# International Ultraviolet Explorer (IUE)

## NASA NEWSLETTER

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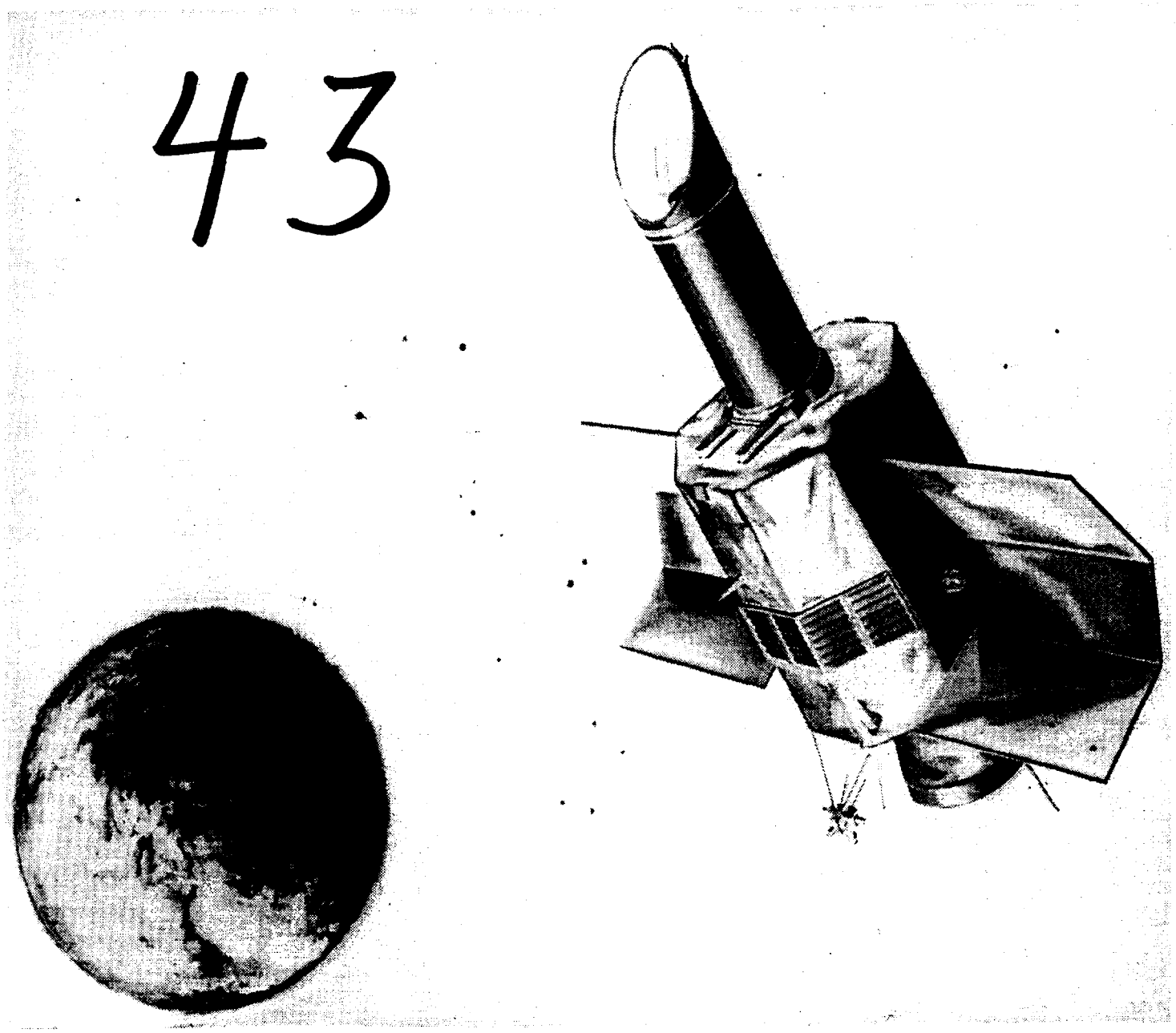

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Dear Colleague:

**IUE Newsletter #43** in its entirety is devoted to an enlarged and updated version of **The IUE Ultraviolet Spectral Atlas**. This expanded atlas by Wu, Crenshaw, Blackwell, Wilson-Diaz, Schiffer, Burstein, Fanelli, and O'Connell replaces the earlier edition by Wu et al. which appeared as **IUE Newsletter #22** (1983). We are indebted to the authors for their dedication and meticulous work that produced this volume. It presents a large amount of IUE data, obtained and reduced over a long period of time. The new atlas should serve as a reference work even more valuable than the very successful and much referenced first edition.

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# THE IUE ULTRAVIOLET SPECTRAL ATLAS

## ADDENDUM I

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# I. INTRODUCTION

The first edition of *The IUE Ultraviolet Spectral Atlas* was published by Wu *et al.* (1983) in printed and magnetic tape versions and it has been widely used by the astronomical community for research and teaching purposes. It was recognized then that numerous spectral type-luminosity class combinations were not available in the atlas, but the authors decided that it was important to provide the atlas to the community early, and to attempt a more complete spectral type-luminosity class coverage at a later date. During the period between May 1985 and February 1989, high quality trailed and pseudo-trailed spectra were obtained for 142 stars by D. Burstein, C.-C. Wu, and R. W. O'Connell (IUE observing programs CSHDB, LDIDB, LDJDB, and LDKDB) and by C.-C. Wu, A. V. Holm, R. Arquilla, D. M. Crenshaw, and C. R. Shrader (IUE observing programs SAJCW and SAKCW).

Burstein, Wu, and O'Connell observed F, G, and K dwarf and giant stars near the main sequence turnoff of old stellar populations. They measured the strength or magnitude of spectral features and breaks in an attempt to calibrate the effects of temperature, metallicity, and gravity on these stars. The first results are given in Fanelli *et al.* (1987, 1990). Wu, Holm, Arquilla, Crenshaw, and Shrader proposed to augment the 1983 Atlas. Their goals are to provide as complete a coverage of the spectral type-luminosity class combination as possible, to provide more than one star per combination to guard against variability and peculiarity, and to allow for a finite range of temperature, metallicity, and gravity in a given combination. In this addendum, we present the spectra obtained in programs CSHDB, LDIDB, LDJDB, LDKDB, SAJCW and SAKCW. The spectra from SALCW and SAMCW will be given in the second addendum when the IUE thirteenth observing episode is concluded.

## II. OBSERVATIONS AND REDUCTIONS

Observations were made with the Short Wavelength Prime (SWP) and Long Wavelength Prime (LWP) cameras on board the IUE. In this atlas, the 1150-1975 Å region is covered by the SWP, and the 1975-3200 Å region is covered by the LWP. In low-dispersion mode, IUE has a spectral resolution of about 6 Å . The IUE scientific instrument and its performance were first discussed in Boggess *et al.* (1978a, b). For recent updates, the readers should consult Sonneborn *et al.* (1987), Harris and Sonneborn (1987), and Grady and Taylor (1989).

In order to increase the signal-to-noise ratio of the data, with a few exceptions essentially all spectra were obtained by trail and pseudo-trail techniques. These techniques move the target star along the major axis of the large aperture, which is nearly perpendicular to the dispersion direction. In a trailed exposure, the star moves at a constant rate through the large aperture. The method is used when the total exposure time is less than 10 minutes and the star is 100 degrees or less away from the Sun (beta angle of 80 degrees or higher). When a star is more than 100 degrees from the Sun or the exposure time for trailing is more than 10 minutes, the pseudo-trail technique is used. This technique places the star at several discrete locations (generally 3) along the major axis. An exposure is taken at each location while the spacecraft is stabilized by locking to a guide star. The widened spectra obtained by these techniques improve the signal-to-noise ratio not only by collecting a larger number of photons, but also by recording the spectra on a larger number of pixels. The use of a larger number of pixels improves the chance of averaging out the fixed-pattern noise, and also allows blemishes on the spectra to be reliably removed.

The data were processed by the IUESIPS production software in use on the date of processing; the IUESIPS merged spectra were used for this atlas. Detailed discussion on the IUE image processing system is given in Turnrose and Thompson (1984), Harris and

Sonneborn (1987), and Grady and Taylor (1989). The absolute calibration for the SWP is adopted from Bohlin and Holm (1980) as discussed in more detail by Holm *et al.* (1982). The Cassatella and Harris (1983) calibration was used for LWP data obtained through 21 December 1987. Starting 22 December 1987, the Cassatella, Lloyd, and Gonzalez Riestra (1987) calibration was adopted for the LWP data. Further data reduction was performed using the standard software at the IUE Regional Data Analysis Facility (RDAF) in the Laboratory for Astronomy and Solar Physics at Goddard Space Flight Center (GSFC).

Corrections were applied to the spectra for exposure time and temperature effects, as discussed in the next section. The fluxes of the small aperture spectra for a given star were scaled by a constant so that they matched the large aperture fluxes for that star in regions unaffected by bad data. A weighted average spectrum was then computed for each star with more than one spectrum; data affected by reseaux or saturation were excluded from the averages. The spectra were then binned to 2 Å intervals for tabulation.

Data for the wavelength regions that are affected by reseaux, including the region in LWP spectra that contains Mg I at 2852 Å , are not included in this atlas. In principle, the data in these regions can be recovered by merging those lines in the line-by-line (spatially resolved) file that are not affected by reseaux. In practice it is difficult to recover these data in an automatic fashion, because in many cases the effects of a reseau can be seen in lines outside of the area flagged by the current IUESIPS software. It is anticipated that the new processing techniques developed for the final archive reprocessing effort will produce merged spectra that are unaffected by reseaux. Therefore in this addendum of the atlas we simply leave blank the spectral regions obliterated by the reseaux. We will defer the reconstruction of the Mg I $\lambda$2852 line to a later version of the atlas. For those few LWP images which also have unsaturated small aperture data, the spectral regions affected by the reseaux have been replaced by the small aperture data.

## III. THE ATLAS

This addendum contains spectra for 142 stars from O5 to M5. Stars earlier than F0 have both SWP and LWP data, while only LWP spectra were taken for stars later than F0. The stars included in this addendum are listed in Table I. Columns (1) and (2) give the HD numbers and names of the stars, respectively. Column (3) gives the spectral types as published in the references provided in Column (4). These spectral type references are listed at the end of Table I. Right ascension and declination (1950 epoch) are presented in Columns (5) and (6). Columns (7) and (9) give V and B–V, respectively. The photometric data are mostly taken from Nicolet (1978), with the remaining obtained from Blanco *et al.* (1970), Feinstein, Marraco, and Muzzio (1973), Walborn (1973b), and Klare and Neckel (1977). In Column (8), "A" indicates that the star has a close neighbor along the line of sight, and the V magnitude is only for the brighter component. On the other hand, "AB" in Column (8) indicates that the V magnitude is the combined brightness of both components. Column (10) gives E(B–V), which is derived by subtracting the intrinsic B–V of FitzGerald (1970) from the observed B–V given in Column (9). For higher luminosity O stars, the intrinsic B–V for main sequence stars of the same spectral type are used. For those spectral types and luminosity classes which have no intrinsic B–V in FitzGerald, interpolated values are used.

The IUE image numbers are given in Column (11). Column (12) indicates the aperture in which the spectrum was taken: "L" is the large aperture and "S" is the small aperture. Column (13) shows how the data were obtained: "T" means trailed, a value of 3 or 4 means the pseudo-trail technique was used with 3 or 4 spectra side-by-side in the large aperture, and a value of 1 indicates that only a single spectrum was obtained. The total exposure time in seconds is given in Column (14). For the single and multiple (pseudo-trail) exposures, if the exposure time for the individual spectrum is 60 seconds or less, corrections have been

applied for two factors which can lead to errors in the exposure time of 0.5 percent or higher. First, the IUE exposure time is controlled by the on-board computer in discrete steps of 0.4096 seconds each; second, it takes $0.120 \pm 0.015$ seconds for the high voltage to rise after it is turned on (Schiffer 1980; Crenshaw 1986). Therefore, the actual exposure time is:

$$\text{Actual Exposure Time} = [\text{Integer}(t_c/0.4096) \times 0.4096] - 0.120,$$

where $t_c$ is the commanded exposure time in seconds, which is specified on the IUE observing script. The actual exposure time, calculated by using the above equation and multiplying by the number of exposures, is given in Column (14). For trailed spectra, the exposure time is equal to the trail length in arcsec divided by the trail rate in arcsec per sec. The actual trail length is 21.4 and 20.5 arcsec for the short and long wavelength spectrographs, respectively (Panek 1982). The trail rate is specified on the observing script. The actual exposure time, calculated by using the above actual trail length and multiplying by the number of passes (in most cases, it is one), is given in Column (14). The exposure time given on the observing script and in the IUE image header is based on a trail length of 20 arcsec, which is not quite as accurate. Column (15) records the temperature of the camera head amplifier during the exposure. This value was used to correct for the slight dependence of camera sensitivity on temperature (Garhart and Teays 1989).

The data number (DN) indicating the exposure level is given in Column (16). The DN ranges from 0 to 255. At a DN value of 255, the spectrum has at least one overexposed pixel. For more severe cases, the estimated level of overexposure is indicated; for example, 3x means approximately 3 times overexposed. Three DN values are given in Column (16) to report the maximum exposure level: the first is for the strongest emission line, the second is for the continuum, and the third is for the background in regions of the detector immediately adjacent to the spectrum. These DN levels are measured by the Telescope Operator during

the quick-look analysis of the images. They are intended as a rough indicator of the quality and utility of the data. Sometimes the emission component of a P-Cygni profile or the Mg II line at 2800 Å may not be picked up as an emission feature, or a relatively less-absorbed region in a heavily absorbed spectrum of a late type star may be misidentified as an emission line.

In this addendum, the averaged SWP and LWP spectra for each star are plotted to the same scale as in the 1983 Atlas (Wu *et al.* 1983). In addition, average fluxes in 2 Å wavelength bins are tabulated in a table printed on the page facing the spectrum. In the spectral plots, the regions with bad data (reseaux and blemishes that cannot be repaired) are left blank, but saturated data are plotted as crosses. In the flux tables, the bad and saturated data are left out. In spectral regions where the signal-to-noise ratio is low (e.g. the short wavelength end of LWP spectra), negative fluxes can appear in the tables.

The merged and line-by-line files for the individual spectra in this addendum have been written in IUE GO format to magnetic tapes at 6250 bpi. The tapes have been sent to the IUE RDAF and the National Space Science Data Center (NSSDC) at GSFC. If you are interested in receiving a copy of the data, requests should be sent to the IUE Observatory or the NSSDC.

We wish to thank Ms. Ruth E. Bradley for data handling and Drs. C. A. Grady and T. B. Ake for carrying out some of the observations. This work was partially supported by the NASA IUE research contract NAS5-28749 to the Computer Sciences Corporation, NASA grants NAG5-547 to Arizona State University and NAG5-838, 5-981 and 5-1035 to the University of Virginia. DB acknowledges partial support from an ASU Faculty Grant-in-Aid.

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# Table I. Atlas Stars and Images

| HD | NAME | SPECTRAL TYPE | R | RA | DEC | V | AB | (B-V) | E(B-V) | IMAGE | AP | N | EXP | THDA | DN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93843 | | O5 III (f) var | 4 | 10 46 40.2 | -59 57 32 | 7.33 | | -0.05 | 0.27 | SWP 33672 | L | T | 48.15 | 9.2 | ---/ 200/ 23 |
| | | | | | | | | | | LWP 13334 | L | T | 30.75 | 9.5 | ---/ 190/ 38 |
| 210839 | LAM CEP | O6 I(n)fp | 4 | 22 09 48.6 | +59 10 02 | 5.04 | | 0.25 | 0.57 | SWP 31259 | L | T | 21.40 | 10.8 | ---/ 180/ 20 |
| | | | | | | | | | | LWP 11101 | L | T | 10.25 | 10.2 | ---/ 200/ 35 |
| 152723 | | O6.5 III(f) | 5 | 16 53 26.1 | -40 26 03 | 7.31 | | 0.10 | 0.42 | SWP 31626 | L | T | 80.25 | 6.1 | ---/ 190/ 38 |
| | | | | | | | | | | LWP 11466 | L | T | 46.13 | 6.1 | ---/ 204/ 45 |
| 151515 | | O7 II(f) | 5 | 16 46 17.1 | -41 54 57 | 7.16 | | 0.16 | 0.48 | SWP 31625 | L | T | 123.05 | 6.1 | ---/ 236/ 27 |
| | | | | | | | | | | LWP 11465 | L | T | 82.00 | 6.1 | ---/1.5x/ 48 |
| | | | | | | | | | | LWP 11467 | L | T | 41.00 | 6.5 | ---/ 185/ 40 |
| 167659 | | O7 II(f) | 4 | 18 14 01.9 | -18 59 12 | 7.39 | | 0.21 | 0.53 | SWP 31623 | L | T | 128.40 | 6.1 | ---/ 197/ 25 |
| | | | | | | | | | | LWP 11463 | L | T | 107.62 | 6.1 | ---/1.5x/ 40 |
| 203064 | 68 CYG | O7.5 III:n((f)) | 5 | 21 16 35.1 | +43 44 05 | 5.00 | | -0.01 | 0.30 | SWP 36315 | L | T | 5.08 | 9.8 | ---/ 180/ 18 |
| | | | | | | | | | | LWP 15564 | L | T | 4.77 | 8.5 | ---/ 214/ 32 |
| 209975 | 19 CEP | O9.5 Ib | 5 | 22 03 36.2 | +62 02 10 | 5.11 | | 0.08 | 0.35 | SWP 32916 | L | T | 13.38 | 9.2 | ---/ 195/ 17 |
| | | | | | | | | | | LWP 12662 | L | T | 6.15 | 10.2 | ---/ 198/ 36 |
| 149038 | MU NOR | O9.7 Iab | 5 | 16 30 31.3 | -43 56 28 | 4.98 | | 0.02 | 0.29 | SWP 31624 | L | T | 8.02 | 6.1 | ---/ 180/ 19 |
| | | | | | | | | | | LWP 11464 | L | T | 6.15 | 6.1 | ---/ 225/ 40 |
| 218376 | 1 CAS | B0.5 III | 6 | 23 04 29.5 | +59 08 57 | 4.85 | | -0.03 | 0.25 | SWP 31260 | L | T | 6.42 | 10.8 | ---/ 207/ 18 |
| | | | | | | | | | | LWP 11102 | L | T | 5.13 | 10.5 | ---/ 235/ 39 |
| 166197 | | B1 V | 7 | 18 07 36.8 | -33 48 39 | 6.16 | | -0.14 | 0.12 | SWP 33202 | L | T | 12.84 | 9.2 | ---/ 205/ 18 |
| | | | | | | | | | | LWP 12981 | L | T | 12.30 | 9.5 | ---/ 220/ 38 |
| 215733 | | B1 II | 9 | 22 44 35.2 | +16 58 09 | 7.34 | | -0.13 | 0.11 | SWP 34697 | L | T | 58.85 | 8.5 | ---/ 210/ 17 |
| | | | | | | | | | | LWP 15560 | L | T | 32.80 | 10.2 | ---/ 210/ 35 |
| 13854 | | B1 Iab | 6 | 02 13 20.9 | +56 49 26 | 6.49 | | 0.28 | 0.47 | SWP 34867 | L | 3 | 112.69 | 8.5 | ---/ 219/ 20 |
| | | | | | | | | | | LWP 14595 | L | 3 | 37.73 | 9.5 | ---/1.5x/ 35 |
| | | | | | | | | | | LWP 14597 | L | 3 | 25.44 | 9.5 | ---/ 213/ 38 |
| | | | | | | | | | | | S | 1 | 100.00 | 9.2 | ---/5.0x/ 35 |
| 225094 | | B3 Iab | 6 | 00 00 50.7 | +63 21 46 | 6.24 | | 0.33 | 0.46 | SWP 31262 | L | T | 224.70 | 10.8 | ---/ 215/ 21 |
| | | | | | | | | | | LWP 11103 | L | T | 51.25 | 10.5 | ---/ 205/ 35 |
| 75112 | | B4 V | 7 | 08 44 50.0 | -34 26 19 | 6.37 | | -0.13 | 0.05 | SWP 36317 | L | T | 37.45 | 9.8 | ---/ 218/ 17 |
| | | | | | | | | | | LWP 15566 | L | T | 21.53 | 9.5 | ---/ 202/ 34 |
| 48879 | 42 CAM | B4 IV | 6 | 06 45 44.9 | +67 37 48 | 5.14 | | -0.17 | 0.01 | SWP 32997 | L | T | 8.56 | 10.5 | ---/ 198/ 25 |
| | | | | | | | | | | LWP 12755 | L | T | 6.87 | 10.8 | ---/ 230/ 45 |
| 209419 | | B5 III | 6 | 22 00 00.4 | +52 38 26 | 5.78 | | -0.11 | 0.05 | SWP 33851 | L | T | 27.82 | 10.5 | ---/ 207/ 35 |
| | | | | | | | | | | LWP 13555 | L | T | 13.33 | 11.5 | ---/ 209/ 43 |
| 222173 | IOT AND | B8 V | 13 | 23 35 40.6 | +42 59 28 | 4.29 | | -0.10 | 0.01 | SWP 33853 | L | T | 9.63 | 10.8 | ---/ 190/ 32 |
| | | | | | | | | | | LWP 13557 | L | T | 6.15 | 11.2 | ---/ 221/ 43 |
| 26571 | | B9 III | 13 | 04 09 53.1 | +22 17 11 | 8.09 | | 0.19 | 0.27 | SWP 32996 | L | T | 187.24 | 10.2 | ---/ 198/ 23 |
| | | | | | | | | | | LWP 12753 | L | T | 61.50 | 11.8 | ---/ 215/ 38 |
| 212593 | 4 LAC | B9 Iab | 13 | 22 22 29.0 | +49 13 20 | 4.57 | | 0.09 | 0.09 | SWP 33852 | L | T | 34.24 | 10.8 | ---/ 188/ 42 |
| | | | | | | | | | | LWP 13556 | L | T | 12.30 | 11.5 | ---/ 230/ 54 |
| 149212 | 15 DRA | A0 III | 13 | 16 28 04.2 | +68 52 34 | 5.00 | | -0.06 | -0.03 | SWP 32914 | L | T | 26.75 | 9.5 | ---/ 168/ 14 |
| | | | | | | | | | | LWP 12658 | L | T | 17.43 | 8.5 | ---/ 203/ 32 |
| 210418 | THE PEG | A3 Vn | 10 | 22 07 40.6 | +05 57 04 | 3.53 | | 0.08 | 0.00 | SWP 36316 | L | T | 20.33 | 9.5 | ---/ 204/ 17 |
| | | | | | | | | | | LWP 15565 | L | T | 7.18 | 9.2 | ---/ 202/ 32 |

| HD | NAME | SPECTRAL TYPE | R | RA | DEC | V | AB | (B-V) | E(B-V) | IMAGE | AP | N | EXP | THDA | DN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79439 | 18 UMA | A5 V | 10 | 09 12 36.2 | +54 13 47 | 4.83 | | 0.19 | 0.04 | SWP 32779 | L | 4 | 47.03 | 12.5 | ---/ 139/ 19 |
| | | | | | | | | | | SWP 32780 | L | 4 | 142.06 | 10.5 | ---/2.0x/ 22 |
| | | | | | | | | | | LWP 12564 | L | 4 | 14.27 | 11.8 | ---/ 166/ 35 |
| 97534 | | A6 Ia | 13 | 11 10 26.8 | -60 02 43 | 4.60 | | 0.55 | 0.35 | SWP 33673 | L | 1 | 900.00 | 9.2 | ---/5.0x/ 30 |
| | | | | | | | | | | LWP 13335 | L | T | 123.00 | 9.5 | ---/ 240/ 38 |
| 203280 | ALP CEP | A7 IV - V | 2 | 21 17 23.2 | +62 22 23 | 2.44 | | 0.22 | 0.00 | SWP 32915 | L | T | 18.19 | 8.8 | ---/ 205/ 12 |
| | | | | | | | | | | LWP 12660 | L | T | 4.31 | 9.2 | ---/ 214/ 35 |
| 85123 | UPS CAR | A7 II Vb | 13 | 09 45 51.8 | -64 50 24 | 2.97 | A | 0.27 | 0.13 | SWP 33670 | L | T | 53.50 | 8.8 | ---/ 245/ 25 |
| | | | | | | | | | | LWP 13331 | L | T | 10.25 | 9.5 | ---/ 195/ 38 |
| 164259 | ZET SER | F3 V | 2 | 17 57 50.4 | -03 41 19 | 4.62 | | 0.38 | -0.03 | LWP 12707 | L | T | 30.75 | 8.5 | ---/ 212/ 40 |
| | | | | | | | | | | LWP 15556 | L | 3 | 18.07 | 10.2 | ---/ 218/ 37 |
| | | | | | | | | | | | S | 1 | 120.00 | 10.2 | ---/ 10x/ 33 |
| 214470 | 31 CEP | F3 III - IV | 13 | 22 34 32.0 | +73 23 00 | 5.08 | | 0.39 | 0.00 | LWP 12756 | L | T | 82.00 | 10.8 | ---/ 240/ 45 |
| 8799 | OME AND | F4 IV | 13 | 01 24 39.2 | +45 08 57 | 4.83 | | 0.42 | 0.00 | LWP 14596 | L | 3 | 35.28 | 9.5 | ---/2.0x/ 35 |
| | | | | | | | | | | LWP 14598 | L | 3 | 20.53 | 9.2 | ---/ 200/ 38 |
| | | | | | | | | | | | S | 1 | 80.00 | 9.2 | ---/5.0x/ 38 |
| 27561 | | F5 V | 13 | 04 18 45.2 | +14 17 33 | 6.61 | | 0.41 | -0.04 | LWP 10007 | L | T | 184.56 | 11.5 | ---/ 200/ 39 |
| 106516 | | F5 V | 13 | 12 12 36.0 | -10 01 14 | 6.11 | | 0.46 | 0.01 | LWP 9607 | L | T | 82.00 | 11.5 | ---/ 180/ 35 |
| 134083 | 45 BOO | F5 V | 13 | 15 05 06.2 | +25 03 46 | 4.93 | | 0.43 | -0.02 | LWP 11178 | L | T | 15.38 | 9.2 | ---/ 120/ 35 |
| | | | | | | | | | | LWP 11181 | L | T | 61.50 | 9.5 | ---/1.5x/ 39 |
| 210027 | IOT PEG | F5 V | 2 | 22 04 40.8 | +25 06 01 | 3.76 | | 0.44 | -0.01 | LWP 11109 | L | T | 14.35 | 11.8 | ---/ 205/ 38 |
| 108177 | | F5 VI | 13 | 12 23 01.5 | +01 34 02 | 9.66 | | 0.44 | 0.00 | LWP 14966 | L | 3 | 1620.00 | 8.5 | ---/1.5x/ 39 |
| 30652 | PI 3 ORI | F6 V | 1 | 04 47 07.4 | +06 52 32 | 3.19 | | 0.45 | -0.03 | LWP 12506 | L | 3 | 7.01 | 9.2 | ---/1.5x/ 33 |
| 43318 | | F6 V | 13 | 06 13 01.6 | -00 29 31 | 5.65 | | 0.50 | 0.02 | LWP 12507 | L | 3 | 64.77 | 9.2 | ---/ 235/ 34 |
| 69897 | CHI CNC | F6 V | 13 | 08 17 01.8 | +27 22 52 | 5.14 | | 0.47 | -0.01 | LWP 12708 | L | T | 56.37 | 8.8 | ---/ 232/ 41 |
| 142860 | GAM SER | F6 V | 2 | 15 54 08.5 | +15 49 25 | 3.85 | | 0.48 | 0.00 | LWP 11179 | L | T | 19.48 | 9.2 | ---/ 235/ 38 |
| 153597 | 19 DRA | F6 V | 13 | 16 55 44.8 | +65 12 39 | 4.89 | | 0.48 | 0.00 | LWP 12331 | L | T | 46.13 | 7.2 | ---/ 216/ 35 |
| 207978 | 15 PEG | F6 IV | 13 | 21 50 15.8 | +28 33 31 | 5.53 | | 0.42 | -0.04 | LWP 8446 | L | T | 73.80 | 9.8 | ---/ 222/ 36 |
| 82328 | THE UMA | F6 IV | 13 | 09 29 31.5 | +51 54 23 | 3.17 | A | 0.46 | 0.00 | LWP 12330 | L | T | 10.25 | 7.2 | ---/ 222/ 42 |
| 89449 | 40 LEO | F6 IV | 2 | 10 17 01.0 | +19 43 31 | 4.79 | | 0.45 | -0.01 | LWP 12329 | L | T | 41.00 | 7.2 | ---/ 222/ 51 |
| 120136 | TAU BOO | F7 V | 2 | 13 44 53.1 | +17 42 19 | 4.50 | | 0.48 | -0.02 | LWP 14965 | L | 3 | 29.13 | 8.5 | ---/2.5x/ 35 |
| | | | | | | | | | | LWP 14967 | L | 3 | 14.39 | 8.5 | ---/ 182/ 32 |
| 165908 | 99 HER | F7 V | 2 | 18 05 07.5 | +30 33 13 | 5.04 | AB | 0.52 | 0.02 | LWP 12705 | L | T | 56.37 | 8.5 | ---/ 206/ 38 |
| | | | | | | | | | | LWP 15558 | L | 3 | 25.44 | 10.2 | ---/ 197/ 38 |
| | | | | | | | | | | | S | 1 | 180.00 | 10.2 | ---/ 10x/ 34 |
| 170153 | CHI DRA | F7 V | 2 | 18 21 57.5 | +72 42 42 | 3.57 | | 0.49 | -0.01 | LWP 15016 | L | T | 12.92 | 12.5 | ---/ 223/ 33 |
| 215648 | XI PEG | F7 V | 2 | 22 44 11.6 | +11 54 57 | 4.19 | | 0.50 | 0.00 | LWP 11107 | L | T | 15.38 | 12.8 | ---/ 150/ 35 |
| 222368 | IOT PSC | F7 V | 2 | 23 37 22.6 | +05 21 19 | 4.13 | | 0.51 | 0.01 | LWP 11111 | L | T | 28.70 | 10.8 | ---/ 235/ 35 |
| 216385 | SIG PEG | F7 IV | 13 | 22 49 51.9 | +09 34 09 | 5.16 | | 0.48 | -0.02 | LWP 11110 | L | T | 66.63 | 11.5 | ---/ 225/ 38 |
| 187691 | OMI AQL | F8 V | 13 | 19 48 37.9 | +10 17 21 | 5.11 | | 0.55 | 0.02 | LWP 11175 | L | T | 92.25 | 9.8 | ---/ 235/ 38 |
| 193901 | | F8 V | 13 | 20 20 38.8 | -21 31 05 | 8.65 | | 0.55 | 0.02 | LWP 12976 | L | 3 | 900.00 | 9.2 | ---/ 231/ 46 |
| | | | | | | | | | | | S | 1 | 300.00 | 9.2 | ---/ 139/ 42 |
| 217877 | | F8 V | 13 | 23 01 21.0 | -05 03 55 | 6.68 | | 0.58 | 0.05 | LWP 8812 | L | 3 | 195.00 | 11 | ---/ 240/ 59 |
| 136202 | 5 SER | F8 IV - V | 2 | 15 16 45.4 | +01 57 12 | 5.06 | | 0.54 | 0.03 | LWP 12510 | L | 3 | 43.88 | 8.5 | ---/ 230/ 38 |
| 201891 | | F8 IV - V | 13 | 21 09 40.0 | +17 32 04 | 7.38 | | 0.51 | -0.01 | LWP 15559 | L | 3 | 255.00 | 10.5 | ---/ 226/ 34 |
| 208906 | | F8 IV - V | 13 | 21 56 27.8 | +29 34 43 | 6.94 | | 0.51 | -0.01 | LWP 15557 | L | 3 | 164.30 | 9.8 | ---/ 225/ 43 |
| | | | | | | | | | | | S | 1 | 1100.00 | 9.8 | ---/ 10x/ 41 |
| 220657 | UPS PEG | F8 IV | 2 | 23 22 52.8 | +23 07 43 | 4.40 | | 0.61 | 0.08 | LWP 14389 | L | T | 61.50 | 8.8 | ---/ 245/ 50 |

| HD | NAME | SPECTRAL TYPE | R | RA | DEC | V | AB | (B-V) | E(B-V) | IMAGE | AP | N | EXP | THDA | DN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22879 | | F9 V | 13 | 03 37 49.2 | -03 22 29 | 6.68 | | 0.55 | -0.01 | LWP 10008 | L | 3 | 112.69 | 11.5 | ---/ 205/ 38 |
| | | | | | | | | | | LWP 12327 | L | T | 205.00 | 7.5 | ---/ 198/ 40 |
| 90508 | | F9- V | 12 | 10 24 59.3 | +49 03 09 | 6.44 | | 0.60 | 0.04 | LWP 9609 | L | 3 | 180.00 | 11.8 | ---/1.2x/ 34 |
| | | | | | | | | | | LWP 10010 | L | 3 | 149.55 | 11.2 | ---/ 230/ 35 |
| 114762 | | F9 V | 13 | 13 09 54.5 | +17 46 55 | 7.31 | | 0.54 | -0.02 | LWP 14968 | L | 3 | 210.00 | 8.8 | ---/ 205/ 34 |
| 142373 | CHI HER | F9 V | 2 | 15 50 56.7 | +42 35 26 | 4.62 | | 0.56 | 0.00 | LWP 11180 | L | T | 49.20 | 9.2 | ---/ 235/ 42 |
| 157089 | | F9 V | 13 | 17 18 35.5 | +01 29 16 | 6.95 | | 0.60 | 0.04 | LWP 12706 | L | 3 | 179.04 | 8.5 | ---/ 213/ 35 |
| 200580 | | F9 V | 13 | 21 01 36.9 | +02 48 01 | 7.32 | | 0.54 | -0.02 | LWP 9605 | L | 3 | 300.00 | 10.5 | ---/1.2x/ 35 |
| | | | | | | | | | | LWP 11176 | L | 3 | 240.00 | 9.8 | ---/ 200/ 35 |
| 4307 | 18 CET | G0 V | 13 | 00 42 58.0 | -13 09 04 | 6.15 | | 0.61 | 0.01 | LWP 8442 | L | T | 276.75 | 8.8 | ---/1.2x/ 37 |
| | | | | | | | | | | LWP 8443 | L | 1 | 49.85 | 9.5 | ---/ 225/ 36 |
| 4614 | ETA CAS | G0 V | 2 | 00 46 03.6 | +57 33 03 | 3.44 | | 0.57 | -0.03 | LWP 15018 | L | T | 16.20 | 12.8 | ---/ 220/ 34 |
| 48682 | PSI 5 AUR | G0 V | 13 | 06 43 08.2 | +43 37 46 | 5.25 | | 0.56 | -0.04 | LWP 10011 | L | T | 56.38 | 11.2 | ---/ 185/ 38 |
| 55575 | | G0 V | 13 | 07 12 07.6 | +47 19 51 | 5.58 | | 0.58 | -0.02 | LWP 9610 | L | T | 82.00 | 11.8 | ---/ 185/ 35 |
| 110897 | 10 CVN | G0 V | 13 | 12 42 37.7 | +39 33 01 | 5.95 | | 0.55 | -0.05 | LWP 12332 | L | T | 143.50 | 7.2 | ---/ 225/ 36 |
| 114710 | BET COM | G0 V | 1 | 13 09 32.4 | +28 07 52 | 4.26 | | 0.57 | -0.03 | LWP 13414 | L | T | 38.95 | 11.2 | ---/ 225/ 34 |
| 152792 | | G0 V | 13 | 16 51 57.4 | +42 54 36 | 6.81 | | 0.65 | 0.05 | LWP 8447 | L | T | 425.37 | 9.8 | ---/ 220/ 40 |
| 157214 | 72 HER | G0 V | 2 | 17 18 47.2 | +32 31 51 | 5.39 | | 0.62 | 0.02 | LWP 12512 | L | 3 | 70.91 | 8.8 | ---/ 225/ 33 |
| 187923 | | G0 V | 13 | 19 49 43.0 | +11 30 13 | 6.13 | | 0.65 | 0.05 | LWP 8810 | L | T | 266.50 | 10 | ---/ 225/ 51 |
| 1461 | | G0 IV | 13 | 00 16 07.4 | -08 19 43 | 4.46 | | 0.68 | 0.05 | LWP 8444 | L | T | 440.76 | 9.8 | ---/ 238/ 40 |
| 205153 | | G0 IV | 13 | 21 31 13.9 | -28 07 24 | 8.21 | | 0.55 | -0.08 | LWP 14536 | L | 3 | 750.00 | 10.3 | ---/ 238/ 41 |
| 73593 | 34 LYN | G0 IV | 13 | 08 37 34.2 | +46 00 39 | 5.37 | | 0.99 | 0.36 | LWP 7259 | L | T | 184.52 | 11.5 | ---/ 121/ 41 |
| 14802 | KAP FOR | G1 V | 13 | 02 26 15.2 | -24 02 34 | 5.20 | | 0.60 | -0.02 | LWP 11112 | L | T | 102.50 | 10.7 | ---/ 225/ 38 |
| 28068 | | G1 V | 13 | 04 23 32.0 | +16 44 29 | 8.06 | | 0.63 | 0.01 | LWP 12704 | L | 3 | 660.00 | 8.7 | ---/ 210/ 39 |
| 115043 | | G1 Va | 11 | 13 11 34.4 | +56 58 22 | 6.83 | | 0.60 | -0.02 | LWP 13415 | L | 3 | 225.00 | 11.2 | ---/ 239/ 34 |
| 190406 | 15 SGE | G1 V | 13 | 20 01 51.3 | +16 56 00 | 5.80 | | 0.61 | -0.01 | LWP 12933 | L | T | 194.76 | 11.2 | ---/1.5x/ 36 |
| 13043 | | G2 V | 13 | 02 05 01.8 | -00 51 00 | 6.91 | | 0.61 | -0.02 | LWP 9654 | L | 3 | 240.00 | 9.8 | ---/ 198/ 35 |
| 28344 | | G2 V | 13 | 04 25 55.1 | +17 10 34 | 7.85 | | 0.61 | -0.02 | LWP 10006 | L | 3 | 600.00 | 11.5 | ---/ 240/ 38 |
| 30455 | | G2 V | 13 | 04 45 46.3 | +18 37 40 | 6.97 | | 0.62 | -0.01 | LWP 10005 | L | 3 | 255.00 | 11 | ---/ 230/ 35 |
| 111721 | | G2 V | 13 | 12 48 49.0 | -13 12 54 | 7.97 | | 0.81 | 0.18 | LWP 15612 | L | 3 | 900.00 | 10.8 | ---/ 245/116 |
| 143761 | RHO CRB | G2 V | 13 | 15 59 07.8 | +33 27 12 | 5.41 | | 0.60 | -0.03 | LWP 12511 | L | 3 | 64.77 | 8.5 | ---/ 230/ 33 |
| 186408 | 16 CYG | G2 V | 2 | 19 40 29.1 | +50 24 30 | 5.96 | A | 0.64 | 0.01 | LWP 15357 | L | 3 | 179.04 | 10.8 | 252/ 220/ 23 |
| 186427 | 16 CYG | G2 V | 2 | 19 40 32.0 | +50 24 03 | 6.20 | B | 0.66 | -0.02 | LWP 15358 | L | 3 | 219.00 | 10.5 | 1.5x/ 227/ 32 |
| 224930 | 85 PEG | G2 V | 2 | 23 59 33.2 | +26 49 03 | 5.75 | AB | 0.67 | 0.04 | LWP 8445 | L | T | 133.25 | 9.8 | ---/ 195/ 35 |
| 86728 | 20 LMI | G3 Va Hδ 1 | 12 | 09 58 08.8 | +32 10 14 | 5.36 | | 0.66 | 0.01 | LWP 12508 | L | 3 | 89.34 | 8.8 | ---/ 225/ 44 |
| 74006 | BET PYX | G4 III | 13 | 08 38 08.6 | -35 07 47 | 3.97 | | 0.94 | 0.06 | LWP 15568 | L | 1 | 75.00 | 10.8 | ---/3.0x/ 31 |
| | | | | | | | | | | | S | 1 | 59.68 | 10.8 | ---/1.5x/ 31 |
| | | | | | | | | | | LWP 15613 | L | 3 | 74.60 | 10.8 | ---/ 253/ 41 |
| | | | | | | | | | | | S | 1 | 300.00 | 10.8 | ---/6.0x/ -- |
| 71369 | MI UMA | G4 II - III | 13 | 08 26 07.6 | +60 53 14 | 3.36 | | 0.84 | -0.03 | LWP 12567 | L | T | 43.05 | 10.5 | ---/ 215/ 35 |
| 20630 | KAP CET | G5 V | 2 | 03 15 44.1 | +03 11 17 | 4.83 | | 0.68 | 0.00 | LWP 10009 | L | T | 66.63 | 11.5 | ---/ 200/ 38 |
| 117176 | 70 VIR | G5 V | 2 | 13 25 59.0 | +14 02 43 | 4.98 | | 0.71 | 0.03 | LWP 11114 | L | T | 123.00 | 10.5 | ---/ 225/ 38 |
| 197076 | | G5 V+ | 13 | 20 38 29.4 | +19 45 09 | 6.45 | | 0.63 | -0.05 | LWP 8811 | L | 3 | 195.00 | 10.5 | ---/ 250/ 50 |
| | | | | | | | | | | LWP 15611 | L | 3 | 195.00 | 11.4 | ---/1.5x/ 53 |
| | | | | | | | | | | | S | 1 | 900.00 | 11.4 | ---/7.0x/ -- |
| 115617 | 61 VIR | G6 V | 2 | 13 15 47.1 | -18 02 01 | 4.74 | | 0.71 | -0.01 | LWP 8809 | L | T | 82.00 | 9.8 | ---/ 212/ 39 |

| HD | NAME | SPECTRAL TYPE | R | RA | DEC | V | AB | (B-V) | E(B-V) | IMAGE | AP | N | EXP | THDA | DN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13783 | | G8 V | 13 | 02 12 59.0 | +64 43 32 | 8.29 | | 0.66 | -0.08 | LWP 14538 | L | 3 | 750.00 | 10.5 | ---/ 196/ 40 |
| | | | | | | | | | | LWP 15017 | L | 3 | 600.00 | 12.8 | ---/ 154/ 35 |
| | | | | | | | | | | LWP 15019 | L | 3 | 1440.00 | 12.8 | ---/2.0x/ 51 |
| 64606 | | G8 V | 13 | 07 52 02.6 | -01 16 47 | 7.44 | | 0.73 | -0.01 | LWP 9611 | L | 3 | 990.00 | 11.5 | ---/1.8x/ 40 |
| 75732 | RHO 1 CNC | G8 V | 13 | 08 49 37.4 | +28 31 23 | 5.95 | | 0.87 | 0.13 | LWP 9649 | L | 3 | 249.00 | 9.8 | ---/ 180/ 34 |
| 101501 | 61 UMA | G8 V | 2 | 11 38 25.3 | +34 29 03 | 5.33 | | 0.72 | -0.02 | LWP 11113 | L | T | 128.13 | 10.2 | ---/ 200/ 35 |
| 103095 | | G8 Vp | 2 | 11 50 06.2 | +38 04 39 | 6.45 | | 0.75 | 0.01 | LWP 13413 | L | 3 | 252.00 | 11.2 | ---/ 240/ 35 |
| 211038 | | G8 V | 13 | 22 11 55.9 | -16 03 45 | 6.54 | | 0.90 | 0.16 | LWP 9606 | L | 3 | 360.00 | 11.2 | ---/ 170/ 35 |
| 67767 | PSI CNC | G8 IV | 13 | 08 07 26.7 | +25 39 38 | 5.73 | | 0.81 | -0.01 | LWP 9608 | L | 3 | 225.00 | 11.5 | ---/1.2x/ 35 |
| | | | | | | | | | | LWP 9650 | L | 3 | 204.00 | 9.8 | ---/ 235/ 36 |
| 182572 | 31 AQL | G8 IV Hδ 1 | 11 | 19 22 35.1 | +11 50 09 | 5.16 | | 0.77 | -0.05 | LWP 11174 | L | T | 151.69 | 9.8 | ---/ 200/ 35 |
| 37160 | PHI 2 ORI | G8 IIIb | 1 | 05 34 09.4 | +09 15 55 | 4.09 | | 0.95 | 0.00 | LWP 7028 | L | T | 164.00 | 8.8 | ---/ 230/ 33 |
| 150997 | ETA HER | G8 IIIb CN-1 | 11 | 16 41 10.8 | +39 00 58 | 3.53 | | 0.92 | -0.03 | LWP 11104 | L | T | 73.80 | 11.2 | ---/ 235/ 35 |
| 216131 | MU PEG | G8 III+ | 1 | 22 47 35.2 | +24 20 13 | 3.48 | | 0.93 | -0.02 | LWP 14385 | L | T | 87.13 | 10.2 | ---/ 227/ 36 |
| 180711 | DEL DRA | G9 III | 1 | 19 12 32.8 | +67 34 25 | 3.07 | | 1.00 | 0.02 | LWP 12659 | L | T | 71.75 | 8.8 | ---/ 215/ 30 |
| 10780 | | K0 V | 13 | 01 44 06.4 | +63 36 24 | 5.63 | | 0.81 | 0.00 | LWP 9652 | L | 3 | 420.00 | 9.8 | ---/1.5x/ 43 |
| | | | | | | | | | | LWP 9653 | L | 3 | 285.00 | 9.8 | ---/1.2x/ 40 |
| | | | | | | | | | | LWP 11177 | L | 3 | 210.00 | 9.2 | ---/ 255/ 37 |
| 134439 | | K0 V | 13 | 15 07 28.5 | -16 08 27 | 9.06 | | 0.78 | -0.03 | LWP 12934 | L | 3 | 4500.00 | 10.2 | 1.5x/1.5x/ 48 |
| | | | | | | | | | | LWP 12936 | L | 3 | 1800.00 | 10.2 | ---/ 185/ 38 |
| 185144 | SIG DRA | K0 V | 1 | 19 32 27.6 | +69 34 34 | 4.68 | | 0.79 | -0.02 | LWP 13412 | L | T | 153.75 | 11.2 | ---/ |
| 192310 | | K0 V | 13 | 20 12 10.4 | -27 11 01 | 5.73 | | 0.88 | 0.07 | LWP 12935 | L | T | 215.25 | 10.5 | ---/ 130/ 35 |
| | | | | | | | | | | LWP 12937 | L | 1 | 240.00 | 10.2 | ---/1.5x/ 38 |
| | | | | | | | | | | LWP 15353 | L | T | 307.50 | 8.5 | ---/ 157/ 32 |
| | | | | | | | | | | LWP 15555 | 1 | 3 | 360.00 | 10.2 | ---/1.5x/ 32 |
| 6203 | 25 CET | K0 III - IV | 13 | 01 00 30.8 | -05 06 13 | 5.43 | | 1.11 | 0.10 | LWP 7536 | L | T | 492.00 | 7.8 | ---/ 128/ 40 |
| | | | | | | | | | | LWP 7537 | L | 3 | 420.00 | 8.2 | ---/ 165/ 35 |
| 19476 | KAP PER | K0 III | 13 | 03 06 06.8 | +44 40 10 | 3.80 | | 0.98 | -0.03 | LWP 7026 | L | T | 176.27 | 9.8 | ---/ 255/ 35 |
| 49293 | 18 MON | K0 III Ba 0.1 | 11 | 06 45 15.2 | +02 28 06 | 4.47 | | 1.11 | 0.10 | LWP 5904 | L | 1 | 120.00 | 9.8 | ---/ 230/ 40 |
| 95272 | ALP CRT | K0+ III | 11 | 10 57 20.1 | -18 01 56 | 4.08 | | 1.09 | 0.08 | LWP 5900 | L | T | 307.50 | 9.2 | ---/ 220/ 50 |
| 216228 | IOT CEP | K0- III | 1 | 22 47 53.6 | +65 56 13 | 3.52 | | 1.05 | 0.04 | LWP 13553 | L | T | 143.50 | 10.5 | ---/ 209/ 37 |
| 221861 | | K0 Ib | 11 | 23 32 48.0 | +71 21 56 | 5.84 | | 1.80 | 0.62 | LWP 12661 | L | 3 | 3600.00 | 9.5 | 244/ 210/ 63 |
| | | | | | | | | | | | S | 1 | 480.00 | 9.5 | 95/ 95/ 60 |
| 132142 | | K1 V | 13 | 14 53 45.6 | +53 52 30 | 7.73 | | 0.79 | -0.07 | LWP 13416 | L | 3 | 750.00 | 11.2 | ---/ 178/ 35 |
| 26965 | OMI 2 ERI | K1- V | 12 | 04 12 58.2 | -07 43 46 | 4.43 | | 0.82 | -0.04 | LWP 12326 | L | T | 71.75 | 7.5 | ---/ 165/ 34 |
| | | | | | | | | | | LWP 12328 | L | T | 123.00 | 7.5 | ---/ 244/ 51 |
| 142091 | KAP CRB | K1 IVa | 1 | 15 49 20.8 | +35 48 41 | 4.82 | | 1.00 | 0.01 | LWP 7261 | L | 3 | 180.00 | 11.1 | ---/ 196/ 45 |
| 142980 | PHI SER | K1 IV | 13 | 15 54 56.0 | +14 33 23 | 5.54 | | 1.14 | 0.15 | LWP 7617 | L | 3 | 315.00 | 12.2 | ---/ 147/ 82 |
| | | | | | | | | | | LWP 7619 | L | 3 | 720.00 | 12.5 | ---/ 198/ 68 |
| 145148 | | K1+ IV | 12 | 16 06 43.3 | +06 31 12 | 5.97 | | 1.00 | 0.01 | LWP 7616 | L | 3 | 900.00 | 12 | ---/1.5x/ 82 |
| | | | | | | | | | | LWP 7618 | L | 1 | 210.00 | 12.5 | ---/ 183/ 65 |
| 145328 | TAU CRB | K1- III - IV | 11 | 16 07 08.5 | +36 37 01 | 4.76 | A | 1.01 | -0.08 | LWP 7263 | L | 1 | 70.00 | 11.5 | ---/ 205/ 33 |
| 166620 | | K2 V | 2 | 18 07 58.0 | +38 27 12 | 6.40 | | 0.87 | -0.05 | LWP 13411 | L | 3 | 210.00 | 11.4 | ---/ 127/ 35 |
| | | | | | | | | | | LWP 13417 | L | 3 | 630.00 | 11.2 | ---/1.5x/ 36 |
| 51440 | 62 AUR | K2 III | 13 | 06 55 38.5 | +38 07 23 | 6.00 | | 1.23 | 0.07 | LWP 7029 | L | 3 | 2520.00 | 8.5 | 204/ 225/ 72 |
| 54719 | TAU GEM | K2- III | 11 | 07 07 57.5 | +30 19 45 | 4.41 | | 1.26 | 0.10 | LWP 5905 | L | 3 | 576.00 | 10.2 | ---/ 210/ 36 |
| 66141 | | K2 III | 13 | 07 59 39.9 | +02 28 24 | 4.39 | | 1.25 | 0.09 | LWP 5902 | L | T | 738.07 | 9.5 | ---/ 193/ 72 |
| 72184 | | K2 III | 13 | 08 29 40.3 | +38 11 22 | 5.90 | | 1.11 | -0.05 | LWP 7258 | L | 1 | 480.00 | 11.2 | ---/ 225/ 35 |

| HD | NAME | SPECTRAL TYPE | R | RA | DEC | V | AB | (B-V) | E(B-V) | IMAGE | AP | N | EXP | THDA | DN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73471 | SIG HYA | K2 III | 13 | 08 36 08.7 | +03 31 05 | 4.44 | | 1.21 | 0.05 | LWP 5901 | L | T | 615.00 | 9.2 | ---/ 195/ 59 |
| 144872 | | K3 V | 13 | 16 04 41.9 | +38 46 22 | 8.61 | | 0.96 | 0.01 | LWP 15015 | L | 3 | 3600.00 | 11.9 | 146/ 178/ 41 |
| 219134 | | K3 V | 2 | 23 10 51.9 | +56 53 31 | 5.56 | | 1.01 | 0.06 | LWP 14537 | L | 3 | 255.00 | 10.5 | ---/ 143/ 40 |
| | | | | | | | | | | LWP 14539 | L | 3 | 600.00 | 10.5 | ---/1.5x/ 37 |
| 10380 | NU PSC | K3- IIIb Ba 0.1 | 11 | 01 38 49.6 | +05 14 07 | 4.44 | | 1.36 | 0.10 | LWP 7534 | L | 3 | 630.00 | 7.8 | 166/ 125/ 37 |
| | | | | | | | | | | LWP 7535 | L | 3 | 1260.00 | 7.8 | 255/ 205/ 40 |
| 35620 | PHI AUR | K3 III CN+2 | 11 | 05 24 19.8 | +34 26 07 | 5.07 | | 1.40 | 0.14 | LWP 7027 | L | 3 | 1080.00 | 9.1 | ---/ 121/ 35 |
| | | | | | | | | | | LWP 7533 | L | 3 | 1980.00 | 8.5 | 210/ 177/ 37 |
| 125560 | 20 BOO | K3 III | 13 | 14 17 23.1 | +16 32 06 | 4.86 | | 1.23 | -0.03 | LWP 7260 | L | 1 | 600.00 | 10.8 | ---/2.0x/ 84 |
| | | | | | | | | | | LWP 7262 | L | 1 | 360.00 | 11.2 | ---/ 212/ 41 |
| 132345 | 18 LIB | K3- III CN2 | 11 | 14 56 11.1 | -10 56 39 | 5.87 | A | 1.26 | 0.00 | LWP 7615 | L | 1 | 960.00 | 11.8 | ---/ 210/ 59 |
| 89388 | | K3 IIa | 13 | 10 14 49.1 | -63 39 51 | 3.40 | | 1.54 | 0.14 | LWP 13330 | L | T | 143.50 | 9.5 | 111/ 82/ 35 |
| | | | | | | | | | | LWP 13332 | L | 3 | 450.00 | 9.5 | 2.0x/ 210/ 39 |
| 70272 | 31 LYN | K7 III | 1 | 08 19 25.2 | +43 21 00 | 4.25 | | 1.55 | 0.02 | LWP 7030 | L | 3 | 1710.00 | 8.5 | 2.0x/ 180/ 50 |
| 52877 | SIG CMA | K7 Ib | 1 | 06 59 43.6 | -27 51 43 | 3.43 | | 1.72 | 0.19 | LWP 12977 | L | 1 | 120.00 | 9.5 | 1.5x/ 127/ 36 |
| 6860 | BET AND | M0 IIIa | 1 | 01 06 55.5 | +35 21 21 | 2.06 | | 1.58 | 0.01 | LWP 14600 | L | 3 | 360.00 | 9.1 | 2.0x/ 190/ 36 |
| | | | | | | | | | | | S | 1 | 70.00 | 8.8 | 175/ 66/ 35 |
| 9053 | GAM PHE | M0- IIIa | 11 | 01 26 11.8 | -43 34 25 | 3.41 | | 1.57 | 0.00 | LWP 15614 | L | 3 | 525.00 | 10.8 | 3.0x/ 180/ 37 |
| | | | | | | | | | | | S | 1 | 130.00 | 10.8 | 1.5x/ 83/ -- |
| 146051 | DEL OPH | M0.5 III | 1 | 16 11 43.3 | -03 34 01 | 2.74 | | 1.58 | 0.11 | LWP 11105 | L | T | 341.67 | 11.2 | 1.2x/ 102/ 34 |
| | | | | | | | | | | LWP 11462 | L | T | 205.00 | 5.8 | 195/ 75/ 35 |
| 95735 | | M2 V | 2 | 10 00 36.6 | +36 18 20 | 7.49 | A | 1.51 | 0.04 | LWP 12974 | L | 1 | 1200.00 | 9.8 | 99/ 66/ 35 |
| | | | | | | | | | | LWP 12975 | L | 3 | 9000.00 | 9.8 | 226/ 161/ 85 |
| 219734 | 8 AND | M2 III | 1 | 23 15 25.1 | +48 44 30 | 4.85 | | 1.67 | 0.07 | LWP 13558 | L | 2 | 240.00 | 11.2 | 112/ 58/ 34 |
| | | | | | | | | | | LWP 14391 | L | 3 | 900.00 | 7.9 | 199/ 81/ 35 |
| 206936 | MU CEP | M2 Ia | 1 | 21 41 58.5 | +58 33 00 | 4.08 | | 2.35 | 0.70 | LWP 13554 | L | 1 | 3600.00 | 11.2 | 1.5x/ 215/104 |
| 224427 | PSI PEG | M3 III | 1 | 23 55 12.4 | +24 51 48 | 4.66 | | 1.59 | -0.01 | LWP 14388 | L | 3 | 684.00 | 8.8 | 238/ 205/ 69 |
| 132813 | | M5 III | 1 | 14 56 46.8 | +66 07 52 | 4.60 | | 1.59 | -0.01 | LWP 12565 | L | 3 | 1440.00 | 12 | 5.0x/ 209/114 |
| | | | | | | | | | | LWP 12566 | L | 3 | 270.00 | 11.5 | 242/ 64/ 38 |

References for spectral type


(1) Morgan and Keenan 1973.
(2) Johnson and Morgan 1953.
(3) Walborn 1982.
(4) Walborn 1973a.
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(7) Lesh 1972.
(8) Garrison, Hiltner, and Schild 1977.
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(10) Cowley, Cowley, Jaschek, and Jaschek 1969.
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(13) Jaschek 1980.
(14) Buscombe 1984.

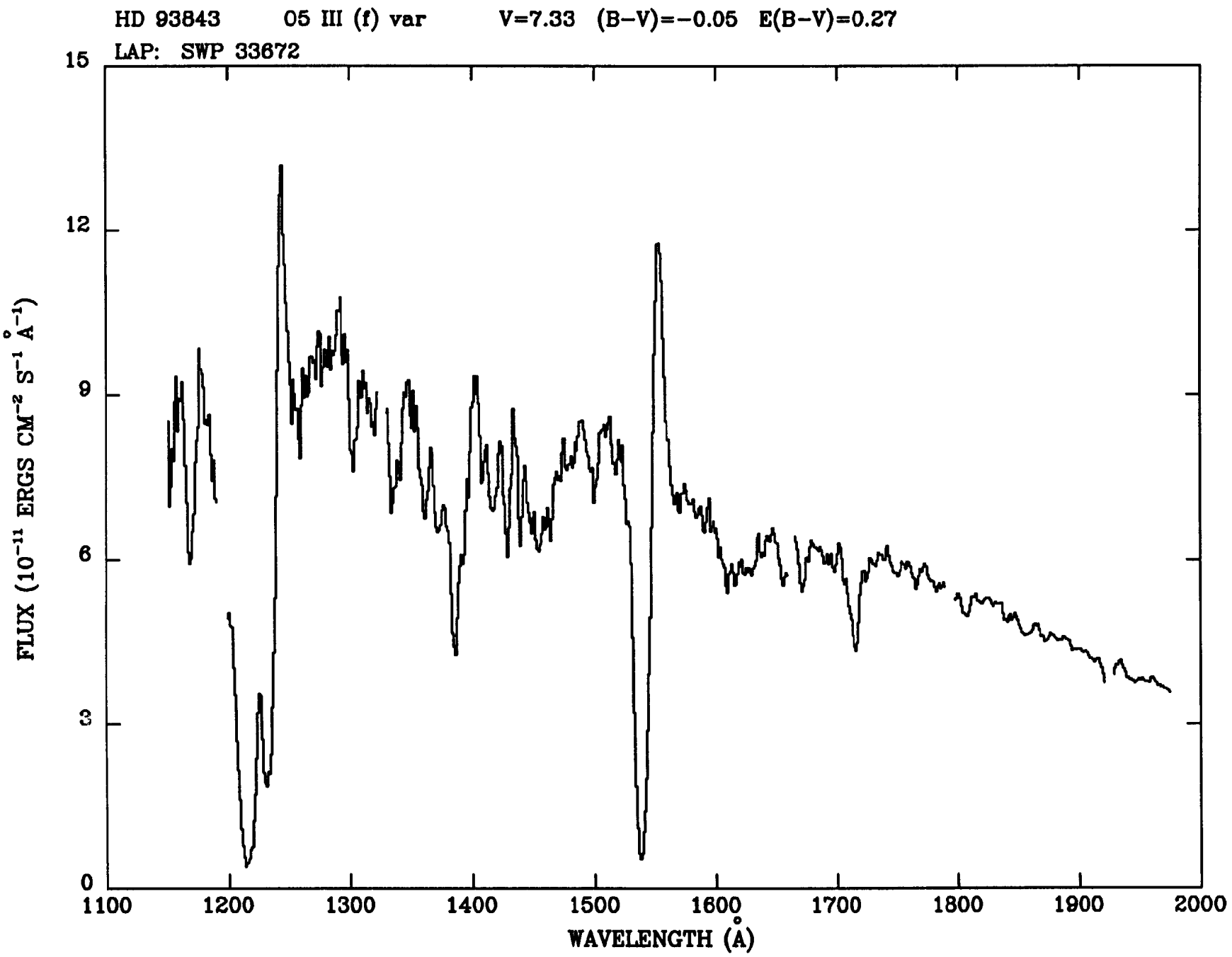
# THE IUE ULTRAVIOLET SPECTRAL ATLAS

# ADDENDUM I

**HD 93843 O5 III (f) var V=7.33 (B-V)=-0.05 E(B-V)=0.27**

**LAP: SWP 33672**

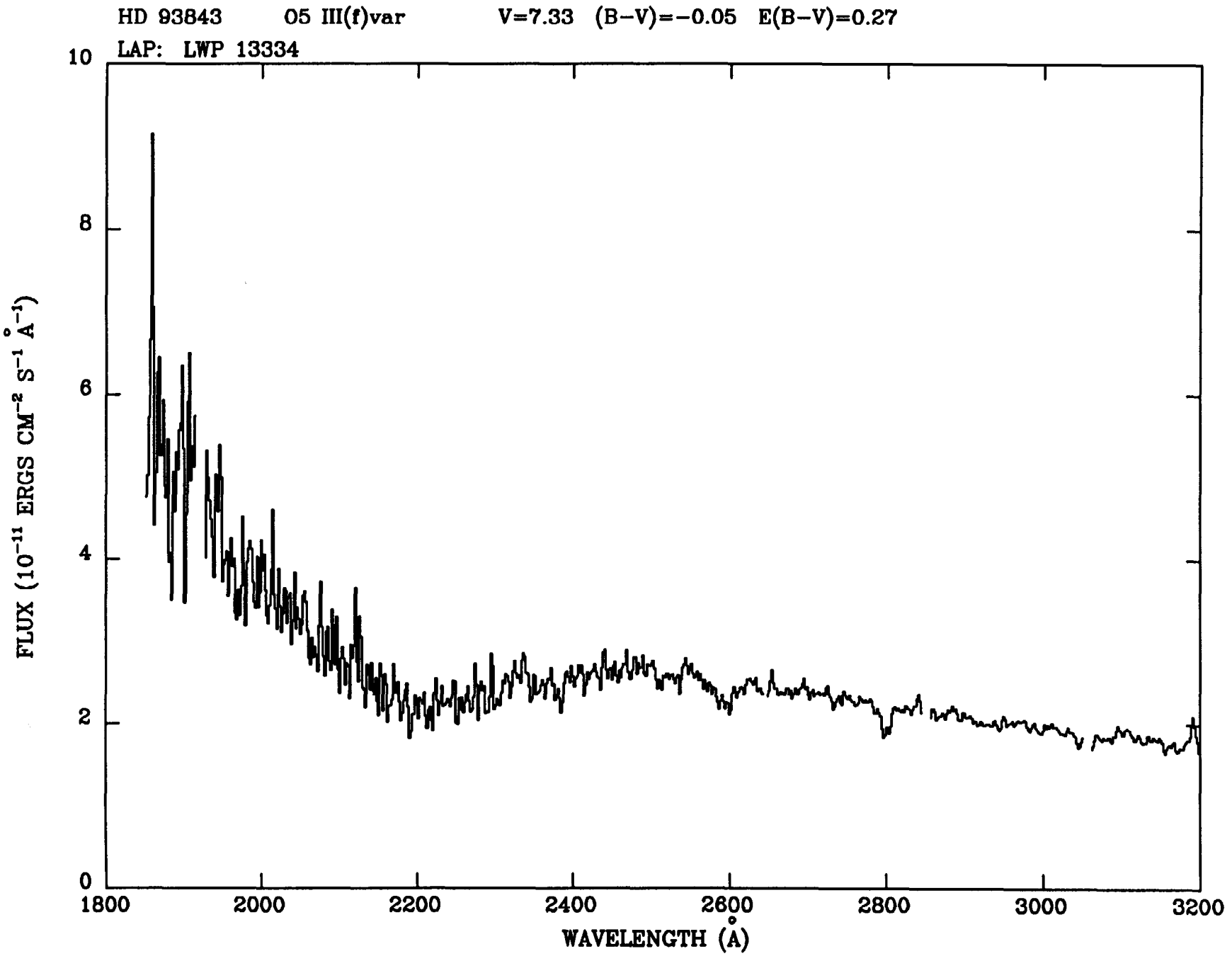
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 7.47E-11 | 1222 | 1.86E-11 | 1292 | 1.07E-10 | 1362 | 6.83E-11 | 1432 | 7.31E-11 | 1502 | 7.40E-11 | 1572 | 7.11E-11 | 1642 | 6.35E-11 | 1712 | 4.97E-11 | 1782 | 5.46E-11 | 1852 | 4.74E-11 | 1922 | 3.77E-11 |
| 1154 | 7.68E-11 | 1224 | 2.99E-11 | 1294 | 9.71E-11 | 1364 | 7.17E-11 | 1434 | 8.33E-11 | 1504 | 7.89E-11 | 1574 | 7.30E-11 | 1644 | 6.38E-11 | 1714 | 4.60E-11 | 1784 | 5.55E-11 | 1854 | 4.66E-11 | 1924 | |
| 1156 | 8.14E-11 | 1226 | 3.54E-11 | 1296 | 9.90E-11 | 1366 | 7.74E-11 | 1436 | 8.14E-11 | 1506 | 8.34E-11 | 1576 | 7.23E-11 | 1646 | 6.41E-11 | 1716 | 4.39E-11 | 1786 | 5.50E-11 | 1856 | 4.64E-11 | 1926 | |
| 1158 | 9.01E-11 | 1228 | 2.59E-11 | 1298 | 9.71E-11 | 1368 | 7.84E-11 | 1438 | 7.51E-11 | 1508 | 8.42E-11 | 1578 | 7.04E-11 | 1648 | 6.54E-11 | 1718 | 4.68E-11 | 1788 | 5.55E-11 | 1858 | 4.65E-11 | 1928 | 3.91E-11 |
| 1160 | 8.69E-11 | 1230 | 1.95E-11 | 1300 | 8.39E-11 | 1370 | 7.06E-11 | 1440 | 6.46E-11 | 1510 | 8.29E-11 | 1580 | 7.03E-11 | 1650 | 6.35E-11 | 1720 | 5.43E-11 | 1790 | 5.51E-11 | 1860 | 4.69E-11 | 1930 | 4.05E-11 |
| 1162 | 9.02E-11 | 1232 | 2.02E-11 | 1302 | 7.88E-11 | 1372 | 6.56E-11 | 1442 | 7.18E-11 | 1512 | 8.48E-11 | 1582 | 7.02E-11 | 1652 | 6.15E-11 | 1722 | 5.75E-11 | 1792 | | 1862 | 4.78E-11 | 1932 | 4.10E-11 |
| 1164 | 8.52E-11 | 1234 | 2.23E-11 | 1304 | 7.94E-11 | 1374 | 6.55E-11 | 1444 | 7.60E-11 | 1514 | 8.30E-11 | 1584 | 6.81E-11 | 1654 | 5.80E-11 | 1724 | 5.69E-11 | 1794 | | 1864 | 4.83E-11 | 1934 | 4.17E-11 |
| 1166 | 7.31E-11 | 1236 | 3.33E-11 | 1306 | 8.27E-11 | 1376 | 6.80E-11 | 1446 | 7.08E-11 | 1516 | 7.76E-11 | 1586 | 6.89E-11 | 1656 | 5.59E-11 | 1726 | 5.72E-11 | 1796 | | 1866 | 4.80E-11 | 1936 | 4.06E-11 |
| 1168 | 6.05E-11 | 1238 | 4.90E-11 | 1308 | 9.01E-11 | 1378 | 6.97E-11 | 1448 | 6.75E-11 | 1518 | 7.65E-11 | 1588 | 6.91E-11 | 1658 | 5.74E-11 | 1728 | 5.98E-11 | 1798 | 5.28E-11 | 1868 | 4.66E-11 | 1938 | 3.95E-11 |
| 1170 | 6.15E-11 | 1240 | 8.18E-11 | 1310 | 8.98E-11 | 1380 | 6.63E-11 | 1450 | 6.61E-11 | 1520 | 8.03E-11 | 1590 | 6.58E-11 | 1660 | 5.72E-11 | 1730 | 5.95E-11 | 1800 | 5.37E-11 | 1870 | 4.62E-11 | 1940 | 3.86E-11 |
| 1172 | 6.83E-11 | 1242 | 1.13E-10 | 1312 | 9.27E-11 | 1382 | 6.28E-11 | 1452 | 6.71E-11 | 1522 | 7.87E-11 | 1592 | 6.66E-11 | 1662 | | 1732 | 5.91E-11 | 1802 | 5.31E-11 | 1872 | 4.54E-11 | 1942 | 3.82E-11 |
| 1174 | 7.97E-11 | 1244 | 1.29E-10 | 1314 | 9.04E-11 | 1384 | 5.03E-11 | 1454 | 6.24E-11 | 1524 | 7.84E-11 | 1594 | 7.04E-11 | 1664 | | 1734 | 6.02E-11 | 1804 | 5.10E-11 | 1874 | 4.55E-11 | 1944 | 3.80E-11 |
| 1176 | 8.81E-11 | 1246 | 1.16E-10 | 1316 | 8.84E-11 | 1386 | 4.40E-11 | 1456 | 6.22E-11 | 1526 | 7.14E-11 | 1596 | 6.61E-11 | 1666 | 6.38E-11 | 1736 | 6.10E-11 | 1806 | 5.02E-11 | 1876 | 4.64E-11 | 1946 | 3.78E-11 |
| 1178 | 9.57E-11 | 1248 | 1.06E-10 | 1318 | 8.63E-11 | 1388 | 4.81E-11 | 1458 | 6.55E-11 | 1528 | 6.68E-11 | 1598 | 6.66E-11 | 1668 | 6.13E-11 | 1738 | 6.05E-11 | 1808 | 5.00E-11 | 1878 | 4.65E-11 | 1948 | 3.80E-11 |
| 1180 | 9.26E-11 | 1250 | 9.70E-11 | 1320 | 8.42E-11 | 1390 | 5.73E-11 | 1460 | 6.62E-11 | 1530 | 6.41E-11 | 1600 | 6.54E-11 | 1670 | 5.67E-11 | 1740 | 6.06E-11 | 1810 | 5.12E-11 | 1880 | 4.60E-11 | 1950 | 3.83E-11 |
| 1182 | 8.53E-11 | 1252 | 8.76E-11 | 1322 | 8.68E-11 | 1392 | 6.01E-11 | 1462 | 6.79E-11 | 1532 | 4.65E-11 | 1602 | 6.29E-11 | 1672 | 5.49E-11 | 1742 | 6.21E-11 | 1812 | 5.31E-11 | 1882 | 4.55E-11 | 1952 | 3.83E-11 |
| 1184 | 8.50E-11 | 1254 | 9.17E-11 | 1324 | 9.04E-11 | 1394 | 6.22E-11 | 1464 | 6.59E-11 | 1534 | 2.40E-11 | 1604 | 6.15E-11 | 1674 | 5.80E-11 | 1744 | 6.00E-11 | 1814 | 5.34E-11 | 1884 | 4.56E-11 | 1954 | 3.79E-11 |
| 1186 | 8.20E-11 | 1256 | 8.78E-11 | 1326 | | 1396 | 7.24E-11 | 1466 | 6.79E-11 | 1536 | 9.12E-12 | 1606 | 5.97E-11 | 1676 | 6.03E-11 | 1746 | 5.85E-11 | 1816 | 5.31E-11 | 1886 | 4.56E-11 | 1956 | 3.78E-11 |
| 1188 | 7.58E-11 | 1258 | 8.41E-11 | 1328 | | 1398 | 7.46E-11 | 1468 | 7.44E-11 | 1538 | 5.68E-12 | 1608 | 5.73E-11 | 1678 | 6.13E-11 | 1748 | 5.77E-11 | 1818 | 5.25E-11 | 1888 | 4.60E-11 | 1958 | 3.79E-11 |
| 1190 | 7.24E-11 | 1260 | 8.23E-11 | 1330 | 8.66E-11 | 1400 | 8.62E-11 | 1470 | 7.54E-11 | 1540 | 8.62E-12 | 1610 | 5.50E-11 | 1680 | 6.33E-11 | 1750 | 5.73E-11 | 1820 | 5.22E-11 | 1890 | 4.56E-11 | 1960 | 3.86E-11 |
| 1192 | 7.04E-11 | 1262 | 9.21E-11 | 1332 | 8.49E-11 | 1402 | 9.13E-11 | 1472 | 7.50E-11 | 1542 | 1.65E-11 | 1612 | 5.78E-11 | 1682 | 6.25E-11 | 1752 | 5.76E-11 | 1822 | 5.28E-11 | 1892 | 4.52E-11 | 1962 | 3.81E-11 |
| 1194 | | 1264 | 9.19E-11 | 1334 | 7.41E-11 | 1404 | 9.17E-11 | 1474 | 7.79E-11 | 1544 | 3.06E-11 | 1614 | 5.85E-11 | 1684 | 6.21E-11 | 1754 | 5.93E-11 | 1824 | 5.31E-11 | 1894 | 4.39E-11 | 1964 | 3.76E-11 |
| 1196 | | 1266 | 9.00E-11 | 1336 | 7.01E-11 | 1406 | 8.70E-11 | 1476 | 7.95E-11 | 1546 | 4.81E-11 | 1616 | 5.57E-11 | 1686 | 6.21E-11 | 1756 | 5.91E-11 | 1826 | 5.29E-11 | 1896 | 4.38E-11 | 1966 | 3.72E-11 |
| 1198 | | 1268 | 9.61E-11 | 1338 | 7.32E-11 | 1408 | 7.66E-11 | 1478 | 7.67E-11 | 1548 | 7.45E-11 | 1618 | 5.71E-11 | 1688 | 6.16E-11 | 1758 | 5.90E-11 | 1828 | 5.21E-11 | 1898 | 4.37E-11 | 1968 | 3.69E-11 |
| 1200 | 4.98E-11 | 1270 | 9.61E-11 | 1340 | 7.69E-11 | 1410 | 7.62E-11 | 1480 | 7.75E-11 | 1550 | 9.88E-11 | 1620 | 5.92E-11 | 1690 | 5.98E-11 | 1760 | 5.93E-11 | 1830 | 5.19E-11 | 1900 | 4.38E-11 | 1970 | 3.67E-11 |
| 1202 | 4.81E-11 | 1272 | 9.51E-11 | 1342 | 7.57E-11 | 1412 | 8.00E-11 | 1482 | 7.78E-11 | 1552 | 1.14E-10 | 1622 | 5.92E-11 | 1692 | 6.03E-11 | 1762 | 5.79E-11 | 1832 | 5.23E-11 | 1902 | 4.36E-11 | 1972 | 3.64E-11 |
| 1204 | 4.17E-11 | 1274 | 9.91E-11 | 1344 | 8.43E-11 | 1414 | 7.66E-11 | 1484 | 7.87E-11 | 1554 | 1.17E-10 | 1624 | 5.77E-11 | 1694 | 5.96E-11 | 1764 | 5.67E-11 | 1834 | 5.21E-11 | 1904 | 4.33E-11 | 1974 | 3.61E-11 |
| 1206 | 3.02E-11 | 1276 | 9.79E-11 | 1346 | 8.99E-11 | 1416 | 7.03E-11 | 1486 | 8.07E-11 | 1556 | 1.07E-10 | 1626 | 5.82E-11 | 1696 | 6.03E-11 | 1766 | 5.51E-11 | 1836 | 5.21E-11 | 1906 | 4.34E-11 | | |
| 1208 | 1.94E-11 | 1278 | 9.36E-11 | 1348 | 9.18E-11 | 1418 | 6.91E-11 | 1488 | 8.39E-11 | 1558 | 9.30E-11 | 1628 | 5.84E-11 | 1698 | 5.82E-11 | 1768 | 5.70E-11 | 1838 | 4.98E-11 | 1908 | 4.28E-11 | | |
| 1210 | 1.12E-11 | 1280 | 9.81E-11 | 1350 | 8.87E-11 | 1420 | 7.15E-11 | 1490 | 8.52E-11 | 1560 | 8.31E-11 | 1630 | 5.77E-11 | 1700 | 5.99E-11 | 1770 | 5.80E-11 | 1840 | 4.91E-11 | 1910 | 4.21E-11 | | |
| 1212 | 6.42E-12 | 1282 | 9.67E-11 | 1352 | 8.66E-11 | 1422 | 7.68E-11 | 1492 | 8.36E-11 | 1562 | 7.99E-11 | 1632 | 5.88E-11 | 1702 | 6.25E-11 | 1772 | 5.90E-11 | 1842 | 4.94E-11 | 1912 | 4.19E-11 | | |
| 1214 | 4.16E-12 | 1284 | 9.69E-11 | 1354 | 8.57E-11 | 1424 | 8.11E-11 | 1494 | 8.05E-11 | 1564 | 7.40E-11 | 1634 | 6.16E-11 | 1704 | 6.10E-11 | 1774 | 5.86E-11 | 1844 | 4.97E-11 | 1914 | 4.17E-11 | | |
| 1216 | 4.78E-12 | 1286 | 9.76E-11 | 1356 | 8.51E-11 | 1426 | 7.32E-11 | 1496 | 7.78E-11 | 1566 | 7.09E-11 | 1636 | 6.38E-11 | 1706 | 5.60E-11 | 1776 | 5.68E-11 | 1846 | 4.96E-11 | 1916 | 4.20E-11 | | |
| 1218 | 6.56E-12 | 1288 | 9.83E-11 | 1358 | 7.57E-11 | 1428 | 6.60E-11 | 1498 | 7.63E-11 | 1568 | 7.19E-11 | 1638 | 6.09E-11 | 1708 | 5.56E-11 | 1778 | 5.62E-11 | 1848 | 4.99E-11 | 1918 | 4.11E-11 | | |
| 1220 | 9.91E-12 | 1290 | 1.04E-10 | 1360 | 7.23E-11 | 1430 | 6.32E-11 | 1500 | 7.26E-11 | 1570 | 6.92E-11 | 1640 | 6.10E-11 | 1710 | 5.22E-11 | 1780 | 5.58E-11 | 1850 | 4.86E-11 | 1920 | 3.94E-11 | | |


HD 93843 05 III (f) var V=7.33 (B-V)=-0.05 E(B-V)=0.27
LAP: SWP 33672
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 93843 O5 III(f)var V=7.33 (B-V)=-0.05 E(B-V)=0.27**

**LAP: LWP 13334**

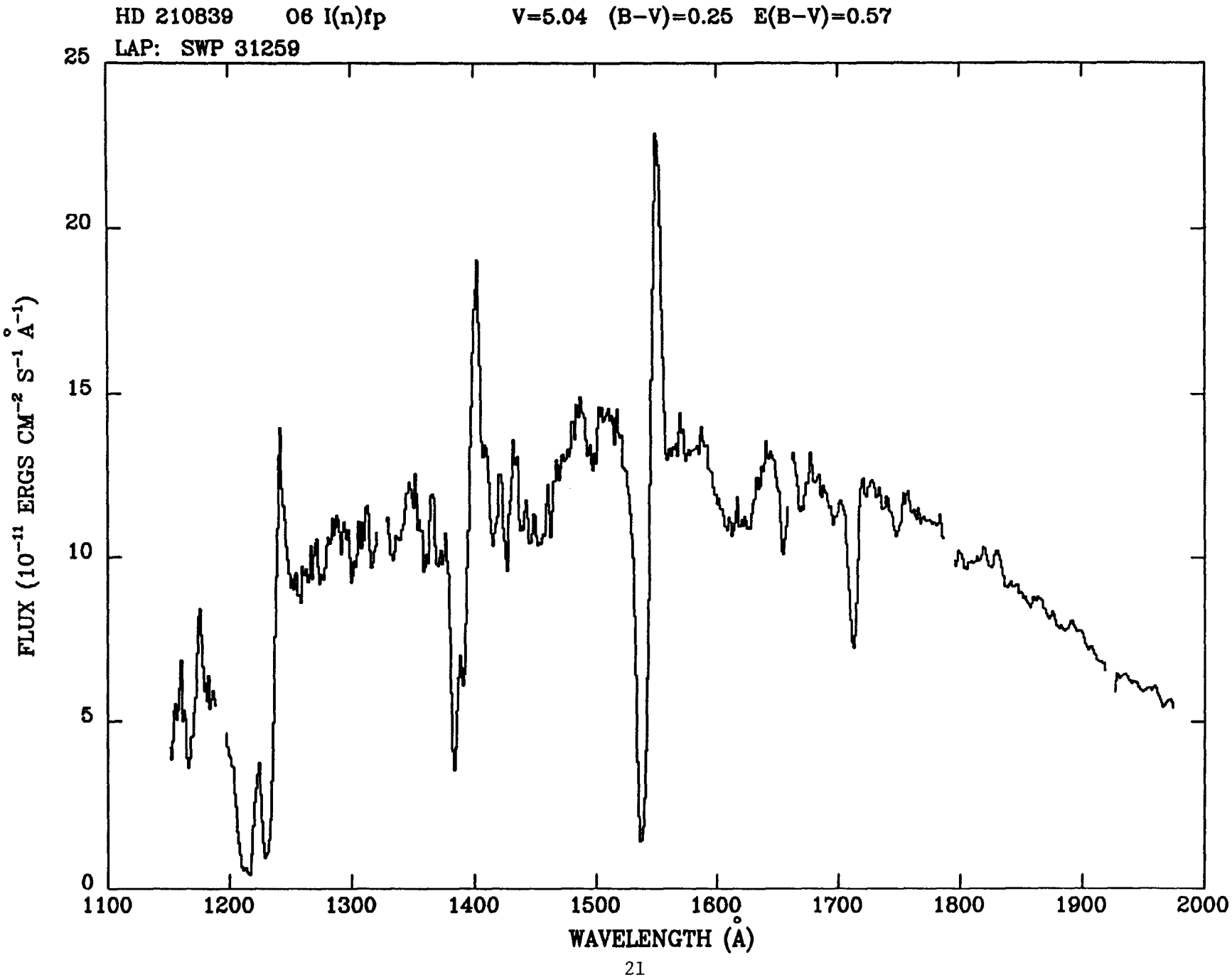
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.18E-11 | 2078 | 3.45E-11 | 2180 | 2.05E-11 | 2282 | 2.47E-11 | 2384 | 2.28E-11 | 2486 | 2.69E-11 | 2588 | 2.21E-11 | 2690 | 2.42E-11 | 2792 | 2.12E-11 | 2894 | 2.05E-11 | 2996 | 1.90E-11 | 3098 | 1.94E-11 |
| 1978 | 4.09E-11 | 2080 | 2.98E-11 | 2182 | 2.15E-11 | 2284 | 2.43E-11 | 2386 | 2.17E-11 | 2488 | 2.68E-11 | 2590 | 2.31E-11 | 2692 | 2.44E-11 | 2794 | 2.02E-11 | 2896 | 2.06E-11 | 2998 | 1.89E-11 | 3100 | 1.90E-11 |
| 1980 | 3.36E-11 | 2082 | 2.67E-11 | 2184 | 2.31E-11 | 2286 | 2.44E-11 | 2388 | 2.34E-11 | 2490 | 2.82E-11 | 2592 | 2.32E-11 | 2694 | 2.49E-11 | 2796 | 1.88E-11 | 2898 | 2.14E-11 | 3000 | 1.91E-11 | 3102 | 1.87E-11 |
| 1982 | 3.81E-11 | 2084 | 2.96E-11 | 2186 | 2.43E-11 | 2288 | 2.18E-11 | 2390 | 2.54E-11 | 2492 | 2.62E-11 | 2594 | 2.22E-11 | 2696 | 2.54E-11 | 2798 | 1.85E-11 | 2900 | 2.12E-11 | 3002 | 1.98E-11 | 3104 | 1.89E-11 |
| 1984 | 4.11E-11 | 2086 | 3.16E-11 | 2188 | 2.39E-11 | 2290 | 2.14E-11 | 2392 | 2.62E-11 | 2494 | 2.59E-11 | 2596 | 2.23E-11 | 2698 | 2.43E-11 | 2800 | 1.93E-11 | 2902 | 2.08E-11 | 3004 | 1.97E-11 | 3106 | 1.94E-11 |
| 1986 | 4.22E-11 | 2088 | 2.81E-11 | 2190 | 2.03E-11 | 2292 | 2.13E-11 | 2394 | 2.60E-11 | 2496 | 2.72E-11 | 2598 | 2.26E-11 | 2700 | 2.42E-11 | 2802 | 1.96E-11 | 2904 | 2.08E-11 | 3006 | 1.99E-11 | 3108 | 1.95E-11 |
| 1988 | 4.11E-11 | 2090 | 2.66E-11 | 2192 | 1.86E-11 | 2294 | 2.35E-11 | 2396 | 2.53E-11 | 2498 | 2.70E-11 | 2600 | 2.15E-11 | 2702 | 2.33E-11 | 2804 | 1.90E-11 | 2906 | 2.10E-11 | 3008 | 1.97E-11 | 3110 | 1.93E-11 |
| 1990 | 3.68E-11 | 2092 | 3.34E-11 | 2194 | 2.02E-11 | 2296 | 2.83E-11 | 2398 | 2.63E-11 | 2500 | 2.71E-11 | 2602 | 2.16E-11 | 2704 | 2.33E-11 | 2806 | 1.97E-11 | 2908 | 2.09E-11 | 3010 | 1.98E-11 | 3112 | 1.90E-11 |
| 1992 | 3.46E-11 | 2094 | 3.15E-11 | 2196 | 2.11E-11 | 2298 | 2.59E-11 | 2400 | 2.61E-11 | 2502 | 2.74E-11 | 2604 | 2.34E-11 | 2706 | 2.40E-11 | 2808 | 2.12E-11 | 2910 | 2.04E-11 | 3012 | 2.00E-11 | 3114 | 1.86E-11 |
| 1994 | 3.57E-11 | 2096 | 2.80E-11 | 2198 | 2.27E-11 | 2300 | 2.18E-11 | 2402 | 2.48E-11 | 2504 | 2.73E-11 | 2606 | 2.44E-11 | 2708 | 2.37E-11 | 2810 | 2.19E-11 | 2912 | 2.03E-11 | 3014 | 1.97E-11 | 3116 | 1.82E-11 |
| 1996 | 3.85E-11 | 2098 | 3.14E-11 | 2200 | 2.26E-11 | 2302 | 2.24E-11 | 2404 | 2.53E-11 | 2506 | 2.61E-11 | 2608 | 2.39E-11 | 2710 | 2.35E-11 | 2812 | 2.20E-11 | 2914 | 2.04E-11 | 3016 | 1.97E-11 | 3118 | 1.81E-11 |
| 1998 | 3.48E-11 | 2100 | 2.57E-11 | 2202 | 2.10E-11 | 2304 | 2.29E-11 | 2406 | 2.57E-11 | 2508 | 2.48E-11 | 2610 | 2.33E-11 | 2712 | 2.37E-11 | 2814 | 2.18E-11 | 2916 | 2.00E-11 | 3018 | 1.96E-11 | 3120 | 1.83E-11 |
| 2000 | 3.98E-11 | 2102 | 2.52E-11 | 2204 | 2.27E-11 | 2306 | 2.25E-11 | 2408 | 2.70E-11 | 2510 | 2.49E-11 | 2612 | 2.40E-11 | 2714 | 2.39E-11 | 2816 | 2.18E-11 | 2918 | 2.00E-11 | 3020 | 1.93E-11 | 3122 | 1.87E-11 |
| 2002 | 3.92E-11 | 2104 | 2.86E-11 | 2206 | 2.28E-11 | 2308 | 2.31E-11 | 2410 | 2.63E-11 | 2512 | 2.48E-11 | 2614 | 2.44E-11 | 2716 | 2.36E-11 | 2818 | 2.16E-11 | 2920 | 2.03E-11 | 3022 | 1.90E-11 | 3124 | 1.84E-11 |
| 2004 | 4.04E-11 | 2106 | 2.86E-11 | 2208 | 2.24E-11 | 2310 | 2.46E-11 | 2412 | 2.68E-11 | 2514 | 2.43E-11 | 2616 | 2.44E-11 | 2718 | 2.37E-11 | 2820 | 2.16E-11 | 2922 | 2.02E-11 | 3024 | 1.89E-11 | 3126 | 1.79E-11 |
| 2006 | 3.62E-11 | 2108 | 2.62E-11 | 2210 | 2.33E-11 | 2312 | 2.50E-11 | 2414 | 2.53E-11 | 2516 | 2.55E-11 | 2618 | 2.40E-11 | 2720 | 2.38E-11 | 2822 | 2.16E-11 | 2924 | 1.99E-11 | 3026 | 1.88E-11 | 3128 | 1.77E-11 |
| 2008 | 3.31E-11 | 2110 | 2.64E-11 | 2212 | 2.06E-11 | 2314 | 2.57E-11 | 2416 | 2.38E-11 | 2518 | 2.56E-11 | 2620 | 2.42E-11 | 2722 | 2.35E-11 | 2824 | 2.18E-11 | 2926 | 1.99E-11 | 3028 | 1.87E-11 | 3130 | 1.78E-11 |
| 2010 | 3.26E-11 | 2112 | 2.71E-11 | 2214 | 2.00E-11 | 2316 | 2.58E-11 | 2418 | 2.53E-11 | 2520 | 2.60E-11 | 2622 | 2.51E-11 | 2724 | 2.44E-11 | 2826 | 2.21E-11 | 2928 | 2.00E-11 | 3030 | 1.90E-11 | 3132 | 1.81E-11 |
| 2012 | 3.55E-11 | 2114 | 2.40E-11 | 2216 | 2.18E-11 | 2318 | 2.51E-11 | 2420 | 2.59E-11 | 2522 | 2.61E-11 | 2624 | 2.54E-11 | 2726 | 2.45E-11 | 2828 | 2.19E-11 | 2930 | 2.00E-11 | 3032 | 1.95E-11 | 3134 | 1.86E-11 |
| 2014 | 4.10E-11 | 2116 | 2.83E-11 | 2218 | 2.14E-11 | 2320 | 2.32E-11 | 2422 | 2.57E-11 | 2524 | 2.55E-11 | 2626 | 2.55E-11 | 2728 | 2.35E-11 | 2830 | 2.18E-11 | 2932 | 2.00E-11 | 3034 | 1.92E-11 | 3136 | 1.84E-11 |
| 2016 | 4.25E-11 | 2118 | 2.83E-11 | 2220 | 1.98E-11 | 2322 | 2.46E-11 | 2424 | 2.62E-11 | 2526 | 2.59E-11 | 2628 | 2.53E-11 | 2730 | 2.31E-11 | 2832 | 2.13E-11 | 2934 | 1.99E-11 | 3036 | 1.90E-11 | 3138 | 1.81E-11 |
| 2018 | 3.50E-11 | 2120 | 2.95E-11 | 2222 | 2.17E-11 | 2324 | 2.66E-11 | 2426 | 2.65E-11 | 2528 | 2.58E-11 | 2630 | 2.49E-11 | 2732 | 2.24E-11 | 2834 | 2.17E-11 | 2936 | 2.01E-11 | 3038 | 1.89E-11 | 3140 | 1.83E-11 |
| 2020 | 3.28E-11 | 2122 | 3.61E-11 | 2224 | 2.48E-11 | 2326 | 2.73E-11 | 2428 | 2.70E-11 | 2530 | 2.52E-11 | 2632 | 2.52E-11 | 2734 | 2.20E-11 | 2836 | 2.22E-11 | 2938 | 2.04E-11 | 3040 | 1.86E-11 | 3142 | 1.83E-11 |
| 2022 | 3.55E-11 | 2124 | 2.71E-11 | 2226 | 2.37E-11 | 2328 | 2.60E-11 | 2430 | 2.65E-11 | 2532 | 2.52E-11 | 2634 | 2.56E-11 | 2736 | 2.24E-11 | 2838 | 2.22E-11 | 2940 | 2.02E-11 | 3042 | 1.84E-11 | 3144 | 1.81E-11 |
| 2024 | 3.61E-11 | 2126 | 2.67E-11 | 2228 | 2.15E-11 | 2330 | 2.56E-11 | 2432 | 2.58E-11 | 2534 | 2.58E-11 | 2636 | 2.41E-11 | 2738 | 2.29E-11 | 2840 | 2.32E-11 | 2942 | 1.97E-11 | 3044 | 1.76E-11 | 3146 | 1.80E-11 |
| 2026 | 3.22E-11 | 2128 | 3.25E-11 | 2230 | 2.22E-11 | 2332 | 2.55E-11 | 2434 | 2.55E-11 | 2536 | 2.48E-11 | 2638 | 2.43E-11 | 2740 | 2.33E-11 | 2842 | 2.35E-11 | 2944 | 1.93E-11 | 3046 | 1.72E-11 | 3148 | 1.83E-11 |
| 2028 | 3.28E-11 | 2130 | 2.84E-11 | 2232 | 2.42E-11 | 2334 | 2.62E-11 | 2436 | 2.43E-11 | 2538 | 2.46E-11 | 2640 | 2.43E-11 | 2742 | 2.29E-11 | 2844 | 2.25E-11 | 2946 | 1.95E-11 | 3048 | 1.76E-11 | 3150 | 1.81E-11 |
| 2030 | 3.59E-11 | 2132 | 2.43E-11 | 2234 | 2.22E-11 | 2336 | 2.82E-11 | 2438 | 2.70E-11 | 2540 | 2.63E-11 | 2642 | 2.38E-11 | 2744 | 2.24E-11 | 2846 | 2.14E-11 | 2948 | 2.04E-11 | 3050 | 1.81E-11 | 3152 | 1.77E-11 |
| 2032 | 3.61E-11 | 2134 | 2.32E-11 | 2236 | 2.22E-11 | 2338 | 2.84E-11 | 2440 | 2.87E-11 | 2542 | 2.71E-11 | 2644 | 2.36E-11 | 2746 | 2.36E-11 | 2848 | | 2950 | 2.09E-11 | 3052 | 1.83E-11 | 3154 | 1.68E-11 |
| 2034 | 3.24E-11 | 2136 | 2.48E-11 | 2238 | 2.26E-11 | 2340 | 2.69E-11 | 2442 | 2.84E-11 | 2544 | 2.79E-11 | 2646 | | 2748 | 2.37E-11 | 2850 | | 2952 | 2.06E-11 | 3054 | | 3156 | 1.66E-11 |
| 2036 | 3.54E-11 | 2138 | 2.65E-11 | 2240 | 2.29E-11 | 2342 | 2.61E-11 | 2444 | 2.62E-11 | 2546 | 2.72E-11 | 2648 | 2.34E-11 | 2750 | 2.32E-11 | 2852 | | 2954 | 1.99E-11 | 3056 | | 3158 | 1.72E-11 |
| 2038 | 3.49E-11 | 2140 | 2.48E-11 | 2242 | 2.26E-11 | 2344 | 2.49E-11 | 2446 | 2.58E-11 | 2548 | 2.61E-11 | 2650 | 2.37E-11 | 2752 | 2.31E-11 | 2854 | | 2956 | 2.01E-11 | 3058 | | 3160 | 1.74E-11 |
| 2040 | 3.03E-11 | 2142 | 2.65E-11 | 2244 | 2.24E-11 | 2346 | 2.29E-11 | 2448 | 2.66E-11 | 2550 | 2.66E-11 | 2652 | 2.47E-11 | 2754 | 2.34E-11 | 2856 | 2.09E-11 | 2958 | 2.02E-11 | 3060 | | 3162 | 1.74E-11 |
| 2042 | 3.40E-11 | 2144 | 2.46E-11 | 2246 | 2.39E-11 | 2348 | 2.29E-11 | 2450 | 2.61E-11 | 2552 | 2.71E-11 | 2654 | 2.60E-11 | 2756 | 2.29E-11 | 2858 | 2.16E-11 | 2960 | 2.03E-11 | 3062 | 1.70E-11 | 3164 | 1.75E-11 |
| 2044 | 3.60E-11 | 2146 | 2.36E-11 | 2248 | 2.52E-11 | 2350 | 2.57E-11 | 2452 | 2.63E-11 | 2554 | 2.60E-11 | 2656 | 2.55E-11 | 2758 | 2.27E-11 | 2860 | 2.19E-11 | 2962 | 2.02E-11 | 3064 | 1.73E-11 | 3166 | 1.78E-11 |
| 2046 | 3.26E-11 | 2148 | 2.55E-11 | 2250 | 2.26E-11 | 2352 | 2.55E-11 | 2454 | 2.73E-11 | 2556 | 2.56E-11 | 2658 | 2.45E-11 | 2760 | 2.26E-11 | 2862 | 2.16E-11 | 2964 | 2.00E-11 | 3066 | 1.81E-11 | 3168 | 1.73E-11 |
| 2048 | 3.36E-11 | 2150 | 2.26E-11 | 2252 | 2.00E-11 | 2354 | 2.36E-11 | 2456 | 2.63E-11 | 2558 | 2.59E-11 | 2660 | 2.43E-11 | 2762 | 2.23E-11 | 2864 | 2.06E-11 | 2966 | 2.02E-11 | 3068 | 1.87E-11 | 3170 | 1.67E-11 |
| 2050 | 3.18E-11 | 2152 | 2.20E-11 | 2254 | 2.20E-11 | 2356 | 2.39E-11 | 2458 | 2.52E-11 | 2560 | 2.59E-11 | 2662 | 2.37E-11 | 2764 | 2.24E-11 | 2866 | 2.08E-11 | 2968 | 2.04E-11 | 3070 | 1.87E-11 | 3172 | 1.67E-11 |
| 2052 | 3.16E-11 | 2154 | 2.70E-11 | 2256 | 2.21E-11 | 2358 | 2.42E-11 | 2460 | 2.63E-11 | 2562 | 2.56E-11 | 2664 | 2.35E-11 | 2766 | 2.30E-11 | 2868 | 2.10E-11 | 2970 | 2.04E-11 | 3072 | 1.84E-11 | 3174 | 1.70E-11 |
| 2054 | 3.43E-11 | 2156 | 2.47E-11 | 2258 | 2.28E-11 | 2360 | 2.49E-11 | 2462 | 2.57E-11 | 2564 | 2.56E-11 | 2666 | 2.39E-11 | 2768 | 2.31E-11 | 2870 | 2.11E-11 | 2972 | 2.03E-11 | 3074 | 1.82E-11 | 3176 | 1.71E-11 |
| 2056 | 3.59E-11 | 2158 | 2.29E-11 | 2260 | 2.16E-11 | 2362 | 2.51E-11 | 2464 | 2.67E-11 | 2566 | 2.47E-11 | 2668 | 2.37E-11 | 2770 | 2.28E-11 | 2872 | 2.13E-11 | 2974 | 2.04E-11 | 3076 | 1.82E-11 | 3178 | 1.71E-11 |
| 2058 | 3.51E-11 | 2160 | 2.56E-11 | 2262 | 2.24E-11 | 2364 | 2.39E-11 | 2466 | 2.73E-11 | 2568 | 2.49E-11 | 2670 | 2.37E-11 | 2772 | 2.27E-11 | 2874 | 2.10E-11 | 2976 | 2.05E-11 | 3078 | 1.83E-11 | 3180 | 1.75E-11 |
| 2060 | 3.18E-11 | 2162 | 2.28E-11 | 2264 | 2.36E-11 | 2366 | 2.41E-11 | 2468 | 2.74E-11 | 2570 | 2.49E-11 | 2672 | 2.37E-11 | 2774 | 2.28E-11 | 2876 | 2.09E-11 | 2978 | 2.04E-11 | 3080 | 1.82E-11 | 3182 | 1.78E-11 |
| 2062 | 2.82E-11 | 2164 | 2.12E-11 | 2266 | 2.43E-11 | 2368 | 2.53E-11 | 2470 | 2.83E-11 | 2572 | 2.41E-11 | 2674 | 2.43E-11 | 2776 | 2.27E-11 | 2878 | 2.15E-11 | 2980 | 1.98E-11 | 3082 | 1.83E-11 | 3184 | 1.80E-11 |
| 2064 | 2.74E-11 | 2166 | 2.21E-11 | 2268 | 2.26E-11 | 2370 | 2.54E-11 | 2472 | 2.60E-11 | 2574 | 2.48E-11 | 2676 | 2.40E-11 | 2778 | 2.27E-11 | 2880 | 2.16E-11 | 2982 | 1.93E-11 | 3084 | 1.84E-11 | 3186 | 1.81E-11 |
| 2066 | 3.01E-11 | 2168 | 2.26E-11 | 2270 | 2.15E-11 | 2372 | 2.64E-11 | 2474 | 2.55E-11 | 2576 | 2.47E-11 | 2678 | 2.38E-11 | 2780 | 2.30E-11 | 2882 | 2.17E-11 | 2984 | 1.92E-11 | 3086 | 1.81E-11 | 3188 | 1.89E-11 |
| 2068 | 2.83E-11 | 2170 | 2.59E-11 | 2272 | 2.21E-11 | 2374 | 2.50E-11 | 2476 | 2.59E-11 | 2578 | 2.37E-11 | 2680 | 2.35E-11 | 2782 | 2.27E-11 | 2884 | 2.21E-11 | 2986 | 1.97E-11 | 3088 | 1.79E-11 | 3190 | 2.03E-11 |
| 2070 | 2.91E-11 | 2172 | 2.50E-11 | 2274 | 2.46E-11 | 2376 | 2.48E-11 | 2478 | 2.73E-11 | 2580 | 2.44E-11 | 2682 | 2.34E-11 | 2784 | 2.19E-11 | 2886 | 2.18E-11 | 2988 | 2.01E-11 | 3090 | 1.85E-11 | 3192 | 2.05E-11 |
| 2072 | 2.78E-11 | 2174 | 2.38E-11 | 2276 | 2.61E-11 | 2378 | 2.30E-11 | 2480 | 2.81E-11 | 2582 | 2.41E-11 | 2684 | 2.41E-11 | 2786 | 2.14E-11 | 2888 | 2.18E-11 | 2990 | 2.00E-11 | 3092 | 1.86E-11 | 3194 | 1.92E-11 |
| 2074 | 2.83E-11 | 2176 | 2.49E-11 | 2278 | 2.26E-11 | 2380 | 2.36E-11 | 2482 | 2.69E-11 | 2584 | 2.31E-11 | 2686 | 2.40E-11 | 2788 | 2.15E-11 | 2890 | 2.14E-11 | 2992 | 1.94E-11 | 3094 | 1.93E-11 | 3196 | 1.82E-11 |
| 2076 | 3.43E-11 | 2178 | 2.27E-11 | 2280 | 2.25E-11 | 2382 | 2.41E-11 | 2484 | 2.69E-11 | 2586 | 2.24E-11 | 2688 | 2.36E-11 | 2790 | 2.16E-11 | 2892 | 2.06E-11 | 2994 | 1.92E-11 | 3096 | 1.98E-11 | 3198 | 1.72E-11 |


HD 93843 05 III(f)var V=7.33 (B−V)=−0.05 E(B−V)=0.27
LAP: LWP 13334
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 210839 O6 I(n)fp V=5.04 (B-V)=0.25 E(B-V)=0.57**

**LAP: SWP 31259**

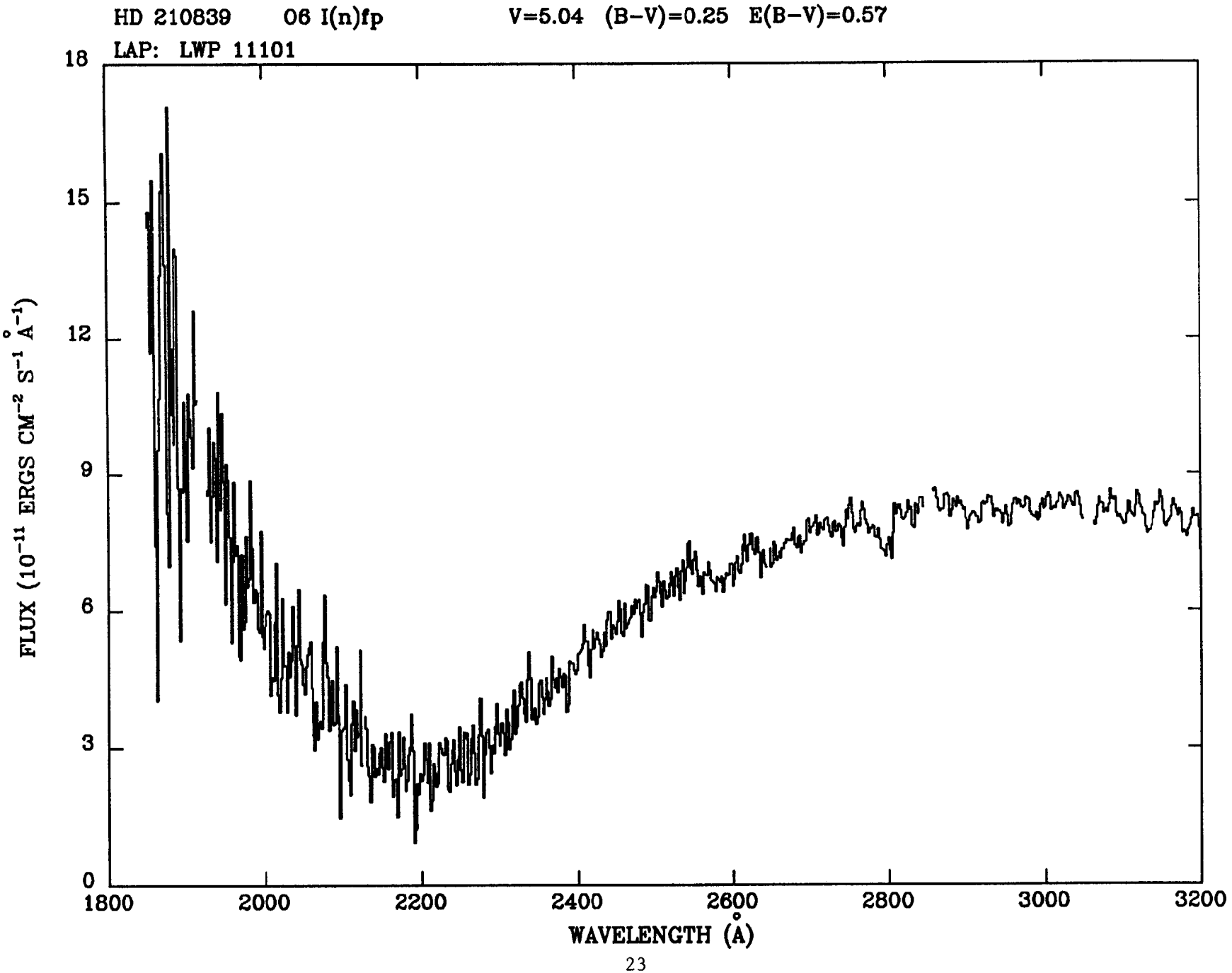
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 4.03E-11 | 1222 | 3.08E-11 | 1292 | 1.04E-10 | 1362 | 1.00E-10 | 1432 | 1.33E-10 | 1502 | 1.43E-10 | 1572 | 1.38E-10 | 1642 | 1.31E-10 | 1712 | 7.34E-11 | 1782 | 1.10E-10 | 1852 | 8.79E-11 | 1922 | |
| 1154 | 4.88E-11 | 1224 | 3.56E-11 | 1294 | 1.10E-10 | 1364 | 1.15E-10 | 1434 | 1.29E-10 | 1504 | 1.44E-10 | 1574 | 1.31E-10 | 1644 | 1.32E-10 | 1714 | 7.89E-11 | 1784 | 1.12E-10 | 1854 | 8.72E-11 | 1924 | |
| 1156 | 5.38E-11 | 1226 | 2.40E-11 | 1296 | 1.07E-10 | 1366 | 1.19E-10 | 1436 | 1.21E-10 | 1506 | 1.43E-10 | 1576 | 1.32E-10 | 1646 | 1.31E-10 | 1716 | 9.71E-11 | 1786 | 1.07E-10 | 1856 | 8.58E-11 | 1926 | 5.96E-11 |
| 1158 | 5.40E-11 | 1228 | 1.22E-11 | 1298 | 1.04E-10 | 1368 | 1.06E-10 | 1438 | 1.09E-10 | 1508 | 1.43E-10 | 1578 | 1.32E-10 | 1648 | 1.28E-10 | 1718 | 1.19E-10 | 1788 | 1.06E-10 | 1858 | 8.53E-11 | 1928 | 6.36E-11 |
| 1160 | 6.52E-11 | 1230 | 9.92E-12 | 1300 | 9.33E-11 | 1370 | 9.77E-11 | 1440 | 1.10E-10 | 1510 | 1.45E-10 | 1580 | 1.33E-10 | 1650 | 1.22E-10 | 1720 | 1.24E-10 | 1790 | | 1860 | 8.74E-11 | 1930 | 6.38E-11 |
| 1162 | 5.16E-11 | 1232 | 1.31E-11 | 1302 | 9.77E-11 | 1372 | 1.01E-10 | 1442 | 1.16E-10 | 1512 | 1.43E-10 | 1582 | 1.33E-10 | 1652 | 1.15E-10 | 1722 | 1.20E-10 | 1792 | | 1862 | 8.70E-11 | 1932 | 6.37E-11 |
| 1164 | 4.90E-11 | 1234 | 2.53E-11 | 1304 | 9.94E-11 | 1374 | 9.94E-11 | 1444 | 1.09E-10 | 1514 | 1.42E-10 | 1584 | 1.34E-10 | 1654 | 1.02E-10 | 1724 | 1.20E-10 | 1794 | 9.89E-11 | 1864 | 8.78E-11 | 1934 | 6.44E-11 |
| 1166 | 3.74E-11 | 1236 | 5.15E-11 | 1306 | 1.11E-10 | 1376 | 1.05E-10 | 1446 | 1.05E-10 | 1516 | 1.38E-10 | 1586 | 1.35E-10 | 1656 | 1.05E-10 | 1726 | 1.22E-10 | 1796 | 9.82E-11 | 1866 | 8.73E-11 | 1936 | 6.42E-11 |
| 1168 | 4.16E-11 | 1238 | 8.76E-11 | 1308 | 1.06E-10 | 1378 | 9.74E-11 | 1448 | 1.11E-10 | 1518 | 1.43E-10 | 1588 | 1.38E-10 | 1658 | 1.13E-10 | 1728 | 1.23E-10 | 1798 | 1.00E-10 | 1868 | 8.54E-11 | 1938 | 6.29E-11 |
| 1170 | 4.78E-11 | 1240 | 1.20E-10 | 1310 | 1.08E-10 | 1380 | 7.52E-11 | 1450 | 1.10E-10 | 1520 | 1.37E-10 | 1590 | 1.34E-10 | 1660 | | 1730 | 1.21E-10 | 1800 | 1.01E-10 | 1870 | 8.34E-11 | 1940 | 6.20E-11 |
| 1172 | 5.72E-11 | 1242 | 1.33E-10 | 1312 | 1.15E-10 | 1382 | 4.60E-11 | 1452 | 1.04E-10 | 1522 | 1.33E-10 | 1592 | 1.34E-10 | 1662 | 1.31E-10 | 1732 | 1.19E-10 | 1802 | 9.97E-11 | 1872 | 8.18E-11 | 1942 | 6.22E-11 |
| 1174 | 7.63E-11 | 1244 | 1.17E-10 | 1314 | 1.10E-10 | 1384 | 3.90E-11 | 1454 | 1.04E-10 | 1524 | 1.27E-10 | 1594 | 1.27E-10 | 1664 | 1.30E-10 | 1734 | 1.20E-10 | 1804 | 9.69E-11 | 1874 | 8.20E-11 | 1944 | 6.19E-11 |
| 1176 | 8.16E-11 | 1246 | 1.07E-10 | 1316 | 9.87E-11 | 1386 | 5.52E-11 | 1456 | 1.06E-10 | 1526 | 1.23E-10 | 1596 | 1.25E-10 | 1666 | 1.23E-10 | 1736 | 1.16E-10 | 1806 | 9.70E-11 | 1876 | 8.30E-11 | 1946 | 6.08E-11 |
| 1178 | 6.89E-11 | 1248 | 9.84E-11 | 1318 | 1.00E-10 | 1388 | 6.77E-11 | 1458 | 1.10E-10 | 1528 | 1.16E-10 | 1598 | 1.20E-10 | 1668 | 1.15E-10 | 1738 | 1.15E-10 | 1808 | 9.85E-11 | 1878 | 8.06E-11 | 1948 | 5.95E-11 |
| 1180 | 6.05E-11 | 1250 | 9.24E-11 | 1320 | 1.05E-10 | 1390 | 6.37E-11 | 1460 | 1.19E-10 | 1530 | 1.05E-10 | 1600 | 1.18E-10 | 1670 | 1.15E-10 | 1740 | 1.18E-10 | 1810 | 9.86E-11 | 1880 | 7.89E-11 | 1950 | 5.92E-11 |
| 1182 | 5.96E-11 | 1252 | 9.15E-11 | 1322 | 1.08E-10 | 1392 | 7.04E-11 | 1462 | 1.09E-10 | 1532 | 8.20E-11 | 1602 | 1.17E-10 | 1672 | 1.17E-10 | 1742 | 1.15E-10 | 1812 | 9.87E-11 | 1882 | 7.90E-11 | 1952 | 5.97E-11 |
| 1184 | 5.66E-11 | 1254 | 9.49E-11 | 1324 | | 1394 | 9.58E-11 | 1464 | 1.18E-10 | 1534 | 4.84E-11 | 1604 | 1.14E-10 | 1674 | 1.23E-10 | 1744 | 1.13E-10 | 1814 | 9.97E-11 | 1884 | 7.84E-11 | 1954 | 6.03E-11 |
| 1186 | 5.84E-11 | 1256 | 8.98E-11 | 1326 | | 1396 | 1.24E-10 | 1466 | 1.25E-10 | 1536 | 1.86E-11 | 1606 | 1.11E-10 | 1676 | 1.27E-10 | 1746 | 1.09E-10 | 1816 | 9.93E-11 | 1886 | 7.79E-11 | 1956 | 6.00E-11 |
| 1188 | 5.62E-11 | 1258 | 8.71E-11 | 1328 | 1.11E-10 | 1398 | 1.53E-10 | 1468 | 1.29E-10 | 1538 | 1.53E-11 | 1608 | 1.09E-10 | 1678 | 1.30E-10 | 1748 | 1.07E-10 | 1818 | 1.02E-10 | 1888 | 7.83E-11 | 1958 | 6.03E-11 |
| 1190 | 5.48E-11 | 1260 | 9.64E-11 | 1330 | 1.09E-10 | 1400 | 1.74E-10 | 1470 | 1.25E-10 | 1540 | 2.36E-11 | 1610 | 1.11E-10 | 1680 | 1.23E-10 | 1750 | 1.09E-10 | 1820 | 1.02E-10 | 1890 | 8.00E-11 | 1960 | 6.05E-11 |
| 1192 | | 1262 | 9.52E-11 | 1332 | 1.01E-10 | 1402 | 1.86E-10 | 1472 | 1.31E-10 | 1542 | 5.12E-11 | 1612 | 1.08E-10 | 1682 | 1.24E-10 | 1752 | 1.13E-10 | 1822 | 9.97E-11 | 1892 | 8.03E-11 | 1962 | 5.83E-11 |
| 1194 | | 1264 | 9.39E-11 | 1334 | 1.00E-10 | 1404 | 1.65E-10 | 1474 | 1.30E-10 | 1544 | 9.53E-11 | 1614 | 1.09E-10 | 1684 | 1.25E-10 | 1754 | 1.18E-10 | 1824 | 9.75E-11 | 1894 | 7.85E-11 | 1964 | 5.67E-11 |
| 1196 | 4.64E-11 | 1266 | 9.90E-11 | 1336 | 1.05E-10 | 1406 | 1.36E-10 | 1476 | 1.32E-10 | 1546 | 1.48E-10 | 1616 | 1.15E-10 | 1686 | 1.19E-10 | 1756 | 1.19E-10 | 1826 | 9.72E-11 | 1896 | 7.76E-11 | 1966 | 5.51E-11 |
| 1198 | 4.35E-11 | 1268 | 9.66E-11 | 1338 | 1.06E-10 | 1408 | 1.33E-10 | 1478 | 1.32E-10 | 1548 | 1.95E-10 | 1618 | 1.12E-10 | 1688 | 1.21E-10 | 1758 | 1.19E-10 | 1828 | 1.00E-10 | 1898 | 7.77E-11 | 1968 | 5.55E-11 |
| 1200 | 3.96E-11 | 1270 | 1.03E-10 | 1340 | 1.06E-10 | 1410 | 1.32E-10 | 1480 | 1.39E-10 | 1550 | 2.26E-10 | 1620 | 1.11E-10 | 1690 | 1.20E-10 | 1760 | 1.14E-10 | 1830 | 1.02E-10 | 1900 | 7.70E-11 | 1970 | 5.65E-11 |
| 1202 | 3.69E-11 | 1272 | 1.01E-10 | 1342 | 1.10E-10 | 1412 | 1.20E-10 | 1482 | 1.39E-10 | 1552 | 2.19E-10 | 1622 | 1.11E-10 | 1692 | 1.16E-10 | 1762 | 1.14E-10 | 1832 | 1.00E-10 | 1902 | 7.45E-11 | 1972 | 5.68E-11 |
| 1204 | 3.02E-11 | 1274 | 9.35E-11 | 1344 | 1.17E-10 | 1414 | 1.08E-10 | 1484 | 1.45E-10 | 1554 | 1.87E-10 | 1624 | 1.11E-10 | 1694 | 1.14E-10 | 1764 | 1.12E-10 | 1834 | 9.70E-11 | 1904 | 7.24E-11 | 1974 | 5.52E-11 |
| 1206 | 2.00E-11 | 1276 | 9.40E-11 | 1346 | 1.21E-10 | 1416 | 1.06E-10 | 1486 | 1.44E-10 | 1556 | 1.54E-10 | 1626 | 1.09E-10 | 1696 | 1.11E-10 | 1766 | 1.14E-10 | 1836 | 9.23E-11 | 1906 | 7.25E-11 | | |
| 1208 | 1.22E-11 | 1278 | 9.54E-11 | 1348 | 1.21E-10 | 1418 | 1.11E-10 | 1488 | 1.47E-10 | 1558 | 1.34E-10 | 1628 | 1.11E-10 | 1698 | 1.12E-10 | 1768 | 1.11E-10 | 1838 | 9.11E-11 | 1908 | 7.22E-11 | | |
| 1210 | 7.02E-12 | 1280 | 1.05E-10 | 1350 | 1.16E-10 | 1420 | 1.23E-10 | 1490 | 1.44E-10 | 1560 | 1.32E-10 | 1630 | 1.16E-10 | 1700 | 1.15E-10 | 1770 | 1.12E-10 | 1840 | 9.18E-11 | 1910 | 7.05E-11 | | |
| 1212 | 5.90E-12 | 1282 | 1.05E-10 | 1352 | 1.23E-10 | 1422 | 1.24E-10 | 1492 | 1.36E-10 | 1562 | 1.32E-10 | 1632 | 1.22E-10 | 1702 | 1.17E-10 | 1772 | 1.11E-10 | 1842 | 9.18E-11 | 1912 | 6.90E-11 | | |
| 1214 | 5.73E-12 | 1284 | 1.09E-10 | 1354 | 1.11E-10 | 1424 | 1.07E-10 | 1494 | 1.33E-10 | 1564 | 1.33E-10 | 1634 | 1.23E-10 | 1704 | 1.15E-10 | 1774 | 1.11E-10 | 1844 | 9.11E-11 | 1914 | 6.84E-11 | | |
| 1216 | 4.48E-12 | 1286 | 1.08E-10 | 1356 | 1.09E-10 | 1426 | 9.94E-11 | 1496 | 1.32E-10 | 1566 | 1.34E-10 | 1636 | 1.24E-10 | 1706 | 1.09E-10 | 1776 | 1.11E-10 | 1846 | 9.17E-11 | 1916 | 6.82E-11 | | |
| 1218 | 9.30E-12 | 1288 | 1.12E-10 | 1358 | 1.02E-10 | 1428 | 1.08E-10 | 1498 | 1.28E-10 | 1568 | 1.35E-10 | 1638 | 1.27E-10 | 1708 | 9.58E-11 | 1778 | 1.10E-10 | 1848 | 9.00E-11 | 1918 | 6.72E-11 | | |
| 1220 | 2.24E-11 | 1290 | 1.08E-10 | 1360 | 9.81E-11 | 1430 | 1.21E-10 | 1500 | 1.31E-10 | 1570 | 1.42E-10 | 1640 | 1.32E-10 | 1710 | 8.30E-11 | 1780 | 1.10E-10 | 1850 | 8.93E-11 | 1920 | 6.56E-11 | | |


HD 210839 06 I(n)fp V=5.04 (B-V)=0.25 E(B-V)=0.57
LAP: SWP 31259
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 210839 O6 I(n)fp V=5.04 (B-V)=0.25 E(B-V)=0.57**

**LAP: LWP 11101**

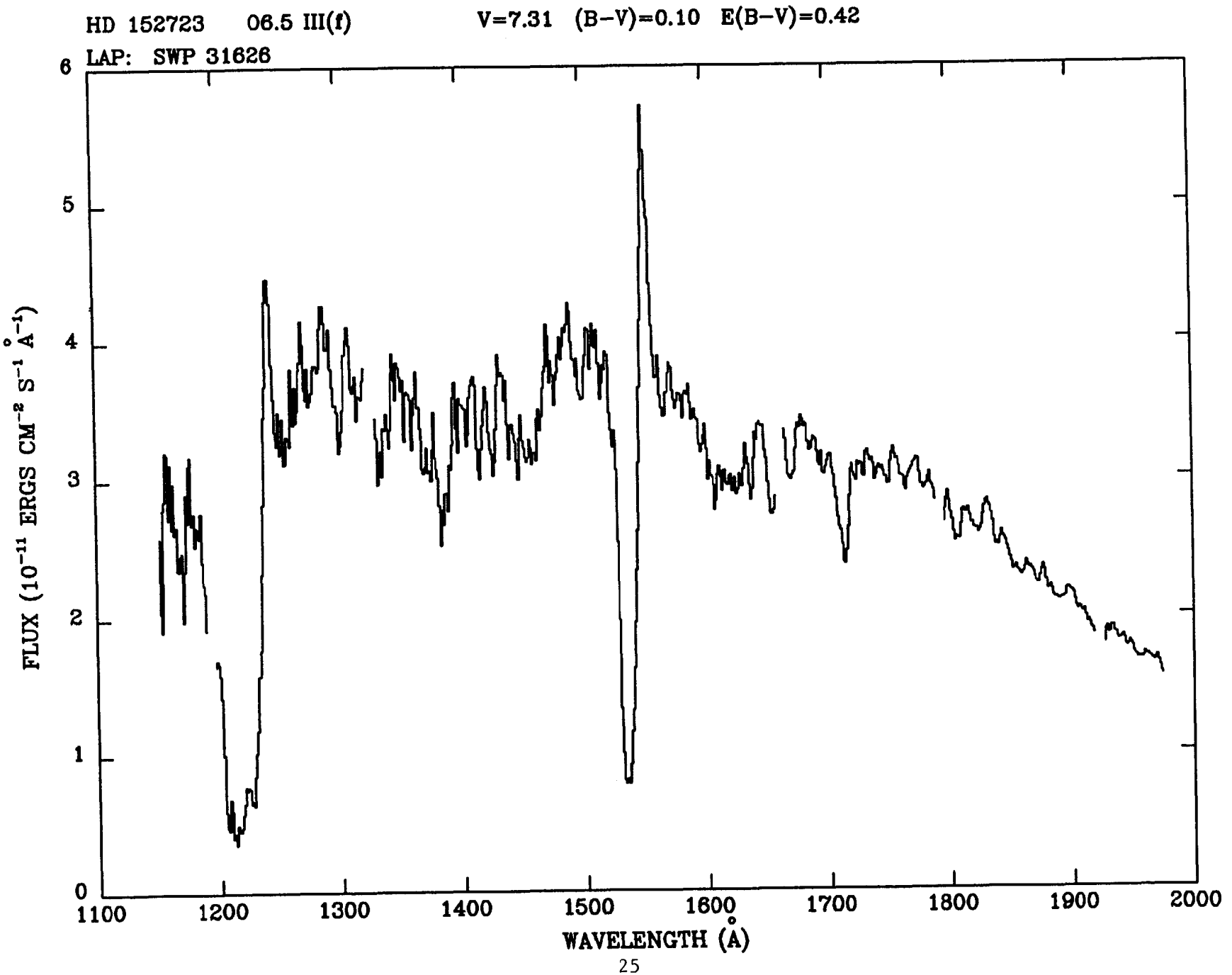
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 6.89E-11 | 2078 | 5.61E-11 | 2180 | 2.08E-11 | 2282 | 3.14E-11 | 2384 | 4.48E-11 | 2486 | 6.09E-11 | 2588 | 6.50E-11 | 2690 | 7.41E-11 | 2792 | 7.36E-11 | 2894 | 8.30E-11 | 2996 | 8.37E-11 | 3098 | 8.00E-11 |
| 1978 | 6.92E-11 | 2080 | 4.71E-11 | 2182 | 2.37E-11 | 2284 | 3.39E-11 | 2386 | 3.83E-11 | 2488 | 6.46E-11 | 2590 | 6.74E-11 | 2692 | 7.51E-11 | 2794 | 7.32E-11 | 2896 | 8.22E-11 | 2998 | 8.32E-11 | 3100 | 7.94E-11 |
| 1980 | 6.65E-11 | 2082 | 3.81E-11 | 2184 | 2.89E-11 | 2286 | 3.11E-11 | 2388 | 4.23E-11 | 2490 | 6.56E-11 | 2592 | 6.81E-11 | 2694 | 7.53E-11 | 2796 | 7.24E-11 | 2898 | 8.22E-11 | 3000 | 8.25E-11 | 3102 | 7.89E-11 |
| 1982 | 8.32E-11 | 2084 | 4.07E-11 | 2186 | 3.20E-11 | 2288 | 2.56E-11 | 2390 | 4.89E-11 | 2492 | 5.87E-11 | 2594 | 6.78E-11 | 2696 | 7.98E-11 | 2798 | 7.35E-11 | 2900 | 7.99E-11 | 3002 | 8.41E-11 | 3104 | 7.96E-11 |
| 1984 | 7.61E-11 | 2086 | 4.46E-11 | 2188 | 3.47E-11 | 2290 | 2.97E-11 | 2392 | 4.86E-11 | 2494 | 5.81E-11 | 2596 | 6.92E-11 | 2698 | 7.98E-11 | 2800 | 7.55E-11 | 2902 | 7.83E-11 | 3004 | 8.54E-11 | 3106 | 8.19E-11 |
| 1986 | 6.31E-11 | 2088 | 3.71E-11 | 2190 | 2.14E-11 | 2292 | 2.89E-11 | 2394 | 4.78E-11 | 2496 | 6.34E-11 | 2598 | 7.04E-11 | 2700 | 7.73E-11 | 2802 | 7.39E-11 | 2904 | 7.99E-11 | 3006 | 8.51E-11 | 3108 | 8.37E-11 |
| 1988 | 6.46E-11 | 2090 | 3.55E-11 | 2192 | 1.06E-11 | 2294 | 3.50E-11 | 2396 | 4.67E-11 | 2498 | 6.48E-11 | 2600 | 6.72E-11 | 2702 | 7.83E-11 | 2804 | 7.17E-11 | 2906 | 8.08E-11 | 3008 | 8.23E-11 | 3110 | 8.27E-11 |
| 1990 | 6.33E-11 | 2092 | 5.13E-11 | 2194 | 1.77E-11 | 2296 | 3.91E-11 | 2398 | 4.68E-11 | 2500 | 6.33E-11 | 2602 | 6.65E-11 | 2704 | 7.88E-11 | 2806 | 7.62E-11 | 2908 | 8.13E-11 | 3010 | 8.24E-11 | 3112 | 8.11E-11 |
| 1992 | 5.59E-11 | 2094 | 3.61E-11 | 2196 | 2.08E-11 | 2298 | 3.27E-11 | 2400 | 4.96E-11 | 2502 | 6.56E-11 | 2604 | 6.99E-11 | 2706 | 7.99E-11 | 2808 | 8.28E-11 | 2910 | 8.15E-11 | 3012 | 8.26E-11 | 3114 | 8.06E-11 |
| 1994 | 6.09E-11 | 2096 | 1.77E-11 | 2198 | 2.28E-11 | 2300 | 3.17E-11 | 2402 | 5.10E-11 | 2504 | 6.77E-11 | 2606 | 7.18E-11 | 2708 | 7.90E-11 | 2810 | 8.13E-11 | 2912 | 8.10E-11 | 3014 | 8.25E-11 | 3116 | 8.20E-11 |
| 1996 | 7.06E-11 | 2098 | 3.38E-11 | 2200 | 2.32E-11 | 2302 | 3.54E-11 | 2404 | 5.15E-11 | 2506 | 6.54E-11 | 2608 | 6.90E-11 | 2710 | 7.68E-11 | 2812 | 8.25E-11 | 2914 | 8.05E-11 | 3016 | 8.36E-11 | 3118 | 8.52E-11 |
| 1998 | 5.35E-11 | 2100 | 3.44E-11 | 2202 | 2.38E-11 | 2304 | 3.47E-11 | 2406 | 5.27E-11 | 2508 | 6.25E-11 | 2610 | 6.84E-11 | 2712 | 7.84E-11 | 2814 | 8.30E-11 | 2916 | 7.96E-11 | 3018 | 8.43E-11 | 3120 | 8.54E-11 |
| 2000 | 5.48E-11 | 2102 | 3.79E-11 | 2204 | 3.00E-11 | 2306 | 3.11E-11 | 2408 | 5.65E-11 | 2510 | 6.40E-11 | 2612 | 7.08E-11 | 2714 | 7.87E-11 | 2816 | 8.16E-11 | 2918 | 7.94E-11 | 3020 | 8.53E-11 | 3122 | 8.34E-11 |
| 2002 | 5.91E-11 | 2104 | 3.74E-11 | 2206 | 2.77E-11 | 2308 | 3.35E-11 | 2410 | 5.34E-11 | 2512 | 6.53E-11 | 2614 | 7.48E-11 | 2716 | 7.79E-11 | 2818 | 8.01E-11 | 2920 | 8.29E-11 | 3022 | 8.48E-11 | 3124 | 8.23E-11 |
| 2004 | 6.00E-11 | 2106 | 2.55E-11 | 2208 | 2.28E-11 | 2310 | 3.69E-11 | 2412 | 5.25E-11 | 2514 | 6.33E-11 | 2616 | 7.58E-11 | 2718 | 7.94E-11 | 2820 | 8.01E-11 | 2922 | 8.38E-11 | 3024 | 8.34E-11 | 3126 | 8.10E-11 |
| 2006 | 5.96E-11 | 2108 | 2.13E-11 | 2210 | 2.96E-11 | 2312 | 3.18E-11 | 2414 | 4.74E-11 | 2516 | 6.30E-11 | 2618 | 7.23E-11 | 2720 | 8.01E-11 | 2822 | 8.09E-11 | 2924 | 8.33E-11 | 3026 | 8.26E-11 | 3128 | 8.02E-11 |
| 2008 | 4.18E-11 | 2110 | 2.91E-11 | 2212 | 1.68E-11 | 2314 | 3.13E-11 | 2416 | 4.73E-11 | 2518 | 6.54E-11 | 2620 | 7.23E-11 | 2722 | 8.04E-11 | 2824 | 8.28E-11 | 2926 | 8.37E-11 | 3028 | 8.33E-11 | 3130 | 7.79E-11 |
| 2010 | 4.54E-11 | 2112 | 3.86E-11 | 2214 | 2.06E-11 | 2316 | 3.76E-11 | 2418 | 5.31E-11 | 2520 | 6.82E-11 | 2622 | 7.56E-11 | 2724 | 7.87E-11 | 2826 | 8.30E-11 | 2928 | 8.51E-11 | 3030 | 8.45E-11 | 3132 | 7.70E-11 |
| 2012 | 4.74E-11 | 2114 | 3.22E-11 | 2216 | 2.60E-11 | 2318 | 4.23E-11 | 2420 | 5.40E-11 | 2522 | 6.56E-11 | 2624 | 7.69E-11 | 2726 | 7.70E-11 | 2828 | 8.25E-11 | 2930 | 8.47E-11 | 3032 | 8.48E-11 | 3134 | 7.74E-11 |
| 2014 | 6.08E-11 | 2116 | 3.66E-11 | 2218 | 2.35E-11 | 2320 | 3.41E-11 | 2422 | 5.28E-11 | 2524 | 6.35E-11 | 2626 | 7.48E-11 | 2728 | 7.66E-11 | 2830 | 7.98E-11 | 2932 | 8.43E-11 | 3034 | 8.39E-11 | 3136 | 7.78E-11 |
| 2016 | 6.04E-11 | 2118 | 3.34E-11 | 2220 | 2.19E-11 | 2322 | 3.49E-11 | 2424 | 5.47E-11 | 2526 | 6.79E-11 | 2628 | 7.27E-11 | 2730 | 7.93E-11 | 2832 | 7.83E-11 | 2934 | 8.22E-11 | 3036 | 8.30E-11 | 3138 | 7.91E-11 |
| 2018 | 4.02E-11 | 2120 | 3.31E-11 | 2222 | 2.67E-11 | 2324 | 3.99E-11 | 2426 | 5.44E-11 | 2528 | 6.86E-11 | 2630 | 7.50E-11 | 2732 | 7.89E-11 | 2834 | 8.27E-11 | 2936 | 8.10E-11 | 3038 | 8.27E-11 | 3140 | 8.08E-11 |
| 2020 | 4.13E-11 | 2122 | 5.02E-11 | 2224 | 3.06E-11 | 2326 | 4.41E-11 | 2428 | 5.31E-11 | 2530 | 6.45E-11 | 2632 | 7.60E-11 | 2734 | 7.74E-11 | 2836 | 8.31E-11 | 2938 | 8.19E-11 | 3040 | 8.55E-11 | 3142 | 8.27E-11 |
| 2022 | 5.49E-11 | 2124 | 2.63E-11 | 2226 | 2.92E-11 | 2328 | 4.36E-11 | 2430 | 5.07E-11 | 2532 | 6.46E-11 | 2634 | 7.33E-11 | 2736 | 7.82E-11 | 2838 | 8.15E-11 | 2940 | 8.19E-11 | 3042 | 8.56E-11 | 3144 | 8.31E-11 |
| 2024 | 5.40E-11 | 2126 | | 2228 | 2.86E-11 | 2330 | 4.00E-11 | 2432 | 5.10E-11 | 2534 | 6.97E-11 | 2636 | 6.79E-11 | 2738 | 7.88E-11 | 2840 | 8.47E-11 | 2942 | 8.17E-11 | 3044 | 8.43E-11 | 3146 | 8.33E-11 |
| 2026 | 4.81E-11 | 2128 | 3.63E-11 | 2230 | 3.13E-11 | 2332 | 3.70E-11 | 2434 | 5.47E-11 | 2536 | 6.78E-11 | 2638 | 7.11E-11 | 2740 | 7.71E-11 | 2842 | 8.48E-11 | 2944 | 8.14E-11 | 3046 | 8.24E-11 | 3148 | 8.55E-11 |
| 2028 | 4.05E-11 | 2130 | 3.19E-11 | 2232 | 3.17E-11 | 2334 | 3.99E-11 | 2436 | 5.26E-11 | 2538 | 6.53E-11 | 2640 | 7.30E-11 | 2742 | 7.48E-11 | 2844 | 8.42E-11 | 2946 | 7.96E-11 | 3048 | 8.04E-11 | 3150 | 8.48E-11 |
| 2030 | 4.85E-11 | 2132 | 2.53E-11 | 2234 | 2.21E-11 | 2336 | 4.80E-11 | 2438 | 5.81E-11 | 2540 | 6.83E-11 | 2642 | 7.02E-11 | 2744 | 7.71E-11 | 2846 | 8.27E-11 | 2948 | 8.07E-11 | 3050 | 8.00E-11 | 3152 | 8.19E-11 |
| 2032 | 4.65E-11 | 2134 | 2.14E-11 | 2236 | 2.09E-11 | 2338 | 4.79E-11 | 2440 | 5.98E-11 | 2542 | 7.29E-11 | 2644 | 6.96E-11 | 2746 | 8.12E-11 | 2848 | | 2950 | 8.27E-11 | 3052 | | 3154 | 7.88E-11 |
| 2034 | 4.90E-11 | 2136 | 2.46E-11 | 2238 | 2.69E-11 | 2340 | 3.99E-11 | 2442 | 5.87E-11 | 2544 | 7.51E-11 | 2646 | | 2748 | 8.04E-11 | 2850 | | 2952 | 8.10E-11 | 3054 | | 3156 | 7.84E-11 |
| 2036 | 6.07E-11 | 2138 | 3.05E-11 | 2240 | 3.00E-11 | 2342 | 3.63E-11 | 2444 | 5.47E-11 | 2546 | 7.04E-11 | 2648 | 7.23E-11 | 2750 | 8.29E-11 | 2852 | | 2954 | 7.84E-11 | 3056 | | 3158 | 7.93E-11 |
| 2038 | 5.00E-11 | 2140 | 2.60E-11 | 2242 | 3.01E-11 | 2344 | 3.82E-11 | 2446 | 5.67E-11 | 2548 | 6.83E-11 | 2650 | 6.99E-11 | 2752 | 8.44E-11 | 2854 | | 2956 | 7.92E-11 | 3058 | | 3160 | 7.99E-11 |
| 2040 | 4.03E-11 | 2142 | 2.50E-11 | 2244 | 2.40E-11 | 2346 | 3.61E-11 | 2448 | 5.58E-11 | 2550 | 7.10E-11 | 2652 | 7.27E-11 | 2754 | 8.10E-11 | 2856 | 8.60E-11 | 2958 | 8.15E-11 | 3060 | | 3162 | 8.10E-11 |
| 2042 | 5.56E-11 | 2144 | 2.46E-11 | 2246 | 2.39E-11 | 2348 | 3.65E-11 | 2450 | 5.62E-11 | 2552 | 7.27E-11 | 2654 | 7.47E-11 | 2756 | 7.78E-11 | 2858 | 8.65E-11 | 2960 | 8.34E-11 | 3062 | 7.94E-11 | 3164 | 8.32E-11 |
| 2044 | 6.02E-11 | 2146 | 2.82E-11 | 2248 | 3.07E-11 | 2350 | 4.39E-11 | 2452 | 6.02E-11 | 2554 | 6.86E-11 | 2656 | 7.23E-11 | 2758 | 7.75E-11 | 2860 | 8.68E-11 | 2962 | 8.43E-11 | 3064 | 7.89E-11 | 3166 | 8.36E-11 |
| 2046 | 4.91E-11 | 2148 | 3.00E-11 | 2250 | 2.99E-11 | 2352 | 4.47E-11 | 2454 | 6.12E-11 | 2556 | 6.57E-11 | 2658 | 7.16E-11 | 2760 | 7.87E-11 | 2862 | 8.50E-11 | 2964 | 8.40E-11 | 3066 | 8.01E-11 | 3168 | 8.24E-11 |
| 2048 | 4.64E-11 | 2150 | 2.58E-11 | 2252 | 2.37E-11 | 2354 | 4.06E-11 | 2456 | 5.70E-11 | 2558 | 6.75E-11 | 2660 | 7.27E-11 | 2762 | 7.89E-11 | 2864 | 8.27E-11 | 2966 | 8.37E-11 | 3068 | 8.28E-11 | 3170 | 8.12E-11 |
| 2050 | 4.30E-11 | 2152 | 2.37E-11 | 2254 | 2.91E-11 | 2356 | 3.82E-11 | 2458 | 5.47E-11 | 2560 | 6.63E-11 | 2662 | 7.18E-11 | 2764 | 7.99E-11 | 2866 | 8.18E-11 | 2968 | 8.41E-11 | 3070 | 8.45E-11 | 3172 | 8.16E-11 |
| 2052 | 4.52E-11 | 2154 | 3.29E-11 | 2256 | 3.27E-11 | 2358 | 4.17E-11 | 2460 | 6.02E-11 | 2562 | 6.54E-11 | 2664 | 7.35E-11 | 2766 | 8.28E-11 | 2868 | 8.22E-11 | 2970 | 8.31E-11 | 3072 | 8.34E-11 | 3174 | 8.15E-11 |
| 2054 | 4.95E-11 | 2156 | 2.97E-11 | 2258 | 3.30E-11 | 2360 | 4.44E-11 | 2462 | 5.71E-11 | 2564 | 6.82E-11 | 2666 | 7.37E-11 | 2768 | 8.29E-11 | 2870 | 8.27E-11 | 2972 | 8.25E-11 | 3074 | 8.28E-11 | 3176 | 7.80E-11 |
| 2056 | 5.15E-11 | 2158 | 2.72E-11 | 2260 | 2.43E-11 | 2362 | 4.12E-11 | 2464 | 5.72E-11 | 2566 | 6.78E-11 | 2668 | 7.49E-11 | 2770 | 8.08E-11 | 2872 | 8.53E-11 | 2974 | 8.27E-11 | 3076 | 8.14E-11 | 3178 | 7.73E-11 |
| 2058 | 5.29E-11 | 2160 | 3.21E-11 | 2262 | 2.39E-11 | 2364 | 4.00E-11 | 2466 | 5.81E-11 | 2568 | 6.94E-11 | 2670 | 7.57E-11 | 2772 | 7.93E-11 | 2874 | 8.55E-11 | 2976 | 8.43E-11 | 3078 | 8.20E-11 | 3180 | 7.70E-11 |
| 2060 | 4.48E-11 | 2162 | 2.71E-11 | 2264 | 3.18E-11 | 2366 | 4.59E-11 | 2468 | 5.88E-11 | 2570 | 6.95E-11 | 2672 | 7.55E-11 | 2774 | 7.75E-11 | 2876 | 8.54E-11 | 2978 | 8.46E-11 | 3080 | 8.19E-11 | 3182 | 7.62E-11 |
| 2062 | 3.37E-11 | 2164 | 2.11E-11 | 2266 | 3.47E-11 | 2368 | 4.71E-11 | 2470 | 6.08E-11 | 2572 | 6.74E-11 | 2674 | 7.55E-11 | 2776 | 7.79E-11 | 2878 | 8.32E-11 | 2980 | 8.42E-11 | 3082 | 8.23E-11 | 3184 | 7.78E-11 |
| 2064 | 3.03E-11 | 2166 | 2.30E-11 | 2268 | 2.79E-11 | 2370 | 4.39E-11 | 2472 | 6.01E-11 | 2574 | 6.64E-11 | 2676 | 7.60E-11 | 2778 | 7.80E-11 | 2880 | 8.12E-11 | 2982 | 8.16E-11 | 3084 | 8.49E-11 | 3186 | 7.87E-11 |
| 2066 | 3.93E-11 | 2168 | 1.79E-11 | 2270 | 2.22E-11 | 2372 | 4.49E-11 | 2474 | 6.19E-11 | 2576 | 6.60E-11 | 2678 | 7.75E-11 | 2780 | 7.86E-11 | 2882 | 8.33E-11 | 2984 | 8.09E-11 | 3086 | 8.53E-11 | 3188 | 8.04E-11 |
| 2068 | 3.24E-11 | 2170 | 2.80E-11 | 2272 | 2.56E-11 | 2374 | 4.29E-11 | 2476 | 6.11E-11 | 2578 | 6.44E-11 | 2680 | 7.65E-11 | 2782 | 7.84E-11 | 2884 | 8.41E-11 | 2986 | 8.06E-11 | 3088 | 8.43E-11 | 3190 | 8.16E-11 |
| 2070 | 3.50E-11 | 2172 | 2.64E-11 | 2274 | 3.58E-11 | 2376 | 4.66E-11 | 2478 | 6.22E-11 | 2580 | 6.72E-11 | 2682 | 7.41E-11 | 2784 | 7.62E-11 | 2886 | 8.31E-11 | 2988 | 8.06E-11 | 3090 | 8.45E-11 | 3192 | 8.05E-11 |
| 2072 | 3.55E-11 | 2174 | 2.51E-11 | 2276 | 3.76E-11 | 2378 | 4.57E-11 | 2480 | 6.09E-11 | 2582 | 6.68E-11 | 2684 | 7.52E-11 | 2786 | 7.65E-11 | 2888 | 8.43E-11 | 2990 | 8.09E-11 | 3092 | 8.17E-11 | 3194 | 8.06E-11 |
| 2074 | 4.10E-11 | 2176 | 3.14E-11 | 2278 | 2.66E-11 | 2380 | 4.35E-11 | 2482 | 5.66E-11 | 2584 | 6.64E-11 | 2686 | 7.63E-11 | 2788 | 7.74E-11 | 2890 | 8.37E-11 | 2992 | 7.99E-11 | 3094 | 8.04E-11 | 3196 | 7.95E-11 |
| 2076 | 5.79E-11 | 2178 | 2.68E-11 | 2280 | 2.43E-11 | 2382 | 4.63E-11 | 2484 | 5.78E-11 | 2586 | 6.66E-11 | 2688 | 7.37E-11 | 2790 | 7.50E-11 | 2892 | 8.38E-11 | 2994 | 8.15E-11 | 3096 | 8.07E-11 | 3198 | 7.56E-11 |


HD 210839 06 I(n)fp V=5.04 (B-V)=0.25 E(B-V)=0.57
LAP: LWP 11101
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200

**HD 152723 O6.5 III(f) V=7.31 (B-V)=0.10 E(B-V)=0.42**

**LAP: SWP 31626**

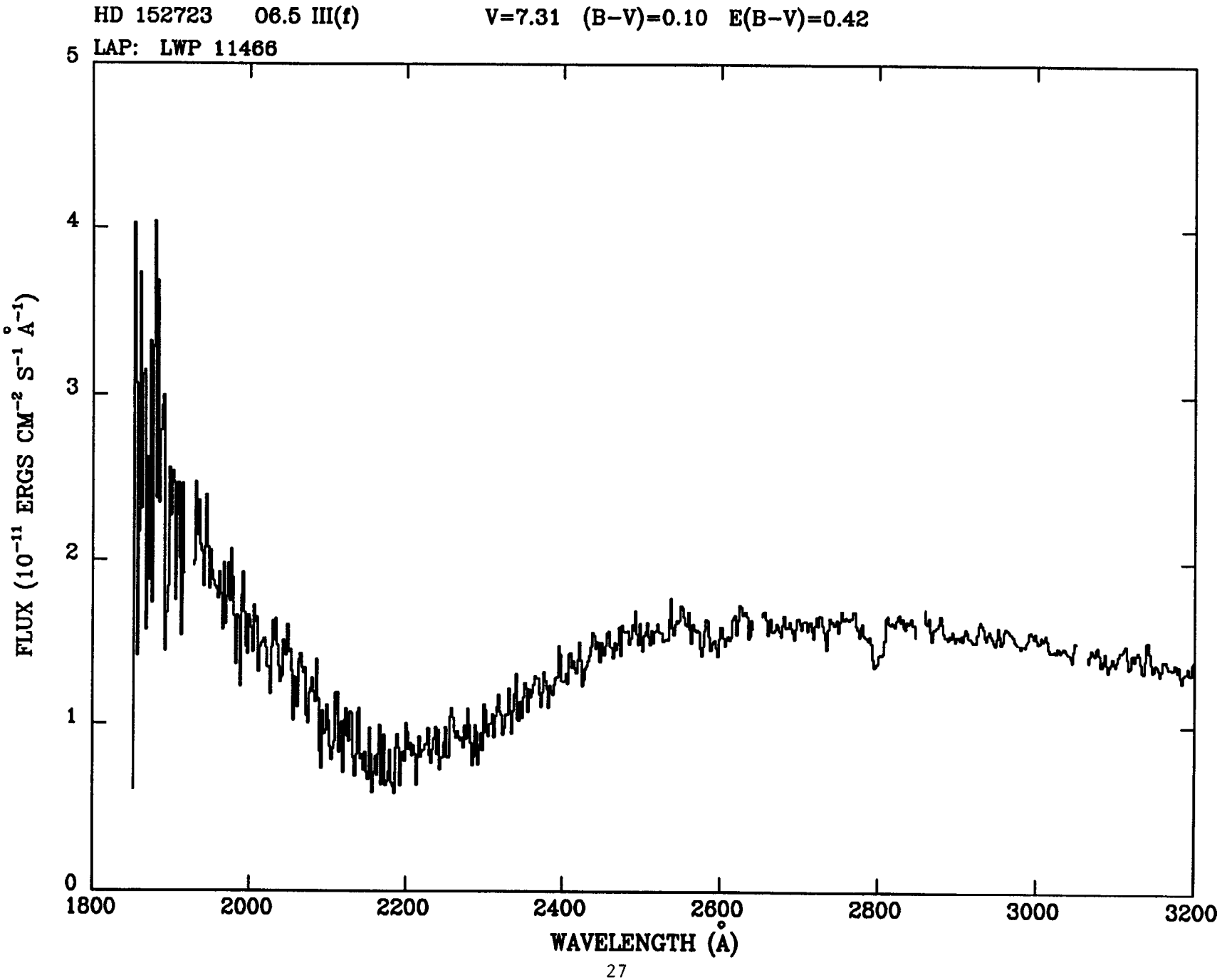
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 2.20E-11 | 1222 | 7.58E-12 | 1292 | 4.02E-11 | 1362 | 3.58E-11 | 1432 | 3.77E-11 | 1502 | 3.85E-11 | 1572 | 3.80E-11 | 1642 | 3.31E-11 | 1712 | 2.45E-11 | 1782 | 2.98E-11 | 1852 | 2.33E-11 | 1922 | |
| 1154 | 2.35E-11 | 1224 | 7.52E-12 | 1294 | 3.79E-11 | 1364 | 3.65E-11 | 1434 | 3.74E-11 | 1504 | 4.07E-11 | 1574 | 3.60E-11 | 1644 | 3.39E-11 | 1714 | 2.40E-11 | 1784 | 2.99E-11 | 1854 | 2.34E-11 | 1924 | |
| 1156 | 2.96E-11 | 1226 | 6.59E-12 | 1296 | 3.58E-11 | 1366 | 3.48E-11 | 1436 | 3.64E-11 | 1506 | 3.90E-11 | 1576 | 3.53E-11 | 1646 | 3.37E-11 | 1716 | 2.61E-11 | 1786 | 2.92E-11 | 1856 | 2.31E-11 | 1926 | |
| 1158 | 3.10E-11 | 1228 | 7.24E-12 | 1298 | 3.51E-11 | 1368 | 3.14E-11 | 1438 | 3.31E-11 | 1508 | 4.05E-11 | 1578 | 3.60E-11 | 1648 | 3.30E-11 | 1718 | 2.97E-11 | 1788 | 2.85E-11 | 1858 | 2.29E-11 | 1928 | 1.84E-11 |
| 1160 | 2.97E-11 | 1230 | 1.02E-11 | 1300 | 3.22E-11 | 1370 | 3.07E-11 | 1440 | 3.33E-11 | 1510 | 3.96E-11 | 1580 | 3.58E-11 | 1650 | 3.11E-11 | 1720 | 3.07E-11 | 1790 | | 1860 | 2.31E-11 | 1930 | 1.88E-11 |
| 1162 | 2.79E-11 | 1232 | 1.42E-11 | 1302 | 3.36E-11 | 1372 | 3.16E-11 | 1442 | 3.36E-11 | 1512 | 4.00E-11 | 1582 | 3.50E-11 | 1652 | 2.89E-11 | 1722 | 3.00E-11 | 1792 | | 1862 | 2.36E-11 | 1932 | 1.87E-11 |
| 1164 | 2.70E-11 | 1234 | 1.66E-11 | 1304 | 3.75E-11 | 1374 | 3.05E-11 | 1444 | 3.21E-11 | 1514 | 3.68E-11 | 1584 | 3.62E-11 | 1654 | 2.74E-11 | 1724 | 3.05E-11 | 1794 | 2.66E-11 | 1864 | 2.35E-11 | 1934 | 1.91E-11 |
| 1166 | 2.48E-11 | 1236 | 2.31E-11 | 1306 | 3.95E-11 | 1376 | 3.13E-11 | 1446 | 3.09E-11 | 1516 | 3.74E-11 | 1586 | 3.65E-11 | 1656 | 2.78E-11 | 1726 | 3.09E-11 | 1796 | 2.73E-11 | 1866 | 2.34E-11 | 1936 | 1.86E-11 |
| 1168 | 2.39E-11 | 1238 | 3.22E-11 | 1308 | 4.07E-11 | 1378 | 3.36E-11 | 1448 | 3.39E-11 | 1518 | 3.83E-11 | 1588 | 3.49E-11 | 1658 | 2.86E-11 | 1728 | 3.08E-11 | 1798 | 2.86E-11 | 1868 | 2.31E-11 | 1938 | 1.83E-11 |
| 1170 | 2.33E-11 | 1240 | 4.00E-11 | 1310 | 3.77E-11 | 1380 | 3.07E-11 | 1450 | 3.26E-11 | 1520 | 3.86E-11 | 1590 | 3.45E-11 | 1660 | | 1730 | 3.02E-11 | 1800 | 2.81E-11 | 1870 | 2.25E-11 | 1940 | 1.82E-11 |
| 1172 | 2.30E-11 | 1242 | 4.45E-11 | 1312 | 3.66E-11 | 1382 | 2.85E-11 | 1452 | 3.16E-11 | 1522 | 3.41E-11 | 1592 | 3.45E-11 | 1662 | | 1732 | 3.19E-11 | 1802 | 2.69E-11 | 1872 | 2.23E-11 | 1942 | 1.84E-11 |
| 1174 | 2.80E-11 | 1244 | 4.30E-11 | 1314 | 3.65E-11 | 1384 | 2.65E-11 | 1454 | 3.16E-11 | 1524 | 3.27E-11 | 1594 | 3.33E-11 | 1664 | 3.33E-11 | 1734 | 3.14E-11 | 1804 | 2.57E-11 | 1874 | 2.26E-11 | 1944 | 1.81E-11 |
| 1176 | 3.09E-11 | 1246 | 3.72E-11 | 1316 | 3.56E-11 | 1386 | 2.76E-11 | 1456 | 3.26E-11 | 1526 | 3.10E-11 | 1596 | 3.21E-11 | 1666 | 3.20E-11 | 1736 | 3.13E-11 | 1806 | 2.56E-11 | 1876 | 2.34E-11 | 1946 | 1.77E-11 |
| 1178 | 2.84E-11 | 1248 | 3.34E-11 | 1318 | 3.59E-11 | 1388 | 2.89E-11 | 1458 | 3.15E-11 | 1528 | 2.26E-11 | 1598 | 3.29E-11 | 1668 | 3.02E-11 | 1738 | 3.04E-11 | 1808 | 2.56E-11 | 1878 | 2.30E-11 | 1948 | 1.79E-11 |
| 1180 | 2.65E-11 | 1250 | 3.37E-11 | 1320 | 3.74E-11 | 1390 | 2.94E-11 | 1460 | 3.18E-11 | 1530 | 1.28E-11 | 1600 | 3.30E-11 | 1670 | 3.00E-11 | 1740 | 3.03E-11 | 1810 | 2.70E-11 | 1880 | 2.20E-11 | 1950 | 1.77E-11 |
| 1182 | 2.64E-11 | 1252 | 3.23E-11 | 1322 | 3.81E-11 | 1392 | 3.15E-11 | 1462 | 3.31E-11 | 1532 | 8.40E-12 | 1602 | 3.05E-11 | 1672 | 3.03E-11 | 1742 | 3.08E-11 | 1812 | 2.75E-11 | 1882 | 2.20E-11 | 1952 | 1.72E-11 |
| 1184 | 2.63E-11 | 1254 | 3.32E-11 | 1324 | | 1394 | 3.55E-11 | 1464 | 3.44E-11 | 1534 | 8.01E-12 | 1604 | 3.04E-11 | 1674 | 3.26E-11 | 1744 | 3.07E-11 | 1814 | 2.75E-11 | 1884 | 2.16E-11 | 1954 | 1.68E-11 |
| 1186 | 2.56E-11 | 1256 | 3.16E-11 | 1326 | | 1396 | 3.50E-11 | 1466 | 3.47E-11 | 1536 | 8.38E-12 | 1606 | 2.97E-11 | 1676 | 3.37E-11 | 1746 | 3.02E-11 | 1816 | 2.74E-11 | 1886 | 2.13E-11 | 1956 | 1.68E-11 |
| 1188 | 2.23E-11 | 1258 | 3.31E-11 | 1328 | 3.45E-11 | 1398 | 3.35E-11 | 1468 | 3.73E-11 | 1538 | 1.14E-11 | 1608 | 2.80E-11 | 1678 | 3.41E-11 | 1748 | 2.99E-11 | 1818 | 2.66E-11 | 1888 | 2.12E-11 | 1958 | 1.68E-11 |
| 1190 | 1.99E-11 | 1260 | 3.47E-11 | 1330 | 3.36E-11 | 1400 | 3.55E-11 | 1470 | 3.94E-11 | 1540 | 1.50E-11 | 1610 | 3.00E-11 | 1680 | 3.39E-11 | 1750 | 2.95E-11 | 1820 | 2.64E-11 | 1890 | 2.11E-11 | 1960 | 1.70E-11 |
| 1192 | | 1262 | 3.63E-11 | 1332 | 3.01E-11 | 1402 | 3.52E-11 | 1472 | 3.97E-11 | 1542 | 2.13E-11 | 1612 | 3.03E-11 | 1682 | 3.38E-11 | 1752 | 3.14E-11 | 1822 | 2.62E-11 | 1892 | 2.12E-11 | 1962 | 1.70E-11 |
| 1194 | | 1264 | 3.57E-11 | 1334 | 3.14E-11 | 1404 | 3.38E-11 | 1474 | 3.79E-11 | 1544 | 2.74E-11 | 1614 | 2.98E-11 | 1684 | 3.29E-11 | 1754 | 3.19E-11 | 1824 | 2.60E-11 | 1894 | 2.13E-11 | 1964 | 1.68E-11 |
| 1196 | 1.65E-11 | 1266 | 3.46E-11 | 1336 | 3.27E-11 | 1406 | 3.39E-11 | 1476 | 3.64E-11 | 1546 | 3.54E-11 | 1616 | 3.02E-11 | 1686 | 3.20E-11 | 1756 | 3.14E-11 | 1826 | 2.66E-11 | 1896 | 2.19E-11 | 1966 | 1.67E-11 |
| 1198 | 1.68E-11 | 1268 | 3.79E-11 | 1338 | 3.42E-11 | 1408 | 3.66E-11 | 1478 | 3.71E-11 | 1548 | 4.41E-11 | 1618 | 2.96E-11 | 1688 | 3.26E-11 | 1758 | 3.11E-11 | 1828 | 2.77E-11 | 1898 | 2.18E-11 | 1968 | 1.66E-11 |
| 1200 | 1.63E-11 | 1270 | 4.05E-11 | 1340 | 3.34E-11 | 1410 | 3.73E-11 | 1480 | 3.87E-11 | 1550 | 5.32E-11 | 1620 | 3.02E-11 | 1690 | 3.27E-11 | 1760 | 3.02E-11 | 1830 | 2.83E-11 | 1900 | 2.16E-11 | 1970 | 1.67E-11 |
| 1202 | 1.31E-11 | 1272 | 3.82E-11 | 1342 | 3.36E-11 | 1412 | 3.55E-11 | 1482 | 3.95E-11 | 1552 | 5.45E-11 | 1622 | 2.92E-11 | 1692 | 3.15E-11 | 1762 | 3.00E-11 | 1832 | 2.79E-11 | 1902 | 2.12E-11 | 1972 | 1.62E-11 |
| 1204 | 6.96E-12 | 1274 | 3.67E-11 | 1344 | 3.85E-11 | 1414 | 3.09E-11 | 1484 | 4.00E-11 | 1554 | 4.95E-11 | 1624 | 2.96E-11 | 1694 | 3.12E-11 | 1764 | 2.91E-11 | 1834 | 2.73E-11 | 1904 | 2.05E-11 | 1974 | 1.56E-11 |
| 1206 | 4.62E-12 | 1276 | 3.60E-11 | 1346 | 3.67E-11 | 1416 | 3.13E-11 | 1486 | 4.08E-11 | 1556 | 4.29E-11 | 1626 | 2.90E-11 | 1696 | 3.06E-11 | 1766 | 3.00E-11 | 1836 | 2.60E-11 | 1906 | 2.04E-11 | | |
| 1208 | 6.46E-12 | 1278 | 3.61E-11 | 1348 | 3.79E-11 | 1418 | 3.44E-11 | 1488 | 4.21E-11 | 1558 | 3.90E-11 | 1628 | 3.01E-11 | 1698 | 3.06E-11 | 1768 | 3.04E-11 | 1838 | 2.51E-11 | 1908 | 2.03E-11 | | |
| 1210 | 4.44E-12 | 1280 | 3.82E-11 | 1350 | 3.77E-11 | 1420 | 3.61E-11 | 1490 | 4.13E-11 | 1560 | 3.73E-11 | 1630 | 2.97E-11 | 1700 | 3.13E-11 | 1770 | 3.09E-11 | 1840 | 2.52E-11 | 1910 | 2.02E-11 | | |
| 1212 | 3.86E-12 | 1282 | 3.82E-11 | 1352 | 3.68E-11 | 1422 | 3.43E-11 | 1492 | 3.89E-11 | 1562 | 3.77E-11 | 1632 | 3.17E-11 | 1702 | 3.14E-11 | 1772 | 3.12E-11 | 1842 | 2.59E-11 | 1912 | 1.98E-11 | | |
| 1214 | 4.72E-12 | 1284 | 3.80E-11 | 1354 | 3.44E-11 | 1424 | 3.20E-11 | 1494 | 3.79E-11 | 1564 | 3.51E-11 | 1634 | 3.13E-11 | 1704 | 3.03E-11 | 1774 | 3.11E-11 | 1844 | 2.56E-11 | 1914 | 1.95E-11 | | |
| 1216 | 4.54E-12 | 1286 | 4.18E-11 | 1356 | 3.63E-11 | 1426 | 3.08E-11 | 1496 | 3.76E-11 | 1566 | 3.47E-11 | 1636 | 2.94E-11 | 1706 | 2.89E-11 | 1776 | 2.97E-11 | 1846 | 2.52E-11 | 1916 | 1.91E-11 | | |
| 1218 | 5.49E-12 | 1288 | 4.23E-11 | 1358 | 3.60E-11 | 1428 | 3.32E-11 | 1498 | 3.60E-11 | 1568 | 3.62E-11 | 1638 | 2.92E-11 | 1708 | 2.70E-11 | 1778 | 2.93E-11 | 1848 | 2.46E-11 | 1918 | 1.88E-11 | | |
| 1220 | 7.10E-12 | 1290 | 4.01E-11 | 1360 | 3.33E-11 | 1430 | 3.79E-11 | 1500 | 3.60E-11 | 1570 | 3.77E-11 | 1640 | 3.23E-11 | 1710 | 2.61E-11 | 1780 | 2.93E-11 | 1850 | 2.39E-11 | 1920 | 1.85E-11 | | |


HD 152723 06.5 III(f)
V=7.31 (B-V)=0.10 E(B-V)=0.42
LAP: SWP 31626
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
6
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 152723 O6.5 III(f) V=7.31 (B-V)=0.10 E(B-V)=0.42**

**LAP: LWP 11466**

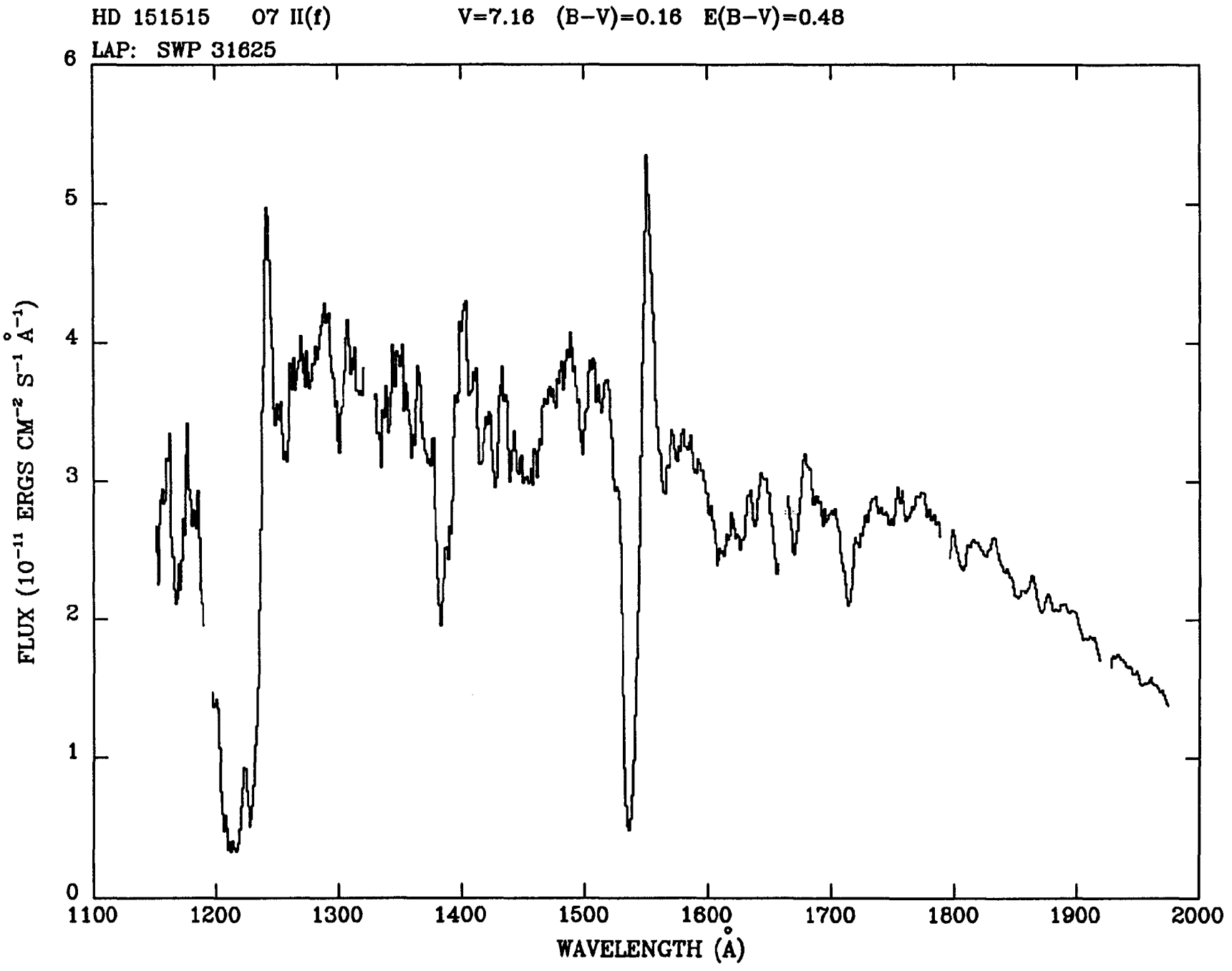
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.94E-11 | 2078 | 1.20E-11 | 2180 | 8.35E-12 | 2282 | 9.33E-12 | 2384 | 1.23E-11 | 2486 | 1.52E-11 | 2588 | 1.47E-11 | 2690 | 1.60E-11 | 2792 | 1.46E-11 | 2894 | 1.57E-11 | 2996 | 1.55E-11 | 3098 | 1.38E-11 |
| 1978 | 1.96E-11 | 2080 | 1.25E-11 | 2182 | 6.44E-12 | 2284 | 8.00E-12 | 2386 | 1.20E-11 | 2488 | 1.59E-11 | 2590 | 1.50E-11 | 2692 | 1.57E-11 | 2794 | 1.38E-11 | 2896 | 1.55E-11 | 2998 | 1.55E-11 | 3100 | 1.37E-11 |
| 1980 | 1.73E-11 | 2082 | 1.22E-11 | 2184 | 6.17E-12 | 2286 | 7.91E-12 | 2388 | 1.20E-11 | 2490 | 1.58E-11 | 2592 | 1.52E-11 | 2694 | 1.53E-11 | 2796 | 1.36E-11 | 2898 | 1.52E-11 | 3000 | 1.54E-11 | 3102 | 1.40E-11 |
| 1982 | 1.44E-11 | 2084 | 1.15E-11 | 2186 | 6.53E-12 | 2288 | 9.57E-12 | 2390 | 1.26E-11 | 2492 | 1.69E-11 | 2594 | 1.49E-11 | 2696 | 1.59E-11 | 2798 | 1.37E-11 | 2900 | 1.54E-11 | 3002 | 1.51E-11 | 3104 | 1.44E-11 |
| 1984 | 1.62E-11 | 2086 | 1.33E-11 | 2188 | 8.87E-12 | 2290 | 9.62E-12 | 2392 | 1.29E-11 | 2494 | 1.56E-11 | 2596 | 1.44E-11 | 2698 | 1.65E-11 | 2800 | 1.41E-11 | 2902 | 1.54E-11 | 3004 | 1.51E-11 | 3106 | 1.45E-11 |
| 1986 | 1.65E-11 | 2088 | 1.20E-11 | 2190 | 9.06E-12 | 2292 | 7.69E-12 | 2394 | 1.39E-11 | 2496 | 1.50E-11 | 2598 | 1.48E-11 | 2700 | 1.65E-11 | 2802 | 1.43E-11 | 2904 | 1.53E-11 | 3006 | 1.54E-11 | 3108 | 1.45E-11 |
| 1988 | 1.28E-11 | 2090 | 8.86E-12 | 2192 | 7.57E-12 | 2294 | 8.76E-12 | 2396 | 1.45E-11 | 2498 | 1.60E-11 | 2600 | 1.57E-11 | 2702 | 1.61E-11 | 2804 | 1.43E-11 | 2906 | 1.54E-11 | 3008 | 1.52E-11 | 3110 | 1.47E-11 |
| 1990 | 1.80E-11 | 2092 | 7.40E-12 | 2194 | 7.30E-12 | 2296 | 9.37E-12 | 2398 | 1.32E-11 | 2500 | 1.49E-11 | 2602 | 1.60E-11 | 2704 | 1.60E-11 | 2806 | 1.44E-11 | 2908 | 1.54E-11 | 3010 | 1.54E-11 | 3112 | 1.48E-11 |
| 1992 | 1.89E-11 | 2094 | 1.08E-11 | 2196 | 8.25E-12 | 2298 | 8.89E-12 | 2400 | 1.26E-11 | 2502 | 1.48E-11 | 2604 | 1.54E-11 | 2706 | 1.64E-11 | 2808 | 1.51E-11 | 2910 | 1.58E-11 | 3012 | 1.55E-11 | 3114 | 1.44E-11 |
| 1994 | 1.63E-11 | 2096 | 9.47E-12 | 2198 | 7.99E-12 | 2300 | 1.12E-11 | 2402 | 1.27E-11 | 2504 | 1.55E-11 | 2606 | 1.49E-11 | 2708 | 1.64E-11 | 2810 | 1.65E-11 | 2912 | 1.58E-11 | 3014 | 1.52E-11 | 3116 | 1.38E-11 |
| 1996 | 1.46E-11 | 2098 | 9.93E-12 | 2200 | 9.50E-12 | 2302 | 1.05E-11 | 2404 | 1.31E-11 | 2506 | 1.59E-11 | 2608 | 1.53E-11 | 2710 | 1.60E-11 | 2812 | 1.66E-11 | 2914 | 1.55E-11 | 3016 | 1.47E-11 | 3118 | 1.36E-11 |
| 1998 | 1.51E-11 | 2100 | 1.09E-11 | 2202 | 9.64E-12 | 2304 | 9.46E-12 | 2406 | 1.26E-11 | 2508 | 1.59E-11 | 2610 | 1.54E-11 | 2712 | 1.60E-11 | 2814 | 1.62E-11 | 2916 | 1.54E-11 | 3018 | 1.45E-11 | 3120 | 1.42E-11 |
| 2000 | 1.65E-11 | 2102 | 9.67E-12 | 2204 | 8.66E-12 | 2306 | 9.65E-12 | 2408 | 1.42E-11 | 2510 | 1.51E-11 | 2612 | 1.52E-11 | 2714 | 1.63E-11 | 2816 | 1.62E-11 | 2918 | 1.53E-11 | 3020 | 1.45E-11 | 3122 | 1.44E-11 |
| 2002 | 1.60E-11 | 2104 | 8.36E-12 | 2206 | 8.86E-12 | 2308 | 1.01E-11 | 2410 | 1.43E-11 | 2512 | 1.54E-11 | 2614 | 1.56E-11 | 2716 | 1.59E-11 | 2818 | 1.63E-11 | 2920 | 1.51E-11 | 3022 | 1.45E-11 | 3124 | 1.40E-11 |
| 2004 | 1.45E-11 | 2106 | 8.18E-12 | 2208 | 8.13E-12 | 2310 | 1.04E-11 | 2412 | 1.35E-11 | 2514 | 1.53E-11 | 2616 | 1.65E-11 | 2718 | 1.54E-11 | 2820 | 1.61E-11 | 2922 | 1.51E-11 | 3024 | 1.45E-11 | 3126 | 1.44E-11 |
| 2006 | 1.71E-11 | 2108 | 8.78E-12 | 2210 | 8.70E-12 | 2312 | 9.74E-12 | 2414 | 1.38E-11 | 2516 | 1.55E-11 | 2618 | 1.67E-11 | 2720 | 1.60E-11 | 2822 | 1.62E-11 | 2924 | 1.51E-11 | 3026 | 1.46E-11 | 3128 | 1.45E-11 |
| 2008 | 1.63E-11 | 2110 | 1.07E-11 | 2212 | 7.95E-12 | 2314 | 1.02E-11 | 2416 | 1.33E-11 | 2518 | 1.57E-11 | 2620 | 1.63E-11 | 2722 | 1.66E-11 | 2824 | 1.66E-11 | 2926 | 1.57E-11 | 3028 | 1.47E-11 | 3130 | 1.43E-11 |
| 2010 | 1.60E-11 | 2112 | 1.19E-11 | 2214 | 6.78E-12 | 2316 | 1.10E-11 | 2418 | 1.34E-11 | 2520 | 1.61E-11 | 2622 | 1.59E-11 | 2724 | 1.61E-11 | 2826 | 1.67E-11 | 2928 | 1.62E-11 | 3030 | 1.46E-11 | 3132 | 1.38E-11 |
| 2012 | 1.35E-11 | 2114 | 9.24E-12 | 2216 | 8.38E-12 | 2318 | 1.17E-11 | 2420 | 1.45E-11 | 2522 | 1.57E-11 | 2624 | 1.69E-11 | 2726 | 1.67E-11 | 2828 | 1.65E-11 | 2930 | 1.63E-11 | 3032 | 1.46E-11 | 3134 | 1.33E-11 |
| 2014 | 1.48E-11 | 2116 | 9.37E-12 | 2218 | 8.82E-12 | 2320 | 1.09E-11 | 2422 | 1.45E-11 | 2524 | 1.56E-11 | 2626 | 1.73E-11 | 2728 | 1.66E-11 | 2830 | 1.65E-11 | 2932 | 1.61E-11 | 3034 | 1.47E-11 | 3136 | 1.36E-11 |
| 2016 | 1.50E-11 | 2118 | 1.01E-11 | 2220 | 8.19E-12 | 2322 | 1.06E-11 | 2424 | 1.31E-11 | 2526 | 1.56E-11 | 2628 | 1.69E-11 | 2730 | 1.60E-11 | 2832 | 1.62E-11 | 2934 | 1.58E-11 | 3036 | 1.47E-11 | 3138 | 1.45E-11 |
| 2018 | 1.51E-11 | 2120 | 7.26E-12 | 2222 | 8.44E-12 | 2324 | 9.48E-12 | 2426 | 1.26E-11 | 2528 | 1.51E-11 | 2630 | 1.68E-11 | 2732 | 1.56E-11 | 2834 | 1.59E-11 | 2936 | 1.54E-11 | 3038 | 1.45E-11 | 3140 | 1.52E-11 |
| 2020 | 1.50E-11 | 2122 | 1.03E-11 | 2224 | 8.67E-12 | 2326 | 9.93E-12 | 2428 | 1.32E-11 | 2530 | 1.52E-11 | 2632 | 1.69E-11 | 2734 | 1.50E-11 | 2836 | 1.63E-11 | 2938 | 1.54E-11 | 3040 | 1.44E-11 | 3142 | 1.48E-11 |
| 2022 | 1.40E-11 | 2124 | 1.07E-11 | 2226 | 8.82E-12 | 2328 | 1.07E-11 | 2430 | 1.35E-11 | 2532 | 1.52E-11 | 2634 | 1.67E-11 | 2736 | 1.52E-11 | 2838 | 1.62E-11 | 2940 | 1.57E-11 | 3042 | 1.44E-11 | 3144 | 1.41E-11 |
| 2024 | 1.35E-11 | 2126 | 9.23E-12 | 2228 | 9.47E-12 | 2330 | 1.11E-11 | 2432 | 1.38E-11 | 2534 | 1.57E-11 | 2636 | 1.54E-11 | 2738 | 1.62E-11 | 2840 | 1.64E-11 | 2942 | 1.56E-11 | 3044 | 1.41E-11 | 3146 | 1.35E-11 |
| 2026 | 1.24E-11 | 2128 | 9.42E-12 | 2230 | 8.51E-12 | 2332 | 1.17E-11 | 2434 | 1.42E-11 | 2536 | 1.70E-11 | 2638 | 1.55E-11 | 2740 | 1.64E-11 | 2842 | 1.65E-11 | 2944 | 1.54E-11 | 3046 | 1.41E-11 | 3148 | 1.34E-11 |
| 2028 | 1.40E-11 | 2130 | 1.07E-11 | 2232 | 7.74E-12 | 2334 | 1.02E-11 | 2436 | 1.47E-11 | 2538 | 1.67E-11 | 2640 | 1.64E-11 | 2742 | 1.63E-11 | 2844 | 1.61E-11 | 2946 | 1.52E-11 | 3048 | 1.48E-11 | 3150 | 1.37E-11 |
| 2030 | 1.60E-11 | 2132 | 9.73E-12 | 2234 | 8.44E-12 | 2336 | 1.02E-11 | 2438 | 1.56E-11 | 2540 | 1.57E-11 | 2642 | 1.59E-11 | 2744 | 1.62E-11 | 2846 | 1.59E-11 | 2948 | 1.50E-11 | 3050 | 1.51E-11 | 3152 | 1.37E-11 |
| 2032 | 1.53E-11 | 2134 | 7.49E-12 | 2236 | 9.18E-12 | 2338 | 1.14E-11 | 2440 | 1.53E-11 | 2542 | 1.59E-11 | 2644 | | 2746 | 1.62E-11 | 2848 | 1.54E-11 | 2950 | 1.53E-11 | 3052 | 1.50E-11 | 3154 | 1.35E-11 |
| 2034 | 1.64E-11 | 2136 | 7.54E-12 | 2238 | 9.69E-12 | 2340 | 1.26E-11 | 2442 | 1.47E-11 | 2544 | 1.63E-11 | 2646 | | 2748 | 1.64E-11 | 2850 | | 2952 | 1.60E-11 | 3054 | | 3156 | 1.32E-11 |
| 2036 | 1.47E-11 | 2138 | 9.61E-12 | 2240 | 8.39E-12 | 2342 | 1.13E-11 | 2444 | 1.51E-11 | 2546 | 1.63E-11 | 2648 | | 2750 | 1.58E-11 | 2852 | | 2954 | 1.55E-11 | 3056 | | 3158 | 1.35E-11 |
| 2038 | 1.34E-11 | 2140 | 1.09E-11 | 2242 | 9.08E-12 | 2344 | 1.03E-11 | 2446 | 1.46E-11 | 2548 | 1.64E-11 | 2650 | | 2752 | 1.64E-11 | 2854 | | 2956 | 1.50E-11 | 3058 | | 3160 | 1.40E-11 |
| 2040 | 1.27E-11 | 2142 | 8.82E-12 | 2244 | 7.50E-12 | 2346 | 1.12E-11 | 2448 | 1.43E-11 | 2550 | 1.72E-11 | 2652 | 1.67E-11 | 2754 | 1.69E-11 | 2856 | | 2958 | 1.53E-11 | 3060 | | 3162 | 1.40E-11 |
| 2042 | 1.35E-11 | 2144 | 8.12E-12 | 2246 | 8.00E-12 | 2348 | 1.05E-11 | 2450 | 1.47E-11 | 2552 | 1.72E-11 | 2654 | 1.68E-11 | 2756 | 1.65E-11 | 2858 | 1.71E-11 | 2960 | 1.58E-11 | 3062 | | 3164 | 1.39E-11 |
| 2044 | 1.51E-11 | 2146 | 7.37E-12 | 2248 | 8.42E-12 | 2350 | 1.16E-11 | 2452 | 1.43E-11 | 2554 | 1.65E-11 | 2656 | 1.69E-11 | 2758 | 1.65E-11 | 2860 | 1.65E-11 | 2962 | 1.60E-11 | 3064 | 1.42E-11 | 3166 | 1.37E-11 |
| 2046 | 1.46E-11 | 2148 | 8.23E-12 | 2250 | 9.39E-12 | 2352 | 1.25E-11 | 2454 | 1.46E-11 | 2556 | 1.61E-11 | 2658 | 1.66E-11 | 2760 | 1.66E-11 | 2862 | 1.62E-11 | 2964 | 1.59E-11 | 3066 | 1.40E-11 | 3168 | 1.36E-11 |
| 2048 | 1.50E-11 | 2150 | 7.13E-12 | 2252 | 8.84E-12 | 2354 | 1.20E-11 | 2456 | 1.53E-11 | 2558 | 1.63E-11 | 2660 | 1.58E-11 | 2762 | 1.65E-11 | 2864 | 1.65E-11 | 2966 | 1.57E-11 | 3068 | 1.44E-11 | 3170 | 1.35E-11 |
| 2050 | 1.52E-11 | 2152 | 7.00E-12 | 2254 | 8.00E-12 | 2356 | 1.11E-11 | 2458 | 1.57E-11 | 2560 | 1.66E-11 | 2662 | 1.61E-11 | 2764 | 1.65E-11 | 2866 | 1.58E-11 | 2968 | 1.56E-11 | 3070 | 1.46E-11 | 3172 | 1.35E-11 |
| 2052 | 1.45E-11 | 2154 | 9.54E-12 | 2256 | 9.63E-12 | 2358 | 1.20E-11 | 2460 | 1.49E-11 | 2562 | 1.55E-11 | 2664 | 1.65E-11 | 2766 | 1.65E-11 | 2868 | 1.52E-11 | 2970 | 1.55E-11 | 3072 | 1.44E-11 | 3174 | 1.37E-11 |
| 2054 | 1.37E-11 | 2156 | 7.63E-12 | 2258 | 1.09E-11 | 2360 | 1.18E-11 | 2462 | 1.47E-11 | 2564 | 1.55E-11 | 2666 | 1.58E-11 | 2768 | 1.68E-11 | 2870 | 1.59E-11 | 2972 | 1.53E-11 | 3074 | 1.44E-11 | 3176 | 1.38E-11 |
| 2056 | 1.11E-11 | 2158 | 6.24E-12 | 2260 | 1.06E-11 | 2362 | 1.21E-11 | 2464 | 1.41E-11 | 2566 | 1.60E-11 | 2668 | 1.57E-11 | 2770 | 1.69E-11 | 2872 | 1.59E-11 | 2974 | 1.51E-11 | 3076 | 1.47E-11 | 3178 | 1.34E-11 |
| 2058 | 1.22E-11 | 2160 | 7.43E-12 | 2262 | 9.69E-12 | 2364 | 1.27E-11 | 2466 | 1.50E-11 | 2568 | 1.58E-11 | 2670 | 1.59E-11 | 2772 | 1.64E-11 | 2874 | 1.60E-11 | 2976 | 1.50E-11 | 3078 | 1.47E-11 | 3180 | 1.37E-11 |
| 2060 | 1.14E-11 | 2162 | 7.55E-12 | 2264 | 9.22E-12 | 2366 | 1.29E-11 | 2468 | 1.46E-11 | 2570 | 1.58E-11 | 2672 | 1.62E-11 | 2774 | 1.59E-11 | 2876 | 1.61E-11 | 2978 | 1.49E-11 | 3080 | 1.41E-11 | 3182 | 1.31E-11 |
| 2062 | 1.11E-11 | 2164 | 7.58E-12 | 2266 | 9.58E-12 | 2368 | 1.28E-11 | 2470 | 1.51E-11 | 2572 | 1.57E-11 | 2674 | 1.60E-11 | 2776 | 1.55E-11 | 2878 | 1.64E-11 | 2980 | 1.47E-11 | 3082 | 1.37E-11 | 3184 | 1.28E-11 |
| 2064 | 1.38E-11 | 2166 | 9.16E-12 | 2268 | 9.27E-12 | 2370 | 1.22E-11 | 2472 | 1.55E-11 | 2574 | 1.49E-11 | 2676 | 1.56E-11 | 2778 | 1.59E-11 | 2880 | 1.65E-11 | 2982 | 1.49E-11 | 3084 | 1.39E-11 | 3186 | 1.32E-11 |
| 2066 | 1.42E-11 | 2168 | 7.63E-12 | 2270 | 9.09E-12 | 2372 | 1.13E-11 | 2474 | 1.48E-11 | 2576 | 1.43E-11 | 2678 | 1.57E-11 | 2780 | 1.62E-11 | 2882 | 1.59E-11 | 2984 | 1.49E-11 | 3086 | 1.43E-11 | 3188 | 1.33E-11 |
| 2068 | 1.34E-11 | 2170 | 6.91E-12 | 2272 | 9.06E-12 | 2374 | 1.18E-11 | 2476 | 1.60E-11 | 2578 | 1.47E-11 | 2680 | 1.64E-11 | 2782 | 1.55E-11 | 2884 | 1.55E-11 | 2986 | 1.49E-11 | 3088 | 1.40E-11 | 3190 | 1.34E-11 |
| 2070 | 1.32E-11 | 2172 | 8.80E-12 | 2274 | 9.10E-12 | 2376 | 1.30E-11 | 2478 | 1.57E-11 | 2580 | 1.58E-11 | 2682 | 1.63E-11 | 2784 | 1.54E-11 | 2886 | 1.54E-11 | 2988 | 1.52E-11 | 3090 | 1.35E-11 | 3192 | 1.35E-11 |
| 2072 | 1.26E-11 | 2174 | 6.93E-12 | 2276 | 9.62E-12 | 2378 | 1.27E-11 | 2480 | 1.57E-11 | 2582 | 1.64E-11 | 2684 | 1.60E-11 | 2786 | 1.53E-11 | 2888 | 1.53E-11 | 2990 | 1.54E-11 | 3092 | 1.36E-11 | 3194 | 1.32E-11 |
| 2074 | 1.04E-11 | 2176 | 6.52E-12 | 2278 | 9.97E-12 | 2380 | 1.21E-11 | 2482 | 1.57E-11 | 2584 | 1.62E-11 | 2686 | 1.60E-11 | 2788 | 1.52E-11 | 2890 | 1.55E-11 | 2992 | 1.57E-11 | 3094 | 1.38E-11 | 3196 | 1.35E-11 |
| 2076 | 1.09E-11 | 2178 | 7.11E-12 | 2280 | 1.04E-11 | 2382 | 1.12E-11 | 2484 | 1.52E-11 | 2586 | 1.52E-11 | 2688 | 1.62E-11 | 2790 | 1.53E-11 | 2892 | 1.54E-11 | 2994 | 1.57E-11 | 3096 | 1.41E-11 | 3198 | 1.39E-11 |


HD 152723 06.5 III(f) V=7.31 (B−V)=0.10 E(B−V)=0.42
LAP: LWP 11466
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 151515 O7 II(f) V=7.16 (B-V)=0.16 E(B-V)=0.48**

**LAP: SWP 31625**

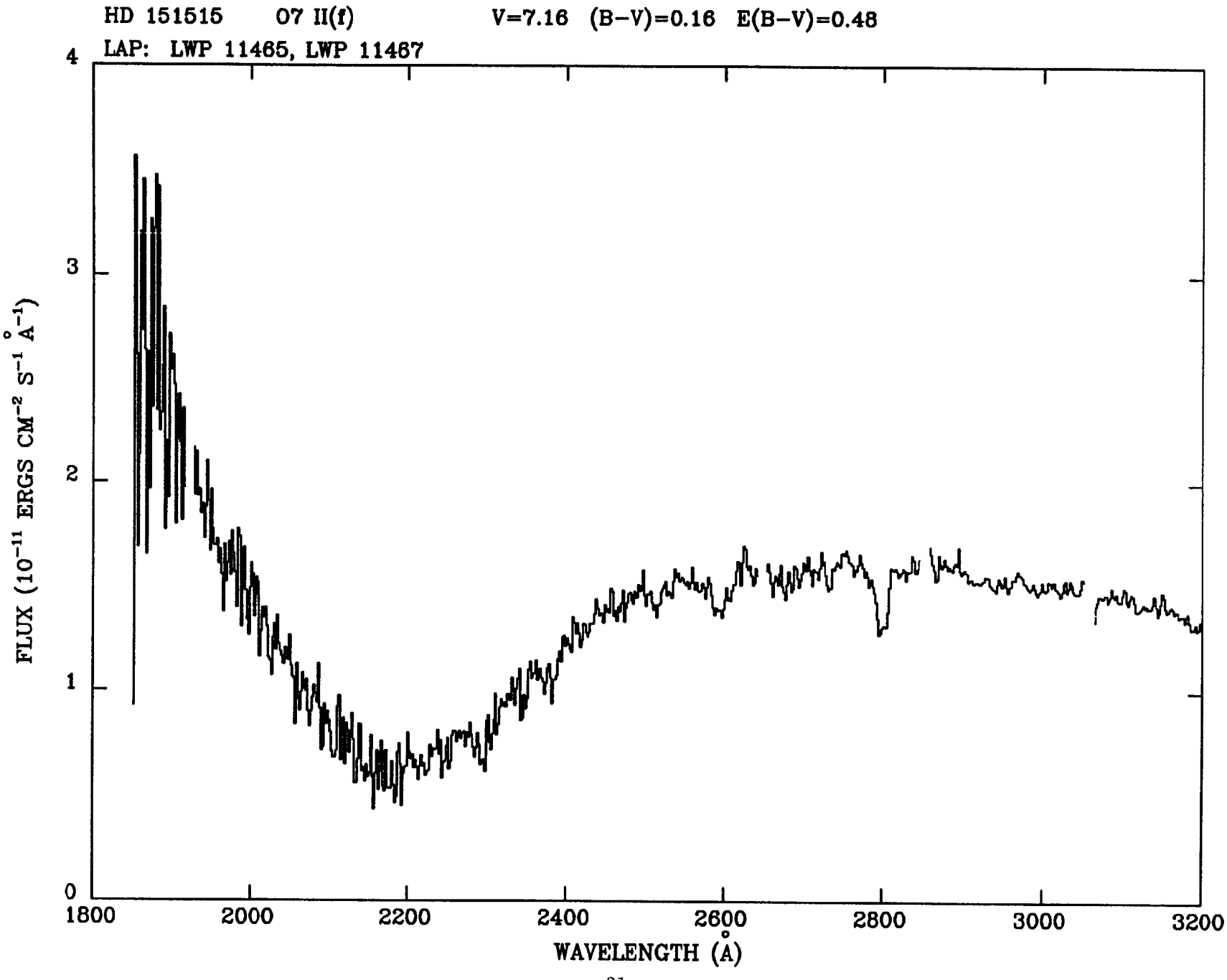
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 2.52E-11 | 1222 | 8.14E-12 | 1292 | 4.21E-11 | 1362 | 3.32E-11 | 1432 | 3.73E-11 | 1502 | 3.51E-11 | 1572 | 3.34E-11 | 1642 | 2.99E-11 | 1712 | 2.21E-11 | 1782 | 2.74E-11 | 1852 | 2.16E-11 | 1922 | |
| 1154 | 2.47E-11 | 1224 | 9.06E-12 | 1294 | 3.90E-11 | 1364 | 3.71E-11 | 1434 | 3.66E-11 | 1504 | 3.79E-11 | 1574 | 3.20E-11 | 1644 | 3.04E-11 | 1714 | 2.12E-11 | 1784 | 2.73E-11 | 1854 | 2.20E-11 | 1924 | |
| 1156 | 2.87E-11 | 1226 | 7.07E-12 | 1296 | 3.74E-11 | 1366 | 3.76E-11 | 1436 | 3.60E-11 | 1506 | 3.84E-11 | 1576 | 3.18E-11 | 1646 | 3.02E-11 | 1716 | 2.21E-11 | 1786 | 2.71E-11 | 1856 | 2.21E-11 | 1926 | |
| 1158 | 2.87E-11 | 1228 | 5.38E-12 | 1298 | 3.57E-11 | 1368 | 3.47E-11 | 1438 | 3.16E-11 | 1508 | 3.87E-11 | 1578 | 3.25E-11 | 1648 | 2.98E-11 | 1718 | 2.47E-11 | 1788 | 2.64E-11 | 1858 | 2.20E-11 | 1928 | 1.69E-11 |
| 1160 | 3.04E-11 | 1230 | 6.67E-12 | 1300 | 3.26E-11 | 1370 | 3.26E-11 | 1440 | 3.09E-11 | 1510 | 3.61E-11 | 1580 | 3.37E-11 | 1650 | 2.89E-11 | 1720 | 2.58E-11 | 1790 | | 1860 | 2.24E-11 | 1930 | 1.73E-11 |
| 1162 | 3.23E-11 | 1232 | 9.76E-12 | 1302 | 3.45E-11 | 1372 | 3.17E-11 | 1442 | 3.31E-11 | 1512 | 3.66E-11 | 1582 | 3.25E-11 | 1652 | 2.72E-11 | 1722 | 2.55E-11 | 1792 | | 1862 | 2.31E-11 | 1932 | 1.73E-11 |
| 1164 | 2.72E-11 | 1234 | 1.34E-11 | 1304 | 3.64E-11 | 1374 | 3.15E-11 | 1444 | 3.17E-11 | 1514 | 3.53E-11 | 1584 | 3.25E-11 | 1654 | 2.51E-11 | 1724 | 2.59E-11 | 1794 | 2.44E-11 | 1864 | 2.30E-11 | 1934 | 1.74E-11 |
| 1166 | 2.31E-11 | 1236 | 2.07E-11 | 1306 | 3.90E-11 | 1376 | 3.23E-11 | 1446 | 3.08E-11 | 1516 | 3.65E-11 | 1586 | 3.31E-11 | 1656 | 2.37E-11 | 1726 | 2.64E-11 | 1796 | 2.48E-11 | 1866 | 2.22E-11 | 1936 | 1.71E-11 |
| 1168 | 2.13E-11 | 1238 | 3.18E-11 | 1308 | 4.10E-11 | 1378 | 3.11E-11 | 1448 | 3.17E-11 | 1518 | 3.73E-11 | 1588 | 3.16E-11 | 1658 | 2.40E-11 | 1728 | 2.74E-11 | 1798 | 2.62E-11 | 1868 | 2.11E-11 | 1938 | 1.70E-11 |
| 1170 | 2.31E-11 | 1240 | 4.22E-11 | 1310 | 3.82E-11 | 1380 | 2.52E-11 | 1450 | 3.01E-11 | 1520 | 3.67E-11 | 1590 | 3.07E-11 | 1660 | | 1730 | 2.73E-11 | 1800 | 2.59E-11 | 1870 | 2.06E-11 | 1940 | 1.67E-11 |
| 1172 | 2.39E-11 | 1242 | 4.92E-11 | 1312 | 3.85E-11 | 1382 | 2.15E-11 | 1452 | 3.02E-11 | 1522 | 3.38E-11 | 1592 | 3.13E-11 | 1662 | | 1732 | 2.82E-11 | 1802 | 2.49E-11 | 1872 | 2.06E-11 | 1942 | 1.66E-11 |
| 1174 | 2.67E-11 | 1244 | 4.65E-11 | 1314 | 3.90E-11 | 1384 | 2.04E-11 | 1454 | 3.00E-11 | 1524 | 3.02E-11 | 1594 | 3.11E-11 | 1664 | 2.88E-11 | 1734 | 2.88E-11 | 1804 | 2.41E-11 | 1874 | 2.12E-11 | 1944 | 1.64E-11 |
| 1176 | 3.20E-11 | 1246 | 4.07E-11 | 1316 | 3.65E-11 | 1386 | 2.35E-11 | 1456 | 3.05E-11 | 1526 | 2.95E-11 | 1596 | 3.06E-11 | 1666 | 2.77E-11 | 1736 | 2.88E-11 | 1806 | 2.37E-11 | 1876 | 2.18E-11 | 1946 | 1.61E-11 |
| 1178 | 3.08E-11 | 1248 | 3.53E-11 | 1318 | 3.64E-11 | 1388 | 2.51E-11 | 1458 | 3.07E-11 | 1528 | 2.90E-11 | 1598 | 2.95E-11 | 1668 | 2.61E-11 | 1738 | 2.80E-11 | 1808 | 2.39E-11 | 1878 | 2.16E-11 | 1948 | 1.62E-11 |
| 1180 | 2.77E-11 | 1250 | 3.50E-11 | 1320 | 3.70E-11 | 1390 | 2.56E-11 | 1460 | 3.19E-11 | 1530 | 2.41E-11 | 1600 | 2.84E-11 | 1670 | 2.49E-11 | 1740 | 2.80E-11 | 1810 | 2.50E-11 | 1880 | 2.08E-11 | 1950 | 1.59E-11 |
| 1182 | 2.76E-11 | 1252 | 3.45E-11 | 1322 | | 1392 | 2.72E-11 | 1462 | 3.15E-11 | 1532 | 1.46E-11 | 1602 | 2.79E-11 | 1672 | 2.61E-11 | 1742 | 2.78E-11 | 1812 | 2.54E-11 | 1882 | 2.07E-11 | 1952 | 1.54E-11 |
| 1184 | 2.73E-11 | 1254 | 3.48E-11 | 1324 | | 1394 | 3.29E-11 | 1464 | 3.29E-11 | 1534 | 7.64E-12 | 1604 | 2.73E-11 | 1674 | 2.82E-11 | 1744 | 2.77E-11 | 1814 | 2.57E-11 | 1884 | 2.07E-11 | 1954 | 1.53E-11 |
| 1186 | 2.73E-11 | 1256 | 3.21E-11 | 1326 | | 1396 | 3.59E-11 | 1466 | 3.50E-11 | 1536 | 5.00E-12 | 1606 | 2.60E-11 | 1676 | 3.03E-11 | 1746 | 2.73E-11 | 1816 | 2.57E-11 | 1886 | 2.07E-11 | 1956 | 1.54E-11 |
| 1188 | 2.17E-11 | 1258 | 3.17E-11 | 1328 | | 1398 | 3.85E-11 | 1468 | 3.58E-11 | 1538 | 5.82E-12 | 1608 | 2.41E-11 | 1678 | 3.18E-11 | 1748 | 2.70E-11 | 1818 | 2.56E-11 | 1888 | 2.11E-11 | 1958 | 1.55E-11 |
| 1190 | 1.99E-11 | 1260 | 3.52E-11 | 1330 | 3.62E-11 | 1400 | 4.13E-11 | 1470 | 3.60E-11 | 1540 | 8.81E-12 | 1610 | 2.50E-11 | 1680 | 3.12E-11 | 1750 | 2.71E-11 | 1820 | 2.53E-11 | 1890 | 2.11E-11 | 1960 | 1.58E-11 |
| 1192 | | 1262 | 3.80E-11 | 1332 | 3.35E-11 | 1402 | 4.26E-11 | 1472 | 3.66E-11 | 1542 | 1.49E-11 | 1612 | 2.49E-11 | 1682 | 3.09E-11 | 1752 | 2.81E-11 | 1822 | 2.50E-11 | 1892 | 2.08E-11 | 1962 | 1.54E-11 |
| 1194 | | 1264 | 3.80E-11 | 1334 | 3.25E-11 | 1404 | 4.09E-11 | 1474 | 3.64E-11 | 1544 | 2.17E-11 | 1614 | 2.50E-11 | 1684 | 2.98E-11 | 1754 | 2.93E-11 | 1824 | 2.47E-11 | 1894 | 2.05E-11 | 1964 | 1.53E-11 |
| 1196 | 1.46E-11 | 1266 | 3.70E-11 | 1336 | 3.39E-11 | 1406 | 3.66E-11 | 1476 | 3.55E-11 | 1546 | 3.06E-11 | 1616 | 2.60E-11 | 1686 | 2.84E-11 | 1756 | 2.87E-11 | 1826 | 2.48E-11 | 1896 | 2.06E-11 | 1966 | 1.51E-11 |
| 1198 | 1.40E-11 | 1268 | 3.82E-11 | 1338 | 3.61E-11 | 1408 | 3.67E-11 | 1478 | 3.71E-11 | 1548 | 4.07E-11 | 1618 | 2.62E-11 | 1688 | 2.89E-11 | 1758 | 2.90E-11 | 1828 | 2.52E-11 | 1898 | 2.06E-11 | 1968 | 1.48E-11 |
| 1200 | 1.41E-11 | 1270 | 3.98E-11 | 1340 | 3.54E-11 | 1410 | 3.76E-11 | 1480 | 3.78E-11 | 1550 | 4.92E-11 | 1620 | 2.75E-11 | 1690 | 2.86E-11 | 1760 | 2.76E-11 | 1830 | 2.57E-11 | 1900 | 2.02E-11 | 1970 | 1.48E-11 |
| 1202 | 1.28E-11 | 1272 | 3.85E-11 | 1342 | 3.42E-11 | 1412 | 3.68E-11 | 1482 | 3.76E-11 | 1552 | 5.12E-11 | 1622 | 2.65E-11 | 1692 | 2.81E-11 | 1762 | 2.74E-11 | 1832 | 2.59E-11 | 1902 | 1.95E-11 | 1972 | 1.43E-11 |
| 1204 | 8.20E-12 | 1274 | 3.78E-11 | 1344 | 3.83E-11 | 1414 | 3.19E-11 | 1484 | 3.78E-11 | 1554 | 4.63E-11 | 1624 | 2.61E-11 | 1694 | 2.73E-11 | 1764 | 2.76E-11 | 1834 | 2.54E-11 | 1904 | 1.89E-11 | 1974 | 1.39E-11 |
| 1206 | 5.27E-12 | 1276 | 3.80E-11 | 1346 | 3.72E-11 | 1416 | 3.14E-11 | 1486 | 3.92E-11 | 1556 | 4.13E-11 | 1626 | 2.55E-11 | 1696 | 2.73E-11 | 1766 | 2.81E-11 | 1836 | 2.45E-11 | 1906 | 1.86E-11 | | |
| 1208 | 5.51E-12 | 1278 | 3.71E-11 | 1348 | 3.88E-11 | 1418 | 3.32E-11 | 1488 | 4.00E-11 | 1558 | 3.63E-11 | 1628 | 2.58E-11 | 1698 | 2.75E-11 | 1768 | 2.84E-11 | 1838 | 2.40E-11 | 1908 | 1.86E-11 | | |
| 1210 | 3.87E-12 | 1280 | 3.85E-11 | 1350 | 3.86E-11 | 1420 | 3.44E-11 | 1490 | 3.90E-11 | 1560 | 3.29E-11 | 1630 | 2.63E-11 | 1700 | 2.78E-11 | 1770 | 2.89E-11 | 1840 | 2.36E-11 | 1910 | 1.87E-11 | | |
| 1212 | 3.58E-12 | 1282 | 3.92E-11 | 1352 | 3.94E-11 | 1422 | 3.47E-11 | 1492 | 3.79E-11 | 1562 | 3.12E-11 | 1632 | 2.84E-11 | 1702 | 2.78E-11 | 1772 | 2.90E-11 | 1842 | 2.37E-11 | 1912 | 1.87E-11 | | |
| 1214 | 3.87E-12 | 1284 | 3.92E-11 | 1354 | 3.65E-11 | 1424 | 3.38E-11 | 1494 | 3.62E-11 | 1564 | 2.94E-11 | 1634 | 2.91E-11 | 1704 | 2.76E-11 | 1774 | 2.92E-11 | 1844 | 2.33E-11 | 1914 | 1.87E-11 | | |
| 1216 | 3.46E-12 | 1286 | 4.10E-11 | 1356 | 3.65E-11 | 1426 | 3.06E-11 | 1496 | 3.49E-11 | 1566 | 3.04E-11 | 1636 | 2.82E-11 | 1706 | 2.66E-11 | 1776 | 2.86E-11 | 1846 | 2.30E-11 | 1916 | 1.82E-11 | | |
| 1218 | 3.84E-12 | 1288 | 4.23E-11 | 1358 | 3.47E-11 | 1428 | 3.03E-11 | 1498 | 3.27E-11 | 1568 | 3.11E-11 | 1638 | 2.70E-11 | 1708 | 2.48E-11 | 1778 | 2.77E-11 | 1848 | 2.24E-11 | 1918 | 1.74E-11 | | |
| 1220 | 5.70E-12 | 1290 | 4.19E-11 | 1360 | 3.25E-11 | 1430 | 3.45E-11 | 1500 | 3.33E-11 | 1570 | 3.28E-11 | 1640 | 2.80E-11 | 1710 | 2.36E-11 | 1780 | 2.78E-11 | 1850 | 2.17E-11 | 1920 | 1.71E-11 | | |


HD 151515 O7 II(f) V=7.16 (B−V)=0.16 E(B−V)=0.48
LAP: SWP 31625
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
5
6
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

HD 151515 O7 II(f) V=7.16 (B-V)=0.16 E(B-V)=0.48

LAP: LWP 11465, LWP 11467

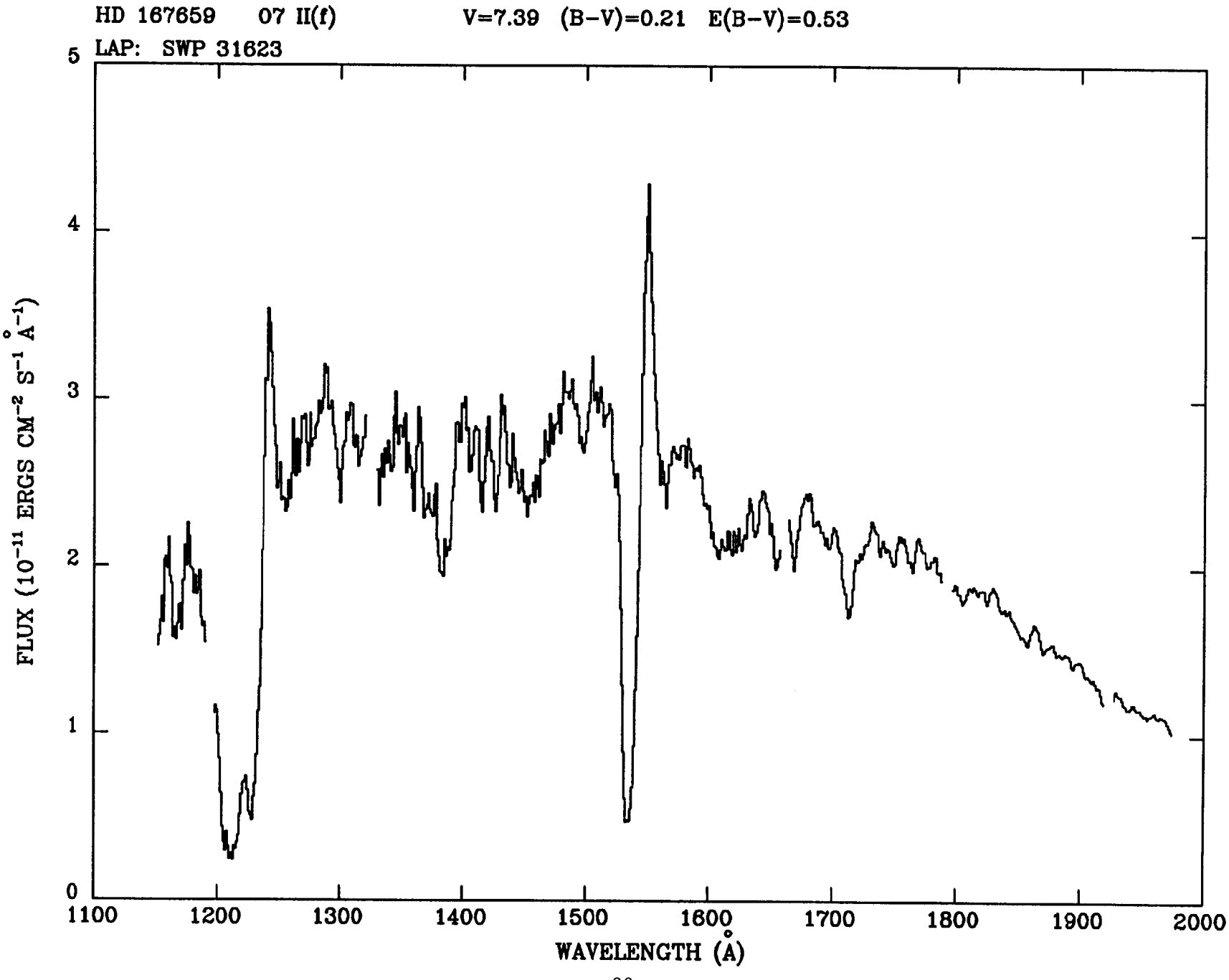
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.68E-11 | 2078 | 9.35E-12 | 2180 | 6.58E-12 | 2282 | 7.55E-12 | 2384 | 1.06E-11 | 2486 | 1.46E-11 | 2588 | 1.38E-11 | 2690 | 1.60E-11 | 2792 | 1.40E-11 | 2894 | 1.69E-11 | 2996 | 1.49E-11 | 3098 | 1.44E-11 |
| 1978 | 1.70E-11 | 2080 | 1.00E-11 | 2182 | 5.38E-12 | 2284 | 7.01E-12 | 2386 | 1.06E-11 | 2488 | 1.46E-11 | 2590 | 1.40E-11 | 2692 | 1.55E-11 | 2794 | 1.32E-11 | 2896 | 1.59E-11 | 2998 | 1.51E-11 | 3100 | 1.47E-11 |
| 1980 | 1.59E-11 | 2082 | 1.00E-11 | 2184 | 4.72E-12 | 2286 | 7.18E-12 | 2388 | 1.10E-11 | 2490 | 1.45E-11 | 2592 | 1.39E-11 | 2694 | 1.51E-11 | 2796 | 1.28E-11 | 2898 | 1.57E-11 | 3000 | 1.51E-11 | 3102 | 1.50E-11 |
| 1982 | 1.44E-11 | 2084 | 9.57E-12 | 2186 | 5.47E-12 | 2288 | 7.85E-12 | 2390 | 1.17E-11 | 2492 | 1.51E-11 | 2594 | 1.39E-11 | 2696 | 1.54E-11 | 2798 | 1.30E-11 | 2900 | 1.58E-11 | 3002 | 1.49E-11 | 3104 | 1.48E-11 |
| 1984 | 1.72E-11 | 2086 | 1.08E-11 | 2188 | 7.21E-12 | 2290 | 7.53E-12 | 2392 | 1.17E-11 | 2494 | 1.49E-11 | 2596 | 1.37E-11 | 2698 | 1.58E-11 | 2800 | 1.31E-11 | 2902 | 1.58E-11 | 3004 | 1.49E-11 | 3106 | 1.43E-11 |
| 1986 | 1.74E-11 | 2088 | 9.59E-12 | 2190 | 7.08E-12 | 2292 | 6.54E-12 | 2394 | 1.20E-11 | 2496 | 1.52E-11 | 2598 | 1.38E-11 | 2700 | 1.62E-11 | 2802 | 1.32E-11 | 2904 | 1.57E-11 | 3006 | 1.53E-11 | 3108 | 1.44E-11 |
| 1988 | 1.35E-11 | 2090 | 7.48E-12 | 2192 | 5.60E-12 | 2294 | 6.72E-12 | 2396 | 1.26E-11 | 2498 | 1.56E-11 | 2600 | 1.43E-11 | 2702 | 1.59E-11 | 2804 | 1.31E-11 | 2906 | 1.56E-11 | 3008 | 1.53E-11 | 3110 | 1.46E-11 |
| 1990 | 1.68E-11 | 2092 | 7.32E-12 | 2194 | 5.36E-12 | 2296 | 6.69E-12 | 2398 | 1.23E-11 | 2500 | 1.45E-11 | 2602 | 1.49E-11 | 2704 | 1.61E-11 | 2806 | 1.37E-11 | 2908 | 1.53E-11 | 3010 | 1.51E-11 | 3112 | 1.47E-11 |
| 1992 | 1.66E-11 | 2094 | 9.33E-12 | 2196 | 6.24E-12 | 2298 | 6.54E-12 | 2400 | 1.24E-11 | 2502 | 1.43E-11 | 2604 | 1.45E-11 | 2706 | 1.63E-11 | 2808 | 1.49E-11 | 2910 | 1.54E-11 | 3012 | 1.53E-11 | 3114 | 1.45E-11 |
| 1994 | 1.44E-11 | 2096 | 8.49E-12 | 2198 | 6.39E-12 | 2300 | 8.64E-12 | 2402 | 1.23E-11 | 2504 | 1.47E-11 | 2606 | 1.45E-11 | 2708 | 1.58E-11 | 2810 | 1.59E-11 | 2912 | 1.53E-11 | 3014 | 1.53E-11 | 3116 | 1.41E-11 |
| 1996 | 1.32E-11 | 2098 | 8.91E-12 | 2200 | 7.59E-12 | 2302 | 8.45E-12 | 2404 | 1.21E-11 | 2506 | 1.47E-11 | 2608 | 1.44E-11 | 2710 | 1.54E-11 | 2812 | 1.59E-11 | 2914 | 1.52E-11 | 3016 | 1.50E-11 | 3118 | 1.39E-11 |
| 1998 | 1.34E-11 | 2100 | 8.45E-12 | 2202 | 7.27E-12 | 2304 | 7.43E-12 | 2406 | 1.19E-11 | 2508 | 1.46E-11 | 2610 | 1.49E-11 | 2712 | 1.56E-11 | 2814 | 1.59E-11 | 2916 | 1.53E-11 | 3018 | 1.49E-11 | 3120 | 1.39E-11 |
| 2000 | 1.56E-11 | 2102 | 7.72E-12 | 2204 | 6.81E-12 | 2306 | 7.56E-12 | 2408 | 1.34E-11 | 2510 | 1.41E-11 | 2612 | 1.51E-11 | 2714 | 1.58E-11 | 2816 | 1.59E-11 | 2918 | 1.53E-11 | 3020 | 1.48E-11 | 3122 | 1.40E-11 |
| 2002 | 1.57E-11 | 2104 | 7.00E-12 | 2206 | 6.96E-12 | 2308 | 8.31E-12 | 2410 | 1.32E-11 | 2512 | 1.41E-11 | 2614 | 1.53E-11 | 2716 | 1.58E-11 | 2818 | 1.57E-11 | 2920 | 1.52E-11 | 3022 | 1.46E-11 | 3124 | 1.41E-11 |
| 2004 | 1.38E-11 | 2106 | 6.83E-12 | 2208 | 6.37E-12 | 2310 | 9.30E-12 | 2412 | 1.28E-11 | 2514 | 1.38E-11 | 2616 | 1.59E-11 | 2718 | 1.55E-11 | 2820 | 1.56E-11 | 2922 | 1.52E-11 | 3024 | 1.47E-11 | 3126 | 1.42E-11 |
| 2006 | 1.45E-11 | 2108 | 7.00E-12 | 2210 | 6.67E-12 | 2312 | 8.59E-12 | 2414 | 1.31E-11 | 2516 | 1.40E-11 | 2618 | 1.62E-11 | 2720 | 1.59E-11 | 2822 | 1.57E-11 | 2924 | 1.53E-11 | 3026 | 1.51E-11 | 3128 | 1.41E-11 |
| 2008 | 1.54E-11 | 2110 | 8.40E-12 | 2212 | 6.27E-12 | 2314 | 8.26E-12 | 2416 | 1.26E-11 | 2518 | 1.42E-11 | 2620 | 1.58E-11 | 2722 | 1.67E-11 | 2824 | 1.58E-11 | 2926 | 1.54E-11 | 3028 | 1.53E-11 | 3130 | 1.41E-11 |
| 2010 | 1.46E-11 | 2112 | 9.58E-12 | 2214 | 5.93E-12 | 2316 | 9.03E-12 | 2418 | 1.22E-11 | 2520 | 1.47E-11 | 2622 | 1.56E-11 | 2724 | 1.62E-11 | 2826 | 1.59E-11 | 2928 | 1.55E-11 | 3030 | 1.50E-11 | 3132 | 1.40E-11 |
| 2012 | 1.19E-11 | 2114 | 7.46E-12 | 2216 | 6.57E-12 | 2318 | 9.55E-12 | 2420 | 1.28E-11 | 2522 | 1.49E-11 | 2624 | 1.67E-11 | 2726 | 1.62E-11 | 2828 | 1.55E-11 | 2930 | 1.55E-11 | 3032 | 1.50E-11 | 3134 | 1.41E-11 |
| 2014 | 1.31E-11 | 2116 | 7.65E-12 | 2218 | 6.75E-12 | 2320 | 9.32E-12 | 2422 | 1.32E-11 | 2524 | 1.51E-11 | 2626 | 1.69E-11 | 2728 | 1.55E-11 | 2830 | 1.57E-11 | 2932 | 1.54E-11 | 3034 | 1.53E-11 | 3136 | 1.41E-11 |
| 2016 | 1.38E-11 | 2118 | 8.58E-12 | 2220 | 6.47E-12 | 2322 | 9.44E-12 | 2424 | 1.30E-11 | 2526 | 1.52E-11 | 2628 | 1.63E-11 | 2730 | 1.51E-11 | 2832 | 1.58E-11 | 2934 | 1.52E-11 | 3036 | 1.52E-11 | 3138 | 1.44E-11 |
| 2018 | 1.37E-11 | 2120 | 6.63E-12 | 2222 | 6.26E-12 | 2324 | 9.31E-12 | 2426 | 1.27E-11 | 2528 | 1.47E-11 | 2630 | 1.59E-11 | 2732 | 1.49E-11 | 2834 | 1.58E-11 | 2936 | 1.51E-11 | 3038 | 1.49E-11 | 3140 | 1.47E-11 |
| 2020 | 1.36E-11 | 2122 | 8.44E-12 | 2224 | 6.08E-12 | 2326 | 9.85E-12 | 2428 | 1.28E-11 | 2530 | 1.48E-11 | 2632 | 1.60E-11 | 2734 | 1.50E-11 | 2836 | 1.65E-11 | 2938 | 1.50E-11 | 3040 | 1.48E-11 | 3142 | 1.44E-11 |
| 2022 | 1.22E-11 | 2124 | 7.96E-12 | 2226 | 6.19E-12 | 2328 | 9.78E-12 | 2430 | 1.31E-11 | 2532 | 1.46E-11 | 2634 | 1.56E-11 | 2736 | 1.54E-11 | 2838 | 1.63E-11 | 2940 | 1.49E-11 | 3042 | 1.48E-11 | 3144 | 1.39E-11 |
| 2024 | 1.15E-11 | 2126 | 7.20E-12 | 2228 | 7.04E-12 | 2330 | 9.89E-12 | 2432 | 1.32E-11 | 2534 | 1.48E-11 | 2636 | 1.52E-11 | 2738 | 1.59E-11 | 2840 | 1.58E-11 | 2942 | 1.51E-11 | 3044 | 1.48E-11 | 3146 | 1.39E-11 |
| 2026 | 1.10E-11 | 2128 | 8.07E-12 | 2230 | 7.01E-12 | 2332 | 1.05E-11 | 2434 | 1.33E-11 | 2536 | 1.56E-11 | 2638 | 1.53E-11 | 2740 | 1.60E-11 | 2842 | 1.58E-11 | 2944 | 1.54E-11 | 3046 | 1.48E-11 | 3148 | 1.42E-11 |
| 2028 | 1.21E-11 | 2130 | 8.55E-12 | 2232 | 7.19E-12 | 2334 | 9.77E-12 | 2436 | 1.37E-11 | 2538 | 1.57E-11 | 2640 | 1.59E-11 | 2742 | 1.62E-11 | 2844 | 1.60E-11 | 2946 | 1.54E-11 | 3048 | 1.52E-11 | 3150 | 1.47E-11 |
| 2030 | 1.31E-11 | 2132 | 6.96E-12 | 2234 | 7.18E-12 | 2336 | 9.72E-12 | 2438 | 1.44E-11 | 2540 | 1.56E-11 | 2642 | 1.56E-11 | 2744 | 1.62E-11 | 2846 | 1.64E-11 | 2948 | 1.51E-11 | 3050 | 1.54E-11 | 3152 | 1.46E-11 |
| 2032 | 1.21E-11 | 2134 | 5.63E-12 | 2236 | 7.30E-12 | 2338 | 1.04E-11 | 2440 | 1.39E-11 | 2542 | 1.54E-11 | 2644 | | 2746 | 1.61E-11 | 2848 | | 2950 | 1.52E-11 | 3052 | 1.53E-11 | 3154 | 1.41E-11 |
| 2034 | 1.35E-11 | 2136 | 6.19E-12 | 2238 | 8.00E-12 | 2340 | 1.09E-11 | 2442 | 1.36E-11 | 2544 | 1.53E-11 | 2646 | | 2748 | 1.66E-11 | 2850 | | 2952 | 1.56E-11 | 3054 | | 3156 | 1.39E-11 |
| 2036 | 1.22E-11 | 2138 | 7.67E-12 | 2240 | 7.08E-12 | 2342 | 9.47E-12 | 2444 | 1.37E-11 | 2546 | 1.54E-11 | 2648 | | 2750 | 1.67E-11 | 2852 | | 2954 | 1.51E-11 | 3056 | | 3158 | 1.40E-11 |
| 2038 | 1.18E-11 | 2140 | 8.39E-12 | 2242 | 7.20E-12 | 2344 | 8.68E-12 | 2446 | 1.36E-11 | 2548 | 1.54E-11 | 2650 | | 2752 | 1.66E-11 | 2854 | | 2956 | 1.49E-11 | 3058 | | 3160 | 1.41E-11 |
| 2040 | 1.16E-11 | 2142 | 6.83E-12 | 2244 | 6.07E-12 | 2346 | 9.58E-12 | 2448 | 1.36E-11 | 2550 | 1.52E-11 | 2652 | 1.58E-11 | 2754 | 1.68E-11 | 2856 | | 2958 | 1.51E-11 | 3060 | | 3162 | 1.41E-11 |
| 2042 | 1.15E-11 | 2144 | 6.29E-12 | 2246 | 6.62E-12 | 2348 | 9.27E-12 | 2450 | 1.40E-11 | 2552 | 1.51E-11 | 2654 | 1.60E-11 | 2756 | 1.65E-11 | 2858 | 1.70E-11 | 2960 | 1.52E-11 | 3062 | | 3164 | 1.40E-11 |
| 2044 | 1.20E-11 | 2146 | 5.78E-12 | 2248 | 6.99E-12 | 2350 | 9.60E-12 | 2452 | 1.39E-11 | 2554 | 1.52E-11 | 2656 | 1.59E-11 | 2758 | 1.62E-11 | 2860 | 1.67E-11 | 2962 | 1.54E-11 | 3064 | 1.34E-11 | 3166 | 1.39E-11 |
| 2046 | 1.16E-11 | 2148 | 6.41E-12 | 2250 | 7.58E-12 | 2352 | 1.11E-11 | 2454 | 1.38E-11 | 2556 | 1.50E-11 | 2658 | 1.54E-11 | 2760 | 1.62E-11 | 2862 | 1.63E-11 | 2964 | 1.54E-11 | 3066 | 1.41E-11 | 3168 | 1.39E-11 |
| 2048 | 1.20E-11 | 2150 | 5.93E-12 | 2252 | 6.96E-12 | 2354 | 1.13E-11 | 2456 | 1.45E-11 | 2558 | 1.54E-11 | 2660 | 1.48E-11 | 2762 | 1.59E-11 | 2864 | 1.59E-11 | 2966 | 1.55E-11 | 3068 | 1.44E-11 | 3170 | 1.37E-11 |
| 2050 | 1.19E-11 | 2152 | 6.26E-12 | 2254 | 6.51E-12 | 2356 | 1.07E-11 | 2458 | 1.48E-11 | 2560 | 1.58E-11 | 2662 | 1.52E-11 | 2764 | 1.57E-11 | 2866 | 1.54E-11 | 2968 | 1.57E-11 | 3070 | 1.46E-11 | 3172 | 1.37E-11 |
| 2052 | 1.09E-11 | 2154 | 7.57E-12 | 2256 | 7.44E-12 | 2358 | 1.08E-11 | 2460 | 1.39E-11 | 2562 | 1.51E-11 | 2664 | 1.55E-11 | 2766 | 1.59E-11 | 2868 | 1.55E-11 | 2970 | 1.57E-11 | 3072 | 1.46E-11 | 3174 | 1.37E-11 |
| 2054 | 1.06E-11 | 2156 | 5.50E-12 | 2258 | 8.05E-12 | 2360 | 1.11E-11 | 2462 | 1.38E-11 | 2564 | 1.51E-11 | 2666 | 1.55E-11 | 2768 | 1.60E-11 | 2870 | 1.65E-11 | 2972 | 1.56E-11 | 3074 | 1.45E-11 | 3176 | 1.37E-11 |
| 2056 | 9.06E-12 | 2158 | 4.88E-12 | 2260 | 8.07E-12 | 2362 | 1.11E-11 | 2464 | 1.34E-11 | 2566 | 1.50E-11 | 2668 | 1.52E-11 | 2770 | 1.64E-11 | 2872 | 1.61E-11 | 2974 | 1.55E-11 | 3076 | 1.46E-11 | 3178 | 1.35E-11 |
| 2058 | 1.06E-11 | 2160 | 6.46E-12 | 2262 | 7.66E-12 | 2364 | 1.08E-11 | 2466 | 1.41E-11 | 2568 | 1.48E-11 | 2670 | 1.57E-11 | 2772 | 1.64E-11 | 2874 | 1.60E-11 | 2976 | 1.53E-11 | 3078 | 1.47E-11 | 3180 | 1.37E-11 |
| 2060 | 9.88E-12 | 2162 | 6.32E-12 | 2264 | 7.87E-12 | 2366 | 1.11E-11 | 2468 | 1.39E-11 | 2570 | 1.48E-11 | 2672 | 1.58E-11 | 2774 | 1.60E-11 | 2876 | 1.62E-11 | 2978 | 1.52E-11 | 3080 | 1.45E-11 | 3182 | 1.38E-11 |
| 2062 | 9.11E-12 | 2164 | 5.73E-12 | 2266 | 8.08E-12 | 2368 | 1.08E-11 | 2470 | 1.43E-11 | 2572 | 1.51E-11 | 2674 | 1.50E-11 | 2776 | 1.56E-11 | 2878 | 1.63E-11 | 2980 | 1.51E-11 | 3082 | 1.44E-11 | 3184 | 1.34E-11 |
| 2064 | 9.95E-12 | 2166 | 6.94E-12 | 2268 | 7.78E-12 | 2370 | 1.05E-11 | 2472 | 1.45E-11 | 2574 | 1.51E-11 | 2676 | 1.47E-11 | 2778 | 1.58E-11 | 2880 | 1.60E-11 | 2982 | 1.50E-11 | 3084 | 1.46E-11 | 3186 | 1.31E-11 |
| 2066 | 1.08E-11 | 2168 | 6.18E-12 | 2270 | 8.00E-12 | 2372 | 1.00E-11 | 2474 | 1.35E-11 | 2576 | 1.46E-11 | 2678 | 1.47E-11 | 2780 | 1.56E-11 | 2882 | 1.60E-11 | 2984 | 1.49E-11 | 3086 | 1.49E-11 | 3188 | 1.31E-11 |
| 2068 | 1.01E-11 | 2170 | 5.29E-12 | 2272 | 7.90E-12 | 2374 | 1.03E-11 | 2476 | 1.41E-11 | 2578 | 1.49E-11 | 2680 | 1.54E-11 | 2782 | 1.51E-11 | 2884 | 1.60E-11 | 2986 | 1.51E-11 | 3088 | 1.48E-11 | 3190 | 1.32E-11 |
| 2070 | 1.01E-11 | 2172 | 6.68E-12 | 2274 | 7.60E-12 | 2376 | 1.10E-11 | 2478 | 1.45E-11 | 2580 | 1.54E-11 | 2682 | 1.55E-11 | 2784 | 1.52E-11 | 2886 | 1.59E-11 | 2988 | 1.52E-11 | 3090 | 1.46E-11 | 3192 | 1.32E-11 |
| 2072 | 1.01E-11 | 2174 | 5.74E-12 | 2276 | 7.93E-12 | 2378 | 1.13E-11 | 2480 | 1.47E-11 | 2582 | 1.51E-11 | 2684 | 1.50E-11 | 2786 | 1.54E-11 | 2888 | 1.60E-11 | 2990 | 1.50E-11 | 3092 | 1.47E-11 | 3194 | 1.30E-11 |
| 2074 | 8.79E-12 | 2176 | 5.34E-12 | 2278 | 8.10E-12 | 2380 | 1.06E-11 | 2482 | 1.45E-11 | 2584 | 1.45E-11 | 2686 | 1.49E-11 | 2788 | 1.50E-11 | 2890 | 1.62E-11 | 2992 | 1.48E-11 | 3094 | 1.44E-11 | 3196 | 1.32E-11 |
| 2076 | 8.63E-12 | 2178 | 5.35E-12 | 2280 | 8.17E-12 | 2382 | 9.54E-12 | 2484 | 1.43E-11 | 2586 | 1.40E-11 | 2688 | 1.58E-11 | 2790 | 1.46E-11 | 2892 | 1.61E-11 | 2994 | 1.47E-11 | 3096 | 1.44E-11 | 3198 | 1.34E-11 |


HD 151515 07 II(f) V=7.16 (B-V)=0.16 E(B-V)=0.48
LAP: LWP 11465, LWP 11467
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 167659 O7 II(f) V=7.39 (B-V)=0.21 E(B-V)=0.53**

**LAP: SWP 31623**

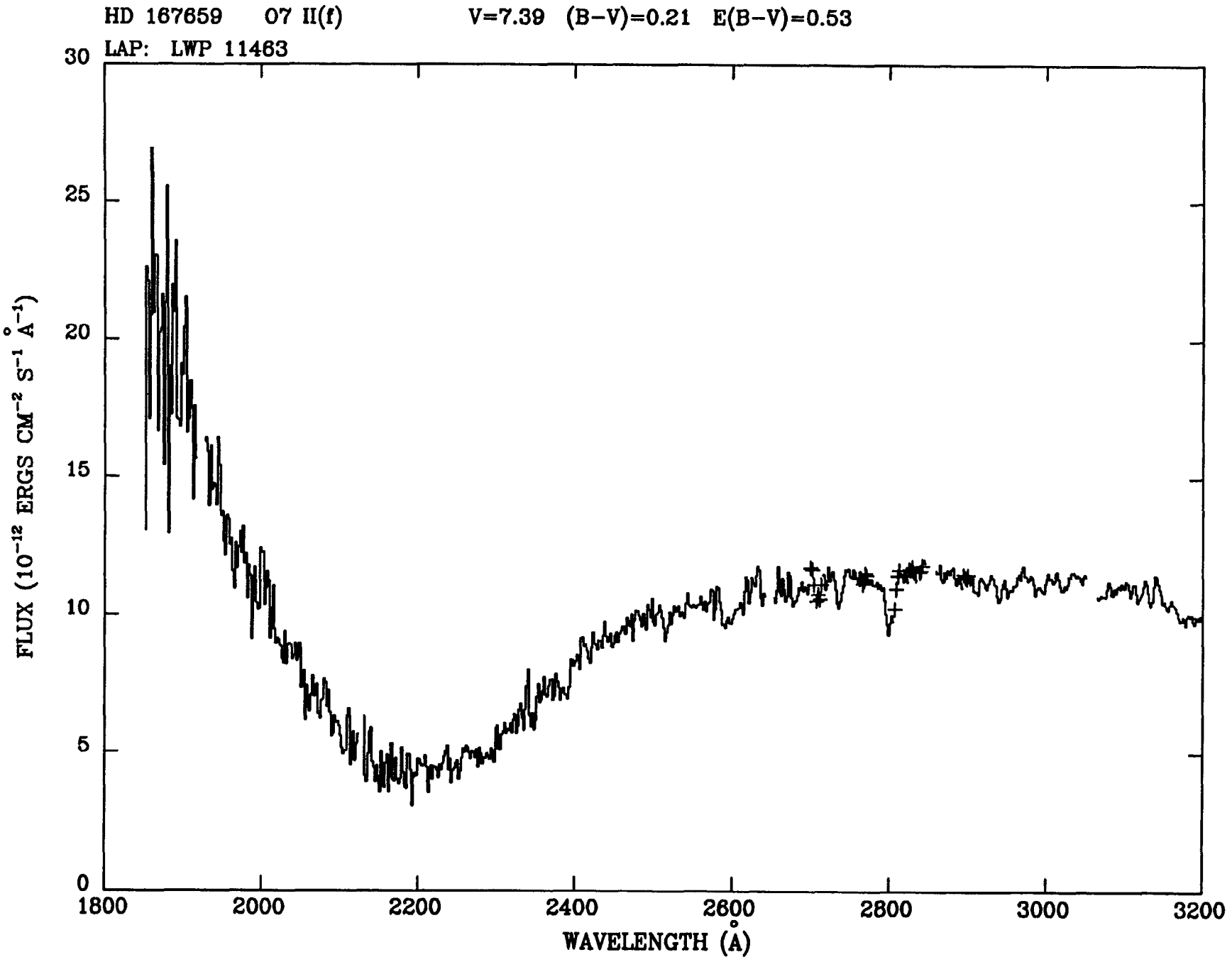
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 1.58E-11 | 1222 | 7.22E-12 | 1292 | 2.97E-11 | 1362 | 2.70E-11 | 1432 | 2.94E-11 | 1502 | 2.95E-11 | 1572 | 2.69E-11 | 1642 | 2.42E-11 | 1712 | 1.74E-11 | 1782 | 2.06E-11 | 1852 | 1.60E-11 | 1922 | |
| 1154 | 1.75E-11 | 1224 | 6.71E-12 | 1294 | 2.84E-11 | 1364 | 2.92E-11 | 1434 | 2.84E-11 | 1504 | 3.15E-11 | 1574 | 2.66E-11 | 1644 | 2.44E-11 | 1714 | 1.74E-11 | 1784 | 2.02E-11 | 1854 | 1.60E-11 | 1924 | |
| 1156 | 1.79E-11 | 1226 | 5.19E-12 | 1296 | 2.72E-11 | 1366 | 2.67E-11 | 1436 | 2.61E-11 | 1506 | 3.08E-11 | 1576 | 2.67E-11 | 1646 | 2.37E-11 | 1716 | 1.86E-11 | 1786 | 1.98E-11 | 1856 | 1.57E-11 | 1926 | |
| 1158 | 2.04E-11 | 1228 | 5.38E-12 | 1298 | 2.55E-11 | 1368 | 2.35E-11 | 1438 | 2.50E-11 | 1508 | 3.04E-11 | 1578 | 2.73E-11 | 1648 | 2.29E-11 | 1718 | 2.02E-11 | 1788 | 1.94E-11 | 1858 | 1.56E-11 | 1928 | 1.25E-11 |
| 1160 | 2.09E-11 | 1230 | 7.17E-12 | 1300 | 2.46E-11 | 1370 | 2.36E-11 | 1440 | 2.71E-11 | 1510 | 2.96E-11 | 1580 | 2.66E-11 | 1650 | 2.24E-11 | 1720 | 2.04E-11 | 1790 | | 1860 | 1.62E-11 | 1930 | 1.26E-11 |
| 1162 | 1.92E-11 | 1232 | 1.03E-11 | 1302 | 2.70E-11 | 1372 | 2.40E-11 | 1442 | 2.60E-11 | 1512 | 3.05E-11 | 1582 | 2.67E-11 | 1652 | 2.11E-11 | 1722 | 2.07E-11 | 1792 | | 1862 | 1.66E-11 | 1932 | 1.24E-11 |
| 1164 | 1.65E-11 | 1234 | 1.42E-11 | 1304 | 2.85E-11 | 1374 | 2.32E-11 | 1444 | 2.49E-11 | 1514 | 2.90E-11 | 1584 | 2.71E-11 | 1654 | 2.00E-11 | 1724 | 2.08E-11 | 1794 | | 1864 | 1.66E-11 | 1934 | 1.23E-11 |
| 1166 | 1.59E-11 | 1236 | 2.11E-11 | 1306 | 2.88E-11 | 1376 | 2.38E-11 | 1446 | 2.49E-11 | 1516 | 2.90E-11 | 1586 | 2.62E-11 | 1656 | 2.06E-11 | 1726 | 2.14E-11 | 1796 | 1.88E-11 | 1866 | 1.63E-11 | 1936 | 1.19E-11 |
| 1168 | 1.70E-11 | 1238 | 2.93E-11 | 1308 | 2.96E-11 | 1378 | 2.36E-11 | 1448 | 2.50E-11 | 1518 | 2.93E-11 | 1588 | 2.56E-11 | 1658 | 2.11E-11 | 1728 | 2.15E-11 | 1798 | 1.89E-11 | 1868 | 1.55E-11 | 1938 | 1.17E-11 |
| 1170 | 1.73E-11 | 1240 | 3.32E-11 | 1310 | 2.81E-11 | 1380 | 2.05E-11 | 1450 | 2.41E-11 | 1520 | 2.92E-11 | 1590 | 2.59E-11 | 1660 | | 1730 | 2.21E-11 | 1800 | 1.89E-11 | 1870 | 1.50E-11 | 1940 | 1.16E-11 |
| 1172 | 1.85E-11 | 1242 | 3.41E-11 | 1312 | 2.75E-11 | 1382 | 1.96E-11 | 1452 | 2.34E-11 | 1522 | 2.60E-11 | 1592 | 2.60E-11 | 1662 | | 1732 | 2.27E-11 | 1802 | 1.85E-11 | 1872 | 1.52E-11 | 1942 | 1.18E-11 |
| 1174 | 2.06E-11 | 1244 | 3.11E-11 | 1314 | 2.73E-11 | 1384 | 2.05E-11 | 1454 | 2.41E-11 | 1524 | 2.51E-11 | 1594 | 2.49E-11 | 1664 | 2.28E-11 | 1734 | 2.22E-11 | 1804 | 1.81E-11 | 1874 | 1.54E-11 | 1944 | 1.19E-11 |
| 1176 | 2.21E-11 | 1246 | 2.78E-11 | 1316 | 2.64E-11 | 1386 | 2.09E-11 | 1456 | 2.47E-11 | 1526 | 2.44E-11 | 1596 | 2.38E-11 | 1666 | 2.19E-11 | 1736 | 2.20E-11 | 1806 | 1.81E-11 | 1876 | 1.55E-11 | 1946 | 1.16E-11 |
| 1178 | 2.04E-11 | 1248 | 2.50E-11 | 1318 | 2.73E-11 | 1388 | 2.11E-11 | 1458 | 2.45E-11 | 1528 | 1.95E-11 | 1598 | 2.36E-11 | 1668 | 2.05E-11 | 1738 | 2.09E-11 | 1808 | 1.85E-11 | 1878 | 1.54E-11 | 1948 | 1.16E-11 |
| 1180 | 1.91E-11 | 1250 | 2.55E-11 | 1320 | 2.81E-11 | 1390 | 2.28E-11 | 1460 | 2.49E-11 | 1530 | 1.20E-11 | 1600 | 2.32E-11 | 1670 | 2.06E-11 | 1740 | 2.13E-11 | 1810 | 1.89E-11 | 1880 | 1.49E-11 | 1950 | 1.14E-11 |
| 1182 | 1.90E-11 | 1252 | 2.40E-11 | 1322 | 2.90E-11 | 1392 | 2.51E-11 | 1462 | 2.55E-11 | 1532 | 6.45E-12 | 1602 | 2.20E-11 | 1672 | 2.20E-11 | 1742 | 2.13E-11 | 1812 | 1.87E-11 | 1882 | 1.49E-11 | 1952 | 1.13E-11 |
| 1184 | 1.88E-11 | 1254 | 2.37E-11 | 1324 | | 1394 | 2.80E-11 | 1464 | 2.63E-11 | 1534 | 4.79E-12 | 1604 | 2.14E-11 | 1674 | 2.34E-11 | 1744 | 2.11E-11 | 1814 | 1.89E-11 | 1884 | 1.48E-11 | 1954 | 1.12E-11 |
| 1186 | 1.81E-11 | 1256 | 2.38E-11 | 1326 | | 1396 | 2.79E-11 | 1466 | 2.77E-11 | 1536 | 5.09E-12 | 1606 | 2.09E-11 | 1676 | 2.39E-11 | 1746 | 2.09E-11 | 1816 | 1.87E-11 | 1886 | 1.48E-11 | 1956 | 1.12E-11 |
| 1188 | 1.65E-11 | 1258 | 2.45E-11 | 1328 | 2.58E-11 | 1398 | 2.84E-11 | 1468 | 2.71E-11 | 1538 | 7.09E-12 | 1608 | 2.08E-11 | 1678 | 2.43E-11 | 1748 | 2.04E-11 | 1818 | 1.85E-11 | 1888 | 1.49E-11 | 1958 | 1.13E-11 |
| 1190 | 1.58E-11 | 1260 | 2.68E-11 | 1330 | 2.58E-11 | 1400 | 2.97E-11 | 1470 | 2.76E-11 | 1540 | 1.14E-11 | 1610 | 2.15E-11 | 1680 | 2.42E-11 | 1750 | 2.02E-11 | 1820 | 1.87E-11 | 1890 | 1.49E-11 | 1960 | 1.14E-11 |
| 1192 | | 1262 | 2.67E-11 | 1332 | 2.46E-11 | 1402 | 2.90E-11 | 1472 | 2.84E-11 | 1542 | 1.77E-11 | 1612 | 2.11E-11 | 1682 | 2.41E-11 | 1752 | 2.13E-11 | 1822 | 1.87E-11 | 1892 | 1.46E-11 | 1962 | 1.12E-11 |
| 1194 | | 1264 | 2.67E-11 | 1334 | 2.62E-11 | 1404 | 2.70E-11 | 1474 | 2.80E-11 | 1544 | 2.44E-11 | 1614 | 2.16E-11 | 1684 | 2.28E-11 | 1754 | 2.19E-11 | 1824 | 1.80E-11 | 1894 | 1.41E-11 | 1964 | 1.12E-11 |
| 1196 | 1.12E-11 | 1266 | 2.65E-11 | 1336 | 2.64E-11 | 1406 | 2.60E-11 | 1476 | 2.86E-11 | 1546 | 3.08E-11 | 1616 | 2.18E-11 | 1686 | 2.27E-11 | 1756 | 2.17E-11 | 1826 | 1.83E-11 | 1896 | 1.44E-11 | 1966 | 1.12E-11 |
| 1198 | 1.15E-11 | 1268 | 2.87E-11 | 1338 | 2.68E-11 | 1408 | 2.77E-11 | 1478 | 2.91E-11 | 1548 | 3.74E-11 | 1618 | 2.10E-11 | 1688 | 2.27E-11 | 1758 | 2.16E-11 | 1828 | 1.87E-11 | 1898 | 1.45E-11 | 1968 | 1.11E-11 |
| 1200 | 1.07E-11 | 1270 | 2.88E-11 | 1340 | 2.65E-11 | 1410 | 2.83E-11 | 1480 | 2.94E-11 | 1550 | 4.13E-11 | 1620 | 2.21E-11 | 1690 | 2.23E-11 | 1760 | 2.09E-11 | 1830 | 1.88E-11 | 1900 | 1.44E-11 | 1970 | 1.10E-11 |
| 1202 | 8.02E-12 | 1272 | 2.67E-11 | 1342 | 2.62E-11 | 1412 | 2.73E-11 | 1482 | 3.11E-11 | 1552 | 3.98E-11 | 1622 | 2.12E-11 | 1692 | 2.20E-11 | 1762 | 2.04E-11 | 1832 | 1.86E-11 | 1902 | 1.41E-11 | 1972 | 1.06E-11 |
| 1204 | 4.85E-12 | 1274 | 2.73E-11 | 1344 | 2.98E-11 | 1414 | 2.40E-11 | 1484 | 3.05E-11 | 1554 | 3.48E-11 | 1624 | 2.19E-11 | 1694 | 2.16E-11 | 1764 | 1.99E-11 | 1834 | 1.79E-11 | 1904 | 1.37E-11 | 1974 | 1.03E-11 |
| 1206 | 3.14E-12 | 1276 | 2.76E-11 | 1346 | 2.77E-11 | 1416 | 2.44E-11 | 1486 | 3.02E-11 | 1556 | 3.09E-11 | 1626 | 2.12E-11 | 1696 | 2.13E-11 | 1766 | 2.07E-11 | 1836 | 1.75E-11 | 1906 | 1.36E-11 | | |
| 1208 | 3.74E-12 | 1278 | 2.76E-11 | 1348 | 2.82E-11 | 1418 | 2.73E-11 | 1488 | 3.10E-11 | 1558 | 2.83E-11 | 1628 | 2.18E-11 | 1698 | 2.14E-11 | 1768 | 2.16E-11 | 1838 | 1.75E-11 | 1908 | 1.34E-11 | | |
| 1210 | 2.66E-12 | 1280 | 2.85E-11 | 1350 | 2.80E-11 | 1420 | 2.84E-11 | 1490 | 2.96E-11 | 1560 | 2.57E-11 | 1630 | 2.21E-11 | 1700 | 2.22E-11 | 1770 | 2.16E-11 | 1840 | 1.74E-11 | 1910 | 1.34E-11 | | |
| 1212 | 2.56E-12 | 1282 | 2.95E-11 | 1352 | 2.90E-11 | 1422 | 2.66E-11 | 1492 | 2.95E-11 | 1562 | 2.61E-11 | 1632 | 2.38E-11 | 1702 | 2.22E-11 | 1772 | 2.10E-11 | 1842 | 1.75E-11 | 1912 | 1.32E-11 | | |
| 1214 | 3.15E-12 | 1284 | 2.93E-11 | 1354 | 2.67E-11 | 1424 | 2.54E-11 | 1494 | 2.81E-11 | 1564 | 2.48E-11 | 1634 | 2.36E-11 | 1704 | 2.15E-11 | 1774 | 2.09E-11 | 1844 | 1.71E-11 | 1914 | 1.29E-11 | | |
| 1216 | 3.53E-12 | 1286 | 3.09E-11 | 1356 | 2.68E-11 | 1426 | 2.37E-11 | 1496 | 2.75E-11 | 1566 | 2.46E-11 | 1636 | 2.23E-11 | 1706 | 2.09E-11 | 1776 | 2.02E-11 | 1846 | 1.69E-11 | 1916 | 1.27E-11 | | |
| 1218 | 4.88E-12 | 1288 | 3.17E-11 | 1358 | 2.53E-11 | 1428 | 2.54E-11 | 1498 | 2.70E-11 | 1568 | 2.62E-11 | 1638 | 2.21E-11 | 1708 | 1.94E-11 | 1778 | 2.01E-11 | 1848 | 1.66E-11 | 1918 | 1.21E-11 | | |
| 1220 | 6.69E-12 | 1290 | 3.02E-11 | 1360 | 2.42E-11 | 1430 | 2.90E-11 | 1500 | 2.80E-11 | 1570 | 2.70E-11 | 1640 | 2.33E-11 | 1710 | 1.86E-11 | 1780 | 2.04E-11 | 1850 | 1.63E-11 | 1920 | 1.20E-11 | | |


HD 167659 07 II(f) V=7.39 (B-V)=0.21 E(B-V)=0.53
LAP: SWP 31623
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
5
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 167659 O7 II(f) V=7.39 (B-V)=0.21 E(B-V)=0.53**

**LAP: LWP 11463**

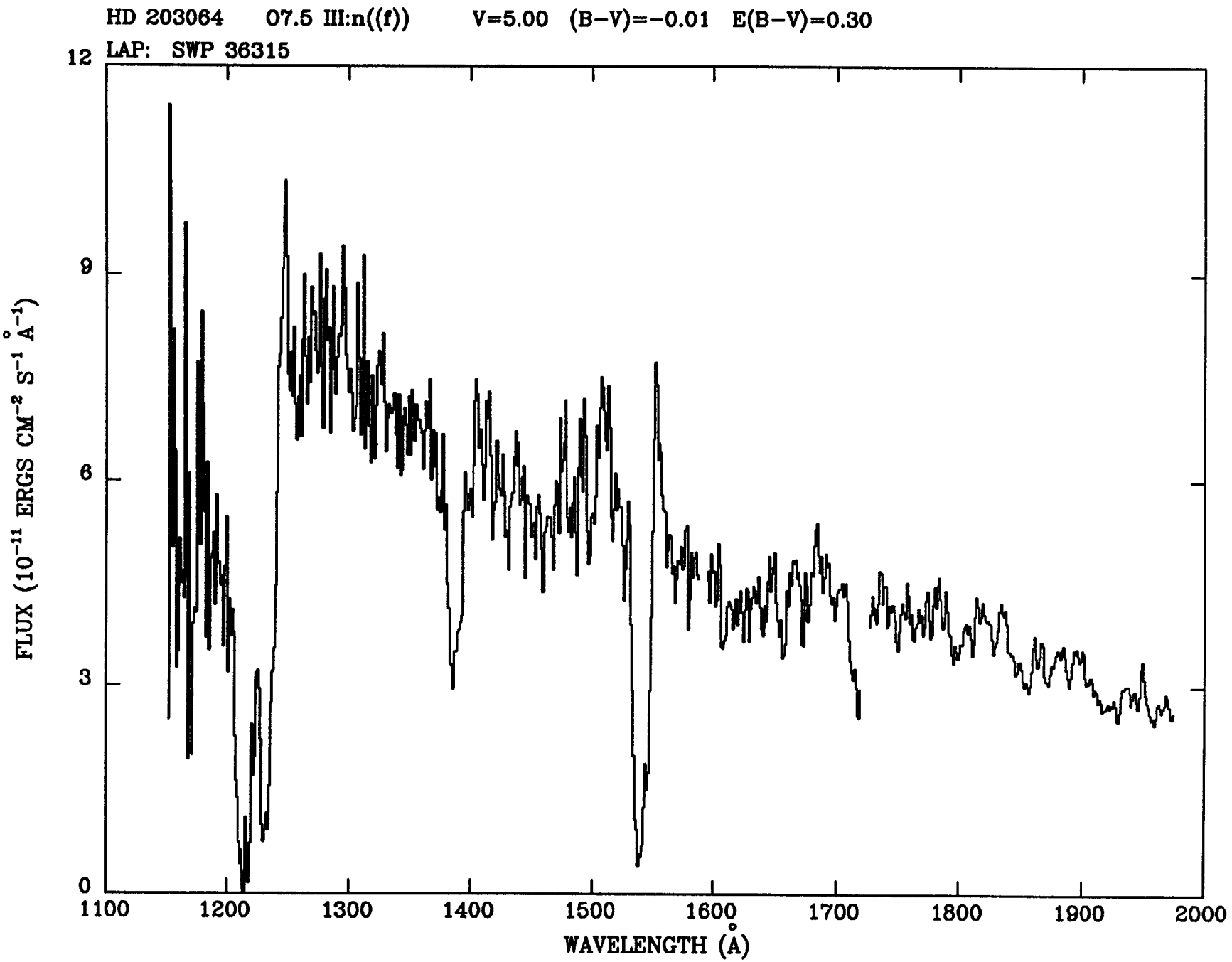
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.28E-11 | 2078 | 6.92E-12 | 2180 | 5.12E-12 | 2282 | 4.73E-12 | 2384 | 7.25E-12 | 2486 | 9.92E-12 | 2588 | 9.69E-12 | 2690 | 1.10E-11 | 2792 | 1.09E-11 | 2894 | | 2996 | 1.09E-11 | 3098 | 1.11E-11 |
| 1978 | 1.23E-11 | 2080 | 7.35E-12 | 2182 | 4.19E-12 | 2284 | 4.73E-12 | 2386 | 7.30E-12 | 2488 | 9.78E-12 | 2590 | 9.66E-12 | 2692 | 1.11E-11 | 2794 | 1.04E-11 | 2896 | | 2998 | 1.11E-11 | 3100 | 1.11E-11 |
| 1980 | 1.21E-11 | 2082 | 7.59E-12 | 2184 | 3.71E-12 | 2286 | 4.79E-12 | 2388 | 7.12E-12 | 2490 | 9.53E-12 | 2592 | 9.68E-12 | 2694 | 1.10E-11 | 2796 | 9.88E-12 | 2898 | | 3000 | 1.13E-11 | 3102 | 1.13E-11 |
| 1982 | 1.10E-11 | 2084 | 6.94E-12 | 2186 | 3.99E-12 | 2288 | 4.93E-12 | 2390 | 7.06E-12 | 2492 | 1.03E-11 | 2594 | 9.90E-12 | 2696 | 1.09E-11 | 2798 | 9.44E-12 | 2900 | | 3002 | 1.15E-11 | 3104 | 1.11E-11 |
| 1984 | 1.16E-11 | 2086 | 7.11E-12 | 2188 | 4.92E-12 | 2290 | 4.88E-12 | 2392 | 7.17E-12 | 2494 | 1.02E-11 | 2596 | 9.84E-12 | 2698 | 1.12E-11 | 2800 | 9.61E-12 | 2902 | 1.12E-11 | 3004 | 1.14E-11 | 3106 | 1.09E-11 |
| 1986 | 1.15E-11 | 2088 | 6.63E-12 | 2190 | 4.69E-12 | 2292 | 4.75E-12 | 2394 | 7.89E-12 | 2496 | 1.00E-11 | 2598 | 9.74E-12 | 2700 | | 2802 | 9.97E-12 | 2904 | 1.13E-11 | 3006 | 1.14E-11 | 3108 | 1.08E-11 |
| 1988 | 9.35E-12 | 2090 | 5.73E-12 | 2192 | 3.78E-12 | 2294 | 5.13E-12 | 2396 | 8.39E-12 | 2498 | 1.05E-11 | 2600 | 9.85E-12 | 2702 | | 2804 | 9.88E-12 | 2906 | 1.13E-11 | 3008 | 1.13E-11 | 3110 | 1.10E-11 |
| 1990 | 1.11E-11 | 2092 | 5.68E-12 | 2194 | 3.63E-12 | 2296 | 5.00E-12 | 2398 | 8.24E-12 | 2500 | 9.74E-12 | 2602 | 1.00E-11 | 2704 | | 2806 | | 2908 | 1.09E-11 | 3010 | 1.13E-11 | 3112 | 1.12E-11 |
| 1992 | 1.15E-11 | 2094 | 6.32E-12 | 2196 | 4.19E-12 | 2298 | 4.82E-12 | 2400 | 8.28E-12 | 2502 | 9.78E-12 | 2604 | 1.02E-11 | 2706 | 1.09E-11 | 2808 | | 2910 | 1.09E-11 | 3012 | 1.16E-11 | 3114 | 1.10E-11 |
| 1994 | 1.04E-11 | 2096 | 6.09E-12 | 2198 | 4.19E-12 | 2300 | 5.90E-12 | 2402 | 8.50E-12 | 2504 | 1.01E-11 | 2606 | 1.02E-11 | 2708 | | 2810 | | 2912 | 1.09E-11 | 3014 | 1.16E-11 | 3116 | 1.07E-11 |
| 1996 | 1.02E-11 | 2098 | 6.09E-12 | 2200 | 4.60E-12 | 2302 | 5.72E-12 | 2404 | 8.44E-12 | 2506 | 1.02E-11 | 2608 | 1.03E-11 | 2710 | | 2812 | | 2914 | 1.12E-11 | 3016 | 1.13E-11 | 3118 | 1.06E-11 |
| 1998 | 1.10E-11 | 2100 | 5.87E-12 | 2202 | 4.74E-12 | 2304 | 5.12E-12 | 2406 | 8.10E-12 | 2508 | 1.03E-11 | 2610 | 1.05E-11 | 2712 | | 2814 | 1.16E-11 | 2916 | 1.14E-11 | 3018 | 1.11E-11 | 3120 | 1.08E-11 |
| 2000 | 1.23E-11 | 2102 | 5.45E-12 | 2204 | 4.59E-12 | 2306 | 5.35E-12 | 2408 | 9.13E-12 | 2510 | 1.00E-11 | 2612 | 1.03E-11 | 2714 | 1.15E-11 | 2816 | 1.15E-11 | 2918 | 1.13E-11 | 3020 | 1.10E-11 | 3122 | 1.09E-11 |
| 2002 | 1.23E-11 | 2104 | 5.08E-12 | 2206 | 4.49E-12 | 2308 | 5.71E-12 | 2410 | 9.18E-12 | 2512 | 9.70E-12 | 2614 | 1.02E-11 | 2716 | 1.15E-11 | 2818 | 1.14E-11 | 2920 | 1.12E-11 | 3022 | 1.10E-11 | 3124 | 1.11E-11 |
| 2004 | 1.06E-11 | 2106 | 5.00E-12 | 2208 | 4.54E-12 | 2310 | 5.92E-12 | 2412 | 8.89E-12 | 2514 | 9.25E-12 | 2616 | 1.10E-11 | 2718 | 1.11E-11 | 2820 | 1.16E-11 | 2922 | 1.11E-11 | 3024 | 1.11E-11 | 3126 | 1.13E-11 |
| 2006 | 1.10E-11 | 2108 | 5.06E-12 | 2210 | 4.82E-12 | 2312 | 5.83E-12 | 2414 | 8.89E-12 | 2516 | 9.32E-12 | 2618 | 1.14E-11 | 2720 | 1.12E-11 | 2822 | 1.14E-11 | 2924 | 1.10E-11 | 3026 | 1.11E-11 | 3128 | 1.12E-11 |
| 2008 | 1.16E-11 | 2110 | 5.81E-12 | 2212 | 4.32E-12 | 2314 | 5.81E-12 | 2416 | 8.62E-12 | 2518 | 9.61E-12 | 2620 | 1.10E-11 | 2722 | 1.17E-11 | 2824 | 1.12E-11 | 2926 | 1.12E-11 | 3028 | 1.13E-11 | 3130 | 1.08E-11 |
| 2010 | 1.09E-11 | 2112 | 6.51E-12 | 2214 | 3.68E-12 | 2316 | 5.83E-12 | 2418 | 8.38E-12 | 2520 | 1.01E-11 | 2622 | 1.07E-11 | 2724 | 1.13E-11 | 2826 | | 2928 | 1.14E-11 | 3030 | 1.14E-11 | 3132 | 1.05E-11 |
| 2012 | 9.38E-12 | 2114 | 5.08E-12 | 2216 | 4.23E-12 | 2318 | 6.01E-12 | 2420 | 8.53E-12 | 2522 | 9.72E-12 | 2624 | 1.12E-11 | 2726 | 1.15E-11 | 2828 | | 2930 | 1.15E-11 | 3032 | 1.15E-11 | 3134 | 1.05E-11 |
| 2014 | 1.04E-11 | 2116 | 5.29E-12 | 2218 | 4.33E-12 | 2320 | 5.76E-12 | 2422 | 9.11E-12 | 2524 | 1.00E-11 | 2626 | 1.13E-11 | 2728 | 1.16E-11 | 2830 | | 2932 | 1.13E-11 | 3034 | 1.16E-11 | 3136 | 1.08E-11 |
| 2016 | 1.05E-11 | 2118 | 5.71E-12 | 2220 | 4.22E-12 | 2322 | 6.18E-12 | 2424 | 9.17E-12 | 2526 | 1.03E-11 | 2628 | 1.11E-11 | 2730 | 1.12E-11 | 2832 | 1.13E-11 | 2934 | 1.12E-11 | 3036 | 1.15E-11 | 3138 | 1.13E-11 |
| 2018 | 9.28E-12 | 2120 | 4.76E-12 | 2222 | 4.46E-12 | 2324 | 6.34E-12 | 2426 | 8.95E-12 | 2528 | 1.02E-11 | 2630 | 1.14E-11 | 2732 | 1.08E-11 | 2834 | 1.16E-11 | 2936 | 1.10E-11 | 3038 | 1.14E-11 | 3140 | 1.15E-11 |
| 2020 | 9.06E-12 | 2122 | 5.34E-12 | 2224 | 4.39E-12 | 2326 | 5.75E-12 | 2428 | 8.81E-12 | 2530 | 1.03E-11 | 2632 | 1.17E-11 | 2734 | 1.04E-11 | 2836 | 1.17E-11 | 2938 | 1.07E-11 | 3040 | 1.15E-11 | 3142 | 1.13E-11 |
| 2022 | 9.14E-12 | 2124 | 5.65E-12 | 2226 | 4.17E-12 | 2328 | 6.10E-12 | 2430 | 9.03E-12 | 2532 | 1.02E-11 | 2634 | 1.17E-11 | 2736 | 1.04E-11 | 2838 | | 2940 | 1.06E-11 | 3042 | 1.14E-11 | 3144 | 1.11E-11 |
| 2024 | 8.97E-12 | 2126 | | 2228 | 4.41E-12 | 2330 | 6.64E-12 | 2432 | 9.09E-12 | 2534 | 1.01E-11 | 2636 | 1.08E-11 | 2738 | 1.07E-11 | 2840 | | 2942 | 1.09E-11 | 3044 | 1.13E-11 | 3146 | 1.09E-11 |
| 2026 | 8.57E-12 | 2128 | | 2230 | 4.41E-12 | 2332 | 6.59E-12 | 2434 | 8.87E-12 | 2536 | 1.01E-11 | 2638 | 1.04E-11 | 2740 | 1.10E-11 | 2842 | | 2944 | 1.12E-11 | 3046 | 1.13E-11 | 3148 | 1.06E-11 |
| 2028 | 8.28E-12 | 2130 | | 2232 | 4.56E-12 | 2334 | 6.05E-12 | 2436 | 9.25E-12 | 2538 | 9.99E-12 | 2640 | 1.08E-11 | 2742 | 1.13E-11 | 2844 | 1.20E-11 | 2946 | 1.13E-11 | 3048 | 1.15E-11 | 3150 | 1.05E-11 |
| 2030 | 9.16E-12 | 2132 | 5.55E-12 | 2234 | 4.82E-12 | 2336 | 6.20E-12 | 2438 | 9.75E-12 | 2540 | 1.03E-11 | 2642 | 1.07E-11 | 2744 | 1.16E-11 | 2846 | 1.19E-11 | 2948 | 1.11E-11 | 3050 | 1.15E-11 | 3152 | 1.04E-11 |
| 2032 | 8.41E-12 | 2134 | 4.05E-12 | 2236 | 5.03E-12 | 2338 | 7.03E-12 | 2440 | 9.24E-12 | 2542 | 1.07E-11 | 2644 | | 2746 | 1.17E-11 | 2848 | | 2950 | 1.08E-11 | 3052 | 1.14E-11 | 3154 | 1.03E-11 |
| 2034 | 8.84E-12 | 2136 | 4.44E-12 | 2238 | 5.15E-12 | 2340 | 7.78E-12 | 2442 | 9.09E-12 | 2544 | 1.05E-11 | 2646 | | 2748 | 1.17E-11 | 2850 | | 2952 | 1.09E-11 | 3054 | | 3156 | 1.03E-11 |
| 2036 | 8.97E-12 | 2138 | 5.39E-12 | 2240 | 4.41E-12 | 2342 | 6.92E-12 | 2444 | 9.25E-12 | 2546 | 1.04E-11 | 2648 | | 2750 | 1.15E-11 | 2852 | | 2954 | 1.10E-11 | 3056 | | 3158 | 1.05E-11 |
| 2038 | 8.85E-12 | 2140 | 5.84E-12 | 2242 | 4.54E-12 | 2344 | 6.04E-12 | 2446 | 9.18E-12 | 2548 | 1.03E-11 | 2650 | | 2752 | 1.14E-11 | 2854 | | 2956 | 1.10E-11 | 3058 | | 3160 | 1.06E-11 |
| 2040 | 8.42E-12 | 2142 | 5.01E-12 | 2244 | 4.03E-12 | 2346 | 6.36E-12 | 2448 | 8.91E-12 | 2550 | 1.04E-11 | 2652 | 1.07E-11 | 2754 | 1.17E-11 | 2856 | | 2958 | 1.11E-11 | 3060 | | 3162 | 1.04E-11 |
| 2042 | 8.64E-12 | 2144 | 4.49E-12 | 2246 | 4.36E-12 | 2348 | 5.93E-12 | 2450 | 9.12E-12 | 2552 | 1.03E-11 | 2654 | 1.06E-11 | 2756 | 1.16E-11 | 2858 | 1.17E-11 | 2960 | 1.11E-11 | 3062 | | 3164 | 1.04E-11 |
| 2044 | 8.78E-12 | 2146 | 4.01E-12 | 2248 | 4.51E-12 | 2350 | 6.16E-12 | 2452 | 9.35E-12 | 2554 | 1.03E-11 | 2656 | 1.08E-11 | 2758 | 1.14E-11 | 2860 | 1.16E-11 | 2962 | 1.12E-11 | 3064 | 1.07E-11 | 3166 | 1.03E-11 |
| 2046 | 8.38E-12 | 2148 | 4.44E-12 | 2250 | 4.65E-12 | 2352 | 7.06E-12 | 2454 | 9.17E-12 | 2556 | 1.04E-11 | 2658 | 1.15E-11 | 2760 | 1.13E-11 | 2862 | 1.16E-11 | 2964 | 1.15E-11 | 3066 | 1.07E-11 | 3168 | 1.01E-11 |
| 2048 | 8.70E-12 | 2150 | 4.10E-12 | 2252 | 4.33E-12 | 2354 | 7.40E-12 | 2456 | 9.23E-12 | 2558 | 1.05E-11 | 2660 | 1.11E-11 | 2762 | | 2864 | 1.19E-11 | 2966 | 1.14E-11 | 3068 | 1.07E-11 | 3170 | 9.91E-12 |
| 2050 | 8.16E-12 | 2152 | 3.69E-12 | 2254 | 4.19E-12 | 2356 | 6.87E-12 | 2458 | 9.42E-12 | 2560 | 1.06E-11 | 2662 | 1.08E-11 | 2764 | | 2866 | 1.14E-11 | 2968 | 1.15E-11 | 3070 | 1.08E-11 | 3172 | 9.86E-12 |
| 2052 | 7.53E-12 | 2154 | 4.94E-12 | 2256 | 4.61E-12 | 2358 | 7.03E-12 | 2460 | 9.58E-12 | 2562 | 1.04E-11 | 2664 | 1.13E-11 | 2766 | | 2868 | 1.13E-11 | 2970 | 1.18E-11 | 3072 | 1.07E-11 | 3174 | 9.96E-12 |
| 2054 | 7.87E-12 | 2156 | 4.37E-12 | 2258 | 5.06E-12 | 2360 | 7.44E-12 | 2462 | 9.62E-12 | 2564 | 1.04E-11 | 2666 | 1.10E-11 | 2768 | | 2870 | 1.16E-11 | 2972 | 1.16E-11 | 3074 | 1.07E-11 | 3176 | 9.89E-12 |
| 2056 | 6.71E-12 | 2158 | 3.97E-12 | 2260 | 5.04E-12 | 2362 | 7.50E-12 | 2464 | 9.36E-12 | 2566 | 1.04E-11 | 2668 | 1.06E-11 | 2770 | | 2872 | 1.15E-11 | 2974 | 1.15E-11 | 3076 | 1.08E-11 | 3178 | 9.71E-12 |
| 2058 | 7.11E-12 | 2160 | 4.71E-12 | 2262 | 5.21E-12 | 2364 | 7.08E-12 | 2466 | 9.93E-12 | 2568 | 1.03E-11 | 2670 | 1.09E-11 | 2772 | 1.14E-11 | 2874 | 1.17E-11 | 2976 | 1.13E-11 | 3078 | 1.11E-11 | 3180 | 9.98E-12 |
| 2060 | 6.77E-12 | 2162 | 4.29E-12 | 2264 | 5.17E-12 | 2366 | 7.26E-12 | 2468 | 9.78E-12 | 2570 | 1.05E-11 | 2672 | 1.16E-11 | 2774 | 1.13E-11 | 2876 | 1.16E-11 | 2978 | 1.14E-11 | 3080 | 1.12E-11 | 3182 | 1.01E-11 |
| 2062 | 6.51E-12 | 2164 | 3.84E-12 | 2266 | 4.96E-12 | 2368 | 7.56E-12 | 2470 | 9.67E-12 | 2572 | 1.08E-11 | 2674 | 1.12E-11 | 2776 | 1.13E-11 | 2878 | 1.16E-11 | 2980 | 1.15E-11 | 3082 | 1.10E-11 | 3184 | 1.01E-11 |
| 2064 | 7.11E-12 | 2166 | 4.78E-12 | 2268 | 4.82E-12 | 2370 | 7.67E-12 | 2472 | 9.81E-12 | 2574 | 1.09E-11 | 2676 | 1.06E-11 | 2778 | 1.12E-11 | 2880 | 1.17E-11 | 2982 | 1.14E-11 | 3084 | 1.08E-11 | 3186 | 1.00E-11 |
| 2066 | 7.72E-12 | 2168 | 4.46E-12 | 2270 | 5.03E-12 | 2372 | 7.11E-12 | 2474 | 9.31E-12 | 2576 | 1.00E-11 | 2678 | 1.04E-11 | 2780 | 1.11E-11 | 2882 | 1.16E-11 | 2984 | 1.11E-11 | 3086 | 1.09E-11 | 3188 | 9.80E-12 |
| 2068 | 7.05E-12 | 2170 | 3.97E-12 | 2272 | 4.95E-12 | 2374 | 7.03E-12 | 2476 | 9.94E-12 | 2578 | 1.02E-11 | 2680 | 1.05E-11 | 2782 | 1.12E-11 | 2884 | 1.13E-11 | 2986 | 1.08E-11 | 3088 | 1.09E-11 | 3190 | 9.80E-12 |
| 2070 | 7.19E-12 | 2172 | 4.58E-12 | 2274 | 4.91E-12 | 2376 | 7.75E-12 | 2478 | 1.02E-11 | 2580 | 1.10E-11 | 2682 | 1.07E-11 | 2784 | 1.12E-11 | 2886 | 1.13E-11 | 2988 | 1.10E-11 | 3090 | 1.10E-11 | 3192 | 9.92E-12 |
| 2072 | 7.16E-12 | 2174 | 4.18E-12 | 2276 | 4.86E-12 | 2378 | 7.59E-12 | 2480 | 1.01E-11 | 2582 | 1.10E-11 | 2684 | 1.09E-11 | 2786 | 1.10E-11 | 2888 | 1.14E-11 | 2990 | 1.11E-11 | 3092 | 1.11E-11 | 3194 | 9.91E-12 |
| 2074 | 6.36E-12 | 2176 | 3.90E-12 | 2278 | 4.79E-12 | 2380 | 7.34E-12 | 2482 | 9.90E-12 | 2584 | 1.05E-11 | 2686 | 1.10E-11 | 2788 | 1.11E-11 | 2890 | 1.13E-11 | 2992 | 1.10E-11 | 3094 | 1.10E-11 | 3196 | 9.97E-12 |
| 2076 | 6.53E-12 | 2178 | 4.03E-12 | 2280 | 5.05E-12 | 2382 | 6.95E-12 | 2484 | 9.69E-12 | 2586 | 1.01E-11 | 2688 | 1.12E-11 | 2790 | 1.10E-11 | 2892 | 1.11E-11 | 2994 | 1.10E-11 | 3096 | 1.12E-11 | 3198 | 9.98E-12 |


HD 167659 07 II(f) V=7.39 (B-V)=0.21 E(B-V)=0.53
LAP: LWP 11463
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 203064 O7.5 III:n((f)) V=5.00 (B-V)=-0.01 E(B-V)=0.30**

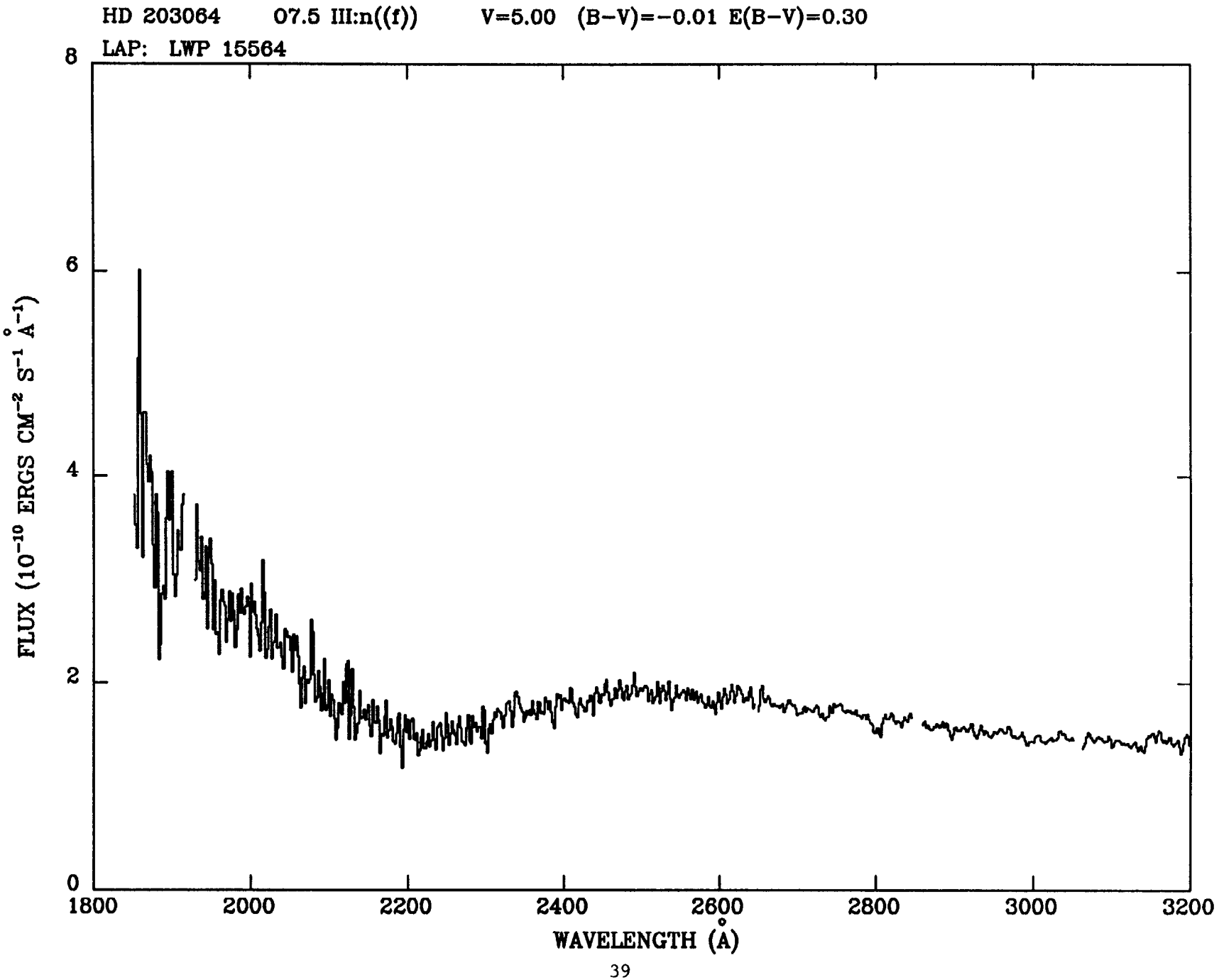
**LAP: SWP 36315**

| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 8.33E-11 | 1222 | 1.85E-11 | 1292 | 8.12E-11 | 1362 | 6.61E-11 | 1432 | 5.57E-11 | 1502 | 5.58E-11 | 1572 | 4.83E-11 | 1642 | 4.08E-11 | 1712 | 3.29E-11 | 1782 | 4.40E-11 | 1852 | 3.08E-11 | 1922 | 2.72E-11 |
| 1154 | 6.10E-11 | 1224 | 2.82E-11 | 1294 | 8.59E-11 | 1364 | 7.15E-11 | 1434 | 5.85E-11 | 1504 | 6.57E-11 | 1574 | 4.88E-11 | 1644 | 4.40E-11 | 1714 | 3.16E-11 | 1784 | 4.45E-11 | 1854 | 3.05E-11 | 1924 | 2.73E-11 |
| 1156 | 7.35E-11 | 1226 | 3.09E-11 | 1296 | 8.89E-11 | 1366 | 7.01E-11 | 1436 | 6.53E-11 | 1506 | 6.89E-11 | 1576 | 4.91E-11 | 1646 | 4.65E-11 | 1716 | 3.03E-11 | 1786 | 4.01E-11 | 1856 | 2.97E-11 | 1926 | 2.78E-11 |
| 1158 | 4.10E-11 | 1228 | 1.86E-11 | 1298 | 7.72E-11 | 1368 | 6.53E-11 | 1438 | 6.39E-11 | 1508 | 7.44E-11 | 1578 | 5.11E-11 | 1648 | 4.66E-11 | 1718 | 2.56E-11 | 1788 | 3.98E-11 | 1858 | 3.09E-11 | 1928 | 2.63E-11 |
| 1160 | 4.49E-11 | 1230 | 8.34E-12 | 1300 | 7.42E-11 | 1370 | 6.42E-11 | 1440 | 5.85E-11 | 1510 | 6.85E-11 | 1580 | 4.10E-11 | 1650 | 4.77E-11 | 1720 | 2.93E-11 | 1790 | 4.23E-11 | 1860 | 3.55E-11 | 1930 | 2.56E-11 |
| 1162 | 4.57E-11 | 1232 | 1.06E-11 | 1302 | 7.24E-11 | 1372 | 6.25E-11 | 1442 | 5.93E-11 | 1512 | 6.66E-11 | 1582 | 4.82E-11 | 1652 | 4.07E-11 | 1722 | | 1792 | 3.78E-11 | 1862 | 3.56E-11 | 1932 | 2.85E-11 |
| 1164 | 5.45E-11 | 1234 | 1.17E-11 | 1304 | 6.83E-11 | 1374 | 5.68E-11 | 1444 | 5.56E-11 | 1514 | 7.02E-11 | 1584 | 4.84E-11 | 1654 | 3.84E-11 | 1724 | | 1794 | 3.51E-11 | 1864 | 3.30E-11 | 1934 | 2.98E-11 |
| 1166 | 6.64E-11 | 1236 | 2.60E-11 | 1306 | 7.80E-11 | 1376 | 5.74E-11 | 1446 | 5.53E-11 | 1516 | 5.34E-11 | 1586 | 4.77E-11 | 1656 | 3.54E-11 | 1726 | 3.88E-11 | 1796 | 3.51E-11 | 1866 | 3.46E-11 | 1936 | 3.01E-11 |
| 1168 | 3.60E-11 | 1238 | 3.41E-11 | 1308 | 7.79E-11 | 1378 | 6.12E-11 | 1448 | 5.67E-11 | 1518 | 5.60E-11 | 1588 | 4.57E-11 | 1658 | 3.56E-11 | 1728 | 4.08E-11 | 1798 | 3.48E-11 | 1868 | 3.63E-11 | 1938 | 3.00E-11 |
| 1170 | 3.42E-11 | 1240 | 5.08E-11 | 1310 | 7.42E-11 | 1380 | 5.25E-11 | 1450 | 5.27E-11 | 1520 | 5.80E-11 | 1590 | | 1660 | 4.31E-11 | 1730 | 4.22E-11 | 1800 | 3.52E-11 | 1870 | 3.13E-11 | 1940 | 2.82E-11 |
| 1172 | 3.36E-11 | 1242 | 7.53E-11 | 1312 | 7.87E-11 | 1382 | 4.16E-11 | 1452 | 5.23E-11 | 1522 | 5.75E-11 | 1592 | | 1662 | 4.56E-11 | 1732 | 3.96E-11 | 1802 | 3.65E-11 | 1872 | 3.07E-11 | 1942 | 2.88E-11 |
| 1174 | 4.10E-11 | 1244 | 8.28E-11 | 1314 | 7.24E-11 | 1384 | 3.31E-11 | 1454 | 5.41E-11 | 1524 | 5.46E-11 | 1594 | 4.54E-11 | 1664 | 4.73E-11 | 1734 | 4.33E-11 | 1804 | 3.86E-11 | 1874 | 3.16E-11 | 1944 | 2.90E-11 |
| 1176 | 7.10E-11 | 1246 | 9.53E-11 | 1316 | 7.03E-11 | 1386 | 3.16E-11 | 1456 | 5.66E-11 | 1526 | 4.55E-11 | 1596 | 4.54E-11 | 1666 | 4.83E-11 | 1736 | 4.63E-11 | 1806 | 3.88E-11 | 1876 | 3.31E-11 | 1946 | 2.74E-11 |
| 1178 | 5.93E-11 | 1248 | 9.98E-11 | 1318 | 6.91E-11 | 1388 | 3.54E-11 | 1458 | 4.88E-11 | 1528 | 4.93E-11 | 1598 | 4.70E-11 | 1668 | 4.64E-11 | 1738 | 4.34E-11 | 1808 | 3.85E-11 | 1878 | 3.41E-11 | 1948 | 3.07E-11 |
| 1180 | 7.79E-11 | 1250 | 8.03E-11 | 1320 | 6.73E-11 | 1390 | 3.81E-11 | 1460 | 5.00E-11 | 1530 | 5.55E-11 | 1600 | 4.68E-11 | 1670 | 4.52E-11 | 1740 | 4.30E-11 | 1810 | 3.59E-11 | 1880 | 3.52E-11 | 1950 | 3.29E-11 |
| 1182 | 4.88E-11 | 1252 | 7.65E-11 | 1322 | 7.02E-11 | 1392 | 3.97E-11 | 1462 | 5.42E-11 | 1532 | 4.08E-11 | 1602 | 4.26E-11 | 1672 | 3.91E-11 | 1742 | 3.95E-11 | 1812 | 3.76E-11 | 1882 | 3.46E-11 | 1952 | 2.94E-11 |
| 1184 | 5.20E-11 | 1254 | 7.63E-11 | 1324 | 7.81E-11 | 1394 | 5.37E-11 | 1464 | 5.47E-11 | 1534 | 2.37E-11 | 1604 | 4.87E-11 | 1674 | 4.03E-11 | 1744 | 4.14E-11 | 1814 | 4.23E-11 | 1884 | 3.58E-11 | 1954 | 2.73E-11 |
| 1186 | 4.33E-11 | 1256 | 7.24E-11 | 1326 | 7.59E-11 | 1396 | 5.94E-11 | 1466 | 5.15E-11 | 1536 | 1.02E-11 | 1606 | 4.07E-11 | 1676 | 4.42E-11 | 1746 | 4.20E-11 | 1816 | 4.04E-11 | 1886 | 3.44E-11 | 1956 | 2.57E-11 |
| 1188 | 5.05E-11 | 1258 | 6.98E-11 | 1328 | 7.80E-11 | 1398 | 5.61E-11 | 1468 | 5.27E-11 | 1538 | 5.39E-12 | 1608 | 3.61E-11 | 1678 | 4.10E-11 | 1748 | 3.96E-11 | 1818 | 4.11E-11 | 1888 | 3.19E-11 | 1958 | 2.53E-11 |
| 1190 | 4.72E-11 | 1260 | 7.17E-11 | 1330 | 6.72E-11 | 1400 | 5.76E-11 | 1470 | 5.98E-11 | 1540 | 5.50E-12 | 1610 | 3.81E-11 | 1680 | 4.65E-11 | 1750 | 3.59E-11 | 1820 | 4.08E-11 | 1890 | 3.07E-11 | 1960 | 2.51E-11 |
| 1192 | 5.19E-11 | 1262 | 8.00E-11 | 1332 | 7.00E-11 | 1402 | 5.98E-11 | 1472 | 5.72E-11 | 1542 | 9.19E-12 | 1612 | 4.21E-11 | 1682 | 5.02E-11 | 1752 | 3.92E-11 | 1822 | 3.97E-11 | 1892 | 3.36E-11 | 1962 | 2.75E-11 |
| 1194 | 4.64E-11 | 1264 | 8.10E-11 | 1334 | 7.04E-11 | 1404 | 7.32E-11 | 1474 | 6.43E-11 | 1544 | 1.67E-11 | 1614 | 4.17E-11 | 1684 | 5.32E-11 | 1754 | 4.17E-11 | 1824 | 3.96E-11 | 1894 | 3.52E-11 | 1964 | 2.70E-11 |
| 1196 | 4.28E-11 | 1266 | 7.61E-11 | 1336 | 7.05E-11 | 1406 | 7.05E-11 | 1476 | 6.44E-11 | 1546 | 1.79E-11 | 1616 | 3.90E-11 | 1686 | 4.79E-11 | 1756 | 4.09E-11 | 1826 | 3.86E-11 | 1896 | 3.51E-11 | 1966 | 2.68E-11 |
| 1198 | 4.47E-11 | 1268 | 7.92E-11 | 1338 | 6.97E-11 | 1408 | 6.62E-11 | 1478 | 6.60E-11 | 1548 | 3.48E-11 | 1618 | 4.14E-11 | 1688 | 4.73E-11 | 1758 | 4.44E-11 | 1828 | 3.57E-11 | 1898 | 3.39E-11 | 1968 | 2.82E-11 |
| 1200 | 4.34E-11 | 1270 | 8.54E-11 | 1340 | 6.56E-11 | 1410 | 5.98E-11 | 1480 | 5.36E-11 | 1550 | 5.55E-11 | 1620 | 3.99E-11 | 1690 | 4.56E-11 | 1760 | 4.02E-11 | 1830 | 3.63E-11 | 1900 | 3.49E-11 | 1970 | 2.82E-11 |
| 1202 | 4.00E-11 | 1272 | 8.10E-11 | 1342 | 6.44E-11 | 1412 | 6.44E-11 | 1482 | 5.40E-11 | 1552 | 7.36E-11 | 1622 | 4.27E-11 | 1692 | 4.85E-11 | 1762 | 3.81E-11 | 1832 | 3.90E-11 | 1902 | 3.32E-11 | 1972 | 2.60E-11 |
| 1204 | 3.94E-11 | 1274 | 7.64E-11 | 1344 | 6.54E-11 | 1414 | 7.05E-11 | 1484 | 5.75E-11 | 1554 | 6.85E-11 | 1624 | 3.86E-11 | 1694 | 4.67E-11 | 1764 | 3.78E-11 | 1834 | 4.18E-11 | 1904 | 3.07E-11 | 1974 | 2.58E-11 |
| 1206 | 2.87E-11 | 1276 | 8.65E-11 | 1346 | 6.96E-11 | 1416 | 6.74E-11 | 1486 | 5.33E-11 | 1556 | 6.48E-11 | 1626 | 4.31E-11 | 1696 | 4.27E-11 | 1766 | 4.02E-11 | 1836 | 4.06E-11 | 1906 | 3.08E-11 | | |
| 1208 | 1.52E-11 | 1278 | 7.14E-11 | 1348 | 6.64E-11 | 1418 | 5.32E-11 | 1488 | 5.57E-11 | 1558 | 5.88E-11 | 1628 | 4.11E-11 | 1698 | 4.11E-11 | 1768 | 4.02E-11 | 1838 | 4.05E-11 | 1908 | 3.11E-11 | | |
| 1210 | 8.05E-12 | 1280 | 8.82E-11 | 1350 | 6.72E-11 | 1420 | 5.85E-11 | 1490 | 6.57E-11 | 1560 | 5.57E-11 | 1630 | 4.08E-11 | 1700 | 4.27E-11 | 1770 | 3.88E-11 | 1840 | 3.61E-11 | 1910 | 2.93E-11 | | |
| 1212 | 5.50E-12 | 1282 | 8.28E-11 | 1352 | 7.24E-11 | 1422 | 6.29E-11 | 1492 | 6.16E-11 | 1562 | 4.84E-11 | 1632 | 4.41E-11 | 1702 | 4.43E-11 | 1772 | 4.04E-11 | 1842 | 3.49E-11 | 1912 | 2.91E-11 | | |
| 1214 | -1.30E-12 | 1284 | 7.30E-11 | 1354 | 6.80E-11 | 1424 | 5.84E-11 | 1494 | 6.87E-11 | 1564 | 5.17E-11 | 1634 | 4.34E-11 | 1704 | 4.48E-11 | 1774 | 4.29E-11 | 1844 | 3.45E-11 | 1914 | 2.81E-11 | | |
| 1216 | 6.96E-12 | 1286 | 8.38E-11 | 1356 | 6.97E-11 | 1426 | 6.13E-11 | 1496 | 5.06E-11 | 1566 | 4.87E-11 | 1636 | 4.37E-11 | 1706 | 4.38E-11 | 1776 | 3.82E-11 | 1846 | 3.24E-11 | 1916 | 2.73E-11 | | |
| 1218 | 2.68E-12 | 1288 | 7.64E-11 | 1358 | 6.83E-11 | 1428 | 5.39E-11 | 1498 | 5.07E-11 | 1568 | 4.50E-11 | 1638 | 4.26E-11 | 1708 | 4.43E-11 | 1778 | 3.99E-11 | 1848 | 3.32E-11 | 1918 | 2.67E-11 | | |
| 1220 | 1.58E-11 | 1290 | 7.67E-11 | 1360 | 6.54E-11 | 1430 | 4.99E-11 | 1500 | 5.50E-11 | 1570 | 4.61E-11 | 1640 | 3.79E-11 | 1710 | 3.83E-11 | 1780 | 4.35E-11 | 1850 | 3.32E-11 | 1920 | 2.71E-11 | | |


HD 203064 07.5 III:n((f)) V=5.00 (B−V)=−0.01 E(B−V)=0.30
LAP: SWP 36315
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 203064 O7.5 III:n((f)) V=5.00 (B-V)=-0.01 E(B-V)=0.30**
**LAP: LWP 15564**

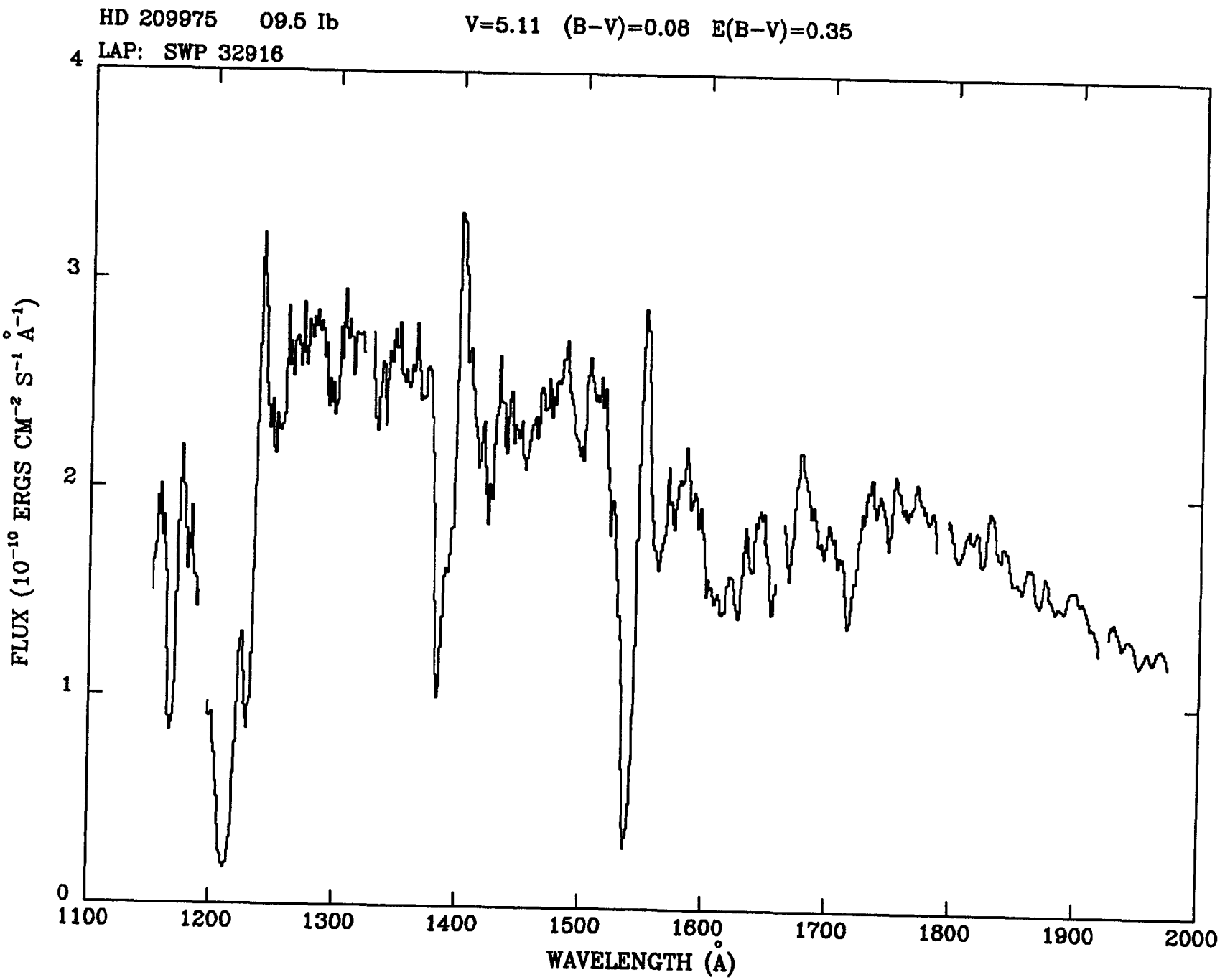
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.76E-10 | 2078 | 2.55E-10 | 2180 | 1.56E-10 | 2282 | 1.59E-10 | 2384 | 1.70E-10 | 2486 | 1.90E-10 | 2588 | 1.78E-10 | 2690 | 1.84E-10 | 2792 | 1.64E-10 | 2894 | 1.49E-10 | 2996 | 1.44E-10 | 3098 | 1.45E-10 |
| 1978 | 2.76E-10 | 2080 | 2.27E-10 | 2182 | 1.43E-10 | 2284 | 1.61E-10 | 2386 | 1.61E-10 | 2488 | 1.97E-10 | 2590 | 1.79E-10 | 2692 | 1.81E-10 | 2794 | 1.61E-10 | 2896 | 1.46E-10 | 2998 | 1.44E-10 | 3100 | 1.39E-10 |
| 1980 | 2.44E-10 | 2082 | 1.91E-10 | 2184 | 1.44E-10 | 2286 | 1.61E-10 | 2388 | 1.64E-10 | 2490 | 2.09E-10 | 2592 | 1.80E-10 | 2694 | 1.78E-10 | 2796 | 1.56E-10 | 2898 | 1.52E-10 | 3000 | 1.44E-10 | 3102 | 1.41E-10 |
| 1982 | 2.48E-10 | 2084 | 1.84E-10 | 2186 | 1.56E-10 | 2288 | 1.54E-10 | 2390 | 1.82E-10 | 2492 | 1.97E-10 | 2594 | 1.73E-10 | 2696 | 1.79E-10 | 2798 | 1.52E-10 | 2900 | 1.57E-10 | 3002 | 1.47E-10 | 3104 | 1.44E-10 |
| 1984 | 2.81E-10 | 2086 | 2.05E-10 | 2188 | 1.69E-10 | 2290 | 1.57E-10 | 2392 | 1.88E-10 | 2494 | 1.88E-10 | 2596 | 1.77E-10 | 2698 | 1.74E-10 | 2800 | 1.55E-10 | 2902 | 1.57E-10 | 3004 | 1.49E-10 | 3106 | 1.46E-10 |
| 1986 | 2.68E-10 | 2088 | 1.99E-10 | 2190 | 1.56E-10 | 2292 | 1.58E-10 | 2394 | 1.87E-10 | 2496 | 1.93E-10 | 2598 | 1.88E-10 | 2700 | 1.70E-10 | 2802 | 1.57E-10 | 2904 | 1.55E-10 | 3006 | 1.50E-10 | 3108 | 1.45E-10 |
| 1988 | 2.90E-10 | 2090 | 1.76E-10 | 2192 | 1.28E-10 | 2294 | 1.48E-10 | 2396 | 1.80E-10 | 2498 | 1.95E-10 | 2600 | 1.85E-10 | 2702 | 1.72E-10 | 2804 | 1.52E-10 | 2906 | 1.55E-10 | 3008 | 1.49E-10 | 3110 | 1.44E-10 |
| 1990 | 2.67E-10 | 2092 | 1.90E-10 | 2194 | 1.38E-10 | 2296 | 1.77E-10 | 2398 | 1.80E-10 | 2500 | 1.95E-10 | 2602 | 1.77E-10 | 2704 | 1.72E-10 | 2806 | 1.49E-10 | 2908 | 1.56E-10 | 3010 | 1.44E-10 | 3112 | 1.42E-10 |
| 1992 | 2.68E-10 | 2094 | 2.18E-10 | 2196 | 1.64E-10 | 2298 | 1.68E-10 | 2400 | 1.85E-10 | 2502 | 1.94E-10 | 2604 | 1.85E-10 | 2706 | 1.74E-10 | 2808 | 1.61E-10 | 2910 | 1.58E-10 | 3012 | 1.44E-10 | 3114 | 1.43E-10 |
| 1994 | 2.77E-10 | 2096 | 1.75E-10 | 2198 | 1.57E-10 | 2300 | 1.40E-10 | 2402 | 1.83E-10 | 2504 | 1.97E-10 | 2606 | 1.95E-10 | 2708 | 1.77E-10 | 2810 | 1.67E-10 | 2912 | 1.57E-10 | 3014 | 1.43E-10 | 3116 | 1.42E-10 |
| 1996 | 2.81E-10 | 2098 | 1.85E-10 | 2200 | 1.62E-10 | 2302 | 1.41E-10 | 2404 | 1.83E-10 | 2506 | 1.97E-10 | 2608 | 1.89E-10 | 2710 | 1.75E-10 | 2812 | 1.70E-10 | 2914 | 1.55E-10 | 3016 | 1.43E-10 | 3118 | 1.41E-10 |
| 1998 | 2.57E-10 | 2100 | 1.93E-10 | 2202 | 1.50E-10 | 2304 | 1.58E-10 | 2406 | 1.81E-10 | 2508 | 1.89E-10 | 2610 | 1.81E-10 | 2712 | 1.75E-10 | 2814 | 1.66E-10 | 2916 | 1.54E-10 | 3018 | 1.45E-10 | 3120 | 1.42E-10 |
| 2000 | 2.68E-10 | 2102 | 1.75E-10 | 2204 | 1.61E-10 | 2306 | 1.56E-10 | 2408 | 1.95E-10 | 2510 | 1.87E-10 | 2612 | 1.85E-10 | 2714 | 1.75E-10 | 2816 | 1.66E-10 | 2918 | 1.56E-10 | 3020 | 1.46E-10 | 3122 | 1.40E-10 |
| 2002 | 2.73E-10 | 2104 | 1.87E-10 | 2206 | 1.66E-10 | 2308 | 1.59E-10 | 2410 | 1.93E-10 | 2512 | 1.92E-10 | 2614 | 1.94E-10 | 2716 | 1.75E-10 | 2818 | 1.69E-10 | 2920 | 1.60E-10 | 3022 | 1.47E-10 | 3124 | 1.38E-10 |
| 2004 | 2.78E-10 | 2106 | 1.75E-10 | 2208 | 1.46E-10 | 2310 | 1.69E-10 | 2412 | 1.80E-10 | 2514 | 1.84E-10 | 2616 | 1.97E-10 | 2718 | 1.73E-10 | 2820 | 1.71E-10 | 2922 | 1.61E-10 | 3024 | 1.46E-10 | 3126 | 1.40E-10 |
| 2006 | 2.65E-10 | 2108 | 1.55E-10 | 2210 | 1.46E-10 | 2312 | 1.69E-10 | 2414 | 1.76E-10 | 2516 | 1.83E-10 | 2618 | 1.89E-10 | 2720 | 1.73E-10 | 2822 | 1.67E-10 | 2924 | 1.53E-10 | 3026 | 1.45E-10 | 3128 | 1.43E-10 |
| 2008 | 2.52E-10 | 2110 | 1.52E-10 | 2212 | 1.47E-10 | 2314 | 1.73E-10 | 2416 | 1.69E-10 | 2518 | 1.87E-10 | 2620 | 1.85E-10 | 2722 | 1.76E-10 | 2824 | 1.62E-10 | 2926 | 1.49E-10 | 3028 | 1.45E-10 | 3130 | 1.42E-10 |
| 2010 | 2.43E-10 | 2112 | 1.73E-10 | 2214 | 1.31E-10 | 2316 | 1.74E-10 | 2418 | 1.73E-10 | 2520 | 2.00E-10 | 2622 | 1.93E-10 | 2724 | 1.79E-10 | 2826 | 1.62E-10 | 2928 | 1.48E-10 | 3030 | 1.47E-10 | 3132 | 1.37E-10 |
| 2012 | 2.38E-10 | 2114 | 1.74E-10 | 2216 | 1.40E-10 | 2318 | 1.72E-10 | 2420 | 1.83E-10 | 2522 | 1.95E-10 | 2624 | 1.96E-10 | 2726 | 1.76E-10 | 2828 | 1.63E-10 | 2930 | 1.52E-10 | 3032 | 1.52E-10 | 3134 | 1.37E-10 |
| 2014 | 2.76E-10 | 2116 | 1.70E-10 | 2218 | 1.51E-10 | 2320 | 1.65E-10 | 2422 | 1.82E-10 | 2524 | 1.82E-10 | 2626 | 1.94E-10 | 2728 | 1.70E-10 | 2830 | 1.62E-10 | 2932 | 1.57E-10 | 3034 | 1.54E-10 | 3136 | 1.39E-10 |
| 2016 | 3.08E-10 | 2118 | 1.96E-10 | 2220 | 1.47E-10 | 2322 | 1.57E-10 | 2424 | 1.78E-10 | 2526 | 1.93E-10 | 2628 | 1.91E-10 | 2730 | 1.69E-10 | 2832 | 1.59E-10 | 2934 | 1.57E-10 | 3036 | 1.51E-10 | 3138 | 1.37E-10 |
| 2018 | 2.59E-10 | 2120 | 1.82E-10 | 2222 | 1.37E-10 | 2324 | 1.71E-10 | 2426 | 1.75E-10 | 2528 | 1.97E-10 | 2630 | 1.84E-10 | 2732 | 1.69E-10 | 2834 | 1.63E-10 | 2936 | 1.53E-10 | 3038 | 1.52E-10 | 3140 | 1.34E-10 |
| 2020 | 2.28E-10 | 2122 | 2.18E-10 | 2224 | 1.41E-10 | 2326 | 1.81E-10 | 2428 | 1.73E-10 | 2530 | 1.90E-10 | 2632 | 1.84E-10 | 2734 | 1.65E-10 | 2836 | 1.68E-10 | 2938 | 1.53E-10 | 3040 | 1.50E-10 | 3142 | 1.38E-10 |
| 2022 | 2.44E-10 | 2124 | 2.10E-10 | 2226 | 1.48E-10 | 2328 | 1.82E-10 | 2430 | 1.81E-10 | 2532 | 1.86E-10 | 2634 | 1.86E-10 | 2736 | 1.66E-10 | 2838 | 1.65E-10 | 2940 | 1.53E-10 | 3042 | 1.47E-10 | 3144 | 1.45E-10 |
| 2024 | 2.64E-10 | 2126 | 1.51E-10 | 2228 | 1.42E-10 | 2330 | 1.79E-10 | 2432 | 1.82E-10 | 2534 | 1.96E-10 | 2636 | 1.84E-10 | 2738 | 1.68E-10 | 2840 | 1.64E-10 | 2942 | 1.51E-10 | 3044 | 1.46E-10 | 3146 | 1.49E-10 |
| 2026 | 2.40E-10 | 2128 | 1.80E-10 | 2230 | 1.44E-10 | 2332 | 1.67E-10 | 2434 | 1.88E-10 | 2536 | 1.94E-10 | 2638 | 1.93E-10 | 2740 | 1.75E-10 | 2842 | 1.69E-10 | 2944 | 1.49E-10 | 3046 | 1.46E-10 | 3148 | 1.49E-10 |
| 2028 | 2.35E-10 | 2130 | 2.01E-10 | 2232 | 1.59E-10 | 2334 | 1.63E-10 | 2436 | 1.83E-10 | 2538 | 1.79E-10 | 2640 | 1.95E-10 | 2742 | 1.77E-10 | 2844 | 1.70E-10 | 2946 | 1.48E-10 | 3048 | 1.46E-10 | 3150 | 1.51E-10 |
| 2030 | 2.40E-10 | 2132 | 1.65E-10 | 2234 | 1.46E-10 | 2336 | 1.81E-10 | 2438 | 1.71E-10 | 2540 | 1.79E-10 | 2642 | 1.84E-10 | 2744 | 1.73E-10 | 2846 | 1.67E-10 | 2948 | 1.50E-10 | 3050 | 1.47E-10 | 3152 | 1.52E-10 |
| 2032 | 2.62E-10 | 2134 | 1.48E-10 | 2236 | 1.37E-10 | 2338 | 1.91E-10 | 2440 | 1.91E-10 | 2542 | 1.85E-10 | 2644 | 1.77E-10 | 2746 | 1.78E-10 | 2848 | | 2950 | 1.53E-10 | 3052 | 1.45E-10 | 3154 | 1.47E-10 |
| 2034 | 2.36E-10 | 2136 | 1.57E-10 | 2238 | 1.57E-10 | 2340 | 1.89E-10 | 2442 | 1.95E-10 | 2544 | 1.96E-10 | 2646 | 1.80E-10 | 2748 | 1.78E-10 | 2850 | | 2952 | 1.53E-10 | 3054 | | 3156 | 1.45E-10 |
| 2036 | 2.35E-10 | 2138 | 1.80E-10 | 2240 | 1.59E-10 | 2342 | 1.82E-10 | 2444 | 1.88E-10 | 2546 | 1.91E-10 | 2648 | 1.73E-10 | 2750 | 1.78E-10 | 2852 | | 2954 | 1.52E-10 | 3056 | | 3158 | 1.51E-10 |
| 2038 | 2.37E-10 | 2140 | 1.75E-10 | 2242 | 1.58E-10 | 2344 | 1.77E-10 | 2446 | 1.82E-10 | 2548 | 1.86E-10 | 2650 | 1.76E-10 | 2752 | 1.79E-10 | 2854 | | 2956 | 1.54E-10 | 3058 | | 3160 | 1.54E-10 |
| 2040 | 2.22E-10 | 2142 | 1.67E-10 | 2244 | 1.44E-10 | 2346 | 1.73E-10 | 2448 | 1.85E-10 | 2550 | 1.89E-10 | 2652 | 1.87E-10 | 2754 | 1.80E-10 | 2856 | | 2958 | 1.56E-10 | 3060 | | 3162 | 1.51E-10 |
| 2042 | 2.24E-10 | 2144 | 1.73E-10 | 2246 | 1.40E-10 | 2348 | 1.64E-10 | 2450 | 1.89E-10 | 2552 | 1.92E-10 | 2654 | 1.96E-10 | 2756 | 1.78E-10 | 2858 | 1.60E-10 | 2960 | 1.55E-10 | 3062 | 1.37E-10 | 3164 | 1.45E-10 |
| 2044 | 2.51E-10 | 2146 | 1.66E-10 | 2248 | 1.58E-10 | 2350 | 1.67E-10 | 2452 | 1.95E-10 | 2554 | 1.93E-10 | 2656 | 1.90E-10 | 2758 | 1.74E-10 | 2860 | 1.62E-10 | 2962 | 1.53E-10 | 3064 | 1.39E-10 | 3166 | 1.44E-10 |
| 2046 | 2.47E-10 | 2148 | 1.73E-10 | 2250 | 1.66E-10 | 2352 | 1.73E-10 | 2454 | 2.02E-10 | 2556 | 1.89E-10 | 2658 | 1.83E-10 | 2760 | 1.73E-10 | 2862 | 1.63E-10 | 2964 | 1.53E-10 | 3066 | 1.43E-10 | 3168 | 1.44E-10 |
| 2048 | 2.45E-10 | 2150 | 1.78E-10 | 2252 | 1.49E-10 | 2354 | 1.71E-10 | 2456 | 1.95E-10 | 2558 | 1.87E-10 | 2660 | 1.84E-10 | 2762 | 1.73E-10 | 2864 | 1.58E-10 | 2966 | 1.56E-10 | 3068 | 1.49E-10 | 3170 | 1.44E-10 |
| 2050 | 2.37E-10 | 2152 | 1.57E-10 | 2254 | 1.47E-10 | 2356 | 1.73E-10 | 2458 | 1.86E-10 | 2560 | 1.93E-10 | 2662 | 1.87E-10 | 2764 | 1.74E-10 | 2866 | 1.59E-10 | 2968 | 1.58E-10 | 3070 | 1.52E-10 | 3172 | 1.47E-10 |
| 2052 | 2.19E-10 | 2154 | 1.55E-10 | 2256 | 1.60E-10 | 2358 | 1.73E-10 | 2460 | 1.80E-10 | 2562 | 1.87E-10 | 2664 | 1.85E-10 | 2766 | 1.73E-10 | 2868 | 1.56E-10 | 2970 | 1.57E-10 | 3072 | 1.50E-10 | 3174 | 1.48E-10 |
| 2054 | 2.34E-10 | 2156 | 1.78E-10 | 2258 | 1.57E-10 | 2360 | 1.80E-10 | 2462 | 1.84E-10 | 2564 | 1.89E-10 | 2666 | 1.80E-10 | 2768 | 1.72E-10 | 2870 | 1.55E-10 | 2972 | 1.51E-10 | 3074 | 1.47E-10 | 3176 | 1.43E-10 |
| 2056 | 2.35E-10 | 2158 | 1.62E-10 | 2260 | 1.51E-10 | 2362 | 1.73E-10 | 2464 | 1.85E-10 | 2566 | 1.89E-10 | 2668 | 1.78E-10 | 2770 | 1.72E-10 | 2872 | 1.56E-10 | 2974 | 1.48E-10 | 3076 | 1.45E-10 | 3178 | 1.40E-10 |
| 2058 | 2.42E-10 | 2160 | 1.67E-10 | 2262 | 1.42E-10 | 2364 | 1.68E-10 | 2466 | 1.95E-10 | 2568 | 1.86E-10 | 2670 | 1.80E-10 | 2772 | 1.71E-10 | 2874 | 1.58E-10 | 2976 | 1.49E-10 | 3078 | 1.44E-10 | 3180 | 1.42E-10 |
| 2060 | 2.28E-10 | 2162 | 1.72E-10 | 2264 | 1.60E-10 | 2366 | 1.74E-10 | 2468 | 1.87E-10 | 2570 | 1.91E-10 | 2672 | 1.79E-10 | 2774 | 1.74E-10 | 2876 | 1.59E-10 | 2978 | 1.48E-10 | 3080 | 1.46E-10 | 3182 | 1.44E-10 |
| 2062 | 2.01E-10 | 2164 | 1.49E-10 | 2266 | 1.67E-10 | 2368 | 1.82E-10 | 2470 | 1.96E-10 | 2572 | 1.84E-10 | 2674 | 1.78E-10 | 2776 | 1.70E-10 | 2878 | 1.60E-10 | 2980 | 1.47E-10 | 3082 | 1.48E-10 | 3184 | 1.44E-10 |
| 2064 | 1.77E-10 | 2166 | 1.43E-10 | 2268 | 1.55E-10 | 2370 | 1.74E-10 | 2472 | 2.01E-10 | 2574 | 1.86E-10 | 2676 | 1.78E-10 | 2778 | 1.70E-10 | 2880 | 1.58E-10 | 2982 | 1.49E-10 | 3084 | 1.48E-10 | 3186 | 1.37E-10 |
| 2066 | 2.07E-10 | 2168 | 1.50E-10 | 2270 | 1.43E-10 | 2372 | 1.72E-10 | 2474 | 1.92E-10 | 2576 | 1.89E-10 | 2678 | 1.78E-10 | 2780 | 1.68E-10 | 2882 | 1.59E-10 | 2984 | 1.50E-10 | 3086 | 1.47E-10 | 3188 | 1.33E-10 |
| 2068 | 2.09E-10 | 2170 | 1.62E-10 | 2272 | 1.42E-10 | 2374 | 1.71E-10 | 2476 | 1.85E-10 | 2578 | 1.83E-10 | 2680 | 1.80E-10 | 2782 | 1.67E-10 | 2884 | 1.62E-10 | 2986 | 1.52E-10 | 3088 | 1.46E-10 | 3190 | 1.38E-10 |
| 2070 | 1.86E-10 | 2172 | 1.79E-10 | 2274 | 1.46E-10 | 2376 | 1.84E-10 | 2478 | 1.88E-10 | 2580 | 1.80E-10 | 2682 | 1.76E-10 | 2784 | 1.70E-10 | 2886 | 1.59E-10 | 2988 | 1.47E-10 | 3090 | 1.44E-10 | 3192 | 1.45E-10 |
| 2072 | 2.02E-10 | 2174 | 1.53E-10 | 2276 | 1.62E-10 | 2378 | 1.82E-10 | 2480 | 1.96E-10 | 2582 | 1.77E-10 | 2684 | 1.75E-10 | 2786 | 1.69E-10 | 2888 | 1.61E-10 | 2990 | 1.43E-10 | 3092 | 1.44E-10 | 3194 | 1.50E-10 |
| 2074 | 2.02E-10 | 2176 | 1.53E-10 | 2278 | 1.57E-10 | 2380 | 1.75E-10 | 2482 | 1.90E-10 | 2584 | 1.81E-10 | 2686 | 1.79E-10 | 2788 | 1.67E-10 | 2890 | 1.61E-10 | 2992 | 1.41E-10 | 3094 | 1.44E-10 | 3196 | 1.50E-10 |
| 2076 | 2.30E-10 | 2178 | 1.64E-10 | 2280 | 1.43E-10 | 2382 | 1.81E-10 | 2484 | 1.87E-10 | 2586 | 1.85E-10 | 2688 | 1.83E-10 | 2790 | 1.68E-10 | 2892 | 1.55E-10 | 2994 | 1.42E-10 | 3096 | 1.49E-10 | 3198 | 1.44E-10 |


HD 203064 07.5 III:n((f)) V=5.00 (B-V)=-0.01 E(B-V)=0.30
LAP: LWP 15564
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 209975 O9.5 Ib V=5.11 (B-V)=0.08 E(B-V)=0.35**

**LAP: SWP 32916**

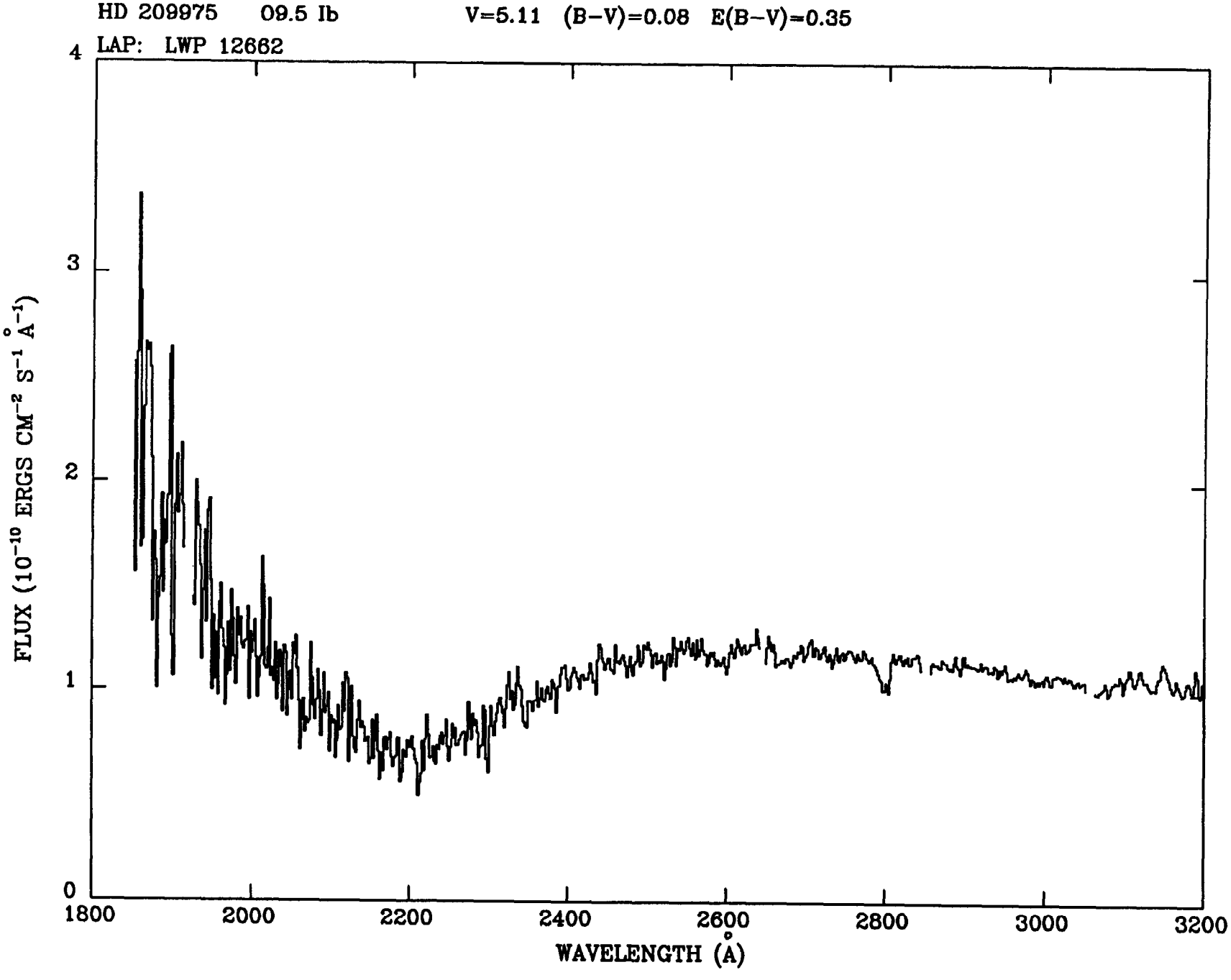
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 1.61E-10 | 1222 | 1.20E-10 | 1292 | 2.42E-10 | 1362 | 2.59E-10 | 1432 | 2.56E-10 | 1502 | 2.41E-10 | 1572 | 1.95E-10 | 1642 | 1.86E-10 | 1712 | 1.59E-10 | 1782 | 1.91E-10 | 1852 | 1.59E-10 | 1922 | |
| 1154 | 1.70E-10 | 1224 | 1.28E-10 | 1294 | 2.48E-10 | 1364 | 2.73E-10 | 1434 | 2.42E-10 | 1504 | 2.58E-10 | 1574 | 1.84E-10 | 1644 | 1.91E-10 | 1714 | 1.42E-10 | 1784 | 1.91E-10 | 1854 | 1.57E-10 | 1924 | |
| 1156 | 1.91E-10 | 1226 | 1.03E-10 | 1296 | 2.46E-10 | 1366 | 2.62E-10 | 1436 | 2.31E-10 | 1506 | 2.58E-10 | 1576 | 1.93E-10 | 1646 | 1.89E-10 | 1716 | 1.39E-10 | 1786 | 1.82E-10 | 1856 | 1.56E-10 | 1926 | 1.34E-10 |
| 1158 | 1.93E-10 | 1228 | 8.73E-11 | 1298 | 2.38E-10 | 1368 | 2.47E-10 | 1438 | 2.25E-10 | 1508 | 2.50E-10 | 1578 | 2.03E-10 | 1648 | 1.85E-10 | 1718 | 1.49E-10 | 1788 | 1.74E-10 | 1858 | 1.62E-10 | 1928 | 1.39E-10 |
| 1160 | 1.83E-10 | 1230 | 9.39E-11 | 1300 | 2.47E-10 | 1370 | 2.44E-10 | 1440 | 2.43E-10 | 1510 | 2.45E-10 | 1580 | 2.05E-10 | 1650 | 1.71E-10 | 1720 | 1.58E-10 | 1790 | | 1860 | 1.66E-10 | 1930 | 1.40E-10 |
| 1162 | 1.67E-10 | 1232 | 1.12E-10 | 1302 | 2.69E-10 | 1372 | 2.50E-10 | 1442 | 2.38E-10 | 1512 | 2.45E-10 | 1582 | 2.08E-10 | 1652 | 1.57E-10 | 1722 | 1.66E-10 | 1792 | | 1862 | 1.66E-10 | 1932 | 1.39E-10 |
| 1164 | 1.23E-10 | 1234 | 1.77E-10 | 1304 | 2.72E-10 | 1374 | 2.58E-10 | 1444 | 2.26E-10 | 1514 | 2.52E-10 | 1584 | 2.18E-10 | 1654 | 1.43E-10 | 1724 | 1.77E-10 | 1794 | 1.86E-10 | 1864 | 1.63E-10 | 1934 | 1.35E-10 |
| 1166 | 8.58E-11 | 1236 | 2.33E-10 | 1306 | 2.88E-10 | 1376 | 2.55E-10 | 1446 | 2.29E-10 | 1516 | 2.43E-10 | 1586 | 2.10E-10 | 1656 | 1.52E-10 | 1726 | 1.88E-10 | 1796 | 1.88E-10 | 1866 | 1.55E-10 | 1936 | 1.30E-10 |
| 1168 | 8.82E-11 | 1238 | 2.94E-10 | 1308 | 2.75E-10 | 1378 | 2.28E-10 | 1448 | 2.27E-10 | 1518 | 2.44E-10 | 1588 | 1.93E-10 | 1658 | 1.58E-10 | 1728 | 1.89E-10 | 1798 | 1.87E-10 | 1868 | 1.50E-10 | 1938 | 1.30E-10 |
| 1170 | 1.16E-10 | 1240 | 3.12E-10 | 1310 | 2.75E-10 | 1380 | 1.83E-10 | 1450 | 2.25E-10 | 1520 | 2.16E-10 | 1590 | 1.98E-10 | 1660 | | 1730 | 1.96E-10 | 1800 | 1.80E-10 | 1870 | 1.49E-10 | 1940 | 1.32E-10 |
| 1172 | 1.75E-10 | 1242 | 2.77E-10 | 1312 | 2.63E-10 | 1382 | 1.21E-10 | 1452 | 2.14E-10 | 1522 | 1.90E-10 | 1592 | 1.97E-10 | 1662 | 1.86E-10 | 1732 | 2.02E-10 | 1802 | 1.74E-10 | 1872 | 1.54E-10 | 1942 | 1.33E-10 |
| 1174 | 2.12E-10 | 1244 | 2.41E-10 | 1314 | 2.70E-10 | 1384 | 1.03E-10 | 1454 | 2.14E-10 | 1524 | 1.92E-10 | 1594 | 1.87E-10 | 1664 | 1.83E-10 | 1734 | 2.07E-10 | 1804 | 1.70E-10 | 1874 | 1.61E-10 | 1944 | 1.32E-10 |
| 1176 | 2.03E-10 | 1246 | 2.34E-10 | 1316 | 2.74E-10 | 1386 | 1.27E-10 | 1456 | 2.22E-10 | 1526 | 1.90E-10 | 1596 | 1.89E-10 | 1666 | 1.71E-10 | 1736 | 1.98E-10 | 1806 | 1.71E-10 | 1876 | 1.60E-10 | 1946 | 1.30E-10 |
| 1178 | 1.84E-10 | 1248 | 2.35E-10 | 1318 | 2.74E-10 | 1388 | 1.53E-10 | 1458 | 2.29E-10 | 1528 | 1.66E-10 | 1598 | 1.78E-10 | 1668 | 1.62E-10 | 1738 | 1.91E-10 | 1808 | 1.74E-10 | 1878 | 1.53E-10 | 1948 | 1.26E-10 |
| 1180 | 1.69E-10 | 1250 | 2.20E-10 | 1320 | 2.71E-10 | 1390 | 1.63E-10 | 1460 | 2.34E-10 | 1530 | 1.43E-10 | 1600 | 1.58E-10 | 1670 | 1.74E-10 | 1740 | 1.97E-10 | 1810 | 1.79E-10 | 1880 | 1.50E-10 | 1950 | 1.21E-10 |
| 1182 | 1.79E-10 | 1252 | 2.33E-10 | 1322 | 2.65E-10 | 1392 | 1.64E-10 | 1462 | 2.29E-10 | 1532 | 1.27E-10 | 1602 | 1.57E-10 | 1672 | 1.88E-10 | 1742 | 1.98E-10 | 1812 | 1.83E-10 | 1882 | 1.46E-10 | 1952 | 1.21E-10 |
| 1184 | 1.70E-10 | 1254 | 2.28E-10 | 1324 | | 1394 | 1.79E-10 | 1464 | 2.38E-10 | 1534 | 8.35E-11 | 1604 | 1.54E-10 | 1674 | 2.06E-10 | 1744 | 1.92E-10 | 1814 | 1.80E-10 | 1884 | 1.47E-10 | 1954 | 1.23E-10 |
| 1186 | 1.57E-10 | 1256 | 2.31E-10 | 1326 | | 1396 | 2.02E-10 | 1466 | 2.49E-10 | 1536 | 3.50E-11 | 1606 | 1.49E-10 | 1676 | 2.17E-10 | 1746 | 1.84E-10 | 1816 | 1.79E-10 | 1886 | 1.48E-10 | 1956 | 1.25E-10 |
| 1188 | 1.46E-10 | 1258 | 2.51E-10 | 1328 | 2.69E-10 | 1398 | 2.69E-10 | 1468 | 2.42E-10 | 1538 | 3.42E-11 | 1608 | 1.49E-10 | 1678 | 2.15E-10 | 1748 | 1.77E-10 | 1818 | 1.82E-10 | 1888 | 1.47E-10 | 1958 | 1.27E-10 |
| 1190 | 1.50E-10 | 1260 | 2.75E-10 | 1330 | 2.41E-10 | 1400 | 3.25E-10 | 1470 | 2.40E-10 | 1540 | 4.58E-11 | 1610 | 1.51E-10 | 1680 | 2.08E-10 | 1750 | 1.88E-10 | 1820 | 1.81E-10 | 1890 | 1.46E-10 | 1960 | 1.24E-10 |
| 1192 | | 1262 | 2.67E-10 | 1332 | 2.31E-10 | 1402 | 3.28E-10 | 1472 | 2.50E-10 | 1542 | 8.03E-11 | 1612 | 1.46E-10 | 1682 | 2.04E-10 | 1752 | 2.07E-10 | 1822 | 1.71E-10 | 1892 | 1.49E-10 | 1962 | 1.22E-10 |
| 1194 | | 1264 | 2.59E-10 | 1334 | 2.44E-10 | 1404 | 3.05E-10 | 1474 | 2.41E-10 | 1544 | 1.39E-10 | 1614 | 1.43E-10 | 1684 | 1.97E-10 | 1754 | 2.07E-10 | 1824 | 1.68E-10 | 1894 | 1.55E-10 | 1964 | 1.25E-10 |
| 1196 | 9.72E-11 | 1266 | 2.71E-10 | 1336 | 2.58E-10 | 1406 | 2.67E-10 | 1476 | 2.43E-10 | 1546 | 2.06E-10 | 1616 | 1.47E-10 | 1686 | 1.91E-10 | 1756 | 2.02E-10 | 1826 | 1.74E-10 | 1896 | 1.56E-10 | 1966 | 1.27E-10 |
| 1198 | 9.24E-11 | 1268 | 2.71E-10 | 1338 | 2.51E-10 | 1408 | 2.65E-10 | 1478 | 2.51E-10 | 1548 | 2.57E-10 | 1618 | 1.57E-10 | 1688 | 1.93E-10 | 1758 | 1.95E-10 | 1828 | 1.87E-10 | 1898 | 1.56E-10 | 1968 | 1.29E-10 |
| 1200 | 9.13E-11 | 1270 | 2.62E-10 | 1340 | 2.38E-10 | 1410 | 2.49E-10 | 1480 | 2.52E-10 | 1550 | 2.84E-10 | 1620 | 1.60E-10 | 1690 | 1.85E-10 | 1760 | 1.93E-10 | 1830 | 1.92E-10 | 1900 | 1.54E-10 | 1970 | 1.28E-10 |
| 1202 | 7.71E-11 | 1272 | 2.79E-10 | 1342 | 2.62E-10 | 1412 | 2.35E-10 | 1482 | 2.59E-10 | 1552 | 2.76E-10 | 1622 | 1.58E-10 | 1692 | 1.75E-10 | 1762 | 1.91E-10 | 1832 | 1.90E-10 | 1902 | 1.50E-10 | 1972 | 1.25E-10 |
| 1204 | 6.14E-11 | 1274 | 2.65E-10 | 1344 | 2.62E-10 | 1414 | 2.23E-10 | 1484 | 2.65E-10 | 1554 | 2.34E-10 | 1624 | 1.49E-10 | 1694 | 1.75E-10 | 1764 | 1.91E-10 | 1834 | 1.81E-10 | 1904 | 1.50E-10 | 1974 | 1.21E-10 |
| 1206 | 4.29E-11 | 1276 | 2.69E-10 | 1346 | 2.73E-10 | 1416 | 2.13E-10 | 1486 | 2.68E-10 | 1556 | 1.94E-10 | 1626 | 1.42E-10 | 1696 | 1.71E-10 | 1766 | 1.93E-10 | 1836 | 1.72E-10 | 1906 | 1.49E-10 | | |
| 1208 | 2.43E-11 | 1278 | 2.79E-10 | 1348 | 2.69E-10 | 1418 | 2.26E-10 | 1488 | 2.51E-10 | 1558 | 1.77E-10 | 1628 | 1.48E-10 | 1698 | 1.79E-10 | 1768 | 1.97E-10 | 1838 | 1.70E-10 | 1908 | 1.45E-10 | | |
| 1210 | 1.95E-11 | 1280 | 2.76E-10 | 1350 | 2.75E-10 | 1420 | 2.28E-10 | 1490 | 2.43E-10 | 1560 | 1.70E-10 | 1630 | 1.63E-10 | 1700 | 1.85E-10 | 1770 | 2.04E-10 | 1840 | 1.75E-10 | 1910 | 1.40E-10 | | |
| 1212 | 1.85E-11 | 1282 | 2.80E-10 | 1352 | 2.56E-10 | 1422 | 2.03E-10 | 1492 | 2.36E-10 | 1562 | 1.65E-10 | 1632 | 1.79E-10 | 1702 | 1.80E-10 | 1772 | 2.03E-10 | 1842 | 1.75E-10 | 1912 | 1.38E-10 | | |
| 1214 | 2.19E-11 | 1284 | 2.81E-10 | 1354 | 2.54E-10 | 1424 | 1.92E-10 | 1494 | 2.26E-10 | 1564 | 1.73E-10 | 1634 | 1.76E-10 | 1704 | 1.79E-10 | 1774 | 1.97E-10 | 1844 | 1.73E-10 | 1914 | 1.38E-10 | | |
| 1216 | 3.23E-11 | 1286 | 2.77E-10 | 1356 | 2.54E-10 | 1426 | 1.99E-10 | 1496 | 2.23E-10 | 1566 | 1.79E-10 | 1636 | 1.65E-10 | 1706 | 1.68E-10 | 1776 | 1.94E-10 | 1846 | 1.65E-10 | 1916 | 1.35E-10 | | |
| 1218 | 5.65E-11 | 1288 | 2.73E-10 | 1358 | 2.50E-10 | 1428 | 2.16E-10 | 1498 | 2.19E-10 | 1568 | 1.96E-10 | 1638 | 1.65E-10 | 1708 | 1.69E-10 | 1778 | 1.91E-10 | 1848 | 1.59E-10 | 1918 | 1.30E-10 | | |
| 1220 | 8.70E-11 | 1290 | 2.65E-10 | 1360 | 2.53E-10 | 1430 | 2.38E-10 | 1500 | 2.18E-10 | 1570 | 2.07E-10 | 1640 | 1.82E-10 | 1710 | 1.69E-10 | 1780 | 1.88E-10 | 1850 | 1.59E-10 | 1920 | 1.26E-10 | | |


HD 209975 09.5 Ib V=5.11 (B−V)=0.08 E(B−V)=0.35
LAP: SWP 32916
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
1
2
3
4
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
WAVELENGTH (Å)

**HD 209975 09.5 Ib V=5.11 (B-V)=0.08 E(B-V)=0.35**

**LAP: LWP 12662**

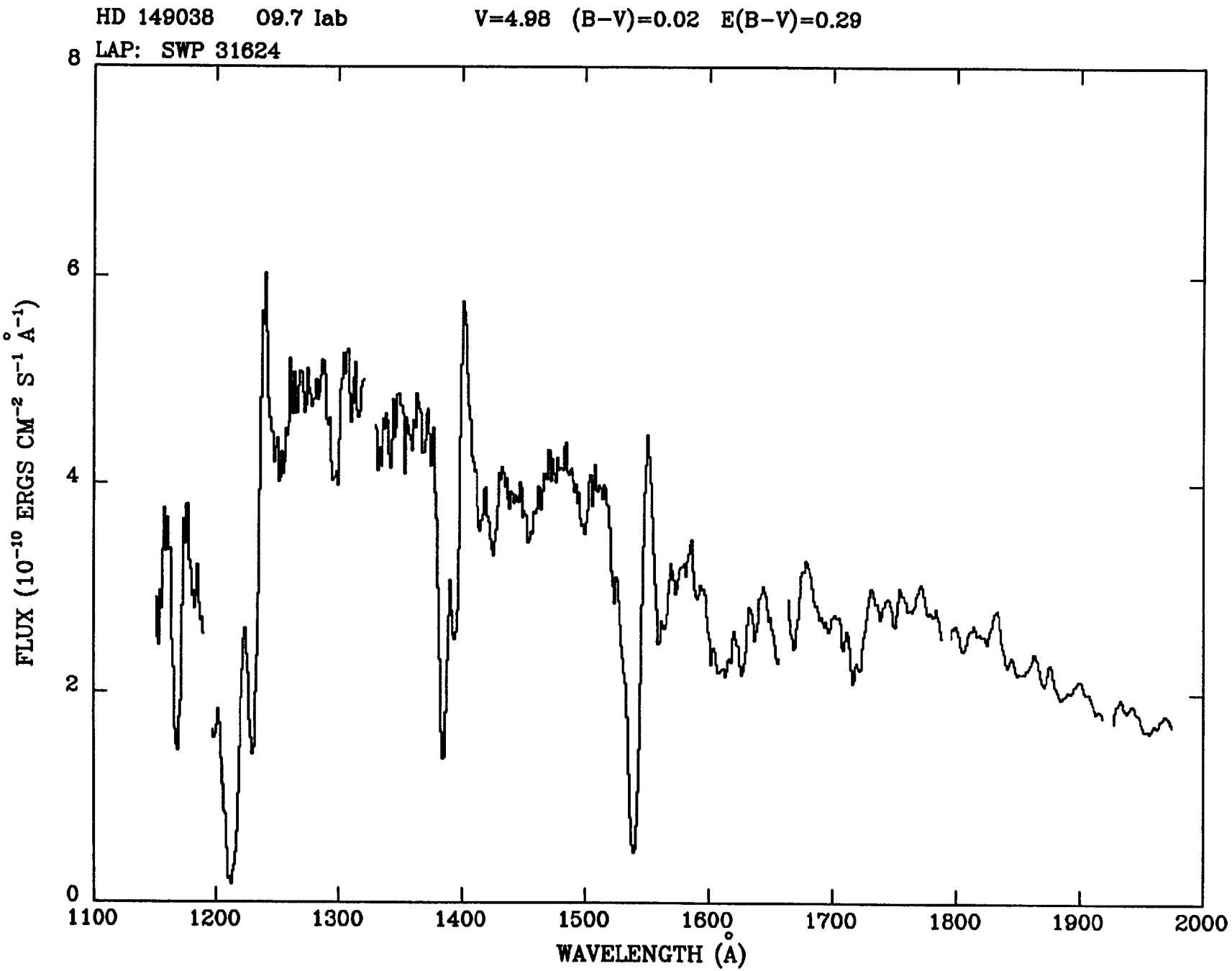
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.39E-10 | 2078 | 9.90E-11 | 2180 | 6.43E-11 | 2282 | 8.58E-11 | 2384 | 9.95E-11 | 2486 | 1.14E-10 | 2588 | 1.13E-10 | 2690 | 1.19E-10 | 2792 | 1.08E-10 | 2894 | 1.10E-10 | 2996 | 1.07E-10 | 3098 | 1.01E-10 |
| 1978 | 1.22E-10 | 2080 | 8.89E-11 | 2182 | 6.83E-11 | 2284 | 8.52E-11 | 2386 | 9.31E-11 | 2488 | 1.20E-10 | 2590 | 1.15E-10 | 2692 | 1.19E-10 | 2794 | 1.06E-10 | 2896 | 1.12E-10 | 2998 | 1.06E-10 | 3100 | 1.04E-10 |
| 1980 | 1.06E-10 | 2082 | 9.22E-11 | 2184 | 7.04E-11 | 2286 | 8.18E-11 | 2388 | 1.02E-10 | 2490 | 1.20E-10 | 2592 | 1.14E-10 | 2694 | 1.22E-10 | 2796 | 1.03E-10 | 2898 | 1.18E-10 | 3000 | 1.07E-10 | 3102 | 1.07E-10 |
| 1982 | 1.30E-10 | 2084 | 1.05E-10 | 2186 | 7.70E-11 | 2288 | 7.11E-11 | 2390 | 1.04E-10 | 2492 | 1.13E-10 | 2594 | 1.14E-10 | 2696 | 1.22E-10 | 2798 | 1.01E-10 | 2900 | 1.17E-10 | 3002 | 1.09E-10 | 3104 | 1.09E-10 |
| 1984 | 1.27E-10 | 2086 | 1.02E-10 | 2188 | 6.99E-11 | 2290 | 7.27E-11 | 2392 | 1.09E-10 | 2494 | 1.15E-10 | 2596 | 1.16E-10 | 2698 | 1.16E-10 | 2800 | 1.04E-10 | 2902 | 1.13E-10 | 3004 | 1.08E-10 | 3106 | 1.12E-10 |
| 1986 | 1.33E-10 | 2088 | 8.27E-11 | 2190 | 5.85E-11 | 2292 | 7.41E-11 | 2394 | 1.11E-10 | 2496 | 1.22E-10 | 2598 | 1.14E-10 | 2700 | 1.18E-10 | 2802 | 1.04E-10 | 2904 | 1.14E-10 | 3006 | 1.05E-10 | 3108 | 1.10E-10 |
| 1988 | 1.22E-10 | 2090 | 8.83E-11 | 2192 | 6.57E-11 | 2294 | 9.27E-11 | 2396 | 1.12E-10 | 2498 | 1.21E-10 | 2600 | 1.10E-10 | 2702 | 1.19E-10 | 2804 | 1.01E-10 | 2906 | 1.13E-10 | 3008 | 1.04E-10 | 3110 | 1.07E-10 |
| 1990 | 1.20E-10 | 2092 | 1.07E-10 | 2194 | 7.11E-11 | 2296 | 8.84E-11 | 2398 | 1.08E-10 | 2500 | 1.21E-10 | 2602 | 1.11E-10 | 2704 | 1.23E-10 | 2806 | 1.06E-10 | 2908 | 1.13E-10 | 3010 | 1.08E-10 | 3112 | 1.04E-10 |
| 1992 | 1.23E-10 | 2094 | 8.92E-11 | 2196 | 6.94E-11 | 2298 | 6.68E-11 | 2400 | 1.02E-10 | 2502 | 1.23E-10 | 2604 | 1.18E-10 | 2706 | 1.24E-10 | 2808 | 1.14E-10 | 2910 | 1.13E-10 | 3012 | 1.08E-10 | 3114 | 1.05E-10 |
| 1994 | 1.27E-10 | 2096 | 9.32E-11 | 2198 | 7.34E-11 | 2300 | 6.70E-11 | 2402 | 1.01E-10 | 2504 | 1.19E-10 | 2606 | 1.22E-10 | 2708 | 1.22E-10 | 2810 | 1.19E-10 | 2912 | 1.13E-10 | 3014 | 1.08E-10 | 3116 | 1.07E-10 |
| 1996 | 1.26E-10 | 2098 | 9.32E-11 | 2200 | 7.38E-11 | 2302 | 8.62E-11 | 2404 | 1.06E-10 | 2506 | 1.15E-10 | 2608 | 1.19E-10 | 2710 | 1.18E-10 | 2812 | 1.17E-10 | 2914 | 1.12E-10 | 3016 | 1.09E-10 | 3118 | 1.10E-10 |
| 1998 | 1.07E-10 | 2100 | 7.51E-11 | 2202 | 7.32E-11 | 2304 | 8.93E-11 | 2406 | 1.09E-10 | 2508 | 1.14E-10 | 2610 | 1.17E-10 | 2712 | 1.20E-10 | 2814 | 1.15E-10 | 2916 | 1.12E-10 | 3018 | 1.08E-10 | 3120 | 1.12E-10 |
| 2000 | 1.21E-10 | 2102 | 8.65E-11 | 2204 | 7.74E-11 | 2306 | 8.12E-11 | 2408 | 1.11E-10 | 2510 | 1.18E-10 | 2612 | 1.22E-10 | 2714 | 1.21E-10 | 2816 | 1.17E-10 | 2918 | 1.12E-10 | 3020 | 1.08E-10 | 3122 | 1.09E-10 |
| 2002 | 1.22E-10 | 2104 | 8.49E-11 | 2206 | 7.24E-11 | 2308 | 8.23E-11 | 2410 | 1.09E-10 | 2512 | 1.15E-10 | 2614 | 1.25E-10 | 2716 | 1.18E-10 | 2818 | 1.18E-10 | 2920 | 1.15E-10 | 3022 | 1.07E-10 | 3124 | 1.06E-10 |
| 2004 | 1.32E-10 | 2106 | 7.77E-11 | 2208 | 6.74E-11 | 2310 | 8.78E-11 | 2412 | 1.06E-10 | 2514 | 1.14E-10 | 2616 | 1.22E-10 | 2718 | 1.17E-10 | 2820 | 1.17E-10 | 2922 | 1.12E-10 | 3024 | 1.07E-10 | 3126 | 1.06E-10 |
| 2006 | 1.16E-10 | 2108 | 7.21E-11 | 2210 | 6.41E-11 | 2312 | 9.23E-11 | 2414 | 1.04E-10 | 2516 | 1.14E-10 | 2618 | 1.19E-10 | 2720 | 1.19E-10 | 2822 | 1.15E-10 | 2924 | 1.13E-10 | 3026 | 1.07E-10 | 3128 | 1.06E-10 |
| 2008 | 9.73E-11 | 2110 | 8.58E-11 | 2212 | 5.14E-11 | 2314 | 9.59E-11 | 2416 | 1.03E-10 | 2518 | 1.17E-10 | 2620 | 1.20E-10 | 2722 | 1.21E-10 | 2824 | 1.15E-10 | 2926 | 1.13E-10 | 3028 | 1.06E-10 | 3130 | 1.04E-10 |
| 2010 | 1.07E-10 | 2112 | 8.52E-11 | 2214 | 5.74E-11 | 2316 | 9.38E-11 | 2418 | 1.08E-10 | 2520 | 1.15E-10 | 2622 | 1.22E-10 | 2724 | 1.22E-10 | 2826 | 1.16E-10 | 2928 | 1.13E-10 | 3030 | 1.07E-10 | 3132 | 1.03E-10 |
| 2012 | 1.25E-10 | 2114 | 8.21E-11 | 2216 | 6.52E-11 | 2318 | 9.00E-11 | 2420 | 1.07E-10 | 2522 | 1.06E-10 | 2624 | 1.20E-10 | 2726 | 1.18E-10 | 2828 | 1.17E-10 | 2930 | 1.10E-10 | 3032 | 1.07E-10 | 3134 | 1.02E-10 |
| 2014 | 1.60E-10 | 2116 | 9.91E-11 | 2218 | 7.09E-11 | 2320 | 8.35E-11 | 2422 | 1.06E-10 | 2524 | 1.11E-10 | 2626 | 1.19E-10 | 2728 | 1.16E-10 | 2830 | 1.15E-10 | 2932 | 1.11E-10 | 3034 | 1.06E-10 | 3136 | 1.03E-10 |
| 2016 | 1.36E-10 | 2118 | 9.17E-11 | 2220 | 6.88E-11 | 2322 | 9.16E-11 | 2424 | 1.06E-10 | 2526 | 1.18E-10 | 2628 | 1.20E-10 | 2730 | 1.18E-10 | 2832 | 1.14E-10 | 2934 | 1.11E-10 | 3036 | 1.04E-10 | 3138 | 1.02E-10 |
| 2018 | 1.11E-10 | 2120 | 1.07E-10 | 2222 | 8.25E-11 | 2324 | 1.03E-10 | 2426 | 1.07E-10 | 2528 | 1.17E-10 | 2630 | 1.22E-10 | 2732 | 1.15E-10 | 2834 | 1.17E-10 | 2936 | 1.11E-10 | 3038 | 1.04E-10 | 3140 | 1.04E-10 |
| 2020 | 1.14E-10 | 2122 | 1.03E-10 | 2224 | 8.32E-11 | 2326 | 1.07E-10 | 2428 | 1.12E-10 | 2530 | 1.13E-10 | 2632 | 1.23E-10 | 2734 | 1.13E-10 | 2836 | 1.17E-10 | 2938 | 1.13E-10 | 3040 | 1.06E-10 | 3142 | 1.07E-10 |
| 2022 | 1.33E-10 | 2124 | 7.00E-11 | 2226 | 7.19E-11 | 2328 | 9.71E-11 | 2430 | 1.10E-10 | 2532 | 1.18E-10 | 2634 | 1.23E-10 | 2736 | 1.16E-10 | 2838 | 1.17E-10 | 2940 | 1.10E-10 | 3042 | 1.06E-10 | 3144 | 1.08E-10 |
| 2024 | 1.21E-10 | 2126 | 9.26E-11 | 2228 | 6.84E-11 | 2330 | 9.72E-11 | 2432 | 1.05E-10 | 2534 | 1.24E-10 | 2636 | 1.23E-10 | 2738 | 1.20E-10 | 2840 | 1.19E-10 | 2942 | 1.08E-10 | 3044 | 1.04E-10 | 3146 | 1.11E-10 |
| 2026 | 1.09E-10 | 2128 | 9.56E-11 | 2230 | 7.23E-11 | 2332 | 9.17E-11 | 2434 | 1.05E-10 | 2536 | 1.18E-10 | 2638 | 1.30E-10 | 2740 | 1.19E-10 | 2842 | 1.18E-10 | 2944 | 1.11E-10 | 3046 | 1.05E-10 | 3148 | 1.14E-10 |
| 2028 | 1.06E-10 | 2130 | 7.60E-11 | 2232 | 6.76E-11 | 2334 | 9.77E-11 | 2436 | 9.92E-11 | 2538 | 1.17E-10 | 2640 | 1.25E-10 | 2742 | 1.15E-10 | 2844 | 1.14E-10 | 2946 | 1.10E-10 | 3048 | 1.06E-10 | 3150 | 1.13E-10 |
| 2030 | 1.19E-10 | 2132 | 7.14E-11 | 2234 | 6.56E-11 | 2336 | 1.07E-10 | 2438 | 1.15E-10 | 2540 | 1.20E-10 | 2642 | 1.21E-10 | 2744 | 1.18E-10 | 2846 | 1.11E-10 | 2948 | 1.12E-10 | 3050 | 1.04E-10 | 3152 | 1.12E-10 |
| 2032 | 9.97E-11 | 2134 | 7.72E-11 | 2236 | 7.32E-11 | 2338 | 1.06E-10 | 2440 | 1.22E-10 | 2542 | 1.23E-10 | 2644 | | 2746 | 1.19E-10 | 2848 | | 2950 | 1.14E-10 | 3052 | 1.02E-10 | 3154 | 1.09E-10 |
| 2034 | 1.02E-10 | 2136 | 9.03E-11 | 2238 | 7.27E-11 | 2340 | 1.02E-10 | 2442 | 1.20E-10 | 2544 | 1.22E-10 | 2646 | | 2748 | 1.17E-10 | 2850 | | 2952 | 1.11E-10 | 3054 | | 3156 | 1.07E-10 |
| 2036 | 1.18E-10 | 2138 | 8.78E-11 | 2240 | 7.87E-11 | 2342 | 9.57E-11 | 2444 | 1.15E-10 | 2546 | 1.19E-10 | 2648 | 1.14E-10 | 2750 | 1.16E-10 | 2852 | | 2954 | 1.07E-10 | 3056 | | 3158 | 1.04E-10 |
| 2038 | 1.08E-10 | 2140 | 8.40E-11 | 2242 | 7.06E-11 | 2344 | 8.74E-11 | 2446 | 1.13E-10 | 2548 | 1.20E-10 | 2650 | 1.17E-10 | 2752 | 1.19E-10 | 2854 | | 2956 | 1.07E-10 | 3058 | | 3160 | 1.02E-10 |
| 2040 | 9.62E-11 | 2142 | 8.34E-11 | 2244 | 7.57E-11 | 2346 | 8.40E-11 | 2448 | 1.12E-10 | 2550 | 1.24E-10 | 2652 | 1.24E-10 | 2754 | 1.20E-10 | 2856 | 1.10E-10 | 2958 | 1.07E-10 | 3060 | | 3162 | 1.02E-10 |
| 2042 | 1.20E-10 | 2144 | 7.74E-11 | 2246 | 8.12E-11 | 2348 | 8.31E-11 | 2450 | 1.15E-10 | 2552 | 1.26E-10 | 2654 | 1.25E-10 | 2756 | 1.20E-10 | 2858 | 1.12E-10 | 2960 | 1.07E-10 | 3062 | 1.01E-10 | 3164 | 1.04E-10 |
| 2044 | 1.09E-10 | 2146 | 7.72E-11 | 2248 | 8.05E-11 | 2350 | 9.47E-11 | 2452 | 1.16E-10 | 2554 | 1.21E-10 | 2656 | 1.22E-10 | 2758 | 1.19E-10 | 2860 | 1.14E-10 | 2962 | 1.08E-10 | 3064 | 1.00E-10 | 3166 | 1.06E-10 |
| 2046 | 9.21E-11 | 2148 | 7.78E-11 | 2250 | 7.02E-11 | 2352 | 9.55E-11 | 2454 | 1.13E-10 | 2556 | 1.19E-10 | 2658 | 1.22E-10 | 2760 | 1.18E-10 | 2862 | 1.14E-10 | 2964 | 1.08E-10 | 3066 | 1.00E-10 | 3168 | 1.03E-10 |
| 2048 | 1.04E-10 | 2150 | 6.61E-11 | 2252 | 7.04E-11 | 2354 | 9.39E-11 | 2456 | 1.10E-10 | 2558 | 1.22E-10 | 2660 | 1.20E-10 | 2762 | 1.16E-10 | 2864 | 1.13E-10 | 2966 | 1.10E-10 | 3068 | 1.01E-10 | 3170 | 1.02E-10 |
| 2050 | 1.02E-10 | 2152 | 6.95E-11 | 2254 | 7.98E-11 | 2356 | 9.15E-11 | 2458 | 1.09E-10 | 2560 | 1.17E-10 | 2662 | 1.13E-10 | 2764 | 1.17E-10 | 2866 | 1.14E-10 | 2968 | 1.09E-10 | 3070 | 1.02E-10 | 3172 | 1.00E-10 |
| 2052 | 1.10E-10 | 2154 | 8.32E-11 | 2256 | 7.98E-11 | 2358 | 9.55E-11 | 2460 | 1.19E-10 | 2562 | 1.19E-10 | 2664 | 1.14E-10 | 2766 | 1.18E-10 | 2868 | 1.12E-10 | 2970 | 1.08E-10 | 3072 | 1.03E-10 | 3174 | 1.00E-10 |
| 2054 | 1.19E-10 | 2156 | 6.98E-11 | 2258 | 8.11E-11 | 2360 | 9.89E-11 | 2462 | 1.16E-10 | 2564 | 1.21E-10 | 2666 | 1.14E-10 | 2768 | 1.17E-10 | 2870 | 1.13E-10 | 2972 | 1.08E-10 | 3074 | 1.04E-10 | 3176 | 1.03E-10 |
| 2056 | 1.23E-10 | 2158 | 7.97E-11 | 2260 | 7.57E-11 | 2362 | 9.98E-11 | 2464 | 1.15E-10 | 2566 | 1.19E-10 | 2668 | 1.14E-10 | 2770 | 1.16E-10 | 2872 | 1.16E-10 | 2974 | 1.10E-10 | 3076 | 1.05E-10 | 3178 | 1.05E-10 |
| 2058 | 1.14E-10 | 2160 | 8.20E-11 | 2262 | 7.41E-11 | 2364 | 9.44E-11 | 2466 | 1.13E-10 | 2568 | 1.23E-10 | 2670 | 1.15E-10 | 2772 | 1.19E-10 | 2874 | 1.15E-10 | 2976 | 1.12E-10 | 3078 | 1.02E-10 | 3180 | 1.06E-10 |
| 2060 | 9.73E-11 | 2162 | 6.50E-11 | 2264 | 7.64E-11 | 2366 | 9.93E-11 | 2468 | 1.16E-10 | 2570 | 1.22E-10 | 2672 | 1.15E-10 | 2774 | 1.19E-10 | 2876 | 1.15E-10 | 2978 | 1.11E-10 | 3080 | 1.00E-10 | 3182 | 1.04E-10 |
| 2062 | 7.41E-11 | 2164 | 6.40E-11 | 2266 | 7.91E-11 | 2368 | 9.80E-11 | 2470 | 1.17E-10 | 2572 | 1.19E-10 | 2674 | 1.15E-10 | 2776 | 1.17E-10 | 2878 | 1.14E-10 | 2980 | 1.08E-10 | 3082 | 1.02E-10 | 3184 | 1.01E-10 |
| 2064 | 8.57E-11 | 2166 | 6.58E-11 | 2268 | 8.02E-11 | 2370 | 9.53E-11 | 2472 | 1.14E-10 | 2574 | 1.18E-10 | 2676 | 1.16E-10 | 2778 | 1.17E-10 | 2880 | 1.12E-10 | 2982 | 1.05E-10 | 3084 | 1.04E-10 | 3186 | 1.02E-10 |
| 2066 | 9.44E-11 | 2168 | 7.20E-11 | 2270 | 7.84E-11 | 2372 | 9.94E-11 | 2474 | 1.11E-10 | 2576 | 1.13E-10 | 2678 | 1.16E-10 | 2780 | 1.15E-10 | 2882 | 1.12E-10 | 2984 | 1.07E-10 | 3086 | 1.05E-10 | 3188 | 1.07E-10 |
| 2068 | 8.12E-11 | 2170 | 7.78E-11 | 2272 | 7.12E-11 | 2374 | 1.02E-10 | 2476 | 1.09E-10 | 2578 | 1.14E-10 | 2680 | 1.14E-10 | 2782 | 1.16E-10 | 2884 | 1.12E-10 | 2986 | 1.06E-10 | 3088 | 1.06E-10 | 3190 | 1.11E-10 |
| 2070 | 8.61E-11 | 2172 | 7.32E-11 | 2274 | 8.25E-11 | 2376 | 9.92E-11 | 2478 | 1.14E-10 | 2580 | 1.19E-10 | 2682 | 1.13E-10 | 2784 | 1.17E-10 | 2886 | 1.14E-10 | 2988 | 1.05E-10 | 3090 | 1.05E-10 | 3192 | 1.06E-10 |
| 2072 | 8.45E-11 | 2174 | 7.57E-11 | 2276 | 8.94E-11 | 2378 | 9.64E-11 | 2480 | 1.13E-10 | 2582 | 1.18E-10 | 2684 | 1.17E-10 | 2786 | 1.14E-10 | 2888 | 1.17E-10 | 2990 | 1.05E-10 | 3092 | 1.05E-10 | 3194 | 9.97E-11 |
| 2074 | 9.84E-11 | 2176 | 7.94E-11 | 2278 | 7.97E-11 | 2380 | 1.05E-10 | 2482 | 1.09E-10 | 2584 | 1.19E-10 | 2686 | 1.18E-10 | 2788 | 1.12E-10 | 2890 | 1.14E-10 | 2992 | 1.06E-10 | 3094 | 1.08E-10 | 3196 | 1.02E-10 |
| 2076 | 1.15E-10 | 2178 | 6.89E-11 | 2280 | 8.35E-11 | 2382 | 1.03E-10 | 2484 | 1.11E-10 | 2586 | 1.15E-10 | 2688 | 1.17E-10 | 2790 | 1.10E-10 | 2892 | 1.12E-10 | 2994 | 1.06E-10 | 3096 | 1.07E-10 | 3198 | 1.06E-10 |


HD 209975 09.5 Ib V=5.11 (B−V)=0.08 E(B−V)=0.35
LAP: LWP 12662
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 149038 O9.7 Iab V=4.98 (B-V)=0.02 E(B-V)=0.29**

**LAP: SWP 31624**

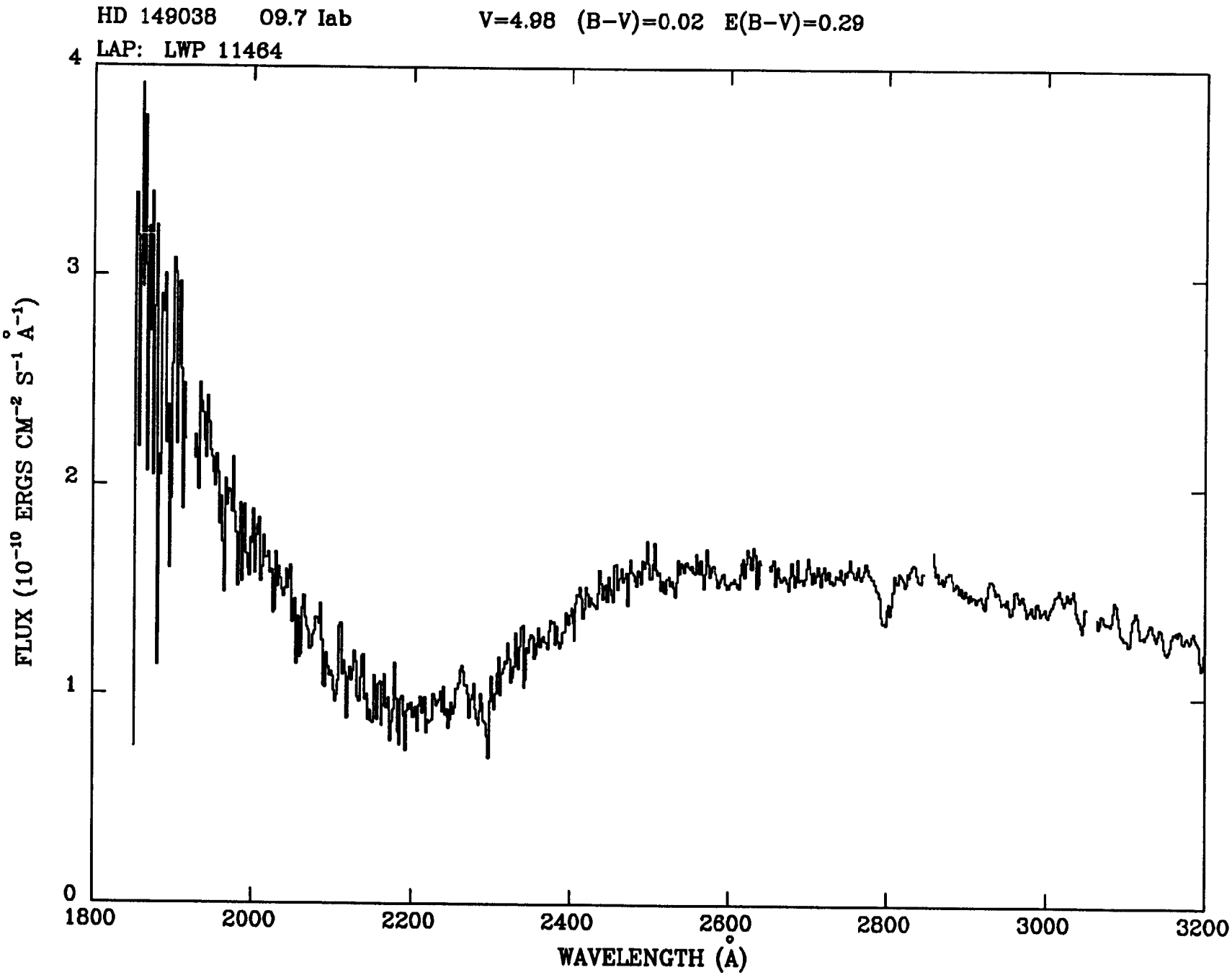
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 2.63E-10 | 1222 | 2.28E-10 | 1292 | 4.60E-10 | 1362 | 4.60E-10 | 1432 | 4.09E-10 | 1502 | 3.69E-10 | 1572 | 3.10E-10 | 1642 | 2.93E-10 | 1712 | 2.58E-10 | 1782 | 2.75E-10 | 1852 | 2.20E-10 | 1922 | |
| 1154 | 2.71E-10 | 1224 | 2.56E-10 | 1294 | 4.20E-10 | 1364 | 4.83E-10 | 1434 | 4.11E-10 | 1504 | 4.02E-10 | 1574 | 2.98E-10 | 1644 | 3.00E-10 | 1714 | 2.40E-10 | 1784 | 2.78E-10 | 1854 | 2.20E-10 | 1924 | |
| 1156 | 2.98E-10 | 1226 | 2.28E-10 | 1296 | 4.05E-10 | 1366 | 4.71E-10 | 1436 | 4.02E-10 | 1506 | 3.90E-10 | 1576 | 3.11E-10 | 1646 | 2.96E-10 | 1716 | 2.14E-10 | 1786 | 2.68E-10 | 1856 | 2.21E-10 | 1926 | |
| 1158 | 3.58E-10 | 1228 | 1.69E-10 | 1298 | 4.10E-10 | 1368 | 4.40E-10 | 1438 | 3.83E-10 | 1508 | 4.11E-10 | 1578 | 3.20E-10 | 1648 | 2.77E-10 | 1718 | 2.21E-10 | 1788 | 2.56E-10 | 1858 | 2.24E-10 | 1928 | 1.78E-10 |
| 1160 | 3.54E-10 | 1230 | 1.46E-10 | 1300 | 4.16E-10 | 1370 | 4.37E-10 | 1440 | 3.89E-10 | 1510 | 3.93E-10 | 1580 | 3.23E-10 | 1650 | 2.70E-10 | 1720 | 2.28E-10 | 1790 | | 1860 | 2.28E-10 | 1930 | 1.89E-10 |
| 1162 | 3.36E-10 | 1232 | 1.79E-10 | 1302 | 4.83E-10 | 1372 | 4.70E-10 | 1442 | 3.85E-10 | 1512 | 3.97E-10 | 1582 | 3.18E-10 | 1652 | 2.59E-10 | 1722 | 2.24E-10 | 1792 | | 1862 | 2.36E-10 | 1932 | 1.92E-10 |
| 1164 | 2.62E-10 | 1234 | 2.59E-10 | 1304 | 5.16E-10 | 1374 | 4.47E-10 | 1444 | 3.89E-10 | 1514 | 3.90E-10 | 1584 | 3.34E-10 | 1654 | 2.42E-10 | 1724 | 2.36E-10 | 1794 | 2.53E-10 | 1864 | 2.37E-10 | 1934 | 1.94E-10 |
| 1166 | 1.88E-10 | 1236 | 3.92E-10 | 1306 | 5.14E-10 | 1376 | 4.36E-10 | 1446 | 3.88E-10 | 1516 | 3.98E-10 | 1586 | 3.45E-10 | 1656 | 2.31E-10 | 1726 | 2.57E-10 | 1796 | 2.59E-10 | 1866 | 2.31E-10 | 1936 | 1.86E-10 |
| 1168 | 1.48E-10 | 1238 | 5.32E-10 | 1308 | 5.20E-10 | 1378 | 4.29E-10 | 1448 | 3.97E-10 | 1518 | 3.84E-10 | 1588 | 3.10E-10 | 1658 | 2.34E-10 | 1728 | 2.73E-10 | 1798 | 2.63E-10 | 1868 | 2.19E-10 | 1938 | 1.83E-10 |
| 1170 | 1.76E-10 | 1240 | 5.78E-10 | 1310 | 4.71E-10 | 1380 | 3.51E-10 | 1450 | 3.71E-10 | 1520 | 3.60E-10 | 1590 | 2.93E-10 | 1660 | | 1730 | 2.91E-10 | 1800 | 2.64E-10 | 1870 | 2.10E-10 | 1940 | 1.86E-10 |
| 1172 | 2.64E-10 | 1242 | 5.33E-10 | 1312 | 4.89E-10 | 1382 | 2.46E-10 | 1452 | 3.71E-10 | 1522 | 3.10E-10 | 1592 | 2.94E-10 | 1662 | | 1732 | 3.00E-10 | 1802 | 2.56E-10 | 1872 | 2.09E-10 | 1942 | 1.89E-10 |
| 1174 | 3.54E-10 | 1244 | 4.68E-10 | 1314 | 5.02E-10 | 1384 | 1.50E-10 | 1454 | 3.52E-10 | 1524 | 2.95E-10 | 1594 | 3.01E-10 | 1664 | 2.88E-10 | 1734 | 2.91E-10 | 1804 | 2.44E-10 | 1874 | 2.17E-10 | 1944 | 1.86E-10 |
| 1176 | 3.76E-10 | 1246 | 4.50E-10 | 1316 | 4.67E-10 | 1386 | 1.52E-10 | 1456 | 3.51E-10 | 1526 | 3.07E-10 | 1596 | 2.98E-10 | 1666 | 2.64E-10 | 1736 | 2.85E-10 | 1806 | 2.42E-10 | 1876 | 2.28E-10 | 1946 | 1.81E-10 |
| 1178 | 3.41E-10 | 1248 | 4.28E-10 | 1318 | 4.81E-10 | 1388 | 2.21E-10 | 1458 | 3.59E-10 | 1528 | 2.77E-10 | 1598 | 2.78E-10 | 1668 | 2.50E-10 | 1738 | 2.75E-10 | 1808 | 2.48E-10 | 1878 | 2.22E-10 | 1948 | 1.79E-10 |
| 1180 | 3.05E-10 | 1250 | 4.35E-10 | 1320 | 4.99E-10 | 1390 | 2.91E-10 | 1460 | 3.73E-10 | 1530 | 2.44E-10 | 1600 | 2.56E-10 | 1670 | 2.47E-10 | 1740 | 2.77E-10 | 1810 | 2.58E-10 | 1880 | 2.09E-10 | 1950 | 1.72E-10 |
| 1182 | 2.90E-10 | 1252 | 4.04E-10 | 1322 | 4.99E-10 | 1392 | 2.71E-10 | 1462 | 3.89E-10 | 1532 | 2.20E-10 | 1602 | 2.34E-10 | 1672 | 2.68E-10 | 1742 | 2.85E-10 | 1812 | 2.61E-10 | 1882 | 2.03E-10 | 1952 | 1.66E-10 |
| 1184 | 2.96E-10 | 1254 | 4.23E-10 | 1324 | | 1394 | 2.54E-10 | 1464 | 3.88E-10 | 1534 | 1.91E-10 | 1604 | 2.43E-10 | 1674 | 3.01E-10 | 1744 | 2.90E-10 | 1814 | 2.64E-10 | 1884 | 1.97E-10 | 1954 | 1.65E-10 |
| 1186 | 3.00E-10 | 1256 | 4.25E-10 | 1326 | | 1396 | 2.71E-10 | 1466 | 3.93E-10 | 1536 | 1.06E-10 | 1606 | 2.33E-10 | 1676 | 3.16E-10 | 1746 | 2.88E-10 | 1816 | 2.58E-10 | 1886 | 1.96E-10 | 1956 | 1.65E-10 |
| 1188 | 2.70E-10 | 1258 | 4.49E-10 | 1328 | 4.56E-10 | 1398 | 3.80E-10 | 1468 | 4.10E-10 | 1538 | 5.88E-11 | 1608 | 2.20E-10 | 1678 | 3.23E-10 | 1748 | 2.78E-10 | 1818 | 2.57E-10 | 1888 | 1.98E-10 | 1958 | 1.66E-10 |
| 1190 | 2.60E-10 | 1260 | 4.84E-10 | 1330 | 4.54E-10 | 1400 | 5.13E-10 | 1470 | 4.16E-10 | 1540 | 4.98E-11 | 1610 | 2.22E-10 | 1680 | 3.23E-10 | 1750 | 2.65E-10 | 1820 | 2.56E-10 | 1890 | 2.01E-10 | 1960 | 1.70E-10 |
| 1192 | | 1262 | 4.90E-10 | 1332 | 4.17E-10 | 1402 | 5.69E-10 | 1472 | 4.25E-10 | 1542 | 8.78E-11 | 1612 | 2.24E-10 | 1682 | 3.16E-10 | 1752 | 2.82E-10 | 1822 | 2.55E-10 | 1892 | 2.01E-10 | 1962 | 1.69E-10 |
| 1194 | | 1264 | 4.91E-10 | 1334 | 4.29E-10 | 1404 | 5.30E-10 | 1474 | 4.17E-10 | 1544 | 1.62E-10 | 1614 | 2.19E-10 | 1684 | 3.03E-10 | 1754 | 2.99E-10 | 1824 | 2.49E-10 | 1894 | 2.03E-10 | 1964 | 1.71E-10 |
| 1196 | 1.64E-10 | 1266 | 4.68E-10 | 1336 | 4.48E-10 | 1406 | 4.74E-10 | 1476 | 4.06E-10 | 1546 | 2.68E-10 | 1616 | 2.31E-10 | 1686 | 2.86E-10 | 1756 | 2.95E-10 | 1826 | 2.56E-10 | 1896 | 2.08E-10 | 1966 | 1.75E-10 |
| 1198 | 1.60E-10 | 1268 | 4.96E-10 | 1338 | 4.60E-10 | 1408 | 4.37E-10 | 1478 | 4.19E-10 | 1548 | 3.66E-10 | 1618 | 2.34E-10 | 1688 | 2.83E-10 | 1758 | 2.91E-10 | 1828 | 2.64E-10 | 1898 | 2.10E-10 | 1968 | 1.79E-10 |
| 1200 | 1.65E-10 | 1270 | 5.06E-10 | 1340 | 4.52E-10 | 1410 | 4.17E-10 | 1480 | 4.15E-10 | 1550 | 4.24E-10 | 1620 | 2.56E-10 | 1690 | 2.74E-10 | 1760 | 2.86E-10 | 1830 | 2.75E-10 | 1900 | 2.12E-10 | 1970 | 1.79E-10 |
| 1202 | 1.79E-10 | 1272 | 4.78E-10 | 1342 | 4.22E-10 | 1412 | 4.03E-10 | 1482 | 4.14E-10 | 1552 | 4.30E-10 | 1622 | 2.51E-10 | 1692 | 2.71E-10 | 1762 | 2.80E-10 | 1832 | 2.79E-10 | 1902 | 2.09E-10 | 1972 | 1.76E-10 |
| 1204 | 1.43E-10 | 1274 | 4.87E-10 | 1344 | 4.64E-10 | 1414 | 3.63E-10 | 1484 | 4.35E-10 | 1554 | 3.83E-10 | 1624 | 2.42E-10 | 1694 | 2.67E-10 | 1764 | 2.80E-10 | 1834 | 2.74E-10 | 1904 | 2.02E-10 | 1974 | 1.71E-10 |
| 1206 | 9.67E-11 | 1276 | 4.95E-10 | 1346 | 4.49E-10 | 1416 | 3.61E-10 | 1486 | 4.17E-10 | 1556 | 3.22E-10 | 1626 | 2.22E-10 | 1696 | 2.64E-10 | 1766 | 2.83E-10 | 1836 | 2.55E-10 | 1906 | 2.00E-10 | | |
| 1208 | 7.09E-11 | 1278 | 4.79E-10 | 1348 | 4.80E-10 | 1418 | 3.81E-10 | 1488 | 4.12E-10 | 1558 | 2.79E-10 | 1628 | 2.25E-10 | 1698 | 2.62E-10 | 1768 | 2.92E-10 | 1838 | 2.42E-10 | 1908 | 1.98E-10 | | |
| 1210 | 2.83E-11 | 1280 | 4.81E-10 | 1350 | 4.80E-10 | 1420 | 3.91E-10 | 1490 | 4.10E-10 | 1560 | 2.49E-10 | 1630 | 2.43E-10 | 1700 | 2.73E-10 | 1770 | 3.00E-10 | 1840 | 2.31E-10 | 1910 | 1.92E-10 | | |
| 1212 | 2.00E-11 | 1282 | 4.93E-10 | 1352 | 4.72E-10 | 1422 | 3.66E-10 | 1492 | 3.96E-10 | 1562 | 2.68E-10 | 1632 | 2.76E-10 | 1702 | 2.75E-10 | 1772 | 3.03E-10 | 1842 | 2.27E-10 | 1912 | 1.86E-10 | | |
| 1214 | 3.20E-11 | 1284 | 4.85E-10 | 1354 | 4.32E-10 | 1424 | 3.43E-10 | 1494 | 3.89E-10 | 1564 | 2.63E-10 | 1634 | 2.79E-10 | 1704 | 2.73E-10 | 1774 | 2.94E-10 | 1844 | 2.33E-10 | 1914 | 1.82E-10 | | |
| 1216 | 5.17E-11 | 1286 | 5.11E-10 | 1356 | 4.58E-10 | 1426 | 3.36E-10 | 1496 | 3.81E-10 | 1566 | 2.74E-10 | 1636 | 2.64E-10 | 1706 | 2.71E-10 | 1776 | 2.79E-10 | 1846 | 2.32E-10 | 1916 | 1.84E-10 | | |
| 1218 | 9.70E-11 | 1288 | 5.14E-10 | 1358 | 4.45E-10 | 1428 | 3.55E-10 | 1498 | 3.61E-10 | 1568 | 3.02E-10 | 1638 | 2.58E-10 | 1708 | 2.46E-10 | 1778 | 2.77E-10 | 1848 | 2.23E-10 | 1918 | 1.81E-10 | | |
| 1220 | 1.71E-10 | 1290 | 4.74E-10 | 1360 | 4.42E-10 | 1430 | 3.95E-10 | 1500 | 3.56E-10 | 1570 | 3.21E-10 | 1640 | 2.80E-10 | 1710 | 2.49E-10 | 1780 | 2.76E-10 | 1850 | 2.19E-10 | 1920 | 1.78E-10 | | |


HD 149038 09.7 Iab V=4.98 (B-V)=0.02 E(B-V)=0.29
LAP: SWP 31624
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 149038 O9.7 Iab V=4.98 (B-V)=0.02 E(B-V)=0.29**

**LAP: LWP 11464**

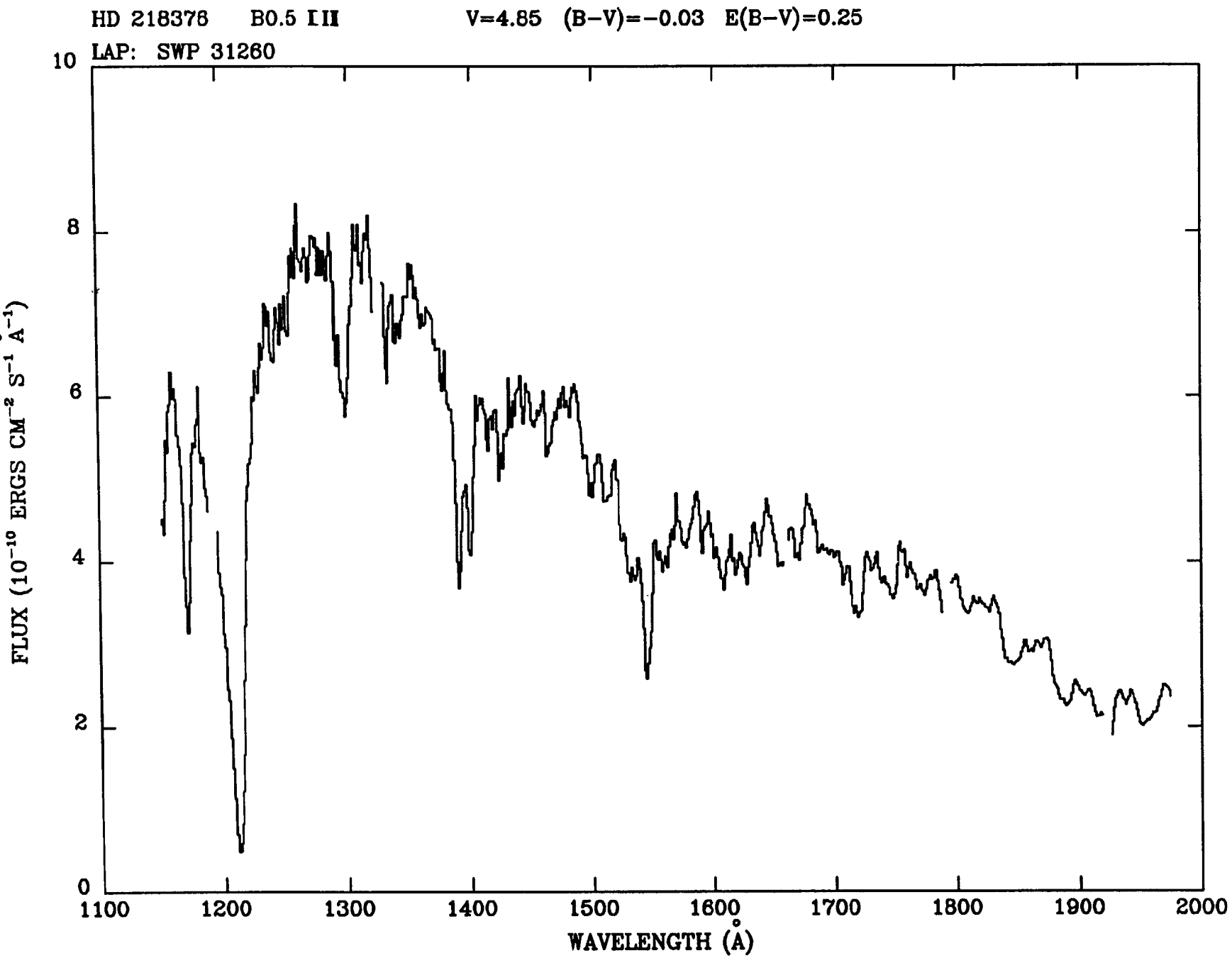
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.03E-10 | 2078 | 1.30E-10 | 2180 | 1.15E-10 | 2282 | 9.07E-11 | 2384 | 1.32E-10 | 2486 | 1.58E-10 | 2588 | 1.54E-10 | 2690 | 1.58E-10 | 2792 | 1.44E-10 | 2894 | 1.53E-10 | 2996 | 1.41E-10 | 3098 | 1.28E-10 |
| 1978 | 1.96E-10 | 2080 | 1.34E-10 | 2182 | 9.59E-11 | 2284 | 8.69E-11 | 2386 | 1.25E-10 | 2488 | 1.59E-10 | 2590 | 1.56E-10 | 2692 | 1.57E-10 | 2794 | 1.37E-10 | 2896 | 1.49E-10 | 2998 | 1.43E-10 | 3100 | 1.28E-10 |
| 1980 | 1.80E-10 | 2082 | 1.37E-10 | 2184 | 8.09E-11 | 2286 | 9.08E-11 | 2388 | 1.24E-10 | 2490 | 1.55E-10 | 2592 | 1.58E-10 | 2694 | 1.57E-10 | 2796 | 1.36E-10 | 2898 | 1.49E-10 | 3000 | 1.41E-10 | 3102 | 1.28E-10 |
| 1982 | 1.58E-10 | 2084 | 1.35E-10 | 2186 | 8.17E-11 | 2288 | 9.92E-11 | 2390 | 1.27E-10 | 2492 | 1.64E-10 | 2594 | 1.59E-10 | 2696 | 1.54E-10 | 2798 | 1.35E-10 | 2900 | 1.51E-10 | 3002 | 1.39E-10 | 3104 | 1.26E-10 |
| 1984 | 1.73E-10 | 2086 | 1.41E-10 | 2188 | 9.87E-11 | 2290 | 9.70E-11 | 2392 | 1.31E-10 | 2494 | 1.62E-10 | 2596 | 1.56E-10 | 2698 | 1.58E-10 | 2800 | 1.40E-10 | 2902 | 1.49E-10 | 3004 | 1.40E-10 | 3106 | 1.29E-10 |
| 1986 | 1.90E-10 | 2088 | 1.30E-10 | 2190 | 9.56E-11 | 2292 | 8.81E-11 | 2394 | 1.35E-10 | 2496 | 1.66E-10 | 2598 | 1.53E-10 | 2700 | 1.63E-10 | 2802 | 1.44E-10 | 2904 | 1.48E-10 | 3006 | 1.43E-10 | 3108 | 1.35E-10 |
| 1988 | 1.57E-10 | 2090 | 1.08E-10 | 2192 | 8.25E-11 | 2294 | 8.65E-11 | 2396 | 1.39E-10 | 2498 | 1.73E-10 | 2600 | 1.52E-10 | 2702 | 1.66E-10 | 2804 | 1.41E-10 | 2906 | 1.49E-10 | 3008 | 1.44E-10 | 3110 | 1.38E-10 |
| 1990 | 1.83E-10 | 2092 | 1.04E-10 | 2194 | 8.39E-11 | 2296 | 7.93E-11 | 2398 | 1.36E-10 | 2500 | 1.62E-10 | 2602 | 1.54E-10 | 2704 | 1.62E-10 | 2806 | 1.43E-10 | 2908 | 1.48E-10 | 3010 | 1.46E-10 | 3112 | 1.40E-10 |
| 1992 | 1.87E-10 | 2094 | 1.20E-10 | 2196 | 9.44E-11 | 2298 | 7.41E-11 | 2400 | 1.38E-10 | 2502 | 1.57E-10 | 2604 | 1.55E-10 | 2706 | 1.58E-10 | 2808 | 1.50E-10 | 2910 | 1.48E-10 | 3012 | 1.49E-10 | 3114 | 1.40E-10 |
| 1994 | 1.66E-10 | 2096 | 1.13E-10 | 2198 | 9.41E-11 | 2300 | 1.00E-10 | 2402 | 1.41E-10 | 2504 | 1.59E-10 | 2606 | 1.55E-10 | 2708 | 1.57E-10 | 2810 | 1.58E-10 | 2912 | 1.47E-10 | 3014 | 1.49E-10 | 3116 | 1.36E-10 |
| 1996 | 1.59E-10 | 2098 | 1.10E-10 | 2200 | 9.56E-11 | 2302 | 1.06E-10 | 2404 | 1.36E-10 | 2506 | 1.68E-10 | 2608 | 1.57E-10 | 2710 | 1.58E-10 | 2812 | 1.55E-10 | 2914 | 1.47E-10 | 3016 | 1.50E-10 | 3118 | 1.31E-10 |
| 1998 | 1.63E-10 | 2100 | 1.11E-10 | 2202 | 9.07E-11 | 2304 | 9.60E-11 | 2406 | 1.28E-10 | 2508 | 1.68E-10 | 2610 | 1.55E-10 | 2712 | 1.57E-10 | 2814 | 1.55E-10 | 2916 | 1.48E-10 | 3018 | 1.51E-10 | 3120 | 1.30E-10 |
| 2000 | 1.73E-10 | 2102 | 1.07E-10 | 2204 | 8.96E-11 | 2306 | 9.69E-11 | 2408 | 1.44E-10 | 2510 | 1.60E-10 | 2612 | 1.53E-10 | 2714 | 1.61E-10 | 2816 | 1.59E-10 | 2918 | 1.48E-10 | 3020 | 1.48E-10 | 3122 | 1.30E-10 |
| 2002 | 1.86E-10 | 2104 | 9.99E-11 | 2206 | 9.41E-11 | 2308 | 1.06E-10 | 2410 | 1.49E-10 | 2512 | 1.59E-10 | 2614 | 1.53E-10 | 2716 | 1.60E-10 | 2818 | 1.58E-10 | 2920 | 1.46E-10 | 3022 | 1.46E-10 | 3124 | 1.29E-10 |
| 2004 | 1.61E-10 | 2106 | 9.82E-11 | 2208 | 8.35E-11 | 2310 | 1.15E-10 | 2412 | 1.49E-10 | 2514 | 1.54E-10 | 2616 | 1.60E-10 | 2718 | 1.55E-10 | 2820 | 1.57E-10 | 2922 | 1.44E-10 | 3024 | 1.46E-10 | 3126 | 1.31E-10 |
| 2006 | 1.75E-10 | 2108 | 1.04E-10 | 2210 | 9.55E-11 | 2312 | 1.07E-10 | 2414 | 1.51E-10 | 2516 | 1.54E-10 | 2618 | 1.65E-10 | 2720 | 1.59E-10 | 2822 | 1.55E-10 | 2924 | 1.43E-10 | 3026 | 1.49E-10 | 3128 | 1.32E-10 |
| 2008 | 1.81E-10 | 2110 | 1.22E-10 | 2212 | 9.80E-11 | 2314 | 1.08E-10 | 2416 | 1.44E-10 | 2518 | 1.51E-10 | 2620 | 1.63E-10 | 2722 | 1.62E-10 | 2824 | 1.54E-10 | 2926 | 1.49E-10 | 3028 | 1.49E-10 | 3130 | 1.35E-10 |
| 2010 | 1.80E-10 | 2112 | 1.34E-10 | 2214 | 9.27E-11 | 2316 | 1.13E-10 | 2418 | 1.39E-10 | 2520 | 1.50E-10 | 2622 | 1.62E-10 | 2724 | 1.57E-10 | 2826 | 1.57E-10 | 2928 | 1.54E-10 | 3030 | 1.47E-10 | 3132 | 1.36E-10 |
| 2012 | 1.56E-10 | 2114 | 1.16E-10 | 2216 | 9.72E-11 | 2318 | 1.16E-10 | 2420 | 1.47E-10 | 2522 | 1.56E-10 | 2624 | 1.68E-10 | 2726 | 1.58E-10 | 2828 | 1.58E-10 | 2930 | 1.56E-10 | 3032 | 1.49E-10 | 3134 | 1.34E-10 |
| 2014 | 1.65E-10 | 2116 | 1.15E-10 | 2218 | 9.31E-11 | 2320 | 1.16E-10 | 2422 | 1.51E-10 | 2524 | 1.56E-10 | 2626 | 1.69E-10 | 2728 | 1.60E-10 | 2830 | 1.60E-10 | 2932 | 1.56E-10 | 3034 | 1.51E-10 | 3136 | 1.31E-10 |
| 2016 | 1.72E-10 | 2118 | 1.12E-10 | 2220 | 8.49E-11 | 2322 | 1.24E-10 | 2424 | 1.46E-10 | 2526 | 1.57E-10 | 2628 | 1.64E-10 | 2730 | 1.55E-10 | 2832 | 1.62E-10 | 2934 | 1.54E-10 | 3036 | 1.48E-10 | 3138 | 1.29E-10 |
| 2018 | 1.66E-10 | 2120 | 9.00E-11 | 2222 | 8.76E-11 | 2324 | 1.17E-10 | 2426 | 1.46E-10 | 2528 | 1.54E-10 | 2630 | 1.61E-10 | 2732 | 1.56E-10 | 2834 | 1.64E-10 | 2936 | 1.51E-10 | 3038 | 1.42E-10 | 3140 | 1.30E-10 |
| 2020 | 1.67E-10 | 2122 | 1.09E-10 | 2224 | 8.74E-11 | 2326 | 1.07E-10 | 2428 | 1.46E-10 | 2530 | 1.55E-10 | 2632 | 1.69E-10 | 2734 | 1.55E-10 | 2836 | 1.63E-10 | 2938 | 1.50E-10 | 3040 | 1.39E-10 | 3142 | 1.33E-10 |
| 2022 | 1.63E-10 | 2124 | 1.13E-10 | 2226 | 8.80E-11 | 2328 | 1.10E-10 | 2430 | 1.44E-10 | 2532 | 1.51E-10 | 2634 | 1.69E-10 | 2736 | 1.56E-10 | 2838 | 1.59E-10 | 2940 | 1.50E-10 | 3042 | 1.37E-10 | 3144 | 1.33E-10 |
| 2024 | 1.59E-10 | 2126 | 1.08E-10 | 2228 | 9.68E-11 | 2330 | 1.19E-10 | 2432 | 1.44E-10 | 2534 | 1.51E-10 | 2636 | 1.54E-10 | 2738 | 1.58E-10 | 2840 | 1.56E-10 | 2942 | 1.49E-10 | 3044 | 1.34E-10 | 3146 | 1.31E-10 |
| 2026 | 1.46E-10 | 2128 | 1.14E-10 | 2230 | 9.88E-11 | 2332 | 1.27E-10 | 2434 | 1.42E-10 | 2536 | 1.60E-10 | 2638 | 1.55E-10 | 2740 | 1.57E-10 | 2842 | 1.55E-10 | 2944 | 1.46E-10 | 3046 | 1.33E-10 | 3148 | 1.26E-10 |
| 2028 | 1.40E-10 | 2130 | 1.20E-10 | 2232 | 9.55E-11 | 2334 | 1.18E-10 | 2436 | 1.49E-10 | 2538 | 1.62E-10 | 2640 | 1.65E-10 | 2742 | 1.60E-10 | 2844 | 1.56E-10 | 2946 | 1.45E-10 | 3048 | 1.39E-10 | 3150 | 1.23E-10 |
| 2030 | 1.63E-10 | 2132 | 1.10E-10 | 2234 | 9.62E-11 | 2336 | 1.18E-10 | 2438 | 1.60E-10 | 2540 | 1.62E-10 | 2642 | 1.64E-10 | 2744 | 1.58E-10 | 2846 | 1.60E-10 | 2948 | 1.46E-10 | 3050 | 1.43E-10 | 3152 | 1.22E-10 |
| 2032 | 1.54E-10 | 2134 | 9.80E-11 | 2236 | 9.80E-11 | 2338 | 1.29E-10 | 2440 | 1.53E-10 | 2542 | 1.63E-10 | 2644 | | 2746 | 1.55E-10 | 2848 | 1.60E-10 | 2950 | 1.45E-10 | 3052 | 1.43E-10 | 3154 | 1.23E-10 |
| 2034 | 1.61E-10 | 2136 | 1.03E-10 | 2238 | 1.01E-10 | 2340 | 1.33E-10 | 2442 | 1.48E-10 | 2544 | 1.60E-10 | 2646 | | 2748 | 1.59E-10 | 2850 | | 2952 | 1.47E-10 | 3054 | | 3156 | 1.26E-10 |
| 2036 | 1.55E-10 | 2138 | 1.14E-10 | 2240 | 9.39E-11 | 2342 | 1.14E-10 | 2444 | 1.52E-10 | 2546 | 1.63E-10 | 2648 | | 2750 | 1.58E-10 | 2852 | | 2954 | 1.44E-10 | 3056 | | 3158 | 1.30E-10 |
| 2038 | 1.49E-10 | 2140 | 1.19E-10 | 2242 | 1.01E-10 | 2344 | 1.07E-10 | 2446 | 1.51E-10 | 2548 | 1.64E-10 | 2650 | | 2752 | 1.61E-10 | 2854 | | 2956 | 1.40E-10 | 3058 | | 3160 | 1.32E-10 |
| 2040 | 1.48E-10 | 2142 | 1.04E-10 | 2244 | 9.14E-11 | 2346 | 1.20E-10 | 2448 | 1.50E-10 | 2550 | 1.63E-10 | 2652 | 1.63E-10 | 2754 | 1.66E-10 | 2856 | | 2958 | 1.41E-10 | 3060 | | 3162 | 1.32E-10 |
| 2042 | 1.53E-10 | 2144 | 9.96E-11 | 2246 | 9.02E-11 | 2348 | 1.21E-10 | 2450 | 1.55E-10 | 2552 | 1.61E-10 | 2654 | 1.62E-10 | 2756 | 1.61E-10 | 2858 | 1.70E-10 | 2960 | 1.46E-10 | 3062 | | 3164 | 1.32E-10 |
| 2044 | 1.57E-10 | 2146 | 9.00E-11 | 2248 | 8.61E-11 | 2350 | 1.27E-10 | 2452 | 1.50E-10 | 2554 | 1.63E-10 | 2656 | 1.63E-10 | 2758 | 1.60E-10 | 2860 | 1.65E-10 | 2962 | 1.51E-10 | 3064 | 1.38E-10 | 3166 | 1.32E-10 |
| 2046 | 1.53E-10 | 2148 | 9.24E-11 | 2250 | 9.25E-11 | 2352 | 1.29E-10 | 2454 | 1.47E-10 | 2556 | 1.60E-10 | 2658 | 1.65E-10 | 2760 | 1.58E-10 | 2862 | 1.60E-10 | 2964 | 1.50E-10 | 3066 | 1.34E-10 | 3168 | 1.33E-10 |
| 2048 | 1.58E-10 | 2150 | 8.77E-11 | 2252 | 9.36E-11 | 2354 | 1.27E-10 | 2456 | 1.57E-10 | 2558 | 1.61E-10 | 2660 | 1.57E-10 | 2762 | 1.58E-10 | 2864 | 1.60E-10 | 2966 | 1.47E-10 | 3068 | 1.36E-10 | 3170 | 1.30E-10 |
| 2050 | 1.48E-10 | 2152 | 8.89E-11 | 2254 | 9.29E-11 | 2356 | 1.19E-10 | 2458 | 1.63E-10 | 2560 | 1.67E-10 | 2662 | 1.57E-10 | 2764 | 1.62E-10 | 2866 | 1.56E-10 | 2968 | 1.47E-10 | 3070 | 1.40E-10 | 3172 | 1.27E-10 |
| 2052 | 1.37E-10 | 2154 | 1.08E-10 | 2256 | 1.00E-10 | 2358 | 1.22E-10 | 2460 | 1.54E-10 | 2562 | 1.62E-10 | 2664 | 1.62E-10 | 2766 | 1.61E-10 | 2868 | 1.56E-10 | 2970 | 1.48E-10 | 3072 | 1.39E-10 | 3174 | 1.29E-10 |
| 2054 | 1.43E-10 | 2156 | 9.66E-11 | 2258 | 1.03E-10 | 2360 | 1.28E-10 | 2462 | 1.55E-10 | 2564 | 1.62E-10 | 2666 | 1.58E-10 | 2768 | 1.57E-10 | 2870 | 1.57E-10 | 2972 | 1.47E-10 | 3074 | 1.37E-10 | 3176 | 1.30E-10 |
| 2056 | 1.24E-10 | 2158 | 9.34E-11 | 2260 | 1.05E-10 | 2362 | 1.29E-10 | 2464 | 1.57E-10 | 2566 | 1.62E-10 | 2668 | 1.56E-10 | 2770 | 1.58E-10 | 2872 | 1.55E-10 | 2974 | 1.44E-10 | 3076 | 1.36E-10 | 3178 | 1.29E-10 |
| 2058 | 1.32E-10 | 2160 | 1.06E-10 | 2262 | 1.12E-10 | 2364 | 1.25E-10 | 2466 | 1.61E-10 | 2568 | 1.55E-10 | 2670 | 1.57E-10 | 2772 | 1.60E-10 | 2874 | 1.57E-10 | 2976 | 1.40E-10 | 3078 | 1.36E-10 | 3180 | 1.27E-10 |
| 2060 | 1.21E-10 | 2162 | 9.71E-11 | 2264 | 1.14E-10 | 2366 | 1.28E-10 | 2468 | 1.55E-10 | 2570 | 1.57E-10 | 2672 | 1.58E-10 | 2774 | 1.63E-10 | 2876 | 1.59E-10 | 2978 | 1.41E-10 | 3080 | 1.36E-10 | 3182 | 1.28E-10 |
| 2062 | 1.19E-10 | 2164 | 9.03E-11 | 2266 | 1.11E-10 | 2368 | 1.27E-10 | 2470 | 1.57E-10 | 2572 | 1.67E-10 | 2674 | 1.56E-10 | 2776 | 1.62E-10 | 2878 | 1.59E-10 | 2980 | 1.42E-10 | 3082 | 1.36E-10 | 3184 | 1.31E-10 |
| 2064 | 1.41E-10 | 2166 | 1.03E-10 | 2268 | 1.05E-10 | 2370 | 1.26E-10 | 2472 | 1.55E-10 | 2574 | 1.65E-10 | 2676 | 1.54E-10 | 2778 | 1.59E-10 | 2880 | 1.60E-10 | 2982 | 1.44E-10 | 3084 | 1.39E-10 | 3186 | 1.32E-10 |
| 2066 | 1.46E-10 | 2168 | 9.96E-11 | 2270 | 1.04E-10 | 2372 | 1.23E-10 | 2474 | 1.48E-10 | 2576 | 1.58E-10 | 2678 | 1.54E-10 | 2780 | 1.59E-10 | 2882 | 1.58E-10 | 2984 | 1.40E-10 | 3086 | 1.45E-10 | 3188 | 1.29E-10 |
| 2068 | 1.36E-10 | 2170 | 9.38E-11 | 2272 | 9.79E-11 | 2374 | 1.30E-10 | 2476 | 1.62E-10 | 2578 | 1.60E-10 | 2680 | 1.61E-10 | 2782 | 1.57E-10 | 2884 | 1.54E-10 | 2986 | 1.40E-10 | 3088 | 1.45E-10 | 3190 | 1.27E-10 |
| 2070 | 1.32E-10 | 2172 | 9.75E-11 | 2274 | 9.25E-11 | 2376 | 1.35E-10 | 2478 | 1.63E-10 | 2580 | 1.63E-10 | 2682 | 1.61E-10 | 2784 | 1.57E-10 | 2886 | 1.53E-10 | 2988 | 1.45E-10 | 3090 | 1.41E-10 | 3192 | 1.24E-10 |
| 2072 | 1.28E-10 | 2174 | 8.23E-11 | 2276 | 9.90E-11 | 2378 | 1.35E-10 | 2480 | 1.59E-10 | 2582 | 1.63E-10 | 2684 | 1.55E-10 | 2786 | 1.54E-10 | 2888 | 1.54E-10 | 2990 | 1.45E-10 | 3092 | 1.36E-10 | 3194 | 1.17E-10 |
| 2074 | 1.22E-10 | 2176 | 8.56E-11 | 2278 | 1.03E-10 | 2380 | 1.35E-10 | 2482 | 1.57E-10 | 2584 | 1.59E-10 | 2686 | 1.55E-10 | 2788 | 1.51E-10 | 2890 | 1.54E-10 | 2992 | 1.42E-10 | 3094 | 1.32E-10 | 3196 | 1.16E-10 |
| 2076 | 1.26E-10 | 2178 | 9.27E-11 | 2280 | 9.90E-11 | 2382 | 1.26E-10 | 2484 | 1.54E-10 | 2586 | 1.56E-10 | 2688 | 1.63E-10 | 2790 | 1.50E-10 | 2892 | 1.51E-10 | 2994 | 1.40E-10 | 3096 | 1.30E-10 | 3198 | 1.19E-10 |


HD 149038 09.7 Iab V=4.98 (B−V)=0.02 E(B−V)=0.29
LAP: LWP 11464
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 218376 B0.5 III V=4.85 (B-V)=-0.03 E(B-V)=0.25**

**LAP: SWP 31260**

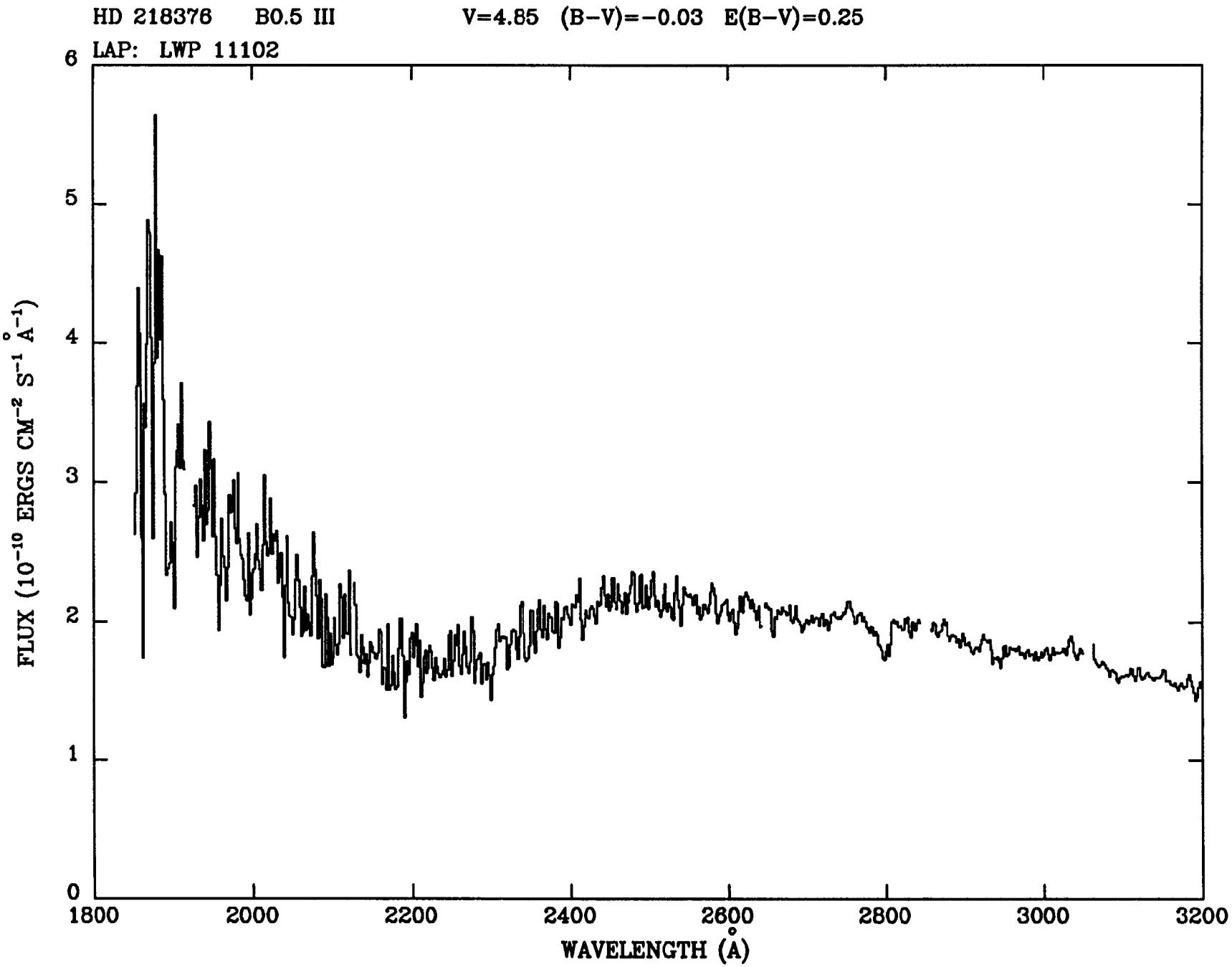
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 4.48E-10 | 1222 | 4.72E-10 | 1292 | 6.53E-10 | 1362 | 6.91E-10 | 1432 | 6.05E-10 | 1502 | 5.07E-10 | 1572 | 4.48E-10 | 1642 | 4.47E-10 | 1712 | 3.85E-10 | 1782 | 3.86E-10 | 1852 | 2.85E-10 | 1922 | |
| 1154 | 4.54E-10 | 1224 | 5.11E-10 | 1294 | 6.55E-10 | 1364 | 6.98E-10 | 1434 | 5.73E-10 | 1504 | 5.22E-10 | 1574 | 4.32E-10 | 1644 | 4.70E-10 | 1714 | 3.58E-10 | 1784 | 3.83E-10 | 1854 | 2.95E-10 | 1924 | |
| 1156 | 5.35E-10 | 1226 | 5.34E-10 | 1296 | 6.09E-10 | 1366 | 7.04E-10 | 1436 | 5.85E-10 | 1506 | 5.28E-10 | 1576 | 4.22E-10 | 1646 | 4.61E-10 | 1716 | 3.41E-10 | 1786 | 3.63E-10 | 1856 | 3.05E-10 | 1926 | 1.92E-10 |
| 1158 | 5.71E-10 | 1228 | 5.95E-10 | 1298 | 5.86E-10 | 1368 | 6.99E-10 | 1438 | 6.04E-10 | 1508 | 5.06E-10 | 1578 | 4.21E-10 | 1648 | 4.51E-10 | 1718 | 3.43E-10 | 1788 | 3.43E-10 | 1858 | 2.95E-10 | 1928 | 2.15E-10 |
| 1160 | 6.14E-10 | 1230 | 6.20E-10 | 1300 | 6.04E-10 | 1370 | 6.77E-10 | 1440 | 6.12E-10 | 1510 | 4.73E-10 | 1580 | 4.35E-10 | 1650 | 4.34E-10 | 1720 | 3.35E-10 | 1790 | | 1860 | 2.92E-10 | 1930 | 2.35E-10 |
| 1162 | 6.02E-10 | 1232 | 6.07E-10 | 1302 | 6.79E-10 | 1372 | 6.64E-10 | 1442 | 6.02E-10 | 1512 | 4.75E-10 | 1582 | 4.48E-10 | 1652 | 4.17E-10 | 1722 | 3.44E-10 | 1792 | | 1862 | 2.92E-10 | 1932 | 2.42E-10 |
| 1164 | 5.90E-10 | 1234 | 6.47E-10 | 1304 | 7.31E-10 | 1374 | 6.58E-10 | 1444 | 5.73E-10 | 1514 | 4.80E-10 | 1584 | 4.66E-10 | 1654 | 3.95E-10 | 1724 | 3.77E-10 | 1794 | 3.74E-10 | 1864 | 3.00E-10 | 1934 | 2.41E-10 |
| 1166 | 5.45E-10 | 1236 | 6.51E-10 | 1306 | 8.00E-10 | 1376 | 6.34E-10 | 1446 | 6.07E-10 | 1516 | 4.92E-10 | 1586 | 4.83E-10 | 1656 | 3.97E-10 | 1726 | 4.08E-10 | 1796 | 3.74E-10 | 1866 | 3.03E-10 | 1936 | 2.33E-10 |
| 1168 | 4.98E-10 | 1238 | 6.91E-10 | 1308 | 7.86E-10 | 1378 | 6.16E-10 | 1448 | 6.05E-10 | 1518 | 5.17E-10 | 1588 | 4.67E-10 | 1658 | 3.97E-10 | 1728 | 4.06E-10 | 1798 | 3.79E-10 | 1868 | 2.99E-10 | 1938 | 2.29E-10 |
| 1170 | 3.84E-10 | 1240 | 6.97E-10 | 1310 | 7.78E-10 | 1380 | 6.37E-10 | 1450 | 5.82E-10 | 1520 | 5.06E-10 | 1590 | 4.25E-10 | 1660 | | 1730 | 3.93E-10 | 1800 | 3.82E-10 | 1870 | 2.98E-10 | 1940 | 2.36E-10 |
| 1172 | 3.28E-10 | 1242 | 6.86E-10 | 1312 | 7.51E-10 | 1382 | 5.95E-10 | 1452 | 5.65E-10 | 1522 | 4.71E-10 | 1592 | 4.31E-10 | 1662 | 4.30E-10 | 1732 | 3.94E-10 | 1802 | 3.71E-10 | 1872 | 3.06E-10 | 1942 | 2.44E-10 |
| 1174 | 3.88E-10 | 1244 | 6.46E-10 | 1314 | 7.80E-10 | 1384 | 5.84E-10 | 1454 | 5.70E-10 | 1524 | 4.29E-10 | 1594 | 4.44E-10 | 1664 | 4.40E-10 | 1734 | 4.07E-10 | 1804 | 3.55E-10 | 1874 | 3.06E-10 | 1944 | 2.38E-10 |
| 1176 | 4.83E-10 | 1246 | 6.62E-10 | 1316 | 7.96E-10 | 1386 | 5.56E-10 | 1456 | 5.80E-10 | 1526 | 4.31E-10 | 1596 | 4.55E-10 | 1666 | 4.33E-10 | 1736 | 3.96E-10 | 1806 | 3.45E-10 | 1876 | 2.98E-10 | 1946 | 2.29E-10 |
| 1178 | 5.39E-10 | 1248 | 7.00E-10 | 1318 | 8.01E-10 | 1388 | 4.79E-10 | 1458 | 5.84E-10 | 1528 | 4.19E-10 | 1598 | 4.35E-10 | 1668 | 4.09E-10 | 1738 | 3.77E-10 | 1808 | 3.40E-10 | 1878 | 2.75E-10 | 1948 | 2.16E-10 |
| 1180 | 5.52E-10 | 1250 | 6.79E-10 | 1320 | 7.34E-10 | 1390 | 3.85E-10 | 1460 | 5.97E-10 | 1530 | 3.89E-10 | 1600 | 4.19E-10 | 1670 | 4.09E-10 | 1740 | 3.81E-10 | 1810 | 3.39E-10 | 1880 | 2.55E-10 | 1950 | 2.05E-10 |
| 1182 | 5.88E-10 | 1252 | 6.94E-10 | 1322 | 7.03E-10 | 1392 | 4.08E-10 | 1462 | 5.49E-10 | 1532 | 3.82E-10 | 1602 | 4.12E-10 | 1672 | 4.14E-10 | 1742 | 3.75E-10 | 1812 | 3.47E-10 | 1882 | 2.48E-10 | 1952 | 2.02E-10 |
| 1184 | 5.45E-10 | 1254 | 7.06E-10 | 1324 | | 1394 | 4.72E-10 | 1464 | 5.34E-10 | 1534 | 3.88E-10 | 1604 | 4.05E-10 | 1674 | 4.41E-10 | 1744 | 3.70E-10 | 1814 | 3.55E-10 | 1884 | 2.37E-10 | 1954 | 2.05E-10 |
| 1186 | 5.23E-10 | 1256 | 6.86E-10 | 1326 | | 1396 | 4.90E-10 | 1466 | 5.47E-10 | 1536 | 3.80E-10 | 1606 | 3.84E-10 | 1676 | 4.63E-10 | 1746 | 3.60E-10 | 1816 | 3.50E-10 | 1886 | 2.33E-10 | 1956 | 2.08E-10 |
| 1188 | 4.85E-10 | 1258 | 7.05E-10 | 1328 | 7.38E-10 | 1398 | 4.45E-10 | 1468 | 5.68E-10 | 1538 | 3.98E-10 | 1608 | 3.74E-10 | 1678 | 4.73E-10 | 1748 | 3.58E-10 | 1818 | 3.52E-10 | 1888 | 2.30E-10 | 1958 | 2.10E-10 |
| 1190 | 4.66E-10 | 1260 | 7.61E-10 | 1330 | 6.99E-10 | 1400 | 4.15E-10 | 1470 | 5.77E-10 | 1540 | 3.82E-10 | 1610 | 3.84E-10 | 1680 | 4.67E-10 | 1750 | 3.67E-10 | 1820 | 3.52E-10 | 1890 | 2.26E-10 | 1960 | 2.16E-10 |
| 1192 | | 1262 | 7.72E-10 | 1332 | 6.26E-10 | 1402 | 4.78E-10 | 1472 | 5.86E-10 | 1542 | 3.38E-10 | 1612 | 4.04E-10 | 1682 | 4.54E-10 | 1752 | 4.06E-10 | 1822 | 3.48E-10 | 1892 | 2.30E-10 | 1962 | 2.17E-10 |
| 1194 | | 1264 | 7.60E-10 | 1334 | 6.84E-10 | 1404 | 5.71E-10 | 1474 | 5.91E-10 | 1544 | 2.71E-10 | 1614 | 4.24E-10 | 1684 | 4.47E-10 | 1754 | 4.20E-10 | 1824 | 3.45E-10 | 1894 | 2.39E-10 | 1964 | 2.26E-10 |
| 1196 | 4.37E-10 | 1266 | 8.21E-10 | 1336 | 7.14E-10 | 1406 | 5.79E-10 | 1476 | 6.08E-10 | 1546 | 2.74E-10 | 1616 | 4.05E-10 | 1686 | 4.24E-10 | 1756 | 4.12E-10 | 1826 | 3.42E-10 | 1896 | 2.53E-10 | 1966 | 2.36E-10 |
| 1198 | 4.00E-10 | 1268 | 7.73E-10 | 1338 | 6.95E-10 | 1408 | 5.95E-10 | 1478 | 5.92E-10 | 1548 | 3.06E-10 | 1618 | 3.92E-10 | 1688 | 4.13E-10 | 1758 | 4.05E-10 | 1828 | 3.46E-10 | 1898 | 2.53E-10 | 1968 | 2.47E-10 |
| 1200 | 3.65E-10 | 1270 | 7.57E-10 | 1340 | 6.73E-10 | 1410 | 5.94E-10 | 1480 | 5.88E-10 | 1550 | 3.76E-10 | 1620 | 3.97E-10 | 1690 | 4.18E-10 | 1760 | 3.86E-10 | 1830 | 3.56E-10 | 1900 | 2.46E-10 | 1970 | 2.50E-10 |
| 1202 | 3.13E-10 | 1272 | 7.74E-10 | 1342 | 6.79E-10 | 1412 | 5.84E-10 | 1482 | 5.86E-10 | 1552 | 4.23E-10 | 1622 | 4.09E-10 | 1692 | 4.14E-10 | 1762 | 3.96E-10 | 1832 | 3.52E-10 | 1902 | 2.42E-10 | 1972 | 2.47E-10 |
| 1204 | 2.59E-10 | 1274 | 7.60E-10 | 1344 | 6.83E-10 | 1414 | 5.53E-10 | 1484 | 6.07E-10 | 1554 | 4.05E-10 | 1624 | 3.99E-10 | 1694 | 4.14E-10 | 1764 | 3.88E-10 | 1834 | 3.44E-10 | 1904 | 2.39E-10 | 1974 | 2.43E-10 |
| 1206 | 2.05E-10 | 1276 | 7.47E-10 | 1346 | 7.09E-10 | 1416 | 5.57E-10 | 1486 | 6.11E-10 | 1556 | 4.09E-10 | 1626 | 3.87E-10 | 1696 | 4.10E-10 | 1766 | 3.82E-10 | 1836 | 3.25E-10 | 1906 | 2.41E-10 | | |
| 1208 | 1.36E-10 | 1278 | 7.86E-10 | 1348 | 7.22E-10 | 1418 | 5.70E-10 | 1488 | 5.98E-10 | 1558 | 3.94E-10 | 1628 | 3.82E-10 | 1698 | 4.13E-10 | 1768 | 3.69E-10 | 1838 | 3.01E-10 | 1908 | 2.45E-10 | | |
| 1210 | 7.45E-11 | 1280 | 7.89E-10 | 1350 | 7.46E-10 | 1420 | 5.78E-10 | 1490 | 5.67E-10 | 1560 | 4.04E-10 | 1630 | 4.07E-10 | 1700 | 4.06E-10 | 1770 | 3.71E-10 | 1840 | 2.85E-10 | 1910 | 2.40E-10 | | |
| 1212 | 4.90E-11 | 1282 | 7.60E-10 | 1352 | 7.50E-10 | 1422 | 5.68E-10 | 1492 | 5.43E-10 | 1562 | 3.96E-10 | 1632 | 4.35E-10 | 1702 | 4.11E-10 | 1772 | 3.65E-10 | 1842 | 2.80E-10 | 1912 | 2.26E-10 | | |
| 1214 | 6.88E-11 | 1284 | 7.62E-10 | 1354 | 7.44E-10 | 1424 | 5.06E-10 | 1494 | 5.27E-10 | 1564 | 4.17E-10 | 1634 | 4.42E-10 | 1704 | 4.04E-10 | 1774 | 3.62E-10 | 1844 | 2.78E-10 | 1914 | 2.15E-10 | | |
| 1216 | 1.30E-10 | 1286 | 7.55E-10 | 1356 | 7.27E-10 | 1426 | 5.24E-10 | 1496 | 5.18E-10 | 1566 | 4.36E-10 | 1636 | 4.25E-10 | 1706 | 3.84E-10 | 1776 | 3.74E-10 | 1846 | 2.76E-10 | 1916 | 2.13E-10 | | |
| 1218 | 2.36E-10 | 1288 | 7.90E-10 | 1358 | 7.07E-10 | 1428 | 5.41E-10 | 1498 | 4.87E-10 | 1568 | 4.35E-10 | 1638 | 4.12E-10 | 1708 | 3.79E-10 | 1778 | 3.81E-10 | 1848 | 2.77E-10 | 1918 | 2.15E-10 | | |
| 1220 | 3.63E-10 | 1290 | 7.44E-10 | 1360 | 6.90E-10 | 1430 | 5.56E-10 | 1500 | 4.85E-10 | 1570 | 4.69E-10 | 1640 | 4.28E-10 | 1710 | 3.92E-10 | 1780 | 3.80E-10 | 1850 | 2.80E-10 | 1920 | 2.14E-10 | | |


HD 218376 B0.5 III V=4.85 (B−V)=−0.03 E(B−V)=0.25
LAP: SWP 31260
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
10
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

HD 218376 B0.5 III V=4.85 (B-V)=-0.03 E(B-V)=0.25

LAP: LWP 11102

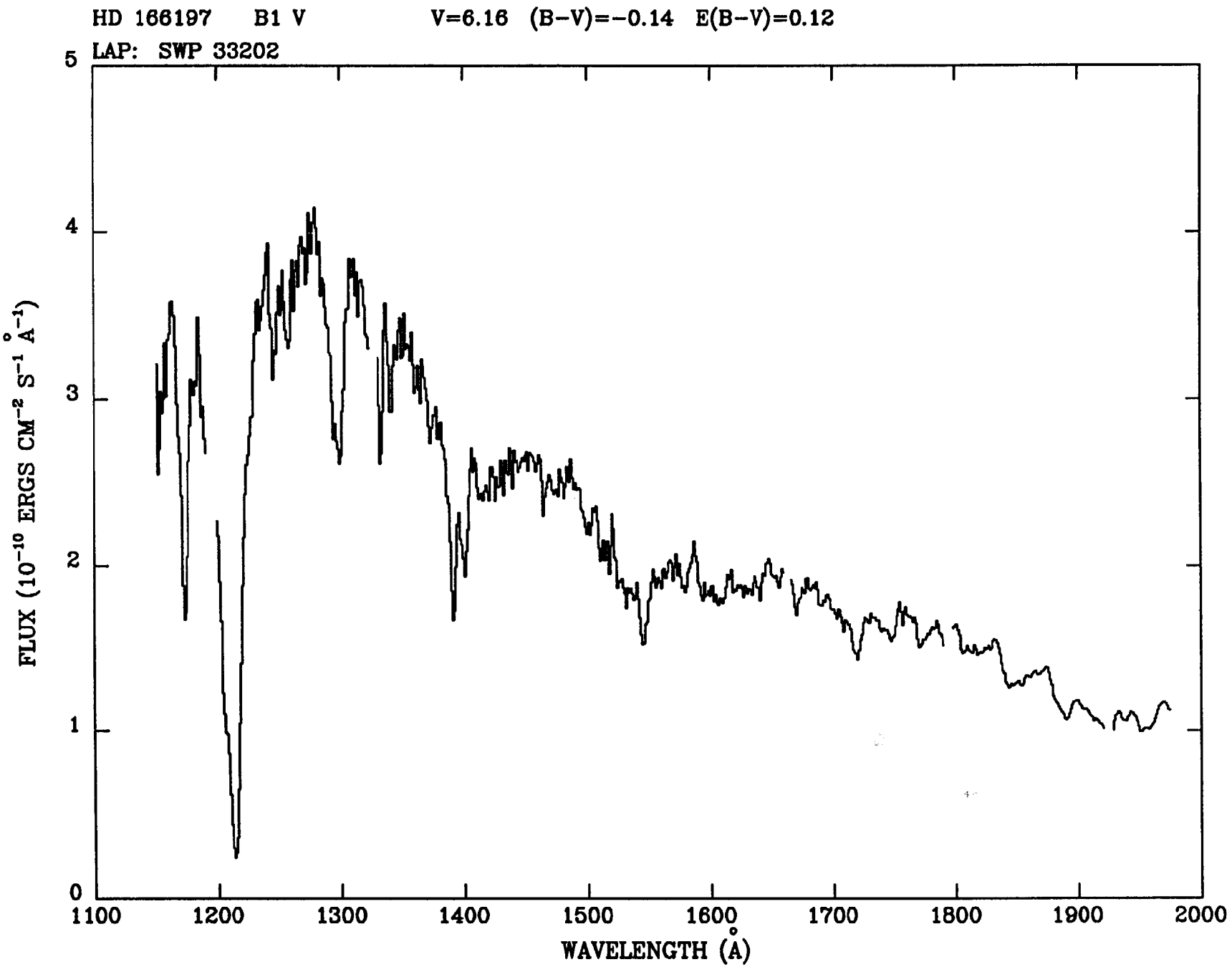
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.93E-10 | 2078 | 2.51E-10 | 2180 | 1.52E-10 | 2282 | 1.70E-10 | 2384 | 2.09E-10 | 2486 | 2.12E-10 | 2588 | 2.01E-10 | 2690 | 2.01E-10 | 2792 | 1.83E-10 | 2894 | 1.83E-10 | 2996 | 1.77E-10 | 3098 | 1.61E-10 |
| 1978 | 2.79E-10 | 2080 | 2.27E-10 | 2182 | 1.57E-10 | 2284 | 1.75E-10 | 2386 | 1.84E-10 | 2488 | 2.28E-10 | 2590 | 2.06E-10 | 2692 | 1.99E-10 | 2794 | 1.81E-10 | 2896 | 1.86E-10 | 2998 | 1.77E-10 | 3100 | 1.61E-10 |
| 1980 | 2.60E-10 | 2082 | 1.99E-10 | 2184 | 1.85E-10 | 2286 | 1.77E-10 | 2388 | 1.93E-10 | 2490 | 2.34E-10 | 2592 | 2.10E-10 | 2694 | 1.94E-10 | 2796 | 1.77E-10 | 2898 | 1.92E-10 | 3000 | 1.76E-10 | 3102 | 1.61E-10 |
| 1982 | 2.94E-10 | 2084 | 2.18E-10 | 2186 | 2.02E-10 | 2288 | 1.60E-10 | 2390 | 2.03E-10 | 2492 | 2.13E-10 | 2594 | 2.13E-10 | 2696 | 1.95E-10 | 2798 | 1.74E-10 | 2900 | 1.88E-10 | 3002 | 1.79E-10 | 3104 | 1.62E-10 |
| 1984 | 2.67E-10 | 2086 | 2.20E-10 | 2188 | 1.93E-10 | 2290 | 1.67E-10 | 2392 | 2.06E-10 | 2494 | 2.12E-10 | 2596 | 2.14E-10 | 2698 | 2.00E-10 | 2800 | 1.77E-10 | 2902 | 1.84E-10 | 3004 | 1.81E-10 | 3106 | 1.62E-10 |
| 1986 | 2.50E-10 | 2088 | 1.78E-10 | 2190 | 1.58E-10 | 2292 | 1.70E-10 | 2394 | 2.11E-10 | 2496 | 2.26E-10 | 2598 | 2.16E-10 | 2700 | 2.02E-10 | 2802 | 1.83E-10 | 2904 | 1.85E-10 | 3006 | 1.78E-10 | 3108 | 1.64E-10 |
| 1988 | 2.45E-10 | 2090 | 1.67E-10 | 2192 | 1.43E-10 | 2294 | 1.59E-10 | 2396 | 2.08E-10 | 2498 | 2.18E-10 | 2600 | 2.09E-10 | 2702 | 2.01E-10 | 2804 | 1.77E-10 | 2906 | 1.84E-10 | 3008 | 1.73E-10 | 3110 | 1.66E-10 |
| 1990 | 2.29E-10 | 2092 | 2.17E-10 | 2194 | 1.65E-10 | 2296 | 1.70E-10 | 2398 | 2.04E-10 | 2500 | 2.12E-10 | 2602 | 2.02E-10 | 2704 | 2.00E-10 | 2806 | 1.83E-10 | 2908 | 1.81E-10 | 3010 | 1.77E-10 | 3112 | 1.63E-10 |
| 1992 | 2.18E-10 | 2094 | 2.01E-10 | 2196 | 1.66E-10 | 2298 | 1.59E-10 | 2400 | 2.00E-10 | 2502 | 2.22E-10 | 2604 | 2.06E-10 | 2706 | 2.03E-10 | 2808 | 1.99E-10 | 2910 | 1.78E-10 | 3012 | 1.81E-10 | 3114 | 1.59E-10 |
| 1994 | 2.27E-10 | 2096 | 1.72E-10 | 2198 | 1.79E-10 | 2300 | 1.49E-10 | 2402 | 2.09E-10 | 2504 | 2.32E-10 | 2606 | 2.09E-10 | 2708 | 2.04E-10 | 2810 | 2.02E-10 | 2912 | 1.79E-10 | 3014 | 1.77E-10 | 3116 | 1.60E-10 |
| 1996 | 2.46E-10 | 2098 | 1.87E-10 | 2200 | 1.91E-10 | 2302 | 1.64E-10 | 2404 | 2.12E-10 | 2506 | 2.29E-10 | 2608 | 2.00E-10 | 2710 | 2.01E-10 | 2812 | 1.99E-10 | 2914 | 1.82E-10 | 3016 | 1.79E-10 | 3118 | 1.65E-10 |
| 1998 | 2.09E-10 | 2100 | 1.70E-10 | 2202 | 1.78E-10 | 2304 | 1.73E-10 | 2406 | 2.11E-10 | 2508 | 2.16E-10 | 2610 | 1.92E-10 | 2712 | 2.03E-10 | 2814 | 2.00E-10 | 2916 | 1.82E-10 | 3018 | 1.78E-10 | 3120 | 1.67E-10 |
| 2000 | 2.28E-10 | 2102 | 1.84E-10 | 2204 | 1.82E-10 | 2306 | 1.87E-10 | 2408 | 2.19E-10 | 2510 | 2.14E-10 | 2612 | 1.98E-10 | 2714 | 2.03E-10 | 2816 | 1.97E-10 | 2918 | 1.80E-10 | 3020 | 1.78E-10 | 3122 | 1.62E-10 |
| 2002 | 2.37E-10 | 2104 | 1.95E-10 | 2206 | 1.97E-10 | 2308 | 1.96E-10 | 2410 | 2.17E-10 | 2512 | 2.11E-10 | 2614 | 2.09E-10 | 2716 | 1.99E-10 | 2818 | 1.97E-10 | 2920 | 1.84E-10 | 3022 | 1.78E-10 | 3124 | 1.59E-10 |
| 2004 | 2.48E-10 | 2106 | 1.80E-10 | 2208 | 1.69E-10 | 2310 | 1.92E-10 | 2412 | 2.27E-10 | 2514 | 2.06E-10 | 2616 | 2.17E-10 | 2718 | 2.02E-10 | 2820 | 1.96E-10 | 2922 | 1.87E-10 | 3024 | 1.80E-10 | 3126 | 1.60E-10 |
| 2006 | 2.69E-10 | 2108 | 1.81E-10 | 2210 | 1.82E-10 | 2312 | 1.88E-10 | 2414 | 1.98E-10 | 2516 | 2.07E-10 | 2618 | 2.11E-10 | 2720 | 2.06E-10 | 2822 | 1.95E-10 | 2924 | 1.91E-10 | 3026 | 1.80E-10 | 3128 | 1.62E-10 |
| 2008 | 2.44E-10 | 2110 | 2.10E-10 | 2212 | 1.48E-10 | 2314 | 1.90E-10 | 2416 | 1.90E-10 | 2518 | 2.18E-10 | 2620 | 2.12E-10 | 2722 | 1.98E-10 | 2824 | 1.99E-10 | 2926 | 1.88E-10 | 3028 | 1.77E-10 | 3130 | 1.63E-10 |
| 2010 | 2.35E-10 | 2112 | 2.21E-10 | 2214 | 1.61E-10 | 2316 | 1.89E-10 | 2418 | 2.01E-10 | 2520 | 2.27E-10 | 2622 | 2.20E-10 | 2724 | 2.02E-10 | 2826 | 2.01E-10 | 2928 | 1.87E-10 | 3030 | 1.80E-10 | 3132 | 1.63E-10 |
| 2012 | 2.30E-10 | 2114 | 1.96E-10 | 2216 | 1.76E-10 | 2318 | 1.89E-10 | 2420 | 2.07E-10 | 2522 | 2.11E-10 | 2624 | 2.20E-10 | 2726 | 2.01E-10 | 2828 | 2.02E-10 | 2930 | 1.86E-10 | 3032 | 1.86E-10 | 3134 | 1.61E-10 |
| 2014 | 2.68E-10 | 2116 | 2.14E-10 | 2218 | 1.74E-10 | 2320 | 1.68E-10 | 2422 | 2.04E-10 | 2524 | 2.08E-10 | 2626 | 2.17E-10 | 2728 | 1.96E-10 | 2830 | 1.96E-10 | 2932 | 1.85E-10 | 3034 | 1.89E-10 | 3136 | 1.60E-10 |
| 2016 | 2.89E-10 | 2118 | 1.96E-10 | 2220 | 1.65E-10 | 2322 | 1.69E-10 | 2424 | 2.07E-10 | 2526 | 2.14E-10 | 2628 | 2.12E-10 | 2730 | 2.01E-10 | 2832 | 1.90E-10 | 2934 | 1.77E-10 | 3036 | 1.86E-10 | 3138 | 1.58E-10 |
| 2018 | 2.54E-10 | 2120 | 1.91E-10 | 2222 | 1.75E-10 | 2324 | 1.85E-10 | 2426 | 2.11E-10 | 2528 | 2.10E-10 | 2630 | 2.15E-10 | 2732 | 2.06E-10 | 2834 | 1.99E-10 | 2936 | 1.72E-10 | 3038 | 1.79E-10 | 3140 | 1.59E-10 |
| 2020 | 2.50E-10 | 2122 | 2.34E-10 | 2224 | 1.81E-10 | 2326 | 1.94E-10 | 2428 | 2.11E-10 | 2530 | 2.03E-10 | 2632 | 2.14E-10 | 2734 | 2.06E-10 | 2836 | 1.99E-10 | 2938 | 1.74E-10 | 3040 | 1.76E-10 | 3142 | 1.60E-10 |
| 2022 | 2.72E-10 | 2124 | 1.76E-10 | 2226 | 1.71E-10 | 2328 | 1.94E-10 | 2430 | 2.06E-10 | 2532 | 2.09E-10 | 2634 | 2.09E-10 | 2736 | 2.06E-10 | 2838 | 1.95E-10 | 2940 | 1.74E-10 | 3042 | 1.74E-10 | 3144 | 1.60E-10 |
| 2024 | 2.65E-10 | 2126 | | 2228 | 1.61E-10 | 2330 | 1.90E-10 | 2432 | 2.00E-10 | 2534 | 2.26E-10 | 2636 | 2.02E-10 | 2738 | 2.03E-10 | 2840 | 2.00E-10 | 2942 | 1.74E-10 | 3044 | 1.78E-10 | 3146 | 1.60E-10 |
| 2026 | 2.58E-10 | 2128 | 2.24E-10 | 2230 | 1.70E-10 | 2332 | 1.78E-10 | 2434 | 2.13E-10 | 2536 | 2.25E-10 | 2638 | 2.09E-10 | 2740 | 2.04E-10 | 2842 | 2.02E-10 | 2944 | 1.73E-10 | 3046 | 1.81E-10 | 3148 | 1.62E-10 |
| 2028 | 2.60E-10 | 2130 | 2.01E-10 | 2232 | 1.69E-10 | 2334 | 1.81E-10 | 2436 | 2.12E-10 | 2538 | 2.13E-10 | 2640 | 2.10E-10 | 2742 | 2.03E-10 | 2844 | 2.00E-10 | 2946 | 1.68E-10 | 3048 | 1.79E-10 | 3150 | 1.65E-10 |
| 2030 | 2.64E-10 | 2132 | 1.75E-10 | 2234 | 1.63E-10 | 2336 | 2.01E-10 | 2438 | 2.13E-10 | 2540 | 2.03E-10 | 2642 | 1.97E-10 | 2744 | 2.04E-10 | 2846 | | 2948 | 1.73E-10 | 3050 | 1.78E-10 | 3152 | 1.65E-10 |
| 2032 | 2.34E-10 | 2134 | 1.69E-10 | 2236 | 1.60E-10 | 2338 | 2.13E-10 | 2440 | 2.26E-10 | 2542 | 2.08E-10 | 2644 | 1.97E-10 | 2746 | 2.07E-10 | 2848 | | 2950 | 1.81E-10 | 3052 | | 3154 | 1.58E-10 |
| 2034 | 2.32E-10 | 2136 | 1.77E-10 | 2238 | 1.62E-10 | 2340 | 2.01E-10 | 2442 | 2.31E-10 | 2544 | 2.22E-10 | 2646 | | 2748 | 2.06E-10 | 2850 | | 2952 | 1.83E-10 | 3054 | | 3156 | 1.58E-10 |
| 2036 | 2.48E-10 | 2138 | 1.86E-10 | 2240 | 1.66E-10 | 2342 | 1.81E-10 | 2444 | 2.17E-10 | 2546 | 2.23E-10 | 2648 | 2.12E-10 | 2750 | 2.10E-10 | 2852 | | 2954 | 1.76E-10 | 3056 | | 3158 | 1.57E-10 |
| 2038 | 2.11E-10 | 2140 | 1.74E-10 | 2242 | 1.70E-10 | 2344 | 1.73E-10 | 2446 | 2.14E-10 | 2548 | 2.20E-10 | 2650 | 2.13E-10 | 2752 | 2.15E-10 | 2854 | | 2956 | 1.78E-10 | 3058 | | 3160 | 1.55E-10 |
| 2040 | 1.85E-10 | 2142 | 1.75E-10 | 2244 | 1.62E-10 | 2346 | 1.74E-10 | 2448 | 2.16E-10 | 2550 | 2.19E-10 | 2652 | 2.10E-10 | 2754 | 2.14E-10 | 2856 | 1.95E-10 | 2958 | 1.82E-10 | 3060 | | 3162 | 1.54E-10 |
| 2042 | 2.35E-10 | 2144 | 1.65E-10 | 2246 | 1.74E-10 | 2348 | 1.82E-10 | 2450 | 2.10E-10 | 2552 | 2.20E-10 | 2654 | 2.10E-10 | 2756 | 2.10E-10 | 2858 | 1.94E-10 | 2960 | 1.81E-10 | 3062 | 1.84E-10 | 3164 | 1.55E-10 |
| 2044 | 2.47E-10 | 2146 | 1.69E-10 | 2248 | 1.92E-10 | 2350 | 2.07E-10 | 2452 | 2.22E-10 | 2554 | 2.17E-10 | 2656 | 2.02E-10 | 2758 | 2.07E-10 | 2860 | 1.98E-10 | 2962 | 1.81E-10 | 3064 | 1.75E-10 | 3166 | 1.55E-10 |
| 2046 | 2.10E-10 | 2148 | 1.84E-10 | 2250 | 1.77E-10 | 2352 | 2.07E-10 | 2454 | 2.32E-10 | 2556 | 2.14E-10 | 2658 | 1.91E-10 | 2760 | 2.03E-10 | 2862 | 1.99E-10 | 2964 | 1.80E-10 | 3066 | 1.71E-10 | 3168 | 1.52E-10 |
| 2048 | 2.04E-10 | 2150 | 1.82E-10 | 2252 | 1.67E-10 | 2354 | 1.83E-10 | 2456 | 2.20E-10 | 2558 | 2.19E-10 | 2660 | 2.00E-10 | 2762 | 1.99E-10 | 2864 | 1.92E-10 | 2966 | 1.80E-10 | 3068 | 1.69E-10 | 3170 | 1.53E-10 |
| 2050 | 1.97E-10 | 2152 | 1.77E-10 | 2254 | 1.83E-10 | 2356 | 1.81E-10 | 2458 | 2.11E-10 | 2560 | 2.16E-10 | 2662 | 2.03E-10 | 2764 | 2.02E-10 | 2866 | 1.90E-10 | 2968 | 1.82E-10 | 3070 | 1.68E-10 | 3172 | 1.55E-10 |
| 2052 | 1.97E-10 | 2154 | 1.74E-10 | 2256 | 1.86E-10 | 2358 | 1.97E-10 | 2460 | 2.24E-10 | 2562 | 2.08E-10 | 2664 | 2.08E-10 | 2766 | 2.05E-10 | 2868 | 1.93E-10 | 2970 | 1.79E-10 | 3072 | 1.70E-10 | 3174 | 1.54E-10 |
| 2054 | 2.20E-10 | 2156 | 1.75E-10 | 2258 | 1.94E-10 | 2360 | 2.12E-10 | 2462 | 2.21E-10 | 2564 | 2.07E-10 | 2666 | 2.07E-10 | 2768 | 2.06E-10 | 2870 | 1.95E-10 | 2972 | 1.78E-10 | 3074 | 1.71E-10 | 3176 | 1.53E-10 |
| 2056 | 2.43E-10 | 2158 | 1.83E-10 | 2260 | 1.74E-10 | 2362 | 2.07E-10 | 2464 | 2.15E-10 | 2566 | 2.04E-10 | 2668 | 2.06E-10 | 2770 | 2.03E-10 | 2872 | 2.00E-10 | 2974 | 1.77E-10 | 3076 | 1.70E-10 | 3178 | 1.53E-10 |
| 2058 | 2.35E-10 | 2160 | 1.94E-10 | 2262 | 1.64E-10 | 2364 | 1.92E-10 | 2466 | 2.07E-10 | 2568 | 2.09E-10 | 2670 | 2.10E-10 | 2772 | 2.03E-10 | 2874 | 2.01E-10 | 2976 | 1.75E-10 | 3078 | 1.68E-10 | 3180 | 1.53E-10 |
| 2060 | 2.14E-10 | 2162 | 1.76E-10 | 2264 | 1.76E-10 | 2366 | 2.02E-10 | 2468 | 2.14E-10 | 2570 | 2.13E-10 | 2672 | 2.08E-10 | 2774 | 2.01E-10 | 2876 | 1.99E-10 | 2978 | 1.78E-10 | 3080 | 1.66E-10 | 3182 | 1.59E-10 |
| 2062 | 1.92E-10 | 2164 | 1.61E-10 | 2266 | 1.93E-10 | 2368 | 2.02E-10 | 2470 | 2.19E-10 | 2572 | 2.10E-10 | 2674 | 2.07E-10 | 2776 | 1.97E-10 | 2878 | 1.96E-10 | 2980 | 1.80E-10 | 3082 | 1.63E-10 | 3184 | 1.62E-10 |
| 2064 | 1.94E-10 | 2166 | 1.67E-10 | 2268 | 1.80E-10 | 2370 | 1.90E-10 | 2472 | 2.08E-10 | 2574 | 2.07E-10 | 2676 | 2.06E-10 | 2778 | 1.96E-10 | 2880 | 1.89E-10 | 2982 | 1.76E-10 | 3084 | 1.63E-10 | 3186 | 1.57E-10 |
| 2066 | 2.22E-10 | 2168 | 1.56E-10 | 2270 | 1.67E-10 | 2372 | 2.02E-10 | 2474 | 2.16E-10 | 2576 | 2.12E-10 | 2678 | 2.09E-10 | 2780 | 1.93E-10 | 2882 | 1.88E-10 | 2984 | 1.77E-10 | 3086 | 1.65E-10 | 3188 | 1.52E-10 |
| 2068 | 1.96E-10 | 2170 | 1.84E-10 | 2272 | 1.65E-10 | 2374 | 2.04E-10 | 2476 | 2.23E-10 | 2578 | 2.21E-10 | 2680 | 2.07E-10 | 2782 | 1.97E-10 | 2884 | 1.90E-10 | 2986 | 1.76E-10 | 3088 | 1.65E-10 | 3190 | 1.47E-10 |
| 2070 | 2.04E-10 | 2172 | 1.63E-10 | 2274 | 1.82E-10 | 2376 | 2.04E-10 | 2478 | 2.31E-10 | 2580 | 2.28E-10 | 2682 | 2.01E-10 | 2784 | 1.95E-10 | 2886 | 1.91E-10 | 2988 | 1.74E-10 | 3090 | 1.64E-10 | 3192 | 1.44E-10 |
| 2072 | 1.97E-10 | 2174 | 1.54E-10 | 2276 | 1.99E-10 | 2378 | 1.94E-10 | 2480 | 2.36E-10 | 2582 | 2.24E-10 | 2684 | 2.02E-10 | 2786 | 1.91E-10 | 2888 | 1.90E-10 | 2990 | 1.78E-10 | 3092 | 1.59E-10 | 3194 | 1.49E-10 |
| 2074 | 2.05E-10 | 2176 | 1.72E-10 | 2278 | 1.77E-10 | 2380 | 1.93E-10 | 2482 | 2.23E-10 | 2584 | 2.18E-10 | 2686 | 2.09E-10 | 2788 | 1.93E-10 | 2890 | 1.86E-10 | 2992 | 1.74E-10 | 3094 | 1.57E-10 | 3196 | 1.55E-10 |
| 2076 | 2.47E-10 | 2178 | 1.64E-10 | 2280 | 1.61E-10 | 2382 | 2.14E-10 | 2484 | 2.10E-10 | 2586 | 2.05E-10 | 2688 | 2.05E-10 | 2790 | 1.89E-10 | 2892 | 1.88E-10 | 2994 | 1.74E-10 | 3096 | 1.60E-10 | 3198 | 1.55E-10 |


HD 218376 B0.5 III V=4.85 (B-V)=-0.03 E(B-V)=0.25
LAP: LWP 11102
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
6
1800
2000
2200
2400
2600
2800
3000
3200

**HD 166197 B1 V V=6.16 (B-V)=-0.14 E(B-V)=0.12**

**LAP: SWP 33202**

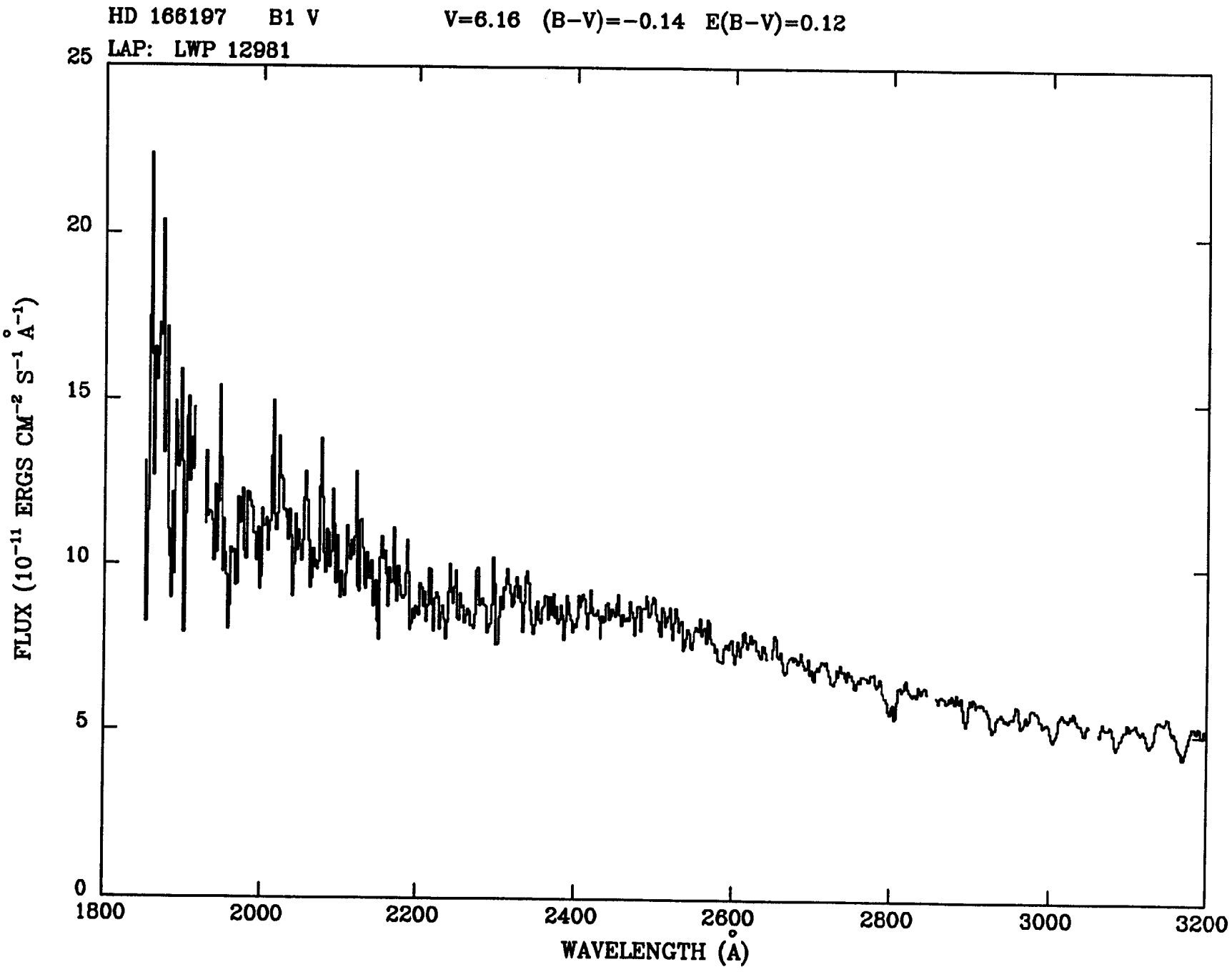
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 2.76E-10 | 1222 | 2.22E-10 | 1292 | 3.27E-10 | 1362 | 3.07E-10 | 1432 | 2.54E-10 | 1502 | 2.23E-10 | 1572 | 2.04E-10 | 1642 | 1.91E-10 | 1712 | 1.65E-10 | 1782 | 1.62E-10 | 1852 | 1.30E-10 | 1922 | 1.01E-10 |
| 1154 | 2.87E-10 | 1224 | 2.56E-10 | 1294 | 2.94E-10 | 1364 | 3.13E-10 | 1434 | 2.56E-10 | 1504 | 2.27E-10 | 1574 | 1.98E-10 | 1644 | 1.95E-10 | 1714 | 1.64E-10 | 1784 | 1.65E-10 | 1854 | 1.28E-10 | 1924 | |
| 1156 | 2.95E-10 | 1226 | 2.72E-10 | 1296 | 2.81E-10 | 1366 | 3.06E-10 | 1436 | 2.56E-10 | 1506 | 2.34E-10 | 1576 | 1.92E-10 | 1646 | 2.02E-10 | 1716 | 1.56E-10 | 1786 | 1.63E-10 | 1856 | 1.30E-10 | 1926 | |
| 1158 | 3.19E-10 | 1228 | 2.88E-10 | 1298 | 2.72E-10 | 1368 | 3.20E-10 | 1438 | 2.65E-10 | 1508 | 2.31E-10 | 1578 | 1.87E-10 | 1648 | 2.03E-10 | 1718 | 1.48E-10 | 1788 | 1.58E-10 | 1858 | 1.33E-10 | 1928 | 1.00E-10 |
| 1160 | 3.22E-10 | 1230 | 3.19E-10 | 1300 | 2.63E-10 | 1370 | 3.09E-10 | 1440 | 2.53E-10 | 1510 | 2.08E-10 | 1580 | 1.86E-10 | 1650 | 1.96E-10 | 1720 | 1.46E-10 | 1790 | 1.54E-10 | 1860 | 1.33E-10 | 1930 | 1.07E-10 |
| 1162 | 3.46E-10 | 1232 | 3.50E-10 | 1302 | 2.90E-10 | 1372 | 2.93E-10 | 1442 | 2.65E-10 | 1512 | 2.06E-10 | 1582 | 1.97E-10 | 1652 | 1.93E-10 | 1722 | 1.49E-10 | 1792 | | 1862 | 1.34E-10 | 1932 | 1.10E-10 |
| 1164 | 3.56E-10 | 1234 | 3.52E-10 | 1304 | 3.30E-10 | 1374 | 2.77E-10 | 1444 | 2.60E-10 | 1514 | 2.08E-10 | 1584 | 2.02E-10 | 1654 | 1.93E-10 | 1724 | 1.57E-10 | 1794 | | 1864 | 1.36E-10 | 1934 | 1.11E-10 |
| 1166 | 3.39E-10 | 1236 | 3.47E-10 | 1306 | 3.54E-10 | 1376 | 2.87E-10 | 1446 | 2.59E-10 | 1516 | 2.15E-10 | 1586 | 2.12E-10 | 1656 | 1.89E-10 | 1726 | 1.67E-10 | 1796 | | 1866 | 1.36E-10 | 1936 | 1.07E-10 |
| 1168 | 2.89E-10 | 1238 | 3.61E-10 | 1308 | 3.76E-10 | 1378 | 2.92E-10 | 1448 | 2.64E-10 | 1518 | 2.03E-10 | 1588 | 2.05E-10 | 1658 | 1.96E-10 | 1728 | 1.67E-10 | 1798 | 1.63E-10 | 1868 | 1.35E-10 | 1938 | 1.06E-10 |
| 1170 | 2.62E-10 | 1240 | 3.80E-10 | 1310 | 3.74E-10 | 1380 | 2.79E-10 | 1450 | 2.64E-10 | 1520 | 2.24E-10 | 1590 | 1.92E-10 | 1660 | 1.96E-10 | 1730 | 1.66E-10 | 1800 | 1.64E-10 | 1870 | 1.35E-10 | 1940 | 1.08E-10 |
| 1172 | 2.02E-10 | 1242 | 3.80E-10 | 1312 | 3.77E-10 | 1382 | 2.82E-10 | 1452 | 2.65E-10 | 1522 | 2.14E-10 | 1592 | 1.83E-10 | 1662 | | 1732 | 1.70E-10 | 1802 | 1.62E-10 | 1872 | 1.37E-10 | 1942 | 1.10E-10 |
| 1174 | 1.70E-10 | 1244 | 3.42E-10 | 1314 | 3.66E-10 | 1384 | 2.71E-10 | 1454 | 2.65E-10 | 1524 | 1.99E-10 | 1594 | 1.85E-10 | 1664 | | 1734 | 1.69E-10 | 1804 | 1.54E-10 | 1874 | 1.38E-10 | 1944 | 1.11E-10 |
| 1176 | 2.19E-10 | 1246 | 3.20E-10 | 1316 | 3.67E-10 | 1386 | 2.58E-10 | 1456 | 2.66E-10 | 1526 | 1.90E-10 | 1596 | 1.83E-10 | 1666 | 1.90E-10 | 1736 | 1.67E-10 | 1806 | 1.48E-10 | 1876 | 1.37E-10 | 1946 | 1.10E-10 |
| 1178 | 2.80E-10 | 1248 | 3.34E-10 | 1318 | 3.69E-10 | 1388 | 2.37E-10 | 1458 | 2.61E-10 | 1528 | 1.91E-10 | 1598 | 1.84E-10 | 1668 | 1.81E-10 | 1738 | 1.65E-10 | 1808 | 1.49E-10 | 1878 | 1.30E-10 | 1948 | 1.07E-10 |
| 1180 | 3.11E-10 | 1250 | 3.60E-10 | 1320 | 3.52E-10 | 1390 | 2.00E-10 | 1460 | 2.60E-10 | 1530 | 1.86E-10 | 1600 | 1.85E-10 | 1670 | 1.72E-10 | 1740 | 1.61E-10 | 1810 | 1.50E-10 | 1880 | 1.23E-10 | 1950 | 1.02E-10 |
| 1182 | 3.06E-10 | 1252 | 3.52E-10 | 1322 | 3.36E-10 | 1392 | 1.70E-10 | 1462 | 2.65E-10 | 1532 | 1.79E-10 | 1602 | 1.85E-10 | 1672 | 1.79E-10 | 1742 | 1.62E-10 | 1812 | 1.48E-10 | 1882 | 1.18E-10 | 1952 | 9.97E-11 |
| 1184 | 3.17E-10 | 1254 | 3.70E-10 | 1324 | 3.30E-10 | 1394 | 1.99E-10 | 1464 | 2.43E-10 | 1534 | 1.85E-10 | 1604 | 1.81E-10 | 1674 | 1.83E-10 | 1744 | 1.61E-10 | 1814 | 1.48E-10 | 1884 | 1.16E-10 | 1954 | 1.01E-10 |
| 1186 | 3.35E-10 | 1256 | 3.43E-10 | 1326 | | 1396 | 2.29E-10 | 1466 | 2.40E-10 | 1536 | 1.85E-10 | 1606 | 1.77E-10 | 1676 | 1.85E-10 | 1746 | 1.58E-10 | 1816 | 1.51E-10 | 1886 | 1.13E-10 | 1956 | 1.02E-10 |
| 1188 | 2.92E-10 | 1258 | 3.33E-10 | 1328 | | 1398 | 2.15E-10 | 1468 | 2.49E-10 | 1538 | 1.81E-10 | 1608 | 1.80E-10 | 1678 | 1.89E-10 | 1748 | 1.55E-10 | 1818 | 1.47E-10 | 1888 | 1.11E-10 | 1958 | 1.01E-10 |
| 1190 | 2.78E-10 | 1260 | 3.49E-10 | 1330 | 3.24E-10 | 1400 | 2.04E-10 | 1470 | 2.53E-10 | 1540 | 1.87E-10 | 1610 | 1.79E-10 | 1680 | 1.90E-10 | 1750 | 1.58E-10 | 1820 | 1.47E-10 | 1890 | 1.07E-10 | 1960 | 1.03E-10 |
| 1192 | 2.68E-10 | 1262 | 3.73E-10 | 1332 | 2.82E-10 | 1402 | 2.04E-10 | 1472 | 2.46E-10 | 1542 | 1.75E-10 | 1612 | 1.85E-10 | 1682 | 1.86E-10 | 1752 | 1.66E-10 | 1822 | 1.48E-10 | 1892 | 1.08E-10 | 1962 | 1.06E-10 |
| 1194 | | 1264 | 3.70E-10 | 1334 | 2.74E-10 | 1404 | 2.32E-10 | 1474 | 2.44E-10 | 1544 | 1.58E-10 | 1614 | 1.93E-10 | 1684 | 1.88E-10 | 1754 | 1.74E-10 | 1824 | 1.50E-10 | 1894 | 1.12E-10 | 1964 | 1.10E-10 |
| 1196 | | 1266 | 3.75E-10 | 1336 | 3.28E-10 | 1406 | 2.60E-10 | 1476 | 2.44E-10 | 1546 | 1.54E-10 | 1616 | 1.95E-10 | 1686 | 1.88E-10 | 1756 | 1.73E-10 | 1826 | 1.50E-10 | 1896 | 1.17E-10 | 1966 | 1.14E-10 |
| 1198 | | 1268 | 3.89E-10 | 1338 | 3.46E-10 | 1408 | 2.62E-10 | 1478 | 2.55E-10 | 1548 | 1.65E-10 | 1618 | 1.88E-10 | 1688 | 1.83E-10 | 1758 | 1.68E-10 | 1828 | 1.50E-10 | 1898 | 1.18E-10 | 1968 | 1.17E-10 |
| 1200 | 2.22E-10 | 1270 | 3.90E-10 | 1340 | 3.13E-10 | 1410 | 2.63E-10 | 1480 | 2.50E-10 | 1550 | 1.78E-10 | 1620 | 1.85E-10 | 1690 | 1.76E-10 | 1760 | 1.73E-10 | 1830 | 1.52E-10 | 1900 | 1.18E-10 | 1970 | 1.17E-10 |
| 1202 | 1.86E-10 | 1272 | 3.80E-10 | 1342 | 2.95E-10 | 1412 | 2.46E-10 | 1482 | 2.44E-10 | 1552 | 1.88E-10 | 1622 | 1.88E-10 | 1692 | 1.77E-10 | 1762 | 1.69E-10 | 1832 | 1.55E-10 | 1902 | 1.16E-10 | 1972 | 1.15E-10 |
| 1204 | 1.34E-10 | 1274 | 3.87E-10 | 1344 | 3.26E-10 | 1414 | 2.41E-10 | 1484 | 2.58E-10 | 1554 | 1.96E-10 | 1624 | 1.88E-10 | 1694 | 1.79E-10 | 1764 | 1.69E-10 | 1834 | 1.53E-10 | 1904 | 1.14E-10 | 1974 | 1.13E-10 |
| 1206 | 1.03E-10 | 1276 | 4.03E-10 | 1346 | 3.25E-10 | 1416 | 2.41E-10 | 1486 | 2.55E-10 | 1556 | 1.88E-10 | 1626 | 1.83E-10 | 1696 | 1.82E-10 | 1766 | 1.67E-10 | 1836 | 1.48E-10 | 1906 | 1.13E-10 | | |
| 1208 | 9.32E-11 | 1278 | 3.98E-10 | 1348 | 3.39E-10 | 1418 | 2.46E-10 | 1488 | 2.57E-10 | 1558 | 1.92E-10 | 1628 | 1.88E-10 | 1698 | 1.77E-10 | 1768 | 1.64E-10 | 1838 | 1.39E-10 | 1908 | 1.13E-10 | | |
| 1210 | 6.29E-11 | 1280 | 4.10E-10 | 1350 | 3.34E-10 | 1420 | 2.44E-10 | 1490 | 2.48E-10 | 1560 | 1.88E-10 | 1630 | 1.85E-10 | 1700 | 1.74E-10 | 1770 | 1.53E-10 | 1840 | 1.34E-10 | 1910 | 1.10E-10 | | |
| 1212 | 3.54E-11 | 1282 | 3.91E-10 | 1352 | 3.36E-10 | 1422 | 2.51E-10 | 1492 | 2.47E-10 | 1562 | 1.98E-10 | 1632 | 1.86E-10 | 1702 | 1.71E-10 | 1772 | 1.52E-10 | 1842 | 1.28E-10 | 1912 | 1.08E-10 | | |
| 1214 | 2.55E-11 | 1284 | 3.74E-10 | 1354 | 3.35E-10 | 1424 | 2.57E-10 | 1494 | 2.47E-10 | 1564 | 1.95E-10 | 1634 | 1.85E-10 | 1704 | 1.71E-10 | 1774 | 1.55E-10 | 1844 | 1.27E-10 | 1914 | 1.07E-10 | | |
| 1216 | 4.15E-11 | 1286 | 3.71E-10 | 1356 | 3.31E-10 | 1426 | 2.46E-10 | 1496 | 2.34E-10 | 1566 | 2.00E-10 | 1636 | 1.92E-10 | 1706 | 1.72E-10 | 1776 | 1.57E-10 | 1846 | 1.28E-10 | 1916 | 1.07E-10 | | |
| 1218 | 9.63E-11 | 1288 | 3.53E-10 | 1358 | 3.31E-10 | 1428 | 2.49E-10 | 1498 | 2.28E-10 | 1568 | 2.03E-10 | 1638 | 1.88E-10 | 1708 | 1.64E-10 | 1778 | 1.59E-10 | 1848 | 1.28E-10 | 1918 | 1.05E-10 | | |
| 1220 | 1.65E-10 | 1290 | 3.42E-10 | 1360 | 3.17E-10 | 1430 | 2.55E-10 | 1500 | 2.21E-10 | 1570 | 1.95E-10 | 1640 | 1.83E-10 | 1710 | 1.65E-10 | 1780 | 1.61E-10 | 1850 | 1.29E-10 | 1920 | 1.03E-10 | | |


HD 166197 B1 V V=6.16 (B-V)=-0.14 E(B-V)=0.12
LAP: SWP 33202
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

HD 166197 B1 V V=6.16 (B-V)=-0.14 E(B-V)=0.12

LAP: LWP 12981

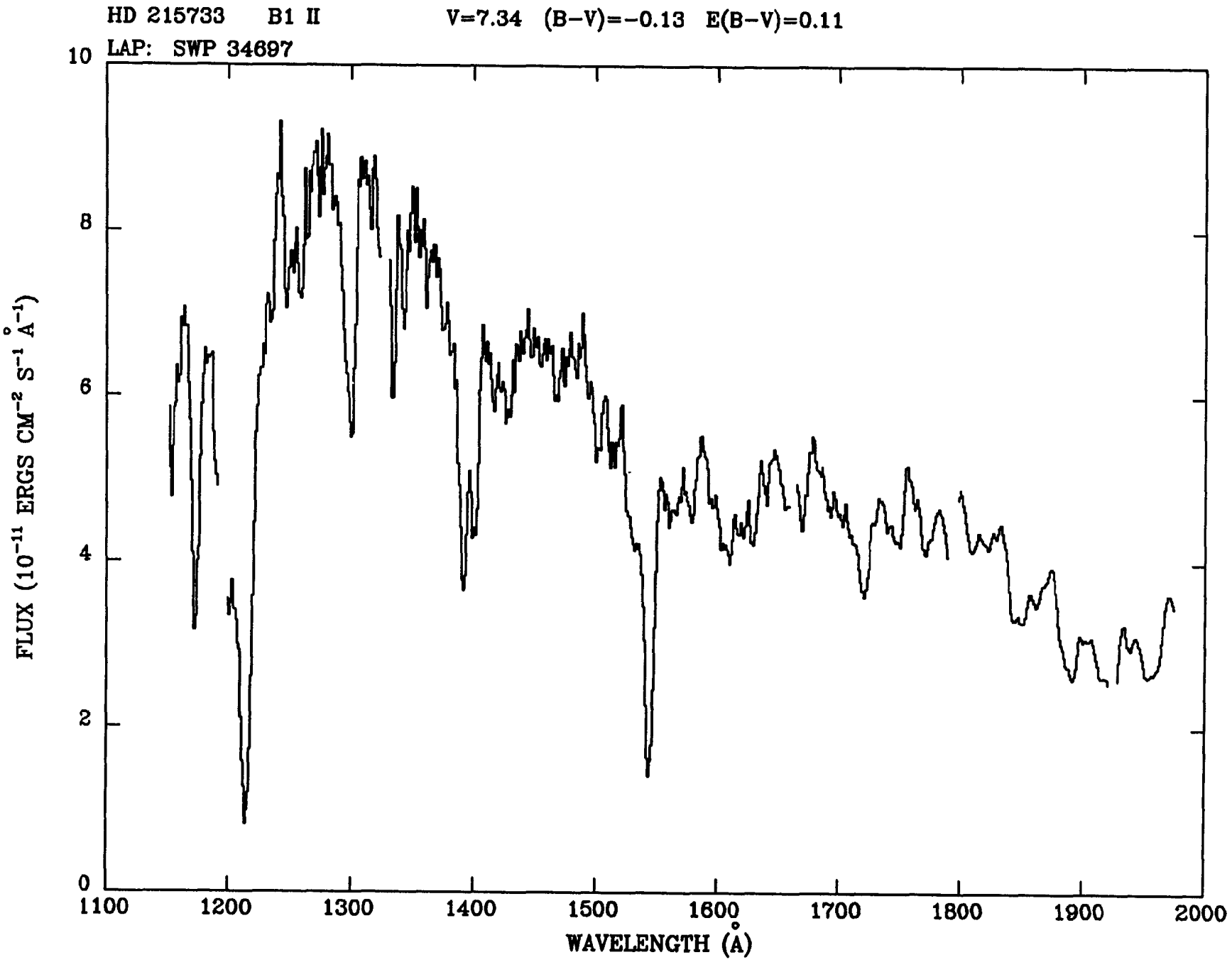
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.20E-10 | 2078 | 1.29E-10 | 2180 | 9.06E-11 | 2282 | 8.96E-11 | 2384 | 8.37E-11 | 2486 | 8.73E-11 | 2588 | 7.27E-11 | 2690 | 7.08E-11 | 2792 | 6.07E-11 | 2894 | 5.27E-11 | 2996 | 5.33E-11 | 3098 | 5.18E-11 |
| 1978 | 1.11E-10 | 2080 | 1.11E-10 | 2182 | 9.00E-11 | 2284 | 8.86E-11 | 2386 | 7.91E-11 | 2488 | 8.73E-11 | 2590 | 7.58E-11 | 2692 | 6.93E-11 | 2794 | 6.02E-11 | 2896 | 5.47E-11 | 2998 | 5.29E-11 | 3100 | 5.35E-11 |
| 1980 | 1.02E-10 | 2082 | 9.97E-11 | 2184 | 9.24E-11 | 2286 | 8.77E-11 | 2388 | 8.60E-11 | 2490 | 9.05E-11 | 2592 | 7.65E-11 | 2694 | 6.98E-11 | 2796 | 5.81E-11 | 2898 | 5.90E-11 | 3000 | 5.13E-11 | 3102 | 5.28E-11 |
| 1982 | 1.18E-10 | 2084 | 1.07E-10 | 2186 | 1.01E-10 | 2288 | 8.09E-11 | 2390 | 9.02E-11 | 2492 | 8.96E-11 | 2594 | 7.57E-11 | 2696 | 7.17E-11 | 2798 | 5.62E-11 | 2900 | 6.00E-11 | 3002 | 4.95E-11 | 3104 | 5.19E-11 |
| 1984 | 1.22E-10 | 2086 | 1.10E-10 | 2188 | 1.04E-10 | 2290 | 8.11E-11 | 2392 | 8.73E-11 | 2494 | 8.48E-11 | 2596 | 7.63E-11 | 2698 | 6.80E-11 | 2800 | 5.76E-11 | 2902 | 5.94E-11 | 3004 | 4.84E-11 | 3106 | 5.26E-11 |
| 1986 | 1.19E-10 | 2088 | 1.01E-10 | 2190 | 9.01E-11 | 2292 | 8.22E-11 | 2394 | 8.43E-11 | 2496 | 8.61E-11 | 2598 | 7.76E-11 | 2700 | 6.84E-11 | 2802 | 5.87E-11 | 2904 | 6.04E-11 | 3006 | 4.91E-11 | 3108 | 5.28E-11 |
| 1988 | 1.17E-10 | 2090 | 1.03E-10 | 2192 | 8.14E-11 | 2294 | 8.88E-11 | 2396 | 8.14E-11 | 2498 | 8.91E-11 | 2600 | 7.47E-11 | 2702 | 6.62E-11 | 2804 | 5.51E-11 | 2906 | 5.92E-11 | 3008 | 5.00E-11 | 3110 | 5.32E-11 |
| 1990 | 1.09E-10 | 2092 | 1.21E-10 | 2194 | 8.46E-11 | 2296 | 1.01E-10 | 2398 | 8.16E-11 | 2500 | 9.06E-11 | 2602 | 7.14E-11 | 2704 | 6.69E-11 | 2806 | 5.49E-11 | 2908 | 5.85E-11 | 3010 | 5.18E-11 | 3112 | 5.25E-11 |
| 1992 | 1.08E-10 | 2094 | 1.10E-10 | 2196 | 8.48E-11 | 2298 | 9.08E-11 | 2400 | 8.18E-11 | 2502 | 8.85E-11 | 2604 | 7.30E-11 | 2706 | 6.94E-11 | 2808 | 5.98E-11 | 2910 | 5.91E-11 | 3012 | 5.49E-11 | 3114 | 5.16E-11 |
| 1994 | 1.04E-10 | 2096 | 9.66E-11 | 2198 | 8.64E-11 | 2300 | 7.61E-11 | 2402 | 8.36E-11 | 2504 | 8.47E-11 | 2606 | 7.72E-11 | 2708 | 6.94E-11 | 2810 | 6.37E-11 | 2912 | 5.90E-11 | 3014 | 5.57E-11 | 3116 | 5.08E-11 |
| 1996 | 1.06E-10 | 2098 | 1.06E-10 | 2200 | 8.59E-11 | 2302 | 7.92E-11 | 2404 | 8.99E-11 | 2506 | 8.21E-11 | 2608 | 7.50E-11 | 2710 | 6.98E-11 | 2812 | 6.37E-11 | 2914 | 5.91E-11 | 3016 | 5.60E-11 | 3118 | 5.10E-11 |
| 1998 | 9.40E-11 | 2100 | 9.47E-11 | 2202 | 8.49E-11 | 2304 | 8.68E-11 | 2406 | 8.78E-11 | 2508 | 7.96E-11 | 2610 | 7.33E-11 | 2712 | 7.12E-11 | 2814 | 6.28E-11 | 2916 | 5.91E-11 | 3018 | 5.51E-11 | 3120 | 5.16E-11 |
| 2000 | 1.09E-10 | 2102 | 9.28E-11 | 2204 | 9.30E-11 | 2306 | 8.88E-11 | 2408 | 8.94E-11 | 2510 | 8.42E-11 | 2612 | 7.67E-11 | 2714 | 7.15E-11 | 2816 | 6.40E-11 | 2918 | 5.80E-11 | 3020 | 5.47E-11 | 3122 | 5.05E-11 |
| 2002 | 1.12E-10 | 2104 | 9.54E-11 | 2206 | 9.32E-11 | 2308 | 9.04E-11 | 2410 | 9.12E-11 | 2512 | 8.68E-11 | 2614 | 8.02E-11 | 2716 | 7.08E-11 | 2818 | 6.56E-11 | 2920 | 5.78E-11 | 3022 | 5.46E-11 | 3124 | 4.87E-11 |
| 2004 | 1.12E-10 | 2106 | 9.13E-11 | 2208 | 8.77E-11 | 2310 | 9.29E-11 | 2412 | 8.92E-11 | 2514 | 8.30E-11 | 2616 | 7.95E-11 | 2718 | 7.14E-11 | 2820 | 6.49E-11 | 2922 | 5.67E-11 | 3024 | 5.45E-11 | 3126 | 4.71E-11 |
| 2006 | 1.14E-10 | 2108 | 9.42E-11 | 2210 | 9.06E-11 | 2312 | 9.49E-11 | 2414 | 8.43E-11 | 2516 | 8.30E-11 | 2618 | 7.68E-11 | 2720 | 6.94E-11 | 2822 | 6.31E-11 | 2924 | 5.53E-11 | 3026 | 5.55E-11 | 3128 | 4.69E-11 |
| 2008 | 1.05E-10 | 2110 | 1.07E-10 | 2212 | 8.39E-11 | 2314 | 9.83E-11 | 2416 | 8.27E-11 | 2518 | 8.47E-11 | 2620 | 7.63E-11 | 2722 | 6.74E-11 | 2824 | 6.22E-11 | 2926 | 5.21E-11 | 3028 | 5.54E-11 | 3130 | 4.77E-11 |
| 2010 | 1.10E-10 | 2112 | 1.08E-10 | 2214 | 9.05E-11 | 2316 | 9.53E-11 | 2418 | 8.86E-11 | 2520 | 8.72E-11 | 2622 | 7.83E-11 | 2724 | 6.52E-11 | 2826 | 6.15E-11 | 2928 | 5.09E-11 | 3030 | 5.63E-11 | 3132 | 4.83E-11 |
| 2012 | 1.18E-10 | 2114 | 1.03E-10 | 2216 | 9.89E-11 | 2318 | 9.19E-11 | 2420 | 9.04E-11 | 2522 | 8.13E-11 | 2624 | 7.81E-11 | 2726 | 6.50E-11 | 2828 | 6.18E-11 | 2930 | 5.17E-11 | 3032 | 5.62E-11 | 3134 | 5.02E-11 |
| 2014 | 1.38E-10 | 2116 | 1.06E-10 | 2218 | 9.45E-11 | 2320 | 8.79E-11 | 2422 | 8.62E-11 | 2524 | 7.85E-11 | 2626 | 7.78E-11 | 2728 | 6.50E-11 | 2830 | 6.21E-11 | 2932 | 5.27E-11 | 3034 | 5.46E-11 | 3136 | 5.27E-11 |
| 2016 | 1.38E-10 | 2118 | 1.04E-10 | 2220 | 8.45E-11 | 2322 | 8.88E-11 | 2424 | 8.51E-11 | 2526 | 8.37E-11 | 2628 | 7.80E-11 | 2730 | 6.69E-11 | 2832 | 6.13E-11 | 2934 | 5.49E-11 | 3036 | 5.34E-11 | 3138 | 5.42E-11 |
| 2018 | 1.13E-10 | 2120 | 1.08E-10 | 2222 | 8.55E-11 | 2324 | 9.41E-11 | 2426 | 8.55E-11 | 2528 | 8.67E-11 | 2630 | 7.57E-11 | 2732 | 6.85E-11 | 2834 | 6.39E-11 | 2936 | 5.55E-11 | 3038 | 5.31E-11 | 3140 | 5.45E-11 |
| 2020 | 1.13E-10 | 2122 | 1.26E-10 | 2224 | 9.10E-11 | 2326 | 9.52E-11 | 2428 | 8.64E-11 | 2530 | 8.33E-11 | 2632 | 7.50E-11 | 2734 | 6.79E-11 | 2836 | 6.35E-11 | 2938 | 5.59E-11 | 3040 | 5.29E-11 | 3142 | 5.42E-11 |
| 2022 | 1.28E-10 | 2124 | 9.32E-11 | 2226 | 9.09E-11 | 2328 | 9.11E-11 | 2430 | 8.45E-11 | 2532 | 8.11E-11 | 2634 | 7.36E-11 | 2736 | 6.97E-11 | 2838 | 6.22E-11 | 2940 | 5.57E-11 | 3042 | 5.15E-11 | 3144 | 5.38E-11 |
| 2024 | 1.32E-10 | 2126 | 9.63E-11 | 2228 | 8.31E-11 | 2330 | 9.21E-11 | 2432 | 7.90E-11 | 2534 | 8.29E-11 | 2636 | 7.28E-11 | 2738 | 6.93E-11 | 2840 | 6.35E-11 | 2942 | 5.46E-11 | 3044 | 5.03E-11 | 3146 | 5.35E-11 |
| 2026 | 1.26E-10 | 2128 | 1.14E-10 | 2230 | 8.44E-11 | 2332 | 8.53E-11 | 2434 | 8.43E-11 | 2536 | 7.91E-11 | 2638 | 7.62E-11 | 2740 | 6.86E-11 | 2842 | 6.39E-11 | 2944 | 5.45E-11 | 3046 | 5.09E-11 | 3148 | 5.42E-11 |
| 2028 | 1.19E-10 | 2130 | 1.11E-10 | 2232 | 8.74E-11 | 2334 | 8.38E-11 | 2436 | 8.32E-11 | 2538 | 7.54E-11 | 2640 | 7.58E-11 | 2742 | 6.74E-11 | 2844 | 6.34E-11 | 2946 | 5.41E-11 | 3048 | 5.25E-11 | 3150 | 5.55E-11 |
| 2030 | 1.16E-10 | 2132 | 1.01E-10 | 2234 | 8.38E-11 | 2336 | 9.30E-11 | 2438 | 8.40E-11 | 2540 | 7.74E-11 | 2642 | 7.38E-11 | 2744 | 6.61E-11 | 2846 | 6.22E-11 | 2948 | 5.39E-11 | 3050 | 5.29E-11 | 3152 | 5.51E-11 |
| 2032 | 1.14E-10 | 2134 | 9.34E-11 | 2236 | 7.80E-11 | 2338 | 9.77E-11 | 2440 | 8.84E-11 | 2542 | 8.03E-11 | 2644 | 7.23E-11 | 2746 | 6.81E-11 | 2848 | | 2950 | 5.47E-11 | 3052 | 5.26E-11 | 3154 | 5.30E-11 |
| 2034 | 1.08E-10 | 2136 | 9.88E-11 | 2238 | 8.41E-11 | 2340 | 9.60E-11 | 2442 | 8.76E-11 | 2544 | 8.03E-11 | 2646 | | 2748 | 6.76E-11 | 2850 | | 2952 | 5.51E-11 | 3054 | | 3156 | 5.12E-11 |
| 2036 | 1.16E-10 | 2138 | 9.90E-11 | 2240 | 9.37E-11 | 2342 | 8.90E-11 | 2444 | 8.41E-11 | 2546 | 7.63E-11 | 2648 | 7.26E-11 | 2750 | 6.77E-11 | 2852 | | 2954 | 5.50E-11 | 3056 | | 3158 | 5.07E-11 |
| 2038 | 1.06E-10 | 2140 | 9.59E-11 | 2242 | 9.83E-11 | 2344 | 8.33E-11 | 2446 | 8.56E-11 | 2548 | 7.53E-11 | 2650 | 7.40E-11 | 2752 | 6.61E-11 | 2854 | | 2956 | 5.69E-11 | 3058 | | 3160 | 5.06E-11 |
| 2040 | 9.23E-11 | 2142 | 9.99E-11 | 2244 | 9.07E-11 | 2346 | 7.98E-11 | 2448 | 8.66E-11 | 2550 | 7.74E-11 | 2652 | 7.75E-11 | 2754 | 6.37E-11 | 2856 | 6.10E-11 | 2958 | 5.85E-11 | 3060 | | 3162 | 4.88E-11 |
| 2042 | 1.04E-10 | 2144 | 9.02E-11 | 2246 | 9.04E-11 | 2348 | 8.16E-11 | 2450 | 8.54E-11 | 2552 | 8.06E-11 | 2654 | 7.87E-11 | 2756 | 6.39E-11 | 2858 | 6.07E-11 | 2960 | 5.68E-11 | 3062 | 5.05E-11 | 3164 | 4.67E-11 |
| 2044 | 1.11E-10 | 2146 | 8.81E-11 | 2248 | 9.57E-11 | 2350 | 8.74E-11 | 2452 | 8.69E-11 | 2554 | 8.17E-11 | 2656 | 7.50E-11 | 2758 | 6.55E-11 | 2860 | 5.96E-11 | 2962 | 5.35E-11 | 3064 | 4.99E-11 | 3166 | 4.58E-11 |
| 2046 | 1.07E-10 | 2148 | 9.49E-11 | 2250 | 9.12E-11 | 2352 | 8.86E-11 | 2454 | 9.04E-11 | 2556 | 8.07E-11 | 2658 | 7.27E-11 | 2760 | 6.59E-11 | 2862 | 6.08E-11 | 2964 | 5.23E-11 | 3066 | 5.22E-11 | 3168 | 4.43E-11 |
| 2048 | 1.08E-10 | 2150 | 8.27E-11 | 2252 | 8.37E-11 | 2354 | 8.35E-11 | 2456 | 8.70E-11 | 2558 | 8.15E-11 | 2660 | 7.40E-11 | 2762 | 6.61E-11 | 2864 | 6.12E-11 | 2966 | 5.29E-11 | 3068 | 5.35E-11 | 3170 | 4.33E-11 |
| 2050 | 1.03E-10 | 2152 | 8.12E-11 | 2254 | 8.87E-11 | 2356 | 8.38E-11 | 2458 | 8.28E-11 | 2560 | 8.24E-11 | 2662 | 7.18E-11 | 2764 | 6.72E-11 | 2866 | 6.09E-11 | 2968 | 5.43E-11 | 3070 | 5.23E-11 | 3172 | 4.44E-11 |
| 2052 | 1.05E-10 | 2154 | 1.03E-10 | 2256 | 8.84E-11 | 2358 | 8.74E-11 | 2460 | 8.48E-11 | 2562 | 8.00E-11 | 2664 | 6.88E-11 | 2766 | 6.70E-11 | 2868 | 6.05E-11 | 2970 | 5.53E-11 | 3072 | 5.19E-11 | 3174 | 4.61E-11 |
| 2054 | 1.16E-10 | 2156 | 1.07E-10 | 2258 | 8.76E-11 | 2360 | 8.88E-11 | 2462 | 8.36E-11 | 2564 | 8.13E-11 | 2666 | 6.79E-11 | 2768 | 6.68E-11 | 2870 | 5.94E-11 | 2972 | 5.41E-11 | 3074 | 5.19E-11 | 3176 | 4.79E-11 |
| 2056 | 1.26E-10 | 2158 | 1.03E-10 | 2260 | 8.33E-11 | 2362 | 9.07E-11 | 2464 | 8.35E-11 | 2566 | 7.91E-11 | 2668 | 6.89E-11 | 2770 | 6.61E-11 | 2872 | 5.99E-11 | 2974 | 5.43E-11 | 3076 | 5.23E-11 | 3178 | 4.98E-11 |
| 2058 | 1.21E-10 | 2160 | 1.02E-10 | 2262 | 8.46E-11 | 2364 | 8.72E-11 | 2466 | 8.43E-11 | 2568 | 8.12E-11 | 2670 | 7.15E-11 | 2772 | 6.58E-11 | 2874 | 6.05E-11 | 2976 | 5.67E-11 | 3078 | 5.26E-11 | 3180 | 5.13E-11 |
| 2060 | 1.09E-10 | 2162 | 9.28E-11 | 2264 | 8.66E-11 | 2366 | 8.76E-11 | 2468 | 8.45E-11 | 2570 | 8.34E-11 | 2672 | 7.24E-11 | 2774 | 6.74E-11 | 2876 | 6.06E-11 | 2978 | 5.75E-11 | 3080 | 5.12E-11 | 3182 | 5.25E-11 |
| 2062 | 9.38E-11 | 2164 | 9.34E-11 | 2266 | 8.56E-11 | 2368 | 9.06E-11 | 2470 | 8.85E-11 | 2572 | 7.95E-11 | 2674 | 7.27E-11 | 2776 | 6.75E-11 | 2878 | 6.12E-11 | 2980 | 5.74E-11 | 3082 | 4.84E-11 | 3184 | 5.24E-11 |
| 2064 | 9.62E-11 | 2166 | 9.68E-11 | 2268 | 8.18E-11 | 2370 | 8.68E-11 | 2472 | 8.57E-11 | 2574 | 7.72E-11 | 2676 | 7.25E-11 | 2778 | 6.79E-11 | 2880 | 5.99E-11 | 2982 | 5.67E-11 | 3084 | 4.63E-11 | 3186 | 5.12E-11 |
| 2066 | 1.04E-10 | 2168 | 9.50E-11 | 2270 | 8.16E-11 | 2372 | 9.00E-11 | 2474 | 8.26E-11 | 2576 | 7.68E-11 | 2678 | 7.23E-11 | 2780 | 6.49E-11 | 2882 | 6.09E-11 | 2984 | 5.67E-11 | 3086 | 4.66E-11 | 3188 | 5.16E-11 |
| 2068 | 9.97E-11 | 2170 | 1.06E-10 | 2272 | 8.22E-11 | 2374 | 8.54E-11 | 2476 | 8.14E-11 | 2578 | 7.44E-11 | 2680 | 7.26E-11 | 2782 | 6.41E-11 | 2884 | 6.11E-11 | 2986 | 5.56E-11 | 3088 | 4.72E-11 | 3190 | 5.27E-11 |
| 2070 | 1.01E-10 | 2172 | 9.84E-11 | 2274 | 8.98E-11 | 2376 | 8.75E-11 | 2478 | 8.60E-11 | 2580 | 7.51E-11 | 2682 | 7.14E-11 | 2784 | 6.48E-11 | 2886 | 5.97E-11 | 2988 | 5.42E-11 | 3090 | 4.85E-11 | 3192 | 5.14E-11 |
| 2072 | 9.92E-11 | 2174 | 8.98E-11 | 2276 | 8.88E-11 | 2378 | 8.30E-11 | 2480 | 8.78E-11 | 2582 | 7.17E-11 | 2684 | 7.15E-11 | 2786 | 6.60E-11 | 2888 | 6.06E-11 | 2990 | 5.35E-11 | 3092 | 4.90E-11 | 3194 | 4.98E-11 |
| 2074 | 1.09E-10 | 2176 | 9.86E-11 | 2278 | 9.36E-11 | 2380 | 8.42E-11 | 2482 | 8.35E-11 | 2584 | 7.15E-11 | 2686 | 7.35E-11 | 2788 | 6.41E-11 | 2890 | 5.82E-11 | 2992 | 5.25E-11 | 3094 | 5.05E-11 | 3196 | 5.10E-11 |
| 2076 | 1.30E-10 | 2178 | 9.40E-11 | 2280 | 8.84E-11 | 2382 | 8.76E-11 | 2484 | 8.48E-11 | 2586 | 7.13E-11 | 2688 | 7.23E-11 | 2790 | 6.16E-11 | 2892 | 5.46E-11 | 2994 | 5.30E-11 | 3096 | 5.14E-11 | 3198 | 5.15E-11 |


HD 166197 B1 V V=6.16 (B−V)=−0.14 E(B−V)=0.12
LAP: LWP 12981
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

**HD 215733 B1 II V=7.34 (B-V)=-0.13 E(B-V)=0.11**

**LAP: SWP 34697**

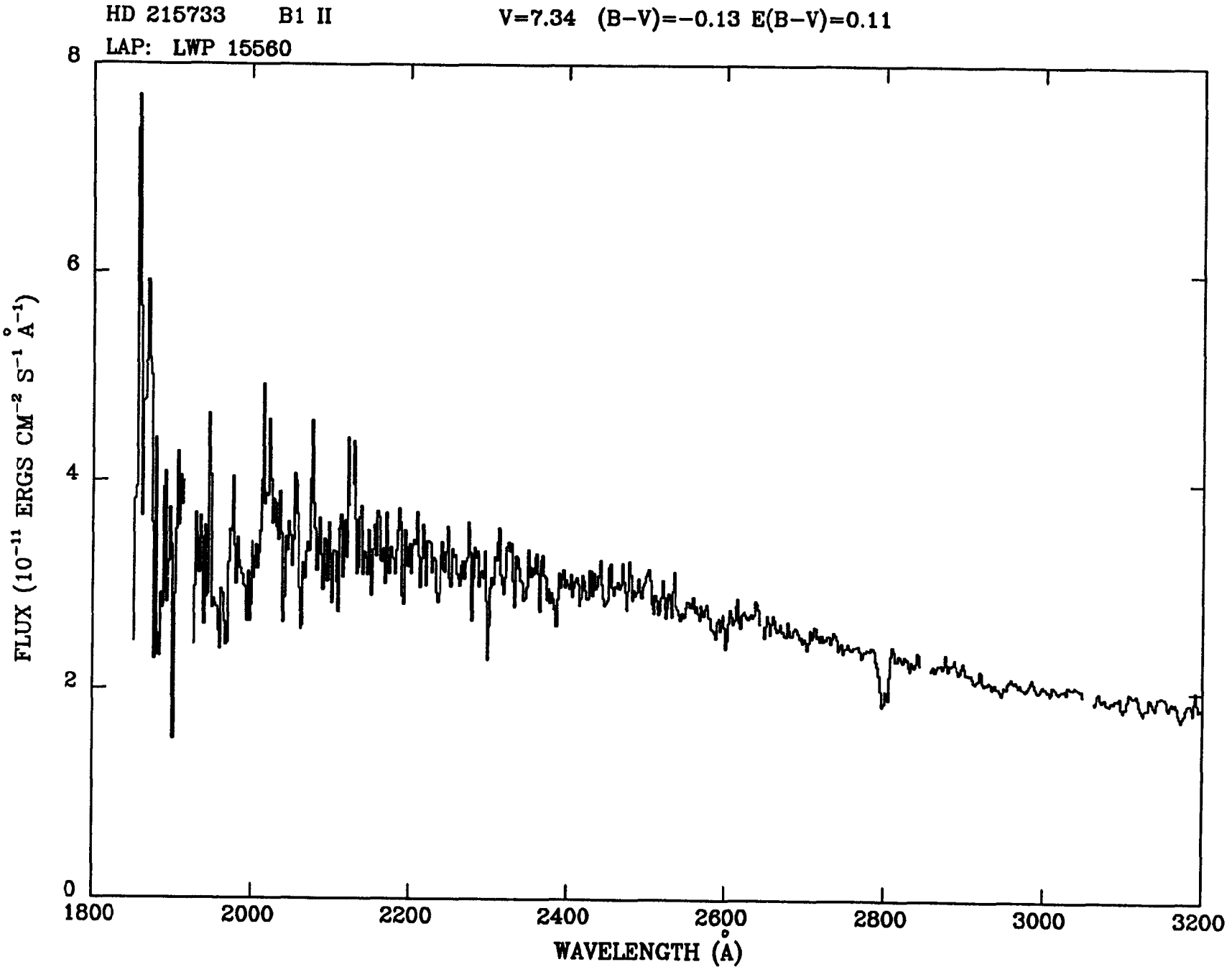
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 5.30E-11 | 1222 | 5.54E-11 | 1292 | 7.42E-11 | 1362 | 7.35E-11 | 1432 | 6.28E-11 | 1502 | 5.38E-11 | 1572 | 5.05E-11 | 1642 | 5.02E-11 | 1712 | 4.24E-11 | 1782 | 4.64E-11 | 1852 | 3.31E-11 | 1922 | 2.55E-11 |
| 1154 | 5.08E-11 | 1224 | 6.13E-11 | 1294 | 6.72E-11 | 1364 | 7.71E-11 | 1434 | 6.44E-11 | 1504 | 5.49E-11 | 1574 | 4.84E-11 | 1644 | 5.23E-11 | 1714 | 4.20E-11 | 1784 | 4.58E-11 | 1854 | 3.46E-11 | 1924 | |
| 1156 | 5.82E-11 | 1226 | 6.33E-11 | 1296 | 6.28E-11 | 1366 | 7.70E-11 | 1436 | 6.46E-11 | 1506 | 5.91E-11 | 1576 | 4.74E-11 | 1646 | 5.31E-11 | 1716 | 3.97E-11 | 1786 | 4.46E-11 | 1856 | 3.61E-11 | 1926 | |
| 1158 | 6.20E-11 | 1228 | 6.54E-11 | 1298 | 5.84E-11 | 1368 | 7.75E-11 | 1438 | 6.71E-11 | 1508 | 5.98E-11 | 1578 | 4.60E-11 | 1648 | 5.29E-11 | 1718 | 3.72E-11 | 1788 | 4.27E-11 | 1858 | 3.62E-11 | 1928 | 2.59E-11 |
| 1160 | 6.20E-11 | 1230 | 7.00E-11 | 1300 | 5.51E-11 | 1370 | 7.58E-11 | 1440 | 6.59E-11 | 1510 | 5.51E-11 | 1580 | 4.55E-11 | 1650 | 5.21E-11 | 1720 | 3.64E-11 | 1790 | 4.08E-11 | 1860 | 3.53E-11 | 1930 | 2.90E-11 |
| 1162 | 6.90E-11 | 1232 | 7.17E-11 | 1302 | 6.27E-11 | 1372 | 7.35E-11 | 1442 | 6.77E-11 | 1512 | 5.24E-11 | 1582 | 4.93E-11 | 1652 | 5.03E-11 | 1722 | 3.70E-11 | 1792 | | 1862 | 3.48E-11 | 1932 | 3.15E-11 |
| 1164 | 6.98E-11 | 1234 | 6.89E-11 | 1304 | 7.25E-11 | 1374 | 6.85E-11 | 1444 | 6.91E-11 | 1514 | 5.33E-11 | 1584 | 5.22E-11 | 1654 | 4.88E-11 | 1724 | 3.90E-11 | 1794 | | 1864 | 3.57E-11 | 1934 | 3.26E-11 |
| 1166 | 6.84E-11 | 1236 | 7.13E-11 | 1306 | 8.58E-11 | 1376 | 6.84E-11 | 1446 | 6.51E-11 | 1516 | 5.27E-11 | 1586 | 5.42E-11 | 1656 | 4.69E-11 | 1726 | 4.35E-11 | 1796 | | 1866 | 3.68E-11 | 1936 | 3.08E-11 |
| 1168 | 5.96E-11 | 1238 | 8.22E-11 | 1308 | 8.74E-11 | 1378 | 7.04E-11 | 1448 | 6.68E-11 | 1518 | 5.43E-11 | 1588 | 5.45E-11 | 1658 | 4.69E-11 | 1728 | 4.48E-11 | 1798 | 4.79E-11 | 1868 | 3.73E-11 | 1938 | 2.98E-11 |
| 1170 | 4.82E-11 | 1240 | 8.64E-11 | 1310 | 8.67E-11 | 1380 | 6.57E-11 | 1450 | 6.61E-11 | 1520 | 5.74E-11 | 1590 | 5.28E-11 | 1660 | 4.68E-11 | 1730 | 4.51E-11 | 1800 | 4.86E-11 | 1870 | 3.78E-11 | 1940 | 2.99E-11 |
| 1172 | 3.47E-11 | 1242 | 8.98E-11 | 1312 | 8.70E-11 | 1382 | 6.54E-11 | 1452 | 6.61E-11 | 1522 | 5.62E-11 | 1592 | 5.13E-11 | 1662 | | 1732 | 4.73E-11 | 1802 | 4.74E-11 | 1872 | 3.87E-11 | 1942 | 3.08E-11 |
| 1174 | 3.67E-11 | 1244 | 8.15E-11 | 1314 | 8.53E-11 | 1384 | 6.36E-11 | 1454 | 6.38E-11 | 1524 | 4.96E-11 | 1594 | 4.75E-11 | 1664 | | 1734 | 4.76E-11 | 1804 | 4.56E-11 | 1874 | 3.94E-11 | 1944 | 3.10E-11 |
| 1176 | 4.48E-11 | 1246 | 7.17E-11 | 1316 | 8.16E-11 | 1386 | 5.88E-11 | 1456 | 6.57E-11 | 1526 | 4.58E-11 | 1596 | 4.68E-11 | 1666 | 4.91E-11 | 1736 | 4.72E-11 | 1806 | 4.36E-11 | 1876 | 3.87E-11 | 1946 | 3.03E-11 |
| 1178 | 5.74E-11 | 1248 | 7.34E-11 | 1318 | 8.82E-11 | 1388 | 4.95E-11 | 1458 | 6.61E-11 | 1528 | 4.49E-11 | 1598 | 4.76E-11 | 1668 | 4.66E-11 | 1738 | 4.57E-11 | 1808 | 4.20E-11 | 1878 | 3.62E-11 | 1948 | 2.89E-11 |
| 1180 | 6.40E-11 | 1250 | 7.69E-11 | 1320 | 8.47E-11 | 1390 | 4.10E-11 | 1460 | 6.61E-11 | 1530 | 4.29E-11 | 1600 | 4.60E-11 | 1670 | 4.45E-11 | 1740 | 4.41E-11 | 1810 | 4.15E-11 | 1880 | 3.31E-11 | 1950 | 2.74E-11 |
| 1182 | 6.42E-11 | 1252 | 7.60E-11 | 1322 | 7.80E-11 | 1392 | 3.74E-11 | 1462 | 6.54E-11 | 1532 | 4.18E-11 | 1602 | 4.36E-11 | 1672 | 4.72E-11 | 1742 | 4.45E-11 | 1812 | 4.20E-11 | 1882 | 3.06E-11 | 1952 | 2.64E-11 |
| 1184 | 6.46E-11 | 1254 | 7.92E-11 | 1324 | 7.68E-11 | 1394 | 4.33E-11 | 1464 | 6.47E-11 | 1534 | 4.20E-11 | 1604 | 4.22E-11 | 1674 | 4.93E-11 | 1744 | 4.39E-11 | 1814 | 4.29E-11 | 1884 | 2.93E-11 | 1954 | 2.63E-11 |
| 1186 | 6.50E-11 | 1256 | 7.61E-11 | 1326 | | 1396 | 4.99E-11 | 1466 | 6.02E-11 | 1536 | 4.18E-11 | 1606 | 4.21E-11 | 1676 | 5.29E-11 | 1746 | 4.28E-11 | 1816 | 4.33E-11 | 1886 | 2.79E-11 | 1956 | 2.65E-11 |
| 1188 | 5.41E-11 | 1258 | 7.20E-11 | 1328 | | 1398 | 4.62E-11 | 1468 | 5.97E-11 | 1538 | 3.83E-11 | 1608 | 4.14E-11 | 1678 | 5.45E-11 | 1748 | 4.27E-11 | 1818 | 4.27E-11 | 1888 | 2.75E-11 | 1958 | 2.67E-11 |
| 1190 | 5.04E-11 | 1260 | 7.43E-11 | 1330 | 7.64E-11 | 1400 | 4.37E-11 | 1470 | 6.26E-11 | 1540 | 3.23E-11 | 1610 | 4.04E-11 | 1680 | 5.39E-11 | 1750 | 4.22E-11 | 1820 | 4.24E-11 | 1890 | 2.66E-11 | 1960 | 2.70E-11 |
| 1192 | 4.91E-11 | 1262 | 8.35E-11 | 1332 | 6.64E-11 | 1402 | 4.54E-11 | 1472 | 6.44E-11 | 1542 | 2.02E-11 | 1612 | 4.23E-11 | 1682 | 5.15E-11 | 1752 | 4.46E-11 | 1822 | 4.19E-11 | 1892 | 2.62E-11 | 1962 | 2.76E-11 |
| 1194 | | 1264 | 8.01E-11 | 1334 | 6.10E-11 | 1404 | 5.62E-11 | 1474 | 6.18E-11 | 1544 | 1.51E-11 | 1614 | 4.57E-11 | 1684 | 5.09E-11 | 1754 | 4.92E-11 | 1824 | 4.22E-11 | 1894 | 2.73E-11 | 1964 | 2.92E-11 |
| 1196 | | 1266 | 8.59E-11 | 1336 | 7.11E-11 | 1406 | 6.54E-11 | 1476 | 6.42E-11 | 1546 | 1.81E-11 | 1616 | 4.42E-11 | 1686 | 5.11E-11 | 1756 | 5.15E-11 | 1826 | 4.34E-11 | 1896 | 2.99E-11 | 1966 | 3.22E-11 |
| 1198 | | 1268 | 8.77E-11 | 1338 | 8.01E-11 | 1408 | 6.61E-11 | 1478 | 6.61E-11 | 1548 | 2.84E-11 | 1618 | 4.36E-11 | 1688 | 5.02E-11 | 1758 | 5.01E-11 | 1828 | 4.34E-11 | 1898 | 3.12E-11 | 1968 | 3.51E-11 |
| 1200 | 3.45E-11 | 1270 | 8.96E-11 | 1340 | 7.57E-11 | 1410 | 6.54E-11 | 1480 | 6.56E-11 | 1550 | 4.01E-11 | 1620 | 4.44E-11 | 1690 | 4.79E-11 | 1760 | 4.88E-11 | 1830 | 4.33E-11 | 1900 | 3.07E-11 | 1970 | 3.61E-11 |
| 1202 | 3.57E-11 | 1272 | 8.86E-11 | 1342 | 6.90E-11 | 1412 | 6.45E-11 | 1482 | 6.39E-11 | 1552 | 4.78E-11 | 1622 | 4.36E-11 | 1692 | 4.66E-11 | 1762 | 4.68E-11 | 1832 | 4.44E-11 | 1902 | 3.08E-11 | 1972 | 3.59E-11 |
| 1204 | 3.53E-11 | 1274 | 8.43E-11 | 1344 | 7.27E-11 | 1414 | 6.25E-11 | 1484 | 6.36E-11 | 1554 | 5.00E-11 | 1624 | 4.59E-11 | 1694 | 4.61E-11 | 1764 | 4.74E-11 | 1834 | 4.39E-11 | 1904 | 3.07E-11 | 1974 | 3.50E-11 |
| 1206 | 3.34E-11 | 1276 | 8.97E-11 | 1346 | 7.88E-11 | 1416 | 5.86E-11 | 1486 | 6.53E-11 | 1556 | 4.78E-11 | 1626 | 4.57E-11 | 1696 | 4.80E-11 | 1766 | 4.64E-11 | 1836 | 4.23E-11 | 1906 | 3.08E-11 | | |
| 1208 | 2.98E-11 | 1278 | 8.62E-11 | 1348 | 8.18E-11 | 1418 | 6.15E-11 | 1488 | 6.84E-11 | 1558 | 4.77E-11 | 1628 | 4.25E-11 | 1698 | 4.69E-11 | 1768 | 4.37E-11 | 1838 | 3.98E-11 | 1908 | 3.06E-11 | | |
| 1210 | 2.17E-11 | 1280 | 9.05E-11 | 1350 | 8.41E-11 | 1420 | 6.31E-11 | 1490 | 6.60E-11 | 1560 | 4.55E-11 | 1630 | 4.26E-11 | 1700 | 4.58E-11 | 1770 | 4.14E-11 | 1840 | 3.67E-11 | 1910 | 2.90E-11 | | |
| 1212 | 1.40E-11 | 1282 | 8.87E-11 | 1352 | 8.12E-11 | 1422 | 6.07E-11 | 1492 | 6.17E-11 | 1562 | 4.56E-11 | 1632 | 4.51E-11 | 1702 | 4.53E-11 | 1772 | 4.14E-11 | 1842 | 3.37E-11 | 1912 | 2.76E-11 | | |
| 1214 | 8.82E-12 | 1284 | 8.47E-11 | 1354 | 8.07E-11 | 1424 | 6.13E-11 | 1494 | 6.01E-11 | 1564 | 4.63E-11 | 1634 | 4.92E-11 | 1704 | 4.54E-11 | 1774 | 4.26E-11 | 1844 | 3.31E-11 | 1914 | 2.63E-11 | | |
| 1216 | 1.29E-11 | 1286 | 8.35E-11 | 1356 | 7.91E-11 | 1426 | 5.77E-11 | 1496 | 6.15E-11 | 1566 | 4.60E-11 | 1636 | 5.17E-11 | 1706 | 4.64E-11 | 1776 | 4.31E-11 | 1846 | 3.35E-11 | 1916 | 2.62E-11 | | |
| 1218 | 2.44E-11 | 1288 | 8.27E-11 | 1358 | 7.98E-11 | 1428 | 5.80E-11 | 1498 | 5.79E-11 | 1568 | 4.76E-11 | 1638 | 4.97E-11 | 1708 | 4.41E-11 | 1778 | 4.46E-11 | 1848 | 3.32E-11 | 1918 | 2.62E-11 | | |
| 1220 | 4.02E-11 | 1290 | 8.03E-11 | 1360 | 7.60E-11 | 1430 | 5.88E-11 | 1500 | 5.37E-11 | 1570 | 4.80E-11 | 1640 | 4.77E-11 | 1710 | 4.33E-11 | 1780 | 4.59E-11 | 1850 | 3.29E-11 | 1920 | 2.61E-11 | | |


HD 215733 B1 II V=7.34 (B-V)=-0.13 E(B-V)=0.11
LAP: SWP 34697
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

HD 215733 B1 II V=7.34 (B-V)=-0.13 E(B-V)=0.11

LAP: LWP 15560

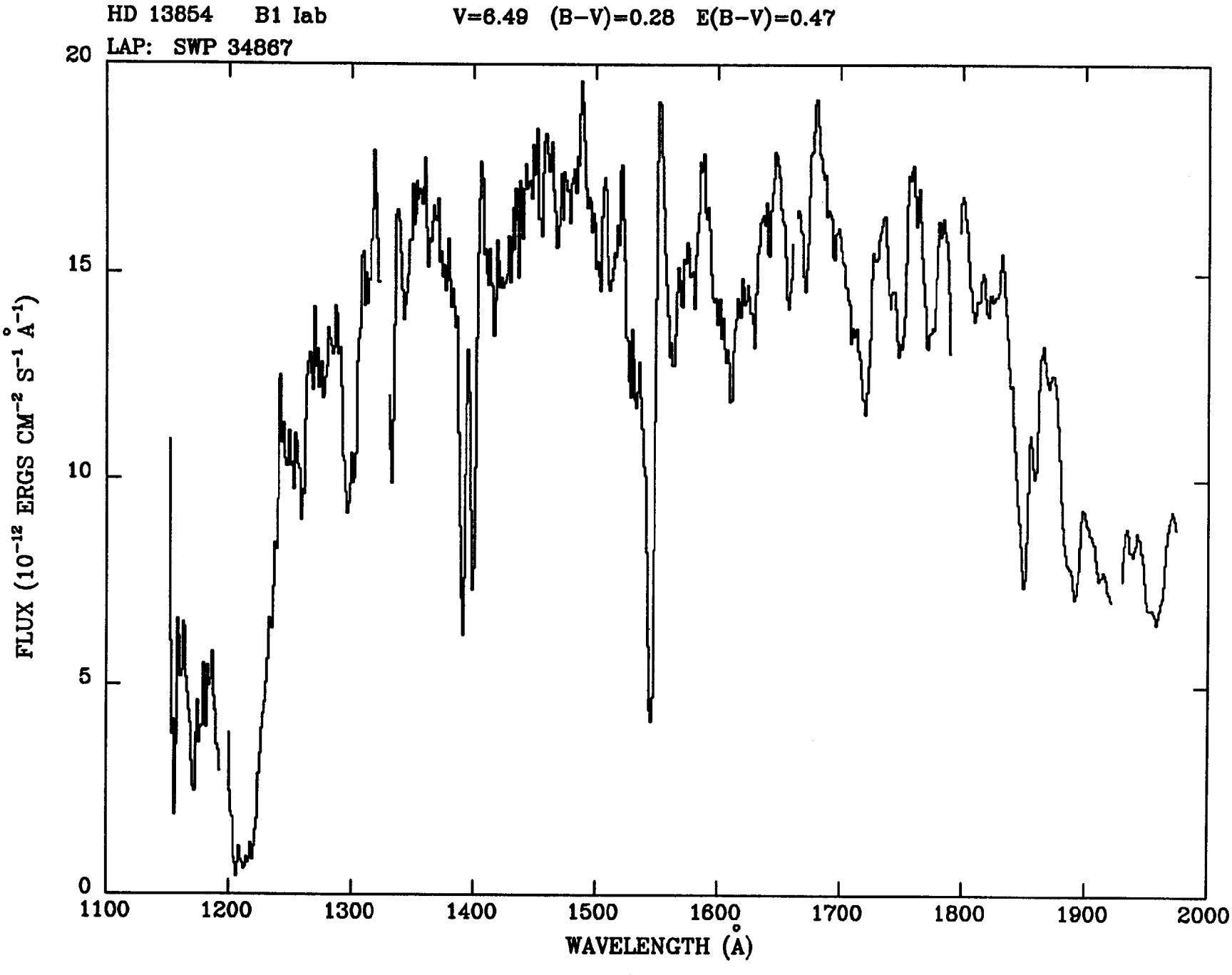
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.84E-11 | 2078 | 4.19E-11 | 2180 | 3.25E-11 | 2282 | 3.27E-11 | 2384 | 2.75E-11 | 2486 | 2.93E-11 | 2588 | 2.57E-11 | 2690 | 2.60E-11 | 2792 | 2.21E-11 | 2894 | 2.18E-11 | 2996 | 2.03E-11 | 3098 | 1.85E-11 |
| 1978 | 3.62E-11 | 2080 | 3.66E-11 | 2182 | 3.16E-11 | 2284 | 3.31E-11 | 2386 | 2.69E-11 | 2488 | 2.94E-11 | 2590 | 2.68E-11 | 2692 | 2.56E-11 | 2794 | 2.09E-11 | 2896 | 2.20E-11 | 2998 | 2.06E-11 | 3100 | 1.83E-11 |
| 1980 | 3.11E-11 | 2082 | 3.29E-11 | 2184 | 3.40E-11 | 2286 | 3.33E-11 | 2388 | 2.97E-11 | 2490 | 3.06E-11 | 2592 | 2.65E-11 | 2694 | 2.51E-11 | 2796 | 1.93E-11 | 2898 | 2.24E-11 | 3000 | 2.05E-11 | 3102 | 1.86E-11 |
| 1982 | 3.37E-11 | 2084 | 3.37E-11 | 2186 | 3.60E-11 | 2288 | 3.05E-11 | 2390 | 3.07E-11 | 2492 | 2.97E-11 | 2594 | 2.61E-11 | 2696 | 2.52E-11 | 2798 | 1.88E-11 | 2900 | 2.27E-11 | 3002 | 2.04E-11 | 3104 | 1.88E-11 |
| 1984 | 3.27E-11 | 2086 | 3.61E-11 | 2188 | 3.70E-11 | 2290 | 3.11E-11 | 2392 | 3.03E-11 | 2494 | 2.90E-11 | 2596 | 2.70E-11 | 2698 | 2.48E-11 | 2800 | 1.97E-11 | 2902 | 2.21E-11 | 3004 | 2.01E-11 | 3106 | 1.96E-11 |
| 1986 | 3.17E-11 | 2088 | 3.35E-11 | 2190 | 3.30E-11 | 2292 | 3.15E-11 | 2394 | 3.12E-11 | 2496 | 3.01E-11 | 2598 | 2.66E-11 | 2700 | 2.50E-11 | 2802 | 1.98E-11 | 2904 | 2.17E-11 | 3006 | 2.01E-11 | 3108 | 2.00E-11 |
| 1988 | 3.10E-11 | 2090 | 3.00E-11 | 2192 | 2.87E-11 | 2294 | 3.09E-11 | 2396 | 3.06E-11 | 2498 | 3.05E-11 | 2600 | 2.46E-11 | 2702 | 2.46E-11 | 2804 | 1.93E-11 | 2906 | 2.17E-11 | 3008 | 1.98E-11 | 3110 | 1.98E-11 |
| 1990 | 3.00E-11 | 2092 | 3.43E-11 | 2194 | 3.22E-11 | 2296 | 3.27E-11 | 2398 | 3.04E-11 | 2500 | 3.11E-11 | 2602 | 2.47E-11 | 2704 | 2.43E-11 | 2806 | 2.13E-11 | 2908 | 2.17E-11 | 3010 | 2.00E-11 | 3112 | 1.96E-11 |
| 1992 | 2.92E-11 | 2094 | 3.39E-11 | 2196 | 3.43E-11 | 2298 | 2.75E-11 | 2400 | 3.03E-11 | 2502 | 3.15E-11 | 2604 | 2.63E-11 | 2706 | 2.53E-11 | 2808 | 2.34E-11 | 2910 | 2.15E-11 | 3012 | 2.06E-11 | 3114 | 1.96E-11 |
| 1994 | 2.78E-11 | 2096 | 3.13E-11 | 2198 | 3.24E-11 | 2300 | 2.37E-11 | 2402 | 2.99E-11 | 2504 | 3.13E-11 | 2606 | 2.77E-11 | 2708 | 2.55E-11 | 2810 | 2.43E-11 | 2912 | 2.11E-11 | 3014 | 2.05E-11 | 3116 | 1.98E-11 |
| 1996 | 3.00E-11 | 2098 | 3.53E-11 | 2200 | 3.36E-11 | 2302 | 2.75E-11 | 2404 | 3.10E-11 | 2506 | 2.96E-11 | 2608 | 2.72E-11 | 2710 | 2.52E-11 | 2812 | 2.37E-11 | 2914 | 2.09E-11 | 3016 | 2.02E-11 | 3118 | 1.95E-11 |
| 1998 | 2.71E-11 | 2100 | 3.16E-11 | 2202 | 3.18E-11 | 2304 | 3.03E-11 | 2406 | 2.92E-11 | 2508 | 2.79E-11 | 2610 | 2.65E-11 | 2712 | 2.59E-11 | 2814 | 2.30E-11 | 2916 | 2.10E-11 | 3018 | 2.00E-11 | 3120 | 1.89E-11 |
| 2000 | 3.18E-11 | 2102 | 3.01E-11 | 2204 | 3.35E-11 | 2306 | 3.06E-11 | 2408 | 3.00E-11 | 2510 | 2.85E-11 | 2612 | 2.71E-11 | 2714 | 2.62E-11 | 2816 | 2.31E-11 | 2918 | 2.12E-11 | 3020 | 2.00E-11 | 3122 | 1.84E-11 |
| 2002 | 3.12E-11 | 2104 | 3.34E-11 | 2206 | 3.45E-11 | 2308 | 3.17E-11 | 2410 | 3.06E-11 | 2512 | 2.89E-11 | 2614 | 2.84E-11 | 2716 | 2.54E-11 | 2818 | 2.35E-11 | 2920 | 2.20E-11 | 3022 | 2.01E-11 | 3124 | 1.81E-11 |
| 2004 | 3.26E-11 | 2106 | 3.18E-11 | 2208 | 3.43E-11 | 2310 | 3.27E-11 | 2412 | 3.08E-11 | 2514 | 2.77E-11 | 2616 | 2.82E-11 | 2718 | 2.54E-11 | 2820 | 2.33E-11 | 2922 | 2.18E-11 | 3024 | 2.02E-11 | 3126 | 1.80E-11 |
| 2006 | 3.38E-11 | 2108 | 2.88E-11 | 2210 | 3.65E-11 | 2312 | 3.37E-11 | 2414 | 2.98E-11 | 2516 | 2.76E-11 | 2618 | 2.65E-11 | 2720 | 2.49E-11 | 2822 | 2.30E-11 | 2924 | 2.10E-11 | 3026 | 2.02E-11 | 3128 | 1.84E-11 |
| 2008 | 3.18E-11 | 2110 | 3.27E-11 | 2212 | 3.23E-11 | 2314 | 3.53E-11 | 2416 | 2.84E-11 | 2518 | 2.88E-11 | 2620 | 2.67E-11 | 2722 | 2.54E-11 | 2824 | 2.32E-11 | 2926 | 2.07E-11 | 3028 | 2.00E-11 | 3130 | 1.85E-11 |
| 2010 | 3.34E-11 | 2112 | 3.65E-11 | 2214 | 3.06E-11 | 2316 | 3.20E-11 | 2418 | 2.98E-11 | 2520 | 3.05E-11 | 2622 | 2.75E-11 | 2724 | 2.48E-11 | 2826 | 2.33E-11 | 2928 | 2.08E-11 | 3030 | 2.04E-11 | 3132 | 1.88E-11 |
| 2012 | 3.65E-11 | 2114 | 3.24E-11 | 2216 | 3.38E-11 | 2318 | 3.03E-11 | 2420 | 3.09E-11 | 2522 | 2.90E-11 | 2624 | 2.75E-11 | 2726 | 2.51E-11 | 2828 | 2.32E-11 | 2930 | 2.08E-11 | 3032 | 2.06E-11 | 3134 | 1.95E-11 |
| 2014 | 4.29E-11 | 2116 | 3.45E-11 | 2218 | 3.52E-11 | 2320 | 2.93E-11 | 2422 | 3.01E-11 | 2524 | 2.72E-11 | 2626 | 2.72E-11 | 2728 | 2.51E-11 | 2830 | 2.26E-11 | 2932 | 2.10E-11 | 3034 | 2.04E-11 | 3136 | 1.93E-11 |
| 2016 | 4.53E-11 | 2118 | 3.62E-11 | 2220 | 3.22E-11 | 2322 | 3.10E-11 | 2424 | 2.91E-11 | 2526 | 2.82E-11 | 2628 | 2.70E-11 | 2730 | 2.54E-11 | 2832 | 2.21E-11 | 2934 | 2.07E-11 | 3036 | 2.04E-11 | 3138 | 1.89E-11 |
| 2018 | 3.83E-11 | 2120 | 3.29E-11 | 2222 | 3.25E-11 | 2324 | 3.39E-11 | 2426 | 2.88E-11 | 2528 | 2.93E-11 | 2630 | 2.72E-11 | 2732 | 2.51E-11 | 2834 | 2.28E-11 | 2936 | 2.05E-11 | 3038 | 2.04E-11 | 3140 | 1.86E-11 |
| 2020 | 3.87E-11 | 2122 | 4.39E-11 | 2224 | 3.44E-11 | 2326 | 3.41E-11 | 2428 | 3.08E-11 | 2530 | 2.84E-11 | 2632 | 2.74E-11 | 2734 | 2.49E-11 | 2836 | 2.27E-11 | 2938 | 2.08E-11 | 3040 | 2.06E-11 | 3142 | 1.89E-11 |
| 2022 | 4.27E-11 | 2124 | 3.78E-11 | 2226 | 3.42E-11 | 2328 | 3.36E-11 | 2430 | 3.16E-11 | 2532 | 2.80E-11 | 2634 | 2.71E-11 | 2736 | 2.54E-11 | 2838 | 2.24E-11 | 2940 | 2.06E-11 | 3042 | 2.05E-11 | 3144 | 1.95E-11 |
| 2024 | 4.25E-11 | 2126 | | 2228 | 3.20E-11 | 2330 | 3.29E-11 | 2432 | 2.95E-11 | 2534 | 3.05E-11 | 2636 | 2.74E-11 | 2738 | 2.56E-11 | 2840 | 2.29E-11 | 2942 | 2.04E-11 | 3044 | 2.03E-11 | 3146 | 1.96E-11 |
| 2026 | 3.74E-11 | 2128 | 4.08E-11 | 2230 | 3.25E-11 | 2332 | 2.95E-11 | 2434 | 3.11E-11 | 2536 | 2.98E-11 | 2638 | 2.87E-11 | 2740 | 2.52E-11 | 2842 | 2.37E-11 | 2944 | 2.02E-11 | 3046 | 2.02E-11 | 3148 | 1.97E-11 |
| 2028 | 3.77E-11 | 2130 | 4.13E-11 | 2232 | 3.26E-11 | 2334 | 3.02E-11 | 2436 | 2.99E-11 | 2538 | 2.80E-11 | 2640 | 2.84E-11 | 2742 | 2.43E-11 | 2844 | 2.34E-11 | 2946 | 1.98E-11 | 3048 | 2.00E-11 | 3150 | 1.96E-11 |
| 2030 | 3.80E-11 | 2132 | 3.44E-11 | 2234 | 2.95E-11 | 2336 | 3.29E-11 | 2438 | 3.02E-11 | 2540 | 2.75E-11 | 2642 | 2.75E-11 | 2744 | 2.42E-11 | 2846 | 2.26E-11 | 2948 | 2.00E-11 | 3050 | 1.97E-11 | 3152 | 1.96E-11 |
| 2032 | 3.60E-11 | 2134 | 3.15E-11 | 2236 | 2.85E-11 | 2338 | 3.22E-11 | 2440 | 3.13E-11 | 2542 | 2.70E-11 | 2644 | 2.65E-11 | 2746 | 2.46E-11 | 2848 | | 2950 | 2.05E-11 | 3052 | | 3154 | 1.92E-11 |
| 2034 | 3.45E-11 | 2136 | 3.45E-11 | 2238 | 2.98E-11 | 2340 | 3.10E-11 | 2442 | 3.20E-11 | 2544 | 2.74E-11 | 2646 | 2.63E-11 | 2748 | 2.38E-11 | 2850 | | 2952 | 2.04E-11 | 3054 | | 3156 | 1.86E-11 |
| 2036 | 3.88E-11 | 2138 | 3.73E-11 | 2240 | 3.33E-11 | 2342 | 3.05E-11 | 2444 | 2.98E-11 | 2546 | 2.72E-11 | 2648 | 2.58E-11 | 2750 | 2.41E-11 | 2852 | | 2954 | 2.05E-11 | 3056 | | 3158 | 1.85E-11 |
| 2038 | 3.38E-11 | 2140 | 3.34E-11 | 2242 | 3.36E-11 | 2344 | 2.91E-11 | 2446 | 2.86E-11 | 2548 | 2.71E-11 | 2650 | 2.58E-11 | 2752 | 2.42E-11 | 2854 | | 2956 | 2.09E-11 | 3058 | | 3160 | 1.90E-11 |
| 2040 | 2.70E-11 | 2142 | 3.28E-11 | 2244 | 3.15E-11 | 2346 | 2.88E-11 | 2448 | 2.83E-11 | 2550 | 2.80E-11 | 2652 | 2.69E-11 | 2754 | 2.46E-11 | 2856 | | 2958 | 2.12E-11 | 3060 | | 3162 | 1.90E-11 |
| 2042 | 3.03E-11 | 2144 | 3.29E-11 | 2246 | 3.22E-11 | 2348 | 2.99E-11 | 2450 | 2.86E-11 | 2552 | 2.86E-11 | 2654 | 2.69E-11 | 2756 | 2.42E-11 | 2858 | 2.21E-11 | 2960 | 2.12E-11 | 3062 | 1.91E-11 | 3164 | 1.89E-11 |
| 2044 | 3.43E-11 | 2146 | 3.14E-11 | 2248 | 3.45E-11 | 2350 | 3.33E-11 | 2452 | 3.05E-11 | 2554 | 2.85E-11 | 2656 | 2.59E-11 | 2758 | 2.40E-11 | 2860 | 2.22E-11 | 2962 | 2.10E-11 | 3064 | 1.89E-11 | 3166 | 1.89E-11 |
| 2046 | 3.45E-11 | 2148 | 3.52E-11 | 2250 | 3.33E-11 | 2352 | 3.19E-11 | 2454 | 3.21E-11 | 2556 | 2.81E-11 | 2658 | 2.63E-11 | 2760 | 2.41E-11 | 2862 | 2.24E-11 | 2964 | 2.10E-11 | 3066 | 1.93E-11 | 3168 | 1.83E-11 |
| 2048 | 3.56E-11 | 2150 | 3.26E-11 | 2252 | 3.04E-11 | 2354 | 3.11E-11 | 2456 | 3.06E-11 | 2558 | 2.83E-11 | 2660 | 2.71E-11 | 2762 | 2.43E-11 | 2864 | 2.20E-11 | 2966 | 2.09E-11 | 3068 | 1.99E-11 | 3170 | 1.77E-11 |
| 2050 | 3.32E-11 | 2152 | 2.98E-11 | 2254 | 3.24E-11 | 2356 | 3.17E-11 | 2458 | 2.94E-11 | 2560 | 2.86E-11 | 2662 | 2.69E-11 | 2764 | 2.43E-11 | 2866 | 2.24E-11 | 2968 | 2.06E-11 | 3070 | 1.99E-11 | 3172 | 1.74E-11 |
| 2052 | 3.34E-11 | 2154 | 3.40E-11 | 2256 | 3.31E-11 | 2358 | 3.17E-11 | 2460 | 3.00E-11 | 2562 | 2.79E-11 | 2664 | 2.61E-11 | 2766 | 2.44E-11 | 2868 | 2.26E-11 | 2970 | 2.07E-11 | 3072 | 1.93E-11 | 3174 | 1.76E-11 |
| 2054 | 3.85E-11 | 2156 | 3.52E-11 | 2258 | 3.30E-11 | 2360 | 3.30E-11 | 2462 | 3.00E-11 | 2564 | 2.78E-11 | 2666 | 2.58E-11 | 2768 | 2.41E-11 | 2870 | 2.26E-11 | 2972 | 2.05E-11 | 3074 | 1.92E-11 | 3176 | 1.79E-11 |
| 2056 | 4.02E-11 | 2158 | 3.42E-11 | 2260 | 3.15E-11 | 2362 | 3.23E-11 | 2464 | 3.04E-11 | 2566 | 2.71E-11 | 2668 | 2.60E-11 | 2770 | 2.35E-11 | 2872 | 2.25E-11 | 2974 | 2.03E-11 | 3076 | 1.94E-11 | 3178 | 1.84E-11 |
| 2058 | 3.75E-11 | 2160 | 3.70E-11 | 2262 | 3.08E-11 | 2364 | 2.94E-11 | 2466 | 2.99E-11 | 2568 | 2.77E-11 | 2670 | 2.63E-11 | 2772 | 2.33E-11 | 2874 | 2.24E-11 | 2976 | 2.02E-11 | 3078 | 1.92E-11 | 3180 | 1.88E-11 |
| 2060 | 3.09E-11 | 2162 | 3.48E-11 | 2264 | 3.02E-11 | 2366 | 3.03E-11 | 2468 | 3.05E-11 | 2570 | 2.79E-11 | 2672 | 2.58E-11 | 2774 | 2.38E-11 | 2876 | 2.30E-11 | 2978 | 2.02E-11 | 3080 | 1.89E-11 | 3182 | 1.89E-11 |
| 2062 | 2.60E-11 | 2164 | 3.24E-11 | 2266 | 3.20E-11 | 2368 | 3.29E-11 | 2470 | 3.19E-11 | 2572 | 2.74E-11 | 2674 | 2.57E-11 | 2776 | 2.38E-11 | 2878 | 2.32E-11 | 2980 | 2.04E-11 | 3082 | 1.88E-11 | 3184 | 1.89E-11 |
| 2064 | 2.65E-11 | 2166 | 3.31E-11 | 2268 | 3.22E-11 | 2370 | 3.17E-11 | 2472 | 3.02E-11 | 2574 | 2.78E-11 | 2676 | 2.53E-11 | 2778 | 2.41E-11 | 2880 | 2.24E-11 | 2982 | 2.07E-11 | 3084 | 1.90E-11 | 3186 | 1.84E-11 |
| 2066 | 3.20E-11 | 2168 | 3.15E-11 | 2270 | 3.11E-11 | 2372 | 3.09E-11 | 2474 | 2.89E-11 | 2576 | 2.83E-11 | 2678 | 2.59E-11 | 2780 | 2.40E-11 | 2882 | 2.24E-11 | 2984 | 2.10E-11 | 3086 | 1.92E-11 | 3188 | 1.83E-11 |
| 2068 | 3.12E-11 | 2170 | 3.50E-11 | 2272 | 3.25E-11 | 2374 | 2.91E-11 | 2476 | 2.85E-11 | 2578 | 2.71E-11 | 2680 | 2.63E-11 | 2782 | 2.40E-11 | 2884 | 2.26E-11 | 2986 | 2.12E-11 | 3088 | 1.91E-11 | 3190 | 1.95E-11 |
| 2070 | 3.35E-11 | 2172 | 3.39E-11 | 2274 | 3.40E-11 | 2376 | 2.97E-11 | 2478 | 3.10E-11 | 2580 | 2.70E-11 | 2682 | 2.56E-11 | 2784 | 2.43E-11 | 2886 | 2.26E-11 | 2988 | 2.07E-11 | 3090 | 1.93E-11 | 3192 | 1.97E-11 |
| 2072 | 3.40E-11 | 2174 | 3.15E-11 | 2276 | 3.49E-11 | 2378 | 2.86E-11 | 2480 | 3.18E-11 | 2582 | 2.60E-11 | 2684 | 2.54E-11 | 2786 | 2.41E-11 | 2888 | 2.30E-11 | 2990 | 2.03E-11 | 3092 | 1.94E-11 | 3194 | 1.87E-11 |
| 2074 | 3.58E-11 | 2176 | 3.35E-11 | 2278 | 3.00E-11 | 2380 | 2.93E-11 | 2482 | 2.97E-11 | 2584 | 2.58E-11 | 2686 | 2.58E-11 | 2788 | 2.36E-11 | 2890 | 2.27E-11 | 2992 | 2.01E-11 | 3094 | 1.93E-11 | 3196 | 1.84E-11 |
| 2076 | 4.28E-11 | 2178 | 3.29E-11 | 2280 | 2.90E-11 | 2382 | 2.87E-11 | 2484 | 2.94E-11 | 2586 | 2.55E-11 | 2688 | 2.61E-11 | 2790 | 2.28E-11 | 2892 | 2.22E-11 | 2994 | 2.01E-11 | 3096 | 1.95E-11 | 3198 | 1.85E-11 |


HD 215733 B1 II V=7.34 (B-V)=-0.13 E(B-V)=0.11
LAP: LWP 15560
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 13854 B1 Iab V=6.49 (B-V)=0.28 E(B-V)=0.47**

**LAP: SWP 34867**

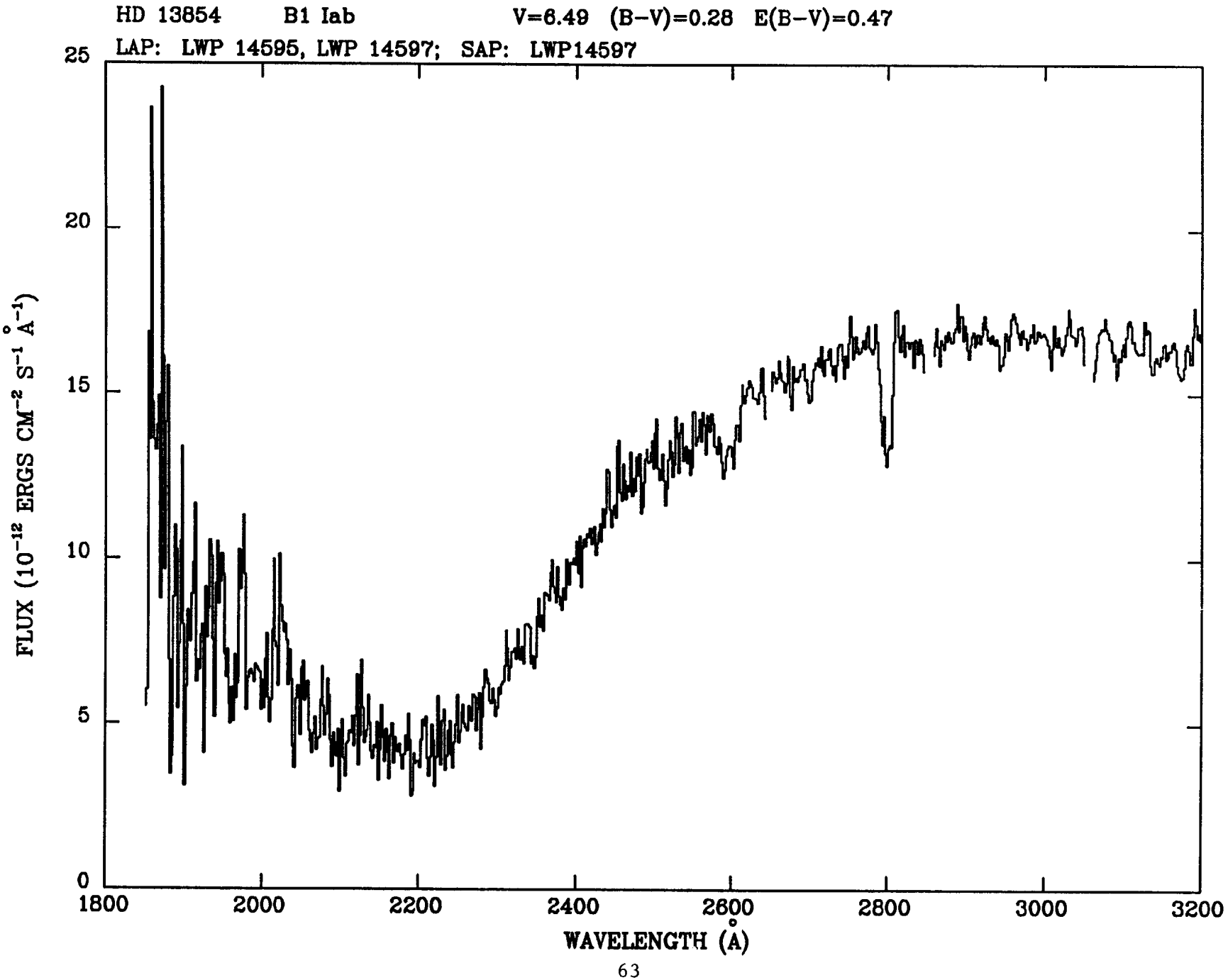
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 7.30E-12 | 1222 | 1.58E-12 | 1292 | 1.14E-11 | 1362 | 1.55E-11 | 1432 | 1.62E-11 | 1502 | 1.51E-11 | 1572 | 1.50E-11 | 1642 | 1.58E-11 | 1712 | 1.35E-11 | 1782 | 1.60E-11 | 1852 | 8.78E-12 | 1922 | 7.06E-12 |
| 1154 | 4.00E-12 | 1224 | 2.61E-12 | 1294 | 1.02E-11 | 1364 | 1.58E-11 | 1434 | 1.65E-11 | 1504 | 1.52E-11 | 1574 | 1.55E-11 | 1644 | 1.68E-11 | 1714 | 1.35E-11 | 1784 | 1.61E-11 | 1854 | 1.06E-11 | 1924 | |
| 1156 | 2.63E-12 | 1226 | 3.67E-12 | 1296 | 9.36E-12 | 1366 | 1.63E-11 | 1436 | 1.56E-11 | 1506 | 1.69E-11 | 1576 | 1.54E-11 | 1646 | 1.76E-11 | 1716 | 1.29E-11 | 1786 | 1.60E-11 | 1856 | 1.10E-11 | 1926 | |
| 1158 | 5.75E-12 | 1228 | 4.38E-12 | 1298 | 9.68E-12 | 1368 | 1.64E-11 | 1438 | 1.69E-11 | 1508 | 1.71E-11 | 1578 | 1.50E-11 | 1648 | 1.77E-11 | 1718 | 1.22E-11 | 1788 | 1.54E-11 | 1858 | 1.03E-11 | 1928 | |
| 1160 | 5.59E-12 | 1230 | 5.08E-12 | 1300 | 1.03E-11 | 1370 | 1.66E-11 | 1440 | 1.63E-11 | 1510 | 1.51E-11 | 1580 | 1.45E-11 | 1650 | 1.72E-11 | 1720 | 1.18E-11 | 1790 | 1.37E-11 | 1860 | 1.04E-11 | 1930 | 7.78E-12 |
| 1162 | 5.82E-12 | 1232 | 6.23E-12 | 1302 | 1.01E-11 | 1372 | 1.54E-11 | 1442 | 1.74E-11 | 1512 | 1.47E-11 | 1582 | 1.57E-11 | 1652 | 1.64E-11 | 1722 | 1.22E-11 | 1792 | | 1862 | 1.18E-11 | 1932 | 8.42E-12 |
| 1164 | 6.18E-12 | 1234 | 6.46E-12 | 1304 | 1.20E-11 | 1374 | 1.51E-11 | 1444 | 1.71E-11 | 1514 | 1.50E-11 | 1584 | 1.66E-11 | 1654 | 1.59E-11 | 1724 | 1.32E-11 | 1794 | | 1864 | 1.30E-11 | 1934 | 8.81E-12 |
| 1166 | 4.95E-12 | 1236 | 7.40E-12 | 1306 | 1.35E-11 | 1376 | 1.48E-11 | 1446 | 1.71E-11 | 1516 | 1.55E-11 | 1586 | 1.75E-11 | 1656 | 1.45E-11 | 1726 | 1.51E-11 | 1796 | | 1866 | 1.31E-11 | 1936 | 8.53E-12 |
| 1168 | 4.27E-12 | 1238 | 8.36E-12 | 1308 | 1.51E-11 | 1378 | 1.52E-11 | 1448 | 1.76E-11 | 1518 | 1.59E-11 | 1588 | 1.77E-11 | 1658 | 1.44E-11 | 1728 | 1.54E-11 | 1798 | 1.63E-11 | 1868 | 1.27E-11 | 1938 | 8.24E-12 |
| 1170 | 3.13E-12 | 1240 | 1.08E-11 | 1310 | 1.47E-11 | 1380 | 1.48E-11 | 1450 | 1.75E-11 | 1520 | 1.68E-11 | 1590 | 1.67E-11 | 1660 | 1.53E-11 | 1730 | 1.54E-11 | 1800 | 1.68E-11 | 1870 | 1.23E-11 | 1940 | 8.27E-12 |
| 1172 | 2.63E-12 | 1242 | 1.20E-11 | 1312 | 1.46E-11 | 1382 | 1.44E-11 | 1452 | 1.77E-11 | 1522 | 1.69E-11 | 1592 | 1.65E-11 | 1662 | | 1732 | 1.59E-11 | 1802 | 1.64E-11 | 1872 | 1.24E-11 | 1942 | 8.59E-12 |
| 1174 | 4.24E-12 | 1244 | 1.11E-11 | 1314 | 1.48E-11 | 1384 | 1.39E-11 | 1454 | 1.63E-11 | 1524 | 1.49E-11 | 1594 | 1.55E-11 | 1664 | 1.64E-11 | 1734 | 1.62E-11 | 1804 | 1.57E-11 | 1874 | 1.25E-11 | 1944 | 8.61E-12 |
| 1176 | 3.83E-12 | 1246 | 1.04E-11 | 1316 | 1.56E-11 | 1386 | 1.31E-11 | 1456 | 1.67E-11 | 1526 | 1.33E-11 | 1596 | 1.44E-11 | 1666 | 1.65E-11 | 1736 | 1.63E-11 | 1806 | 1.47E-11 | 1876 | 1.22E-11 | 1946 | 8.33E-12 |
| 1178 | 4.16E-12 | 1248 | 1.06E-11 | 1318 | 1.72E-11 | 1388 | 9.37E-12 | 1458 | 1.81E-11 | 1528 | 1.22E-11 | 1598 | 1.43E-11 | 1668 | 1.61E-11 | 1738 | 1.53E-11 | 1808 | 1.42E-11 | 1878 | 1.12E-11 | 1948 | 7.79E-12 |
| 1180 | 5.32E-12 | 1250 | 1.06E-11 | 1320 | 1.67E-11 | 1390 | 6.67E-12 | 1460 | 1.80E-11 | 1530 | 1.33E-11 | 1600 | 1.38E-11 | 1670 | 1.52E-11 | 1740 | 1.45E-11 | 1810 | 1.39E-11 | 1880 | 9.74E-12 | 1950 | 7.07E-12 |
| 1182 | 4.65E-12 | 1252 | 1.00E-11 | 1322 | 1.50E-11 | 1392 | 8.55E-12 | 1462 | 1.76E-11 | 1532 | 1.22E-11 | 1602 | 1.40E-11 | 1672 | 1.49E-11 | 1742 | 1.44E-11 | 1812 | 1.43E-11 | 1882 | 8.65E-12 | 1952 | 6.86E-12 |
| 1184 | 5.11E-12 | 1254 | 1.10E-11 | 1324 | 1.48E-11 | 1394 | 1.18E-11 | 1464 | 1.77E-11 | 1534 | 1.20E-11 | 1604 | 1.37E-11 | 1674 | 1.62E-11 | 1744 | 1.46E-11 | 1814 | 1.44E-11 | 1884 | 8.11E-12 | 1954 | 6.87E-12 |
| 1186 | 5.54E-12 | 1256 | 1.05E-11 | 1326 | | 1396 | 1.25E-11 | 1466 | 1.64E-11 | 1536 | 1.25E-11 | 1606 | 1.30E-11 | 1676 | 1.77E-11 | 1746 | 1.38E-11 | 1816 | 1.50E-11 | 1886 | 7.91E-12 | 1956 | 6.76E-12 |
| 1188 | 4.59E-12 | 1258 | 9.52E-12 | 1328 | | 1398 | 8.48E-12 | 1468 | 1.56E-11 | 1538 | 1.12E-11 | 1608 | 1.30E-11 | 1678 | 1.82E-11 | 1748 | 1.31E-11 | 1818 | 1.47E-11 | 1888 | 7.78E-12 | 1958 | 6.59E-12 |
| 1190 | 3.71E-12 | 1260 | 9.70E-12 | 1330 | 1.20E-11 | 1400 | 8.24E-12 | 1470 | 1.63E-11 | 1540 | 1.02E-11 | 1610 | 1.21E-11 | 1680 | 1.91E-11 | 1750 | 1.32E-11 | 1820 | 1.41E-11 | 1890 | 7.27E-12 | 1960 | 6.78E-12 |
| 1192 | 3.17E-12 | 1262 | 1.13E-11 | 1332 | 1.04E-11 | 1402 | 1.23E-11 | 1472 | 1.70E-11 | 1542 | 7.34E-12 | 1612 | 1.27E-11 | 1682 | 1.85E-11 | 1752 | 1.37E-11 | 1822 | 1.43E-11 | 1892 | 7.28E-12 | 1962 | 7.08E-12 |
| 1194 | | 1264 | 1.28E-11 | 1334 | 1.19E-11 | 1404 | 1.61E-11 | 1474 | 1.70E-11 | 1544 | 4.58E-12 | 1614 | 1.38E-11 | 1684 | 1.78E-11 | 1754 | 1.55E-11 | 1824 | 1.44E-11 | 1894 | 7.79E-12 | 1964 | 7.52E-12 |
| 1196 | | 1266 | 1.28E-11 | 1336 | 1.56E-11 | 1406 | 1.75E-11 | 1476 | 1.71E-11 | 1546 | 4.92E-12 | 1616 | 1.43E-11 | 1686 | 1.74E-11 | 1756 | 1.71E-11 | 1826 | 1.44E-11 | 1896 | 8.72E-12 | 1966 | 8.35E-12 |
| 1198 | | 1268 | 1.28E-11 | 1338 | 1.64E-11 | 1408 | 1.60E-11 | 1478 | 1.68E-11 | 1548 | 9.86E-12 | 1618 | 1.42E-11 | 1688 | 1.71E-11 | 1758 | 1.74E-11 | 1828 | 1.45E-11 | 1898 | 9.25E-12 | 1968 | 8.88E-12 |
| 1200 | 3.16E-12 | 1270 | 1.32E-11 | 1340 | 1.53E-11 | 1410 | 1.53E-11 | 1480 | 1.69E-11 | 1550 | 1.51E-11 | 1620 | 1.48E-11 | 1690 | 1.65E-11 | 1760 | 1.74E-11 | 1830 | 1.48E-11 | 1900 | 9.12E-12 | 1970 | 9.14E-12 |
| 1202 | 1.97E-12 | 1272 | 1.27E-11 | 1342 | 1.41E-11 | 1412 | 1.50E-11 | 1482 | 1.74E-11 | 1552 | 1.87E-11 | 1622 | 1.43E-11 | 1692 | 1.64E-11 | 1762 | 1.64E-11 | 1832 | 1.53E-11 | 1902 | 8.89E-12 | 1972 | 9.18E-12 |
| 1204 | 1.14E-12 | 1274 | 1.25E-11 | 1344 | 1.44E-11 | 1414 | 1.50E-11 | 1484 | 1.72E-11 | 1554 | 1.84E-11 | 1624 | 1.46E-11 | 1694 | 1.55E-11 | 1764 | 1.68E-11 | 1834 | 1.46E-11 | 1904 | 8.69E-12 | 1974 | 8.93E-12 |
| 1206 | 5.50E-13 | 1276 | 1.22E-11 | 1346 | 1.53E-11 | 1416 | 1.40E-11 | 1486 | 1.79E-11 | 1556 | 1.62E-11 | 1626 | 1.42E-11 | 1696 | 1.58E-11 | 1766 | 1.60E-11 | 1836 | 1.37E-11 | 1906 | 8.56E-12 | | |
| 1208 | 9.03E-13 | 1278 | 1.23E-11 | 1348 | 1.61E-11 | 1418 | 1.49E-11 | 1488 | 1.93E-11 | 1558 | 1.47E-11 | 1628 | 1.40E-11 | 1698 | 1.60E-11 | 1768 | 1.48E-11 | 1838 | 1.25E-11 | 1908 | 8.24E-12 | | |
| 1210 | 8.66E-13 | 1280 | 1.31E-11 | 1350 | 1.66E-11 | 1420 | 1.53E-11 | 1490 | 1.87E-11 | 1560 | 1.34E-11 | 1630 | 1.36E-11 | 1700 | 1.58E-11 | 1770 | 1.36E-11 | 1840 | 1.21E-11 | 1910 | 7.71E-12 | | |
| 1212 | 6.62E-13 | 1282 | 1.34E-11 | 1352 | 1.67E-11 | 1422 | 1.48E-11 | 1492 | 1.72E-11 | 1562 | 1.31E-11 | 1632 | 1.51E-11 | 1702 | 1.53E-11 | 1772 | 1.33E-11 | 1842 | 1.10E-11 | 1912 | 7.64E-12 | | |
| 1214 | 7.50E-13 | 1284 | 1.31E-11 | 1354 | 1.69E-11 | 1424 | 1.47E-11 | 1494 | 1.67E-11 | 1564 | 1.29E-11 | 1634 | 1.59E-11 | 1704 | 1.49E-11 | 1774 | 1.36E-11 | 1844 | 9.79E-12 | 1914 | 7.74E-12 | | |
| 1216 | 8.11E-13 | 1286 | 1.36E-11 | 1356 | 1.69E-11 | 1426 | 1.49E-11 | 1496 | 1.64E-11 | 1566 | 1.42E-11 | 1636 | 1.63E-11 | 1706 | 1.46E-11 | 1776 | 1.37E-11 | 1846 | 8.95E-12 | 1916 | 7.67E-12 | | |
| 1218 | 1.08E-12 | 1288 | 1.37E-11 | 1358 | 1.69E-11 | 1428 | 1.55E-11 | 1498 | 1.63E-11 | 1568 | 1.50E-11 | 1638 | 1.63E-11 | 1708 | 1.40E-11 | 1778 | 1.46E-11 | 1848 | 7.99E-12 | 1918 | 7.34E-12 | | |
| 1220 | 9.83E-13 | 1290 | 1.30E-11 | 1360 | 1.72E-11 | 1430 | 1.51E-11 | 1500 | 1.55E-11 | 1570 | 1.43E-11 | 1640 | 1.61E-11 | 1710 | 1.36E-11 | 1780 | 1.58E-11 | 1850 | 7.51E-12 | 1920 | 7.14E-12 | | |


HD 13854 B1 Iab V=6.49 (B−V)=0.28 E(B−V)=0.47
LAP: SWP 34867
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 13854 B1 Iab V=6.49 (B-V)=0.28 E(B-V)=0.47**

**LAP: LWP 14595, LWP 14597; SAP: LWP14597**

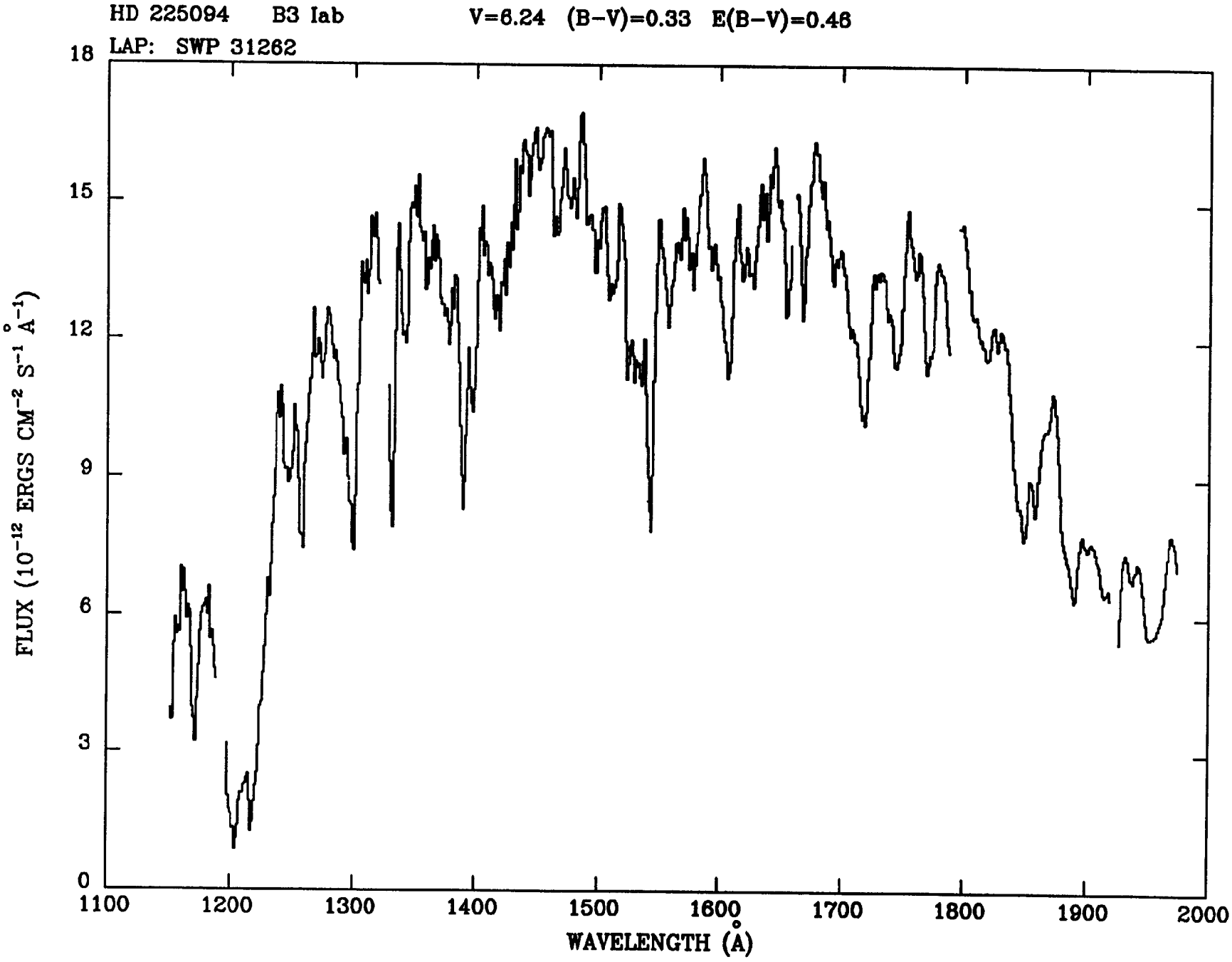
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.07E-11 | 2078 | 6.14E-12 | 2180 | 3.69E-12 | 2282 | 5.80E-12 | 2384 | 9.07E-12 | 2486 | 1.22E-11 | 2588 | 1.28E-11 | 2690 | 1.58E-11 | 2792 | 1.39E-11 | 2894 | 1.74E-11 | 2996 | 1.68E-11 | 3098 | 1.61E-11 |
| 1978 | 1.01E-11 | 2080 | 5.05E-12 | 2182 | 4.16E-12 | 2284 | 6.50E-12 | 2386 | 9.11E-12 | 2488 | 1.29E-11 | 2590 | 1.26E-11 | 2692 | 1.59E-11 | 2794 | 1.39E-11 | 2896 | 1.67E-11 | 2998 | 1.69E-11 | 3100 | 1.64E-11 |
| 1980 | 6.45E-12 | 2082 | 5.07E-12 | 2184 | 4.53E-12 | 2286 | 6.46E-12 | 2388 | 9.96E-12 | 2490 | 1.33E-11 | 2592 | 1.29E-11 | 2694 | 1.54E-11 | 2796 | 1.37E-11 | 2898 | 1.71E-11 | 3000 | 1.68E-11 | 3102 | 1.64E-11 |
| 1982 | 6.18E-12 | 2084 | 6.04E-12 | 2186 | 4.53E-12 | 2288 | 6.27E-12 | 2390 | 9.61E-12 | 2492 | 1.30E-11 | 2594 | 1.33E-11 | 2696 | 1.54E-11 | 2798 | 1.30E-11 | 2900 | 1.68E-11 | 3002 | 1.67E-11 | 3104 | 1.64E-11 |
| 1984 | 6.56E-12 | 2086 | 5.98E-12 | 2188 | 5.02E-12 | 2290 | 5.76E-12 | 2392 | 9.56E-12 | 2494 | 1.30E-11 | 2596 | 1.34E-11 | 2698 | 1.50E-11 | 2800 | 1.32E-11 | 2902 | 1.63E-11 | 3004 | 1.66E-11 | 3106 | 1.70E-11 |
| 1986 | 6.64E-12 | 2088 | 4.71E-12 | 2190 | 3.75E-12 | 2292 | 5.64E-12 | 2394 | 9.89E-12 | 2496 | 1.33E-11 | 2598 | 1.34E-11 | 2700 | 1.48E-11 | 2802 | 1.34E-11 | 2904 | 1.62E-11 | 3006 | 1.62E-11 | 3108 | 1.72E-11 |
| 1988 | 6.48E-12 | 2090 | 3.79E-12 | 2192 | 2.91E-12 | 2294 | 6.08E-12 | 2396 | 9.97E-12 | 2498 | 1.34E-11 | 2600 | 1.32E-11 | 2702 | 1.50E-11 | 2804 | 1.34E-11 | 2906 | 1.66E-11 | 3008 | 1.58E-11 | 3110 | 1.72E-11 |
| 1990 | 6.35E-12 | 2092 | 4.66E-12 | 2194 | 3.60E-12 | 2296 | 5.67E-12 | 2398 | 9.92E-12 | 2500 | 1.30E-11 | 2602 | 1.29E-11 | 2704 | 1.55E-11 | 2806 | 1.48E-11 | 2908 | 1.68E-11 | 3010 | 1.65E-11 | 3112 | 1.68E-11 |
| 1992 | 6.79E-12 | 2094 | 4.38E-12 | 2196 | 3.91E-12 | 2298 | 5.30E-12 | 2400 | 1.04E-11 | 2502 | 1.40E-11 | 2604 | 1.35E-11 | 2706 | 1.59E-11 | 2808 | 1.66E-11 | 2910 | 1.67E-11 | 3012 | 1.70E-11 | 3114 | 1.66E-11 |
| 1994 | 6.70E-12 | 2096 | 4.14E-12 | 2198 | 3.86E-12 | 2300 | 5.64E-12 | 2402 | 9.79E-12 | 2504 | 1.37E-11 | 2606 | 1.41E-11 | 2708 | 1.59E-11 | 2810 | 1.75E-11 | 2912 | 1.65E-11 | 3014 | 1.65E-11 | 3116 | 1.64E-11 |
| 1996 | 6.60E-12 | 2098 | 4.37E-12 | 2200 | 3.88E-12 | 2302 | 6.04E-12 | 2404 | 1.05E-11 | 2506 | 1.26E-11 | 2608 | 1.40E-11 | 2710 | 1.60E-11 | 2812 | 1.75E-11 | 2914 | 1.68E-11 | 3016 | 1.66E-11 | 3118 | 1.63E-11 |
| 1998 | 6.16E-12 | 2100 | 3.33E-12 | 2202 | 3.73E-12 | 2304 | 6.04E-12 | 2406 | 9.27E-12 | 2508 | 1.24E-11 | 2610 | 1.37E-11 | 2712 | 1.59E-11 | 2814 | 1.66E-11 | 2916 | 1.68E-11 | 3018 | 1.67E-11 | 3120 | 1.63E-11 |
| 2000 | 5.96E-12 | 2102 | 4.51E-12 | 2204 | 4.39E-12 | 2306 | 6.25E-12 | 2408 | 1.04E-11 | 2510 | 1.29E-11 | 2612 | 1.48E-11 | 2714 | 1.63E-11 | 2816 | 1.65E-11 | 2918 | 1.66E-11 | 3020 | 1.64E-11 | 3122 | 1.63E-11 |
| 2002 | 5.59E-12 | 2104 | 4.59E-12 | 2206 | 5.09E-12 | 2308 | 6.56E-12 | 2410 | 1.06E-11 | 2512 | 1.27E-11 | 2614 | 1.52E-11 | 2716 | 1.59E-11 | 2818 | 1.69E-11 | 2920 | 1.68E-11 | 3022 | 1.63E-11 | 3124 | 1.63E-11 |
| 2004 | 6.80E-12 | 2106 | 3.69E-12 | 2208 | 4.97E-12 | 2310 | 7.42E-12 | 2412 | 1.05E-11 | 2514 | 1.18E-11 | 2616 | 1.49E-11 | 2718 | 1.56E-11 | 2820 | 1.67E-11 | 2922 | 1.72E-11 | 3024 | 1.64E-11 | 3126 | 1.64E-11 |
| 2006 | 7.61E-12 | 2108 | 3.96E-12 | 2210 | 5.03E-12 | 2312 | 7.51E-12 | 2414 | 1.08E-11 | 2516 | 1.21E-11 | 2618 | 1.48E-11 | 2720 | 1.60E-11 | 2822 | 1.64E-11 | 2924 | 1.74E-11 | 3026 | 1.67E-11 | 3128 | 1.72E-11 |
| 2008 | 5.71E-12 | 2110 | 4.45E-12 | 2212 | 3.86E-12 | 2314 | 6.59E-12 | 2416 | 1.08E-11 | 2518 | 1.29E-11 | 2620 | 1.51E-11 | 2722 | 1.61E-11 | 2824 | 1.66E-11 | 2926 | 1.70E-11 | 3028 | 1.70E-11 | 3130 | 1.69E-11 |
| 2010 | 5.15E-12 | 2112 | 4.69E-12 | 2214 | 3.57E-12 | 2316 | 6.65E-12 | 2418 | 1.08E-11 | 2520 | 1.36E-11 | 2622 | 1.53E-11 | 2724 | 1.64E-11 | 2826 | 1.65E-11 | 2928 | 1.67E-11 | 3030 | 1.75E-11 | 3132 | 1.70E-11 |
| 2012 | 6.25E-12 | 2114 | 4.74E-12 | 2216 | 4.34E-12 | 2318 | 7.14E-12 | 2420 | 1.05E-11 | 2522 | 1.33E-11 | 2624 | 1.54E-11 | 2726 | 1.63E-11 | 2828 | 1.65E-11 | 2930 | 1.67E-11 | 3032 | 1.74E-11 | 3134 | 1.65E-11 |
| 2014 | 8.49E-12 | 2116 | 5.13E-12 | 2218 | 4.79E-12 | 2320 | 7.20E-12 | 2422 | 1.08E-11 | 2524 | 1.26E-11 | 2626 | 1.52E-11 | 2728 | 1.58E-11 | 2830 | 1.66E-11 | 2932 | 1.67E-11 | 3034 | 1.69E-11 | 3136 | 1.58E-11 |
| 2016 | 9.11E-12 | 2118 | 4.47E-12 | 2220 | 3.89E-12 | 2322 | 7.30E-12 | 2424 | 1.05E-11 | 2526 | 1.31E-11 | 2628 | 1.50E-11 | 2730 | 1.57E-11 | 2832 | 1.60E-11 | 2934 | 1.67E-11 | 3036 | 1.68E-11 | 3138 | 1.57E-11 |
| 2018 | 7.41E-12 | 2120 | 5.20E-12 | 2222 | 3.60E-12 | 2324 | 7.13E-12 | 2426 | 1.04E-11 | 2528 | 1.42E-11 | 2630 | 1.49E-11 | 2732 | 1.57E-11 | 2834 | 1.66E-11 | 2936 | 1.66E-11 | 3038 | 1.68E-11 | 3140 | 1.59E-11 |
| 2020 | 6.74E-12 | 2122 | 6.36E-12 | 2224 | 5.10E-12 | 2326 | 7.77E-12 | 2428 | 1.07E-11 | 2530 | 1.34E-11 | 2632 | 1.49E-11 | 2734 | 1.56E-11 | 2836 | 1.66E-11 | 2938 | 1.66E-11 | 3040 | 1.65E-11 | 3142 | 1.61E-11 |
| 2022 | 8.35E-12 | 2124 | 3.90E-12 | 2226 | 4.84E-12 | 2328 | 7.18E-12 | 2430 | 1.10E-11 | 2532 | 1.31E-11 | 2634 | 1.47E-11 | 2736 | 1.62E-11 | 2838 | 1.63E-11 | 2940 | 1.66E-11 | 3042 | 1.67E-11 | 3144 | 1.60E-11 |
| 2024 | 9.20E-12 | 2126 | 5.10E-12 | 2228 | 3.90E-12 | 2330 | 7.10E-12 | 2432 | 1.06E-11 | 2534 | 1.40E-11 | 2636 | 1.51E-11 | 2738 | 1.65E-11 | 2840 | 1.67E-11 | 2942 | 1.60E-11 | 3044 | 1.70E-11 | 3146 | 1.59E-11 |
| 2026 | 8.26E-12 | 2128 | 6.58E-12 | 2230 | 4.84E-12 | 2332 | 7.16E-12 | 2434 | 1.14E-11 | 2536 | 1.36E-11 | 2638 | 1.58E-11 | 2740 | 1.65E-11 | 2842 | 1.65E-11 | 2944 | 1.59E-11 | 3046 | 1.71E-11 | 3148 | 1.61E-11 |
| 2028 | 7.87E-12 | 2130 | 5.12E-12 | 2232 | 5.39E-12 | 2334 | 7.39E-12 | 2436 | 1.10E-11 | 2538 | 1.31E-11 | 2640 | 1.57E-11 | 2742 | 1.62E-11 | 2844 | 1.61E-11 | 2946 | 1.59E-11 | 3048 | 1.70E-11 | 3150 | 1.61E-11 |
| 2030 | 7.99E-12 | 2132 | 4.50E-12 | 2234 | 3.70E-12 | 2336 | 8.04E-12 | 2438 | 1.15E-11 | 2540 | 1.34E-11 | 2642 | 1.48E-11 | 2744 | 1.56E-11 | 2846 | 1.57E-11 | 2948 | 1.61E-11 | 3050 | 1.64E-11 | 3152 | 1.65E-11 |
| 2032 | 7.62E-12 | 2134 | 4.69E-12 | 2236 | 4.08E-12 | 2338 | 8.05E-12 | 2440 | 1.27E-11 | 2542 | 1.31E-11 | 2644 | 1.43E-11 | 2746 | 1.61E-11 | 2848 | | 2950 | 1.68E-11 | 3052 | 1.59E-11 | 3154 | 1.65E-11 |
| 2034 | 6.25E-12 | 2136 | 5.38E-12 | 2238 | 4.86E-12 | 2340 | 8.00E-12 | 2442 | 1.24E-11 | 2544 | 1.32E-11 | 2646 | | 2748 | 1.59E-11 | 2850 | | 2952 | 1.67E-11 | 3054 | | 3156 | 1.61E-11 |
| 2036 | 7.20E-12 | 2138 | 5.37E-12 | 2240 | 4.88E-12 | 2342 | 7.19E-12 | 2444 | 1.14E-11 | 2546 | 1.27E-11 | 2648 | | 2750 | 1.65E-11 | 2852 | | 2954 | 1.64E-11 | 3056 | | 3158 | 1.62E-11 |
| 2038 | 6.04E-12 | 2140 | 4.47E-12 | 2242 | 3.98E-12 | 2344 | 7.04E-12 | 2446 | 1.11E-11 | 2548 | 1.28E-11 | 2650 | 1.51E-11 | 2752 | 1.74E-11 | 2854 | | 2956 | 1.69E-11 | 3058 | | 3160 | 1.63E-11 |
| 2040 | 4.19E-12 | 2142 | 4.01E-12 | 2244 | 3.95E-12 | 2346 | 6.77E-12 | 2448 | 1.15E-11 | 2550 | 1.44E-11 | 2652 | 1.54E-11 | 2754 | 1.67E-11 | 2856 | | 2958 | 1.74E-11 | 3060 | | 3162 | 1.64E-11 |
| 2042 | 4.20E-12 | 2144 | 4.27E-12 | 2246 | 4.67E-12 | 2348 | 7.02E-12 | 2450 | 1.15E-11 | 2552 | 1.44E-11 | 2654 | 1.56E-11 | 2756 | 1.61E-11 | 2858 | 1.62E-11 | 2960 | 1.75E-11 | 3062 | 1.54E-11 | 3164 | 1.66E-11 |
| 2044 | 5.89E-12 | 2146 | 4.29E-12 | 2248 | 5.39E-12 | 2350 | 8.25E-12 | 2452 | 1.25E-11 | 2554 | 1.35E-11 | 2656 | 1.54E-11 | 2758 | 1.64E-11 | 2860 | 1.65E-11 | 2962 | 1.73E-11 | 3064 | 1.57E-11 | 3166 | 1.65E-11 |
| 2046 | 6.15E-12 | 2148 | 5.00E-12 | 2250 | 5.16E-12 | 2352 | 8.75E-12 | 2454 | 1.35E-11 | 2556 | 1.36E-11 | 2658 | 1.55E-11 | 2760 | 1.67E-11 | 2862 | 1.70E-11 | 2964 | 1.71E-11 | 3066 | 1.61E-11 | 3168 | 1.61E-11 |
| 2048 | 5.49E-12 | 2150 | 3.35E-12 | 2252 | 4.62E-12 | 2354 | 8.04E-12 | 2456 | 1.25E-11 | 2558 | 1.39E-11 | 2660 | 1.59E-11 | 2762 | 1.64E-11 | 2864 | 1.65E-11 | 2966 | 1.68E-11 | 3068 | 1.66E-11 | 3170 | 1.58E-11 |
| 2050 | 5.79E-12 | 2152 | 4.42E-12 | 2254 | 5.16E-12 | 2356 | 8.20E-12 | 2458 | 1.18E-11 | 2560 | 1.40E-11 | 2662 | 1.57E-11 | 2764 | 1.63E-11 | 2866 | 1.59E-11 | 2968 | 1.66E-11 | 3070 | 1.69E-11 | 3172 | 1.56E-11 |
| 2052 | 6.82E-12 | 2154 | 5.37E-12 | 2256 | 5.53E-12 | 2358 | 8.20E-12 | 2460 | 1.27E-11 | 2562 | 1.40E-11 | 2664 | 1.54E-11 | 2766 | 1.64E-11 | 2868 | 1.67E-11 | 2970 | 1.68E-11 | 3072 | 1.70E-11 | 3174 | 1.55E-11 |
| 2054 | 6.12E-12 | 2156 | 4.42E-12 | 2258 | 5.16E-12 | 2360 | 8.99E-12 | 2462 | 1.24E-11 | 2564 | 1.43E-11 | 2666 | 1.54E-11 | 2768 | 1.66E-11 | 2870 | 1.65E-11 | 2972 | 1.70E-11 | 3074 | 1.70E-11 | 3176 | 1.55E-11 |
| 2056 | 5.80E-12 | 2158 | 4.16E-12 | 2260 | 4.91E-12 | 2362 | 8.95E-12 | 2464 | 1.19E-11 | 2566 | 1.36E-11 | 2668 | 1.51E-11 | 2770 | 1.65E-11 | 2872 | 1.65E-11 | 2974 | 1.68E-11 | 3076 | 1.71E-11 | 3178 | 1.58E-11 |
| 2058 | 6.19E-12 | 2160 | 4.60E-12 | 2262 | 4.82E-12 | 2364 | 8.85E-12 | 2466 | 1.22E-11 | 2568 | 1.39E-11 | 2670 | 1.55E-11 | 2772 | 1.68E-11 | 2874 | 1.68E-11 | 2976 | 1.67E-11 | 3078 | 1.72E-11 | 3180 | 1.64E-11 |
| 2060 | 5.01E-12 | 2162 | 3.79E-12 | 2264 | 5.51E-12 | 2366 | 9.23E-12 | 2468 | 1.23E-11 | 2570 | 1.42E-11 | 2672 | 1.61E-11 | 2774 | 1.71E-11 | 2876 | 1.67E-11 | 2978 | 1.64E-11 | 3080 | 1.70E-11 | 3182 | 1.65E-11 |
| 2062 | 4.49E-12 | 2164 | 3.99E-12 | 2266 | 5.28E-12 | 2368 | 9.86E-12 | 2470 | 1.29E-11 | 2572 | 1.39E-11 | 2674 | 1.57E-11 | 2776 | 1.65E-11 | 2878 | 1.68E-11 | 2980 | 1.66E-11 | 3082 | 1.68E-11 | 3184 | 1.63E-11 |
| 2064 | 4.15E-12 | 2166 | 4.84E-12 | 2268 | 5.21E-12 | 2370 | 9.43E-12 | 2472 | 1.21E-11 | 2574 | 1.43E-11 | 2676 | 1.48E-11 | 2778 | 1.63E-11 | 2880 | 1.67E-11 | 2982 | 1.68E-11 | 3084 | 1.67E-11 | 3186 | 1.60E-11 |
| 2066 | 4.78E-12 | 2168 | 4.23E-12 | 2270 | 5.90E-12 | 2372 | 9.04E-12 | 2474 | 1.23E-11 | 2576 | 1.42E-11 | 2678 | 1.51E-11 | 2780 | 1.62E-11 | 2882 | 1.66E-11 | 2984 | 1.68E-11 | 3086 | 1.64E-11 | 3188 | 1.62E-11 |
| 2068 | 5.00E-12 | 2170 | 4.36E-12 | 2272 | 5.54E-12 | 2374 | 8.77E-12 | 2476 | 1.25E-11 | 2578 | 1.35E-11 | 2680 | 1.56E-11 | 2782 | 1.65E-11 | 2884 | 1.68E-11 | 2986 | 1.70E-11 | 3088 | 1.61E-11 | 3190 | 1.71E-11 |
| 2070 | 4.31E-12 | 2172 | 4.30E-12 | 2274 | 5.04E-12 | 2376 | 9.68E-12 | 2478 | 1.29E-11 | 2580 | 1.34E-11 | 2682 | 1.55E-11 | 2784 | 1.70E-11 | 2886 | 1.70E-11 | 2988 | 1.66E-11 | 3090 | 1.62E-11 | 3192 | 1.74E-11 |
| 2072 | 4.56E-12 | 2174 | 4.16E-12 | 2276 | 5.68E-12 | 2378 | 8.94E-12 | 2480 | 1.29E-11 | 2582 | 1.33E-11 | 2684 | 1.54E-11 | 2786 | 1.64E-11 | 2888 | 1.76E-11 | 2990 | 1.68E-11 | 3092 | 1.56E-11 | 3194 | 1.69E-11 |
| 2074 | 4.99E-12 | 2176 | 4.36E-12 | 2278 | 5.10E-12 | 2380 | 8.62E-12 | 2482 | 1.21E-11 | 2584 | 1.37E-11 | 2686 | 1.55E-11 | 2788 | 1.56E-11 | 2890 | 1.71E-11 | 2992 | 1.69E-11 | 3094 | 1.56E-11 | 3196 | 1.68E-11 |
| 2076 | 6.18E-12 | 2178 | 4.03E-12 | 2280 | 4.78E-12 | 2382 | 8.59E-12 | 2484 | 1.15E-11 | 2586 | 1.34E-11 | 2688 | 1.57E-11 | 2790 | 1.49E-11 | 2892 | 1.74E-11 | 2994 | 1.68E-11 | 3096 | 1.61E-11 | 3198 | 1.68E-11 |


HD 13854 B1 Iab V=6.49 (B-V)=0.28 E(B-V)=0.47
LAP: LWP 14595, LWP 14597; SAP: LWP14597
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

**HD 225094 B3 Iab V=6.24 (B-V)=0.33 E(B-V)=0.46**

**LAP: SWP 31262**

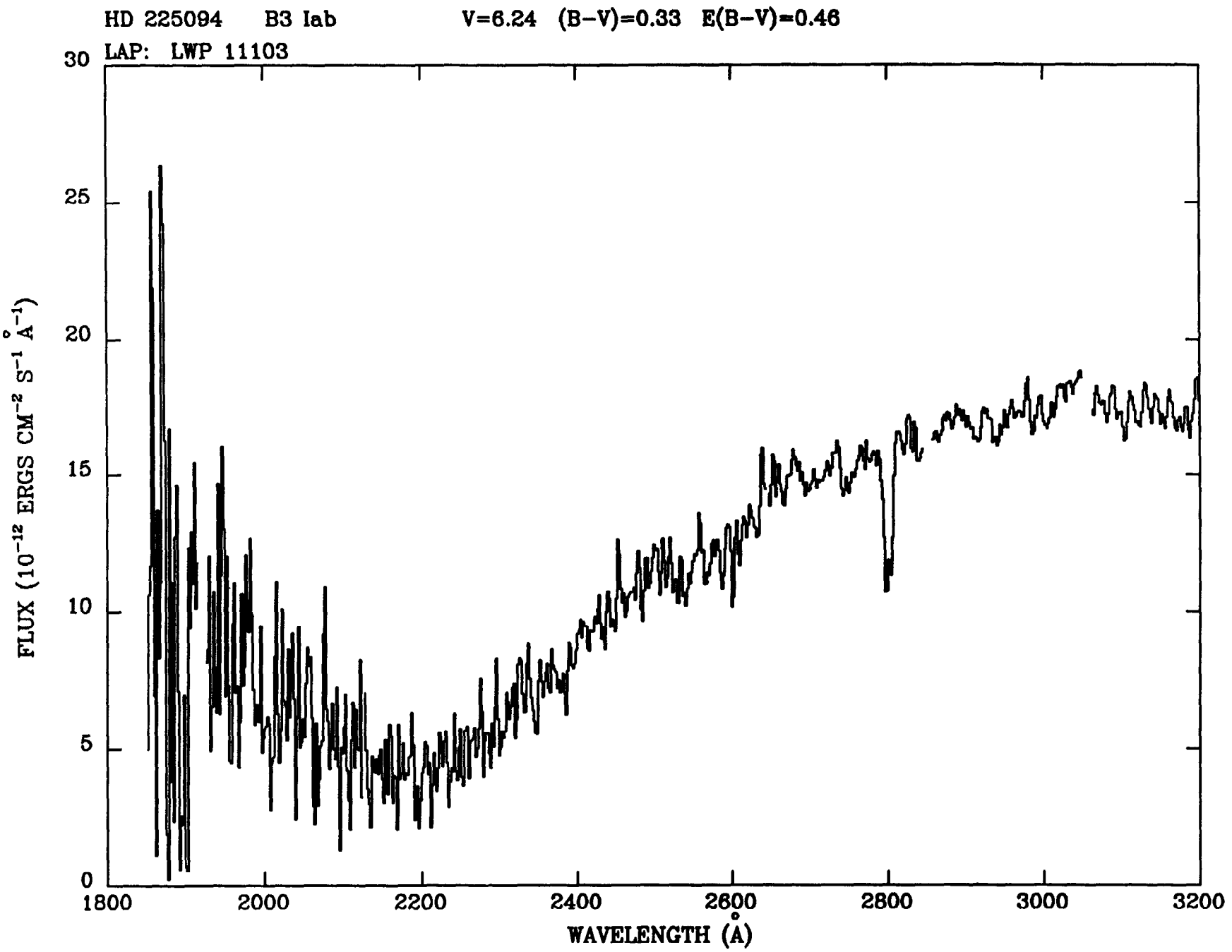
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 3.77E-12 | 1222 | 2.69E-12 | 1292 | 9.61E-12 | 1362 | 1.37E-11 | 1432 | 1.54E-11 | 1502 | 1.47E-11 | 1572 | 1.45E-11 | 1642 | 1.55E-11 | 1712 | 1.18E-11 | 1782 | 1.34E-11 | 1852 | 8.65E-12 | 1922 | |
| 1154 | 4.54E-12 | 1224 | 3.74E-12 | 1294 | 9.57E-12 | 1364 | 1.43E-11 | 1434 | 1.48E-11 | 1504 | 1.48E-11 | 1574 | 1.39E-11 | 1644 | 1.60E-11 | 1714 | 1.11E-11 | 1784 | 1.31E-11 | 1854 | 8.95E-12 | 1924 | |
| 1156 | 5.77E-12 | 1226 | 4.41E-12 | 1296 | 8.62E-12 | 1366 | 1.39E-11 | 1436 | 1.57E-11 | 1506 | 1.43E-11 | 1576 | 1.38E-11 | 1646 | 1.54E-11 | 1716 | 1.04E-11 | 1786 | 1.23E-11 | 1856 | 8.67E-12 | 1926 | 5.54E-12 |
| 1158 | 5.68E-12 | 1228 | 5.55E-12 | 1298 | 7.94E-12 | 1368 | 1.41E-11 | 1438 | 1.63E-11 | 1508 | 1.31E-11 | 1578 | 1.34E-11 | 1648 | 1.50E-11 | 1718 | 1.03E-11 | 1788 | 1.18E-11 | 1858 | 8.34E-12 | 1928 | 6.39E-12 |
| 1160 | 6.48E-12 | 1230 | 6.55E-12 | 1300 | 7.89E-12 | 1370 | 1.32E-11 | 1440 | 1.61E-11 | 1510 | 1.31E-11 | 1580 | 1.39E-11 | 1650 | 1.47E-11 | 1720 | 1.07E-11 | 1790 | | 1860 | 8.96E-12 | 1930 | 7.20E-12 |
| 1162 | 6.68E-12 | 1232 | 6.82E-12 | 1302 | 1.01E-11 | 1372 | 1.27E-11 | 1442 | 1.55E-11 | 1512 | 1.31E-11 | 1582 | 1.46E-11 | 1652 | 1.40E-11 | 1722 | 1.17E-11 | 1792 | | 1862 | 9.55E-12 | 1932 | 7.35E-12 |
| 1164 | 6.47E-12 | 1234 | 8.21E-12 | 1304 | 1.18E-11 | 1374 | 1.26E-11 | 1444 | 1.57E-11 | 1514 | 1.32E-11 | 1584 | 1.52E-11 | 1654 | 1.25E-11 | 1724 | 1.29E-11 | 1794 | 1.44E-11 | 1864 | 9.96E-12 | 1934 | 7.15E-12 |
| 1166 | 6.08E-12 | 1236 | 9.27E-12 | 1306 | 1.36E-11 | 1376 | 1.25E-11 | 1446 | 1.63E-11 | 1516 | 1.42E-11 | 1586 | 1.58E-11 | 1656 | 1.31E-11 | 1726 | 1.33E-11 | 1796 | 1.45E-11 | 1866 | 1.00E-11 | 1936 | 6.86E-12 |
| 1168 | 5.76E-12 | 1238 | 1.06E-11 | 1308 | 1.33E-11 | 1378 | 1.20E-11 | 1448 | 1.65E-11 | 1518 | 1.48E-11 | 1588 | 1.55E-11 | 1658 | 1.38E-11 | 1728 | 1.33E-11 | 1798 | 1.45E-11 | 1868 | 1.01E-11 | 1938 | 6.84E-12 |
| 1170 | 4.09E-12 | 1240 | 1.06E-11 | 1310 | 1.33E-11 | 1380 | 1.28E-11 | 1450 | 1.58E-11 | 1520 | 1.42E-11 | 1590 | 1.44E-11 | 1660 | | 1730 | 1.34E-11 | 1800 | 1.42E-11 | 1870 | 1.05E-11 | 1940 | 7.03E-12 |
| 1172 | 3.46E-12 | 1242 | 1.02E-11 | 1312 | 1.34E-11 | 1382 | 1.32E-11 | 1452 | 1.59E-11 | 1522 | 1.29E-11 | 1592 | 1.40E-11 | 1662 | 1.51E-11 | 1732 | 1.35E-11 | 1802 | 1.37E-11 | 1872 | 1.08E-11 | 1942 | 7.18E-12 |
| 1174 | 4.52E-12 | 1244 | 9.20E-12 | 1314 | 1.45E-11 | 1384 | 1.28E-11 | 1454 | 1.63E-11 | 1524 | 1.13E-11 | 1594 | 1.37E-11 | 1664 | 1.49E-11 | 1734 | 1.33E-11 | 1804 | 1.31E-11 | 1874 | 1.05E-11 | 1944 | 7.00E-12 |
| 1176 | 5.68E-12 | 1246 | 9.04E-12 | 1316 | 1.44E-11 | 1386 | 1.12E-11 | 1456 | 1.66E-11 | 1526 | 1.18E-11 | 1596 | 1.39E-11 | 1666 | 1.37E-11 | 1736 | 1.29E-11 | 1806 | 1.26E-11 | 1876 | 9.69E-12 | 1946 | 6.59E-12 |
| 1178 | 6.13E-12 | 1248 | 9.00E-12 | 1318 | 1.45E-11 | 1388 | 9.29E-12 | 1458 | 1.65E-11 | 1528 | 1.18E-11 | 1598 | 1.34E-11 | 1668 | 1.26E-11 | 1738 | 1.25E-11 | 1808 | 1.25E-11 | 1878 | 8.53E-12 | 1948 | 6.03E-12 |
| 1180 | 6.28E-12 | 1250 | 9.57E-12 | 1320 | 1.33E-11 | 1390 | 8.61E-12 | 1460 | 1.63E-11 | 1530 | 1.13E-11 | 1600 | 1.31E-11 | 1670 | 1.36E-11 | 1740 | 1.25E-11 | 1810 | 1.24E-11 | 1880 | 7.71E-12 | 1950 | 5.63E-12 |
| 1182 | 6.26E-12 | 1252 | 1.03E-11 | 1322 | 1.31E-11 | 1392 | 1.03E-11 | 1462 | 1.47E-11 | 1532 | 1.15E-11 | 1602 | 1.25E-11 | 1672 | 1.46E-11 | 1742 | 1.18E-11 | 1812 | 1.21E-11 | 1882 | 7.42E-12 | 1952 | 5.57E-12 |
| 1184 | 5.74E-12 | 1254 | 9.57E-12 | 1324 | | 1394 | 1.15E-11 | 1464 | 1.46E-11 | 1534 | 1.13E-11 | 1604 | 1.20E-11 | 1674 | 1.54E-11 | 1744 | 1.14E-11 | 1814 | 1.20E-11 | 1884 | 7.18E-12 | 1954 | 5.59E-12 |
| 1186 | 5.44E-12 | 1256 | 8.01E-12 | 1326 | | 1396 | 1.07E-11 | 1466 | 1.44E-11 | 1536 | 1.12E-11 | 1606 | 1.14E-11 | 1676 | 1.60E-11 | 1746 | 1.16E-11 | 1816 | 1.19E-11 | 1886 | 6.95E-12 | 1956 | 5.64E-12 |
| 1188 | 4.73E-12 | 1258 | 7.56E-12 | 1328 | 1.06E-11 | 1398 | 1.06E-11 | 1468 | 1.48E-11 | 1538 | 1.17E-11 | 1608 | 1.14E-11 | 1678 | 1.62E-11 | 1748 | 1.21E-11 | 1818 | 1.16E-11 | 1888 | 6.59E-12 | 1958 | 5.77E-12 |
| 1190 | 4.58E-12 | 1260 | 9.46E-12 | 1330 | 8.69E-12 | 1400 | 1.19E-11 | 1470 | 1.55E-11 | 1540 | 1.01E-11 | 1610 | 1.26E-11 | 1680 | 1.59E-11 | 1750 | 1.31E-11 | 1820 | 1.17E-11 | 1890 | 6.37E-12 | 1960 | 5.93E-12 |
| 1192 | | 1262 | 1.02E-11 | 1332 | 8.65E-12 | 1402 | 1.39E-11 | 1472 | 1.60E-11 | 1542 | 8.69E-12 | 1612 | 1.41E-11 | 1682 | 1.53E-11 | 1752 | 1.43E-11 | 1822 | 1.20E-11 | 1892 | 6.76E-12 | 1962 | 6.20E-12 |
| 1194 | | 1264 | 1.11E-11 | 1334 | 1.24E-11 | 1404 | 1.45E-11 | 1474 | 1.53E-11 | 1544 | 8.26E-12 | 1614 | 1.48E-11 | 1684 | 1.53E-11 | 1754 | 1.46E-11 | 1824 | 1.23E-11 | 1894 | 7.41E-12 | 1964 | 6.79E-12 |
| 1196 | 3.18E-12 | 1266 | 1.21E-11 | 1336 | 1.42E-11 | 1406 | 1.40E-11 | 1476 | 1.50E-11 | 1546 | 1.06E-11 | 1616 | 1.40E-11 | 1686 | 1.47E-11 | 1756 | 1.41E-11 | 1826 | 1.20E-11 | 1896 | 7.75E-12 | 1966 | 7.27E-12 |
| 1198 | 2.34E-12 | 1268 | 1.17E-11 | 1338 | 1.30E-11 | 1408 | 1.40E-11 | 1478 | 1.52E-11 | 1548 | 1.31E-11 | 1618 | 1.34E-11 | 1688 | 1.45E-11 | 1758 | 1.37E-11 | 1828 | 1.20E-11 | 1898 | 7.60E-12 | 1968 | 7.70E-12 |
| 1200 | 1.69E-12 | 1270 | 1.19E-11 | 1340 | 1.21E-11 | 1410 | 1.35E-11 | 1480 | 1.52E-11 | 1550 | 1.45E-11 | 1620 | 1.35E-11 | 1690 | 1.39E-11 | 1760 | 1.34E-11 | 1830 | 1.22E-11 | 1900 | 7.48E-12 | 1970 | 7.76E-12 |
| 1202 | 1.37E-12 | 1272 | 1.17E-11 | 1342 | 1.20E-11 | 1412 | 1.35E-11 | 1482 | 1.50E-11 | 1552 | 1.42E-11 | 1622 | 1.39E-11 | 1692 | 1.33E-11 | 1762 | 1.38E-11 | 1832 | 1.20E-11 | 1902 | 7.53E-12 | 1972 | 7.56E-12 |
| 1204 | 1.05E-12 | 1274 | 1.13E-11 | 1344 | 1.33E-11 | 1414 | 1.28E-11 | 1484 | 1.64E-11 | 1554 | 1.36E-11 | 1624 | 1.35E-11 | 1694 | 1.37E-11 | 1764 | 1.37E-11 | 1834 | 1.18E-11 | 1904 | 7.59E-12 | 1974 | 7.16E-12 |
| 1206 | 1.28E-12 | 1276 | 1.17E-11 | 1346 | 1.49E-11 | 1416 | 1.27E-11 | 1486 | 1.68E-11 | 1556 | 1.30E-11 | 1626 | 1.34E-11 | 1696 | 1.37E-11 | 1766 | 1.27E-11 | 1836 | 1.12E-11 | 1906 | 7.52E-12 | | |
| 1208 | 2.00E-12 | 1278 | 1.25E-11 | 1348 | 1.50E-11 | 1418 | 1.25E-11 | 1488 | 1.58E-11 | 1558 | 1.25E-11 | 1628 | 1.34E-11 | 1698 | 1.39E-11 | 1768 | 1.16E-11 | 1838 | 1.02E-11 | 1908 | 7.30E-12 | | |
| 1210 | 2.13E-12 | 1280 | 1.24E-11 | 1350 | 1.49E-11 | 1420 | 1.30E-11 | 1490 | 1.45E-11 | 1560 | 1.30E-11 | 1630 | 1.41E-11 | 1700 | 1.38E-11 | 1770 | 1.14E-11 | 1840 | 9.32E-12 | 1910 | 7.10E-12 | | |
| 1212 | 2.29E-12 | 1282 | 1.19E-11 | 1352 | 1.50E-11 | 1422 | 1.35E-11 | 1492 | 1.47E-11 | 1562 | 1.35E-11 | 1632 | 1.49E-11 | 1702 | 1.34E-11 | 1772 | 1.17E-11 | 1842 | 8.74E-12 | 1912 | 6.73E-12 | | |
| 1214 | 2.46E-12 | 1284 | 1.17E-11 | 1354 | 1.46E-11 | 1424 | 1.34E-11 | 1494 | 1.45E-11 | 1564 | 1.40E-11 | 1634 | 1.51E-11 | 1704 | 1.28E-11 | 1774 | 1.19E-11 | 1844 | 8.38E-12 | 1914 | 6.50E-12 | | |
| 1216 | 1.82E-12 | 1286 | 1.13E-11 | 1356 | 1.42E-11 | 1426 | 1.38E-11 | 1496 | 1.40E-11 | 1566 | 1.40E-11 | 1636 | 1.50E-11 | 1706 | 1.22E-11 | 1776 | 1.30E-11 | 1846 | 8.19E-12 | 1916 | 6.52E-12 | | |
| 1218 | 1.45E-12 | 1288 | 1.09E-11 | 1358 | 1.37E-11 | 1428 | 1.42E-11 | 1498 | 1.37E-11 | 1568 | 1.40E-11 | 1638 | 1.46E-11 | 1708 | 1.22E-11 | 1778 | 1.36E-11 | 1848 | 7.77E-12 | 1918 | 6.54E-12 | | |
| 1220 | 2.09E-12 | 1290 | 1.03E-11 | 1360 | 1.33E-11 | 1430 | 1.44E-11 | 1500 | 1.41E-11 | 1570 | 1.46E-11 | 1640 | 1.52E-11 | 1710 | 1.21E-11 | 1780 | 1.36E-11 | 1850 | 7.94E-12 | 1920 | 6.41E-12 | | |


HD 225094 B3 Iab V=6.24 (B−V)=0.33 E(B−V)=0.46
LAP: SWP 31262
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
0
3
6
9
12
15
18
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
WAVELENGTH (A)

**HD 225094 B3 Iab V=6.24 (B-V)=0.33 E(B-V)=0.46**

**LAP: LWP 11103**

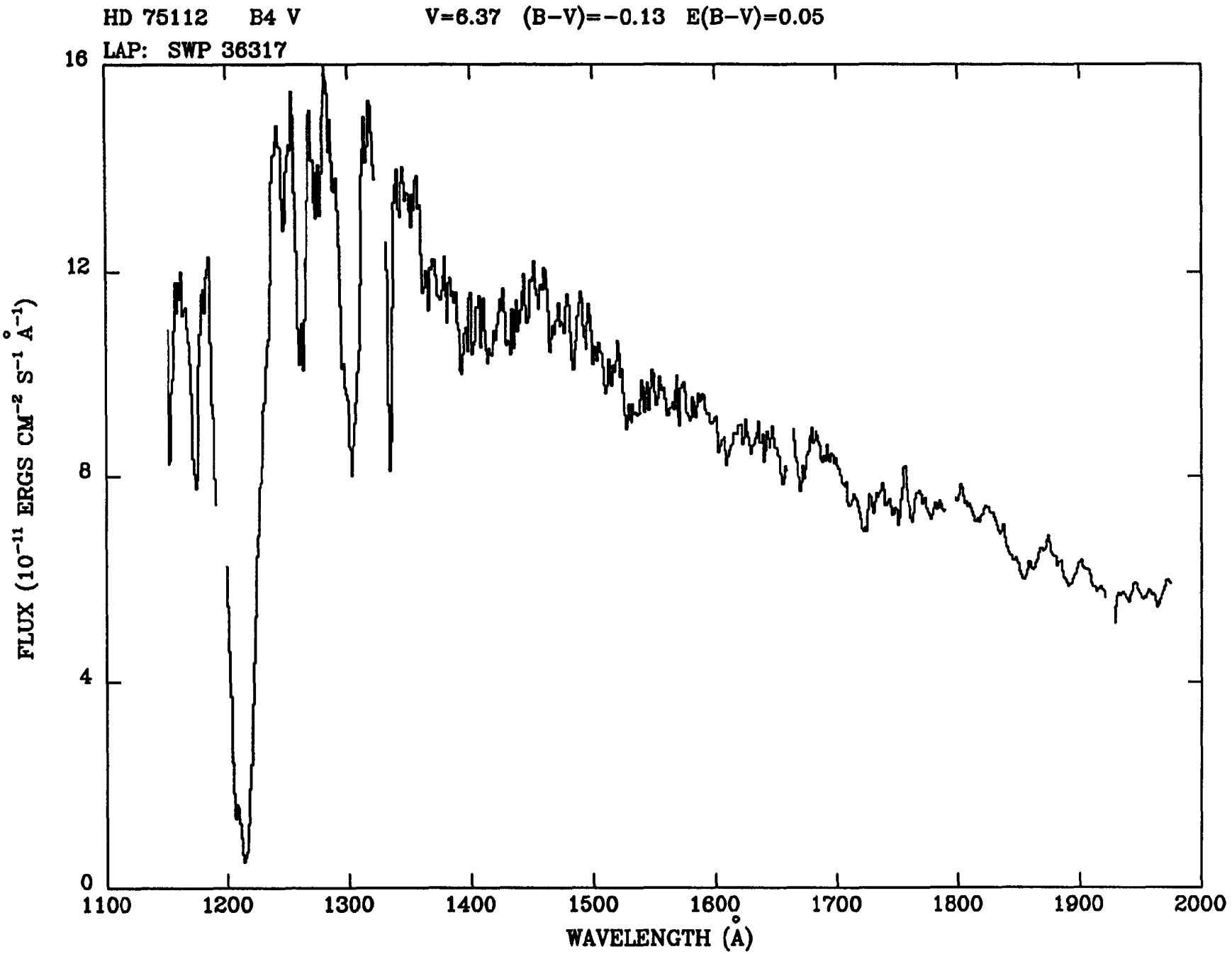
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.04E-11 | 2078 | 8.69E-12 | 2180 | 4.11E-12 | 2282 | 5.48E-12 | 2384 | 6.92E-12 | 2486 | 1.04E-11 | 2588 | 1.10E-11 | 2690 | 1.50E-11 | 2792 | 1.45E-11 | 2894 | 1.72E-11 | 2996 | 1.79E-11 | 3098 | 1.72E-11 |
| 1978 | 1.10E-11 | 2080 | 6.22E-12 | 2182 | 4.14E-12 | 2284 | 5.58E-12 | 2386 | 6.65E-12 | 2488 | 1.16E-11 | 2590 | 1.16E-11 | 2692 | 1.47E-11 | 2794 | 1.34E-11 | 2896 | 1.70E-11 | 2998 | 1.75E-11 | 3100 | 1.72E-11 |
| 1980 | 9.61E-12 | 2082 | 4.89E-12 | 2184 | 4.71E-12 | 2286 | 5.02E-12 | 2388 | 8.15E-12 | 2490 | 1.19E-11 | 2592 | 1.26E-11 | 2694 | 1.42E-11 | 2796 | 1.16E-11 | 2898 | 1.73E-11 | 3000 | 1.71E-11 | 3102 | 1.66E-11 |
| 1982 | 1.18E-11 | 2084 | 5.15E-12 | 2186 | 5.14E-12 | 2288 | 4.41E-12 | 2390 | 8.80E-12 | 2492 | 1.10E-11 | 2594 | 1.31E-11 | 2696 | 1.47E-11 | 2798 | 1.07E-11 | 2900 | 1.71E-11 | 3002 | 1.69E-11 | 3104 | 1.63E-11 |
| 1984 | 1.03E-11 | 2086 | 6.37E-12 | 2188 | 5.90E-12 | 2290 | 5.69E-12 | 2392 | 8.40E-12 | 2494 | 1.11E-11 | 2596 | 1.31E-11 | 2698 | 1.44E-11 | 2800 | 1.15E-11 | 2902 | 1.68E-11 | 3004 | 1.67E-11 | 3106 | 1.65E-11 |
| 1986 | 7.44E-12 | 2088 | 5.33E-12 | 2190 | 4.05E-12 | 2292 | 5.12E-12 | 2394 | 7.99E-12 | 2496 | 1.15E-11 | 2598 | 1.25E-11 | 2700 | 1.45E-11 | 2802 | 1.18E-11 | 2904 | 1.71E-11 | 3006 | 1.68E-11 | 3108 | 1.72E-11 |
| 1988 | 5.99E-12 | 2090 | 4.70E-12 | 2192 | 2.52E-12 | 2294 | 6.59E-12 | 2396 | 8.02E-12 | 2498 | 1.20E-11 | 2600 | 1.09E-11 | 2702 | 1.47E-11 | 2804 | 1.14E-11 | 2906 | 1.68E-11 | 3008 | 1.71E-11 | 3110 | 1.79E-11 |
| 1990 | 6.61E-12 | 2092 | 7.10E-12 | 2194 | 3.21E-12 | 2296 | 8.07E-12 | 2398 | 8.43E-12 | 2500 | 1.24E-11 | 2602 | 1.04E-11 | 2704 | 1.49E-11 | 2806 | 1.25E-11 | 2908 | 1.67E-11 | 3010 | 1.76E-11 | 3112 | 1.79E-11 |
| 1992 | 6.49E-12 | 2094 | 4.18E-12 | 2196 | 2.74E-12 | 2298 | 5.90E-12 | 2400 | 9.01E-12 | 2502 | 1.23E-11 | 2604 | 1.22E-11 | 2706 | 1.50E-11 | 2808 | 1.47E-11 | 2910 | 1.65E-11 | 3012 | 1.76E-11 | 3114 | 1.77E-11 |
| 1994 | 6.86E-12 | 2096 | 1.86E-12 | 2198 | 2.80E-12 | 2300 | 4.85E-12 | 2402 | 9.29E-12 | 2504 | 1.20E-11 | 2606 | 1.32E-11 | 2708 | 1.47E-11 | 2810 | 1.61E-11 | 2912 | 1.63E-11 | 3014 | 1.72E-11 | 3116 | 1.74E-11 |
| 1996 | 8.10E-12 | 2098 | 5.01E-12 | 2200 | 3.89E-12 | 2302 | 5.24E-12 | 2404 | 9.63E-12 | 2506 | 1.11E-11 | 2608 | 1.21E-11 | 2710 | 1.47E-11 | 2812 | 1.66E-11 | 2914 | 1.64E-11 | 3016 | 1.75E-11 | 3118 | 1.70E-11 |
| 1998 | 5.08E-12 | 2100 | 5.08E-12 | 2202 | 4.29E-12 | 2304 | 5.55E-12 | 2406 | 9.11E-12 | 2508 | 1.10E-11 | 2610 | 1.17E-11 | 2712 | 1.47E-11 | 2814 | 1.66E-11 | 2916 | 1.63E-11 | 3018 | 1.80E-11 | 3120 | 1.70E-11 |
| 2000 | 5.63E-12 | 2102 | 6.22E-12 | 2204 | 5.11E-12 | 2306 | 5.51E-12 | 2408 | 9.58E-12 | 2510 | 1.21E-11 | 2612 | 1.27E-11 | 2714 | 1.48E-11 | 2816 | 1.64E-11 | 2918 | 1.63E-11 | 3020 | 1.83E-11 | 3122 | 1.68E-11 |
| 2002 | 5.82E-12 | 2104 | 5.87E-12 | 2206 | 5.10E-12 | 2308 | 6.34E-12 | 2410 | 9.45E-12 | 2512 | 1.21E-11 | 2614 | 1.32E-11 | 2716 | 1.48E-11 | 2818 | 1.61E-11 | 2920 | 1.67E-11 | 3022 | 1.82E-11 | 3124 | 1.68E-11 |
| 2004 | 6.14E-12 | 2106 | 3.72E-12 | 2208 | 4.10E-12 | 2310 | 6.85E-12 | 2412 | 9.34E-12 | 2514 | 1.12E-11 | 2616 | 1.34E-11 | 2718 | 1.49E-11 | 2820 | 1.58E-11 | 2922 | 1.73E-11 | 3024 | 1.82E-11 | 3126 | 1.73E-11 |
| 2006 | 5.96E-12 | 2108 | 2.55E-12 | 2210 | 4.26E-12 | 2312 | 6.30E-12 | 2414 | 8.64E-12 | 2516 | 1.11E-11 | 2618 | 1.31E-11 | 2720 | 1.51E-11 | 2822 | 1.59E-11 | 2924 | 1.74E-11 | 3026 | 1.80E-11 | 3128 | 1.81E-11 |
| 2008 | 2.87E-12 | 2110 | 4.03E-12 | 2212 | 2.39E-12 | 2314 | 6.41E-12 | 2416 | 8.80E-12 | 2518 | 1.18E-11 | 2620 | 1.29E-11 | 2722 | 1.54E-11 | 2824 | 1.66E-11 | 2926 | 1.73E-11 | 3028 | 1.77E-11 | 3130 | 1.84E-11 |
| 2010 | 4.52E-12 | 2112 | 6.21E-12 | 2214 | 3.98E-12 | 2316 | 7.07E-12 | 2418 | 9.29E-12 | 2520 | 1.26E-11 | 2622 | 1.35E-11 | 2724 | 1.53E-11 | 2826 | 1.71E-11 | 2928 | 1.73E-11 | 3030 | 1.81E-11 | 3132 | 1.82E-11 |
| 2012 | 5.45E-12 | 2114 | 4.91E-12 | 2216 | 4.63E-12 | 2318 | 7.35E-12 | 2420 | 9.27E-12 | 2522 | 1.18E-11 | 2624 | 1.38E-11 | 2726 | 1.50E-11 | 2828 | 1.71E-11 | 2930 | 1.71E-11 | 3032 | 1.84E-11 | 3134 | 1.77E-11 |
| 2014 | 9.05E-12 | 2116 | 6.01E-12 | 2218 | 3.90E-12 | 2320 | 5.59E-12 | 2422 | 9.55E-12 | 2524 | 1.07E-11 | 2626 | 1.35E-11 | 2728 | 1.53E-11 | 2830 | 1.63E-11 | 2932 | 1.70E-11 | 3034 | 1.84E-11 | 3136 | 1.73E-11 |
| 2016 | 9.40E-12 | 2118 | 5.26E-12 | 2220 | 3.85E-12 | 2322 | 6.14E-12 | 2424 | 9.68E-12 | 2526 | 1.11E-11 | 2628 | 1.32E-11 | 2730 | 1.50E-11 | 2832 | 1.58E-11 | 2934 | 1.67E-11 | 3036 | 1.82E-11 | 3138 | 1.70E-11 |
| 2018 | 5.57E-12 | 2120 | 4.97E-12 | 2222 | 4.95E-12 | 2324 | 8.09E-12 | 2426 | 9.88E-12 | 2528 | 1.10E-11 | 2630 | 1.30E-11 | 2732 | 1.58E-11 | 2834 | 1.68E-11 | 2936 | 1.62E-11 | 3038 | 1.80E-11 | 3140 | 1.72E-11 |
| 2020 | 5.04E-12 | 2122 | 8.01E-12 | 2224 | 5.22E-12 | 2326 | 8.28E-12 | 2428 | 1.04E-11 | 2530 | 1.03E-11 | 2632 | 1.28E-11 | 2734 | 1.59E-11 | 2836 | 1.67E-11 | 2938 | 1.63E-11 | 3040 | 1.83E-11 | 3142 | 1.78E-11 |
| 2022 | 8.11E-12 | 2124 | 3.27E-12 | 2226 | 4.55E-12 | 2328 | 7.92E-12 | 2430 | 9.83E-12 | 2532 | 1.09E-11 | 2634 | 1.27E-11 | 2736 | 1.61E-11 | 2838 | 1.55E-11 | 2940 | 1.62E-11 | 3042 | 1.84E-11 | 3144 | 1.79E-11 |
| 2024 | 8.09E-12 | 2126 | | 2228 | 5.01E-12 | 2330 | 6.81E-12 | 2432 | 9.12E-12 | 2534 | 1.19E-11 | 2636 | 1.37E-11 | 2738 | 1.56E-11 | 2840 | 1.55E-11 | 2942 | 1.62E-11 | 3044 | 1.86E-11 | 3146 | 1.78E-11 |
| 2026 | 6.62E-12 | 2128 | 6.51E-12 | 2230 | 5.56E-12 | 2332 | 6.35E-12 | 2434 | 9.38E-12 | 2536 | 1.13E-11 | 2638 | 1.56E-11 | 2740 | 1.48E-11 | 2842 | 1.56E-11 | 2944 | 1.66E-11 | 3046 | 1.88E-11 | 3148 | 1.74E-11 |
| 2028 | 5.63E-12 | 2130 | 4.53E-12 | 2232 | 4.69E-12 | 2334 | 7.14E-12 | 2436 | 8.68E-12 | 2538 | 1.06E-11 | 2640 | 1.58E-11 | 2742 | 1.43E-11 | 2844 | 1.58E-11 | 2946 | 1.65E-11 | 3048 | 1.87E-11 | 3150 | 1.69E-11 |
| 2030 | 8.00E-12 | 2132 | 3.35E-12 | 2234 | 3.07E-12 | 2336 | 8.46E-12 | 2438 | 1.00E-11 | 2540 | 1.04E-11 | 2642 | 1.46E-11 | 2744 | 1.44E-11 | 2846 | 1.59E-11 | 2948 | 1.67E-11 | 3050 | 1.86E-11 | 3152 | 1.72E-11 |
| 2032 | 6.53E-12 | 2134 | 2.61E-12 | 2236 | 3.80E-12 | 2338 | 8.12E-12 | 2440 | 1.07E-11 | 2542 | 1.06E-11 | 2644 | 1.44E-11 | 2746 | 1.48E-11 | 2848 | | 2950 | 1.72E-11 | 3052 | | 3154 | 1.69E-11 |
| 2034 | 7.12E-12 | 2136 | 3.44E-12 | 2238 | 4.29E-12 | 2340 | 7.14E-12 | 2442 | 1.03E-11 | 2544 | 1.12E-11 | 2646 | | 2748 | 1.45E-11 | 2850 | | 2952 | 1.69E-11 | 3054 | | 3156 | 1.68E-11 |
| 2036 | 9.09E-12 | 2138 | 4.45E-12 | 2240 | 4.50E-12 | 2342 | 6.57E-12 | 2444 | 9.52E-12 | 2546 | 1.11E-11 | 2648 | 1.41E-11 | 2750 | 1.43E-11 | 2852 | | 2954 | 1.67E-11 | 3056 | | 3158 | 1.72E-11 |
| 2038 | 6.17E-12 | 2140 | 4.17E-12 | 2242 | 5.74E-12 | 2344 | 6.13E-12 | 2446 | 9.63E-12 | 2548 | 1.14E-11 | 2650 | 1.42E-11 | 2752 | 1.47E-11 | 2854 | | 2956 | 1.73E-11 | 3058 | | 3160 | 1.79E-11 |
| 2040 | 3.19E-12 | 2142 | 4.49E-12 | 2244 | 4.07E-12 | 2346 | 5.68E-12 | 2448 | 9.39E-12 | 2550 | 1.18E-11 | 2652 | 1.52E-11 | 2754 | 1.50E-11 | 2856 | 1.63E-11 | 2958 | 1.75E-11 | 3060 | | 3162 | 1.80E-11 |
| 2042 | 6.99E-12 | 2144 | 4.22E-12 | 2246 | 4.27E-12 | 2348 | 5.56E-12 | 2450 | 9.81E-12 | 2552 | 1.21E-11 | 2654 | 1.56E-11 | 2756 | 1.49E-11 | 2858 | 1.63E-11 | 2960 | 1.77E-11 | 3062 | 1.74E-11 | 3164 | 1.77E-11 |
| 2044 | 8.13E-12 | 2146 | 4.66E-12 | 2248 | 5.35E-12 | 2350 | 7.39E-12 | 2452 | 1.16E-11 | 2554 | 1.20E-11 | 2656 | 1.46E-11 | 2758 | 1.50E-11 | 2860 | 1.65E-11 | 2962 | 1.73E-11 | 3064 | 1.72E-11 | 3166 | 1.74E-11 |
| 2046 | 5.14E-12 | 2148 | 4.96E-12 | 2250 | 4.85E-12 | 2352 | 8.20E-12 | 2454 | 1.23E-11 | 2556 | 1.24E-11 | 2658 | 1.46E-11 | 2760 | 1.53E-11 | 2862 | 1.66E-11 | 2964 | 1.71E-11 | 3066 | 1.79E-11 | 3168 | 1.69E-11 |
| 2048 | 5.64E-12 | 2150 | 3.92E-12 | 2252 | 3.81E-12 | 2354 | 7.36E-12 | 2456 | 1.13E-11 | 2558 | 1.35E-11 | 2660 | 1.52E-11 | 2762 | 1.56E-11 | 2864 | 1.63E-11 | 2966 | 1.72E-11 | 3068 | 1.82E-11 | 3170 | 1.67E-11 |
| 2050 | 5.76E-12 | 2152 | 3.26E-12 | 2254 | 4.86E-12 | 2356 | 7.00E-12 | 2458 | 1.04E-11 | 2560 | 1.29E-11 | 2662 | 1.48E-11 | 2764 | 1.58E-11 | 2866 | 1.62E-11 | 2968 | 1.73E-11 | 3070 | 1.79E-11 | 3172 | 1.69E-11 |
| 2052 | 6.51E-12 | 2154 | 5.12E-12 | 2256 | 5.68E-12 | 2358 | 7.53E-12 | 2460 | 1.06E-11 | 2562 | 1.22E-11 | 2664 | 1.44E-11 | 2766 | 1.60E-11 | 2868 | 1.65E-11 | 2970 | 1.73E-11 | 3072 | 1.76E-11 | 3174 | 1.71E-11 |
| 2054 | 8.24E-12 | 2156 | 3.72E-12 | 2258 | 5.77E-12 | 2360 | 7.88E-12 | 2462 | 9.94E-12 | 2564 | 1.17E-11 | 2666 | 1.39E-11 | 2768 | 1.57E-11 | 2870 | 1.67E-11 | 2972 | 1.72E-11 | 3074 | 1.76E-11 | 3176 | 1.68E-11 |
| 2056 | 8.23E-12 | 2158 | 4.12E-12 | 2260 | 4.31E-12 | 2362 | 7.74E-12 | 2464 | 1.00E-11 | 2566 | 1.10E-11 | 2668 | 1.39E-11 | 2770 | 1.53E-11 | 2872 | 1.71E-11 | 2974 | 1.71E-11 | 3076 | 1.77E-11 | 3178 | 1.66E-11 |
| 2058 | 8.27E-12 | 2160 | 5.75E-12 | 2262 | 5.08E-12 | 2364 | 7.14E-12 | 2466 | 1.05E-11 | 2568 | 1.12E-11 | 2670 | 1.45E-11 | 2772 | 1.59E-11 | 2874 | 1.71E-11 | 2976 | 1.76E-11 | 3078 | 1.75E-11 | 3180 | 1.68E-11 |
| 2060 | 6.47E-12 | 2162 | 4.37E-12 | 2264 | 5.33E-12 | 2366 | 7.93E-12 | 2468 | 1.06E-11 | 2570 | 1.14E-11 | 2672 | 1.49E-11 | 2774 | 1.57E-11 | 2876 | 1.71E-11 | 2978 | 1.82E-11 | 3080 | 1.71E-11 | 3182 | 1.74E-11 |
| 2062 | 3.24E-12 | 2164 | 3.53E-12 | 2266 | 5.44E-12 | 2368 | 8.27E-12 | 2470 | 1.07E-11 | 2572 | 1.16E-11 | 2674 | 1.50E-11 | 2776 | 1.55E-11 | 2878 | 1.73E-11 | 2980 | 1.85E-11 | 3082 | 1.71E-11 | 3184 | 1.74E-11 |
| 2064 | 2.49E-12 | 2166 | 3.99E-12 | 2268 | 5.61E-12 | 2370 | 7.93E-12 | 2472 | 1.08E-11 | 2574 | 1.23E-11 | 2676 | 1.52E-11 | 2778 | 1.55E-11 | 2880 | 1.71E-11 | 2982 | 1.77E-11 | 3084 | 1.76E-11 | 3186 | 1.66E-11 |
| 2066 | 5.63E-12 | 2168 | 2.74E-12 | 2270 | 4.80E-12 | 2372 | 7.81E-12 | 2474 | 1.07E-11 | 2576 | 1.26E-11 | 2678 | 1.57E-11 | 2780 | 1.57E-11 | 2882 | 1.68E-11 | 2984 | 1.69E-11 | 3086 | 1.79E-11 | 3188 | 1.65E-11 |
| 2068 | 3.08E-12 | 2170 | 4.75E-12 | 2272 | 5.21E-12 | 2374 | 7.33E-12 | 2476 | 1.08E-11 | 2578 | 1.20E-11 | 2680 | 1.58E-11 | 2782 | 1.58E-11 | 2884 | 1.68E-11 | 2986 | 1.65E-11 | 3088 | 1.82E-11 | 3190 | 1.71E-11 |
| 2070 | 4.20E-12 | 2172 | 4.41E-12 | 2274 | 6.38E-12 | 2376 | 7.47E-12 | 2478 | 1.17E-11 | 2580 | 1.24E-11 | 2682 | 1.55E-11 | 2784 | 1.57E-11 | 2886 | 1.70E-11 | 2988 | 1.67E-11 | 3090 | 1.82E-11 | 3192 | 1.74E-11 |
| 2072 | 5.17E-12 | 2174 | 4.06E-12 | 2276 | 7.08E-12 | 2378 | 7.08E-12 | 2480 | 1.19E-11 | 2582 | 1.25E-11 | 2684 | 1.52E-11 | 2786 | 1.54E-11 | 2888 | 1.74E-11 | 2990 | 1.71E-11 | 3092 | 1.75E-11 | 3194 | 1.81E-11 |
| 2074 | 6.66E-12 | 2176 | 5.04E-12 | 2278 | 5.30E-12 | 2380 | 7.45E-12 | 2482 | 1.07E-11 | 2584 | 1.21E-11 | 2686 | 1.53E-11 | 2788 | 1.58E-11 | 2890 | 1.73E-11 | 2992 | 1.72E-11 | 3094 | 1.71E-11 | 3196 | 1.86E-11 |
| 2076 | 9.97E-12 | 2178 | 3.95E-12 | 2280 | 4.72E-12 | 2382 | 7.66E-12 | 2484 | 9.80E-12 | 2586 | 1.13E-11 | 2688 | 1.49E-11 | 2790 | 1.53E-11 | 2892 | 1.74E-11 | 2994 | 1.77E-11 | 3096 | 1.73E-11 | 3198 | 1.82E-11 |


HD 225094 B3 Iab V=6.24 (B-V)=0.33 E(B-V)=0.46
LAP: LWP 11103
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 75112 B4 V V=6.37 (B-V)=-0.13 E(B-V)=0.05**

**LAP: SWP 36317**

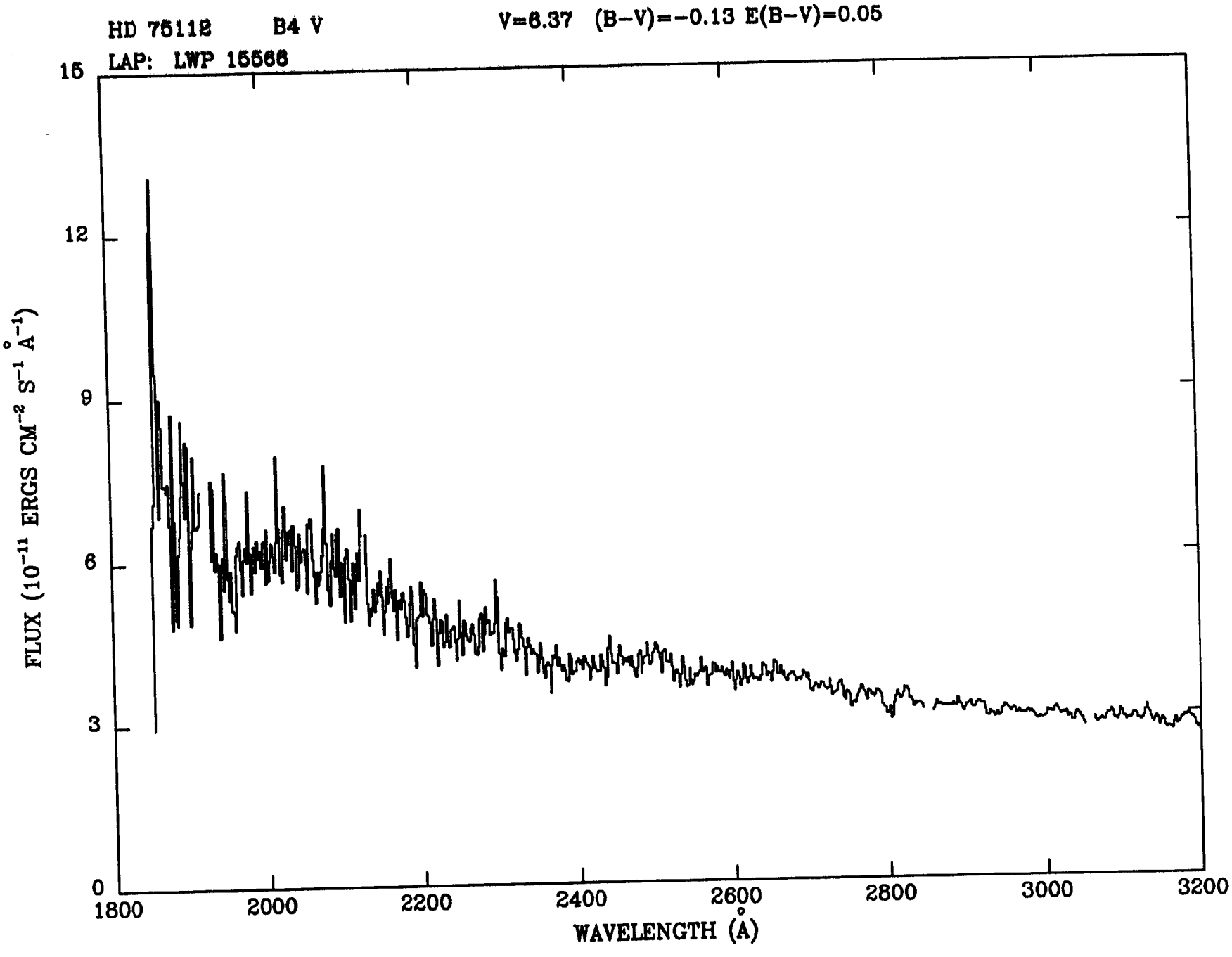
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 9.04E-11 | 1222 | 4.57E-11 | 1292 | 1.28E-10 | 1362 | 1.17E-10 | 1432 | 1.05E-10 | 1502 | 1.05E-10 | 1572 | 9.51E-11 | 1642 | 8.59E-11 | 1712 | 7.49E-11 | 1782 | 7.40E-11 | 1852 | 6.07E-11 | 1922 | 5.64E-11 |
| 1154 | 8.97E-11 | 1224 | 6.13E-11 | 1294 | 1.10E-10 | 1364 | 1.19E-10 | 1434 | 1.09E-10 | 1504 | 1.04E-10 | 1574 | 9.81E-11 | 1644 | 8.76E-11 | 1714 | 7.62E-11 | 1784 | 7.45E-11 | 1854 | 6.01E-11 | 1924 | |
| 1156 | 1.01E-10 | 1226 | 7.31E-11 | 1296 | 1.01E-10 | 1366 | 1.15E-10 | 1436 | 1.07E-10 | 1506 | 1.05E-10 | 1576 | 9.54E-11 | 1646 | 8.65E-11 | 1716 | 7.54E-11 | 1786 | 7.43E-11 | 1856 | 6.12E-11 | 1926 | |
| 1158 | 1.14E-10 | 1228 | 7.97E-11 | 1298 | 9.65E-11 | 1368 | 1.21E-10 | 1438 | 1.12E-10 | 1508 | 1.02E-10 | 1578 | 9.17E-11 | 1648 | 8.87E-11 | 1718 | 7.35E-11 | 1788 | 7.33E-11 | 1858 | 6.32E-11 | 1928 | 5.14E-11 |
| 1160 | 1.15E-10 | 1230 | 9.09E-11 | 1300 | 9.13E-11 | 1370 | 1.22E-10 | 1440 | 1.10E-10 | 1510 | 9.71E-11 | 1580 | 9.12E-11 | 1650 | 8.59E-11 | 1720 | 7.08E-11 | 1790 | 7.34E-11 | 1860 | 6.23E-11 | 1930 | 5.52E-11 |
| 1162 | 1.17E-10 | 1232 | 9.85E-11 | 1302 | 8.43E-11 | 1372 | 1.18E-10 | 1442 | 1.15E-10 | 1512 | 9.82E-11 | 1582 | 9.51E-11 | 1652 | 8.46E-11 | 1722 | 6.96E-11 | 1792 | | 1862 | 6.20E-11 | 1932 | 5.70E-11 |
| 1164 | 1.13E-10 | 1234 | 1.06E-10 | 1304 | 8.37E-11 | 1374 | 1.15E-10 | 1444 | 1.17E-10 | 1514 | 1.00E-10 | 1584 | 9.25E-11 | 1654 | 8.25E-11 | 1724 | 6.96E-11 | 1794 | | 1864 | 6.34E-11 | 1934 | 5.71E-11 |
| 1166 | 1.13E-10 | 1236 | 1.19E-10 | 1306 | 9.18E-11 | 1376 | 1.16E-10 | 1446 | 1.11E-10 | 1516 | 9.93E-11 | 1586 | 9.51E-11 | 1656 | 7.91E-11 | 1726 | 7.47E-11 | 1796 | | 1866 | 6.50E-11 | 1936 | 5.73E-11 |
| 1168 | 1.08E-10 | 1238 | 1.40E-10 | 1308 | 9.99E-11 | 1378 | 1.21E-10 | 1448 | 1.15E-10 | 1518 | 1.01E-10 | 1588 | 9.47E-11 | 1658 | 8.11E-11 | 1728 | 7.57E-11 | 1798 | 7.56E-11 | 1868 | 6.59E-11 | 1938 | 5.64E-11 |
| 1170 | 1.01E-10 | 1240 | 1.44E-10 | 1310 | 1.15E-10 | 1380 | 1.15E-10 | 1450 | 1.19E-10 | 1520 | 1.05E-10 | 1590 | 9.57E-11 | 1660 | 8.11E-11 | 1730 | 7.35E-11 | 1800 | 7.55E-11 | 1870 | 6.56E-11 | 1940 | 5.58E-11 |
| 1172 | 8.69E-11 | 1242 | 1.47E-10 | 1312 | 1.40E-10 | 1382 | 1.16E-10 | 1452 | 1.20E-10 | 1522 | 1.02E-10 | 1592 | 9.38E-11 | 1662 | | 1732 | 7.58E-11 | 1802 | 7.77E-11 | 1872 | 6.65E-11 | 1942 | 5.72E-11 |
| 1174 | 7.90E-11 | 1244 | 1.43E-10 | 1314 | 1.47E-10 | 1384 | 1.17E-10 | 1454 | 1.16E-10 | 1524 | 9.93E-11 | 1594 | 9.22E-11 | 1664 | 8.88E-11 | 1734 | 7.62E-11 | 1804 | 7.70E-11 | 1874 | 6.81E-11 | 1944 | 5.89E-11 |
| 1176 | 8.59E-11 | 1246 | 1.31E-10 | 1316 | 1.44E-10 | 1386 | 1.15E-10 | 1456 | 1.15E-10 | 1526 | 9.29E-11 | 1596 | 9.06E-11 | 1666 | 8.53E-11 | 1736 | 7.72E-11 | 1806 | 7.50E-11 | 1876 | 6.61E-11 | 1946 | 5.90E-11 |
| 1178 | 1.07E-10 | 1248 | 1.32E-10 | 1318 | 1.53E-10 | 1388 | 1.15E-10 | 1458 | 1.17E-10 | 1528 | 9.01E-11 | 1598 | 9.06E-11 | 1668 | 8.20E-11 | 1738 | 7.80E-11 | 1808 | 7.45E-11 | 1878 | 6.46E-11 | 1948 | 5.78E-11 |
| 1180 | 1.16E-10 | 1250 | 1.42E-10 | 1320 | 1.46E-10 | 1390 | 1.09E-10 | 1460 | 1.19E-10 | 1530 | 9.37E-11 | 1600 | 9.15E-11 | 1670 | 7.81E-11 | 1740 | 7.46E-11 | 1810 | 7.43E-11 | 1880 | 6.42E-11 | 1950 | 5.69E-11 |
| 1182 | 1.15E-10 | 1252 | 1.44E-10 | 1322 | 1.38E-10 | 1392 | 1.01E-10 | 1462 | 1.18E-10 | 1532 | 9.21E-11 | 1602 | 8.75E-11 | 1672 | 8.07E-11 | 1742 | 7.49E-11 | 1812 | 7.29E-11 | 1882 | 6.30E-11 | 1952 | 5.63E-11 |
| 1184 | 1.21E-10 | 1254 | 1.53E-10 | 1324 | | 1394 | 1.04E-10 | 1464 | 1.09E-10 | 1534 | 9.29E-11 | 1604 | 8.59E-11 | 1674 | 8.03E-11 | 1744 | 7.46E-11 | 1814 | 7.15E-11 | 1884 | 6.34E-11 | 1954 | 5.64E-11 |
| 1186 | 1.13E-10 | 1256 | 1.36E-10 | 1326 | | 1396 | 1.09E-10 | 1466 | 1.07E-10 | 1536 | 9.22E-11 | 1606 | 8.71E-11 | 1676 | 8.37E-11 | 1746 | 7.25E-11 | 1816 | 7.17E-11 | 1886 | 6.17E-11 | 1956 | 5.74E-11 |
| 1188 | 9.30E-11 | 1258 | 1.15E-10 | 1328 | | 1398 | 1.09E-10 | 1468 | 1.08E-10 | 1538 | 9.26E-11 | 1608 | 8.66E-11 | 1678 | 8.66E-11 | 1748 | 7.35E-11 | 1818 | 7.16E-11 | 1888 | 6.01E-11 | 1958 | 5.75E-11 |
| 1190 | 8.09E-11 | 1260 | 1.03E-10 | 1330 | 1.26E-10 | 1400 | 1.13E-10 | 1470 | 1.10E-10 | 1540 | 9.72E-11 | 1610 | 8.31E-11 | 1680 | 8.83E-11 | 1750 | 7.17E-11 | 1820 | 7.27E-11 | 1890 | 5.90E-11 | 1960 | 5.70E-11 |
| 1192 | 7.44E-11 | 1262 | 1.07E-10 | 1332 | 1.10E-10 | 1402 | 1.05E-10 | 1472 | 1.12E-10 | 1542 | 9.54E-11 | 1612 | 8.47E-11 | 1682 | 8.72E-11 | 1752 | 7.33E-11 | 1822 | 7.40E-11 | 1892 | 5.90E-11 | 1962 | 5.63E-11 |
| 1194 | | 1264 | 1.09E-10 | 1334 | 8.47E-11 | 1404 | 1.10E-10 | 1474 | 1.10E-10 | 1544 | 9.63E-11 | 1614 | 8.61E-11 | 1684 | 8.81E-11 | 1754 | 7.86E-11 | 1824 | 7.40E-11 | 1894 | 5.98E-11 | 1964 | 5.49E-11 |
| 1196 | | 1266 | 1.26E-10 | 1336 | 1.07E-10 | 1406 | 1.14E-10 | 1476 | 1.09E-10 | 1546 | 9.50E-11 | 1616 | 8.82E-11 | 1686 | 8.64E-11 | 1756 | 8.14E-11 | 1826 | 7.31E-11 | 1896 | 6.08E-11 | 1966 | 5.59E-11 |
| 1198 | | 1268 | 1.49E-10 | 1338 | 1.35E-10 | 1408 | 1.09E-10 | 1478 | 1.13E-10 | 1548 | 9.89E-11 | 1618 | 8.84E-11 | 1688 | 8.34E-11 | 1758 | 7.62E-11 | 1828 | 7.28E-11 | 1898 | 6.22E-11 | 1968 | 5.73E-11 |
| 1200 | 5.86E-11 | 1270 | 1.44E-10 | 1340 | 1.37E-10 | 1410 | 1.12E-10 | 1480 | 1.14E-10 | 1550 | 9.90E-11 | 1620 | 8.99E-11 | 1690 | 8.35E-11 | 1760 | 7.35E-11 | 1830 | 7.16E-11 | 1900 | 6.33E-11 | 1970 | 5.88E-11 |
| 1202 | 4.42E-11 | 1272 | 1.37E-10 | 1342 | 1.32E-10 | 1412 | 1.08E-10 | 1482 | 1.05E-10 | 1552 | 9.48E-11 | 1622 | 8.89E-11 | 1692 | 8.46E-11 | 1762 | 7.15E-11 | 1832 | 7.02E-11 | 1902 | 6.30E-11 | 1972 | 5.97E-11 |
| 1204 | 2.74E-11 | 1274 | 1.34E-10 | 1344 | 1.39E-10 | 1414 | 1.03E-10 | 1484 | 1.02E-10 | 1554 | 9.73E-11 | 1624 | 8.76E-11 | 1694 | 8.37E-11 | 1764 | 7.43E-11 | 1834 | 6.90E-11 | 1904 | 6.20E-11 | 1974 | 5.92E-11 |
| 1206 | 1.55E-11 | 1276 | 1.38E-10 | 1346 | 1.36E-10 | 1416 | 1.04E-10 | 1486 | 1.07E-10 | 1556 | 9.74E-11 | 1626 | 8.96E-11 | 1696 | 8.40E-11 | 1766 | 7.67E-11 | 1836 | 6.99E-11 | 1906 | 6.19E-11 | | |
| 1208 | 1.61E-11 | 1278 | 1.34E-10 | 1348 | 1.35E-10 | 1418 | 1.04E-10 | 1488 | 1.13E-10 | 1558 | 9.67E-11 | 1628 | 8.69E-11 | 1698 | 8.32E-11 | 1768 | 7.70E-11 | 1838 | 6.96E-11 | 1908 | 6.11E-11 | | |
| 1210 | 1.26E-11 | 1280 | 1.54E-10 | 1350 | 1.33E-10 | 1420 | 1.08E-10 | 1490 | 1.16E-10 | 1560 | 9.32E-11 | 1630 | 8.50E-11 | 1700 | 8.29E-11 | 1770 | 7.54E-11 | 1840 | 6.64E-11 | 1910 | 5.89E-11 | | |
| 1212 | 7.79E-12 | 1282 | 1.57E-10 | 1352 | 1.31E-10 | 1422 | 1.08E-10 | 1492 | 1.10E-10 | 1562 | 9.25E-11 | 1632 | 8.61E-11 | 1702 | 8.13E-11 | 1772 | 7.54E-11 | 1842 | 6.49E-11 | 1912 | 5.85E-11 | | |
| 1214 | 5.42E-12 | 1284 | 1.48E-10 | 1354 | 1.34E-10 | 1424 | 1.13E-10 | 1494 | 1.06E-10 | 1564 | 9.36E-11 | 1634 | 8.79E-11 | 1704 | 7.93E-11 | 1774 | 7.40E-11 | 1844 | 6.42E-11 | 1914 | 5.79E-11 | | |
| 1216 | 8.16E-12 | 1286 | 1.44E-10 | 1356 | 1.38E-10 | 1426 | 1.14E-10 | 1496 | 1.12E-10 | 1566 | 9.38E-11 | 1636 | 8.92E-11 | 1706 | 7.82E-11 | 1776 | 7.26E-11 | 1846 | 6.38E-11 | 1916 | 5.81E-11 | | |
| 1218 | 1.77E-11 | 1288 | 1.36E-10 | 1358 | 1.33E-10 | 1428 | 1.13E-10 | 1498 | 1.11E-10 | 1568 | 9.82E-11 | 1638 | 8.67E-11 | 1708 | 7.76E-11 | 1778 | 7.21E-11 | 1848 | 6.37E-11 | 1918 | 5.83E-11 | | |
| 1220 | 3.00E-11 | 1290 | 1.37E-10 | 1360 | 1.22E-10 | 1430 | 1.06E-10 | 1500 | 1.04E-10 | 1570 | 9.18E-11 | 1640 | 8.56E-11 | 1710 | 7.45E-11 | 1780 | 7.40E-11 | 1850 | 6.22E-11 | 1920 | 5.76E-11 | | |


HD 75112 B4 V V=6.37 (B−V)=−0.13 E(B−V)=0.05
LAP: SWP 36317
FLUX ($10^{-11}$ ERGS CM$^{-2}$ S$^{-1}$ Å$^{-1}$)
16
12
8
4
0
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
WAVELENGTH (Å)

**HD 75112 B4 V V=6.37 (B-V)=-0.13 E(B-V)=0.05**

**LAP: LWP 15566**

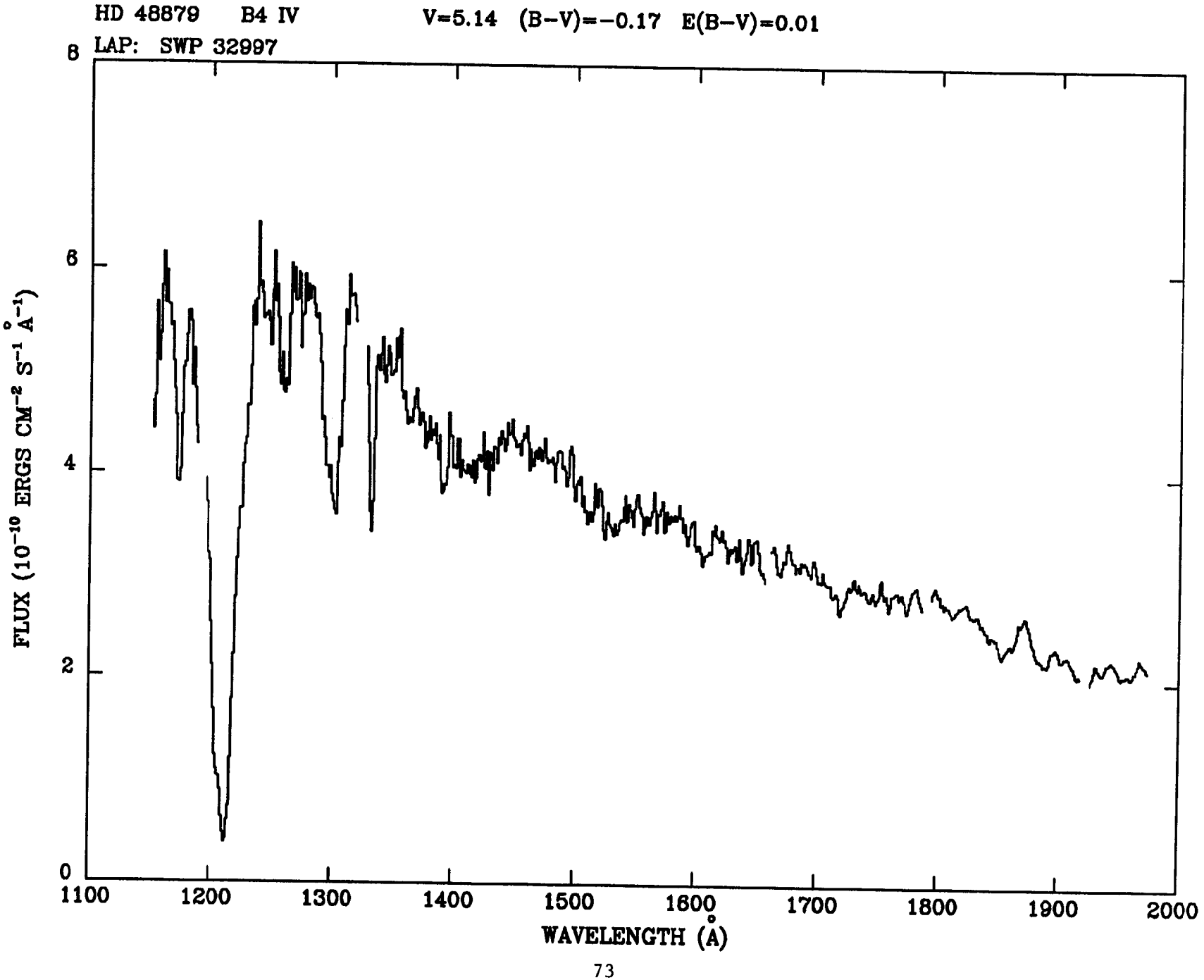
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 6.80E-11 | 2078 | 7.06E-11 | 2180 | 4.93E-11 | 2282 | 4.94E-11 | 2384 | 3.88E-11 | 2486 | 4.10E-11 | 2588 | 3.80E-11 | 2690 | 3.81E-11 | 2792 | 3.29E-11 | 2894 | 3.08E-11 | 2996 | 2.91E-11 | 3098 | 2.99E-11 |
| 1978 | 6.60E-11 | 2080 | 5.87E-11 | 2182 | 4.63E-11 | 2284 | 4.92E-11 | 2386 | 3.73E-11 | 2488 | 4.15E-11 | 2590 | 3.81E-11 | 2692 | 3.79E-11 | 2794 | 3.17E-11 | 2896 | 3.05E-11 | 2998 | 2.92E-11 | 3100 | 2.90E-11 |
| 1980 | 5.65E-11 | 2082 | 5.31E-11 | 2184 | 4.90E-11 | 2286 | 4.87E-11 | 2388 | 3.89E-11 | 2490 | 4.37E-11 | 2592 | 3.87E-11 | 2694 | 3.70E-11 | 2796 | 3.13E-11 | 2898 | 3.12E-11 | 3000 | 2.94E-11 | 3102 | 2.88E-11 |
| 1982 | 6.03E-11 | 2084 | 5.78E-11 | 2186 | 5.31E-11 | 2288 | 4.65E-11 | 2390 | 4.19E-11 | 2492 | 4.18E-11 | 2594 | 3.77E-11 | 2696 | 3.76E-11 | 2798 | 3.05E-11 | 2900 | 3.17E-11 | 3002 | 3.03E-11 | 3104 | 2.85E-11 |
| 1984 | 6.28E-11 | 2086 | 6.40E-11 | 2188 | 5.49E-11 | 2290 | 4.64E-11 | 2392 | 4.01E-11 | 2494 | 4.00E-11 | 2596 | 3.80E-11 | 2698 | 3.61E-11 | 2800 | 3.04E-11 | 2902 | 3.18E-11 | 3004 | 3.02E-11 | 3106 | 2.87E-11 |
| 1986 | 5.86E-11 | 2088 | 5.98E-11 | 2190 | 4.99E-11 | 2292 | 4.64E-11 | 2394 | 3.87E-11 | 2496 | 4.06E-11 | 2598 | 3.95E-11 | 2700 | 3.47E-11 | 2802 | 3.12E-11 | 2904 | 3.21E-11 | 3006 | 3.03E-11 | 3108 | 2.88E-11 |
| 1988 | 6.38E-11 | 2090 | 5.75E-11 | 2192 | 4.25E-11 | 2294 | 4.86E-11 | 2396 | 3.89E-11 | 2498 | 4.22E-11 | 2600 | 3.73E-11 | 2702 | 3.47E-11 | 2804 | 2.97E-11 | 2906 | 3.18E-11 | 3008 | 3.00E-11 | 3110 | 2.89E-11 |
| 1990 | 6.10E-11 | 2092 | 6.49E-11 | 2194 | 4.51E-11 | 2296 | 5.57E-11 | 2398 | 4.01E-11 | 2500 | 4.30E-11 | 2602 | 3.53E-11 | 2704 | 3.55E-11 | 2806 | 2.96E-11 | 2908 | 3.12E-11 | 3010 | 3.01E-11 | 3112 | 2.94E-11 |
| 1992 | 6.16E-11 | 2094 | 6.48E-11 | 2196 | 4.94E-11 | 2298 | 5.08E-11 | 2400 | 4.11E-11 | 2502 | 4.38E-11 | 2604 | 3.66E-11 | 2706 | 3.58E-11 | 2808 | 3.21E-11 | 2910 | 3.12E-11 | 3012 | 3.09E-11 | 3114 | 2.96E-11 |
| 1994 | 6.03E-11 | 2096 | 5.46E-11 | 2198 | 4.99E-11 | 2300 | 4.18E-11 | 2402 | 4.04E-11 | 2504 | 4.29E-11 | 2606 | 3.83E-11 | 2708 | 3.53E-11 | 2810 | 3.34E-11 | 2912 | 3.17E-11 | 3014 | 3.10E-11 | 3116 | 2.95E-11 |
| 1996 | 6.39E-11 | 2098 | 5.96E-11 | 2200 | 5.45E-11 | 2302 | 4.09E-11 | 2404 | 4.09E-11 | 2506 | 4.16E-11 | 2608 | 3.74E-11 | 2710 | 3.52E-11 | 2812 | 3.42E-11 | 2914 | 3.21E-11 | 3016 | 3.04E-11 | 3118 | 2.88E-11 |
| 1998 | 6.13E-11 | 2100 | 5.57E-11 | 2202 | 5.10E-11 | 2304 | 4.33E-11 | 2406 | 3.94E-11 | 2508 | 3.95E-11 | 2610 | 3.58E-11 | 2712 | 3.59E-11 | 2814 | 3.35E-11 | 2916 | 3.22E-11 | 3018 | 2.99E-11 | 3120 | 2.86E-11 |
| 2000 | 6.22E-11 | 2102 | 5.32E-11 | 2204 | 5.38E-11 | 2306 | 4.26E-11 | 2408 | 4.17E-11 | 2510 | 4.08E-11 | 2612 | 3.72E-11 | 2714 | 3.61E-11 | 2816 | 3.30E-11 | 2918 | 3.19E-11 | 3020 | 2.97E-11 | 3122 | 2.84E-11 |
| 2002 | 5.82E-11 | 2104 | 6.16E-11 | 2206 | 5.39E-11 | 2308 | 4.54E-11 | 2410 | 4.11E-11 | 2512 | 4.26E-11 | 2614 | 3.95E-11 | 2716 | 3.55E-11 | 2818 | 3.35E-11 | 2920 | 3.19E-11 | 3022 | 2.99E-11 | 3124 | 2.86E-11 |
| 2004 | 6.00E-11 | 2106 | 5.96E-11 | 2208 | 5.00E-11 | 2310 | 4.87E-11 | 2412 | 4.03E-11 | 2514 | 4.10E-11 | 2616 | 3.86E-11 | 2718 | 3.51E-11 | 2820 | 3.44E-11 | 2922 | 3.17E-11 | 3024 | 2.99E-11 | 3126 | 2.92E-11 |
| 2006 | 6.35E-11 | 2108 | 5.26E-11 | 2210 | 4.95E-11 | 2312 | 4.74E-11 | 2414 | 3.93E-11 | 2516 | 4.05E-11 | 2618 | 3.67E-11 | 2720 | 3.48E-11 | 2822 | 3.50E-11 | 2924 | 3.06E-11 | 3026 | 3.00E-11 | 3128 | 3.04E-11 |
| 2008 | 6.32E-11 | 2110 | 5.25E-11 | 2212 | 4.77E-11 | 2314 | 4.71E-11 | 2416 | 3.80E-11 | 2518 | 4.02E-11 | 2620 | 3.66E-11 | 2722 | 3.51E-11 | 2824 | 3.47E-11 | 2926 | 2.96E-11 | 3028 | 2.95E-11 | 3130 | 3.08E-11 |
| 2010 | 6.08E-11 | 2112 | 5.81E-11 | 2214 | 4.55E-11 | 2316 | 4.72E-11 | 2418 | 4.02E-11 | 2520 | 4.16E-11 | 2622 | 3.82E-11 | 2724 | 3.65E-11 | 2826 | 3.34E-11 | 2928 | 2.97E-11 | 3030 | 2.94E-11 | 3132 | 2.99E-11 |
| 2012 | 5.97E-11 | 2114 | 5.35E-11 | 2216 | 5.05E-11 | 2318 | 4.53E-11 | 2420 | 4.10E-11 | 2522 | 3.94E-11 | 2624 | 3.84E-11 | 2726 | 3.51E-11 | 2828 | 3.30E-11 | 2930 | 3.03E-11 | 3032 | 2.94E-11 | 3134 | 2.93E-11 |
| 2014 | 6.85E-11 | 2116 | 5.62E-11 | 2218 | 5.14E-11 | 2320 | 4.26E-11 | 2422 | 3.96E-11 | 2524 | 3.70E-11 | 2626 | 3.72E-11 | 2728 | 3.38E-11 | 2830 | 3.26E-11 | 2932 | 3.00E-11 | 3034 | 2.86E-11 | 3136 | 2.85E-11 |
| 2016 | 7.48E-11 | 2118 | 6.10E-11 | 2220 | 4.54E-11 | 2322 | 4.13E-11 | 2424 | 3.90E-11 | 2526 | 3.83E-11 | 2628 | 3.71E-11 | 2730 | 3.42E-11 | 2832 | 3.16E-11 | 2934 | 2.97E-11 | 3036 | 2.85E-11 | 3138 | 2.80E-11 |
| 2018 | 6.26E-11 | 2120 | 5.68E-11 | 2222 | 4.38E-11 | 2324 | 4.39E-11 | 2426 | 3.90E-11 | 2528 | 3.87E-11 | 2630 | 3.71E-11 | 2732 | 3.44E-11 | 2834 | 3.21E-11 | 2936 | 2.94E-11 | 3038 | 2.95E-11 | 3140 | 2.83E-11 |
| 2020 | 5.72E-11 | 2122 | 6.93E-11 | 2224 | 4.80E-11 | 2326 | 4.79E-11 | 2428 | 3.89E-11 | 2530 | 3.74E-11 | 2632 | 3.68E-11 | 2734 | 3.51E-11 | 2836 | 3.19E-11 | 2938 | 2.99E-11 | 3040 | 3.01E-11 | 3142 | 2.89E-11 |
| 2022 | 6.17E-11 | 2124 | 6.47E-11 | 2226 | 4.89E-11 | 2328 | 4.71E-11 | 2430 | 4.12E-11 | 2532 | 3.64E-11 | 2634 | 3.67E-11 | 2736 | 3.60E-11 | 2838 | 3.20E-11 | 2940 | 2.97E-11 | 3042 | 2.99E-11 | 3144 | 2.86E-11 |
| 2024 | 6.86E-11 | 2126 | | 2228 | 4.52E-11 | 2330 | 4.48E-11 | 2432 | 4.10E-11 | 2534 | 3.94E-11 | 2636 | 3.75E-11 | 2738 | 3.63E-11 | 2840 | 3.22E-11 | 2942 | 2.96E-11 | 3044 | 2.94E-11 | 3146 | 2.76E-11 |
| 2026 | 6.41E-11 | 2128 | 6.10E-11 | 2230 | 4.47E-11 | 2332 | 4.17E-11 | 2434 | 3.96E-11 | 2536 | 4.03E-11 | 2638 | 3.98E-11 | 2740 | 3.56E-11 | 2842 | 3.19E-11 | 2944 | 3.05E-11 | 3046 | 2.89E-11 | 3148 | 2.78E-11 |
| 2028 | 6.28E-11 | 2130 | 6.05E-11 | 2232 | 4.91E-11 | 2334 | 4.07E-11 | 2436 | 3.64E-11 | 2538 | 3.80E-11 | 2640 | 3.94E-11 | 2742 | 3.39E-11 | 2844 | 3.15E-11 | 2946 | 3.10E-11 | 3048 | 2.85E-11 | 3150 | 2.87E-11 |
| 2030 | 6.54E-11 | 2132 | 5.08E-11 | 2234 | 4.53E-11 | 2336 | 4.45E-11 | 2438 | 3.83E-11 | 2540 | 3.62E-11 | 2642 | 3.88E-11 | 2744 | 3.30E-11 | 2846 | 3.10E-11 | 2948 | 3.14E-11 | 3050 | 2.79E-11 | 3152 | 2.82E-11 |
| 2032 | 6.60E-11 | 2134 | 4.91E-11 | 2236 | 4.41E-11 | 2338 | 4.45E-11 | 2440 | 4.35E-11 | 2542 | 3.59E-11 | 2644 | 3.76E-11 | 2746 | 3.41E-11 | 2848 | | 2950 | 3.13E-11 | 3052 | 2.77E-11 | 3154 | 2.71E-11 |
| 2034 | 5.89E-11 | 2136 | 5.08E-11 | 2238 | 4.72E-11 | 2340 | 4.30E-11 | 2442 | 4.45E-11 | 2544 | 3.83E-11 | 2646 | 3.81E-11 | 2748 | 3.43E-11 | 2850 | | 2952 | 3.10E-11 | 3054 | | 3156 | 2.69E-11 |
| 2036 | 6.66E-11 | 2138 | 5.35E-11 | 2240 | 4.75E-11 | 2342 | 4.30E-11 | 2444 | 4.15E-11 | 2546 | 3.73E-11 | 2648 | 3.73E-11 | 2750 | 3.38E-11 | 2852 | | 2954 | 3.06E-11 | 3056 | | 3158 | 2.70E-11 |
| 2038 | 6.20E-11 | 2140 | 5.22E-11 | 2242 | 4.71E-11 | 2344 | 4.27E-11 | 2446 | 4.03E-11 | 2548 | 3.62E-11 | 2650 | 3.73E-11 | 2752 | 3.17E-11 | 2854 | | 2956 | 3.04E-11 | 3058 | | 3160 | 2.70E-11 |
| 2040 | 5.52E-11 | 2142 | 5.20E-11 | 2244 | 4.36E-11 | 2346 | 4.23E-11 | 2448 | 4.04E-11 | 2550 | 3.68E-11 | 2652 | 3.93E-11 | 2754 | 3.23E-11 | 2856 | 3.06E-11 | 2958 | 3.08E-11 | 3060 | | 3162 | 2.69E-11 |
| 2042 | 5.81E-11 | 2144 | 5.53E-11 | 2246 | 4.31E-11 | 2348 | 3.92E-11 | 2450 | 3.93E-11 | 2552 | 3.80E-11 | 2654 | 4.01E-11 | 2756 | 3.24E-11 | 2858 | 3.09E-11 | 2960 | 3.10E-11 | 3062 | 2.90E-11 | 3164 | 2.72E-11 |
| 2044 | 6.35E-11 | 2146 | 5.42E-11 | 2248 | 4.86E-11 | 2350 | 4.07E-11 | 2452 | 4.03E-11 | 2554 | 3.76E-11 | 2656 | 3.86E-11 | 2758 | 3.25E-11 | 2860 | 3.15E-11 | 2962 | 3.05E-11 | 3064 | 2.84E-11 | 3166 | 2.82E-11 |
| 2046 | 6.09E-11 | 2148 | 5.79E-11 | 2250 | 4.95E-11 | 2352 | 4.40E-11 | 2454 | 4.30E-11 | 2556 | 3.82E-11 | 2658 | 3.78E-11 | 2760 | 3.35E-11 | 2862 | 3.23E-11 | 2964 | 3.01E-11 | 3066 | 2.81E-11 | 3168 | 2.80E-11 |
| 2048 | 6.23E-11 | 2150 | 5.31E-11 | 2252 | 4.43E-11 | 2354 | 4.12E-11 | 2456 | 4.22E-11 | 2558 | 3.93E-11 | 2660 | 3.89E-11 | 2762 | 3.42E-11 | 2864 | 3.18E-11 | 2966 | 3.04E-11 | 3068 | 2.84E-11 | 3170 | 2.76E-11 |
| 2050 | 6.10E-11 | 2152 | 4.72E-11 | 2254 | 4.65E-11 | 2356 | 3.85E-11 | 2458 | 4.04E-11 | 2560 | 4.00E-11 | 2662 | 3.84E-11 | 2764 | 3.49E-11 | 2866 | 3.19E-11 | 2968 | 3.03E-11 | 3070 | 2.86E-11 | 3172 | 2.79E-11 |
| 2052 | 5.66E-11 | 2154 | 5.16E-11 | 2256 | 4.84E-11 | 2358 | 3.85E-11 | 2460 | 4.11E-11 | 2562 | 3.84E-11 | 2664 | 3.74E-11 | 2766 | 3.51E-11 | 2868 | 3.17E-11 | 2970 | 3.01E-11 | 3072 | 2.87E-11 | 3174 | 2.84E-11 |
| 2054 | 6.27E-11 | 2156 | 5.45E-11 | 2258 | 4.65E-11 | 2360 | 4.04E-11 | 2462 | 4.11E-11 | 2564 | 3.90E-11 | 2666 | 3.81E-11 | 2768 | 3.46E-11 | 2870 | 3.15E-11 | 2972 | 3.00E-11 | 3074 | 2.85E-11 | 3176 | 2.88E-11 |
| 2056 | 6.66E-11 | 2158 | 5.36E-11 | 2260 | 4.52E-11 | 2362 | 4.04E-11 | 2464 | 4.06E-11 | 2566 | 3.74E-11 | 2668 | 3.68E-11 | 2770 | 3.37E-11 | 2872 | 3.16E-11 | 2974 | 2.99E-11 | 3076 | 2.87E-11 | 3178 | 2.92E-11 |
| 2058 | 6.77E-11 | 2160 | 5.80E-11 | 2262 | 4.49E-11 | 2364 | 3.76E-11 | 2466 | 4.12E-11 | 2568 | 3.69E-11 | 2670 | 3.67E-11 | 2772 | 3.29E-11 | 2874 | 3.16E-11 | 2976 | 3.02E-11 | 3078 | 2.95E-11 | 3180 | 2.91E-11 |
| 2060 | 6.16E-11 | 2162 | 5.72E-11 | 2264 | 4.73E-11 | 2366 | 3.78E-11 | 2468 | 4.01E-11 | 2570 | 3.78E-11 | 2672 | 3.76E-11 | 2774 | 3.42E-11 | 2876 | 3.15E-11 | 2978 | 3.05E-11 | 3080 | 2.97E-11 | 3182 | 2.93E-11 |
| 2062 | 5.76E-11 | 2164 | 5.20E-11 | 2266 | 4.78E-11 | 2368 | 4.14E-11 | 2470 | 4.11E-11 | 2572 | 3.79E-11 | 2674 | 3.78E-11 | 2776 | 3.44E-11 | 2878 | 3.16E-11 | 2980 | 3.01E-11 | 3082 | 2.97E-11 | 3184 | 2.95E-11 |
| 2064 | 5.29E-11 | 2166 | 5.29E-11 | 2268 | 4.56E-11 | 2370 | 4.16E-11 | 2472 | 3.91E-11 | 2574 | 3.96E-11 | 2676 | 3.81E-11 | 2778 | 3.36E-11 | 2880 | 3.15E-11 | 2982 | 3.02E-11 | 3084 | 3.02E-11 | 3186 | 2.90E-11 |
| 2066 | 5.79E-11 | 2168 | 4.87E-11 | 2270 | 4.26E-11 | 2372 | 4.32E-11 | 2474 | 3.80E-11 | 2576 | 3.98E-11 | 2678 | 3.78E-11 | 2780 | 3.38E-11 | 2882 | 3.18E-11 | 2984 | 3.00E-11 | 3086 | 3.00E-11 | 3188 | 2.87E-11 |
| 2068 | 5.41E-11 | 2170 | 4.98E-11 | 2272 | 4.83E-11 | 2374 | 4.06E-11 | 2476 | 3.93E-11 | 2578 | 3.83E-11 | 2680 | 3.68E-11 | 2782 | 3.33E-11 | 2884 | 3.17E-11 | 2986 | 2.95E-11 | 3088 | 2.90E-11 | 3190 | 2.85E-11 |
| 2070 | 5.72E-11 | 2172 | 5.38E-11 | 2274 | 4.47E-11 | 2376 | 4.14E-11 | 2478 | 4.08E-11 | 2580 | 3.92E-11 | 2682 | 3.66E-11 | 2784 | 3.38E-11 | 2886 | 3.16E-11 | 2988 | 2.90E-11 | 3090 | 2.87E-11 | 3192 | 2.78E-11 |
| 2072 | 5.92E-11 | 2174 | 5.14E-11 | 2276 | 4.84E-11 | 2378 | 4.08E-11 | 2480 | 4.03E-11 | 2582 | 3.84E-11 | 2684 | 3.70E-11 | 2786 | 3.46E-11 | 2888 | 3.36E-11 | 2990 | 2.84E-11 | 3092 | 2.85E-11 | 3194 | 2.70E-11 |
| 2074 | 6.29E-11 | 2176 | 5.38E-11 | 2278 | 4.65E-11 | 2380 | 3.91E-11 | 2482 | 4.01E-11 | 2584 | 3.84E-11 | 2686 | 3.68E-11 | 2788 | 3.43E-11 | 2890 | 3.21E-11 | 2992 | 2.92E-11 | 3094 | 2.91E-11 | 3196 | 2.70E-11 |
| 2076 | 7.13E-11 | 2178 | 5.26E-11 | 2280 | 4.48E-11 | 2382 | 4.00E-11 | 2484 | 3.94E-11 | 2586 | 3.89E-11 | 2688 | 3.71E-11 | 2790 | 3.40E-11 | 2892 | 3.17E-11 | 2994 | 2.92E-11 | 3096 | 3.04E-11 | 3198 | 2.66E-11 |


HD 75112 B4 V
V=6.37 (B-V)=-0.13 E(B-V)=0.05
LAP: LWP 15566
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

**HD 48879 B4 IV V=5.14 (B-V)=-0.17 E(B-V)=0.01**

**LAP: SWP 32997**

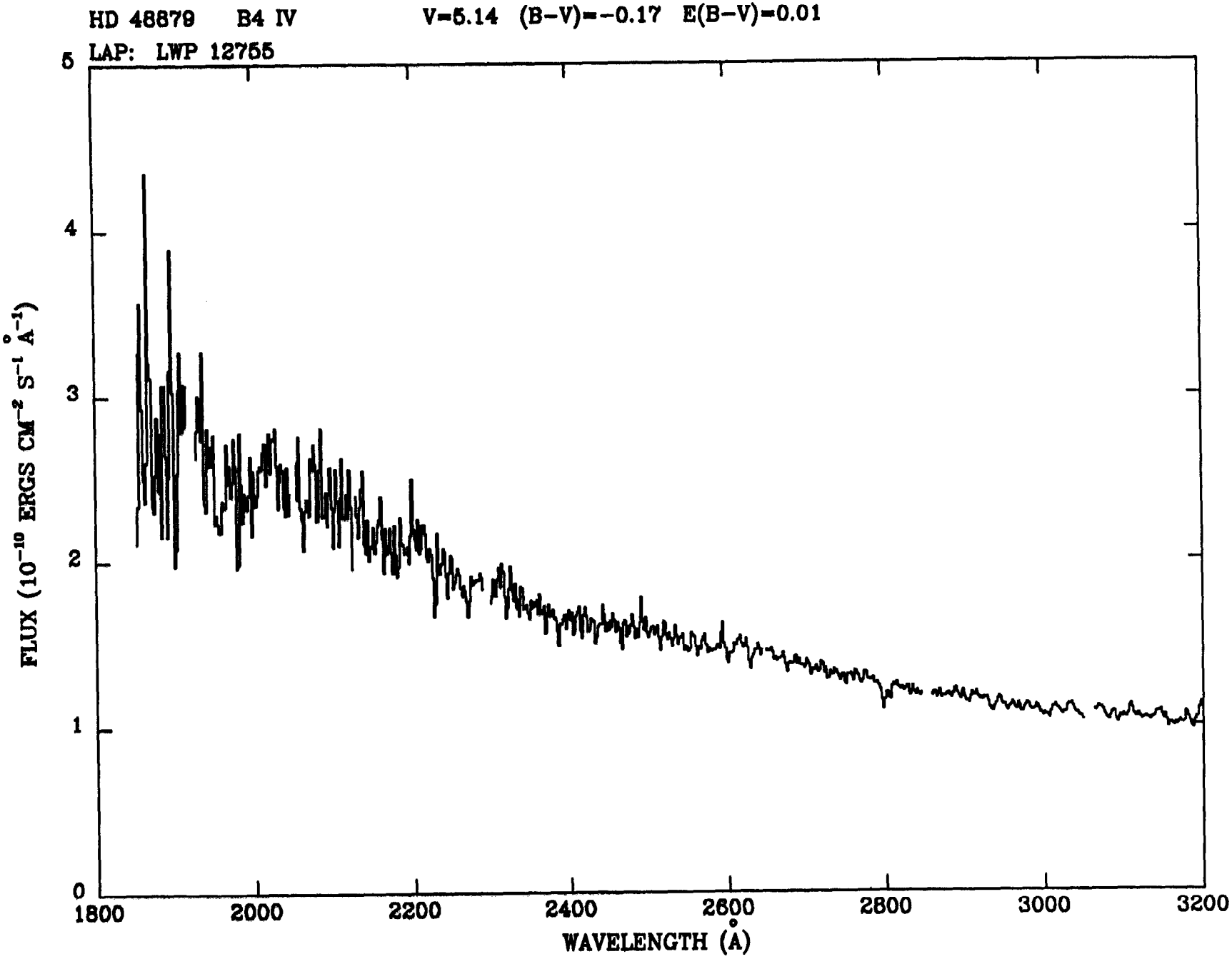
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 4.55E-10 | 1222 | 3.20E-10 | 1292 | 4.54E-10 | 1362 | 4.54E-10 | 1432 | 4.16E-10 | 1502 | 3.94E-10 | 1572 | 3.70E-10 | 1642 | 3.29E-10 | 1712 | 2.83E-10 | 1782 | 2.92E-10 | 1852 | 2.27E-10 | 1922 | |
| 1154 | 5.21E-10 | 1224 | 3.59E-10 | 1294 | 4.29E-10 | 1364 | 4.55E-10 | 1434 | 4.21E-10 | 1504 | 3.94E-10 | 1574 | 3.46E-10 | 1644 | 3.34E-10 | 1714 | 2.84E-10 | 1784 | 2.82E-10 | 1854 | 2.27E-10 | 1924 | |
| 1156 | 5.31E-10 | 1226 | 3.87E-10 | 1296 | 4.06E-10 | 1366 | 4.55E-10 | 1436 | 4.19E-10 | 1506 | 3.80E-10 | 1576 | 3.60E-10 | 1646 | 3.16E-10 | 1716 | 2.82E-10 | 1786 | 2.75E-10 | 1856 | 2.31E-10 | 1926 | 2.01E-10 |
| 1158 | 5.38E-10 | 1228 | 4.29E-10 | 1298 | 4.02E-10 | 1368 | 4.74E-10 | 1438 | 4.32E-10 | 1508 | 3.72E-10 | 1578 | 3.56E-10 | 1648 | 3.36E-10 | 1718 | 2.67E-10 | 1788 | 2.71E-10 | 1858 | 2.35E-10 | 1928 | 2.06E-10 |
| 1160 | 6.02E-10 | 1230 | 4.60E-10 | 1300 | 3.76E-10 | 1370 | 4.72E-10 | 1440 | 4.39E-10 | 1510 | 3.61E-10 | 1580 | 3.58E-10 | 1650 | 3.36E-10 | 1720 | 2.73E-10 | 1790 | | 1860 | 2.36E-10 | 1930 | 2.15E-10 |
| 1162 | 5.78E-10 | 1232 | 4.89E-10 | 1302 | 3.65E-10 | 1372 | 4.51E-10 | 1442 | 4.29E-10 | 1512 | 3.58E-10 | 1582 | 3.59E-10 | 1652 | 3.16E-10 | 1722 | 2.79E-10 | 1792 | | 1862 | 2.35E-10 | 1932 | 2.17E-10 |
| 1164 | 5.71E-10 | 1234 | 5.64E-10 | 1304 | 3.90E-10 | 1374 | 4.57E-10 | 1444 | 4.39E-10 | 1514 | 3.60E-10 | 1584 | 3.59E-10 | 1654 | 3.06E-10 | 1724 | 2.87E-10 | 1794 | 2.83E-10 | 1864 | 2.41E-10 | 1934 | 2.12E-10 |
| 1166 | 5.51E-10 | 1236 | 5.53E-10 | 1306 | 4.31E-10 | 1376 | 4.36E-10 | 1446 | 4.43E-10 | 1516 | 3.75E-10 | 1586 | 3.68E-10 | 1656 | 3.02E-10 | 1726 | 2.92E-10 | 1796 | 2.89E-10 | 1866 | 2.50E-10 | 1936 | 2.09E-10 |
| 1168 | 5.31E-10 | 1238 | 6.11E-10 | 1308 | 4.67E-10 | 1378 | 4.35E-10 | 1448 | 4.49E-10 | 1518 | 3.83E-10 | 1588 | 3.60E-10 | 1658 | 2.97E-10 | 1728 | 2.93E-10 | 1798 | 2.91E-10 | 1868 | 2.57E-10 | 1938 | 2.13E-10 |
| 1170 | 4.78E-10 | 1240 | 5.85E-10 | 1310 | 5.46E-10 | 1380 | 4.47E-10 | 1450 | 4.36E-10 | 1520 | 3.82E-10 | 1590 | 3.50E-10 | 1660 | | 1730 | 3.00E-10 | 1800 | 2.85E-10 | 1870 | 2.60E-10 | 1940 | 2.18E-10 |
| 1172 | 4.11E-10 | 1242 | 5.69E-10 | 1312 | 5.48E-10 | 1382 | 4.40E-10 | 1452 | 4.29E-10 | 1522 | 3.78E-10 | 1592 | 3.44E-10 | 1662 | 3.27E-10 | 1732 | 2.90E-10 | 1802 | 2.79E-10 | 1872 | 2.63E-10 | 1942 | 2.20E-10 |
| 1174 | 3.97E-10 | 1244 | 5.54E-10 | 1314 | 5.80E-10 | 1384 | 4.44E-10 | 1454 | 4.29E-10 | 1524 | 3.46E-10 | 1594 | 3.38E-10 | 1664 | 3.30E-10 | 1734 | 2.94E-10 | 1804 | 2.75E-10 | 1874 | 2.58E-10 | 1944 | 2.21E-10 |
| 1176 | 4.65E-10 | 1246 | 5.56E-10 | 1316 | 5.74E-10 | 1386 | 4.27E-10 | 1456 | 4.27E-10 | 1526 | 3.51E-10 | 1596 | 3.51E-10 | 1666 | 3.19E-10 | 1736 | 2.89E-10 | 1806 | 2.75E-10 | 1876 | 2.49E-10 | 1946 | 2.19E-10 |
| 1178 | 5.09E-10 | 1248 | 5.42E-10 | 1318 | 5.69E-10 | 1388 | 4.27E-10 | 1458 | 4.39E-10 | 1528 | 3.58E-10 | 1598 | 3.53E-10 | 1668 | 3.07E-10 | 1738 | 2.89E-10 | 1808 | 2.73E-10 | 1878 | 2.38E-10 | 1948 | 2.15E-10 |
| 1180 | 5.46E-10 | 1250 | 5.68E-10 | 1320 | 5.50E-10 | 1390 | 3.87E-10 | 1460 | 4.43E-10 | 1530 | 3.49E-10 | 1600 | 3.30E-10 | 1670 | 3.06E-10 | 1740 | 2.87E-10 | 1810 | 2.69E-10 | 1880 | 2.31E-10 | 1950 | 2.10E-10 |
| 1182 | 5.54E-10 | 1252 | 5.87E-10 | 1322 | | 1392 | 3.86E-10 | 1462 | 4.16E-10 | 1532 | 3.45E-10 | 1602 | 3.32E-10 | 1672 | 3.15E-10 | 1742 | 2.80E-10 | 1812 | 2.65E-10 | 1882 | 2.24E-10 | 1952 | 2.06E-10 |
| 1184 | 5.05E-10 | 1254 | 5.71E-10 | 1324 | | 1394 | 3.93E-10 | 1464 | 4.21E-10 | 1534 | 3.47E-10 | 1604 | 3.24E-10 | 1674 | 3.21E-10 | 1744 | 2.82E-10 | 1814 | 2.67E-10 | 1884 | 2.22E-10 | 1954 | 2.07E-10 |
| 1186 | 4.98E-10 | 1256 | 5.07E-10 | 1326 | | 1396 | 4.39E-10 | 1466 | 4.14E-10 | 1536 | 3.50E-10 | 1606 | 3.16E-10 | 1676 | 3.32E-10 | 1746 | 2.85E-10 | 1816 | 2.70E-10 | 1886 | 2.20E-10 | 1956 | 2.07E-10 |
| 1188 | 4.38E-10 | 1258 | 5.05E-10 | 1328 | 5.15E-10 | 1398 | 4.38E-10 | 1468 | 4.24E-10 | 1538 | 3.56E-10 | 1608 | 3.23E-10 | 1678 | 3.24E-10 | 1748 | 2.78E-10 | 1818 | 2.73E-10 | 1888 | 2.18E-10 | 1958 | 2.08E-10 |
| 1190 | 4.26E-10 | 1260 | 4.80E-10 | 1330 | 4.53E-10 | 1400 | 4.13E-10 | 1470 | 4.21E-10 | 1540 | 3.64E-10 | 1610 | 3.24E-10 | 1680 | 3.16E-10 | 1750 | 2.83E-10 | 1820 | 2.74E-10 | 1890 | 2.17E-10 | 1960 | 2.06E-10 |
| 1192 | | 1262 | 4.88E-10 | 1332 | 3.54E-10 | 1402 | 4.09E-10 | 1472 | 4.23E-10 | 1542 | 3.69E-10 | 1612 | 3.27E-10 | 1682 | 3.09E-10 | 1752 | 2.99E-10 | 1822 | 2.76E-10 | 1892 | 2.20E-10 | 1962 | 2.09E-10 |
| 1194 | | 1264 | 5.27E-10 | 1334 | 3.88E-10 | 1404 | 4.35E-10 | 1474 | 4.22E-10 | 1544 | 3.60E-10 | 1614 | 3.46E-10 | 1684 | 3.12E-10 | 1754 | 2.86E-10 | 1824 | 2.75E-10 | 1894 | 2.29E-10 | 1964 | 2.12E-10 |
| 1196 | 3.86E-10 | 1266 | 5.91E-10 | 1336 | 4.85E-10 | 1406 | 4.06E-10 | 1476 | 4.27E-10 | 1546 | 3.68E-10 | 1616 | 3.49E-10 | 1686 | 3.12E-10 | 1756 | 2.83E-10 | 1826 | 2.67E-10 | 1896 | 2.31E-10 | 1966 | 2.18E-10 |
| 1198 | 3.35E-10 | 1268 | 5.89E-10 | 1338 | 5.08E-10 | 1408 | 4.07E-10 | 1478 | 4.14E-10 | 1548 | 3.55E-10 | 1618 | 3.40E-10 | 1688 | 3.15E-10 | 1758 | 2.73E-10 | 1828 | 2.64E-10 | 1898 | 2.33E-10 | 1968 | 2.23E-10 |
| 1200 | 2.83E-10 | 1270 | 5.72E-10 | 1340 | 5.20E-10 | 1410 | 4.02E-10 | 1480 | 4.15E-10 | 1550 | 3.69E-10 | 1620 | 3.39E-10 | 1690 | 3.14E-10 | 1760 | 2.77E-10 | 1830 | 2.63E-10 | 1900 | 2.28E-10 | 1970 | 2.19E-10 |
| 1202 | 2.02E-10 | 1272 | 5.96E-10 | 1342 | 5.07E-10 | 1412 | 4.09E-10 | 1482 | 4.15E-10 | 1552 | 3.80E-10 | 1622 | 3.44E-10 | 1692 | 3.08E-10 | 1762 | 2.84E-10 | 1832 | 2.65E-10 | 1902 | 2.22E-10 | 1972 | 2.16E-10 |
| 1204 | 1.34E-10 | 1274 | 5.38E-10 | 1344 | 4.99E-10 | 1414 | 4.02E-10 | 1484 | 4.02E-10 | 1554 | 3.66E-10 | 1624 | 3.37E-10 | 1694 | 3.04E-10 | 1764 | 2.87E-10 | 1834 | 2.61E-10 | 1904 | 2.23E-10 | 1974 | 2.13E-10 |
| 1206 | 1.06E-10 | 1276 | 5.63E-10 | 1346 | 5.22E-10 | 1416 | 4.07E-10 | 1486 | 4.21E-10 | 1556 | 3.54E-10 | 1626 | 3.23E-10 | 1696 | 3.13E-10 | 1766 | 2.85E-10 | 1836 | 2.56E-10 | 1906 | 2.25E-10 | | |
| 1208 | 9.72E-11 | 1278 | 5.79E-10 | 1348 | 5.01E-10 | 1418 | 3.94E-10 | 1488 | 4.24E-10 | 1558 | 3.51E-10 | 1628 | 3.26E-10 | 1698 | 3.16E-10 | 1768 | 2.83E-10 | 1838 | 2.52E-10 | 1908 | 2.25E-10 | | |
| 1210 | 6.55E-11 | 1280 | 5.79E-10 | 1350 | 5.00E-10 | 1420 | 4.12E-10 | 1490 | 4.08E-10 | 1560 | 3.56E-10 | 1630 | 3.28E-10 | 1700 | 3.02E-10 | 1770 | 2.83E-10 | 1840 | 2.48E-10 | 1910 | 2.19E-10 | | |
| 1212 | 4.25E-11 | 1282 | 5.80E-10 | 1352 | 5.13E-10 | 1422 | 4.16E-10 | 1492 | 4.03E-10 | 1562 | 3.56E-10 | 1632 | 3.31E-10 | 1702 | 2.98E-10 | 1772 | 2.75E-10 | 1842 | 2.41E-10 | 1912 | 2.15E-10 | | |
| 1214 | 4.91E-11 | 1284 | 5.71E-10 | 1354 | 5.22E-10 | 1424 | 4.28E-10 | 1494 | 3.95E-10 | 1564 | 3.68E-10 | 1634 | 3.18E-10 | 1704 | 3.03E-10 | 1774 | 2.69E-10 | 1844 | 2.45E-10 | 1914 | 2.09E-10 | | |
| 1216 | 8.56E-11 | 1286 | 5.53E-10 | 1356 | 5.33E-10 | 1426 | 4.12E-10 | 1496 | 4.27E-10 | 1566 | 3.71E-10 | 1636 | 3.31E-10 | 1706 | 2.97E-10 | 1776 | 2.77E-10 | 1846 | 2.43E-10 | 1916 | 2.07E-10 | | |
| 1218 | 1.65E-10 | 1288 | 5.49E-10 | 1358 | 4.78E-10 | 1428 | 4.14E-10 | 1498 | 4.12E-10 | 1568 | 3.54E-10 | 1638 | 3.12E-10 | 1708 | 2.94E-10 | 1778 | 2.87E-10 | 1848 | 2.41E-10 | 1918 | 2.06E-10 | | |
| 1220 | 2.50E-10 | 1290 | 5.11E-10 | 1360 | 4.74E-10 | 1430 | 4.01E-10 | 1500 | 3.81E-10 | 1570 | 3.64E-10 | 1640 | 3.17E-10 | 1710 | 2.93E-10 | 1780 | 2.90E-10 | 1850 | 2.34E-10 | 1920 | | | |


HD 48879 B4 IV V=5.14 (B-V)=-0.17 E(B-V)=0.01
LAP: SWP 32997
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 48879 B4 IV V=5.14 (B-V)=-0.17 E(B-V)=0.01**

**LAP: LWP 12755**

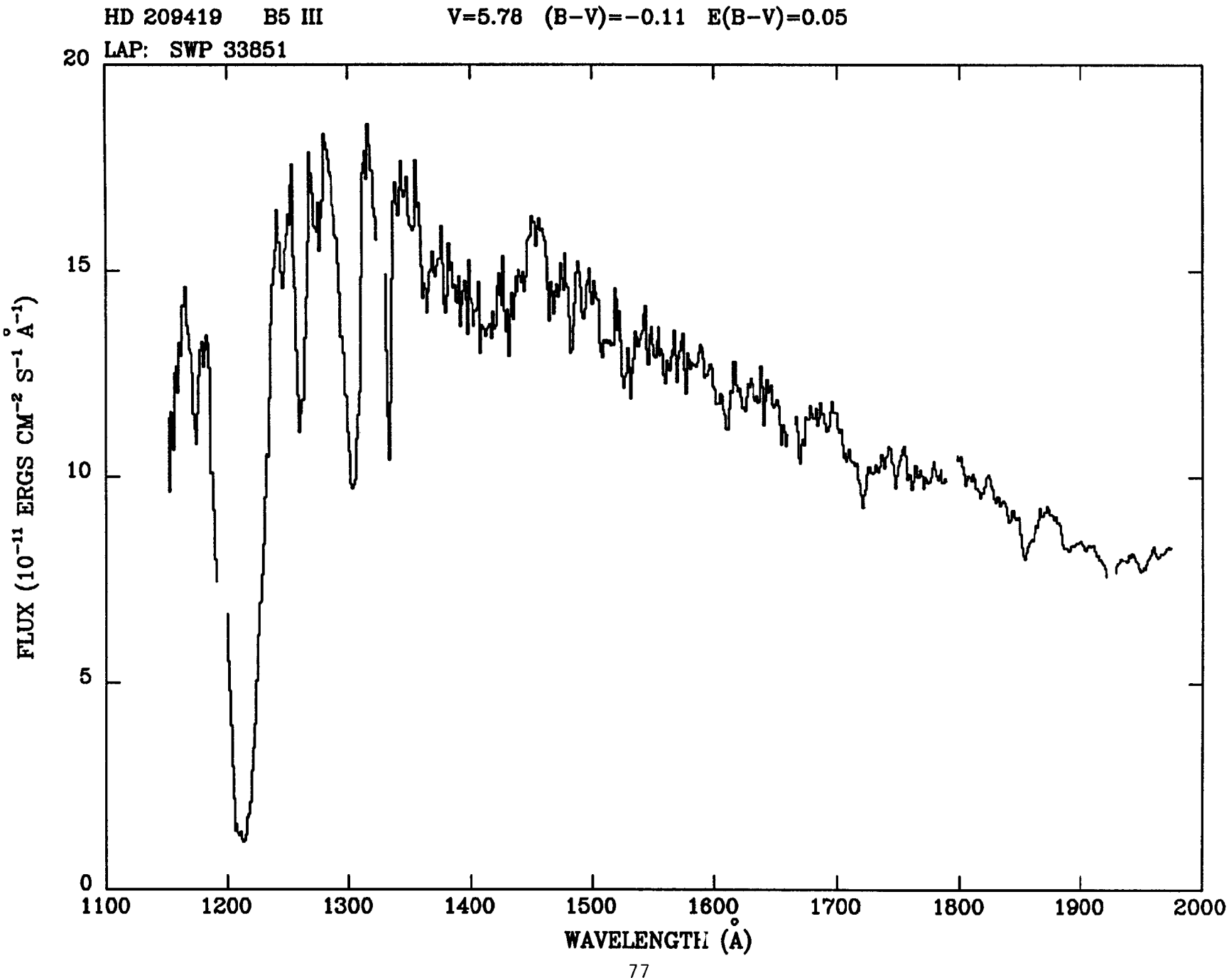
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.65E-10 | 2078 | 2.42E-10 | 2180 | 1.91E-10 | 2282 | 1.89E-10 | 2384 | 1.47E-10 | 2486 | 1.56E-10 | 2588 | 1.49E-10 | 2690 | 1.40E-10 | 2792 | 1.23E-10 | 2894 | 1.16E-10 | 2996 | 1.08E-10 | 3098 | 1.05E-10 |
| 1978 | 2.10E-10 | 2080 | 2.25E-10 | 2182 | 2.01E-10 | 2284 | 1.92E-10 | 2386 | 1.53E-10 | 2488 | 1.61E-10 | 2590 | 1.50E-10 | 2692 | 1.30E-10 | 2794 | 1.19E-10 | 2896 | 1.19E-10 | 2998 | 1.06E-10 | 3100 | 1.06E-10 |
| 1980 | 1.98E-10 | 2082 | 2.49E-10 | 2184 | 2.23E-10 | 2286 | 1.91E-10 | 2388 | 1.62E-10 | 2490 | 1.70E-10 | 2592 | 1.59E-10 | 2694 | 1.37E-10 | 2796 | 1.13E-10 | 2898 | 1.20E-10 | 3000 | 1.07E-10 | 3102 | 1.05E-10 |
| 1982 | 2.58E-10 | 2084 | 2.73E-10 | 2186 | 2.11E-10 | 2288 | 1.85E-10 | 2390 | 1.63E-10 | 2492 | 1.66E-10 | 2594 | 1.57E-10 | 2696 | 1.37E-10 | 2798 | 1.14E-10 | 2900 | 1.16E-10 | 3002 | 1.07E-10 | 3104 | 1.06E-10 |
| 1984 | 2.51E-10 | 2086 | 2.40E-10 | 2188 | 2.08E-10 | 2290 | | 2392 | 1.66E-10 | 2494 | 1.59E-10 | 2596 | 1.49E-10 | 2698 | 1.36E-10 | 2800 | 1.19E-10 | 2902 | 1.15E-10 | 3004 | 1.06E-10 | 3106 | 1.08E-10 |
| 1986 | 2.26E-10 | 2088 | 2.28E-10 | 2190 | 2.05E-10 | 2292 | | 2394 | 1.64E-10 | 2496 | 1.63E-10 | 2598 | 1.43E-10 | 2700 | 1.40E-10 | 2802 | 1.20E-10 | 2904 | 1.15E-10 | 3006 | 1.05E-10 | 3108 | 1.12E-10 |
| 1988 | 2.40E-10 | 2090 | 2.40E-10 | 2192 | 2.07E-10 | 2294 | | 2396 | 1.64E-10 | 2498 | 1.58E-10 | 2600 | 1.39E-10 | 2702 | 1.38E-10 | 2804 | 1.18E-10 | 2906 | 1.15E-10 | 3008 | 1.08E-10 | 3110 | 1.12E-10 |
| 1990 | 2.38E-10 | 2092 | 2.23E-10 | 2194 | 2.04E-10 | 2296 | | 2398 | 1.70E-10 | 2500 | 1.55E-10 | 2602 | 1.43E-10 | 2704 | 1.35E-10 | 2806 | 1.16E-10 | 2908 | 1.18E-10 | 3010 | 1.11E-10 | 3112 | 1.08E-10 |
| 1992 | 2.33E-10 | 2094 | 2.42E-10 | 2196 | 2.09E-10 | 2298 | 1.76E-10 | 2400 | 1.66E-10 | 2502 | 1.56E-10 | 2604 | 1.44E-10 | 2706 | 1.33E-10 | 2808 | 1.23E-10 | 2910 | 1.19E-10 | 3012 | 1.11E-10 | 3114 | 1.06E-10 |
| 1994 | 2.46E-10 | 2096 | 2.53E-10 | 2198 | 2.38E-10 | 2300 | 1.82E-10 | 2402 | 1.68E-10 | 2504 | 1.60E-10 | 2606 | 1.45E-10 | 2708 | 1.34E-10 | 2810 | 1.26E-10 | 2912 | 1.18E-10 | 3014 | 1.12E-10 | 3116 | 1.09E-10 |
| 1996 | 2.49E-10 | 2098 | 2.28E-10 | 2200 | 2.27E-10 | 2302 | 1.88E-10 | 2404 | 1.58E-10 | 2506 | 1.59E-10 | 2608 | 1.50E-10 | 2710 | 1.36E-10 | 2812 | 1.24E-10 | 2914 | 1.20E-10 | 3016 | 1.10E-10 | 3118 | 1.06E-10 |
| 1998 | 2.30E-10 | 2100 | 2.14E-10 | 2202 | 2.15E-10 | 2304 | 1.84E-10 | 2406 | 1.58E-10 | 2508 | 1.57E-10 | 2610 | 1.49E-10 | 2712 | 1.36E-10 | 2814 | 1.26E-10 | 2916 | 1.18E-10 | 3018 | 1.10E-10 | 3120 | 1.05E-10 |
| 2000 | 2.47E-10 | 2102 | 2.39E-10 | 2204 | 2.01E-10 | 2306 | 1.84E-10 | 2408 | 1.67E-10 | 2510 | 1.58E-10 | 2612 | 1.52E-10 | 2714 | 1.34E-10 | 2816 | 1.23E-10 | 2918 | 1.16E-10 | 3020 | 1.09E-10 | 3122 | 1.04E-10 |
| 2002 | 2.28E-10 | 2104 | 2.48E-10 | 2206 | 2.44E-10 | 2308 | 1.87E-10 | 2410 | 1.70E-10 | 2512 | 1.57E-10 | 2614 | 1.53E-10 | 2716 | 1.34E-10 | 2818 | 1.23E-10 | 2920 | 1.16E-10 | 3022 | 1.07E-10 | 3124 | 1.04E-10 |
| 2004 | 2.39E-10 | 2106 | 2.24E-10 | 2208 | 2.06E-10 | 2310 | 1.90E-10 | 2412 | 1.71E-10 | 2514 | 1.47E-10 | 2616 | 1.54E-10 | 2718 | 1.38E-10 | 2820 | 1.22E-10 | 2922 | 1.16E-10 | 3024 | 1.08E-10 | 3126 | 1.05E-10 |
| 2006 | 2.59E-10 | 2108 | 2.25E-10 | 2210 | 2.09E-10 | 2312 | 1.84E-10 | 2414 | 1.68E-10 | 2516 | 1.52E-10 | 2618 | 1.49E-10 | 2720 | 1.38E-10 | 2822 | 1.22E-10 | 2924 | 1.17E-10 | 3026 | 1.08E-10 | 3128 | 1.05E-10 |
| 2008 | 2.50E-10 | 2110 | 2.53E-10 | 2212 | 2.22E-10 | 2314 | 1.96E-10 | 2416 | 1.68E-10 | 2518 | 1.61E-10 | 2620 | 1.48E-10 | 2722 | 1.33E-10 | 2824 | 1.22E-10 | 2926 | 1.16E-10 | 3028 | 1.10E-10 | 3130 | 1.04E-10 |
| 2010 | 2.57E-10 | 2112 | 2.39E-10 | 2214 | 2.21E-10 | 2316 | 1.83E-10 | 2418 | 1.69E-10 | 2520 | 1.62E-10 | 2622 | 1.51E-10 | 2724 | 1.35E-10 | 2826 | 1.23E-10 | 2928 | 1.16E-10 | 3030 | 1.12E-10 | 3132 | 1.04E-10 |
| 2012 | 2.67E-10 | 2114 | 2.26E-10 | 2216 | 2.12E-10 | 2318 | 1.68E-10 | 2420 | 1.70E-10 | 2522 | 1.56E-10 | 2624 | 1.50E-10 | 2726 | 1.29E-10 | 2828 | 1.24E-10 | 2930 | 1.13E-10 | 3032 | 1.12E-10 | 3134 | 1.04E-10 |
| 2014 | 2.65E-10 | 2116 | 2.38E-10 | 2218 | 2.02E-10 | 2320 | 1.72E-10 | 2422 | 1.62E-10 | 2524 | 1.53E-10 | 2626 | 1.41E-10 | 2728 | 1.30E-10 | 2830 | 1.20E-10 | 2932 | 1.11E-10 | 3034 | 1.13E-10 | 3136 | 1.05E-10 |
| 2016 | 2.51E-10 | 2118 | 2.29E-10 | 2220 | 2.03E-10 | 2322 | 1.84E-10 | 2424 | 1.54E-10 | 2526 | 1.58E-10 | 2628 | 1.37E-10 | 2730 | 1.33E-10 | 2832 | 1.20E-10 | 2934 | 1.09E-10 | 3036 | 1.11E-10 | 3138 | 1.05E-10 |
| 2018 | 2.67E-10 | 2120 | 2.54E-10 | 2222 | 2.06E-10 | 2324 | 1.86E-10 | 2426 | 1.63E-10 | 2528 | 1.57E-10 | 2630 | 1.40E-10 | 2732 | 1.31E-10 | 2834 | 1.23E-10 | 2936 | 1.10E-10 | 3038 | 1.09E-10 | 3140 | 1.07E-10 |
| 2020 | 2.67E-10 | 2122 | 2.31E-10 | 2224 | 1.98E-10 | 2326 | 1.82E-10 | 2428 | 1.69E-10 | 2530 | 1.58E-10 | 2632 | 1.43E-10 | 2734 | 1.32E-10 | 2836 | 1.20E-10 | 2938 | 1.12E-10 | 3040 | 1.08E-10 | 3142 | 1.06E-10 |
| 2022 | 2.69E-10 | 2124 | 1.98E-10 | 2226 | 1.75E-10 | 2328 | 1.79E-10 | 2430 | 1.64E-10 | 2532 | 1.56E-10 | 2634 | 1.46E-10 | 2736 | 1.34E-10 | 2838 | 1.19E-10 | 2940 | 1.15E-10 | 3042 | 1.07E-10 | 3144 | 1.08E-10 |
| 2024 | 2.74E-10 | 2126 | | 2228 | 1.73E-10 | 2330 | 1.82E-10 | 2432 | 1.62E-10 | 2534 | 1.59E-10 | 2636 | 1.46E-10 | 2738 | 1.32E-10 | 2840 | 1.21E-10 | 2942 | 1.17E-10 | 3044 | 1.06E-10 | 3146 | 1.09E-10 |
| 2026 | 2.79E-10 | 2128 | 2.36E-10 | 2230 | 2.06E-10 | 2332 | 1.74E-10 | 2434 | 1.64E-10 | 2536 | 1.53E-10 | 2638 | 1.49E-10 | 2740 | 1.30E-10 | 2842 | 1.19E-10 | 2944 | 1.17E-10 | 3046 | 1.06E-10 | 3148 | 1.07E-10 |
| 2028 | 2.64E-10 | 2130 | 2.24E-10 | 2232 | 1.99E-10 | 2334 | 1.73E-10 | 2436 | 1.61E-10 | 2538 | 1.52E-10 | 2640 | 1.47E-10 | 2742 | 1.28E-10 | 2844 | 1.18E-10 | 2946 | 1.14E-10 | 3048 | 1.05E-10 | 3150 | 1.04E-10 |
| 2030 | 2.37E-10 | 2132 | 2.21E-10 | 2234 | 1.93E-10 | 2336 | 1.78E-10 | 2438 | 1.62E-10 | 2540 | 1.61E-10 | 2642 | 1.43E-10 | 2744 | 1.30E-10 | 2846 | 1.20E-10 | 2948 | 1.12E-10 | 3050 | 1.03E-10 | 3152 | 1.06E-10 |
| 2032 | 2.46E-10 | 2134 | 2.37E-10 | 2236 | 1.99E-10 | 2338 | 1.84E-10 | 2440 | 1.66E-10 | 2542 | 1.58E-10 | 2644 | 1.46E-10 | 2746 | 1.31E-10 | 2848 | | 2950 | 1.12E-10 | 3052 | | 3154 | 1.03E-10 |
| 2034 | 2.59E-10 | 2136 | 2.49E-10 | 2238 | 2.07E-10 | 2340 | 1.78E-10 | 2442 | 1.71E-10 | 2544 | 1.49E-10 | 2646 | | 2748 | 1.28E-10 | 2850 | | 2952 | 1.10E-10 | 3054 | | 3156 | 9.90E-11 |
| 2036 | 2.54E-10 | 2138 | 2.30E-10 | 2240 | 2.03E-10 | 2342 | 1.72E-10 | 2444 | 1.69E-10 | 2546 | 1.48E-10 | 2648 | 1.45E-10 | 2750 | 1.25E-10 | 2852 | | 2954 | 1.09E-10 | 3056 | | 3158 | 1.01E-10 |
| 2038 | 2.32E-10 | 2140 | 2.07E-10 | 2242 | 1.88E-10 | 2344 | 1.74E-10 | 2446 | 1.60E-10 | 2548 | 1.48E-10 | 2650 | 1.46E-10 | 2752 | 1.31E-10 | 2854 | | 2956 | 1.11E-10 | 3058 | | 3160 | 1.01E-10 |
| 2040 | 2.34E-10 | 2142 | 2.19E-10 | 2244 | 1.83E-10 | 2346 | 1.78E-10 | 2448 | 1.61E-10 | 2550 | 1.48E-10 | 2652 | 1.45E-10 | 2754 | 1.31E-10 | 2856 | 1.18E-10 | 2958 | 1.13E-10 | 3060 | | 3162 | 9.98E-11 |
| 2042 | 2.50E-10 | 2144 | 2.07E-10 | 2246 | 1.97E-10 | 2348 | 1.68E-10 | 2450 | 1.61E-10 | 2552 | 1.47E-10 | 2654 | 1.46E-10 | 2756 | 1.32E-10 | 2858 | 1.18E-10 | 2960 | 1.14E-10 | 3062 | 1.09E-10 | 3164 | 1.00E-10 |
| 2044 | 2.32E-10 | 2146 | 2.08E-10 | 2248 | 2.03E-10 | 2350 | 1.76E-10 | 2452 | 1.62E-10 | 2554 | 1.50E-10 | 2656 | 1.45E-10 | 2758 | 1.29E-10 | 2860 | 1.19E-10 | 2962 | 1.12E-10 | 3064 | 1.09E-10 | 3166 | 1.01E-10 |
| 2046 | 2.41E-10 | 2148 | 2.09E-10 | 2250 | 1.97E-10 | 2352 | 1.73E-10 | 2454 | 1.65E-10 | 2556 | 1.53E-10 | 2658 | 1.42E-10 | 2760 | 1.29E-10 | 2862 | 1.20E-10 | 2964 | 1.10E-10 | 3066 | 1.10E-10 | 3168 | 1.01E-10 |
| 2048 | | 2150 | 2.19E-10 | 2252 | 1.85E-10 | 2354 | 1.75E-10 | 2456 | 1.66E-10 | 2558 | 1.53E-10 | 2660 | 1.41E-10 | 2762 | 1.33E-10 | 2864 | 1.18E-10 | 2966 | 1.12E-10 | 3068 | 1.11E-10 | 3170 | 1.02E-10 |
| 2050 | | 2152 | 2.06E-10 | 2254 | 1.98E-10 | 2356 | 1.71E-10 | 2458 | 1.65E-10 | 2560 | 1.47E-10 | 2662 | 1.40E-10 | 2764 | 1.31E-10 | 2866 | 1.19E-10 | 2968 | 1.13E-10 | 3070 | 1.11E-10 | 3172 | 1.02E-10 |
| 2052 | 2.38E-10 | 2154 | 2.13E-10 | 2256 | 1.95E-10 | 2358 | 1.73E-10 | 2460 | 1.62E-10 | 2562 | 1.49E-10 | 2664 | 1.41E-10 | 2766 | 1.29E-10 | 2868 | 1.21E-10 | 2970 | 1.10E-10 | 3072 | 1.10E-10 | 3174 | 1.01E-10 |
| 2054 | 2.52E-10 | 2156 | 2.23E-10 | 2258 | 1.93E-10 | 2360 | 1.72E-10 | 2462 | 1.60E-10 | 2564 | 1.48E-10 | 2666 | 1.41E-10 | 2768 | 1.27E-10 | 2870 | 1.17E-10 | 2972 | 1.08E-10 | 3074 | 1.09E-10 | 3176 | 1.02E-10 |
| 2056 | 2.71E-10 | 2158 | 2.29E-10 | 2260 | 1.86E-10 | 2362 | 1.73E-10 | 2464 | 1.62E-10 | 2566 | 1.49E-10 | 2668 | 1.42E-10 | 2770 | 1.27E-10 | 2872 | 1.18E-10 | 2974 | 1.10E-10 | 3076 | 1.07E-10 | 3178 | 1.07E-10 |
| 2058 | 2.43E-10 | 2160 | 2.30E-10 | 2262 | 1.80E-10 | 2364 | 1.69E-10 | 2466 | 1.61E-10 | 2568 | 1.51E-10 | 2670 | 1.44E-10 | 2772 | 1.30E-10 | 2874 | 1.18E-10 | 2976 | 1.12E-10 | 3078 | 1.05E-10 | 3180 | 1.07E-10 |
| 2060 | 2.27E-10 | 2162 | 2.05E-10 | 2264 | 1.85E-10 | 2366 | 1.72E-10 | 2468 | 1.63E-10 | 2570 | 1.55E-10 | 2672 | 1.40E-10 | 2774 | 1.32E-10 | 2876 | 1.18E-10 | 2978 | 1.13E-10 | 3080 | 1.04E-10 | 3182 | 1.05E-10 |
| 2062 | 2.09E-10 | 2164 | 2.07E-10 | 2266 | 1.82E-10 | 2368 | 1.64E-10 | 2470 | 1.68E-10 | 2572 | 1.51E-10 | 2674 | 1.36E-10 | 2776 | 1.30E-10 | 2878 | 1.19E-10 | 2980 | 1.13E-10 | 3082 | 1.04E-10 | 3184 | 1.01E-10 |
| 2064 | 2.30E-10 | 2166 | 2.12E-10 | 2268 | 1.75E-10 | 2370 | 1.61E-10 | 2472 | 1.66E-10 | 2574 | 1.48E-10 | 2676 | 1.35E-10 | 2778 | 1.28E-10 | 2880 | 1.19E-10 | 2982 | 1.11E-10 | 3084 | 1.07E-10 | 3186 | 9.86E-11 |
| 2066 | 2.37E-10 | 2168 | 2.08E-10 | 2270 | 1.69E-10 | 2372 | 1.72E-10 | 2474 | 1.60E-10 | 2576 | 1.47E-10 | 2678 | 1.38E-10 | 2780 | 1.28E-10 | 2882 | 1.17E-10 | 2984 | 1.09E-10 | 3086 | 1.08E-10 | 3188 | 9.91E-11 |
| 2068 | 2.31E-10 | 2170 | 2.17E-10 | 2272 | 1.80E-10 | 2374 | 1.68E-10 | 2476 | 1.59E-10 | 2578 | 1.48E-10 | 2680 | 1.38E-10 | 2782 | 1.29E-10 | 2884 | 1.18E-10 | 2986 | 1.10E-10 | 3088 | 1.08E-10 | 3190 | 1.03E-10 |
| 2070 | 2.36E-10 | 2172 | 2.09E-10 | 2274 | 1.85E-10 | 2376 | 1.67E-10 | 2478 | 1.64E-10 | 2580 | 1.49E-10 | 2682 | 1.38E-10 | 2784 | 1.29E-10 | 2886 | 1.21E-10 | 2988 | 1.11E-10 | 3090 | 1.04E-10 | 3192 | 1.05E-10 |
| 2072 | 2.60E-10 | 2174 | 1.96E-10 | 2276 | 1.87E-10 | 2378 | 1.71E-10 | 2480 | 1.64E-10 | 2582 | 1.46E-10 | 2684 | 1.40E-10 | 2786 | 1.26E-10 | 2888 | 1.22E-10 | 2990 | 1.12E-10 | 3092 | 1.02E-10 | 3194 | 1.07E-10 |
| 2074 | 2.61E-10 | 2176 | 2.17E-10 | 2278 | 1.88E-10 | 2380 | 1.65E-10 | 2482 | 1.57E-10 | 2584 | 1.46E-10 | 2686 | 1.42E-10 | 2788 | 1.26E-10 | 2890 | 1.20E-10 | 2992 | 1.11E-10 | 3094 | 1.04E-10 | 3196 | 1.12E-10 |
| 2076 | 2.66E-10 | 2178 | 2.05E-10 | 2280 | 1.88E-10 | 2382 | 1.65E-10 | 2484 | 1.57E-10 | 2586 | 1.49E-10 | 2688 | 1.39E-10 | 2790 | 1.25E-10 | 2892 | 1.18E-10 | 2994 | 1.09E-10 | 3096 | 1.06E-10 | 3198 | 1.12E-10 |


HD 48879 B4 IV V=5.14 (B-V)=-0.17 E(B-V)=0.01
LAP: LWP 12755
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 209419 B5 III V=5.78 (B-V)=-0.11 E(B-V)=0.05**

**LAP: SWP 33851**

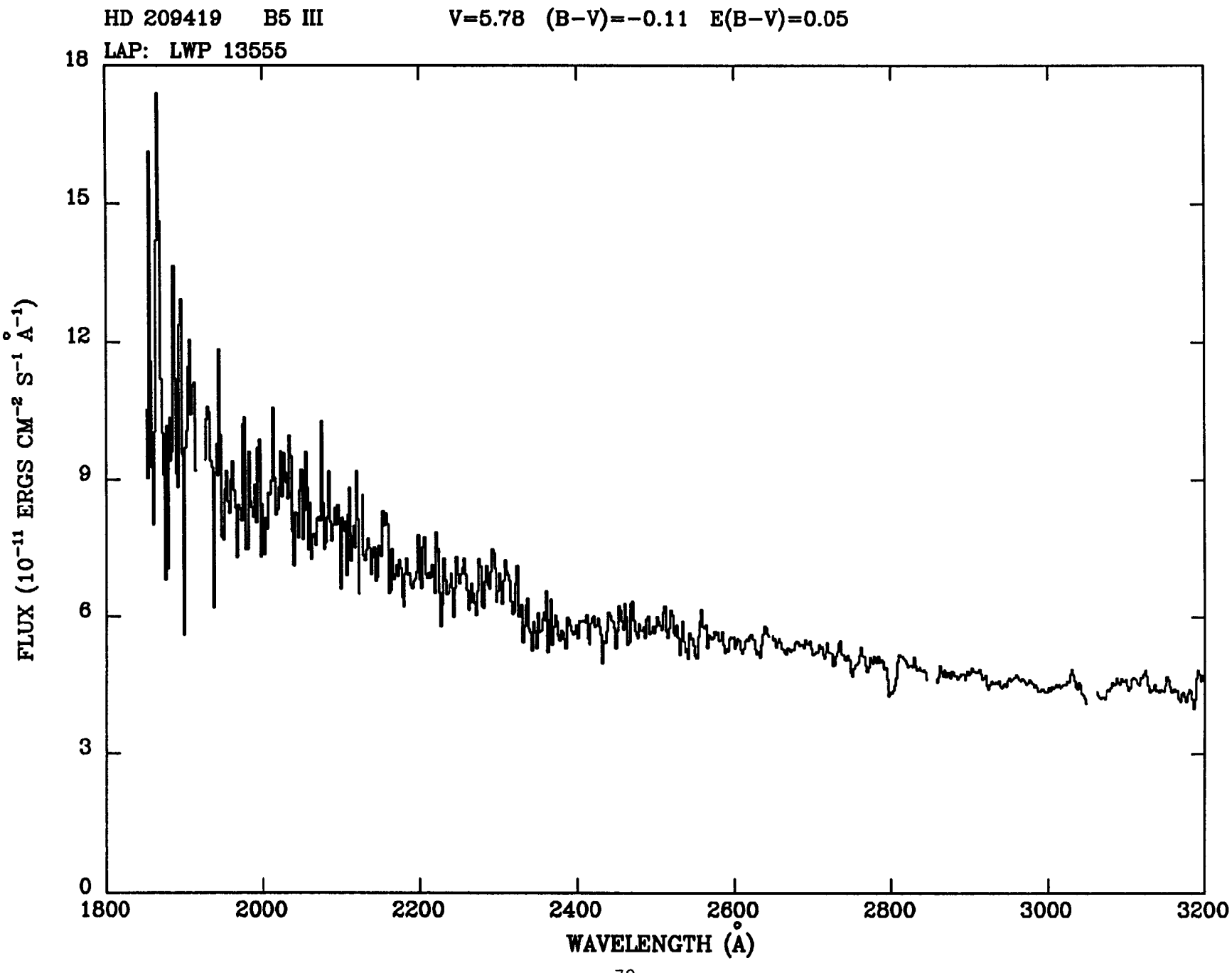
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 1.04E-10 | 1222 | 3.55E-11 | 1292 | 1.48E-10 | 1362 | 1.46E-10 | 1432 | 1.33E-10 | 1502 | 1.46E-10 | 1572 | 1.30E-10 | 1642 | 1.19E-10 | 1712 | 1.04E-10 | 1782 | 9.98E-11 | 1852 | 8.12E-11 | 1922 | 7.61E-11 |
| 1154 | 1.12E-10 | 1224 | 4.85E-11 | 1294 | 1.35E-10 | 1364 | 1.43E-10 | 1434 | 1.42E-10 | 1504 | 1.43E-10 | 1574 | 1.34E-10 | 1644 | 1.21E-10 | 1714 | 1.03E-10 | 1784 | 1.01E-10 | 1854 | 8.16E-11 | 1924 | |
| 1156 | 1.12E-10 | 1226 | 6.55E-11 | 1296 | 1.30E-10 | 1366 | 1.46E-10 | 1436 | 1.41E-10 | 1506 | 1.35E-10 | 1576 | 1.25E-10 | 1646 | 1.22E-10 | 1716 | 1.03E-10 | 1786 | 9.92E-11 | 1856 | 8.39E-11 | 1926 | |
| 1158 | 1.25E-10 | 1228 | 7.21E-11 | 1298 | 1.20E-10 | 1368 | 1.51E-10 | 1438 | 1.47E-10 | 1508 | 1.29E-10 | 1578 | 1.27E-10 | 1648 | 1.18E-10 | 1718 | 9.90E-11 | 1788 | 9.94E-11 | 1858 | 8.50E-11 | 1928 | 7.71E-11 |
| 1160 | 1.27E-10 | 1230 | 8.46E-11 | 1300 | 1.09E-10 | 1370 | 1.52E-10 | 1440 | 1.49E-10 | 1510 | 1.33E-10 | 1580 | 1.27E-10 | 1650 | 1.18E-10 | 1720 | 9.48E-11 | 1790 | 9.91E-11 | 1860 | 8.53E-11 | 1930 | 7.89E-11 |
| 1162 | 1.34E-10 | 1232 | 1.01E-10 | 1302 | 9.97E-11 | 1372 | 1.50E-10 | 1442 | 1.48E-10 | 1512 | 1.33E-10 | 1582 | 1.27E-10 | 1652 | 1.18E-10 | 1722 | 9.55E-11 | 1792 | | 1862 | 8.80E-11 | 1932 | 7.97E-11 |
| 1164 | 1.42E-10 | 1234 | 1.11E-10 | 1304 | 9.77E-11 | 1374 | 1.53E-10 | 1444 | 1.48E-10 | 1514 | 1.33E-10 | 1584 | 1.27E-10 | 1654 | 1.11E-10 | 1724 | 9.92E-11 | 1794 | | 1864 | 8.89E-11 | 1934 | 8.02E-11 |
| 1166 | 1.40E-10 | 1236 | 1.35E-10 | 1306 | 1.03E-10 | 1376 | 1.58E-10 | 1446 | 1.50E-10 | 1516 | 1.32E-10 | 1586 | 1.27E-10 | 1656 | 1.11E-10 | 1726 | 1.03E-10 | 1796 | | 1866 | 9.17E-11 | 1936 | 8.01E-11 |
| 1168 | 1.33E-10 | 1238 | 1.49E-10 | 1308 | 1.15E-10 | 1378 | 1.48E-10 | 1448 | 1.58E-10 | 1518 | 1.35E-10 | 1588 | 1.31E-10 | 1658 | 1.09E-10 | 1728 | 1.01E-10 | 1798 | 1.05E-10 | 1868 | 9.07E-11 | 1938 | 7.98E-11 |
| 1170 | 1.29E-10 | 1240 | 1.59E-10 | 1310 | 1.36E-10 | 1380 | 1.41E-10 | 1450 | 1.61E-10 | 1520 | 1.43E-10 | 1590 | 1.31E-10 | 1660 | 1.10E-10 | 1730 | 1.01E-10 | 1800 | 1.04E-10 | 1870 | 9.17E-11 | 1940 | 8.08E-11 |
| 1172 | 1.18E-10 | 1242 | 1.58E-10 | 1312 | 1.75E-10 | 1382 | 1.52E-10 | 1452 | 1.62E-10 | 1522 | 1.38E-10 | 1592 | 1.25E-10 | 1662 | | 1732 | 1.02E-10 | 1802 | 1.03E-10 | 1872 | 9.28E-11 | 1942 | 8.13E-11 |
| 1174 | 1.10E-10 | 1244 | 1.51E-10 | 1314 | 1.77E-10 | 1384 | 1.51E-10 | 1454 | 1.58E-10 | 1524 | 1.31E-10 | 1594 | 1.25E-10 | 1664 | | 1734 | 1.02E-10 | 1804 | 9.95E-11 | 1874 | 9.15E-11 | 1944 | 8.14E-11 |
| 1176 | 1.17E-10 | 1246 | 1.48E-10 | 1316 | 1.83E-10 | 1386 | 1.47E-10 | 1456 | 1.62E-10 | 1526 | 1.23E-10 | 1596 | 1.26E-10 | 1666 | 1.14E-10 | 1736 | 1.04E-10 | 1806 | 9.96E-11 | 1876 | 9.10E-11 | 1946 | 8.01E-11 |
| 1178 | 1.29E-10 | 1248 | 1.56E-10 | 1318 | 1.78E-10 | 1388 | 1.44E-10 | 1458 | 1.60E-10 | 1528 | 1.25E-10 | 1598 | 1.26E-10 | 1668 | 1.09E-10 | 1738 | 1.03E-10 | 1808 | 1.00E-10 | 1878 | 9.03E-11 | 1948 | 7.88E-11 |
| 1180 | 1.30E-10 | 1250 | 1.62E-10 | 1320 | 1.72E-10 | 1390 | 1.45E-10 | 1460 | 1.59E-10 | 1530 | 1.29E-10 | 1600 | 1.22E-10 | 1670 | 1.04E-10 | 1740 | 1.05E-10 | 1810 | 1.00E-10 | 1880 | 8.96E-11 | 1950 | 7.75E-11 |
| 1182 | 1.32E-10 | 1252 | 1.67E-10 | 1322 | 1.62E-10 | 1392 | 1.39E-10 | 1462 | 1.55E-10 | 1532 | 1.22E-10 | 1602 | 1.18E-10 | 1672 | 1.09E-10 | 1742 | 1.07E-10 | 1812 | 9.90E-11 | 1882 | 8.89E-11 | 1952 | 7.81E-11 |
| 1184 | 1.31E-10 | 1254 | 1.67E-10 | 1324 | 1.58E-10 | 1394 | 1.45E-10 | 1464 | 1.42E-10 | 1534 | 1.27E-10 | 1604 | 1.18E-10 | 1674 | 1.10E-10 | 1744 | 1.05E-10 | 1814 | 9.74E-11 | 1884 | 8.54E-11 | 1954 | 7.86E-11 |
| 1186 | 1.11E-10 | 1256 | 1.44E-10 | 1326 | | 1396 | 1.45E-10 | 1466 | 1.45E-10 | 1536 | 1.35E-10 | 1606 | 1.20E-10 | 1676 | 1.14E-10 | 1746 | 1.02E-10 | 1816 | 9.58E-11 | 1886 | 8.32E-11 | 1956 | 8.04E-11 |
| 1188 | 9.74E-11 | 1258 | 1.24E-10 | 1328 | | 1398 | 1.42E-10 | 1468 | 1.41E-10 | 1538 | 1.32E-10 | 1608 | 1.16E-10 | 1678 | 1.16E-10 | 1748 | 9.87E-11 | 1818 | 9.64E-11 | 1888 | 8.30E-11 | 1958 | 8.16E-11 |
| 1190 | 8.14E-11 | 1260 | 1.13E-10 | 1330 | 1.49E-10 | 1400 | 1.45E-10 | 1470 | 1.46E-10 | 1540 | 1.34E-10 | 1610 | 1.12E-10 | 1680 | 1.15E-10 | 1750 | 1.02E-10 | 1820 | 9.80E-11 | 1890 | 8.24E-11 | 1960 | 8.32E-11 |
| 1192 | 7.47E-11 | 1262 | 1.18E-10 | 1332 | 1.24E-10 | 1402 | 1.39E-10 | 1472 | 1.45E-10 | 1542 | 1.37E-10 | 1612 | 1.15E-10 | 1682 | 1.15E-10 | 1752 | 1.05E-10 | 1822 | 1.00E-10 | 1892 | 8.34E-11 | 1962 | 8.16E-11 |
| 1194 | | 1264 | 1.30E-10 | 1334 | 1.10E-10 | 1404 | 1.40E-10 | 1474 | 1.49E-10 | 1544 | 1.38E-10 | 1614 | 1.21E-10 | 1684 | 1.14E-10 | 1754 | 1.07E-10 | 1824 | 1.00E-10 | 1894 | 8.37E-11 | 1964 | 8.08E-11 |
| 1196 | | 1266 | 1.48E-10 | 1336 | 1.41E-10 | 1406 | 1.43E-10 | 1476 | 1.47E-10 | 1546 | 1.29E-10 | 1616 | 1.27E-10 | 1686 | 1.16E-10 | 1756 | 1.05E-10 | 1826 | 9.80E-11 | 1896 | 8.42E-11 | 1966 | 8.14E-11 |
| 1198 | | 1268 | 1.75E-10 | 1338 | 1.69E-10 | 1408 | 1.36E-10 | 1478 | 1.51E-10 | 1548 | 1.35E-10 | 1618 | 1.24E-10 | 1688 | 1.16E-10 | 1758 | 1.00E-10 | 1828 | 9.55E-11 | 1898 | 8.43E-11 | 1968 | 8.16E-11 |
| 1200 | 6.10E-11 | 1270 | 1.69E-10 | 1340 | 1.66E-10 | 1410 | 1.36E-10 | 1480 | 1.46E-10 | 1550 | 1.32E-10 | 1620 | 1.21E-10 | 1690 | 1.13E-10 | 1760 | 9.96E-11 | 1830 | 9.48E-11 | 1900 | 8.47E-11 | 1970 | 8.25E-11 |
| 1202 | 4.63E-11 | 1272 | 1.61E-10 | 1342 | 1.69E-10 | 1412 | 1.35E-10 | 1482 | 1.34E-10 | 1552 | 1.29E-10 | 1622 | 1.19E-10 | 1692 | 1.11E-10 | 1762 | 9.88E-11 | 1832 | 9.47E-11 | 1902 | 8.39E-11 | 1972 | 8.32E-11 |
| 1204 | 3.15E-11 | 1274 | 1.62E-10 | 1344 | 1.73E-10 | 1414 | 1.35E-10 | 1484 | 1.32E-10 | 1554 | 1.34E-10 | 1624 | 1.17E-10 | 1694 | 1.13E-10 | 1764 | 1.03E-10 | 1834 | 9.38E-11 | 1904 | 8.27E-11 | 1974 | 8.30E-11 |
| 1206 | 1.73E-11 | 1276 | 1.59E-10 | 1346 | 1.69E-10 | 1416 | 1.37E-10 | 1486 | 1.42E-10 | 1556 | 1.30E-10 | 1626 | 1.18E-10 | 1696 | 1.17E-10 | 1766 | 1.00E-10 | 1836 | 9.43E-11 | 1906 | 8.32E-11 | | |
| 1208 | 1.50E-11 | 1278 | 1.66E-10 | 1348 | 1.70E-10 | 1418 | 1.36E-10 | 1488 | 1.51E-10 | 1558 | 1.29E-10 | 1628 | 1.22E-10 | 1698 | 1.16E-10 | 1768 | 1.01E-10 | 1838 | 9.23E-11 | 1908 | 8.35E-11 | | |
| 1210 | 1.34E-11 | 1280 | 1.82E-10 | 1350 | 1.62E-10 | 1420 | 1.37E-10 | 1490 | 1.48E-10 | 1560 | 1.23E-10 | 1630 | 1.23E-10 | 1700 | 1.14E-10 | 1770 | 9.86E-11 | 1840 | 8.98E-11 | 1910 | 8.37E-11 | | |
| 1212 | 1.29E-11 | 1282 | 1.79E-10 | 1352 | 1.60E-10 | 1422 | 1.42E-10 | 1492 | 1.41E-10 | 1562 | 1.28E-10 | 1632 | 1.20E-10 | 1702 | 1.11E-10 | 1772 | 9.99E-11 | 1842 | 9.12E-11 | 1912 | 8.24E-11 | | |
| 1214 | 1.17E-11 | 1284 | 1.75E-10 | 1354 | 1.64E-10 | 1424 | 1.47E-10 | 1494 | 1.40E-10 | 1564 | 1.27E-10 | 1634 | 1.19E-10 | 1704 | 1.09E-10 | 1774 | 9.89E-11 | 1844 | 9.14E-11 | 1914 | 8.13E-11 | | |
| 1216 | 1.40E-11 | 1286 | 1.70E-10 | 1356 | 1.70E-10 | 1426 | 1.45E-10 | 1496 | 1.47E-10 | 1566 | 1.30E-10 | 1636 | 1.18E-10 | 1706 | 1.05E-10 | 1776 | 9.97E-11 | 1846 | 9.01E-11 | 1916 | 8.02E-11 | | |
| 1218 | 1.83E-11 | 1288 | 1.62E-10 | 1358 | 1.64E-10 | 1428 | 1.44E-10 | 1498 | 1.48E-10 | 1568 | 1.32E-10 | 1638 | 1.24E-10 | 1708 | 1.04E-10 | 1778 | 1.03E-10 | 1848 | 9.01E-11 | 1918 | 7.94E-11 | | |
| 1220 | 2.49E-11 | 1290 | 1.58E-10 | 1360 | 1.50E-10 | 1430 | 1.38E-10 | 1500 | 1.43E-10 | 1570 | 1.25E-10 | 1640 | 1.17E-10 | 1710 | 1.06E-10 | 1780 | 1.02E-10 | 1850 | 8.49E-11 | 1920 | 7.82E-11 | | |


HD 209419 B5 III V=5.78 (B-V)=-0.11 E(B-V)=0.05
LAP: SWP 33851
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

HD 209419 B5 III V=5.78 (B-V)=-0.11 E(B-V)=0.05

LAP: LWP 13555

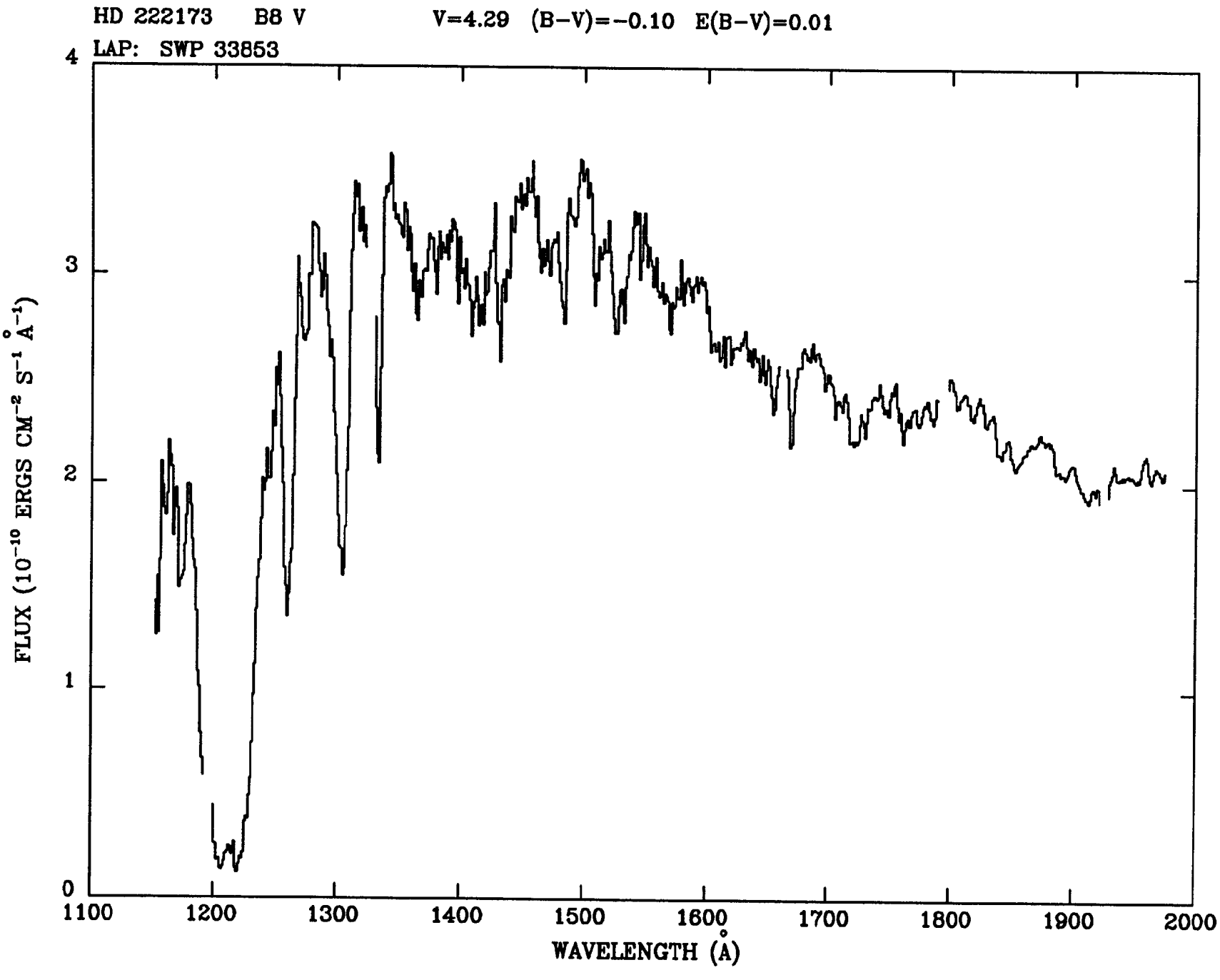
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.03E-10 | 2078 | 7.99E-11 | 2180 | 6.29E-11 | 2282 | 6.57E-11 | 2384 | 5.46E-11 | 2486 | 5.60E-11 | 2588 | 5.24E-11 | 2690 | 5.47E-11 | 2792 | 4.87E-11 | 2894 | 4.63E-11 | 2996 | 4.36E-11 | 3098 | 4.58E-11 |
| 1978 | 8.49E-11 | 2080 | 7.56E-11 | 2182 | 7.00E-11 | 2284 | 7.02E-11 | 2386 | 5.48E-11 | 2488 | 5.87E-11 | 2590 | 5.28E-11 | 2692 | 5.41E-11 | 2794 | 4.75E-11 | 2896 | 4.72E-11 | 2998 | 4.36E-11 | 3100 | 4.59E-11 |
| 1980 | 7.49E-11 | 2082 | 7.98E-11 | 2184 | 7.19E-11 | 2286 | 6.79E-11 | 2388 | 5.96E-11 | 2490 | 6.00E-11 | 2592 | 5.37E-11 | 2694 | 5.40E-11 | 2796 | 4.43E-11 | 2898 | 4.79E-11 | 3000 | 4.42E-11 | 3102 | 4.45E-11 |
| 1982 | 9.19E-11 | 2084 | 8.88E-11 | 2186 | 6.93E-11 | 2288 | 6.63E-11 | 2390 | 5.88E-11 | 2492 | 5.64E-11 | 2594 | 5.54E-11 | 2696 | 5.45E-11 | 2798 | 4.31E-11 | 2900 | 4.74E-11 | 3002 | 4.39E-11 | 3104 | 4.40E-11 |
| 1984 | 8.69E-11 | 2086 | 8.35E-11 | 2188 | 6.87E-11 | 2290 | 6.95E-11 | 2392 | 5.75E-11 | 2494 | 5.67E-11 | 2596 | 5.54E-11 | 2698 | 5.28E-11 | 2800 | 4.33E-11 | 2902 | 4.80E-11 | 3004 | 4.45E-11 | 3106 | 4.53E-11 |
| 1986 | 8.40E-11 | 2088 | 7.73E-11 | 2190 | 6.66E-11 | 2292 | 7.46E-11 | 2394 | 5.64E-11 | 2496 | 5.77E-11 | 2598 | 5.55E-11 | 2700 | 5.18E-11 | 2802 | 4.37E-11 | 2904 | 4.85E-11 | 3006 | 4.43E-11 | 3108 | 4.65E-11 |
| 1988 | 8.22E-11 | 2090 | 7.98E-11 | 2192 | 6.71E-11 | 2294 | 7.39E-11 | 2396 | 5.65E-11 | 2498 | 5.66E-11 | 2600 | 5.37E-11 | 2702 | 5.20E-11 | 2804 | 4.48E-11 | 2906 | 4.80E-11 | 3008 | 4.46E-11 | 3110 | 4.65E-11 |
| 1990 | 8.77E-11 | 2092 | 8.35E-11 | 2194 | 6.81E-11 | 2296 | 6.95E-11 | 2398 | 5.77E-11 | 2500 | 5.83E-11 | 2602 | 5.37E-11 | 2704 | 5.23E-11 | 2806 | 4.64E-11 | 2908 | 4.78E-11 | 3010 | 4.51E-11 | 3112 | 4.62E-11 |
| 1992 | 8.39E-11 | 2094 | 8.06E-11 | 2196 | 6.93E-11 | 2298 | 6.37E-11 | 2400 | 5.60E-11 | 2502 | 5.96E-11 | 2604 | 5.50E-11 | 2706 | 5.29E-11 | 2808 | 5.00E-11 | 2910 | 4.79E-11 | 3012 | 4.47E-11 | 3114 | 4.56E-11 |
| 1994 | 9.75E-11 | 2096 | 8.38E-11 | 2198 | 7.55E-11 | 2300 | 6.66E-11 | 2402 | 5.83E-11 | 2504 | 5.86E-11 | 2606 | 5.48E-11 | 2708 | 5.35E-11 | 2810 | 5.16E-11 | 2912 | 4.83E-11 | 3014 | 4.50E-11 | 3116 | 4.52E-11 |
| 1996 | 9.11E-11 | 2098 | 7.67E-11 | 2200 | 7.05E-11 | 2302 | 6.84E-11 | 2404 | 5.89E-11 | 2506 | 5.76E-11 | 2608 | 5.27E-11 | 2710 | 5.33E-11 | 2812 | 5.14E-11 | 2914 | 4.78E-11 | 3016 | 4.45E-11 | 3118 | 4.64E-11 |
| 1998 | 7.72E-11 | 2100 | 7.08E-11 | 2202 | 6.67E-11 | 2304 | 6.49E-11 | 2406 | 5.90E-11 | 2508 | 5.92E-11 | 2610 | 5.20E-11 | 2712 | 5.23E-11 | 2814 | 5.12E-11 | 2916 | 4.65E-11 | 3018 | 4.48E-11 | 3120 | 4.65E-11 |
| 2000 | 8.29E-11 | 2102 | 8.07E-11 | 2204 | 7.39E-11 | 2306 | 6.52E-11 | 2408 | 5.91E-11 | 2510 | 6.18E-11 | 2612 | 5.32E-11 | 2714 | 5.11E-11 | 2816 | 5.06E-11 | 2918 | 4.65E-11 | 3020 | 4.51E-11 | 3122 | 4.73E-11 |
| 2002 | 7.49E-11 | 2104 | 7.97E-11 | 2206 | 7.73E-11 | 2308 | 7.04E-11 | 2410 | 5.90E-11 | 2512 | 5.87E-11 | 2614 | 5.47E-11 | 2716 | 5.20E-11 | 2818 | 5.01E-11 | 2920 | 4.71E-11 | 3022 | 4.51E-11 | 3124 | 4.82E-11 |
| 2004 | 8.08E-11 | 2106 | 7.50E-11 | 2208 | 6.93E-11 | 2310 | 7.09E-11 | 2412 | 5.93E-11 | 2514 | 5.57E-11 | 2616 | 5.50E-11 | 2718 | 5.40E-11 | 2820 | 4.93E-11 | 2922 | 4.49E-11 | 3024 | 4.55E-11 | 3126 | 4.67E-11 |
| 2006 | 7.98E-11 | 2108 | 7.64E-11 | 2210 | 6.87E-11 | 2312 | 6.95E-11 | 2414 | 5.49E-11 | 2516 | 5.71E-11 | 2618 | 5.50E-11 | 2720 | 5.25E-11 | 2822 | 4.91E-11 | 2924 | 4.43E-11 | 3026 | 4.57E-11 | 3128 | 4.47E-11 |
| 2008 | 8.71E-11 | 2110 | 8.62E-11 | 2212 | 6.95E-11 | 2314 | 6.83E-11 | 2416 | 5.55E-11 | 2518 | 6.08E-11 | 2620 | 5.59E-11 | 2722 | 5.21E-11 | 2824 | 4.93E-11 | 2926 | 4.53E-11 | 3028 | 4.68E-11 | 3130 | 4.37E-11 |
| 2010 | 8.73E-11 | 2112 | 7.71E-11 | 2214 | 6.93E-11 | 2316 | 6.43E-11 | 2418 | 5.90E-11 | 2520 | 6.05E-11 | 2622 | 5.56E-11 | 2724 | 5.17E-11 | 2826 | 4.91E-11 | 2928 | 4.58E-11 | 3030 | 4.82E-11 | 3132 | 4.39E-11 |
| 2012 | 9.37E-11 | 2114 | 7.63E-11 | 2216 | 7.13E-11 | 2318 | 6.10E-11 | 2420 | 5.98E-11 | 2522 | 5.66E-11 | 2624 | 5.50E-11 | 2726 | 4.92E-11 | 2828 | 5.05E-11 | 2930 | 4.54E-11 | 3032 | 4.75E-11 | 3134 | 4.40E-11 |
| 2014 | 1.01E-10 | 2116 | 7.95E-11 | 2218 | 6.89E-11 | 2320 | 6.10E-11 | 2422 | 5.88E-11 | 2524 | 5.61E-11 | 2626 | 5.36E-11 | 2728 | 4.98E-11 | 2830 | 4.98E-11 | 2932 | 4.55E-11 | 3034 | 4.61E-11 | 3136 | 4.47E-11 |
| 2016 | 8.76E-11 | 2118 | 7.58E-11 | 2220 | 7.12E-11 | 2322 | 6.76E-11 | 2424 | 5.79E-11 | 2526 | 5.77E-11 | 2628 | 5.21E-11 | 2730 | 5.16E-11 | 2832 | 4.84E-11 | 2934 | 4.55E-11 | 3036 | 4.45E-11 | 3138 | 4.44E-11 |
| 2018 | 8.29E-11 | 2120 | 9.11E-11 | 2222 | 7.66E-11 | 2324 | 6.95E-11 | 2426 | 5.90E-11 | 2528 | 5.44E-11 | 2630 | 5.23E-11 | 2732 | 5.30E-11 | 2834 | 4.85E-11 | 2936 | 4.56E-11 | 3038 | 4.42E-11 | 3140 | 4.39E-11 |
| 2020 | 8.60E-11 | 2122 | 8.06E-11 | 2224 | 6.91E-11 | 2326 | 6.00E-11 | 2428 | 5.83E-11 | 2530 | 5.26E-11 | 2632 | 5.13E-11 | 2734 | 5.44E-11 | 2836 | 4.88E-11 | 2938 | 4.53E-11 | 3040 | 4.55E-11 | 3142 | 4.37E-11 |
| 2022 | 9.28E-11 | 2124 | 6.51E-11 | 2226 | 6.05E-11 | 2328 | 6.07E-11 | 2430 | 5.65E-11 | 2532 | 5.62E-11 | 2634 | 5.36E-11 | 2736 | 5.32E-11 | 2838 | 4.82E-11 | 2940 | 4.46E-11 | 3042 | 4.47E-11 | 3144 | 4.39E-11 |
| 2024 | 9.03E-11 | 2126 | | 2228 | 6.14E-11 | 2330 | 5.97E-11 | 2432 | 5.07E-11 | 2534 | 5.70E-11 | 2636 | 5.62E-11 | 2738 | 5.17E-11 | 2840 | 4.81E-11 | 2942 | 4.49E-11 | 3044 | 4.30E-11 | 3146 | 4.39E-11 |
| 2026 | 9.26E-11 | 2128 | 8.34E-11 | 2230 | 7.08E-11 | 2332 | 5.58E-11 | 2434 | 5.41E-11 | 2536 | 5.34E-11 | 2638 | 5.79E-11 | 2740 | 5.09E-11 | 2842 | 4.82E-11 | 2944 | 4.53E-11 | 3046 | 4.25E-11 | 3148 | 4.37E-11 |
| 2028 | 9.27E-11 | 2130 | 7.30E-11 | 2232 | 6.88E-11 | 2334 | 6.00E-11 | 2436 | 5.44E-11 | 2538 | 5.26E-11 | 2640 | 5.74E-11 | 2742 | 5.05E-11 | 2844 | 4.75E-11 | 2946 | 4.49E-11 | 3048 | 4.17E-11 | 3150 | 4.49E-11 |
| 2030 | 8.99E-11 | 2132 | 7.33E-11 | 2234 | 6.51E-11 | 2336 | 6.33E-11 | 2438 | 5.72E-11 | 2540 | 5.15E-11 | 2642 | 5.60E-11 | 2744 | 5.12E-11 | 2846 | 4.62E-11 | 2948 | 4.58E-11 | 3050 | 4.10E-11 | 3152 | 4.69E-11 |
| 2032 | 8.65E-11 | 2134 | 7.58E-11 | 2236 | 6.53E-11 | 2338 | 6.00E-11 | 2440 | 6.08E-11 | 2542 | 5.47E-11 | 2644 | 5.57E-11 | 2746 | 5.07E-11 | 2848 | | 2950 | 4.65E-11 | 3052 | | 3154 | 4.59E-11 |
| 2034 | 9.91E-11 | 2136 | 7.60E-11 | 2238 | 6.75E-11 | 2340 | 5.68E-11 | 2442 | 6.00E-11 | 2544 | 5.54E-11 | 2646 | 5.58E-11 | 2748 | 4.82E-11 | 2850 | | 2952 | 4.59E-11 | 3054 | | 3156 | 4.44E-11 |
| 2036 | 9.43E-11 | 2138 | 7.16E-11 | 2240 | 6.89E-11 | 2342 | 5.37E-11 | 2444 | 5.91E-11 | 2546 | 5.52E-11 | 2648 | 5.54E-11 | 2750 | 4.70E-11 | 2852 | | 2954 | 4.62E-11 | 3056 | | 3158 | 4.36E-11 |
| 2038 | 7.76E-11 | 2140 | 7.18E-11 | 2242 | 6.47E-11 | 2344 | 5.73E-11 | 2446 | 5.85E-11 | 2548 | 5.38E-11 | 2650 | 5.50E-11 | 2752 | 4.87E-11 | 2854 | | 2956 | 4.65E-11 | 3058 | | 3160 | 4.38E-11 |
| 2040 | 7.36E-11 | 2142 | 7.47E-11 | 2244 | 6.22E-11 | 2346 | 5.70E-11 | 2448 | 5.55E-11 | 2550 | 5.15E-11 | 2652 | 5.42E-11 | 2754 | 4.94E-11 | 2856 | 4.63E-11 | 2958 | 4.68E-11 | 3060 | | 3162 | 4.40E-11 |
| 2042 | 8.27E-11 | 2144 | 6.93E-11 | 2246 | 6.90E-11 | 2348 | 5.34E-11 | 2450 | 5.49E-11 | 2552 | 5.13E-11 | 2654 | 5.39E-11 | 2756 | 4.96E-11 | 2858 | 4.58E-11 | 2960 | 4.71E-11 | 3062 | 4.35E-11 | 3164 | 4.37E-11 |
| 2044 | 8.06E-11 | 2146 | 6.85E-11 | 2248 | 7.14E-11 | 2350 | 6.02E-11 | 2452 | 5.99E-11 | 2554 | 5.61E-11 | 2656 | 5.49E-11 | 2758 | 5.04E-11 | 2860 | 4.66E-11 | 2962 | 4.66E-11 | 3064 | 4.28E-11 | 3166 | 4.29E-11 |
| 2046 | 8.14E-11 | 2148 | 7.52E-11 | 2250 | 6.83E-11 | 2352 | 5.66E-11 | 2454 | 6.18E-11 | 2556 | 5.96E-11 | 2658 | 5.45E-11 | 2760 | 5.21E-11 | 2862 | 4.89E-11 | 2964 | 4.61E-11 | 3066 | 4.24E-11 | 3168 | 4.17E-11 |
| 2048 | 8.97E-11 | 2150 | 7.41E-11 | 2252 | 6.85E-11 | 2354 | 5.73E-11 | 2456 | 5.97E-11 | 2558 | 6.05E-11 | 2660 | 5.33E-11 | 2762 | 5.25E-11 | 2864 | 4.80E-11 | 2966 | 4.62E-11 | 3068 | 4.21E-11 | 3170 | 4.26E-11 |
| 2050 | 8.38E-11 | 2152 | 7.48E-11 | 2254 | 7.03E-11 | 2356 | 5.99E-11 | 2458 | 5.76E-11 | 2560 | 5.77E-11 | 2662 | 5.29E-11 | 2764 | 5.13E-11 | 2866 | 4.70E-11 | 2968 | 4.63E-11 | 3070 | 4.23E-11 | 3172 | 4.34E-11 |
| 2052 | 8.07E-11 | 2154 | 8.25E-11 | 2256 | 7.22E-11 | 2358 | 6.04E-11 | 2460 | 6.20E-11 | 2562 | 5.78E-11 | 2664 | 5.22E-11 | 2766 | 5.02E-11 | 2868 | 4.80E-11 | 2970 | 4.58E-11 | 3072 | 4.23E-11 | 3174 | 4.27E-11 |
| 2054 | 9.16E-11 | 2156 | 8.07E-11 | 2258 | 7.02E-11 | 2360 | 6.15E-11 | 2462 | 6.02E-11 | 2564 | 5.56E-11 | 2666 | 5.18E-11 | 2768 | 4.85E-11 | 2870 | 4.70E-11 | 2972 | 4.53E-11 | 3074 | 4.26E-11 | 3176 | 4.16E-11 |
| 2056 | 9.02E-11 | 2158 | 8.19E-11 | 2260 | 6.64E-11 | 2362 | 5.96E-11 | 2464 | 5.42E-11 | 2566 | 5.47E-11 | 2668 | 5.31E-11 | 2770 | 4.85E-11 | 2872 | 4.78E-11 | 2974 | 4.54E-11 | 3076 | 4.39E-11 | 3178 | 4.30E-11 |
| 2058 | 7.74E-11 | 2160 | 7.50E-11 | 2262 | 6.19E-11 | 2364 | 5.57E-11 | 2466 | 5.52E-11 | 2568 | 5.58E-11 | 2670 | 5.29E-11 | 2772 | 5.05E-11 | 2874 | 4.73E-11 | 2976 | 4.61E-11 | 3078 | 4.39E-11 | 3180 | 4.40E-11 |
| 2060 | 8.34E-11 | 2162 | 6.55E-11 | 2264 | 6.32E-11 | 2366 | 6.17E-11 | 2468 | 6.30E-11 | 2570 | 5.53E-11 | 2672 | 5.25E-11 | 2774 | 5.06E-11 | 2876 | 4.71E-11 | 2978 | 4.58E-11 | 3080 | 4.41E-11 | 3182 | 4.36E-11 |
| 2062 | 7.33E-11 | 2164 | 7.03E-11 | 2266 | 6.71E-11 | 2368 | 5.73E-11 | 2470 | 6.23E-11 | 2572 | 5.53E-11 | 2674 | 5.29E-11 | 2776 | 4.98E-11 | 2878 | 4.80E-11 | 2980 | 4.54E-11 | 3082 | 4.51E-11 | 3184 | 4.17E-11 |
| 2064 | 7.75E-11 | 2166 | 7.11E-11 | 2268 | 6.48E-11 | 2370 | 5.66E-11 | 2472 | 5.85E-11 | 2574 | 5.65E-11 | 2676 | 5.33E-11 | 2778 | 5.12E-11 | 2880 | 4.74E-11 | 2982 | 4.46E-11 | 3084 | 4.52E-11 | 3186 | 4.04E-11 |
| 2066 | 7.79E-11 | 2168 | 6.89E-11 | 2270 | 6.23E-11 | 2372 | 5.96E-11 | 2474 | 5.65E-11 | 2576 | 5.62E-11 | 2678 | 5.44E-11 | 2780 | 5.01E-11 | 2882 | 4.70E-11 | 2984 | 4.50E-11 | 3086 | 4.51E-11 | 3188 | 4.33E-11 |
| 2068 | 7.69E-11 | 2170 | 7.08E-11 | 2272 | 6.19E-11 | 2374 | 5.91E-11 | 2476 | 5.57E-11 | 2578 | 5.65E-11 | 2680 | 5.46E-11 | 2782 | 5.01E-11 | 2884 | 4.66E-11 | 2986 | 4.42E-11 | 3088 | 4.62E-11 | 3190 | 4.71E-11 |
| 2070 | 8.16E-11 | 2172 | 6.95E-11 | 2274 | 6.81E-11 | 2376 | 5.61E-11 | 2478 | 5.67E-11 | 2580 | 5.47E-11 | 2682 | 5.40E-11 | 2784 | 5.11E-11 | 2886 | 4.67E-11 | 2988 | 4.37E-11 | 3090 | 4.57E-11 | 3192 | 4.79E-11 |
| 2072 | 8.16E-11 | 2174 | 7.19E-11 | 2276 | 7.20E-11 | 2378 | 5.49E-11 | 2480 | 5.76E-11 | 2582 | 5.52E-11 | 2684 | 5.38E-11 | 2786 | 5.01E-11 | 2888 | 4.73E-11 | 2990 | 4.38E-11 | 3092 | 4.52E-11 | 3194 | 4.67E-11 |
| 2074 | 8.87E-11 | 2176 | 7.09E-11 | 2278 | 6.67E-11 | 2380 | 5.69E-11 | 2482 | 5.69E-11 | 2584 | 5.61E-11 | 2686 | 5.39E-11 | 2788 | 5.04E-11 | 2890 | 4.75E-11 | 2992 | 4.41E-11 | 3094 | 4.63E-11 | 3196 | 4.67E-11 |
| 2076 | 9.48E-11 | 2178 | 6.44E-11 | 2280 | 6.21E-11 | 2382 | 5.63E-11 | 2484 | 5.75E-11 | 2586 | 5.34E-11 | 2688 | 5.34E-11 | 2790 | 4.95E-11 | 2892 | 4.74E-11 | 2994 | 4.39E-11 | 3096 | 4.59E-11 | 3198 | 4.66E-11 |


HD 209419 B5 III V=5.78 (B−V)=−0.11 E(B−V)=0.05
LAP: LWP 13555
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200

**HD 222173 B8 V V=4.29 (B-V)=-0.10 E(B-V)=0.01**

**LAP: SWP 33853**

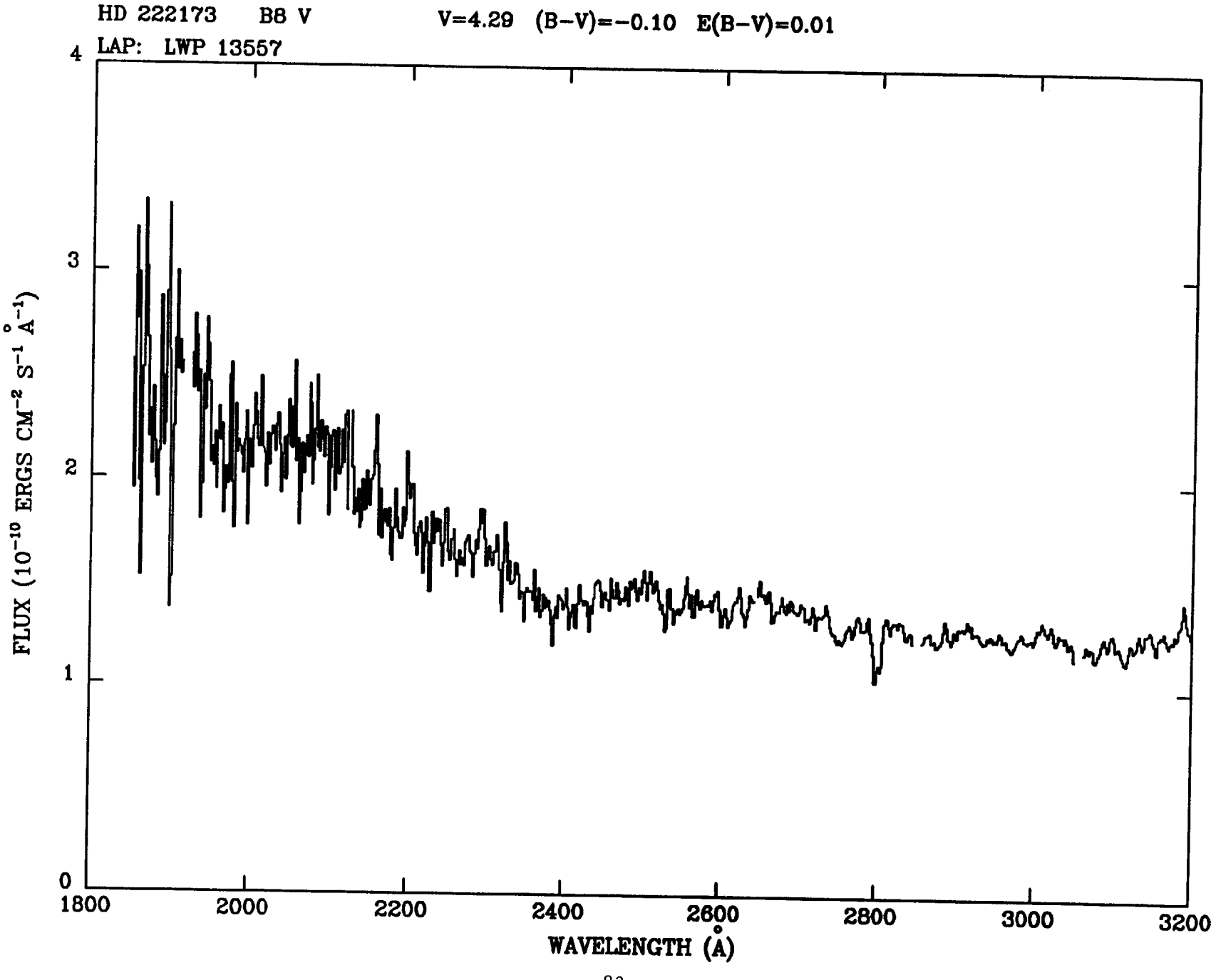
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 1.34E-10 | 1222 | 1.88E-11 | 1292 | 2.79E-10 | 1362 | 2.99E-10 | 1432 | 2.71E-10 | 1502 | 3.44E-10 | 1572 | 2.86E-10 | 1642 | 2.58E-10 | 1712 | 2.39E-10 | 1782 | 2.37E-10 | 1852 | 2.09E-10 | 1922 | 1.93E-10 |
| 1154 | 1.41E-10 | 1224 | 2.21E-11 | 1294 | 2.64E-10 | 1364 | 2.80E-10 | 1434 | 2.96E-10 | 1504 | 3.42E-10 | 1574 | 2.90E-10 | 1644 | 2.55E-10 | 1714 | 2.43E-10 | 1784 | 2.32E-10 | 1854 | 2.09E-10 | 1924 | |
| 1156 | 1.73E-10 | 1226 | 3.74E-11 | 1296 | 2.60E-10 | 1366 | 2.93E-10 | 1436 | 2.95E-10 | 1506 | 3.24E-10 | 1576 | 2.90E-10 | 1646 | 2.58E-10 | 1716 | 2.34E-10 | 1786 | 2.31E-10 | 1856 | 2.11E-10 | 1926 | |
| 1158 | 1.99E-10 | 1228 | 4.17E-11 | 1298 | 2.28E-10 | 1368 | 2.92E-10 | 1438 | 2.99E-10 | 1508 | 2.92E-10 | 1578 | 3.01E-10 | 1648 | 2.52E-10 | 1718 | 2.21E-10 | 1788 | 2.39E-10 | 1858 | 2.13E-10 | 1928 | 1.96E-10 |
| 1160 | 1.85E-10 | 1230 | 5.90E-11 | 1300 | 1.96E-10 | 1370 | 3.02E-10 | 1440 | 3.21E-10 | 1510 | 3.00E-10 | 1580 | 2.91E-10 | 1650 | 2.59E-10 | 1720 | 2.21E-10 | 1790 | 2.41E-10 | 1860 | 2.15E-10 | 1930 | 2.02E-10 |
| 1162 | 2.05E-10 | 1232 | 8.81E-11 | 1302 | 1.72E-10 | 1372 | 3.06E-10 | 1442 | 3.21E-10 | 1512 | 3.09E-10 | 1582 | 2.94E-10 | 1652 | 2.52E-10 | 1722 | 2.21E-10 | 1792 | | 1862 | 2.17E-10 | 1932 | 2.06E-10 |
| 1164 | 2.13E-10 | 1234 | 1.23E-10 | 1304 | 1.60E-10 | 1374 | 3.17E-10 | 1444 | 3.37E-10 | 1514 | 3.09E-10 | 1584 | 2.98E-10 | 1654 | 2.39E-10 | 1724 | 2.21E-10 | 1794 | | 1864 | 2.19E-10 | 1934 | 2.08E-10 |
| 1166 | 1.87E-10 | 1236 | 1.53E-10 | 1306 | 1.67E-10 | 1376 | 3.17E-10 | 1446 | 3.37E-10 | 1516 | 3.15E-10 | 1586 | 2.93E-10 | 1656 | 2.38E-10 | 1726 | 2.31E-10 | 1796 | | 1866 | 2.20E-10 | 1936 | 2.03E-10 |
| 1168 | 1.93E-10 | 1238 | 1.75E-10 | 1308 | 2.05E-10 | 1378 | 3.04E-10 | 1448 | 3.36E-10 | 1518 | 3.14E-10 | 1588 | 2.91E-10 | 1658 | 2.51E-10 | 1728 | 2.32E-10 | 1798 | 2.49E-10 | 1868 | 2.19E-10 | 1938 | 2.04E-10 |
| 1170 | 1.77E-10 | 1240 | 1.99E-10 | 1310 | 2.66E-10 | 1380 | 2.99E-10 | 1450 | 3.37E-10 | 1520 | 3.16E-10 | 1590 | 2.97E-10 | 1660 | 2.57E-10 | 1730 | 2.26E-10 | 1800 | 2.51E-10 | 1870 | 2.21E-10 | 1940 | 2.04E-10 |
| 1172 | 1.52E-10 | 1242 | 2.05E-10 | 1312 | 3.20E-10 | 1382 | 3.17E-10 | 1452 | 3.38E-10 | 1522 | 2.96E-10 | 1592 | 2.95E-10 | 1662 | | 1732 | 2.34E-10 | 1802 | 2.47E-10 | 1872 | 2.24E-10 | 1942 | 2.04E-10 |
| 1174 | 1.56E-10 | 1244 | 2.06E-10 | 1314 | 3.41E-10 | 1384 | 3.11E-10 | 1454 | 3.42E-10 | 1524 | 2.79E-10 | 1594 | 2.98E-10 | 1664 | | 1734 | 2.37E-10 | 1804 | 2.41E-10 | 1874 | 2.23E-10 | 1944 | 2.05E-10 |
| 1176 | 1.73E-10 | 1246 | 2.08E-10 | 1316 | 3.39E-10 | 1386 | 3.12E-10 | 1456 | 3.43E-10 | 1526 | 2.74E-10 | 1596 | 2.97E-10 | 1666 | 2.54E-10 | 1736 | 2.41E-10 | 1806 | 2.38E-10 | 1876 | 2.21E-10 | 1946 | 2.05E-10 |
| 1178 | 1.94E-10 | 1248 | 2.30E-10 | 1318 | 3.25E-10 | 1388 | 3.15E-10 | 1458 | 3.49E-10 | 1528 | 2.89E-10 | 1598 | 2.94E-10 | 1668 | 2.33E-10 | 1738 | 2.43E-10 | 1808 | 2.40E-10 | 1878 | 2.21E-10 | 1948 | 2.05E-10 |
| 1180 | 1.94E-10 | 1250 | 2.45E-10 | 1320 | 3.27E-10 | 1390 | 3.14E-10 | 1460 | 3.32E-10 | 1530 | 2.91E-10 | 1600 | 2.84E-10 | 1670 | 2.21E-10 | 1740 | 2.42E-10 | 1810 | 2.43E-10 | 1880 | 2.20E-10 | 1950 | 2.03E-10 |
| 1182 | 1.69E-10 | 1252 | 2.56E-10 | 1322 | 3.19E-10 | 1392 | 3.20E-10 | 1462 | 3.26E-10 | 1532 | 2.83E-10 | 1602 | 2.72E-10 | 1672 | 2.42E-10 | 1742 | 2.46E-10 | 1812 | 2.44E-10 | 1882 | 2.20E-10 | 1952 | 2.03E-10 |
| 1184 | 1.55E-10 | 1254 | 2.31E-10 | 1324 | 3.13E-10 | 1394 | 3.24E-10 | 1464 | 3.05E-10 | 1534 | 2.97E-10 | 1604 | 2.67E-10 | 1674 | 2.54E-10 | 1744 | 2.41E-10 | 1814 | 2.40E-10 | 1884 | 2.15E-10 | 1954 | 2.04E-10 |
| 1186 | 1.20E-10 | 1256 | 1.95E-10 | 1326 | | 1396 | 3.07E-10 | 1466 | 3.09E-10 | 1536 | 3.09E-10 | 1606 | 2.66E-10 | 1676 | 2.57E-10 | 1746 | 2.36E-10 | 1816 | 2.35E-10 | 1886 | 2.07E-10 | 1956 | 2.10E-10 |
| 1188 | 9.22E-11 | 1258 | 1.54E-10 | 1328 | | 1398 | 2.99E-10 | 1468 | 3.06E-10 | 1538 | 3.13E-10 | 1608 | 2.66E-10 | 1678 | 2.61E-10 | 1748 | 2.36E-10 | 1818 | 2.33E-10 | 1888 | 2.07E-10 | 1958 | 2.14E-10 |
| 1190 | 6.76E-11 | 1260 | 1.40E-10 | 1330 | 2.80E-10 | 1400 | 3.05E-10 | 1470 | 3.13E-10 | 1540 | 3.28E-10 | 1610 | 2.62E-10 | 1680 | 2.65E-10 | 1750 | 2.39E-10 | 1820 | 2.35E-10 | 1890 | 2.05E-10 | 1960 | 2.13E-10 |
| 1192 | 5.86E-11 | 1262 | 1.60E-10 | 1332 | 2.27E-10 | 1402 | 2.98E-10 | 1472 | 3.04E-10 | 1542 | 3.27E-10 | 1612 | 2.65E-10 | 1682 | 2.62E-10 | 1752 | 2.45E-10 | 1822 | 2.40E-10 | 1892 | 2.05E-10 | 1962 | 2.05E-10 |
| 1194 | | 1264 | 1.96E-10 | 1334 | 2.24E-10 | 1404 | 3.02E-10 | 1474 | 3.15E-10 | 1544 | 3.21E-10 | 1614 | 2.64E-10 | 1684 | 2.61E-10 | 1754 | 2.48E-10 | 1824 | 2.41E-10 | 1894 | 2.04E-10 | 1964 | 2.03E-10 |
| 1196 | | 1266 | 2.55E-10 | 1336 | 2.90E-10 | 1406 | 2.93E-10 | 1476 | 3.16E-10 | 1546 | 3.06E-10 | 1616 | 2.69E-10 | 1686 | 2.67E-10 | 1756 | 2.41E-10 | 1826 | 2.39E-10 | 1896 | 2.07E-10 | 1966 | 2.07E-10 |
| 1198 | | 1268 | 3.00E-10 | 1338 | 3.39E-10 | 1408 | 2.77E-10 | 1478 | 3.16E-10 | 1548 | 3.27E-10 | 1618 | 2.70E-10 | 1688 | 2.62E-10 | 1758 | 2.33E-10 | 1828 | 2.31E-10 | 1898 | 2.10E-10 | 1968 | 2.09E-10 |
| 1200 | 3.50E-11 | 1270 | 2.89E-10 | 1340 | 3.41E-10 | 1410 | 2.85E-10 | 1480 | 2.99E-10 | 1550 | 3.13E-10 | 1620 | 2.60E-10 | 1690 | 2.63E-10 | 1760 | 2.26E-10 | 1830 | 2.30E-10 | 1900 | 2.10E-10 | 1970 | 2.07E-10 |
| 1202 | 2.33E-11 | 1272 | 2.72E-10 | 1342 | 3.53E-10 | 1412 | 2.95E-10 | 1482 | 2.86E-10 | 1552 | 3.10E-10 | 1622 | 2.65E-10 | 1692 | 2.63E-10 | 1762 | 2.26E-10 | 1832 | 2.32E-10 | 1902 | 2.05E-10 | 1972 | 2.04E-10 |
| 1204 | 1.77E-11 | 1274 | 2.69E-10 | 1344 | 3.44E-10 | 1414 | 2.80E-10 | 1484 | 2.85E-10 | 1554 | 3.06E-10 | 1624 | 2.66E-10 | 1694 | 2.58E-10 | 1764 | 2.32E-10 | 1834 | 2.34E-10 | 1904 | 2.02E-10 | 1974 | 2.05E-10 |
| 1206 | 1.37E-11 | 1276 | 2.78E-10 | 1346 | 3.31E-10 | 1416 | 2.82E-10 | 1486 | 3.25E-10 | 1556 | 2.99E-10 | 1626 | 2.65E-10 | 1696 | 2.54E-10 | 1766 | 2.29E-10 | 1836 | 2.27E-10 | 1906 | 1.99E-10 | | |
| 1208 | 1.57E-11 | 1278 | 3.00E-10 | 1348 | 3.27E-10 | 1418 | 2.86E-10 | 1488 | 3.32E-10 | 1558 | 3.05E-10 | 1628 | 2.68E-10 | 1698 | 2.48E-10 | 1768 | 2.33E-10 | 1838 | 2.16E-10 | 1908 | 1.96E-10 | | |
| 1210 | 2.04E-11 | 1280 | 3.24E-10 | 1350 | 3.24E-10 | 1420 | 2.93E-10 | 1490 | 3.28E-10 | 1560 | 2.91E-10 | 1630 | 2.71E-10 | 1700 | 2.54E-10 | 1770 | 2.36E-10 | 1840 | 2.15E-10 | 1910 | 1.94E-10 | | |
| 1212 | 2.36E-11 | 1282 | 3.23E-10 | 1352 | 3.18E-10 | 1422 | 2.98E-10 | 1492 | 3.25E-10 | 1562 | 2.94E-10 | 1632 | 2.69E-10 | 1702 | 2.50E-10 | 1772 | 2.34E-10 | 1842 | 2.16E-10 | 1912 | 1.93E-10 | | |
| 1214 | 2.28E-11 | 1284 | 3.11E-10 | 1354 | 3.30E-10 | 1424 | 3.11E-10 | 1494 | 3.37E-10 | 1564 | 2.90E-10 | 1634 | 2.62E-10 | 1704 | 2.46E-10 | 1774 | 2.29E-10 | 1844 | 2.17E-10 | 1914 | 1.96E-10 | | |
| 1216 | 2.37E-11 | 1286 | 2.96E-10 | 1356 | 3.20E-10 | 1426 | 3.20E-10 | 1496 | 3.52E-10 | 1566 | 2.91E-10 | 1636 | 2.60E-10 | 1706 | 2.35E-10 | 1776 | 2.33E-10 | 1846 | 2.21E-10 | 1916 | 1.98E-10 | | |
| 1218 | 1.76E-11 | 1288 | 2.97E-10 | 1358 | 3.21E-10 | 1428 | 3.06E-10 | 1498 | 3.52E-10 | 1568 | 2.81E-10 | 1638 | 2.63E-10 | 1708 | 2.41E-10 | 1778 | 2.38E-10 | 1848 | 2.20E-10 | 1918 | 1.97E-10 | | |
| 1220 | 1.42E-11 | 1290 | 3.01E-10 | 1360 | 3.00E-10 | 1430 | 2.77E-10 | 1500 | 3.48E-10 | 1570 | 2.77E-10 | 1640 | 2.60E-10 | 1710 | 2.39E-10 | 1780 | 2.39E-10 | 1850 | 2.13E-10 | 1920 | 1.99E-10 | | |


HD 222173 B8 V V=4.29 (B−V)=−0.10 E(B−V)=0.01
LAP: SWP 33853
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 222173 B8 V V=4.29 (B-V)=-0.10 E(B-V)=0.01**

**LAP: LWP 13557**

| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.53E-10 | 2078 | 2.17E-10 | 2180 | 1.62E-10 | 2282 | 1.57E-10 | 2384 | 1.28E-10 | 2486 | 1.49E-10 | 2588 | 1.41E-10 | 2690 | 1.43E-10 | 2792 | 1.26E-10 | 2894 | 1.23E-10 | 2996 | 1.25E-10 | 3098 | 1.28E-10 |
| 1978 | 2.18E-10 | 2080 | 2.04E-10 | 2182 | 1.79E-10 | 2284 | 1.61E-10 | 2386 | 1.24E-10 | 2488 | 1.49E-10 | 2590 | 1.40E-10 | 2692 | 1.42E-10 | 2794 | 1.20E-10 | 2896 | 1.25E-10 | 2998 | 1.24E-10 | 3100 | 1.28E-10 |
| 1980 | 1.81E-10 | 2082 | 2.19E-10 | 2184 | 1.92E-10 | 2286 | 1.69E-10 | 2388 | 1.36E-10 | 2490 | 1.53E-10 | 2592 | 1.44E-10 | 2694 | 1.38E-10 | 2796 | 1.10E-10 | 2898 | 1.28E-10 | 3000 | 1.25E-10 | 3102 | 1.24E-10 |
| 1982 | 2.24E-10 | 2084 | 2.42E-10 | 2186 | 1.79E-10 | 2288 | 1.68E-10 | 2390 | 1.37E-10 | 2492 | 1.47E-10 | 2594 | 1.46E-10 | 2696 | 1.38E-10 | 2798 | 1.04E-10 | 2900 | 1.26E-10 | 3002 | 1.27E-10 | 3104 | 1.21E-10 |
| 1984 | 2.16E-10 | 2086 | 2.24E-10 | 2188 | 1.73E-10 | 2290 | 1.75E-10 | 2392 | 1.38E-10 | 2494 | 1.43E-10 | 2596 | 1.47E-10 | 2698 | 1.37E-10 | 2800 | 1.08E-10 | 2902 | 1.27E-10 | 3004 | 1.30E-10 | 3106 | 1.22E-10 |
| 1986 | 2.18E-10 | 2088 | 2.13E-10 | 2190 | 1.72E-10 | 2292 | 1.85E-10 | 2394 | 1.44E-10 | 2496 | 1.49E-10 | 2598 | 1.42E-10 | 2700 | 1.37E-10 | 2802 | 1.11E-10 | 2904 | 1.30E-10 | 3006 | 1.30E-10 | 3108 | 1.21E-10 |
| 1988 | 2.15E-10 | 2090 | 2.26E-10 | 2192 | 1.79E-10 | 2294 | 1.80E-10 | 2396 | 1.43E-10 | 2498 | 1.47E-10 | 2600 | 1.33E-10 | 2702 | 1.39E-10 | 2804 | 1.10E-10 | 2906 | 1.30E-10 | 3008 | 1.31E-10 | 3110 | 1.19E-10 |
| 1990 | 2.10E-10 | 2092 | 2.19E-10 | 2194 | 1.81E-10 | 2296 | 1.84E-10 | 2398 | 1.39E-10 | 2500 | 1.48E-10 | 2602 | 1.31E-10 | 2704 | 1.41E-10 | 2806 | 1.12E-10 | 2908 | 1.30E-10 | 3010 | 1.33E-10 | 3112 | 1.17E-10 |
| 1992 | 2.06E-10 | 2094 | 2.12E-10 | 2196 | 1.79E-10 | 2298 | 1.69E-10 | 2400 | 1.39E-10 | 2502 | 1.54E-10 | 2604 | 1.35E-10 | 2706 | 1.40E-10 | 2808 | 1.24E-10 | 2910 | 1.30E-10 | 3012 | 1.31E-10 | 3114 | 1.15E-10 |
| 1994 | 2.22E-10 | 2096 | 2.25E-10 | 2198 | 2.03E-10 | 2300 | 1.60E-10 | 2402 | 1.46E-10 | 2504 | 1.55E-10 | 2606 | 1.39E-10 | 2708 | 1.37E-10 | 2810 | 1.33E-10 | 2912 | 1.30E-10 | 3014 | 1.29E-10 | 3116 | 1.14E-10 |
| 1996 | 2.16E-10 | 2098 | 2.12E-10 | 2200 | 2.02E-10 | 2302 | 1.66E-10 | 2404 | 1.40E-10 | 2506 | 1.48E-10 | 2608 | 1.35E-10 | 2710 | 1.34E-10 | 2812 | 1.35E-10 | 2914 | 1.33E-10 | 3016 | 1.28E-10 | 3118 | 1.16E-10 |
| 1998 | 1.92E-10 | 2100 | 1.89E-10 | 2202 | 1.92E-10 | 2304 | 1.65E-10 | 2406 | 1.29E-10 | 2508 | 1.47E-10 | 2610 | 1.30E-10 | 2712 | 1.34E-10 | 2814 | 1.34E-10 | 2916 | 1.33E-10 | 3018 | 1.28E-10 | 3120 | 1.20E-10 |
| 2000 | 2.16E-10 | 2102 | 2.11E-10 | 2204 | 1.95E-10 | 2306 | 1.60E-10 | 2408 | 1.34E-10 | 2510 | 1.55E-10 | 2612 | 1.33E-10 | 2714 | 1.33E-10 | 2816 | 1.30E-10 | 2918 | 1.31E-10 | 3020 | 1.31E-10 | 3122 | 1.24E-10 |
| 2002 | 2.06E-10 | 2104 | 2.22E-10 | 2206 | 1.98E-10 | 2308 | 1.63E-10 | 2410 | 1.37E-10 | 2512 | 1.53E-10 | 2614 | 1.35E-10 | 2716 | 1.35E-10 | 2818 | 1.29E-10 | 2920 | 1.32E-10 | 3022 | 1.31E-10 | 3124 | 1.23E-10 |
| 2004 | 2.23E-10 | 2106 | 2.09E-10 | 2208 | 1.74E-10 | 2310 | 1.66E-10 | 2412 | 1.38E-10 | 2514 | 1.48E-10 | 2616 | 1.39E-10 | 2718 | 1.40E-10 | 2820 | 1.32E-10 | 2922 | 1.27E-10 | 3024 | 1.27E-10 | 3126 | 1.20E-10 |
| 2006 | 2.39E-10 | 2108 | 2.02E-10 | 2210 | 1.67E-10 | 2312 | 1.71E-10 | 2414 | 1.29E-10 | 2516 | 1.47E-10 | 2618 | 1.42E-10 | 2720 | 1.37E-10 | 2822 | 1.33E-10 | 2924 | 1.28E-10 | 3026 | 1.24E-10 | 3128 | 1.21E-10 |
| 2008 | 2.31E-10 | 2110 | 2.19E-10 | 2212 | 1.66E-10 | 2314 | 1.71E-10 | 2416 | 1.33E-10 | 2518 | 1.52E-10 | 2620 | 1.42E-10 | 2722 | 1.30E-10 | 2824 | 1.32E-10 | 2926 | 1.28E-10 | 3028 | 1.24E-10 | 3130 | 1.23E-10 |
| 2010 | 2.18E-10 | 2112 | 2.09E-10 | 2214 | 1.78E-10 | 2316 | 1.59E-10 | 2418 | 1.44E-10 | 2520 | 1.48E-10 | 2622 | 1.44E-10 | 2724 | 1.35E-10 | 2826 | 1.31E-10 | 2928 | 1.28E-10 | 3030 | 1.27E-10 | 3132 | 1.27E-10 |
| 2012 | 2.24E-10 | 2114 | 2.05E-10 | 2216 | 1.78E-10 | 2318 | 1.43E-10 | 2420 | 1.47E-10 | 2522 | 1.42E-10 | 2624 | 1.48E-10 | 2726 | 1.36E-10 | 2828 | 1.32E-10 | 2930 | 1.27E-10 | 3032 | 1.27E-10 | 3134 | 1.27E-10 |
| 2014 | 2.49E-10 | 2116 | 2.20E-10 | 2218 | 1.66E-10 | 2320 | 1.37E-10 | 2422 | 1.42E-10 | 2524 | 1.39E-10 | 2626 | 1.47E-10 | 2728 | 1.35E-10 | 2830 | 1.33E-10 | 2932 | 1.25E-10 | 3034 | 1.27E-10 | 3136 | 1.24E-10 |
| 2016 | 2.37E-10 | 2118 | 2.10E-10 | 2220 | 1.61E-10 | 2322 | 1.61E-10 | 2424 | 1.41E-10 | 2526 | 1.40E-10 | 2628 | 1.39E-10 | 2730 | 1.35E-10 | 2832 | 1.32E-10 | 2934 | 1.24E-10 | 3036 | 1.27E-10 | 3138 | 1.23E-10 |
| 2018 | 2.13E-10 | 2120 | 2.30E-10 | 2222 | 1.75E-10 | 2324 | 1.78E-10 | 2426 | 1.41E-10 | 2528 | 1.34E-10 | 2630 | 1.36E-10 | 2732 | 1.36E-10 | 2834 | 1.29E-10 | 2936 | 1.23E-10 | 3038 | 1.24E-10 | 3140 | 1.26E-10 |
| 2020 | 2.04E-10 | 2122 | 2.30E-10 | 2224 | 1.74E-10 | 2326 | 1.66E-10 | 2428 | 1.42E-10 | 2530 | 1.28E-10 | 2632 | 1.32E-10 | 2734 | 1.39E-10 | 2836 | 1.25E-10 | 2938 | 1.24E-10 | 3040 | 1.26E-10 | 3142 | 1.28E-10 |
| 2022 | 2.10E-10 | 2124 | 1.85E-10 | 2226 | 1.54E-10 | 2328 | 1.54E-10 | 2430 | 1.36E-10 | 2532 | 1.36E-10 | 2634 | 1.34E-10 | 2736 | 1.40E-10 | 2838 | 1.25E-10 | 2940 | 1.25E-10 | 3042 | 1.24E-10 | 3144 | 1.29E-10 |
| 2024 | 2.13E-10 | 2126 | | 2228 | 1.46E-10 | 2330 | 1.57E-10 | 2432 | 1.28E-10 | 2534 | 1.48E-10 | 2636 | 1.39E-10 | 2738 | 1.38E-10 | 2840 | 1.27E-10 | 2942 | 1.25E-10 | 3044 | 1.22E-10 | 3146 | 1.30E-10 |
| 2026 | 2.16E-10 | 2128 | 2.26E-10 | 2230 | 1.76E-10 | 2332 | 1.50E-10 | 2434 | 1.38E-10 | 2536 | 1.44E-10 | 2638 | 1.45E-10 | 2740 | 1.33E-10 | 2842 | 1.28E-10 | 2944 | 1.26E-10 | 3046 | 1.23E-10 | 3148 | 1.30E-10 |
| 2028 | 2.24E-10 | 2130 | 1.98E-10 | 2232 | 1.71E-10 | 2334 | 1.51E-10 | 2436 | 1.37E-10 | 2538 | 1.39E-10 | 2640 | 1.44E-10 | 2742 | 1.29E-10 | 2844 | 1.27E-10 | 2946 | 1.26E-10 | 3048 | 1.23E-10 | 3150 | 1.26E-10 |
| 2030 | 2.22E-10 | 2132 | 1.86E-10 | 2234 | 1.74E-10 | 2336 | 1.56E-10 | 2438 | 1.44E-10 | 2540 | 1.34E-10 | 2642 | 1.43E-10 | 2744 | 1.27E-10 | 2846 | 1.23E-10 | 2948 | 1.25E-10 | 3050 | 1.19E-10 | 3152 | 1.24E-10 |
| 2032 | 2.14E-10 | 2134 | 1.88E-10 | 2236 | 1.81E-10 | 2338 | 1.60E-10 | 2440 | 1.50E-10 | 2542 | 1.35E-10 | 2644 | 1.43E-10 | 2746 | 1.27E-10 | 2848 | | 2950 | 1.25E-10 | 3052 | 1.15E-10 | 3154 | 1.20E-10 |
| 2034 | 2.25E-10 | 2136 | 1.90E-10 | 2238 | 1.76E-10 | 2340 | 1.56E-10 | 2442 | 1.52E-10 | 2544 | 1.37E-10 | 2646 | 1.46E-10 | 2748 | 1.25E-10 | 2850 | | 2952 | 1.25E-10 | 3054 | | 3156 | 1.21E-10 |
| 2036 | 2.31E-10 | 2138 | 1.84E-10 | 2240 | 1.78E-10 | 2342 | 1.46E-10 | 2444 | 1.52E-10 | 2546 | 1.38E-10 | 2648 | 1.48E-10 | 2750 | 1.23E-10 | 2852 | | 2954 | 1.27E-10 | 3056 | | 3158 | 1.27E-10 |
| 2038 | 2.13E-10 | 2140 | 1.78E-10 | 2242 | 1.66E-10 | 2344 | 1.45E-10 | 2446 | 1.50E-10 | 2548 | 1.36E-10 | 2650 | 1.51E-10 | 2752 | 1.25E-10 | 2854 | | 2956 | 1.28E-10 | 3058 | | 3160 | 1.27E-10 |
| 2040 | 1.97E-10 | 2142 | 1.95E-10 | 2244 | 1.62E-10 | 2346 | 1.46E-10 | 2448 | 1.44E-10 | 2550 | 1.37E-10 | 2652 | 1.49E-10 | 2754 | 1.23E-10 | 2856 | 1.23E-10 | 2958 | 1.27E-10 | 3060 | | 3162 | 1.28E-10 |
| 2042 | 2.14E-10 | 2144 | 1.88E-10 | 2246 | 1.76E-10 | 2348 | 1.33E-10 | 2450 | 1.42E-10 | 2552 | 1.40E-10 | 2654 | 1.46E-10 | 2756 | 1.23E-10 | 2858 | 1.23E-10 | 2960 | 1.24E-10 | 3062 | 1.19E-10 | 3164 | 1.29E-10 |
| 2044 | 2.13E-10 | 2146 | 1.85E-10 | 2248 | 1.86E-10 | 2350 | 1.46E-10 | 2452 | 1.46E-10 | 2554 | 1.45E-10 | 2656 | 1.45E-10 | 2758 | 1.24E-10 | 2860 | 1.24E-10 | 2962 | 1.24E-10 | 3064 | 1.19E-10 | 3166 | 1.28E-10 |
| 2046 | 2.08E-10 | 2148 | 2.03E-10 | 2250 | 1.76E-10 | 2352 | 1.48E-10 | 2454 | 1.44E-10 | 2556 | 1.51E-10 | 2658 | 1.43E-10 | 2760 | 1.26E-10 | 2862 | 1.26E-10 | 2964 | 1.23E-10 | 3066 | 1.22E-10 | 3168 | 1.25E-10 |
| 2048 | 2.28E-10 | 2150 | 1.96E-10 | 2252 | 1.63E-10 | 2354 | 1.46E-10 | 2456 | 1.42E-10 | 2558 | 1.52E-10 | 2660 | 1.46E-10 | 2762 | 1.29E-10 | 2864 | 1.27E-10 | 2966 | 1.22E-10 | 3068 | 1.22E-10 | 3170 | 1.23E-10 |
| 2050 | 2.26E-10 | 2152 | 1.89E-10 | 2254 | 1.68E-10 | 2356 | 1.46E-10 | 2458 | 1.39E-10 | 2560 | 1.44E-10 | 2662 | 1.48E-10 | 2764 | 1.30E-10 | 2866 | 1.28E-10 | 2968 | 1.21E-10 | 3070 | 1.20E-10 | 3172 | 1.24E-10 |
| 2052 | 2.15E-10 | 2154 | 2.00E-10 | 2256 | 1.72E-10 | 2358 | 1.45E-10 | 2460 | 1.51E-10 | 2562 | 1.42E-10 | 2664 | 1.43E-10 | 2766 | 1.31E-10 | 2868 | 1.27E-10 | 2970 | 1.20E-10 | 3072 | 1.21E-10 | 3174 | 1.25E-10 |
| 2054 | 2.28E-10 | 2156 | 2.05E-10 | 2258 | 1.75E-10 | 2360 | 1.47E-10 | 2462 | 1.48E-10 | 2564 | 1.40E-10 | 2666 | 1.33E-10 | 2768 | 1.27E-10 | 2870 | 1.23E-10 | 2972 | 1.20E-10 | 3074 | 1.19E-10 | 3176 | 1.25E-10 |
| 2056 | 2.51E-10 | 2158 | 2.19E-10 | 2260 | 1.64E-10 | 2362 | 1.48E-10 | 2464 | 1.44E-10 | 2566 | 1.35E-10 | 2668 | 1.34E-10 | 2770 | 1.27E-10 | 2872 | 1.24E-10 | 2974 | 1.22E-10 | 3076 | 1.16E-10 | 3178 | 1.28E-10 |
| 2058 | 2.18E-10 | 2160 | 2.23E-10 | 2262 | 1.54E-10 | 2364 | 1.40E-10 | 2466 | 1.44E-10 | 2568 | 1.41E-10 | 2670 | 1.37E-10 | 2772 | 1.30E-10 | 2874 | 1.23E-10 | 2976 | 1.23E-10 | 3078 | 1.16E-10 | 3180 | 1.27E-10 |
| 2060 | 2.18E-10 | 2162 | 1.92E-10 | 2264 | 1.61E-10 | 2366 | 1.46E-10 | 2468 | 1.51E-10 | 2570 | 1.47E-10 | 2672 | 1.38E-10 | 2774 | 1.34E-10 | 2876 | 1.21E-10 | 2978 | 1.25E-10 | 3080 | 1.18E-10 | 3182 | 1.28E-10 |
| 2062 | 1.80E-10 | 2164 | 1.84E-10 | 2266 | 1.65E-10 | 2368 | 1.39E-10 | 2470 | 1.46E-10 | 2572 | 1.43E-10 | 2674 | 1.38E-10 | 2776 | 1.36E-10 | 2878 | 1.22E-10 | 2980 | 1.26E-10 | 3082 | 1.19E-10 | 3184 | 1.32E-10 |
| 2064 | 1.95E-10 | 2166 | 1.82E-10 | 2268 | 1.60E-10 | 2370 | 1.36E-10 | 2472 | 1.42E-10 | 2574 | 1.39E-10 | 2676 | 1.39E-10 | 2778 | 1.34E-10 | 2880 | 1.23E-10 | 2982 | 1.27E-10 | 3084 | 1.22E-10 | 3186 | 1.34E-10 |
| 2066 | 2.15E-10 | 2168 | 1.80E-10 | 2270 | 1.61E-10 | 2372 | 1.43E-10 | 2474 | 1.43E-10 | 2576 | 1.42E-10 | 2678 | 1.43E-10 | 2780 | 1.29E-10 | 2882 | 1.24E-10 | 2984 | 1.28E-10 | 3086 | 1.25E-10 | 3188 | 1.39E-10 |
| 2068 | 2.04E-10 | 2170 | 1.85E-10 | 2272 | 1.62E-10 | 2374 | 1.39E-10 | 2476 | 1.43E-10 | 2578 | 1.41E-10 | 2680 | 1.43E-10 | 2782 | 1.29E-10 | 2884 | 1.27E-10 | 2986 | 1.27E-10 | 3088 | 1.26E-10 | 3190 | 1.43E-10 |
| 2070 | 2.14E-10 | 2172 | 1.81E-10 | 2274 | 1.71E-10 | 2376 | 1.43E-10 | 2478 | 1.45E-10 | 2580 | 1.40E-10 | 2682 | 1.39E-10 | 2784 | 1.29E-10 | 2886 | 1.32E-10 | 2988 | 1.25E-10 | 3090 | 1.24E-10 | 3192 | 1.38E-10 |
| 2072 | 2.18E-10 | 2174 | 1.78E-10 | 2276 | 1.72E-10 | 2378 | 1.39E-10 | 2480 | 1.46E-10 | 2582 | 1.41E-10 | 2684 | 1.37E-10 | 2786 | 1.31E-10 | 2888 | 1.32E-10 | 2990 | 1.24E-10 | 3092 | 1.21E-10 | 3194 | 1.32E-10 |
| 2074 | 2.23E-10 | 2176 | 1.85E-10 | 2278 | 1.69E-10 | 2380 | 1.41E-10 | 2482 | 1.41E-10 | 2584 | 1.41E-10 | 2686 | 1.41E-10 | 2788 | 1.34E-10 | 2890 | 1.26E-10 | 2992 | 1.24E-10 | 3094 | 1.22E-10 | 3196 | 1.30E-10 |
| 2076 | 2.42E-10 | 2178 | 1.64E-10 | 2280 | 1.65E-10 | 2382 | 1.36E-10 | 2484 | 1.48E-10 | 2586 | 1.41E-10 | 2688 | 1.39E-10 | 2790 | 1.33E-10 | 2892 | 1.25E-10 | 2994 | 1.25E-10 | 3096 | 1.26E-10 | 3198 | 1.29E-10 |


HD 222173 B8 V
V=4.29 (B-V)=-0.10 E(B-V)=0.01
LAP: LWP 13557
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 26571 B9 III V=8.09 (B-V)=0.19 E(B-V)=0.27**

**LAP: SWP 32996**

| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 1.36E-12 | 1222 | 8.13E-13 | 1292 | 6.20E-12 | 1362 | 9.95E-12 | 1432 | 1.14E-11 | 1502 | 1.51E-11 | 1572 | 1.50E-11 | 1642 | 1.53E-11 | 1712 | 1.44E-11 | 1782 | 1.35E-11 | 1852 | 1.24E-11 | 1922 | 9.83E-12 |
| 1154 | 2.35E-12 | 1224 | 1.03E-12 | 1294 | 5.86E-12 | 1364 | 9.60E-12 | 1434 | 1.19E-11 | 1504 | 1.48E-11 | 1574 | 1.51E-11 | 1644 | 1.51E-11 | 1714 | 1.43E-11 | 1784 | 1.34E-11 | 1854 | 1.27E-11 | 1924 | |
| 1156 | 2.28E-12 | 1226 | 1.65E-12 | 1296 | 5.56E-12 | 1366 | 9.69E-12 | 1436 | 1.17E-11 | 1506 | 1.44E-11 | 1576 | 1.56E-11 | 1646 | 1.54E-11 | 1716 | 1.44E-11 | 1786 | 1.34E-11 | 1856 | 1.27E-11 | 1926 | |
| 1158 | 2.98E-12 | 1228 | 1.85E-12 | 1298 | 5.14E-12 | 1368 | 9.64E-12 | 1438 | 1.26E-11 | 1508 | 1.30E-11 | 1578 | 1.58E-11 | 1648 | 1.53E-11 | 1718 | 1.39E-11 | 1788 | 1.36E-11 | 1858 | 1.26E-11 | 1928 | 9.57E-12 |
| 1160 | 2.92E-12 | 1230 | 2.13E-12 | 1300 | 4.59E-12 | 1370 | 1.01E-11 | 1440 | 1.31E-11 | 1510 | 1.33E-11 | 1580 | 1.56E-11 | 1650 | 1.60E-11 | 1720 | 1.33E-11 | 1790 | 1.38E-11 | 1860 | 1.25E-11 | 1930 | 1.02E-11 |
| 1162 | 3.51E-12 | 1232 | 2.65E-12 | 1302 | 3.89E-12 | 1372 | 1.01E-11 | 1442 | 1.36E-11 | 1512 | 1.41E-11 | 1582 | 1.55E-11 | 1652 | 1.51E-11 | 1722 | 1.29E-11 | 1792 | | 1862 | 1.24E-11 | 1932 | 1.05E-11 |
| 1164 | 2.51E-12 | 1234 | 2.86E-12 | 1304 | 3.98E-12 | 1374 | 1.03E-11 | 1444 | 1.28E-11 | 1514 | 1.44E-11 | 1584 | 1.58E-11 | 1654 | 1.43E-11 | 1724 | 1.29E-11 | 1794 | | 1864 | 1.22E-11 | 1934 | 1.07E-11 |
| 1166 | 1.96E-12 | 1236 | 3.43E-12 | 1306 | 3.96E-12 | 1376 | 1.02E-11 | 1446 | 1.30E-11 | 1516 | 1.45E-11 | 1586 | 1.56E-11 | 1656 | 1.41E-11 | 1726 | 1.35E-11 | 1796 | | 1866 | 1.22E-11 | 1936 | 1.05E-11 |
| 1168 | 1.64E-12 | 1238 | 4.08E-12 | 1308 | 4.81E-12 | 1378 | 1.04E-11 | 1448 | 1.38E-11 | 1518 | 1.44E-11 | 1588 | 1.61E-11 | 1658 | 1.46E-11 | 1728 | 1.39E-11 | 1798 | 1.45E-11 | 1868 | 1.21E-11 | 1938 | 1.02E-11 |
| 1170 | 2.11E-12 | 1240 | 5.12E-12 | 1310 | 6.33E-12 | 1380 | 1.03E-11 | 1450 | 1.44E-11 | 1520 | 1.53E-11 | 1590 | 1.65E-11 | 1660 | 1.48E-11 | 1730 | 1.34E-11 | 1800 | 1.43E-11 | 1870 | 1.22E-11 | 1940 | 1.03E-11 |
| 1172 | 1.82E-12 | 1242 | 5.09E-12 | 1312 | 8.09E-12 | 1382 | 1.04E-11 | 1452 | 1.41E-11 | 1522 | 1.52E-11 | 1592 | 1.60E-11 | 1662 | | 1732 | 1.35E-11 | 1802 | 1.42E-11 | 1872 | 1.22E-11 | 1942 | 1.05E-11 |
| 1174 | 1.92E-12 | 1244 | 5.24E-12 | 1314 | 9.56E-12 | 1384 | 1.05E-11 | 1454 | 1.46E-11 | 1524 | 1.39E-11 | 1594 | 1.61E-11 | 1664 | | 1734 | 1.39E-11 | 1804 | 1.39E-11 | 1874 | 1.23E-11 | 1944 | 1.05E-11 |
| 1176 | 2.15E-12 | 1246 | 4.98E-12 | 1316 | 9.86E-12 | 1386 | 1.02E-11 | 1456 | 1.50E-11 | 1526 | 1.25E-11 | 1596 | 1.60E-11 | 1666 | 1.55E-11 | 1736 | 1.44E-11 | 1806 | 1.36E-11 | 1876 | 1.22E-11 | 1946 | 1.03E-11 |
| 1178 | 2.32E-12 | 1248 | 5.07E-12 | 1318 | 9.33E-12 | 1388 | 1.05E-11 | 1458 | 1.48E-11 | 1528 | 1.34E-11 | 1598 | 1.55E-11 | 1668 | 1.51E-11 | 1738 | 1.47E-11 | 1808 | 1.38E-11 | 1878 | 1.19E-11 | 1948 | 1.01E-11 |
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| 1182 | 2.75E-12 | 1252 | 5.75E-12 | 1322 | 9.19E-12 | 1392 | 9.36E-12 | 1462 | 1.48E-11 | 1532 | 1.23E-11 | 1602 | 1.45E-11 | 1672 | 1.54E-11 | 1742 | 1.38E-11 | 1812 | 1.41E-11 | 1882 | 1.15E-11 | 1952 | 1.01E-11 |
| 1184 | 2.26E-12 | 1254 | 5.48E-12 | 1324 | 8.78E-12 | 1394 | 9.90E-12 | 1464 | 1.40E-11 | 1534 | 1.29E-11 | 1604 | 1.51E-11 | 1674 | 1.52E-11 | 1744 | 1.41E-11 | 1814 | 1.39E-11 | 1884 | 1.13E-11 | 1954 | 9.91E-12 |
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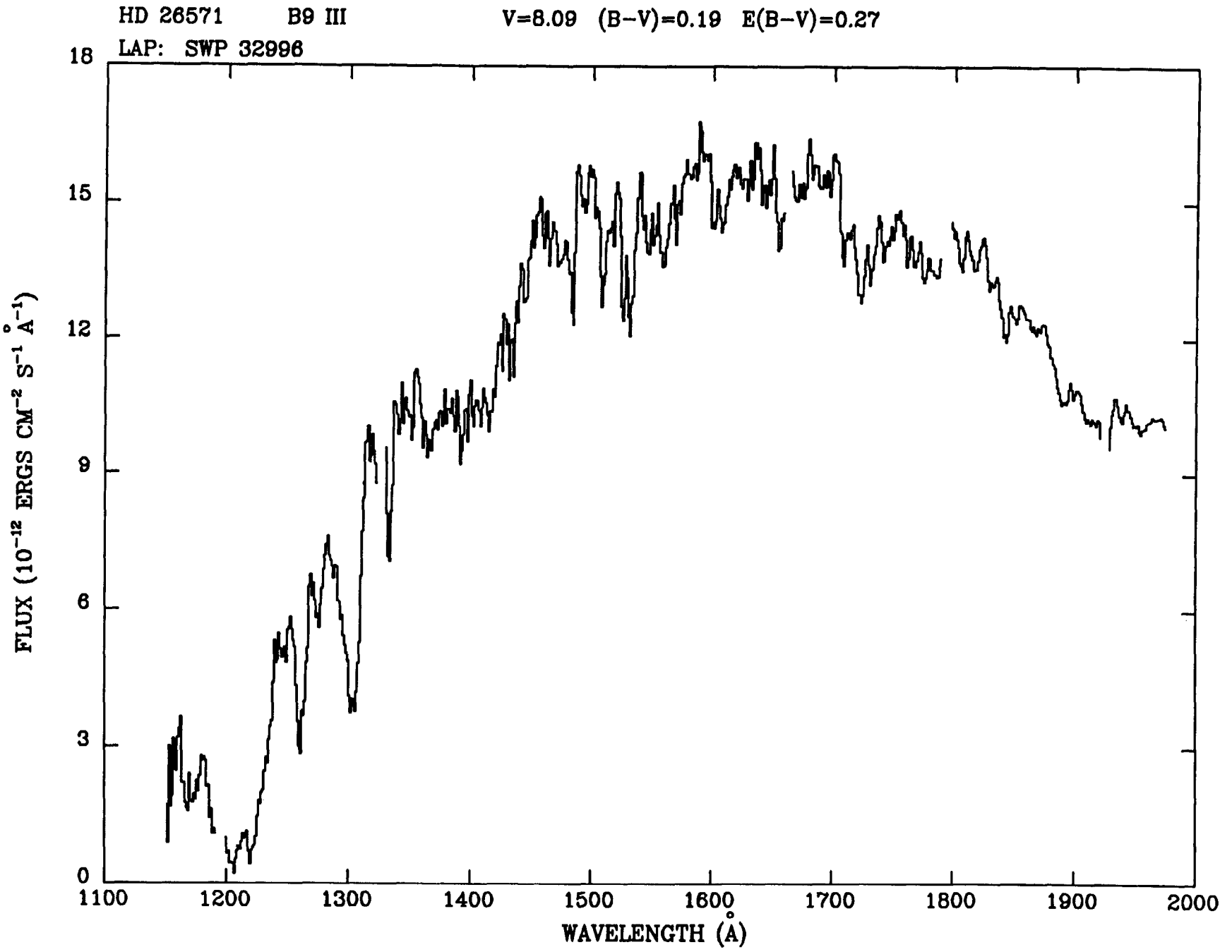
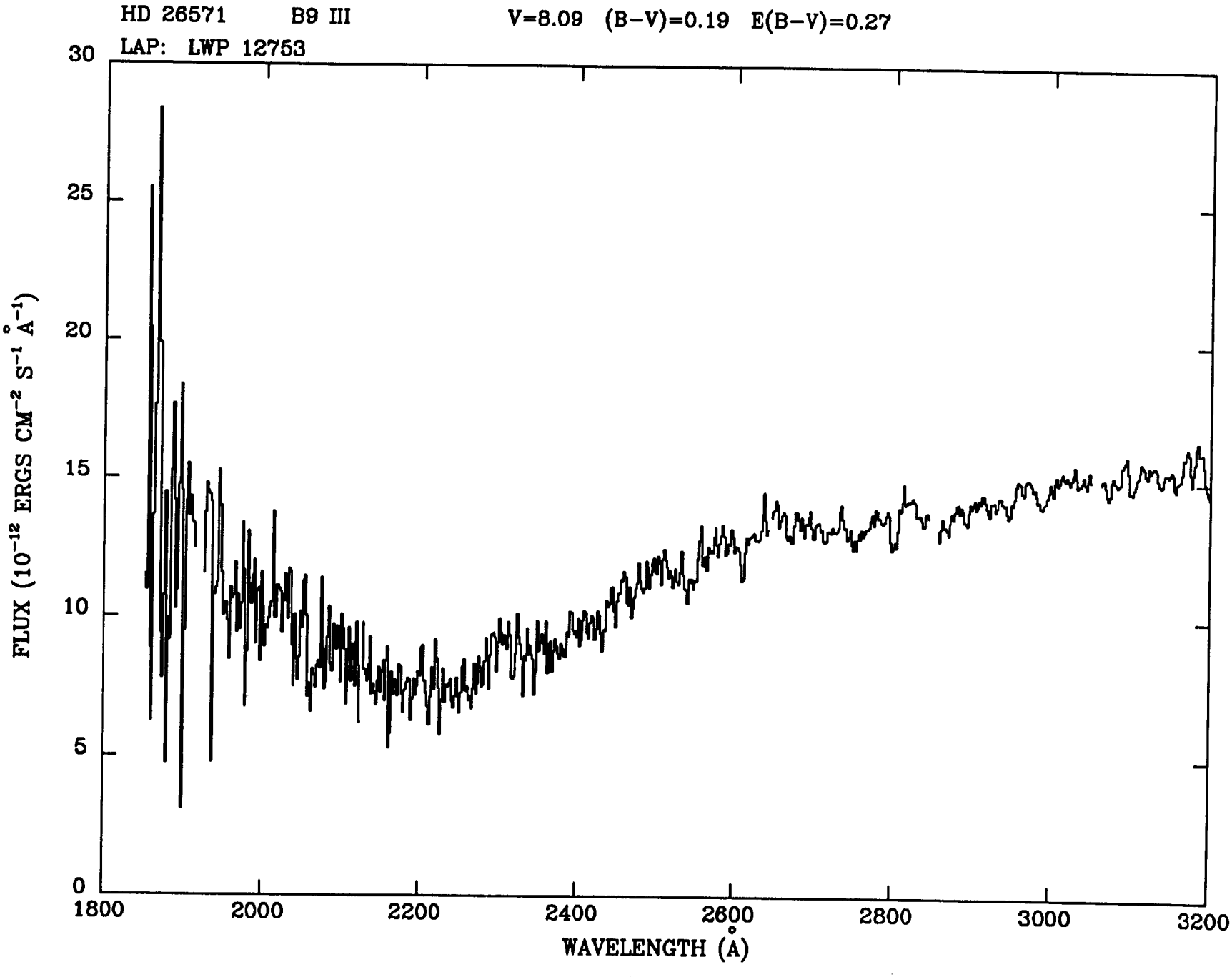
| 1188 | 1.42E-12 | 1258 | 3.89E-12 | 1328 | | 1398 | 1.01E-11 | 1468 | 1.45E-11 | 1538 | 1.51E-11 | 1608 | 1.44E-11 | 1678 | 1.58E-11 | 1748 | 1.44E-11 | 1818 | 1.35E-11 | 1888 | 1.07E-11 | 1958 | 1.00E-11 |
| 1190 | 1.16E-12 | 1260 | 2.96E-12 | 1330 | 9.56E-12 | 1400 | 1.08E-11 | 1470 | 1.43E-11 | 1540 | 1.57E-11 | 1610 | 1.46E-11 | 1680 | 1.63E-11 | 1750 | 1.43E-11 | 1820 | 1.37E-11 | 1890 | 1.06E-11 | 1960 | 1.02E-11 |
| 1192 | 1.10E-12 | 1262 | 3.58E-12 | 1332 | 7.75E-12 | 1402 | 1.02E-11 | 1472 | 1.37E-11 | 1542 | 1.46E-11 | 1612 | 1.51E-11 | 1682 | 1.56E-11 | 1752 | 1.47E-11 | 1822 | 1.40E-11 | 1892 | 1.06E-11 | 1962 | 1.02E-11 |
| 1194 | | 1264 | 4.00E-12 | 1334 | 7.43E-12 | 1404 | 1.06E-11 | 1474 | 1.37E-11 | 1544 | 1.45E-11 | 1614 | 1.54E-11 | 1684 | 1.58E-11 | 1754 | 1.47E-11 | 1824 | 1.42E-11 | 1894 | 1.07E-11 | 1964 | 1.03E-11 |
| 1196 | | 1266 | 5.02E-12 | 1336 | 8.76E-12 | 1406 | 1.06E-11 | 1476 | 1.38E-11 | 1546 | 1.40E-11 | 1616 | 1.56E-11 | 1686 | 1.58E-11 | 1756 | 1.46E-11 | 1826 | 1.40E-11 | 1896 | 1.10E-11 | 1966 | 1.02E-11 |
| 1198 | | 1268 | 6.46E-12 | 1338 | 1.06E-11 | 1408 | 1.02E-11 | 1478 | 1.41E-11 | 1548 | 1.41E-11 | 1618 | 1.58E-11 | 1688 | 1.54E-11 | 1758 | 1.44E-11 | 1828 | 1.34E-11 | 1898 | 1.09E-11 | 1968 | 1.03E-11 |
| 1200 | 8.35E-13 | 1270 | 6.48E-12 | 1340 | 1.02E-11 | 1410 | 1.07E-11 | 1480 | 1.38E-11 | 1550 | 1.45E-11 | 1620 | 1.56E-11 | 1690 | 1.54E-11 | 1760 | 1.41E-11 | 1830 | 1.32E-11 | 1900 | 1.08E-11 | 1970 | 1.03E-11 |
| 1202 | 6.18E-13 | 1272 | 6.40E-12 | 1342 | 1.02E-11 | 1412 | 1.07E-11 | 1482 | 1.34E-11 | 1552 | 1.42E-11 | 1622 | 1.57E-11 | 1692 | 1.56E-11 | 1762 | 1.38E-11 | 1832 | 1.32E-11 | 1902 | 1.09E-11 | 1972 | 1.02E-11 |
| 1204 | 4.56E-13 | 1274 | 5.90E-12 | 1344 | 1.06E-11 | 1414 | 1.03E-11 | 1484 | 1.26E-11 | 1554 | 1.48E-11 | 1624 | 1.54E-11 | 1694 | 1.55E-11 | 1764 | 1.43E-11 | 1834 | 1.33E-11 | 1904 | 1.08E-11 | 1974 | 1.01E-11 |
| 1206 | 3.10E-13 | 1276 | 5.77E-12 | 1346 | 1.06E-11 | 1416 | 1.02E-11 | 1486 | 1.39E-11 | 1556 | 1.42E-11 | 1626 | 1.55E-11 | 1696 | 1.56E-11 | 1766 | 1.38E-11 | 1836 | 1.33E-11 | 1906 | 1.06E-11 | | |
| 1208 | 6.12E-13 | 1278 | 6.33E-12 | 1348 | 1.04E-11 | 1418 | 1.06E-11 | 1488 | 1.58E-11 | 1558 | 1.38E-11 | 1628 | 1.53E-11 | 1698 | 1.54E-11 | 1768 | 1.36E-11 | 1838 | 1.28E-11 | 1908 | 1.03E-11 | | |
| 1210 | 7.92E-13 | 1280 | 7.02E-12 | 1350 | 1.03E-11 | 1420 | 1.09E-11 | 1490 | 1.54E-11 | 1560 | 1.36E-11 | 1630 | 1.54E-11 | 1700 | 1.61E-11 | 1770 | 1.39E-11 | 1840 | 1.24E-11 | 1910 | 1.02E-11 | | |
| 1212 | 8.62E-13 | 1282 | 7.43E-12 | 1352 | 9.84E-12 | 1422 | 1.17E-11 | 1492 | 1.50E-11 | 1562 | 1.41E-11 | 1632 | 1.56E-11 | 1702 | 1.60E-11 | 1772 | 1.41E-11 | 1842 | 1.21E-11 | 1912 | 1.02E-11 | | |
| 1214 | 1.06E-12 | 1284 | 7.37E-12 | 1354 | 1.10E-11 | 1424 | 1.19E-11 | 1494 | 1.49E-11 | 1564 | 1.46E-11 | 1634 | 1.58E-11 | 1704 | 1.58E-11 | 1774 | 1.34E-11 | 1844 | 1.20E-11 | 1914 | 1.02E-11 | | |
| 1216 | 1.08E-12 | 1286 | 7.03E-12 | 1356 | 1.12E-11 | 1426 | 1.18E-11 | 1496 | 1.53E-11 | 1566 | 1.50E-11 | 1636 | 1.62E-11 | 1706 | 1.44E-11 | 1776 | 1.33E-11 | 1846 | 1.25E-11 | 1916 | 1.02E-11 | | |
| 1218 | 8.16E-13 | 1288 | 6.81E-12 | 1358 | 1.08E-11 | 1428 | 1.24E-11 | 1498 | 1.57E-11 | 1568 | 1.50E-11 | 1638 | 1.61E-11 | 1708 | 1.38E-11 | 1778 | 1.37E-11 | 1848 | 1.26E-11 | 1918 | 1.01E-11 | | |
| 1220 | 5.91E-13 | 1290 | 6.89E-12 | 1360 | 1.01E-11 | 1430 | 1.21E-11 | 1500 | 1.57E-11 | 1570 | 1.44E-11 | 1640 | 1.53E-11 | 1710 | 1.40E-11 | 1780 | 1.37E-11 | 1850 | 1.25E-11 | 1920 | 1.02E-11 | | |


HD 26571 B9 III V=8.09 (B-V)=0.19 E(B-V)=0.27
LAP: SWP 32996
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
18
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

HD 26571 B9 III V=8.09 (B-V)=0.19 E(B-V)=0.27

LAP: LWP 12753

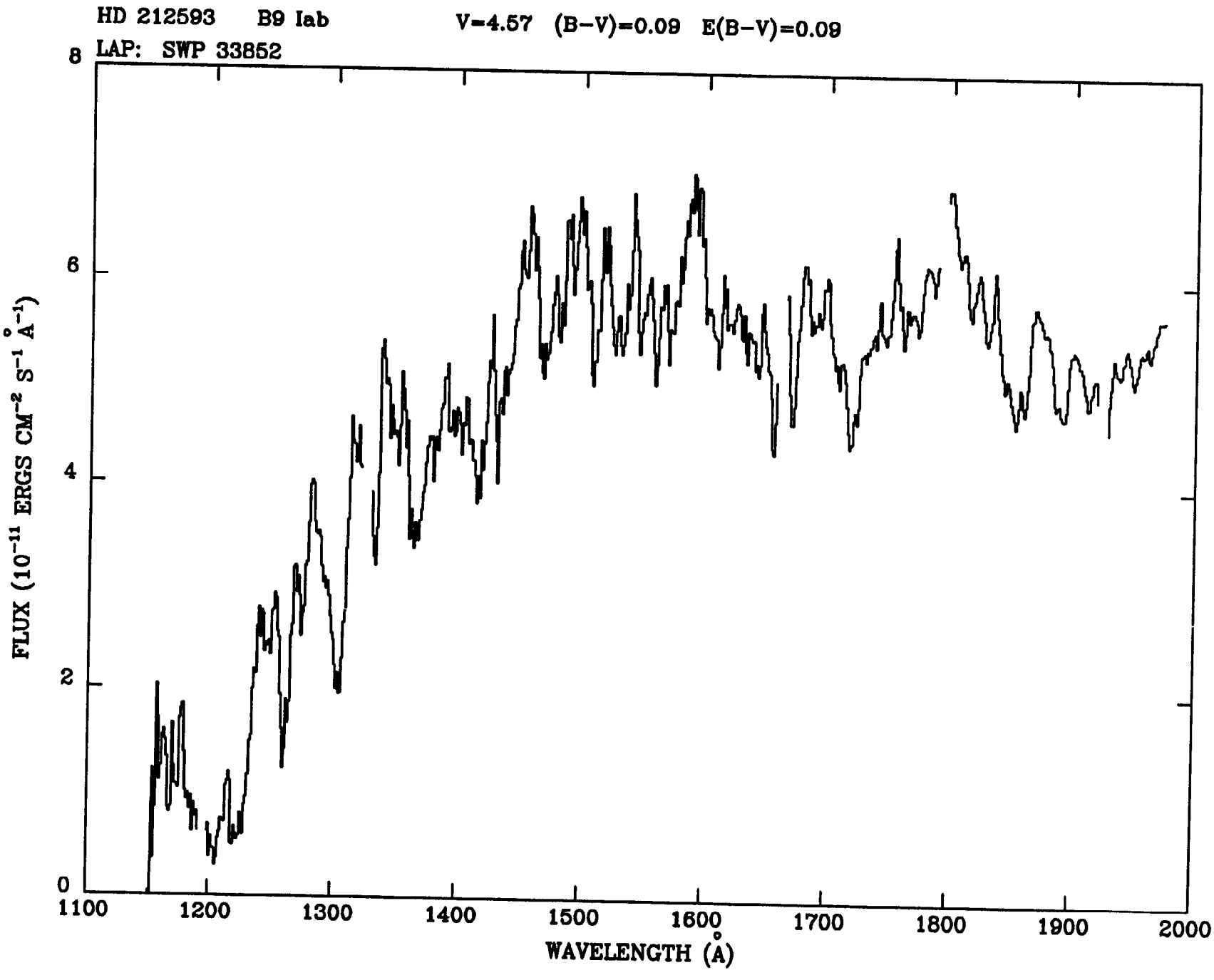
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.24E-11 | 2078 | 8.13E-12 | 2180 | 6.63E-12 | 2282 | 8.07E-12 | 2384 | 8.62E-12 | 2486 | 1.10E-11 | 2588 | 1.28E-11 | 2690 | 1.34E-11 | 2792 | 1.38E-11 | 2894 | 1.34E-11 | 2996 | 1.46E-11 | 3098 | 1.47E-11 |
| 1978 | 8.49E-12 | 2080 | 7.55E-12 | 2182 | 7.42E-12 | 2284 | 8.94E-12 | 2386 | 8.81E-12 | 2488 | 1.18E-11 | 2590 | 1.23E-11 | 2692 | 1.34E-11 | 2794 | 1.38E-11 | 2896 | 1.39E-11 | 2998 | 1.48E-11 | 3100 | 1.47E-11 |
| 1980 | 8.14E-12 | 2082 | 8.70E-12 | 2184 | 7.67E-12 | 2286 | 8.66E-12 | 2388 | 9.43E-12 | 2490 | 1.19E-11 | 2592 | 1.25E-11 | 2694 | 1.37E-11 | 2796 | 1.33E-11 | 2898 | 1.42E-11 | 3000 | 1.49E-11 | 3102 | 1.47E-11 |
| 1982 | 1.20E-11 | 2084 | 1.00E-11 | 2186 | 7.79E-12 | 2288 | 7.64E-12 | 2390 | 9.64E-12 | 2492 | 1.12E-11 | 2594 | 1.27E-11 | 2696 | 1.39E-11 | 2798 | 1.26E-11 | 2900 | 1.41E-11 | 3002 | 1.46E-11 | 3104 | 1.49E-11 |
| 1984 | 1.14E-11 | 2086 | 8.79E-12 | 2188 | 7.26E-12 | 2290 | 8.46E-12 | 2392 | 1.02E-11 | 2494 | 1.16E-11 | 2596 | 1.30E-11 | 2698 | 1.32E-11 | 2800 | 1.26E-11 | 2902 | 1.42E-11 | 3004 | 1.49E-11 | 3106 | 1.51E-11 |
| 1986 | 1.05E-11 | 2088 | 8.09E-12 | 2190 | 6.61E-12 | 2292 | 9.34E-12 | 2394 | 9.86E-12 | 2496 | 1.20E-11 | 2598 | 1.31E-11 | 2700 | 1.29E-11 | 2802 | 1.28E-11 | 2904 | 1.42E-11 | 3006 | 1.52E-11 | 3108 | 1.52E-11 |
| 1988 | 1.14E-11 | 2090 | 9.48E-12 | 2192 | 7.38E-12 | 2294 | 9.42E-12 | 2396 | 9.46E-12 | 2498 | 1.21E-11 | 2600 | 1.26E-11 | 2702 | 1.30E-11 | 2804 | 1.27E-11 | 2906 | 1.40E-11 | 3008 | 1.50E-11 | 3110 | 1.54E-11 |
| 1990 | 1.17E-11 | 2092 | 9.41E-12 | 2194 | 7.46E-12 | 2296 | 9.15E-12 | 2398 | 9.48E-12 | 2500 | 1.17E-11 | 2602 | 1.25E-11 | 2704 | 1.34E-11 | 2806 | 1.31E-11 | 2908 | 1.42E-11 | 3010 | 1.50E-11 | 3112 | 1.56E-11 |
| 1992 | 9.31E-12 | 2094 | 8.85E-12 | 2196 | 7.38E-12 | 2298 | 8.22E-12 | 2400 | 9.36E-12 | 2502 | 1.18E-11 | 2604 | 1.26E-11 | 2706 | 1.35E-11 | 2808 | 1.40E-11 | 2910 | 1.43E-11 | 3012 | 1.53E-11 | 3114 | 1.57E-11 |
| 1994 | 1.09E-11 | 2096 | 9.56E-12 | 2198 | 7.85E-12 | 2300 | 9.31E-12 | 2402 | 9.80E-12 | 2504 | 1.21E-11 | 2606 | 1.25E-11 | 2708 | 1.33E-11 | 2810 | 1.40E-11 | 2912 | 1.44E-11 | 3014 | 1.53E-11 | 3116 | 1.56E-11 |
| 1996 | 1.02E-11 | 2098 | 8.66E-12 | 2200 | 7.92E-12 | 2302 | 9.80E-12 | 2404 | 9.14E-12 | 2506 | 1.17E-11 | 2608 | 1.20E-11 | 2710 | 1.32E-11 | 2812 | 1.43E-11 | 2914 | 1.45E-11 | 3016 | 1.52E-11 | 3118 | 1.54E-11 |
| 1998 | 9.51E-12 | 2100 | 8.26E-12 | 2202 | 8.69E-12 | 2304 | 9.31E-12 | 2406 | 9.17E-12 | 2508 | 1.16E-11 | 2610 | 1.14E-11 | 2712 | 1.30E-11 | 2814 | 1.48E-11 | 2916 | 1.44E-11 | 3018 | 1.51E-11 | 3120 | 1.53E-11 |
| 2000 | 1.09E-11 | 2102 | 9.90E-12 | 2204 | 8.95E-12 | 2306 | 9.16E-12 | 2408 | 9.89E-12 | 2510 | 1.23E-11 | 2612 | 1.16E-11 | 2714 | 1.28E-11 | 2816 | 1.42E-11 | 2918 | 1.41E-11 | 3020 | 1.52E-11 | 3122 | 1.56E-11 |
| 2002 | 9.14E-12 | 2104 | 9.27E-12 | 2206 | 7.77E-12 | 2308 | 9.20E-12 | 2410 | 1.02E-11 | 2512 | 1.23E-11 | 2614 | 1.25E-11 | 2716 | 1.28E-11 | 2818 | 1.42E-11 | 2920 | 1.39E-11 | 3022 | 1.50E-11 | 3124 | 1.54E-11 |
| 2004 | 9.58E-12 | 2106 | 7.94E-12 | 2208 | 7.25E-12 | 2310 | 8.94E-12 | 2412 | 1.01E-11 | 2514 | 1.19E-11 | 2616 | 1.29E-11 | 2718 | 1.31E-11 | 2820 | 1.43E-11 | 2922 | 1.38E-11 | 3024 | 1.50E-11 | 3126 | 1.56E-11 |
| 2006 | 9.57E-12 | 2108 | 7.75E-12 | 2210 | 6.74E-12 | 2312 | 9.48E-12 | 2414 | 9.41E-12 | 2516 | 1.15E-11 | 2618 | 1.28E-11 | 2720 | 1.32E-11 | 2822 | 1.43E-11 | 2924 | 1.42E-11 | 3026 | 1.52E-11 | 3128 | 1.56E-11 |
| 2008 | 9.95E-12 | 2110 | 9.14E-12 | 2212 | 6.31E-12 | 2314 | 9.49E-12 | 2416 | 9.44E-12 | 2518 | 1.17E-11 | 2620 | 1.29E-11 | 2722 | 1.31E-11 | 2824 | 1.43E-11 | 2926 | 1.42E-11 | 3028 | 1.55E-11 | 3130 | 1.56E-11 |
| 2010 | 1.04E-11 | 2112 | 8.35E-12 | 2214 | 7.41E-12 | 2316 | 8.21E-12 | 2418 | 9.91E-12 | 2520 | 1.16E-11 | 2622 | 1.30E-11 | 2724 | 1.33E-11 | 2826 | 1.43E-11 | 2928 | 1.42E-11 | 3030 | 1.54E-11 | 3132 | 1.54E-11 |
| 2012 | 1.12E-11 | 2114 | 8.68E-12 | 2216 | 8.02E-12 | 2318 | 7.79E-12 | 2420 | 1.00E-11 | 2522 | 1.11E-11 | 2624 | 1.31E-11 | 2726 | 1.31E-11 | 2828 | 1.42E-11 | 2930 | 1.40E-11 | 3032 | 1.50E-11 | 3134 | 1.51E-11 |
| 2014 | 1.28E-11 | 2116 | 9.02E-12 | 2218 | 7.56E-12 | 2320 | 7.88E-12 | 2422 | 9.60E-12 | 2524 | 1.14E-11 | 2626 | 1.29E-11 | 2728 | 1.31E-11 | 2830 | 1.39E-11 | 2932 | 1.42E-11 | 3034 | 1.49E-11 | 3136 | 1.49E-11 |
| 2016 | 9.97E-12 | 2118 | 7.74E-12 | 2220 | 8.20E-12 | 2322 | 8.74E-12 | 2424 | 9.42E-12 | 2526 | 1.17E-11 | 2628 | 1.28E-11 | 2730 | 1.32E-11 | 2832 | 1.37E-11 | 2934 | 1.44E-11 | 3036 | 1.49E-11 | 3138 | 1.49E-11 |
| 2018 | 1.04E-11 | 2120 | 9.66E-12 | 2222 | 8.84E-12 | 2324 | 1.00E-11 | 2426 | 9.97E-12 | 2528 | 1.13E-11 | 2630 | 1.20E-11 | 2732 | 1.35E-11 | 2834 | 1.38E-11 | 2936 | 1.44E-11 | 3038 | 1.50E-11 | 3140 | 1.51E-11 |
| 2020 | 1.11E-11 | 2122 | 8.15E-12 | 2224 | 7.94E-12 | 2326 | 9.26E-12 | 2428 | 1.01E-11 | 2530 | 1.13E-11 | 2632 | 1.29E-11 | 2734 | 1.40E-11 | 2836 | 1.36E-11 | 2938 | 1.43E-11 | 3040 | 1.52E-11 | 3142 | 1.53E-11 |
| 2022 | 1.09E-11 | 2124 | 6.23E-12 | 2226 | 6.38E-12 | 2328 | 8.90E-12 | 2430 | 9.60E-12 | 2532 | 1.19E-11 | 2634 | 1.31E-11 | 2736 | 1.39E-11 | 2838 | 1.34E-11 | 2940 | 1.42E-11 | 3042 | 1.50E-11 | 3144 | 1.54E-11 |
| 2024 | 1.00E-11 | 2126 | | 2228 | 6.64E-12 | 2330 | 8.11E-12 | 2432 | 8.93E-12 | 2534 | 1.21E-11 | 2636 | 1.37E-11 | 2738 | 1.35E-11 | 2840 | 1.34E-11 | 2942 | 1.42E-11 | 3044 | 1.49E-11 | 3146 | 1.53E-11 |
| 2026 | 1.03E-11 | 2128 | 9.36E-12 | 2230 | 7.85E-12 | 2332 | 7.69E-12 | 2434 | 9.45E-12 | 2536 | 1.13E-11 | 2638 | 1.44E-11 | 2740 | 1.33E-11 | 2842 | 1.38E-11 | 2944 | 1.40E-11 | 3046 | 1.52E-11 | 3148 | 1.54E-11 |
| 2028 | 1.13E-11 | 2130 | 8.05E-12 | 2232 | 7.14E-12 | 2334 | 8.55E-12 | 2436 | 9.54E-12 | 2538 | 1.10E-11 | 2640 | 1.35E-11 | 2742 | 1.30E-11 | 2844 | 1.38E-11 | 2946 | 1.38E-11 | 3048 | 1.53E-11 | 3150 | 1.55E-11 |
| 2030 | 1.07E-11 | 2132 | 7.84E-12 | 2234 | 7.50E-12 | 2336 | 9.02E-12 | 2438 | 1.06E-11 | 2540 | 1.07E-11 | 2642 | 1.31E-11 | 2744 | 1.30E-11 | 2846 | 1.37E-11 | 2948 | 1.38E-11 | 3050 | 1.51E-11 | 3152 | 1.54E-11 |
| 2032 | 1.00E-11 | 2134 | 7.94E-12 | 2236 | 7.52E-12 | 2338 | 9.08E-12 | 2440 | 1.04E-11 | 2542 | 1.11E-11 | 2644 | 1.32E-11 | 2746 | 1.32E-11 | 2848 | | 2950 | 1.42E-11 | 3052 | | 3154 | 1.49E-11 |
| 2034 | 1.16E-11 | 2136 | 8.75E-12 | 2238 | 7.66E-12 | 2340 | 8.87E-12 | 2442 | 1.06E-11 | 2544 | 1.13E-11 | 2646 | | 2748 | 1.28E-11 | 2850 | | 2952 | 1.42E-11 | 3054 | | 3156 | 1.48E-11 |
| 2036 | 1.15E-11 | 2138 | 8.15E-12 | 2240 | 7.66E-12 | 2342 | 8.79E-12 | 2444 | 1.11E-11 | 2546 | 1.14E-11 | 2648 | 1.37E-11 | 2750 | 1.25E-11 | 2852 | | 2954 | 1.44E-11 | 3056 | | 3158 | 1.51E-11 |
| 2038 | 8.74E-12 | 2140 | 7.47E-12 | 2242 | 6.93E-12 | 2344 | 8.54E-12 | 2446 | 1.08E-11 | 2548 | 1.11E-11 | 2650 | 1.39E-11 | 2752 | 1.28E-11 | 2854 | | 2956 | 1.49E-11 | 3058 | | 3160 | 1.51E-11 |
| 2040 | 8.02E-12 | 2142 | 7.36E-12 | 2244 | 6.88E-12 | 2346 | 7.49E-12 | 2448 | 1.00E-11 | 2550 | 1.14E-11 | 2652 | 1.41E-11 | 2754 | 1.26E-11 | 2856 | 1.33E-11 | 2958 | 1.50E-11 | 3060 | | 3162 | 1.52E-11 |
| 2042 | 9.67E-12 | 2144 | 6.96E-12 | 2246 | 7.40E-12 | 2348 | 7.95E-12 | 2450 | 1.01E-11 | 2552 | 1.14E-11 | 2654 | 1.42E-11 | 2756 | 1.29E-11 | 2858 | 1.30E-11 | 2960 | 1.50E-11 | 3062 | 1.50E-11 | 3164 | 1.56E-11 |
| 2044 | 8.25E-12 | 2146 | 7.58E-12 | 2248 | 7.50E-12 | 2350 | 9.77E-12 | 2452 | 1.08E-11 | 2554 | 1.22E-11 | 2656 | 1.36E-11 | 2758 | 1.31E-11 | 2860 | 1.32E-11 | 2962 | 1.48E-11 | 3064 | 1.51E-11 | 3166 | 1.60E-11 |
| 2046 | 8.01E-12 | 2148 | 8.13E-12 | 2250 | 6.86E-12 | 2352 | 8.81E-12 | 2454 | 1.09E-11 | 2556 | 1.29E-11 | 2658 | 1.35E-11 | 2760 | 1.30E-11 | 2862 | 1.36E-11 | 2964 | 1.46E-11 | 3066 | 1.51E-11 | 3168 | 1.61E-11 |
| 2048 | 9.27E-12 | 2150 | 7.37E-12 | 2252 | 6.97E-12 | 2354 | 9.15E-12 | 2456 | 1.12E-11 | 2558 | 1.30E-11 | 2660 | 1.37E-11 | 2762 | 1.32E-11 | 2864 | 1.34E-11 | 2966 | 1.47E-11 | 3068 | 1.49E-11 | 3170 | 1.63E-11 |
| 2050 | 9.88E-12 | 2152 | 8.08E-12 | 2254 | 7.85E-12 | 2356 | 9.34E-12 | 2458 | 1.13E-11 | 2560 | 1.19E-11 | 2662 | 1.39E-11 | 2764 | 1.31E-11 | 2866 | 1.34E-11 | 2968 | 1.50E-11 | 3070 | 1.46E-11 | 3172 | 1.62E-11 |
| 2052 | 1.05E-11 | 2154 | 8.19E-12 | 2256 | 8.39E-12 | 2358 | 8.97E-12 | 2460 | 1.16E-11 | 2562 | 1.20E-11 | 2664 | 1.38E-11 | 2766 | 1.32E-11 | 2868 | 1.32E-11 | 2970 | 1.51E-11 | 3072 | 1.45E-11 | 3174 | 1.56E-11 |
| 2054 | 1.14E-11 | 2156 | 7.36E-12 | 2258 | 7.62E-12 | 2360 | 9.10E-12 | 2462 | 1.15E-11 | 2564 | 1.20E-11 | 2666 | 1.30E-11 | 2768 | 1.33E-11 | 2870 | 1.32E-11 | 2972 | 1.51E-11 | 3074 | 1.47E-11 | 3176 | 1.51E-11 |
| 2056 | 1.05E-11 | 2158 | 8.57E-12 | 2260 | 7.47E-12 | 2362 | 9.11E-12 | 2464 | 1.06E-11 | 2566 | 1.22E-11 | 2668 | 1.29E-11 | 2770 | 1.33E-11 | 2872 | 1.36E-11 | 2974 | 1.49E-11 | 3076 | 1.51E-11 | 3178 | 1.54E-11 |
| 2058 | 7.87E-12 | 2160 | 7.66E-12 | 2262 | 7.09E-12 | 2364 | 8.47E-12 | 2466 | 1.05E-11 | 2568 | 1.25E-11 | 2670 | 1.30E-11 | 2772 | 1.35E-11 | 2874 | 1.38E-11 | 2976 | 1.47E-11 | 3078 | 1.52E-11 | 3180 | 1.57E-11 |
| 2060 | 7.53E-12 | 2162 | 5.55E-12 | 2264 | 7.14E-12 | 2366 | 9.10E-12 | 2468 | 1.10E-11 | 2570 | 1.24E-11 | 2672 | 1.28E-11 | 2774 | 1.37E-11 | 2876 | 1.38E-11 | 2978 | 1.48E-11 | 3080 | 1.50E-11 | 3182 | 1.63E-11 |
| 2062 | 6.71E-12 | 2164 | 6.92E-12 | 2266 | 6.78E-12 | 2368 | 8.49E-12 | 2470 | 1.01E-11 | 2572 | 1.24E-11 | 2674 | 1.29E-11 | 2776 | 1.35E-11 | 2878 | 1.38E-11 | 2980 | 1.46E-11 | 3082 | 1.49E-11 | 3184 | 1.65E-11 |
| 2064 | 8.04E-12 | 2166 | 7.57E-12 | 2268 | 7.59E-12 | 2370 | 8.53E-12 | 2472 | 1.05E-11 | 2574 | 1.28E-11 | 2676 | 1.35E-11 | 2778 | 1.39E-11 | 2880 | 1.40E-11 | 2982 | 1.43E-11 | 3084 | 1.49E-11 | 3186 | 1.61E-11 |
| 2066 | 7.85E-12 | 2168 | 7.57E-12 | 2270 | 8.11E-12 | 2372 | 9.11E-12 | 2474 | 1.08E-11 | 2576 | 1.32E-11 | 2678 | 1.39E-11 | 2780 | 1.39E-11 | 2882 | 1.42E-11 | 2984 | 1.43E-11 | 3086 | 1.50E-11 | 3188 | 1.61E-11 |
| 2068 | 7.59E-12 | 2170 | 7.67E-12 | 2272 | 7.35E-12 | 2374 | 9.03E-12 | 2476 | 1.11E-11 | 2578 | 1.27E-11 | 2680 | 1.37E-11 | 2782 | 1.37E-11 | 2884 | 1.40E-11 | 2986 | 1.41E-11 | 3088 | 1.54E-11 | 3190 | 1.60E-11 |
| 2070 | 8.29E-12 | 2172 | 7.29E-12 | 2274 | 7.96E-12 | 2376 | 8.73E-12 | 2478 | 1.16E-11 | 2580 | 1.23E-11 | 2682 | 1.34E-11 | 2784 | 1.37E-11 | 2886 | 1.40E-11 | 2988 | 1.41E-11 | 3090 | 1.57E-11 | 3192 | 1.55E-11 |
| 2072 | 8.34E-12 | 2174 | 8.04E-12 | 2276 | 8.44E-12 | 2378 | 8.54E-12 | 2480 | 1.17E-11 | 2582 | 1.27E-11 | 2684 | 1.35E-11 | 2786 | 1.35E-11 | 2888 | 1.40E-11 | 2990 | 1.42E-11 | 3092 | 1.58E-11 | 3194 | 1.50E-11 |
| 2074 | 9.29E-12 | 2176 | 8.22E-12 | 2278 | 7.90E-12 | 2380 | 9.06E-12 | 2482 | 1.12E-11 | 2584 | 1.31E-11 | 2686 | 1.35E-11 | 2788 | 1.35E-11 | 2890 | 1.37E-11 | 2992 | 1.43E-11 | 3094 | 1.60E-11 | 3196 | 1.48E-11 |
| 2076 | 1.02E-11 | 2178 | 7.27E-12 | 2280 | 7.54E-12 | 2382 | 8.88E-12 | 2484 | 1.10E-11 | 2586 | 1.33E-11 | 2688 | 1.31E-11 | 2790 | 1.36E-11 | 2892 | 1.35E-11 | 2994 | 1.44E-11 | 3096 | 1.54E-11 | 3198 | 1.46E-11 |


HD 26571 B9 III V=8.09 (B−V)=0.19 E(B−V)=0.27
LAP: LWP 12753
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

HD 212593 B9 Iab V=4.57 (B-V)=0.09 E(B-V)=0.09

LAP: SWP 33852

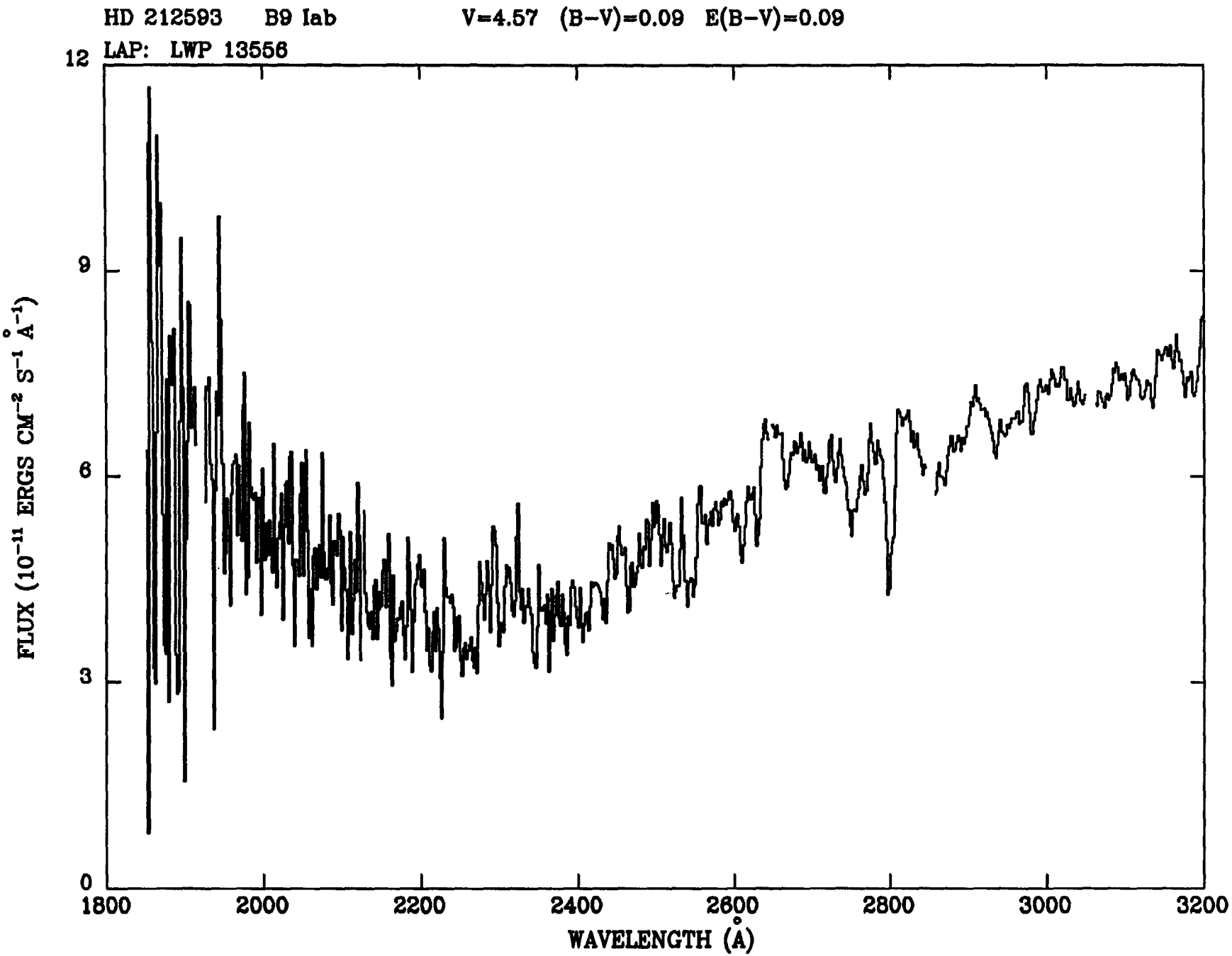
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | -9.87E-14 | 1222 | 5.90E-12 | 1292 | 3.06E-11 | 1362 | 3.64E-11 | 1432 | 4.30E-11 | 1502 | 6.12E-11 | 1572 | 5.53E-11 | 1642 | 5.17E-11 | 1712 | 5.21E-11 | 1782 | 6.14E-11 | 1852 | 4.69E-11 | 1922 | |
| 1154 | 7.91E-12 | 1224 | 5.91E-12 | 1294 | 3.01E-11 | 1364 | 3.43E-11 | 1434 | 4.82E-11 | 1504 | 5.95E-11 | 1574 | 5.66E-11 | 1644 | 5.22E-11 | 1714 | 5.00E-11 | 1784 | 6.07E-11 | 1854 | 4.69E-11 | 1924 | |
| 1156 | 1.15E-11 | 1226 | 7.53E-12 | 1296 | 2.92E-11 | 1366 | 3.55E-11 | 1436 | 4.90E-11 | 1506 | 5.78E-11 | 1576 | 5.81E-11 | 1646 | 5.76E-11 | 1716 | 4.62E-11 | 1786 | 5.95E-11 | 1856 | 4.92E-11 | 1926 | |
| 1158 | 1.67E-11 | 1228 | 7.09E-12 | 1298 | 2.61E-11 | 1368 | 3.49E-11 | 1438 | 5.05E-11 | 1508 | 5.03E-11 | 1578 | 6.07E-11 | 1648 | 5.51E-11 | 1718 | 4.42E-11 | 1788 | 6.11E-11 | 1858 | 4.92E-11 | 1928 | 4.58E-11 |
| 1160 | 1.20E-11 | 1230 | 9.83E-12 | 1300 | 2.38E-11 | 1370 | 3.71E-11 | 1440 | 5.05E-11 | 1510 | 5.22E-11 | 1580 | 6.08E-11 | 1650 | 5.30E-11 | 1720 | 4.54E-11 | 1790 | 6.19E-11 | 1860 | 4.78E-11 | 1930 | 4.91E-11 |
| 1162 | 1.58E-11 | 1232 | 1.36E-11 | 1302 | 2.08E-11 | 1372 | 3.95E-11 | 1442 | 5.16E-11 | 1512 | 5.46E-11 | 1582 | 6.50E-11 | 1652 | 5.13E-11 | 1722 | 4.72E-11 | 1792 | | 1862 | 4.94E-11 | 1932 | 5.16E-11 |
| 1164 | 1.49E-11 | 1234 | 1.73E-11 | 1304 | 2.04E-11 | 1374 | 4.19E-11 | 1444 | 5.38E-11 | 1514 | 5.81E-11 | 1584 | 6.54E-11 | 1654 | 4.69E-11 | 1724 | 4.74E-11 | 1794 | | 1864 | 5.27E-11 | 1934 | 5.24E-11 |
| 1166 | 1.04E-11 | 1236 | 2.14E-11 | 1306 | 2.10E-11 | 1376 | 4.42E-11 | 1446 | 5.66E-11 | 1516 | 6.46E-11 | 1586 | 6.79E-11 | 1656 | 4.41E-11 | 1726 | 5.20E-11 | 1796 | 6.81E-11 | 1866 | 5.62E-11 | 1936 | 5.15E-11 |
| 1168 | 8.22E-12 | 1238 | 2.42E-11 | 1308 | 2.60E-11 | 1378 | 4.45E-11 | 1448 | 5.94E-11 | 1518 | 6.23E-11 | 1588 | 6.82E-11 | 1658 | 4.88E-11 | 1728 | 5.31E-11 | 1798 | 6.90E-11 | 1868 | 5.74E-11 | 1938 | 5.13E-11 |
| 1170 | 1.42E-11 | 1240 | 2.65E-11 | 1310 | 3.18E-11 | 1380 | 4.19E-11 | 1450 | 6.32E-11 | 1520 | 6.37E-11 | 1590 | 6.93E-11 | 1660 | | 1730 | 5.28E-11 | 1800 | 6.88E-11 | 1870 | 5.76E-11 | 1940 | 5.21E-11 |
| 1172 | 1.13E-11 | 1242 | 2.72E-11 | 1312 | 3.85E-11 | 1382 | 4.41E-11 | 1452 | 6.11E-11 | 1522 | 5.86E-11 | 1592 | 6.58E-11 | 1662 | | 1732 | 5.34E-11 | 1802 | 6.64E-11 | 1872 | 5.69E-11 | 1942 | 5.32E-11 |
| 1174 | 1.05E-11 | 1244 | 2.48E-11 | 1314 | 4.52E-11 | 1384 | 4.43E-11 | 1454 | 6.05E-11 | 1524 | 5.52E-11 | 1594 | 6.89E-11 | 1664 | | 1734 | 5.39E-11 | 1804 | 6.40E-11 | 1874 | 5.62E-11 | 1944 | 5.37E-11 |
| 1176 | 1.67E-11 | 1246 | 2.43E-11 | 1316 | 4.38E-11 | 1386 | 4.73E-11 | 1456 | 6.49E-11 | 1526 | 5.34E-11 | 1596 | 6.43E-11 | 1666 | 5.87E-11 | 1736 | 5.46E-11 | 1806 | 6.25E-11 | 1876 | 5.53E-11 | 1946 | 5.28E-11 |
| 1178 | 1.79E-11 | 1248 | 2.42E-11 | 1318 | 4.27E-11 | 1388 | 4.96E-11 | 1458 | 6.59E-11 | 1528 | 5.58E-11 | 1598 | 6.12E-11 | 1668 | 5.38E-11 | 1738 | 5.45E-11 | 1808 | 6.24E-11 | 1878 | 5.53E-11 | 1948 | 5.12E-11 |
| 1180 | 1.20E-11 | 1250 | 2.63E-11 | 1320 | 4.42E-11 | 1390 | 5.10E-11 | 1460 | 6.23E-11 | 1530 | 5.57E-11 | 1600 | 5.68E-11 | 1670 | 4.72E-11 | 1740 | 5.63E-11 | 1810 | 6.31E-11 | 1880 | 5.44E-11 | 1950 | 5.05E-11 |
| 1182 | 9.56E-12 | 1252 | 2.86E-11 | 1322 | 4.16E-11 | 1392 | 4.55E-11 | 1462 | 6.26E-11 | 1532 | 5.32E-11 | 1602 | 5.72E-11 | 1672 | 4.72E-11 | 1742 | 5.77E-11 | 1812 | 6.18E-11 | 1882 | 5.31E-11 | 1952 | 5.16E-11 |
| 1184 | 8.88E-12 | 1254 | 2.74E-11 | 1324 | | 1394 | 4.58E-11 | 1464 | 5.59E-11 | 1534 | 5.45E-11 | 1604 | 5.67E-11 | 1674 | 5.24E-11 | 1744 | 5.51E-11 | 1814 | 5.83E-11 | 1884 | 4.99E-11 | 1954 | 5.31E-11 |
| 1186 | 7.58E-12 | 1256 | 2.39E-11 | 1326 | | 1396 | 4.57E-11 | 1466 | 5.29E-11 | 1536 | 5.87E-11 | 1606 | 5.51E-11 | 1676 | 5.59E-11 | 1746 | 5.44E-11 | 1816 | 5.68E-11 | 1886 | 4.82E-11 | 1956 | 5.35E-11 |
| 1188 | 8.42E-12 | 1258 | 1.75E-11 | 1328 | | 1398 | 4.60E-11 | 1468 | 5.07E-11 | 1538 | 5.93E-11 | 1608 | 5.46E-11 | 1678 | 5.95E-11 | 1748 | 5.50E-11 | 1818 | 5.83E-11 | 1888 | 4.85E-11 | 1958 | 5.35E-11 |
| 1190 | 7.61E-12 | 1260 | 1.32E-11 | 1330 | 3.91E-11 | 1400 | 4.69E-11 | 1470 | 5.32E-11 | 1540 | 6.63E-11 | 1610 | 5.27E-11 | 1680 | 6.18E-11 | 1750 | 5.62E-11 | 1820 | 5.96E-11 | 1890 | 4.73E-11 | 1960 | 5.41E-11 |
| 1192 | 6.29E-12 | 1262 | 1.75E-11 | 1332 | 3.41E-11 | 1402 | 4.42E-11 | 1472 | 5.30E-11 | 1542 | 6.53E-11 | 1612 | 5.59E-11 | 1682 | 6.05E-11 | 1752 | 5.94E-11 | 1822 | 6.09E-11 | 1892 | 4.71E-11 | 1962 | 5.30E-11 |
| 1194 | | 1264 | 1.88E-11 | 1334 | 3.33E-11 | 1404 | 4.59E-11 | 1474 | 5.49E-11 | 1544 | 6.08E-11 | 1614 | 5.92E-11 | 1684 | 5.81E-11 | 1754 | 6.34E-11 | 1824 | 5.99E-11 | 1894 | 4.79E-11 | 1964 | 5.36E-11 |
| 1196 | | 1266 | 2.57E-11 | 1336 | 4.06E-11 | 1406 | 4.82E-11 | 1476 | 5.82E-11 | 1546 | 5.38E-11 | 1616 | 5.81E-11 | 1686 | 5.58E-11 | 1756 | 6.13E-11 | 1826 | 5.75E-11 | 1896 | 5.13E-11 | 1966 | 5.47E-11 |
| 1198 | 6.31E-12 | 1268 | 3.12E-11 | 1338 | 5.35E-11 | 1408 | 4.53E-11 | 1478 | 5.97E-11 | 1548 | 5.57E-11 | 1618 | 5.59E-11 | 1688 | 5.57E-11 | 1758 | 5.79E-11 | 1828 | 5.52E-11 | 1898 | 5.32E-11 | 1968 | 5.57E-11 |
| 1200 | 5.32E-12 | 1270 | 3.03E-11 | 1340 | 5.16E-11 | 1410 | 4.44E-11 | 1480 | 5.57E-11 | 1550 | 5.68E-11 | 1620 | 5.60E-11 | 1690 | 5.61E-11 | 1760 | 5.54E-11 | 1830 | 5.46E-11 | 1900 | 5.35E-11 | 1970 | 5.66E-11 |
| 1202 | 5.19E-12 | 1272 | 2.99E-11 | 1342 | 5.00E-11 | 1412 | 4.26E-11 | 1482 | 5.59E-11 | 1552 | 5.83E-11 | 1622 | 5.56E-11 | 1692 | 5.69E-11 | 1762 | 5.51E-11 | 1832 | 5.60E-11 | 1902 | 5.34E-11 | 1972 | 5.67E-11 |
| 1204 | 4.28E-12 | 1274 | 2.63E-11 | 1344 | 4.70E-11 | 1414 | 4.09E-11 | 1484 | 5.72E-11 | 1554 | 6.00E-11 | 1624 | 5.73E-11 | 1694 | 5.62E-11 | 1764 | 5.76E-11 | 1834 | 5.88E-11 | 1904 | 5.27E-11 | 1974 | 5.67E-11 |
| 1206 | 3.37E-12 | 1276 | 2.86E-11 | 1346 | 4.68E-11 | 1416 | 3.98E-11 | 1486 | 6.43E-11 | 1556 | 5.76E-11 | 1626 | 5.79E-11 | 1696 | 5.88E-11 | 1766 | 5.66E-11 | 1836 | 6.06E-11 | 1906 | 5.21E-11 | | |
| 1208 | 5.82E-12 | 1278 | 3.21E-11 | 1348 | 4.51E-11 | 1418 | 4.10E-11 | 1488 | 6.47E-11 | 1558 | 5.31E-11 | 1628 | 5.60E-11 | 1698 | 6.01E-11 | 1768 | 5.71E-11 | 1838 | 5.64E-11 | 1908 | 5.11E-11 | | |
| 1210 | 7.10E-12 | 1280 | 3.76E-11 | 1350 | 4.48E-11 | 1420 | 4.26E-11 | 1490 | 6.44E-11 | 1560 | 5.12E-11 | 1630 | 5.50E-11 | 1700 | 5.86E-11 | 1770 | 5.69E-11 | 1840 | 5.36E-11 | 1910 | 4.96E-11 | | |
| 1212 | 7.15E-12 | 1282 | 4.01E-11 | 1352 | 4.33E-11 | 1422 | 4.53E-11 | 1492 | 5.97E-11 | 1562 | 5.58E-11 | 1632 | 5.47E-11 | 1702 | 5.49E-11 | 1772 | 5.59E-11 | 1842 | 5.13E-11 | 1912 | 4.83E-11 | | |
| 1214 | 1.09E-11 | 1284 | 3.77E-11 | 1354 | 4.95E-11 | 1424 | 5.08E-11 | 1494 | 6.27E-11 | 1564 | 5.78E-11 | 1634 | 5.34E-11 | 1704 | 5.32E-11 | 1774 | 5.60E-11 | 1844 | 4.97E-11 | 1914 | 4.89E-11 | | |
| 1216 | 1.16E-11 | 1286 | 3.51E-11 | 1356 | 4.78E-11 | 1426 | 5.28E-11 | 1496 | 6.68E-11 | 1566 | 5.87E-11 | 1636 | 5.51E-11 | 1706 | 5.19E-11 | 1776 | 5.87E-11 | 1846 | 5.05E-11 | 1916 | 5.01E-11 | | |
| 1218 | 6.83E-12 | 1288 | 3.51E-11 | 1358 | 4.48E-11 | 1428 | 5.23E-11 | 1498 | 6.63E-11 | 1568 | 5.75E-11 | 1638 | 5.44E-11 | 1708 | 5.06E-11 | 1778 | 6.09E-11 | 1848 | 4.97E-11 | 1918 | 5.09E-11 | | |
| 1220 | 5.80E-12 | 1290 | 3.26E-11 | 1360 | 3.95E-11 | 1430 | 4.56E-11 | 1500 | 6.57E-11 | 1570 | 5.34E-11 | 1640 | 5.30E-11 | 1710 | 5.16E-11 | 1780 | 6.17E-11 | 1850 | 4.82E-11 | 1920 | 4.96E-11 | | |


HD 212593 B9 Iab
V=4.57 (B-V)=0.09 E(B-V)=0.09
LAP: SWP 33852
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 212593 B9 Iab V=4.57 (B-V)=0.09 E(B-V)=0.09**

**LAP: LWP 13556**

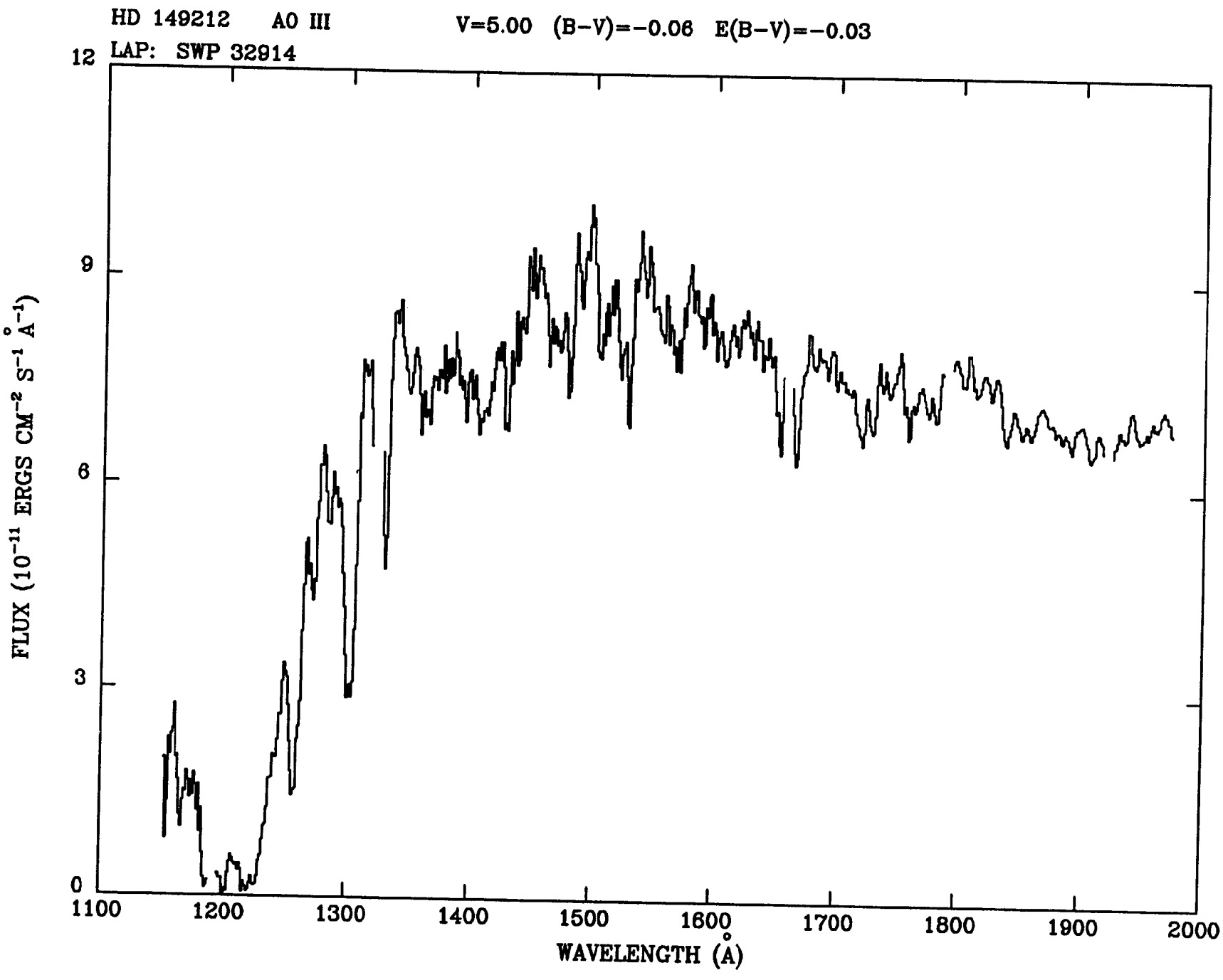
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 7.32E-11 | 2078 | 4.71E-11 | 2180 | 3.39E-11 | 2282 | 4.16E-11 | 2384 | 3.53E-11 | 2486 | 4.96E-11 | 2588 | 5.66E-11 | 2690 | 6.37E-11 | 2792 | 5.82E-11 | 2894 | 6.49E-11 | 2996 | 7.24E-11 | 3098 | 7.42E-11 |
| 1978 | 5.42E-11 | 2080 | 4.51E-11 | 2182 | 4.02E-11 | 2284 | 4.63E-11 | 2386 | 3.55E-11 | 2488 | 5.29E-11 | 2590 | 5.62E-11 | 2692 | 6.22E-11 | 2794 | 5.36E-11 | 2896 | 6.60E-11 | 2998 | 7.30E-11 | 3100 | 7.46E-11 |
| 1980 | 4.47E-11 | 2082 | 4.62E-11 | 2184 | 5.03E-11 | 2286 | 4.47E-11 | 2388 | 3.92E-11 | 2490 | 5.35E-11 | 2592 | 5.71E-11 | 2694 | 6.28E-11 | 2796 | 4.65E-11 | 2898 | 6.73E-11 | 3000 | 7.30E-11 | 3102 | 7.26E-11 |
| 1982 | 6.33E-11 | 2084 | 5.21E-11 | 2186 | 4.55E-11 | 2288 | 3.84E-11 | 2390 | 4.06E-11 | 2492 | 4.75E-11 | 2594 | 5.79E-11 | 2696 | 6.48E-11 | 2798 | 4.34E-11 | 2900 | 6.77E-11 | 3002 | 7.22E-11 | 3104 | 7.13E-11 |
| 1984 | 5.99E-11 | 2086 | 4.70E-11 | 2188 | 3.75E-11 | 2290 | 4.35E-11 | 2392 | 4.44E-11 | 2494 | 5.11E-11 | 2596 | 5.72E-11 | 2698 | 6.34E-11 | 2800 | 4.73E-11 | 2902 | 6.94E-11 | 3004 | 7.38E-11 | 3106 | 7.26E-11 |
| 1986 | 5.71E-11 | 2088 | 4.18E-11 | 2190 | 3.49E-11 | 2292 | 5.25E-11 | 2394 | 4.44E-11 | 2496 | 5.57E-11 | 2598 | 5.47E-11 | 2700 | 6.22E-11 | 2802 | 5.01E-11 | 2904 | 7.06E-11 | 3006 | 7.54E-11 | 3108 | 7.45E-11 |
| 1988 | 5.67E-11 | 2090 | 4.97E-11 | 2192 | 4.16E-11 | 2294 | 5.22E-11 | 2396 | 4.22E-11 | 2498 | 5.29E-11 | 2600 | 5.26E-11 | 2702 | 6.27E-11 | 2804 | 5.11E-11 | 2906 | 7.08E-11 | 3008 | 7.50E-11 | 3110 | 7.53E-11 |
| 1990 | 5.62E-11 | 2092 | 4.94E-11 | 2194 | 4.47E-11 | 2296 | 4.88E-11 | 2398 | 4.00E-11 | 2500 | 5.41E-11 | 2602 | 5.38E-11 | 2704 | 6.24E-11 | 2806 | 5.79E-11 | 2908 | 7.24E-11 | 3010 | 7.41E-11 | 3112 | 7.50E-11 |
| 1992 | 4.95E-11 | 2094 | 4.92E-11 | 2196 | 4.66E-11 | 2298 | 4.04E-11 | 2400 | 3.84E-11 | 2502 | 5.63E-11 | 2604 | 5.46E-11 | 2706 | 6.13E-11 | 2808 | 6.61E-11 | 2910 | 7.20E-11 | 3012 | 7.32E-11 | 3114 | 7.43E-11 |
| 1994 | 5.66E-11 | 2096 | 5.42E-11 | 2198 | 4.83E-11 | 2300 | 3.62E-11 | 2402 | 4.27E-11 | 2504 | 5.42E-11 | 2606 | 5.30E-11 | 2708 | 6.06E-11 | 2810 | 6.97E-11 | 2912 | 7.12E-11 | 3014 | 7.34E-11 | 3116 | 7.41E-11 |
| 1996 | 5.08E-11 | 2098 | 4.85E-11 | 2200 | 4.53E-11 | 2302 | 3.86E-11 | 2404 | 3.94E-11 | 2506 | 4.97E-11 | 2608 | 4.87E-11 | 2710 | 6.03E-11 | 2812 | 6.93E-11 | 2914 | 7.08E-11 | 3016 | 7.36E-11 | 3118 | 7.35E-11 |
| 1998 | 4.73E-11 | 2100 | 4.17E-11 | 2202 | 4.40E-11 | 2304 | 3.80E-11 | 2406 | 3.61E-11 | 2508 | 4.95E-11 | 2610 | 4.79E-11 | 2712 | 6.13E-11 | 2814 | 6.84E-11 | 2916 | 6.99E-11 | 3018 | 7.50E-11 | 3120 | 7.18E-11 |
| 2000 | 5.44E-11 | 2102 | 4.97E-11 | 2204 | 4.62E-11 | 2306 | 4.04E-11 | 2408 | 3.85E-11 | 2510 | 5.29E-11 | 2612 | 5.05E-11 | 2714 | 5.89E-11 | 2816 | 6.78E-11 | 2918 | 6.98E-11 | 3020 | 7.59E-11 | 3122 | 7.13E-11 |
| 2002 | 4.83E-11 | 2104 | 4.53E-11 | 2206 | 4.06E-11 | 2308 | 4.58E-11 | 2410 | 4.01E-11 | 2512 | 5.13E-11 | 2614 | 5.38E-11 | 2716 | 5.78E-11 | 2818 | 6.85E-11 | 2920 | 6.99E-11 | 3022 | 7.51E-11 | 3124 | 7.15E-11 |
| 2004 | 5.27E-11 | 2106 | 3.84E-11 | 2208 | 3.48E-11 | 2310 | 4.61E-11 | 2412 | 3.97E-11 | 2514 | 4.93E-11 | 2616 | 5.70E-11 | 2718 | 5.97E-11 | 2820 | 6.85E-11 | 2922 | 6.88E-11 | 3024 | 7.41E-11 | 3126 | 7.28E-11 |
| 2006 | 4.91E-11 | 2108 | 3.91E-11 | 2210 | 3.71E-11 | 2312 | 4.64E-11 | 2414 | 3.85E-11 | 2516 | 5.01E-11 | 2618 | 5.82E-11 | 2720 | 6.18E-11 | 2822 | 6.93E-11 | 2924 | 6.93E-11 | 3026 | 7.23E-11 | 3128 | 7.38E-11 |
| 2008 | 5.34E-11 | 2110 | 4.91E-11 | 2212 | 3.24E-11 | 2314 | 4.51E-11 | 2416 | 4.23E-11 | 2518 | 5.29E-11 | 2620 | 5.71E-11 | 2722 | 6.51E-11 | 2824 | 6.88E-11 | 2926 | 6.82E-11 | 3028 | 7.11E-11 | 3130 | 7.34E-11 |
| 2010 | 5.02E-11 | 2112 | 4.16E-11 | 2214 | 3.31E-11 | 2316 | 4.12E-11 | 2418 | 4.44E-11 | 2520 | 5.05E-11 | 2622 | 5.72E-11 | 2724 | 6.56E-11 | 2826 | 6.61E-11 | 2928 | 6.72E-11 | 3030 | 7.25E-11 | 3132 | 7.27E-11 |
| 2012 | 5.07E-11 | 2114 | 4.08E-11 | 2216 | 3.84E-11 | 2318 | 3.98E-11 | 2420 | 4.43E-11 | 2522 | 4.50E-11 | 2624 | 5.81E-11 | 2726 | 6.20E-11 | 2828 | 6.63E-11 | 2930 | 6.60E-11 | 3032 | 7.18E-11 | 3134 | 7.07E-11 |
| 2014 | 6.04E-11 | 2116 | 4.68E-11 | 2218 | 3.80E-11 | 2320 | 4.19E-11 | 2422 | 4.45E-11 | 2524 | 4.25E-11 | 2626 | 5.59E-11 | 2728 | 6.00E-11 | 2830 | 6.48E-11 | 2932 | 6.46E-11 | 3034 | 7.05E-11 | 3136 | 7.06E-11 |
| 2016 | 4.81E-11 | 2118 | 4.39E-11 | 2220 | 3.73E-11 | 2322 | 5.15E-11 | 2424 | 4.44E-11 | 2526 | 4.35E-11 | 2628 | 5.14E-11 | 2730 | 5.99E-11 | 2832 | 6.50E-11 | 2934 | 6.31E-11 | 3036 | 7.06E-11 | 3138 | 7.31E-11 |
| 2018 | 4.71E-11 | 2120 | 5.83E-11 | 2222 | 3.92E-11 | 2324 | 5.42E-11 | 2426 | 4.40E-11 | 2528 | 4.42E-11 | 2630 | 5.12E-11 | 2732 | 6.20E-11 | 2834 | 6.61E-11 | 2936 | 6.35E-11 | 3038 | 7.19E-11 | 3140 | 7.69E-11 |
| 2020 | 5.22E-11 | 2122 | 5.06E-11 | 2224 | 3.35E-11 | 2326 | 4.28E-11 | 2428 | 4.34E-11 | 2530 | 4.57E-11 | 2632 | 5.36E-11 | 2734 | 6.44E-11 | 2836 | 6.40E-11 | 2938 | 6.56E-11 | 3040 | 7.36E-11 | 3142 | 7.83E-11 |
| 2022 | 5.57E-11 | 2124 | 3.34E-11 | 2226 | 2.69E-11 | 2328 | 4.14E-11 | 2430 | 4.17E-11 | 2532 | 5.21E-11 | 2634 | 6.07E-11 | 2736 | 6.43E-11 | 2838 | 6.28E-11 | 2940 | 6.75E-11 | 3042 | 7.24E-11 | 3144 | 7.78E-11 |
| 2024 | 4.66E-11 | 2126 | | 2228 | 3.20E-11 | 2330 | 4.20E-11 | 2432 | 3.95E-11 | 2534 | 5.45E-11 | 2636 | 6.53E-11 | 2738 | 6.21E-11 | 2840 | 6.13E-11 | 2942 | 6.71E-11 | 3044 | 7.08E-11 | 3146 | 7.71E-11 |
| 2026 | 4.80E-11 | 2128 | 5.20E-11 | 2230 | 4.77E-11 | 2332 | 3.97E-11 | 2434 | 4.20E-11 | 2536 | 4.82E-11 | 2638 | 6.78E-11 | 2740 | 6.04E-11 | 2842 | 6.06E-11 | 2944 | 6.62E-11 | 3046 | 7.07E-11 | 3148 | 7.77E-11 |
| 2028 | 5.74E-11 | 2130 | 4.21E-11 | 2232 | 4.50E-11 | 2334 | 4.11E-11 | 2436 | 3.92E-11 | 2538 | 4.49E-11 | 2640 | 6.81E-11 | 2742 | 5.94E-11 | 2844 | 6.16E-11 | 2946 | 6.59E-11 | 3048 | 7.13E-11 | 3150 | 7.85E-11 |
| 2030 | 5.92E-11 | 2132 | 3.95E-11 | 2234 | 4.26E-11 | 2336 | 4.26E-11 | 2438 | 4.54E-11 | 2540 | 4.24E-11 | 2642 | 6.61E-11 | 2744 | 5.73E-11 | 2846 | 6.13E-11 | 2948 | 6.61E-11 | 3050 | 7.18E-11 | 3152 | 7.88E-11 |
| 2032 | 5.17E-11 | 2134 | 3.81E-11 | 2236 | 4.25E-11 | 2338 | 4.20E-11 | 2440 | 5.03E-11 | 2542 | 4.36E-11 | 2644 | 6.54E-11 | 2746 | 5.55E-11 | 2848 | | 2950 | 6.75E-11 | 3052 | | 3154 | 7.77E-11 |
| 2034 | 6.22E-11 | 2136 | 3.92E-11 | 2238 | 4.18E-11 | 2340 | 4.03E-11 | 2442 | 4.97E-11 | 2544 | 4.52E-11 | 2646 | 6.75E-11 | 2748 | 5.33E-11 | 2850 | | 2952 | 6.70E-11 | 3054 | | 3156 | 7.84E-11 |
| 2036 | 6.27E-11 | 2138 | 3.78E-11 | 2240 | 4.24E-11 | 2342 | 3.61E-11 | 2444 | 4.95E-11 | 2546 | 4.52E-11 | 2648 | 6.75E-11 | 2750 | 5.16E-11 | 2852 | | 2954 | 6.79E-11 | 3056 | | 3158 | 7.86E-11 |
| 2038 | 4.54E-11 | 2140 | 4.14E-11 | 2242 | 3.93E-11 | 2344 | 3.33E-11 | 2446 | 4.71E-11 | 2548 | 4.29E-11 | 2650 | 6.73E-11 | 2752 | 5.52E-11 | 2854 | | 2956 | 6.85E-11 | 3058 | | 3160 | 7.65E-11 |
| 2040 | 3.78E-11 | 2142 | 4.47E-11 | 2244 | 3.48E-11 | 2346 | 3.23E-11 | 2448 | 4.55E-11 | 2550 | 4.44E-11 | 2652 | 6.63E-11 | 2754 | 5.53E-11 | 2856 | 5.75E-11 | 2958 | 6.85E-11 | 3060 | | 3162 | 7.67E-11 |
| 2042 | 4.80E-11 | 2144 | 3.81E-11 | 2246 | 3.69E-11 | 2348 | 3.76E-11 | 2450 | 4.86E-11 | 2552 | 4.91E-11 | 2654 | 6.67E-11 | 2756 | 5.55E-11 | 2858 | 5.78E-11 | 2960 | 6.88E-11 | 3062 | 7.06E-11 | 3164 | 7.95E-11 |
| 2044 | 4.70E-11 | 2146 | 3.99E-11 | 2248 | 3.96E-11 | 2350 | 4.65E-11 | 2452 | 5.22E-11 | 2554 | 5.64E-11 | 2656 | 6.66E-11 | 2758 | 5.72E-11 | 2860 | 6.01E-11 | 2962 | 6.94E-11 | 3064 | 7.03E-11 | 3166 | 7.95E-11 |
| 2046 | 5.03E-11 | 2148 | 4.31E-11 | 2250 | 3.65E-11 | 2352 | 4.08E-11 | 2454 | 5.10E-11 | 2556 | 5.85E-11 | 2658 | 6.61E-11 | 2760 | 5.88E-11 | 2862 | 6.18E-11 | 2964 | 6.87E-11 | 3066 | 7.24E-11 | 3168 | 7.74E-11 |
| 2048 | 5.95E-11 | 2150 | 4.13E-11 | 2252 | 3.20E-11 | 2354 | 4.05E-11 | 2456 | 4.91E-11 | 2558 | 5.71E-11 | 2660 | 6.62E-11 | 2762 | 6.07E-11 | 2864 | 6.01E-11 | 2966 | 6.79E-11 | 3068 | 7.21E-11 | 3170 | 7.69E-11 |
| 2050 | 5.30E-11 | 2152 | 4.66E-11 | 2254 | 3.36E-11 | 2356 | 4.11E-11 | 2458 | 4.89E-11 | 2560 | 5.33E-11 | 2662 | 6.31E-11 | 2764 | 6.06E-11 | 2866 | 5.99E-11 | 2968 | 6.80E-11 | 3070 | 7.12E-11 | 3172 | 7.58E-11 |
| 2052 | 5.14E-11 | 2154 | 4.66E-11 | 2256 | 3.56E-11 | 2358 | 4.05E-11 | 2460 | 4.96E-11 | 2562 | 5.39E-11 | 2664 | 5.97E-11 | 2766 | 5.83E-11 | 2868 | 5.95E-11 | 2970 | 6.95E-11 | 3072 | 7.05E-11 | 3174 | 7.39E-11 |
| 2054 | 6.08E-11 | 2156 | 4.26E-11 | 2258 | 3.40E-11 | 2360 | 4.01E-11 | 2462 | 4.48E-11 | 2564 | 5.24E-11 | 2666 | 5.83E-11 | 2768 | 5.78E-11 | 2870 | 5.92E-11 | 2972 | 7.25E-11 | 3074 | 7.04E-11 | 3176 | 7.18E-11 |
| 2056 | 5.51E-11 | 2158 | 4.88E-11 | 2260 | 3.45E-11 | 2362 | 3.78E-11 | 2464 | 4.04E-11 | 2566 | 5.18E-11 | 2668 | 5.90E-11 | 2770 | 5.96E-11 | 2872 | 6.14E-11 | 2974 | 7.35E-11 | 3076 | 7.17E-11 | 3178 | 7.41E-11 |
| 2058 | 3.97E-11 | 2160 | 4.55E-11 | 2262 | 3.54E-11 | 2364 | 3.60E-11 | 2466 | 4.11E-11 | 2568 | 5.36E-11 | 2670 | 6.08E-11 | 2772 | 6.42E-11 | 2874 | 6.36E-11 | 2976 | 7.24E-11 | 3078 | 7.16E-11 | 3180 | 7.39E-11 |
| 2060 | 4.26E-11 | 2162 | 3.19E-11 | 2264 | 3.64E-11 | 2366 | 4.22E-11 | 2468 | 4.72E-11 | 2570 | 5.46E-11 | 2672 | 6.28E-11 | 2774 | 6.73E-11 | 2876 | 6.50E-11 | 2978 | 6.95E-11 | 3080 | 7.14E-11 | 3182 | 7.46E-11 |
| 2062 | 3.58E-11 | 2164 | 3.77E-11 | 2266 | 3.31E-11 | 2368 | 3.88E-11 | 2470 | 4.67E-11 | 2572 | 5.35E-11 | 2674 | 6.34E-11 | 2776 | 6.53E-11 | 2878 | 6.58E-11 | 2980 | 6.63E-11 | 3082 | 7.27E-11 | 3184 | 7.48E-11 |
| 2064 | 4.86E-11 | 2166 | 4.03E-11 | 2268 | 3.27E-11 | 2370 | 3.87E-11 | 2472 | 4.42E-11 | 2574 | 5.49E-11 | 2676 | 6.40E-11 | 2778 | 6.37E-11 | 2880 | 6.47E-11 | 2982 | 6.64E-11 | 3084 | 7.50E-11 | 3186 | 7.20E-11 |
| 2066 | 4.87E-11 | 2168 | 3.70E-11 | 2270 | 3.42E-11 | 2372 | 4.21E-11 | 2474 | 4.50E-11 | 2576 | 5.62E-11 | 2678 | 6.50E-11 | 2780 | 6.18E-11 | 2882 | 6.38E-11 | 2984 | 6.83E-11 | 3086 | 7.53E-11 | 3188 | 7.18E-11 |
| 2068 | 4.47E-11 | 2170 | 3.88E-11 | 2272 | 3.44E-11 | 2374 | 4.44E-11 | 2476 | 4.65E-11 | 2578 | 5.52E-11 | 2680 | 6.41E-11 | 2782 | 6.24E-11 | 2884 | 6.46E-11 | 2986 | 6.97E-11 | 3088 | 7.62E-11 | 3190 | 7.29E-11 |
| 2070 | 4.95E-11 | 2172 | 3.92E-11 | 2274 | 4.35E-11 | 2376 | 4.00E-11 | 2478 | 4.93E-11 | 2580 | 5.32E-11 | 2682 | 6.39E-11 | 2784 | 6.50E-11 | 2886 | 6.56E-11 | 2988 | 7.18E-11 | 3090 | 7.60E-11 | 3192 | 7.49E-11 |
| 2072 | 4.86E-11 | 2174 | 4.06E-11 | 2276 | 4.63E-11 | 2378 | 3.86E-11 | 2480 | 4.94E-11 | 2582 | 5.43E-11 | 2684 | 6.56E-11 | 2786 | 6.38E-11 | 2888 | 6.53E-11 | 2990 | 7.36E-11 | 3092 | 7.42E-11 | 3194 | 7.74E-11 |
| 2074 | 5.16E-11 | 2176 | 4.17E-11 | 2278 | 4.32E-11 | 2380 | 4.26E-11 | 2482 | 4.70E-11 | 2584 | 5.62E-11 | 2686 | 6.53E-11 | 2788 | 6.29E-11 | 2890 | 6.41E-11 | 2992 | 7.37E-11 | 3094 | 7.47E-11 | 3196 | 8.11E-11 |
| 2076 | 5.69E-11 | 2178 | 3.70E-11 | 2280 | 4.04E-11 | 2382 | 3.95E-11 | 2484 | 4.89E-11 | 2586 | 5.60E-11 | 2688 | 6.29E-11 | 2790 | 6.14E-11 | 2892 | 6.55E-11 | 2994 | 7.27E-11 | 3096 | 7.49E-11 | 3198 | 8.32E-11 |


HD 212593 B9 Iab V=4.57 (B-V)=0.09 E(B-V)=0.09
LAP: LWP 13556
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
1800
2000
2200
2400
2600
2800
3000
3200

**HD 149212 A0 III V=5.00 (B-V)=-0.06 E(B-V)=-0.03**

**LAP: SWP 32914**

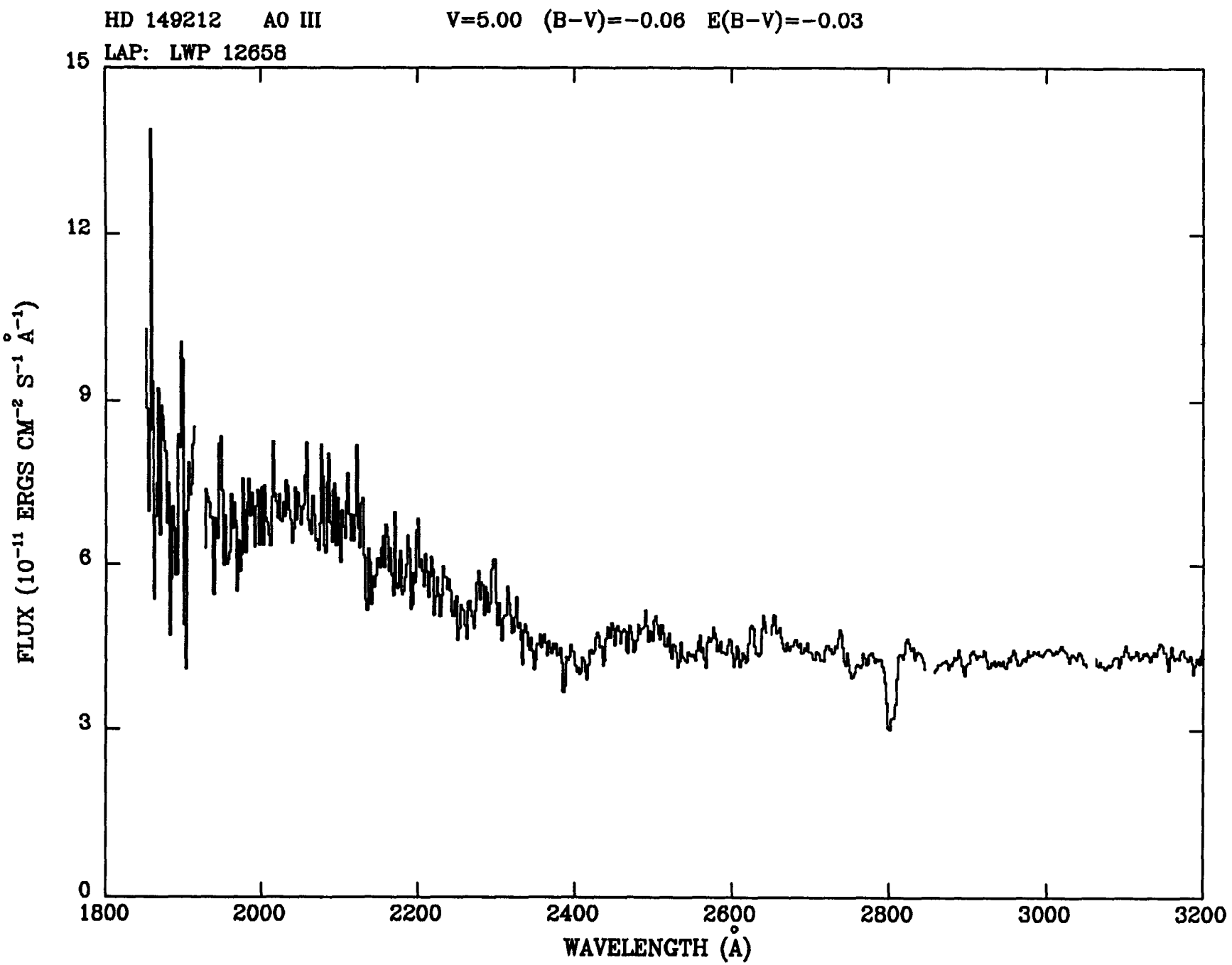
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 1.87E-11 | 1222 | 1.21E-12 | 1292 | 5.72E-11 | 1362 | 7.11E-11 | 1432 | 7.77E-11 | 1502 | 9.02E-11 | 1572 | 8.08E-11 | 1642 | 7.99E-11 | 1712 | 7.42E-11 | 1782 | 7.04E-11 | 1852 | 6.81E-11 | 1922 | |
| 1154 | 1.09E-11 | 1224 | 2.38E-12 | 1294 | 5.62E-11 | 1364 | 7.09E-11 | 1434 | 7.80E-11 | 1504 | 8.03E-11 | 1574 | 8.49E-11 | 1644 | 8.00E-11 | 1714 | 7.35E-11 | 1784 | 7.39E-11 | 1854 | 6.94E-11 | 1924 | |
| 1156 | 2.11E-11 | 1226 | 1.61E-12 | 1296 | 4.86E-11 | 1366 | 7.06E-11 | 1436 | 8.14E-11 | 1506 | 7.91E-11 | 1576 | 8.74E-11 | 1646 | 7.80E-11 | 1716 | 7.01E-11 | 1786 | 7.70E-11 | 1856 | 6.91E-11 | 1926 | 6.56E-11 |
| 1158 | 2.27E-11 | 1228 | 2.15E-12 | 1298 | 3.83E-11 | 1368 | 7.52E-11 | 1438 | 8.05E-11 | 1508 | 8.14E-11 | 1578 | 9.10E-11 | 1648 | 7.74E-11 | 1718 | 6.86E-11 | 1788 | 7.69E-11 | 1858 | 6.78E-11 | 1928 | 6.68E-11 |
| 1160 | 2.62E-11 | 1230 | 4.76E-12 | 1300 | 2.89E-11 | 1370 | 7.54E-11 | 1440 | 8.41E-11 | 1510 | 8.60E-11 | 1580 | 9.04E-11 | 1650 | 7.17E-11 | 1720 | 6.72E-11 | 1790 | | 1860 | 6.86E-11 | 1930 | 6.82E-11 |
| 1162 | 2.00E-11 | 1232 | 7.23E-12 | 1302 | 3.01E-11 | 1372 | 7.49E-11 | 1442 | 8.25E-11 | 1512 | 8.37E-11 | 1582 | 8.65E-11 | 1652 | 6.85E-11 | 1722 | 6.90E-11 | 1792 | | 1862 | 7.00E-11 | 1932 | 6.89E-11 |
| 1164 | 1.64E-11 | 1234 | 1.02E-11 | 1304 | 3.03E-11 | 1374 | 7.64E-11 | 1444 | 8.81E-11 | 1514 | 8.77E-11 | 1584 | 8.79E-11 | 1654 | 6.71E-11 | 1724 | 7.32E-11 | 1794 | 7.80E-11 | 1864 | 7.16E-11 | 1934 | 6.82E-11 |
| 1166 | 1.06E-11 | 1236 | 1.32E-11 | 1306 | 4.26E-11 | 1376 | 7.83E-11 | 1446 | 9.15E-11 | 1516 | 8.71E-11 | 1586 | 8.52E-11 | 1656 | 7.48E-11 | 1726 | 7.10E-11 | 1796 | 7.90E-11 | 1866 | 7.21E-11 | 1936 | 6.78E-11 |
| 1168 | 1.43E-11 | 1238 | 1.71E-11 | 1308 | 5.82E-11 | 1378 | 7.40E-11 | 1448 | 9.20E-11 | 1518 | 8.91E-11 | 1588 | 8.45E-11 | 1658 | | 1728 | 6.89E-11 | 1798 | 7.88E-11 | 1868 | 7.22E-11 | 1938 | 6.93E-11 |
| 1170 | 1.59E-11 | 1240 | 1.89E-11 | 1310 | 7.06E-11 | 1380 | 7.69E-11 | 1450 | 8.92E-11 | 1520 | 8.23E-11 | 1590 | 8.13E-11 | 1660 | | 1730 | 6.87E-11 | 1800 | 7.75E-11 | 1870 | 7.13E-11 | 1940 | 7.13E-11 |
| 1172 | 1.68E-11 | 1242 | 2.02E-11 | 1312 | 7.71E-11 | 1382 | 7.73E-11 | 1452 | 9.07E-11 | 1522 | 7.66E-11 | 1592 | 8.46E-11 | 1662 | 7.49E-11 | 1732 | 7.32E-11 | 1802 | 7.59E-11 | 1872 | 7.00E-11 | 1942 | 7.16E-11 |
| 1174 | 1.54E-11 | 1244 | 2.23E-11 | 1314 | 7.66E-11 | 1384 | 7.60E-11 | 1454 | 9.23E-11 | 1524 | 7.92E-11 | 1594 | 8.64E-11 | 1664 | 7.16E-11 | 1734 | 7.76E-11 | 1804 | 7.53E-11 | 1874 | 6.97E-11 | 1944 | 6.94E-11 |
| 1176 | 1.56E-11 | 1246 | 2.63E-11 | 1316 | 7.63E-11 | 1386 | 8.08E-11 | 1456 | 9.06E-11 | 1526 | 8.03E-11 | 1596 | 8.65E-11 | 1666 | 6.45E-11 | 1736 | 7.63E-11 | 1806 | 7.76E-11 | 1876 | 6.97E-11 | 1946 | 6.82E-11 |
| 1178 | 1.61E-11 | 1248 | 3.15E-11 | 1318 | 7.43E-11 | 1388 | 7.84E-11 | 1458 | 8.78E-11 | 1528 | 7.28E-11 | 1598 | 8.36E-11 | 1668 | 6.59E-11 | 1738 | 7.46E-11 | 1808 | 7.97E-11 | 1878 | 6.85E-11 | 1948 | 6.76E-11 |
| 1180 | 1.41E-11 | 1250 | 3.28E-11 | 1320 | 6.64E-11 | 1390 | 7.52E-11 | 1460 | 8.63E-11 | 1530 | 7.20E-11 | 1600 | 8.09E-11 | 1670 | 7.24E-11 | 1740 | 7.67E-11 | 1810 | 7.77E-11 | 1880 | 6.88E-11 | 1950 | 6.78E-11 |
| 1182 | 1.09E-11 | 1252 | 2.93E-11 | 1322 | | 1392 | 7.45E-11 | 1462 | 7.93E-11 | 1532 | 8.27E-11 | 1602 | 8.14E-11 | 1672 | 7.62E-11 | 1742 | 7.46E-11 | 1812 | 7.52E-11 | 1882 | 6.79E-11 | 1952 | 6.83E-11 |
| 1184 | 6.70E-12 | 1254 | 2.07E-11 | 1324 | | 1394 | 7.24E-11 | 1464 | 8.25E-11 | 1534 | 8.93E-11 | 1604 | 8.24E-11 | 1674 | 7.76E-11 | 1744 | 7.38E-11 | 1814 | 7.42E-11 | 1884 | 6.77E-11 | 1954 | 6.84E-11 |
| 1186 | 1.77E-12 | 1256 | 1.55E-11 | 1326 | | 1396 | 7.27E-11 | 1466 | 8.20E-11 | 1536 | 9.13E-11 | 1606 | 7.96E-11 | 1676 | 8.18E-11 | 1746 | 7.54E-11 | 1816 | 7.43E-11 | 1886 | 6.84E-11 | 1956 | 6.92E-11 |
| 1188 | 1.77E-12 | 1258 | 1.55E-11 | 1328 | 6.17E-11 | 1398 | 7.65E-11 | 1468 | 8.30E-11 | 1538 | 9.57E-11 | 1608 | 7.79E-11 | 1678 | 8.09E-11 | 1748 | 7.61E-11 | 1818 | 7.56E-11 | 1888 | 6.79E-11 | 1958 | 7.01E-11 |
| 1190 | 2.16E-12 | 1260 | 2.35E-11 | 1330 | 4.98E-11 | 1400 | 7.39E-11 | 1470 | 8.08E-11 | 1540 | 9.25E-11 | 1610 | 7.94E-11 | 1680 | 7.79E-11 | 1750 | 7.78E-11 | 1820 | 7.68E-11 | 1890 | 6.68E-11 | 1960 | 6.95E-11 |
| 1192 | | 1262 | 3.01E-11 | 1332 | 5.76E-11 | 1402 | 7.55E-11 | 1472 | 8.00E-11 | 1542 | 8.92E-11 | 1612 | 8.26E-11 | 1682 | 7.77E-11 | 1752 | 7.96E-11 | 1822 | 7.64E-11 | 1892 | 6.63E-11 | 1962 | 6.95E-11 |
| 1194 | | 1264 | 4.39E-11 | 1334 | 7.58E-11 | 1404 | 7.14E-11 | 1474 | 8.21E-11 | 1544 | 9.10E-11 | 1614 | 8.31E-11 | 1684 | 7.97E-11 | 1754 | 7.43E-11 | 1824 | 7.53E-11 | 1894 | 6.82E-11 | 1964 | 7.03E-11 |
| 1196 | 3.06E-12 | 1266 | 5.17E-11 | 1336 | 8.38E-11 | 1406 | 6.85E-11 | 1476 | 8.50E-11 | 1546 | 9.33E-11 | 1616 | 8.14E-11 | 1686 | 7.90E-11 | 1756 | 7.20E-11 | 1826 | 7.34E-11 | 1896 | 6.92E-11 | 1966 | 7.14E-11 |
| 1198 | 2.74E-12 | 1268 | 4.78E-11 | 1338 | 8.42E-11 | 1408 | 6.96E-11 | 1478 | 7.82E-11 | 1548 | 8.82E-11 | 1618 | 8.04E-11 | 1688 | 7.89E-11 | 1758 | 6.92E-11 | 1828 | 7.48E-11 | 1898 | 6.95E-11 | 1968 | 7.17E-11 |
| 1200 | 2.02E-12 | 1270 | 4.55E-11 | 1340 | 8.55E-11 | 1410 | 7.08E-11 | 1480 | 7.41E-11 | 1550 | 8.61E-11 | 1620 | 8.21E-11 | 1690 | 7.81E-11 | 1760 | 6.91E-11 | 1830 | 7.65E-11 | 1900 | 6.97E-11 | 1970 | 7.11E-11 |
| 1202 | 1.88E-13 | 1272 | 4.46E-11 | 1342 | 8.28E-11 | 1412 | 7.09E-11 | 1482 | 8.11E-11 | 1552 | 8.62E-11 | 1622 | 8.43E-11 | 1692 | 7.67E-11 | 1762 | 7.23E-11 | 1832 | 7.57E-11 | 1902 | 6.89E-11 | 1972 | 7.03E-11 |
| 1204 | 1.17E-12 | 1274 | 4.90E-11 | 1344 | 7.92E-11 | 1414 | 7.24E-11 | 1484 | 9.31E-11 | 1554 | 8.41E-11 | 1624 | 8.44E-11 | 1694 | 7.95E-11 | 1764 | 7.17E-11 | 1834 | 7.26E-11 | 1904 | 6.74E-11 | 1974 | 6.87E-11 |
| 1206 | 4.23E-12 | 1276 | 5.80E-11 | 1346 | 7.65E-11 | 1416 | 7.43E-11 | 1486 | 9.31E-11 | 1556 | 8.23E-11 | 1626 | 8.47E-11 | 1696 | 8.02E-11 | 1766 | 7.36E-11 | 1836 | 6.85E-11 | 1906 | 6.55E-11 | | |
| 1208 | 5.70E-12 | 1278 | 6.27E-11 | 1348 | 7.41E-11 | 1418 | 7.79E-11 | 1488 | 8.88E-11 | 1558 | 8.28E-11 | 1628 | 8.24E-11 | 1698 | 7.71E-11 | 1768 | 7.46E-11 | 1838 | 6.70E-11 | 1908 | 6.49E-11 | | |
| 1210 | 4.79E-12 | 1280 | 6.49E-11 | 1350 | 7.37E-11 | 1420 | 7.96E-11 | 1490 | 8.76E-11 | 1560 | 8.71E-11 | 1630 | 8.11E-11 | 1700 | 7.52E-11 | 1770 | 7.46E-11 | 1840 | 6.83E-11 | 1910 | 6.56E-11 | | |
| 1212 | 4.50E-12 | 1282 | 5.90E-11 | 1352 | 7.72E-11 | 1422 | 7.98E-11 | 1492 | 9.28E-11 | 1562 | 8.21E-11 | 1632 | 8.16E-11 | 1702 | 7.68E-11 | 1772 | 7.30E-11 | 1842 | 6.99E-11 | 1912 | 6.77E-11 | | |
| 1214 | 4.09E-12 | 1284 | 5.44E-11 | 1354 | 7.93E-11 | 1424 | 7.93E-11 | 1494 | 9.35E-11 | 1564 | 8.25E-11 | 1634 | 8.34E-11 | 1704 | 7.58E-11 | 1774 | 7.16E-11 | 1844 | 7.18E-11 | 1914 | 6.85E-11 | | |
| 1216 | 2.95E-12 | 1286 | 5.59E-11 | 1356 | 7.73E-11 | 1426 | 7.51E-11 | 1496 | 9.94E-11 | 1566 | 7.99E-11 | 1636 | 8.17E-11 | 1706 | 7.52E-11 | 1776 | 7.16E-11 | 1846 | 7.09E-11 | 1916 | 6.75E-11 | | |
| 1218 | 1.57E-12 | 1288 | 6.04E-11 | 1358 | 7.02E-11 | 1428 | 6.88E-11 | 1498 | 9.86E-11 | 1568 | 7.86E-11 | 1638 | 7.88E-11 | 1708 | 7.46E-11 | 1778 | 7.34E-11 | 1848 | 6.97E-11 | 1918 | 6.62E-11 | | |
| 1220 | 1.06E-12 | 1290 | 5.89E-11 | 1360 | 7.13E-11 | 1430 | 7.13E-11 | 1500 | 9.44E-11 | 1570 | 8.00E-11 | 1640 | 7.94E-11 | 1710 | 7.41E-11 | 1780 | 7.11E-11 | 1850 | 6.85E-11 | 1920 | | | |


HD 149212 A0 III
V=5.00 (B-V)=-0.06 E(B-V)=-0.03
LAP: SWP 32914
FLUX ($10^{-11}$ ERGS CM$^{-2}$ S$^{-1}$ Å$^{-1}$)
0
3
6
9
12
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
WAVELENGTH (Å)

**HD 149212 A0 III V=5.00 (B-V)=-0.06 E(B-V)=-0.03**

**LAP: LWP 12658**

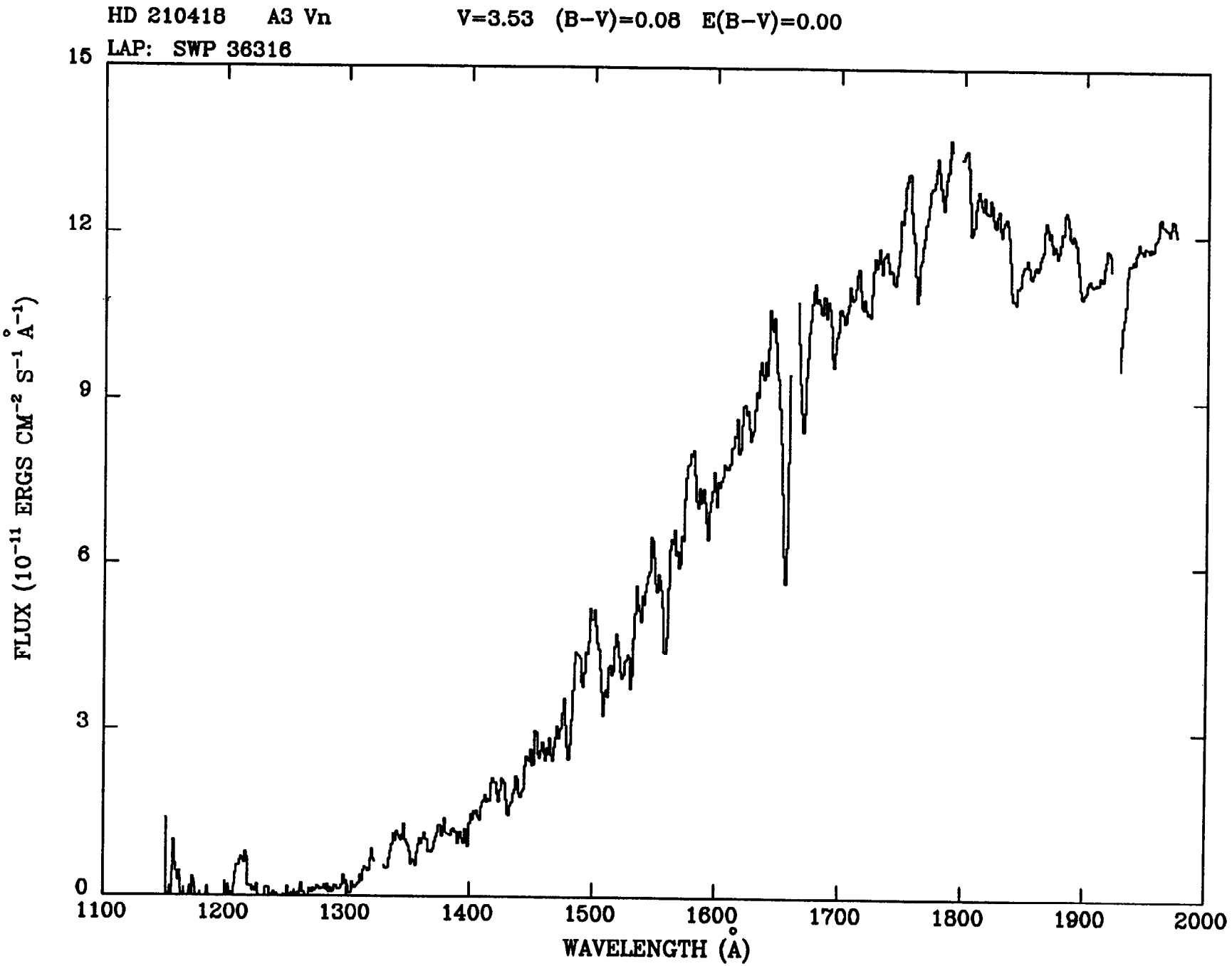
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 7.01E-11 | 2078 | 7.90E-11 | 2180 | 5.45E-11 | 2282 | 5.63E-11 | 2384 | 4.13E-11 | 2486 | 4.83E-11 | 2588 | 4.40E-11 | 2690 | 4.40E-11 | 2792 | 4.12E-11 | 2894 | 4.07E-11 | 2996 | 4.37E-11 | 3098 | 4.36E-11 |
| 1978 | 7.20E-11 | 2080 | 6.91E-11 | 2182 | 5.55E-11 | 2284 | 5.27E-11 | 2386 | 3.71E-11 | 2488 | 4.87E-11 | 2590 | 4.40E-11 | 2692 | 4.48E-11 | 2794 | 3.97E-11 | 2896 | 4.01E-11 | 2998 | 4.42E-11 | 3100 | 4.47E-11 |
| 1980 | 6.45E-11 | 2082 | 6.26E-11 | 2184 | 5.81E-11 | 2286 | 5.46E-11 | 2388 | 3.95E-11 | 2490 | 5.13E-11 | 2592 | 4.38E-11 | 2694 | 4.44E-11 | 2796 | 3.65E-11 | 2898 | 4.18E-11 | 3000 | 4.46E-11 | 3102 | 4.51E-11 |
| 1982 | 6.91E-11 | 2084 | 7.11E-11 | 2186 | 6.14E-11 | 2288 | 5.50E-11 | 2390 | 4.29E-11 | 2492 | 4.91E-11 | 2594 | 4.44E-11 | 2696 | 4.57E-11 | 2798 | 3.21E-11 | 2900 | 4.21E-11 | 3002 | 4.48E-11 | 3104 | 4.40E-11 |
| 1984 | 7.50E-11 | 2086 | 7.89E-11 | 2188 | 6.45E-11 | 2290 | 5.19E-11 | 2392 | 4.28E-11 | 2494 | 4.63E-11 | 2596 | 4.59E-11 | 2698 | 4.41E-11 | 2800 | 3.01E-11 | 2902 | 4.26E-11 | 3004 | 4.46E-11 | 3106 | 4.32E-11 |
| 1986 | 6.96E-11 | 2088 | 7.02E-11 | 2190 | 5.85E-11 | 2292 | 5.28E-11 | 2394 | 4.43E-11 | 2496 | 4.78E-11 | 2598 | 4.62E-11 | 2700 | 4.42E-11 | 2802 | 3.16E-11 | 2904 | 4.39E-11 | 3006 | 4.43E-11 | 3108 | 4.32E-11 |
| 1988 | 7.28E-11 | 2090 | 6.47E-11 | 2192 | 5.22E-11 | 2294 | 5.92E-11 | 2396 | 4.47E-11 | 2498 | 4.70E-11 | 2600 | 4.47E-11 | 2702 | 4.36E-11 | 2804 | 3.22E-11 | 2906 | 4.44E-11 | 3008 | 4.37E-11 | 3110 | 4.34E-11 |
| 1990 | 6.90E-11 | 2092 | 7.32E-11 | 2194 | 5.59E-11 | 2296 | 6.07E-11 | 2398 | 4.42E-11 | 2500 | 4.71E-11 | 2602 | 4.20E-11 | 2704 | 4.28E-11 | 2806 | 3.22E-11 | 2908 | 4.41E-11 | 3010 | 4.39E-11 | 3112 | 4.34E-11 |
| 1992 | 6.44E-11 | 2094 | 7.42E-11 | 2196 | 5.74E-11 | 2298 | 5.96E-11 | 2400 | 4.24E-11 | 2502 | 5.01E-11 | 2604 | 4.26E-11 | 2706 | 4.34E-11 | 2808 | 3.44E-11 | 2910 | 4.33E-11 | 3012 | 4.44E-11 | 3114 | 4.41E-11 |
| 1994 | 7.15E-11 | 2096 | 6.48E-11 | 2198 | 6.29E-11 | 2300 | 5.19E-11 | 2402 | 4.08E-11 | 2504 | 5.01E-11 | 2606 | 4.48E-11 | 2708 | 4.42E-11 | 2810 | 3.92E-11 | 2912 | 4.32E-11 | 3014 | 4.40E-11 | 3116 | 4.43E-11 |
| 1996 | 7.07E-11 | 2098 | 7.12E-11 | 2200 | 6.79E-11 | 2302 | 5.00E-11 | 2404 | 4.11E-11 | 2506 | 4.83E-11 | 2608 | 4.46E-11 | 2710 | 4.38E-11 | 2812 | 4.33E-11 | 2914 | 4.35E-11 | 3016 | 4.44E-11 | 3118 | 4.32E-11 |
| 1998 | 6.38E-11 | 2100 | 6.54E-11 | 2202 | 6.13E-11 | 2304 | 5.18E-11 | 2406 | 4.03E-11 | 2508 | 4.68E-11 | 2610 | 4.15E-11 | 2712 | 4.30E-11 | 2814 | 4.36E-11 | 2916 | 4.34E-11 | 3018 | 4.50E-11 | 3120 | 4.30E-11 |
| 2000 | 7.00E-11 | 2102 | 6.38E-11 | 2204 | 6.08E-11 | 2306 | 4.82E-11 | 2408 | 4.07E-11 | 2510 | 4.78E-11 | 2612 | 4.28E-11 | 2714 | 4.26E-11 | 2816 | 4.35E-11 | 2918 | 4.33E-11 | 3020 | 4.51E-11 | 3122 | 4.32E-11 |
| 2002 | 6.52E-11 | 2104 | 6.89E-11 | 2206 | 5.89E-11 | 2308 | 4.82E-11 | 2410 | 4.30E-11 | 2512 | 4.81E-11 | 2614 | 4.39E-11 | 2716 | 4.25E-11 | 2818 | 4.32E-11 | 2920 | 4.43E-11 | 3022 | 4.46E-11 | 3124 | 4.39E-11 |
| 2004 | 7.34E-11 | 2106 | 6.60E-11 | 2208 | 5.63E-11 | 2310 | 5.05E-11 | 2412 | 4.22E-11 | 2514 | 4.61E-11 | 2616 | 4.32E-11 | 2718 | 4.41E-11 | 2820 | 4.46E-11 | 2922 | 4.43E-11 | 3024 | 4.42E-11 | 3126 | 4.36E-11 |
| 2006 | 6.88E-11 | 2108 | 6.86E-11 | 2210 | 6.15E-11 | 2312 | 5.07E-11 | 2414 | 4.01E-11 | 2516 | 4.52E-11 | 2618 | 4.24E-11 | 2720 | 4.52E-11 | 2822 | 4.62E-11 | 2924 | 4.26E-11 | 3026 | 4.36E-11 | 3128 | 4.39E-11 |
| 2008 | 6.77E-11 | 2110 | 7.48E-11 | 2212 | 5.80E-11 | 2314 | 5.43E-11 | 2416 | 4.00E-11 | 2518 | 4.64E-11 | 2620 | 4.38E-11 | 2722 | 4.53E-11 | 2824 | 4.62E-11 | 2926 | 4.13E-11 | 3028 | 4.26E-11 | 3130 | 4.34E-11 |
| 2010 | 6.52E-11 | 2112 | 7.19E-11 | 2214 | 5.49E-11 | 2316 | 5.36E-11 | 2418 | 4.27E-11 | 2520 | 4.74E-11 | 2622 | 4.70E-11 | 2724 | 4.46E-11 | 2826 | 4.53E-11 | 2928 | 4.15E-11 | 3030 | 4.29E-11 | 3132 | 4.25E-11 |
| 2012 | 6.52E-11 | 2114 | 6.57E-11 | 2216 | 5.88E-11 | 2318 | 5.10E-11 | 2420 | 4.44E-11 | 2522 | 4.42E-11 | 2624 | 4.88E-11 | 2726 | 4.47E-11 | 2828 | 4.46E-11 | 2930 | 4.21E-11 | 3032 | 4.36E-11 | 3134 | 4.28E-11 |
| 2014 | 7.50E-11 | 2116 | 6.83E-11 | 2218 | 6.06E-11 | 2320 | 4.79E-11 | 2422 | 4.41E-11 | 2524 | 4.30E-11 | 2626 | 4.86E-11 | 2728 | 4.39E-11 | 2830 | 4.48E-11 | 2932 | 4.21E-11 | 3034 | 4.36E-11 | 3136 | 4.38E-11 |
| 2016 | 7.92E-11 | 2118 | 6.52E-11 | 2220 | 5.54E-11 | 2322 | 4.79E-11 | 2424 | 4.40E-11 | 2526 | 4.55E-11 | 2628 | 4.63E-11 | 2730 | 4.44E-11 | 2832 | 4.34E-11 | 2934 | 4.22E-11 | 3036 | 4.32E-11 | 3138 | 4.39E-11 |
| 2018 | 7.25E-11 | 2120 | 6.89E-11 | 2222 | 5.25E-11 | 2324 | 5.08E-11 | 2426 | 4.57E-11 | 2528 | 4.50E-11 | 2630 | 4.41E-11 | 2732 | 4.52E-11 | 2834 | 4.34E-11 | 2936 | 4.18E-11 | 3038 | 4.28E-11 | 3140 | 4.35E-11 |
| 2020 | 7.02E-11 | 2122 | 8.10E-11 | 2224 | 5.61E-11 | 2326 | 5.31E-11 | 2428 | 4.73E-11 | 2530 | 4.34E-11 | 2632 | 4.39E-11 | 2734 | 4.56E-11 | 2836 | 4.41E-11 | 2938 | 4.22E-11 | 3040 | 4.34E-11 | 3142 | 4.43E-11 |
| 2022 | 7.10E-11 | 2124 | 6.62E-11 | 2226 | 5.56E-11 | 2328 | 4.87E-11 | 2430 | 4.71E-11 | 2532 | 4.17E-11 | 2634 | 4.35E-11 | 2736 | 4.73E-11 | 2838 | 4.39E-11 | 2940 | 4.21E-11 | 3042 | 4.40E-11 | 3144 | 4.55E-11 |
| 2024 | 7.01E-11 | 2126 | 6.47E-11 | 2228 | 5.17E-11 | 2330 | 4.84E-11 | 2432 | 4.54E-11 | 2534 | 4.38E-11 | 2636 | 4.37E-11 | 2738 | 4.78E-11 | 2840 | 4.36E-11 | 2942 | 4.18E-11 | 3044 | 4.36E-11 | 3146 | 4.57E-11 |
| 2026 | 6.80E-11 | 2128 | 7.16E-11 | 2230 | 5.33E-11 | 2332 | 4.48E-11 | 2434 | 4.51E-11 | 2536 | 4.48E-11 | 2638 | 4.82E-11 | 2740 | 4.61E-11 | 2842 | 4.30E-11 | 2944 | 4.23E-11 | 3046 | 4.27E-11 | 3148 | 4.54E-11 |
| 2028 | 7.06E-11 | 2130 | 6.90E-11 | 2232 | 5.88E-11 | 2334 | 4.47E-11 | 2436 | 4.18E-11 | 2538 | 4.32E-11 | 2640 | 5.07E-11 | 2742 | 4.33E-11 | 2844 | 4.20E-11 | 2946 | 4.18E-11 | 3048 | 4.20E-11 | 3150 | 4.43E-11 |
| 2030 | 6.94E-11 | 2132 | 5.88E-11 | 2234 | 5.80E-11 | 2336 | 4.86E-11 | 2438 | 4.26E-11 | 2540 | 4.27E-11 | 2642 | 4.93E-11 | 2744 | 4.19E-11 | 2846 | 4.10E-11 | 2948 | 4.13E-11 | 3050 | 4.19E-11 | 3152 | 4.41E-11 |
| 2032 | 7.44E-11 | 2134 | 5.27E-11 | 2236 | 5.75E-11 | 2338 | 4.82E-11 | 2440 | 4.68E-11 | 2542 | 4.24E-11 | 2644 | 4.77E-11 | 2746 | 4.34E-11 | 2848 | | 2950 | 4.22E-11 | 3052 | 4.16E-11 | 3154 | 4.22E-11 |
| 2034 | 7.45E-11 | 2136 | 5.72E-11 | 2238 | 5.56E-11 | 2340 | 4.62E-11 | 2442 | 4.85E-11 | 2544 | 4.37E-11 | 2646 | | 2748 | 4.22E-11 | 2850 | | 2952 | 4.31E-11 | 3054 | | 3156 | 4.11E-11 |
| 2036 | 7.00E-11 | 2138 | 6.15E-11 | 2240 | 5.70E-11 | 2342 | 4.47E-11 | 2444 | 4.76E-11 | 2546 | 4.37E-11 | 2648 | 4.73E-11 | 2750 | 4.07E-11 | 2852 | | 2954 | 4.26E-11 | 3056 | | 3158 | 4.36E-11 |
| 2038 | 6.76E-11 | 2140 | 5.54E-11 | 2242 | 5.42E-11 | 2344 | 4.61E-11 | 2446 | 4.76E-11 | 2548 | 4.33E-11 | 2650 | 4.80E-11 | 2752 | 3.96E-11 | 2854 | | 2956 | 4.37E-11 | 3058 | | 3160 | 4.48E-11 |
| 2040 | 6.46E-11 | 2142 | 5.63E-11 | 2244 | 5.12E-11 | 2346 | 4.48E-11 | 2448 | 4.89E-11 | 2550 | 4.36E-11 | 2652 | 5.00E-11 | 2754 | 3.97E-11 | 2856 | 4.05E-11 | 2958 | 4.45E-11 | 3060 | | 3162 | 4.34E-11 |
| 2042 | 6.84E-11 | 2144 | 5.63E-11 | 2246 | 5.15E-11 | 2348 | 4.15E-11 | 2450 | 4.69E-11 | 2552 | 4.31E-11 | 2654 | 5.08E-11 | 2756 | 4.05E-11 | 2858 | 4.07E-11 | 2960 | 4.37E-11 | 3062 | 4.30E-11 | 3164 | 4.29E-11 |
| 2044 | 7.22E-11 | 2146 | 5.77E-11 | 2248 | 5.37E-11 | 2350 | 4.26E-11 | 2452 | 4.71E-11 | 2554 | 4.27E-11 | 2656 | 4.87E-11 | 2758 | 4.16E-11 | 2860 | 4.11E-11 | 2962 | 4.25E-11 | 3064 | 4.20E-11 | 3166 | 4.31E-11 |
| 2046 | 6.99E-11 | 2148 | 6.07E-11 | 2250 | 5.02E-11 | 2352 | 4.55E-11 | 2454 | 4.87E-11 | 2556 | 4.46E-11 | 2658 | 4.78E-11 | 2760 | 4.18E-11 | 2862 | 4.17E-11 | 2964 | 4.18E-11 | 3066 | 4.17E-11 | 3168 | 4.29E-11 |
| 2048 | 7.21E-11 | 2150 | 6.10E-11 | 2252 | 4.74E-11 | 2354 | 4.57E-11 | 2456 | 4.82E-11 | 2558 | 4.63E-11 | 2660 | 4.84E-11 | 2762 | 4.15E-11 | 2864 | 4.18E-11 | 2966 | 4.20E-11 | 3068 | 4.23E-11 | 3170 | 4.33E-11 |
| 2050 | 6.90E-11 | 2152 | 5.97E-11 | 2254 | 5.09E-11 | 2356 | 4.68E-11 | 2458 | 4.62E-11 | 2560 | 4.62E-11 | 2662 | 4.70E-11 | 2764 | 4.15E-11 | 2866 | 4.20E-11 | 2968 | 4.25E-11 | 3070 | 4.17E-11 | 3172 | 4.42E-11 |
| 2052 | 6.89E-11 | 2154 | 6.33E-11 | 2256 | 5.21E-11 | 2358 | 4.52E-11 | 2460 | 4.72E-11 | 2562 | 4.44E-11 | 2664 | 4.59E-11 | 2766 | 4.27E-11 | 2868 | 4.23E-11 | 2970 | 4.29E-11 | 3072 | 4.16E-11 | 3174 | 4.46E-11 |
| 2054 | 7.07E-11 | 2156 | 6.38E-11 | 2258 | 5.17E-11 | 2360 | 4.64E-11 | 2462 | 4.81E-11 | 2564 | 4.40E-11 | 2666 | 4.48E-11 | 2768 | 4.34E-11 | 2870 | 4.24E-11 | 2972 | 4.27E-11 | 3074 | 4.12E-11 | 3176 | 4.36E-11 |
| 2056 | 7.48E-11 | 2158 | 6.18E-11 | 2260 | 4.93E-11 | 2362 | 4.67E-11 | 2464 | 4.79E-11 | 2566 | 4.20E-11 | 2668 | 4.45E-11 | 2770 | 4.23E-11 | 2872 | 4.25E-11 | 2974 | 4.31E-11 | 3076 | 4.12E-11 | 3178 | 4.32E-11 |
| 2058 | 8.08E-11 | 2160 | 6.66E-11 | 2262 | 4.68E-11 | 2364 | 4.48E-11 | 2466 | 4.45E-11 | 2568 | 4.38E-11 | 2670 | 4.57E-11 | 2772 | 4.19E-11 | 2874 | 4.19E-11 | 2976 | 4.43E-11 | 3078 | 4.17E-11 | 3180 | 4.26E-11 |
| 2060 | 7.03E-11 | 2162 | 6.23E-11 | 2264 | 5.29E-11 | 2366 | 4.49E-11 | 2468 | 4.44E-11 | 2570 | 4.65E-11 | 2672 | 4.50E-11 | 2774 | 4.32E-11 | 2876 | 4.14E-11 | 2978 | 4.36E-11 | 3080 | 4.18E-11 | 3182 | 4.27E-11 |
| 2062 | 6.64E-11 | 2164 | 6.09E-11 | 2266 | 5.33E-11 | 2368 | 4.54E-11 | 2470 | 4.86E-11 | 2572 | 4.63E-11 | 2674 | 4.47E-11 | 2776 | 4.38E-11 | 2878 | 4.19E-11 | 2980 | 4.36E-11 | 3082 | 4.17E-11 | 3184 | 4.33E-11 |
| 2064 | 6.61E-11 | 2166 | 6.03E-11 | 2268 | 5.14E-11 | 2370 | 4.42E-11 | 2472 | 4.74E-11 | 2574 | 4.65E-11 | 2676 | 4.52E-11 | 2778 | 4.40E-11 | 2880 | 4.21E-11 | 2982 | 4.37E-11 | 3084 | 4.23E-11 | 3186 | 4.18E-11 |
| 2066 | 7.23E-11 | 2168 | 5.57E-11 | 2270 | 5.00E-11 | 2372 | 4.52E-11 | 2474 | 4.56E-11 | 2576 | 4.82E-11 | 2678 | 4.56E-11 | 2780 | 4.32E-11 | 2882 | 4.28E-11 | 2984 | 4.43E-11 | 3086 | 4.29E-11 | 3188 | 4.06E-11 |
| 2068 | 6.84E-11 | 2170 | 6.50E-11 | 2272 | 4.92E-11 | 2374 | 4.49E-11 | 2476 | 4.42E-11 | 2578 | 4.77E-11 | 2680 | 4.62E-11 | 2782 | 4.23E-11 | 2884 | 4.29E-11 | 2986 | 4.41E-11 | 3088 | 4.31E-11 | 3190 | 4.21E-11 |
| 2070 | 6.45E-11 | 2172 | 5.96E-11 | 2274 | 5.33E-11 | 2376 | 4.54E-11 | 2478 | 4.53E-11 | 2580 | 4.65E-11 | 2682 | 4.58E-11 | 2784 | 4.28E-11 | 2886 | 4.30E-11 | 2988 | 4.40E-11 | 3090 | 4.31E-11 | 3192 | 4.31E-11 |
| 2072 | 6.40E-11 | 2174 | 5.57E-11 | 2276 | 5.75E-11 | 2378 | 4.35E-11 | 2480 | 4.76E-11 | 2582 | 4.44E-11 | 2684 | 4.52E-11 | 2786 | 4.26E-11 | 2888 | 4.42E-11 | 2990 | 4.42E-11 | 3092 | 4.17E-11 | 3194 | 4.27E-11 |
| 2074 | 6.43E-11 | 2176 | 6.01E-11 | 2278 | 5.65E-11 | 2380 | 4.39E-11 | 2482 | 4.81E-11 | 2584 | 4.55E-11 | 2686 | 4.55E-11 | 2788 | 4.28E-11 | 2890 | 4.36E-11 | 2992 | 4.36E-11 | 3094 | 4.21E-11 | 3196 | 4.27E-11 |
| 2076 | 7.40E-11 | 2178 | 6.23E-11 | 2280 | 5.53E-11 | 2382 | 4.45E-11 | 2484 | 4.79E-11 | 2586 | 4.56E-11 | 2688 | 4.44E-11 | 2790 | 4.24E-11 | 2892 | 4.19E-11 | 2994 | 4.36E-11 | 3096 | 4.34E-11 | 3198 | 4.42E-11 |


HD 149212 A0 III V=5.00 (B-V)=-0.06 E(B-V)=-0.03
LAP: LWP 12658
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

HD 210418 A3 Vn V=3.53 (B-V)=0.08 E(B-V)=0.00

LAP: SWP 36316

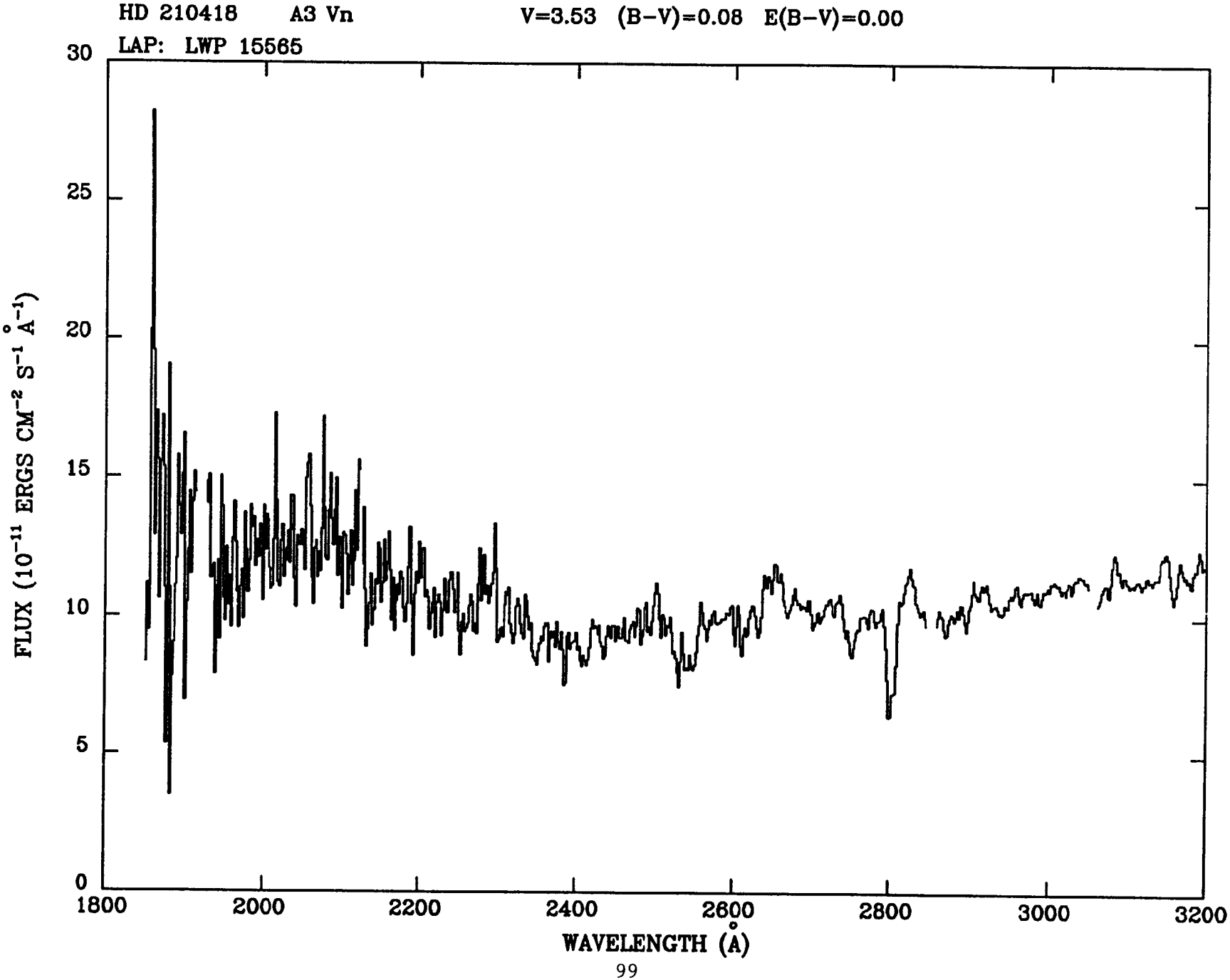
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 3.99E-12 | 1222 | 1.54E-12 | 1292 | 1.57E-12 | 1362 | 1.03E-11 | 1432 | 1.53E-11 | 1502 | 5.03E-11 | 1572 | 6.37E-11 | 1642 | 1.01E-10 | 1712 | 1.10E-10 | 1782 | 1.27E-10 | 1852 | 1.15E-10 | 1922 | 1.14E-10 |
| 1154 | -2.13E-13 | 1224 | 1.21E-12 | 1294 | 1.28E-12 | 1364 | 1.09E-11 | 1434 | 1.70E-11 | 1504 | 4.58E-11 | 1574 | 6.83E-11 | 1644 | 1.04E-10 | 1714 | 1.13E-10 | 1784 | 1.26E-10 | 1854 | 1.13E-10 | 1924 | |
| 1156 | -8.25E-13 | 1226 | 1.47E-12 | 1296 | 1.98E-12 | 1366 | 9.65E-12 | 1436 | 1.90E-11 | 1506 | 4.17E-11 | 1576 | 7.62E-11 | 1646 | 1.04E-10 | 1716 | 1.11E-10 | 1786 | 1.30E-10 | 1856 | 1.13E-10 | 1926 | |
| 1158 | 8.01E-12 | 1228 | 9.95E-15 | 1298 | 2.94E-12 | 1368 | 8.20E-12 | 1438 | 2.13E-11 | 1508 | 3.47E-11 | 1578 | 7.86E-11 | 1648 | 9.92E-11 | 1718 | 1.07E-10 | 1788 | 1.34E-10 | 1858 | 1.14E-10 | 1928 | 9.59E-11 |
| 1160 | 4.98E-12 | 1230 | -1.35E-12 | 1300 | 2.48E-12 | 1370 | 8.41E-12 | 1440 | 1.90E-11 | 1510 | 3.69E-11 | 1580 | 8.00E-11 | 1650 | 9.30E-11 | 1720 | 1.08E-10 | 1790 | 1.36E-10 | 1860 | 1.14E-10 | 1930 | 1.02E-10 |
| 1162 | 3.47E-12 | 1232 | -5.36E-13 | 1302 | 8.38E-13 | 1372 | 1.01E-11 | 1442 | 1.86E-11 | 1512 | 3.74E-11 | 1582 | 7.90E-11 | 1652 | 8.47E-11 | 1722 | 1.06E-10 | 1792 | | 1862 | 1.15E-10 | 1932 | 1.05E-10 |
| 1164 | -6.87E-13 | 1234 | 1.50E-12 | 1304 | 1.74E-12 | 1374 | 1.16E-11 | 1444 | 2.11E-11 | 1514 | 4.16E-11 | 1584 | 7.24E-11 | 1654 | 6.86E-11 | 1724 | 1.06E-10 | 1794 | | 1864 | 1.17E-10 | 1934 | 1.11E-10 |
| 1166 | 4.10E-13 | 1236 | 1.26E-12 | 1306 | 1.68E-12 | 1376 | 1.28E-11 | 1446 | 2.49E-11 | 1516 | 4.04E-11 | 1586 | 7.26E-11 | 1656 | 5.91E-11 | 1726 | 1.11E-10 | 1796 | | 1866 | 1.21E-10 | 1936 | 1.15E-10 |
| 1168 | -5.08E-12 | 1238 | 1.94E-14 | 1308 | 1.85E-12 | 1378 | 1.16E-11 | 1448 | 2.46E-11 | 1518 | 4.48E-11 | 1588 | 7.20E-11 | 1658 | 7.27E-11 | 1728 | 1.15E-10 | 1798 | 1.34E-10 | 1868 | 1.22E-10 | 1938 | 1.15E-10 |
| 1170 | -3.89E-13 | 1240 | 7.57E-13 | 1310 | 2.48E-12 | 1380 | 1.31E-11 | 1450 | 2.53E-11 | 1520 | 4.63E-11 | 1590 | 7.30E-11 | 1660 | 9.47E-11 | 1730 | 1.15E-10 | 1800 | 1.34E-10 | 1870 | 1.20E-10 | 1940 | 1.16E-10 |
| 1172 | 1.03E-12 | 1242 | -9.43E-15 | 1312 | 3.22E-12 | 1382 | 1.14E-11 | 1452 | 2.57E-11 | 1522 | 4.20E-11 | 1592 | 6.86E-11 | 1662 | | 1732 | 1.16E-10 | 1802 | 1.35E-10 | 1872 | 1.19E-10 | 1942 | 1.17E-10 |
| 1174 | 3.10E-12 | 1244 | -5.76E-14 | 1314 | 4.60E-12 | 1384 | 1.11E-11 | 1454 | 2.93E-11 | 1524 | 3.99E-11 | 1594 | 6.73E-11 | 1664 | | 1734 | 1.14E-10 | 1804 | 1.29E-10 | 1874 | 1.18E-10 | 1944 | 1.18E-10 |
| 1176 | -3.84E-13 | 1246 | -1.10E-12 | 1316 | 5.12E-12 | 1386 | 1.21E-11 | 1456 | 2.54E-11 | 1526 | 4.18E-11 | 1596 | 7.20E-11 | 1666 | 1.04E-10 | 1736 | 1.16E-10 | 1806 | 1.21E-10 | 1876 | 1.17E-10 | 1946 | 1.18E-10 |
| 1178 | -1.65E-12 | 1248 | 1.23E-13 | 1318 | 4.63E-12 | 1388 | 1.18E-11 | 1458 | 2.67E-11 | 1528 | 4.32E-11 | 1598 | 7.56E-11 | 1668 | 9.23E-11 | 1738 | 1.16E-10 | 1808 | 1.22E-10 | 1878 | 1.18E-10 | 1948 | 1.18E-10 |
| 1180 | -5.52E-13 | 1250 | 3.54E-13 | 1320 | 7.05E-12 | 1390 | 1.07E-11 | 1460 | 2.64E-11 | 1530 | 4.16E-11 | 1600 | 7.24E-11 | 1670 | 8.57E-11 | 1740 | 1.14E-10 | 1810 | 1.26E-10 | 1880 | 1.20E-10 | 1950 | 1.18E-10 |
| 1182 | -4.16E-12 | 1252 | 7.87E-13 | 1322 | 7.15E-12 | 1392 | 1.15E-11 | 1462 | 2.58E-11 | 1532 | 4.08E-11 | 1602 | 7.44E-11 | 1672 | 9.13E-11 | 1742 | 1.13E-10 | 1812 | 1.27E-10 | 1882 | 1.22E-10 | 1952 | 1.18E-10 |
| 1184 | -9.29E-13 | 1254 | 3.44E-13 | 1324 | 6.39E-12 | 1394 | 1.05E-11 | 1464 | 2.69E-11 | 1534 | 4.94E-11 | 1604 | 7.52E-11 | 1674 | 9.97E-11 | 1744 | 1.11E-10 | 1814 | 1.26E-10 | 1884 | 1.24E-10 | 1954 | 1.18E-10 |
| 1186 | 8.22E-13 | 1256 | 1.61E-13 | 1326 | | 1396 | 1.12E-11 | 1466 | 2.60E-11 | 1536 | 5.48E-11 | 1606 | 7.74E-11 | 1676 | 1.05E-10 | 1746 | 1.14E-10 | 1816 | 1.26E-10 | 1886 | 1.22E-10 | 1956 | 1.18E-10 |
| 1188 | -1.93E-12 | 1258 | 1.21E-13 | 1328 | | 1398 | 1.01E-11 | 1468 | 2.60E-11 | 1538 | 5.15E-11 | 1608 | 7.79E-11 | 1678 | 1.09E-10 | 1748 | 1.18E-10 | 1818 | 1.24E-10 | 1888 | 1.20E-10 | 1958 | 1.20E-10 |
| 1190 | -2.52E-12 | 1260 | 2.36E-13 | 1330 | 5.55E-12 | 1400 | 1.27E-11 | 1470 | 2.96E-11 | 1540 | 5.25E-11 | 1610 | 7.78E-11 | 1680 | 1.10E-10 | 1750 | 1.23E-10 | 1820 | 1.25E-10 | 1890 | 1.20E-10 | 1960 | 1.22E-10 |
| 1192 | -2.57E-12 | 1262 | 1.48E-12 | 1332 | 5.08E-12 | 1402 | 1.43E-11 | 1472 | 2.93E-11 | 1542 | 5.37E-11 | 1612 | 8.01E-11 | 1682 | 1.08E-10 | 1752 | 1.26E-10 | 1822 | 1.26E-10 | 1892 | 1.18E-10 | 1962 | 1.23E-10 |
| 1194 | | 1264 | 1.14E-12 | 1334 | 5.68E-12 | 1404 | 1.52E-11 | 1474 | 3.05E-11 | 1544 | 5.69E-11 | 1614 | 8.25E-11 | 1684 | 1.06E-10 | 1754 | 1.30E-10 | 1824 | 1.23E-10 | 1894 | 1.14E-10 | 1964 | 1.22E-10 |
| 1196 | | 1266 | 3.60E-13 | 1336 | 7.90E-12 | 1406 | 1.51E-11 | 1476 | 3.44E-11 | 1546 | 5.92E-11 | 1616 | 8.44E-11 | 1686 | 1.07E-10 | 1756 | 1.30E-10 | 1826 | 1.22E-10 | 1896 | 1.10E-10 | 1966 | 1.22E-10 |
| 1198 | | 1268 | -8.62E-13 | 1338 | 1.03E-11 | 1408 | 1.43E-11 | 1478 | 3.03E-11 | 1548 | 6.48E-11 | 1618 | 8.23E-11 | 1688 | 1.08E-10 | 1758 | 1.23E-10 | 1828 | 1.24E-10 | 1898 | 1.09E-10 | 1968 | 1.21E-10 |
| 1200 | -1.18E-12 | 1270 | 1.14E-12 | 1340 | 1.06E-11 | 1410 | 1.66E-11 | 1480 | 2.58E-11 | 1550 | 6.03E-11 | 1620 | 8.33E-11 | 1690 | 1.07E-10 | 1760 | 1.17E-10 | 1830 | 1.20E-10 | 1900 | 1.10E-10 | 1970 | 1.22E-10 |
| 1202 | 5.28E-13 | 1272 | 1.05E-12 | 1342 | 1.12E-11 | 1412 | 1.76E-11 | 1482 | 2.97E-11 | 1552 | 5.59E-11 | 1622 | 8.87E-11 | 1692 | 1.05E-10 | 1762 | 1.10E-10 | 1832 | 1.22E-10 | 1902 | 1.12E-10 | 1972 | 1.23E-10 |
| 1204 | 1.90E-13 | 1274 | 1.07E-12 | 1344 | 1.03E-11 | 1414 | 1.75E-11 | 1484 | 3.82E-11 | 1554 | 5.70E-11 | 1624 | 8.81E-11 | 1694 | 9.79E-11 | 1764 | 1.12E-10 | 1834 | 1.23E-10 | 1904 | 1.12E-10 | 1974 | 1.21E-10 |
| 1206 | -6.62E-15 | 1276 | 1.68E-12 | 1346 | 1.18E-11 | 1416 | 1.74E-11 | 1486 | 4.36E-11 | 1556 | 5.43E-11 | 1626 | 8.62E-11 | 1696 | 9.87E-11 | 1766 | 1.17E-10 | 1836 | 1.21E-10 | 1906 | 1.11E-10 | | |
| 1208 | 2.86E-12 | 1278 | 1.40E-12 | 1348 | 1.07E-11 | 1418 | 2.08E-11 | 1488 | 4.36E-11 | 1558 | 4.59E-11 | 1628 | 8.31E-11 | 1698 | 1.02E-10 | 1768 | 1.20E-10 | 1838 | 1.13E-10 | 1908 | 1.11E-10 | | |
| 1210 | 5.29E-12 | 1280 | 1.36E-12 | 1350 | 9.29E-12 | 1420 | 2.08E-11 | 1490 | 4.14E-11 | 1560 | 4.58E-11 | 1630 | 8.52E-11 | 1700 | 1.07E-10 | 1770 | 1.23E-10 | 1840 | 1.09E-10 | 1910 | 1.11E-10 | | |
| 1212 | 6.12E-12 | 1282 | 1.68E-12 | 1352 | 7.21E-12 | 1422 | 1.94E-11 | 1492 | 3.87E-11 | 1562 | 5.86E-11 | 1632 | 9.03E-11 | 1702 | 1.06E-10 | 1772 | 1.26E-10 | 1842 | 1.08E-10 | 1912 | 1.12E-10 | | |
| 1214 | 6.91E-12 | 1284 | 1.66E-12 | 1354 | 6.45E-12 | 1424 | 1.80E-11 | 1494 | 4.27E-11 | 1564 | 6.42E-11 | 1634 | 9.27E-11 | 1704 | 1.04E-10 | 1774 | 1.28E-10 | 1844 | 1.11E-10 | 1914 | 1.12E-10 | | |
| 1216 | 6.69E-12 | 1286 | 1.06E-12 | 1356 | 6.06E-12 | 1426 | 2.08E-11 | 1496 | 4.48E-11 | 1566 | 6.52E-11 | 1636 | 9.62E-11 | 1706 | 1.07E-10 | 1776 | 1.29E-10 | 1846 | 1.12E-10 | 1916 | 1.15E-10 | | |
| 1218 | 6.80E-12 | 1288 | 8.16E-13 | 1358 | 8.62E-12 | 1428 | 2.03E-11 | 1498 | 5.07E-11 | 1568 | 6.21E-11 | 1638 | 9.44E-11 | 1708 | 1.10E-10 | 1778 | 1.33E-10 | 1848 | 1.14E-10 | 1918 | 1.17E-10 | | |
| 1220 | 1.79E-12 | 1290 | 1.56E-12 | 1360 | 1.00E-11 | 1430 | 1.62E-11 | 1500 | 5.01E-11 | 1570 | 6.01E-11 | 1640 | 9.59E-11 | 1710 | 1.09E-10 | 1780 | 1.31E-10 | 1850 | 1.15E-10 | 1920 | 1.17E-10 | | |


HD 210418 A3 Vn V=3.53 (B-V)=0.08 E(B-V)=0.00
LAP: SWP 36316
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 210418 A3 Vn V=3.53 (B-V)=0.08 E(B-V)=0.00**

**LAP: LWP 15565**

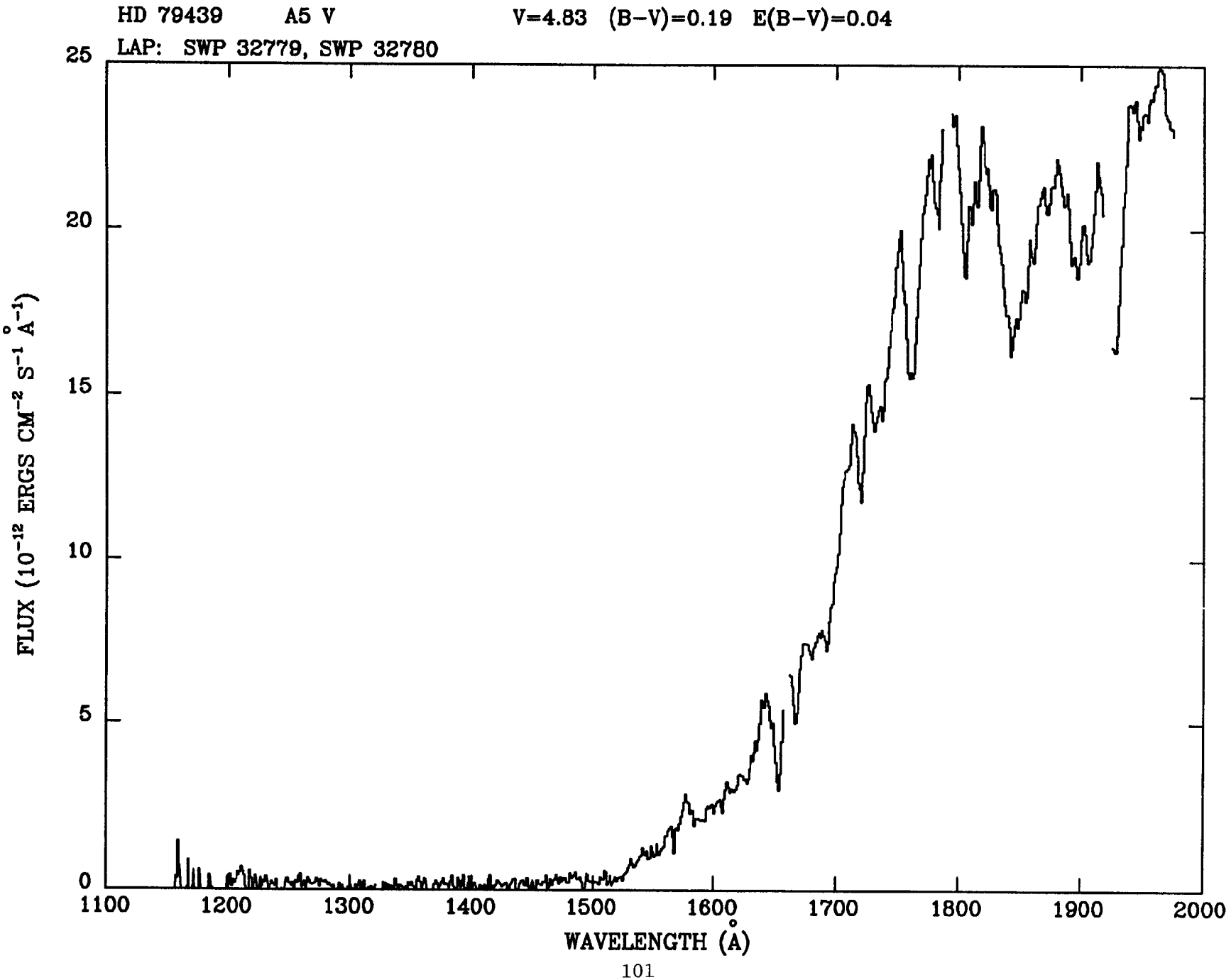
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.22E-10 | 2078 | 1.56E-10 | 2180 | 1.03E-10 | 2282 | 1.20E-10 | 2384 | 8.58E-11 | 2486 | 9.52E-11 | 2588 | 9.97E-11 | 2690 | 1.04E-10 | 2792 | 1.01E-10 | 2894 | 9.83E-11 | 2996 | 1.10E-10 | 3098 | 1.15E-10 |
| 1978 | 1.29E-10 | 2080 | 1.29E-10 | 2182 | 9.92E-11 | 2284 | 1.13E-10 | 2386 | 7.59E-11 | 2488 | 1.02E-10 | 2590 | 1.01E-10 | 2692 | 1.04E-10 | 2794 | 9.34E-11 | 2896 | 9.59E-11 | 2998 | 1.11E-10 | 3100 | 1.13E-10 |
| 1980 | 1.12E-10 | 2082 | 1.21E-10 | 2184 | 1.08E-10 | 2286 | 1.11E-10 | 2388 | 8.24E-11 | 2490 | 1.05E-10 | 2592 | 1.02E-10 | 2694 | 1.03E-10 | 2796 | 8.30E-11 | 2898 | 1.00E-10 | 3000 | 1.11E-10 | 3102 | 1.13E-10 |
| 1982 | 1.18E-10 | 2084 | 1.33E-10 | 2186 | 1.22E-10 | 2288 | 1.06E-10 | 2390 | 9.37E-11 | 2492 | 9.56E-11 | 2594 | 1.01E-10 | 2696 | 1.07E-10 | 2798 | 6.92E-11 | 2900 | 1.04E-10 | 3002 | 1.12E-10 | 3104 | 1.12E-10 |
| 1984 | 1.37E-10 | 2086 | 1.48E-10 | 2188 | 1.32E-10 | 2290 | 1.07E-10 | 2392 | 9.18E-11 | 2494 | 9.67E-11 | 2596 | 1.03E-10 | 2698 | 1.06E-10 | 2800 | 6.47E-11 | 2902 | 1.06E-10 | 3004 | 1.13E-10 | 3106 | 1.12E-10 |
| 1986 | 1.33E-10 | 2088 | 1.38E-10 | 2190 | 1.20E-10 | 2292 | 1.12E-10 | 2394 | 8.98E-11 | 2496 | 9.46E-11 | 2598 | 1.04E-10 | 2700 | 1.00E-10 | 2802 | 7.07E-11 | 2904 | 1.11E-10 | 3006 | 1.14E-10 | 3108 | 1.12E-10 |
| 1988 | 1.35E-10 | 2090 | 1.27E-10 | 2192 | 9.54E-11 | 2294 | 1.17E-10 | 2396 | 9.11E-11 | 2498 | 9.99E-11 | 2600 | 9.69E-11 | 2702 | 9.65E-11 | 2804 | 7.27E-11 | 2906 | 1.12E-10 | 3008 | 1.13E-10 | 3110 | 1.12E-10 |
| 1990 | 1.20E-10 | 2092 | 1.38E-10 | 2194 | 9.84E-11 | 2296 | 1.31E-10 | 2398 | 9.15E-11 | 2500 | 1.06E-10 | 2602 | 9.10E-11 | 2704 | 9.79E-11 | 2806 | 7.30E-11 | 2908 | 1.09E-10 | 3010 | 1.12E-10 | 3112 | 1.14E-10 |
| 1992 | 1.26E-10 | 2094 | 1.46E-10 | 2196 | 1.13E-10 | 2298 | 1.12E-10 | 2400 | 9.37E-11 | 2502 | 1.10E-10 | 2604 | 9.59E-11 | 2706 | 1.00E-10 | 2808 | 8.34E-11 | 2910 | 1.08E-10 | 3012 | 1.12E-10 | 3114 | 1.14E-10 |
| 1994 | 1.24E-10 | 2096 | 1.17E-10 | 2198 | 1.13E-10 | 2300 | 9.14E-11 | 2402 | 8.95E-11 | 2504 | 1.11E-10 | 2606 | 1.04E-10 | 2708 | 1.02E-10 | 2810 | 9.92E-11 | 2912 | 1.07E-10 | 3014 | 1.10E-10 | 3116 | 1.13E-10 |
| 1996 | 1.33E-10 | 2098 | 1.29E-10 | 2200 | 1.23E-10 | 2302 | 9.36E-11 | 2404 | 8.93E-11 | 2506 | 1.05E-10 | 2608 | 1.01E-10 | 2710 | 1.00E-10 | 2812 | 1.06E-10 | 2914 | 1.10E-10 | 3016 | 1.10E-10 | 3118 | 1.11E-10 |
| 1998 | 1.23E-10 | 2100 | 1.21E-10 | 2202 | 1.17E-10 | 2304 | 9.61E-11 | 2406 | 8.45E-11 | 2508 | 9.59E-11 | 2610 | 8.94E-11 | 2712 | 9.94E-11 | 2814 | 1.05E-10 | 2916 | 1.12E-10 | 3018 | 1.11E-10 | 3120 | 1.12E-10 |
| 2000 | 1.26E-10 | 2102 | 1.13E-10 | 2204 | 1.23E-10 | 2306 | 9.48E-11 | 2408 | 8.27E-11 | 2510 | 9.79E-11 | 2612 | 8.78E-11 | 2714 | 1.01E-10 | 2816 | 1.07E-10 | 2918 | 1.11E-10 | 3020 | 1.10E-10 | 3122 | 1.13E-10 |
| 2002 | 1.26E-10 | 2104 | 1.30E-10 | 2206 | 1.25E-10 | 2308 | 9.93E-11 | 2410 | 8.61E-11 | 2512 | 1.00E-10 | 2614 | 9.47E-11 | 2716 | 1.03E-10 | 2818 | 1.11E-10 | 2920 | 1.12E-10 | 3022 | 1.10E-10 | 3124 | 1.15E-10 |
| 2004 | 1.35E-10 | 2106 | 1.26E-10 | 2208 | 1.07E-10 | 2310 | 1.07E-10 | 2412 | 8.41E-11 | 2514 | 9.54E-11 | 2616 | 9.57E-11 | 2718 | 1.05E-10 | 2820 | 1.13E-10 | 2922 | 1.12E-10 | 3024 | 1.12E-10 | 3126 | 1.15E-10 |
| 2006 | 1.34E-10 | 2108 | 1.14E-10 | 2210 | 1.09E-10 | 2312 | 1.09E-10 | 2414 | 8.33E-11 | 2516 | 9.66E-11 | 2618 | 9.38E-11 | 2720 | 1.05E-10 | 2822 | 1.15E-10 | 2924 | 1.09E-10 | 3026 | 1.13E-10 | 3128 | 1.14E-10 |
| 2008 | 1.17E-10 | 2110 | 1.15E-10 | 2212 | 1.05E-10 | 2314 | 1.10E-10 | 2416 | 8.62E-11 | 2518 | 9.69E-11 | 2620 | 9.68E-11 | 2722 | 1.07E-10 | 2824 | 1.17E-10 | 2926 | 1.06E-10 | 3028 | 1.11E-10 | 3130 | 1.14E-10 |
| 2010 | 1.10E-10 | 2112 | 1.27E-10 | 2214 | 9.70E-11 | 2316 | 1.00E-10 | 2418 | 9.19E-11 | 2520 | 9.99E-11 | 2622 | 1.01E-10 | 2724 | 1.07E-10 | 2826 | 1.16E-10 | 2928 | 1.04E-10 | 3030 | 1.10E-10 | 3132 | 1.13E-10 |
| 2012 | 1.15E-10 | 2114 | 1.16E-10 | 2216 | 1.03E-10 | 2318 | 9.48E-11 | 2420 | 9.76E-11 | 2522 | 9.47E-11 | 2624 | 1.04E-10 | 2726 | 1.05E-10 | 2828 | 1.13E-10 | 2930 | 1.04E-10 | 3032 | 1.13E-10 | 3134 | 1.14E-10 |
| 2014 | 1.41E-10 | 2116 | 1.18E-10 | 2218 | 1.07E-10 | 2320 | 9.07E-11 | 2422 | 9.75E-11 | 2524 | 8.73E-11 | 2626 | 1.04E-10 | 2728 | 1.02E-10 | 2830 | 1.12E-10 | 2932 | 1.05E-10 | 3034 | 1.14E-10 | 3136 | 1.15E-10 |
| 2016 | 1.62E-10 | 2118 | 1.42E-10 | 2220 | 1.02E-10 | 2322 | 9.42E-11 | 2424 | 9.66E-11 | 2526 | 8.76E-11 | 2628 | 1.02E-10 | 2730 | 1.02E-10 | 2832 | 1.07E-10 | 2934 | 1.04E-10 | 3036 | 1.14E-10 | 3138 | 1.15E-10 |
| 2018 | 1.29E-10 | 2120 | 1.25E-10 | 2222 | 9.95E-11 | 2324 | 1.04E-10 | 2426 | 9.64E-11 | 2528 | 8.41E-11 | 2630 | 9.76E-11 | 2732 | 1.06E-10 | 2834 | 1.04E-10 | 2936 | 1.03E-10 | 3038 | 1.16E-10 | 3140 | 1.16E-10 |
| 2020 | 1.12E-10 | 2122 | 1.56E-10 | 2224 | 1.07E-10 | 2326 | 1.06E-10 | 2428 | 9.46E-11 | 2530 | 7.87E-11 | 2632 | 9.37E-11 | 2734 | 1.06E-10 | 2836 | 1.03E-10 | 2938 | 1.02E-10 | 3040 | 1.16E-10 | 3142 | 1.20E-10 |
| 2022 | 1.20E-10 | 2124 | 1.53E-10 | 2226 | 1.06E-10 | 2328 | 1.03E-10 | 2430 | 9.65E-11 | 2532 | 7.83E-11 | 2634 | 9.48E-11 | 2736 | 1.08E-10 | 2838 | 1.01E-10 | 2940 | 1.02E-10 | 3042 | 1.15E-10 | 3144 | 1.22E-10 |
| 2024 | 1.31E-10 | 2126 | | 2228 | 9.63E-11 | 2330 | 9.65E-11 | 2432 | 9.21E-11 | 2534 | 8.90E-11 | 2636 | 1.01E-10 | 2738 | 1.07E-10 | 2840 | 1.02E-10 | 2942 | 1.02E-10 | 3044 | 1.15E-10 | 3146 | 1.22E-10 |
| 2026 | 1.21E-10 | 2128 | 1.24E-10 | 2230 | 1.01E-10 | 2332 | 9.35E-11 | 2434 | 8.98E-11 | 2536 | 9.10E-11 | 2638 | 1.11E-10 | 2740 | 1.02E-10 | 2842 | 1.02E-10 | 2944 | 1.04E-10 | 3046 | 1.13E-10 | 3148 | 1.23E-10 |
| 2028 | 1.19E-10 | 2130 | 1.29E-10 | 2232 | 1.12E-10 | 2334 | 9.95E-11 | 2436 | 8.56E-11 | 2538 | 8.39E-11 | 2640 | 1.15E-10 | 2742 | 9.70E-11 | 2844 | 9.95E-11 | 2946 | 1.04E-10 | 3048 | 1.13E-10 | 3150 | 1.24E-10 |
| 2030 | 1.24E-10 | 2132 | 1.02E-10 | 2234 | 1.06E-10 | 2336 | 1.07E-10 | 2438 | 8.70E-11 | 2540 | 8.17E-11 | 2642 | 1.13E-10 | 2744 | 9.38E-11 | 2846 | 9.75E-11 | 2948 | 1.04E-10 | 3050 | 1.13E-10 | 3152 | 1.22E-10 |
| 2032 | 1.30E-10 | 2134 | 9.21E-11 | 2236 | 1.02E-10 | 2338 | 1.03E-10 | 2440 | 9.38E-11 | 2542 | 8.15E-11 | 2644 | 1.12E-10 | 2746 | 9.54E-11 | 2848 | | 2950 | 1.07E-10 | 3052 | 1.12E-10 | 3154 | 1.16E-10 |
| 2034 | 1.20E-10 | 2136 | 1.01E-10 | 2238 | 1.14E-10 | 2340 | 9.72E-11 | 2442 | 9.63E-11 | 2544 | 8.52E-11 | 2646 | 1.15E-10 | 2748 | 9.24E-11 | 2850 | | 2952 | 1.09E-10 | 3054 | | 3156 | 1.11E-10 |
| 2036 | 1.43E-10 | 2138 | 1.11E-10 | 2240 | 1.16E-10 | 2342 | 9.73E-11 | 2444 | 9.38E-11 | 2546 | 8.44E-11 | 2648 | 1.12E-10 | 2750 | 8.75E-11 | 2852 | | 2954 | 1.08E-10 | 3056 | | 3158 | 1.08E-10 |
| 2038 | 1.39E-10 | 2140 | 1.04E-10 | 2242 | 1.15E-10 | 2344 | 9.04E-11 | 2446 | 9.41E-11 | 2548 | 8.16E-11 | 2650 | 1.12E-10 | 2752 | 8.62E-11 | 2854 | | 2956 | 1.09E-10 | 3058 | | 3160 | 1.07E-10 |
| 2040 | 1.12E-10 | 2142 | 1.01E-10 | 2244 | 1.07E-10 | 2346 | 8.58E-11 | 2448 | 9.71E-11 | 2550 | 8.13E-11 | 2652 | 1.17E-10 | 2754 | 8.99E-11 | 2856 | | 2958 | 1.12E-10 | 3060 | | 3162 | 1.10E-10 |
| 2042 | 1.10E-10 | 2144 | 1.11E-10 | 2246 | 1.03E-10 | 2348 | 8.43E-11 | 2450 | 9.44E-11 | 2552 | 8.34E-11 | 2654 | 1.19E-10 | 2756 | 9.30E-11 | 2858 | 9.76E-11 | 2960 | 1.11E-10 | 3062 | 1.05E-10 | 3164 | 1.15E-10 |
| 2044 | 1.28E-10 | 2146 | 1.12E-10 | 2248 | 1.10E-10 | 2350 | 8.33E-11 | 2452 | 9.45E-11 | 2554 | 8.86E-11 | 2656 | 1.16E-10 | 2758 | 9.55E-11 | 2860 | 9.99E-11 | 2962 | 1.08E-10 | 3064 | 1.06E-10 | 3166 | 1.19E-10 |
| 2046 | 1.26E-10 | 2148 | 1.26E-10 | 2250 | 1.05E-10 | 2352 | 8.81E-11 | 2454 | 9.70E-11 | 2556 | 9.47E-11 | 2658 | 1.13E-10 | 2760 | 9.61E-11 | 2862 | 1.03E-10 | 2964 | 1.06E-10 | 3066 | 1.08E-10 | 3168 | 1.20E-10 |
| 2048 | 1.28E-10 | 2150 | 1.24E-10 | 2252 | 9.02E-11 | 2354 | 9.10E-11 | 2456 | 9.39E-11 | 2558 | 9.99E-11 | 2660 | 1.16E-10 | 2762 | 9.78E-11 | 2864 | 1.01E-10 | 2966 | 1.07E-10 | 3068 | 1.10E-10 | 3170 | 1.17E-10 |
| 2050 | 1.28E-10 | 2152 | 1.06E-10 | 2254 | 9.41E-11 | 2356 | 9.28E-11 | 2458 | 9.25E-11 | 2560 | 1.05E-10 | 2662 | 1.14E-10 | 2764 | 1.00E-10 | 2866 | 1.00E-10 | 2968 | 1.09E-10 | 3070 | 1.11E-10 | 3172 | 1.15E-10 |
| 2052 | 1.20E-10 | 2154 | 1.15E-10 | 2256 | 1.00E-10 | 2358 | 9.32E-11 | 2460 | 9.57E-11 | 2562 | 1.00E-10 | 2664 | 1.07E-10 | 2766 | 1.01E-10 | 2868 | 9.60E-11 | 2970 | 1.10E-10 | 3072 | 1.12E-10 | 3174 | 1.16E-10 |
| 2054 | 1.38E-10 | 2156 | 1.24E-10 | 2258 | 9.64E-11 | 2360 | 9.72E-11 | 2462 | 9.95E-11 | 2564 | 9.70E-11 | 2666 | 1.04E-10 | 2768 | 1.01E-10 | 2870 | 9.39E-11 | 2972 | 1.10E-10 | 3074 | 1.11E-10 | 3176 | 1.14E-10 |
| 2056 | 1.54E-10 | 2158 | 1.15E-10 | 2260 | 9.58E-11 | 2362 | 9.80E-11 | 2464 | 9.21E-11 | 2566 | 9.39E-11 | 2668 | 1.02E-10 | 2770 | 9.94E-11 | 2872 | 9.52E-11 | 2974 | 1.10E-10 | 3076 | 1.08E-10 | 3178 | 1.14E-10 |
| 2058 | 1.58E-10 | 2160 | 1.23E-10 | 2262 | 9.75E-11 | 2364 | 9.11E-11 | 2466 | 9.17E-11 | 2568 | 9.44E-11 | 2670 | 1.01E-10 | 2772 | 9.71E-11 | 2874 | 9.91E-11 | 2976 | 1.10E-10 | 3078 | 1.10E-10 | 3180 | 1.12E-10 |
| 2060 | 1.42E-10 | 2162 | 1.24E-10 | 2264 | 1.04E-10 | 2366 | 8.84E-11 | 2468 | 9.16E-11 | 2570 | 9.83E-11 | 2672 | 1.02E-10 | 2774 | 1.01E-10 | 2876 | 1.01E-10 | 2978 | 1.10E-10 | 3080 | 1.16E-10 | 3182 | 1.12E-10 |
| 2062 | 1.15E-10 | 2164 | 1.08E-10 | 2266 | 1.08E-10 | 2368 | 9.39E-11 | 2470 | 9.63E-11 | 2572 | 9.83E-11 | 2674 | 1.04E-10 | 2776 | 1.03E-10 | 2878 | 1.01E-10 | 2980 | 1.08E-10 | 3082 | 1.21E-10 | 3184 | 1.17E-10 |
| 2064 | 1.06E-10 | 2166 | 1.07E-10 | 2268 | 1.04E-10 | 2370 | 9.35E-11 | 2472 | 9.78E-11 | 2574 | 1.01E-10 | 2676 | 1.07E-10 | 2778 | 1.03E-10 | 2880 | 1.00E-10 | 2982 | 1.06E-10 | 3084 | 1.23E-10 | 3186 | 1.18E-10 |
| 2066 | 1.25E-10 | 2168 | 1.02E-10 | 2270 | 9.56E-11 | 2372 | 9.44E-11 | 2474 | 9.67E-11 | 2576 | 1.03E-10 | 2678 | 1.10E-10 | 2780 | 9.91E-11 | 2882 | 1.00E-10 | 2984 | 1.08E-10 | 3086 | 1.22E-10 | 3188 | 1.19E-10 |
| 2068 | 1.25E-10 | 2170 | 1.03E-10 | 2272 | 9.67E-11 | 2374 | 9.02E-11 | 2476 | 9.46E-11 | 2578 | 9.87E-11 | 2680 | 1.09E-10 | 2782 | 9.74E-11 | 2884 | 1.02E-10 | 2986 | 1.09E-10 | 3088 | 1.18E-10 | 3190 | 1.23E-10 |
| 2070 | 1.17E-10 | 2172 | 1.10E-10 | 2274 | 1.00E-10 | 2376 | 9.75E-11 | 2478 | 9.99E-11 | 2580 | 9.79E-11 | 2682 | 1.06E-10 | 2784 | 9.90E-11 | 2886 | 1.01E-10 | 2988 | 1.06E-10 | 3090 | 1.17E-10 | 3192 | 1.24E-10 |
| 2072 | 1.21E-10 | 2174 | 1.08E-10 | 2276 | 1.18E-10 | 2378 | 9.14E-11 | 2480 | 1.03E-10 | 2582 | 9.84E-11 | 2684 | 1.05E-10 | 2786 | 9.92E-11 | 2888 | 1.04E-10 | 2990 | 1.06E-10 | 3092 | 1.15E-10 | 3194 | 1.21E-10 |
| 2074 | 1.22E-10 | 2176 | 1.15E-10 | 2278 | 1.15E-10 | 2380 | 8.92E-11 | 2482 | 9.53E-11 | 2584 | 9.89E-11 | 2686 | 1.04E-10 | 2788 | 1.00E-10 | 2890 | 1.05E-10 | 2992 | 1.09E-10 | 3094 | 1.13E-10 | 3196 | 1.19E-10 |
| 2076 | 1.50E-10 | 2178 | 1.14E-10 | 2280 | 1.11E-10 | 2382 | 9.38E-11 | 2484 | 9.23E-11 | 2586 | 9.96E-11 | 2688 | 1.04E-10 | 2790 | 1.03E-10 | 2892 | 1.02E-10 | 2994 | 1.10E-10 | 3096 | 1.15E-10 | 3198 | 1.19E-10 |


HD 210418 A3 Vn V=3.53 (B−V)=0.08 E(B−V)=0.00
LAP: LWP 15565
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 79439 A5 V V=4.83 (B-V)=0.19 E(B-V)=0.04**

**LAP: SWP 32779, SWP 32780**

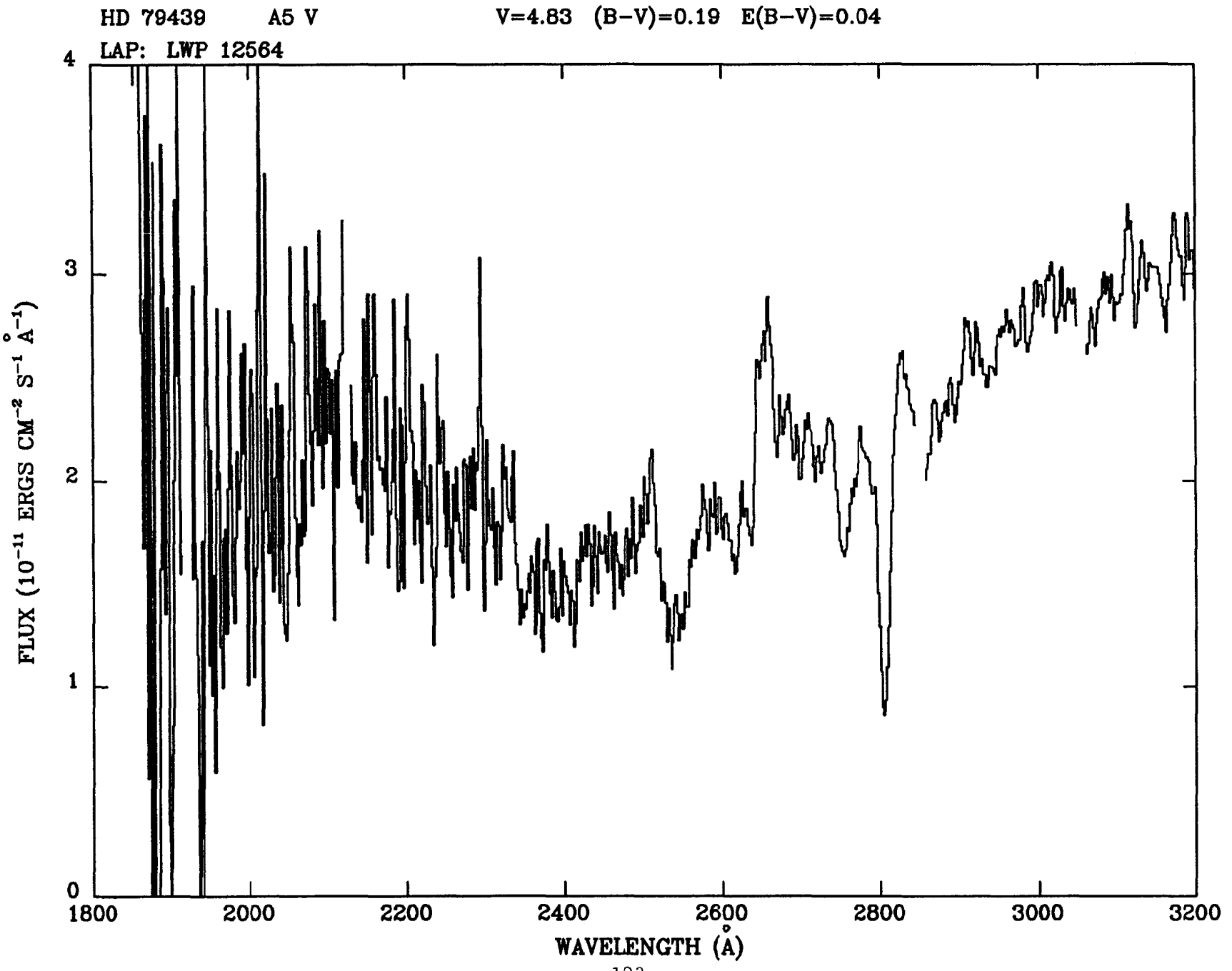
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | -1.50E-12 | 1222 | 2.31E-13 | 1292 | 1.18E-13 | 1362 | 2.76E-13 | 1432 | 1.63E-13 | 1502 | 2.46E-13 | 1572 | 1.95E-12 | 1642 | 5.63E-12 | 1712 | 1.32E-11 | 1782 | 2.05E-11 | 1852 | 1.82E-11 | 1922 | |
| 1154 | -9.21E-14 | 1224 | 9.06E-14 | 1294 | 9.31E-14 | 1364 | -1.15E-13 | 1434 | 2.91E-13 | 1504 | 2.18E-13 | 1574 | 2.30E-12 | 1644 | 5.76E-12 | 1714 | 1.40E-11 | 1784 | 2.08E-11 | 1854 | 1.80E-11 | 1924 | 1.65E-11 |
| 1156 | -4.50E-13 | 1226 | 1.58E-13 | 1296 | -7.10E-15 | 1366 | -1.44E-13 | 1436 | 1.69E-13 | 1506 | 3.19E-13 | 1576 | 2.68E-12 | 1646 | 5.32E-12 | 1716 | 1.38E-11 | 1786 | 2.23E-11 | 1856 | 1.85E-11 | 1926 | 1.64E-11 |
| 1158 | 5.58E-13 | 1228 | 1.67E-13 | 1298 | 4.58E-14 | 1368 | 1.31E-14 | 1438 | 8.23E-15 | 1508 | 3.15E-13 | 1578 | 2.71E-12 | 1648 | 4.95E-12 | 1718 | 1.27E-11 | 1788 | 2.30E-11 | 1858 | 1.96E-11 | 1928 | 1.63E-11 |
| 1160 | 9.99E-13 | 1230 | 2.55E-13 | 1300 | 1.22E-13 | 1370 | 2.25E-13 | 1440 | 1.77E-13 | 1510 | 5.56E-13 | 1580 | 2.42E-12 | 1650 | 4.37E-12 | 1720 | 1.20E-11 | 1790 | | 1860 | 1.92E-11 | 1930 | 1.72E-11 |
| 1162 | -1.57E-13 | 1232 | 3.38E-13 | 1302 | -7.02E-14 | 1372 | 1.40E-13 | 1442 | 2.80E-13 | 1512 | 2.61E-13 | 1582 | 2.39E-12 | 1652 | 3.48E-12 | 1722 | 1.27E-11 | 1792 | | 1862 | 1.93E-11 | 1932 | 1.88E-11 |
| 1164 | -4.45E-13 | 1234 | 4.37E-14 | 1304 | 7.40E-14 | 1374 | 1.34E-13 | 1444 | 1.31E-13 | 1514 | 3.56E-13 | 1584 | 2.06E-12 | 1654 | 3.20E-12 | 1724 | 1.44E-11 | 1794 | 2.34E-11 | 1864 | 2.04E-11 | 1934 | 2.03E-11 |
| 1166 | 4.23E-14 | 1236 | 1.97E-13 | 1306 | 9.13E-14 | 1376 | 2.88E-13 | 1446 | 2.49E-13 | 1516 | 1.61E-13 | 1586 | 2.13E-12 | 1656 | 4.46E-12 | 1726 | 1.53E-11 | 1796 | 2.32E-11 | 1866 | 2.08E-11 | 1936 | 2.15E-11 |
| 1168 | 5.27E-13 | 1238 | 1.39E-13 | 1308 | 1.83E-13 | 1378 | 1.71E-13 | 1448 | -1.50E-15 | 1518 | 3.00E-13 | 1588 | 2.12E-12 | 1658 | 5.40E-12 | 1728 | 1.49E-11 | 1798 | 2.31E-11 | 1868 | 2.11E-11 | 1938 | 2.28E-11 |
| 1170 | -9.62E-14 | 1240 | 1.63E-13 | 1310 | 1.02E-13 | 1380 | 1.37E-13 | 1450 | 2.47E-13 | 1520 | 3.12E-13 | 1590 | 2.10E-12 | 1660 | | 1730 | 1.43E-11 | 1800 | 2.18E-11 | 1870 | 2.11E-11 | 1940 | 2.38E-11 |
| 1172 | 2.94E-13 | 1242 | -5.04E-14 | 1312 | 1.32E-13 | 1382 | 2.09E-13 | 1452 | 9.70E-15 | 1522 | 3.69E-13 | 1592 | 2.09E-12 | 1662 | 6.49E-12 | 1732 | 1.41E-11 | 1802 | 2.04E-11 | 1872 | 2.05E-11 | 1942 | 2.37E-11 |
| 1174 | -4.45E-13 | 1244 | 8.28E-15 | 1314 | 2.17E-14 | 1384 | 2.64E-13 | 1454 | 2.01E-13 | 1524 | 3.60E-13 | 1594 | 2.25E-12 | 1664 | 6.19E-12 | 1734 | 1.44E-11 | 1804 | 1.90E-11 | 1874 | 2.08E-11 | 1944 | 2.38E-11 |
| 1176 | 1.08E-13 | 1246 | -5.52E-14 | 1316 | 3.20E-14 | 1386 | 4.45E-14 | 1456 | 1.76E-13 | 1526 | 4.21E-13 | 1596 | 2.49E-12 | 1666 | 5.30E-12 | 1736 | 1.46E-11 | 1806 | 1.89E-11 | 1876 | 2.13E-11 | 1946 | 2.35E-11 |
| 1178 | -2.20E-14 | 1248 | 2.83E-13 | 1318 | 9.04E-15 | 1388 | 2.44E-13 | 1458 | 1.71E-13 | 1528 | 5.29E-13 | 1598 | 2.53E-12 | 1668 | 5.13E-12 | 1738 | 1.44E-11 | 1808 | 2.04E-11 | 1878 | 2.14E-11 | 1948 | 2.30E-11 |
| 1180 | -9.74E-14 | 1250 | 2.38E-13 | 1320 | 7.65E-14 | 1390 | 1.62E-13 | 1460 | 2.65E-13 | 1530 | 6.83E-13 | 1600 | 2.44E-12 | 1670 | 5.88E-12 | 1740 | 1.54E-11 | 1810 | 2.04E-11 | 1880 | 2.20E-11 | 1950 | 2.32E-11 |
| 1182 | -1.67E-13 | 1252 | 1.43E-13 | 1322 | 1.27E-13 | 1392 | 3.26E-13 | 1462 | 2.11E-13 | 1532 | 8.67E-13 | 1602 | 2.55E-12 | 1672 | 6.93E-12 | 1742 | 1.59E-11 | 1812 | 2.11E-11 | 1882 | 2.18E-11 | 1952 | 2.35E-11 |
| 1184 | 1.12E-13 | 1254 | 1.24E-13 | 1324 | | 1394 | 1.01E-13 | 1464 | 1.76E-13 | 1534 | 7.40E-13 | 1604 | 2.67E-12 | 1674 | 7.46E-12 | 1744 | 1.68E-11 | 1814 | 2.10E-11 | 1884 | 2.12E-11 | 1954 | 2.34E-11 |
| 1186 | 1.70E-13 | 1256 | 2.01E-13 | 1326 | 2.25E-13 | 1396 | 1.03E-13 | 1466 | 2.02E-13 | 1536 | 7.75E-13 | 1606 | 2.57E-12 | 1676 | 7.45E-12 | 1746 | 1.76E-11 | 1816 | 2.12E-11 | 1886 | 2.08E-11 | 1956 | 2.39E-11 |
| 1188 | -7.82E-14 | 1258 | 3.21E-13 | 1328 | 8.62E-14 | 1398 | 2.42E-13 | 1468 | 3.13E-13 | 1538 | 9.05E-13 | 1608 | 2.49E-12 | 1678 | 7.33E-12 | 1748 | 1.81E-11 | 1818 | 2.28E-11 | 1888 | 2.10E-11 | 1958 | 2.40E-11 |
| 1190 | -2.74E-13 | 1260 | 3.05E-13 | 1330 | 8.78E-14 | 1400 | -4.38E-14 | 1470 | 3.78E-13 | 1540 | 1.02E-12 | 1610 | 2.99E-12 | 1680 | 7.08E-12 | 1750 | 1.92E-11 | 1820 | 2.26E-11 | 1890 | 2.03E-11 | 1960 | 2.43E-11 |
| 1192 | | 1262 | 1.47E-13 | 1332 | 1.15E-13 | 1402 | 1.80E-13 | 1472 | 2.60E-13 | 1542 | 1.20E-12 | 1612 | 3.14E-12 | 1682 | 7.27E-12 | 1752 | 1.99E-11 | 1822 | 2.18E-11 | 1892 | 1.91E-11 | 1962 | 2.46E-11 |
| 1194 | | 1264 | 1.08E-13 | 1334 | 1.13E-13 | 1404 | 3.18E-14 | 1474 | 3.04E-13 | 1544 | 1.08E-12 | 1614 | 2.98E-12 | 1684 | 7.49E-12 | 1754 | 1.89E-11 | 1824 | 2.16E-11 | 1894 | 1.91E-11 | 1964 | 2.49E-11 |
| 1196 | -5.44E-13 | 1266 | 3.10E-13 | 1336 | 8.04E-14 | 1406 | 4.85E-14 | 1476 | 3.33E-13 | 1546 | 1.01E-12 | 1616 | 2.99E-12 | 1686 | 7.75E-12 | 1756 | 1.78E-11 | 1826 | 2.08E-11 | 1896 | 1.88E-11 | 1966 | 2.48E-11 |
| 1198 | -6.48E-13 | 1268 | 1.89E-13 | 1338 | 2.28E-13 | 1408 | 5.94E-14 | 1478 | 3.08E-13 | 1548 | 1.13E-12 | 1618 | 3.01E-12 | 1688 | 7.73E-12 | 1758 | 1.62E-11 | 1828 | 2.11E-11 | 1898 | 1.87E-11 | 1968 | 2.39E-11 |
| 1200 | 3.21E-13 | 1270 | 1.78E-13 | 1340 | 8.15E-14 | 1410 | 1.27E-13 | 1480 | 2.49E-13 | 1550 | 1.12E-12 | 1620 | 3.30E-12 | 1690 | 7.74E-12 | 1760 | 1.56E-11 | 1830 | 2.12E-11 | 1900 | 1.96E-11 | 1970 | 2.34E-11 |
| 1202 | 3.24E-13 | 1272 | 2.74E-13 | 1342 | 1.10E-13 | 1412 | 6.42E-14 | 1482 | 4.24E-13 | 1552 | 1.06E-12 | 1622 | 3.46E-12 | 1692 | 7.40E-12 | 1762 | 1.56E-11 | 1832 | 2.01E-11 | 1902 | 2.02E-11 | 1972 | 2.32E-11 |
| 1204 | 2.22E-13 | 1274 | 2.30E-13 | 1344 | -2.67E-15 | 1414 | 2.62E-13 | 1484 | 4.11E-13 | 1554 | 1.24E-12 | 1624 | 3.41E-12 | 1694 | 7.67E-12 | 1764 | 1.62E-11 | 1834 | 1.93E-11 | 1904 | 1.97E-11 | 1974 | 2.31E-11 |
| 1206 | 2.45E-13 | 1276 | 2.48E-13 | 1346 | 7.10E-14 | 1416 | 2.06E-13 | 1486 | 4.71E-13 | 1556 | 1.10E-12 | 1626 | 3.32E-12 | 1696 | 8.50E-12 | 1766 | 1.77E-11 | 1836 | 1.86E-11 | 1906 | 1.91E-11 | | |
| 1208 | 4.71E-13 | 1278 | 2.29E-13 | 1348 | 1.55E-13 | 1418 | 1.10E-13 | 1488 | 3.31E-13 | 1558 | 1.23E-12 | 1628 | 3.26E-12 | 1698 | 9.07E-12 | 1768 | 1.90E-11 | 1838 | 1.76E-11 | 1908 | 1.94E-11 | | |
| 1210 | 5.23E-13 | 1280 | 2.39E-13 | 1350 | 1.86E-13 | 1420 | 1.62E-13 | 1490 | 3.35E-13 | 1560 | 1.48E-12 | 1630 | 3.66E-12 | 1700 | 9.68E-12 | 1770 | 2.02E-11 | 1840 | 1.74E-11 | 1910 | 2.02E-11 | | |
| 1212 | 5.94E-13 | 1282 | 1.58E-13 | 1352 | 9.37E-14 | 1422 | 2.44E-13 | 1492 | 6.08E-14 | 1562 | 1.67E-12 | 1632 | 3.94E-12 | 1702 | 1.03E-11 | 1772 | 2.09E-11 | 1842 | 1.66E-11 | 1912 | 2.13E-11 | | |
| 1214 | 2.85E-13 | 1284 | 1.37E-13 | 1354 | 9.44E-14 | 1424 | 1.48E-13 | 1494 | 2.82E-13 | 1564 | 1.84E-12 | 1634 | 4.27E-12 | 1704 | 1.14E-11 | 1774 | 2.16E-11 | 1844 | 1.66E-11 | 1914 | 2.18E-11 | | |
| 1216 | -1.01E-13 | 1286 | 1.06E-13 | 1356 | 3.35E-13 | 1426 | 1.45E-13 | 1496 | 3.78E-13 | 1566 | 1.65E-12 | 1636 | 4.34E-12 | 1706 | 1.24E-11 | 1776 | 2.20E-11 | 1846 | 1.72E-11 | 1916 | 2.13E-11 | | |
| 1218 | 3.72E-13 | 1288 | -3.40E-15 | 1358 | 1.48E-13 | 1428 | 1.81E-13 | 1498 | 2.61E-13 | 1568 | 1.48E-12 | 1638 | 4.93E-12 | 1708 | 1.27E-11 | 1778 | 2.19E-11 | 1848 | 1.72E-11 | 1918 | 2.06E-11 | | |
| 1220 | 1.69E-13 | 1290 | 2.15E-14 | 1360 | 2.11E-13 | 1430 | 3.98E-14 | 1500 | 2.35E-13 | 1570 | 1.83E-12 | 1640 | 5.63E-12 | 1710 | 1.28E-11 | 1780 | 2.09E-11 | 1850 | 1.76E-11 | 1920 | | | |


HD 79439 A5 V V=4.83 (B−V)=0.19 E(B−V)=0.04
LAP: SWP 32779, SWP 32780
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 79439 A5 V V=4.83 (B-V)=0.19 E(B-V)=0.04**

**LAP: LWP 12564**

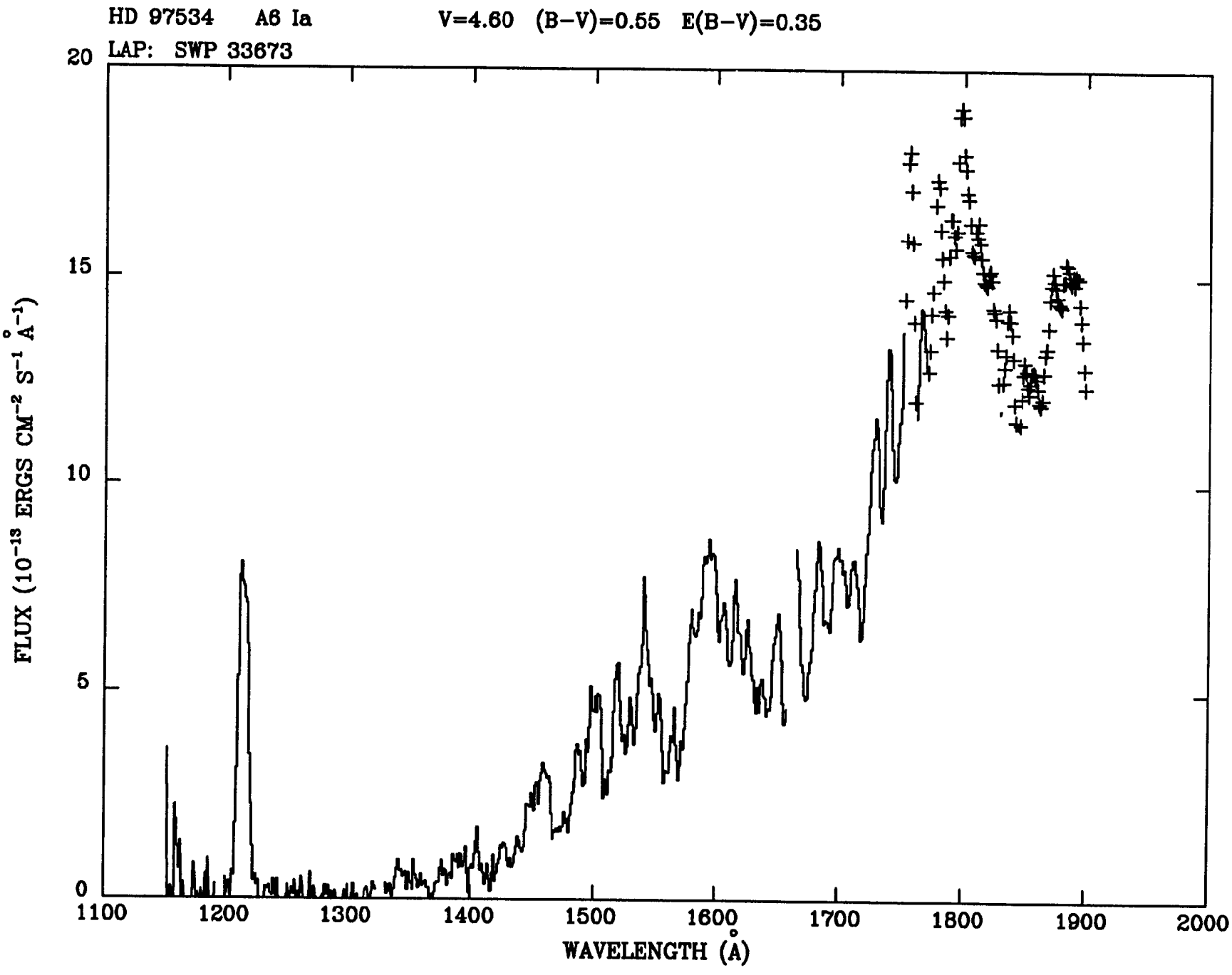
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.38E-11 | 2078 | 2.30E-11 | 2180 | 1.85E-11 | 2282 | 1.97E-11 | 2384 | 1.37E-11 | 2486 | 1.83E-11 | 2588 | 1.87E-11 | 2690 | 2.12E-11 | 2792 | 1.95E-11 | 2894 | 2.29E-11 | 2996 | 2.96E-11 | 3098 | 2.78E-11 |
| 1978 | 1.67E-11 | 2080 | 2.02E-11 | 2182 | 2.04E-11 | 2284 | 2.06E-11 | 2386 | 1.54E-11 | 2488 | 1.75E-11 | 2590 | 1.90E-11 | 2692 | 2.12E-11 | 2794 | 1.89E-11 | 2896 | 2.32E-11 | 2998 | 2.90E-11 | 3100 | 2.86E-11 |
| 1980 | 1.35E-11 | 2082 | 2.12E-11 | 2184 | 2.37E-11 | 2286 | 1.93E-11 | 2388 | 1.42E-11 | 2490 | 1.57E-11 | 2592 | 1.75E-11 | 2694 | 2.26E-11 | 2796 | 1.60E-11 | 2898 | 2.41E-11 | 3000 | 2.91E-11 | 3102 | 2.86E-11 |
| 1982 | 1.62E-11 | 2084 | 2.67E-11 | 2186 | 2.61E-11 | 2288 | 2.05E-11 | 2390 | 1.32E-11 | 2492 | 1.65E-11 | 2594 | 1.83E-11 | 2696 | 2.21E-11 | 2798 | 1.36E-11 | 2900 | 2.48E-11 | 3002 | 2.94E-11 | 3104 | 2.87E-11 |
| 1984 | 2.08E-11 | 2086 | 2.58E-11 | 2188 | 1.69E-11 | 2290 | 2.06E-11 | 2392 | 1.35E-11 | 2494 | 1.71E-11 | 2596 | 1.92E-11 | 2698 | 2.01E-11 | 2800 | 1.15E-11 | 2902 | 2.49E-11 | 3004 | 2.91E-11 | 3106 | 2.90E-11 |
| 1986 | 1.89E-11 | 2088 | 2.24E-11 | 2190 | 1.49E-11 | 2292 | 2.34E-11 | 2394 | 1.53E-11 | 2496 | 1.87E-11 | 2598 | 1.83E-11 | 2700 | 2.03E-11 | 2802 | 9.43E-12 | 2904 | 2.58E-11 | 3006 | 2.81E-11 | 3108 | 2.94E-11 |
| 1988 | 2.02E-11 | 2090 | 3.05E-11 | 2192 | 1.89E-11 | 2294 | 3.03E-11 | 2396 | 1.49E-11 | 2498 | 1.78E-11 | 2600 | 1.73E-11 | 2702 | 2.13E-11 | 2804 | 8.70E-12 | 2906 | 2.69E-11 | 3008 | 2.85E-11 | 3110 | 3.03E-11 |
| 1990 | 2.57E-11 | 2092 | 2.46E-11 | 2194 | 2.31E-11 | 2296 | 2.17E-11 | 2398 | 1.52E-11 | 2500 | 1.80E-11 | 2602 | 1.80E-11 | 2704 | 2.22E-11 | 2806 | 9.23E-12 | 2908 | 2.77E-11 | 3010 | 2.97E-11 | 3112 | 3.14E-11 |
| 1992 | 2.22E-11 | 2094 | 2.01E-11 | 2196 | 1.80E-11 | 2298 | 1.42E-11 | 2400 | 1.56E-11 | 2502 | 2.00E-11 | 2604 | 1.84E-11 | 2706 | 2.28E-11 | 2808 | 1.08E-11 | 2910 | 2.76E-11 | 3012 | 2.99E-11 | 3114 | 3.28E-11 |
| 1994 | 2.39E-11 | 2096 | 2.69E-11 | 2198 | 1.88E-11 | 2300 | 1.83E-11 | 2402 | 1.50E-11 | 2504 | 1.89E-11 | 2606 | 1.80E-11 | 2708 | 2.28E-11 | 2810 | 1.30E-11 | 2912 | 2.74E-11 | 3014 | 2.98E-11 | 3116 | 3.26E-11 |
| 1996 | 1.40E-11 | 2098 | 2.25E-11 | 2200 | 2.58E-11 | 2302 | 2.11E-11 | 2404 | 1.46E-11 | 2506 | 1.85E-11 | 2608 | 1.72E-11 | 2710 | 2.30E-11 | 2812 | 1.59E-11 | 2914 | 2.63E-11 | 3016 | 3.04E-11 | 3118 | 3.24E-11 |
| 1998 | 1.30E-11 | 2100 | 2.54E-11 | 2202 | 2.87E-11 | 2304 | 1.86E-11 | 2406 | 1.32E-11 | 2508 | 2.02E-11 | 2610 | 1.71E-11 | 2712 | 2.25E-11 | 2814 | 1.89E-11 | 2916 | 2.54E-11 | 3018 | 3.03E-11 | 3120 | 3.17E-11 |
| 2000 | 2.15E-11 | 2102 | 2.42E-11 | 2204 | 2.72E-11 | 2306 | 1.77E-11 | 2408 | 1.46E-11 | 2510 | 2.13E-11 | 2612 | 1.62E-11 | 2714 | 2.20E-11 | 2816 | 2.16E-11 | 2918 | 2.59E-11 | 3020 | 2.92E-11 | 3122 | 2.94E-11 |
| 2002 | 2.51E-11 | 2104 | 2.33E-11 | 2206 | 2.26E-11 | 2308 | 1.86E-11 | 2410 | 1.40E-11 | 2512 | 2.05E-11 | 2614 | 1.63E-11 | 2716 | 2.09E-11 | 2818 | 2.27E-11 | 2920 | 2.74E-11 | 3022 | 2.76E-11 | 3124 | 2.75E-11 |
| 2004 | 2.43E-11 | 2106 | 1.97E-11 | 2208 | 2.16E-11 | 2310 | 1.81E-11 | 2412 | 1.21E-11 | 2514 | 1.92E-11 | 2616 | 1.55E-11 | 2718 | 2.01E-11 | 2820 | 2.35E-11 | 2922 | 2.74E-11 | 3024 | 2.75E-11 | 3126 | 2.76E-11 |
| 2006 | 1.12E-11 | 2108 | 1.80E-11 | 2210 | 1.73E-11 | 2312 | 1.56E-11 | 2414 | 1.39E-11 | 2516 | 1.71E-11 | 2618 | 1.59E-11 | 2720 | 2.10E-11 | 2822 | 2.48E-11 | 2924 | 2.66E-11 | 3026 | 2.80E-11 | 3128 | 2.87E-11 |
| 2008 | 1.54E-11 | 2110 | 2.40E-11 | 2212 | 2.02E-11 | 2314 | 1.71E-11 | 2416 | 1.61E-11 | 2518 | 1.64E-11 | 2620 | 1.70E-11 | 2722 | 2.16E-11 | 2824 | 2.59E-11 | 2926 | 2.56E-11 | 3028 | 2.93E-11 | 3130 | 2.99E-11 |
| 2010 | 1.77E-11 | 2112 | 2.17E-11 | 2214 | 1.86E-11 | 2316 | 1.79E-11 | 2418 | 1.57E-11 | 2520 | 1.67E-11 | 2622 | 1.86E-11 | 2724 | 2.09E-11 | 2826 | 2.60E-11 | 2928 | 2.58E-11 | 3030 | 3.02E-11 | 3132 | 3.10E-11 |
| 2012 | 3.10E-11 | 2114 | 2.43E-11 | 2216 | 1.91E-11 | 2318 | 1.56E-11 | 2420 | 1.62E-11 | 2522 | 1.43E-11 | 2624 | 1.97E-11 | 2726 | 2.04E-11 | 2828 | 2.62E-11 | 2930 | 2.51E-11 | 3032 | 2.89E-11 | 3134 | 3.13E-11 |
| 2014 | 3.54E-11 | 2116 | 2.60E-11 | 2218 | 1.63E-11 | 2320 | 1.73E-11 | 2422 | 1.68E-11 | 2524 | 1.51E-11 | 2626 | 1.90E-11 | 2728 | 2.10E-11 | 2830 | 2.54E-11 | 2932 | 2.49E-11 | 3034 | 2.79E-11 | 3136 | 3.05E-11 |
| 2016 | 1.33E-11 | 2118 | 2.62E-11 | 2220 | 1.94E-11 | 2322 | 2.14E-11 | 2424 | 1.65E-11 | 2526 | 1.49E-11 | 2628 | 1.85E-11 | 2730 | 2.16E-11 | 2832 | 2.51E-11 | 2934 | 2.45E-11 | 3036 | 2.85E-11 | 3138 | 2.95E-11 |
| 2018 | 1.23E-11 | 2120 | 3.22E-11 | 2222 | 2.42E-11 | 2324 | 2.02E-11 | 2426 | 1.74E-11 | 2528 | 1.37E-11 | 2630 | 1.87E-11 | 2732 | 2.20E-11 | 2834 | 2.46E-11 | 2936 | 2.49E-11 | 3038 | 2.92E-11 | 3140 | 2.95E-11 |
| 2020 | 2.59E-11 | 2122 | | 2224 | 2.16E-11 | 2326 | 2.04E-11 | 2428 | 1.69E-11 | 2530 | 1.26E-11 | 2632 | 1.80E-11 | 2734 | 2.28E-11 | 2836 | 2.44E-11 | 2938 | 2.55E-11 | 3040 | 2.92E-11 | 3142 | 3.02E-11 |
| 2022 | 2.83E-11 | 2124 | | 2226 | 1.86E-11 | 2328 | 1.85E-11 | 2430 | 1.75E-11 | 2532 | 1.34E-11 | 2634 | 1.74E-11 | 2736 | 2.30E-11 | 2838 | 2.37E-11 | 2940 | 2.55E-11 | 3042 | 2.87E-11 | 3144 | 3.04E-11 |
| 2024 | 1.91E-11 | 2126 | | 2228 | 1.81E-11 | 2330 | 1.81E-11 | 2432 | 1.71E-11 | 2534 | 1.19E-11 | 2636 | 1.69E-11 | 2738 | 2.28E-11 | 2840 | 2.34E-11 | 2942 | 2.53E-11 | 3044 | 2.87E-11 | 3146 | 3.03E-11 |
| 2026 | 1.71E-11 | 2128 | | 2230 | 2.01E-11 | 2332 | 1.88E-11 | 2434 | 1.44E-11 | 2536 | 1.15E-11 | 2638 | 1.78E-11 | 2740 | 2.23E-11 | 2842 | 2.33E-11 | 2944 | 2.52E-11 | 3046 | 2.92E-11 | 3148 | 3.03E-11 |
| 2028 | 2.20E-11 | 2130 | 2.33E-11 | 2232 | 1.66E-11 | 2334 | 2.08E-11 | 2436 | 1.48E-11 | 2538 | 1.32E-11 | 2640 | 2.01E-11 | 2742 | 2.10E-11 | 2844 | 2.27E-11 | 2946 | 2.61E-11 | 3048 | 2.83E-11 | 3150 | 3.03E-11 |
| 2030 | 1.64E-11 | 2132 | 2.01E-11 | 2234 | 1.24E-11 | 2336 | 1.92E-11 | 2438 | 1.77E-11 | 2540 | 1.43E-11 | 2642 | 2.29E-11 | 2744 | 1.98E-11 | 2846 | | 2948 | 2.69E-11 | 3050 | 2.75E-11 | 3152 | 3.03E-11 |
| 2032 | 1.53E-11 | 2134 | 2.08E-11 | 2236 | 1.53E-11 | 2338 | 1.64E-11 | 2440 | 1.61E-11 | 2542 | 1.39E-11 | 2644 | 2.58E-11 | 2746 | 1.88E-11 | 2848 | | 2950 | 2.73E-11 | 3052 | | 3154 | 3.00E-11 |
| 2034 | 1.99E-11 | 2136 | 2.04E-11 | 2238 | 1.77E-11 | 2340 | 1.52E-11 | 2442 | 1.52E-11 | 2544 | 1.26E-11 | 2646 | 2.53E-11 | 2748 | 1.73E-11 | 2850 | | 2952 | 2.70E-11 | 3054 | | 3156 | 2.94E-11 |
| 2036 | 2.42E-11 | 2138 | 1.88E-11 | 2240 | 2.56E-11 | 2342 | 1.36E-11 | 2444 | 1.74E-11 | 2546 | 1.32E-11 | 2648 | 2.52E-11 | 2750 | 1.69E-11 | 2852 | | 2954 | 2.75E-11 | 3056 | | 3158 | 2.88E-11 |
| 2038 | 1.45E-11 | 2140 | 1.91E-11 | 2242 | 2.25E-11 | 2344 | 1.43E-11 | 2446 | 1.67E-11 | 2548 | 1.35E-11 | 2650 | 2.62E-11 | 2752 | 1.66E-11 | 2854 | | 2956 | 2.72E-11 | 3058 | | 3160 | 2.83E-11 |
| 2040 | 1.82E-11 | 2142 | 1.84E-11 | 2244 | 2.14E-11 | 2346 | 1.36E-11 | 2448 | 1.65E-11 | 2550 | 1.29E-11 | 2652 | 2.69E-11 | 2754 | 1.64E-11 | 2856 | 2.01E-11 | 2958 | 2.77E-11 | 3060 | 2.65E-11 | 3162 | 2.77E-11 |
| 2042 | 2.10E-11 | 2144 | 2.03E-11 | 2246 | 2.27E-11 | 2348 | 1.39E-11 | 2450 | 1.69E-11 | 2552 | 1.45E-11 | 2654 | 2.64E-11 | 2756 | 1.68E-11 | 2858 | 2.04E-11 | 2960 | 2.81E-11 | 3062 | 2.62E-11 | 3164 | 2.77E-11 |
| 2044 | 1.29E-11 | 2146 | 2.68E-11 | 2248 | 2.09E-11 | 2350 | 1.38E-11 | 2452 | 1.66E-11 | 2554 | 1.39E-11 | 2656 | 2.67E-11 | 2758 | 1.77E-11 | 2860 | 2.11E-11 | 2962 | 2.75E-11 | 3064 | 2.66E-11 | 3166 | 2.91E-11 |
| 2046 | 1.25E-11 | 2148 | 2.04E-11 | 2250 | 1.76E-11 | 2352 | 1.47E-11 | 2454 | 1.57E-11 | 2556 | 1.42E-11 | 2658 | 2.84E-11 | 2760 | 1.80E-11 | 2862 | 2.13E-11 | 2964 | 2.74E-11 | 3066 | 2.76E-11 | 3168 | 3.00E-11 |
| 2048 | 1.37E-11 | 2150 | 1.69E-11 | 2252 | 1.88E-11 | 2354 | 1.53E-11 | 2456 | 1.75E-11 | 2558 | 1.61E-11 | 2660 | 2.78E-11 | 2762 | 1.92E-11 | 2864 | 2.20E-11 | 2966 | 2.77E-11 | 3068 | 2.83E-11 | 3170 | 3.12E-11 |
| 2050 | 1.90E-11 | 2152 | 2.85E-11 | 2254 | 1.88E-11 | 2356 | 1.49E-11 | 2458 | 1.77E-11 | 2560 | 1.62E-11 | 2662 | 2.67E-11 | 2764 | 1.95E-11 | 2866 | 2.37E-11 | 2968 | 2.74E-11 | 3070 | 2.80E-11 | 3172 | 3.25E-11 |
| 2052 | 2.73E-11 | 2154 | 2.33E-11 | 2256 | 1.62E-11 | 2358 | 1.62E-11 | 2460 | 1.60E-11 | 2562 | 1.71E-11 | 2664 | 2.60E-11 | 2766 | 1.96E-11 | 2868 | 2.39E-11 | 2970 | 2.68E-11 | 3072 | 2.73E-11 | 3174 | 3.27E-11 |
| 2054 | 2.89E-11 | 2156 | 1.93E-11 | 2258 | 1.46E-11 | 2360 | 1.58E-11 | 2462 | 1.41E-11 | 2564 | 1.67E-11 | 2666 | 2.35E-11 | 2768 | 1.99E-11 | 2870 | 2.36E-11 | 2972 | 2.66E-11 | 3074 | 2.68E-11 | 3176 | 3.19E-11 |
| 2056 | 2.70E-11 | 2158 | 2.62E-11 | 2260 | 1.87E-11 | 2362 | 1.44E-11 | 2464 | 1.73E-11 | 2566 | 1.69E-11 | 2668 | 2.18E-11 | 2770 | 2.01E-11 | 2872 | 2.27E-11 | 2974 | 2.68E-11 | 3076 | 2.78E-11 | 3178 | 3.12E-11 |
| 2058 | 2.03E-11 | 2160 | 2.77E-11 | 2262 | 1.83E-11 | 2364 | 1.46E-11 | 2466 | 1.64E-11 | 2568 | 1.74E-11 | 2670 | 2.13E-11 | 2772 | 2.14E-11 | 2874 | 2.20E-11 | 2976 | 2.68E-11 | 3078 | 2.85E-11 | 3180 | 3.08E-11 |
| 2060 | 1.58E-11 | 2162 | 2.33E-11 | 2264 | 2.05E-11 | 2366 | 1.71E-11 | 2468 | 1.59E-11 | 2570 | 1.75E-11 | 2672 | 2.27E-11 | 2774 | 2.25E-11 | 2876 | 2.24E-11 | 2978 | 2.82E-11 | 3080 | 2.88E-11 | 3182 | 3.08E-11 |
| 2062 | 1.41E-11 | 2164 | 2.11E-11 | 2266 | 1.84E-11 | 2368 | 1.50E-11 | 2470 | 1.49E-11 | 2572 | 1.81E-11 | 2674 | 2.38E-11 | 2776 | 2.18E-11 | 2878 | 2.31E-11 | 2980 | 2.92E-11 | 3082 | 2.93E-11 | 3184 | 2.94E-11 |
| 2064 | 1.77E-11 | 2166 | 2.09E-11 | 2268 | 1.74E-11 | 2370 | 1.28E-11 | 2472 | 1.56E-11 | 2574 | 1.94E-11 | 2676 | 2.28E-11 | 2778 | 2.15E-11 | 2880 | 2.35E-11 | 2982 | 2.84E-11 | 3084 | 2.99E-11 | 3186 | 2.90E-11 |
| 2066 | 1.73E-11 | 2168 | 2.06E-11 | 2270 | 1.65E-11 | 2372 | 1.19E-11 | 2474 | 1.47E-11 | 2576 | 1.92E-11 | 2678 | 2.24E-11 | 2780 | 2.14E-11 | 2882 | 2.38E-11 | 2984 | 2.66E-11 | 3086 | 2.94E-11 | 3188 | 3.09E-11 |
| 2068 | 2.05E-11 | 2170 | 2.01E-11 | 2272 | 1.73E-11 | 2374 | 1.53E-11 | 2476 | 1.59E-11 | 2578 | 1.86E-11 | 2680 | 2.30E-11 | 2782 | 2.11E-11 | 2884 | 2.34E-11 | 2986 | 2.63E-11 | 3088 | 2.96E-11 | 3190 | 3.28E-11 |
| 2070 | 1.74E-11 | 2172 | 1.96E-11 | 2274 | 2.10E-11 | 2376 | 1.58E-11 | 2478 | 1.75E-11 | 2580 | 1.75E-11 | 2682 | 2.37E-11 | 2784 | 2.11E-11 | 2886 | 2.42E-11 | 2988 | 2.67E-11 | 3090 | 2.94E-11 | 3192 | 3.20E-11 |
| 2072 | 2.17E-11 | 2174 | 2.32E-11 | 2276 | 1.84E-11 | 2378 | 1.78E-11 | 2480 | 1.65E-11 | 2582 | 1.69E-11 | 2684 | 2.40E-11 | 2786 | 2.07E-11 | 2888 | 2.49E-11 | 2990 | 2.70E-11 | 3092 | 2.87E-11 | 3194 | 3.08E-11 |
| 2074 | 3.06E-11 | 2176 | 1.71E-11 | 2278 | 1.71E-11 | 2380 | 1.60E-11 | 2482 | 1.64E-11 | 2584 | 1.90E-11 | 2686 | 2.36E-11 | 2788 | 1.97E-11 | 2890 | 2.47E-11 | 2992 | 2.75E-11 | 3094 | 2.98E-11 | 3196 | 3.11E-11 |
| 2076 | 2.70E-11 | 2178 | 1.84E-11 | 2280 | 2.06E-11 | 2382 | 1.44E-11 | 2484 | 1.66E-11 | 2586 | 1.83E-11 | 2688 | 2.23E-11 | 2790 | 1.94E-11 | 2892 | 2.38E-11 | 2994 | 2.88E-11 | 3096 | 2.89E-11 | 3198 | 3.02E-11 |


HD 79439 A5 V
V=4.83 (B-V)=0.19 E(B-V)=0.04
LAP: LWP 12564
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 97534 A6 Ia V=4.60 (B-V)=0.55 E(B-V)=0.35**

**LAP: SWP 33673**

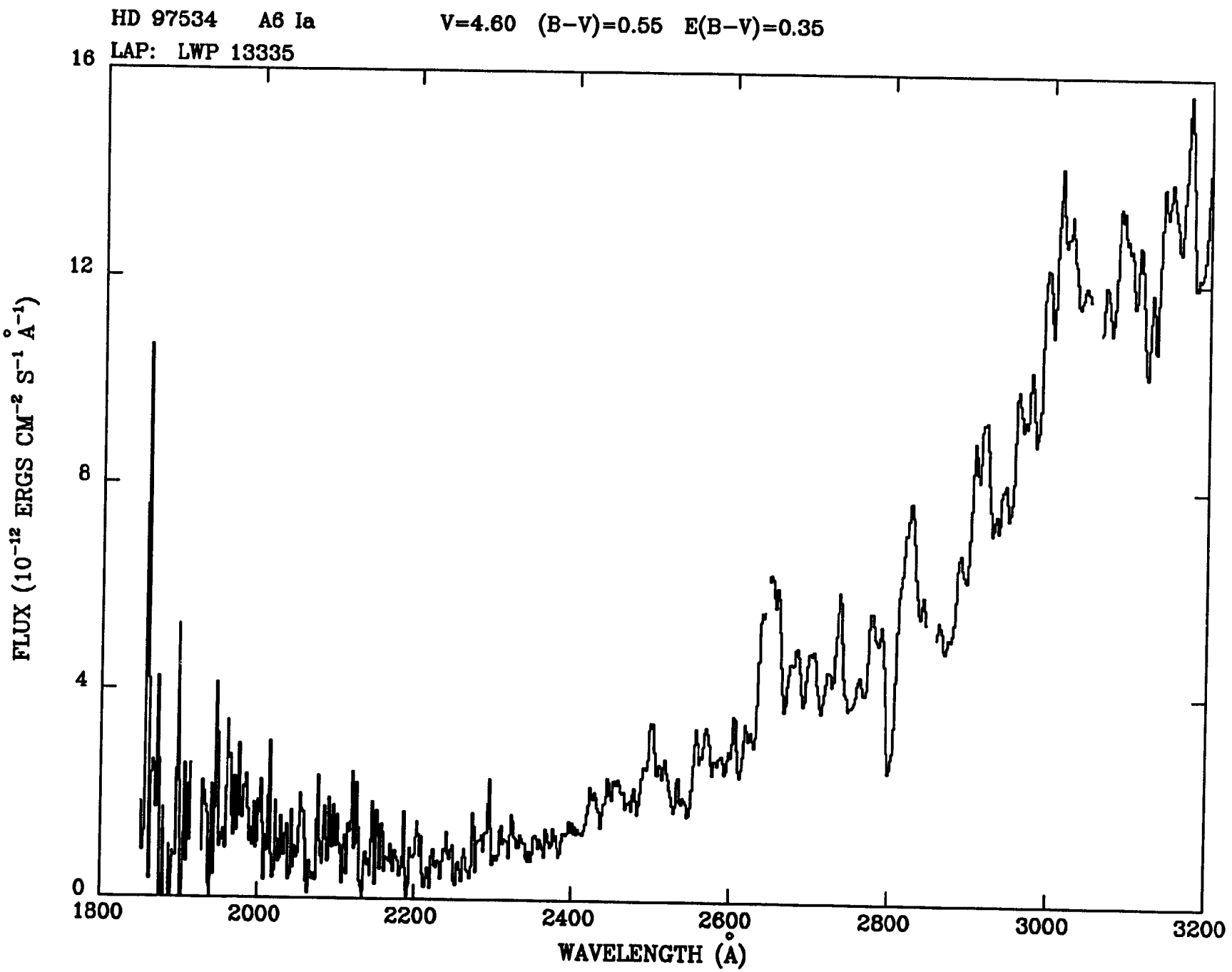
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 3.42E-14 | 1222 | 1.12E-13 | 1292 | -1.52E-14 | 1362 | 3.75E-14 | 1432 | 8.71E-14 | 1502 | 4.72E-13 | 1572 | 3.65E-13 | 1642 | 4.57E-13 | 1712 | 8.19E-13 | 1782 | | 1852 | | 1922 | |
| 1154 | 1.45E-14 | 1224 | 5.09E-14 | 1294 | -1.58E-14 | 1364 | 3.60E-14 | 1434 | 8.53E-14 | 1504 | 4.92E-13 | 1574 | 3.90E-13 | 1644 | 4.65E-13 | 1714 | 7.82E-13 | 1784 | | 1854 | | 1924 | |
| 1156 | -1.17E-13 | 1226 | 3.85E-14 | 1296 | -1.10E-14 | 1366 | 2.10E-14 | 1436 | 9.68E-14 | 1506 | 4.61E-13 | 1576 | 4.85E-13 | 1646 | 5.30E-13 | 1716 | 7.15E-13 | 1786 | | 1856 | | 1926 | |
| 1158 | 1.67E-13 | 1228 | 4.20E-15 | 1298 | -2.79E-15 | 1368 | 8.02E-15 | 1438 | 1.34E-13 | 1508 | 2.99E-13 | 1578 | 6.01E-13 | 1648 | 6.23E-13 | 1718 | 6.32E-13 | 1788 | | 1858 | | 1928 | |
| 1160 | 1.50E-13 | 1230 | -1.29E-14 | 1300 | 1.54E-15 | 1370 | 1.24E-14 | 1440 | 1.40E-13 | 1510 | 2.80E-13 | 1580 | 6.87E-13 | 1650 | 6.66E-13 | 1720 | 7.08E-13 | 1790 | | 1860 | | 1930 | |
| 1162 | 9.77E-14 | 1232 | 7.39E-15 | 1302 | -1.36E-14 | 1372 | 3.94E-14 | 1442 | 1.19E-13 | 1512 | 2.68E-13 | 1582 | 6.52E-13 | 1652 | 6.68E-13 | 1722 | 8.32E-13 | 1792 | | 1862 | | 1932 | |
| 1164 | 6.77E-15 | 1234 | 2.68E-14 | 1304 | 2.70E-14 | 1374 | 4.80E-14 | 1444 | 1.43E-13 | 1514 | 3.10E-13 | 1584 | 6.41E-13 | 1654 | 5.39E-13 | 1724 | 9.26E-13 | 1794 | | 1864 | | 1934 | |
| 1166 | 2.85E-15 | 1236 | 2.66E-14 | 1306 | 2.40E-15 | 1376 | 8.56E-14 | 1446 | 2.17E-13 | 1516 | 3.88E-13 | 1586 | 6.77E-13 | 1656 | 4.39E-13 | 1726 | 1.06E-12 | 1796 | | 1866 | | 1936 | |
| 1168 | -1.71E-13 | 1238 | 9.28E-15 | 1308 | 6.24E-15 | 1378 | 6.28E-14 | 1448 | 2.26E-13 | 1518 | 5.24E-13 | 1588 | 7.00E-13 | 1658 | 4.52E-13 | 1728 | 1.12E-12 | 1798 | | 1868 | | 1938 | |
| 1170 | -3.79E-14 | 1240 | 3.71E-14 | 1310 | -4.49E-15 | 1380 | 5.90E-14 | 1450 | 2.42E-13 | 1520 | 5.61E-13 | 1590 | 7.97E-13 | 1660 | | 1730 | 1.15E-12 | 1800 | | 1870 | | 1940 | |
| 1172 | -2.34E-14 | 1242 | 2.03E-14 | 1312 | -1.22E-14 | 1382 | 5.11E-14 | 1452 | 2.34E-13 | 1522 | 4.51E-13 | 1592 | 8.19E-13 | 1662 | | 1732 | 1.02E-12 | 1802 | | 1872 | | 1942 | |
| 1174 | 7.17E-14 | 1244 | 1.13E-14 | 1314 | 1.83E-14 | 1384 | 5.66E-14 | 1454 | 2.75E-13 | 1524 | 3.92E-13 | 1594 | 8.50E-13 | 1664 | | 1734 | 9.24E-13 | 1804 | | 1874 | | 1944 | |
| 1176 | 1.31E-15 | 1246 | -3.86E-14 | 1316 | 2.33E-14 | 1386 | 9.82E-14 | 1456 | 2.59E-13 | 1526 | 3.69E-13 | 1596 | 8.30E-13 | 1666 | 8.24E-13 | 1736 | 9.85E-13 | 1806 | | 1876 | | 1946 | |
| 1178 | -1.13E-14 | 1248 | -1.55E-14 | 1318 | -5.33E-15 | 1388 | 9.24E-14 | 1458 | 3.10E-13 | 1528 | 3.97E-13 | 1598 | 8.29E-13 | 1668 | 7.43E-13 | 1738 | 1.20E-12 | 1808 | | 1878 | | 1948 | |
| 1180 | 9.73E-15 | 1250 | 4.20E-15 | 1320 | 2.34E-14 | 1390 | 9.14E-14 | 1460 | 3.17E-13 | 1530 | 4.75E-13 | 1600 | 7.67E-13 | 1670 | 5.97E-13 | 1740 | 1.32E-12 | 1810 | | 1880 | | 1950 | |
| 1182 | -3.77E-15 | 1252 | 4.35E-15 | 1322 | 3.14E-14 | 1392 | 1.07E-13 | 1462 | 2.99E-13 | 1532 | 4.24E-13 | 1602 | 6.49E-13 | 1672 | 5.23E-13 | 1742 | 1.23E-12 | 1812 | | 1882 | | 1952 | |
| 1184 | -1.71E-14 | 1254 | 1.93E-14 | 1324 | 2.34E-14 | 1394 | 8.59E-14 | 1464 | 2.92E-13 | 1534 | 3.99E-13 | 1604 | 6.68E-13 | 1674 | 4.87E-13 | 1744 | 1.04E-12 | 1814 | | 1884 | | 1954 | |
| 1186 | 3.56E-14 | 1256 | 2.02E-14 | 1326 | | 1396 | 1.12E-13 | 1466 | 2.11E-13 | 1536 | 5.17E-13 | 1606 | 7.06E-13 | 1676 | 5.45E-13 | 1746 | 1.02E-12 | 1816 | | 1886 | | 1956 | |
| 1188 | -4.88E-14 | 1258 | 1.47E-14 | 1328 | | 1398 | 4.35E-14 | 1468 | 1.59E-13 | 1538 | 5.70E-13 | 1608 | 6.82E-13 | 1678 | 5.96E-13 | 1748 | 1.10E-12 | 1818 | | 1888 | | 1958 | |
| 1190 | 3.56E-15 | 1260 | 6.13E-15 | 1330 | 3.80E-14 | 1400 | 6.50E-14 | 1470 | 1.67E-13 | 1540 | 7.13E-13 | 1610 | 5.93E-13 | 1680 | 7.18E-13 | 1750 | 1.18E-12 | 1820 | | 1890 | | 1960 | |
| 1192 | 3.35E-14 | 1262 | 3.67E-14 | 1332 | 2.09E-14 | 1402 | 8.02E-14 | 1472 | 1.68E-13 | 1542 | 7.01E-13 | 1612 | 5.76E-13 | 1682 | 8.14E-13 | 1752 | 1.37E-12 | 1822 | | 1892 | | 1962 | |
| 1194 | | 1264 | 1.31E-15 | 1334 | 2.59E-14 | 1404 | 1.25E-13 | 1474 | 1.70E-13 | 1544 | 6.01E-13 | 1614 | 6.81E-13 | 1684 | 8.52E-13 | 1754 | | 1824 | | 1894 | | 1964 | |
| 1196 | | 1266 | -6.00E-15 | 1336 | 1.65E-14 | 1406 | 1.53E-13 | 1476 | 1.94E-13 | 1546 | 5.35E-13 | 1616 | 7.53E-13 | 1686 | 7.79E-13 | 1756 | | 1826 | | 1896 | | 1966 | |
| 1198 | | 1268 | 3.59E-16 | 1338 | 3.79E-14 | 1408 | 8.46E-14 | 1478 | 1.91E-13 | 1548 | 5.17E-13 | 1618 | 6.68E-13 | 1688 | 6.79E-13 | 1758 | | 1828 | | 1898 | | 1968 | |
| 1200 | 3.06E-14 | 1270 | 2.58E-14 | 1340 | 7.77E-14 | 1410 | 7.38E-14 | 1480 | 1.77E-13 | 1550 | 4.33E-13 | 1620 | 6.43E-13 | 1690 | 6.73E-13 | 1760 | | 1830 | 1.18E-12 | 1900 | 1.25E-12 | 1970 | |
| 1202 | 3.68E-14 | 1272 | 1.61E-14 | 1342 | 7.58E-14 | 1412 | 4.60E-14 | 1482 | 2.18E-13 | 1552 | 4.43E-13 | 1622 | 5.79E-13 | 1692 | 6.56E-13 | 1762 | 1.17E-12 | 1832 | | 1902 | | 1972 | |
| 1204 | 1.93E-14 | 1274 | 1.37E-15 | 1344 | 6.18E-14 | 1414 | 7.16E-14 | 1484 | 2.66E-13 | 1554 | 4.93E-13 | 1624 | 5.84E-13 | 1694 | 7.18E-13 | 1764 | 1.30E-12 | 1834 | | 1904 | | 1974 | |
| 1206 | 6.08E-14 | 1276 | -2.77E-15 | 1346 | 6.28E-14 | 1416 | 3.04E-14 | 1486 | 3.46E-13 | 1556 | 4.08E-13 | 1626 | 6.68E-13 | 1696 | 8.10E-13 | 1766 | 1.42E-12 | 1836 | | 1906 | | | |
| 1208 | 2.35E-13 | 1278 | -3.45E-15 | 1348 | 3.86E-14 | 1418 | 8.17E-14 | 1488 | 3.60E-13 | 1558 | 3.05E-13 | 1628 | 6.08E-13 | 1698 | 8.30E-13 | 1768 | 1.38E-12 | 1838 | | 1908 | | | |
| 1210 | 5.40E-13 | 1280 | 7.85E-15 | 1350 | 5.10E-14 | 1420 | 5.99E-14 | 1490 | 3.41E-13 | 1560 | 3.09E-13 | 1630 | 5.53E-13 | 1700 | 8.39E-13 | 1770 | 1.30E-12 | 1840 | | 1910 | | | |
| 1212 | 7.96E-13 | 1282 | 2.22E-14 | 1352 | 3.04E-14 | 1422 | 7.66E-14 | 1492 | 2.84E-13 | 1562 | 3.28E-13 | 1632 | 5.01E-13 | 1702 | 8.15E-13 | 1772 | | 1842 | | 1912 | | | |
| 1214 | 7.57E-13 | 1284 | 2.24E-14 | 1354 | 7.27E-14 | 1424 | 1.10E-13 | 1494 | 3.45E-13 | 1564 | 3.87E-13 | 1634 | 4.79E-13 | 1704 | 7.94E-13 | 1774 | | 1844 | 1.15E-12 | 1914 | | | |
| 1216 | 7.24E-13 | 1286 | 1.07E-14 | 1356 | 5.11E-14 | 1426 | 1.29E-13 | 1496 | 3.84E-13 | 1566 | 4.28E-13 | 1636 | 4.85E-13 | 1706 | 7.42E-13 | 1776 | 1.56E-12 | 1846 | | 1916 | | | |
| 1218 | 6.15E-13 | 1288 | 5.82E-15 | 1358 | 3.12E-14 | 1428 | 1.33E-13 | 1498 | 4.88E-13 | 1568 | 3.57E-13 | 1638 | 5.27E-13 | 1708 | 7.21E-13 | 1778 | | 1848 | | 1918 | | | |
| 1220 | 2.88E-13 | 1290 | 1.07E-14 | 1360 | 4.92E-14 | 1430 | 1.08E-13 | 1500 | 4.60E-13 | 1570 | 3.06E-13 | 1640 | 4.92E-13 | 1710 | 7.84E-13 | 1780 | | 1850 | | 1920 | | | |


HD 97534 A6 Ia V=4.60 (B−V)=0.55 E(B−V)=0.35
LAP: SWP 33673
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

HD 97534 A6 Ia V=4.60 (B-V)=0.55 E(B-V)=0.35

LAP: LWP 13335

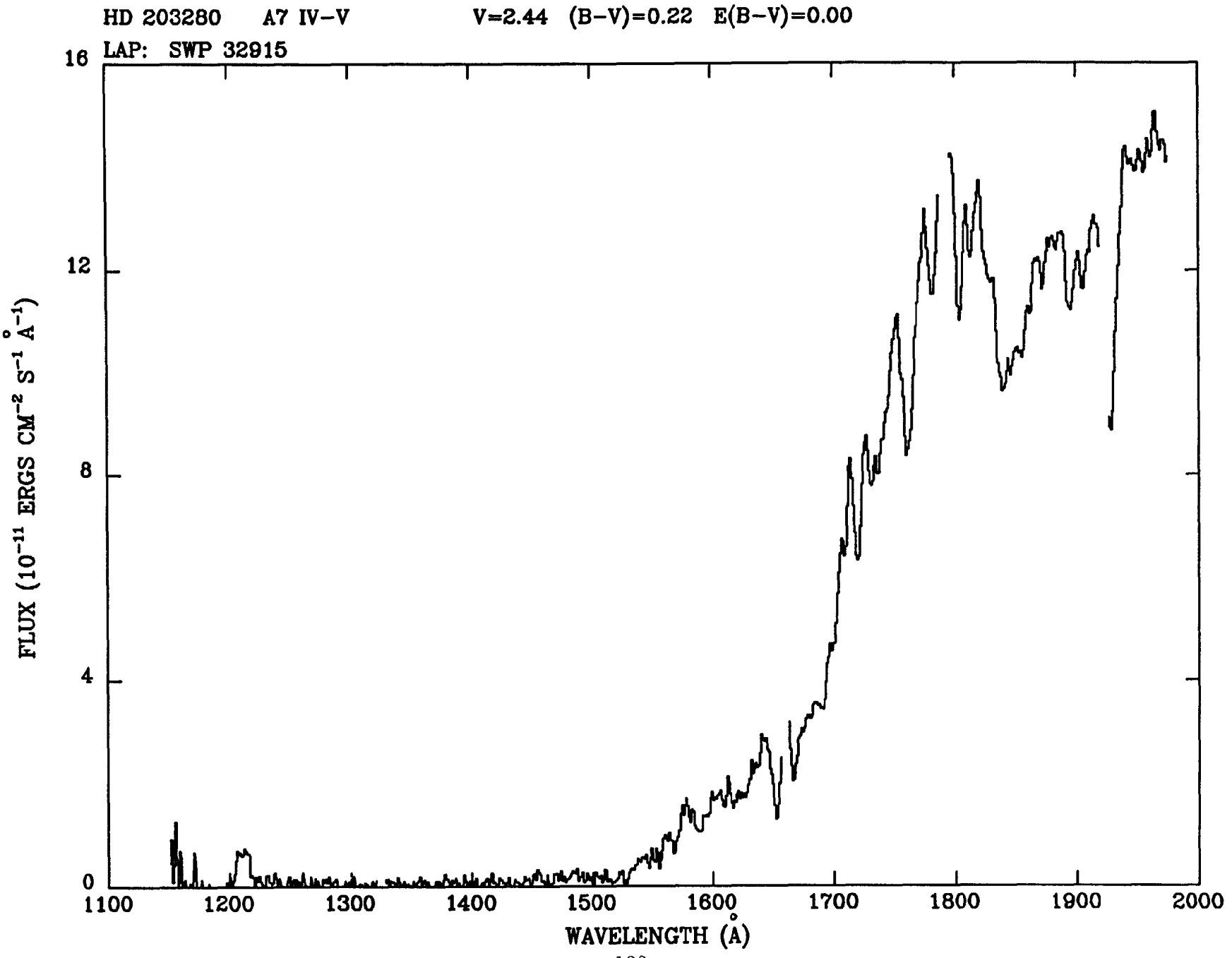
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.39E-12 | 2078 | 1.72E-12 | 2180 | 7.03E-13 | 2282 | 1.12E-12 | 2384 | 8.43E-13 | 2486 | 2.03E-12 | 2588 | 2.77E-12 | 2690 | 4.09E-12 | 2792 | 4.88E-12 | 2894 | 6.26E-12 | 2996 | 1.23E-11 | 3098 | 1.26E-11 |
| 1978 | 2.26E-12 | 2080 | 9.31E-13 | 2182 | 4.76E-13 | 2284 | 1.14E-12 | 2386 | 9.56E-13 | 2488 | 2.30E-12 | 2590 | 2.74E-12 | 2692 | 3.80E-12 | 2794 | 4.22E-12 | 2896 | 6.27E-12 | 2998 | 1.20E-11 | 3100 | 1.26E-11 |
| 1980 | 1.63E-12 | 2082 | 7.14E-13 | 2184 | 6.41E-13 | 2286 | 1.21E-12 | 2388 | 1.19E-12 | 2490 | 2.53E-12 | 2592 | 2.57E-12 | 2694 | 3.91E-12 | 2796 | 3.34E-12 | 2898 | 6.67E-12 | 3000 | 1.15E-11 | 3102 | 1.24E-11 |
| 1982 | 2.03E-12 | 2084 | 1.17E-12 | 2186 | 1.07E-12 | 2288 | 9.73E-13 | 2390 | 1.28E-12 | 2492 | 2.57E-12 | 2594 | 2.48E-12 | 2696 | 4.34E-12 | 2798 | 2.66E-12 | 2900 | 7.22E-12 | 3002 | 1.11E-11 | 3104 | 1.18E-11 |
| 1984 | 2.12E-12 | 2086 | 1.67E-12 | 2188 | 1.30E-12 | 2290 | 1.24E-12 | 2392 | 1.27E-12 | 2494 | 2.54E-12 | 2596 | 2.64E-12 | 2698 | 4.63E-12 | 2800 | 2.57E-12 | 2902 | 7.85E-12 | 3004 | 1.15E-11 | 3106 | 1.16E-11 |
| 1986 | 2.35E-12 | 2088 | 1.21E-12 | 2190 | 2.82E-13 | 2292 | 1.28E-12 | 2394 | 1.27E-12 | 2496 | 2.80E-12 | 2598 | 2.84E-12 | 2700 | 4.81E-12 | 2802 | 2.74E-12 | 2904 | 8.55E-12 | 3006 | 1.25E-11 | 3108 | 1.20E-11 |
| 1988 | 1.67E-12 | 2090 | 7.57E-13 | 2192 | 8.83E-14 | 2294 | 1.87E-12 | 2396 | 1.42E-12 | 2498 | 3.32E-12 | 2600 | 2.80E-12 | 2702 | 4.81E-12 | 2804 | 2.89E-12 | 2906 | 8.82E-12 | 3008 | 1.31E-11 | 3110 | 1.25E-11 |
| 1990 | 1.12E-12 | 2092 | 1.85E-12 | 2194 | 6.64E-13 | 2296 | 2.17E-12 | 2398 | 1.39E-12 | 2500 | 3.40E-12 | 2602 | 3.00E-12 | 2704 | 4.80E-12 | 2806 | 3.35E-12 | 2908 | 8.51E-12 | 3010 | 1.37E-11 | 3112 | 1.27E-11 |
| 1992 | 1.27E-12 | 2094 | 1.50E-12 | 2196 | 8.63E-13 | 2298 | 1.23E-12 | 2400 | 1.44E-12 | 2502 | 3.37E-12 | 2604 | 3.49E-12 | 2706 | 4.79E-12 | 2808 | 4.31E-12 | 2910 | 8.27E-12 | 3012 | 1.41E-11 | 3114 | 1.24E-11 |
| 1994 | 1.22E-12 | 2096 | 1.10E-12 | 2198 | 8.00E-13 | 2300 | 7.14E-13 | 2402 | 1.32E-12 | 2504 | 3.20E-12 | 2606 | 3.52E-12 | 2708 | 4.46E-12 | 2810 | 5.34E-12 | 2912 | 8.42E-12 | 3014 | 1.32E-11 | 3116 | 1.18E-11 |
| 1996 | 1.56E-12 | 2098 | 1.59E-12 | 2200 | 8.38E-13 | 2302 | 8.40E-13 | 2404 | 1.39E-12 | 2506 | 2.67E-12 | 2608 | 2.90E-12 | 2710 | 4.12E-12 | 2812 | 5.98E-12 | 2914 | 8.98E-12 | 3016 | 1.28E-11 | 3118 | 1.10E-11 |
| 1998 | 9.93E-13 | 2100 | 1.01E-12 | 2202 | 1.11E-12 | 2304 | 8.11E-13 | 2406 | 1.27E-12 | 2508 | 2.43E-12 | 2610 | 2.50E-12 | 2712 | 3.87E-12 | 2814 | 6.20E-12 | 2916 | 9.26E-12 | 3018 | 1.28E-11 | 3120 | 1.04E-11 |
| 2000 | 1.55E-12 | 2102 | 1.21E-12 | 2204 | 1.44E-12 | 2306 | 8.03E-13 | 2408 | 1.37E-12 | 2510 | 2.54E-12 | 2612 | 2.41E-12 | 2714 | 3.69E-12 | 2816 | 6.48E-12 | 2918 | 9.29E-12 | 3020 | 1.29E-11 | 3122 | 1.02E-11 |
| 2002 | 1.68E-12 | 2104 | 1.35E-12 | 2206 | 1.26E-12 | 2308 | 1.12E-12 | 2410 | 1.29E-12 | 2512 | 2.59E-12 | 2614 | 2.60E-12 | 2716 | 3.81E-12 | 2818 | 6.90E-12 | 2920 | 9.32E-12 | 3022 | 1.29E-11 | 3124 | 1.08E-11 |
| 2004 | 2.20E-12 | 2106 | 9.46E-13 | 2208 | 8.43E-13 | 2310 | 1.38E-12 | 2412 | 1.29E-12 | 2514 | 2.41E-12 | 2616 | 2.89E-12 | 2718 | 4.01E-12 | 2820 | 7.14E-12 | 2922 | 8.79E-12 | 3024 | 1.32E-11 | 3126 | 1.14E-11 |
| 2006 | 1.41E-12 | 2108 | 5.50E-13 | 2210 | 1.09E-12 | 2312 | 1.19E-12 | 2414 | 1.28E-12 | 2516 | 2.53E-12 | 2618 | 3.23E-12 | 2720 | 4.22E-12 | 2822 | 7.28E-12 | 2924 | 8.09E-12 | 3026 | 1.31E-11 | 3128 | 1.18E-11 |
| 2008 | 4.30E-13 | 2110 | 7.64E-13 | 2212 | 4.41E-13 | 2314 | 1.14E-12 | 2416 | 1.39E-12 | 2518 | 2.70E-12 | 2620 | 3.37E-12 | 2722 | 4.44E-12 | 2824 | 7.60E-12 | 2926 | 7.56E-12 | 3028 | 1.26E-11 | 3130 | 1.13E-11 |
| 2010 | 1.15E-12 | 2112 | 1.15E-12 | 2214 | 2.77E-13 | 2316 | 1.13E-12 | 2418 | 1.55E-12 | 2520 | 2.49E-12 | 2622 | 3.19E-12 | 2724 | 4.45E-12 | 2826 | 7.75E-12 | 2928 | 7.18E-12 | 3030 | 1.24E-11 | 3132 | 1.07E-11 |
| 2012 | 1.17E-12 | 2114 | 6.53E-13 | 2216 | 4.71E-13 | 2318 | 1.11E-12 | 2420 | 1.74E-12 | 2522 | 2.34E-12 | 2624 | 3.14E-12 | 2726 | 4.39E-12 | 2828 | 7.57E-12 | 2930 | 7.30E-12 | 3032 | 1.21E-11 | 3134 | 1.11E-11 |
| 2014 | 2.26E-12 | 2116 | 1.23E-12 | 2218 | 5.44E-13 | 2320 | 8.22E-13 | 2422 | 2.02E-12 | 2524 | 2.13E-12 | 2626 | 3.23E-12 | 2728 | 4.21E-12 | 2830 | 7.11E-12 | 2932 | 7.47E-12 | 3034 | 1.17E-11 | 3136 | 1.20E-11 |
| 2016 | 2.25E-12 | 2118 | 1.31E-12 | 2220 | 3.48E-13 | 2322 | 1.27E-12 | 2424 | 2.06E-12 | 2526 | 1.99E-12 | 2628 | 3.16E-12 | 2730 | 4.44E-12 | 2832 | 6.40E-12 | 2934 | 7.41E-12 | 3036 | 1.16E-11 | 3138 | 1.28E-11 |
| 2018 | 6.29E-13 | 2120 | 1.45E-12 | 2222 | 5.51E-13 | 2324 | 1.61E-12 | 2426 | 1.95E-12 | 2528 | 1.81E-12 | 2630 | 3.00E-12 | 2732 | 4.93E-12 | 2834 | 5.96E-12 | 2936 | 7.29E-12 | 3038 | 1.17E-11 | 3140 | 1.36E-11 |
| 2020 | 4.54E-13 | 2122 | 2.35E-12 | 2224 | 9.00E-13 | 2326 | 1.45E-12 | 2428 | 2.03E-12 | 2530 | 1.75E-12 | 2632 | 3.14E-12 | 2734 | 5.38E-12 | 2836 | 5.63E-12 | 2938 | 7.66E-12 | 3040 | 1.18E-11 | 3142 | 1.39E-11 |
| 2022 | 1.26E-12 | 2124 | 9.67E-13 | 2226 | 7.46E-13 | 2328 | 1.20E-12 | 2430 | 2.01E-12 | 2532 | 1.99E-12 | 2634 | 3.74E-12 | 2736 | 5.82E-12 | 2838 | 5.53E-12 | 2940 | 7.96E-12 | 3042 | 1.19E-11 | 3144 | 1.36E-11 |
| 2024 | 1.41E-12 | 2126 | 1.27E-12 | 2228 | 6.22E-13 | 2330 | 1.11E-12 | 2432 | 1.81E-12 | 2534 | 2.33E-12 | 2636 | 4.65E-12 | 2738 | 5.90E-12 | 2840 | 5.81E-12 | 2942 | 8.03E-12 | 3044 | 1.19E-11 | 3146 | 1.33E-11 |
| 2026 | 8.49E-13 | 2128 | 2.01E-12 | 2230 | 7.13E-13 | 2332 | 1.00E-12 | 2434 | 1.72E-12 | 2536 | 2.14E-12 | 2638 | 5.43E-12 | 2740 | 5.32E-12 | 2842 | 5.89E-12 | 2944 | 8.11E-12 | 3046 | 1.18E-11 | 3148 | 1.35E-11 |
| 2028 | 7.44E-13 | 2130 | 1.00E-12 | 2232 | 7.05E-13 | 2334 | 1.11E-12 | 2436 | 1.42E-12 | 2538 | 1.88E-12 | 2640 | 5.57E-12 | 2742 | 4.56E-12 | 2844 | 5.63E-12 | 2946 | 7.85E-12 | 3048 | 1.18E-11 | 3150 | 1.36E-11 |
| 2030 | 1.41E-12 | 2132 | 2.92E-13 | 2234 | 4.18E-13 | 2336 | 1.21E-12 | 2438 | 1.66E-12 | 2540 | 1.95E-12 | 2642 | 5.52E-12 | 2744 | 4.12E-12 | 2846 | 5.41E-12 | 2948 | 7.50E-12 | 3050 | 1.17E-11 | 3152 | 1.40E-11 |
| 2032 | 1.20E-12 | 2134 | 1.15E-13 | 2236 | 7.37E-13 | 2338 | 1.13E-12 | 2440 | 1.86E-12 | 2542 | 1.96E-12 | 2644 | 5.60E-12 | 2746 | 3.98E-12 | 2848 | | 2950 | 7.56E-12 | 3052 | | 3154 | 1.37E-11 |
| 2034 | 8.33E-13 | 2136 | 4.73E-13 | 2238 | 9.56E-13 | 2340 | 1.09E-12 | 2442 | 1.90E-12 | 2544 | 1.89E-12 | 2646 | 6.31E-12 | 2748 | 3.75E-12 | 2850 | | 2952 | 7.79E-12 | 3054 | | 3156 | 1.34E-11 |
| 2036 | 1.24E-12 | 2138 | 8.86E-13 | 2240 | 9.96E-13 | 2342 | 8.84E-13 | 2444 | 2.11E-12 | 2546 | 1.66E-12 | 2648 | 6.27E-12 | 2750 | 3.77E-12 | 2852 | | 2954 | 8.23E-12 | 3056 | | 3158 | 1.32E-11 |
| 2038 | 1.25E-12 | 2140 | 7.34E-13 | 2242 | 1.18E-12 | 2344 | 7.61E-13 | 2446 | 2.33E-12 | 2548 | 1.65E-12 | 2650 | 6.27E-12 | 2752 | 3.77E-12 | 2854 | | 2956 | 9.14E-12 | 3058 | | 3160 | 1.30E-11 |
| 2040 | 3.80E-13 | 2142 | 7.27E-13 | 2244 | 8.30E-13 | 2346 | 9.01E-13 | 2448 | 2.17E-12 | 2550 | 1.82E-12 | 2652 | 6.28E-12 | 2754 | 3.82E-12 | 2856 | | 2958 | 9.84E-12 | 3060 | | 3162 | 1.27E-11 |
| 2042 | 7.59E-13 | 2144 | 5.07E-13 | 2246 | 8.43E-13 | 2348 | 7.54E-13 | 2450 | 1.99E-12 | 2552 | 2.20E-12 | 2654 | 6.04E-12 | 2756 | 3.89E-12 | 2858 | 5.13E-12 | 2960 | 9.85E-12 | 3062 | 1.11E-11 | 3164 | 1.28E-11 |
| 2044 | 1.30E-12 | 2146 | 1.02E-12 | 2248 | 9.88E-13 | 2350 | 8.88E-13 | 2452 | 2.13E-12 | 2554 | 2.67E-12 | 2656 | 5.76E-12 | 2758 | 4.04E-12 | 2860 | 5.22E-12 | 2962 | 9.56E-12 | 3064 | 1.11E-11 | 3166 | 1.33E-11 |
| 2046 | 7.52E-13 | 2148 | 1.82E-12 | 2250 | 6.90E-13 | 2352 | 1.21E-12 | 2454 | 2.30E-12 | 2556 | 3.10E-12 | 2658 | 5.98E-12 | 2760 | 4.24E-12 | 2862 | 5.43E-12 | 2964 | 9.34E-12 | 3066 | 1.16E-11 | 3168 | 1.38E-11 |
| 2048 | 9.00E-13 | 2150 | 1.04E-12 | 2252 | 3.14E-13 | 2354 | 1.23E-12 | 2456 | 2.25E-12 | 2558 | 3.24E-12 | 2660 | 5.92E-12 | 2762 | 4.33E-12 | 2864 | 5.36E-12 | 2966 | 9.22E-12 | 3068 | 1.20E-11 | 3170 | 1.45E-11 |
| 2050 | 8.23E-13 | 2152 | 4.96E-13 | 2254 | 5.41E-13 | 2356 | 1.13E-12 | 2458 | 2.30E-12 | 2560 | 2.92E-12 | 2662 | 5.33E-12 | 2764 | 4.29E-12 | 2866 | 5.22E-12 | 2968 | 9.32E-12 | 3070 | 1.19E-11 | 3172 | 1.51E-11 |
| 2052 | 1.16E-12 | 2154 | 1.60E-12 | 2256 | 7.09E-13 | 2358 | 1.04E-12 | 2460 | 2.26E-12 | 2562 | 2.71E-12 | 2664 | 4.58E-12 | 2766 | 4.10E-12 | 2868 | 4.90E-12 | 2970 | 9.28E-12 | 3072 | 1.16E-11 | 3174 | 1.56E-11 |
| 2054 | 1.77E-12 | 2156 | 1.05E-12 | 2258 | 6.08E-13 | 2360 | 1.14E-12 | 2462 | 2.10E-12 | 2564 | 2.77E-12 | 2666 | 4.01E-12 | 2768 | 4.01E-12 | 2870 | 4.88E-12 | 2972 | 9.33E-12 | 3074 | 1.13E-11 | 3176 | 1.51E-11 |
| 2056 | 1.78E-12 | 2158 | 8.26E-13 | 2260 | 3.86E-13 | 2362 | 1.04E-12 | 2464 | 2.07E-12 | 2566 | 2.88E-12 | 2668 | 3.70E-12 | 2770 | 4.08E-12 | 2872 | 5.02E-12 | 2974 | 9.84E-12 | 3076 | 1.11E-11 | 3178 | 1.40E-11 |
| 2058 | 1.66E-12 | 2160 | 1.38E-12 | 2262 | 7.69E-13 | 2364 | 9.10E-13 | 2466 | 2.06E-12 | 2568 | 3.14E-12 | 2670 | 3.89E-12 | 2772 | 4.54E-12 | 2874 | 5.13E-12 | 2976 | 1.03E-11 | 3078 | 1.14E-11 | 3180 | 1.28E-11 |
| 2060 | 1.20E-12 | 2162 | 9.38E-13 | 2264 | 9.55E-13 | 2366 | 1.12E-12 | 2468 | 1.79E-12 | 2570 | 3.31E-12 | 2672 | 4.24E-12 | 2774 | 5.20E-12 | 2876 | 5.11E-12 | 2978 | 1.01E-11 | 3080 | 1.19E-11 | 3182 | 1.19E-11 |
| 2062 | 3.49E-13 | 2164 | 6.69E-13 | 2266 | 7.82E-13 | 2368 | 1.31E-12 | 2470 | 1.88E-12 | 2572 | 3.26E-12 | 2674 | 4.48E-12 | 2776 | 5.57E-12 | 2878 | 5.14E-12 | 2980 | 9.40E-12 | 3082 | 1.25E-11 | 3184 | 1.20E-11 |
| 2064 | 1.25E-13 | 2166 | 7.85E-13 | 2268 | 5.63E-13 | 2370 | 1.17E-12 | 2472 | 1.89E-12 | 2574 | 3.07E-12 | 2676 | 4.61E-12 | 2778 | 5.60E-12 | 2880 | 5.32E-12 | 2982 | 8.90E-12 | 3084 | 1.32E-11 | 3186 | 1.21E-11 |
| 2066 | 6.77E-13 | 2168 | 7.38E-13 | 2270 | 5.05E-13 | 2372 | 1.04E-12 | 2474 | 1.86E-12 | 2576 | 2.70E-12 | 2678 | 4.59E-12 | 2780 | 5.36E-12 | 2882 | 5.68E-12 | 2984 | 9.04E-12 | 3086 | 1.35E-11 | 3188 | 1.21E-11 |
| 2068 | 4.70E-13 | 2170 | 9.47E-13 | 2272 | 4.84E-13 | 2374 | 1.05E-12 | 2476 | 1.87E-12 | 2578 | 2.43E-12 | 2680 | 4.59E-12 | 2782 | 5.11E-12 | 2884 | 6.25E-12 | 2986 | 9.26E-12 | 3088 | 1.33E-11 | 3190 | 1.22E-11 |
| 2070 | 3.95E-13 | 2172 | 7.59E-13 | 2274 | 9.91E-13 | 2376 | 1.34E-12 | 2478 | 2.11E-12 | 2580 | 2.70E-12 | 2682 | 4.77E-12 | 2784 | 5.04E-12 | 2886 | 6.61E-12 | 2988 | 9.95E-12 | 3090 | 1.34E-11 | 3192 | 1.24E-11 |
| 2072 | 4.37E-13 | 2174 | 5.55E-13 | 2276 | 1.54E-12 | 2378 | 1.16E-12 | 2480 | 2.04E-12 | 2582 | 2.68E-12 | 2684 | 4.91E-12 | 2786 | 5.03E-12 | 2888 | 6.74E-12 | 2990 | 1.11E-11 | 3092 | 1.30E-11 | 3194 | 1.27E-11 |
| 2074 | 7.57E-13 | 2176 | 8.88E-13 | 2278 | 9.63E-13 | 2380 | 1.22E-12 | 2482 | 1.77E-12 | 2584 | 2.63E-12 | 2686 | 4.80E-12 | 2788 | 5.22E-12 | 2890 | 6.52E-12 | 2992 | 1.19E-11 | 3094 | 1.28E-11 | 3196 | 1.33E-11 |
| 2076 | 1.88E-12 | 2178 | 8.01E-13 | 2280 | 8.41E-13 | 2382 | 9.78E-13 | 2484 | 1.79E-12 | 2586 | 2.75E-12 | 2688 | 4.51E-12 | 2790 | 5.25E-12 | 2892 | 6.36E-12 | 2994 | 1.22E-11 | 3096 | 1.28E-11 | 3198 | 1.39E-11 |


HD 97534 A6 Ia V=4.60 (B−V)=0.55 E(B−V)=0.35
LAP: LWP 13335
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
16
12
8
4
0
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 203280 A7 IV-V V=2.44 (B-V)=0.22 E(B-V)=0.00**

**LAP: SWP 32915**

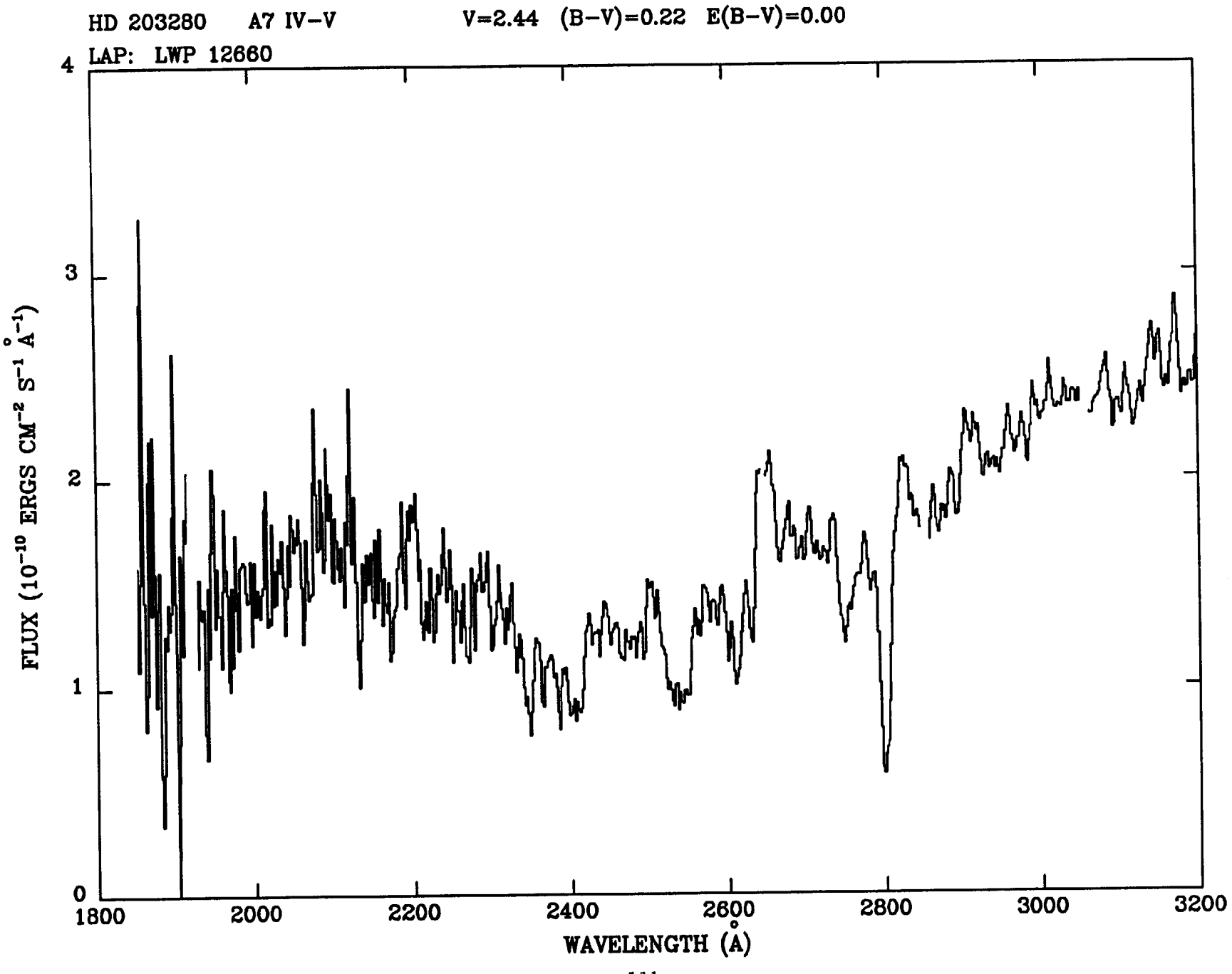
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 7.09E-12 | 1222 | 1.52E-12 | 1292 | -7.34E-14 | 1362 | 7.80E-13 | 1432 | 1.79E-13 | 1502 | 1.47E-12 | 1572 | 1.08E-11 | 1642 | 2.87E-11 | 1712 | 7.76E-11 | 1782 | 1.16E-10 | 1852 | 1.05E-10 | 1922 | |
| 1154 | 2.57E-12 | 1224 | 1.75E-12 | 1294 | 1.81E-15 | 1364 | 5.95E-13 | 1434 | -2.22E-13 | 1504 | 2.42E-12 | 1574 | 1.49E-11 | 1644 | 2.85E-11 | 1714 | 8.18E-11 | 1784 | 1.21E-10 | 1854 | 1.04E-10 | 1924 | |
| 1156 | 9.69E-12 | 1226 | 7.97E-13 | 1296 | -2.03E-14 | 1366 | -3.23E-13 | 1436 | 1.11E-12 | 1506 | 1.65E-12 | 1576 | 1.46E-11 | 1646 | 2.64E-11 | 1716 | 7.49E-11 | 1786 | 1.30E-10 | 1856 | 1.04E-10 | 1926 | 9.09E-11 |
| 1158 | 1.58E-12 | 1228 | 1.01E-13 | 1298 | 7.38E-13 | 1368 | -4.95E-13 | 1438 | 6.99E-13 | 1508 | 1.30E-12 | 1578 | 1.65E-11 | 1648 | 2.26E-11 | 1718 | 6.62E-11 | 1788 | 1.34E-10 | 1858 | 1.09E-10 | 1928 | 8.89E-11 |
| 1160 | 4.55E-12 | 1230 | 1.80E-12 | 1300 | 1.14E-13 | 1370 | 7.21E-13 | 1440 | 3.80E-13 | 1510 | 2.07E-12 | 1580 | 1.43E-11 | 1650 | 1.95E-11 | 1720 | 6.37E-11 | 1790 | | 1860 | 1.12E-10 | 1930 | 9.54E-11 |
| 1162 | -4.72E-13 | 1232 | 1.50E-12 | 1302 | 1.25E-12 | 1372 | 4.37E-13 | 1442 | 5.94E-13 | 1512 | 2.68E-12 | 1582 | 1.34E-11 | 1652 | 1.41E-11 | 1722 | 7.03E-11 | 1792 | | 1862 | 1.12E-10 | 1932 | 1.08E-10 |
| 1164 | -6.22E-14 | 1234 | 8.15E-13 | 1304 | -4.22E-13 | 1374 | 5.11E-13 | 1444 | 1.59E-12 | 1514 | 1.21E-12 | 1584 | 1.41E-11 | 1654 | 1.44E-11 | 1724 | 8.16E-11 | 1794 | 1.42E-10 | 1864 | 1.19E-10 | 1934 | 1.18E-10 |
| 1166 | -3.31E-12 | 1236 | 1.10E-12 | 1306 | 3.88E-13 | 1376 | 7.48E-13 | 1446 | 1.32E-12 | 1516 | 1.03E-12 | 1586 | 1.15E-11 | 1656 | 2.03E-11 | 1726 | 8.68E-11 | 1796 | 1.42E-10 | 1866 | 1.22E-10 | 1936 | 1.29E-10 |
| 1168 | -6.98E-13 | 1238 | 2.04E-12 | 1308 | 3.85E-13 | 1378 | 1.93E-12 | 1448 | 6.45E-13 | 1518 | 7.97E-13 | 1588 | 1.08E-11 | 1658 | 2.51E-11 | 1728 | 8.42E-11 | 1798 | 1.41E-10 | 1868 | 1.22E-10 | 1938 | 1.39E-10 |
| 1170 | 1.34E-12 | 1240 | 7.56E-13 | 1310 | -4.31E-13 | 1380 | 1.19E-12 | 1450 | 1.43E-12 | 1520 | 1.10E-12 | 1590 | 1.07E-11 | 1660 | | 1730 | 7.89E-11 | 1800 | 1.30E-10 | 1870 | 1.20E-10 | 1940 | 1.43E-10 |
| 1172 | 4.90E-12 | 1242 | 4.91E-13 | 1312 | 4.97E-13 | 1382 | 4.17E-13 | 1452 | 2.08E-12 | 1522 | 2.14E-12 | 1592 | 1.29E-11 | 1662 | 3.19E-11 | 1732 | 7.83E-11 | 1802 | 1.16E-10 | 1872 | 1.17E-10 | 1942 | 1.41E-10 |
| 1174 | -1.23E-12 | 1244 | -2.26E-13 | 1314 | 7.13E-15 | 1384 | 9.44E-13 | 1454 | 2.58E-12 | 1524 | 2.52E-12 | 1594 | 1.37E-11 | 1664 | 2.79E-11 | 1734 | 8.20E-11 | 1804 | 1.11E-10 | 1874 | 1.20E-10 | 1944 | 1.41E-10 |
| 1176 | -1.12E-12 | 1246 | -2.75E-13 | 1316 | -4.24E-13 | 1386 | 1.07E-12 | 1456 | 2.43E-12 | 1526 | 1.32E-12 | 1596 | 1.38E-11 | 1666 | 2.20E-11 | 1736 | 8.12E-11 | 1806 | 1.18E-10 | 1876 | 1.25E-10 | 1946 | 1.40E-10 |
| 1178 | -8.31E-13 | 1248 | 1.47E-12 | 1318 | 8.36E-13 | 1388 | 3.37E-13 | 1458 | 1.08E-12 | 1528 | 7.96E-13 | 1598 | 1.64E-11 | 1668 | 2.17E-11 | 1738 | 8.22E-11 | 1808 | 1.28E-10 | 1878 | 1.25E-10 | 1948 | 1.39E-10 |
| 1180 | -4.07E-12 | 1250 | 8.12E-13 | 1320 | 2.82E-13 | 1390 | 3.79E-13 | 1460 | 5.66E-13 | 1530 | 1.74E-12 | 1600 | 1.76E-11 | 1670 | 2.54E-11 | 1740 | 8.66E-11 | 1810 | 1.31E-10 | 1880 | 1.26E-10 | 1950 | 1.42E-10 |
| 1182 | -3.35E-12 | 1252 | 1.24E-12 | 1322 | 1.09E-12 | 1392 | 7.13E-14 | 1462 | 1.37E-12 | 1532 | 3.14E-12 | 1602 | 1.73E-11 | 1672 | 2.91E-11 | 1742 | 8.99E-11 | 1812 | 1.23E-10 | 1882 | 1.25E-10 | 1952 | 1.42E-10 |
| 1184 | -6.86E-13 | 1254 | 8.22E-13 | 1324 | | 1394 | 1.67E-12 | 1464 | 6.98E-13 | 1534 | 3.27E-12 | 1604 | 1.77E-11 | 1674 | 3.04E-11 | 1744 | 9.26E-11 | 1814 | 1.24E-10 | 1884 | 1.25E-10 | 1954 | 1.40E-10 |
| 1186 | -2.78E-12 | 1256 | 6.30E-13 | 1326 | | 1396 | 3.88E-13 | 1466 | 4.18E-13 | 1536 | 4.10E-12 | 1606 | 1.85E-11 | 1676 | 3.10E-11 | 1746 | 9.73E-11 | 1816 | 1.30E-10 | 1886 | 1.27E-10 | 1956 | 1.41E-10 |
| 1188 | -1.34E-12 | 1258 | 3.29E-13 | 1328 | 1.19E-12 | 1398 | 1.01E-12 | 1468 | 1.74E-12 | 1538 | 5.05E-12 | 1608 | 1.63E-11 | 1678 | 3.30E-11 | 1748 | 1.04E-10 | 1818 | 1.34E-10 | 1888 | 1.27E-10 | 1958 | 1.44E-10 |
| 1190 | -1.09E-12 | 1260 | 2.34E-12 | 1330 | 1.17E-12 | 1400 | 3.74E-13 | 1470 | 2.42E-12 | 1540 | 4.80E-12 | 1610 | 1.60E-11 | 1680 | 3.30E-11 | 1750 | 1.08E-10 | 1820 | 1.36E-10 | 1890 | 1.26E-10 | 1960 | 1.42E-10 |
| 1192 | | 1262 | 2.61E-13 | 1332 | 6.23E-13 | 1402 | 7.97E-13 | 1472 | 1.47E-12 | 1542 | 5.66E-12 | 1612 | 1.98E-11 | 1682 | 3.35E-11 | 1752 | 1.11E-10 | 1822 | 1.30E-10 | 1892 | 1.18E-10 | 1962 | 1.45E-10 |
| 1194 | | 1264 | -5.53E-13 | 1334 | 8.25E-13 | 1404 | 9.48E-13 | 1474 | 2.23E-12 | 1544 | 5.58E-12 | 1614 | 1.92E-11 | 1684 | 3.56E-11 | 1754 | 1.05E-10 | 1824 | 1.23E-10 | 1894 | 1.13E-10 | 1964 | 1.50E-10 |
| 1196 | 7.22E-13 | 1266 | 2.55E-13 | 1336 | 6.28E-13 | 1406 | -2.55E-13 | 1476 | 1.46E-12 | 1546 | 4.89E-12 | 1616 | 1.61E-11 | 1686 | 3.54E-11 | 1756 | 9.86E-11 | 1826 | 1.20E-10 | 1896 | 1.13E-10 | 1966 | 1.48E-10 |
| 1198 | 4.93E-13 | 1268 | 1.78E-13 | 1338 | 1.08E-12 | 1408 | 5.49E-13 | 1478 | 1.05E-12 | 1548 | 4.58E-12 | 1618 | 1.62E-11 | 1688 | 3.51E-11 | 1758 | 9.12E-11 | 1828 | 1.18E-10 | 1898 | 1.17E-10 | 1968 | 1.44E-10 |
| 1200 | 1.41E-12 | 1270 | 1.05E-12 | 1340 | 8.08E-13 | 1410 | 6.71E-13 | 1480 | 1.41E-12 | 1550 | 6.51E-12 | 1620 | 1.71E-11 | 1690 | 3.47E-11 | 1760 | 8.44E-11 | 1830 | 1.18E-10 | 1900 | 1.21E-10 | 1970 | 1.45E-10 |
| 1202 | -7.27E-14 | 1272 | 8.35E-13 | 1342 | 1.25E-13 | 1412 | 1.44E-12 | 1482 | 2.20E-12 | 1552 | 5.09E-12 | 1622 | 1.80E-11 | 1692 | 3.54E-11 | 1762 | 8.63E-11 | 1832 | 1.17E-10 | 1902 | 1.23E-10 | 1972 | 1.44E-10 |
| 1204 | 2.47E-12 | 1274 | 2.49E-13 | 1344 | 8.80E-13 | 1414 | 6.82E-13 | 1484 | 2.82E-12 | 1554 | 6.96E-12 | 1624 | 1.78E-11 | 1694 | 4.06E-11 | 1764 | 9.08E-11 | 1834 | 1.08E-10 | 1904 | 1.18E-10 | 1974 | 1.41E-10 |
| 1206 | 6.28E-12 | 1276 | 3.25E-13 | 1346 | -1.78E-13 | 1416 | 2.24E-12 | 1486 | 2.71E-12 | 1556 | 4.12E-12 | 1626 | 1.77E-11 | 1696 | 4.48E-11 | 1766 | 1.02E-10 | 1836 | 1.01E-10 | 1906 | 1.17E-10 | | |
| 1208 | 6.43E-12 | 1278 | 1.11E-12 | 1348 | 3.04E-13 | 1418 | 7.64E-13 | 1488 | 1.99E-12 | 1558 | 7.05E-12 | 1628 | 1.77E-11 | 1698 | 4.62E-11 | 1768 | 1.09E-10 | 1838 | 9.80E-11 | 1908 | 1.22E-10 | | |
| 1210 | 6.22E-12 | 1280 | 1.30E-12 | 1350 | -5.20E-13 | 1420 | 2.62E-13 | 1490 | 1.80E-12 | 1560 | 9.77E-12 | 1630 | 1.97E-11 | 1700 | 4.71E-11 | 1770 | 1.16E-10 | 1840 | 9.69E-11 | 1910 | 1.24E-10 | | |
| 1212 | 6.98E-12 | 1282 | 1.35E-12 | 1352 | 7.74E-13 | 1422 | 1.19E-12 | 1492 | 2.15E-12 | 1562 | 9.17E-12 | 1632 | 2.30E-11 | 1702 | 5.14E-11 | 1772 | 1.22E-10 | 1842 | 9.92E-11 | 1912 | 1.27E-10 | | |
| 1214 | 6.76E-12 | 1284 | 1.02E-13 | 1354 | 3.41E-13 | 1424 | 1.28E-12 | 1494 | 9.29E-13 | 1564 | 9.84E-12 | 1634 | 2.23E-11 | 1704 | 5.92E-11 | 1774 | 1.27E-10 | 1844 | 1.02E-10 | 1914 | 1.30E-10 | | |
| 1216 | 5.10E-12 | 1286 | 1.02E-12 | 1356 | 1.11E-12 | 1426 | 7.35E-13 | 1496 | 2.29E-12 | 1566 | 8.69E-12 | 1636 | 2.36E-11 | 1706 | 6.59E-11 | 1776 | 1.29E-10 | 1846 | 1.00E-10 | 1916 | 1.29E-10 | | |
| 1218 | 2.16E-12 | 1288 | 7.37E-13 | 1358 | 1.10E-12 | 1428 | 5.98E-13 | 1498 | 1.42E-12 | 1568 | 6.58E-12 | 1638 | 2.36E-11 | 1708 | 6.62E-11 | 1778 | 1.22E-10 | 1848 | 1.02E-10 | 1918 | 1.27E-10 | | |
| 1220 | 9.87E-13 | 1290 | -3.90E-13 | 1360 | 1.00E-12 | 1430 | 1.18E-12 | 1500 | 9.13E-13 | 1570 | 8.83E-12 | 1640 | 2.78E-11 | 1710 | 6.62E-11 | 1780 | 1.17E-10 | 1850 | 1.04E-10 | 1920 | 1.24E-10 | | |


HD 203280 A7 IV-V V=2.44 (B-V)=0.22 E(B-V)=0.00
LAP: SWP 32915
16
12
8
4
0
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
WAVELENGTH (Å)

HD 203280 A7 IV-V V=2.44 (B-V)=0.22 E(B-V)=0.00

LAP: LWP 12660

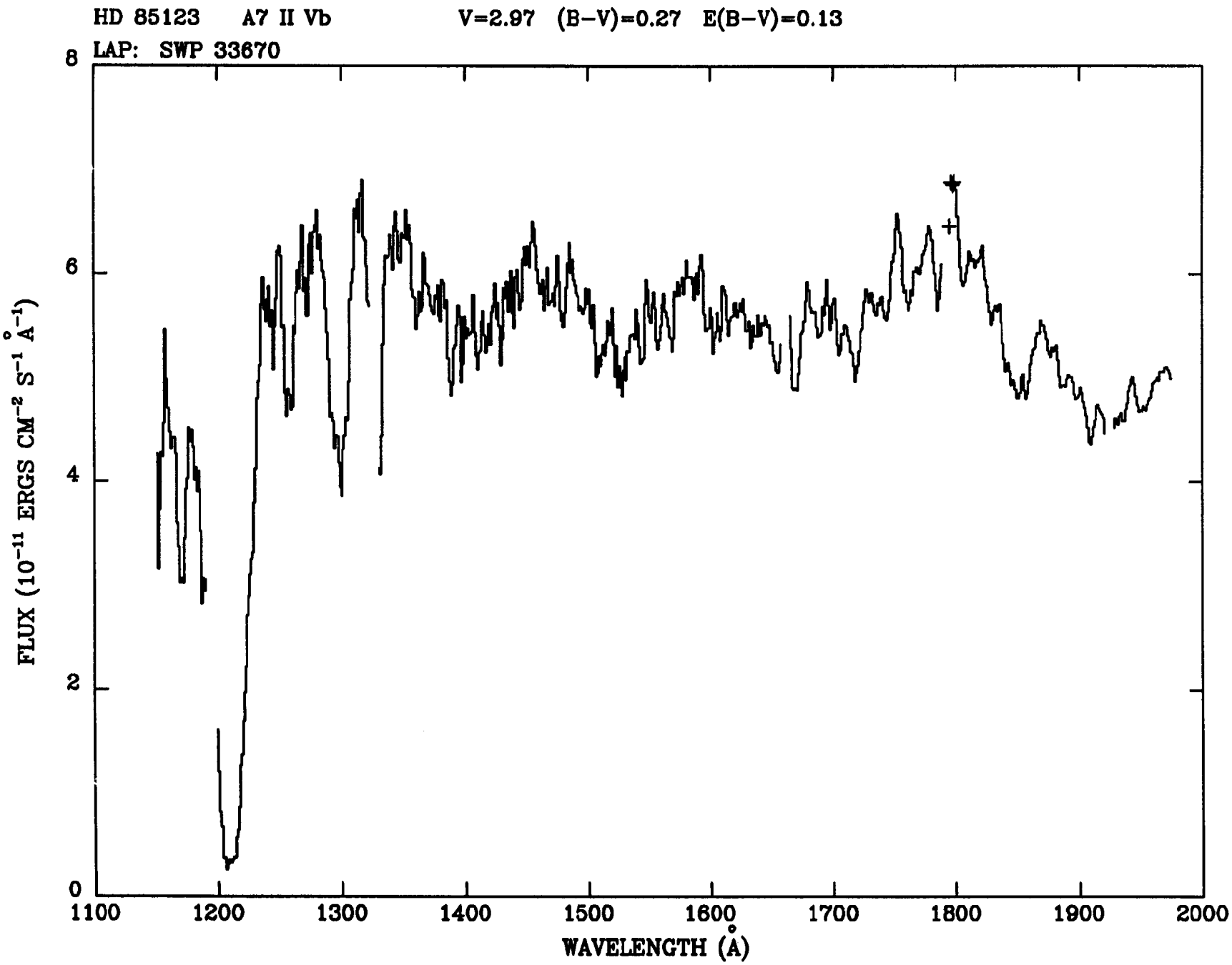
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.60E-10 | 2078 | 2.14E-10 | 2180 | 1.40E-10 | 2282 | 1.50E-10 | 2384 | 8.71E-11 | 2486 | 1.25E-10 | 2588 | 1.32E-10 | 2690 | 1.61E-10 | 2792 | 1.16E-10 | 2894 | 1.82E-10 | 2996 | 2.35E-10 | 3098 | 2.37E-10 |
| 1978 | 1.56E-10 | 2080 | 1.79E-10 | 2182 | 1.59E-10 | 2284 | 1.54E-10 | 2386 | 8.52E-11 | 2488 | 1.30E-10 | 2590 | 1.42E-10 | 2692 | 1.65E-10 | 2794 | 9.18E-11 | 2896 | 1.87E-10 | 2998 | 2.32E-10 | 3100 | 2.36E-10 |
| 1980 | 1.27E-10 | 2082 | 1.67E-10 | 2184 | 1.64E-10 | 2286 | 1.62E-10 | 2388 | 1.03E-10 | 2490 | 1.29E-10 | 2592 | 1.48E-10 | 2694 | 1.67E-10 | 2796 | 6.92E-11 | 2898 | 2.02E-10 | 3000 | 2.28E-10 | 3102 | 2.32E-10 |
| 1982 | 1.48E-10 | 2084 | 1.91E-10 | 2186 | 1.71E-10 | 2288 | 1.50E-10 | 2390 | 1.08E-10 | 2492 | 1.15E-10 | 2594 | 1.46E-10 | 2696 | 1.71E-10 | 2798 | 5.90E-11 | 2900 | 2.14E-10 | 3002 | 2.29E-10 | 3104 | 2.33E-10 |
| 1984 | 1.59E-10 | 2086 | 1.89E-10 | 2188 | 1.76E-10 | 2290 | 1.47E-10 | 2392 | 1.08E-10 | 2494 | 1.17E-10 | 2596 | 1.39E-10 | 2698 | 1.61E-10 | 2800 | 6.39E-11 | 2902 | 2.23E-10 | 3004 | 2.31E-10 | 3106 | 2.43E-10 |
| 1986 | 1.61E-10 | 2088 | 1.62E-10 | 2190 | 1.46E-10 | 2292 | 1.51E-10 | 2394 | 1.07E-10 | 2496 | 1.40E-10 | 2598 | 1.30E-10 | 2700 | 1.65E-10 | 2802 | 6.96E-11 | 2904 | 2.32E-10 | 3006 | 2.35E-10 | 3108 | 2.51E-10 |
| 1988 | 1.59E-10 | 2090 | 1.61E-10 | 2192 | 1.54E-10 | 2294 | 1.61E-10 | 2396 | 9.77E-11 | 2498 | 1.51E-10 | 2600 | 1.17E-10 | 2702 | 1.76E-10 | 2804 | 7.28E-11 | 2906 | 2.29E-10 | 3008 | 2.36E-10 | 3110 | 2.50E-10 |
| 1990 | 1.46E-10 | 2092 | 2.13E-10 | 2194 | 1.79E-10 | 2296 | 1.63E-10 | 2398 | 8.89E-11 | 2500 | 1.48E-10 | 2602 | 1.17E-10 | 2704 | 1.84E-10 | 2806 | 8.94E-11 | 2908 | 2.24E-10 | 3010 | 2.44E-10 | 3112 | 2.44E-10 |
| 1992 | 1.41E-10 | 2094 | 1.97E-10 | 2196 | 1.77E-10 | 2298 | 1.36E-10 | 2400 | 8.74E-11 | 2502 | 1.49E-10 | 2604 | 1.28E-10 | 2706 | 1.83E-10 | 2808 | 1.17E-10 | 2910 | 2.19E-10 | 3012 | 2.55E-10 | 3114 | 2.40E-10 |
| 1994 | 1.47E-10 | 2096 | 1.83E-10 | 2198 | 1.82E-10 | 2300 | 1.19E-10 | 2402 | 9.03E-11 | 2504 | 1.48E-10 | 2606 | 1.24E-10 | 2708 | 1.74E-10 | 2810 | 1.47E-10 | 2912 | 2.18E-10 | 3014 | 2.47E-10 | 3116 | 2.34E-10 |
| 1996 | 1.49E-10 | 2098 | 1.85E-10 | 2200 | 1.82E-10 | 2302 | 1.23E-10 | 2404 | 9.40E-11 | 2506 | 1.39E-10 | 2608 | 1.08E-10 | 2710 | 1.66E-10 | 2812 | 1.65E-10 | 2914 | 2.26E-10 | 3016 | 2.40E-10 | 3118 | 2.26E-10 |
| 1998 | 1.32E-10 | 2100 | 1.52E-10 | 2202 | 1.83E-10 | 2304 | 1.31E-10 | 2406 | 8.51E-11 | 2508 | 1.33E-10 | 2610 | 1.01E-10 | 2712 | 1.64E-10 | 2814 | 1.75E-10 | 2916 | 2.27E-10 | 3018 | 2.35E-10 | 3120 | 2.26E-10 |
| 2000 | 1.58E-10 | 2102 | 1.62E-10 | 2204 | 1.92E-10 | 2306 | 1.37E-10 | 2408 | 9.26E-11 | 2510 | 1.41E-10 | 2612 | 1.05E-10 | 2714 | 1.67E-10 | 2816 | 1.82E-10 | 2918 | 2.23E-10 | 3020 | 2.33E-10 | 3122 | 2.30E-10 |
| 2002 | 1.39E-10 | 2104 | 1.78E-10 | 2206 | 1.77E-10 | 2308 | 1.50E-10 | 2410 | 8.95E-11 | 2512 | 1.40E-10 | 2614 | 1.10E-10 | 2716 | 1.66E-10 | 2818 | 1.89E-10 | 2920 | 2.25E-10 | 3022 | 2.34E-10 | 3124 | 2.35E-10 |
| 2004 | 1.46E-10 | 2106 | 1.65E-10 | 2208 | 1.52E-10 | 2310 | 1.52E-10 | 2412 | 8.84E-11 | 2514 | 1.29E-10 | 2616 | 1.17E-10 | 2718 | 1.61E-10 | 2820 | 2.02E-10 | 2922 | 2.17E-10 | 3024 | 2.35E-10 | 3126 | 2.41E-10 |
| 2006 | 1.40E-10 | 2108 | 1.55E-10 | 2210 | 1.59E-10 | 2312 | 1.41E-10 | 2414 | 9.24E-11 | 2516 | 1.21E-10 | 2618 | 1.29E-10 | 2720 | 1.61E-10 | 2822 | 2.08E-10 | 2924 | 2.08E-10 | 3026 | 2.34E-10 | 3128 | 2.44E-10 |
| 2008 | 1.34E-10 | 2110 | 1.62E-10 | 2212 | 1.30E-10 | 2314 | 1.34E-10 | 2416 | 1.04E-10 | 2518 | 1.18E-10 | 2620 | 1.39E-10 | 2722 | 1.66E-10 | 2824 | 2.09E-10 | 2926 | 2.01E-10 | 3028 | 2.36E-10 | 3130 | 2.37E-10 |
| 2010 | 1.46E-10 | 2112 | 1.59E-10 | 2214 | 1.26E-10 | 2316 | 1.24E-10 | 2418 | 1.19E-10 | 2520 | 1.16E-10 | 2622 | 1.47E-10 | 2724 | 1.65E-10 | 2826 | 2.07E-10 | 2928 | 2.01E-10 | 3030 | 2.43E-10 | 3132 | 2.37E-10 |
| 2012 | 1.56E-10 | 2114 | 1.43E-10 | 2216 | 1.36E-10 | 2318 | 1.36E-10 | 2420 | 1.28E-10 | 2522 | 1.05E-10 | 2624 | 1.48E-10 | 2726 | 1.64E-10 | 2828 | 2.05E-10 | 2930 | 2.06E-10 | 3032 | 2.44E-10 | 3134 | 2.45E-10 |
| 2014 | 1.88E-10 | 2116 | 1.72E-10 | 2218 | 1.37E-10 | 2320 | 1.29E-10 | 2422 | 1.32E-10 | 2524 | 9.92E-11 | 2626 | 1.41E-10 | 2728 | 1.60E-10 | 2830 | 2.05E-10 | 2932 | 2.10E-10 | 3034 | 2.37E-10 | 3136 | 2.52E-10 |
| 2016 | 1.72E-10 | 2118 | 1.71E-10 | 2220 | 1.28E-10 | 2322 | 1.32E-10 | 2424 | 1.33E-10 | 2526 | 1.02E-10 | 2628 | 1.31E-10 | 2730 | 1.68E-10 | 2832 | 1.93E-10 | 2934 | 2.09E-10 | 3036 | 2.36E-10 | 3138 | 2.59E-10 |
| 2018 | 1.32E-10 | 2120 | 2.01E-10 | 2222 | 1.42E-10 | 2324 | 1.45E-10 | 2426 | 1.24E-10 | 2528 | 9.77E-11 | 2630 | 1.24E-10 | 2732 | 1.79E-10 | 2834 | 1.91E-10 | 2936 | 2.05E-10 | 3038 | 2.36E-10 | 3140 | 2.66E-10 |
| 2020 | 1.33E-10 | 2122 | 2.40E-10 | 2224 | 1.50E-10 | 2326 | 1.47E-10 | 2428 | 1.24E-10 | 2530 | 9.27E-11 | 2632 | 1.22E-10 | 2734 | 1.81E-10 | 2836 | 1.91E-10 | 2938 | 2.06E-10 | 3040 | 2.41E-10 | 3142 | 2.72E-10 |
| 2022 | 1.58E-10 | 2124 | 1.61E-10 | 2226 | 1.30E-10 | 2328 | 1.28E-10 | 2430 | 1.26E-10 | 2532 | 9.46E-11 | 2634 | 1.35E-10 | 2736 | 1.81E-10 | 2838 | 1.82E-10 | 2940 | 2.09E-10 | 3042 | 2.42E-10 | 3144 | 2.68E-10 |
| 2024 | 1.56E-10 | 2126 | 1.67E-10 | 2228 | 1.26E-10 | 2330 | 1.16E-10 | 2432 | 1.26E-10 | 2534 | 1.01E-10 | 2636 | 1.63E-10 | 2738 | 1.71E-10 | 2840 | 1.83E-10 | 2942 | 2.06E-10 | 3044 | 2.40E-10 | 3146 | 2.58E-10 |
| 2026 | 1.51E-10 | 2128 | 1.82E-10 | 2230 | 1.41E-10 | 2332 | 1.10E-10 | 2434 | 1.27E-10 | 2536 | 9.60E-11 | 2638 | 1.92E-10 | 2740 | 1.55E-10 | 2842 | 1.84E-10 | 2944 | 2.07E-10 | 3046 | 2.36E-10 | 3148 | 2.58E-10 |
| 2028 | 1.45E-10 | 2130 | 1.40E-10 | 2232 | 1.53E-10 | 2334 | 1.20E-10 | 2436 | 1.15E-10 | 2538 | 9.37E-11 | 2640 | 2.03E-10 | 2742 | 1.43E-10 | 2844 | 1.80E-10 | 2946 | 2.05E-10 | 3048 | 2.38E-10 | 3150 | 2.66E-10 |
| 2030 | 1.58E-10 | 2132 | 1.10E-10 | 2234 | 1.46E-10 | 2336 | 1.24E-10 | 2438 | 1.26E-10 | 2540 | 9.47E-11 | 2642 | 2.02E-10 | 2744 | 1.35E-10 | 2846 | 1.76E-10 | 2948 | 2.02E-10 | 3050 | 2.40E-10 | 3152 | 2.69E-10 |
| 2032 | 1.58E-10 | 2134 | 1.11E-10 | 2236 | 1.50E-10 | 2338 | 1.18E-10 | 2440 | 1.35E-10 | 2542 | 9.25E-11 | 2644 | 2.04E-10 | 2746 | 1.32E-10 | 2848 | | 2950 | 2.07E-10 | 3052 | 2.36E-10 | 3154 | 2.59E-10 |
| 2034 | 1.56E-10 | 2136 | 1.42E-10 | 2238 | 1.65E-10 | 2340 | 1.06E-10 | 2442 | 1.41E-10 | 2544 | 9.68E-11 | 2646 | | 2748 | 1.26E-10 | 2850 | | 2952 | 2.13E-10 | 3054 | | 3156 | 2.45E-10 |
| 2036 | 1.70E-10 | 2138 | 1.50E-10 | 2240 | 1.74E-10 | 2342 | 9.47E-11 | 2444 | 1.40E-10 | 2546 | 9.85E-11 | 2648 | 2.01E-10 | 2750 | 1.21E-10 | 2852 | | 2954 | 2.13E-10 | 3056 | | 3158 | 2.43E-10 |
| 2038 | 1.46E-10 | 2140 | 1.42E-10 | 2242 | 1.54E-10 | 2344 | 9.47E-11 | 2446 | 1.36E-10 | 2548 | 9.66E-11 | 2650 | 2.02E-10 | 2752 | 1.28E-10 | 2854 | | 2956 | 2.23E-10 | 3058 | | 3160 | 2.48E-10 |
| 2040 | 1.30E-10 | 2142 | 1.58E-10 | 2244 | 1.44E-10 | 2346 | 8.93E-11 | 2448 | 1.31E-10 | 2550 | 9.61E-11 | 2652 | 2.05E-10 | 2754 | 1.38E-10 | 2856 | 1.70E-10 | 2958 | 2.30E-10 | 3060 | | 3162 | 2.46E-10 |
| 2042 | 1.50E-10 | 2144 | 1.54E-10 | 2246 | 1.54E-10 | 2348 | 7.90E-11 | 2450 | 1.23E-10 | 2552 | 1.08E-10 | 2654 | 2.10E-10 | 2756 | 1.39E-10 | 2858 | 1.76E-10 | 2960 | 2.33E-10 | 3062 | 2.31E-10 | 3164 | 2.47E-10 |
| 2044 | 1.63E-10 | 2146 | 1.61E-10 | 2248 | 1.59E-10 | 2350 | 8.80E-11 | 2452 | 1.24E-10 | 2554 | 1.24E-10 | 2656 | 2.09E-10 | 2758 | 1.38E-10 | 2860 | 1.86E-10 | 2962 | 2.25E-10 | 3064 | 2.30E-10 | 3166 | 2.58E-10 |
| 2046 | 1.62E-10 | 2148 | 1.65E-10 | 2250 | 1.31E-10 | 2352 | 1.04E-10 | 2454 | 1.27E-10 | 2556 | 1.30E-10 | 2658 | 1.99E-10 | 2760 | 1.44E-10 | 2862 | 1.94E-10 | 2964 | 2.19E-10 | 3066 | 2.30E-10 | 3168 | 2.65E-10 |
| 2048 | 1.81E-10 | 2150 | 1.43E-10 | 2252 | 1.22E-10 | 2354 | 1.20E-10 | 2456 | 1.30E-10 | 2558 | 1.36E-10 | 2660 | 1.94E-10 | 2762 | 1.49E-10 | 2864 | 1.91E-10 | 2966 | 2.15E-10 | 3068 | 2.35E-10 | 3170 | 2.76E-10 |
| 2050 | 1.71E-10 | 2152 | 1.38E-10 | 2254 | 1.40E-10 | 2356 | 1.23E-10 | 2458 | 1.31E-10 | 2560 | 1.31E-10 | 2662 | 1.81E-10 | 2764 | 1.53E-10 | 2866 | 1.80E-10 | 2968 | 2.12E-10 | 3070 | 2.37E-10 | 3172 | 2.86E-10 |
| 2052 | 1.70E-10 | 2154 | 1.68E-10 | 2256 | 1.41E-10 | 2358 | 1.22E-10 | 2460 | 1.29E-10 | 2562 | 1.27E-10 | 2664 | 1.68E-10 | 2766 | 1.54E-10 | 2868 | 1.76E-10 | 2970 | 2.16E-10 | 3072 | 2.38E-10 | 3174 | 2.80E-10 |
| 2054 | 1.71E-10 | 2156 | 1.49E-10 | 2258 | 1.37E-10 | 2360 | 1.18E-10 | 2462 | 1.18E-10 | 2564 | 1.28E-10 | 2666 | 1.61E-10 | 2768 | 1.54E-10 | 2870 | 1.74E-10 | 2972 | 2.19E-10 | 3074 | 2.39E-10 | 3176 | 2.67E-10 |
| 2056 | 1.78E-10 | 2158 | 1.52E-10 | 2260 | 1.25E-10 | 2362 | 1.05E-10 | 2464 | 1.14E-10 | 2566 | 1.28E-10 | 2668 | 1.60E-10 | 2770 | 1.56E-10 | 2872 | 1.80E-10 | 2974 | 2.24E-10 | 3076 | 2.41E-10 | 3178 | 2.53E-10 |
| 2058 | 1.73E-10 | 2160 | 1.68E-10 | 2262 | 1.39E-10 | 2364 | 9.23E-11 | 2466 | 1.14E-10 | 2568 | 1.40E-10 | 2670 | 1.66E-10 | 2772 | 1.65E-10 | 2874 | 1.86E-10 | 2976 | 2.29E-10 | 3078 | 2.46E-10 | 3180 | 2.41E-10 |
| 2060 | 1.52E-10 | 2162 | 1.43E-10 | 2264 | 1.50E-10 | 2366 | 1.01E-10 | 2468 | 1.14E-10 | 2570 | 1.48E-10 | 2672 | 1.71E-10 | 2774 | 1.72E-10 | 2876 | 1.85E-10 | 2978 | 2.26E-10 | 3080 | 2.51E-10 | 3182 | 2.43E-10 |
| 2062 | 1.24E-10 | 2164 | 1.42E-10 | 2266 | 1.29E-10 | 2368 | 1.10E-10 | 2470 | 1.26E-10 | 2572 | 1.48E-10 | 2674 | 1.77E-10 | 2776 | 1.70E-10 | 2878 | 1.84E-10 | 2980 | 2.19E-10 | 3082 | 2.54E-10 | 3184 | 2.46E-10 |
| 2064 | 1.35E-10 | 2166 | 1.46E-10 | 2268 | 1.15E-10 | 2370 | 1.12E-10 | 2472 | 1.22E-10 | 2574 | 1.45E-10 | 2676 | 1.82E-10 | 2778 | 1.62E-10 | 2880 | 1.83E-10 | 2982 | 2.09E-10 | 3084 | 2.57E-10 | 3186 | 2.43E-10 |
| 2066 | 1.70E-10 | 2168 | 1.38E-10 | 2270 | 1.15E-10 | 2372 | 1.14E-10 | 2474 | 1.21E-10 | 2576 | 1.39E-10 | 2678 | 1.87E-10 | 2780 | 1.51E-10 | 2882 | 1.92E-10 | 2984 | 2.08E-10 | 3086 | 2.53E-10 | 3188 | 2.45E-10 |
| 2068 | 1.51E-10 | 2170 | 1.47E-10 | 2272 | 1.17E-10 | 2374 | 1.15E-10 | 2476 | 1.20E-10 | 2578 | 1.32E-10 | 2680 | 1.81E-10 | 2782 | 1.46E-10 | 2884 | 2.01E-10 | 2986 | 2.18E-10 | 3088 | 2.43E-10 | 3190 | 2.50E-10 |
| 2070 | 1.43E-10 | 2172 | 1.23E-10 | 2274 | 1.39E-10 | 2376 | 1.14E-10 | 2478 | 1.24E-10 | 2580 | 1.40E-10 | 2682 | 1.72E-10 | 2784 | 1.51E-10 | 2886 | 2.03E-10 | 2988 | 2.27E-10 | 3090 | 2.38E-10 | 3192 | 2.48E-10 |
| 2072 | 1.45E-10 | 2174 | 1.17E-10 | 2276 | 1.55E-10 | 2378 | 1.05E-10 | 2480 | 1.24E-10 | 2582 | 1.41E-10 | 2684 | 1.75E-10 | 2786 | 1.54E-10 | 2888 | 2.01E-10 | 2990 | 2.40E-10 | 3092 | 2.25E-10 | 3194 | 2.45E-10 |
| 2074 | 1.64E-10 | 2176 | 1.32E-10 | 2278 | 1.36E-10 | 2380 | 1.06E-10 | 2482 | 1.19E-10 | 2584 | 1.39E-10 | 2686 | 1.76E-10 | 2788 | 1.52E-10 | 2890 | 1.90E-10 | 2992 | 2.43E-10 | 3094 | 2.25E-10 | 3196 | 2.51E-10 |
| 2076 | 2.15E-10 | 2178 | 1.38E-10 | 2280 | 1.34E-10 | 2382 | 9.91E-11 | 2484 | 1.19E-10 | 2586 | 1.32E-10 | 2688 | 1.65E-10 | 2790 | 1.39E-10 | 2892 | 1.83E-10 | 2994 | 2.37E-10 | 3096 | 2.35E-10 | 3198 | 2.62E-10 |


HD 203280 A7 IV-V
V=2.44 (B-V)=0.22 E(B-V)=0.00
LAP: LWP 12660
FLUX ($10^{-10}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 85123 A7 II Vb V=2.97 (B-V)=0.27 E(B-V)=0.13**

**LAP: SWP 33670**

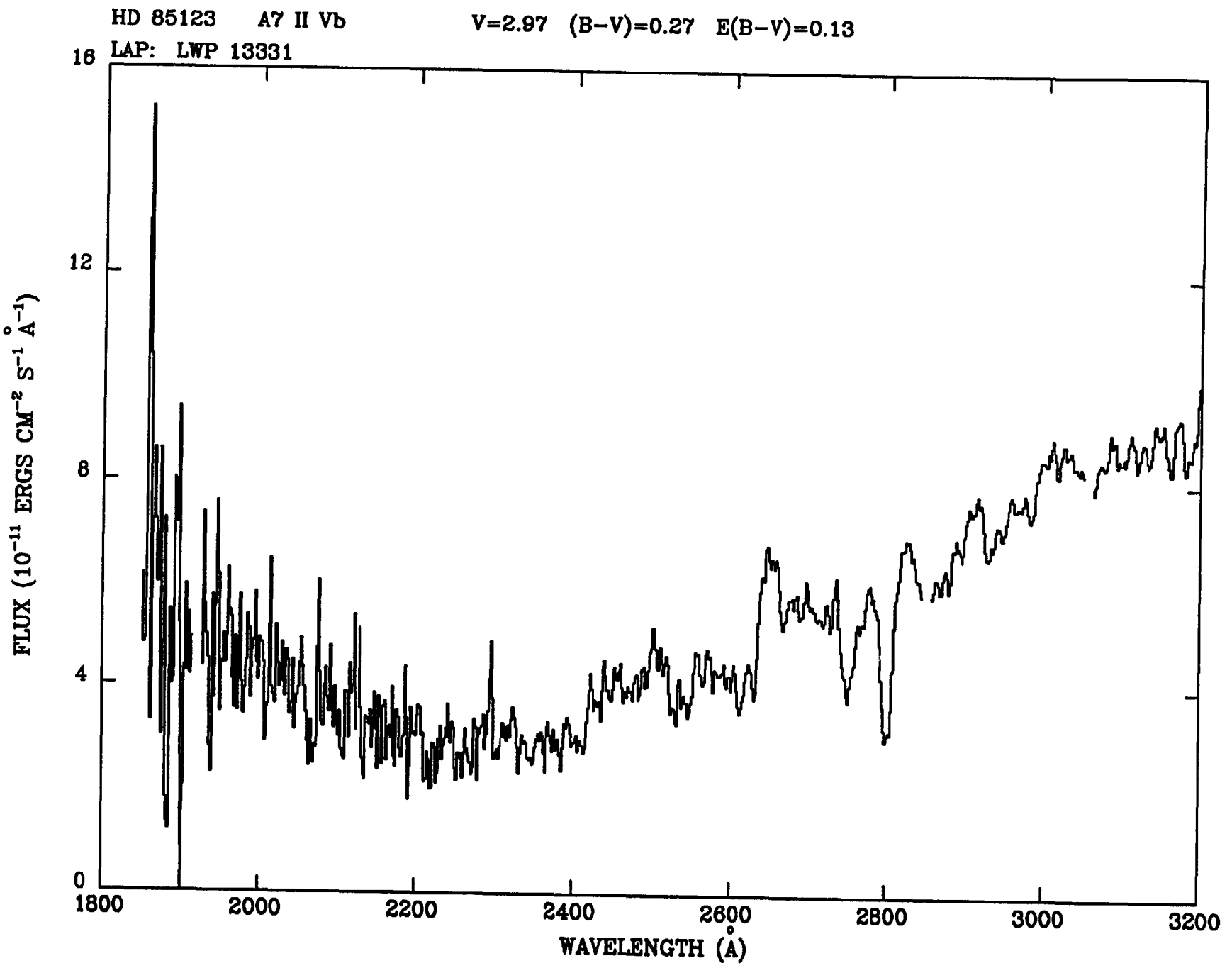
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1152 | 3.56E-11 | 1222 | 2.02E-11 | 1292 | 4.64E-11 | 1362 | 5.58E-11 | 1432 | 5.79E-11 | 1502 | 5.69E-11 | 1572 | 5.69E-11 | 1642 | 5.44E-11 | 1712 | 5.45E-11 | 1782 | 6.17E-11 | 1852 | 4.82E-11 | 1922 | 4.47E-11 |
| 1154 | 4.01E-11 | 1224 | 2.58E-11 | 1294 | 4.51E-11 | 1364 | 5.73E-11 | 1434 | 5.85E-11 | 1504 | 5.55E-11 | 1574 | 5.86E-11 | 1644 | 5.52E-11 | 1714 | 5.33E-11 | 1784 | 5.93E-11 | 1854 | 4.96E-11 | 1924 | |
| 1156 | 4.34E-11 | 1226 | 3.00E-11 | 1296 | 4.41E-11 | 1366 | 5.83E-11 | 1436 | 5.72E-11 | 1506 | 5.41E-11 | 1576 | 5.84E-11 | 1646 | 5.58E-11 | 1716 | 5.22E-11 | 1786 | 5.70E-11 | 1856 | 4.95E-11 | 1926 | |
| 1158 | 5.14E-11 | 1228 | 3.47E-11 | 1298 | 4.30E-11 | 1368 | 6.11E-11 | 1438 | 5.86E-11 | 1508 | 5.03E-11 | 1578 | 5.92E-11 | 1648 | 5.50E-11 | 1718 | 5.04E-11 | 1788 | 5.92E-11 | 1858 | 4.82E-11 | 1928 | 4.52E-11 |
| 1160 | 4.82E-11 | 1230 | 3.77E-11 | 1300 | 3.91E-11 | 1370 | 5.89E-11 | 1440 | 5.61E-11 | 1510 | 5.17E-11 | 1580 | 5.90E-11 | 1650 | 5.37E-11 | 1720 | 5.07E-11 | 1790 | 6.09E-11 | 1860 | 4.97E-11 | 1930 | 4.60E-11 |
| 1162 | 4.41E-11 | 1232 | 4.53E-11 | 1302 | 4.25E-11 | 1372 | 5.76E-11 | 1442 | 6.01E-11 | 1512 | 5.22E-11 | 1582 | 6.07E-11 | 1652 | 5.26E-11 | 1722 | 5.26E-11 | 1792 | | 1862 | 5.18E-11 | 1932 | 4.57E-11 |
| 1164 | 4.40E-11 | 1234 | 5.02E-11 | 1304 | 4.54E-11 | 1374 | 5.64E-11 | 1444 | 5.75E-11 | 1514 | 5.26E-11 | 1584 | 5.97E-11 | 1654 | 5.12E-11 | 1724 | 5.46E-11 | 1794 | | 1864 | 5.27E-11 | 1934 | 4.65E-11 |
| 1166 | 4.33E-11 | 1236 | 5.64E-11 | 1306 | 4.74E-11 | 1376 | 5.72E-11 | 1446 | 5.80E-11 | 1516 | 5.43E-11 | 1586 | 5.93E-11 | 1656 | 5.08E-11 | 1726 | 5.67E-11 | 1796 | | 1866 | 5.38E-11 | 1936 | 4.58E-11 |
| 1168 | 3.52E-11 | 1238 | 5.78E-11 | 1308 | 5.62E-11 | 1378 | 5.81E-11 | 1448 | 6.21E-11 | 1518 | 5.46E-11 | 1588 | 5.84E-11 | 1658 | 5.25E-11 | 1728 | 5.82E-11 | 1798 | | 1868 | 5.42E-11 | 1938 | 4.69E-11 |
| 1170 | 3.09E-11 | 1240 | 5.63E-11 | 1310 | 6.05E-11 | 1380 | 5.62E-11 | 1450 | 6.17E-11 | 1520 | 5.58E-11 | 1590 | 5.95E-11 | 1660 | | 1730 | 5.76E-11 | 1800 | 6.87E-11 | 1870 | 5.53E-11 | 1940 | 4.83E-11 |
| 1172 | 3.09E-11 | 1242 | 5.74E-11 | 1312 | 6.58E-11 | 1382 | 5.82E-11 | 1452 | 6.15E-11 | 1522 | 5.17E-11 | 1592 | 6.01E-11 | 1662 | | 1732 | 5.82E-11 | 1802 | 6.61E-11 | 1872 | 5.48E-11 | 1942 | 4.95E-11 |
| 1174 | 3.69E-11 | 1244 | 5.54E-11 | 1314 | 6.60E-11 | 1384 | 5.79E-11 | 1454 | 6.26E-11 | 1524 | 5.15E-11 | 1594 | 6.11E-11 | 1664 | | 1734 | 5.70E-11 | 1804 | 6.16E-11 | 1874 | 5.37E-11 | 1944 | 4.98E-11 |
| 1176 | 4.16E-11 | 1246 | 5.28E-11 | 1316 | 6.67E-11 | 1386 | 5.57E-11 | 1456 | 6.47E-11 | 1526 | 5.04E-11 | 1596 | 5.61E-11 | 1666 | 5.44E-11 | 1736 | 5.62E-11 | 1806 | 5.94E-11 | 1876 | 5.24E-11 | 1946 | 4.85E-11 |
| 1178 | 4.43E-11 | 1248 | 5.87E-11 | 1318 | 6.62E-11 | 1388 | 5.01E-11 | 1458 | 6.22E-11 | 1528 | 4.89E-11 | 1598 | 5.47E-11 | 1668 | 4.94E-11 | 1738 | 5.71E-11 | 1808 | 5.92E-11 | 1878 | 5.23E-11 | 1948 | 4.70E-11 |
| 1180 | 4.41E-11 | 1250 | 6.24E-11 | 1320 | 6.25E-11 | 1390 | 4.88E-11 | 1460 | 5.94E-11 | 1530 | 5.08E-11 | 1600 | 5.57E-11 | 1670 | 4.89E-11 | 1740 | 5.77E-11 | 1810 | 6.05E-11 | 1880 | 5.27E-11 | 1950 | 4.69E-11 |
| 1182 | 4.07E-11 | 1252 | 5.75E-11 | 1322 | 5.81E-11 | 1392 | 5.27E-11 | 1462 | 5.85E-11 | 1532 | 5.09E-11 | 1602 | 5.47E-11 | 1672 | 4.97E-11 | 1742 | 5.67E-11 | 1812 | 6.19E-11 | 1882 | 5.30E-11 | 1952 | 4.71E-11 |
| 1184 | 3.99E-11 | 1254 | 5.24E-11 | 1324 | 5.69E-11 | 1394 | 5.50E-11 | 1464 | 5.83E-11 | 1534 | 5.25E-11 | 1604 | 5.37E-11 | 1674 | 5.29E-11 | 1744 | 5.56E-11 | 1814 | 6.14E-11 | 1884 | 5.10E-11 | 1954 | 4.69E-11 |
| 1186 | 3.75E-11 | 1256 | 4.72E-11 | 1326 | | 1396 | 5.63E-11 | 1466 | 5.87E-11 | 1536 | 5.40E-11 | 1606 | 5.55E-11 | 1676 | 5.46E-11 | 1746 | 5.68E-11 | 1816 | 6.10E-11 | 1886 | 4.93E-11 | 1956 | 4.76E-11 |
| 1188 | 2.93E-11 | 1258 | 4.85E-11 | 1328 | | 1398 | 5.03E-11 | 1468 | 5.84E-11 | 1538 | 5.41E-11 | 1608 | 5.44E-11 | 1678 | 5.66E-11 | 1748 | 5.98E-11 | 1818 | 6.13E-11 | 1888 | 4.93E-11 | 1958 | 4.82E-11 |
| 1190 | 3.00E-11 | 1260 | 4.70E-11 | 1330 | 4.13E-11 | 1400 | 5.45E-11 | 1470 | 5.73E-11 | 1540 | 5.54E-11 | 1610 | 5.52E-11 | 1680 | 5.89E-11 | 1750 | 6.17E-11 | 1820 | 6.16E-11 | 1890 | 4.94E-11 | 1960 | 4.92E-11 |
| 1192 | 3.06E-11 | 1262 | 5.32E-11 | 1332 | 4.22E-11 | 1402 | 5.43E-11 | 1472 | 5.70E-11 | 1542 | 5.43E-11 | 1612 | 5.86E-11 | 1682 | 5.70E-11 | 1752 | 6.50E-11 | 1822 | 6.26E-11 | 1892 | 5.01E-11 | 1962 | 4.97E-11 |
| 1194 | | 1264 | 5.72E-11 | 1334 | 5.36E-11 | 1404 | 5.41E-11 | 1474 | 5.84E-11 | 1544 | 5.16E-11 | 1614 | 5.68E-11 | 1684 | 5.64E-11 | 1754 | 6.50E-11 | 1824 | 6.02E-11 | 1894 | 5.00E-11 | 1964 | 4.99E-11 |
| 1196 | | 1266 | 5.94E-11 | 1336 | 6.09E-11 | 1406 | 5.55E-11 | 1476 | 6.05E-11 | 1546 | 5.22E-11 | 1616 | 5.47E-11 | 1686 | 5.63E-11 | 1756 | 6.27E-11 | 1826 | 5.84E-11 | 1896 | 4.90E-11 | 1966 | 5.03E-11 |
| 1198 | | 1268 | 6.19E-11 | 1338 | 6.16E-11 | 1408 | 5.52E-11 | 1478 | 5.64E-11 | 1548 | 5.83E-11 | 1618 | 5.58E-11 | 1688 | 5.47E-11 | 1758 | 5.86E-11 | 1828 | 5.65E-11 | 1898 | 4.80E-11 | 1968 | 5.06E-11 |
| 1200 | 1.41E-11 | 1270 | 6.03E-11 | 1340 | 6.32E-11 | 1410 | 5.14E-11 | 1480 | 5.52E-11 | 1550 | 5.78E-11 | 1620 | 5.66E-11 | 1690 | 5.40E-11 | 1760 | 5.81E-11 | 1830 | 5.53E-11 | 1900 | 4.83E-11 | 1970 | 5.09E-11 |
| 1202 | 8.13E-12 | 1272 | 5.78E-11 | 1342 | 6.15E-11 | 1412 | 5.23E-11 | 1482 | 5.75E-11 | 1552 | 5.57E-11 | 1622 | 5.68E-11 | 1692 | 5.56E-11 | 1762 | 5.68E-11 | 1832 | 5.66E-11 | 1902 | 4.88E-11 | 1972 | 5.08E-11 |
| 1204 | 4.62E-12 | 1274 | 5.84E-11 | 1344 | 6.53E-11 | 1414 | 5.47E-11 | 1484 | 6.14E-11 | 1554 | 5.77E-11 | 1624 | 5.64E-11 | 1694 | 5.66E-11 | 1764 | 5.78E-11 | 1834 | 5.66E-11 | 1904 | 4.76E-11 | 1974 | 5.02E-11 |
| 1206 | 3.07E-12 | 1276 | 6.29E-11 | 1346 | 6.32E-11 | 1416 | 5.50E-11 | 1486 | 6.11E-11 | 1556 | 5.55E-11 | 1626 | 5.67E-11 | 1696 | 5.85E-11 | 1766 | 5.89E-11 | 1836 | 5.71E-11 | 1906 | 4.63E-11 | | |
| 1208 | 3.28E-12 | 1278 | 6.24E-11 | 1348 | 6.17E-11 | 1418 | 5.28E-11 | 1488 | 6.02E-11 | 1558 | 5.31E-11 | 1628 | 5.70E-11 | 1698 | 5.56E-11 | 1768 | 6.04E-11 | 1838 | 5.45E-11 | 1908 | 4.44E-11 | | |
| 1210 | 3.37E-12 | 1280 | 6.52E-11 | 1350 | 6.37E-11 | 1420 | 5.44E-11 | 1490 | 5.86E-11 | 1560 | 5.45E-11 | 1630 | 5.48E-11 | 1700 | 5.60E-11 | 1770 | 6.03E-11 | 1840 | 5.17E-11 | 1910 | 4.39E-11 | | |
| 1212 | 3.71E-12 | 1282 | 6.34E-11 | 1352 | 6.46E-11 | 1422 | 5.50E-11 | 1492 | 5.77E-11 | 1562 | 5.75E-11 | 1632 | 5.51E-11 | 1702 | 5.71E-11 | 1772 | 6.03E-11 | 1842 | 5.09E-11 | 1912 | 4.52E-11 | | |
| 1214 | 4.54E-12 | 1284 | 6.23E-11 | 1354 | 6.41E-11 | 1424 | 5.78E-11 | 1494 | 5.67E-11 | 1564 | 5.66E-11 | 1634 | 5.31E-11 | 1704 | 5.41E-11 | 1774 | 6.18E-11 | 1844 | 5.11E-11 | 1914 | 4.67E-11 | | |
| 1216 | 6.86E-12 | 1286 | 6.00E-11 | 1356 | 6.34E-11 | 1426 | 5.67E-11 | 1496 | 5.64E-11 | 1566 | 5.52E-11 | 1636 | 5.45E-11 | 1706 | 5.24E-11 | 1776 | 6.26E-11 | 1846 | 4.97E-11 | 1916 | 4.72E-11 | | |
| 1218 | 1.16E-11 | 1288 | 5.62E-11 | 1358 | 5.81E-11 | 1428 | 5.53E-11 | 1498 | 5.72E-11 | 1568 | 5.38E-11 | 1638 | 5.42E-11 | 1708 | 5.40E-11 | 1778 | 6.42E-11 | 1848 | 4.96E-11 | 1918 | 4.67E-11 | | |
| 1220 | 1.53E-11 | 1290 | 5.19E-11 | 1360 | 5.68E-11 | 1430 | 5.24E-11 | 1500 | 5.77E-11 | 1570 | 5.30E-11 | 1640 | 5.50E-11 | 1710 | 5.48E-11 | 1780 | 6.40E-11 | 1850 | 4.85E-11 | 1920 | 4.61E-11 | | |


HD 85123 A7 II Vb V=2.97 (B−V)=0.27 E(B−V)=0.13
LAP: SWP 33670
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000

**HD 85123 A7 II Vb V=2.97 (B-V)=0.27 E(B-V)=0.13**

**LAP: LWP 13331**

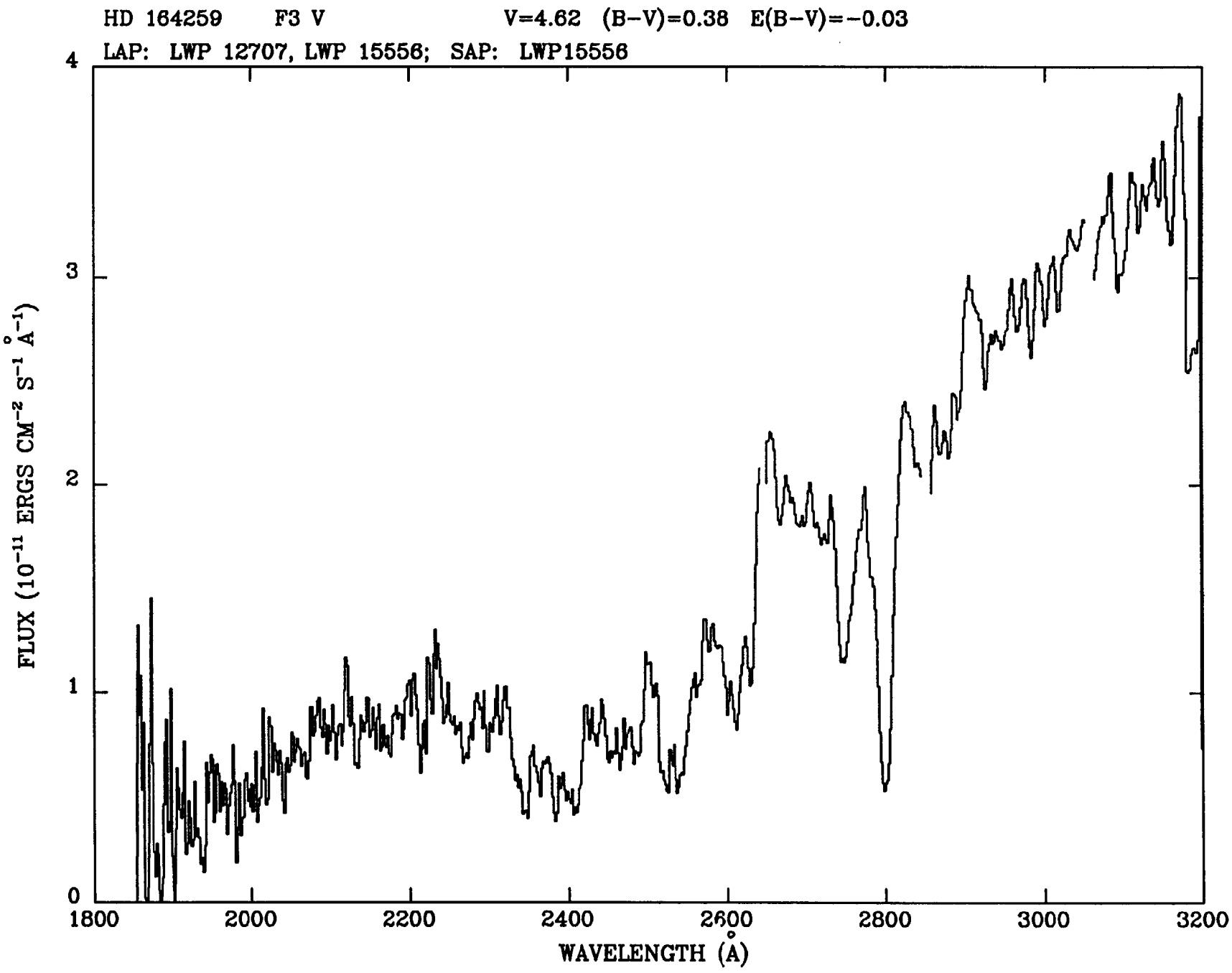
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 5.13E-11 | 2078 | 5.16E-11 | 2180 | 2.76E-11 | 2282 | 3.15E-11 | 2384 | 2.63E-11 | 2486 | 3.99E-11 | 2588 | 4.28E-11 | 2690 | 5.42E-11 | 2792 | 4.60E-11 | 2894 | 6.68E-11 | 2996 | 8.42E-11 | 3098 | 8.46E-11 |
| 1978 | 4.65E-11 | 2080 | 3.71E-11 | 2182 | 2.68E-11 | 2284 | 3.22E-11 | 2386 | 2.50E-11 | 2488 | 4.31E-11 | 2590 | 4.39E-11 | 2692 | 5.45E-11 | 2794 | 3.97E-11 | 2896 | 6.56E-11 | 2998 | 8.50E-11 | 3100 | 8.49E-11 |
| 1980 | 3.60E-11 | 2082 | 3.24E-11 | 2184 | 3.01E-11 | 2286 | 3.40E-11 | 2388 | 3.00E-11 | 2490 | 4.43E-11 | 2592 | 4.32E-11 | 2694 | 5.74E-11 | 2796 | 3.44E-11 | 2898 | 6.75E-11 | 3000 | 8.50E-11 | 3102 | 8.54E-11 |
| 1982 | 3.83E-11 | 2084 | 3.76E-11 | 2186 | 3.45E-11 | 2288 | 2.89E-11 | 2390 | 3.27E-11 | 2492 | 4.03E-11 | 2594 | 4.07E-11 | 2696 | 6.10E-11 | 2798 | 3.09E-11 | 2900 | 7.10E-11 | 3002 | 8.46E-11 | 3104 | 8.50E-11 |
| 1984 | 4.39E-11 | 2086 | 4.26E-11 | 2188 | 4.04E-11 | 2290 | 3.05E-11 | 2392 | 3.30E-11 | 2494 | 4.06E-11 | 2596 | 4.17E-11 | 2698 | 5.91E-11 | 2800 | 3.11E-11 | 2902 | 7.32E-11 | 3004 | 8.44E-11 | 3106 | 8.72E-11 |
| 1986 | 5.32E-11 | 2088 | 3.85E-11 | 2190 | 2.68E-11 | 2292 | 3.50E-11 | 2394 | 3.35E-11 | 2496 | 4.41E-11 | 2598 | 4.26E-11 | 2700 | 5.64E-11 | 2802 | 3.17E-11 | 2904 | 7.46E-11 | 3006 | 8.65E-11 | 3108 | 8.88E-11 |
| 1988 | 5.03E-11 | 2090 | 3.51E-11 | 2192 | 2.13E-11 | 2294 | 4.19E-11 | 2396 | 3.18E-11 | 2498 | 4.73E-11 | 2600 | 4.05E-11 | 2702 | 5.59E-11 | 2804 | 3.16E-11 | 2906 | 7.55E-11 | 3008 | 8.59E-11 | 3110 | 9.00E-11 |
| 1990 | 3.89E-11 | 2092 | 4.67E-11 | 2194 | 3.07E-11 | 2296 | 4.73E-11 | 2398 | 2.95E-11 | 2500 | 4.89E-11 | 2602 | 4.13E-11 | 2704 | 5.60E-11 | 2806 | 3.58E-11 | 2908 | 7.48E-11 | 3010 | 8.80E-11 | 3112 | 8.94E-11 |
| 1992 | 4.72E-11 | 2094 | 3.87E-11 | 2196 | 3.25E-11 | 2298 | 3.55E-11 | 2400 | 2.91E-11 | 2502 | 5.18E-11 | 2604 | 4.44E-11 | 2706 | 5.54E-11 | 2808 | 4.38E-11 | 2910 | 7.47E-11 | 3012 | 8.90E-11 | 3114 | 8.83E-11 |
| 1994 | 5.11E-11 | 2096 | 3.31E-11 | 2198 | 3.10E-11 | 2300 | 2.64E-11 | 2402 | 2.94E-11 | 2504 | 5.02E-11 | 2606 | 4.33E-11 | 2708 | 5.46E-11 | 2810 | 5.28E-11 | 2912 | 7.50E-11 | 3014 | 8.66E-11 | 3116 | 8.62E-11 |
| 1996 | 5.39E-11 | 2098 | 3.80E-11 | 2200 | 3.06E-11 | 2302 | 2.74E-11 | 2404 | 3.05E-11 | 2506 | 4.61E-11 | 2608 | 3.97E-11 | 2710 | 5.37E-11 | 2812 | 5.79E-11 | 2914 | 7.66E-11 | 3016 | 8.46E-11 | 3118 | 8.38E-11 |
| 1998 | 4.31E-11 | 2100 | 3.19E-11 | 2202 | 3.35E-11 | 2304 | 2.72E-11 | 2406 | 2.78E-11 | 2508 | 4.39E-11 | 2610 | 3.65E-11 | 2712 | 5.38E-11 | 2814 | 6.01E-11 | 2916 | 7.80E-11 | 3018 | 8.21E-11 | 3120 | 8.39E-11 |
| 2000 | 4.60E-11 | 2102 | 3.18E-11 | 2204 | 3.60E-11 | 2306 | 2.72E-11 | 2408 | 2.96E-11 | 2510 | 4.64E-11 | 2612 | 3.55E-11 | 2714 | 5.39E-11 | 2816 | 6.26E-11 | 2918 | 7.63E-11 | 3020 | 8.33E-11 | 3122 | 8.57E-11 |
| 2002 | 4.85E-11 | 2104 | 3.17E-11 | 2206 | 3.59E-11 | 2308 | 3.07E-11 | 2410 | 2.96E-11 | 2512 | 4.62E-11 | 2614 | 3.68E-11 | 2716 | 5.31E-11 | 2818 | 6.55E-11 | 2920 | 7.65E-11 | 3022 | 8.59E-11 | 3124 | 8.78E-11 |
| 2004 | 4.82E-11 | 2106 | 2.70E-11 | 2208 | 3.05E-11 | 2310 | 3.28E-11 | 2412 | 2.84E-11 | 2514 | 4.33E-11 | 2616 | 3.82E-11 | 2718 | 5.25E-11 | 2820 | 6.74E-11 | 2922 | 7.51E-11 | 3024 | 8.74E-11 | 3126 | 8.86E-11 |
| 2006 | 4.38E-11 | 2108 | 2.61E-11 | 2210 | 2.95E-11 | 2312 | 3.12E-11 | 2414 | 2.76E-11 | 2516 | 4.43E-11 | 2618 | 4.00E-11 | 2720 | 5.31E-11 | 2822 | 6.75E-11 | 2924 | 7.12E-11 | 3026 | 8.82E-11 | 3128 | 8.82E-11 |
| 2008 | 2.98E-11 | 2110 | 3.43E-11 | 2212 | 2.17E-11 | 2314 | 3.18E-11 | 2416 | 3.01E-11 | 2518 | 4.61E-11 | 2620 | 4.25E-11 | 2722 | 5.65E-11 | 2824 | 6.86E-11 | 2926 | 6.74E-11 | 3028 | 8.66E-11 | 3130 | 8.67E-11 |
| 2010 | 3.57E-11 | 2112 | 3.88E-11 | 2214 | 2.33E-11 | 2316 | 3.01E-11 | 2418 | 3.45E-11 | 2520 | 4.49E-11 | 2622 | 4.42E-11 | 2724 | 5.67E-11 | 2826 | 6.91E-11 | 2928 | 6.59E-11 | 3030 | 8.61E-11 | 3132 | 8.49E-11 |
| 2012 | 4.01E-11 | 2114 | 3.22E-11 | 2216 | 2.67E-11 | 2318 | 3.22E-11 | 2420 | 3.76E-11 | 2522 | 3.92E-11 | 2624 | 4.45E-11 | 2726 | 5.44E-11 | 2828 | 6.92E-11 | 2930 | 6.59E-11 | 3032 | 8.62E-11 | 3134 | 8.45E-11 |
| 2014 | 5.55E-11 | 2116 | 4.15E-11 | 2218 | 2.35E-11 | 2320 | 3.04E-11 | 2422 | 4.13E-11 | 2524 | 3.53E-11 | 2626 | 4.37E-11 | 2728 | 5.17E-11 | 2830 | 6.83E-11 | 2932 | 6.70E-11 | 3034 | 8.69E-11 | 3136 | 8.54E-11 |
| 2016 | 5.60E-11 | 2118 | 3.94E-11 | 2220 | 2.03E-11 | 2322 | 3.38E-11 | 2424 | 4.10E-11 | 2526 | 3.63E-11 | 2628 | 4.13E-11 | 2730 | 5.42E-11 | 2832 | 6.59E-11 | 2934 | 6.81E-11 | 3036 | 8.59E-11 | 3138 | 8.76E-11 |
| 2018 | 3.90E-11 | 2120 | 3.98E-11 | 2222 | 2.51E-11 | 2324 | 3.57E-11 | 2426 | 3.71E-11 | 2528 | 3.54E-11 | 2630 | 3.87E-11 | 2732 | 5.89E-11 | 2834 | 6.62E-11 | 2936 | 6.80E-11 | 3038 | 8.37E-11 | 3140 | 9.06E-11 |
| 2020 | 3.74E-11 | 2122 | 5.28E-11 | 2224 | 2.85E-11 | 2326 | 3.37E-11 | 2428 | 3.71E-11 | 2530 | 3.33E-11 | 2632 | 3.90E-11 | 2734 | 6.10E-11 | 2836 | 6.45E-11 | 2938 | 7.02E-11 | 3040 | 8.38E-11 | 3142 | 9.23E-11 |
| 2022 | 4.49E-11 | 2124 | 3.15E-11 | 2226 | 2.37E-11 | 2328 | 3.13E-11 | 2430 | 3.71E-11 | 2532 | 3.58E-11 | 2634 | 4.55E-11 | 2736 | 5.99E-11 | 2838 | 6.18E-11 | 2940 | 7.20E-11 | 3042 | 8.37E-11 | 3144 | 9.11E-11 |
| 2024 | 4.72E-11 | 2126 | | 2228 | 2.27E-11 | 2330 | 2.67E-11 | 2432 | 3.65E-11 | 2534 | 4.13E-11 | 2636 | 5.32E-11 | 2738 | 5.49E-11 | 2840 | 6.14E-11 | 2942 | 7.22E-11 | 3044 | 8.30E-11 | 3146 | 9.00E-11 |
| 2026 | 4.12E-11 | 2128 | 4.73E-11 | 2230 | 2.84E-11 | 2332 | 2.49E-11 | 2434 | 3.73E-11 | 2536 | 3.91E-11 | 2638 | 5.95E-11 | 2740 | 4.93E-11 | 2842 | 6.12E-11 | 2944 | 7.17E-11 | 3046 | 8.31E-11 | 3148 | 8.99E-11 |
| 2028 | 4.06E-11 | 2130 | 3.22E-11 | 2232 | 3.19E-11 | 2334 | 2.87E-11 | 2436 | 3.41E-11 | 2538 | 3.70E-11 | 2640 | 6.20E-11 | 2742 | 4.57E-11 | 2844 | 5.97E-11 | 2946 | 7.02E-11 | 3048 | 8.37E-11 | 3150 | 9.07E-11 |
| 2030 | 4.68E-11 | 2132 | 2.46E-11 | 2234 | 2.62E-11 | 2336 | 2.98E-11 | 2438 | 4.00E-11 | 2540 | 3.82E-11 | 2642 | 6.19E-11 | 2744 | 4.35E-11 | 2846 | 5.86E-11 | 2948 | 6.97E-11 | 3050 | 8.29E-11 | 3152 | 9.23E-11 |
| 2032 | 4.18E-11 | 2134 | 2.24E-11 | 2236 | 2.85E-11 | 2338 | 2.94E-11 | 2440 | 4.50E-11 | 2542 | 3.77E-11 | 2644 | 6.32E-11 | 2746 | 4.26E-11 | 2848 | | 2950 | 7.10E-11 | 3052 | 8.23E-11 | 3154 | 8.96E-11 |
| 2034 | 3.80E-11 | 2136 | 2.86E-11 | 2238 | 3.03E-11 | 2340 | 2.93E-11 | 2442 | 4.17E-11 | 2544 | 3.73E-11 | 2646 | 6.78E-11 | 2748 | 3.96E-11 | 2850 | | 2952 | 7.32E-11 | 3054 | | 3156 | 8.66E-11 |
| 2036 | 4.68E-11 | 2138 | 3.38E-11 | 2240 | 3.28E-11 | 2342 | 2.71E-11 | 2444 | 3.96E-11 | 2546 | 3.49E-11 | 2648 | 6.68E-11 | 2750 | 3.78E-11 | 2852 | | 2954 | 7.44E-11 | 3056 | | 3158 | 8.56E-11 |
| 2038 | 4.34E-11 | 2140 | 3.29E-11 | 2242 | 3.49E-11 | 2344 | 2.61E-11 | 2446 | 3.91E-11 | 2548 | 3.52E-11 | 2650 | 6.46E-11 | 2752 | 4.10E-11 | 2854 | | 2956 | 7.62E-11 | 3058 | | 3160 | 8.39E-11 |
| 2040 | 3.48E-11 | 2142 | 3.46E-11 | 2244 | 2.97E-11 | 2346 | 2.63E-11 | 2448 | 3.78E-11 | 2550 | 3.72E-11 | 2652 | 6.49E-11 | 2754 | 4.30E-11 | 2856 | 5.84E-11 | 2958 | 7.77E-11 | 3060 | | 3162 | 8.27E-11 |
| 2042 | 3.85E-11 | 2144 | 2.94E-11 | 2246 | 3.07E-11 | 2348 | 2.52E-11 | 2450 | 3.87E-11 | 2552 | 3.91E-11 | 2654 | 6.53E-11 | 2756 | 4.36E-11 | 2858 | 5.82E-11 | 2960 | 7.79E-11 | 3062 | 8.00E-11 | 3164 | 8.45E-11 |
| 2044 | 4.03E-11 | 2146 | 3.15E-11 | 2248 | 3.26E-11 | 2350 | 2.59E-11 | 2452 | 4.21E-11 | 2554 | 4.39E-11 | 2656 | 6.41E-11 | 2758 | 4.59E-11 | 2860 | 5.93E-11 | 2962 | 7.66E-11 | 3064 | 7.90E-11 | 3166 | 8.92E-11 |
| 2046 | 3.34E-11 | 2148 | 3.83E-11 | 2250 | 2.80E-11 | 2352 | 2.85E-11 | 2454 | 4.33E-11 | 2556 | 4.70E-11 | 2658 | 6.51E-11 | 2760 | 4.98E-11 | 2862 | 6.15E-11 | 2964 | 7.54E-11 | 3066 | 8.08E-11 | 3168 | 9.20E-11 |
| 2048 | 3.71E-11 | 2150 | 3.12E-11 | 2252 | 2.29E-11 | 2354 | 2.99E-11 | 2456 | 4.21E-11 | 2558 | 4.67E-11 | 2660 | 6.46E-11 | 2762 | 5.23E-11 | 2864 | 6.17E-11 | 2966 | 7.57E-11 | 3068 | 8.35E-11 | 3170 | 9.26E-11 |
| 2050 | 3.89E-11 | 2152 | 2.60E-11 | 2254 | 2.53E-11 | 2356 | 3.05E-11 | 2458 | 4.29E-11 | 2560 | 4.56E-11 | 2662 | 6.03E-11 | 2764 | 5.22E-11 | 2866 | 6.08E-11 | 2968 | 7.58E-11 | 3070 | 8.43E-11 | 3172 | 9.33E-11 |
| 2052 | 4.25E-11 | 2154 | 3.71E-11 | 2256 | 2.65E-11 | 2358 | 3.00E-11 | 2460 | 4.46E-11 | 2562 | 4.28E-11 | 2664 | 5.57E-11 | 2766 | 5.21E-11 | 2868 | 5.91E-11 | 2970 | 7.59E-11 | 3072 | 8.47E-11 | 3174 | 9.33E-11 |
| 2054 | 4.76E-11 | 2156 | 3.17E-11 | 2258 | 2.69E-11 | 2360 | 3.09E-11 | 2462 | 4.05E-11 | 2564 | 4.18E-11 | 2666 | 5.31E-11 | 2768 | 5.29E-11 | 2870 | 5.97E-11 | 2972 | 7.57E-11 | 3074 | 8.44E-11 | 3176 | 9.01E-11 |
| 2056 | 4.49E-11 | 2158 | 2.82E-11 | 2260 | 2.31E-11 | 2362 | 2.90E-11 | 2464 | 3.75E-11 | 2566 | 4.12E-11 | 2668 | 5.20E-11 | 2770 | 5.28E-11 | 2872 | 6.22E-11 | 2974 | 7.64E-11 | 3076 | 8.39E-11 | 3178 | 8.49E-11 |
| 2058 | 4.04E-11 | 2160 | 3.64E-11 | 2262 | 2.66E-11 | 2364 | 2.54E-11 | 2466 | 3.92E-11 | 2568 | 4.48E-11 | 2670 | 5.35E-11 | 2772 | 5.53E-11 | 2874 | 6.33E-11 | 2976 | 7.82E-11 | 3078 | 8.38E-11 | 3180 | 8.29E-11 |
| 2060 | 3.54E-11 | 2162 | 3.19E-11 | 2264 | 3.13E-11 | 2366 | 2.84E-11 | 2468 | 3.86E-11 | 2570 | 4.75E-11 | 2672 | 5.43E-11 | 2774 | 5.87E-11 | 2876 | 6.32E-11 | 2978 | 7.78E-11 | 3080 | 8.48E-11 | 3182 | 8.34E-11 |
| 2062 | 2.93E-11 | 2164 | 2.80E-11 | 2266 | 2.78E-11 | 2368 | 3.29E-11 | 2470 | 4.00E-11 | 2572 | 4.65E-11 | 2674 | 5.65E-11 | 2776 | 6.00E-11 | 2878 | 6.10E-11 | 2980 | 7.51E-11 | 3082 | 8.76E-11 | 3184 | 8.60E-11 |
| 2064 | 2.50E-11 | 2166 | 3.14E-11 | 2268 | 2.63E-11 | 2370 | 3.14E-11 | 2472 | 3.94E-11 | 2574 | 4.64E-11 | 2676 | 5.75E-11 | 2778 | 6.05E-11 | 2880 | 6.04E-11 | 2982 | 7.34E-11 | 3084 | 9.01E-11 | 3186 | 8.57E-11 |
| 2066 | 3.23E-11 | 2168 | 3.07E-11 | 2270 | 2.47E-11 | 2372 | 2.97E-11 | 2474 | 3.89E-11 | 2576 | 4.38E-11 | 2678 | 5.77E-11 | 2780 | 5.90E-11 | 2882 | 6.40E-11 | 2984 | 7.35E-11 | 3086 | 8.88E-11 | 3188 | 8.62E-11 |
| 2068 | 2.64E-11 | 2170 | 3.68E-11 | 2272 | 2.35E-11 | 2374 | 2.78E-11 | 2476 | 3.91E-11 | 2578 | 3.98E-11 | 2680 | 5.68E-11 | 2782 | 5.75E-11 | 2884 | 6.70E-11 | 2986 | 7.44E-11 | 3088 | 8.82E-11 | 3190 | 8.84E-11 |
| 2070 | 2.59E-11 | 2172 | 2.96E-11 | 2274 | 2.76E-11 | 2376 | 3.14E-11 | 2478 | 4.17E-11 | 2580 | 4.37E-11 | 2682 | 5.71E-11 | 2784 | 5.77E-11 | 2886 | 6.74E-11 | 2988 | 7.64E-11 | 3090 | 8.88E-11 | 3192 | 8.93E-11 |
| 2072 | 2.84E-11 | 2174 | 2.47E-11 | 2276 | 3.29E-11 | 2378 | 2.81E-11 | 2480 | 4.26E-11 | 2582 | 4.32E-11 | 2684 | 5.84E-11 | 2786 | 5.58E-11 | 2888 | 6.91E-11 | 2990 | 7.99E-11 | 3092 | 8.53E-11 | 3194 | 9.00E-11 |
| 2074 | 3.48E-11 | 2176 | 3.41E-11 | 2278 | 2.70E-11 | 2380 | 3.00E-11 | 2482 | 3.98E-11 | 2584 | 4.26E-11 | 2686 | 5.63E-11 | 2788 | 5.49E-11 | 2890 | 6.84E-11 | 2992 | 8.16E-11 | 3094 | 8.42E-11 | 3196 | 9.41E-11 |
| 2076 | 5.34E-11 | 2178 | 3.37E-11 | 2280 | 2.68E-11 | 2382 | 2.94E-11 | 2484 | 3.84E-11 | 2586 | 4.27E-11 | 2688 | 5.42E-11 | 2790 | 5.22E-11 | 2892 | 6.76E-11 | 2994 | 8.25E-11 | 3096 | 8.54E-11 | 3198 | 9.85E-11 |


HD 85123 A7 II Vb
V=2.97 (B−V)=0.27 E(B−V)=0.13
LAP: LWP 13331
16
12
8
4
0
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 164259 F3 V V=4.62 (B-V)=0.38 E(B-V)=-0.03**

**LAP: LWP 12707, LWP 15556; SAP: LWP15556**

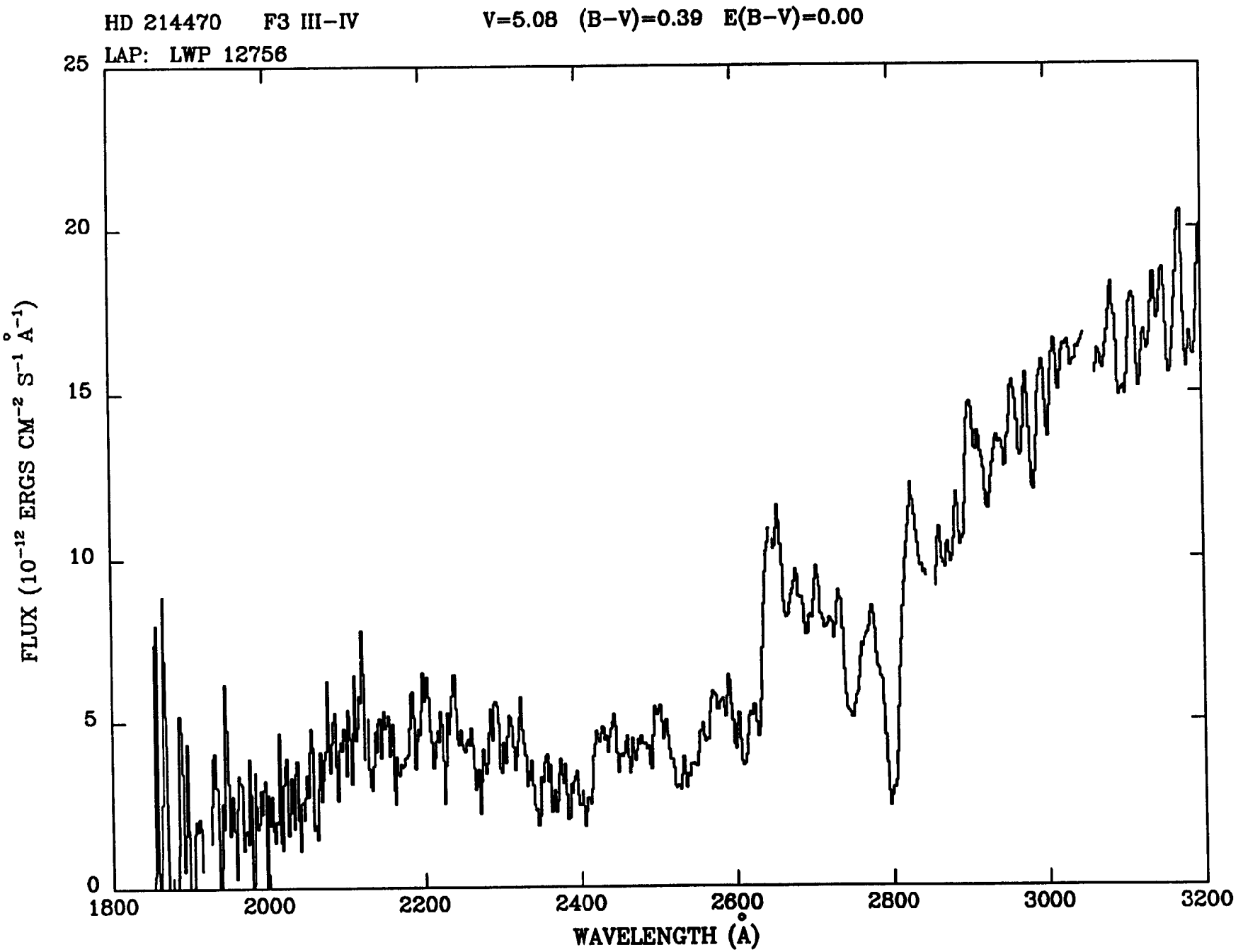
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 6.72E-12 | 2078 | 8.62E-12 | 2180 | 8.90E-12 | 2282 | 9.24E-12 | 2384 | 3.93E-12 | 2486 | 7.16E-12 | 2588 | 1.22E-11 | 2690 | 1.81E-11 | 2792 | 9.44E-12 | 2894 | 2.37E-11 | 2996 | 2.98E-11 | [illegible] | [illegible] |
| 1978 | 6.36E-12 | 2080 | 8.04E-12 | 2182 | 9.04E-12 | 2284 | 9.83E-12 | 2386 | 4.71E-12 | 2488 | 7.03E-12 | 2590 | 1.23E-11 | 2692 | 1.80E-11 | 2794 | 7.48E-12 | 2896 | 2.46E-11 | 2998 | 2.90E-11 | [illegible] | [illegible] |
| 1980 | 3.06E-12 | 2082 | 8.63E-12 | 2184 | 9.24E-12 | 2286 | 9.63E-12 | 2388 | 5.83E-12 | 2490 | 7.13E-12 | 2592 | 1.22E-11 | 2694 | 1.83E-11 | 2796 | 6.16E-12 | 2898 | 2.66E-11 | 3000 | 2.80E-11 | [illegible] | [illegible] |
| 1982 | 3.14E-12 | 2084 | 9.38E-12 | 2186 | 8.82E-12 | 2288 | 9.25E-12 | 2390 | 5.50E-12 | 2492 | 8.35E-12 | 2594 | 1.19E-11 | 2696 | 1.85E-11 | 2798 | 5.49E-12 | 2900 | 2.82E-11 | 3002 | 2.79E-11 | 3104 | 3.17E-11 |
| 1984 | 5.36E-12 | 2086 | 9.70E-12 | 2188 | 8.99E-12 | 2290 | 9.29E-12 | 2392 | 5.87E-12 | 2494 | 8.70E-12 | 2596 | 1.11E-11 | 2698 | 1.81E-11 | 2800 | 5.57E-12 | 2902 | 2.91E-11 | 3004 | 2.88E-11 | 3106 | 3.29E-11 |
| 1986 | 3.46E-12 | 2088 | 8.61E-12 | 2190 | 8.49E-12 | 2292 | 8.34E-12 | 2394 | 5.76E-12 | 2496 | 1.03E-11 | 2598 | 1.05E-11 | 2700 | 1.84E-11 | 2802 | 5.79E-12 | 2904 | 2.97E-11 | 3006 | 3.01E-11 | 3108 | 3.42E-11 |
| 1988 | 3.96E-12 | 2090 | 7.95E-12 | 2192 | 7.99E-12 | 2294 | 9.99E-12 | 2396 | 5.07E-12 | 2498 | 1.19E-11 | 2600 | 9.40E-12 | 2702 | 1.93E-11 | 2804 | 6.46E-12 | 2906 | 2.99E-11 | 3008 | 3.05E-11 | 3110 | 3.50E-11 |
| 1990 | 4.25E-12 | 2092 | 9.11E-12 | 2194 | 9.02E-12 | 2296 | 8.31E-12 | 2398 | 5.13E-12 | 2500 | 1.14E-11 | 2602 | 9.44E-12 | 2704 | 1.99E-11 | 2806 | 8.02E-12 | 2908 | 2.94E-11 | 3010 | 3.07E-11 | 3112 | 3.47E-11 |
| 1992 | 5.87E-12 | 2094 | 8.42E-12 | 2196 | 9.73E-12 | 2298 | 7.19E-12 | 2400 | 5.02E-12 | 2502 | 1.14E-11 | 2604 | 1.04E-11 | 2706 | 1.99E-11 | 2808 | 1.06E-11 | 2910 | 2.91E-11 | 3012 | 3.10E-11 | 3114 | 3.45E-11 |
| 1994 | 5.82E-12 | 2096 | 7.29E-12 | 2198 | 1.02E-11 | 2300 | 7.52E-12 | 2402 | 4.77E-12 | 2504 | 1.11E-11 | 2606 | 1.00E-11 | 2708 | 1.92E-11 | 2810 | 1.37E-11 | 2912 | 2.87E-11 | 3014 | 3.02E-11 | 3116 | 3.38E-11 |
| 1996 | 5.00E-12 | 2098 | 8.29E-12 | 2200 | 1.05E-11 | 2302 | 8.50E-12 | 2404 | 5.29E-12 | 2506 | 1.01E-11 | 2608 | 9.26E-12 | 2710 | 1.84E-11 | 2812 | 1.62E-11 | 2914 | 2.85E-11 | 3016 | 2.91E-11 | 3118 | 3.25E-11 |
| 1998 | 5.10E-12 | 2100 | 7.81E-12 | 2202 | 9.24E-12 | 2304 | 8.32E-12 | 2406 | 4.29E-12 | 2508 | 9.82E-12 | 2610 | 8.60E-12 | 2712 | 1.80E-11 | 2814 | 1.77E-11 | 2916 | 2.83E-11 | 3018 | 2.84E-11 | 3120 | 3.24E-11 |
| 2000 | 5.21E-12 | 2102 | 8.58E-12 | 2204 | 1.04E-11 | 2306 | 8.42E-12 | 2408 | 4.50E-12 | 2510 | 1.02E-11 | 2612 | 8.36E-12 | 2714 | 1.81E-11 | 2816 | 1.94E-11 | 2918 | 2.81E-11 | 3020 | 2.88E-11 | 3122 | 3.35E-11 |
| 2002 | 4.52E-12 | 2104 | 8.88E-12 | 2206 | 1.09E-11 | 2308 | 9.24E-12 | 2410 | 4.32E-12 | 2512 | 1.01E-11 | 2614 | 9.20E-12 | 2716 | 1.80E-11 | 2818 | 2.10E-11 | 2920 | 2.80E-11 | 3022 | 2.99E-11 | 3124 | 3.44E-11 |
| 2004 | 5.44E-12 | 2106 | 7.52E-12 | 2208 | 9.87E-12 | 2310 | 1.00E-11 | 2412 | 4.79E-12 | 2514 | 7.80E-12 | 2616 | 1.02E-11 | 2718 | 1.76E-11 | 2820 | 2.26E-11 | 2922 | 2.74E-11 | 3024 | 3.08E-11 | 3126 | 3.39E-11 |
| 2006 | 7.08E-12 | 2108 | 7.44E-12 | 2210 | 9.02E-12 | 2312 | 9.39E-12 | 2414 | 5.47E-12 | 2516 | 6.32E-12 | 2618 | 1.10E-11 | 2720 | 1.72E-11 | 2822 | 2.35E-11 | 2924 | 2.57E-11 | 3026 | 3.10E-11 | 3128 | 3.34E-11 |
| 2008 | 3.89E-12 | 2110 | 8.23E-12 | 2212 | 7.33E-12 | 2314 | 8.27E-12 | 2416 | 5.95E-12 | 2518 | 6.26E-12 | 2620 | 1.17E-11 | 2722 | 1.74E-11 | 2824 | 2.39E-11 | 2926 | 2.47E-11 | 3028 | 3.11E-11 | 3130 | 3.34E-11 |
| 2010 | 4.68E-12 | 2112 | 8.46E-12 | 2214 | 6.47E-12 | 2316 | 8.46E-12 | 2418 | 7.08E-12 | 2520 | 5.90E-12 | 2622 | 1.24E-11 | 2724 | 1.76E-11 | 2826 | 2.38E-11 | 2928 | 2.52E-11 | 3030 | 3.17E-11 | 3132 | 3.40E-11 |
| 2012 | 5.27E-12 | 2114 | 7.72E-12 | 2216 | 7.67E-12 | 2318 | 9.49E-12 | 2420 | 8.44E-12 | 2522 | 5.64E-12 | 2624 | 1.24E-11 | 2726 | 1.74E-11 | 2828 | 2.35E-11 | 2930 | 2.66E-11 | 3032 | 3.22E-11 | 3134 | 3.44E-11 |
| 2014 | 7.12E-12 | 2116 | 7.98E-12 | 2218 | 8.55E-12 | 2320 | 1.02E-11 | 2422 | 9.36E-12 | 2524 | 5.30E-12 | 2626 | 1.16E-11 | 2728 | 1.74E-11 | 2830 | 2.34E-11 | 2932 | 2.70E-11 | 3034 | 3.20E-11 | 3136 | 3.48E-11 |
| 2016 | 8.06E-12 | 2118 | 9.80E-12 | 2220 | 7.94E-12 | 2322 | 1.02E-11 | 2424 | 8.89E-12 | 2526 | 5.55E-12 | 2628 | 1.07E-11 | 2730 | 1.86E-11 | 2832 | 2.29E-11 | 2934 | 2.71E-11 | 3036 | 3.18E-11 | 3138 | 3.55E-11 |
| 2018 | 5.39E-12 | 2120 | 1.16E-11 | 2222 | 9.38E-12 | 2324 | 9.25E-12 | 2426 | 8.05E-12 | 2528 | 7.17E-12 | 2630 | 1.05E-11 | 2732 | 1.93E-11 | 2834 | 2.27E-11 | 2936 | 2.69E-11 | 3038 | 3.16E-11 | 3140 | 3.51E-11 |
| 2020 | 4.78E-12 | 2122 | 1.12E-11 | 2224 | 1.15E-11 | 2326 | 9.06E-12 | 2428 | 8.39E-12 | 2530 | 6.71E-12 | 2632 | 1.11E-11 | 2734 | 1.87E-11 | 2836 | 2.19E-11 | 2938 | 2.72E-11 | 3040 | 3.14E-11 | 3142 | 3.41E-11 |
| 2022 | 7.05E-12 | 2124 | 8.78E-12 | 2226 | 1.03E-11 | 2328 | 7.57E-12 | 2430 | 9.12E-12 | 2532 | 6.86E-12 | 2634 | 1.30E-11 | 2736 | 1.77E-11 | 2838 | 2.10E-11 | 2940 | 2.73E-11 | 3042 | 3.14E-11 | 3144 | 3.36E-11 |
| 2024 | 8.55E-12 | 2126 | 8.68E-12 | 2228 | 9.19E-12 | 2330 | 6.71E-12 | 2432 | 8.27E-12 | 2534 | 6.86E-12 | 2636 | 1.59E-11 | 2738 | 1.60E-11 | 2840 | 2.11E-11 | 2942 | 2.71E-11 | 3044 | 3.16E-11 | 3146 | 3.36E-11 |
| 2026 | 6.98E-12 | 2128 | 9.47E-12 | 2230 | 1.11E-11 | 2332 | 6.24E-12 | 2434 | 7.75E-12 | 2536 | 5.58E-12 | 2638 | 1.86E-11 | 2740 | 1.42E-11 | 2842 | 2.10E-11 | 2944 | 2.70E-11 | 3046 | 3.20E-11 | 3148 | 3.52E-11 |
| 2028 | 7.23E-12 | 2130 | 7.93E-12 | 2232 | 1.28E-11 | 2334 | 5.92E-12 | 2436 | 7.49E-12 | 2538 | 5.38E-12 | 2640 | 2.01E-11 | 2742 | 1.27E-11 | 2844 | 2.07E-11 | 2946 | 2.67E-11 | 3048 | 3.26E-11 | 3150 | 3.63E-11 |
| 2030 | 7.32E-12 | 2132 | 6.59E-12 | 2234 | 1.13E-11 | 2336 | 5.76E-12 | 2438 | 8.08E-12 | 2540 | 5.84E-12 | 2642 | 2.08E-11 | 2744 | 1.17E-11 | 2846 | 2.04E-11 | 2948 | 2.67E-11 | 3050 | 3.27E-11 | 3152 | 3.57E-11 |
| 2032 | 6.78E-12 | 2134 | 6.53E-12 | 2236 | 1.23E-11 | 2338 | 5.67E-12 | 2440 | 8.71E-12 | 2542 | 6.15E-12 | 2644 | | 2746 | 1.16E-11 | 2848 | | 2950 | 2.72E-11 | 3052 | 3.26E-11 | 3154 | 3.39E-11 |
| 2034 | 6.11E-12 | 2136 | 7.10E-12 | 2238 | 1.15E-11 | 2340 | 5.50E-12 | 2442 | 9.62E-12 | 2544 | 6.12E-12 | 2646 | | 2748 | 1.15E-11 | 2850 | | 2952 | 2.74E-11 | 3054 | | 3156 | 3.27E-11 |
| 2036 | 7.17E-12 | 2138 | 8.40E-12 | 2240 | 1.06E-11 | 2342 | 4.60E-12 | 2444 | 9.25E-12 | 2546 | 6.78E-12 | 2648 | 2.01E-11 | 2750 | 1.17E-11 | 2852 | | 2954 | 2.76E-11 | 3056 | | 3158 | 3.22E-11 |
| 2038 | 6.35E-12 | 2140 | 8.74E-12 | 2242 | 9.42E-12 | 2344 | 4.31E-12 | 2446 | 8.48E-12 | 2548 | 7.37E-12 | 2650 | 2.10E-11 | 2752 | 1.24E-11 | 2854 | | 2956 | 2.86E-11 | 3058 | | 3160 | 3.16E-11 |
| 2040 | 4.73E-12 | 2142 | 8.28E-12 | 2244 | 8.63E-12 | 2346 | 4.37E-12 | 2448 | 7.48E-12 | 2550 | 8.10E-12 | 2652 | 2.21E-11 | 2754 | 1.35E-11 | 2856 | 1.96E-11 | 2958 | 2.96E-11 | 3060 | | 3162 | 3.20E-11 |
| 2042 | 4.87E-12 | 2144 | 8.45E-12 | 2246 | 9.03E-12 | 2348 | 4.08E-12 | 2450 | 6.76E-12 | 2552 | 8.96E-12 | 2654 | 2.24E-11 | 2756 | 1.38E-11 | 2858 | 2.07E-11 | 2960 | 2.98E-11 | 3062 | 2.99E-11 | 3164 | 3.36E-11 |
| 2044 | 6.70E-12 | 2146 | 9.59E-12 | 2248 | 9.89E-12 | 2350 | 5.21E-12 | 2452 | 6.97E-12 | 2554 | 9.72E-12 | 2656 | 2.25E-11 | 2758 | 1.45E-11 | 2860 | 2.25E-11 | 2962 | 2.88E-11 | 3064 | 3.03E-11 | 3166 | 3.59E-11 |
| 2046 | 6.63E-12 | 2148 | 9.73E-12 | 2250 | 9.71E-12 | 2352 | 6.97E-12 | 2454 | 7.02E-12 | 2556 | 1.03E-11 | 2658 | 2.23E-11 | 2760 | 1.54E-11 | 2862 | 2.37E-11 | 2964 | 2.79E-11 | 3066 | 3.11E-11 | 3168 | 3.77E-11 |
| 2048 | 6.34E-12 | 2150 | 8.00E-12 | 2252 | 8.75E-12 | 2354 | 7.22E-12 | 2456 | 7.09E-12 | 2558 | 1.07E-11 | 2660 | 2.18E-11 | 2762 | 1.62E-11 | 2864 | 2.32E-11 | 2966 | 2.74E-11 | 3068 | 3.19E-11 | 3170 | 3.85E-11 |
| 2050 | 7.29E-12 | 2152 | 8.30E-12 | 2254 | 8.51E-12 | 2356 | 7.28E-12 | 2458 | 7.11E-12 | 2560 | 1.06E-11 | 2662 | 2.06E-11 | 2764 | 1.71E-11 | 2866 | 2.19E-11 | 2968 | 2.76E-11 | 3070 | 3.23E-11 | 3172 | 3.86E-11 |
| 2052 | 7.97E-12 | 2154 | 9.17E-12 | 2256 | 8.72E-12 | 2358 | 6.50E-12 | 2460 | 8.06E-12 | 2562 | 9.99E-12 | 2664 | 1.91E-11 | 2766 | 1.76E-11 | 2868 | 2.15E-11 | 2970 | 2.82E-11 | 3072 | 3.25E-11 | 3174 | 3.71E-11 |
| 2054 | 7.11E-12 | 2156 | 8.20E-12 | 2258 | 8.25E-12 | 2360 | 6.38E-12 | 2462 | 7.29E-12 | 2564 | 1.04E-11 | 2666 | 1.83E-11 | 2768 | 1.79E-11 | 2870 | 2.16E-11 | 2972 | 2.93E-11 | 3074 | 3.28E-11 | 3176 | 3.46E-11 |
| 2056 | 7.01E-12 | 2158 | 7.75E-12 | 2260 | 8.32E-12 | 2362 | 5.99E-12 | 2464 | 6.40E-12 | 2566 | 1.05E-11 | 2668 | 1.82E-11 | 2770 | 1.81E-11 | 2872 | 2.22E-11 | 2974 | 2.99E-11 | 3076 | 3.27E-11 | 3178 | 3.30E-11 |
| 2058 | 7.62E-12 | 2160 | 9.01E-12 | 2262 | 8.23E-12 | 2364 | 5.42E-12 | 2466 | 6.79E-12 | 2568 | 1.16E-11 | 2670 | 1.86E-11 | 2772 | 1.91E-11 | 2874 | 2.26E-11 | 2976 | 2.99E-11 | 3078 | 3.30E-11 | 3180 | 2.62E-11 |
| 2060 | 7.46E-12 | 2162 | 8.44E-12 | 2264 | 8.55E-12 | 2366 | 5.79E-12 | 2468 | 7.54E-12 | 2570 | 1.32E-11 | 2672 | 1.93E-11 | 2774 | 1.98E-11 | 2876 | 2.24E-11 | 2978 | 2.92E-11 | 3080 | 3.34E-11 | 3182 | 2.54E-11 |
| 2062 | 7.31E-12 | 2164 | 7.31E-12 | 2266 | 7.32E-12 | 2368 | 6.58E-12 | 2470 | 8.54E-12 | 2572 | 1.35E-11 | 2674 | 2.01E-11 | 2776 | 1.90E-11 | 2878 | 2.18E-11 | 2980 | 2.78E-11 | 3082 | 3.44E-11 | 3184 | 2.56E-11 |
| 2064 | 6.57E-12 | 2166 | 7.97E-12 | 2268 | 6.69E-12 | 2370 | 6.64E-12 | 2472 | 7.46E-12 | 2574 | 1.28E-11 | 2676 | 2.03E-11 | 2778 | 1.75E-11 | 2880 | 2.14E-11 | 2982 | 2.67E-11 | 3084 | 3.49E-11 | 3186 | 2.64E-11 |
| 2066 | 7.02E-12 | 2168 | 7.85E-12 | 2270 | 6.95E-12 | 2372 | 6.73E-12 | 2474 | 7.94E-12 | 2576 | 1.21E-11 | 2678 | 1.99E-11 | 2780 | 1.66E-11 | 2882 | 2.22E-11 | 2984 | 2.62E-11 | 3086 | 3.38E-11 | 3188 | 2.66E-11 |
| 2068 | 6.96E-12 | 2170 | 7.43E-12 | 2272 | 7.04E-12 | 2374 | 6.89E-12 | 2476 | 8.12E-12 | 2578 | 1.20E-11 | 2680 | 1.95E-11 | 2782 | 1.56E-11 | 2884 | 2.37E-11 | 2986 | 2.72E-11 | 3088 | 3.23E-11 | 3190 | 2.65E-11 |
| 2070 | 5.96E-12 | 2172 | 7.80E-12 | 2274 | 7.24E-12 | 2376 | 6.66E-12 | 2478 | 8.26E-12 | 2580 | 1.31E-11 | 2682 | 1.93E-11 | 2784 | 1.55E-11 | 2886 | 2.44E-11 | 2988 | 2.89E-11 | 3090 | 3.14E-11 | 3192 | 2.64E-11 |
| 2072 | 6.15E-12 | 2174 | 7.24E-12 | 2276 | 8.17E-12 | 2378 | 6.17E-12 | 2480 | 7.87E-12 | 2582 | 1.32E-11 | 2684 | 1.93E-11 | 2786 | 1.49E-11 | 2888 | 2.43E-11 | 2990 | 3.04E-11 | 3092 | 2.97E-11 | 3194 | 2.66E-11 |
| 2074 | 7.64E-12 | 2176 | 6.97E-12 | 2278 | 8.21E-12 | 2380 | 5.00E-12 | 2482 | 6.96E-12 | 2584 | 1.24E-11 | 2686 | 1.88E-11 | 2788 | 1.36E-11 | 2890 | 2.34E-11 | 2992 | 3.06E-11 | 3094 | 2.93E-11 | 3196 | 3.18E-11 |
| 2076 | 9.30E-12 | 2178 | 7.97E-12 | 2280 | 8.29E-12 | 2382 | 4.23E-12 | 2484 | 7.00E-12 | 2586 | 1.22E-11 | 2688 | 1.83E-11 | 2790 | 1.18E-11 | 2892 | 2.35E-11 | 2994 | 3.02E-11 | 3096 | 3.01E-11 | 3198 | 2.25E-11 |


HD 164259 F3 V V=4.62 (B-V)=0.38 E(B-V)=-0.03
LAP: LWP 12707, LWP 15556; SAP: LWP15556
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

HD 214470 F3 III-IV V=5.08 (B-V)=0.39 E(B-V)=0.00

LAP: LWP 12756

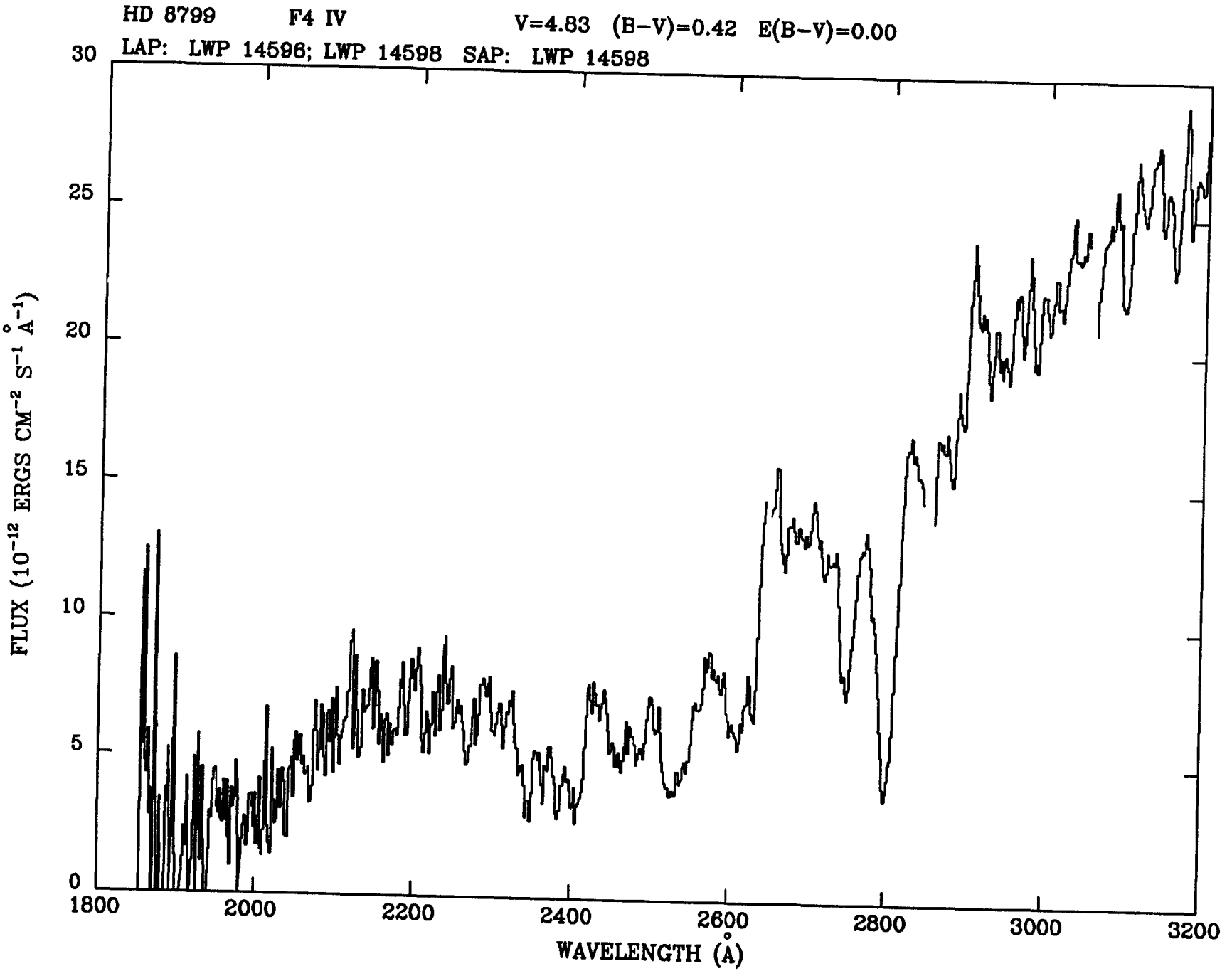
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.25E-12 | 2078 | 3.88E-12 | 2180 | 4.05E-12 | 2282 | 4.29E-12 | 2384 | 2.04E-12 | 2486 | 4.20E-12 | 2588 | 5.32E-12 | 2690 | 7.71E-12 | 2792 | 4.21E-12 | 2894 | 1.07E-11 | 2996 | 1.58E-11 | 3098 | 1.51E-11 |
| 1978 | 1.01E-12 | 2080 | 3.96E-12 | 2182 | 4.97E-12 | 2284 | 5.12E-12 | 2386 | 2.32E-12 | 2488 | 4.22E-12 | 2590 | 5.97E-12 | 2692 | 7.68E-12 | 2794 | 3.31E-12 | 2896 | 1.16E-11 | 2998 | 1.51E-11 | 3100 | 1.51E-11 |
| 1980 | 1.05E-13 | 2082 | 4.79E-12 | 2184 | 5.88E-12 | 2286 | 4.77E-12 | 2388 | 3.01E-12 | 2490 | 3.75E-12 | 2592 | 6.34E-12 | 2694 | 8.19E-12 | 2796 | 2.60E-12 | 2898 | 1.32E-11 | 3000 | 1.42E-11 | 3102 | 1.51E-11 |
| 1982 | 2.64E-12 | 2084 | 5.21E-12 | 2186 | 5.73E-12 | 2288 | 4.46E-12 | 2390 | 2.94E-12 | 2492 | 3.56E-12 | 2594 | 5.90E-12 | 2696 | 8.25E-12 | 2798 | 2.59E-12 | 2900 | 1.42E-11 | 3002 | 1.37E-11 | 3104 | 1.58E-11 |
| 1984 | 2.62E-12 | 2086 | 4.07E-12 | 2188 | 4.59E-12 | 2290 | 5.37E-12 | 2392 | 3.24E-12 | 2494 | 4.55E-12 | 2596 | 5.23E-12 | 2698 | 8.24E-12 | 2800 | 2.87E-12 | 2902 | 1.46E-11 | 3004 | 1.43E-11 | 3106 | 1.70E-11 |
| 1986 | 1.85E-12 | 2088 | 2.83E-12 | 2190 | 3.92E-12 | 2292 | 5.61E-12 | 2394 | 3.40E-12 | 2496 | 5.43E-12 | 2598 | 4.59E-12 | 2700 | 8.80E-12 | 2802 | 2.95E-12 | 2904 | 1.46E-11 | 3006 | 1.55E-11 | 3108 | 1.78E-11 |
| 1988 | 1.97E-12 | 2090 | 3.92E-12 | 2192 | 4.59E-12 | 2294 | 5.45E-12 | 2396 | 3.08E-12 | 2498 | 5.31E-12 | 2600 | 4.21E-12 | 2702 | 9.42E-12 | 2804 | 3.11E-12 | 2906 | 1.43E-11 | 3008 | 1.61E-11 | 3110 | 1.79E-11 |
| 1990 | 2.86E-12 | 2092 | 4.38E-12 | 2194 | 4.69E-12 | 2296 | 4.81E-12 | 2398 | 2.55E-12 | 2500 | 5.23E-12 | 2602 | 4.69E-12 | 2704 | 9.64E-12 | 2806 | 3.89E-12 | 2908 | 1.36E-11 | 3010 | 1.66E-11 | 3112 | 1.79E-11 |
| 1992 | 2.33E-12 | 2094 | 4.16E-12 | 2196 | 5.05E-12 | 2298 | 3.55E-12 | 2400 | 2.45E-12 | 2502 | 5.38E-12 | 2604 | 5.15E-12 | 2706 | 9.32E-12 | 2808 | 5.24E-12 | 2910 | 1.33E-11 | 3012 | 1.65E-11 | 3114 | 1.73E-11 |
| 1994 | 3.01E-12 | 2096 | 4.76E-12 | 2198 | 6.09E-12 | 2300 | 3.68E-12 | 2402 | 2.76E-12 | 2504 | 5.29E-12 | 2606 | 4.54E-12 | 2708 | 8.73E-12 | 2810 | 6.59E-12 | 2912 | 1.35E-11 | 3014 | 1.60E-11 | 3116 | 1.62E-11 |
| 1996 | 2.28E-12 | 2098 | 4.27E-12 | 2200 | 5.85E-12 | 2302 | 4.35E-12 | 2404 | 2.48E-12 | 2506 | 4.77E-12 | 2608 | 3.79E-12 | 2710 | 8.26E-12 | 2812 | 7.57E-12 | 2914 | 1.37E-11 | 3016 | 1.51E-11 | 3118 | 1.53E-11 |
| 1998 | 1.02E-12 | 2100 | 3.87E-12 | 2202 | 6.03E-12 | 2304 | 4.11E-12 | 2406 | 1.87E-12 | 2508 | 4.57E-12 | 2610 | 3.66E-12 | 2712 | 8.15E-12 | 2814 | 8.59E-12 | 2916 | 1.33E-11 | 3018 | 1.52E-11 | 3120 | 1.53E-11 |
| 2000 | 2.68E-12 | 2102 | 5.30E-12 | 2204 | 6.35E-12 | 2306 | 4.10E-12 | 2408 | 2.24E-12 | 2510 | 4.89E-12 | 2612 | 3.75E-12 | 2714 | 7.94E-12 | 2816 | 9.41E-12 | 2918 | 1.30E-11 | 3020 | 1.58E-11 | 3122 | 1.61E-11 |
| 2002 | 1.99E-12 | 2104 | 4.90E-12 | 2206 | 5.77E-12 | 2308 | 4.85E-12 | 2410 | 2.66E-12 | 2512 | 4.74E-12 | 2614 | 4.08E-12 | 2716 | 7.88E-12 | 2818 | 1.01E-11 | 2920 | 1.27E-11 | 3022 | 1.63E-11 | 3124 | 1.67E-11 |
| 2004 | 2.67E-12 | 2106 | 3.87E-12 | 2208 | 4.70E-12 | 2310 | 5.13E-12 | 2412 | 2.62E-12 | 2514 | 4.28E-12 | 2616 | 4.69E-12 | 2718 | 7.95E-12 | 2820 | 1.05E-11 | 2922 | 1.20E-11 | 3024 | 1.64E-11 | 3126 | 1.68E-11 |
| 2006 | 1.78E-12 | 2108 | 3.99E-12 | 2210 | 4.31E-12 | 2312 | 4.95E-12 | 2414 | 2.60E-12 | 2516 | 3.91E-12 | 2618 | 5.18E-12 | 2720 | 8.12E-12 | 2822 | 1.12E-11 | 2924 | 1.16E-11 | 3026 | 1.65E-11 | 3128 | 1.65E-11 |
| 2008 | 1.41E-12 | 2110 | 5.74E-12 | 2212 | 3.65E-12 | 2314 | 4.42E-12 | 2416 | 3.23E-12 | 2518 | 3.82E-12 | 2620 | 5.23E-12 | 2722 | 8.08E-12 | 2824 | 1.19E-11 | 2926 | 1.15E-11 | 3028 | 1.65E-11 | 3130 | 1.63E-11 |
| 2010 | 1.99E-12 | 2112 | 5.14E-12 | 2214 | 4.04E-12 | 2316 | 3.71E-12 | 2418 | 4.06E-12 | 2520 | 3.61E-12 | 2622 | 5.31E-12 | 2724 | 7.99E-12 | 2826 | 1.20E-11 | 2928 | 1.20E-11 | 3030 | 1.64E-11 | 3132 | 1.65E-11 |
| 2012 | 2.49E-12 | 2114 | 4.73E-12 | 2216 | 4.52E-12 | 2318 | 3.88E-12 | 2420 | 4.48E-12 | 2522 | 3.06E-12 | 2624 | 5.48E-12 | 2726 | 7.58E-12 | 2828 | 1.17E-11 | 2930 | 1.25E-11 | 3032 | 1.59E-11 | 3134 | 1.71E-11 |
| 2014 | 3.85E-12 | 2116 | 5.60E-12 | 2218 | 4.61E-12 | 2320 | 4.35E-12 | 2422 | 4.58E-12 | 2524 | 2.97E-12 | 2626 | 5.16E-12 | 2728 | 8.03E-12 | 2830 | 1.14E-11 | 2932 | 1.30E-11 | 3034 | 1.59E-11 | 3136 | 1.80E-11 |
| 2016 | 1.30E-12 | 2118 | 5.62E-12 | 2220 | 4.80E-12 | 2322 | 5.12E-12 | 2424 | 4.41E-12 | 2526 | 3.03E-12 | 2628 | 4.68E-12 | 2730 | 8.71E-12 | 2832 | 1.09E-11 | 2934 | 1.34E-11 | 3036 | 1.60E-11 | 3138 | 1.86E-11 |
| 2018 | 1.93E-12 | 2120 | 7.71E-12 | 2222 | 5.11E-12 | 2324 | 5.64E-12 | 2426 | 4.51E-12 | 2528 | 3.01E-12 | 2630 | 4.72E-12 | 2732 | 8.93E-12 | 2834 | 1.05E-11 | 2936 | 1.36E-11 | 3038 | 1.60E-11 | 3140 | 1.81E-11 |
| 2020 | 3.37E-12 | 2122 | 6.37E-12 | 2224 | 4.32E-12 | 2326 | 4.68E-12 | 2428 | 4.75E-12 | 2530 | 3.02E-12 | 2632 | 5.45E-12 | 2734 | 8.75E-12 | 2836 | 1.00E-11 | 2938 | 1.36E-11 | 3040 | 1.64E-11 | 3142 | 1.74E-11 |
| 2022 | 3.81E-12 | 2124 | 3.90E-12 | 2226 | 2.97E-12 | 2328 | 4.24E-12 | 2430 | 4.81E-12 | 2532 | 3.54E-12 | 2634 | 6.99E-12 | 2736 | 8.30E-12 | 2838 | 9.75E-12 | 2940 | 1.35E-11 | 3042 | 1.63E-11 | 3144 | 1.73E-11 |
| 2024 | 2.51E-12 | 2126 | | 2228 | 3.32E-12 | 2330 | 3.69E-12 | 2432 | 4.50E-12 | 2534 | 3.70E-12 | 2636 | 8.45E-12 | 2738 | 7.18E-12 | 2840 | 9.75E-12 | 2942 | 1.35E-11 | 3044 | 1.65E-11 | 3146 | 1.79E-11 |
| 2026 | 2.02E-12 | 2128 | 4.72E-12 | 2230 | 4.87E-12 | 2332 | 3.18E-12 | 2434 | 4.53E-12 | 2536 | 3.21E-12 | 2638 | 9.54E-12 | 2740 | 6.13E-12 | 2842 | 9.54E-12 | 2944 | 1.33E-11 | 3046 | 1.66E-11 | 3148 | 1.85E-11 |
| 2028 | 3.05E-12 | 2130 | 3.43E-12 | 2232 | 4.72E-12 | 2334 | 3.36E-12 | 2436 | 4.08E-12 | 2538 | 3.21E-12 | 2640 | 1.02E-11 | 2742 | 5.52E-12 | 2844 | 9.56E-12 | 2946 | 1.29E-11 | 3048 | 1.67E-11 | 3150 | 1.87E-11 |
| 2030 | 3.21E-12 | 2132 | 3.01E-12 | 2234 | 5.10E-12 | 2336 | 3.52E-12 | 2438 | 4.52E-12 | 2540 | 3.34E-12 | 2642 | 1.05E-11 | 2744 | 5.33E-12 | 2846 | 9.42E-12 | 2948 | 1.28E-11 | 3050 | 1.68E-11 | 3152 | 1.82E-11 |
| 2032 | 1.99E-12 | 2134 | 3.26E-12 | 2236 | 5.78E-12 | 2338 | 3.40E-12 | 2440 | 4.78E-12 | 2542 | 3.55E-12 | 2644 | 1.09E-11 | 2746 | 5.25E-12 | 2848 | | 2950 | 1.35E-11 | 3052 | | 3154 | 1.70E-11 |
| 2034 | 3.36E-12 | 2136 | 4.19E-12 | 2238 | 6.44E-12 | 2340 | 2.70E-12 | 2442 | 5.01E-12 | 2544 | 3.68E-12 | 2646 | | 2748 | 5.11E-12 | 2850 | | 2952 | 1.37E-11 | 3054 | | 3156 | 1.59E-11 |
| 2036 | 3.73E-12 | 2138 | 4.37E-12 | 2240 | 6.28E-12 | 2342 | 2.35E-12 | 2444 | 5.11E-12 | 2546 | 3.70E-12 | 2648 | 1.04E-11 | 2750 | 5.09E-12 | 2852 | | 2954 | 1.43E-11 | 3056 | | 3158 | 1.56E-11 |
| 2038 | 1.91E-12 | 2140 | 4.67E-12 | 2242 | 5.17E-12 | 2344 | 2.33E-12 | 2446 | 4.55E-12 | 2548 | 3.67E-12 | 2650 | 1.03E-11 | 2752 | 5.48E-12 | 2854 | | 2956 | 1.52E-11 | 3058 | | 3160 | 1.58E-11 |
| 2040 | 1.41E-12 | 2142 | 5.06E-12 | 2244 | 4.42E-12 | 2346 | 1.95E-12 | 2448 | 3.80E-12 | 2550 | 3.64E-12 | 2652 | 1.06E-11 | 2754 | 5.77E-12 | 2856 | 9.12E-12 | 2958 | 1.53E-11 | 3060 | | 3162 | 1.64E-11 |
| 2042 | 2.55E-12 | 2144 | 4.22E-12 | 2246 | 4.45E-12 | 2348 | 2.09E-12 | 2450 | 3.67E-12 | 2552 | 4.04E-12 | 2654 | 1.13E-11 | 2756 | 5.92E-12 | 2858 | 9.49E-12 | 2960 | 1.50E-11 | 3062 | 1.55E-11 | 3164 | 1.72E-11 |
| 2044 | 2.43E-12 | 2146 | 4.67E-12 | 2248 | 4.55E-12 | 2350 | 3.25E-12 | 2452 | 3.97E-12 | 2554 | 4.66E-12 | 2656 | 1.13E-11 | 2758 | 6.46E-12 | 2860 | 1.03E-11 | 2962 | 1.44E-11 | 3064 | 1.58E-11 | 3166 | 1.82E-11 |
| 2046 | 2.29E-12 | 2148 | 5.28E-12 | 2250 | 4.24E-12 | 2352 | 3.18E-12 | 2454 | 3.95E-12 | 2556 | 4.73E-12 | 2658 | 1.06E-11 | 2760 | 7.07E-12 | 2862 | 1.08E-11 | 2964 | 1.38E-11 | 3066 | 1.62E-11 | 3168 | 1.92E-11 |
| 2048 | 3.02E-12 | 2150 | 4.83E-12 | 2252 | 4.12E-12 | 2354 | 3.78E-12 | 2456 | 3.98E-12 | 2558 | 4.83E-12 | 2660 | 9.92E-12 | 2762 | 7.34E-12 | 2864 | 1.05E-11 | 2966 | 1.32E-11 | 3068 | 1.62E-11 | 3170 | 2.02E-11 |
| 2050 | 3.06E-12 | 2152 | 4.93E-12 | 2254 | 4.26E-12 | 2356 | 3.96E-12 | 2458 | 4.28E-12 | 2560 | 4.49E-12 | 2662 | 8.83E-12 | 2764 | 7.37E-12 | 2866 | 9.96E-12 | 2968 | 1.31E-11 | 3070 | 1.61E-11 | 3172 | 2.05E-11 |
| 2052 | 3.49E-12 | 2154 | 5.00E-12 | 2256 | 4.43E-12 | 2358 | 3.78E-12 | 2460 | 4.51E-12 | 2562 | 4.41E-12 | 2664 | 8.34E-12 | 2766 | 7.57E-12 | 2868 | 9.81E-12 | 2970 | 1.36E-11 | 3072 | 1.58E-11 | 3174 | 1.96E-11 |
| 2054 | 4.56E-12 | 2156 | 4.08E-12 | 2258 | 4.33E-12 | 2360 | 3.34E-12 | 2462 | 3.99E-12 | 2564 | 4.45E-12 | 2666 | 8.19E-12 | 2768 | 7.67E-12 | 2870 | 9.80E-12 | 2972 | 1.45E-11 | 3074 | 1.58E-11 | 3176 | 1.78E-11 |
| 2056 | 4.40E-12 | 2158 | 4.55E-12 | 2260 | 4.70E-12 | 2362 | 3.11E-12 | 2464 | 3.46E-12 | 2566 | 4.84E-12 | 2668 | 8.28E-12 | 2770 | 7.81E-12 | 2872 | 1.04E-11 | 2974 | 1.54E-11 | 3076 | 1.61E-11 | 3178 | 1.63E-11 |
| 2058 | 2.37E-12 | 2160 | 4.24E-12 | 2262 | 4.36E-12 | 2364 | 2.46E-12 | 2466 | 3.64E-12 | 2568 | 5.49E-12 | 2670 | 8.63E-12 | 2772 | 8.15E-12 | 2874 | 1.04E-11 | 2976 | 1.50E-11 | 3078 | 1.66E-11 | 3180 | 1.58E-11 |
| 2060 | 1.86E-12 | 2162 | 2.74E-12 | 2264 | 3.62E-12 | 2366 | 2.81E-12 | 2468 | 4.44E-12 | 2570 | 5.82E-12 | 2672 | 8.90E-12 | 2774 | 8.46E-12 | 2876 | 1.00E-11 | 2978 | 1.40E-11 | 3080 | 1.71E-11 | 3182 | 1.62E-11 |
| 2062 | 1.49E-12 | 2164 | 3.23E-12 | 2266 | 2.94E-12 | 2368 | 2.51E-12 | 2470 | 4.02E-12 | 2572 | 5.85E-12 | 2674 | 9.10E-12 | 2776 | 8.30E-12 | 2878 | 9.91E-12 | 2980 | 1.29E-11 | 3082 | 1.78E-11 | 3184 | 1.68E-11 |
| 2064 | 2.96E-12 | 2166 | 3.66E-12 | 2268 | 3.12E-12 | 2370 | 2.47E-12 | 2472 | 3.88E-12 | 2574 | 5.77E-12 | 2676 | 9.39E-12 | 2778 | 7.87E-12 | 2880 | 1.03E-11 | 2982 | 1.22E-11 | 3084 | 1.82E-11 | 3186 | 1.65E-11 |
| 2066 | 3.93E-12 | 2168 | 3.40E-12 | 2270 | 3.27E-12 | 2372 | 3.20E-12 | 2474 | 4.21E-12 | 2576 | 5.40E-12 | 2678 | 9.57E-12 | 2780 | 7.09E-12 | 2882 | 1.11E-11 | 2984 | 1.21E-11 | 3086 | 1.78E-11 | 3188 | 1.61E-11 |
| 2068 | 2.69E-12 | 2170 | 3.62E-12 | 2272 | 2.46E-12 | 2374 | 3.76E-12 | 2476 | 4.39E-12 | 2578 | 5.34E-12 | 2680 | 9.18E-12 | 2782 | 6.66E-12 | 2884 | 1.18E-11 | 2986 | 1.27E-11 | 3088 | 1.74E-11 | 3190 | 1.62E-11 |
| 2070 | 3.40E-12 | 2172 | 3.64E-12 | 2274 | 3.53E-12 | 2376 | 3.44E-12 | 2478 | 4.40E-12 | 2580 | 5.55E-12 | 2682 | 8.79E-12 | 2784 | 6.56E-12 | 2886 | 1.17E-11 | 2988 | 1.40E-11 | 3090 | 1.67E-11 | 3192 | 1.68E-11 |
| 2072 | 3.95E-12 | 2174 | 3.66E-12 | 2276 | 3.98E-12 | 2378 | 3.13E-12 | 2480 | 4.43E-12 | 2582 | 5.64E-12 | 2684 | 8.78E-12 | 2786 | 6.33E-12 | 2888 | 1.10E-11 | 2990 | 1.51E-11 | 3092 | 1.54E-11 | 3194 | 1.80E-11 |
| 2074 | 4.87E-12 | 2176 | 3.87E-12 | 2278 | 3.58E-12 | 2380 | 3.65E-12 | 2482 | 4.31E-12 | 2584 | 5.64E-12 | 2686 | 8.63E-12 | 2788 | 6.05E-12 | 2890 | 1.04E-11 | 2992 | 1.55E-11 | 3094 | 1.49E-11 | 3196 | 1.93E-11 |
| 2076 | 5.36E-12 | 2178 | 3.92E-12 | 2280 | 3.60E-12 | 2382 | 2.71E-12 | 2484 | 4.31E-12 | 2586 | 5.31E-12 | 2688 | 8.13E-12 | 2790 | 5.15E-12 | 2892 | 1.05E-11 | 2994 | 1.58E-11 | 3096 | 1.50E-11 | 3198 | 2.00E-11 |


HD 214470 F3 III-IV
V=5.08 (B-V)=0.39 E(B-V)=0.00
LAP: LWP 12756
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

HD 8799 F4 IV V=4.83 (B-V)=0.42 E(B-V)=0.00

LAP: LWP 14596; LWP 14598 SAP: LWP 14598

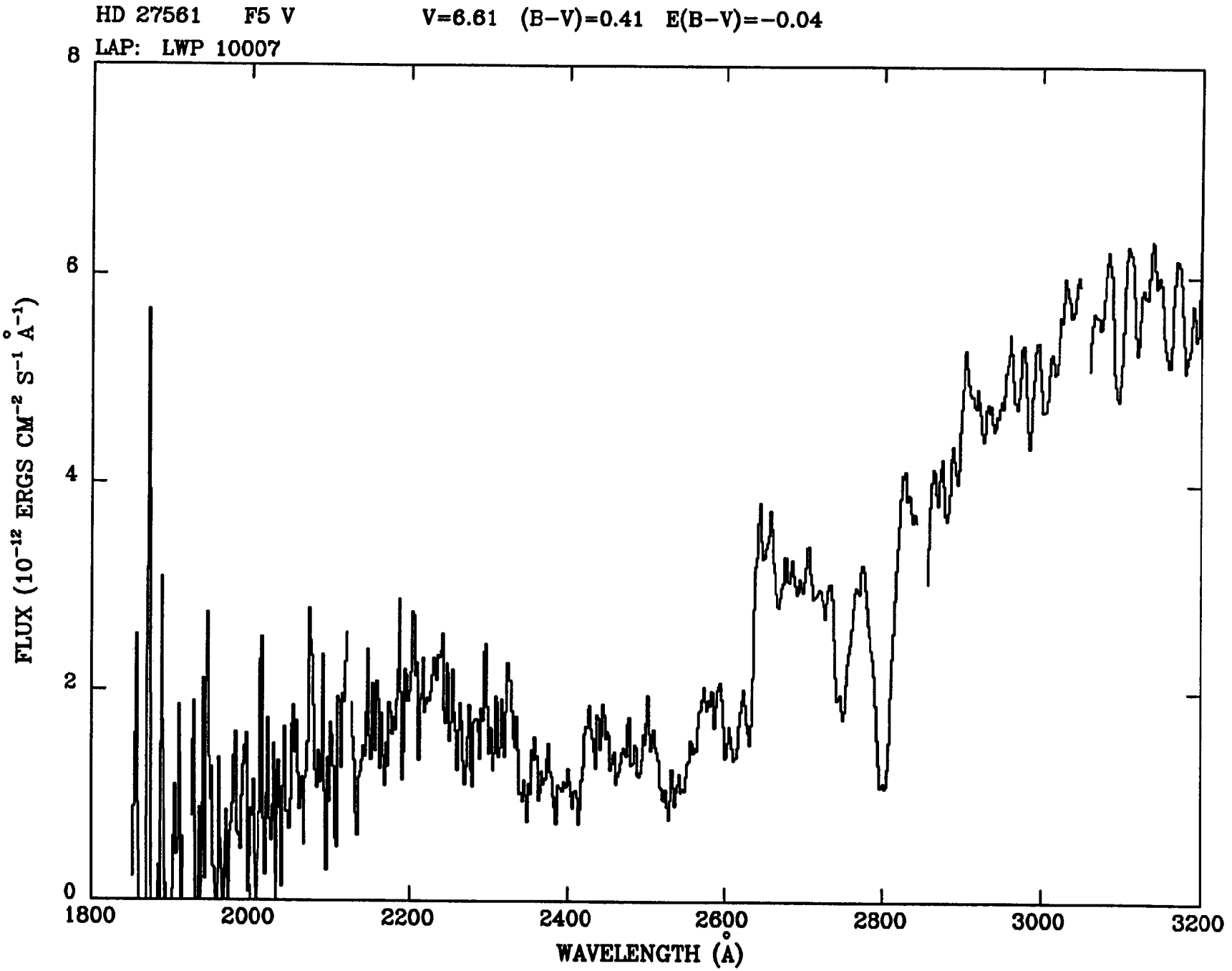
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.22E-12 | 2078 | 6.46E-12 | 2180 | 5.90E-12 | 2282 | 6.34E-12 | 2384 | 2.95E-12 | 2486 | 5.28E-12 | 2588 | 7.67E-12 | 2690 | 1.34E-11 | 2792 | 6.99E-12 | 2894 | 1.74E-11 | 2996 | 2.22E-11 | 3098 | 2.17E-11 |
| 1978 | 4.32E-12 | 2080 | 5.10E-12 | 2182 | 6.96E-12 | 2284 | 7.38E-12 | 2386 | 3.40E-12 | 2488 | 5.49E-12 | 2590 | 7.78E-12 | 2692 | 1.33E-11 | 2794 | 5.84E-12 | 2896 | 1.76E-11 | 2998 | 2.18E-11 | 3100 | 2.21E-11 |
| 1980 | 9.97E-13 | 2082 | 4.93E-12 | 2184 | 7.76E-12 | 2286 | 7.72E-12 | 2388 | 4.09E-12 | 2490 | 5.34E-12 | 2592 | 8.22E-12 | 2694 | 1.30E-11 | 2796 | 4.73E-12 | 2898 | 1.93E-11 | 3000 | 2.15E-11 | 3102 | 2.29E-11 |
| 1982 | 1.04E-12 | 2084 | 6.36E-12 | 2186 | 7.80E-12 | 2288 | 7.90E-12 | 2390 | 4.25E-12 | 2492 | 5.14E-12 | 2594 | 8.07E-12 | 2696 | 1.33E-11 | 2798 | 3.92E-12 | 2900 | 2.10E-11 | 3002 | 2.09E-11 | 3104 | 2.39E-11 |
| 1984 | 1.85E-12 | 2086 | 6.63E-12 | 2188 | 7.91E-12 | 2290 | 7.66E-12 | 2392 | 4.62E-12 | 2494 | 5.76E-12 | 2596 | 7.25E-12 | 2698 | 1.30E-11 | 2800 | 3.97E-12 | 2902 | 2.22E-11 | 3004 | 2.09E-11 | 3106 | 2.50E-11 |
| 1986 | 2.40E-12 | 2088 | 5.20E-12 | 2190 | 6.42E-12 | 2292 | 7.31E-12 | 2394 | 4.47E-12 | 2496 | 6.65E-12 | 2598 | 6.70E-12 | 2700 | 1.32E-11 | 2802 | 4.40E-12 | 2904 | 2.32E-11 | 3006 | 2.16E-11 | 3108 | 2.59E-11 |
| 1988 | 2.71E-12 | 2090 | 4.34E-12 | 2192 | 5.83E-12 | 2294 | 7.77E-12 | 2396 | 4.28E-12 | 2498 | 7.12E-12 | 2600 | 6.18E-12 | 2702 | 1.38E-11 | 2804 | 5.00E-12 | 2906 | 2.38E-11 | 3008 | 2.20E-11 | 3110 | 2.69E-11 |
| 1990 | 1.76E-12 | 2092 | 6.44E-12 | 2194 | 6.51E-12 | 2296 | 7.79E-12 | 2398 | 4.05E-12 | 2500 | 7.38E-12 | 2602 | 6.30E-12 | 2704 | 1.44E-11 | 2806 | 5.25E-12 | 2908 | 2.28E-11 | 3010 | 2.28E-11 | 3112 | 2.68E-11 |
| 1992 | 2.43E-12 | 2094 | 6.56E-12 | 2196 | 7.59E-12 | 2298 | 6.58E-12 | 2400 | 3.45E-12 | 2502 | 7.29E-12 | 2604 | 6.46E-12 | 2706 | 1.45E-11 | 2808 | 6.20E-12 | 2910 | 2.17E-11 | 3012 | 2.26E-11 | 3114 | 2.62E-11 |
| 1994 | 3.54E-12 | 2096 | 5.75E-12 | 2198 | 8.37E-12 | 2300 | 6.04E-12 | 2402 | 3.42E-12 | 2504 | 6.77E-12 | 2606 | 6.21E-12 | 2708 | 1.41E-11 | 2810 | 7.88E-12 | 2912 | 2.11E-11 | 3014 | 2.17E-11 | 3116 | 2.56E-11 |
| 1996 | 3.43E-12 | 2098 | 6.42E-12 | 2200 | 8.07E-12 | 2302 | 5.97E-12 | 2404 | 3.95E-12 | 2506 | 6.17E-12 | 2608 | 6.05E-12 | 2710 | 1.36E-11 | 2812 | 9.27E-12 | 2914 | 2.10E-11 | 3016 | 2.18E-11 | 3118 | 2.53E-11 |
| 1998 | 2.83E-12 | 2100 | 4.77E-12 | 2202 | 7.53E-12 | 2304 | 6.06E-12 | 2406 | 2.80E-12 | 2508 | 6.12E-12 | 2610 | 5.92E-12 | 2712 | 1.31E-11 | 2814 | 1.06E-11 | 2916 | 2.14E-11 | 3018 | 2.16E-11 | 3120 | 2.50E-11 |
| 2000 | 3.09E-12 | 2102 | 6.30E-12 | 2204 | 8.11E-12 | 2306 | 6.49E-12 | 2408 | 3.34E-12 | 2510 | 6.69E-12 | 2612 | 5.56E-12 | 2714 | 1.32E-11 | 2816 | 1.22E-11 | 2918 | 2.11E-11 | 3020 | 2.16E-11 | 3122 | 2.48E-11 |
| 2002 | 2.03E-12 | 2104 | 6.72E-12 | 2206 | 8.97E-12 | 2308 | 6.89E-12 | 2410 | 3.49E-12 | 2512 | 6.45E-12 | 2614 | 5.99E-12 | 2716 | 1.28E-11 | 2818 | 1.38E-11 | 2920 | 2.14E-11 | 3022 | 2.23E-11 | 3124 | 2.53E-11 |
| 2004 | 2.65E-12 | 2106 | 5.24E-12 | 2208 | 8.34E-12 | 2310 | 7.05E-12 | 2412 | 3.70E-12 | 2514 | 5.32E-12 | 2616 | 6.42E-12 | 2718 | 1.21E-11 | 2820 | 1.50E-11 | 2922 | 2.09E-11 | 3024 | 2.30E-11 | 3126 | 2.57E-11 |
| 2006 | 3.95E-12 | 2108 | 5.22E-12 | 2210 | 7.36E-12 | 2312 | 6.53E-12 | 2414 | 4.00E-12 | 2516 | 4.76E-12 | 2618 | 6.50E-12 | 2720 | 1.18E-11 | 2822 | 1.60E-11 | 2924 | 1.98E-11 | 3026 | 2.35E-11 | 3128 | 2.65E-11 |
| 2008 | 1.54E-12 | 2110 | 5.81E-12 | 2212 | 5.55E-12 | 2314 | 5.63E-12 | 2416 | 4.75E-12 | 2518 | 4.32E-12 | 2620 | 7.10E-12 | 2722 | 1.21E-11 | 2824 | 1.65E-11 | 2926 | 1.90E-11 | 3028 | 2.38E-11 | 3130 | 2.70E-11 |
| 2010 | 1.50E-12 | 2112 | 6.18E-12 | 2214 | 5.37E-12 | 2316 | 6.06E-12 | 2418 | 5.96E-12 | 2520 | 4.10E-12 | 2622 | 7.19E-12 | 2724 | 1.27E-11 | 2826 | 1.65E-11 | 2928 | 1.87E-11 | 3030 | 2.46E-11 | 3132 | 2.71E-11 |
| 2012 | 2.89E-12 | 2114 | 6.38E-12 | 2216 | 6.18E-12 | 2318 | 6.66E-12 | 2420 | 7.12E-12 | 2522 | 4.09E-12 | 2624 | 7.77E-12 | 2726 | 1.23E-11 | 2828 | 1.68E-11 | 2930 | 1.95E-11 | 3032 | 2.50E-11 | 3134 | 2.72E-11 |
| 2014 | 5.36E-12 | 2116 | 7.15E-12 | 2218 | 6.58E-12 | 2320 | 6.67E-12 | 2422 | 7.75E-12 | 2524 | 3.78E-12 | 2626 | 8.04E-12 | 2728 | 1.23E-11 | 2830 | 1.69E-11 | 2932 | 2.03E-11 | 3034 | 2.38E-11 | 3136 | 2.74E-11 |
| 2016 | 5.25E-12 | 2118 | 7.38E-12 | 2220 | 5.84E-12 | 2322 | 7.15E-12 | 2424 | 7.46E-12 | 2526 | 3.82E-12 | 2628 | 7.18E-12 | 2730 | 1.24E-11 | 2832 | 1.62E-11 | 2934 | 2.09E-11 | 3036 | 2.35E-11 | 3138 | 2.76E-11 |
| 2018 | 2.14E-12 | 2120 | 9.12E-12 | 2222 | 5.75E-12 | 2324 | 7.06E-12 | 2426 | 6.93E-12 | 2528 | 3.94E-12 | 2630 | 6.70E-12 | 2732 | 1.24E-11 | 2834 | 1.63E-11 | 2936 | 2.05E-11 | 3038 | 2.35E-11 | 3140 | 2.66E-11 |
| 2020 | 1.62E-12 | 2122 | 9.39E-12 | 2224 | 6.93E-12 | 2326 | 7.27E-12 | 2428 | 7.56E-12 | 2530 | 3.80E-12 | 2632 | 6.57E-12 | 2734 | 1.25E-11 | 2836 | 1.61E-11 | 2938 | 1.97E-11 | 3040 | 2.34E-11 | 3142 | 2.52E-11 |
| 2022 | 3.53E-12 | 2124 | 5.36E-12 | 2226 | 6.74E-12 | 2328 | 6.14E-12 | 2430 | 7.61E-12 | 2532 | 4.12E-12 | 2634 | 7.62E-12 | 2736 | 1.26E-11 | 2838 | 1.55E-11 | 2940 | 1.97E-11 | 3042 | 2.35E-11 | 3144 | 2.45E-11 |
| 2024 | 4.11E-12 | 2126 | 6.31E-12 | 2228 | 5.96E-12 | 2330 | 5.55E-12 | 2432 | 7.12E-12 | 2534 | 4.67E-12 | 2636 | 9.64E-12 | 2738 | 1.15E-11 | 2840 | 1.55E-11 | 2942 | 1.94E-11 | 3044 | 2.37E-11 | 3146 | 2.48E-11 |
| 2026 | 2.82E-12 | 2128 | 8.21E-12 | 2230 | 7.11E-12 | 2332 | 5.04E-12 | 2434 | 7.07E-12 | 2536 | 4.44E-12 | 2638 | 1.17E-11 | 2740 | 1.00E-11 | 2842 | 1.54E-11 | 2944 | 1.97E-11 | 3046 | 2.38E-11 | 3148 | 2.57E-11 |
| 2028 | 2.64E-12 | 2130 | 6.11E-12 | 2232 | 7.93E-12 | 2334 | 4.59E-12 | 2436 | 6.58E-12 | 2538 | 4.28E-12 | 2640 | 1.32E-11 | 2742 | 8.81E-12 | 2844 | 1.51E-11 | 2946 | 2.00E-11 | 3048 | 2.44E-11 | 3150 | 2.60E-11 |
| 2030 | 4.11E-12 | 2132 | 5.00E-12 | 2234 | 6.12E-12 | 2336 | 4.66E-12 | 2438 | 6.97E-12 | 2540 | 4.38E-12 | 2642 | 1.40E-11 | 2744 | 8.21E-12 | 2846 | 1.46E-11 | 2948 | 1.97E-11 | 3050 | 2.44E-11 | 3152 | 2.58E-11 |
| 2032 | 4.43E-12 | 2134 | 5.17E-12 | 2236 | 6.88E-12 | 2338 | 4.72E-12 | 2440 | 7.21E-12 | 2542 | 4.72E-12 | 2644 | 1.46E-11 | 2746 | 8.26E-12 | 2848 | | 2950 | 1.95E-11 | 3052 | 2.41E-11 | 3154 | 2.52E-11 |
| 2034 | 3.13E-12 | 2136 | 6.50E-12 | 2238 | 9.18E-12 | 2340 | 4.33E-12 | 2442 | 7.53E-12 | 2544 | 4.99E-12 | 2646 | | 2748 | 7.77E-12 | 2850 | | 2952 | 1.90E-11 | 3054 | | 3156 | 2.40E-11 |
| 2036 | 4.49E-12 | 2138 | 6.97E-12 | 2240 | 9.12E-12 | 2342 | 3.27E-12 | 2444 | 7.14E-12 | 2546 | 4.71E-12 | 2648 | | 2750 | 7.43E-12 | 2852 | | 2954 | 2.00E-11 | 3056 | | 3158 | 2.32E-11 |
| 2038 | 3.76E-12 | 2140 | 6.73E-12 | 2242 | 7.56E-12 | 2344 | 3.37E-12 | 2446 | 6.55E-12 | 2548 | 5.04E-12 | 2650 | 1.41E-11 | 2752 | 7.83E-12 | 2854 | | 2956 | 2.10E-11 | 3058 | | 3160 | 2.30E-11 |
| 2040 | 2.08E-12 | 2142 | 6.84E-12 | 2244 | 7.00E-12 | 2346 | 3.52E-12 | 2448 | 5.77E-12 | 2550 | 5.11E-12 | 2652 | 1.42E-11 | 2754 | 8.68E-12 | 2856 | | 2958 | 2.16E-11 | 3060 | | 3162 | 2.36E-11 |
| 2042 | 2.66E-12 | 2144 | 7.33E-12 | 2246 | 7.38E-12 | 2348 | 2.86E-12 | 2450 | 5.37E-12 | 2552 | 5.78E-12 | 2654 | 1.44E-11 | 2756 | 9.39E-12 | 2858 | 1.39E-11 | 2960 | 2.20E-11 | 3062 | 2.08E-11 | 3164 | 2.48E-11 |
| 2044 | 4.52E-12 | 2146 | 8.13E-12 | 2248 | 8.12E-12 | 2350 | 3.81E-12 | 2452 | 5.58E-12 | 2554 | 6.70E-12 | 2656 | 1.48E-11 | 2758 | 9.93E-12 | 2860 | 1.53E-11 | 2962 | 2.20E-11 | 3064 | 2.20E-11 | 3166 | 2.59E-11 |
| 2046 | 4.70E-12 | 2148 | 8.60E-12 | 2250 | 7.23E-12 | 2352 | 5.09E-12 | 2454 | 5.61E-12 | 2556 | 7.15E-12 | 2658 | 1.56E-11 | 2760 | 1.07E-11 | 2862 | 1.67E-11 | 2964 | 2.22E-11 | 3066 | 2.26E-11 | 3168 | 2.68E-11 |
| 2048 | 4.26E-12 | 2150 | 6.07E-12 | 2252 | 6.21E-12 | 2354 | 5.32E-12 | 2456 | 5.05E-12 | 2558 | 7.14E-12 | 2660 | 1.58E-11 | 2762 | 1.15E-11 | 2864 | 1.69E-11 | 2966 | 2.14E-11 | 3068 | 2.35E-11 | 3170 | 2.81E-11 |
| 2050 | 4.62E-12 | 2152 | 7.09E-12 | 2254 | 6.66E-12 | 2356 | 5.21E-12 | 2458 | 5.15E-12 | 2560 | 6.96E-12 | 2662 | 1.43E-11 | 2764 | 1.23E-11 | 2866 | 1.66E-11 | 2968 | 2.03E-11 | 3070 | 2.40E-11 | 3172 | 2.90E-11 |
| 2052 | 5.73E-12 | 2154 | 8.28E-12 | 2256 | 7.05E-12 | 2358 | 5.09E-12 | 2460 | 5.34E-12 | 2562 | 6.98E-12 | 2664 | 1.32E-11 | 2766 | 1.27E-11 | 2868 | 1.68E-11 | 2970 | 2.03E-11 | 3072 | 2.41E-11 | 3174 | 2.86E-11 |
| 2054 | 5.17E-12 | 2156 | 6.92E-12 | 2258 | 6.76E-12 | 2360 | 5.05E-12 | 2462 | 4.87E-12 | 2564 | 7.10E-12 | 2666 | 1.27E-11 | 2768 | 1.28E-11 | 2870 | 1.65E-11 | 2972 | 2.11E-11 | 3074 | 2.43E-11 | 3176 | 2.66E-11 |
| 2056 | 4.98E-12 | 2158 | 5.80E-12 | 2260 | 6.88E-12 | 2362 | 4.39E-12 | 2464 | 4.66E-12 | 2566 | 7.51E-12 | 2668 | 1.23E-11 | 2770 | 1.28E-11 | 2872 | 1.66E-11 | 2974 | 2.22E-11 | 3076 | 2.45E-11 | 3178 | 2.49E-11 |
| 2058 | 5.61E-12 | 2160 | 6.35E-12 | 2262 | 6.38E-12 | 2364 | 3.75E-12 | 2466 | 5.10E-12 | 2568 | 8.43E-12 | 2670 | 1.22E-11 | 2772 | 1.31E-11 | 2874 | 1.70E-11 | 2976 | 2.35E-11 | 3078 | 2.46E-11 | 3180 | 2.45E-11 |
| 2060 | 4.83E-12 | 2162 | 5.46E-12 | 2264 | 6.02E-12 | 2366 | 4.18E-12 | 2468 | 5.71E-12 | 2570 | 8.55E-12 | 2672 | 1.29E-11 | 2774 | 1.35E-11 | 2876 | 1.65E-11 | 2978 | 2.30E-11 | 3080 | 2.45E-11 | 3182 | 2.51E-11 |
| 2062 | 4.94E-12 | 2164 | 5.59E-12 | 2266 | 5.22E-12 | 2368 | 4.72E-12 | 2470 | 6.19E-12 | 2572 | 8.47E-12 | 2674 | 1.37E-11 | 2776 | 1.31E-11 | 2878 | 1.59E-11 | 2980 | 2.18E-11 | 3082 | 2.53E-11 | 3184 | 2.60E-11 |
| 2064 | 4.33E-12 | 2166 | 6.49E-12 | 2268 | 4.80E-12 | 2370 | 4.64E-12 | 2472 | 5.60E-12 | 2574 | 8.96E-12 | 2676 | 1.37E-11 | 2778 | 1.23E-11 | 2880 | 1.54E-11 | 2982 | 2.03E-11 | 3084 | 2.59E-11 | 3186 | 2.64E-11 |
| 2066 | 4.43E-12 | 2168 | 5.59E-12 | 2270 | 5.05E-12 | 2372 | 5.26E-12 | 2474 | 6.26E-12 | 2576 | 8.99E-12 | 2678 | 1.38E-11 | 2780 | 1.12E-11 | 2882 | 1.55E-11 | 2984 | 1.96E-11 | 3086 | 2.53E-11 | 3188 | 2.65E-11 |
| 2068 | 4.32E-12 | 2170 | 5.88E-12 | 2272 | 5.48E-12 | 2374 | 5.51E-12 | 2476 | 6.09E-12 | 2578 | 8.18E-12 | 2680 | 1.38E-11 | 2782 | 1.04E-11 | 2884 | 1.65E-11 | 2986 | 1.97E-11 | 3088 | 2.48E-11 | 3190 | 2.64E-11 |
| 2070 | 3.30E-12 | 2172 | 5.81E-12 | 2274 | 5.84E-12 | 2376 | 5.14E-12 | 2478 | 5.93E-12 | 2580 | 8.43E-12 | 2682 | 1.33E-11 | 2784 | 1.04E-11 | 2886 | 1.76E-11 | 2988 | 1.98E-11 | 3090 | 2.49E-11 | 3192 | 2.62E-11 |
| 2072 | 3.47E-12 | 2174 | 5.49E-12 | 2276 | 6.83E-12 | 2378 | 4.45E-12 | 2480 | 5.77E-12 | 2582 | 8.06E-12 | 2684 | 1.31E-11 | 2786 | 9.72E-12 | 2888 | 1.85E-11 | 2990 | 2.09E-11 | 3092 | 2.33E-11 | 3194 | 2.60E-11 |
| 2074 | 4.60E-12 | 2176 | 5.93E-12 | 2278 | 6.37E-12 | 2380 | 4.05E-12 | 2482 | 5.20E-12 | 2584 | 8.04E-12 | 2686 | 1.35E-11 | 2788 | 8.93E-12 | 2890 | 1.81E-11 | 2992 | 2.19E-11 | 3094 | 2.20E-11 | 3196 | 2.65E-11 |
| 2076 | 6.40E-12 | 2178 | 6.04E-12 | 2280 | 5.71E-12 | 2382 | 3.06E-12 | 2484 | 5.04E-12 | 2586 | 8.11E-12 | 2688 | 1.37E-11 | 2790 | 8.11E-12 | 2892 | 1.76E-11 | 2994 | 2.22E-11 | 3096 | 2.18E-11 | 3198 | 2.75E-11 |


HD 8799 F4 IV V=4.83 (B−V)=0.42 E(B−V)=0.00
LAP: LWP 14596; LWP 14598 SAP: LWP 14598
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 27561 F5 V V=6.61 (B-V)=0.41 E(B-V)=-0.04**

**LAP: LWP 10007**

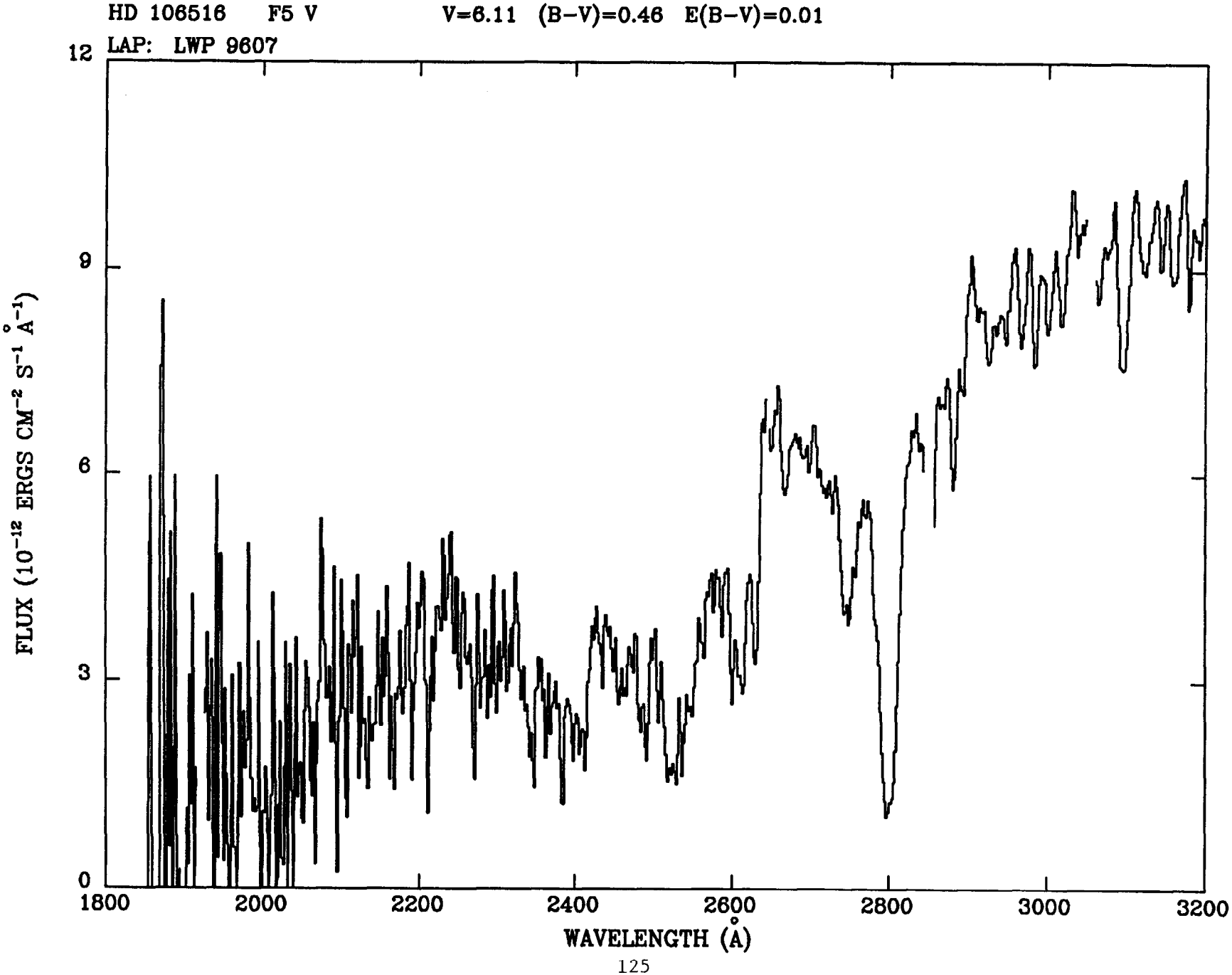
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 7.05E-13 | 2078 | 2.41E-12 | 2180 | 1.74E-12 | 2282 | 1.72E-12 | 2384 | 8.74E-13 | 2486 | 1.44E-12 | 2588 | 1.72E-12 | 2690 | 3.05E-12 | 2792 | 1.75E-12 | 2894 | 4.03E-12 | 2996 | 5.37E-12 | 3098 | 4.82E-12 |
| 1978 | 8.57E-13 | 2080 | 2.08E-12 | 2182 | 1.67E-12 | 2284 | 1.73E-12 | 2386 | 8.33E-13 | 2488 | 1.47E-12 | 2590 | 1.92E-12 | 2692 | 2.96E-12 | 2794 | 1.44E-12 | 2896 | 4.16E-12 | 2998 | 5.23E-12 | 3100 | 5.00E-12 |
| 1980 | 1.24E-12 | 2082 | 1.46E-12 | 2184 | 1.98E-12 | 2286 | 1.65E-12 | 2388 | 1.10E-12 | 2490 | 1.24E-12 | 2592 | 2.03E-12 | 2694 | 2.97E-12 | 2796 | 1.19E-12 | 2898 | 4.53E-12 | 3000 | 4.99E-12 | 3102 | 5.25E-12 |
| 1982 | 1.55E-12 | 2084 | 1.13E-12 | 2186 | 2.38E-12 | 2288 | 1.41E-12 | 2390 | 1.08E-12 | 2492 | 1.19E-12 | 2594 | 2.07E-12 | 2696 | 3.09E-12 | 2798 | 1.10E-12 | 2900 | 4.76E-12 | 3002 | 4.77E-12 | 3104 | 5.61E-12 |
| 1984 | 7.91E-13 | 2086 | 1.34E-12 | 2188 | 2.57E-12 | 2290 | 1.76E-12 | 2392 | 1.07E-12 | 2494 | 1.23E-12 | 2596 | 2.00E-12 | 2698 | 3.01E-12 | 2800 | 1.12E-12 | 2902 | 5.01E-12 | 3004 | 4.70E-12 | 3106 | 6.01E-12 |
| 1986 | 6.20E-13 | 2088 | 1.19E-12 | 2190 | 1.65E-12 | 2292 | 1.72E-12 | 2394 | 1.09E-12 | 2496 | 1.38E-12 | 2598 | 1.77E-12 | 2700 | 2.99E-12 | 2802 | 1.10E-12 | 2904 | 5.28E-12 | 3006 | 4.71E-12 | 3108 | 6.22E-12 |
| 1988 | 5.23E-13 | 2090 | 1.34E-12 | 2192 | 1.27E-12 | 2294 | 2.39E-12 | 2396 | 1.11E-12 | 2498 | 1.58E-12 | 2600 | 1.47E-12 | 2702 | 3.10E-12 | 2804 | 1.10E-12 | 2906 | 5.24E-12 | 3008 | 4.81E-12 | 3110 | 6.27E-12 |
| 1990 | 1.02E-12 | 2092 | 2.30E-12 | 2194 | 1.86E-12 | 2296 | 2.40E-12 | 2398 | 1.09E-12 | 2500 | 1.55E-12 | 2602 | 1.38E-12 | 2704 | 3.27E-12 | 2806 | 1.24E-12 | 2908 | 5.06E-12 | 3010 | 5.06E-12 | 3112 | 6.23E-12 |
| 1992 | 1.32E-12 | 2094 | 1.01E-12 | 2196 | 2.18E-12 | 2298 | 1.78E-12 | 2400 | 1.21E-12 | 2502 | 1.78E-12 | 2604 | 1.49E-12 | 2706 | 3.40E-12 | 2808 | 1.50E-12 | 2910 | 4.92E-12 | 3012 | 5.24E-12 | 3114 | 6.16E-12 |
| 1994 | 1.50E-12 | 2096 | 4.54E-13 | 2198 | 2.00E-12 | 2300 | 1.47E-12 | 2402 | 1.17E-12 | 2504 | 1.84E-12 | 2606 | 1.64E-12 | 2708 | 3.29E-12 | 2810 | 1.95E-12 | 2912 | 4.86E-12 | 3014 | 5.25E-12 | 3116 | 5.93E-12 |
| 1996 | 1.13E-12 | 2098 | 1.28E-12 | 2200 | 1.98E-12 | 2302 | 1.64E-12 | 2404 | 1.02E-12 | 2506 | 1.53E-12 | 2608 | 1.59E-12 | 2710 | 3.09E-12 | 2812 | 2.35E-12 | 2914 | 4.85E-12 | 3016 | 5.15E-12 | 3118 | 5.53E-12 |
| 1998 | 1.98E-13 | 2100 | 1.13E-12 | 2202 | 2.15E-12 | 2304 | 1.50E-12 | 2406 | 9.02E-13 | 2508 | 1.48E-12 | 2610 | 1.46E-12 | 2712 | 2.96E-12 | 2814 | 2.62E-12 | 2916 | 4.79E-12 | 3018 | 5.07E-12 | 3120 | 5.29E-12 |
| 2000 | 6.94E-13 | 2102 | 1.65E-12 | 2204 | 2.68E-12 | 2306 | 1.32E-12 | 2408 | 1.04E-12 | 2510 | 1.59E-12 | 2612 | 1.35E-12 | 2714 | 2.91E-12 | 2816 | 2.96E-12 | 2918 | 4.74E-12 | 3020 | 5.12E-12 | 3122 | 5.34E-12 |
| 2002 | 8.19E-13 | 2104 | 1.46E-12 | 2206 | 2.73E-12 | 2308 | 1.68E-12 | 2410 | 1.05E-12 | 2512 | 1.54E-12 | 2614 | 1.37E-12 | 2716 | 2.93E-12 | 2818 | 3.24E-12 | 2920 | 4.89E-12 | 3022 | 5.28E-12 | 3124 | 5.58E-12 |
| 2004 | 1.11E-12 | 2106 | 9.67E-13 | 2208 | 2.16E-12 | 2310 | 1.92E-12 | 2412 | 9.52E-13 | 2514 | 1.44E-12 | 2616 | 1.40E-12 | 2718 | 2.95E-12 | 2820 | 3.46E-12 | 2922 | 4.81E-12 | 3024 | 5.52E-12 | 3126 | 5.83E-12 |
| 2006 | 4.81E-13 | 2108 | 5.50E-13 | 2210 | 2.18E-12 | 2312 | 1.56E-12 | 2414 | 7.72E-13 | 2516 | 1.37E-12 | 2618 | 1.54E-12 | 2720 | 2.99E-12 | 2822 | 3.72E-12 | 2924 | 4.68E-12 | 3026 | 5.59E-12 | 3128 | 5.87E-12 |
| 2008 | -2.64E-13 | 2110 | 1.37E-12 | 2212 | 1.44E-12 | 2314 | 1.43E-12 | 2416 | 9.59E-13 | 2518 | 1.15E-12 | 2620 | 1.73E-12 | 2722 | 2.98E-12 | 2824 | 3.98E-12 | 2926 | 4.49E-12 | 3028 | 5.69E-12 | 3130 | 5.81E-12 |
| 2010 | 5.34E-13 | 2112 | 1.92E-12 | 2214 | 1.94E-12 | 2316 | 1.80E-12 | 2418 | 1.20E-12 | 2520 | 1.08E-12 | 2622 | 1.86E-12 | 2724 | 2.90E-12 | 2826 | 4.08E-12 | 2928 | 4.43E-12 | 3030 | 5.91E-12 | 3132 | 5.81E-12 |
| 2012 | 1.12E-12 | 2114 | 1.43E-12 | 2216 | 2.08E-12 | 2318 | 1.79E-12 | 2420 | 1.42E-12 | 2522 | 9.81E-13 | 2624 | 1.98E-12 | 2726 | 2.82E-12 | 2828 | 4.11E-12 | 2930 | 4.56E-12 | 3032 | 5.92E-12 | 3134 | 5.87E-12 |
| 2014 | 2.35E-12 | 2116 | 1.83E-12 | 2218 | 2.14E-12 | 2320 | 1.42E-12 | 2422 | 1.63E-12 | 2524 | 9.65E-13 | 2626 | 1.94E-12 | 2728 | 2.74E-12 | 2830 | 3.93E-12 | 2932 | 4.74E-12 | 3034 | 5.83E-12 | 3136 | 6.10E-12 |
| 2016 | 1.91E-12 | 2118 | 1.91E-12 | 2220 | 1.83E-12 | 2322 | 1.80E-12 | 2424 | 1.66E-12 | 2526 | 1.04E-12 | 2628 | 1.76E-12 | 2730 | 2.90E-12 | 2832 | 3.89E-12 | 2934 | 4.75E-12 | 3036 | 5.77E-12 | 3138 | 6.29E-12 |
| 2018 | 5.64E-13 | 2120 | 2.26E-12 | 2222 | 1.91E-12 | 2324 | 2.26E-12 | 2426 | 1.76E-12 | 2528 | 8.79E-13 | 2630 | 1.63E-12 | 2732 | 3.01E-12 | 2834 | 3.89E-12 | 2936 | 4.72E-12 | 3038 | 5.62E-12 | 3140 | 6.33E-12 |
| 2020 | 5.92E-13 | 2122 | 2.56E-12 | 2224 | 1.92E-12 | 2326 | 2.11E-12 | 2428 | 1.86E-12 | 2530 | 8.30E-13 | 2632 | 1.52E-12 | 2734 | 3.04E-12 | 2836 | 3.75E-12 | 2938 | 4.68E-12 | 3040 | 5.63E-12 | 3142 | 6.18E-12 |
| 2022 | 1.41E-12 | 2124 | | 2226 | 1.96E-12 | 2328 | 2.03E-12 | 2430 | 1.70E-12 | 2532 | 1.07E-12 | 2634 | 1.66E-12 | 2736 | 2.98E-12 | 2838 | 3.65E-12 | 2940 | 4.55E-12 | 3042 | 5.69E-12 | 3144 | 5.96E-12 |
| 2024 | 1.16E-12 | 2126 | | 2228 | 2.11E-12 | 2330 | 1.73E-12 | 2432 | 1.57E-12 | 2534 | 1.19E-12 | 2636 | 2.09E-12 | 2738 | 2.71E-12 | 2840 | 3.72E-12 | 2942 | 4.54E-12 | 3044 | 5.84E-12 | 3146 | 5.92E-12 |
| 2026 | 6.44E-13 | 2128 | 1.80E-12 | 2230 | 2.28E-12 | 2332 | 1.52E-12 | 2434 | 1.44E-12 | 2536 | 1.01E-12 | 2638 | 2.79E-12 | 2740 | 2.31E-12 | 2842 | 3.69E-12 | 2944 | 4.62E-12 | 3046 | 5.96E-12 | 3148 | 5.99E-12 |
| 2028 | 8.24E-13 | 2130 | 1.49E-12 | 2232 | 2.25E-12 | 2334 | 1.60E-12 | 2436 | 1.28E-12 | 2538 | 9.86E-13 | 2640 | 3.22E-12 | 2742 | 2.00E-12 | 2844 | 3.64E-12 | 2946 | 4.65E-12 | 3048 | 5.97E-12 | 3150 | 5.94E-12 |
| 2030 | 1.37E-12 | 2132 | 1.16E-12 | 2234 | 2.12E-12 | 2336 | 1.60E-12 | 2438 | 1.77E-12 | 2540 | 1.09E-12 | 2642 | 3.35E-12 | 2744 | 1.94E-12 | 2846 | | 2948 | 4.72E-12 | 3050 | 5.92E-12 | 3152 | 5.76E-12 |
| 2032 | 9.21E-14 | 2134 | 7.42E-13 | 2236 | 2.34E-12 | 2338 | 1.21E-12 | 2440 | 1.71E-12 | 2542 | 1.18E-12 | 2644 | 3.68E-12 | 2746 | 1.97E-12 | 2848 | | 2950 | 4.79E-12 | 3052 | | 3154 | 5.43E-12 |
| 2034 | 9.08E-13 | 2136 | 9.03E-13 | 2238 | 2.33E-12 | 2340 | 1.03E-12 | 2442 | 1.48E-12 | 2544 | 1.08E-12 | 2646 | 3.71E-12 | 2748 | 1.85E-12 | 2850 | | 2952 | 4.74E-12 | 3054 | | 3156 | 5.30E-12 |
| 2036 | 1.31E-12 | 2138 | 1.21E-12 | 2240 | 2.41E-12 | 2342 | 9.81E-13 | 2444 | 1.66E-12 | 2546 | 1.06E-12 | 2648 | 3.39E-12 | 2750 | 1.75E-12 | 2852 | | 2954 | 4.88E-12 | 3056 | | 3158 | 5.21E-12 |
| 2038 | 7.70E-13 | 2140 | 1.30E-12 | 2242 | 2.37E-12 | 2344 | 1.10E-12 | 2446 | 1.84E-12 | 2548 | 1.08E-12 | 2650 | 3.29E-12 | 2752 | 1.82E-12 | 2854 | | 2956 | 5.09E-12 | 3058 | | 3160 | 5.14E-12 |
| 2040 | 3.25E-13 | 2142 | 1.43E-12 | 2244 | 1.78E-12 | 2346 | 1.04E-12 | 2448 | 1.68E-12 | 2550 | 1.06E-12 | 2652 | 3.34E-12 | 2754 | 2.10E-12 | 2856 | 3.05E-12 | 2958 | 5.18E-12 | 3060 | 5.11E-12 | 3162 | 5.20E-12 |
| 2042 | 1.23E-12 | 2144 | 1.40E-12 | 2246 | 1.90E-12 | 2348 | 7.96E-13 | 2450 | 1.58E-12 | 2552 | 1.19E-12 | 2654 | 3.42E-12 | 2756 | 2.29E-12 | 2858 | 3.28E-12 | 2960 | 5.31E-12 | 3062 | 5.33E-12 | 3164 | 5.49E-12 |
| 2044 | 1.41E-12 | 2146 | 1.73E-12 | 2248 | 2.23E-12 | 2350 | 1.10E-12 | 2452 | 1.60E-12 | 2554 | 1.32E-12 | 2656 | 3.49E-12 | 2758 | 2.40E-12 | 2860 | 3.69E-12 | 2962 | 5.39E-12 | 3064 | 5.52E-12 | 3166 | 5.83E-12 |
| 2046 | 8.48E-13 | 2148 | 2.34E-12 | 2250 | 1.85E-12 | 2352 | 1.04E-12 | 2454 | 1.39E-12 | 2556 | 1.37E-12 | 2658 | 3.68E-12 | 2760 | 2.51E-12 | 2862 | 3.98E-12 | 2964 | 5.17E-12 | 3066 | 5.64E-12 | 3168 | 6.05E-12 |
| 2048 | 7.77E-13 | 2150 | 1.60E-12 | 2252 | 1.62E-12 | 2354 | 1.42E-12 | 2456 | 1.29E-12 | 2558 | 1.53E-12 | 2660 | 3.62E-12 | 2762 | 2.68E-12 | 2864 | 4.14E-12 | 2966 | 4.91E-12 | 3068 | 5.63E-12 | 3170 | 6.15E-12 |
| 2050 | 8.25E-13 | 2152 | 1.42E-12 | 2254 | 2.01E-12 | 2356 | 1.39E-12 | 2458 | 1.38E-12 | 2560 | 1.48E-12 | 2662 | 3.30E-12 | 2764 | 2.87E-12 | 2866 | 4.13E-12 | 2968 | 4.79E-12 | 3070 | 5.62E-12 | 3172 | 6.12E-12 |
| 2052 | 1.35E-12 | 2154 | 2.01E-12 | 2256 | 1.94E-12 | 2358 | 1.51E-12 | 2460 | 1.42E-12 | 2562 | 1.43E-12 | 2664 | 3.17E-12 | 2766 | 2.98E-12 | 2868 | 3.91E-12 | 2970 | 4.75E-12 | 3072 | 5.60E-12 | 3174 | 5.99E-12 |
| 2054 | 1.79E-12 | 2156 | 1.58E-12 | 2258 | 1.66E-12 | 2360 | 1.37E-12 | 2462 | 1.17E-12 | 2564 | 1.45E-12 | 2666 | 2.96E-12 | 2768 | 2.99E-12 | 2870 | 3.84E-12 | 2972 | 4.81E-12 | 3074 | 5.50E-12 | 3176 | 5.72E-12 |
| 2056 | 1.54E-12 | 2158 | 1.63E-12 | 2260 | 1.32E-12 | 2362 | 1.22E-12 | 2464 | 1.19E-12 | 2566 | 1.55E-12 | 2668 | 2.83E-12 | 2770 | 2.96E-12 | 2872 | 4.07E-12 | 2974 | 4.99E-12 | 3076 | 5.54E-12 | 3178 | 5.40E-12 |
| 2058 | 1.63E-12 | 2160 | 2.03E-12 | 2262 | 1.57E-12 | 2364 | 9.96E-13 | 2466 | 1.24E-12 | 2568 | 1.74E-12 | 2670 | 2.83E-12 | 2772 | 3.09E-12 | 2874 | 4.19E-12 | 2976 | 5.26E-12 | 3078 | 5.68E-12 | 3180 | 5.11E-12 |
| 2060 | 1.28E-12 | 2162 | 1.62E-12 | 2264 | 1.87E-12 | 2366 | 1.15E-12 | 2468 | 1.33E-12 | 2570 | 1.82E-12 | 2672 | 2.94E-12 | 2774 | 3.21E-12 | 2876 | 4.16E-12 | 2978 | 5.34E-12 | 3080 | 5.89E-12 | 3182 | 5.17E-12 |
| 2062 | 9.04E-13 | 2164 | 1.53E-12 | 2266 | 1.70E-12 | 2368 | 1.17E-12 | 2470 | 1.42E-12 | 2572 | 1.90E-12 | 2674 | 3.02E-12 | 2776 | 3.18E-12 | 2878 | 3.88E-12 | 2980 | 5.21E-12 | 3082 | 6.08E-12 | 3184 | 5.25E-12 |
| 2064 | 9.81E-13 | 2166 | 1.56E-12 | 2268 | 1.30E-12 | 2370 | 1.16E-12 | 2472 | 1.44E-12 | 2574 | 2.02E-12 | 2676 | 3.14E-12 | 2778 | 3.02E-12 | 2880 | 3.69E-12 | 2982 | 4.86E-12 | 3084 | 6.20E-12 | 3186 | 5.34E-12 |
| 2066 | 1.11E-12 | 2168 | 1.20E-12 | 2270 | 1.15E-12 | 2372 | 1.17E-12 | 2474 | 1.40E-12 | 2576 | 1.93E-12 | 2678 | 3.30E-12 | 2780 | 2.83E-12 | 2882 | 3.70E-12 | 2984 | 4.51E-12 | 3086 | 6.16E-12 | 3188 | 5.59E-12 |
| 2068 | 6.33E-13 | 2170 | 1.38E-12 | 2272 | 1.35E-12 | 2374 | 1.32E-12 | 2476 | 1.49E-12 | 2578 | 1.83E-12 | 2680 | 3.20E-12 | 2782 | 2.64E-12 | 2884 | 3.85E-12 | 2986 | 4.38E-12 | 3088 | 6.05E-12 | 3190 | 5.70E-12 |
| 2070 | 1.18E-12 | 2172 | 1.34E-12 | 2274 | 1.67E-12 | 2376 | 1.48E-12 | 2478 | 1.72E-12 | 2580 | 1.91E-12 | 2682 | 3.07E-12 | 2784 | 2.52E-12 | 2886 | 4.14E-12 | 2988 | 4.61E-12 | 3090 | 5.72E-12 | 3192 | 5.54E-12 |
| 2072 | 1.31E-12 | 2174 | 1.77E-12 | 2276 | 1.62E-12 | 2378 | 1.25E-12 | 2480 | 1.53E-12 | 2582 | 1.88E-12 | 2684 | 3.13E-12 | 2786 | 2.39E-12 | 2888 | 4.34E-12 | 2990 | 4.90E-12 | 3092 | 5.16E-12 | 3194 | 5.41E-12 |
| 2074 | 1.96E-12 | 2176 | 1.82E-12 | 2278 | 1.18E-12 | 2380 | 1.18E-12 | 2482 | 1.31E-12 | 2584 | 2.01E-12 | 2686 | 3.24E-12 | 2788 | 2.28E-12 | 2890 | 4.26E-12 | 2992 | 5.11E-12 | 3094 | 4.97E-12 | 3196 | 5.61E-12 |
| 2076 | 2.66E-12 | 2178 | 1.60E-12 | 2280 | 1.43E-12 | 2382 | 9.90E-13 | 2484 | 1.32E-12 | 2586 | 1.92E-12 | 2688 | 3.16E-12 | 2790 | 2.07E-12 | 2892 | 4.13E-12 | 2994 | 5.32E-12 | 3096 | 4.85E-12 | 3198 | 6.03E-12 |


HD 27561 F5 V V=6.61 (B−V)=0.41 E(B−V)=−0.04
LAP: LWP 10007
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 106516 F5 V V=6.11 (B-V)=0.46 E(B-V)=0.01**

**LAP: LWP 9607**

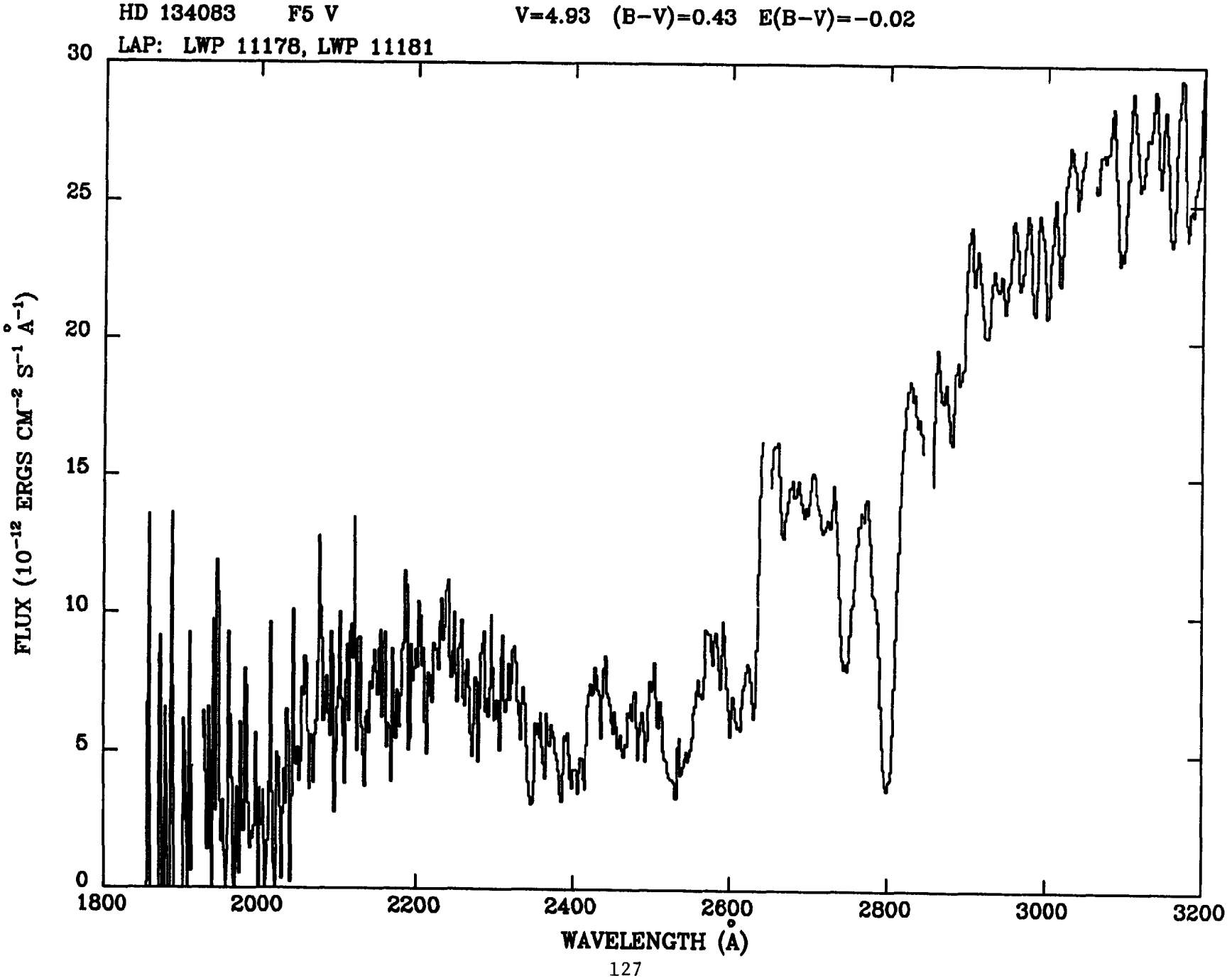
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.28E-12 | 2078 | 4.25E-12 | 2180 | 2.55E-12 | 2282 | 3.05E-12 | 2384 | 1.25E-12 | 2486 | 2.53E-12 | 2588 | 3.89E-12 | 2690 | 6.26E-12 | 2792 | 1.82E-12 | 2894 | 7.19E-12 | 2996 | 8.86E-12 | 3098 | 7.59E-12 |
| 1978 | 2.03E-12 | 2080 | 3.55E-12 | 2182 | 3.04E-12 | 2284 | 3.50E-12 | 2386 | 1.55E-12 | 2488 | 2.67E-12 | 2590 | 4.46E-12 | 2692 | 6.26E-12 | 2794 | 1.44E-12 | 2896 | 7.74E-12 | 2998 | 8.50E-12 | 3100 | 7.94E-12 |
| 1980 | 2.03E-12 | 2082 | 3.02E-12 | 2184 | 3.86E-12 | 2286 | 3.33E-12 | 2388 | 2.53E-12 | 2490 | 2.16E-12 | 2592 | 4.58E-12 | 2694 | 6.37E-12 | 2796 | 1.16E-12 | 2898 | 8.38E-12 | 3000 | 8.13E-12 | 3102 | 8.43E-12 |
| 1982 | 4.27E-12 | 2084 | 2.88E-12 | 2186 | 4.24E-12 | 2288 | 2.62E-12 | 2390 | 2.68E-12 | 2492 | 1.89E-12 | 2594 | 4.61E-12 | 2696 | 6.41E-12 | 2798 | 1.10E-12 | 2900 | 8.68E-12 | 3002 | 8.13E-12 | 3104 | 8.99E-12 |
| 1984 | 3.09E-12 | 2086 | 3.14E-12 | 2188 | 4.12E-12 | 2290 | 3.12E-12 | 2392 | 2.71E-12 | 2494 | 2.42E-12 | 2596 | 4.28E-12 | 2698 | 6.06E-12 | 2800 | 1.22E-12 | 2902 | 8.91E-12 | 3004 | 8.37E-12 | 3106 | 9.57E-12 |
| 1986 | 1.71E-12 | 2088 | 2.35E-12 | 2190 | 2.44E-12 | 2292 | 2.80E-12 | 2394 | 2.61E-12 | 2496 | 3.31E-12 | 2598 | 3.47E-12 | 2700 | 6.23E-12 | 2802 | 1.26E-12 | 2904 | 9.17E-12 | 3006 | 8.66E-12 | 3108 | 9.97E-12 |
| 1988 | 1.16E-12 | 2090 | 2.72E-12 | 2192 | 2.04E-12 | 2294 | 4.32E-12 | 2396 | 2.31E-12 | 2498 | 3.59E-12 | 2600 | 2.84E-12 | 2702 | 6.55E-12 | 2804 | 1.31E-12 | 2906 | 8.95E-12 | 3008 | 8.98E-12 | 3110 | 1.01E-11 |
| 1990 | 1.27E-12 | 2092 | 4.56E-12 | 2194 | 2.80E-12 | 2296 | 4.37E-12 | 2398 | 1.95E-12 | 2500 | 3.39E-12 | 2602 | 3.07E-12 | 2704 | 6.73E-12 | 2806 | 1.53E-12 | 2908 | 8.63E-12 | 3010 | 9.27E-12 | 3112 | 1.01E-11 |
| 1992 | 1.12E-12 | 2094 | 2.01E-12 | 2196 | 3.23E-12 | 2298 | 2.90E-12 | 2400 | 2.23E-12 | 2502 | 3.66E-12 | 2604 | 3.53E-12 | 2706 | 6.61E-12 | 2808 | 1.97E-12 | 2910 | 8.39E-12 | 3012 | 9.04E-12 | 3114 | 9.72E-12 |
| 1994 | 1.77E-12 | 2096 | 5.57E-13 | 2198 | 3.88E-12 | 2300 | 2.79E-12 | 2402 | 2.50E-12 | 2504 | 3.45E-12 | 2606 | 3.50E-12 | 2708 | 6.22E-12 | 2810 | 2.67E-12 | 2912 | 8.27E-12 | 3014 | 8.76E-12 | 3116 | 9.36E-12 |
| 1996 | 2.37E-12 | 2098 | 2.43E-12 | 2200 | 3.86E-12 | 2302 | 3.53E-12 | 2404 | 2.48E-12 | 2506 | 2.69E-12 | 2608 | 3.10E-12 | 2710 | 6.04E-12 | 2812 | 3.38E-12 | 2914 | 8.39E-12 | 3016 | 8.49E-12 | 3118 | 9.19E-12 |
| 1998 | -1.67E-13 | 2100 | 2.98E-12 | 2202 | 4.02E-12 | 2304 | 3.38E-12 | 2406 | 2.01E-12 | 2508 | 2.58E-12 | 2610 | 3.10E-12 | 2712 | 6.08E-12 | 2814 | 4.09E-12 | 2916 | 8.42E-12 | 3018 | 8.20E-12 | 3120 | 9.03E-12 |
| 2000 | 7.79E-13 | 2102 | 4.19E-12 | 2204 | 4.49E-12 | 2306 | 3.16E-12 | 2408 | 2.06E-12 | 2510 | 3.05E-12 | 2612 | 2.95E-12 | 2714 | 5.93E-12 | 2816 | 4.82E-12 | 2918 | 8.40E-12 | 3020 | 8.26E-12 | 3122 | 9.00E-12 |
| 2002 | 1.10E-12 | 2104 | 3.27E-12 | 2206 | 4.47E-12 | 2308 | 3.83E-12 | 2410 | 2.31E-12 | 2512 | 2.96E-12 | 2614 | 2.86E-12 | 2716 | 5.77E-12 | 2818 | 5.31E-12 | 2920 | 8.42E-12 | 3022 | 8.56E-12 | 3124 | 8.95E-12 |
| 2004 | 1.68E-12 | 2106 | 2.02E-12 | 2208 | 3.01E-12 | 2310 | 4.07E-12 | 2412 | 2.20E-12 | 2514 | 2.49E-12 | 2616 | 3.09E-12 | 2718 | 5.79E-12 | 2820 | 5.68E-12 | 2922 | 8.00E-12 | 3024 | 9.01E-12 | 3126 | 9.14E-12 |
| 2006 | 1.43E-12 | 2108 | 1.16E-12 | 2210 | 2.77E-12 | 2312 | 3.21E-12 | 2414 | 1.84E-12 | 2516 | 2.05E-12 | 2618 | 3.77E-12 | 2720 | 5.70E-12 | 2822 | 6.05E-12 | 2924 | 7.73E-12 | 3026 | 9.29E-12 | 3128 | 9.44E-12 |
| 2008 | -1.19E-13 | 2110 | 2.53E-12 | 2212 | 1.28E-12 | 2314 | 2.95E-12 | 2416 | 2.43E-12 | 2518 | 1.64E-12 | 2620 | 4.28E-12 | 2722 | 5.85E-12 | 2824 | 6.17E-12 | 2926 | 7.63E-12 | 3028 | 9.53E-12 | 3130 | 9.48E-12 |
| 2010 | 1.03E-12 | 2112 | 3.42E-12 | 2214 | 2.48E-12 | 2316 | 3.40E-12 | 2418 | 3.06E-12 | 2520 | 1.72E-12 | 2622 | 4.48E-12 | 2724 | 5.91E-12 | 2826 | 6.28E-12 | 2928 | 7.70E-12 | 3030 | 9.99E-12 | 3132 | 9.61E-12 |
| 2012 | 1.93E-12 | 2114 | 2.74E-12 | 2216 | 3.24E-12 | 2318 | 3.73E-12 | 2420 | 3.32E-12 | 2522 | 1.76E-12 | 2624 | 4.50E-12 | 2726 | 5.69E-12 | 2828 | 6.55E-12 | 2930 | 7.95E-12 | 3032 | 1.02E-11 | 3134 | 9.80E-12 |
| 2014 | 3.98E-12 | 2116 | 3.83E-12 | 2218 | 3.32E-12 | 2320 | 3.28E-12 | 2422 | 3.64E-12 | 2524 | 1.67E-12 | 2626 | 4.09E-12 | 2728 | 5.49E-12 | 2830 | 6.59E-12 | 2932 | 8.19E-12 | 3034 | 9.95E-12 | 3136 | 9.99E-12 |
| 2016 | 1.98E-12 | 2118 | 3.47E-12 | 2220 | 3.04E-12 | 2322 | 3.84E-12 | 2424 | 3.70E-12 | 2526 | 1.80E-12 | 2628 | 3.53E-12 | 2730 | 5.82E-12 | 2832 | 6.65E-12 | 2934 | 8.15E-12 | 3036 | 9.59E-12 | 3138 | 9.99E-12 |
| 2018 | -5.94E-15 | 2120 | 3.61E-12 | 2222 | 3.75E-12 | 2324 | 4.52E-12 | 2426 | 3.79E-12 | 2528 | 1.67E-12 | 2630 | 3.29E-12 | 2732 | 5.94E-12 | 2834 | 6.88E-12 | 2936 | 8.07E-12 | 3038 | 9.23E-12 | 3140 | 9.70E-12 |
| 2020 | 6.29E-13 | 2122 | 4.38E-12 | 2224 | 4.08E-12 | 2326 | 4.08E-12 | 2428 | 4.02E-12 | 2530 | 1.63E-12 | 2632 | 3.42E-12 | 2734 | 5.74E-12 | 2836 | 6.65E-12 | 2938 | 8.16E-12 | 3040 | 9.41E-12 | 3142 | 9.22E-12 |
| 2022 | 1.87E-12 | 2124 | 1.68E-12 | 2226 | 3.97E-12 | 2328 | 3.68E-12 | 2430 | 3.80E-12 | 2532 | 2.24E-12 | 2634 | 4.30E-12 | 2736 | 5.34E-12 | 2838 | 6.38E-12 | 2940 | 8.31E-12 | 3042 | 9.58E-12 | 3144 | 9.02E-12 |
| 2024 | 1.22E-12 | 2126 | 2.35E-12 | 2228 | 3.79E-12 | 2330 | 3.04E-12 | 2432 | 3.58E-12 | 2534 | 2.57E-12 | 2636 | 5.60E-12 | 2738 | 4.84E-12 | 2840 | 6.46E-12 | 2942 | 8.35E-12 | 3044 | 9.65E-12 | 3146 | 9.32E-12 |
| 2026 | 3.64E-13 | 2128 | 3.22E-12 | 2230 | 4.72E-12 | 2332 | 2.79E-12 | 2434 | 3.42E-12 | 2536 | 2.00E-12 | 2638 | 6.72E-12 | 2740 | 4.42E-12 | 2842 | 6.38E-12 | 2944 | 8.32E-12 | 3046 | 9.57E-12 | 3148 | 9.73E-12 |
| 2028 | 1.40E-12 | 2130 | 2.41E-12 | 2232 | 4.86E-12 | 2334 | 3.03E-12 | 2436 | 2.94E-12 | 2538 | 1.92E-12 | 2640 | 6.80E-12 | 2742 | 4.08E-12 | 2844 | 6.07E-12 | 2946 | 8.09E-12 | 3048 | 9.70E-12 | 3150 | 9.95E-12 |
| 2030 | 3.20E-12 | 2132 | 2.25E-12 | 2234 | 3.98E-12 | 2336 | 2.90E-12 | 2438 | 3.81E-12 | 2540 | 2.29E-12 | 2642 | 6.70E-12 | 2744 | 4.01E-12 | 2846 | | 2948 | 7.95E-12 | 3050 | 9.75E-12 | 3152 | 9.91E-12 |
| 2032 | 1.58E-13 | 2134 | 1.68E-12 | 2236 | 4.20E-12 | 2338 | 2.63E-12 | 2440 | 3.93E-12 | 2542 | 2.67E-12 | 2644 | 7.10E-12 | 2746 | 4.10E-12 | 2848 | | 2950 | 8.34E-12 | 3052 | | 3154 | 9.35E-12 |
| 2034 | 1.93E-12 | 2136 | 2.11E-12 | 2238 | 4.60E-12 | 2340 | 2.47E-12 | 2442 | 3.72E-12 | 2544 | 2.70E-12 | 2646 | | 2748 | 3.88E-12 | 2850 | | 2952 | 8.42E-12 | 3054 | | 3156 | 8.93E-12 |
| 2036 | 3.14E-12 | 2138 | 2.52E-12 | 2240 | 5.12E-12 | 2342 | 2.07E-12 | 2444 | 3.69E-12 | 2546 | 2.59E-12 | 2648 | 6.57E-12 | 2750 | 3.91E-12 | 2852 | | 2954 | 8.76E-12 | 3056 | | 3158 | 8.82E-12 |
| 2038 | 1.14E-12 | 2140 | 2.21E-12 | 2242 | 4.83E-12 | 2344 | 2.17E-12 | 2446 | 3.68E-12 | 2548 | 2.64E-12 | 2650 | 6.38E-12 | 2752 | 4.24E-12 | 2854 | | 2956 | 9.14E-12 | 3058 | | 3160 | 8.86E-12 |
| 2040 | 1.78E-13 | 2142 | 2.31E-12 | 2244 | 3.70E-12 | 2346 | 1.93E-12 | 2448 | 3.35E-12 | 2550 | 2.51E-12 | 2652 | 6.56E-12 | 2754 | 4.66E-12 | 2856 | 5.27E-12 | 2958 | 9.27E-12 | 3060 | 8.87E-12 | 3162 | 8.88E-12 |
| 2042 | 2.60E-12 | 2144 | 2.39E-12 | 2246 | 3.79E-12 | 2348 | 1.53E-12 | 2450 | 3.25E-12 | 2552 | 2.91E-12 | 2654 | 6.85E-12 | 2756 | 4.60E-12 | 2858 | 6.00E-12 | 2960 | 9.28E-12 | 3062 | 8.83E-12 | 3164 | 9.15E-12 |
| 2044 | 2.93E-12 | 2146 | 2.85E-12 | 2248 | 4.49E-12 | 2350 | 2.80E-12 | 2452 | 3.51E-12 | 2554 | 3.27E-12 | 2656 | 6.91E-12 | 2758 | 4.62E-12 | 2860 | 6.88E-12 | 2962 | 8.91E-12 | 3064 | 8.57E-12 | 3166 | 9.65E-12 |
| 2046 | 1.44E-12 | 2148 | 3.89E-12 | 2250 | 3.82E-12 | 2352 | 2.92E-12 | 2454 | 3.17E-12 | 2556 | 3.39E-12 | 2658 | 7.19E-12 | 2760 | 5.03E-12 | 2862 | 7.13E-12 | 2964 | 8.39E-12 | 3066 | 8.59E-12 | 3168 | 9.95E-12 |
| 2048 | 1.73E-12 | 2150 | 3.09E-12 | 2252 | 3.02E-12 | 2354 | 3.29E-12 | 2456 | 2.75E-12 | 2558 | 3.90E-12 | 2660 | 7.16E-12 | 2762 | 5.30E-12 | 2864 | 7.02E-12 | 2966 | 7.99E-12 | 3068 | 8.91E-12 | 3170 | 1.02E-11 |
| 2050 | 1.42E-12 | 2152 | 2.49E-12 | 2254 | 3.55E-12 | 2356 | 3.07E-12 | 2458 | 2.87E-12 | 2560 | 3.76E-12 | 2662 | 6.46E-12 | 2764 | 5.36E-12 | 2866 | 7.04E-12 | 2968 | 7.95E-12 | 3070 | 9.21E-12 | 3172 | 1.03E-11 |
| 2052 | 9.78E-13 | 2154 | 3.50E-12 | 2256 | 4.18E-12 | 2358 | 3.17E-12 | 2460 | 3.14E-12 | 2562 | 3.56E-12 | 2664 | 6.10E-12 | 2766 | 5.57E-12 | 2868 | 7.04E-12 | 2970 | 8.13E-12 | 3072 | 9.35E-12 | 3174 | 1.00E-11 |
| 2054 | 2.00E-12 | 2156 | 2.85E-12 | 2258 | 4.22E-12 | 2360 | 2.78E-12 | 2462 | 2.86E-12 | 2564 | 3.46E-12 | 2666 | 5.80E-12 | 2768 | 5.52E-12 | 2870 | 7.03E-12 | 2972 | 8.41E-12 | 3074 | 9.27E-12 | 3176 | 9.27E-12 |
| 2056 | 3.07E-12 | 2158 | 3.46E-12 | 2260 | 3.52E-12 | 2362 | 2.49E-12 | 2464 | 2.91E-12 | 2566 | 3.77E-12 | 2668 | 5.73E-12 | 2770 | 5.40E-12 | 2872 | 7.33E-12 | 2974 | 8.87E-12 | 3076 | 9.22E-12 | 3178 | 8.53E-12 |
| 2058 | 3.10E-12 | 2160 | 4.03E-12 | 2262 | 3.27E-12 | 2364 | 2.23E-12 | 2466 | 2.82E-12 | 2568 | 4.25E-12 | 2670 | 5.85E-12 | 2772 | 5.54E-12 | 2874 | 7.40E-12 | 2976 | 9.27E-12 | 3078 | 9.30E-12 | 3180 | 8.52E-12 |
| 2060 | 2.69E-12 | 2162 | 2.59E-12 | 2264 | 3.42E-12 | 2366 | 2.89E-12 | 2468 | 3.27E-12 | 2570 | 4.26E-12 | 2672 | 6.09E-12 | 2774 | 5.50E-12 | 2876 | 7.14E-12 | 2978 | 9.27E-12 | 3080 | 9.40E-12 | 3182 | 9.21E-12 |
| 2062 | 1.67E-12 | 2164 | 2.18E-12 | 2266 | 3.51E-12 | 2368 | 2.60E-12 | 2470 | 3.49E-12 | 2572 | 4.40E-12 | 2674 | 6.39E-12 | 2776 | 5.39E-12 | 2878 | 6.55E-12 | 2980 | 8.84E-12 | 3082 | 9.67E-12 | 3184 | 9.61E-12 |
| 2064 | 1.41E-12 | 2166 | 2.35E-12 | 2268 | 2.91E-12 | 2370 | 2.50E-12 | 2472 | 3.36E-12 | 2574 | 4.54E-12 | 2676 | 6.44E-12 | 2778 | 4.99E-12 | 2880 | 5.97E-12 | 2982 | 7.99E-12 | 3084 | 9.95E-12 | 3186 | 9.52E-12 |
| 2066 | 2.20E-12 | 2168 | 1.64E-12 | 2270 | 1.96E-12 | 2372 | 2.68E-12 | 2474 | 3.19E-12 | 2576 | 4.09E-12 | 2678 | 6.49E-12 | 2780 | 4.31E-12 | 2882 | 5.89E-12 | 2984 | 7.60E-12 | 3086 | 9.62E-12 | 3188 | 9.46E-12 |
| 2068 | 5.80E-13 | 2170 | 2.40E-12 | 2272 | 1.94E-12 | 2374 | 2.82E-12 | 2476 | 3.33E-12 | 2578 | 4.09E-12 | 2680 | 6.56E-12 | 2782 | 3.91E-12 | 2884 | 6.31E-12 | 2986 | 7.70E-12 | 3088 | 8.96E-12 | 3190 | 9.38E-12 |
| 2070 | 2.03E-12 | 2172 | 2.76E-12 | 2274 | 3.41E-12 | 2376 | 2.98E-12 | 2478 | 3.67E-12 | 2580 | 4.59E-12 | 2682 | 6.53E-12 | 2784 | 3.80E-12 | 2886 | 7.00E-12 | 2988 | 8.31E-12 | 3090 | 8.35E-12 | 3192 | 9.27E-12 |
| 2072 | 2.79E-12 | 2174 | 2.88E-12 | 2276 | 3.91E-12 | 2378 | 2.64E-12 | 2480 | 3.17E-12 | 2582 | 4.49E-12 | 2684 | 6.42E-12 | 2786 | 3.54E-12 | 2888 | 7.49E-12 | 2990 | 8.86E-12 | 3092 | 7.69E-12 | 3194 | 9.53E-12 |
| 2074 | 3.81E-12 | 2176 | 3.60E-12 | 2278 | 3.05E-12 | 2380 | 2.64E-12 | 2482 | 2.55E-12 | 2584 | 4.44E-12 | 2686 | 6.49E-12 | 2788 | 3.09E-12 | 2890 | 7.37E-12 | 2992 | 8.94E-12 | 3094 | 7.57E-12 | 3196 | 9.74E-12 |
| 2076 | 5.15E-12 | 2178 | 2.85E-12 | 2280 | 2.85E-12 | 2382 | 1.83E-12 | 2484 | 2.34E-12 | 2586 | 3.98E-12 | 2688 | 6.36E-12 | 2790 | 2.37E-12 | 2892 | 7.26E-12 | 2994 | 8.91E-12 | 3096 | 7.55E-12 | 3198 | 9.73E-12 |


HD 106516 F5 V V=6.11 (B-V)=0.46 E(B-V)=0.01
LAP: LWP 9607
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
1800
2000
2200
2400
2600
2800
3000
3200

HD 134083 F5 V V=4.93 (B-V)=0.43 E(B-V)=-0.02

LAP: LWP 11178, LWP 11181

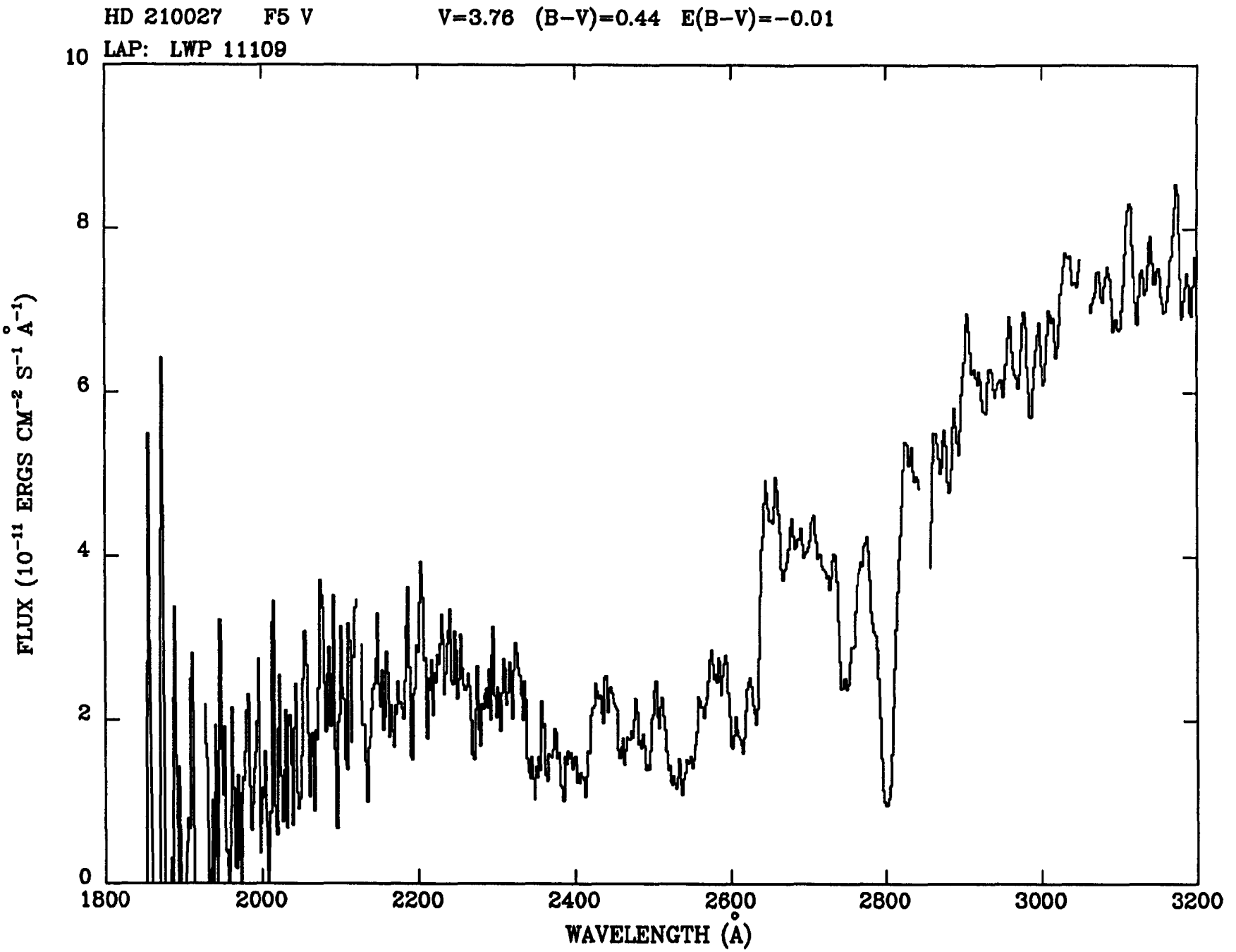
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.84E-12 | 2078 | 1.15E-11 | 2180 | 5.96E-12 | 2282 | 7.77E-12 | 2384 | 3.46E-12 | 2486 | 6.00E-12 | 2588 | 7.72E-12 | 2690 | 1.41E-11 | 2792 | 6.16E-12 | 2894 | 1.89E-11 | 2996 | 2.36E-11 | 3098 | 2.30E-11 |
| 1978 | 4.18E-12 | 2080 | 9.59E-12 | 2182 | 7.27E-12 | 2284 | 8.80E-12 | 2386 | 3.48E-12 | 2488 | 6.39E-12 | 2590 | 8.98E-12 | 2692 | 1.38E-11 | 2794 | 4.91E-12 | 2896 | 1.91E-11 | 2998 | 2.28E-11 | 3100 | 2.36E-11 |
| 1980 | 2.41E-12 | 2082 | 7.15E-12 | 2184 | 8.73E-12 | 2286 | 9.24E-12 | 2388 | 4.64E-12 | 2490 | 5.90E-12 | 2592 | 9.57E-12 | 2694 | 1.36E-11 | 2796 | 4.13E-12 | 2898 | 2.12E-11 | 3000 | 2.14E-11 | 3102 | 2.50E-11 |
| 1982 | 6.50E-12 | 2084 | 6.80E-12 | 2186 | 9.56E-12 | 2288 | 7.05E-12 | 2390 | 5.56E-12 | 2492 | 4.82E-12 | 2594 | 8.76E-12 | 2696 | 1.39E-11 | 2798 | 3.76E-12 | 2900 | 2.28E-11 | 3002 | 2.09E-11 | 3104 | 2.64E-11 |
| 1984 | 7.45E-12 | 2086 | 7.57E-12 | 2188 | 1.14E-11 | 2290 | 6.86E-12 | 2392 | 5.58E-12 | 2494 | 5.50E-12 | 2596 | 7.71E-12 | 2698 | 1.37E-11 | 2800 | 3.89E-12 | 2902 | 2.37E-11 | 3004 | 2.15E-11 | 3106 | 2.77E-11 |
| 1986 | 3.52E-12 | 2088 | 6.64E-12 | 2190 | 8.64E-12 | 2292 | 6.34E-12 | 2394 | 5.32E-12 | 2496 | 6.80E-12 | 2598 | 6.91E-12 | 2700 | 1.42E-11 | 2802 | 4.05E-12 | 2904 | 2.41E-11 | 3006 | 2.28E-11 | 3108 | 2.87E-11 |
| 1988 | 1.58E-12 | 2090 | 5.71E-12 | 2192 | 5.27E-12 | 2294 | 7.44E-12 | 2396 | 4.45E-12 | 2498 | 7.54E-12 | 2600 | 5.97E-12 | 2702 | 1.47E-11 | 2804 | 4.34E-12 | 2906 | 2.36E-11 | 3008 | 2.35E-11 | 3110 | 2.87E-11 |
| 1990 | 2.03E-12 | 2092 | 9.12E-12 | 2194 | 7.36E-12 | 2296 | 9.75E-12 | 2398 | 3.84E-12 | 2500 | 7.27E-12 | 2602 | 6.14E-12 | 2704 | 1.51E-11 | 2806 | 5.56E-12 | 2908 | 2.24E-11 | 3010 | 2.46E-11 | 3112 | 2.80E-11 |
| 1992 | 1.88E-12 | 2094 | 8.21E-12 | 2196 | 8.10E-12 | 2298 | 7.77E-12 | 2400 | 4.19E-12 | 2502 | 7.63E-12 | 2604 | 6.89E-12 | 2706 | 1.51E-11 | 2808 | 7.24E-12 | 2910 | 2.24E-11 | 3012 | 2.51E-11 | 3114 | 2.72E-11 |
| 1994 | 3.11E-12 | 2096 | 3.14E-12 | 2198 | 7.86E-12 | 2300 | 6.18E-12 | 2402 | 4.39E-12 | 2504 | 7.82E-12 | 2606 | 6.71E-12 | 2708 | 1.47E-11 | 2810 | 9.18E-12 | 2912 | 2.30E-11 | 3014 | 2.41E-11 | 3116 | 2.64E-11 |
| 1996 | 4.98E-12 | 2098 | 5.32E-12 | 2200 | 8.53E-12 | 2302 | 6.42E-12 | 2404 | 4.38E-12 | 2506 | 6.59E-12 | 2608 | 6.20E-12 | 2710 | 1.42E-11 | 2812 | 1.11E-11 | 2914 | 2.31E-11 | 3016 | 2.30E-11 | 3118 | 2.57E-11 |
| 1998 | 2.23E-12 | 2100 | 6.76E-12 | 2202 | 8.19E-12 | 2304 | 6.87E-12 | 2406 | 3.60E-12 | 2508 | 5.96E-12 | 2610 | 5.94E-12 | 2712 | 1.39E-11 | 2814 | 1.26E-11 | 2916 | 2.24E-11 | 3018 | 2.21E-11 | 3120 | 2.57E-11 |
| 2000 | 2.18E-12 | 2102 | 8.27E-12 | 2204 | 1.01E-11 | 2306 | 6.05E-12 | 2408 | 4.26E-12 | 2510 | 6.45E-12 | 2612 | 5.97E-12 | 2714 | 1.38E-11 | 2816 | 1.43E-11 | 2918 | 2.16E-11 | 3020 | 2.25E-11 | 3122 | 2.57E-11 |
| 2002 | 2.48E-12 | 2104 | 8.79E-12 | 2206 | 9.94E-12 | 2308 | 6.75E-12 | 2410 | 4.80E-12 | 2512 | 6.54E-12 | 2614 | 6.04E-12 | 2716 | 1.33E-11 | 2818 | 1.55E-11 | 2920 | 2.10E-11 | 3022 | 2.38E-11 | 3124 | 2.61E-11 |
| 2004 | 2.46E-12 | 2106 | 6.31E-12 | 2208 | 8.14E-12 | 2310 | 8.86E-12 | 2412 | 4.67E-12 | 2514 | 5.52E-12 | 2616 | 6.85E-12 | 2718 | 1.30E-11 | 2820 | 1.63E-11 | 2922 | 2.03E-11 | 3024 | 2.52E-11 | 3126 | 2.68E-11 |
| 2006 | 3.52E-12 | 2108 | 4.62E-12 | 2210 | 8.48E-12 | 2312 | 7.70E-12 | 2414 | 3.92E-12 | 2516 | 4.86E-12 | 2618 | 7.39E-12 | 2720 | 1.31E-11 | 2822 | 1.72E-11 | 2924 | 2.02E-11 | 3026 | 2.59E-11 | 3128 | 2.74E-11 |
| 2008 | -6.25E-13 | 2110 | 6.08E-12 | 2212 | 5.92E-12 | 2314 | 6.60E-12 | 2416 | 4.15E-12 | 2518 | 4.73E-12 | 2620 | 7.68E-12 | 2722 | 1.32E-11 | 2824 | 1.79E-11 | 2926 | 2.02E-11 | 3028 | 2.63E-11 | 3130 | 2.73E-11 |
| 2010 | 1.18E-12 | 2112 | 8.40E-12 | 2214 | 5.68E-12 | 2316 | 6.81E-12 | 2418 | 5.78E-12 | 2520 | 4.36E-12 | 2622 | 8.09E-12 | 2724 | 1.35E-11 | 2826 | 1.82E-11 | 2928 | 2.08E-11 | 3030 | 2.69E-11 | 3132 | 2.74E-11 |
| 2012 | 2.15E-12 | 2114 | 6.80E-12 | 2216 | 7.62E-12 | 2318 | 8.02E-12 | 2420 | 6.87E-12 | 2522 | 4.12E-12 | 2624 | 8.17E-12 | 2726 | 1.34E-11 | 2828 | 1.84E-11 | 2930 | 2.18E-11 | 3032 | 2.70E-11 | 3134 | 2.80E-11 |
| 2014 | 5.29E-12 | 2116 | 8.68E-12 | 2218 | 7.29E-12 | 2320 | 7.03E-12 | 2422 | 7.29E-12 | 2524 | 4.05E-12 | 2626 | 7.82E-12 | 2728 | 1.33E-11 | 2830 | 1.84E-11 | 2932 | 2.23E-11 | 3034 | 2.66E-11 | 3136 | 2.87E-11 |
| 2016 | 7.49E-12 | 2118 | 9.55E-12 | 2220 | 7.32E-12 | 2322 | 7.51E-12 | 2424 | 7.26E-12 | 2526 | 4.02E-12 | 2628 | 7.13E-12 | 2730 | 1.41E-11 | 2832 | 1.80E-11 | 2934 | 2.25E-11 | 3036 | 2.63E-11 | 3138 | 2.91E-11 |
| 2018 | 2.46E-12 | 2120 | 8.41E-12 | 2222 | 7.85E-12 | 2324 | 8.70E-12 | 2426 | 7.13E-12 | 2528 | 3.83E-12 | 2630 | 6.45E-12 | 2732 | 1.45E-11 | 2834 | 1.80E-11 | 2936 | 2.21E-11 | 3038 | 2.57E-11 | 3140 | 2.83E-11 |
| 2020 | 2.45E-13 | 2122 | 1.32E-11 | 2224 | 8.78E-12 | 2326 | 8.73E-12 | 2428 | 7.76E-12 | 2530 | 3.37E-12 | 2632 | 6.63E-12 | 2734 | 1.39E-11 | 2836 | 1.74E-11 | 2938 | 2.19E-11 | 3040 | 2.49E-11 | 3142 | 2.69E-11 |
| 2022 | 2.48E-12 | 2124 | 8.13E-12 | 2226 | 8.70E-12 | 2328 | 7.89E-12 | 2430 | 7.87E-12 | 2532 | 4.01E-12 | 2634 | 8.46E-12 | 2736 | 1.29E-11 | 2838 | 1.69E-11 | 2940 | 2.19E-11 | 3042 | 2.54E-11 | 3144 | 2.59E-11 |
| 2024 | 4.85E-12 | 2126 | 5.85E-12 | 2228 | 8.21E-12 | 2330 | 6.71E-12 | 2432 | 7.37E-12 | 2534 | 5.35E-12 | 2636 | 1.12E-11 | 2738 | 1.15E-11 | 2840 | 1.71E-11 | 2942 | 2.22E-11 | 3044 | 2.60E-11 | 3146 | 2.61E-11 |
| 2026 | 3.59E-12 | 2128 | 9.09E-12 | 2230 | 9.27E-12 | 2332 | 6.06E-12 | 2434 | 7.11E-12 | 2536 | 4.95E-12 | 2638 | 1.43E-11 | 2740 | 9.94E-12 | 2842 | 1.67E-11 | 2944 | 2.24E-11 | 3046 | 2.64E-11 | 3148 | 2.75E-11 |
| 2028 | 1.00E-12 | 2130 | 8.16E-12 | 2232 | 1.04E-11 | 2334 | 6.07E-12 | 2436 | 5.63E-12 | 2538 | 4.24E-12 | 2640 | 1.59E-11 | 2742 | 8.72E-12 | 2844 | 1.65E-11 | 2946 | 2.18E-11 | 3048 | 2.66E-11 | 3150 | 2.83E-11 |
| 2030 | 2.25E-12 | 2132 | 5.54E-12 | 2234 | 9.19E-12 | 2336 | 7.06E-12 | 2438 | 7.05E-12 | 2540 | 4.42E-12 | 2642 | 1.63E-11 | 2744 | 8.18E-12 | 2846 | 1.59E-11 | 2948 | 2.12E-11 | 3050 | 2.70E-11 | 3152 | 2.77E-11 |
| 2032 | 4.11E-12 | 2134 | 4.38E-12 | 2236 | 9.57E-12 | 2338 | 7.02E-12 | 2440 | 8.11E-12 | 2542 | 4.71E-12 | 2644 | | 2746 | 8.22E-12 | 2848 | | 2950 | 2.15E-11 | 3052 | | 3154 | 2.65E-11 |
| 2034 | 3.14E-12 | 2136 | 5.00E-12 | 2238 | 1.09E-11 | 2340 | 5.85E-12 | 2442 | 8.22E-12 | 2544 | 5.01E-12 | 2646 | | 2748 | 8.06E-12 | 2850 | | 2952 | 2.21E-11 | 3054 | | 3156 | 2.49E-11 |
| 2036 | 6.46E-12 | 2138 | 6.36E-12 | 2240 | 1.11E-11 | 2342 | 4.39E-12 | 2444 | 7.12E-12 | 2546 | 4.80E-12 | 2648 | | 2750 | 8.32E-12 | 2852 | | 2954 | 2.23E-11 | 3056 | | 3158 | 2.38E-11 |
| 2038 | 4.90E-12 | 2140 | 5.97E-12 | 2242 | 1.05E-11 | 2344 | 3.55E-12 | 2446 | 6.91E-12 | 2548 | 4.90E-12 | 2650 | 1.46E-11 | 2752 | 9.32E-12 | 2854 | | 2956 | 2.33E-11 | 3058 | | 3160 | 2.36E-11 |
| 2040 | 8.59E-13 | 2142 | 6.98E-12 | 2244 | 8.21E-12 | 2346 | 3.18E-12 | 2448 | 6.48E-12 | 2550 | 5.14E-12 | 2652 | 1.50E-11 | 2754 | 1.03E-11 | 2856 | 1.47E-11 | 2958 | 2.43E-11 | 3060 | | 3162 | 2.41E-11 |
| 2042 | 5.06E-12 | 2144 | 7.35E-12 | 2246 | 8.03E-12 | 2348 | 3.16E-12 | 2450 | 5.92E-12 | 2552 | 5.61E-12 | 2654 | 1.57E-11 | 2756 | 1.05E-11 | 2858 | 1.63E-11 | 2960 | 2.43E-11 | 3062 | 2.57E-11 | 3164 | 2.56E-11 |
| 2044 | 8.46E-12 | 2146 | 7.96E-12 | 2248 | 9.26E-12 | 2350 | 3.92E-12 | 2452 | 6.14E-12 | 2554 | 6.49E-12 | 2656 | 1.61E-11 | 2758 | 1.12E-11 | 2860 | 1.84E-11 | 2962 | 2.38E-11 | 3064 | 2.55E-11 | 3166 | 2.75E-11 |
| 2046 | 4.59E-12 | 2148 | 8.60E-12 | 2250 | 8.94E-12 | 2352 | 6.04E-12 | 2454 | 6.16E-12 | 2556 | 6.79E-12 | 2658 | 1.61E-11 | 2760 | 1.22E-11 | 2862 | 1.95E-11 | 2964 | 2.29E-11 | 3066 | 2.55E-11 | 3168 | 2.85E-11 |
| 2048 | 4.81E-12 | 2150 | 7.87E-12 | 2252 | 7.28E-12 | 2354 | 5.75E-12 | 2456 | 5.47E-12 | 2558 | 7.36E-12 | 2660 | 1.63E-11 | 2762 | 1.28E-11 | 2864 | 1.91E-11 | 2966 | 2.21E-11 | 3068 | 2.63E-11 | 3170 | 2.92E-11 |
| 2050 | 4.56E-12 | 2152 | 7.23E-12 | 2254 | 7.98E-12 | 2356 | 5.96E-12 | 2458 | 5.44E-12 | 2560 | 7.49E-12 | 2662 | 1.52E-11 | 2764 | 1.32E-11 | 2866 | 1.83E-11 | 2968 | 2.20E-11 | 3070 | 2.67E-11 | 3172 | 2.95E-11 |
| 2052 | 4.33E-12 | 2154 | 8.81E-12 | 2256 | 8.84E-12 | 2358 | 5.77E-12 | 2460 | 5.62E-12 | 2562 | 7.12E-12 | 2664 | 1.39E-11 | 2766 | 1.35E-11 | 2868 | 1.78E-11 | 2970 | 2.24E-11 | 3072 | 2.68E-11 | 3174 | 2.86E-11 |
| 2054 | 6.38E-12 | 2156 | 8.60E-12 | 2258 | 9.54E-12 | 2360 | 6.00E-12 | 2462 | 5.21E-12 | 2564 | 7.09E-12 | 2666 | 1.30E-11 | 2768 | 1.37E-11 | 2870 | 1.78E-11 | 2972 | 2.31E-11 | 3074 | 2.67E-11 | 3176 | 2.65E-11 |
| 2056 | 7.12E-12 | 2158 | 7.07E-12 | 2260 | 7.52E-12 | 2362 | 4.98E-12 | 2464 | 4.89E-12 | 2566 | 7.38E-12 | 2668 | 1.29E-11 | 2770 | 1.35E-11 | 2872 | 1.82E-11 | 2974 | 2.38E-11 | 3076 | 2.66E-11 | 3178 | 2.46E-11 |
| 2058 | 8.08E-12 | 2160 | 9.06E-12 | 2262 | 6.73E-12 | 2364 | 4.37E-12 | 2466 | 5.32E-12 | 2568 | 8.70E-12 | 2670 | 1.35E-11 | 2772 | 1.39E-11 | 2874 | 1.83E-11 | 2976 | 2.45E-11 | 3078 | 2.68E-11 | 3180 | 2.38E-11 |
| 2060 | 8.21E-12 | 2162 | 7.46E-12 | 2264 | 7.88E-12 | 2366 | 5.36E-12 | 2468 | 5.37E-12 | 2570 | 9.42E-12 | 2672 | 1.38E-11 | 2774 | 1.42E-11 | 2876 | 1.76E-11 | 2978 | 2.44E-11 | 3080 | 2.72E-11 | 3182 | 2.41E-11 |
| 2062 | 5.98E-12 | 2164 | 5.61E-12 | 2266 | 8.27E-12 | 2368 | 5.79E-12 | 2470 | 6.44E-12 | 2572 | 9.33E-12 | 2674 | 1.43E-11 | 2776 | 1.37E-11 | 2878 | 1.69E-11 | 2980 | 2.34E-11 | 3082 | 2.79E-11 | 3184 | 2.48E-11 |
| 2064 | 3.86E-12 | 2166 | 5.95E-12 | 2268 | 7.09E-12 | 2370 | 5.30E-12 | 2472 | 6.43E-12 | 2574 | 9.32E-12 | 2676 | 1.46E-11 | 2778 | 1.28E-11 | 2880 | 1.63E-11 | 2982 | 2.19E-11 | 3084 | 2.84E-11 | 3186 | 2.48E-11 |
| 2066 | 5.57E-12 | 2168 | 4.62E-12 | 2270 | 5.53E-12 | 2372 | 5.82E-12 | 2474 | 6.60E-12 | 2576 | 8.79E-12 | 2678 | 1.47E-11 | 2780 | 1.16E-11 | 2882 | 1.69E-11 | 2984 | 2.11E-11 | 3086 | 2.78E-11 | 3188 | 2.48E-11 |
| 2068 | 5.12E-12 | 2170 | 7.28E-12 | 2272 | 5.15E-12 | 2374 | 5.80E-12 | 2476 | 6.50E-12 | 2578 | 8.26E-12 | 2680 | 1.46E-11 | 2782 | 1.08E-11 | 2884 | 1.83E-11 | 2986 | 2.11E-11 | 3088 | 2.64E-11 | 3190 | 2.55E-11 |
| 2070 | 4.33E-12 | 2172 | 6.96E-12 | 2274 | 6.60E-12 | 2376 | 5.58E-12 | 2478 | 7.13E-12 | 2580 | 9.05E-12 | 2682 | 1.43E-11 | 2784 | 1.06E-11 | 2886 | 1.89E-11 | 2988 | 2.25E-11 | 3090 | 2.53E-11 | 3192 | 2.58E-11 |
| 2072 | 5.78E-12 | 2174 | 5.68E-12 | 2276 | 7.63E-12 | 2378 | 5.02E-12 | 2480 | 6.58E-12 | 2582 | 9.30E-12 | 2684 | 1.45E-11 | 2786 | 1.02E-11 | 2888 | 1.92E-11 | 2990 | 2.43E-11 | 3092 | 2.37E-11 | 3194 | 2.63E-11 |
| 2074 | 6.85E-12 | 2176 | 6.96E-12 | 2278 | 6.25E-12 | 2380 | 4.74E-12 | 2482 | 5.30E-12 | 2584 | 8.73E-12 | 2686 | 1.48E-11 | 2788 | 9.49E-12 | 2890 | 1.86E-11 | 2992 | 2.45E-11 | 3094 | 2.29E-11 | 3196 | 2.76E-11 |
| 2076 | 1.03E-11 | 2178 | 7.12E-12 | 2280 | 5.72E-12 | 2382 | 4.26E-12 | 2484 | 5.37E-12 | 2586 | 7.86E-12 | 2688 | 1.45E-11 | 2790 | 7.92E-12 | 2892 | 1.86E-11 | 2994 | 2.41E-11 | 3096 | 2.33E-11 | 3198 | 2.91E-11 |


HD 134083 F5 V
V=4.93 (B-V)=0.43 E(B-V)=-0.02
LAP: LWP 11178, LWP 11181
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 210027 F5 V V=3.76 (B-V)=0.44 E(B-V)=-0.01**

**LAP: LWP 11109**

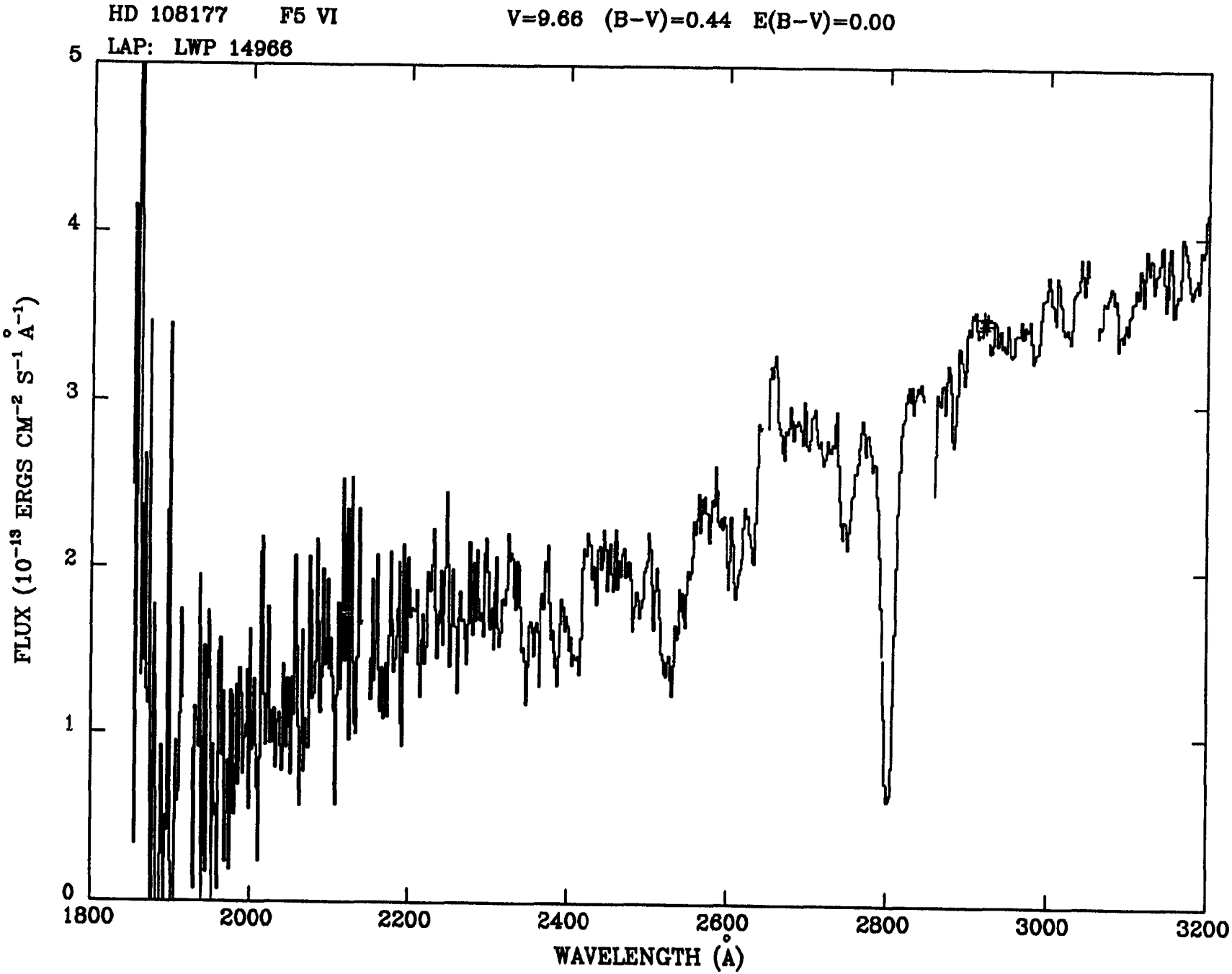
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1978 | 1.48E-11 | 2080 | 2.87E-11 | 2182 | 2.09E-11 | 2284 | 2.26E-11 | 2386 | 1.15E-11 | 2488 | 1.73E-11 | 2590 | 2.60E-11 | 2692 | 4.19E-11 | 2794 | 1.82E-11 | 2896 | 5.54E-11 | 2998 | 6.70E-11 | 3100 | 6.76E-11 |
| 1980 | 1.96E-11 | 2082 | 2.07E-11 | 2184 | 2.61E-11 | 2286 | 2.37E-11 | 2388 | 1.53E-11 | 2490 | 1.45E-11 | 2592 | 2.74E-11 | 2694 | 4.00E-11 | 2796 | 1.33E-11 | 2898 | 5.99E-11 | 3000 | 6.41E-11 | 3102 | 6.84E-11 |
| 1982 | 2.26E-11 | 2084 | 2.35E-11 | 2186 | 3.26E-11 | 2288 | 2.20E-11 | 2390 | 1.52E-11 | 2492 | 1.45E-11 | 2594 | 2.76E-11 | 2696 | 4.04E-11 | 2798 | 1.06E-11 | 2900 | 6.22E-11 | 3002 | 6.16E-11 | 3104 | 7.09E-11 |
| 1984 | 1.36E-11 | 2086 | 2.81E-11 | 2188 | 3.28E-11 | 2290 | 2.56E-11 | 2392 | 1.58E-11 | 2494 | 1.42E-11 | 2596 | 2.51E-11 | 2698 | 4.07E-11 | 2800 | 9.77E-12 | 2902 | 6.48E-11 | 3004 | 6.13E-11 | 3106 | 7.45E-11 |
| 1986 | 7.13E-12 | 2088 | 2.12E-11 | 2190 | 2.21E-11 | 2292 | 2.04E-11 | 2394 | 1.57E-11 | 2496 | 1.67E-11 | 2598 | 2.17E-11 | 2700 | 4.13E-11 | 2802 | 9.66E-12 | 2904 | 6.87E-11 | 3006 | 6.32E-11 | 3108 | 7.84E-11 |
| 1988 | 9.82E-12 | 2090 | 2.46E-11 | 2192 | 1.54E-11 | 2294 | 2.81E-11 | 2396 | 1.49E-11 | 2498 | 2.03E-11 | 2600 | 1.81E-11 | 2702 | 4.25E-11 | 2804 | 1.03E-11 | 2906 | 6.88E-11 | 3008 | 6.67E-11 | 3110 | 8.13E-11 |
| 1990 | 1.43E-11 | 2092 | 3.47E-11 | 2194 | 1.96E-11 | 2296 | 3.06E-11 | 2398 | 1.44E-11 | 2500 | 2.15E-11 | 2602 | 1.67E-11 | 2704 | 4.44E-11 | 2806 | 1.18E-11 | 2908 | 6.62E-11 | 3010 | 6.98E-11 | 3112 | 8.27E-11 |
| 1992 | 1.66E-11 | 2094 | 1.59E-11 | 2196 | 2.36E-11 | 2298 | 2.27E-11 | 2400 | 1.53E-11 | 2502 | 2.40E-11 | 2604 | 1.79E-11 | 2706 | 4.49E-11 | 2808 | 1.54E-11 | 2910 | 6.35E-11 | 3012 | 6.94E-11 | 3114 | 8.29E-11 |
| 1994 | 2.18E-11 | 2096 | 8.74E-12 | 2198 | 2.73E-11 | 2300 | 2.13E-11 | 2402 | 1.32E-11 | 2504 | 2.33E-11 | 2606 | 2.01E-11 | 2708 | 4.40E-11 | 2810 | 2.16E-11 | 2912 | 6.23E-11 | 3014 | 6.86E-11 | 3116 | 7.97E-11 |
| 1996 | 2.03E-11 | 2098 | 2.00E-11 | 2200 | 2.85E-11 | 2302 | 2.39E-11 | 2404 | 1.33E-11 | 2506 | 1.99E-11 | 2608 | 1.89E-11 | 2710 | 4.22E-11 | 2812 | 2.69E-11 | 2914 | 6.26E-11 | 3016 | 6.84E-11 | 3118 | 7.51E-11 |
| 1998 | 4.96E-12 | 2100 | 2.34E-11 | 2202 | 3.31E-11 | 2304 | 2.18E-11 | 2406 | 1.25E-11 | 2508 | 2.03E-11 | 2610 | 1.80E-11 | 2712 | 4.06E-11 | 2814 | 3.18E-11 | 2916 | 6.21E-11 | 3018 | 6.57E-11 | 3120 | 7.16E-11 |
| 2000 | 9.92E-12 | 2102 | 2.88E-11 | 2204 | 3.86E-11 | 2306 | 2.08E-11 | 2408 | 1.35E-11 | 2510 | 2.23E-11 | 2612 | 1.76E-11 | 2714 | 4.01E-11 | 2816 | 3.67E-11 | 2918 | 6.11E-11 | 3020 | 6.47E-11 | 3122 | 6.88E-11 |
| 2002 | 1.07E-11 | 2104 | 2.34E-11 | 2206 | 3.52E-11 | 2308 | 2.55E-11 | 2410 | 1.31E-11 | 2512 | 2.14E-11 | 2614 | 1.68E-11 | 2716 | 4.03E-11 | 2818 | 4.06E-11 | 2920 | 6.22E-11 | 3022 | 6.66E-11 | 3124 | 6.84E-11 |
| 2004 | 1.56E-11 | 2106 | 1.92E-11 | 2208 | 2.74E-11 | 2310 | 2.69E-11 | 2412 | 1.24E-11 | 2514 | 1.95E-11 | 2616 | 1.65E-11 | 2718 | 3.91E-11 | 2820 | 4.39E-11 | 2922 | 6.15E-11 | 3024 | 7.00E-11 | 3126 | 7.19E-11 |
| 2006 | 9.42E-12 | 2108 | 1.45E-11 | 2210 | 2.66E-11 | 2312 | 2.35E-11 | 2414 | 1.13E-11 | 2516 | 1.69E-11 | 2618 | 1.90E-11 | 2720 | 3.85E-11 | 2822 | 4.81E-11 | 2924 | 5.91E-11 | 3026 | 7.28E-11 | 3128 | 7.46E-11 |
| 2008 | -5.86E-13 | 2110 | 2.47E-11 | 2212 | 1.89E-11 | 2314 | 2.30E-11 | 2416 | 1.41E-11 | 2518 | 1.44E-11 | 2620 | 2.22E-11 | 2722 | 3.83E-11 | 2824 | 5.22E-11 | 2926 | 5.77E-11 | 3028 | 7.46E-11 | 3130 | 7.48E-11 |
| 2010 | 8.72E-12 | 2112 | 3.04E-11 | 2214 | 2.48E-11 | 2316 | 2.62E-11 | 2418 | 1.62E-11 | 2520 | 1.44E-11 | 2622 | 2.43E-11 | 2724 | 3.75E-11 | 2826 | 5.39E-11 | 2928 | 5.75E-11 | 3030 | 7.65E-11 | 3132 | 7.35E-11 |
| 2012 | 1.33E-11 | 2114 | 2.04E-11 | 2216 | 2.48E-11 | 2318 | 2.45E-11 | 2420 | 1.81E-11 | 2522 | 1.26E-11 | 2624 | 2.50E-11 | 2726 | 3.76E-11 | 2828 | 5.37E-11 | 2930 | 5.84E-11 | 3032 | 7.67E-11 | 3134 | 7.22E-11 |
| 2014 | 3.25E-11 | 2116 | 2.58E-11 | 2218 | 2.50E-11 | 2320 | 2.06E-11 | 2422 | 2.11E-11 | 2524 | 1.22E-11 | 2626 | 2.46E-11 | 2728 | 3.63E-11 | 2830 | 5.18E-11 | 2932 | 6.17E-11 | 3034 | 7.65E-11 | 3136 | 7.37E-11 |
| 2016 | 2.57E-11 | 2118 | 2.77E-11 | 2220 | 2.30E-11 | 2322 | 2.60E-11 | 2424 | 2.17E-11 | 2526 | 1.31E-11 | 2628 | 2.27E-11 | 2730 | 3.80E-11 | 2832 | 5.19E-11 | 2934 | 6.28E-11 | 3036 | 7.66E-11 | 3138 | 7.68E-11 |
| 2018 | 8.04E-12 | 2120 | 3.34E-11 | 2222 | 2.52E-11 | 2324 | 2.94E-11 | 2426 | 2.34E-11 | 2528 | 1.22E-11 | 2630 | 2.11E-11 | 2732 | 3.98E-11 | 2834 | 5.31E-11 | 2936 | 6.27E-11 | 3038 | 7.50E-11 | 3140 | 7.88E-11 |
| 2020 | 1.18E-11 | 2122 | 3.47E-11 | 2224 | 2.65E-11 | 2326 | 2.80E-11 | 2428 | 2.39E-11 | 2530 | 1.20E-11 | 2632 | 1.99E-11 | 2734 | 4.03E-11 | 2836 | 5.07E-11 | 2938 | 6.15E-11 | 3040 | 7.32E-11 | 3142 | 7.71E-11 |
| 2022 | 2.25E-11 | 2124 | | 2226 | 2.73E-11 | 2328 | 2.62E-11 | 2430 | 2.29E-11 | 2532 | 1.38E-11 | 2634 | 2.12E-11 | 2736 | 3.87E-11 | 2838 | 4.93E-11 | 2940 | 5.99E-11 | 3042 | 7.34E-11 | 3144 | 7.41E-11 |
| 2024 | 1.81E-11 | 2126 | | 2228 | 2.86E-11 | 2330 | 2.48E-11 | 2432 | 2.30E-11 | 2534 | 1.40E-11 | 2636 | 2.70E-11 | 2738 | 3.46E-11 | 2840 | 4.97E-11 | 2942 | 6.00E-11 | 3044 | 7.33E-11 | 3146 | 7.33E-11 |
| 2026 | 9.49E-12 | 2128 | 2.67E-11 | 2230 | 3.20E-11 | 2332 | 2.21E-11 | 2434 | 2.12E-11 | 2536 | 1.16E-11 | 2638 | 3.52E-11 | 2740 | 2.95E-11 | 2842 | 4.92E-11 | 2944 | 6.08E-11 | 3046 | 7.34E-11 | 3148 | 7.45E-11 |
| 2028 | 1.23E-11 | 2130 | 1.94E-11 | 2232 | 3.09E-11 | 2334 | 2.22E-11 | 2436 | 1.98E-11 | 2538 | 1.20E-11 | 2640 | 4.10E-11 | 2742 | 2.51E-11 | 2844 | 4.83E-11 | 2946 | 6.12E-11 | 3048 | 7.53E-11 | 3150 | 7.51E-11 |
| 2030 | 1.97E-11 | 2132 | 1.79E-11 | 2234 | 2.40E-11 | 2336 | 2.37E-11 | 2438 | 2.53E-11 | 2540 | 1.33E-11 | 2642 | 4.31E-11 | 2744 | 2.40E-11 | 2846 | | 2948 | 6.15E-11 | 3050 | 7.62E-11 | 3152 | 7.43E-11 |
| 2032 | 8.99E-12 | 2134 | 1.28E-11 | 2236 | 2.58E-11 | 2338 | 1.86E-11 | 2440 | 2.48E-11 | 2542 | 1.47E-11 | 2644 | 4.72E-11 | 2746 | 2.48E-11 | 2848 | | 2950 | 6.06E-11 | 3052 | | 3154 | 7.18E-11 |
| 2034 | 1.87E-11 | 2136 | 1.33E-11 | 2238 | 2.95E-11 | 2340 | 1.43E-11 | 2442 | 2.15E-11 | 2544 | 1.49E-11 | 2646 | 4.88E-11 | 2748 | 2.52E-11 | 2850 | | 2952 | 5.95E-11 | 3054 | | 3156 | 7.08E-11 |
| 2036 | 2.03E-11 | 2138 | 1.73E-11 | 2240 | 3.14E-11 | 2342 | 1.32E-11 | 2444 | 2.37E-11 | 2546 | 1.49E-11 | 2648 | 4.71E-11 | 2750 | 2.40E-11 | 2852 | | 2954 | 6.18E-11 | 3056 | | 3158 | 6.97E-11 |
| 2038 | 1.34E-11 | 2140 | 2.02E-11 | 2242 | 3.14E-11 | 2344 | 1.49E-11 | 2446 | 2.38E-11 | 2548 | 1.55E-11 | 2650 | 4.53E-11 | 2752 | 2.45E-11 | 2854 | | 2956 | 6.39E-11 | 3058 | | 3160 | 7.02E-11 |
| 2040 | 9.56E-12 | 2142 | 2.31E-11 | 2244 | 2.47E-11 | 2346 | 1.34E-11 | 2448 | 2.28E-11 | 2550 | 1.44E-11 | 2652 | 4.45E-11 | 2754 | 2.74E-11 | 2856 | 3.87E-11 | 2958 | 6.72E-11 | 3060 | | 3162 | 7.17E-11 |
| 2042 | 2.04E-11 | 2144 | 2.43E-11 | 2246 | 2.67E-11 | 2348 | 1.07E-11 | 2450 | 2.19E-11 | 2552 | 1.53E-11 | 2654 | 4.43E-11 | 2756 | 2.90E-11 | 2858 | 4.23E-11 | 2960 | 6.89E-11 | 3062 | 7.07E-11 | 3164 | 7.41E-11 |
| 2044 | 2.04E-11 | 2146 | 2.71E-11 | 2248 | 2.98E-11 | 2350 | 1.41E-11 | 2452 | 2.15E-11 | 2554 | 1.72E-11 | 2656 | 4.54E-11 | 2758 | 2.90E-11 | 2860 | 4.96E-11 | 2962 | 6.69E-11 | 3064 | 7.00E-11 | 3166 | 7.64E-11 |
| 2046 | 1.04E-11 | 2148 | 3.25E-11 | 2250 | 2.56E-11 | 2352 | 1.31E-11 | 2454 | 1.84E-11 | 2556 | 1.93E-11 | 2658 | 4.86E-11 | 2760 | 3.04E-11 | 2862 | 5.43E-11 | 2964 | 6.41E-11 | 3066 | 7.08E-11 | 3168 | 7.79E-11 |
| 2048 | 9.70E-12 | 2150 | 2.47E-11 | 2252 | 2.40E-11 | 2354 | 1.53E-11 | 2456 | 1.57E-11 | 2558 | 2.28E-11 | 2660 | 4.85E-11 | 2762 | 3.44E-11 | 2864 | 5.50E-11 | 2966 | 6.25E-11 | 3068 | 7.16E-11 | 3170 | 8.11E-11 |
| 2050 | 1.30E-11 | 2152 | 2.21E-11 | 2254 | 2.83E-11 | 2356 | 1.56E-11 | 2458 | 1.64E-11 | 2560 | 2.22E-11 | 2662 | 4.57E-11 | 2764 | 3.72E-11 | 2866 | 5.38E-11 | 2968 | 6.19E-11 | 3070 | 7.25E-11 | 3172 | 8.45E-11 |
| 2052 | 2.08E-11 | 2154 | 2.51E-11 | 2256 | 2.78E-11 | 2358 | 2.15E-11 | 2460 | 1.76E-11 | 2562 | 2.17E-11 | 2664 | 4.32E-11 | 2766 | 3.83E-11 | 2868 | 5.18E-11 | 2970 | 6.10E-11 | 3072 | 7.47E-11 | 3174 | 8.47E-11 |
| 2054 | 2.88E-11 | 2156 | 1.93E-11 | 2258 | 2.48E-11 | 2360 | 1.93E-11 | 2462 | 1.51E-11 | 2564 | 2.11E-11 | 2666 | 3.87E-11 | 2768 | 3.90E-11 | 2870 | 5.02E-11 | 2972 | 6.16E-11 | 3074 | 7.44E-11 | 3176 | 8.07E-11 |
| 2056 | 3.08E-11 | 2158 | 2.28E-11 | 2260 | 2.38E-11 | 2362 | 1.71E-11 | 2464 | 1.63E-11 | 2566 | 2.12E-11 | 2668 | 3.73E-11 | 2770 | 3.91E-11 | 2872 | 5.16E-11 | 2974 | 6.44E-11 | 3076 | 7.29E-11 | 3178 | 7.48E-11 |
| 2058 | 2.78E-11 | 2160 | 2.75E-11 | 2262 | 2.41E-11 | 2364 | 1.30E-11 | 2466 | 1.80E-11 | 2568 | 2.25E-11 | 2670 | 3.84E-11 | 2772 | 4.05E-11 | 2874 | 5.44E-11 | 2976 | 6.78E-11 | 3078 | 7.14E-11 | 3180 | 6.95E-11 |
| 2060 | 1.96E-11 | 2162 | 2.23E-11 | 2264 | 2.56E-11 | 2366 | 1.44E-11 | 2468 | 1.77E-11 | 2570 | 2.42E-11 | 2672 | 3.88E-11 | 2774 | 4.16E-11 | 2876 | 5.47E-11 | 2978 | 6.96E-11 | 3080 | 7.19E-11 | 3182 | 6.94E-11 |
| 2062 | 1.15E-11 | 2164 | 1.99E-11 | 2266 | 2.40E-11 | 2368 | 1.57E-11 | 2470 | 1.78E-11 | 2572 | 2.67E-11 | 2674 | 3.99E-11 | 2776 | 4.23E-11 | 2878 | 5.17E-11 | 2980 | 6.81E-11 | 3082 | 7.36E-11 | 3184 | 7.14E-11 |
| 2064 | 1.55E-11 | 2166 | 2.01E-11 | 2268 | 1.94E-11 | 2370 | 1.55E-11 | 2472 | 1.85E-11 | 2574 | 2.83E-11 | 2676 | 4.19E-11 | 2778 | 4.10E-11 | 2880 | 4.85E-11 | 2982 | 6.32E-11 | 3084 | 7.48E-11 | 3186 | 7.31E-11 |
| 2066 | 1.75E-11 | 2168 | 1.74E-11 | 2270 | 1.57E-11 | 2372 | 1.62E-11 | 2474 | 1.86E-11 | 2576 | 2.72E-11 | 2678 | 4.41E-11 | 2780 | 3.73E-11 | 2882 | 4.79E-11 | 2984 | 5.97E-11 | 3086 | 7.48E-11 | 3188 | 7.42E-11 |
| 2068 | 1.04E-11 | 2170 | 2.03E-11 | 2272 | 1.68E-11 | 2374 | 1.85E-11 | 2476 | 2.10E-11 | 2578 | 2.53E-11 | 2680 | 4.37E-11 | 2782 | 3.32E-11 | 2884 | 4.96E-11 | 2986 | 5.70E-11 | 3088 | 7.40E-11 | 3190 | 7.22E-11 |
| 2070 | 1.85E-11 | 2172 | 2.10E-11 | 2274 | 2.32E-11 | 2376 | 1.86E-11 | 2478 | 2.19E-11 | 2580 | 2.57E-11 | 2682 | 4.17E-11 | 2784 | 3.18E-11 | 2886 | 5.40E-11 | 2988 | 5.78E-11 | 3090 | 7.20E-11 | 3192 | 6.96E-11 |
| 2072 | 1.95E-11 | 2174 | 2.40E-11 | 2276 | 2.35E-11 | 2378 | 1.55E-11 | 2480 | 1.90E-11 | 2582 | 2.50E-11 | 2684 | 4.12E-11 | 2786 | 3.08E-11 | 2888 | 5.75E-11 | 2990 | 6.12E-11 | 3092 | 6.81E-11 | 3194 | 7.08E-11 |
| 2074 | 2.85E-11 | 2176 | 2.24E-11 | 2278 | 1.80E-11 | 2380 | 1.59E-11 | 2482 | 1.73E-11 | 2584 | 2.76E-11 | 2686 | 4.19E-11 | 2788 | 3.00E-11 | 2890 | 5.63E-11 | 2992 | 6.38E-11 | 3094 | 6.81E-11 | 3196 | 7.46E-11 |
| 2076 | 3.63E-11 | 2178 | 2.22E-11 | 2280 | 1.97E-11 | 2382 | 1.20E-11 | 2484 | 1.70E-11 | 2586 | 2.63E-11 | 2688 | 4.22E-11 | 2790 | 2.76E-11 | 2892 | 5.42E-11 | 2994 | 6.60E-11 | 3096 | 6.89E-11 | 3198 | 7.65E-11 |


HD 210027 F5 V
V=3.76 (B-V)=0.44 E(B-V)=-0.01
LAP: LWP 11109
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 108177 F5 VI V=9.66 (B-V)=0.44 E(B-V)=0.00**

**LAP: LWP 14966**

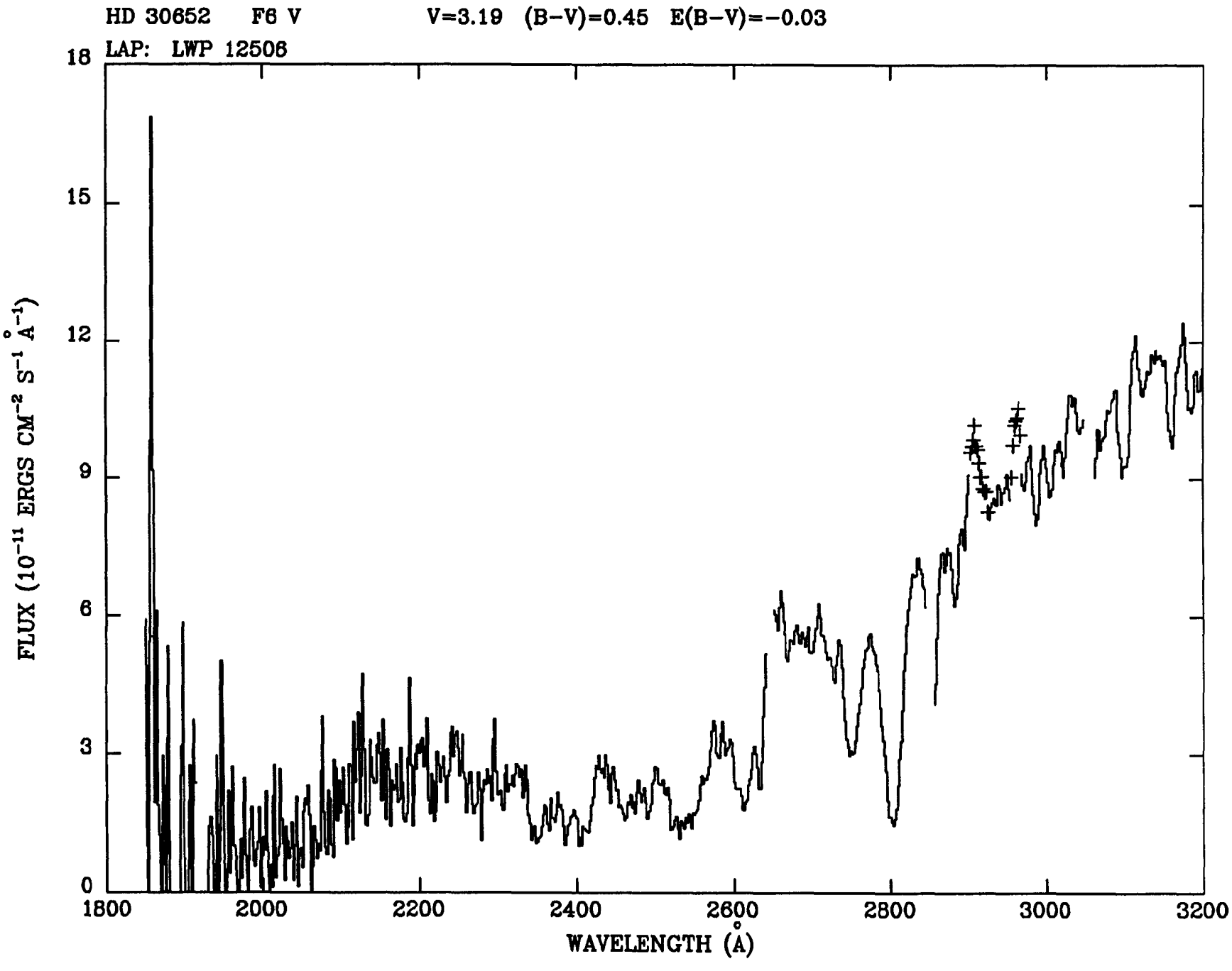
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 8.29E-14 | 2078 | 1.96E-13 | 2180 | 1.66E-13 | 2282 | 1.89E-13 | 2384 | 1.48E-13 | 2486 | 1.76E-13 | 2588 | 2.41E-13 | 2690 | 2.89E-13 | 2792 | 1.95E-13 | 2894 | 3.21E-13 | 2996 | 3.63E-13 | 3098 | 3.48E-13 |
| 1978 | 1.24E-13 | 2080 | 1.51E-13 | 2182 | 1.39E-13 | 2284 | 1.79E-13 | 2386 | 1.38E-13 | 2488 | 1.85E-13 | 2590 | 2.28E-13 | 2692 | 2.85E-13 | 2794 | 1.63E-13 | 2896 | 3.13E-13 | 2998 | 3.68E-13 | 3100 | 3.46E-13 |
| 1980 | 6.95E-14 | 2082 | 1.23E-13 | 2184 | 1.49E-13 | 2286 | 2.00E-13 | 2388 | 1.36E-13 | 2490 | 1.83E-13 | 2592 | 2.28E-13 | 2694 | 2.77E-13 | 2796 | 1.27E-13 | 2898 | 3.27E-13 | 3000 | 3.75E-13 | 3102 | 3.54E-13 |
| 1982 | 7.50E-14 | 2084 | 1.38E-13 | 2186 | 1.64E-13 | 2288 | 1.86E-13 | 2390 | 1.56E-13 | 2492 | 1.71E-13 | 2594 | 2.28E-13 | 2696 | 3.00E-13 | 2798 | 8.64E-14 | 2900 | 3.43E-13 | 3002 | 3.72E-13 | 3104 | 3.57E-13 |
| 1984 | 1.22E-13 | 2086 | 1.99E-13 | 2188 | 1.85E-13 | 2290 | 1.70E-13 | 2392 | 1.74E-13 | 2494 | 1.78E-13 | 2596 | 2.29E-13 | 2698 | 2.92E-13 | 2800 | 6.52E-14 | 2902 | 3.45E-13 | 3004 | 3.62E-13 | 3106 | 3.62E-13 |
| 1986 | 7.25E-14 | 2088 | 1.75E-13 | 2190 | 1.60E-13 | 2292 | 1.73E-13 | 2394 | 1.79E-13 | 2496 | 1.85E-13 | 2598 | 2.29E-13 | 2700 | 2.75E-13 | 2802 | 6.31E-14 | 2904 | 3.45E-13 | 3006 | 3.60E-13 | 3108 | 3.66E-13 |
| 1988 | 1.38E-13 | 2090 | 1.18E-13 | 2192 | 1.00E-13 | 2294 | 1.62E-13 | 2396 | 1.69E-13 | 2498 | 1.99E-13 | 2600 | 2.08E-13 | 2702 | 2.75E-13 | 2804 | 6.58E-14 | 2906 | 3.53E-13 | 3008 | 3.52E-13 | 3110 | 3.67E-13 |
| 1990 | 1.17E-13 | 2092 | 1.36E-13 | 2194 | 1.60E-13 | 2296 | 2.11E-13 | 2398 | 1.69E-13 | 2500 | 2.03E-13 | 2602 | 1.92E-13 | 2704 | 2.83E-13 | 2806 | 8.07E-14 | 2908 | 3.54E-13 | 3010 | 3.52E-13 | 3112 | 3.65E-13 |
| 1992 | 8.03E-14 | 2094 | 1.93E-13 | 2196 | 2.07E-13 | 2298 | 2.14E-13 | 2400 | 1.67E-13 | 2502 | 2.11E-13 | 2604 | 2.03E-13 | 2706 | 2.93E-13 | 2808 | 1.20E-13 | 2910 | 3.50E-13 | 3012 | 3.76E-13 | 3114 | 3.76E-13 |
| 1994 | 9.95E-14 | 2096 | 1.44E-13 | 2198 | 1.65E-13 | 2300 | 1.89E-13 | 2402 | 1.54E-13 | 2504 | 2.18E-13 | 2606 | 2.31E-13 | 2708 | 2.95E-13 | 2810 | 1.67E-13 | 2912 | 3.42E-13 | 3014 | 3.70E-13 | 3116 | 3.78E-13 |
| 1996 | 1.15E-13 | 2098 | 1.66E-13 | 2200 | 1.92E-13 | 2302 | 1.65E-13 | 2404 | 1.58E-13 | 2506 | 2.03E-13 | 2608 | 2.15E-13 | 2710 | 2.91E-13 | 2812 | 2.07E-13 | 2914 | 3.42E-13 | 3016 | 3.61E-13 | 3118 | 3.64E-13 |
| 1998 | 1.09E-13 | 2100 | 1.77E-13 | 2202 | 1.92E-13 | 2304 | 1.71E-13 | 2406 | 1.43E-13 | 2508 | 1.76E-13 | 2610 | 1.92E-13 | 2712 | 2.80E-13 | 2814 | 2.41E-13 | 2916 | 3.42E-13 | 3018 | 3.55E-13 | 3120 | 3.74E-13 |
| 2000 | 1.20E-13 | 2102 | 1.45E-13 | 2204 | 1.73E-13 | 2306 | 1.65E-13 | 2408 | 1.48E-13 | 2510 | 1.78E-13 | 2612 | 1.84E-13 | 2714 | 2.75E-13 | 2816 | 2.67E-13 | 2918 | | 3020 | 3.45E-13 | 3122 | 3.92E-13 |
| 2002 | 1.01E-13 | 2104 | 1.47E-13 | 2206 | 1.76E-13 | 2308 | 1.71E-13 | 2410 | 1.47E-13 | 2512 | 1.96E-13 | 2614 | 1.92E-13 | 2716 | 2.77E-13 | 2818 | 2.85E-13 | 2920 | | 3022 | 3.44E-13 | 3124 | 3.84E-13 |
| 2004 | 1.10E-13 | 2106 | 1.24E-13 | 2208 | 1.75E-13 | 2310 | 1.99E-13 | 2412 | 1.46E-13 | 2514 | 1.92E-13 | 2616 | 1.99E-13 | 2718 | 2.71E-13 | 2820 | 2.91E-13 | 2922 | | 3024 | 3.45E-13 | 3126 | 3.80E-13 |
| 2006 | 1.30E-13 | 2108 | 8.29E-14 | 2210 | 1.76E-13 | 2312 | 1.79E-13 | 2414 | 1.45E-13 | 2516 | 1.75E-13 | 2618 | 2.03E-13 | 2720 | 2.64E-13 | 2822 | 2.97E-13 | 2924 | | 3026 | 3.44E-13 | 3128 | 3.87E-13 |
| 2008 | 9.00E-14 | 2110 | 1.00E-13 | 2212 | 1.78E-13 | 2314 | 1.56E-13 | 2416 | 1.44E-13 | 2518 | 1.53E-13 | 2620 | 2.15E-13 | 2722 | 2.67E-13 | 2824 | 3.05E-13 | 2926 | 3.36E-13 | 3028 | 3.39E-13 | 3130 | 3.82E-13 |
| 2010 | 6.12E-14 | 2112 | 1.62E-13 | 2214 | 1.37E-13 | 2316 | 1.60E-13 | 2418 | 1.75E-13 | 2520 | 1.46E-13 | 2622 | 2.32E-13 | 2724 | 2.71E-13 | 2826 | 3.09E-13 | 2928 | 3.31E-13 | 3030 | 3.44E-13 | 3132 | 3.70E-13 |
| 2012 | 3.93E-14 | 2114 | 1.40E-13 | 2216 | 1.35E-13 | 2318 | 1.78E-13 | 2420 | 2.06E-13 | 2522 | 1.38E-13 | 2624 | 2.34E-13 | 2726 | 2.78E-13 | 2828 | 3.05E-13 | 2930 | 3.33E-13 | 3032 | 3.61E-13 | 3134 | 3.75E-13 |
| 2014 | 1.22E-13 | 2116 | 1.67E-13 | 2218 | 1.63E-13 | 2320 | 1.82E-13 | 2422 | 2.11E-13 | 2524 | 1.37E-13 | 2626 | 2.32E-13 | 2728 | 2.73E-13 | 2830 | 3.07E-13 | 2932 | 3.41E-13 | 3034 | 3.67E-13 | 3136 | 3.79E-13 |
| 2016 | 2.12E-13 | 2118 | 2.42E-13 | 2220 | 1.59E-13 | 2322 | 1.79E-13 | 2424 | 2.09E-13 | 2526 | 1.45E-13 | 2628 | 2.25E-13 | 2730 | 2.73E-13 | 2832 | 2.97E-13 | 2934 | 3.49E-13 | 3036 | 3.69E-13 | 3138 | 3.82E-13 |
| 2018 | 1.76E-13 | 2120 | 1.49E-13 | 2222 | 1.48E-13 | 2324 | 1.93E-13 | 2426 | 2.17E-13 | 2528 | 1.45E-13 | 2630 | 2.16E-13 | 2732 | 2.76E-13 | 2834 | 3.02E-13 | 2936 | 3.42E-13 | 3038 | 3.70E-13 | 3140 | 3.91E-13 |
| 2020 | 1.08E-13 | 2122 | 2.21E-13 | 2224 | 1.80E-13 | 2326 | 2.18E-13 | 2428 | 2.17E-13 | 2530 | 1.31E-13 | 2632 | 2.07E-13 | 2734 | 2.81E-13 | 2836 | 3.06E-13 | 2938 | 3.37E-13 | 3040 | 3.77E-13 | 3142 | 3.95E-13 |
| 2022 | 1.06E-13 | 2124 | 2.15E-13 | 2226 | 1.91E-13 | 2328 | 2.06E-13 | 2430 | 2.15E-13 | 2532 | 1.31E-13 | 2634 | 2.04E-13 | 2736 | 2.92E-13 | 2838 | 3.10E-13 | 2940 | 3.42E-13 | 3042 | 3.86E-13 | 3144 | 3.79E-13 |
| 2024 | 1.52E-13 | 2126 | 1.08E-13 | 2228 | 1.86E-13 | 2330 | 2.08E-13 | 2432 | 1.97E-13 | 2534 | 1.54E-13 | 2636 | 2.29E-13 | 2738 | 2.78E-13 | 2840 | 3.09E-13 | 2942 | 3.38E-13 | 3044 | 3.75E-13 | 3146 | 3.61E-13 |
| 2026 | 1.23E-13 | 2128 | 1.79E-13 | 2230 | 1.99E-13 | 2332 | 1.97E-13 | 2434 | 2.01E-13 | 2536 | 1.63E-13 | 2638 | 2.65E-13 | 2740 | 2.50E-13 | 2842 | 3.11E-13 | 2944 | 3.36E-13 | 3046 | 3.69E-13 | 3148 | 3.64E-13 |
| 2028 | 1.08E-13 | 2130 | 2.15E-13 | 2232 | 2.20E-13 | 2334 | 1.79E-13 | 2436 | 1.89E-13 | 2538 | 1.61E-13 | 2640 | 2.87E-13 | 2742 | 2.32E-13 | 2844 | 3.06E-13 | 2946 | 3.34E-13 | 3048 | 3.80E-13 | 3150 | 3.86E-13 |
| 2030 | 9.84E-14 | 2132 | 1.28E-13 | 2234 | 1.78E-13 | 2336 | 1.91E-13 | 2438 | 1.82E-13 | 2540 | 1.79E-13 | 2642 | 2.85E-13 | 2744 | 2.21E-13 | 2846 | 3.03E-13 | 2948 | 3.32E-13 | 3050 | 3.83E-13 | 3152 | 3.94E-13 |
| 2032 | 1.12E-13 | 2134 | 1.04E-13 | 2236 | 1.47E-13 | 2338 | 2.03E-13 | 2440 | 2.12E-13 | 2542 | 1.80E-13 | 2644 | 2.86E-13 | 2746 | 2.27E-13 | 2848 | | 2950 | 3.47E-13 | 3052 | 3.78E-13 | 3154 | 3.76E-13 |
| 2034 | 8.15E-14 | 2136 | 1.25E-13 | 2238 | 1.68E-13 | 2340 | 1.86E-13 | 2442 | 2.11E-13 | 2544 | 1.84E-13 | 2646 | | 2748 | 2.29E-13 | 2850 | | 2952 | 3.40E-13 | 3054 | | 3156 | 3.54E-13 |
| 2036 | 1.08E-13 | 2138 | 2.00E-13 | 2240 | 1.79E-13 | 2342 | 1.58E-13 | 2444 | 2.02E-13 | 2546 | 1.74E-13 | 2648 | | 2750 | 2.14E-13 | 2852 | | 2954 | 3.30E-13 | 3056 | | 3158 | 3.57E-13 |
| 2038 | 1.09E-13 | 2140 | 1.90E-13 | 2242 | 1.87E-13 | 2344 | 1.52E-13 | 2446 | 2.12E-13 | 2548 | 1.66E-13 | 2650 | 2.85E-13 | 2752 | 2.24E-13 | 2854 | | 2956 | 3.29E-13 | 3058 | | 3160 | 3.64E-13 |
| 2040 | 8.93E-14 | 2142 | 1.67E-13 | 2244 | 1.61E-13 | 2346 | 1.46E-13 | 2448 | 2.18E-13 | 2550 | 1.86E-13 | 2652 | 3.02E-13 | 2754 | 2.33E-13 | 2856 | | 2958 | 3.33E-13 | 3060 | | 3162 | 3.66E-13 |
| 2042 | 9.38E-14 | 2144 | | 2246 | 1.84E-13 | 2348 | 1.21E-13 | 2450 | 2.00E-13 | 2552 | 1.99E-13 | 2654 | 3.19E-13 | 2756 | 2.45E-13 | 2858 | 2.46E-13 | 2960 | 3.42E-13 | 3062 | 3.41E-13 | 3164 | 3.70E-13 |
| 2044 | 1.33E-13 | 2146 | | 2248 | 2.21E-13 | 2350 | 1.42E-13 | 2452 | 1.95E-13 | 2554 | 1.95E-13 | 2656 | 3.19E-13 | 2758 | 2.49E-13 | 2860 | 2.62E-13 | 2962 | 3.42E-13 | 3064 | 3.47E-13 | 3166 | 3.88E-13 |
| 2046 | 1.07E-13 | 2148 | | 2250 | 2.24E-13 | 2352 | 1.66E-13 | 2454 | 2.11E-13 | 2556 | 2.01E-13 | 2658 | 3.21E-13 | 2760 | 2.59E-13 | 2862 | 3.01E-13 | 2964 | 3.42E-13 | 3066 | 3.46E-13 | 3168 | 3.99E-13 |
| 2048 | 1.10E-13 | 2150 | | 2252 | 1.68E-13 | 2354 | 1.67E-13 | 2456 | 2.03E-13 | 2558 | 2.15E-13 | 2660 | 3.28E-13 | 2762 | 2.61E-13 | 2864 | 3.03E-13 | 2966 | 3.46E-13 | 3068 | 3.49E-13 | 3170 | 3.94E-13 |
| 2050 | 1.17E-13 | 2152 | 1.41E-13 | 2254 | 1.57E-13 | 2356 | 1.58E-13 | 2458 | 1.90E-13 | 2560 | 2.27E-13 | 2662 | 3.18E-13 | 2764 | 2.69E-13 | 2866 | 3.00E-13 | 2968 | 3.44E-13 | 3070 | 3.62E-13 | 3172 | 3.89E-13 |
| 2052 | 8.71E-14 | 2154 | 1.35E-13 | 2256 | 1.89E-13 | 2358 | 1.53E-13 | 2460 | 2.13E-13 | 2562 | 2.26E-13 | 2664 | 2.90E-13 | 2766 | 2.79E-13 | 2868 | 3.11E-13 | 2970 | 3.41E-13 | 3072 | 3.61E-13 | 3174 | 3.81E-13 |
| 2054 | 1.14E-13 | 2156 | 1.78E-13 | 2258 | 1.74E-13 | 2360 | 1.66E-13 | 2462 | 2.23E-13 | 2564 | 2.38E-13 | 2666 | 2.85E-13 | 2768 | 2.88E-13 | 2870 | 3.08E-13 | 2972 | 3.46E-13 | 3074 | 3.61E-13 | 3176 | 3.71E-13 |
| 2056 | 1.17E-13 | 2158 | 1.39E-13 | 2260 | 1.65E-13 | 2362 | 1.65E-13 | 2464 | 1.92E-13 | 2566 | 2.33E-13 | 2668 | 2.80E-13 | 2770 | 2.86E-13 | 2872 | 3.00E-13 | 2974 | 3.45E-13 | 3076 | 3.65E-13 | 3178 | 3.66E-13 |
| 2058 | 1.88E-13 | 2160 | 1.74E-13 | 2262 | 1.29E-13 | 2364 | 1.46E-13 | 2466 | 2.05E-13 | 2568 | 2.30E-13 | 2670 | 2.71E-13 | 2772 | 2.73E-13 | 2874 | 3.18E-13 | 2976 | 3.45E-13 | 3078 | 3.68E-13 | 3180 | 3.67E-13 |
| 2060 | 1.61E-13 | 2162 | 1.77E-13 | 2264 | 1.69E-13 | 2366 | 1.59E-13 | 2468 | 1.98E-13 | 2570 | 2.40E-13 | 2672 | 2.71E-13 | 2774 | 2.79E-13 | 2876 | 3.22E-13 | 2978 | 3.50E-13 | 3080 | 3.70E-13 | 3182 | 3.72E-13 |
| 2062 | 1.06E-13 | 2164 | 1.26E-13 | 2266 | 1.84E-13 | 2368 | 1.84E-13 | 2470 | 2.10E-13 | 2572 | 2.44E-13 | 2674 | 2.83E-13 | 2776 | 2.82E-13 | 2878 | 3.12E-13 | 2980 | 3.38E-13 | 3082 | 3.65E-13 | 3184 | 3.73E-13 |
| 2064 | 5.92E-14 | 2166 | 1.28E-13 | 2268 | 1.69E-13 | 2370 | 1.79E-13 | 2472 | 2.07E-13 | 2574 | 2.37E-13 | 2676 | 2.84E-13 | 2778 | 2.77E-13 | 2880 | 2.92E-13 | 2982 | 3.26E-13 | 3084 | 3.63E-13 | 3186 | 3.74E-13 |
| 2066 | 1.04E-13 | 2168 | 1.20E-13 | 2270 | 1.66E-13 | 2372 | 1.97E-13 | 2474 | 1.96E-13 | 2576 | 2.34E-13 | 2678 | 2.92E-13 | 2780 | 2.70E-13 | 2882 | 2.77E-13 | 2984 | 3.28E-13 | 3086 | 3.59E-13 | 3188 | 3.71E-13 |
| 2068 | 1.45E-13 | 2170 | 1.15E-13 | 2272 | 1.53E-13 | 2374 | 2.00E-13 | 2476 | 2.00E-13 | 2578 | 2.18E-13 | 2680 | 2.94E-13 | 2782 | 2.61E-13 | 2884 | 2.82E-13 | 2986 | 3.31E-13 | 3088 | 3.39E-13 | 3190 | 3.81E-13 |
| 2070 | 8.55E-14 | 2172 | 1.36E-13 | 2274 | 1.51E-13 | 2376 | 2.13E-13 | 2478 | 2.04E-13 | 2580 | 2.30E-13 | 2682 | 2.83E-13 | 2784 | 2.65E-13 | 2886 | 3.01E-13 | 2988 | 3.33E-13 | 3090 | 3.40E-13 | 3192 | 3.91E-13 |
| 2072 | 1.04E-13 | 2174 | 1.16E-13 | 2276 | 1.89E-13 | 2378 | 1.80E-13 | 2480 | 1.98E-13 | 2582 | 2.42E-13 | 2684 | 2.85E-13 | 2786 | 2.59E-13 | 2888 | 3.27E-13 | 2990 | 3.43E-13 | 3092 | 3.42E-13 | 3194 | 3.91E-13 |
| 2074 | 9.18E-14 | 2176 | 1.54E-13 | 2278 | 1.92E-13 | 2380 | 1.58E-13 | 2482 | 1.75E-13 | 2584 | 2.43E-13 | 2686 | 2.87E-13 | 2788 | 2.43E-13 | 2890 | 3.33E-13 | 2992 | 3.57E-13 | 3094 | 3.39E-13 | 3196 | 4.03E-13 |
| 2076 | 1.43E-13 | 2178 | 2.05E-13 | 2280 | 1.64E-13 | 2382 | 1.61E-13 | 2484 | 1.68E-13 | 2586 | 2.59E-13 | 2688 | 2.90E-13 | 2790 | 2.26E-13 | 2892 | 3.27E-13 | 2994 | 3.63E-13 | 3096 | 3.45E-13 | 3198 | 4.13E-13 |


HD 108177 F5 VI
V=9.66 (B-V)=0.44 E(B-V)=0.00
LAP: LWP 14966
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 30652 F6 V V=3.19 (B-V)=0.45 E(B-V)=-0.03**

**LAP: LWP 12506**

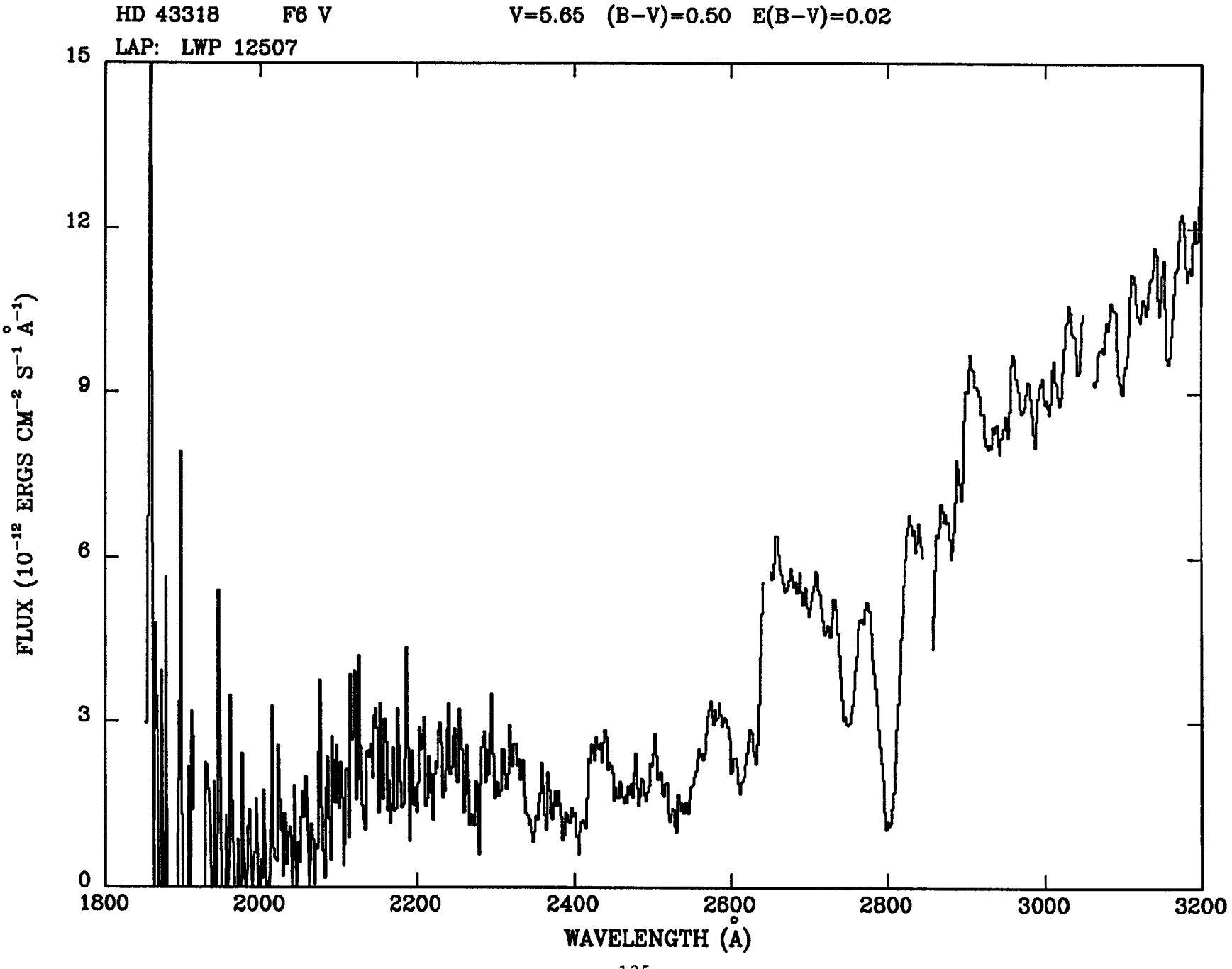
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.96E-11 | 2078 | 2.77E-11 | 2180 | 1.60E-11 | 2282 | 2.34E-11 | 2384 | 1.38E-11 | 2486 | 2.23E-11 | 2588 | 3.19E-11 | 2690 | 5.55E-11 | 2792 | 3.18E-11 | 2894 | 7.59E-11 | 2996 | 9.58E-11 | 3098 | 9.06E-11 |
| 1978 | 1.39E-11 | 2080 | 1.31E-11 | 2182 | 1.57E-11 | 2284 | 2.38E-11 | 2386 | 1.08E-11 | 2488 | 2.04E-11 | 2590 | 3.03E-11 | 2692 | 5.37E-11 | 2794 | 2.84E-11 | 2896 | 7.50E-11 | 2998 | 9.59E-11 | 3100 | 9.26E-11 |
| 1980 | 7.96E-13 | 2082 | 8.73E-12 | 2184 | 1.95E-11 | 2286 | 2.59E-11 | 2388 | 1.31E-11 | 2490 | 1.67E-11 | 2592 | 3.12E-11 | 2694 | 5.56E-11 | 2796 | 2.29E-11 | 2898 | 8.21E-11 | 3000 | 9.33E-11 | 3102 | 9.29E-11 |
| 1982 | 9.48E-12 | 2084 | 1.79E-11 | 2186 | 3.35E-11 | 2288 | 2.44E-11 | 2390 | 1.46E-11 | 2492 | 1.62E-11 | 2594 | 3.23E-11 | 2696 | 5.74E-11 | 2798 | 1.79E-11 | 2900 | 8.73E-11 | 3002 | 9.03E-11 | 3104 | 9.34E-11 |
| 1984 | 1.37E-11 | 2086 | 2.07E-11 | 2188 | 3.99E-11 | 2290 | 2.50E-11 | 2392 | 1.55E-11 | 2494 | 1.77E-11 | 2596 | 3.29E-11 | 2698 | 5.23E-11 | 2800 | 1.65E-11 | 2902 | 9.08E-11 | 3004 | 8.69E-11 | 3106 | 9.67E-11 |
| 1986 | 1.80E-11 | 2088 | 1.23E-11 | 2190 | 2.24E-11 | 2292 | 2.03E-11 | 2394 | 1.66E-11 | 2496 | 1.98E-11 | 2598 | 3.09E-11 | 2700 | 5.22E-11 | 2802 | 1.57E-11 | 2904 | | 3006 | 8.64E-11 | 3108 | 1.04E-10 |
| 1988 | 7.46E-12 | 2090 | 8.12E-12 | 2192 | 1.75E-11 | 2294 | 3.35E-11 | 2396 | 1.74E-11 | 2498 | 2.39E-11 | 2600 | 2.60E-11 | 2702 | 5.29E-11 | 2804 | 1.49E-11 | 2906 | | 3008 | 8.77E-11 | 3110 | 1.13E-10 |
| 1990 | 6.00E-12 | 2092 | 2.77E-11 | 2194 | 2.61E-11 | 2296 | 3.65E-11 | 2398 | 1.71E-11 | 2500 | 2.51E-11 | 2602 | 2.31E-11 | 2704 | 5.57E-11 | 2806 | 1.58E-11 | 2908 | | 3010 | 9.30E-11 | 3112 | 1.17E-10 |
| 1992 | 9.58E-12 | 2094 | 2.65E-11 | 2196 | 2.82E-11 | 2298 | 2.55E-11 | 2400 | 1.63E-11 | 2502 | 2.72E-11 | 2604 | 2.27E-11 | 2706 | 5.85E-11 | 2808 | 1.79E-11 | 2910 | | 3012 | 9.63E-11 | 3114 | 1.20E-10 |
| 1994 | 1.28E-11 | 2096 | 1.69E-11 | 2198 | 3.02E-11 | 2300 | 2.13E-11 | 2402 | 1.16E-11 | 2504 | 2.59E-11 | 2606 | 2.27E-11 | 2708 | 6.13E-11 | 2810 | 2.33E-11 | 2912 | | 3014 | 9.62E-11 | 3116 | 1.19E-10 |
| 1996 | 1.32E-11 | 2098 | 2.29E-11 | 2200 | 3.07E-11 | 2302 | 2.18E-11 | 2404 | 1.17E-11 | 2506 | 2.37E-11 | 2608 | 2.27E-11 | 2710 | 6.11E-11 | 2812 | 2.95E-11 | 2914 | | 3016 | 9.79E-11 | 3118 | 1.15E-10 |
| 1998 | 3.40E-12 | 2100 | 1.84E-11 | 2202 | 3.24E-11 | 2304 | 2.10E-11 | 2406 | 1.05E-11 | 2508 | 2.35E-11 | 2610 | 2.10E-11 | 2712 | 5.76E-11 | 2814 | 3.39E-11 | 2916 | | 3018 | 9.76E-11 | 3120 | 1.12E-10 |
| 2000 | 1.03E-11 | 2102 | 2.37E-11 | 2204 | 3.33E-11 | 2306 | 1.85E-11 | 2408 | 1.42E-11 | 2510 | 2.40E-11 | 2612 | 1.81E-11 | 2714 | 5.59E-11 | 2816 | 4.18E-11 | 2918 | | 3020 | 9.49E-11 | 3122 | 1.09E-10 |
| 2002 | 9.62E-12 | 2104 | 2.38E-11 | 2206 | 2.77E-11 | 2308 | 2.18E-11 | 2410 | 1.39E-11 | 2512 | 2.27E-11 | 2614 | 1.84E-11 | 2716 | 5.50E-11 | 2818 | 4.95E-11 | 2920 | | 3022 | 9.19E-11 | 3124 | 1.08E-10 |
| 2004 | 2.06E-11 | 2106 | 1.52E-11 | 2208 | 3.18E-11 | 2310 | 2.68E-11 | 2412 | 1.34E-11 | 2514 | 2.14E-11 | 2616 | 1.99E-11 | 2718 | 5.28E-11 | 2820 | 5.42E-11 | 2922 | | 3024 | 9.24E-11 | 3126 | 1.10E-10 |
| 2006 | 1.11E-11 | 2108 | 1.26E-11 | 2210 | 3.59E-11 | 2312 | 2.39E-11 | 2414 | 1.33E-11 | 2516 | 2.24E-11 | 2618 | 2.14E-11 | 2720 | 5.10E-11 | 2822 | 5.97E-11 | 2924 | | 3026 | 9.78E-11 | 3128 | 1.12E-10 |
| 2008 | -2.89E-12 | 2110 | 2.23E-11 | 2212 | 1.95E-11 | 2314 | 2.30E-11 | 2416 | 1.38E-11 | 2518 | 2.07E-11 | 2620 | 2.39E-11 | 2722 | 5.11E-11 | 2824 | 6.27E-11 | 2926 | | 3028 | 1.02E-10 | 3130 | 1.13E-10 |
| 2010 | 5.23E-12 | 2112 | 2.76E-11 | 2214 | 1.93E-11 | 2316 | 2.34E-11 | 2418 | 1.68E-11 | 2520 | 1.47E-11 | 2622 | 2.56E-11 | 2724 | 5.09E-11 | 2826 | 6.53E-11 | 2928 | 8.18E-11 | 3030 | 1.07E-10 | 3132 | 1.13E-10 |
| 2012 | 5.15E-12 | 2114 | 1.55E-11 | 2216 | 2.52E-11 | 2318 | 2.51E-11 | 2420 | 1.98E-11 | 2522 | 1.38E-11 | 2624 | 2.87E-11 | 2726 | 4.90E-11 | 2828 | 6.78E-11 | 2930 | 8.41E-11 | 3032 | 1.08E-10 | 3134 | 1.15E-10 |
| 2014 | 2.26E-11 | 2116 | 3.19E-11 | 2218 | 2.12E-11 | 2320 | 2.34E-11 | 2422 | 2.28E-11 | 2524 | 1.45E-11 | 2626 | 3.12E-11 | 2728 | 4.64E-11 | 2830 | 6.89E-11 | 2932 | 8.50E-11 | 3034 | 1.06E-10 | 3136 | 1.17E-10 |
| 2016 | 1.91E-11 | 2118 | 2.59E-11 | 2220 | 1.64E-11 | 2322 | 2.57E-11 | 2424 | 2.63E-11 | 2526 | 1.59E-11 | 2628 | 3.08E-11 | 2730 | 4.67E-11 | 2832 | 6.89E-11 | 2934 | 8.53E-11 | 3036 | 1.08E-10 | 3138 | 1.16E-10 |
| 2018 | 5.12E-12 | 2120 | 3.06E-11 | 2222 | 2.39E-11 | 2324 | 2.79E-11 | 2426 | 2.71E-11 | 2528 | 1.60E-11 | 2630 | 2.81E-11 | 2732 | 5.01E-11 | 2834 | 7.21E-11 | 2936 | 8.43E-11 | 3038 | 1.08E-10 | 3140 | 1.17E-10 |
| 2020 | 8.81E-12 | 2122 | 3.79E-11 | 2224 | 2.89E-11 | 2326 | 2.71E-11 | 2428 | 2.87E-11 | 2530 | 1.33E-11 | 2632 | 2.36E-11 | 2734 | 5.27E-11 | 2836 | 7.27E-11 | 2938 | 8.63E-11 | 3040 | 1.04E-10 | 3142 | 1.17E-10 |
| 2022 | 1.91E-11 | 2124 | 1.84E-11 | 2226 | 2.52E-11 | 2328 | 2.56E-11 | 2430 | 2.76E-11 | 2532 | 1.31E-11 | 2634 | 2.27E-11 | 2736 | 5.45E-11 | 2838 | 7.04E-11 | 2940 | 8.84E-11 | 3042 | 1.01E-10 | 3144 | 1.17E-10 |
| 2024 | 2.02E-11 | 2126 | 2.97E-11 | 2228 | 2.62E-11 | 2330 | 2.49E-11 | 2432 | 2.62E-11 | 2534 | 1.52E-11 | 2636 | 2.79E-11 | 2738 | 5.14E-11 | 2840 | 6.91E-11 | 2942 | 8.59E-11 | 3044 | 1.00E-10 | 3146 | 1.17E-10 |
| 2026 | 1.24E-11 | 2128 | 4.33E-11 | 2230 | 2.88E-11 | 2332 | 2.11E-11 | 2434 | 2.69E-11 | 2536 | 1.44E-11 | 2638 | 3.81E-11 | 2740 | 4.53E-11 | 2842 | 6.65E-11 | 2944 | 8.62E-11 | 3046 | 1.01E-10 | 3148 | 1.16E-10 |
| 2028 | 4.61E-12 | 2130 | 2.61E-11 | 2232 | 2.57E-11 | 2334 | 2.45E-11 | 2436 | 2.52E-11 | 2538 | 1.52E-11 | 2640 | 4.53E-11 | 2742 | 3.92E-11 | 2844 | 6.51E-11 | 2946 | 8.70E-11 | 3048 | 1.02E-10 | 3150 | 1.15E-10 |
| 2030 | 1.20E-11 | 2132 | 1.46E-11 | 2234 | 2.02E-11 | 2336 | 2.60E-11 | 2438 | 2.98E-11 | 2540 | 1.56E-11 | 2642 | 5.19E-11 | 2744 | 3.46E-11 | 2846 | 6.21E-11 | 2948 | 8.81E-11 | 3050 | 1.03E-10 | 3152 | 1.16E-10 |
| 2032 | 1.17E-11 | 2134 | 1.56E-11 | 2236 | 2.50E-11 | 2338 | 2.02E-11 | 2440 | 2.69E-11 | 2542 | 1.64E-11 | 2644 | | 2746 | 3.22E-11 | 2848 | | 2950 | 9.03E-11 | 3052 | | 3154 | 1.11E-10 |
| 2034 | 7.61E-12 | 2136 | 2.49E-11 | 2238 | 2.73E-11 | 2340 | 1.57E-11 | 2442 | 2.18E-11 | 2544 | 1.67E-11 | 2646 | | 2748 | 3.02E-11 | 2850 | | 2952 | 8.80E-11 | 3054 | | 3156 | 1.04E-10 |
| 2036 | 9.89E-12 | 2138 | 3.10E-11 | 2240 | 3.48E-11 | 2342 | 1.26E-11 | 2444 | 2.11E-11 | 2546 | 1.45E-11 | 2648 | | 2750 | 3.08E-11 | 2852 | | 2954 | 8.55E-11 | 3056 | | 3158 | 1.00E-10 |
| 2038 | 1.33E-11 | 2140 | 2.65E-11 | 2242 | 3.44E-11 | 2344 | 1.22E-11 | 2446 | 2.64E-11 | 2548 | 1.68E-11 | 2650 | 6.13E-11 | 2752 | 3.03E-11 | 2854 | | 2956 | | 3058 | | 3160 | 9.80E-11 |
| 2040 | 4.23E-12 | 2142 | 2.41E-11 | 2244 | 3.10E-11 | 2346 | 1.40E-11 | 2448 | 2.62E-11 | 2550 | 1.70E-11 | 2652 | 6.09E-11 | 2754 | 3.08E-11 | 2856 | 4.11E-11 | 2958 | | 3060 | | 3162 | 9.77E-11 |
| 2042 | 1.28E-11 | 2144 | 2.38E-11 | 2246 | 3.45E-11 | 2348 | 1.13E-11 | 2450 | 2.34E-11 | 2552 | 1.75E-11 | 2654 | 5.96E-11 | 2756 | 3.36E-11 | 2858 | 4.39E-11 | 2960 | | 3062 | 9.03E-11 | 3164 | 1.03E-10 |
| 2044 | 1.49E-11 | 2146 | 3.08E-11 | 2248 | 3.34E-11 | 2350 | 1.10E-11 | 2452 | 2.23E-11 | 2554 | 1.82E-11 | 2656 | 5.77E-11 | 2758 | 3.69E-11 | 2860 | 5.29E-11 | 2962 | | 3064 | 9.40E-11 | 3166 | 1.11E-10 |
| 2046 | 3.64E-12 | 2148 | 3.43E-11 | 2250 | 2.84E-11 | 2352 | 1.19E-11 | 2454 | 2.01E-11 | 2556 | 2.07E-11 | 2658 | 6.05E-11 | 2760 | 3.96E-11 | 2862 | 6.31E-11 | 2964 | | 3066 | 1.00E-10 | 3168 | 1.14E-10 |
| 2048 | 8.70E-12 | 2150 | 2.99E-11 | 2252 | 2.71E-11 | 2354 | 1.26E-11 | 2456 | 1.88E-11 | 2558 | 2.40E-11 | 2660 | 6.47E-11 | 2762 | 4.23E-11 | 2864 | 6.97E-11 | 2966 | | 3068 | 1.00E-10 | 3170 | 1.16E-10 |
| 2050 | 7.47E-12 | 2152 | 2.17E-11 | 2254 | 3.19E-11 | 2356 | 1.48E-11 | 2458 | 1.84E-11 | 2560 | 2.49E-11 | 2662 | 6.34E-11 | 2764 | 4.63E-11 | 2866 | 7.35E-11 | 2968 | 9.13E-11 | 3070 | 9.65E-11 | 3172 | 1.19E-10 |
| 2052 | 1.20E-11 | 2154 | 3.49E-11 | 2256 | 2.89E-11 | 2358 | 1.74E-11 | 2460 | 1.73E-11 | 2562 | 2.41E-11 | 2664 | 5.93E-11 | 2766 | 4.97E-11 | 2868 | 7.37E-11 | 2970 | 8.93E-11 | 3072 | 9.84E-11 | 3174 | 1.23E-10 |
| 2054 | 1.93E-11 | 2156 | 1.97E-11 | 2258 | 2.51E-11 | 2360 | 1.88E-11 | 2462 | 1.59E-11 | 2564 | 2.48E-11 | 2666 | 5.60E-11 | 2768 | 5.18E-11 | 2870 | 6.98E-11 | 2972 | 8.80E-11 | 3074 | 9.91E-11 | 3176 | 1.22E-10 |
| 2056 | 1.95E-11 | 2158 | 2.04E-11 | 2260 | 1.88E-11 | 2362 | 1.70E-11 | 2464 | 1.63E-11 | 2566 | 2.52E-11 | 2668 | 5.10E-11 | 2770 | 5.30E-11 | 2872 | 7.19E-11 | 2974 | 8.89E-11 | 3076 | 1.00E-10 | 3178 | 1.16E-10 |
| 2058 | 2.21E-11 | 2160 | 2.95E-11 | 2262 | 2.26E-11 | 2364 | 1.42E-11 | 2466 | 1.96E-11 | 2568 | 2.66E-11 | 2670 | 5.07E-11 | 2772 | 5.48E-11 | 2874 | 7.46E-11 | 2976 | 9.24E-11 | 3078 | 1.04E-10 | 3180 | 1.10E-10 |
| 2060 | 1.77E-11 | 2162 | 2.12E-11 | 2264 | 2.59E-11 | 2366 | 1.73E-11 | 2468 | 1.93E-11 | 2570 | 2.97E-11 | 2672 | 5.32E-11 | 2774 | 5.60E-11 | 2876 | 7.38E-11 | 2978 | 9.48E-11 | 3080 | 1.05E-10 | 3182 | 1.05E-10 |
| 2062 | 2.07E-12 | 2164 | 1.94E-11 | 2266 | 2.58E-11 | 2368 | 1.79E-11 | 2470 | 2.08E-11 | 2572 | 3.39E-11 | 2674 | 5.50E-11 | 2776 | 5.40E-11 | 2878 | 7.25E-11 | 2980 | 9.71E-11 | 3082 | 1.05E-10 | 3184 | 1.06E-10 |
| 2064 | 5.80E-12 | 2166 | 2.32E-11 | 2268 | 1.89E-11 | 2370 | 1.61E-11 | 2472 | 1.87E-11 | 2574 | 3.68E-11 | 2676 | 5.45E-11 | 2778 | 5.26E-11 | 2880 | 6.80E-11 | 2982 | 9.23E-11 | 3084 | 1.06E-10 | 3186 | 1.05E-10 |
| 2066 | 1.40E-11 | 2168 | 2.30E-11 | 2270 | 1.75E-11 | 2372 | 1.55E-11 | 2474 | 1.90E-11 | 2576 | 3.65E-11 | 2678 | 5.52E-11 | 2780 | 5.19E-11 | 2882 | 6.36E-11 | 2984 | 8.58E-11 | 3086 | 1.07E-10 | 3188 | 1.08E-10 |
| 2068 | 1.07E-11 | 2170 | 2.65E-11 | 2272 | 1.89E-11 | 2374 | 1.66E-11 | 2476 | 1.89E-11 | 2578 | 3.11E-11 | 2680 | 5.75E-11 | 2782 | 4.95E-11 | 2884 | 6.30E-11 | 2986 | 8.21E-11 | 3088 | 1.09E-10 | 3190 | 1.13E-10 |
| 2070 | 8.18E-12 | 2172 | 2.17E-11 | 2274 | 2.16E-11 | 2376 | 2.10E-11 | 2478 | 2.30E-11 | 2580 | 2.98E-11 | 2682 | 5.70E-11 | 2784 | 4.76E-11 | 2886 | 6.59E-11 | 2988 | 8.03E-11 | 3090 | 1.09E-10 | 3192 | 1.12E-10 |
| 2072 | 1.00E-11 | 2174 | 2.01E-11 | 2276 | 2.46E-11 | 2378 | 1.87E-11 | 2480 | 2.31E-11 | 2582 | 2.99E-11 | 2684 | 5.50E-11 | 2786 | 4.33E-11 | 2888 | 7.36E-11 | 2990 | 8.22E-11 | 3092 | 1.02E-10 | 3194 | 1.09E-10 |
| 2074 | 1.51E-11 | 2176 | 2.97E-11 | 2278 | 1.75E-11 | 2380 | 1.89E-11 | 2482 | 2.06E-11 | 2584 | 3.49E-11 | 2686 | 5.42E-11 | 2788 | 3.92E-11 | 2890 | 7.76E-11 | 2992 | 8.68E-11 | 3094 | 9.80E-11 | 3196 | 1.11E-10 |
| 2076 | 3.15E-11 | 2178 | 2.42E-11 | 2280 | 1.71E-11 | 2382 | 1.76E-11 | 2484 | 2.07E-11 | 2586 | 3.60E-11 | 2688 | 5.59E-11 | 2790 | 3.51E-11 | 2892 | 7.90E-11 | 2994 | 9.27E-11 | 3096 | 9.46E-11 | 3198 | 1.13E-10 |


HD 30652 F6 V V=3.19 (B-V)=0.45 E(B-V)=-0.03
LAP: LWP 12506
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (A)

HD 43318 F6 V V=5.65 (B-V)=0.50 E(B-V)=0.02

LAP: LWP 12507

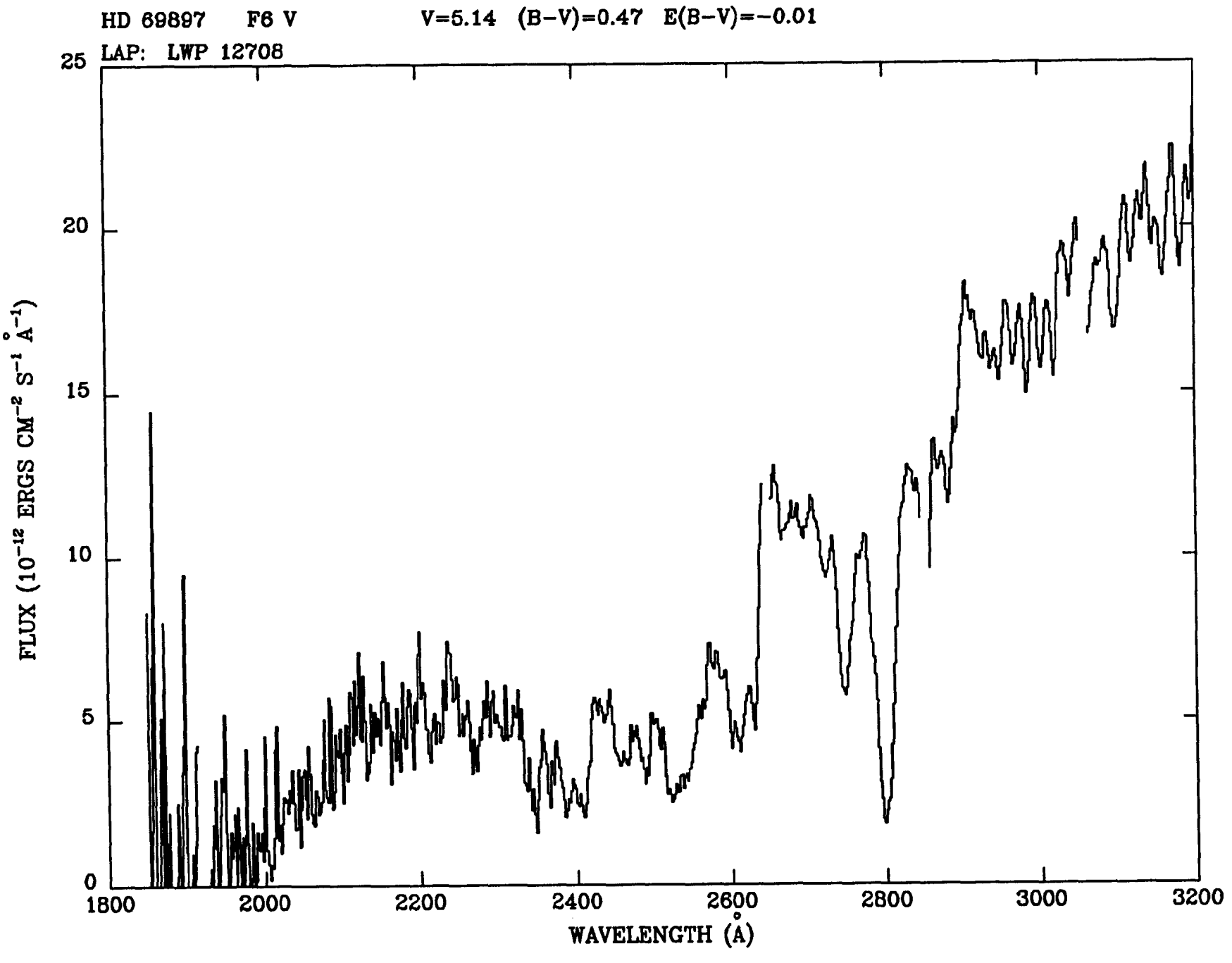
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.49E-12 | 2078 | 2.60E-12 | 2180 | 1.88E-12 | 2282 | 2.26E-12 | 2384 | 1.22E-12 | 2486 | 1.87E-12 | 2588 | 3.07E-12 | 2690 | 5.46E-12 | 2792 | 2.44E-12 | 2894 | 7.08E-12 | 2996 | 9.21E-12 | 3098 | 8.99E-12 |
| 1978 | 1.22E-12 | 2080 | 1.01E-12 | 2182 | 1.45E-12 | 2284 | 2.66E-12 | 2386 | 8.80E-13 | 2488 | 1.93E-12 | 2590 | 2.95E-12 | 2692 | 5.19E-12 | 2794 | 2.12E-12 | 2896 | 7.43E-12 | 2998 | 9.07E-12 | 3100 | 9.03E-12 |
| 1980 | -2.48E-13 | 2082 | 3.39E-13 | 2184 | 1.66E-12 | 2286 | 2.80E-12 | 2388 | 1.06E-12 | 2490 | 1.70E-12 | 2592 | 3.04E-12 | 2694 | 5.30E-12 | 2796 | 1.63E-12 | 2898 | 8.55E-12 | 3000 | 8.83E-12 | 3102 | 9.38E-12 |
| 1982 | 7.48E-14 | 2084 | 1.31E-12 | 2186 | 2.84E-12 | 2288 | 2.09E-12 | 2390 | 1.34E-12 | 2492 | 1.58E-12 | 2594 | 3.07E-12 | 2696 | 5.44E-12 | 2798 | 1.18E-12 | 2900 | 9.03E-12 | 3002 | 8.85E-12 | 3104 | 9.54E-12 |
| 1984 | 9.77E-13 | 2086 | 2.22E-12 | 2188 | 3.72E-12 | 2290 | 2.40E-12 | 2392 | 1.25E-12 | 2494 | 1.73E-12 | 2596 | 2.97E-12 | 2698 | 5.08E-12 | 2800 | 1.14E-12 | 2902 | 9.11E-12 | 3004 | 8.77E-12 | 3106 | 9.81E-12 |
| 1986 | 1.37E-12 | 2088 | 1.46E-12 | 2190 | 1.85E-12 | 2292 | 2.06E-12 | 2394 | 1.18E-12 | 2496 | 1.89E-12 | 2598 | 2.79E-12 | 2700 | 4.97E-12 | 2802 | 1.13E-12 | 2904 | 9.50E-12 | 3006 | 8.62E-12 | 3108 | 1.03E-11 |
| 1988 | 6.64E-13 | 2090 | 6.04E-13 | 2192 | 1.20E-12 | 2294 | 2.83E-12 | 2396 | 1.31E-12 | 2498 | 2.24E-12 | 2600 | 2.29E-12 | 2702 | 5.12E-12 | 2804 | 1.15E-12 | 2906 | 9.60E-12 | 3008 | 8.79E-12 | 3110 | 1.10E-11 |
| 1990 | -5.18E-14 | 2092 | 2.62E-12 | 2194 | 2.09E-12 | 2296 | 3.40E-12 | 2398 | 1.34E-12 | 2500 | 2.26E-12 | 2602 | 2.10E-12 | 2704 | 5.29E-12 | 2806 | 1.39E-12 | 2908 | 9.42E-12 | 3010 | 9.40E-12 | 3112 | 1.12E-11 |
| 1992 | 5.96E-13 | 2094 | 2.25E-12 | 2196 | 1.88E-12 | 2298 | 2.29E-12 | 2400 | 1.32E-12 | 2502 | 2.53E-12 | 2604 | 2.30E-12 | 2706 | 5.43E-12 | 2808 | 1.69E-12 | 2910 | 9.25E-12 | 3012 | 9.54E-12 | 3114 | 1.11E-11 |
| 1994 | 8.74E-13 | 2096 | 1.69E-12 | 2198 | 1.69E-12 | 2300 | 1.68E-12 | 2402 | 1.01E-12 | 2504 | 2.64E-12 | 2606 | 2.35E-12 | 2708 | 5.61E-12 | 2810 | 2.28E-12 | 2912 | 9.11E-12 | 3014 | 9.19E-12 | 3116 | 1.08E-11 |
| 1996 | 1.05E-12 | 2098 | 2.36E-12 | 2200 | 1.47E-12 | 2302 | 1.90E-12 | 2404 | 9.27E-13 | 2506 | 2.21E-12 | 2608 | 2.20E-12 | 2710 | 5.74E-12 | 2812 | 2.93E-12 | 2914 | 9.08E-12 | 3016 | 9.10E-12 | 3118 | 1.05E-11 |
| 1998 | -1.87E-13 | 2100 | 1.50E-12 | 2202 | 1.78E-12 | 2304 | 1.81E-12 | 2406 | 6.29E-13 | 2508 | 1.96E-12 | 2610 | 1.87E-12 | 2712 | 5.54E-12 | 2814 | 3.42E-12 | 2916 | 8.98E-12 | 3018 | 8.88E-12 | 3120 | 1.03E-11 |
| 2000 | 2.54E-13 | 2102 | 1.72E-12 | 2204 | 2.75E-12 | 2306 | 1.69E-12 | 2408 | 1.01E-12 | 2510 | 2.03E-12 | 2612 | 1.73E-12 | 2714 | 5.37E-12 | 2816 | 4.05E-12 | 2918 | 8.69E-12 | 3020 | 8.82E-12 | 3122 | 1.03E-11 |
| 2002 | 2.09E-13 | 2104 | 2.01E-12 | 2206 | 2.52E-12 | 2308 | 2.12E-12 | 2410 | 1.10E-12 | 2512 | 1.84E-12 | 2614 | 1.91E-12 | 2716 | 5.16E-12 | 2818 | 4.65E-12 | 2920 | 8.62E-12 | 3022 | 9.11E-12 | 3124 | 1.04E-11 |
| 2004 | 1.59E-12 | 2106 | 1.07E-12 | 2208 | 2.77E-12 | 2310 | 2.49E-12 | 2412 | 1.20E-12 | 2514 | 1.66E-12 | 2616 | 1.95E-12 | 2718 | 4.91E-12 | 2820 | 5.14E-12 | 2922 | 8.62E-12 | 3024 | 9.58E-12 | 3126 | 1.07E-11 |
| 2006 | 1.08E-12 | 2108 | 6.03E-13 | 2210 | 2.93E-12 | 2312 | 2.21E-12 | 2414 | 1.13E-12 | 2516 | 1.82E-12 | 2618 | 2.08E-12 | 2720 | 4.64E-12 | 2822 | 5.72E-12 | 2924 | 8.18E-12 | 3026 | 1.00E-11 | 3128 | 1.06E-11 |
| 2008 | -9.88E-13 | 2110 | 1.59E-12 | 2212 | 1.49E-12 | 2314 | 1.86E-12 | 2416 | 1.24E-12 | 2518 | 1.89E-12 | 2620 | 2.32E-12 | 2722 | 4.65E-12 | 2824 | 6.20E-12 | 2926 | 8.04E-12 | 3028 | 1.03E-11 | 3130 | 1.05E-11 |
| 2010 | 7.41E-14 | 2112 | 2.15E-12 | 2214 | 1.79E-12 | 2316 | 1.98E-12 | 2418 | 1.86E-12 | 2520 | 1.43E-12 | 2622 | 2.53E-12 | 2724 | 4.78E-12 | 2826 | 6.50E-12 | 2928 | 7.99E-12 | 3030 | 1.05E-11 | 3132 | 1.06E-11 |
| 2012 | 2.26E-13 | 2114 | 1.21E-12 | 2216 | 2.28E-12 | 2318 | 2.81E-12 | 2420 | 2.30E-12 | 2522 | 1.20E-12 | 2624 | 2.77E-12 | 2726 | 4.72E-12 | 2828 | 6.71E-12 | 2930 | 8.03E-12 | 3032 | 1.05E-11 | 3134 | 1.09E-11 |
| 2014 | 2.07E-12 | 2116 | 3.27E-12 | 2218 | 1.94E-12 | 2320 | 2.41E-12 | 2422 | 2.42E-12 | 2524 | 1.29E-12 | 2626 | 2.83E-12 | 2728 | 4.61E-12 | 2830 | 6.67E-12 | 2932 | 8.10E-12 | 3034 | 1.02E-11 | 3136 | 1.11E-11 |
| 2016 | 2.38E-12 | 2118 | 2.84E-12 | 2220 | 1.49E-12 | 2322 | 2.22E-12 | 2424 | 2.51E-12 | 2526 | 1.42E-12 | 2628 | 2.59E-12 | 2730 | 5.00E-12 | 2832 | 6.47E-12 | 2934 | 8.34E-12 | 3036 | 1.00E-11 | 3138 | 1.12E-11 |
| 2018 | 6.27E-13 | 2120 | 2.72E-12 | 2222 | 1.64E-12 | 2324 | 2.60E-12 | 2426 | 2.36E-12 | 2528 | 1.35E-12 | 2630 | 2.41E-12 | 2732 | 5.25E-12 | 2834 | 6.51E-12 | 2936 | 8.32E-12 | 3038 | 1.00E-11 | 3140 | 1.15E-11 |
| 2020 | 5.01E-13 | 2122 | 3.82E-12 | 2224 | 2.17E-12 | 2326 | 2.55E-12 | 2428 | 2.57E-12 | 2530 | 1.08E-12 | 2632 | 2.27E-12 | 2734 | 5.19E-12 | 2836 | 6.16E-12 | 2938 | 8.40E-12 | 3040 | 9.70E-12 | 3142 | 1.16E-11 |
| 2022 | 1.63E-12 | 2124 | 1.63E-12 | 2226 | 2.20E-12 | 2328 | 2.23E-12 | 2430 | 2.61E-12 | 2532 | 1.24E-12 | 2634 | 2.55E-12 | 2736 | 4.87E-12 | 2838 | 6.30E-12 | 2940 | 8.21E-12 | 3042 | 9.34E-12 | 3144 | 1.10E-11 |
| 2024 | 1.97E-12 | 2126 | 2.39E-12 | 2228 | 2.65E-12 | 2330 | 2.21E-12 | 2432 | 2.53E-12 | 2534 | 1.63E-12 | 2636 | 3.26E-12 | 2738 | 4.43E-12 | 2840 | 6.62E-12 | 2942 | 7.95E-12 | 3044 | 9.47E-12 | 3146 | 1.05E-11 |
| 2026 | 1.22E-12 | 2128 | 3.79E-12 | 2230 | 2.95E-12 | 2332 | 1.99E-12 | 2434 | 2.60E-12 | 2536 | 1.48E-12 | 2638 | 4.20E-12 | 2740 | 4.01E-12 | 2842 | 6.38E-12 | 2944 | 8.07E-12 | 3046 | 9.92E-12 | 3148 | 1.06E-11 |
| 2028 | 4.04E-13 | 2130 | 2.23E-12 | 2232 | 2.66E-12 | 2334 | 2.17E-12 | 2436 | 2.28E-12 | 2538 | 1.45E-12 | 2640 | 5.05E-12 | 2742 | 3.56E-12 | 2844 | 6.17E-12 | 2946 | 8.18E-12 | 3048 | 1.03E-11 | 3150 | 1.11E-11 |
| 2030 | 1.10E-12 | 2132 | 1.39E-12 | 2234 | 1.72E-12 | 2336 | 1.98E-12 | 2438 | 2.63E-12 | 2540 | 1.41E-12 | 2642 | 5.55E-12 | 2744 | 3.15E-12 | 2846 | 6.02E-12 | 2948 | 8.32E-12 | 3050 | 1.04E-11 | 3152 | 1.14E-11 |
| 2032 | 1.19E-12 | 2134 | 1.15E-12 | 2236 | 1.75E-12 | 2338 | 1.48E-12 | 2440 | 2.83E-12 | 2542 | 1.47E-12 | 2644 | | 2746 | 3.09E-12 | 2848 | | 2950 | 8.54E-12 | 3052 | | 3154 | 1.06E-11 |
| 2034 | 4.48E-13 | 2136 | 1.75E-12 | 2238 | 2.20E-12 | 2340 | 1.32E-12 | 2442 | 2.60E-12 | 2544 | 1.53E-12 | 2646 | | 2748 | 2.99E-12 | 2850 | | 2952 | 8.33E-12 | 3054 | | 3156 | 9.61E-12 |
| 2036 | 9.96E-13 | 2138 | 2.47E-12 | 2240 | 2.94E-12 | 2342 | 1.19E-12 | 2444 | 2.16E-12 | 2546 | 1.38E-12 | 2648 | | 2750 | 2.95E-12 | 2852 | | 2954 | 8.21E-12 | 3056 | | 3158 | 9.55E-12 |
| 2038 | 9.28E-13 | 2140 | 2.40E-12 | 2242 | 3.01E-12 | 2344 | 1.20E-12 | 2446 | 2.24E-12 | 2548 | 1.57E-12 | 2650 | 5.75E-12 | 2752 | 3.00E-12 | 2854 | | 2956 | 8.79E-12 | 3058 | | 3160 | 9.76E-12 |
| 2040 | 1.81E-13 | 2142 | 2.52E-12 | 2244 | 2.08E-12 | 2346 | 1.03E-12 | 2448 | 2.15E-12 | 2550 | 1.80E-12 | 2652 | 5.68E-12 | 2754 | 3.19E-12 | 2856 | 4.35E-12 | 2958 | 9.54E-12 | 3060 | | 3162 | 1.01E-11 |
| 2042 | 1.16E-12 | 2144 | 2.13E-12 | 2246 | 2.37E-12 | 2348 | 8.46E-13 | 2450 | 1.85E-12 | 2552 | 1.86E-12 | 2654 | 5.63E-12 | 2756 | 3.36E-12 | 2858 | 4.74E-12 | 2960 | 9.67E-12 | 3062 | 9.22E-12 | 3164 | 1.05E-11 |
| 2044 | 1.17E-12 | 2146 | 2.94E-12 | 2248 | 2.81E-12 | 2350 | 1.00E-12 | 2452 | 1.70E-12 | 2554 | 2.01E-12 | 2656 | 5.81E-12 | 2758 | 3.69E-12 | 2860 | 5.58E-12 | 2962 | 9.49E-12 | 3064 | 9.14E-12 | 3166 | 1.10E-11 |
| 2046 | -1.91E-13 | 2148 | 3.23E-12 | 2250 | 2.45E-12 | 2352 | 1.28E-12 | 2454 | 1.71E-12 | 2556 | 2.14E-12 | 2658 | 6.26E-12 | 2760 | 4.03E-12 | 2862 | 6.31E-12 | 2964 | 9.22E-12 | 3066 | 9.22E-12 | 3168 | 1.13E-11 |
| 2048 | 4.59E-13 | 2150 | 2.82E-12 | 2252 | 1.95E-12 | 2354 | 1.27E-12 | 2456 | 1.62E-12 | 2558 | 2.37E-12 | 2660 | 6.40E-12 | 2762 | 4.38E-12 | 2864 | 6.39E-12 | 2966 | 9.09E-12 | 3068 | 9.67E-12 | 3170 | 1.16E-11 |
| 2050 | 6.31E-13 | 2152 | 1.55E-12 | 2254 | 2.70E-12 | 2356 | 1.57E-12 | 2458 | 1.83E-12 | 2560 | 2.47E-12 | 2662 | 6.11E-12 | 2764 | 4.78E-12 | 2866 | 6.55E-12 | 2968 | 8.85E-12 | 3070 | 9.77E-12 | 3172 | 1.20E-11 |
| 2052 | 8.98E-13 | 2154 | 3.21E-12 | 2256 | 2.99E-12 | 2358 | 1.84E-12 | 2460 | 1.87E-12 | 2562 | 2.40E-12 | 2664 | 5.81E-12 | 2766 | 4.86E-12 | 2868 | 6.98E-12 | 2970 | 8.66E-12 | 3072 | 9.77E-12 | 3174 | 1.22E-11 |
| 2054 | 1.57E-12 | 2156 | 2.27E-12 | 2258 | 2.58E-12 | 2360 | 2.11E-12 | 2462 | 1.66E-12 | 2564 | 2.38E-12 | 2666 | 5.69E-12 | 2768 | 4.88E-12 | 2870 | 6.83E-12 | 2972 | 8.65E-12 | 3074 | 9.79E-12 | 3176 | 1.22E-11 |
| 2056 | 1.41E-12 | 2158 | 2.03E-12 | 2260 | 1.59E-12 | 2362 | 1.62E-12 | 2464 | 1.53E-12 | 2566 | 2.37E-12 | 2668 | 5.53E-12 | 2770 | 4.85E-12 | 2872 | 6.68E-12 | 2974 | 8.72E-12 | 3076 | 9.84E-12 | 3178 | 1.19E-11 |
| 2058 | 1.82E-12 | 2160 | 2.91E-12 | 2262 | 1.64E-12 | 2364 | 1.19E-12 | 2466 | 1.66E-12 | 2568 | 2.63E-12 | 2670 | 5.39E-12 | 2772 | 4.99E-12 | 2874 | 6.76E-12 | 2976 | 8.93E-12 | 3078 | 1.02E-11 | 3180 | 1.14E-11 |
| 2060 | 1.68E-12 | 2162 | 2.07E-12 | 2264 | 2.53E-12 | 2366 | 1.61E-12 | 2468 | 1.56E-12 | 2570 | 3.00E-12 | 2672 | 5.42E-12 | 2774 | 5.17E-12 | 2876 | 6.65E-12 | 2978 | 9.16E-12 | 3080 | 1.02E-11 | 3182 | 1.11E-11 |
| 2062 | 1.51E-13 | 2164 | 1.66E-12 | 2266 | 1.89E-12 | 2368 | 1.88E-12 | 2470 | 1.80E-12 | 2572 | 3.19E-12 | 2674 | 5.51E-12 | 2776 | 5.08E-12 | 2878 | 6.53E-12 | 2980 | 9.16E-12 | 3082 | 1.02E-11 | 3184 | 1.12E-11 |
| 2064 | 4.87E-13 | 2166 | 1.52E-12 | 2268 | 1.16E-12 | 2370 | 1.47E-12 | 2472 | 1.72E-12 | 2574 | 3.35E-12 | 2676 | 5.67E-12 | 2778 | 5.04E-12 | 2880 | 6.19E-12 | 2982 | 8.89E-12 | 3084 | 1.05E-11 | 3186 | 1.13E-11 |
| 2066 | 1.12E-12 | 2168 | 1.38E-12 | 2270 | 1.31E-12 | 2372 | 1.25E-12 | 2474 | 1.79E-12 | 2576 | 3.15E-12 | 2678 | 5.76E-12 | 2780 | 4.66E-12 | 2882 | 6.07E-12 | 2984 | 8.55E-12 | 3086 | 1.06E-11 | 3188 | 1.13E-11 |
| 2068 | 7.46E-13 | 2170 | 2.22E-12 | 2272 | 1.24E-12 | 2374 | 1.48E-12 | 2476 | 1.78E-12 | 2578 | 2.97E-12 | 2680 | 5.58E-12 | 2782 | 4.13E-12 | 2884 | 6.35E-12 | 2986 | 8.21E-12 | 3088 | 1.05E-11 | 3190 | 1.19E-11 |
| 2070 | 2.39E-13 | 2172 | 1.67E-12 | 2274 | 1.39E-12 | 2376 | 1.70E-12 | 2478 | 2.24E-12 | 2580 | 3.21E-12 | 2682 | 5.53E-12 | 2784 | 3.87E-12 | 2886 | 6.84E-12 | 2988 | 8.12E-12 | 3090 | 1.05E-11 | 3192 | 1.20E-11 |
| 2072 | 7.53E-13 | 2174 | 1.41E-12 | 2276 | 1.79E-12 | 2378 | 1.48E-12 | 2480 | 2.11E-12 | 2582 | 3.04E-12 | 2684 | 5.45E-12 | 2786 | 3.57E-12 | 2888 | 7.59E-12 | 2990 | 8.61E-12 | 3092 | 9.88E-12 | 3194 | 1.18E-11 |
| 2074 | 1.31E-12 | 2176 | 2.97E-12 | 2278 | 1.16E-12 | 2380 | 1.73E-12 | 2482 | 1.62E-12 | 2584 | 3.11E-12 | 2686 | 5.37E-12 | 2788 | 3.21E-12 | 2890 | 7.65E-12 | 2992 | 8.97E-12 | 3094 | 9.36E-12 | 3196 | 1.21E-11 |
| 2076 | 3.05E-12 | 2178 | 2.60E-12 | 2280 | 1.29E-12 | 2382 | 1.49E-12 | 2484 | 1.58E-12 | 2586 | 3.30E-12 | 2688 | 5.65E-12 | 2790 | 2.76E-12 | 2892 | 7.39E-12 | 2994 | 9.12E-12 | 3096 | 9.17E-12 | 3198 | 1.26E-11 |


HD 43318 F6 V V=5.65 (B−V)=0.50 E(B−V)=0.02
LAP: LWP 12507
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

HD 69897 F6 V V=5.14 (B-V)=0.47 E(B-V)=-0.01

LAP: LWP 12708

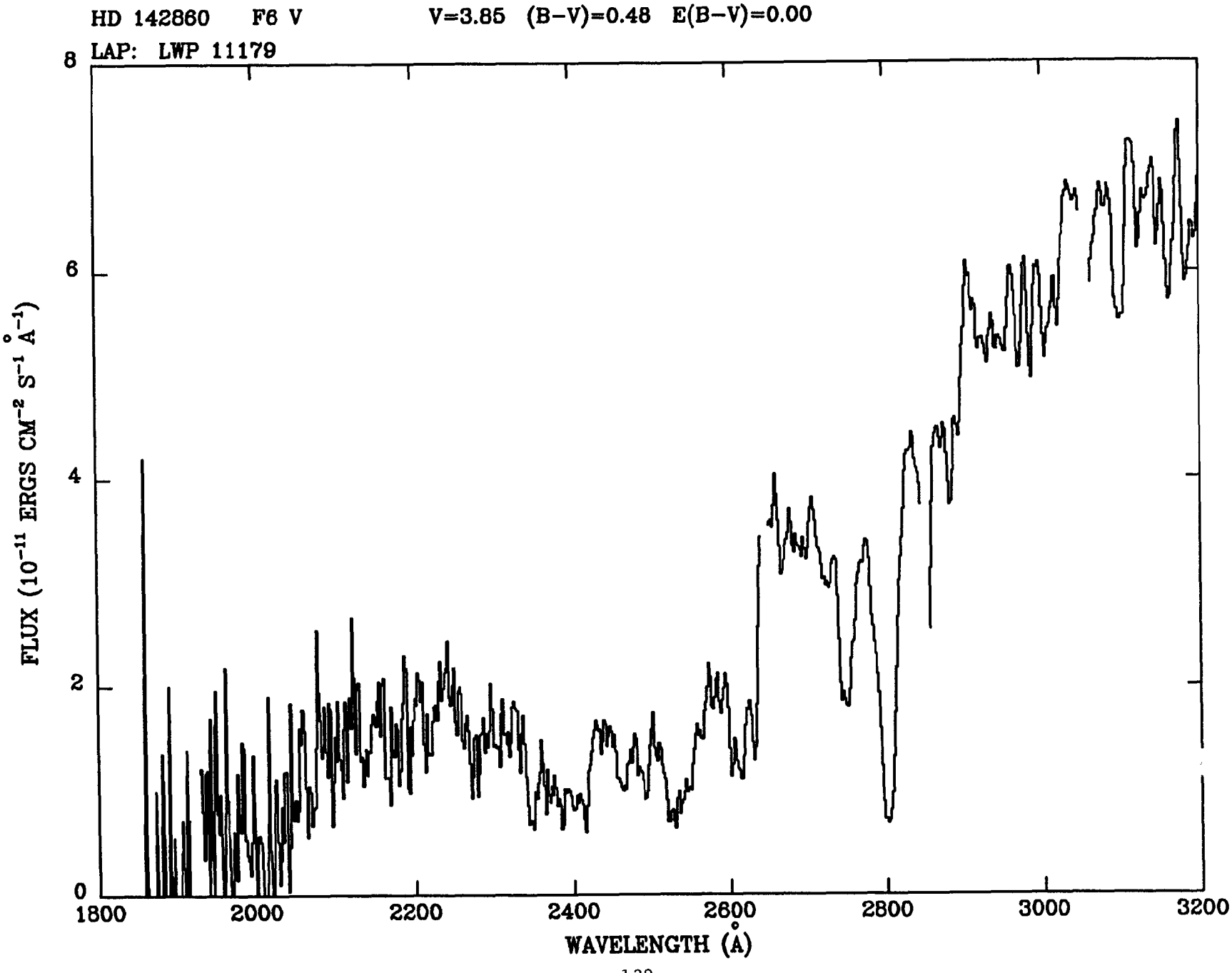
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.11E-12 | 2078 | 3.97E-12 | 2180 | 4.45E-12 | 2282 | 5.37E-12 | 2384 | 2.49E-12 | 2486 | 3.60E-12 | 2588 | 6.26E-12 | 2690 | 1.09E-11 | 2792 | 3.71E-12 | 2894 | 1.43E-11 | 2996 | 1.75E-11 | 3098 | 1.69E-11 |
| 1978 | 2.28E-12 | 2080 | 2.77E-12 | 2182 | 4.36E-12 | 2284 | 5.27E-12 | 2386 | 2.11E-12 | 2488 | 3.18E-12 | 2590 | 6.37E-12 | 2692 | 1.07E-11 | 2794 | 2.86E-12 | 2896 | 1.51E-11 | 2998 | 1.67E-11 | 3100 | 1.73E-11 |
| 1980 | -1.73E-12 | 2082 | 2.57E-12 | 2184 | 5.52E-12 | 2286 | 5.93E-12 | 2388 | 2.37E-12 | 2490 | 3.47E-12 | 2592 | 6.51E-12 | 2694 | 1.06E-11 | 2796 | 2.24E-12 | 2898 | 1.64E-11 | 3000 | 1.60E-11 | 3102 | 1.78E-11 |
| 1982 | -5.52E-13 | 2084 | 4.74E-12 | 2186 | 5.92E-12 | 2288 | 5.57E-12 | 2390 | 2.57E-12 | 2492 | 3.33E-12 | 2594 | 6.25E-12 | 2696 | 1.09E-11 | 2798 | 1.88E-12 | 2900 | 1.70E-11 | 3002 | 1.58E-11 | 3104 | 1.88E-11 |
| 1984 | 1.67E-12 | 2086 | 5.52E-12 | 2188 | 5.47E-12 | 2290 | 4.65E-12 | 2392 | 2.66E-12 | 2494 | 3.95E-12 | 2596 | 5.57E-12 | 2698 | 1.09E-11 | 2800 | 2.09E-12 | 2902 | 1.76E-11 | 3004 | 1.60E-11 | 3106 | 1.98E-11 |
| 1986 | -7.04E-14 | 2088 | 2.96E-12 | 2190 | 4.28E-12 | 2292 | 5.54E-12 | 2394 | 3.04E-12 | 2496 | 5.20E-12 | 2598 | 4.89E-12 | 2700 | 1.12E-11 | 2802 | 2.43E-12 | 2904 | 1.83E-11 | 3006 | 1.66E-11 | 3108 | 2.03E-11 |
| 1988 | 2.15E-13 | 2090 | 2.77E-12 | 2192 | 4.42E-12 | 2294 | 5.86E-12 | 2396 | 3.12E-12 | 2498 | 5.17E-12 | 2600 | 4.29E-12 | 2702 | 1.15E-11 | 2804 | 2.57E-12 | 2906 | 1.81E-11 | 3008 | 1.74E-11 | 3110 | 2.07E-11 |
| 1990 | 1.59E-12 | 2092 | 4.50E-12 | 2194 | 5.53E-12 | 2296 | 4.96E-12 | 2398 | 2.96E-12 | 2500 | 4.90E-12 | 2602 | 4.47E-12 | 2704 | 1.18E-11 | 2806 | 3.09E-12 | 2908 | 1.78E-11 | 3010 | 1.77E-11 | 3112 | 2.07E-11 |
| 1992 | 1.28E-12 | 2094 | 4.09E-12 | 2196 | 5.20E-12 | 2298 | 5.16E-12 | 2400 | 2.61E-12 | 2502 | 4.96E-12 | 2604 | 4.87E-12 | 2706 | 1.16E-11 | 2808 | 4.13E-12 | 2910 | 1.77E-11 | 3012 | 1.77E-11 | 3114 | 2.01E-11 |
| 1994 | 1.21E-12 | 2096 | 4.03E-12 | 2198 | 6.31E-12 | 2300 | 4.92E-12 | 2402 | 2.41E-12 | 2504 | 4.93E-12 | 2606 | 4.77E-12 | 2708 | 1.13E-11 | 2810 | 5.45E-12 | 2912 | 1.73E-11 | 3014 | 1.73E-11 | 3116 | 1.93E-11 |
| 1996 | 1.36E-12 | 2098 | 4.49E-12 | 2200 | 7.57E-12 | 2302 | 4.81E-12 | 2404 | 2.69E-12 | 2506 | 4.52E-12 | 2608 | 4.48E-12 | 2710 | 1.11E-11 | 2812 | 6.81E-12 | 2914 | 1.73E-11 | 3016 | 1.65E-11 | 3118 | 1.89E-11 |
| 1998 | 1.33E-12 | 2100 | 3.21E-12 | 2202 | 6.10E-12 | 2304 | 4.72E-12 | 2406 | 2.45E-12 | 2508 | 4.16E-12 | 2610 | 4.32E-12 | 2712 | 1.09E-11 | 2814 | 8.00E-12 | 2916 | 1.74E-11 | 3018 | 1.58E-11 | 3120 | 1.92E-11 |
| 2000 | 3.67E-12 | 2102 | 3.05E-12 | 2204 | 6.09E-12 | 2306 | 4.47E-12 | 2408 | 2.21E-12 | 2510 | 4.46E-12 | 2612 | 4.09E-12 | 2714 | 1.06E-11 | 2816 | 9.22E-12 | 2918 | 1.72E-11 | 3020 | 1.56E-11 | 3122 | 1.96E-11 |
| 2002 | 1.59E-12 | 2104 | 4.38E-12 | 2206 | 5.88E-12 | 2308 | 5.24E-12 | 2410 | 2.10E-12 | 2512 | 4.49E-12 | 2614 | 4.54E-12 | 2716 | 1.01E-11 | 2818 | 1.04E-11 | 2920 | 1.69E-11 | 3022 | 1.64E-11 | 3124 | 2.03E-11 |
| 2004 | 6.92E-13 | 2106 | 4.11E-12 | 2208 | 4.76E-12 | 2310 | 5.85E-12 | 2412 | 2.58E-12 | 2514 | 3.64E-12 | 2616 | 4.90E-12 | 2718 | 9.79E-12 | 2820 | 1.13E-11 | 2922 | 1.65E-11 | 3024 | 1.78E-11 | 3126 | 2.08E-11 |
| 2006 | 1.97E-13 | 2108 | 3.63E-12 | 2210 | 4.65E-12 | 2312 | 4.84E-12 | 2414 | 3.31E-12 | 2516 | 2.89E-12 | 2618 | 5.29E-12 | 2720 | 9.57E-12 | 2822 | 1.15E-11 | 2924 | 1.61E-11 | 3026 | 1.89E-11 | 3128 | 2.10E-11 |
| 2008 | 6.13E-13 | 2110 | 5.13E-12 | 2212 | 3.96E-12 | 2314 | 4.50E-12 | 2416 | 3.63E-12 | 2518 | 2.87E-12 | 2620 | 5.64E-12 | 2722 | 9.38E-12 | 2824 | 1.19E-11 | 2926 | 1.60E-11 | 3028 | 1.92E-11 | 3130 | 2.05E-11 |
| 2010 | 6.80E-13 | 2112 | 5.77E-12 | 2214 | 3.98E-12 | 2316 | 4.52E-12 | 2418 | 4.19E-12 | 2520 | 2.75E-12 | 2622 | 5.89E-12 | 2724 | 9.50E-12 | 2826 | 1.23E-11 | 2928 | 1.61E-11 | 3030 | 1.94E-11 | 3132 | 2.02E-11 |
| 2012 | 1.99E-12 | 2114 | 4.64E-12 | 2216 | 4.79E-12 | 2318 | 4.79E-12 | 2420 | 5.24E-12 | 2522 | 2.52E-12 | 2624 | 6.01E-12 | 2726 | 9.63E-12 | 2828 | 1.27E-11 | 2930 | 1.67E-11 | 3032 | 1.94E-11 | 3134 | 2.04E-11 |
| 2014 | 4.31E-12 | 2116 | 5.84E-12 | 2218 | 5.12E-12 | 2320 | 5.39E-12 | 2422 | 5.59E-12 | 2524 | 2.59E-12 | 2626 | 5.69E-12 | 2728 | 9.93E-12 | 2830 | 1.27E-11 | 2932 | 1.67E-11 | 3034 | 1.91E-11 | 3136 | 2.13E-11 |
| 2016 | 3.63E-12 | 2118 | 4.82E-12 | 2220 | 4.80E-12 | 2322 | 5.20E-12 | 2424 | 5.62E-12 | 2526 | 2.78E-12 | 2628 | 5.15E-12 | 2730 | 1.03E-11 | 2832 | 1.26E-11 | 2934 | 1.63E-11 | 3036 | 1.90E-11 | 3138 | 2.18E-11 |
| 2018 | 1.57E-12 | 2120 | 5.40E-12 | 2222 | 4.63E-12 | 2324 | 5.17E-12 | 2426 | 5.40E-12 | 2528 | 2.98E-12 | 2630 | 4.75E-12 | 2732 | 1.05E-11 | 2834 | 1.26E-11 | 2936 | 1.59E-11 | 3038 | 1.84E-11 | 3140 | 2.16E-11 |
| 2020 | 1.46E-12 | 2122 | 6.98E-12 | 2224 | 4.95E-12 | 2326 | 5.70E-12 | 2428 | 5.20E-12 | 2530 | 2.79E-12 | 2632 | 5.31E-12 | 2734 | 9.97E-12 | 2836 | 1.22E-11 | 2938 | 1.58E-11 | 3040 | 1.79E-11 | 3142 | 2.09E-11 |
| 2022 | 1.48E-12 | 2124 | 4.44E-12 | 2226 | 4.55E-12 | 2328 | 4.66E-12 | 2430 | 5.52E-12 | 2532 | 2.98E-12 | 2634 | 6.67E-12 | 2736 | 9.34E-12 | 2838 | 1.20E-11 | 2940 | 1.60E-11 | 3042 | 1.86E-11 | 3144 | 1.99E-11 |
| 2024 | 2.35E-12 | 2126 | 4.78E-12 | 2228 | 4.45E-12 | 2330 | 5.06E-12 | 2432 | 5.47E-12 | 2534 | 3.30E-12 | 2636 | 8.27E-12 | 2738 | 8.37E-12 | 2840 | 1.23E-11 | 2942 | 1.62E-11 | 3044 | 1.91E-11 | 3146 | 1.94E-11 |
| 2026 | 2.58E-12 | 2128 | 6.03E-12 | 2230 | 5.81E-12 | 2332 | 3.93E-12 | 2434 | 5.26E-12 | 2536 | 3.14E-12 | 2638 | 1.03E-11 | 2740 | 7.36E-12 | 2842 | 1.22E-11 | 2944 | 1.61E-11 | 3046 | 1.96E-11 | 3148 | 1.98E-11 |
| 2028 | 2.60E-12 | 2130 | 4.47E-12 | 2232 | 6.13E-12 | 2334 | 3.06E-12 | 2436 | 4.96E-12 | 2538 | 3.10E-12 | 2640 | 1.16E-11 | 2742 | 6.60E-12 | 2844 | 1.17E-11 | 2946 | 1.58E-11 | 3048 | 2.01E-11 | 3150 | 2.02E-11 |
| 2030 | 2.28E-12 | 2132 | 3.28E-12 | 2234 | 5.41E-12 | 2336 | 2.94E-12 | 2438 | 5.04E-12 | 2540 | 3.32E-12 | 2642 | 1.22E-11 | 2744 | 6.09E-12 | 2846 | 1.12E-11 | 2948 | 1.54E-11 | 3050 | 1.99E-11 | 3152 | 2.01E-11 |
| 2032 | 2.79E-12 | 2134 | 3.56E-12 | 2236 | 7.30E-12 | 2338 | 3.40E-12 | 2440 | 5.23E-12 | 2542 | 3.22E-12 | 2644 | | 2746 | 5.89E-12 | 2848 | | 2950 | 1.57E-11 | 3052 | 1.95E-11 | 3154 | 2.00E-11 |
| 2034 | 2.55E-12 | 2136 | 4.62E-12 | 2238 | 7.10E-12 | 2340 | 3.28E-12 | 2442 | 5.67E-12 | 2544 | 3.41E-12 | 2646 | | 2748 | 5.77E-12 | 2850 | | 2952 | 1.63E-11 | 3054 | | 3156 | 1.93E-11 |
| 2036 | 3.46E-12 | 2138 | 5.36E-12 | 2240 | 6.94E-12 | 2342 | 2.49E-12 | 2444 | 5.80E-12 | 2546 | 3.52E-12 | 2648 | | 2750 | 5.96E-12 | 2852 | | 2954 | 1.70E-11 | 3056 | | 3158 | 1.86E-11 |
| 2038 | 2.38E-12 | 2140 | 4.47E-12 | 2242 | 6.10E-12 | 2344 | 2.75E-12 | 2446 | 5.23E-12 | 2548 | 3.69E-12 | 2650 | 1.18E-11 | 2752 | 6.63E-12 | 2854 | | 2956 | 1.77E-11 | 3058 | | 3160 | 1.86E-11 |
| 2040 | 1.72E-12 | 2142 | 4.91E-12 | 2244 | 5.63E-12 | 2346 | 2.29E-12 | 2448 | 4.59E-12 | 2550 | 4.05E-12 | 2652 | 1.18E-11 | 2754 | 7.44E-12 | 2856 | 9.62E-12 | 2958 | 1.77E-11 | 3060 | | 3162 | 1.91E-11 |
| 2042 | 2.19E-12 | 2144 | 4.72E-12 | 2246 | 5.91E-12 | 2348 | 1.67E-12 | 2450 | 4.08E-12 | 2552 | 4.28E-12 | 2654 | 1.22E-11 | 2756 | 7.66E-12 | 2858 | 1.06E-11 | 2960 | 1.75E-11 | 3062 | 1.67E-11 | 3164 | 1.97E-11 |
| 2044 | 2.83E-12 | 2146 | 5.00E-12 | 2248 | 6.24E-12 | 2350 | 2.52E-12 | 2452 | 3.96E-12 | 2554 | 4.62E-12 | 2656 | 1.27E-11 | 2758 | 8.15E-12 | 2860 | 1.21E-11 | 2962 | 1.71E-11 | 3064 | 1.69E-11 | 3166 | 2.06E-11 |
| 2046 | 1.58E-12 | 2148 | 4.64E-12 | 2250 | 5.33E-12 | 2352 | 3.58E-12 | 2454 | 3.83E-12 | 2556 | 5.08E-12 | 2658 | 1.24E-11 | 2760 | 8.84E-12 | 2862 | 1.33E-11 | 2964 | 1.65E-11 | 3066 | 1.75E-11 | 3168 | 2.12E-11 |
| 2048 | 2.77E-12 | 2150 | 4.36E-12 | 2252 | 4.63E-12 | 2354 | 3.93E-12 | 2456 | 3.67E-12 | 2558 | 5.42E-12 | 2660 | 1.22E-11 | 2762 | 9.65E-12 | 2864 | 1.36E-11 | 2966 | 1.60E-11 | 3068 | 1.80E-11 | 3170 | 2.20E-11 |
| 2050 | 3.42E-12 | 2152 | 5.71E-12 | 2254 | 5.01E-12 | 2356 | 4.64E-12 | 2458 | 3.69E-12 | 2560 | 5.24E-12 | 2662 | 1.17E-11 | 2764 | 9.99E-12 | 2866 | 1.29E-11 | 2968 | 1.59E-11 | 3070 | 1.83E-11 | 3172 | 2.24E-11 |
| 2052 | 3.02E-12 | 2154 | 6.66E-12 | 2256 | 4.77E-12 | 2358 | 4.26E-12 | 2460 | 3.96E-12 | 2562 | 5.24E-12 | 2664 | 1.08E-11 | 2766 | 9.92E-12 | 2868 | 1.27E-11 | 2970 | 1.63E-11 | 3072 | 1.88E-11 | 3174 | 2.18E-11 |
| 2054 | 2.25E-12 | 2156 | 5.49E-12 | 2258 | 4.90E-12 | 2360 | 3.91E-12 | 2462 | 3.84E-12 | 2564 | 5.49E-12 | 2666 | 1.05E-11 | 2768 | 1.00E-11 | 2870 | 1.28E-11 | 2972 | 1.68E-11 | 3074 | 1.89E-11 | 3176 | 2.06E-11 |
| 2056 | 3.57E-12 | 2158 | 5.01E-12 | 2260 | 5.13E-12 | 2362 | 3.30E-12 | 2464 | 3.70E-12 | 2566 | 5.46E-12 | 2668 | 1.08E-11 | 2770 | 1.03E-11 | 2872 | 1.31E-11 | 2974 | 1.73E-11 | 3076 | 1.88E-11 | 3178 | 1.97E-11 |
| 2058 | 3.60E-12 | 2160 | 5.32E-12 | 2262 | 5.54E-12 | 2364 | 2.59E-12 | 2466 | 3.64E-12 | 2568 | 6.19E-12 | 2670 | 1.08E-11 | 2772 | 1.06E-11 | 2874 | 1.31E-11 | 2976 | 1.76E-11 | 3078 | 1.89E-11 | 3180 | 1.91E-11 |
| 2060 | 2.36E-12 | 2162 | 4.07E-12 | 2264 | 4.98E-12 | 2366 | 3.12E-12 | 2468 | 3.92E-12 | 2570 | 7.11E-12 | 2672 | 1.09E-11 | 2774 | 1.06E-11 | 2876 | 1.29E-11 | 2978 | 1.72E-11 | 3080 | 1.91E-11 | 3182 | 1.88E-11 |
| 2062 | 1.92E-12 | 2164 | 3.87E-12 | 2266 | 4.04E-12 | 2368 | 3.51E-12 | 2470 | 4.76E-12 | 2572 | 7.36E-12 | 2674 | 1.10E-11 | 2776 | 1.00E-11 | 2878 | 1.25E-11 | 2980 | 1.66E-11 | 3082 | 1.94E-11 | 3184 | 1.95E-11 |
| 2064 | 1.88E-12 | 2166 | 4.51E-12 | 2268 | 3.55E-12 | 2370 | 3.16E-12 | 2472 | 4.43E-12 | 2574 | 6.91E-12 | 2676 | 1.11E-11 | 2778 | 9.28E-12 | 2880 | 1.18E-11 | 2982 | 1.57E-11 | 3084 | 1.96E-11 | 3186 | 2.03E-11 |
| 2066 | 2.85E-12 | 2168 | 4.01E-12 | 2270 | 4.26E-12 | 2372 | 3.92E-12 | 2474 | 4.61E-12 | 2576 | 6.66E-12 | 2678 | 1.14E-11 | 2780 | 8.26E-12 | 2882 | 1.17E-11 | 2984 | 1.50E-11 | 3086 | 1.94E-11 | 3188 | 2.14E-11 |
| 2068 | 2.62E-12 | 2170 | 4.90E-12 | 2272 | 3.61E-12 | 2374 | 4.32E-12 | 2476 | 4.61E-12 | 2578 | 6.57E-12 | 2680 | 1.14E-11 | 2782 | 7.46E-12 | 2884 | 1.23E-11 | 2986 | 1.53E-11 | 3088 | 1.92E-11 | 3190 | 2.17E-11 |
| 2070 | 2.17E-12 | 2172 | 4.63E-12 | 2274 | 3.73E-12 | 2376 | 3.93E-12 | 2478 | 4.64E-12 | 2580 | 7.08E-12 | 2682 | 1.12E-11 | 2784 | 7.28E-12 | 2886 | 1.31E-11 | 2988 | 1.62E-11 | 3090 | 1.88E-11 | 3192 | 2.12E-11 |
| 2072 | 2.33E-12 | 2174 | 3.65E-12 | 2276 | 4.46E-12 | 2378 | 3.56E-12 | 2480 | 4.27E-12 | 2582 | 7.04E-12 | 2684 | 1.14E-11 | 2786 | 6.81E-12 | 2888 | 1.40E-11 | 2990 | 1.73E-11 | 3092 | 1.76E-11 | 3194 | 2.08E-11 |
| 2074 | 2.98E-12 | 2176 | 4.79E-12 | 2278 | 4.63E-12 | 2380 | 3.15E-12 | 2482 | 3.91E-12 | 2584 | 6.64E-12 | 2686 | 1.16E-11 | 2788 | 6.17E-12 | 2890 | 1.38E-11 | 2992 | 1.77E-11 | 3094 | 1.73E-11 | 3196 | 2.16E-11 |
| 2076 | 4.36E-12 | 2178 | 6.12E-12 | 2280 | 4.77E-12 | 2382 | 2.91E-12 | 2484 | 3.80E-12 | 2586 | 6.29E-12 | 2688 | 1.12E-11 | 2790 | 5.06E-12 | 2892 | 1.39E-11 | 2994 | 1.79E-11 | 3096 | 1.69E-11 | 3198 | 2.30E-11 |


HD 69897 F6 V V=5.14 (B-V)=0.47 E(B-V)=-0.01
LAP: LWP 12708
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

HD 142860 F6 V V=3.85 (B-V)=0.48 E(B-V)=0.00

LAP: LWP 11179

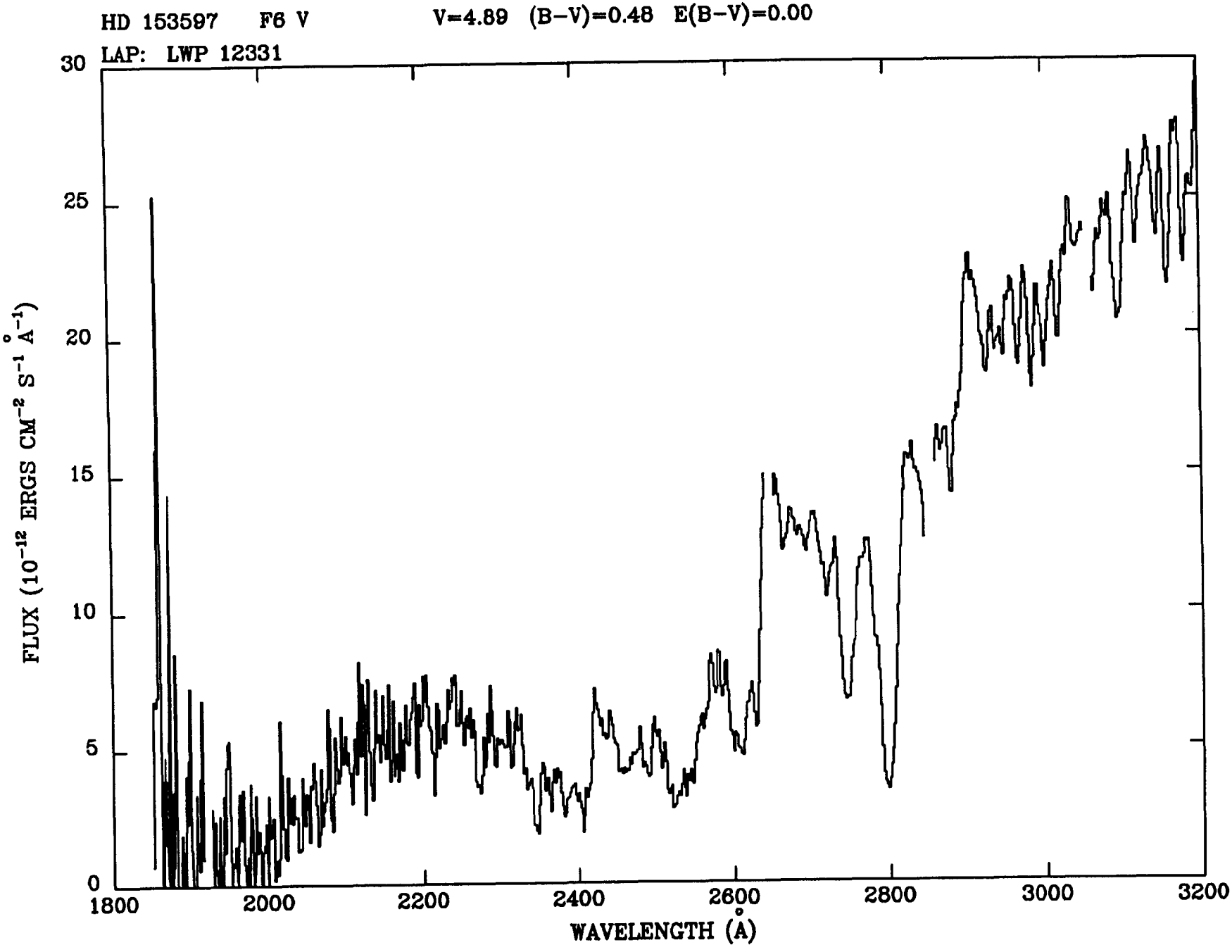
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 5.77E-12 | 2078 | 1.64E-11 | 2180 | 6.46E-12 | 2282 | 9.75E-12 | 2384 | 2.92E-12 | 2486 | 6.48E-12 | 2588 | 7.39E-12 | 2690 | 1.38E-11 | 2792 | 5.98E-12 | 2894 | 1.77E-11 | 2996 | 2.35E-11 | 3098 | 2.21E-11 |
| 1978 | 6.33E-12 | 2080 | 1.26E-11 | 2182 | 8.92E-12 | 2284 | 1.19E-11 | 2386 | 3.35E-12 | 2488 | 7.13E-12 | 2590 | 9.35E-12 | 2692 | 1.37E-11 | 2794 | 5.02E-12 | 2896 | 1.90E-11 | 2998 | 2.22E-11 | 3100 | 2.28E-11 |
| 1980 | 2.40E-12 | 2082 | 8.36E-12 | 2184 | 1.18E-11 | 2286 | 1.21E-11 | 2388 | 5.34E-12 | 2490 | 6.88E-12 | 2592 | 9.98E-12 | 2694 | 1.35E-11 | 2796 | 4.44E-12 | 2898 | 2.12E-11 | 3000 | 2.05E-11 | 3102 | 2.40E-11 |
| 1982 | 1.27E-11 | 2084 | 7.80E-12 | 2186 | 1.10E-11 | 2288 | 7.42E-12 | 2390 | 6.49E-12 | 2492 | 5.06E-12 | 2594 | 8.61E-12 | 2696 | 1.37E-11 | 2798 | 3.86E-12 | 2900 | 2.28E-11 | 3002 | 2.04E-11 | 3104 | 2.55E-11 |
| 1984 | 1.28E-11 | 2086 | 7.24E-12 | 2188 | 1.53E-11 | 2290 | 7.42E-12 | 2392 | 6.50E-12 | 2494 | 4.88E-12 | 2596 | 7.53E-12 | 2698 | 1.36E-11 | 2800 | 4.04E-12 | 2902 | 2.37E-11 | 3004 | 2.13E-11 | 3106 | 2.70E-11 |
| 1986 | 2.29E-12 | 2088 | 7.99E-12 | 2190 | 1.12E-11 | 2292 | 6.05E-12 | 2394 | 6.53E-12 | 2496 | 6.60E-12 | 2598 | 7.12E-12 | 2700 | 1.37E-11 | 2802 | 4.05E-12 | 2904 | 2.41E-11 | 3006 | 2.22E-11 | 3108 | 2.75E-11 |
| 1988 | -1.35E-12 | 2090 | 8.01E-12 | 2192 | 2.89E-12 | 2294 | 7.68E-12 | 2396 | 5.66E-12 | 2498 | 7.99E-12 | 2600 | 6.23E-12 | 2702 | 1.45E-11 | 2804 | 4.26E-12 | 2906 | 2.36E-11 | 3008 | 2.23E-11 | 3110 | 2.72E-11 |
| 1990 | 2.90E-13 | 2092 | 1.50E-11 | 2194 | 6.77E-12 | 2296 | 1.40E-11 | 2398 | 4.74E-12 | 2500 | 7.08E-12 | 2602 | 6.09E-12 | 2704 | 1.52E-11 | 2806 | 5.39E-12 | 2908 | 2.24E-11 | 3010 | 2.33E-11 | 3112 | 2.65E-11 |
| 1992 | 8.09E-13 | 2094 | 1.31E-11 | 2196 | 7.83E-12 | 2298 | 8.90E-12 | 2400 | 4.95E-12 | 2502 | 8.14E-12 | 2604 | 6.71E-12 | 2706 | 1.51E-11 | 2808 | 6.92E-12 | 2910 | 2.24E-11 | 3012 | 2.44E-11 | 3114 | 2.59E-11 |
| 1994 | 5.67E-12 | 2096 | 4.26E-14 | 2198 | 7.76E-12 | 2300 | 6.55E-12 | 2402 | 4.82E-12 | 2504 | 9.00E-12 | 2606 | 6.96E-12 | 2708 | 1.45E-11 | 2810 | 9.16E-12 | 2912 | 2.30E-11 | 3014 | 2.36E-11 | 3116 | 2.59E-11 |
| 1996 | 8.69E-12 | 2098 | 3.87E-12 | 2200 | 9.36E-12 | 2302 | 8.09E-12 | 2404 | 5.03E-12 | 2506 | 6.26E-12 | 2608 | 6.65E-12 | 2710 | 1.38E-11 | 2812 | 1.12E-11 | 2914 | 2.31E-11 | 3016 | 2.15E-11 | 3118 | 2.56E-11 |
| 1998 | 3.10E-12 | 2100 | 8.30E-12 | 2202 | 7.83E-12 | 2304 | 8.14E-12 | 2406 | 3.61E-12 | 2508 | 5.05E-12 | 2610 | 6.00E-12 | 2712 | 1.32E-11 | 2814 | 1.23E-11 | 2916 | 2.24E-11 | 3018 | 2.05E-11 | 3120 | 2.54E-11 |
| 2000 | 1.34E-12 | 2102 | 1.15E-11 | 2204 | 1.13E-11 | 2306 | 4.06E-12 | 2408 | 4.96E-12 | 2510 | 6.81E-12 | 2612 | 5.87E-12 | 2714 | 1.37E-11 | 2816 | 1.38E-11 | 2918 | 2.16E-11 | 3020 | 2.11E-11 | 3122 | 2.56E-11 |
| 2002 | 8.36E-13 | 2104 | 1.23E-11 | 2206 | 1.02E-11 | 2308 | 4.82E-12 | 2410 | 5.83E-12 | 2512 | 7.53E-12 | 2614 | 5.76E-12 | 2716 | 1.43E-11 | 2818 | 1.47E-11 | 2920 | 2.10E-11 | 3022 | 2.21E-11 | 3124 | 2.61E-11 |
| 2004 | -4.95E-13 | 2106 | 6.56E-12 | 2208 | 8.56E-12 | 2310 | 1.03E-11 | 2412 | 5.62E-12 | 2514 | 5.96E-12 | 2616 | 6.58E-12 | 2718 | 1.33E-11 | 2820 | 1.50E-11 | 2922 | 2.03E-11 | 3024 | 2.29E-11 | 3126 | 2.66E-11 |
| 2006 | 2.07E-12 | 2108 | 4.08E-12 | 2210 | 1.14E-11 | 2312 | 7.81E-12 | 2414 | 4.14E-12 | 2516 | 5.66E-12 | 2618 | 7.35E-12 | 2720 | 1.29E-11 | 2822 | 1.61E-11 | 2924 | 1.89E-11 | 3026 | 2.35E-11 | 3128 | 2.69E-11 |
| 2008 | -7.13E-12 | 2110 | 6.87E-12 | 2212 | 6.05E-12 | 2314 | 5.72E-12 | 2416 | 3.78E-12 | 2518 | 5.82E-12 | 2620 | 7.66E-12 | 2722 | 1.34E-11 | 2824 | 1.70E-11 | 2926 | 1.88E-11 | 3028 | 2.43E-11 | 3130 | 2.69E-11 |
| 2010 | -2.34E-12 | 2112 | 1.06E-11 | 2214 | 5.58E-12 | 2316 | 6.62E-12 | 2418 | 6.17E-12 | 2520 | 4.66E-12 | 2622 | 7.98E-12 | 2724 | 1.39E-11 | 2826 | 1.74E-11 | 2928 | 2.01E-11 | 3030 | 2.57E-11 | 3132 | 2.64E-11 |
| 2012 | -1.59E-13 | 2114 | 6.47E-12 | 2216 | 9.78E-12 | 2318 | 1.01E-11 | 2420 | 7.30E-12 | 2522 | 4.35E-12 | 2624 | 8.20E-12 | 2726 | 1.35E-11 | 2828 | 1.76E-11 | 2930 | 2.19E-11 | 3032 | 2.65E-11 | 3134 | 2.64E-11 |
| 2014 | 7.23E-12 | 2116 | 1.16E-11 | 2218 | 8.10E-12 | 2320 | 7.66E-12 | 2422 | 7.59E-12 | 2524 | 4.15E-12 | 2626 | 7.65E-12 | 2728 | 1.32E-11 | 2830 | 1.73E-11 | 2932 | 2.33E-11 | 3034 | 2.61E-11 | 3136 | 2.72E-11 |
| 2016 | 1.26E-11 | 2118 | 1.26E-11 | 2220 | 8.55E-12 | 2322 | 8.59E-12 | 2424 | 7.63E-12 | 2526 | 4.34E-12 | 2628 | 6.38E-12 | 2730 | 1.38E-11 | 2832 | 1.70E-11 | 2934 | 2.37E-11 | 3036 | 2.58E-11 | 3138 | 2.77E-11 |
| 2018 | 4.30E-13 | 2120 | 8.54E-12 | 2222 | 9.05E-12 | 2324 | 1.11E-11 | 2426 | 7.64E-12 | 2528 | 4.05E-12 | 2630 | 6.06E-12 | 2732 | 1.37E-11 | 2834 | 1.77E-11 | 2936 | 2.25E-11 | 3038 | 2.49E-11 | 3140 | 2.72E-11 |
| 2020 | -7.17E-12 | 2122 | 2.03E-11 | 2224 | 1.06E-11 | 2326 | 1.08E-11 | 2428 | 9.19E-12 | 2530 | 2.75E-12 | 2632 | 6.20E-12 | 2734 | 1.26E-11 | 2836 | 1.78E-11 | 2938 | 2.14E-11 | 3040 | 2.46E-11 | 3142 | 2.62E-11 |
| 2022 | -3.09E-12 | 2124 | 8.61E-12 | 2226 | 1.09E-11 | 2328 | 8.84E-12 | 2430 | 9.63E-12 | 2532 | 3.28E-12 | 2634 | 7.89E-12 | 2736 | 1.19E-11 | 2838 | 1.76E-11 | 2940 | 2.06E-11 | 3042 | 2.49E-11 | 3144 | 2.51E-11 |
| 2024 | 6.24E-12 | 2126 | 5.42E-12 | 2228 | 1.05E-11 | 2330 | 6.92E-12 | 2432 | 8.56E-12 | 2534 | 5.73E-12 | 2636 | 1.09E-11 | 2738 | 1.12E-11 | 2840 | 1.70E-11 | 2942 | 2.07E-11 | 3044 | 2.51E-11 | 3146 | 2.46E-11 |
| 2026 | 4.40E-12 | 2128 | 1.38E-11 | 2230 | 1.34E-11 | 2332 | 6.78E-12 | 2434 | 7.80E-12 | 2536 | 5.25E-12 | 2638 | 1.35E-11 | 2740 | 9.90E-12 | 2842 | 1.58E-11 | 2944 | 2.12E-11 | 3046 | 2.56E-11 | 3148 | 2.60E-11 |
| 2028 | -2.81E-12 | 2130 | 1.20E-11 | 2232 | 1.42E-11 | 2334 | 7.60E-12 | 2436 | 5.09E-12 | 2538 | 4.27E-12 | 2640 | 1.49E-11 | 2742 | 8.17E-12 | 2844 | 1.59E-11 | 2946 | 2.15E-11 | 3048 | 2.65E-11 | 3150 | 2.79E-11 |
| 2030 | -2.66E-12 | 2132 | 3.99E-12 | 2234 | 7.99E-12 | 2336 | 9.80E-12 | 2438 | 8.77E-12 | 2540 | 4.60E-12 | 2642 | 1.62E-11 | 2744 | 7.32E-12 | 2846 | 1.56E-11 | 2948 | 2.07E-11 | 3050 | 2.68E-11 | 3152 | 2.83E-11 |
| 2032 | 5.57E-12 | 2134 | 1.26E-12 | 2236 | 7.84E-12 | 2338 | 9.56E-12 | 2440 | 9.69E-12 | 2542 | 4.57E-12 | 2644 | | 2746 | 7.85E-12 | 2848 | | 2950 | 2.01E-11 | 3052 | | 3154 | 2.68E-11 |
| 2034 | 1.33E-12 | 2136 | 2.85E-12 | 2238 | 1.21E-11 | 2340 | 6.53E-12 | 2442 | 8.42E-12 | 2544 | 4.51E-12 | 2646 | | 2748 | 7.96E-12 | 2850 | | 2952 | 2.03E-11 | 3054 | | 3156 | 2.52E-11 |
| 2036 | 6.02E-12 | 2138 | 5.48E-12 | 2240 | 1.40E-11 | 2342 | 3.84E-12 | 2444 | 6.46E-12 | 2546 | 3.84E-12 | 2648 | | 2750 | 8.14E-12 | 2852 | | 2954 | 2.09E-11 | 3056 | | 3158 | 2.43E-11 |
| 2038 | 4.41E-12 | 2140 | 4.23E-12 | 2242 | 1.38E-11 | 2344 | 2.54E-12 | 2446 | 6.72E-12 | 2548 | 4.26E-12 | 2650 | 1.45E-11 | 2752 | 8.98E-12 | 2854 | | 2956 | 2.25E-11 | 3058 | | 3160 | 2.34E-11 |
| 2040 | -3.94E-12 | 2142 | 7.20E-12 | 2244 | 9.29E-12 | 2346 | 2.36E-12 | 2448 | 6.49E-12 | 2550 | 4.80E-12 | 2652 | 1.46E-11 | 2754 | 9.90E-12 | 2856 | 1.47E-11 | 2958 | 2.37E-11 | 3060 | | 3162 | 2.36E-11 |
| 2042 | 5.82E-12 | 2144 | 7.28E-12 | 2246 | 8.65E-12 | 2348 | 3.48E-12 | 2450 | 5.84E-12 | 2552 | 5.48E-12 | 2654 | 1.47E-11 | 2756 | 1.02E-11 | 2858 | 1.58E-11 | 2960 | 2.37E-11 | 3062 | 2.57E-11 | 3164 | 2.50E-11 |
| 2044 | 1.51E-11 | 2146 | 9.26E-12 | 2248 | 1.14E-11 | 2350 | 4.40E-12 | 2452 | 6.53E-12 | 2554 | 6.62E-12 | 2656 | 1.48E-11 | 2758 | 1.07E-11 | 2860 | 1.79E-11 | 2962 | 2.28E-11 | 3064 | 2.45E-11 | 3166 | 2.69E-11 |
| 2046 | 5.21E-12 | 2148 | 9.73E-12 | 2250 | 1.13E-11 | 2352 | 6.87E-12 | 2454 | 6.41E-12 | 2556 | 6.85E-12 | 2658 | 1.60E-11 | 2760 | 1.13E-11 | 2862 | 1.90E-11 | 2964 | 2.23E-11 | 3066 | 2.37E-11 | 3168 | 2.75E-11 |
| 2048 | 5.17E-12 | 2150 | 8.19E-12 | 2252 | 8.58E-12 | 2354 | 4.84E-12 | 2456 | 4.96E-12 | 2558 | 7.39E-12 | 2660 | 1.67E-11 | 2762 | 1.21E-11 | 2864 | 1.86E-11 | 2966 | 2.22E-11 | 3068 | 2.51E-11 | 3170 | 2.70E-11 |
| 2050 | 3.17E-12 | 2152 | 7.49E-12 | 2254 | 1.02E-11 | 2356 | 5.88E-12 | 2458 | 5.34E-12 | 2560 | 7.58E-12 | 2662 | 1.44E-11 | 2764 | 1.30E-11 | 2866 | 1.79E-11 | 2968 | 2.21E-11 | 3070 | 2.65E-11 | 3172 | 2.68E-11 |
| 2052 | 2.36E-12 | 2154 | 1.10E-11 | 2256 | 1.30E-11 | 2358 | 5.36E-12 | 2460 | 5.57E-12 | 2562 | 7.10E-12 | 2664 | 1.32E-11 | 2766 | 1.30E-11 | 2868 | 1.75E-11 | 2970 | 2.17E-11 | 3072 | 2.57E-11 | 3174 | 2.63E-11 |
| 2054 | 7.72E-12 | 2156 | 1.16E-11 | 2258 | 1.36E-11 | 2360 | 6.68E-12 | 2462 | 5.27E-12 | 2564 | 6.76E-12 | 2666 | 1.36E-11 | 2768 | 1.31E-11 | 2870 | 1.78E-11 | 2972 | 2.20E-11 | 3074 | 2.48E-11 | 3176 | 2.46E-11 |
| 2056 | 9.89E-12 | 2158 | 7.44E-12 | 2260 | 8.02E-12 | 2362 | 5.29E-12 | 2464 | 5.03E-12 | 2566 | 6.79E-12 | 2668 | 1.31E-11 | 2770 | 1.31E-11 | 2872 | 1.83E-11 | 2974 | 2.30E-11 | 3076 | 2.45E-11 | 3178 | 2.30E-11 |
| 2058 | 1.39E-11 | 2160 | 1.23E-11 | 2262 | 5.21E-12 | 2364 | 4.05E-12 | 2466 | 5.70E-12 | 2568 | 8.16E-12 | 2670 | 1.31E-11 | 2772 | 1.30E-11 | 2874 | 1.80E-11 | 2976 | 2.44E-11 | 3078 | 2.58E-11 | 3180 | 2.27E-11 |
| 2060 | 1.49E-11 | 2162 | 8.30E-12 | 2264 | 9.24E-12 | 2366 | 6.10E-12 | 2468 | 5.31E-12 | 2570 | 8.95E-12 | 2672 | 1.37E-11 | 2774 | 1.35E-11 | 2876 | 1.71E-11 | 2978 | 2.50E-11 | 3080 | 2.70E-11 | 3182 | 2.40E-11 |
| 2062 | 8.98E-12 | 2164 | 3.98E-12 | 2266 | 1.17E-11 | 2368 | 7.08E-12 | 2470 | 6.89E-12 | 2572 | 9.38E-12 | 2674 | 1.45E-11 | 2776 | 1.33E-11 | 2878 | 1.64E-11 | 2980 | 2.46E-11 | 3082 | 2.73E-11 | 3184 | 2.46E-11 |
| 2064 | 3.37E-12 | 2166 | 4.64E-12 | 2268 | 9.28E-12 | 2370 | 6.04E-12 | 2472 | 6.85E-12 | 2574 | 9.30E-12 | 2676 | 1.40E-11 | 2778 | 1.25E-11 | 2880 | 1.55E-11 | 2982 | 2.31E-11 | 3084 | 2.71E-11 | 3186 | 2.49E-11 |
| 2066 | 7.09E-12 | 2168 | 2.20E-12 | 2270 | 6.07E-12 | 2372 | 6.19E-12 | 2474 | 6.69E-12 | 2576 | 9.22E-12 | 2678 | 1.33E-11 | 2780 | 1.19E-11 | 2882 | 1.60E-11 | 2984 | 2.16E-11 | 3086 | 2.61E-11 | 3188 | 2.59E-11 |
| 2068 | 5.39E-12 | 2170 | 9.29E-12 | 2272 | 5.08E-12 | 2374 | 6.23E-12 | 2476 | 5.71E-12 | 2578 | 8.10E-12 | 2680 | 1.36E-11 | 2782 | 1.11E-11 | 2884 | 1.75E-11 | 2986 | 2.12E-11 | 3088 | 2.45E-11 | 3190 | 2.66E-11 |
| 2070 | 1.11E-12 | 2172 | 9.31E-12 | 2274 | 7.94E-12 | 2376 | 6.38E-12 | 2478 | 7.33E-12 | 2580 | 9.30E-12 | 2682 | 1.43E-11 | 2784 | 1.07E-11 | 2886 | 1.83E-11 | 2988 | 2.28E-11 | 3090 | 2.37E-11 | 3192 | 2.58E-11 |
| 2072 | 4.42E-12 | 2174 | 5.41E-12 | 2276 | 1.01E-11 | 2378 | 4.30E-12 | 2480 | 6.78E-12 | 2582 | 9.02E-12 | 2684 | 1.44E-11 | 2786 | 1.01E-11 | 2888 | 1.87E-11 | 2990 | 2.50E-11 | 3092 | 2.32E-11 | 3194 | 2.51E-11 |
| 2074 | 5.18E-12 | 2176 | 7.84E-12 | 2278 | 6.71E-12 | 2380 | 4.49E-12 | 2482 | 4.55E-12 | 2584 | 7.87E-12 | 2686 | 1.45E-11 | 2788 | 9.18E-12 | 2890 | 1.84E-11 | 2992 | 2.52E-11 | 3094 | 2.28E-11 | 3196 | 2.61E-11 |
| 2076 | 1.19E-11 | 2178 | 1.08E-11 | 2280 | 4.83E-12 | 2382 | 4.22E-12 | 2484 | 5.24E-12 | 2586 | 7.31E-12 | 2688 | 1.44E-11 | 2790 | 7.49E-12 | 2892 | 1.78E-11 | 2994 | 2.43E-11 | 3096 | 2.25E-11 | 3198 | 2.84E-11 |


HD 142860 F6 V
V=3.85 (B-V)=0.48 E(B-V)=0.00
LAP: LWP 11179
FLUX ($10^{-11}$ ERGS CM$^{-2}$ S$^{-1}$ Å$^{-1}$)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 153597 F6 V V=4.89 (B-V)=0.48 E(B-V)=0.00

LAP: LWP 12331

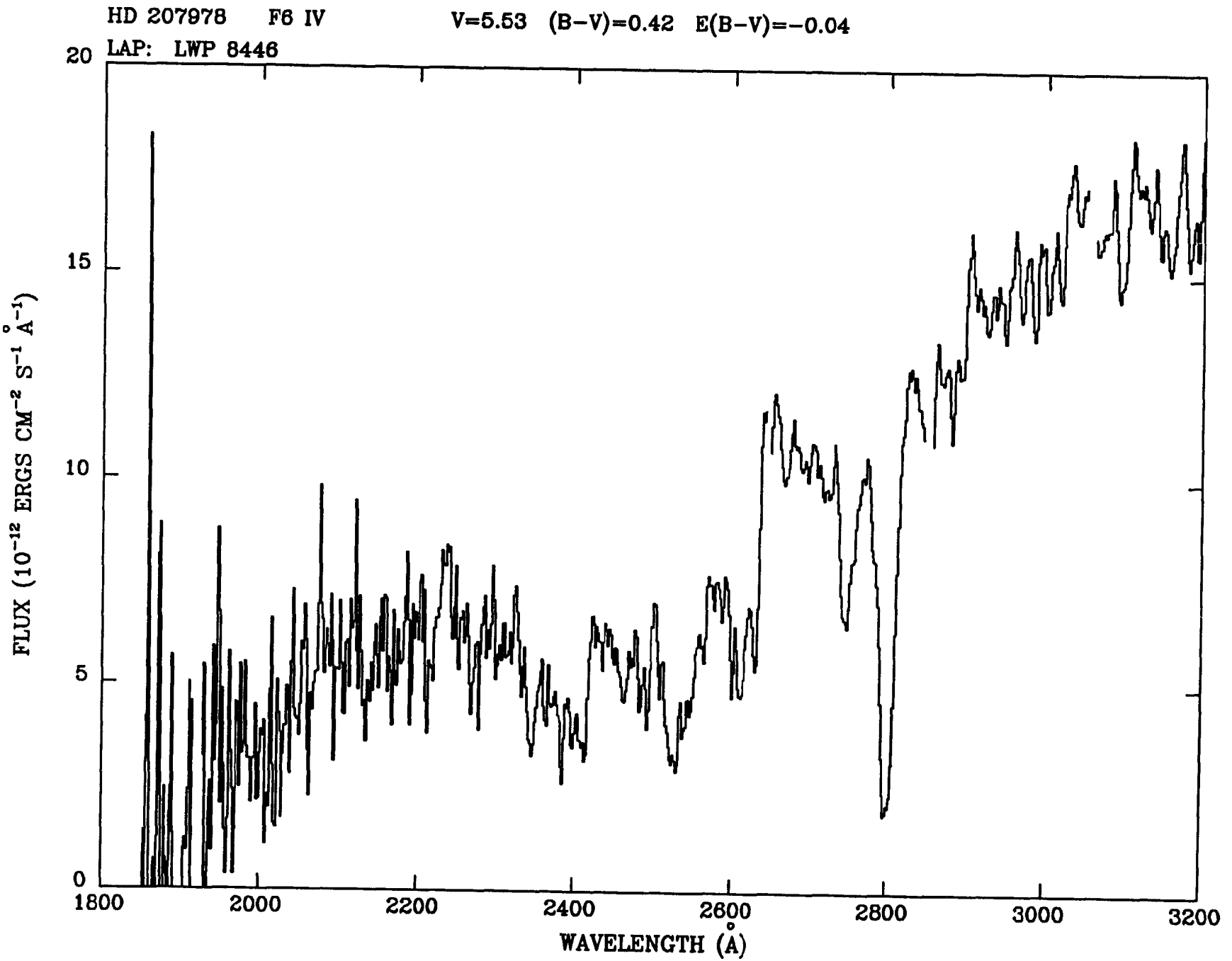
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.89E-12 | 2078 | 6.14E-12 | 2180 | 5.25E-12 | 2282 | 5.60E-12 | 2384 | 2.63E-12 | 2486 | 4.33E-12 | 2588 | 7.46E-12 | 2690 | 1.27E-11 | 2792 | 4.55E-12 | 2894 | 1.84E-11 | 2996 | 2.04E-11 | 3098 | 2.09E-11 |
| 1978 | 2.95E-12 | 2080 | 3.94E-12 | 2182 | 5.32E-12 | 2284 | 5.60E-12 | 2386 | 3.12E-12 | 2488 | 4.07E-12 | 2590 | 8.06E-12 | 2692 | 1.23E-11 | 2794 | 3.82E-12 | 2896 | 1.95E-11 | 2998 | 1.97E-11 | 3100 | 2.20E-11 |
| 1980 | 4.69E-13 | 2082 | 2.14E-12 | 2184 | 6.16E-12 | 2286 | 6.78E-12 | 2388 | 3.20E-12 | 2490 | 3.92E-12 | 2592 | 7.67E-12 | 2694 | 1.21E-11 | 2796 | 3.57E-12 | 2898 | 2.12E-11 | 3000 | 1.89E-11 | 3102 | 2.35E-11 |
| 1982 | 5.49E-13 | 2084 | 2.96E-12 | 2186 | 6.50E-12 | 2288 | 6.56E-12 | 2390 | 3.39E-12 | 2492 | 3.94E-12 | 2594 | 6.65E-12 | 2696 | 1.25E-11 | 2798 | 3.43E-12 | 2900 | 2.20E-11 | 3002 | 1.94E-11 | 3104 | 2.46E-11 |
| 1984 | 2.95E-12 | 2086 | 4.94E-12 | 2188 | 7.09E-12 | 2290 | 5.61E-12 | 2392 | 3.53E-12 | 2494 | 4.94E-12 | 2596 | 5.85E-12 | 2698 | 1.28E-11 | 2800 | 3.62E-12 | 2902 | 2.24E-11 | 3004 | 2.02E-11 | 3106 | 2.50E-11 |
| 1986 | 1.42E-12 | 2088 | 4.54E-12 | 2190 | 6.11E-12 | 2292 | 4.44E-12 | 2394 | 3.60E-12 | 2496 | 5.83E-12 | 2598 | 5.46E-12 | 2700 | 1.32E-11 | 2802 | 4.15E-12 | 2904 | 2.29E-11 | 3006 | 2.11E-11 | 3108 | 2.53E-11 |
| 1988 | 1.92E-12 | 2090 | 3.86E-12 | 2192 | 4.07E-12 | 2294 | 4.37E-12 | 2396 | 3.41E-12 | 2498 | 5.99E-12 | 2600 | 5.02E-12 | 2702 | 1.35E-11 | 2804 | 4.75E-12 | 2906 | 2.26E-11 | 3008 | 2.16E-11 | 3110 | 2.61E-11 |
| 1990 | 1.18E-12 | 2092 | 4.05E-12 | 2194 | 5.44E-12 | 2296 | 5.34E-12 | 2398 | 3.08E-12 | 2500 | 5.48E-12 | 2602 | 5.33E-12 | 2704 | 1.35E-11 | 2806 | 5.60E-12 | 2908 | 2.21E-11 | 3010 | 2.22E-11 | 3112 | 2.64E-11 |
| 1992 | 2.45E-13 | 2094 | 6.13E-12 | 2196 | 6.18E-12 | 2298 | 5.17E-12 | 2400 | 3.22E-12 | 2502 | 5.44E-12 | 2604 | 5.42E-12 | 2706 | 1.34E-11 | 2808 | 6.94E-12 | 2910 | 2.21E-11 | 3012 | 2.25E-11 | 3114 | 2.56E-11 |
| 1994 | 1.30E-12 | 2096 | 4.57E-12 | 2198 | 5.99E-12 | 2300 | 5.30E-12 | 2402 | 3.07E-12 | 2504 | 5.33E-12 | 2606 | 5.04E-12 | 2708 | 1.30E-11 | 2810 | 8.62E-12 | 2912 | 2.18E-11 | 3014 | 2.17E-11 | 3116 | 2.44E-11 |
| 1996 | 1.73E-12 | 2098 | 5.15E-12 | 2200 | 7.27E-12 | 2302 | 5.26E-12 | 2404 | 2.78E-12 | 2506 | 4.55E-12 | 2608 | 4.92E-12 | 2710 | 1.26E-11 | 2812 | 1.02E-11 | 2914 | 2.14E-11 | 3016 | 2.04E-11 | 3118 | 2.34E-11 |
| 1998 | 1.47E-12 | 2100 | 5.24E-12 | 2202 | 6.92E-12 | 2304 | 5.11E-12 | 2406 | 1.96E-12 | 2508 | 4.30E-12 | 2610 | 4.72E-12 | 2712 | 1.22E-11 | 2814 | 1.13E-11 | 2916 | 2.09E-11 | 3018 | 1.98E-11 | 3120 | 2.39E-11 |
| 2000 | 1.97E-12 | 2102 | 4.62E-12 | 2204 | 7.56E-12 | 2306 | 5.04E-12 | 2408 | 2.50E-12 | 2510 | 4.82E-12 | 2612 | 4.76E-12 | 2714 | 1.18E-11 | 2816 | 1.25E-11 | 2918 | 2.02E-11 | 3020 | 2.02E-11 | 3122 | 2.48E-11 |
| 2002 | 2.00E-12 | 2104 | 4.61E-12 | 2206 | 6.60E-12 | 2308 | 5.70E-12 | 2410 | 3.45E-12 | 2512 | 4.72E-12 | 2614 | 5.36E-12 | 2716 | 1.16E-11 | 2818 | 1.35E-11 | 2920 | 1.99E-11 | 3022 | 2.15E-11 | 3124 | 2.53E-11 |
| 2004 | 2.20E-12 | 2106 | 3.94E-12 | 2208 | 5.80E-12 | 2310 | 6.18E-12 | 2412 | 3.20E-12 | 2514 | 3.76E-12 | 2616 | 6.14E-12 | 2718 | 1.12E-11 | 2820 | 1.46E-11 | 2922 | 1.96E-11 | 3024 | 2.26E-11 | 3126 | 2.57E-11 |
| 2006 | 2.47E-12 | 2108 | 3.31E-12 | 2210 | 5.61E-12 | 2312 | 4.90E-12 | 2414 | 3.48E-12 | 2516 | 3.29E-12 | 2618 | 6.58E-12 | 2720 | 1.06E-11 | 2822 | 1.54E-11 | 2924 | 1.87E-11 | 3026 | 2.31E-11 | 3128 | 2.58E-11 |
| 2008 | 2.31E-13 | 2110 | 3.84E-12 | 2212 | 4.62E-12 | 2314 | 4.33E-12 | 2416 | 3.93E-12 | 2518 | 3.41E-12 | 2620 | 6.76E-12 | 2722 | 1.08E-11 | 2824 | 1.56E-11 | 2926 | 1.86E-11 | 3028 | 2.30E-11 | 3130 | 2.61E-11 |
| 2010 | 8.46E-13 | 2112 | 5.04E-12 | 2214 | 3.64E-12 | 2316 | 4.95E-12 | 2418 | 5.16E-12 | 2520 | 3.55E-12 | 2622 | 7.14E-12 | 2724 | 1.13E-11 | 2826 | 1.55E-11 | 2928 | 1.92E-11 | 3030 | 2.35E-11 | 3132 | 2.67E-11 |
| 2012 | 5.24E-13 | 2114 | 4.43E-12 | 2216 | 5.29E-12 | 2318 | 5.83E-12 | 2420 | 6.66E-12 | 2522 | 2.78E-12 | 2624 | 7.08E-12 | 2726 | 1.16E-11 | 2828 | 1.55E-11 | 2930 | 2.02E-11 | 3032 | 2.47E-11 | 3134 | 2.70E-11 |
| 2014 | 2.27E-12 | 2116 | 5.62E-12 | 2218 | 6.57E-12 | 2320 | 6.41E-12 | 2422 | 6.87E-12 | 2524 | 2.77E-12 | 2626 | 6.49E-12 | 2728 | 1.17E-11 | 2830 | 1.59E-11 | 2932 | 2.08E-11 | 3034 | 2.49E-11 | 3136 | 2.65E-11 |
| 2016 | 5.38E-12 | 2118 | 7.86E-12 | 2220 | 5.80E-12 | 2322 | 5.70E-12 | 2424 | 6.47E-12 | 2526 | 2.89E-12 | 2628 | 5.89E-12 | 2730 | 1.23E-11 | 2832 | 1.55E-11 | 2934 | 2.06E-11 | 3036 | 2.41E-11 | 3138 | 2.60E-11 |
| 2018 | 3.28E-12 | 2120 | 4.94E-12 | 2222 | 5.19E-12 | 2324 | 5.76E-12 | 2426 | 6.20E-12 | 2528 | 3.21E-12 | 2630 | 5.79E-12 | 2732 | 1.24E-11 | 2834 | 1.51E-11 | 2936 | 1.98E-11 | 3038 | 2.33E-11 | 3140 | 2.54E-11 |
| 2020 | 1.62E-12 | 2122 | 7.35E-12 | 2224 | 5.63E-12 | 2326 | 6.06E-12 | 2428 | 5.89E-12 | 2530 | 3.29E-12 | 2632 | 6.99E-12 | 2734 | 1.13E-11 | 2836 | 1.51E-11 | 2938 | 1.95E-11 | 3040 | 2.32E-11 | 3142 | 2.44E-11 |
| 2022 | 9.92E-13 | 2124 | 6.04E-12 | 2226 | 5.88E-12 | 2328 | 4.84E-12 | 2430 | 5.98E-12 | 2532 | 3.32E-12 | 2634 | 8.94E-12 | 2736 | 9.72E-12 | 2838 | 1.49E-11 | 2940 | 1.97E-11 | 3042 | 2.32E-11 | 3144 | 2.37E-11 |
| 2024 | 2.78E-12 | 2126 | 3.20E-12 | 2228 | 5.43E-12 | 2330 | 4.12E-12 | 2432 | 5.56E-12 | 2534 | 3.82E-12 | 2636 | 1.09E-11 | 2738 | 8.59E-12 | 2840 | 1.45E-11 | 2942 | 1.98E-11 | 3044 | 2.33E-11 | 3146 | 2.41E-11 |
| 2026 | 2.90E-12 | 2128 | 6.12E-12 | 2230 | 5.80E-12 | 2332 | 3.98E-12 | 2434 | 5.50E-12 | 2536 | 3.84E-12 | 2638 | 1.29E-11 | 2740 | 7.76E-12 | 2842 | 1.42E-11 | 2944 | 2.01E-11 | 3046 | 2.36E-11 | 3148 | 2.55E-11 |
| 2028 | 3.00E-12 | 2130 | 6.77E-12 | 2232 | 6.99E-12 | 2334 | 3.53E-12 | 2436 | 5.33E-12 | 2538 | 3.29E-12 | 2640 | 1.41E-11 | 2742 | 7.04E-12 | 2844 | 1.35E-11 | 2946 | 1.97E-11 | 3048 | 2.38E-11 | 3150 | 2.66E-11 |
| 2030 | 2.47E-12 | 2132 | 4.49E-12 | 2234 | 6.54E-12 | 2336 | 3.67E-12 | 2438 | 5.42E-12 | 2540 | 3.65E-12 | 2642 | 1.49E-11 | 2744 | 6.75E-12 | 2846 | 1.26E-11 | 2948 | 1.93E-11 | 3050 | 2.39E-11 | 3152 | 2.60E-11 |
| 2032 | 3.18E-12 | 2134 | 3.44E-12 | 2236 | 6.76E-12 | 2338 | 3.80E-12 | 2440 | 6.28E-12 | 2542 | 3.81E-12 | 2644 | | 2746 | 6.76E-12 | 2848 | | 2950 | 2.03E-11 | 3052 | 2.37E-11 | 3154 | 2.40E-11 |
| 2034 | 2.52E-12 | 2136 | 4.08E-12 | 2238 | 7.57E-12 | 2340 | 3.65E-12 | 2442 | 6.02E-12 | 2544 | 4.05E-12 | 2646 | | 2748 | 6.78E-12 | 2850 | | 2952 | 2.13E-11 | 3054 | | 3156 | 2.22E-11 |
| 2036 | 2.45E-12 | 2138 | 6.21E-12 | 2240 | 7.41E-12 | 2342 | 2.63E-12 | 2444 | 5.68E-12 | 2546 | 3.78E-12 | 2648 | | 2750 | 7.22E-12 | 2852 | | 2954 | 2.12E-11 | 3056 | | 3158 | 2.18E-11 |
| 2038 | 1.25E-12 | 2140 | 5.95E-12 | 2242 | 7.23E-12 | 2344 | 2.15E-12 | 2446 | 5.26E-12 | 2548 | 3.64E-12 | 2650 | | 2752 | 8.17E-12 | 2854 | | 2956 | 2.16E-11 | 3058 | | 3160 | 2.26E-11 |
| 2040 | 1.28E-12 | 2142 | 5.48E-12 | 2244 | 5.86E-12 | 2346 | 1.98E-12 | 2448 | 5.13E-12 | 2550 | 4.40E-12 | 2652 | 1.41E-11 | 2754 | 8.66E-12 | 2856 | | 2958 | 2.20E-11 | 3060 | | 3162 | 2.40E-11 |
| 2042 | 1.99E-12 | 2144 | 4.80E-12 | 2246 | 6.06E-12 | 2348 | 1.83E-12 | 2450 | 4.65E-12 | 2552 | 5.12E-12 | 2654 | 1.46E-11 | 2756 | 8.94E-12 | 2858 | 1.53E-11 | 2960 | 2.18E-11 | 3062 | 2.20E-11 | 3164 | 2.56E-11 |
| 2044 | 3.63E-12 | 2146 | 5.37E-12 | 2248 | 6.74E-12 | 2350 | 2.82E-12 | 2452 | 4.13E-12 | 2554 | 5.53E-12 | 2656 | 1.48E-11 | 2758 | 9.88E-12 | 2860 | 1.59E-11 | 2962 | 2.11E-11 | 3064 | 2.16E-11 | 3166 | 2.72E-11 |
| 2046 | 2.61E-12 | 2148 | 6.82E-12 | 2250 | 6.53E-12 | 2352 | 4.07E-12 | 2454 | 4.18E-12 | 2556 | 5.80E-12 | 2658 | 1.43E-11 | 2760 | 1.10E-11 | 2862 | 1.65E-11 | 2964 | 1.98E-11 | 3066 | 2.20E-11 | 3168 | 2.75E-11 |
| 2048 | 2.72E-12 | 2150 | 5.25E-12 | 2252 | 5.50E-12 | 2354 | 4.41E-12 | 2456 | 4.10E-12 | 2558 | 6.12E-12 | 2660 | 1.39E-11 | 2762 | 1.16E-11 | 2864 | 1.61E-11 | 2966 | 1.89E-11 | 3068 | 2.32E-11 | 3170 | 2.75E-11 |
| 2050 | 3.10E-12 | 2152 | 4.78E-12 | 2254 | 5.72E-12 | 2356 | 4.11E-12 | 2458 | 4.19E-12 | 2560 | 6.03E-12 | 2662 | 1.32E-11 | 2764 | 1.18E-11 | 2866 | 1.57E-11 | 2968 | 1.92E-11 | 3070 | 2.37E-11 | 3172 | 2.77E-11 |
| 2052 | 2.16E-12 | 2154 | 5.96E-12 | 2256 | 6.17E-12 | 2358 | 3.41E-12 | 2460 | 4.10E-12 | 2562 | 5.78E-12 | 2664 | 1.23E-11 | 2766 | 1.18E-11 | 2868 | 1.60E-11 | 2970 | 2.01E-11 | 3072 | 2.34E-11 | 3174 | 2.71E-11 |
| 2054 | 2.95E-12 | 2156 | 6.48E-12 | 2258 | 5.86E-12 | 2360 | 3.61E-12 | 2462 | 4.17E-12 | 2564 | 6.17E-12 | 2666 | 1.23E-11 | 2768 | 1.19E-11 | 2870 | 1.65E-11 | 2972 | 2.13E-11 | 3074 | 2.37E-11 | 3176 | 2.51E-11 |
| 2056 | 3.60E-12 | 2158 | 4.06E-12 | 2260 | 6.32E-12 | 2362 | 3.65E-12 | 2464 | 4.14E-12 | 2566 | 6.49E-12 | 2668 | 1.26E-11 | 2770 | 1.23E-11 | 2872 | 1.65E-11 | 2974 | 2.23E-11 | 3076 | 2.44E-11 | 3178 | 2.30E-11 |
| 2058 | 4.28E-12 | 2160 | 5.35E-12 | 2262 | 5.58E-12 | 2364 | 2.98E-12 | 2466 | 4.59E-12 | 2568 | 7.43E-12 | 2670 | 1.28E-11 | 2772 | 1.25E-11 | 2874 | 1.63E-11 | 2976 | 2.22E-11 | 3078 | 2.47E-11 | 3180 | 2.26E-11 |
| 2060 | 3.95E-12 | 2162 | 5.53E-12 | 2264 | 6.00E-12 | 2366 | 3.24E-12 | 2468 | 4.41E-12 | 2570 | 8.27E-12 | 2672 | 1.32E-11 | 2774 | 1.25E-11 | 2876 | 1.55E-11 | 2978 | 2.14E-11 | 3080 | 2.43E-11 | 3182 | 2.35E-11 |
| 2062 | 3.06E-12 | 2164 | 4.17E-12 | 2266 | 5.55E-12 | 2368 | 4.00E-12 | 2470 | 4.77E-12 | 2572 | 8.12E-12 | 2674 | 1.37E-11 | 2776 | 1.19E-11 | 2878 | 1.47E-11 | 2980 | 2.00E-11 | 3082 | 2.45E-11 | 3184 | 2.50E-11 |
| 2064 | 1.57E-12 | 2166 | 4.60E-12 | 2268 | 3.76E-12 | 2370 | 3.88E-12 | 2472 | 4.75E-12 | 2574 | 7.38E-12 | 2676 | 1.35E-11 | 2778 | 1.09E-11 | 2880 | 1.42E-11 | 2982 | 1.85E-11 | 3084 | 2.49E-11 | 3186 | 2.57E-11 |
| 2066 | 2.15E-12 | 2168 | 4.19E-12 | 2270 | 3.60E-12 | 2372 | 4.10E-12 | 2474 | 4.82E-12 | 2576 | 6.98E-12 | 2678 | 1.33E-11 | 2780 | 9.76E-12 | 2882 | 1.49E-11 | 2984 | 1.81E-11 | 3086 | 2.45E-11 | 3188 | 2.56E-11 |
| 2068 | 3.98E-12 | 2170 | 5.33E-12 | 2272 | 3.59E-12 | 2374 | 3.97E-12 | 2476 | 4.89E-12 | 2578 | 7.06E-12 | 2680 | 1.31E-11 | 2782 | 8.97E-12 | 2884 | 1.63E-11 | 2986 | 1.92E-11 | 3088 | 2.30E-11 | 3190 | 2.54E-11 |
| 2070 | 2.33E-12 | 2172 | 5.51E-12 | 2274 | 3.58E-12 | 2376 | 4.07E-12 | 2478 | 5.27E-12 | 2580 | 8.41E-12 | 2682 | 1.27E-11 | 2784 | 8.88E-12 | 2886 | 1.69E-11 | 2988 | 2.06E-11 | 3090 | 2.21E-11 | 3192 | 2.55E-11 |
| 2072 | 2.83E-12 | 2174 | 4.46E-12 | 2276 | 4.57E-12 | 2378 | 3.37E-12 | 2480 | 5.42E-12 | 2582 | 8.30E-12 | 2684 | 1.29E-11 | 2786 | 8.42E-12 | 2888 | 1.73E-11 | 2990 | 2.18E-11 | 3092 | 2.12E-11 | 3194 | 2.65E-11 |
| 2074 | 3.26E-12 | 2176 | 5.19E-12 | 2278 | 4.93E-12 | 2380 | 2.81E-12 | 2482 | 4.63E-12 | 2584 | 7.09E-12 | 2686 | 1.30E-11 | 2788 | 7.39E-12 | 2890 | 1.73E-11 | 2992 | 2.15E-11 | 3094 | 2.06E-11 | 3196 | 2.81E-11 |
| 2076 | 4.88E-12 | 2178 | 6.55E-12 | 2280 | 4.47E-12 | 2382 | 2.46E-12 | 2484 | 4.35E-12 | 2586 | 6.92E-12 | 2688 | 1.29E-11 | 2790 | 5.90E-12 | 2892 | 1.77E-11 | 2994 | 2.08E-11 | 3096 | 2.07E-11 | 3198 | 2.94E-11 |


HD 153597 F6 V
V=4.89 (B-V)=0.48 E(B-V)=0.00
LAP: LWP 12331
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 207978 F6 IV V=5.53 (B-V)=0.42 E(B-V)=-0.04**

**LAP: LWP 8446**

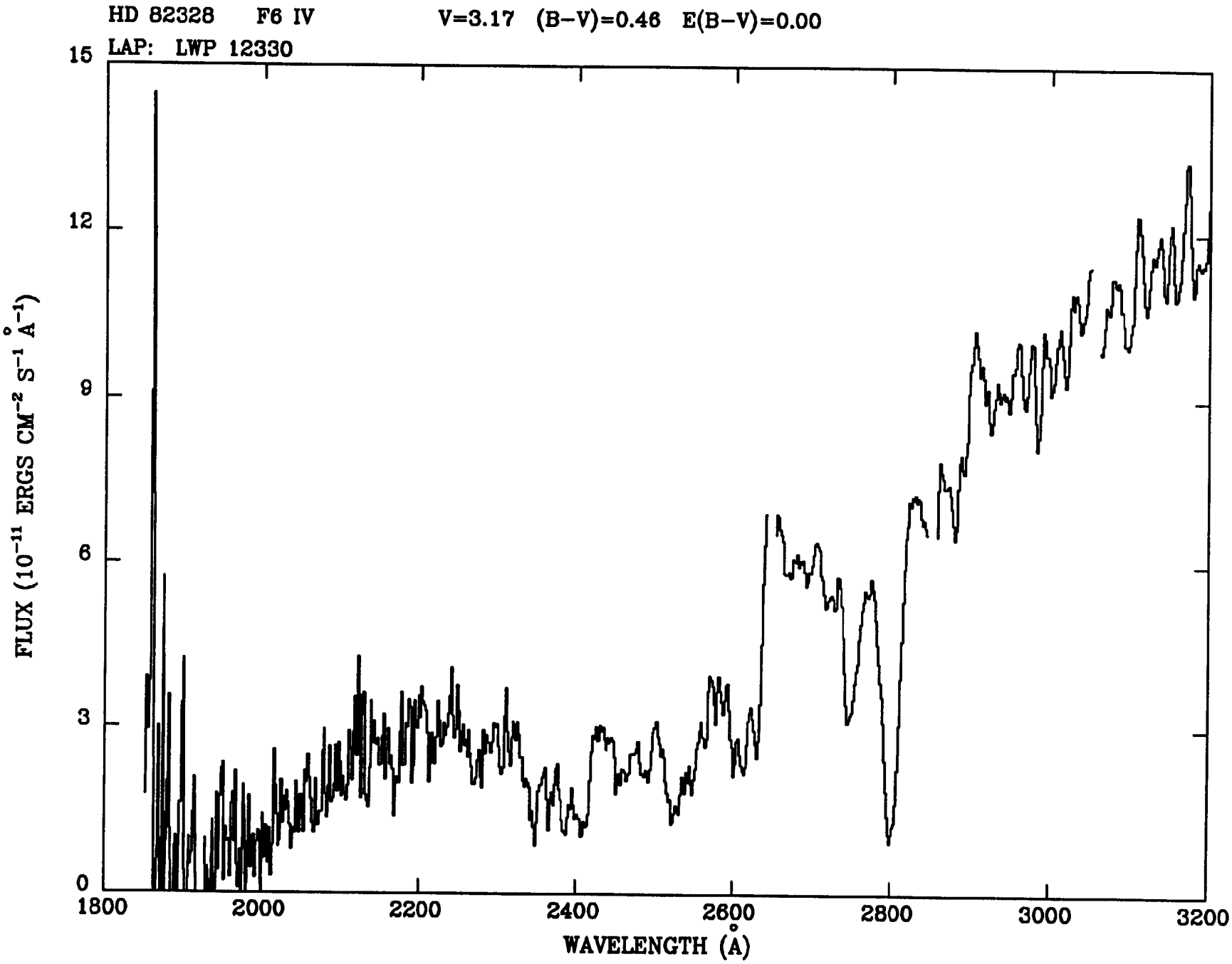
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.28E-12 | 2078 | 8.39E-12 | 2180 | 5.51E-12 | 2282 | 6.19E-12 | 2384 | 2.98E-12 | 2486 | 4.90E-12 | 2588 | 6.72E-12 | 2690 | 1.03E-11 | 2792 | 4.12E-12 | 2894 | 1.26E-11 | 2996 | 1.57E-11 | 3098 | 1.48E-11 |
| 1978 | 4.06E-12 | 2080 | 6.74E-12 | 2182 | 5.72E-12 | 2284 | 6.77E-12 | 2386 | 2.90E-12 | 2488 | 5.38E-12 | 2590 | 7.23E-12 | 2692 | 1.04E-11 | 2794 | 2.92E-12 | 2896 | 1.31E-11 | 2998 | 1.53E-11 | 3100 | 1.51E-11 |
| 1980 | 3.47E-12 | 2082 | 5.72E-12 | 2184 | 6.64E-12 | 2286 | 7.11E-12 | 2388 | 3.99E-12 | 2490 | 5.04E-12 | 2592 | 7.67E-12 | 2694 | 1.05E-11 | 2796 | 2.15E-12 | 2898 | 1.44E-11 | 3000 | 1.44E-11 | 3102 | 1.57E-11 |
| 1982 | 5.03E-12 | 2084 | 5.67E-12 | 2186 | 7.40E-12 | 2288 | 5.96E-12 | 2390 | 4.53E-12 | 2492 | 4.08E-12 | 2594 | 7.51E-12 | 2696 | 1.04E-11 | 2798 | 1.93E-12 | 2900 | 1.53E-11 | 3002 | 1.42E-11 | 3104 | 1.66E-11 |
| 1984 | 3.77E-12 | 2086 | 6.22E-12 | 2188 | 7.64E-12 | 2290 | 6.24E-12 | 2392 | 4.57E-12 | 2494 | 4.45E-12 | 2596 | 7.06E-12 | 2698 | 1.01E-11 | 2800 | 2.08E-12 | 2902 | 1.57E-11 | 3004 | 1.45E-11 | 3106 | 1.74E-11 |
| 1986 | 3.21E-12 | 2088 | 6.04E-12 | 2190 | 5.55E-12 | 2292 | 5.91E-12 | 2394 | 4.54E-12 | 2496 | 5.54E-12 | 2598 | 6.13E-12 | 2700 | 1.05E-11 | 2802 | 2.11E-12 | 2904 | 1.60E-11 | 3006 | 1.51E-11 | 3108 | 1.80E-11 |
| 1988 | 3.12E-12 | 2090 | 5.50E-12 | 2192 | 4.35E-12 | 2294 | 6.56E-12 | 2396 | 3.93E-12 | 2498 | 6.48E-12 | 2600 | 5.08E-12 | 2702 | 1.08E-11 | 2804 | 2.30E-12 | 2906 | 1.55E-11 | 3008 | 1.54E-11 | 3110 | 1.83E-11 |
| 1990 | 2.21E-12 | 2092 | 7.09E-12 | 2194 | 5.97E-12 | 2296 | 7.82E-12 | 2398 | 3.52E-12 | 2500 | 6.61E-12 | 2602 | 5.21E-12 | 2704 | 1.09E-11 | 2806 | 3.05E-12 | 2908 | 1.48E-11 | 3010 | 1.58E-11 | 3112 | 1.79E-11 |
| 1992 | 3.17E-12 | 2094 | 5.91E-12 | 2196 | 6.46E-12 | 2298 | 6.79E-12 | 2400 | 3.75E-12 | 2502 | 7.03E-12 | 2604 | 6.26E-12 | 2706 | 1.09E-11 | 2808 | 4.44E-12 | 2910 | 1.44E-11 | 3012 | 1.61E-11 | 3114 | 1.74E-11 |
| 1994 | 3.51E-12 | 2096 | 3.47E-12 | 2198 | 6.55E-12 | 2300 | 5.23E-12 | 2402 | 4.14E-12 | 2504 | 6.71E-12 | 2606 | 6.03E-12 | 2708 | 1.05E-11 | 2810 | 6.34E-12 | 2912 | 1.44E-11 | 3014 | 1.54E-11 | 3116 | 1.71E-11 |
| 1996 | 3.78E-12 | 2098 | 5.38E-12 | 2200 | 6.60E-12 | 2302 | 5.57E-12 | 2404 | 4.31E-12 | 2506 | 5.79E-12 | 2608 | 5.03E-12 | 2710 | 1.02E-11 | 2812 | 7.94E-12 | 2914 | 1.47E-11 | 3016 | 1.48E-11 | 3118 | 1.72E-11 |
| 1998 | 2.18E-12 | 2100 | 5.37E-12 | 2202 | 6.18E-12 | 2304 | 5.84E-12 | 2406 | 3.76E-12 | 2508 | 5.02E-12 | 2610 | 4.80E-12 | 2712 | 1.03E-11 | 2814 | 9.16E-12 | 2916 | 1.46E-11 | 3018 | 1.45E-11 | 3120 | 1.71E-11 |
| 2000 | 2.86E-12 | 2102 | 5.93E-12 | 2204 | 7.28E-12 | 2306 | 5.82E-12 | 2408 | 3.67E-12 | 2510 | 5.19E-12 | 2612 | 4.77E-12 | 2714 | 1.02E-11 | 2816 | 1.04E-11 | 2918 | 1.42E-11 | 3020 | 1.46E-11 | 3122 | 1.70E-11 |
| 2002 | 3.80E-12 | 2104 | 6.42E-12 | 2206 | 7.66E-12 | 2308 | 6.07E-12 | 2410 | 3.53E-12 | 2512 | 5.60E-12 | 2614 | 4.91E-12 | 2716 | 9.79E-12 | 2818 | 1.10E-11 | 2920 | 1.43E-11 | 3022 | 1.52E-11 | 3124 | 1.73E-11 |
| 2004 | 3.75E-12 | 2106 | 4.96E-12 | 2208 | 6.12E-12 | 2310 | 6.52E-12 | 2412 | 3.57E-12 | 2514 | 5.02E-12 | 2616 | 5.39E-12 | 2718 | 9.60E-12 | 2820 | 1.13E-11 | 2922 | 1.41E-11 | 3024 | 1.63E-11 | 3126 | 1.70E-11 |
| 2006 | 4.07E-12 | 2108 | 4.28E-12 | 2210 | 7.04E-12 | 2312 | 5.98E-12 | 2414 | 3.22E-12 | 2516 | 4.23E-12 | 2618 | 6.08E-12 | 2720 | 9.78E-12 | 2822 | 1.19E-11 | 2924 | 1.37E-11 | 3026 | 1.70E-11 | 3128 | 1.66E-11 |
| 2008 | 1.16E-12 | 2110 | 5.31E-12 | 2212 | 4.49E-12 | 2314 | 5.72E-12 | 2416 | 3.75E-12 | 2518 | 3.94E-12 | 2620 | 6.47E-12 | 2722 | 9.84E-12 | 2824 | 1.25E-11 | 2926 | 1.36E-11 | 3028 | 1.70E-11 | 3130 | 1.63E-11 |
| 2010 | 2.26E-12 | 2112 | 6.05E-12 | 2214 | 4.28E-12 | 2316 | 5.81E-12 | 2418 | 5.05E-12 | 2520 | 3.61E-12 | 2622 | 6.84E-12 | 2724 | 9.64E-12 | 2826 | 1.26E-11 | 2928 | 1.39E-11 | 3030 | 1.72E-11 | 3132 | 1.63E-11 |
| 2012 | 2.55E-12 | 2114 | 5.21E-12 | 2216 | 5.56E-12 | 2318 | 6.24E-12 | 2420 | 5.87E-12 | 2522 | 3.25E-12 | 2624 | 6.93E-12 | 2726 | 9.66E-12 | 2828 | 1.27E-11 | 2930 | 1.43E-11 | 3032 | 1.75E-11 | 3134 | 1.67E-11 |
| 2014 | 5.28E-12 | 2116 | 6.64E-12 | 2218 | 5.45E-12 | 2320 | 5.62E-12 | 2422 | 6.40E-12 | 2524 | 3.14E-12 | 2626 | 6.67E-12 | 2728 | 9.86E-12 | 2830 | 1.26E-11 | 2932 | 1.46E-11 | 3034 | 1.78E-11 | 3136 | 1.73E-11 |
| 2016 | 5.34E-12 | 2118 | 6.47E-12 | 2220 | 5.26E-12 | 2322 | 5.97E-12 | 2424 | 6.61E-12 | 2526 | 3.35E-12 | 2628 | 6.05E-12 | 2730 | 1.06E-11 | 2832 | 1.23E-11 | 2934 | 1.44E-11 | 3036 | 1.75E-11 | 3138 | 1.77E-11 |
| 2018 | 2.45E-12 | 2120 | 6.51E-12 | 2222 | 5.74E-12 | 2324 | 7.22E-12 | 2426 | 6.19E-12 | 2528 | 3.17E-12 | 2630 | 5.51E-12 | 2732 | 1.08E-11 | 2834 | 1.25E-11 | 2936 | 1.41E-11 | 3038 | 1.67E-11 | 3140 | 1.73E-11 |
| 2020 | 1.55E-12 | 2122 | 9.29E-12 | 2224 | 6.52E-12 | 2326 | 7.33E-12 | 2428 | 6.29E-12 | 2530 | 2.99E-12 | 2632 | 5.54E-12 | 2734 | 1.04E-11 | 2836 | 1.23E-11 | 2938 | 1.45E-11 | 3040 | 1.64E-11 | 3142 | 1.64E-11 |
| 2022 | 3.47E-12 | 2124 | 5.66E-12 | 2226 | 6.64E-12 | 2328 | 6.62E-12 | 2430 | 6.35E-12 | 2532 | 3.53E-12 | 2634 | 6.74E-12 | 2736 | 9.69E-12 | 2838 | 1.18E-11 | 2940 | 1.46E-11 | 3042 | 1.64E-11 | 3144 | 1.57E-11 |
| 2024 | 4.60E-12 | 2126 | 5.34E-12 | 2228 | 6.79E-12 | 2330 | 5.86E-12 | 2432 | 6.15E-12 | 2534 | 4.44E-12 | 2636 | 8.70E-12 | 2738 | 8.74E-12 | 2840 | 1.18E-11 | 2942 | 1.44E-11 | 3044 | 1.64E-11 | 3146 | 1.55E-11 |
| 2026 | 3.98E-12 | 2128 | 6.82E-12 | 2230 | 7.29E-12 | 2332 | 5.09E-12 | 2434 | 6.08E-12 | 2536 | 4.25E-12 | 2638 | 1.08E-11 | 2740 | 7.69E-12 | 2842 | 1.15E-11 | 2944 | 1.44E-11 | 3046 | 1.68E-11 | 3148 | 1.60E-11 |
| 2028 | 2.26E-12 | 2130 | 5.40E-12 | 2232 | 8.15E-12 | 2334 | 5.06E-12 | 2436 | 5.43E-12 | 2538 | 3.88E-12 | 2640 | 1.17E-11 | 2742 | 6.95E-12 | 2844 | 1.13E-11 | 2946 | 1.38E-11 | 3048 | 1.70E-11 | 3150 | 1.62E-11 |
| 2030 | 2.97E-12 | 2132 | 4.52E-12 | 2234 | 7.97E-12 | 2336 | 5.71E-12 | 2438 | 6.11E-12 | 2540 | 4.01E-12 | 2642 | 1.15E-11 | 2744 | 6.70E-12 | 2846 | 1.11E-11 | 2948 | 1.35E-11 | 3050 | 1.71E-11 | 3152 | 1.62E-11 |
| 2032 | 3.88E-12 | 2134 | 4.16E-12 | 2236 | 7.92E-12 | 2338 | 5.40E-12 | 2440 | 6.52E-12 | 2542 | 4.45E-12 | 2644 | 1.17E-11 | 2746 | 6.62E-12 | 2848 | | 2950 | 1.39E-11 | 3052 | 1.72E-11 | 3154 | 1.56E-11 |
| 2034 | 3.98E-12 | 2136 | 4.36E-12 | 2238 | 8.40E-12 | 2340 | 4.61E-12 | 2442 | 6.31E-12 | 2544 | 4.69E-12 | 2646 | | 2748 | 6.49E-12 | 2850 | | 2952 | 1.47E-11 | 3054 | | 3156 | 1.53E-11 |
| 2036 | 4.91E-12 | 2138 | 4.92E-12 | 2240 | 8.25E-12 | 2342 | 3.93E-12 | 2444 | 6.10E-12 | 2546 | 4.39E-12 | 2648 | 1.07E-11 | 2750 | 6.93E-12 | 2852 | | 2954 | 1.48E-11 | 3056 | | 3158 | 1.52E-11 |
| 2038 | 4.13E-12 | 2140 | 4.65E-12 | 2242 | 7.93E-12 | 2344 | 3.62E-12 | 2446 | 6.36E-12 | 2548 | 4.41E-12 | 2650 | 1.10E-11 | 2752 | 7.61E-12 | 2854 | | 2956 | 1.52E-11 | 3058 | | 3160 | 1.54E-11 |
| 2040 | 3.36E-12 | 2142 | 5.24E-12 | 2244 | 6.49E-12 | 2346 | 3.37E-12 | 2448 | 6.05E-12 | 2550 | 4.74E-12 | 2652 | 1.17E-11 | 2754 | 8.06E-12 | 2856 | 1.09E-11 | 2958 | 1.59E-11 | 3060 | | 3162 | 1.57E-11 |
| 2042 | 5.97E-12 | 2144 | 5.02E-12 | 2246 | 6.40E-12 | 2348 | 3.53E-12 | 2450 | 5.64E-12 | 2552 | 5.26E-12 | 2654 | 1.21E-11 | 2756 | 8.08E-12 | 2858 | 1.17E-11 | 2960 | 1.61E-11 | 3062 | 1.60E-11 | 3164 | 1.61E-11 |
| 2044 | 6.42E-12 | 2146 | 5.83E-12 | 2248 | 7.35E-12 | 2350 | 4.10E-12 | 2452 | 5.77E-12 | 2554 | 5.85E-12 | 2656 | 1.20E-11 | 2758 | 8.34E-12 | 2860 | 1.28E-11 | 2962 | 1.56E-11 | 3064 | 1.57E-11 | 3166 | 1.68E-11 |
| 2046 | 4.32E-12 | 2148 | 6.40E-12 | 2250 | 7.01E-12 | 2352 | 4.49E-12 | 2454 | 5.94E-12 | 2556 | 6.02E-12 | 2658 | 1.17E-11 | 2760 | 9.06E-12 | 2862 | 1.33E-11 | 2964 | 1.51E-11 | 3066 | 1.56E-11 | 3168 | 1.73E-11 |
| 2048 | 4.17E-12 | 2150 | 5.69E-12 | 2252 | 5.72E-12 | 2354 | 4.89E-12 | 2456 | 5.57E-12 | 2558 | 6.28E-12 | 2660 | 1.15E-11 | 2762 | 9.44E-12 | 2864 | 1.29E-11 | 2966 | 1.44E-11 | 3068 | 1.57E-11 | 3170 | 1.78E-11 |
| 2050 | 3.95E-12 | 2152 | 5.08E-12 | 2254 | 6.14E-12 | 2356 | 5.08E-12 | 2458 | 5.28E-12 | 2560 | 6.22E-12 | 2662 | 1.09E-11 | 2764 | 9.61E-12 | 2866 | 1.25E-11 | 2968 | 1.40E-11 | 3070 | 1.58E-11 | 3172 | 1.83E-11 |
| 2052 | 4.16E-12 | 2154 | 6.70E-12 | 2256 | 6.62E-12 | 2358 | 5.42E-12 | 2460 | 5.05E-12 | 2562 | 6.00E-12 | 2664 | 1.04E-11 | 2766 | 9.92E-12 | 2868 | 1.24E-11 | 2970 | 1.41E-11 | 3072 | 1.60E-11 | 3174 | 1.79E-11 |
| 2054 | 5.49E-12 | 2156 | 6.75E-12 | 2258 | 6.76E-12 | 2360 | 5.24E-12 | 2462 | 4.72E-12 | 2564 | 5.84E-12 | 2666 | 1.01E-11 | 2768 | 1.01E-11 | 2870 | 1.24E-11 | 2972 | 1.47E-11 | 3074 | 1.61E-11 | 3176 | 1.70E-11 |
| 2056 | 5.89E-12 | 2158 | 6.21E-12 | 2260 | 6.19E-12 | 2362 | 4.37E-12 | 2464 | 4.64E-12 | 2566 | 5.91E-12 | 2668 | 9.98E-12 | 2770 | 1.01E-11 | 2872 | 1.26E-11 | 2974 | 1.53E-11 | 3076 | 1.61E-11 | 3178 | 1.64E-11 |
| 2058 | 6.66E-12 | 2160 | 7.15E-12 | 2262 | 6.33E-12 | 2364 | 4.11E-12 | 2466 | 4.92E-12 | 2568 | 6.91E-12 | 2670 | 1.01E-11 | 2772 | 1.04E-11 | 2874 | 1.27E-11 | 2976 | 1.55E-11 | 3078 | 1.62E-11 | 3180 | 1.56E-11 |
| 2060 | 6.21E-12 | 2162 | 6.08E-12 | 2264 | 6.96E-12 | 2366 | 4.85E-12 | 2468 | 5.28E-12 | 2570 | 7.64E-12 | 2672 | 1.02E-11 | 2774 | 1.05E-11 | 2876 | 1.27E-11 | 2978 | 1.55E-11 | 3080 | 1.62E-11 | 3182 | 1.53E-11 |
| 2062 | 3.66E-12 | 2164 | 5.25E-12 | 2266 | 6.14E-12 | 2368 | 4.94E-12 | 2470 | 5.82E-12 | 2572 | 7.56E-12 | 2674 | 1.05E-11 | 2776 | 1.00E-11 | 2878 | 1.22E-11 | 2980 | 1.50E-11 | 3082 | 1.65E-11 | 3184 | 1.56E-11 |
| 2064 | 2.46E-12 | 2166 | 5.47E-12 | 2268 | 4.92E-12 | 2370 | 4.52E-12 | 2472 | 5.54E-12 | 2574 | 7.51E-12 | 2676 | 1.09E-11 | 2778 | 9.22E-12 | 2880 | 1.13E-11 | 2982 | 1.41E-11 | 3084 | 1.71E-11 | 3186 | 1.60E-11 |
| 2066 | 4.73E-12 | 2168 | 4.46E-12 | 2270 | 4.46E-12 | 2372 | 4.52E-12 | 2474 | 5.65E-12 | 2576 | 7.24E-12 | 2678 | 1.13E-11 | 2780 | 8.44E-12 | 2882 | 1.14E-11 | 2984 | 1.37E-11 | 3086 | 1.73E-11 | 3188 | 1.63E-11 |
| 2068 | 4.47E-12 | 2170 | 5.97E-12 | 2272 | 5.16E-12 | 2374 | 4.69E-12 | 2476 | 5.83E-12 | 2578 | 6.93E-12 | 2680 | 1.13E-11 | 2782 | 8.11E-12 | 2884 | 1.23E-11 | 2986 | 1.35E-11 | 3088 | 1.65E-11 | 3190 | 1.62E-11 |
| 2070 | 5.09E-12 | 2172 | 5.68E-12 | 2274 | 5.63E-12 | 2376 | 4.85E-12 | 2478 | 6.32E-12 | 2580 | 7.52E-12 | 2682 | 1.09E-11 | 2784 | 7.99E-12 | 2886 | 1.29E-11 | 2988 | 1.42E-11 | 3090 | 1.57E-11 | 3192 | 1.55E-11 |
| 2072 | 5.29E-12 | 2174 | 5.04E-12 | 2276 | 6.02E-12 | 2378 | 4.54E-12 | 2480 | 5.72E-12 | 2582 | 7.57E-12 | 2684 | 1.09E-11 | 2786 | 7.43E-12 | 2888 | 1.29E-11 | 2990 | 1.56E-11 | 3092 | 1.47E-11 | 3194 | 1.59E-11 |
| 2074 | 5.89E-12 | 2176 | 6.14E-12 | 2278 | 5.10E-12 | 2380 | 4.27E-12 | 2482 | 4.77E-12 | 2584 | 7.39E-12 | 2686 | 1.08E-11 | 2788 | 6.79E-12 | 2890 | 1.26E-11 | 2992 | 1.58E-11 | 3094 | 1.45E-11 | 3196 | 1.70E-11 |
| 2076 | 8.25E-12 | 2178 | 5.84E-12 | 2280 | 4.93E-12 | 2382 | 4.03E-12 | 2484 | 4.48E-12 | 2586 | 7.05E-12 | 2688 | 1.05E-11 | 2790 | 5.57E-12 | 2892 | 1.26E-11 | 2994 | 1.57E-11 | 3096 | 1.48E-11 | 3198 | 1.80E-11 |


HD 207978 F6 IV
V=5.53 (B−V)=0.42 E(B−V)=−0.04
LAP: LWP 8446
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
1800
2000
2200
2400
2600
2800
3000
3200

HD 82328 F6 IV V=3.17 (B-V)=0.46 E(B-V)=0.00

LAP: LWP 12330

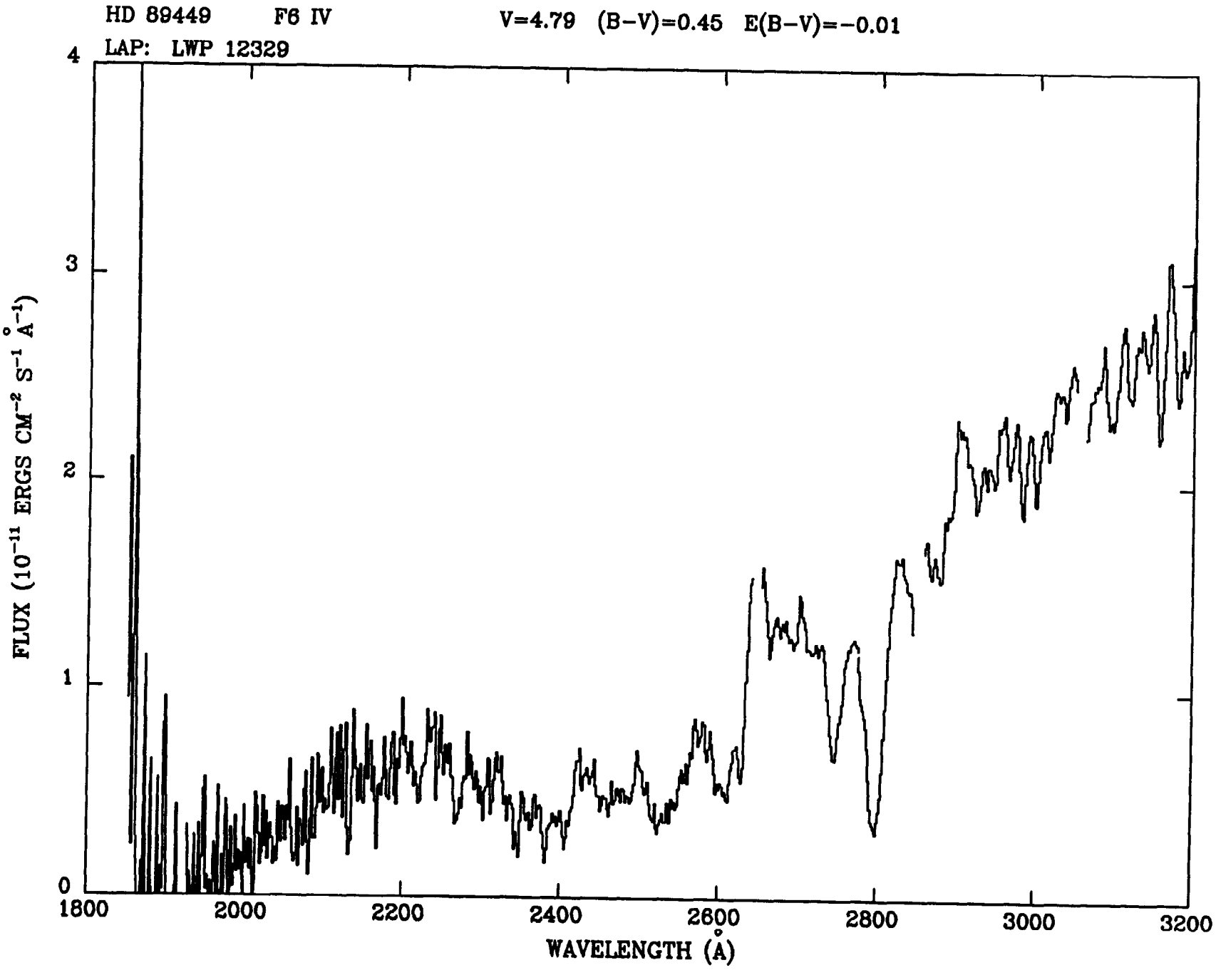
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.01E-11 | 2078 | 2.77E-11 | 2180 | 2.31E-11 | 2282 | 2.54E-11 | 2384 | 1.15E-11 | 2486 | 2.14E-11 | 2588 | 3.35E-11 | 2690 | 5.92E-11 | 2792 | 2.21E-11 | 2894 | 7.98E-11 | 2996 | 9.82E-11 | 3098 | 9.96E-11 |
| 1978 | 1.69E-11 | 2080 | 2.31E-11 | 2182 | 2.43E-11 | 2284 | 2.68E-11 | 2386 | 1.10E-11 | 2488 | 2.21E-11 | 2590 | 3.62E-11 | 2692 | 5.65E-11 | 2794 | 1.67E-11 | 2896 | 8.30E-11 | 2998 | 9.73E-11 | 3100 | 1.01E-10 |
| 1980 | 4.01E-12 | 2082 | 1.51E-11 | 2184 | 3.06E-11 | 2286 | 2.78E-11 | 2388 | 1.16E-11 | 2490 | 2.16E-11 | 2592 | 3.80E-11 | 2694 | 5.69E-11 | 2796 | 1.24E-11 | 2898 | 9.16E-11 | 3000 | 9.31E-11 | 3102 | 1.03E-10 |
| 1982 | 6.69E-12 | 2084 | 1.76E-11 | 2186 | 3.14E-11 | 2288 | 2.77E-11 | 2390 | 1.46E-11 | 2492 | 2.05E-11 | 2594 | 3.61E-11 | 2696 | 5.87E-11 | 2798 | 1.00E-11 | 2900 | 9.58E-11 | 3002 | 9.18E-11 | 3104 | 1.06E-10 |
| 1984 | 1.62E-11 | 2086 | 2.48E-11 | 2188 | 3.46E-11 | 2290 | 2.72E-11 | 2392 | 1.57E-11 | 2494 | 2.25E-11 | 2596 | 3.06E-11 | 2698 | 5.88E-11 | 2800 | 1.04E-11 | 2902 | 9.76E-11 | 3004 | 9.31E-11 | 3106 | 1.13E-10 |
| 1986 | 5.77E-12 | 2088 | 1.85E-11 | 2190 | 2.82E-11 | 2292 | 2.56E-11 | 2394 | 1.72E-11 | 2496 | 2.63E-11 | 2598 | 2.73E-11 | 2700 | 6.04E-11 | 2802 | 1.20E-11 | 2904 | 1.01E-10 | 3006 | 9.66E-11 | 3108 | 1.20E-10 |
| 1988 | 9.75E-12 | 2090 | 1.69E-11 | 2192 | 2.13E-11 | 2294 | 2.76E-11 | 2396 | 1.74E-11 | 2498 | 2.95E-11 | 2600 | 2.33E-11 | 2702 | 6.24E-11 | 2804 | 1.28E-11 | 2906 | 1.02E-10 | 3008 | 9.97E-11 | 3110 | 1.23E-10 |
| 1990 | 9.65E-12 | 2092 | 1.94E-11 | 2194 | 2.95E-11 | 2296 | 3.07E-11 | 2398 | 1.44E-11 | 2500 | 3.02E-11 | 2602 | 2.31E-11 | 2704 | 6.39E-11 | 2806 | 1.59E-11 | 2908 | 9.92E-11 | 3010 | 1.02E-10 | 3112 | 1.22E-10 |
| 1992 | 3.78E-12 | 2094 | 2.63E-11 | 2196 | 3.26E-11 | 2298 | 3.03E-11 | 2400 | 1.41E-11 | 2502 | 3.05E-11 | 2604 | 2.69E-11 | 2706 | 6.38E-11 | 2808 | 2.21E-11 | 2910 | 9.62E-11 | 3012 | 1.03E-10 | 3114 | 1.18E-10 |
| 1994 | 9.66E-12 | 2096 | 1.97E-11 | 2198 | 3.03E-11 | 2300 | 2.97E-11 | 2402 | 1.38E-11 | 2504 | 3.03E-11 | 2606 | 2.82E-11 | 2708 | 6.31E-11 | 2810 | 3.08E-11 | 2912 | 9.49E-11 | 3014 | 1.00E-10 | 3116 | 1.14E-10 |
| 1996 | 1.11E-11 | 2098 | 2.65E-11 | 2200 | 3.43E-11 | 2302 | 2.55E-11 | 2404 | 1.35E-11 | 2506 | 2.80E-11 | 2608 | 2.55E-11 | 2710 | 6.02E-11 | 2812 | 4.00E-11 | 2914 | 9.59E-11 | 3016 | 9.71E-11 | 3118 | 1.09E-10 |
| 1998 | 6.66E-12 | 2100 | 2.21E-11 | 2202 | 3.26E-11 | 2304 | 2.25E-11 | 2406 | 1.07E-11 | 2508 | 2.63E-11 | 2610 | 2.33E-11 | 2712 | 5.77E-11 | 2814 | 4.72E-11 | 2916 | 9.48E-11 | 3018 | 9.42E-11 | 3120 | 1.06E-10 |
| 2000 | 7.95E-12 | 2102 | 1.87E-11 | 2204 | 3.65E-11 | 2306 | 2.22E-11 | 2408 | 1.06E-11 | 2510 | 2.57E-11 | 2612 | 2.23E-11 | 2714 | 5.56E-11 | 2816 | 5.48E-11 | 2918 | 9.07E-11 | 3020 | 9.35E-11 | 3122 | 1.07E-10 |
| 2002 | 7.44E-12 | 2104 | 1.98E-11 | 2206 | 3.48E-11 | 2308 | 2.74E-11 | 2410 | 1.29E-11 | 2512 | 2.53E-11 | 2614 | 2.21E-11 | 2716 | 5.28E-11 | 2818 | 6.10E-11 | 2920 | 9.10E-11 | 3022 | 9.72E-11 | 3124 | 1.11E-10 |
| 2004 | 1.15E-11 | 2106 | 1.75E-11 | 2208 | 3.39E-11 | 2310 | 3.49E-11 | 2412 | 1.21E-11 | 2514 | 2.19E-11 | 2616 | 2.42E-11 | 2718 | 5.23E-11 | 2820 | 6.58E-11 | 2922 | 9.21E-11 | 3024 | 1.04E-10 | 3126 | 1.14E-10 |
| 2006 | 1.19E-11 | 2108 | 1.82E-11 | 2210 | 3.27E-11 | 2312 | 3.21E-11 | 2414 | 1.28E-11 | 2516 | 1.88E-11 | 2618 | 2.87E-11 | 2720 | 5.34E-11 | 2822 | 6.92E-11 | 2924 | 8.65E-11 | 3026 | 1.08E-10 | 3128 | 1.16E-10 |
| 2008 | 5.72E-12 | 2110 | 2.54E-11 | 2212 | 2.77E-11 | 2314 | 2.68E-11 | 2416 | 1.62E-11 | 2518 | 1.71E-11 | 2620 | 3.20E-11 | 2722 | 5.42E-11 | 2824 | 7.12E-11 | 2926 | 8.45E-11 | 3028 | 1.08E-10 | 3130 | 1.16E-10 |
| 2010 | 1.03E-11 | 2112 | 2.73E-11 | 2214 | 2.10E-11 | 2316 | 2.38E-11 | 2418 | 2.23E-11 | 2520 | 1.71E-11 | 2622 | 3.34E-11 | 2724 | 5.44E-11 | 2826 | 7.17E-11 | 2928 | 8.64E-11 | 3030 | 1.08E-10 | 3132 | 1.15E-10 |
| 2012 | 4.24E-12 | 2114 | 2.18E-11 | 2216 | 2.52E-11 | 2318 | 2.75E-11 | 2420 | 2.71E-11 | 2522 | 1.29E-11 | 2624 | 3.28E-11 | 2726 | 5.36E-11 | 2828 | 7.21E-11 | 2930 | 8.92E-11 | 3032 | 1.09E-10 | 3134 | 1.17E-10 |
| 2014 | 1.29E-11 | 2116 | 2.74E-11 | 2218 | 2.83E-11 | 2320 | 3.09E-11 | 2422 | 2.85E-11 | 2524 | 1.32E-11 | 2626 | 3.06E-11 | 2728 | 5.19E-11 | 2830 | 7.25E-11 | 2932 | 9.14E-11 | 3034 | 1.08E-10 | 3136 | 1.19E-10 |
| 2016 | 2.36E-11 | 2118 | 3.46E-11 | 2220 | 2.54E-11 | 2322 | 3.05E-11 | 2424 | 2.93E-11 | 2526 | 1.48E-11 | 2628 | 2.81E-11 | 2730 | 5.36E-11 | 2832 | 7.18E-11 | 2934 | 9.28E-11 | 3036 | 1.05E-10 | 3138 | 1.19E-10 |
| 2018 | 1.72E-11 | 2120 | 2.54E-11 | 2222 | 2.58E-11 | 2324 | 2.81E-11 | 2426 | 2.87E-11 | 2528 | 1.58E-11 | 2630 | 2.54E-11 | 2732 | 5.78E-11 | 2834 | 7.21E-11 | 2936 | 9.10E-11 | 3038 | 1.03E-10 | 3140 | 1.16E-10 |
| 2020 | 1.15E-11 | 2122 | 4.25E-11 | 2224 | 3.18E-11 | 2326 | 3.07E-11 | 2428 | 2.78E-11 | 2530 | 1.51E-11 | 2632 | 2.72E-11 | 2734 | 5.71E-11 | 2836 | 7.20E-11 | 2938 | 9.04E-11 | 3040 | 1.03E-10 | 3142 | 1.12E-10 |
| 2022 | 8.96E-12 | 2124 | 3.31E-11 | 2226 | 3.25E-11 | 2328 | 2.78E-11 | 2430 | 2.99E-11 | 2532 | 1.57E-11 | 2634 | 3.36E-11 | 2736 | 5.44E-11 | 2838 | 6.88E-11 | 2940 | 9.13E-11 | 3042 | 1.05E-10 | 3144 | 1.09E-10 |
| 2024 | 1.60E-11 | 2126 | 2.02E-11 | 2228 | 2.80E-11 | 2330 | 2.47E-11 | 2432 | 2.98E-11 | 2534 | 1.93E-11 | 2636 | 4.44E-11 | 2738 | 4.97E-11 | 2840 | 6.75E-11 | 2942 | 9.09E-11 | 3044 | 1.06E-10 | 3146 | 1.11E-10 |
| 2026 | 1.53E-11 | 2128 | 3.33E-11 | 2230 | 2.69E-11 | 2332 | 2.32E-11 | 2434 | 3.01E-11 | 2536 | 2.02E-11 | 2638 | 5.63E-11 | 2740 | 4.33E-11 | 2842 | 6.79E-11 | 2944 | 9.09E-11 | 3046 | 1.09E-10 | 3148 | 1.16E-10 |
| 2028 | 1.61E-11 | 2130 | 3.07E-11 | 2232 | 3.03E-11 | 2334 | 1.99E-11 | 2436 | 2.80E-11 | 2538 | 1.86E-11 | 2640 | 6.42E-11 | 2742 | 3.66E-11 | 2844 | 6.65E-11 | 2946 | 9.04E-11 | 3048 | 1.13E-10 | 3150 | 1.20E-10 |
| 2030 | 1.54E-11 | 2132 | 1.73E-11 | 2234 | 2.89E-11 | 2336 | 2.01E-11 | 2438 | 2.63E-11 | 2540 | 2.06E-11 | 2642 | 6.92E-11 | 2744 | 3.22E-11 | 2846 | 6.56E-11 | 2948 | 8.85E-11 | 3050 | 1.14E-10 | 3152 | 1.22E-10 |
| 2032 | 1.78E-11 | 2134 | 1.61E-11 | 2236 | 3.02E-11 | 2338 | 2.04E-11 | 2440 | 2.82E-11 | 2542 | 2.09E-11 | 2644 | | 2746 | 3.17E-11 | 2848 | | 2950 | 9.04E-11 | 3052 | 1.14E-10 | 3154 | 1.19E-10 |
| 2034 | 1.64E-11 | 2136 | 1.91E-11 | 2238 | 3.28E-11 | 2340 | 1.95E-11 | 2442 | 2.75E-11 | 2544 | 2.25E-11 | 2646 | | 2748 | 3.25E-11 | 2850 | | 2952 | 9.49E-11 | 3054 | | 3156 | 1.11E-10 |
| 2036 | 1.21E-11 | 2138 | 2.93E-11 | 2240 | 3.66E-11 | 2342 | 1.54E-11 | 2444 | 2.82E-11 | 2546 | 2.06E-11 | 2648 | | 2750 | 3.30E-11 | 2852 | | 2954 | 9.51E-11 | 3056 | | 3158 | 1.08E-10 |
| 2038 | 8.56E-12 | 2140 | 2.98E-11 | 2242 | 3.88E-11 | 2344 | 1.45E-11 | 2446 | 2.81E-11 | 2548 | 1.83E-11 | 2650 | | 2752 | 3.55E-11 | 2854 | | 2956 | 9.67E-11 | 3058 | | 3160 | 1.09E-10 |
| 2040 | 1.15E-11 | 2142 | 2.99E-11 | 2244 | 3.10E-11 | 2346 | 1.26E-11 | 2448 | 2.65E-11 | 2550 | 2.05E-11 | 2652 | 6.56E-11 | 2754 | 3.87E-11 | 2856 | | 2958 | 1.00E-10 | 3060 | | 3162 | 1.11E-10 |
| 2042 | 1.31E-11 | 2144 | 2.80E-11 | 2246 | 2.87E-11 | 2348 | 9.25E-12 | 2450 | 2.17E-11 | 2552 | 2.28E-11 | 2654 | 6.76E-11 | 2756 | 4.09E-11 | 2858 | 6.53E-11 | 2960 | 1.01E-10 | 3062 | 9.90E-11 | 3164 | 1.13E-10 |
| 2044 | 1.75E-11 | 2146 | 2.69E-11 | 2248 | 3.33E-11 | 2350 | 1.26E-11 | 2452 | 1.91E-11 | 2554 | 2.66E-11 | 2656 | 6.89E-11 | 2758 | 4.31E-11 | 2860 | 7.18E-11 | 2962 | 9.85E-11 | 3064 | 9.86E-11 | 3166 | 1.18E-10 |
| 2046 | 1.15E-11 | 2148 | 2.79E-11 | 2250 | 3.54E-11 | 2352 | 1.86E-11 | 2454 | 2.10E-11 | 2556 | 2.79E-11 | 2658 | 6.72E-11 | 2760 | 4.73E-11 | 2862 | 7.79E-11 | 2964 | 9.32E-11 | 3066 | 1.00E-10 | 3168 | 1.24E-10 |
| 2048 | 1.39E-11 | 2150 | 2.33E-11 | 2252 | 2.90E-11 | 2354 | 1.96E-11 | 2456 | 2.05E-11 | 2558 | 3.01E-11 | 2660 | 6.58E-11 | 2762 | 5.01E-11 | 2864 | 7.72E-11 | 2966 | 8.99E-11 | 3068 | 1.04E-10 | 3170 | 1.30E-10 |
| 2050 | 1.56E-11 | 2152 | 2.37E-11 | 2254 | 2.78E-11 | 2356 | 2.00E-11 | 2458 | 2.18E-11 | 2560 | 3.05E-11 | 2662 | 6.45E-11 | 2764 | 5.24E-11 | 2866 | 7.59E-11 | 2968 | 8.88E-11 | 3070 | 1.07E-10 | 3172 | 1.33E-10 |
| 2052 | 1.21E-11 | 2154 | 2.90E-11 | 2256 | 3.01E-11 | 2358 | 2.12E-11 | 2460 | 2.25E-11 | 2562 | 2.85E-11 | 2664 | 5.91E-11 | 2766 | 5.42E-11 | 2868 | 7.40E-11 | 2970 | 9.01E-11 | 3072 | 1.06E-10 | 3174 | 1.29E-10 |
| 2054 | 1.82E-11 | 2156 | 2.94E-11 | 2258 | 2.77E-11 | 2360 | 2.22E-11 | 2462 | 2.22E-11 | 2564 | 2.77E-11 | 2666 | 5.82E-11 | 2768 | 5.50E-11 | 2870 | 7.40E-11 | 2972 | 9.39E-11 | 3074 | 1.06E-10 | 3176 | 1.21E-10 |
| 2056 | 2.07E-11 | 2158 | 2.22E-11 | 2260 | 2.76E-11 | 2362 | 2.05E-11 | 2464 | 2.06E-11 | 2566 | 2.74E-11 | 2668 | 5.83E-11 | 2770 | 5.43E-11 | 2872 | 7.44E-11 | 2974 | 9.73E-11 | 3076 | 1.09E-10 | 3178 | 1.14E-10 |
| 2058 | 2.37E-11 | 2160 | 2.73E-11 | 2262 | 2.52E-11 | 2364 | 1.46E-11 | 2466 | 2.16E-11 | 2568 | 3.29E-11 | 2670 | 5.86E-11 | 2772 | 5.46E-11 | 2874 | 7.42E-11 | 2976 | 9.99E-11 | 3078 | 1.12E-10 | 3180 | 1.10E-10 |
| 2060 | 2.14E-11 | 2162 | 2.69E-11 | 2264 | 2.93E-11 | 2366 | 1.43E-11 | 2468 | 2.22E-11 | 2570 | 3.87E-11 | 2672 | 5.77E-11 | 2774 | 5.68E-11 | 2876 | 7.20E-11 | 2978 | 1.00E-10 | 3080 | 1.12E-10 | 3182 | 1.10E-10 |
| 2062 | 1.73E-11 | 2164 | 2.40E-11 | 2266 | 2.53E-11 | 2368 | 1.76E-11 | 2470 | 2.53E-11 | 2572 | 3.92E-11 | 2674 | 5.88E-11 | 2776 | 5.59E-11 | 2878 | 6.92E-11 | 2980 | 9.39E-11 | 3082 | 1.11E-10 | 3184 | 1.15E-10 |
| 2064 | 1.27E-11 | 2166 | 2.34E-11 | 2268 | 2.24E-11 | 2370 | 1.68E-11 | 2472 | 2.54E-11 | 2574 | 3.81E-11 | 2676 | 6.10E-11 | 2778 | 5.41E-11 | 2880 | 6.62E-11 | 2982 | 8.64E-11 | 3084 | 1.11E-10 | 3186 | 1.15E-10 |
| 2066 | 1.19E-11 | 2168 | 1.68E-11 | 2270 | 1.98E-11 | 2372 | 1.89E-11 | 2474 | 2.54E-11 | 2576 | 3.51E-11 | 2678 | 6.06E-11 | 2780 | 5.02E-11 | 2882 | 6.57E-11 | 2984 | 8.14E-11 | 3086 | 1.11E-10 | 3188 | 1.14E-10 |
| 2068 | 1.93E-11 | 2170 | 1.81E-11 | 2272 | 2.01E-11 | 2374 | 2.21E-11 | 2476 | 2.58E-11 | 2578 | 3.13E-11 | 2680 | 6.12E-11 | 2782 | 4.53E-11 | 2884 | 7.11E-11 | 2986 | 8.41E-11 | 3088 | 1.08E-10 | 3190 | 1.14E-10 |
| 2070 | 1.23E-11 | 2172 | 2.08E-11 | 2274 | 2.20E-11 | 2376 | 2.33E-11 | 2478 | 2.69E-11 | 2580 | 3.66E-11 | 2682 | 6.07E-11 | 2784 | 4.14E-11 | 2886 | 7.72E-11 | 2988 | 9.01E-11 | 3090 | 1.06E-10 | 3192 | 1.15E-10 |
| 2072 | 1.30E-11 | 2174 | 2.01E-11 | 2276 | 2.48E-11 | 2378 | 1.91E-11 | 2480 | 2.57E-11 | 2582 | 3.92E-11 | 2684 | 6.03E-11 | 2786 | 3.80E-11 | 2888 | 7.98E-11 | 2990 | 9.83E-11 | 3092 | 1.04E-10 | 3194 | 1.15E-10 |
| 2074 | 1.46E-11 | 2176 | 2.77E-11 | 2278 | 2.37E-11 | 2380 | 1.68E-11 | 2482 | 2.26E-11 | 2584 | 3.66E-11 | 2686 | 6.05E-11 | 2788 | 3.48E-11 | 2890 | 7.81E-11 | 2992 | 1.02E-10 | 3094 | 1.01E-10 | 3196 | 1.18E-10 |
| 2076 | 1.96E-11 | 2178 | 3.60E-11 | 2280 | 2.00E-11 | 2382 | 1.31E-11 | 2484 | 2.17E-11 | 2586 | 3.43E-11 | 2688 | 6.08E-11 | 2790 | 2.88E-11 | 2892 | 7.69E-11 | 2994 | 9.99E-11 | 3096 | 1.00E-10 | 3198 | 1.22E-10 |


HD 82328 F6 IV V=3.17 (B-V)=0.46 E(B-V)=0.00
LAP: LWP 12330
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

**HD 89449 F6 IV V=4.79 (B-V)=0.45 E(B-V)=-0.01**

**LAP: LWP 12329**

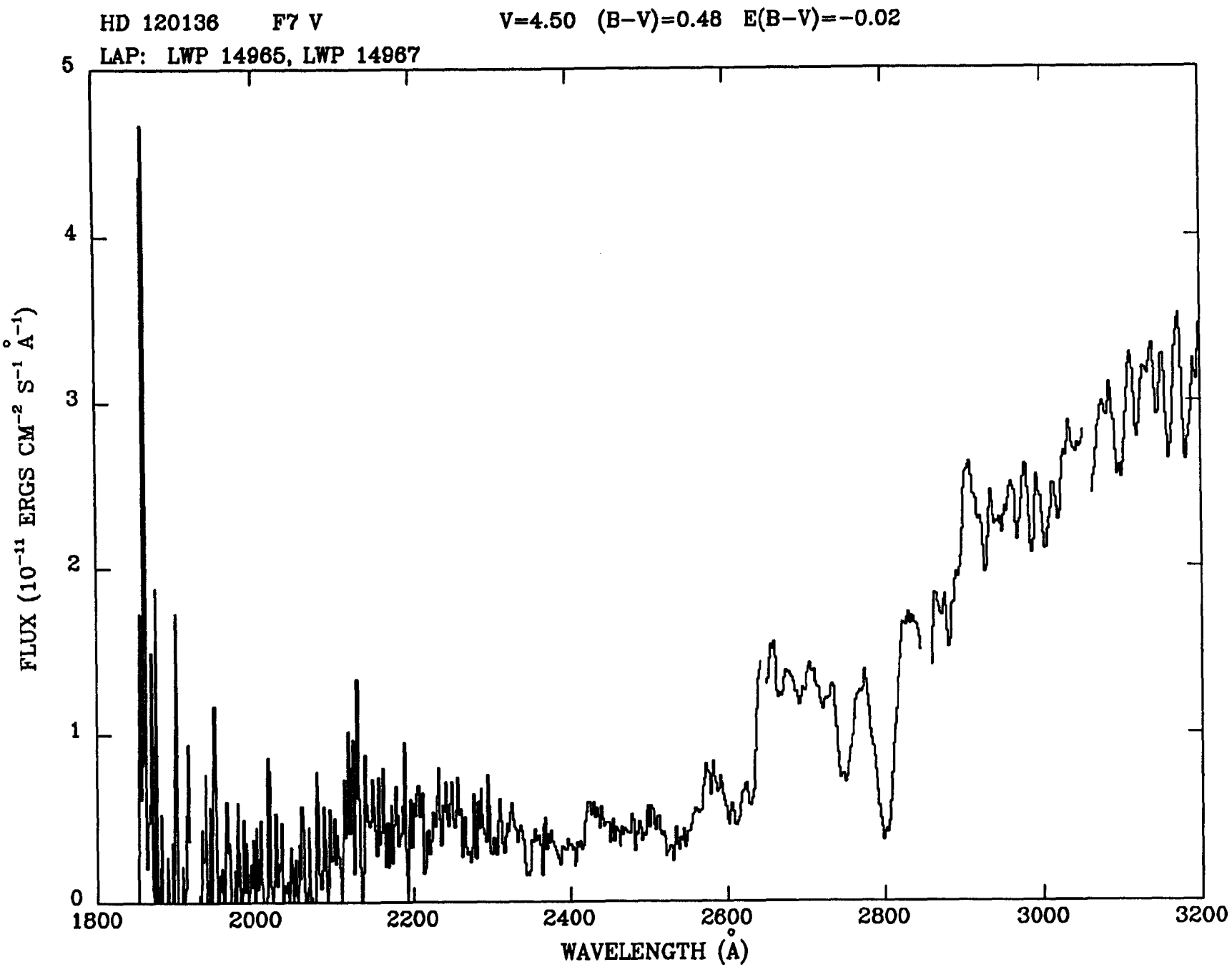
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.09E-12 | 2078 | 5.52E-12 | 2180 | 6.02E-12 | 2282 | 7.04E-12 | 2384 | 2.47E-12 | 2486 | 4.90E-12 | 2588 | 7.52E-12 | 2690 | 1.26E-11 | 2792 | 4.20E-12 | 2894 | 1.88E-11 | 2996 | 2.10E-11 | 3098 | 2.29E-11 |
| 1978 | 4.41E-12 | 2080 | 4.09E-12 | 2182 | 4.77E-12 | 2284 | 6.60E-12 | 2386 | 3.34E-12 | 2488 | 4.68E-12 | 2590 | 7.91E-12 | 2692 | 1.25E-11 | 2794 | 3.74E-12 | 2896 | 1.99E-11 | 2998 | 1.97E-11 | 3100 | 2.35E-11 |
| 1980 | 3.95E-13 | 2082 | 1.57E-12 | 2184 | 4.96E-12 | 2286 | 6.60E-12 | 2388 | 3.50E-12 | 2490 | 4.73E-12 | 2592 | 7.23E-12 | 2694 | 1.21E-11 | 2796 | 3.54E-12 | 2898 | 2.19E-11 | 3000 | 1.91E-11 | 3102 | 2.46E-11 |
| 1982 | -1.01E-13 | 2084 | 2.88E-12 | 2186 | 6.45E-12 | 2288 | 6.56E-12 | 2390 | 3.77E-12 | 2492 | 5.10E-12 | 2594 | 6.47E-12 | 2696 | 1.23E-11 | 2798 | 3.32E-12 | 2900 | 2.32E-11 | 3002 | 2.00E-11 | 3104 | 2.52E-11 |
| 1984 | 2.79E-12 | 2086 | 5.85E-12 | 2188 | 7.57E-12 | 2290 | 5.83E-12 | 2392 | 3.88E-12 | 2494 | 5.57E-12 | 2596 | 5.55E-12 | 2698 | 1.26E-11 | 2800 | 3.62E-12 | 2902 | 2.27E-11 | 3004 | 2.11E-11 | 3106 | 2.64E-11 |
| 1986 | 7.12E-13 | 2088 | 3.52E-12 | 2190 | 6.67E-12 | 2292 | 5.20E-12 | 2394 | 3.79E-12 | 2496 | 6.64E-12 | 2598 | 5.41E-12 | 2700 | 1.36E-11 | 2802 | 4.18E-12 | 2904 | 2.25E-11 | 3006 | 2.21E-11 | 3108 | 2.73E-11 |
| 1988 | 1.47E-12 | 2090 | 2.75E-12 | 2192 | 4.67E-12 | 2294 | 6.03E-12 | 2396 | 3.68E-12 | 2498 | 7.05E-12 | 2600 | 5.40E-12 | 2702 | 1.46E-11 | 2804 | 4.85E-12 | 2906 | 2.26E-11 | 3008 | 2.26E-11 | 3110 | 2.77E-11 |
| 1990 | 3.52E-12 | 2092 | 4.13E-12 | 2194 | 5.63E-12 | 2296 | 5.56E-12 | 2398 | 3.63E-12 | 2500 | 6.36E-12 | 2602 | 5.54E-12 | 2704 | 1.42E-11 | 2806 | 6.03E-12 | 2908 | 2.24E-11 | 3010 | 2.28E-11 | 3112 | 2.75E-11 |
| 1992 | 1.29E-12 | 2094 | 6.67E-12 | 2196 | 6.35E-12 | 2298 | 4.67E-12 | 2400 | 4.06E-12 | 2502 | 6.23E-12 | 2604 | 5.50E-12 | 2706 | 1.36E-11 | 2808 | 7.70E-12 | 2910 | 2.22E-11 | 3012 | 2.28E-11 | 3114 | 2.60E-11 |
| 1994 | 1.90E-12 | 2096 | 4.69E-12 | 2198 | 7.12E-12 | 2300 | 5.12E-12 | 2402 | 3.82E-12 | 2504 | 5.88E-12 | 2606 | 5.09E-12 | 2708 | 1.33E-11 | 2810 | 9.26E-12 | 2912 | 2.15E-11 | 3014 | 2.19E-11 | 3116 | 2.47E-11 |
| 1996 | 1.46E-12 | 2098 | 6.03E-12 | 2200 | 9.04E-12 | 2302 | 4.24E-12 | 2404 | 3.04E-12 | 2506 | 5.24E-12 | 2608 | 5.18E-12 | 2710 | 1.25E-11 | 2812 | 1.08E-11 | 2914 | 2.11E-11 | 3016 | 2.15E-11 | 3118 | 2.44E-11 |
| 1998 | 1.31E-12 | 2100 | 5.61E-12 | 2202 | 7.76E-12 | 2304 | 4.21E-12 | 2406 | 2.44E-12 | 2508 | 5.07E-12 | 2610 | 4.79E-12 | 2712 | 1.20E-11 | 2814 | 1.24E-11 | 2916 | 2.11E-11 | 3018 | 2.21E-11 | 3120 | 2.42E-11 |
| 2000 | 2.59E-12 | 2102 | 4.22E-12 | 2204 | 7.67E-12 | 2306 | 5.19E-12 | 2408 | 2.92E-12 | 2510 | 5.40E-12 | 2612 | 4.86E-12 | 2714 | 1.20E-11 | 2816 | 1.37E-11 | 2918 | 2.06E-11 | 3020 | 2.30E-11 | 3122 | 2.44E-11 |
| 2002 | 1.94E-12 | 2104 | 4.45E-12 | 2206 | 6.98E-12 | 2308 | 5.99E-12 | 2410 | 3.72E-12 | 2512 | 5.01E-12 | 2614 | 5.75E-12 | 2716 | 1.19E-11 | 2818 | 1.44E-11 | 2920 | 2.02E-11 | 3022 | 2.40E-11 | 3124 | 2.54E-11 |
| 2004 | 2.30E-12 | 2106 | 4.20E-12 | 2208 | 5.98E-12 | 2310 | 6.64E-12 | 2412 | 3.59E-12 | 2514 | 4.23E-12 | 2616 | 6.37E-12 | 2718 | 1.18E-11 | 2820 | 1.51E-11 | 2922 | 1.97E-11 | 3024 | 2.46E-11 | 3126 | 2.66E-11 |
| 2006 | 2.67E-12 | 2108 | 4.87E-12 | 2210 | 6.54E-12 | 2312 | 4.95E-12 | 2414 | 4.24E-12 | 2516 | 3.91E-12 | 2618 | 6.82E-12 | 2720 | 1.19E-11 | 2822 | 1.60E-11 | 2924 | 1.88E-11 | 3026 | 2.46E-11 | 3128 | 2.69E-11 |
| 2008 | 1.33E-12 | 2110 | 6.98E-12 | 2212 | 7.27E-12 | 2314 | 4.43E-12 | 2416 | 4.54E-12 | 2518 | 3.75E-12 | 2620 | 7.23E-12 | 2722 | 1.23E-11 | 2824 | 1.64E-11 | 2926 | 1.90E-11 | 3028 | 2.43E-11 | 3130 | 2.68E-11 |
| 2010 | 2.17E-12 | 2112 | 6.61E-12 | 2214 | 6.02E-12 | 2316 | 5.40E-12 | 2418 | 5.37E-12 | 2520 | 4.48E-12 | 2622 | 7.32E-12 | 2724 | 1.21E-11 | 2826 | 1.63E-11 | 2928 | 1.95E-11 | 3030 | 2.43E-11 | 3132 | 2.70E-11 |
| 2012 | -3.26E-13 | 2114 | 4.45E-12 | 2216 | 5.56E-12 | 2318 | 6.56E-12 | 2420 | 6.37E-12 | 2522 | 3.46E-12 | 2624 | 7.08E-12 | 2726 | 1.18E-11 | 2828 | 1.63E-11 | 2930 | 2.03E-11 | 3032 | 2.45E-11 | 3134 | 2.76E-11 |
| 2014 | 1.77E-12 | 2116 | 6.08E-12 | 2218 | 5.79E-12 | 2320 | 6.98E-12 | 2422 | 6.62E-12 | 2524 | 3.18E-12 | 2626 | 6.29E-12 | 2728 | 1.21E-11 | 2830 | 1.65E-11 | 2932 | 2.09E-11 | 3034 | 2.43E-11 | 3136 | 2.71E-11 |
| 2016 | 4.69E-12 | 2118 | 7.66E-12 | 2220 | 5.00E-12 | 2322 | 6.11E-12 | 2424 | 6.96E-12 | 2526 | 3.60E-12 | 2628 | 5.77E-12 | 2730 | 1.22E-11 | 2832 | 1.59E-11 | 2934 | 2.08E-11 | 3036 | 2.34E-11 | 3138 | 2.64E-11 |
| 2018 | 3.75E-12 | 2120 | 4.79E-12 | 2222 | 4.57E-12 | 2324 | 6.10E-12 | 2426 | 6.16E-12 | 2528 | 3.89E-12 | 2630 | 6.19E-12 | 2732 | 1.19E-11 | 2834 | 1.56E-11 | 2936 | 2.01E-11 | 3038 | 2.34E-11 | 3140 | 2.59E-11 |
| 2020 | 2.30E-12 | 2122 | 8.13E-12 | 2224 | 5.26E-12 | 2326 | 6.61E-12 | 2428 | 5.29E-12 | 2530 | 4.02E-12 | 2632 | 7.94E-12 | 2734 | 1.11E-11 | 2836 | 1.54E-11 | 2938 | 2.03E-11 | 3040 | 2.44E-11 | 3142 | 2.59E-11 |
| 2022 | 1.80E-12 | 2124 | 6.59E-12 | 2226 | 6.08E-12 | 2328 | 5.31E-12 | 2430 | 5.72E-12 | 2532 | 3.70E-12 | 2634 | 1.02E-11 | 2736 | 1.01E-11 | 2838 | 1.50E-11 | 2940 | 2.09E-11 | 3042 | 2.51E-11 | 3144 | 2.68E-11 |
| 2024 | 3.67E-12 | 2126 | 4.44E-12 | 2228 | 6.34E-12 | 2330 | 4.60E-12 | 2432 | 5.98E-12 | 2534 | 4.07E-12 | 2636 | 1.18E-11 | 2738 | 9.35E-12 | 2840 | 1.48E-11 | 2942 | 2.08E-11 | 3044 | 2.56E-11 | 3146 | 2.78E-11 |
| 2026 | 3.22E-12 | 2128 | 7.35E-12 | 2230 | 6.72E-12 | 2332 | 4.46E-12 | 2434 | 6.24E-12 | 2536 | 4.34E-12 | 2638 | 1.43E-11 | 2740 | 8.45E-12 | 2842 | 1.48E-11 | 2944 | 2.05E-11 | 3046 | 2.59E-11 | 3148 | 2.85E-11 |
| 2028 | 3.61E-12 | 2130 | 6.77E-12 | 2232 | 8.68E-12 | 2334 | 4.10E-12 | 2436 | 5.89E-12 | 2538 | 3.81E-12 | 2640 | 1.52E-11 | 2742 | 7.69E-12 | 2844 | 1.39E-11 | 2946 | 2.01E-11 | 3048 | 2.55E-11 | 3150 | 2.78E-11 |
| 2030 | 2.23E-12 | 2132 | 2.82E-12 | 2234 | 8.20E-12 | 2336 | 4.72E-12 | 2438 | 5.59E-12 | 2540 | 4.36E-12 | 2642 | 1.55E-11 | 2744 | 7.02E-12 | 2846 | 1.29E-11 | 2948 | 2.02E-11 | 3050 | 2.51E-11 | 3152 | 2.56E-11 |
| 2032 | 2.60E-12 | 2134 | 2.29E-12 | 2236 | 7.54E-12 | 2338 | 4.67E-12 | 2440 | 5.90E-12 | 2542 | 4.54E-12 | 2644 | | 2746 | 6.77E-12 | 2848 | | 2950 | 2.15E-11 | 3052 | 2.48E-11 | 3154 | 2.37E-11 |
| 2034 | 3.43E-12 | 2136 | 4.17E-12 | 2238 | 8.13E-12 | 2340 | 4.36E-12 | 2442 | 6.25E-12 | 2544 | 4.60E-12 | 2646 | | 2748 | 7.09E-12 | 2850 | | 2952 | 2.28E-11 | 3054 | | 3156 | 2.22E-11 |
| 2036 | 2.69E-12 | 2138 | 7.49E-12 | 2240 | 8.28E-12 | 2342 | 3.03E-12 | 2444 | 6.39E-12 | 2546 | 4.41E-12 | 2648 | | 2750 | 7.85E-12 | 2852 | | 2954 | 2.27E-11 | 3056 | | 3158 | 2.27E-11 |
| 2038 | 1.62E-12 | 2140 | 7.70E-12 | 2242 | 7.82E-12 | 2344 | 2.94E-12 | 2446 | 5.27E-12 | 2548 | 4.46E-12 | 2650 | | 2752 | 8.57E-12 | 2854 | | 2956 | 2.30E-11 | 3058 | | 3160 | 2.42E-11 |
| 2040 | 2.16E-12 | 2142 | 6.39E-12 | 2244 | 5.12E-12 | 2346 | 2.67E-12 | 2448 | 4.94E-12 | 2550 | 5.21E-12 | 2652 | 1.51E-11 | 2754 | 8.99E-12 | 2856 | | 2958 | 2.33E-11 | 3060 | | 3162 | 2.58E-11 |
| 2042 | 2.35E-12 | 2144 | 4.94E-12 | 2246 | 6.84E-12 | 2348 | 2.06E-12 | 2450 | 4.61E-12 | 2552 | 5.93E-12 | 2654 | 1.56E-11 | 2756 | 9.61E-12 | 2858 | 1.67E-11 | 2960 | 2.33E-11 | 3062 | 2.24E-11 | 3164 | 2.75E-11 |
| 2044 | 3.97E-12 | 2146 | 4.82E-12 | 2248 | 8.37E-12 | 2350 | 3.61E-12 | 2452 | 4.36E-12 | 2554 | 6.18E-12 | 2656 | 1.56E-11 | 2758 | 1.07E-11 | 2860 | 1.70E-11 | 2962 | 2.21E-11 | 3064 | 2.24E-11 | 3166 | 2.97E-11 |
| 2046 | 2.74E-12 | 2148 | 6.18E-12 | 2250 | 7.83E-12 | 2352 | 5.06E-12 | 2454 | 4.75E-12 | 2556 | 5.71E-12 | 2658 | 1.47E-11 | 2760 | 1.14E-11 | 2862 | 1.73E-11 | 2964 | 2.08E-11 | 3066 | 2.31E-11 | 3168 | 3.10E-11 |
| 2048 | 3.35E-12 | 2150 | 4.73E-12 | 2252 | 6.37E-12 | 2354 | 4.68E-12 | 2456 | 4.86E-12 | 2558 | 6.17E-12 | 2660 | 1.37E-11 | 2762 | 1.18E-11 | 2864 | 1.64E-11 | 2966 | 2.06E-11 | 3068 | 2.41E-11 | 3170 | 3.04E-11 |
| 2050 | 3.99E-12 | 2152 | 4.66E-12 | 2254 | 6.78E-12 | 2356 | 4.00E-12 | 2458 | 4.82E-12 | 2560 | 6.26E-12 | 2662 | 1.28E-11 | 2764 | 1.20E-11 | 2866 | 1.58E-11 | 2968 | 2.12E-11 | 3070 | 2.43E-11 | 3172 | 2.91E-11 |
| 2052 | 3.13E-12 | 2154 | 6.54E-12 | 2256 | 7.11E-12 | 2358 | 3.83E-12 | 2460 | 4.41E-12 | 2562 | 5.89E-12 | 2664 | 1.18E-11 | 2766 | 1.21E-11 | 2868 | 1.55E-11 | 2970 | 2.18E-11 | 3072 | 2.44E-11 | 3174 | 2.78E-11 |
| 2054 | 3.73E-12 | 2156 | 7.59E-12 | 2258 | 6.58E-12 | 2360 | 4.08E-12 | 2462 | 4.06E-12 | 2564 | 6.73E-12 | 2666 | 1.20E-11 | 2768 | 1.24E-11 | 2870 | 1.62E-11 | 2972 | 2.25E-11 | 3074 | 2.48E-11 | 3176 | 2.62E-11 |
| 2056 | 3.84E-12 | 2158 | 6.07E-12 | 2260 | 7.20E-12 | 2362 | 3.77E-12 | 2464 | 4.60E-12 | 2566 | 6.95E-12 | 2668 | 1.28E-11 | 2770 | 1.25E-11 | 2872 | 1.65E-11 | 2974 | 2.31E-11 | 3076 | 2.48E-11 | 3178 | 2.47E-11 |
| 2058 | 5.81E-12 | 2160 | 7.20E-12 | 2262 | 6.06E-12 | 2364 | 3.33E-12 | 2466 | 5.61E-12 | 2568 | 7.67E-12 | 2670 | 1.32E-11 | 2772 | 1.24E-11 | 2874 | 1.61E-11 | 2976 | 2.27E-11 | 3078 | 2.50E-11 | 3180 | 2.41E-11 |
| 2060 | 3.72E-12 | 2162 | 6.38E-12 | 2264 | 5.77E-12 | 2366 | 4.16E-12 | 2468 | 4.57E-12 | 2570 | 8.56E-12 | 2672 | 1.35E-11 | 2774 | 1.22E-11 | 2876 | 1.57E-11 | 2978 | 2.11E-11 | 3080 | 2.51E-11 | 3182 | 2.44E-11 |
| 2062 | 2.16E-12 | 2164 | 5.63E-12 | 2266 | 4.58E-12 | 2368 | 4.86E-12 | 2470 | 4.82E-12 | 2572 | 8.31E-12 | 2674 | 1.35E-11 | 2776 | 1.13E-11 | 2878 | 1.55E-11 | 2980 | 1.95E-11 | 3082 | 2.56E-11 | 3184 | 2.59E-11 |
| 2064 | 1.67E-12 | 2166 | 5.31E-12 | 2268 | 3.57E-12 | 2370 | 4.24E-12 | 2472 | 5.27E-12 | 2574 | 7.60E-12 | 2676 | 1.30E-11 | 2778 | 9.95E-12 | 2880 | 1.54E-11 | 2982 | 1.86E-11 | 3084 | 2.65E-11 | 3186 | 2.67E-11 |
| 2066 | 2.22E-12 | 2168 | 3.10E-12 | 2270 | 3.78E-12 | 2372 | 4.23E-12 | 2474 | 5.19E-12 | 2576 | 7.58E-12 | 2678 | 1.28E-11 | 2780 | 9.50E-12 | 2882 | 1.62E-11 | 2984 | 1.87E-11 | 3086 | 2.63E-11 | 3188 | 2.58E-11 |
| 2068 | 3.82E-12 | 2170 | 4.42E-12 | 2272 | 4.22E-12 | 2374 | 4.43E-12 | 2476 | 4.84E-12 | 2578 | 7.86E-12 | 2680 | 1.32E-11 | 2782 | 9.20E-12 | 2884 | 1.78E-11 | 2986 | 2.04E-11 | 3088 | 2.48E-11 | 3190 | 2.56E-11 |
| 2070 | 2.00E-12 | 2172 | 5.38E-12 | 2274 | 4.61E-12 | 2376 | 4.36E-12 | 2478 | 4.93E-12 | 2580 | 8.50E-12 | 2682 | 1.31E-11 | 2784 | 8.72E-12 | 2886 | 1.81E-11 | 2988 | 2.16E-11 | 3090 | 2.38E-11 | 3192 | 2.59E-11 |
| 2072 | 3.58E-12 | 2174 | 4.97E-12 | 2276 | 4.80E-12 | 2378 | 3.20E-12 | 2480 | 5.23E-12 | 2582 | 8.27E-12 | 2684 | 1.33E-11 | 2786 | 8.14E-12 | 2888 | 1.84E-11 | 2990 | 2.24E-11 | 3092 | 2.30E-11 | 3194 | 2.68E-11 |
| 2074 | 3.05E-12 | 2176 | 5.57E-12 | 2278 | 5.65E-12 | 2380 | 2.35E-12 | 2482 | 4.90E-12 | 2584 | 7.05E-12 | 2686 | 1.30E-11 | 2788 | 7.00E-12 | 2890 | 1.85E-11 | 2992 | 2.26E-11 | 3094 | 2.30E-11 | 3196 | 2.88E-11 |
| 2076 | 3.62E-12 | 2178 | 7.55E-12 | 2280 | 5.75E-12 | 2382 | 1.76E-12 | 2484 | 4.84E-12 | 2586 | 6.81E-12 | 2688 | 1.25E-11 | 2790 | 5.35E-12 | 2892 | 1.85E-11 | 2994 | 2.21E-11 | 3096 | 2.32E-11 | 3198 | 3.09E-11 |


HD 89449 F6 IV
V=4.79 (B-V)=0.45 E(B-V)=-0.01
LAP: LWP 12329
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 120136 F7 V V=4.50 (B-V)=0.48 E(B-V)=-0.02**

**LAP: LWP 14965, LWP 14967**

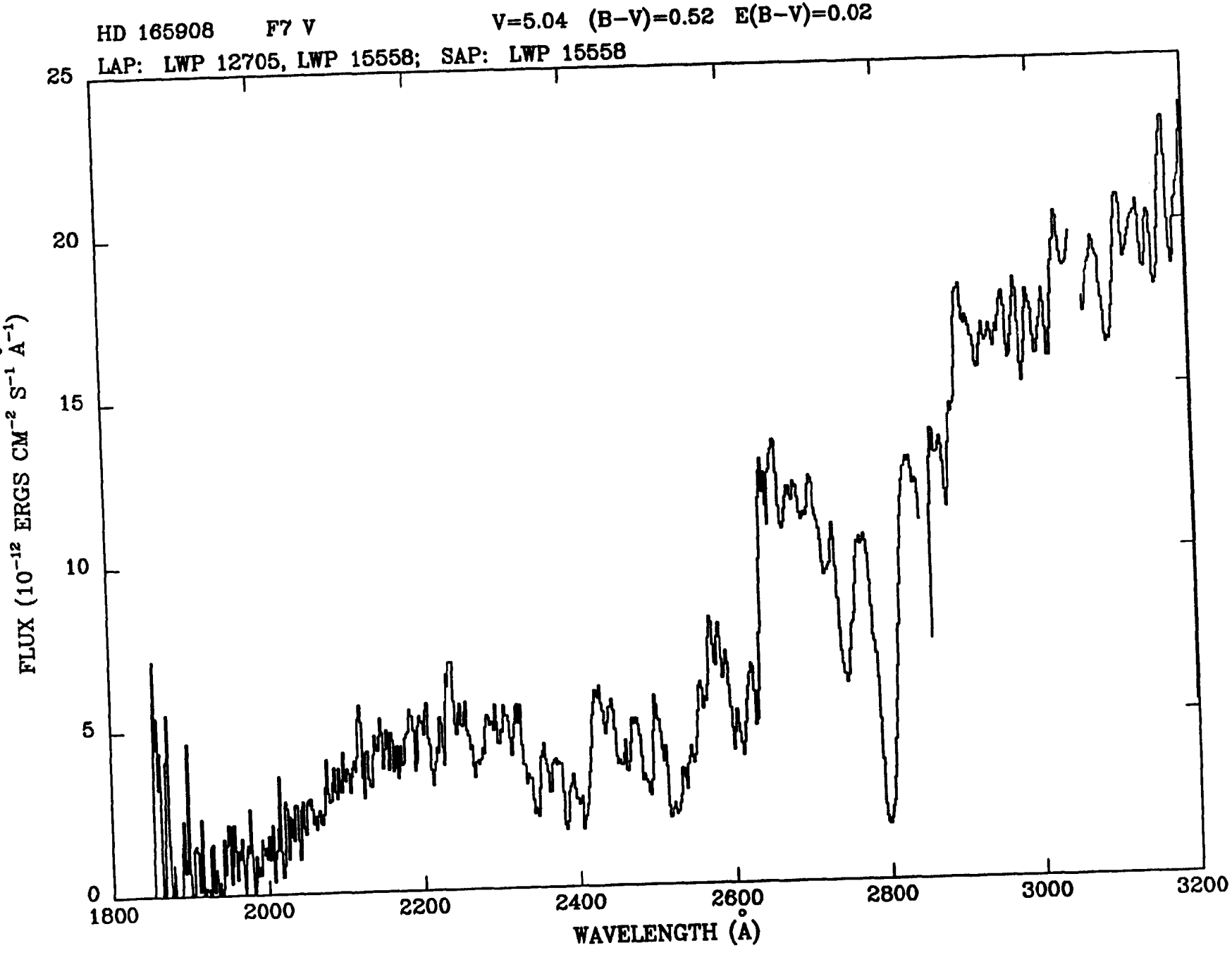
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.73E-12 | 2078 | 6.87E-12 | 2180 | 4.99E-12 | 2282 | 4.81E-12 | 2384 | 2.75E-12 | 2486 | 4.02E-12 | 2588 | 6.59E-12 | 2690 | 1.22E-11 | 2792 | 6.19E-12 | 2894 | 1.99E-11 | 2996 | 2.43E-11 | 3098 | 2.60E-11 |
| 1978 | 4.03E-12 | 2080 | 3.60E-12 | 2182 | 3.45E-12 | 2284 | 4.87E-12 | 2386 | 2.47E-12 | 2488 | 4.59E-12 | 2590 | 7.01E-12 | 2692 | 1.17E-11 | 2794 | 5.30E-12 | 2896 | 2.07E-11 | 2998 | 2.35E-11 | 3100 | 2.56E-11 |
| 1980 | -9.06E-13 | 2082 | 1.10E-12 | 2184 | 3.97E-12 | 2286 | 6.14E-12 | 2388 | 2.59E-12 | 2490 | 4.42E-12 | 2592 | 7.26E-12 | 2694 | 1.22E-11 | 2796 | 4.63E-12 | 2898 | 2.26E-11 | 3000 | 2.23E-11 | 3102 | 2.66E-11 |
| 1982 | 2.75E-13 | 2084 | 1.57E-12 | 2186 | 4.59E-12 | 2288 | 5.42E-12 | 2390 | 3.26E-12 | 2492 | 3.65E-12 | 2594 | 6.66E-12 | 2696 | 1.27E-11 | 2798 | 3.93E-12 | 2900 | 2.49E-11 | 3002 | 2.13E-11 | 3104 | 2.82E-11 |
| 1984 | 4.32E-12 | 2086 | 4.73E-12 | 2188 | 7.05E-12 | 2290 | 4.46E-12 | 2392 | 3.18E-12 | 2494 | 4.05E-12 | 2596 | 6.14E-12 | 2698 | 1.26E-11 | 2800 | 3.98E-12 | 2902 | 2.57E-11 | 3004 | 2.11E-11 | 3106 | 2.99E-11 |
| 1986 | 8.40E-13 | 2088 | 4.04E-12 | 2190 | 6.63E-12 | 2292 | 4.04E-12 | 2394 | 3.09E-12 | 2496 | 4.12E-12 | 2598 | 5.76E-12 | 2700 | 1.28E-11 | 2802 | 4.26E-12 | 2904 | 2.59E-11 | 3006 | 2.21E-11 | 3108 | 3.14E-11 |
| 1988 | 3.38E-12 | 2090 | -1.49E-13 | 2192 | 1.51E-12 | 2294 | 3.80E-12 | 2396 | 3.46E-12 | 2498 | 5.43E-12 | 2600 | 5.03E-12 | 2702 | 1.37E-11 | 2804 | 4.14E-12 | 2906 | 2.62E-11 | 3008 | 2.29E-11 | 3110 | 3.25E-11 |
| 1990 | 7.77E-14 | 2092 | 1.07E-12 | 2194 | 2.82E-12 | 2296 | 7.29E-12 | 2398 | 3.49E-12 | 2500 | 5.39E-12 | 2602 | 4.63E-12 | 2704 | 1.40E-11 | 2806 | 4.69E-12 | 2908 | 2.59E-11 | 3010 | 2.36E-11 | 3112 | 3.27E-11 |
| 1992 | 1.02E-12 | 2094 | 5.20E-12 | 2196 | 5.79E-12 | 2298 | 5.16E-12 | 2400 | 3.40E-12 | 2502 | 4.87E-12 | 2604 | 5.25E-12 | 2706 | 1.40E-11 | 2808 | 5.94E-12 | 2910 | 2.49E-11 | 3012 | 2.50E-11 | 3114 | 3.21E-11 |
| 1994 | 1.93E-12 | 2096 | 2.50E-12 | 2198 | 4.13E-12 | 2300 | 2.89E-12 | 2402 | 3.14E-12 | 2504 | 5.61E-12 | 2606 | 5.82E-12 | 2708 | 1.37E-11 | 2810 | 7.79E-12 | 2912 | 2.43E-11 | 3014 | 2.48E-11 | 3116 | 3.08E-11 |
| 1996 | 1.75E-12 | 2098 | 3.28E-12 | 2200 | 5.22E-12 | 2302 | 3.20E-12 | 2404 | 3.18E-12 | 2506 | 5.07E-12 | 2608 | 5.31E-12 | 2710 | 1.38E-11 | 2812 | 9.54E-12 | 2914 | 2.41E-11 | 3016 | 2.40E-11 | 3118 | 2.88E-11 |
| 1998 | 1.73E-12 | 2100 | 4.16E-12 | 2202 | 5.26E-12 | 2304 | 3.80E-12 | 2406 | 2.16E-12 | 2508 | 4.40E-12 | 2610 | 4.60E-12 | 2712 | 1.33E-11 | 2814 | 1.07E-11 | 2916 | 2.33E-11 | 3018 | 2.33E-11 | 3120 | 2.79E-11 |
| 2000 | 1.87E-12 | 2102 | 2.87E-12 | 2204 | 6.24E-12 | 2306 | 3.34E-12 | 2408 | 2.41E-12 | 2510 | 4.74E-12 | 2612 | 4.57E-12 | 2714 | 1.29E-11 | 2816 | 1.20E-11 | 2918 | 2.29E-11 | 3020 | 2.30E-11 | 3122 | 2.85E-11 |
| 2002 | 1.31E-12 | 2104 | 3.42E-12 | 2206 | 6.90E-12 | 2308 | 3.93E-12 | 2410 | 3.47E-12 | 2512 | 5.08E-12 | 2614 | 4.81E-12 | 2716 | 1.28E-11 | 2818 | 1.37E-11 | 2920 | 2.30E-11 | 3022 | 2.41E-11 | 3124 | 3.01E-11 |
| 2004 | 2.41E-12 | 2106 | 2.39E-12 | 2208 | 5.08E-12 | 2310 | 5.59E-12 | 2412 | 3.32E-12 | 2514 | 4.44E-12 | 2616 | 5.26E-12 | 2718 | 1.22E-11 | 2820 | 1.49E-11 | 2922 | 2.25E-11 | 3024 | 2.59E-11 | 3126 | 3.13E-11 |
| 2006 | 4.53E-12 | 2108 | 5.42E-13 | 2210 | 5.31E-12 | 2312 | 5.26E-12 | 2414 | 3.47E-12 | 2516 | 4.03E-12 | 2618 | 6.04E-12 | 2720 | 1.18E-11 | 2822 | 1.60E-11 | 2924 | 2.11E-11 | 3026 | 2.68E-11 | 3128 | 3.20E-11 |
| 2008 | 9.23E-13 | 2110 | 2.10E-12 | 2212 | 5.53E-12 | 2314 | 3.82E-12 | 2416 | 3.18E-12 | 2518 | 4.12E-12 | 2620 | 6.52E-12 | 2722 | 1.15E-11 | 2824 | 1.66E-11 | 2926 | 1.97E-11 | 3028 | 2.68E-11 | 3130 | 3.19E-11 |
| 2010 | -8.53E-13 | 2112 | 6.20E-12 | 2214 | 1.81E-12 | 2316 | 3.05E-12 | 2418 | 3.91E-12 | 2520 | 3.88E-12 | 2622 | 6.79E-12 | 2724 | 1.20E-11 | 2826 | 1.65E-11 | 2928 | 2.03E-11 | 3030 | 2.73E-11 | 3132 | 3.17E-11 |
| 2012 | -1.59E-12 | 2114 | 4.73E-12 | 2216 | 2.80E-12 | 2318 | 3.74E-12 | 2420 | 5.00E-12 | 2522 | 2.78E-12 | 2624 | 7.01E-12 | 2726 | 1.21E-11 | 2828 | 1.68E-11 | 2930 | 2.22E-11 | 3032 | 2.85E-11 | 3134 | 3.19E-11 |
| 2014 | 2.82E-12 | 2116 | 4.44E-12 | 2218 | 4.22E-12 | 2320 | 4.64E-12 | 2422 | 5.62E-12 | 2524 | 2.93E-12 | 2626 | 6.66E-12 | 2728 | 1.21E-11 | 2830 | 1.72E-11 | 2932 | 2.39E-11 | 3034 | 2.83E-11 | 3136 | 3.26E-11 |
| 2016 | 8.36E-12 | 2118 | 9.32E-12 | 2220 | 3.64E-12 | 2322 | 4.25E-12 | 2424 | 5.90E-12 | 2526 | 3.06E-12 | 2628 | 5.99E-12 | 2730 | 1.24E-11 | 2832 | 1.67E-11 | 2934 | 2.43E-11 | 3036 | 2.75E-11 | 3138 | 3.33E-11 |
| 2018 | 4.77E-12 | 2120 | 4.39E-12 | 2222 | 3.29E-12 | 2324 | 5.39E-12 | 2426 | 5.43E-12 | 2528 | 3.29E-12 | 2630 | 5.74E-12 | 2732 | 1.29E-11 | 2834 | 1.70E-11 | 2936 | 2.35E-11 | 3038 | 2.71E-11 | 3140 | 3.27E-11 |
| 2020 | 4.51E-13 | 2122 | 8.03E-12 | 2224 | 4.66E-12 | 2326 | 5.66E-12 | 2428 | 5.32E-12 | 2530 | 3.01E-12 | 2632 | 6.05E-12 | 2734 | 1.29E-11 | 2836 | 1.70E-11 | 2938 | 2.28E-11 | 3040 | 2.70E-11 | 3142 | 3.12E-11 |
| 2022 | 6.92E-13 | 2124 | 8.48E-12 | 2226 | 5.11E-12 | 2328 | 4.77E-12 | 2430 | 5.80E-12 | 2532 | 2.75E-12 | 2634 | 6.56E-12 | 2736 | 1.22E-11 | 2838 | 1.66E-11 | 2940 | 2.26E-11 | 3042 | 2.70E-11 | 3144 | 2.95E-11 |
| 2024 | 3.71E-12 | 2126 | 2.61E-12 | 2228 | 4.62E-12 | 2330 | 4.39E-12 | 2432 | 5.14E-12 | 2534 | 3.83E-12 | 2636 | 8.95E-12 | 2738 | 1.09E-11 | 2840 | 1.65E-11 | 2942 | 2.27E-11 | 3044 | 2.74E-11 | 3146 | 2.93E-11 |
| 2026 | 2.48E-12 | 2128 | 7.99E-12 | 2230 | 5.96E-12 | 2332 | 3.99E-12 | 2434 | 5.52E-12 | 2536 | 3.88E-12 | 2638 | 1.16E-11 | 2740 | 9.39E-12 | 2842 | 1.61E-11 | 2944 | 2.29E-11 | 3046 | 2.72E-11 | 3148 | 3.07E-11 |
| 2028 | 1.68E-12 | 2130 | 1.08E-11 | 2232 | 7.77E-12 | 2334 | 3.86E-12 | 2436 | 5.08E-12 | 2538 | 3.20E-12 | 2640 | 1.33E-11 | 2742 | 8.21E-12 | 2844 | 1.56E-11 | 2946 | 2.26E-11 | 3048 | 2.75E-11 | 3150 | 3.26E-11 |
| 2030 | 2.25E-12 | 2132 | 4.51E-12 | 2234 | 5.09E-12 | 2336 | 4.39E-12 | 2438 | 4.52E-12 | 2540 | 3.54E-12 | 2642 | 1.39E-11 | 2744 | 7.51E-12 | 2846 | 1.50E-11 | 2948 | 2.21E-11 | 3050 | 2.79E-11 | 3152 | 3.27E-11 |
| 2032 | 4.36E-12 | 2134 | 1.18E-12 | 2236 | 3.54E-12 | 2338 | 4.34E-12 | 2440 | 5.54E-12 | 2542 | 3.69E-12 | 2644 | 1.43E-11 | 2746 | 7.52E-12 | 2848 | | 2950 | 2.30E-11 | 3052 | 2.82E-11 | 3154 | 3.13E-11 |
| 2034 | 3.32E-13 | 2136 | 1.01E-12 | 2238 | 5.73E-12 | 2340 | 3.88E-12 | 2442 | 4.81E-12 | 2544 | 4.17E-12 | 2646 | | 2748 | 7.62E-12 | 2850 | | 2952 | 2.36E-11 | 3054 | | 3156 | 2.89E-11 |
| 2036 | 9.73E-13 | 2138 | 5.95E-12 | 2240 | 5.75E-12 | 2342 | 2.72E-12 | 2444 | 4.55E-12 | 2546 | 3.41E-12 | 2648 | | 2750 | 7.15E-12 | 2852 | | 2954 | 2.34E-11 | 3056 | | 3158 | 2.75E-11 |
| 2038 | 7.10E-13 | 2140 | 6.85E-12 | 2242 | 6.58E-12 | 2344 | 1.76E-12 | 2446 | 4.69E-12 | 2548 | 3.53E-12 | 2650 | 1.30E-11 | 2752 | 7.46E-12 | 2854 | | 2956 | 2.42E-11 | 3058 | | 3160 | 2.67E-11 |
| 2040 | 9.02E-13 | 2142 | 5.06E-12 | 2244 | 4.78E-12 | 2346 | 1.73E-12 | 2448 | 4.69E-12 | 2550 | 4.14E-12 | 2652 | 1.31E-11 | 2754 | 8.42E-12 | 2856 | | 2958 | 2.48E-11 | 3060 | | 3162 | 2.77E-11 |
| 2042 | 5.38E-13 | 2144 | 4.55E-12 | 2246 | 5.04E-12 | 2348 | 1.60E-12 | 2450 | 4.11E-12 | 2552 | 4.23E-12 | 2654 | 1.40E-11 | 2756 | 9.14E-12 | 2858 | 1.41E-11 | 2960 | 2.50E-11 | 3062 | 2.44E-11 | 3164 | 2.95E-11 |
| 2044 | 2.91E-12 | 2146 | 4.77E-12 | 2248 | 6.42E-12 | 2350 | 1.92E-12 | 2452 | 3.90E-12 | 2554 | 4.66E-12 | 2656 | 1.50E-11 | 2758 | 9.37E-12 | 2860 | 1.59E-11 | 2962 | 2.47E-11 | 3064 | 2.54E-11 | 3166 | 3.20E-11 |
| 2046 | 1.30E-12 | 2148 | 7.20E-12 | 2250 | 6.03E-12 | 2352 | 3.66E-12 | 2454 | 4.65E-12 | 2556 | 5.19E-12 | 2658 | 1.51E-11 | 2760 | 1.02E-11 | 2862 | 1.81E-11 | 2964 | 2.37E-11 | 3066 | 2.59E-11 | 3168 | 3.37E-11 |
| 2048 | 1.03E-12 | 2150 | 5.64E-12 | 2252 | 4.65E-12 | 2354 | 3.67E-12 | 2456 | 3.98E-12 | 2558 | 5.36E-12 | 2660 | 1.54E-11 | 2762 | 1.13E-11 | 2864 | 1.83E-11 | 2966 | 2.20E-11 | 3068 | 2.72E-11 | 3170 | 3.47E-11 |
| 2050 | 1.73E-12 | 2152 | 4.05E-12 | 2254 | 5.11E-12 | 2356 | 4.14E-12 | 2458 | 4.22E-12 | 2560 | 5.52E-12 | 2662 | 1.47E-11 | 2764 | 1.21E-11 | 2866 | 1.78E-11 | 2968 | 2.22E-11 | 3070 | 2.85E-11 | 3172 | 3.52E-11 |
| 2052 | -5.23E-13 | 2154 | 3.74E-12 | 2256 | 6.84E-12 | 2358 | 3.76E-12 | 2460 | 4.31E-12 | 2562 | 5.37E-12 | 2664 | 1.26E-11 | 2766 | 1.24E-11 | 2868 | 1.75E-11 | 2970 | 2.27E-11 | 3072 | 2.90E-11 | 3174 | 3.45E-11 |
| 2054 | 1.67E-12 | 2156 | 6.43E-12 | 2258 | 5.75E-12 | 2360 | 3.95E-12 | 2462 | 4.16E-12 | 2564 | 5.35E-12 | 2666 | 1.22E-11 | 2768 | 1.25E-11 | 2870 | 1.72E-11 | 2972 | 2.37E-11 | 3074 | 2.97E-11 | 3176 | 3.22E-11 |
| 2056 | 1.93E-12 | 2158 | 3.67E-12 | 2260 | 5.46E-12 | 2362 | 3.70E-12 | 2464 | 3.40E-12 | 2566 | 5.41E-12 | 2668 | 1.24E-11 | 2770 | 1.26E-11 | 2872 | 1.73E-11 | 2974 | 2.51E-11 | 3076 | 2.99E-11 | 3178 | 2.91E-11 |
| 2058 | 4.85E-12 | 2160 | 5.50E-12 | 2262 | 2.98E-12 | 2364 | 2.47E-12 | 2466 | 4.40E-12 | 2568 | 6.27E-12 | 2670 | 1.23E-11 | 2772 | 1.27E-11 | 2874 | 1.81E-11 | 2976 | 2.61E-11 | 3078 | 2.95E-11 | 3180 | 2.68E-11 |
| 2060 | 4.57E-12 | 2162 | 6.25E-12 | 2264 | 4.60E-12 | 2366 | 3.23E-12 | 2468 | 4.04E-12 | 2570 | 7.12E-12 | 2672 | 1.27E-11 | 2774 | 1.36E-11 | 2876 | 1.80E-11 | 2978 | 2.61E-11 | 3080 | 2.92E-11 | 3182 | 2.65E-11 |
| 2062 | 8.21E-13 | 2164 | 3.13E-12 | 2266 | 4.88E-12 | 2368 | 4.84E-12 | 2470 | 4.35E-12 | 2572 | 7.97E-12 | 2674 | 1.35E-11 | 2776 | 1.33E-11 | 2878 | 1.69E-11 | 2980 | 2.47E-11 | 3082 | 2.95E-11 | 3184 | 2.78E-11 |
| 2064 | -1.68E-12 | 2166 | 3.55E-12 | 2268 | 3.18E-12 | 2370 | 3.67E-12 | 2472 | 4.22E-12 | 2574 | 7.84E-12 | 2676 | 1.37E-11 | 2778 | 1.23E-11 | 2880 | 1.56E-11 | 2982 | 2.28E-11 | 3084 | 3.07E-11 | 3186 | 2.87E-11 |
| 2066 | 1.39E-12 | 2168 | 3.00E-12 | 2270 | 2.88E-12 | 2372 | 3.77E-12 | 2474 | 4.12E-12 | 2576 | 7.63E-12 | 2678 | 1.37E-11 | 2780 | 1.15E-11 | 2882 | 1.55E-11 | 2984 | 2.12E-11 | 3086 | 3.08E-11 | 3188 | 2.98E-11 |
| 2068 | 3.35E-12 | 2170 | 2.78E-12 | 2272 | 2.81E-12 | 2374 | 3.57E-12 | 2476 | 4.10E-12 | 2578 | 6.44E-12 | 2680 | 1.36E-11 | 2782 | 1.02E-11 | 2884 | 1.70E-11 | 2986 | 2.10E-11 | 3088 | 2.95E-11 | 3190 | 3.14E-11 |
| 2070 | -7.01E-13 | 2172 | 5.09E-12 | 2274 | 2.70E-12 | 2376 | 4.15E-12 | 2478 | 4.57E-12 | 2580 | 7.50E-12 | 2682 | 1.34E-11 | 2784 | 9.62E-12 | 2886 | 1.78E-11 | 2988 | 2.24E-11 | 3090 | 2.88E-11 | 3192 | 3.21E-11 |
| 2072 | -2.91E-13 | 2174 | 2.86E-12 | 2276 | 4.70E-12 | 2378 | 3.58E-12 | 2480 | 5.02E-12 | 2582 | 8.22E-12 | 2684 | 1.32E-11 | 2786 | 9.10E-12 | 2888 | 1.89E-11 | 2990 | 2.47E-11 | 3092 | 2.71E-11 | 3194 | 3.15E-11 |
| 2074 | -1.51E-12 | 2176 | 4.35E-12 | 2278 | 4.56E-12 | 2380 | 3.27E-12 | 2482 | 3.77E-12 | 2584 | 7.32E-12 | 2686 | 1.27E-11 | 2788 | 8.34E-12 | 2890 | 1.96E-11 | 2992 | 2.54E-11 | 3094 | 2.56E-11 | 3196 | 3.22E-11 |
| 2076 | 2.83E-12 | 2178 | 6.67E-12 | 2280 | 2.65E-12 | 2382 | 3.02E-12 | 2484 | 3.75E-12 | 2586 | 6.91E-12 | 2688 | 1.25E-11 | 2790 | 7.33E-12 | 2892 | 1.94E-11 | 2994 | 2.48E-11 | 3096 | 2.57E-11 | 3198 | 3.39E-11 |


HD 120136 F7 V
V=4.50 (B-V)=0.48 E(B-V)=-0.02
LAP: LWP 14965, LWP 14967
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 165908 F7 V V=5.04 (B-V)=0.52 E(B-V)=0.02**

**LAP: LWP 12705, LWP 15558; SAP: LWP 15558**

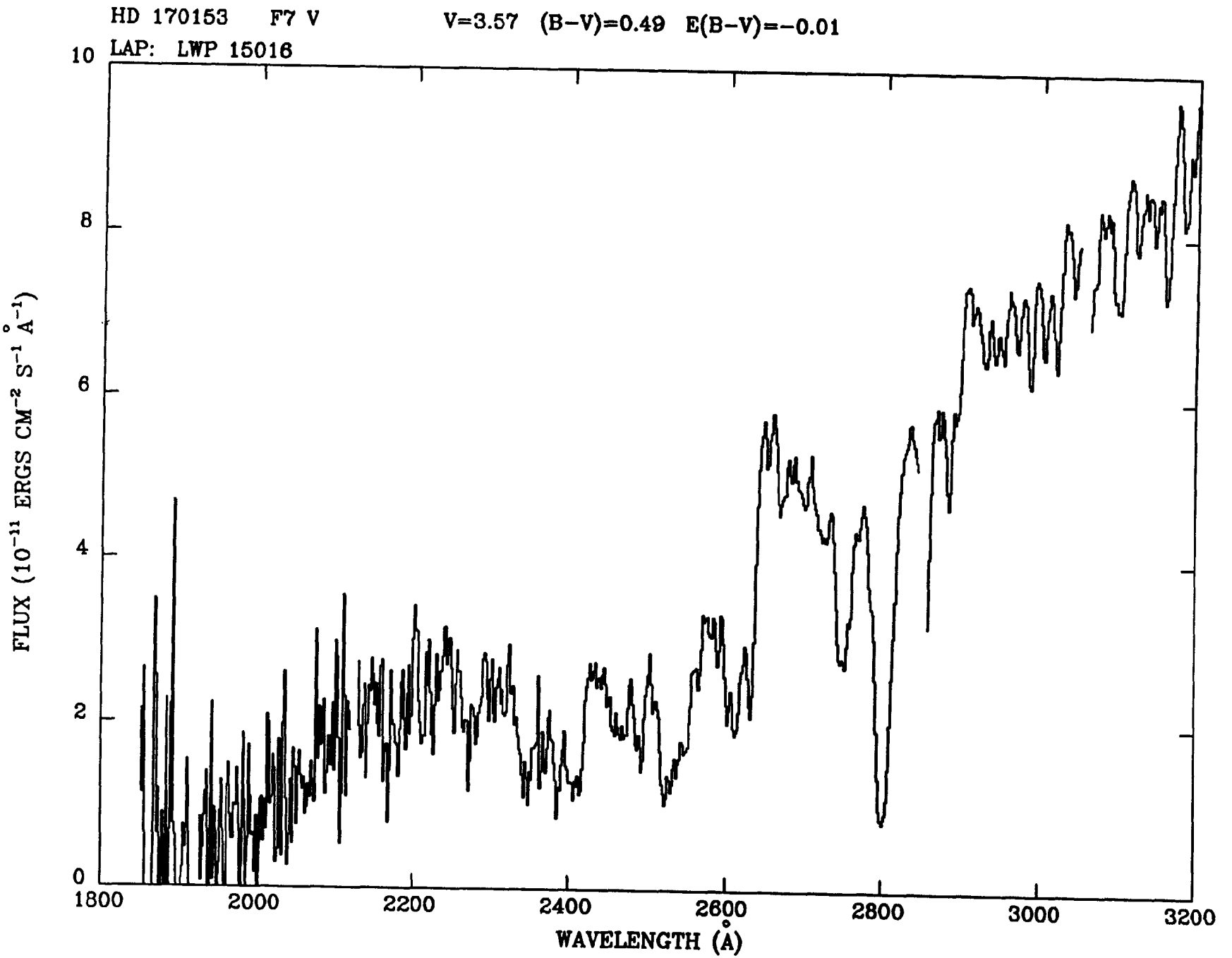
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.07E-12 | 2078 | 3.53E-12 | 2180 | 4.77E-12 | 2282 | 5.14E-12 | 2384 | 1.78E-12 | 2486 | 3.25E-12 | 2588 | 6.37E-12 | 2690 | 1.13E-11 | 2792 | 3.11E-12 | 2894 | 1.46E-11 | 2996 | 1.74E-11 | 3098 | 1.63E-11 |
| 1978 | 1.81E-12 | 2080 | 2.87E-12 | 2182 | 4.95E-12 | 2284 | 5.22E-12 | 2386 | 2.21E-12 | 2488 | 3.14E-12 | 2590 | 6.80E-12 | 2692 | 1.11E-11 | 2794 | 2.13E-12 | 2896 | 1.56E-11 | 2998 | 1.68E-11 | 3100 | 1.67E-11 |
| 1980 | 1.54E-13 | 2082 | 2.78E-12 | 2184 | 5.48E-12 | 2286 | 5.04E-12 | 2388 | 2.94E-12 | 2490 | 2.86E-12 | 2592 | 6.92E-12 | 2694 | 1.11E-11 | 2796 | 1.83E-12 | 2898 | 1.72E-11 | 3000 | 1.61E-11 | 3102 | 1.75E-11 |
| 1982 | 1.95E-13 | 2084 | 3.19E-12 | 2186 | 5.32E-12 | 2288 | 5.06E-12 | 2390 | 3.08E-12 | 2492 | 2.74E-12 | 2594 | 6.39E-12 | 2696 | 1.12E-11 | 2798 | 1.71E-12 | 2900 | 1.79E-11 | 3002 | 1.60E-11 | 3104 | 1.83E-11 |
| 1984 | 1.06E-12 | 2086 | 3.69E-12 | 2188 | 5.16E-12 | 2290 | 5.06E-12 | 2392 | 3.26E-12 | 2494 | 3.24E-12 | 2596 | 5.64E-12 | 2698 | 1.12E-11 | 2800 | 1.80E-12 | 2902 | 1.80E-11 | 3004 | 1.62E-11 | 3106 | 1.94E-11 |
| 1986 | 6.36E-13 | 2088 | 3.20E-12 | 2190 | 4.39E-12 | 2292 | 4.83E-12 | 2394 | 3.20E-12 | 2496 | 4.78E-12 | 2598 | 4.97E-12 | 2700 | 1.15E-11 | 2802 | 2.12E-12 | 2904 | 1.80E-11 | 3006 | 1.67E-11 | 3108 | 2.03E-11 |
| 1988 | 8.24E-13 | 2090 | 2.88E-12 | 2192 | 3.76E-12 | 2294 | 5.57E-12 | 2396 | 2.80E-12 | 2498 | 5.73E-12 | 2600 | 4.29E-12 | 2702 | 1.21E-11 | 2804 | 2.35E-12 | 2906 | 1.78E-11 | 3008 | 1.70E-11 | 3110 | 2.07E-11 |
| 1990 | 7.11E-13 | 2092 | 3.74E-12 | 2194 | 4.51E-12 | 2296 | 5.02E-12 | 2398 | 2.68E-12 | 2500 | 5.37E-12 | 2602 | 4.45E-12 | 2704 | 1.23E-11 | 2806 | 2.98E-12 | 2908 | 1.72E-11 | 3010 | 1.75E-11 | 3112 | 2.08E-11 |
| 1992 | 1.64E-12 | 2094 | 3.36E-12 | 2196 | 5.19E-12 | 2298 | 4.44E-12 | 2400 | 2.56E-12 | 2502 | 5.04E-12 | 2604 | 5.14E-12 | 2706 | 1.22E-11 | 2808 | 4.14E-12 | 2910 | 1.70E-11 | 3012 | 1.79E-11 | 3114 | 2.06E-11 |
| 1994 | 1.37E-12 | 2096 | 3.23E-12 | 2198 | 5.22E-12 | 2300 | 4.53E-12 | 2402 | 2.59E-12 | 2504 | 4.88E-12 | 2606 | 4.91E-12 | 2708 | 1.18E-11 | 2810 | 5.43E-12 | 2912 | 1.70E-11 | 3014 | 1.74E-11 | 3116 | 1.99E-11 |
| 1996 | 1.28E-12 | 2098 | 4.09E-12 | 2200 | 5.11E-12 | 2302 | 4.82E-12 | 2404 | 2.72E-12 | 2506 | 4.42E-12 | 2608 | 4.58E-12 | 2710 | 1.12E-11 | 2812 | 6.61E-12 | 2914 | 1.71E-11 | 3016 | 1.65E-11 | 3118 | 1.90E-11 |
| 1998 | 1.31E-12 | 2100 | 3.43E-12 | 2202 | 4.82E-12 | 2304 | 5.05E-12 | 2406 | 1.85E-12 | 2508 | 3.94E-12 | 2610 | 4.24E-12 | 2712 | 1.10E-11 | 2814 | 7.91E-12 | 2916 | 1.69E-11 | 3018 | 1.59E-11 | 3120 | 1.90E-11 |
| 2000 | 1.50E-12 | 2102 | 3.51E-12 | 2204 | 5.37E-12 | 2306 | 5.44E-12 | 2408 | 2.01E-12 | 2510 | 4.01E-12 | 2612 | 3.95E-12 | 2714 | 1.08E-11 | 2816 | 9.24E-12 | 2918 | 1.66E-11 | 3020 | 1.61E-11 | 3122 | 1.91E-11 |
| 2002 | 1.17E-12 | 2104 | 3.70E-12 | 2206 | 5.69E-12 | 2308 | 5.27E-12 | 2410 | 2.17E-12 | 2512 | 3.85E-12 | 2614 | 4.40E-12 | 2716 | 1.05E-11 | 2818 | 1.04E-11 | 2920 | 1.65E-11 | 3022 | 1.71E-11 | 3124 | 1.94E-11 |
| 2004 | 1.71E-12 | 2106 | 3.35E-12 | 2208 | 4.63E-12 | 2310 | 5.18E-12 | 2412 | 2.57E-12 | 2514 | 2.80E-12 | 2616 | 5.04E-12 | 2718 | 9.83E-12 | 2820 | 1.12E-11 | 2922 | 1.62E-11 | 3024 | 1.82E-11 | 3126 | 1.97E-11 |
| 2006 | 2.09E-12 | 2108 | 3.30E-12 | 2210 | 4.36E-12 | 2312 | 4.76E-12 | 2414 | 3.13E-12 | 2516 | 2.12E-12 | 2618 | 5.71E-12 | 2720 | 9.39E-12 | 2822 | 1.19E-11 | 2924 | 1.57E-11 | 3026 | 1.91E-11 | 3128 | 2.00E-11 |
| 2008 | 4.25E-13 | 2110 | 3.68E-12 | 2212 | 3.61E-12 | 2314 | 4.22E-12 | 2416 | 3.71E-12 | 2518 | 2.06E-12 | 2620 | 6.14E-12 | 2722 | 9.44E-12 | 2824 | 1.23E-11 | 2926 | 1.56E-11 | 3028 | 1.94E-11 | 3130 | 2.01E-11 |
| 2010 | 1.13E-12 | 2112 | 3.92E-12 | 2214 | 3.31E-12 | 2316 | 4.46E-12 | 2418 | 4.58E-12 | 2520 | 2.28E-12 | 2622 | 6.51E-12 | 2724 | 9.48E-12 | 2826 | 1.26E-11 | 2928 | 1.57E-11 | 3030 | 2.00E-11 | 3132 | 2.02E-11 |
| 2012 | 1.47E-12 | 2114 | 3.75E-12 | 2216 | 3.71E-12 | 2318 | 4.95E-12 | 2420 | 5.38E-12 | 2522 | 2.46E-12 | 2624 | 6.61E-12 | 2726 | 9.59E-12 | 2828 | 1.27E-11 | 2930 | 1.63E-11 | 3032 | 2.02E-11 | 3134 | 2.02E-11 |
| 2014 | 2.40E-12 | 2116 | 4.02E-12 | 2218 | 4.05E-12 | 2320 | 5.48E-12 | 2422 | 5.78E-12 | 2524 | 2.26E-12 | 2626 | 6.12E-12 | 2728 | 9.78E-12 | 2830 | 1.28E-11 | 2932 | 1.67E-11 | 3034 | 1.96E-11 | 3136 | 2.04E-11 |
| 2016 | 2.78E-12 | 2118 | 5.09E-12 | 2220 | 4.27E-12 | 2322 | 5.57E-12 | 2424 | 5.88E-12 | 2526 | 2.15E-12 | 2628 | 5.16E-12 | 2730 | 1.05E-11 | 2832 | 1.28E-11 | 2934 | 1.68E-11 | 3036 | 1.91E-11 | 3138 | 2.03E-11 |
| 2018 | 9.93E-13 | 2120 | 5.67E-12 | 2222 | 4.72E-12 | 2324 | 5.08E-12 | 2426 | 5.76E-12 | 2528 | 2.26E-12 | 2630 | 4.92E-12 | 2732 | 1.07E-11 | 2834 | 1.28E-11 | 2936 | 1.64E-11 | 3038 | 1.87E-11 | 3140 | 1.96E-11 |
| 2020 | 6.78E-13 | 2122 | 5.09E-12 | 2224 | 5.16E-12 | 2326 | 5.39E-12 | 2428 | 5.96E-12 | 2530 | 2.53E-12 | 2632 | 5.65E-12 | 2734 | 1.01E-11 | 2836 | 1.25E-11 | 2938 | 1.64E-11 | 3040 | 1.86E-11 | 3142 | 1.88E-11 |
| 2022 | 1.93E-12 | 2124 | 3.39E-12 | 2226 | 4.59E-12 | 2328 | 4.20E-12 | 2430 | 5.69E-12 | 2532 | 2.99E-12 | 2634 | 7.31E-12 | 2736 | 9.11E-12 | 2838 | 1.21E-11 | 2940 | 1.65E-11 | 3042 | 1.87E-11 | 3144 | 1.85E-11 |
| 2024 | 2.66E-12 | 2126 | 3.13E-12 | 2228 | 3.97E-12 | 2330 | 3.76E-12 | 2432 | 5.37E-12 | 2534 | 3.52E-12 | 2636 | 9.62E-12 | 2738 | 8.12E-12 | 2840 | 1.22E-11 | 2942 | 1.68E-11 | 3044 | 1.88E-11 | 3146 | 1.88E-11 |
| 2026 | 1.58E-12 | 2128 | 4.24E-12 | 2230 | 5.24E-12 | 2332 | 3.54E-12 | 2434 | 4.98E-12 | 2536 | 3.39E-12 | 2638 | 1.16E-11 | 2740 | 7.29E-12 | 2842 | 1.21E-11 | 2944 | 1.67E-11 | 3046 | 1.91E-11 | 3148 | 1.98E-11 |
| 2028 | 2.01E-12 | 2130 | 4.03E-12 | 2232 | 6.43E-12 | 2334 | 3.30E-12 | 2436 | 4.64E-12 | 2538 | 3.06E-12 | 2640 | 1.26E-11 | 2742 | 6.73E-12 | 2844 | 1.15E-11 | 2946 | 1.64E-11 | 3048 | 1.95E-11 | 3150 | 2.02E-11 |
| 2030 | 2.28E-12 | 2132 | 3.36E-12 | 2234 | 6.24E-12 | 2336 | 3.39E-12 | 2438 | 4.99E-12 | 2540 | 3.36E-12 | 2642 | 1.27E-11 | 2744 | 6.39E-12 | 2846 | 1.09E-11 | 2948 | 1.62E-11 | 3050 | 1.96E-11 | 3152 | 2.02E-11 |
| 2032 | 1.81E-12 | 2134 | 3.21E-12 | 2236 | 6.89E-12 | 2338 | 3.33E-12 | 2440 | 5.44E-12 | 2542 | 3.80E-12 | 2644 | 1.20E-11 | 2746 | 6.28E-12 | 2848 | | 2950 | 1.65E-11 | 3052 | | 3154 | 1.95E-11 |
| 2034 | 1.61E-12 | 2136 | 3.69E-12 | 2238 | 6.93E-12 | 2340 | 2.93E-12 | 2442 | 5.50E-12 | 2544 | 4.12E-12 | 2646 | 1.22E-11 | 2748 | 6.07E-12 | 2850 | | 2952 | 1.68E-11 | 3054 | | 3156 | 1.82E-11 |
| 2036 | 2.68E-12 | 2138 | 4.49E-12 | 2240 | 6.76E-12 | 2342 | 2.40E-12 | 2444 | 5.58E-12 | 2546 | 3.92E-12 | 2648 | 1.13E-11 | 2750 | 6.22E-12 | 2852 | | 2954 | 1.66E-11 | 3056 | | 3158 | 1.80E-11 |
| 2038 | 2.49E-12 | 2140 | 4.55E-12 | 2242 | 5.57E-12 | 2344 | 2.37E-12 | 2446 | 5.14E-12 | 2548 | 3.72E-12 | 2650 | 1.16E-11 | 2752 | 7.00E-12 | 2854 | | 2956 | 1.72E-11 | 3058 | | 3160 | 1.82E-11 |
| 2040 | 1.50E-12 | 2142 | 4.34E-12 | 2244 | 4.96E-12 | 2346 | 2.38E-12 | 2448 | 4.43E-12 | 2550 | 3.91E-12 | 2652 | 1.25E-11 | 2754 | 7.80E-12 | 2856 | 7.31E-12 | 2958 | 1.76E-11 | 3060 | | 3162 | 1.89E-11 |
| 2042 | 1.41E-12 | 2144 | 4.62E-12 | 2246 | 4.97E-12 | 2348 | 2.20E-12 | 2450 | 3.83E-12 | 2552 | 4.46E-12 | 2654 | 1.28E-11 | 2756 | 7.90E-12 | 2858 | 9.95E-12 | 2960 | 1.78E-11 | 3062 | 1.76E-11 | 3164 | 2.00E-11 |
| 2044 | 2.62E-12 | 2146 | 5.19E-12 | 2248 | 5.50E-12 | 2350 | 2.97E-12 | 2452 | 3.77E-12 | 2554 | 5.33E-12 | 2656 | 1.31E-11 | 2758 | 8.34E-12 | 2860 | 1.24E-11 | 2962 | 1.77E-11 | 3064 | 1.73E-11 | 3166 | 2.13E-11 |
| 2046 | 2.50E-12 | 2148 | 4.88E-12 | 2250 | 5.33E-12 | 2352 | 3.99E-12 | 2454 | 3.75E-12 | 2556 | 6.04E-12 | 2658 | 1.34E-11 | 2760 | 9.25E-12 | 2862 | 1.35E-11 | 2964 | 1.69E-11 | 3066 | 1.74E-11 | 3168 | 2.22E-11 |
| 2048 | 1.91E-12 | 2150 | 3.83E-12 | 2252 | 4.99E-12 | 2354 | 4.19E-12 | 2456 | 3.68E-12 | 2558 | 6.09E-12 | 2660 | 1.34E-11 | 2762 | 9.99E-12 | 2864 | 1.37E-11 | 2966 | 1.60E-11 | 3068 | 1.80E-11 | 3170 | 2.28E-11 |
| 2050 | 2.29E-12 | 2152 | 4.38E-12 | 2254 | 5.23E-12 | 2356 | 4.30E-12 | 2458 | 3.93E-12 | 2560 | 5.76E-12 | 2662 | 1.26E-11 | 2764 | 1.03E-11 | 2866 | 1.30E-11 | 2968 | 1.59E-11 | 3070 | 1.85E-11 | 3172 | 2.31E-11 |
| 2052 | 2.82E-12 | 2154 | 4.83E-12 | 2256 | 5.61E-12 | 2358 | 3.87E-12 | 2460 | 4.35E-12 | 2562 | 5.46E-12 | 2664 | 1.15E-11 | 2766 | 1.04E-11 | 2868 | 1.30E-11 | 2970 | 1.63E-11 | 3072 | 1.87E-11 | 3174 | 2.22E-11 |
| 2054 | 2.74E-12 | 2156 | 4.25E-12 | 2258 | 5.06E-12 | 2360 | 3.67E-12 | 2462 | 3.65E-12 | 2564 | 5.63E-12 | 2666 | 1.09E-11 | 2768 | 1.03E-11 | 2870 | 1.30E-11 | 2972 | 1.68E-11 | 3074 | 1.89E-11 | 3176 | 2.04E-11 |
| 2056 | 2.81E-12 | 2158 | 4.03E-12 | 2260 | 4.71E-12 | 2362 | 3.27E-12 | 2464 | 3.48E-12 | 2566 | 5.80E-12 | 2668 | 1.08E-11 | 2770 | 1.03E-11 | 2872 | 1.33E-11 | 2974 | 1.75E-11 | 3076 | 1.92E-11 | 3178 | 1.92E-11 |
| 2058 | 2.64E-12 | 2160 | 4.75E-12 | 2262 | 4.32E-12 | 2364 | 2.91E-12 | 2466 | 3.79E-12 | 2568 | 6.82E-12 | 2670 | 1.10E-11 | 2772 | 1.05E-11 | 2874 | 1.34E-11 | 2976 | 1.81E-11 | 3078 | 1.94E-11 | 3180 | 1.86E-11 |
| 2060 | 2.17E-12 | 2162 | 4.17E-12 | 2264 | 4.37E-12 | 2366 | 3.38E-12 | 2468 | 4.41E-12 | 2570 | 7.89E-12 | 2672 | 1.14E-11 | 2774 | 1.04E-11 | 2876 | 1.30E-11 | 2978 | 1.80E-11 | 3080 | 1.92E-11 | 3182 | 1.89E-11 |
| 2062 | 2.31E-12 | 2164 | 3.70E-12 | 2266 | 3.73E-12 | 2368 | 3.82E-12 | 2470 | 5.04E-12 | 2572 | 8.00E-12 | 2674 | 1.18E-11 | 2776 | 1.00E-11 | 2878 | 1.23E-11 | 2980 | 1.70E-11 | 3082 | 1.90E-11 | 3184 | 2.00E-11 |
| 2064 | 1.98E-12 | 2166 | 4.12E-12 | 2268 | 3.48E-12 | 2370 | 3.89E-12 | 2472 | 4.94E-12 | 2574 | 7.43E-12 | 2676 | 1.20E-11 | 2778 | 9.22E-12 | 2880 | 1.16E-11 | 2982 | 1.57E-11 | 3084 | 1.89E-11 | 3186 | 2.06E-11 |
| 2066 | 2.36E-12 | 2168 | 3.78E-12 | 2270 | 3.88E-12 | 2372 | 3.78E-12 | 2474 | 5.07E-12 | 2576 | 6.79E-12 | 2678 | 1.19E-11 | 2780 | 8.35E-12 | 2882 | 1.16E-11 | 2984 | 1.52E-11 | 3086 | 1.83E-11 | 3188 | 2.07E-11 |
| 2068 | 2.44E-12 | 2170 | 3.59E-12 | 2272 | 3.88E-12 | 2374 | 3.79E-12 | 2476 | 5.01E-12 | 2578 | 6.66E-12 | 2680 | 1.17E-11 | 2782 | 7.45E-12 | 2884 | 1.27E-11 | 2986 | 1.57E-11 | 3088 | 1.77E-11 | 3190 | 2.11E-11 |
| 2070 | 2.12E-12 | 2172 | 4.23E-12 | 2274 | 3.85E-12 | 2376 | 3.76E-12 | 2478 | 4.73E-12 | 2580 | 7.48E-12 | 2682 | 1.19E-11 | 2784 | 7.20E-12 | 2886 | 1.38E-11 | 2988 | 1.66E-11 | 3090 | 1.72E-11 | 3192 | 2.14E-11 |
| 2072 | 2.18E-12 | 2174 | 3.96E-12 | 2276 | 4.08E-12 | 2378 | 3.75E-12 | 2480 | 4.23E-12 | 2582 | 7.87E-12 | 2684 | 1.21E-11 | 2786 | 6.75E-12 | 2888 | 1.44E-11 | 2990 | 1.75E-11 | 3092 | 1.65E-11 | 3194 | 2.20E-11 |
| 2074 | 2.68E-12 | 2176 | 3.89E-12 | 2278 | 4.21E-12 | 2380 | 2.84E-12 | 2482 | 3.52E-12 | 2584 | 7.38E-12 | 2686 | 1.20E-11 | 2788 | 5.84E-12 | 2890 | 1.43E-11 | 2992 | 1.78E-11 | 3094 | 1.62E-11 | 3196 | 2.30E-11 |
| 2076 | 3.59E-12 | 2178 | 4.61E-12 | 2280 | 4.56E-12 | 2382 | 1.88E-12 | 2484 | 3.32E-12 | 2586 | 6.67E-12 | 2688 | 1.18E-11 | 2790 | 4.46E-12 | 2892 | 1.44E-11 | 2994 | 1.76E-11 | 3096 | 1.64E-11 | 3198 | 1.44E-11 |


HD 165908 F7 V
V=5.04 (B−V)=0.52 E(B−V)=0.02
LAP: LWP 12705, LWP 15558; SAP: LWP 15558
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

HD 170153 F7 V V=3.57 (B-V)=0.49 E(B-V)=-0.01

LAP: LWP 15016

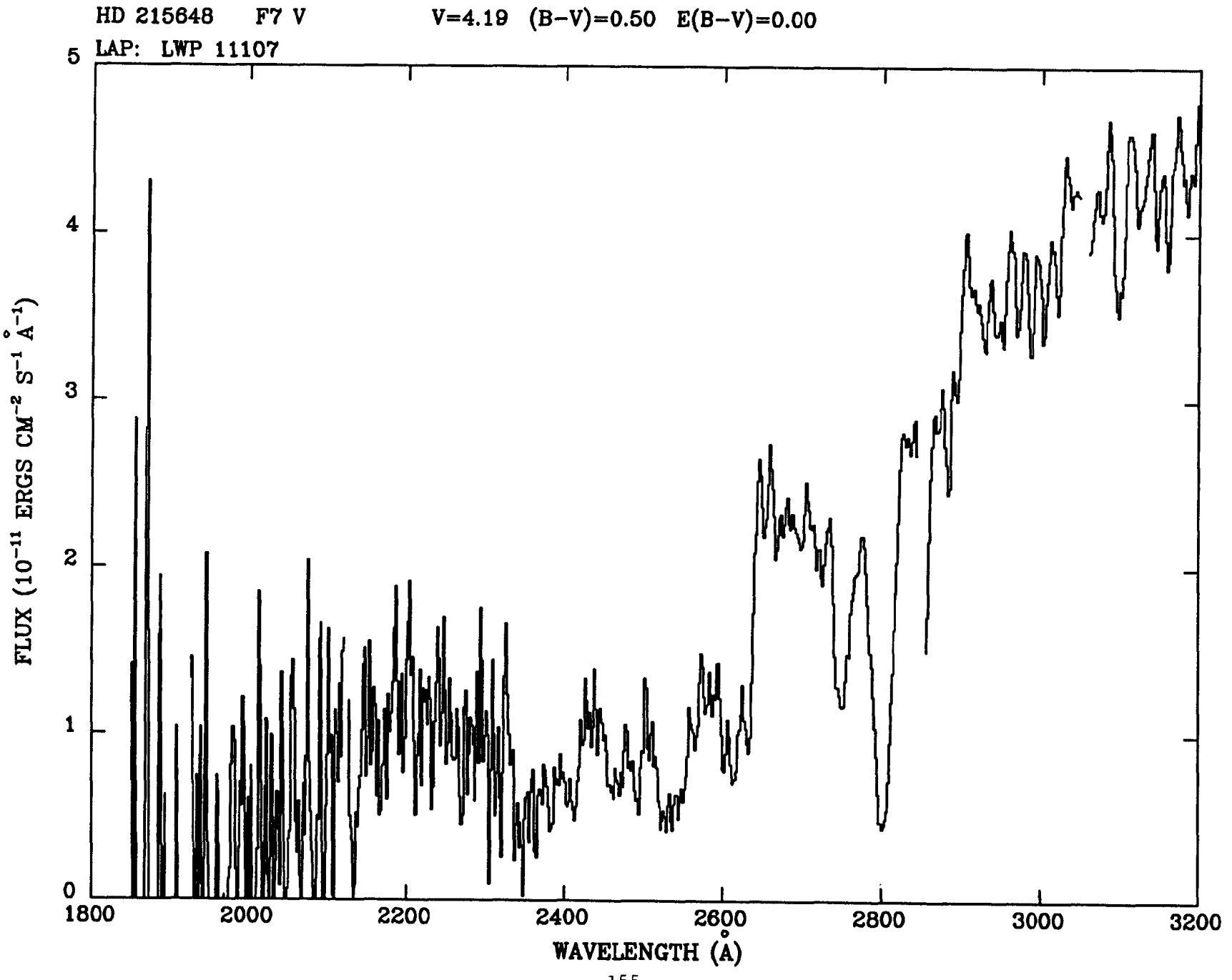
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.17E-11 | 2078 | 1.84E-11 | 2180 | 1.70E-11 | 2282 | 1.81E-11 | 2384 | 1.24E-11 | 2486 | 1.72E-11 | 2588 | 2.86E-11 | 2690 | 5.01E-11 | 2792 | 2.30E-11 | 2894 | 5.89E-11 | 2996 | 7.47E-11 | 3098 | 7.14E-11 |
| 1978 | 1.76E-12 | 2080 | 1.91E-11 | 2182 | 1.44E-11 | 2284 | 2.05E-11 | 2386 | 9.58E-12 | 2488 | 1.85E-11 | 2590 | 2.80E-11 | 2692 | 4.91E-11 | 2794 | 1.67E-11 | 2896 | 6.17E-11 | 2998 | 7.36E-11 | 3100 | 7.15E-11 |
| 1980 | -1.48E-12 | 2082 | 1.89E-11 | 2184 | 2.07E-11 | 2286 | 2.20E-11 | 2388 | 1.23E-11 | 2490 | 1.76E-11 | 2592 | 3.11E-11 | 2694 | 4.87E-11 | 2796 | 1.17E-11 | 2898 | 6.60E-11 | 3000 | 7.08E-11 | 3102 | 7.17E-11 |
| 1982 | 1.47E-11 | 2084 | 2.04E-11 | 2186 | 2.54E-11 | 2288 | 2.31E-11 | 2390 | 1.32E-11 | 2492 | 1.45E-11 | 2594 | 3.32E-11 | 2696 | 4.80E-11 | 2798 | 9.27E-12 | 2900 | 7.00E-11 | 3002 | 6.68E-11 | 3104 | 7.50E-11 |
| 1984 | 1.17E-11 | 2086 | 2.25E-11 | 2188 | 2.43E-11 | 2290 | 2.74E-11 | 2392 | 1.59E-11 | 2494 | 1.60E-11 | 2596 | 3.13E-11 | 2698 | 4.71E-11 | 2800 | 8.50E-12 | 2902 | 7.24E-11 | 3004 | 6.54E-11 | 3106 | 8.12E-11 |
| 1986 | -9.02E-13 | 2088 | 1.31E-11 | 2190 | 1.88E-11 | 2292 | 2.85E-11 | 2394 | 1.82E-11 | 2496 | 2.13E-11 | 2598 | 2.74E-11 | 2700 | 4.68E-11 | 2802 | 8.79E-12 | 2904 | 7.37E-11 | 3006 | 6.80E-11 | 3108 | 8.47E-11 |
| 1988 | 6.52E-12 | 2090 | 1.36E-11 | 2192 | 2.02E-11 | 2294 | 2.73E-11 | 2396 | 1.66E-11 | 2498 | 2.39E-11 | 2600 | 2.34E-11 | 2702 | 4.80E-11 | 2804 | 9.40E-12 | 2906 | 7.40E-11 | 3008 | 7.04E-11 | 3110 | 8.58E-11 |
| 1990 | 1.63E-11 | 2092 | 1.81E-11 | 2194 | 2.54E-11 | 2296 | 2.26E-11 | 2398 | 1.47E-11 | 2500 | 2.51E-11 | 2602 | 2.07E-11 | 2704 | 5.02E-11 | 2806 | 1.11E-11 | 2908 | 7.38E-11 | 3010 | 7.21E-11 | 3112 | 8.72E-11 |
| 1992 | 1.00E-11 | 2094 | 1.80E-11 | 2196 | 2.16E-11 | 2298 | 2.14E-11 | 2400 | 1.34E-11 | 2502 | 2.70E-11 | 2604 | 2.17E-11 | 2706 | 5.18E-11 | 2808 | 1.51E-11 | 2910 | 7.14E-11 | 3012 | 7.33E-11 | 3114 | 8.74E-11 |
| 1994 | 6.35E-12 | 2096 | 1.59E-11 | 2198 | 2.01E-11 | 2300 | 2.60E-11 | 2402 | 1.30E-11 | 2504 | 2.73E-11 | 2606 | 2.41E-11 | 2708 | 5.13E-11 | 2810 | 2.09E-11 | 2912 | 7.02E-11 | 3014 | 7.16E-11 | 3116 | 8.66E-11 |
| 1996 | 5.15E-12 | 2098 | 2.03E-11 | 2200 | 2.78E-11 | 2302 | 2.55E-11 | 2404 | 1.29E-11 | 2506 | 2.35E-11 | 2608 | 2.27E-11 | 2710 | 4.83E-11 | 2812 | 2.67E-11 | 2914 | 7.09E-11 | 3016 | 6.88E-11 | 3118 | 8.43E-11 |
| 1998 | 4.21E-12 | 2100 | 1.89E-11 | 2202 | 3.35E-11 | 2304 | 2.09E-11 | 2406 | 1.10E-11 | 2508 | 2.19E-11 | 2610 | 1.97E-11 | 2712 | 4.70E-11 | 2814 | 3.21E-11 | 2916 | 7.16E-11 | 3018 | 6.69E-11 | 3120 | 7.96E-11 |
| 2000 | 7.67E-12 | 2102 | 2.92E-11 | 2204 | 3.17E-11 | 2306 | 2.22E-11 | 2408 | 1.31E-11 | 2510 | 2.27E-11 | 2612 | 1.89E-11 | 2714 | 4.62E-11 | 2816 | 3.73E-11 | 2918 | 7.14E-11 | 3020 | 6.42E-11 | 3122 | 7.83E-11 |
| 2002 | -9.77E-13 | 2104 | 2.35E-11 | 2206 | 3.12E-11 | 2308 | 2.50E-11 | 2410 | 1.27E-11 | 2512 | 2.23E-11 | 2614 | 1.94E-11 | 2716 | 4.46E-11 | 2818 | 4.32E-11 | 2920 | 6.99E-11 | 3022 | 6.56E-11 | 3124 | 8.01E-11 |
| 2004 | 9.39E-12 | 2106 | 1.17E-11 | 2208 | 2.25E-11 | 2310 | 2.63E-11 | 2412 | 1.33E-11 | 2514 | 2.13E-11 | 2616 | 2.03E-11 | 2718 | 4.42E-11 | 2820 | 4.73E-11 | 2922 | 6.86E-11 | 3024 | 7.02E-11 | 3126 | 8.25E-11 |
| 2006 | 1.06E-11 | 2108 | 8.66E-12 | 2210 | 1.97E-11 | 2312 | 2.40E-11 | 2414 | 1.16E-11 | 2516 | 1.77E-11 | 2618 | 2.30E-11 | 2720 | 4.37E-11 | 2822 | 5.01E-11 | 2924 | 6.74E-11 | 3026 | 7.46E-11 | 3128 | 8.38E-11 |
| 2008 | 6.12E-12 | 2110 | 2.71E-11 | 2212 | 1.77E-11 | 2314 | 2.37E-11 | 2416 | 1.29E-11 | 2518 | 1.34E-11 | 2620 | 2.59E-11 | 2722 | 4.27E-11 | 2824 | 5.23E-11 | 2926 | 6.50E-11 | 3028 | 7.89E-11 | 3130 | 8.46E-11 |
| 2010 | 9.99E-12 | 2112 | 2.69E-11 | 2214 | 1.85E-11 | 2316 | 2.18E-11 | 2418 | 1.59E-11 | 2520 | 1.18E-11 | 2622 | 2.71E-11 | 2724 | 4.31E-11 | 2826 | 5.35E-11 | 2928 | 6.45E-11 | 3030 | 8.17E-11 | 3132 | 8.53E-11 |
| 2012 | 1.05E-11 | 2114 | 1.41E-11 | 2216 | 2.20E-11 | 2318 | 2.11E-11 | 2420 | 2.02E-11 | 2522 | 1.04E-11 | 2624 | 2.88E-11 | 2726 | 4.25E-11 | 2828 | 5.41E-11 | 2930 | 6.47E-11 | 3032 | 8.13E-11 | 3134 | 8.36E-11 |
| 2014 | 2.06E-11 | 2116 | 2.02E-11 | 2218 | 2.70E-11 | 2320 | 2.14E-11 | 2422 | 2.39E-11 | 2524 | 1.14E-11 | 2626 | 2.93E-11 | 2728 | 4.27E-11 | 2830 | 5.47E-11 | 2932 | 6.68E-11 | 3034 | 8.13E-11 | 3136 | 8.40E-11 |
| 2016 | 1.65E-11 | 2118 | 2.15E-11 | 2220 | 2.71E-11 | 2322 | 2.73E-11 | 2424 | 2.53E-11 | 2526 | 1.38E-11 | 2628 | 2.69E-11 | 2730 | 4.39E-11 | 2832 | 5.66E-11 | 2934 | 6.95E-11 | 3036 | 8.04E-11 | 3138 | 8.53E-11 |
| 2018 | 1.04E-11 | 2120 | 1.92E-11 | 2222 | 2.66E-11 | 2324 | 2.87E-11 | 2426 | 2.68E-11 | 2528 | 1.30E-11 | 2630 | 2.33E-11 | 2732 | 4.56E-11 | 2834 | 5.71E-11 | 2936 | 6.94E-11 | 3038 | 7.79E-11 | 3140 | 8.52E-11 |
| 2020 | 1.34E-11 | 2122 | | 2224 | 2.06E-11 | 2326 | 2.37E-11 | 2428 | 2.60E-11 | 2530 | 1.22E-11 | 2632 | 2.13E-11 | 2734 | 4.61E-11 | 2836 | 5.55E-11 | 2938 | 6.70E-11 | 3040 | 7.53E-11 | 3142 | 8.32E-11 |
| 2022 | 1.52E-11 | 2124 | | 2226 | 1.71E-11 | 2328 | 2.39E-11 | 2430 | 2.56E-11 | 2532 | 1.35E-11 | 2634 | 2.35E-11 | 2736 | 4.43E-11 | 2838 | 5.44E-11 | 2940 | 6.54E-11 | 3042 | 7.34E-11 | 3144 | 8.02E-11 |
| 2024 | 7.61E-12 | 2126 | | 2228 | 2.07E-11 | 2330 | 2.30E-11 | 2432 | 2.64E-11 | 2534 | 1.53E-11 | 2636 | 3.05E-11 | 2738 | 4.07E-11 | 2840 | 5.33E-11 | 2942 | 6.56E-11 | 3044 | 7.51E-11 | 3146 | 8.11E-11 |
| 2026 | 4.07E-12 | 2128 | | 2230 | 2.71E-11 | 2332 | 2.03E-11 | 2434 | 2.74E-11 | 2536 | 1.48E-11 | 2638 | 4.05E-11 | 2740 | 3.61E-11 | 2842 | 5.23E-11 | 2944 | 6.76E-11 | 3046 | 7.79E-11 | 3148 | 8.40E-11 |
| 2028 | 1.46E-11 | 2130 | 2.47E-11 | 2232 | 2.36E-11 | 2334 | 1.98E-11 | 2436 | 2.48E-11 | 2538 | 1.46E-11 | 2640 | 4.76E-11 | 2742 | 3.15E-11 | 2844 | 5.16E-11 | 2946 | 6.83E-11 | 3048 | 7.91E-11 | 3150 | 8.37E-11 |
| 2030 | 1.70E-11 | 2132 | 1.81E-11 | 2234 | 2.40E-11 | 2336 | 1.77E-11 | 2438 | 2.55E-11 | 2540 | 1.58E-11 | 2642 | 5.21E-11 | 2744 | 2.88E-11 | 2846 | | 2948 | 6.71E-11 | 3050 | 7.92E-11 | 3152 | 8.52E-11 |
| 2032 | 5.75E-12 | 2134 | 1.60E-11 | 2236 | 2.64E-11 | 2338 | 1.66E-11 | 2440 | 2.56E-11 | 2542 | 1.74E-11 | 2644 | 5.47E-11 | 2746 | 2.79E-11 | 2848 | | 2950 | 6.61E-11 | 3052 | | 3154 | 8.45E-11 |
| 2034 | 1.91E-11 | 2136 | 1.95E-11 | 2238 | 2.87E-11 | 2340 | 1.48E-11 | 2442 | 2.49E-11 | 2544 | 1.78E-11 | 2646 | 5.62E-11 | 2748 | 2.82E-11 | 2850 | | 2952 | 6.50E-11 | 3054 | | 3156 | 8.01E-11 |
| 2036 | 2.54E-11 | 2138 | 2.37E-11 | 2240 | 3.16E-11 | 2342 | 1.19E-11 | 2444 | 2.63E-11 | 2546 | 1.68E-11 | 2648 | 5.64E-11 | 2750 | 2.79E-11 | 2852 | | 2954 | 6.86E-11 | 3056 | | 3158 | 7.52E-11 |
| 2038 | 9.50E-12 | 2140 | 1.73E-11 | 2242 | 3.06E-11 | 2344 | 1.44E-11 | 2446 | 2.63E-11 | 2548 | 1.69E-11 | 2650 | 5.35E-11 | 2752 | 2.74E-11 | 2854 | | 2956 | 7.06E-11 | 3058 | | 3160 | 7.27E-11 |
| 2040 | 3.44E-12 | 2142 | 1.82E-11 | 2244 | 2.76E-11 | 2346 | 1.38E-11 | 2448 | 2.38E-11 | 2550 | 1.70E-11 | 2652 | 5.19E-11 | 2754 | 3.03E-11 | 2856 | 3.22E-11 | 2958 | 7.22E-11 | 3060 | | 3162 | 7.42E-11 |
| 2042 | 8.06E-12 | 2144 | 2.36E-11 | 2246 | 2.92E-11 | 2348 | 1.06E-11 | 2450 | 2.26E-11 | 2552 | 1.77E-11 | 2654 | 5.39E-11 | 2756 | 3.27E-11 | 2858 | 3.86E-11 | 2960 | 7.34E-11 | 3062 | 6.92E-11 | 3164 | 7.81E-11 |
| 2044 | 1.04E-11 | 2146 | 2.39E-11 | 2248 | 2.87E-11 | 2350 | 1.40E-11 | 2452 | 2.32E-11 | 2554 | 2.07E-11 | 2656 | 5.56E-11 | 2758 | 3.26E-11 | 2860 | 4.72E-11 | 2962 | 7.24E-11 | 3064 | 7.12E-11 | 3166 | 8.29E-11 |
| 2046 | 9.95E-12 | 2148 | 2.76E-11 | 2250 | 2.42E-11 | 2352 | 1.36E-11 | 2454 | 2.11E-11 | 2556 | 2.34E-11 | 2658 | 5.76E-11 | 2760 | 3.55E-11 | 2862 | 5.43E-11 | 2964 | 7.16E-11 | 3066 | 7.43E-11 | 3168 | 8.75E-11 |
| 2048 | 1.58E-11 | 2150 | 2.57E-11 | 2252 | 2.01E-11 | 2354 | 1.71E-11 | 2456 | 1.95E-11 | 2558 | 2.65E-11 | 2660 | 5.70E-11 | 2762 | 4.04E-11 | 2864 | 5.74E-11 | 2966 | 6.97E-11 | 3068 | 7.46E-11 | 3170 | 9.19E-11 |
| 2050 | 1.08E-11 | 2152 | 2.25E-11 | 2254 | 2.27E-11 | 2356 | 1.72E-11 | 2458 | 1.89E-11 | 2560 | 2.67E-11 | 2662 | 5.50E-11 | 2764 | 4.30E-11 | 2866 | 5.81E-11 | 2968 | 6.73E-11 | 3070 | 7.59E-11 | 3172 | 9.57E-11 |
| 2052 | 1.13E-11 | 2154 | 2.38E-11 | 2256 | 2.77E-11 | 2358 | 1.75E-11 | 2460 | 2.10E-11 | 2562 | 2.69E-11 | 2664 | 5.14E-11 | 2766 | 4.34E-11 | 2868 | 5.86E-11 | 2970 | 6.63E-11 | 3072 | 8.12E-11 | 3174 | 9.65E-11 |
| 2054 | 1.55E-11 | 2156 | 1.95E-11 | 2258 | 2.70E-11 | 2360 | 2.06E-11 | 2462 | 2.00E-11 | 2564 | 2.58E-11 | 2666 | 4.72E-11 | 2768 | 4.31E-11 | 2870 | 5.57E-11 | 2972 | 6.75E-11 | 3074 | 8.32E-11 | 3176 | 9.45E-11 |
| 2056 | 1.43E-11 | 2158 | 2.09E-11 | 2260 | 2.63E-11 | 2362 | 1.98E-11 | 2464 | 1.89E-11 | 2566 | 2.55E-11 | 2668 | 4.59E-11 | 2770 | 4.39E-11 | 2872 | 5.66E-11 | 2974 | 7.03E-11 | 3076 | 8.23E-11 | 3178 | 9.04E-11 |
| 2058 | 1.23E-11 | 2160 | 2.72E-11 | 2262 | 2.34E-11 | 2364 | 1.33E-11 | 2466 | 1.85E-11 | 2568 | 2.82E-11 | 2670 | 4.72E-11 | 2772 | 4.55E-11 | 2874 | 5.86E-11 | 2976 | 7.23E-11 | 3078 | 8.12E-11 | 3180 | 8.42E-11 |
| 2060 | 1.31E-11 | 2162 | 2.10E-11 | 2264 | 1.97E-11 | 2366 | 1.70E-11 | 2468 | 1.97E-11 | 2570 | 3.21E-11 | 2672 | 4.78E-11 | 2774 | 4.69E-11 | 2876 | 5.71E-11 | 2978 | 7.28E-11 | 3080 | 8.13E-11 | 3182 | 8.15E-11 |
| 2062 | 9.16E-12 | 2164 | 1.47E-11 | 2266 | 1.91E-11 | 2368 | 1.70E-11 | 2470 | 1.85E-11 | 2572 | 3.29E-11 | 2674 | 4.82E-11 | 2776 | 4.60E-11 | 2878 | 5.47E-11 | 2980 | 7.20E-11 | 3082 | 8.27E-11 | 3184 | 8.21E-11 |
| 2064 | 9.90E-12 | 2166 | 1.71E-11 | 2268 | 2.04E-11 | 2370 | 1.46E-11 | 2472 | 1.88E-11 | 2574 | 3.29E-11 | 2676 | 4.97E-11 | 2778 | 4.48E-11 | 2880 | 5.09E-11 | 2982 | 6.85E-11 | 3084 | 8.30E-11 | 3186 | 8.36E-11 |
| 2066 | 1.23E-11 | 2168 | 1.13E-11 | 2270 | 1.82E-11 | 2372 | 1.64E-11 | 2474 | 2.00E-11 | 2576 | 3.32E-11 | 2678 | 5.22E-11 | 2780 | 4.12E-11 | 2882 | 4.76E-11 | 2984 | 6.41E-11 | 3086 | 8.18E-11 | 3188 | 8.77E-11 |
| 2068 | 1.18E-11 | 2170 | 1.24E-11 | 2272 | 1.30E-11 | 2374 | 2.03E-11 | 2476 | 2.32E-11 | 2578 | 3.15E-11 | 2680 | 5.16E-11 | 2782 | 3.69E-11 | 2884 | 4.83E-11 | 2986 | 6.22E-11 | 3088 | 8.22E-11 | 3190 | 9.02E-11 |
| 2070 | 1.47E-11 | 2172 | 2.33E-11 | 2274 | 1.79E-11 | 2376 | 2.16E-11 | 2478 | 2.52E-11 | 2580 | 3.09E-11 | 2682 | 5.03E-11 | 2784 | 3.53E-11 | 2886 | 5.36E-11 | 2988 | 6.30E-11 | 3090 | 8.00E-11 | 3192 | 8.92E-11 |
| 2072 | 1.22E-11 | 2174 | 2.12E-11 | 2276 | 2.21E-11 | 2378 | 1.83E-11 | 2480 | 2.39E-11 | 2582 | 3.11E-11 | 2684 | 5.14E-11 | 2786 | 3.43E-11 | 2888 | 5.80E-11 | 2990 | 6.82E-11 | 3092 | 7.45E-11 | 3194 | 8.94E-11 |
| 2074 | 1.77E-11 | 2176 | 1.98E-11 | 2278 | 2.14E-11 | 2380 | 1.76E-11 | 2482 | 2.16E-11 | 2584 | 3.31E-11 | 2686 | 5.28E-11 | 2788 | 3.28E-11 | 2890 | 5.76E-11 | 2992 | 7.34E-11 | 3094 | 7.26E-11 | 3196 | 9.23E-11 |
| 2076 | 2.67E-11 | 2178 | 1.77E-11 | 2280 | 1.90E-11 | 2382 | 1.50E-11 | 2484 | 1.88E-11 | 2586 | 3.19E-11 | 2688 | 5.06E-11 | 2790 | 2.87E-11 | 2892 | 5.80E-11 | 2994 | 7.48E-11 | 3096 | 7.26E-11 | 3198 | 9.55E-11 |


HD 170153 F7 V
V=3.57 (B-V)=0.49 E(B-V)=-0.01
LAP: LWP 15016
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

HD 215648 F7 V V=4.19 (B-V)=0.50 E(B-V)=0.00

LAP: LWP 11107

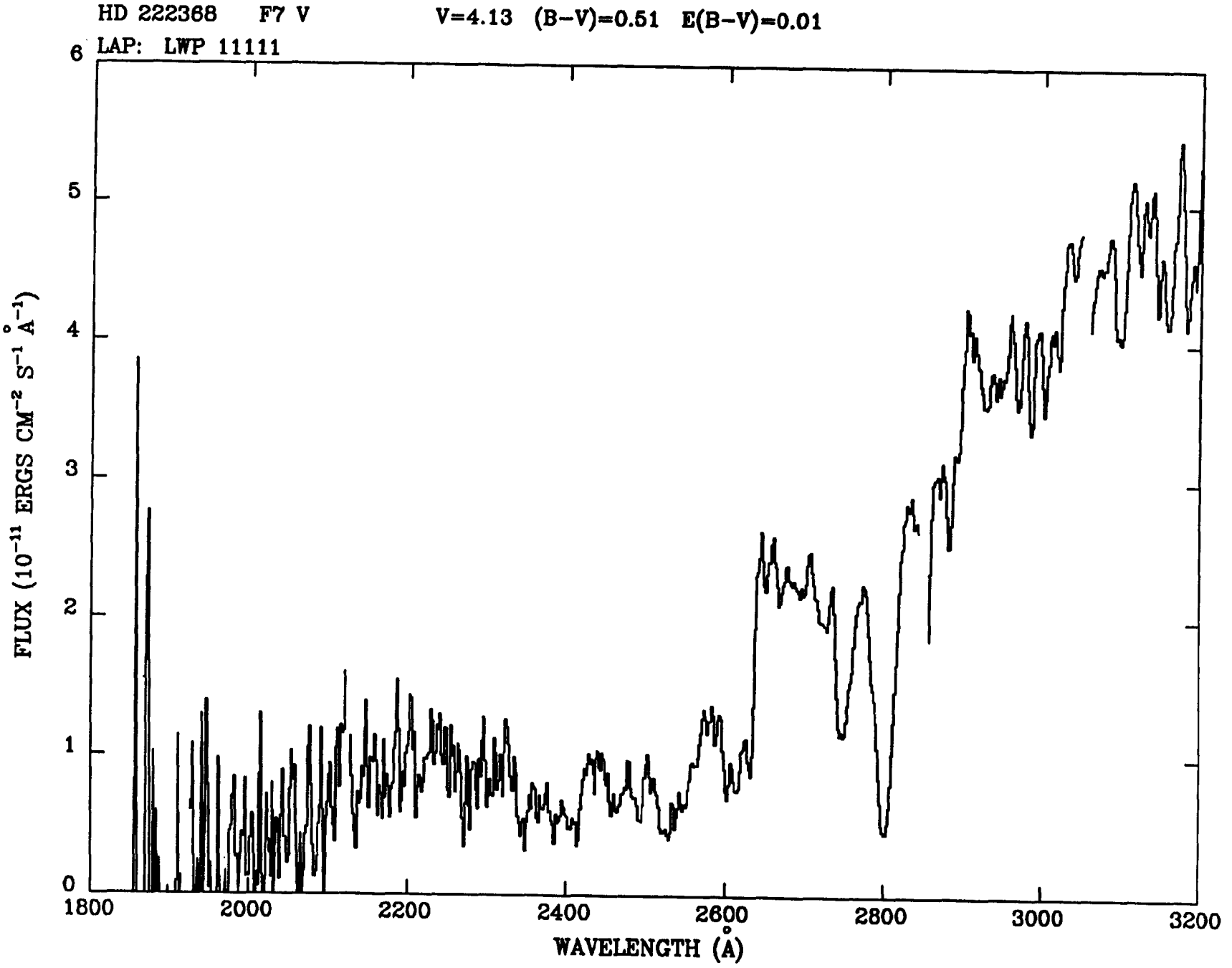
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.60E-12 | 2078 | 6.76E-12 | 2180 | 1.02E-11 | 2282 | 1.07E-11 | 2384 | 4.37E-12 | 2486 | 8.26E-12 | 2588 | 1.16E-11 | 2690 | 2.26E-11 | 2792 | 9.79E-12 | 2894 | 3.01E-11 | 2996 | 3.85E-11 | 3098 | 3.53E-11 |
| 1978 | 5.91E-12 | 2080 | 3.95E-12 | 2182 | 1.15E-11 | 2284 | 9.75E-12 | 2386 | 5.47E-12 | 2488 | 7.06E-12 | 2590 | 1.23E-11 | 2692 | 2.22E-11 | 2794 | 7.73E-12 | 2896 | 3.15E-11 | 2998 | 3.79E-11 | 3100 | 3.67E-11 |
| 1980 | 9.69E-12 | 2082 | 1.35E-13 | 2184 | 1.37E-11 | 2286 | 6.81E-12 | 2388 | 7.72E-12 | 2490 | 6.10E-12 | 2592 | 1.30E-11 | 2694 | 2.19E-11 | 2796 | 5.51E-12 | 2898 | 3.44E-11 | 3000 | 3.67E-11 | 3102 | 3.67E-11 |
| 1982 | 9.75E-12 | 2084 | -4.05E-12 | 2186 | 1.70E-11 | 2288 | 9.57E-12 | 2390 | 7.11E-12 | 2492 | 6.13E-12 | 2594 | 1.43E-11 | 2696 | 2.15E-11 | 2798 | 4.73E-12 | 2900 | 3.67E-11 | 3002 | 3.43E-11 | 3104 | 3.83E-11 |
| 1984 | 2.97E-12 | 2086 | 2.47E-12 | 2188 | 1.68E-11 | 2290 | 1.32E-11 | 2392 | 7.11E-12 | 2494 | 5.38E-12 | 2596 | 1.32E-11 | 2698 | 2.12E-11 | 2800 | 4.49E-12 | 2902 | 3.85E-11 | 3004 | 3.38E-11 | 3106 | 4.11E-11 |
| 1986 | 1.99E-13 | 2088 | 4.84E-12 | 2190 | 1.14E-11 | 2292 | 8.52E-12 | 2394 | 7.86E-12 | 2496 | 8.11E-12 | 2598 | 1.09E-11 | 2700 | 2.14E-11 | 2802 | 4.50E-12 | 2904 | 4.01E-11 | 3006 | 3.56E-11 | 3108 | 4.42E-11 |
| 1988 | 3.17E-12 | 2090 | 1.40E-11 | 2192 | 9.32E-12 | 2294 | 1.74E-11 | 2396 | 8.00E-12 | 2498 | 9.03E-12 | 2600 | 8.65E-12 | 2702 | 2.21E-11 | 2804 | 4.84E-12 | 2906 | 3.97E-11 | 3008 | 3.71E-11 | 3110 | 4.59E-11 |
| 1990 | 6.92E-12 | 2092 | 1.66E-11 | 2194 | 1.20E-11 | 2296 | 1.38E-11 | 2398 | 7.58E-12 | 2500 | 1.00E-11 | 2602 | 7.84E-12 | 2704 | 2.39E-11 | 2806 | 5.37E-12 | 2908 | 3.79E-11 | 3010 | 3.85E-11 | 3112 | 4.60E-11 |
| 1992 | 6.60E-12 | 2094 | -1.77E-12 | 2196 | 1.00E-11 | 2298 | 8.57E-12 | 2400 | 7.29E-12 | 2502 | 1.32E-11 | 2604 | 8.68E-12 | 2706 | 2.47E-11 | 2808 | 7.05E-12 | 2910 | 3.66E-11 | 3012 | 3.96E-11 | 3114 | 4.59E-11 |
| 1994 | 1.17E-11 | 2096 | -3.70E-12 | 2198 | 9.01E-12 | 2300 | 1.02E-11 | 2402 | 6.09E-12 | 2504 | 1.16E-11 | 2606 | 1.06E-11 | 2708 | 2.38E-11 | 2810 | 9.56E-12 | 2912 | 3.64E-11 | 3014 | 3.91E-11 | 3116 | 4.54E-11 |
| 1996 | 6.36E-12 | 2098 | 6.24E-12 | 2200 | 1.33E-11 | 2302 | 1.10E-11 | 2404 | 5.66E-12 | 2506 | 8.91E-12 | 2608 | 9.98E-12 | 2710 | 2.29E-11 | 2812 | 1.22E-11 | 2914 | 3.66E-11 | 3016 | 3.90E-11 | 3118 | 4.43E-11 |
| 1998 | -9.25E-13 | 2100 | 1.06E-11 | 2202 | 1.63E-11 | 2304 | 6.84E-12 | 2406 | 5.89E-12 | 2508 | 9.20E-12 | 2610 | 8.18E-12 | 2712 | 2.24E-11 | 2814 | 1.42E-11 | 2916 | 3.62E-11 | 3018 | 3.78E-11 | 3120 | 4.22E-11 |
| 2000 | 4.83E-12 | 2102 | 1.37E-11 | 2204 | 1.88E-11 | 2306 | 4.06E-12 | 2408 | 7.17E-12 | 2510 | 1.05E-11 | 2612 | 7.13E-12 | 2714 | 2.25E-11 | 2816 | 1.69E-11 | 2918 | 3.56E-11 | 3020 | 3.60E-11 | 3122 | 4.08E-11 |
| 2002 | -4.94E-13 | 2104 | 9.27E-12 | 2206 | 1.38E-11 | 2308 | 1.11E-11 | 2410 | 5.89E-12 | 2512 | 9.19E-12 | 2614 | 7.33E-12 | 2716 | 2.16E-11 | 2818 | 1.91E-11 | 2920 | 3.58E-11 | 3022 | 3.57E-11 | 3124 | 4.07E-11 |
| 2004 | 7.06E-12 | 2106 | 5.54E-12 | 2208 | 1.44E-11 | 2310 | 1.20E-11 | 2412 | 5.33E-12 | 2514 | 8.50E-12 | 2616 | 7.47E-12 | 2718 | 2.02E-11 | 2820 | 2.12E-11 | 2922 | 3.54E-11 | 3024 | 3.81E-11 | 3126 | 4.16E-11 |
| 2006 | -7.75E-12 | 2108 | 1.04E-13 | 2210 | 9.13E-12 | 2312 | 6.79E-12 | 2414 | 5.01E-12 | 2516 | 8.19E-12 | 2618 | 8.60E-12 | 2720 | 2.09E-11 | 2822 | 2.42E-11 | 2924 | 3.47E-11 | 3026 | 4.10E-11 | 3128 | 4.19E-11 |
| 2008 | -7.03E-12 | 2110 | 6.86E-12 | 2212 | 5.65E-12 | 2314 | 6.86E-12 | 2416 | 6.11E-12 | 2518 | 6.42E-12 | 2620 | 1.02E-11 | 2722 | 2.12E-11 | 2824 | 2.69E-11 | 2926 | 3.37E-11 | 3028 | 4.32E-11 | 3130 | 4.24E-11 |
| 2010 | 6.70E-13 | 2112 | 1.05E-11 | 2214 | 9.01E-12 | 2316 | 9.72E-12 | 2418 | 7.49E-12 | 2520 | 5.71E-12 | 2622 | 1.08E-11 | 2724 | 1.95E-11 | 2826 | 2.80E-11 | 2928 | 3.30E-11 | 3030 | 4.46E-11 | 3132 | 4.32E-11 |
| 2012 | 6.11E-12 | 2114 | 7.80E-12 | 2216 | 1.12E-11 | 2318 | 6.75E-12 | 2420 | 9.32E-12 | 2522 | 4.36E-12 | 2624 | 1.22E-11 | 2726 | 1.91E-11 | 2828 | 2.79E-11 | 2930 | 3.34E-11 | 3032 | 4.39E-11 | 3134 | 4.40E-11 |
| 2014 | 1.74E-11 | 2116 | 1.18E-11 | 2218 | 1.14E-11 | 2320 | 2.94E-12 | 2422 | 1.01E-11 | 2524 | 4.84E-12 | 2626 | 1.17E-11 | 2728 | 2.04E-11 | 2830 | 2.75E-11 | 2932 | 3.52E-11 | 3034 | 4.32E-11 | 3136 | 4.49E-11 |
| 2016 | 8.45E-12 | 2118 | 9.24E-12 | 2220 | 9.52E-12 | 2322 | 7.69E-12 | 2424 | 9.53E-12 | 2526 | 5.35E-12 | 2628 | 1.06E-11 | 2730 | 2.17E-11 | 2832 | 2.77E-11 | 2934 | 3.65E-11 | 3036 | 4.23E-11 | 3138 | 4.57E-11 |
| 2018 | -3.17E-12 | 2120 | 1.46E-11 | 2222 | 1.23E-11 | 2324 | 1.38E-11 | 2426 | 1.19E-11 | 2528 | 4.85E-12 | 2630 | 9.70E-12 | 2732 | 2.23E-11 | 2834 | 2.75E-11 | 2936 | 3.73E-11 | 3038 | 4.17E-11 | 3140 | 4.62E-11 |
| 2020 | 2.84E-13 | 2122 | 1.57E-11 | 2224 | 1.23E-11 | 2326 | 1.60E-11 | 2428 | 1.25E-11 | 2530 | 4.55E-12 | 2632 | 9.07E-12 | 2734 | 2.26E-11 | 2836 | 2.69E-11 | 2938 | 3.65E-11 | 3040 | 4.24E-11 | 3142 | 4.41E-11 |
| 2022 | 9.01E-12 | 2124 | | 2226 | 1.13E-11 | 2328 | 1.18E-11 | 2430 | 1.08E-11 | 2532 | 5.98E-12 | 2634 | 9.77E-12 | 2736 | 2.23E-11 | 2838 | 2.76E-11 | 2940 | 3.47E-11 | 3042 | 4.25E-11 | 3144 | 4.08E-11 |
| 2024 | 5.21E-12 | 2126 | | 2228 | 1.25E-11 | 2330 | 9.44E-12 | 2432 | 1.11E-11 | 2534 | 5.78E-12 | 2636 | 1.29E-11 | 2738 | 1.97E-11 | 2840 | 2.87E-11 | 2942 | 3.40E-11 | 3044 | 4.26E-11 | 3146 | 3.94E-11 |
| 2026 | -5.96E-13 | 2128 | 1.02E-11 | 2230 | 1.24E-11 | 2332 | 8.42E-12 | 2434 | 9.57E-12 | 2536 | 4.53E-12 | 2638 | 1.73E-11 | 2740 | 1.62E-11 | 2842 | 2.86E-11 | 2944 | 3.40E-11 | 3046 | 4.24E-11 | 3148 | 4.08E-11 |
| 2028 | 7.01E-12 | 2130 | 4.80E-12 | 2232 | 6.41E-12 | 2334 | 8.97E-12 | 2436 | 1.04E-11 | 2538 | 5.10E-12 | 2640 | 2.10E-11 | 2742 | 1.36E-11 | 2844 | 2.68E-11 | 2946 | 3.42E-11 | 3048 | 4.24E-11 | 3150 | 4.26E-11 |
| 2030 | 9.87E-12 | 2132 | 2.58E-12 | 2234 | 6.64E-12 | 2336 | 5.71E-12 | 2438 | 1.38E-11 | 2540 | 6.14E-12 | 2642 | 2.25E-11 | 2744 | 1.29E-11 | 2846 | | 2948 | 3.48E-11 | 3050 | 4.23E-11 | 3152 | 4.34E-11 |
| 2032 | -5.14E-12 | 2134 | 7.75E-14 | 2236 | 1.06E-11 | 2338 | 3.58E-12 | 2440 | 1.11E-11 | 2542 | 6.36E-12 | 2644 | 2.55E-11 | 2746 | 1.25E-11 | 2848 | | 2950 | 3.39E-11 | 3052 | | 3154 | 4.37E-11 |
| 2034 | 1.74E-12 | 2136 | 3.04E-12 | 2238 | 1.34E-11 | 2340 | 5.31E-12 | 2442 | 9.29E-12 | 2544 | 5.27E-12 | 2646 | 2.62E-11 | 2748 | 1.19E-11 | 2850 | | 2952 | 3.33E-11 | 3054 | | 3156 | 4.27E-11 |
| 2036 | 6.36E-12 | 2138 | 4.75E-12 | 2240 | 1.61E-11 | 2342 | 4.07E-12 | 2444 | 1.14E-11 | 2546 | 5.98E-12 | 2648 | 2.48E-11 | 2750 | 1.17E-11 | 2852 | | 2954 | 3.54E-11 | 3056 | | 3158 | 3.95E-11 |
| 2038 | 3.72E-12 | 2140 | 5.88E-12 | 2242 | 1.32E-11 | 2344 | 4.29E-12 | 2446 | 1.13E-11 | 2548 | 6.69E-12 | 2650 | 2.28E-11 | 2752 | 1.18E-11 | 2854 | 1.51E-11 | 2956 | 3.76E-11 | 3058 | | 3160 | 3.81E-11 |
| 2040 | 3.43E-12 | 2142 | 7.21E-12 | 2244 | 9.87E-12 | 2346 | 3.52E-12 | 2448 | 1.03E-11 | 2550 | 6.03E-12 | 2652 | 2.21E-11 | 2754 | 1.34E-11 | 2856 | 1.63E-11 | 2958 | 3.93E-11 | 3060 | 3.89E-11 | 3162 | 3.91E-11 |
| 2042 | 1.28E-11 | 2144 | 9.53E-12 | 2246 | 1.32E-11 | 2348 | 6.95E-13 | 2450 | 9.81E-12 | 2552 | 6.74E-12 | 2654 | 2.27E-11 | 2756 | 1.49E-11 | 2858 | 2.01E-11 | 2960 | 4.01E-11 | 3062 | 3.91E-11 | 3164 | 4.18E-11 |
| 2044 | 6.45E-12 | 2146 | 1.36E-11 | 2248 | 1.50E-11 | 2350 | 4.65E-12 | 2452 | 9.46E-12 | 2554 | 7.62E-12 | 2656 | 2.43E-11 | 2758 | 1.49E-11 | 2860 | 2.44E-11 | 2962 | 3.95E-11 | 3064 | 3.97E-11 | 3166 | 4.39E-11 |
| 2046 | -1.55E-12 | 2148 | 1.51E-11 | 2250 | 1.04E-11 | 2352 | 6.18E-12 | 2454 | 7.77E-12 | 2556 | 9.14E-12 | 2658 | 2.67E-11 | 2760 | 1.55E-11 | 2862 | 2.69E-11 | 2964 | 3.89E-11 | 3066 | 4.08E-11 | 3168 | 4.43E-11 |
| 2048 | 3.20E-13 | 2150 | 7.93E-12 | 2252 | 8.87E-12 | 2354 | 6.02E-12 | 2456 | 6.96E-12 | 2558 | 1.14E-11 | 2660 | 2.63E-11 | 2762 | 1.76E-11 | 2864 | 2.88E-11 | 2966 | 3.74E-11 | 3068 | 4.17E-11 | 3170 | 4.50E-11 |
| 2050 | 2.14E-12 | 2152 | 1.03E-11 | 2254 | 1.18E-11 | 2356 | 4.07E-12 | 2458 | 6.65E-12 | 2560 | 1.06E-11 | 2662 | 2.49E-11 | 2764 | 1.83E-11 | 2866 | 2.92E-11 | 2968 | 3.48E-11 | 3070 | 4.26E-11 | 3172 | 4.66E-11 |
| 2052 | 3.88E-12 | 2154 | 1.44E-11 | 2256 | 1.20E-11 | 2358 | 6.70E-12 | 2460 | 6.83E-12 | 2562 | 1.03E-11 | 2664 | 2.33E-11 | 2766 | 1.90E-11 | 2868 | 2.82E-11 | 2970 | 3.42E-11 | 3072 | 4.25E-11 | 3174 | 4.67E-11 |
| 2054 | 1.02E-11 | 2156 | 8.30E-12 | 2258 | 9.29E-12 | 2360 | 7.50E-12 | 2462 | 6.26E-12 | 2564 | 9.69E-12 | 2666 | 2.07E-11 | 2768 | 1.96E-11 | 2870 | 2.83E-11 | 2972 | 3.52E-11 | 3074 | 4.13E-11 | 3176 | 4.55E-11 |
| 2056 | 1.41E-11 | 2158 | 1.01E-11 | 2260 | 8.48E-12 | 2362 | 5.87E-12 | 2464 | 7.88E-12 | 2566 | 9.53E-12 | 2668 | 2.12E-11 | 2770 | 1.98E-11 | 2872 | 2.87E-11 | 2974 | 3.68E-11 | 3076 | 4.12E-11 | 3178 | 4.45E-11 |
| 2058 | 1.22E-11 | 2160 | 1.24E-11 | 2262 | 8.52E-12 | 2364 | 2.76E-12 | 2466 | 7.28E-12 | 2568 | 1.03E-11 | 2670 | 2.22E-11 | 2772 | 2.07E-11 | 2874 | 2.99E-11 | 2976 | 3.87E-11 | 3078 | 4.10E-11 | 3180 | 4.33E-11 |
| 2060 | 5.68E-12 | 2162 | 9.26E-12 | 2264 | 1.13E-11 | 2366 | 4.63E-12 | 2468 | 6.99E-12 | 2570 | 1.23E-11 | 2672 | 2.31E-11 | 2774 | 2.17E-11 | 2876 | 3.04E-11 | 2978 | 3.90E-11 | 3080 | 4.20E-11 | 3182 | 4.34E-11 |
| 2062 | 2.99E-12 | 2164 | 8.51E-12 | 2266 | 1.02E-11 | 2368 | 6.54E-12 | 2470 | 6.53E-12 | 2572 | 1.44E-11 | 2674 | 2.28E-11 | 2776 | 2.19E-11 | 2878 | 2.87E-11 | 2980 | 3.87E-11 | 3082 | 4.40E-11 | 3184 | 4.20E-11 |
| 2064 | 5.55E-12 | 2166 | 7.66E-12 | 2268 | 5.95E-12 | 2370 | 6.48E-12 | 2472 | 7.50E-12 | 2574 | 1.43E-11 | 2676 | 2.21E-11 | 2778 | 2.14E-11 | 2880 | 2.68E-11 | 2982 | 3.66E-11 | 3084 | 4.61E-11 | 3186 | 4.15E-11 |
| 2066 | 9.91E-13 | 2168 | 5.26E-12 | 2270 | 4.65E-12 | 2372 | 5.94E-12 | 2474 | 7.50E-12 | 2576 | 1.26E-11 | 2678 | 2.30E-11 | 2780 | 1.99E-11 | 2882 | 2.52E-11 | 2984 | 3.43E-11 | 3086 | 4.64E-11 | 3188 | 4.32E-11 |
| 2068 | -1.43E-12 | 2170 | 7.23E-12 | 2272 | 6.72E-12 | 2374 | 7.70E-12 | 2476 | 9.58E-12 | 2578 | 1.14E-11 | 2680 | 2.39E-11 | 2782 | 1.78E-11 | 2884 | 2.46E-11 | 2986 | 3.27E-11 | 3088 | 4.51E-11 | 3190 | 4.36E-11 |
| 2070 | 6.18E-12 | 2172 | 8.13E-12 | 2274 | 1.20E-11 | 2376 | 7.89E-12 | 2478 | 1.05E-11 | 2580 | 1.17E-11 | 2682 | 2.33E-11 | 2784 | 1.59E-11 | 2886 | 2.83E-11 | 2988 | 3.31E-11 | 3090 | 4.21E-11 | 3192 | 4.33E-11 |
| 2072 | 5.27E-12 | 2174 | 1.08E-11 | 2276 | 1.01E-11 | 2378 | 6.88E-12 | 2480 | 9.13E-12 | 2582 | 1.21E-11 | 2684 | 2.25E-11 | 2786 | 1.48E-11 | 2888 | 3.14E-11 | 2990 | 3.50E-11 | 3092 | 3.83E-11 | 3194 | 4.41E-11 |
| 2074 | 1.27E-11 | 2176 | 6.87E-12 | 2278 | 7.45E-12 | 2380 | 5.55E-12 | 2482 | 8.21E-12 | 2584 | 1.36E-11 | 2686 | 2.29E-11 | 2788 | 1.37E-11 | 2890 | 3.13E-11 | 2992 | 3.76E-11 | 3094 | 3.69E-11 | 3196 | 4.66E-11 |
| 2076 | 1.49E-11 | 2178 | 1.21E-11 | 2280 | 1.00E-11 | 2382 | 4.19E-12 | 2484 | 8.03E-12 | 2586 | 1.21E-11 | 2688 | 2.32E-11 | 2790 | 1.17E-11 | 2892 | 3.05E-11 | 2994 | 3.87E-11 | 3096 | 3.56E-11 | 3198 | 4.78E-11 |


HD 215648 F7 V
V=4.19 (B-V)=0.50 E(B-V)=0.00
LAP: LWP 11107
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 222368 F7 V V=4.13 (B-V)=0.51 E(B-V)=0.01**

**LAP: LWP 11111**

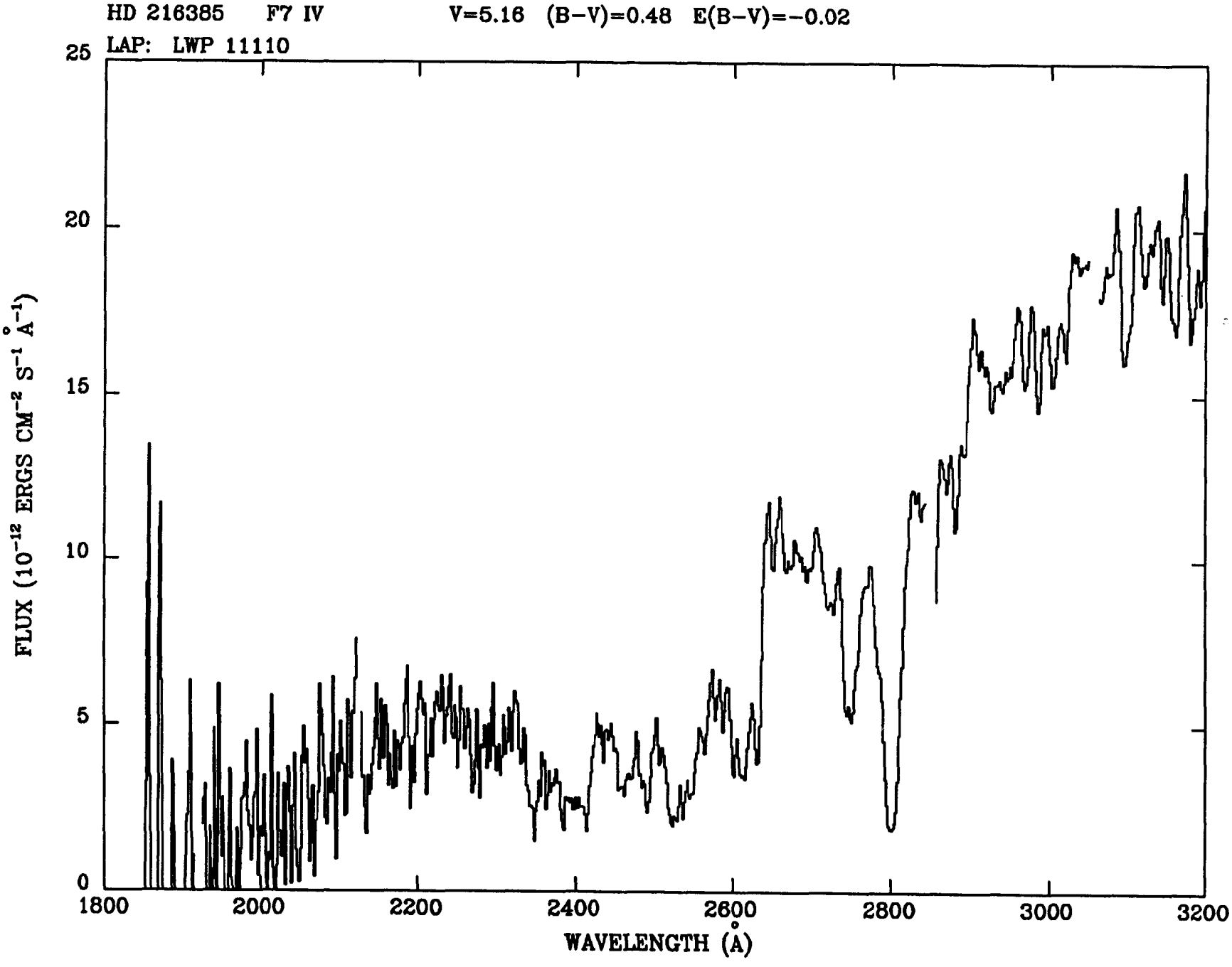
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.79E-12 | 2078 | 9.93E-12 | 2180 | 7.60E-12 | 2282 | 9.33E-12 | 2384 | 4.92E-12 | 2486 | 7.05E-12 | 2588 | 1.12E-11 | 2690 | 2.23E-11 | 2792 | 9.87E-12 | 2894 | 3.23E-11 | 2996 | 4.10E-11 | 3098 | 4.03E-11 |
| 1978 | 4.76E-12 | 2080 | 5.45E-12 | 2182 | 8.35E-12 | 2284 | 9.52E-12 | 2386 | 4.28E-12 | 2488 | 6.65E-12 | 2590 | 1.20E-11 | 2692 | 2.21E-11 | 2794 | 7.74E-12 | 2896 | 3.40E-11 | 2998 | 4.02E-11 | 3100 | 4.02E-11 |
| 1980 | 6.40E-12 | 2082 | 2.06E-12 | 2184 | 1.07E-11 | 2286 | 8.06E-12 | 2388 | 5.67E-12 | 2490 | 5.65E-12 | 2592 | 1.29E-11 | 2694 | 2.16E-11 | 2796 | 5.90E-12 | 2898 | 3.72E-11 | 3000 | 3.79E-11 | 3102 | 4.12E-11 |
| 1982 | 8.05E-12 | 2084 | 1.51E-12 | 2186 | 1.26E-11 | 2288 | 6.51E-12 | 2390 | 5.29E-12 | 2492 | 5.46E-12 | 2594 | 1.29E-11 | 2696 | 2.23E-11 | 2798 | 4.93E-12 | 2900 | 3.89E-11 | 3002 | 3.56E-11 | 3104 | 4.36E-11 |
| 1984 | 3.51E-12 | 2086 | 2.42E-12 | 2188 | 1.42E-11 | 2290 | 9.22E-12 | 2392 | 5.53E-12 | 2494 | 5.48E-12 | 2596 | 1.15E-11 | 2698 | 2.18E-11 | 2800 | 4.66E-12 | 2902 | 4.04E-11 | 3004 | 3.59E-11 | 3106 | 4.65E-11 |
| 1986 | 2.79E-12 | 2088 | 4.59E-12 | 2190 | 9.51E-12 | 2292 | 8.55E-12 | 2394 | 6.28E-12 | 2496 | 6.77E-12 | 2598 | 9.69E-12 | 2700 | 2.21E-11 | 2802 | 4.59E-12 | 2904 | 4.25E-11 | 3006 | 3.77E-11 | 3108 | 4.91E-11 |
| 1988 | 2.78E-13 | 2090 | 6.14E-12 | 2192 | 6.29E-12 | 2294 | 1.12E-11 | 2396 | 6.57E-12 | 2498 | 8.50E-12 | 2600 | 8.12E-12 | 2702 | 2.30E-11 | 2804 | 5.18E-12 | 2906 | 4.18E-11 | 3008 | 3.86E-11 | 3110 | 5.09E-11 |
| 1990 | 3.05E-12 | 2092 | 1.17E-11 | 2194 | 7.85E-12 | 2296 | 1.25E-11 | 2398 | 6.03E-12 | 2500 | 8.78E-12 | 2602 | 7.12E-12 | 2704 | 2.43E-11 | 2806 | 6.33E-12 | 2908 | 4.09E-11 | 3010 | 4.05E-11 | 3112 | 5.17E-11 |
| 1992 | 4.41E-12 | 2094 | 5.71E-12 | 2196 | 8.18E-12 | 2298 | 9.14E-12 | 2400 | 5.75E-12 | 2502 | 9.67E-12 | 2604 | 7.83E-12 | 2706 | 2.49E-11 | 2808 | 7.95E-12 | 2910 | 4.00E-11 | 3012 | 4.08E-11 | 3114 | 5.16E-11 |
| 1994 | 5.17E-12 | 2096 | -5.50E-13 | 2198 | 9.31E-12 | 2300 | 6.54E-12 | 2402 | 5.06E-12 | 2504 | 9.61E-12 | 2606 | 9.38E-12 | 2708 | 2.43E-11 | 2810 | 1.03E-11 | 2912 | 3.92E-11 | 3014 | 4.03E-11 | 3116 | 5.03E-11 |
| 1996 | 6.17E-12 | 2098 | 5.80E-12 | 2200 | 1.05E-11 | 2302 | 7.47E-12 | 2404 | 4.96E-12 | 2506 | 8.14E-12 | 2608 | 9.28E-12 | 2710 | 2.30E-11 | 2812 | 1.29E-11 | 2914 | 4.02E-11 | 3016 | 4.11E-11 | 3118 | 4.80E-11 |
| 1998 | 1.31E-12 | 2100 | 7.06E-12 | 2202 | 1.15E-11 | 2304 | 7.97E-12 | 2406 | 4.83E-12 | 2508 | 7.64E-12 | 2610 | 8.24E-12 | 2712 | 2.20E-11 | 2814 | 1.51E-11 | 2916 | 3.98E-11 | 3018 | 4.03E-11 | 3120 | 4.64E-11 |
| 2000 | 1.33E-12 | 2102 | 8.87E-12 | 2204 | 1.40E-11 | 2306 | 7.21E-12 | 2408 | 5.49E-12 | 2510 | 8.19E-12 | 2612 | 7.63E-12 | 2714 | 2.16E-11 | 2816 | 1.75E-11 | 2918 | 3.87E-11 | 3020 | 3.90E-11 | 3122 | 4.54E-11 |
| 2002 | 3.62E-12 | 2104 | 8.14E-12 | 2206 | 1.42E-11 | 2308 | 9.21E-12 | 2410 | 5.19E-12 | 2512 | 7.92E-12 | 2614 | 7.61E-12 | 2716 | 2.10E-11 | 2818 | 2.02E-11 | 2920 | 3.83E-11 | 3022 | 3.86E-11 | 3124 | 4.69E-11 |
| 2004 | 5.57E-12 | 2106 | 5.65E-12 | 2208 | 1.05E-11 | 2310 | 1.07E-11 | 2412 | 5.05E-12 | 2514 | 7.38E-12 | 2616 | 7.62E-12 | 2718 | 2.01E-11 | 2820 | 2.29E-11 | 2922 | 3.72E-11 | 3024 | 4.07E-11 | 3126 | 4.98E-11 |
| 2006 | 5.64E-12 | 2108 | 4.34E-12 | 2210 | 1.11E-11 | 2312 | 8.48E-12 | 2414 | 3.71E-12 | 2516 | 6.65E-12 | 2618 | 8.22E-12 | 2720 | 1.98E-11 | 2822 | 2.48E-11 | 2924 | 3.66E-11 | 3026 | 4.37E-11 | 3128 | 5.03E-11 |
| 2008 | -2.90E-12 | 2110 | 7.85E-12 | 2212 | 5.87E-12 | 2314 | 8.01E-12 | 2416 | 4.68E-12 | 2518 | 5.23E-12 | 2620 | 9.58E-12 | 2722 | 1.98E-11 | 2824 | 2.62E-11 | 2926 | 3.55E-11 | 3028 | 4.51E-11 | 3130 | 4.90E-11 |
| 2010 | 1.41E-12 | 2112 | 1.14E-11 | 2214 | 7.92E-12 | 2316 | 9.64E-12 | 2418 | 6.60E-12 | 2520 | 4.64E-12 | 2622 | 1.05E-11 | 2724 | 1.96E-11 | 2826 | 2.72E-11 | 2928 | 3.55E-11 | 3030 | 4.67E-11 | 3132 | 4.82E-11 |
| 2012 | 2.17E-12 | 2114 | 8.77E-12 | 2216 | 8.51E-12 | 2318 | 9.48E-12 | 2420 | 7.75E-12 | 2522 | 4.73E-12 | 2624 | 1.09E-11 | 2726 | 1.95E-11 | 2828 | 2.81E-11 | 2930 | 3.55E-11 | 3032 | 4.75E-11 | 3134 | 4.86E-11 |
| 2014 | 9.71E-12 | 2116 | 1.13E-11 | 2218 | 8.02E-12 | 2320 | 7.33E-12 | 2422 | 8.74E-12 | 2524 | 4.62E-12 | 2626 | 1.13E-11 | 2728 | 1.93E-11 | 2830 | 2.81E-11 | 2932 | 3.62E-11 | 3034 | 4.75E-11 | 3136 | 5.01E-11 |
| 2016 | 8.95E-12 | 2118 | 1.17E-11 | 2220 | 7.68E-12 | 2322 | 1.02E-11 | 2424 | 8.90E-12 | 2526 | 4.70E-12 | 2628 | 1.03E-11 | 2730 | 2.02E-11 | 2832 | 2.81E-11 | 2934 | 3.75E-11 | 3036 | 4.69E-11 | 3138 | 5.11E-11 |
| 2018 | -3.73E-13 | 2120 | 1.18E-11 | 2222 | 8.94E-12 | 2324 | 1.26E-11 | 2426 | 9.18E-12 | 2528 | 4.34E-12 | 2630 | 9.32E-12 | 2732 | 2.15E-11 | 2834 | 2.88E-11 | 2936 | 3.80E-11 | 3038 | 4.53E-11 | 3140 | 5.03E-11 |
| 2020 | -1.86E-12 | 2122 | 1.61E-11 | 2224 | 9.77E-12 | 2326 | 1.19E-11 | 2428 | 9.93E-12 | 2530 | 4.23E-12 | 2632 | 8.79E-12 | 2734 | 2.23E-11 | 2836 | 2.79E-11 | 2938 | 3.77E-11 | 3040 | 4.49E-11 | 3142 | 4.70E-11 |
| 2022 | 3.75E-12 | 2124 | | 2226 | 9.93E-12 | 2328 | 1.03E-11 | 2430 | 9.64E-12 | 2532 | 5.34E-12 | 2634 | 9.93E-12 | 2736 | 2.16E-11 | 2838 | 2.68E-11 | 2940 | 3.67E-11 | 3042 | 4.54E-11 | 3144 | 4.33E-11 |
| 2024 | 5.24E-12 | 2126 | | 2228 | 1.02E-11 | 2330 | 8.24E-12 | 2432 | 9.74E-12 | 2534 | 6.61E-12 | 2636 | 1.34E-11 | 2738 | 1.89E-11 | 2840 | 2.68E-11 | 2942 | 3.64E-11 | 3044 | 4.68E-11 | 3146 | 4.23E-11 |
| 2026 | 3.30E-12 | 2128 | 1.06E-11 | 2230 | 1.25E-11 | 2332 | 7.55E-12 | 2434 | 8.93E-12 | 2536 | 5.72E-12 | 2638 | 1.93E-11 | 2740 | 1.57E-11 | 2842 | 2.71E-11 | 2944 | 3.73E-11 | 3046 | 4.75E-11 | 3148 | 4.45E-11 |
| 2028 | 1.67E-12 | 2130 | 7.64E-12 | 2232 | 1.26E-11 | 2334 | 8.62E-12 | 2436 | 7.42E-12 | 2538 | 5.31E-12 | 2640 | 2.32E-11 | 2742 | 1.30E-11 | 2844 | 2.65E-11 | 2946 | 3.67E-11 | 3048 | 4.79E-11 | 3150 | 4.62E-11 |
| 2030 | 6.62E-12 | 2132 | 5.29E-12 | 2234 | 9.66E-12 | 2336 | 9.38E-12 | 2438 | 9.93E-12 | 2540 | 6.09E-12 | 2642 | 2.37E-11 | 2744 | 1.18E-11 | 2846 | | 2948 | 3.69E-11 | 3050 | 4.80E-11 | 3152 | 4.57E-11 |
| 2032 | 2.72E-13 | 2134 | 3.96E-12 | 2236 | 1.02E-11 | 2338 | 7.10E-12 | 2440 | 1.02E-11 | 2542 | 7.08E-12 | 2644 | 2.50E-11 | 2746 | 1.18E-11 | 2848 | | 2950 | 3.75E-11 | 3052 | | 3154 | 4.35E-11 |
| 2034 | 3.23E-12 | 2136 | 5.32E-12 | 2238 | 1.22E-11 | 2340 | 5.39E-12 | 2442 | 9.17E-12 | 2544 | 6.90E-12 | 2646 | 2.58E-11 | 2748 | 1.16E-11 | 2850 | | 2952 | 3.75E-11 | 3054 | | 3156 | 4.18E-11 |
| 2036 | 5.37E-12 | 2138 | 6.91E-12 | 2240 | 1.21E-11 | 2342 | 4.60E-12 | 2444 | 9.34E-12 | 2546 | 6.27E-12 | 2648 | 2.37E-11 | 2750 | 1.17E-11 | 2852 | | 2954 | 3.83E-11 | 3056 | | 3158 | 4.13E-11 |
| 2038 | 3.93E-12 | 2140 | 6.73E-12 | 2242 | 1.23E-11 | 2344 | 5.05E-12 | 2446 | 1.01E-11 | 2548 | 6.54E-12 | 2650 | 2.23E-11 | 2752 | 1.27E-11 | 2854 | | 2956 | 3.97E-11 | 3058 | | 3160 | 4.16E-11 |
| 2040 | 2.01E-12 | 2142 | 8.45E-12 | 2244 | 9.80E-12 | 2346 | 5.49E-12 | 2448 | 9.24E-12 | 2550 | 6.46E-12 | 2652 | 2.27E-11 | 2754 | 1.40E-11 | 2856 | 1.86E-11 | 2958 | 4.18E-11 | 3060 | 4.11E-11 | 3162 | 4.30E-11 |
| 2042 | 6.45E-12 | 2144 | 8.62E-12 | 2246 | 1.03E-11 | 2348 | 3.57E-12 | 2450 | 8.19E-12 | 2552 | 6.70E-12 | 2654 | 2.38E-11 | 2756 | 1.52E-11 | 2858 | 2.18E-11 | 2960 | 4.20E-11 | 3062 | 4.23E-11 | 3164 | 4.54E-11 |
| 2044 | 7.46E-12 | 2146 | 1.14E-11 | 2248 | 1.20E-11 | 2350 | 5.16E-12 | 2452 | 8.46E-12 | 2554 | 7.73E-12 | 2656 | 2.42E-11 | 2758 | 1.57E-11 | 2860 | 2.65E-11 | 2962 | 4.09E-11 | 3064 | 4.32E-11 | 3166 | 4.74E-11 |
| 2046 | 4.09E-12 | 2148 | 1.38E-11 | 2250 | 9.73E-12 | 2352 | 6.13E-12 | 2454 | 7.64E-12 | 2556 | 8.50E-12 | 2658 | 2.51E-11 | 2760 | 1.68E-11 | 2862 | 2.94E-11 | 2964 | 3.96E-11 | 3066 | 4.42E-11 | 3168 | 4.87E-11 |
| 2048 | 3.28E-12 | 2150 | 9.21E-12 | 2252 | 7.22E-12 | 2354 | 7.06E-12 | 2456 | 6.18E-12 | 2558 | 9.50E-12 | 2660 | 2.59E-11 | 2762 | 1.87E-11 | 2864 | 3.02E-11 | 2966 | 3.75E-11 | 3068 | 4.52E-11 | 3170 | 5.19E-11 |
| 2050 | 2.52E-12 | 2152 | 6.60E-12 | 2254 | 1.01E-11 | 2356 | 6.60E-12 | 2458 | 6.44E-12 | 2560 | 9.53E-12 | 2662 | 2.45E-11 | 2764 | 2.00E-11 | 2866 | 3.03E-11 | 2968 | 3.58E-11 | 3070 | 4.56E-11 | 3172 | 5.45E-11 |
| 2052 | 5.40E-12 | 2154 | 9.83E-12 | 2256 | 1.07E-11 | 2358 | 8.00E-12 | 2460 | 7.21E-12 | 2562 | 9.39E-12 | 2664 | 2.39E-11 | 2766 | 2.08E-11 | 2868 | 3.04E-11 | 2970 | 3.56E-11 | 3072 | 4.56E-11 | 3174 | 5.35E-11 |
| 2054 | 9.34E-12 | 2156 | 9.71E-12 | 2258 | 1.05E-11 | 2360 | 7.76E-12 | 2462 | 6.33E-12 | 2564 | 9.42E-12 | 2666 | 2.25E-11 | 2768 | 2.13E-11 | 2870 | 2.93E-11 | 2972 | 3.66E-11 | 3074 | 4.52E-11 | 3176 | 5.08E-11 |
| 2056 | 8.82E-12 | 2158 | 1.01E-11 | 2260 | 8.07E-12 | 2362 | 6.82E-12 | 2464 | 6.06E-12 | 2566 | 9.70E-12 | 2668 | 2.10E-11 | 2770 | 2.14E-11 | 2872 | 3.05E-11 | 2974 | 3.87E-11 | 3076 | 4.53E-11 | 3178 | 4.72E-11 |
| 2058 | 8.96E-12 | 2160 | 1.08E-11 | 2262 | 8.56E-12 | 2364 | 5.44E-12 | 2466 | 6.48E-12 | 2568 | 1.05E-11 | 2670 | 2.14E-11 | 2772 | 2.21E-11 | 2874 | 3.12E-11 | 2976 | 4.06E-11 | 3078 | 4.55E-11 | 3180 | 4.35E-11 |
| 2060 | 5.64E-12 | 2162 | 7.84E-12 | 2264 | 1.07E-11 | 2366 | 6.30E-12 | 2468 | 6.67E-12 | 2570 | 1.15E-11 | 2672 | 2.21E-11 | 2774 | 2.24E-11 | 2876 | 3.05E-11 | 2978 | 4.17E-11 | 3080 | 4.59E-11 | 3182 | 4.14E-11 |
| 2062 | 3.97E-13 | 2164 | 6.73E-12 | 2266 | 1.03E-11 | 2368 | 6.62E-12 | 2470 | 7.32E-12 | 2572 | 1.25E-11 | 2674 | 2.26E-11 | 2776 | 2.20E-11 | 2878 | 2.92E-11 | 2980 | 4.08E-11 | 3082 | 4.66E-11 | 3184 | 4.23E-11 |
| 2064 | -3.42E-13 | 2166 | 7.50E-12 | 2268 | 8.26E-12 | 2370 | 6.21E-12 | 2472 | 7.49E-12 | 2574 | 1.33E-11 | 2676 | 2.32E-11 | 2778 | 2.08E-11 | 2880 | 2.67E-11 | 2982 | 3.70E-11 | 3084 | 4.74E-11 | 3186 | 4.39E-11 |
| 2066 | 3.85E-12 | 2168 | 6.08E-12 | 2270 | 5.09E-12 | 2372 | 6.46E-12 | 2474 | 7.77E-12 | 2576 | 1.29E-11 | 2678 | 2.39E-11 | 2780 | 1.90E-11 | 2882 | 2.54E-11 | 2984 | 3.45E-11 | 3086 | 4.78E-11 | 3188 | 4.52E-11 |
| 2068 | -1.83E-13 | 2170 | 9.41E-12 | 2272 | 4.27E-12 | 2374 | 7.14E-12 | 2476 | 8.38E-12 | 2578 | 1.19E-11 | 2680 | 2.35E-11 | 2782 | 1.71E-11 | 2884 | 2.64E-11 | 2986 | 3.37E-11 | 3088 | 4.74E-11 | 3190 | 4.57E-11 |
| 2070 | 2.36E-12 | 2172 | 7.97E-12 | 2274 | 7.77E-12 | 2376 | 7.95E-12 | 2478 | 9.69E-12 | 2580 | 1.26E-11 | 2682 | 2.28E-11 | 2784 | 1.54E-11 | 2886 | 2.90E-11 | 2988 | 3.51E-11 | 3090 | 4.56E-11 | 3192 | 4.48E-11 |
| 2072 | 4.47E-12 | 2174 | 8.25E-12 | 2276 | 8.51E-12 | 2378 | 6.12E-12 | 2480 | 8.69E-12 | 2582 | 1.28E-11 | 2684 | 2.26E-11 | 2786 | 1.48E-11 | 2888 | 3.16E-11 | 2990 | 3.86E-11 | 3092 | 4.20E-11 | 3194 | 4.50E-11 |
| 2074 | 6.84E-12 | 2176 | 7.87E-12 | 2278 | 5.63E-12 | 2380 | 6.04E-12 | 2482 | 7.42E-12 | 2584 | 1.36E-11 | 2686 | 2.27E-11 | 2788 | 1.38E-11 | 2890 | 3.18E-11 | 2992 | 4.04E-11 | 3094 | 4.07E-11 | 3196 | 4.80E-11 |
| 2076 | 1.12E-11 | 2178 | 5.64E-12 | 2280 | 7.07E-12 | 2382 | 5.39E-12 | 2484 | 7.08E-12 | 2586 | 1.25E-11 | 2688 | 2.26E-11 | 2790 | 1.20E-11 | 2892 | 3.17E-11 | 2994 | 4.08E-11 | 3096 | 4.07E-11 | 3198 | 5.15E-11 |


HD 222368 F7 V
V=4.13 (B-V)=0.51 E(B-V)=0.01
LAP: LWP 11111
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
6
1800
2000
2200
2400
2600
2800
3000
3200

HD 216385 F7 IV V=5.16 (B-V)=0.48 E(B-V)=-0.02

LAP: LWP 11110

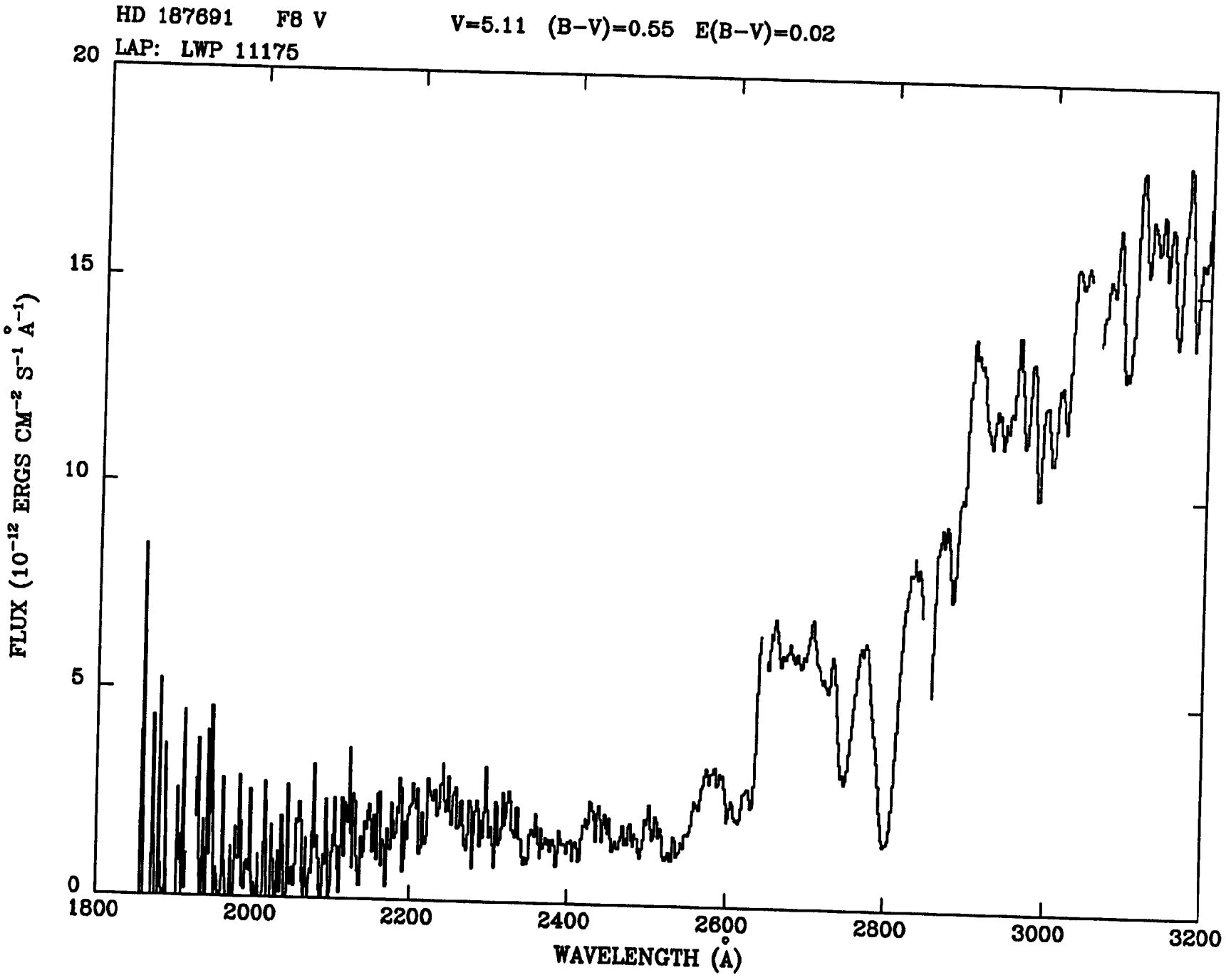
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.14E-12 | 2078 | 5.07E-12 | 2180 | 4.44E-12 | 2282 | 4.35E-12 | 2384 | 2.09E-12 | 2486 | 3.27E-12 | 2588 | 5.02E-12 | 2690 | 9.82E-12 | 2792 | 4.10E-12 | 2894 | 1.33E-11 | 2996 | 1.71E-11 | 3098 | 1.63E-11 |
| 1978 | 2.79E-12 | 2080 | 4.17E-12 | 2182 | 4.75E-12 | 2284 | 4.75E-12 | 2386 | 2.11E-12 | 2488 | 3.26E-12 | 2590 | 5.65E-12 | 2692 | 9.48E-12 | 2794 | 3.06E-12 | 2896 | 1.43E-11 | 2998 | 1.69E-11 | 3100 | 1.68E-11 |
| 1980 | 3.09E-12 | 2082 | 2.73E-12 | 2184 | 5.76E-12 | 2286 | 4.67E-12 | 2388 | 2.81E-12 | 2490 | 2.69E-12 | 2592 | 6.08E-12 | 2694 | 9.40E-12 | 2796 | 2.28E-12 | 2898 | 1.55E-11 | 3000 | 1.62E-11 | 3102 | 1.71E-11 |
| 1982 | 4.17E-12 | 2084 | 2.05E-12 | 2186 | 6.46E-12 | 2288 | 3.88E-12 | 2390 | 2.76E-12 | 2492 | 2.41E-12 | 2594 | 6.16E-12 | 2696 | 9.78E-12 | 2798 | 1.94E-12 | 2900 | 1.61E-11 | 3002 | 1.55E-11 | 3104 | 1.75E-11 |
| 1984 | 2.70E-12 | 2086 | 3.02E-12 | 2188 | 6.00E-12 | 2290 | 4.83E-12 | 2392 | 2.75E-12 | 2494 | 2.72E-12 | 2596 | 5.62E-12 | 2698 | 9.72E-12 | 2800 | 1.90E-12 | 2902 | 1.67E-11 | 3004 | 1.53E-11 | 3106 | 1.87E-11 |
| 1986 | 1.98E-12 | 2088 | 3.03E-12 | 2190 | 3.75E-12 | 2292 | 3.98E-12 | 2394 | 2.73E-12 | 2496 | 3.54E-12 | 2598 | 4.71E-12 | 2700 | 9.91E-12 | 2802 | 1.93E-12 | 2904 | 1.73E-11 | 3006 | 1.56E-11 | 3108 | 2.00E-11 |
| 1988 | 1.00E-12 | 2090 | 3.95E-12 | 2192 | 3.14E-12 | 2294 | 5.54E-12 | 2396 | 2.62E-12 | 2498 | 4.22E-12 | 2600 | 3.84E-12 | 2702 | 1.05E-11 | 2804 | 2.05E-12 | 2906 | 1.70E-11 | 3008 | 1.62E-11 | 3110 | 2.06E-11 |
| 1990 | 1.72E-12 | 2092 | 6.31E-12 | 2194 | 4.17E-12 | 2296 | 6.06E-12 | 2398 | 2.47E-12 | 2500 | 4.41E-12 | 2602 | 3.50E-12 | 2704 | 1.09E-11 | 2806 | 2.38E-12 | 2908 | 1.67E-11 | 3010 | 1.69E-11 | 3112 | 2.07E-11 |
| 1992 | 2.82E-12 | 2094 | 2.79E-12 | 2196 | 3.70E-12 | 2298 | 4.26E-12 | 2400 | 2.72E-12 | 2502 | 4.86E-12 | 2604 | 4.01E-12 | 2706 | 1.10E-11 | 2808 | 3.26E-12 | 2910 | 1.61E-11 | 3012 | 1.72E-11 | 3114 | 2.04E-11 |
| 1994 | 3.40E-12 | 2096 | 1.42E-12 | 2198 | 4.21E-12 | 2300 | 3.67E-12 | 2402 | 2.58E-12 | 2504 | 4.95E-12 | 2606 | 4.56E-12 | 2708 | 1.07E-11 | 2810 | 4.73E-12 | 2912 | 1.61E-11 | 3014 | 1.72E-11 | 3116 | 1.97E-11 |
| 1996 | 3.52E-12 | 2098 | 3.99E-12 | 2200 | 5.27E-12 | 2302 | 3.94E-12 | 2404 | 2.77E-12 | 2506 | 4.19E-12 | 2608 | 4.09E-12 | 2710 | 1.04E-11 | 2812 | 5.96E-12 | 2914 | 1.64E-11 | 3016 | 1.71E-11 | 3118 | 1.89E-11 |
| 1998 | 9.04E-13 | 2100 | 3.96E-12 | 2202 | 5.83E-12 | 2304 | 4.10E-12 | 2406 | 2.58E-12 | 2508 | 3.87E-12 | 2610 | 3.54E-12 | 2712 | 9.94E-12 | 2814 | 6.99E-12 | 2916 | 1.61E-11 | 3018 | 1.68E-11 | 3120 | 1.84E-11 |
| 2000 | 1.84E-12 | 2102 | 4.80E-12 | 2204 | 6.23E-12 | 2306 | 3.74E-12 | 2408 | 2.57E-12 | 2510 | 4.15E-12 | 2612 | 3.48E-12 | 2714 | 9.47E-12 | 2816 | 8.31E-12 | 2918 | 1.57E-11 | 3020 | 1.63E-11 | 3122 | 1.84E-11 |
| 2002 | 1.66E-12 | 2104 | 4.08E-12 | 2206 | 5.79E-12 | 2308 | 4.67E-12 | 2410 | 2.52E-12 | 2512 | 4.21E-12 | 2614 | 3.50E-12 | 2716 | 9.09E-12 | 2818 | 9.43E-12 | 2920 | 1.59E-11 | 3022 | 1.65E-11 | 3124 | 1.87E-11 |
| 2004 | 3.28E-12 | 2106 | 3.11E-12 | 2208 | 5.31E-12 | 2310 | 5.10E-12 | 2412 | 2.23E-12 | 2514 | 3.89E-12 | 2616 | 3.50E-12 | 2718 | 8.70E-12 | 2820 | 1.01E-11 | 2922 | 1.58E-11 | 3024 | 1.76E-11 | 3126 | 1.94E-11 |
| 2006 | 2.11E-12 | 2108 | 2.28E-12 | 2210 | 5.36E-12 | 2312 | 4.41E-12 | 2414 | 1.95E-12 | 2516 | 3.40E-12 | 2618 | 3.97E-12 | 2720 | 8.56E-12 | 2822 | 1.08E-11 | 2924 | 1.55E-11 | 3026 | 1.86E-11 | 3128 | 1.96E-11 |
| 2008 | -7.90E-13 | 2110 | 4.36E-12 | 2212 | 3.10E-12 | 2314 | 4.38E-12 | 2416 | 2.58E-12 | 2518 | 2.68E-12 | 2620 | 4.53E-12 | 2722 | 8.64E-12 | 2824 | 1.17E-11 | 2926 | 1.46E-11 | 3028 | 1.92E-11 | 3130 | 1.94E-11 |
| 2010 | 1.09E-12 | 2112 | 5.44E-12 | 2214 | 4.08E-12 | 2316 | 5.25E-12 | 2418 | 3.32E-12 | 2520 | 2.35E-12 | 2622 | 5.02E-12 | 2724 | 8.76E-12 | 2826 | 1.21E-11 | 2928 | 1.46E-11 | 3030 | 1.93E-11 | 3132 | 1.94E-11 |
| 2012 | 1.79E-12 | 2114 | 3.87E-12 | 2216 | 4.40E-12 | 2318 | 5.09E-12 | 2420 | 3.80E-12 | 2522 | 2.08E-12 | 2624 | 5.49E-12 | 2726 | 8.66E-12 | 2828 | 1.22E-11 | 2930 | 1.50E-11 | 3032 | 1.91E-11 | 3134 | 1.98E-11 |
| 2014 | 5.47E-12 | 2116 | 5.00E-12 | 2218 | 4.79E-12 | 2320 | 4.31E-12 | 2422 | 4.21E-12 | 2524 | 2.00E-12 | 2626 | 5.40E-12 | 2728 | 8.46E-12 | 2830 | 1.19E-11 | 2932 | 1.54E-11 | 3034 | 1.92E-11 | 3136 | 2.01E-11 |
| 2016 | 4.05E-12 | 2118 | 5.35E-12 | 2220 | 4.54E-12 | 2322 | 5.37E-12 | 2424 | 4.56E-12 | 2526 | 2.26E-12 | 2628 | 4.64E-12 | 2730 | 8.97E-12 | 2832 | 1.20E-11 | 2934 | 1.54E-11 | 3036 | 1.90E-11 | 3138 | 2.03E-11 |
| 2018 | 7.07E-14 | 2120 | 6.33E-12 | 2222 | 5.41E-12 | 2324 | 5.98E-12 | 2426 | 5.10E-12 | 2528 | 2.20E-12 | 2630 | 3.99E-12 | 2732 | 9.44E-12 | 2834 | 1.21E-11 | 2936 | 1.54E-11 | 3038 | 1.88E-11 | 3140 | 2.01E-11 |
| 2020 | -1.18E-13 | 2122 | 7.59E-12 | 2224 | 5.84E-12 | 2326 | 5.70E-12 | 2428 | 5.15E-12 | 2530 | 2.25E-12 | 2632 | 3.91E-12 | 2734 | 9.74E-12 | 2836 | 1.15E-11 | 2938 | 1.54E-11 | 3040 | 1.88E-11 | 3142 | 1.90E-11 |
| 2022 | 2.27E-12 | 2124 | | 2226 | 5.71E-12 | 2328 | 5.30E-12 | 2430 | 4.75E-12 | 2532 | 2.79E-12 | 2634 | 4.84E-12 | 2736 | 9.38E-12 | 2838 | 1.13E-11 | 2940 | 1.52E-11 | 3042 | 1.90E-11 | 3144 | 1.81E-11 |
| 2024 | 2.48E-12 | 2126 | | 2228 | 5.46E-12 | 2330 | 4.15E-12 | 2432 | 4.92E-12 | 2534 | 3.00E-12 | 2636 | 6.81E-12 | 2738 | 8.15E-12 | 2840 | 1.17E-11 | 2942 | 1.53E-11 | 3044 | 1.90E-11 | 3146 | 1.85E-11 |
| 2026 | 1.29E-12 | 2128 | 4.87E-12 | 2230 | 6.21E-12 | 2332 | 3.86E-12 | 2434 | 4.51E-12 | 2536 | 2.47E-12 | 2638 | 9.18E-12 | 2740 | 6.86E-12 | 2842 | 1.17E-11 | 2944 | 1.57E-11 | 3046 | 1.90E-11 | 3148 | 1.96E-11 |
| 2028 | 1.02E-12 | 2130 | 3.43E-12 | 2232 | 6.16E-12 | 2334 | 4.35E-12 | 2436 | 3.92E-12 | 2538 | 2.48E-12 | 2640 | 1.05E-11 | 2742 | 5.80E-12 | 2844 | 1.18E-11 | 2946 | 1.56E-11 | 3048 | 1.90E-11 | 3150 | 1.99E-11 |
| 2030 | 2.77E-12 | 2132 | 3.12E-12 | 2234 | 4.62E-12 | 2336 | 4.80E-12 | 2438 | 4.84E-12 | 2540 | 2.91E-12 | 2642 | 1.08E-11 | 2744 | 5.38E-12 | 2846 | | 2948 | 1.56E-11 | 3050 | 1.91E-11 | 3152 | 1.95E-11 |
| 2032 | 6.27E-13 | 2134 | 2.17E-12 | 2236 | 5.24E-12 | 2338 | 3.87E-12 | 2440 | 4.84E-12 | 2542 | 3.25E-12 | 2644 | 1.15E-11 | 2746 | 5.55E-12 | 2848 | | 2950 | 1.59E-11 | 3052 | | 3154 | 1.83E-11 |
| 2034 | 2.60E-12 | 2136 | 2.60E-12 | 2238 | 5.56E-12 | 2340 | 3.09E-12 | 2442 | 4.62E-12 | 2544 | 3.00E-12 | 2646 | 1.15E-11 | 2748 | 5.29E-12 | 2850 | | 2952 | 1.57E-11 | 3054 | | 3156 | 1.74E-11 |
| 2036 | 3.64E-12 | 2138 | 3.16E-12 | 2240 | 6.20E-12 | 2342 | 2.72E-12 | 2444 | 4.85E-12 | 2546 | 2.83E-12 | 2648 | 1.04E-11 | 2750 | 5.15E-12 | 2852 | | 2954 | 1.61E-11 | 3056 | | 3158 | 1.73E-11 |
| 2038 | 2.03E-12 | 2140 | 3.00E-12 | 2242 | 6.06E-12 | 2344 | 2.56E-12 | 2446 | 4.93E-12 | 2548 | 2.93E-12 | 2650 | 9.75E-12 | 2752 | 5.45E-12 | 2854 | | 2956 | 1.69E-11 | 3058 | | 3160 | 1.70E-11 |
| 2040 | 6.81E-13 | 2142 | 3.57E-12 | 2244 | 4.68E-12 | 2346 | 2.52E-12 | 2448 | 4.51E-12 | 2550 | 2.97E-12 | 2652 | 1.01E-11 | 2754 | 6.19E-12 | 2856 | 8.78E-12 | 2958 | 1.74E-11 | 3060 | | 3162 | 1.70E-11 |
| 2042 | 2.93E-12 | 2144 | 4.17E-12 | 2246 | 4.94E-12 | 2348 | 1.67E-12 | 2450 | 4.28E-12 | 2552 | 3.59E-12 | 2654 | 1.08E-11 | 2756 | 6.75E-12 | 2858 | 9.88E-12 | 2960 | 1.77E-11 | 3062 | 1.80E-11 | 3164 | 1.77E-11 |
| 2044 | 3.24E-12 | 2146 | 5.06E-12 | 2248 | 5.41E-12 | 2350 | 2.36E-12 | 2452 | 4.26E-12 | 2554 | 4.02E-12 | 2656 | 1.12E-11 | 2758 | 6.95E-12 | 2860 | 1.19E-11 | 2962 | 1.75E-11 | 3064 | 1.79E-11 | 3166 | 1.92E-11 |
| 2046 | 1.04E-12 | 2148 | 6.12E-12 | 2250 | 4.47E-12 | 2352 | 2.72E-12 | 2454 | 3.52E-12 | 2556 | 4.31E-12 | 2658 | 1.17E-11 | 2760 | 7.63E-12 | 2862 | 1.30E-11 | 2964 | 1.69E-11 | 3066 | 1.80E-11 | 3168 | 2.02E-11 |
| 2048 | 5.08E-13 | 2150 | 4.61E-12 | 2252 | 4.17E-12 | 2354 | 3.25E-12 | 2456 | 3.10E-12 | 2558 | 4.91E-12 | 2660 | 1.17E-11 | 2762 | 8.57E-12 | 2864 | 1.30E-11 | 2966 | 1.60E-11 | 3068 | 1.83E-11 | 3170 | 2.09E-11 |
| 2050 | 7.63E-13 | 2152 | 3.88E-12 | 2254 | 5.50E-12 | 2356 | 3.12E-12 | 2458 | 3.15E-12 | 2560 | 4.79E-12 | 2662 | 1.10E-11 | 2764 | 8.98E-12 | 2866 | 1.28E-11 | 2968 | 1.54E-11 | 3070 | 1.87E-11 | 3172 | 2.16E-11 |
| 2052 | 2.79E-12 | 2154 | 5.61E-12 | 2256 | 5.70E-12 | 2358 | 4.08E-12 | 2460 | 3.16E-12 | 2562 | 4.63E-12 | 2664 | 1.03E-11 | 2766 | 9.15E-12 | 2868 | 1.25E-11 | 2970 | 1.54E-11 | 3072 | 1.89E-11 | 3174 | 2.08E-11 |
| 2054 | 4.62E-12 | 2156 | 4.61E-12 | 2258 | 5.47E-12 | 2360 | 3.84E-12 | 2462 | 2.93E-12 | 2564 | 4.37E-12 | 2666 | 9.76E-12 | 2768 | 9.24E-12 | 2870 | 1.21E-11 | 2972 | 1.58E-11 | 3074 | 1.87E-11 | 3176 | 1.94E-11 |
| 2056 | 4.17E-12 | 2158 | 4.46E-12 | 2260 | 4.53E-12 | 2362 | 3.36E-12 | 2464 | 3.34E-12 | 2566 | 4.47E-12 | 2668 | 9.70E-12 | 2770 | 9.25E-12 | 2872 | 1.25E-11 | 2974 | 1.67E-11 | 3076 | 1.88E-11 | 3178 | 1.79E-11 |
| 2058 | 4.14E-12 | 2160 | 5.37E-12 | 2262 | 4.82E-12 | 2364 | 2.66E-12 | 2466 | 3.53E-12 | 2568 | 5.06E-12 | 2670 | 9.98E-12 | 2772 | 9.64E-12 | 2874 | 1.31E-11 | 2976 | 1.76E-11 | 3078 | 1.87E-11 | 3180 | 1.68E-11 |
| 2060 | 2.98E-12 | 2162 | 4.17E-12 | 2264 | 5.45E-12 | 2366 | 3.29E-12 | 2468 | 3.53E-12 | 2570 | 5.61E-12 | 2672 | 9.79E-12 | 2774 | 9.85E-12 | 2876 | 1.31E-11 | 2978 | 1.77E-11 | 3080 | 1.91E-11 | 3182 | 1.70E-11 |
| 2062 | 1.07E-12 | 2164 | 3.64E-12 | 2266 | 5.09E-12 | 2368 | 3.26E-12 | 2470 | 3.40E-12 | 2572 | 6.15E-12 | 2674 | 9.81E-12 | 2776 | 9.54E-12 | 2878 | 1.24E-11 | 2980 | 1.71E-11 | 3082 | 1.97E-11 | 3184 | 1.75E-11 |
| 2064 | 1.50E-12 | 2166 | 3.70E-12 | 2268 | 3.93E-12 | 2370 | 3.16E-12 | 2472 | 3.50E-12 | 2574 | 6.60E-12 | 2676 | 1.01E-11 | 2778 | 8.80E-12 | 2880 | 1.13E-11 | 2982 | 1.59E-11 | 3084 | 2.04E-11 | 3186 | 1.79E-11 |
| 2066 | 2.87E-12 | 2168 | 3.18E-12 | 2270 | 3.02E-12 | 2372 | 3.20E-12 | 2474 | 3.84E-12 | 2576 | 5.98E-12 | 2678 | 1.06E-11 | 2780 | 8.07E-12 | 2882 | 1.10E-11 | 2984 | 1.50E-11 | 3086 | 2.03E-11 | 3188 | 1.86E-11 |
| 2068 | 6.47E-13 | 2170 | 4.28E-12 | 2272 | 3.39E-12 | 2374 | 3.37E-12 | 2476 | 4.28E-12 | 2578 | 5.26E-12 | 2680 | 1.04E-11 | 2782 | 7.38E-12 | 2884 | 1.16E-11 | 2986 | 1.46E-11 | 3088 | 1.96E-11 | 3190 | 1.87E-11 |
| 2070 | 1.88E-12 | 2172 | 3.55E-12 | 2274 | 4.47E-12 | 2376 | 3.64E-12 | 2478 | 4.68E-12 | 2580 | 5.53E-12 | 2682 | 1.02E-11 | 2784 | 6.79E-12 | 2886 | 1.29E-11 | 2988 | 1.52E-11 | 3090 | 1.87E-11 | 3192 | 1.82E-11 |
| 2072 | 2.37E-12 | 2174 | 4.24E-12 | 2276 | 4.76E-12 | 2378 | 3.29E-12 | 2480 | 4.01E-12 | 2582 | 5.97E-12 | 2684 | 1.01E-11 | 2786 | 6.60E-12 | 2888 | 1.35E-11 | 2990 | 1.66E-11 | 3092 | 1.67E-11 | 3194 | 1.81E-11 |
| 2074 | 4.10E-12 | 2176 | 4.40E-12 | 2278 | 3.30E-12 | 2380 | 3.25E-12 | 2482 | 3.51E-12 | 2584 | 6.30E-12 | 2686 | 1.01E-11 | 2788 | 6.30E-12 | 2890 | 1.33E-11 | 2992 | 1.71E-11 | 3094 | 1.60E-11 | 3196 | 1.92E-11 |
| 2076 | 5.88E-12 | 2178 | 3.68E-12 | 2280 | 3.68E-12 | 2382 | 2.42E-12 | 2484 | 3.27E-12 | 2586 | 5.52E-12 | 2688 | 9.81E-12 | 2790 | 5.36E-12 | 2892 | 1.32E-11 | 2994 | 1.69E-11 | 3096 | 1.60E-11 | 3198 | 2.03E-11 |


HD 216385 F7 IV V=5.16 (B−V)=0.48 E(B−V)=−0.02
LAP: LWP 11110
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

HD 187691 F8 V V=5.11 (B-V)=0.55 E(B-V)=0.02

LAP: LWP 11175

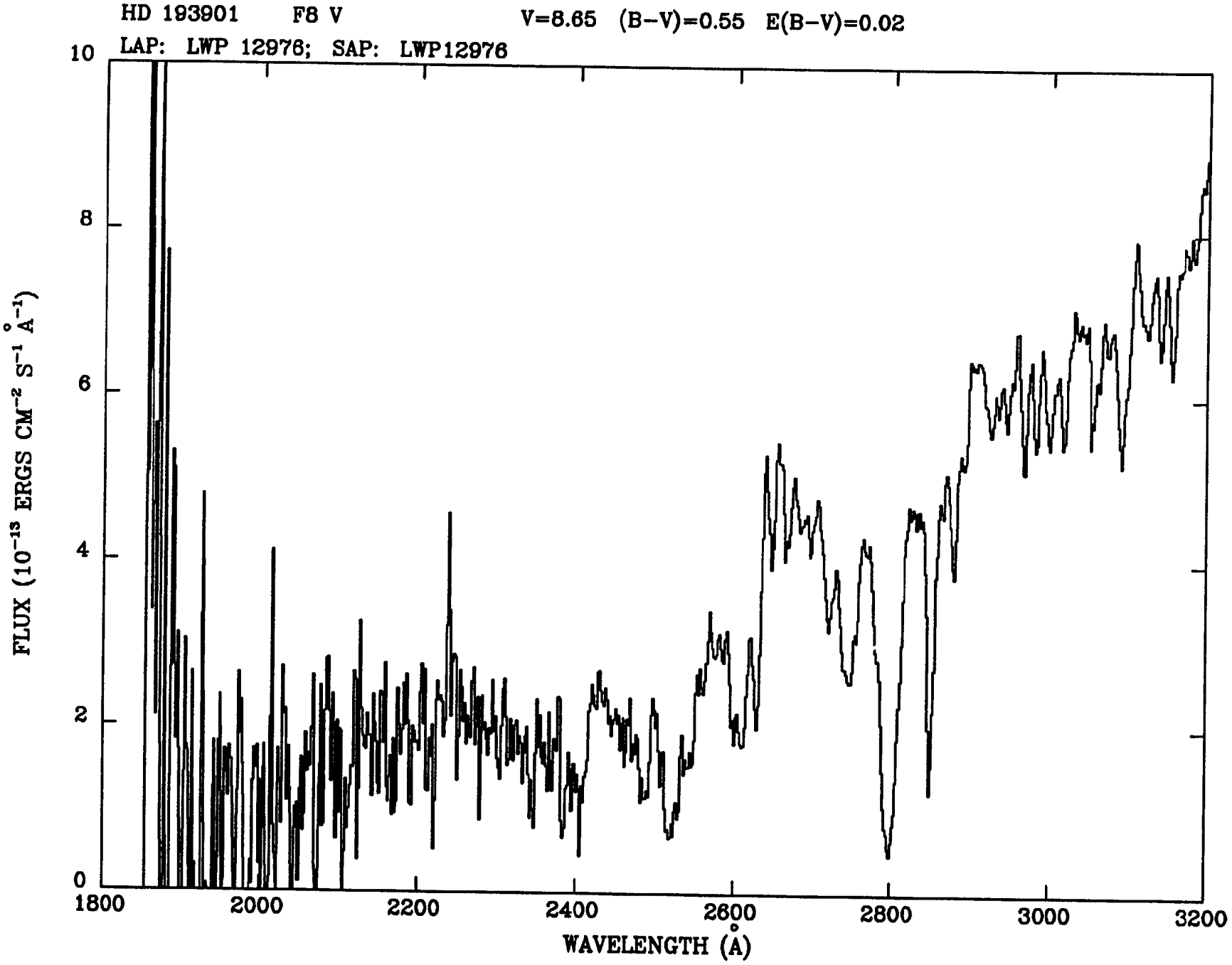
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 8.96E-13 | 2078 | 2.23E-12 | 2180 | 1.51E-12 | 2282 | 1.96E-12 | 2384 | 1.32E-12 | 2486 | 1.65E-12 | 2588 | 2.95E-12 | 2690 | 5.98E-12 | 2792 | 2.78E-12 | 2894 | 9.87E-12 | 2996 | 1.22E-11 | 3098 | 1.30E-11 |
| 1978 | 1.21E-12 | 2080 | 1.38E-12 | 2182 | 1.72E-12 | 2284 | 2.36E-12 | 2386 | 9.84E-13 | 2488 | 1.62E-12 | 2590 | 3.06E-12 | 2692 | 5.83E-12 | 2794 | 2.27E-12 | 2896 | 1.04E-11 | 2998 | 1.20E-11 | 3100 | 1.32E-11 |
| 1980 | 9.29E-13 | 2082 | 1.15E-12 | 2184 | 2.22E-12 | 2286 | 2.30E-12 | 2388 | 1.40E-12 | 2490 | 1.34E-12 | 2592 | 3.18E-12 | 2694 | 5.84E-12 | 2796 | 1.90E-12 | 2898 | 1.17E-11 | 3000 | 1.14E-11 | 3102 | 1.37E-11 |
| 1982 | 2.43E-12 | 2084 | 4.09E-13 | 2186 | 2.31E-12 | 2288 | 1.53E-12 | 2390 | 1.70E-12 | 2492 | 1.17E-12 | 2594 | 3.15E-12 | 2696 | 6.08E-12 | 2798 | 1.62E-12 | 2900 | 1.25E-11 | 3002 | 1.10E-11 | 3104 | 1.44E-11 |
| 1984 | 1.99E-12 | 2086 | -2.54E-13 | 2188 | 2.85E-12 | 2290 | 1.87E-12 | 2392 | 1.51E-12 | 2494 | 1.38E-12 | 2596 | 3.01E-12 | 2698 | 6.03E-12 | 2800 | 1.60E-12 | 2902 | 1.31E-11 | 3004 | 1.09E-11 | 3106 | 1.55E-11 |
| 1986 | 3.99E-13 | 2088 | 7.66E-13 | 2190 | 1.89E-12 | 2292 | 1.57E-12 | 2394 | 1.45E-12 | 2496 | 1.65E-12 | 2598 | 2.67E-12 | 2700 | 6.22E-12 | 2802 | 1.62E-12 | 2904 | 1.38E-11 | 3006 | 1.11E-11 | 3108 | 1.69E-11 |
| 1988 | 2.18E-13 | 2090 | 8.57E-13 | 2192 | 8.25E-13 | 2294 | 2.23E-12 | 2396 | 1.44E-12 | 2498 | 2.07E-12 | 2600 | 2.23E-12 | 2702 | 6.43E-12 | 2804 | 1.69E-12 | 2906 | 1.37E-11 | 3008 | 1.16E-11 | 3110 | 1.77E-11 |
| 1990 | 8.19E-13 | 2092 | 2.32E-12 | 2194 | 1.49E-12 | 2296 | 3.15E-12 | 2398 | 1.30E-12 | 2500 | 2.01E-12 | 2602 | 2.15E-12 | 2704 | 6.66E-12 | 2806 | 1.92E-12 | 2908 | 1.34E-11 | 3010 | 1.23E-11 | 3112 | 1.79E-11 |
| 1992 | 8.45E-13 | 2094 | 1.47E-12 | 2196 | 1.65E-12 | 2298 | 2.12E-12 | 2400 | 1.42E-12 | 2502 | 2.21E-12 | 2604 | 2.36E-12 | 2706 | 6.91E-12 | 2808 | 2.40E-12 | 2910 | 1.33E-11 | 3012 | 1.27E-11 | 3114 | 1.76E-11 |
| 1994 | 1.14E-12 | 2096 | -7.60E-13 | 2198 | 1.86E-12 | 2300 | 1.59E-12 | 2402 | 1.49E-12 | 2504 | 2.24E-12 | 2606 | 2.54E-12 | 2708 | 6.75E-12 | 2810 | 3.05E-12 | 2912 | 1.32E-11 | 3014 | 1.26E-11 | 3116 | 1.70E-11 |
| 1996 | 2.01E-12 | 2098 | 4.65E-13 | 2200 | 2.21E-12 | 2302 | 1.70E-12 | 2404 | 1.54E-12 | 2506 | 1.76E-12 | 2608 | 2.50E-12 | 2710 | 6.39E-12 | 2812 | 3.75E-12 | 2914 | 1.32E-11 | 3016 | 1.27E-11 | 3118 | 1.61E-11 |
| 1998 | 3.41E-13 | 2100 | 1.22E-12 | 2202 | 2.31E-12 | 2304 | 1.67E-12 | 2406 | 1.10E-12 | 2508 | 1.64E-12 | 2610 | 2.19E-12 | 2712 | 6.08E-12 | 2814 | 4.46E-12 | 2916 | 1.31E-11 | 3018 | 1.23E-11 | 3120 | 1.56E-11 |
| 2000 | 1.33E-13 | 2102 | 1.85E-12 | 2204 | 2.75E-12 | 2306 | 1.14E-12 | 2408 | 1.40E-12 | 2510 | 1.95E-12 | 2612 | 2.10E-12 | 2714 | 5.90E-12 | 2816 | 5.28E-12 | 2918 | 1.25E-11 | 3020 | 1.18E-11 | 3122 | 1.56E-11 |
| 2002 | 8.20E-14 | 2104 | 1.97E-12 | 2206 | 2.44E-12 | 2308 | 1.63E-12 | 2410 | 1.49E-12 | 2512 | 2.09E-12 | 2614 | 2.11E-12 | 2716 | 5.81E-12 | 2818 | 5.94E-12 | 2920 | 1.20E-11 | 3022 | 1.19E-11 | 3124 | 1.61E-11 |
| 2004 | 2.07E-13 | 2106 | 1.01E-12 | 2208 | 2.25E-12 | 2310 | 2.38E-12 | 2412 | 1.31E-12 | 2514 | 1.80E-12 | 2616 | 2.08E-12 | 2718 | 5.60E-12 | 2820 | 6.52E-12 | 2922 | 1.17E-11 | 3024 | 1.26E-11 | 3126 | 1.68E-11 |
| 2006 | 9.88E-13 | 2108 | 3.94E-13 | 2210 | 2.55E-12 | 2312 | 1.73E-12 | 2414 | 1.04E-12 | 2516 | 1.82E-12 | 2618 | 2.24E-12 | 2720 | 5.47E-12 | 2822 | 7.08E-12 | 2924 | 1.16E-11 | 3026 | 1.37E-11 | 3128 | 1.67E-11 |
| 2008 | -1.05E-12 | 2110 | 8.21E-13 | 2212 | 1.15E-12 | 2314 | 1.48E-12 | 2416 | 1.23E-12 | 2518 | 1.74E-12 | 2620 | 2.55E-12 | 2722 | 5.54E-12 | 2824 | 7.43E-12 | 2926 | 1.14E-11 | 3028 | 1.46E-11 | 3130 | 1.65E-11 |
| 2010 | -4.86E-13 | 2112 | 2.03E-12 | 2214 | 1.49E-12 | 2316 | 1.73E-12 | 2418 | 1.70E-12 | 2520 | 1.29E-12 | 2622 | 2.76E-12 | 2724 | 5.41E-12 | 2826 | 7.67E-12 | 2928 | 1.13E-11 | 3030 | 1.53E-11 | 3132 | 1.62E-11 |
| 2012 | 3.49E-13 | 2114 | 1.38E-12 | 2216 | 1.90E-12 | 2318 | 2.52E-12 | 2420 | 1.90E-12 | 2522 | 1.13E-12 | 2624 | 2.82E-12 | 2726 | 5.33E-12 | 2828 | 7.98E-12 | 2930 | 1.17E-11 | 3032 | 1.56E-11 | 3134 | 1.60E-11 |
| 2014 | 1.68E-12 | 2116 | 2.08E-12 | 2218 | 1.38E-12 | 2320 | 1.95E-12 | 2422 | 1.98E-12 | 2524 | 1.12E-12 | 2626 | 2.86E-12 | 2728 | 5.25E-12 | 2830 | 8.09E-12 | 2932 | 1.20E-11 | 3034 | 1.56E-11 | 3136 | 1.63E-11 |
| 2016 | 1.79E-12 | 2118 | 2.27E-12 | 2220 | 1.46E-12 | 2322 | 2.06E-12 | 2424 | 1.94E-12 | 2526 | 1.23E-12 | 2628 | 2.73E-12 | 2730 | 5.53E-12 | 2832 | 8.10E-12 | 2934 | 1.21E-11 | 3036 | 1.54E-11 | 3138 | 1.67E-11 |
| 2018 | -5.21E-13 | 2120 | 1.88E-12 | 2222 | 2.26E-12 | 2324 | 2.45E-12 | 2426 | 1.91E-12 | 2528 | 1.26E-12 | 2630 | 2.47E-12 | 2732 | 5.93E-12 | 2834 | 8.45E-12 | 2936 | 1.20E-11 | 3038 | 1.52E-11 | 3140 | 1.69E-11 |
| 2020 | -1.26E-12 | 2122 | 3.55E-12 | 2224 | 2.79E-12 | 2326 | 2.66E-12 | 2428 | 2.31E-12 | 2530 | 1.10E-12 | 2632 | 2.44E-12 | 2734 | 6.03E-12 | 2836 | 8.25E-12 | 2938 | 1.18E-11 | 3040 | 1.52E-11 | 3142 | 1.64E-11 |
| 2022 | 3.52E-13 | 2124 | 1.46E-12 | 2226 | 2.58E-12 | 2328 | 2.28E-12 | 2430 | 2.47E-12 | 2532 | 1.30E-12 | 2634 | 2.88E-12 | 2736 | 5.72E-12 | 2838 | 8.03E-12 | 2940 | 1.14E-11 | 3042 | 1.53E-11 | 3144 | 1.56E-11 |
| 2024 | 1.25E-12 | 2126 | 1.11E-12 | 2228 | 2.46E-12 | 2330 | 1.73E-12 | 2432 | 2.31E-12 | 2534 | 1.65E-12 | 2636 | 3.67E-12 | 2738 | 5.07E-12 | 2840 | 8.23E-12 | 2942 | 1.14E-11 | 3044 | 1.55E-11 | 3146 | 1.57E-11 |
| 2026 | 5.54E-13 | 2128 | 2.50E-12 | 2230 | 2.60E-12 | 2332 | 1.65E-12 | 2434 | 2.08E-12 | 2536 | 1.42E-12 | 2638 | 5.17E-12 | 2740 | 4.35E-12 | 2842 | 8.00E-12 | 2944 | 1.17E-11 | 3046 | 1.56E-11 | 3148 | 1.62E-11 |
| 2028 | -4.20E-13 | 2130 | 1.96E-12 | 2232 | 2.68E-12 | 2334 | 1.91E-12 | 2436 | 1.56E-12 | 2538 | 1.24E-12 | 2640 | 6.19E-12 | 2742 | 3.70E-12 | 2844 | 7.52E-12 | 2946 | 1.17E-11 | 3048 | 1.55E-11 | 3150 | 1.66E-11 |
| 2030 | 7.63E-13 | 2132 | 9.02E-13 | 2234 | 2.13E-12 | 2336 | 2.30E-12 | 2438 | 2.22E-12 | 2540 | 1.30E-12 | 2642 | 6.54E-12 | 2744 | 3.30E-12 | 2846 | 7.11E-12 | 2948 | 1.16E-11 | 3050 | 1.54E-11 | 3152 | 1.65E-11 |
| 2032 | 2.77E-13 | 2134 | 5.14E-13 | 2236 | 2.25E-12 | 2338 | 1.89E-12 | 2440 | 2.35E-12 | 2542 | 1.47E-12 | 2644 | | 2746 | 3.26E-12 | 2848 | | 2950 | 1.20E-11 | 3052 | | 3154 | 1.59E-11 |
| 2034 | 1.23E-13 | 2136 | 9.25E-13 | 2238 | 2.80E-12 | 2340 | 1.54E-12 | 2442 | 1.96E-12 | 2544 | 1.52E-12 | 2646 | | 2748 | 3.08E-12 | 2850 | | 2952 | 1.21E-11 | 3054 | | 3156 | 1.47E-11 |
| 2036 | 1.94E-12 | 2138 | 1.24E-12 | 2240 | 2.91E-12 | 2342 | 1.26E-12 | 2444 | 1.65E-12 | 2546 | 1.43E-12 | 2648 | 5.97E-12 | 2750 | 3.14E-12 | 2852 | | 2954 | 1.20E-11 | 3056 | | 3158 | 1.40E-11 |
| 2038 | 9.28E-13 | 2140 | 1.10E-12 | 2242 | 3.09E-12 | 2344 | 9.75E-13 | 2446 | 2.04E-12 | 2548 | 1.69E-12 | 2650 | 5.87E-12 | 2752 | 3.40E-12 | 2854 | | 2956 | 1.27E-11 | 3058 | | 3160 | 1.38E-11 |
| 2040 | -7.69E-13 | 2142 | 1.66E-12 | 2244 | 2.34E-12 | 2346 | 1.07E-12 | 2448 | 2.05E-12 | 2550 | 1.75E-12 | 2652 | 6.00E-12 | 2754 | 3.82E-12 | 2856 | 5.19E-12 | 2958 | 1.34E-11 | 3060 | | 3162 | 1.43E-11 |
| 2042 | 7.49E-13 | 2144 | 1.74E-12 | 2246 | 2.27E-12 | 2348 | 9.76E-13 | 2450 | 1.80E-12 | 2552 | 1.73E-12 | 2654 | 6.45E-12 | 2756 | 4.20E-12 | 2858 | 5.89E-12 | 2960 | 1.39E-11 | 3062 | 1.38E-11 | 3164 | 1.53E-11 |
| 2044 | 2.11E-12 | 2146 | 2.08E-12 | 2248 | 2.70E-12 | 2350 | 1.06E-12 | 2452 | 1.93E-12 | 2554 | 1.83E-12 | 2656 | 6.53E-12 | 2758 | 4.58E-12 | 2860 | 7.17E-12 | 2962 | 1.37E-11 | 3064 | 1.39E-11 | 3166 | 1.63E-11 |
| 2046 | 5.36E-13 | 2148 | 2.29E-12 | 2250 | 2.59E-12 | 2352 | 1.66E-12 | 2454 | 1.81E-12 | 2556 | 2.03E-12 | 2658 | 6.71E-12 | 2760 | 5.00E-12 | 2862 | 8.39E-12 | 2964 | 1.29E-11 | 3066 | 1.43E-11 | 3168 | 1.68E-11 |
| 2048 | 5.08E-13 | 2150 | 1.89E-12 | 2252 | 1.99E-12 | 2354 | 1.78E-12 | 2456 | 1.41E-12 | 2558 | 2.37E-12 | 2660 | 6.92E-12 | 2762 | 5.37E-12 | 2864 | 8.75E-12 | 2966 | 1.22E-11 | 3068 | 1.45E-11 | 3170 | 1.77E-11 |
| 2050 | 5.15E-13 | 2152 | 1.24E-12 | 2254 | 2.29E-12 | 2356 | 1.71E-12 | 2458 | 1.42E-12 | 2560 | 2.49E-12 | 2662 | 6.73E-12 | 2764 | 5.74E-12 | 2866 | 8.94E-12 | 2968 | 1.14E-11 | 3070 | 1.46E-11 | 3172 | 1.80E-11 |
| 2052 | 5.74E-13 | 2154 | 2.05E-12 | 2256 | 2.62E-12 | 2358 | 1.75E-12 | 2460 | 1.53E-12 | 2562 | 2.43E-12 | 2664 | 6.45E-12 | 2766 | 6.05E-12 | 2868 | 9.19E-12 | 2970 | 1.13E-11 | 3072 | 1.51E-11 | 3174 | 1.75E-11 |
| 2054 | 1.52E-12 | 2156 | 1.78E-12 | 2258 | 2.72E-12 | 2360 | 2.05E-12 | 2462 | 1.40E-12 | 2564 | 2.41E-12 | 2666 | 6.04E-12 | 2768 | 6.27E-12 | 2870 | 8.82E-12 | 2972 | 1.17E-11 | 3074 | 1.53E-11 | 3176 | 1.67E-11 |
| 2056 | 1.86E-12 | 2158 | 1.44E-12 | 2260 | 1.97E-12 | 2362 | 1.68E-12 | 2464 | 1.37E-12 | 2566 | 2.47E-12 | 2668 | 5.87E-12 | 2770 | 6.21E-12 | 2872 | 9.02E-12 | 2974 | 1.24E-11 | 3076 | 1.52E-11 | 3178 | 1.57E-11 |
| 2058 | 2.20E-12 | 2160 | 2.57E-12 | 2262 | 1.81E-12 | 2364 | 1.28E-12 | 2466 | 1.58E-12 | 2568 | 2.75E-12 | 2670 | 6.09E-12 | 2772 | 6.26E-12 | 2874 | 9.27E-12 | 2976 | 1.31E-11 | 3078 | 1.51E-11 | 3180 | 1.46E-11 |
| 2060 | 1.94E-12 | 2162 | 1.80E-12 | 2264 | 2.37E-12 | 2366 | 1.49E-12 | 2468 | 1.70E-12 | 2570 | 2.92E-12 | 2672 | 6.01E-12 | 2774 | 6.40E-12 | 2876 | 9.05E-12 | 2978 | 1.33E-11 | 3080 | 1.53E-11 | 3182 | 1.38E-11 |
| 2062 | 5.27E-13 | 2164 | 1.13E-12 | 2266 | 2.41E-12 | 2368 | 1.53E-12 | 2470 | 1.86E-12 | 2572 | 3.10E-12 | 2674 | 6.05E-12 | 2776 | 6.35E-12 | 2878 | 8.49E-12 | 2980 | 1.31E-11 | 3082 | 1.59E-11 | 3184 | 1.43E-11 |
| 2064 | -1.38E-13 | 2166 | 1.37E-12 | 2268 | 1.76E-12 | 2370 | 1.41E-12 | 2472 | 1.51E-12 | 2574 | 3.30E-12 | 2676 | 6.16E-12 | 2778 | 6.03E-12 | 2880 | 7.80E-12 | 2982 | 1.19E-11 | 3084 | 1.64E-11 | 3186 | 1.49E-11 |
| 2066 | 1.36E-12 | 2168 | 6.71E-13 | 2270 | 1.34E-12 | 2372 | 1.55E-12 | 2474 | 1.57E-12 | 2576 | 3.21E-12 | 2678 | 6.26E-12 | 2780 | 5.52E-12 | 2882 | 7.51E-12 | 2984 | 1.06E-11 | 3086 | 1.64E-11 | 3188 | 1.55E-11 |
| 2068 | 3.69E-13 | 2170 | 1.30E-12 | 2272 | 1.35E-12 | 2374 | 1.47E-12 | 2476 | 1.62E-12 | 2578 | 2.99E-12 | 2680 | 6.28E-12 | 2782 | 4.99E-12 | 2884 | 7.88E-12 | 2986 | 9.99E-12 | 3088 | 1.56E-11 | 3190 | 1.58E-11 |
| 2070 | 1.07E-14 | 2172 | 1.39E-12 | 2274 | 1.91E-12 | 2376 | 1.53E-12 | 2478 | 1.93E-12 | 2580 | 3.20E-12 | 2682 | 6.09E-12 | 2784 | 4.60E-12 | 2886 | 8.65E-12 | 2988 | 1.03E-11 | 3090 | 1.46E-11 | 3192 | 1.57E-11 |
| 2072 | 6.70E-13 | 2174 | 1.23E-12 | 2276 | 2.38E-12 | 2378 | 1.28E-12 | 2480 | 1.77E-12 | 2582 | 3.24E-12 | 2684 | 5.98E-12 | 2786 | 4.17E-12 | 2888 | 9.53E-12 | 2990 | 1.13E-11 | 3092 | 1.34E-11 | 3194 | 1.57E-11 |
| 2074 | 9.48E-13 | 2176 | 2.17E-12 | 2278 | 1.63E-12 | 2380 | 1.55E-12 | 2482 | 1.49E-12 | 2584 | 3.35E-12 | 2686 | 6.05E-12 | 2788 | 3.86E-12 | 2890 | 9.83E-12 | 2992 | 1.20E-11 | 3094 | 1.29E-11 | 3196 | 1.61E-11 |
| 2076 | 2.33E-12 | 2178 | 1.94E-12 | 2280 | 1.26E-12 | 2382 | 1.53E-12 | 2484 | 1.63E-12 | 2586 | 3.27E-12 | 2688 | 6.13E-12 | 2790 | 3.38E-12 | 2892 | 9.94E-12 | 2994 | 1.22E-11 | 3096 | 1.31E-11 | 3198 | 1.68E-11 |


HD 187691 F8 V
V=5.11 (B-V)=0.55 E(B-V)=0.02
LAP: LWP 11175
20
15
10
5
0
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 193901 F8 V V=8.65 (B-V)=0.55 E(B-V)=0.02**

**LAP: LWP 12976; SAP: LWP12976**

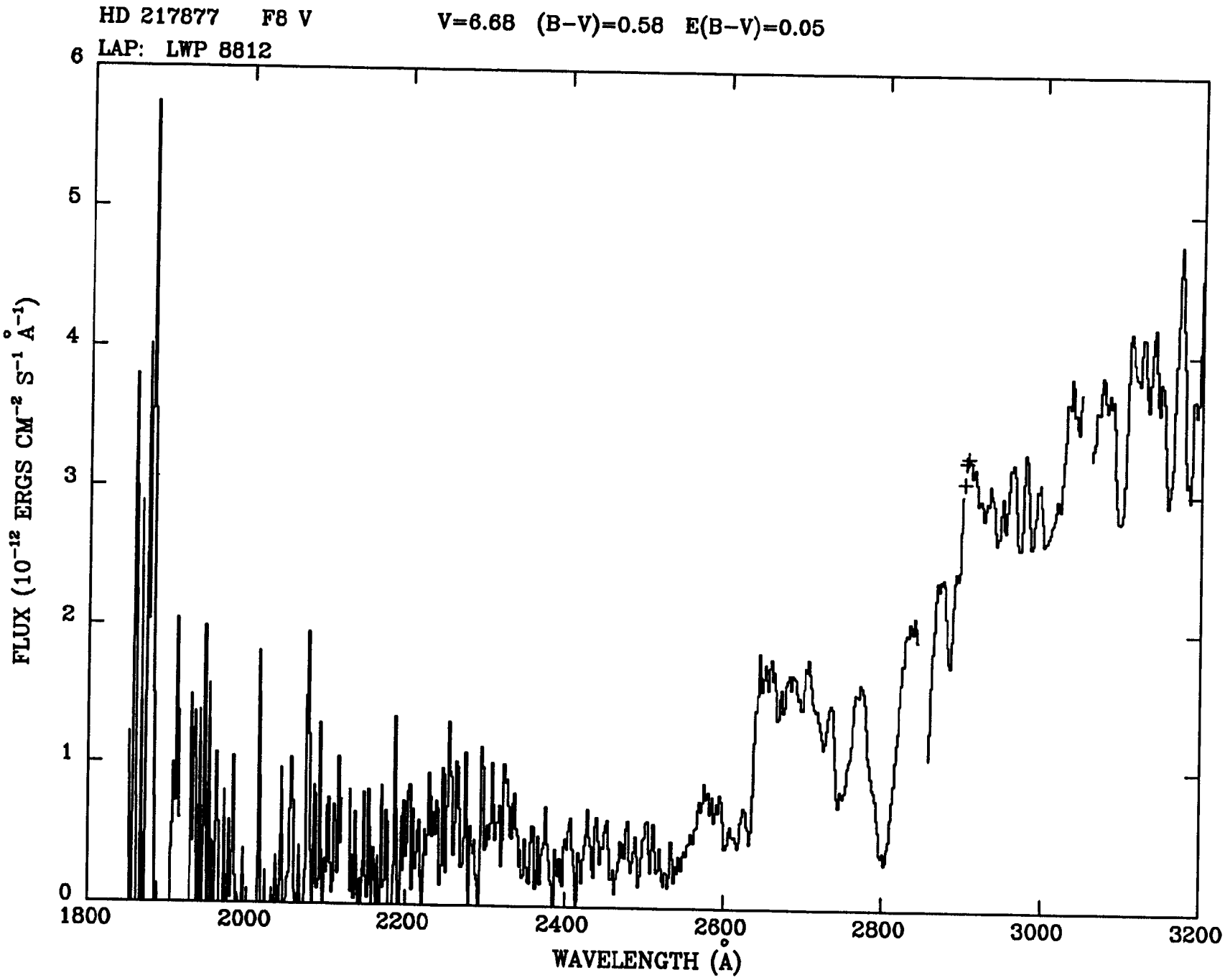
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.14E-13 | 2078 | 1.64E-13 | 2180 | 1.69E-13 | 2282 | 2.13E-13 | 2384 | 6.97E-14 | 2486 | 1.21E-13 | 2588 | 2.91E-13 | 2690 | 4.52E-13 | 2792 | 9.45E-14 | 2894 | 5.24E-13 | 2996 | 5.81E-13 | 3098 | 6.07E-13 |
| 1978 | 1.80E-13 | 2080 | 7.97E-14 | 2182 | 2.04E-13 | 2284 | 2.09E-13 | 2386 | 9.07E-14 | 2488 | 1.15E-13 | 2590 | 3.13E-13 | 2692 | 4.59E-13 | 2794 | 7.75E-14 | 2896 | 5.54E-13 | 2998 | 5.57E-13 | 3100 | 6.28E-13 |
| 1980 | -1.16E-14 | 2082 | 1.70E-13 | 2184 | 2.40E-13 | 2286 | 2.03E-13 | 2388 | 1.28E-13 | 2490 | 1.23E-13 | 2592 | 3.07E-13 | 2694 | 4.32E-13 | 2796 | 6.39E-14 | 2898 | 6.20E-13 | 3000 | 5.42E-13 | 3102 | 6.68E-13 |
| 1982 | -8.18E-14 | 2084 | 2.63E-13 | 2186 | 2.20E-13 | 2288 | 1.88E-13 | 2390 | 1.46E-13 | 2492 | 1.17E-13 | 2594 | 2.72E-13 | 2696 | 4.10E-13 | 2798 | 5.06E-14 | 2900 | 6.45E-13 | 3002 | 5.54E-13 | 3104 | 7.08E-13 |
| 1984 | -3.08E-14 | 2086 | 2.83E-13 | 2188 | 2.43E-13 | 2290 | 1.68E-13 | 2392 | 1.61E-13 | 2494 | 1.62E-13 | 2596 | 2.24E-13 | 2698 | 4.20E-13 | 2800 | 5.94E-14 | 2902 | 6.41E-13 | 3004 | 5.82E-13 | 3106 | 7.54E-13 |
| 1986 | -3.22E-14 | 2088 | 2.27E-13 | 2190 | 1.62E-13 | 2292 | 1.97E-13 | 2394 | 1.22E-13 | 2496 | 2.19E-13 | 2598 | 2.08E-13 | 2700 | 4.43E-13 | 2802 | 7.93E-14 | 2904 | 6.37E-13 | 3006 | 6.07E-13 | 3108 | 7.83E-13 |
| 1988 | 3.47E-14 | 2090 | 1.41E-13 | 2192 | 1.06E-13 | 2294 | 1.95E-13 | 2396 | 1.34E-13 | 2498 | 2.34E-13 | 2600 | 1.89E-13 | 2702 | 4.52E-13 | 2804 | 9.61E-14 | 2906 | 6.38E-13 | 3008 | 6.10E-13 | 3110 | 7.92E-13 |
| 1990 | 2.63E-14 | 2092 | 2.32E-13 | 2194 | 1.58E-13 | 2296 | 2.48E-13 | 2398 | 1.56E-13 | 2500 | 2.17E-13 | 2602 | 2.09E-13 | 2704 | 4.65E-13 | 2806 | 1.34E-13 | 2908 | 6.40E-13 | 3010 | 6.23E-13 | 3112 | 7.69E-13 |
| 1992 | 1.40E-13 | 2094 | 1.88E-13 | 2196 | 1.96E-13 | 2298 | 1.98E-13 | 2400 | 1.30E-13 | 2502 | 2.07E-13 | 2604 | 2.18E-13 | 2706 | 4.75E-13 | 2808 | 1.87E-13 | 2910 | 6.45E-13 | 3012 | 6.26E-13 | 3114 | 7.42E-13 |
| 1994 | 1.66E-13 | 2096 | 8.52E-14 | 2198 | 1.84E-13 | 2300 | 2.00E-13 | 2402 | 1.39E-13 | 2504 | 2.00E-13 | 2606 | 1.99E-13 | 2708 | 4.56E-13 | 2810 | 2.31E-13 | 2912 | 6.42E-13 | 3014 | 5.99E-13 | 3116 | 7.13E-13 |
| 1996 | 1.56E-13 | 2098 | 1.78E-13 | 2200 | 1.81E-13 | 2302 | 1.58E-13 | 2404 | 1.27E-13 | 2506 | 1.53E-13 | 2608 | 1.82E-13 | 2710 | 4.36E-13 | 2812 | 2.66E-13 | 2914 | 6.38E-13 | 3016 | 5.61E-13 | 3118 | 6.96E-13 |
| 1998 | 1.25E-13 | 2100 | 1.25E-13 | 2202 | 1.73E-13 | 2304 | 1.45E-13 | 2406 | 4.96E-14 | 2508 | 1.45E-13 | 2610 | 1.79E-13 | 2712 | 4.20E-13 | 2814 | 3.17E-13 | 2916 | 6.25E-13 | 3018 | 5.44E-13 | 3120 | 6.95E-13 |
| 2000 | 9.25E-14 | 2102 | 1.95E-13 | 2204 | 2.31E-13 | 2306 | 1.66E-13 | 2408 | 1.28E-13 | 2510 | 1.66E-13 | 2612 | 1.84E-13 | 2714 | 3.93E-13 | 2816 | 3.74E-13 | 2918 | 5.97E-13 | 3020 | 5.61E-13 | 3122 | 6.88E-13 |
| 2002 | 2.54E-15 | 2104 | 1.07E-13 | 2206 | 2.74E-13 | 2308 | 2.26E-13 | 2410 | 1.15E-13 | 2512 | 1.27E-13 | 2614 | 2.12E-13 | 2716 | 3.65E-13 | 2818 | 4.19E-13 | 2920 | 5.91E-13 | 3022 | 6.00E-13 | 3124 | 6.77E-13 |
| 2004 | 1.31E-13 | 2106 | 2.50E-14 | 2208 | 2.06E-13 | 2310 | 2.54E-13 | 2412 | 1.42E-13 | 2514 | 8.28E-14 | 2616 | 2.49E-13 | 2718 | 3.38E-13 | 2820 | 4.37E-13 | 2922 | 5.80E-13 | 3024 | 6.41E-13 | 3126 | 6.80E-13 |
| 2006 | 1.65E-13 | 2108 | 9.60E-14 | 2210 | 2.48E-13 | 2312 | 2.29E-13 | 2414 | 1.50E-13 | 2516 | 7.79E-14 | 2618 | 2.82E-13 | 2720 | 3.21E-13 | 2822 | 4.56E-13 | 2924 | 5.63E-13 | 3026 | 6.60E-13 | 3128 | 7.01E-13 |
| 2008 | -3.34E-14 | 2110 | 9.69E-14 | 2212 | 1.23E-13 | 2314 | 1.69E-13 | 2416 | 1.82E-13 | 2518 | 6.91E-14 | 2620 | 3.10E-13 | 2722 | 3.37E-13 | 2824 | 4.61E-13 | 2926 | 5.57E-13 | 3028 | 6.70E-13 | 3130 | 7.25E-13 |
| 2010 | -4.96E-14 | 2112 | 9.30E-14 | 2214 | 1.38E-13 | 2316 | 1.60E-13 | 2418 | 2.24E-13 | 2520 | 6.82E-14 | 2622 | 2.95E-13 | 2724 | 3.57E-13 | 2826 | 4.57E-13 | 2928 | 5.72E-13 | 3030 | 7.01E-13 | 3132 | 7.39E-13 |
| 2012 | 6.46E-14 | 2114 | 1.21E-13 | 2216 | 1.78E-13 | 2318 | 2.03E-13 | 2420 | 2.40E-13 | 2522 | 8.35E-14 | 2624 | 2.69E-13 | 2726 | 3.62E-13 | 2828 | 4.65E-13 | 2930 | 5.89E-13 | 3032 | 7.04E-13 | 3134 | 7.49E-13 |
| 2014 | 2.70E-13 | 2116 | 1.46E-13 | 2218 | 1.79E-13 | 2320 | 1.84E-13 | 2422 | 2.46E-13 | 2524 | 7.31E-14 | 2626 | 2.38E-13 | 2728 | 3.77E-13 | 2830 | 4.64E-13 | 2932 | 6.02E-13 | 3034 | 6.86E-13 | 3136 | 7.42E-13 |
| 2016 | 2.95E-13 | 2118 | 1.50E-13 | 2220 | 1.35E-13 | 2322 | 1.62E-13 | 2424 | 2.33E-13 | 2526 | 1.02E-13 | 2628 | 2.08E-13 | 2730 | 3.91E-13 | 2832 | 4.46E-13 | 2934 | 5.88E-13 | 3036 | 6.75E-13 | 3138 | 7.00E-13 |
| 2018 | 6.32E-14 | 2120 | 2.60E-13 | 2222 | 8.40E-14 | 2324 | 2.04E-13 | 2426 | 2.25E-13 | 2528 | 1.06E-13 | 2630 | 2.22E-13 | 2732 | 3.71E-13 | 2834 | 4.62E-13 | 2936 | 5.84E-13 | 3038 | 6.87E-13 | 3140 | 6.60E-13 |
| 2020 | 1.55E-14 | 2122 | 2.46E-13 | 2224 | 1.83E-13 | 2326 | 2.00E-13 | 2428 | 2.55E-13 | 2530 | 9.36E-14 | 2632 | 2.82E-13 | 2734 | 3.39E-13 | 2836 | 4.65E-13 | 2938 | 6.03E-13 | 3040 | 6.91E-13 | 3142 | 6.58E-13 |
| 2022 | 8.85E-14 | 2124 | 5.15E-14 | 2226 | 2.47E-13 | 2328 | 1.73E-13 | 2430 | 2.69E-13 | 2532 | 1.23E-13 | 2634 | 3.60E-13 | 2736 | 3.11E-13 | 2838 | 4.47E-13 | 2940 | 6.14E-13 | 3042 | 6.80E-13 | 3144 | 6.87E-13 |
| 2024 | 1.49E-13 | 2126 | 1.64E-13 | 2228 | 2.38E-13 | 2330 | 1.86E-13 | 2432 | 2.49E-13 | 2534 | 1.78E-13 | 2636 | 4.33E-13 | 2738 | 2.84E-13 | 2840 | 4.53E-13 | 2942 | 6.04E-13 | 3044 | 6.80E-13 | 3146 | 7.30E-13 |
| 2026 | 9.96E-14 | 2128 | 3.00E-13 | 2230 | 2.36E-13 | 2332 | 1.61E-13 | 2434 | 2.34E-13 | 2536 | 1.69E-13 | 2638 | 5.12E-13 | 2740 | 2.74E-13 | 2842 | 4.31E-13 | 2944 | 5.80E-13 | 3046 | 6.76E-13 | 3148 | 7.51E-13 |
| 2028 | 2.24E-13 | 2130 | 2.09E-13 | 2232 | 2.31E-13 | 2334 | 1.49E-13 | 2436 | 2.28E-13 | 2538 | 1.55E-13 | 2640 | 5.24E-13 | 2742 | 2.70E-13 | 2844 | 3.78E-13 | 2946 | 5.64E-13 | 3048 | 6.87E-13 | 3150 | 7.31E-13 |
| 2030 | 2.26E-13 | 2132 | 1.82E-13 | 2234 | 1.90E-13 | 2336 | 1.80E-13 | 2438 | 2.47E-13 | 2540 | 1.56E-13 | 2642 | 4.80E-13 | 2744 | 2.62E-13 | 2846 | 2.92E-13 | 2948 | 5.82E-13 | 3050 | 6.72E-13 | 3152 | 6.91E-13 |
| 2032 | 2.19E-13 | 2134 | 1.73E-13 | 2236 | 2.13E-13 | 2338 | 1.96E-13 | 2440 | 2.30E-13 | 2542 | 1.53E-13 | 2644 | 4.51E-13 | 2746 | 2.58E-13 | 2848 | 1.70E-13 | 2950 | 6.07E-13 | 3052 | 5.91E-13 | 3154 | 6.45E-13 |
| 2034 | 1.15E-13 | 2136 | 1.96E-13 | 2238 | 3.42E-13 | 2340 | 1.63E-13 | 2442 | 2.08E-13 | 2544 | 1.67E-13 | 2646 | 4.23E-13 | 2748 | 2.57E-13 | 2850 | 1.38E-13 | 2952 | 6.22E-13 | 3054 | 5.62E-13 | 3156 | 6.32E-13 |
| 2036 | 1.72E-13 | 2138 | 1.99E-13 | 2240 | 4.34E-13 | 2342 | 1.06E-13 | 2444 | 2.08E-13 | 2546 | 1.57E-13 | 2648 | 4.05E-13 | 2750 | 2.71E-13 | 2852 | 1.92E-13 | 2954 | 6.18E-13 | 3056 | 5.70E-13 | 3158 | 6.58E-13 |
| 2038 | 9.78E-14 | 2140 | 1.89E-13 | 2242 | 3.09E-13 | 2344 | 1.25E-13 | 2446 | 1.96E-13 | 2548 | 1.57E-13 | 2650 | 4.36E-13 | 2752 | 3.10E-13 | 2854 | 2.53E-13 | 2956 | 6.46E-13 | 3058 | 5.89E-13 | 3160 | 6.99E-13 |
| 2040 | -4.76E-14 | 2142 | 1.34E-13 | 2244 | 2.36E-13 | 2346 | 1.06E-13 | 2448 | 2.08E-13 | 2550 | 1.87E-13 | 2652 | 4.93E-13 | 2754 | 3.15E-13 | 2856 | 3.46E-13 | 2958 | 6.79E-13 | 3060 | 6.17E-13 | 3162 | 7.45E-13 |
| 2042 | -1.72E-14 | 2144 | 2.14E-13 | 2246 | 2.82E-13 | 2348 | 8.10E-14 | 2450 | 2.17E-13 | 2552 | 2.46E-13 | 2654 | 5.38E-13 | 2756 | 3.12E-13 | 2858 | 4.06E-13 | 2960 | 6.62E-13 | 3062 | 6.23E-13 | 3164 | 7.54E-13 |
| 2044 | 9.22E-14 | 2146 | 2.09E-13 | 2248 | 2.86E-13 | 2350 | 1.68E-13 | 2452 | 2.14E-13 | 2554 | 2.63E-13 | 2656 | 5.30E-13 | 2758 | 3.45E-13 | 2860 | 4.48E-13 | 2962 | 6.12E-13 | 3064 | 6.12E-13 | 3166 | 7.55E-13 |
| 2046 | 8.76E-14 | 2148 | 1.82E-13 | 2250 | 2.10E-13 | 2352 | 2.28E-13 | 2454 | 2.12E-13 | 2556 | 2.50E-13 | 2658 | 5.21E-13 | 2760 | 3.88E-13 | 2862 | 4.72E-13 | 2964 | 5.70E-13 | 3066 | 6.44E-13 | 3168 | 7.59E-13 |
| 2048 | 6.35E-14 | 2150 | 1.30E-13 | 2252 | 1.65E-13 | 2354 | 1.82E-13 | 2456 | 1.86E-13 | 2558 | 2.67E-13 | 2660 | 5.16E-13 | 2762 | 4.11E-13 | 2864 | 4.65E-13 | 2966 | 5.27E-13 | 3068 | 6.83E-13 | 3170 | 7.77E-13 |
| 2050 | 7.28E-14 | 2152 | 1.37E-13 | 2254 | 2.41E-13 | 2356 | 2.02E-13 | 2458 | 1.98E-13 | 2560 | 2.48E-13 | 2662 | 4.70E-13 | 2764 | 4.28E-13 | 2866 | 4.59E-13 | 2968 | 5.10E-13 | 3070 | 6.92E-13 | 3172 | 7.81E-13 |
| 2052 | 1.46E-13 | 2154 | 2.41E-13 | 2256 | 2.54E-13 | 2358 | 1.62E-13 | 2460 | 2.12E-13 | 2562 | 2.50E-13 | 2664 | 4.07E-13 | 2766 | 4.24E-13 | 2868 | 5.00E-13 | 2970 | 5.43E-13 | 3072 | 6.70E-13 | 3174 | 7.79E-13 |
| 2054 | 1.04E-13 | 2156 | 2.24E-13 | 2258 | 2.17E-13 | 2360 | 1.65E-13 | 2462 | 1.60E-13 | 2564 | 2.70E-13 | 2666 | 4.28E-13 | 2768 | 4.14E-13 | 2870 | 5.06E-13 | 2972 | 5.98E-13 | 3074 | 6.55E-13 | 3176 | 7.65E-13 |
| 2056 | 8.76E-14 | 2158 | 2.09E-13 | 2260 | 2.25E-13 | 2362 | 1.69E-13 | 2464 | 1.72E-13 | 2566 | 2.95E-13 | 2668 | 4.24E-13 | 2770 | 4.11E-13 | 2872 | 4.91E-13 | 2974 | 6.29E-13 | 3076 | 6.60E-13 | 3178 | 7.72E-13 |
| 2058 | 1.71E-13 | 2160 | 2.24E-13 | 2262 | 1.85E-13 | 2364 | 1.38E-13 | 2466 | 2.10E-13 | 2568 | 3.28E-13 | 2670 | 4.44E-13 | 2772 | 4.20E-13 | 2874 | 4.65E-13 | 2976 | 6.44E-13 | 3078 | 6.75E-13 | 3180 | 7.96E-13 |
| 2060 | 1.51E-13 | 2162 | 1.18E-13 | 2264 | 2.11E-13 | 2366 | 1.76E-13 | 2468 | 2.09E-13 | 2570 | 3.26E-13 | 2672 | 4.75E-13 | 2774 | 4.09E-13 | 2876 | 4.38E-13 | 2978 | 6.07E-13 | 3080 | 6.81E-13 | 3182 | 7.75E-13 |
| 2062 | 1.65E-13 | 2164 | 1.24E-13 | 2266 | 1.92E-13 | 2368 | 1.80E-13 | 2470 | 2.18E-13 | 2572 | 3.03E-13 | 2674 | 4.97E-13 | 2776 | 3.75E-13 | 2878 | 4.12E-13 | 2980 | 5.57E-13 | 3082 | 6.73E-13 | 3184 | 7.72E-13 |
| 2064 | 1.53E-13 | 2166 | 1.52E-13 | 2268 | 1.97E-13 | 2370 | 1.34E-13 | 2472 | 1.67E-13 | 2574 | 2.90E-13 | 2676 | 4.94E-13 | 2778 | 3.30E-13 | 2880 | 3.89E-13 | 2982 | 5.38E-13 | 3084 | 6.48E-13 | 3186 | 7.89E-13 |
| 2066 | 2.07E-13 | 2168 | 1.18E-13 | 2270 | 2.60E-13 | 2372 | 1.71E-13 | 2474 | 1.77E-13 | 2576 | 2.87E-13 | 2678 | 4.75E-13 | 2780 | 2.94E-13 | 2882 | 4.13E-13 | 2984 | 5.54E-13 | 3086 | 6.15E-13 | 3188 | 8.07E-13 |
| 2068 | 2.15E-13 | 2170 | 1.57E-13 | 2272 | 2.44E-13 | 2374 | 1.86E-13 | 2476 | 1.78E-13 | 2578 | 2.90E-13 | 2680 | 4.63E-13 | 2782 | 2.84E-13 | 2884 | 4.77E-13 | 2986 | 6.07E-13 | 3088 | 5.78E-13 | 3190 | 8.39E-13 |
| 2070 | 1.25E-14 | 2172 | 1.18E-13 | 2274 | 1.86E-13 | 2376 | 1.73E-13 | 2478 | 1.90E-13 | 2580 | 3.10E-13 | 2682 | 4.46E-13 | 2784 | 2.80E-13 | 2886 | 5.11E-13 | 2988 | 6.42E-13 | 3090 | 5.47E-13 | 3192 | 8.57E-13 |
| 2072 | -3.30E-14 | 2174 | 1.06E-13 | 2276 | 2.16E-13 | 2378 | 2.34E-13 | 2480 | 1.68E-13 | 2582 | 3.12E-13 | 2684 | 4.44E-13 | 2786 | 2.48E-13 | 2888 | 5.28E-13 | 2990 | 6.58E-13 | 3092 | 5.21E-13 | 3194 | 8.58E-13 |
| 2074 | 4.65E-14 | 2176 | 2.32E-13 | 2278 | 1.62E-13 | 2380 | 2.20E-13 | 2482 | 1.27E-13 | 2584 | 2.95E-13 | 2686 | 4.47E-13 | 2788 | 1.87E-13 | 2890 | 5.24E-13 | 2992 | 6.40E-13 | 3094 | 5.49E-13 | 3196 | 8.64E-13 |
| 2076 | 1.96E-13 | 2178 | 2.02E-13 | 2280 | 1.32E-13 | 2382 | 8.46E-14 | 2484 | 1.30E-13 | 2586 | 2.83E-13 | 2688 | 4.53E-13 | 2790 | 1.32E-13 | 2892 | 5.16E-13 | 2994 | 6.08E-13 | 3096 | 5.88E-13 | 3198 | 8.83E-13 |


HD 193901 F8 V
V=8.65 (B-V)=0.55 E(B-V)=0.02
LAP: LWP 12976; SAP: LWP12976
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 217877 F8 V V=6.68 (B-V)=0.58 E(B-V)=0.05**

**LAP: LWP 8812**

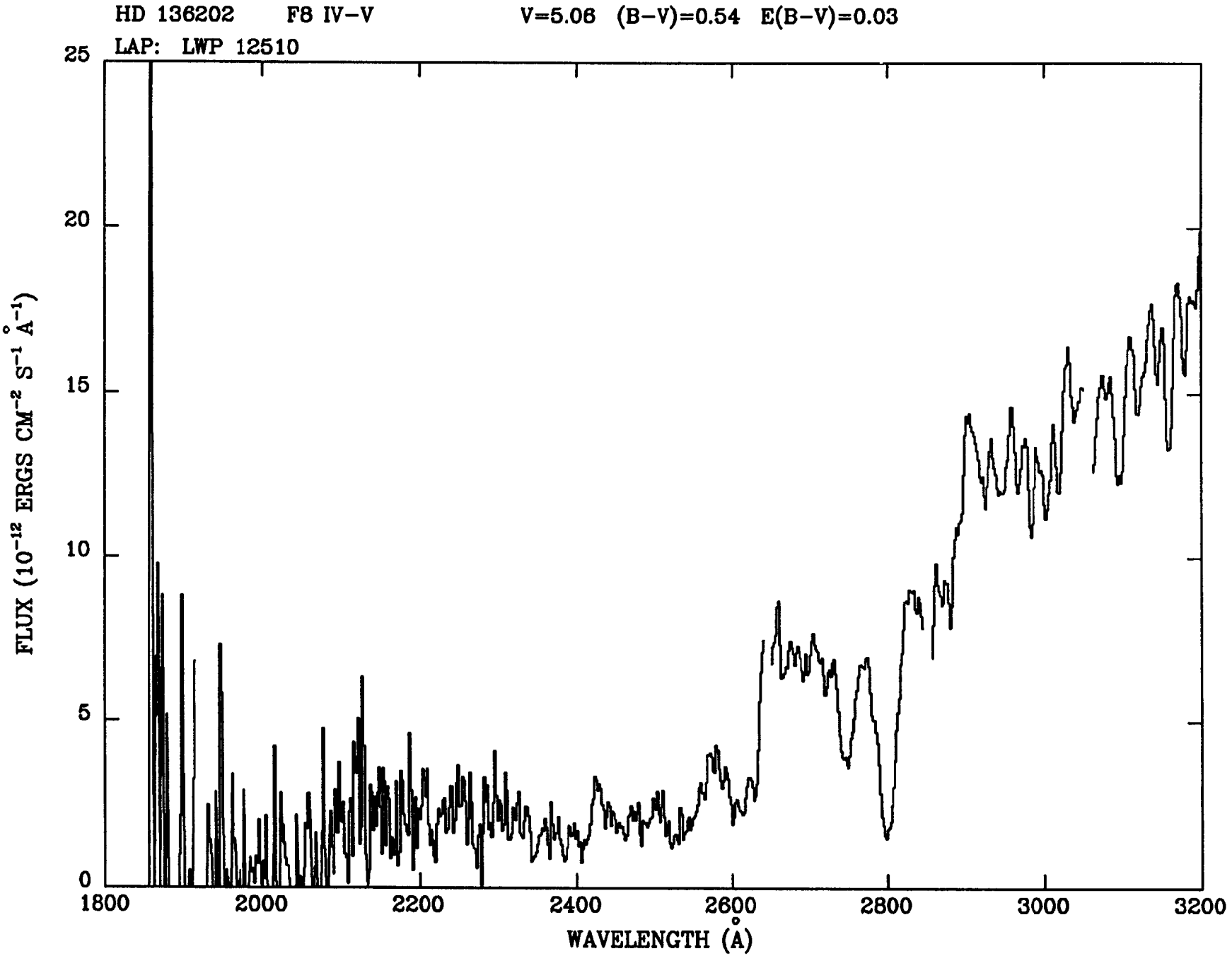
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.88E-13 | 2078 | 1.58E-12 | 2180 | -8.31E-15 | 2282 | 4.86E-13 | 2384 | 1.35E-13 | 2486 | 3.76E-13 | 2588 | 6.37E-13 | 2690 | 1.66E-12 | 2792 | 7.30E-13 | 2894 | 2.39E-12 | 2996 | 3.05E-12 | 3098 | 2.81E-12 |
| 1978 | 2.31E-13 | 2080 | 7.54E-13 | 2182 | -2.66E-13 | 2284 | 3.90E-13 | 2386 | 1.10E-13 | 2488 | 4.80E-13 | 2590 | 7.07E-13 | 2692 | 1.57E-12 | 2794 | 6.07E-13 | 2896 | 2.45E-12 | 2998 | 2.99E-12 | 3100 | 2.83E-12 |
| 1980 | 2.63E-13 | 2082 | 4.81E-14 | 2184 | -1.80E-14 | 2286 | 4.43E-13 | 2388 | 3.84E-13 | 2490 | 3.89E-13 | 2592 | 7.24E-13 | 2694 | 1.50E-12 | 2796 | 4.69E-13 | 2898 | 2.76E-12 | 3000 | 2.84E-12 | 3102 | 2.93E-12 |
| 1982 | 8.75E-13 | 2084 | 5.53E-13 | 2186 | 5.45E-13 | 2288 | 2.73E-13 | 2390 | 2.94E-13 | 2492 | 1.74E-13 | 2594 | 7.40E-13 | 2696 | 1.51E-12 | 2798 | 3.83E-13 | 2900 | 2.99E-12 | 3002 | 2.69E-12 | 3104 | 3.20E-12 |
| 1984 | 3.17E-13 | 2086 | 7.99E-13 | 2188 | 1.11E-12 | 2290 | 1.90E-13 | 2392 | 2.75E-13 | 2494 | 2.33E-13 | 2596 | 7.87E-13 | 2698 | 1.43E-12 | 2800 | 3.98E-13 | 2902 | | 3004 | 2.66E-12 | 3106 | 3.59E-12 |
| 1986 | 3.05E-14 | 2088 | 2.45E-13 | 2190 | 2.48E-13 | 2292 | -1.03E-13 | 2394 | 2.62E-13 | 2496 | 3.74E-13 | 2598 | 6.81E-13 | 2700 | 1.46E-12 | 2802 | 3.48E-13 | 2904 | | 3006 | 2.66E-12 | 3108 | 3.95E-12 |
| 1988 | 5.54E-14 | 2090 | 1.58E-13 | 2192 | -2.70E-13 | 2294 | 5.28E-13 | 2396 | 1.63E-13 | 2498 | 4.90E-13 | 2600 | 4.95E-13 | 2702 | 1.62E-12 | 2804 | 3.43E-13 | 2906 | | 3008 | 2.69E-12 | 3110 | 4.14E-12 |
| 1990 | -2.87E-14 | 2092 | 1.23E-12 | 2194 | 2.97E-13 | 2296 | 1.12E-12 | 2398 | 3.32E-13 | 2500 | 5.29E-13 | 2602 | 4.29E-13 | 2704 | 1.73E-12 | 2806 | 4.27E-13 | 2908 | 3.25E-12 | 3010 | 2.73E-12 | 3112 | 4.12E-12 |
| 1992 | -1.12E-13 | 2094 | 3.55E-13 | 2196 | 3.98E-13 | 2298 | 9.02E-13 | 2400 | 4.68E-13 | 2502 | 6.09E-13 | 2604 | 4.55E-13 | 2706 | 1.74E-12 | 2808 | 4.90E-13 | 2910 | 3.18E-12 | 3012 | 2.78E-12 | 3114 | 4.00E-12 |
| 1994 | 9.19E-14 | 2096 | -1.23E-13 | 2198 | 5.67E-13 | 2300 | 4.04E-13 | 2402 | 4.27E-13 | 2504 | 5.36E-13 | 2606 | 5.40E-13 | 2708 | 1.75E-12 | 2810 | 6.49E-13 | 2912 | 3.13E-12 | 3014 | 2.80E-12 | 3116 | 3.90E-12 |
| 1996 | -4.74E-14 | 2098 | 3.03E-13 | 2200 | 4.43E-13 | 2302 | 4.68E-13 | 2404 | 5.19E-13 | 2506 | 3.33E-13 | 2608 | 5.82E-13 | 2710 | 1.64E-12 | 2812 | 7.89E-13 | 2914 | 3.17E-12 | 3016 | 2.84E-12 | 3118 | 3.85E-12 |
| 1998 | -7.41E-13 | 2100 | 3.44E-13 | 2202 | 4.22E-13 | 2304 | 5.38E-13 | 2406 | 5.93E-13 | 2508 | 3.28E-13 | 2610 | 5.14E-13 | 2712 | 1.53E-12 | 2814 | 9.19E-13 | 2916 | 3.11E-12 | 3018 | 2.91E-12 | 3120 | 3.84E-12 |
| 2000 | -2.76E-13 | 2102 | 7.22E-13 | 2204 | 7.56E-13 | 2306 | 5.24E-13 | 2408 | 6.20E-13 | 2510 | 5.16E-13 | 2612 | 5.04E-13 | 2714 | 1.45E-12 | 2816 | 1.09E-12 | 2918 | 2.96E-12 | 3020 | 2.95E-12 | 3122 | 3.81E-12 |
| 2002 | -1.88E-13 | 2104 | 5.70E-13 | 2206 | 8.56E-13 | 2308 | 8.04E-13 | 2410 | 4.01E-13 | 2512 | 4.80E-13 | 2614 | 5.06E-13 | 2716 | 1.42E-12 | 2818 | 1.21E-12 | 2920 | 2.96E-12 | 3022 | 2.90E-12 | 3124 | 4.01E-12 |
| 2004 | -4.11E-13 | 2106 | 1.95E-13 | 2208 | 1.39E-13 | 2310 | 8.57E-13 | 2412 | 2.52E-13 | 2514 | 3.06E-13 | 2616 | 4.63E-13 | 2718 | 1.42E-12 | 2820 | 1.34E-12 | 2922 | 2.96E-12 | 3024 | 2.98E-12 | 3126 | 4.13E-12 |
| 2006 | -4.65E-13 | 2108 | 1.22E-13 | 2210 | 6.42E-13 | 2312 | 5.59E-13 | 2414 | 1.94E-15 | 2516 | 2.64E-13 | 2618 | 4.48E-13 | 2720 | 1.36E-12 | 2822 | 1.54E-12 | 2924 | 2.92E-12 | 3026 | 3.18E-12 | 3128 | 4.09E-12 |
| 2008 | -1.03E-12 | 2110 | 4.89E-13 | 2212 | 2.74E-13 | 2314 | 5.57E-13 | 2416 | 1.46E-13 | 2518 | 3.93E-13 | 2620 | 5.32E-13 | 2722 | 1.29E-12 | 2824 | 1.69E-12 | 2926 | 2.82E-12 | 3028 | 3.34E-12 | 3130 | 3.84E-12 |
| 2010 | -6.94E-13 | 2112 | 6.32E-13 | 2214 | 4.13E-13 | 2316 | 5.96E-13 | 2418 | 3.66E-13 | 2520 | 3.02E-13 | 2622 | 6.37E-13 | 2724 | 1.23E-12 | 2826 | 1.76E-12 | 2928 | 2.90E-12 | 3030 | 3.57E-12 | 3132 | 3.69E-12 |
| 2012 | -7.13E-13 | 2114 | 3.14E-13 | 2216 | 5.54E-13 | 2318 | 6.99E-13 | 2420 | 2.58E-13 | 2522 | 1.98E-13 | 2624 | 6.94E-13 | 2726 | 1.15E-12 | 2828 | 1.88E-12 | 2930 | 2.94E-12 | 3032 | 3.66E-12 | 3134 | 3.68E-12 |
| 2014 | 7.03E-13 | 2116 | 8.86E-13 | 2218 | 4.61E-13 | 2320 | 3.30E-13 | 2422 | 2.57E-13 | 2524 | 1.60E-13 | 2626 | 7.08E-13 | 2728 | 1.21E-12 | 2830 | 1.97E-12 | 2932 | 2.99E-12 | 3034 | 3.64E-12 | 3136 | 3.90E-12 |
| 2016 | 1.11E-12 | 2118 | 5.27E-13 | 2220 | 1.59E-14 | 2322 | 4.87E-13 | 2424 | 3.95E-13 | 2526 | 2.56E-13 | 2628 | 6.28E-13 | 2730 | 1.31E-12 | 2832 | 1.97E-12 | 2934 | 3.05E-12 | 3036 | 3.81E-12 | 3138 | 4.08E-12 |
| 2018 | -3.80E-13 | 2120 | 7.31E-13 | 2222 | 8.20E-14 | 2324 | 9.98E-13 | 2426 | 4.86E-13 | 2528 | 2.28E-13 | 2630 | 5.73E-13 | 2732 | 1.39E-12 | 2834 | 2.05E-12 | 2936 | 2.99E-12 | 3038 | 3.79E-12 | 3140 | 4.17E-12 |
| 2020 | -5.16E-13 | 2122 | | 2224 | 4.63E-13 | 2326 | 8.83E-13 | 2428 | 6.35E-13 | 2530 | 1.63E-13 | 2632 | 4.85E-13 | 2734 | 1.45E-12 | 2836 | 2.04E-12 | 2938 | 2.95E-12 | 3040 | 3.58E-12 | 3142 | 4.02E-12 |
| 2022 | -2.76E-14 | 2124 | | 2226 | 4.20E-13 | 2328 | 8.58E-13 | 2430 | 5.50E-13 | 2532 | 3.07E-13 | 2634 | 5.41E-13 | 2736 | 1.45E-12 | 2838 | 2.00E-12 | 2940 | 2.82E-12 | 3042 | 3.57E-12 | 3144 | 3.75E-12 |
| 2024 | -2.98E-13 | 2126 | | 2228 | 4.55E-13 | 2330 | 6.48E-13 | 2432 | 4.48E-13 | 2534 | 4.25E-13 | 2636 | 7.89E-13 | 2738 | 1.34E-12 | 2840 | 2.10E-12 | 2942 | 2.67E-12 | 3044 | 3.48E-12 | 3146 | 3.61E-12 |
| 2026 | -3.44E-13 | 2128 | | 2230 | 8.31E-13 | 2332 | 4.89E-13 | 2434 | 2.94E-13 | 2536 | 2.77E-13 | 2638 | 1.19E-12 | 2740 | 1.12E-12 | 2842 | 2.02E-12 | 2944 | 2.68E-12 | 3046 | 3.49E-12 | 3148 | 3.77E-12 |
| 2028 | -5.44E-13 | 2130 | 5.99E-13 | 2232 | 7.99E-13 | 2334 | 5.95E-13 | 2436 | 2.15E-13 | 2538 | 2.47E-13 | 2640 | 1.42E-12 | 2742 | 8.75E-13 | 2844 | 1.93E-12 | 2946 | 2.69E-12 | 3048 | 3.66E-12 | 3150 | 3.79E-12 |
| 2030 | -5.03E-14 | 2132 | 1.80E-13 | 2234 | 5.19E-13 | 2336 | 7.68E-13 | 2438 | 5.81E-13 | 2540 | 2.69E-13 | 2642 | 1.43E-12 | 2744 | 7.54E-13 | 2846 | | 2948 | 2.83E-12 | 3050 | 3.73E-12 | 3152 | 3.69E-12 |
| 2032 | -4.22E-13 | 2134 | 2.08E-13 | 2236 | 6.48E-13 | 2338 | 6.65E-13 | 2440 | 6.14E-13 | 2542 | 3.26E-13 | 2644 | 1.61E-12 | 2746 | 8.18E-13 | 2848 | | 2950 | 2.96E-12 | 3052 | | 3154 | 3.37E-12 |
| 2034 | -5.77E-14 | 2136 | 3.50E-13 | 2238 | 5.29E-13 | 2340 | 5.20E-13 | 2442 | 4.41E-13 | 2544 | 3.55E-13 | 2646 | 1.79E-12 | 2748 | 8.35E-13 | 2850 | | 2952 | 2.77E-12 | 3054 | | 3156 | 3.08E-12 |
| 2036 | 3.12E-13 | 2138 | 4.91E-13 | 2240 | 7.37E-13 | 2342 | 3.59E-13 | 2444 | 3.42E-13 | 2546 | 2.85E-13 | 2648 | 1.63E-12 | 2750 | 8.05E-13 | 2852 | | 2954 | 2.74E-12 | 3056 | | 3158 | 2.94E-12 |
| 2038 | -1.93E-13 | 2140 | 3.44E-14 | 2242 | 5.56E-13 | 2344 | 3.71E-13 | 2446 | 4.27E-13 | 2548 | 3.57E-13 | 2650 | 1.60E-12 | 2752 | 8.38E-13 | 2854 | | 2956 | 2.91E-12 | 3058 | | 3160 | 3.03E-12 |
| 2040 | -2.56E-13 | 2142 | 8.02E-14 | 2244 | 1.87E-13 | 2346 | 2.43E-13 | 2448 | 4.66E-13 | 2550 | 4.04E-13 | 2652 | 1.71E-12 | 2754 | 9.12E-13 | 2856 | 1.08E-12 | 2958 | 3.07E-12 | 3060 | | 3162 | 3.12E-12 |
| 2042 | 6.04E-13 | 2144 | 4.53E-14 | 2246 | 5.25E-13 | 2348 | 2.17E-13 | 2450 | 5.61E-13 | 2552 | 3.79E-13 | 2654 | 1.70E-12 | 2756 | 1.02E-12 | 2858 | 1.21E-12 | 2960 | 3.18E-12 | 3062 | 3.26E-12 | 3164 | 3.35E-12 |
| 2044 | 6.48E-13 | 2146 | 2.57E-13 | 2248 | 9.58E-13 | 2350 | 4.64E-13 | 2452 | 6.06E-13 | 2554 | 4.50E-13 | 2656 | 1.60E-12 | 2758 | 1.06E-12 | 2860 | 1.52E-12 | 2962 | 3.20E-12 | 3064 | 3.32E-12 | 3166 | 3.76E-12 |
| 2046 | -1.08E-13 | 2148 | 7.50E-13 | 2250 | 5.86E-13 | 2352 | 2.76E-13 | 2454 | 5.00E-13 | 2556 | 4.71E-13 | 2658 | 1.69E-12 | 2760 | 1.11E-12 | 2862 | 1.80E-12 | 2964 | 3.19E-12 | 3066 | 3.38E-12 | 3168 | 4.09E-12 |
| 2048 | -5.47E-14 | 2150 | 2.20E-13 | 2252 | 4.94E-13 | 2354 | 1.69E-13 | 2456 | 2.80E-13 | 2558 | 5.23E-13 | 2660 | 1.78E-12 | 2762 | 1.23E-12 | 2864 | 1.99E-12 | 2966 | 3.03E-12 | 3068 | 3.59E-12 | 3170 | 4.43E-12 |
| 2050 | 1.09E-13 | 2152 | 1.27E-13 | 2254 | 1.07E-12 | 2356 | 2.21E-13 | 2458 | 2.04E-13 | 2560 | 4.94E-13 | 2662 | 1.67E-12 | 2764 | 1.39E-12 | 2866 | 2.23E-12 | 2968 | 2.76E-12 | 3070 | 3.60E-12 | 3172 | 4.72E-12 |
| 2052 | 1.98E-13 | 2154 | 7.78E-13 | 2256 | 1.08E-12 | 2358 | 4.85E-13 | 2460 | 2.56E-13 | 2562 | 5.02E-13 | 2664 | 1.70E-12 | 2766 | 1.51E-12 | 2868 | 2.36E-12 | 2970 | 2.63E-12 | 3072 | 3.61E-12 | 3174 | 4.64E-12 |
| 2054 | 5.12E-13 | 2156 | 3.90E-13 | 2258 | 9.26E-13 | 2360 | 5.69E-13 | 2462 | 1.25E-13 | 2564 | 5.72E-13 | 2666 | 1.57E-12 | 2768 | 1.54E-12 | 2870 | 2.31E-12 | 2972 | 2.61E-12 | 3074 | 3.77E-12 | 3176 | 4.30E-12 |
| 2056 | 9.31E-13 | 2158 | 6.26E-14 | 2260 | 4.73E-13 | 2362 | 3.91E-13 | 2464 | 2.00E-13 | 2566 | 6.41E-13 | 2668 | 1.36E-12 | 2770 | 1.53E-12 | 2872 | 2.37E-12 | 2974 | 2.72E-12 | 3076 | 3.85E-12 | 3178 | 3.97E-12 |
| 2058 | 8.10E-13 | 2160 | 3.76E-13 | 2262 | 5.52E-13 | 2364 | 1.86E-13 | 2466 | 2.65E-13 | 2568 | 7.37E-13 | 2670 | 1.39E-12 | 2772 | 1.59E-12 | 2874 | 2.36E-12 | 2976 | 3.02E-12 | 3078 | 3.78E-12 | 3180 | 3.33E-12 |
| 2060 | 1.91E-13 | 2162 | 1.22E-13 | 2264 | 1.01E-12 | 2366 | 3.90E-13 | 2468 | 3.41E-13 | 2570 | 7.18E-13 | 2672 | 1.53E-12 | 2774 | 1.60E-12 | 2876 | 2.37E-12 | 2978 | 3.26E-12 | 3080 | 3.64E-12 | 3182 | 3.09E-12 |
| 2062 | -4.09E-14 | 2164 | 1.12E-13 | 2266 | 9.77E-13 | 2368 | 2.95E-13 | 2470 | 4.55E-13 | 2572 | 7.38E-13 | 2674 | 1.53E-12 | 2776 | 1.56E-12 | 2878 | 2.25E-12 | 2980 | 3.26E-12 | 3082 | 3.63E-12 | 3184 | 3.09E-12 |
| 2064 | 5.74E-15 | 2166 | 8.88E-14 | 2268 | 6.27E-13 | 2370 | 2.93E-13 | 2472 | 3.84E-13 | 2574 | 8.57E-13 | 2676 | 1.42E-12 | 2778 | 1.49E-12 | 2880 | 2.02E-12 | 2982 | 3.03E-12 | 3084 | 3.70E-12 | 3186 | 3.00E-12 |
| 2066 | 3.66E-13 | 2168 | -1.56E-13 | 2270 | 2.81E-13 | 2372 | 4.01E-13 | 2474 | 4.24E-13 | 2576 | 7.97E-13 | 2678 | 1.51E-12 | 2780 | 1.31E-12 | 2882 | 1.84E-12 | 2984 | 2.77E-12 | 3086 | 3.67E-12 | 3188 | 3.30E-12 |
| 2068 | -3.01E-14 | 2170 | 5.43E-13 | 2272 | 3.41E-13 | 2374 | 4.48E-13 | 2476 | 4.27E-13 | 2578 | 8.01E-13 | 2680 | 1.63E-12 | 2782 | 1.09E-12 | 2884 | 1.76E-12 | 2986 | 2.62E-12 | 3088 | 3.67E-12 | 3190 | 3.69E-12 |
| 2070 | -5.32E-14 | 2172 | 3.03E-13 | 2274 | 6.93E-13 | 2376 | 6.72E-13 | 2478 | 5.87E-13 | 2580 | 8.23E-13 | 2682 | 1.66E-12 | 2784 | 1.03E-12 | 2886 | 1.88E-12 | 2988 | 2.68E-12 | 3090 | 3.54E-12 | 3192 | 3.65E-12 |
| 2072 | -4.55E-14 | 2174 | 1.61E-13 | 2276 | 9.03E-13 | 2378 | 4.57E-13 | 2480 | 4.77E-13 | 2582 | 6.82E-13 | 2684 | 1.62E-12 | 2786 | 9.29E-13 | 2888 | 2.13E-12 | 2990 | 2.81E-12 | 3092 | 3.19E-12 | 3194 | 3.62E-12 |
| 2074 | 6.75E-13 | 2176 | 5.97E-13 | 2278 | 2.93E-13 | 2380 | 3.22E-13 | 2482 | 2.90E-13 | 2584 | 7.59E-13 | 2686 | 1.65E-12 | 2788 | 8.58E-13 | 2890 | 2.33E-12 | 2992 | 2.91E-12 | 3094 | 2.95E-12 | 3196 | 3.83E-12 |
| 2076 | 1.70E-12 | 2178 | 5.94E-13 | 2280 | 2.64E-13 | 2382 | 1.84E-13 | 2484 | 2.98E-13 | 2586 | 7.53E-13 | 2688 | 1.67E-12 | 2790 | 8.22E-13 | 2892 | 2.42E-12 | 2994 | 3.03E-12 | 3096 | 2.82E-12 | 3198 | 4.29E-12 |


HD 217877 F8 V
V=6.68 (B-V)=0.58 E(B-V)=0.05
LAP: LWP 8812
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
1
2
3
4
5
6
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 136202 F8 IV-V V=5.06 (B-V)=0.54 E(B-V)=0.03

LAP: LWP 12510

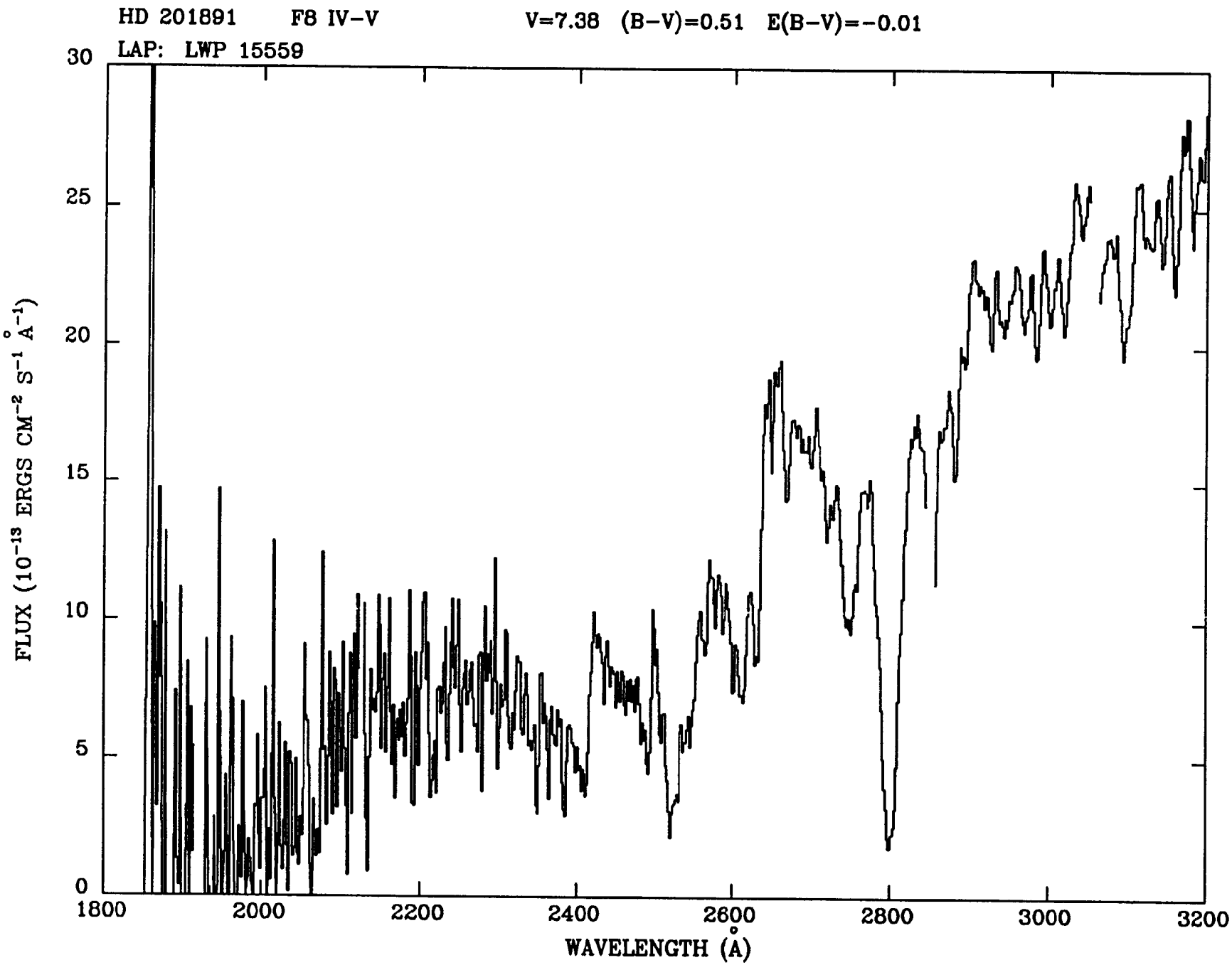
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.02E-12 | 2078 | 2.97E-12 | 2180 | 2.18E-12 | 2282 | 2.64E-12 | 2384 | 8.10E-13 | 2486 | 1.96E-12 | 2588 | 3.08E-12 | 2690 | 6.62E-12 | 2792 | 2.55E-12 | 2894 | 1.11E-11 | 2996 | 1.26E-11 | 3098 | 1.23E-11 |
| 1978 | 6.49E-13 | 2080 | 1.64E-13 | 2182 | 1.86E-12 | 2284 | 2.83E-12 | 2386 | 9.53E-13 | 2488 | 1.96E-12 | 2590 | 3.38E-12 | 2692 | 6.29E-12 | 2794 | 2.01E-12 | 2896 | 1.14E-11 | 2998 | 1.26E-11 | 3100 | 1.28E-11 |
| 1980 | -1.37E-12 | 2082 | -4.76E-13 | 2184 | 1.65E-12 | 2286 | 2.95E-12 | 2388 | 1.40E-12 | 2490 | 1.85E-12 | 2592 | 3.58E-12 | 2694 | 6.44E-12 | 2796 | 1.71E-12 | 2898 | 1.27E-11 | 3000 | 1.20E-11 | 3102 | 1.40E-11 |
| 1982 | -4.74E-13 | 2084 | 1.21E-12 | 2186 | 2.34E-12 | 2288 | 2.02E-12 | 2390 | 1.85E-12 | 2492 | 1.94E-12 | 2594 | 3.39E-12 | 2696 | 7.04E-12 | 2798 | 1.53E-12 | 2900 | 1.38E-11 | 3002 | 1.13E-11 | 3104 | 1.52E-11 |
| 1984 | 7.60E-13 | 2086 | 2.19E-12 | 2188 | 4.03E-12 | 2290 | 1.92E-12 | 2392 | 1.71E-12 | 2494 | 2.08E-12 | 2596 | 2.98E-12 | 2698 | 6.45E-12 | 2800 | 1.68E-12 | 2902 | 1.43E-11 | 3004 | 1.14E-11 | 3106 | 1.60E-11 |
| 1986 | 5.05E-13 | 2088 | 1.42E-12 | 2190 | 1.96E-12 | 2292 | 1.55E-12 | 2394 | 1.60E-12 | 2496 | 2.19E-12 | 2598 | 2.60E-12 | 2700 | 6.62E-12 | 2802 | 1.81E-12 | 2904 | 1.42E-11 | 3006 | 1.19E-11 | 3108 | 1.65E-11 |
| 1988 | 5.34E-13 | 2090 | 5.38E-13 | 2192 | 1.02E-12 | 2294 | 2.62E-12 | 2396 | 1.80E-12 | 2498 | 2.65E-12 | 2600 | 2.12E-12 | 2702 | 7.14E-12 | 2804 | 1.95E-12 | 2906 | 1.43E-11 | 3008 | 1.23E-11 | 3110 | 1.67E-11 |
| 1990 | 1.99E-13 | 2092 | 2.81E-12 | 2194 | 2.21E-12 | 2296 | 3.96E-12 | 2398 | 1.64E-12 | 2500 | 2.41E-12 | 2602 | 2.07E-12 | 2704 | 7.53E-12 | 2806 | 2.41E-12 | 2908 | 1.39E-11 | 3010 | 1.35E-11 | 3112 | 1.65E-11 |
| 1992 | 8.96E-13 | 2094 | 2.86E-12 | 2196 | 1.79E-12 | 2298 | 2.65E-12 | 2400 | 1.63E-12 | 2502 | 2.52E-12 | 2604 | 2.48E-12 | 2706 | 7.55E-12 | 2808 | 2.98E-12 | 2910 | 1.38E-11 | 3012 | 1.40E-11 | 3114 | 1.62E-11 |
| 1994 | 1.05E-12 | 2096 | 1.96E-12 | 2198 | 1.95E-12 | 2300 | 2.17E-12 | 2402 | 1.36E-12 | 2504 | 2.65E-12 | 2606 | 2.64E-12 | 2708 | 7.28E-12 | 2810 | 3.82E-12 | 2912 | 1.36E-11 | 3014 | 1.34E-11 | 3116 | 1.55E-11 |
| 1996 | 1.63E-12 | 2098 | 3.49E-12 | 2200 | 2.12E-12 | 2302 | 2.60E-12 | 2404 | 1.35E-12 | 2506 | 2.12E-12 | 2608 | 2.48E-12 | 2710 | 7.16E-12 | 2812 | 4.80E-12 | 2914 | 1.34E-11 | 3016 | 1.26E-11 | 3118 | 1.46E-11 |
| 1998 | 4.95E-13 | 2100 | 2.31E-12 | 2202 | 2.36E-12 | 2304 | 2.24E-12 | 2406 | 8.25E-13 | 2508 | 2.20E-12 | 2610 | 2.34E-12 | 2712 | 6.97E-12 | 2814 | 5.33E-12 | 2916 | 1.31E-11 | 3018 | 1.20E-11 | 3120 | 1.44E-11 |
| 2000 | 5.10E-13 | 2102 | 2.17E-12 | 2204 | 3.38E-12 | 2306 | 1.79E-12 | 2408 | 1.17E-12 | 2510 | 2.71E-12 | 2612 | 2.27E-12 | 2714 | 6.83E-12 | 2816 | 5.97E-12 | 2918 | 1.26E-11 | 3020 | 1.22E-11 | 3122 | 1.46E-11 |
| 2002 | 3.44E-13 | 2104 | 1.94E-12 | 2206 | 3.30E-12 | 2308 | 2.67E-12 | 2410 | 1.43E-12 | 2512 | 2.44E-12 | 2614 | 2.23E-12 | 2716 | 6.90E-12 | 2818 | 6.85E-12 | 2920 | 1.23E-11 | 3022 | 1.31E-11 | 3124 | 1.52E-11 |
| 2004 | 1.95E-12 | 2106 | 9.53E-13 | 2208 | 2.76E-12 | 2310 | 3.15E-12 | 2412 | 1.32E-12 | 2514 | 1.77E-12 | 2616 | 2.38E-12 | 2718 | 6.51E-12 | 2820 | 7.34E-12 | 2922 | 1.25E-11 | 3024 | 1.44E-11 | 3126 | 1.55E-11 |
| 2006 | 3.06E-13 | 2108 | 4.73E-13 | 2210 | 3.39E-12 | 2312 | 1.97E-12 | 2414 | 1.48E-12 | 2516 | 1.81E-12 | 2618 | 2.82E-12 | 2720 | 5.90E-12 | 2822 | 8.10E-12 | 2924 | 1.19E-11 | 3026 | 1.55E-11 | 3128 | 1.57E-11 |
| 2008 | -1.80E-12 | 2110 | 1.42E-12 | 2212 | 1.80E-12 | 2314 | 1.46E-12 | 2416 | 1.67E-12 | 2518 | 1.99E-12 | 2620 | 3.15E-12 | 2722 | 6.03E-12 | 2824 | 8.66E-12 | 2926 | 1.16E-11 | 3028 | 1.58E-11 | 3130 | 1.61E-11 |
| 2010 | -4.94E-13 | 2112 | 2.53E-12 | 2214 | 1.39E-12 | 2316 | 1.59E-12 | 2418 | 2.12E-12 | 2520 | 1.45E-12 | 2622 | 3.31E-12 | 2724 | 6.49E-12 | 2826 | 8.64E-12 | 2928 | 1.23E-11 | 3030 | 1.62E-11 | 3132 | 1.68E-11 |
| 2012 | -8.78E-13 | 2114 | 1.37E-12 | 2216 | 1.63E-12 | 2318 | 2.30E-12 | 2420 | 2.58E-12 | 2522 | 1.22E-12 | 2624 | 3.27E-12 | 2726 | 6.58E-12 | 2828 | 8.88E-12 | 2930 | 1.29E-11 | 3032 | 1.61E-11 | 3134 | 1.73E-11 |
| 2014 | 2.05E-12 | 2116 | 3.67E-12 | 2218 | 1.24E-12 | 2320 | 2.34E-12 | 2422 | 3.0[illegible]E-12 | 2524 | 1.34E-12 | 2626 | 3.11E-12 | 2728 | 6.43E-12 | 2830 | 9.00E-12 | 2932 | 1.34E-11 | 3034 | 1.51E-11 | 3136 | 1.76E-11 |
| 2016 | 2.81E-12 | 2118 | 3.96E-12 | 2220 | 8.56E-13 | 2322 | 2.07E-12 | 2424 | 3.28E-12 | 2526 | 1.57E-12 | 2628 | 2.78E-12 | 2730 | 6.83E-12 | 2832 | 8.94E-12 | 2934 | 1.34E-11 | 3036 | 1.46E-11 | 3138 | 1.75E-11 |
| 2018 | -1.61E-13 | 2120 | 3.46E-12 | 2222 | 1.33E-12 | 2324 | 2.58E-12 | 2426 | 3.04E-12 | 2528 | 1.57E-12 | 2630 | 2.74E-12 | 2732 | 6.76E-12 | 2834 | 8.98E-12 | 2936 | 1.29E-11 | 3038 | 1.42E-11 | 3140 | 1.68E-11 |
| 2020 | -6.14E-13 | 2122 | 4.88E-12 | 2224 | 2.15E-12 | 2326 | 2.69E-12 | 2428 | 3.04E-12 | 2530 | 1.42E-12 | 2632 | 3.05E-12 | 2734 | 6.30E-12 | 2836 | 8.49E-12 | 2938 | 1.27E-11 | 3040 | 1.43E-11 | 3142 | 1.59E-11 |
| 2022 | 1.31E-12 | 2124 | 1.39E-12 | 2226 | 2.22E-12 | 2328 | 1.62E-12 | 2430 | 3.01E-12 | 2532 | 1.72E-12 | 2634 | 3.99E-12 | 2736 | 5.70E-12 | 2838 | 8.34E-12 | 2940 | 1.23E-11 | 3042 | 1.46E-11 | 3144 | 1.54E-11 |
| 2024 | 2.26E-12 | 2126 | 2.71E-12 | 2228 | 2.19E-12 | 2330 | 1.54E-12 | 2432 | 2.59E-12 | 2534 | 2.33E-12 | 2636 | 5.47E-12 | 2738 | 4.95E-12 | 2840 | 8.79E-12 | 2942 | 1.20E-11 | 3044 | 1.48E-11 | 3146 | 1.58E-11 |
| 2026 | 1.52E-12 | 2128 | 5.80E-12 | 2230 | 2.52E-12 | 2332 | 1.68E-12 | 2434 | 2.37E-12 | 2536 | 1.87E-12 | 2638 | 6.48E-12 | 2740 | 4.33E-12 | 2842 | 8.57E-12 | 2944 | 1.20E-11 | 3046 | 1.49E-11 | 3148 | 1.65E-11 |
| 2028 | 9.85E-13 | 2130 | 3.27E-12 | 2232 | 2.67E-12 | 2334 | 2.19E-12 | 2436 | 1.82E-12 | 2538 | 1.55E-12 | 2640 | 7.15E-12 | 2742 | 3.99E-12 | 2844 | 8.13E-12 | 2946 | 1.20E-11 | 3048 | 1.52E-11 | 3150 | 1.69E-11 |
| 2030 | 7.06E-13 | 2132 | 6.44E-13 | 2234 | 1.76E-12 | 2336 | 2.43E-12 | 2438 | 2.15E-12 | 2540 | 1.67E-12 | 2642 | 7.49E-12 | 2744 | 3.89E-12 | 2846 | 7.85E-12 | 2948 | 1.20E-11 | 3050 | 1.52E-11 | 3152 | 1.66E-11 |
| 2032 | 6.52E-13 | 2134 | 2.18E-13 | 2236 | 1.78E-12 | 2338 | 2.28E-12 | 2440 | 2.55E-12 | 2542 | 1.92E-12 | 2644 | | 2746 | 3.93E-12 | 2848 | | 2950 | 1.21E-11 | 3052 | 1.51E-11 | 3154 | 1.49E-11 |
| 2034 | 2.81E-13 | 2136 | 1.79E-12 | 2238 | 2.46E-12 | 2340 | 1.86E-12 | 2442 | 2.33E-12 | 2544 | 2.11E-12 | 2646 | | 2748 | 3.74E-12 | 2850 | | 2952 | 1.27E-11 | 3054 | | 3156 | 1.36E-11 |
| 2036 | -2.80E-15 | 2138 | 2.95E-12 | 2240 | 3.04E-12 | 2342 | 1.10E-12 | 2444 | 1.97E-12 | 2546 | 1.83E-12 | 2648 | | 2750 | 3.64E-12 | 2852 | | 2954 | 1.30E-11 | 3056 | | 3158 | 1.33E-11 |
| 2038 | -4.72E-13 | 2140 | 2.12E-12 | 2242 | 2.69E-12 | 2344 | 8.58E-13 | 2446 | 2.27E-12 | 2548 | 1.85E-12 | 2650 | 6.77E-12 | 2752 | 3.99E-12 | 2854 | | 2956 | 1.39E-11 | 3058 | | 3160 | 1.35E-11 |
| 2040 | -8.63E-13 | 2142 | 2.42E-12 | 2244 | 1.76E-12 | 2346 | 9.31E-13 | 2448 | 2.16E-12 | 2550 | 2.08E-12 | 2652 | 7.04E-12 | 2754 | 4.53E-12 | 2856 | 6.94E-12 | 2958 | 1.46E-11 | 3060 | | 3162 | 1.43E-11 |
| 2042 | 5.75E-13 | 2144 | 2.05E-12 | 2246 | 2.42E-12 | 2348 | 1.04E-12 | 2450 | 1.88E-12 | 2552 | 2.16E-12 | 2654 | 7.37E-12 | 2756 | 4.76E-12 | 2858 | 7.59E-12 | 2960 | 1.44E-11 | 3062 | 1.26E-11 | 3164 | 1.57E-11 |
| 2044 | 1.50E-12 | 2146 | 2.70E-12 | 2248 | 3.38E-12 | 2350 | 1.29E-12 | 2452 | 1.81E-12 | 2554 | 2.31E-12 | 2656 | 7.56E-12 | 2758 | 5.25E-12 | 2860 | 8.85E-12 | 2962 | 1.37E-11 | 3064 | 1.28E-11 | 3166 | 1.73E-11 |
| 2046 | 9.80E-14 | 2148 | 3.53E-12 | 2250 | 3.05E-12 | 2352 | 1.56E-12 | 2454 | 1.94E-12 | 2556 | 2.58E-12 | 2658 | 8.24E-12 | 2760 | 5.77E-12 | 2862 | 9.69E-12 | 2964 | 1.28E-11 | 3066 | 1.36E-11 | 3168 | 1.81E-11 |
| 2048 | 3.38E-13 | 2150 | 2.39E-12 | 2252 | 2.44E-12 | 2354 | 1.63E-12 | 2456 | 1.86E-12 | 2558 | 3.05E-12 | 2660 | 8.62E-12 | 2762 | 6.10E-12 | 2864 | 9.26E-12 | 2966 | 1.21E-11 | 3068 | 1.43E-11 | 3170 | 1.83E-11 |
| 2050 | -1.74E-13 | 2152 | 1.27E-12 | 2254 | 2.97E-12 | 2356 | 1.76E-12 | 2458 | 1.83E-12 | 2560 | 3.06E-12 | 2662 | 7.53E-12 | 2764 | 6.51E-12 | 2866 | 8.98E-12 | 2968 | 1.21E-11 | 3070 | 1.49E-11 | 3172 | 1.81E-11 |
| 2052 | 2.16E-14 | 2154 | 3.52E-12 | 2256 | 3.25E-12 | 2358 | 1.80E-12 | 2460 | 1.66E-12 | 2562 | 2.87E-12 | 2664 | 6.42E-12 | 2766 | 6.72E-12 | 2868 | 8.82E-12 | 2970 | 1.25E-11 | 3072 | 1.52E-11 | 3174 | 1.75E-11 |
| 2054 | 1.45E-12 | 2156 | 2.69E-12 | 2258 | 2.75E-12 | 2360 | 1.98E-12 | 2462 | 1.47E-12 | 2564 | 2.78E-12 | 2666 | 6.36E-12 | 2768 | 6.70E-12 | 2870 | 8.54E-12 | 2972 | 1.32E-11 | 3074 | 1.56E-11 | 3176 | 1.64E-11 |
| 2056 | 1.81E-12 | 2158 | 1.78E-12 | 2260 | 1.56E-12 | 2362 | 1.60E-12 | 2464 | 1.56E-12 | 2566 | 2.93E-12 | 2668 | 6.48E-12 | 2770 | 6.64E-12 | 2872 | 8.75E-12 | 2974 | 1.34E-11 | 3076 | 1.54E-11 | 3178 | 1.57E-11 |
| 2058 | 2.56E-12 | 2160 | 2.90E-12 | 2262 | 1.94E-12 | 2364 | 1.10E-12 | 2466 | 2.15E-12 | 2568 | 3.63E-12 | 2670 | 6.67E-12 | 2772 | 6.81E-12 | 2874 | 9.29E-12 | 2976 | 1.36E-11 | 3078 | 1.51E-11 | 3180 | 1.56E-11 |
| 2060 | 2.41E-12 | 2162 | 1.86E-12 | 2264 | 3.38E-12 | 2366 | 1.81E-12 | 2468 | 2.24E-12 | 2570 | 3.99E-12 | 2672 | 6.77E-12 | 2774 | 6.95E-12 | 2876 | 9.22E-12 | 2978 | 1.34E-11 | 3080 | 1.49E-11 | 3182 | 1.64E-11 |
| 2062 | 3.60E-14 | 2164 | 1.18E-12 | 2266 | 2.50E-12 | 2368 | 2.17E-12 | 2470 | 2.39E-12 | 2572 | 4.03E-12 | 2674 | 7.26E-12 | 2776 | 6.74E-12 | 2878 | 9.00E-12 | 2980 | 1.22E-11 | 3082 | 1.52E-11 | 3184 | 1.78E-11 |
| 2064 | -9.47E-13 | 2166 | 1.21E-12 | 2268 | 1.27E-12 | 2370 | 1.62E-12 | 2472 | 2.10E-12 | 2574 | 3.96E-12 | 2676 | 7.39E-12 | 2778 | 5.99E-12 | 2880 | 8.29E-12 | 2982 | 1.10E-11 | 3084 | 1.54E-11 | 3186 | 1.79E-11 |
| 2066 | 7.24E-13 | 2168 | 1.26E-12 | 2270 | 1.15E-12 | 2372 | 1.59E-12 | 2474 | 2.22E-12 | 2576 | 3.58E-12 | 2678 | 7.19E-12 | 2780 | 5.23E-12 | 2882 | 8.22E-12 | 2984 | 1.07E-11 | 3086 | 1.52E-11 | 3188 | 1.78E-11 |
| 2068 | 1.29E-12 | 2170 | 2.65E-12 | 2272 | 9.26E-13 | 2374 | 1.64E-12 | 2476 | 2.10E-12 | 2578 | 3.48E-12 | 2680 | 6.91E-12 | 2782 | 5.04E-12 | 2884 | 9.41E-12 | 2986 | 1.12E-11 | 3088 | 1.45E-11 | 3190 | 1.78E-11 |
| 2070 | -5.21E-13 | 2172 | 1.29E-12 | 2274 | 9.28E-13 | 2376 | 2.05E-12 | 2478 | 2.38E-12 | 2580 | 4.23E-12 | 2682 | 6.92E-12 | 2784 | 5.00E-12 | 2886 | 1.04E-11 | 2988 | 1.25E-11 | 3090 | 1.38E-11 | 3192 | 1.77E-11 |
| 2072 | -2.40E-13 | 2174 | 9.76E-13 | 2276 | 1.69E-12 | 2378 | 1.49E-12 | 2480 | 2.08E-12 | 2582 | 4.09E-12 | 2684 | 7.22E-12 | 2786 | 4.62E-12 | 2888 | 1.08E-11 | 2990 | 1.33E-11 | 3092 | 1.27E-11 | 3194 | 1.78E-11 |
| 2074 | 2.19E-13 | 2176 | 3.12E-12 | 2278 | 1.07E-12 | 2380 | 1.27E-12 | 2482 | 1.42E-12 | 2584 | 3.52E-12 | 2686 | 7.19E-12 | 2788 | 4.19E-12 | 2890 | 1.08E-11 | 2992 | 1.30E-11 | 3094 | 1.23E-11 | 3196 | 1.86E-11 |
| 2076 | 3.07E-12 | 2178 | 3.22E-12 | 2280 | 9.26E-13 | 2382 | 9.52E-13 | 2484 | 1.76E-12 | 2586 | 3.17E-12 | 2688 | 6.98E-12 | 2790 | 3.40E-12 | 2892 | 1.10E-11 | 2994 | 1.28E-11 | 3096 | 1.25E-11 | 3198 | 1.95E-11 |


HD 136202 F8 IV-V V=5.06 (B-V)=0.54 E(B-V)=0.03
LAP: LWP 12510
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

HD 201891 F8 IV-V V=7.38 (B-V)=0.51 E(B-V)=-0.01

LAP: LWP 15559

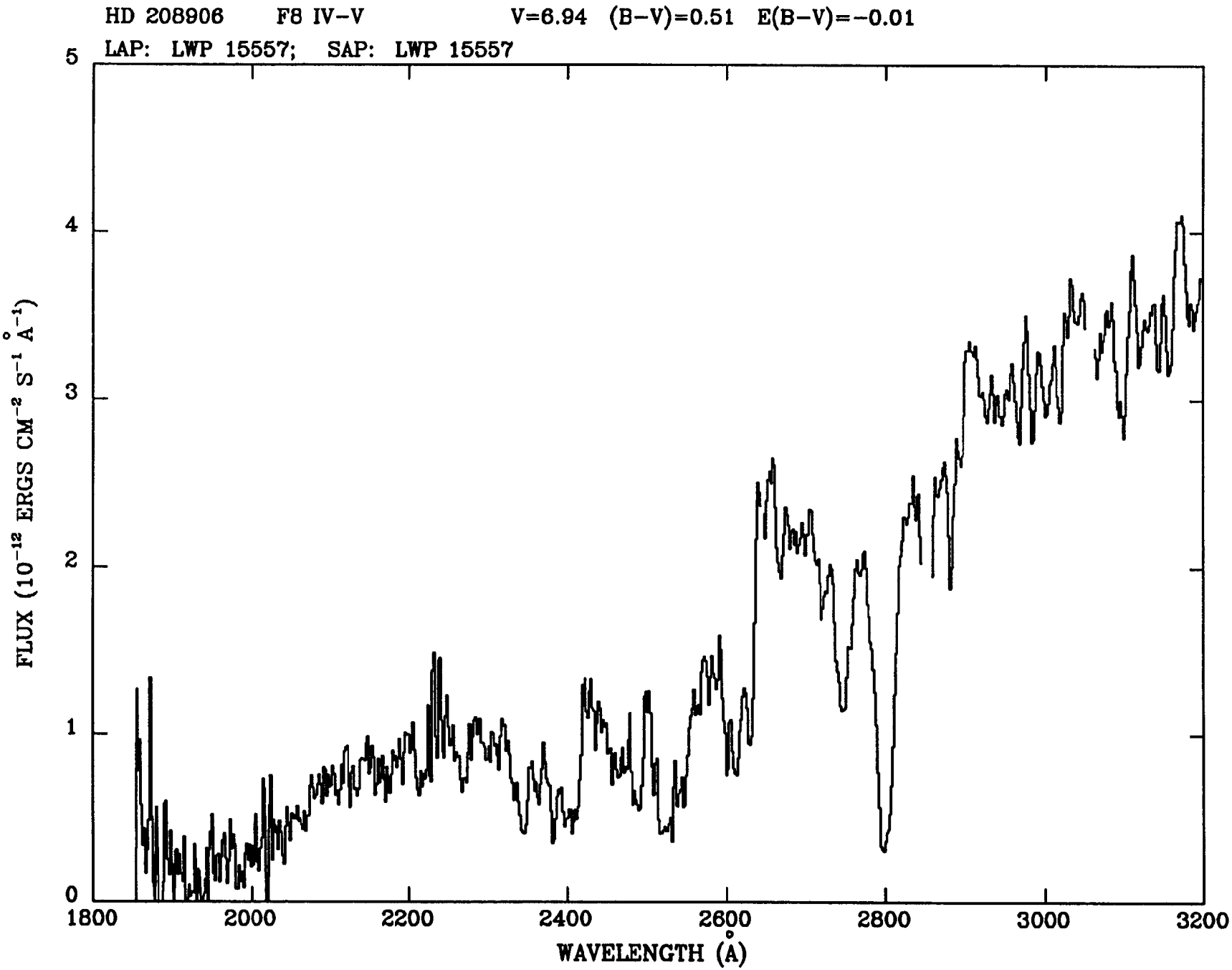
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.45E-13 | 2078 | 8.88E-13 | 2180 | 6.82E-13 | 2282 | 9.75E-13 | 2384 | 3.12E-13 | 2486 | 5.87E-13 | 2588 | 9.77E-13 | 2690 | 1.63E-12 | 2792 | 4.57E-13 | 2894 | 1.93E-12 | 2996 | 2.25E-12 | 3098 | 2.08E-12 |
| 1978 | 4.42E-13 | 2080 | 5.35E-13 | 2182 | 5.26E-13 | 2284 | 8.63E-13 | 2386 | 3.45E-13 | 2488 | 6.02E-13 | 2590 | 1.06E-12 | 2692 | 1.62E-12 | 2794 | 3.61E-13 | 2896 | 1.96E-12 | 2998 | 2.17E-12 | 3100 | 2.10E-12 |
| 1980 | 7.39E-14 | 2082 | 3.58E-13 | 2184 | 6.49E-13 | 2286 | 8.56E-13 | 2388 | 5.36E-13 | 2490 | 5.04E-13 | 2592 | 1.13E-12 | 2694 | 1.62E-12 | 2796 | 2.67E-13 | 2898 | 2.09E-12 | 3000 | 2.10E-12 | 3102 | 2.14E-12 |
| 1982 | 5.01E-14 | 2084 | 4.30E-13 | 2186 | 8.33E-13 | 2288 | 8.23E-13 | 2390 | 6.21E-13 | 2492 | 4.53E-13 | 2594 | 1.08E-12 | 2696 | 1.66E-12 | 2798 | 1.95E-13 | 2900 | 2.21E-12 | 3002 | 2.08E-12 | 3104 | 2.22E-12 |
| 1984 | 1.84E-13 | 2086 | 7.87E-13 | 2188 | 1.02E-12 | 2290 | 9.17E-13 | 2392 | 6.18E-13 | 2494 | 5.39E-13 | 2596 | 1.02E-12 | 2698 | 1.58E-12 | 2800 | 2.15E-13 | 2902 | 2.26E-12 | 3004 | 2.14E-12 | 3106 | 2.39E-12 |
| 1986 | 1.41E-13 | 2088 | 7.28E-13 | 2190 | 6.31E-13 | 2292 | 6.78E-13 | 2394 | 5.83E-13 | 2496 | 7.72E-13 | 2598 | 9.52E-13 | 2700 | 1.58E-12 | 2802 | 2.32E-13 | 2904 | 2.32E-12 | 3006 | 2.21E-12 | 3108 | 2.54E-12 |
| 1988 | 4.31E-14 | 2090 | 3.37E-13 | 2192 | 3.35E-13 | 2294 | 8.13E-13 | 2396 | 5.53E-13 | 2498 | 1.03E-12 | 2600 | 7.90E-13 | 2702 | 1.64E-12 | 2804 | 2.53E-13 | 2906 | 2.29E-12 | 3008 | 2.22E-12 | 3110 | 2.59E-12 |
| 1990 | 6.06E-16 | 2092 | 7.96E-13 | 2194 | 6.36E-13 | 2296 | 1.16E-12 | 2398 | 4.87E-13 | 2500 | 9.44E-13 | 2602 | 7.50E-13 | 2704 | 1.72E-12 | 2806 | 3.17E-13 | 2908 | 2.24E-12 | 3010 | 2.26E-12 | 3112 | 2.59E-12 |
| 1992 | 3.28E-13 | 2094 | 7.37E-13 | 2196 | 8.07E-13 | 2298 | 7.18E-13 | 2400 | 5.21E-13 | 2502 | 8.64E-13 | 2604 | 8.93E-13 | 2706 | 1.75E-12 | 2808 | 4.82E-13 | 2910 | 2.21E-12 | 3012 | 2.32E-12 | 3114 | 2.60E-12 |
| 1994 | 3.88E-13 | 2096 | 3.84E-13 | 2198 | 5.63E-13 | 2300 | 5.03E-13 | 2402 | 4.78E-13 | 2504 | 8.38E-13 | 2606 | 9.02E-13 | 2708 | 1.67E-12 | 2810 | 7.33E-13 | 2912 | 2.21E-12 | 3014 | 2.22E-12 | 3116 | 2.53E-12 |
| 1996 | 4.74E-13 | 2098 | 7.02E-13 | 2200 | 6.83E-13 | 2302 | 6.69E-13 | 2404 | 4.74E-13 | 2506 | 6.75E-13 | 2608 | 8.04E-13 | 2710 | 1.60E-12 | 2812 | 8.96E-13 | 2914 | 2.21E-12 | 3016 | 2.15E-12 | 3118 | 2.42E-12 |
| 1998 | 1.78E-13 | 2100 | 5.60E-13 | 2202 | 8.57E-13 | 2304 | 7.39E-13 | 2406 | 3.90E-13 | 2508 | 5.76E-13 | 2610 | 7.35E-13 | 2712 | 1.53E-12 | 2814 | 9.94E-13 | 2916 | 2.21E-12 | 3018 | 2.10E-12 | 3120 | 2.38E-12 |
| 2000 | 2.50E-13 | 2102 | 6.13E-13 | 2204 | 1.04E-12 | 2306 | 7.02E-13 | 2408 | 4.62E-13 | 2510 | 6.26E-13 | 2612 | 7.33E-13 | 2714 | 1.54E-12 | 2816 | 1.14E-12 | 2918 | 2.16E-12 | 3020 | 2.06E-12 | 3122 | 2.41E-12 |
| 2002 | 3.52E-13 | 2104 | 7.46E-13 | 2206 | 1.10E-12 | 2308 | 8.53E-13 | 2410 | 4.35E-13 | 2512 | 6.68E-13 | 2614 | 7.23E-13 | 2716 | 1.51E-12 | 2818 | 1.30E-12 | 2920 | 2.19E-12 | 3022 | 2.13E-12 | 3124 | 2.40E-12 |
| 2004 | 4.44E-13 | 2106 | 4.32E-13 | 2208 | 7.94E-13 | 2310 | 9.60E-13 | 2412 | 3.75E-13 | 2514 | 5.26E-13 | 2616 | 7.95E-13 | 2718 | 1.39E-12 | 2820 | 1.40E-12 | 2922 | 2.18E-12 | 3024 | 2.22E-12 | 3126 | 2.39E-12 |
| 2006 | 7.01E-13 | 2108 | 1.90E-13 | 2210 | 8.70E-13 | 2312 | 7.61E-13 | 2414 | 4.38E-13 | 2516 | 4.35E-13 | 2618 | 9.31E-13 | 2720 | 1.30E-12 | 2822 | 1.54E-12 | 2924 | 2.11E-12 | 3026 | 2.32E-12 | 3128 | 2.37E-12 |
| 2008 | 1.61E-14 | 2110 | 4.59E-13 | 2212 | 5.47E-13 | 2314 | 5.83E-13 | 2416 | 5.98E-13 | 2518 | 3.30E-13 | 2620 | 1.05E-12 | 2722 | 1.35E-12 | 2824 | 1.64E-12 | 2926 | 2.01E-12 | 3028 | 2.37E-12 | 3130 | 2.36E-12 |
| 2010 | 2.15E-13 | 2112 | 8.17E-13 | 2214 | 3.75E-13 | 2316 | 5.43E-13 | 2418 | 7.66E-13 | 2520 | 2.28E-13 | 2622 | 1.10E-12 | 2724 | 1.42E-12 | 2826 | 1.65E-12 | 2928 | 2.02E-12 | 3030 | 2.50E-12 | 3132 | 2.40E-12 |
| 2012 | 1.72E-13 | 2114 | 4.44E-13 | 2216 | 4.52E-13 | 2318 | 6.48E-13 | 2420 | 8.65E-13 | 2522 | 3.01E-13 | 2624 | 1.08E-12 | 2726 | 1.40E-12 | 2828 | 1.66E-12 | 2930 | 2.16E-12 | 3032 | 2.59E-12 | 3134 | 2.50E-12 |
| 2014 | 7.45E-13 | 2116 | 6.33E-13 | 2218 | 5.33E-13 | 2320 | 6.10E-13 | 2422 | 9.84E-13 | 2524 | 3.35E-13 | 2626 | 1.02E-12 | 2728 | 1.39E-12 | 2830 | 1.70E-12 | 2932 | 2.27E-12 | 3034 | 2.57E-12 | 3136 | 2.54E-12 |
| 2016 | 9.59E-13 | 2118 | 9.15E-13 | 2220 | 4.79E-13 | 2322 | 7.53E-13 | 2424 | 9.82E-13 | 2526 | 3.43E-13 | 2628 | 8.90E-13 | 2730 | 1.46E-12 | 2832 | 1.68E-12 | 2934 | 2.23E-12 | 3036 | 2.53E-12 | 3138 | 2.51E-12 |
| 2018 | 1.88E-13 | 2120 | 5.91E-13 | 2222 | 5.83E-13 | 2324 | 8.70E-13 | 2426 | 9.21E-13 | 2528 | 3.60E-13 | 2630 | 8.70E-13 | 2732 | 1.50E-12 | 2834 | 1.75E-12 | 2936 | 2.12E-12 | 3038 | 2.49E-12 | 3140 | 2.43E-12 |
| 2020 | 1.05E-13 | 2122 | 1.08E-12 | 2224 | 7.57E-13 | 2326 | 8.53E-13 | 2428 | 9.40E-13 | 2530 | 3.67E-13 | 2632 | 8.62E-13 | 2734 | 1.46E-12 | 2836 | 1.71E-12 | 2938 | 2.10E-12 | 3040 | 2.41E-12 | 3142 | 2.33E-12 |
| 2022 | 4.45E-13 | 2124 | 8.24E-13 | 2226 | 6.99E-13 | 2328 | 7.90E-13 | 2430 | 9.46E-13 | 2532 | 4.38E-13 | 2634 | 1.03E-12 | 2736 | 1.36E-12 | 2838 | 1.64E-12 | 2940 | 2.09E-12 | 3042 | 2.41E-12 | 3144 | 2.31E-12 |
| 2024 | 3.57E-13 | 2126 | | 2228 | 6.90E-13 | 2330 | 6.02E-13 | 2432 | 8.97E-13 | 2534 | 6.14E-13 | 2636 | 1.34E-12 | 2738 | 1.25E-12 | 2840 | 1.63E-12 | 2942 | 2.06E-12 | 3044 | 2.46E-12 | 3146 | 2.39E-12 |
| 2026 | 1.24E-13 | 2128 | | 2230 | 8.17E-13 | 2332 | 6.48E-13 | 2434 | 8.54E-13 | 2536 | 5.80E-13 | 2638 | 1.69E-12 | 2740 | 1.13E-12 | 2842 | 1.61E-12 | 2944 | 2.09E-12 | 3046 | 2.51E-12 | 3148 | 2.53E-12 |
| 2028 | 2.29E-13 | 2130 | 8.95E-13 | 2232 | 9.58E-13 | 2334 | 7.69E-13 | 2436 | 7.18E-13 | 2538 | 5.49E-13 | 2640 | 1.79E-12 | 2742 | 1.04E-12 | 2844 | 1.52E-12 | 2946 | 2.08E-12 | 3048 | 2.57E-12 | 3150 | 2.61E-12 |
| 2030 | 4.98E-13 | 2132 | 4.66E-13 | 2234 | 5.79E-13 | 2336 | 7.68E-13 | 2438 | 8.81E-13 | 2540 | 5.63E-13 | 2642 | 1.76E-12 | 2744 | 9.96E-13 | 2846 | 1.42E-12 | 2948 | 2.10E-12 | 3050 | 2.57E-12 | 3152 | 2.62E-12 |
| 2032 | 2.38E-13 | 2134 | 1.96E-13 | 2236 | 5.08E-13 | 2338 | 6.23E-13 | 2440 | 9.16E-13 | 2542 | 5.96E-13 | 2644 | 1.82E-12 | 2746 | 1.01E-12 | 2848 | | 2950 | 2.17E-12 | 3052 | 2.53E-12 | 3154 | 2.47E-12 |
| 2034 | 2.38E-14 | 2136 | 3.18E-13 | 2238 | 7.62E-13 | 2340 | 5.62E-13 | 2442 | 8.21E-13 | 2544 | 6.46E-13 | 2646 | 1.80E-12 | 2748 | 9.83E-13 | 2850 | | 2952 | 2.17E-12 | 3054 | | 3156 | 2.33E-12 |
| 2036 | 5.18E-13 | 2138 | 6.95E-13 | 2240 | 9.53E-13 | 2342 | 5.44E-13 | 2444 | 7.87E-13 | 2546 | 5.63E-13 | 2648 | 1.61E-12 | 2750 | 9.61E-13 | 2852 | | 2954 | 2.20E-12 | 3056 | | 3158 | 2.22E-12 |
| 2038 | 4.30E-13 | 2140 | 7.27E-13 | 2242 | 1.02E-12 | 2344 | 5.58E-13 | 2446 | 8.32E-13 | 2548 | 6.16E-13 | 2650 | 1.64E-12 | 2752 | 1.03E-12 | 2854 | | 2956 | 2.23E-12 | 3058 | | 3160 | 2.23E-12 |
| 2040 | 1.51E-13 | 2142 | 7.05E-13 | 2244 | 8.03E-13 | 2346 | 6.15E-13 | 2448 | 8.18E-13 | 2550 | 6.80E-13 | 2652 | 1.83E-12 | 2754 | 1.12E-12 | 2856 | 1.14E-12 | 2958 | 2.30E-12 | 3060 | | 3162 | 2.36E-12 |
| 2042 | 2.55E-13 | 2144 | 6.77E-13 | 2246 | 8.18E-13 | 2348 | 3.61E-13 | 2450 | 7.50E-13 | 2552 | 7.32E-13 | 2654 | 1.88E-12 | 2756 | 1.13E-12 | 2858 | 1.34E-12 | 2960 | 2.28E-12 | 3062 | 2.21E-12 | 3164 | 2.54E-12 |
| 2044 | 3.77E-13 | 2146 | 7.27E-13 | 2248 | 9.85E-13 | 2350 | 3.13E-13 | 2452 | 7.61E-13 | 2554 | 8.71E-13 | 2656 | 1.86E-12 | 2758 | 1.16E-12 | 2860 | 1.59E-12 | 2962 | 2.25E-12 | 3064 | 2.18E-12 | 3166 | 2.71E-12 |
| 2046 | 1.37E-13 | 2148 | 1.07E-12 | 2250 | 8.86E-13 | 2352 | 5.09E-13 | 2454 | 7.95E-13 | 2556 | 9.65E-13 | 2658 | 1.91E-12 | 2760 | 1.32E-12 | 2862 | 1.69E-12 | 2964 | 2.17E-12 | 3066 | 2.23E-12 | 3168 | 2.74E-12 |
| 2048 | 1.91E-13 | 2150 | 9.61E-13 | 2252 | 6.03E-13 | 2354 | 8.09E-13 | 2456 | 7.32E-13 | 2558 | 1.02E-12 | 2660 | 1.94E-12 | 2762 | 1.43E-12 | 2864 | 1.66E-12 | 2966 | 2.10E-12 | 3068 | 2.29E-12 | 3170 | 2.72E-12 |
| 2050 | 2.50E-13 | 2152 | 5.74E-13 | 2254 | 6.76E-13 | 2356 | 7.67E-13 | 2458 | 7.93E-13 | 2560 | 1.00E-12 | 2662 | 1.79E-12 | 2764 | 1.47E-12 | 2866 | 1.67E-12 | 2968 | 2.07E-12 | 3070 | 2.32E-12 | 3172 | 2.80E-12 |
| 2052 | 3.19E-13 | 2154 | 8.04E-13 | 2256 | 7.94E-13 | 2358 | 6.53E-13 | 2460 | 8.06E-13 | 2562 | 9.37E-13 | 2664 | 1.63E-12 | 2766 | 1.48E-12 | 2868 | 1.71E-12 | 2970 | 2.09E-12 | 3072 | 2.35E-12 | 3174 | 2.83E-12 |
| 2054 | 7.28E-13 | 2156 | 7.90E-13 | 2258 | 8.44E-13 | 2360 | 6.87E-13 | 2462 | 7.08E-13 | 2564 | 9.09E-13 | 2666 | 1.55E-12 | 2768 | 1.47E-12 | 2870 | 1.73E-12 | 2972 | 2.11E-12 | 3074 | 2.39E-12 | 3176 | 2.68E-12 |
| 2056 | 7.18E-13 | 2158 | 5.92E-13 | 2260 | 7.21E-13 | 2362 | 6.02E-13 | 2464 | 6.72E-13 | 2566 | 9.06E-13 | 2668 | 1.44E-12 | 2770 | 1.44E-12 | 2872 | 1.79E-12 | 2974 | 2.14E-12 | 3076 | 2.39E-12 | 3178 | 2.56E-12 |
| 2058 | 6.38E-13 | 2160 | 8.68E-13 | 2262 | 7.38E-13 | 2364 | 4.46E-13 | 2466 | 7.79E-13 | 2568 | 1.06E-12 | 2670 | 1.47E-12 | 2772 | 1.44E-12 | 2874 | 1.83E-12 | 2976 | 2.25E-12 | 3078 | 2.39E-12 | 3180 | 2.44E-12 |
| 2060 | 4.96E-13 | 2162 | 8.94E-13 | 2264 | 8.20E-13 | 2366 | 5.15E-13 | 2468 | 7.28E-13 | 2570 | 1.20E-12 | 2672 | 1.60E-12 | 2774 | 1.50E-12 | 2876 | 1.78E-12 | 2978 | 2.27E-12 | 3080 | 2.35E-12 | 3182 | 2.38E-12 |
| 2062 | 1.31E-13 | 2164 | 5.73E-13 | 2266 | 8.36E-13 | 2368 | 6.74E-13 | 2470 | 7.71E-13 | 2572 | 1.18E-12 | 2674 | 1.71E-12 | 2776 | 1.48E-12 | 2878 | 1.71E-12 | 2980 | 2.14E-12 | 3082 | 2.34E-12 | 3184 | 2.52E-12 |
| 2064 | -1.01E-13 | 2166 | 5.96E-13 | 2268 | 7.05E-13 | 2370 | 6.20E-13 | 2472 | 7.28E-13 | 2574 | 1.16E-12 | 2676 | 1.73E-12 | 2778 | 1.29E-12 | 2880 | 1.58E-12 | 2982 | 2.00E-12 | 3084 | 2.39E-12 | 3186 | 2.58E-12 |
| 2066 | 3.34E-13 | 2168 | 4.75E-13 | 2270 | 6.23E-13 | 2372 | 5.65E-13 | 2474 | 7.36E-13 | 2576 | 1.08E-12 | 2678 | 1.72E-12 | 2780 | 1.19E-12 | 2882 | 1.53E-12 | 2984 | 1.96E-12 | 3086 | 2.32E-12 | 3188 | 2.64E-12 |
| 2068 | 2.17E-13 | 2170 | 5.15E-13 | 2272 | 5.96E-13 | 2374 | 5.52E-13 | 2476 | 7.21E-13 | 2578 | 9.84E-13 | 2680 | 1.69E-12 | 2782 | 1.06E-12 | 2884 | 1.62E-12 | 2986 | 2.00E-12 | 3088 | 2.21E-12 | 3190 | 2.69E-12 |
| 2070 | 1.69E-13 | 2172 | 6.29E-13 | 2274 | 6.48E-13 | 2376 | 6.66E-13 | 2478 | 7.95E-13 | 2580 | 1.12E-12 | 2682 | 1.70E-12 | 2784 | 1.01E-12 | 2886 | 1.80E-12 | 2988 | 2.14E-12 | 3090 | 2.15E-12 | 3192 | 2.66E-12 |
| 2072 | 2.16E-13 | 2174 | 5.78E-13 | 2276 | 8.80E-13 | 2378 | 6.25E-13 | 2480 | 7.46E-13 | 2582 | 1.17E-12 | 2684 | 1.71E-12 | 2786 | 9.21E-13 | 2888 | 1.97E-12 | 2990 | 2.28E-12 | 3092 | 2.04E-12 | 3194 | 2.61E-12 |
| 2074 | 2.86E-13 | 2176 | 6.64E-13 | 2278 | 6.34E-13 | 2380 | 6.22E-13 | 2482 | 6.16E-13 | 2584 | 1.13E-12 | 2686 | 1.64E-12 | 2788 | 7.84E-13 | 2890 | 1.96E-12 | 2992 | 2.36E-12 | 3094 | 1.97E-12 | 3196 | 2.68E-12 |
| 2076 | 8.52E-13 | 2178 | 5.89E-13 | 2280 | 6.31E-13 | 2382 | 4.00E-13 | 2484 | 6.08E-13 | 2586 | 1.06E-12 | 2688 | 1.66E-12 | 2790 | 6.12E-13 | 2892 | 1.97E-12 | 2994 | 2.32E-12 | 3096 | 2.03E-12 | 3198 | 2.80E-12 |


HD 201891 F8 IV-V
V=7.38 (B-V)=0.51 E(B-V)=-0.01
LAP: LWP 15559
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 208906 F8 IV-V V=6.94 (B-V)=0.51 E(B-V)=-0.01**

**LAP: LWP 15557; SAP: LWP 15557**

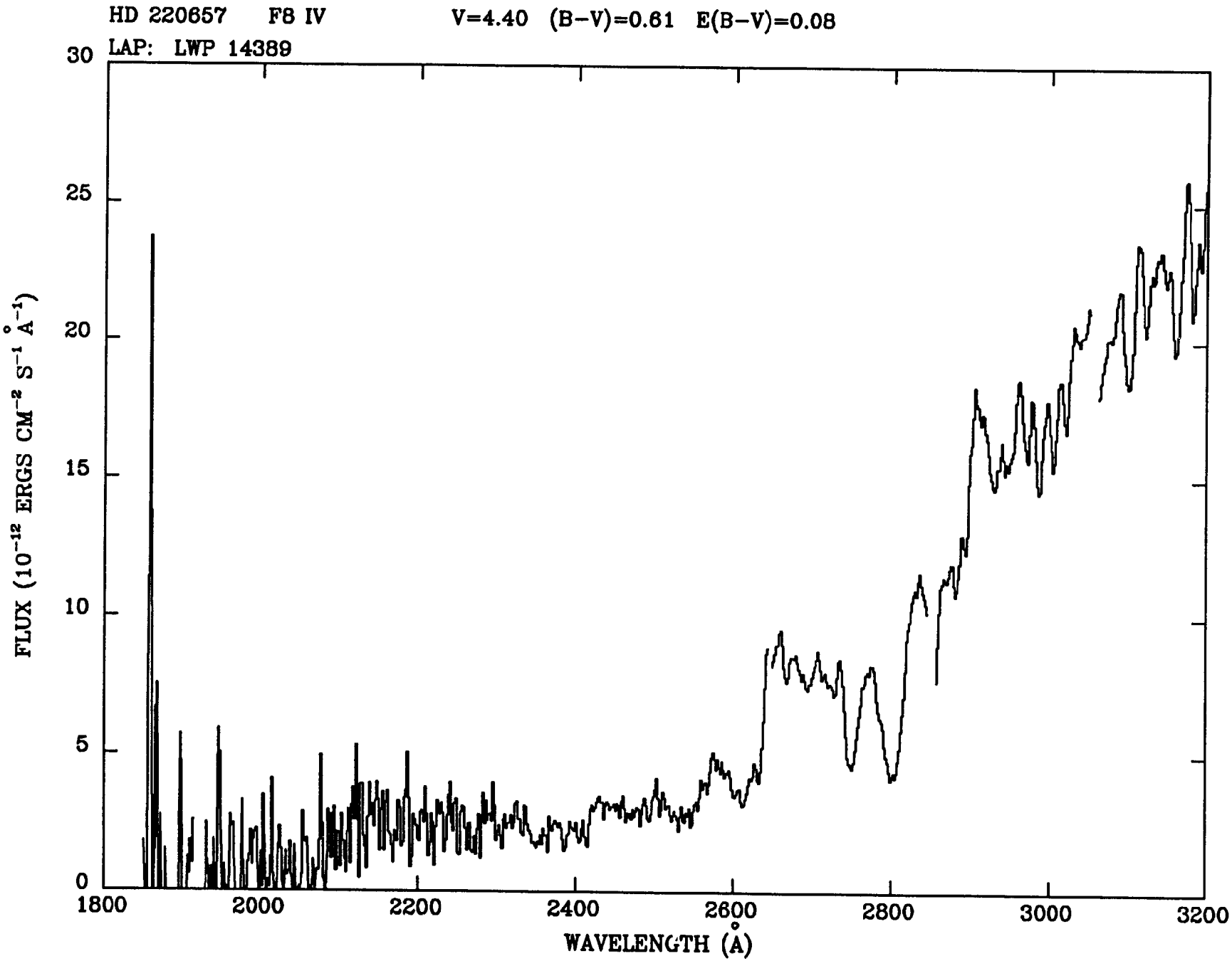
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.64E-13 | 2078 | 7.16E-13 | 2180 | 8.96E-13 | 2282 | 1.05E-12 | 2384 | 3.96E-13 | 2486 | 6.21E-13 | 2588 | 1.29E-12 | 2690 | 2.11E-12 | 2792 | 6.80E-13 | 2894 | 2.61E-12 | 2996 | 3.14E-12 | 3098 | 2.88E-12 |
| 1978 | 3.58E-13 | 2080 | 6.44E-13 | 2182 | 8.50E-13 | 2284 | 1.10E-12 | 2386 | 5.24E-13 | 2488 | 5.84E-13 | 2590 | 1.44E-12 | 2692 | 2.14E-12 | 2794 | 4.48E-13 | 2896 | 2.69E-12 | 2998 | 3.03E-12 | 3100 | 2.81E-12 |
| 1980 | 1.42E-13 | 2082 | 6.27E-13 | 2184 | 8.54E-13 | 2286 | 1.03E-12 | 2388 | 6.39E-13 | 2490 | 5.51E-13 | 2592 | 1.56E-12 | 2694 | 2.18E-12 | 2796 | 3.22E-13 | 2898 | 2.96E-12 | 3000 | 2.93E-12 | 3102 | 2.99E-12 |
| 1982 | 7.60E-14 | 2084 | 6.80E-13 | 2186 | 8.21E-13 | 2288 | 1.02E-12 | 2390 | 6.58E-13 | 2492 | 5.55E-13 | 2594 | 1.35E-12 | 2696 | 2.26E-12 | 2798 | 3.06E-13 | 2900 | 3.25E-12 | 3002 | 2.91E-12 | 3104 | 3.24E-12 |
| 1984 | 1.92E-13 | 2086 | 7.44E-13 | 2188 | 8.98E-13 | 2290 | 1.08E-12 | 2392 | 6.60E-13 | 2494 | 6.99E-13 | 2596 | 1.14E-12 | 2698 | 2.18E-12 | 2800 | 3.43E-13 | 2902 | 3.29E-12 | 3004 | 2.97E-12 | 3106 | 3.45E-12 |
| 1986 | 1.23E-13 | 2088 | 7.07E-13 | 2190 | 9.17E-13 | 2292 | 9.58E-13 | 2394 | 5.99E-13 | 2496 | 9.15E-13 | 2598 | 1.04E-12 | 2700 | 2.11E-12 | 2802 | 4.00E-13 | 2904 | 3.31E-12 | 3006 | 3.09E-12 | 3108 | 3.65E-12 |
| 1988 | 1.70E-13 | 2090 | 5.95E-13 | 2192 | 7.75E-13 | 2294 | 9.46E-13 | 2396 | 4.81E-13 | 2498 | 1.23E-12 | 2600 | 8.23E-13 | 2702 | 2.20E-12 | 2804 | 4.27E-13 | 2906 | 3.32E-12 | 3008 | 3.12E-12 | 3110 | 3.83E-12 |
| 1990 | 1.14E-13 | 2092 | 7.89E-13 | 2194 | 8.07E-13 | 2296 | 9.15E-13 | 2398 | 4.76E-13 | 2500 | 1.23E-12 | 2602 | 7.88E-13 | 2704 | 2.25E-12 | 2806 | 5.17E-13 | 2908 | 3.29E-12 | 3010 | 3.23E-12 | 3112 | 3.77E-12 |
| 1992 | 2.97E-13 | 2094 | 7.73E-13 | 2196 | 9.69E-13 | 2298 | 8.48E-13 | 2400 | 4.96E-13 | 2502 | 1.18E-12 | 2604 | 1.03E-12 | 2706 | 2.34E-12 | 2808 | 6.98E-13 | 2910 | 3.27E-12 | 3012 | 3.31E-12 | 3114 | 3.61E-12 |
| 1994 | 3.16E-13 | 2096 | 6.48E-13 | 2198 | 1.00E-12 | 2300 | 8.71E-13 | 2402 | 5.40E-13 | 2504 | 1.21E-12 | 2606 | 1.09E-12 | 2708 | 2.27E-12 | 2810 | 9.62E-13 | 2912 | 3.30E-12 | 3014 | 3.15E-12 | 3116 | 3.45E-12 |
| 1996 | 2.73E-13 | 2098 | 7.40E-13 | 2200 | 1.00E-12 | 2302 | 8.97E-13 | 2404 | 5.49E-13 | 2506 | 9.83E-13 | 2608 | 8.97E-13 | 2710 | 2.14E-12 | 2812 | 1.28E-12 | 2914 | 3.27E-12 | 3016 | 3.00E-12 | 3118 | 3.24E-12 |
| 1998 | 2.92E-13 | 2100 | 6.86E-13 | 2202 | 9.11E-13 | 2304 | 9.07E-13 | 2406 | 4.13E-13 | 2508 | 7.13E-13 | 2610 | 7.94E-13 | 2712 | 2.06E-12 | 2814 | 1.55E-12 | 2916 | 3.16E-12 | 3018 | 2.93E-12 | 3120 | 3.21E-12 |
| 2000 | 2.81E-13 | 2102 | 7.33E-13 | 2204 | 9.09E-13 | 2306 | 1.01E-12 | 2408 | 4.79E-13 | 2510 | 7.52E-13 | 2612 | 7.65E-13 | 2714 | 2.03E-12 | 2816 | 1.82E-12 | 2918 | 3.04E-12 | 3020 | 2.89E-12 | 3122 | 3.32E-12 |
| 2002 | 2.33E-13 | 2104 | 7.87E-13 | 2206 | 1.06E-12 | 2308 | 9.64E-13 | 2410 | 5.39E-13 | 2512 | 8.47E-13 | 2614 | 7.86E-13 | 2716 | 2.04E-12 | 2818 | 2.04E-12 | 2920 | 3.02E-12 | 3022 | 3.11E-12 | 3124 | 3.42E-12 |
| 2004 | 4.41E-13 | 2106 | 6.98E-13 | 2208 | 8.96E-13 | 2310 | 9.38E-13 | 2412 | 5.06E-13 | 2514 | 5.81E-13 | 2616 | 9.10E-13 | 2718 | 1.93E-12 | 2820 | 2.11E-12 | 2922 | 3.04E-12 | 3024 | 3.44E-12 | 3126 | 3.48E-12 |
| 2006 | 5.00E-13 | 2108 | 6.50E-13 | 2210 | 7.30E-13 | 2312 | 8.98E-13 | 2414 | 6.05E-13 | 2516 | 4.22E-13 | 2618 | 1.05E-12 | 2720 | 1.72E-12 | 2822 | 2.23E-12 | 2924 | 3.00E-12 | 3026 | 3.50E-12 | 3128 | 3.43E-12 |
| 2008 | 2.29E-13 | 2110 | 6.07E-13 | 2212 | 6.63E-13 | 2314 | 8.11E-13 | 2416 | 7.78E-13 | 2518 | 4.07E-13 | 2620 | 1.15E-12 | 2722 | 1.76E-12 | 2824 | 2.30E-12 | 2926 | 2.90E-12 | 3028 | 3.41E-12 | 3130 | 3.42E-12 |
| 2010 | 2.04E-13 | 2112 | 6.40E-13 | 2214 | 6.70E-13 | 2316 | 9.50E-13 | 2418 | 1.04E-12 | 2520 | 4.23E-13 | 2622 | 1.26E-12 | 2724 | 1.83E-12 | 2826 | 2.27E-12 | 2928 | 2.89E-12 | 3030 | 3.47E-12 | 3132 | 3.48E-12 |
| 2012 | 3.31E-13 | 2114 | 7.80E-13 | 2216 | 7.46E-13 | 2318 | 1.08E-12 | 2420 | 1.24E-12 | 2522 | 4.46E-13 | 2624 | 1.26E-12 | 2726 | 1.86E-12 | 2828 | 2.29E-12 | 2930 | 2.97E-12 | 3032 | 3.68E-12 | 3134 | 3.52E-12 |
| 2014 | 4.84E-13 | 2116 | 7.29E-13 | 2218 | 7.17E-13 | 2320 | 1.05E-12 | 2422 | 1.26E-12 | 2524 | 4.19E-13 | 2626 | 1.19E-12 | 2728 | 1.88E-12 | 2830 | 2.37E-12 | 2932 | 3.08E-12 | 3034 | 3.69E-12 | 3136 | 3.54E-12 |
| 2016 | 7.11E-13 | 2118 | 8.69E-13 | 2220 | 7.48E-13 | 2322 | 1.05E-12 | 2424 | 1.22E-12 | 2526 | 4.27E-13 | 2628 | 1.01E-12 | 2730 | 1.98E-12 | 2832 | 2.39E-12 | 2934 | 3.10E-12 | 3036 | 3.54E-12 | 3138 | 3.57E-12 |
| 2018 | 2.03E-13 | 2120 | 9.22E-13 | 2222 | 7.61E-13 | 2324 | 9.09E-13 | 2426 | 1.11E-12 | 2528 | 4.74E-13 | 2630 | 9.44E-13 | 2732 | 2.01E-12 | 2834 | 2.53E-12 | 2936 | 2.96E-12 | 3038 | 3.47E-12 | 3140 | 3.43E-12 |
| 2020 | -2.19E-13 | 2122 | 9.20E-13 | 2224 | 1.02E-12 | 2326 | 9.46E-13 | 2428 | 1.21E-12 | 2530 | 4.59E-13 | 2632 | 9.86E-13 | 2734 | 1.95E-12 | 2836 | 2.38E-12 | 2938 | 2.93E-12 | 3040 | 3.47E-12 | 3142 | 3.24E-12 |
| 2022 | 2.88E-13 | 2124 | 6.64E-13 | 2226 | 8.99E-13 | 2328 | 8.45E-13 | 2430 | 1.31E-12 | 2532 | 4.72E-13 | 2634 | 1.19E-12 | 2736 | 1.79E-12 | 2838 | 2.29E-12 | 2940 | 3.01E-12 | 3042 | 3.47E-12 | 3144 | 3.18E-12 |
| 2024 | 6.82E-13 | 2126 | 6.05E-13 | 2228 | 7.26E-13 | 2330 | 7.26E-13 | 2432 | 1.18E-12 | 2534 | 7.54E-13 | 2636 | 1.67E-12 | 2738 | 1.55E-12 | 2840 | 2.43E-12 | 2942 | 2.95E-12 | 3044 | 3.53E-12 | 3146 | 3.31E-12 |
| 2026 | 4.24E-13 | 2128 | 7.80E-13 | 2230 | 1.25E-12 | 2332 | 6.67E-13 | 2434 | 1.15E-12 | 2536 | 7.07E-13 | 2638 | 2.20E-12 | 2740 | 1.40E-12 | 2842 | 2.39E-12 | 2944 | 2.90E-12 | 3046 | 3.62E-12 | 3148 | 3.54E-12 |
| 2028 | 4.28E-13 | 2130 | 7.59E-13 | 2232 | 1.47E-12 | 2334 | 6.24E-13 | 2436 | 9.29E-13 | 2538 | 5.70E-13 | 2640 | 2.50E-12 | 2742 | 1.34E-12 | 2844 | 2.15E-12 | 2946 | 2.86E-12 | 3048 | 3.62E-12 | 3150 | 3.63E-12 |
| 2030 | 4.60E-13 | 2132 | 6.72E-13 | 2234 | 1.01E-12 | 2336 | 6.82E-13 | 2438 | 1.08E-12 | 2540 | 6.20E-13 | 2642 | 2.43E-12 | 2744 | 1.21E-12 | 2846 | 2.03E-12 | 2948 | 2.90E-12 | 3050 | 3.52E-12 | 3152 | 3.50E-12 |
| 2032 | 4.16E-13 | 2134 | 6.56E-13 | 2236 | 8.89E-13 | 2338 | 6.41E-13 | 2440 | 1.19E-12 | 2542 | 6.61E-13 | 2644 | 2.37E-12 | 2746 | 1.15E-12 | 2848 | | 2950 | 3.03E-12 | 3052 | 3.43E-12 | 3154 | 3.27E-12 |
| 2034 | 3.12E-13 | 2136 | 6.53E-13 | 2238 | 1.45E-12 | 2340 | 5.42E-13 | 2442 | 1.12E-12 | 2544 | 7.26E-13 | 2646 | 2.32E-12 | 2748 | 1.15E-12 | 2850 | | 2952 | 3.06E-12 | 3054 | | 3156 | 3.16E-12 |
| 2036 | 4.78E-13 | 2138 | 7.76E-13 | 2240 | 1.39E-12 | 2342 | 4.51E-13 | 2444 | 1.04E-12 | 2546 | 5.91E-13 | 2648 | 2.26E-12 | 2750 | 1.16E-12 | 2852 | | 2954 | 3.01E-12 | 3056 | | 3158 | 3.18E-12 |
| 2038 | 3.92E-13 | 2140 | 8.53E-13 | 2242 | 1.04E-12 | 2344 | 4.14E-13 | 2446 | 1.07E-12 | 2548 | 5.74E-13 | 2650 | 2.29E-12 | 2752 | 1.35E-12 | 2854 | | 2956 | 3.03E-12 | 3058 | | 3160 | 3.28E-12 |
| 2040 | 2.63E-13 | 2142 | 8.52E-13 | 2244 | 8.84E-13 | 2346 | 4.10E-13 | 2448 | 1.06E-12 | 2550 | 7.50E-13 | 2652 | 2.47E-12 | 2754 | 1.53E-12 | 2856 | | 2958 | 3.17E-12 | 3060 | | 3162 | 3.54E-12 |
| 2042 | 2.80E-13 | 2144 | 8.43E-13 | 2246 | 9.61E-13 | 2348 | 4.54E-13 | 2450 | 9.78E-13 | 2552 | 8.93E-13 | 2654 | 2.56E-12 | 2756 | 1.52E-12 | 2858 | 1.95E-12 | 2960 | 3.18E-12 | 3062 | 3.30E-12 | 3164 | 3.81E-12 |
| 2044 | 4.87E-13 | 2146 | 9.29E-13 | 2248 | 1.16E-12 | 2350 | 6.06E-13 | 2452 | 9.00E-13 | 2554 | 1.05E-12 | 2656 | 2.53E-12 | 2758 | 1.56E-12 | 2860 | 2.24E-12 | 2962 | 3.06E-12 | 3064 | 3.26E-12 | 3166 | 3.99E-12 |
| 2046 | 5.22E-13 | 2148 | 9.85E-13 | 2250 | 1.14E-12 | 2352 | 8.01E-13 | 2454 | 9.15E-13 | 2556 | 1.12E-12 | 2658 | 2.62E-12 | 2760 | 1.72E-12 | 2862 | 2.51E-12 | 2964 | 2.94E-12 | 3066 | 3.14E-12 | 3168 | 4.07E-12 |
| 2048 | 4.19E-13 | 2150 | 7.66E-13 | 2252 | 9.85E-13 | 2354 | 8.03E-13 | 2456 | 7.66E-13 | 2558 | 1.19E-12 | 2660 | 2.62E-12 | 2762 | 1.89E-12 | 2864 | 2.44E-12 | 2966 | 2.82E-12 | 3068 | 3.26E-12 | 3170 | 4.07E-12 |
| 2050 | 4.53E-13 | 2152 | 8.18E-13 | 2254 | 9.58E-13 | 2356 | 8.10E-13 | 2458 | 8.36E-13 | 2560 | 1.22E-12 | 2662 | 2.40E-12 | 2764 | 2.02E-12 | 2866 | 2.43E-12 | 2968 | 2.76E-12 | 3070 | 3.38E-12 | 3172 | 4.09E-12 |
| 2052 | 5.23E-13 | 2154 | 9.17E-13 | 2256 | 1.03E-12 | 2358 | 7.07E-13 | 2460 | 8.89E-13 | 2562 | 1.12E-12 | 2664 | 2.13E-12 | 2766 | 2.01E-12 | 2868 | 2.48E-12 | 2970 | 2.88E-12 | 3072 | 3.30E-12 | 3174 | 4.06E-12 |
| 2054 | 5.02E-13 | 2156 | 8.08E-13 | 2258 | 8.95E-13 | 2360 | 6.77E-13 | 2462 | 8.00E-13 | 2564 | 1.15E-12 | 2666 | 2.03E-12 | 2768 | 1.96E-12 | 2870 | 2.54E-12 | 2972 | 3.13E-12 | 3074 | 3.36E-12 | 3176 | 3.85E-12 |
| 2056 | 4.93E-13 | 2158 | 6.55E-13 | 2260 | 8.86E-13 | 2362 | 6.71E-13 | 2464 | 7.46E-13 | 2566 | 1.15E-12 | 2668 | 1.97E-12 | 2770 | 1.98E-12 | 2872 | 2.61E-12 | 2974 | 3.32E-12 | 3076 | 3.44E-12 | 3178 | 3.67E-12 |
| 2058 | 5.54E-13 | 2160 | 7.52E-13 | 2262 | 8.66E-13 | 2364 | 6.01E-13 | 2466 | 7.63E-13 | 2568 | 1.27E-12 | 2670 | 1.96E-12 | 2772 | 2.06E-12 | 2874 | 2.61E-12 | 2976 | 3.48E-12 | 3078 | 3.53E-12 | 3180 | 3.50E-12 |
| 2060 | 4.92E-13 | 2162 | 7.90E-13 | 2264 | 8.62E-13 | 2366 | 6.47E-13 | 2468 | 8.72E-13 | 2570 | 1.42E-12 | 2672 | 2.10E-12 | 2774 | 2.10E-12 | 2876 | 2.51E-12 | 2978 | 3.42E-12 | 3080 | 3.49E-12 | 3182 | 3.46E-12 |
| 2062 | 4.95E-13 | 2164 | 7.25E-13 | 2266 | 7.21E-13 | 2368 | 7.62E-13 | 2470 | 8.85E-13 | 2572 | 1.46E-12 | 2674 | 2.26E-12 | 2776 | 2.01E-12 | 2878 | 2.34E-12 | 2980 | 3.16E-12 | 3082 | 3.46E-12 | 3184 | 3.58E-12 |
| 2064 | 4.55E-13 | 2166 | 8.11E-13 | 2268 | 6.69E-13 | 2370 | 9.03E-13 | 2472 | 7.83E-13 | 2574 | 1.45E-12 | 2676 | 2.34E-12 | 2778 | 1.79E-12 | 2880 | 2.02E-12 | 2982 | 2.93E-12 | 3084 | 3.55E-12 | 3186 | 3.52E-12 |
| 2066 | 4.47E-13 | 2168 | 7.76E-13 | 2270 | 7.37E-13 | 2372 | 8.62E-13 | 2474 | 8.01E-13 | 2576 | 1.36E-12 | 2678 | 2.29E-12 | 2780 | 1.70E-12 | 2882 | 1.95E-12 | 2984 | 2.75E-12 | 3086 | 3.51E-12 | 3188 | 3.44E-12 |
| 2068 | 5.14E-13 | 2170 | 6.35E-13 | 2272 | 7.30E-13 | 2374 | 7.49E-13 | 2476 | 8.62E-13 | 2578 | 1.19E-12 | 2680 | 2.18E-12 | 2782 | 1.55E-12 | 2884 | 2.20E-12 | 2986 | 2.81E-12 | 3088 | 3.29E-12 | 3190 | 3.50E-12 |
| 2070 | 4.41E-13 | 2172 | 7.55E-13 | 2274 | 7.73E-13 | 2376 | 7.10E-13 | 2478 | 1.04E-12 | 2580 | 1.35E-12 | 2682 | 2.17E-12 | 2784 | 1.49E-12 | 2886 | 2.44E-12 | 2988 | 3.01E-12 | 3090 | 3.19E-12 | 3192 | 3.55E-12 |
| 2072 | 5.09E-13 | 2174 | 7.52E-13 | 2276 | 9.67E-13 | 2378 | 6.85E-13 | 2480 | 9.33E-13 | 2582 | 1.46E-12 | 2684 | 2.22E-12 | 2786 | 1.36E-12 | 2888 | 2.70E-12 | 2990 | 3.21E-12 | 3092 | 2.97E-12 | 3194 | 3.59E-12 |
| 2074 | 5.74E-13 | 2176 | 6.58E-13 | 2278 | 9.55E-13 | 2380 | 5.19E-13 | 2482 | 6.57E-13 | 2584 | 1.36E-12 | 2686 | 2.16E-12 | 2788 | 1.19E-12 | 2890 | 2.71E-12 | 2992 | 3.28E-12 | 3094 | 2.91E-12 | 3196 | 3.68E-12 |
| 2076 | 7.20E-13 | 2178 | 7.60E-13 | 2280 | 9.24E-13 | 2382 | 3.52E-13 | 2484 | 6.32E-13 | 2586 | 1.32E-12 | 2688 | 2.20E-12 | 2790 | 9.46E-13 | 2892 | 2.66E-12 | 2994 | 3.24E-12 | 3096 | 2.99E-12 | 3198 | 3.72E-12 |


HD 208906 F8 IV-V V=6.94 (B-V)=0.51 E(B-V)=-0.01
LAP: LWP 15557; SAP: LWP 15557
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 220657 F8 IV V=4.40 (B-V)=0.61 E(B-V)=0.08**

**LAP: LWP 14389**

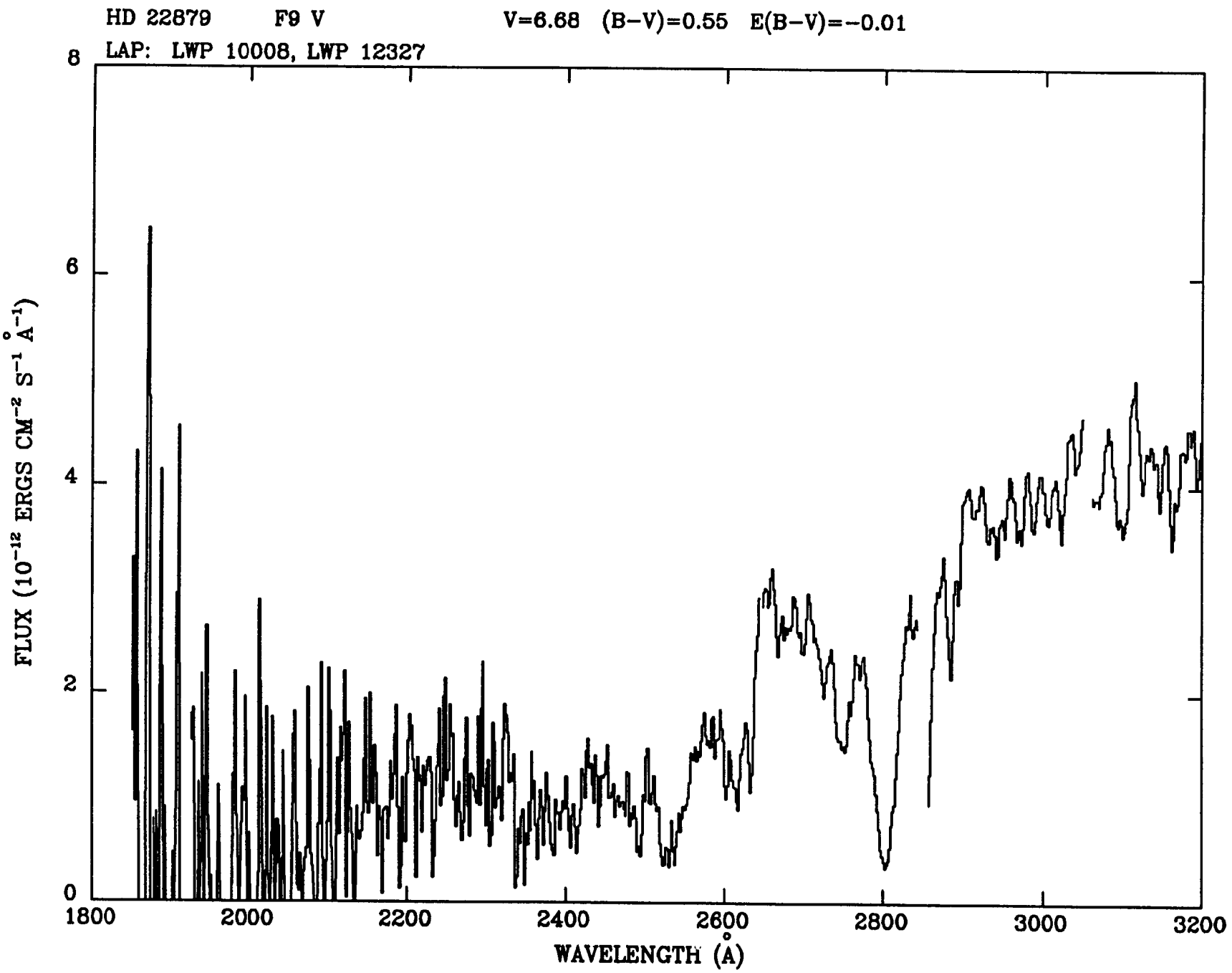
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.78E-12 | 2078 | 3.70E-12 | 2180 | 1.65E-12 | 2282 | 3.29E-12 | 2384 | 1.82E-12 | 2486 | 3.12E-12 | 2588 | 4.38E-12 | 2690 | 7.78E-12 | 2792 | 5.18E-12 | 2894 | 1.24E-11 | 2996 | 1.76E-11 | 3098 | 1.85E-11 |
| 1978 | 1.85E-12 | 2080 | 1.34E-12 | 2182 | 2.01E-12 | 2284 | 2.80E-12 | 2386 | 1.53E-12 | 2488 | 3.38E-12 | 2590 | 4.27E-12 | 2692 | 7.49E-12 | 2794 | 4.87E-12 | 2896 | 1.32E-11 | 2998 | 1.76E-11 | 3100 | 1.84E-11 |
| 1980 | -5.92E-13 | 2082 | -9.18E-14 | 2184 | 3.46E-12 | 2286 | 3.10E-12 | 2388 | 1.77E-12 | 2490 | 3.20E-12 | 2592 | 4.36E-12 | 2694 | 7.41E-12 | 2796 | 4.59E-12 | 2898 | 1.51E-11 | 3000 | 1.69E-11 | 3102 | 1.85E-11 |
| 1982 | -1.36E-13 | 2084 | 8.60E-13 | 2186 | 4.08E-12 | 2288 | 2.69E-12 | 2390 | 2.07E-12 | 2492 | 2.70E-12 | 2594 | 4.40E-12 | 2696 | 7.62E-12 | 2798 | 4.23E-12 | 2900 | 1.60E-11 | 3002 | 1.63E-11 | 3104 | 1.91E-11 |
| 1984 | 9.00E-13 | 2086 | 2.56E-12 | 2188 | 4.47E-12 | 2290 | 2.78E-12 | 2392 | 2.30E-12 | 2494 | 2.62E-12 | 2596 | 4.30E-12 | 2698 | 7.67E-12 | 2800 | 4.22E-12 | 2902 | 1.66E-11 | 3004 | 1.55E-11 | 3106 | 2.04E-11 |
| 1986 | 1.26E-12 | 2088 | 2.81E-12 | 2190 | 2.26E-12 | 2292 | 2.83E-12 | 2394 | 2.44E-12 | 2496 | 2.94E-12 | 2598 | 3.92E-12 | 2700 | 7.91E-12 | 2802 | 4.36E-12 | 2904 | 1.77E-11 | 3006 | 1.56E-11 | 3108 | 2.21E-11 |
| 1988 | 2.12E-12 | 2090 | 1.35E-12 | 2192 | 1.06E-12 | 2294 | 2.63E-12 | 2396 | 2.30E-12 | 2498 | 3.40E-12 | 2600 | 3.56E-12 | 2702 | 8.15E-12 | 2804 | 4.23E-12 | 2906 | 1.80E-11 | 3008 | 1.65E-11 | 3110 | 2.33E-11 |
| 1990 | 1.08E-12 | 2092 | 2.75E-12 | 2194 | 2.10E-12 | 2296 | 3.84E-12 | 2398 | 2.23E-12 | 2500 | 3.56E-12 | 2602 | 3.49E-12 | 2704 | 8.36E-12 | 2806 | 4.37E-12 | 2908 | 1.77E-11 | 3010 | 1.74E-11 | 3112 | 2.36E-11 |
| 1992 | 1.91E-12 | 2094 | 2.83E-12 | 2196 | 2.66E-12 | 2298 | 2.88E-12 | 2400 | 2.45E-12 | 2502 | 3.90E-12 | 2604 | 3.57E-12 | 2706 | 8.64E-12 | 2808 | 4.82E-12 | 2910 | 1.75E-11 | 3012 | 1.84E-11 | 3114 | 2.35E-11 |
| 1994 | 2.18E-12 | 2096 | 9.57E-13 | 2198 | 2.44E-12 | 2300 | 1.95E-12 | 2402 | 2.09E-12 | 2504 | 3.87E-12 | 2606 | 3.73E-12 | 2708 | 8.66E-12 | 2810 | 5.31E-12 | 2912 | 1.71E-11 | 3014 | 1.86E-11 | 3116 | 2.28E-11 |
| 1996 | 1.88E-12 | 2098 | 2.14E-12 | 2200 | 2.01E-12 | 2302 | 2.27E-12 | 2404 | 1.83E-12 | 2506 | 3.13E-12 | 2608 | 3.75E-12 | 2710 | 8.30E-12 | 2812 | 6.01E-12 | 2914 | 1.73E-11 | 3016 | 1.84E-11 | 3118 | 2.17E-11 |
| 1998 | 2.93E-13 | 2100 | 1.76E-12 | 2202 | 1.84E-12 | 2304 | 2.26E-12 | 2406 | 1.84E-12 | 2508 | 2.90E-12 | 2610 | 3.30E-12 | 2712 | 7.90E-12 | 2814 | 6.67E-12 | 2916 | 1.73E-11 | 3018 | 1.76E-11 | 3120 | 2.08E-11 |
| 2000 | 4.42E-13 | 2102 | 1.56E-12 | 2204 | 2.72E-12 | 2306 | 1.82E-12 | 2408 | 2.32E-12 | 2510 | 3.39E-12 | 2612 | 3.15E-12 | 2714 | 7.86E-12 | 2816 | 7.42E-12 | 2918 | 1.68E-11 | 3020 | 1.70E-11 | 3122 | 2.03E-11 |
| 2002 | 3.16E-13 | 2104 | 2.36E-12 | 2206 | 2.93E-12 | 2308 | 2.16E-12 | 2410 | 2.50E-12 | 2512 | 3.52E-12 | 2614 | 3.25E-12 | 2716 | 7.99E-12 | 2818 | 8.49E-12 | 2920 | 1.65E-11 | 3022 | 1.70E-11 | 3124 | 2.08E-11 |
| 2004 | 3.15E-12 | 2106 | 1.48E-12 | 2208 | 2.57E-12 | 2310 | 2.73E-12 | 2412 | 1.93E-12 | 2514 | 3.13E-12 | 2616 | 3.47E-12 | 2718 | 7.77E-12 | 2820 | 9.41E-12 | 2922 | 1.59E-11 | 3024 | 1.81E-11 | 3126 | 2.16E-11 |
| 2006 | 1.94E-12 | 2108 | 8.88E-13 | 2210 | 3.64E-12 | 2312 | 2.47E-12 | 2414 | 1.68E-12 | 2516 | 3.11E-12 | 2618 | 3.73E-12 | 2720 | 7.55E-12 | 2822 | 9.76E-12 | 2924 | 1.53E-11 | 3026 | 1.91E-11 | 3128 | 2.23E-11 |
| 2008 | -4.96E-13 | 2110 | 1.63E-12 | 2212 | 2.51E-12 | 2314 | 2.44E-12 | 2416 | 1.94E-12 | 2518 | 3.17E-12 | 2620 | 4.04E-12 | 2722 | 7.61E-12 | 2824 | 1.01E-11 | 2926 | 1.50E-11 | 3028 | 1.98E-11 | 3130 | 2.24E-11 |
| 2010 | 3.75E-13 | 2112 | 2.73E-12 | 2214 | 1.39E-12 | 2316 | 2.50E-12 | 2418 | 2.69E-12 | 2520 | 2.84E-12 | 2622 | 4.14E-12 | 2724 | 7.54E-12 | 2826 | 1.05E-11 | 2928 | 1.47E-11 | 3030 | 2.05E-11 | 3132 | 2.22E-11 |
| 2012 | 4.10E-13 | 2114 | 1.50E-12 | 2216 | 2.12E-12 | 2318 | 2.74E-12 | 2420 | 3.08E-12 | 2522 | 2.62E-12 | 2624 | 4.18E-12 | 2726 | 7.40E-12 | 2828 | 1.08E-11 | 2930 | 1.47E-11 | 3032 | 2.05E-11 | 3134 | 2.25E-11 |
| 2014 | 2.11E-12 | 2116 | 2.70E-12 | 2218 | 2.69E-12 | 2320 | 2.33E-12 | 2422 | 3.04E-12 | 2524 | 2.82E-12 | 2626 | 4.55E-12 | 2728 | 7.20E-12 | 2830 | 1.10E-11 | 2932 | 1.50E-11 | 3034 | 2.02E-11 | 3136 | 2.30E-11 |
| 2016 | 2.87E-12 | 2118 | 3.67E-12 | 2220 | 1.80E-12 | 2322 | 2.53E-12 | 2424 | 3.02E-12 | 2526 | 2.94E-12 | 2628 | 4.59E-12 | 2730 | 7.44E-12 | 2832 | 1.09E-11 | 2934 | 1.54E-11 | 3036 | 2.00E-11 | 3138 | 2.31E-11 |
| 2018 | -2.25E-13 | 2120 | 2.67E-12 | 2222 | 1.71E-12 | 2324 | 3.21E-12 | 2426 | 3.19E-12 | 2528 | 2.76E-12 | 2630 | 4.22E-12 | 2732 | 8.06E-12 | 2834 | 1.13E-11 | 2936 | 1.57E-11 | 3038 | 1.99E-11 | 3140 | 2.32E-11 |
| 2020 | -1.03E-12 | 2122 | 5.18E-12 | 2224 | 2.91E-12 | 2326 | 3.15E-12 | 2428 | 3.37E-12 | 2530 | 2.53E-12 | 2632 | 4.03E-12 | 2734 | 8.48E-12 | 2836 | 1.16E-11 | 2938 | 1.63E-11 | 3040 | 2.02E-11 | 3142 | 2.33E-11 |
| 2022 | 5.42E-13 | 2124 | 2.27E-12 | 2226 | 3.14E-12 | 2328 | 2.63E-12 | 2430 | 3.47E-12 | 2532 | 2.42E-12 | 2634 | 4.38E-12 | 2736 | 8.34E-12 | 2838 | 1.12E-11 | 2940 | 1.60E-11 | 3042 | 2.02E-11 | 3144 | 2.29E-11 |
| 2024 | 2.06E-12 | 2126 | 1.17E-12 | 2228 | 2.87E-12 | 2330 | 2.45E-12 | 2432 | 3.30E-12 | 2534 | 2.93E-12 | 2636 | 5.29E-12 | 2738 | 7.84E-12 | 2840 | 1.09E-11 | 2942 | 1.54E-11 | 3044 | 2.03E-11 | 3146 | 2.24E-11 |
| 2026 | 1.80E-12 | 2128 | 3.91E-12 | 2230 | 3.14E-12 | 2332 | 2.10E-12 | 2434 | 3.27E-12 | 2536 | 2.86E-12 | 2638 | 6.36E-12 | 2740 | 6.97E-12 | 2842 | 1.07E-11 | 2944 | 1.55E-11 | 3046 | 2.06E-11 | 3148 | 2.21E-11 |
| 2028 | 6.13E-13 | 2130 | 3.23E-12 | 2232 | 2.91E-12 | 2334 | 2.54E-12 | 2436 | 2.71E-12 | 2538 | 2.57E-12 | 2640 | 7.65E-12 | 2742 | 6.00E-12 | 2844 | 1.04E-11 | 2946 | 1.56E-11 | 3048 | 2.10E-11 | 3150 | 2.23E-11 |
| 2030 | -3.29E-14 | 2132 | 1.84E-12 | 2234 | 1.50E-12 | 2336 | 3.11E-12 | 2438 | 3.15E-12 | 2540 | 2.78E-12 | 2642 | 8.75E-12 | 2744 | 5.14E-12 | 2846 | 1.02E-11 | 2948 | 1.54E-11 | 3050 | 2.12E-11 | 3152 | 2.27E-11 |
| 2032 | 1.22E-12 | 2134 | 1.25E-12 | 2236 | 1.90E-12 | 2338 | 2.71E-12 | 2440 | 3.27E-12 | 2542 | 2.82E-12 | 2644 | 8.91E-12 | 2746 | 4.78E-12 | 2848 | | 2950 | 1.57E-11 | 3052 | 2.11E-11 | 3154 | 2.22E-11 |
| 2034 | 6.13E-13 | 2136 | 1.85E-12 | 2238 | 2.86E-12 | 2340 | 2.30E-12 | 2442 | 3.17E-12 | 2544 | 3.00E-12 | 2646 | | 2748 | 4.65E-12 | 2850 | | 2952 | 1.59E-11 | 3054 | | 3156 | 2.10E-11 |
| 2036 | 7.59E-13 | 2138 | 3.44E-12 | 2240 | 3.59E-12 | 2342 | 2.13E-12 | 2444 | 3.04E-12 | 2546 | 2.49E-12 | 2648 | 8.27E-12 | 2750 | 4.54E-12 | 2852 | | 2954 | 1.62E-11 | 3056 | | 3158 | 2.01E-11 |
| 2038 | 1.58E-12 | 2140 | 3.18E-12 | 2242 | 3.60E-12 | 2344 | 1.85E-12 | 2446 | 3.10E-12 | 2548 | 2.46E-12 | 2650 | 8.35E-12 | 2752 | 4.80E-12 | 2854 | | 2956 | 1.69E-11 | 3058 | | 3160 | 1.96E-11 |
| 2040 | 3.50E-13 | 2142 | 3.07E-12 | 2244 | 2.38E-12 | 2346 | 1.80E-12 | 2448 | 3.15E-12 | 2550 | 2.95E-12 | 2652 | 8.59E-12 | 2754 | 5.29E-12 | 2856 | 7.70E-12 | 2958 | 1.80E-11 | 3060 | | 3162 | 1.99E-11 |
| 2042 | 7.41E-14 | 2144 | 2.51E-12 | 2246 | 2.59E-12 | 2348 | 1.69E-12 | 2450 | 3.09E-12 | 2552 | 3.23E-12 | 2654 | 8.89E-12 | 2756 | 5.75E-12 | 2858 | 8.68E-12 | 2960 | 1.86E-11 | 3062 | 1.80E-11 | 3164 | 2.07E-11 |
| 2044 | 9.99E-13 | 2146 | 3.14E-12 | 2248 | 3.28E-12 | 2350 | 1.62E-12 | 2452 | 3.11E-12 | 2554 | 3.27E-12 | 2656 | 9.02E-12 | 2758 | 6.18E-12 | 2860 | 9.98E-12 | 2962 | 1.83E-11 | 3064 | 1.81E-11 | 3166 | 2.18E-11 |
| 2046 | -1.58E-13 | 2148 | 3.94E-12 | 2250 | 2.38E-12 | 2352 | 1.80E-12 | 2454 | 3.18E-12 | 2556 | 3.12E-12 | 2658 | 9.34E-12 | 2760 | 6.59E-12 | 2862 | 1.10E-11 | 2964 | 1.77E-11 | 3066 | 1.86E-11 | 3168 | 2.28E-11 |
| 2048 | 5.22E-14 | 2150 | 3.26E-12 | 2252 | 1.35E-12 | 2354 | 1.76E-12 | 2456 | 2.85E-12 | 2558 | 3.65E-12 | 2660 | 9.54E-12 | 2762 | 7.13E-12 | 2864 | 1.13E-11 | 2966 | 1.68E-11 | 3068 | 1.90E-11 | 3170 | 2.43E-11 |
| 2050 | -2.56E-14 | 2152 | 1.70E-12 | 2254 | 2.34E-12 | 2356 | 1.96E-12 | 2458 | 3.17E-12 | 2560 | 3.98E-12 | 2662 | 9.10E-12 | 2764 | 7.52E-12 | 2866 | 1.15E-11 | 2968 | 1.63E-11 | 3070 | 1.94E-11 | 3172 | 2.56E-11 |
| 2052 | 2.65E-13 | 2154 | 3.10E-12 | 2256 | 3.04E-12 | 2358 | 1.89E-12 | 2460 | 3.47E-12 | 2562 | 3.85E-12 | 2664 | 8.24E-12 | 2766 | 7.57E-12 | 2868 | 1.14E-11 | 2970 | 1.59E-11 | 3072 | 1.97E-11 | 3174 | 2.59E-11 |
| 2054 | 2.08E-12 | 2156 | 3.08E-12 | 2258 | 3.08E-12 | 2360 | 2.21E-12 | 2462 | 3.09E-12 | 2564 | 3.98E-12 | 2666 | 7.84E-12 | 2768 | 7.84E-12 | 2870 | 1.14E-11 | 2972 | 1.57E-11 | 3074 | 2.01E-11 | 3176 | 2.53E-11 |
| 2056 | 2.13E-12 | 2158 | 2.01E-12 | 2260 | 2.40E-12 | 2362 | 2.04E-12 | 2464 | 2.59E-12 | 2566 | 3.80E-12 | 2668 | 7.70E-12 | 2770 | 8.03E-12 | 2872 | 1.16E-11 | 2974 | 1.65E-11 | 3076 | 2.01E-11 | 3178 | 2.39E-11 |
| 2058 | 1.79E-12 | 2160 | 3.38E-12 | 2262 | 1.58E-12 | 2364 | 1.74E-12 | 2466 | 2.88E-12 | 2568 | 3.81E-12 | 2670 | 7.96E-12 | 2772 | 7.97E-12 | 2874 | 1.19E-11 | 2976 | 1.78E-11 | 3078 | 2.01E-11 | 3180 | 2.21E-11 |
| 2060 | 1.90E-12 | 2162 | 2.97E-12 | 2264 | 2.42E-12 | 2366 | 2.16E-12 | 2468 | 2.76E-12 | 2570 | 4.23E-12 | 2672 | 8.45E-12 | 2774 | 8.21E-12 | 2876 | 1.20E-11 | 2978 | 1.79E-11 | 3080 | 2.02E-11 | 3182 | 2.09E-11 |
| 2062 | 2.49E-14 | 2164 | 2.09E-12 | 2266 | 2.38E-12 | 2368 | 2.50E-12 | 2470 | 2.82E-12 | 2572 | 4.79E-12 | 2674 | 8.56E-12 | 2776 | 8.28E-12 | 2878 | 1.16E-11 | 2980 | 1.70E-11 | 3082 | 2.06E-11 | 3184 | 2.13E-11 |
| 2064 | -1.10E-12 | 2166 | 1.84E-12 | 2268 | 1.46E-12 | 2370 | 2.27E-12 | 2472 | 2.78E-12 | 2574 | 5.07E-12 | 2676 | 8.55E-12 | 2778 | 8.13E-12 | 2880 | 1.10E-11 | 2982 | 1.57E-11 | 3084 | 2.12E-11 | 3186 | 2.24E-11 |
| 2066 | 4.97E-13 | 2168 | 1.26E-12 | 2270 | 1.56E-12 | 2372 | 2.41E-12 | 2474 | 2.92E-12 | 2576 | 4.89E-12 | 2678 | 8.59E-12 | 2780 | 7.67E-12 | 2882 | 1.09E-11 | 2984 | 1.48E-11 | 3086 | 2.16E-11 | 3188 | 2.31E-11 |
| 2068 | 8.91E-13 | 2170 | 1.85E-12 | 2272 | 1.81E-12 | 2374 | 2.57E-12 | 2476 | 2.82E-12 | 2578 | 4.49E-12 | 2680 | 8.52E-12 | 2782 | 6.94E-12 | 2884 | 1.13E-11 | 2986 | 1.46E-11 | 3088 | 2.19E-11 | 3190 | 2.36E-11 |
| 2070 | 1.23E-13 | 2172 | 1.92E-12 | 2274 | 1.67E-12 | 2376 | 2.52E-12 | 2478 | 3.00E-12 | 2580 | 4.84E-12 | 2682 | 8.24E-12 | 2784 | 6.56E-12 | 2886 | 1.19E-11 | 2988 | 1.50E-11 | 3090 | 2.19E-11 | 3192 | 2.30E-11 |
| 2072 | 7.77E-13 | 2174 | 1.82E-12 | 2276 | 2.50E-12 | 2378 | 2.37E-12 | 2480 | 3.05E-12 | 2582 | 4.54E-12 | 2684 | 8.05E-12 | 2786 | 6.33E-12 | 2888 | 1.27E-11 | 2990 | 1.61E-11 | 3092 | 2.06E-11 | 3194 | 2.31E-11 |
| 2074 | 1.13E-12 | 2176 | 3.13E-12 | 2278 | 2.00E-12 | 2380 | 2.48E-12 | 2482 | 2.66E-12 | 2584 | 4.43E-12 | 2686 | 7.81E-12 | 2788 | 6.15E-12 | 2890 | 1.30E-11 | 2992 | 1.68E-11 | 3094 | 1.97E-11 | 3196 | 2.43E-11 |
| 2076 | 3.24E-12 | 2178 | 2.97E-12 | 2280 | 2.05E-12 | 2382 | 2.25E-12 | 2484 | 2.69E-12 | 2586 | 4.71E-12 | 2688 | 7.95E-12 | 2790 | 5.74E-12 | 2892 | 1.26E-11 | 2994 | 1.72E-11 | 3096 | 1.92E-11 | 3198 | 2.53E-11 |


HD 220657 F8 IV V=4.40 (B-V)=0.61 E(B-V)=0.08
LAP: LWP 14389
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

HD 22879 F9 V V=6.68 (B-V)=0.55 E(B-V)=-0.01

LAP: LWP 10008, LWP 12327

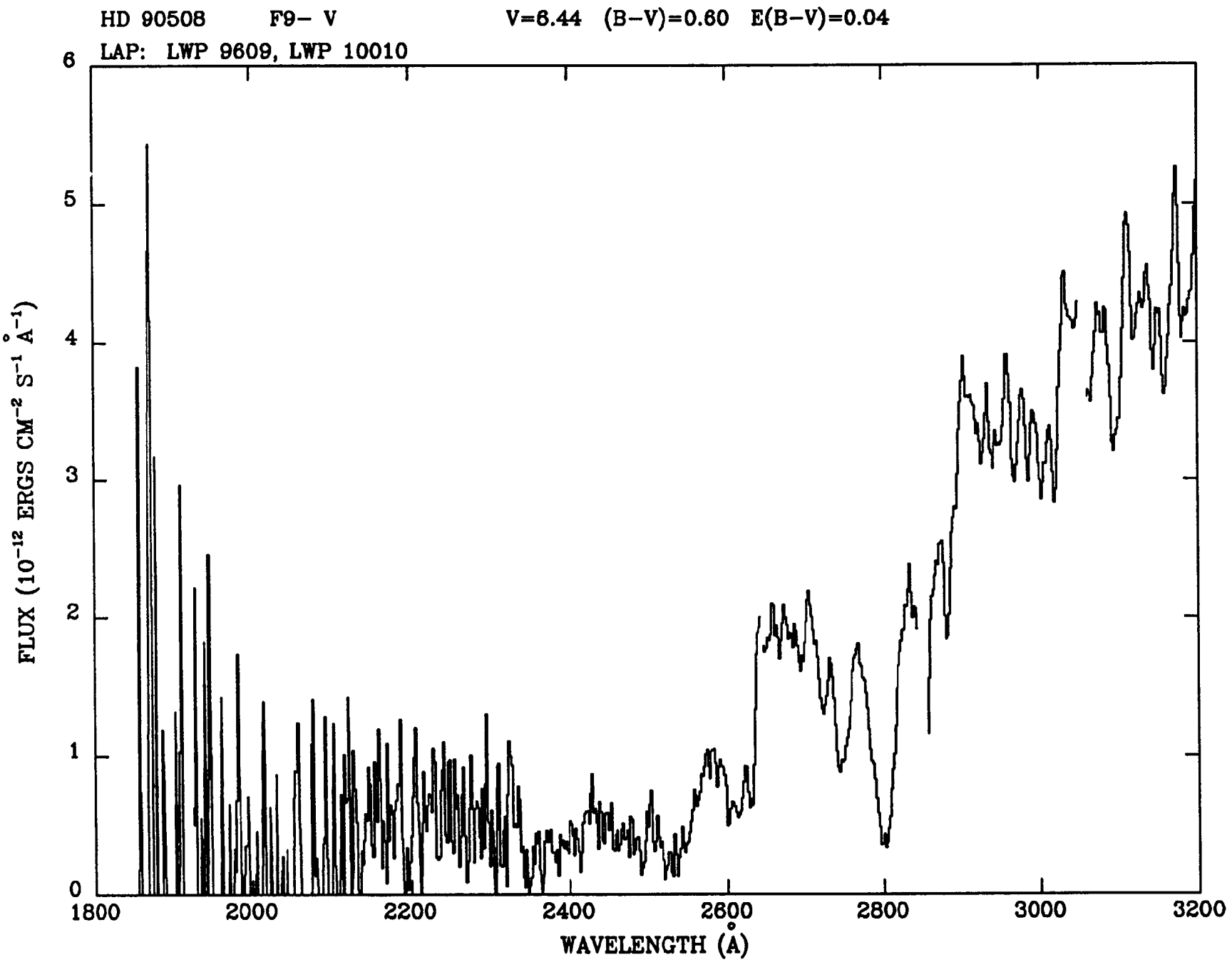
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -3.53E-13 | 2078 | 8.99E-13 | 2180 | 1.32E-12 | 2282 | 1.21E-12 | 2384 | 4.87E-13 | 2486 | 8.83E-13 | 2588 | 1.44E-12 | 2690 | 2.86E-12 | 2792 | 9.81E-13 | 2894 | 2.91E-12 | 2996 | 4.12E-12 | 3098 | 3.65E-12 |
| 1978 | 3.20E-13 | 2080 | 3.89E-13 | 2182 | 1.02E-12 | 2284 | 1.11E-12 | 2386 | 5.82E-13 | 2488 | 8.33E-13 | 2590 | 1.57E-12 | 2692 | 2.64E-12 | 2794 | 8.06E-13 | 2896 | 3.06E-12 | 2998 | 4.04E-12 | 3100 | 3.55E-12 |
| 1980 | 1.03E-12 | 2082 | 1.05E-12 | 2184 | 1.29E-12 | 2286 | 1.02E-12 | 2388 | 9.40E-13 | 2490 | 5.32E-13 | 2592 | 1.57E-12 | 2694 | 2.56E-12 | 2796 | 6.00E-13 | 2898 | 3.52E-12 | 3000 | 3.97E-12 | 3102 | 3.62E-12 |
| 1982 | 1.96E-12 | 2084 | -9.02E-13 | 2186 | 1.67E-12 | 2288 | 9.58E-13 | 2390 | 8.51E-13 | 2492 | 5.26E-13 | 2594 | 1.70E-12 | 2696 | 2.60E-12 | 2798 | 4.74E-13 | 2900 | 3.85E-12 | 3002 | 3.82E-12 | 3104 | 3.72E-12 |
| 1984 | 1.03E-12 | 2086 | -2.77E-13 | 2188 | 1.54E-12 | 2290 | 1.65E-12 | 2392 | 7.82E-13 | 2494 | 4.58E-13 | 2596 | 1.76E-12 | 2698 | 2.41E-12 | 2800 | 4.13E-13 | 2902 | 3.89E-12 | 3004 | 3.68E-12 | 3106 | 3.97E-12 |
| 1986 | -4.54E-14 | 2088 | 5.98E-13 | 2190 | 5.92E-13 | 2292 | 9.70E-13 | 2394 | 7.78E-13 | 2496 | 6.87E-13 | 2598 | 1.60E-12 | 2700 | 2.42E-12 | 2802 | 3.50E-13 | 2904 | 3.94E-12 | 3006 | 3.65E-12 | 3108 | 4.43E-12 |
| 1988 | -2.33E-14 | 2090 | 1.18E-12 | 2192 | 2.22E-13 | 2294 | 1.87E-12 | 2396 | 9.18E-13 | 2498 | 1.02E-12 | 2600 | 1.27E-12 | 2702 | 2.56E-12 | 2804 | 3.62E-13 | 2906 | 3.98E-12 | 3008 | 3.72E-12 | 3110 | 4.76E-12 |
| 1990 | 7.80E-13 | 2092 | 2.24E-12 | 2194 | 8.06E-13 | 2296 | 2.19E-12 | 2398 | 9.19E-13 | 2500 | 1.08E-12 | 2602 | 1.03E-12 | 2704 | 2.82E-12 | 2806 | 4.01E-13 | 2908 | 3.95E-12 | 3010 | 3.94E-12 | 3112 | 4.85E-12 |
| 1992 | 1.07E-12 | 2094 | 3.35E-13 | 2196 | 8.55E-13 | 2298 | 1.04E-12 | 2400 | 1.11E-12 | 2502 | 1.43E-12 | 2604 | 1.09E-12 | 2706 | 2.94E-12 | 2808 | 5.13E-13 | 2910 | 3.81E-12 | 3012 | 4.00E-12 | 3114 | 4.96E-12 |
| 1994 | 1.21E-12 | 2096 | -8.94E-13 | 2198 | 5.96E-13 | 2300 | 8.65E-13 | 2402 | 9.70E-13 | 2504 | 1.29E-12 | 2606 | 1.41E-12 | 2708 | 2.82E-12 | 2810 | 7.40E-13 | 2912 | 3.72E-12 | 3014 | 4.03E-12 | 3116 | 4.80E-12 |
| 1996 | 1.18E-12 | 2098 | 4.59E-13 | 2200 | 1.07E-12 | 2302 | 1.30E-12 | 2404 | 7.13E-13 | 2506 | 9.47E-13 | 2608 | 1.38E-12 | 2710 | 2.71E-12 | 2812 | 8.86E-13 | 2914 | 3.72E-12 | 3016 | 4.06E-12 | 3118 | 4.60E-12 |
| 1998 | -5.42E-13 | 2100 | 1.13E-12 | 2202 | 1.48E-12 | 2304 | 1.07E-12 | 2406 | 5.34E-13 | 2508 | 9.91E-13 | 2610 | 1.17E-12 | 2712 | 2.59E-12 | 2814 | 9.78E-13 | 2916 | 3.77E-12 | 3018 | 3.94E-12 | 3120 | 4.39E-12 |
| 2000 | 2.43E-13 | 2102 | 2.09E-12 | 2204 | 1.76E-12 | 2306 | 5.78E-13 | 2408 | 8.15E-13 | 2510 | 1.14E-12 | 2612 | 1.11E-12 | 2714 | 2.54E-12 | 2816 | 1.27E-12 | 2918 | 3.79E-12 | 3020 | 3.74E-12 | 3122 | 4.14E-12 |
| 2002 | -2.83E-13 | 2104 | 1.30E-12 | 2206 | 1.69E-12 | 2308 | 1.17E-12 | 2410 | 9.11E-13 | 2512 | 1.05E-12 | 2614 | 1.07E-12 | 2716 | 2.51E-12 | 2818 | 1.51E-12 | 2920 | 3.91E-12 | 3022 | 3.56E-12 | 3124 | 3.96E-12 |
| 2004 | -1.81E-13 | 2106 | 1.25E-13 | 2208 | 1.36E-12 | 2310 | 1.61E-12 | 2412 | 6.85E-13 | 2514 | 8.98E-13 | 2616 | 9.49E-13 | 2718 | 2.47E-12 | 2820 | 1.77E-12 | 2922 | 4.01E-12 | 3024 | 3.60E-12 | 3126 | 4.08E-12 |
| 2006 | -6.18E-13 | 2108 | -6.09E-13 | 2210 | 1.15E-12 | 2312 | 1.12E-12 | 2414 | 5.17E-13 | 2516 | 9.02E-13 | 2618 | 9.96E-13 | 2720 | 2.37E-12 | 2822 | 2.08E-12 | 2924 | 4.00E-12 | 3026 | 3.87E-12 | 3128 | 4.28E-12 |
| 2008 | -1.47E-12 | 2110 | 1.71E-13 | 2212 | 4.06E-13 | 2314 | 9.59E-13 | 2416 | 6.76E-13 | 2518 | 6.32E-13 | 2620 | 1.20E-12 | 2722 | 2.26E-12 | 2824 | 2.28E-12 | 2926 | 3.85E-12 | 3028 | 4.04E-12 | 3130 | 4.34E-12 |
| 2010 | -2.68E-13 | 2112 | 1.19E-12 | 2214 | 1.34E-12 | 2316 | 1.07E-12 | 2418 | 7.88E-13 | 2520 | 4.58E-13 | 2622 | 1.45E-12 | 2724 | 2.11E-12 | 2826 | 2.44E-12 | 2928 | 3.63E-12 | 3030 | 4.33E-12 | 3132 | 4.32E-12 |
| 2012 | 7.95E-13 | 2114 | 8.29E-13 | 2216 | 1.19E-12 | 2318 | 1.05E-12 | 2420 | 1.06E-12 | 2522 | 3.59E-13 | 2624 | 1.54E-12 | 2726 | 1.99E-12 | 2828 | 2.62E-12 | 2930 | 3.49E-12 | 3032 | 4.47E-12 | 3134 | 4.33E-12 |
| 2014 | 2.70E-12 | 2116 | 1.46E-12 | 2218 | 9.82E-13 | 2320 | 8.07E-13 | 2422 | 1.25E-12 | 2524 | 3.66E-13 | 2626 | 1.67E-12 | 2728 | 2.15E-12 | 2830 | 2.65E-12 | 2932 | 3.52E-12 | 3034 | 4.51E-12 | 3136 | 4.39E-12 |
| 2016 | 1.32E-12 | 2118 | 1.39E-12 | 2220 | 9.51E-13 | 2322 | 1.54E-12 | 2424 | 1.10E-12 | 2526 | 5.23E-13 | 2628 | 1.69E-12 | 2730 | 2.29E-12 | 2832 | 2.77E-12 | 2934 | 3.61E-12 | 3036 | 4.53E-12 | 3138 | 4.29E-12 |
| 2018 | -5.04E-13 | 2120 | 1.59E-12 | 2222 | 1.21E-12 | 2324 | 1.88E-12 | 2426 | 1.27E-12 | 2528 | 4.77E-13 | 2630 | 1.42E-12 | 2732 | 2.33E-12 | 2834 | 2.95E-12 | 2936 | 3.61E-12 | 3038 | 4.40E-12 | 3140 | 4.23E-12 |
| 2020 | -4.40E-13 | 2122 | 2.10E-12 | 2224 | 1.19E-12 | 2326 | 1.76E-12 | 2428 | 1.53E-12 | 2530 | 3.79E-13 | 2632 | 1.12E-12 | 2734 | 2.40E-12 | 2836 | 2.67E-12 | 2938 | 3.60E-12 | 3040 | 4.15E-12 | 3142 | 4.25E-12 |
| 2022 | 1.15E-12 | 2124 | 1.31E-13 | 2226 | 1.32E-12 | 2328 | 1.51E-12 | 2430 | 1.36E-12 | 2532 | 5.95E-13 | 2634 | 1.21E-12 | 2736 | 2.39E-12 | 2838 | 2.57E-12 | 2940 | 3.43E-12 | 3042 | 4.21E-12 | 3144 | 4.04E-12 |
| 2024 | 8.97E-13 | 2126 | 8.64E-13 | 2228 | 1.38E-12 | 2330 | 1.17E-12 | 2432 | 1.32E-12 | 2534 | 6.62E-13 | 2636 | 1.56E-12 | 2738 | 2.19E-12 | 2840 | 2.67E-12 | 2942 | 3.35E-12 | 3044 | 4.26E-12 | 3146 | 3.82E-12 |
| 2026 | -5.28E-14 | 2128 | 1.51E-12 | 2230 | 1.27E-12 | 2332 | 1.21E-12 | 2434 | 1.16E-12 | 2536 | 4.28E-13 | 2638 | 2.15E-12 | 2740 | 1.89E-12 | 2842 | 2.72E-12 | 2944 | 3.54E-12 | 3046 | 4.41E-12 | 3148 | 3.95E-12 |
| 2028 | 4.38E-13 | 2130 | 8.13E-13 | 2232 | 3.87E-13 | 2334 | 1.27E-12 | 2436 | 9.62E-13 | 2538 | 4.56E-13 | 2640 | 2.44E-12 | 2742 | 1.65E-12 | 2844 | 2.64E-12 | 2946 | 3.66E-12 | 3048 | 4.61E-12 | 3150 | 4.21E-12 |
| 2030 | 1.55E-12 | 2132 | 2.91E-13 | 2234 | 4.11E-13 | 2336 | 7.77E-13 | 2438 | 1.40E-12 | 2540 | 6.21E-13 | 2642 | 2.63E-12 | 2744 | 1.57E-12 | 2846 | | 2948 | 3.70E-12 | 3050 | 4.67E-12 | 3152 | 4.40E-12 |
| 2032 | -4.82E-13 | 2134 | -2.95E-13 | 2236 | 7.82E-13 | 2338 | 1.93E-13 | 2440 | 1.14E-12 | 2542 | 7.93E-13 | 2644 | 2.93E-12 | 2746 | 1.56E-12 | 2848 | | 2950 | 3.62E-12 | 3052 | | 3154 | 4.43E-12 |
| 2034 | 2.79E-13 | 2136 | 3.48E-13 | 2238 | 1.31E-12 | 2340 | 5.14E-13 | 2442 | 7.66E-13 | 2544 | 7.19E-13 | 2646 | | 2748 | 1.50E-12 | 2850 | | 2952 | 3.53E-12 | 3054 | | 3156 | 4.32E-12 |
| 2036 | 7.79E-13 | 2138 | 7.52E-13 | 2240 | 1.56E-12 | 2342 | 6.08E-13 | 2444 | 9.95E-13 | 2546 | 7.78E-13 | 2648 | 2.90E-12 | 2750 | 1.51E-12 | 2852 | | 2954 | 3.74E-12 | 3056 | | 3158 | 3.96E-12 |
| 2038 | 4.60E-13 | 2140 | 6.05E-13 | 2242 | 1.62E-12 | 2344 | 7.52E-13 | 2446 | 1.21E-12 | 2548 | 8.98E-13 | 2650 | 3.00E-12 | 2752 | 1.46E-12 | 2854 | | 2956 | 3.93E-12 | 3058 | | 3160 | 3.60E-12 |
| 2040 | -7.42E-13 | 2142 | 6.47E-13 | 2244 | 9.46E-13 | 2346 | 8.66E-13 | 2448 | 1.21E-12 | 2550 | 8.93E-13 | 2652 | 3.02E-12 | 2754 | 1.55E-12 | 2856 | 9.46E-13 | 2958 | 4.10E-12 | 3060 | 3.91E-12 | 3162 | 3.45E-12 |
| 2042 | 6.70E-13 | 2144 | 8.01E-13 | 2246 | 1.34E-12 | 2348 | 2.72E-13 | 2450 | 1.28E-12 | 2552 | 9.35E-13 | 2654 | 2.92E-12 | 2756 | 1.79E-12 | 2858 | 1.13E-12 | 2960 | 4.03E-12 | 3062 | 3.86E-12 | 3164 | 3.65E-12 |
| 2044 | 8.93E-13 | 2146 | 1.29E-12 | 2248 | 2.05E-12 | 2350 | 6.28E-13 | 2452 | 1.44E-12 | 2554 | 1.01E-12 | 2656 | 2.87E-12 | 2758 | 1.91E-12 | 2860 | 1.63E-12 | 2962 | 3.90E-12 | 3064 | 3.88E-12 | 3166 | 3.85E-12 |
| 2046 | -4.92E-13 | 2148 | 1.89E-12 | 2250 | 1.65E-12 | 2352 | 5.66E-13 | 2454 | 1.20E-12 | 2556 | 1.19E-12 | 2658 | 3.05E-12 | 2760 | 1.85E-12 | 2862 | 2.17E-12 | 2964 | 3.81E-12 | 3066 | 3.88E-12 | 3168 | 3.83E-12 |
| 2048 | -6.47E-13 | 2150 | 9.89E-13 | 2252 | 1.21E-12 | 2354 | 9.12E-13 | 2456 | 1.00E-12 | 2558 | 1.43E-12 | 2660 | 3.20E-12 | 2762 | 2.02E-12 | 2864 | 2.56E-12 | 2966 | 3.61E-12 | 3068 | 3.88E-12 | 3170 | 3.95E-12 |
| 2050 | -3.57E-13 | 2152 | 9.60E-13 | 2254 | 1.64E-12 | 2356 | 8.32E-13 | 2458 | 1.04E-12 | 2560 | 1.41E-12 | 2662 | 3.05E-12 | 2764 | 2.25E-12 | 2866 | 2.88E-12 | 2968 | 3.51E-12 | 3070 | 3.84E-12 | 3172 | 4.24E-12 |
| 2052 | -1.43E-13 | 2154 | 1.91E-12 | 2256 | 1.69E-12 | 2358 | 1.33E-12 | 2460 | 1.12E-12 | 2562 | 1.42E-12 | 2664 | 2.89E-12 | 2766 | 2.35E-12 | 2868 | 3.00E-12 | 2970 | 3.58E-12 | 3072 | 3.95E-12 | 3174 | 4.36E-12 |
| 2054 | 5.57E-13 | 2156 | 1.28E-12 | 2258 | 1.61E-12 | 2360 | 1.05E-12 | 2462 | 8.66E-13 | 2564 | 1.43E-12 | 2666 | 2.57E-12 | 2768 | 2.31E-12 | 2870 | 2.98E-12 | 2972 | 3.52E-12 | 3074 | 4.02E-12 | 3176 | 4.35E-12 |
| 2056 | 1.40E-12 | 2158 | 1.11E-12 | 2260 | 1.10E-12 | 2362 | 9.88E-13 | 2464 | 9.63E-13 | 2566 | 1.40E-12 | 2668 | 2.39E-12 | 2770 | 2.22E-12 | 2872 | 3.08E-12 | 2974 | 3.58E-12 | 3076 | 4.23E-12 | 3178 | 4.29E-12 |
| 2058 | 1.77E-12 | 2160 | 1.40E-12 | 2262 | 7.59E-13 | 2364 | 5.89E-13 | 2466 | 1.01E-12 | 2568 | 1.43E-12 | 2670 | 2.60E-12 | 2772 | 2.18E-12 | 2874 | 3.20E-12 | 2976 | 3.87E-12 | 3078 | 4.40E-12 | 3180 | 4.30E-12 |
| 2060 | 9.05E-13 | 2162 | 8.70E-13 | 2264 | 9.97E-13 | 2366 | 6.22E-13 | 2468 | 9.19E-13 | 2570 | 1.50E-12 | 2672 | 2.71E-12 | 2774 | 2.30E-12 | 2876 | 3.26E-12 | 2978 | 4.10E-12 | 3080 | 4.50E-12 | 3182 | 4.54E-12 |
| 2062 | 2.08E-13 | 2164 | 6.72E-13 | 2266 | 1.13E-12 | 2368 | 9.62E-13 | 2470 | 9.58E-13 | 2572 | 1.66E-12 | 2674 | 2.70E-12 | 2776 | 2.37E-12 | 2878 | 2.98E-12 | 2980 | 4.16E-12 | 3082 | 4.51E-12 | 3184 | 4.54E-12 |
| 2064 | 1.23E-13 | 2166 | 8.42E-13 | 2268 | 8.15E-13 | 2370 | 9.67E-13 | 2472 | 9.45E-13 | 2574 | 1.80E-12 | 2676 | 2.58E-12 | 2778 | 2.24E-12 | 2880 | 2.68E-12 | 2982 | 3.98E-12 | 3084 | 4.45E-12 | 3186 | 4.42E-12 |
| 2066 | 3.50E-13 | 2168 | 3.28E-13 | 2270 | 6.20E-13 | 2372 | 6.38E-13 | 2474 | 8.69E-13 | 2576 | 1.64E-12 | 2678 | 2.63E-12 | 2780 | 2.08E-12 | 2882 | 2.45E-12 | 2984 | 3.83E-12 | 3086 | 4.31E-12 | 3188 | 4.50E-12 |
| 2068 | -4.53E-13 | 2170 | 6.35E-13 | 2272 | 9.13E-13 | 2374 | 8.05E-13 | 2476 | 9.75E-13 | 2578 | 1.53E-12 | 2680 | 2.62E-12 | 2782 | 1.78E-12 | 2884 | 2.24E-12 | 2986 | 3.60E-12 | 3088 | 4.16E-12 | 3190 | 4.50E-12 |
| 2070 | 3.15E-13 | 2172 | 8.85E-13 | 2274 | 1.51E-12 | 2376 | 1.18E-12 | 2478 | 1.24E-12 | 2580 | 1.55E-12 | 2682 | 2.64E-12 | 2784 | 1.54E-12 | 2886 | 2.40E-12 | 2988 | 3.61E-12 | 3090 | 3.96E-12 | 3192 | 4.21E-12 |
| 2072 | 4.38E-13 | 2174 | 9.01E-13 | 2276 | 1.42E-12 | 2378 | 1.02E-12 | 2480 | 9.86E-13 | 2582 | 1.52E-12 | 2684 | 2.65E-12 | 2786 | 1.35E-12 | 2888 | 2.88E-12 | 2990 | 3.75E-12 | 3092 | 3.70E-12 | 3194 | 4.05E-12 |
| 2074 | 1.05E-12 | 2176 | 6.44E-13 | 2278 | 7.87E-13 | 2380 | 7.48E-13 | 2482 | 7.98E-13 | 2584 | 1.77E-12 | 2686 | 2.85E-12 | 2788 | 1.29E-12 | 2890 | 3.09E-12 | 2992 | 3.93E-12 | 3094 | 3.64E-12 | 3196 | 4.20E-12 |
| 2076 | 1.74E-12 | 2178 | 7.99E-13 | 2280 | 9.58E-13 | 2382 | 5.46E-13 | 2484 | 8.17E-13 | 2586 | 1.69E-12 | 2688 | 2.94E-12 | 2790 | 1.17E-12 | 2892 | 3.12E-12 | 2994 | 4.06E-12 | 3096 | 3.71E-12 | 3198 | 4.38E-12 |


HD 22879 F9 V V=6.68 (B−V)=0.55 E(B−V)=−0.01
LAP: LWP 10008, LWP 12327
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

HD 90508 F9- V V=6.44 (B-V)=0.60 E(B-V)=0.04

LAP: LWP 9609, LWP 10010

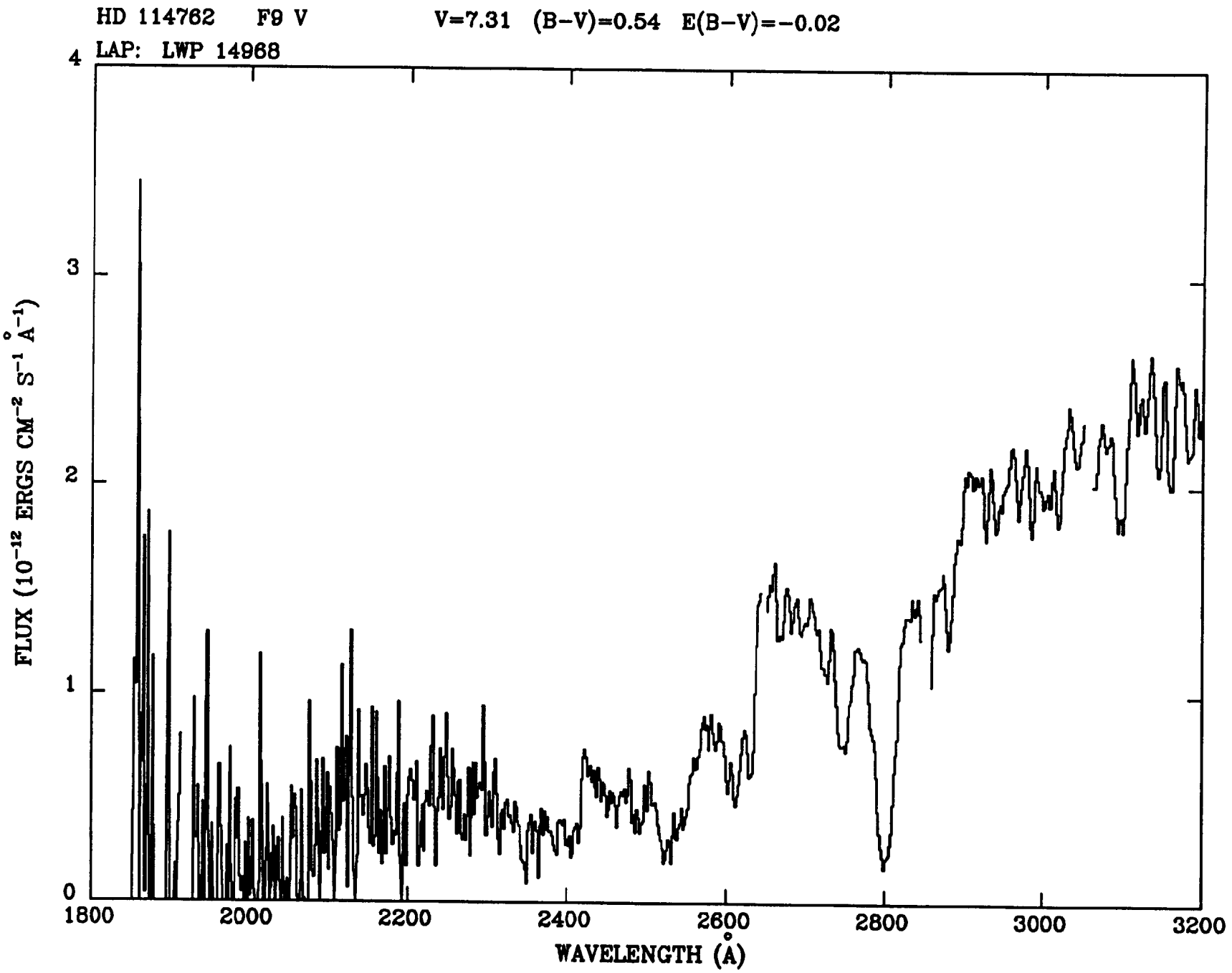
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 6.68E-14 | 2078 | 7.69E-13 | 2180 | 6.18E-13 | 2282 | 6.53E-13 | 2384 | 2.93E-13 | 2486 | 4.10E-13 | 2588 | 8.23E-13 | 2690 | 1.81E-12 | 2792 | 6.51E-13 | 2894 | 2.79E-12 | 2996 | 3.37E-12 | 3098 | 3.37E-12 |
| 1978 | 2.21E-13 | 2080 | 2.03E-13 | 2182 | 6.98E-13 | 2284 | 6.45E-13 | 2386 | 2.09E-13 | 2488 | 3.38E-13 | 2590 | 9.42E-13 | 2692 | 1.69E-12 | 2794 | 5.42E-13 | 2896 | 3.04E-12 | 2998 | 3.22E-12 | 3100 | 3.44E-12 |
| 1980 | 5.25E-13 | 2082 | 3.46E-14 | 2184 | 7.99E-13 | 2286 | 4.67E-13 | 2388 | 4.07E-13 | 2490 | 1.67E-13 | 2592 | 9.56E-13 | 2694 | 1.61E-12 | 2796 | 4.15E-13 | 2898 | 3.38E-12 | 3000 | 3.04E-12 | 3102 | 3.51E-12 |
| 1982 | 1.47E-12 | 2084 | -7.30E-13 | 2186 | 9.09E-13 | 2288 | 2.93E-13 | 2390 | 3.68E-13 | 2492 | 1.85E-13 | 2594 | 9.26E-13 | 2696 | 1.72E-12 | 2798 | 3.60E-13 | 2900 | 3.57E-12 | 3002 | 2.90E-12 | 3104 | 3.84E-12 |
| 1984 | 1.04E-12 | 2086 | -7.17E-13 | 2188 | 9.60E-13 | 2290 | 6.88E-13 | 2392 | 3.64E-13 | 2494 | 2.38E-13 | 2596 | 8.90E-13 | 2698 | 1.70E-12 | 2800 | 4.09E-13 | 2902 | 3.76E-12 | 3004 | 2.95E-12 | 3106 | 4.22E-12 |
| 1986 | 8.24E-14 | 2088 | 1.69E-13 | 2190 | 1.48E-13 | 2292 | 3.55E-13 | 2394 | 3.59E-13 | 2496 | 4.09E-13 | 2598 | 8.18E-13 | 2700 | 1.85E-12 | 2802 | 3.62E-13 | 2904 | 3.85E-12 | 3006 | 3.10E-12 | 3108 | 4.62E-12 |
| 1988 | -5.25E-13 | 2090 | 4.03E-13 | 2192 | -1.13E-13 | 2294 | 8.22E-13 | 2396 | 3.50E-13 | 2498 | 5.85E-13 | 2600 | 6.01E-13 | 2702 | 2.00E-12 | 2804 | 3.65E-13 | 2906 | 3.70E-12 | 3008 | 3.11E-12 | 3110 | 4.89E-12 |
| 1990 | 1.63E-13 | 2092 | 1.24E-12 | 2194 | 1.99E-13 | 2296 | 1.23E-12 | 2398 | 3.05E-13 | 2500 | 5.29E-13 | 2602 | 5.10E-13 | 2704 | 2.15E-12 | 2806 | 4.60E-13 | 2908 | 3.60E-12 | 3010 | 3.26E-12 | 3112 | 4.88E-12 |
| 1992 | 3.50E-13 | 2094 | 1.89E-13 | 2196 | 1.54E-13 | 2298 | 4.75E-13 | 2400 | 4.61E-13 | 2502 | 6.80E-13 | 2604 | 5.98E-13 | 2706 | 2.15E-12 | 2808 | 5.54E-13 | 2910 | 3.60E-12 | 3012 | 3.36E-12 | 3114 | 4.73E-12 |
| 1994 | 4.45E-13 | 2096 | -1.06E-12 | 2198 | 1.63E-13 | 2300 | 3.05E-13 | 2402 | 5.12E-13 | 2504 | 6.19E-13 | 2606 | 6.63E-13 | 2708 | 2.05E-12 | 2810 | 7.56E-13 | 2912 | 3.60E-12 | 3014 | 3.37E-12 | 3116 | 4.39E-12 |
| 1996 | 2.57E-13 | 2098 | -3.57E-13 | 2200 | 3.75E-13 | 2302 | 5.65E-13 | 2404 | 4.35E-13 | 2506 | 3.51E-13 | 2608 | 6.63E-13 | 2710 | 1.95E-12 | 2812 | 9.15E-13 | 2914 | 3.58E-12 | 3016 | 3.23E-12 | 3118 | 4.07E-12 |
| 1998 | -5.84E-13 | 2100 | 9.32E-14 | 2202 | 6.50E-13 | 2304 | 2.70E-13 | 2406 | 2.98E-13 | 2508 | 3.45E-13 | 2610 | 6.34E-13 | 2712 | 1.85E-12 | 2814 | 1.04E-12 | 2916 | 3.55E-12 | 3018 | 2.99E-12 | 3120 | 4.03E-12 |
| 2000 | -5.49E-14 | 2102 | 1.04E-12 | 2204 | 9.48E-13 | 2306 | -1.02E-13 | 2408 | 4.65E-13 | 2510 | 4.85E-13 | 2612 | 5.88E-13 | 2714 | 1.82E-12 | 2816 | 1.28E-12 | 2918 | 3.46E-12 | 3020 | 2.87E-12 | 3122 | 4.08E-12 |
| 2002 | -6.32E-14 | 2104 | 8.21E-13 | 2206 | 1.19E-12 | 2308 | 4.03E-13 | 2410 | 3.94E-13 | 2512 | 4.75E-13 | 2614 | 5.64E-13 | 2716 | 1.74E-12 | 2818 | 1.53E-12 | 2920 | 3.35E-12 | 3022 | 3.04E-12 | 3124 | 4.20E-12 |
| 2004 | 1.25E-13 | 2106 | -1.92E-14 | 2208 | 6.58E-13 | 2310 | 9.40E-13 | 2412 | 2.89E-13 | 2514 | 3.67E-13 | 2616 | 5.83E-13 | 2718 | 1.58E-12 | 2820 | 1.68E-12 | 2922 | 3.40E-12 | 3024 | 3.42E-12 | 3126 | 4.28E-12 |
| 2006 | 4.39E-13 | 2108 | -4.24E-13 | 2210 | 4.63E-13 | 2312 | 4.66E-13 | 2414 | 1.98E-13 | 2516 | 3.70E-13 | 2618 | 6.36E-13 | 2720 | 1.43E-12 | 2822 | 1.78E-12 | 2924 | 3.28E-12 | 3026 | 3.81E-12 | 3128 | 4.35E-12 |
| 2008 | -1.25E-12 | 2110 | 4.57E-14 | 2212 | -4.47E-14 | 2314 | 2.02E-13 | 2416 | 3.65E-13 | 2518 | 2.72E-13 | 2620 | 7.45E-13 | 2722 | 1.34E-12 | 2824 | 1.86E-12 | 2926 | 3.12E-12 | 3028 | 4.05E-12 | 3130 | 4.29E-12 |
| 2010 | -4.17E-13 | 2112 | 6.22E-13 | 2214 | 6.12E-13 | 2316 | 3.97E-13 | 2418 | 5.41E-13 | 2520 | 1.29E-13 | 2622 | 8.67E-13 | 2724 | 1.31E-12 | 2826 | 1.91E-12 | 2928 | 3.21E-12 | 3030 | 4.35E-12 | 3132 | 4.26E-12 |
| 2012 | 3.11E-14 | 2114 | 1.92E-13 | 2216 | 7.96E-13 | 2318 | 5.47E-13 | 2420 | 5.91E-13 | 2522 | 1.72E-13 | 2624 | 9.27E-13 | 2726 | 1.37E-12 | 2828 | 2.02E-12 | 2930 | 3.34E-12 | 3032 | 4.50E-12 | 3134 | 4.36E-12 |
| 2014 | 1.28E-12 | 2116 | 8.11E-13 | 2218 | 5.40E-13 | 2320 | 1.10E-13 | 2422 | 6.01E-13 | 2524 | 2.11E-13 | 2626 | 8.16E-13 | 2728 | 1.45E-12 | 2830 | 2.08E-12 | 2932 | 3.54E-12 | 3034 | 4.32E-12 | 3136 | 4.52E-12 |
| 2016 | 6.94E-13 | 2118 | 7.18E-13 | 2220 | 5.43E-13 | 2322 | 7.06E-13 | 2424 | 5.55E-13 | 2526 | 3.03E-13 | 2628 | 6.69E-13 | 2730 | 1.58E-12 | 2832 | 2.17E-12 | 2934 | 3.60E-12 | 3036 | 4.24E-12 | 3138 | 4.49E-12 |
| 2018 | -7.76E-13 | 2120 | 6.92E-13 | 2222 | 6.85E-13 | 2324 | 1.10E-12 | 2426 | 6.45E-13 | 2528 | 2.74E-13 | 2630 | 6.76E-13 | 2732 | 1.69E-12 | 2834 | 2.36E-12 | 2936 | 3.34E-12 | 3038 | 4.18E-12 | 3140 | 4.35E-12 |
| 2020 | -8.73E-13 | 2122 | 1.34E-12 | 2224 | 7.20E-13 | 2326 | 9.92E-13 | 2428 | 8.21E-13 | 2530 | 1.50E-13 | 2632 | 6.57E-13 | 2734 | 1.63E-12 | 2836 | 2.20E-12 | 2938 | 3.20E-12 | 3040 | 4.18E-12 | 3142 | 4.08E-12 |
| 2022 | 4.70E-14 | 2124 | -4.96E-14 | 2226 | 6.39E-13 | 2328 | 8.24E-13 | 2430 | 6.61E-13 | 2532 | 2.36E-13 | 2634 | 8.95E-13 | 2736 | 1.50E-12 | 2838 | 2.01E-12 | 2940 | 3.13E-12 | 3042 | 4.15E-12 | 3144 | 3.84E-12 |
| 2024 | 1.86E-13 | 2126 | 3.32E-13 | 2228 | 9.17E-13 | 2330 | 4.97E-13 | 2432 | 6.17E-13 | 2534 | 3.76E-13 | 2636 | 1.30E-12 | 2738 | 1.32E-12 | 2840 | 2.07E-12 | 2942 | 3.19E-12 | 3044 | 4.10E-12 | 3146 | 3.93E-12 |
| 2026 | -1.59E-13 | 2128 | 9.72E-13 | 2230 | 9.84E-13 | 2332 | 5.03E-13 | 2434 | 5.32E-13 | 2536 | 2.20E-13 | 2638 | 1.72E-12 | 2740 | 1.12E-12 | 2842 | 2.04E-12 | 2944 | 3.32E-12 | 3046 | 4.12E-12 | 3148 | 4.19E-12 |
| 2028 | -4.23E-13 | 2130 | 6.91E-13 | 2232 | 3.70E-13 | 2334 | 6.19E-13 | 2436 | 3.38E-13 | 2538 | 2.04E-13 | 2640 | 1.89E-12 | 2742 | 9.61E-13 | 2844 | 1.91E-12 | 2946 | 3.28E-12 | 3048 | 4.21E-12 | 3150 | 4.21E-12 |
| 2030 | 5.93E-13 | 2132 | 3.51E-13 | 2234 | 2.55E-13 | 2336 | 7.34E-13 | 2438 | 6.66E-13 | 2540 | 3.02E-13 | 2642 | 1.94E-12 | 2744 | 8.98E-13 | 2846 | | 2948 | 3.26E-12 | 3050 | 4.29E-12 | 3152 | 4.23E-12 |
| 2032 | -5.95E-13 | 2134 | -1.22E-13 | 2236 | 2.94E-13 | 2338 | 4.78E-13 | 2440 | 5.67E-13 | 2542 | 4.32E-13 | 2644 | 2.00E-12 | 2746 | 9.50E-13 | 2848 | | 2950 | 3.25E-12 | 3052 | | 3154 | 4.03E-12 |
| 2034 | -2.92E-13 | 2136 | 2.40E-15 | 2238 | 7.68E-13 | 2340 | 3.30E-13 | 2442 | 3.84E-13 | 2544 | 4.02E-13 | 2646 | | 2748 | 9.60E-13 | 2850 | | 2952 | 3.27E-12 | 3054 | | 3156 | 3.74E-12 |
| 2036 | 1.78E-13 | 2138 | 2.60E-13 | 2240 | 9.30E-13 | 2342 | 2.00E-13 | 2444 | 4.23E-13 | 2546 | 3.17E-13 | 2648 | 1.78E-12 | 2750 | 9.70E-13 | 2852 | | 2954 | 3.39E-12 | 3056 | | 3158 | 3.63E-12 |
| 2038 | 1.06E-13 | 2140 | 3.29E-13 | 2242 | 9.32E-13 | 2344 | 6.86E-14 | 2446 | 5.88E-13 | 2548 | 3.51E-13 | 2650 | 1.76E-12 | 2752 | 1.07E-12 | 2854 | | 2956 | 3.63E-12 | 3058 | | 3160 | 3.72E-12 |
| 2040 | -7.07E-13 | 2142 | 5.26E-13 | 2244 | 4.13E-13 | 2346 | 2.68E-13 | 2448 | 5.42E-13 | 2550 | 3.78E-13 | 2652 | 1.81E-12 | 2754 | 1.14E-12 | 2856 | 1.16E-12 | 2958 | 3.91E-12 | 3060 | 3.60E-12 | 3162 | 3.93E-12 |
| 2042 | -3.97E-14 | 2144 | 5.49E-13 | 2246 | 5.82E-13 | 2348 | 2.65E-14 | 2450 | 4.73E-13 | 2552 | 4.49E-13 | 2654 | 1.84E-12 | 2756 | 1.20E-12 | 2858 | 1.42E-12 | 2960 | 3.87E-12 | 3062 | 3.64E-12 | 3164 | 4.12E-12 |
| 2044 | 3.59E-14 | 2146 | 8.63E-13 | 2248 | 9.67E-13 | 2350 | 5.83E-14 | 2452 | 5.82E-13 | 2554 | 5.39E-13 | 2656 | 1.86E-12 | 2758 | 1.31E-12 | 2860 | 1.87E-12 | 2962 | 3.69E-12 | 3064 | 3.63E-12 | 3166 | 4.33E-12 |
| 2046 | -6.05E-13 | 2148 | 8.13E-13 | 2250 | 6.78E-13 | 2352 | 1.32E-13 | 2454 | 4.61E-13 | 2556 | 6.32E-13 | 2658 | 2.03E-12 | 2760 | 1.46E-12 | 2862 | 2.11E-12 | 2964 | 3.39E-12 | 3066 | 3.57E-12 | 3168 | 4.53E-12 |
| 2048 | -6.04E-13 | 2150 | 3.74E-13 | 2252 | 3.38E-13 | 2354 | 3.27E-13 | 2456 | 3.21E-13 | 2558 | 7.47E-13 | 2660 | 2.09E-12 | 2762 | 1.64E-12 | 2864 | 2.19E-12 | 2966 | 3.09E-12 | 3068 | 3.74E-12 | 3170 | 4.88E-12 |
| 2050 | -5.40E-13 | 2152 | 3.42E-13 | 2254 | 7.07E-13 | 2356 | 2.64E-13 | 2458 | 4.04E-13 | 2560 | 6.92E-13 | 2662 | 1.90E-12 | 2764 | 1.71E-12 | 2866 | 2.29E-12 | 2968 | 3.00E-12 | 3070 | 3.93E-12 | 3172 | 5.20E-12 |
| 2052 | 2.03E-13 | 2154 | 9.15E-13 | 2256 | 7.49E-13 | 2358 | 4.24E-13 | 2460 | 4.58E-13 | 2562 | 6.56E-13 | 2664 | 1.93E-12 | 2766 | 1.75E-12 | 2868 | 2.41E-12 | 2970 | 3.06E-12 | 3072 | 4.10E-12 | 3174 | 5.07E-12 |
| 2054 | 8.25E-13 | 2156 | 6.16E-13 | 2258 | 6.97E-13 | 2360 | 3.99E-13 | 2462 | 3.38E-13 | 2564 | 7.10E-13 | 2666 | 1.85E-12 | 2768 | 1.79E-12 | 2870 | 2.40E-12 | 2972 | 3.21E-12 | 3074 | 4.26E-12 | 3176 | 4.67E-12 |
| 2056 | 8.91E-13 | 2158 | 7.26E-13 | 2260 | 3.03E-13 | 2362 | 3.42E-13 | 2464 | 3.58E-13 | 2566 | 8.06E-13 | 2668 | 1.71E-12 | 2770 | 1.72E-12 | 2872 | 2.53E-12 | 2974 | 3.39E-12 | 3076 | 4.20E-12 | 3178 | 4.24E-12 |
| 2058 | 1.15E-12 | 2160 | 1.07E-12 | 2262 | 3.85E-13 | 2364 | 7.39E-14 | 2466 | 4.71E-13 | 2568 | 8.63E-13 | 2670 | 1.85E-12 | 2772 | 1.65E-12 | 2874 | 2.54E-12 | 2976 | 3.57E-12 | 3078 | 4.16E-12 | 3180 | 4.04E-12 |
| 2060 | 5.95E-13 | 2162 | 5.44E-13 | 2264 | 7.07E-13 | 2366 | 5.61E-14 | 2468 | 5.03E-13 | 2570 | 9.00E-13 | 2672 | 1.99E-12 | 2774 | 1.58E-12 | 2876 | 2.50E-12 | 2978 | 3.65E-12 | 3080 | 4.07E-12 | 3182 | 4.14E-12 |
| 2062 | -2.42E-13 | 2164 | 3.61E-13 | 2266 | 8.96E-13 | 2368 | 2.88E-13 | 2470 | 3.99E-13 | 2572 | 9.87E-13 | 2674 | 2.06E-12 | 2776 | 1.54E-12 | 2878 | 2.24E-12 | 2980 | 3.59E-12 | 3082 | 4.16E-12 | 3184 | 4.24E-12 |
| 2064 | -5.11E-13 | 2166 | 4.53E-13 | 2268 | 3.75E-13 | 2370 | 4.33E-13 | 2472 | 4.24E-13 | 2574 | 1.04E-12 | 2676 | 1.98E-12 | 2778 | 1.46E-12 | 2880 | 1.93E-12 | 2982 | 3.39E-12 | 3084 | 4.24E-12 | 3186 | 4.19E-12 |
| 2066 | -1.34E-13 | 2168 | 1.90E-13 | 2270 | 1.20E-13 | 2372 | 4.00E-13 | 2474 | 4.06E-13 | 2576 | 9.45E-13 | 2678 | 1.90E-12 | 2780 | 1.35E-12 | 2882 | 1.85E-12 | 2984 | 3.13E-12 | 3086 | 4.06E-12 | 3188 | 4.23E-12 |
| 2068 | -5.84E-13 | 2170 | 7.89E-13 | 2272 | 3.34E-13 | 2374 | 4.21E-13 | 2476 | 3.72E-13 | 2578 | 8.51E-13 | 2680 | 1.86E-12 | 2782 | 1.18E-12 | 2884 | 1.96E-12 | 2986 | 3.01E-12 | 3088 | 3.87E-12 | 3190 | 4.32E-12 |
| 2070 | -1.77E-13 | 2172 | 5.62E-13 | 2274 | 7.57E-13 | 2376 | 4.61E-13 | 2478 | 5.55E-13 | 2580 | 1.03E-12 | 2682 | 1.87E-12 | 2784 | 1.04E-12 | 2886 | 2.24E-12 | 2988 | 3.23E-12 | 3090 | 3.65E-12 | 3192 | 4.37E-12 |
| 2072 | -3.95E-14 | 2174 | 5.96E-13 | 2276 | 8.52E-13 | 2378 | 3.11E-13 | 2480 | 4.17E-13 | 2582 | 1.05E-12 | 2684 | 1.81E-12 | 2786 | 9.59E-13 | 2888 | 2.55E-12 | 2990 | 3.43E-12 | 3092 | 3.32E-12 | 3194 | 4.47E-12 |
| 2074 | 3.88E-13 | 2176 | 5.97E-13 | 2278 | 4.45E-13 | 2380 | 2.99E-13 | 2482 | 3.07E-13 | 2584 | 1.03E-12 | 2686 | 1.89E-12 | 2788 | 9.16E-13 | 2890 | 2.70E-12 | 2992 | 3.49E-12 | 3094 | 3.21E-12 | 3196 | 4.78E-12 |
| 2076 | 1.23E-12 | 2178 | 2.80E-13 | 2280 | 4.45E-13 | 2382 | 2.41E-13 | 2484 | 3.75E-13 | 2586 | 9.08E-13 | 2688 | 1.91E-12 | 2790 | 7.84E-13 | 2892 | 2.79E-12 | 2994 | 3.44E-12 | 3096 | 3.32E-12 | 3198 | 5.07E-12 |


HD 90508 F9- V V=6.44 (B-V)=0.60 E(B-V)=0.04
LAP: LWP 9609, LWP 10010
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
6
1800
2000
2200
2400
2600
2800
3000
3200

HD 114762 F9 V V=7.31 (B-V)=0.54 E(B-V)=-0.02

LAP: LWP 14968

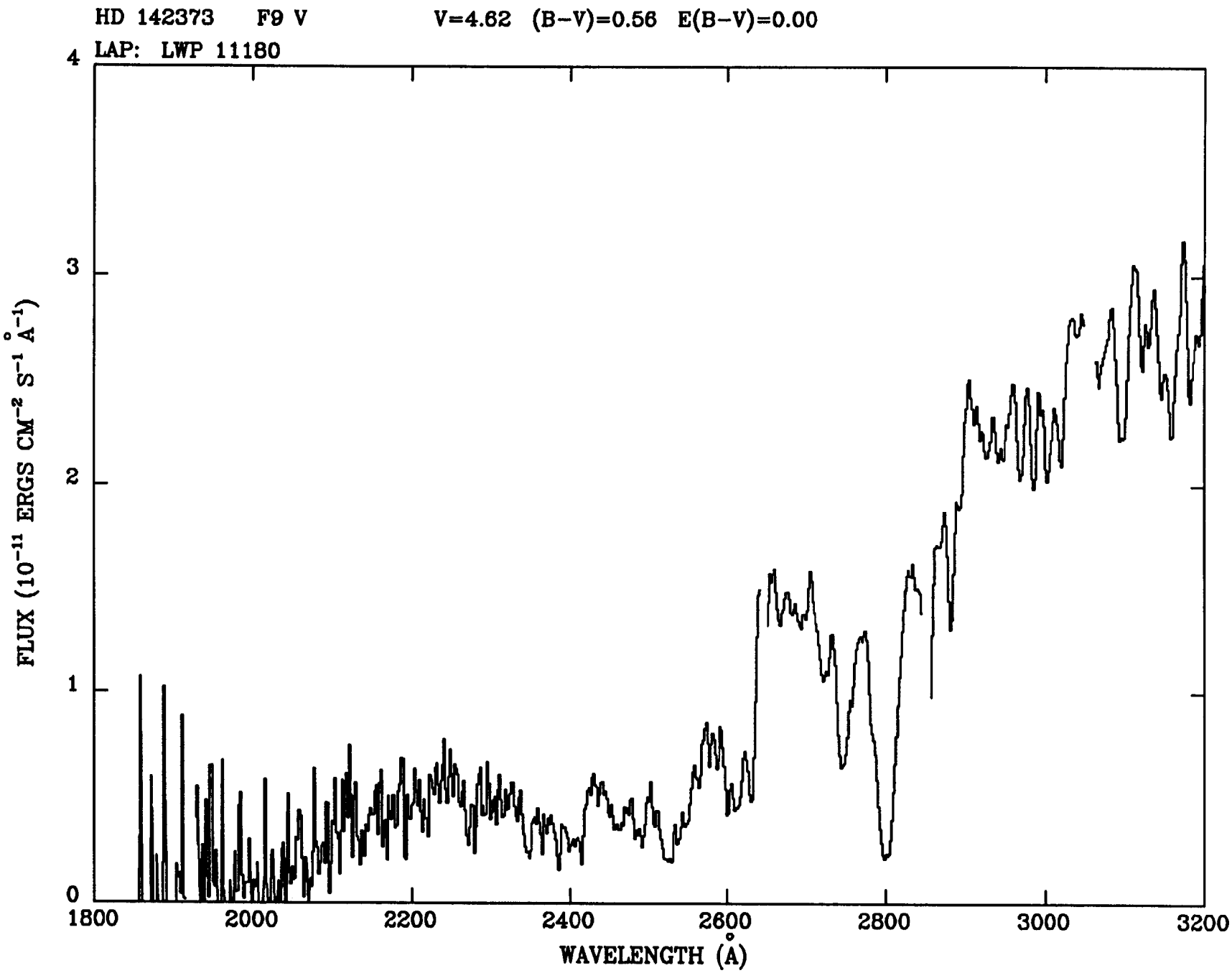
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.84E-13 | 2078 | 7.68E-13 | 2180 | 3.91E-13 | 2282 | 5.76E-13 | 2384 | 2.70E-13 | 2486 | 3.60E-13 | 2588 | 7.56E-13 | 2690 | 1.39E-12 | 2792 | 3.96E-13 | 2894 | 1.74E-12 | 2996 | 1.99E-12 | 3098 | 1.85E-12 |
| 1978 | 3.71E-13 | 2080 | 3.37E-13 | 2182 | 2.85E-13 | 2284 | 4.96E-13 | 2386 | 2.44E-13 | 2488 | 4.27E-13 | 2590 | 8.17E-13 | 2692 | 1.31E-12 | 2794 | 3.03E-13 | 2896 | 1.75E-12 | 2998 | 1.98E-12 | 3100 | 1.81E-12 |
| 1980 | -1.66E-13 | 2082 | 1.27E-13 | 2184 | 3.33E-13 | 2286 | 6.07E-13 | 2388 | 2.85E-13 | 2490 | 4.15E-13 | 2592 | 8.64E-13 | 2694 | 1.29E-12 | 2796 | 2.45E-13 | 2898 | 1.84E-12 | 3000 | 1.92E-12 | 3102 | 1.92E-12 |
| 1982 | 1.12E-14 | 2084 | 2.22E-13 | 2186 | 4.09E-13 | 2288 | 5.26E-13 | 2390 | 3.89E-13 | 2492 | 3.42E-13 | 2594 | 8.16E-13 | 2696 | 1.32E-12 | 2798 | 1.88E-13 | 2900 | 2.01E-12 | 3002 | 1.91E-12 | 3104 | 2.09E-12 |
| 1984 | 4.29E-13 | 2086 | 5.75E-13 | 2188 | 7.38E-13 | 2290 | 5.46E-13 | 2392 | 3.95E-13 | 2494 | 3.81E-13 | 2596 | 7.81E-13 | 2698 | 1.34E-12 | 2800 | 2.00E-13 | 2902 | 2.04E-12 | 3004 | 1.94E-12 | 3106 | 2.27E-12 |
| 1986 | 3.09E-13 | 2088 | 4.80E-13 | 2190 | 6.27E-13 | 2292 | 5.76E-13 | 2394 | 3.83E-13 | 2496 | 4.19E-13 | 2598 | 7.36E-13 | 2700 | 1.35E-12 | 2802 | 2.20E-13 | 2904 | 2.04E-12 | 3006 | 1.97E-12 | 3108 | 2.43E-12 |
| 1988 | 5.18E-13 | 2090 | -9.59E-15 | 2192 | 8.46E-14 | 2294 | 5.58E-13 | 2396 | 3.88E-13 | 2498 | 5.67E-13 | 2600 | 6.22E-13 | 2702 | 1.35E-12 | 2804 | 2.33E-13 | 2906 | 2.08E-12 | 3008 | 1.91E-12 | 3110 | 2.58E-12 |
| 1990 | 1.05E-13 | 2092 | 3.27E-13 | 2194 | 2.37E-13 | 2296 | 9.05E-13 | 2398 | 3.20E-13 | 2500 | 5.32E-13 | 2602 | 5.43E-13 | 2704 | 1.41E-12 | 2806 | 2.80E-13 | 2908 | 2.07E-12 | 3010 | 1.92E-12 | 3112 | 2.60E-12 |
| 1992 | 5.89E-14 | 2094 | 6.40E-13 | 2196 | 4.70E-13 | 2298 | 6.03E-13 | 2400 | 2.99E-13 | 2502 | 5.11E-13 | 2604 | 5.84E-13 | 2706 | 1.46E-12 | 2808 | 3.47E-13 | 2910 | 2.02E-12 | 3012 | 2.04E-12 | 3114 | 2.54E-12 |
| 1994 | 8.56E-14 | 2096 | 2.62E-13 | 2198 | 2.63E-13 | 2300 | 3.44E-13 | 2402 | 2.79E-13 | 2504 | 6.12E-13 | 2606 | 6.77E-13 | 2708 | 1.43E-12 | 2810 | 4.93E-13 | 2912 | 2.00E-12 | 3014 | 2.07E-12 | 3116 | 2.41E-12 |
| 1996 | 8.78E-14 | 2098 | 4.87E-13 | 2200 | 4.27E-13 | 2302 | 4.53E-13 | 2404 | 3.13E-13 | 2506 | 5.31E-13 | 2608 | 6.20E-13 | 2710 | 1.39E-12 | 2812 | 6.47E-13 | 2914 | 2.04E-12 | 3016 | 1.96E-12 | 3118 | 2.29E-12 |
| 1998 | 2.89E-14 | 2100 | 4.78E-13 | 2202 | 5.81E-13 | 2304 | 5.13E-13 | 2406 | 2.22E-13 | 2508 | 4.71E-13 | 2610 | 4.99E-13 | 2712 | 1.34E-12 | 2814 | 7.38E-13 | 2916 | 2.05E-12 | 3018 | 1.86E-12 | 3120 | 2.31E-12 |
| 2000 | 6.25E-14 | 2102 | 2.92E-13 | 2204 | 6.30E-13 | 2306 | 4.30E-13 | 2408 | 2.41E-13 | 2510 | 4.78E-13 | 2612 | 4.77E-13 | 2714 | 1.31E-12 | 2816 | 8.52E-13 | 2918 | 2.02E-12 | 3020 | 1.83E-12 | 3122 | 2.41E-12 |
| 2002 | 7.97E-14 | 2104 | 4.92E-13 | 2206 | 5.85E-13 | 2308 | 5.07E-13 | 2410 | 3.49E-13 | 2512 | 4.60E-13 | 2614 | 5.32E-13 | 2716 | 1.32E-12 | 2818 | 1.05E-12 | 2920 | 2.03E-12 | 3022 | 1.91E-12 | 3124 | 2.44E-12 |
| 2004 | 1.86E-13 | 2106 | 3.55E-13 | 2208 | 4.89E-13 | 2310 | 6.63E-13 | 2412 | 3.65E-13 | 2514 | 3.95E-13 | 2616 | 5.94E-13 | 2718 | 1.24E-12 | 2820 | 1.20E-12 | 2922 | 2.05E-12 | 3024 | 2.04E-12 | 3126 | 2.35E-12 |
| 2006 | 3.62E-13 | 2108 | 1.16E-13 | 2210 | 5.26E-13 | 2312 | 5.79E-13 | 2414 | 3.57E-13 | 2516 | 3.42E-13 | 2618 | 6.71E-13 | 2720 | 1.15E-12 | 2822 | 1.26E-12 | 2924 | 1.97E-12 | 3026 | 2.16E-12 | 3128 | 2.30E-12 |
| 2008 | 3.37E-14 | 2110 | 1.60E-13 | 2212 | 5.73E-13 | 2314 | 3.58E-13 | 2416 | 3.14E-13 | 2518 | 3.07E-13 | 2620 | 7.58E-13 | 2722 | 1.14E-12 | 2824 | 1.31E-12 | 2926 | 1.81E-12 | 3028 | 2.23E-12 | 3130 | 2.38E-12 |
| 2010 | -1.49E-13 | 2112 | 5.95E-13 | 2214 | 1.95E-13 | 2316 | 2.47E-13 | 2418 | 4.54E-13 | 2520 | 2.65E-13 | 2622 | 8.18E-13 | 2724 | 1.11E-12 | 2826 | 1.36E-12 | 2928 | 1.77E-12 | 3030 | 2.28E-12 | 3132 | 2.49E-12 |
| 2012 | -1.12E-13 | 2114 | 4.40E-13 | 2216 | 3.04E-13 | 2318 | 3.98E-13 | 2420 | 6.43E-13 | 2522 | 1.98E-13 | 2624 | 8.26E-13 | 2726 | 1.10E-12 | 2828 | 1.37E-12 | 2930 | 1.89E-12 | 3032 | 2.37E-12 | 3134 | 2.60E-12 |
| 2014 | 4.16E-13 | 2116 | 3.62E-13 | 2218 | 4.16E-13 | 2320 | 4.44E-13 | 2422 | 7.22E-13 | 2524 | 2.13E-13 | 2626 | 7.59E-13 | 2728 | 1.09E-12 | 2830 | 1.37E-12 | 2932 | 2.03E-12 | 3034 | 2.36E-12 | 3136 | 2.61E-12 |
| 2016 | 1.01E-12 | 2118 | 1.02E-12 | 2220 | 3.67E-13 | 2322 | 3.60E-13 | 2424 | 7.16E-13 | 2526 | 2.62E-13 | 2628 | 6.45E-13 | 2730 | 1.22E-12 | 2832 | 1.37E-12 | 2934 | 2.08E-12 | 3036 | 2.29E-12 | 3138 | 2.50E-12 |
| 2018 | 3.64E-13 | 2120 | 5.12E-13 | 2222 | 3.75E-13 | 2324 | 4.79E-13 | 2426 | 6.41E-13 | 2528 | 2.97E-13 | 2630 | 6.14E-13 | 2732 | 1.32E-12 | 2834 | 1.46E-12 | 2936 | 2.00E-12 | 3038 | 2.20E-12 | 3140 | 2.34E-12 |
| 2020 | -5.58E-14 | 2122 | 7.34E-13 | 2224 | 5.11E-13 | 2326 | 4.75E-13 | 2428 | 6.19E-13 | 2530 | 2.51E-13 | 2632 | 6.27E-13 | 2734 | 1.27E-12 | 2836 | 1.42E-12 | 2938 | 1.89E-12 | 3040 | 2.13E-12 | 3142 | 2.17E-12 |
| 2022 | 9.40E-14 | 2124 | 6.84E-13 | 2226 | 5.21E-13 | 2328 | 4.12E-13 | 2430 | 6.51E-13 | 2532 | 2.38E-13 | 2634 | 7.23E-13 | 2736 | 1.15E-12 | 2838 | 1.39E-12 | 2940 | 1.82E-12 | 3042 | 2.11E-12 | 3144 | 2.07E-12 |
| 2024 | 4.39E-13 | 2126 | 1.77E-13 | 2228 | 4.74E-13 | 2330 | 4.05E-13 | 2432 | 5.95E-13 | 2534 | 3.74E-13 | 2636 | 1.01E-12 | 2738 | 1.01E-12 | 2840 | 1.43E-12 | 2942 | 1.80E-12 | 3044 | 2.13E-12 | 3146 | 2.09E-12 |
| 2026 | 1.44E-13 | 2128 | 7.80E-13 | 2230 | 6.90E-13 | 2332 | 3.65E-13 | 2434 | 6.32E-13 | 2536 | 3.73E-13 | 2638 | 1.26E-12 | 2740 | 8.73E-13 | 2842 | 1.45E-12 | 2944 | 1.88E-12 | 3046 | 2.19E-12 | 3148 | 2.24E-12 |
| 2028 | 2.60E-14 | 2130 | 1.02E-12 | 2232 | 8.73E-13 | 2334 | 4.05E-13 | 2436 | 5.55E-13 | 2538 | 3.08E-13 | 2640 | 1.44E-12 | 2742 | 7.86E-13 | 2844 | 1.37E-12 | 2946 | 1.92E-12 | 3048 | 2.23E-12 | 3150 | 2.49E-12 |
| 2030 | 1.93E-13 | 2132 | 3.56E-13 | 2234 | 4.79E-13 | 2336 | 4.69E-13 | 2438 | 5.24E-13 | 2540 | 3.43E-13 | 2642 | 1.47E-12 | 2744 | 7.59E-13 | 2846 | 1.27E-12 | 2948 | 1.89E-12 | 3050 | 2.27E-12 | 3152 | 2.51E-12 |
| 2032 | 3.36E-13 | 2134 | 7.56E-14 | 2236 | 1.88E-13 | 2338 | 4.16E-13 | 2440 | 6.41E-13 | 2542 | 3.77E-13 | 2644 | 1.49E-12 | 2746 | 7.59E-13 | 2848 | | 2950 | 1.97E-12 | 3052 | 2.31E-12 | 3154 | 2.30E-12 |
| 2034 | -6.20E-14 | 2136 | 1.15E-13 | 2238 | 4.45E-13 | 2340 | 3.76E-13 | 2442 | 5.69E-13 | 2544 | 4.40E-13 | 2646 | | 2748 | 7.64E-13 | 2850 | | 2952 | 2.00E-12 | 3054 | | 3156 | 2.08E-12 |
| 2036 | 2.61E-13 | 2138 | 6.40E-13 | 2240 | 5.49E-13 | 2342 | 3.03E-13 | 2444 | 5.17E-13 | 2546 | 3.73E-13 | 2648 | | 2750 | 7.35E-13 | 2852 | | 2954 | 2.01E-12 | 3056 | | 3158 | 2.02E-12 |
| 2038 | 2.71E-13 | 2140 | 6.50E-13 | 2242 | 7.05E-13 | 2344 | 2.22E-13 | 2446 | 5.77E-13 | 2548 | 3.78E-13 | 2650 | 1.41E-12 | 2752 | 7.93E-13 | 2854 | | 2956 | 2.04E-12 | 3058 | | 3160 | 2.00E-12 |
| 2040 | 4.89E-14 | 2142 | 5.07E-13 | 2244 | 5.50E-13 | 2346 | 1.95E-13 | 2448 | 5.46E-13 | 2550 | 4.17E-13 | 2652 | 1.45E-12 | 2754 | 9.15E-13 | 2856 | | 2958 | 2.13E-12 | 3060 | | 3162 | 2.06E-12 |
| 2042 | 7.13E-15 | 2144 | 4.33E-13 | 2246 | 5.46E-13 | 2348 | 1.62E-13 | 2450 | 4.66E-13 | 2552 | 4.65E-13 | 2654 | 1.51E-12 | 2756 | 9.67E-13 | 2858 | 1.05E-12 | 2960 | 2.19E-12 | 3062 | 2.01E-12 | 3164 | 2.27E-12 |
| 2044 | 3.04E-13 | 2146 | 4.96E-13 | 2248 | 7.92E-13 | 2350 | 1.07E-13 | 2452 | 4.34E-13 | 2554 | 5.85E-13 | 2656 | 1.52E-12 | 2758 | 9.99E-13 | 2860 | 1.25E-12 | 2962 | 2.18E-12 | 3064 | 2.01E-12 | 3166 | 2.50E-12 |
| 2046 | 1.54E-14 | 2148 | 6.51E-13 | 2250 | 7.55E-13 | 2352 | 3.48E-13 | 2454 | 5.07E-13 | 2556 | 6.19E-13 | 2658 | 1.57E-12 | 2760 | 1.07E-12 | 2862 | 1.47E-12 | 2964 | 2.10E-12 | 3066 | 2.01E-12 | 3168 | 2.57E-12 |
| 2048 | -3.26E-14 | 2150 | 5.33E-13 | 2252 | 4.91E-13 | 2354 | 3.86E-13 | 2456 | 4.98E-13 | 2558 | 6.48E-13 | 2660 | 1.63E-12 | 2762 | 1.15E-12 | 2864 | 1.47E-12 | 2966 | 1.99E-12 | 3068 | 2.09E-12 | 3170 | 2.52E-12 |
| 2050 | 8.68E-14 | 2152 | 3.43E-13 | 2254 | 4.36E-13 | 2356 | 3.74E-13 | 2458 | 5.17E-13 | 2560 | 6.81E-13 | 2662 | 1.49E-12 | 2764 | 1.23E-12 | 2866 | 1.49E-12 | 2968 | 1.89E-12 | 3070 | 2.22E-12 | 3172 | 2.50E-12 |
| 2052 | 2.37E-14 | 2154 | 4.10E-13 | 2256 | 6.52E-13 | 2358 | 2.77E-13 | 2460 | 5.16E-13 | 2562 | 6.47E-13 | 2664 | 1.28E-12 | 2766 | 1.23E-12 | 2868 | 1.52E-12 | 2970 | 1.90E-12 | 3072 | 2.27E-12 | 3174 | 2.52E-12 |
| 2054 | 3.55E-13 | 2156 | 7.69E-13 | 2258 | 6.64E-13 | 2360 | 3.77E-13 | 2462 | 4.72E-13 | 2564 | 6.79E-13 | 2666 | 1.27E-12 | 2768 | 1.22E-12 | 2870 | 1.52E-12 | 2972 | 1.99E-12 | 3074 | 2.30E-12 | 3176 | 2.48E-12 |
| 2056 | 3.64E-13 | 2158 | 2.81E-13 | 2260 | 5.30E-13 | 2362 | 3.67E-13 | 2464 | 3.75E-13 | 2566 | 7.27E-13 | 2668 | 1.29E-12 | 2770 | 1.20E-12 | 2872 | 1.54E-12 | 2974 | 2.05E-12 | 3076 | 2.25E-12 | 3178 | 2.33E-12 |
| 2058 | 4.69E-13 | 2160 | 5.21E-13 | 2262 | 3.47E-13 | 2364 | 2.31E-13 | 2466 | 4.73E-13 | 2568 | 8.02E-13 | 2670 | 1.29E-12 | 2772 | 1.18E-12 | 2874 | 1.57E-12 | 2976 | 2.11E-12 | 3078 | 2.20E-12 | 3180 | 2.20E-12 |
| 2060 | 4.59E-13 | 2162 | 7.70E-13 | 2264 | 5.67E-13 | 2366 | 2.55E-13 | 2468 | 5.19E-13 | 2570 | 8.61E-13 | 2672 | 1.39E-12 | 2774 | 1.18E-12 | 2876 | 1.50E-12 | 2978 | 2.19E-12 | 3080 | 2.19E-12 | 3182 | 2.14E-12 |
| 2062 | 4.14E-14 | 2164 | 4.13E-13 | 2266 | 5.62E-13 | 2368 | 4.20E-13 | 2470 | 5.32E-13 | 2572 | 8.94E-13 | 2674 | 1.50E-12 | 2776 | 1.17E-12 | 2878 | 1.38E-12 | 2980 | 2.11E-12 | 3082 | 2.21E-12 | 3184 | 2.16E-12 |
| 2064 | -3.23E-13 | 2166 | 3.45E-13 | 2268 | 3.22E-13 | 2370 | 3.63E-13 | 2472 | 5.27E-13 | 2574 | 8.52E-13 | 2676 | 1.50E-12 | 2778 | 1.08E-12 | 2880 | 1.27E-12 | 2982 | 1.95E-12 | 3084 | 2.24E-12 | 3186 | 2.17E-12 |
| 2066 | 1.62E-13 | 2168 | 2.72E-13 | 2270 | 3.31E-13 | 2372 | 4.10E-13 | 2474 | 5.27E-13 | 2576 | 8.57E-13 | 2678 | 1.45E-12 | 2780 | 9.66E-13 | 2882 | 1.25E-12 | 2984 | 1.81E-12 | 3086 | 2.24E-12 | 3188 | 2.23E-12 |
| 2068 | 4.07E-13 | 2170 | 3.19E-13 | 2272 | 3.84E-13 | 2374 | 3.65E-13 | 2476 | 4.96E-13 | 2578 | 7.48E-13 | 2680 | 1.35E-12 | 2782 | 8.45E-13 | 2884 | 1.33E-12 | 2986 | 1.79E-12 | 3088 | 2.11E-12 | 3190 | 2.40E-12 |
| 2070 | -7.36E-14 | 2172 | 5.82E-13 | 2274 | 3.39E-13 | 2376 | 4.05E-13 | 2478 | 5.75E-13 | 2580 | 8.51E-13 | 2682 | 1.34E-12 | 2784 | 8.15E-13 | 2886 | 1.45E-12 | 2988 | 1.91E-12 | 3090 | 1.98E-12 | 3192 | 2.46E-12 |
| 2072 | -4.48E-14 | 2174 | 2.91E-13 | 2276 | 5.19E-13 | 2378 | 3.44E-13 | 2480 | 6.16E-13 | 2582 | 8.99E-13 | 2684 | 1.41E-12 | 2786 | 7.81E-13 | 2888 | 1.61E-12 | 2990 | 2.07E-12 | 3092 | 1.88E-12 | 3194 | 2.34E-12 |
| 2074 | -1.17E-13 | 2176 | 4.21E-13 | 2278 | 4.35E-13 | 2380 | 3.41E-13 | 2482 | 4.69E-13 | 2584 | 8.13E-13 | 2686 | 1.45E-12 | 2788 | 6.97E-13 | 2890 | 1.69E-12 | 2992 | 2.08E-12 | 3094 | 1.80E-12 | 3196 | 2.26E-12 |
| 2076 | 4.34E-13 | 2178 | 6.70E-13 | 2280 | 3.23E-13 | 2382 | 3.13E-13 | 2484 | 4.12E-13 | 2586 | 7.63E-13 | 2688 | 1.46E-12 | 2790 | 5.45E-13 | 2892 | 1.75E-12 | 2994 | 2.01E-12 | 3096 | 1.85E-12 | 3198 | 2.30E-12 |


HD 114762 F9 V V=7.31 (B-V)=0.54 E(B-V)=-0.02
LAP: LWP 14968
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

HD 142373 F9 V V=4.62 (B-V)=0.56 E(B-V)=0.00

LAP: LWP 11180

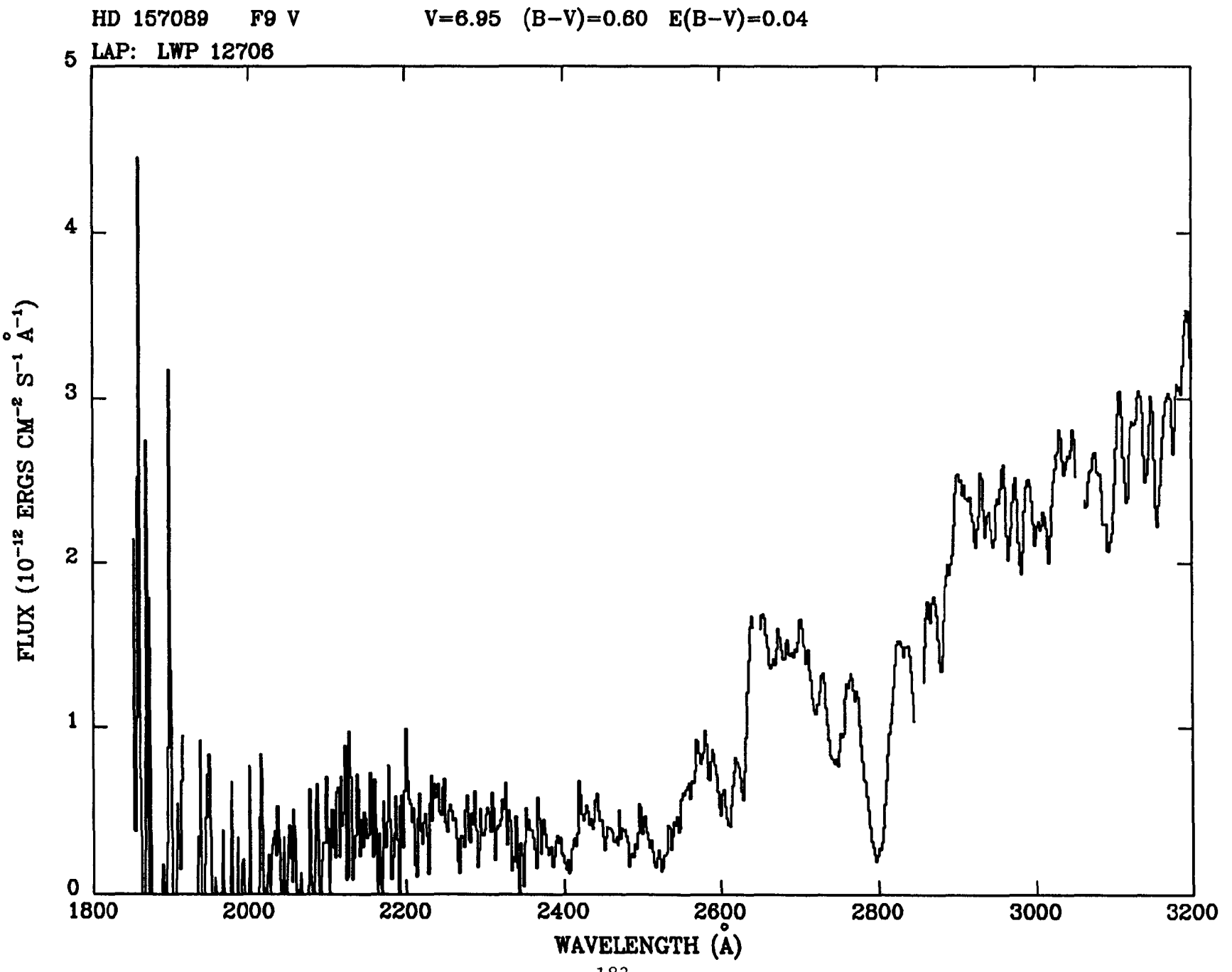
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 6.02E-13 | 2078 | 4.62E-12 | 2180 | 3.56E-12 | 2282 | 4.81E-12 | 2384 | 2.13E-12 | 2486 | 3.28E-12 | 2588 | 6.51E-12 | 2690 | 1.36E-11 | 2792 | 4.15E-12 | 2894 | 1.90E-11 | 2996 | 2.35E-11 | 3098 | 2.23E-11 |
| 1978 | 1.17E-12 | 2080 | 2.72E-12 | 2182 | 3.88E-12 | 2284 | 5.93E-12 | 2386 | 1.75E-12 | 2488 | 3.43E-12 | 2590 | 7.37E-12 | 2692 | 1.33E-11 | 2794 | 3.21E-12 | 2896 | 1.97E-11 | 2998 | 2.32E-11 | 3100 | 2.25E-11 |
| 1980 | 5.31E-13 | 2082 | 1.78E-12 | 2184 | 5.33E-12 | 2286 | 6.33E-12 | 2388 | 2.74E-12 | 2490 | 3.23E-12 | 2592 | 8.35E-12 | 2694 | 1.31E-11 | 2796 | 2.53E-12 | 2898 | 2.15E-11 | 3000 | 2.16E-11 | 3102 | 2.37E-11 |
| 1982 | 3.56E-12 | 2084 | 1.73E-12 | 2186 | 5.90E-12 | 2288 | 4.60E-12 | 2390 | 3.66E-12 | 2492 | 2.70E-12 | 2594 | 7.85E-12 | 2696 | 1.38E-11 | 2798 | 2.17E-12 | 2900 | 2.32E-11 | 3002 | 2.04E-11 | 3104 | 2.57E-11 |
| 1984 | 5.08E-12 | 2086 | 2.48E-12 | 2188 | 6.84E-12 | 2290 | 4.51E-12 | 2392 | 3.57E-12 | 2494 | 3.15E-12 | 2596 | 6.89E-12 | 2698 | 1.38E-11 | 2800 | 2.26E-12 | 2902 | 2.40E-11 | 3004 | 2.06E-11 | 3106 | 2.77E-11 |
| 1986 | 1.65E-12 | 2088 | 2.77E-12 | 2190 | 4.96E-12 | 2292 | 4.18E-12 | 2394 | 3.46E-12 | 2496 | 3.81E-12 | 2598 | 5.84E-12 | 2700 | 1.37E-11 | 2802 | 2.27E-12 | 2904 | 2.49E-11 | 3006 | 2.15E-11 | 3108 | 2.90E-11 |
| 1988 | 2.92E-13 | 2090 | 1.98E-12 | 2192 | 2.12E-12 | 2294 | 4.33E-12 | 2396 | 3.19E-12 | 2498 | 4.77E-12 | 2600 | 4.61E-12 | 2702 | 1.43E-11 | 2804 | 2.33E-12 | 2906 | 2.46E-11 | 3008 | 2.21E-11 | 3110 | 3.01E-11 |
| 1990 | 9.11E-13 | 2092 | 4.57E-12 | 2194 | 3.73E-12 | 2296 | 6.57E-12 | 2398 | 2.66E-12 | 2500 | 4.95E-12 | 2602 | 4.25E-12 | 2704 | 1.54E-11 | 2806 | 2.89E-12 | 2908 | 2.40E-11 | 3010 | 2.31E-11 | 3112 | 3.05E-11 |
| 1992 | 9.33E-13 | 2094 | 4.49E-12 | 2196 | 4.45E-12 | 2298 | 5.39E-12 | 2400 | 2.63E-12 | 2502 | 5.09E-12 | 2604 | 5.16E-12 | 2706 | 1.57E-11 | 2808 | 3.84E-12 | 2910 | 2.33E-11 | 3012 | 2.37E-11 | 3114 | 3.03E-11 |
| 1994 | 1.45E-12 | 2096 | 6.72E-13 | 2198 | 3.98E-12 | 2300 | 4.04E-12 | 2402 | 2.85E-12 | 2504 | 5.31E-12 | 2606 | 5.63E-12 | 2708 | 1.50E-11 | 2810 | 5.27E-12 | 2912 | 2.32E-11 | 3014 | 2.34E-11 | 3116 | 2.95E-11 |
| 1996 | 2.51E-12 | 2098 | 2.24E-12 | 2200 | 4.44E-12 | 2302 | 4.46E-12 | 2404 | 2.98E-12 | 2506 | 4.22E-12 | 2608 | 5.01E-12 | 2710 | 1.41E-11 | 2812 | 6.76E-12 | 2914 | 2.37E-11 | 3016 | 2.28E-11 | 3118 | 2.77E-11 |
| 1998 | 4.42E-13 | 2100 | 3.81E-12 | 2202 | 4.69E-12 | 2304 | 4.92E-12 | 2406 | 2.69E-12 | 2508 | 3.69E-12 | 2610 | 4.42E-12 | 2712 | 1.36E-11 | 2814 | 8.16E-12 | 2916 | 2.32E-11 | 3018 | 2.20E-11 | 3120 | 2.60E-11 |
| 2000 | 9.32E-14 | 2102 | 4.46E-12 | 2204 | 6.10E-12 | 2306 | 4.43E-12 | 2408 | 2.96E-12 | 2510 | 4.03E-12 | 2612 | 4.53E-12 | 2714 | 1.32E-11 | 2816 | 9.75E-12 | 2918 | 2.24E-11 | 3020 | 2.12E-11 | 3122 | 2.55E-11 |
| 2002 | 7.79E-13 | 2104 | 4.83E-12 | 2206 | 5.33E-12 | 2308 | 4.53E-12 | 2410 | 3.05E-12 | 2512 | 4.35E-12 | 2614 | 4.54E-12 | 2716 | 1.25E-11 | 2818 | 1.11E-11 | 2920 | 2.25E-11 | 3022 | 2.15E-11 | 3124 | 2.67E-11 |
| 2004 | 1.02E-12 | 2106 | 3.16E-12 | 2208 | 4.65E-12 | 2310 | 5.74E-12 | 2412 | 2.83E-12 | 2514 | 3.77E-12 | 2616 | 4.74E-12 | 2718 | 1.18E-11 | 2820 | 1.22E-11 | 2922 | 2.25E-11 | 3024 | 2.31E-11 | 3126 | 2.77E-11 |
| 2006 | 1.84E-12 | 2108 | 2.11E-12 | 2210 | 5.66E-12 | 2312 | 5.28E-12 | 2414 | 2.28E-12 | 2516 | 3.11E-12 | 2618 | 5.31E-12 | 2720 | 1.10E-11 | 2822 | 1.35E-11 | 2924 | 2.17E-11 | 3026 | 2.51E-11 | 3128 | 2.73E-11 |
| 2008 | -2.65E-12 | 2110 | 2.58E-12 | 2212 | 4.17E-12 | 2314 | 4.31E-12 | 2416 | 2.24E-12 | 2518 | 2.66E-12 | 2620 | 6.25E-12 | 2722 | 1.07E-11 | 2824 | 1.45E-11 | 2926 | 2.14E-11 | 3028 | 2.64E-11 | 3130 | 2.67E-11 |
| 2010 | -1.23E-12 | 2112 | 4.96E-12 | 2214 | 3.75E-12 | 2316 | 4.11E-12 | 2418 | 3.61E-12 | 2520 | 2.18E-12 | 2622 | 7.04E-12 | 2724 | 1.09E-11 | 2826 | 1.54E-11 | 2928 | 2.14E-11 | 3030 | 2.74E-11 | 3132 | 2.70E-11 |
| 2012 | -3.88E-13 | 2114 | 3.97E-12 | 2216 | 4.61E-12 | 2318 | 5.17E-12 | 2420 | 4.54E-12 | 2522 | 2.09E-12 | 2624 | 6.99E-12 | 2726 | 1.11E-11 | 2828 | 1.59E-11 | 2930 | 2.18E-11 | 3032 | 2.79E-11 | 3134 | 2.81E-11 |
| 2014 | 2.35E-12 | 2116 | 5.21E-12 | 2218 | 3.98E-12 | 2320 | 4.51E-12 | 2422 | 4.98E-12 | 2524 | 2.07E-12 | 2626 | 6.50E-12 | 2728 | 1.10E-11 | 2830 | 1.58E-11 | 2932 | 2.25E-11 | 3034 | 2.80E-11 | 3136 | 2.91E-11 |
| 2016 | 4.08E-12 | 2118 | 6.05E-12 | 2220 | 3.60E-12 | 2322 | 4.48E-12 | 2424 | 5.38E-12 | 2526 | 2.00E-12 | 2628 | 5.56E-12 | 2730 | 1.20E-11 | 2832 | 1.57E-11 | 2934 | 2.33E-11 | 3036 | 2.80E-11 | 3138 | 2.90E-11 |
| 2018 | 1.97E-13 | 2120 | 4.10E-12 | 2222 | 4.58E-12 | 2324 | 5.21E-12 | 2426 | 5.25E-12 | 2528 | 2.07E-12 | 2630 | 4.92E-12 | 2732 | 1.28E-11 | 2834 | 1.62E-11 | 2936 | 2.30E-11 | 3038 | 2.73E-11 | 3140 | 2.78E-11 |
| 2020 | -1.12E-12 | 2122 | 7.36E-12 | 2224 | 5.92E-12 | 2326 | 5.69E-12 | 2428 | 5.65E-12 | 2530 | 1.96E-12 | 2632 | 4.93E-12 | 2734 | 1.26E-11 | 2836 | 1.57E-11 | 2938 | 2.22E-11 | 3040 | 2.72E-11 | 3142 | 2.65E-11 |
| 2022 | 5.36E-13 | 2124 | 4.65E-12 | 2226 | 5.56E-12 | 2328 | 5.41E-12 | 2430 | 6.08E-12 | 2532 | 2.44E-12 | 2634 | 6.63E-12 | 2736 | 1.18E-11 | 2838 | 1.51E-11 | 2940 | 2.14E-11 | 3042 | 2.73E-11 | 3144 | 2.50E-11 |
| 2024 | 2.36E-12 | 2126 | 2.70E-12 | 2228 | 5.22E-12 | 2330 | 4.42E-12 | 2432 | 5.69E-12 | 2534 | 3.48E-12 | 2636 | 9.35E-12 | 2738 | 1.05E-11 | 2840 | 1.51E-11 | 2942 | 2.13E-11 | 3044 | 2.77E-11 | 3146 | 2.43E-11 |
| 2026 | 7.77E-13 | 2128 | 5.09E-12 | 2230 | 6.10E-12 | 2332 | 4.01E-12 | 2434 | 5.51E-12 | 2536 | 3.29E-12 | 2638 | 1.27E-11 | 2740 | 8.71E-12 | 2842 | 1.50E-11 | 2944 | 2.17E-11 | 3046 | 2.82E-11 | 3148 | 2.48E-11 |
| 2028 | -1.64E-12 | 2130 | 4.90E-12 | 2232 | 6.57E-12 | 2334 | 4.37E-12 | 2436 | 4.66E-12 | 2538 | 2.81E-12 | 2640 | 1.48E-11 | 2742 | 7.37E-12 | 2844 | 1.46E-11 | 2946 | 2.14E-11 | 3048 | 2.79E-11 | 3150 | 2.53E-11 |
| 2030 | 2.72E-14 | 2132 | 3.05E-12 | 2234 | 5.68E-12 | 2336 | 5.15E-12 | 2438 | 5.16E-12 | 2540 | 2.96E-12 | 2642 | 1.50E-11 | 2744 | 6.62E-12 | 2846 | 1.39E-11 | 2948 | 2.13E-11 | 3050 | 2.77E-11 | 3152 | 2.52E-11 |
| 2032 | 9.50E-13 | 2134 | 2.41E-12 | 2236 | 4.84E-12 | 2338 | 4.69E-12 | 2440 | 5.70E-12 | 2542 | 3.39E-12 | 2644 | | 2746 | 6.53E-12 | 2848 | | 2950 | 2.21E-11 | 3052 | | 3154 | 2.46E-11 |
| 2034 | -4.33E-13 | 2136 | 2.60E-12 | 2238 | 5.85E-12 | 2340 | 3.62E-12 | 2442 | 5.62E-12 | 2544 | 4.11E-12 | 2646 | | 2748 | 6.64E-12 | 2850 | | 2952 | 2.29E-11 | 3054 | | 3156 | 2.34E-11 |
| 2036 | 2.56E-12 | 2138 | 3.32E-12 | 2240 | 6.73E-12 | 2342 | 2.87E-12 | 2444 | 5.17E-12 | 2546 | 3.88E-12 | 2648 | | 2750 | 7.04E-12 | 2852 | | 2954 | 2.29E-11 | 3056 | | 3158 | 2.23E-11 |
| 2038 | 2.20E-12 | 2140 | 2.57E-12 | 2242 | 7.17E-12 | 2344 | 2.46E-12 | 2446 | 5.17E-12 | 2548 | 3.65E-12 | 2650 | 1.33E-11 | 2752 | 7.92E-12 | 2854 | | 2956 | 2.36E-11 | 3058 | | 3160 | 2.28E-11 |
| 2040 | -1.01E-12 | 2142 | 3.23E-12 | 2244 | 5.20E-12 | 2346 | 2.39E-12 | 2448 | 4.68E-12 | 2550 | 3.75E-12 | 2652 | 1.39E-11 | 2754 | 9.20E-12 | 2856 | 9.83E-12 | 2958 | 2.44E-11 | 3060 | | 3162 | 2.44E-11 |
| 2042 | 1.25E-12 | 2144 | 3.46E-12 | 2246 | 5.17E-12 | 2348 | 2.16E-12 | 2450 | 4.18E-12 | 2552 | 3.94E-12 | 2654 | 1.52E-11 | 2756 | 9.64E-12 | 2858 | 1.18E-11 | 2960 | 2.49E-11 | 3062 | 2.59E-11 | 3164 | 2.57E-11 |
| 2044 | 4.03E-12 | 2146 | 4.02E-12 | 2248 | 6.55E-12 | 2350 | 2.44E-12 | 2452 | 4.39E-12 | 2554 | 4.77E-12 | 2656 | 1.55E-11 | 2758 | 9.65E-12 | 2860 | 1.47E-11 | 2962 | 2.46E-11 | 3064 | 2.59E-11 | 3166 | 2.69E-11 |
| 2046 | 1.23E-12 | 2148 | 4.41E-12 | 2250 | 6.68E-12 | 2352 | 3.78E-12 | 2454 | 4.32E-12 | 2556 | 5.57E-12 | 2658 | 1.57E-11 | 2760 | 1.07E-11 | 2862 | 1.67E-11 | 2964 | 2.33E-11 | 3066 | 2.53E-11 | 3168 | 2.77E-11 |
| 2048 | 1.25E-12 | 2150 | 4.17E-12 | 2252 | 5.52E-12 | 2354 | 3.94E-12 | 2456 | 3.70E-12 | 2558 | 6.30E-12 | 2660 | 1.59E-11 | 2762 | 1.17E-11 | 2864 | 1.72E-11 | 2966 | 2.16E-11 | 3068 | 2.48E-11 | 3170 | 2.95E-11 |
| 2050 | 1.39E-12 | 2152 | 4.29E-12 | 2254 | 5.95E-12 | 2356 | 3.98E-12 | 2458 | 3.65E-12 | 2560 | 6.37E-12 | 2662 | 1.51E-11 | 2764 | 1.23E-11 | 2866 | 1.71E-11 | 2968 | 2.05E-11 | 3070 | 2.54E-11 | 3172 | 3.13E-11 |
| 2052 | 1.11E-12 | 2154 | 5.31E-12 | 2256 | 6.41E-12 | 2358 | 3.92E-12 | 2460 | 3.74E-12 | 2562 | 5.94E-12 | 2664 | 1.42E-11 | 2766 | 1.26E-11 | 2868 | 1.71E-11 | 2970 | 2.05E-11 | 3072 | 2.58E-11 | 3174 | 3.11E-11 |
| 2054 | 2.38E-12 | 2156 | 4.96E-12 | 2258 | 6.14E-12 | 2360 | 4.24E-12 | 2462 | 3.51E-12 | 2564 | 5.71E-12 | 2666 | 1.36E-11 | 2768 | 1.27E-11 | 2870 | 1.75E-11 | 2972 | 2.11E-11 | 3074 | 2.62E-11 | 3176 | 2.94E-11 |
| 2056 | 2.99E-12 | 2158 | 3.95E-12 | 2260 | 5.03E-12 | 2362 | 3.59E-12 | 2464 | 3.47E-12 | 2566 | 5.78E-12 | 2668 | 1.34E-11 | 2770 | 1.26E-11 | 2872 | 1.82E-11 | 2974 | 2.26E-11 | 3076 | 2.65E-11 | 3178 | 2.70E-11 |
| 2058 | 3.99E-12 | 2160 | 5.86E-12 | 2262 | 4.59E-12 | 2364 | 2.82E-12 | 2466 | 3.78E-12 | 2568 | 6.89E-12 | 2670 | 1.39E-11 | 2772 | 1.27E-11 | 2874 | 1.86E-11 | 2976 | 2.40E-11 | 3078 | 2.68E-11 | 3180 | 2.46E-11 |
| 2060 | 4.13E-12 | 2162 | 4.63E-12 | 2264 | 5.20E-12 | 2366 | 3.34E-12 | 2468 | 3.76E-12 | 2570 | 7.69E-12 | 2672 | 1.42E-11 | 2774 | 1.30E-11 | 2876 | 1.76E-11 | 2978 | 2.46E-11 | 3080 | 2.74E-11 | 3182 | 2.40E-11 |
| 2062 | 2.27E-12 | 2164 | 2.86E-12 | 2266 | 5.70E-12 | 2368 | 3.86E-12 | 2470 | 4.51E-12 | 2572 | 8.14E-12 | 2674 | 1.47E-11 | 2776 | 1.27E-11 | 2878 | 1.58E-11 | 2980 | 2.40E-11 | 3082 | 2.82E-11 | 3184 | 2.52E-11 |
| 2064 | 4.42E-13 | 2166 | 3.52E-12 | 2268 | 4.19E-12 | 2370 | 3.41E-12 | 2472 | 4.36E-12 | 2574 | 8.52E-12 | 2676 | 1.49E-11 | 2778 | 1.17E-11 | 2880 | 1.39E-11 | 2982 | 2.20E-11 | 3084 | 2.85E-11 | 3186 | 2.60E-11 |
| 2066 | 2.10E-12 | 2168 | 2.68E-12 | 2270 | 3.08E-12 | 2372 | 3.83E-12 | 2474 | 4.41E-12 | 2576 | 7.76E-12 | 2678 | 1.48E-11 | 2780 | 1.01E-11 | 2882 | 1.34E-11 | 2984 | 2.03E-11 | 3086 | 2.79E-11 | 3188 | 2.67E-11 |
| 2068 | 1.57E-12 | 2170 | 4.15E-12 | 2272 | 2.94E-12 | 2374 | 3.78E-12 | 2476 | 4.42E-12 | 2578 | 6.61E-12 | 2680 | 1.43E-11 | 2782 | 8.50E-12 | 2884 | 1.49E-11 | 2986 | 1.99E-11 | 3088 | 2.65E-11 | 3190 | 2.71E-11 |
| 2070 | 8.04E-14 | 2172 | 4.49E-12 | 2274 | 3.95E-12 | 2376 | 4.07E-12 | 2478 | 4.91E-12 | 2580 | 7.52E-12 | 2682 | 1.39E-11 | 2784 | 8.02E-12 | 2886 | 1.71E-11 | 2988 | 2.10E-11 | 3090 | 2.52E-11 | 3192 | 2.69E-11 |
| 2072 | 1.02E-12 | 2174 | 4.00E-12 | 2276 | 4.61E-12 | 2378 | 3.78E-12 | 2480 | 4.47E-12 | 2582 | 8.05E-12 | 2684 | 1.40E-11 | 2786 | 7.61E-12 | 2888 | 1.89E-11 | 2990 | 2.33E-11 | 3092 | 2.33E-11 | 3194 | 2.69E-11 |
| 2074 | 1.32E-12 | 2176 | 4.89E-12 | 2278 | 3.59E-12 | 2380 | 3.33E-12 | 2482 | 3.47E-12 | 2584 | 7.67E-12 | 2686 | 1.42E-11 | 2788 | 6.77E-12 | 2890 | 1.91E-11 | 2992 | 2.45E-11 | 3094 | 2.23E-11 | 3196 | 2.80E-11 |
| 2076 | 4.17E-12 | 2178 | 5.06E-12 | 2280 | 3.03E-12 | 2382 | 2.91E-12 | 2484 | 3.31E-12 | 2586 | 6.91E-12 | 2688 | 1.40E-11 | 2790 | 5.40E-12 | 2892 | 1.89E-11 | 2994 | 2.40E-11 | 3096 | 2.23E-11 | 3198 | 2.98E-11 |


HD 142373 F9 V V=4.62 (B-V)=0.56 E(B-V)=0.00
LAP: LWP 11180
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

HD 157089 F9 V V=6.95 (B-V)=0.60 E(B-V)=0.04

LAP: LWP 12706

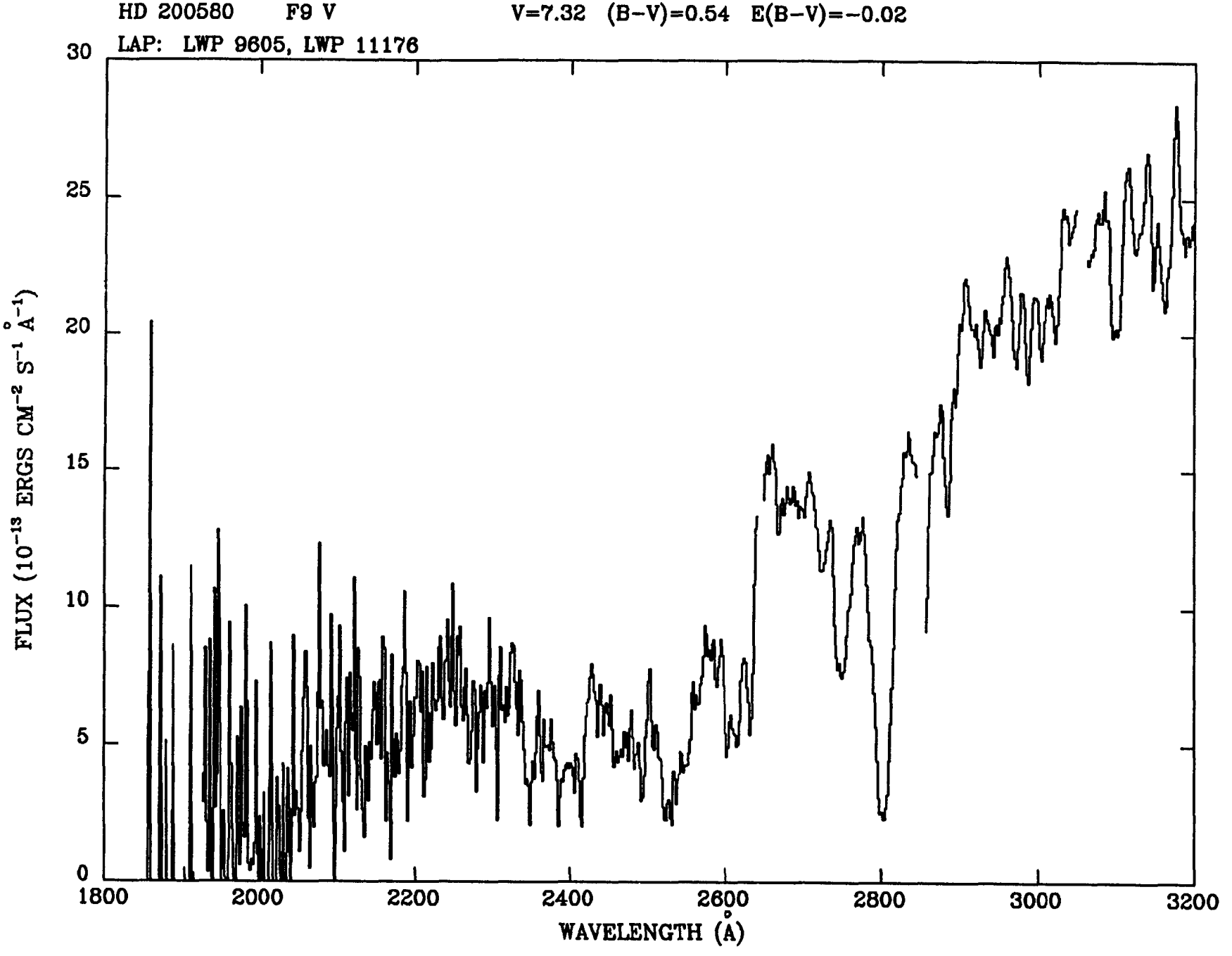
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.65E-13 | 2078 | 3.69E-13 | 2180 | 4.29E-13 | 2282 | 4.14E-13 | 2384 | 2.67E-13 | 2486 | 2.37E-13 | 2588 | 8.18E-13 | 2690 | 1.45E-12 | 2792 | 3.06E-13 | 2894 | 2.04E-12 | 2996 | 2.31E-12 | 3098 | 2.20E-12 |
| 1978 | 1.37E-13 | 2080 | -1.39E-14 | 2182 | 1.11E-13 | 2284 | 4.42E-13 | 2386 | 1.83E-13 | 2488 | 2.26E-13 | 2590 | 8.60E-13 | 2692 | 1.43E-12 | 2794 | 2.65E-13 | 2896 | 2.23E-12 | 2998 | 2.17E-12 | 3100 | 2.34E-12 |
| 1980 | -8.74E-13 | 2082 | -6.78E-14 | 2184 | 2.51E-13 | 2286 | 5.66E-13 | 2388 | 2.56E-13 | 2490 | 2.87E-13 | 2592 | 8.15E-13 | 2694 | 1.47E-12 | 2796 | 2.19E-13 | 2898 | 2.44E-12 | 3000 | 2.14E-12 | 3102 | 2.54E-12 |
| 1982 | -5.30E-13 | 2084 | 3.85E-13 | 2186 | 4.19E-13 | 2288 | 4.29E-13 | 2390 | 3.31E-13 | 2492 | 2.74E-13 | 2594 | 7.47E-13 | 2696 | 1.46E-12 | 2798 | 2.20E-13 | 2900 | 2.54E-12 | 3002 | 2.21E-12 | 3104 | 2.76E-12 |
| 1984 | 2.42E-13 | 2086 | 6.35E-13 | 2188 | 4.93E-13 | 2290 | 1.95E-13 | 2392 | 3.30E-13 | 2494 | 3.72E-13 | 2596 | 6.61E-13 | 2698 | 1.54E-12 | 2800 | 2.64E-13 | 2902 | 2.53E-12 | 3004 | 2.25E-12 | 3106 | 2.95E-12 |
| 1986 | -3.86E-13 | 2088 | -1.43E-15 | 2190 | 1.95E-13 | 2292 | 2.60E-13 | 2394 | 3.23E-13 | 2496 | 5.36E-13 | 2598 | 5.58E-13 | 2700 | 1.65E-12 | 2802 | 2.71E-13 | 2904 | 2.50E-12 | 3006 | 2.21E-12 | 3108 | 3.04E-12 |
| 1988 | -2.96E-13 | 2090 | -2.40E-13 | 2192 | 2.38E-13 | 2294 | 5.03E-13 | 2396 | 2.87E-13 | 2498 | 4.96E-13 | 2600 | 4.91E-13 | 2702 | 1.64E-12 | 2804 | 3.04E-13 | 2906 | 2.47E-12 | 3008 | 2.23E-12 | 3110 | 2.98E-12 |
| 1990 | 1.90E-13 | 2092 | 1.82E-13 | 2194 | 5.62E-13 | 2296 | 3.60E-13 | 2398 | 2.34E-13 | 2500 | 3.74E-13 | 2602 | 5.70E-13 | 2704 | 1.56E-12 | 2806 | 3.90E-13 | 2908 | 2.44E-12 | 3010 | 2.31E-12 | 3112 | 2.76E-12 |
| 1992 | 1.63E-13 | 2094 | 3.07E-13 | 2196 | 4.04E-13 | 2298 | 3.59E-13 | 2400 | 1.98E-13 | 2502 | 4.27E-13 | 2604 | 6.20E-13 | 2706 | 1.45E-12 | 2808 | 5.25E-13 | 2910 | 2.43E-12 | 3012 | 2.28E-12 | 3114 | 2.55E-12 |
| 1994 | -7.89E-14 | 2096 | 3.68E-13 | 2198 | 5.00E-13 | 2300 | 4.10E-13 | 2402 | 1.57E-13 | 2504 | 4.33E-13 | 2606 | 5.41E-13 | 2708 | 1.42E-12 | 2810 | 6.85E-13 | 2912 | 2.39E-12 | 3014 | 2.20E-12 | 3116 | 2.41E-12 |
| 1996 | -5.19E-14 | 2098 | 6.40E-13 | 2200 | 8.97E-13 | 2302 | 4.88E-13 | 2404 | 1.96E-13 | 2506 | 3.53E-13 | 2608 | 4.59E-13 | 2710 | 1.47E-12 | 2812 | 8.50E-13 | 2914 | 2.39E-12 | 3016 | 2.07E-12 | 3118 | 2.39E-12 |
| 1998 | -4.93E-15 | 2100 | 2.79E-13 | 2202 | 7.38E-13 | 2304 | 5.07E-13 | 2406 | 1.32E-13 | 2508 | 3.07E-13 | 2610 | 4.17E-13 | 2712 | 1.40E-12 | 2814 | 9.75E-13 | 2916 | 2.40E-12 | 3018 | 2.05E-12 | 3120 | 2.61E-12 |
| 2000 | 4.97E-13 | 2102 | 9.24E-14 | 2204 | 5.83E-13 | 2306 | 4.37E-13 | 2408 | 1.47E-13 | 2510 | 3.04E-13 | 2612 | 4.26E-13 | 2714 | 1.31E-12 | 2816 | 1.06E-12 | 2918 | 2.33E-12 | 3020 | 2.23E-12 | 3122 | 2.80E-12 |
| 2002 | -7.32E-14 | 2104 | 4.42E-13 | 2206 | 5.40E-13 | 2308 | 4.90E-13 | 2410 | 2.74E-13 | 2512 | 2.83E-13 | 2614 | 5.56E-13 | 2716 | 1.21E-12 | 2818 | 1.18E-12 | 2920 | 2.26E-12 | 3022 | 2.41E-12 | 3124 | 2.86E-12 |
| 2004 | -2.47E-13 | 2106 | 4.03E-13 | 2208 | 4.37E-13 | 2310 | 5.57E-13 | 2412 | 3.23E-13 | 2514 | 2.12E-13 | 2616 | 6.72E-13 | 2718 | 1.12E-12 | 2820 | 1.29E-12 | 2922 | 2.14E-12 | 3024 | 2.53E-12 | 3126 | 2.84E-12 |
| 2006 | -1.16E-13 | 2108 | 2.47E-13 | 2210 | 4.80E-13 | 2312 | 3.16E-13 | 2414 | 3.21E-13 | 2516 | 1.70E-13 | 2618 | 7.66E-13 | 2720 | 1.09E-12 | 2822 | 1.44E-12 | 2924 | 2.11E-12 | 3026 | 2.62E-12 | 3128 | 2.85E-12 |
| 2008 | -3.64E-13 | 2110 | 4.54E-13 | 2212 | 1.64E-13 | 2314 | 3.37E-13 | 2416 | 3.12E-13 | 2518 | 2.07E-13 | 2620 | 8.08E-13 | 2722 | 1.14E-12 | 2824 | 1.51E-12 | 2926 | 2.22E-12 | 3028 | 2.67E-12 | 3130 | 2.90E-12 |
| 2010 | -1.26E-13 | 2112 | 6.27E-13 | 2214 | 1.94E-13 | 2316 | 4.07E-13 | 2418 | 4.74E-13 | 2520 | 2.56E-13 | 2622 | 7.79E-13 | 2724 | 1.14E-12 | 2826 | 1.51E-12 | 2928 | 2.32E-12 | 3030 | 2.76E-12 | 3132 | 3.02E-12 |
| 2012 | 1.24E-13 | 2114 | 3.28E-13 | 2216 | 5.00E-13 | 2318 | 4.09E-13 | 2420 | 6.38E-13 | 2522 | 2.15E-13 | 2624 | 7.28E-13 | 2726 | 1.23E-12 | 2828 | 1.52E-12 | 2930 | 2.54E-12 | 3032 | 2.78E-12 | 3134 | 3.04E-12 |
| 2014 | 5.53E-13 | 2116 | 6.08E-13 | 2218 | 5.22E-13 | 2320 | 4.41E-13 | 2422 | 5.35E-13 | 2524 | 1.39E-13 | 2626 | 6.51E-13 | 2728 | 1.32E-12 | 2830 | 1.50E-12 | 2932 | 2.46E-12 | 3034 | 2.65E-12 | 3136 | 2.98E-12 |
| 2016 | 5.35E-13 | 2118 | 4.54E-13 | 2220 | 3.44E-13 | 2322 | 5.55E-13 | 2424 | 4.59E-13 | 2526 | 1.70E-13 | 2628 | 5.84E-13 | 2730 | 1.31E-12 | 2832 | 1.45E-12 | 2934 | 2.27E-12 | 3036 | 2.55E-12 | 3138 | 2.80E-12 |
| 2018 | -5.02E-16 | 2120 | 4.83E-13 | 2222 | 3.67E-13 | 2324 | 5.27E-13 | 2426 | 4.66E-13 | 2528 | 2.34E-13 | 2630 | 6.97E-13 | 2732 | 1.23E-12 | 2834 | 1.48E-12 | 2936 | 2.20E-12 | 3038 | 2.57E-12 | 3140 | 2.57E-12 |
| 2020 | -3.58E-14 | 2122 | 8.48E-13 | 2224 | 4.58E-13 | 2326 | 6.09E-13 | 2428 | 5.13E-13 | 2530 | 2.39E-13 | 2632 | 9.00E-13 | 2734 | 1.08E-12 | 2836 | 1.49E-12 | 2938 | 2.27E-12 | 3040 | 2.62E-12 | 3142 | 2.52E-12 |
| 2022 | 1.29E-14 | 2124 | 9.15E-14 | 2226 | 3.95E-13 | 2328 | 3.48E-13 | 2430 | 5.07E-13 | 2532 | 3.06E-13 | 2634 | 1.17E-12 | 2736 | 9.77E-13 | 2838 | 1.49E-12 | 2940 | 2.30E-12 | 3042 | 2.65E-12 | 3144 | 2.60E-12 |
| 2024 | 1.91E-13 | 2126 | 2.77E-13 | 2228 | 1.92E-13 | 2330 | 4.82E-13 | 2432 | 4.34E-13 | 2534 | 4.07E-13 | 2636 | 1.39E-12 | 2738 | 8.80E-13 | 2840 | 1.42E-12 | 2942 | 2.25E-12 | 3044 | 2.65E-12 | 3146 | 2.79E-12 |
| 2026 | 7.75E-14 | 2128 | 9.04E-13 | 2230 | 4.36E-13 | 2332 | 3.36E-13 | 2434 | 4.45E-13 | 2536 | 3.41E-13 | 2638 | 1.60E-12 | 2740 | 8.23E-13 | 2842 | 1.32E-12 | 2944 | 2.16E-12 | 3046 | 2.72E-12 | 3148 | 2.98E-12 |
| 2028 | 2.19E-13 | 2130 | 5.16E-13 | 2232 | 6.84E-13 | 2334 | 1.77E-13 | 2436 | 3.96E-13 | 2538 | 3.15E-13 | 2640 | 1.67E-12 | 2742 | 8.11E-13 | 2844 | 1.17E-12 | 2946 | 2.11E-12 | 3048 | 2.79E-12 | 3150 | 2.94E-12 |
| 2030 | 3.28E-13 | 2132 | 1.35E-13 | 2234 | 4.68E-13 | 2336 | 2.09E-13 | 2438 | 4.40E-13 | 2540 | 4.01E-13 | 2642 | 1.61E-12 | 2744 | 7.90E-13 | 2846 | 1.04E-12 | 2948 | 2.14E-12 | 3050 | 2.66E-12 | 3152 | 2.66E-12 |
| 2032 | 3.71E-13 | 2134 | 2.80E-13 | 2236 | 6.44E-13 | 2338 | 3.45E-13 | 2440 | 5.67E-13 | 2542 | 4.20E-13 | 2644 | | 2746 | 8.04E-13 | 2848 | | 2950 | 2.32E-12 | 3052 | 2.52E-12 | 3154 | 2.35E-12 |
| 2034 | 2.40E-13 | 2136 | 5.34E-13 | 2238 | 5.75E-13 | 2340 | 2.80E-13 | 2442 | 5.79E-13 | 2544 | 4.51E-13 | 2646 | | 2748 | 7.76E-13 | 2850 | | 2952 | 2.39E-12 | 3054 | | 3156 | 2.24E-12 |
| 2036 | 5.16E-13 | 2138 | 6.67E-13 | 2240 | 5.98E-13 | 2342 | 5.92E-14 | 2444 | 4.84E-13 | 2546 | 3.91E-13 | 2648 | | 2750 | 8.51E-13 | 2852 | | 2954 | 2.37E-12 | 3056 | | 3158 | 2.37E-12 |
| 2038 | 2.70E-13 | 2140 | 3.69E-13 | 2242 | 6.18E-13 | 2344 | 2.31E-13 | 2446 | 4.41E-13 | 2548 | 3.91E-13 | 2650 | 1.60E-12 | 2752 | 9.58E-13 | 2854 | | 2956 | 2.47E-12 | 3058 | | 3160 | 2.51E-12 |
| 2040 | -1.17E-13 | 2142 | 3.81E-13 | 2244 | 4.87E-13 | 2346 | 2.49E-13 | 2448 | 4.04E-13 | 2550 | 5.51E-13 | 2652 | 1.64E-12 | 2754 | 9.47E-13 | 2856 | 1.27E-12 | 2958 | 2.58E-12 | 3060 | | 3162 | 2.68E-12 |
| 2042 | -5.00E-14 | 2144 | 3.25E-13 | 2246 | 5.32E-13 | 2348 | 7.58E-14 | 2450 | 3.09E-13 | 2552 | 6.03E-13 | 2654 | 1.68E-12 | 2756 | 9.96E-13 | 2858 | 1.41E-12 | 2960 | 2.56E-12 | 3062 | 2.38E-12 | 3164 | 2.81E-12 |
| 2044 | 1.70E-13 | 2146 | 4.58E-13 | 2248 | 6.60E-13 | 2350 | 2.97E-13 | 2452 | 3.06E-13 | 2554 | 5.97E-13 | 2656 | 1.67E-12 | 2758 | 1.20E-12 | 2860 | 1.62E-12 | 2962 | 2.36E-12 | 3064 | 2.35E-12 | 3166 | 2.94E-12 |
| 2046 | -1.80E-13 | 2148 | 4.59E-13 | 2250 | 5.58E-13 | 2352 | 5.07E-13 | 2454 | 3.77E-13 | 2556 | 6.28E-13 | 2658 | 1.59E-12 | 2760 | 1.26E-12 | 2862 | 1.75E-12 | 2964 | 2.11E-12 | 3066 | 2.35E-12 | 3168 | 3.00E-12 |
| 2048 | 1.17E-13 | 2150 | 3.43E-13 | 2252 | 3.99E-13 | 2354 | 3.95E-13 | 2456 | 3.99E-13 | 2558 | 6.51E-13 | 2660 | 1.50E-12 | 2762 | 1.26E-12 | 2864 | 1.68E-12 | 2966 | 2.06E-12 | 3068 | 2.49E-12 | 3170 | 3.02E-12 |
| 2050 | 3.84E-13 | 2152 | 3.92E-13 | 2254 | 4.51E-13 | 2356 | 4.32E-13 | 2458 | 3.91E-13 | 2560 | 6.37E-13 | 2662 | 1.40E-12 | 2764 | 1.30E-12 | 2866 | 1.64E-12 | 2968 | 2.17E-12 | 3070 | 2.56E-12 | 3172 | 3.01E-12 |
| 2052 | 3.03E-13 | 2154 | 6.91E-13 | 2256 | 5.22E-13 | 2358 | 3.84E-13 | 2460 | 3.76E-13 | 2562 | 6.08E-13 | 2664 | 1.36E-12 | 2766 | 1.31E-12 | 2868 | 1.76E-12 | 2970 | 2.31E-12 | 3072 | 2.58E-12 | 3174 | 2.88E-12 |
| 2054 | 1.22E-13 | 2156 | 4.29E-13 | 2258 | 5.05E-13 | 2360 | 3.66E-13 | 2462 | 3.26E-13 | 2564 | 6.71E-13 | 2666 | 1.38E-12 | 2768 | 1.26E-12 | 2870 | 1.79E-12 | 2972 | 2.44E-12 | 3074 | 2.65E-12 | 3176 | 2.71E-12 |
| 2056 | 3.76E-13 | 2158 | 3.64E-13 | 2260 | 4.54E-13 | 2362 | 3.09E-13 | 2464 | 3.13E-13 | 2566 | 7.03E-13 | 2668 | 1.41E-12 | 2770 | 1.19E-12 | 2872 | 1.73E-12 | 2974 | 2.51E-12 | 3076 | 2.67E-12 | 3178 | 2.79E-12 |
| 2058 | 4.34E-13 | 2160 | 6.11E-13 | 2262 | 4.51E-13 | 2364 | 2.19E-13 | 2466 | 3.41E-13 | 2568 | 8.41E-13 | 2670 | 1.40E-12 | 2772 | 1.20E-12 | 2874 | 1.64E-12 | 2976 | 2.41E-12 | 3078 | 2.63E-12 | 3180 | 2.99E-12 |
| 2060 | -3.46E-14 | 2162 | 2.37E-13 | 2264 | 3.40E-13 | 2366 | 3.89E-13 | 2468 | 3.18E-13 | 2570 | 9.19E-13 | 2672 | 1.51E-12 | 2774 | 1.19E-12 | 2876 | 1.49E-12 | 2978 | 2.17E-12 | 3080 | 2.55E-12 | 3182 | 3.08E-12 |
| 2062 | 9.30E-15 | 2164 | 1.55E-13 | 2266 | 1.94E-13 | 2368 | 5.03E-13 | 2470 | 4.77E-13 | 2572 | 8.67E-13 | 2674 | 1.58E-12 | 2776 | 1.05E-12 | 2878 | 1.37E-12 | 2980 | 2.00E-12 | 3082 | 2.54E-12 | 3184 | 3.05E-12 |
| 2064 | -1.57E-14 | 2166 | 2.82E-13 | 2268 | 1.61E-13 | 2370 | 3.17E-13 | 2472 | 3.48E-13 | 2574 | 8.00E-13 | 2676 | 1.52E-12 | 2778 | 9.11E-13 | 2880 | 1.39E-12 | 2982 | 1.95E-12 | 3084 | 2.49E-12 | 3186 | 3.07E-12 |
| 2066 | 1.09E-13 | 2168 | 2.70E-14 | 2270 | 3.47E-13 | 2372 | 3.50E-13 | 2474 | 3.91E-13 | 2576 | 8.08E-13 | 2678 | 1.45E-12 | 2780 | 8.04E-13 | 2882 | 1.55E-12 | 2984 | 2.09E-12 | 3086 | 2.31E-12 | 3188 | 3.07E-12 |
| 2068 | -8.83E-14 | 2170 | 3.65E-13 | 2272 | 3.26E-13 | 2374 | 4.34E-13 | 2476 | 3.83E-13 | 2578 | 8.46E-13 | 2680 | 1.42E-12 | 2782 | 6.86E-13 | 2884 | 1.78E-12 | 2986 | 2.34E-12 | 3088 | 2.24E-12 | 3190 | 3.25E-12 |
| 2070 | -1.99E-13 | 2172 | 4.50E-13 | 2274 | 3.60E-13 | 2376 | 3.72E-13 | 2478 | 3.68E-13 | 2580 | 9.71E-13 | 2682 | 1.47E-12 | 2784 | 6.63E-13 | 2886 | 1.91E-12 | 2988 | 2.47E-12 | 3090 | 2.24E-12 | 3192 | 3.41E-12 |
| 2072 | -4.59E-14 | 2174 | 3.08E-13 | 2276 | 5.37E-13 | 2378 | 2.84E-13 | 2480 | 3.27E-13 | 2582 | 8.77E-13 | 2684 | 1.52E-12 | 2786 | 5.73E-13 | 2888 | 1.98E-12 | 2990 | 2.50E-12 | 3092 | 2.10E-12 | 3194 | 3.49E-12 |
| 2074 | -2.02E-14 | 2176 | 4.09E-13 | 2278 | 4.71E-13 | 2380 | 2.37E-13 | 2482 | 2.30E-13 | 2584 | 6.92E-13 | 2686 | 1.47E-12 | 2788 | 4.81E-13 | 2890 | 1.94E-12 | 2992 | 2.49E-12 | 3094 | 2.07E-12 | 3196 | 3.50E-12 |
| 2076 | 3.11E-13 | 2178 | 7.53E-13 | 2280 | 3.17E-13 | 2382 | 2.78E-13 | 2484 | 2.02E-13 | 2586 | 7.14E-13 | 2688 | 1.44E-12 | 2790 | 3.75E-13 | 2892 | 1.98E-12 | 2994 | 2.43E-12 | 3096 | 2.13E-12 | 3198 | 3.35E-12 |


HD 157089 F9 V V=6.95 (B-V)=0.60 E(B-V)=0.04
LAP: LWP 12706
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

HD 200580 F9 V V=7.32 (B-V)=0.54 E(B-V)=-0.02

LAP: LWP 9605, LWP 11176

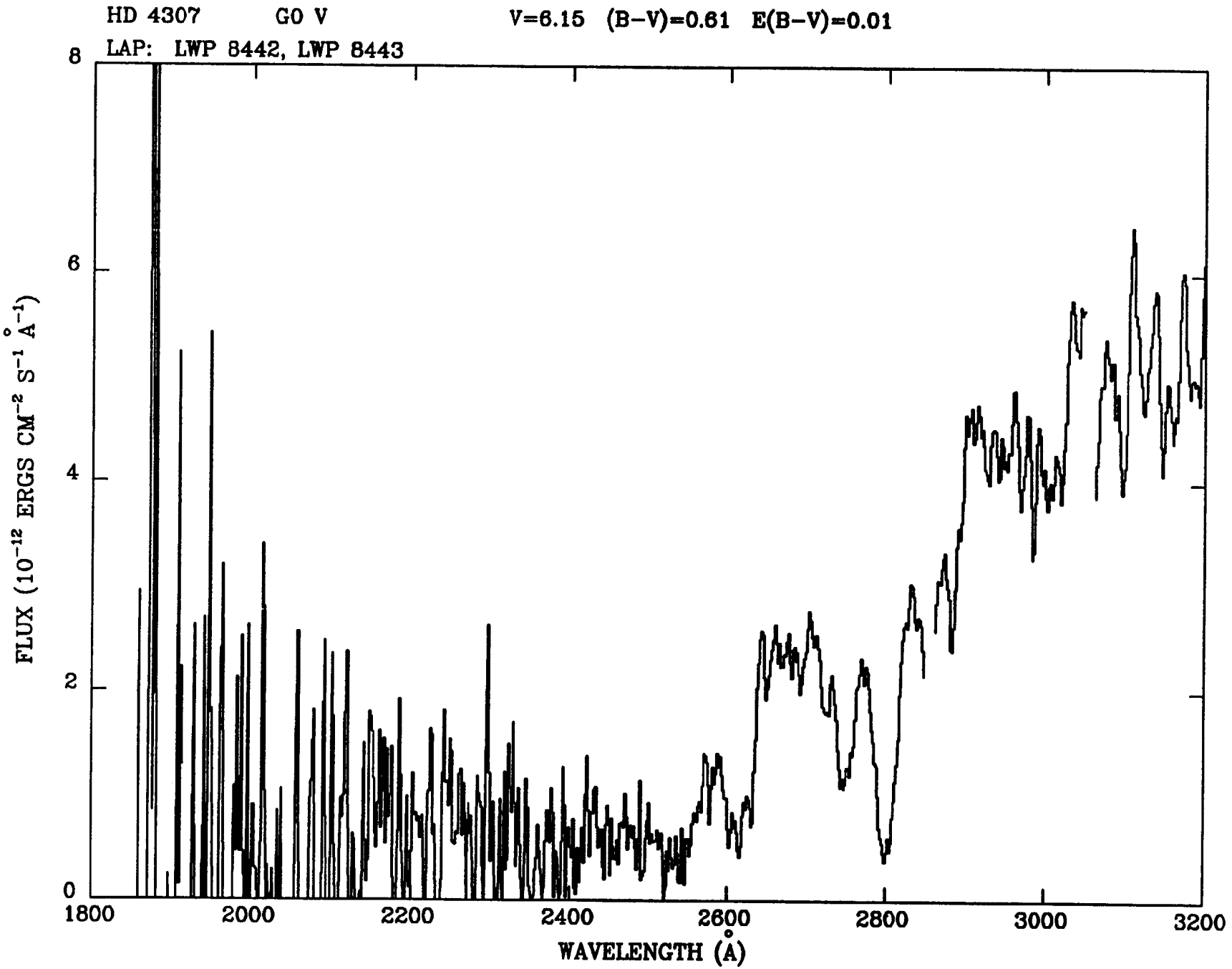
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.05E-13 | 2078 | 9.32E-13 | 2180 | 3.99E-13 | 2282 | 5.67E-13 | 2384 | 3.47E-13 | 2486 | 4.68E-13 | 2588 | 7.34E-13 | 2690 | 1.39E-12 | 2792 | 6.44E-13 | 2894 | 1.74E-12 | 2996 | 2.14E-12 | 3098 | 2.02E-12 |
| 1978 | 3.59E-13 | 2080 | 6.46E-13 | 2182 | 5.14E-13 | 2284 | 6.83E-13 | 2386 | 2.29E-13 | 2488 | 4.99E-13 | 2590 | 7.40E-13 | 2692 | 1.39E-12 | 2794 | 5.13E-13 | 2896 | 1.79E-12 | 2998 | 2.14E-12 | 3100 | 2.02E-12 |
| 1980 | 1.75E-13 | 2082 | 5.04E-13 | 2184 | 7.27E-13 | 2286 | 6.82E-13 | 2388 | 3.29E-13 | 2490 | 4.31E-13 | 2592 | 8.03E-13 | 2694 | 1.33E-12 | 2796 | 3.70E-13 | 2898 | 1.94E-12 | 3000 | 2.08E-12 | 3102 | 2.01E-12 |
| 1982 | 7.95E-13 | 2084 | 4.61E-13 | 2186 | 8.52E-13 | 2288 | 4.84E-13 | 2390 | 3.73E-13 | 2492 | 3.08E-13 | 2594 | 8.55E-13 | 2696 | 1.37E-12 | 2798 | 2.75E-13 | 2900 | 2.04E-12 | 3002 | 1.98E-12 | 3104 | 2.07E-12 |
| 1984 | 7.09E-13 | 2086 | 5.34E-13 | 2188 | 9.54E-13 | 2290 | 6.58E-13 | 2392 | 3.85E-13 | 2494 | 3.11E-13 | 2596 | 8.55E-13 | 2698 | 1.36E-12 | 2800 | 2.56E-13 | 2902 | 2.04E-12 | 3004 | 1.92E-12 | 3106 | 2.22E-12 |
| 1986 | 1.24E-13 | 2088 | 4.48E-13 | 2190 | 5.44E-13 | 2292 | 6.38E-13 | 2394 | 4.17E-13 | 2496 | 4.03E-13 | 2598 | 7.62E-13 | 2700 | 1.35E-12 | 2802 | 2.37E-13 | 2904 | 2.12E-12 | 3006 | 1.96E-12 | 3108 | 2.40E-12 |
| 1988 | 4.28E-14 | 2090 | 3.90E-13 | 2192 | 3.23E-13 | 2294 | 7.38E-13 | 2396 | 4.30E-13 | 2498 | 5.39E-13 | 2600 | 6.06E-13 | 2702 | 1.35E-12 | 2804 | 2.31E-13 | 2906 | 2.20E-12 | 3008 | 2.05E-12 | 3110 | 2.53E-12 |
| 1990 | 7.87E-14 | 2092 | 9.44E-13 | 2194 | 5.64E-13 | 2296 | 9.39E-13 | 2398 | 4.21E-13 | 2500 | 6.27E-13 | 2602 | 4.82E-13 | 2704 | 1.42E-12 | 2806 | 2.66E-13 | 2908 | 2.20E-12 | 3010 | 2.11E-12 | 3112 | 2.59E-12 |
| 1992 | 7.18E-14 | 2094 | 6.53E-13 | 2196 | 5.14E-13 | 2298 | 7.04E-13 | 2400 | 4.28E-13 | 2502 | 7.46E-13 | 2604 | 4.87E-13 | 2706 | 1.47E-12 | 2808 | 3.16E-13 | 2910 | 2.15E-12 | 3012 | 2.14E-12 | 3114 | 2.61E-12 |
| 1994 | 2.86E-13 | 2096 | -1.68E-13 | 2198 | 4.93E-13 | 2300 | 6.02E-13 | 2402 | 4.23E-13 | 2504 | 7.11E-13 | 2606 | 5.73E-13 | 2708 | 1.48E-12 | 2810 | 4.48E-13 | 2912 | 2.07E-12 | 3014 | 2.11E-12 | 3116 | 2.58E-12 |
| 1996 | 5.41E-13 | 2098 | 3.29E-13 | 2200 | 6.38E-13 | 2302 | 7.07E-13 | 2404 | 3.92E-13 | 2506 | 5.51E-13 | 2608 | 6.10E-13 | 2710 | 1.44E-12 | 2812 | 5.96E-13 | 2914 | 2.03E-12 | 3016 | 2.15E-12 | 3118 | 2.47E-12 |
| 1998 | 6.45E-14 | 2100 | 5.89E-13 | 2202 | 6.70E-13 | 2304 | 6.36E-13 | 2406 | 3.31E-13 | 2508 | 4.91E-13 | 2610 | 5.61E-13 | 2712 | 1.42E-12 | 2814 | 7.32E-13 | 2916 | 2.02E-12 | 3018 | 2.11E-12 | 3120 | 2.39E-12 |
| 2000 | 1.44E-13 | 2102 | 7.65E-13 | 2204 | 7.86E-13 | 2306 | 3.68E-13 | 2408 | 4.61E-13 | 2510 | 5.35E-13 | 2612 | 5.44E-13 | 2714 | 1.38E-12 | 2816 | 9.11E-13 | 2918 | 2.01E-12 | 3020 | 2.05E-12 | 3122 | 2.32E-12 |
| 2002 | 2.83E-14 | 2104 | 7.50E-13 | 2206 | 7.94E-13 | 2308 | 4.89E-13 | 2410 | 4.44E-13 | 2512 | 5.59E-13 | 2614 | 5.31E-13 | 2716 | 1.31E-12 | 2818 | 1.12E-12 | 2920 | 2.04E-12 | 3022 | 2.00E-12 | 3124 | 2.30E-12 |
| 2004 | -1.53E-13 | 2106 | 3.92E-13 | 2208 | 6.29E-13 | 2310 | 8.09E-13 | 2412 | 3.48E-13 | 2514 | 4.89E-13 | 2616 | 5.00E-13 | 2718 | 1.29E-12 | 2820 | 1.25E-12 | 2922 | 1.99E-12 | 3024 | 2.00E-12 | 3126 | 2.33E-12 |
| 2006 | 2.97E-13 | 2108 | 1.90E-13 | 2210 | 7.22E-13 | 2312 | 7.08E-13 | 2414 | 2.26E-13 | 2516 | 4.52E-13 | 2618 | 5.33E-13 | 2720 | 1.22E-12 | 2822 | 1.33E-12 | 2924 | 1.95E-12 | 3026 | 2.10E-12 | 3128 | 2.37E-12 |
| 2008 | -3.45E-13 | 2110 | 3.93E-13 | 2212 | 3.22E-13 | 2314 | 6.40E-13 | 2416 | 2.54E-13 | 2518 | 3.94E-13 | 2620 | 6.47E-13 | 2722 | 1.15E-12 | 2824 | 1.40E-12 | 2926 | 1.89E-12 | 3028 | 2.21E-12 | 3130 | 2.38E-12 |
| 2010 | -2.01E-13 | 2112 | 6.86E-13 | 2214 | 4.78E-13 | 2316 | 5.99E-13 | 2418 | 4.33E-13 | 2520 | 2.89E-13 | 2622 | 7.64E-13 | 2724 | 1.14E-12 | 2826 | 1.46E-12 | 2928 | 1.93E-12 | 3030 | 2.37E-12 | 3132 | 2.39E-12 |
| 2012 | 3.04E-14 | 2114 | 4.21E-13 | 2216 | 7.34E-13 | 2318 | 6.91E-13 | 2420 | 5.67E-13 | 2522 | 2.30E-13 | 2624 | 8.09E-13 | 2726 | 1.14E-12 | 2828 | 1.54E-12 | 2930 | 2.04E-12 | 3032 | 2.46E-12 | 3134 | 2.44E-12 |
| 2014 | 5.26E-13 | 2116 | 6.72E-13 | 2218 | 5.55E-13 | 2320 | 6.18E-13 | 2422 | 6.30E-13 | 2524 | 2.28E-13 | 2626 | 8.08E-13 | 2728 | 1.17E-12 | 2830 | 1.56E-12 | 2932 | 2.08E-12 | 3034 | 2.44E-12 | 3136 | 2.55E-12 |
| 2016 | 5.58E-13 | 2118 | 6.35E-13 | 2220 | 4.60E-13 | 2322 | 6.42E-13 | 2424 | 6.62E-13 | 2526 | 2.88E-13 | 2628 | 7.42E-13 | 2730 | 1.22E-12 | 2832 | 1.57E-12 | 2934 | 2.06E-12 | 3036 | 2.44E-12 | 3138 | 2.65E-12 |
| 2018 | -1.10E-13 | 2120 | 5.55E-13 | 2222 | 6.42E-13 | 2324 | 8.39E-13 | 2426 | 7.15E-13 | 2528 | 2.86E-13 | 2630 | 6.71E-13 | 2732 | 1.25E-12 | 2834 | 1.64E-12 | 2936 | 2.04E-12 | 3038 | 2.42E-12 | 3140 | 2.65E-12 |
| 2020 | -3.53E-13 | 2122 | 1.07E-12 | 2224 | 7.26E-13 | 2326 | 8.70E-13 | 2428 | 7.79E-13 | 2530 | 2.26E-13 | 2632 | 5.64E-13 | 2734 | 1.30E-12 | 2836 | 1.63E-12 | 2938 | 2.01E-12 | 3040 | 2.34E-12 | 3142 | 2.57E-12 |
| 2022 | -1.17E-14 | 2124 | 4.20E-13 | 2226 | 6.40E-13 | 2328 | 8.29E-13 | 2430 | 7.65E-13 | 2532 | 2.77E-13 | 2634 | 5.92E-13 | 2736 | 1.31E-12 | 2838 | 1.57E-12 | 2940 | 1.98E-12 | 3042 | 2.37E-12 | 3144 | 2.41E-12 |
| 2024 | 3.17E-13 | 2126 | 3.80E-13 | 2228 | 6.49E-13 | 2330 | 7.00E-13 | 2432 | 7.07E-13 | 2534 | 3.95E-13 | 2636 | 7.46E-13 | 2738 | 1.21E-12 | 2840 | 1.54E-12 | 2942 | 1.94E-12 | 3044 | 2.39E-12 | 3146 | 2.22E-12 |
| 2026 | 1.32E-13 | 2128 | 8.26E-13 | 2230 | 8.07E-13 | 2332 | 5.99E-13 | 2434 | 6.69E-13 | 2536 | 3.37E-13 | 2638 | 1.08E-12 | 2740 | 1.02E-12 | 2842 | 1.53E-12 | 2944 | 1.99E-12 | 3046 | 2.42E-12 | 3148 | 2.20E-12 |
| 2028 | -1.57E-13 | 2130 | 6.34E-13 | 2232 | 8.89E-13 | 2334 | 6.42E-13 | 2436 | 5.39E-13 | 2538 | 3.34E-13 | 2640 | 1.29E-12 | 2742 | 8.64E-13 | 2844 | 1.52E-12 | 2946 | 2.04E-12 | 3048 | 2.45E-12 | 3150 | 2.31E-12 |
| 2030 | 2.99E-13 | 2132 | 3.35E-13 | 2234 | 6.92E-13 | 2336 | 7.53E-13 | 2438 | 6.54E-13 | 2540 | 3.87E-13 | 2642 | 1.33E-12 | 2744 | 7.91E-13 | 2846 | 1.48E-12 | 2948 | 2.01E-12 | 3050 | 2.46E-12 | 3152 | 2.41E-12 |
| 2032 | 8.38E-14 | 2134 | 2.18E-13 | 2236 | 6.08E-13 | 2338 | 6.52E-13 | 2440 | 7.10E-13 | 2542 | 4.47E-13 | 2644 | | 2746 | 7.95E-13 | 2848 | | 2950 | 2.06E-12 | 3052 | | 3154 | 2.34E-12 |
| 2034 | -9.65E-14 | 2136 | 3.29E-13 | 2238 | 8.05E-13 | 2340 | 5.24E-13 | 2442 | 6.24E-13 | 2544 | 4.70E-13 | 2646 | | 2748 | 7.63E-13 | 2850 | | 2952 | 2.05E-12 | 3054 | | 3156 | 2.26E-12 |
| 2036 | 4.10E-13 | 2138 | 4.40E-13 | 2240 | 8.33E-13 | 2342 | 4.03E-13 | 2444 | 5.60E-13 | 2546 | 4.15E-13 | 2648 | 1.39E-12 | 2750 | 7.49E-13 | 2852 | | 2954 | 2.12E-12 | 3056 | | 3158 | 2.19E-12 |
| 2038 | 2.74E-13 | 2140 | 3.30E-13 | 2242 | 9.00E-13 | 2344 | 3.70E-13 | 2446 | 6.35E-13 | 2548 | 4.23E-13 | 2650 | 1.44E-12 | 2752 | 7.72E-13 | 2854 | | 2956 | 2.16E-12 | 3058 | | 3160 | 2.12E-12 |
| 2040 | -9.20E-14 | 2142 | 4.46E-13 | 2244 | 7.04E-13 | 2346 | 3.55E-13 | 2448 | 6.38E-13 | 2550 | 4.25E-13 | 2652 | 1.51E-12 | 2754 | 8.28E-13 | 2856 | 9.19E-13 | 2958 | 2.26E-12 | 3060 | | 3162 | 2.10E-12 |
| 2042 | 4.23E-13 | 2144 | 4.64E-13 | 2246 | 7.29E-13 | 2348 | 2.29E-13 | 2450 | 5.95E-13 | 2552 | 4.32E-13 | 2654 | 1.55E-12 | 2756 | 9.15E-13 | 2858 | 9.99E-13 | 2960 | 2.28E-12 | 3062 | 2.28E-12 | 3164 | 2.15E-12 |
| 2044 | 7.00E-13 | 2146 | 6.01E-13 | 2248 | 9.82E-13 | 2350 | 3.56E-13 | 2452 | 6.33E-13 | 2554 | 4.77E-13 | 2656 | 1.51E-12 | 2758 | 9.98E-13 | 2860 | 1.24E-12 | 2962 | 2.25E-12 | 3064 | 2.26E-12 | 3166 | 2.24E-12 |
| 2046 | 2.71E-13 | 2148 | 7.18E-13 | 2250 | 8.91E-13 | 2352 | 4.36E-13 | 2454 | 6.09E-13 | 2556 | 5.47E-13 | 2658 | 1.53E-12 | 2760 | 1.02E-12 | 2862 | 1.46E-12 | 2964 | 2.19E-12 | 3066 | 2.28E-12 | 3168 | 2.30E-12 |
| 2048 | 3.01E-13 | 2150 | 6.80E-13 | 2252 | 6.27E-13 | 2354 | 3.91E-13 | 2456 | 4.70E-13 | 2558 | 7.00E-13 | 2660 | 1.59E-12 | 2762 | 1.09E-12 | 2864 | 1.50E-12 | 2966 | 2.11E-12 | 3068 | 2.30E-12 | 3170 | 2.44E-12 |
| 2050 | 1.88E-13 | 2152 | 5.24E-13 | 2254 | 7.66E-13 | 2356 | 4.98E-13 | 2458 | 4.48E-13 | 2560 | 7.02E-13 | 2662 | 1.55E-12 | 2764 | 1.19E-12 | 2866 | 1.56E-12 | 2968 | 2.00E-12 | 3070 | 2.30E-12 | 3172 | 2.65E-12 |
| 2052 | 1.89E-13 | 2154 | 7.29E-13 | 2256 | 8.52E-13 | 2358 | 6.27E-13 | 2460 | 4.75E-13 | 2562 | 6.51E-13 | 2664 | 1.51E-12 | 2766 | 1.25E-12 | 2868 | 1.65E-12 | 2970 | 1.93E-12 | 3072 | 2.33E-12 | 3174 | 2.81E-12 |
| 2054 | 3.98E-13 | 2156 | 6.63E-13 | 2258 | 9.06E-13 | 2360 | 6.42E-13 | 2462 | 4.45E-13 | 2564 | 6.70E-13 | 2666 | 1.38E-12 | 2768 | 1.28E-12 | 2870 | 1.63E-12 | 2972 | 1.89E-12 | 3074 | 2.42E-12 | 3176 | 2.80E-12 |
| 2056 | 6.11E-13 | 2158 | 5.82E-13 | 2260 | 6.96E-13 | 2362 | 4.82E-13 | 2464 | 4.58E-13 | 2566 | 6.53E-13 | 2668 | 1.27E-12 | 2770 | 1.26E-12 | 2872 | 1.65E-12 | 2974 | 1.93E-12 | 3076 | 2.44E-12 | 3178 | 2.65E-12 |
| 2058 | 7.97E-13 | 2160 | 8.79E-13 | 2262 | 5.96E-13 | 2364 | 3.85E-13 | 2466 | 4.84E-13 | 2568 | 6.92E-13 | 2670 | 1.29E-12 | 2772 | 1.24E-12 | 2874 | 1.70E-12 | 2976 | 2.03E-12 | 3078 | 2.44E-12 | 3180 | 2.50E-12 |
| 2060 | 7.29E-13 | 2162 | 5.68E-13 | 2264 | 7.03E-13 | 2366 | 4.91E-13 | 2468 | 4.67E-13 | 2570 | 7.41E-13 | 2672 | 1.39E-12 | 2774 | 1.27E-12 | 2876 | 1.74E-12 | 2978 | 2.14E-12 | 3080 | 2.41E-12 | 3182 | 2.40E-12 |
| 2062 | 2.79E-13 | 2164 | 3.46E-13 | 2266 | 7.69E-13 | 2368 | 5.33E-13 | 2470 | 5.41E-13 | 2572 | 8.04E-13 | 2674 | 1.38E-12 | 2776 | 1.32E-12 | 2878 | 1.66E-12 | 2980 | 2.16E-12 | 3082 | 2.44E-12 | 3184 | 2.38E-12 |
| 2064 | 7.91E-14 | 2166 | 4.11E-13 | 2268 | 5.83E-13 | 2370 | 4.96E-13 | 2472 | 5.06E-13 | 2574 | 9.10E-13 | 2676 | 1.36E-12 | 2778 | 1.28E-12 | 2880 | 1.51E-12 | 2982 | 2.10E-12 | 3084 | 2.50E-12 | 3186 | 2.34E-12 |
| 2066 | 4.72E-13 | 2168 | 1.78E-13 | 2270 | 4.36E-13 | 2372 | 5.00E-13 | 2474 | 5.15E-13 | 2576 | 9.10E-13 | 2678 | 1.41E-12 | 2780 | 1.20E-12 | 2882 | 1.41E-12 | 2984 | 1.96E-12 | 3086 | 2.46E-12 | 3188 | 2.31E-12 |
| 2068 | 2.52E-13 | 2170 | 6.03E-13 | 2272 | 4.73E-13 | 2374 | 4.86E-13 | 2476 | 4.85E-13 | 2578 | 8.35E-13 | 2680 | 1.42E-12 | 2782 | 1.08E-12 | 2884 | 1.35E-12 | 2986 | 1.85E-12 | 3088 | 2.43E-12 | 3190 | 2.37E-12 |
| 2070 | 2.40E-13 | 2172 | 5.95E-13 | 2274 | 6.14E-13 | 2376 | 5.77E-13 | 2478 | 5.91E-13 | 2580 | 8.46E-13 | 2682 | 1.39E-12 | 2784 | 9.74E-13 | 2886 | 1.42E-12 | 2988 | 1.85E-12 | 3090 | 2.41E-12 | 3192 | 2.36E-12 |
| 2072 | 3.68E-13 | 2174 | 4.09E-13 | 2276 | 7.19E-13 | 2378 | 5.15E-13 | 2480 | 5.77E-13 | 2582 | 8.19E-13 | 2684 | 1.38E-12 | 2786 | 8.82E-13 | 2888 | 1.64E-12 | 2990 | 1.96E-12 | 3092 | 2.22E-12 | 3194 | 2.34E-12 |
| 2074 | 4.90E-13 | 2176 | 5.17E-13 | 2278 | 5.34E-13 | 2380 | 4.55E-13 | 2482 | 4.65E-13 | 2584 | 8.73E-13 | 2686 | 1.42E-12 | 2788 | 8.47E-13 | 2890 | 1.74E-12 | 2992 | 2.06E-12 | 3094 | 2.06E-12 | 3196 | 2.38E-12 |
| 2076 | 9.34E-13 | 2178 | 5.16E-13 | 2280 | 4.17E-13 | 2382 | 4.38E-13 | 2484 | 4.48E-13 | 2586 | 8.51E-13 | 2688 | 1.43E-12 | 2790 | 7.64E-13 | 2892 | 1.80E-12 | 2994 | 2.13E-12 | 3096 | 2.00E-12 | 3198 | 2.41E-12 |


HD 200580 F9 V V=7.32 (B-V)=0.54 E(B-V)=-0.02
LAP: LWP 9605, LWP 11176
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

HD 4307 G0 V V=6.15 (B-V)=0.61 E(B-V)=0.01

LAP: LWP 8442, LWP 8443

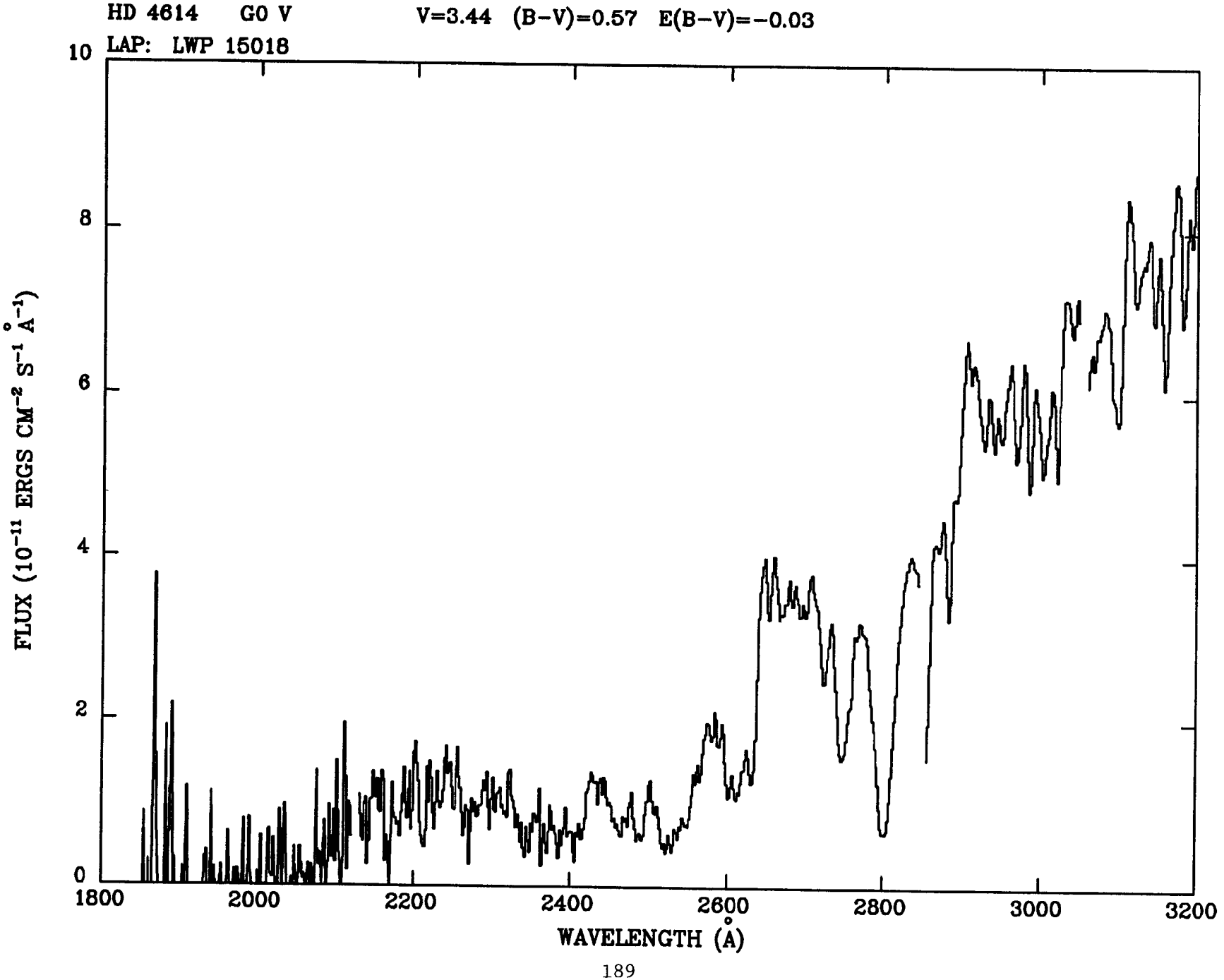
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.19E-12 | 2078 | 1.67E-12 | 2180 | -4.44E-13 | 2282 | 4.63E-13 | 2384 | 3.40E-13 | 2486 | 4.98E-13 | 2588 | 1.37E-12 | 2690 | 2.21E-12 | 2792 | 6.59E-13 | 2894 | 3.61E-12 | 2996 | 4.05E-12 | 3098 | 4.07E-12 |
| 1978 | 4.14E-13 | 2080 | -1.54E-13 | 2182 | -1.12E-13 | 2284 | 1.07E-12 | 2386 | -2.10E-14 | 2488 | 1.00E-12 | 2590 | 1.31E-12 | 2692 | 2.01E-12 | 2794 | 5.79E-13 | 2896 | 3.85E-12 | 2998 | 4.08E-12 | 3100 | 4.21E-12 |
| 1980 | 6.48E-13 | 2082 | -2.50E-12 | 2184 | 9.09E-13 | 2286 | 9.56E-13 | 2388 | 2.06E-13 | 2490 | 3.39E-13 | 2592 | 1.30E-12 | 2694 | 2.08E-12 | 2796 | 4.97E-13 | 2898 | 4.38E-12 | 3000 | 3.96E-12 | 3102 | 4.64E-12 |
| 1982 | 1.71E-12 | 2084 | -3.25E-12 | 2186 | 1.74E-12 | 2288 | 8.95E-13 | 2390 | 8.05E-13 | 2492 | 2.33E-13 | 2594 | 1.13E-12 | 2696 | 2.25E-12 | 2798 | 4.08E-13 | 2900 | 4.63E-12 | 3002 | 3.79E-12 | 3104 | 5.31E-12 |
| 1984 | 1.30E-12 | 2086 | -2.77E-12 | 2188 | 9.33E-13 | 2290 | 4.04E-13 | 2392 | 1.10E-12 | 2494 | 2.93E-13 | 2596 | 1.01E-12 | 2698 | 2.34E-12 | 2800 | 4.36E-13 | 2902 | 4.50E-12 | 3004 | 3.92E-12 | 3106 | 5.97E-12 |
| 1986 | 5.28E-13 | 2088 | -3.16E-13 | 2190 | 1.33E-13 | 2292 | -2.87E-13 | 2394 | 4.67E-13 | 2496 | 6.07E-13 | 2598 | 9.75E-13 | 2700 | 2.43E-12 | 2802 | 5.66E-13 | 2904 | 4.61E-12 | 3006 | 4.01E-12 | 3108 | 6.31E-12 |
| 1988 | 2.32E-12 | 2090 | 1.64E-12 | 2192 | -3.33E-13 | 2294 | 2.32E-12 | 2396 | 3.60E-13 | 2498 | 7.81E-13 | 2600 | 7.87E-13 | 2702 | 2.64E-12 | 2804 | 4.97E-13 | 2906 | 4.67E-12 | 3008 | 3.88E-12 | 3110 | 6.41E-12 |
| 1990 | 4.35E-13 | 2092 | 2.45E-12 | 2194 | 4.03E-13 | 2296 | 2.49E-12 | 2398 | 6.71E-13 | 2500 | 8.29E-13 | 2602 | 5.55E-13 | 2704 | 2.74E-12 | 2806 | 5.47E-13 | 2908 | 4.58E-12 | 3010 | 4.01E-12 | 3112 | 5.94E-12 |
| 1992 | 7.27E-15 | 2094 | 6.92E-13 | 2196 | 5.52E-13 | 2298 | 1.08E-12 | 2400 | 5.63E-13 | 2502 | 5.73E-13 | 2604 | 6.24E-13 | 2706 | 2.62E-12 | 2808 | 7.70E-13 | 2910 | 4.42E-12 | 3012 | 4.27E-12 | 3114 | 5.57E-12 |
| 1994 | -2.94E-13 | 2096 | -1.28E-12 | 2198 | 1.68E-13 | 2300 | 3.88E-13 | 2402 | 4.32E-13 | 2504 | 6.08E-13 | 2606 | 8.08E-13 | 2708 | 2.48E-12 | 2810 | 9.57E-13 | 2912 | 4.53E-12 | 3014 | 4.23E-12 | 3116 | 5.46E-12 |
| 1996 | 1.95E-12 | 2098 | -1.43E-12 | 2200 | 3.75E-13 | 2302 | 5.94E-13 | 2404 | 7.13E-13 | 2506 | 5.63E-13 | 2608 | 7.02E-13 | 2710 | 2.50E-12 | 2812 | 1.16E-12 | 2914 | 4.70E-12 | 3016 | 4.16E-12 | 3118 | 5.16E-12 |
| 1998 | -8.40E-14 | 2100 | 4.25E-13 | 2202 | 1.06E-12 | 2304 | 3.45E-13 | 2406 | 1.81E-13 | 2508 | 5.68E-13 | 2610 | 7.61E-13 | 2712 | 2.54E-12 | 2814 | 1.34E-12 | 2916 | 4.68E-12 | 3018 | 4.02E-12 | 3120 | 4.98E-12 |
| 2000 | -1.12E-13 | 2102 | 2.15E-12 | 2204 | 8.69E-13 | 2306 | -3.63E-13 | 2408 | 8.46E-14 | 2510 | 6.21E-13 | 2612 | 6.23E-13 | 2714 | 2.46E-12 | 2816 | 1.65E-12 | 2918 | 4.50E-12 | 3020 | 3.89E-12 | 3122 | 4.74E-12 |
| 2002 | 8.29E-13 | 2104 | 1.26E-12 | 2206 | 8.25E-13 | 2308 | -1.16E-13 | 2410 | 4.65E-13 | 2512 | 5.61E-13 | 2614 | 4.65E-13 | 2716 | 2.34E-12 | 2818 | 2.07E-12 | 2920 | 4.51E-12 | 3022 | 4.14E-12 | 3124 | 4.67E-12 |
| 2004 | 3.65E-13 | 2106 | 1.90E-13 | 2208 | 7.50E-13 | 2310 | 3.76E-13 | 2412 | 2.14E-13 | 2514 | 5.03E-13 | 2616 | 4.42E-13 | 2718 | 2.11E-12 | 2820 | 2.37E-12 | 2922 | 4.38E-12 | 3024 | 4.45E-12 | 3126 | 4.83E-12 |
| 2006 | 2.89E-13 | 2108 | -5.89E-13 | 2210 | 7.69E-13 | 2312 | 5.98E-13 | 2414 | 4.97E-13 | 2516 | 6.06E-13 | 2618 | 6.19E-13 | 2720 | 1.89E-12 | 2822 | 2.56E-12 | 2924 | 4.15E-12 | 3026 | 4.91E-12 | 3128 | 5.10E-12 |
| 2008 | 5.24E-14 | 2110 | -4.43E-13 | 2212 | 6.09E-13 | 2314 | 3.18E-14 | 2416 | 5.92E-13 | 2518 | 5.08E-13 | 2620 | 8.60E-13 | 2722 | 1.82E-12 | 2824 | 2.65E-12 | 2926 | 4.09E-12 | 3028 | 5.30E-12 | 3130 | 5.17E-12 |
| 2010 | -3.98E-13 | 2112 | 5.80E-13 | 2214 | 7.41E-13 | 2316 | 8.85E-13 | 2418 | 5.87E-13 | 2520 | 6.40E-14 | 2622 | 9.10E-13 | 2724 | 1.80E-12 | 2826 | 2.64E-12 | 2928 | 4.03E-12 | 3030 | 5.57E-12 | 3132 | 5.36E-12 |
| 2012 | 1.11E-12 | 2114 | 8.34E-13 | 2216 | 5.22E-13 | 2318 | 4.28E-13 | 2420 | 1.17E-12 | 2522 | 1.30E-13 | 2624 | 9.40E-13 | 2726 | 1.81E-12 | 2828 | 2.75E-12 | 2930 | 4.09E-12 | 3032 | 5.73E-12 | 3134 | 5.56E-12 |
| 2014 | 3.25E-12 | 2116 | 9.51E-13 | 2218 | -1.88E-13 | 2320 | 3.68E-13 | 2422 | 1.11E-12 | 2524 | 4.62E-13 | 2626 | 9.74E-13 | 2728 | 1.83E-12 | 2830 | 2.97E-12 | 2932 | 4.41E-12 | 3034 | 5.66E-12 | 3136 | 5.78E-12 |
| 2016 | 2.18E-12 | 2118 | 1.67E-12 | 2220 | 3.02E-13 | 2322 | 1.41E-12 | 2424 | 6.14E-13 | 2526 | 3.30E-13 | 2628 | 9.08E-13 | 2730 | 2.10E-12 | 2832 | 3.02E-12 | 2934 | 4.51E-12 | 3036 | 5.41E-12 | 3138 | 5.84E-12 |
| 2018 | 5.50E-13 | 2120 | 2.35E-12 | 2222 | 1.02E-12 | 2324 | 1.05E-12 | 2426 | 6.70E-13 | 2528 | 5.57E-13 | 2630 | 7.51E-13 | 2732 | 2.13E-12 | 2834 | 2.94E-12 | 2936 | 4.51E-12 | 3038 | 5.30E-12 | 3140 | 5.61E-12 |
| 2020 | 5.19E-14 | 2122 | 8.29E-13 | 2224 | 1.36E-12 | 2326 | 9.64E-13 | 2428 | 8.32E-13 | 2530 | 3.83E-13 | 2632 | 7.36E-13 | 2734 | 1.98E-12 | 2836 | 2.71E-12 | 2938 | 4.40E-12 | 3040 | 5.28E-12 | 3142 | 5.05E-12 |
| 2022 | -9.71E-13 | 2124 | -7.33E-13 | 2226 | 1.60E-12 | 2328 | 1.51E-12 | 2430 | 9.97E-13 | 2532 | 3.20E-13 | 2634 | 1.16E-12 | 2736 | 1.82E-12 | 2838 | 2.62E-12 | 2940 | 4.14E-12 | 3042 | 5.29E-12 | 3144 | 4.52E-12 |
| 2024 | -7.77E-13 | 2126 | -1.44E-12 | 2228 | 9.11E-13 | 2330 | 7.44E-13 | 2432 | 1.07E-12 | 2534 | 4.50E-13 | 2636 | 1.51E-12 | 2738 | 1.59E-12 | 2840 | 2.71E-12 | 2942 | 4.05E-12 | 3044 | 5.68E-12 | 3146 | 4.16E-12 |
| 2026 | 2.09E-13 | 2128 | 6.17E-13 | 2230 | 6.90E-13 | 2332 | 5.28E-13 | 2434 | 7.49E-13 | 2536 | 5.40E-13 | 2638 | 2.03E-12 | 2740 | 1.34E-12 | 2842 | 2.69E-12 | 2944 | 4.31E-12 | 3046 | 5.62E-12 | 3148 | 4.28E-12 |
| 2028 | -1.36E-12 | 2130 | 3.87E-13 | 2232 | -4.04E-13 | 2334 | 9.81E-13 | 2436 | 5.17E-13 | 2538 | 3.03E-13 | 2640 | 2.30E-12 | 2742 | 1.15E-12 | 2844 | 2.58E-12 | 2946 | 4.38E-12 | 3048 | 5.65E-12 | 3150 | 4.65E-12 |
| 2030 | -1.66E-12 | 2132 | -2.96E-13 | 2234 | -1.13E-12 | 2336 | 7.94E-13 | 2438 | 5.51E-13 | 2540 | 1.77E-13 | 2642 | 2.52E-12 | 2744 | 1.14E-12 | 2846 | 2.33E-12 | 2948 | 4.20E-12 | 3050 | 5.66E-12 | 3152 | 4.94E-12 |
| 2032 | 4.80E-13 | 2134 | -4.12E-13 | 2236 | -9.63E-13 | 2338 | 3.49E-13 | 2440 | 6.24E-13 | 2542 | 5.06E-13 | 2644 | 2.57E-12 | 2746 | 1.10E-12 | 2848 | 2.16E-12 | 2950 | 4.22E-12 | 3052 | | 3154 | 4.95E-12 |
| 2034 | 4.24E-13 | 2136 | 2.24E-14 | 2238 | 2.92E-13 | 2340 | -1.03E-13 | 2442 | 2.96E-13 | 2544 | 3.95E-13 | 2646 | 2.43E-12 | 2748 | 1.11E-12 | 2850 | | 2952 | 4.13E-12 | 3054 | | 3156 | 4.75E-12 |
| 2036 | -8.91E-13 | 2138 | -3.45E-13 | 2240 | 1.30E-12 | 2342 | 1.86E-13 | 2444 | 3.32E-13 | 2546 | 1.88E-13 | 2648 | 2.07E-12 | 2750 | 1.25E-12 | 2852 | | 2954 | 4.30E-12 | 3056 | | 3158 | 4.59E-12 |
| 2038 | 6.30E-13 | 2140 | 7.30E-13 | 2242 | 1.64E-12 | 2344 | 9.78E-13 | 2446 | 7.82E-13 | 2548 | 5.24E-13 | 2650 | 1.98E-12 | 2752 | 1.26E-12 | 2854 | | 2956 | 4.33E-12 | 3058 | | 3160 | 4.42E-12 |
| 2040 | -1.61E-12 | 2142 | 8.44E-13 | 2244 | 1.13E-12 | 2346 | 9.31E-13 | 2448 | 8.29E-13 | 2550 | 5.92E-13 | 2652 | 2.10E-12 | 2754 | 1.22E-12 | 2856 | | 2958 | 4.64E-12 | 3060 | | 3162 | 4.55E-12 |
| 2042 | -1.11E-12 | 2144 | 2.75E-13 | 2246 | 1.05E-12 | 2348 | 2.43E-13 | 2450 | 5.05E-13 | 2552 | 4.40E-13 | 2654 | 2.24E-12 | 2756 | 1.42E-12 | 2858 | | 2960 | 4.89E-12 | 3062 | 3.87E-12 | 3164 | 4.64E-12 |
| 2044 | -1.71E-12 | 2146 | 3.49E-13 | 2248 | 1.18E-12 | 2350 | 8.58E-14 | 2452 | 5.35E-13 | 2554 | 5.50E-13 | 2656 | 2.37E-12 | 2758 | 1.41E-12 | 2860 | 2.59E-12 | 2962 | 4.79E-12 | 3064 | 4.14E-12 | 3166 | 4.79E-12 |
| 2046 | -1.86E-12 | 2148 | 1.65E-12 | 2250 | 1.48E-12 | 2352 | -1.22E-13 | 2454 | 6.18E-13 | 2556 | 7.49E-13 | 2658 | 2.47E-12 | 2760 | 1.56E-12 | 2862 | 2.80E-12 | 2964 | 4.51E-12 | 3066 | 4.39E-12 | 3168 | 5.30E-12 |
| 2048 | -9.01E-13 | 2150 | 1.74E-12 | 2252 | 9.41E-13 | 2354 | 7.66E-14 | 2456 | 4.35E-13 | 2558 | 8.15E-13 | 2660 | 2.61E-12 | 2762 | 1.85E-12 | 2864 | 3.04E-12 | 2966 | 4.17E-12 | 3068 | 4.82E-12 | 3170 | 5.80E-12 |
| 2050 | -1.29E-12 | 2152 | 1.56E-12 | 2254 | 5.41E-13 | 2356 | 3.11E-13 | 2458 | 3.90E-13 | 2560 | 7.65E-13 | 2662 | 2.50E-12 | 2764 | 2.05E-12 | 2866 | 3.05E-12 | 2968 | 3.83E-12 | 3070 | 4.94E-12 | 3172 | 6.01E-12 |
| 2052 | -1.35E-12 | 2154 | 1.08E-12 | 2256 | 6.08E-13 | 2358 | 4.77E-13 | 2460 | 5.36E-13 | 2562 | 8.06E-13 | 2664 | 2.30E-12 | 2766 | 2.12E-12 | 2868 | 3.05E-12 | 2970 | 3.88E-12 | 3072 | 4.99E-12 | 3174 | 5.96E-12 |
| 2054 | -5.19E-13 | 2156 | 6.03E-13 | 2258 | 6.32E-13 | 2360 | 6.25E-13 | 2462 | 3.82E-13 | 2564 | 9.20E-13 | 2666 | 2.45E-12 | 2768 | 2.26E-12 | 2870 | 3.20E-12 | 2972 | 4.05E-12 | 3074 | 5.31E-12 | 3176 | 5.46E-12 |
| 2056 | 1.32E-12 | 2158 | 6.29E-13 | 2260 | 1.09E-12 | 2362 | 4.00E-13 | 2464 | 7.08E-13 | 2566 | 8.94E-13 | 2668 | 2.24E-12 | 2770 | 2.23E-12 | 2872 | 3.30E-12 | 2974 | 4.23E-12 | 3076 | 5.34E-12 | 3178 | 5.18E-12 |
| 2058 | 2.42E-12 | 2160 | 1.16E-12 | 2262 | 1.24E-12 | 2364 | 1.54E-13 | 2466 | 7.40E-13 | 2568 | 9.81E-13 | 2670 | 2.26E-12 | 2772 | 2.11E-12 | 2874 | 3.28E-12 | 2976 | 4.58E-12 | 3078 | 5.21E-12 | 3180 | 4.99E-12 |
| 2060 | 9.92E-13 | 2162 | 1.20E-12 | 2264 | 6.43E-13 | 2366 | 5.97E-14 | 2468 | 7.26E-13 | 2570 | 1.29E-12 | 2672 | 2.36E-12 | 2774 | 2.20E-12 | 2876 | 3.07E-12 | 2978 | 4.65E-12 | 3080 | 5.10E-12 | 3182 | 4.85E-12 |
| 2062 | -1.03E-12 | 2164 | 8.59E-13 | 2266 | 1.09E-12 | 2368 | 3.86E-13 | 2470 | 9.81E-13 | 2572 | 1.39E-12 | 2674 | 2.39E-12 | 2776 | 2.21E-12 | 2878 | 2.96E-12 | 2980 | 4.28E-12 | 3082 | 5.09E-12 | 3184 | 4.99E-12 |
| 2064 | -4.33E-13 | 2166 | 1.31E-12 | 2268 | 6.93E-13 | 2370 | 7.51E-13 | 2472 | 7.15E-13 | 2574 | 1.34E-12 | 2676 | 2.51E-12 | 2778 | 2.07E-12 | 2880 | 2.68E-12 | 2982 | 3.78E-12 | 3084 | 5.17E-12 | 3186 | 5.00E-12 |
| 2066 | -1.12E-12 | 2168 | 8.89E-13 | 2270 | 1.22E-13 | 2372 | 6.65E-13 | 2474 | 5.32E-13 | 2576 | 1.13E-12 | 2678 | 2.45E-12 | 2780 | 1.83E-12 | 2882 | 2.41E-12 | 2984 | 3.29E-12 | 3086 | 4.82E-12 | 3188 | 4.95E-12 |
| 2068 | -4.04E-13 | 2170 | 1.17E-12 | 2272 | 8.45E-13 | 2374 | 5.61E-13 | 2476 | 6.58E-13 | 2578 | 7.71E-13 | 2680 | 2.22E-12 | 2782 | 1.63E-12 | 2884 | 2.54E-12 | 2986 | 3.42E-12 | 3088 | 4.64E-12 | 3190 | 4.94E-12 |
| 2070 | -1.38E-12 | 2172 | 9.50E-13 | 2274 | 6.91E-13 | 2376 | 9.85E-13 | 2478 | 6.62E-13 | 2580 | 1.06E-12 | 2682 | 2.29E-12 | 2784 | 1.49E-12 | 2886 | 2.86E-12 | 2988 | 3.97E-12 | 3090 | 4.81E-12 | 3192 | 4.83E-12 |
| 2072 | -5.15E-13 | 2174 | 9.54E-13 | 2276 | 6.83E-13 | 2378 | 8.43E-13 | 2480 | 6.54E-13 | 2582 | 1.26E-12 | 2684 | 2.42E-12 | 2786 | 1.31E-12 | 2888 | 3.30E-12 | 2990 | 4.44E-12 | 3092 | 4.57E-12 | 3194 | 4.95E-12 |
| 2074 | 1.03E-12 | 2176 | 1.39E-12 | 2278 | -3.74E-14 | 2380 | 5.08E-14 | 2482 | 5.94E-13 | 2584 | 1.13E-12 | 2686 | 2.34E-12 | 2788 | 1.22E-12 | 2890 | 3.54E-12 | 2992 | 4.52E-12 | 3094 | 4.20E-12 | 3196 | 5.49E-12 |
| 2076 | 1.31E-12 | 2178 | 2.72E-13 | 2280 | -6.54E-13 | 2382 | 4.62E-13 | 2484 | 3.66E-13 | 2586 | 1.26E-12 | 2688 | 2.36E-12 | 2790 | 8.94E-13 | 2892 | 3.49E-12 | 2994 | 4.31E-12 | 3096 | 3.93E-12 | 3198 | 5.95E-12 |


HD 4307 G0 V V=6.15 (B−V)=0.61 E(B−V)=0.01
LAP: LWP 8442, LWP 8443
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 4614 G0 V V=3.44 (B-V)=0.57 E(B-V)=-0.03**

**LAP: LWP 15018**

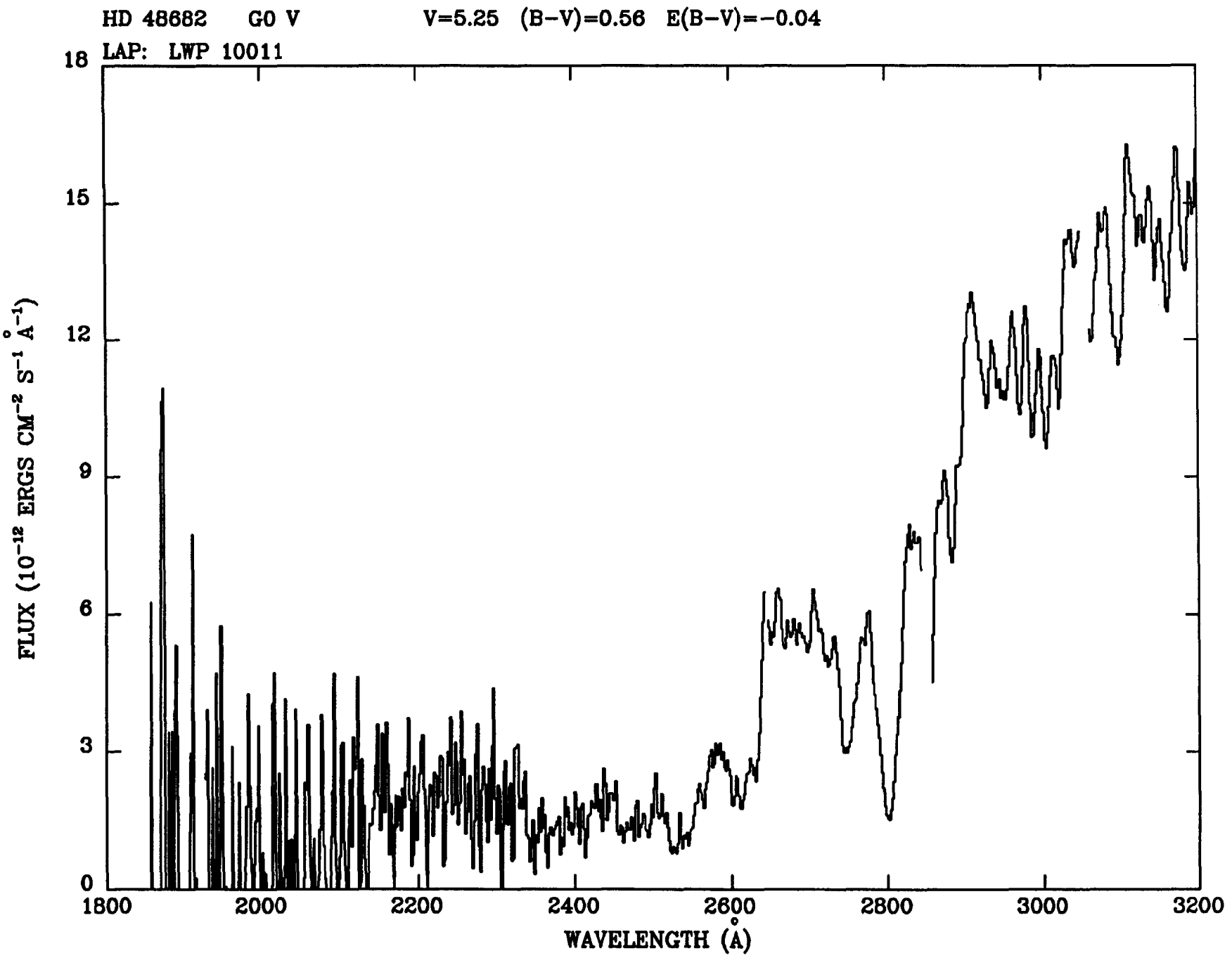
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.56E-12 | 2078 | 3.42E-12 | 2180 | 7.53E-12 | 2282 | 8.50E-12 | 2384 | 4.81E-12 | 2486 | 6.08E-12 | 2588 | 1.71E-11 | 2690 | 3.47E-11 | 2792 | 1.38E-11 | 2894 | 4.83E-11 | 2996 | 5.86E-11 | 3098 | 5.71E-11 |
| 1978 | -2.35E-12 | 2080 | 3.35E-12 | 2182 | 6.41E-12 | 2284 | 9.36E-12 | 2386 | 4.34E-12 | 2488 | 6.44E-12 | 2590 | 1.75E-11 | 2692 | 3.30E-11 | 2794 | 1.11E-11 | 2896 | 5.21E-11 | 2998 | 5.66E-11 | 3100 | 5.67E-11 |
| 1980 | -5.00E-12 | 2082 | 1.20E-12 | 2184 | 9.36E-12 | 2286 | 9.76E-12 | 2388 | 6.21E-12 | 2490 | 5.90E-12 | 2592 | 1.89E-11 | 2694 | 3.30E-11 | 2796 | 8.34E-12 | 2898 | 5.60E-11 | 3000 | 5.37E-11 | 3102 | 5.85E-11 |
| 1982 | 5.34E-12 | 2084 | 3.98E-12 | 2186 | 1.20E-11 | 2288 | 1.12E-11 | 2390 | 5.53E-12 | 2492 | 5.73E-12 | 2594 | 1.92E-11 | 2696 | 3.44E-11 | 2798 | 6.90E-12 | 2900 | 5.96E-11 | 3002 | 5.08E-11 | 3104 | 6.42E-11 |
| 1984 | 1.44E-12 | 2086 | 7.34E-12 | 2188 | 1.27E-11 | 2290 | 1.26E-11 | 2392 | 6.70E-12 | 2494 | 6.41E-12 | 2596 | 1.65E-11 | 2698 | 3.37E-11 | 2800 | 6.66E-12 | 2902 | 6.28E-11 | 3004 | 5.07E-11 | 3106 | 7.27E-11 |
| 1986 | -5.76E-12 | 2088 | -1.01E-12 | 2190 | 9.14E-12 | 2292 | 1.16E-11 | 2394 | 8.44E-12 | 2496 | 9.03E-12 | 2598 | 1.34E-11 | 2700 | 3.31E-11 | 2802 | 6.62E-12 | 2904 | 6.57E-11 | 3006 | 5.26E-11 | 3108 | 7.95E-11 |
| 1988 | 2.51E-12 | 2090 | 2.24E-12 | 2192 | 9.87E-12 | 2294 | 1.35E-11 | 2396 | 7.44E-12 | 2498 | 1.04E-11 | 2600 | 1.13E-11 | 2702 | 3.44E-11 | 2804 | 6.88E-12 | 2906 | 6.63E-11 | 3008 | 5.44E-11 | 3110 | 8.31E-11 |
| 1990 | 7.19E-12 | 2092 | 9.19E-12 | 2194 | 1.28E-11 | 2296 | 9.09E-12 | 2398 | 6.34E-12 | 2500 | 1.09E-11 | 2602 | 1.09E-11 | 2704 | 3.68E-11 | 2806 | 8.22E-12 | 2908 | 6.47E-11 | 3010 | 5.54E-11 | 3112 | 8.38E-11 |
| 1992 | 1.15E-12 | 2094 | 5.64E-12 | 2196 | 9.28E-12 | 2298 | 7.62E-12 | 2400 | 6.63E-12 | 2502 | 1.25E-11 | 2604 | 1.20E-11 | 2706 | 3.78E-11 | 2808 | 1.05E-11 | 2910 | 6.25E-11 | 3012 | 5.83E-11 | 3114 | 8.22E-11 |
| 1994 | -1.04E-12 | 2096 | 4.26E-12 | 2198 | 8.37E-12 | 2300 | 1.11E-11 | 2402 | 6.63E-12 | 2504 | 1.19E-11 | 2606 | 1.35E-11 | 2708 | 3.70E-11 | 2810 | 1.39E-11 | 2912 | 6.22E-11 | 3014 | 6.09E-11 | 3116 | 8.00E-11 |
| 1996 | -1.18E-12 | 2098 | 7.54E-12 | 2200 | 1.43E-11 | 2302 | 1.17E-11 | 2404 | 4.53E-12 | 2506 | 9.78E-12 | 2608 | 1.20E-11 | 2710 | 3.56E-11 | 2812 | 1.75E-11 | 2914 | 6.35E-11 | 3016 | 6.02E-11 | 3118 | 7.65E-11 |
| 1998 | -1.55E-12 | 2100 | 6.52E-12 | 2202 | 1.71E-11 | 2304 | 9.14E-12 | 2406 | 3.12E-12 | 2508 | 8.96E-12 | 2610 | 1.08E-11 | 2712 | 3.46E-11 | 2814 | 2.11E-11 | 2916 | 6.35E-11 | 3018 | 5.73E-11 | 3120 | 7.24E-11 |
| 2000 | -4.38E-13 | 2102 | 1.29E-11 | 2204 | 1.51E-11 | 2306 | 9.97E-12 | 2408 | 6.54E-12 | 2510 | 9.42E-12 | 2612 | 1.08E-11 | 2714 | 3.40E-11 | 2816 | 2.47E-11 | 2918 | 6.23E-11 | 3020 | 5.23E-11 | 3122 | 7.12E-11 |
| 2002 | -6.45E-12 | 2104 | 6.67E-12 | 2206 | 1.27E-11 | 2308 | 1.13E-11 | 2410 | 6.34E-12 | 2512 | 8.93E-12 | 2614 | 1.15E-11 | 2716 | 3.23E-11 | 2818 | 2.84E-11 | 2920 | 6.02E-11 | 3022 | 5.08E-11 | 3124 | 7.20E-11 |
| 2004 | 4.63E-12 | 2106 | 1.12E-13 | 2208 | 7.52E-12 | 2310 | 1.17E-11 | 2412 | 7.24E-12 | 2514 | 7.46E-12 | 2616 | 1.17E-11 | 2718 | 3.00E-11 | 2820 | 3.10E-11 | 2922 | 5.79E-11 | 3024 | 5.59E-11 | 3126 | 7.42E-11 |
| 2006 | 3.24E-13 | 2108 | 2.06E-13 | 2210 | 5.86E-12 | 2312 | 1.04E-11 | 2414 | 5.80E-12 | 2516 | 5.73E-12 | 2618 | 1.31E-11 | 2720 | 2.72E-11 | 2822 | 3.32E-11 | 2924 | 5.66E-11 | 3026 | 6.20E-11 | 3128 | 7.52E-11 |
| 2008 | -2.34E-12 | 2110 | 1.39E-11 | 2212 | 4.99E-12 | 2314 | 9.74E-12 | 2416 | 6.23E-12 | 2518 | 4.83E-12 | 2620 | 1.41E-11 | 2722 | 2.49E-11 | 2824 | 3.55E-11 | 2926 | 5.47E-11 | 3028 | 6.70E-11 | 3130 | 7.59E-11 |
| 2010 | -4.52E-13 | 2112 | 1.50E-11 | 2214 | 5.23E-12 | 2316 | 8.98E-12 | 2418 | 7.52E-12 | 2520 | 5.27E-12 | 2622 | 1.48E-11 | 2724 | 2.50E-11 | 2826 | 3.70E-11 | 2928 | 5.38E-11 | 3030 | 7.10E-11 | 3132 | 7.61E-11 |
| 2012 | -9.69E-13 | 2114 | 4.72E-12 | 2216 | 9.36E-12 | 2318 | 8.99E-12 | 2420 | 9.69E-12 | 2522 | 4.25E-12 | 2624 | 1.61E-11 | 2726 | 2.66E-11 | 2828 | 3.83E-11 | 2930 | 5.49E-11 | 3032 | 7.19E-11 | 3134 | 7.63E-11 |
| 2014 | 6.73E-12 | 2116 | 8.44E-12 | 2218 | 1.26E-11 | 2320 | 8.42E-12 | 2422 | 1.16E-11 | 2524 | 4.90E-12 | 2626 | 1.61E-11 | 2728 | 2.82E-11 | 2830 | 3.87E-11 | 2932 | 5.79E-11 | 3034 | 7.18E-11 | 3136 | 7.75E-11 |
| 2016 | 4.87E-12 | 2118 | 9.59E-12 | 2220 | 1.23E-11 | 2322 | 1.37E-11 | 2424 | 1.23E-11 | 2526 | 6.20E-12 | 2628 | 1.44E-11 | 2730 | 3.00E-11 | 2832 | 3.96E-11 | 2934 | 5.98E-11 | 3036 | 7.12E-11 | 3138 | 7.88E-11 |
| 2018 | 1.14E-12 | 2120 | 6.19E-12 | 2222 | 1.39E-11 | 2324 | 1.36E-11 | 2426 | 1.34E-11 | 2528 | 5.02E-12 | 2630 | 1.29E-11 | 2732 | 3.18E-11 | 2834 | 4.03E-11 | 2936 | 5.85E-11 | 3038 | 6.93E-11 | 3140 | 7.91E-11 |
| 2020 | 3.36E-12 | 2122 | | 2224 | 1.05E-11 | 2326 | 1.08E-11 | 2428 | 1.35E-11 | 2530 | 4.52E-12 | 2632 | 1.27E-11 | 2734 | 3.16E-11 | 2836 | 4.00E-11 | 2938 | 5.56E-11 | 3040 | 6.77E-11 | 3142 | 7.56E-11 |
| 2022 | 4.53E-12 | 2124 | | 2226 | 7.57E-12 | 2328 | 1.01E-11 | 2430 | 1.28E-11 | 2532 | 5.80E-12 | 2634 | 1.41E-11 | 2736 | 2.89E-11 | 2838 | 3.90E-11 | 2940 | 5.37E-11 | 3042 | 6.77E-11 | 3144 | 7.04E-11 |
| 2024 | -1.95E-12 | 2126 | | 2228 | 9.21E-12 | 2330 | 8.61E-12 | 2432 | 1.26E-11 | 2534 | 6.90E-12 | 2636 | 1.81E-11 | 2738 | 2.53E-11 | 2840 | 3.86E-11 | 2942 | 5.48E-11 | 3044 | 6.96E-11 | 3146 | 6.90E-11 |
| 2026 | -3.35E-12 | 2128 | | 2230 | 1.30E-11 | 2332 | 7.72E-12 | 2434 | 1.27E-11 | 2536 | 6.27E-12 | 2638 | 2.60E-11 | 2740 | 2.19E-11 | 2842 | 3.83E-11 | 2944 | 5.71E-11 | 3046 | 7.17E-11 | 3148 | 7.16E-11 |
| 2028 | 6.32E-12 | 2130 | 1.01E-11 | 2232 | 1.07E-11 | 2334 | 7.98E-12 | 2436 | 1.03E-11 | 2538 | 6.65E-12 | 2640 | 3.32E-11 | 2742 | 1.85E-11 | 2844 | 3.70E-11 | 2946 | 5.70E-11 | 3048 | 7.10E-11 | 3150 | 7.51E-11 |
| 2030 | 7.22E-12 | 2132 | 7.46E-12 | 2234 | 9.50E-12 | 2336 | 6.16E-12 | 2438 | 1.27E-11 | 2540 | 7.10E-12 | 2642 | 3.64E-11 | 2744 | 1.65E-11 | 2846 | | 2948 | 5.51E-11 | 3050 | 6.93E-11 | 3152 | 7.72E-11 |
| 2032 | -2.27E-12 | 2134 | 5.63E-12 | 2236 | 1.01E-11 | 2338 | 6.78E-12 | 2440 | 1.28E-11 | 2542 | 8.02E-12 | 2644 | 3.83E-11 | 2746 | 1.56E-11 | 2848 | | 2950 | 5.44E-11 | 3052 | | 3154 | 7.29E-11 |
| 2034 | 6.97E-12 | 2136 | 7.92E-12 | 2238 | 1.21E-11 | 2340 | 5.71E-12 | 2442 | 1.17E-11 | 2544 | 8.03E-12 | 2646 | 3.95E-11 | 2748 | 1.57E-11 | 2850 | | 2952 | 5.54E-11 | 3054 | | 3156 | 6.84E-11 |
| 2036 | 9.31E-12 | 2138 | 1.04E-11 | 2240 | 1.57E-11 | 2342 | 3.91E-12 | 2444 | 1.31E-11 | 2546 | 7.51E-12 | 2648 | 3.88E-11 | 2750 | 1.62E-11 | 2852 | | 2954 | 5.87E-11 | 3056 | | 3158 | 6.39E-11 |
| 2038 | -1.11E-12 | 2140 | 5.40E-12 | 2242 | 1.60E-11 | 2344 | 6.31E-12 | 2446 | 1.21E-11 | 2548 | 7.56E-12 | 2650 | 3.54E-11 | 2752 | 1.79E-11 | 2854 | 1.56E-11 | 2956 | 6.00E-11 | 3058 | | 3160 | 6.16E-11 |
| 2040 | -5.39E-12 | 2142 | 4.71E-12 | 2244 | 1.37E-11 | 2346 | 5.77E-12 | 2448 | 1.04E-11 | 2550 | 7.42E-12 | 2652 | 3.30E-11 | 2754 | 2.03E-11 | 2856 | 1.83E-11 | 2958 | 6.16E-11 | 3060 | 6.13E-11 | 3162 | 6.48E-11 |
| 2042 | -1.76E-12 | 2144 | 9.40E-12 | 2246 | 1.42E-11 | 2348 | 4.32E-12 | 2450 | 1.00E-11 | 2552 | 8.50E-12 | 2654 | 3.45E-11 | 2756 | 2.16E-11 | 2858 | 2.54E-11 | 2960 | 6.33E-11 | 3062 | 6.31E-11 | 3164 | 7.08E-11 |
| 2044 | -5.64E-13 | 2146 | 1.05E-11 | 2248 | 1.35E-11 | 2350 | 7.38E-12 | 2452 | 9.96E-12 | 2554 | 1.00E-11 | 2656 | 3.75E-11 | 2758 | 2.22E-11 | 2860 | 3.32E-11 | 2962 | 6.33E-11 | 3064 | 6.48E-11 | 3166 | 7.58E-11 |
| 2046 | -1.68E-13 | 2148 | 1.36E-11 | 2250 | 1.06E-11 | 2352 | 6.81E-12 | 2454 | 8.63E-12 | 2556 | 1.18E-11 | 2658 | 3.98E-11 | 2760 | 2.48E-11 | 2862 | 3.93E-11 | 2964 | 6.01E-11 | 3066 | 6.52E-11 | 3168 | 7.94E-11 |
| 2048 | 3.60E-12 | 2150 | 1.08E-11 | 2252 | 9.30E-12 | 2354 | 8.72E-12 | 2456 | 8.21E-12 | 2558 | 1.33E-11 | 2660 | 3.84E-11 | 2762 | 2.91E-11 | 2864 | 4.16E-11 | 2966 | 5.58E-11 | 3068 | 6.35E-11 | 3170 | 8.22E-11 |
| 2050 | -1.13E-13 | 2152 | 1.10E-11 | 2254 | 1.25E-11 | 2356 | 8.25E-12 | 2458 | 7.50E-12 | 2560 | 1.30E-11 | 2662 | 3.67E-11 | 2764 | 3.04E-11 | 2866 | 4.19E-11 | 2968 | 5.30E-11 | 3070 | 6.50E-11 | 3172 | 8.50E-11 |
| 2052 | -1.82E-14 | 2154 | 1.22E-11 | 2256 | 1.60E-11 | 2358 | 8.03E-12 | 2460 | 7.57E-12 | 2562 | 1.44E-11 | 2664 | 3.47E-11 | 2766 | 3.04E-11 | 2868 | 4.16E-11 | 2970 | 5.22E-11 | 3072 | 6.72E-11 | 3174 | 8.61E-11 |
| 2054 | 3.53E-12 | 2156 | 9.06E-12 | 2258 | 1.40E-11 | 2360 | 9.72E-12 | 2462 | 6.98E-12 | 2564 | 1.38E-11 | 2666 | 3.26E-11 | 2768 | 3.15E-11 | 2870 | 4.12E-11 | 2972 | 5.36E-11 | 3074 | 6.73E-11 | 3176 | 8.50E-11 |
| 2056 | 3.15E-12 | 2158 | 1.04E-11 | 2260 | 1.20E-11 | 2362 | 7.63E-12 | 2464 | 6.29E-12 | 2566 | 1.33E-11 | 2668 | 3.32E-11 | 2770 | 3.20E-11 | 2872 | 4.22E-11 | 2974 | 5.62E-11 | 3076 | 6.81E-11 | 3178 | 8.06E-11 |
| 2058 | 1.19E-12 | 2160 | 1.34E-11 | 2262 | 9.18E-12 | 2364 | 4.16E-12 | 2466 | 6.40E-12 | 2568 | 1.52E-11 | 2670 | 3.31E-11 | 2772 | 3.12E-11 | 2874 | 4.41E-11 | 2976 | 6.07E-11 | 3078 | 6.88E-11 | 3180 | 7.25E-11 |
| 2060 | 1.33E-12 | 2162 | 8.34E-12 | 2264 | 6.28E-12 | 2366 | 6.76E-12 | 2468 | 8.38E-12 | 2570 | 1.74E-11 | 2672 | 3.35E-11 | 2774 | 3.08E-11 | 2876 | 4.43E-11 | 2978 | 6.39E-11 | 3080 | 6.99E-11 | 3182 | 6.89E-11 |
| 2062 | -1.16E-12 | 2164 | 4.52E-12 | 2266 | 7.26E-12 | 2368 | 6.05E-12 | 2470 | 8.03E-12 | 2572 | 1.84E-11 | 2674 | 3.45E-11 | 2776 | 3.06E-11 | 2878 | 4.21E-11 | 2980 | 6.30E-11 | 3082 | 7.06E-11 | 3184 | 7.07E-11 |
| 2064 | 1.90E-12 | 2166 | 5.60E-12 | 2268 | 9.67E-12 | 2370 | 4.41E-12 | 2472 | 8.01E-12 | 2574 | 1.96E-11 | 2676 | 3.54E-11 | 2778 | 2.96E-11 | 2880 | 3.78E-11 | 2982 | 5.73E-11 | 3084 | 7.02E-11 | 3186 | 7.51E-11 |
| 2066 | 2.13E-12 | 2168 | 1.22E-12 | 2270 | 7.56E-12 | 2372 | 5.96E-12 | 2474 | 8.15E-12 | 2576 | 1.98E-11 | 2678 | 3.70E-11 | 2780 | 2.65E-11 | 2882 | 3.38E-11 | 2984 | 5.18E-11 | 3086 | 6.91E-11 | 3188 | 8.02E-11 |
| 2068 | -2.34E-13 | 2170 | 4.81E-12 | 2272 | 3.86E-12 | 2374 | 9.31E-12 | 2476 | 9.92E-12 | 2578 | 1.86E-11 | 2680 | 3.61E-11 | 2782 | 2.39E-11 | 2884 | 3.40E-11 | 2986 | 4.87E-11 | 3088 | 6.84E-11 | 3190 | 8.14E-11 |
| 2070 | 1.81E-12 | 2172 | 1.11E-11 | 2274 | 7.98E-12 | 2376 | 9.20E-12 | 2478 | 1.08E-11 | 2580 | 1.78E-11 | 2682 | 3.45E-11 | 2784 | 2.18E-11 | 2886 | 4.01E-11 | 2988 | 5.09E-11 | 3090 | 6.51E-11 | 3192 | 7.95E-11 |
| 2072 | -7.48E-13 | 2174 | 9.29E-12 | 2276 | 9.84E-12 | 2378 | 6.94E-12 | 2480 | 9.76E-12 | 2582 | 1.87E-11 | 2684 | 3.55E-11 | 2786 | 2.00E-11 | 2888 | 4.61E-11 | 2990 | 5.62E-11 | 3092 | 6.05E-11 | 3194 | 7.99E-11 |
| 2074 | 3.83E-12 | 2176 | 8.22E-12 | 2278 | 9.57E-12 | 2380 | 7.23E-12 | 2482 | 7.59E-12 | 2584 | 2.10E-11 | 2686 | 3.66E-11 | 2788 | 1.83E-11 | 2890 | 4.74E-11 | 2992 | 6.04E-11 | 3094 | 5.96E-11 | 3196 | 8.39E-11 |
| 2076 | 9.54E-12 | 2178 | 7.43E-12 | 2280 | 9.21E-12 | 2382 | 6.24E-12 | 2484 | 6.13E-12 | 2586 | 1.96E-11 | 2688 | 3.56E-11 | 2790 | 1.61E-11 | 2892 | 4.73E-11 | 2994 | 6.04E-11 | 3096 | 5.89E-11 | 3198 | 8.67E-11 |


HD 4614 G0 V V=3.44 (B-V)=0.57 E(B-V)=-0.03
LAP: LWP 15018
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

HD 48682 G0 V V=5.25 (B-V)=0.56 E(B-V)=-0.04

LAP: LWP 10011

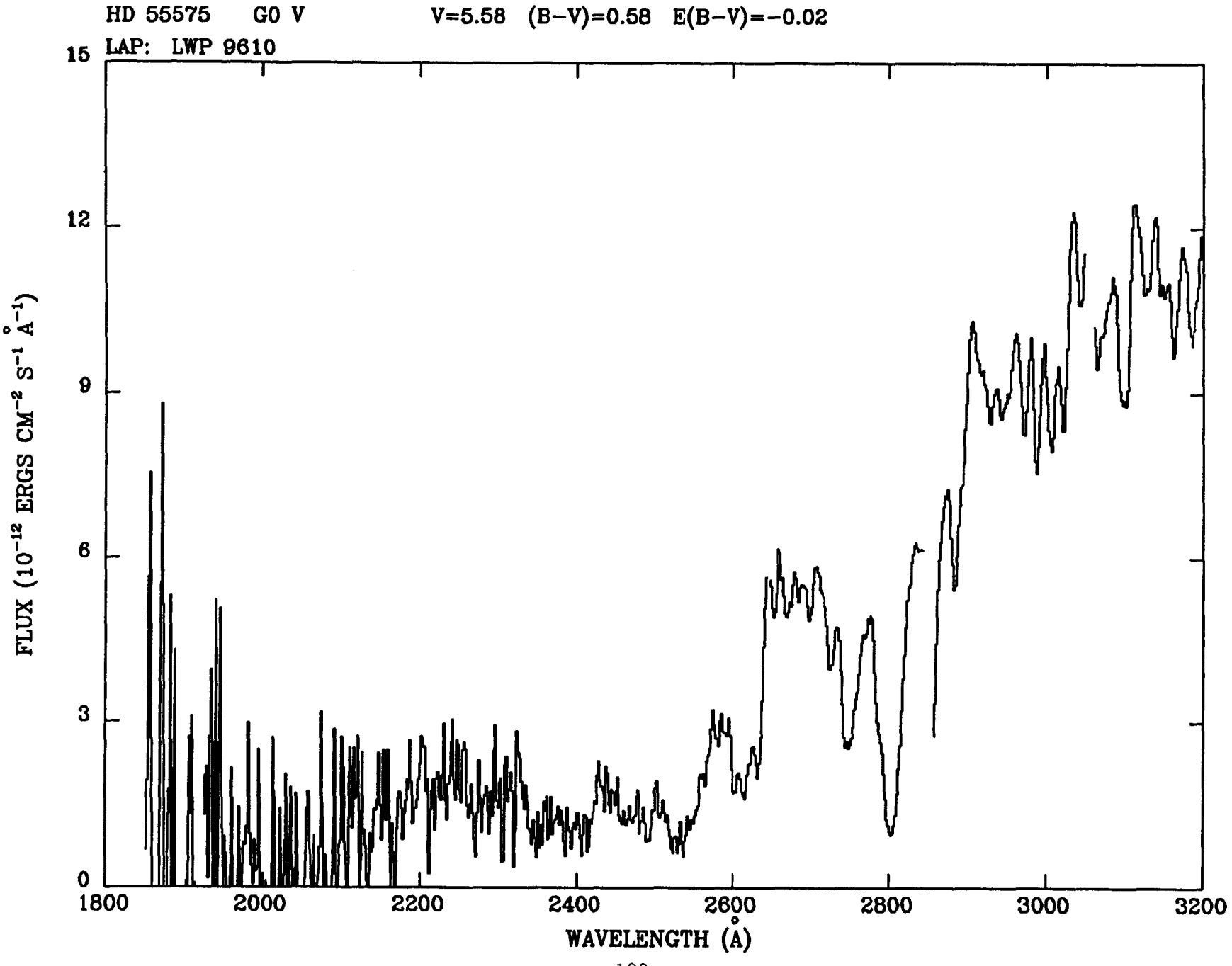
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -6.79E-13 | 2078 | 1.97E-12 | 2180 | 2.16E-12 | 2282 | 2.46E-12 | 2384 | 1.07E-12 | 2486 | 1.57E-12 | 2588 | 2.87E-12 | 2690 | 5.63E-12 | 2792 | 2.77E-12 | 2894 | 9.42E-12 | 2996 | 1.17E-11 | 3098 | 1.15E-11 |
| 1978 | 3.16E-13 | 2080 | 5.42E-13 | 2182 | 1.88E-12 | 2284 | 2.42E-12 | 2386 | 1.20E-12 | 2488 | 1.60E-12 | 2590 | 2.87E-12 | 2692 | 5.50E-12 | 2794 | 2.38E-12 | 2896 | 1.01E-11 | 2998 | 1.12E-11 | 3100 | 1.17E-11 |
| 1980 | 1.45E-12 | 2082 | -6.01E-13 | 2184 | 2.52E-12 | 2286 | 1.67E-12 | 2388 | 1.87E-12 | 2490 | 1.33E-12 | 2592 | 2.63E-12 | 2694 | 5.52E-12 | 2796 | 1.97E-12 | 2898 | 1.12E-11 | 3000 | 1.06E-11 | 3102 | 1.21E-11 |
| 1982 | 3.63E-12 | 2084 | -2.57E-12 | 2186 | 2.78E-12 | 2288 | 1.11E-12 | 2390 | 1.64E-12 | 2492 | 1.26E-12 | 2594 | 2.69E-12 | 2696 | 5.36E-12 | 2798 | 1.68E-12 | 2900 | 1.19E-11 | 3002 | 9.97E-12 | 3104 | 1.28E-11 |
| 1984 | 2.54E-12 | 2086 | -1.68E-12 | 2188 | 3.10E-12 | 2290 | 2.38E-12 | 2392 | 1.55E-12 | 2494 | 1.15E-12 | 2596 | 2.70E-12 | 2698 | 5.19E-12 | 2800 | 1.56E-12 | 2902 | 1.22E-11 | 3004 | 9.66E-12 | 3106 | 1.39E-11 |
| 1986 | 8.24E-13 | 2088 | 6.88E-13 | 2190 | 1.36E-12 | 2292 | 1.56E-12 | 2394 | 1.35E-12 | 2496 | 1.45E-12 | 2598 | 2.52E-12 | 2700 | 5.30E-12 | 2802 | 1.51E-12 | 2904 | 1.27E-11 | 3006 | 9.91E-12 | 3108 | 1.52E-11 |
| 1988 | -9.51E-13 | 2090 | 1.98E-12 | 2192 | 6.11E-13 | 2294 | 3.18E-12 | 2396 | 1.29E-12 | 2498 | 1.80E-12 | 2600 | 2.06E-12 | 2702 | 5.57E-12 | 2804 | 1.67E-12 | 2906 | 1.28E-11 | 3008 | 1.05E-11 | 3110 | 1.61E-11 |
| 1990 | 6.25E-13 | 2092 | 4.57E-12 | 2194 | 1.80E-12 | 2296 | 4.13E-12 | 2398 | 1.28E-12 | 2500 | 1.72E-12 | 2602 | 1.83E-12 | 2704 | 6.23E-12 | 2806 | 1.93E-12 | 2908 | 1.29E-11 | 3010 | 1.12E-11 | 3112 | 1.61E-11 |
| 1992 | 1.51E-12 | 2094 | 8.28E-13 | 2196 | 2.05E-12 | 2298 | 1.84E-12 | 2400 | 1.87E-12 | 2502 | 2.29E-12 | 2604 | 1.98E-12 | 2706 | 6.44E-12 | 2808 | 2.31E-12 | 2910 | 1.29E-11 | 3012 | 1.16E-11 | 3114 | 1.58E-11 |
| 1994 | 2.20E-12 | 2096 | -1.90E-12 | 2198 | 1.27E-12 | 2300 | 1.46E-12 | 2402 | 1.85E-12 | 2504 | 2.22E-12 | 2606 | 2.39E-12 | 2708 | 6.19E-12 | 2810 | 2.93E-12 | 2912 | 1.27E-11 | 3014 | 1.16E-11 | 3116 | 1.54E-11 |
| 1996 | 2.13E-12 | 2098 | 3.16E-13 | 2200 | 1.85E-12 | 2302 | 2.23E-12 | 2404 | 1.41E-12 | 2506 | 1.61E-12 | 2608 | 2.41E-12 | 2710 | 5.98E-12 | 2812 | 3.42E-12 | 2914 | 1.24E-11 | 3016 | 1.15E-11 | 3118 | 1.52E-11 |
| 1998 | -1.01E-12 | 2100 | 1.31E-12 | 2202 | 2.42E-12 | 2304 | 1.42E-12 | 2406 | 1.01E-12 | 2508 | 1.56E-12 | 2610 | 2.01E-12 | 2712 | 5.74E-12 | 2814 | 3.84E-12 | 2916 | 1.21E-11 | 3018 | 1.13E-11 | 3120 | 1.48E-11 |
| 2000 | 1.88E-13 | 2102 | 3.16E-12 | 2204 | 3.11E-12 | 2306 | -4.08E-14 | 2408 | 1.75E-12 | 2510 | 1.85E-12 | 2612 | 1.76E-12 | 2714 | 5.66E-12 | 2816 | 4.48E-12 | 2918 | 1.17E-11 | 3020 | 1.08E-11 | 3122 | 1.42E-11 |
| 2002 | 7.21E-14 | 2104 | 2.32E-12 | 2206 | 3.34E-12 | 2308 | 1.23E-12 | 2410 | 1.80E-12 | 2512 | 1.78E-12 | 2614 | 1.79E-12 | 2716 | 5.61E-12 | 2818 | 5.16E-12 | 2920 | 1.15E-11 | 3022 | 1.06E-11 | 3124 | 1.43E-11 |
| 2004 | 2.92E-13 | 2106 | 4.36E-13 | 2208 | 2.15E-12 | 2310 | 2.69E-12 | 2412 | 1.21E-12 | 2514 | 1.49E-12 | 2616 | 1.96E-12 | 2718 | 5.23E-12 | 2820 | 5.99E-12 | 2922 | 1.13E-11 | 3024 | 1.11E-11 | 3126 | 1.47E-11 |
| 2006 | -7.08E-13 | 2108 | -7.87E-13 | 2210 | 1.61E-12 | 2312 | 1.89E-12 | 2414 | 7.93E-13 | 2516 | 1.60E-12 | 2618 | 2.15E-12 | 2720 | 5.01E-12 | 2822 | 6.81E-12 | 2924 | 1.11E-11 | 3026 | 1.23E-11 | 3128 | 1.47E-11 |
| 2008 | -3.92E-12 | 2110 | 5.84E-13 | 2212 | 3.73E-14 | 2314 | 1.40E-12 | 2416 | 1.25E-12 | 2518 | 1.39E-12 | 2620 | 2.40E-12 | 2722 | 5.08E-12 | 2824 | 7.31E-12 | 2926 | 1.08E-11 | 3028 | 1.32E-11 | 3130 | 1.42E-11 |
| 2010 | -4.15E-13 | 2112 | 2.16E-12 | 2214 | 2.08E-12 | 2316 | 2.01E-12 | 2418 | 1.61E-12 | 2520 | 1.08E-12 | 2622 | 2.53E-12 | 2724 | 4.87E-12 | 2826 | 7.62E-12 | 2928 | 1.05E-11 | 3030 | 1.40E-11 | 3132 | 1.42E-11 |
| 2012 | 8.73E-13 | 2114 | 1.28E-12 | 2216 | 2.20E-12 | 2318 | 2.29E-12 | 2420 | 1.76E-12 | 2522 | 8.33E-13 | 2624 | 2.72E-12 | 2726 | 4.91E-12 | 2828 | 7.89E-12 | 2930 | 1.08E-11 | 3032 | 1.41E-11 | 3134 | 1.47E-11 |
| 2014 | 4.21E-12 | 2116 | 2.83E-12 | 2218 | 1.75E-12 | 2320 | 7.91E-13 | 2422 | 1.87E-12 | 2524 | 7.85E-13 | 2626 | 2.77E-12 | 2728 | 5.06E-12 | 2830 | 7.59E-12 | 2932 | 1.15E-11 | 3034 | 1.42E-11 | 3136 | 1.52E-11 |
| 2016 | 2.83E-12 | 2118 | 2.72E-12 | 2220 | 1.78E-12 | 2322 | 7.78E-13 | 2424 | 1.79E-12 | 2526 | 9.06E-13 | 2628 | 2.57E-12 | 2730 | 5.30E-12 | 2832 | 7.56E-12 | 2934 | 1.19E-11 | 3036 | 1.44E-11 | 3138 | 1.54E-11 |
| 2018 | -1.21E-12 | 2120 | 2.86E-12 | 2222 | 2.50E-12 | 2324 | 3.08E-12 | 2426 | 2.07E-12 | 2528 | 8.70E-13 | 2630 | 2.61E-12 | 2732 | 5.50E-12 | 2834 | 7.78E-12 | 2936 | 1.18E-11 | 3038 | 1.44E-11 | 3140 | 1.52E-11 |
| 2020 | -1.02E-12 | 2122 | 4.40E-12 | 2224 | 2.08E-12 | 2326 | 3.11E-12 | 2428 | 2.28E-12 | 2530 | 8.26E-13 | 2632 | 2.41E-12 | 2734 | 5.39E-12 | 2836 | 7.58E-12 | 2938 | 1.15E-11 | 3040 | 1.39E-11 | 3142 | 1.45E-11 |
| 2022 | 1.46E-12 | 2124 | 5.15E-14 | 2226 | 1.92E-12 | 2328 | 2.81E-12 | 2430 | 1.84E-12 | 2532 | 1.21E-12 | 2634 | 2.75E-12 | 2736 | 5.00E-12 | 2838 | 7.57E-12 | 2940 | 1.11E-11 | 3042 | 1.36E-11 | 3144 | 1.36E-11 |
| 2024 | 7.42E-13 | 2126 | 6.77E-13 | 2228 | 2.63E-12 | 2330 | 1.82E-12 | 2432 | 1.90E-12 | 2534 | 1.43E-12 | 2636 | 3.36E-12 | 2738 | 4.61E-12 | 2840 | 7.69E-12 | 2942 | 1.10E-11 | 3044 | 1.38E-11 | 3146 | 1.35E-11 |
| 2026 | -8.54E-13 | 2128 | 2.56E-12 | 2230 | 2.85E-12 | 2332 | 1.88E-12 | 2434 | 1.60E-12 | 2536 | 9.99E-13 | 2638 | 4.19E-12 | 2740 | 4.02E-12 | 2842 | 7.57E-12 | 2944 | 1.11E-11 | 3046 | 1.41E-11 | 3148 | 1.40E-11 |
| 2028 | 1.02E-13 | 2130 | 1.46E-12 | 2232 | 8.49E-13 | 2334 | 2.02E-12 | 2436 | 1.28E-12 | 2538 | 1.03E-12 | 2640 | 5.08E-12 | 2742 | 3.34E-12 | 2844 | 6.97E-12 | 2946 | 1.08E-11 | 3048 | 1.43E-11 | 3150 | 1.44E-11 |
| 2030 | 3.41E-12 | 2132 | 2.24E-13 | 2234 | 6.17E-13 | 2336 | 2.45E-12 | 2438 | 2.61E-12 | 2540 | 1.12E-12 | 2642 | 5.92E-12 | 2744 | 3.04E-12 | 2846 | | 2948 | 1.08E-11 | 3050 | 1.44E-11 | 3152 | 1.46E-11 |
| 2032 | -6.45E-13 | 2134 | -6.53E-13 | 2236 | 1.87E-12 | 2338 | 1.79E-12 | 2440 | 2.17E-12 | 2542 | 1.18E-12 | 2644 | 6.48E-12 | 2746 | 3.07E-12 | 2848 | | 2950 | 1.07E-11 | 3052 | | 3154 | 1.41E-11 |
| 2034 | -6.42E-14 | 2136 | 3.36E-13 | 2238 | 2.96E-12 | 2340 | 1.12E-12 | 2442 | 1.52E-12 | 2544 | 1.01E-12 | 2646 | | 2748 | 3.00E-12 | 2850 | | 2952 | 1.07E-11 | 3054 | | 3156 | 1.37E-11 |
| 2036 | 1.05E-12 | 2138 | 1.39E-12 | 2240 | 2.86E-12 | 2342 | 7.66E-13 | 2444 | 1.77E-12 | 2546 | 1.03E-12 | 2648 | 5.80E-12 | 2750 | 3.09E-12 | 2852 | | 2954 | 1.09E-11 | 3056 | | 3158 | 1.32E-11 |
| 2038 | 5.82E-13 | 2140 | 1.39E-12 | 2242 | 3.21E-12 | 2344 | 8.26E-13 | 2446 | 2.08E-12 | 2548 | 1.25E-12 | 2650 | 5.54E-12 | 2752 | 3.23E-12 | 2854 | | 2956 | 1.15E-11 | 3058 | | 3160 | 1.27E-11 |
| 2040 | -1.50E-12 | 2142 | 1.64E-12 | 2244 | 1.68E-12 | 2346 | 1.37E-12 | 2448 | 2.02E-12 | 2550 | 1.31E-12 | 2652 | 5.47E-12 | 2754 | 3.56E-12 | 2856 | 4.51E-12 | 2958 | 1.21E-11 | 3060 | 1.22E-11 | 3162 | 1.27E-11 |
| 2042 | 1.86E-12 | 2144 | 2.03E-12 | 2246 | 2.29E-12 | 2348 | 5.00E-13 | 2450 | 1.96E-12 | 2552 | 1.59E-12 | 2654 | 5.55E-12 | 2756 | 3.80E-12 | 2858 | 5.18E-12 | 2960 | 1.25E-11 | 3062 | 1.20E-11 | 3164 | 1.33E-11 |
| 2044 | 2.67E-12 | 2146 | 2.61E-12 | 2248 | 3.00E-12 | 2350 | 1.12E-12 | 2452 | 2.19E-12 | 2554 | 1.85E-12 | 2656 | 5.72E-12 | 2758 | 4.09E-12 | 2860 | 6.49E-12 | 2962 | 1.25E-11 | 3064 | 1.20E-11 | 3166 | 1.41E-11 |
| 2046 | -7.04E-13 | 2148 | 3.49E-12 | 2250 | 2.09E-12 | 2352 | 1.04E-12 | 2454 | 1.68E-12 | 2556 | 1.92E-12 | 2658 | 6.28E-12 | 2760 | 4.24E-12 | 2862 | 7.57E-12 | 2964 | 1.21E-11 | 3066 | 1.25E-11 | 3168 | 1.47E-11 |
| 2048 | -1.75E-12 | 2150 | 2.05E-12 | 2252 | 1.65E-12 | 2354 | 1.67E-12 | 2456 | 1.20E-12 | 2558 | 2.20E-12 | 2660 | 6.54E-12 | 2762 | 4.64E-12 | 2864 | 8.24E-12 | 2966 | 1.15E-11 | 3068 | 1.33E-11 | 3170 | 1.53E-11 |
| 2050 | -1.59E-12 | 2152 | 1.49E-12 | 2254 | 3.06E-12 | 2356 | 1.37E-12 | 2458 | 1.32E-12 | 2560 | 2.24E-12 | 2662 | 6.39E-12 | 2764 | 5.11E-12 | 2866 | 8.47E-12 | 2968 | 1.09E-11 | 3070 | 1.35E-11 | 3172 | 1.60E-11 |
| 2052 | -4.02E-13 | 2154 | 3.21E-12 | 2256 | 2.97E-12 | 2358 | 1.81E-12 | 2460 | 1.34E-12 | 2562 | 2.04E-12 | 2664 | 6.31E-12 | 2766 | 5.43E-12 | 2868 | 8.41E-12 | 2970 | 1.05E-11 | 3072 | 1.41E-11 | 3174 | 1.62E-11 |
| 2054 | 1.59E-12 | 2156 | 2.07E-12 | 2258 | 2.74E-12 | 2360 | 1.42E-12 | 2462 | 1.05E-12 | 2564 | 1.85E-12 | 2666 | 5.69E-12 | 2768 | 5.47E-12 | 2870 | 8.55E-12 | 2972 | 1.05E-11 | 3074 | 1.47E-11 | 3176 | 1.55E-11 |
| 2056 | 2.21E-12 | 2158 | 2.25E-12 | 2260 | 1.53E-12 | 2362 | 1.28E-12 | 2464 | 1.23E-12 | 2566 | 1.96E-12 | 2668 | 5.30E-12 | 2770 | 5.38E-12 | 2872 | 8.95E-12 | 2974 | 1.12E-11 | 3076 | 1.45E-11 | 3178 | 1.46E-11 |
| 2058 | 3.22E-12 | 2160 | 3.30E-12 | 2262 | 1.60E-12 | 2364 | 6.46E-13 | 2466 | 1.44E-12 | 2568 | 2.25E-12 | 2670 | 5.29E-12 | 2772 | 5.58E-12 | 2874 | 9.09E-12 | 2976 | 1.21E-11 | 3078 | 1.44E-11 | 3180 | 1.40E-11 |
| 2060 | 1.73E-12 | 2162 | 1.83E-12 | 2264 | 2.26E-12 | 2366 | 8.68E-13 | 2468 | 1.31E-12 | 2570 | 2.49E-12 | 2672 | 5.57E-12 | 2774 | 5.95E-12 | 2876 | 8.81E-12 | 2978 | 1.27E-11 | 3080 | 1.46E-11 | 3182 | 1.37E-11 |
| 2062 | -1.60E-13 | 2164 | 1.29E-12 | 2266 | 2.38E-12 | 2368 | 1.28E-12 | 2470 | 1.32E-12 | 2572 | 2.81E-12 | 2674 | 5.78E-12 | 2776 | 6.06E-12 | 2878 | 8.21E-12 | 2980 | 1.25E-11 | 3082 | 1.49E-11 | 3184 | 1.36E-11 |
| 2064 | -2.39E-14 | 2166 | 1.59E-12 | 2268 | 9.89E-13 | 2370 | 1.22E-12 | 2472 | 1.51E-12 | 2574 | 3.01E-12 | 2676 | 5.57E-12 | 2778 | 5.66E-12 | 2880 | 7.51E-12 | 2982 | 1.15E-11 | 3084 | 1.48E-11 | 3186 | 1.39E-11 |
| 2066 | 8.30E-13 | 2168 | 4.67E-13 | 2270 | 6.60E-13 | 2372 | 1.16E-12 | 2474 | 1.29E-12 | 2576 | 2.71E-12 | 2678 | 5.52E-12 | 2780 | 4.91E-12 | 2882 | 7.22E-12 | 2984 | 1.05E-11 | 3086 | 1.43E-11 | 3188 | 1.49E-11 |
| 2068 | -1.33E-12 | 2170 | 1.40E-12 | 2272 | 1.84E-12 | 2374 | 1.27E-12 | 2476 | 1.31E-12 | 2578 | 2.71E-12 | 2680 | 5.70E-12 | 2782 | 4.48E-12 | 2884 | 7.33E-12 | 2986 | 9.88E-12 | 3088 | 1.35E-11 | 3190 | 1.54E-11 |
| 2070 | 3.29E-14 | 2172 | 1.52E-12 | 2274 | 3.17E-12 | 2376 | 1.36E-12 | 2478 | 1.86E-12 | 2580 | 3.15E-12 | 2682 | 5.77E-12 | 2784 | 4.19E-12 | 2886 | 8.07E-12 | 2988 | 1.00E-11 | 3090 | 1.28E-11 | 3192 | 1.50E-11 |
| 2072 | 6.33E-13 | 2174 | 1.88E-12 | 2276 | 2.53E-12 | 2378 | 1.46E-12 | 2480 | 1.52E-12 | 2582 | 2.95E-12 | 2684 | 5.47E-12 | 2786 | 3.87E-12 | 2888 | 9.03E-12 | 2990 | 1.05E-11 | 3092 | 1.21E-11 | 3194 | 1.48E-11 |
| 2074 | 2.17E-12 | 2176 | 1.58E-12 | 2278 | 6.84E-13 | 2380 | 1.52E-12 | 2482 | 1.24E-12 | 2584 | 3.13E-12 | 2686 | 5.54E-12 | 2788 | 3.52E-12 | 2890 | 9.23E-12 | 2992 | 1.10E-11 | 3094 | 1.21E-11 | 3196 | 1.52E-11 |
| 2076 | 3.45E-12 | 2178 | 1.29E-12 | 2280 | 1.35E-12 | 2382 | 7.84E-13 | 2484 | 1.38E-12 | 2586 | 3.09E-12 | 2688 | 5.76E-12 | 2790 | 3.17E-12 | 2892 | 9.26E-12 | 2994 | 1.15E-11 | 3096 | 1.18E-11 | 3198 | 1.59E-11 |


HD 48682 G0 V V=5.25 (B-V)=0.56 E(B-V)=-0.04
LAP: LWP 10011
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200

HD 55575 G0 V V=5.58 (B-V)=0.58 E(B-V)=-0.02

LAP: LWP 9610

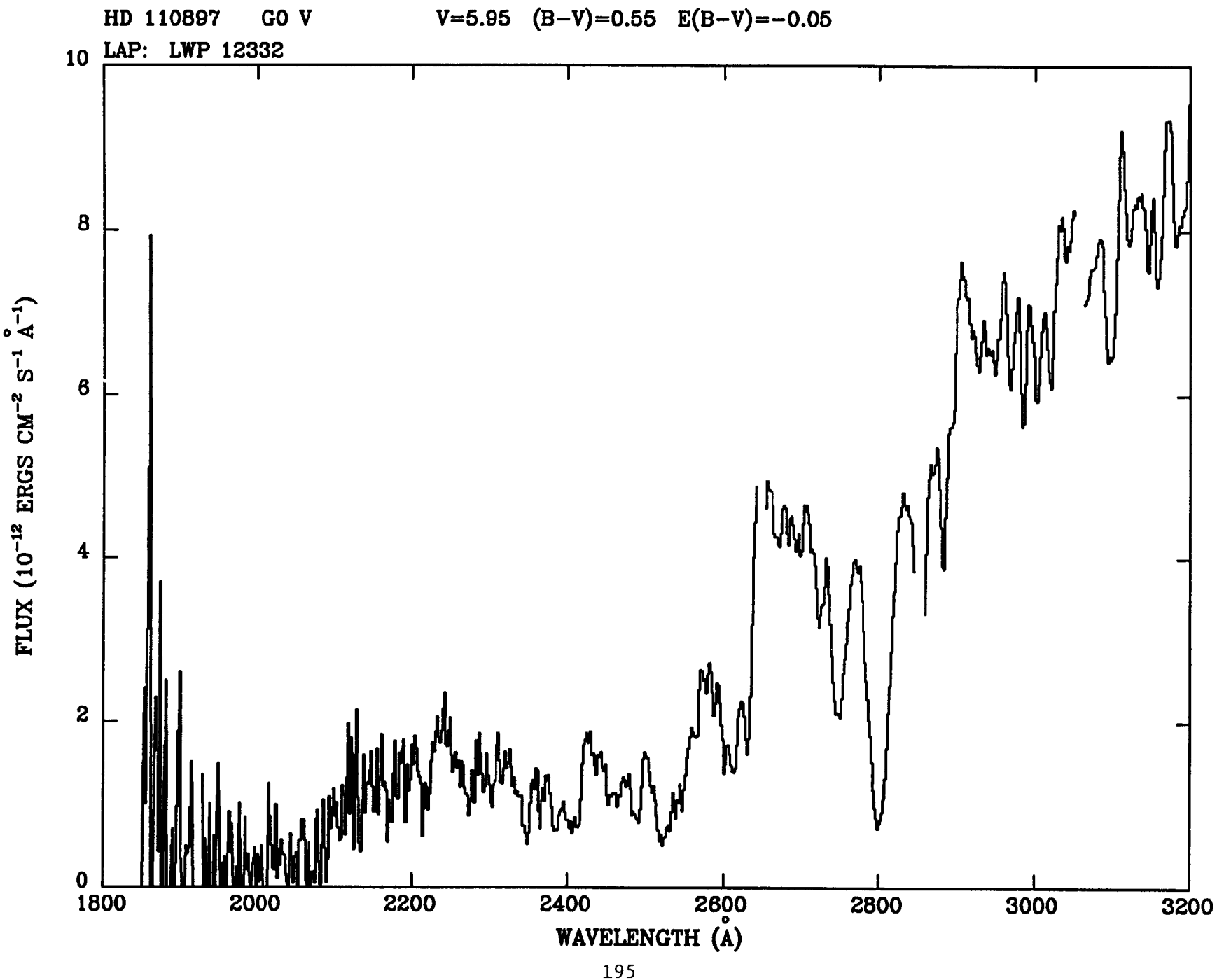
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 6.53E-13 | 2078 | 5.55E-13 | 2180 | 1.35E-12 | 2282 | 1.61E-12 | 2384 | 7.90E-13 | 2486 | 1.37E-12 | 2588 | 2.82E-12 | 2690 | 5.51E-12 | 2792 | 2.29E-12 | 2894 | 7.35E-12 | 2996 | 9.78E-12 | 3098 | 8.80E-12 |
| 1978 | 7.84E-13 | 2080 | 1.40E-13 | 2182 | 1.63E-12 | 2284 | 1.77E-12 | 2386 | 7.92E-13 | 2488 | 1.24E-12 | 2590 | 2.79E-12 | 2692 | 5.48E-12 | 2794 | 1.86E-12 | 2896 | 7.76E-12 | 2998 | 9.58E-12 | 3100 | 8.86E-12 |
| 1980 | 9.92E-13 | 2082 | 1.14E-13 | 2184 | 1.91E-12 | 2286 | 1.49E-12 | 2388 | 1.33E-12 | 2490 | 8.82E-13 | 2592 | 2.78E-12 | 2694 | 5.45E-12 | 2796 | 1.40E-12 | 2898 | 8.40E-12 | 3000 | 9.00E-12 | 3102 | 8.85E-12 |
| 1982 | 2.51E-12 | 2084 | -1.04E-12 | 2186 | 2.00E-12 | 2288 | 1.05E-12 | 2390 | 1.06E-12 | 2492 | 8.66E-13 | 2594 | 2.93E-12 | 2696 | 5.13E-12 | 2798 | 1.17E-12 | 2900 | 8.91E-12 | 3002 | 8.49E-12 | 3104 | 9.31E-12 |
| 1984 | 1.26E-12 | 2086 | -6.55E-13 | 2188 | 2.40E-12 | 2290 | 1.62E-12 | 2392 | 8.71E-13 | 2494 | 8.66E-13 | 2596 | 2.89E-12 | 2698 | 4.89E-12 | 2800 | 1.05E-12 | 2902 | 9.54E-12 | 3004 | 8.15E-12 | 3106 | 1.03E-11 |
| 1986 | 4.45E-13 | 2088 | -2.63E-13 | 2190 | 1.60E-12 | 2292 | 1.32E-12 | 2394 | 8.96E-13 | 2496 | 1.11E-12 | 2598 | 2.38E-12 | 2700 | 5.00E-12 | 2802 | 9.69E-13 | 2904 | 1.01E-11 | 3006 | 7.98E-12 | 3108 | 1.14E-11 |
| 1988 | 1.17E-13 | 2090 | 7.14E-13 | 2192 | 1.27E-12 | 2294 | 2.49E-12 | 2396 | 1.14E-12 | 2498 | 1.40E-12 | 2600 | 1.87E-12 | 2702 | 5.22E-12 | 2804 | 9.81E-13 | 2906 | 1.03E-11 | 3008 | 8.19E-12 | 3110 | 1.22E-11 |
| 1990 | 7.98E-13 | 2092 | 2.76E-12 | 2194 | 1.43E-12 | 2296 | 2.80E-12 | 2398 | 1.09E-12 | 2500 | 1.49E-12 | 2602 | 1.74E-12 | 2704 | 5.65E-12 | 2806 | 1.11E-12 | 2908 | 1.02E-11 | 3010 | 8.95E-12 | 3112 | 1.24E-11 |
| 1992 | 2.99E-13 | 2094 | 1.29E-13 | 2196 | 1.52E-12 | 2298 | 1.55E-12 | 2400 | 1.26E-12 | 2502 | 1.84E-12 | 2604 | 1.74E-12 | 2706 | 5.84E-12 | 2808 | 1.29E-12 | 2910 | 9.94E-12 | 3012 | 9.20E-12 | 3114 | 1.23E-11 |
| 1994 | 8.92E-13 | 2096 | -1.61E-12 | 2198 | 1.82E-12 | 2300 | 1.55E-12 | 2402 | 1.20E-12 | 2504 | 1.72E-12 | 2606 | 2.00E-12 | 2708 | 5.81E-12 | 2810 | 1.70E-12 | 2912 | 9.68E-12 | 3014 | 9.30E-12 | 3116 | 1.21E-11 |
| 1996 | 1.48E-12 | 2098 | 7.87E-13 | 2200 | 2.16E-12 | 2302 | 1.93E-12 | 2404 | 9.18E-13 | 2506 | 1.30E-12 | 2608 | 2.07E-12 | 2710 | 5.71E-12 | 2812 | 2.20E-12 | 2914 | 9.58E-12 | 3016 | 9.42E-12 | 3118 | 1.19E-11 |
| 1998 | -6.16E-13 | 2100 | 1.32E-12 | 2202 | 2.63E-12 | 2304 | 1.45E-12 | 2406 | 6.04E-13 | 2508 | 1.30E-12 | 2610 | 1.96E-12 | 2712 | 5.53E-12 | 2814 | 2.67E-12 | 2916 | 9.45E-12 | 3018 | 9.07E-12 | 3120 | 1.16E-11 |
| 2000 | -6.58E-14 | 2102 | 2.53E-12 | 2204 | 2.58E-12 | 2306 | 4.71E-13 | 2408 | 9.54E-13 | 2510 | 1.47E-12 | 2612 | 1.72E-12 | 2714 | 5.39E-12 | 2816 | 3.35E-12 | 2918 | 9.35E-12 | 3020 | 8.65E-12 | 3122 | 1.12E-11 |
| 2002 | -8.74E-13 | 2104 | 1.62E-12 | 2206 | 2.54E-12 | 2308 | 1.35E-12 | 2410 | 1.31E-12 | 2512 | 1.44E-12 | 2614 | 1.65E-12 | 2716 | 5.32E-12 | 2818 | 3.92E-12 | 2920 | 9.41E-12 | 3022 | 8.33E-12 | 3124 | 1.08E-11 |
| 2004 | 2.55E-15 | 2106 | 3.27E-13 | 2208 | 1.75E-12 | 2310 | 2.30E-12 | 2412 | 1.18E-12 | 2514 | 1.25E-12 | 2616 | 1.65E-12 | 2718 | 5.16E-12 | 2820 | 4.41E-12 | 2922 | 9.20E-12 | 3024 | 8.69E-12 | 3126 | 1.08E-11 |
| 2006 | -6.04E-14 | 2108 | -2.26E-13 | 2210 | 1.79E-12 | 2312 | 1.84E-12 | 2414 | 6.72E-13 | 2516 | 1.27E-12 | 2618 | 1.85E-12 | 2720 | 4.84E-12 | 2822 | 4.97E-12 | 2924 | 9.07E-12 | 3026 | 9.51E-12 | 3128 | 1.09E-11 |
| 2008 | -1.98E-12 | 2110 | 1.43E-12 | 2212 | 4.22E-13 | 2314 | 1.70E-12 | 2416 | 8.84E-13 | 2518 | 1.10E-12 | 2620 | 2.12E-12 | 2722 | 4.46E-12 | 2824 | 5.36E-12 | 2926 | 8.75E-12 | 3028 | 1.03E-11 | 3130 | 1.09E-11 |
| 2010 | -7.18E-13 | 2112 | 2.31E-12 | 2214 | 1.49E-12 | 2316 | 2.01E-12 | 2418 | 1.21E-12 | 2520 | 9.35E-13 | 2622 | 2.24E-12 | 2724 | 4.01E-12 | 2826 | 5.51E-12 | 2928 | 8.49E-12 | 3030 | 1.13E-11 | 3132 | 1.10E-11 |
| 2012 | 6.73E-15 | 2114 | 1.35E-12 | 2216 | 1.81E-12 | 2318 | 1.79E-12 | 2420 | 1.25E-12 | 2522 | 7.12E-13 | 2624 | 2.41E-12 | 2726 | 3.99E-12 | 2828 | 5.79E-12 | 2930 | 8.54E-12 | 3032 | 1.20E-11 | 3134 | 1.14E-11 |
| 2014 | 2.47E-12 | 2116 | 2.23E-12 | 2218 | 1.63E-12 | 2320 | 5.11E-13 | 2422 | 1.46E-12 | 2524 | 6.34E-13 | 2626 | 2.55E-12 | 2728 | 4.10E-12 | 2830 | 6.04E-12 | 2932 | 8.84E-12 | 3034 | 1.23E-11 | 3136 | 1.19E-11 |
| 2016 | 6.45E-13 | 2118 | 1.74E-12 | 2220 | 1.45E-12 | 2322 | 1.07E-12 | 2424 | 1.53E-12 | 2526 | 9.03E-13 | 2628 | 2.45E-12 | 2730 | 4.43E-12 | 2832 | 6.21E-12 | 2934 | 9.02E-12 | 3036 | 1.22E-11 | 3138 | 1.22E-11 |
| 2018 | -1.57E-12 | 2120 | 1.81E-12 | 2222 | 2.02E-12 | 2324 | 2.79E-12 | 2426 | 1.82E-12 | 2528 | 8.63E-13 | 2630 | 2.27E-12 | 2732 | 4.71E-12 | 2834 | 6.29E-12 | 2936 | 9.09E-12 | 3038 | 1.16E-11 | 3140 | 1.21E-11 |
| 2020 | -1.18E-12 | 2122 | 2.59E-12 | 2224 | 1.83E-12 | 2326 | 2.43E-12 | 2428 | 2.20E-12 | 2530 | 6.63E-13 | 2632 | 2.03E-12 | 2734 | 4.74E-12 | 2836 | 6.21E-12 | 2938 | 9.01E-12 | 3040 | 1.10E-11 | 3142 | 1.16E-11 |
| 2022 | 6.31E-13 | 2124 | -2.47E-15 | 2226 | 1.59E-12 | 2328 | 2.23E-12 | 2430 | 2.02E-12 | 2532 | 9.20E-13 | 2634 | 2.22E-12 | 2736 | 4.62E-12 | 2838 | 6.15E-12 | 2940 | 8.75E-12 | 3042 | 1.06E-11 | 3144 | 1.10E-11 |
| 2024 | 4.32E-13 | 2126 | 9.31E-13 | 2228 | 1.89E-12 | 2330 | 1.82E-12 | 2432 | 1.86E-12 | 2534 | 1.03E-12 | 2636 | 2.67E-12 | 2738 | 4.22E-12 | 2840 | 6.17E-12 | 2942 | 8.57E-12 | 3044 | 1.06E-11 | 3146 | 1.09E-11 |
| 2026 | -3.47E-13 | 2128 | 2.09E-12 | 2230 | 2.73E-12 | 2332 | 1.53E-12 | 2434 | 1.77E-12 | 2536 | 6.90E-13 | 2638 | 3.41E-12 | 2740 | 3.60E-12 | 2842 | 6.17E-12 | 2944 | 8.63E-12 | 3046 | 1.09E-11 | 3148 | 1.10E-11 |
| 2028 | 5.29E-13 | 2130 | 9.51E-13 | 2232 | 1.78E-12 | 2334 | 1.61E-12 | 2436 | 1.40E-12 | 2538 | 7.12E-13 | 2640 | 4.46E-12 | 2742 | 2.94E-12 | 2844 | 6.16E-12 | 2946 | 8.73E-12 | 3048 | 1.14E-11 | 3150 | 1.08E-11 |
| 2030 | 1.80E-12 | 2132 | 5.25E-13 | 2234 | 1.26E-12 | 2336 | 1.69E-12 | 2438 | 2.19E-12 | 2540 | 9.01E-13 | 2642 | 5.18E-12 | 2744 | 2.61E-12 | 2846 | | 2948 | 8.82E-12 | 3050 | 1.15E-11 | 3152 | 1.09E-11 |
| 2032 | -1.66E-12 | 2134 | -8.73E-14 | 2236 | 1.84E-12 | 2338 | 1.28E-12 | 2440 | 1.98E-12 | 2542 | 1.17E-12 | 2644 | 5.66E-12 | 2746 | 2.63E-12 | 2848 | | 2950 | 8.98E-12 | 3052 | | 3154 | 1.10E-11 |
| 2034 | -3.70E-13 | 2136 | 3.22E-13 | 2238 | 2.07E-12 | 2340 | 1.02E-12 | 2442 | 1.47E-12 | 2544 | 1.13E-12 | 2646 | | 2748 | 2.55E-12 | 2850 | | 2952 | 8.94E-12 | 3054 | | 3156 | 1.10E-11 |
| 2036 | 1.74E-12 | 2138 | 7.85E-13 | 2240 | 2.70E-12 | 2342 | 8.58E-13 | 2444 | 1.46E-12 | 2546 | 1.05E-12 | 2648 | 5.57E-12 | 2750 | 2.58E-12 | 2852 | | 2954 | 9.08E-12 | 3056 | | 3158 | 1.06E-11 |
| 2038 | 1.24E-13 | 2140 | 6.74E-13 | 2242 | 2.76E-12 | 2344 | 1.11E-12 | 2446 | 1.76E-12 | 2548 | 1.20E-12 | 2650 | 5.32E-12 | 2752 | 2.72E-12 | 2854 | | 2956 | 9.49E-12 | 3058 | | 3160 | 9.95E-12 |
| 2040 | -1.04E-12 | 2142 | 1.20E-12 | 2244 | 1.83E-12 | 2346 | 9.53E-13 | 2448 | 1.63E-12 | 2550 | 1.17E-12 | 2652 | 5.02E-12 | 2754 | 2.94E-12 | 2856 | 2.76E-12 | 2958 | 9.82E-12 | 3060 | 1.02E-11 | 3162 | 9.69E-12 |
| 2042 | 6.70E-13 | 2144 | 1.41E-12 | 2246 | 1.96E-12 | 2348 | 5.95E-13 | 2450 | 1.61E-12 | 2552 | 1.30E-12 | 2654 | 4.99E-12 | 2756 | 3.27E-12 | 2858 | 3.15E-12 | 2960 | 1.00E-11 | 3062 | 9.93E-12 | 3164 | 9.93E-12 |
| 2044 | 1.05E-12 | 2146 | 1.56E-12 | 2248 | 2.63E-12 | 2350 | 1.32E-12 | 2452 | 1.88E-12 | 2554 | 1.41E-12 | 2656 | 5.24E-12 | 2758 | 3.45E-12 | 2860 | 4.17E-12 | 2962 | 1.00E-11 | 3064 | 9.52E-12 | 3166 | 1.04E-11 |
| 2046 | -3.55E-13 | 2148 | 2.34E-12 | 2250 | 2.18E-12 | 2352 | 7.32E-13 | 2454 | 1.58E-12 | 2556 | 1.56E-12 | 2658 | 5.93E-12 | 2760 | 3.65E-12 | 2862 | 5.23E-12 | 2964 | 9.80E-12 | 3066 | 9.66E-12 | 3168 | 1.08E-11 |
| 2048 | -4.29E-13 | 2150 | 1.49E-12 | 2252 | 1.64E-12 | 2354 | 1.07E-12 | 2456 | 1.24E-12 | 2558 | 2.02E-12 | 2660 | 6.13E-12 | 2762 | 4.01E-12 | 2864 | 5.90E-12 | 2966 | 9.43E-12 | 3068 | 1.00E-11 | 3170 | 1.13E-11 |
| 2050 | -8.92E-13 | 2152 | 1.02E-12 | 2254 | 2.11E-12 | 2356 | 9.22E-13 | 2458 | 1.17E-12 | 2560 | 2.03E-12 | 2662 | 5.68E-12 | 2764 | 4.33E-12 | 2866 | 6.29E-12 | 2968 | 8.98E-12 | 3070 | 1.01E-11 | 3172 | 1.16E-11 |
| 2052 | -9.96E-13 | 2154 | 2.34E-12 | 2256 | 2.57E-12 | 2358 | 1.51E-12 | 2460 | 1.34E-12 | 2562 | 2.00E-12 | 2664 | 5.65E-12 | 2766 | 4.53E-12 | 2868 | 6.71E-12 | 2970 | 8.48E-12 | 3072 | 1.01E-11 | 3174 | 1.15E-11 |
| 2054 | 7.77E-14 | 2156 | 1.45E-12 | 2258 | 2.53E-12 | 2360 | 1.48E-12 | 2462 | 1.19E-12 | 2564 | 1.97E-12 | 2666 | 5.32E-12 | 2768 | 4.59E-12 | 2870 | 6.99E-12 | 2972 | 8.27E-12 | 3074 | 1.02E-11 | 3176 | 1.14E-11 |
| 2056 | 1.19E-12 | 2158 | 1.59E-12 | 2260 | 1.68E-12 | 2362 | 1.33E-12 | 2464 | 1.13E-12 | 2566 | 2.08E-12 | 2668 | 4.99E-12 | 2770 | 4.61E-12 | 2872 | 7.15E-12 | 2974 | 8.58E-12 | 3076 | 1.04E-11 | 3178 | 1.13E-11 |
| 2058 | 1.65E-12 | 2160 | 2.17E-12 | 2262 | 1.30E-12 | 2364 | 1.02E-12 | 2466 | 1.25E-12 | 2568 | 2.36E-12 | 2670 | 4.95E-12 | 2772 | 4.81E-12 | 2874 | 7.15E-12 | 2976 | 9.06E-12 | 3078 | 1.06E-11 | 3180 | 1.06E-11 |
| 2060 | 9.44E-13 | 2162 | 8.59E-13 | 2264 | 1.50E-12 | 2366 | 1.44E-12 | 2468 | 1.45E-12 | 2570 | 2.48E-12 | 2672 | 5.06E-12 | 2774 | 4.84E-12 | 2876 | 7.20E-12 | 2978 | 9.55E-12 | 3080 | 1.07E-11 | 3182 | 1.02E-11 |
| 2062 | -2.44E-13 | 2164 | 5.67E-13 | 2266 | 1.83E-12 | 2368 | 1.23E-12 | 2470 | 1.22E-12 | 2572 | 2.77E-12 | 2674 | 5.19E-12 | 2776 | 4.93E-12 | 2878 | 6.80E-12 | 2980 | 9.99E-12 | 3082 | 1.08E-11 | 3184 | 1.00E-11 |
| 2064 | -1.57E-14 | 2166 | 8.71E-13 | 2268 | 1.26E-12 | 2370 | 1.10E-12 | 2472 | 1.20E-12 | 2574 | 3.14E-12 | 2676 | 5.27E-12 | 2778 | 4.90E-12 | 2880 | 6.17E-12 | 2982 | 9.61E-12 | 3084 | 1.10E-11 | 3186 | 9.91E-12 |
| 2066 | 7.19E-13 | 2168 | 1.11E-13 | 2270 | 8.02E-13 | 2372 | 1.21E-12 | 2474 | 1.29E-12 | 2576 | 2.98E-12 | 2678 | 5.61E-12 | 2780 | 4.53E-12 | 2882 | 5.65E-12 | 2984 | 8.63E-12 | 3086 | 1.10E-11 | 3188 | 1.03E-11 |
| 2068 | -1.06E-12 | 2170 | 8.39E-13 | 2272 | 7.53E-13 | 2374 | 1.29E-12 | 2476 | 1.42E-12 | 2578 | 2.72E-12 | 2680 | 5.71E-12 | 2782 | 3.88E-12 | 2884 | 5.49E-12 | 2986 | 7.75E-12 | 3088 | 1.09E-11 | 3190 | 1.06E-11 |
| 2070 | -1.93E-13 | 2172 | 1.54E-12 | 2274 | 1.68E-12 | 2376 | 1.43E-12 | 2478 | 1.70E-12 | 2580 | 2.70E-12 | 2682 | 5.46E-12 | 2784 | 3.31E-12 | 2886 | 5.86E-12 | 2988 | 7.69E-12 | 3090 | 1.04E-11 | 3192 | 1.08E-11 |
| 2072 | 4.26E-13 | 2174 | 1.71E-12 | 2276 | 2.02E-12 | 2378 | 1.14E-12 | 2480 | 1.37E-12 | 2582 | 2.61E-12 | 2684 | 5.25E-12 | 2786 | 2.95E-12 | 2888 | 6.48E-12 | 2990 | 8.22E-12 | 3092 | 9.57E-12 | 3194 | 1.11E-11 |
| 2074 | 1.59E-12 | 2176 | 1.48E-12 | 2278 | 1.33E-12 | 2380 | 1.37E-12 | 2482 | 1.10E-12 | 2584 | 3.05E-12 | 2686 | 5.38E-12 | 2788 | 2.74E-12 | 2890 | 6.90E-12 | 2992 | 8.81E-12 | 3094 | 9.10E-12 | 3196 | 1.16E-11 |
| 2076 | 2.43E-12 | 2178 | 8.94E-13 | 2280 | 1.28E-12 | 2382 | 1.15E-12 | 2484 | 1.20E-12 | 2586 | 3.07E-12 | 2688 | 5.51E-12 | 2790 | 2.56E-12 | 2892 | 7.25E-12 | 2994 | 9.39E-12 | 3096 | 8.89E-12 | 3198 | 1.17E-11 |


HD 55575 G0 V V=5.58 (B-V)=0.58 E(B-V)=-0.02
LAP: LWP 9610
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

**HD 110897 G0 V V=5.95 (B-V)=0.55 E(B-V)=-0.05**

**LAP: LWP 12332**

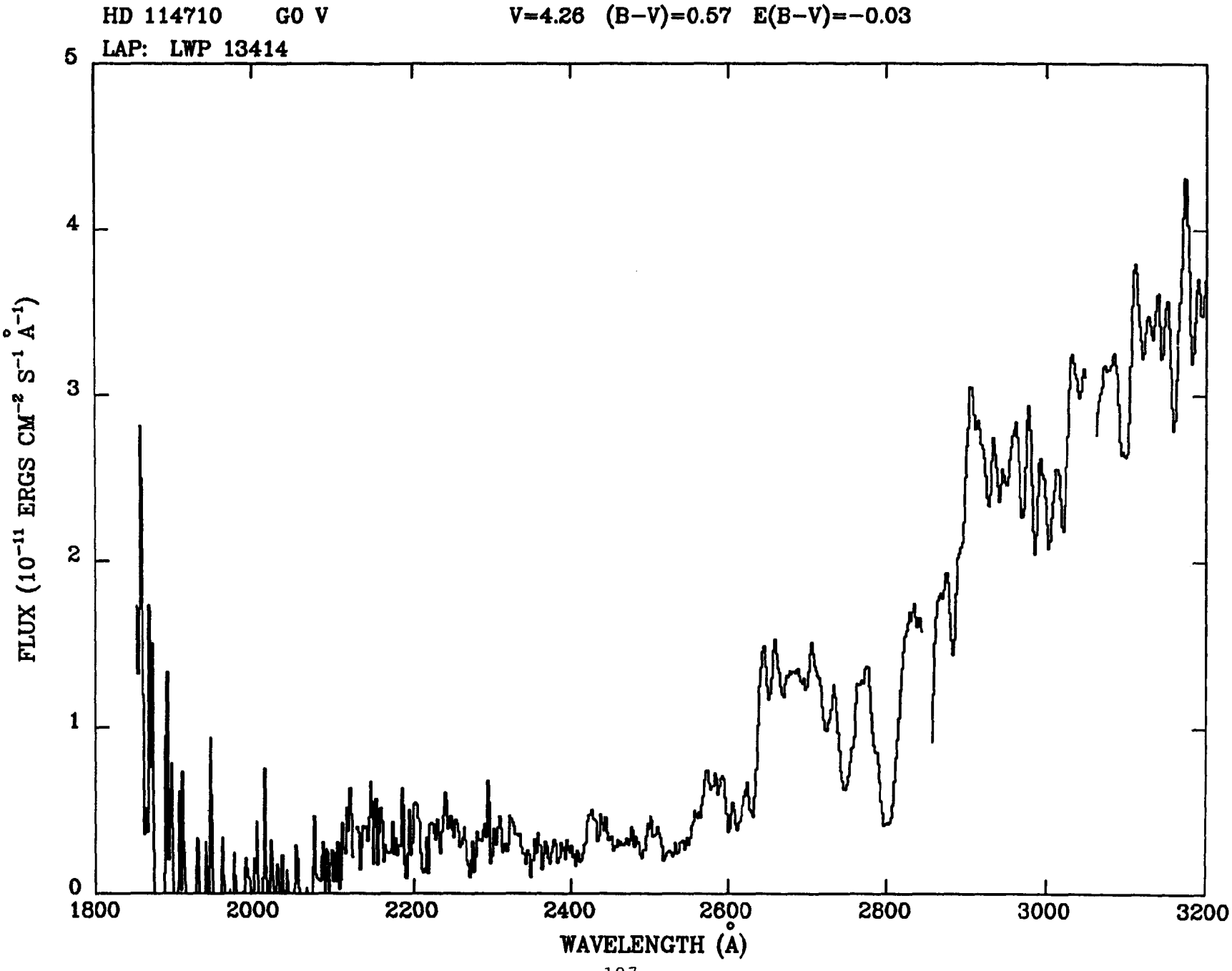
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.49E-13 | 2078 | 8.75E-13 | 2180 | 1.10E-12 | 2282 | 1.48E-12 | 2384 | 6.86E-13 | 2486 | 8.94E-13 | 2588 | 2.12E-12 | 2690 | 4.27E-12 | 2792 | 1.38E-12 | 2894 | 5.67E-12 | 2996 | 6.76E-12 | 3098 | 6.44E-12 |
| 1978 | 7.32E-13 | 2080 | 5.87E-13 | 2182 | 1.15E-12 | 2284 | 1.50E-12 | 2386 | 6.93E-13 | 2488 | 8.56E-13 | 2590 | 2.31E-12 | 2692 | 4.11E-12 | 2794 | 1.08E-12 | 2896 | 5.85E-12 | 2998 | 6.56E-12 | 3100 | 6.51E-12 |
| 1980 | -2.92E-13 | 2082 | 1.22E-13 | 2184 | 1.60E-12 | 2286 | 1.73E-12 | 2388 | 7.47E-13 | 2490 | 8.20E-13 | 2592 | 2.46E-12 | 2694 | 4.21E-12 | 2796 | 8.94E-13 | 2898 | 6.58E-12 | 3000 | 6.14E-12 | 3102 | 6.79E-12 |
| 1982 | -2.20E-13 | 2084 | 3.67E-13 | 2186 | 1.54E-12 | 2288 | 1.66E-12 | 2390 | 8.85E-13 | 2492 | 7.88E-13 | 2594 | 2.35E-12 | 2696 | 4.29E-12 | 2798 | 7.66E-13 | 2900 | 7.13E-12 | 3002 | 5.94E-12 | 3104 | 7.22E-12 |
| 1984 | 7.05E-13 | 2086 | 9.18E-13 | 2188 | 1.71E-12 | 2290 | 1.41E-12 | 2392 | 9.30E-13 | 2494 | 9.49E-13 | 2596 | 2.09E-12 | 2698 | 4.04E-12 | 2800 | 7.55E-13 | 2902 | 7.24E-12 | 3004 | 6.09E-12 | 3106 | 7.93E-12 |
| 1986 | 2.75E-13 | 2088 | 5.82E-13 | 2190 | 1.38E-12 | 2292 | 1.16E-12 | 2394 | 9.88E-13 | 2496 | 1.25E-12 | 2598 | 1.86E-12 | 2700 | 4.16E-12 | 2802 | 8.16E-13 | 2904 | 7.48E-12 | 3006 | 6.43E-12 | 3108 | 8.60E-12 |
| 1988 | 3.77E-13 | 2090 | 1.22E-13 | 2192 | 7.81E-13 | 2294 | 1.24E-12 | 2396 | 9.59E-13 | 2498 | 1.57E-12 | 2600 | 1.52E-12 | 2702 | 4.48E-12 | 2804 | 8.93E-13 | 2906 | 7.57E-12 | 3008 | 6.76E-12 | 3110 | 9.05E-12 |
| 1990 | 1.31E-13 | 2092 | 3.23E-13 | 2194 | 1.17E-12 | 2296 | 1.58E-12 | 2398 | 8.41E-13 | 2500 | 1.62E-12 | 2602 | 1.46E-12 | 2704 | 4.65E-12 | 2806 | 1.05E-12 | 2908 | 7.44E-12 | 3010 | 6.94E-12 | 3112 | 9.08E-12 |
| 1992 | -2.09E-13 | 2094 | 1.07E-12 | 2196 | 1.30E-12 | 2298 | 1.33E-12 | 2400 | 8.12E-13 | 2502 | 1.58E-12 | 2604 | 1.67E-12 | 2706 | 4.61E-12 | 2808 | 1.29E-12 | 2910 | 7.31E-12 | 3012 | 7.00E-12 | 3114 | 8.70E-12 |
| 1994 | 2.98E-13 | 2096 | 7.49E-13 | 2198 | 1.25E-12 | 2300 | 1.18E-12 | 2402 | 7.39E-13 | 2504 | 1.50E-12 | 2606 | 1.73E-12 | 2708 | 4.49E-12 | 2810 | 1.69E-12 | 2912 | 7.19E-12 | 3014 | 6.80E-12 | 3116 | 8.33E-12 |
| 1996 | 3.86E-13 | 2098 | 1.00E-12 | 2200 | 1.61E-12 | 2302 | 1.01E-12 | 2404 | 7.82E-13 | 2506 | 1.33E-12 | 2608 | 1.63E-12 | 2710 | 4.24E-12 | 2812 | 2.14E-12 | 2914 | 7.18E-12 | 3016 | 6.50E-12 | 3118 | 7.99E-12 |
| 1998 | 2.15E-13 | 2100 | 1.11E-12 | 2202 | 1.53E-12 | 2304 | 1.07E-12 | 2406 | 6.68E-13 | 2508 | 1.19E-12 | 2610 | 1.48E-12 | 2712 | 4.10E-12 | 2814 | 2.51E-12 | 2916 | 6.97E-12 | 3018 | 6.26E-12 | 3120 | 7.86E-12 |
| 2000 | 1.37E-13 | 2102 | 9.14E-13 | 2204 | 1.78E-12 | 2306 | 1.26E-12 | 2408 | 7.31E-13 | 2510 | 1.19E-12 | 2612 | 1.40E-12 | 2714 | 4.08E-12 | 2816 | 2.97E-12 | 2918 | 6.74E-12 | 3020 | 6.14E-12 | 3122 | 7.88E-12 |
| 2002 | 1.19E-13 | 2104 | 8.99E-13 | 2206 | 1.69E-12 | 2308 | 1.50E-12 | 2410 | 8.34E-13 | 2512 | 1.12E-12 | 2614 | 1.41E-12 | 2716 | 3.95E-12 | 2818 | 3.38E-12 | 2920 | 6.78E-12 | 3022 | 6.24E-12 | 3124 | 8.03E-12 |
| 2004 | 3.22E-13 | 2106 | 6.49E-13 | 2208 | 1.40E-12 | 2310 | 1.79E-12 | 2412 | 7.27E-13 | 2514 | 9.26E-13 | 2616 | 1.51E-12 | 2718 | 3.69E-12 | 2820 | 3.72E-12 | 2922 | 6.73E-12 | 3024 | 6.73E-12 | 3126 | 8.28E-12 |
| 2006 | 4.94E-13 | 2108 | 5.80E-13 | 2210 | 1.33E-12 | 2312 | 1.65E-12 | 2414 | 7.35E-13 | 2516 | 7.31E-13 | 2618 | 1.85E-12 | 2720 | 3.32E-12 | 2822 | 4.13E-12 | 2924 | 6.52E-12 | 3026 | 7.23E-12 | 3128 | 8.33E-12 |
| 2008 | -1.85E-13 | 2110 | 9.73E-13 | 2212 | 1.16E-12 | 2314 | 1.35E-12 | 2416 | 8.47E-13 | 2518 | 5.87E-13 | 2620 | 2.11E-12 | 2722 | 3.16E-12 | 2824 | 4.43E-12 | 2926 | 6.36E-12 | 3028 | 7.56E-12 | 3130 | 8.31E-12 |
| 2010 | -8.23E-14 | 2112 | 1.16E-12 | 2214 | 7.00E-13 | 2316 | 1.26E-12 | 2418 | 1.21E-12 | 2520 | 6.28E-13 | 2622 | 2.21E-12 | 2724 | 3.30E-12 | 2826 | 4.52E-12 | 2928 | 6.32E-12 | 3030 | 7.94E-12 | 3132 | 8.42E-12 |
| 2012 | -2.67E-13 | 2114 | 7.52E-13 | 2216 | 1.04E-12 | 2318 | 1.41E-12 | 2420 | 1.60E-12 | 2522 | 5.19E-13 | 2624 | 2.24E-12 | 2726 | 3.41E-12 | 2828 | 4.59E-12 | 2930 | 6.53E-12 | 3032 | 8.03E-12 | 3134 | 8.42E-12 |
| 2014 | 1.62E-13 | 2116 | 1.18E-12 | 2218 | 1.24E-12 | 2320 | 1.62E-12 | 2422 | 1.75E-12 | 2524 | 5.93E-13 | 2626 | 2.14E-12 | 2728 | 3.47E-12 | 2830 | 4.75E-12 | 2932 | 6.74E-12 | 3034 | 8.14E-12 | 3136 | 8.42E-12 |
| 2016 | 1.11E-12 | 2118 | 1.88E-12 | 2220 | 1.09E-12 | 2322 | 1.46E-12 | 2424 | 1.83E-12 | 2526 | 6.28E-13 | 2628 | 1.89E-12 | 2730 | 3.74E-12 | 2832 | 4.69E-12 | 2934 | 6.88E-12 | 3036 | 8.06E-12 | 3138 | 8.39E-12 |
| 2018 | 7.20E-13 | 2120 | 9.37E-13 | 2222 | 1.03E-12 | 2324 | 1.52E-12 | 2426 | 1.79E-12 | 2528 | 7.28E-13 | 2630 | 1.66E-12 | 2732 | 3.98E-12 | 2834 | 4.61E-12 | 2936 | 6.68E-12 | 3038 | 7.70E-12 | 3140 | 8.29E-12 |
| 2020 | 3.84E-13 | 2122 | 1.80E-12 | 2224 | 1.35E-12 | 2326 | 1.63E-12 | 2428 | 1.78E-12 | 2530 | 7.31E-13 | 2632 | 1.77E-12 | 2734 | 3.79E-12 | 2836 | 4.64E-12 | 2938 | 6.53E-12 | 3040 | 7.65E-12 | 3142 | 8.13E-12 |
| 2022 | 2.20E-13 | 2124 | 1.44E-12 | 2226 | 1.67E-12 | 2328 | 1.39E-12 | 2430 | 1.86E-12 | 2532 | 7.59E-13 | 2634 | 2.24E-12 | 2736 | 3.40E-12 | 2838 | 4.53E-12 | 2940 | 6.55E-12 | 3042 | 7.82E-12 | 3144 | 7.71E-12 |
| 2024 | 6.82E-13 | 2126 | 6.69E-13 | 2228 | 1.67E-12 | 2330 | 1.25E-12 | 2432 | 1.66E-12 | 2534 | 1.00E-12 | 2636 | 3.09E-12 | 2738 | 3.00E-12 | 2840 | 4.48E-12 | 2942 | 6.50E-12 | 3044 | 7.79E-12 | 3146 | 7.52E-12 |
| 2026 | 4.21E-13 | 2128 | 1.66E-12 | 2230 | 1.82E-12 | 2332 | 1.25E-12 | 2434 | 1.62E-12 | 2536 | 1.05E-12 | 2638 | 4.00E-12 | 2740 | 2.63E-12 | 2842 | 4.40E-12 | 2944 | 6.53E-12 | 3046 | 7.96E-12 | 3148 | 7.78E-12 |
| 2028 | 3.72E-13 | 2130 | 1.83E-12 | 2232 | 2.04E-12 | 2334 | 1.14E-12 | 2436 | 1.48E-12 | 2538 | 8.78E-13 | 2640 | 4.48E-12 | 2742 | 2.34E-12 | 2844 | 4.08E-12 | 2946 | 6.44E-12 | 3048 | 8.19E-12 | 3150 | 8.20E-12 |
| 2030 | 3.05E-13 | 2132 | 8.93E-13 | 2234 | 1.84E-12 | 2336 | 1.13E-12 | 2438 | 1.37E-12 | 2540 | 9.67E-13 | 2642 | 4.87E-12 | 2744 | 2.15E-12 | 2846 | 3.84E-12 | 2948 | 6.29E-12 | 3050 | 8.24E-12 | 3152 | 8.39E-12 |
| 2032 | 5.19E-13 | 2134 | 4.88E-13 | 2236 | 1.76E-12 | 2338 | 1.10E-12 | 2440 | 1.60E-12 | 2542 | 1.03E-12 | 2644 | | 2746 | 2.11E-12 | 2848 | | 2950 | 6.41E-12 | 3052 | 8.21E-12 | 3154 | 8.00E-12 |
| 2034 | 4.18E-13 | 2136 | 7.30E-13 | 2238 | 1.92E-12 | 2340 | 1.10E-12 | 2442 | 1.59E-12 | 2544 | 1.19E-12 | 2646 | | 2748 | 2.10E-12 | 2850 | | 2952 | 6.68E-12 | 3054 | | 3156 | 7.44E-12 |
| 2036 | 3.74E-13 | 2138 | 1.34E-12 | 2240 | 2.19E-12 | 2342 | 8.67E-13 | 2444 | 1.59E-12 | 2546 | 1.06E-12 | 2648 | | 2750 | 2.07E-12 | 2852 | | 2954 | 6.71E-12 | 3056 | | 3158 | 7.35E-12 |
| 2038 | 1.30E-13 | 2140 | 1.14E-12 | 2242 | 2.20E-12 | 2344 | 7.43E-13 | 2446 | 1.44E-12 | 2548 | 9.39E-13 | 2650 | | 2752 | 2.29E-12 | 2854 | | 2956 | 7.01E-12 | 3058 | | 3160 | 7.50E-12 |
| 2040 | -3.64E-14 | 2142 | 1.15E-12 | 2244 | 1.72E-12 | 2346 | 6.67E-13 | 2448 | 1.44E-12 | 2550 | 1.16E-12 | 2652 | 4.61E-12 | 2754 | 2.61E-12 | 2856 | | 2958 | 7.42E-12 | 3060 | | 3162 | 7.76E-12 |
| 2042 | 1.16E-13 | 2144 | 1.25E-12 | 2246 | 1.78E-12 | 2348 | 5.43E-13 | 2450 | 1.32E-12 | 2552 | 1.36E-12 | 2654 | 4.80E-12 | 2756 | 2.80E-12 | 2858 | 3.32E-12 | 2960 | 7.48E-12 | 3062 | 7.11E-12 | 3164 | 8.12E-12 |
| 2044 | 5.53E-13 | 2146 | 1.38E-12 | 2248 | 1.97E-12 | 2350 | 6.50E-13 | 2452 | 1.05E-12 | 2554 | 1.58E-12 | 2656 | 4.88E-12 | 2758 | 3.02E-12 | 2860 | 3.87E-12 | 2962 | 7.26E-12 | 3064 | 7.12E-12 | 3166 | 8.69E-12 |
| 2046 | 2.40E-13 | 2148 | 1.62E-12 | 2250 | 1.82E-12 | 2352 | 1.03E-12 | 2454 | 1.07E-12 | 2556 | 1.70E-12 | 2658 | 4.83E-12 | 2760 | 3.28E-12 | 2862 | 4.61E-12 | 2964 | 6.80E-12 | 3066 | 7.18E-12 | 3168 | 9.17E-12 |
| 2048 | 1.94E-13 | 2150 | 1.22E-12 | 2252 | 1.49E-12 | 2354 | 1.26E-12 | 2456 | 1.10E-12 | 2558 | 1.85E-12 | 2660 | 4.82E-12 | 2762 | 3.49E-12 | 2864 | 4.94E-12 | 2966 | 6.33E-12 | 3068 | 7.24E-12 | 3170 | 9.34E-12 |
| 2050 | 3.93E-13 | 2152 | 9.32E-13 | 2254 | 1.51E-12 | 2356 | 1.27E-12 | 2458 | 1.13E-12 | 2560 | 1.92E-12 | 2662 | 4.66E-12 | 2764 | 3.73E-12 | 2866 | 5.15E-12 | 2968 | 6.11E-12 | 3070 | 7.47E-12 | 3172 | 9.34E-12 |
| 2052 | 2.00E-13 | 2154 | 1.22E-12 | 2256 | 1.62E-12 | 2358 | 1.25E-12 | 2460 | 1.13E-12 | 2562 | 1.86E-12 | 2664 | 4.34E-12 | 2766 | 3.87E-12 | 2868 | 5.04E-12 | 2970 | 6.23E-12 | 3072 | 7.54E-12 | 3174 | 9.26E-12 |
| 2054 | 3.76E-13 | 2156 | 1.48E-12 | 2258 | 1.49E-12 | 2360 | 1.43E-12 | 2462 | 1.14E-12 | 2564 | 1.83E-12 | 2666 | 4.26E-12 | 2768 | 3.98E-12 | 2870 | 5.07E-12 | 2972 | 6.54E-12 | 3074 | 7.55E-12 | 3176 | 8.75E-12 |
| 2056 | 5.64E-13 | 2158 | 1.02E-12 | 2260 | 1.51E-12 | 2362 | 1.22E-12 | 2464 | 9.85E-13 | 2566 | 1.82E-12 | 2668 | 4.25E-12 | 2770 | 3.92E-12 | 2872 | 5.19E-12 | 2974 | 6.75E-12 | 3076 | 7.57E-12 | 3178 | 8.20E-12 |
| 2058 | 7.48E-13 | 2160 | 1.51E-12 | 2262 | 1.26E-12 | 2364 | 8.25E-13 | 2466 | 1.11E-12 | 2568 | 2.14E-12 | 2670 | 4.17E-12 | 2772 | 3.85E-12 | 2874 | 5.33E-12 | 2976 | 6.98E-12 | 3078 | 7.62E-12 | 3180 | 7.86E-12 |
| 2060 | 8.11E-13 | 2162 | 1.57E-12 | 2264 | 1.50E-12 | 2366 | 9.01E-13 | 2468 | 1.12E-12 | 2570 | 2.55E-12 | 2672 | 4.18E-12 | 2774 | 3.89E-12 | 2876 | 5.10E-12 | 2978 | 7.17E-12 | 3080 | 7.78E-12 | 3182 | 7.83E-12 |
| 2062 | 5.92E-13 | 2164 | 1.25E-12 | 2266 | 1.46E-12 | 2368 | 1.14E-12 | 2470 | 1.28E-12 | 2572 | 2.62E-12 | 2674 | 4.39E-12 | 2776 | 3.75E-12 | 2878 | 4.66E-12 | 2980 | 6.82E-12 | 3082 | 7.89E-12 | 3184 | 7.99E-12 |
| 2064 | 8.37E-14 | 2166 | 1.22E-12 | 2268 | 1.19E-12 | 2370 | 1.10E-12 | 2472 | 1.32E-12 | 2574 | 2.53E-12 | 2676 | 4.62E-12 | 2778 | 3.51E-12 | 2880 | 4.17E-12 | 2982 | 6.05E-12 | 3084 | 7.91E-12 | 3186 | 8.07E-12 |
| 2066 | -2.28E-15 | 2168 | 7.66E-13 | 2270 | 1.12E-12 | 2372 | 1.27E-12 | 2474 | 1.27E-12 | 2576 | 2.52E-12 | 2678 | 4.63E-12 | 2780 | 3.12E-12 | 2882 | 3.89E-12 | 2984 | 5.62E-12 | 3086 | 7.85E-12 | 3188 | 8.10E-12 |
| 2068 | 4.57E-13 | 2170 | 9.03E-13 | 2272 | 1.05E-12 | 2374 | 1.30E-12 | 2476 | 1.23E-12 | 2578 | 2.37E-12 | 2680 | 4.47E-12 | 2782 | 2.72E-12 | 2884 | 4.25E-12 | 2986 | 5.74E-12 | 3088 | 7.45E-12 | 3190 | 8.22E-12 |
| 2070 | 3.71E-14 | 2172 | 9.77E-13 | 2274 | 9.36E-13 | 2376 | 1.34E-12 | 2478 | 1.30E-12 | 2580 | 2.57E-12 | 2682 | 4.23E-12 | 2784 | 2.46E-12 | 2886 | 4.82E-12 | 2988 | 6.31E-12 | 3090 | 7.05E-12 | 3192 | 8.28E-12 |
| 2072 | 1.78E-13 | 2174 | 8.22E-13 | 2276 | 1.20E-12 | 2378 | 1.14E-12 | 2480 | 1.28E-12 | 2582 | 2.70E-12 | 2684 | 4.36E-12 | 2786 | 2.23E-12 | 2888 | 5.40E-12 | 2990 | 6.90E-12 | 3092 | 6.64E-12 | 3194 | 8.43E-12 |
| 2074 | 1.40E-13 | 2176 | 1.28E-12 | 2278 | 1.24E-12 | 2380 | 9.58E-13 | 2482 | 1.01E-12 | 2584 | 2.57E-12 | 2686 | 4.50E-12 | 2788 | 1.98E-12 | 2890 | 5.59E-12 | 2992 | 7.11E-12 | 3094 | 6.42E-12 | 3196 | 8.84E-12 |
| 2076 | 3.93E-13 | 2178 | 1.75E-12 | 2280 | 1.03E-12 | 2382 | 7.31E-13 | 2484 | 9.01E-13 | 2586 | 2.29E-12 | 2688 | 4.43E-12 | 2790 | 1.72E-12 | 2892 | 5.61E-12 | 2994 | 6.99E-12 | 3096 | 6.47E-12 | 3198 | 9.33E-12 |


HD 110897 G0 V V=5.95 (B−V)=0.55 E(B−V)=−0.05
LAP: LWP 12332
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 114710 G0 V V=4.26 (B-V)=0.57 E(B-V)=-0.03**

**LAP: LWP 13414**

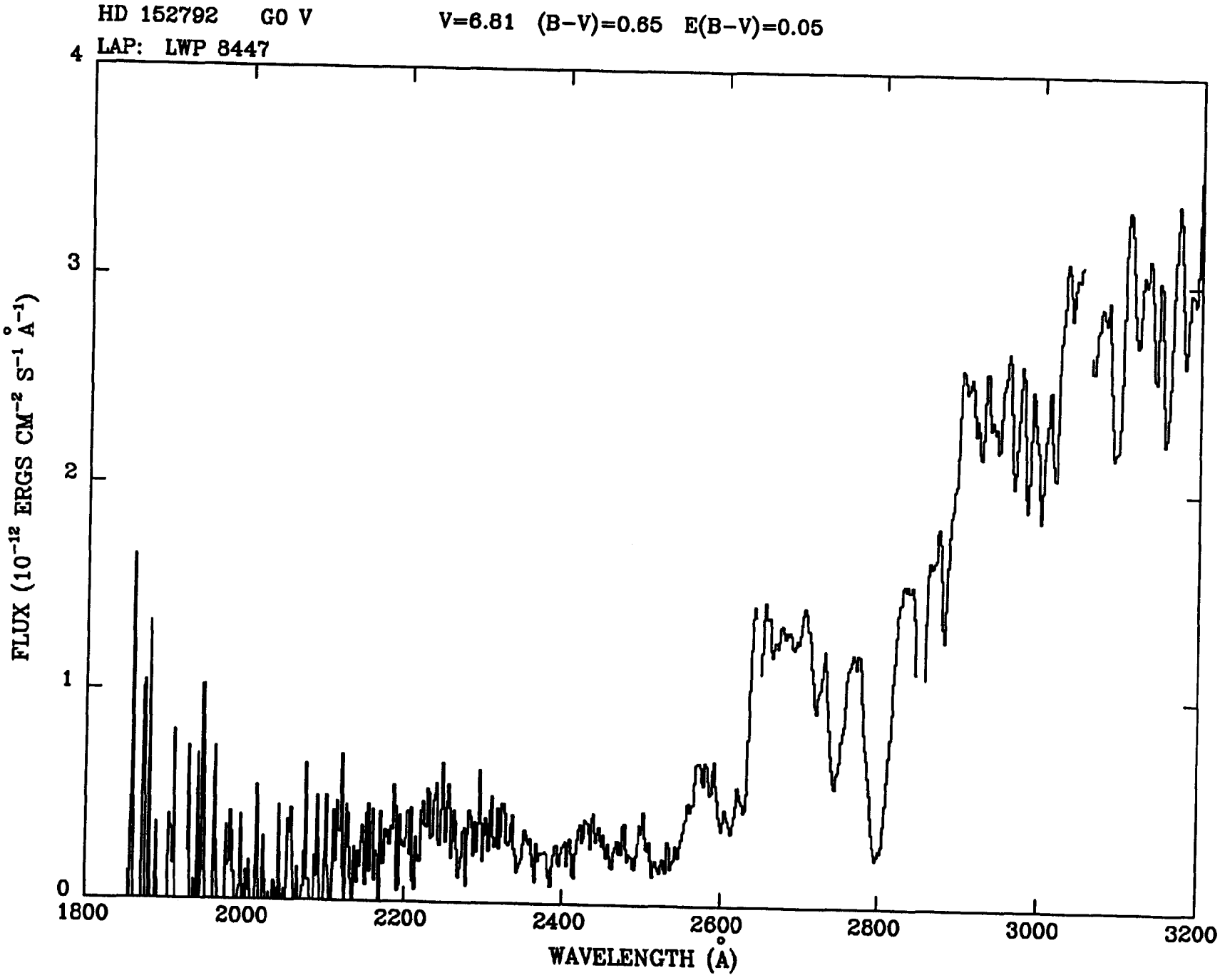
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.59E-12 | 2078 | 1.05E-12 | 2180 | 2.35E-12 | 2282 | 3.37E-12 | 2384 | 1.92E-12 | 2486 | 3.05E-12 | 2588 | 6.19E-12 | 2690 | 1.32E-11 | 2792 | 6.23E-12 | 2894 | 2.12E-11 | 2996 | 2.51E-11 | 3098 | 2.64E-11 |
| 1978 | 4.71E-13 | 2080 | 8.88E-13 | 2182 | 2.89E-12 | 2284 | 3.24E-12 | 2386 | 2.40E-12 | 2488 | 2.49E-12 | 2590 | 6.72E-12 | 2692 | 1.28E-11 | 2794 | 5.23E-12 | 2896 | 2.26E-11 | 2998 | 2.43E-11 | 3100 | 2.63E-11 |
| 1980 | -2.72E-12 | 2082 | 7.80E-13 | 2184 | 3.71E-12 | 2286 | 3.19E-12 | 2388 | 2.89E-12 | 2490 | 2.17E-12 | 2592 | 7.07E-12 | 2694 | 1.27E-11 | 2796 | 4.45E-12 | 2898 | 2.53E-11 | 3000 | 2.27E-11 | 3102 | 2.71E-11 |
| 1982 | -9.72E-13 | 2084 | 1.77E-12 | 2186 | 6.06E-12 | 2288 | 3.72E-12 | 2390 | 2.66E-12 | 2492 | 2.60E-12 | 2594 | 7.04E-12 | 2696 | 1.29E-11 | 2798 | 4.14E-12 | 2900 | 2.72E-11 | 3002 | 2.11E-11 | 3104 | 2.96E-11 |
| 1984 | -8.55E-13 | 2086 | 2.88E-12 | 2188 | 4.07E-12 | 2290 | 4.15E-12 | 2392 | 2.46E-12 | 2494 | 2.66E-12 | 2596 | 6.27E-12 | 2698 | 1.23E-11 | 2800 | 4.24E-12 | 2902 | 2.88E-11 | 3004 | 2.12E-11 | 3106 | 3.34E-11 |
| 1986 | 2.40E-14 | 2088 | -5.43E-13 | 2190 | 1.38E-12 | 2292 | 3.44E-12 | 2394 | 2.71E-12 | 2496 | 3.57E-12 | 2598 | 5.16E-12 | 2700 | 1.27E-11 | 2802 | 4.22E-12 | 2904 | 3.05E-11 | 3006 | 2.25E-11 | 3108 | 3.65E-11 |
| 1988 | -1.20E-12 | 2090 | 2.28E-12 | 2192 | 1.67E-12 | 2294 | 6.74E-12 | 2396 | 2.89E-12 | 2498 | 4.15E-12 | 2600 | 4.00E-12 | 2702 | 1.37E-11 | 2804 | 4.27E-12 | 2906 | 3.02E-11 | 3008 | 2.36E-11 | 3110 | 3.78E-11 |
| 1990 | 2.02E-12 | 2092 | 2.39E-12 | 2194 | 3.85E-12 | 2296 | 4.95E-12 | 2398 | 2.53E-12 | 2500 | 4.08E-12 | 2602 | 3.88E-12 | 2704 | 1.47E-11 | 2806 | 4.55E-12 | 2908 | 2.94E-11 | 3010 | 2.44E-11 | 3112 | 3.76E-11 |
| 1992 | 1.40E-12 | 2094 | 3.11E-13 | 2196 | 3.28E-12 | 2298 | 1.92E-12 | 2400 | 2.76E-12 | 2502 | 4.58E-12 | 2604 | 4.68E-12 | 2706 | 1.49E-11 | 2808 | 5.36E-12 | 2910 | 2.85E-11 | 3012 | 2.56E-11 | 3114 | 3.61E-11 |
| 1994 | 9.33E-13 | 2096 | 1.91E-12 | 2198 | 2.82E-12 | 2300 | 2.70E-12 | 2402 | 2.30E-12 | 2504 | 4.03E-12 | 2606 | 5.47E-12 | 2708 | 1.41E-11 | 2810 | 6.96E-12 | 2912 | 2.82E-11 | 3014 | 2.55E-11 | 3116 | 3.45E-11 |
| 1996 | -1.09E-13 | 2098 | 2.14E-12 | 2200 | 4.79E-12 | 2302 | 3.72E-12 | 2404 | 2.31E-12 | 2506 | 3.46E-12 | 2608 | 5.02E-12 | 2710 | 1.36E-11 | 2812 | 8.39E-12 | 2914 | 2.84E-11 | 3016 | 2.48E-11 | 3118 | 3.35E-11 |
| 1998 | -1.41E-12 | 2100 | 1.24E-12 | 2202 | 5.46E-12 | 2304 | 3.15E-12 | 2406 | 1.69E-12 | 2508 | 3.55E-12 | 2610 | 4.15E-12 | 2712 | 1.33E-11 | 2814 | 9.63E-12 | 2916 | 2.81E-11 | 3018 | 2.32E-11 | 3120 | 3.24E-11 |
| 2000 | 1.35E-12 | 2102 | 1.85E-12 | 2204 | 5.38E-12 | 2306 | 3.41E-12 | 2408 | 2.59E-12 | 2510 | 3.85E-12 | 2612 | 3.90E-12 | 2714 | 1.31E-11 | 2816 | 1.11E-11 | 2918 | 2.71E-11 | 3020 | 2.20E-11 | 3122 | 3.25E-11 |
| 2002 | 1.38E-12 | 2104 | 1.79E-12 | 2206 | 4.56E-12 | 2308 | 4.37E-12 | 2410 | 2.33E-12 | 2512 | 3.78E-12 | 2614 | 4.32E-12 | 2716 | 1.27E-11 | 2818 | 1.27E-11 | 2920 | 2.68E-11 | 3022 | 2.25E-11 | 3124 | 3.38E-11 |
| 2004 | 4.00E-12 | 2106 | 1.68E-12 | 2208 | 4.21E-12 | 2310 | 4.22E-12 | 2412 | 1.94E-12 | 2514 | 3.43E-12 | 2616 | 4.45E-12 | 2718 | 1.15E-11 | 2820 | 1.40E-11 | 2922 | 2.62E-11 | 3024 | 2.47E-11 | 3126 | 3.46E-11 |
| 2006 | -1.95E-12 | 2108 | 5.68E-13 | 2210 | 2.26E-12 | 2312 | 3.00E-12 | 2414 | 2.10E-12 | 2516 | 2.94E-12 | 2618 | 4.91E-12 | 2720 | 1.06E-11 | 2822 | 1.51E-11 | 2924 | 2.50E-11 | 3026 | 2.68E-11 | 3128 | 3.47E-11 |
| 2008 | -1.43E-12 | 2110 | 3.05E-12 | 2212 | 1.40E-12 | 2314 | 2.74E-12 | 2416 | 2.59E-12 | 2518 | 2.12E-12 | 2620 | 5.59E-12 | 2722 | 9.94E-12 | 2824 | 1.57E-11 | 2926 | 2.38E-11 | 3028 | 2.94E-11 | 3130 | 3.41E-11 |
| 2010 | 2.21E-13 | 2112 | 3.19E-12 | 2214 | 1.34E-12 | 2316 | 2.98E-12 | 2418 | 2.99E-12 | 2520 | 2.20E-12 | 2622 | 6.08E-12 | 2724 | 9.88E-12 | 2826 | 1.62E-11 | 2928 | 2.35E-11 | 3030 | 3.18E-11 | 3132 | 3.36E-11 |
| 2012 | 2.56E-12 | 2114 | 2.50E-12 | 2216 | 2.15E-12 | 2318 | 2.61E-12 | 2420 | 3.66E-12 | 2522 | 2.44E-12 | 2624 | 6.54E-12 | 2726 | 1.04E-11 | 2828 | 1.68E-11 | 2930 | 2.46E-11 | 3032 | 3.24E-11 | 3134 | 3.37E-11 |
| 2014 | 5.76E-12 | 2116 | 4.64E-12 | 2218 | 2.50E-12 | 2320 | 2.88E-12 | 2422 | 4.58E-12 | 2524 | 2.52E-12 | 2626 | 6.18E-12 | 2728 | 1.07E-11 | 2830 | 1.66E-11 | 2932 | 2.66E-11 | 3034 | 3.20E-11 | 3136 | 3.47E-11 |
| 2016 | 2.88E-14 | 2118 | 3.98E-12 | 2220 | 2.55E-12 | 2322 | 4.69E-12 | 2424 | 4.76E-12 | 2526 | 2.57E-12 | 2628 | 5.33E-12 | 2730 | 1.14E-11 | 2832 | 1.70E-11 | 2934 | 2.70E-11 | 3036 | 3.13E-11 | 3138 | 3.57E-11 |
| 2018 | -2.14E-12 | 2120 | 6.25E-12 | 2222 | 4.22E-12 | 2324 | 4.49E-12 | 2426 | 4.95E-12 | 2528 | 2.40E-12 | 2630 | 4.96E-12 | 2732 | 1.22E-11 | 2834 | 1.75E-11 | 2936 | 2.61E-11 | 3038 | 3.10E-11 | 3140 | 3.62E-11 |
| 2020 | 1.02E-12 | 2122 | 4.66E-12 | 2224 | 4.22E-12 | 2326 | 4.25E-12 | 2428 | 4.66E-12 | 2530 | 2.30E-12 | 2632 | 4.71E-12 | 2734 | 1.23E-11 | 2836 | 1.67E-11 | 2938 | 2.50E-11 | 3040 | 3.02E-11 | 3142 | 3.49E-11 |
| 2022 | 2.62E-12 | 2124 | 2.20E-12 | 2226 | 3.84E-12 | 2328 | 3.93E-12 | 2430 | 4.47E-12 | 2532 | 2.66E-12 | 2634 | 5.74E-12 | 2736 | 1.14E-11 | 2838 | 1.61E-11 | 2940 | 2.40E-11 | 3042 | 2.99E-11 | 3144 | 3.27E-11 |
| 2024 | 4.57E-14 | 2126 | | 2228 | 3.34E-12 | 2330 | 3.58E-12 | 2432 | 4.38E-12 | 2534 | 2.76E-12 | 2636 | 7.58E-12 | 2738 | 1.03E-11 | 2840 | 1.67E-11 | 2942 | 2.43E-11 | 3044 | 3.05E-11 | 3146 | 3.24E-11 |
| 2026 | -1.09E-12 | 2128 | 3.89E-12 | 2230 | 4.23E-12 | 2332 | 3.54E-12 | 2434 | 3.31E-12 | 2536 | 2.43E-12 | 2638 | 1.04E-11 | 2740 | 9.02E-12 | 2842 | 1.65E-11 | 2944 | 2.54E-11 | 3046 | 3.13E-11 | 3148 | 3.39E-11 |
| 2028 | 1.07E-12 | 2130 | 3.88E-12 | 2232 | 3.69E-12 | 2334 | 3.52E-12 | 2436 | 3.53E-12 | 2538 | 2.79E-12 | 2640 | 1.27E-11 | 2742 | 7.79E-12 | 2844 | 1.59E-11 | 2946 | 2.53E-11 | 3048 | 3.14E-11 | 3150 | 3.52E-11 |
| 2030 | 1.56E-12 | 2132 | 2.78E-12 | 2234 | 2.50E-12 | 2336 | 3.16E-12 | 2438 | 4.72E-12 | 2540 | 3.09E-12 | 2642 | 1.39E-11 | 2744 | 6.96E-12 | 2846 | | 2948 | 2.48E-11 | 3050 | 3.11E-11 | 3152 | 3.56E-11 |
| 2032 | -1.49E-12 | 2134 | 2.03E-12 | 2236 | 3.78E-12 | 2338 | 2.58E-12 | 2440 | 4.15E-12 | 2542 | 3.17E-12 | 2644 | 1.47E-11 | 2746 | 6.44E-12 | 2848 | | 2950 | 2.46E-11 | 3052 | | 3154 | 3.37E-11 |
| 2034 | 1.90E-13 | 2136 | 3.47E-12 | 2238 | 4.91E-12 | 2340 | 2.41E-12 | 2442 | 3.99E-12 | 2544 | 2.81E-12 | 2646 | 1.45E-11 | 2748 | 6.31E-12 | 2850 | | 2952 | 2.51E-11 | 3054 | | 3156 | 3.12E-11 |
| 2036 | 2.16E-12 | 2138 | 3.97E-12 | 2240 | 6.00E-12 | 2342 | 1.97E-12 | 2444 | 4.60E-12 | 2546 | 2.91E-12 | 2648 | 1.32E-11 | 2750 | 6.61E-12 | 2852 | | 2954 | 2.63E-11 | 3056 | | 3158 | 2.89E-11 |
| 2038 | -2.17E-13 | 2140 | 4.02E-12 | 2242 | 5.18E-12 | 2344 | 2.41E-12 | 2446 | 4.26E-12 | 2548 | 3.34E-12 | 2650 | 1.21E-11 | 2752 | 7.15E-12 | 2854 | | 2956 | 2.70E-11 | 3058 | | 3160 | 2.81E-11 |
| 2040 | -1.53E-12 | 2142 | 3.40E-12 | 2244 | 4.00E-12 | 2346 | 2.39E-12 | 2448 | 3.47E-12 | 2550 | 2.99E-12 | 2652 | 1.19E-11 | 2754 | 8.10E-12 | 2856 | 9.21E-12 | 2958 | 2.77E-11 | 3060 | | 3162 | 2.94E-11 |
| 2042 | 9.41E-13 | 2144 | 4.31E-12 | 2246 | 4.37E-12 | 2348 | 1.13E-12 | 2450 | 3.29E-12 | 2552 | 3.45E-12 | 2654 | 1.26E-11 | 2756 | 8.80E-12 | 2858 | 1.13E-11 | 2960 | 2.81E-11 | 3062 | 2.76E-11 | 3164 | 3.23E-11 |
| 2044 | -1.28E-12 | 2146 | 6.44E-12 | 2248 | 4.29E-12 | 2350 | 1.97E-12 | 2452 | 3.42E-12 | 2554 | 4.15E-12 | 2656 | 1.41E-11 | 2758 | 9.03E-12 | 2860 | 1.45E-11 | 2962 | 2.80E-11 | 3064 | 2.89E-11 | 3166 | 3.48E-11 |
| 2046 | -2.65E-12 | 2148 | 5.64E-12 | 2250 | 3.61E-12 | 2352 | 2.13E-12 | 2454 | 2.88E-12 | 2556 | 4.49E-12 | 2658 | 1.52E-11 | 2760 | 1.02E-11 | 2862 | 1.65E-11 | 2964 | 2.68E-11 | 3066 | 2.97E-11 | 3168 | 3.68E-11 |
| 2048 | -1.70E-12 | 2150 | 1.88E-12 | 2252 | 3.97E-12 | 2354 | 3.15E-12 | 2456 | 2.76E-12 | 2558 | 4.89E-12 | 2660 | 1.47E-11 | 2762 | 1.20E-11 | 2864 | 1.77E-11 | 2966 | 2.48E-11 | 3068 | 3.01E-11 | 3170 | 3.97E-11 |
| 2050 | -1.53E-13 | 2152 | 4.32E-12 | 2254 | 4.30E-12 | 2356 | 2.75E-12 | 2458 | 2.81E-12 | 2560 | 4.64E-12 | 2662 | 1.37E-11 | 2764 | 1.26E-11 | 2866 | 1.80E-11 | 2968 | 2.31E-11 | 3070 | 3.07E-11 | 3172 | 4.24E-11 |
| 2052 | 1.96E-12 | 2154 | 4.92E-12 | 2256 | 3.87E-12 | 2358 | 3.43E-12 | 2460 | 3.16E-12 | 2562 | 4.72E-12 | 2664 | 1.34E-11 | 2766 | 1.26E-11 | 2868 | 1.81E-11 | 2970 | 2.27E-11 | 3072 | 3.17E-11 | 3174 | 4.31E-11 |
| 2054 | 2.36E-12 | 2156 | 2.22E-12 | 2258 | 3.03E-12 | 2360 | 2.91E-12 | 2462 | 2.94E-12 | 2564 | 4.75E-12 | 2666 | 1.25E-11 | 2768 | 1.28E-11 | 2870 | 1.79E-11 | 2972 | 2.31E-11 | 3074 | 3.17E-11 | 3176 | 4.08E-11 |
| 2056 | 7.77E-13 | 2158 | 4.11E-12 | 2260 | 2.94E-12 | 2362 | 2.25E-12 | 2464 | 3.12E-12 | 2566 | 5.01E-12 | 2668 | 1.20E-11 | 2770 | 1.28E-11 | 2872 | 1.86E-11 | 2974 | 2.52E-11 | 3076 | 3.15E-11 | 3178 | 3.78E-11 |
| 2058 | -2.08E-14 | 2160 | 4.88E-12 | 2262 | 3.33E-12 | 2364 | 1.91E-12 | 2466 | 2.94E-12 | 2568 | 5.67E-12 | 2670 | 1.20E-11 | 2772 | 1.33E-11 | 2874 | 1.93E-11 | 2976 | 2.81E-11 | 3078 | 3.15E-11 | 3180 | 3.38E-11 |
| 2060 | -5.81E-13 | 2162 | 3.25E-12 | 2264 | 3.93E-12 | 2366 | 2.78E-12 | 2468 | 2.94E-12 | 2570 | 6.52E-12 | 2672 | 1.28E-11 | 2774 | 1.37E-11 | 2876 | 1.91E-11 | 2978 | 2.93E-11 | 3080 | 3.17E-11 | 3182 | 3.20E-11 |
| 2062 | -1.35E-12 | 2164 | 2.41E-12 | 2266 | 3.07E-12 | 2368 | 2.97E-12 | 2470 | 3.13E-12 | 2572 | 7.27E-12 | 2674 | 1.32E-11 | 2776 | 1.37E-11 | 2878 | 1.79E-11 | 2980 | 2.78E-11 | 3082 | 3.21E-11 | 3184 | 3.29E-11 |
| 2064 | -3.25E-13 | 2166 | 2.68E-12 | 2268 | 1.94E-12 | 2370 | 2.35E-12 | 2472 | 3.22E-12 | 2574 | 7.45E-12 | 2676 | 1.32E-11 | 2778 | 1.26E-11 | 2880 | 1.60E-11 | 2982 | 2.43E-11 | 3084 | 3.25E-11 | 3186 | 3.50E-11 |
| 2066 | 2.18E-13 | 2168 | 2.45E-12 | 2270 | 1.54E-12 | 2372 | 1.89E-12 | 2474 | 3.02E-12 | 2576 | 6.78E-12 | 2678 | 1.33E-11 | 2780 | 1.09E-11 | 2882 | 1.48E-11 | 2984 | 2.16E-11 | 3086 | 3.20E-11 | 3188 | 3.66E-11 |
| 2068 | -4.12E-13 | 2170 | 2.45E-12 | 2272 | 1.29E-12 | 2374 | 2.36E-12 | 2476 | 3.49E-12 | 2578 | 6.34E-12 | 2680 | 1.33E-11 | 2782 | 9.62E-12 | 2884 | 1.50E-11 | 2986 | 2.08E-11 | 3088 | 3.14E-11 | 3190 | 3.68E-11 |
| 2070 | -6.62E-13 | 2172 | 2.59E-12 | 2274 | 2.39E-12 | 2376 | 2.78E-12 | 2478 | 3.91E-12 | 2580 | 6.51E-12 | 2682 | 1.34E-11 | 2784 | 8.89E-12 | 2886 | 1.73E-11 | 2988 | 2.23E-11 | 3090 | 2.97E-11 | 3192 | 3.56E-11 |
| 2072 | -6.22E-13 | 2174 | 4.05E-12 | 2276 | 2.31E-12 | 2378 | 3.19E-12 | 2480 | 3.25E-12 | 2582 | 6.65E-12 | 2684 | 1.33E-11 | 2786 | 8.57E-12 | 2888 | 1.97E-11 | 2990 | 2.46E-11 | 3092 | 2.74E-11 | 3194 | 3.48E-11 |
| 2074 | 2.68E-12 | 2176 | 2.56E-12 | 2278 | 1.74E-12 | 2380 | 2.87E-12 | 2482 | 3.17E-12 | 2584 | 7.23E-12 | 2686 | 1.35E-11 | 2788 | 8.33E-12 | 2890 | 2.05E-11 | 2992 | 2.60E-11 | 3094 | 2.65E-11 | 3196 | 3.55E-11 |
| 2076 | 3.09E-12 | 2178 | 3.24E-12 | 2280 | 3.01E-12 | 2382 | 1.87E-12 | 2484 | 3.15E-12 | 2586 | 6.79E-12 | 2688 | 1.36E-11 | 2790 | 7.43E-12 | 2892 | 2.08E-11 | 2994 | 2.57E-11 | 3096 | 2.66E-11 | 3198 | 3.66E-11 |


HD 114710 G0 V
V=4.26 (B-V)=0.57 E(B-V)=-0.03
LAP: LWP 13414
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 152792 G0 V V=6.81 (B-V)=0.65 E(B-V)=0.05**

**LAP: LWP 8447**

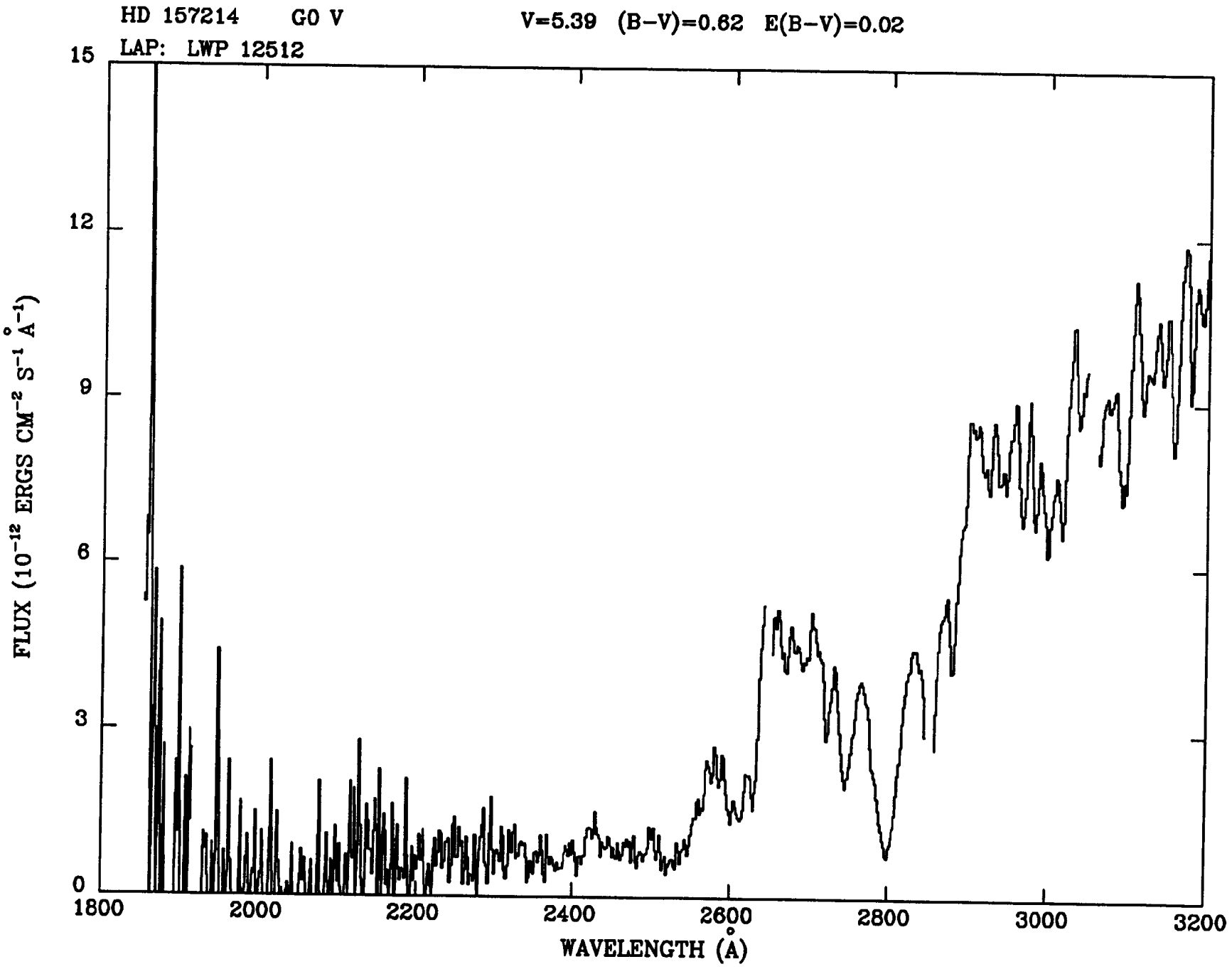
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.26E-13 | 2078 | 3.75E-13 | 2180 | 3.32E-13 | 2282 | 3.92E-13 | 2384 | 1.17E-13 | 2486 | 2.32E-13 | 2588 | 5.74E-13 | 2690 | 1.26E-12 | 2792 | 3.28E-13 | 2894 | 2.03E-12 | 2996 | 2.23E-12 | 3098 | 2.22E-12 |
| 1978 | 2.25E-13 | 2080 | 9.62E-14 | 2182 | 2.83E-13 | 2284 | 4.18E-13 | 2386 | 1.07E-13 | 2488 | 2.26E-13 | 2590 | 6.64E-13 | 2692 | 1.24E-12 | 2794 | 2.76E-13 | 2896 | 2.17E-12 | 2998 | 2.08E-12 | 3100 | 2.36E-12 |
| 1980 | 1.70E-13 | 2082 | 4.36E-14 | 2184 | 3.53E-13 | 2286 | 3.69E-13 | 2388 | 1.94E-13 | 2490 | 1.84E-13 | 2592 | 6.44E-13 | 2694 | 1.25E-12 | 2796 | 2.42E-13 | 2898 | 2.38E-12 | 3000 | 1.91E-12 | 3102 | 2.62E-12 |
| 1982 | 3.57E-13 | 2084 | -1.98E-14 | 2186 | 3.95E-13 | 2288 | 2.49E-13 | 2390 | 2.46E-13 | 2492 | 1.72E-13 | 2594 | 5.45E-13 | 2696 | 1.28E-12 | 2798 | 2.39E-13 | 2900 | 2.53E-12 | 3002 | 1.97E-12 | 3104 | 2.94E-12 |
| 1984 | 3.34E-13 | 2086 | -6.58E-14 | 2188 | 5.17E-13 | 2290 | 3.58E-13 | 2392 | 2.75E-13 | 2494 | 2.34E-13 | 2596 | 4.62E-13 | 2698 | 1.27E-12 | 2800 | 2.66E-13 | 2902 | 2.58E-12 | 3004 | 2.13E-12 | 3106 | 3.20E-12 |
| 1986 | 1.46E-13 | 2088 | 1.53E-13 | 2190 | 2.92E-13 | 2292 | 2.48E-13 | 2394 | 2.36E-13 | 2496 | 3.00E-13 | 2598 | 4.04E-13 | 2700 | 1.32E-12 | 2802 | 2.68E-13 | 2904 | 2.56E-12 | 3006 | 2.25E-12 | 3108 | 3.32E-12 |
| 1988 | 9.50E-15 | 2090 | 1.28E-13 | 2192 | 6.27E-14 | 2294 | 3.90E-13 | 2396 | 1.88E-13 | 2498 | 3.74E-13 | 2600 | 3.69E-13 | 2702 | 1.37E-12 | 2804 | 2.90E-13 | 2906 | 2.51E-12 | 3008 | 2.32E-12 | 3110 | 3.35E-12 |
| 1990 | -9.05E-14 | 2092 | 4.79E-13 | 2194 | 2.60E-13 | 2296 | 6.07E-13 | 2398 | 2.21E-13 | 2500 | 3.46E-13 | 2602 | 3.91E-13 | 2704 | 1.41E-12 | 2806 | 3.80E-13 | 2908 | 2.48E-12 | 3010 | 2.48E-12 | 3112 | 3.29E-12 |
| 1992 | 4.38E-14 | 2094 | 2.61E-13 | 2196 | 3.39E-13 | 2298 | 3.50E-13 | 2400 | 2.60E-13 | 2502 | 3.90E-13 | 2604 | 4.47E-13 | 2706 | 1.42E-12 | 2808 | 4.85E-13 | 2910 | 2.51E-12 | 3012 | 2.47E-12 | 3114 | 3.14E-12 |
| 1994 | 1.46E-13 | 2096 | -2.63E-13 | 2198 | 2.76E-13 | 2300 | 2.28E-13 | 2402 | 2.79E-13 | 2504 | 4.01E-13 | 2606 | 4.32E-13 | 2708 | 1.37E-12 | 2810 | 6.07E-13 | 2912 | 2.53E-12 | 3014 | 2.24E-12 | 3116 | 2.94E-12 |
| 1996 | 2.55E-13 | 2098 | -8.45E-14 | 2200 | 2.63E-13 | 2302 | 3.45E-13 | 2404 | 2.93E-13 | 2506 | 3.01E-13 | 2608 | 4.08E-13 | 2710 | 1.33E-12 | 2812 | 7.31E-13 | 2914 | 2.52E-12 | 3016 | 2.13E-12 | 3118 | 2.79E-12 |
| 1998 | -1.28E-13 | 2100 | 6.37E-15 | 2202 | 2.90E-13 | 2304 | 3.92E-13 | 2406 | 1.92E-13 | 2508 | 2.64E-13 | 2610 | 3.80E-13 | 2712 | 1.30E-12 | 2814 | 8.27E-13 | 2916 | 2.41E-12 | 3018 | 2.07E-12 | 3120 | 2.72E-12 |
| 2000 | -7.55E-14 | 2102 | 3.23E-13 | 2204 | 4.05E-13 | 2306 | 3.16E-13 | 2408 | 2.84E-13 | 2510 | 2.81E-13 | 2612 | 3.46E-13 | 2714 | 1.19E-12 | 2816 | 9.69E-13 | 2918 | 2.30E-12 | 3020 | 2.15E-12 | 3122 | 2.72E-12 |
| 2002 | 1.18E-13 | 2104 | 3.65E-13 | 2206 | 4.32E-13 | 2308 | 3.45E-13 | 2410 | 2.99E-13 | 2512 | 2.48E-13 | 2614 | 3.59E-13 | 2716 | 1.10E-12 | 2818 | 1.11E-12 | 2920 | 2.34E-12 | 3022 | 2.41E-12 | 3124 | 2.86E-12 |
| 2004 | 5.09E-14 | 2106 | 8.79E-14 | 2208 | 2.36E-13 | 2310 | 4.78E-13 | 2412 | 2.22E-13 | 2514 | 1.62E-13 | 2616 | 4.03E-13 | 2718 | 9.90E-13 | 2820 | 1.22E-12 | 2922 | 2.31E-12 | 3024 | 2.65E-12 | 3126 | 3.00E-12 |
| 2006 | 1.76E-13 | 2108 | -7.92E-14 | 2210 | 4.12E-13 | 2312 | 3.82E-13 | 2414 | 1.31E-13 | 2516 | 1.74E-13 | 2618 | 4.48E-13 | 2720 | 9.36E-13 | 2822 | 1.35E-12 | 2924 | 2.20E-12 | 3026 | 2.78E-12 | 3128 | 3.05E-12 |
| 2008 | -3.61E-13 | 2110 | 2.96E-14 | 2212 | 9.11E-14 | 2314 | 2.80E-13 | 2416 | 1.58E-13 | 2518 | 2.04E-13 | 2620 | 5.16E-13 | 2722 | 9.96E-13 | 2824 | 1.43E-12 | 2926 | 2.18E-12 | 3028 | 2.87E-12 | 3130 | 3.02E-12 |
| 2010 | -2.26E-13 | 2112 | 3.30E-13 | 2214 | 1.21E-13 | 2316 | 2.98E-13 | 2418 | 2.62E-13 | 2520 | 1.87E-13 | 2622 | 5.52E-13 | 2724 | 1.03E-12 | 2826 | 1.46E-12 | 2928 | 2.29E-12 | 3030 | 3.00E-12 | 3132 | 3.01E-12 |
| 2012 | -2.30E-13 | 2114 | 2.48E-13 | 2216 | 2.81E-13 | 2318 | 4.30E-13 | 2420 | 3.29E-13 | 2522 | 1.68E-13 | 2624 | 5.17E-13 | 2726 | 1.05E-12 | 2828 | 1.51E-12 | 2930 | 2.47E-12 | 3032 | 3.09E-12 | 3134 | 3.07E-12 |
| 2014 | 2.95E-13 | 2116 | 4.16E-13 | 2218 | 2.11E-13 | 2320 | 2.79E-13 | 2422 | 3.67E-13 | 2524 | 1.56E-13 | 2626 | 4.93E-13 | 2728 | 1.11E-12 | 2830 | 1.54E-12 | 2932 | 2.57E-12 | 3034 | 3.07E-12 | 3136 | 3.12E-12 |
| 2016 | 3.45E-13 | 2118 | 3.56E-13 | 2220 | 1.94E-13 | 2322 | 3.22E-13 | 2424 | 3.31E-13 | 2526 | 1.97E-13 | 2628 | 4.61E-13 | 2730 | 1.19E-12 | 2832 | 1.53E-12 | 2934 | 2.51E-12 | 3036 | 2.97E-12 | 3138 | 3.03E-12 |
| 2018 | -1.24E-13 | 2120 | 3.28E-13 | 2222 | 3.14E-13 | 2324 | 4.74E-13 | 2426 | 3.04E-13 | 2528 | 2.08E-13 | 2630 | 4.58E-13 | 2732 | 1.20E-12 | 2834 | 1.54E-12 | 2936 | 2.36E-12 | 3038 | 2.84E-12 | 3140 | 2.84E-12 |
| 2020 | -2.57E-13 | 2122 | 6.74E-13 | 2224 | 4.57E-13 | 2326 | 4.66E-13 | 2428 | 3.69E-13 | 2530 | 1.68E-13 | 2632 | 5.24E-13 | 2734 | 1.09E-12 | 2836 | 1.52E-12 | 2938 | 2.32E-12 | 3040 | 2.91E-12 | 3142 | 2.64E-12 |
| 2022 | 5.14E-14 | 2124 | 1.26E-13 | 2226 | 4.04E-13 | 2328 | 3.91E-13 | 2430 | 3.91E-13 | 2532 | 2.06E-13 | 2634 | 7.60E-13 | 2736 | 9.28E-13 | 2838 | 1.52E-12 | 2940 | 2.33E-12 | 3042 | 2.99E-12 | 3144 | 2.55E-12 |
| 2024 | 1.97E-13 | 2126 | 7.75E-14 | 2228 | 3.60E-13 | 2330 | 2.83E-13 | 2432 | 3.86E-13 | 2534 | 2.92E-13 | 2636 | 1.01E-12 | 2738 | 7.88E-13 | 2840 | 1.54E-12 | 2942 | 2.30E-12 | 3044 | 3.03E-12 | 3146 | 2.71E-12 |
| 2026 | 2.89E-14 | 2128 | 4.48E-13 | 2230 | 4.92E-13 | 2332 | 2.82E-13 | 2434 | 3.43E-13 | 2536 | 2.31E-13 | 2638 | 1.23E-12 | 2740 | 6.90E-13 | 2842 | 1.48E-12 | 2944 | 2.30E-12 | 3046 | 3.03E-12 | 3148 | 2.97E-12 |
| 2028 | -2.63E-13 | 2130 | 3.67E-13 | 2232 | 5.25E-13 | 2334 | 3.30E-13 | 2436 | 2.68E-13 | 2538 | 1.88E-13 | 2640 | 1.39E-12 | 2742 | 6.19E-13 | 2844 | 1.33E-12 | 2946 | 2.23E-12 | 3048 | 3.04E-12 | 3150 | 3.00E-12 |
| 2030 | -4.25E-14 | 2132 | 1.98E-13 | 2234 | 3.25E-13 | 2336 | 3.99E-13 | 2438 | 4.12E-13 | 2540 | 2.08E-13 | 2642 | 1.43E-12 | 2744 | 5.78E-13 | 2846 | 1.12E-12 | 2948 | 2.21E-12 | 3050 | 3.09E-12 | 3152 | 2.78E-12 |
| 2032 | -5.89E-14 | 2134 | 2.49E-14 | 2236 | 3.23E-13 | 2338 | 3.32E-13 | 2440 | 4.18E-13 | 2542 | 2.58E-13 | 2644 | 1.39E-12 | 2746 | 6.20E-13 | 2848 | | 2950 | 2.34E-12 | 3052 | 3.09E-12 | 3154 | 2.44E-12 |
| 2034 | -1.53E-13 | 2136 | 9.39E-14 | 2238 | 4.87E-13 | 2340 | 2.39E-13 | 2442 | 3.34E-13 | 2544 | 2.71E-13 | 2646 | | 2748 | 6.48E-13 | 2850 | | 2952 | 2.49E-12 | 3054 | | 3156 | 2.25E-12 |
| 2036 | 8.78E-14 | 2138 | 2.06E-13 | 2240 | 5.22E-13 | 2342 | 1.76E-13 | 2444 | 3.06E-13 | 2546 | 2.35E-13 | 2648 | 1.11E-12 | 2750 | 6.92E-13 | 2852 | | 2954 | 2.52E-12 | 3056 | | 3158 | 2.29E-12 |
| 2038 | 2.10E-14 | 2140 | 1.14E-13 | 2242 | 4.98E-13 | 2344 | 1.65E-13 | 2446 | 3.48E-13 | 2548 | 2.73E-13 | 2650 | 1.16E-12 | 2752 | 7.93E-13 | 2854 | | 2956 | 2.57E-12 | 3058 | | 3160 | 2.41E-12 |
| 2040 | -2.50E-13 | 2142 | 1.90E-13 | 2244 | 2.86E-13 | 2346 | 1.85E-13 | 2448 | 3.42E-13 | 2550 | 3.11E-13 | 2652 | 1.30E-12 | 2754 | 8.39E-13 | 2856 | 1.10E-12 | 2958 | 2.64E-12 | 3060 | | 3162 | 2.58E-12 |
| 2042 | 1.54E-13 | 2144 | 1.81E-13 | 2246 | 3.31E-13 | 2348 | 2.06E-13 | 2450 | 2.92E-13 | 2552 | 3.51E-13 | 2654 | 1.42E-12 | 2756 | 8.81E-13 | 2858 | 1.28E-12 | 2960 | 2.66E-12 | 3062 | 2.66E-12 | 3164 | 2.80E-12 |
| 2044 | 2.98E-13 | 2146 | 2.62E-13 | 2248 | 5.41E-13 | 2350 | 2.77E-13 | 2452 | 3.07E-13 | 2554 | 3.95E-13 | 2656 | 1.41E-12 | 2758 | 9.95E-13 | 2860 | 1.55E-12 | 2962 | 2.55E-12 | 3064 | 2.60E-12 | 3166 | 3.03E-12 |
| 2046 | -6.86E-14 | 2148 | 3.49E-13 | 2250 | 5.56E-13 | 2352 | 3.46E-13 | 2454 | 2.92E-13 | 2556 | 4.20E-13 | 2658 | 1.38E-12 | 2760 | 1.10E-12 | 2862 | 1.65E-12 | 2964 | 2.28E-12 | 3066 | 2.58E-12 | 3168 | 3.20E-12 |
| 2048 | -2.60E-14 | 2150 | 2.69E-13 | 2252 | 3.59E-13 | 2354 | 3.20E-13 | 2456 | 2.38E-13 | 2558 | 4.84E-13 | 2660 | 1.38E-12 | 2762 | 1.14E-12 | 2864 | 1.64E-12 | 2966 | 2.07E-12 | 3068 | 2.68E-12 | 3170 | 3.34E-12 |
| 2050 | -5.56E-15 | 2152 | 1.11E-13 | 2254 | 4.03E-13 | 2356 | 2.94E-13 | 2458 | 2.73E-13 | 2560 | 4.76E-13 | 2662 | 1.25E-12 | 2764 | 1.16E-12 | 2866 | 1.64E-12 | 2968 | 2.07E-12 | 3070 | 2.78E-12 | 3172 | 3.34E-12 |
| 2052 | 2.61E-14 | 2154 | 4.25E-13 | 2256 | 5.34E-13 | 2358 | 2.88E-13 | 2460 | 2.43E-13 | 2562 | 4.58E-13 | 2664 | 1.20E-12 | 2766 | 1.19E-12 | 2868 | 1.66E-12 | 2970 | 2.17E-12 | 3072 | 2.80E-12 | 3174 | 3.18E-12 |
| 2054 | 2.84E-13 | 2156 | 3.82E-13 | 2258 | 4.76E-13 | 2360 | 2.81E-13 | 2462 | 1.85E-13 | 2564 | 4.79E-13 | 2666 | 1.24E-12 | 2768 | 1.20E-12 | 2870 | 1.69E-12 | 2972 | 2.31E-12 | 3074 | 2.88E-12 | 3176 | 2.96E-12 |
| 2056 | 3.40E-13 | 2158 | 2.10E-13 | 2260 | 2.58E-13 | 2362 | 2.12E-13 | 2464 | 1.73E-13 | 2566 | 5.34E-13 | 2668 | 1.27E-12 | 2770 | 1.16E-12 | 2872 | 1.81E-12 | 2974 | 2.47E-12 | 3076 | 2.89E-12 | 3178 | 2.73E-12 |
| 2058 | 4.09E-13 | 2160 | 3.95E-13 | 2262 | 2.79E-13 | 2364 | 1.45E-13 | 2466 | 2.52E-13 | 2568 | 6.34E-13 | 2670 | 1.26E-12 | 2772 | 1.19E-12 | 2874 | 1.81E-12 | 2976 | 2.59E-12 | 3078 | 2.87E-12 | 3180 | 2.63E-12 |
| 2060 | 3.00E-13 | 2162 | 2.86E-13 | 2264 | 4.29E-13 | 2366 | 2.04E-13 | 2468 | 2.76E-13 | 2570 | 6.77E-13 | 2672 | 1.25E-12 | 2774 | 1.21E-12 | 2876 | 1.69E-12 | 2978 | 2.56E-12 | 3080 | 2.83E-12 | 3182 | 2.69E-12 |
| 2062 | -6.84E-14 | 2164 | 1.68E-13 | 2266 | 3.78E-13 | 2368 | 2.35E-13 | 2470 | 2.94E-13 | 2572 | 6.79E-13 | 2674 | 1.30E-12 | 2776 | 1.16E-12 | 2878 | 1.49E-12 | 2980 | 2.31E-12 | 3082 | 2.84E-12 | 3184 | 2.86E-12 |
| 2064 | -1.83E-13 | 2166 | 2.27E-13 | 2268 | 2.32E-13 | 2370 | 2.25E-13 | 2472 | 2.57E-13 | 2574 | 6.68E-13 | 2676 | 1.34E-12 | 2778 | 1.01E-12 | 2880 | 1.32E-12 | 2982 | 1.99E-12 | 3084 | 2.90E-12 | 3186 | 2.97E-12 |
| 2066 | 1.38E-13 | 2168 | 7.86E-14 | 2270 | 1.29E-13 | 2372 | 2.34E-13 | 2474 | 2.81E-13 | 2576 | 6.04E-13 | 2678 | 1.33E-12 | 2780 | 8.39E-13 | 2882 | 1.37E-12 | 2984 | 1.93E-12 | 3086 | 2.80E-12 | 3188 | 2.96E-12 |
| 2068 | -1.73E-14 | 2170 | 3.01E-13 | 2272 | 1.75E-13 | 2374 | 2.37E-13 | 2476 | 2.87E-13 | 2578 | 5.76E-13 | 2680 | 1.30E-12 | 2782 | 7.55E-13 | 2884 | 1.56E-12 | 2986 | 2.09E-12 | 3088 | 2.56E-12 | 3190 | 2.94E-12 |
| 2070 | -8.67E-14 | 2172 | 3.04E-13 | 2274 | 2.56E-13 | 2376 | 2.39E-13 | 2478 | 3.79E-13 | 2580 | 6.76E-13 | 2682 | 1.30E-12 | 2784 | 6.97E-13 | 2886 | 1.74E-12 | 2988 | 2.32E-12 | 3090 | 2.37E-12 | 3192 | 2.92E-12 |
| 2072 | 4.21E-14 | 2174 | 1.95E-13 | 2276 | 3.43E-13 | 2378 | 2.44E-13 | 2480 | 3.25E-13 | 2582 | 6.62E-13 | 2684 | 1.31E-12 | 2786 | 6.09E-13 | 2888 | 1.86E-12 | 2990 | 2.48E-12 | 3092 | 2.20E-12 | 3194 | 2.98E-12 |
| 2074 | 1.21E-13 | 2176 | 3.17E-13 | 2278 | 2.32E-13 | 2380 | 2.32E-13 | 2482 | 2.33E-13 | 2584 | 5.87E-13 | 2686 | 1.31E-12 | 2788 | 5.15E-13 | 2890 | 1.91E-12 | 2992 | 2.42E-12 | 3094 | 2.19E-12 | 3196 | 3.17E-12 |
| 2076 | 4.20E-13 | 2178 | 3.08E-13 | 2280 | 2.16E-13 | 2382 | 1.60E-13 | 2484 | 2.28E-13 | 2586 | 5.34E-13 | 2688 | 1.30E-12 | 2790 | 4.06E-13 | 2892 | 1.99E-12 | 2994 | 2.30E-12 | 3096 | 2.20E-12 | 3198 | 3.40E-12 |


HD 152792 G0 V
V=6.81 (B-V)=0.65 E(B-V)=0.05
LAP: LWP 8447
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 157214 G0 V V=5.39 (B-V)=0.62 E(B-V)=0.02**

**LAP: LWP 12512**

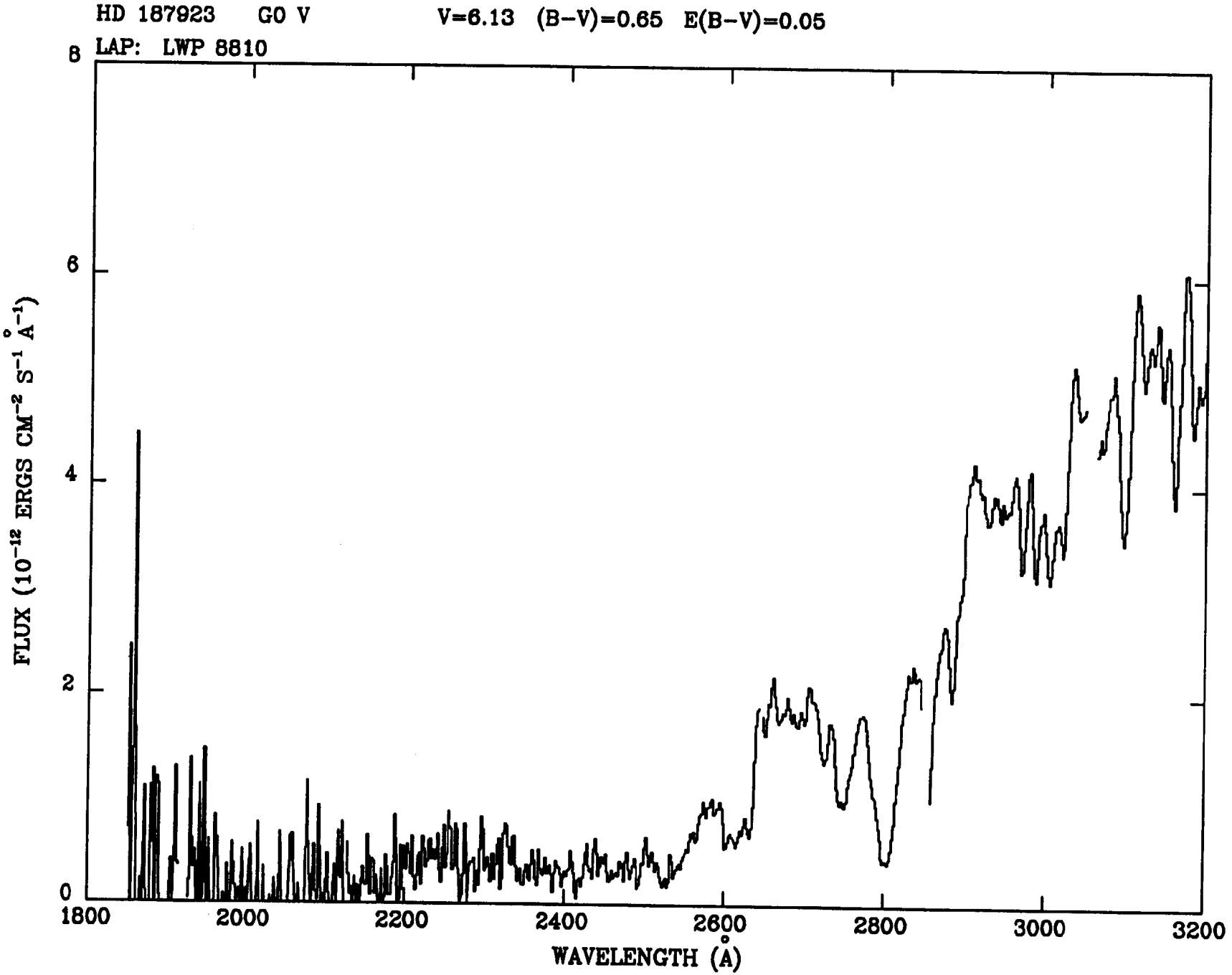
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 9.02E-13 | 2078 | 1.06E-12 | 2180 | 2.93E-13 | 2282 | 9.84E-13 | 2384 | 5.15E-13 | 2486 | 8.11E-13 | 2588 | 2.29E-12 | 2690 | 4.17E-12 | 2792 | 1.18E-12 | 2894 | 6.78E-12 | 2996 | 6.93E-12 | 3098 | 7.46E-12 |
| 1978 | 6.82E-13 | 2080 | -3.15E-13 | 2182 | 4.92E-13 | 2284 | 1.22E-12 | 2386 | 5.46E-13 | 2488 | 8.07E-13 | 2590 | 2.57E-12 | 2692 | 4.26E-12 | 2794 | 1.03E-12 | 2896 | 7.17E-12 | 2998 | 6.48E-12 | 3100 | 8.10E-12 |
| 1980 | -4.89E-13 | 2082 | -7.45E-13 | 2184 | 4.15E-13 | 2286 | 1.52E-12 | 2388 | 6.75E-13 | 2490 | 6.85E-13 | 2592 | 2.39E-12 | 2694 | 4.26E-12 | 2796 | 8.69E-13 | 2898 | 8.14E-12 | 3000 | 6.24E-12 | 3102 | 9.04E-12 |
| 1982 | -6.14E-14 | 2084 | 1.09E-13 | 2186 | 7.67E-13 | 2288 | 8.14E-13 | 2390 | 8.46E-13 | 2492 | 7.68E-13 | 2594 | 2.04E-12 | 2696 | 4.37E-12 | 2798 | 7.72E-13 | 2900 | 8.66E-12 | 3002 | 6.62E-12 | 3104 | 9.88E-12 |
| 1984 | 5.98E-13 | 2086 | 9.73E-13 | 2188 | 1.64E-12 | 2290 | 5.60E-13 | 2392 | 8.96E-13 | 2494 | 8.07E-13 | 2596 | 1.75E-12 | 2698 | 4.42E-12 | 2800 | 8.79E-13 | 2902 | 8.62E-12 | 3004 | 6.93E-12 | 3106 | 1.05E-11 |
| 1986 | 1.05E-12 | 2088 | 4.12E-13 | 2190 | 1.36E-13 | 2292 | 2.53E-13 | 2394 | 7.99E-13 | 2496 | 9.40E-13 | 2598 | 1.57E-12 | 2700 | 4.93E-12 | 2802 | 9.86E-13 | 2904 | 8.51E-12 | 3006 | 7.23E-12 | 3108 | 1.10E-11 |
| 1988 | -2.77E-14 | 2090 | -6.20E-13 | 2192 | -4.94E-13 | 2294 | 1.18E-12 | 2396 | 8.78E-13 | 2498 | 1.26E-12 | 2600 | 1.42E-12 | 2702 | 5.11E-12 | 2804 | 1.12E-12 | 2906 | 8.48E-12 | 3008 | 7.37E-12 | 3110 | 1.12E-11 |
| 1990 | -2.29E-13 | 2092 | 5.76E-13 | 2194 | 4.16E-13 | 2296 | 1.71E-12 | 2398 | 8.46E-13 | 2500 | 1.10E-12 | 2602 | 1.53E-12 | 2704 | 4.91E-12 | 2806 | 1.28E-12 | 2908 | 8.39E-12 | 3010 | 7.65E-12 | 3112 | 1.06E-11 |
| 1992 | 4.49E-13 | 2094 | 2.78E-13 | 2196 | 5.20E-13 | 2298 | 7.86E-13 | 2400 | 9.55E-13 | 2502 | 1.13E-12 | 2604 | 1.74E-12 | 2706 | 4.79E-12 | 2808 | 1.51E-12 | 2910 | 8.51E-12 | 3012 | 7.56E-12 | 3114 | 1.00E-11 |
| 1994 | 6.73E-13 | 2096 | 1.24E-13 | 2198 | 5.74E-13 | 2300 | 5.14E-13 | 2402 | 8.72E-13 | 2504 | 1.12E-12 | 2606 | 1.68E-12 | 2708 | 4.55E-12 | 2810 | 1.90E-12 | 2912 | 8.56E-12 | 3014 | 7.20E-12 | 3116 | 9.39E-12 |
| 1996 | 1.08E-12 | 2098 | 1.11E-12 | 2200 | 5.44E-13 | 2302 | 8.18E-13 | 2404 | 6.75E-13 | 2506 | 7.98E-13 | 2608 | 1.55E-12 | 2710 | 4.46E-12 | 2812 | 2.28E-12 | 2914 | 8.23E-12 | 3016 | 6.81E-12 | 3118 | 8.92E-12 |
| 1998 | -7.48E-14 | 2100 | 4.29E-13 | 2202 | 6.37E-13 | 2304 | 8.20E-13 | 2406 | 4.13E-13 | 2508 | 7.65E-13 | 2610 | 1.46E-12 | 2712 | 4.41E-12 | 2814 | 2.52E-12 | 2916 | 7.87E-12 | 3018 | 6.65E-12 | 3120 | 9.04E-12 |
| 2000 | 5.01E-14 | 2102 | 4.87E-13 | 2204 | 1.05E-12 | 2306 | 7.13E-13 | 2408 | 7.17E-13 | 2510 | 1.00E-12 | 2612 | 1.43E-12 | 2714 | 4.31E-12 | 2816 | 2.87E-12 | 2918 | 7.71E-12 | 3020 | 7.14E-12 | 3122 | 9.39E-12 |
| 2002 | 3.76E-13 | 2104 | 6.21E-13 | 2206 | 6.69E-13 | 2308 | 9.55E-13 | 2410 | 7.26E-13 | 2512 | 9.56E-13 | 2614 | 1.49E-12 | 2716 | 4.04E-12 | 2818 | 3.28E-12 | 2920 | 7.75E-12 | 3022 | 7.98E-12 | 3124 | 9.58E-12 |
| 2004 | 1.09E-12 | 2106 | -1.31E-13 | 2208 | 8.51E-13 | 2310 | 1.18E-12 | 2412 | 6.19E-13 | 2514 | 6.24E-13 | 2616 | 1.69E-12 | 2718 | 3.40E-12 | 2820 | 3.58E-12 | 2922 | 7.82E-12 | 3024 | 8.71E-12 | 3126 | 9.54E-12 |
| 2006 | -6.96E-14 | 2108 | -4.89E-13 | 2210 | 1.07E-12 | 2312 | 7.00E-13 | 2414 | 7.46E-13 | 2516 | 6.35E-13 | 2618 | 2.05E-12 | 2720 | 2.94E-12 | 2822 | 3.84E-12 | 2924 | 7.47E-12 | 3026 | 9.26E-12 | 3128 | 9.47E-12 |
| 2008 | -1.31E-12 | 2110 | 2.48E-13 | 2212 | -2.19E-13 | 2314 | 3.79E-13 | 2416 | 8.50E-13 | 2518 | 7.33E-13 | 2620 | 2.24E-12 | 2722 | 3.00E-12 | 2824 | 4.04E-12 | 2926 | 7.39E-12 | 3028 | 9.69E-12 | 3130 | 9.48E-12 |
| 2010 | -1.95E-13 | 2112 | 6.72E-13 | 2214 | -5.07E-14 | 2316 | 5.03E-13 | 2418 | 1.15E-12 | 2520 | 4.71E-13 | 2622 | 2.24E-12 | 2724 | 3.39E-12 | 2826 | 4.12E-12 | 2928 | 7.88E-12 | 3030 | 1.02E-11 | 3132 | 9.74E-12 |
| 2012 | -2.09E-13 | 2114 | 4.80E-15 | 2216 | 4.74E-13 | 2318 | 1.11E-12 | 2420 | 1.26E-12 | 2522 | 5.60E-13 | 2624 | 2.20E-12 | 2726 | 3.61E-12 | 2828 | 4.31E-12 | 2930 | 8.48E-12 | 3032 | 1.04E-11 | 3134 | 1.01E-11 |
| 2014 | 1.54E-12 | 2116 | 1.62E-12 | 2218 | 4.40E-13 | 2320 | 8.94E-13 | 2422 | 1.26E-12 | 2524 | 6.24E-13 | 2626 | 1.98E-12 | 2728 | 3.88E-12 | 2830 | 4.47E-12 | 2932 | 8.60E-12 | 3034 | 9.75E-12 | 3136 | 1.04E-11 |
| 2016 | 1.52E-12 | 2118 | 9.87E-13 | 2220 | 9.77E-14 | 2322 | 8.25E-13 | 2424 | 1.15E-12 | 2526 | 6.94E-13 | 2628 | 1.69E-12 | 2730 | 4.19E-12 | 2832 | 4.49E-12 | 2934 | 8.34E-12 | 3036 | 8.99E-12 | 3138 | 1.04E-11 |
| 2018 | -4.03E-13 | 2120 | 6.80E-13 | 2222 | 4.25E-13 | 2324 | 1.19E-12 | 2426 | 1.13E-12 | 2528 | 6.77E-13 | 2630 | 1.85E-12 | 2732 | 4.02E-12 | 2834 | 4.50E-12 | 2936 | 7.77E-12 | 3038 | 8.59E-12 | 3140 | 9.91E-12 |
| 2020 | -4.78E-13 | 2122 | 1.85E-12 | 2224 | 9.65E-13 | 2326 | 1.22E-12 | 2428 | 1.42E-12 | 2530 | 5.55E-13 | 2632 | 2.10E-12 | 2734 | 3.66E-12 | 2836 | 4.31E-12 | 2938 | 7.52E-12 | 3040 | 8.63E-12 | 3142 | 9.50E-12 |
| 2022 | 7.41E-13 | 2124 | 5.14E-14 | 2226 | 7.19E-13 | 2328 | 7.25E-13 | 2430 | 1.34E-12 | 2532 | 6.88E-13 | 2634 | 2.79E-12 | 2736 | 3.23E-12 | 2838 | 4.15E-12 | 2940 | 7.54E-12 | 3042 | 8.90E-12 | 3144 | 9.50E-12 |
| 2024 | 9.73E-13 | 2126 | 1.29E-12 | 2228 | 7.15E-13 | 2330 | 7.73E-13 | 2432 | 1.17E-12 | 2534 | 9.42E-13 | 2636 | 3.88E-12 | 2738 | 2.84E-12 | 2840 | 4.16E-12 | 2942 | 7.68E-12 | 3044 | 9.23E-12 | 3146 | 9.80E-12 |
| 2026 | 3.97E-13 | 2128 | 2.43E-12 | 2230 | 1.09E-12 | 2332 | 8.18E-13 | 2434 | 1.09E-12 | 2536 | 7.46E-13 | 2638 | 4.53E-12 | 2740 | 2.48E-12 | 2842 | 3.97E-12 | 2944 | 7.76E-12 | 3046 | 9.26E-12 | 3148 | 1.04E-11 |
| 2028 | -2.61E-13 | 2130 | 9.80E-13 | 2232 | 1.14E-12 | 2334 | 9.76E-13 | 2436 | 7.57E-13 | 2538 | 7.39E-13 | 2640 | 4.98E-12 | 2742 | 2.23E-12 | 2844 | 3.51E-12 | 2946 | 7.46E-12 | 3048 | 9.54E-12 | 3150 | 1.06E-11 |
| 2030 | 7.32E-15 | 2132 | 6.02E-14 | 2234 | 5.70E-13 | 2336 | 9.71E-13 | 2438 | 9.97E-13 | 2540 | 8.72E-13 | 2642 | 5.29E-12 | 2744 | 2.06E-12 | 2846 | 2.96E-12 | 2948 | 7.58E-12 | 3050 | 9.60E-12 | 3152 | 1.01E-11 |
| 2032 | -4.14E-15 | 2134 | -3.32E-13 | 2236 | 6.40E-13 | 2338 | 9.57E-13 | 2440 | 9.16E-13 | 2542 | 1.00E-12 | 2644 | | 2746 | 2.16E-12 | 2848 | | 2950 | 8.07E-12 | 3052 | | 3154 | 9.20E-12 |
| 2034 | -3.94E-13 | 2136 | 6.90E-13 | 2238 | 9.86E-13 | 2340 | 8.18E-13 | 2442 | 8.85E-13 | 2544 | 9.94E-13 | 2646 | | 2748 | 2.21E-12 | 2850 | | 2952 | 8.35E-12 | 3054 | | 3156 | 8.35E-12 |
| 2036 | 9.09E-14 | 2138 | 1.50E-12 | 2240 | 9.99E-13 | 2342 | 4.22E-13 | 2444 | 9.51E-13 | 2546 | 8.11E-13 | 2648 | | 2750 | 2.39E-12 | 2852 | | 2954 | 8.38E-12 | 3056 | | 3158 | 8.13E-12 |
| 2038 | 6.40E-14 | 2140 | 1.03E-12 | 2242 | 8.51E-13 | 2344 | 3.29E-13 | 2446 | 1.09E-12 | 2548 | 9.27E-13 | 2650 | 4.42E-12 | 2752 | 2.66E-12 | 2854 | | 2956 | 8.70E-12 | 3058 | | 3160 | 8.54E-12 |
| 2040 | -6.52E-13 | 2142 | 8.31E-13 | 2244 | 3.41E-13 | 2346 | 5.88E-13 | 2448 | 1.02E-12 | 2550 | 1.13E-12 | 2652 | 4.75E-12 | 2754 | 2.95E-12 | 2856 | 2.72E-12 | 2958 | 9.00E-12 | 3060 | | 3162 | 9.28E-12 |
| 2042 | 2.31E-13 | 2144 | 4.96E-13 | 2246 | 8.21E-13 | 2348 | 4.99E-13 | 2450 | 8.43E-13 | 2552 | 1.34E-12 | 2654 | 5.09E-12 | 2756 | 3.05E-12 | 2858 | 3.15E-12 | 2960 | 8.82E-12 | 3062 | 8.12E-12 | 3164 | 1.01E-11 |
| 2044 | 3.47E-13 | 2146 | 1.06E-12 | 2248 | 1.37E-12 | 2350 | 4.28E-13 | 2452 | 8.29E-13 | 2554 | 1.46E-12 | 2656 | 4.96E-12 | 2758 | 3.36E-12 | 2860 | 3.86E-12 | 2962 | 8.03E-12 | 3064 | 7.97E-12 | 3166 | 1.09E-11 |
| 2046 | -8.88E-13 | 2148 | 1.70E-12 | 2250 | 1.07E-12 | 2352 | 8.07E-13 | 2454 | 8.13E-13 | 2556 | 1.50E-12 | 2658 | 5.12E-12 | 2760 | 3.67E-12 | 2862 | 4.42E-12 | 2964 | 7.29E-12 | 3066 | 8.25E-12 | 3168 | 1.14E-11 |
| 2048 | -4.19E-13 | 2150 | 1.24E-12 | 2252 | 7.08E-13 | 2354 | 7.91E-13 | 2456 | 7.20E-13 | 2558 | 1.76E-12 | 2660 | 5.09E-12 | 2762 | 3.80E-12 | 2864 | 4.82E-12 | 2966 | 6.89E-12 | 3068 | 8.77E-12 | 3170 | 1.17E-11 |
| 2050 | -3.70E-13 | 2152 | 2.57E-13 | 2254 | 1.04E-12 | 2356 | 6.46E-13 | 2458 | 9.20E-13 | 2560 | 1.72E-12 | 2662 | 4.65E-12 | 2764 | 3.91E-12 | 2866 | 5.01E-12 | 2968 | 6.88E-12 | 3070 | 8.95E-12 | 3172 | 1.18E-11 |
| 2052 | -5.60E-14 | 2154 | 2.12E-12 | 2256 | 1.04E-12 | 2358 | 8.38E-13 | 2460 | 8.64E-13 | 2562 | 1.57E-12 | 2664 | 4.39E-12 | 2766 | 3.90E-12 | 2868 | 5.08E-12 | 2970 | 7.17E-12 | 3072 | 9.05E-12 | 3174 | 1.14E-11 |
| 2054 | 6.73E-13 | 2156 | 7.75E-13 | 2258 | 9.77E-13 | 2360 | 1.02E-12 | 2462 | 7.03E-13 | 2564 | 1.63E-12 | 2666 | 4.44E-12 | 2768 | 3.79E-12 | 2870 | 5.18E-12 | 2972 | 7.75E-12 | 3074 | 9.06E-12 | 3176 | 1.02E-11 |
| 2056 | 4.34E-13 | 2158 | 3.33E-13 | 2260 | 3.75E-13 | 2362 | 6.70E-13 | 2464 | 7.58E-13 | 2566 | 1.74E-12 | 2668 | 4.13E-12 | 2770 | 3.62E-12 | 2872 | 5.38E-12 | 2974 | 8.52E-12 | 3076 | 8.87E-12 | 3178 | 9.17E-12 |
| 2058 | 5.75E-13 | 2160 | 1.38E-12 | 2262 | 4.44E-13 | 2364 | 3.47E-13 | 2466 | 1.00E-12 | 2568 | 2.13E-12 | 2670 | 4.14E-12 | 2772 | 3.52E-12 | 2874 | 5.35E-12 | 2976 | 8.98E-12 | 3078 | 8.90E-12 | 3180 | 9.26E-12 |
| 2060 | 4.54E-13 | 2162 | 7.34E-13 | 2264 | 1.04E-12 | 2366 | 7.47E-13 | 2468 | 9.37E-13 | 2570 | 2.44E-12 | 2672 | 4.48E-12 | 2774 | 3.33E-12 | 2876 | 4.91E-12 | 2978 | 8.54E-12 | 3080 | 9.02E-12 | 3182 | 1.01E-11 |
| 2062 | -8.02E-13 | 2164 | 3.30E-13 | 2266 | 6.85E-13 | 2368 | 8.88E-13 | 2470 | 1.04E-12 | 2572 | 2.42E-12 | 2674 | 4.80E-12 | 2776 | 2.85E-12 | 2878 | 4.42E-12 | 2980 | 7.60E-12 | 3082 | 9.15E-12 | 3184 | 1.09E-11 |
| 2064 | -7.65E-13 | 2166 | 1.52E-13 | 2268 | 2.42E-13 | 2370 | 6.35E-13 | 2472 | 9.48E-13 | 2574 | 2.31E-12 | 2676 | 4.84E-12 | 2778 | 2.43E-12 | 2880 | 4.12E-12 | 2982 | 6.91E-12 | 3084 | 9.24E-12 | 3186 | 1.12E-11 |
| 2066 | 4.64E-13 | 2168 | 3.38E-13 | 2270 | 3.99E-13 | 2372 | 6.92E-13 | 2474 | 9.12E-13 | 2576 | 2.14E-12 | 2678 | 4.60E-12 | 2780 | 2.33E-12 | 2882 | 4.42E-12 | 2984 | 6.74E-12 | 3086 | 8.82E-12 | 3188 | 1.10E-11 |
| 2068 | 4.20E-13 | 2170 | 1.35E-12 | 2272 | 3.53E-13 | 2374 | 6.88E-13 | 2476 | 7.40E-13 | 2578 | 2.22E-12 | 2680 | 4.47E-12 | 2782 | 2.21E-12 | 2884 | 5.10E-12 | 2986 | 7.10E-12 | 3088 | 8.06E-12 | 3190 | 1.07E-11 |
| 2070 | -7.26E-13 | 2172 | 4.10E-13 | 2274 | 5.69E-13 | 2376 | 5.82E-13 | 2478 | 1.01E-12 | 2580 | 2.71E-12 | 2682 | 4.53E-12 | 2784 | 2.07E-12 | 2886 | 5.63E-12 | 2988 | 7.62E-12 | 3090 | 7.64E-12 | 3192 | 1.05E-11 |
| 2072 | -5.87E-13 | 2174 | -4.87E-14 | 2276 | 9.40E-13 | 2378 | 4.84E-13 | 2480 | 8.82E-13 | 2582 | 2.56E-12 | 2684 | 4.57E-12 | 2786 | 1.79E-12 | 2888 | 6.13E-12 | 2990 | 7.91E-12 | 3092 | 7.23E-12 | 3194 | 1.06E-11 |
| 2074 | -1.47E-13 | 2176 | 1.09E-12 | 2278 | 2.52E-13 | 2380 | 6.21E-13 | 2482 | 5.87E-13 | 2584 | 2.16E-12 | 2686 | 4.50E-12 | 2788 | 1.56E-12 | 2890 | 6.50E-12 | 2992 | 7.65E-12 | 3094 | 7.21E-12 | 3196 | 1.11E-11 |
| 2076 | 1.53E-12 | 2178 | 5.46E-13 | 2280 | 3.46E-13 | 2382 | 5.10E-13 | 2484 | 6.88E-13 | 2586 | 2.06E-12 | 2688 | 4.33E-12 | 2790 | 1.34E-12 | 2892 | 6.70E-12 | 2994 | 7.23E-12 | 3096 | 7.55E-12 | 3198 | 1.15E-11 |


HD 157214 G0 V
V=5.39 (B-V)=0.62 E(B-V)=0.02
LAP: LWP 12512
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH ($\AA$)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

**HD 187923 G0 V V=6.13 (B-V)=0.65 E(B-V)=0.05**

**LAP: LWP 8810**

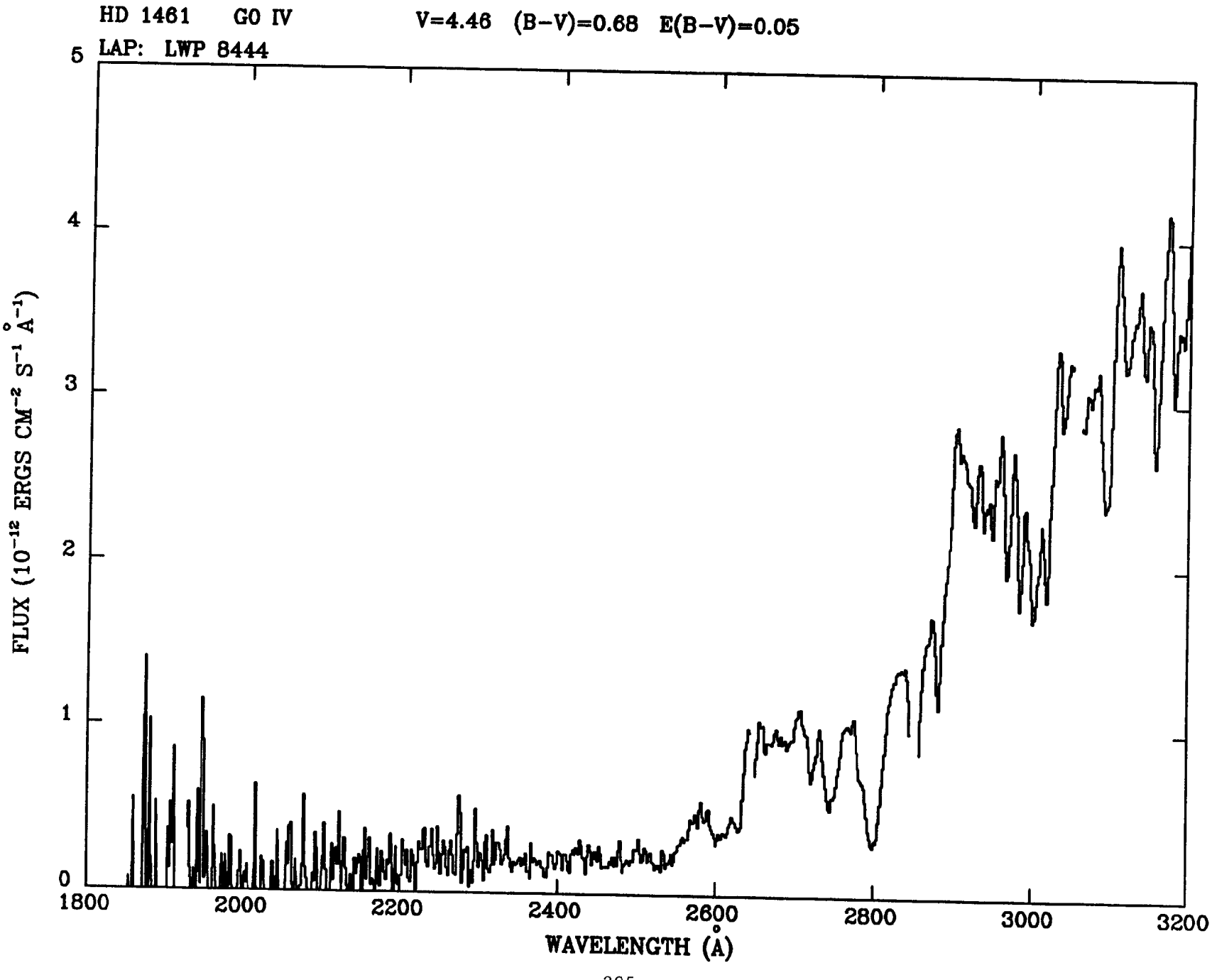
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.16E-13 | 2078 | 8.72E-13 | 2180 | 7.93E-14 | 2282 | 3.81E-13 | 2384 | 2.57E-13 | 2486 | 3.47E-13 | 2588 | 8.77E-13 | 2690 | 1.74E-12 | 2792 | 8.09E-13 | 2894 | 3.00E-12 | 2996 | 3.73E-12 | 3098 | 3.49E-12 |
| 1978 | 3.12E-14 | 2080 | 4.03E-13 | 2182 | 1.05E-13 | 2284 | 3.94E-13 | 2386 | 1.64E-13 | 2488 | 4.22E-13 | 2590 | 9.04E-13 | 2692 | 1.72E-12 | 2794 | 7.04E-13 | 2896 | 3.17E-12 | 2998 | 3.69E-12 | 3100 | 3.64E-12 |
| 1980 | -1.48E-13 | 2082 | -1.51E-14 | 2184 | 2.69E-13 | 2286 | 4.23E-13 | 2388 | 3.31E-13 | 2490 | 3.70E-13 | 2592 | 9.31E-13 | 2694 | 1.78E-12 | 2796 | 5.46E-13 | 2898 | 3.60E-12 | 3000 | 3.47E-12 | 3102 | 3.90E-12 |
| 1982 | 3.93E-13 | 2084 | 1.81E-13 | 2186 | 4.98E-13 | 2288 | 1.78E-13 | 2390 | 3.94E-13 | 2492 | 1.78E-13 | 2594 | 9.62E-13 | 2696 | 1.86E-12 | 2798 | 4.37E-13 | 2900 | 3.87E-12 | 3002 | 3.25E-12 | 3104 | 4.27E-12 |
| 1984 | 4.04E-13 | 2086 | 4.99E-13 | 2188 | 7.62E-13 | 2290 | 2.80E-13 | 2392 | 3.57E-13 | 2494 | 1.93E-13 | 2596 | 9.62E-13 | 2698 | 1.80E-12 | 2800 | 4.30E-13 | 2902 | 3.97E-12 | 3004 | 3.12E-12 | 3106 | 4.75E-12 |
| 1986 | 1.83E-13 | 2088 | 1.98E-13 | 2190 | 2.89E-13 | 2292 | 1.83E-13 | 2394 | 3.14E-13 | 2496 | 2.83E-13 | 2598 | 8.48E-13 | 2700 | 1.75E-12 | 2802 | 4.22E-13 | 2904 | 4.06E-12 | 3006 | 3.17E-12 | 3108 | 5.24E-12 |
| 1988 | 3.79E-14 | 2090 | 4.27E-14 | 2192 | -8.94E-14 | 2294 | 5.32E-13 | 2396 | 2.21E-13 | 2498 | 3.94E-13 | 2600 | 6.33E-13 | 2702 | 1.84E-12 | 2804 | 4.08E-13 | 2906 | 4.10E-12 | 3008 | 3.33E-12 | 3110 | 5.61E-12 |
| 1990 | 1.11E-13 | 2092 | 8.89E-13 | 2194 | 3.21E-13 | 2296 | 8.21E-13 | 2398 | 2.25E-13 | 2500 | 4.28E-13 | 2602 | 5.49E-13 | 2704 | 2.04E-12 | 2806 | 4.39E-13 | 2908 | 4.18E-12 | 3010 | 3.51E-12 | 3112 | 5.82E-12 |
| 1992 | 1.07E-13 | 2094 | 4.96E-13 | 2196 | 2.98E-13 | 2298 | 6.47E-13 | 2400 | 2.94E-13 | 2502 | 5.74E-13 | 2604 | 5.95E-13 | 2706 | 2.10E-12 | 2808 | 5.23E-13 | 2910 | 4.17E-12 | 3012 | 3.63E-12 | 3114 | 5.83E-12 |
| 1994 | 1.02E-13 | 2096 | -1.71E-13 | 2198 | 4.00E-13 | 2300 | 3.23E-13 | 2402 | 2.79E-13 | 2504 | 5.86E-13 | 2606 | 6.56E-13 | 2708 | 2.03E-12 | 2810 | 6.58E-13 | 2912 | 4.09E-12 | 3014 | 3.64E-12 | 3116 | 5.68E-12 |
| 1996 | 1.66E-13 | 2098 | 6.25E-14 | 2200 | 3.87E-13 | 2302 | 3.74E-13 | 2404 | 3.13E-13 | 2506 | 4.33E-13 | 2608 | 6.85E-13 | 2710 | 1.96E-12 | 2812 | 8.16E-13 | 2914 | 4.10E-12 | 3016 | 3.65E-12 | 3118 | 5.39E-12 |
| 1998 | -6.40E-13 | 2100 | 5.60E-14 | 2202 | 3.21E-13 | 2304 | 4.14E-13 | 2406 | 3.31E-13 | 2508 | 3.90E-13 | 2610 | 6.55E-13 | 2712 | 1.95E-12 | 2814 | 1.04E-12 | 2916 | 4.03E-12 | 3018 | 3.58E-12 | 3120 | 5.11E-12 |
| 2000 | -3.33E-13 | 2102 | 3.02E-13 | 2204 | 5.29E-13 | 2306 | 2.98E-13 | 2408 | 4.91E-13 | 2510 | 4.62E-13 | 2612 | 6.31E-13 | 2714 | 1.92E-12 | 2816 | 1.23E-12 | 2918 | 3.93E-12 | 3020 | 3.45E-12 | 3122 | 4.96E-12 |
| 2002 | -3.26E-14 | 2104 | 3.17E-13 | 2206 | 4.84E-13 | 2308 | 3.42E-13 | 2410 | 3.90E-13 | 2512 | 4.45E-13 | 2614 | 5.98E-13 | 2716 | 1.83E-12 | 2818 | 1.42E-12 | 2920 | 3.94E-12 | 3022 | 3.40E-12 | 3124 | 5.06E-12 |
| 2004 | 3.64E-13 | 2106 | -4.91E-14 | 2208 | 2.96E-13 | 2310 | 4.70E-13 | 2412 | 2.67E-13 | 2514 | 3.51E-13 | 2616 | 5.74E-13 | 2718 | 1.69E-12 | 2820 | 1.62E-12 | 2922 | 3.80E-12 | 3024 | 3.60E-12 | 3126 | 5.21E-12 |
| 2006 | 5.38E-13 | 2108 | -1.81E-13 | 2210 | 6.00E-13 | 2312 | 3.15E-13 | 2414 | 9.93E-14 | 2516 | 3.80E-13 | 2618 | 6.27E-13 | 2720 | 1.51E-12 | 2822 | 1.81E-12 | 2924 | 3.73E-12 | 3026 | 4.01E-12 | 3128 | 5.35E-12 |
| 2008 | -2.50E-13 | 2110 | 9.79E-14 | 2212 | 2.29E-13 | 2314 | 3.30E-13 | 2416 | 1.08E-13 | 2518 | 3.72E-13 | 2620 | 6.86E-13 | 2722 | 1.43E-12 | 2824 | 1.93E-12 | 2926 | 3.66E-12 | 3028 | 4.37E-12 | 3130 | 5.37E-12 |
| 2010 | -3.25E-13 | 2112 | 3.27E-13 | 2214 | 1.60E-13 | 2316 | 5.12E-13 | 2418 | 2.32E-13 | 2520 | 2.81E-13 | 2622 | 7.01E-13 | 2724 | 1.37E-12 | 2826 | 2.06E-12 | 2928 | 3.67E-12 | 3030 | 4.73E-12 | 3132 | 5.29E-12 |
| 2012 | -2.85E-13 | 2114 | 7.78E-14 | 2216 | 3.17E-13 | 2318 | 6.13E-13 | 2420 | 2.11E-13 | 2522 | 2.14E-13 | 2624 | 7.24E-13 | 2726 | 1.40E-12 | 2828 | 2.19E-12 | 2930 | 3.74E-12 | 3032 | 5.01E-12 | 3134 | 5.25E-12 |
| 2014 | 3.37E-13 | 2116 | 5.48E-13 | 2218 | 4.58E-13 | 2320 | 1.88E-13 | 2422 | 2.11E-13 | 2524 | 1.77E-13 | 2626 | 8.10E-13 | 2728 | 1.45E-12 | 2830 | 2.19E-12 | 2932 | 3.86E-12 | 3034 | 5.15E-12 | 3136 | 5.36E-12 |
| 2016 | 3.55E-13 | 2118 | 5.47E-13 | 2220 | 3.43E-13 | 2322 | 2.53E-13 | 2424 | 3.23E-13 | 2526 | 2.31E-13 | 2628 | 7.79E-13 | 2730 | 1.62E-12 | 2832 | 2.17E-12 | 2934 | 3.91E-12 | 3036 | 5.12E-12 | 3138 | 5.50E-12 |
| 2018 | -4.26E-13 | 2120 | 2.51E-13 | 2222 | 4.08E-13 | 2324 | 6.80E-13 | 2426 | 4.48E-13 | 2528 | 2.39E-13 | 2630 | 7.04E-13 | 2732 | 1.75E-12 | 2834 | 2.28E-12 | 2936 | 3.89E-12 | 3038 | 4.92E-12 | 3140 | 5.58E-12 |
| 2020 | -3.39E-13 | 2122 | 7.40E-13 | 2224 | 5.69E-13 | 2326 | 7.64E-13 | 2428 | 5.47E-13 | 2530 | 1.85E-13 | 2632 | 6.60E-13 | 2734 | 1.74E-12 | 2836 | 2.26E-12 | 2938 | 3.88E-12 | 3040 | 4.75E-12 | 3142 | 5.35E-12 |
| 2022 | 9.77E-14 | 2124 | -8.48E-15 | 2226 | 4.07E-13 | 2328 | 6.96E-13 | 2430 | 4.18E-13 | 2532 | 3.09E-13 | 2634 | 7.28E-13 | 2736 | 1.67E-12 | 2838 | 2.17E-12 | 2940 | 3.76E-12 | 3042 | 4.68E-12 | 3144 | 4.99E-12 |
| 2024 | -4.33E-14 | 2126 | | 2228 | 3.83E-13 | 2330 | 4.94E-13 | 2432 | 3.25E-13 | 2534 | 4.54E-13 | 2636 | 9.27E-13 | 2738 | 1.48E-12 | 2840 | 2.19E-12 | 2942 | 3.70E-12 | 3044 | 4.69E-12 | 3146 | 4.87E-12 |
| 2026 | -2.03E-13 | 2128 | 5.00E-13 | 2230 | 5.49E-13 | 2332 | 3.80E-13 | 2434 | 3.34E-13 | 2536 | 3.43E-13 | 2638 | 1.38E-12 | 2740 | 1.23E-12 | 2842 | 2.20E-12 | 2944 | 3.80E-12 | 3046 | 4.71E-12 | 3148 | 5.03E-12 |
| 2028 | -2.63E-13 | 2130 | 2.14E-13 | 2232 | 6.09E-13 | 2334 | 4.93E-13 | 2436 | 2.53E-13 | 2538 | 2.83E-13 | 2640 | 1.74E-12 | 2742 | 1.06E-12 | 2844 | 2.12E-12 | 2946 | 3.82E-12 | 3048 | 4.74E-12 | 3150 | 5.26E-12 |
| 2030 | -1.16E-14 | 2132 | 1.07E-13 | 2234 | 4.41E-13 | 2336 | 6.43E-13 | 2438 | 5.34E-13 | 2540 | 3.24E-13 | 2642 | 1.88E-12 | 2744 | 9.87E-13 | 2846 | 1.92E-12 | 2948 | 3.75E-12 | 3050 | 4.77E-12 | 3152 | 5.37E-12 |
| 2032 | -2.44E-14 | 2134 | -2.64E-15 | 2236 | 5.01E-13 | 2338 | 4.86E-13 | 2440 | 6.05E-13 | 2542 | 3.61E-13 | 2644 | 1.89E-12 | 2746 | 1.00E-12 | 2848 | | 2950 | 3.76E-12 | 3052 | | 3154 | 5.24E-12 |
| 2034 | -6.27E-14 | 2136 | 3.04E-14 | 2238 | 4.29E-13 | 2340 | 2.73E-13 | 2442 | 4.44E-13 | 2544 | 3.87E-13 | 2646 | | 2748 | 9.70E-13 | 2850 | | 2952 | 3.79E-12 | 3054 | | 3156 | 4.77E-12 |
| 2036 | 2.13E-13 | 2138 | 2.09E-13 | 2240 | 5.35E-13 | 2342 | 2.33E-13 | 2444 | 2.96E-13 | 2546 | 3.56E-13 | 2648 | 1.77E-12 | 2750 | 9.53E-13 | 2852 | | 2954 | 3.78E-12 | 3056 | | 3158 | 4.25E-12 |
| 2038 | -1.18E-13 | 2140 | 6.33E-14 | 2242 | 5.75E-13 | 2344 | 3.10E-13 | 2446 | 3.89E-13 | 2548 | 4.13E-13 | 2650 | 1.66E-12 | 2752 | 1.01E-12 | 2854 | | 2956 | 3.92E-12 | 3058 | | 3160 | 3.92E-12 |
| 2040 | -2.58E-13 | 2142 | 1.16E-13 | 2244 | 2.82E-13 | 2346 | 2.17E-13 | 2448 | 4.31E-13 | 2550 | 4.57E-13 | 2652 | 1.71E-12 | 2754 | 1.16E-12 | 2856 | 1.01E-12 | 2958 | 4.05E-12 | 3060 | | 3162 | 3.90E-12 |
| 2042 | 3.62E-13 | 2144 | 1.88E-14 | 2246 | 3.16E-13 | 2348 | 1.82E-13 | 2450 | 3.94E-13 | 2552 | 4.99E-13 | 2654 | 1.88E-12 | 2756 | 1.24E-12 | 2858 | 1.23E-12 | 2960 | 4.10E-12 | 3062 | 4.32E-12 | 3164 | 4.23E-12 |
| 2044 | 4.28E-13 | 2146 | 1.84E-13 | 2248 | 6.27E-13 | 2350 | 3.03E-13 | 2452 | 4.40E-13 | 2554 | 5.30E-13 | 2656 | 1.92E-12 | 2758 | 1.29E-12 | 2860 | 1.67E-12 | 2962 | 4.10E-12 | 3064 | 4.33E-12 | 3166 | 4.67E-12 |
| 2046 | -1.40E-13 | 2148 | 3.31E-13 | 2250 | 5.42E-13 | 2352 | 3.62E-13 | 2454 | 3.77E-13 | 2556 | 5.27E-13 | 2658 | 2.04E-12 | 2760 | 1.38E-12 | 2862 | 1.99E-12 | 2964 | 3.96E-12 | 3066 | 4.40E-12 | 3168 | 5.03E-12 |
| 2048 | -1.40E-13 | 2150 | 1.96E-13 | 2252 | 4.10E-13 | 2354 | 2.41E-13 | 2456 | 2.51E-13 | 2558 | 6.33E-13 | 2660 | 2.17E-12 | 2762 | 1.50E-12 | 2864 | 2.18E-12 | 2966 | 3.67E-12 | 3068 | 4.48E-12 | 3170 | 5.51E-12 |
| 2050 | -1.84E-13 | 2152 | 2.20E-13 | 2254 | 7.19E-13 | 2356 | 2.52E-13 | 2458 | 2.34E-13 | 2560 | 6.75E-13 | 2662 | 2.04E-12 | 2764 | 1.62E-12 | 2866 | 2.36E-12 | 2968 | 3.32E-12 | 3070 | 4.37E-12 | 3172 | 5.95E-12 |
| 2052 | -9.55E-14 | 2154 | 6.17E-13 | 2256 | 7.88E-13 | 2358 | 4.07E-13 | 2460 | 3.08E-13 | 2562 | 6.66E-13 | 2664 | 1.92E-12 | 2766 | 1.72E-12 | 2868 | 2.45E-12 | 2970 | 3.22E-12 | 3072 | 4.43E-12 | 3174 | 6.07E-12 |
| 2054 | 2.50E-13 | 2156 | 3.51E-13 | 2258 | 7.18E-13 | 2360 | 4.78E-13 | 2462 | 2.65E-13 | 2564 | 6.60E-13 | 2666 | 1.79E-12 | 2768 | 1.79E-12 | 2870 | 2.51E-12 | 2972 | 3.36E-12 | 3074 | 4.62E-12 | 3176 | 5.97E-12 |
| 2056 | 5.65E-13 | 2158 | 1.85E-13 | 2260 | 4.00E-13 | 2362 | 3.46E-13 | 2464 | 2.82E-13 | 2566 | 6.22E-13 | 2668 | 1.75E-12 | 2770 | 1.82E-12 | 2872 | 2.65E-12 | 2974 | 3.60E-12 | 3076 | 4.70E-12 | 3178 | 5.71E-12 |
| 2058 | 6.53E-13 | 2160 | 4.12E-13 | 2262 | 3.49E-13 | 2364 | 2.14E-13 | 2466 | 3.01E-13 | 2568 | 7.17E-13 | 2670 | 1.78E-12 | 2772 | 1.83E-12 | 2874 | 2.69E-12 | 2976 | 3.85E-12 | 3078 | 4.81E-12 | 3180 | 5.19E-12 |
| 2060 | 4.01E-13 | 2162 | 2.60E-13 | 2264 | 7.39E-13 | 2366 | 3.66E-13 | 2468 | 2.86E-13 | 2570 | 8.33E-13 | 2672 | 1.81E-12 | 2774 | 1.81E-12 | 2876 | 2.64E-12 | 2978 | 4.09E-12 | 3080 | 4.89E-12 | 3182 | 4.67E-12 |
| 2062 | -4.48E-14 | 2164 | 1.74E-13 | 2266 | 6.94E-13 | 2368 | 4.07E-13 | 2470 | 3.99E-13 | 2572 | 8.74E-13 | 2674 | 1.85E-12 | 2776 | 1.72E-12 | 2878 | 2.48E-12 | 2980 | 4.17E-12 | 3082 | 4.90E-12 | 3184 | 4.53E-12 |
| 2064 | -2.36E-13 | 2166 | 1.12E-13 | 2268 | 2.79E-13 | 2370 | 3.03E-13 | 2472 | 3.61E-13 | 2574 | 9.65E-13 | 2676 | 1.85E-12 | 2778 | 1.58E-12 | 2880 | 2.21E-12 | 2982 | 3.84E-12 | 3084 | 5.02E-12 | 3186 | 4.69E-12 |
| 2066 | 1.40E-13 | 2168 | -2.00E-13 | 2270 | 1.20E-14 | 2372 | 2.77E-13 | 2474 | 3.41E-13 | 2576 | 9.44E-13 | 2678 | 1.93E-12 | 2780 | 1.40E-12 | 2882 | 2.02E-12 | 2984 | 3.42E-12 | 3086 | 4.99E-12 | 3188 | 4.87E-12 |
| 2068 | -1.40E-13 | 2170 | 1.33E-13 | 2272 | 1.29E-13 | 2374 | 3.34E-13 | 2476 | 2.91E-13 | 2578 | 8.56E-13 | 2680 | 1.95E-12 | 2782 | 1.24E-12 | 2884 | 2.05E-12 | 2986 | 3.17E-12 | 3088 | 4.79E-12 | 3190 | 4.98E-12 |
| 2070 | -7.39E-14 | 2172 | 1.57E-14 | 2274 | 4.45E-13 | 2376 | 4.27E-13 | 2478 | 4.52E-13 | 2580 | 9.35E-13 | 2682 | 1.84E-12 | 2784 | 1.15E-12 | 2886 | 2.31E-12 | 2988 | 3.18E-12 | 3090 | 4.61E-12 | 3192 | 4.88E-12 |
| 2072 | -2.80E-14 | 2174 | 2.32E-14 | 2276 | 6.91E-13 | 2378 | 2.95E-13 | 2480 | 4.17E-13 | 2582 | 9.50E-13 | 2684 | 1.78E-12 | 2786 | 1.05E-12 | 2888 | 2.68E-12 | 2990 | 3.43E-12 | 3092 | 4.18E-12 | 3194 | 4.87E-12 |
| 2074 | 1.23E-13 | 2176 | 3.93E-13 | 2278 | 3.22E-13 | 2380 | 3.51E-13 | 2482 | 2.87E-13 | 2584 | 9.98E-13 | 2686 | 1.82E-12 | 2788 | 1.02E-12 | 2890 | 2.80E-12 | 2992 | 3.62E-12 | 3094 | 3.85E-12 | 3196 | 4.94E-12 |
| 2076 | 8.12E-13 | 2178 | 3.47E-13 | 2280 | 1.97E-13 | 2382 | 3.61E-13 | 2484 | 2.81E-13 | 2586 | 9.81E-13 | 2688 | 1.79E-12 | 2790 | 9.23E-13 | 2892 | 2.92E-12 | 2994 | 3.68E-12 | 3096 | 3.58E-12 | 3198 | 5.11E-12 |


HD 187923 G0 V V=6.13 (B-V)=0.65 E(B-V)=0.05
LAP: LWP 8810
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 1461 G0 IV V=4.46 (B-V)=0.68 E(B-V)=0.05**

**LAP: LWP 8444**

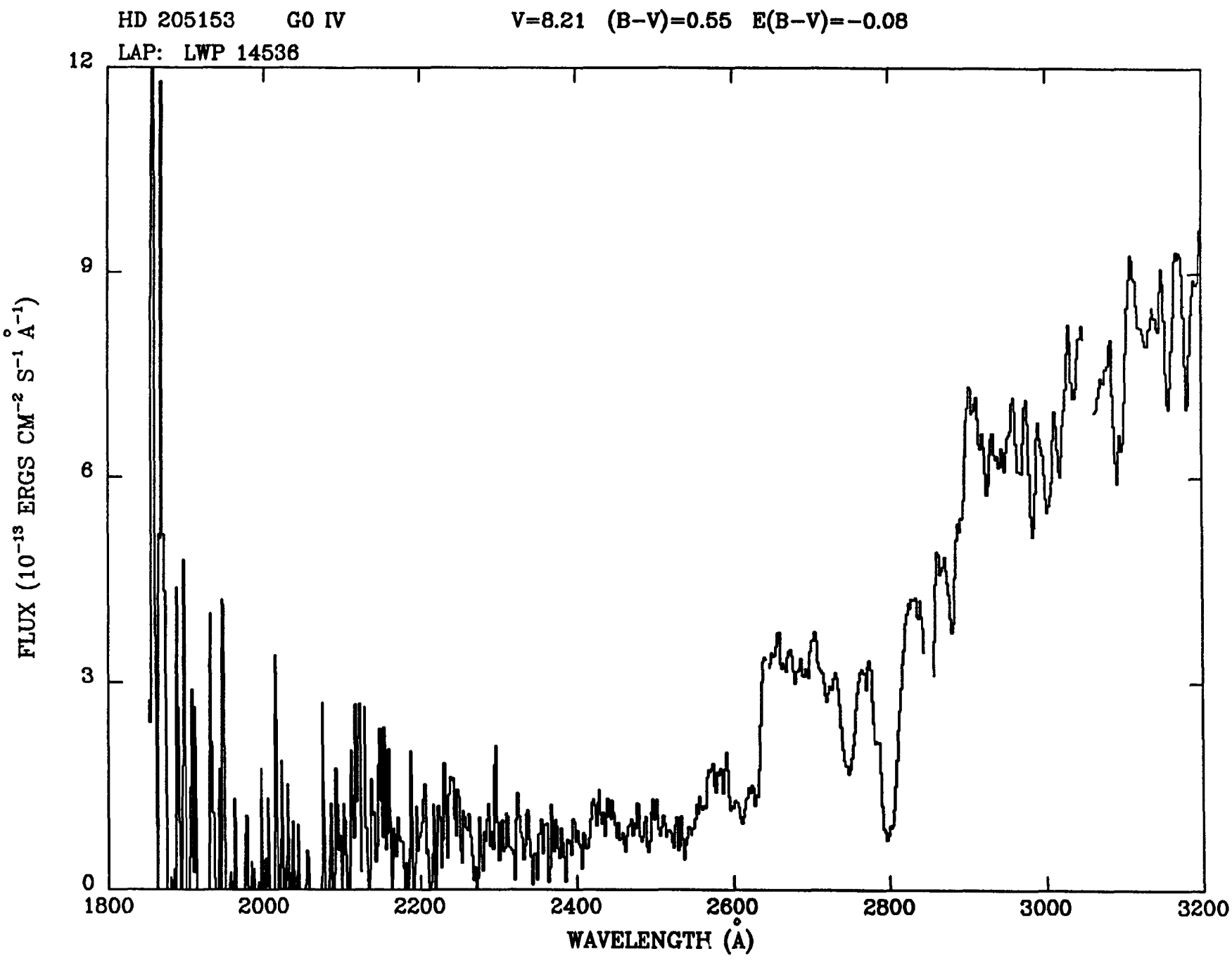
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.26E-14 | 2078 | 3.57E-13 | 2180 | 1.11E-13 | 2282 | 2.10E-13 | 2384 | 1.05E-13 | 2486 | 1.84E-13 | 2588 | 4.73E-13 | 2690 | 9.03E-13 | 2792 | 4.57E-13 | 2894 | 2.12E-12 | 2996 | 2.10E-12 | 3098 | 2.43E-12 |
| 1978 | 5.26E-14 | 2080 | 1.04E-13 | 2182 | 8.91E-14 | 2284 | 2.50E-13 | 2386 | 1.15E-13 | 2488 | 2.04E-13 | 2590 | 5.16E-13 | 2692 | 9.15E-13 | 2794 | 3.86E-13 | 2896 | 2.26E-12 | 2998 | 1.94E-12 | 3100 | 2.59E-12 |
| 1980 | 1.44E-15 | 2082 | 3.50E-14 | 2184 | 1.86E-13 | 2286 | 2.66E-13 | 2388 | 1.87E-13 | 2490 | 2.04E-13 | 2592 | 4.83E-13 | 2694 | 9.37E-13 | 2796 | 3.41E-13 | 2898 | 2.53E-12 | 3000 | 1.74E-12 | 3102 | 2.99E-12 |
| 1982 | 2.49E-13 | 2084 | -5.24E-14 | 2186 | 2.07E-13 | 2288 | 8.25E-14 | 2390 | 2.45E-13 | 2492 | 1.82E-13 | 2594 | 4.17E-13 | 2696 | 9.47E-13 | 2798 | 3.14E-13 | 2900 | 2.76E-12 | 3002 | 1.70E-12 | 3104 | 3.40E-12 |
| 1984 | 3.18E-13 | 2086 | -1.93E-13 | 2188 | 3.41E-13 | 2290 | 1.21E-13 | 2392 | 2.32E-13 | 2494 | 2.07E-13 | 2596 | 3.91E-13 | 2698 | 9.57E-13 | 2800 | 3.34E-13 | 2902 | 2.84E-12 | 3004 | 1.78E-12 | 3106 | 3.72E-12 |
| 1986 | 4.91E-14 | 2088 | 3.79E-14 | 2190 | 1.78E-13 | 2292 | 6.35E-14 | 2394 | 2.07E-13 | 2496 | 2.10E-13 | 2598 | 3.65E-13 | 2700 | 1.04E-12 | 2802 | 3.39E-13 | 2904 | 2.83E-12 | 3006 | 1.91E-12 | 3108 | 3.92E-12 |
| 1988 | -3.47E-14 | 2090 | 6.21E-14 | 2192 | -8.20E-14 | 2294 | 2.06E-13 | 2396 | 1.66E-13 | 2498 | 2.73E-13 | 2600 | 3.25E-13 | 2702 | 1.08E-12 | 2804 | 3.58E-13 | 2906 | 2.73E-12 | 3008 | 1.97E-12 | 3110 | 3.94E-12 |
| 1990 | -1.64E-13 | 2092 | 3.34E-13 | 2194 | 1.08E-13 | 2296 | 4.84E-13 | 2398 | 1.71E-13 | 2500 | 2.70E-13 | 2602 | 3.31E-13 | 2704 | 1.10E-12 | 2806 | 4.46E-13 | 2908 | 2.68E-12 | 3010 | 2.13E-12 | 3112 | 3.77E-12 |
| 1992 | 3.14E-14 | 2094 | 2.31E-13 | 2196 | 1.71E-13 | 2298 | 2.78E-13 | 2400 | 2.32E-13 | 2502 | 2.91E-13 | 2604 | 3.68E-13 | 2706 | 1.13E-12 | 2808 | 5.57E-13 | 2910 | 2.69E-12 | 3012 | 2.26E-12 | 3114 | 3.58E-12 |
| 1994 | 1.40E-13 | 2096 | -2.90E-13 | 2198 | 6.42E-14 | 2300 | 1.77E-13 | 2402 | 2.46E-13 | 2504 | 3.05E-13 | 2606 | 3.51E-13 | 2708 | 1.09E-12 | 2810 | 6.82E-13 | 2912 | 2.66E-12 | 3014 | 2.19E-12 | 3116 | 3.37E-12 |
| 1996 | 1.75E-13 | 2098 | -8.35E-14 | 2200 | 8.33E-14 | 2302 | 2.39E-13 | 2404 | 2.34E-13 | 2506 | 2.29E-13 | 2608 | 3.49E-13 | 2710 | 1.03E-12 | 2812 | 7.98E-13 | 2914 | 2.63E-12 | 3016 | 2.05E-12 | 3118 | 3.23E-12 |
| 1998 | -5.98E-14 | 2100 | 1.41E-13 | 2202 | 9.90E-14 | 2304 | 2.20E-13 | 2406 | 1.55E-13 | 2508 | 2.04E-13 | 2610 | 3.80E-13 | 2712 | 1.00E-12 | 2814 | 8.96E-13 | 2916 | 2.56E-12 | 3018 | 1.90E-12 | 3120 | 3.21E-12 |
| 2000 | -3.89E-14 | 2102 | 2.76E-13 | 2204 | 2.81E-13 | 2306 | 1.40E-13 | 2408 | 2.33E-13 | 2510 | 2.50E-13 | 2612 | 3.74E-13 | 2714 | 9.80E-13 | 2816 | 1.04E-12 | 2918 | 2.52E-12 | 3020 | 1.87E-12 | 3122 | 3.25E-12 |
| 2002 | 5.28E-14 | 2104 | 2.95E-13 | 2206 | 2.51E-13 | 2308 | 1.90E-13 | 2410 | 2.35E-13 | 2512 | 2.73E-13 | 2614 | 3.66E-13 | 2716 | 9.28E-13 | 2818 | 1.15E-12 | 2920 | 2.51E-12 | 3022 | 2.12E-12 | 3124 | 3.31E-12 |
| 2004 | 1.42E-13 | 2106 | 7.23E-14 | 2208 | 1.66E-13 | 2310 | 3.29E-13 | 2412 | 1.92E-13 | 2514 | 2.24E-13 | 2616 | 3.94E-13 | 2718 | 7.91E-13 | 2820 | 1.20E-12 | 2922 | 2.40E-12 | 3024 | 2.42E-12 | 3126 | 3.42E-12 |
| 2006 | 5.62E-14 | 2108 | -9.37E-14 | 2210 | 2.36E-13 | 2312 | 2.16E-13 | 2414 | 1.41E-13 | 2516 | 2.30E-13 | 2618 | 4.30E-13 | 2720 | 7.01E-13 | 2822 | 1.25E-12 | 2924 | 2.31E-12 | 3026 | 2.66E-12 | 3128 | 3.48E-12 |
| 2008 | -3.19E-13 | 2110 | -7.60E-14 | 2212 | 8.08E-14 | 2314 | 1.31E-13 | 2416 | 1.63E-13 | 2518 | 2.52E-13 | 2620 | 4.58E-13 | 2722 | 7.14E-13 | 2824 | 1.30E-12 | 2926 | 2.28E-12 | 3028 | 2.90E-12 | 3130 | 3.51E-12 |
| 2010 | -2.07E-13 | 2112 | 1.80E-13 | 2214 | 1.09E-13 | 2316 | 1.58E-13 | 2418 | 2.51E-13 | 2520 | 2.09E-13 | 2622 | 4.67E-13 | 2724 | 7.76E-13 | 2826 | 1.31E-12 | 2928 | 2.44E-12 | 3030 | 3.16E-12 | 3132 | 3.50E-12 |
| 2012 | -2.12E-13 | 2114 | 1.21E-13 | 2216 | 2.44E-13 | 2318 | 3.46E-13 | 2420 | 2.55E-13 | 2522 | 1.91E-13 | 2624 | 4.48E-13 | 2726 | 8.21E-13 | 2828 | 1.34E-12 | 2930 | 2.59E-12 | 3032 | 3.31E-12 | 3134 | 3.56E-12 |
| 2014 | 2.78E-13 | 2116 | 2.13E-13 | 2218 | 2.01E-13 | 2320 | 1.93E-13 | 2422 | 2.60E-13 | 2524 | 1.56E-13 | 2626 | 4.29E-13 | 2728 | 8.75E-13 | 2830 | 1.37E-12 | 2932 | 2.63E-12 | 3034 | 3.30E-12 | 3136 | 3.66E-12 |
| 2016 | 4.21E-13 | 2118 | 2.60E-13 | 2220 | 9.39E-14 | 2322 | 2.03E-13 | 2424 | 2.64E-13 | 2526 | 1.67E-13 | 2628 | 4.04E-13 | 2730 | 9.79E-13 | 2832 | 1.37E-12 | 2934 | 2.52E-12 | 3036 | 3.06E-12 | 3138 | 3.65E-12 |
| 2018 | -1.15E-13 | 2120 | 1.63E-13 | 2222 | 9.57E-14 | 2324 | 3.04E-13 | 2426 | 2.45E-13 | 2528 | 1.80E-13 | 2630 | 3.99E-13 | 2732 | 9.99E-13 | 2834 | 1.38E-12 | 2936 | 2.31E-12 | 3038 | 2.86E-12 | 3140 | 3.45E-12 |
| 2020 | -3.39E-13 | 2122 | 4.59E-13 | 2224 | 2.47E-13 | 2326 | 2.97E-13 | 2428 | 2.96E-13 | 2530 | 1.57E-13 | 2632 | 4.17E-13 | 2734 | 9.13E-13 | 2836 | 1.38E-12 | 2938 | 2.29E-12 | 3040 | 2.88E-12 | 3142 | 3.26E-12 |
| 2022 | -6.05E-14 | 2124 | 1.39E-13 | 2226 | 2.75E-13 | 2328 | 2.40E-13 | 2430 | 3.02E-13 | 2532 | 1.89E-13 | 2634 | 5.60E-13 | 2736 | 7.89E-13 | 2838 | 1.37E-12 | 2940 | 2.36E-12 | 3042 | 2.96E-12 | 3144 | 3.18E-12 |
| 2024 | 1.82E-13 | 2126 | 1.39E-14 | 2228 | 2.56E-13 | 2330 | 1.81E-13 | 2432 | 2.37E-13 | 2534 | 2.62E-13 | 2636 | 7.29E-13 | 2738 | 7.02E-13 | 2840 | 1.39E-12 | 2942 | 2.36E-12 | 3044 | 3.10E-12 | 3146 | 3.32E-12 |
| 2026 | 9.61E-14 | 2128 | 2.98E-13 | 2230 | 3.44E-13 | 2332 | 2.12E-13 | 2434 | 2.10E-13 | 2536 | 2.13E-13 | 2638 | 8.88E-13 | 2740 | 6.24E-13 | 2842 | 1.31E-12 | 2944 | 2.39E-12 | 3046 | 3.21E-12 | 3148 | 3.48E-12 |
| 2028 | -1.60E-13 | 2130 | 2.64E-13 | 2232 | 3.81E-13 | 2334 | 2.76E-13 | 2436 | 1.28E-13 | 2538 | 1.84E-13 | 2640 | 9.45E-13 | 2742 | 5.57E-13 | 2844 | 1.16E-12 | 2946 | 2.30E-12 | 3048 | 3.25E-12 | 3150 | 3.48E-12 |
| 2030 | -7.72E-14 | 2132 | 9.95E-14 | 2234 | 2.00E-13 | 2336 | 3.63E-13 | 2438 | 2.32E-13 | 2540 | 1.94E-13 | 2642 | 1.01E-12 | 2744 | 5.29E-13 | 2846 | 9.98E-13 | 2948 | 2.21E-12 | 3050 | 3.24E-12 | 3152 | 3.41E-12 |
| 2032 | -2.29E-14 | 2134 | -4.16E-14 | 2236 | 1.63E-13 | 2338 | 2.96E-13 | 2440 | 2.93E-13 | 2542 | 2.07E-13 | 2644 | 9.90E-13 | 2746 | 5.81E-13 | 2848 | | 2950 | 2.37E-12 | 3052 | 3.25E-12 | 3154 | 3.13E-12 |
| 2034 | -1.76E-13 | 2136 | -1.53E-14 | 2238 | 2.75E-13 | 2340 | 1.80E-13 | 2442 | 2.45E-13 | 2544 | 2.41E-13 | 2646 | | 2748 | 5.98E-13 | 2850 | | 2952 | 2.55E-12 | 3054 | | 3156 | 2.73E-12 |
| 2036 | 1.70E-13 | 2138 | 7.84E-14 | 2240 | 2.91E-13 | 2342 | 1.40E-13 | 2444 | 1.87E-13 | 2546 | 1.99E-13 | 2648 | 7.33E-13 | 2750 | 6.13E-13 | 2852 | | 2954 | 2.52E-12 | 3056 | | 3158 | 2.66E-12 |
| 2038 | 1.13E-13 | 2140 | 2.50E-14 | 2242 | 3.42E-13 | 2344 | 1.76E-13 | 2446 | 2.31E-13 | 2548 | 2.02E-13 | 2650 | 7.79E-13 | 2752 | 6.73E-13 | 2854 | | 2956 | 2.57E-12 | 3058 | | 3160 | 2.84E-12 |
| 2040 | -2.09E-13 | 2142 | 1.39E-13 | 2244 | 1.98E-13 | 2346 | 1.76E-13 | 2448 | 2.41E-13 | 2550 | 2.55E-13 | 2652 | 8.86E-13 | 2754 | 7.46E-13 | 2856 | 8.71E-13 | 2958 | 2.72E-12 | 3060 | | 3162 | 3.12E-12 |
| 2042 | -6.00E-14 | 2144 | 1.29E-13 | 2246 | 1.53E-13 | 2348 | 1.76E-13 | 2450 | 2.08E-13 | 2552 | 2.71E-13 | 2654 | 1.00E-12 | 2756 | 7.97E-13 | 2858 | 1.01E-12 | 2960 | 2.80E-12 | 3062 | 2.87E-12 | 3164 | 3.38E-12 |
| 2044 | 2.45E-13 | 2146 | 1.59E-13 | 2248 | 2.73E-13 | 2350 | 1.98E-13 | 2452 | 2.49E-13 | 2554 | 3.04E-13 | 2656 | 1.04E-12 | 2758 | 8.82E-13 | 2860 | 1.22E-12 | 2962 | 2.64E-12 | 3064 | 2.86E-12 | 3166 | 3.66E-12 |
| 2046 | -7.55E-14 | 2148 | 2.14E-13 | 2250 | 3.16E-13 | 2352 | 2.12E-13 | 2454 | 2.63E-13 | 2556 | 3.14E-13 | 2658 | 1.03E-12 | 2760 | 9.72E-13 | 2862 | 1.38E-12 | 2964 | 2.33E-12 | 3066 | 2.85E-12 | 3168 | 3.89E-12 |
| 2048 | -1.19E-13 | 2150 | 1.90E-13 | 2252 | 1.68E-13 | 2354 | 1.72E-13 | 2456 | 1.90E-13 | 2558 | 3.42E-13 | 2660 | 1.03E-12 | 2762 | 1.01E-12 | 2864 | 1.47E-12 | 2966 | 2.05E-12 | 3068 | 2.95E-12 | 3170 | 4.09E-12 |
| 2050 | -7.91E-14 | 2152 | 2.56E-14 | 2254 | 1.79E-13 | 2356 | 2.04E-13 | 2458 | 1.68E-13 | 2560 | 3.45E-13 | 2662 | 9.03E-13 | 2764 | 1.03E-12 | 2866 | 1.54E-12 | 2968 | 1.96E-12 | 3070 | 3.07E-12 | 3172 | 4.16E-12 |
| 2052 | -6.62E-14 | 2154 | 2.67E-13 | 2256 | 2.80E-13 | 2358 | 1.92E-13 | 2460 | 1.65E-13 | 2562 | 3.31E-13 | 2664 | 8.70E-13 | 2766 | 1.03E-12 | 2868 | 1.55E-12 | 2970 | 2.09E-12 | 3072 | 3.06E-12 | 3174 | 4.02E-12 |
| 2054 | 1.75E-13 | 2156 | 3.01E-13 | 2258 | 2.85E-13 | 2360 | 2.02E-13 | 2462 | 1.68E-13 | 2564 | 3.42E-13 | 2666 | 9.27E-13 | 2768 | 1.03E-12 | 2870 | 1.61E-12 | 2972 | 2.29E-12 | 3074 | 3.03E-12 | 3176 | 3.69E-12 |
| 2056 | 1.97E-13 | 2158 | 1.11E-13 | 2260 | 1.76E-13 | 2362 | 1.32E-13 | 2464 | 1.64E-13 | 2566 | 3.71E-13 | 2668 | 9.26E-13 | 2770 | 1.01E-12 | 2872 | 1.70E-12 | 2974 | 2.53E-12 | 3076 | 3.01E-12 | 3178 | 3.28E-12 |
| 2058 | 3.29E-13 | 2160 | 2.45E-13 | 2262 | 1.10E-13 | 2364 | 1.15E-13 | 2466 | 1.99E-13 | 2568 | 4.32E-13 | 2670 | 9.24E-13 | 2772 | 1.03E-12 | 2874 | 1.68E-12 | 2976 | 2.69E-12 | 3078 | 3.08E-12 | 3180 | 3.03E-12 |
| 2060 | 4.02E-13 | 2162 | 1.95E-13 | 2264 | 2.47E-13 | 2366 | 2.08E-13 | 2468 | 1.88E-13 | 2570 | 4.45E-13 | 2672 | 9.23E-13 | 2774 | 1.07E-12 | 2876 | 1.58E-12 | 2978 | 2.58E-12 | 3080 | 3.11E-12 | 3182 | 3.10E-12 |
| 2062 | 7.13E-14 | 2164 | 5.77E-14 | 2266 | 3.06E-13 | 2368 | 2.35E-13 | 2470 | 2.19E-13 | 2572 | 4.41E-13 | 2674 | 9.56E-13 | 2776 | 1.01E-12 | 2878 | 1.39E-12 | 2980 | 2.36E-12 | 3082 | 3.12E-12 | 3184 | 3.36E-12 |
| 2064 | -1.21E-13 | 2166 | 6.92E-14 | 2268 | 2.08E-13 | 2370 | 2.06E-13 | 2472 | 1.86E-13 | 2574 | 4.77E-13 | 2676 | 9.98E-13 | 2778 | 9.00E-13 | 2880 | 1.20E-12 | 2982 | 1.97E-12 | 3084 | 3.17E-12 | 3186 | 3.45E-12 |
| 2066 | 1.80E-13 | 2168 | -4.78E-14 | 2270 | 1.13E-13 | 2372 | 2.05E-13 | 2474 | 2.10E-13 | 2576 | 4.73E-13 | 2678 | 9.89E-13 | 2780 | 7.93E-13 | 2882 | 1.24E-12 | 2984 | 1.77E-12 | 3086 | 3.12E-12 | 3188 | 3.42E-12 |
| 2068 | 6.92E-14 | 2170 | 1.49E-13 | 2272 | 1.66E-13 | 2374 | 1.80E-13 | 2476 | 2.06E-13 | 2578 | 4.19E-13 | 2680 | 9.40E-13 | 2782 | 7.21E-13 | 2884 | 1.46E-12 | 2986 | 1.90E-12 | 3088 | 2.88E-12 | 3190 | 3.42E-12 |
| 2070 | -1.45E-13 | 2172 | 1.75E-13 | 2274 | 4.31E-13 | 2376 | 1.80E-13 | 2478 | 2.93E-13 | 2580 | 5.17E-13 | 2682 | 9.48E-13 | 2784 | 7.04E-13 | 2886 | 1.64E-12 | 2988 | 2.12E-12 | 3090 | 2.67E-12 | 3192 | 3.37E-12 |
| 2072 | 1.34E-14 | 2174 | 5.65E-14 | 2276 | 5.39E-13 | 2378 | 1.97E-13 | 2480 | 2.66E-13 | 2582 | 5.55E-13 | 2684 | 9.40E-13 | 2786 | 6.85E-13 | 2888 | 1.82E-12 | 2990 | 2.35E-12 | 3092 | 2.47E-12 | 3194 | 3.45E-12 |
| 2074 | 7.31E-14 | 2176 | 2.10E-13 | 2278 | 2.89E-13 | 2380 | 1.60E-13 | 2482 | 1.68E-13 | 2584 | 4.73E-13 | 2686 | 9.28E-13 | 2788 | 6.43E-13 | 2890 | 1.92E-12 | 2992 | 2.30E-12 | 3094 | 2.37E-12 | 3196 | 3.67E-12 |
| 2076 | 3.46E-13 | 2178 | 1.94E-13 | 2280 | 1.02E-13 | 2382 | 1.50E-13 | 2484 | 1.62E-13 | 2586 | 4.50E-13 | 2688 | 9.41E-13 | 2790 | 5.49E-13 | 2892 | 2.01E-12 | 2994 | 2.17E-12 | 3096 | 2.39E-12 | 3198 | 3.91E-12 |


HD 1461 G0 IV V=4.46 (B-V)=0.68 E(B-V)=0.05
LAP: LWP 8444
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 205153 G0 IV V=8.21 (B-V)=0.55 E(B-V)=-0.08

LAP: LWP 14536

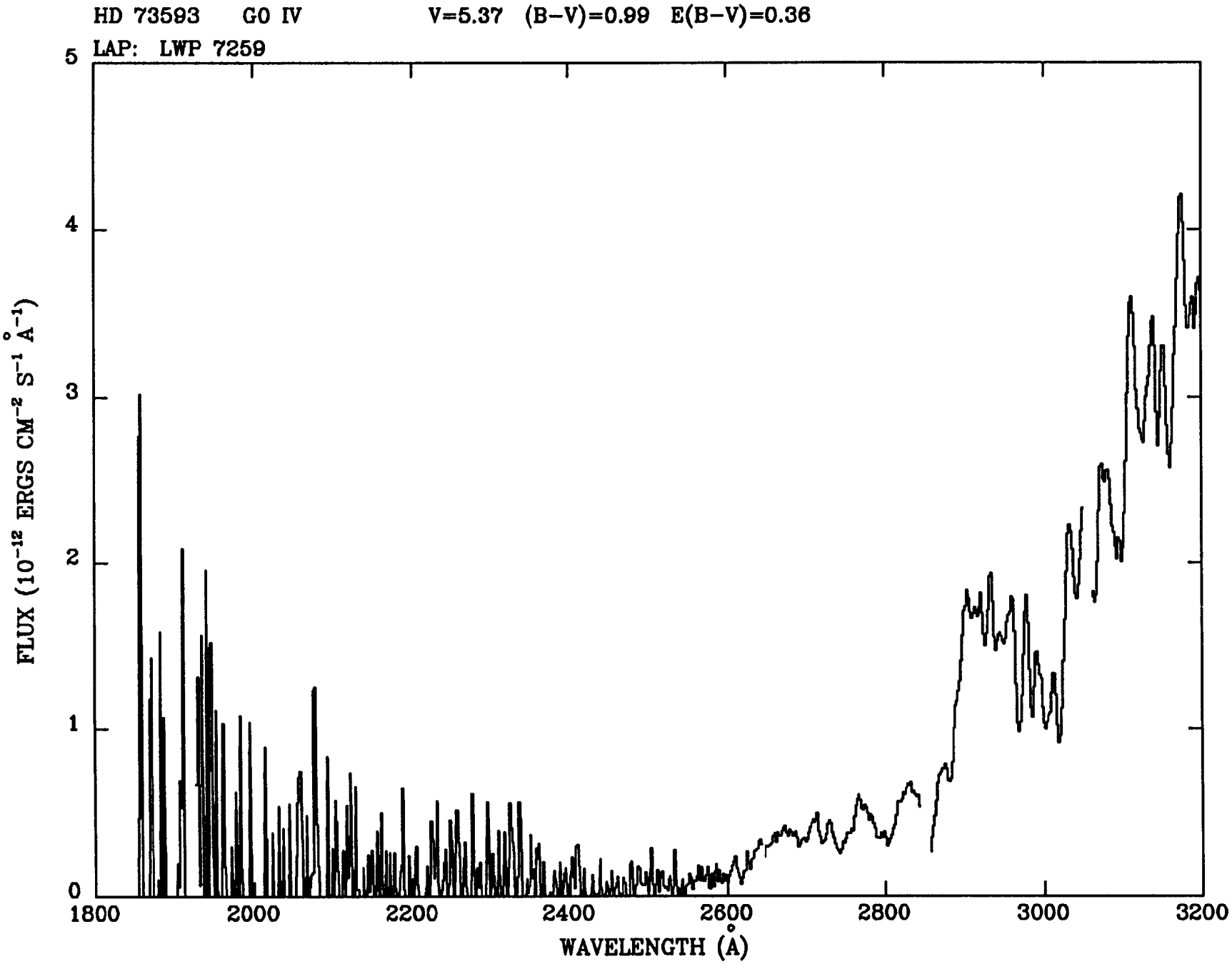
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 9.70E-14 | 2078 | 6.32E-14 | 2180 | 6.17E-15 | 2282 | 7.49E-14 | 2384 | 3.96E-14 | 2486 | 9.28E-14 | 2588 | 1.52E-13 | 2690 | 3.15E-13 | 2792 | 1.07E-13 | 2894 | 5.41E-13 | 2996 | 6.39E-13 | 3098 | 6.41E-13 |
| 1978 | 4.07E-14 | 2080 | -2.01E-14 | 2182 | 2.84E-14 | 2284 | 9.24E-14 | 2386 | 2.69E-14 | 2488 | 1.04E-13 | 2590 | 1.84E-13 | 2692 | 3.10E-13 | 2794 | 8.61E-14 | 2896 | 5.74E-13 | 2998 | 6.15E-13 | 3100 | 6.66E-13 |
| 1980 | -8.96E-14 | 2082 | -1.20E-14 | 2184 | -8.60E-15 | 2286 | 1.19E-13 | 2388 | 7.21E-14 | 2490 | 6.89E-14 | 2592 | 1.87E-13 | 2694 | 3.21E-13 | 2796 | 7.74E-14 | 2898 | 6.39E-13 | 3000 | 5.80E-13 | 3102 | 7.32E-13 |
| 1982 | 7.54E-15 | 2084 | 6.26E-14 | 2186 | 1.02E-13 | 2288 | 7.26E-14 | 2390 | 6.93E-14 | 2492 | 5.49E-14 | 2594 | 1.52E-13 | 2696 | 3.17E-13 | 2798 | 7.70E-14 | 2900 | 6.85E-13 | 3002 | 5.55E-13 | 3104 | 8.06E-13 |
| 1984 | -2.34E-14 | 2086 | 1.17E-13 | 2188 | 1.28E-13 | 2290 | 8.16E-14 | 2392 | 5.94E-14 | 2494 | 7.25E-14 | 2596 | 1.23E-13 | 2698 | 3.16E-13 | 2800 | 8.87E-14 | 2902 | 7.10E-13 | 3004 | 5.58E-13 | 3106 | 8.68E-13 |
| 1986 | 2.70E-14 | 2088 | -6.80E-14 | 2190 | -2.15E-14 | 2292 | 5.97E-14 | 2394 | 7.88E-14 | 2496 | 1.15E-13 | 2598 | 1.19E-13 | 2700 | 3.51E-13 | 2802 | 9.04E-14 | 2904 | 7.31E-13 | 3006 | 5.72E-13 | 3108 | 9.09E-13 |
| 1988 | -6.74E-14 | 2090 | 1.04E-14 | 2192 | -1.47E-15 | 2294 | 1.82E-13 | 2396 | 9.92E-14 | 2498 | 1.25E-13 | 2600 | 1.20E-13 | 2702 | 3.62E-13 | 2804 | 9.33E-14 | 2906 | 7.13E-13 | 3008 | 5.96E-13 | 3110 | 9.22E-13 |
| 1990 | -4.17E-15 | 2092 | 1.65E-13 | 2194 | 8.33E-14 | 2296 | 1.92E-13 | 2398 | 7.92E-14 | 2500 | 1.07E-13 | 2602 | 1.27E-13 | 2704 | 3.67E-13 | 2806 | 1.14E-13 | 2908 | 6.95E-13 | 3010 | 6.59E-13 | 3112 | 9.02E-13 |
| 1992 | -2.65E-15 | 2094 | 1.17E-13 | 2196 | 7.86E-14 | 2298 | 8.65E-14 | 2400 | 8.15E-14 | 2502 | 1.25E-13 | 2604 | 1.28E-13 | 2706 | 3.69E-13 | 2808 | 1.50E-13 | 2910 | 7.01E-13 | 3012 | 6.93E-13 | 3114 | 8.91E-13 |
| 1994 | 2.26E-15 | 2096 | 6.06E-14 | 2198 | 6.99E-14 | 2300 | 5.65E-14 | 2402 | 6.97E-14 | 2504 | 1.14E-13 | 2606 | 1.26E-13 | 2708 | 3.46E-13 | 2810 | 1.93E-13 | 2912 | 7.14E-13 | 3014 | 6.67E-13 | 3116 | 8.62E-13 |
| 1996 | 8.05E-14 | 2098 | 5.43E-14 | 2200 | 8.12E-14 | 2302 | 9.86E-14 | 2404 | 6.18E-14 | 2506 | 8.35E-14 | 2608 | 1.19E-13 | 2710 | 3.26E-13 | 2812 | 2.36E-13 | 2914 | 6.95E-13 | 3016 | 6.32E-13 | 3118 | 8.28E-13 |
| 1998 | -8.40E-14 | 2100 | 2.36E-14 | 2202 | 9.47E-14 | 2304 | 8.27E-14 | 2406 | 3.24E-14 | 2508 | 8.47E-14 | 2610 | 1.03E-13 | 2712 | 3.20E-13 | 2814 | 2.68E-13 | 2916 | 6.58E-13 | 3018 | 6.07E-13 | 3120 | 8.20E-13 |
| 2000 | 3.45E-14 | 2102 | 1.16E-13 | 2204 | 1.25E-13 | 2306 | 5.81E-14 | 2408 | 8.21E-14 | 2510 | 1.00E-13 | 2612 | 9.78E-14 | 2714 | 3.16E-13 | 2816 | 3.03E-13 | 2918 | 6.43E-13 | 3020 | 6.14E-13 | 3122 | 8.19E-13 |
| 2002 | 1.06E-14 | 2104 | 7.80E-14 | 2206 | 1.51E-13 | 2308 | 8.78E-14 | 2410 | 7.56E-14 | 2512 | 9.92E-14 | 2614 | 1.09E-13 | 2716 | 3.04E-13 | 2818 | 3.35E-13 | 2920 | 6.63E-13 | 3022 | 6.53E-13 | 3124 | 8.12E-13 |
| 2004 | 1.19E-13 | 2106 | -4.15E-15 | 2208 | 5.28E-14 | 2310 | 1.08E-13 | 2412 | 5.94E-14 | 2514 | 8.14E-14 | 2616 | 1.21E-13 | 2718 | 2.85E-13 | 2820 | 3.65E-13 | 2922 | 6.44E-13 | 3024 | 6.89E-13 | 3126 | 8.00E-13 |
| 2006 | -2.20E-14 | 2108 | -3.87E-14 | 2210 | 4.55E-14 | 2312 | 7.76E-14 | 2414 | 6.40E-14 | 2516 | 8.30E-14 | 2618 | 1.32E-13 | 2720 | 2.74E-13 | 2822 | 3.94E-13 | 2924 | 6.04E-13 | 3026 | 7.17E-13 | 3128 | 7.93E-13 |
| 2008 | -1.32E-13 | 2110 | 1.24E-13 | 2212 | -1.74E-14 | 2314 | 6.13E-14 | 2416 | 8.44E-14 | 2518 | 8.57E-14 | 2620 | 1.40E-13 | 2722 | 2.85E-13 | 2824 | 4.10E-13 | 2926 | 5.77E-13 | 3028 | 7.63E-13 | 3130 | 7.99E-13 |
| 2010 | -3.15E-14 | 2112 | 1.56E-13 | 2214 | 2.00E-14 | 2316 | 5.81E-14 | 2418 | 1.12E-13 | 2520 | 8.26E-14 | 2622 | 1.44E-13 | 2724 | 2.95E-13 | 2826 | 4.12E-13 | 2928 | 5.94E-13 | 3030 | 8.13E-13 | 3132 | 8.18E-13 |
| 2012 | 1.51E-14 | 2114 | 9.06E-14 | 2216 | 7.62E-14 | 2318 | 5.21E-14 | 2420 | 1.28E-13 | 2522 | 6.91E-14 | 2624 | 1.46E-13 | 2726 | 2.92E-13 | 2828 | 4.18E-13 | 2930 | 6.39E-13 | 3032 | 8.05E-13 | 3134 | 8.26E-13 |
| 2014 | 3.12E-13 | 2116 | 2.29E-13 | 2218 | 6.30E-14 | 2320 | 1.63E-14 | 2422 | 1.26E-13 | 2524 | 6.39E-14 | 2626 | 1.49E-13 | 2728 | 2.94E-13 | 2830 | 4.22E-13 | 2932 | 6.59E-13 | 3034 | 7.49E-13 | 3136 | 8.42E-13 |
| 2016 | 1.11E-13 | 2118 | 1.49E-13 | 2220 | 2.28E-14 | 2322 | 1.03E-13 | 2424 | 1.04E-13 | 2526 | 9.48E-14 | 2628 | 1.30E-13 | 2730 | 3.09E-13 | 2832 | 4.22E-13 | 2934 | 6.52E-13 | 3036 | 7.17E-13 | 3138 | 8.41E-13 |
| 2018 | -1.05E-13 | 2120 | 2.15E-13 | 2222 | 1.04E-13 | 2324 | 1.34E-13 | 2426 | 1.14E-13 | 2528 | 9.26E-14 | 2630 | 1.33E-13 | 2732 | 3.12E-13 | 2834 | 4.24E-13 | 2936 | 6.31E-13 | 3038 | 7.17E-13 | 3140 | 8.34E-13 |
| 2020 | 5.89E-15 | 2122 | 2.57E-13 | 2224 | 1.11E-13 | 2326 | 1.02E-13 | 2428 | 1.39E-13 | 2530 | 5.87E-14 | 2632 | 1.35E-13 | 2734 | 3.01E-13 | 2836 | 3.99E-13 | 2938 | 6.30E-13 | 3040 | 7.37E-13 | 3142 | 8.25E-13 |
| 2022 | 1.36E-13 | 2124 | 2.66E-14 | 2226 | 5.73E-14 | 2328 | 8.08E-14 | 2430 | 1.18E-13 | 2532 | 7.80E-14 | 2634 | 1.70E-13 | 2736 | 2.80E-13 | 2838 | 3.96E-13 | 2940 | 6.22E-13 | 3042 | 7.81E-13 | 3144 | 8.16E-13 |
| 2024 | 2.72E-14 | 2126 | | 2228 | 6.17E-14 | 2330 | 6.41E-14 | 2432 | 9.73E-14 | 2534 | 9.13E-14 | 2636 | 2.38E-13 | 2738 | 2.50E-13 | 2840 | 4.17E-13 | 2942 | 6.20E-13 | 3044 | 8.04E-13 | 3146 | 8.62E-13 |
| 2026 | -4.56E-14 | 2128 | 2.20E-13 | 2230 | 1.61E-13 | 2332 | 5.14E-14 | 2434 | 1.10E-13 | 2536 | 5.84E-14 | 2638 | 3.05E-13 | 2740 | 2.15E-13 | 2842 | 3.94E-13 | 2944 | 6.38E-13 | 3046 | 8.11E-13 | 3148 | 9.02E-13 |
| 2028 | 2.96E-14 | 2130 | 7.43E-14 | 2232 | 1.21E-13 | 2334 | 8.40E-14 | 2436 | 8.12E-14 | 2538 | 5.56E-14 | 2640 | 3.32E-13 | 2742 | 1.92E-13 | 2844 | 3.72E-13 | 2946 | 6.21E-13 | 3048 | 8.15E-13 | 3150 | 8.87E-13 |
| 2030 | 1.31E-13 | 2132 | 8.14E-15 | 2234 | 4.94E-14 | 2336 | 1.12E-13 | 2438 | 1.07E-13 | 2540 | 7.18E-14 | 2642 | 3.37E-13 | 2744 | 1.82E-13 | 2846 | 3.45E-13 | 2948 | 6.11E-13 | 3050 | 8.03E-13 | 3152 | 8.28E-13 |
| 2032 | -7.91E-14 | 2134 | -1.48E-14 | 2236 | 1.39E-13 | 2338 | 8.94E-14 | 2440 | 1.27E-13 | 2542 | 8.60E-14 | 2644 | 3.34E-13 | 2746 | 1.80E-13 | 2848 | | 2950 | 6.36E-13 | 3052 | | 3154 | 7.46E-13 |
| 2034 | -3.43E-14 | 2136 | 1.00E-13 | 2238 | 1.62E-13 | 2340 | 5.63E-14 | 2442 | 1.05E-13 | 2544 | 8.91E-14 | 2646 | 3.23E-13 | 2748 | 1.70E-13 | 2850 | | 2952 | 6.59E-13 | 3054 | | 3156 | 7.06E-13 |
| 2036 | 9.44E-14 | 2138 | 1.28E-13 | 2240 | 1.59E-13 | 2342 | 1.92E-14 | 2444 | 1.10E-13 | 2546 | 8.09E-14 | 2648 | 3.25E-13 | 2750 | 1.75E-13 | 2852 | | 2954 | 6.63E-13 | 3056 | | 3158 | 7.08E-13 |
| 2038 | 2.26E-15 | 2140 | 1.10E-13 | 2242 | 1.47E-13 | 2344 | 4.00E-14 | 2446 | 1.23E-13 | 2548 | 8.72E-14 | 2650 | 3.36E-13 | 2752 | 1.92E-13 | 2854 | | 2956 | 6.76E-13 | 3058 | | 3160 | 7.49E-13 |
| 2040 | -1.09E-13 | 2142 | 5.85E-14 | 2244 | 9.38E-14 | 2346 | 5.20E-14 | 2448 | 1.04E-13 | 2550 | 8.98E-14 | 2652 | 3.41E-13 | 2754 | 2.13E-13 | 2856 | 3.11E-13 | 2958 | 7.10E-13 | 3060 | | 3162 | 8.04E-13 |
| 2042 | 3.85E-14 | 2144 | 5.89E-14 | 2246 | 1.05E-13 | 2348 | 1.83E-14 | 2450 | 8.47E-14 | 2552 | 1.05E-13 | 2654 | 3.39E-13 | 2756 | 2.34E-13 | 2858 | 3.49E-13 | 2960 | 7.09E-13 | 3062 | 6.95E-13 | 3164 | 8.74E-13 |
| 2044 | 1.64E-14 | 2146 | 1.63E-13 | 2248 | 1.40E-13 | 2350 | 7.65E-14 | 2452 | 8.69E-14 | 2554 | 1.21E-13 | 2656 | 3.49E-13 | 2758 | 2.68E-13 | 2860 | 4.28E-13 | 2962 | 6.77E-13 | 3064 | 6.96E-13 | 3166 | 9.26E-13 |
| 2046 | -9.68E-14 | 2148 | 2.29E-13 | 2250 | 9.58E-14 | 2352 | 8.32E-14 | 2454 | 8.07E-14 | 2556 | 1.17E-13 | 2658 | 3.68E-13 | 2760 | 2.92E-13 | 2862 | 4.84E-13 | 2964 | 6.31E-13 | 3066 | 7.00E-13 | 3168 | 9.26E-13 |
| 2048 | -3.14E-14 | 2150 | 1.26E-13 | 2252 | 4.70E-14 | 2354 | 9.40E-14 | 2456 | 7.34E-14 | 2558 | 1.31E-13 | 2660 | 3.74E-13 | 2762 | 3.08E-13 | 2864 | 4.87E-13 | 2966 | 6.09E-13 | 3068 | 7.19E-13 | 3170 | 9.27E-13 |
| 2050 | -6.72E-15 | 2152 | 9.98E-14 | 2254 | 8.74E-14 | 2356 | 6.32E-14 | 2458 | 8.03E-14 | 2560 | 1.19E-13 | 2662 | 3.35E-13 | 2764 | 3.17E-13 | 2866 | 4.59E-13 | 2968 | 6.08E-13 | 3070 | 7.34E-13 | 3172 | 9.27E-13 |
| 2052 | 1.59E-15 | 2154 | 1.99E-13 | 2256 | 1.08E-13 | 2358 | 9.42E-14 | 2460 | 6.86E-14 | 2562 | 1.18E-13 | 2664 | 3.22E-13 | 2766 | 3.17E-13 | 2868 | 4.65E-13 | 2970 | 6.07E-13 | 3072 | 7.43E-13 | 3174 | 9.06E-13 |
| 2054 | 3.87E-14 | 2156 | 6.37E-14 | 2258 | 9.32E-14 | 2360 | 9.50E-14 | 2462 | 5.61E-14 | 2564 | 1.20E-13 | 2666 | 3.29E-13 | 2768 | 3.14E-13 | 2870 | 4.73E-13 | 2972 | 6.40E-13 | 3074 | 7.39E-13 | 3176 | 8.46E-13 |
| 2056 | 4.88E-14 | 2158 | 1.18E-13 | 2260 | 8.66E-14 | 2362 | 5.79E-14 | 2464 | 7.77E-14 | 2566 | 1.43E-13 | 2668 | 3.21E-13 | 2770 | 2.99E-13 | 2872 | 4.79E-13 | 2974 | 6.93E-13 | 3076 | 7.45E-13 | 3178 | 7.73E-13 |
| 2058 | -5.76E-14 | 2160 | 1.73E-13 | 2262 | 1.07E-13 | 2364 | 2.16E-14 | 2466 | 9.18E-14 | 2568 | 1.69E-13 | 2670 | 3.21E-13 | 2772 | 3.15E-13 | 2874 | 4.58E-13 | 2976 | 7.11E-13 | 3078 | 7.59E-13 | 3180 | 7.04E-13 |
| 2060 | -1.08E-13 | 2162 | 4.76E-14 | 2264 | 7.68E-14 | 2366 | 8.19E-14 | 2468 | 9.57E-14 | 2570 | 1.72E-13 | 2672 | 3.40E-13 | 2774 | 3.31E-13 | 2876 | 4.40E-13 | 2978 | 6.82E-13 | 3080 | 7.61E-13 | 3182 | 7.14E-13 |
| 2062 | -1.50E-13 | 2164 | 2.50E-14 | 2266 | 4.59E-14 | 2368 | 1.03E-13 | 2470 | 9.59E-14 | 2572 | 1.74E-13 | 2674 | 3.47E-13 | 2776 | 3.22E-13 | 2878 | 4.14E-13 | 2980 | 6.07E-13 | 3082 | 7.81E-13 | 3184 | 7.90E-13 |
| 2064 | -9.11E-14 | 2166 | 8.32E-14 | 2268 | 1.65E-14 | 2370 | 6.63E-14 | 2472 | 8.40E-14 | 2574 | 1.81E-13 | 2676 | 3.45E-13 | 2778 | 2.76E-13 | 2880 | 3.84E-13 | 2982 | 5.41E-13 | 3084 | 7.99E-13 | 3186 | 8.47E-13 |
| 2066 | -2.37E-14 | 2168 | 5.87E-14 | 2270 | 2.48E-14 | 2372 | 8.92E-14 | 2474 | 9.41E-14 | 2576 | 1.56E-13 | 2678 | 3.30E-13 | 2780 | 2.40E-13 | 2882 | 3.82E-13 | 2984 | 5.16E-13 | 3086 | 7.45E-13 | 3188 | 8.75E-13 |
| 2068 | -1.42E-13 | 2170 | 8.74E-14 | 2272 | 6.06E-15 | 2374 | 9.33E-14 | 2476 | 1.03E-13 | 2578 | 1.42E-13 | 2680 | 3.08E-13 | 2782 | 2.13E-13 | 2884 | 4.31E-13 | 2986 | 5.41E-13 | 3088 | 6.86E-13 | 3190 | 8.88E-13 |
| 2070 | -8.09E-14 | 2172 | 8.37E-14 | 2274 | 4.73E-14 | 2376 | 6.26E-14 | 2478 | 1.25E-13 | 2580 | 1.71E-13 | 2682 | 3.10E-13 | 2784 | 2.15E-13 | 2886 | 4.93E-13 | 2988 | 6.02E-13 | 3090 | 6.31E-13 | 3192 | 8.84E-13 |
| 2072 | -3.11E-14 | 2174 | 7.13E-14 | 2276 | 7.94E-14 | 2378 | 4.90E-14 | 2480 | 9.86E-14 | 2582 | 1.68E-13 | 2684 | 3.17E-13 | 2786 | 2.13E-13 | 2888 | 5.27E-13 | 2990 | 6.66E-13 | 3092 | 5.95E-13 | 3194 | 8.86E-13 |
| 2074 | 1.07E-13 | 2176 | 6.95E-14 | 2278 | 3.78E-14 | 2380 | 8.68E-14 | 2482 | 7.32E-14 | 2584 | 1.74E-13 | 2686 | 3.21E-13 | 2788 | 1.98E-13 | 2890 | 5.23E-13 | 2992 | 6.70E-13 | 3094 | 6.37E-13 | 3196 | 9.10E-13 |
| 2076 | 2.19E-13 | 2178 | 3.16E-14 | 2280 | 5.86E-14 | 2382 | 6.46E-14 | 2484 | 7.44E-14 | 2586 | 1.61E-13 | 2688 | 3.33E-13 | 2790 | 1.51E-13 | 2892 | 5.39E-13 | 2994 | 6.51E-13 | 3096 | 6.60E-13 | 3198 | 9.49E-13 |


HD 205153 G0 IV
V=8.21 (B-V)=0.55 E(B-V)=-0.08
LAP: LWP 14536
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
12
9
6
3
0
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 73593 G0 IV V=5.37 (B-V)=0.99 E(B-V)=0.36

LAP: LWP 7259

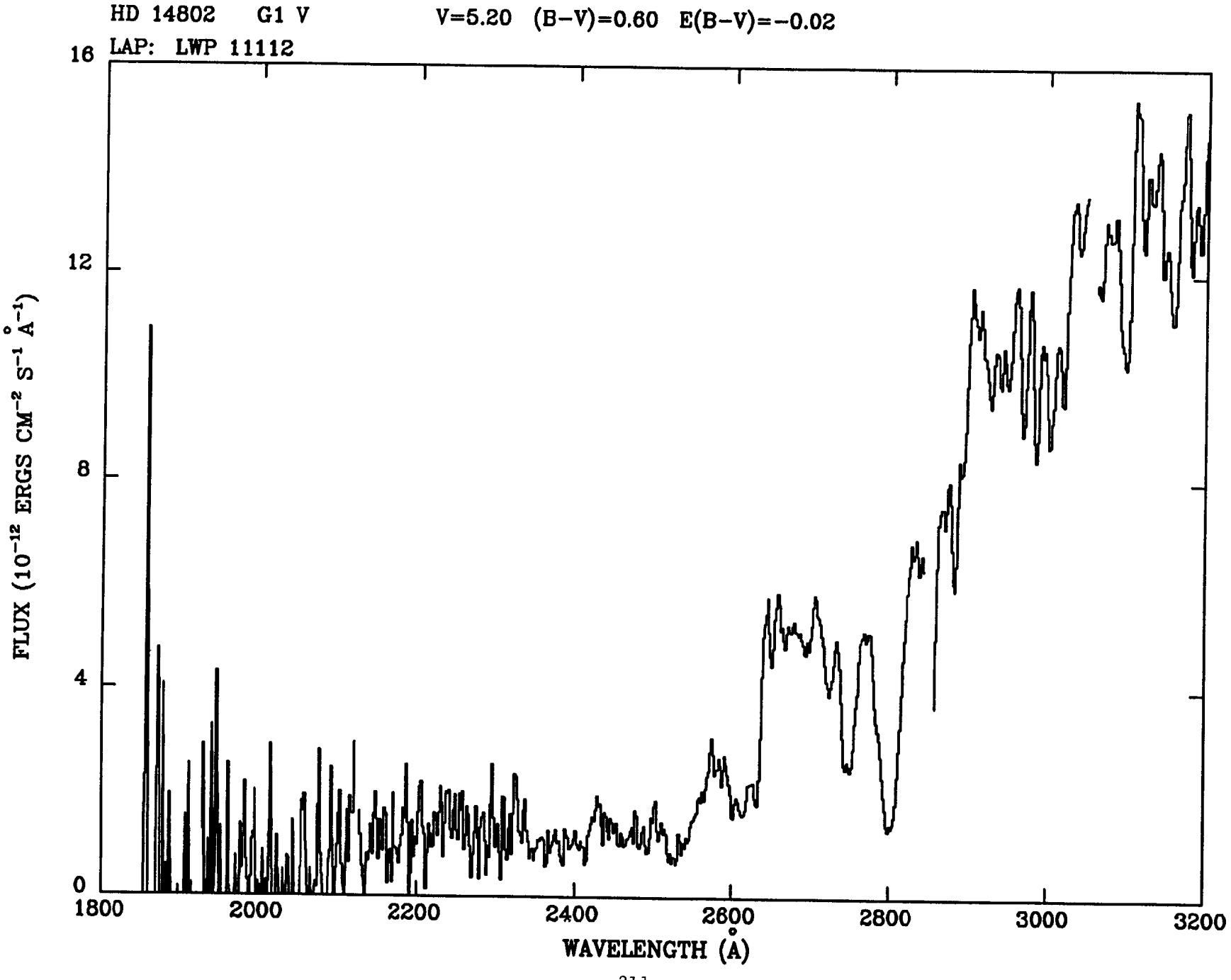
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.36E-13 | 2078 | 8.40E-13 | 2180 | -4.23E-14 | 2282 | 1.00E-13 | 2384 | -1.24E-14 | 2486 | 1.46E-13 | 2588 | 1.07E-13 | 2690 | 3.05E-13 | 2792 | 3.47E-13 | 2894 | 1.28E-12 | 2996 | 1.31E-12 | 3098 | 2.01E-12 |
| 1978 | 1.66E-13 | 2080 | 2.92E-13 | 2182 | -3.00E-14 | 2284 | 1.50E-13 | 2386 | -2.63E-15 | 2488 | 1.68E-13 | 2590 | 1.34E-13 | 2692 | 3.10E-13 | 2794 | 3.61E-13 | 2896 | 1.41E-12 | 2998 | 1.21E-12 | 3100 | 2.12E-12 |
| 1980 | -1.98E-13 | 2082 | -1.54E-13 | 2184 | 1.60E-13 | 2286 | 9.98E-14 | 2388 | 1.29E-13 | 2490 | 9.00E-14 | 2592 | 8.85E-14 | 2694 | 3.32E-13 | 2796 | 3.61E-13 | 2898 | 1.57E-12 | 3000 | 1.07E-12 | 3102 | 2.38E-12 |
| 1982 | -3.47E-13 | 2084 | -4.88E-13 | 2186 | 3.02E-13 | 2288 | -1.85E-13 | 2390 | -6.07E-15 | 2492 | 6.79E-14 | 2594 | 1.02E-13 | 2696 | 3.41E-13 | 2798 | 3.70E-13 | 2900 | 1.71E-12 | 3002 | 1.01E-12 | 3104 | 2.73E-12 |
| 1984 | 3.00E-13 | 2086 | -3.35E-13 | 2188 | 4.33E-13 | 2290 | -6.08E-14 | 2392 | 9.44E-14 | 2494 | 7.08E-14 | 2596 | 1.10E-13 | 2698 | 3.45E-13 | 2800 | 3.62E-13 | 2902 | 1.76E-12 | 3004 | 1.03E-12 | 3106 | 3.14E-12 |
| 1986 | -1.82E-13 | 2088 | -1.97E-13 | 2190 | -2.17E-13 | 2292 | -1.37E-13 | 2394 | 1.53E-13 | 2496 | 1.42E-13 | 2598 | 1.13E-13 | 2700 | 3.29E-13 | 2802 | 3.13E-13 | 2904 | 1.82E-12 | 3006 | 1.07E-12 | 3108 | 3.44E-12 |
| 1988 | -4.27E-13 | 2090 | -5.71E-14 | 2192 | -3.29E-13 | 2294 | 4.34E-13 | 2396 | 6.62E-14 | 2498 | 9.28E-14 | 2600 | 9.69E-14 | 2702 | 3.52E-13 | 2804 | 3.13E-13 | 2906 | 1.76E-12 | 3008 | 1.09E-12 | 3110 | 3.58E-12 |
| 1990 | -3.34E-13 | 2092 | 7.87E-13 | 2194 | 1.33E-13 | 2296 | 5.04E-13 | 2398 | -2.60E-14 | 2500 | 1.98E-14 | 2602 | 1.10E-13 | 2704 | 3.92E-13 | 2806 | 3.37E-13 | 2908 | 1.68E-12 | 3010 | 1.22E-12 | 3112 | 3.54E-12 |
| 1992 | -1.76E-13 | 2094 | -1.40E-14 | 2196 | 6.20E-14 | 2298 | -8.46E-15 | 2400 | 9.82E-14 | 2502 | 2.01E-13 | 2604 | 1.44E-13 | 2706 | 4.22E-13 | 2808 | 3.61E-13 | 2910 | 1.68E-12 | 3012 | 1.33E-12 | 3114 | 3.38E-12 |
| 1994 | 2.41E-13 | 2096 | -3.01E-13 | 2198 | 4.76E-14 | 2300 | 1.06E-13 | 2402 | 2.14E-13 | 2504 | 2.10E-13 | 2606 | 1.78E-13 | 2708 | 4.46E-13 | 2810 | 4.03E-13 | 2912 | 1.71E-12 | 3014 | 1.31E-12 | 3116 | 3.13E-12 |
| 1996 | 6.41E-13 | 2098 | 2.16E-13 | 2200 | -4.58E-15 | 2302 | 2.15E-13 | 2404 | 1.32E-13 | 2506 | 4.25E-14 | 2608 | 2.08E-13 | 2710 | 4.46E-13 | 2812 | 4.31E-13 | 2914 | 1.72E-12 | 3016 | 1.16E-12 | 3118 | 2.96E-12 |
| 1998 | -2.98E-13 | 2100 | 8.79E-14 | 2202 | 2.09E-13 | 2304 | -3.02E-14 | 2406 | 5.29E-14 | 2508 | 3.40E-14 | 2610 | 2.33E-13 | 2712 | 4.51E-13 | 2814 | 4.94E-13 | 2916 | 1.69E-12 | 3018 | 9.92E-13 | 3120 | 2.83E-12 |
| 2000 | -4.82E-13 | 2102 | 5.29E-13 | 2204 | 2.93E-13 | 2306 | -2.56E-13 | 2408 | 2.84E-13 | 2510 | 1.17E-13 | 2612 | 1.63E-13 | 2714 | 4.83E-13 | 2816 | 5.61E-13 | 2918 | 1.72E-12 | 3020 | 9.33E-13 | 3122 | 2.79E-12 |
| 2002 | -5.06E-13 | 2104 | 3.30E-13 | 2206 | 8.05E-14 | 2308 | 1.02E-13 | 2410 | 2.92E-13 | 2512 | 7.66E-14 | 2614 | 1.32E-13 | 2716 | 4.14E-13 | 2818 | 5.63E-13 | 2920 | 1.80E-12 | 3022 | 1.02E-12 | 3124 | 2.74E-12 |
| 2004 | -2.16E-13 | 2106 | -1.53E-13 | 2208 | -1.29E-13 | 2310 | 2.44E-13 | 2412 | 1.37E-13 | 2514 | 8.12E-14 | 2616 | 1.02E-13 | 2718 | 3.62E-13 | 2820 | 5.67E-13 | 2922 | 1.70E-12 | 3024 | 1.25E-12 | 3126 | 2.73E-12 |
| 2006 | -3.08E-13 | 2108 | -4.93E-13 | 2210 | -9.54E-14 | 2312 | -1.33E-13 | 2414 | -9.55E-14 | 2516 | 1.39E-13 | 2618 | 8.42E-14 | 2720 | 3.24E-13 | 2822 | 5.96E-13 | 2924 | 1.57E-12 | 3026 | 1.54E-12 | 3128 | 2.88E-12 |
| 2008 | -1.30E-12 | 2110 | -2.62E-14 | 2212 | -6.65E-13 | 2314 | -9.36E-14 | 2416 | 1.12E-14 | 2518 | 7.89E-14 | 2620 | 1.24E-13 | 2722 | 3.24E-13 | 2824 | 6.11E-13 | 2926 | 1.51E-12 | 3028 | 1.83E-12 | 3130 | 3.01E-12 |
| 2010 | -2.27E-13 | 2112 | 2.71E-13 | 2214 | -1.46E-13 | 2316 | 2.83E-13 | 2418 | 1.21E-13 | 2520 | 4.79E-14 | 2622 | 1.53E-13 | 2724 | 3.34E-13 | 2826 | 6.26E-13 | 2928 | 1.59E-12 | 3030 | 2.09E-12 | 3132 | 3.08E-12 |
| 2012 | -1.71E-13 | 2114 | 1.65E-14 | 2216 | 9.57E-14 | 2318 | 2.39E-13 | 2420 | 8.76E-15 | 2522 | 5.43E-14 | 2624 | 2.16E-13 | 2726 | 3.75E-13 | 2828 | 6.60E-13 | 2930 | 1.76E-12 | 3032 | 2.22E-12 | 3134 | 3.18E-12 |
| 2014 | 7.53E-13 | 2116 | 4.19E-13 | 2218 | 4.10E-14 | 2320 | 1.13E-13 | 2422 | -4.44E-14 | 2524 | 3.75E-14 | 2626 | 2.24E-13 | 2728 | 4.33E-13 | 2830 | 6.62E-13 | 2932 | 1.92E-12 | 3034 | 2.20E-12 | 3136 | 3.36E-12 |
| 2016 | -1.66E-13 | 2118 | 1.75E-13 | 2220 | -5.97E-14 | 2322 | 2.27E-13 | 2424 | -5.91E-14 | 2526 | 1.06E-13 | 2628 | 1.73E-13 | 2730 | 4.48E-13 | 2832 | 6.73E-13 | 2934 | 1.88E-12 | 3036 | 2.10E-12 | 3138 | 3.46E-12 |
| 2018 | -1.04E-12 | 2120 | 3.46E-13 | 2222 | 2.91E-13 | 2324 | 5.40E-13 | 2426 | 1.93E-14 | 2528 | 8.65E-14 | 2630 | 2.05E-13 | 2732 | 4.20E-13 | 2834 | 6.27E-13 | 2936 | 1.68E-12 | 3038 | 1.92E-12 | 3140 | 3.38E-12 |
| 2020 | -6.13E-13 | 2122 | 6.69E-13 | 2224 | 3.86E-13 | 2326 | 3.94E-13 | 2428 | 1.08E-13 | 2530 | -2.24E-14 | 2632 | 2.23E-13 | 2734 | 3.70E-13 | 2836 | 6.25E-13 | 2938 | 1.51E-12 | 3040 | 1.81E-12 | 3142 | 3.07E-12 |
| 2022 | 1.01E-13 | 2124 | -5.13E-13 | 2226 | 1.88E-13 | 2328 | 2.40E-13 | 2430 | 3.92E-15 | 2532 | 1.33E-13 | 2634 | 2.64E-13 | 2736 | 3.31E-13 | 2838 | 6.07E-13 | 2940 | 1.50E-12 | 3042 | 1.79E-12 | 3144 | 2.78E-12 |
| 2024 | -1.04E-13 | 2126 | -5.19E-14 | 2228 | 1.68E-13 | 2330 | 2.88E-15 | 2432 | 3.87E-15 | 2534 | 2.12E-13 | 2636 | 2.76E-13 | 2738 | 2.97E-13 | 2840 | 5.92E-13 | 2942 | 1.55E-12 | 3044 | 1.90E-12 | 3146 | 2.83E-12 |
| 2026 | -4.62E-13 | 2128 | 5.01E-13 | 2230 | 4.72E-13 | 2332 | 5.18E-14 | 2434 | 1.44E-14 | 2536 | 6.07E-14 | 2638 | 2.86E-13 | 2740 | 2.77E-13 | 2842 | 5.89E-13 | 2944 | 1.57E-12 | 3046 | 2.06E-12 | 3148 | 3.10E-12 |
| 2028 | -2.75E-13 | 2130 | 4.18E-14 | 2232 | 1.51E-13 | 2334 | 3.17E-13 | 2436 | -7.05E-14 | 2538 | 2.36E-14 | 2640 | 3.29E-13 | 2742 | 2.61E-13 | 2844 | 5.31E-13 | 2946 | 1.56E-12 | 3048 | 2.24E-12 | 3150 | 3.28E-12 |
| 2030 | 3.98E-13 | 2132 | -4.18E-14 | 2234 | -8.77E-14 | 2336 | 5.59E-13 | 2438 | 2.14E-13 | 2540 | 4.05E-15 | 2642 | 3.33E-13 | 2744 | 2.72E-13 | 2846 | | 2948 | 1.53E-12 | 3050 | 2.33E-12 | 3152 | 3.30E-12 |
| 2032 | -6.68E-13 | 2134 | -3.05E-13 | 2236 | 3.47E-14 | 2338 | 2.49E-13 | 2440 | 4.15E-14 | 2542 | 5.59E-14 | 2644 | 3.07E-13 | 2746 | 3.14E-13 | 2848 | | 2950 | 1.51E-12 | 3052 | | 3154 | 3.06E-12 |
| 2034 | -1.96E-13 | 2136 | -1.32E-13 | 2238 | 1.06E-13 | 2340 | -9.92E-14 | 2442 | -3.28E-14 | 2544 | 3.80E-14 | 2646 | | 2748 | 3.19E-13 | 2850 | | 2952 | 1.54E-12 | 3054 | | 3156 | 2.81E-12 |
| 2036 | 3.72E-13 | 2138 | -7.85E-14 | 2240 | 2.15E-13 | 2342 | -1.03E-13 | 2444 | -9.27E-15 | 2546 | 9.66E-15 | 2648 | 2.58E-13 | 2750 | 3.43E-13 | 2852 | | 2954 | 1.64E-12 | 3056 | | 3158 | 2.64E-12 |
| 2038 | -3.99E-13 | 2140 | -1.94E-13 | 2242 | 1.97E-13 | 2344 | 5.95E-14 | 2446 | 7.92E-14 | 2548 | 5.54E-14 | 2650 | 2.96E-13 | 2752 | 3.72E-13 | 2854 | | 2956 | 1.68E-12 | 3058 | | 3160 | 2.61E-12 |
| 2040 | -9.32E-13 | 2142 | 1.30E-13 | 2244 | -1.72E-14 | 2346 | 3.74E-14 | 2448 | 3.46E-14 | 2550 | 7.14E-14 | 2652 | 2.97E-13 | 2754 | 3.77E-13 | 2856 | 2.63E-13 | 2958 | 1.72E-12 | 3060 | 1.79E-12 | 3162 | 2.78E-12 |
| 2042 | -3.72E-14 | 2144 | 8.22E-14 | 2246 | 2.06E-13 | 2348 | 5.25E-14 | 2450 | 1.23E-14 | 2552 | 1.28E-13 | 2654 | 3.05E-13 | 2756 | 3.80E-13 | 2858 | 3.19E-13 | 2960 | 1.79E-12 | 3062 | 1.82E-12 | 3164 | 3.05E-12 |
| 2044 | 3.02E-13 | 2146 | 1.46E-13 | 2248 | 4.01E-13 | 2350 | 3.53E-13 | 2452 | 1.01E-13 | 2554 | 1.03E-13 | 2656 | 3.13E-13 | 2758 | 3.97E-13 | 2860 | 4.00E-13 | 2962 | 1.71E-12 | 3064 | 1.77E-12 | 3166 | 3.33E-12 |
| 2046 | -2.19E-13 | 2148 | 2.66E-13 | 2250 | 1.45E-13 | 2352 | 1.10E-13 | 2454 | 3.56E-14 | 2556 | 4.88E-14 | 2658 | 3.45E-13 | 2760 | 4.13E-13 | 2862 | 4.66E-13 | 2964 | 1.46E-12 | 3066 | 1.80E-12 | 3168 | 3.56E-12 |
| 2048 | -1.59E-13 | 2150 | -7.88E-14 | 2252 | -5.89E-14 | 2354 | 1.38E-13 | 2456 | 1.82E-14 | 2558 | 9.04E-14 | 2660 | 3.70E-13 | 2762 | 4.95E-13 | 2864 | 5.55E-13 | 2966 | 1.16E-12 | 3068 | 2.01E-12 | 3170 | 3.85E-12 |
| 2050 | -3.71E-13 | 2152 | -2.07E-13 | 2254 | 2.82E-13 | 2356 | 6.80E-14 | 2458 | 7.00E-14 | 2560 | 9.68E-14 | 2662 | 3.31E-13 | 2764 | 5.54E-13 | 2866 | 6.72E-13 | 2968 | 1.01E-12 | 3070 | 2.34E-12 | 3172 | 4.12E-12 |
| 2052 | -1.05E-13 | 2154 | 3.40E-13 | 2256 | 5.12E-13 | 2358 | 2.72E-13 | 2460 | 1.07E-13 | 2562 | 1.40E-13 | 2664 | 3.74E-13 | 2766 | 5.90E-13 | 2868 | 7.23E-13 | 2970 | 1.02E-12 | 3072 | 2.58E-12 | 3174 | 4.20E-12 |
| 2054 | 4.46E-13 | 2156 | 2.38E-14 | 2258 | 3.68E-13 | 2360 | 2.55E-13 | 2462 | -1.60E-14 | 2564 | 1.42E-13 | 2666 | 3.62E-13 | 2768 | 5.87E-13 | 2870 | 7.43E-13 | 2972 | 1.14E-12 | 3074 | 2.57E-12 | 3176 | 4.08E-12 |
| 2056 | 6.64E-13 | 2158 | 8.52E-14 | 2260 | -1.17E-13 | 2362 | 1.39E-13 | 2464 | 1.08E-14 | 2566 | 1.33E-13 | 2668 | 3.63E-13 | 2770 | 5.42E-13 | 2872 | 7.60E-13 | 2974 | 1.38E-12 | 3076 | 2.50E-12 | 3178 | 3.85E-12 |
| 2058 | 7.36E-13 | 2160 | 3.52E-13 | 2262 | -9.03E-14 | 2364 | -6.55E-14 | 2466 | 5.78E-15 | 2568 | 1.28E-13 | 2670 | 3.92E-13 | 2772 | 5.17E-13 | 2874 | 7.66E-13 | 2976 | 1.65E-12 | 3078 | 2.51E-12 | 3180 | 3.57E-12 |
| 2060 | 4.98E-13 | 2162 | -1.95E-13 | 2264 | 2.15E-13 | 2366 | 1.15E-13 | 2468 | 1.08E-13 | 2570 | 9.06E-14 | 2672 | 4.12E-13 | 2774 | 5.36E-13 | 2876 | 7.77E-13 | 2978 | 1.79E-12 | 3080 | 2.56E-12 | 3182 | 3.42E-12 |
| 2062 | -3.97E-13 | 2164 | -1.30E-13 | 2266 | 3.09E-13 | 2368 | 2.47E-14 | 2470 | 7.03E-14 | 2572 | 1.13E-13 | 2674 | 4.07E-13 | 2776 | 5.30E-13 | 2878 | 7.31E-13 | 2980 | 1.65E-12 | 3082 | 2.53E-12 | 3184 | 3.42E-12 |
| 2064 | -3.29E-13 | 2166 | 1.54E-13 | 2268 | 2.65E-14 | 2370 | -6.03E-14 | 2472 | 9.59E-15 | 2574 | 1.62E-13 | 2676 | 3.71E-13 | 2778 | 5.01E-13 | 2880 | 6.86E-13 | 2982 | 1.36E-12 | 3084 | 2.42E-12 | 3186 | 3.50E-12 |
| 2066 | 3.98E-13 | 2168 | -9.72E-14 | 2270 | -1.79E-13 | 2372 | -4.24E-14 | 2474 | -2.87E-15 | 2576 | 6.57E-14 | 2678 | 3.73E-13 | 2780 | 4.56E-13 | 2882 | 6.95E-13 | 2984 | 1.12E-12 | 3086 | 2.26E-12 | 3188 | 3.57E-12 |
| 2068 | -2.90E-13 | 2170 | 1.29E-13 | 2272 | -1.68E-13 | 2374 | 9.71E-15 | 2476 | 7.19E-14 | 2578 | 4.47E-14 | 2680 | 3.91E-13 | 2782 | 4.86E-13 | 2884 | 7.60E-13 | 2986 | 1.10E-12 | 3088 | 2.19E-12 | 3190 | 3.54E-12 |
| 2070 | 7.26E-14 | 2172 | -5.40E-14 | 2274 | 3.32E-13 | 2376 | 9.57E-15 | 2478 | 2.00E-13 | 2580 | 1.28E-13 | 2682 | 3.69E-13 | 2784 | 4.67E-13 | 2886 | 9.32E-13 | 2988 | 1.30E-12 | 3090 | 2.12E-12 | 3192 | 3.44E-12 |
| 2072 | 1.31E-13 | 2174 | -1.20E-13 | 2276 | 4.32E-13 | 2378 | -1.64E-14 | 2480 | 7.97E-14 | 2582 | 6.52E-14 | 2684 | 3.60E-13 | 2786 | 4.27E-13 | 2888 | 1.10E-12 | 2990 | 1.46E-12 | 3092 | 2.03E-12 | 3194 | 3.57E-12 |
| 2074 | 5.24E-13 | 2176 | 2.02E-13 | 2278 | -1.20E-14 | 2380 | 1.51E-13 | 2482 | 9.33E-15 | 2584 | 1.56E-13 | 2686 | 3.76E-13 | 2788 | 3.92E-13 | 2890 | 1.16E-12 | 2992 | 1.43E-12 | 3094 | 2.14E-12 | 3196 | 3.69E-12 |
| 2076 | 1.24E-12 | 2178 | 6.02E-14 | 2280 | -8.02E-15 | 2382 | 9.50E-14 | 2484 | 6.53E-14 | 2586 | 1.65E-13 | 2688 | 3.58E-13 | 2790 | 3.49E-13 | 2892 | 1.22E-12 | 2994 | 1.36E-12 | 3096 | 2.12E-12 | 3198 | 3.67E-12 |


HD 73593 G0 IV V=5.37 (B-V)=0.99 E(B-V)=0.36
LAP: LWP 7259
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 14802 G1 V V=5.20 (B-V)=0.60 E(B-V)=-0.02**

**LAP: LWP 11112**

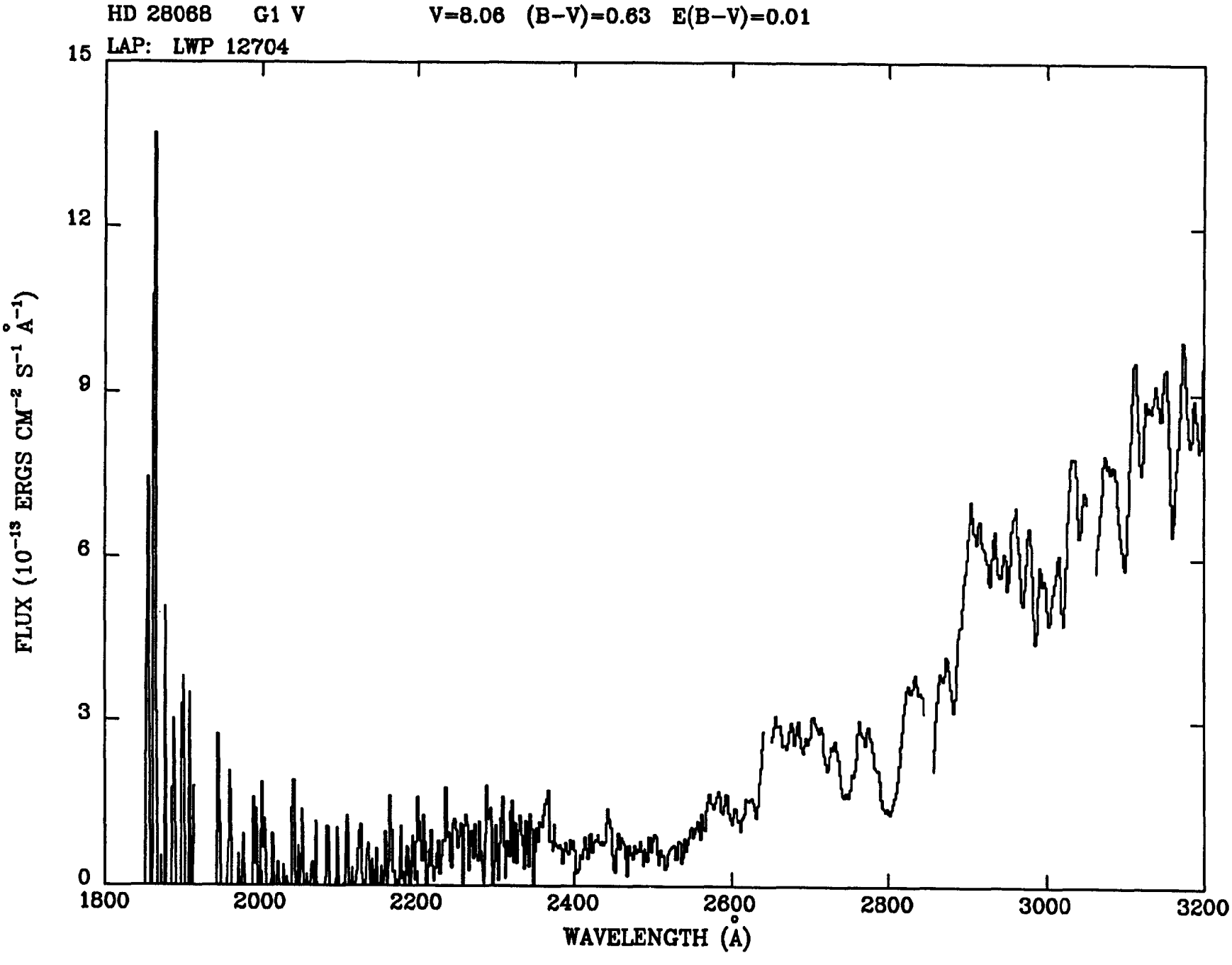
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 5.45E-13 | 2078 | 1.80E-12 | 2180 | 9.70E-13 | 2282 | 1.45E-12 | 2384 | 6.70E-13 | 2486 | 1.19E-12 | 2588 | 2.25E-12 | 2690 | 4.91E-12 | 2792 | 2.17E-12 | 2894 | 8.43E-12 | 2996 | 1.05E-11 | 3098 | 1.03E-11 |
| 1978 | 8.16E-13 | 2080 | 5.77E-13 | 2182 | 1.24E-12 | 2284 | 1.58E-12 | 2386 | 7.91E-13 | 2488 | 1.34E-12 | 2590 | 2.56E-12 | 2692 | 4.74E-12 | 2794 | 1.85E-12 | 2896 | 9.02E-12 | 2998 | 1.03E-11 | 3100 | 1.03E-11 |
| 1980 | 9.54E-13 | 2082 | -1.85E-13 | 2184 | 1.65E-12 | 2286 | 1.20E-12 | 2388 | 1.27E-12 | 2490 | 1.06E-12 | 2592 | 2.67E-12 | 2694 | 4.71E-12 | 2796 | 1.54E-12 | 2898 | 9.96E-12 | 3000 | 9.59E-12 | 3102 | 1.06E-11 |
| 1982 | 1.93E-12 | 2084 | -9.95E-13 | 2186 | 1.76E-12 | 2288 | 5.49E-13 | 2390 | 1.17E-12 | 2492 | 8.66E-13 | 2594 | 2.49E-12 | 2696 | 4.95E-12 | 2798 | 1.35E-12 | 2900 | 1.08E-11 | 3002 | 8.88E-12 | 3104 | 1.17E-11 |
| 1984 | 9.09E-13 | 2086 | -9.12E-13 | 2188 | 2.14E-12 | 2290 | 8.86E-13 | 2392 | 1.04E-12 | 2494 | 8.84E-13 | 2596 | 2.27E-12 | 2698 | 4.83E-12 | 2800 | 1.38E-12 | 2902 | 1.14E-11 | 3004 | 8.72E-12 | 3106 | 1.33E-11 |
| 1986 | 3.31E-13 | 2088 | 3.88E-13 | 2190 | 8.55E-13 | 2292 | 7.69E-13 | 2394 | 9.50E-13 | 2496 | 1.18E-12 | 2598 | 2.07E-12 | 2700 | 5.07E-12 | 2802 | 1.38E-12 | 2904 | 1.17E-11 | 3006 | 9.11E-12 | 3108 | 1.48E-11 |
| 1988 | 3.70E-14 | 2090 | 8.28E-13 | 2192 | 2.15E-13 | 2294 | 1.81E-12 | 2396 | 9.95E-13 | 2498 | 1.53E-12 | 2600 | 1.71E-12 | 2702 | 5.35E-12 | 2804 | 1.42E-12 | 2906 | 1.14E-11 | 3008 | 9.45E-12 | 3110 | 1.53E-11 |
| 1990 | 4.18E-13 | 2092 | 2.39E-12 | 2194 | 9.94E-13 | 2296 | 2.45E-12 | 2398 | 1.08E-12 | 2500 | 1.53E-12 | 2602 | 1.55E-12 | 2704 | 5.70E-12 | 2806 | 1.54E-12 | 2908 | 1.11E-11 | 3010 | 1.01E-11 | 3112 | 1.52E-11 |
| 1992 | 1.11E-12 | 2094 | 9.57E-13 | 2196 | 1.03E-12 | 2298 | 1.43E-12 | 2400 | 1.23E-12 | 2502 | 1.78E-12 | 2604 | 1.77E-12 | 2706 | 5.81E-12 | 2808 | 1.80E-12 | 2910 | 1.09E-11 | 3012 | 1.06E-11 | 3114 | 1.51E-11 |
| 1994 | 1.41E-12 | 2096 | -1.03E-12 | 2198 | 9.99E-13 | 2300 | 1.02E-12 | 2402 | 1.08E-12 | 2504 | 1.65E-12 | 2606 | 1.91E-12 | 2708 | 5.63E-12 | 2810 | 2.35E-12 | 2912 | 1.09E-11 | 3014 | 1.07E-11 | 3116 | 1.45E-11 |
| 1996 | 1.33E-12 | 2098 | 6.13E-13 | 2200 | 1.03E-12 | 2302 | 1.26E-12 | 2404 | 9.58E-13 | 2506 | 1.21E-12 | 2608 | 1.86E-12 | 2710 | 5.43E-12 | 2812 | 2.90E-12 | 2914 | 1.12E-11 | 3016 | 1.05E-11 | 3118 | 1.34E-11 |
| 1998 | -2.42E-13 | 2100 | 1.13E-12 | 2202 | 1.49E-12 | 2304 | 1.20E-12 | 2406 | 9.16E-13 | 2508 | 1.18E-12 | 2610 | 1.70E-12 | 2712 | 5.35E-12 | 2814 | 3.40E-12 | 2916 | 1.11E-11 | 3018 | 1.00E-11 | 3120 | 1.27E-11 |
| 2000 | -2.03E-13 | 2102 | 1.73E-12 | 2204 | 2.03E-12 | 2306 | 6.12E-13 | 2408 | 1.06E-12 | 2510 | 1.37E-12 | 2612 | 1.61E-12 | 2714 | 5.14E-12 | 2816 | 4.11E-12 | 2918 | 1.06E-11 | 3020 | 9.53E-12 | 3122 | 1.25E-11 |
| 2002 | 1.18E-13 | 2104 | 1.45E-12 | 2206 | 2.20E-12 | 2308 | 1.13E-12 | 2410 | 9.70E-13 | 2512 | 1.32E-12 | 2614 | 1.59E-12 | 2716 | 4.94E-12 | 2818 | 4.72E-12 | 2920 | 1.04E-11 | 3022 | 9.82E-12 | 3124 | 1.32E-11 |
| 2004 | 3.19E-15 | 2106 | 4.25E-13 | 2208 | 1.32E-12 | 2310 | 1.91E-12 | 2412 | 9.15E-13 | 2514 | 1.29E-12 | 2616 | 1.63E-12 | 2718 | 4.59E-12 | 2820 | 5.13E-12 | 2922 | 1.03E-11 | 3024 | 1.08E-11 | 3126 | 1.39E-11 |
| 2006 | 8.28E-13 | 2108 | -7.40E-14 | 2210 | 1.09E-12 | 2312 | 1.25E-12 | 2414 | 6.51E-13 | 2516 | 1.24E-12 | 2618 | 1.76E-12 | 2720 | 4.24E-12 | 2822 | 5.62E-12 | 2924 | 1.00E-11 | 3026 | 1.17E-11 | 3128 | 1.39E-11 |
| 2008 | -1.25E-12 | 2110 | 4.78E-13 | 2212 | 2.48E-13 | 2314 | 7.65E-13 | 2416 | 8.49E-13 | 2518 | 9.28E-13 | 2620 | 2.00E-12 | 2722 | 4.10E-12 | 2824 | 6.06E-12 | 2926 | 9.65E-12 | 3028 | 1.24E-11 | 3130 | 1.35E-11 |
| 2010 | 1.76E-13 | 2112 | 1.42E-12 | 2214 | 9.72E-13 | 2316 | 1.15E-12 | 2418 | 1.22E-12 | 2520 | 7.25E-13 | 2622 | 2.10E-12 | 2724 | 3.93E-12 | 2826 | 6.33E-12 | 2928 | 9.51E-12 | 3030 | 1.31E-11 | 3132 | 1.34E-11 |
| 2012 | -1.35E-13 | 2114 | 8.96E-13 | 2216 | 1.33E-12 | 2318 | 1.55E-12 | 2420 | 1.35E-12 | 2522 | 8.44E-13 | 2624 | 2.19E-12 | 2726 | 4.09E-12 | 2828 | 6.68E-12 | 2930 | 9.89E-12 | 3032 | 1.33E-11 | 3134 | 1.35E-11 |
| 2014 | 1.80E-12 | 2116 | 1.66E-12 | 2218 | 1.11E-12 | 2320 | 8.94E-13 | 2422 | 1.48E-12 | 2524 | 6.70E-13 | 2626 | 2.20E-12 | 2728 | 4.27E-12 | 2830 | 6.63E-12 | 2932 | 1.04E-11 | 3034 | 1.34E-11 | 3136 | 1.39E-11 |
| 2016 | 1.89E-12 | 2118 | 1.64E-12 | 2220 | 9.52E-13 | 2322 | 1.59E-12 | 2424 | 1.50E-12 | 2526 | 7.81E-13 | 2628 | 2.03E-12 | 2730 | 4.58E-12 | 2832 | 6.61E-12 | 2934 | 1.05E-11 | 3036 | 1.33E-11 | 3138 | 1.43E-11 |
| 2018 | -5.53E-13 | 2120 | 1.58E-12 | 2222 | 1.28E-12 | 2324 | 2.36E-12 | 2426 | 1.60E-12 | 2528 | 7.44E-13 | 2630 | 1.84E-12 | 2732 | 4.87E-12 | 2834 | 6.87E-12 | 2936 | 1.05E-11 | 3038 | 1.26E-11 | 3140 | 1.44E-11 |
| 2020 | -1.26E-12 | 2122 | 2.96E-12 | 2224 | 1.53E-12 | 2326 | 2.25E-12 | 2428 | 1.85E-12 | 2530 | 6.58E-13 | 2632 | 1.79E-12 | 2734 | 4.91E-12 | 2836 | 6.65E-12 | 2938 | 1.02E-11 | 3040 | 1.25E-11 | 3142 | 1.37E-11 |
| 2022 | 1.34E-13 | 2124 | | 2226 | 1.27E-12 | 2328 | 1.71E-12 | 2430 | 1.80E-12 | 2532 | 9.05E-13 | 2634 | 2.21E-12 | 2736 | 4.63E-12 | 2838 | 6.27E-12 | 2940 | 9.86E-12 | 3042 | 1.26E-11 | 3144 | 1.25E-11 |
| 2024 | 7.57E-13 | 2126 | | 2228 | 1.48E-12 | 2330 | 1.23E-12 | 2432 | 1.79E-12 | 2534 | 1.18E-12 | 2636 | 3.02E-12 | 2738 | 4.13E-12 | 2840 | 6.48E-12 | 2942 | 1.00E-11 | 3044 | 1.30E-11 | 3146 | 1.20E-11 |
| 2026 | 6.23E-14 | 2128 | 1.51E-12 | 2230 | 1.99E-12 | 2332 | 1.13E-12 | 2434 | 1.44E-12 | 2536 | 9.79E-13 | 2638 | 4.26E-12 | 2740 | 3.42E-12 | 2842 | 6.57E-12 | 2944 | 1.05E-11 | 3046 | 1.33E-11 | 3148 | 1.23E-11 |
| 2028 | -9.62E-13 | 2130 | 9.96E-13 | 2232 | 1.85E-12 | 2334 | 1.32E-12 | 2436 | 1.03E-12 | 2538 | 9.59E-13 | 2640 | 5.07E-12 | 2742 | 2.76E-12 | 2844 | 6.33E-12 | 2946 | 1.04E-11 | 3048 | 1.35E-11 | 3150 | 1.25E-11 |
| 2030 | 1.56E-13 | 2132 | 4.95E-13 | 2234 | 8.70E-13 | 2336 | 1.77E-12 | 2438 | 1.62E-12 | 2540 | 1.00E-12 | 2642 | 5.32E-12 | 2744 | 2.51E-12 | 2846 | | 2948 | 1.00E-11 | 3050 | 1.35E-11 | 3152 | 1.24E-11 |
| 2032 | -1.18E-12 | 2134 | -4.16E-14 | 2236 | 1.41E-12 | 2338 | 1.54E-12 | 2440 | 1.52E-12 | 2542 | 1.09E-12 | 2644 | 5.55E-12 | 2746 | 2.60E-12 | 2848 | | 2950 | 9.86E-12 | 3052 | | 3154 | 1.18E-11 |
| 2034 | -3.62E-13 | 2136 | 1.48E-13 | 2238 | 2.01E-12 | 2340 | 1.14E-12 | 2442 | 1.24E-12 | 2544 | 1.10E-12 | 2646 | 5.59E-12 | 2748 | 2.56E-12 | 2850 | | 2952 | 1.01E-11 | 3054 | | 3156 | 1.13E-11 |
| 2036 | 7.52E-13 | 2138 | 7.44E-13 | 2240 | 1.99E-12 | 2342 | 8.50E-13 | 2444 | 1.22E-12 | 2546 | 1.12E-12 | 2648 | 4.97E-12 | 2750 | 2.46E-12 | 2852 | | 2954 | 1.04E-11 | 3056 | | 3158 | 1.11E-11 |
| 2038 | 4.81E-13 | 2140 | 7.86E-13 | 2242 | 1.84E-12 | 2344 | 8.49E-13 | 2446 | 1.49E-12 | 2548 | 1.34E-12 | 2650 | 4.59E-12 | 2752 | 2.57E-12 | 2854 | | 2956 | 1.11E-11 | 3058 | | 3160 | 1.12E-11 |
| 2040 | -7.15E-13 | 2142 | 1.21E-12 | 2244 | 1.23E-12 | 2346 | 9.18E-13 | 2448 | 1.36E-12 | 2550 | 1.46E-12 | 2652 | 4.65E-12 | 2754 | 2.93E-12 | 2856 | 3.70E-12 | 2958 | 1.16E-11 | 3060 | | 3162 | 1.17E-11 |
| 2042 | 3.66E-13 | 2144 | 9.47E-13 | 2246 | 1.31E-12 | 2348 | 7.35E-13 | 2450 | 1.26E-12 | 2552 | 1.51E-12 | 2654 | 5.13E-12 | 2756 | 3.43E-12 | 2858 | 4.55E-12 | 2960 | 1.18E-11 | 3062 | 1.17E-11 | 3164 | 1.27E-11 |
| 2044 | 9.86E-13 | 2146 | 1.46E-12 | 2248 | 1.80E-12 | 2350 | 8.74E-13 | 2452 | 1.36E-12 | 2554 | 1.58E-12 | 2656 | 5.53E-12 | 2758 | 3.77E-12 | 2860 | 6.04E-12 | 2962 | 1.17E-11 | 3064 | 1.18E-11 | 3166 | 1.34E-11 |
| 2046 | -2.37E-13 | 2148 | 1.95E-12 | 2250 | 1.61E-12 | 2352 | 9.41E-13 | 2454 | 1.19E-12 | 2556 | 1.68E-12 | 2658 | 5.80E-12 | 2760 | 4.14E-12 | 2862 | 7.05E-12 | 2964 | 1.11E-11 | 3066 | 1.17E-11 | 3168 | 1.37E-11 |
| 2048 | -5.49E-13 | 2150 | 1.46E-12 | 2252 | 1.17E-12 | 2354 | 1.09E-12 | 2456 | 1.00E-12 | 2558 | 1.91E-12 | 2660 | 5.71E-12 | 2762 | 4.71E-12 | 2864 | 7.39E-12 | 2966 | 9.99E-12 | 3068 | 1.16E-11 | 3170 | 1.42E-11 |
| 2050 | -5.36E-13 | 2152 | 7.85E-13 | 2254 | 1.62E-12 | 2356 | 1.09E-12 | 2458 | 1.17E-12 | 2560 | 1.92E-12 | 2662 | 5.24E-12 | 2764 | 4.97E-12 | 2866 | 7.50E-12 | 2968 | 9.14E-12 | 3070 | 1.20E-11 | 3172 | 1.49E-11 |
| 2052 | 7.65E-14 | 2154 | 1.43E-12 | 2256 | 1.77E-12 | 2358 | 1.13E-12 | 2460 | 1.18E-12 | 2562 | 1.92E-12 | 2664 | 5.23E-12 | 2766 | 5.03E-12 | 2868 | 7.49E-12 | 2970 | 9.06E-12 | 3072 | 1.27E-11 | 3174 | 1.52E-11 |
| 2054 | 1.37E-12 | 2156 | 1.12E-12 | 2258 | 1.93E-12 | 2360 | 1.12E-12 | 2462 | 1.02E-12 | 2564 | 1.97E-12 | 2666 | 4.99E-12 | 2768 | 5.10E-12 | 2870 | 7.18E-12 | 2972 | 9.62E-12 | 3074 | 1.30E-11 | 3176 | 1.46E-11 |
| 2056 | 1.68E-12 | 2158 | 1.11E-12 | 2260 | 1.13E-12 | 2362 | 8.95E-13 | 2464 | 1.01E-12 | 2566 | 1.99E-12 | 2668 | 4.86E-12 | 2770 | 5.03E-12 | 2872 | 7.55E-12 | 2974 | 1.04E-11 | 3076 | 1.28E-11 | 3178 | 1.34E-11 |
| 2058 | 1.87E-12 | 2160 | 1.65E-12 | 2262 | 1.13E-12 | 2364 | 6.18E-13 | 2466 | 1.13E-12 | 2568 | 2.24E-12 | 2670 | 5.14E-12 | 2772 | 4.99E-12 | 2874 | 7.95E-12 | 2976 | 1.12E-11 | 3078 | 1.28E-11 | 3180 | 1.24E-11 |
| 2060 | 1.17E-12 | 2162 | 9.80E-13 | 2264 | 1.70E-12 | 2366 | 9.90E-13 | 2468 | 1.13E-12 | 2570 | 2.40E-12 | 2672 | 5.23E-12 | 2774 | 5.09E-12 | 2876 | 7.87E-12 | 2978 | 1.17E-11 | 3080 | 1.27E-11 | 3182 | 1.21E-11 |
| 2062 | -4.53E-14 | 2164 | 4.44E-13 | 2266 | 1.54E-12 | 2368 | 1.02E-12 | 2470 | 1.20E-12 | 2572 | 2.70E-12 | 2674 | 5.14E-12 | 2776 | 5.10E-12 | 2878 | 7.25E-12 | 2980 | 1.13E-11 | 3082 | 1.27E-11 | 3184 | 1.28E-11 |
| 2064 | -3.80E-13 | 2166 | 7.77E-13 | 2268 | 8.73E-13 | 2370 | 9.32E-13 | 2472 | 1.30E-12 | 2574 | 3.02E-12 | 2676 | 5.17E-12 | 2778 | 4.79E-12 | 2880 | 6.43E-12 | 2982 | 9.88E-12 | 3084 | 1.30E-11 | 3186 | 1.34E-11 |
| 2066 | 3.94E-13 | 2168 | 4.86E-13 | 2270 | 4.50E-13 | 2372 | 1.05E-12 | 2474 | 1.26E-12 | 2576 | 2.82E-12 | 2678 | 5.29E-12 | 2780 | 4.27E-12 | 2882 | 6.01E-12 | 2984 | 8.77E-12 | 3086 | 1.32E-11 | 3188 | 1.33E-11 |
| 2068 | -6.02E-13 | 2170 | 1.46E-12 | 2272 | 9.10E-13 | 2374 | 1.17E-12 | 2476 | 1.27E-12 | 2578 | 2.41E-12 | 2680 | 5.25E-12 | 2782 | 3.69E-12 | 2884 | 6.23E-12 | 2986 | 8.49E-12 | 3088 | 1.27E-11 | 3190 | 1.29E-11 |
| 2070 | -1.05E-13 | 2172 | 1.21E-12 | 2274 | 1.40E-12 | 2376 | 1.27E-12 | 2478 | 1.63E-12 | 2580 | 2.48E-12 | 2682 | 5.13E-12 | 2784 | 3.38E-12 | 2886 | 7.17E-12 | 2988 | 9.11E-12 | 3090 | 1.21E-11 | 3192 | 1.25E-11 |
| 2072 | 2.38E-13 | 2174 | 9.22E-13 | 2276 | 1.48E-12 | 2378 | 1.05E-12 | 2480 | 1.28E-12 | 2582 | 2.50E-12 | 2684 | 5.09E-12 | 2786 | 3.20E-12 | 2888 | 8.20E-12 | 2990 | 1.01E-11 | 3092 | 1.12E-11 | 3194 | 1.28E-11 |
| 2074 | 7.16E-13 | 2176 | 8.16E-13 | 2278 | 7.71E-13 | 2380 | 1.06E-12 | 2482 | 9.68E-13 | 2584 | 2.68E-12 | 2686 | 5.10E-12 | 2788 | 2.99E-12 | 2890 | 8.19E-12 | 2992 | 1.06E-11 | 3094 | 1.07E-11 | 3196 | 1.37E-11 |
| 2076 | 2.22E-12 | 2178 | 6.36E-13 | 2280 | 8.89E-13 | 2382 | 7.79E-13 | 2484 | 1.01E-12 | 2586 | 2.47E-12 | 2688 | 5.02E-12 | 2790 | 2.60E-12 | 2892 | 8.18E-12 | 2994 | 1.06E-11 | 3096 | 1.06E-11 | 3198 | 1.45E-11 |


HD 14802 G1 V
V=5.20 (B-V)=0.60 E(B-V)=-0.02
LAP: LWP 11112
16
12
8
4
0
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 28068 G1 V V=8.06 (B-V)=0.63 E(B-V)=0.01

LAP: LWP 12704

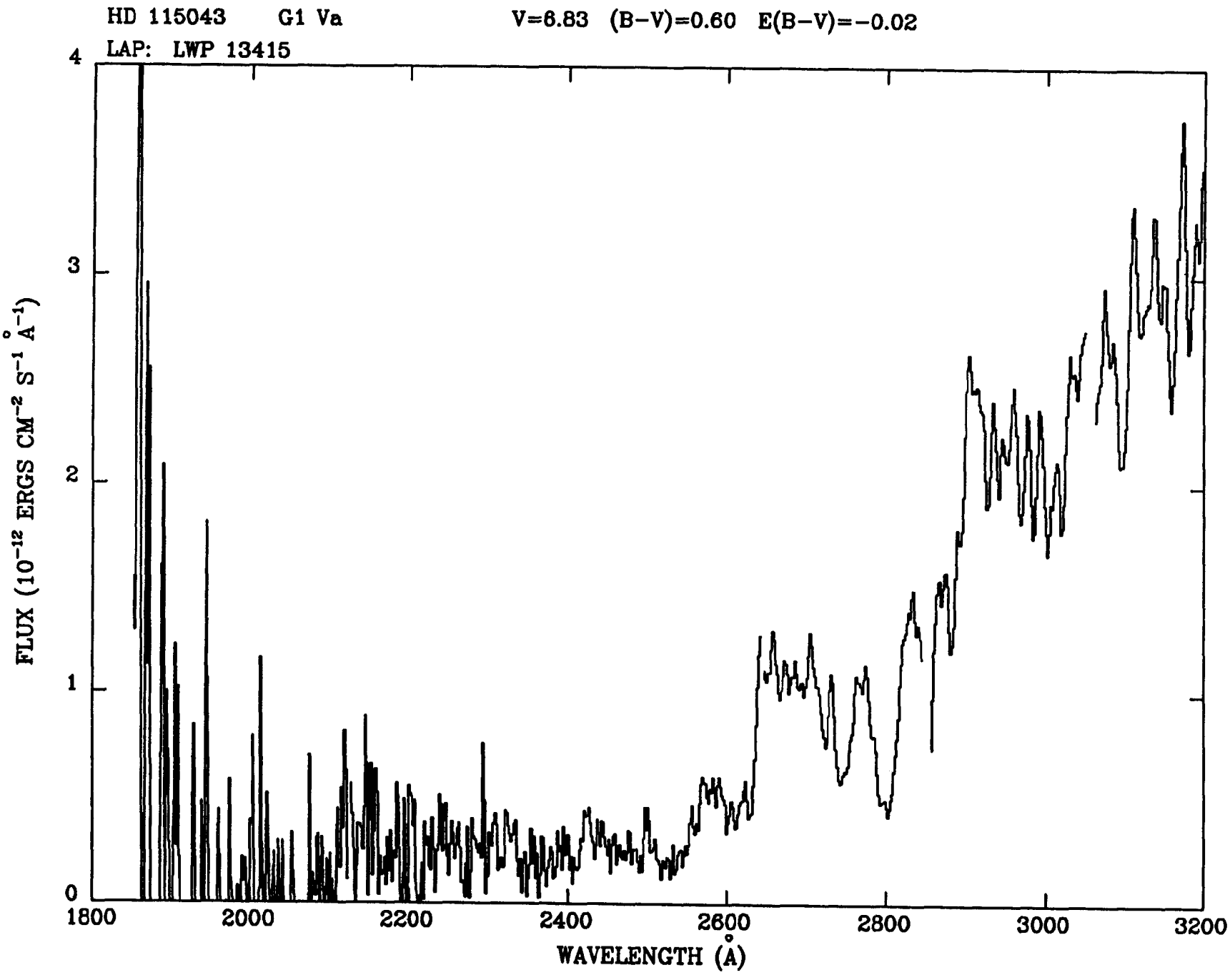
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.62E-14 | 2078 | -7.84E-14 | 2180 | 1.27E-14 | 2282 | 5.13E-14 | 2384 | 6.33E-14 | 2486 | 6.82E-14 | 2588 | 1.34E-13 | 2690 | 2.57E-13 | 2792 | 1.53E-13 | 2894 | 5.04E-13 | 2996 | 5.55E-13 | 3098 | 5.88E-13 |
| 1978 | 5.73E-14 | 2080 | -3.19E-14 | 2182 | 1.79E-14 | 2284 | 1.41E-14 | 2386 | 4.66E-14 | 2488 | 4.37E-14 | 2590 | 1.37E-13 | 2692 | 2.43E-13 | 2794 | 1.43E-13 | 2896 | 5.53E-13 | 2998 | 5.55E-13 | 3100 | 5.86E-13 |
| 1980 | -5.99E-14 | 2082 | -4.70E-15 | 2184 | -1.54E-15 | 2286 | 7.02E-14 | 2388 | 6.86E-14 | 2490 | 6.27E-14 | 2592 | 1.54E-13 | 2694 | 2.56E-13 | 2796 | 1.38E-13 | 2898 | 5.75E-13 | 3000 | 5.22E-13 | 3102 | 6.30E-13 |
| 1982 | -6.72E-14 | 2084 | 7.91E-14 | 2186 | 6.99E-14 | 2288 | 1.64E-13 | 2390 | 7.17E-14 | 2492 | 6.08E-14 | 2594 | 1.65E-13 | 2696 | 2.70E-13 | 2798 | 1.39E-13 | 2900 | 6.04E-13 | 3002 | 4.87E-13 | 3104 | 7.07E-13 |
| 1984 | -1.42E-14 | 2086 | 1.06E-13 | 2188 | 4.04E-14 | 2290 | 1.30E-13 | 2392 | 5.96E-14 | 2494 | 4.81E-14 | 2596 | 1.47E-13 | 2698 | 2.60E-13 | 2800 | 1.36E-13 | 2902 | 6.44E-13 | 3004 | 4.83E-13 | 3106 | 7.82E-13 |
| 1986 | -1.01E-13 | 2088 | -3.16E-14 | 2190 | -8.72E-15 | 2292 | 1.31E-13 | 2394 | 6.98E-14 | 2496 | 8.80E-14 | 2598 | 1.25E-13 | 2700 | 2.69E-13 | 2802 | 1.31E-13 | 2904 | 6.77E-13 | 3006 | 5.10E-13 | 3108 | 8.43E-13 |
| 1988 | -5.62E-14 | 2090 | -7.87E-14 | 2192 | 3.69E-14 | 2294 | 1.32E-13 | 2396 | 7.40E-14 | 2498 | 8.41E-14 | 2600 | 1.15E-13 | 2702 | 2.81E-13 | 2804 | 1.38E-13 | 2906 | 6.94E-13 | 3008 | 5.35E-13 | 3110 | 9.14E-13 |
| 1990 | 1.48E-13 | 2092 | -1.02E-13 | 2194 | 5.99E-14 | 2296 | -1.52E-14 | 2398 | 7.64E-14 | 2500 | 6.66E-14 | 2602 | 1.22E-13 | 2704 | 3.09E-13 | 2806 | 1.49E-13 | 2908 | 6.63E-13 | 3010 | 5.55E-13 | 3112 | 9.53E-13 |
| 1992 | 5.52E-14 | 2094 | -6.26E-14 | 2196 | 2.07E-14 | 2298 | 5.41E-14 | 2400 | 6.93E-14 | 2502 | 8.48E-14 | 2604 | 1.38E-13 | 2706 | 3.04E-13 | 2808 | 1.60E-13 | 2910 | 6.45E-13 | 3012 | 5.76E-13 | 3114 | 9.23E-13 |
| 1994 | 8.49E-14 | 2096 | 2.56E-14 | 2198 | 5.53E-14 | 2300 | 9.74E-14 | 2402 | 3.34E-14 | 2504 | 9.11E-14 | 2606 | 1.40E-13 | 2708 | 2.94E-13 | 2810 | 1.72E-13 | 2912 | 6.34E-13 | 3014 | 6.00E-13 | 3116 | 8.58E-13 |
| 1996 | -4.75E-14 | 2098 | 8.21E-14 | 2200 | 1.40E-13 | 2302 | 4.60E-14 | 2404 | 2.48E-14 | 2506 | 7.62E-14 | 2608 | 1.18E-13 | 2710 | 2.88E-13 | 2812 | 1.95E-13 | 2914 | 6.49E-13 | 3016 | 5.97E-13 | 3118 | 7.89E-13 |
| 1998 | 5.13E-14 | 2100 | -1.93E-14 | 2202 | 1.25E-13 | 2304 | 3.34E-14 | 2406 | 2.98E-14 | 2508 | 4.92E-14 | 2610 | 1.19E-13 | 2712 | 2.81E-13 | 2814 | 2.25E-13 | 2916 | 6.66E-13 | 3018 | 5.49E-13 | 3120 | 7.57E-13 |
| 2000 | 1.52E-13 | 2102 | -6.97E-14 | 2204 | 8.58E-14 | 2306 | 9.66E-14 | 2408 | 5.39E-14 | 2510 | 5.36E-14 | 2612 | 1.03E-13 | 2714 | 2.86E-13 | 2816 | 2.62E-13 | 2918 | 6.40E-13 | 3020 | 4.94E-13 | 3122 | 7.75E-13 |
| 2002 | 8.64E-14 | 2104 | -5.19E-14 | 2206 | 4.65E-14 | 2308 | 1.41E-13 | 2410 | 5.06E-14 | 2512 | 5.87E-14 | 2614 | 1.22E-13 | 2716 | 2.83E-13 | 2818 | 2.92E-13 | 2920 | 6.22E-13 | 3022 | 4.91E-13 | 3124 | 8.42E-13 |
| 2004 | 1.15E-13 | 2106 | -2.35E-15 | 2208 | 1.24E-13 | 2310 | 1.11E-13 | 2412 | 6.94E-14 | 2514 | 5.54E-14 | 2616 | 1.26E-13 | 2718 | 2.47E-13 | 2820 | 3.22E-13 | 2922 | 6.15E-13 | 3024 | 5.45E-13 | 3126 | 8.86E-13 |
| 2006 | -1.83E-14 | 2108 | 5.99E-14 | 2210 | 7.09E-14 | 2312 | 3.40E-14 | 2414 | 8.24E-14 | 2516 | 3.73E-14 | 2618 | 1.41E-13 | 2720 | 2.25E-13 | 2822 | 3.45E-13 | 2924 | 6.00E-13 | 3026 | 6.31E-13 | 3128 | 8.69E-13 |
| 2008 | -5.35E-14 | 2110 | 1.22E-13 | 2212 | 6.30E-15 | 2314 | 6.09E-14 | 2416 | 6.17E-14 | 2518 | 3.52E-14 | 2620 | 1.57E-13 | 2722 | 2.12E-13 | 2824 | 3.62E-13 | 2926 | 5.89E-13 | 3028 | 7.03E-13 | 3130 | 8.75E-13 |
| 2010 | -3.38E-14 | 2112 | 6.59E-15 | 2214 | 4.15E-14 | 2316 | 6.08E-14 | 2418 | 6.43E-14 | 2520 | 5.52E-14 | 2622 | 1.54E-13 | 2724 | 2.16E-13 | 2826 | 3.59E-13 | 2928 | 5.56E-13 | 3030 | 7.53E-13 | 3132 | 8.67E-13 |
| 2012 | 2.66E-14 | 2114 | -5.29E-14 | 2216 | 7.46E-14 | 2318 | 5.31E-14 | 2420 | 9.28E-14 | 2522 | 6.51E-14 | 2624 | 1.56E-13 | 2726 | 2.39E-13 | 2828 | 3.53E-13 | 2930 | 5.63E-13 | 3032 | 7.78E-13 | 3134 | 8.71E-13 |
| 2014 | 5.75E-14 | 2116 | 1.55E-14 | 2218 | 7.66E-14 | 2320 | 1.26E-13 | 2422 | 7.75E-14 | 2524 | 6.86E-14 | 2626 | 1.59E-13 | 2728 | 2.54E-13 | 2830 | 3.59E-13 | 2932 | 6.11E-13 | 3034 | 7.81E-13 | 3136 | 8.87E-13 |
| 2016 | -6.46E-14 | 2118 | -5.97E-14 | 2220 | 2.30E-14 | 2322 | 1.47E-13 | 2424 | 7.11E-14 | 2526 | 7.18E-14 | 2628 | 1.54E-13 | 2730 | 2.50E-13 | 2832 | 3.74E-13 | 2934 | 6.41E-13 | 3036 | 7.82E-13 | 3138 | 9.05E-13 |
| 2018 | -4.86E-14 | 2120 | -1.41E-14 | 2222 | 2.00E-14 | 2324 | 5.04E-14 | 2426 | 8.15E-14 | 2528 | 6.83E-14 | 2630 | 1.41E-13 | 2732 | 2.59E-13 | 2834 | 3.85E-13 | 2936 | 6.31E-13 | 3038 | 7.53E-13 | 3140 | 9.07E-13 |
| 2020 | 2.82E-14 | 2122 | 2.82E-14 | 2224 | 4.59E-14 | 2326 | 1.03E-13 | 2428 | 8.15E-14 | 2530 | 4.83E-14 | 2632 | 1.27E-13 | 2734 | 2.58E-13 | 2836 | 3.69E-13 | 2938 | 5.90E-13 | 3040 | 6.74E-13 | 3142 | 8.87E-13 |
| 2022 | 2.68E-14 | 2124 | 7.23E-14 | 2226 | 7.28E-14 | 2328 | 5.62E-14 | 2430 | 8.96E-14 | 2532 | 6.04E-14 | 2634 | 1.43E-13 | 2736 | 2.40E-13 | 2838 | 3.51E-13 | 2940 | 5.69E-13 | 3042 | 6.40E-13 | 3144 | 8.62E-13 |
| 2024 | -1.83E-14 | 2126 | 1.01E-13 | 2228 | 3.95E-14 | 2330 | 1.08E-13 | 2432 | 8.12E-14 | 2534 | 8.02E-14 | 2636 | 1.84E-13 | 2738 | 2.17E-13 | 2840 | 3.51E-13 | 2942 | 5.66E-13 | 3044 | 6.61E-13 | 3146 | 8.53E-13 |
| 2026 | -6.23E-14 | 2128 | 8.79E-14 | 2230 | 4.55E-14 | 2332 | 1.14E-13 | 2434 | 7.51E-14 | 2536 | 6.26E-14 | 2638 | 2.15E-13 | 2740 | 1.91E-13 | 2842 | 3.46E-13 | 2944 | 5.82E-13 | 3046 | 7.05E-13 | 3148 | 8.95E-13 |
| 2028 | 9.07E-15 | 2130 | -6.54E-15 | 2232 | 7.74E-14 | 2334 | 8.29E-14 | 2436 | 8.04E-14 | 2538 | 4.78E-14 | 2640 | 2.53E-13 | 2742 | 1.70E-13 | 2844 | 3.39E-13 | 2946 | 6.04E-13 | 3048 | 7.19E-13 | 3150 | 9.35E-13 |
| 2030 | -2.17E-14 | 2132 | -5.23E-14 | 2234 | 8.00E-14 | 2336 | 5.21E-14 | 2438 | 7.44E-14 | 2540 | 7.22E-14 | 2642 | 2.81E-13 | 2744 | 1.63E-13 | 2846 | 3.15E-13 | 2948 | 6.01E-13 | 3050 | 7.09E-13 | 3152 | 9.44E-13 |
| 2032 | 7.25E-15 | 2134 | 2.06E-14 | 2236 | 1.68E-13 | 2338 | 7.85E-14 | 2440 | 8.44E-14 | 2542 | 7.11E-14 | 2644 | | 2746 | 1.68E-13 | 2848 | | 2950 | 5.51E-13 | 3052 | 7.00E-13 | 3154 | 8.91E-13 |
| 2034 | 5.93E-15 | 2136 | 7.13E-14 | 2238 | 8.87E-14 | 2340 | 8.20E-14 | 2442 | 1.19E-13 | 2544 | 7.30E-14 | 2646 | | 2748 | 1.69E-13 | 2850 | | 2952 | 5.57E-13 | 3054 | | 3156 | 7.96E-13 |
| 2036 | -1.24E-14 | 2138 | 6.41E-14 | 2240 | 8.82E-14 | 2342 | 4.35E-14 | 2444 | 1.34E-13 | 2546 | 8.58E-14 | 2648 | | 2750 | 1.62E-13 | 2852 | | 2954 | 5.93E-13 | 3056 | | 3158 | 6.94E-13 |
| 2038 | 2.27E-14 | 2140 | 1.82E-14 | 2242 | 4.11E-14 | 2344 | 1.06E-13 | 2446 | 1.15E-13 | 2548 | 1.01E-13 | 2650 | 2.64E-13 | 2752 | 1.77E-13 | 2854 | | 2956 | 6.55E-13 | 3058 | | 3160 | 6.49E-13 |
| 2040 | 1.50E-13 | 2142 | 3.36E-14 | 2244 | 5.69E-14 | 2346 | 1.07E-13 | 2448 | 8.54E-14 | 2550 | 1.06E-13 | 2652 | 2.69E-13 | 2754 | 2.03E-13 | 2856 | 2.10E-13 | 2958 | 6.74E-13 | 3060 | | 3162 | 6.86E-13 |
| 2042 | 1.49E-13 | 2144 | -1.11E-14 | 2246 | 1.15E-13 | 2348 | 1.55E-14 | 2450 | 4.40E-14 | 2552 | 8.94E-14 | 2654 | 2.83E-13 | 2756 | 2.01E-13 | 2858 | 2.36E-13 | 2960 | 6.81E-13 | 3062 | 5.75E-13 | 3164 | 7.42E-13 |
| 2044 | -5.15E-16 | 2146 | 1.78E-14 | 2248 | 1.11E-13 | 2350 | 5.92E-14 | 2452 | 2.70E-14 | 2554 | 9.70E-14 | 2656 | 3.03E-13 | 2758 | 2.17E-13 | 2860 | 2.90E-13 | 2962 | 6.76E-13 | 3064 | 6.14E-13 | 3166 | 7.82E-13 |
| 2046 | -1.22E-14 | 2148 | 6.27E-14 | 2250 | 8.47E-14 | 2352 | 1.03E-13 | 2454 | 5.03E-14 | 2556 | 1.09E-13 | 2658 | 2.96E-13 | 2760 | 2.47E-13 | 2862 | 3.31E-13 | 2964 | 6.30E-13 | 3066 | 6.44E-13 | 3168 | 8.33E-13 |
| 2048 | 3.74E-14 | 2150 | -1.15E-13 | 2252 | 7.94E-14 | 2354 | 8.53E-14 | 2456 | 8.51E-14 | 2558 | 1.14E-13 | 2660 | 2.91E-13 | 2762 | 2.87E-13 | 2864 | 3.67E-13 | 2966 | 5.91E-13 | 3068 | 6.82E-13 | 3170 | 8.94E-13 |
| 2050 | 2.52E-14 | 2152 | -2.64E-15 | 2254 | 1.03E-13 | 2356 | 1.14E-13 | 2458 | 7.46E-14 | 2560 | 9.57E-14 | 2662 | 2.93E-13 | 2764 | 2.94E-13 | 2866 | 3.87E-13 | 2968 | 5.42E-13 | 3070 | 7.24E-13 | 3172 | 9.69E-13 |
| 2052 | 1.00E-13 | 2154 | 2.61E-14 | 2256 | 1.12E-13 | 2358 | 1.08E-13 | 2460 | 8.34E-14 | 2562 | 1.01E-13 | 2664 | 2.78E-13 | 2766 | 2.79E-13 | 2868 | 3.81E-13 | 2970 | 5.17E-13 | 3072 | 7.72E-13 | 3174 | 9.78E-13 |
| 2054 | 2.41E-14 | 2156 | -1.44E-14 | 2258 | 3.08E-14 | 2360 | 1.14E-13 | 2462 | 8.20E-14 | 2564 | 1.19E-13 | 2666 | 2.56E-13 | 2768 | 2.74E-13 | 2870 | 3.76E-13 | 2972 | 5.34E-13 | 3074 | 7.87E-13 | 3176 | 9.30E-13 |
| 2056 | -2.82E-14 | 2158 | 4.98E-14 | 2260 | 8.81E-14 | 2362 | 1.36E-13 | 2464 | 7.54E-14 | 2566 | 1.03E-13 | 2668 | 2.57E-13 | 2770 | 2.63E-13 | 2872 | 3.92E-13 | 2974 | 5.79E-13 | 3076 | 7.77E-13 | 3178 | 8.68E-13 |
| 2058 | 9.61E-15 | 2160 | 6.08E-14 | 2262 | 1.26E-13 | 2364 | 1.53E-13 | 2466 | 5.00E-14 | 2568 | 1.21E-13 | 2670 | 2.55E-13 | 2772 | 2.73E-13 | 2874 | 4.17E-13 | 2976 | 6.29E-13 | 3078 | 7.67E-13 | 3180 | 8.26E-13 |
| 2060 | -5.12E-14 | 2162 | 1.52E-14 | 2264 | 1.11E-13 | 2366 | 1.66E-13 | 2468 | 2.46E-14 | 2570 | 1.47E-13 | 2672 | 2.52E-13 | 2774 | 2.88E-13 | 2876 | 4.07E-13 | 2978 | 6.53E-13 | 3080 | 7.64E-13 | 3182 | 8.07E-13 |
| 2062 | -1.88E-14 | 2164 | 1.03E-13 | 2266 | 3.03E-14 | 2368 | 1.17E-13 | 2470 | 7.07E-14 | 2572 | 1.62E-13 | 2674 | 2.67E-13 | 2776 | 2.75E-13 | 2878 | 3.81E-13 | 2980 | 6.30E-13 | 3082 | 7.56E-13 | 3184 | 8.22E-13 |
| 2064 | 3.75E-14 | 2166 | 1.28E-13 | 2268 | 7.62E-14 | 2370 | 8.05E-14 | 2472 | 5.75E-14 | 2574 | 1.54E-13 | 2676 | 2.87E-13 | 2778 | 2.66E-13 | 2880 | 3.51E-13 | 2982 | 5.68E-13 | 3084 | 7.63E-13 | 3186 | 8.81E-13 |
| 2066 | 3.42E-14 | 2168 | 5.14E-14 | 2270 | 8.94E-14 | 2372 | 6.85E-14 | 2474 | 5.73E-14 | 2576 | 1.49E-13 | 2678 | 2.94E-13 | 2780 | 2.47E-13 | 2882 | 3.28E-13 | 2984 | 4.86E-13 | 3086 | 7.66E-13 | 3188 | 8.81E-13 |
| 2068 | -1.39E-14 | 2170 | 2.59E-14 | 2272 | 6.49E-14 | 2374 | 1.02E-13 | 2476 | 5.69E-14 | 2578 | 1.41E-13 | 2680 | 2.75E-13 | 2782 | 2.17E-13 | 2884 | 3.33E-13 | 2986 | 4.47E-13 | 3088 | 7.51E-13 | 3190 | 8.43E-13 |
| 2070 | 8.80E-14 | 2172 | -1.54E-14 | 2274 | 9.11E-14 | 2376 | 8.25E-14 | 2478 | 6.61E-14 | 2580 | 1.51E-13 | 2682 | 2.68E-13 | 2784 | 2.13E-13 | 2886 | 3.83E-13 | 2988 | 4.81E-13 | 3090 | 7.09E-13 | 3192 | 8.13E-13 |
| 2072 | -2.57E-14 | 2174 | 1.65E-15 | 2276 | 5.10E-14 | 2378 | 7.28E-14 | 2480 | 6.29E-14 | 2582 | 1.63E-13 | 2684 | 2.86E-13 | 2786 | 2.11E-13 | 2888 | 4.42E-13 | 2990 | 5.48E-13 | 3092 | 6.71E-13 | 3194 | 7.98E-13 |
| 2074 | -9.13E-14 | 2176 | -2.62E-14 | 2278 | 7.72E-14 | 2380 | 6.93E-14 | 2482 | 6.46E-14 | 2584 | 1.71E-13 | 2686 | 2.98E-13 | 2788 | 2.07E-13 | 2890 | 4.68E-13 | 2992 | 5.82E-13 | 3094 | 6.43E-13 | 3196 | 8.31E-13 |
| 2076 | -1.05E-13 | 2178 | 1.00E-13 | 2280 | 8.67E-14 | 2382 | 7.35E-14 | 2484 | 7.39E-14 | 2586 | 1.56E-13 | 2688 | 2.79E-13 | 2790 | 1.80E-13 | 2892 | 4.73E-13 | 2994 | 5.64E-13 | 3096 | 6.14E-13 | 3198 | 9.07E-13 |


HD 28068 G1 V V=8.06 (B-V)=0.63 E(B-V)=0.01
LAP: LWP 12704
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

HD 115043 G1 Va V=6.83 (B-V)=0.60 E(B-V)=-0.02

LAP: LWP 13415

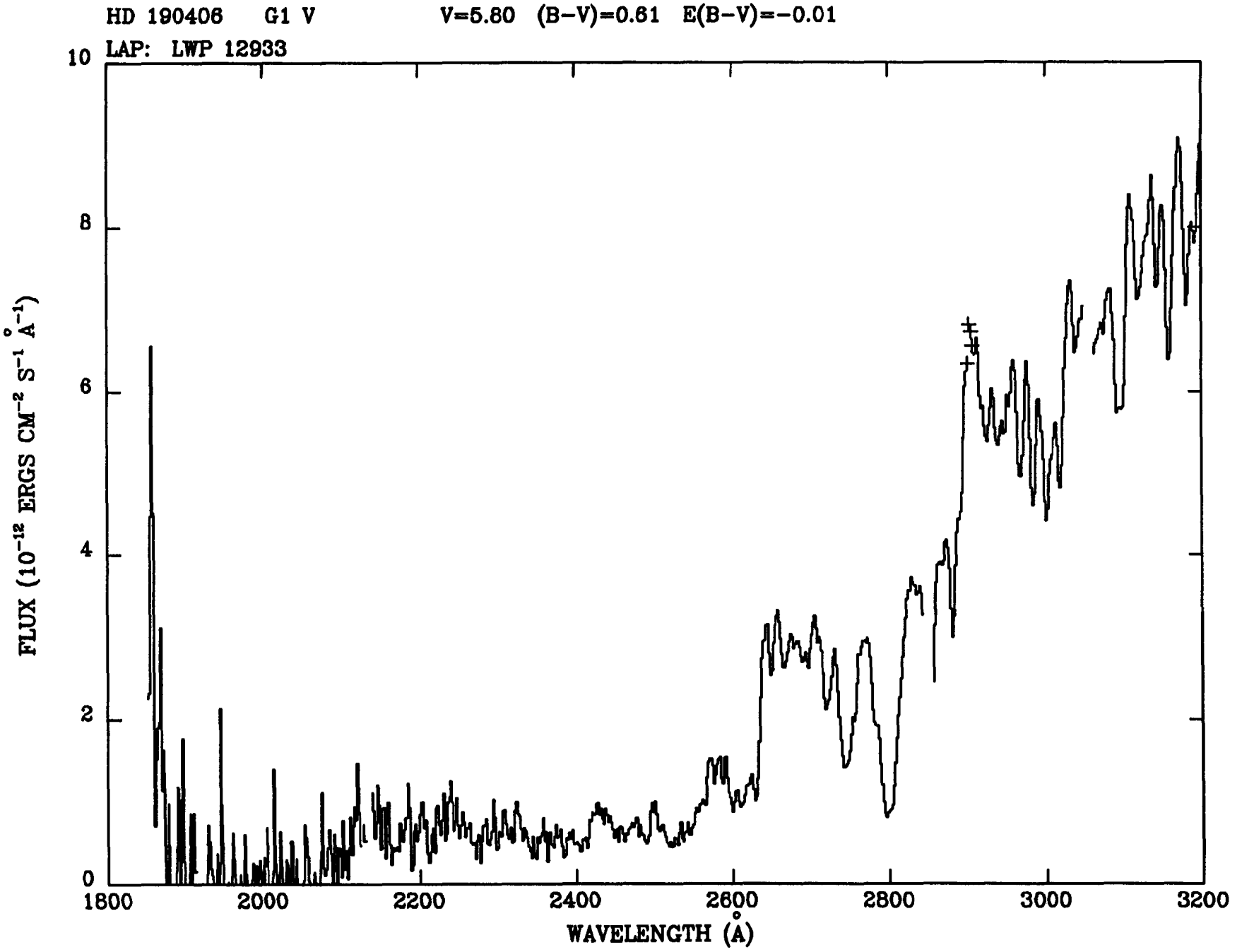
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.00E-13 | 2078 | 7.53E-14 | 2180 | 1.17E-13 | 2282 | 3.46E-13 | 2384 | 1.36E-13 | 2486 | 2.57E-13 | 2588 | 4.99E-13 | 2690 | 1.04E-12 | 2792 | 5.06E-13 | 2894 | 1.79E-12 | 2996 | 2.17E-12 | 3098 | 2.12E-12 |
| 1978 | 3.15E-14 | 2080 | 1.17E-13 | 2182 | 2.40E-13 | 2284 | 3.07E-13 | 2386 | 2.16E-13 | 2488 | 2.11E-13 | 2590 | 5.80E-13 | 2692 | 1.03E-12 | 2794 | 4.84E-13 | 2896 | 1.98E-12 | 2998 | 1.98E-12 | 3100 | 2.21E-12 |
| 1980 | -3.86E-13 | 2082 | 5.38E-14 | 2184 | 3.00E-13 | 2286 | 2.71E-13 | 2388 | 3.10E-13 | 2490 | 1.57E-13 | 2592 | 5.83E-13 | 2694 | 1.05E-12 | 2796 | 4.89E-13 | 2898 | 2.28E-12 | 3000 | 1.82E-12 | 3102 | 2.35E-12 |
| 1982 | -1.37E-13 | 2084 | 2.26E-13 | 2186 | 5.50E-13 | 2288 | 2.44E-13 | 2390 | 2.59E-13 | 2492 | 2.25E-13 | 2594 | 5.36E-13 | 2696 | 1.05E-12 | 2798 | 4.93E-13 | 2900 | 2.48E-12 | 3002 | 1.70E-12 | 3104 | 2.58E-12 |
| 1984 | 6.10E-14 | 2086 | 3.20E-13 | 2188 | 3.21E-13 | 2290 | 2.79E-13 | 2392 | 2.23E-13 | 2494 | 1.62E-13 | 2596 | 5.06E-13 | 2698 | 9.99E-13 | 2800 | 4.72E-13 | 2902 | 2.59E-12 | 3004 | 1.77E-12 | 3106 | 2.91E-12 |
| 1986 | 7.66E-14 | 2088 | -1.56E-13 | 2190 | -9.05E-14 | 2292 | 2.19E-13 | 2394 | 2.71E-13 | 2496 | 3.31E-13 | 2598 | 4.81E-13 | 2700 | 1.05E-12 | 2802 | 4.30E-13 | 2904 | 2.61E-12 | 3006 | 1.90E-12 | 3108 | 3.19E-12 |
| 1988 | -1.92E-13 | 2090 | 1.72E-13 | 2192 | -1.17E-14 | 2294 | 7.44E-13 | 2396 | 2.83E-13 | 2498 | 4.35E-13 | 2600 | 3.72E-13 | 2702 | 1.11E-12 | 2804 | 4.48E-13 | 2906 | 2.51E-12 | 3008 | 1.91E-12 | 3110 | 3.32E-12 |
| 1990 | 1.99E-13 | 2092 | 2.85E-13 | 2194 | 3.34E-13 | 2296 | 4.23E-13 | 2398 | 2.34E-13 | 2500 | 3.77E-13 | 2602 | 3.75E-13 | 2704 | 1.22E-12 | 2806 | 4.96E-13 | 2908 | 2.46E-12 | 3010 | 2.02E-12 | 3112 | 3.25E-12 |
| 1992 | 1.24E-13 | 2094 | -1.06E-13 | 2196 | 1.31E-13 | 2298 | 6.21E-14 | 2400 | 3.03E-13 | 2502 | 4.35E-13 | 2604 | 4.17E-13 | 2706 | 1.27E-12 | 2808 | 5.32E-13 | 2910 | 2.46E-12 | 3012 | 2.09E-12 | 3114 | 3.09E-12 |
| 1994 | 1.97E-13 | 2096 | 9.10E-14 | 2198 | 4.58E-14 | 2300 | 1.80E-13 | 2402 | 1.95E-13 | 2504 | 3.36E-13 | 2606 | 4.84E-13 | 2708 | 1.18E-12 | 2810 | 6.42E-13 | 2912 | 2.47E-12 | 3014 | 2.12E-12 | 3116 | 2.90E-12 |
| 1996 | 4.95E-15 | 2098 | 1.50E-13 | 2200 | 4.40E-13 | 2302 | 3.19E-13 | 2404 | 2.13E-13 | 2506 | 2.49E-13 | 2608 | 4.57E-13 | 2710 | 1.11E-12 | 2812 | 7.24E-13 | 2914 | 2.47E-12 | 3016 | 2.06E-12 | 3118 | 2.76E-12 |
| 1998 | -2.01E-13 | 2100 | 5.46E-14 | 2202 | 5.26E-13 | 2304 | 2.80E-13 | 2406 | 1.01E-13 | 2508 | 2.60E-13 | 2610 | 3.96E-13 | 2712 | 1.06E-12 | 2814 | 8.13E-13 | 2916 | 2.42E-12 | 3018 | 1.91E-12 | 3120 | 2.73E-12 |
| 2000 | 2.75E-13 | 2102 | 1.14E-13 | 2204 | 5.08E-13 | 2306 | 3.19E-13 | 2408 | 2.15E-13 | 2510 | 2.91E-13 | 2612 | 3.60E-13 | 2714 | 1.04E-12 | 2816 | 9.35E-13 | 2918 | 2.37E-12 | 3020 | 1.79E-12 | 3122 | 2.74E-12 |
| 2002 | 3.76E-13 | 2104 | -9.50E-15 | 2206 | 3.72E-13 | 2308 | 4.04E-13 | 2410 | 1.72E-13 | 2512 | 2.46E-13 | 2614 | 3.80E-13 | 2716 | 1.01E-12 | 2818 | 1.08E-12 | 2920 | 2.36E-12 | 3022 | 1.86E-12 | 3124 | 2.83E-12 |
| 2004 | 7.49E-13 | 2106 | -1.50E-13 | 2208 | 4.69E-13 | 2310 | 3.93E-13 | 2412 | 1.62E-13 | 2514 | 2.08E-13 | 2616 | 4.41E-13 | 2718 | 9.25E-13 | 2820 | 1.19E-12 | 2922 | 2.27E-12 | 3024 | 2.06E-12 | 3126 | 2.84E-12 |
| 2006 | -2.93E-13 | 2108 | -2.91E-13 | 2210 | 9.01E-14 | 2312 | 2.32E-13 | 2414 | 1.92E-13 | 2516 | 1.93E-13 | 2618 | 4.76E-13 | 2720 | 8.45E-13 | 2822 | 1.26E-12 | 2924 | 2.02E-12 | 3026 | 2.28E-12 | 3128 | 2.86E-12 |
| 2008 | -2.69E-13 | 2110 | 2.23E-13 | 2212 | -1.48E-14 | 2314 | 1.68E-13 | 2416 | 2.74E-13 | 2518 | 1.31E-13 | 2620 | 4.88E-13 | 2722 | 7.99E-13 | 2824 | 1.29E-12 | 2926 | 1.90E-12 | 3028 | 2.45E-12 | 3130 | 2.88E-12 |
| 2010 | -8.72E-15 | 2112 | 2.68E-13 | 2214 | 2.29E-14 | 2316 | 2.06E-13 | 2418 | 3.04E-13 | 2520 | 1.97E-13 | 2622 | 5.16E-13 | 2724 | 7.53E-13 | 2826 | 1.33E-12 | 2928 | 1.94E-12 | 3030 | 2.60E-12 | 3132 | 2.90E-12 |
| 2012 | 3.37E-13 | 2114 | 1.73E-13 | 2216 | 6.23E-14 | 2318 | 1.77E-13 | 2420 | 3.61E-13 | 2522 | 1.87E-13 | 2624 | 5.65E-13 | 2726 | 7.91E-13 | 2828 | 1.38E-12 | 2930 | 2.09E-12 | 3032 | 2.56E-12 | 3134 | 3.02E-12 |
| 2014 | 8.99E-13 | 2116 | 4.69E-13 | 2218 | 1.19E-13 | 2320 | 1.74E-13 | 2422 | 4.25E-13 | 2524 | 1.76E-13 | 2626 | 5.24E-13 | 2728 | 9.31E-13 | 2830 | 1.38E-12 | 2932 | 2.32E-12 | 3034 | 2.53E-12 | 3136 | 3.20E-12 |
| 2016 | 3.97E-15 | 2118 | 3.83E-13 | 2220 | 1.81E-13 | 2322 | 4.39E-13 | 2424 | 4.16E-13 | 2526 | 2.19E-13 | 2628 | 4.33E-13 | 2730 | 1.04E-12 | 2832 | 1.45E-12 | 2934 | 2.36E-12 | 3036 | 2.54E-12 | 3138 | 3.29E-12 |
| 2018 | -4.00E-13 | 2120 | 7.94E-13 | 2222 | 3.24E-13 | 2324 | 4.19E-13 | 2426 | 4.41E-13 | 2528 | 1.90E-13 | 2630 | 4.20E-13 | 2732 | 1.08E-12 | 2834 | 1.50E-12 | 2936 | 2.22E-12 | 3038 | 2.47E-12 | 3140 | 3.18E-12 |
| 2020 | 1.25E-13 | 2122 | 6.02E-13 | 2224 | 2.98E-13 | 2326 | 3.59E-13 | 2428 | 4.03E-13 | 2530 | 1.44E-13 | 2632 | 4.31E-13 | 2734 | 9.85E-13 | 2836 | 1.36E-12 | 2938 | 2.10E-12 | 3040 | 2.44E-12 | 3142 | 2.97E-12 |
| 2022 | 4.33E-13 | 2124 | 1.15E-13 | 2226 | 2.22E-13 | 2328 | 3.21E-13 | 2430 | 3.36E-13 | 2532 | 2.24E-13 | 2634 | 5.50E-13 | 2736 | 8.18E-13 | 2838 | 1.29E-12 | 2940 | 1.99E-12 | 3042 | 2.55E-12 | 3144 | 2.84E-12 |
| 2024 | 1.56E-14 | 2126 | | 2228 | 1.61E-13 | 2330 | 3.05E-13 | 2432 | 2.98E-13 | 2534 | 2.18E-13 | 2636 | 6.92E-13 | 2738 | 6.96E-13 | 2840 | 1.33E-12 | 2942 | 2.09E-12 | 3044 | 2.66E-12 | 3146 | 2.80E-12 |
| 2026 | -2.18E-13 | 2128 | 5.29E-13 | 2230 | 3.53E-13 | 2332 | 3.46E-13 | 2434 | 2.21E-13 | 2536 | 1.55E-13 | 2638 | 8.71E-13 | 2740 | 6.17E-13 | 2842 | 1.30E-12 | 2944 | 2.22E-12 | 3046 | 2.70E-12 | 3148 | 2.95E-12 |
| 2028 | 7.24E-14 | 2130 | 3.80E-13 | 2232 | 2.78E-13 | 2334 | 3.85E-13 | 2436 | 2.78E-13 | 2538 | 2.02E-13 | 2640 | 1.06E-12 | 2742 | 5.82E-13 | 2844 | 1.24E-12 | 2946 | 2.21E-12 | 3048 | 2.73E-12 | 3150 | 2.97E-12 |
| 2030 | 2.25E-13 | 2132 | 1.35E-13 | 2234 | 6.10E-14 | 2336 | 2.87E-13 | 2438 | 3.91E-13 | 2540 | 2.44E-13 | 2642 | 1.21E-12 | 2744 | 5.79E-13 | 2846 | 1.18E-12 | 2948 | 2.17E-12 | 3050 | 2.75E-12 | 3152 | 2.96E-12 |
| 2032 | -3.01E-13 | 2134 | 3.77E-14 | 2236 | 2.51E-13 | 2338 | 1.57E-13 | 2440 | 3.26E-13 | 2542 | 2.54E-13 | 2644 | 1.28E-12 | 2746 | 6.08E-13 | 2848 | | 2950 | 2.13E-12 | 3052 | | 3154 | 2.74E-12 |
| 2034 | -2.06E-13 | 2136 | 3.09E-13 | 2238 | 3.12E-13 | 2340 | 1.82E-13 | 2442 | 3.02E-13 | 2544 | 1.98E-13 | 2646 | 1.11E-12 | 2748 | 6.30E-13 | 2850 | | 2952 | 2.12E-12 | 3054 | | 3156 | 2.58E-12 |
| 2036 | 2.82E-13 | 2138 | 3.74E-13 | 2240 | 5.06E-13 | 2342 | 9.88E-14 | 2444 | 3.89E-13 | 2546 | 2.21E-13 | 2648 | 1.09E-12 | 2750 | 6.29E-13 | 2852 | | 2954 | 2.20E-12 | 3056 | | 3158 | 2.43E-12 |
| 2038 | -4.33E-14 | 2140 | 3.62E-13 | 2242 | 4.13E-13 | 2344 | 1.58E-13 | 2446 | 3.62E-13 | 2548 | 2.71E-13 | 2650 | 1.07E-12 | 2752 | 6.63E-13 | 2854 | | 2956 | 2.32E-12 | 3058 | | 3160 | 2.41E-12 |
| 2040 | -1.53E-13 | 2142 | 2.80E-13 | 2244 | 2.98E-13 | 2346 | 2.36E-13 | 2448 | 2.96E-13 | 2550 | 2.39E-13 | 2652 | 1.08E-12 | 2754 | 7.44E-13 | 2856 | 7.43E-13 | 2958 | 2.42E-12 | 3060 | | 3162 | 2.56E-12 |
| 2042 | 1.78E-13 | 2144 | 4.13E-13 | 2246 | 4.25E-13 | 2348 | 5.39E-14 | 2450 | 2.51E-13 | 2552 | 2.88E-13 | 2654 | 1.10E-12 | 2756 | 7.91E-13 | 2858 | 9.20E-13 | 2960 | 2.44E-12 | 3062 | 2.32E-12 | 3164 | 2.78E-12 |
| 2044 | -3.23E-13 | 2146 | 8.22E-13 | 2248 | 3.59E-13 | 2350 | 1.16E-13 | 2452 | 2.71E-13 | 2554 | 3.85E-13 | 2656 | 1.17E-12 | 2758 | 8.26E-13 | 2860 | 1.16E-12 | 2962 | 2.32E-12 | 3064 | 2.41E-12 | 3166 | 3.01E-12 |
| 2046 | -5.49E-13 | 2148 | 6.74E-13 | 2250 | 1.76E-13 | 2352 | 2.00E-13 | 2454 | 2.01E-13 | 2556 | 4.21E-13 | 2658 | 1.28E-12 | 2760 | 9.18E-13 | 2862 | 1.33E-12 | 2964 | 2.15E-12 | 3066 | 2.47E-12 | 3168 | 3.24E-12 |
| 2048 | -3.54E-13 | 2150 | 5.23E-14 | 2252 | 2.12E-13 | 2354 | 3.30E-13 | 2456 | 2.39E-13 | 2558 | 4.38E-13 | 2660 | 1.27E-12 | 2762 | 1.04E-12 | 2864 | 1.48E-12 | 2966 | 1.94E-12 | 3068 | 2.51E-12 | 3170 | 3.52E-12 |
| 2050 | -1.49E-13 | 2152 | 4.33E-13 | 2254 | 3.49E-13 | 2356 | 2.21E-13 | 2458 | 3.10E-13 | 2560 | 3.55E-13 | 2662 | 1.16E-12 | 2764 | 1.08E-12 | 2866 | 1.55E-12 | 2968 | 1.85E-12 | 3070 | 2.63E-12 | 3172 | 3.71E-12 |
| 2052 | 1.62E-13 | 2154 | 5.55E-13 | 2256 | 3.47E-13 | 2358 | 2.58E-13 | 2460 | 3.30E-13 | 2562 | 3.56E-13 | 2664 | 1.10E-12 | 2766 | 1.06E-12 | 2868 | 1.53E-12 | 2970 | 1.86E-12 | 3072 | 2.84E-12 | 3174 | 3.60E-12 |
| 2054 | 2.13E-13 | 2156 | 1.83E-13 | 2258 | 2.41E-13 | 2360 | 1.62E-13 | 2462 | 2.03E-13 | 2564 | 3.68E-13 | 2666 | 1.01E-12 | 2768 | 1.05E-12 | 2870 | 1.45E-12 | 2972 | 1.96E-12 | 3074 | 2.92E-12 | 3176 | 3.21E-12 |
| 2056 | -1.59E-15 | 2158 | 4.26E-13 | 2260 | 2.65E-13 | 2362 | 1.43E-13 | 2464 | 2.34E-13 | 2566 | 4.21E-13 | 2668 | 9.83E-13 | 2770 | 1.02E-12 | 2872 | 1.53E-12 | 2974 | 2.12E-12 | 3076 | 2.81E-12 | 3178 | 2.85E-12 |
| 2058 | -3.84E-14 | 2160 | 5.95E-13 | 2262 | 3.48E-13 | 2364 | 8.01E-14 | 2466 | 2.74E-13 | 2568 | 5.33E-13 | 2670 | 1.03E-12 | 2772 | 1.06E-12 | 2874 | 1.59E-12 | 2976 | 2.32E-12 | 3078 | 2.70E-12 | 3180 | 2.66E-12 |
| 2060 | -2.23E-13 | 2162 | 3.06E-13 | 2264 | 3.73E-13 | 2366 | 2.33E-13 | 2468 | 2.20E-13 | 2570 | 5.91E-13 | 2672 | 1.11E-12 | 2774 | 1.13E-12 | 2876 | 1.57E-12 | 2978 | 2.33E-12 | 3080 | 2.62E-12 | 3182 | 2.69E-12 |
| 2062 | -2.82E-13 | 2164 | 1.29E-13 | 2266 | 2.43E-13 | 2368 | 3.12E-13 | 2470 | 2.24E-13 | 2572 | 5.85E-13 | 2674 | 1.16E-12 | 2776 | 1.10E-12 | 2878 | 1.43E-12 | 2980 | 2.18E-12 | 3082 | 2.60E-12 | 3184 | 2.89E-12 |
| 2064 | -1.06E-13 | 2166 | 1.72E-13 | 2268 | 9.81E-14 | 2370 | 2.01E-13 | 2472 | 2.40E-13 | 2574 | 5.75E-13 | 2676 | 1.13E-12 | 2778 | 9.79E-13 | 2880 | 1.25E-12 | 2982 | 1.90E-12 | 3084 | 2.67E-12 | 3186 | 3.06E-12 |
| 2066 | -1.53E-13 | 2168 | 1.43E-13 | 2270 | 8.55E-14 | 2372 | 9.95E-14 | 2474 | 2.21E-13 | 2576 | 5.17E-13 | 2678 | 1.06E-12 | 2780 | 8.57E-13 | 2882 | 1.23E-12 | 2984 | 1.76E-12 | 3086 | 2.65E-12 | 3188 | 3.20E-12 |
| 2068 | -2.58E-13 | 2170 | 1.95E-13 | 2272 | 7.55E-14 | 2374 | 1.56E-13 | 2476 | 2.85E-13 | 2578 | 4.85E-13 | 2680 | 1.03E-12 | 2782 | 8.02E-13 | 2884 | 1.30E-12 | 2986 | 1.83E-12 | 3088 | 2.57E-12 | 3190 | 3.25E-12 |
| 2070 | -2.23E-13 | 2172 | 1.19E-13 | 2274 | 2.47E-13 | 2376 | 2.02E-13 | 2478 | 3.44E-13 | 2580 | 5.46E-13 | 2682 | 1.07E-12 | 2784 | 7.98E-13 | 2886 | 1.50E-12 | 2988 | 2.02E-12 | 3090 | 2.44E-12 | 3192 | 3.15E-12 |
| 2072 | -2.21E-13 | 2174 | 2.77E-13 | 2276 | 2.08E-13 | 2378 | 2.62E-13 | 2480 | 2.57E-13 | 2582 | 5.41E-13 | 2684 | 1.08E-12 | 2786 | 7.84E-13 | 2888 | 1.74E-12 | 2990 | 2.24E-12 | 3092 | 2.21E-12 | 3194 | 3.14E-12 |
| 2074 | 2.69E-13 | 2176 | 1.66E-13 | 2278 | 8.63E-14 | 2380 | 2.33E-13 | 2482 | 2.30E-13 | 2584 | 5.91E-13 | 2686 | 1.14E-12 | 2788 | 6.93E-13 | 2890 | 1.75E-12 | 2992 | 2.37E-12 | 3094 | 2.10E-12 | 3196 | 3.33E-12 |
| 2076 | 3.90E-13 | 2178 | 3.21E-13 | 2280 | 2.88E-13 | 2382 | 1.21E-13 | 2484 | 2.55E-13 | 2586 | 5.27E-13 | 2688 | 1.11E-12 | 2790 | 5.84E-13 | 2892 | 1.73E-12 | 2994 | 2.30E-12 | 3096 | 2.10E-12 | 3198 | 3.49E-12 |


HD 115043 G1 Va
V=6.83 (B-V)=0.60 E(B-V)=-0.02
LAP: LWP 13415
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 190406 G1 V V=5.80 (B-V)=0.61 E(B-V)=-0.01**

**LAP: LWP 12933**

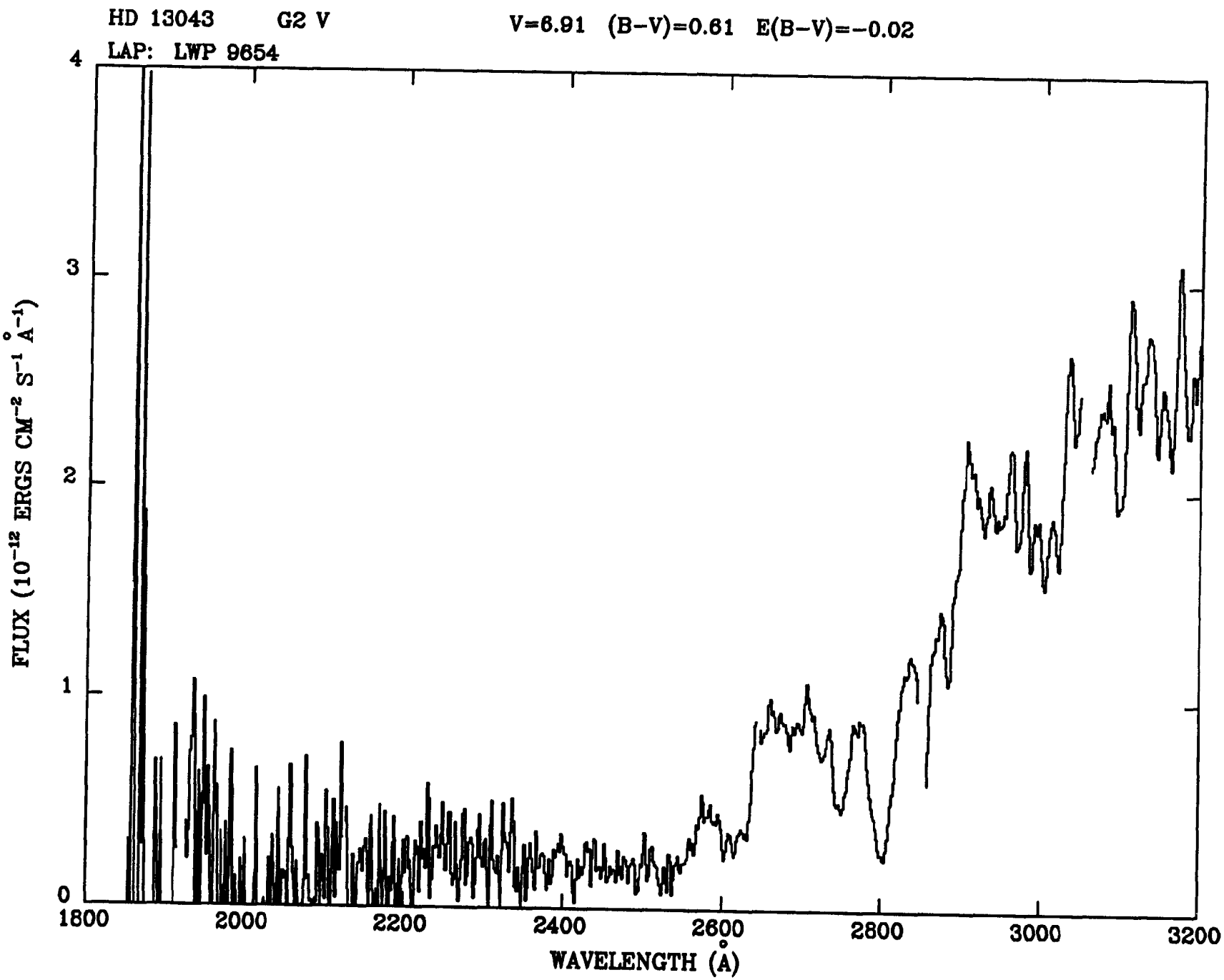
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.18E-13 | 2078 | 1.50E-13 | 2180 | 6.72E-13 | 2282 | 7.14E-13 | 2384 | 3.32E-13 | 2486 | 6.02E-13 | 2588 | 1.32E-12 | 2690 | 2.71E-12 | 2792 | 1.12E-12 | 2894 | 4.73E-12 | 2996 | 5.34E-12 | 3098 | 5.78E-12 |
| 1978 | -7.37E-14 | 2080 | 1.45E-13 | 2182 | 8.07E-13 | 2284 | 7.66E-13 | 2386 | 4.03E-13 | 2488 | 5.50E-13 | 2590 | 1.54E-12 | 2692 | 2.74E-12 | 2794 | 9.37E-13 | 2896 | 5.41E-12 | 2998 | 4.88E-12 | 3100 | 5.85E-12 |
| 1980 | -3.59E-13 | 2082 | 3.50E-13 | 2184 | 8.94E-13 | 2286 | 5.68E-13 | 2388 | 5.53E-13 | 2490 | 5.01E-13 | 2592 | 1.44E-12 | 2694 | 2.81E-12 | 2796 | 8.35E-13 | 2898 | 6.08E-12 | 3000 | 4.49E-12 | 3102 | 6.28E-12 |
| 1982 | -1.33E-13 | 2084 | 5.95E-13 | 2186 | 1.15E-12 | 2288 | 4.85E-13 | 2390 | 5.69E-13 | 2492 | 5.09E-13 | 2594 | 1.21E-12 | 2696 | 2.70E-12 | 2798 | 8.48E-13 | 2900 | 6.24E-12 | 3002 | 4.51E-12 | 3104 | 7.17E-12 |
| 1984 | 5.48E-14 | 2086 | 4.45E-13 | 2188 | 6.68E-13 | 2290 | 5.43E-13 | 2392 | 5.92E-13 | 2494 | 5.99E-13 | 2596 | 1.08E-12 | 2698 | 2.66E-12 | 2800 | 8.86E-13 | 2902 | | 3004 | 4.87E-12 | 3106 | 7.94E-12 |
| 1986 | 2.37E-13 | 2088 | -7.55E-14 | 2190 | 1.97E-13 | 2292 | 6.42E-13 | 2394 | 6.03E-13 | 2496 | 8.91E-13 | 2598 | 1.01E-12 | 2700 | 2.89E-12 | 2802 | 9.07E-13 | 2904 | | 3006 | 5.13E-12 | 3108 | 8.30E-12 |
| 1988 | -1.72E-13 | 2090 | 4.86E-13 | 2192 | 4.23E-13 | 2294 | 1.02E-12 | 2396 | 5.59E-13 | 2498 | 9.66E-13 | 2600 | 9.15E-13 | 2702 | 3.06E-12 | 2804 | 9.50E-13 | 2906 | | 3008 | 5.21E-12 | 3110 | 8.32E-12 |
| 1990 | 2.11E-13 | 2092 | 4.60E-13 | 2194 | 6.97E-13 | 2296 | 7.79E-13 | 2398 | 4.88E-13 | 2500 | 9.09E-13 | 2602 | 9.74E-13 | 2704 | 3.19E-12 | 2806 | 1.16E-12 | 2908 | 6.45E-12 | 3010 | 5.41E-12 | 3112 | 8.15E-12 |
| 1992 | 3.65E-14 | 2094 | 2.24E-14 | 2196 | 6.09E-13 | 2298 | 4.31E-13 | 2400 | 5.00E-13 | 2502 | 9.56E-13 | 2604 | 1.10E-12 | 2706 | 3.19E-12 | 2808 | 1.45E-12 | 2910 | 6.46E-12 | 3012 | 5.59E-12 | 3114 | 7.93E-12 |
| 1994 | 2.66E-13 | 2096 | 4.31E-13 | 2198 | 5.96E-13 | 2300 | 4.93E-13 | 2402 | 4.81E-13 | 2504 | 7.88E-13 | 2606 | 1.14E-12 | 2708 | 3.02E-12 | 2810 | 1.78E-12 | 2912 | 6.57E-12 | 3014 | 5.57E-12 | 3116 | 7.53E-12 |
| 1996 | 5.71E-15 | 2098 | 2.95E-13 | 2200 | 7.98E-13 | 2302 | 6.36E-13 | 2404 | 4.13E-13 | 2506 | 6.58E-13 | 2608 | 1.01E-12 | 2710 | 2.97E-12 | 2812 | 2.07E-12 | 2914 | 6.54E-12 | 3016 | 5.22E-12 | 3118 | 7.19E-12 |
| 1998 | -1.42E-13 | 2100 | 2.55E-13 | 2202 | 9.67E-13 | 2304 | 6.01E-13 | 2406 | 3.97E-13 | 2508 | 6.68E-13 | 2610 | 9.46E-13 | 2712 | 2.97E-12 | 2814 | 2.30E-12 | 2916 | 6.10E-12 | 3018 | 4.87E-12 | 3120 | 7.16E-12 |
| 2000 | 2.67E-13 | 2102 | 5.68E-13 | 2204 | 1.00E-12 | 2306 | 7.20E-13 | 2408 | 5.33E-13 | 2510 | 7.09E-13 | 2612 | 9.71E-13 | 2714 | 2.87E-12 | 2816 | 2.56E-12 | 2918 | 5.83E-12 | 3020 | 4.91E-12 | 3122 | 7.25E-12 |
| 2002 | 2.23E-13 | 2104 | 2.74E-13 | 2206 | 7.06E-13 | 2308 | 8.95E-13 | 2410 | 5.39E-13 | 2512 | 6.68E-13 | 2614 | 1.01E-12 | 2716 | 2.63E-12 | 2818 | 2.83E-12 | 2920 | 5.82E-12 | 3022 | 5.32E-12 | 3124 | 7.44E-12 |
| 2004 | 6.41E-13 | 2106 | 2.54E-13 | 2208 | 7.57E-13 | 2310 | 8.10E-13 | 2412 | 5.46E-13 | 2514 | 5.93E-13 | 2616 | 1.11E-12 | 2718 | 2.32E-12 | 2820 | 3.07E-12 | 2922 | 5.59E-12 | 3024 | 5.95E-12 | 3126 | 7.66E-12 |
| 2006 | -4.23E-13 | 2108 | 2.77E-13 | 2210 | 3.59E-13 | 2312 | 6.48E-13 | 2414 | 4.69E-13 | 2516 | 5.16E-13 | 2618 | 1.19E-12 | 2720 | 2.14E-12 | 2822 | 3.32E-12 | 2924 | 5.46E-12 | 3026 | 6.48E-12 | 3128 | 7.83E-12 |
| 2008 | -3.05E-13 | 2110 | 6.72E-13 | 2212 | 2.83E-13 | 2314 | 5.70E-13 | 2416 | 6.25E-13 | 2518 | 4.63E-13 | 2620 | 1.20E-12 | 2722 | 2.17E-12 | 2824 | 3.51E-12 | 2926 | 5.40E-12 | 3028 | 6.89E-12 | 3130 | 7.89E-12 |
| 2010 | -1.36E-13 | 2112 | 5.22E-13 | 2214 | 4.49E-13 | 2316 | 6.55E-13 | 2418 | 7.75E-13 | 2520 | 5.04E-13 | 2622 | 1.25E-12 | 2724 | 2.24E-12 | 2826 | 3.56E-12 | 2928 | 5.61E-12 | 3030 | 7.21E-12 | 3132 | 7.94E-12 |
| 2012 | 4.14E-13 | 2114 | 6.24E-13 | 2216 | 6.33E-13 | 2318 | 5.37E-13 | 2420 | 8.11E-13 | 2522 | 4.56E-13 | 2624 | 1.31E-12 | 2726 | 2.37E-12 | 2828 | 3.66E-12 | 2930 | 5.85E-12 | 3032 | 7.33E-12 | 3134 | 8.15E-12 |
| 2014 | 1.11E-12 | 2116 | 9.00E-13 | 2218 | 5.80E-13 | 2320 | 5.22E-13 | 2422 | 8.55E-13 | 2524 | 4.65E-13 | 2626 | 1.22E-12 | 2728 | 2.55E-12 | 2830 | 3.67E-12 | 2932 | 5.98E-12 | 3034 | 7.24E-12 | 3136 | 8.45E-12 |
| 2016 | 3.11E-14 | 2118 | 8.10E-13 | 2220 | 6.28E-13 | 2322 | 8.81E-13 | 2424 | 8.46E-13 | 2526 | 5.59E-13 | 2628 | 1.06E-12 | 2730 | 2.78E-12 | 2832 | 3.63E-12 | 2934 | 5.79E-12 | 3036 | 6.86E-12 | 3138 | 8.50E-12 |
| 2018 | -2.79E-13 | 2120 | 1.43E-12 | 2222 | 9.39E-13 | 2324 | 9.84E-13 | 2426 | 9.25E-13 | 2528 | 5.37E-13 | 2630 | 1.05E-12 | 2732 | 2.80E-12 | 2834 | 3.62E-12 | 2936 | 5.49E-12 | 3038 | 6.49E-12 | 3140 | 8.04E-12 |
| 2020 | 2.15E-13 | 2122 | 8.46E-13 | 2224 | 8.26E-13 | 2326 | 8.51E-13 | 2428 | 9.82E-13 | 2530 | 5.09E-13 | 2632 | 1.23E-12 | 2734 | 2.54E-12 | 2836 | 3.52E-12 | 2938 | 5.37E-12 | 3040 | 6.54E-12 | 3142 | 7.48E-12 |
| 2022 | 4.51E-13 | 2124 | 4.75E-13 | 2226 | 6.45E-13 | 2328 | 7.88E-13 | 2430 | 8.80E-13 | 2532 | 6.67E-13 | 2634 | 1.66E-12 | 2736 | 2.19E-12 | 2838 | 3.54E-12 | 2940 | 5.40E-12 | 3042 | 6.69E-12 | 3144 | 7.30E-12 |
| 2024 | -9.57E-14 | 2126 | | 2228 | 7.28E-13 | 2330 | 6.30E-13 | 2432 | 9.03E-13 | 2534 | 6.70E-13 | 2636 | 2.21E-12 | 2738 | 1.88E-12 | 2840 | 3.61E-12 | 2942 | 5.52E-12 | 3044 | 6.85E-12 | 3146 | 7.64E-12 |
| 2026 | -3.39E-13 | 2128 | 6.73E-13 | 2230 | 1.02E-12 | 2332 | 5.86E-13 | 2434 | 8.08E-13 | 2536 | 5.35E-13 | 2638 | 2.73E-12 | 2740 | 1.64E-12 | 2842 | 3.49E-12 | 2944 | 5.61E-12 | 3046 | 6.88E-12 | 3148 | 8.11E-12 |
| 2028 | 1.44E-13 | 2130 | 5.28E-13 | 2232 | 6.24E-13 | 2334 | 6.65E-13 | 2436 | 7.35E-13 | 2538 | 5.72E-13 | 2640 | 2.95E-12 | 2742 | 1.47E-12 | 2844 | 3.27E-12 | 2946 | 5.52E-12 | 3048 | 6.93E-12 | 3150 | 8.26E-12 |
| 2030 | 2.64E-13 | 2132 | 5.28E-13 | 2234 | 6.08E-13 | 2336 | 6.10E-13 | 2438 | 9.16E-13 | 2540 | 6.32E-13 | 2642 | 2.98E-12 | 2744 | 1.43E-12 | 2846 | | 2948 | 5.50E-12 | 3050 | 7.04E-12 | 3152 | 8.10E-12 |
| 2032 | -2.69E-13 | 2134 | | 2236 | 9.82E-13 | 2338 | 5.08E-13 | 2440 | 8.30E-13 | 2542 | 7.07E-13 | 2644 | 3.14E-12 | 2746 | 1.45E-12 | 2848 | | 2950 | 5.89E-12 | 3052 | | 3154 | 7.48E-12 |
| 2034 | 1.83E-13 | 2136 | | 2238 | 1.08E-12 | 2340 | 4.19E-13 | 2442 | 7.71E-13 | 2544 | 6.37E-13 | 2646 | 3.04E-12 | 2748 | 1.50E-12 | 2850 | | 2952 | 5.93E-12 | 3054 | | 3156 | 6.74E-12 |
| 2036 | 5.00E-13 | 2138 | 1.12E-12 | 2240 | 1.22E-12 | 2342 | 3.45E-13 | 2444 | 8.06E-13 | 2546 | 5.94E-13 | 2648 | 2.71E-12 | 2750 | 1.60E-12 | 2852 | | 2954 | 5.82E-12 | 3056 | | 3158 | 6.40E-12 |
| 2038 | -1.85E-14 | 2140 | 9.73E-13 | 2242 | 9.17E-13 | 2344 | 5.12E-13 | 2446 | 7.20E-13 | 2548 | 6.72E-13 | 2650 | 2.57E-12 | 2752 | 1.82E-12 | 2854 | | 2956 | 6.03E-12 | 3058 | | 3160 | 6.60E-12 |
| 2040 | -1.84E-13 | 2142 | 6.64E-13 | 2244 | 6.90E-13 | 2346 | 4.10E-13 | 2448 | 6.28E-13 | 2550 | 7.19E-13 | 2652 | 2.76E-12 | 2754 | 2.02E-12 | 2856 | 2.45E-12 | 2958 | 6.31E-12 | 3060 | | 3162 | 7.20E-12 |
| 2042 | 1.83E-13 | 2144 | 7.06E-13 | 2246 | 8.66E-13 | 2348 | 3.20E-13 | 2450 | 6.02E-13 | 2552 | 8.57E-13 | 2654 | 3.04E-12 | 2756 | 1.99E-12 | 2858 | 2.90E-12 | 2960 | 6.34E-12 | 3062 | 6.46E-12 | 3164 | 7.84E-12 |
| 2044 | -2.57E-13 | 2146 | 1.13E-12 | 2248 | 8.99E-13 | 2350 | 5.59E-13 | 2452 | 6.61E-13 | 2554 | 9.17E-13 | 2656 | 3.21E-12 | 2758 | 2.17E-12 | 2860 | 3.53E-12 | 2962 | 6.07E-12 | 3064 | 6.57E-12 | 3166 | 8.33E-12 |
| 2046 | -3.19E-13 | 2148 | 9.86E-13 | 2250 | 6.40E-13 | 2352 | 5.10E-13 | 2454 | 5.79E-13 | 2556 | 8.94E-13 | 2658 | 3.30E-12 | 2760 | 2.54E-12 | 2862 | 3.83E-12 | 2964 | 5.49E-12 | 3066 | 6.63E-12 | 3168 | 8.69E-12 |
| 2048 | -1.54E-13 | 2150 | 4.79E-13 | 2252 | 6.49E-13 | 2354 | 5.92E-13 | 2456 | 6.34E-13 | 2558 | 9.71E-13 | 2660 | 3.21E-12 | 2762 | 2.79E-12 | 2864 | 3.90E-12 | 2966 | 5.04E-12 | 3068 | 6.68E-12 | 3170 | 9.00E-12 |
| 2050 | -4.43E-14 | 2152 | 9.20E-13 | 2254 | 8.14E-13 | 2356 | 6.64E-13 | 2458 | 6.86E-13 | 2560 | 9.91E-13 | 2662 | 3.01E-12 | 2764 | 2.83E-12 | 2866 | 3.90E-12 | 2968 | 4.96E-12 | 3070 | 6.77E-12 | 3172 | 9.00E-12 |
| 2052 | 4.19E-13 | 2154 | 8.39E-13 | 2256 | 8.00E-13 | 2358 | 7.31E-13 | 2460 | 6.24E-13 | 2562 | 1.02E-12 | 2664 | 2.81E-12 | 2766 | 2.91E-12 | 2868 | 3.87E-12 | 2970 | 5.11E-12 | 3072 | 6.83E-12 | 3174 | 8.67E-12 |
| 2054 | 6.25E-13 | 2156 | 4.28E-13 | 2258 | 6.24E-13 | 2360 | 5.63E-13 | 2462 | 5.28E-13 | 2564 | 9.85E-13 | 2666 | 2.65E-12 | 2768 | 2.95E-12 | 2870 | 3.95E-12 | 2972 | 5.48E-12 | 3074 | 6.76E-12 | 3176 | 8.12E-12 |
| 2056 | 4.10E-13 | 2158 | 8.28E-13 | 2260 | 6.69E-13 | 2362 | 4.96E-13 | 2464 | 6.05E-13 | 2566 | 1.13E-12 | 2668 | 2.65E-12 | 2770 | 2.94E-12 | 2872 | 4.16E-12 | 2974 | 6.01E-12 | 3076 | 6.76E-12 | 3178 | 7.51E-12 |
| 2058 | 1.15E-13 | 2160 | 8.11E-13 | 2262 | 6.83E-13 | 2364 | 4.35E-13 | 2466 | 6.05E-13 | 2568 | 1.40E-12 | 2670 | 2.73E-12 | 2772 | 2.96E-12 | 2874 | 4.16E-12 | 2976 | 6.32E-12 | 3078 | 6.96E-12 | 3180 | 7.09E-12 |
| 2060 | -3.07E-14 | 2162 | 3.71E-13 | 2264 | 7.40E-13 | 2366 | 6.31E-13 | 2468 | 6.72E-13 | 2570 | 1.51E-12 | 2672 | 2.85E-12 | 2774 | 2.94E-12 | 2876 | 4.00E-12 | 2978 | 6.12E-12 | 3080 | 7.15E-12 | 3182 | 7.20E-12 |
| 2062 | -2.91E-13 | 2164 | 3.41E-13 | 2266 | 5.09E-13 | 2368 | 5.40E-13 | 2470 | 6.98E-13 | 2572 | 1.52E-12 | 2674 | 2.97E-12 | 2776 | 2.79E-12 | 2878 | 3.63E-12 | 2980 | 5.48E-12 | 3082 | 7.22E-12 | 3184 | 7.70E-12 |
| 2064 | 1.10E-13 | 2166 | 4.23E-13 | 2268 | 4.86E-13 | 2370 | 4.61E-13 | 2472 | 7.25E-13 | 2574 | 1.46E-12 | 2676 | 3.02E-12 | 2778 | 2.48E-12 | 2880 | 3.19E-12 | 2982 | 4.83E-12 | 3084 | 7.24E-12 | 3186 | 8.02E-12 |
| 2066 | 1.10E-13 | 2168 | 4.29E-13 | 2270 | 4.69E-13 | 2372 | 5.51E-13 | 2474 | 7.00E-13 | 2576 | 1.25E-12 | 2678 | 2.94E-12 | 2780 | 2.13E-12 | 2882 | 3.14E-12 | 2984 | 4.62E-12 | 3086 | 7.06E-12 | 3188 | 8.04E-12 |
| 2068 | -1.51E-13 | 2170 | 4.53E-13 | 2272 | 3.68E-13 | 2374 | 6.94E-13 | 2476 | 7.56E-13 | 2578 | 1.32E-12 | 2680 | 2.89E-12 | 2782 | 1.96E-12 | 2884 | 3.62E-12 | 2986 | 4.83E-12 | 3088 | 6.72E-12 | 3190 | 7.91E-12 |
| 2070 | -2.83E-14 | 2172 | 4.17E-13 | 2274 | 5.58E-13 | 2376 | 5.88E-13 | 2478 | 8.01E-13 | 2580 | 1.46E-12 | 2682 | 2.93E-12 | 2784 | 1.93E-12 | 2886 | 4.13E-12 | 2988 | 5.48E-12 | 3090 | 6.22E-12 | 3192 | 7.86E-12 |
| 2072 | 2.86E-14 | 2174 | 6.71E-13 | 2276 | 4.65E-13 | 2378 | 5.87E-13 | 2480 | 6.89E-13 | 2582 | 1.52E-12 | 2684 | 2.95E-12 | 2786 | 1.89E-12 | 2888 | 4.40E-12 | 2990 | 5.89E-12 | 3092 | 5.79E-12 | 3194 | 8.13E-12 |
| 2074 | 6.53E-13 | 2176 | 5.70E-13 | 2278 | 3.80E-13 | 2380 | 6.58E-13 | 2482 | 6.53E-13 | 2584 | 1.51E-12 | 2686 | 2.90E-12 | 2788 | 1.69E-12 | 2890 | 4.43E-12 | 2992 | 5.83E-12 | 3094 | 5.78E-12 | 3196 | 8.58E-12 |
| 2076 | 7.00E-13 | 2178 | 5.24E-13 | 2280 | 6.26E-13 | 2382 | 4.44E-13 | 2484 | 6.50E-13 | 2586 | 1.26E-12 | 2688 | 2.79E-12 | 2790 | 1.37E-12 | 2892 | 4.51E-12 | 2994 | 5.61E-12 | 3096 | 5.79E-12 | 3198 | 8.89E-12 |


HD 190406 G1 V V=5.80 (B-V)=0.61 E(B-V)=-0.01
LAP: LWP 12933
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 13043 G2 V V=6.91 (B-V)=0.61 E(B-V)=-0.02**

**LAP: LWP 9654**

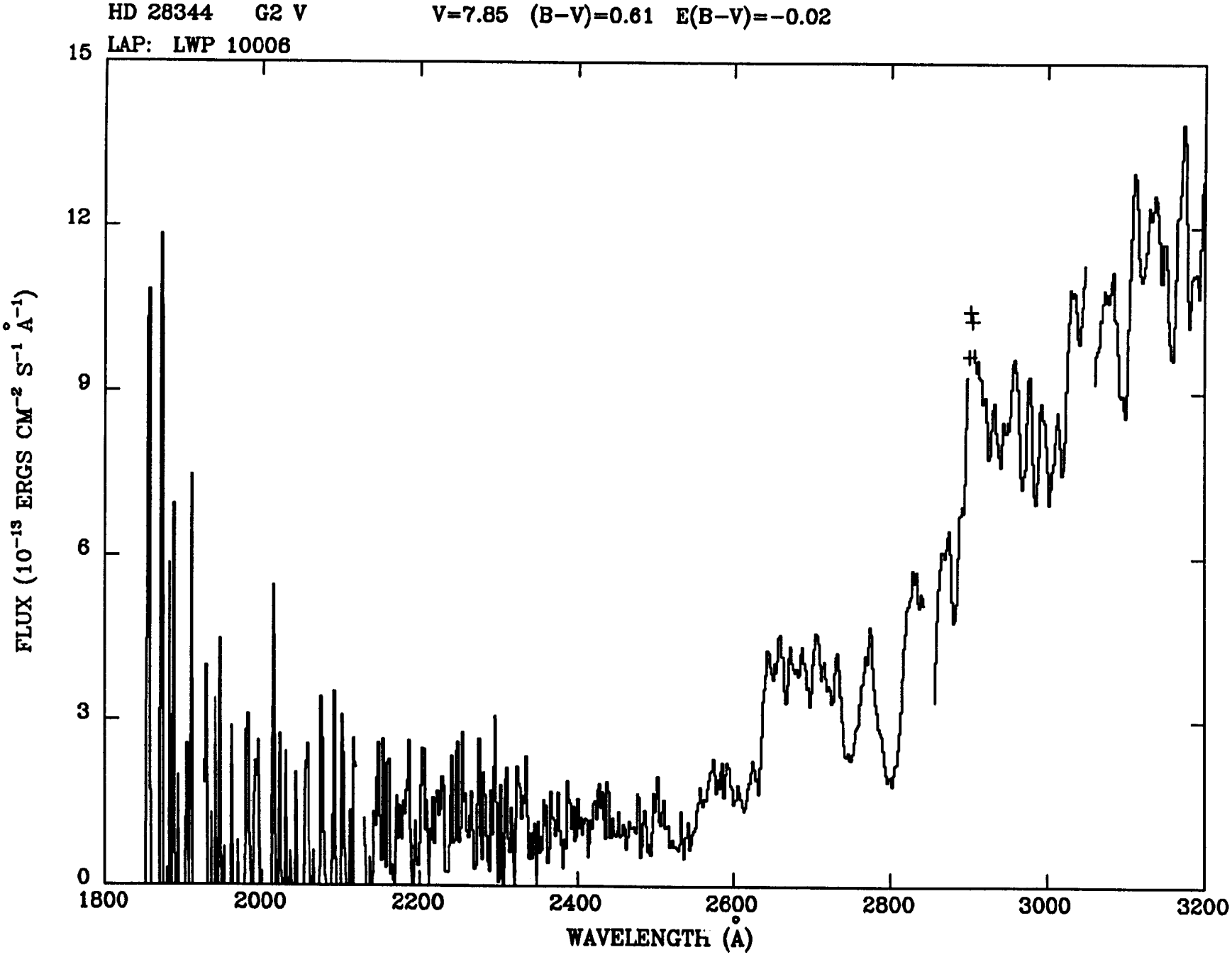
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.08E-14 | 2078 | 4.24E-13 | 2180 | -3.36E-14 | 2282 | 2.46E-13 | 2384 | 2.15E-13 | 2486 | 2.16E-13 | 2588 | 4.24E-13 | 2690 | 8.58E-13 | 2792 | 4.28E-13 | 2894 | 1.62E-12 | 2996 | 1.84E-12 | 3098 | 1.94E-12 |
| 1978 | 2.76E-13 | 2080 | 1.38E-13 | 2182 | 2.90E-14 | 2284 | 3.25E-13 | 2386 | 1.26E-13 | 2488 | 2.37E-13 | 2590 | 4.20E-13 | 2692 | 8.79E-13 | 2794 | 3.80E-13 | 2896 | 1.66E-12 | 2998 | 1.83E-12 | 3100 | 1.94E-12 |
| 1980 | -1.20E-13 | 2082 | 6.41E-14 | 2184 | 1.27E-13 | 2286 | 3.12E-13 | 2388 | 1.92E-13 | 2490 | 2.17E-13 | 2592 | 4.21E-13 | 2694 | 9.03E-13 | 2796 | 3.22E-13 | 2898 | 1.85E-12 | 3000 | 1.73E-12 | 3102 | 1.97E-12 |
| 1982 | 4.76E-13 | 2084 | 2.48E-14 | 2186 | 1.32E-13 | 2288 | 9.82E-14 | 2390 | 2.67E-13 | 2492 | 9.06E-14 | 2594 | 4.35E-13 | 2696 | 9.00E-13 | 2798 | 2.80E-13 | 2900 | 1.99E-12 | 3002 | 1.61E-12 | 3104 | 2.07E-12 |
| 1984 | 7.39E-13 | 2086 | -8.37E-14 | 2188 | 3.49E-13 | 2290 | 1.01E-13 | 2392 | 2.59E-13 | 2494 | 9.25E-14 | 2596 | 4.46E-13 | 2698 | 8.68E-13 | 2800 | 2.71E-13 | 2902 | 2.06E-12 | 3004 | 1.56E-12 | 3106 | 2.31E-12 |
| 1986 | -2.50E-13 | 2088 | 1.56E-15 | 2190 | 1.97E-13 | 2292 | 2.31E-13 | 2394 | 2.92E-13 | 2496 | 1.56E-13 | 2598 | 4.08E-13 | 2700 | 8.61E-13 | 2802 | 2.54E-13 | 2904 | 2.18E-12 | 3006 | 1.61E-12 | 3108 | 2.62E-12 |
| 1988 | 2.36E-15 | 2090 | 1.76E-14 | 2192 | -9.06E-14 | 2294 | 3.76E-13 | 2396 | 2.87E-13 | 2498 | 2.16E-13 | 2600 | 3.27E-13 | 2702 | 9.18E-13 | 2804 | 2.44E-13 | 2906 | 2.24E-12 | 3008 | 1.71E-12 | 3110 | 2.86E-12 |
| 1990 | 9.86E-14 | 2092 | 3.75E-13 | 2194 | 1.20E-13 | 2296 | 4.24E-13 | 2398 | 3.26E-13 | 2500 | 2.20E-13 | 2602 | 2.55E-13 | 2704 | 1.03E-12 | 2806 | 2.84E-13 | 2908 | 2.19E-12 | 3010 | 1.80E-12 | 3112 | 2.92E-12 |
| 1992 | -2.75E-13 | 2094 | 3.52E-13 | 2196 | 2.06E-14 | 2298 | 2.28E-13 | 2400 | 3.14E-13 | 2502 | 2.97E-13 | 2604 | 2.77E-13 | 2706 | 1.06E-12 | 2808 | 3.46E-13 | 2910 | 2.12E-12 | 3012 | 1.85E-12 | 3114 | 2.83E-12 |
| 1994 | -1.51E-13 | 2096 | 1.31E-14 | 2198 | 4.96E-14 | 2300 | 2.23E-13 | 2402 | 2.69E-13 | 2504 | 3.13E-13 | 2606 | 3.29E-13 | 2708 | 1.00E-12 | 2810 | 4.25E-13 | 2912 | 2.09E-12 | 3014 | 1.88E-12 | 3116 | 2.69E-12 |
| 1996 | 1.52E-13 | 2098 | 2.18E-13 | 2200 | 2.73E-13 | 2302 | 3.17E-13 | 2404 | 2.61E-13 | 2506 | 1.84E-13 | 2608 | 3.68E-13 | 2710 | 9.62E-13 | 2812 | 5.19E-13 | 2914 | 2.10E-12 | 3016 | 1.84E-12 | 3118 | 2.48E-12 |
| 1998 | -5.63E-14 | 2100 | 9.76E-14 | 2202 | 1.93E-13 | 2304 | 2.76E-13 | 2406 | 1.66E-13 | 2508 | 1.47E-13 | 2610 | 3.59E-13 | 2712 | 9.31E-13 | 2814 | 5.76E-13 | 2916 | 2.05E-12 | 3018 | 1.79E-12 | 3120 | 2.35E-12 |
| 2000 | 1.34E-13 | 2102 | 2.14E-13 | 2204 | 3.00E-13 | 2306 | 3.94E-14 | 2408 | 2.04E-13 | 2510 | 2.31E-13 | 2612 | 3.17E-13 | 2714 | 9.30E-13 | 2816 | 6.55E-13 | 2918 | 1.96E-12 | 3020 | 1.69E-12 | 3122 | 2.31E-12 |
| 2002 | -1.98E-14 | 2104 | 4.80E-13 | 2206 | 3.36E-13 | 2308 | 1.31E-13 | 2410 | 2.23E-13 | 2512 | 2.95E-13 | 2614 | 2.77E-13 | 2716 | 8.84E-13 | 2818 | 7.69E-13 | 2920 | 1.98E-12 | 3022 | 1.64E-12 | 3124 | 2.45E-12 |
| 2004 | -3.90E-13 | 2106 | 2.16E-13 | 2208 | 1.84E-13 | 2310 | 4.58E-13 | 2412 | 1.87E-13 | 2514 | 2.54E-13 | 2616 | 2.63E-13 | 2718 | 8.15E-13 | 2820 | 8.65E-13 | 2922 | 1.95E-12 | 3024 | 1.70E-12 | 3126 | 2.54E-12 |
| 2006 | -1.22E-13 | 2108 | -5.64E-14 | 2210 | 1.87E-13 | 2312 | 3.26E-13 | 2414 | 6.42E-14 | 2516 | 2.15E-13 | 2618 | 2.98E-13 | 2720 | 7.71E-13 | 2822 | 9.46E-13 | 2924 | 1.89E-12 | 3026 | 1.89E-12 | 3128 | 2.55E-12 |
| 2008 | -3.52E-13 | 2110 | 1.54E-13 | 2212 | -1.35E-13 | 2314 | 1.97E-13 | 2416 | 6.21E-14 | 2518 | 2.04E-13 | 2620 | 3.46E-13 | 2722 | 7.42E-13 | 2824 | 1.02E-12 | 2926 | 1.84E-12 | 3028 | 2.09E-12 | 3130 | 2.61E-12 |
| 2010 | -2.89E-13 | 2112 | 4.49E-13 | 2214 | -1.09E-15 | 2316 | 1.72E-13 | 2418 | 1.74E-13 | 2520 | 1.59E-13 | 2622 | 3.67E-13 | 2724 | 7.24E-13 | 2826 | 1.08E-12 | 2928 | 1.81E-12 | 3030 | 2.32E-12 | 3132 | 2.74E-12 |
| 2012 | 2.89E-14 | 2114 | 1.59E-13 | 2216 | 3.08E-13 | 2318 | 2.36E-13 | 2420 | 1.97E-13 | 2522 | 1.17E-13 | 2624 | 3.81E-13 | 2726 | 7.33E-13 | 2828 | 1.12E-12 | 2930 | 1.88E-12 | 3032 | 2.54E-12 | 3134 | 2.76E-12 |
| 2014 | 2.90E-13 | 2116 | 3.26E-13 | 2218 | 2.77E-13 | 2320 | 1.70E-13 | 2422 | 1.74E-13 | 2524 | 7.44E-14 | 2626 | 3.81E-13 | 2728 | 7.55E-13 | 2830 | 1.13E-12 | 2932 | 1.93E-12 | 3034 | 2.65E-12 | 3136 | 2.75E-12 |
| 2016 | 2.39E-13 | 2118 | 3.06E-13 | 2220 | 1.71E-13 | 2322 | -6.56E-14 | 2424 | 1.79E-13 | 2526 | 1.36E-13 | 2628 | 3.58E-13 | 2730 | 7.97E-13 | 2832 | 1.13E-12 | 2934 | 2.02E-12 | 3036 | 2.65E-12 | 3138 | 2.70E-12 |
| 2018 | -5.54E-13 | 2120 | 1.77E-13 | 2222 | 2.40E-13 | 2324 | 2.98E-13 | 2426 | 1.84E-13 | 2528 | 1.88E-13 | 2630 | 3.65E-13 | 2732 | 8.36E-13 | 2834 | 1.19E-12 | 2936 | 2.02E-12 | 3038 | 2.54E-12 | 3140 | 2.63E-12 |
| 2020 | -5.93E-13 | 2122 | 7.58E-13 | 2224 | 3.11E-13 | 2326 | 4.80E-13 | 2428 | 2.73E-13 | 2530 | 1.20E-13 | 2632 | 3.48E-13 | 2734 | 8.58E-13 | 2836 | 1.22E-12 | 2938 | 1.95E-12 | 3040 | 2.36E-12 | 3142 | 2.48E-12 |
| 2022 | -2.83E-13 | 2124 | 3.28E-13 | 2226 | 2.59E-13 | 2328 | 3.48E-13 | 2430 | 3.17E-13 | 2532 | 1.48E-13 | 2634 | 4.18E-13 | 2736 | 8.51E-13 | 2838 | 1.20E-12 | 2940 | 1.87E-12 | 3042 | 2.25E-12 | 3144 | 2.27E-12 |
| 2024 | 1.46E-14 | 2126 | | 2228 | 2.12E-13 | 2330 | 3.05E-13 | 2432 | 2.83E-13 | 2534 | 2.51E-13 | 2636 | 5.10E-13 | 2738 | 7.60E-13 | 2840 | 1.18E-12 | 2942 | 1.83E-12 | 3044 | 2.30E-12 | 3146 | 2.19E-12 |
| 2026 | -3.35E-14 | 2128 | 4.25E-13 | 2230 | 4.90E-13 | 2332 | 2.45E-13 | 2434 | 2.82E-13 | 2536 | 1.59E-13 | 2638 | 6.72E-13 | 2740 | 6.35E-13 | 2842 | 1.15E-12 | 2944 | 1.86E-12 | 3046 | 2.33E-12 | 3148 | 2.27E-12 |
| 2028 | -1.88E-13 | 2130 | 2.73E-13 | 2232 | 5.31E-13 | 2334 | 2.57E-13 | 2436 | 1.17E-13 | 2538 | 1.12E-13 | 2640 | 7.91E-13 | 2742 | 5.40E-13 | 2844 | 1.10E-12 | 2946 | 1.85E-12 | 3048 | 2.44E-12 | 3150 | 2.40E-12 |
| 2030 | 4.30E-14 | 2132 | -1.39E-13 | 2234 | 8.98E-14 | 2336 | 4.43E-13 | 2438 | 2.46E-13 | 2540 | 1.86E-13 | 2642 | 8.91E-13 | 2744 | 5.09E-13 | 2846 | 1.01E-12 | 2948 | 1.85E-12 | 3050 | 2.47E-12 | 3152 | 2.50E-12 |
| 2032 | 2.09E-13 | 2134 | -1.72E-14 | 2236 | 1.34E-13 | 2338 | 4.66E-13 | 2440 | 3.32E-13 | 2542 | 2.21E-13 | 2644 | 9.06E-13 | 2746 | 5.15E-13 | 2848 | | 2950 | 1.86E-12 | 3052 | | 3154 | 2.49E-12 |
| 2034 | -2.34E-13 | 2136 | 1.24E-13 | 2238 | 2.89E-13 | 2340 | 2.25E-13 | 2442 | 2.97E-13 | 2544 | 2.48E-13 | 2646 | | 2748 | 4.98E-13 | 2850 | | 2952 | 1.90E-12 | 3054 | | 3156 | 2.42E-12 |
| 2036 | 3.29E-13 | 2138 | 1.67E-13 | 2240 | 2.98E-13 | 2342 | 8.63E-14 | 2444 | 1.85E-13 | 2546 | 2.05E-13 | 2648 | 8.47E-13 | 2750 | 4.75E-13 | 2852 | | 2954 | 1.90E-12 | 3056 | | 3158 | 2.36E-12 |
| 2038 | 1.21E-13 | 2140 | -8.67E-14 | 2242 | 3.64E-13 | 2344 | 1.65E-13 | 2446 | 1.97E-13 | 2548 | 1.82E-13 | 2650 | 8.20E-13 | 2752 | 5.00E-13 | 2854 | | 2956 | 2.03E-12 | 3058 | | 3160 | 2.27E-12 |
| 2040 | -3.19E-13 | 2142 | 8.70E-14 | 2244 | 2.73E-13 | 2346 | 1.32E-13 | 2448 | 1.79E-13 | 2550 | 2.15E-13 | 2652 | 8.44E-13 | 2754 | 5.60E-13 | 2856 | 6.12E-13 | 2958 | 2.13E-12 | 3060 | | 3162 | 2.17E-12 |
| 2042 | -4.46E-14 | 2144 | 2.06E-13 | 2246 | 2.75E-13 | 2348 | 1.12E-14 | 2450 | 1.64E-13 | 2552 | 2.23E-13 | 2654 | 8.54E-13 | 2756 | 5.91E-13 | 2858 | 7.17E-13 | 2960 | 2.20E-12 | 3062 | 2.12E-12 | 3164 | 2.16E-12 |
| 2044 | 3.64E-13 | 2146 | 2.63E-13 | 2248 | 4.15E-13 | 2350 | 1.91E-13 | 2452 | 2.54E-13 | 2554 | 2.26E-13 | 2656 | 8.64E-13 | 2758 | 6.57E-13 | 2860 | 9.41E-13 | 2962 | 2.21E-12 | 3064 | 2.14E-12 | 3166 | 2.32E-12 |
| 2046 | -3.91E-14 | 2148 | 2.57E-13 | 2250 | 3.99E-13 | 2352 | 2.88E-13 | 2454 | 2.70E-13 | 2556 | 2.53E-13 | 2658 | 9.53E-13 | 2760 | 7.01E-13 | 2862 | 1.15E-12 | 2964 | 2.13E-12 | 3066 | 2.18E-12 | 3168 | 2.55E-12 |
| 2048 | 1.10E-13 | 2150 | 1.79E-13 | 2252 | 2.31E-13 | 2354 | 4.69E-14 | 2456 | 1.70E-13 | 2558 | 3.23E-13 | 2660 | 1.01E-12 | 2762 | 7.80E-13 | 2864 | 1.23E-12 | 2966 | 1.96E-12 | 3068 | 2.26E-12 | 3170 | 2.88E-12 |
| 2050 | 1.47E-13 | 2152 | 2.88E-13 | 2254 | 2.51E-13 | 2356 | 1.27E-13 | 2458 | 1.46E-13 | 2560 | 3.27E-13 | 2662 | 9.54E-13 | 2764 | 8.74E-13 | 2866 | 1.26E-12 | 2968 | 1.80E-12 | 3070 | 2.29E-12 | 3172 | 3.08E-12 |
| 2052 | 1.44E-13 | 2154 | 3.13E-13 | 2256 | 4.00E-13 | 2358 | 2.58E-13 | 2460 | 1.93E-13 | 2562 | 3.02E-13 | 2664 | 9.58E-13 | 2766 | 8.91E-13 | 2868 | 1.32E-12 | 2970 | 1.75E-12 | 3072 | 2.35E-12 | 3174 | 3.02E-12 |
| 2054 | 5.72E-14 | 2156 | 1.86E-13 | 2258 | 4.53E-13 | 2360 | 2.85E-13 | 2462 | 1.73E-13 | 2564 | 2.98E-13 | 2666 | 9.28E-13 | 2768 | 8.70E-13 | 2870 | 1.32E-12 | 2972 | 1.77E-12 | 3074 | 2.39E-12 | 3176 | 2.83E-12 |
| 2056 | 2.21E-13 | 2158 | 8.87E-14 | 2260 | 2.19E-13 | 2362 | 2.13E-13 | 2464 | 1.88E-13 | 2566 | 2.95E-13 | 2668 | 8.61E-13 | 2770 | 8.51E-13 | 2872 | 1.39E-12 | 2974 | 1.82E-12 | 3076 | 2.38E-12 | 3178 | 2.64E-12 |
| 2058 | 5.84E-13 | 2160 | 4.06E-13 | 2262 | 1.14E-13 | 2364 | 1.36E-13 | 2466 | 1.81E-13 | 2568 | 3.71E-13 | 2670 | 8.83E-13 | 2772 | 8.90E-13 | 2874 | 1.43E-12 | 2976 | 1.98E-12 | 3078 | 2.39E-12 | 3180 | 2.50E-12 |
| 2060 | 3.35E-13 | 2162 | 1.47E-13 | 2264 | 1.31E-13 | 2366 | 2.42E-13 | 2468 | 1.47E-13 | 2570 | 3.99E-13 | 2672 | 9.40E-13 | 2774 | 9.03E-13 | 2876 | 1.41E-12 | 2978 | 2.14E-12 | 3080 | 2.36E-12 | 3182 | 2.35E-12 |
| 2062 | 1.65E-13 | 2164 | -1.16E-13 | 2266 | 3.97E-13 | 2368 | 2.62E-13 | 2470 | 2.63E-13 | 2572 | 4.30E-13 | 2674 | 9.37E-13 | 2776 | 9.01E-13 | 2878 | 1.32E-12 | 2980 | 2.21E-12 | 3082 | 2.41E-12 | 3184 | 2.28E-12 |
| 2064 | -1.68E-14 | 2166 | 3.25E-14 | 2268 | 1.76E-13 | 2370 | 1.93E-13 | 2472 | 1.75E-13 | 2574 | 5.25E-13 | 2676 | 9.01E-13 | 2778 | 8.71E-13 | 2880 | 1.19E-12 | 2982 | 2.05E-12 | 3084 | 2.50E-12 | 3186 | 2.29E-12 |
| 2066 | 1.87E-13 | 2168 | -2.12E-13 | 2270 | 5.00E-14 | 2372 | 2.39E-13 | 2474 | 1.86E-13 | 2576 | 5.23E-13 | 2678 | 8.94E-13 | 2780 | 7.86E-13 | 2882 | 1.11E-12 | 2984 | 1.79E-12 | 3086 | 2.43E-12 | 3188 | 2.42E-12 |
| 2068 | -6.34E-14 | 2170 | 2.30E-13 | 2272 | 1.55E-13 | 2374 | 2.59E-13 | 2476 | 1.83E-13 | 2578 | 4.34E-13 | 2680 | 8.80E-13 | 2782 | 6.84E-13 | 2884 | 1.11E-12 | 2986 | 1.64E-12 | 3088 | 2.33E-12 | 3190 | 2.57E-12 |
| 2070 | -1.82E-13 | 2172 | 2.85E-13 | 2274 | 3.05E-13 | 2376 | 2.51E-13 | 2478 | 2.44E-13 | 2580 | 4.46E-13 | 2682 | 8.26E-13 | 2784 | 6.06E-13 | 2886 | 1.22E-12 | 2988 | 1.68E-12 | 3090 | 2.33E-12 | 3192 | 2.51E-12 |
| 2072 | -1.01E-14 | 2174 | 1.08E-14 | 2276 | 4.57E-13 | 2378 | 1.71E-13 | 2480 | 2.21E-13 | 2582 | 4.51E-13 | 2684 | 7.84E-13 | 2786 | 5.39E-13 | 2888 | 1.43E-12 | 2990 | 1.81E-12 | 3092 | 2.22E-12 | 3194 | 2.50E-12 |
| 2074 | 9.16E-15 | 2176 | 1.33E-13 | 2278 | 3.08E-13 | 2380 | 9.20E-14 | 2482 | 1.64E-13 | 2584 | 4.86E-13 | 2686 | 8.21E-13 | 2788 | 4.90E-13 | 2890 | 1.51E-12 | 2992 | 1.86E-12 | 3094 | 2.04E-12 | 3196 | 2.64E-12 |
| 2076 | 3.89E-13 | 2178 | 4.41E-13 | 2280 | 1.31E-13 | 2382 | 1.63E-13 | 2484 | 1.80E-13 | 2586 | 4.87E-13 | 2688 | 8.76E-13 | 2790 | 4.57E-13 | 2892 | 1.58E-12 | 2994 | 1.84E-12 | 3096 | 1.92E-12 | 3198 | 2.72E-12 |


HD 13043 G2 V
V=6.91 (B-V)=0.61 E(B-V)=-0.02
LAP: LWP 9654
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 28344 G2 V V=7.85 (B-V)=0.61 E(B-V)=-0.02

LAP: LWP 10006

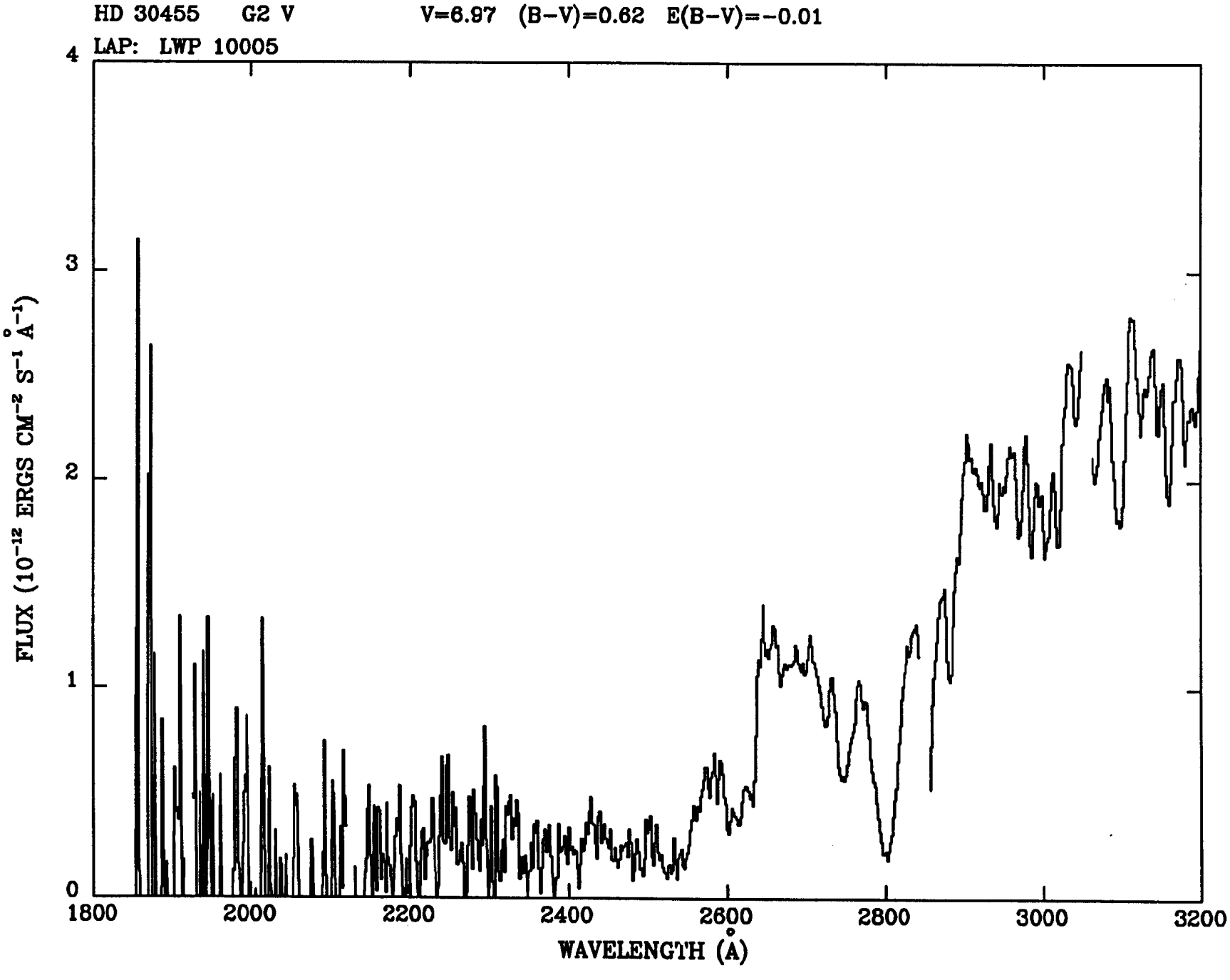
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -9.73E-14 | 2078 | 1.81E-13 | 2180 | 1.52E-13 | 2282 | 1.81E-13 | 2384 | 8.18E-14 | 2486 | 1.30E-13 | 2588 | 1.74E-13 | 2690 | 4.14E-13 | 2792 | 2.37E-13 | 2894 | 6.83E-13 | 2996 | 8.50E-13 | 3098 | 8.69E-13 |
| 1978 | 2.91E-14 | 2080 | 5.22E-14 | 2182 | 1.36E-13 | 2284 | 1.16E-13 | 2386 | 9.87E-14 | 2488 | 1.15E-13 | 2590 | 2.10E-13 | 2692 | 3.98E-13 | 2794 | 2.12E-13 | 2896 | 7.37E-13 | 2998 | 8.23E-13 | 3100 | 8.63E-13 |
| 1980 | 2.19E-13 | 2082 | -1.87E-14 | 2184 | 1.75E-13 | 2286 | 5.58E-14 | 2388 | 1.80E-13 | 2490 | 6.92E-14 | 2592 | 2.21E-13 | 2694 | 3.62E-13 | 2796 | 1.95E-13 | 2898 | 8.47E-13 | 3000 | 7.75E-13 | 3102 | 9.28E-13 |
| 1982 | 3.04E-13 | 2084 | -1.19E-13 | 2186 | 2.09E-13 | 2288 | 3.05E-14 | 2390 | 1.54E-13 | 2492 | 7.43E-14 | 2594 | 2.15E-13 | 2696 | 3.62E-13 | 2798 | 1.94E-13 | 2900 | 9.27E-13 | 3002 | 7.16E-13 | 3104 | 1.04E-12 |
| 1984 | 1.25E-13 | 2086 | -1.23E-13 | 2188 | 2.07E-13 | 2290 | 1.51E-13 | 2392 | 1.29E-13 | 2494 | 5.95E-14 | 2596 | 1.98E-13 | 2698 | 3.33E-13 | 2800 | 1.98E-13 | 2902 | | 3004 | 7.20E-13 | 3106 | 1.13E-12 |
| 1986 | -3.09E-14 | 2088 | 1.33E-14 | 2190 | 4.12E-14 | 2292 | 9.74E-14 | 2394 | 1.24E-13 | 2496 | 1.05E-13 | 2598 | 1.80E-13 | 2700 | 3.65E-13 | 2802 | 1.86E-13 | 2904 | | 3006 | 7.54E-13 | 3108 | 1.21E-12 |
| 1988 | -5.38E-14 | 2090 | 1.14E-13 | 2192 | -2.77E-14 | 2294 | 2.20E-13 | 2396 | 1.10E-13 | 2498 | 1.63E-13 | 2600 | 1.59E-13 | 2702 | 4.12E-13 | 2804 | 1.98E-13 | 2906 | | 3008 | 7.71E-13 | 3110 | 1.28E-12 |
| 1990 | 1.73E-13 | 2092 | 3.42E-13 | 2194 | 6.34E-14 | 2296 | 2.93E-13 | 2398 | 8.68E-14 | 2500 | 1.41E-13 | 2602 | 1.54E-13 | 2704 | 4.44E-13 | 2806 | 2.17E-13 | 2908 | 9.69E-13 | 3010 | 8.11E-13 | 3112 | 1.30E-12 |
| 1992 | 2.21E-13 | 2094 | 3.00E-14 | 2196 | 7.62E-14 | 2298 | 1.29E-13 | 2400 | 1.37E-13 | 2502 | 1.72E-13 | 2604 | 1.57E-13 | 2706 | 4.60E-13 | 2808 | 2.21E-13 | 2910 | 9.47E-13 | 3012 | 8.46E-13 | 3114 | 1.26E-12 |
| 1994 | 2.14E-13 | 2096 | -2.69E-13 | 2198 | 4.10E-14 | 2300 | 2.31E-14 | 2402 | 1.18E-13 | 2504 | 1.70E-13 | 2606 | 1.79E-13 | 2708 | 4.51E-13 | 2810 | 2.49E-13 | 2912 | 9.48E-13 | 3014 | 8.61E-13 | 3116 | 1.18E-12 |
| 1996 | 1.53E-13 | 2098 | -6.93E-14 | 2200 | 6.67E-14 | 2302 | 1.06E-13 | 2404 | 1.21E-13 | 2506 | 1.14E-13 | 2608 | 1.71E-13 | 2710 | 4.23E-13 | 2812 | 2.84E-13 | 2914 | 9.38E-13 | 3016 | 8.28E-13 | 3118 | 1.12E-12 |
| 1998 | -9.89E-14 | 2100 | 5.71E-14 | 2202 | 1.60E-13 | 2304 | 1.23E-13 | 2406 | 9.63E-14 | 2508 | 1.21E-13 | 2610 | 1.57E-13 | 2712 | 3.88E-13 | 2814 | 3.28E-13 | 2916 | 9.25E-13 | 3018 | 7.87E-13 | 3120 | 1.10E-12 |
| 2000 | -7.49E-14 | 2102 | 2.86E-13 | 2204 | 2.39E-13 | 2306 | -3.22E-15 | 2408 | 1.12E-13 | 2510 | 1.47E-13 | 2612 | 1.43E-13 | 2714 | 3.93E-13 | 2816 | 3.93E-13 | 2918 | 8.92E-13 | 3020 | 7.55E-13 | 3122 | 1.11E-12 |
| 2002 | -5.10E-14 | 2104 | 1.70E-13 | 2206 | 2.48E-13 | 2308 | 8.53E-14 | 2410 | 1.22E-13 | 2512 | 1.25E-13 | 2614 | 1.37E-13 | 2716 | 4.08E-13 | 2818 | 4.42E-13 | 2920 | 8.88E-13 | 3022 | 7.82E-13 | 3124 | 1.13E-12 |
| 2004 | -1.98E-14 | 2106 | 2.66E-15 | 2208 | 1.04E-13 | 2310 | 2.04E-13 | 2412 | 1.10E-13 | 2514 | 1.06E-13 | 2616 | 1.46E-13 | 2718 | 3.87E-13 | 2820 | 4.76E-13 | 2922 | 8.92E-13 | 3024 | 8.53E-13 | 3126 | 1.16E-12 |
| 2006 | -1.07E-13 | 2108 | -1.52E-13 | 2210 | 1.37E-13 | 2312 | 1.30E-13 | 2414 | 5.96E-14 | 2516 | 1.08E-13 | 2618 | 1.64E-13 | 2720 | 3.62E-13 | 2822 | 5.08E-13 | 2924 | 8.48E-13 | 3026 | 9.44E-13 | 3128 | 1.20E-12 |
| 2008 | -3.35E-13 | 2110 | -3.30E-14 | 2212 | -7.48E-16 | 2314 | 6.80E-14 | 2416 | 9.05E-14 | 2518 | 7.83E-14 | 2620 | 1.81E-13 | 2722 | 3.65E-13 | 2824 | 5.17E-13 | 2926 | 7.81E-13 | 3028 | 1.01E-12 | 3130 | 1.23E-12 |
| 2010 | -7.87E-14 | 2112 | 1.19E-13 | 2214 | 9.81E-14 | 2316 | 1.21E-13 | 2418 | 1.14E-13 | 2520 | 7.95E-14 | 2622 | 1.96E-13 | 2724 | 3.58E-13 | 2826 | 5.27E-13 | 2928 | 7.95E-13 | 3030 | 1.07E-12 | 3132 | 1.22E-12 |
| 2012 | 6.45E-15 | 2114 | 3.53E-14 | 2216 | 1.06E-13 | 2318 | 1.18E-13 | 2420 | 1.24E-13 | 2522 | 8.33E-14 | 2624 | 2.19E-13 | 2726 | 3.34E-13 | 2828 | 5.61E-13 | 2930 | 8.43E-13 | 3032 | 1.08E-12 | 3134 | 1.22E-12 |
| 2014 | 3.81E-13 | 2116 | 2.14E-13 | 2218 | 1.30E-13 | 2320 | 9.10E-15 | 2422 | 1.52E-13 | 2524 | 7.07E-14 | 2626 | 2.19E-13 | 2728 | 3.46E-13 | 2830 | 5.60E-13 | 2932 | 8.74E-13 | 3034 | 1.08E-12 | 3136 | 1.24E-12 |
| 2016 | 3.43E-13 | 2118 | 2.29E-13 | 2220 | 1.10E-13 | 2322 | 1.21E-13 | 2424 | 1.36E-13 | 2526 | 7.21E-14 | 2628 | 1.99E-13 | 2730 | 3.97E-13 | 2832 | 5.68E-13 | 2934 | 8.63E-13 | 3036 | 1.08E-12 | 3138 | 1.26E-12 |
| 2018 | -1.17E-13 | 2120 | 2.15E-13 | 2222 | 1.62E-13 | 2324 | 2.13E-13 | 2426 | 1.54E-13 | 2528 | 6.80E-14 | 2630 | 1.95E-13 | 2732 | 4.21E-13 | 2834 | 5.75E-13 | 2936 | 8.21E-13 | 3038 | 1.05E-12 | 3140 | 1.24E-12 |
| 2020 | -1.38E-13 | 2122 | | 2224 | 1.47E-13 | 2326 | 1.85E-13 | 2428 | 1.81E-13 | 2530 | 6.77E-14 | 2632 | 1.73E-13 | 2734 | 4.15E-13 | 2836 | 5.24E-13 | 2938 | 7.99E-13 | 3040 | 9.99E-13 | 3142 | 1.20E-12 |
| 2022 | 1.46E-13 | 2124 | | 2226 | 1.34E-13 | 2328 | 1.64E-13 | 2430 | 1.52E-13 | 2532 | 9.73E-14 | 2634 | 2.09E-13 | 2736 | 3.74E-13 | 2838 | 5.10E-13 | 2940 | 7.75E-13 | 3042 | 9.94E-13 | 3144 | 1.13E-12 |
| 2024 | 1.25E-13 | 2126 | | 2228 | 1.79E-13 | 2330 | 1.34E-13 | 2432 | 1.65E-13 | 2534 | 1.12E-13 | 2636 | 2.68E-13 | 2738 | 3.24E-13 | 2840 | 5.33E-13 | 2942 | 7.92E-13 | 3044 | 1.03E-12 | 3146 | 1.10E-12 |
| 2026 | -2.18E-14 | 2128 | | 2230 | 1.84E-13 | 2332 | 1.59E-13 | 2434 | 1.28E-13 | 2536 | 6.56E-14 | 2638 | 3.35E-13 | 2740 | 2.78E-13 | 2842 | 5.26E-13 | 2944 | 8.34E-13 | 3046 | 1.07E-12 | 3148 | 1.16E-12 |
| 2028 | -5.68E-14 | 2130 | 1.06E-13 | 2232 | 4.88E-14 | 2334 | 1.89E-13 | 2436 | 8.80E-14 | 2538 | 7.16E-14 | 2640 | 3.62E-13 | 2742 | 2.44E-13 | 2844 | 5.13E-13 | 2946 | 8.34E-13 | 3048 | 1.11E-12 | 3150 | 1.17E-12 |
| 2030 | 1.82E-13 | 2132 | 1.84E-14 | 2234 | 2.46E-14 | 2336 | 1.81E-13 | 2438 | 1.87E-13 | 2540 | 8.90E-14 | 2642 | 3.92E-13 | 2744 | 2.36E-13 | 2846 | | 2948 | 8.28E-13 | 3050 | 1.13E-12 | 3152 | 1.13E-12 |
| 2032 | -1.61E-13 | 2134 | -1.13E-13 | 2236 | 2.71E-14 | 2338 | 8.43E-14 | 2440 | 1.59E-13 | 2542 | 1.06E-13 | 2644 | 4.29E-13 | 2746 | 2.42E-13 | 2848 | | 2950 | 8.44E-13 | 3052 | | 3154 | 1.03E-12 |
| 2034 | -5.47E-14 | 2136 | -5.17E-14 | 2238 | 8.17E-14 | 2340 | 7.71E-14 | 2442 | 8.86E-14 | 2544 | 7.89E-14 | 2646 | 4.18E-13 | 2748 | 2.33E-13 | 2850 | | 2952 | 8.34E-13 | 3054 | | 3156 | 9.86E-13 |
| 2036 | 5.64E-14 | 2138 | 1.11E-14 | 2240 | 1.73E-13 | 2342 | 6.55E-14 | 2444 | 9.71E-14 | 2546 | 7.37E-14 | 2648 | 3.96E-13 | 2750 | 2.29E-13 | 2852 | | 2954 | 8.62E-13 | 3056 | | 3158 | 9.62E-13 |
| 2038 | -5.02E-14 | 2140 | 6.48E-15 | 2242 | 1.96E-13 | 2344 | 8.47E-14 | 2446 | 1.13E-13 | 2548 | 9.16E-14 | 2650 | 3.83E-13 | 2752 | 2.41E-13 | 2854 | | 2956 | 9.14E-13 | 3058 | | 3160 | 9.74E-13 |
| 2040 | -1.46E-13 | 2142 | 9.90E-14 | 2244 | 7.87E-14 | 2346 | 1.09E-13 | 2448 | 9.21E-14 | 2550 | 9.98E-14 | 2652 | 3.92E-13 | 2754 | 2.65E-13 | 2856 | 3.36E-13 | 2958 | 9.55E-13 | 3060 | 9.16E-13 | 3162 | 1.05E-12 |
| 2042 | 8.39E-14 | 2144 | 1.14E-13 | 2246 | 1.38E-13 | 2348 | 1.61E-14 | 2450 | 9.48E-14 | 2552 | 1.08E-13 | 2654 | 3.98E-13 | 2756 | 2.87E-13 | 2858 | 3.85E-13 | 2960 | 9.55E-13 | 3062 | 9.57E-13 | 3164 | 1.15E-12 |
| 2044 | 9.65E-14 | 2146 | 1.82E-13 | 2248 | 2.52E-13 | 2350 | 1.11E-13 | 2452 | 1.19E-13 | 2554 | 1.39E-13 | 2656 | 4.04E-13 | 2758 | 2.92E-13 | 2860 | 4.67E-13 | 2962 | 9.28E-13 | 3064 | 9.75E-13 | 3166 | 1.22E-12 |
| 2046 | -1.58E-13 | 2148 | 2.53E-13 | 2250 | 1.70E-13 | 2352 | 6.15E-14 | 2454 | 1.07E-13 | 2556 | 1.56E-13 | 2658 | 4.41E-13 | 2760 | 3.07E-13 | 2862 | 5.33E-13 | 2964 | 8.76E-13 | 3066 | 9.85E-13 | 3168 | 1.24E-12 |
| 2048 | -1.84E-13 | 2150 | 1.27E-13 | 2252 | 9.30E-14 | 2354 | 8.53E-14 | 2456 | 9.15E-14 | 2558 | 1.73E-13 | 2660 | 4.58E-13 | 2762 | 3.45E-13 | 2864 | 5.75E-13 | 2966 | 7.93E-13 | 3068 | 1.03E-12 | 3170 | 1.30E-12 |
| 2050 | -1.59E-13 | 2152 | 6.81E-14 | 2254 | 2.09E-13 | 2356 | 8.32E-14 | 2458 | 1.07E-13 | 2560 | 1.53E-13 | 2662 | 4.25E-13 | 2764 | 3.68E-13 | 2866 | 6.09E-13 | 2968 | 7.36E-13 | 3070 | 1.03E-12 | 3172 | 1.37E-12 |
| 2052 | -8.78E-14 | 2154 | 2.50E-13 | 2256 | 1.97E-13 | 2358 | 1.44E-13 | 2460 | 1.06E-13 | 2562 | 1.50E-13 | 2664 | 4.19E-13 | 2766 | 3.80E-13 | 2868 | 6.11E-13 | 2970 | 7.40E-13 | 3072 | 1.07E-12 | 3174 | 1.37E-12 |
| 2054 | 1.11E-13 | 2156 | 1.28E-13 | 2258 | 1.63E-13 | 2360 | 1.23E-13 | 2462 | 7.31E-14 | 2564 | 1.57E-13 | 2666 | 3.59E-13 | 2768 | 4.08E-13 | 2870 | 6.02E-13 | 2972 | 7.58E-13 | 3074 | 1.08E-12 | 3176 | 1.25E-12 |
| 2056 | 2.20E-13 | 2158 | 9.00E-14 | 2260 | 1.12E-13 | 2362 | 1.05E-13 | 2464 | 8.80E-14 | 2566 | 1.66E-13 | 2668 | 3.38E-13 | 2770 | 4.12E-13 | 2872 | 6.21E-13 | 2974 | 8.26E-13 | 3076 | 1.07E-12 | 3178 | 1.09E-12 |
| 2058 | 2.49E-13 | 2160 | 2.25E-13 | 2262 | 8.93E-14 | 2364 | 5.39E-14 | 2466 | 1.16E-13 | 2568 | 1.85E-13 | 2670 | 3.76E-13 | 2772 | 4.27E-13 | 2874 | 6.41E-13 | 2976 | 9.09E-13 | 3078 | 1.07E-12 | 3180 | 1.02E-12 |
| 2060 | 1.05E-13 | 2162 | 1.35E-13 | 2264 | 1.25E-13 | 2366 | 1.24E-13 | 2468 | 1.05E-13 | 2570 | 2.02E-13 | 2672 | 4.22E-13 | 2774 | 4.64E-13 | 2876 | 6.35E-13 | 2978 | 9.28E-13 | 3080 | 1.07E-12 | 3182 | 1.06E-12 |
| 2062 | -5.77E-14 | 2164 | 2.92E-14 | 2266 | 1.67E-13 | 2368 | 1.43E-13 | 2470 | 1.05E-13 | 2572 | 2.09E-13 | 2674 | 4.28E-13 | 2776 | 4.63E-13 | 2878 | 5.74E-13 | 2980 | 8.84E-13 | 3082 | 1.09E-12 | 3184 | 1.11E-12 |
| 2064 | -3.09E-14 | 2166 | 2.19E-14 | 2268 | 8.96E-14 | 2370 | 1.22E-13 | 2472 | 1.05E-13 | 2574 | 2.26E-13 | 2676 | 4.03E-13 | 2778 | 4.09E-13 | 2880 | 5.04E-13 | 2982 | 7.75E-13 | 3084 | 1.11E-12 | 3186 | 1.11E-12 |
| 2066 | 3.98E-14 | 2168 | 2.11E-15 | 2270 | 3.20E-14 | 2372 | 9.82E-14 | 2474 | 9.78E-14 | 2576 | 2.07E-13 | 2678 | 3.94E-13 | 2780 | 3.62E-13 | 2882 | 4.85E-13 | 2984 | 7.12E-13 | 3086 | 1.06E-12 | 3188 | 1.11E-12 |
| 2068 | -1.49E-13 | 2170 | 1.13E-13 | 2272 | 6.49E-14 | 2374 | 1.12E-13 | 2476 | 1.21E-13 | 2578 | 1.73E-13 | 2680 | 3.93E-13 | 2782 | 3.31E-13 | 2884 | 5.05E-13 | 2986 | 7.04E-13 | 3088 | 1.03E-12 | 3190 | 1.11E-12 |
| 2070 | -5.48E-14 | 2172 | 1.04E-13 | 2274 | 1.89E-13 | 2376 | 1.62E-13 | 2478 | 1.64E-13 | 2580 | 1.92E-13 | 2682 | 3.90E-13 | 2784 | 3.13E-13 | 2886 | 5.72E-13 | 2988 | 7.50E-13 | 3090 | 9.86E-13 | 3192 | 1.09E-12 |
| 2072 | -3.70E-14 | 2174 | 1.33E-13 | 2276 | 1.96E-13 | 2378 | 1.03E-13 | 2480 | 1.06E-13 | 2582 | 1.81E-13 | 2684 | 3.86E-13 | 2786 | 2.86E-13 | 2888 | 6.58E-13 | 2990 | 8.10E-13 | 3092 | 9.08E-13 | 3194 | 1.11E-12 |
| 2074 | 1.41E-13 | 2176 | 9.62E-14 | 2278 | 7.11E-14 | 2380 | 7.22E-14 | 2482 | 6.33E-14 | 2584 | 2.11E-13 | 2686 | 4.11E-13 | 2788 | 2.79E-13 | 2890 | 6.78E-13 | 2992 | 8.72E-13 | 3094 | 8.93E-13 | 3196 | 1.21E-12 |
| 2076 | 3.08E-13 | 2178 | 8.40E-14 | 2280 | 1.35E-13 | 2382 | 3.81E-14 | 2484 | 1.00E-13 | 2586 | 2.09E-13 | 2688 | 4.33E-13 | 2790 | 2.65E-13 | 2892 | 6.91E-13 | 2994 | 8.68E-13 | 3096 | 8.95E-13 | 3198 | 1.27E-12 |


HD 28344 G2 V V=7.85 (B-V)=0.61 E(B-V)=-0.02
LAP: LWP 10006
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

HD 30455 G2 V V=6.97 (B-V)=0.62 E(B-V)=-0.01

LAP: LWP 10005

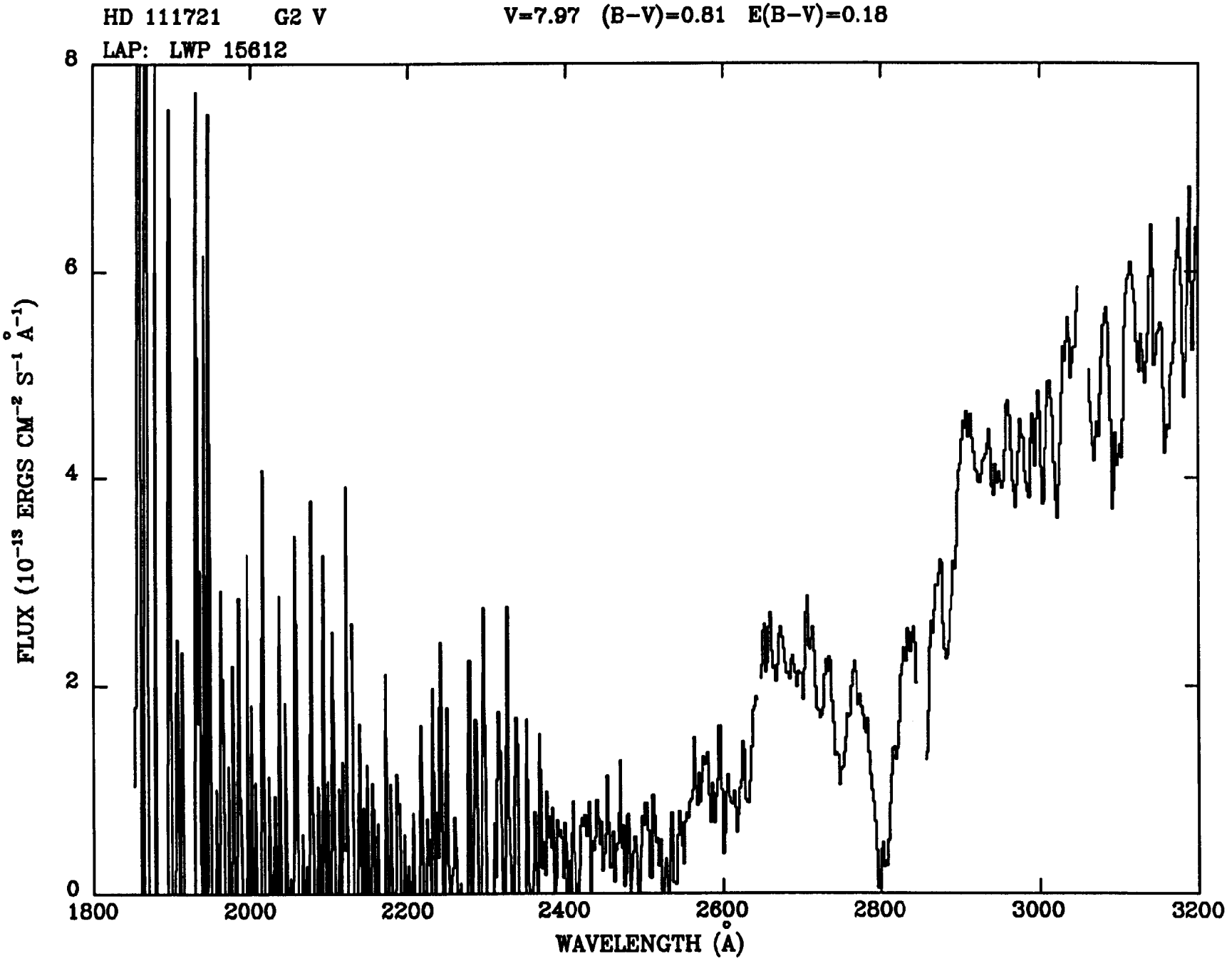
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.03E-13 | 2078 | -3.54E-14 | 2180 | 1.73E-13 | 2282 | 4.46E-13 | 2384 | 9.79E-14 | 2486 | 2.62E-13 | 2588 | 4.90E-13 | 2690 | 1.14E-12 | 2792 | 3.59E-13 | 2894 | 1.61E-12 | 2996 | 1.91E-12 | 3098 | 1.79E-12 |
| 1978 | 1.27E-13 | 2080 | -2.34E-13 | 2182 | 3.04E-13 | 2284 | 3.20E-13 | 2386 | 1.62E-13 | 2488 | 2.37E-13 | 2590 | 6.02E-13 | 2692 | 1.10E-12 | 2794 | 3.00E-13 | 2896 | 1.75E-12 | 2998 | 1.94E-12 | 3100 | 1.81E-12 |
| 1980 | 5.01E-13 | 2082 | -3.38E-13 | 2184 | 3.65E-13 | 2286 | 2.04E-13 | 2388 | 3.13E-13 | 2490 | 1.50E-13 | 2592 | 6.56E-13 | 2694 | 1.09E-12 | 2796 | 2.42E-13 | 2898 | 1.93E-12 | 3000 | 1.83E-12 | 3102 | 1.94E-12 |
| 1982 | 8.40E-13 | 2084 | -6.90E-13 | 2186 | 3.74E-13 | 2288 | 1.41E-13 | 2390 | 2.23E-13 | 2492 | 1.43E-13 | 2594 | 6.23E-13 | 2696 | 1.12E-12 | 2798 | 2.16E-13 | 2900 | 2.04E-12 | 3002 | 1.67E-12 | 3104 | 2.17E-12 |
| 1984 | 2.71E-13 | 2086 | -6.09E-13 | 2188 | 4.19E-13 | 2290 | 3.38E-13 | 2392 | 2.36E-13 | 2494 | 1.15E-13 | 2596 | 5.35E-13 | 2698 | 1.07E-12 | 2800 | 2.24E-13 | 2902 | 2.13E-12 | 3004 | 1.67E-12 | 3106 | 2.38E-12 |
| 1986 | 9.99E-15 | 2088 | -6.65E-14 | 2190 | 5.32E-14 | 2292 | 2.57E-13 | 2394 | 2.73E-13 | 2496 | 2.07E-13 | 2598 | 4.64E-13 | 2700 | 1.10E-12 | 2802 | 1.98E-13 | 2904 | 2.22E-12 | 3006 | 1.71E-12 | 3108 | 2.58E-12 |
| 1988 | -9.34E-14 | 2090 | 1.90E-13 | 2192 | -1.62E-13 | 2294 | 5.45E-13 | 2396 | 2.49E-13 | 2498 | 3.68E-13 | 2600 | 3.73E-13 | 2702 | 1.16E-12 | 2804 | 2.21E-13 | 2906 | 2.14E-12 | 3008 | 1.74E-12 | 3110 | 2.75E-12 |
| 1990 | 2.83E-13 | 2092 | 7.19E-13 | 2194 | 3.67E-14 | 2296 | 7.64E-13 | 2398 | 1.80E-13 | 2500 | 3.18E-13 | 2602 | 3.16E-13 | 2704 | 1.23E-12 | 2806 | 2.66E-13 | 2908 | 2.11E-12 | 3010 | 1.87E-12 | 3112 | 2.78E-12 |
| 1992 | 5.13E-13 | 2094 | 5.77E-14 | 2196 | 8.46E-14 | 2298 | 2.29E-13 | 2400 | 2.85E-13 | 2502 | 3.50E-13 | 2604 | 3.59E-13 | 2706 | 1.24E-12 | 2808 | 3.03E-13 | 2910 | 2.08E-12 | 3012 | 2.01E-12 | 3114 | 2.78E-12 |
| 1994 | 6.51E-13 | 2096 | -7.40E-13 | 2198 | 4.05E-14 | 2300 | -1.67E-15 | 2402 | 2.58E-13 | 2504 | 3.25E-13 | 2606 | 4.21E-13 | 2708 | 1.17E-12 | 2810 | 3.94E-13 | 2912 | 2.05E-12 | 3014 | 2.03E-12 | 3116 | 2.69E-12 |
| 1996 | 5.83E-13 | 2098 | -3.47E-13 | 2200 | 1.97E-13 | 2302 | 2.56E-13 | 2404 | 2.45E-13 | 2506 | 1.82E-13 | 2608 | 4.14E-13 | 2710 | 1.13E-12 | 2812 | 4.78E-13 | 2914 | 2.06E-12 | 3016 | 1.92E-12 | 3118 | 2.54E-12 |
| 1998 | -5.89E-14 | 2100 | -2.09E-15 | 2202 | 3.94E-13 | 2304 | 3.11E-13 | 2406 | 2.13E-13 | 2508 | 2.09E-13 | 2610 | 3.93E-13 | 2712 | 1.11E-12 | 2814 | 5.48E-13 | 2916 | 2.05E-12 | 3018 | 1.76E-12 | 3120 | 2.44E-12 |
| 2000 | -9.13E-14 | 2102 | 5.33E-13 | 2204 | 4.77E-13 | 2306 | 4.29E-14 | 2408 | 2.29E-13 | 2510 | 3.14E-13 | 2612 | 3.76E-13 | 2714 | 1.08E-12 | 2816 | 6.78E-13 | 2918 | 2.00E-12 | 3020 | 1.69E-12 | 3122 | 2.35E-12 |
| 2002 | -6.84E-14 | 2104 | 2.82E-13 | 2206 | 4.61E-13 | 2308 | 2.92E-13 | 2410 | 2.15E-13 | 2512 | 2.72E-13 | 2614 | 3.56E-13 | 2716 | 1.03E-12 | 2818 | 7.69E-13 | 2920 | 1.97E-12 | 3022 | 1.77E-12 | 3124 | 2.23E-12 |
| 2004 | -2.21E-14 | 2106 | -1.63E-13 | 2208 | 1.64E-13 | 2310 | 5.53E-13 | 2412 | 1.29E-13 | 2514 | 1.97E-13 | 2616 | 3.64E-13 | 2718 | 9.92E-13 | 2820 | 8.71E-13 | 2922 | 2.00E-12 | 3024 | 2.01E-12 | 3126 | 2.32E-12 |
| 2006 | 3.45E-14 | 2108 | -4.23E-13 | 2210 | 2.07E-14 | 2312 | 2.66E-13 | 2414 | 7.75E-14 | 2516 | 2.03E-13 | 2618 | 4.17E-13 | 2720 | 9.26E-13 | 2822 | 9.80E-13 | 2924 | 1.94E-12 | 3026 | 2.26E-12 | 3128 | 2.43E-12 |
| 2008 | -6.56E-13 | 2110 | -9.05E-14 | 2212 | -8.23E-14 | 2314 | 9.51E-14 | 2416 | 1.99E-13 | 2518 | 1.61E-13 | 2620 | 4.86E-13 | 2722 | 8.63E-13 | 2824 | 1.05E-12 | 2926 | 1.87E-12 | 3028 | 2.34E-12 | 3130 | 2.44E-12 |
| 2010 | -1.40E-13 | 2112 | 2.87E-13 | 2214 | 2.54E-13 | 2316 | 1.90E-13 | 2418 | 2.64E-13 | 2520 | 1.30E-13 | 2622 | 5.27E-13 | 2724 | 8.26E-13 | 2826 | 1.11E-12 | 2928 | 1.88E-12 | 3030 | 2.47E-12 | 3132 | 2.42E-12 |
| 2012 | 7.12E-15 | 2114 | 1.16E-13 | 2216 | 3.21E-13 | 2318 | 2.70E-13 | 2420 | 2.41E-13 | 2522 | 1.21E-13 | 2624 | 5.35E-13 | 2726 | 8.33E-13 | 2828 | 1.18E-12 | 2930 | 1.98E-12 | 3032 | 2.56E-12 | 3134 | 2.46E-12 |
| 2014 | 8.41E-13 | 2116 | 5.67E-13 | 2218 | 2.45E-13 | 2320 | 1.39E-13 | 2422 | 3.10E-13 | 2524 | 9.76E-14 | 2626 | 5.22E-13 | 2728 | 8.88E-13 | 2830 | 1.18E-12 | 2932 | 2.11E-12 | 3034 | 2.56E-12 | 3136 | 2.55E-12 |
| 2016 | 8.53E-13 | 2118 | 5.14E-13 | 2220 | 1.36E-13 | 2322 | 4.21E-13 | 2424 | 3.32E-13 | 2526 | 1.56E-13 | 2628 | 4.90E-13 | 2730 | 1.01E-12 | 2832 | 1.18E-12 | 2934 | 2.13E-12 | 3036 | 2.55E-12 | 3138 | 2.62E-12 |
| 2018 | -2.39E-13 | 2120 | 3.48E-13 | 2222 | 2.30E-13 | 2324 | 4.05E-13 | 2426 | 3.71E-13 | 2528 | 1.54E-13 | 2630 | 4.96E-13 | 2732 | 1.06E-12 | 2834 | 1.25E-12 | 2936 | 1.96E-12 | 3038 | 2.47E-12 | 3140 | 2.64E-12 |
| 2020 | -4.37E-13 | 2122 | | 2224 | 2.63E-13 | 2326 | 4.64E-13 | 2428 | 4.59E-13 | 2530 | 1.24E-13 | 2632 | 4.56E-13 | 2734 | 1.03E-12 | 2836 | 1.27E-12 | 2938 | 1.86E-12 | 3040 | 2.31E-12 | 3142 | 2.53E-12 |
| 2022 | 2.04E-13 | 2124 | | 2226 | 2.73E-13 | 2328 | 4.38E-13 | 2430 | 3.88E-13 | 2532 | 1.88E-13 | 2634 | 5.45E-13 | 2736 | 9.40E-13 | 2838 | 1.29E-12 | 2940 | 1.80E-12 | 3042 | 2.28E-12 | 3144 | 2.31E-12 |
| 2024 | 2.84E-13 | 2126 | | 2228 | 4.16E-13 | 2330 | 3.12E-13 | 2432 | 3.52E-13 | 2534 | 2.41E-13 | 2636 | 7.54E-13 | 2738 | 8.24E-13 | 2840 | 1.31E-12 | 2942 | 1.82E-12 | 3044 | 2.33E-12 | 3146 | 2.23E-12 |
| 2026 | -5.37E-14 | 2128 | | 2230 | 4.21E-13 | 2332 | 3.68E-13 | 2434 | 2.75E-13 | 2536 | 1.35E-13 | 2638 | 1.05E-12 | 2740 | 6.86E-13 | 2842 | 1.25E-12 | 2944 | 1.94E-12 | 3046 | 2.44E-12 | 3148 | 2.34E-12 |
| 2028 | -2.44E-13 | 2130 | 1.01E-13 | 2232 | 1.85E-13 | 2334 | 4.01E-13 | 2436 | 1.94E-13 | 2538 | 1.49E-13 | 2640 | 1.14E-12 | 2742 | 6.06E-13 | 2844 | 1.16E-12 | 2946 | 1.96E-12 | 3048 | 2.57E-12 | 3150 | 2.43E-12 |
| 2030 | 1.99E-13 | 2132 | -3.84E-14 | 2234 | -2.78E-14 | 2336 | 4.37E-13 | 2438 | 3.92E-13 | 2540 | 2.06E-13 | 2642 | 1.13E-12 | 2744 | 5.77E-13 | 2846 | | 2948 | 1.94E-12 | 3050 | 2.63E-12 | 3152 | 2.47E-12 |
| 2032 | -4.69E-13 | 2134 | -2.73E-13 | 2236 | 6.17E-14 | 2338 | 2.34E-13 | 2440 | 3.91E-13 | 2542 | 2.27E-13 | 2644 | 1.28E-12 | 2746 | 5.81E-13 | 2848 | | 2950 | 1.98E-12 | 3052 | | 3154 | 2.27E-12 |
| 2034 | -3.35E-13 | 2136 | -2.34E-13 | 2238 | 3.14E-13 | 2340 | 1.53E-13 | 2442 | 2.68E-13 | 2544 | 1.76E-13 | 2646 | 1.35E-12 | 2748 | 5.69E-13 | 2850 | | 2952 | 1.96E-12 | 3054 | | 3156 | 2.03E-12 |
| 2036 | 1.83E-13 | 2138 | -9.38E-14 | 2240 | 5.14E-13 | 2342 | 1.44E-13 | 2444 | 3.00E-13 | 2546 | 1.47E-13 | 2648 | 1.20E-12 | 2750 | 5.88E-13 | 2852 | | 2954 | 2.04E-12 | 3056 | | 3158 | 1.93E-12 |
| 2038 | 7.50E-14 | 2140 | -9.01E-14 | 2242 | 5.71E-13 | 2344 | 1.78E-13 | 2446 | 3.29E-13 | 2548 | 1.84E-13 | 2650 | 1.17E-12 | 2752 | 6.41E-13 | 2854 | | 2956 | 2.13E-12 | 3058 | | 3160 | 1.92E-12 |
| 2040 | -3.31E-13 | 2142 | 6.90E-14 | 2244 | 2.67E-13 | 2346 | 2.02E-13 | 2448 | 2.77E-13 | 2550 | 2.15E-13 | 2652 | 1.17E-12 | 2754 | 7.10E-13 | 2856 | 5.24E-13 | 2958 | 2.16E-12 | 3060 | | 3162 | 2.05E-12 |
| 2042 | -2.57E-14 | 2144 | 1.69E-13 | 2246 | 3.89E-13 | 2348 | -3.30E-15 | 2450 | 2.53E-13 | 2552 | 2.58E-13 | 2654 | 1.17E-12 | 2756 | 7.49E-13 | 2858 | 6.57E-13 | 2960 | 2.12E-12 | 3062 | 2.12E-12 | 3164 | 2.26E-12 |
| 2044 | -6.53E-15 | 2146 | 3.87E-13 | 2248 | 6.52E-13 | 2350 | 1.18E-13 | 2452 | 2.89E-13 | 2554 | 3.31E-13 | 2656 | 1.21E-12 | 2758 | 7.78E-13 | 2860 | 8.77E-13 | 2962 | 2.13E-12 | 3064 | 2.05E-12 | 3166 | 2.39E-12 |
| 2046 | -4.84E-13 | 2148 | 5.23E-13 | 2250 | 4.82E-13 | 2352 | 1.37E-13 | 2454 | 2.42E-13 | 2556 | 3.87E-13 | 2658 | 1.28E-12 | 2760 | 8.09E-13 | 2862 | 1.03E-12 | 2964 | 2.09E-12 | 3066 | 2.00E-12 | 3168 | 2.44E-12 |
| 2048 | -5.16E-13 | 2150 | 2.03E-13 | 2252 | 2.54E-13 | 2354 | 2.45E-13 | 2456 | 1.82E-13 | 2558 | 4.37E-13 | 2660 | 1.29E-12 | 2762 | 8.78E-13 | 2864 | 1.13E-12 | 2966 | 1.93E-12 | 3068 | 2.03E-12 | 3170 | 2.55E-12 |
| 2050 | -4.40E-13 | 2152 | -3.14E-14 | 2254 | 3.93E-13 | 2356 | 1.85E-13 | 2458 | 2.27E-13 | 2560 | 4.05E-13 | 2662 | 1.21E-12 | 2764 | 9.80E-13 | 2866 | 1.22E-12 | 2968 | 1.78E-12 | 3070 | 2.10E-12 | 3172 | 2.59E-12 |
| 2052 | -3.40E-14 | 2154 | 4.29E-13 | 2256 | 3.98E-13 | 2358 | 3.41E-13 | 2460 | 1.95E-13 | 2562 | 3.98E-13 | 2664 | 1.21E-12 | 2766 | 1.03E-12 | 2868 | 1.35E-12 | 2970 | 1.74E-12 | 3072 | 2.22E-12 | 3174 | 2.57E-12 |
| 2054 | 4.13E-13 | 2156 | 3.01E-13 | 2258 | 4.08E-13 | 2360 | 3.33E-13 | 2462 | 1.53E-13 | 2564 | 4.31E-13 | 2666 | 1.08E-12 | 2768 | 1.03E-12 | 2870 | 1.42E-12 | 2972 | 1.79E-12 | 3074 | 2.29E-12 | 3176 | 2.44E-12 |
| 2056 | 4.68E-13 | 2158 | 1.51E-13 | 2260 | 2.13E-13 | 2362 | 2.78E-13 | 2464 | 1.84E-13 | 2566 | 4.52E-13 | 2668 | 1.02E-12 | 2770 | 9.78E-13 | 2872 | 1.44E-12 | 2974 | 1.93E-12 | 3076 | 2.37E-12 | 3178 | 2.22E-12 |
| 2058 | 4.78E-13 | 2160 | 4.24E-13 | 2262 | 1.71E-13 | 2364 | 8.73E-14 | 2466 | 2.51E-13 | 2568 | 5.05E-13 | 2670 | 1.07E-12 | 2772 | 9.22E-13 | 2874 | 1.46E-12 | 2976 | 2.13E-12 | 3078 | 2.44E-12 | 3180 | 2.10E-12 |
| 2060 | 3.28E-14 | 2162 | 2.65E-13 | 2264 | 2.23E-13 | 2366 | 8.90E-14 | 2468 | 2.30E-13 | 2570 | 5.49E-13 | 2672 | 1.11E-12 | 2774 | 9.33E-13 | 2876 | 1.44E-12 | 2978 | 2.22E-12 | 3080 | 2.48E-12 | 3182 | 2.20E-12 |
| 2062 | -4.08E-13 | 2164 | 1.45E-13 | 2266 | 2.58E-13 | 2368 | 2.26E-13 | 2470 | 2.47E-13 | 2572 | 6.06E-13 | 2674 | 1.11E-12 | 2776 | 9.38E-13 | 2878 | 1.27E-12 | 2980 | 2.10E-12 | 3082 | 2.45E-12 | 3184 | 2.30E-12 |
| 2064 | -2.78E-13 | 2166 | 1.86E-13 | 2268 | 1.42E-13 | 2370 | 3.11E-13 | 2472 | 2.58E-13 | 2574 | 6.25E-13 | 2676 | 1.10E-12 | 2778 | 8.47E-13 | 2880 | 1.10E-12 | 2982 | 1.88E-12 | 3084 | 2.43E-12 | 3186 | 2.30E-12 |
| 2066 | -8.37E-14 | 2168 | 7.45E-14 | 2270 | 1.06E-14 | 2372 | 2.47E-13 | 2474 | 2.45E-13 | 2576 | 5.40E-13 | 2678 | 1.12E-12 | 2780 | 7.73E-13 | 2882 | 1.05E-12 | 2984 | 1.69E-12 | 3086 | 2.35E-12 | 3188 | 2.35E-12 |
| 2068 | -4.41E-13 | 2170 | 3.22E-13 | 2272 | 8.02E-14 | 2374 | 2.40E-13 | 2476 | 2.44E-13 | 2578 | 4.89E-13 | 2680 | 1.11E-12 | 2782 | 6.64E-13 | 2884 | 1.06E-12 | 2986 | 1.66E-12 | 3088 | 2.16E-12 | 3190 | 2.34E-12 |
| 2070 | -2.51E-13 | 2172 | 2.56E-13 | 2274 | 3.30E-13 | 2376 | 3.34E-13 | 2478 | 3.02E-13 | 2580 | 5.74E-13 | 2682 | 1.12E-12 | 2784 | 5.99E-13 | 2886 | 1.22E-12 | 2988 | 1.81E-12 | 3090 | 2.04E-12 | 3192 | 2.29E-12 |
| 2072 | -3.46E-13 | 2174 | 1.61E-13 | 2276 | 4.07E-13 | 2378 | 2.08E-13 | 2480 | 1.77E-13 | 2582 | 6.14E-13 | 2684 | 1.13E-12 | 2786 | 5.55E-13 | 2888 | 1.43E-12 | 2990 | 1.95E-12 | 3092 | 1.90E-12 | 3194 | 2.30E-12 |
| 2074 | -1.23E-13 | 2176 | 1.05E-13 | 2278 | 2.24E-13 | 2380 | 1.11E-13 | 2482 | 1.11E-13 | 2584 | 6.78E-13 | 2686 | 1.19E-12 | 2788 | 5.19E-13 | 2890 | 1.55E-12 | 2992 | 2.00E-12 | 3094 | 1.82E-12 | 3196 | 2.42E-12 |
| 2076 | 2.61E-13 | 2178 | -2.69E-15 | 2280 | 3.44E-13 | 2382 | -2.18E-15 | 2484 | 1.85E-13 | 2586 | 5.54E-13 | 2688 | 1.20E-12 | 2790 | 4.32E-13 | 2892 | 1.63E-12 | 2994 | 1.94E-12 | 3096 | 1.82E-12 | 3198 | 2.57E-12 |


HD 30455 G2 V V=6.97 (B-V)=0.62 E(B-V)=-0.01
LAP: LWP 10005
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 111721 G2 V V=7.97 (B-V)=0.81 E(B-V)=0.18**

**LAP: LWP 15612**

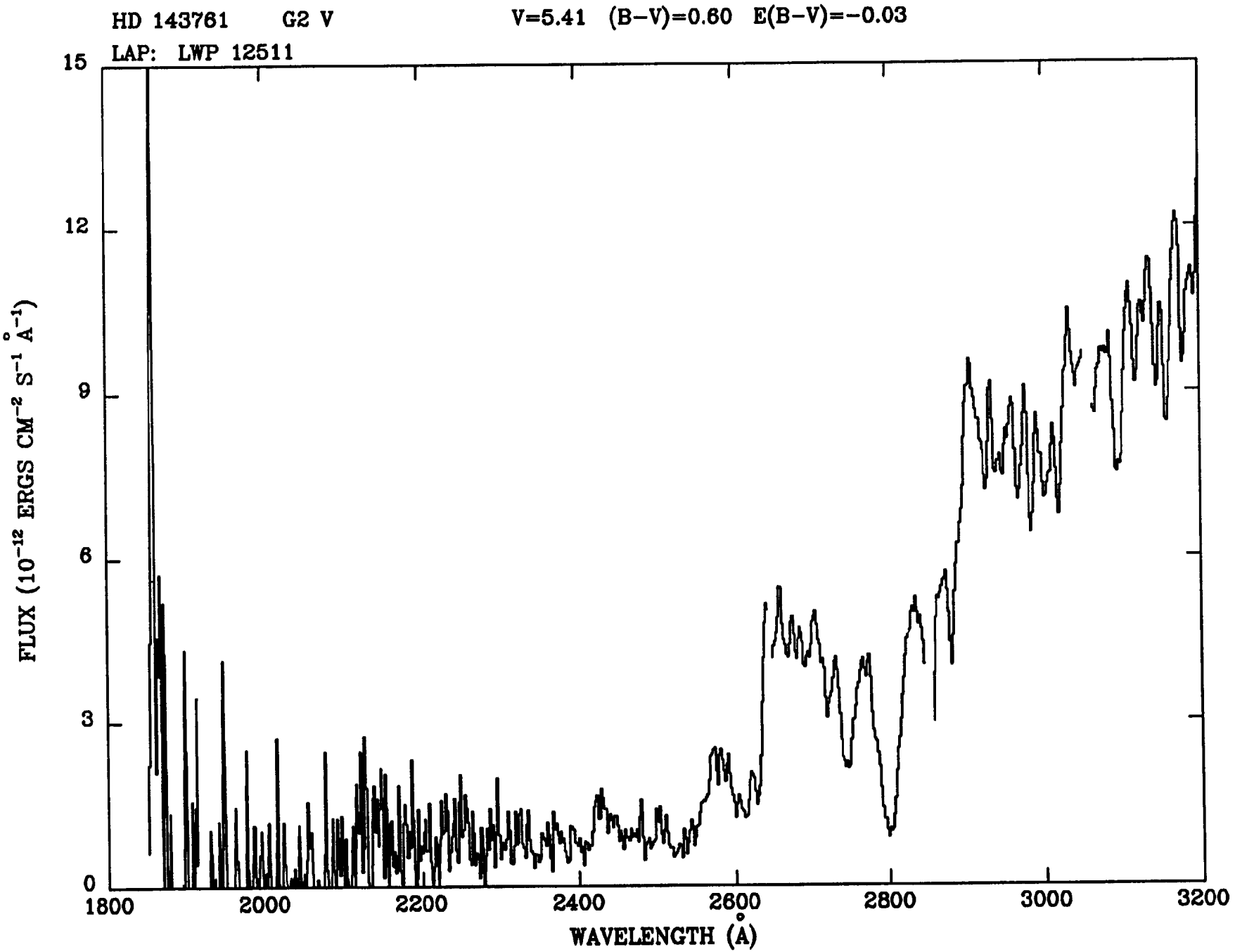
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.44E-13 | 2078 | 2.28E-13 | 2180 | -2.06E-14 | 2282 | 4.72E-14 | 2384 | 6.17E-14 | 2486 | 3.67E-14 | 2588 | 8.71E-14 | 2690 | 2.21E-13 | 2792 | 8.01E-14 | 2894 | 3.14E-13 | 2996 | 4.36E-13 | 3098 | 4.13E-13 |
| 1978 | 5.71E-14 | 2080 | -1.68E-14 | 2182 | -9.29E-14 | 2284 | 1.46E-13 | 2386 | -1.30E-14 | 2488 | 5.19E-14 | 2590 | 7.85E-14 | 2692 | 2.13E-13 | 2794 | 5.58E-14 | 2896 | 3.36E-13 | 2998 | 4.74E-13 | 3100 | 4.25E-13 |
| 1980 | -2.04E-13 | 2082 | -8.67E-14 | 2184 | 3.10E-14 | 2286 | 1.66E-13 | 2388 | 3.45E-14 | 2490 | 4.84E-14 | 2592 | 1.01E-13 | 2694 | 2.00E-13 | 2796 | 2.14E-14 | 2898 | 3.90E-13 | 3000 | 4.70E-13 | 3102 | 4.28E-13 |
| 1982 | 6.54E-14 | 2084 | 4.76E-14 | 2186 | 1.04E-13 | 2288 | 1.12E-14 | 2390 | 6.49E-14 | 2492 | -1.83E-14 | 2594 | 1.38E-13 | 2696 | 2.14E-13 | 2798 | 5.14E-15 | 2900 | 4.08E-13 | 3002 | 4.24E-13 | 3104 | 4.32E-13 |
| 1984 | 2.64E-13 | 2086 | 9.85E-14 | 2188 | 8.14E-14 | 2290 | -8.53E-14 | 2392 | 5.85E-14 | 2494 | -9.15E-15 | 2596 | 1.61E-13 | 2698 | 2.12E-13 | 2800 | 3.16E-14 | 2902 | 4.20E-13 | 3004 | 3.80E-13 | 3106 | 4.96E-13 |
| 1986 | 1.02E-13 | 2088 | -1.32E-13 | 2190 | -4.89E-14 | 2292 | -3.46E-14 | 2394 | 5.74E-14 | 2496 | 5.04E-14 | 2598 | 1.22E-13 | 2700 | 2.06E-13 | 2802 | 4.78E-14 | 2904 | 4.43E-13 | 3006 | 3.77E-13 | 3108 | 5.62E-13 |
| 1988 | -3.11E-15 | 2090 | -9.73E-14 | 2192 | -1.64E-13 | 2294 | 2.16E-13 | 2396 | 3.05E-14 | 2498 | 7.27E-14 | 2600 | 5.39E-14 | 2702 | 1.96E-13 | 2804 | 2.92E-14 | 2906 | 4.51E-13 | 3008 | 4.28E-13 | 3110 | 5.86E-13 |
| 1990 | -6.89E-15 | 2092 | 2.95E-13 | 2194 | -1.95E-14 | 2296 | 2.58E-13 | 2398 | 4.93E-14 | 2500 | 7.13E-14 | 2602 | 5.46E-14 | 2704 | 2.35E-13 | 2806 | 3.05E-14 | 2908 | 4.59E-13 | 3010 | 4.71E-13 | 3112 | 5.95E-13 |
| 1992 | -2.12E-14 | 2094 | 9.55E-14 | 2196 | -6.75E-14 | 2298 | 1.20E-13 | 2400 | 5.35E-14 | 2502 | 8.72E-14 | 2604 | 9.21E-14 | 2706 | 2.77E-13 | 2808 | 2.81E-14 | 2910 | 4.55E-13 | 3012 | 4.93E-13 | 3114 | 6.05E-13 |
| 1994 | 9.34E-14 | 2096 | -1.19E-13 | 2198 | -2.75E-14 | 2300 | -5.25E-14 | 2402 | 1.63E-15 | 2504 | 7.67E-14 | 2606 | 1.13E-13 | 2708 | 2.62E-13 | 2810 | 5.50E-14 | 2912 | 4.41E-13 | 3014 | 4.89E-13 | 3116 | 5.99E-13 |
| 1996 | 1.62E-13 | 2098 | 7.20E-14 | 2200 | 2.48E-14 | 2302 | -4.85E-14 | 2404 | 2.53E-14 | 2506 | 4.06E-14 | 2608 | 9.26E-14 | 2710 | 2.36E-13 | 2812 | 9.08E-14 | 2914 | 4.55E-13 | 3016 | 4.71E-13 | 3118 | 5.85E-13 |
| 1998 | -1.58E-13 | 2100 | -2.70E-14 | 2202 | -1.25E-13 | 2304 | -5.82E-14 | 2406 | 2.28E-15 | 2508 | 1.56E-14 | 2610 | 8.74E-14 | 2712 | 2.42E-13 | 2814 | 1.21E-13 | 2916 | 4.44E-13 | 3018 | 4.43E-13 | 3120 | 5.72E-13 |
| 2000 | 9.25E-14 | 2102 | 8.72E-14 | 2204 | -2.67E-14 | 2306 | -1.04E-13 | 2408 | 5.95E-14 | 2510 | 6.30E-14 | 2612 | 8.83E-14 | 2714 | 2.53E-13 | 2816 | 1.41E-13 | 2918 | 4.27E-13 | 3020 | 4.00E-13 | 3122 | 5.34E-13 |
| 2002 | -1.08E-14 | 2104 | 2.23E-13 | 2206 | 7.36E-14 | 2308 | -1.79E-14 | 2410 | 8.11E-14 | 2512 | 8.18E-14 | 2614 | 9.48E-14 | 2716 | 2.39E-13 | 2818 | 1.37E-13 | 2920 | 4.09E-13 | 3022 | 3.71E-13 | 3124 | 5.11E-13 |
| 2004 | 6.42E-15 | 2106 | 5.66E-14 | 2208 | -8.80E-14 | 2310 | 3.67E-14 | 2412 | 2.17E-14 | 2514 | 5.57E-14 | 2616 | 7.57E-14 | 2718 | 2.04E-13 | 2820 | 1.34E-13 | 2922 | 4.05E-13 | 3024 | 3.78E-13 | 3126 | 5.08E-13 |
| 2006 | 9.23E-14 | 2108 | -1.50E-13 | 2210 | -6.00E-14 | 2312 | 7.73E-14 | 2414 | -5.07E-14 | 2516 | 5.24E-14 | 2618 | 6.53E-14 | 2720 | 1.81E-13 | 2822 | 1.53E-13 | 2924 | 3.96E-13 | 3026 | 4.17E-13 | 3128 | 5.36E-13 |
| 2008 | -9.63E-14 | 2110 | -5.60E-14 | 2212 | -9.28E-14 | 2314 | 1.59E-13 | 2416 | -2.44E-14 | 2518 | 3.08E-14 | 2620 | 8.75E-14 | 2722 | 1.77E-13 | 2824 | 1.90E-13 | 2926 | 3.96E-13 | 3028 | 4.65E-13 | 3130 | 5.18E-13 |
| 2010 | -1.12E-13 | 2112 | 7.96E-14 | 2214 | 2.62E-14 | 2316 | 1.45E-13 | 2418 | 3.99E-14 | 2520 | 4.97E-14 | 2622 | 1.05E-13 | 2724 | 1.70E-13 | 2826 | 2.17E-13 | 2928 | 4.06E-13 | 3030 | 5.15E-13 | 3132 | 4.99E-13 |
| 2012 | 1.21E-14 | 2114 | -5.06E-14 | 2216 | 1.50E-13 | 2318 | 9.39E-14 | 2420 | 6.85E-14 | 2522 | 4.70E-15 | 2624 | 1.30E-13 | 2726 | 1.73E-13 | 2828 | 2.32E-13 | 2930 | 4.17E-13 | 3032 | 5.15E-13 | 3134 | 5.00E-13 |
| 2014 | 2.95E-13 | 2116 | 8.11E-14 | 2218 | 4.70E-14 | 2320 | -8.88E-14 | 2422 | 6.86E-14 | 2524 | -3.51E-15 | 2626 | 1.41E-13 | 2728 | 1.87E-13 | 2830 | 2.36E-13 | 2932 | 4.20E-13 | 3034 | 5.29E-13 | 3136 | 5.24E-13 |
| 2016 | 2.15E-13 | 2118 | 6.04E-14 | 2220 | -8.91E-14 | 2322 | -6.26E-14 | 2424 | 7.14E-14 | 2526 | 3.06E-14 | 2628 | 1.05E-13 | 2730 | 2.15E-13 | 2832 | 2.26E-13 | 2934 | 4.26E-13 | 3036 | 5.54E-13 | 3138 | 5.70E-13 |
| 2018 | -1.09E-13 | 2120 | 4.27E-14 | 2222 | -9.09E-15 | 2324 | 1.63E-13 | 2426 | 6.26E-14 | 2528 | 2.51E-14 | 2630 | 8.87E-14 | 2732 | 2.21E-13 | 2834 | 2.52E-13 | 2936 | 4.39E-13 | 3038 | 5.33E-13 | 3140 | 6.25E-13 |
| 2020 | -1.19E-13 | 2122 | 3.69E-13 | 2224 | 4.58E-14 | 2326 | 2.35E-13 | 2428 | 6.87E-14 | 2530 | -8.67E-16 | 2632 | 8.78E-14 | 2734 | 2.20E-13 | 2836 | 2.51E-13 | 2938 | 4.36E-13 | 3040 | 4.99E-13 | 3142 | 6.17E-13 |
| 2022 | -1.44E-14 | 2124 | -6.20E-14 | 2226 | 4.41E-14 | 2328 | 6.40E-14 | 2430 | 8.46E-14 | 2532 | 2.10E-14 | 2634 | 1.07E-13 | 2736 | 2.26E-13 | 2838 | 2.34E-13 | 2940 | 4.06E-13 | 3042 | 5.14E-13 | 3144 | 5.33E-13 |
| 2024 | 2.70E-14 | 2126 | | 2228 | 8.03E-15 | 2330 | 9.89E-15 | 2432 | 1.51E-14 | 2534 | 6.99E-14 | 2636 | 1.41E-13 | 2738 | 2.03E-13 | 2840 | 2.52E-13 | 2942 | 3.86E-13 | 3044 | 5.26E-13 | 3146 | 5.17E-13 |
| 2026 | -5.63E-14 | 2128 | 2.35E-13 | 2230 | 1.57E-13 | 2332 | -4.32E-14 | 2434 | 4.56E-14 | 2536 | 4.43E-14 | 2638 | 1.77E-13 | 2740 | 1.72E-13 | 2842 | 2.54E-13 | 2944 | 4.05E-13 | 3046 | 5.39E-13 | 3148 | 5.37E-13 |
| 2028 | 1.71E-14 | 2130 | 1.33E-13 | 2232 | 1.29E-13 | 2334 | 2.58E-14 | 2436 | 4.29E-14 | 2538 | 1.08E-14 | 2640 | 1.82E-13 | 2742 | 1.43E-13 | 2844 | 2.32E-13 | 2946 | 4.05E-13 | 3048 | 5.70E-13 | 3150 | 5.43E-13 |
| 2030 | 8.48E-14 | 2132 | -7.74E-14 | 2234 | 6.63E-15 | 2336 | 1.44E-13 | 2438 | 5.77E-14 | 2540 | 9.37E-15 | 2642 | 1.89E-13 | 2744 | 1.35E-13 | 2846 | 2.03E-13 | 2948 | 3.96E-13 | 3050 | 5.84E-13 | 3152 | 5.50E-13 |
| 2032 | -1.19E-13 | 2134 | -5.79E-14 | 2236 | 7.65E-14 | 2338 | 1.54E-13 | 2440 | 8.71E-14 | 2542 | 4.18E-14 | 2644 | 1.87E-13 | 2746 | 1.34E-13 | 2848 | | 2950 | 4.05E-13 | 3052 | | 3154 | 5.36E-13 |
| 2034 | -2.28E-14 | 2136 | 1.82E-14 | 2238 | 5.69E-14 | 2340 | 5.14E-14 | 2442 | 6.57E-14 | 2544 | 7.34E-14 | 2646 | 2.07E-13 | 2748 | 1.09E-13 | 2850 | | 2952 | 3.96E-13 | 3054 | | 3156 | 4.74E-13 |
| 2036 | 2.71E-13 | 2138 | 1.37E-13 | 2240 | 1.92E-13 | 2342 | -3.33E-14 | 2444 | 5.39E-14 | 2546 | 7.02E-14 | 2648 | 2.13E-13 | 2750 | 1.19E-13 | 2852 | | 2954 | 3.91E-13 | 3056 | | 3158 | 4.28E-13 |
| 2038 | -6.05E-14 | 2140 | -2.69E-15 | 2242 | 1.66E-13 | 2344 | -4.11E-14 | 2446 | 5.27E-14 | 2548 | 4.82E-14 | 2650 | 2.36E-13 | 2752 | 1.23E-13 | 2854 | | 2956 | 4.02E-13 | 3058 | | 3160 | 4.42E-13 |
| 2040 | -2.32E-13 | 2142 | 3.94E-14 | 2244 | -6.95E-14 | 2346 | -2.54E-14 | 2448 | 2.95E-14 | 2550 | 3.17E-14 | 2652 | 2.56E-13 | 2754 | 1.38E-13 | 2856 | 1.29E-13 | 2958 | 4.33E-13 | 3060 | | 3162 | 4.50E-13 |
| 2042 | -8.16E-14 | 2144 | 2.86E-14 | 2246 | -1.88E-15 | 2348 | -2.59E-14 | 2450 | 4.80E-14 | 2552 | 7.03E-14 | 2654 | 2.32E-13 | 2756 | 1.55E-13 | 2858 | 1.35E-13 | 2960 | 4.72E-13 | 3062 | 5.04E-13 | 3164 | 4.71E-13 |
| 2044 | 1.08E-13 | 2146 | -2.74E-15 | 2248 | 1.46E-13 | 2350 | 1.55E-13 | 2452 | 8.83E-14 | 2554 | 7.71E-14 | 2656 | 2.19E-13 | 2758 | 1.72E-13 | 2860 | 1.68E-13 | 2962 | 4.69E-13 | 3064 | 4.74E-13 | 3166 | 5.05E-13 |
| 2046 | -3.19E-14 | 2148 | 1.18E-13 | 2250 | 1.03E-13 | 2352 | 9.98E-14 | 2454 | 8.39E-14 | 2556 | 7.67E-14 | 2658 | 2.48E-13 | 2760 | 1.71E-13 | 2862 | 2.28E-13 | 2964 | 4.45E-13 | 3066 | 4.52E-13 | 3168 | 5.22E-13 |
| 2048 | -9.84E-15 | 2150 | -3.02E-14 | 2252 | -4.59E-15 | 2354 | 3.68E-15 | 2456 | 3.78E-14 | 2558 | 8.90E-14 | 2660 | 2.67E-13 | 2762 | 1.83E-13 | 2864 | 2.60E-13 | 2966 | 4.10E-13 | 3068 | 4.30E-13 | 3170 | 5.77E-13 |
| 2050 | 1.43E-14 | 2152 | -3.70E-14 | 2254 | 8.41E-16 | 2356 | -2.91E-14 | 2458 | 2.69E-14 | 2560 | 9.40E-14 | 2662 | 2.39E-13 | 2764 | 2.06E-13 | 2866 | 2.51E-13 | 2968 | 3.89E-13 | 3070 | 4.20E-13 | 3172 | 6.15E-13 |
| 2052 | -1.70E-14 | 2154 | 1.01E-13 | 2256 | 2.32E-14 | 2358 | -1.18E-14 | 2460 | 5.46E-14 | 2562 | 1.23E-13 | 2664 | 2.18E-13 | 2766 | 2.20E-13 | 2868 | 2.76E-13 | 2970 | 3.77E-13 | 3072 | 4.43E-13 | 3174 | 6.44E-13 |
| 2054 | 2.09E-14 | 2156 | 6.20E-14 | 2258 | 6.15E-14 | 2360 | 4.70E-14 | 2462 | 1.62E-14 | 2564 | 1.27E-13 | 2666 | 2.18E-13 | 2768 | 2.18E-13 | 2870 | 2.97E-13 | 2972 | 3.87E-13 | 3074 | 4.50E-13 | 3176 | 6.19E-13 |
| 2056 | 2.71E-13 | 2158 | -5.79E-16 | 2260 | 4.97E-14 | 2362 | 5.66E-14 | 2464 | 4.07E-14 | 2566 | 9.33E-14 | 2668 | 2.07E-13 | 2770 | 1.93E-13 | 2872 | 2.99E-13 | 2974 | 4.18E-13 | 3076 | 4.54E-13 | 3178 | 5.90E-13 |
| 2058 | 2.77E-13 | 2160 | 1.90E-14 | 2262 | -2.56E-14 | 2364 | 4.32E-15 | 2466 | 5.13E-14 | 2568 | 1.04E-13 | 2670 | 2.26E-13 | 2772 | 1.87E-13 | 2874 | 3.12E-13 | 2976 | 4.48E-13 | 3078 | 4.97E-13 | 3180 | 5.22E-13 |
| 2060 | 3.21E-14 | 2162 | -4.00E-14 | 2264 | -1.32E-13 | 2366 | 7.55E-14 | 2468 | 8.50E-14 | 2570 | 9.81E-14 | 2672 | 2.51E-13 | 2774 | 1.91E-13 | 2876 | 3.20E-13 | 2978 | 4.43E-13 | 3080 | 5.32E-13 | 3182 | 4.82E-13 |
| 2062 | -1.27E-13 | 2164 | -1.24E-13 | 2266 | 4.68E-15 | 2368 | 1.31E-13 | 2470 | 1.07E-13 | 2572 | 1.02E-13 | 2674 | 2.53E-13 | 2776 | 1.81E-13 | 2878 | 2.92E-13 | 2980 | 4.37E-13 | 3082 | 5.54E-13 | 3184 | 5.21E-13 |
| 2064 | -2.09E-13 | 2166 | -5.65E-14 | 2268 | -4.83E-14 | 2370 | 5.29E-14 | 2472 | 5.04E-14 | 2574 | 1.27E-13 | 2676 | 2.42E-13 | 2778 | 1.72E-13 | 2880 | 2.46E-13 | 2982 | 4.04E-13 | 3084 | 5.63E-13 | 3186 | 5.86E-13 |
| 2066 | 4.15E-14 | 2168 | -1.24E-13 | 2270 | -8.58E-14 | 2372 | 4.35E-14 | 2474 | 4.53E-14 | 2576 | 1.26E-13 | 2678 | 2.29E-13 | 2780 | 1.58E-13 | 2882 | 2.30E-13 | 2984 | 3.94E-13 | 3086 | 5.54E-13 | 3188 | 6.54E-13 |
| 2068 | -3.89E-14 | 2170 | 9.70E-14 | 2272 | -6.70E-14 | 2374 | 2.28E-14 | 2476 | 1.20E-14 | 2578 | 1.31E-13 | 2680 | 2.17E-13 | 2782 | 1.57E-13 | 2884 | 2.29E-13 | 2986 | 3.85E-13 | 3088 | 5.18E-13 | 3190 | 6.50E-13 |
| 2070 | 8.81E-15 | 2172 | 1.66E-13 | 2274 | 2.36E-15 | 2376 | 9.03E-14 | 2478 | 4.42E-14 | 2580 | 1.34E-13 | 2682 | 2.12E-13 | 2784 | 1.62E-13 | 2886 | 2.39E-13 | 2988 | 3.98E-13 | 3090 | 4.63E-13 | 3192 | 5.60E-13 |
| 2072 | 1.20E-14 | 2174 | -3.33E-15 | 2276 | 1.87E-13 | 2378 | 5.73E-14 | 2480 | 7.58E-14 | 2582 | 9.11E-14 | 2684 | 2.09E-13 | 2786 | 1.31E-13 | 2888 | 2.65E-13 | 2990 | 4.46E-13 | 3092 | 3.79E-13 | 3194 | 5.58E-13 |
| 2074 | 3.93E-14 | 2176 | 1.14E-14 | 2278 | 1.14E-13 | 2380 | 7.13E-14 | 2482 | 2.83E-14 | 2584 | 7.65E-14 | 2686 | 2.21E-13 | 2788 | 1.09E-13 | 2890 | 2.85E-13 | 2992 | 4.49E-13 | 3094 | 3.90E-13 | 3196 | 6.20E-13 |
| 2076 | 2.55E-13 | 2178 | 9.55E-14 | 2280 | -2.18E-14 | 2382 | 5.00E-14 | 2484 | 1.47E-14 | 2586 | 1.04E-13 | 2688 | 2.28E-13 | 2790 | 9.52E-14 | 2892 | 3.16E-13 | 2994 | 4.22E-13 | 3096 | 4.40E-13 | 3198 | 6.29E-13 |


HD 111721 G2 V
V=7.97 (B-V)=0.81 E(B-V)=0.18
LAP: LWP 15612
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 143761 G2 V V=5.41 (B-V)=0.60 E(B-V)=-0.03**

**LAP: LWP 12511**

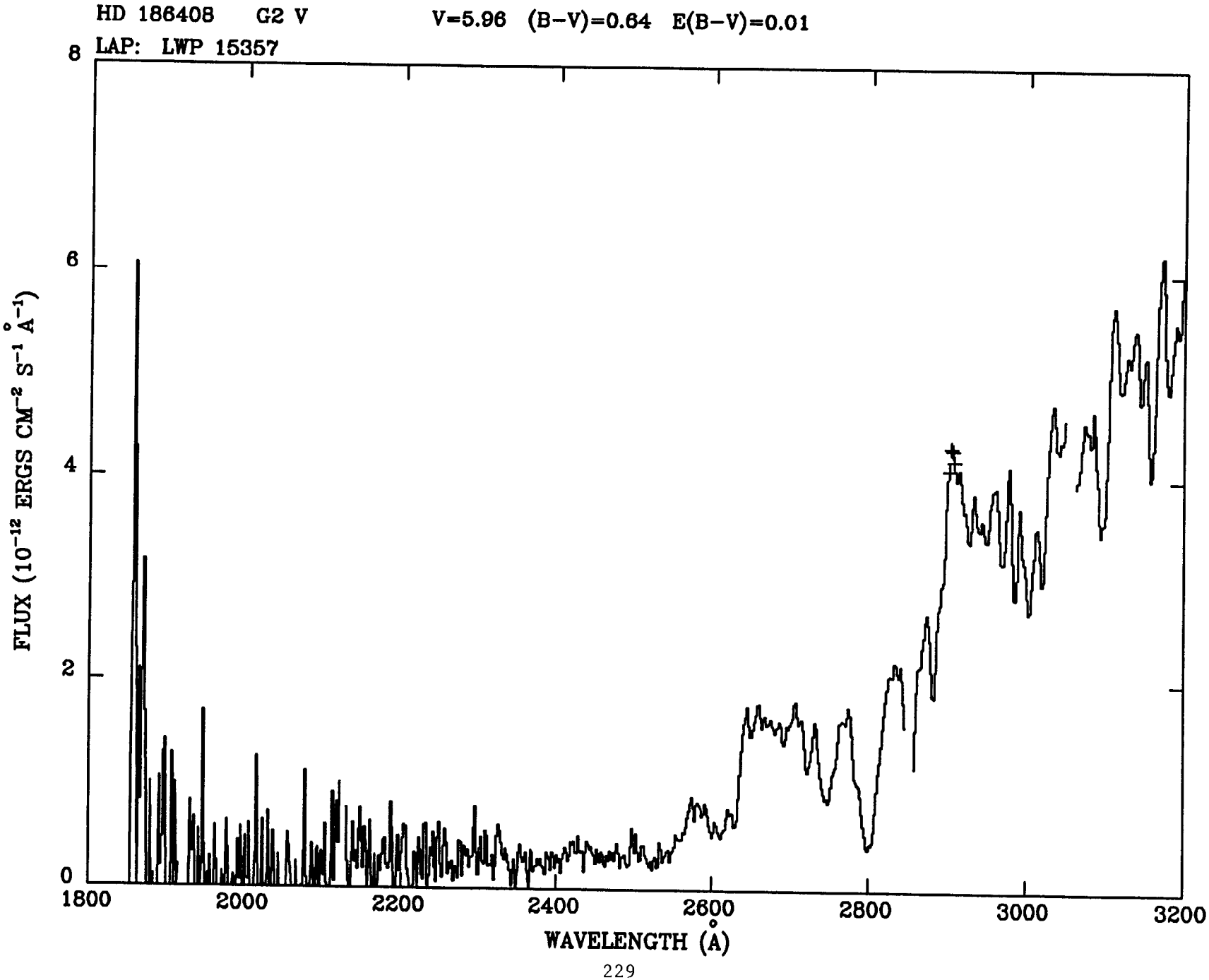
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 9.95E-13 | 2078 | 1.39E-12 | 2180 | 1.11E-12 | 2282 | 8.45E-13 | 2384 | 5.05E-13 | 2486 | 7.79E-13 | 2588 | 2.00E-12 | 2690 | 4.11E-12 | 2792 | 1.33E-12 | 2894 | 6.83E-12 | 2996 | 7.86E-12 | 3098 | 7.67E-12 |
| 1978 | 1.07E-12 | 2080 | -2.95E-13 | 2182 | 6.00E-13 | 2284 | 7.97E-13 | 2386 | 4.34E-13 | 2488 | 8.44E-13 | 2590 | 2.28E-12 | 2692 | 3.99E-12 | 2794 | 1.20E-12 | 2896 | 7.29E-12 | 2998 | 7.56E-12 | 3100 | 7.92E-12 |
| 1980 | -5.28E-13 | 2082 | -8.08E-13 | 2184 | 9.43E-13 | 2286 | 1.22E-12 | 2388 | 6.46E-13 | 2490 | 7.02E-13 | 2592 | 2.25E-12 | 2694 | 4.17E-12 | 2796 | 1.09E-12 | 2898 | 8.22E-12 | 3000 | 7.16E-12 | 3102 | 8.76E-12 |
| 1982 | -7.05E-13 | 2084 | 2.75E-13 | 2186 | 1.11E-12 | 2288 | 9.56E-13 | 2390 | 1.08E-12 | 2492 | 7.16E-13 | 2594 | 1.92E-12 | 2696 | 4.26E-12 | 2798 | 9.25E-13 | 2900 | 8.82E-12 | 3002 | 7.09E-12 | 3104 | 9.55E-12 |
| 1984 | 4.04E-13 | 2086 | 1.12E-12 | 2188 | 1.93E-12 | 2290 | 1.07E-12 | 2392 | 1.04E-12 | 2494 | 7.89E-13 | 2596 | 1.70E-12 | 2698 | 4.20E-12 | 2800 | 9.77E-13 | 2902 | 9.08E-12 | 3004 | 7.26E-12 | 3106 | 1.02E-11 |
| 1986 | 1.06E-12 | 2088 | 4.82E-13 | 2190 | 5.11E-13 | 2292 | 3.84E-13 | 2394 | 9.00E-13 | 2496 | 8.90E-13 | 2598 | 1.56E-12 | 2700 | 4.48E-12 | 2802 | 9.96E-13 | 2904 | 9.25E-12 | 3006 | 7.46E-12 | 3108 | 1.06E-11 |
| 1988 | 1.69E-13 | 2090 | -2.58E-13 | 2192 | -2.43E-13 | 2294 | 1.03E-12 | 2396 | 7.81E-13 | 2498 | 1.39E-12 | 2600 | 1.33E-12 | 2702 | 4.84E-12 | 2804 | 1.02E-12 | 2906 | 9.54E-12 | 3008 | 7.52E-12 | 3110 | 1.08E-11 |
| 1990 | -9.87E-13 | 2092 | 1.16E-12 | 2194 | 8.36E-13 | 2296 | 1.87E-12 | 2398 | 7.46E-13 | 2500 | 1.27E-12 | 2602 | 1.42E-12 | 2704 | 4.95E-12 | 2806 | 1.24E-12 | 2908 | 9.28E-12 | 3010 | 8.00E-12 | 3112 | 1.07E-11 |
| 1992 | 3.87E-13 | 2094 | 8.53E-13 | 2196 | 8.43E-13 | 2298 | 8.61E-13 | 2400 | 8.20E-13 | 2502 | 1.24E-12 | 2604 | 1.61E-12 | 2706 | 4.91E-12 | 2808 | 1.55E-12 | 2910 | 8.95E-12 | 3012 | 8.36E-12 | 3114 | 1.03E-11 |
| 1994 | 6.82E-13 | 2096 | 3.71E-13 | 2198 | 6.43E-13 | 2300 | 5.68E-13 | 2402 | 6.74E-13 | 2504 | 1.26E-12 | 2606 | 1.55E-12 | 2708 | 4.64E-12 | 2810 | 2.08E-12 | 2912 | 8.76E-12 | 3014 | 8.06E-12 | 3116 | 9.74E-12 |
| 1996 | 6.93E-13 | 2098 | 1.15E-12 | 2200 | 6.38E-13 | 2302 | 7.78E-13 | 2404 | 6.90E-13 | 2506 | 8.70E-13 | 2608 | 1.40E-12 | 2710 | 4.43E-12 | 2812 | 2.51E-12 | 2914 | 8.58E-12 | 3016 | 7.45E-12 | 3118 | 9.24E-12 |
| 1998 | -2.02E-13 | 2100 | 4.44E-13 | 2202 | 9.12E-13 | 2304 | 7.20E-13 | 2406 | 4.11E-13 | 2508 | 8.83E-13 | 2610 | 1.34E-12 | 2712 | 4.19E-12 | 2814 | 2.74E-12 | 2916 | 8.49E-12 | 3018 | 6.95E-12 | 3120 | 9.30E-12 |
| 2000 | -4.55E-14 | 2102 | 3.18E-13 | 2204 | 1.19E-12 | 2306 | 7.44E-13 | 2408 | 7.80E-13 | 2510 | 1.16E-12 | 2612 | 1.24E-12 | 2714 | 4.11E-12 | 2816 | 3.14E-12 | 2918 | 8.21E-12 | 3020 | 6.94E-12 | 3122 | 9.86E-12 |
| 2002 | -1.00E-14 | 2104 | 5.81E-13 | 2206 | 6.69E-13 | 2308 | 1.11E-12 | 2410 | 7.58E-13 | 2512 | 1.09E-12 | 2614 | 1.25E-12 | 2716 | 4.00E-12 | 2818 | 3.56E-12 | 2920 | 8.07E-12 | 3022 | 7.58E-12 | 3124 | 1.05E-11 |
| 2004 | 1.04E-12 | 2106 | -1.24E-13 | 2208 | 6.89E-13 | 2310 | 1.17E-12 | 2412 | 6.59E-13 | 2514 | 8.12E-13 | 2616 | 1.34E-12 | 2718 | 3.53E-12 | 2820 | 3.92E-12 | 2922 | 7.94E-12 | 3024 | 8.32E-12 | 3126 | 1.06E-11 |
| 2006 | 4.83E-13 | 2108 | -4.89E-13 | 2210 | 1.40E-12 | 2312 | 6.25E-13 | 2414 | 7.31E-13 | 2516 | 6.93E-13 | 2618 | 1.68E-12 | 2720 | 3.11E-12 | 2822 | 4.33E-12 | 2924 | 7.48E-12 | 3026 | 9.04E-12 | 3128 | 1.03E-11 |
| 2008 | -1.48E-12 | 2110 | 3.34E-13 | 2212 | 3.59E-13 | 2314 | 4.08E-13 | 2416 | 8.04E-13 | 2518 | 6.83E-13 | 2620 | 1.97E-12 | 2722 | 3.29E-12 | 2824 | 4.56E-12 | 2926 | 7.23E-12 | 3028 | 9.38E-12 | 3130 | 1.03E-11 |
| 2010 | -3.94E-13 | 2112 | 1.03E-12 | 2214 | -1.25E-14 | 2316 | 6.46E-13 | 2418 | 1.14E-12 | 2520 | 5.49E-13 | 2622 | 2.04E-12 | 2724 | 3.43E-12 | 2826 | 4.64E-12 | 2928 | 7.45E-12 | 3030 | 9.77E-12 | 3132 | 1.07E-11 |
| 2012 | -6.43E-13 | 2114 | 2.29E-13 | 2216 | 5.18E-13 | 2318 | 1.26E-12 | 2420 | 1.49E-12 | 2522 | 5.57E-13 | 2624 | 1.98E-12 | 2726 | 3.54E-12 | 2828 | 4.87E-12 | 2930 | 8.31E-12 | 3032 | 1.04E-11 | 3134 | 1.12E-11 |
| 2014 | 1.31E-12 | 2116 | 1.49E-12 | 2218 | 8.47E-13 | 2320 | 8.18E-13 | 2422 | 1.60E-12 | 2524 | 5.93E-13 | 2626 | 1.81E-12 | 2728 | 3.82E-12 | 2830 | 5.05E-12 | 2932 | 9.07E-12 | 3034 | 1.02E-11 | 3136 | 1.14E-11 |
| 2016 | 1.78E-12 | 2118 | 1.43E-12 | 2220 | 4.07E-13 | 2322 | 8.01E-13 | 2424 | 1.42E-12 | 2526 | 6.69E-13 | 2628 | 1.56E-12 | 2730 | 4.10E-12 | 2832 | 5.00E-12 | 2934 | 8.80E-12 | 3036 | 9.72E-12 | 3138 | 1.11E-11 |
| 2018 | -2.75E-13 | 2120 | 9.96E-13 | 2222 | 4.15E-13 | 2324 | 1.33E-12 | 2426 | 1.22E-12 | 2528 | 7.42E-13 | 2630 | 1.59E-12 | 2732 | 4.09E-12 | 2834 | 5.22E-12 | 2936 | 8.11E-12 | 3038 | 9.46E-12 | 3140 | 1.05E-11 |
| 2020 | -6.85E-13 | 2122 | 2.35E-12 | 2224 | 1.25E-12 | 2326 | 1.31E-12 | 2428 | 1.58E-12 | 2530 | 6.75E-13 | 2632 | 1.78E-12 | 2734 | 3.80E-12 | 2836 | 5.01E-12 | 2938 | 7.55E-12 | 3040 | 9.27E-12 | 3142 | 9.72E-12 |
| 2022 | 3.76E-13 | 2124 | 3.28E-13 | 2226 | 1.17E-12 | 2328 | 7.44E-13 | 2430 | 1.65E-12 | 2532 | 6.91E-13 | 2634 | 2.28E-12 | 2736 | 3.37E-12 | 2838 | 4.79E-12 | 2940 | 7.63E-12 | 3042 | 9.10E-12 | 3144 | 9.19E-12 |
| 2024 | 7.07E-13 | 2126 | 1.11E-12 | 2228 | 9.96E-13 | 2330 | 6.37E-13 | 2432 | 1.44E-12 | 2534 | 9.59E-13 | 2636 | 3.24E-12 | 2738 | 2.89E-12 | 2840 | 4.89E-12 | 2942 | 7.73E-12 | 3044 | 9.37E-12 | 3146 | 9.13E-12 |
| 2026 | 2.14E-13 | 2128 | 2.50E-12 | 2230 | 1.52E-12 | 2332 | 7.25E-13 | 2434 | 1.40E-12 | 2536 | 7.31E-13 | 2638 | 4.14E-12 | 2740 | 2.48E-12 | 2842 | 4.65E-12 | 2944 | 7.81E-12 | 3046 | 9.42E-12 | 3148 | 9.93E-12 |
| 2028 | -4.78E-13 | 2130 | 1.29E-12 | 2232 | 1.42E-12 | 2334 | 1.23E-12 | 2436 | 9.81E-13 | 2538 | 6.83E-13 | 2640 | 4.83E-12 | 2742 | 2.29E-12 | 2844 | 4.35E-12 | 2946 | 7.62E-12 | 3048 | 9.50E-12 | 3150 | 1.05E-11 |
| 2030 | -1.45E-13 | 2132 | -1.43E-13 | 2234 | 3.98E-13 | 2336 | 1.10E-12 | 2438 | 1.19E-12 | 2540 | 9.09E-13 | 2642 | 5.13E-12 | 2744 | 2.19E-12 | 2846 | 4.03E-12 | 2948 | 7.49E-12 | 3050 | 9.61E-12 | 3152 | 1.04E-11 |
| 2032 | 1.36E-13 | 2134 | -4.99E-13 | 2236 | 6.18E-13 | 2338 | 7.15E-13 | 2440 | 1.28E-12 | 2542 | 1.12E-12 | 2644 | 5.04E-12 | 2746 | 2.23E-12 | 2848 | | 2950 | 7.93E-12 | 3052 | 9.68E-12 | 3154 | 9.42E-12 |
| 2034 | -2.03E-13 | 2136 | 5.95E-13 | 2238 | 9.21E-13 | 2340 | 5.91E-13 | 2442 | 1.17E-12 | 2544 | 1.10E-12 | 2646 | | 2748 | 2.15E-12 | 2850 | | 2952 | 8.30E-12 | 3054 | | 3156 | 8.47E-12 |
| 2036 | 1.77E-13 | 2138 | 1.74E-12 | 2240 | 1.22E-12 | 2342 | 4.15E-13 | 2444 | 1.11E-12 | 2546 | 7.97E-13 | 2648 | 4.16E-12 | 2750 | 2.18E-12 | 2852 | | 2954 | 8.14E-12 | 3056 | | 3158 | 8.50E-12 |
| 2038 | 2.02E-13 | 2140 | 1.29E-12 | 2242 | 1.36E-12 | 2344 | 5.14E-13 | 2446 | 1.27E-12 | 2548 | 8.42E-13 | 2650 | 4.25E-12 | 2752 | 2.64E-12 | 2854 | | 2956 | 8.43E-12 | 3058 | | 3160 | 9.00E-12 |
| 2040 | -4.13E-13 | 2142 | 1.42E-12 | 2244 | 5.91E-13 | 2346 | 5.70E-13 | 2448 | 1.20E-12 | 2550 | 1.05E-12 | 2652 | 4.42E-12 | 2754 | 3.01E-12 | 2856 | 2.99E-12 | 2958 | 8.74E-12 | 3060 | | 3162 | 9.69E-12 |
| 2042 | 1.61E-13 | 2144 | 9.57E-13 | 2246 | 8.27E-13 | 2348 | 4.51E-13 | 2450 | 9.62E-13 | 2552 | 1.11E-12 | 2654 | 4.54E-12 | 2756 | 3.07E-12 | 2858 | 3.56E-12 | 2960 | 8.84E-12 | 3062 | 8.72E-12 | 3164 | 1.04E-11 |
| 2044 | 6.39E-13 | 2146 | 1.31E-12 | 2248 | 1.76E-12 | 2350 | 4.78E-13 | 2452 | 9.15E-13 | 2554 | 1.34E-12 | 2656 | 4.80E-12 | 2758 | 3.34E-12 | 2860 | 4.62E-12 | 2962 | 8.47E-12 | 3064 | 8.66E-12 | 3166 | 1.12E-11 |
| 2046 | -4.70E-13 | 2148 | 2.08E-12 | 2250 | 1.47E-12 | 2352 | 9.53E-13 | 2454 | 9.31E-13 | 2556 | 1.51E-12 | 2658 | 5.28E-12 | 2760 | 3.61E-12 | 2862 | 5.19E-12 | 2964 | 7.66E-12 | 3066 | 8.59E-12 | 3168 | 1.18E-11 |
| 2048 | -1.53E-13 | 2150 | 1.56E-12 | 2252 | 9.70E-13 | 2354 | 8.63E-13 | 2456 | 7.41E-13 | 2558 | 1.54E-12 | 2660 | 5.44E-12 | 2762 | 3.76E-12 | 2864 | 5.23E-12 | 2966 | 7.15E-12 | 3068 | 9.01E-12 | 3170 | 1.21E-11 |
| 2050 | -1.70E-14 | 2152 | 3.53E-13 | 2254 | 1.41E-12 | 2356 | 8.05E-13 | 2458 | 9.31E-13 | 2560 | 1.55E-12 | 2662 | 4.87E-12 | 2764 | 3.97E-12 | 2866 | 5.32E-12 | 2968 | 7.13E-12 | 3070 | 9.38E-12 | 3172 | 1.21E-11 |
| 2052 | 1.46E-13 | 2154 | 1.96E-12 | 2256 | 1.51E-12 | 2358 | 8.31E-13 | 2460 | 9.07E-13 | 2562 | 1.56E-12 | 2664 | 4.52E-12 | 2766 | 4.11E-12 | 2868 | 5.46E-12 | 2970 | 7.46E-12 | 3072 | 9.50E-12 | 3174 | 1.17E-11 |
| 2054 | 1.18E-12 | 2156 | 1.00E-12 | 2258 | 1.23E-12 | 2360 | 1.07E-12 | 2462 | 8.81E-13 | 2564 | 1.62E-12 | 2666 | 4.39E-12 | 2768 | 4.04E-12 | 2870 | 5.57E-12 | 2972 | 7.86E-12 | 3074 | 9.75E-12 | 3176 | 1.05E-11 |
| 2056 | 9.65E-13 | 2158 | 1.59E-13 | 2260 | 6.19E-13 | 2362 | 7.54E-13 | 2464 | 8.16E-13 | 2566 | 1.79E-12 | 2668 | 4.21E-12 | 2770 | 3.86E-12 | 2872 | 5.63E-12 | 2974 | 8.44E-12 | 3076 | 9.73E-12 | 3178 | 9.57E-12 |
| 2058 | 9.21E-13 | 2160 | 1.17E-12 | 2262 | 4.03E-13 | 2364 | 3.94E-13 | 2466 | 1.03E-12 | 2568 | 2.16E-12 | 2670 | 4.21E-12 | 2772 | 3.98E-12 | 2874 | 5.65E-12 | 2976 | 8.98E-12 | 3078 | 9.71E-12 | 3180 | 9.59E-12 |
| 2060 | 5.44E-13 | 2162 | 8.19E-13 | 2264 | 1.32E-12 | 2366 | 8.64E-13 | 2468 | 8.89E-13 | 2570 | 2.38E-12 | 2672 | 4.51E-12 | 2774 | 4.17E-12 | 2876 | 5.25E-12 | 2978 | 8.66E-12 | 3080 | 9.71E-12 | 3182 | 1.00E-11 |
| 2062 | -7.26E-13 | 2164 | 4.96E-13 | 2266 | 9.34E-13 | 2368 | 1.16E-12 | 2470 | 9.35E-13 | 2572 | 2.46E-12 | 2674 | 4.84E-12 | 2776 | 3.87E-12 | 2878 | 4.76E-12 | 2980 | 7.57E-12 | 3082 | 9.65E-12 | 3184 | 1.08E-11 |
| 2064 | -7.24E-13 | 2166 | 4.22E-13 | 2268 | 4.18E-13 | 2370 | 1.10E-12 | 2472 | 9.18E-13 | 2574 | 2.50E-12 | 2676 | 4.80E-12 | 2778 | 3.24E-12 | 2880 | 4.25E-12 | 2982 | 6.69E-12 | 3084 | 9.87E-12 | 3186 | 1.10E-11 |
| 2066 | 1.27E-13 | 2168 | 4.42E-13 | 2270 | 5.79E-13 | 2372 | 9.75E-13 | 2474 | 9.55E-13 | 2576 | 2.15E-12 | 2678 | 4.45E-12 | 2780 | 2.84E-12 | 2882 | 4.32E-12 | 2984 | 6.47E-12 | 3086 | 9.74E-12 | 3188 | 1.11E-11 |
| 2068 | -2.38E-14 | 2170 | 1.45E-12 | 2272 | 4.11E-13 | 2374 | 8.05E-13 | 2476 | 9.53E-13 | 2578 | 1.86E-12 | 2680 | 4.20E-12 | 2782 | 2.66E-12 | 2884 | 5.04E-12 | 2986 | 6.85E-12 | 3088 | 9.02E-12 | 3190 | 1.12E-11 |
| 2070 | -7.20E-13 | 2172 | 6.70E-13 | 2274 | 4.67E-13 | 2376 | 9.51E-13 | 2478 | 1.39E-12 | 2580 | 2.36E-12 | 2682 | 4.34E-12 | 2784 | 2.60E-12 | 2886 | 5.69E-12 | 2988 | 7.53E-12 | 3090 | 8.40E-12 | 3192 | 1.09E-11 |
| 2072 | -5.76E-13 | 2174 | 9.46E-14 | 2276 | 1.01E-12 | 2378 | 8.03E-13 | 2480 | 1.22E-12 | 2582 | 2.47E-12 | 2684 | 4.63E-12 | 2786 | 2.36E-12 | 2888 | 6.15E-12 | 2990 | 8.32E-12 | 3092 | 7.67E-12 | 3194 | 1.09E-11 |
| 2074 | -4.63E-13 | 2176 | 9.86E-13 | 2278 | 2.78E-13 | 2380 | 8.50E-13 | 2482 | 6.47E-13 | 2584 | 2.26E-12 | 2686 | 4.65E-12 | 2788 | 2.07E-12 | 2890 | 6.24E-12 | 2992 | 8.47E-12 | 3094 | 7.53E-12 | 3196 | 1.16E-11 |
| 2076 | 1.43E-12 | 2178 | 1.48E-12 | 2280 | 6.49E-14 | 2382 | 6.18E-13 | 2484 | 6.47E-13 | 2586 | 2.04E-12 | 2688 | 4.49E-12 | 2790 | 1.65E-12 | 2892 | 6.54E-12 | 2994 | 8.09E-12 | 3096 | 7.70E-12 | 3198 | 1.25E-11 |


HD 143761 G2 V
V=5.41 (B-V)=0.60 E(B-V)=-0.03
LAP: LWP 12511
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

**HD 186408 G2 V V=5.96 (B-V)=0.64 E(B-V)=0.01**

**LAP: LWP 15357**

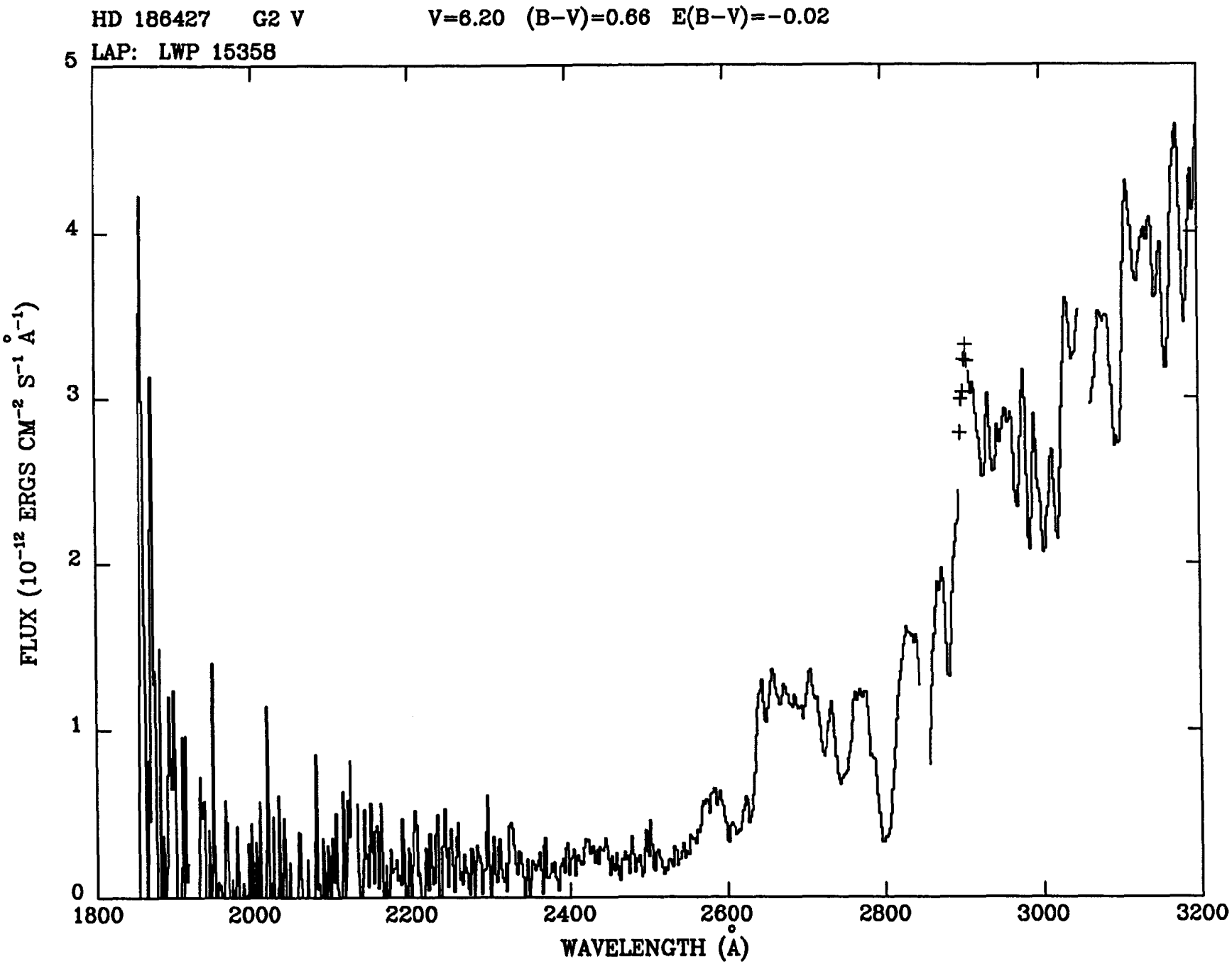
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.15E-13 | 2078 | 6.09E-13 | 2180 | 4.49E-13 | 2282 | 4.02E-13 | 2384 | 1.88E-13 | 2486 | 3.13E-13 | 2588 | 7.20E-13 | 2690 | 1.46E-12 | 2792 | 6.93E-13 | 2894 | 3.01E-12 | 2996 | 3.22E-12 | 3098 | 3.60E-12 |
| 1978 | 4.67E-13 | 2080 | 5.24E-14 | 2182 | 2.21E-13 | 2284 | 3.40E-13 | 2386 | 1.96E-13 | 2488 | 3.29E-13 | 2590 | 7.74E-13 | 2692 | 1.41E-12 | 2794 | 5.79E-13 | 2896 | 3.28E-12 | 2998 | 3.12E-12 | 3100 | 3.76E-12 |
| 1980 | -1.89E-13 | 2082 | -8.89E-14 | 2184 | 1.95E-13 | 2286 | 3.58E-13 | 2388 | 3.40E-13 | 2490 | 2.70E-13 | 2592 | 8.11E-13 | 2694 | 1.47E-12 | 2796 | 4.73E-13 | 2898 | 3.78E-12 | 3000 | 2.93E-12 | 3102 | 4.16E-12 |
| 1982 | -2.09E-13 | 2084 | 9.29E-14 | 2186 | 4.15E-13 | 2288 | 2.31E-13 | 2390 | 3.08E-13 | 2492 | 2.24E-13 | 2594 | 7.53E-13 | 2696 | 1.58E-12 | 2798 | 4.11E-13 | 2900 | 4.01E-12 | 3002 | 2.74E-12 | 3104 | 4.63E-12 |
| 1984 | 2.60E-14 | 2086 | 3.61E-13 | 2188 | 7.35E-13 | 2290 | 2.96E-13 | 2392 | 2.40E-13 | 2494 | 2.45E-13 | 2596 | 6.64E-13 | 2698 | 1.57E-12 | 2800 | 4.38E-13 | 2902 | | 3004 | 2.72E-12 | 3106 | 5.23E-12 |
| 1986 | 1.07E-13 | 2088 | 2.99E-14 | 2190 | 2.07E-13 | 2292 | 3.08E-13 | 2394 | 2.75E-13 | 2496 | 4.39E-13 | 2598 | 5.85E-13 | 2700 | 1.60E-12 | 2802 | 4.46E-13 | 2904 | | 3006 | 2.93E-12 | 3108 | 5.56E-12 |
| 1988 | -5.98E-14 | 2090 | -4.23E-13 | 2192 | -3.37E-13 | 2294 | 5.93E-13 | 2396 | 3.28E-13 | 2498 | 5.60E-13 | 2600 | 5.25E-13 | 2702 | 1.64E-12 | 2804 | 4.67E-13 | 2906 | | 3008 | 3.13E-12 | 3110 | 5.66E-12 |
| 1990 | 1.42E-13 | 2092 | 3.21E-13 | 2194 | 3.86E-14 | 2296 | 7.18E-13 | 2398 | 2.39E-13 | 2500 | 4.15E-13 | 2602 | 5.47E-13 | 2704 | 1.71E-12 | 2806 | 5.64E-13 | 2908 | 4.11E-12 | 3010 | 3.28E-12 | 3112 | 5.63E-12 |
| 1992 | 3.70E-13 | 2094 | 3.29E-13 | 2196 | 4.70E-13 | 2298 | 3.01E-13 | 2400 | 2.97E-13 | 2502 | 4.16E-13 | 2604 | 6.42E-13 | 2706 | 1.81E-12 | 2808 | 7.57E-13 | 2910 | 4.05E-12 | 3012 | 3.52E-12 | 3114 | 5.45E-12 |
| 1994 | 1.95E-13 | 2096 | -7.92E-14 | 2198 | 2.63E-13 | 2300 | 1.98E-13 | 2402 | 2.75E-13 | 2504 | 4.64E-13 | 2606 | 6.28E-13 | 2708 | 1.75E-12 | 2810 | 9.77E-13 | 2912 | 4.01E-12 | 3014 | 3.51E-12 | 3116 | 5.16E-12 |
| 1996 | 3.54E-13 | 2098 | 3.13E-13 | 2200 | 2.89E-13 | 2302 | 4.22E-13 | 2404 | 2.92E-13 | 2506 | 3.25E-13 | 2608 | 5.58E-13 | 2710 | 1.64E-12 | 2812 | 1.15E-12 | 2914 | 4.08E-12 | 3016 | 3.38E-12 | 3118 | 4.93E-12 |
| 1998 | -1.91E-13 | 2100 | 1.77E-13 | 2202 | 4.48E-13 | 2304 | 3.99E-13 | 2406 | 1.61E-13 | 2508 | 2.83E-13 | 2610 | 5.27E-13 | 2712 | 1.62E-12 | 2814 | 1.28E-12 | 2916 | 4.02E-12 | 3018 | 3.14E-12 | 3120 | 4.88E-12 |
| 2000 | 2.00E-13 | 2102 | 2.84E-13 | 2204 | 5.88E-13 | 2306 | 2.52E-13 | 2408 | 2.94E-13 | 2510 | 3.69E-13 | 2612 | 5.10E-13 | 2714 | 1.65E-12 | 2816 | 1.45E-12 | 2918 | 3.83E-12 | 3020 | 3.00E-12 | 3122 | 4.89E-12 |
| 2002 | 1.41E-13 | 2104 | 3.52E-13 | 2206 | 5.92E-13 | 2308 | 4.11E-13 | 2410 | 3.49E-13 | 2512 | 4.21E-13 | 2614 | 5.60E-13 | 2716 | 1.58E-12 | 2818 | 1.62E-12 | 2920 | 3.70E-12 | 3022 | 3.16E-12 | 3124 | 5.00E-12 |
| 2004 | 6.62E-14 | 2106 | -5.83E-15 | 2208 | 1.74E-13 | 2310 | 5.20E-13 | 2412 | 3.90E-13 | 2514 | 3.54E-13 | 2616 | 5.81E-13 | 2718 | 1.40E-12 | 2820 | 1.76E-12 | 2922 | 3.69E-12 | 3024 | 3.52E-12 | 3126 | 5.12E-12 |
| 2006 | 5.37E-13 | 2108 | -3.10E-13 | 2210 | 9.85E-14 | 2312 | 3.16E-13 | 2414 | 3.35E-13 | 2516 | 3.11E-13 | 2618 | 6.29E-13 | 2720 | 1.20E-12 | 2822 | 1.89E-12 | 2924 | 3.55E-12 | 3026 | 3.91E-12 | 3128 | 5.21E-12 |
| 2008 | -3.03E-13 | 2110 | 2.25E-14 | 2212 | -2.28E-14 | 2314 | 2.29E-13 | 2416 | 2.93E-13 | 2518 | 2.68E-13 | 2620 | 7.36E-13 | 2722 | 1.15E-12 | 2824 | 2.01E-12 | 2926 | 3.42E-12 | 3028 | 4.24E-12 | 3130 | 5.17E-12 |
| 2010 | -4.00E-14 | 2112 | 7.35E-13 | 2214 | 3.72E-15 | 2316 | 2.20E-13 | 2418 | 3.75E-13 | 2520 | 2.22E-13 | 2622 | 7.54E-13 | 2724 | 1.21E-12 | 2826 | 2.08E-12 | 2928 | 3.41E-12 | 3030 | 4.48E-12 | 3132 | 5.16E-12 |
| 2012 | -1.09E-13 | 2114 | 2.73E-13 | 2216 | 1.37E-13 | 2318 | 3.07E-13 | 2420 | 4.41E-13 | 2522 | 2.71E-13 | 2624 | 7.34E-13 | 2726 | 1.27E-12 | 2828 | 2.08E-12 | 2930 | 3.58E-12 | 3032 | 4.64E-12 | 3134 | 5.28E-12 |
| 2014 | 6.01E-13 | 2116 | 4.39E-13 | 2218 | 3.36E-13 | 2320 | 9.42E-14 | 2422 | 4.46E-13 | 2524 | 1.99E-13 | 2626 | 7.39E-13 | 2728 | 1.40E-12 | 2830 | 2.07E-12 | 2932 | 3.79E-12 | 3034 | 4.73E-12 | 3136 | 5.40E-12 |
| 2016 | 8.10E-13 | 2118 | 7.79E-13 | 2220 | 1.78E-13 | 2322 | 2.29E-13 | 2424 | 3.97E-13 | 2526 | 2.91E-13 | 2628 | 6.54E-13 | 2730 | 1.54E-12 | 2832 | 2.18E-12 | 2934 | 3.80E-12 | 3036 | 4.56E-12 | 3138 | 5.46E-12 |
| 2018 | -1.94E-13 | 2120 | 4.45E-13 | 2222 | 2.62E-13 | 2324 | 5.18E-13 | 2426 | 3.51E-13 | 2528 | 2.88E-13 | 2630 | 6.20E-13 | 2732 | 1.61E-12 | 2834 | 2.19E-12 | 2936 | 3.62E-12 | 3038 | 4.31E-12 | 3140 | 5.41E-12 |
| 2020 | -2.21E-13 | 2122 | 1.01E-12 | 2224 | 4.15E-13 | 2326 | 6.01E-13 | 2428 | 4.59E-13 | 2530 | 2.17E-13 | 2632 | 6.68E-13 | 2734 | 1.49E-12 | 2836 | 2.11E-12 | 2938 | 3.54E-12 | 3040 | 4.30E-12 | 3142 | 5.15E-12 |
| 2022 | 3.30E-13 | 2124 | | 2226 | 2.11E-13 | 2328 | 5.23E-13 | 2430 | 4.02E-13 | 2532 | 3.03E-13 | 2634 | 8.62E-13 | 2736 | 1.31E-12 | 2838 | 2.08E-12 | 2940 | 3.52E-12 | 3042 | 4.30E-12 | 3144 | 4.83E-12 |
| 2024 | 2.70E-13 | 2126 | | 2228 | 9.33E-14 | 2330 | 4.00E-13 | 2432 | 3.56E-13 | 2534 | 4.25E-13 | 2636 | 1.12E-12 | 2738 | 1.16E-12 | 2840 | 2.16E-12 | 2942 | 3.56E-12 | 3044 | 4.38E-12 | 3146 | 4.78E-12 |
| 2026 | -1.80E-13 | 2128 | | 2230 | 5.03E-13 | 2332 | 3.08E-13 | 2434 | 3.66E-13 | 2536 | 3.32E-13 | 2638 | 1.36E-12 | 2740 | 1.03E-12 | 2842 | 2.01E-12 | 2944 | 3.60E-12 | 3046 | 4.38E-12 | 3148 | 4.99E-12 |
| 2028 | 1.02E-14 | 2130 | 5.90E-13 | 2232 | 6.21E-13 | 2334 | 3.27E-13 | 2436 | 1.88E-13 | 2538 | 2.97E-13 | 2640 | 1.53E-12 | 2742 | 9.50E-13 | 2844 | 1.76E-12 | 2946 | 3.51E-12 | 3048 | 4.48E-12 | 3150 | 5.18E-12 |
| 2030 | 6.02E-13 | 2132 | 1.73E-13 | 2234 | 5.65E-14 | 2336 | 3.51E-13 | 2438 | 3.63E-13 | 2540 | 3.27E-13 | 2642 | 1.63E-12 | 2744 | 8.91E-13 | 2846 | 1.59E-12 | 2948 | 3.42E-12 | 3050 | 4.59E-12 | 3152 | 5.18E-12 |
| 2032 | -4.17E-15 | 2134 | -6.62E-14 | 2236 | 1.27E-13 | 2338 | 2.84E-13 | 2440 | 4.55E-13 | 2542 | 3.57E-13 | 2644 | 1.70E-12 | 2746 | 8.86E-13 | 2848 | | 2950 | 3.41E-12 | 3052 | | 3154 | 4.71E-12 |
| 2034 | -2.68E-13 | 2136 | 8.98E-14 | 2238 | 3.74E-13 | 2340 | 2.01E-13 | 2442 | 4.19E-13 | 2544 | 3.77E-13 | 2646 | 1.71E-12 | 2748 | 8.52E-13 | 2850 | | 2952 | 3.55E-12 | 3054 | | 3156 | 4.22E-12 |
| 2036 | 5.28E-13 | 2138 | 5.11E-13 | 2240 | 3.60E-13 | 2342 | 7.25E-14 | 2444 | 3.94E-13 | 2546 | 2.90E-13 | 2648 | 1.54E-12 | 2750 | 8.80E-13 | 2852 | | 2954 | 3.75E-12 | 3056 | | 3158 | 4.03E-12 |
| 2038 | 2.20E-13 | 2140 | 3.85E-13 | 2242 | 4.47E-13 | 2344 | 1.41E-13 | 2446 | 3.90E-13 | 2548 | 3.47E-13 | 2650 | 1.49E-12 | 2752 | 1.02E-12 | 2854 | | 2956 | 3.82E-12 | 3058 | | 3160 | 4.14E-12 |
| 2040 | -3.37E-13 | 2142 | 3.27E-13 | 2244 | 1.46E-13 | 2346 | 2.69E-13 | 2448 | 3.41E-13 | 2550 | 3.73E-13 | 2652 | 1.52E-12 | 2754 | 1.13E-12 | 2856 | 1.18E-12 | 2958 | 3.90E-12 | 3060 | | 3162 | 4.45E-12 |
| 2042 | -1.81E-13 | 2144 | 2.13E-13 | 2246 | 2.31E-13 | 2348 | -3.02E-14 | 2450 | 2.88E-13 | 2552 | 4.26E-13 | 2654 | 1.60E-12 | 2756 | 1.17E-12 | 2858 | 1.46E-12 | 2960 | 3.92E-12 | 3062 | 3.94E-12 | 3164 | 4.93E-12 |
| 2044 | 1.54E-13 | 2146 | 5.03E-13 | 2248 | 5.51E-13 | 2350 | 1.65E-13 | 2452 | 3.25E-13 | 2554 | 5.24E-13 | 2656 | 1.67E-12 | 2758 | 1.22E-12 | 2860 | 1.86E-12 | 2962 | 3.85E-12 | 3064 | 3.99E-12 | 3166 | 5.49E-12 |
| 2046 | -1.53E-13 | 2148 | 7.53E-13 | 2250 | 4.32E-13 | 2352 | 3.58E-13 | 2454 | 3.59E-13 | 2556 | 4.96E-13 | 2658 | 1.76E-12 | 2760 | 1.35E-12 | 2862 | 2.12E-12 | 2964 | 3.60E-12 | 3066 | 4.01E-12 | 3168 | 5.87E-12 |
| 2048 | -1.53E-13 | 2150 | 4.26E-13 | 2252 | 1.64E-13 | 2354 | 4.02E-13 | 2456 | 2.91E-13 | 2558 | 4.83E-13 | 2660 | 1.79E-12 | 2762 | 1.51E-12 | 2864 | 2.17E-12 | 2966 | 3.30E-12 | 3068 | 4.15E-12 | 3170 | 6.11E-12 |
| 2050 | -2.10E-13 | 2152 | 2.45E-13 | 2254 | 3.01E-13 | 2356 | 2.91E-13 | 2458 | 3.35E-13 | 2560 | 4.82E-13 | 2662 | 1.69E-12 | 2764 | 1.62E-12 | 2866 | 2.19E-12 | 2968 | 3.19E-12 | 3070 | 4.33E-12 | 3172 | 6.19E-12 |
| 2052 | -1.29E-13 | 2154 | 5.53E-13 | 2256 | 5.19E-13 | 2358 | 2.74E-13 | 2460 | 3.42E-13 | 2562 | 5.14E-13 | 2664 | 1.57E-12 | 2766 | 1.64E-12 | 2868 | 2.37E-12 | 2970 | 3.19E-12 | 3072 | 4.46E-12 | 3174 | 5.95E-12 |
| 2054 | 3.28E-13 | 2156 | 3.12E-13 | 2258 | 4.68E-13 | 2360 | 3.21E-13 | 2462 | 2.52E-13 | 2564 | 5.48E-13 | 2666 | 1.65E-12 | 2768 | 1.64E-12 | 2870 | 2.49E-12 | 2972 | 3.29E-12 | 3074 | 4.55E-12 | 3176 | 5.32E-12 |
| 2056 | 4.32E-13 | 2158 | 4.64E-14 | 2260 | 1.82E-13 | 2362 | 2.71E-13 | 2464 | 2.28E-13 | 2566 | 5.79E-13 | 2668 | 1.67E-12 | 2770 | 1.62E-12 | 2872 | 2.63E-12 | 2974 | 3.57E-12 | 3076 | 4.49E-12 | 3178 | 4.99E-12 |
| 2058 | 2.65E-13 | 2160 | 4.57E-13 | 2262 | 2.37E-13 | 2364 | 8.40E-14 | 2466 | 3.24E-13 | 2568 | 6.61E-13 | 2670 | 1.59E-12 | 2772 | 1.66E-12 | 2874 | 2.65E-12 | 2976 | 3.97E-12 | 3078 | 4.48E-12 | 3180 | 4.88E-12 |
| 2060 | -5.28E-15 | 2162 | 3.45E-13 | 2264 | 1.95E-13 | 2366 | 2.01E-13 | 2468 | 2.95E-13 | 2570 | 7.37E-13 | 2672 | 1.60E-12 | 2774 | 1.75E-12 | 2876 | 2.52E-12 | 2978 | 4.12E-12 | 3080 | 4.41E-12 | 3182 | 4.89E-12 |
| 2062 | -3.14E-13 | 2164 | -8.47E-14 | 2266 | 2.42E-13 | 2368 | 3.58E-13 | 2470 | 3.51E-13 | 2572 | 8.14E-13 | 2674 | 1.63E-12 | 2776 | 1.71E-12 | 2878 | 2.30E-12 | 2980 | 3.79E-12 | 3082 | 4.35E-12 | 3184 | 5.11E-12 |
| 2064 | -4.16E-13 | 2166 | 1.10E-13 | 2268 | 9.21E-14 | 2370 | 2.24E-13 | 2472 | 3.13E-13 | 2574 | 8.77E-13 | 2676 | 1.62E-12 | 2778 | 1.52E-12 | 2880 | 2.00E-12 | 2982 | 3.14E-12 | 3084 | 4.56E-12 | 3186 | 5.30E-12 |
| 2066 | 1.78E-13 | 2168 | -2.48E-14 | 2270 | 1.97E-13 | 2372 | 2.01E-13 | 2474 | 3.28E-13 | 2576 | 8.06E-13 | 2678 | 1.57E-12 | 2780 | 1.28E-12 | 2882 | 1.88E-12 | 2984 | 2.85E-12 | 3086 | 4.53E-12 | 3188 | 5.45E-12 |
| 2068 | -2.08E-13 | 2170 | -2.13E-14 | 2272 | 1.36E-13 | 2374 | 2.18E-13 | 2476 | 3.15E-13 | 2578 | 6.79E-13 | 2680 | 1.54E-12 | 2782 | 1.08E-12 | 2884 | 2.04E-12 | 2986 | 2.89E-12 | 3088 | 4.23E-12 | 3190 | 5.53E-12 |
| 2070 | -1.37E-13 | 2172 | 2.40E-13 | 2274 | 2.22E-13 | 2376 | 2.85E-13 | 2478 | 4.00E-13 | 2580 | 8.21E-13 | 2682 | 1.55E-12 | 2784 | 1.05E-12 | 2886 | 2.42E-12 | 2988 | 3.18E-12 | 3090 | 3.99E-12 | 3192 | 5.47E-12 |
| 2072 | -8.49E-14 | 2174 | 1.81E-13 | 2276 | 4.46E-13 | 2378 | 2.33E-13 | 2480 | 3.89E-13 | 2582 | 8.32E-13 | 2684 | 1.57E-12 | 2786 | 1.02E-12 | 2888 | 2.68E-12 | 2990 | 3.59E-12 | 3092 | 3.64E-12 | 3194 | 5.45E-12 |
| 2074 | -8.52E-14 | 2176 | 3.02E-13 | 2278 | 2.79E-13 | 2380 | 2.84E-13 | 2482 | 2.65E-13 | 2584 | 8.08E-13 | 2686 | 1.62E-12 | 2788 | 9.70E-13 | 2890 | 2.77E-12 | 2992 | 3.63E-12 | 3094 | 3.48E-12 | 3196 | 5.66E-12 |
| 2076 | 6.90E-13 | 2178 | 4.47E-13 | 2280 | 2.77E-13 | 2382 | 2.17E-13 | 2484 | 2.78E-13 | 2586 | 7.71E-13 | 2688 | 1.60E-12 | 2790 | 8.41E-13 | 2892 | 2.94E-12 | 2994 | 3.38E-12 | 3096 | 3.58E-12 | 3198 | 5.91E-12 |


HD 186408 G2 V
V=5.96 (B-V)=0.64 E(B-V)=0.01
LAP: LWP 15357
FLUX ($10^{-12}$ ERGS CM$^{-2}$ S$^{-1}$ Å$^{-1}$)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 186427 G2 V V=6.20 (B-V)=0.66 E(B-V)=-0.02

LAP: LWP 15358

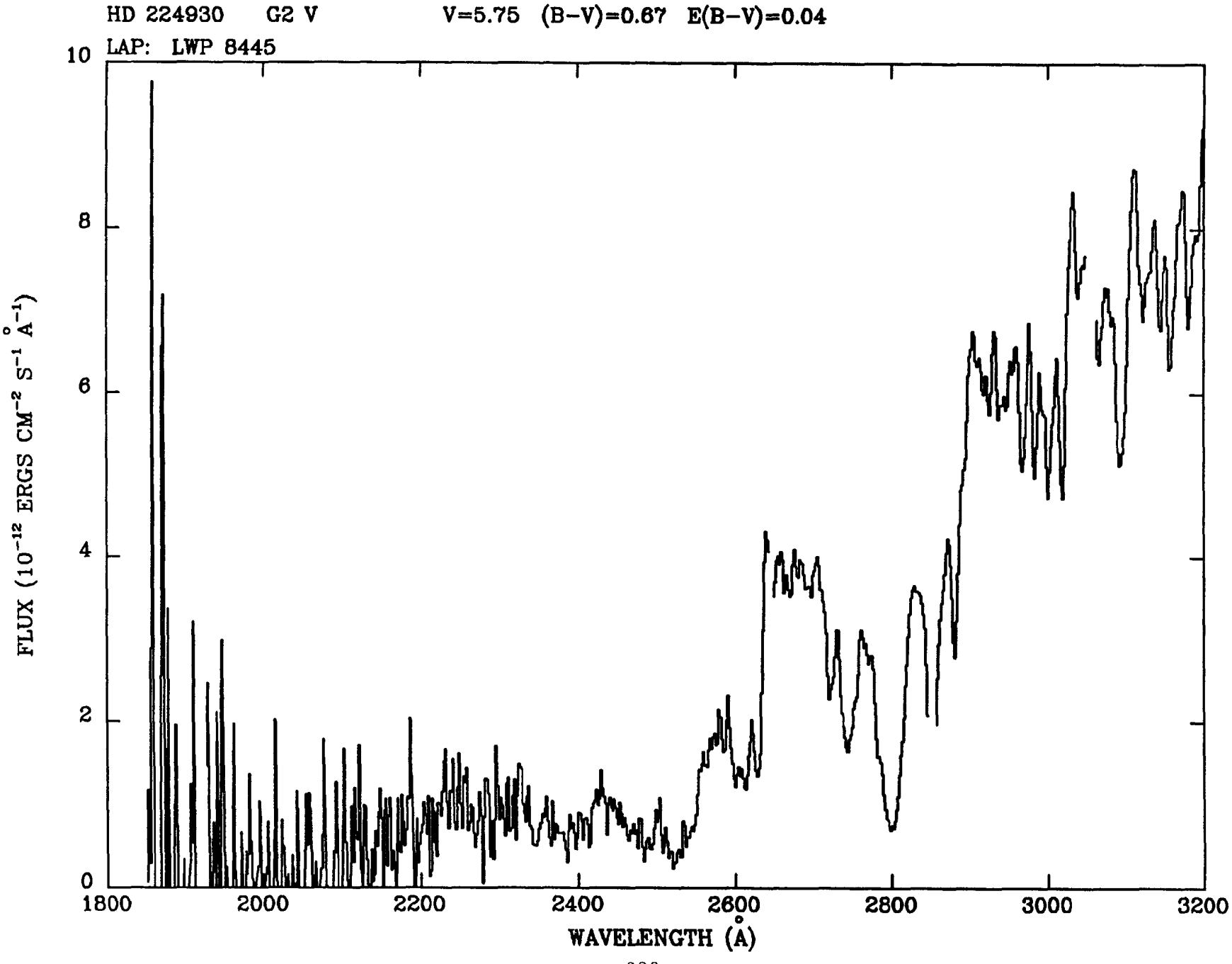
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.26E-13 | 2078 | 4.52E-13 | 2180 | 2.11E-13 | 2282 | 2.78E-13 | 2384 | 9.02E-14 | 2486 | 2.13E-13 | 2588 | 5.63E-13 | 2690 | 1.15E-12 | 2792 | 5.63E-13 | 2894 | 2.26E-12 | 2996 | 2.47E-12 | 3098 | 2.73E-12 |
| 1978 | 2.53E-13 | 2080 | 6.85E-14 | 2182 | 1.07E-13 | 2284 | 2.66E-13 | 2386 | 7.54E-14 | 2488 | 2.40E-13 | 2590 | 6.07E-13 | 2692 | 1.13E-12 | 2794 | 4.58E-13 | 2896 | 2.44E-12 | 2998 | 2.39E-12 | 3100 | 2.78E-12 |
| 1980 | -2.65E-13 | 2082 | -1.45E-14 | 2184 | 1.17E-13 | 2286 | 2.16E-13 | 2388 | 1.90E-13 | 2490 | 1.93E-13 | 2592 | 6.07E-13 | 2694 | 1.14E-12 | 2796 | 3.67E-13 | 2898 | | 3000 | 2.24E-12 | 3102 | 3.03E-12 |
| 1982 | -2.16E-13 | 2084 | -1.07E-14 | 2186 | 1.96E-13 | 2288 | 4.75E-14 | 2390 | 2.14E-13 | 2492 | 1.26E-13 | 2594 | 5.58E-13 | 2696 | 1.13E-12 | 2798 | 3.28E-13 | 2900 | | 3002 | 2.10E-12 | 3104 | 3.46E-12 |
| 1984 | 4.74E-14 | 2086 | 2.67E-13 | 2188 | 4.26E-13 | 2290 | 1.43E-13 | 2392 | 1.93E-13 | 2494 | 1.52E-13 | 2596 | 5.05E-13 | 2698 | 1.08E-12 | 2800 | 3.51E-13 | 2902 | | 3004 | 2.08E-12 | 3106 | 3.98E-12 |
| 1986 | 5.57E-14 | 2088 | 2.81E-14 | 2190 | 1.03E-13 | 2292 | 1.65E-13 | 2394 | 2.29E-13 | 2496 | 3.03E-13 | 2598 | 4.55E-13 | 2700 | 1.16E-12 | 2802 | 3.58E-13 | 2904 | | 3006 | 2.26E-12 | 3108 | 4.24E-12 |
| 1988 | -2.18E-13 | 2090 | -2.96E-13 | 2192 | -2.54E-13 | 2294 | 4.02E-13 | 2396 | 3.13E-13 | 2498 | 3.74E-13 | 2600 | 3.63E-13 | 2702 | 1.23E-12 | 2804 | 3.71E-13 | 2906 | | 3008 | 2.34E-12 | 3110 | 4.27E-12 |
| 1990 | 6.53E-14 | 2092 | 2.77E-13 | 2194 | 2.13E-14 | 2296 | 5.45E-13 | 2398 | 1.99E-13 | 2500 | 2.63E-13 | 2602 | 3.29E-13 | 2704 | 1.30E-12 | 2806 | 4.06E-13 | 2908 | 3.15E-12 | 3010 | 2.44E-12 | 3112 | 4.17E-12 |
| 1992 | 2.61E-13 | 2094 | 2.17E-13 | 2196 | 2.75E-13 | 2298 | 1.36E-13 | 2400 | 2.04E-13 | 2502 | 3.16E-13 | 2604 | 4.09E-13 | 2706 | 1.35E-12 | 2808 | 4.99E-13 | 2910 | 3.12E-12 | 3012 | 2.65E-12 | 3114 | 4.07E-12 |
| 1994 | 1.10E-13 | 2096 | -6.18E-14 | 2198 | 2.44E-14 | 2300 | 2.47E-14 | 2402 | 2.43E-13 | 2504 | 4.00E-13 | 2606 | 4.42E-13 | 2708 | 1.31E-12 | 2810 | 6.54E-13 | 2912 | 3.04E-12 | 3014 | 2.64E-12 | 3116 | 3.92E-12 |
| 1996 | 3.00E-13 | 2098 | 3.40E-13 | 2200 | 1.23E-13 | 2302 | 3.00E-13 | 2404 | 2.77E-13 | 2506 | 2.49E-13 | 2608 | 4.31E-13 | 2710 | 1.23E-12 | 2812 | 7.83E-13 | 2914 | 3.07E-12 | 3016 | 2.45E-12 | 3118 | 3.78E-12 |
| 1998 | -5.16E-14 | 2100 | 2.36E-13 | 2202 | 3.51E-13 | 2304 | 2.71E-13 | 2406 | 1.35E-13 | 2508 | 1.63E-13 | 2610 | 4.14E-13 | 2712 | 1.19E-12 | 2814 | 9.31E-13 | 2916 | 3.06E-12 | 3018 | 2.28E-12 | 3120 | 3.72E-12 |
| 2000 | 1.61E-13 | 2102 | 2.36E-13 | 2204 | 5.01E-13 | 2306 | 1.15E-13 | 2408 | 2.21E-13 | 2510 | 2.24E-13 | 2612 | 3.76E-13 | 2714 | 1.19E-12 | 2816 | 1.10E-12 | 2918 | 2.92E-12 | 3020 | 2.17E-12 | 3122 | 3.70E-12 |
| 2002 | -5.38E-15 | 2104 | 3.02E-13 | 2206 | 4.38E-13 | 2308 | 2.06E-13 | 2410 | 2.46E-13 | 2512 | 2.78E-13 | 2614 | 3.88E-13 | 2716 | 1.12E-12 | 2818 | 1.23E-12 | 2920 | 2.81E-12 | 3022 | 2.21E-12 | 3124 | 3.81E-12 |
| 2004 | -1.00E-14 | 2106 | 1.68E-14 | 2208 | 1.30E-13 | 2310 | 3.28E-13 | 2412 | 2.13E-13 | 2514 | 2.48E-13 | 2616 | 4.00E-13 | 2718 | 1.03E-12 | 2820 | 1.32E-12 | 2922 | 2.75E-12 | 3024 | 2.44E-12 | 3126 | 3.89E-12 |
| 2006 | 4.94E-13 | 2108 | -2.50E-13 | 2210 | 1.17E-13 | 2312 | 2.28E-13 | 2414 | 1.95E-13 | 2516 | 2.24E-13 | 2618 | 4.15E-13 | 2720 | 9.35E-13 | 2822 | 1.38E-12 | 2924 | 2.61E-12 | 3026 | 2.79E-12 | 3128 | 3.97E-12 |
| 2008 | -3.84E-13 | 2110 | -2.16E-14 | 2212 | -5.98E-14 | 2314 | 1.27E-13 | 2416 | 2.30E-13 | 2518 | 1.83E-13 | 2620 | 4.79E-13 | 2722 | 8.70E-13 | 2824 | 1.47E-12 | 2926 | 2.53E-12 | 3028 | 3.11E-12 | 3130 | 4.01E-12 |
| 2010 | -9.88E-14 | 2112 | 5.04E-13 | 2214 | -6.26E-14 | 2316 | 9.53E-14 | 2418 | 3.16E-13 | 2520 | 1.41E-13 | 2622 | 5.31E-13 | 2724 | 8.50E-13 | 2826 | 1.54E-12 | 2928 | 2.54E-12 | 3030 | 3.42E-12 | 3132 | 4.00E-12 |
| 2012 | -5.50E-14 | 2114 | 1.53E-13 | 2216 | 5.65E-14 | 2318 | 1.86E-13 | 2420 | 3.41E-13 | 2522 | 1.73E-13 | 2624 | 5.75E-13 | 2726 | 9.06E-13 | 2828 | 1.60E-12 | 2930 | 2.68E-12 | 3032 | 3.58E-12 | 3134 | 3.95E-12 |
| 2014 | 5.43E-13 | 2116 | 2.57E-13 | 2218 | 2.86E-13 | 2320 | 4.52E-14 | 2422 | 3.38E-13 | 2524 | 1.65E-13 | 2626 | 5.90E-13 | 2728 | 1.01E-12 | 2830 | 1.59E-12 | 2932 | 2.94E-12 | 3034 | 3.58E-12 | 3136 | 4.01E-12 |
| 2016 | 7.39E-13 | 2118 | 5.44E-13 | 2220 | 1.71E-13 | 2322 | 2.16E-13 | 2424 | 2.91E-13 | 2526 | 2.20E-13 | 2628 | 4.86E-13 | 2730 | 1.07E-12 | 2832 | 1.58E-12 | 2934 | 2.94E-12 | 3036 | 3.46E-12 | 3138 | 4.08E-12 |
| 2018 | -1.30E-13 | 2120 | 3.74E-13 | 2222 | 2.29E-13 | 2324 | 4.30E-13 | 2426 | 2.83E-13 | 2528 | 2.18E-13 | 2630 | 4.70E-13 | 2732 | 1.14E-12 | 2834 | 1.56E-12 | 2936 | 2.70E-12 | 3038 | 3.30E-12 | 3140 | 4.05E-12 |
| 2020 | -9.19E-14 | 2122 | 8.16E-13 | 2224 | 2.64E-13 | 2326 | 4.39E-13 | 2428 | 3.03E-13 | 2530 | 1.92E-13 | 2632 | 5.11E-13 | 2734 | 1.14E-12 | 2836 | 1.57E-12 | 2938 | 2.59E-12 | 3040 | 3.23E-12 | 3142 | 3.88E-12 |
| 2022 | 3.08E-13 | 2124 | | 2226 | 1.18E-13 | 2328 | 3.88E-13 | 2430 | 2.30E-13 | 2532 | 2.21E-13 | 2634 | 6.03E-13 | 2736 | 1.02E-12 | 2838 | 1.52E-12 | 2940 | 2.56E-12 | 3042 | 3.26E-12 | 3144 | 3.66E-12 |
| 2024 | 1.15E-13 | 2126 | | 2228 | 8.52E-14 | 2330 | 2.72E-13 | 2432 | 2.06E-13 | 2534 | 2.90E-13 | 2636 | 7.48E-13 | 2738 | 8.90E-13 | 2840 | 1.56E-12 | 2942 | 2.62E-12 | 3044 | 3.30E-12 | 3146 | 3.61E-12 |
| 2026 | -2.57E-13 | 2128 | | 2230 | 3.18E-13 | 2332 | 1.74E-13 | 2434 | 2.77E-13 | 2536 | 2.34E-13 | 2638 | 9.81E-13 | 2740 | 7.72E-13 | 2842 | 1.51E-12 | 2944 | 2.79E-12 | 3046 | 3.43E-12 | 3148 | 3.72E-12 |
| 2028 | -3.61E-14 | 2130 | 4.15E-13 | 2232 | 4.75E-13 | 2334 | 2.01E-13 | 2436 | 2.05E-13 | 2538 | 2.09E-13 | 2640 | 1.14E-12 | 2742 | 7.10E-13 | 2844 | 1.39E-12 | 2946 | 2.80E-12 | 3048 | 3.51E-12 | 3150 | 3.87E-12 |
| 2030 | 4.99E-13 | 2132 | 6.76E-14 | 2234 | 2.99E-14 | 2336 | 2.72E-13 | 2438 | 2.97E-13 | 2540 | 2.25E-13 | 2642 | 1.22E-12 | 2744 | 6.82E-13 | 2846 | 1.27E-12 | 2948 | 2.74E-12 | 3050 | 3.53E-12 | 3152 | 3.92E-12 |
| 2032 | -1.57E-14 | 2134 | -1.51E-13 | 2236 | 1.61E-14 | 2338 | 2.27E-13 | 2440 | 2.79E-13 | 2542 | 2.57E-13 | 2644 | 1.25E-12 | 2746 | 7.05E-13 | 2848 | | 2950 | 2.80E-12 | 3052 | | 3154 | 3.58E-12 |
| 2034 | -2.53E-13 | 2136 | 5.94E-15 | 2238 | 3.04E-13 | 2340 | 1.49E-13 | 2442 | 2.83E-13 | 2544 | 3.09E-13 | 2646 | 1.25E-12 | 2748 | 7.27E-13 | 2850 | | 2952 | 2.88E-12 | 3054 | | 3156 | 3.28E-12 |
| 2036 | 4.69E-13 | 2138 | 4.06E-13 | 2240 | 3.52E-13 | 2342 | 4.35E-14 | 2444 | 3.13E-13 | 2546 | 2.48E-13 | 2648 | 1.11E-12 | 2750 | 7.36E-13 | 2852 | | 2954 | 2.93E-12 | 3056 | | 3158 | 3.18E-12 |
| 2038 | 2.52E-13 | 2140 | 3.37E-13 | 2242 | 4.57E-13 | 2344 | 8.17E-14 | 2446 | 3.36E-13 | 2548 | 2.72E-13 | 2650 | 1.05E-12 | 2752 | 7.58E-13 | 2854 | | 2956 | 2.91E-12 | 3058 | | 3160 | 3.23E-12 |
| 2040 | -3.38E-13 | 2142 | 2.52E-13 | 2244 | 1.78E-13 | 2346 | 2.08E-13 | 2448 | 2.68E-13 | 2550 | 2.57E-13 | 2652 | 1.09E-12 | 2754 | 8.33E-13 | 2856 | 7.94E-13 | 2958 | 2.86E-12 | 3060 | | 3162 | 3.46E-12 |
| 2042 | -1.99E-13 | 2144 | 1.06E-13 | 2246 | 1.56E-13 | 2348 | -3.89E-14 | 2450 | 1.78E-13 | 2552 | 2.65E-13 | 2654 | 1.17E-12 | 2756 | 8.77E-13 | 2858 | 9.52E-13 | 2960 | 2.88E-12 | 3062 | 2.96E-12 | 3164 | 3.87E-12 |
| 2044 | 5.31E-14 | 2146 | 2.76E-13 | 2248 | 3.47E-13 | 2350 | 9.59E-14 | 2452 | 1.94E-13 | 2554 | 3.67E-13 | 2656 | 1.26E-12 | 2758 | 9.57E-13 | 2860 | 1.21E-12 | 2962 | 2.90E-12 | 3064 | 2.97E-12 | 3166 | 4.25E-12 |
| 2046 | -2.55E-13 | 2148 | 5.52E-13 | 2250 | 2.99E-13 | 2352 | 2.13E-13 | 2454 | 2.12E-13 | 2556 | 3.54E-13 | 2658 | 1.34E-12 | 2760 | 1.09E-12 | 2862 | 1.44E-12 | 2964 | 2.78E-12 | 3066 | 3.05E-12 | 3168 | 4.45E-12 |
| 2048 | -2.06E-13 | 2150 | 2.62E-13 | 2252 | 1.04E-13 | 2354 | 1.90E-13 | 2456 | 1.70E-13 | 2558 | 3.47E-13 | 2660 | 1.34E-12 | 2762 | 1.20E-12 | 2864 | 1.57E-12 | 2966 | 2.54E-12 | 3068 | 3.13E-12 | 3170 | 4.56E-12 |
| 2050 | -1.42E-13 | 2152 | 1.32E-13 | 2254 | 1.68E-13 | 2356 | 1.66E-13 | 2458 | 2.37E-13 | 2560 | 3.40E-13 | 2662 | 1.26E-12 | 2764 | 1.20E-12 | 2866 | 1.74E-12 | 2968 | 2.39E-12 | 3070 | 3.29E-12 | 3172 | 4.63E-12 |
| 2052 | -8.49E-14 | 2154 | 4.03E-13 | 2256 | 3.26E-13 | 2358 | 1.95E-13 | 2460 | 1.97E-13 | 2562 | 3.57E-13 | 2664 | 1.21E-12 | 2766 | 1.19E-12 | 2868 | 1.88E-12 | 2970 | 2.35E-12 | 3072 | 3.44E-12 | 3174 | 4.54E-12 |
| 2054 | 2.42E-13 | 2156 | 3.36E-13 | 2258 | 4.26E-13 | 2360 | 2.36E-13 | 2462 | 1.33E-13 | 2564 | 3.94E-13 | 2666 | 1.19E-12 | 2768 | 1.23E-12 | 2870 | 1.84E-12 | 2972 | 2.44E-12 | 3074 | 3.52E-12 | 3176 | 4.20E-12 |
| 2056 | 3.85E-13 | 2158 | 1.57E-13 | 2260 | 1.56E-13 | 2362 | 2.18E-13 | 2464 | 1.07E-13 | 2566 | 4.10E-13 | 2668 | 1.15E-12 | 2770 | 1.21E-12 | 2872 | 1.91E-12 | 2974 | 2.70E-12 | 3076 | 3.50E-12 | 3178 | 3.91E-12 |
| 2058 | 1.65E-13 | 2160 | 4.53E-13 | 2262 | 1.47E-13 | 2364 | 9.01E-14 | 2466 | 2.28E-13 | 2568 | 4.97E-13 | 2670 | 1.16E-12 | 2772 | 1.20E-12 | 2874 | 1.95E-12 | 2976 | 3.00E-12 | 3078 | 3.47E-12 | 3180 | 3.62E-12 |
| 2060 | -9.84E-14 | 2162 | 3.04E-13 | 2264 | 8.94E-14 | 2366 | 1.78E-13 | 2468 | 2.28E-13 | 2570 | 5.62E-13 | 2672 | 1.22E-12 | 2774 | 1.22E-12 | 2876 | 1.85E-12 | 2978 | 3.16E-12 | 3080 | 3.47E-12 | 3182 | 3.47E-12 |
| 2062 | -1.72E-13 | 2164 | -1.16E-13 | 2266 | 2.47E-13 | 2368 | 3.39E-13 | 2470 | 2.56E-13 | 2572 | 5.61E-13 | 2674 | 1.26E-12 | 2776 | 1.23E-12 | 2878 | 1.65E-12 | 2980 | 2.98E-12 | 3082 | 3.50E-12 | 3184 | 3.61E-12 |
| 2064 | -2.56E-13 | 2166 | 8.57E-15 | 2268 | 1.76E-13 | 2370 | 1.89E-13 | 2472 | 2.29E-13 | 2574 | 5.77E-13 | 2676 | 1.24E-12 | 2778 | 1.14E-12 | 2880 | 1.41E-12 | 2982 | 2.49E-12 | 3084 | 3.50E-12 | 3186 | 3.85E-12 |
| 2066 | 1.64E-13 | 2168 | -1.09E-13 | 2270 | 1.24E-13 | 2372 | 1.16E-13 | 2474 | 2.10E-13 | 2576 | 5.78E-13 | 2678 | 1.21E-12 | 2780 | 9.65E-13 | 2882 | 1.32E-12 | 2984 | 2.14E-12 | 3086 | 3.44E-12 | 3188 | 4.15E-12 |
| 2068 | -1.77E-13 | 2170 | -1.20E-13 | 2272 | 4.12E-14 | 2374 | 1.36E-13 | 2476 | 1.95E-13 | 2578 | 5.07E-13 | 2680 | 1.18E-12 | 2782 | 8.46E-13 | 2884 | 1.44E-12 | 2986 | 2.13E-12 | 3088 | 3.24E-12 | 3190 | 4.35E-12 |
| 2070 | -1.37E-13 | 2172 | 2.01E-13 | 2274 | 1.14E-13 | 2376 | 1.94E-13 | 2478 | 3.16E-13 | 2580 | 6.16E-13 | 2682 | 1.15E-12 | 2784 | 8.50E-13 | 2886 | 1.73E-12 | 2988 | 2.39E-12 | 3090 | 3.09E-12 | 3192 | 4.27E-12 |
| 2072 | -1.42E-13 | 2174 | 1.70E-13 | 2276 | 2.92E-13 | 2378 | 1.55E-13 | 2480 | 3.03E-13 | 2582 | 6.26E-13 | 2684 | 1.14E-12 | 2786 | 8.30E-13 | 2888 | 1.98E-12 | 2990 | 2.75E-12 | 3092 | 2.84E-12 | 3194 | 4.16E-12 |
| 2074 | -6.23E-14 | 2176 | 1.66E-13 | 2278 | 1.37E-13 | 2380 | 1.99E-13 | 2482 | 1.90E-13 | 2584 | 6.47E-13 | 2686 | 1.19E-12 | 2788 | 7.89E-13 | 2890 | 2.11E-12 | 2992 | 2.83E-12 | 3094 | 2.72E-12 | 3196 | 4.36E-12 |
| 2076 | 5.68E-13 | 2178 | 1.77E-13 | 2280 | 1.12E-13 | 2382 | 1.17E-13 | 2484 | 2.01E-13 | 2586 | 6.22E-13 | 2688 | 1.19E-12 | 2790 | 6.78E-13 | 2892 | 2.22E-12 | 2994 | 2.62E-12 | 3096 | 2.76E-12 | 3198 | 4.58E-12 |


HD 186427 G2 V V=6.20 (B-V)=0.66 E(B-V)=-0.02
LAP: LWP 15358
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 224930 G2 V V=5.75 (B-V)=0.67 E(B-V)=0.04**

**LAP: LWP 8445**

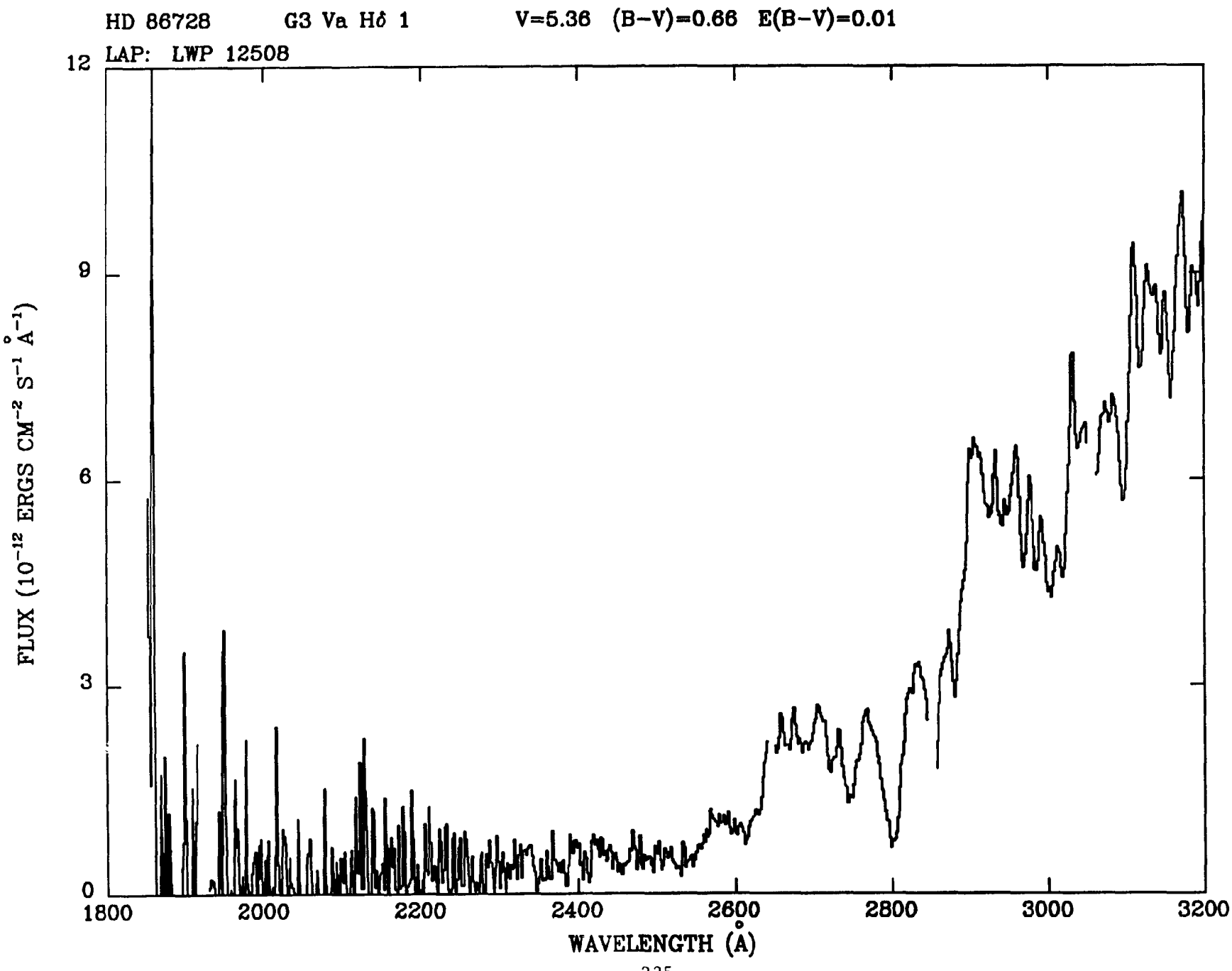
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.32E-13 | 2078 | 8.82E-13 | 2180 | 5.19E-13 | 2282 | 1.13E-12 | 2384 | 4.39E-13 | 2486 | 5.37E-13 | 2588 | 1.78E-12 | 2690 | 3.65E-12 | 2792 | 9.10E-13 | 2894 | 5.20E-12 | 2996 | 5.74E-12 | 3098 | 5.50E-12 |
| 1978 | 2.58E-13 | 2080 | -8.18E-16 | 2182 | 7.59E-13 | 2284 | 1.30E-12 | 2386 | 4.04E-13 | 2488 | 5.95E-13 | 2590 | 2.13E-12 | 2692 | 3.62E-12 | 2794 | 8.36E-13 | 2896 | 5.67E-12 | 2998 | 5.39E-12 | 3100 | 5.87E-12 |
| 1980 | 3.31E-13 | 2082 | -9.38E-14 | 2184 | 1.09E-12 | 2286 | 1.18E-12 | 2388 | 7.46E-13 | 2490 | 4.92E-13 | 2592 | 2.16E-12 | 2694 | 3.64E-12 | 2796 | 7.82E-13 | 2898 | 6.25E-12 | 3000 | 4.86E-12 | 3102 | 6.56E-12 |
| 1982 | 1.12E-12 | 2084 | -3.17E-13 | 2186 | 1.31E-12 | 2288 | 5.29E-13 | 2390 | 8.23E-13 | 2492 | 4.71E-13 | 2594 | 1.82E-12 | 2696 | 3.64E-12 | 2798 | 7.24E-13 | 2900 | 6.48E-12 | 3002 | 4.95E-12 | 3104 | 7.35E-12 |
| 1984 | 6.80E-13 | 2086 | -6.76E-13 | 2188 | 1.79E-12 | 2290 | 7.43E-13 | 2392 | 7.49E-13 | 2494 | 5.42E-13 | 2596 | 1.58E-12 | 2698 | 3.56E-12 | 2800 | 7.43E-13 | 2902 | 6.60E-12 | 3004 | 5.28E-12 | 3106 | 7.93E-12 |
| 1986 | 1.56E-13 | 2088 | 1.97E-13 | 2190 | 7.18E-13 | 2292 | 3.75E-13 | 2394 | 7.26E-13 | 2496 | 7.46E-13 | 2598 | 1.39E-12 | 2700 | 3.79E-12 | 2802 | 7.37E-13 | 2904 | 6.75E-12 | 3006 | 5.59E-12 | 3108 | 8.40E-12 |
| 1988 | -7.48E-14 | 2090 | 4.24E-13 | 2192 | -1.41E-13 | 2294 | 8.68E-13 | 2396 | 5.62E-13 | 2498 | 9.22E-13 | 2600 | 1.25E-12 | 2702 | 3.86E-12 | 2804 | 7.98E-13 | 2906 | 6.60E-12 | 3008 | 5.82E-12 | 3110 | 8.68E-12 |
| 1990 | 1.71E-14 | 2092 | 1.23E-12 | 2194 | 4.39E-13 | 2296 | 1.66E-12 | 2398 | 5.61E-13 | 2500 | 8.11E-13 | 2602 | 1.33E-12 | 2704 | 3.95E-12 | 2806 | 9.30E-13 | 2908 | 6.38E-12 | 3010 | 6.21E-12 | 3112 | 8.72E-12 |
| 1992 | 2.14E-13 | 2094 | 6.21E-13 | 2196 | 5.17E-13 | 2298 | 1.16E-12 | 2400 | 8.17E-13 | 2502 | 9.20E-13 | 2604 | 1.44E-12 | 2706 | 3.96E-12 | 2808 | 1.09E-12 | 2910 | 6.35E-12 | 3012 | 6.39E-12 | 3114 | 8.43E-12 |
| 1994 | 4.56E-13 | 2096 | -8.20E-13 | 2198 | 4.51E-13 | 2300 | 8.87E-13 | 2402 | 8.99E-13 | 2504 | 9.29E-13 | 2606 | 1.36E-12 | 2708 | 3.77E-12 | 2810 | 1.37E-12 | 2912 | 6.41E-12 | 3014 | 5.90E-12 | 3116 | 7.80E-12 |
| 1996 | 7.22E-13 | 2098 | -2.27E-13 | 2200 | 6.31E-13 | 2302 | 1.06E-12 | 2404 | 8.18E-13 | 2506 | 5.59E-13 | 2608 | 1.43E-12 | 2710 | 3.60E-12 | 2812 | 1.62E-12 | 2914 | 6.33E-12 | 3016 | 5.30E-12 | 3118 | 7.41E-12 |
| 1998 | -1.98E-13 | 2100 | 1.98E-13 | 2202 | 7.40E-13 | 2304 | 9.39E-13 | 2406 | 6.03E-13 | 2508 | 4.62E-13 | 2610 | 1.32E-12 | 2712 | 3.52E-12 | 2814 | 1.82E-12 | 2916 | 6.12E-12 | 3018 | 4.85E-12 | 3120 | 7.24E-12 |
| 2000 | -3.84E-13 | 2102 | 1.18E-12 | 2204 | 9.88E-13 | 2306 | 7.41E-13 | 2408 | 8.21E-13 | 2510 | 6.25E-13 | 2612 | 1.21E-12 | 2714 | 3.38E-12 | 2816 | 2.16E-12 | 2918 | 6.01E-12 | 3020 | 4.86E-12 | 3122 | 6.94E-12 |
| 2002 | 9.29E-14 | 2104 | 1.22E-12 | 2206 | 8.94E-13 | 2308 | 9.44E-13 | 2410 | 8.36E-13 | 2512 | 6.31E-13 | 2614 | 1.23E-12 | 2716 | 3.14E-12 | 2818 | 2.52E-12 | 2920 | 6.19E-12 | 3022 | 5.50E-12 | 3124 | 7.06E-12 |
| 2004 | 2.41E-13 | 2106 | 3.39E-13 | 2208 | 6.74E-13 | 2310 | 1.29E-12 | 2412 | 7.26E-13 | 2514 | 4.38E-13 | 2616 | 1.42E-12 | 2718 | 2.67E-12 | 2820 | 2.82E-12 | 2922 | 6.22E-12 | 3024 | 6.48E-12 | 3126 | 7.37E-12 |
| 2006 | 7.67E-13 | 2108 | -2.58E-13 | 2210 | 1.00E-12 | 2312 | 9.09E-13 | 2414 | 5.04E-13 | 2516 | 4.23E-13 | 2618 | 1.65E-12 | 2720 | 2.32E-12 | 2822 | 3.16E-12 | 2924 | 5.93E-12 | 3026 | 7.29E-12 | 3128 | 7.43E-12 |
| 2008 | -1.24E-12 | 2110 | -3.16E-14 | 2212 | 1.49E-13 | 2314 | 7.06E-13 | 2416 | 6.60E-13 | 2518 | 4.40E-13 | 2620 | 1.86E-12 | 2722 | 2.39E-12 | 2824 | 3.41E-12 | 2926 | 5.77E-12 | 3028 | 7.75E-12 | 3130 | 7.48E-12 |
| 2010 | -2.27E-13 | 2112 | 7.46E-13 | 2214 | 4.21E-13 | 2316 | 1.01E-12 | 2418 | 9.79E-13 | 2520 | 2.67E-13 | 2622 | 1.95E-12 | 2724 | 2.47E-12 | 2826 | 3.56E-12 | 2928 | 6.08E-12 | 3030 | 8.14E-12 | 3132 | 7.56E-12 |
| 2012 | -1.61E-13 | 2114 | 4.75E-13 | 2216 | 1.03E-12 | 2318 | 1.28E-12 | 2420 | 1.03E-12 | 2522 | 2.97E-13 | 2624 | 1.75E-12 | 2726 | 2.57E-12 | 2828 | 3.64E-12 | 2930 | 6.56E-12 | 3032 | 8.41E-12 | 3134 | 7.84E-12 |
| 2014 | 1.03E-12 | 2116 | 1.02E-12 | 2218 | 7.87E-13 | 2320 | 6.57E-13 | 2422 | 1.11E-12 | 2524 | 3.23E-13 | 2626 | 1.51E-12 | 2728 | 2.84E-12 | 2830 | 3.61E-12 | 2932 | 6.75E-12 | 3034 | 8.30E-12 | 3136 | 8.07E-12 |
| 2016 | 1.34E-12 | 2118 | 7.53E-13 | 2220 | 4.72E-13 | 2322 | 1.10E-12 | 2424 | 1.08E-12 | 2526 | 4.40E-13 | 2628 | 1.37E-12 | 2730 | 3.11E-12 | 2832 | 3.58E-12 | 2934 | 6.47E-12 | 3036 | 7.82E-12 | 3138 | 7.96E-12 |
| 2018 | -3.37E-13 | 2120 | 5.86E-13 | 2222 | 7.03E-13 | 2324 | 1.48E-12 | 2426 | 1.04E-12 | 2528 | 4.47E-13 | 2630 | 1.42E-12 | 2732 | 3.01E-12 | 2834 | 3.57E-12 | 2936 | 5.91E-12 | 3038 | 7.27E-12 | 3140 | 7.51E-12 |
| 2020 | -9.22E-13 | 2122 | 1.64E-12 | 2224 | 1.02E-12 | 2326 | 1.45E-12 | 2428 | 1.29E-12 | 2530 | 3.73E-13 | 2632 | 1.58E-12 | 2734 | 2.61E-12 | 2836 | 3.54E-12 | 2938 | 5.77E-12 | 3040 | 7.18E-12 | 3142 | 7.02E-12 |
| 2022 | 4.95E-14 | 2124 | 1.83E-13 | 2226 | 9.18E-13 | 2328 | 1.33E-12 | 2430 | 1.25E-12 | 2532 | 5.22E-13 | 2634 | 2.24E-12 | 2736 | 2.23E-12 | 2838 | 3.44E-12 | 2940 | 5.86E-12 | 3042 | 7.39E-12 | 3144 | 6.80E-12 |
| 2024 | 6.28E-13 | 2126 | 1.76E-13 | 2228 | 1.07E-12 | 2330 | 9.77E-13 | 2432 | 1.12E-12 | 2534 | 7.79E-13 | 2636 | 3.04E-12 | 2738 | 2.03E-12 | 2840 | 3.29E-12 | 2942 | 5.86E-12 | 3044 | 7.54E-12 | 3146 | 7.05E-12 |
| 2026 | 3.47E-13 | 2128 | 9.92E-13 | 2230 | 1.43E-12 | 2332 | 8.67E-13 | 2434 | 1.04E-12 | 2536 | 6.40E-13 | 2638 | 3.92E-12 | 2740 | 1.87E-12 | 2842 | 3.07E-12 | 2944 | 5.93E-12 | 3046 | 7.56E-12 | 3148 | 7.43E-12 |
| 2028 | -6.70E-13 | 2130 | 7.90E-13 | 2232 | 1.64E-12 | 2334 | 9.37E-13 | 2436 | 6.62E-13 | 2538 | 5.64E-13 | 2640 | 4.30E-12 | 2742 | 1.74E-12 | 2844 | 2.55E-12 | 2946 | 5.85E-12 | 3048 | 7.59E-12 | 3150 | 7.66E-12 |
| 2030 | -6.19E-14 | 2132 | 2.30E-13 | 2234 | 1.10E-12 | 2336 | 1.16E-12 | 2438 | 1.02E-12 | 2540 | 6.11E-13 | 2642 | 4.19E-12 | 2744 | 1.66E-12 | 2846 | 2.08E-12 | 2948 | 5.84E-12 | 3050 | 7.68E-12 | 3152 | 7.56E-12 |
| 2032 | -3.09E-13 | 2134 | -1.85E-13 | 2236 | 7.63E-13 | 2338 | 9.64E-13 | 2440 | 1.07E-12 | 2542 | 6.61E-13 | 2644 | 4.07E-12 | 2746 | 1.76E-12 | 2848 | | 2950 | 6.20E-12 | 3052 | | 3154 | 6.86E-12 |
| 2034 | -4.18E-13 | 2136 | 6.71E-15 | 2238 | 1.17E-12 | 2340 | 7.26E-13 | 2442 | 9.63E-13 | 2544 | 7.28E-13 | 2646 | | 2748 | 1.84E-12 | 2850 | | 2952 | 6.40E-12 | 3054 | | 3156 | 6.31E-12 |
| 2036 | 3.87E-13 | 2138 | 2.46E-13 | 2240 | 1.21E-12 | 2342 | 5.91E-13 | 2444 | 9.68E-13 | 2546 | 7.00E-13 | 2648 | 3.52E-12 | 2750 | 1.93E-12 | 2852 | | 2954 | 6.25E-12 | 3056 | | 3158 | 6.40E-12 |
| 2038 | 8.58E-14 | 2140 | 1.26E-13 | 2242 | 1.36E-12 | 2344 | 5.18E-13 | 2446 | 1.03E-12 | 2548 | 7.52E-13 | 2650 | 3.60E-12 | 2752 | 2.16E-12 | 2854 | | 2956 | 6.33E-12 | 3058 | | 3160 | 6.79E-12 |
| 2040 | -6.46E-13 | 2142 | 5.25E-13 | 2244 | 7.60E-13 | 2346 | 5.10E-13 | 2448 | 9.18E-13 | 2550 | 8.71E-13 | 2652 | 3.82E-12 | 2754 | 2.26E-12 | 2856 | 1.98E-12 | 2958 | 6.56E-12 | 3060 | | 3162 | 7.08E-12 |
| 2042 | 3.33E-13 | 2144 | 5.47E-13 | 2246 | 8.78E-13 | 2348 | 5.62E-13 | 2450 | 8.13E-13 | 2552 | 1.13E-12 | 2654 | 3.99E-12 | 2756 | 2.35E-12 | 2858 | 2.34E-12 | 2960 | 6.53E-12 | 3062 | 6.90E-12 | 3164 | 7.34E-12 |
| 2044 | 6.73E-13 | 2146 | 8.50E-13 | 2248 | 1.39E-12 | 2350 | 7.11E-13 | 2452 | 9.12E-13 | 2554 | 1.42E-12 | 2656 | 3.95E-12 | 2758 | 2.68E-12 | 2860 | 2.84E-12 | 2962 | 6.18E-12 | 3064 | 6.52E-12 | 3166 | 7.83E-12 |
| 2046 | -4.73E-13 | 2148 | 1.16E-12 | 2250 | 1.31E-12 | 2352 | 7.87E-13 | 2454 | 9.51E-13 | 2556 | 1.43E-12 | 2658 | 4.02E-12 | 2760 | 3.04E-12 | 2862 | 3.18E-12 | 2964 | 5.53E-12 | 3066 | 6.38E-12 | 3168 | 8.08E-12 |
| 2048 | -3.09E-13 | 2150 | 8.13E-13 | 2252 | 8.48E-13 | 2354 | 8.88E-13 | 2456 | 7.97E-13 | 2558 | 1.54E-12 | 2660 | 3.99E-12 | 2762 | 3.08E-12 | 2864 | 3.41E-12 | 2966 | 5.11E-12 | 3068 | 6.67E-12 | 3170 | 8.18E-12 |
| 2050 | -2.22E-13 | 2152 | 1.04E-13 | 2254 | 1.09E-12 | 2356 | 8.71E-13 | 2458 | 8.18E-13 | 2560 | 1.59E-12 | 2662 | 3.62E-12 | 2764 | 2.98E-12 | 2866 | 3.60E-12 | 2968 | 5.15E-12 | 3070 | 6.85E-12 | 3172 | 8.39E-12 |
| 2052 | 9.08E-14 | 2154 | 9.59E-13 | 2256 | 1.29E-12 | 2358 | 9.91E-13 | 2460 | 7.80E-13 | 2562 | 1.48E-12 | 2664 | 3.70E-12 | 2766 | 2.93E-12 | 2868 | 3.81E-12 | 2970 | 5.37E-12 | 3072 | 7.16E-12 | 3174 | 8.45E-12 |
| 2054 | 8.88E-13 | 2156 | 8.70E-13 | 2258 | 1.40E-12 | 2360 | 9.93E-13 | 2462 | 6.56E-13 | 2564 | 1.47E-12 | 2666 | 3.77E-12 | 2768 | 2.88E-12 | 2870 | 4.08E-12 | 2972 | 5.74E-12 | 3074 | 7.27E-12 | 3176 | 8.01E-12 |
| 2056 | 7.00E-13 | 2158 | 4.44E-13 | 2260 | 8.44E-13 | 2362 | 7.26E-13 | 2464 | 5.83E-13 | 2566 | 1.56E-12 | 2668 | 3.59E-12 | 2770 | 2.75E-12 | 2872 | 4.21E-12 | 2974 | 6.25E-12 | 3076 | 7.22E-12 | 3178 | 7.30E-12 |
| 2058 | 9.80E-13 | 2160 | 9.41E-13 | 2262 | 7.77E-13 | 2364 | 5.64E-13 | 2466 | 6.99E-13 | 2568 | 1.74E-12 | 2670 | 3.53E-12 | 2772 | 2.75E-12 | 2874 | 4.09E-12 | 2976 | 6.77E-12 | 3078 | 7.19E-12 | 3180 | 6.84E-12 |
| 2060 | 9.67E-13 | 2162 | 6.90E-13 | 2264 | 9.91E-13 | 2366 | 8.03E-13 | 2468 | 6.71E-13 | 2570 | 1.72E-12 | 2672 | 3.64E-12 | 2774 | 2.79E-12 | 2876 | 3.76E-12 | 2978 | 6.58E-12 | 3080 | 6.93E-12 | 3182 | 6.95E-12 |
| 2062 | -1.27E-13 | 2164 | 3.31E-13 | 2266 | 9.49E-13 | 2368 | 7.69E-13 | 2470 | 7.56E-13 | 2572 | 1.77E-12 | 2674 | 3.97E-12 | 2776 | 2.68E-12 | 2878 | 3.29E-12 | 2980 | 5.87E-12 | 3082 | 6.89E-12 | 3184 | 7.36E-12 |
| 2064 | -6.85E-13 | 2166 | 3.72E-13 | 2268 | 6.34E-13 | 2370 | 7.04E-13 | 2472 | 6.64E-13 | 2574 | 1.85E-12 | 2676 | 4.02E-12 | 2778 | 2.30E-12 | 2880 | 2.89E-12 | 2982 | 5.15E-12 | 3084 | 6.90E-12 | 3186 | 7.72E-12 |
| 2066 | 2.62E-13 | 2168 | -1.57E-14 | 2270 | 5.18E-13 | 2372 | 7.51E-13 | 2474 | 6.29E-13 | 2576 | 1.74E-12 | 2678 | 3.84E-12 | 2780 | 1.82E-12 | 2882 | 3.03E-12 | 2984 | 5.02E-12 | 3086 | 6.55E-12 | 3188 | 7.86E-12 |
| 2068 | -2.00E-13 | 2170 | 6.96E-13 | 2272 | 6.81E-13 | 2374 | 6.76E-13 | 2476 | 6.03E-13 | 2578 | 1.74E-12 | 2680 | 3.76E-12 | 2782 | 1.58E-12 | 2884 | 3.57E-12 | 2986 | 5.41E-12 | 3088 | 5.89E-12 | 3190 | 7.92E-12 |
| 2070 | -3.02E-13 | 2172 | 6.80E-13 | 2274 | 9.28E-13 | 2376 | 6.59E-13 | 2478 | 8.31E-13 | 2580 | 2.12E-12 | 2682 | 3.87E-12 | 2784 | 1.58E-12 | 2886 | 4.19E-12 | 2988 | 5.90E-12 | 3090 | 5.38E-12 | 3192 | 7.90E-12 |
| 2072 | 1.47E-13 | 2174 | 4.55E-13 | 2276 | 1.04E-12 | 2378 | 6.61E-13 | 2480 | 6.61E-13 | 2582 | 2.04E-12 | 2684 | 3.95E-12 | 2786 | 1.48E-12 | 2888 | 4.72E-12 | 2990 | 6.22E-12 | 3092 | 5.15E-12 | 3194 | 8.18E-12 |
| 2074 | 3.77E-13 | 2176 | 1.02E-12 | 2278 | 5.07E-13 | 2380 | 6.63E-13 | 2482 | 3.99E-13 | 2584 | 1.77E-12 | 2686 | 3.93E-12 | 2788 | 1.31E-12 | 2890 | 4.88E-12 | 2992 | 6.00E-12 | 3094 | 5.14E-12 | 3196 | 8.79E-12 |
| 2076 | 1.16E-12 | 2178 | 8.16E-13 | 2280 | 4.95E-13 | 2382 | 5.61E-13 | 2484 | 4.22E-13 | 2586 | 1.65E-12 | 2688 | 3.82E-12 | 2790 | 1.07E-12 | 2892 | 5.05E-12 | 2994 | 5.78E-12 | 3096 | 5.28E-12 | 3198 | 9.16E-12 |


HD 224930 G2 V V=5.75 (B-V)=0.67 E(B-V)=0.04
LAP: LWP 8445
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

HD 86728 G3 Va Hδ 1 V=5.36 (B-V)=0.66 E(B-V)=0.01

LAP: LWP 12508

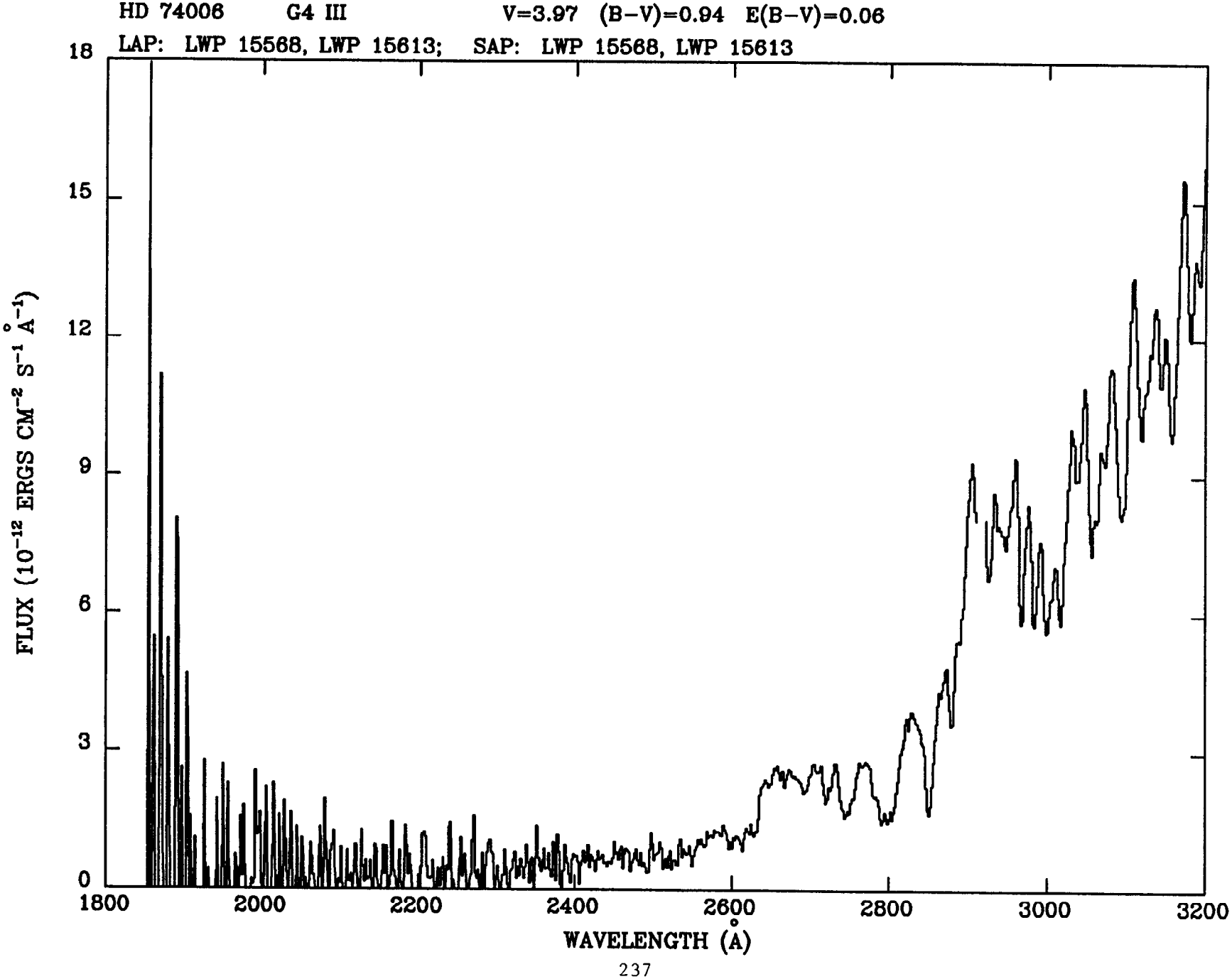
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.15E-12 | 2078 | 8.19E-13 | 2180 | 3.70E-14 | 2282 | 3.58E-13 | 2384 | 1.15E-13 | 2486 | 5.01E-13 | 2588 | 1.02E-12 | 2690 | 2.17E-12 | 2792 | 1.13E-12 | 2894 | 4.66E-12 | 2996 | 4.97E-12 | 3098 | 5.72E-12 |
| 1978 | 8.86E-13 | 2080 | -3.99E-13 | 2182 | 1.17E-13 | 2284 | 4.52E-13 | 2386 | 1.86E-13 | 2488 | 4.92E-13 | 2590 | 1.12E-12 | 2692 | 2.15E-12 | 2794 | 1.05E-12 | 2896 | 5.10E-12 | 2998 | 4.66E-12 | 3100 | 5.88E-12 |
| 1980 | -5.10E-13 | 2082 | -8.53E-13 | 2184 | 1.69E-13 | 2286 | 6.76E-13 | 2388 | 5.39E-13 | 2490 | 5.26E-13 | 2592 | 1.08E-12 | 2694 | 2.07E-12 | 2796 | 9.08E-13 | 2898 | 6.00E-12 | 3000 | 4.40E-12 | 3102 | 6.32E-12 |
| 1982 | -1.65E-13 | 2084 | -1.88E-13 | 2186 | 5.30E-13 | 2288 | 5.22E-13 | 2390 | 7.91E-13 | 2492 | 5.21E-13 | 2594 | 9.08E-13 | 2696 | 2.15E-12 | 2798 | 7.21E-13 | 2900 | 6.42E-12 | 3002 | 4.40E-12 | 3104 | 7.05E-12 |
| 1984 | 2.67E-13 | 2086 | 5.29E-13 | 2188 | 1.25E-12 | 2290 | 4.56E-13 | 2392 | 6.40E-13 | 2494 | 4.14E-13 | 2596 | 8.85E-13 | 2698 | 2.20E-12 | 2800 | 7.36E-13 | 2902 | 6.31E-12 | 3004 | 4.31E-12 | 3106 | 7.84E-12 |
| 1986 | 4.49E-13 | 2088 | -7.58E-15 | 2190 | 3.38E-13 | 2292 | 1.52E-14 | 2394 | 6.71E-13 | 2496 | 3.42E-13 | 2598 | 1.00E-12 | 2700 | 2.32E-12 | 2802 | 7.66E-13 | 2904 | 6.43E-12 | 3006 | 4.41E-12 | 3108 | 8.76E-12 |
| 1988 | 5.76E-13 | 2090 | -6.41E-13 | 2192 | -9.29E-14 | 2294 | 4.25E-13 | 2396 | 7.63E-13 | 2498 | 6.71E-13 | 2600 | 9.38E-13 | 2702 | 2.46E-12 | 2804 | 7.82E-13 | 2906 | 6.57E-12 | 3008 | 4.63E-12 | 3110 | 9.38E-12 |
| 1990 | 4.38E-14 | 2092 | 4.09E-13 | 2194 | 3.45E-13 | 2296 | 7.97E-13 | 2398 | 6.97E-13 | 2500 | 6.22E-13 | 2602 | 8.51E-13 | 2704 | 2.57E-12 | 2806 | 8.64E-13 | 2908 | 6.48E-12 | 3010 | 4.80E-12 | 3112 | 9.24E-12 |
| 1992 | 3.01E-13 | 2094 | 2.51E-13 | 2196 | -6.85E-14 | 2298 | 4.14E-13 | 2400 | 6.99E-13 | 2502 | 6.26E-13 | 2604 | 9.35E-13 | 2706 | 2.69E-12 | 2808 | 1.07E-12 | 2910 | 6.40E-12 | 3012 | 5.00E-12 | 3114 | 8.83E-12 |
| 1994 | 7.27E-13 | 2096 | -3.71E-13 | 2198 | -1.00E-13 | 2300 | 1.39E-13 | 2402 | 4.88E-13 | 2504 | 6.54E-13 | 2606 | 9.97E-13 | 2708 | 2.64E-12 | 2810 | 1.52E-12 | 2912 | 6.35E-12 | 3014 | 4.96E-12 | 3116 | 8.18E-12 |
| 1996 | 4.06E-13 | 2098 | 4.64E-13 | 2200 | -1.51E-13 | 2302 | 3.95E-13 | 2404 | 4.42E-13 | 2506 | 4.26E-13 | 2608 | 9.57E-13 | 2710 | 2.56E-12 | 2812 | 1.86E-12 | 2914 | 6.32E-12 | 3016 | 4.87E-12 | 3118 | 7.70E-12 |
| 1998 | -5.61E-13 | 2100 | 2.14E-13 | 2202 | 2.09E-13 | 2304 | 5.23E-13 | 2406 | 2.21E-13 | 2508 | 3.69E-13 | 2610 | 8.74E-13 | 2712 | 2.50E-12 | 2814 | 2.01E-12 | 2916 | 6.13E-12 | 3018 | 4.66E-12 | 3120 | 7.65E-12 |
| 2000 | 3.02E-14 | 2102 | 3.20E-13 | 2204 | 9.04E-13 | 2306 | 2.03E-13 | 2408 | 5.72E-13 | 2510 | 5.32E-13 | 2612 | 7.16E-13 | 2714 | 2.47E-12 | 2816 | 2.28E-12 | 2918 | 5.87E-12 | 3020 | 4.61E-12 | 3122 | 7.84E-12 |
| 2002 | -2.81E-13 | 2104 | 3.41E-13 | 2206 | 3.74E-13 | 2308 | 2.14E-13 | 2410 | 4.88E-13 | 2512 | 6.14E-13 | 2614 | 7.84E-13 | 2716 | 2.31E-12 | 2818 | 2.64E-12 | 2920 | 5.65E-12 | 3022 | 4.89E-12 | 3124 | 8.45E-12 |
| 2004 | 6.56E-13 | 2106 | -2.71E-13 | 2208 | 3.25E-13 | 2310 | 4.29E-13 | 2412 | 2.71E-13 | 2514 | 5.41E-13 | 2616 | 8.55E-13 | 2718 | 2.03E-12 | 2820 | 2.83E-12 | 2922 | 5.63E-12 | 3024 | 5.47E-12 | 3126 | 8.87E-12 |
| 2006 | 1.58E-13 | 2108 | -2.92E-13 | 2210 | 1.19E-12 | 2312 | 2.85E-13 | 2414 | 1.81E-13 | 2516 | 5.73E-13 | 2618 | 9.88E-13 | 2720 | 1.81E-12 | 2822 | 2.91E-12 | 2924 | 5.60E-12 | 3026 | 6.02E-12 | 3128 | 9.09E-12 |
| 2008 | -1.06E-12 | 2110 | 3.39E-13 | 2212 | 6.55E-13 | 2314 | 3.56E-13 | 2416 | 3.97E-13 | 2518 | 6.44E-13 | 2620 | 1.04E-12 | 2722 | 1.75E-12 | 2824 | 2.93E-12 | 2926 | 5.45E-12 | 3028 | 6.54E-12 | 3130 | 8.97E-12 |
| 2010 | 3.75E-14 | 2112 | 4.36E-13 | 2214 | 2.45E-13 | 2316 | 3.72E-13 | 2418 | 7.90E-13 | 2520 | 5.13E-13 | 2622 | 1.08E-12 | 2724 | 1.90E-12 | 2826 | 2.90E-12 | 2928 | 5.51E-12 | 3030 | 7.44E-12 | 3132 | 8.78E-12 |
| 2012 | -1.53E-13 | 2114 | -4.26E-13 | 2216 | 4.01E-13 | 2318 | 7.16E-13 | 2420 | 7.86E-13 | 2522 | 4.54E-13 | 2624 | 1.11E-12 | 2726 | 1.95E-12 | 2828 | 3.07E-12 | 2930 | 5.74E-12 | 3032 | 7.83E-12 | 3134 | 8.69E-12 |
| 2014 | 1.13E-12 | 2116 | 9.77E-13 | 2218 | 3.22E-13 | 2320 | 5.67E-13 | 2422 | 7.46E-13 | 2524 | 4.25E-13 | 2626 | 1.16E-12 | 2728 | 1.98E-12 | 2830 | 3.26E-12 | 2932 | 6.17E-12 | 3034 | 7.27E-12 | 3136 | 8.71E-12 |
| 2016 | 1.71E-12 | 2118 | 7.36E-13 | 2220 | 3.33E-14 | 2322 | 2.46E-13 | 2424 | 7.08E-13 | 2526 | 3.63E-13 | 2628 | 1.16E-12 | 2730 | 2.16E-12 | 2832 | 3.28E-12 | 2934 | 6.27E-12 | 3036 | 6.72E-12 | 3138 | 8.80E-12 |
| 2018 | 2.77E-13 | 2120 | 3.14E-13 | 2222 | 3.99E-13 | 2324 | 5.83E-13 | 2426 | 5.80E-13 | 2528 | 3.83E-13 | 2630 | 1.14E-12 | 2732 | 2.34E-12 | 2834 | 3.32E-12 | 2936 | 5.82E-12 | 3038 | 6.46E-12 | 3140 | 8.67E-12 |
| 2020 | -7.69E-14 | 2122 | 1.80E-12 | 2224 | 8.36E-13 | 2326 | 6.38E-13 | 2428 | 7.10E-13 | 2530 | 3.34E-13 | 2632 | 1.19E-12 | 2734 | 2.25E-12 | 2836 | 3.27E-12 | 2938 | 5.50E-12 | 3040 | 6.46E-12 | 3142 | 8.29E-12 |
| 2022 | 4.15E-13 | 2124 | 8.13E-14 | 2226 | 3.73E-13 | 2328 | 3.26E-13 | 2430 | 7.92E-13 | 2532 | 4.21E-13 | 2634 | 1.35E-12 | 2736 | 1.96E-12 | 2838 | 3.12E-12 | 2940 | 5.39E-12 | 3042 | 6.56E-12 | 3144 | 7.92E-12 |
| 2024 | 8.80E-13 | 2126 | 5.11E-13 | 2228 | 2.90E-13 | 2330 | 6.21E-13 | 2432 | 6.03E-13 | 2534 | 7.05E-13 | 2636 | 1.64E-12 | 2738 | 1.74E-12 | 2840 | 3.06E-12 | 2942 | 5.33E-12 | 3044 | 6.69E-12 | 3146 | 7.87E-12 |
| 2026 | 7.85E-13 | 2128 | 2.05E-12 | 2230 | 8.11E-13 | 2332 | 6.08E-13 | 2434 | 6.06E-13 | 2536 | 5.35E-13 | 2638 | 1.87E-12 | 2740 | 1.60E-12 | 2842 | 2.91E-12 | 2944 | 5.56E-12 | 3046 | 6.75E-12 | 3148 | 8.45E-12 |
| 2028 | 1.01E-13 | 2130 | 1.00E-12 | 2232 | 1.00E-12 | 2334 | 6.01E-13 | 2436 | 4.81E-13 | 2538 | 4.19E-13 | 2640 | 2.03E-12 | 2742 | 1.53E-12 | 2844 | 2.71E-12 | 2946 | 5.63E-12 | 3048 | 6.79E-12 | 3150 | 8.70E-12 |
| 2030 | -1.62E-13 | 2132 | -2.53E-13 | 2234 | 1.61E-13 | 2336 | 6.71E-13 | 2438 | 6.44E-13 | 2540 | 4.68E-13 | 2642 | 2.18E-12 | 2744 | 1.37E-12 | 2846 | 2.49E-12 | 2948 | 5.51E-12 | 3050 | 6.70E-12 | 3152 | 8.44E-12 |
| 2032 | 4.24E-13 | 2134 | -4.38E-13 | 2236 | -9.05E-14 | 2338 | 6.95E-13 | 2440 | 6.77E-13 | 2542 | 5.12E-13 | 2644 | | 2746 | 1.38E-12 | 2848 | | 2950 | 5.53E-12 | 3052 | 6.52E-12 | 3154 | 8.01E-12 |
| 2034 | 1.82E-13 | 2136 | 4.25E-13 | 2238 | 1.57E-13 | 2340 | 6.10E-13 | 2442 | 5.52E-13 | 2544 | 5.49E-13 | 2646 | | 2748 | 1.38E-12 | 2850 | | 2952 | 5.74E-12 | 3054 | | 3156 | 7.50E-12 |
| 2036 | 9.95E-14 | 2138 | 1.21E-12 | 2240 | 8.17E-13 | 2342 | 4.51E-13 | 2444 | 3.98E-13 | 2546 | 4.20E-13 | 2648 | | 2750 | 1.38E-12 | 2852 | | 2954 | 5.92E-12 | 3056 | | 3158 | 7.23E-12 |
| 2038 | -7.16E-14 | 2140 | 4.76E-13 | 2242 | 6.63E-13 | 2344 | 3.41E-13 | 2446 | 5.39E-13 | 2548 | 4.65E-13 | 2650 | 2.11E-12 | 2752 | 1.56E-12 | 2854 | | 2956 | 6.13E-12 | 3058 | | 3160 | 7.55E-12 |
| 2040 | -6.42E-13 | 2142 | 2.66E-13 | 2244 | 8.53E-14 | 2346 | 9.76E-14 | 2448 | 5.38E-13 | 2550 | 5.79E-13 | 2652 | 2.07E-12 | 2754 | 1.81E-12 | 2856 | 1.79E-12 | 2958 | 6.42E-12 | 3060 | | 3162 | 7.94E-12 |
| 2042 | -9.41E-15 | 2144 | -3.38E-16 | 2246 | 3.70E-13 | 2348 | 1.29E-13 | 2450 | 4.02E-13 | 2552 | 6.80E-13 | 2654 | 2.05E-12 | 2756 | 1.91E-12 | 2858 | 2.05E-12 | 2960 | 6.44E-12 | 3062 | 6.05E-12 | 3164 | 8.37E-12 |
| 2044 | 5.74E-13 | 2146 | 2.18E-13 | 2248 | 7.35E-13 | 2350 | 2.42E-13 | 2452 | 3.80E-13 | 2554 | 6.99E-13 | 2656 | 2.18E-12 | 2758 | 1.93E-12 | 2860 | 2.59E-12 | 2962 | 6.11E-12 | 3064 | 6.09E-12 | 3166 | 8.99E-12 |
| 2046 | -5.68E-13 | 2148 | 3.11E-13 | 2250 | 4.63E-13 | 2352 | 4.87E-13 | 2454 | 3.64E-13 | 2556 | 6.57E-13 | 2658 | 2.47E-12 | 2760 | 2.04E-12 | 2862 | 3.05E-12 | 2964 | 5.52E-12 | 3066 | 6.33E-12 | 3168 | 9.45E-12 |
| 2048 | -3.41E-13 | 2150 | 4.18E-13 | 2252 | 1.20E-13 | 2354 | 1.99E-13 | 2456 | 2.93E-13 | 2558 | 7.54E-13 | 2660 | 2.54E-12 | 2762 | 2.26E-12 | 2864 | 3.21E-12 | 2966 | 5.02E-12 | 3068 | 6.73E-12 | 3170 | 9.84E-12 |
| 2050 | -5.30E-13 | 2152 | 1.94E-13 | 2254 | 5.84E-13 | 2356 | 2.21E-13 | 2458 | 3.91E-13 | 2560 | 8.18E-13 | 2662 | 2.34E-12 | 2764 | 2.50E-12 | 2866 | 3.32E-12 | 2968 | 4.75E-12 | 3070 | 6.92E-12 | 3172 | 1.01E-11 |
| 2052 | -6.27E-13 | 2154 | 1.27E-12 | 2256 | 8.22E-13 | 2358 | 3.05E-13 | 2460 | 4.10E-13 | 2562 | 8.08E-13 | 2664 | 2.14E-12 | 2766 | 2.58E-12 | 2868 | 3.41E-12 | 2970 | 4.83E-12 | 3072 | 6.97E-12 | 3174 | 9.90E-12 |
| 2054 | 2.53E-13 | 2156 | 4.09E-13 | 2258 | 6.00E-13 | 2360 | 5.42E-13 | 2462 | 4.38E-13 | 2564 | 8.75E-13 | 2666 | 2.13E-12 | 2768 | 2.63E-12 | 2870 | 3.46E-12 | 2972 | 5.09E-12 | 3074 | 7.09E-12 | 3176 | 9.37E-12 |
| 2056 | 5.75E-13 | 2158 | -1.45E-13 | 2260 | 8.07E-14 | 2362 | 3.26E-13 | 2464 | 4.59E-13 | 2566 | 8.41E-13 | 2668 | 2.12E-12 | 2770 | 2.53E-12 | 2872 | 3.58E-12 | 2974 | 5.56E-12 | 3076 | 7.00E-12 | 3178 | 8.60E-12 |
| 2058 | 7.35E-13 | 2160 | 7.23E-13 | 2262 | 1.61E-13 | 2364 | 2.17E-13 | 2466 | 6.42E-13 | 2568 | 1.05E-12 | 2670 | 2.08E-12 | 2772 | 2.43E-12 | 2874 | 3.75E-12 | 2976 | 5.97E-12 | 3078 | 6.92E-12 | 3180 | 8.17E-12 |
| 2060 | 4.20E-13 | 2162 | 6.23E-13 | 2264 | 5.21E-13 | 2366 | 5.93E-13 | 2468 | 6.47E-13 | 2570 | 1.16E-12 | 2672 | 2.28E-12 | 2774 | 2.36E-12 | 2876 | 3.51E-12 | 2978 | 5.94E-12 | 3080 | 6.88E-12 | 3182 | 8.17E-12 |
| 2062 | -6.46E-13 | 2164 | 5.30E-13 | 2266 | 1.77E-13 | 2368 | 6.58E-13 | 2470 | 8.70E-13 | 2572 | 1.09E-12 | 2674 | 2.55E-12 | 2776 | 2.28E-12 | 2878 | 3.22E-12 | 2980 | 5.45E-12 | 3082 | 7.08E-12 | 3184 | 8.70E-12 |
| 2064 | -6.74E-13 | 2166 | 3.39E-13 | 2268 | 1.48E-15 | 2370 | 4.83E-13 | 2472 | 6.67E-13 | 2574 | 1.05E-12 | 2676 | 2.58E-12 | 2778 | 2.25E-12 | 2880 | 2.95E-12 | 2982 | 5.01E-12 | 3084 | 7.20E-12 | 3186 | 9.08E-12 |
| 2066 | 1.77E-13 | 2168 | 4.13E-14 | 2270 | 1.62E-13 | 2372 | 4.37E-13 | 2474 | 5.41E-13 | 2576 | 1.02E-12 | 2678 | 2.35E-12 | 2780 | 2.18E-12 | 2882 | 2.96E-12 | 2984 | 4.68E-12 | 3086 | 7.11E-12 | 3188 | 9.00E-12 |
| 2068 | 2.06E-13 | 2170 | 7.01E-13 | 2272 | 9.24E-14 | 2374 | 3.42E-13 | 2476 | 4.27E-13 | 2578 | 9.70E-13 | 2680 | 2.20E-12 | 2782 | 1.96E-12 | 2884 | 3.30E-12 | 2986 | 4.69E-12 | 3088 | 6.96E-12 | 3190 | 8.89E-12 |
| 2070 | -4.83E-13 | 2172 | 3.07E-13 | 2274 | 1.39E-13 | 2376 | 4.30E-13 | 2478 | 6.89E-13 | 2580 | 1.12E-12 | 2682 | 2.18E-12 | 2784 | 1.83E-12 | 2886 | 3.68E-12 | 2988 | 4.91E-12 | 3090 | 6.74E-12 | 3192 | 8.62E-12 |
| 2072 | -3.50E-13 | 2174 | 1.08E-13 | 2276 | 5.74E-13 | 2378 | 3.13E-13 | 2480 | 6.15E-13 | 2582 | 1.01E-12 | 2684 | 2.17E-12 | 2786 | 1.61E-12 | 2888 | 4.11E-12 | 2990 | 5.29E-12 | 3092 | 6.32E-12 | 3194 | 8.65E-12 |
| 2074 | -5.08E-13 | 2176 | 1.08E-12 | 2278 | 5.81E-15 | 2380 | 4.72E-13 | 2482 | 3.76E-13 | 2584 | 1.04E-12 | 2686 | 2.07E-12 | 2788 | 1.45E-12 | 2890 | 4.35E-12 | 2992 | 5.43E-12 | 3094 | 5.94E-12 | 3196 | 9.12E-12 |
| 2076 | 6.20E-13 | 2178 | 9.12E-13 | 2280 | -2.97E-13 | 2382 | 2.84E-13 | 2484 | 4.84E-13 | 2586 | 1.09E-12 | 2688 | 2.11E-12 | 2790 | 1.28E-12 | 2892 | 4.50E-12 | 2994 | 5.25E-12 | 3096 | 5.70E-12 | 3198 | 9.58E-12 |


HD 86728 G3 Va Hδ 1 V=5.36 (B−V)=0.66 E(B−V)=0.01
LAP: LWP 12508
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
12
9
6
3
0
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 74006 G4 III V=3.97 (B-V)=0.94 E(B-V)=0.06

LAP: LWP 15568, LWP 15613; SAP: LWP 15568, LWP 15613

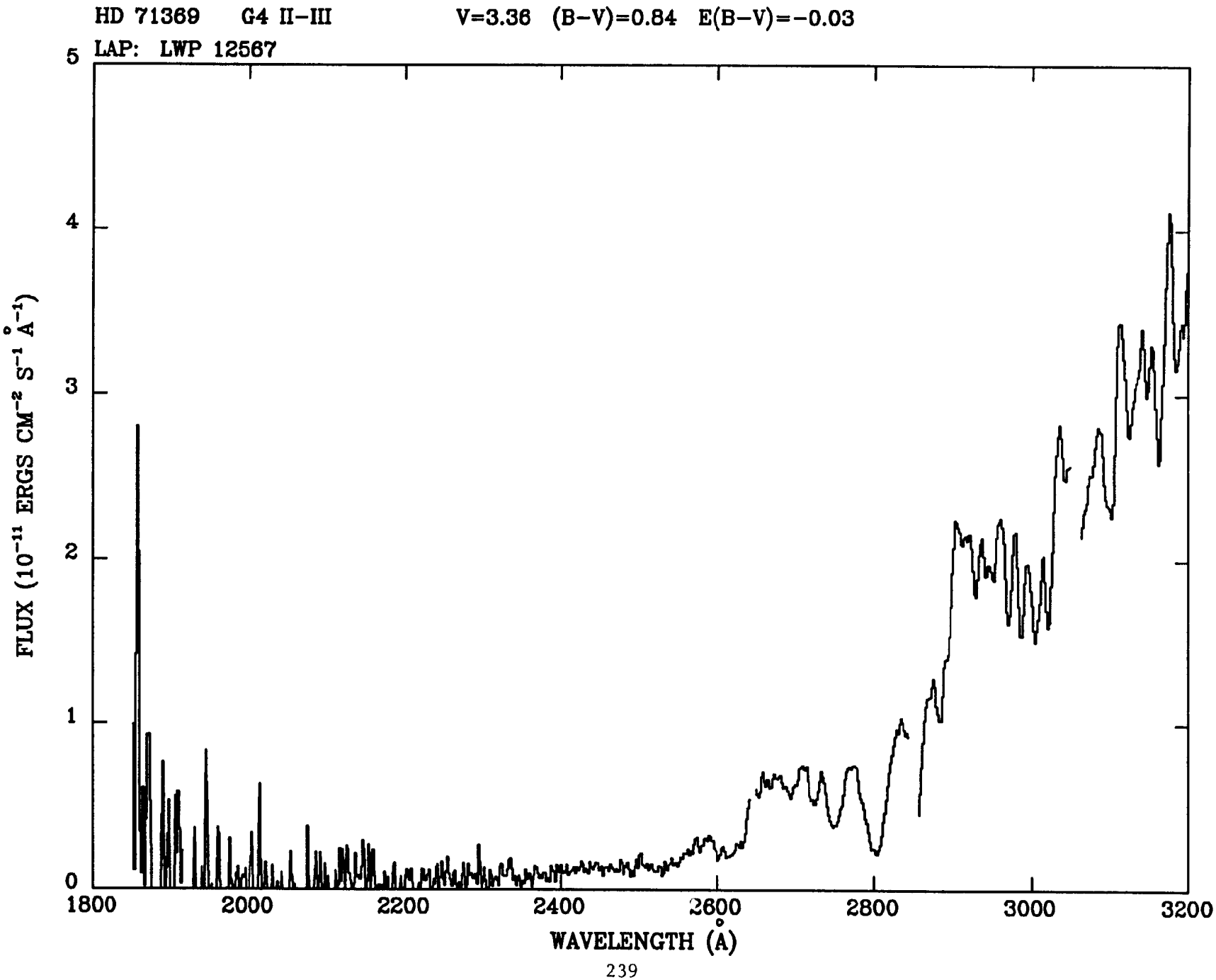
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.19E-12 | 2078 | 1.22E-13 | 2180 | 2.01E-14 | 2282 | 6.21E-13 | 2384 | 8.82E-14 | 2486 | 5.87E-13 | 2588 | 1.26E-12 | 2690 | 2.27E-12 | 2792 | 1.49E-12 | 2894 | 6.18E-12 | 2996 | 6.17E-12 | 3098 | 8.48E-12 |
| 1978 | 9.60E-13 | 2080 | 1.28E-12 | 2182 | -3.74E-14 | 2284 | 2.47E-13 | 2386 | 5.37E-13 | 2488 | 5.71E-13 | 2590 | 1.37E-12 | 2692 | 2.13E-12 | 2794 | 1.61E-12 | 2896 | 6.91E-12 | 2998 | 5.72E-12 | 3100 | 9.42E-12 |
| 1980 | -5.10E-13 | 2082 | 1.33E-12 | 2184 | 1.27E-12 | 2286 | 3.90E-13 | 2388 | 8.65E-13 | 2490 | 5.07E-13 | 2592 | 1.27E-12 | 2694 | 2.16E-12 | 2796 | 1.63E-12 | 2898 | 7.61E-12 | 3000 | 5.64E-12 | 3102 | 1.07E-11 |
| 1982 | -5.09E-13 | 2084 | 2.82E-13 | 2186 | 7.54E-13 | 2288 | 7.59E-13 | 2390 | 6.45E-13 | 2492 | 3.77E-13 | 2594 | 1.15E-12 | 2696 | 2.20E-12 | 2798 | 1.51E-12 | 2900 | 8.25E-12 | 3002 | 5.90E-12 | 3104 | 1.18E-11 |
| 1984 | -1.02E-12 | 2086 | 4.15E-14 | 2188 | 4.70E-13 | 2290 | 9.66E-13 | 2392 | 4.57E-13 | 2494 | 4.01E-13 | 2596 | 9.65E-13 | 2698 | 2.34E-12 | 2800 | 1.53E-12 | 2902 | 8.66E-12 | 3004 | 6.27E-12 | 3106 | 1.28E-11 |
| 1986 | 1.42E-13 | 2088 | 7.05E-13 | 2190 | 6.47E-13 | 2292 | 1.05E-12 | 2394 | 2.22E-13 | 2496 | 9.21E-13 | 2598 | 9.86E-13 | 2700 | 2.50E-12 | 2802 | 1.69E-12 | 2904 | 9.09E-12 | 3006 | 6.36E-12 | 3108 | 1.33E-11 |
| 1988 | 1.02E-13 | 2090 | 9.41E-13 | 2192 | 2.18E-14 | 2294 | 7.94E-13 | 2396 | 4.49E-13 | 2498 | 1.17E-12 | 2600 | 9.37E-13 | 2702 | 2.59E-12 | 2804 | 1.57E-12 | 2906 | 9.18E-12 | 3008 | 6.77E-12 | 3110 | 1.30E-11 |
| 1990 | 5.55E-13 | 2092 | 1.21E-12 | 2194 | -2.40E-13 | 2296 | 6.26E-13 | 2398 | 7.20E-13 | 2500 | 9.03E-13 | 2602 | 1.09E-12 | 2704 | 2.73E-12 | 2806 | 1.68E-12 | 2908 | 8.64E-12 | 3010 | 7.04E-12 | 3112 | 1.23E-11 |
| 1992 | 2.28E-12 | 2094 | 3.65E-13 | 2196 | -1.30E-13 | 2298 | -5.37E-14 | 2400 | 7.23E-13 | 2502 | 6.88E-13 | 2604 | 1.09E-12 | 2706 | 2.69E-12 | 2808 | 1.84E-12 | 2910 | 8.14E-12 | 3012 | 6.91E-12 | 3114 | 1.13E-11 |
| 1994 | 1.21E-12 | 2096 | -3.07E-13 | 2198 | -5.31E-13 | 2300 | 3.24E-13 | 2402 | 7.26E-13 | 2504 | 7.64E-13 | 2606 | 1.16E-12 | 2708 | 2.59E-12 | 2810 | 2.17E-12 | 2912 | 8.03E-12 | 3014 | 6.27E-12 | 3116 | 1.05E-11 |
| 1996 | 1.42E-12 | 2098 | 1.87E-13 | 2200 | -4.60E-13 | 2302 | 3.97E-13 | 2404 | 6.22E-13 | 2506 | 7.94E-13 | 2608 | 1.15E-12 | 2710 | 2.57E-12 | 2812 | 2.43E-12 | 2914 | | 3016 | 5.90E-12 | 3118 | 9.97E-12 |
| 1998 | 1.12E-12 | 2100 | 3.58E-13 | 2202 | -5.42E-14 | 2304 | -2.03E-14 | 2406 | 1.41E-13 | 2508 | 9.25E-13 | 2610 | 1.08E-12 | 2712 | 2.60E-12 | 2814 | 2.77E-12 | 2916 | | 3018 | 5.96E-12 | 3120 | 9.84E-12 |
| 2000 | 2.82E-14 | 2102 | 6.27E-13 | 2204 | 4.11E-13 | 2306 | -5.60E-14 | 2408 | 5.37E-13 | 2510 | 9.44E-13 | 2612 | 9.76E-13 | 2714 | 2.68E-12 | 2816 | 3.03E-12 | 2918 | | 3020 | 6.62E-12 | 3122 | 1.05E-11 |
| 2002 | -6.98E-15 | 2104 | -3.19E-13 | 2206 | 1.16E-12 | 2308 | 2.99E-13 | 2410 | 6.51E-13 | 2512 | 6.03E-13 | 2614 | 9.16E-13 | 2716 | 2.42E-12 | 2818 | 3.17E-12 | 2920 | | 3022 | 7.36E-12 | 3124 | 1.08E-11 |
| 2004 | 1.28E-12 | 2106 | -6.11E-13 | 2208 | 1.24E-12 | 2310 | 6.28E-13 | 2412 | 7.89E-13 | 2514 | 5.61E-13 | 2616 | 1.15E-12 | 2718 | 2.13E-12 | 2820 | 3.44E-12 | 2922 | 7.99E-12 | 3024 | 7.86E-12 | 3126 | 1.09E-11 |
| 2006 | 1.98E-12 | 2108 | 3.02E-13 | 2210 | 1.03E-12 | 2312 | 6.09E-13 | 2414 | 6.04E-13 | 2516 | 6.61E-13 | 2618 | 1.28E-12 | 2720 | 1.91E-12 | 2822 | 3.69E-12 | 2924 | 7.05E-12 | 3026 | 8.48E-12 | 3128 | 1.13E-11 |
| 2008 | -1.48E-12 | 2110 | 4.69E-13 | 2212 | 4.43E-13 | 2314 | 2.01E-13 | 2416 | 7.55E-13 | 2518 | 4.98E-13 | 2620 | 1.32E-12 | 2722 | 1.99E-12 | 2824 | 3.61E-12 | 2926 | 6.79E-12 | 3028 | 9.13E-12 | 3130 | 1.17E-11 |
| 2010 | -4.65E-13 | 2112 | 1.91E-13 | 2214 | 2.40E-13 | 2316 | 3.61E-14 | 2418 | 7.69E-13 | 2520 | 7.10E-13 | 2622 | 1.24E-12 | 2724 | 2.24E-12 | 2826 | 3.68E-12 | 2928 | 6.96E-12 | 3030 | 9.87E-12 | 3132 | 1.18E-11 |
| 2012 | -2.52E-13 | 2114 | 2.87E-13 | 2216 | 2.42E-13 | 2318 | 3.31E-13 | 2420 | 6.00E-13 | 2522 | 8.19E-13 | 2624 | 1.34E-12 | 2726 | 2.20E-12 | 2828 | 3.86E-12 | 2930 | 7.41E-12 | 3032 | 9.93E-12 | 3134 | 1.23E-11 |
| 2014 | 1.34E-12 | 2116 | -2.79E-14 | 2218 | 4.03E-13 | 2320 | 4.30E-13 | 2422 | 7.27E-13 | 2524 | 4.58E-13 | 2626 | 1.32E-12 | 2728 | 2.34E-12 | 2830 | 3.88E-12 | 2932 | 8.19E-12 | 3034 | 9.75E-12 | 3136 | 1.27E-11 |
| 2016 | 1.40E-12 | 2118 | 5.18E-13 | 2220 | 2.21E-13 | 2322 | 6.52E-13 | 2424 | 6.55E-13 | 2526 | 6.30E-13 | 2628 | 1.20E-12 | 2730 | 2.61E-12 | 2832 | 3.78E-12 | 2934 | 8.57E-12 | 3036 | 8.97E-12 | 3138 | 1.26E-11 |
| 2018 | -6.84E-13 | 2120 | 9.45E-13 | 2222 | -1.67E-13 | 2324 | 7.28E-13 | 2426 | 4.78E-13 | 2528 | 6.22E-13 | 2630 | 1.25E-12 | 2732 | 2.76E-12 | 2834 | 3.67E-12 | 2936 | 8.19E-12 | 3038 | 8.93E-12 | 3140 | 1.19E-11 |
| 2020 | -4.64E-13 | 2122 | 3.13E-13 | 2224 | 2.42E-13 | 2326 | 2.87E-13 | 2428 | 5.77E-13 | 2530 | 5.42E-13 | 2632 | 1.26E-12 | 2734 | 2.69E-12 | 2836 | 3.64E-12 | 2938 | 7.90E-12 | 3040 | 9.00E-12 | 3142 | 1.12E-11 |
| 2022 | 1.01E-12 | 2124 | -1.82E-13 | 2226 | 2.09E-13 | 2328 | 4.41E-13 | 2430 | 7.86E-13 | 2532 | 6.93E-13 | 2634 | 1.52E-12 | 2736 | 2.43E-12 | 2838 | 3.52E-12 | 2940 | 7.89E-12 | 3042 | 9.45E-12 | 3144 | 1.10E-11 |
| 2024 | 3.65E-13 | 2126 | 2.00E-13 | 2228 | 7.15E-14 | 2330 | 4.19E-13 | 2432 | 6.74E-13 | 2534 | 1.03E-12 | 2636 | 2.06E-12 | 2738 | 2.10E-12 | 2840 | 3.40E-12 | 2942 | 7.79E-12 | 3044 | 9.97E-12 | 3146 | 1.14E-11 |
| 2026 | -9.00E-13 | 2128 | 1.09E-12 | 2230 | 3.87E-13 | 2332 | 5.91E-13 | 2434 | 6.83E-13 | 2536 | 9.01E-13 | 2638 | 2.24E-12 | 2740 | 1.84E-12 | 2842 | 3.21E-12 | 2944 | 7.74E-12 | 3046 | 1.07E-11 | 3148 | 1.20E-11 |
| 2028 | 1.14E-12 | 2130 | 3.79E-13 | 2232 | 6.46E-13 | 2334 | 3.72E-13 | 2436 | 7.36E-13 | 2538 | 8.06E-13 | 2640 | 2.28E-12 | 2742 | 1.75E-12 | 2844 | 3.11E-12 | 2946 | 7.58E-12 | 3048 | 1.08E-11 | 3150 | 1.20E-11 |
| 2030 | 1.23E-12 | 2132 | 3.45E-13 | 2234 | -3.95E-13 | 2336 | 3.70E-13 | 2438 | 5.78E-13 | 2540 | 8.42E-13 | 2642 | 2.34E-12 | 2744 | 1.62E-12 | 2846 | 2.72E-12 | 2948 | 7.44E-12 | 3050 | 1.01E-11 | 3152 | 1.15E-11 |
| 2032 | 4.47E-13 | 2134 | 4.31E-13 | 2236 | 5.04E-13 | 2338 | 7.64E-13 | 2440 | 5.75E-13 | 2542 | 7.75E-13 | 2644 | 2.38E-12 | 2746 | 1.63E-12 | 2848 | 2.05E-12 | 2950 | 7.73E-12 | 3052 | 8.76E-12 | 3154 | 1.05E-11 |
| 2034 | -3.47E-13 | 2136 | 2.21E-13 | 2238 | 5.53E-13 | 2340 | 7.12E-13 | 2442 | 5.25E-13 | 2544 | 7.91E-13 | 2646 | 2.31E-12 | 2748 | 1.71E-12 | 2850 | 1.71E-12 | 2952 | 7.97E-12 | 3054 | 7.85E-12 | 3156 | 9.94E-12 |
| 2036 | 1.09E-12 | 2138 | 4.67E-13 | 2240 | 1.37E-12 | 2342 | 2.72E-13 | 2444 | 6.10E-13 | 2546 | 9.27E-13 | 2648 | 2.28E-12 | 2750 | 1.68E-12 | 2852 | 1.75E-12 | 2954 | 8.31E-12 | 3056 | 7.40E-12 | 3158 | 9.84E-12 |
| 2038 | 1.32E-12 | 2140 | 3.29E-13 | 2242 | 9.48E-13 | 2344 | 5.23E-13 | 2446 | 5.98E-13 | 2548 | 7.64E-13 | 2650 | 2.32E-12 | 2752 | 1.91E-12 | 2854 | 2.10E-12 | 2956 | 8.49E-12 | 3058 | 7.78E-12 | 3160 | 1.02E-11 |
| 2040 | -7.53E-13 | 2142 | -4.35E-13 | 2244 | -2.89E-13 | 2346 | 6.82E-13 | 2448 | 6.21E-13 | 2550 | 5.27E-13 | 2652 | 2.43E-12 | 2754 | 2.00E-12 | 2856 | 2.62E-12 | 2958 | 9.07E-12 | 3060 | 8.06E-12 | 3162 | 1.11E-11 |
| 2042 | -1.04E-12 | 2144 | 6.36E-13 | 2246 | 1.14E-13 | 2348 | -1.87E-13 | 2450 | 8.57E-13 | 2552 | 7.50E-13 | 2654 | 2.60E-12 | 2756 | 2.03E-12 | 2858 | 3.17E-12 | 2960 | 9.40E-12 | 3062 | 8.02E-12 | 3164 | 1.20E-11 |
| 2044 | 6.29E-13 | 2146 | 8.80E-13 | 2248 | -1.75E-13 | 2350 | 6.89E-13 | 2452 | 8.93E-13 | 2554 | 8.85E-13 | 2656 | 2.64E-12 | 2758 | 2.28E-12 | 2860 | 3.57E-12 | 2962 | 8.89E-12 | 3064 | 8.08E-12 | 3166 | 1.31E-11 |
| 2046 | 5.56E-13 | 2148 | 2.44E-13 | 2250 | -4.25E-13 | 2352 | 1.31E-12 | 2454 | 8.01E-13 | 2556 | 9.75E-13 | 2658 | 2.68E-12 | 2760 | 2.51E-12 | 2862 | 3.97E-12 | 2964 | 7.30E-12 | 3066 | 8.92E-12 | 3168 | 1.43E-11 |
| 2048 | -9.05E-13 | 2150 | -1.01E-13 | 2252 | 1.51E-13 | 2354 | 6.47E-13 | 2456 | 6.97E-13 | 2558 | 1.05E-12 | 2660 | 2.58E-12 | 2762 | 2.66E-12 | 2864 | 4.30E-12 | 2966 | 6.01E-12 | 3068 | 9.56E-12 | 3170 | 1.52E-11 |
| 2050 | 4.86E-14 | 2152 | -1.46E-13 | 2254 | 9.54E-13 | 2356 | 4.62E-13 | 2458 | 8.17E-13 | 2560 | 1.02E-12 | 2662 | 2.42E-12 | 2764 | 2.75E-12 | 2866 | 4.21E-12 | 2968 | 5.86E-12 | 3070 | 9.43E-12 | 3172 | 1.55E-11 |
| 2052 | 9.80E-13 | 2154 | 4.84E-13 | 2256 | 5.27E-13 | 2358 | 4.63E-13 | 2460 | 9.24E-13 | 2562 | 1.04E-12 | 2664 | 2.57E-12 | 2766 | 2.71E-12 | 2868 | 4.41E-12 | 2970 | 6.57E-12 | 3072 | 9.34E-12 | 3174 | 1.50E-11 |
| 2054 | 6.68E-14 | 2156 | 7.86E-13 | 2258 | 3.36E-13 | 2360 | 7.25E-13 | 2462 | 5.05E-13 | 2564 | 9.61E-13 | 2666 | 2.57E-12 | 2768 | 2.73E-12 | 2870 | 4.61E-12 | 2972 | 7.35E-12 | 3074 | 9.41E-12 | 3176 | 1.38E-11 |
| 2056 | 7.31E-14 | 2158 | 5.11E-13 | 2260 | 7.01E-13 | 2362 | 6.85E-13 | 2464 | 7.69E-13 | 2566 | 9.56E-13 | 2668 | 2.28E-12 | 2770 | 2.78E-12 | 2872 | 4.81E-12 | 2974 | 7.84E-12 | 3076 | 9.91E-12 | 3178 | 1.27E-11 |
| 2058 | -3.61E-13 | 2160 | 6.09E-13 | 2262 | 4.80E-14 | 2364 | 4.53E-13 | 2466 | 8.85E-13 | 2568 | 1.15E-12 | 2670 | 2.45E-12 | 2772 | 2.78E-12 | 2874 | 4.64E-12 | 2976 | 8.33E-12 | 3078 | 1.07E-11 | 3180 | 1.21E-11 |
| 2060 | -2.35E-13 | 2162 | 3.50E-14 | 2264 | -2.10E-13 | 2366 | 6.41E-13 | 2468 | 8.45E-13 | 2570 | 1.18E-12 | 2672 | 2.56E-12 | 2774 | 2.74E-12 | 2876 | 4.15E-12 | 2978 | 8.10E-12 | 3080 | 1.13E-11 | 3182 | 1.20E-11 |
| 2062 | 9.26E-13 | 2164 | 1.78E-13 | 2266 | 2.54E-13 | 2368 | 5.38E-13 | 2470 | 7.03E-13 | 2572 | 1.16E-12 | 2674 | 2.62E-12 | 2776 | 2.68E-12 | 2878 | 3.78E-12 | 2980 | 7.18E-12 | 3082 | 1.13E-11 | 3184 | 1.28E-11 |
| 2064 | 6.78E-13 | 2166 | 9.28E-13 | 2268 | 4.19E-13 | 2370 | 3.12E-13 | 2472 | 4.55E-13 | 2574 | 1.19E-12 | 2676 | 2.56E-12 | 2778 | 2.37E-12 | 2880 | 3.60E-12 | 2982 | 5.82E-12 | 3084 | 1.09E-11 | 3186 | 1.36E-11 |
| 2066 | 2.84E-13 | 2168 | 7.61E-13 | 2270 | 1.18E-12 | 2372 | 8.36E-13 | 2474 | 6.13E-13 | 2576 | 1.15E-12 | 2678 | 2.48E-12 | 2780 | 2.07E-12 | 2882 | 4.06E-12 | 2984 | 5.80E-12 | 3086 | 1.03E-11 | 3188 | 1.37E-11 |
| 2068 | 4.28E-14 | 2170 | 2.94E-13 | 2272 | 1.21E-12 | 2374 | 7.26E-13 | 2476 | 7.12E-13 | 2578 | 1.30E-12 | 2680 | 2.48E-12 | 2782 | 2.03E-12 | 2884 | 4.85E-12 | 2986 | 6.21E-12 | 3088 | 9.55E-12 | 3190 | 1.35E-11 |
| 2070 | -5.67E-13 | 2172 | 1.19E-13 | 2274 | 2.98E-13 | 2376 | 2.39E-13 | 2478 | 8.24E-13 | 2580 | 1.24E-12 | 2682 | 2.45E-12 | 2784 | 2.04E-12 | 2886 | 5.32E-12 | 2988 | 6.87E-12 | 3090 | 8.74E-12 | 3192 | 1.33E-11 |
| 2072 | -3.20E-13 | 2174 | -2.30E-13 | 2276 | 3.07E-13 | 2378 | 1.11E-12 | 2480 | 7.42E-13 | 2582 | 1.27E-12 | 2684 | 2.42E-12 | 2786 | 1.94E-12 | 2888 | 5.42E-12 | 2990 | 7.46E-12 | 3092 | 8.22E-12 | 3194 | 1.36E-11 |
| 2074 | 1.07E-12 | 2176 | 7.26E-13 | 2278 | 8.58E-14 | 2380 | 7.41E-13 | 2482 | 5.77E-13 | 2584 | 1.23E-12 | 2686 | 2.39E-12 | 2788 | 1.74E-12 | 2890 | 5.40E-12 | 2992 | 7.54E-12 | 3094 | 8.10E-12 | 3196 | 1.45E-11 |
| 2076 | 6.46E-13 | 2178 | 1.66E-13 | 2280 | 6.93E-14 | 2382 | 8.85E-14 | 2484 | 7.05E-13 | 2586 | 1.18E-12 | 2688 | 2.35E-12 | 2790 | 1.52E-12 | 2892 | 5.88E-12 | 2994 | 6.97E-12 | 3096 | 8.24E-12 | 3198 | 1.54E-11 |


HD 74006 G4 III V=3.97 (B−V)=0.94 E(B−V)=0.06
LAP: LWP 15568, LWP 15613; SAP: LWP 15568, LWP 15613
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (A)

HD 71369 G4 II-III V=3.36 (B-V)=0.84 E(B-V)=-0.03

LAP: LWP 12567

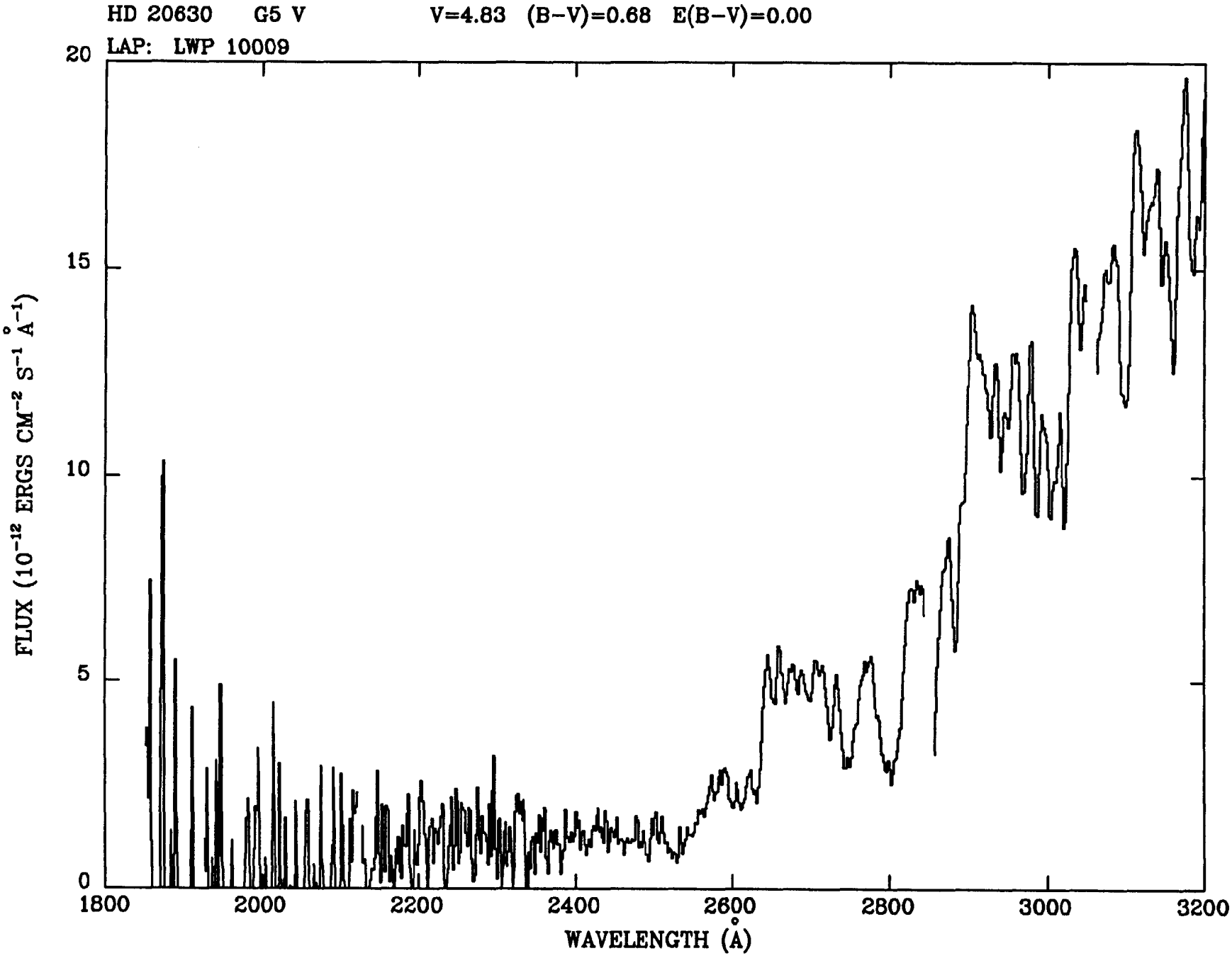
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.57E-12 | 2078 | 8.13E-14 | 2180 | -6.68E-13 | 2282 | 1.13E-12 | 2384 | 6.54E-13 | 2486 | 1.53E-12 | 2588 | 3.05E-12 | 2690 | 6.02E-12 | 2792 | 3.80E-12 | 2894 | 1.43E-11 | 2996 | 1.96E-11 | 3098 | 2.33E-11 |
| 1978 | 3.85E-13 | 2080 | -9.35E-13 | 2182 | -1.81E-13 | 2284 | 9.36E-13 | 2386 | 7.00E-13 | 2488 | 1.32E-12 | 2590 | 3.25E-12 | 2692 | 5.77E-12 | 2794 | 3.22E-12 | 2896 | 1.55E-11 | 2998 | 1.87E-11 | 3100 | 2.30E-11 |
| 1980 | -1.46E-12 | 2082 | -8.08E-13 | 2184 | -3.03E-13 | 2286 | 7.52E-13 | 2388 | 1.33E-12 | 2490 | 8.71E-13 | 2592 | 3.10E-12 | 2694 | 5.54E-12 | 2796 | 2.67E-12 | 2898 | 1.74E-11 | 3000 | 1.76E-11 | 3102 | 2.29E-11 |
| 1982 | 1.47E-13 | 2084 | 8.36E-13 | 2186 | 1.42E-12 | 2288 | 6.74E-13 | 2390 | 1.14E-12 | 2492 | 1.10E-12 | 2594 | 2.94E-12 | 2696 | 5.86E-12 | 2798 | 2.47E-12 | 2900 | 1.95E-11 | 3002 | 1.63E-11 | 3104 | 2.44E-11 |
| 1984 | 6.59E-13 | 2086 | 2.03E-12 | 2188 | 5.49E-13 | 2290 | 8.95E-13 | 2392 | 8.10E-13 | 2494 | 8.73E-13 | 2596 | 2.69E-12 | 2698 | 6.24E-12 | 2800 | 2.45E-12 | 2902 | 2.12E-11 | 3004 | 1.53E-11 | 3106 | 2.77E-11 |
| 1986 | 1.25E-12 | 2088 | -4.64E-13 | 2190 | -1.34E-12 | 2292 | 3.73E-13 | 2394 | 9.67E-13 | 2496 | 1.45E-12 | 2598 | 2.40E-12 | 2700 | 6.35E-12 | 2802 | 2.25E-12 | 2904 | 2.24E-11 | 3006 | 1.57E-11 | 3108 | 3.12E-11 |
| 1988 | -1.56E-12 | 2090 | 4.99E-13 | 2192 | -8.82E-13 | 2294 | 2.61E-12 | 2396 | 1.33E-12 | 2498 | 1.72E-12 | 2600 | 1.98E-12 | 2702 | 6.41E-12 | 2804 | 2.17E-12 | 2906 | 2.22E-11 | 3008 | 1.64E-11 | 3110 | 3.36E-11 |
| 1990 | 6.36E-13 | 2092 | 2.12E-12 | 2194 | 2.93E-13 | 2296 | 1.49E-12 | 2398 | 1.10E-12 | 2500 | 1.48E-12 | 2602 | 1.87E-12 | 2704 | 6.88E-12 | 2806 | 2.39E-12 | 2908 | 2.19E-11 | 3010 | 1.75E-11 | 3112 | 3.43E-11 |
| 1992 | 8.15E-13 | 2094 | -1.93E-13 | 2196 | -2.80E-13 | 2298 | -1.28E-13 | 2400 | 1.33E-12 | 2502 | 2.08E-12 | 2604 | 2.06E-12 | 2706 | 7.37E-12 | 2808 | 2.66E-12 | 2910 | 2.14E-11 | 3012 | 1.90E-11 | 3114 | 3.38E-11 |
| 1994 | 8.50E-13 | 2096 | 3.98E-13 | 2198 | -6.20E-13 | 2300 | 6.30E-13 | 2402 | 1.09E-12 | 2504 | 1.93E-12 | 2606 | 2.44E-12 | 2708 | 7.47E-12 | 2810 | 3.30E-12 | 2912 | 2.10E-11 | 3014 | 2.02E-11 | 3116 | 3.26E-11 |
| 1996 | 9.07E-14 | 2098 | 1.13E-12 | 2200 | 4.17E-13 | 2302 | 1.08E-12 | 2404 | 1.08E-12 | 2506 | 1.48E-12 | 2608 | 2.57E-12 | 2710 | 7.39E-12 | 2812 | 4.17E-12 | 2914 | 2.13E-11 | 3016 | 1.99E-11 | 3118 | 3.13E-11 |
| 1998 | -1.96E-12 | 2100 | -1.65E-13 | 2202 | 1.10E-12 | 2304 | 3.75E-13 | 2406 | 1.04E-12 | 2508 | 1.40E-12 | 2610 | 2.29E-12 | 2712 | 7.27E-12 | 2814 | 4.77E-12 | 2916 | 2.15E-11 | 3018 | 1.82E-11 | 3120 | 2.96E-11 |
| 2000 | 4.98E-13 | 2102 | 2.03E-13 | 2204 | 1.13E-12 | 2306 | 5.36E-14 | 2408 | 1.43E-12 | 2510 | 1.45E-12 | 2612 | 1.96E-12 | 2714 | 7.38E-12 | 2816 | 5.66E-12 | 2918 | 2.13E-11 | 3020 | 1.66E-11 | 3122 | 2.79E-11 |
| 2002 | 1.83E-12 | 2104 | -6.49E-13 | 2206 | 5.75E-13 | 2308 | 6.46E-13 | 2410 | 8.91E-13 | 2512 | 1.33E-12 | 2614 | 2.01E-12 | 2716 | 6.81E-12 | 2818 | 6.56E-12 | 2920 | 2.16E-11 | 3022 | 1.61E-11 | 3124 | 2.75E-11 |
| 2004 | 3.24E-12 | 2106 | -1.18E-12 | 2208 | 1.18E-12 | 2310 | 1.02E-12 | 2412 | 1.04E-12 | 2514 | 1.30E-12 | 2616 | 2.03E-12 | 2718 | 5.86E-12 | 2820 | 7.33E-12 | 2922 | 2.16E-11 | 3024 | 1.73E-11 | 3126 | 2.84E-11 |
| 2006 | -1.53E-12 | 2108 | -1.83E-12 | 2210 | 3.11E-13 | 2312 | 4.36E-13 | 2414 | 1.13E-12 | 2516 | 1.49E-12 | 2618 | 2.08E-12 | 2720 | 5.46E-12 | 2822 | 7.92E-12 | 2924 | 2.08E-11 | 3026 | 1.96E-11 | 3128 | 2.93E-11 |
| 2008 | -2.13E-12 | 2110 | 5.86E-14 | 2212 | -1.01E-12 | 2314 | 4.90E-13 | 2416 | 1.24E-12 | 2518 | 1.26E-12 | 2620 | 2.14E-12 | 2722 | 5.46E-12 | 2824 | 8.46E-12 | 2926 | 1.93E-11 | 3028 | 2.21E-11 | 3130 | 2.98E-11 |
| 2010 | -6.55E-13 | 2112 | 3.39E-13 | 2214 | -2.10E-13 | 2316 | 7.36E-13 | 2418 | 1.23E-12 | 2520 | 1.10E-12 | 2622 | 2.30E-12 | 2724 | 5.19E-12 | 2826 | 9.04E-12 | 2928 | 1.80E-11 | 3030 | 2.44E-11 | 3132 | 3.05E-11 |
| 2012 | 1.25E-12 | 2114 | 1.53E-13 | 2216 | 2.99E-14 | 2318 | 5.94E-13 | 2420 | 1.15E-12 | 2522 | 1.11E-12 | 2624 | 2.61E-12 | 2726 | 5.20E-12 | 2828 | 9.58E-12 | 2930 | 1.81E-11 | 3032 | 2.61E-11 | 3134 | 3.09E-11 |
| 2014 | 5.20E-12 | 2116 | 2.00E-12 | 2218 | 1.53E-14 | 2320 | 2.55E-13 | 2422 | 1.24E-12 | 2524 | 1.11E-12 | 2626 | 2.74E-12 | 2728 | 5.58E-12 | 2830 | 9.56E-12 | 2932 | 1.93E-11 | 3034 | 2.73E-11 | 3136 | 3.13E-11 |
| 2016 | 3.76E-13 | 2118 | 7.62E-13 | 2220 | 1.71E-13 | 2322 | 1.31E-12 | 2424 | 1.28E-12 | 2526 | 1.40E-12 | 2628 | 2.62E-12 | 2730 | 6.13E-12 | 2832 | 9.92E-12 | 2934 | 2.06E-11 | 3036 | 2.81E-11 | 3138 | 3.22E-11 |
| 2018 | -1.70E-12 | 2120 | 2.29E-12 | 2222 | 1.20E-12 | 2324 | 1.46E-12 | 2426 | 1.57E-12 | 2528 | 1.27E-12 | 2630 | 2.82E-12 | 2732 | 6.76E-12 | 2834 | 1.03E-11 | 2936 | 2.12E-11 | 3038 | 2.75E-11 | 3140 | 3.35E-11 |
| 2020 | 1.80E-13 | 2122 | 1.75E-12 | 2224 | 8.21E-13 | 2326 | 8.66E-13 | 2428 | 1.61E-12 | 2530 | 8.56E-13 | 2632 | 2.62E-12 | 2734 | 7.07E-12 | 2836 | 1.02E-11 | 2938 | 2.09E-11 | 3040 | 2.62E-11 | 3142 | 3.33E-11 |
| 2022 | 1.27E-12 | 2124 | -1.26E-13 | 2226 | 5.22E-13 | 2328 | 8.41E-13 | 2430 | 1.18E-12 | 2532 | 1.20E-12 | 2634 | 2.84E-12 | 2736 | 6.68E-12 | 2838 | 9.71E-12 | 2940 | 1.96E-11 | 3042 | 2.50E-11 | 3144 | 3.16E-11 |
| 2024 | -5.38E-13 | 2126 | 2.56E-12 | 2228 | 7.66E-13 | 2330 | 9.50E-13 | 2432 | 1.21E-12 | 2534 | 1.48E-12 | 2636 | 3.33E-12 | 2738 | 6.16E-12 | 2840 | 9.40E-12 | 2942 | 1.91E-11 | 3044 | 2.50E-11 | 3146 | 3.02E-11 |
| 2026 | -1.42E-12 | 2128 | 2.02E-12 | 2230 | 1.08E-12 | 2332 | 1.41E-12 | 2434 | 1.08E-12 | 2536 | 1.18E-12 | 2638 | 4.26E-12 | 2740 | 5.42E-12 | 2842 | 9.49E-12 | 2944 | 1.95E-11 | 3046 | 2.56E-11 | 3148 | 3.02E-11 |
| 2028 | -1.48E-13 | 2130 | 8.14E-13 | 2232 | 2.56E-13 | 2334 | 1.82E-12 | 2436 | 9.75E-13 | 2538 | 1.35E-12 | 2640 | 4.99E-12 | 2742 | 4.72E-12 | 2844 | 9.29E-12 | 2946 | 1.97E-11 | 3048 | 2.57E-11 | 3150 | 3.15E-11 |
| 2030 | 1.17E-12 | 2132 | -6.90E-14 | 2234 | -4.91E-13 | 2336 | 1.55E-12 | 2438 | 1.62E-12 | 2540 | 1.56E-12 | 2642 | 5.46E-12 | 2744 | 4.28E-12 | 2846 | | 2948 | 1.94E-11 | 3050 | 2.57E-11 | 3152 | 3.29E-11 |
| 2032 | -1.60E-12 | 2134 | -4.47E-13 | 2236 | 5.55E-13 | 2338 | 8.57E-13 | 2440 | 1.34E-12 | 2542 | 1.79E-12 | 2644 | | 2746 | 3.99E-12 | 2848 | | 2950 | 1.90E-11 | 3052 | | 3154 | 3.27E-11 |
| 2034 | -6.40E-13 | 2136 | 1.24E-12 | 2238 | 4.28E-13 | 2340 | 7.07E-13 | 2442 | 1.25E-12 | 2544 | 1.57E-12 | 2646 | | 2748 | 3.83E-12 | 2850 | | 2952 | 1.88E-11 | 3054 | | 3156 | 3.13E-11 |
| 2036 | 4.18E-13 | 2138 | 1.37E-12 | 2240 | 1.36E-12 | 2342 | 4.38E-13 | 2444 | 1.45E-12 | 2546 | 1.51E-12 | 2648 | 6.06E-12 | 2750 | 3.89E-12 | 2852 | | 2954 | 2.00E-11 | 3056 | | 3158 | 2.90E-11 |
| 2038 | -2.07E-13 | 2140 | 7.96E-13 | 2242 | 1.13E-12 | 2344 | 6.05E-13 | 2446 | 1.60E-12 | 2548 | 1.62E-12 | 2650 | 5.92E-12 | 2752 | 3.91E-12 | 2854 | | 2956 | 2.16E-11 | 3058 | | 3160 | 2.71E-11 |
| 2040 | -1.25E-12 | 2142 | 6.68E-13 | 2244 | 2.23E-13 | 2346 | 8.01E-13 | 2448 | 1.42E-12 | 2550 | 1.43E-12 | 2652 | 5.68E-12 | 2754 | 4.18E-12 | 2856 | 4.56E-12 | 2958 | 2.23E-11 | 3060 | | 3162 | 2.60E-11 |
| 2042 | 6.52E-13 | 2144 | 1.14E-12 | 2246 | 1.04E-12 | 2348 | 6.04E-14 | 2450 | 1.18E-12 | 2552 | 1.64E-12 | 2654 | 5.79E-12 | 2756 | 4.56E-12 | 2858 | 5.39E-12 | 2960 | 2.24E-11 | 3062 | 2.15E-11 | 3164 | 2.71E-11 |
| 2044 | -8.95E-13 | 2146 | 2.67E-12 | 2248 | 1.18E-12 | 2350 | 4.86E-13 | 2452 | 1.30E-12 | 2554 | 1.94E-12 | 2656 | 6.51E-12 | 2758 | 4.97E-12 | 2860 | 7.03E-12 | 2962 | 2.24E-11 | 3064 | 2.20E-11 | 3166 | 2.96E-11 |
| 2046 | -2.07E-12 | 2148 | 2.47E-12 | 2250 | 4.25E-13 | 2352 | 4.00E-13 | 2454 | 1.06E-12 | 2556 | 1.91E-12 | 2658 | 7.02E-12 | 2760 | 5.29E-12 | 2862 | 8.63E-12 | 2964 | 2.17E-11 | 3066 | 2.28E-11 | 3168 | 3.19E-11 |
| 2048 | -1.75E-12 | 2150 | -4.66E-13 | 2252 | 7.05E-13 | 2354 | 1.11E-12 | 2456 | 1.16E-12 | 2558 | 2.19E-12 | 2660 | 6.65E-12 | 2762 | 6.08E-12 | 2864 | 1.01E-11 | 2966 | 2.01E-11 | 3068 | 2.32E-11 | 3170 | 3.50E-11 |
| 2050 | -1.14E-12 | 2152 | 8.19E-13 | 2254 | 1.59E-12 | 2356 | 6.78E-13 | 2458 | 1.33E-12 | 2560 | 2.18E-12 | 2662 | 6.30E-12 | 2764 | 6.88E-12 | 2866 | 1.11E-11 | 2968 | 1.79E-11 | 3070 | 2.37E-11 | 3172 | 3.84E-11 |
| 2052 | 9.49E-13 | 2154 | 2.27E-12 | 2256 | 1.29E-12 | 2358 | 8.97E-13 | 2460 | 1.32E-12 | 2562 | 2.27E-12 | 2664 | 6.64E-12 | 2766 | 7.25E-12 | 2868 | 1.16E-11 | 2970 | 1.65E-11 | 3072 | 2.47E-11 | 3174 | 4.06E-11 |
| 2054 | 1.34E-12 | 2156 | 1.78E-13 | 2258 | 6.71E-13 | 2360 | 7.70E-13 | 2462 | 1.15E-12 | 2564 | 2.27E-12 | 2666 | 6.66E-12 | 2768 | 7.39E-12 | 2870 | 1.17E-11 | 2972 | 1.65E-11 | 3074 | 2.52E-11 | 3176 | 4.07E-11 |
| 2056 | 1.89E-13 | 2158 | 1.32E-12 | 2260 | 2.67E-13 | 2362 | 5.66E-13 | 2464 | 1.48E-12 | 2566 | 2.21E-12 | 2668 | 6.18E-12 | 2770 | 7.35E-12 | 2872 | 1.18E-11 | 2974 | 1.79E-11 | 3076 | 2.52E-11 | 3178 | 3.83E-11 |
| 2058 | 1.81E-13 | 2160 | 1.91E-12 | 2262 | 8.74E-13 | 2364 | 3.97E-13 | 2466 | 1.34E-12 | 2568 | 2.23E-12 | 2670 | 6.28E-12 | 2772 | 7.42E-12 | 2874 | 1.24E-11 | 2976 | 2.00E-11 | 3078 | 2.54E-11 | 3180 | 3.48E-11 |
| 2060 | -5.19E-13 | 2162 | 1.78E-13 | 2264 | 1.09E-12 | 2366 | 1.17E-12 | 2468 | 1.20E-12 | 2570 | 2.51E-12 | 2672 | 6.81E-12 | 2774 | 7.50E-12 | 2876 | 1.27E-11 | 2978 | 2.15E-11 | 3080 | 2.63E-11 | 3182 | 3.23E-11 |
| 2062 | -1.97E-12 | 2164 | -4.06E-13 | 2266 | 2.60E-13 | 2368 | 1.36E-12 | 2470 | 1.10E-12 | 2572 | 2.95E-12 | 2674 | 6.94E-12 | 2776 | 7.46E-12 | 2878 | 1.19E-11 | 2980 | 2.17E-11 | 3082 | 2.72E-11 | 3184 | 3.16E-11 |
| 2064 | -9.30E-13 | 2166 | 1.98E-13 | 2268 | 1.33E-13 | 2370 | 1.09E-12 | 2472 | 1.21E-12 | 2574 | 3.12E-12 | 2676 | 6.74E-12 | 2778 | 7.40E-12 | 2880 | 1.09E-11 | 2982 | 1.96E-11 | 3084 | 2.79E-11 | 3186 | 3.21E-11 |
| 2066 | -2.60E-13 | 2168 | 1.56E-13 | 2270 | 3.45E-13 | 2372 | 7.66E-13 | 2474 | 1.08E-12 | 2576 | 2.66E-12 | 2678 | 6.75E-12 | 2780 | 6.69E-12 | 2882 | 1.04E-11 | 2984 | 1.71E-11 | 3086 | 2.79E-11 | 3188 | 3.31E-11 |
| 2068 | -1.42E-12 | 2170 | 1.89E-13 | 2272 | 3.10E-13 | 2374 | 8.27E-13 | 2476 | 1.34E-12 | 2578 | 2.31E-12 | 2680 | 6.89E-12 | 2782 | 5.87E-12 | 2884 | 1.03E-11 | 2986 | 1.55E-11 | 3088 | 2.78E-11 | 3190 | 3.41E-11 |
| 2070 | -9.92E-13 | 2172 | 8.99E-14 | 2274 | 1.14E-12 | 2376 | 7.10E-13 | 2478 | 1.72E-12 | 2580 | 2.62E-12 | 2682 | 6.68E-12 | 2784 | 5.51E-12 | 2886 | 1.13E-11 | 2988 | 1.58E-11 | 3090 | 2.67E-11 | 3192 | 3.41E-11 |
| 2072 | -9.43E-13 | 2174 | 8.27E-13 | 2276 | 7.33E-13 | 2378 | 9.97E-13 | 2480 | 1.30E-12 | 2582 | 2.69E-12 | 2684 | 6.28E-12 | 2786 | 5.22E-12 | 2888 | 1.31E-11 | 2990 | 1.73E-11 | 3092 | 2.49E-11 | 3194 | 3.39E-11 |
| 2074 | 1.36E-12 | 2176 | 1.51E-13 | 2278 | -1.71E-13 | 2380 | 9.62E-13 | 2482 | 1.21E-12 | 2584 | 3.07E-12 | 2686 | 6.22E-12 | 2788 | 4.75E-12 | 2890 | 1.39E-11 | 2992 | 1.91E-11 | 3094 | 2.38E-11 | 3196 | 3.53E-11 |
| 2076 | 2.44E-12 | 2178 | 7.20E-13 | 2280 | 9.64E-13 | 2382 | 5.28E-13 | 2484 | 1.38E-12 | 2586 | 3.08E-12 | 2688 | 6.23E-12 | 2790 | 4.21E-12 | 2892 | 1.40E-11 | 2994 | 1.98E-11 | 3096 | 2.34E-11 | 3198 | 3.70E-11 |


HD 71369 G4 II-III V=3.36 (B-V)=0.84 E(B-V)=-0.03
LAP: LWP 12567
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 20630 G5 V V=4.83 (B-V)=0.68 E(B-V)=0.00**

**LAP: LWP 10009**

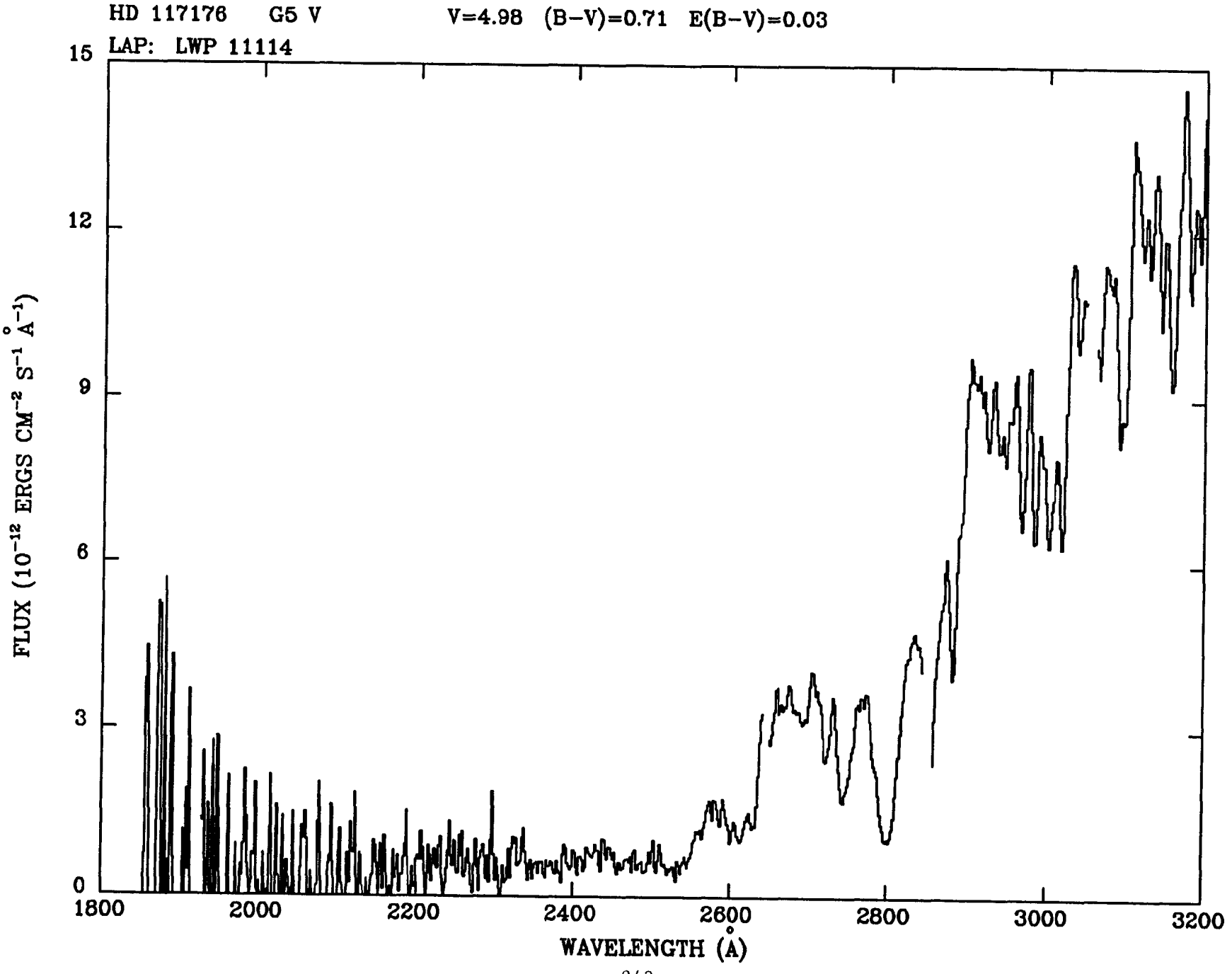
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -3.91E-13 | 2078 | 3.13E-13 | 2180 | 1.48E-12 | 2282 | 1.50E-12 | 2384 | 7.30E-13 | 2486 | 1.27E-12 | 2588 | 2.62E-12 | 2690 | 5.20E-12 | 2792 | 3.17E-12 | 2894 | 9.42E-12 | 2996 | 1.11E-11 | 3098 | 1.18E-11 |
| 1978 | 4.73E-13 | 2080 | -7.03E-14 | 2182 | 1.03E-12 | 2284 | 1.31E-12 | 2386 | 1.15E-12 | 2488 | 1.18E-12 | 2590 | 2.88E-12 | 2692 | 5.00E-12 | 2794 | 2.98E-12 | 2896 | 1.01E-11 | 2998 | 1.09E-11 | 3100 | 1.17E-11 |
| 1980 | 1.42E-12 | 2082 | -6.86E-13 | 2184 | 1.16E-12 | 2286 | 1.16E-12 | 2388 | 1.68E-12 | 2490 | 8.57E-13 | 2592 | 2.86E-12 | 2694 | 4.78E-12 | 2796 | 2.85E-12 | 2898 | 1.14E-11 | 3000 | 1.04E-11 | 3102 | 1.21E-11 |
| 1982 | 2.03E-12 | 2084 | -2.54E-12 | 2186 | 1.91E-12 | 2288 | 6.86E-13 | 2390 | 1.22E-12 | 2492 | 8.09E-13 | 2594 | 2.76E-12 | 2696 | 4.69E-12 | 2798 | 2.99E-12 | 2900 | 1.23E-11 | 3002 | 9.40E-12 | 3104 | 1.32E-11 |
| 1984 | 2.86E-13 | 2086 | -1.30E-12 | 2188 | 1.63E-12 | 2290 | 1.81E-12 | 2392 | 1.18E-12 | 2494 | 6.96E-13 | 2596 | 2.40E-12 | 2698 | 4.56E-12 | 2800 | 2.96E-12 | 2902 | 1.31E-11 | 3004 | 9.02E-12 | 3106 | 1.52E-11 |
| 1986 | -8.20E-13 | 2088 | 3.29E-13 | 2190 | 1.53E-13 | 2292 | 8.31E-13 | 2394 | 1.23E-12 | 2496 | 1.24E-12 | 2598 | 2.12E-12 | 2700 | 4.58E-12 | 2802 | 2.62E-12 | 2904 | 1.40E-11 | 3006 | 9.59E-12 | 3108 | 1.70E-11 |
| 1988 | -2.63E-13 | 2090 | 9.57E-13 | 2192 | -2.94E-13 | 2294 | 2.39E-12 | 2396 | 1.22E-12 | 2498 | 1.62E-12 | 2600 | 2.01E-12 | 2702 | 4.86E-12 | 2804 | 2.73E-12 | 2906 | 1.41E-11 | 3008 | 9.89E-12 | 3110 | 1.80E-11 |
| 1990 | 1.03E-12 | 2092 | 2.80E-12 | 2194 | 6.53E-13 | 2296 | 2.97E-12 | 2398 | 1.20E-12 | 2500 | 1.39E-12 | 2602 | 1.95E-12 | 2704 | 5.33E-12 | 2806 | 3.05E-12 | 2908 | 1.38E-11 | 3010 | 9.91E-12 | 3112 | 1.83E-11 |
| 1992 | 1.95E-12 | 2094 | -4.21E-13 | 2196 | 1.05E-12 | 2298 | 8.24E-13 | 2400 | 1.66E-12 | 2502 | 1.74E-12 | 2604 | 2.07E-12 | 2706 | 5.52E-12 | 2808 | 3.15E-12 | 2910 | 1.33E-11 | 3012 | 1.03E-11 | 3114 | 1.82E-11 |
| 1994 | 2.25E-12 | 2096 | -2.93E-12 | 2198 | 6.59E-13 | 2300 | 5.79E-13 | 2402 | 1.55E-12 | 2504 | 1.60E-12 | 2606 | 2.48E-12 | 2708 | 5.42E-12 | 2810 | 3.34E-12 | 2912 | 1.29E-11 | 3014 | 1.09E-11 | 3116 | 1.77E-11 |
| 1996 | 2.06E-12 | 2098 | -9.66E-13 | 2200 | 9.28E-13 | 2302 | 1.64E-12 | 2404 | 1.61E-12 | 2506 | 1.15E-12 | 2608 | 2.39E-12 | 2710 | 5.22E-12 | 2812 | 3.67E-12 | 2914 | 1.29E-11 | 3016 | 1.15E-11 | 3118 | 1.71E-11 |
| 1998 | -1.09E-12 | 2100 | 7.97E-13 | 2202 | 1.96E-12 | 2304 | 1.07E-12 | 2406 | 1.00E-12 | 2508 | 1.22E-12 | 2610 | 2.06E-12 | 2712 | 5.23E-12 | 2814 | 3.97E-12 | 2916 | 1.29E-11 | 3018 | 1.08E-11 | 3120 | 1.61E-11 |
| 2000 | -3.31E-13 | 2102 | 2.31E-12 | 2204 | 2.52E-12 | 2306 | 2.32E-13 | 2408 | 1.27E-12 | 2510 | 1.56E-12 | 2612 | 1.90E-12 | 2714 | 5.36E-12 | 2816 | 4.74E-12 | 2918 | 1.26E-11 | 3020 | 9.43E-12 | 3122 | 1.55E-11 |
| 2002 | -6.19E-13 | 2104 | 9.69E-13 | 2206 | 2.11E-12 | 2308 | 9.68E-13 | 2410 | 1.35E-12 | 2512 | 1.49E-12 | 2614 | 1.97E-12 | 2716 | 5.29E-12 | 2818 | 5.44E-12 | 2920 | 1.25E-11 | 3022 | 8.83E-12 | 3124 | 1.57E-11 |
| 2004 | 5.74E-13 | 2106 | -4.77E-13 | 2208 | 1.29E-12 | 2310 | 1.49E-12 | 2412 | 1.01E-12 | 2514 | 1.18E-12 | 2616 | 2.09E-12 | 2718 | 4.93E-12 | 2820 | 6.12E-12 | 2922 | 1.22E-11 | 3024 | 9.57E-12 | 3126 | 1.62E-11 |
| 2006 | -1.04E-12 | 2108 | -2.35E-12 | 2210 | 1.07E-12 | 2312 | 9.02E-13 | 2414 | 8.66E-13 | 2516 | 1.11E-12 | 2618 | 2.26E-12 | 2720 | 4.47E-12 | 2822 | 6.71E-12 | 2924 | 1.20E-11 | 3026 | 1.13E-11 | 3128 | 1.65E-11 |
| 2008 | -3.16E-12 | 2110 | -1.06E-12 | 2212 | 7.94E-14 | 2314 | 7.72E-13 | 2416 | 1.07E-12 | 2518 | 9.10E-13 | 2620 | 2.55E-12 | 2722 | 4.04E-12 | 2824 | 7.10E-12 | 2926 | 1.16E-11 | 3028 | 1.31E-11 | 3130 | 1.66E-11 |
| 2010 | -4.98E-13 | 2112 | 1.21E-12 | 2214 | 1.48E-12 | 2316 | 1.32E-12 | 2418 | 1.11E-12 | 2520 | 9.44E-13 | 2622 | 2.73E-12 | 2724 | 3.62E-12 | 2826 | 7.26E-12 | 2928 | 1.10E-11 | 3030 | 1.46E-11 | 3132 | 1.66E-11 |
| 2012 | -1.32E-13 | 2114 | 8.86E-13 | 2216 | 1.53E-12 | 2318 | 1.38E-12 | 2420 | 1.18E-12 | 2522 | 9.26E-13 | 2624 | 2.82E-12 | 2726 | 3.64E-12 | 2828 | 7.26E-12 | 2930 | 1.12E-11 | 3032 | 1.52E-11 | 3134 | 1.67E-11 |
| 2014 | 2.81E-12 | 2116 | 2.00E-12 | 2218 | 1.30E-12 | 2320 | 1.35E-13 | 2422 | 1.45E-12 | 2524 | 7.33E-13 | 2626 | 2.59E-12 | 2728 | 3.99E-12 | 2830 | 7.05E-12 | 2932 | 1.22E-11 | 3034 | 1.55E-11 | 3136 | 1.69E-11 |
| 2016 | 2.81E-12 | 2118 | 1.89E-12 | 2220 | 9.81E-13 | 2322 | 5.53E-13 | 2424 | 1.44E-12 | 2526 | 8.62E-13 | 2628 | 2.32E-12 | 2730 | 4.56E-12 | 2832 | 7.18E-12 | 2934 | 1.27E-11 | 3036 | 1.55E-11 | 3138 | 1.73E-11 |
| 2018 | -1.03E-12 | 2120 | 1.94E-12 | 2222 | 1.39E-12 | 2324 | 1.88E-12 | 2426 | 1.62E-12 | 2528 | 7.88E-13 | 2630 | 2.35E-12 | 2732 | 5.01E-12 | 2834 | 7.44E-12 | 2936 | 1.26E-11 | 3038 | 1.48E-11 | 3140 | 1.74E-11 |
| 2020 | -1.17E-12 | 2122 | 2.30E-12 | 2224 | 1.19E-12 | 2326 | 2.23E-12 | 2428 | 1.87E-12 | 2530 | 6.50E-13 | 2632 | 2.13E-12 | 2734 | 5.07E-12 | 2836 | 7.38E-12 | 2938 | 1.17E-11 | 3040 | 1.37E-11 | 3142 | 1.66E-11 |
| 2022 | 1.68E-12 | 2124 | | 2226 | 1.31E-12 | 2328 | 2.15E-12 | 2430 | 1.50E-12 | 2532 | 9.98E-13 | 2634 | 2.39E-12 | 2736 | 4.61E-12 | 2838 | 7.18E-12 | 2940 | 1.05E-11 | 3042 | 1.32E-11 | 3144 | 1.51E-11 |
| 2024 | 1.33E-12 | 2126 | | 2228 | 1.63E-12 | 2330 | 1.88E-12 | 2432 | 1.45E-12 | 2534 | 1.32E-12 | 2636 | 2.83E-12 | 2738 | 4.04E-12 | 2840 | 7.35E-12 | 2942 | 1.04E-11 | 3044 | 1.39E-11 | 3146 | 1.47E-11 |
| 2026 | -5.39E-13 | 2128 | 1.27E-12 | 2230 | 1.94E-12 | 2332 | 1.92E-12 | 2434 | 1.26E-12 | 2536 | 9.82E-13 | 2638 | 3.55E-12 | 2740 | 3.54E-12 | 2842 | 7.19E-12 | 2944 | 1.12E-11 | 3046 | 1.44E-11 | 3148 | 1.52E-11 |
| 2028 | -7.22E-14 | 2130 | 6.35E-13 | 2232 | 4.75E-13 | 2334 | 1.85E-12 | 2436 | 1.10E-12 | 2538 | 9.36E-13 | 2640 | 4.42E-12 | 2742 | 3.07E-12 | 2844 | 6.64E-12 | 2946 | 1.15E-11 | 3048 | 1.45E-11 | 3150 | 1.57E-11 |
| 2030 | 1.40E-12 | 2132 | 2.61E-13 | 2234 | -3.78E-13 | 2336 | 1.01E-12 | 2438 | 1.86E-12 | 2540 | 1.12E-12 | 2642 | 4.94E-12 | 2744 | 2.92E-12 | 2846 | | 2948 | 1.15E-11 | 3050 | 1.43E-11 | 3152 | 1.54E-11 |
| 2032 | -1.37E-12 | 2134 | -8.91E-13 | 2236 | 4.51E-13 | 2338 | -2.91E-14 | 2440 | 1.51E-12 | 2542 | 1.37E-12 | 2644 | 5.39E-12 | 2746 | 3.11E-12 | 2848 | | 2950 | 1.12E-11 | 3052 | | 3154 | 1.48E-11 |
| 2034 | -4.29E-13 | 2136 | -6.41E-13 | 2238 | 1.06E-12 | 2340 | 5.33E-13 | 2442 | 9.31E-13 | 2544 | 1.33E-12 | 2646 | 5.57E-12 | 2748 | 2.98E-12 | 2850 | | 2952 | 1.14E-11 | 3054 | | 3156 | 1.42E-11 |
| 2036 | 5.70E-14 | 2138 | 1.28E-13 | 2240 | 1.60E-12 | 2342 | 6.12E-13 | 2444 | 1.21E-12 | 2546 | 1.28E-12 | 2648 | 5.26E-12 | 2750 | 2.95E-12 | 2852 | | 2954 | 1.22E-11 | 3056 | | 3158 | 1.32E-11 |
| 2038 | -3.09E-13 | 2140 | 3.75E-13 | 2242 | 1.74E-12 | 2344 | 9.67E-13 | 2446 | 1.42E-12 | 2548 | 1.29E-12 | 2650 | 4.86E-12 | 2752 | 3.18E-12 | 2854 | | 2956 | 1.30E-11 | 3058 | | 3160 | 1.26E-11 |
| 2040 | -1.75E-12 | 2142 | 4.52E-13 | 2244 | 6.13E-13 | 2346 | 1.22E-12 | 2448 | 1.30E-12 | 2550 | 1.27E-12 | 2652 | 4.55E-12 | 2754 | 3.59E-12 | 2856 | 3.25E-12 | 2958 | 1.29E-11 | 3060 | | 3162 | 1.32E-11 |
| 2042 | 7.61E-13 | 2144 | 6.46E-13 | 2246 | 1.49E-12 | 2348 | 4.89E-13 | 2450 | 1.31E-12 | 2552 | 1.35E-12 | 2654 | 4.49E-12 | 2756 | 3.88E-12 | 2858 | 3.92E-12 | 2960 | 1.28E-11 | 3062 | 1.25E-11 | 3164 | 1.50E-11 |
| 2044 | 1.12E-12 | 2146 | 1.56E-12 | 2248 | 2.25E-12 | 2350 | 1.27E-12 | 2452 | 1.57E-12 | 2554 | 1.57E-12 | 2656 | 4.88E-12 | 2758 | 3.97E-12 | 2860 | 5.10E-12 | 2962 | 1.29E-11 | 3064 | 1.32E-11 | 3166 | 1.66E-11 |
| 2046 | -1.38E-12 | 2148 | 2.72E-12 | 2250 | 1.35E-12 | 2352 | 1.14E-12 | 2454 | 1.33E-12 | 2556 | 1.60E-12 | 2658 | 5.65E-12 | 2760 | 4.17E-12 | 2862 | 5.94E-12 | 2964 | 1.24E-11 | 3066 | 1.35E-11 | 3168 | 1.74E-11 |
| 2048 | -1.84E-12 | 2150 | 8.88E-13 | 2252 | 7.42E-13 | 2354 | 1.62E-12 | 2456 | 1.14E-12 | 2558 | 1.87E-12 | 2660 | 5.80E-12 | 2762 | 4.70E-12 | 2864 | 6.67E-12 | 2966 | 1.13E-11 | 3068 | 1.38E-11 | 3170 | 1.82E-11 |
| 2050 | -1.38E-12 | 2152 | 3.29E-13 | 2254 | 1.57E-12 | 2356 | 1.04E-12 | 2458 | 1.17E-12 | 2560 | 1.81E-12 | 2662 | 5.31E-12 | 2764 | 4.97E-12 | 2866 | 7.34E-12 | 2968 | 1.01E-11 | 3070 | 1.42E-11 | 3172 | 1.91E-11 |
| 2052 | -9.49E-13 | 2154 | 1.86E-12 | 2256 | 1.98E-12 | 2358 | 1.61E-12 | 2460 | 1.14E-12 | 2562 | 1.85E-12 | 2664 | 5.18E-12 | 2766 | 5.10E-12 | 2868 | 7.71E-12 | 2970 | 9.63E-12 | 3072 | 1.49E-11 | 3174 | 1.96E-11 |
| 2054 | 3.08E-13 | 2156 | 8.30E-13 | 2258 | 1.88E-12 | 2360 | 1.58E-12 | 2462 | 8.62E-13 | 2564 | 1.83E-12 | 2666 | 4.82E-12 | 2768 | 5.35E-12 | 2870 | 7.80E-12 | 2972 | 9.95E-12 | 3074 | 1.49E-11 | 3176 | 1.90E-11 |
| 2056 | 1.59E-12 | 2158 | 8.63E-13 | 2260 | 1.43E-12 | 2362 | 1.45E-12 | 2464 | 1.09E-12 | 2566 | 1.83E-12 | 2668 | 4.51E-12 | 2770 | 5.35E-12 | 2872 | 8.13E-12 | 2974 | 1.05E-11 | 3076 | 1.47E-11 | 3178 | 1.76E-11 |
| 2058 | 2.05E-12 | 2160 | 1.94E-12 | 2262 | 1.06E-12 | 2364 | 5.69E-13 | 2466 | 1.20E-12 | 2568 | 2.00E-12 | 2670 | 4.72E-12 | 2772 | 5.33E-12 | 2874 | 8.48E-12 | 2976 | 1.17E-11 | 3078 | 1.47E-11 | 3180 | 1.59E-11 |
| 2060 | 4.53E-13 | 2162 | 1.11E-12 | 2264 | 1.87E-12 | 2366 | 7.96E-13 | 2468 | 1.09E-12 | 2570 | 2.18E-12 | 2672 | 5.06E-12 | 2774 | 5.47E-12 | 2876 | 8.34E-12 | 2978 | 1.30E-11 | 3080 | 1.49E-11 | 3182 | 1.53E-11 |
| 2062 | -8.06E-13 | 2164 | 4.70E-13 | 2266 | 1.81E-12 | 2368 | 1.29E-12 | 2470 | 1.11E-12 | 2572 | 2.40E-12 | 2674 | 5.30E-12 | 2776 | 5.60E-12 | 2878 | 7.59E-12 | 2980 | 1.33E-11 | 3082 | 1.54E-11 | 3184 | 1.50E-11 |
| 2064 | -6.54E-13 | 2166 | 6.04E-13 | 2268 | 6.22E-13 | 2370 | 1.21E-12 | 2472 | 1.17E-12 | 2574 | 2.66E-12 | 2676 | 5.31E-12 | 2778 | 5.48E-12 | 2880 | 6.72E-12 | 2982 | 1.18E-11 | 3084 | 1.56E-11 | 3186 | 1.50E-11 |
| 2066 | 3.40E-13 | 2168 | -4.20E-14 | 2270 | 2.06E-13 | 2372 | 1.00E-12 | 2474 | 1.15E-12 | 2576 | 2.41E-12 | 2678 | 5.42E-12 | 2780 | 5.00E-12 | 2882 | 6.04E-12 | 2984 | 1.01E-11 | 3086 | 1.54E-11 | 3188 | 1.59E-11 |
| 2068 | -1.41E-12 | 2170 | 5.59E-13 | 2272 | 5.61E-13 | 2374 | 1.29E-12 | 2476 | 1.36E-12 | 2578 | 2.15E-12 | 2680 | 5.25E-12 | 2782 | 4.36E-12 | 2884 | 5.92E-12 | 2986 | 9.09E-12 | 3088 | 1.52E-11 | 3190 | 1.63E-11 |
| 2070 | -1.83E-14 | 2172 | 6.77E-13 | 2274 | 1.68E-12 | 2376 | 1.38E-12 | 2478 | 1.69E-12 | 2580 | 2.28E-12 | 2682 | 4.91E-12 | 2784 | 4.16E-12 | 2886 | 6.94E-12 | 2988 | 9.32E-12 | 3090 | 1.45E-11 | 3192 | 1.61E-11 |
| 2072 | -3.52E-13 | 2174 | 1.09E-12 | 2276 | 1.92E-12 | 2378 | 1.06E-12 | 2480 | 1.31E-12 | 2582 | 2.37E-12 | 2684 | 4.74E-12 | 2786 | 4.17E-12 | 2888 | 8.52E-12 | 2990 | 1.04E-11 | 3092 | 1.30E-11 | 3194 | 1.63E-11 |
| 2074 | 9.85E-13 | 2176 | 5.27E-13 | 2278 | 1.02E-12 | 2380 | 1.02E-12 | 2482 | 1.06E-12 | 2584 | 2.72E-12 | 2686 | 4.99E-12 | 2788 | 3.97E-12 | 2890 | 9.23E-12 | 2992 | 1.13E-11 | 3094 | 1.21E-11 | 3196 | 1.74E-11 |
| 2076 | 1.94E-12 | 2178 | 2.52E-13 | 2280 | 1.34E-12 | 2382 | 3.90E-13 | 2484 | 1.04E-12 | 2586 | 2.77E-12 | 2688 | 5.25E-12 | 2790 | 3.51E-12 | 2892 | 9.37E-12 | 2994 | 1.14E-11 | 3096 | 1.20E-11 | 3198 | 1.87E-11 |


HD 20630 G5 V V=4.83 (B-V)=0.68 E(B-V)=0.00
LAP: LWP 10009
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
1800
2000
2200
2400
2600
2800
3000
3200

**HD 117176 G5 V V=4.98 (B-V)=0.71 E(B-V)=0.03**

**LAP: LWP 11114**

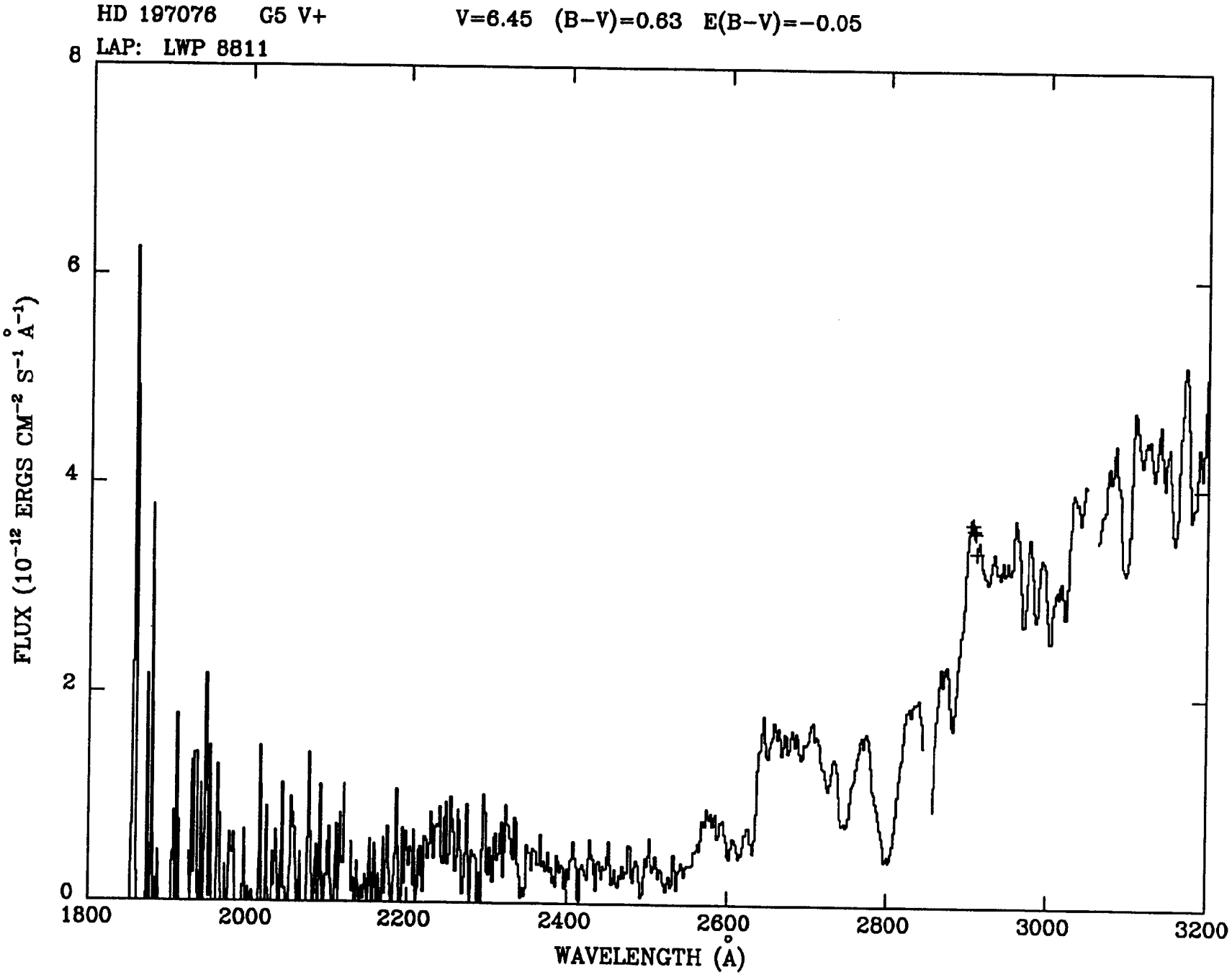
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 9.29E-14 | 2078 | 9.02E-13 | 2180 | 3.74E-13 | 2282 | 7.59E-13 | 2384 | 3.91E-13 | 2486 | 6.02E-13 | 2588 | 1.37E-12 | 2690 | 3.21E-12 | 2792 | 1.43E-12 | 2894 | 6.95E-12 | 2996 | 7.80E-12 | 3098 | 8.59E-12 |
| 1978 | 4.18E-13 | 2080 | -1.86E-13 | 2182 | 4.29E-13 | 2284 | 8.78E-13 | 2386 | 3.81E-13 | 2488 | 6.18E-13 | 2590 | 1.65E-12 | 2692 | 3.12E-12 | 2794 | 1.26E-12 | 2896 | 7.66E-12 | 2998 | 7.45E-12 | 3100 | 8.72E-12 |
| 1980 | 7.44E-13 | 2082 | -2.86E-13 | 2184 | 7.37E-13 | 2286 | 7.62E-13 | 2388 | 8.02E-13 | 2490 | 4.69E-13 | 2592 | 1.69E-12 | 2694 | 3.14E-12 | 2796 | 1.11E-12 | 2898 | 8.57E-12 | 3000 | 6.76E-12 | 3102 | 9.59E-12 |
| 1982 | 1.92E-12 | 2084 | -6.15E-13 | 2186 | 1.08E-12 | 2288 | 3.96E-13 | 2390 | 9.03E-13 | 2492 | 4.45E-13 | 2594 | 1.52E-12 | 2696 | 3.21E-12 | 2798 | 1.02E-12 | 2900 | 9.07E-12 | 3002 | 6.40E-12 | 3104 | 1.09E-11 |
| 1984 | 1.53E-12 | 2086 | -5.35E-13 | 2188 | 1.25E-12 | 2290 | 6.67E-13 | 2392 | 7.47E-13 | 2494 | 4.73E-13 | 2596 | 1.37E-12 | 2698 | 3.22E-12 | 2800 | 1.03E-12 | 2902 | 9.43E-12 | 3004 | 6.60E-12 | 3106 | 1.23E-11 |
| 1986 | 6.36E-13 | 2088 | 3.62E-13 | 2190 | 3.17E-13 | 2292 | 2.78E-13 | 2394 | 5.69E-13 | 2496 | 6.26E-13 | 2598 | 1.25E-12 | 2700 | 3.52E-12 | 2802 | 1.01E-12 | 2904 | 9.73E-12 | 3006 | 6.97E-12 | 3108 | 1.34E-11 |
| 1988 | -2.68E-14 | 2090 | 6.80E-13 | 2192 | -1.64E-13 | 2294 | 1.04E-12 | 2396 | 5.13E-13 | 2498 | 7.70E-13 | 2600 | 1.06E-12 | 2702 | 3.86E-12 | 2804 | 1.06E-12 | 2906 | 9.54E-12 | 3008 | 7.18E-12 | 3110 | 1.36E-11 |
| 1990 | 2.98E-13 | 2092 | 1.58E-12 | 2194 | 2.68E-13 | 2296 | 1.77E-12 | 2398 | 5.23E-13 | 2500 | 6.61E-13 | 2602 | 9.98E-13 | 2704 | 4.05E-12 | 2806 | 1.20E-12 | 2908 | 9.33E-12 | 3010 | 7.54E-12 | 3112 | 1.33E-11 |
| 1992 | 7.45E-13 | 2094 | 5.07E-13 | 2196 | 3.09E-13 | 2298 | 6.74E-13 | 2400 | 7.42E-13 | 2502 | 8.78E-13 | 2604 | 1.17E-12 | 2706 | 3.96E-12 | 2808 | 1.41E-12 | 2910 | 9.27E-12 | 3012 | 7.94E-12 | 3114 | 1.30E-11 |
| 1994 | 1.04E-12 | 2096 | -1.19E-12 | 2198 | 2.00E-13 | 2300 | 3.84E-13 | 2402 | 7.96E-13 | 2504 | 8.46E-13 | 2606 | 1.33E-12 | 2708 | 3.75E-12 | 2810 | 1.83E-12 | 2912 | 9.27E-12 | 3014 | 7.85E-12 | 3116 | 1.26E-11 |
| 1996 | 1.44E-12 | 2098 | -3.13E-13 | 2200 | 5.49E-13 | 2302 | 6.30E-13 | 2404 | 5.60E-13 | 2506 | 5.05E-13 | 2608 | 1.31E-12 | 2710 | 3.68E-12 | 2812 | 2.22E-12 | 2914 | 9.41E-12 | 3016 | 7.32E-12 | 3118 | 1.20E-11 |
| 1998 | 4.82E-14 | 2100 | 2.22E-13 | 2202 | 7.15E-13 | 2304 | 2.77E-13 | 2406 | 4.15E-13 | 2508 | 5.39E-13 | 2610 | 1.10E-12 | 2712 | 3.61E-12 | 2814 | 2.61E-12 | 2916 | 9.25E-12 | 3018 | 6.60E-12 | 3120 | 1.16E-11 |
| 2000 | 1.94E-14 | 2102 | 1.04E-12 | 2204 | 6.64E-13 | 2306 | -2.86E-13 | 2408 | 6.97E-13 | 2510 | 8.10E-13 | 2612 | 1.04E-12 | 2714 | 3.51E-12 | 2816 | 3.04E-12 | 2918 | 8.96E-12 | 3020 | 6.43E-12 | 3122 | 1.17E-11 |
| 2002 | -8.85E-14 | 2104 | 8.00E-13 | 2206 | 1.12E-12 | 2308 | -5.24E-14 | 2410 | 7.11E-13 | 2512 | 8.53E-13 | 2614 | 9.95E-13 | 2716 | 3.37E-12 | 2818 | 3.37E-12 | 2920 | 9.14E-12 | 3022 | 7.05E-12 | 3124 | 1.22E-11 |
| 2004 | -3.10E-13 | 2106 | 1.01E-13 | 2208 | 6.60E-13 | 2310 | 4.40E-13 | 2412 | 6.28E-13 | 2514 | 6.46E-13 | 2616 | 1.05E-12 | 2718 | 2.98E-12 | 2820 | 3.69E-12 | 2922 | 8.84E-12 | 3024 | 8.16E-12 | 3126 | 1.23E-11 |
| 2006 | 6.93E-13 | 2108 | -4.54E-13 | 2210 | 7.63E-13 | 2312 | 3.54E-13 | 2414 | 4.78E-13 | 2516 | 5.82E-13 | 2618 | 1.17E-12 | 2720 | 2.53E-12 | 2822 | 4.07E-12 | 2924 | 8.34E-12 | 3026 | 9.26E-12 | 3128 | 1.18E-11 |
| 2008 | -9.92E-13 | 2110 | -2.35E-13 | 2212 | -1.03E-13 | 2314 | 2.80E-13 | 2416 | 6.30E-13 | 2518 | 5.45E-13 | 2620 | 1.30E-12 | 2722 | 2.46E-12 | 2824 | 4.27E-12 | 2926 | 8.10E-12 | 3028 | 1.07E-11 | 3130 | 1.13E-11 |
| 2010 | -7.27E-15 | 2112 | 5.44E-13 | 2214 | 5.23E-13 | 2316 | 4.60E-13 | 2418 | 8.53E-13 | 2520 | 4.26E-13 | 2622 | 1.41E-12 | 2724 | 2.57E-12 | 2826 | 4.32E-12 | 2928 | 8.32E-12 | 3030 | 1.10E-11 | 3132 | 1.16E-11 |
| 2012 | -1.40E-13 | 2114 | 3.64E-13 | 2216 | 8.53E-13 | 2318 | 7.92E-13 | 2420 | 7.88E-13 | 2522 | 5.00E-13 | 2624 | 1.49E-12 | 2726 | 2.72E-12 | 2828 | 4.47E-12 | 2930 | 8.82E-12 | 3032 | 1.14E-11 | 3134 | 1.24E-11 |
| 2014 | 1.64E-12 | 2116 | 1.09E-12 | 2218 | 5.73E-13 | 2320 | 3.85E-13 | 2422 | 7.47E-13 | 2524 | 4.69E-13 | 2626 | 1.42E-12 | 2728 | 3.01E-12 | 2830 | 4.59E-12 | 2932 | 9.27E-12 | 3034 | 1.14E-11 | 3136 | 1.30E-11 |
| 2016 | 1.35E-12 | 2118 | 9.05E-13 | 2220 | 4.07E-13 | 2322 | 8.32E-13 | 2424 | 7.20E-13 | 2526 | 5.23E-13 | 2628 | 1.28E-12 | 2730 | 3.40E-12 | 2832 | 4.71E-12 | 2934 | 9.19E-12 | 3036 | 1.10E-11 | 3138 | 1.30E-11 |
| 2018 | -5.34E-13 | 2120 | 7.73E-13 | 2222 | 7.05E-13 | 2324 | 1.05E-12 | 2426 | 7.61E-13 | 2528 | 5.19E-13 | 2630 | 1.27E-12 | 2732 | 3.57E-12 | 2834 | 4.75E-12 | 2936 | 8.68E-12 | 3038 | 1.01E-11 | 3140 | 1.24E-11 |
| 2020 | -8.30E-13 | 2122 | 1.74E-12 | 2224 | 6.82E-13 | 2326 | 9.60E-13 | 2428 | 8.87E-13 | 2530 | 3.57E-13 | 2632 | 1.27E-12 | 2734 | 3.33E-12 | 2836 | 4.60E-12 | 2938 | 8.25E-12 | 3040 | 9.90E-12 | 3142 | 1.15E-11 |
| 2022 | 6.48E-13 | 2124 | -4.03E-13 | 2226 | 5.17E-13 | 2328 | 9.22E-13 | 2430 | 8.53E-13 | 2532 | 4.14E-13 | 2634 | 1.58E-12 | 2736 | 2.84E-12 | 2838 | 4.52E-12 | 2940 | 8.06E-12 | 3042 | 1.02E-11 | 3144 | 1.06E-11 |
| 2024 | 8.58E-13 | 2126 | -8.48E-14 | 2228 | 7.79E-13 | 2330 | 5.70E-13 | 2432 | 8.23E-13 | 2534 | 6.15E-13 | 2636 | 2.13E-12 | 2738 | 2.43E-12 | 2840 | 4.52E-12 | 2942 | 8.17E-12 | 3044 | 1.06E-11 | 3146 | 1.08E-11 |
| 2026 | 1.67E-13 | 2128 | 7.54E-13 | 2230 | 1.02E-12 | 2332 | 6.06E-13 | 2434 | 6.05E-13 | 2536 | 5.08E-13 | 2638 | 2.79E-12 | 2740 | 2.11E-12 | 2842 | 4.32E-12 | 2944 | 8.33E-12 | 3046 | 1.08E-11 | 3148 | 1.17E-11 |
| 2028 | -4.66E-13 | 2130 | 5.46E-13 | 2232 | 4.79E-13 | 2334 | 8.25E-13 | 2436 | 4.73E-13 | 2538 | 5.09E-13 | 2640 | 3.21E-12 | 2742 | 1.82E-12 | 2844 | 4.08E-12 | 2946 | 8.11E-12 | 3048 | 1.08E-11 | 3150 | 1.19E-11 |
| 2030 | 1.02E-12 | 2132 | 9.51E-15 | 2234 | 1.41E-14 | 2336 | 1.14E-12 | 2438 | 1.03E-12 | 2540 | 6.10E-13 | 2642 | 3.31E-12 | 2744 | 1.72E-12 | 2846 | | 2948 | 7.85E-12 | 3050 | 1.08E-11 | 3152 | 1.15E-11 |
| 2032 | -2.53E-14 | 2134 | -4.14E-13 | 2236 | 2.43E-13 | 2338 | 9.86E-13 | 2440 | 9.76E-13 | 2542 | 6.94E-13 | 2644 | | 2746 | 1.82E-12 | 2848 | | 2950 | 8.20E-12 | 3052 | | 3154 | 1.04E-11 |
| 2034 | 1.07E-13 | 2136 | -1.28E-13 | 2238 | 5.20E-13 | 2340 | 6.72E-13 | 2442 | 7.36E-13 | 2544 | 6.24E-13 | 2646 | | 2748 | 1.91E-12 | 2850 | | 2952 | 8.61E-12 | 3054 | | 3156 | 9.58E-12 |
| 2036 | 6.06E-13 | 2138 | -2.66E-14 | 2240 | 8.88E-13 | 2342 | 4.01E-13 | 2444 | 7.26E-13 | 2546 | 5.45E-13 | 2648 | 2.86E-12 | 2750 | 2.01E-12 | 2852 | | 2954 | 8.63E-12 | 3056 | | 3158 | 9.23E-12 |
| 2038 | 1.17E-13 | 2140 | -1.09E-13 | 2242 | 1.18E-12 | 2344 | 4.52E-13 | 2446 | 8.78E-13 | 2548 | 6.36E-13 | 2650 | 2.81E-12 | 2752 | 2.19E-12 | 2854 | | 2956 | 8.65E-12 | 3058 | | 3160 | 9.49E-12 |
| 2040 | -7.67E-13 | 2142 | 2.43E-13 | 2244 | 6.63E-13 | 2346 | 6.24E-13 | 2448 | 8.23E-13 | 2550 | 7.06E-13 | 2652 | 2.85E-12 | 2754 | 2.52E-12 | 2856 | 2.39E-12 | 2958 | 8.99E-12 | 3060 | | 3162 | 1.03E-11 |
| 2042 | 4.72E-13 | 2144 | 3.65E-13 | 2246 | 7.05E-13 | 2348 | 3.71E-13 | 2450 | 7.16E-13 | 2552 | 8.08E-13 | 2654 | 3.07E-12 | 2756 | 2.65E-12 | 2858 | 2.92E-12 | 2960 | 9.39E-12 | 3062 | 9.96E-12 | 3164 | 1.13E-11 |
| 2044 | 1.03E-12 | 2146 | 8.98E-13 | 2248 | 9.89E-13 | 2350 | 5.00E-13 | 2452 | 7.45E-13 | 2554 | 9.91E-13 | 2656 | 3.28E-12 | 2758 | 2.82E-12 | 2860 | 3.77E-12 | 2962 | 9.28E-12 | 3064 | 9.85E-12 | 3166 | 1.23E-11 |
| 2046 | -3.03E-13 | 2148 | 9.07E-13 | 2250 | 7.19E-13 | 2352 | 5.90E-13 | 2454 | 6.39E-13 | 2556 | 1.06E-12 | 2658 | 3.62E-12 | 2760 | 3.19E-12 | 2862 | 4.26E-12 | 2964 | 8.45E-12 | 3066 | 9.45E-12 | 3168 | 1.28E-11 |
| 2048 | -8.27E-13 | 2150 | 5.76E-13 | 2252 | 4.38E-13 | 2354 | 5.85E-13 | 2456 | 4.53E-13 | 2558 | 1.18E-12 | 2660 | 3.76E-12 | 2762 | 3.45E-12 | 2864 | 4.60E-12 | 2966 | 7.36E-12 | 3068 | 9.71E-12 | 3170 | 1.37E-11 |
| 2050 | -7.11E-13 | 2152 | 7.43E-14 | 2254 | 8.20E-13 | 2356 | 4.65E-13 | 2458 | 5.63E-13 | 2560 | 1.17E-12 | 2662 | 3.38E-12 | 2764 | 3.45E-12 | 2866 | 5.00E-12 | 2968 | 6.76E-12 | 3070 | 1.04E-11 | 3172 | 1.45E-11 |
| 2052 | 4.19E-14 | 2154 | 8.97E-13 | 2256 | 8.50E-13 | 2358 | 6.25E-13 | 2460 | 6.10E-13 | 2562 | 1.16E-12 | 2664 | 3.37E-12 | 2766 | 3.48E-12 | 2868 | 5.20E-12 | 2970 | 6.87E-12 | 3072 | 1.11E-11 | 3174 | 1.43E-11 |
| 2054 | 9.83E-13 | 2156 | 5.47E-13 | 2258 | 1.05E-12 | 2360 | 6.17E-13 | 2462 | 5.09E-13 | 2564 | 1.14E-12 | 2666 | 3.47E-12 | 2768 | 3.59E-12 | 2870 | 5.41E-12 | 2972 | 7.41E-12 | 3074 | 1.15E-11 | 3176 | 1.33E-11 |
| 2056 | 1.09E-12 | 2158 | 4.07E-13 | 2260 | 5.16E-13 | 2362 | 5.41E-13 | 2464 | 5.15E-13 | 2566 | 1.15E-12 | 2668 | 3.37E-12 | 2770 | 3.49E-12 | 2872 | 5.93E-12 | 2974 | 8.29E-12 | 3076 | 1.14E-11 | 3178 | 1.23E-11 |
| 2058 | 1.39E-12 | 2160 | 9.84E-13 | 2262 | 4.27E-13 | 2364 | 3.84E-13 | 2466 | 6.54E-13 | 2568 | 1.31E-12 | 2670 | 3.44E-12 | 2772 | 3.58E-12 | 2874 | 6.03E-12 | 2976 | 9.32E-12 | 3078 | 1.13E-11 | 3180 | 1.11E-11 |
| 2060 | 1.08E-12 | 2162 | 3.86E-13 | 2264 | 6.72E-13 | 2366 | 5.12E-13 | 2468 | 6.71E-13 | 2570 | 1.48E-12 | 2672 | 3.48E-12 | 2774 | 3.65E-12 | 2876 | 5.55E-12 | 2978 | 9.59E-12 | 3080 | 1.11E-11 | 3182 | 1.08E-11 |
| 2062 | 1.22E-13 | 2164 | 3.52E-15 | 2266 | 8.25E-13 | 2368 | 5.82E-13 | 2470 | 6.62E-13 | 2572 | 1.63E-12 | 2674 | 3.70E-12 | 2776 | 3.54E-12 | 2878 | 4.90E-12 | 2980 | 8.57E-12 | 3082 | 1.10E-11 | 3184 | 1.14E-11 |
| 2064 | -2.11E-13 | 2166 | 1.63E-13 | 2268 | 5.34E-13 | 2370 | 5.43E-13 | 2472 | 6.41E-13 | 2574 | 1.71E-12 | 2676 | 3.80E-12 | 2778 | 3.23E-12 | 2880 | 4.24E-12 | 2982 | 7.08E-12 | 3084 | 1.11E-11 | 3186 | 1.21E-11 |
| 2066 | 3.46E-13 | 2168 | -1.16E-13 | 2270 | 1.81E-13 | 2372 | 6.06E-13 | 2474 | 6.39E-13 | 2576 | 1.55E-12 | 2678 | 3.65E-12 | 2780 | 2.83E-12 | 2882 | 4.00E-12 | 2984 | 6.42E-12 | 3086 | 1.10E-11 | 3188 | 1.25E-11 |
| 2068 | -4.28E-13 | 2170 | 4.90E-13 | 2272 | 1.93E-13 | 2374 | 6.13E-13 | 2476 | 5.71E-13 | 2578 | 1.40E-12 | 2680 | 3.42E-12 | 2782 | 2.52E-12 | 2884 | 4.56E-12 | 2986 | 6.53E-12 | 3088 | 1.02E-11 | 3190 | 1.23E-11 |
| 2070 | -1.49E-13 | 2172 | 4.47E-13 | 2274 | 7.25E-13 | 2376 | 4.93E-13 | 2478 | 8.10E-13 | 2580 | 1.72E-12 | 2682 | 3.36E-12 | 2784 | 2.37E-12 | 2886 | 5.55E-12 | 2988 | 7.33E-12 | 3090 | 9.29E-12 | 3192 | 1.17E-11 |
| 2072 | 1.32E-13 | 2174 | 4.51E-13 | 2276 | 8.17E-13 | 2378 | 4.21E-13 | 2480 | 6.65E-13 | 2582 | 1.71E-12 | 2684 | 3.34E-12 | 2786 | 2.27E-12 | 2888 | 6.37E-12 | 2990 | 8.20E-12 | 3092 | 8.30E-12 | 3194 | 1.19E-11 |
| 2074 | 5.88E-13 | 2176 | 6.85E-13 | 2278 | 3.34E-13 | 2380 | 6.24E-13 | 2482 | 4.94E-13 | 2584 | 1.55E-12 | 2686 | 3.33E-12 | 2788 | 2.11E-12 | 2890 | 6.56E-12 | 2992 | 8.27E-12 | 3094 | 8.30E-12 | 3196 | 1.29E-11 |
| 2076 | 1.64E-12 | 2178 | 1.06E-13 | 2280 | 4.20E-13 | 2382 | 4.60E-13 | 2484 | 5.56E-13 | 2586 | 1.37E-12 | 2688 | 3.34E-12 | 2790 | 1.73E-12 | 2892 | 6.75E-12 | 2994 | 7.93E-12 | 3096 | 8.63E-12 | 3198 | 1.39E-11 |


HD 117176 G5 V
V=4.98 (B-V)=0.71 E(B-V)=0.03
LAP: LWP 11114
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

**HD 197076 G5 V+ V=6.45 (B-V)=0.63 E(B-V)=-0.05**

**LAP: LWP 8811**

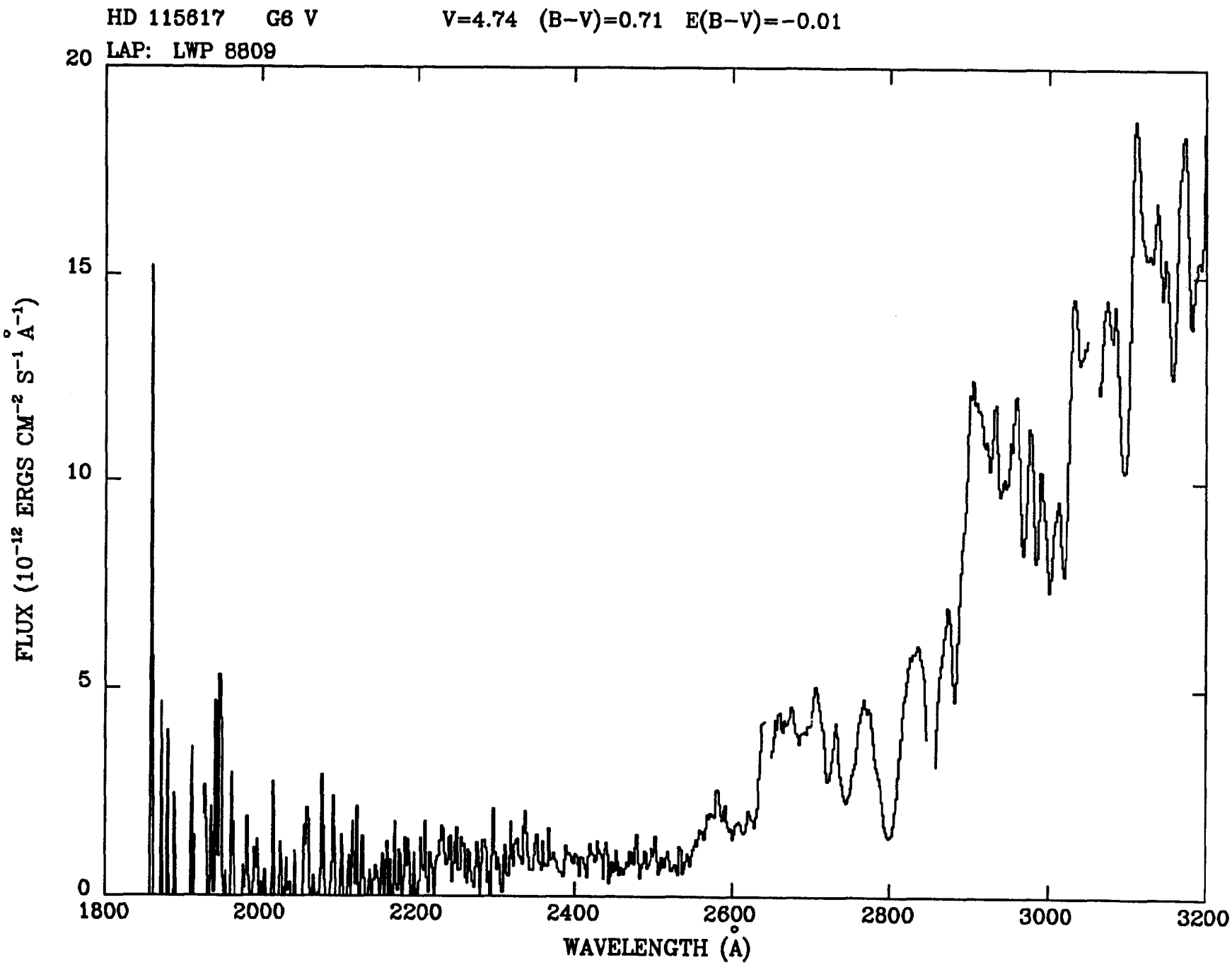
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.48E-13 | 2078 | 1.05E-12 | 2180 | -3.37E-15 | 2282 | 4.70E-13 | 2384 | 2.44E-13 | 2486 | 3.94E-13 | 2588 | 6.45E-13 | 2690 | 1.49E-12 | 2792 | 7.03E-13 | 2894 | 2.65E-12 | 2996 | 3.28E-12 | 3098 | 3.20E-12 |
| 1978 | 5.57E-13 | 2080 | 4.44E-13 | 2182 | -1.86E-14 | 2284 | 4.58E-13 | 2386 | 2.39E-13 | 2488 | 3.83E-13 | 2590 | 7.11E-13 | 2692 | 1.41E-12 | 2794 | 6.25E-13 | 2896 | 2.85E-12 | 2998 | 3.10E-12 | 3100 | 3.25E-12 |
| 1980 | 4.76E-13 | 2082 | -9.29E-14 | 2184 | 2.96E-13 | 2286 | 4.36E-13 | 2388 | 4.42E-13 | 2490 | 2.42E-13 | 2592 | 7.87E-13 | 2694 | 1.42E-12 | 2796 | 4.98E-13 | 2898 | 3.21E-12 | 3000 | 2.83E-12 | 3102 | 3.39E-12 |
| 1982 | 6.07E-13 | 2084 | 1.95E-13 | 2186 | 6.16E-13 | 2288 | 1.03E-13 | 2390 | 3.67E-13 | 2492 | 8.10E-14 | 2594 | 7.93E-13 | 2696 | 1.55E-12 | 2798 | 4.39E-13 | 2900 | 3.45E-12 | 3002 | 2.61E-12 | 3104 | 3.72E-12 |
| 1984 | -2.21E-14 | 2086 | 5.11E-13 | 2188 | 8.89E-13 | 2290 | 2.47E-13 | 2392 | 3.28E-13 | 2494 | 1.04E-13 | 2596 | 7.34E-13 | 2698 | 1.54E-12 | 2800 | 4.68E-13 | 2902 | 3.61E-12 | 3004 | 2.54E-12 | 3106 | 4.23E-12 |
| 1986 | -8.53E-14 | 2088 | 1.28E-13 | 2190 | 1.37E-13 | 2292 | 2.61E-14 | 2394 | 3.55E-13 | 2496 | 2.82E-13 | 2598 | 6.36E-13 | 2700 | 1.56E-12 | 2802 | 4.36E-13 | 2904 | 3.71E-12 | 3006 | 2.77E-12 | 3108 | 4.62E-12 |
| 1988 | -1.72E-14 | 2090 | -9.12E-14 | 2192 | -2.29E-13 | 2294 | 5.34E-13 | 2396 | 2.37E-13 | 2498 | 4.30E-13 | 2600 | 5.18E-13 | 2702 | 1.60E-12 | 2804 | 4.39E-13 | 2906 | | 3008 | 2.91E-12 | 3110 | 4.73E-12 |
| 1990 | -1.82E-13 | 2092 | 1.06E-12 | 2194 | 4.15E-13 | 2296 | 1.02E-12 | 2398 | 1.58E-13 | 2500 | 3.87E-13 | 2602 | 4.48E-13 | 2704 | 1.69E-12 | 2806 | 5.00E-13 | 2908 | | 3010 | 3.00E-12 | 3112 | 4.63E-12 |
| 1992 | 3.29E-14 | 2094 | 2.41E-13 | 2196 | 3.94E-13 | 2298 | 7.78E-13 | 2400 | 2.80E-13 | 2502 | 5.12E-13 | 2604 | 5.23E-13 | 2706 | 1.74E-12 | 2808 | 5.76E-13 | 2910 | | 3012 | 3.02E-12 | 3114 | 4.47E-12 |
| 1994 | 2.85E-13 | 2096 | -4.16E-13 | 2198 | 5.04E-13 | 2300 | 2.86E-13 | 2402 | 2.57E-13 | 2504 | 5.42E-13 | 2606 | 6.22E-13 | 2708 | 1.68E-12 | 2810 | 7.21E-13 | 2912 | 3.43E-12 | 3014 | 2.99E-12 | 3116 | 4.34E-12 |
| 1996 | 2.33E-13 | 2098 | 2.56E-13 | 2200 | 5.43E-13 | 2302 | 3.50E-13 | 2404 | 3.82E-13 | 2506 | 3.51E-13 | 2608 | 6.30E-13 | 2710 | 1.60E-12 | 2812 | 8.91E-13 | 2914 | 3.47E-12 | 3016 | 3.09E-12 | 3118 | 4.25E-12 |
| 1998 | -7.19E-13 | 2100 | 3.28E-13 | 2202 | 3.80E-13 | 2304 | 5.03E-13 | 2406 | 4.26E-13 | 2508 | 3.27E-13 | 2610 | 5.81E-13 | 2712 | 1.62E-12 | 2814 | 1.08E-12 | 2916 | 3.43E-12 | 3018 | 3.07E-12 | 3120 | 4.31E-12 |
| 2000 | -2.92E-13 | 2102 | 6.22E-13 | 2204 | 5.04E-13 | 2306 | 3.36E-13 | 2408 | 5.75E-13 | 2510 | 4.09E-13 | 2612 | 5.00E-13 | 2714 | 1.57E-12 | 2816 | 1.25E-12 | 2918 | 3.29E-12 | 3020 | 2.91E-12 | 3122 | 4.41E-12 |
| 2002 | -3.92E-14 | 2104 | 5.17E-13 | 2206 | 4.89E-13 | 2308 | 4.16E-13 | 2410 | 4.25E-13 | 2512 | 3.93E-13 | 2614 | 4.56E-13 | 2716 | 1.43E-12 | 2818 | 1.37E-12 | 2920 | 3.22E-12 | 3022 | 2.78E-12 | 3124 | 4.46E-12 |
| 2004 | 8.96E-14 | 2106 | -9.37E-15 | 2208 | 1.90E-13 | 2310 | 6.48E-13 | 2412 | 3.03E-13 | 2514 | 2.85E-13 | 2616 | 4.90E-13 | 2718 | 1.33E-12 | 2820 | 1.46E-12 | 2922 | 3.17E-12 | 3024 | 2.91E-12 | 3126 | 4.42E-12 |
| 2006 | 3.72E-14 | 2108 | -3.89E-13 | 2210 | 6.22E-13 | 2312 | 4.98E-13 | 2414 | 3.48E-14 | 2516 | 3.13E-13 | 2618 | 5.04E-13 | 2720 | 1.31E-12 | 2822 | 1.66E-12 | 2924 | 3.15E-12 | 3026 | 3.28E-12 | 3128 | 4.46E-12 |
| 2008 | -9.00E-13 | 2110 | 9.73E-14 | 2212 | 1.37E-14 | 2314 | 4.47E-13 | 2416 | 1.19E-13 | 2518 | 3.19E-13 | 2620 | 6.08E-13 | 2722 | 1.23E-12 | 2824 | 1.82E-12 | 2926 | 3.10E-12 | 3028 | 3.56E-12 | 3130 | 4.29E-12 |
| 2010 | -6.11E-13 | 2112 | 6.53E-13 | 2214 | 2.31E-13 | 2316 | 6.15E-13 | 2418 | 3.51E-13 | 2520 | 2.28E-13 | 2622 | 6.74E-13 | 2724 | 1.14E-12 | 2826 | 1.86E-12 | 2928 | 3.14E-12 | 3030 | 3.81E-12 | 3132 | 4.17E-12 |
| 2012 | -5.55E-13 | 2114 | 1.49E-13 | 2216 | 5.11E-13 | 2318 | 7.58E-13 | 2420 | 3.52E-13 | 2522 | 1.83E-13 | 2624 | 7.05E-13 | 2726 | 1.11E-12 | 2828 | 1.89E-12 | 2930 | 3.23E-12 | 3032 | 3.94E-12 | 3134 | 4.14E-12 |
| 2014 | 6.77E-13 | 2116 | 6.73E-13 | 2218 | 4.38E-13 | 2320 | 3.06E-13 | 2422 | 2.98E-13 | 2524 | 1.27E-13 | 2626 | 7.37E-13 | 2728 | 1.19E-12 | 2830 | 1.84E-12 | 2932 | 3.33E-12 | 3034 | 3.93E-12 | 3136 | 4.28E-12 |
| 2016 | 8.35E-13 | 2118 | 4.90E-13 | 2220 | 1.88E-13 | 2322 | 4.97E-13 | 2424 | 2.52E-13 | 2526 | 2.16E-13 | 2628 | 6.46E-13 | 2730 | 1.30E-12 | 2832 | 1.89E-12 | 2934 | 3.35E-12 | 3036 | 3.87E-12 | 3138 | 4.44E-12 |
| 2018 | -5.44E-13 | 2120 | 3.71E-13 | 2222 | 3.70E-13 | 2324 | 9.22E-13 | 2426 | 3.52E-13 | 2528 | 2.47E-13 | 2630 | 5.94E-13 | 2732 | 1.39E-12 | 2834 | 1.94E-12 | 2936 | 3.25E-12 | 3038 | 3.88E-12 | 3140 | 4.58E-12 |
| 2020 | -5.48E-13 | 2122 | 1.13E-12 | 2224 | 6.14E-13 | 2326 | 7.54E-13 | 2428 | 5.49E-13 | 2530 | 1.72E-13 | 2632 | 5.13E-13 | 2734 | 1.40E-12 | 2836 | 1.93E-12 | 2938 | 3.20E-12 | 3040 | 3.79E-12 | 3142 | 4.44E-12 |
| 2022 | 3.84E-13 | 2124 | | 2226 | 4.85E-13 | 2328 | 7.08E-13 | 2430 | 5.06E-13 | 2532 | 2.92E-13 | 2634 | 6.08E-13 | 2736 | 1.34E-12 | 2838 | 1.95E-12 | 2940 | 3.17E-12 | 3042 | 3.69E-12 | 3144 | 4.19E-12 |
| 2024 | 4.37E-13 | 2126 | | 2228 | 5.17E-13 | 2330 | 5.74E-13 | 2432 | 4.35E-13 | 2534 | 4.18E-13 | 2636 | 8.52E-13 | 2738 | 1.17E-12 | 2840 | 1.96E-12 | 2942 | 3.19E-12 | 3044 | 3.82E-12 | 3146 | 4.04E-12 |
| 2026 | -6.01E-14 | 2128 | | 2230 | 7.88E-13 | 2332 | 4.51E-13 | 2434 | 3.01E-13 | 2536 | 2.47E-13 | 2638 | 1.29E-12 | 2740 | 9.36E-13 | 2842 | 1.83E-12 | 2944 | 3.28E-12 | 3046 | 3.95E-12 | 3148 | 4.22E-12 |
| 2028 | -5.12E-13 | 2130 | 4.33E-13 | 2232 | 7.65E-13 | 2334 | 6.01E-13 | 2436 | 1.42E-13 | 2538 | 2.28E-13 | 2640 | 1.47E-12 | 2742 | 7.93E-13 | 2844 | 1.70E-12 | 2946 | 3.21E-12 | 3048 | 4.04E-12 | 3150 | 4.33E-12 |
| 2030 | 2.54E-13 | 2132 | 1.46E-13 | 2234 | 4.59E-13 | 2336 | 7.98E-13 | 2438 | 3.90E-13 | 2540 | 3.15E-13 | 2642 | 1.51E-12 | 2744 | 7.73E-13 | 2846 | 1.53E-12 | 2948 | 3.19E-12 | 3050 | 4.03E-12 | 3152 | 4.40E-12 |
| 2032 | 1.98E-13 | 2134 | -3.51E-14 | 2236 | 7.11E-13 | 2338 | 5.53E-13 | 2440 | 3.90E-13 | 2542 | 3.72E-13 | 2644 | 1.69E-12 | 2746 | 7.90E-13 | 2848 | | 2950 | 3.29E-12 | 3052 | | 3154 | 4.10E-12 |
| 2034 | 3.67E-13 | 2136 | 1.42E-14 | 2238 | 7.48E-13 | 2340 | 3.01E-13 | 2442 | 3.02E-13 | 2544 | 3.70E-13 | 2646 | 1.74E-12 | 2748 | 7.62E-13 | 2850 | | 2952 | 3.21E-12 | 3054 | | 3156 | 3.81E-12 |
| 2036 | 6.44E-13 | 2138 | 2.86E-13 | 2240 | 7.58E-13 | 2342 | 1.25E-13 | 2444 | 2.69E-13 | 2546 | 2.86E-13 | 2648 | 1.52E-12 | 2750 | 7.72E-13 | 2852 | | 2954 | 3.19E-12 | 3056 | | 3158 | 3.56E-12 |
| 2038 | -8.44E-14 | 2140 | 6.71E-14 | 2242 | 7.98E-13 | 2344 | 1.21E-13 | 2446 | 3.51E-13 | 2548 | 3.39E-13 | 2650 | 1.42E-12 | 2752 | 8.53E-13 | 2854 | | 2956 | 3.30E-12 | 3058 | | 3160 | 3.52E-12 |
| 2040 | -3.28E-13 | 2142 | 1.02E-13 | 2244 | 4.16E-13 | 2346 | 8.41E-14 | 2448 | 3.30E-13 | 2550 | 3.69E-13 | 2652 | 1.47E-12 | 2754 | 1.01E-12 | 2856 | 9.15E-13 | 2958 | 3.58E-12 | 3060 | | 3162 | 3.62E-12 |
| 2042 | 6.44E-13 | 2144 | 5.88E-14 | 2246 | 5.31E-13 | 2348 | 1.37E-13 | 2450 | 3.87E-13 | 2552 | 3.69E-13 | 2654 | 1.55E-12 | 2756 | 1.15E-12 | 2858 | 1.07E-12 | 2960 | 3.69E-12 | 3062 | 3.50E-12 | 3164 | 3.90E-12 |
| 2044 | 8.30E-13 | 2146 | 1.40E-13 | 2248 | 8.81E-13 | 2350 | 5.35E-13 | 2452 | 5.32E-13 | 2554 | 3.65E-13 | 2656 | 1.60E-12 | 2758 | 1.18E-12 | 2860 | 1.46E-12 | 2962 | 3.60E-12 | 3064 | 3.52E-12 | 3166 | 4.34E-12 |
| 2046 | 1.21E-13 | 2148 | 2.51E-13 | 2250 | 6.66E-13 | 2352 | 4.85E-13 | 2454 | 4.63E-13 | 2556 | 3.97E-13 | 2658 | 1.71E-12 | 2760 | 1.24E-12 | 2862 | 1.74E-12 | 2964 | 3.46E-12 | 3066 | 3.63E-12 | 3168 | 4.62E-12 |
| 2048 | 1.44E-15 | 2150 | 1.05E-13 | 2252 | 4.18E-13 | 2354 | 4.59E-13 | 2456 | 2.55E-13 | 2558 | 5.04E-13 | 2660 | 1.70E-12 | 2762 | 1.36E-12 | 2864 | 1.91E-12 | 2966 | 3.20E-12 | 3068 | 3.75E-12 | 3170 | 4.92E-12 |
| 2050 | -1.43E-13 | 2152 | 3.90E-15 | 2254 | 7.92E-13 | 2356 | 3.56E-13 | 2458 | 2.32E-13 | 2560 | 5.08E-13 | 2662 | 1.61E-12 | 2764 | 1.45E-12 | 2866 | 2.12E-12 | 2968 | 2.84E-12 | 3070 | 3.77E-12 | 3172 | 5.15E-12 |
| 2052 | 1.25E-13 | 2154 | 5.55E-13 | 2256 | 8.76E-13 | 2358 | 5.19E-13 | 2460 | 3.13E-13 | 2562 | 5.46E-13 | 2664 | 1.69E-12 | 2766 | 1.52E-12 | 2868 | 2.27E-12 | 2970 | 2.70E-12 | 3072 | 3.84E-12 | 3174 | 5.08E-12 |
| 2054 | 7.69E-13 | 2156 | 1.47E-13 | 2258 | 7.07E-13 | 2360 | 5.00E-13 | 2462 | 2.13E-13 | 2564 | 5.55E-13 | 2666 | 1.60E-12 | 2768 | 1.60E-12 | 2870 | 2.13E-12 | 2972 | 2.81E-12 | 3074 | 4.09E-12 | 3176 | 4.71E-12 |
| 2056 | 8.96E-13 | 2158 | -5.99E-15 | 2260 | 3.76E-13 | 2362 | 4.46E-13 | 2464 | 1.64E-13 | 2566 | 5.68E-13 | 2668 | 1.45E-12 | 2770 | 1.56E-12 | 2872 | 2.24E-12 | 2974 | 3.05E-12 | 3076 | 4.20E-12 | 3178 | 4.14E-12 |
| 2058 | 7.43E-13 | 2160 | 5.38E-13 | 2262 | 4.14E-13 | 2364 | 3.70E-13 | 2466 | 2.73E-13 | 2568 | 7.22E-13 | 2670 | 1.54E-12 | 2772 | 1.58E-12 | 2874 | 2.29E-12 | 2976 | 3.36E-12 | 3078 | 4.17E-12 | 3180 | 3.75E-12 |
| 2060 | 4.53E-13 | 2162 | 1.39E-13 | 2264 | 8.67E-13 | 2366 | 5.31E-13 | 2468 | 2.57E-13 | 2570 | 8.06E-13 | 2672 | 1.64E-12 | 2774 | 1.64E-12 | 2876 | 2.27E-12 | 2978 | 3.51E-12 | 3080 | 4.11E-12 | 3182 | 3.76E-12 |
| 2062 | -5.20E-14 | 2164 | -1.13E-14 | 2266 | 7.79E-13 | 2368 | 4.77E-13 | 2470 | 3.49E-13 | 2572 | 7.67E-13 | 2674 | 1.58E-12 | 2776 | 1.61E-12 | 2878 | 2.09E-12 | 2980 | 3.39E-12 | 3082 | 4.24E-12 | 3184 | 3.83E-12 |
| 2064 | -3.01E-14 | 2166 | 1.18E-13 | 2268 | 4.38E-13 | 2370 | 3.88E-13 | 2472 | 2.64E-13 | 2574 | 8.74E-13 | 2676 | 1.47E-12 | 2778 | 1.52E-12 | 2880 | 1.83E-12 | 2982 | 3.16E-12 | 3084 | 4.39E-12 | 3186 | 3.88E-12 |
| 2066 | 4.01E-13 | 2168 | -1.50E-13 | 2270 | 1.19E-13 | 2372 | 3.36E-13 | 2474 | 3.02E-13 | 2576 | 8.54E-13 | 2678 | 1.54E-12 | 2780 | 1.34E-12 | 2882 | 1.71E-12 | 2984 | 2.83E-12 | 3086 | 4.25E-12 | 3188 | 4.19E-12 |
| 2068 | -2.52E-13 | 2170 | 3.65E-13 | 2272 | 2.96E-13 | 2374 | 3.39E-13 | 2476 | 3.90E-13 | 2578 | 8.16E-13 | 2680 | 1.64E-12 | 2782 | 1.11E-12 | 2884 | 1.79E-12 | 2986 | 2.75E-12 | 3088 | 4.07E-12 | 3190 | 4.36E-12 |
| 2070 | -2.89E-13 | 2172 | 2.16E-13 | 2274 | 6.36E-13 | 2376 | 4.66E-13 | 2478 | 5.59E-13 | 2580 | 8.68E-13 | 2682 | 1.64E-12 | 2784 | 1.06E-12 | 2886 | 1.97E-12 | 2988 | 2.87E-12 | 3090 | 3.98E-12 | 3192 | 4.20E-12 |
| 2072 | -3.00E-13 | 2174 | 3.24E-13 | 2276 | 7.49E-13 | 2378 | 3.11E-13 | 2480 | 4.04E-13 | 2582 | 7.62E-13 | 2684 | 1.55E-12 | 2786 | 9.75E-13 | 2888 | 2.22E-12 | 2990 | 3.14E-12 | 3092 | 3.60E-12 | 3194 | 4.21E-12 |
| 2074 | 5.63E-14 | 2176 | 6.75E-13 | 2278 | 1.59E-13 | 2380 | 3.35E-13 | 2482 | 2.29E-13 | 2584 | 8.47E-13 | 2686 | 1.60E-12 | 2788 | 8.97E-13 | 2890 | 2.39E-12 | 2992 | 3.29E-12 | 3094 | 3.30E-12 | 3196 | 4.54E-12 |
| 2076 | 9.77E-13 | 2178 | 3.34E-13 | 2280 | 1.84E-13 | 2382 | 2.07E-13 | 2484 | 3.02E-13 | 2586 | 8.11E-13 | 2688 | 1.62E-12 | 2790 | 7.98E-13 | 2892 | 2.56E-12 | 2994 | 3.32E-12 | 3096 | 3.24E-12 | 3198 | 4.92E-12 |


HD 197076 G5 V+
V=6.45 (B-V)=0.63 E(B-V)=-0.05
LAP: LWP 8811
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

HD 115617 G6 V V=4.74 (B-V)=0.71 E(B-V)=-0.01

LAP: LWP 8809

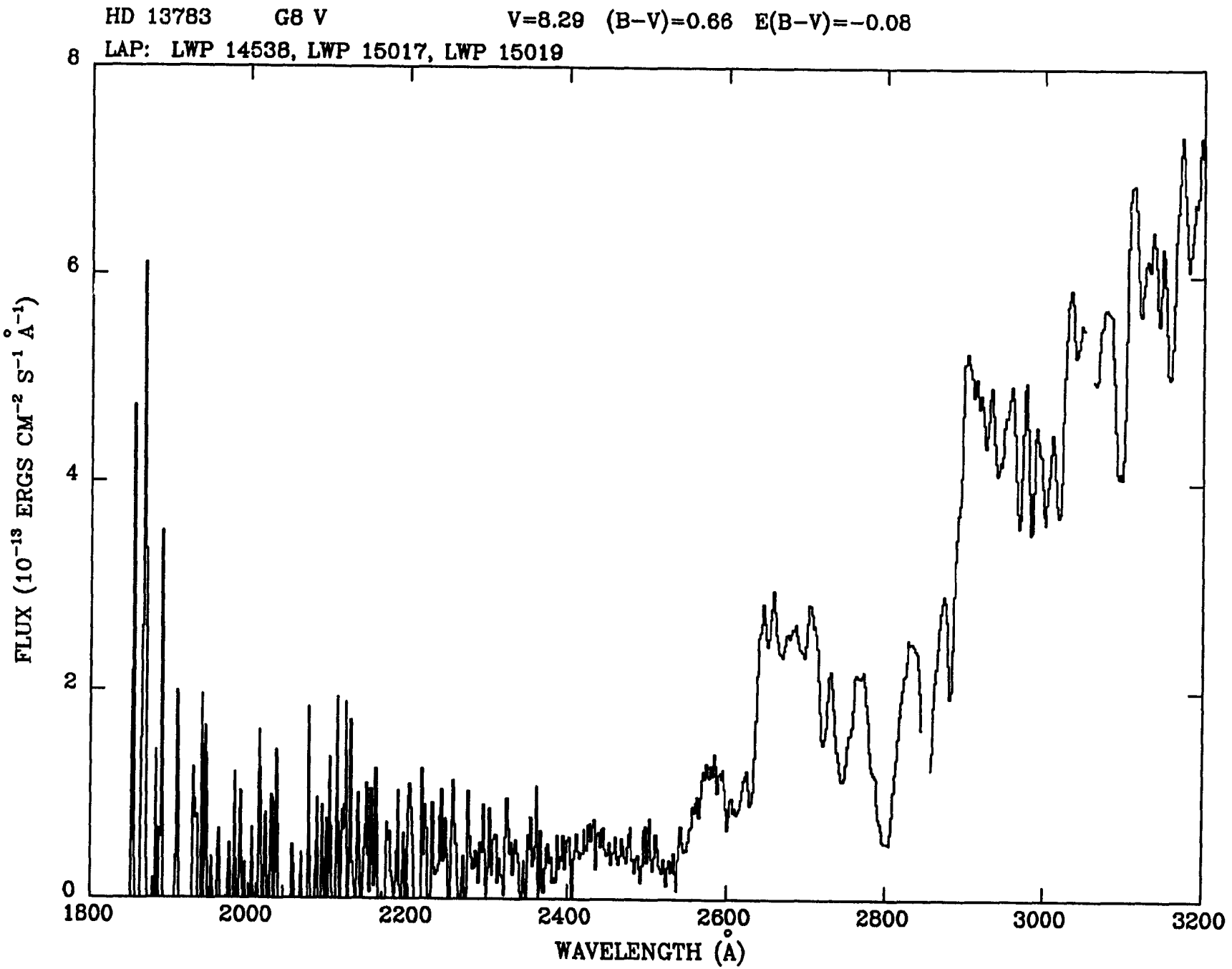
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.22E-13 | 2078 | 2.31E-12 | 2180 | -1.41E-13 | 2282 | 1.14E-12 | 2384 | 5.61E-13 | 2486 | 7.63E-13 | 2588 | 1.93E-12 | 2690 | 3.96E-12 | 2792 | 1.90E-12 | 2894 | 9.25E-12 | 2996 | 8.91E-12 | 3098 | 1.03E-11 |
| 1978 | 3.76E-13 | 2080 | 9.69E-13 | 2182 | 5.96E-13 | 2284 | 1.37E-12 | 2386 | 5.85E-13 | 2488 | 1.02E-12 | 2590 | 2.14E-12 | 2692 | 3.99E-12 | 2794 | 1.67E-12 | 2896 | 1.01E-11 | 2998 | 8.25E-12 | 3100 | 1.09E-11 |
| 1980 | 4.57E-13 | 2082 | -2.92E-13 | 2184 | 1.29E-12 | 2286 | 1.23E-12 | 2388 | 9.93E-13 | 2490 | 1.07E-12 | 2592 | 2.06E-12 | 2694 | 3.94E-12 | 2796 | 1.54E-12 | 2898 | 1.13E-11 | 3000 | 7.55E-12 | 3102 | 1.23E-11 |
| 1982 | 1.58E-12 | 2084 | -2.64E-13 | 2186 | 9.01E-13 | 2288 | 5.07E-13 | 2390 | 1.16E-12 | 2492 | 7.25E-13 | 2594 | 1.76E-12 | 2696 | 4.12E-12 | 2798 | 1.46E-12 | 2900 | 1.21E-11 | 3002 | 7.59E-12 | 3104 | 1.41E-11 |
| 1984 | 6.86E-13 | 2086 | -6.73E-13 | 2188 | 1.29E-12 | 2290 | 5.50E-13 | 2392 | 1.03E-12 | 2494 | 7.66E-13 | 2596 | 1.63E-12 | 2698 | 4.12E-12 | 2800 | 1.47E-12 | 2902 | 1.21E-11 | 3004 | 8.09E-12 | 3106 | 1.62E-11 |
| 1986 | -2.86E-13 | 2088 | 9.31E-14 | 2190 | 2.83E-13 | 2292 | 6.00E-14 | 2394 | 1.01E-12 | 2496 | 8.98E-13 | 2598 | 1.62E-12 | 2700 | 4.22E-12 | 2802 | 1.51E-12 | 2904 | 1.25E-11 | 3006 | 8.69E-12 | 3108 | 1.78E-11 |
| 1988 | -4.49E-13 | 2090 | 7.40E-13 | 2192 | -7.09E-13 | 2294 | 1.04E-12 | 2396 | 9.04E-13 | 2498 | 1.14E-12 | 2600 | 1.48E-12 | 2702 | 4.58E-12 | 2804 | 1.70E-12 | 2906 | 1.23E-11 | 3008 | 9.07E-12 | 3110 | 1.86E-11 |
| 1990 | 4.10E-13 | 2092 | 2.34E-12 | 2194 | 3.91E-13 | 2296 | 2.02E-12 | 2398 | 8.10E-13 | 2500 | 1.01E-12 | 2602 | 1.49E-12 | 2704 | 4.92E-12 | 2806 | 2.01E-12 | 2908 | 1.19E-11 | 3010 | 9.37E-12 | 3112 | 1.86E-11 |
| 1992 | 1.09E-12 | 2094 | 1.51E-12 | 2196 | 3.61E-13 | 2298 | 1.01E-12 | 2400 | 9.53E-13 | 2502 | 1.21E-12 | 2604 | 1.69E-12 | 2706 | 5.00E-12 | 2808 | 2.38E-12 | 2910 | 1.18E-11 | 3012 | 9.53E-12 | 3114 | 1.79E-11 |
| 1994 | 8.54E-13 | 2096 | -1.16E-12 | 2198 | 6.13E-14 | 2300 | 7.12E-13 | 2402 | 9.85E-13 | 2504 | 1.25E-12 | 2606 | 1.78E-12 | 2708 | 4.82E-12 | 2810 | 2.90E-12 | 2912 | 1.17E-11 | 3014 | 9.15E-12 | 3116 | 1.70E-11 |
| 1996 | 9.35E-13 | 2098 | -7.78E-13 | 2200 | 1.53E-13 | 2302 | 8.82E-13 | 2404 | 7.90E-13 | 2506 | 7.31E-13 | 2608 | 1.82E-12 | 2710 | 4.59E-12 | 2812 | 3.43E-12 | 2914 | 1.17E-11 | 3016 | 8.38E-12 | 3118 | 1.61E-11 |
| 1998 | -5.59E-13 | 2100 | -3.36E-14 | 2202 | 3.19E-13 | 2304 | 6.05E-13 | 2406 | 5.28E-13 | 2508 | 5.91E-13 | 2610 | 1.75E-12 | 2712 | 4.34E-12 | 2814 | 3.92E-12 | 2916 | 1.15E-11 | 3018 | 7.91E-12 | 3120 | 1.59E-11 |
| 2000 | -6.87E-13 | 2102 | 1.08E-12 | 2204 | 1.26E-12 | 2306 | 2.02E-13 | 2408 | 9.33E-13 | 2510 | 8.13E-13 | 2612 | 1.60E-12 | 2714 | 4.12E-12 | 2816 | 4.45E-12 | 2918 | 1.10E-11 | 3020 | 7.91E-12 | 3122 | 1.56E-11 |
| 2002 | -2.04E-13 | 2104 | 8.19E-13 | 2206 | 7.61E-13 | 2308 | 5.48E-13 | 2410 | 9.16E-13 | 2512 | 8.14E-13 | 2614 | 1.55E-12 | 2716 | 3.72E-12 | 2818 | 4.78E-12 | 2920 | 1.08E-11 | 3022 | 8.58E-12 | 3124 | 1.55E-11 |
| 2004 | 5.34E-13 | 2106 | -3.53E-13 | 2208 | 6.84E-13 | 2310 | 1.13E-12 | 2412 | 7.68E-13 | 2514 | 7.13E-13 | 2616 | 1.55E-12 | 2718 | 3.13E-12 | 2820 | 5.00E-12 | 2922 | 1.10E-11 | 3024 | 9.77E-12 | 3126 | 1.54E-11 |
| 2006 | 3.76E-13 | 2108 | -4.86E-13 | 2210 | 1.67E-12 | 2312 | 7.87E-13 | 2414 | 6.09E-13 | 2516 | 8.94E-13 | 2618 | 1.65E-12 | 2720 | 2.83E-12 | 2822 | 5.37E-12 | 2924 | 1.07E-11 | 3026 | 1.14E-11 | 3128 | 1.55E-11 |
| 2008 | -1.63E-12 | 2110 | 3.46E-13 | 2212 | 3.78E-13 | 2314 | 5.16E-13 | 2416 | 6.23E-13 | 2518 | 1.06E-12 | 2620 | 1.90E-12 | 2722 | 2.84E-12 | 2824 | 5.67E-12 | 2926 | 1.03E-11 | 3028 | 1.28E-11 | 3130 | 1.54E-11 |
| 2010 | -1.14E-12 | 2112 | 9.40E-13 | 2214 | 3.25E-13 | 2316 | 8.71E-13 | 2418 | 1.08E-12 | 2520 | 9.13E-13 | 2622 | 2.04E-12 | 2724 | 3.03E-12 | 2826 | 5.75E-12 | 2928 | 1.07E-11 | 3030 | 1.39E-11 | 3132 | 1.55E-11 |
| 2012 | -3.65E-13 | 2114 | 2.17E-13 | 2216 | 9.68E-13 | 2318 | 1.69E-12 | 2420 | 1.18E-12 | 2522 | 6.45E-13 | 2624 | 1.93E-12 | 2726 | 3.32E-12 | 2828 | 5.81E-12 | 2930 | 1.12E-11 | 3032 | 1.44E-11 | 3134 | 1.59E-11 |
| 2014 | 1.20E-12 | 2116 | 1.44E-12 | 2218 | 7.42E-13 | 2320 | 9.94E-13 | 2422 | 1.03E-12 | 2524 | 6.23E-13 | 2626 | 1.87E-12 | 2728 | 3.66E-12 | 2830 | 5.86E-12 | 2932 | 1.18E-11 | 3034 | 1.43E-11 | 3136 | 1.65E-11 |
| 2016 | 1.63E-12 | 2118 | 1.16E-12 | 2220 | 2.64E-13 | 2322 | 7.68E-13 | 2424 | 9.18E-13 | 2526 | 7.23E-13 | 2628 | 1.75E-12 | 2730 | 4.05E-12 | 2832 | 5.92E-12 | 2934 | 1.15E-11 | 3036 | 1.38E-11 | 3138 | 1.67E-11 |
| 2018 | -8.07E-13 | 2120 | 3.23E-13 | 2222 | 3.04E-13 | 2324 | 1.27E-12 | 2426 | 8.67E-13 | 2528 | 7.39E-13 | 2630 | 1.88E-12 | 2732 | 4.11E-12 | 2834 | 6.04E-12 | 2936 | 1.04E-11 | 3038 | 1.31E-11 | 3140 | 1.62E-11 |
| 2020 | -1.87E-12 | 2122 | 2.08E-12 | 2224 | 9.08E-13 | 2326 | 1.37E-12 | 2428 | 1.18E-12 | 2530 | 5.78E-13 | 2632 | 2.11E-12 | 2734 | 3.66E-12 | 2836 | 6.02E-12 | 2938 | 9.78E-12 | 3040 | 1.29E-11 | 3142 | 1.54E-11 |
| 2022 | -8.70E-13 | 2124 | 8.36E-14 | 2226 | 9.75E-13 | 2328 | 1.29E-12 | 2430 | 1.20E-12 | 2532 | 7.66E-13 | 2634 | 2.76E-12 | 2736 | 3.10E-12 | 2838 | 5.75E-12 | 2940 | 9.74E-12 | 3042 | 1.30E-11 | 3144 | 1.47E-11 |
| 2024 | 9.75E-13 | 2126 | -4.23E-13 | 2228 | 1.24E-12 | 2330 | 9.59E-13 | 2432 | 1.05E-12 | 2534 | 1.19E-12 | 2636 | 3.46E-12 | 2738 | 2.83E-12 | 2840 | 5.56E-12 | 2942 | 9.94E-12 | 3044 | 1.31E-11 | 3146 | 1.47E-11 |
| 2026 | 1.02E-12 | 2128 | 1.37E-12 | 2230 | 1.62E-12 | 2332 | 8.65E-13 | 2434 | 9.37E-13 | 2536 | 8.81E-13 | 2638 | 4.14E-12 | 2740 | 2.59E-12 | 2842 | 5.20E-12 | 2944 | 1.01E-11 | 3046 | 1.33E-11 | 3148 | 1.53E-11 |
| 2028 | -6.84E-13 | 2130 | 1.14E-12 | 2232 | 1.64E-12 | 2334 | 1.20E-12 | 2436 | 4.57E-13 | 2538 | 6.20E-13 | 2640 | 4.20E-12 | 2742 | 2.40E-12 | 2844 | 4.45E-12 | 2946 | 9.93E-12 | 3048 | 1.33E-11 | 3150 | 1.52E-11 |
| 2030 | -6.79E-13 | 2132 | 2.75E-13 | 2234 | 1.09E-12 | 2336 | 1.88E-12 | 2438 | 1.16E-12 | 2540 | 7.79E-13 | 2642 | 4.23E-12 | 2744 | 2.31E-12 | 2846 | 3.84E-12 | 2948 | 9.94E-12 | 3050 | 1.34E-11 | 3152 | 1.45E-11 |
| 2032 | 6.93E-13 | 2134 | -4.31E-13 | 2236 | 7.88E-13 | 2338 | 1.77E-12 | 2440 | 1.26E-12 | 2542 | 9.78E-13 | 2644 | | 2746 | 2.39E-12 | 2848 | | 2950 | 1.03E-11 | 3052 | | 3154 | 1.36E-11 |
| 2034 | 1.61E-13 | 2136 | -2.93E-13 | 2238 | 9.35E-13 | 2340 | 1.19E-12 | 2442 | 8.73E-13 | 2544 | 9.73E-13 | 2646 | | 2748 | 2.48E-12 | 2850 | | 2952 | 1.09E-11 | 3054 | | 3156 | 1.27E-11 |
| 2036 | 3.10E-13 | 2138 | 5.14E-13 | 2240 | 1.43E-12 | 2342 | 7.56E-13 | 2444 | 3.65E-13 | 2546 | 7.82E-13 | 2648 | 3.39E-12 | 2750 | 2.63E-12 | 2852 | | 2954 | 1.08E-11 | 3056 | | 3158 | 1.26E-11 |
| 2038 | 1.04E-13 | 2140 | 5.09E-14 | 2242 | 1.19E-12 | 2344 | 6.51E-13 | 2446 | 6.08E-13 | 2548 | 9.55E-13 | 2650 | 3.45E-12 | 2752 | 2.96E-12 | 2854 | | 2956 | 1.15E-11 | 3058 | | 3160 | 1.32E-11 |
| 2040 | -1.05E-12 | 2142 | 2.09E-13 | 2244 | 4.84E-13 | 2346 | 6.46E-13 | 2448 | 7.33E-13 | 2550 | 1.13E-12 | 2652 | 3.70E-12 | 2754 | 3.13E-12 | 2856 | 3.16E-12 | 2958 | 1.21E-11 | 3060 | | 3162 | 1.44E-11 |
| 2042 | -9.94E-14 | 2144 | 3.85E-13 | 2246 | 9.74E-13 | 2348 | 9.41E-13 | 2450 | 6.00E-13 | 2552 | 1.24E-12 | 2654 | 4.09E-12 | 2756 | 3.30E-12 | 2858 | 3.75E-12 | 2960 | 1.20E-11 | 3062 | 1.24E-11 | 3164 | 1.59E-11 |
| 2044 | 4.03E-13 | 2146 | 6.78E-13 | 2248 | 1.48E-12 | 2350 | 1.29E-12 | 2452 | 8.92E-13 | 2554 | 1.37E-12 | 2656 | 4.12E-12 | 2758 | 3.72E-12 | 2860 | 4.58E-12 | 2962 | 1.14E-11 | 3064 | 1.22E-11 | 3166 | 1.70E-11 |
| 2046 | -8.81E-13 | 2148 | 6.14E-13 | 2250 | 1.15E-12 | 2352 | 1.47E-12 | 2454 | 9.53E-13 | 2556 | 1.26E-12 | 2658 | 4.30E-12 | 2760 | 4.07E-12 | 2862 | 5.22E-12 | 2964 | 1.01E-11 | 3066 | 1.25E-11 | 3168 | 1.75E-11 |
| 2048 | -1.75E-13 | 2150 | 4.10E-13 | 2252 | 6.38E-13 | 2354 | 8.33E-13 | 2456 | 6.36E-13 | 2558 | 1.47E-12 | 2660 | 4.44E-12 | 2762 | 4.30E-12 | 2864 | 5.55E-12 | 2966 | 8.94E-12 | 3068 | 1.34E-11 | 3170 | 1.80E-11 |
| 2050 | -5.84E-13 | 2152 | -7.83E-14 | 2254 | 1.12E-12 | 2356 | 7.54E-13 | 2458 | 6.53E-13 | 2560 | 1.60E-12 | 2662 | 4.13E-12 | 2764 | 4.49E-12 | 2866 | 5.84E-12 | 2968 | 8.38E-12 | 3070 | 1.40E-11 | 3172 | 1.84E-11 |
| 2052 | -5.68E-13 | 2154 | 8.49E-13 | 2256 | 1.29E-12 | 2358 | 8.16E-13 | 2460 | 6.63E-13 | 2562 | 1.56E-12 | 2664 | 4.00E-12 | 2766 | 4.67E-12 | 2868 | 6.26E-12 | 2970 | 8.53E-12 | 3072 | 1.43E-11 | 3174 | 1.78E-11 |
| 2054 | 1.08E-12 | 2156 | 6.50E-13 | 2258 | 1.27E-12 | 2360 | 1.15E-12 | 2462 | 5.55E-13 | 2564 | 1.50E-12 | 2666 | 4.25E-12 | 2768 | 4.66E-12 | 2870 | 6.62E-12 | 2972 | 9.24E-12 | 3074 | 1.44E-11 | 3176 | 1.64E-11 |
| 2056 | 1.38E-12 | 2158 | -5.58E-14 | 2260 | 6.16E-13 | 2362 | 7.71E-13 | 2464 | 6.71E-13 | 2566 | 1.53E-12 | 2668 | 4.15E-12 | 2770 | 4.48E-12 | 2872 | 6.97E-12 | 2974 | 1.02E-11 | 3076 | 1.41E-11 | 3178 | 1.50E-11 |
| 2058 | 1.91E-12 | 2160 | 1.03E-12 | 2262 | 3.40E-13 | 2364 | 7.33E-13 | 2466 | 8.29E-13 | 2568 | 1.84E-12 | 2670 | 4.20E-12 | 2772 | 4.51E-12 | 2874 | 6.86E-12 | 2976 | 1.11E-11 | 3078 | 1.38E-11 | 3180 | 1.39E-11 |
| 2060 | 1.90E-12 | 2162 | 7.37E-13 | 2264 | 1.10E-12 | 2366 | 1.24E-12 | 2468 | 7.67E-13 | 2570 | 1.93E-12 | 2672 | 4.29E-12 | 2774 | 4.48E-12 | 2876 | 6.44E-12 | 2978 | 1.12E-11 | 3080 | 1.35E-11 | 3182 | 1.38E-11 |
| 2062 | 3.39E-13 | 2164 | 4.54E-13 | 2266 | 1.04E-12 | 2368 | 1.19E-12 | 2470 | 1.04E-12 | 2572 | 1.98E-12 | 2674 | 4.42E-12 | 2776 | 4.18E-12 | 2878 | 5.72E-12 | 2980 | 1.04E-11 | 3082 | 1.36E-11 | 3184 | 1.45E-11 |
| 2064 | -5.00E-13 | 2166 | 5.00E-13 | 2268 | 5.66E-13 | 2370 | 9.02E-13 | 2472 | 8.78E-13 | 2574 | 1.98E-12 | 2676 | 4.56E-12 | 2778 | 3.77E-12 | 2880 | 4.97E-12 | 2982 | 9.00E-12 | 3084 | 1.41E-11 | 3186 | 1.50E-11 |
| 2066 | 4.70E-13 | 2168 | -4.26E-13 | 2270 | 3.28E-13 | 2372 | 1.02E-12 | 2474 | 9.78E-13 | 2576 | 1.98E-12 | 2678 | 4.38E-12 | 2780 | 3.36E-12 | 2882 | 5.00E-12 | 2984 | 8.08E-12 | 3086 | 1.39E-11 | 3188 | 1.51E-11 |
| 2068 | 1.33E-13 | 2170 | 1.05E-12 | 2272 | 3.46E-13 | 2374 | 9.35E-13 | 2476 | 9.20E-13 | 2578 | 1.93E-12 | 2680 | 4.09E-12 | 2782 | 3.13E-12 | 2884 | 5.78E-12 | 2986 | 8.34E-12 | 3088 | 1.30E-11 | 3190 | 1.54E-11 |
| 2070 | -6.77E-13 | 2172 | 6.61E-13 | 2274 | 9.24E-13 | 2376 | 8.52E-13 | 2478 | 1.33E-12 | 2580 | 2.52E-12 | 2682 | 3.92E-12 | 2784 | 3.02E-12 | 2886 | 6.74E-12 | 2988 | 9.41E-12 | 3090 | 1.19E-11 | 3192 | 1.53E-11 |
| 2072 | -3.39E-14 | 2174 | 1.65E-13 | 2276 | 1.25E-12 | 2378 | 6.84E-13 | 2480 | 1.15E-12 | 2582 | 2.55E-12 | 2684 | 3.77E-12 | 2786 | 2.85E-12 | 2888 | 7.63E-12 | 2990 | 1.03E-11 | 3092 | 1.09E-11 | 3194 | 1.54E-11 |
| 2074 | 6.12E-14 | 2176 | 9.77E-13 | 2278 | 5.43E-13 | 2380 | 6.00E-13 | 2482 | 6.00E-13 | 2584 | 2.21E-12 | 2686 | 3.84E-12 | 2788 | 2.61E-12 | 2890 | 8.28E-12 | 2992 | 1.00E-11 | 3094 | 1.04E-11 | 3196 | 1.64E-11 |
| 2076 | 1.68E-12 | 2178 | 1.02E-12 | 2280 | 3.47E-13 | 2382 | 5.93E-13 | 2484 | 6.02E-13 | 2586 | 1.95E-12 | 2688 | 3.96E-12 | 2790 | 2.22E-12 | 2892 | 8.75E-12 | 2994 | 9.39E-12 | 3096 | 1.02E-11 | 3198 | 1.78E-11 |


HD 115617 G6 V V=4.74 (B-V)=0.71 E(B-V)=-0.01
LAP: LWP 8809
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
1800
2000
2200
2400
2600
2800
3000
3200

**HD 13783 G8 V V=8.29 (B-V)=0.66 E(B-V)=-0.08**

**LAP: LWP 14538, LWP 15017, LWP 15019**

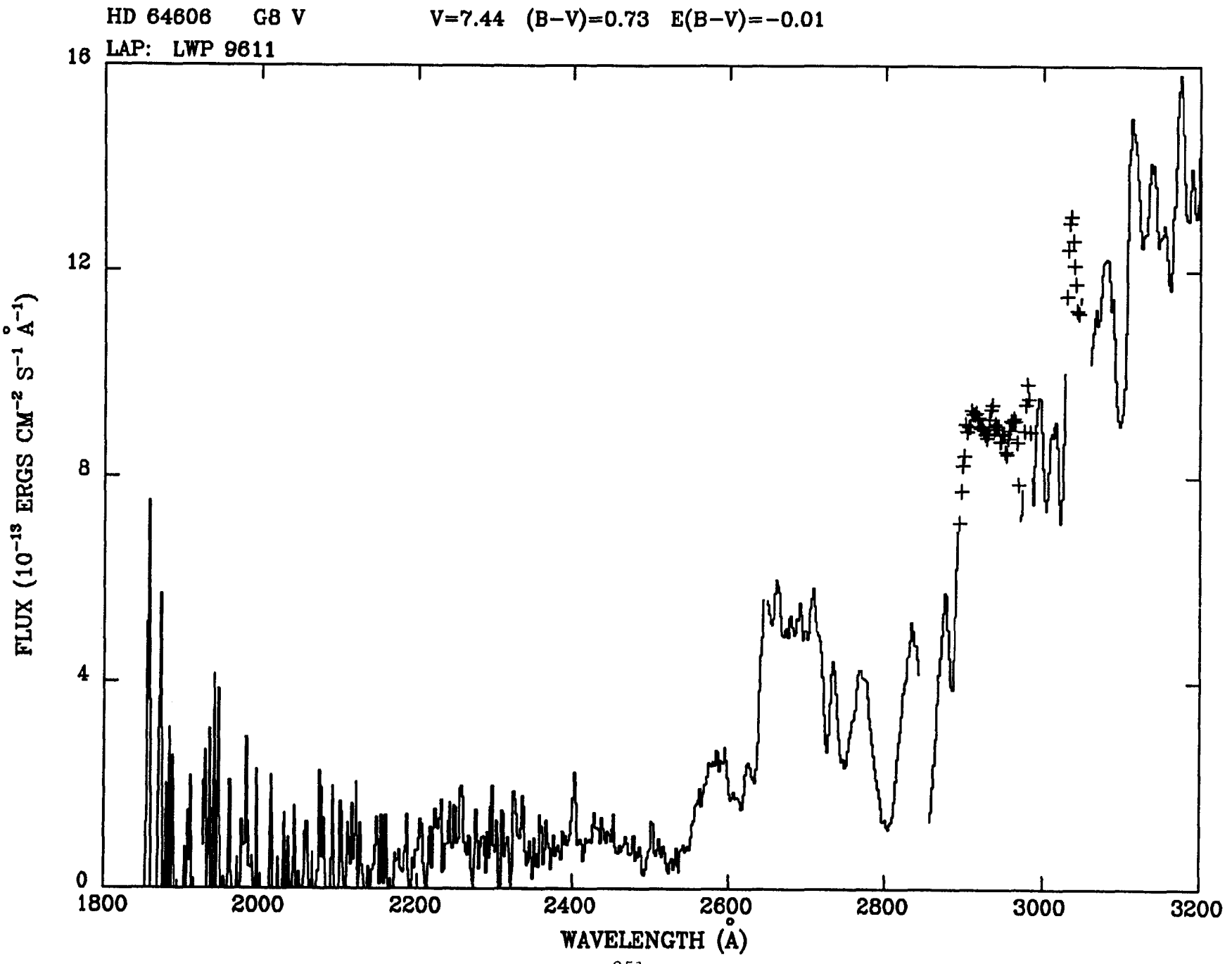
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.59E-14 | 2078 | -2.28E-15 | 2180 | 1.74E-14 | 2282 | 2.92E-14 | 2384 | 1.93E-14 | 2486 | 3.51E-14 | 2588 | 1.09E-13 | 2690 | 2.49E-13 | 2792 | 7.58E-14 | 2894 | 3.80E-13 | 2996 | 4.27E-13 | 3098 | 4.08E-13 |
| 1978 | -4.92E-14 | 2080 | -3.18E-14 | 2182 | -1.31E-15 | 2284 | 4.08E-14 | 2386 | 2.69E-14 | 2488 | 4.12E-14 | 2590 | 1.21E-13 | 2692 | 2.41E-13 | 2794 | 7.00E-14 | 2896 | 4.12E-13 | 2998 | 4.07E-13 | 3100 | 4.34E-13 |
| 1980 | -1.19E-13 | 2082 | -2.34E-14 | 2184 | 2.28E-14 | 2286 | 3.53E-14 | 2388 | 4.92E-14 | 2490 | 3.07E-14 | 2592 | 1.19E-13 | 2694 | 2.39E-13 | 2796 | 6.08E-14 | 2898 | 4.73E-13 | 3000 | 3.78E-13 | 3102 | 4.86E-13 |
| 1982 | 7.19E-14 | 2084 | 2.91E-14 | 2186 | 6.24E-14 | 2288 | 1.76E-14 | 2390 | 3.32E-14 | 2492 | 1.68E-14 | 2594 | 1.21E-13 | 2696 | 2.37E-13 | 2798 | 5.48E-14 | 2900 | 5.15E-13 | 3002 | 3.64E-13 | 3104 | 5.71E-13 |
| 1984 | 4.93E-14 | 2086 | 8.61E-14 | 2188 | 7.14E-14 | 2290 | 4.99E-14 | 2392 | 3.85E-14 | 2494 | 3.39E-14 | 2596 | 1.14E-13 | 2698 | 2.36E-13 | 2800 | 5.43E-14 | 2902 | 5.18E-13 | 3004 | 3.78E-13 | 3106 | 6.50E-13 |
| 1986 | -5.57E-14 | 2088 | -5.53E-14 | 2190 | -1.14E-14 | 2292 | 4.53E-14 | 2394 | 4.97E-14 | 2496 | 6.68E-14 | 2598 | 9.41E-14 | 2700 | 2.50E-13 | 2802 | 5.43E-14 | 2904 | 5.22E-13 | 3006 | 3.96E-13 | 3108 | 6.80E-13 |
| 1988 | -2.72E-16 | 2090 | -5.99E-14 | 2192 | -6.58E-15 | 2294 | 8.84E-14 | 2396 | 4.12E-14 | 2498 | 6.27E-14 | 2600 | 7.19E-14 | 2702 | 2.72E-13 | 2804 | 5.31E-14 | 2906 | 5.14E-13 | 3008 | 4.09E-13 | 3110 | 6.87E-13 |
| 1990 | 9.44E-14 | 2092 | 7.95E-14 | 2194 | 4.66E-14 | 2296 | 3.89E-14 | 2398 | 3.90E-14 | 2500 | 3.99E-14 | 2602 | 7.74E-14 | 2704 | 2.84E-13 | 2806 | 6.20E-14 | 2908 | 5.07E-13 | 3010 | 4.31E-13 | 3112 | 6.88E-13 |
| 1992 | 3.44E-14 | 2094 | 3.18E-14 | 2196 | 1.52E-15 | 2298 | -1.67E-15 | 2400 | 5.34E-14 | 2502 | 6.31E-14 | 2604 | 9.28E-14 | 2706 | 2.79E-13 | 2808 | 8.08E-14 | 2910 | 4.92E-13 | 3012 | 4.45E-13 | 3114 | 6.73E-13 |
| 1994 | 3.66E-15 | 2096 | 4.31E-16 | 2198 | -9.49E-15 | 2300 | 4.37E-14 | 2402 | 5.87E-14 | 2504 | 6.15E-14 | 2606 | 9.69E-14 | 2708 | 2.68E-13 | 2810 | 1.06E-13 | 2912 | 4.86E-13 | 3014 | 4.25E-13 | 3116 | 6.38E-13 |
| 1996 | -3.93E-15 | 2098 | 4.77E-14 | 2200 | 7.42E-14 | 2302 | 7.25E-14 | 2404 | 3.66E-14 | 2506 | 3.30E-14 | 2608 | 8.35E-14 | 2710 | 2.63E-13 | 2812 | 1.23E-13 | 2914 | 4.97E-13 | 3016 | 3.98E-13 | 3118 | 6.04E-13 |
| 1998 | -6.19E-14 | 2100 | 1.25E-14 | 2202 | 1.08E-13 | 2304 | 3.63E-14 | 2406 | 2.74E-15 | 2508 | 3.42E-14 | 2610 | 8.68E-14 | 2712 | 2.59E-13 | 2814 | 1.40E-13 | 2916 | 4.89E-13 | 3018 | 3.76E-13 | 3120 | 5.70E-13 |
| 2000 | -3.39E-15 | 2102 | 1.12E-13 | 2204 | 9.07E-14 | 2306 | 3.76E-14 | 2408 | 3.88E-14 | 2510 | 5.34E-14 | 2612 | 8.16E-14 | 2714 | 2.47E-13 | 2816 | 1.62E-13 | 2918 | 4.75E-13 | 3020 | 3.70E-13 | 3122 | 5.62E-13 |
| 2002 | -7.99E-14 | 2104 | 4.00E-14 | 2206 | 6.23E-14 | 2308 | 5.89E-14 | 2410 | 4.85E-14 | 2512 | 5.32E-14 | 2614 | 8.50E-14 | 2716 | 2.19E-13 | 2818 | 1.82E-13 | 2920 | 4.84E-13 | 3022 | 3.86E-13 | 3124 | 5.83E-13 |
| 2004 | 5.15E-14 | 2106 | -5.35E-14 | 2208 | -2.45E-14 | 2310 | 6.09E-14 | 2412 | 5.89E-14 | 2514 | 3.60E-14 | 2616 | 8.97E-14 | 2718 | 1.86E-13 | 2820 | 1.96E-13 | 2922 | 4.75E-13 | 3024 | 4.35E-13 | 3126 | 5.96E-13 |
| 2006 | -1.79E-15 | 2108 | -7.75E-14 | 2210 | -4.15E-14 | 2312 | 3.11E-14 | 2414 | 4.40E-14 | 2516 | 2.95E-14 | 2618 | 9.92E-14 | 2720 | 1.57E-13 | 2822 | 2.09E-13 | 2924 | 4.55E-13 | 3026 | 4.86E-13 | 3128 | 6.12E-13 |
| 2008 | -5.19E-14 | 2110 | 1.09E-13 | 2212 | -5.16E-14 | 2314 | 3.23E-14 | 2416 | 4.08E-14 | 2518 | 2.56E-14 | 2620 | 1.10E-13 | 2722 | 1.50E-13 | 2824 | 2.16E-13 | 2926 | 4.37E-13 | 3028 | 5.27E-13 | 3130 | 6.14E-13 |
| 2010 | 2.09E-15 | 2112 | 1.10E-13 | 2214 | -2.59E-14 | 2316 | 2.57E-14 | 2418 | 4.38E-14 | 2520 | 3.64E-14 | 2622 | 1.16E-13 | 2724 | 1.56E-13 | 2826 | 2.25E-13 | 2928 | 4.49E-13 | 3030 | 5.63E-13 | 3132 | 6.07E-13 |
| 2012 | -4.01E-15 | 2114 | -2.07E-14 | 2216 | 4.47E-14 | 2318 | 2.08E-14 | 2420 | 5.38E-14 | 2522 | 2.78E-14 | 2624 | 1.21E-13 | 2726 | 1.70E-13 | 2828 | 2.44E-13 | 2930 | 4.66E-13 | 3032 | 5.76E-13 | 3134 | 6.16E-13 |
| 2014 | 1.50E-13 | 2116 | 5.78E-14 | 2218 | 9.18E-14 | 2320 | 4.47E-15 | 2422 | 5.78E-14 | 2524 | 1.45E-14 | 2626 | 1.12E-13 | 2728 | 1.98E-13 | 2830 | 2.47E-13 | 2932 | 4.86E-13 | 3034 | 5.85E-13 | 3136 | 6.37E-13 |
| 2016 | 6.47E-14 | 2118 | 6.91E-14 | 2220 | 6.36E-14 | 2322 | 6.07E-14 | 2424 | 4.83E-14 | 2526 | 3.13E-14 | 2628 | 9.51E-14 | 2730 | 2.17E-13 | 2832 | 2.47E-13 | 2934 | 4.82E-13 | 3036 | 5.75E-13 | 3138 | 6.36E-13 |
| 2018 | -3.72E-14 | 2120 | 8.92E-14 | 2222 | 7.78E-14 | 2324 | 9.22E-14 | 2426 | 6.25E-14 | 2528 | 3.40E-14 | 2630 | 9.27E-14 | 2732 | 2.14E-13 | 2834 | 2.47E-13 | 2936 | 4.54E-13 | 3038 | 5.38E-13 | 3140 | 6.18E-13 |
| 2020 | 2.70E-14 | 2122 | 1.75E-13 | 2224 | 2.85E-14 | 2326 | 6.24E-14 | 2428 | 7.18E-14 | 2530 | 2.66E-14 | 2632 | 1.03E-13 | 2734 | 1.95E-13 | 2836 | 2.44E-13 | 2938 | 4.29E-13 | 3040 | 5.22E-13 | 3142 | 5.84E-13 |
| 2022 | 8.06E-14 | 2124 | -6.75E-14 | 2226 | -2.52E-14 | 2328 | 4.53E-14 | 2430 | 5.93E-14 | 2532 | 3.49E-14 | 2634 | 1.34E-13 | 2736 | 1.71E-13 | 2838 | 2.40E-13 | 2940 | 4.13E-13 | 3042 | 5.25E-13 | 3144 | 5.58E-13 |
| 2024 | -2.96E-14 | 2126 | 7.29E-14 | 2228 | -1.74E-15 | 2330 | 4.30E-14 | 2432 | 6.70E-14 | 2534 | 3.51E-14 | 2636 | 1.73E-13 | 2738 | 1.50E-13 | 2840 | 2.36E-13 | 2942 | 4.12E-13 | 3044 | 5.33E-13 | 3146 | 5.77E-13 |
| 2026 | -7.64E-14 | 2128 | 1.37E-13 | 2230 | 7.60E-14 | 2332 | 3.29E-14 | 2434 | 7.55E-14 | 2536 | 1.65E-14 | 2638 | 2.20E-13 | 2740 | 1.36E-13 | 2842 | 2.19E-13 | 2944 | 4.19E-13 | 3046 | 5.44E-13 | 3148 | 6.21E-13 |
| 2028 | 5.90E-14 | 2130 | 3.06E-14 | 2232 | 3.89E-14 | 2334 | 5.15E-14 | 2436 | 3.23E-14 | 2538 | 2.46E-14 | 2640 | 2.53E-13 | 2742 | 1.26E-13 | 2844 | 1.91E-13 | 2946 | 4.18E-13 | 3048 | 5.52E-13 | 3150 | 6.21E-13 |
| 2030 | 9.69E-14 | 2132 | 1.03E-14 | 2234 | 2.32E-14 | 2336 | 4.91E-14 | 2438 | 6.14E-14 | 2540 | 4.65E-14 | 2642 | 2.59E-13 | 2744 | 1.16E-13 | 2846 | 1.64E-13 | 2948 | 4.26E-13 | 3050 | 5.49E-13 | 3152 | 5.89E-13 |
| 2032 | -6.11E-14 | 2134 | -6.89E-15 | 2236 | 2.63E-14 | 2338 | 3.80E-14 | 2440 | 6.18E-14 | 2542 | 6.41E-14 | 2644 | 2.71E-13 | 2746 | 1.14E-13 | 2848 | | 2950 | 4.53E-13 | 3052 | 5.48E-13 | 3154 | 5.39E-13 |
| 2034 | 8.33E-14 | 2136 | 5.42E-14 | 2238 | 3.96E-14 | 2340 | 1.62E-14 | 2442 | 5.41E-14 | 2544 | 5.84E-14 | 2646 | 2.78E-13 | 2748 | 1.16E-13 | 2850 | | 2952 | 4.64E-13 | 3054 | | 3156 | 5.05E-13 |
| 2036 | 1.34E-13 | 2138 | 8.44E-14 | 2240 | 8.45E-14 | 2342 | -1.25E-15 | 2444 | 6.76E-14 | 2546 | 4.70E-14 | 2648 | 2.59E-13 | 2750 | 1.30E-13 | 2852 | | 2954 | 4.65E-13 | 3056 | | 3158 | 5.02E-13 |
| 2038 | -3.74E-14 | 2140 | 9.45E-16 | 2242 | 8.78E-14 | 2344 | 2.60E-14 | 2446 | 6.13E-14 | 2548 | 4.74E-14 | 2650 | 2.47E-13 | 2752 | 1.48E-13 | 2854 | | 2956 | 4.73E-13 | 3058 | | 3160 | 5.11E-13 |
| 2040 | -1.37E-13 | 2142 | -1.40E-14 | 2244 | 3.71E-14 | 2346 | 1.87E-14 | 2448 | 4.53E-14 | 2550 | 4.73E-14 | 2652 | 2.48E-13 | 2754 | 1.58E-13 | 2856 | 1.25E-13 | 2958 | 4.85E-13 | 3060 | | 3162 | 5.46E-13 |
| 2042 | -5.14E-14 | 2144 | 3.71E-14 | 2246 | 5.45E-14 | 2348 | -6.78E-15 | 2450 | 4.29E-14 | 2552 | 5.67E-14 | 2654 | 2.62E-13 | 2756 | 1.60E-13 | 2858 | 1.38E-13 | 2960 | 4.90E-13 | 3062 | 4.99E-13 | 3164 | 6.01E-13 |
| 2044 | -2.98E-14 | 2146 | 6.73E-14 | 2248 | 6.45E-14 | 2350 | 5.71E-14 | 2452 | 4.95E-14 | 2554 | 6.78E-14 | 2656 | 2.77E-13 | 2758 | 1.70E-13 | 2860 | 1.77E-13 | 2962 | 4.69E-13 | 3064 | 4.98E-13 | 3166 | 6.48E-13 |
| 2046 | -6.26E-14 | 2148 | 1.09E-13 | 2250 | 1.71E-14 | 2352 | 5.11E-14 | 2454 | 4.06E-14 | 2556 | 7.44E-14 | 2658 | 2.93E-13 | 2760 | 1.94E-13 | 2862 | 2.07E-13 | 2964 | 4.29E-13 | 3066 | 4.96E-13 | 3168 | 6.78E-13 |
| 2048 | -5.42E-15 | 2150 | 3.90E-14 | 2252 | -1.94E-14 | 2354 | 7.11E-14 | 2456 | 4.09E-14 | 2558 | 8.70E-14 | 2660 | 2.81E-13 | 2762 | 2.15E-13 | 2864 | 2.22E-13 | 2966 | 3.87E-13 | 3068 | 5.03E-13 | 3170 | 7.09E-13 |
| 2050 | -3.87E-14 | 2152 | 2.10E-14 | 2254 | 4.04E-14 | 2356 | 3.28E-14 | 2458 | 4.51E-14 | 2560 | 8.65E-14 | 2662 | 2.59E-13 | 2764 | 2.15E-13 | 2866 | 2.44E-13 | 2968 | 3.64E-13 | 3070 | 5.32E-13 | 3172 | 7.30E-13 |
| 2052 | -2.29E-14 | 2154 | 9.13E-14 | 2256 | 1.02E-13 | 2358 | 4.15E-14 | 2460 | 5.74E-14 | 2562 | 9.53E-14 | 2664 | 2.49E-13 | 2766 | 2.14E-13 | 2868 | 2.64E-13 | 2970 | 3.64E-13 | 3072 | 5.49E-13 | 3174 | 7.21E-13 |
| 2054 | 3.40E-14 | 2156 | 2.75E-14 | 2258 | 8.19E-14 | 2360 | 7.05E-14 | 2462 | 4.06E-14 | 2564 | 8.85E-14 | 2666 | 2.38E-13 | 2768 | 2.14E-13 | 2870 | 2.78E-13 | 2972 | 3.97E-13 | 3074 | 5.55E-13 | 3176 | 6.85E-13 |
| 2056 | 3.71E-14 | 2158 | 4.60E-14 | 2260 | 5.52E-14 | 2362 | 5.23E-14 | 2464 | 3.39E-14 | 2566 | 8.94E-14 | 2668 | 2.36E-13 | 2770 | 2.16E-13 | 2872 | 2.87E-13 | 2974 | 4.40E-13 | 3076 | 5.67E-13 | 3178 | 6.55E-13 |
| 2058 | -2.13E-14 | 2160 | 1.09E-13 | 2262 | 3.04E-14 | 2364 | -3.08E-15 | 2466 | 4.34E-14 | 2568 | 1.08E-13 | 2670 | 2.35E-13 | 2772 | 2.19E-13 | 2874 | 2.91E-13 | 2976 | 4.85E-13 | 3078 | 5.68E-13 | 3180 | 6.21E-13 |
| 2060 | -3.70E-14 | 2162 | 1.54E-14 | 2264 | -1.24E-14 | 2366 | 4.03E-14 | 2468 | 5.72E-14 | 2570 | 1.20E-13 | 2672 | 2.42E-13 | 2774 | 2.09E-13 | 2876 | 2.80E-13 | 2978 | 4.97E-13 | 3080 | 5.67E-13 | 3182 | 6.07E-13 |
| 2062 | -8.08E-14 | 2164 | -3.29E-14 | 2266 | -1.34E-14 | 2368 | 4.11E-14 | 2470 | 4.84E-14 | 2572 | 1.18E-13 | 2674 | 2.49E-13 | 2776 | 1.91E-13 | 2878 | 2.50E-13 | 2980 | 4.53E-13 | 3082 | 5.64E-13 | 3184 | 6.23E-13 |
| 2064 | -9.11E-15 | 2166 | 2.37E-15 | 2268 | 2.34E-14 | 2370 | 1.27E-14 | 2472 | 3.84E-14 | 2574 | 1.27E-13 | 2676 | 2.55E-13 | 2778 | 1.72E-13 | 2880 | 2.09E-13 | 2982 | 3.89E-13 | 3084 | 5.62E-13 | 3186 | 6.39E-13 |
| 2066 | 2.82E-14 | 2168 | -6.90E-14 | 2270 | 1.93E-14 | 2372 | 2.33E-14 | 2474 | 4.01E-14 | 2576 | 1.20E-13 | 2678 | 2.54E-13 | 2780 | 1.42E-13 | 2882 | 1.99E-13 | 2984 | 3.52E-13 | 3086 | 5.34E-13 | 3188 | 6.59E-13 |
| 2068 | -5.13E-14 | 2170 | -5.44E-14 | 2272 | -2.95E-14 | 2374 | 4.64E-14 | 2476 | 5.47E-14 | 2578 | 1.17E-13 | 2680 | 2.54E-13 | 2782 | 1.28E-13 | 2884 | 2.28E-13 | 2986 | 3.64E-13 | 3088 | 5.04E-13 | 3190 | 6.70E-13 |
| 2070 | -3.27E-14 | 2172 | 4.70E-14 | 2274 | 4.20E-14 | 2376 | 5.22E-14 | 2478 | 6.51E-14 | 2580 | 1.28E-13 | 2682 | 2.59E-13 | 2784 | 1.23E-13 | 2886 | 2.78E-13 | 2988 | 4.08E-13 | 3090 | 4.58E-13 | 3192 | 6.72E-13 |
| 2072 | -6.08E-14 | 2174 | 5.85E-14 | 2276 | 8.39E-14 | 2378 | 3.56E-14 | 2480 | 5.13E-14 | 2582 | 1.21E-13 | 2684 | 2.60E-13 | 2786 | 1.19E-13 | 2888 | 3.18E-13 | 2990 | 4.48E-13 | 3092 | 4.14E-13 | 3194 | 6.98E-13 |
| 2074 | 2.14E-14 | 2176 | 6.33E-14 | 2278 | 4.96E-14 | 2380 | 3.77E-14 | 2482 | 3.77E-14 | 2584 | 1.38E-13 | 2686 | 2.64E-13 | 2788 | 1.09E-13 | 2890 | 3.44E-13 | 2992 | 4.49E-13 | 3094 | 4.07E-13 | 3196 | 7.27E-13 |
| 2076 | 1.26E-13 | 2178 | 2.69E-14 | 2280 | 3.35E-14 | 2382 | 1.67E-14 | 2484 | 2.94E-14 | 2586 | 1.22E-13 | 2688 | 2.57E-13 | 2790 | 8.66E-14 | 2892 | 3.68E-13 | 2994 | 4.35E-13 | 3096 | 4.10E-13 | 3198 | 7.24E-13 |


HD 13783 G8 V V=8.29 (B-V)=0.66 E(B-V)=-0.08
LAP: LWP 14538, LWP 15017, LWP 15019
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 64606 G8 V V=7.44 (B-V)=0.73 E(B-V)=-0.01**

**LAP: LWP 9611**

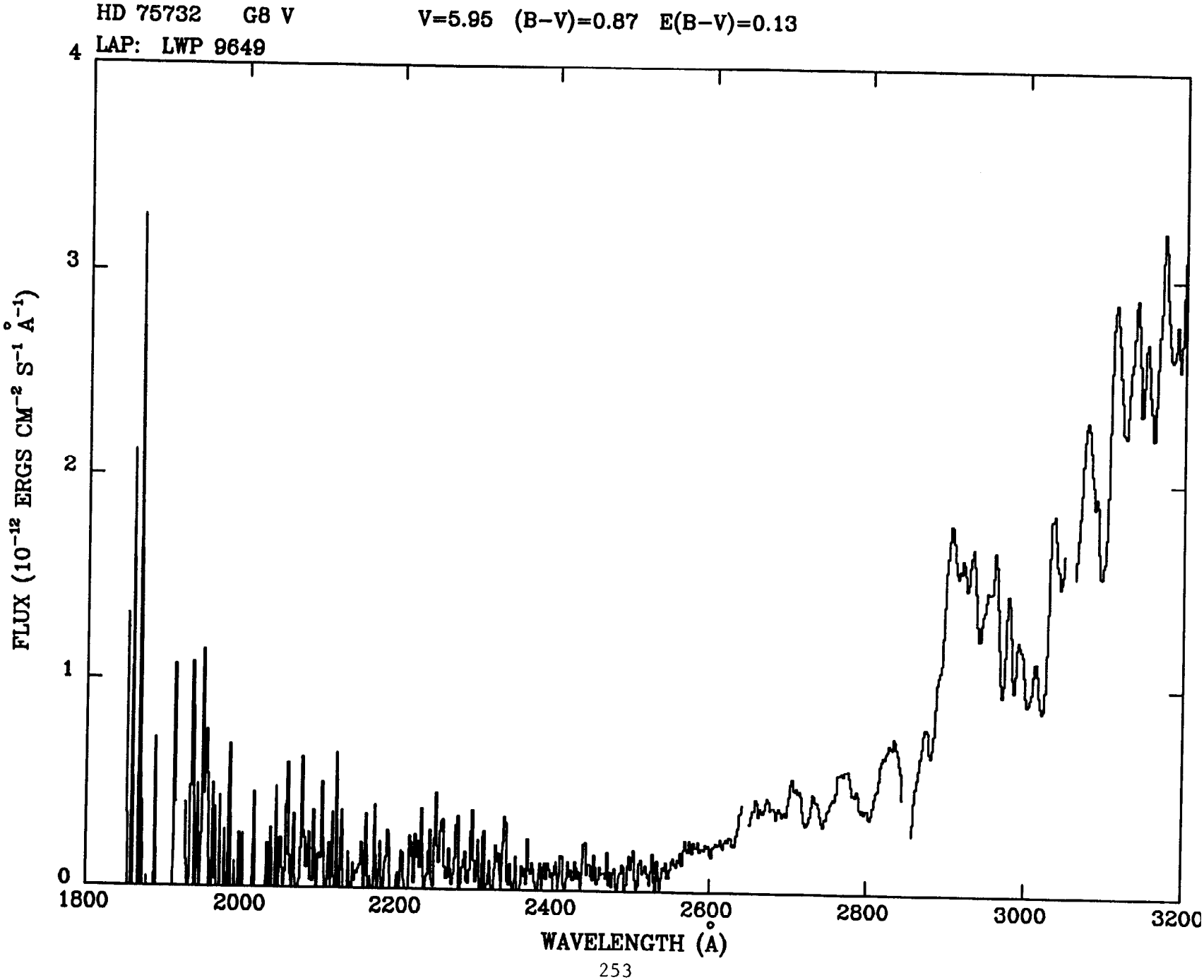
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 8.29E-14 | 2078 | 1.27E-13 | 2180 | 3.47E-14 | 2282 | 9.08E-14 | 2384 | 6.78E-14 | 2486 | 7.42E-14 | 2588 | 2.34E-13 | 2690 | 5.48E-13 | 2792 | 1.86E-13 | 2894 | | 2996 | 9.55E-13 | 3098 | 9.02E-13 |
| 1978 | 9.93E-14 | 2080 | 1.01E-13 | 2182 | 3.76E-14 | 2284 | 9.95E-14 | 2386 | 6.91E-14 | 2488 | 6.78E-14 | 2590 | 2.46E-13 | 2692 | 5.36E-13 | 2794 | 1.67E-13 | 2896 | | 2998 | 9.19E-13 | 3100 | 9.13E-13 |
| 1980 | 8.47E-14 | 2082 | 8.31E-14 | 2184 | 7.19E-14 | 2286 | 7.21E-14 | 2388 | 1.02E-13 | 2490 | 3.51E-14 | 2592 | 2.43E-13 | 2694 | 4.87E-13 | 2796 | 1.42E-13 | 2898 | | 3000 | 8.44E-13 | 3102 | 9.38E-13 |
| 1982 | 2.40E-13 | 2084 | -6.30E-14 | 2186 | 9.59E-14 | 2288 | 3.73E-14 | 2390 | 9.13E-14 | 2492 | 2.69E-14 | 2594 | 2.56E-13 | 2696 | 5.01E-13 | 2798 | 1.29E-13 | 2900 | | 3002 | 7.76E-13 | 3104 | 1.01E-12 |
| 1984 | 1.52E-13 | 2086 | -7.21E-14 | 2188 | 1.05E-13 | 2290 | 9.70E-14 | 2392 | 9.34E-14 | 2494 | 3.74E-14 | 2596 | 2.59E-13 | 2698 | 4.98E-13 | 2800 | 1.32E-13 | 2902 | | 3004 | 7.40E-13 | 3106 | 1.14E-12 |
| 1986 | 5.04E-14 | 2088 | -9.62E-15 | 2190 | 3.71E-15 | 2292 | 6.22E-14 | 2394 | 8.76E-14 | 2496 | 6.11E-14 | 2598 | 2.28E-13 | 2700 | 4.88E-13 | 2802 | 1.24E-13 | 2904 | | 3006 | 7.57E-13 | 3108 | 1.32E-12 |
| 1988 | 4.15E-14 | 2090 | 4.86E-14 | 2192 | -1.75E-14 | 2294 | 1.59E-13 | 2396 | 9.83E-14 | 2498 | 7.30E-14 | 2600 | 1.94E-13 | 2702 | 5.09E-13 | 2804 | 1.16E-13 | 2906 | | 3008 | 8.03E-13 | 3110 | 1.42E-12 |
| 1990 | 5.36E-14 | 2092 | 1.90E-13 | 2194 | 3.86E-14 | 2296 | 1.86E-13 | 2398 | 1.21E-13 | 2500 | 8.91E-14 | 2602 | 1.73E-13 | 2704 | 5.49E-13 | 2806 | 1.22E-13 | 2908 | | 3010 | 8.76E-13 | 3112 | 1.47E-12 |
| 1992 | -1.11E-14 | 2094 | -2.11E-14 | 2196 | 4.70E-14 | 2298 | 8.11E-14 | 2400 | 1.61E-13 | 2502 | 1.27E-13 | 2604 | 1.74E-13 | 2706 | 5.73E-13 | 2808 | 1.28E-13 | 2910 | | 3012 | 8.86E-13 | 3114 | 1.48E-12 |
| 1994 | 7.05E-14 | 2096 | -1.82E-13 | 2198 | 6.12E-14 | 2300 | 8.54E-14 | 2402 | 2.11E-13 | 2504 | 1.05E-13 | 2606 | 1.84E-13 | 2708 | 5.69E-13 | 2810 | 1.41E-13 | 2912 | | 3014 | 8.82E-13 | 3116 | 1.46E-12 |
| 1996 | 1.28E-13 | 2098 | -7.93E-15 | 2200 | 7.32E-14 | 2302 | 1.30E-13 | 2404 | 1.74E-13 | 2506 | 6.64E-14 | 2608 | 1.74E-13 | 2710 | 5.28E-13 | 2812 | 1.71E-13 | 2914 | | 3016 | 9.02E-13 | 3118 | 1.43E-12 |
| 1998 | -8.22E-14 | 2100 | 4.86E-14 | 2202 | 9.17E-14 | 2304 | 7.73E-14 | 2406 | 9.26E-14 | 2508 | 6.82E-14 | 2610 | 1.76E-13 | 2712 | 5.07E-13 | 2814 | 2.15E-13 | 2916 | | 3018 | 8.93E-13 | 3120 | 1.39E-12 |
| 2000 | -3.17E-14 | 2102 | 1.60E-13 | 2204 | 1.28E-13 | 2306 | -7.29E-15 | 2408 | 8.67E-14 | 2510 | 8.56E-14 | 2612 | 1.73E-13 | 2714 | 4.95E-13 | 2816 | 2.59E-13 | 2918 | | 3020 | 8.04E-13 | 3122 | 1.35E-12 |
| 2002 | -1.04E-13 | 2104 | 1.08E-13 | 2206 | 1.24E-13 | 2308 | 7.83E-14 | 2410 | 9.35E-14 | 2512 | 7.82E-14 | 2614 | 1.65E-13 | 2716 | 4.85E-13 | 2818 | 2.90E-13 | 2920 | | 3022 | 7.36E-13 | 3124 | 1.28E-12 |
| 2004 | -4.08E-14 | 2106 | -1.71E-15 | 2208 | 4.72E-14 | 2310 | 1.46E-13 | 2412 | 8.05E-14 | 2514 | 6.29E-14 | 2616 | 1.53E-13 | 2718 | 4.64E-13 | 2820 | 3.15E-13 | 2922 | | 3024 | 7.34E-13 | 3126 | 1.25E-12 |
| 2006 | -2.58E-15 | 2108 | -5.52E-14 | 2210 | 2.30E-14 | 2312 | 9.02E-14 | 2414 | 5.76E-14 | 2516 | 7.59E-14 | 2618 | 1.63E-13 | 2720 | 4.19E-13 | 2822 | 3.55E-13 | 2924 | | 3026 | 8.01E-13 | 3128 | 1.27E-12 |
| 2008 | -1.66E-13 | 2110 | 5.63E-14 | 2212 | -4.84E-14 | 2314 | 7.79E-14 | 2416 | 7.79E-14 | 2518 | 7.08E-14 | 2620 | 1.97E-13 | 2722 | 3.45E-13 | 2824 | 3.91E-13 | 2926 | | 3028 | 9.48E-13 | 3130 | 1.27E-12 |
| 2010 | -1.31E-13 | 2112 | 1.06E-13 | 2214 | 5.93E-14 | 2316 | 9.55E-14 | 2418 | 9.38E-14 | 2520 | 5.18E-14 | 2622 | 2.29E-13 | 2724 | 2.83E-13 | 2826 | 4.05E-13 | 2928 | | 3030 | | 3132 | 1.28E-12 |
| 2012 | -3.58E-14 | 2114 | 5.85E-14 | 2216 | 1.05E-13 | 2318 | 8.12E-14 | 2420 | 8.94E-14 | 2522 | 3.55E-14 | 2624 | 2.41E-13 | 2726 | 2.69E-13 | 2828 | 4.35E-13 | 2930 | | 3032 | | 3134 | 1.33E-12 |
| 2014 | 2.00E-13 | 2116 | 1.39E-13 | 2218 | 9.06E-14 | 2320 | 4.53E-15 | 2422 | 9.21E-14 | 2524 | 3.13E-14 | 2626 | 2.38E-13 | 2728 | 3.09E-13 | 2830 | 4.52E-13 | 2932 | | 3034 | | 3136 | 1.39E-12 |
| 2016 | 5.10E-14 | 2118 | 7.12E-14 | 2220 | 7.39E-14 | 2322 | 3.90E-14 | 2424 | 9.13E-14 | 2526 | 5.20E-14 | 2628 | 2.23E-13 | 2730 | 3.76E-13 | 2832 | 4.75E-13 | 2934 | | 3036 | | 3138 | 1.40E-12 |
| 2018 | -1.39E-13 | 2120 | 1.00E-13 | 2222 | 1.34E-13 | 2324 | 1.85E-13 | 2426 | 1.09E-13 | 2528 | 5.34E-14 | 2630 | 2.13E-13 | 2732 | 4.25E-13 | 2834 | 5.13E-13 | 2936 | | 3038 | | 3140 | 1.40E-12 |
| 2020 | -1.15E-13 | 2122 | 1.92E-13 | 2224 | 1.34E-13 | 2326 | 1.67E-13 | 2428 | 1.38E-13 | 2530 | 3.90E-14 | 2632 | 2.06E-13 | 2734 | 4.35E-13 | 2836 | 5.03E-13 | 2938 | | 3040 | | 3142 | 1.38E-12 |
| 2022 | 8.18E-15 | 2124 | -2.72E-14 | 2226 | 1.17E-13 | 2328 | 1.33E-13 | 2430 | 1.25E-13 | 2532 | 5.78E-14 | 2634 | 2.27E-13 | 2736 | 4.04E-13 | 2838 | 4.75E-13 | 2940 | | 3042 | | 3144 | 1.31E-12 |
| 2024 | -7.64E-15 | 2126 | 4.65E-14 | 2228 | 1.29E-13 | 2330 | 1.00E-13 | 2432 | 1.17E-13 | 2534 | 6.32E-14 | 2636 | 2.77E-13 | 2738 | 3.55E-13 | 2840 | 4.70E-13 | 2942 | | 3044 | | 3146 | 1.26E-12 |
| 2026 | -6.66E-14 | 2128 | 1.05E-13 | 2230 | 1.62E-13 | 2332 | 1.03E-13 | 2434 | 1.14E-13 | 2536 | 3.77E-14 | 2638 | 3.83E-13 | 2740 | 3.08E-13 | 2842 | 4.43E-13 | 2944 | | 3046 | | 3148 | 1.26E-12 |
| 2028 | -1.95E-14 | 2130 | 3.92E-14 | 2232 | 5.29E-14 | 2334 | 1.43E-13 | 2436 | 8.83E-14 | 2538 | 5.44E-14 | 2640 | 4.58E-13 | 2742 | 2.71E-13 | 2844 | 4.18E-13 | 2946 | | 3048 | 1.14E-12 | 3150 | 1.27E-12 |
| 2030 | 1.16E-13 | 2132 | 8.31E-15 | 2234 | 3.58E-14 | 2336 | 1.68E-13 | 2438 | 1.34E-13 | 2540 | 7.51E-14 | 2642 | 5.01E-13 | 2744 | 2.50E-13 | 2846 | | 2948 | | 3050 | 1.15E-12 | 3152 | 1.27E-12 |
| 2032 | -1.18E-13 | 2134 | -3.12E-14 | 2236 | 8.25E-14 | 2338 | 1.10E-13 | 2440 | 1.11E-13 | 2542 | 8.12E-14 | 2644 | 5.62E-13 | 2746 | 2.50E-13 | 2848 | | 2950 | | 3052 | | 3154 | 1.29E-12 |
| 2034 | 8.16E-15 | 2136 | 1.70E-15 | 2238 | 8.98E-14 | 2340 | 5.53E-14 | 2442 | 9.18E-14 | 2544 | 7.34E-14 | 2646 | | 2748 | 2.38E-13 | 2850 | | 2952 | | 3054 | | 3156 | 1.27E-12 |
| 2036 | 9.07E-14 | 2138 | 2.11E-14 | 2240 | 1.35E-13 | 2342 | 4.86E-14 | 2444 | 9.31E-14 | 2546 | 7.31E-14 | 2648 | 5.57E-13 | 2750 | 2.39E-13 | 2852 | | 2954 | | 3056 | | 3158 | 1.22E-12 |
| 2038 | -6.41E-14 | 2140 | 5.46E-15 | 2242 | 1.46E-13 | 2344 | 8.04E-14 | 2446 | 1.07E-13 | 2548 | 8.05E-14 | 2650 | 5.43E-13 | 2752 | 2.67E-13 | 2854 | | 2956 | | 3058 | | 3160 | 1.17E-12 |
| 2040 | -1.37E-13 | 2142 | 2.68E-14 | 2244 | 8.47E-14 | 2346 | 6.52E-14 | 2448 | 9.82E-14 | 2550 | 7.52E-14 | 2652 | 5.24E-13 | 2754 | 2.95E-13 | 2856 | 1.30E-13 | 2958 | | 3060 | 1.02E-12 | 3162 | 1.18E-12 |
| 2042 | 8.38E-14 | 2144 | 4.28E-14 | 2246 | 1.07E-13 | 2348 | 2.56E-14 | 2450 | 1.01E-13 | 2552 | 9.99E-14 | 2654 | 5.15E-13 | 2756 | 3.09E-13 | 2858 | 1.42E-13 | 2960 | | 3062 | 1.05E-12 | 3164 | 1.24E-12 |
| 2044 | 1.03E-13 | 2146 | 7.74E-14 | 2248 | 1.59E-13 | 2350 | 9.17E-14 | 2452 | 1.30E-13 | 2554 | 1.24E-13 | 2656 | 5.21E-13 | 2758 | 3.26E-13 | 2860 | 1.85E-13 | 2962 | | 3064 | 1.07E-12 | 3166 | 1.31E-12 |
| 2046 | -1.65E-14 | 2148 | 1.32E-13 | 2250 | 1.21E-13 | 2352 | 4.43E-14 | 2454 | 1.05E-13 | 2556 | 1.35E-13 | 2658 | 5.60E-13 | 2760 | 3.34E-13 | 2862 | 2.31E-13 | 2964 | | 3066 | 1.11E-12 | 3168 | 1.37E-12 |
| 2048 | 1.61E-14 | 2150 | 9.12E-14 | 2252 | 9.14E-14 | 2354 | 6.26E-14 | 2456 | 7.30E-14 | 2558 | 1.61E-13 | 2660 | 5.94E-13 | 2762 | 3.62E-13 | 2864 | 2.84E-13 | 2966 | | 3068 | 1.12E-12 | 3170 | 1.46E-12 |
| 2050 | -4.70E-15 | 2152 | 2.24E-14 | 2254 | 1.54E-13 | 2356 | 6.15E-14 | 2458 | 6.82E-14 | 2560 | 1.66E-13 | 2662 | 5.89E-13 | 2764 | 4.00E-13 | 2866 | 3.57E-13 | 2968 | | 3070 | 1.10E-12 | 3172 | 1.53E-12 |
| 2052 | -4.64E-14 | 2154 | 1.28E-13 | 2256 | 1.96E-13 | 2358 | 1.32E-13 | 2460 | 7.98E-14 | 2562 | 1.79E-13 | 2664 | 5.77E-13 | 2766 | 4.19E-13 | 2868 | 4.18E-13 | 2970 | 7.19E-13 | 3072 | 1.11E-12 | 3174 | 1.57E-12 |
| 2054 | -1.58E-15 | 2156 | 3.80E-14 | 2258 | 1.81E-13 | 2360 | 1.12E-13 | 2462 | 7.30E-14 | 2564 | 1.78E-13 | 2666 | 5.28E-13 | 2768 | 4.24E-13 | 2870 | 4.56E-13 | 2972 | 7.26E-13 | 3074 | 1.16E-12 | 3176 | 1.55E-12 |
| 2056 | 8.35E-14 | 2158 | 4.89E-14 | 2260 | 1.06E-13 | 2362 | 9.05E-14 | 2464 | 7.94E-14 | 2566 | 1.71E-13 | 2668 | 4.92E-13 | 2770 | 4.16E-13 | 2872 | 5.01E-13 | 2974 | 7.65E-13 | 3076 | 1.20E-12 | 3178 | 1.48E-12 |
| 2058 | 1.23E-13 | 2160 | 1.18E-13 | 2262 | 7.28E-14 | 2364 | 5.91E-14 | 2466 | 8.57E-14 | 2568 | 1.92E-13 | 2670 | 4.92E-13 | 2772 | 4.10E-13 | 2874 | 5.45E-13 | 2976 | | 3078 | 1.22E-12 | 3180 | 1.38E-12 |
| 2060 | 7.41E-14 | 2162 | 7.57E-15 | 2264 | 6.54E-14 | 2366 | 1.05E-13 | 2468 | 9.83E-14 | 2570 | 2.01E-13 | 2672 | 5.03E-13 | 2774 | 4.08E-13 | 2876 | 5.74E-13 | 2978 | | 3080 | 1.22E-12 | 3182 | 1.32E-12 |
| 2062 | -5.60E-14 | 2164 | -2.80E-14 | 2266 | 1.01E-13 | 2368 | 1.03E-13 | 2470 | 8.40E-14 | 2572 | 2.12E-13 | 2674 | 5.03E-13 | 2776 | 4.05E-13 | 2878 | 5.44E-13 | 2980 | | 3082 | 1.22E-12 | 3184 | 1.30E-12 |
| 2064 | -4.15E-14 | 2166 | 1.01E-14 | 2268 | 8.84E-14 | 2370 | 8.05E-14 | 2472 | 6.58E-14 | 2574 | 2.36E-13 | 2676 | 5.02E-13 | 2778 | 3.76E-13 | 2880 | 4.79E-13 | 2982 | | 3084 | 1.20E-12 | 3186 | 1.31E-12 |
| 2066 | 5.40E-14 | 2168 | -3.34E-14 | 2270 | 3.00E-14 | 2372 | 4.70E-14 | 2474 | 6.56E-14 | 2576 | 2.39E-13 | 2678 | 5.28E-13 | 2780 | 3.33E-13 | 2882 | 4.19E-13 | 2984 | | 3086 | 1.15E-12 | 3188 | 1.37E-12 |
| 2068 | -7.60E-14 | 2170 | 3.13E-14 | 2272 | 1.87E-14 | 2374 | 6.54E-14 | 2476 | 7.91E-14 | 2578 | 2.37E-13 | 2680 | 5.20E-13 | 2782 | 3.09E-13 | 2884 | 3.91E-13 | 2986 | 7.93E-13 | 3088 | 1.14E-12 | 3190 | 1.39E-12 |
| 2070 | -1.01E-14 | 2172 | 5.58E-14 | 2274 | 1.03E-13 | 2376 | 9.74E-14 | 2478 | 1.01E-13 | 2580 | 2.45E-13 | 2682 | 4.97E-13 | 2784 | 2.76E-13 | 2886 | 4.25E-13 | 2988 | 7.68E-13 | 3090 | 1.09E-12 | 3192 | 1.35E-12 |
| 2072 | 1.94E-14 | 2174 | 5.40E-14 | 2276 | 1.27E-13 | 2378 | 6.44E-14 | 2480 | 7.78E-14 | 2582 | 2.42E-13 | 2684 | 4.96E-13 | 2786 | 2.52E-13 | 2888 | 4.97E-13 | 2990 | 8.48E-13 | 3092 | 1.00E-12 | 3194 | 1.31E-12 |
| 2074 | 1.00E-13 | 2176 | 7.06E-14 | 2278 | 6.73E-14 | 2380 | 7.77E-14 | 2482 | 6.31E-14 | 2584 | 2.66E-13 | 2686 | 5.16E-13 | 2788 | 2.27E-13 | 2890 | 6.05E-13 | 2992 | 9.15E-13 | 3094 | 9.46E-13 | 3196 | 1.32E-12 |
| 2076 | 2.12E-13 | 2178 | 4.07E-14 | 2280 | 6.10E-14 | 2382 | 8.11E-14 | 2484 | 6.37E-14 | 2586 | 2.55E-13 | 2688 | 5.23E-13 | 2790 | 2.04E-13 | 2892 | 6.85E-13 | 2994 | 9.45E-13 | 3096 | 9.13E-13 | 3198 | 1.38E-12 |


HD 64606 G8 V V=7.44 (B-V)=0.73 E(B-V)=-0.01
LAP: LWP 9611
16
12
8
4
0
FLUX ($10^{-13}$ ERGS CM$^{-2}$ S$^{-1}$ Å$^{-1}$)
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

**HD 75732 G8 V V=5.95 (B-V)=0.87 E(B-V)=0.13**

**LAP: LWP 9649**

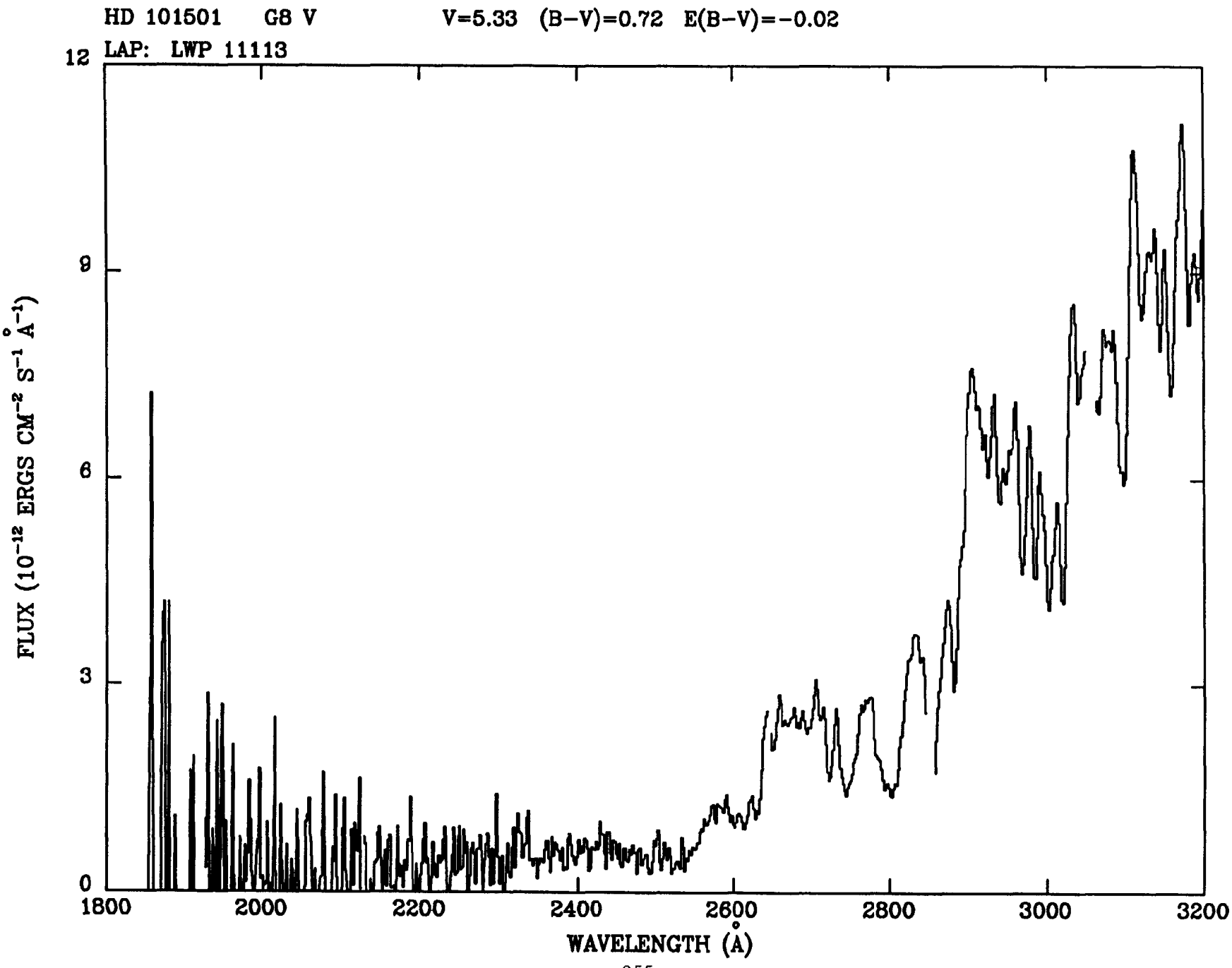
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.07E-13 | 2078 | 4.52E-13 | 2180 | -1.47E-13 | 2282 | 7.31E-14 | 2384 | 1.10E-13 | 2486 | 8.51E-14 | 2588 | 1.98E-13 | 2690 | 3.95E-13 | 2792 | 4.01E-13 | 2894 | 1.11E-12 | 2996 | 1.17E-12 | 3098 | 1.61E-12 |
| 1978 | 1.46E-14 | 2080 | 2.56E-13 | 2182 | -4.11E-14 | 2284 | 1.29E-13 | 2386 | 2.28E-14 | 2488 | 1.17E-13 | 2590 | 2.07E-13 | 2692 | 3.70E-13 | 2794 | 3.97E-13 | 2896 | 1.25E-12 | 2998 | 1.11E-12 | 3100 | 1.64E-12 |
| 1980 | -3.86E-13 | 2082 | 1.49E-13 | 2184 | 1.34E-13 | 2286 | 1.70E-13 | 2388 | 1.20E-13 | 2490 | 1.20E-13 | 2592 | 2.04E-13 | 2694 | 3.80E-13 | 2796 | 3.94E-13 | 2898 | 1.41E-12 | 3000 | 9.99E-13 | 3102 | 1.79E-12 |
| 1982 | 3.63E-13 | 2084 | 1.71E-13 | 2186 | 1.85E-13 | 2288 | 6.69E-14 | 2390 | 1.04E-13 | 2492 | 1.34E-14 | 2594 | 2.12E-13 | 2696 | 3.88E-13 | 2798 | 3.95E-13 | 2900 | 1.58E-12 | 3002 | 9.32E-13 | 3104 | 2.04E-12 |
| 1984 | 6.81E-13 | 2086 | 2.52E-13 | 2188 | 2.75E-13 | 2290 | 3.18E-14 | 2392 | 8.85E-14 | 2494 | 3.42E-14 | 2596 | 2.19E-13 | 2698 | 3.80E-13 | 2800 | 4.02E-13 | 2902 | 1.66E-12 | 3004 | 9.24E-13 | 3106 | 2.37E-12 |
| 1986 | -4.67E-13 | 2088 | 8.58E-14 | 2190 | 6.64E-14 | 2292 | 9.24E-14 | 2394 | 1.17E-13 | 2496 | 1.29E-13 | 2598 | 2.19E-13 | 2700 | 4.37E-13 | 2802 | 3.74E-13 | 2904 | 1.74E-12 | 3006 | 9.50E-13 | 3108 | 2.64E-12 |
| 1988 | -2.54E-13 | 2090 | 3.15E-14 | 2192 | -1.36E-13 | 2294 | 2.86E-13 | 2396 | 8.20E-14 | 2498 | 1.59E-13 | 2600 | 1.95E-13 | 2702 | 4.82E-13 | 2804 | 3.62E-13 | 2906 | 1.79E-12 | 3008 | 9.78E-13 | 3110 | 2.80E-12 |
| 1990 | 9.76E-14 | 2092 | 3.58E-13 | 2194 | -3.39E-14 | 2296 | 3.58E-13 | 2398 | 7.71E-14 | 2500 | 1.17E-13 | 2602 | 1.72E-13 | 2704 | 5.35E-13 | 2806 | 3.76E-13 | 2908 | 1.75E-12 | 3010 | 1.06E-12 | 3112 | 2.87E-12 |
| 1992 | -1.50E-13 | 2094 | 1.64E-13 | 2196 | -1.75E-13 | 2298 | 1.25E-13 | 2400 | 7.71E-14 | 2502 | 1.63E-13 | 2604 | 2.07E-13 | 2706 | 5.29E-13 | 2808 | 4.15E-13 | 2910 | 1.67E-12 | 3012 | 1.13E-12 | 3114 | 2.83E-12 |
| 1994 | -1.58E-13 | 2096 | -1.26E-13 | 2198 | -4.78E-14 | 2300 | 6.23E-14 | 2402 | 1.08E-13 | 2504 | 1.46E-13 | 2606 | 2.22E-13 | 2708 | 4.97E-13 | 2810 | 4.61E-13 | 2912 | 1.59E-12 | 3014 | 1.12E-12 | 3116 | 2.72E-12 |
| 1996 | 2.04E-13 | 2098 | 1.63E-13 | 2200 | 7.43E-14 | 2302 | 1.67E-13 | 2404 | 1.36E-13 | 2506 | 3.80E-14 | 2608 | 2.37E-13 | 2710 | 5.02E-13 | 2812 | 4.93E-13 | 2914 | 1.55E-12 | 3016 | 1.04E-12 | 3118 | 2.57E-12 |
| 1998 | 2.18E-14 | 2100 | 1.60E-13 | 2202 | -5.77E-15 | 2304 | 1.42E-13 | 2406 | 1.01E-14 | 2508 | 1.78E-14 | 2610 | 2.25E-13 | 2712 | 4.92E-13 | 2814 | 5.07E-13 | 2916 | 1.56E-12 | 3018 | 9.51E-13 | 3120 | 2.43E-12 |
| 2000 | 1.26E-13 | 2102 | 2.72E-13 | 2204 | 1.49E-13 | 2306 | -1.78E-13 | 2408 | 7.80E-14 | 2510 | 8.64E-14 | 2612 | 2.35E-13 | 2714 | 4.90E-13 | 2816 | 5.67E-13 | 2918 | 1.56E-12 | 3020 | 9.06E-13 | 3122 | 2.28E-12 |
| 2002 | -2.27E-13 | 2104 | 4.01E-13 | 2206 | 1.74E-13 | 2308 | -4.45E-14 | 2410 | 1.67E-13 | 2512 | 1.44E-13 | 2614 | 2.50E-13 | 2716 | 4.77E-13 | 2818 | 6.28E-13 | 2920 | 1.62E-12 | 3022 | 8.93E-13 | 3124 | 2.25E-12 |
| 2004 | -4.47E-13 | 2106 | 5.88E-14 | 2208 | 4.72E-14 | 2310 | 2.72E-13 | 2412 | 1.44E-13 | 2514 | 1.09E-13 | 2616 | 2.19E-13 | 2718 | 4.12E-13 | 2820 | 6.52E-13 | 2922 | 1.61E-12 | 3024 | 9.42E-13 | 3126 | 2.24E-12 |
| 2006 | -8.92E-14 | 2108 | -1.58E-13 | 2210 | -3.53E-14 | 2312 | 1.01E-13 | 2414 | 1.12E-14 | 2516 | 9.84E-14 | 2618 | 2.22E-13 | 2720 | 3.53E-13 | 2822 | 6.61E-13 | 2924 | 1.56E-12 | 3026 | 1.09E-12 | 3128 | 2.36E-12 |
| 2008 | -5.22E-13 | 2110 | 3.11E-14 | 2212 | -2.27E-13 | 2314 | 1.76E-14 | 2416 | -1.04E-14 | 2518 | 1.19E-13 | 2620 | 2.47E-13 | 2722 | 3.28E-13 | 2824 | 6.69E-13 | 2926 | 1.48E-12 | 3028 | 1.29E-12 | 3130 | 2.47E-12 |
| 2010 | -4.72E-13 | 2112 | 1.95E-13 | 2214 | -7.07E-15 | 2316 | 6.45E-14 | 2418 | 8.76E-14 | 2520 | 9.42E-14 | 2622 | 2.49E-13 | 2724 | 3.32E-13 | 2826 | 6.86E-13 | 2928 | 1.52E-12 | 3030 | 1.55E-12 | 3132 | 2.57E-12 |
| 2012 | -1.24E-13 | 2114 | 2.35E-14 | 2216 | 2.47E-13 | 2318 | 1.30E-13 | 2420 | 1.07E-13 | 2522 | 6.94E-14 | 2624 | 2.54E-13 | 2726 | 3.48E-13 | 2828 | 7.11E-13 | 2930 | 1.61E-12 | 3032 | 1.78E-12 | 3134 | 2.64E-12 |
| 2014 | 2.69E-13 | 2116 | 2.83E-13 | 2218 | 2.03E-13 | 2320 | -2.45E-14 | 2422 | 8.50E-14 | 2524 | 3.48E-14 | 2626 | 2.65E-13 | 2728 | 3.79E-13 | 2830 | 7.13E-13 | 2932 | 1.65E-12 | 3034 | 1.83E-12 | 3136 | 2.78E-12 |
| 2016 | 1.31E-13 | 2118 | 1.02E-13 | 2220 | 9.88E-14 | 2322 | -2.19E-13 | 2424 | 7.25E-14 | 2526 | 1.13E-13 | 2628 | 2.39E-13 | 2730 | 4.37E-13 | 2832 | 7.03E-13 | 2934 | 1.65E-12 | 3036 | 1.85E-12 | 3138 | 2.89E-12 |
| 2018 | -4.38E-13 | 2120 | 7.92E-15 | 2222 | 1.45E-13 | 2324 | 1.14E-13 | 2426 | 5.09E-14 | 2528 | 1.53E-13 | 2630 | 2.32E-13 | 2732 | 4.76E-13 | 2834 | 7.43E-13 | 2936 | 1.55E-12 | 3038 | 1.74E-12 | 3140 | 2.84E-12 |
| 2020 | -4.81E-13 | 2122 | 6.19E-13 | 2224 | 2.02E-13 | 2326 | 2.02E-13 | 2428 | 1.10E-13 | 2530 | 3.49E-14 | 2632 | 2.26E-13 | 2734 | 4.62E-13 | 2836 | 7.41E-13 | 2938 | 1.40E-12 | 3040 | 1.60E-12 | 3142 | 2.67E-12 |
| 2022 | -3.07E-13 | 2124 | -7.99E-14 | 2226 | 2.03E-13 | 2328 | 1.47E-13 | 2430 | 1.19E-13 | 2532 | 5.43E-14 | 2634 | 2.70E-13 | 2736 | 4.43E-13 | 2838 | 7.03E-13 | 2940 | 1.27E-12 | 3042 | 1.57E-12 | 3144 | 2.43E-12 |
| 2024 | -4.43E-14 | 2126 | -1.84E-13 | 2228 | 1.42E-13 | 2330 | 1.49E-13 | 2432 | 6.85E-14 | 2534 | 1.29E-13 | 2636 | 3.08E-13 | 2738 | 4.28E-13 | 2840 | 6.70E-13 | 2942 | 1.23E-12 | 3044 | 1.50E-12 | 3146 | 2.35E-12 |
| 2026 | -1.37E-13 | 2128 | 3.39E-13 | 2230 | 3.18E-13 | 2332 | 5.84E-14 | 2434 | 8.77E-14 | 2536 | 4.80E-14 | 2638 | 3.74E-13 | 2740 | 3.93E-13 | 2842 | 6.20E-13 | 2944 | 1.28E-12 | 3046 | 1.53E-12 | 3148 | 2.46E-12 |
| 2028 | -2.81E-13 | 2130 | 1.87E-13 | 2232 | 2.46E-13 | 2334 | 1.03E-13 | 2436 | -3.74E-15 | 2538 | 3.13E-14 | 2640 | 3.87E-13 | 2742 | 3.52E-13 | 2844 | 5.56E-13 | 2946 | 1.34E-12 | 3048 | 1.59E-12 | 3150 | 2.64E-12 |
| 2030 | -1.64E-14 | 2132 | -2.47E-13 | 2234 | -1.70E-13 | 2336 | 2.90E-13 | 2438 | 1.59E-13 | 2540 | 9.83E-14 | 2642 | 4.21E-13 | 2744 | 3.29E-13 | 2846 | 4.62E-13 | 2948 | 1.37E-12 | 3050 | 1.66E-12 | 3152 | 2.69E-12 |
| 2032 | 1.89E-13 | 2134 | -2.13E-13 | 2236 | 4.96E-14 | 2338 | 3.35E-13 | 2440 | 2.28E-13 | 2542 | 1.11E-13 | 2644 | | 2746 | 3.51E-13 | 2848 | | 2950 | 1.42E-12 | 3052 | | 3154 | 2.59E-12 |
| 2034 | -7.35E-14 | 2136 | -1.65E-14 | 2238 | 8.47E-14 | 2340 | 1.53E-13 | 2442 | 2.02E-13 | 2544 | 1.32E-13 | 2646 | | 2748 | 3.58E-13 | 2850 | | 2952 | 1.47E-12 | 3054 | | 3156 | 2.43E-12 |
| 2036 | 2.80E-13 | 2138 | 3.48E-14 | 2240 | 1.94E-13 | 2342 | 2.98E-14 | 2444 | 9.13E-14 | 2546 | 8.21E-14 | 2648 | 3.33E-13 | 2750 | 3.92E-13 | 2852 | | 2954 | 1.47E-12 | 3056 | | 3158 | 2.34E-12 |
| 2038 | 9.79E-14 | 2140 | -2.35E-13 | 2242 | 2.24E-13 | 2344 | 1.02E-13 | 2446 | 1.26E-13 | 2548 | 6.68E-14 | 2650 | 3.32E-13 | 2752 | 4.06E-13 | 2854 | | 2956 | 1.47E-12 | 3058 | | 3160 | 2.23E-12 |
| 2040 | -3.33E-13 | 2142 | -1.14E-14 | 2244 | 3.51E-14 | 2346 | 5.82E-14 | 2448 | 1.05E-13 | 2550 | 1.05E-13 | 2652 | 3.49E-13 | 2754 | 4.36E-13 | 2856 | 2.87E-13 | 2958 | 1.49E-12 | 3060 | | 3162 | 2.28E-12 |
| 2042 | -9.74E-16 | 2144 | 5.68E-14 | 2246 | 9.59E-14 | 2348 | -7.37E-14 | 2450 | 6.17E-14 | 2552 | 1.45E-13 | 2654 | 3.81E-13 | 2756 | 4.48E-13 | 2858 | 3.22E-13 | 2960 | 1.58E-12 | 3062 | 1.55E-12 | 3164 | 2.46E-12 |
| 2044 | 2.67E-13 | 2146 | 7.56E-14 | 2248 | 3.45E-13 | 2350 | 5.19E-14 | 2452 | 1.16E-13 | 2554 | 1.57E-13 | 2656 | 3.93E-13 | 2758 | 4.56E-13 | 2860 | 4.21E-13 | 2962 | 1.64E-12 | 3064 | 1.62E-12 | 3166 | 2.65E-12 |
| 2046 | -1.07E-13 | 2148 | 7.39E-14 | 2250 | 3.36E-13 | 2352 | 1.49E-13 | 2454 | 1.38E-13 | 2556 | 1.32E-13 | 2658 | 4.32E-13 | 2760 | 4.61E-13 | 2862 | 5.00E-13 | 2964 | 1.52E-12 | 3066 | 1.73E-12 | 3168 | 2.79E-12 |
| 2048 | 1.84E-13 | 2150 | 9.60E-14 | 2252 | 1.66E-13 | 2354 | -3.71E-14 | 2456 | 6.19E-14 | 2558 | 1.31E-13 | 2660 | 4.39E-13 | 2762 | 5.16E-13 | 2864 | 5.49E-13 | 2966 | 1.31E-12 | 3068 | 1.84E-12 | 3170 | 2.99E-12 |
| 2050 | 1.66E-13 | 2152 | 1.25E-13 | 2254 | 2.21E-13 | 2356 | -1.41E-14 | 2458 | 4.94E-14 | 2560 | 1.52E-13 | 2662 | 3.78E-13 | 2764 | 5.71E-13 | 2866 | 6.00E-13 | 2968 | 1.10E-12 | 3070 | 1.97E-12 | 3172 | 3.19E-12 |
| 2052 | 4.86E-14 | 2154 | 2.09E-13 | 2256 | 3.10E-13 | 2358 | 5.10E-14 | 2460 | 1.03E-13 | 2562 | 1.59E-13 | 2664 | 4.04E-13 | 2766 | 5.72E-13 | 2868 | 6.64E-13 | 2970 | 9.89E-13 | 3072 | 2.11E-12 | 3174 | 3.18E-12 |
| 2054 | 5.31E-14 | 2156 | 7.70E-14 | 2258 | 3.33E-13 | 2360 | 1.00E-13 | 2462 | 8.78E-14 | 2564 | 1.61E-13 | 2666 | 3.94E-13 | 2768 | 5.78E-13 | 2870 | 7.18E-13 | 2972 | 9.99E-13 | 3074 | 2.23E-12 | 3176 | 2.98E-12 |
| 2056 | 3.01E-13 | 2158 | 3.40E-14 | 2260 | 1.53E-13 | 2362 | 8.41E-14 | 2464 | 8.59E-14 | 2566 | 1.65E-13 | 2668 | 3.85E-13 | 2770 | 5.72E-13 | 2872 | 7.78E-13 | 2974 | 1.12E-12 | 3076 | 2.29E-12 | 3178 | 2.82E-12 |
| 2058 | 5.51E-13 | 2160 | 3.07E-13 | 2262 | 6.37E-14 | 2364 | 6.97E-14 | 2466 | 8.65E-14 | 2568 | 2.25E-13 | 2670 | 4.06E-13 | 2772 | 5.82E-13 | 2874 | 8.01E-13 | 2976 | 1.31E-12 | 3078 | 2.29E-12 | 3180 | 2.71E-12 |
| 2060 | 2.22E-13 | 2162 | -3.52E-14 | 2264 | 6.01E-14 | 2366 | 1.49E-13 | 2468 | 7.30E-14 | 2570 | 2.19E-13 | 2672 | 4.42E-13 | 2774 | 5.89E-13 | 2876 | 7.96E-13 | 2978 | 1.44E-12 | 3080 | 2.22E-12 | 3182 | 2.62E-12 |
| 2062 | 7.31E-14 | 2164 | -1.39E-13 | 2266 | 1.89E-13 | 2368 | 1.59E-13 | 2470 | 1.61E-13 | 2572 | 1.95E-13 | 2674 | 4.52E-13 | 2776 | 5.93E-13 | 2878 | 7.48E-13 | 2980 | 1.42E-12 | 3082 | 2.11E-12 | 3184 | 2.61E-12 |
| 2064 | -4.54E-14 | 2166 | 1.14E-14 | 2268 | 8.65E-14 | 2370 | 8.73E-14 | 2472 | 4.50E-14 | 2574 | 2.33E-13 | 2676 | 4.28E-13 | 2778 | 5.65E-13 | 2880 | 6.77E-13 | 2982 | 1.25E-12 | 3084 | 2.02E-12 | 3186 | 2.63E-12 |
| 2066 | 3.23E-13 | 2168 | -2.64E-13 | 2270 | 3.41E-14 | 2372 | 1.18E-13 | 2474 | 7.05E-14 | 2576 | 2.18E-13 | 2678 | 4.03E-13 | 2780 | 5.19E-13 | 2882 | 6.86E-13 | 2984 | 1.04E-12 | 3086 | 1.92E-12 | 3188 | 2.69E-12 |
| 2068 | 4.31E-14 | 2170 | 1.66E-13 | 2272 | 9.19E-14 | 2374 | 1.10E-13 | 2476 | 4.53E-14 | 2578 | 1.88E-13 | 2680 | 4.09E-13 | 2782 | 4.76E-13 | 2884 | 7.45E-13 | 2986 | 9.99E-13 | 3088 | 1.92E-12 | 3190 | 2.74E-12 |
| 2070 | -5.03E-14 | 2172 | 2.23E-13 | 2274 | 2.05E-13 | 2376 | 5.05E-14 | 2478 | 9.91E-14 | 2580 | 2.36E-13 | 2682 | 4.02E-13 | 2784 | 4.80E-13 | 2886 | 8.57E-13 | 2988 | 1.10E-12 | 3090 | 1.90E-12 | 3192 | 2.61E-12 |
| 2072 | 8.54E-15 | 2174 | -1.64E-14 | 2276 | 3.27E-13 | 2378 | 1.86E-14 | 2480 | 6.43E-14 | 2582 | 2.10E-13 | 2684 | 3.71E-13 | 2786 | 4.77E-13 | 2888 | 9.90E-13 | 2990 | 1.21E-12 | 3092 | 1.71E-12 | 3194 | 2.62E-12 |
| 2074 | 9.31E-14 | 2176 | 6.86E-14 | 2278 | 1.96E-13 | 2380 | -2.26E-14 | 2482 | -2.17E-15 | 2584 | 2.16E-13 | 2686 | 3.78E-13 | 2788 | 4.92E-13 | 2890 | 1.05E-12 | 2992 | 1.22E-12 | 3094 | 1.57E-12 | 3196 | 2.80E-12 |
| 2076 | 3.88E-13 | 2178 | 2.20E-13 | 2280 | 1.62E-14 | 2382 | 1.08E-13 | 2484 | 4.40E-14 | 2586 | 2.30E-13 | 2688 | 4.03E-13 | 2790 | 4.52E-13 | 2892 | 1.07E-12 | 2994 | 1.19E-12 | 3096 | 1.55E-12 | 3198 | 3.01E-12 |


HD 75732 G8 V
V=5.95 (B-V)=0.87 E(B-V)=0.13
LAP: LWP 9649
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 101501 G8 V V=5.33 (B-V)=0.72 E(B-V)=-0.02

LAP: LWP 11113

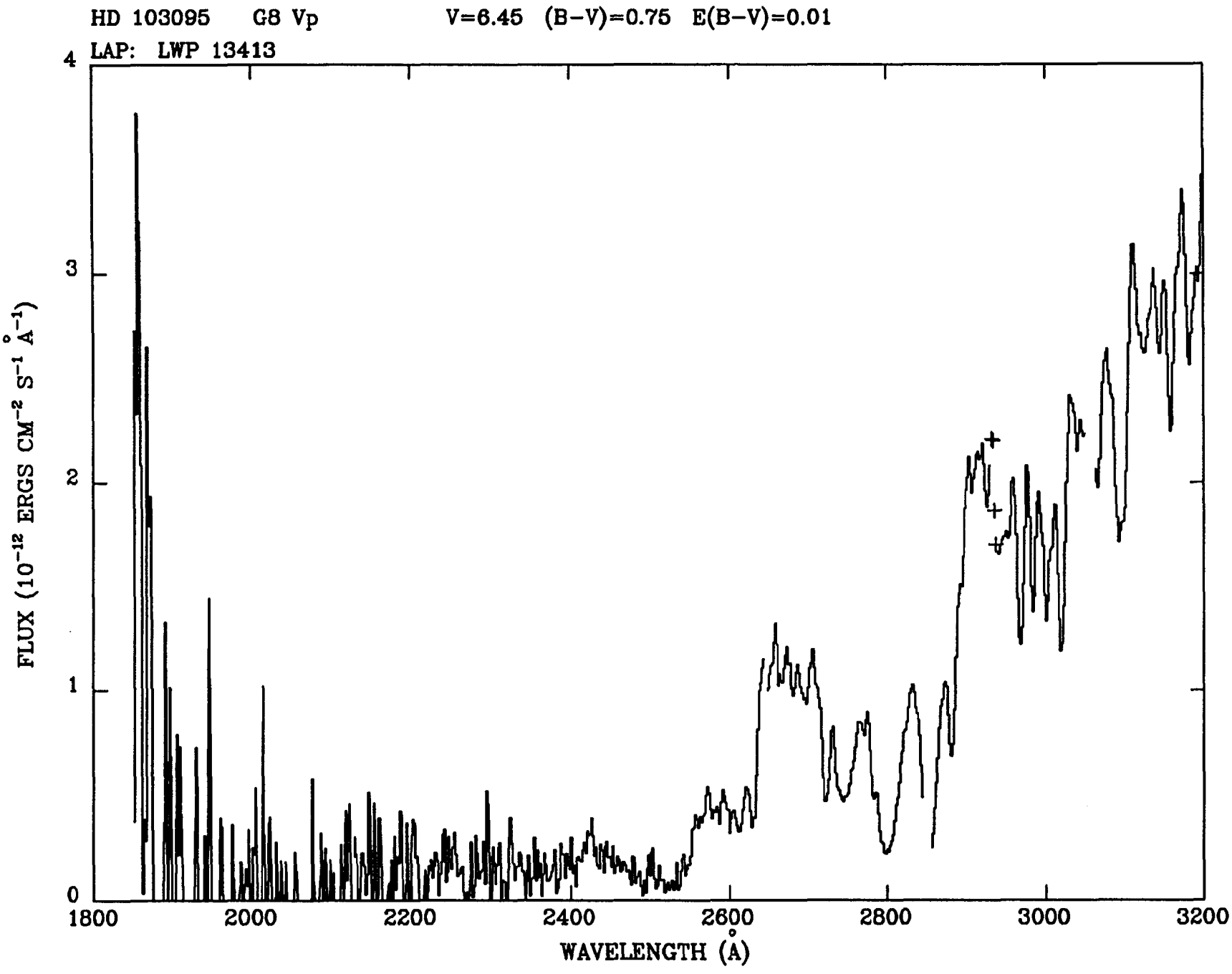
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.41E-14 | 2078 | 7.73E-13 | 2180 | 4.39E-13 | 2282 | 5.97E-13 | 2384 | 3.49E-13 | 2486 | 5.17E-13 | 2588 | 1.21E-12 | 2690 | 2.52E-12 | 2792 | 1.56E-12 | 2894 | 5.24E-12 | 2996 | 5.39E-12 | 3098 | 5.94E-12 |
| 1978 | 3.19E-13 | 2080 | -1.35E-13 | 2182 | 3.71E-13 | 2284 | 7.83E-13 | 2386 | 4.44E-13 | 2488 | 5.36E-13 | 2590 | 1.37E-12 | 2692 | 2.38E-12 | 2794 | 1.50E-12 | 2896 | 5.87E-12 | 2998 | 5.00E-12 | 3100 | 6.11E-12 |
| 1980 | 4.25E-13 | 2082 | -3.49E-13 | 2184 | 7.40E-13 | 2286 | 5.82E-13 | 2388 | 7.92E-13 | 2490 | 3.80E-13 | 2592 | 1.34E-12 | 2694 | 2.30E-12 | 2796 | 1.55E-12 | 2898 | 6.69E-12 | 3000 | 4.43E-12 | 3102 | 6.94E-12 |
| 1982 | 1.33E-12 | 2084 | -6.04E-13 | 2186 | 8.87E-13 | 2288 | 1.78E-13 | 2390 | 7.81E-13 | 2492 | 2.79E-13 | 2594 | 1.18E-12 | 2696 | 2.39E-12 | 2798 | 1.53E-12 | 2900 | 7.07E-12 | 3002 | 4.16E-12 | 3104 | 8.17E-12 |
| 1984 | 1.11E-12 | 2086 | -4.87E-13 | 2188 | 1.15E-12 | 2290 | 5.38E-13 | 2392 | 6.07E-13 | 2494 | 2.85E-13 | 2596 | 1.06E-12 | 2698 | 2.40E-12 | 2800 | 1.43E-12 | 2902 | 7.34E-12 | 3004 | 4.36E-12 | 3106 | 9.45E-12 |
| 1986 | 3.51E-13 | 2088 | 4.26E-13 | 2190 | 2.61E-13 | 2292 | 1.43E-13 | 2394 | 4.84E-13 | 2496 | 4.70E-13 | 2598 | 1.06E-12 | 2700 | 2.54E-12 | 2802 | 1.38E-12 | 2904 | 7.58E-12 | 3006 | 4.77E-12 | 3108 | 1.03E-11 |
| 1988 | -1.60E-13 | 2090 | 4.63E-13 | 2192 | -3.72E-13 | 2294 | 6.43E-13 | 2396 | 4.22E-13 | 2498 | 7.30E-13 | 2600 | 1.01E-12 | 2702 | 2.71E-12 | 2804 | 1.47E-12 | 2906 | 7.57E-12 | 3008 | 4.91E-12 | 3110 | 1.08E-11 |
| 1990 | 2.28E-14 | 2092 | 1.34E-12 | 2194 | 9.79E-14 | 2296 | 1.32E-12 | 2398 | 4.70E-13 | 2500 | 6.94E-13 | 2602 | 9.39E-13 | 2704 | 2.93E-12 | 2806 | 1.56E-12 | 2908 | 7.40E-12 | 3010 | 5.31E-12 | 3112 | 1.06E-11 |
| 1992 | 6.20E-13 | 2094 | 1.30E-13 | 2196 | 1.26E-13 | 2298 | 4.40E-13 | 2400 | 6.74E-13 | 2502 | 8.10E-13 | 2604 | 9.94E-13 | 2706 | 3.03E-12 | 2808 | 1.55E-12 | 2910 | 7.15E-12 | 3012 | 5.67E-12 | 3114 | 1.02E-11 |
| 1994 | 9.94E-13 | 2096 | -1.21E-12 | 2198 | -1.17E-14 | 2300 | 1.90E-13 | 2402 | 6.03E-13 | 2504 | 7.26E-13 | 2606 | 1.10E-12 | 2708 | 2.77E-12 | 2810 | 1.79E-12 | 2912 | 7.04E-12 | 3014 | 5.62E-12 | 3116 | 9.55E-12 |
| 1996 | 1.29E-12 | 2098 | -2.62E-13 | 2200 | 1.83E-13 | 2302 | 4.42E-13 | 2404 | 6.41E-13 | 2506 | 3.82E-13 | 2608 | 1.13E-12 | 2710 | 2.53E-12 | 2812 | 2.12E-12 | 2914 | 7.05E-12 | 3016 | 5.22E-12 | 3118 | 8.73E-12 |
| 1993 | 2.00E-13 | 2100 | 2.64E-13 | 2202 | 3.71E-13 | 2304 | 3.50E-13 | 2406 | 5.81E-13 | 2508 | 3.91E-13 | 2610 | 1.09E-12 | 2712 | 2.53E-12 | 2814 | 2.29E-12 | 2916 | 6.84E-12 | 3018 | 4.62E-12 | 3120 | 8.37E-12 |
| 2000 | 1.35E-13 | 2102 | 1.06E-12 | 2204 | 7.03E-13 | 2306 | -1.23E-13 | 2408 | 7.55E-13 | 2510 | 6.07E-13 | 2612 | 1.00E-12 | 2714 | 2.63E-12 | 2816 | 2.56E-12 | 2918 | 6.52E-12 | 3020 | 4.25E-12 | 3122 | 8.41E-12 |
| 2002 | 9.57E-14 | 2104 | 9.27E-13 | 2206 | 9.73E-13 | 2308 | 1.08E-13 | 2410 | 7.22E-13 | 2512 | 6.16E-13 | 2614 | 9.13E-13 | 2716 | 2.56E-12 | 2818 | 2.84E-12 | 2920 | 6.62E-12 | 3022 | 4.43E-12 | 3124 | 8.70E-12 |
| 2004 | 1.34E-13 | 2106 | 1.27E-13 | 2208 | 4.15E-13 | 2310 | 6.18E-13 | 2412 | 5.75E-13 | 2514 | 4.97E-13 | 2616 | 9.38E-13 | 2718 | 2.22E-12 | 2820 | 3.02E-12 | 2922 | 6.65E-12 | 3024 | 5.16E-12 | 3126 | 9.05E-12 |
| 2006 | 9.49E-13 | 2108 | -4.66E-13 | 2210 | 4.06E-13 | 2312 | 4.25E-13 | 2414 | 3.16E-13 | 2516 | 5.92E-13 | 2618 | 1.04E-12 | 2720 | 1.80E-12 | 2822 | 3.27E-12 | 2924 | 6.29E-12 | 3026 | 6.21E-12 | 3128 | 9.30E-12 |
| 2008 | -1.03E-12 | 2110 | -2.17E-13 | 2212 | -2.15E-13 | 2314 | 2.33E-13 | 2416 | 4.29E-13 | 2518 | 5.35E-13 | 2620 | 1.18E-12 | 2722 | 1.63E-12 | 2824 | 3.39E-12 | 2926 | 6.08E-12 | 3028 | 7.16E-12 | 3130 | 9.30E-12 |
| 2010 | 5.89E-14 | 2112 | 6.32E-13 | 2214 | 3.23E-13 | 2316 | 5.31E-13 | 2418 | 6.34E-13 | 2520 | 3.06E-13 | 2622 | 1.32E-12 | 2724 | 1.67E-12 | 2826 | 3.43E-12 | 2928 | 6.38E-12 | 3030 | 7.89E-12 | 3132 | 9.23E-12 |
| 2012 | 5.86E-14 | 2114 | 2.94E-13 | 2216 | 6.16E-13 | 2318 | 8.79E-13 | 2420 | 6.12E-13 | 2522 | 3.29E-13 | 2624 | 1.37E-12 | 2726 | 1.84E-12 | 2828 | 3.62E-12 | 2930 | 6.74E-12 | 3032 | 8.40E-12 | 3134 | 9.23E-12 |
| 2014 | 1.56E-12 | 2116 | 8.04E-13 | 2218 | 3.47E-13 | 2320 | 4.03E-13 | 2422 | 6.64E-13 | 2524 | 3.46E-13 | 2626 | 1.28E-12 | 2728 | 2.12E-12 | 2830 | 3.74E-12 | 2932 | 7.12E-12 | 3034 | 8.54E-12 | 3136 | 9.44E-12 |
| 2016 | 1.73E-12 | 2118 | 8.86E-13 | 2220 | 2.29E-13 | 2322 | 8.31E-13 | 2424 | 6.60E-13 | 2526 | 4.24E-13 | 2628 | 1.11E-12 | 2730 | 2.49E-12 | 2832 | 3.75E-12 | 2934 | 7.02E-12 | 3036 | 8.31E-12 | 3138 | 9.59E-12 |
| 2018 | -2.52E-13 | 2120 | 5.95E-13 | 2222 | 3.68E-13 | 2324 | 1.09E-12 | 2426 | 6.42E-13 | 2528 | 4.36E-13 | 2630 | 1.14E-12 | 2732 | 2.62E-12 | 2834 | 3.73E-12 | 2936 | 6.41E-12 | 3038 | 7.59E-12 | 3140 | 9.24E-12 |
| 2020 | -9.70E-13 | 2122 | 1.55E-12 | 2224 | 4.65E-13 | 2326 | 8.57E-13 | 2428 | 8.86E-13 | 2530 | 3.71E-13 | 2632 | 1.14E-12 | 2734 | 2.39E-12 | 2836 | 3.55E-12 | 2938 | 5.90E-12 | 3040 | 7.11E-12 | 3142 | 8.56E-12 |
| 2022 | 2.95E-13 | 2124 | 4.29E-14 | 2226 | 4.37E-13 | 2328 | 7.51E-13 | 2430 | 8.78E-13 | 2532 | 4.91E-13 | 2634 | 1.31E-12 | 2736 | 1.98E-12 | 2838 | 3.36E-12 | 2940 | 5.68E-12 | 3042 | 7.24E-12 | 3144 | 8.00E-12 |
| 2024 | 7.63E-13 | 2126 | | 2228 | 6.55E-13 | 2330 | 5.44E-13 | 2432 | 8.26E-13 | 2534 | 7.24E-13 | 2636 | 1.72E-12 | 2738 | 1.73E-12 | 2840 | 3.42E-12 | 2942 | 5.86E-12 | 3044 | 7.53E-12 | 3146 | 8.16E-12 |
| 2026 | 5.65E-14 | 2128 | 7.62E-13 | 2230 | 8.78E-13 | 2332 | 6.77E-13 | 2434 | 5.91E-13 | 2536 | 4.91E-13 | 2638 | 2.21E-12 | 2740 | 1.61E-12 | 2842 | 3.38E-12 | 2944 | 6.11E-12 | 3046 | 7.63E-12 | 3148 | 8.91E-12 |
| 2028 | -8.19E-13 | 2130 | 4.92E-13 | 2232 | 5.10E-13 | 2334 | 8.60E-13 | 2436 | 3.46E-13 | 2538 | 4.05E-13 | 2640 | 2.42E-12 | 2742 | 1.50E-12 | 2844 | 3.03E-12 | 2946 | 6.12E-12 | 3048 | 7.73E-12 | 3150 | 9.31E-12 |
| 2030 | 3.31E-13 | 2132 | -1.30E-14 | 2234 | -4.79E-13 | 2336 | 1.11E-12 | 2438 | 8.57E-13 | 2540 | 4.68E-13 | 2642 | 2.56E-12 | 2744 | 1.42E-12 | 2846 | 2.61E-12 | 2948 | 5.98E-12 | 3050 | 7.86E-12 | 3152 | 8.92E-12 |
| 2032 | -6.87E-13 | 2134 | -3.66E-13 | 2236 | -1.06E-13 | 2338 | 7.73E-13 | 2440 | 8.14E-13 | 2542 | 5.47E-13 | 2644 | 2.63E-12 | 2746 | 1.48E-12 | 2848 | | 2950 | 6.11E-12 | 3052 | | 3154 | 8.16E-12 |
| 2034 | -5.50E-13 | 2136 | -2.62E-13 | 2238 | 3.04E-13 | 2340 | 4.61E-13 | 2442 | 5.36E-13 | 2544 | 5.75E-13 | 2646 | | 2748 | 1.56E-12 | 2850 | | 2952 | 6.42E-12 | 3054 | | 3156 | 7.50E-12 |
| 2036 | 4.53E-13 | 2138 | -3.78E-14 | 2240 | 5.85E-13 | 2342 | 4.10E-13 | 2444 | 5.35E-13 | 2546 | 5.43E-13 | 2648 | 2.22E-12 | 2750 | 1.61E-12 | 2852 | | 2954 | 6.39E-12 | 3056 | | 3158 | 7.24E-12 |
| 2038 | 1.38E-13 | 2140 | -3.51E-14 | 2242 | 7.43E-13 | 2344 | 4.47E-13 | 2446 | 7.33E-13 | 2548 | 6.29E-13 | 2650 | 2.07E-12 | 2752 | 1.72E-12 | 2854 | | 2956 | 6.49E-12 | 3058 | | 3160 | 7.50E-12 |
| 2040 | -7.52E-13 | 2142 | 3.06E-13 | 2244 | 2.49E-13 | 2346 | 4.79E-13 | 2448 | 6.52E-13 | 2550 | 6.21E-13 | 2652 | 2.14E-12 | 2754 | 1.89E-12 | 2856 | 1.73E-12 | 2958 | 6.79E-12 | 3060 | | 3162 | 8.20E-12 |
| 2042 | 1.34E-13 | 2144 | 4.39E-13 | 2246 | 4.55E-13 | 2348 | 2.44E-13 | 2450 | 5.15E-13 | 2552 | 6.32E-13 | 2654 | 2.35E-12 | 2756 | 1.95E-12 | 2858 | 2.04E-12 | 2960 | 7.06E-12 | 3062 | 6.99E-12 | 3164 | 9.02E-12 |
| 2044 | 8.17E-13 | 2146 | 7.81E-13 | 2248 | 8.54E-13 | 2350 | 3.83E-13 | 2452 | 5.96E-13 | 2554 | 7.06E-13 | 2656 | 2.59E-12 | 2758 | 2.08E-12 | 2860 | 2.56E-12 | 2962 | 6.94E-12 | 3064 | 7.12E-12 | 3166 | 9.64E-12 |
| 2046 | -1.38E-13 | 2148 | 9.17E-13 | 2250 | 6.25E-13 | 2352 | 4.75E-13 | 2454 | 5.18E-13 | 2556 | 7.29E-13 | 2658 | 2.80E-12 | 2760 | 2.38E-12 | 2862 | 2.87E-12 | 2964 | 6.22E-12 | 3066 | 6.98E-12 | 3168 | 1.00E-11 |
| 2048 | -3.89E-13 | 2150 | 4.71E-13 | 2252 | 3.34E-13 | 2354 | 4.48E-13 | 2456 | 3.77E-13 | 2558 | 8.73E-13 | 2660 | 2.77E-12 | 2762 | 2.64E-12 | 2864 | 3.09E-12 | 2966 | 5.31E-12 | 3068 | 7.22E-12 | 3170 | 1.06E-11 |
| 2050 | -3.78E-13 | 2152 | -9.56E-14 | 2254 | 6.70E-13 | 2356 | 4.65E-13 | 2458 | 5.61E-13 | 2560 | 9.00E-13 | 2662 | 2.46E-12 | 2764 | 2.69E-12 | 2866 | 3.41E-12 | 2968 | 4.76E-12 | 3070 | 7.79E-12 | 3172 | 1.11E-11 |
| 2052 | -1.12E-13 | 2154 | 5.28E-13 | 2256 | 6.69E-13 | 2358 | 6.37E-13 | 2460 | 6.25E-13 | 2562 | 9.40E-13 | 2664 | 2.43E-12 | 2766 | 2.64E-12 | 2868 | 3.64E-12 | 2970 | 4.73E-12 | 3072 | 8.16E-12 | 3174 | 1.09E-11 |
| 2054 | 6.73E-13 | 2156 | 4.66E-13 | 2258 | 6.67E-13 | 2360 | 7.30E-13 | 2462 | 4.87E-13 | 2564 | 1.01E-12 | 2666 | 2.49E-12 | 2768 | 2.74E-12 | 2870 | 3.90E-12 | 2972 | 5.05E-12 | 3074 | 8.05E-12 | 3176 | 1.01E-11 |
| 2056 | 1.06E-12 | 2158 | 2.74E-13 | 2260 | 1.55E-13 | 2362 | 6.32E-13 | 2464 | 4.41E-13 | 2566 | 9.68E-13 | 2668 | 2.44E-12 | 2770 | 2.77E-12 | 2872 | 4.14E-12 | 2974 | 5.62E-12 | 3076 | 7.95E-12 | 3178 | 9.19E-12 |
| 2058 | 1.27E-12 | 2160 | 7.58E-13 | 2262 | 1.96E-13 | 2364 | 3.94E-13 | 2466 | 6.06E-13 | 2568 | 1.00E-12 | 2670 | 2.42E-12 | 2772 | 2.79E-12 | 2874 | 4.23E-12 | 2976 | 6.34E-12 | 3078 | 8.00E-12 | 3180 | 8.33E-12 |
| 2060 | 8.85E-13 | 2162 | 4.68E-13 | 2264 | 6.02E-13 | 2366 | 5.63E-13 | 2468 | 5.56E-13 | 2570 | 1.08E-12 | 2672 | 2.48E-12 | 2774 | 2.82E-12 | 2876 | 4.08E-12 | 2978 | 6.74E-12 | 3080 | 8.00E-12 | 3182 | 8.29E-12 |
| 2062 | 2.00E-14 | 2164 | 5.67E-14 | 2266 | 6.96E-13 | 2368 | 6.25E-13 | 2470 | 6.55E-13 | 2572 | 1.20E-12 | 2674 | 2.52E-12 | 2776 | 2.83E-12 | 2878 | 3.68E-12 | 2980 | 6.38E-12 | 3082 | 7.92E-12 | 3184 | 8.90E-12 |
| 2064 | -3.37E-13 | 2166 | 7.32E-14 | 2268 | 4.81E-13 | 2370 | 6.41E-13 | 2472 | 5.66E-13 | 2574 | 1.25E-12 | 2676 | 2.59E-12 | 2778 | 2.66E-12 | 2880 | 3.16E-12 | 2982 | 5.32E-12 | 3084 | 8.03E-12 | 3186 | 9.19E-12 |
| 2066 | 2.42E-13 | 2168 | -1.25E-13 | 2270 | 2.15E-13 | 2372 | 6.94E-13 | 2474 | 4.78E-13 | 2576 | 1.08E-12 | 2678 | 2.63E-12 | 2780 | 2.24E-12 | 2882 | 2.99E-12 | 2984 | 4.59E-12 | 3086 | 8.03E-12 | 3188 | 9.25E-12 |
| 2068 | -4.78E-13 | 2170 | 5.89E-13 | 2272 | 6.15E-13 | 2374 | 6.22E-13 | 2476 | 3.89E-13 | 2578 | 1.01E-12 | 2680 | 2.49E-12 | 2782 | 2.00E-12 | 2884 | 3.35E-12 | 2986 | 4.67E-12 | 3088 | 7.58E-12 | 3190 | 8.99E-12 |
| 2070 | -3.05E-13 | 2172 | 5.33E-13 | 2274 | 6.86E-13 | 2376 | 5.84E-13 | 2478 | 6.16E-13 | 2580 | 1.26E-12 | 2682 | 2.43E-12 | 2784 | 1.97E-12 | 2886 | 4.03E-12 | 2988 | 5.36E-12 | 3090 | 6.98E-12 | 3192 | 8.68E-12 |
| 2072 | 1.88E-13 | 2174 | 2.57E-13 | 2276 | 7.19E-13 | 2378 | 4.61E-13 | 2480 | 5.08E-13 | 2582 | 1.24E-12 | 2684 | 2.42E-12 | 2786 | 1.93E-12 | 2888 | 4.64E-12 | 2990 | 5.99E-12 | 3092 | 6.30E-12 | 3194 | 8.74E-12 |
| 2074 | 4.42E-13 | 2176 | 3.43E-13 | 2278 | 3.11E-13 | 2380 | 6.19E-13 | 2482 | 3.90E-13 | 2584 | 1.22E-12 | 2686 | 2.48E-12 | 2788 | 1.88E-12 | 2890 | 4.84E-12 | 2992 | 6.01E-12 | 3094 | 6.12E-12 | 3196 | 9.19E-12 |
| 2076 | 1.26E-12 | 2178 | 8.00E-14 | 2280 | 2.38E-13 | 2382 | 3.20E-13 | 2484 | 4.46E-13 | 2586 | 1.20E-12 | 2688 | 2.60E-12 | 2790 | 1.72E-12 | 2892 | 5.01E-12 | 2994 | 5.67E-12 | 3096 | 6.12E-12 | 3198 | 9.71E-12 |


HD 101501 G8 V V=5.33 (B−V)=0.72 E(B−V)=−0.02
LAP: LWP 11113
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
1800
2000
2200
2400
2600
2800
3000
3200

HD 103095 G8 Vp V=6.45 (B-V)=0.75 E(B-V)=0.01

LAP: LWP 13413

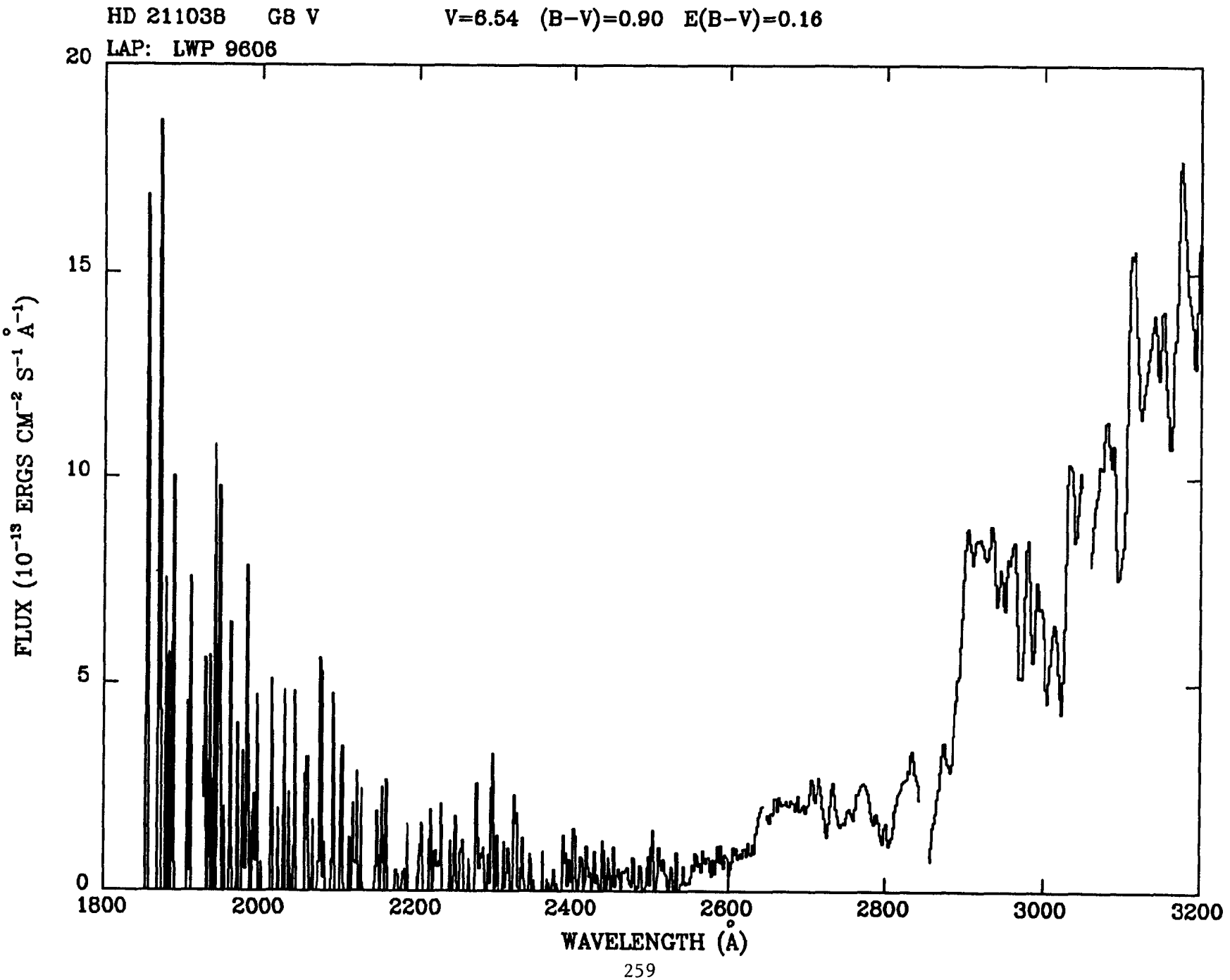
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.06E-13 | 2078 | 3.54E-14 | 2180 | 6.59E-14 | 2282 | 2.54E-13 | 2384 | 6.53E-14 | 2486 | 1.33E-13 | 2588 | 4.00E-13 | 2690 | 1.03E-12 | 2792 | 3.04E-13 | 2894 | 1.51E-12 | 2996 | 1.72E-12 | 3098 | 1.82E-12 |
| 1978 | -2.24E-14 | 2080 | -2.23E-13 | 2182 | 2.03E-13 | 2284 | 1.40E-13 | 2386 | 1.43E-13 | 2488 | 8.04E-14 | 2590 | 4.90E-13 | 2692 | 9.88E-13 | 2794 | 2.73E-13 | 2896 | 1.67E-12 | 2998 | 1.54E-12 | 3100 | 1.92E-12 |
| 1980 | -3.63E-13 | 2082 | -4.08E-14 | 2184 | 2.39E-13 | 2286 | 1.28E-13 | 2388 | 2.52E-13 | 2490 | 2.88E-14 | 2592 | 5.11E-13 | 2694 | 9.60E-13 | 2796 | 2.46E-13 | 2898 | 1.89E-12 | 3000 | 1.37E-12 | 3102 | 2.14E-12 |
| 1982 | -1.08E-13 | 2084 | 7.31E-14 | 2186 | 4.19E-13 | 2288 | 1.43E-13 | 2390 | 2.19E-13 | 2492 | 8.95E-14 | 2594 | 4.79E-13 | 2696 | 9.60E-13 | 2798 | 2.24E-13 | 2900 | 1.97E-12 | 3002 | 1.41E-12 | 3104 | 2.45E-12 |
| 1984 | 5.46E-14 | 2086 | 2.71E-13 | 2188 | 2.28E-13 | 2290 | 2.67E-13 | 2392 | 1.68E-13 | 2494 | 4.15E-14 | 2596 | 4.46E-13 | 2698 | 9.52E-13 | 2800 | 2.36E-13 | 2902 | 2.06E-12 | 3004 | 1.59E-12 | 3106 | 2.79E-12 |
| 1986 | 1.77E-13 | 2088 | -1.23E-13 | 2190 | -1.28E-13 | 2292 | 9.06E-14 | 2394 | 1.70E-13 | 2496 | 1.61E-13 | 2598 | 4.31E-13 | 2700 | 1.04E-12 | 2802 | 2.33E-13 | 2904 | 2.10E-12 | 3006 | 1.67E-12 | 3108 | 3.03E-12 |
| 1988 | -1.02E-13 | 2090 | 1.53E-13 | 2192 | -4.01E-14 | 2294 | 5.18E-13 | 2396 | 1.89E-13 | 2498 | 1.93E-13 | 2600 | 3.47E-13 | 2702 | 1.12E-12 | 2804 | 2.55E-13 | 2906 | 2.00E-12 | 3008 | 1.69E-12 | 3110 | 3.14E-12 |
| 1990 | 8.61E-14 | 2092 | 2.23E-13 | 2194 | 2.37E-13 | 2296 | 3.86E-13 | 2398 | 1.53E-13 | 2500 | 1.42E-13 | 2602 | 3.76E-13 | 2704 | 1.16E-12 | 2806 | 2.78E-13 | 2908 | 2.00E-12 | 3010 | 1.83E-12 | 3112 | 3.08E-12 |
| 1992 | 1.33E-13 | 2094 | -1.40E-13 | 2196 | 7.29E-14 | 2298 | -2.96E-14 | 2400 | 2.60E-13 | 2502 | 2.33E-13 | 2604 | 4.18E-13 | 2706 | 1.16E-12 | 2808 | 3.10E-13 | 2910 | 2.04E-12 | 3012 | 1.87E-12 | 3114 | 2.96E-12 |
| 1994 | 1.35E-13 | 2096 | -2.72E-14 | 2198 | -7.21E-14 | 2300 | 5.88E-14 | 2402 | 1.63E-13 | 2504 | 1.89E-13 | 2606 | 4.26E-13 | 2708 | 1.07E-12 | 2810 | 3.86E-13 | 2912 | 2.11E-12 | 3014 | 1.72E-12 | 3116 | 2.80E-12 |
| 1996 | 1.27E-13 | 2098 | 1.05E-13 | 2200 | 2.17E-13 | 2302 | 2.27E-13 | 2404 | 1.59E-13 | 2506 | 8.14E-14 | 2608 | 3.90E-13 | 2710 | 1.02E-12 | 2812 | 4.59E-13 | 2914 | 2.14E-12 | 3016 | 1.49E-12 | 3118 | 2.72E-12 |
| 1998 | -2.22E-13 | 2100 | -6.67E-14 | 2202 | 3.69E-13 | 2304 | 1.38E-13 | 2406 | 7.07E-14 | 2508 | 6.33E-14 | 2610 | 3.52E-13 | 2712 | 9.81E-13 | 2814 | 5.07E-13 | 2916 | 2.12E-12 | 3018 | 1.29E-12 | 3120 | 2.71E-12 |
| 2000 | 1.66E-13 | 2102 | 3.13E-14 | 2204 | 3.70E-13 | 2306 | 1.18E-13 | 2408 | 2.02E-13 | 2510 | 1.26E-13 | 2612 | 3.29E-13 | 2714 | 9.30E-13 | 2816 | 5.89E-13 | 2918 | 2.12E-12 | 3020 | 1.20E-12 | 3122 | 2.64E-12 |
| 2002 | 2.23E-13 | 2104 | -1.02E-13 | 2206 | 2.13E-13 | 2308 | 2.11E-13 | 2410 | 2.05E-13 | 2512 | 1.19E-13 | 2614 | 3.39E-13 | 2716 | 8.07E-13 | 2818 | 6.71E-13 | 2920 | 2.18E-12 | 3022 | 1.31E-12 | 3124 | 2.62E-12 |
| 2004 | 5.05E-13 | 2106 | -2.13E-13 | 2208 | 1.97E-13 | 2310 | 2.64E-13 | 2412 | 1.88E-13 | 2514 | 9.73E-14 | 2616 | 3.85E-13 | 2718 | 6.12E-13 | 2820 | 7.49E-13 | 2922 | 2.08E-12 | 3024 | 1.57E-12 | 3126 | 2.64E-12 |
| 2006 | -1.17E-13 | 2108 | -3.56E-13 | 2210 | -5.20E-14 | 2312 | 1.03E-13 | 2414 | 1.97E-13 | 2516 | 9.66E-14 | 2618 | 4.52E-13 | 2720 | 4.85E-13 | 2822 | 8.04E-13 | 2924 | 1.95E-12 | 3026 | 1.88E-12 | 3128 | 2.71E-12 |
| 2008 | -3.91E-13 | 2110 | 5.54E-14 | 2212 | -1.96E-13 | 2314 | 7.46E-14 | 2416 | 2.52E-13 | 2518 | 4.54E-14 | 2620 | 5.12E-13 | 2722 | 4.75E-13 | 2824 | 8.31E-13 | 2926 | 1.89E-12 | 3028 | 2.15E-12 | 3130 | 2.79E-12 |
| 2010 | -4.36E-14 | 2112 | 1.57E-13 | 2214 | -9.07E-14 | 2316 | 8.99E-14 | 2418 | 2.55E-13 | 2520 | 6.70E-14 | 2622 | 5.32E-13 | 2724 | 5.14E-13 | 2826 | 8.93E-13 | 2928 | 1.96E-12 | 3030 | 2.37E-12 | 3132 | 2.81E-12 |
| 2012 | 2.34E-13 | 2114 | 1.29E-14 | 2216 | 4.31E-14 | 2318 | 2.87E-14 | 2420 | 2.71E-13 | 2522 | 8.23E-14 | 2624 | 5.13E-13 | 2726 | 5.88E-13 | 2828 | 9.65E-13 | 2930 | 2.08E-12 | 3032 | 2.41E-12 | 3134 | 2.88E-12 |
| 2014 | 8.09E-13 | 2116 | 3.38E-13 | 2218 | 3.55E-14 | 2320 | -4.23E-14 | 2422 | 3.18E-13 | 2524 | 4.99E-14 | 2626 | 4.52E-13 | 2728 | 7.08E-13 | 2830 | 1.00E-12 | 2932 | | 3034 | 2.38E-12 | 3136 | 2.98E-12 |
| 2016 | 6.63E-14 | 2118 | 1.43E-13 | 2220 | 4.04E-15 | 2322 | 3.07E-13 | 2424 | 3.12E-13 | 2526 | 6.90E-14 | 2628 | 3.73E-13 | 2730 | 8.11E-13 | 2832 | 1.03E-12 | 2934 | | 3036 | 2.34E-12 | 3138 | 2.97E-12 |
| 2018 | -2.91E-13 | 2120 | 3.92E-13 | 2222 | 1.52E-13 | 2324 | 3.76E-13 | 2426 | 3.64E-13 | 2528 | 8.23E-14 | 2630 | 3.84E-13 | 2732 | 7.90E-13 | 2834 | 9.95E-13 | 2936 | | 3038 | 2.23E-12 | 3140 | 2.88E-12 |
| 2020 | 1.03E-13 | 2122 | 4.31E-13 | 2224 | 1.73E-13 | 2326 | 2.52E-13 | 2428 | 3.31E-13 | 2530 | 5.89E-14 | 2632 | 3.95E-13 | 2734 | 6.69E-13 | 2836 | 9.20E-13 | 2938 | 1.67E-12 | 3040 | 2.16E-12 | 3142 | 2.73E-12 |
| 2022 | 3.84E-13 | 2124 | -8.40E-14 | 2226 | 1.37E-13 | 2328 | 1.54E-13 | 2430 | 2.34E-13 | 2532 | 1.15E-13 | 2634 | 5.75E-13 | 2736 | 5.70E-13 | 2838 | 8.89E-13 | 2940 | 1.66E-12 | 3042 | 2.25E-12 | 3144 | 2.63E-12 |
| 2024 | -5.02E-15 | 2126 | | 2228 | 1.48E-13 | 2330 | 1.18E-13 | 2432 | 2.48E-13 | 2534 | 1.21E-13 | 2636 | 8.10E-13 | 2738 | 5.30E-13 | 2840 | 8.45E-13 | 2942 | 1.68E-12 | 3044 | 2.29E-12 | 3146 | 2.69E-12 |
| 2026 | -2.76E-13 | 2128 | 2.76E-13 | 2230 | 2.14E-13 | 2332 | 1.60E-13 | 2434 | 1.73E-13 | 2536 | 5.97E-14 | 2638 | 1.00E-12 | 2740 | 5.06E-13 | 2842 | 7.54E-13 | 2944 | 1.72E-12 | 3046 | 2.24E-12 | 3148 | 2.87E-12 |
| 2028 | -5.92E-14 | 2130 | 2.12E-13 | 2232 | 1.96E-13 | 2334 | 1.91E-13 | 2436 | 1.57E-13 | 2538 | 1.07E-13 | 2640 | 1.05E-12 | 2742 | 4.86E-13 | 2844 | 6.04E-13 | 2946 | 1.73E-12 | 3048 | 2.23E-12 | 3150 | 2.96E-12 |
| 2030 | 2.23E-13 | 2132 | 6.46E-14 | 2234 | 3.27E-14 | 2336 | 2.19E-13 | 2438 | 2.64E-13 | 2540 | 1.77E-13 | 2642 | 1.12E-12 | 2744 | 4.73E-13 | 2846 | 4.90E-13 | 2948 | 1.74E-12 | 3050 | 2.23E-12 | 3152 | 2.90E-12 |
| 2032 | -1.83E-13 | 2134 | -1.05E-13 | 2236 | 1.27E-13 | 2338 | 1.67E-13 | 2440 | 2.22E-13 | 2542 | 2.11E-13 | 2644 | 1.15E-12 | 2746 | 4.89E-13 | 2848 | | 2950 | 1.76E-12 | 3052 | | 3154 | 2.58E-12 |
| 2034 | -1.34E-13 | 2136 | 1.09E-13 | 2238 | 2.02E-13 | 2340 | 1.37E-13 | 2442 | 1.63E-13 | 2544 | 1.42E-13 | 2646 | 1.00E-12 | 2748 | 4.95E-13 | 2850 | | 2952 | 1.73E-12 | 3054 | | 3156 | 2.38E-12 |
| 2036 | 1.76E-13 | 2138 | 2.24E-13 | 2240 | 3.17E-13 | 2342 | 2.70E-14 | 2444 | 2.64E-13 | 2546 | 1.41E-13 | 2648 | 1.01E-12 | 2750 | 5.09E-13 | 2852 | | 2954 | 1.76E-12 | 3056 | | 3158 | 2.25E-12 |
| 2038 | -6.42E-14 | 2140 | 1.84E-13 | 2242 | 2.75E-13 | 2344 | 1.24E-13 | 2446 | 2.53E-13 | 2548 | 1.66E-13 | 2650 | 1.05E-12 | 2752 | 5.57E-13 | 2854 | | 2956 | 1.87E-12 | 3058 | | 3160 | 2.36E-12 |
| 2040 | -2.22E-13 | 2142 | 6.10E-14 | 2244 | 1.06E-13 | 2346 | 2.06E-13 | 2448 | 2.06E-13 | 2550 | 1.71E-13 | 2652 | 1.10E-12 | 2754 | 6.17E-13 | 2856 | 2.51E-13 | 2958 | 2.01E-12 | 3060 | | 3162 | 2.66E-12 |
| 2042 | 1.05E-13 | 2144 | 1.03E-13 | 2246 | 2.03E-13 | 2348 | 4.18E-14 | 2450 | 1.84E-13 | 2552 | 2.23E-13 | 2654 | 1.13E-12 | 2756 | 6.32E-13 | 2858 | 3.00E-13 | 2960 | 1.99E-12 | 3062 | 2.07E-12 | 3164 | 2.89E-12 |
| 2044 | -2.73E-13 | 2146 | 4.55E-13 | 2248 | 2.50E-13 | 2350 | 9.85E-14 | 2452 | 2.14E-13 | 2554 | 3.38E-13 | 2656 | 1.20E-12 | 2758 | 6.79E-13 | 2860 | 4.13E-13 | 2962 | 1.86E-12 | 3064 | 2.01E-12 | 3166 | 3.01E-12 |
| 2046 | -4.79E-13 | 2148 | 4.83E-13 | 2250 | 1.66E-13 | 2352 | 1.25E-13 | 2454 | 1.74E-13 | 2556 | 3.60E-13 | 2658 | 1.30E-12 | 2760 | 7.51E-13 | 2862 | 5.39E-13 | 2964 | 1.61E-12 | 3066 | 1.98E-12 | 3168 | 3.07E-12 |
| 2048 | -3.44E-13 | 2150 | -1.44E-13 | 2252 | 2.07E-13 | 2354 | 2.68E-13 | 2456 | 1.52E-13 | 2558 | 4.01E-13 | 2660 | 1.24E-12 | 2762 | 8.15E-13 | 2864 | 6.68E-13 | 2966 | 1.34E-12 | 3068 | 2.13E-12 | 3170 | 3.22E-12 |
| 2050 | -1.78E-13 | 2152 | 1.44E-13 | 2254 | 2.98E-13 | 2356 | 1.30E-13 | 2458 | 1.96E-13 | 2560 | 3.73E-13 | 2662 | 1.05E-12 | 2764 | 8.47E-13 | 2866 | 8.25E-13 | 2968 | 1.24E-12 | 3070 | 2.35E-12 | 3172 | 3.37E-12 |
| 2052 | 1.02E-13 | 2154 | 3.62E-13 | 2256 | 2.49E-13 | 2358 | 2.00E-13 | 2460 | 1.93E-13 | 2562 | 3.69E-13 | 2664 | 1.08E-12 | 2766 | 8.45E-13 | 2868 | 9.29E-13 | 2970 | 1.28E-12 | 3072 | 2.50E-12 | 3174 | 3.35E-12 |
| 2054 | 1.68E-13 | 2156 | -2.63E-14 | 2258 | 1.40E-13 | 2360 | 1.31E-13 | 2462 | 1.41E-13 | 2564 | 3.85E-13 | 2666 | 1.05E-12 | 2768 | 8.23E-13 | 2870 | 9.70E-13 | 2972 | 1.46E-12 | 3074 | 2.59E-12 | 3176 | 3.13E-12 |
| 2056 | -6.37E-16 | 2158 | 1.32E-13 | 2260 | 1.26E-13 | 2362 | 1.04E-13 | 2464 | 1.43E-13 | 2566 | 3.88E-13 | 2668 | 1.05E-12 | 2770 | 7.94E-13 | 2872 | 1.03E-12 | 2974 | 1.73E-12 | 3076 | 2.63E-12 | 3178 | 2.87E-12 |
| 2058 | -1.40E-13 | 2160 | 3.65E-13 | 2262 | 1.49E-13 | 2364 | 7.18E-14 | 2466 | 1.81E-13 | 2568 | 4.09E-13 | 2670 | 1.12E-12 | 2772 | 8.40E-13 | 2874 | 1.03E-12 | 2976 | 2.04E-12 | 3078 | 2.59E-12 | 3180 | 2.61E-12 |
| 2060 | -2.15E-13 | 2162 | 1.15E-13 | 2264 | 1.53E-13 | 2366 | 1.78E-13 | 2468 | 1.62E-13 | 2570 | 4.70E-13 | 2672 | 1.18E-12 | 2774 | 8.89E-13 | 2876 | 9.62E-13 | 2978 | 2.05E-12 | 3080 | 2.50E-12 | 3182 | 2.58E-12 |
| 2062 | -2.72E-13 | 2164 | -7.18E-14 | 2266 | 3.23E-14 | 2368 | 1.86E-13 | 2470 | 1.37E-13 | 2572 | 5.30E-13 | 2674 | 1.18E-12 | 2776 | 8.49E-13 | 2878 | 8.19E-13 | 2980 | 1.83E-12 | 3082 | 2.44E-12 | 3184 | 2.73E-12 |
| 2064 | -1.71E-13 | 2166 | -3.45E-14 | 2268 | -3.11E-14 | 2370 | 1.15E-13 | 2472 | 1.29E-13 | 2574 | 5.15E-13 | 2676 | 1.13E-12 | 2778 | 7.18E-13 | 2880 | 7.13E-13 | 2982 | 1.49E-12 | 3084 | 2.41E-12 | 3186 | 2.84E-12 |
| 2066 | -1.50E-13 | 2168 | -2.10E-14 | 2270 | 2.41E-14 | 2372 | 9.41E-14 | 2474 | 8.99E-14 | 2576 | 4.45E-13 | 2678 | 1.08E-12 | 2780 | 5.88E-13 | 2882 | 7.19E-13 | 2984 | 1.39E-12 | 3086 | 2.23E-12 | 3188 | 2.92E-12 |
| 2068 | -2.94E-13 | 2170 | 5.57E-14 | 2272 | 1.91E-14 | 2374 | 1.08E-13 | 2476 | 1.26E-13 | 2578 | 3.91E-13 | 2680 | 9.91E-13 | 2782 | 4.98E-13 | 2884 | 8.49E-13 | 2986 | 1.52E-12 | 3088 | 2.03E-12 | 3190 | 3.01E-12 |
| 2070 | -2.31E-13 | 2172 | 8.16E-15 | 2274 | 1.73E-13 | 2376 | 1.32E-13 | 2478 | 2.04E-13 | 2580 | 4.29E-13 | 2682 | 1.00E-12 | 2784 | 4.91E-13 | 2886 | 1.08E-12 | 2988 | 1.79E-12 | 3090 | 1.85E-12 | 3192 | 3.00E-12 |
| 2072 | -1.78E-13 | 2174 | 1.59E-13 | 2276 | 1.58E-13 | 2378 | 1.72E-13 | 2480 | 1.36E-13 | 2582 | 4.25E-13 | 2684 | 1.06E-12 | 2786 | 5.10E-13 | 2888 | 1.34E-12 | 2990 | 1.92E-12 | 3092 | 1.73E-12 | 3194 | 3.00E-12 |
| 2074 | 2.06E-13 | 2176 | 9.41E-16 | 2278 | 4.19E-14 | 2380 | 2.20E-13 | 2482 | 9.81E-14 | 2584 | 4.40E-13 | 2686 | 1.12E-12 | 2788 | 4.74E-13 | 2890 | 1.46E-12 | 2992 | 1.91E-12 | 3094 | 1.77E-12 | 3196 | 3.15E-12 |
| 2076 | 3.59E-13 | 2178 | 2.76E-13 | 2280 | 2.01E-13 | 2382 | 3.88E-14 | 2484 | 1.19E-13 | 2586 | 4.06E-13 | 2688 | 1.09E-12 | 2790 | 3.77E-13 | 2892 | 1.51E-12 | 2994 | 1.80E-12 | 3096 | 1.81E-12 | 3198 | 3.37E-12 |


HD 103095 G8 Vp V=6.45 (B-V)=0.75 E(B-V)=0.01
LAP: LWP 13413
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 211038 G8 V V=6.54 (B-V)=0.90 E(B-V)=0.16**

**LAP: LWP 9606**

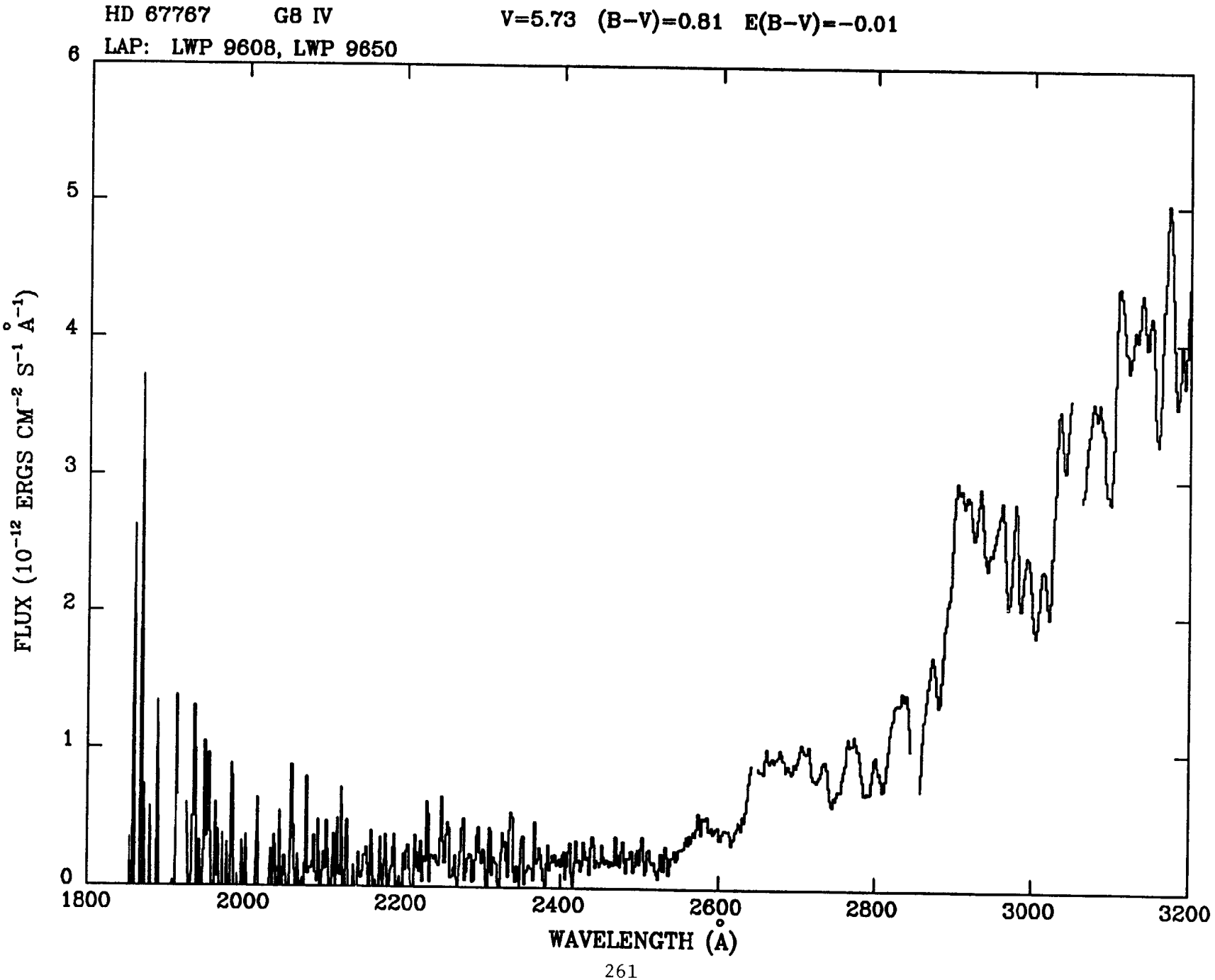
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 7.86E-14 | 2078 | 2.80E-13 | 2180 | 2.75E-14 | 2282 | 8.50E-14 | 2384 | -1.35E-14 | 2486 | 4.51E-14 | 2588 | 8.15E-14 | 2690 | 2.01E-13 | 2792 | 1.55E-13 | 2894 | 5.18E-13 | 2996 | 6.84E-13 | 3098 | 7.87E-13 |
| 1978 | 2.54E-13 | 2080 | 7.80E-14 | 2182 | 4.53E-14 | 2284 | 9.83E-14 | 2386 | 3.95E-15 | 2488 | 5.92E-14 | 2590 | 9.44E-14 | 2692 | 1.96E-13 | 2794 | 1.31E-13 | 2896 | 5.92E-13 | 2998 | 6.74E-13 | 3100 | 8.14E-13 |
| 1980 | 9.91E-14 | 2082 | -3.12E-14 | 2184 | 3.43E-14 | 2286 | 1.86E-14 | 2388 | 1.14E-13 | 2490 | -4.19E-15 | 2592 | 6.20E-14 | 2694 | 2.04E-13 | 2796 | 1.19E-13 | 2898 | 6.70E-13 | 3000 | 6.33E-13 | 3102 | 8.55E-13 |
| 1982 | 6.01E-13 | 2084 | -3.22E-13 | 2186 | 1.59E-14 | 2288 | -8.99E-14 | 2390 | 7.55E-14 | 2492 | -8.93E-15 | 2594 | 7.00E-14 | 2696 | 2.08E-13 | 2798 | 1.38E-13 | 2900 | 7.67E-13 | 3002 | 5.28E-13 | 3104 | 9.86E-13 |
| 1984 | 4.38E-13 | 2086 | -2.19E-13 | 2188 | 9.42E-14 | 2290 | 5.71E-14 | 2392 | 5.47E-14 | 2494 | 1.33E-14 | 2596 | 8.51E-14 | 2698 | 1.92E-13 | 2800 | 1.60E-13 | 2902 | 8.39E-13 | 3004 | 4.65E-13 | 3106 | 1.22E-12 |
| 1986 | -1.29E-14 | 2088 | -9.57E-15 | 2190 | -1.21E-13 | 2292 | 2.07E-14 | 2394 | 4.34E-14 | 2496 | 5.86E-14 | 2598 | 8.07E-14 | 2700 | 2.06E-13 | 2802 | 1.36E-13 | 2904 | 8.73E-13 | 3006 | 4.98E-13 | 3108 | 1.42E-12 |
| 1988 | -1.09E-13 | 2090 | 6.65E-14 | 2192 | -1.94E-13 | 2294 | 2.52E-13 | 2396 | 6.41E-14 | 2498 | 7.14E-14 | 2600 | 5.22E-14 | 2702 | 2.16E-13 | 2804 | 1.13E-13 | 2906 | 8.65E-13 | 3008 | 5.45E-13 | 3110 | 1.53E-12 |
| 1990 | 1.93E-13 | 2092 | 4.56E-13 | 2194 | -6.36E-14 | 2296 | 2.97E-13 | 2398 | 3.27E-14 | 2500 | 3.58E-14 | 2602 | 4.95E-14 | 2704 | 2.48E-13 | 2806 | 1.19E-13 | 2908 | 8.34E-13 | 3010 | 5.88E-13 | 3112 | 1.54E-12 |
| 1992 | 2.10E-13 | 2094 | -5.95E-14 | 2196 | -6.87E-14 | 2298 | -4.90E-15 | 2400 | 1.10E-13 | 2502 | 1.17E-13 | 2604 | 6.76E-14 | 2706 | 2.66E-13 | 2808 | 1.29E-13 | 2910 | 8.07E-13 | 3012 | 6.25E-13 | 3114 | 1.55E-12 |
| 1994 | 1.72E-13 | 2096 | -5.44E-13 | 2198 | -7.74E-14 | 2300 | 4.01E-14 | 2402 | 1.36E-13 | 2504 | 8.86E-14 | 2606 | 9.93E-14 | 2708 | 2.42E-13 | 2810 | 1.56E-13 | 2912 | 8.06E-13 | 3014 | 6.44E-13 | 3116 | 1.48E-12 |
| 1996 | 2.63E-13 | 2098 | -3.03E-14 | 2200 | -2.19E-14 | 2302 | 1.20E-13 | 2404 | 4.40E-14 | 2506 | -1.52E-14 | 2608 | 8.97E-14 | 2710 | 2.19E-13 | 2812 | 1.97E-13 | 2914 | 8.35E-13 | 3016 | 6.28E-13 | 3118 | 1.37E-12 |
| 1998 | -1.83E-13 | 2100 | 7.52E-14 | 2202 | 6.67E-14 | 2304 | -4.54E-15 | 2406 | -4.49E-14 | 2508 | 1.13E-14 | 2610 | 1.01E-13 | 2712 | 2.28E-13 | 2814 | 2.15E-13 | 2916 | 8.48E-13 | 3018 | 5.83E-13 | 3120 | 1.28E-12 |
| 2000 | -1.77E-15 | 2102 | 3.40E-13 | 2204 | 1.07E-13 | 2306 | -1.82E-13 | 2408 | 3.87E-14 | 2510 | 7.53E-14 | 2612 | 7.84E-14 | 2714 | 2.61E-13 | 2816 | 2.36E-13 | 2918 | 8.48E-13 | 3020 | 5.08E-13 | 3122 | 1.18E-12 |
| 2002 | -7.87E-14 | 2104 | 2.16E-13 | 2206 | 1.59E-13 | 2308 | -9.80E-14 | 2410 | 8.06E-14 | 2512 | 7.96E-14 | 2614 | 8.20E-14 | 2716 | 2.60E-13 | 2818 | 2.42E-13 | 2920 | 8.50E-13 | 3022 | 4.54E-13 | 3124 | 1.15E-12 |
| 2004 | -1.22E-13 | 2106 | -1.15E-13 | 2208 | -2.04E-14 | 2310 | 5.67E-14 | 2412 | 6.48E-14 | 2514 | 5.43E-14 | 2616 | 8.74E-14 | 2718 | 2.37E-13 | 2820 | 2.52E-13 | 2922 | 8.40E-13 | 3024 | 4.67E-13 | 3126 | 1.18E-12 |
| 2006 | -3.58E-14 | 2108 | -3.65E-13 | 2210 | -5.93E-14 | 2312 | 4.60E-14 | 2414 | 4.17E-16 | 2516 | 6.87E-14 | 2618 | 8.78E-14 | 2720 | 2.05E-13 | 2822 | 2.64E-13 | 2924 | 8.29E-13 | 3026 | 5.80E-13 | 3128 | 1.21E-12 |
| 2008 | -5.41E-13 | 2110 | -1.40E-13 | 2212 | -2.57E-13 | 2314 | 3.27E-14 | 2416 | 4.90E-14 | 2518 | 4.86E-14 | 2620 | 1.02E-13 | 2722 | 1.79E-13 | 2824 | 2.69E-13 | 2926 | 8.08E-13 | 3028 | 7.32E-13 | 3130 | 1.24E-12 |
| 2010 | -2.52E-13 | 2112 | 1.04E-13 | 2214 | 3.35E-14 | 2316 | 8.73E-14 | 2418 | 8.94E-14 | 2520 | 3.87E-14 | 2622 | 9.40E-14 | 2724 | 1.43E-13 | 2826 | 2.72E-13 | 2928 | 8.02E-13 | 3030 | 9.21E-13 | 3132 | 1.27E-12 |
| 2012 | -4.42E-14 | 2114 | -6.13E-15 | 2216 | 1.46E-13 | 2318 | 9.50E-14 | 2420 | 4.64E-14 | 2522 | 1.36E-14 | 2624 | 1.01E-13 | 2726 | 1.34E-13 | 2828 | 2.85E-13 | 2930 | 8.12E-13 | 3032 | 1.02E-12 | 3134 | 1.30E-12 |
| 2014 | 4.79E-13 | 2116 | 1.58E-13 | 2218 | 1.19E-13 | 2320 | -8.94E-14 | 2422 | 3.91E-14 | 2524 | -5.22E-15 | 2626 | 1.01E-13 | 2728 | 1.71E-13 | 2830 | 2.88E-13 | 2932 | 8.47E-13 | 3034 | 1.03E-12 | 3136 | 1.34E-12 |
| 2016 | 1.04E-13 | 2118 | 9.22E-14 | 2220 | 2.43E-14 | 2322 | -1.02E-13 | 2424 | 1.41E-14 | 2526 | 5.74E-14 | 2628 | 8.88E-14 | 2730 | 2.17E-13 | 2832 | 3.20E-13 | 2934 | 8.82E-13 | 3036 | 1.02E-12 | 3138 | 1.37E-12 |
| 2018 | -4.40E-13 | 2120 | 6.72E-14 | 2222 | 9.17E-14 | 2324 | 2.25E-13 | 2426 | 3.80E-14 | 2528 | 4.38E-14 | 2630 | 1.06E-13 | 2732 | 2.52E-13 | 2834 | 3.38E-13 | 2936 | 8.68E-13 | 3038 | 9.65E-13 | 3140 | 1.39E-12 |
| 2020 | -3.62E-13 | 2122 | 2.60E-13 | 2224 | 7.56E-14 | 2326 | 1.68E-13 | 2428 | 8.59E-14 | 2530 | -1.85E-15 | 2632 | 9.52E-14 | 2734 | 2.52E-13 | 2836 | 3.19E-13 | 2938 | 8.02E-13 | 3040 | 8.46E-13 | 3142 | 1.37E-12 |
| 2022 | 6.05E-15 | 2124 | -2.46E-13 | 2226 | 5.87E-14 | 2328 | 1.43E-13 | 2430 | 3.85E-14 | 2532 | 4.05E-14 | 2634 | 1.32E-13 | 2736 | 2.18E-13 | 2838 | 2.85E-13 | 2940 | 7.15E-13 | 3042 | 8.68E-13 | 3144 | 1.29E-12 |
| 2024 | -4.76E-14 | 2126 | -9.12E-14 | 2228 | 6.63E-14 | 2330 | 7.27E-15 | 2432 | 3.53E-14 | 2534 | 5.77E-14 | 2636 | 1.56E-13 | 2738 | 1.90E-13 | 2840 | 2.68E-13 | 2942 | 7.00E-13 | 3044 | 9.24E-13 | 3146 | 1.24E-12 |
| 2026 | -2.85E-13 | 2128 | 1.89E-13 | 2230 | 1.75E-13 | 2332 | 2.05E-14 | 2434 | -1.24E-15 | 2536 | -1.91E-14 | 2638 | 1.78E-13 | 2740 | 1.70E-13 | 2842 | 2.54E-13 | 2944 | 7.28E-13 | 3046 | 9.79E-13 | 3148 | 1.30E-12 |
| 2028 | -1.11E-13 | 2130 | -1.16E-14 | 2232 | -6.46E-14 | 2334 | 8.67E-14 | 2436 | -7.46E-14 | 2538 | -1.27E-14 | 2640 | 1.93E-13 | 2742 | 1.58E-13 | 2844 | 2.22E-13 | 2946 | 7.68E-13 | 3048 | 1.00E-12 | 3150 | 1.39E-12 |
| 2030 | 3.80E-13 | 2132 | -1.15E-13 | 2234 | -1.54E-13 | 2336 | 7.78E-14 | 2438 | 1.19E-13 | 2540 | 1.73E-14 | 2642 | 2.04E-13 | 2744 | 1.61E-13 | 2846 | | 2948 | 7.56E-13 | 3050 | 9.82E-13 | 3152 | 1.41E-12 |
| 2032 | -4.08E-13 | 2134 | -2.02E-13 | 2236 | -1.34E-13 | 2338 | 1.21E-14 | 2440 | 8.26E-14 | 2542 | 4.39E-14 | 2644 | 2.04E-13 | 2746 | 1.66E-13 | 2848 | | 2950 | 7.02E-13 | 3052 | | 3154 | 1.31E-12 |
| 2034 | -2.43E-13 | 2136 | -1.50E-13 | 2238 | -5.55E-14 | 2340 | -2.21E-15 | 2442 | 1.91E-15 | 2544 | 3.14E-14 | 2646 | | 2748 | 1.63E-13 | 2850 | | 2952 | 6.80E-13 | 3054 | | 3156 | 1.22E-12 |
| 2036 | 2.24E-13 | 2138 | -1.13E-13 | 2240 | 1.34E-14 | 2342 | -1.12E-14 | 2444 | 1.56E-14 | 2546 | 1.65E-14 | 2648 | 1.77E-13 | 2750 | 1.77E-13 | 2852 | | 2954 | 7.66E-13 | 3056 | | 3158 | 1.14E-12 |
| 2038 | -9.24E-14 | 2140 | -1.63E-13 | 2242 | 8.45E-14 | 2344 | 6.29E-14 | 2446 | 6.99E-14 | 2548 | 1.97E-14 | 2650 | 1.75E-13 | 2752 | 1.94E-13 | 2854 | | 2956 | 8.01E-13 | 3058 | | 3160 | 1.07E-12 |
| 2040 | -3.06E-13 | 2142 | -1.15E-13 | 2244 | -3.33E-14 | 2346 | 7.95E-14 | 2448 | 2.72E-14 | 2550 | 1.75E-14 | 2652 | 1.77E-13 | 2754 | 1.98E-13 | 2856 | 7.29E-14 | 2958 | 7.96E-13 | 3060 | 7.88E-13 | 3162 | 1.09E-12 |
| 2042 | 2.00E-13 | 2144 | -8.64E-15 | 2246 | 1.01E-14 | 2348 | -1.09E-13 | 2450 | 1.03E-14 | 2552 | 3.41E-14 | 2654 | 1.89E-13 | 2756 | 1.89E-13 | 2858 | 9.44E-14 | 2960 | 8.19E-13 | 3062 | 8.17E-13 | 3164 | 1.19E-12 |
| 2044 | 3.34E-13 | 2146 | 5.24E-14 | 2248 | 1.58E-13 | 2350 | 1.71E-14 | 2452 | 7.39E-14 | 2554 | 6.08E-14 | 2656 | 1.86E-13 | 2758 | 1.80E-13 | 2860 | 1.43E-13 | 2962 | 8.38E-13 | 3064 | 8.75E-13 | 3166 | 1.32E-12 |
| 2046 | -3.24E-14 | 2148 | 1.78E-13 | 2250 | 1.00E-13 | 2352 | -7.43E-14 | 2454 | 4.78E-14 | 2556 | 5.59E-14 | 2658 | 2.12E-13 | 2760 | 1.81E-13 | 2862 | 1.65E-13 | 2964 | 8.16E-13 | 3066 | 9.27E-13 | 3168 | 1.38E-12 |
| 2048 | -1.31E-13 | 2150 | 8.24E-14 | 2252 | -3.24E-14 | 2354 | -1.81E-14 | 2456 | 2.77E-14 | 2558 | 8.83E-14 | 2660 | 2.23E-13 | 2762 | 2.13E-13 | 2864 | 1.85E-13 | 2966 | 7.17E-13 | 3068 | 9.53E-13 | 3170 | 1.51E-12 |
| 2050 | -2.90E-13 | 2152 | -2.66E-14 | 2254 | 2.62E-14 | 2356 | -1.03E-13 | 2458 | 4.84E-14 | 2560 | 7.76E-14 | 2662 | 1.98E-13 | 2764 | 2.35E-13 | 2866 | 2.23E-13 | 2968 | 5.76E-13 | 3070 | 9.80E-13 | 3172 | 1.69E-12 |
| 2052 | -3.85E-13 | 2154 | 2.33E-13 | 2256 | 9.83E-14 | 2358 | -1.31E-13 | 2460 | 3.38E-14 | 2562 | 6.20E-14 | 2664 | 2.24E-13 | 2766 | 2.40E-13 | 2868 | 2.50E-13 | 2970 | 5.19E-13 | 3072 | 1.03E-12 | 3174 | 1.77E-12 |
| 2054 | -1.36E-13 | 2156 | 9.56E-14 | 2258 | 1.17E-13 | 2360 | -6.95E-15 | 2462 | 9.75E-15 | 2564 | 5.73E-14 | 2666 | 2.17E-13 | 2768 | 2.51E-13 | 2870 | 2.95E-13 | 2972 | 5.18E-13 | 3074 | 1.02E-12 | 3176 | 1.74E-12 |
| 2056 | 1.99E-13 | 2158 | 7.14E-14 | 2260 | -9.91E-15 | 2362 | 3.25E-14 | 2464 | 4.49E-14 | 2566 | 7.19E-14 | 2668 | 2.07E-13 | 2770 | 2.59E-13 | 2872 | 3.36E-13 | 2974 | 5.65E-13 | 3076 | 1.04E-12 | 3178 | 1.67E-12 |
| 2058 | 3.14E-13 | 2160 | 2.13E-13 | 2262 | -9.87E-14 | 2364 | -6.59E-14 | 2466 | 4.46E-14 | 2568 | 8.70E-14 | 2670 | 2.10E-13 | 2772 | 2.61E-13 | 2874 | 3.59E-13 | 2976 | 6.89E-13 | 3078 | 1.11E-12 | 3180 | 1.59E-12 |
| 2060 | 1.50E-13 | 2162 | -6.15E-14 | 2264 | -1.26E-14 | 2366 | -1.72E-14 | 2468 | 5.11E-14 | 2570 | 7.10E-14 | 2672 | 2.12E-13 | 2774 | 2.58E-13 | 2876 | 3.47E-13 | 2978 | 8.11E-13 | 3080 | 1.14E-12 | 3182 | 1.51E-12 |
| 2062 | -1.05E-13 | 2164 | -1.64E-13 | 2266 | 6.91E-14 | 2368 | 2.22E-14 | 2470 | 5.14E-14 | 2572 | 7.54E-14 | 2674 | 2.15E-13 | 2776 | 2.49E-13 | 2878 | 3.18E-13 | 2980 | 8.47E-13 | 3082 | 1.11E-12 | 3184 | 1.45E-12 |
| 2064 | -1.33E-13 | 2166 | -8.20E-14 | 2268 | -5.67E-14 | 2370 | 9.88E-15 | 2472 | 2.39E-14 | 2574 | 8.09E-14 | 2676 | 2.06E-13 | 2778 | 2.38E-13 | 2880 | 3.06E-13 | 2982 | 7.50E-13 | 3084 | 1.07E-12 | 3186 | 1.42E-12 |
| 2066 | 1.15E-13 | 2168 | -2.33E-13 | 2270 | -7.60E-14 | 2372 | -3.64E-15 | 2474 | 1.46E-14 | 2576 | 5.24E-14 | 2678 | 2.11E-13 | 2780 | 2.18E-13 | 2882 | 2.96E-13 | 2984 | 6.17E-13 | 3086 | 1.04E-12 | 3188 | 1.40E-12 |
| 2068 | -3.61E-13 | 2170 | -8.11E-14 | 2272 | -7.69E-14 | 2374 | 2.30E-14 | 2476 | 3.50E-14 | 2578 | 3.75E-14 | 2680 | 2.17E-13 | 2782 | 1.91E-13 | 2884 | 3.02E-13 | 2986 | 5.59E-13 | 3088 | 1.06E-12 | 3190 | 1.34E-12 |
| 2070 | -2.06E-13 | 2172 | 4.01E-14 | 2274 | 1.37E-13 | 2376 | 4.79E-14 | 2478 | 7.90E-14 | 2580 | 7.16E-14 | 2682 | 2.12E-13 | 2784 | 1.69E-13 | 2886 | 3.54E-13 | 2988 | 6.07E-13 | 3090 | 1.03E-12 | 3192 | 1.27E-12 |
| 2072 | 3.39E-14 | 2174 | 4.01E-14 | 2276 | 2.06E-13 | 2378 | -1.18E-14 | 2480 | 2.02E-14 | 2582 | 4.54E-14 | 2684 | 2.01E-13 | 2786 | 1.67E-13 | 2888 | 4.20E-13 | 2990 | 7.02E-13 | 3092 | 8.59E-13 | 3194 | 1.32E-12 |
| 2074 | 2.40E-13 | 2176 | 1.20E-14 | 2278 | 9.33E-14 | 2380 | 1.64E-14 | 2482 | -1.03E-14 | 2584 | 8.07E-14 | 2686 | 2.08E-13 | 2788 | 1.85E-13 | 2890 | 4.57E-13 | 2992 | 7.42E-13 | 3094 | 7.63E-13 | 3196 | 1.48E-12 |
| 2076 | 5.46E-13 | 2178 | -6.86E-14 | 2280 | 6.66E-14 | 2382 | -5.80E-15 | 2484 | 9.33E-15 | 2586 | 9.82E-14 | 2688 | 2.27E-13 | 2790 | 1.80E-13 | 2892 | 5.04E-13 | 2994 | 7.08E-13 | 3096 | 7.63E-13 | 3198 | 1.57E-12 |


HD 211038 G8 V V=6.54 (B-V)=0.90 E(B-V)=0.16
LAP: LWP 9606
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
1800
2000
2200
2400
2600
2800
3000
3200

**HD 67767 G8 IV V=5.73 (B-V)=0.81 E(B-V)=-0.01**

**LAP: LWP 9608, LWP 9650**

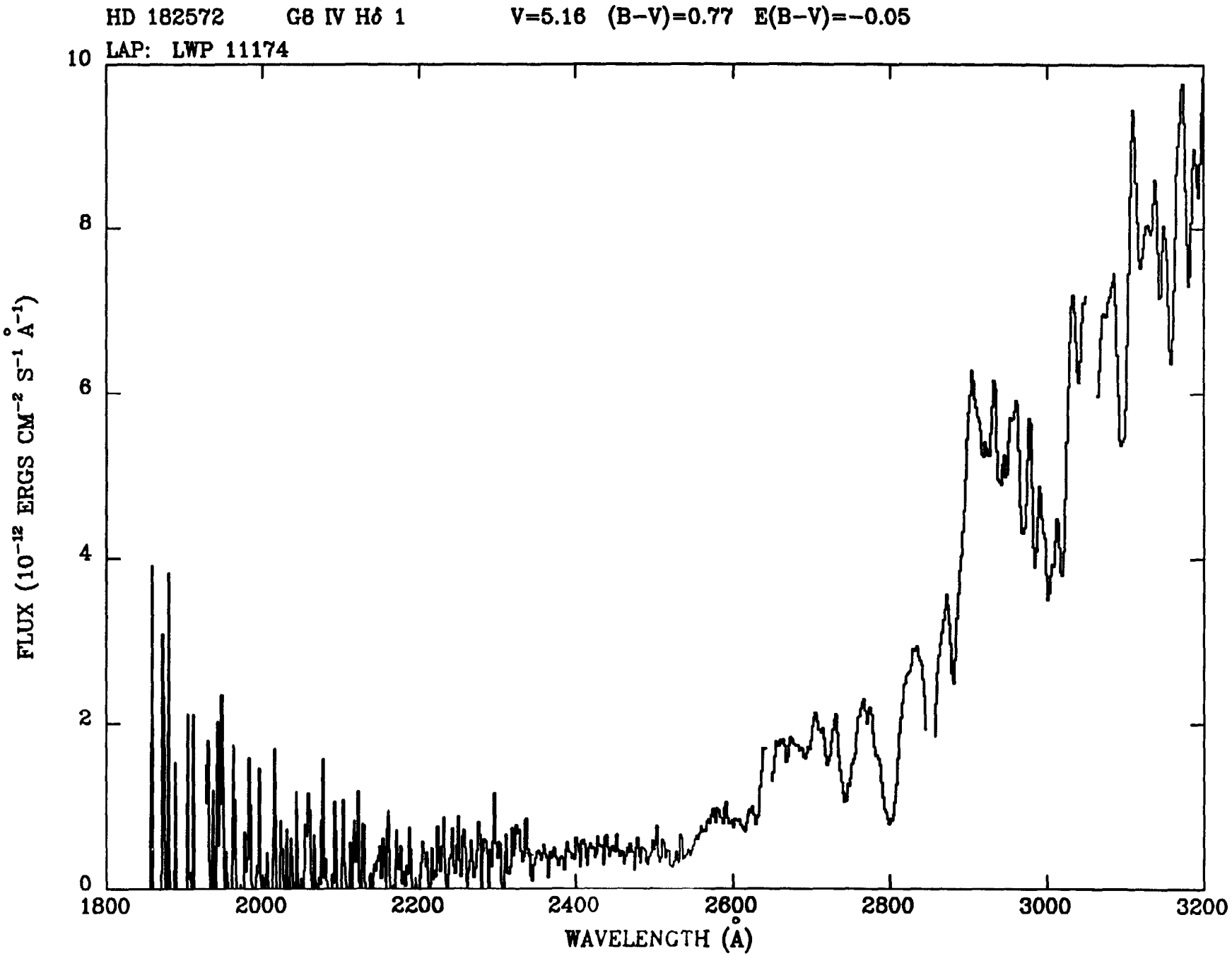
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.92E-13 | 2078 | 4.42E-13 | 2180 | -5.83E-14 | 2282 | 1.68E-13 | 2384 | 2.82E-13 | 2486 | 2.20E-13 | 2588 | 4.23E-13 | 2690 | 8.70E-13 | 2792 | 6.97E-13 | 2894 | 2.12E-12 | 2996 | 2.39E-12 | 3098 | 2.85E-12 |
| 1978 | 2.45E-14 | 2080 | 1.17E-13 | 2182 | -5.31E-14 | 2284 | 2.29E-13 | 2386 | 1.42E-13 | 2488 | 2.57E-13 | 2590 | 4.29E-13 | 2692 | 8.41E-13 | 2794 | 7.40E-13 | 2896 | 2.24E-12 | 2998 | 2.27E-12 | 3100 | 2.86E-12 |
| 1980 | -4.67E-13 | 2082 | 1.31E-13 | 2184 | 1.27E-13 | 2286 | 2.35E-13 | 2388 | 1.98E-13 | 2490 | 2.73E-13 | 2592 | 4.27E-13 | 2694 | 8.48E-13 | 2796 | 8.32E-13 | 2898 | 2.51E-12 | 3000 | 2.08E-12 | 3102 | 3.07E-12 |
| 1982 | 5.10E-13 | 2084 | 1.63E-13 | 2186 | 1.81E-13 | 2288 | 7.98E-14 | 2390 | 2.20E-13 | 2492 | 1.38E-13 | 2594 | 4.07E-13 | 2696 | 9.11E-13 | 2798 | 9.18E-13 | 2900 | 2.75E-12 | 3002 | 1.94E-12 | 3104 | 3.38E-12 |
| 1984 | 8.08E-13 | 2086 | 3.21E-13 | 2188 | 3.19E-13 | 2290 | 4.80E-14 | 2392 | 2.14E-13 | 2494 | 1.70E-13 | 2596 | 4.27E-13 | 2698 | 8.89E-13 | 2800 | 9.62E-13 | 2902 | 2.91E-12 | 3004 | 1.87E-12 | 3106 | 3.85E-12 |
| 1986 | -4.81E-13 | 2088 | 1.54E-13 | 2190 | 1.42E-13 | 2292 | 1.92E-13 | 2394 | 2.02E-13 | 2496 | 2.61E-13 | 2598 | 4.43E-13 | 2700 | 9.29E-13 | 2802 | 9.14E-13 | 2904 | 2.96E-12 | 3006 | 1.91E-12 | 3108 | 4.23E-12 |
| 1988 | -2.89E-13 | 2090 | 4.40E-14 | 2192 | -1.27E-13 | 2294 | 3.79E-13 | 2396 | 1.79E-13 | 2498 | 2.67E-13 | 2600 | 3.91E-13 | 2702 | 9.74E-13 | 2804 | 8.53E-13 | 2906 | 2.92E-12 | 3008 | 2.05E-12 | 3110 | 4.41E-12 |
| 1990 | 4.36E-14 | 2092 | 4.57E-13 | 2194 | 3.28E-14 | 2296 | 4.17E-13 | 2398 | 2.02E-13 | 2500 | 2.04E-13 | 2602 | 3.57E-13 | 2704 | 1.02E-12 | 2806 | 8.52E-13 | 2908 | 2.91E-12 | 3010 | 2.23E-12 | 3112 | 4.37E-12 |
| 1992 | -3.37E-13 | 2094 | 2.15E-13 | 2196 | -1.20E-13 | 2298 | 2.41E-13 | 2400 | 1.71E-13 | 2502 | 3.14E-13 | 2604 | 3.94E-13 | 2706 | 1.04E-12 | 2808 | 8.00E-13 | 2910 | 2.88E-12 | 3012 | 2.34E-12 | 3114 | 4.28E-12 |
| 1994 | -2.96E-13 | 2096 | -3.76E-13 | 2198 | -6.90E-14 | 2300 | 2.01E-13 | 2402 | 2.19E-13 | 2504 | 3.14E-13 | 2606 | 4.22E-13 | 2708 | 1.01E-12 | 2810 | 7.23E-13 | 2912 | 2.82E-12 | 3014 | 2.34E-12 | 3116 | 4.14E-12 |
| 1996 | 2.27E-13 | 2098 | 1.40E-13 | 2200 | 1.87E-13 | 2302 | 2.72E-13 | 2404 | 2.59E-13 | 2506 | 1.65E-13 | 2608 | 4.27E-13 | 2710 | 9.91E-13 | 2812 | 7.32E-13 | 2914 | 2.82E-12 | 3016 | 2.30E-12 | 3118 | 3.98E-12 |
| 1998 | -6.51E-14 | 2100 | 2.20E-13 | 2202 | 1.46E-13 | 2304 | 1.70E-13 | 2406 | 8.52E-14 | 2508 | 1.18E-13 | 2610 | 4.18E-13 | 2712 | 9.90E-13 | 2814 | 8.13E-13 | 2916 | 2.86E-12 | 3018 | 2.18E-12 | 3120 | 3.93E-12 |
| 2000 | 1.53E-13 | 2102 | 2.48E-13 | 2204 | 2.39E-13 | 2306 | -1.39E-13 | 2408 | 1.57E-13 | 2510 | 2.10E-13 | 2612 | 4.20E-13 | 2714 | 1.02E-12 | 2816 | 9.35E-13 | 2918 | 2.86E-12 | 3020 | 2.04E-12 | 3122 | 3.82E-12 |
| 2002 | -1.74E-13 | 2104 | 3.93E-13 | 2206 | 3.00E-13 | 2308 | 6.51E-14 | 2410 | 2.74E-13 | 2512 | 2.80E-13 | 2614 | 3.78E-13 | 2716 | 9.55E-13 | 2818 | 1.05E-12 | 2920 | 2.86E-12 | 3022 | 2.04E-12 | 3124 | 3.84E-12 |
| 2004 | -4.19E-13 | 2106 | 8.49E-14 | 2208 | 1.25E-13 | 2310 | 4.17E-13 | 2412 | 2.95E-13 | 2514 | 2.29E-13 | 2616 | 3.30E-13 | 2718 | 8.49E-13 | 2820 | 1.16E-12 | 2922 | 2.75E-12 | 3024 | 2.26E-12 | 3126 | 3.91E-12 |
| 2006 | -2.39E-13 | 2108 | -1.97E-13 | 2210 | 1.47E-14 | 2312 | 2.01E-13 | 2414 | 7.94E-14 | 2516 | 1.85E-13 | 2618 | 3.61E-13 | 2720 | 8.01E-13 | 2822 | 1.22E-12 | 2924 | 2.64E-12 | 3026 | 2.61E-12 | 3128 | 4.02E-12 |
| 2008 | -7.46E-13 | 2110 | 3.11E-14 | 2212 | -2.51E-13 | 2314 | 1.82E-13 | 2416 | 4.21E-14 | 2518 | 1.90E-13 | 2620 | 3.92E-13 | 2722 | 7.91E-13 | 2824 | 1.28E-12 | 2926 | 2.57E-12 | 3028 | 2.84E-12 | 3130 | 4.09E-12 |
| 2010 | -5.70E-13 | 2112 | 3.24E-13 | 2214 | 6.22E-15 | 2316 | 1.94E-13 | 2418 | 2.43E-13 | 2520 | 1.42E-13 | 2622 | 4.32E-13 | 2724 | 7.83E-13 | 2826 | 1.34E-12 | 2928 | 2.63E-12 | 3030 | 3.14E-12 | 3132 | 4.05E-12 |
| 2012 | -4.06E-14 | 2114 | 5.02E-14 | 2216 | 3.40E-13 | 2318 | 1.76E-13 | 2420 | 2.74E-13 | 2522 | 1.08E-13 | 2624 | 4.67E-13 | 2726 | 8.02E-13 | 2828 | 1.35E-12 | 2930 | 2.74E-12 | 3032 | 3.42E-12 | 3134 | 4.06E-12 |
| 2014 | 4.50E-13 | 2116 | 3.83E-13 | 2218 | 2.14E-13 | 2320 | 5.25E-14 | 2422 | 1.96E-13 | 2524 | 7.66E-14 | 2626 | 4.66E-13 | 2728 | 8.26E-13 | 2830 | 1.35E-12 | 2932 | 2.85E-12 | 3034 | 3.50E-12 | 3136 | 4.19E-12 |
| 2016 | 2.37E-13 | 2118 | 2.01E-13 | 2220 | 1.28E-13 | 2322 | -1.26E-13 | 2424 | 1.61E-13 | 2526 | 1.61E-13 | 2628 | 4.37E-13 | 2730 | 8.68E-13 | 2832 | 1.35E-12 | 2934 | 2.90E-12 | 3036 | 3.40E-12 | 3138 | 4.33E-12 |
| 2018 | -5.12E-13 | 2120 | 8.72E-14 | 2222 | 2.23E-13 | 2324 | 2.70E-13 | 2426 | 1.49E-13 | 2528 | 2.30E-13 | 2630 | 5.02E-13 | 2732 | 9.12E-13 | 2834 | 1.43E-12 | 2936 | 2.76E-12 | 3038 | 3.24E-12 | 3140 | 4.32E-12 |
| 2020 | -5.69E-13 | 2122 | 6.76E-13 | 2224 | 1.71E-13 | 2326 | 3.89E-13 | 2428 | 2.74E-13 | 2530 | 1.33E-13 | 2632 | 4.99E-13 | 2734 | 9.26E-13 | 2836 | 1.43E-12 | 2938 | 2.57E-12 | 3040 | 3.09E-12 | 3142 | 4.17E-12 |
| 2022 | -4.45E-13 | 2124 | -6.62E-14 | 2226 | 1.58E-13 | 2328 | 3.08E-13 | 2430 | 2.85E-13 | 2532 | 1.91E-13 | 2634 | 5.53E-13 | 2736 | 9.04E-13 | 2838 | 1.38E-12 | 2940 | 2.42E-12 | 3042 | 3.09E-12 | 3144 | 4.01E-12 |
| 2024 | -1.99E-13 | 2126 | -1.77E-13 | 2228 | 1.97E-13 | 2330 | 2.93E-13 | 2432 | 2.22E-13 | 2534 | 2.77E-13 | 2636 | 6.45E-13 | 2738 | 8.11E-13 | 2840 | 1.42E-12 | 2942 | 2.37E-12 | 3044 | 3.25E-12 | 3146 | 3.97E-12 |
| 2026 | -1.81E-13 | 2128 | 4.79E-13 | 2230 | 5.10E-13 | 2332 | 1.54E-13 | 2434 | 2.23E-13 | 2536 | 1.74E-13 | 2638 | 7.70E-13 | 2740 | 6.97E-13 | 2842 | 1.32E-12 | 2944 | 2.40E-12 | 3046 | 3.41E-12 | 3148 | 4.10E-12 |
| 2028 | -2.82E-13 | 2130 | 2.47E-13 | 2232 | 5.43E-13 | 2334 | 2.32E-13 | 2436 | 1.08E-13 | 2538 | 1.41E-13 | 2640 | 8.49E-13 | 2742 | 6.29E-13 | 2844 | 1.15E-12 | 2946 | 2.46E-12 | 3048 | 3.54E-12 | 3150 | 4.19E-12 |
| 2030 | 1.07E-13 | 2132 | -2.50E-13 | 2234 | 8.83E-14 | 2336 | 4.82E-13 | 2438 | 3.00E-13 | 2540 | 2.03E-13 | 2642 | 8.93E-13 | 2744 | 6.08E-13 | 2846 | 1.02E-12 | 2948 | 2.45E-12 | 3050 | 3.59E-12 | 3152 | 4.14E-12 |
| 2032 | 2.62E-13 | 2134 | -1.88E-13 | 2236 | 2.24E-13 | 2338 | 5.25E-13 | 2440 | 3.64E-13 | 2542 | 2.27E-13 | 2644 | | 2746 | 6.54E-13 | 2848 | | 2950 | 2.50E-12 | 3052 | | 3154 | 3.84E-12 |
| 2034 | -1.58E-13 | 2136 | -3.80E-14 | 2238 | 2.24E-13 | 2340 | 2.70E-13 | 2442 | 2.84E-13 | 2544 | 2.66E-13 | 2646 | | 2748 | 6.55E-13 | 2850 | | 2952 | 2.55E-12 | 3054 | | 3156 | 3.46E-12 |
| 2036 | 3.68E-13 | 2138 | -2.85E-14 | 2240 | 2.06E-13 | 2342 | 6.63E-14 | 2444 | 1.66E-13 | 2546 | 2.19E-13 | 2648 | 8.78E-13 | 2750 | 6.82E-13 | 2852 | | 2954 | 2.62E-12 | 3056 | | 3158 | 3.32E-12 |
| 2038 | 1.84E-13 | 2140 | -2.36E-13 | 2242 | 2.18E-13 | 2344 | 1.27E-13 | 2446 | 1.98E-13 | 2548 | 2.20E-13 | 2650 | 8.68E-13 | 2752 | 7.14E-13 | 2854 | | 2956 | 2.67E-12 | 3058 | | 3160 | 3.29E-12 |
| 2040 | -4.27E-13 | 2142 | 9.36E-14 | 2244 | 1.74E-13 | 2346 | 9.60E-14 | 2448 | 1.78E-13 | 2550 | 2.78E-13 | 2652 | 8.53E-13 | 2754 | 7.11E-13 | 2856 | 7.21E-13 | 2958 | 2.73E-12 | 3060 | | 3162 | 3.43E-12 |
| 2042 | 1.28E-14 | 2144 | 1.35E-13 | 2246 | 2.27E-13 | 2348 | 8.53E-15 | 2450 | 1.71E-13 | 2552 | 2.90E-13 | 2654 | 8.51E-13 | 2756 | 7.27E-13 | 2858 | 8.07E-13 | 2960 | 2.77E-12 | 3062 | 2.85E-12 | 3164 | 3.70E-12 |
| 2044 | 2.59E-13 | 2146 | 7.00E-14 | 2248 | 4.86E-13 | 2350 | 3.34E-13 | 2452 | 2.56E-13 | 2554 | 2.87E-13 | 2656 | 8.43E-13 | 2758 | 8.19E-13 | 2860 | 1.03E-12 | 2962 | 2.80E-12 | 3064 | 2.89E-12 | 3166 | 4.09E-12 |
| 2046 | -2.18E-13 | 2148 | 1.09E-13 | 2250 | 4.90E-13 | 2352 | 3.55E-13 | 2454 | 2.63E-13 | 2556 | 3.03E-13 | 2658 | 9.10E-13 | 2760 | 8.76E-13 | 2862 | 1.20E-12 | 2964 | 2.60E-12 | 3066 | 2.94E-12 | 3168 | 4.35E-12 |
| 2048 | 1.72E-13 | 2150 | 2.22E-13 | 2252 | 2.47E-13 | 2354 | 3.86E-14 | 2456 | 1.98E-13 | 2558 | 3.54E-13 | 2660 | 9.98E-13 | 2762 | 9.58E-13 | 2864 | 1.29E-12 | 2966 | 2.33E-12 | 3068 | 3.13E-12 | 3170 | 4.67E-12 |
| 2050 | 1.56E-13 | 2152 | 2.33E-13 | 2254 | 3.00E-13 | 2356 | 1.16E-13 | 2458 | 1.99E-13 | 2560 | 3.62E-13 | 2662 | 9.47E-13 | 2764 | 1.07E-12 | 2866 | 1.37E-12 | 2968 | 2.12E-12 | 3070 | 3.26E-12 | 3172 | 4.96E-12 |
| 2052 | 5.47E-15 | 2154 | 2.67E-13 | 2256 | 4.38E-13 | 2358 | 1.37E-13 | 2460 | 2.04E-13 | 2562 | 3.46E-13 | 2664 | 9.16E-13 | 2766 | 1.07E-12 | 2868 | 1.48E-12 | 2970 | 2.08E-12 | 3072 | 3.35E-12 | 3174 | 4.95E-12 |
| 2054 | -1.57E-13 | 2156 | 8.05E-14 | 2258 | 4.39E-13 | 2360 | 1.57E-13 | 2462 | 1.67E-13 | 2564 | 3.68E-13 | 2666 | 9.36E-13 | 2768 | 1.05E-12 | 2870 | 1.57E-12 | 2972 | 2.19E-12 | 3074 | 3.45E-12 | 3176 | 4.74E-12 |
| 2056 | 1.76E-13 | 2158 | 1.49E-15 | 2260 | 1.41E-13 | 2362 | 1.45E-13 | 2464 | 1.93E-13 | 2566 | 3.61E-13 | 2668 | 9.47E-13 | 2770 | 1.05E-12 | 2872 | 1.65E-12 | 2974 | 2.39E-12 | 3076 | 3.54E-12 | 3178 | 4.39E-12 |
| 2058 | 7.42E-13 | 2160 | 3.76E-13 | 2262 | 7.54E-14 | 2364 | 1.02E-13 | 2466 | 1.71E-13 | 2568 | 4.02E-13 | 2670 | 9.21E-13 | 2772 | 1.09E-12 | 2874 | 1.69E-12 | 2976 | 2.61E-12 | 3078 | 3.55E-12 | 3180 | 4.01E-12 |
| 2060 | 5.06E-13 | 2162 | 3.02E-14 | 2264 | 1.38E-13 | 2366 | 2.86E-13 | 2468 | 1.94E-13 | 2570 | 3.96E-13 | 2672 | 9.43E-13 | 2774 | 1.08E-12 | 2876 | 1.62E-12 | 2978 | 2.81E-12 | 3080 | 3.48E-12 | 3182 | 3.69E-12 |
| 2062 | 1.50E-13 | 2164 | -1.38E-13 | 2266 | 2.23E-13 | 2368 | 2.99E-13 | 2470 | 3.42E-13 | 2572 | 4.23E-13 | 2674 | 9.48E-13 | 2776 | 1.03E-12 | 2878 | 1.52E-12 | 2980 | 2.77E-12 | 3082 | 3.47E-12 | 3184 | 3.55E-12 |
| 2064 | -1.90E-13 | 2166 | 1.28E-14 | 2268 | 4.95E-14 | 2370 | 1.95E-13 | 2472 | 1.90E-13 | 2574 | 5.20E-13 | 2676 | 9.77E-13 | 2778 | 1.01E-12 | 2880 | 1.39E-12 | 2982 | 2.47E-12 | 3084 | 3.53E-12 | 3186 | 3.64E-12 |
| 2066 | 1.99E-13 | 2168 | -2.35E-13 | 2270 | -2.56E-15 | 2372 | 2.67E-13 | 2474 | 2.19E-13 | 2576 | 4.67E-13 | 2678 | 1.00E-12 | 2780 | 9.43E-13 | 2882 | 1.35E-12 | 2984 | 2.11E-12 | 3086 | 3.50E-12 | 3188 | 3.81E-12 |
| 2068 | -7.32E-14 | 2170 | 1.45E-13 | 2272 | 1.81E-13 | 2374 | 2.53E-13 | 2476 | 2.01E-13 | 2578 | 4.01E-13 | 2680 | 9.64E-13 | 2782 | 8.40E-13 | 2884 | 1.46E-12 | 2986 | 2.07E-12 | 3088 | 3.41E-12 | 3190 | 3.94E-12 |
| 2070 | -1.20E-14 | 2172 | 2.12E-13 | 2274 | 3.16E-13 | 2376 | 1.59E-13 | 2478 | 3.02E-13 | 2580 | 5.11E-13 | 2682 | 9.35E-13 | 2784 | 7.72E-13 | 2886 | 1.64E-12 | 2988 | 2.21E-12 | 3090 | 3.36E-12 | 3192 | 3.78E-12 |
| 2072 | 4.36E-14 | 2174 | -3.10E-14 | 2276 | 4.54E-13 | 2378 | 5.96E-14 | 2480 | 2.65E-13 | 2582 | 5.00E-13 | 2684 | 8.84E-13 | 2786 | 6.92E-13 | 2888 | 1.85E-12 | 2990 | 2.32E-12 | 3092 | 3.06E-12 | 3194 | 3.78E-12 |
| 2074 | 6.52E-14 | 2176 | 1.57E-13 | 2278 | 2.96E-13 | 2380 | 2.35E-14 | 2482 | 1.50E-13 | 2584 | 5.19E-13 | 2686 | 8.72E-13 | 2788 | 6.94E-13 | 2890 | 1.93E-12 | 2992 | 2.40E-12 | 3094 | 2.91E-12 | 3196 | 4.05E-12 |
| 2076 | 4.48E-13 | 2178 | 3.72E-13 | 2280 | 8.21E-14 | 2382 | 1.90E-13 | 2484 | 1.86E-13 | 2586 | 4.99E-13 | 2688 | 8.94E-13 | 2790 | 7.03E-13 | 2892 | 2.06E-12 | 2994 | 2.44E-12 | 3096 | 2.90E-12 | 3198 | 4.31E-12 |


HD 67767 G8 IV V=5.73 (B-V)=0.81 E(B-V)=-0.01
LAP: LWP 9608, LWP 9650
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
6
1800
2000
2200
2400
2600
2800
3000
3200

**HD 182572 G8 IV Hδ 1 V=5.16 (B-V)=0.77 E(B-V)=-0.05**

**LAP: LWP 11174**

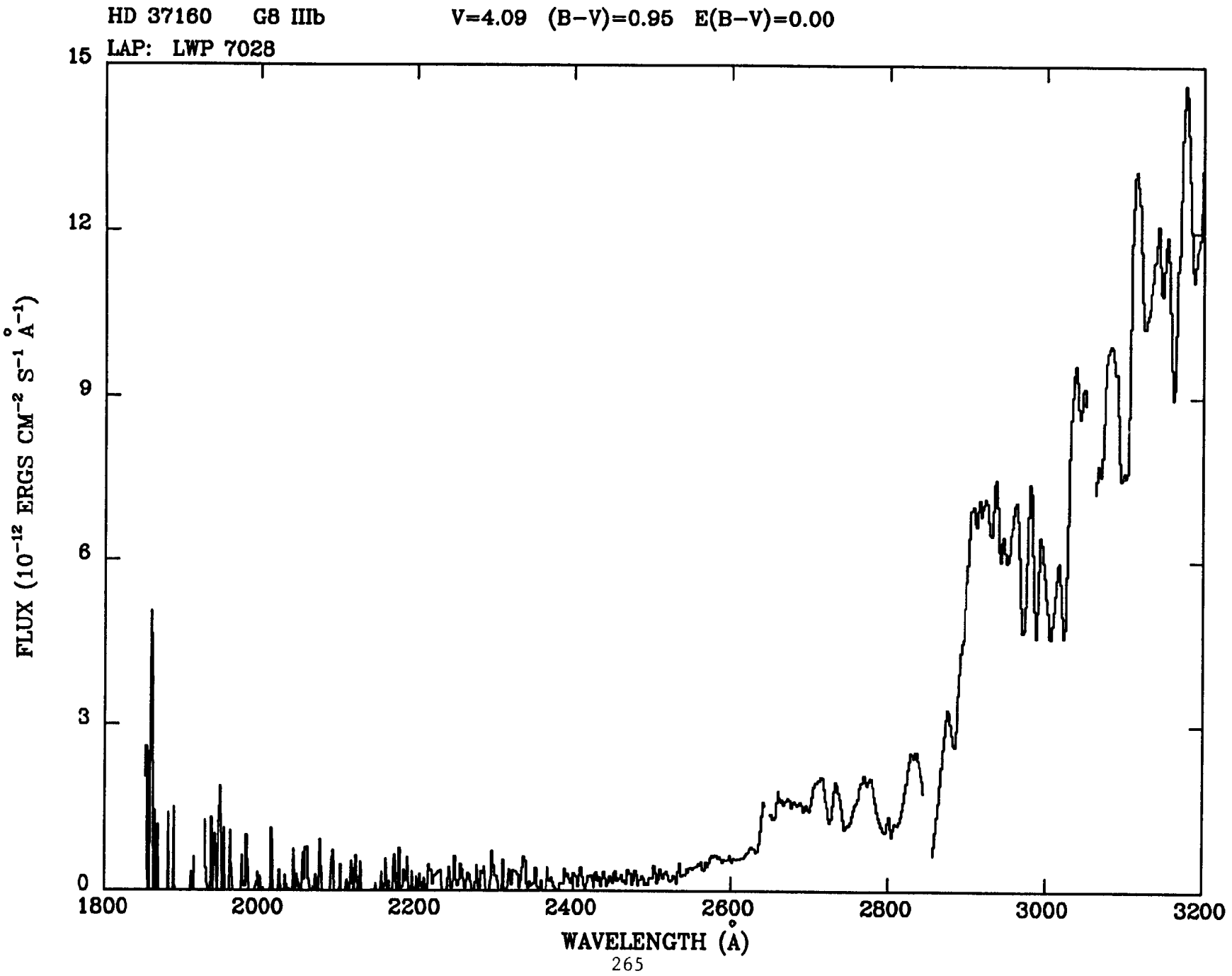
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.15E-13 | 2078 | 8.48E-13 | 2180 | 1.99E-13 | 2282 | 5.42E-13 | 2384 | 3.41E-13 | 2486 | 4.97E-13 | 2588 | 8.47E-13 | 2690 | 1.61E-12 | 2792 | 1.05E-12 | 2894 | 4.55E-12 | 2996 | 4.28E-12 | 3098 | 5.50E-12 |
| 1978 | 3.76E-13 | 2080 | 2.54E-13 | 2182 | 7.41E-14 | 2284 | 5.84E-13 | 2386 | 2.89E-13 | 2488 | 4.75E-13 | 2590 | 1.01E-12 | 2692 | 1.58E-12 | 2794 | 9.50E-13 | 2896 | 4.96E-12 | 2998 | 4.00E-12 | 3100 | 5.93E-12 |
| 1980 | 3.16E-13 | 2082 | 1.90E-13 | 2184 | 2.55E-13 | 2286 | 4.60E-13 | 2388 | 5.01E-13 | 2490 | 3.45E-13 | 2592 | 9.70E-13 | 2694 | 1.64E-12 | 2796 | 8.83E-13 | 2898 | 5.48E-12 | 3000 | 3.61E-12 | 3102 | 6.80E-12 |
| 1982 | 1.27E-12 | 2084 | -2.49E-13 | 2186 | 3.16E-13 | 2288 | 1.01E-13 | 2390 | 5.23E-13 | 2492 | 2.93E-13 | 2594 | 8.26E-13 | 2696 | 1.71E-12 | 2798 | 8.06E-13 | 2900 | 5.80E-12 | 3002 | 3.56E-12 | 3104 | 7.74E-12 |
| 1984 | 1.10E-12 | 2086 | -6.36E-13 | 2188 | 6.46E-13 | 2290 | 4.04E-13 | 2392 | 4.47E-13 | 2494 | 3.79E-13 | 2596 | 7.90E-13 | 2698 | 1.70E-12 | 2800 | 8.27E-13 | 2902 | 6.04E-12 | 3004 | 3.74E-12 | 3106 | 8.63E-12 |
| 1986 | 1.56E-13 | 2088 | -7.59E-15 | 2190 | 7.32E-14 | 2292 | 2.76E-13 | 2394 | 4.03E-13 | 2496 | 4.47E-13 | 2598 | 8.12E-13 | 2700 | 1.83E-12 | 2802 | 8.32E-13 | 2904 | 6.23E-12 | 3006 | 3.91E-12 | 3108 | 9.23E-12 |
| 1988 | -2.01E-13 | 2090 | 8.75E-14 | 2192 | -4.36E-13 | 2294 | 5.99E-13 | 2396 | 3.92E-13 | 2498 | 5.72E-13 | 2600 | 7.73E-13 | 2702 | 1.99E-12 | 2804 | 8.84E-13 | 2906 | 6.07E-12 | 3008 | 3.91E-12 | 3110 | 9.30E-12 |
| 1990 | -4.69E-14 | 2092 | 1.00E-12 | 2194 | -6.66E-14 | 2296 | 1.09E-12 | 2398 | 3.75E-13 | 2500 | 4.85E-13 | 2602 | 8.17E-13 | 2704 | 2.09E-12 | 2806 | 1.03E-12 | 2908 | 5.88E-12 | 3010 | 4.21E-12 | 3112 | 8.81E-12 |
| 1992 | 1.93E-13 | 2094 | 6.21E-13 | 2196 | -3.01E-14 | 2298 | 5.22E-13 | 2400 | 5.38E-13 | 2502 | 5.99E-13 | 2604 | 8.36E-13 | 2706 | 2.08E-12 | 2808 | 1.24E-12 | 2910 | 5.77E-12 | 3012 | 4.48E-12 | 3114 | 8.27E-12 |
| 1994 | 5.75E-13 | 2096 | -8.01E-13 | 2198 | -1.40E-13 | 2300 | 4.19E-13 | 2402 | 5.64E-13 | 2504 | 6.24E-13 | 2606 | 8.22E-13 | 2708 | 1.97E-12 | 2810 | 1.58E-12 | 2912 | 5.69E-12 | 3014 | 4.39E-12 | 3116 | 7.78E-12 |
| 1996 | 1.07E-12 | 2098 | -5.68E-13 | 2200 | 5.38E-14 | 2302 | 5.61E-13 | 2404 | 4.60E-13 | 2506 | 3.50E-13 | 2608 | 8.34E-13 | 2710 | 1.92E-12 | 2812 | 1.90E-12 | 2914 | 5.59E-12 | 3016 | 4.06E-12 | 3118 | 7.55E-12 |
| 1998 | 3.92E-14 | 2100 | -1.08E-13 | 2202 | 2.76E-13 | 2304 | 3.76E-13 | 2406 | 2.83E-13 | 2508 | 3.33E-13 | 2610 | 7.72E-13 | 2712 | 1.90E-12 | 2814 | 2.10E-12 | 2916 | 5.35E-12 | 3018 | 3.83E-12 | 3120 | 7.62E-12 |
| 2000 | -1.20E-14 | 2102 | 7.03E-13 | 2204 | 5.30E-13 | 2306 | -1.46E-13 | 2408 | 5.63E-13 | 2510 | 4.92E-13 | 2612 | 7.41E-13 | 2714 | 1.92E-12 | 2816 | 2.31E-12 | 2918 | 5.24E-12 | 3020 | 3.90E-12 | 3122 | 7.75E-12 |
| 2002 | -5.16E-14 | 2104 | 7.74E-13 | 2206 | 4.39E-13 | 2308 | 2.48E-14 | 2410 | 5.85E-13 | 2512 | 5.72E-13 | 2614 | 7.12E-13 | 2716 | 1.85E-12 | 2818 | 2.48E-12 | 2920 | 5.38E-12 | 3022 | 4.35E-12 | 3124 | 7.93E-12 |
| 2004 | 1.50E-13 | 2106 | 1.40E-13 | 2208 | 2.72E-13 | 2310 | 5.62E-13 | 2412 | 5.11E-13 | 2514 | 4.32E-13 | 2616 | 7.21E-13 | 2718 | 1.65E-12 | 2820 | 2.52E-12 | 2922 | 5.35E-12 | 3024 | 5.03E-12 | 3126 | 8.04E-12 |
| 2006 | 4.18E-13 | 2108 | -3.21E-13 | 2210 | 3.80E-13 | 2312 | 3.52E-13 | 2414 | 3.42E-13 | 2516 | 4.41E-13 | 2618 | 8.28E-13 | 2720 | 1.52E-12 | 2822 | 2.60E-12 | 2924 | 5.25E-12 | 3026 | 5.78E-12 | 3128 | 8.04E-12 |
| 2008 | -8.36E-13 | 2110 | -1.60E-13 | 2212 | -1.47E-13 | 2314 | 1.86E-13 | 2416 | 3.41E-13 | 2518 | 4.67E-13 | 2620 | 9.19E-13 | 2722 | 1.55E-12 | 2824 | 2.62E-12 | 2926 | 5.27E-12 | 3028 | 6.40E-12 | 3130 | 7.97E-12 |
| 2010 | -3.94E-13 | 2112 | 3.91E-13 | 2214 | 1.67E-13 | 2316 | 2.44E-13 | 2418 | 5.10E-13 | 2520 | 3.05E-13 | 2622 | 9.44E-13 | 2724 | 1.62E-12 | 2826 | 2.68E-12 | 2928 | 5.56E-12 | 3030 | 6.90E-12 | 3132 | 7.95E-12 |
| 2012 | 3.81E-14 | 2114 | 1.13E-13 | 2216 | 3.77E-13 | 2318 | 6.64E-13 | 2420 | 5.18E-13 | 2522 | 2.73E-13 | 2624 | 9.64E-13 | 2726 | 1.79E-12 | 2828 | 2.84E-12 | 2930 | 5.92E-12 | 3032 | 7.15E-12 | 3134 | 8.10E-12 |
| 2014 | 9.84E-13 | 2116 | 6.50E-13 | 2218 | 1.51E-13 | 2320 | 4.32E-13 | 2422 | 4.93E-13 | 2524 | 2.51E-13 | 2626 | 9.37E-13 | 2728 | 1.94E-12 | 2830 | 2.89E-12 | 2932 | 6.12E-12 | 3034 | 7.03E-12 | 3136 | 8.43E-12 |
| 2016 | 1.06E-12 | 2118 | 6.99E-13 | 2220 | 1.87E-13 | 2322 | 5.01E-13 | 2424 | 4.29E-13 | 2526 | 3.45E-13 | 2628 | 8.22E-13 | 2730 | 2.06E-12 | 2832 | 2.90E-12 | 2934 | 5.79E-12 | 3036 | 6.68E-12 | 3138 | 8.49E-12 |
| 2018 | -3.55E-13 | 2120 | 3.38E-13 | 2222 | 4.51E-13 | 2324 | 7.58E-13 | 2426 | 4.01E-13 | 2528 | 4.38E-13 | 2630 | 8.42E-13 | 2732 | 2.04E-12 | 2834 | 2.93E-12 | 2936 | 5.16E-12 | 3038 | 6.28E-12 | 3140 | 8.00E-12 |
| 2020 | -9.24E-13 | 2122 | 1.12E-12 | 2224 | 5.16E-13 | 2326 | 6.78E-13 | 2428 | 5.56E-13 | 2530 | 3.39E-13 | 2632 | 8.88E-13 | 2734 | 1.79E-12 | 2836 | 2.83E-12 | 2938 | 4.94E-12 | 3040 | 6.14E-12 | 3142 | 7.38E-12 |
| 2022 | -7.33E-14 | 2124 | 1.93E-14 | 2226 | 2.49E-13 | 2328 | 6.47E-13 | 2430 | 5.61E-13 | 2532 | 4.30E-13 | 2634 | 1.18E-12 | 2736 | 1.52E-12 | 2838 | 2.77E-12 | 2940 | 4.91E-12 | 3042 | 6.46E-12 | 3144 | 7.17E-12 |
| 2024 | 6.20E-13 | 2126 | -8.02E-14 | 2228 | 4.23E-13 | 2330 | 4.16E-13 | 2432 | 5.18E-13 | 2534 | 6.43E-13 | 2636 | 1.41E-12 | 2738 | 1.36E-12 | 2840 | 2.70E-12 | 2942 | 5.04E-12 | 3044 | 6.92E-12 | 3146 | 7.60E-12 |
| 2026 | 2.46E-13 | 2128 | 7.79E-13 | 2230 | 7.81E-13 | 2332 | 3.46E-13 | 2434 | 5.23E-13 | 2536 | 4.94E-13 | 2638 | 1.68E-12 | 2740 | 1.22E-12 | 2842 | 2.51E-12 | 2944 | 5.21E-12 | 3046 | 7.10E-12 | 3148 | 7.97E-12 |
| 2028 | -3.65E-13 | 2130 | 5.59E-13 | 2232 | 4.44E-13 | 2334 | 5.79E-13 | 2436 | 3.01E-13 | 2538 | 3.56E-13 | 2640 | 1.69E-12 | 2742 | 1.09E-12 | 2844 | 2.24E-12 | 2946 | 5.05E-12 | 3048 | 7.13E-12 | 3150 | 7.91E-12 |
| 2030 | 4.69E-13 | 2132 | -5.23E-14 | 2234 | -1.67E-13 | 2336 | 8.35E-13 | 2438 | 6.22E-13 | 2540 | 3.89E-13 | 2642 | 1.70E-12 | 2744 | 1.06E-12 | 2846 | 1.93E-12 | 2948 | 5.01E-12 | 3050 | 7.18E-12 | 3152 | 7.66E-12 |
| 2032 | 1.74E-13 | 2134 | -4.59E-13 | 2236 | 1.60E-13 | 2338 | 6.44E-13 | 2440 | 6.22E-13 | 2542 | 4.51E-13 | 2644 | | 2746 | 1.22E-12 | 2848 | | 2950 | 5.35E-12 | 3052 | | 3154 | 7.07E-12 |
| 2034 | -3.36E-13 | 2136 | -2.59E-13 | 2238 | 3.69E-13 | 2340 | 4.23E-13 | 2442 | 4.79E-13 | 2544 | 4.54E-13 | 2646 | | 2748 | 1.25E-12 | 2850 | | 2952 | 5.69E-12 | 3054 | | 3156 | 6.51E-12 |
| 2036 | 5.93E-13 | 2138 | 1.72E-13 | 2240 | 4.60E-13 | 2342 | 2.38E-13 | 2444 | 4.08E-13 | 2546 | 4.00E-13 | 2648 | 1.31E-12 | 2750 | 1.33E-12 | 2852 | | 2954 | 5.68E-12 | 3056 | | 3158 | 6.41E-12 |
| 2038 | 2.21E-13 | 2140 | 6.29E-14 | 2242 | 6.20E-13 | 2344 | 1.14E-13 | 2446 | 4.85E-13 | 2548 | 4.53E-13 | 2650 | 1.35E-12 | 2752 | 1.51E-12 | 2854 | | 2956 | 5.71E-12 | 3058 | | 3160 | 6.81E-12 |
| 2040 | -5.47E-13 | 2142 | 2.05E-13 | 2244 | 2.50E-13 | 2346 | 2.47E-13 | 2448 | 4.96E-13 | 2550 | 5.15E-13 | 2652 | 1.51E-12 | 2754 | 1.58E-12 | 2856 | 1.85E-12 | 2958 | 5.81E-12 | 3060 | | 3162 | 7.45E-12 |
| 2042 | 3.45E-13 | 2144 | 2.35E-13 | 2246 | 3.08E-13 | 2348 | 3.54E-13 | 2450 | 4.54E-13 | 2552 | 5.99E-13 | 2654 | 1.70E-12 | 2756 | 1.67E-12 | 2858 | 2.10E-12 | 2960 | 5.90E-12 | 3062 | 5.97E-12 | 3164 | 8.17E-12 |
| 2044 | 7.40E-13 | 2146 | 3.15E-13 | 2248 | 6.85E-13 | 2350 | 4.48E-13 | 2452 | 5.59E-13 | 2554 | 6.38E-13 | 2656 | 1.75E-12 | 2758 | 1.93E-12 | 2860 | 2.53E-12 | 2962 | 5.67E-12 | 3064 | 5.96E-12 | 3166 | 8.83E-12 |
| 2046 | -2.91E-13 | 2148 | 3.95E-13 | 2250 | 6.08E-13 | 2352 | 4.58E-13 | 2454 | 5.40E-13 | 2556 | 6.09E-13 | 2658 | 1.73E-12 | 2760 | 2.07E-12 | 2862 | 2.78E-12 | 2964 | 5.03E-12 | 3066 | 6.24E-12 | 3168 | 9.16E-12 |
| 2048 | -1.42E-13 | 2150 | 4.92E-13 | 2252 | 2.35E-13 | 2354 | 4.01E-13 | 2456 | 4.13E-13 | 2558 | 6.89E-13 | 2660 | 1.78E-12 | 2762 | 2.12E-12 | 2864 | 2.94E-12 | 2966 | 4.49E-12 | 3068 | 6.66E-12 | 3170 | 9.52E-12 |
| 2050 | -7.46E-14 | 2152 | 1.82E-13 | 2254 | 4.44E-13 | 2356 | 3.60E-13 | 2458 | 4.39E-13 | 2560 | 7.35E-13 | 2662 | 1.77E-12 | 2764 | 2.21E-12 | 2866 | 3.10E-12 | 2968 | 4.31E-12 | 3070 | 6.94E-12 | 3172 | 9.74E-12 |
| 2052 | -2.20E-15 | 2154 | 5.97E-13 | 2256 | 6.86E-13 | 2358 | 4.57E-13 | 2460 | 4.51E-13 | 2562 | 6.97E-13 | 2664 | 1.80E-12 | 2766 | 2.27E-12 | 2868 | 3.27E-12 | 2970 | 4.35E-12 | 3072 | 6.97E-12 | 3174 | 9.43E-12 |
| 2054 | 5.79E-13 | 2156 | 3.74E-13 | 2258 | 5.58E-13 | 2360 | 4.95E-13 | 2462 | 3.16E-13 | 2564 | 7.02E-13 | 2666 | 1.73E-12 | 2768 | 2.22E-12 | 2870 | 3.41E-12 | 2972 | 4.55E-12 | 3074 | 6.94E-12 | 3176 | 8.68E-12 |
| 2056 | 6.81E-13 | 2158 | 2.32E-13 | 2260 | 9.78E-14 | 2362 | 4.00E-13 | 2464 | 3.82E-13 | 2566 | 7.56E-13 | 2668 | 1.54E-12 | 2770 | 2.06E-12 | 2872 | 3.54E-12 | 2974 | 5.06E-12 | 3076 | 7.00E-12 | 3178 | 7.92E-12 |
| 2058 | 1.02E-12 | 2160 | 9.05E-13 | 2262 | 1.87E-13 | 2364 | 2.66E-13 | 2466 | 4.92E-13 | 2568 | 8.29E-13 | 2670 | 1.62E-12 | 2772 | 2.08E-12 | 2874 | 3.38E-12 | 2976 | 5.60E-12 | 3078 | 7.14E-12 | 3180 | 7.37E-12 |
| 2060 | 9.88E-13 | 2162 | 4.47E-13 | 2264 | 3.35E-13 | 2366 | 3.10E-13 | 2468 | 4.46E-13 | 2570 | 8.10E-13 | 2672 | 1.76E-12 | 2774 | 2.18E-12 | 2876 | 3.12E-12 | 2978 | 5.65E-12 | 3080 | 7.23E-12 | 3182 | 7.46E-12 |
| 2062 | 2.66E-13 | 2164 | -1.03E-13 | 2266 | 5.70E-13 | 2368 | 4.00E-13 | 2470 | 5.29E-13 | 2572 | 8.64E-13 | 2674 | 1.82E-12 | 2776 | 2.12E-12 | 2878 | 2.83E-12 | 2980 | 4.94E-12 | 3082 | 7.33E-12 | 3184 | 8.15E-12 |
| 2064 | -1.65E-13 | 2166 | 2.54E-15 | 2268 | 2.99E-13 | 2370 | 4.28E-13 | 2472 | 4.49E-13 | 2574 | 9.47E-13 | 2676 | 1.79E-12 | 2778 | 1.92E-12 | 2880 | 2.56E-12 | 2982 | 4.16E-12 | 3084 | 7.41E-12 | 3186 | 8.78E-12 |
| 2066 | 5.76E-13 | 2168 | -1.21E-13 | 2270 | 1.63E-13 | 2372 | 4.85E-13 | 2474 | 3.73E-13 | 2576 | 8.78E-13 | 2678 | 1.75E-12 | 2780 | 1.73E-12 | 2882 | 2.65E-12 | 2984 | 3.92E-12 | 3086 | 7.21E-12 | 3188 | 8.93E-12 |
| 2068 | -1.18E-13 | 2170 | 4.32E-13 | 2272 | 3.03E-13 | 2374 | 4.03E-13 | 2476 | 3.16E-13 | 2578 | 8.08E-13 | 2680 | 1.74E-12 | 2782 | 1.61E-12 | 2884 | 3.08E-12 | 2986 | 4.15E-12 | 3088 | 6.65E-12 | 3190 | 8.71E-12 |
| 2070 | -2.71E-13 | 2172 | 4.87E-13 | 2274 | 5.89E-13 | 2376 | 3.59E-13 | 2478 | 5.54E-13 | 2580 | 9.61E-13 | 2682 | 1.73E-12 | 2784 | 1.60E-12 | 2886 | 3.48E-12 | 2988 | 4.59E-12 | 3090 | 6.10E-12 | 3192 | 8.47E-12 |
| 2072 | 1.16E-13 | 2174 | 2.67E-13 | 2276 | 7.47E-13 | 2378 | 2.79E-13 | 2480 | 5.01E-13 | 2582 | 9.39E-13 | 2684 | 1.70E-12 | 2786 | 1.55E-12 | 2888 | 3.79E-12 | 2990 | 4.84E-12 | 3092 | 5.52E-12 | 3194 | 8.55E-12 |
| 2074 | 3.28E-13 | 2176 | 4.72E-13 | 2278 | 3.62E-13 | 2380 | 3.66E-13 | 2482 | 3.41E-13 | 2584 | 8.59E-13 | 2686 | 1.70E-12 | 2788 | 1.44E-12 | 2890 | 4.00E-12 | 2992 | 4.67E-12 | 3094 | 5.38E-12 | 3196 | 9.08E-12 |
| 2076 | 1.16E-12 | 2178 | 9.13E-14 | 2280 | 2.53E-13 | 2382 | 3.79E-13 | 2484 | 4.35E-13 | 2586 | 8.37E-13 | 2688 | 1.69E-12 | 2790 | 1.22E-12 | 2892 | 4.29E-12 | 2994 | 4.40E-12 | 3096 | 5.43E-12 | 3198 | 9.62E-12 |


HD 182572 G8 IV Hδ 1 V=5.16 (B-V)=0.77 E(B-V)=-0.05
LAP: LWP 11174
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

HD 37160 G8 IIIb V=4.09 (B-V)=0.95 E(B-V)=0.00

LAP: LWP 7028

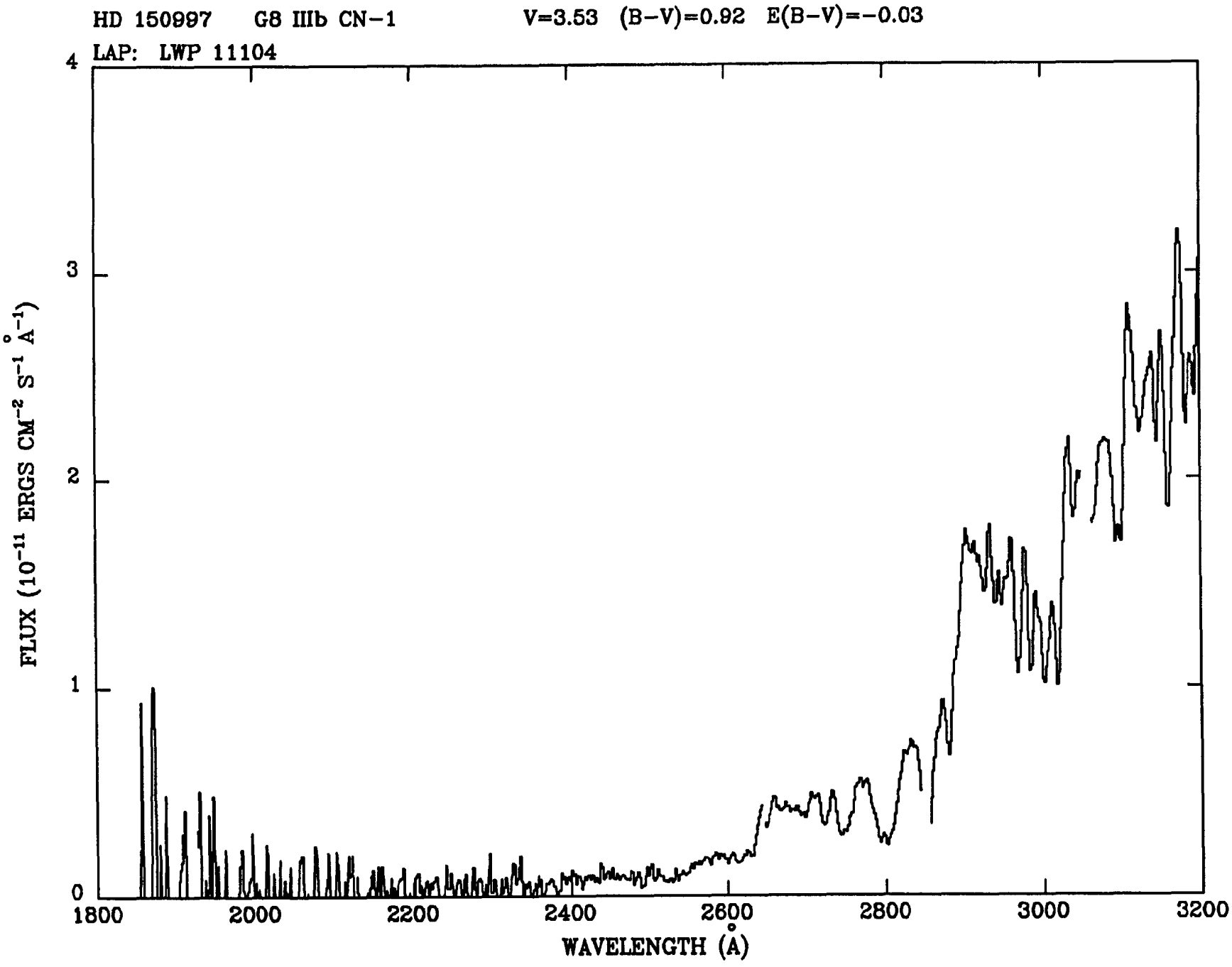
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.96E-14 | 2078 | 6.78E-13 | 2180 | 1.73E-14 | 2282 | 2.28E-13 | 2384 | 1.28E-13 | 2486 | 1.99E-13 | 2588 | 5.60E-13 | 2690 | 1.57E-12 | 2792 | 1.15E-12 | 2894 | 4.49E-12 | 2996 | 6.15E-12 | 3098 | 7.54E-12 |
| 1978 | 3.20E-13 | 2080 | 9.86E-14 | 2182 | 1.12E-13 | 2284 | 3.31E-13 | 2386 | 1.28E-13 | 2488 | 2.47E-13 | 2590 | 5.38E-13 | 2692 | 1.46E-12 | 2794 | 1.09E-12 | 2896 | 4.61E-12 | 2998 | 5.83E-12 | 3100 | 7.61E-12 |
| 1980 | 9.41E-14 | 2082 | -2.39E-13 | 2184 | 3.37E-13 | 2286 | 4.06E-13 | 2388 | 2.04E-13 | 2490 | 2.27E-13 | 2592 | 5.70E-13 | 2694 | 1.48E-12 | 2796 | 1.07E-12 | 2898 | 5.20E-12 | 3000 | 5.47E-12 | 3102 | 7.56E-12 |
| 1982 | 7.69E-13 | 2084 | -1.80E-13 | 2186 | 1.91E-13 | 2288 | 3.81E-14 | 2390 | 3.42E-13 | 2492 | 1.21E-13 | 2594 | 5.56E-13 | 2696 | 1.56E-12 | 2798 | 1.17E-12 | 2900 | 5.68E-12 | 3002 | 5.15E-12 | 3104 | 7.93E-12 |
| 1984 | 6.25E-13 | 2086 | -7.10E-13 | 2188 | 3.67E-13 | 2290 | -3.00E-14 | 2392 | 2.81E-13 | 2494 | 1.34E-13 | 2596 | 5.60E-13 | 2698 | 1.48E-12 | 2800 | 1.31E-12 | 2902 | 6.06E-12 | 3004 | 4.72E-12 | 3106 | 9.22E-12 |
| 1986 | -3.58E-13 | 2088 | -5.54E-13 | 2190 | 1.77E-13 | 2292 | -7.59E-14 | 2394 | 2.64E-13 | 2496 | 1.29E-13 | 2598 | 6.10E-13 | 2700 | 1.47E-12 | 2802 | 1.20E-12 | 2904 | 6.52E-12 | 3006 | 4.59E-12 | 3108 | 1.09E-11 |
| 1988 | -8.71E-14 | 2090 | -7.88E-14 | 2192 | -4.04E-13 | 2294 | 2.42E-13 | 2396 | 1.74E-13 | 2498 | 2.34E-13 | 2600 | 5.79E-13 | 2702 | 1.60E-12 | 2804 | 1.02E-12 | 2906 | 6.93E-12 | 3008 | 4.81E-12 | 3110 | 1.21E-11 |
| 1990 | -3.76E-14 | 2092 | 5.65E-13 | 2194 | 2.95E-14 | 2296 | 6.88E-13 | 2398 | 1.96E-13 | 2500 | 2.28E-13 | 2602 | 5.22E-13 | 2704 | 1.77E-12 | 2806 | 1.10E-12 | 2908 | 6.97E-12 | 3010 | 5.09E-12 | 3112 | 1.28E-11 |
| 1992 | -1.85E-13 | 2094 | 6.49E-13 | 2196 | 7.93E-14 | 2298 | 4.28E-13 | 2400 | 2.90E-13 | 2502 | 2.92E-13 | 2604 | 5.76E-13 | 2706 | 1.92E-12 | 2808 | 1.22E-12 | 2910 | 6.85E-12 | 3012 | 5.41E-12 | 3114 | 1.31E-11 |
| 1994 | 9.53E-14 | 2096 | -7.59E-13 | 2198 | -9.43E-14 | 2300 | 2.68E-13 | 2402 | 2.84E-13 | 2504 | 4.08E-13 | 2606 | 5.75E-13 | 2708 | 1.96E-12 | 2810 | 1.21E-12 | 2912 | 6.67E-12 | 3014 | 5.70E-12 | 3116 | 1.29E-11 |
| 1996 | 1.98E-13 | 2098 | -8.11E-13 | 2200 | 7.14E-14 | 2302 | 2.38E-13 | 2404 | 2.51E-13 | 2506 | 2.52E-13 | 2608 | 5.69E-13 | 2710 | 1.99E-12 | 2812 | 1.20E-12 | 2914 | 6.84E-12 | 3016 | 5.94E-12 | 3118 | 1.26E-11 |
| 1998 | -4.51E-14 | 2100 | -4.08E-13 | 2202 | -1.89E-13 | 2304 | 1.01E-13 | 2406 | 9.48E-14 | 2508 | 1.68E-13 | 2610 | 5.84E-13 | 2712 | 2.00E-12 | 2814 | 1.27E-12 | 2916 | 7.06E-12 | 3018 | 5.86E-12 | 3120 | 1.18E-11 |
| 2000 | -1.66E-13 | 2102 | 2.03E-13 | 2204 | 2.10E-13 | 2306 | -2.84E-13 | 2408 | 2.79E-13 | 2510 | 3.06E-13 | 2612 | 5.79E-13 | 2714 | 2.04E-12 | 2816 | 1.38E-12 | 2918 | 6.90E-12 | 3020 | 5.39E-12 | 3122 | 1.09E-11 |
| 2002 | -4.11E-13 | 2104 | 2.81E-13 | 2206 | 1.57E-13 | 2308 | -2.34E-13 | 2410 | 4.01E-13 | 2512 | 3.34E-13 | 2614 | 5.92E-13 | 2716 | 2.06E-12 | 2818 | 1.51E-12 | 2920 | 6.95E-12 | 3022 | 4.85E-12 | 3124 | 1.03E-11 |
| 2004 | -1.74E-14 | 2106 | -8.93E-14 | 2208 | -7.29E-15 | 2310 | 3.56E-13 | 2412 | 2.31E-13 | 2514 | 2.47E-13 | 2616 | 6.03E-13 | 2718 | 1.89E-12 | 2820 | 1.68E-12 | 2922 | 7.04E-12 | 3024 | 4.68E-12 | 3126 | 1.03E-11 |
| 2006 | -3.80E-13 | 2108 | -1.33E-13 | 2210 | 2.06E-13 | 2312 | 2.28E-13 | 2414 | 7.55E-14 | 2516 | 2.89E-13 | 2618 | 6.17E-13 | 2720 | 1.67E-12 | 2822 | 1.87E-12 | 2924 | 7.13E-12 | 3026 | 5.30E-12 | 3128 | 1.04E-11 |
| 2008 | -4.22E-13 | 2110 | 8.68E-14 | 2212 | -3.35E-14 | 2314 | -5.03E-14 | 2416 | 2.55E-14 | 2518 | 3.44E-13 | 2620 | 6.58E-13 | 2722 | 1.53E-12 | 2824 | 2.09E-12 | 2926 | 7.02E-12 | 3028 | 6.31E-12 | 3130 | 1.05E-11 |
| 2010 | -5.47E-13 | 2112 | 1.55E-13 | 2214 | -6.60E-14 | 2316 | -3.89E-14 | 2418 | 1.86E-13 | 2520 | 2.93E-13 | 2622 | 6.94E-13 | 2724 | 1.33E-12 | 2826 | 2.29E-12 | 2928 | 6.70E-12 | 3030 | 7.47E-12 | 3132 | 1.07E-11 |
| 2012 | -5.71E-13 | 2114 | -6.65E-14 | 2216 | 4.35E-13 | 2318 | 3.23E-13 | 2420 | 2.59E-13 | 2522 | 1.93E-13 | 2624 | 7.43E-13 | 2726 | 1.25E-12 | 2828 | 2.46E-12 | 2930 | 6.49E-12 | 3032 | 8.42E-12 | 3134 | 1.10E-11 |
| 2014 | 3.30E-13 | 2116 | 3.98E-13 | 2218 | 3.65E-13 | 2320 | 2.10E-13 | 2422 | 2.62E-13 | 2524 | 1.75E-13 | 2626 | 7.84E-13 | 2728 | 1.35E-12 | 2830 | 2.49E-12 | 2932 | 6.62E-12 | 3034 | 8.93E-12 | 3136 | 1.13E-11 |
| 2016 | 6.91E-13 | 2118 | 4.09E-13 | 2220 | 2.58E-13 | 2322 | 1.22E-13 | 2424 | 2.19E-13 | 2526 | 2.05E-13 | 2628 | 7.74E-13 | 2730 | 1.62E-12 | 2832 | 2.43E-12 | 2934 | 7.04E-12 | 3036 | 9.35E-12 | 3138 | 1.15E-11 |
| 2018 | -4.60E-13 | 2120 | -2.83E-13 | 2222 | 1.93E-13 | 2324 | 3.62E-13 | 2426 | 1.06E-13 | 2528 | 2.63E-13 | 2630 | 7.66E-13 | 2732 | 1.87E-12 | 2834 | 2.51E-12 | 2936 | 7.44E-12 | 3038 | 9.57E-12 | 3140 | 1.17E-11 |
| 2020 | -1.11E-12 | 2122 | 6.18E-13 | 2224 | 2.77E-13 | 2326 | 3.48E-13 | 2428 | 2.21E-13 | 2530 | 2.09E-13 | 2632 | 7.16E-13 | 2734 | 1.95E-12 | 2836 | 2.53E-12 | 2938 | 7.27E-12 | 3040 | 9.27E-12 | 3142 | 1.20E-11 |
| 2022 | -7.55E-13 | 2124 | 1.42E-13 | 2226 | 3.05E-13 | 2328 | 3.29E-13 | 2430 | 3.25E-13 | 2532 | 2.08E-13 | 2634 | 7.17E-13 | 2736 | 1.86E-12 | 2838 | 2.37E-12 | 2940 | 6.55E-12 | 3042 | 8.78E-12 | 3144 | 1.17E-11 |
| 2024 | 8.62E-14 | 2126 | -3.76E-13 | 2228 | 3.39E-13 | 2330 | 2.21E-13 | 2432 | 2.12E-13 | 2534 | 4.09E-13 | 2636 | 8.47E-13 | 2738 | 1.72E-12 | 2840 | 2.25E-12 | 2942 | 6.04E-12 | 3044 | 8.65E-12 | 3146 | 1.10E-11 |
| 2026 | 2.00E-13 | 2128 | 3.40E-13 | 2230 | 3.63E-13 | 2332 | 1.04E-13 | 2434 | 2.39E-13 | 2536 | 3.96E-13 | 2638 | 1.10E-12 | 2740 | 1.58E-12 | 2842 | 2.10E-12 | 2944 | 6.23E-12 | 3046 | 8.86E-12 | 3148 | 1.09E-11 |
| 2028 | -6.02E-14 | 2130 | 2.72E-13 | 2232 | 1.78E-13 | 2334 | 2.90E-13 | 2436 | 9.07E-14 | 2538 | 2.69E-13 | 2640 | 1.39E-12 | 2742 | 1.37E-12 | 2844 | 1.95E-12 | 2946 | 6.43E-12 | 3048 | 9.14E-12 | 3150 | 1.13E-11 |
| 2030 | -6.84E-13 | 2132 | -2.98E-13 | 2234 | -3.91E-13 | 2336 | 5.18E-13 | 2438 | 2.22E-13 | 2540 | 2.88E-13 | 2642 | 1.60E-12 | 2744 | 1.18E-12 | 2846 | 1.78E-12 | 2948 | 6.23E-12 | 3050 | 9.05E-12 | 3152 | 1.17E-11 |
| 2032 | 1.08E-13 | 2134 | -3.19E-13 | 2236 | -1.45E-13 | 2338 | 5.75E-13 | 2440 | 3.23E-13 | 2542 | 2.88E-13 | 2644 | 1.55E-12 | 2746 | 1.15E-12 | 2848 | | 2950 | 6.01E-12 | 3052 | 8.87E-12 | 3154 | 1.19E-11 |
| 2034 | 1.18E-13 | 2136 | -2.38E-13 | 2238 | 6.06E-14 | 2340 | 2.90E-13 | 2442 | 1.94E-13 | 2544 | 3.68E-13 | 2646 | | 2748 | 1.19E-12 | 2850 | | 2952 | 6.00E-12 | 3054 | | 3156 | 1.14E-11 |
| 2036 | 1.46E-14 | 2138 | -5.41E-14 | 2240 | 2.53E-13 | 2342 | 7.30E-14 | 2444 | 9.34E-14 | 2546 | 3.47E-13 | 2648 | 1.38E-12 | 2750 | 1.19E-12 | 2852 | | 2954 | 6.16E-12 | 3056 | | 3158 | 1.04E-11 |
| 2038 | -3.73E-14 | 2140 | -3.21E-13 | 2242 | 3.17E-13 | 2344 | 1.37E-13 | 2446 | 1.78E-13 | 2548 | 3.94E-13 | 2650 | 1.39E-12 | 2752 | 1.25E-12 | 2854 | | 2956 | 6.51E-12 | 3058 | | 3160 | 9.39E-12 |
| 2040 | -4.03E-13 | 2142 | -1.43E-13 | 2244 | -2.80E-14 | 2346 | 1.03E-13 | 2448 | 2.29E-13 | 2550 | 4.25E-13 | 2652 | 1.35E-12 | 2754 | 1.38E-12 | 2856 | 6.53E-13 | 2958 | 6.67E-12 | 3060 | | 3162 | 9.03E-12 |
| 2042 | 3.27E-14 | 2144 | 4.82E-15 | 2246 | 2.53E-14 | 2348 | 1.14E-13 | 2450 | 1.65E-13 | 2552 | 3.92E-13 | 2654 | 1.31E-12 | 2756 | 1.49E-12 | 2858 | 7.57E-13 | 2960 | 6.90E-12 | 3062 | 7.24E-12 | 3164 | 9.51E-12 |
| 2044 | 5.09E-13 | 2146 | -5.15E-14 | 2248 | 4.00E-13 | 2350 | 1.36E-13 | 2452 | 2.39E-13 | 2554 | 4.27E-13 | 2656 | 1.33E-12 | 2758 | 1.57E-12 | 2860 | 1.01E-12 | 2962 | 7.04E-12 | 3064 | 7.45E-12 | 3166 | 1.07E-11 |
| 2046 | 7.00E-14 | 2148 | 1.08E-13 | 2250 | 4.05E-13 | 2352 | 3.93E-13 | 2454 | 3.38E-13 | 2556 | 4.35E-13 | 2658 | 1.53E-12 | 2760 | 1.62E-12 | 2862 | 1.29E-12 | 2964 | 6.94E-12 | 3066 | 7.74E-12 | 3168 | 1.15E-11 |
| 2048 | 2.53E-13 | 2150 | -7.04E-14 | 2252 | 1.34E-13 | 2354 | 6.70E-14 | 2456 | 2.40E-13 | 2558 | 4.56E-13 | 2660 | 1.76E-12 | 2762 | 1.75E-12 | 2864 | 1.56E-12 | 2966 | 6.45E-12 | 3068 | 7.70E-12 | 3170 | 1.22E-11 |
| 2050 | 6.36E-14 | 2152 | -1.41E-13 | 2254 | 1.50E-13 | 2356 | 6.41E-15 | 2458 | 2.13E-13 | 2560 | 4.86E-13 | 2662 | 1.71E-12 | 2764 | 1.91E-12 | 2866 | 1.91E-12 | 2968 | 5.58E-12 | 3070 | 7.60E-12 | 3172 | 1.33E-11 |
| 2052 | -1.15E-13 | 2154 | -2.08E-14 | 2256 | 3.81E-13 | 2358 | 4.61E-14 | 2460 | 2.16E-13 | 2562 | 4.88E-13 | 2664 | 1.62E-12 | 2766 | 1.97E-12 | 2868 | 2.27E-12 | 2970 | 4.89E-12 | 3072 | 8.00E-12 | 3174 | 1.41E-11 |
| 2054 | 3.93E-13 | 2156 | 1.82E-13 | 2258 | 4.09E-13 | 2360 | 1.23E-13 | 2462 | 2.77E-13 | 2564 | 4.61E-13 | 2666 | 1.65E-12 | 2768 | 2.04E-12 | 2870 | 2.62E-12 | 2972 | 4.73E-12 | 3074 | 8.71E-12 | 3176 | 1.46E-11 |
| 2056 | 3.45E-13 | 2158 | -1.53E-13 | 2260 | 2.52E-13 | 2362 | -8.28E-15 | 2464 | 1.69E-13 | 2566 | 3.79E-13 | 2668 | 1.58E-12 | 2770 | 2.03E-12 | 2872 | 2.89E-12 | 2974 | 5.08E-12 | 3076 | 9.35E-12 | 3178 | 1.45E-11 |
| 2058 | 6.31E-13 | 2160 | 2.78E-13 | 2262 | -5.30E-14 | 2364 | -6.75E-14 | 2466 | 1.85E-13 | 2568 | 4.57E-13 | 2670 | 1.63E-12 | 2772 | 1.94E-12 | 2874 | 3.16E-12 | 2976 | 5.83E-12 | 3078 | 9.70E-12 | 3180 | 1.38E-11 |
| 2060 | 7.84E-13 | 2162 | 2.11E-13 | 2264 | 1.88E-13 | 2366 | 1.82E-13 | 2468 | 1.50E-13 | 2570 | 4.64E-13 | 2672 | 1.65E-12 | 2774 | 1.97E-12 | 2876 | 3.28E-12 | 2978 | 6.71E-12 | 3080 | 9.85E-12 | 3182 | 1.29E-11 |
| 2062 | 2.67E-13 | 2164 | -2.92E-14 | 2266 | 3.13E-13 | 2368 | 2.80E-13 | 2470 | 3.65E-13 | 2572 | 4.84E-13 | 2674 | 1.67E-12 | 2776 | 2.03E-12 | 2878 | 3.17E-12 | 2980 | 7.36E-12 | 3082 | 9.92E-12 | 3184 | 1.20E-11 |
| 2064 | -1.59E-14 | 2166 | 8.59E-14 | 2268 | 2.71E-13 | 2370 | 1.79E-13 | 2472 | 3.10E-13 | 2574 | 5.76E-13 | 2676 | 1.60E-12 | 2778 | 2.03E-12 | 2880 | 2.95E-12 | 2982 | 7.20E-12 | 3084 | 9.92E-12 | 3186 | 1.13E-11 |
| 2066 | -9.03E-14 | 2168 | -4.18E-13 | 2270 | 1.23E-13 | 2372 | 2.20E-13 | 2474 | 2.52E-13 | 2576 | 6.32E-13 | 2678 | 1.54E-12 | 2780 | 1.90E-12 | 2882 | 2.74E-12 | 2984 | 6.03E-12 | 3086 | 9.76E-12 | 3188 | 1.12E-11 |
| 2068 | 3.91E-14 | 2170 | 2.12E-13 | 2272 | -7.26E-14 | 2374 | 1.71E-13 | 2476 | 1.32E-13 | 2578 | 6.08E-13 | 2680 | 1.61E-12 | 2782 | 1.71E-12 | 2884 | 2.64E-12 | 2986 | 5.03E-12 | 3088 | 9.51E-12 | 3190 | 1.15E-11 |
| 2070 | -4.93E-14 | 2172 | 6.32E-13 | 2274 | 6.04E-14 | 2376 | 8.94E-14 | 2478 | 2.66E-13 | 2580 | 6.43E-13 | 2682 | 1.60E-12 | 2784 | 1.58E-12 | 2886 | 2.82E-12 | 2988 | 4.72E-12 | 3090 | 9.44E-12 | 3192 | 1.17E-11 |
| 2072 | 2.07E-13 | 2174 | 5.86E-14 | 2276 | 2.73E-13 | 2378 | 4.46E-14 | 2480 | 3.23E-13 | 2582 | 6.36E-13 | 2684 | 1.56E-12 | 2786 | 1.42E-12 | 2888 | 3.40E-12 | 2990 | 5.31E-12 | 3092 | 8.81E-12 | 3194 | 1.18E-11 |
| 2074 | -1.68E-14 | 2176 | 1.07E-13 | 2278 | 2.29E-13 | 2380 | -1.56E-14 | 2482 | 1.80E-13 | 2584 | 5.95E-13 | 2686 | 1.57E-12 | 2788 | 1.32E-12 | 2890 | 3.87E-12 | 2992 | 6.06E-12 | 3094 | 7.91E-12 | 3196 | 1.21E-11 |
| 2076 | 3.64E-13 | 2178 | 7.38E-13 | 2280 | -2.42E-15 | 2382 | 2.95E-14 | 2484 | 1.58E-13 | 2586 | 6.15E-13 | 2688 | 1.60E-12 | 2790 | 1.23E-12 | 2892 | 4.27E-12 | 2994 | 6.38E-12 | 3096 | 7.50E-12 | 3198 | 1.28E-11 |


HD 37160 G8 IIIb V=4.09 (B-V)=0.95 E(B-V)=0.00
LAP: LWP 7028
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
1800
2000
2200
2400
2600
2800
3000
3200

**HD 150997 G8 IIIb CN-1 V=3.53 (B-V)=0.92 E(B-V)=-0.03**

**LAP: LWP 11104**

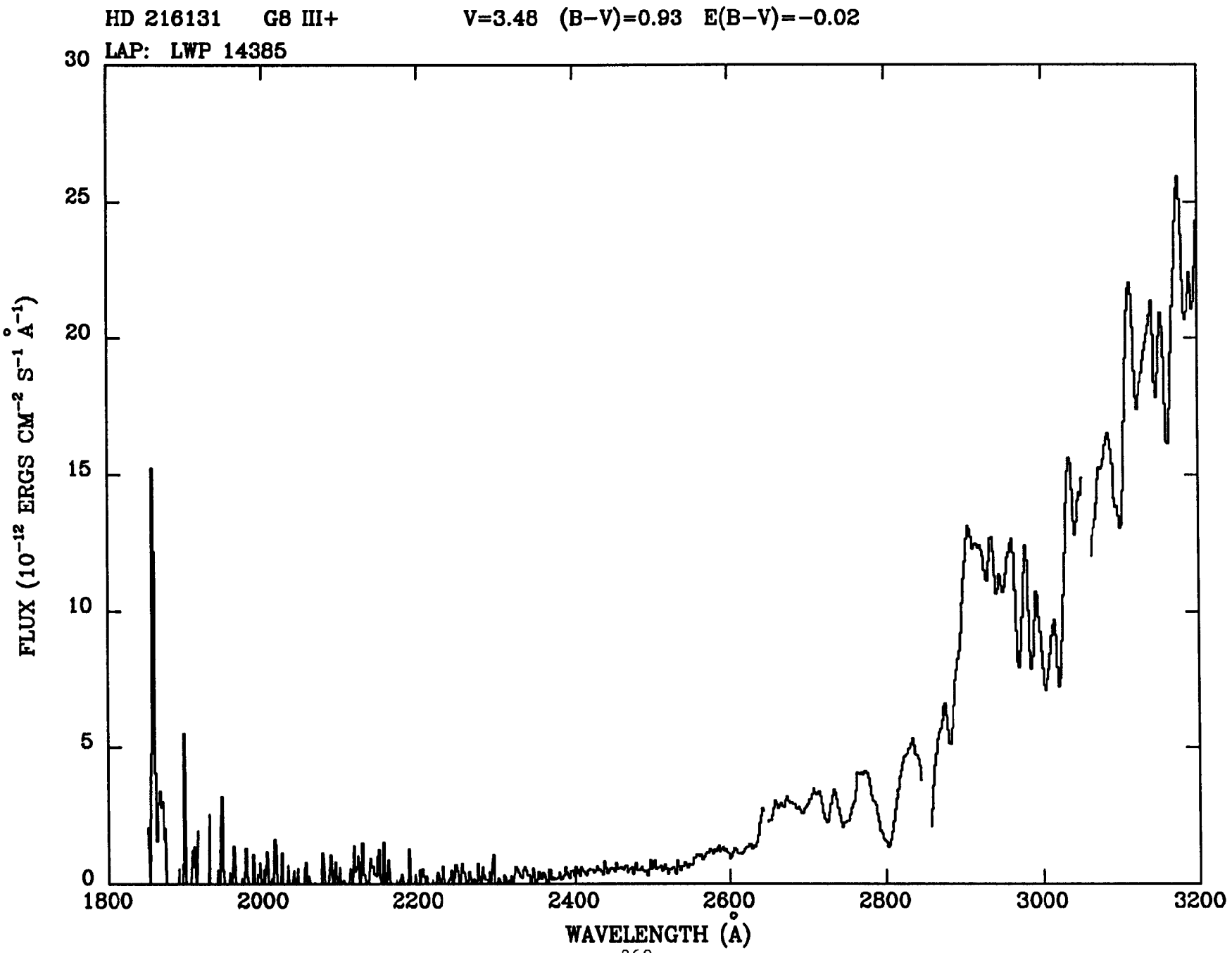
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -6.32E-13 | 2078 | 1.02E-12 | 2180 | 6.79E-13 | 2282 | 8.24E-13 | 2384 | 2.41E-13 | 2486 | 1.07E-12 | 2588 | 1.84E-12 | 2690 | 4.10E-12 | 2792 | 2.71E-12 | 2894 | 1.23E-11 | 2996 | 1.32E-11 | 3098 | 1.70E-11 |
| 1978 | 5.27E-14 | 2080 | -2.85E-13 | 2182 | 7.82E-13 | 2284 | 7.73E-13 | 2386 | 4.62E-13 | 2488 | 9.29E-13 | 2590 | 2.00E-12 | 2692 | 3.90E-12 | 2794 | 2.65E-12 | 2896 | 1.36E-11 | 2998 | 1.22E-11 | 3100 | 1.72E-11 |
| 1980 | 1.13E-12 | 2082 | -7.05E-13 | 2184 | 8.66E-13 | 2286 | 3.56E-13 | 2388 | 1.01E-12 | 2490 | 4.77E-13 | 2592 | 1.94E-12 | 2694 | 3.97E-12 | 2796 | 2.88E-12 | 2898 | 1.50E-11 | 3000 | 1.07E-11 | 3102 | 1.92E-11 |
| 1982 | 2.09E-12 | 2084 | -1.70E-12 | 2186 | 1.01E-12 | 2288 | -1.51E-13 | 2390 | 8.58E-13 | 2492 | 4.69E-13 | 2594 | 1.91E-12 | 2696 | 3.99E-12 | 2798 | 2.90E-12 | 2900 | 1.60E-11 | 3002 | 1.02E-11 | 3104 | 2.25E-11 |
| 1984 | 6.32E-13 | 2086 | -1.15E-12 | 2188 | 9.25E-13 | 2290 | 4.49E-13 | 2392 | 7.63E-13 | 2494 | 5.01E-13 | 2596 | 1.86E-12 | 2698 | 3.82E-12 | 2800 | 2.59E-12 | 2902 | 1.70E-11 | 3004 | 1.07E-11 | 3106 | 2.56E-11 |
| 1986 | 3.00E-14 | 2088 | 1.86E-13 | 2190 | -3.11E-13 | 2292 | -5.85E-14 | 2394 | 7.31E-13 | 2496 | 9.77E-13 | 2598 | 1.77E-12 | 2700 | 4.13E-12 | 2802 | 2.43E-12 | 2904 | 1.74E-11 | 3006 | 1.15E-11 | 3108 | 2.76E-11 |
| 1988 | 4.48E-15 | 2090 | 7.74E-13 | 2192 | -8.34E-13 | 2294 | 1.52E-12 | 2396 | 9.13E-13 | 2498 | 1.32E-12 | 2600 | 1.61E-12 | 2702 | 4.49E-12 | 2804 | 2.68E-12 | 2906 | 1.71E-11 | 3008 | 1.22E-11 | 3110 | 2.81E-11 |
| 1990 | 3.24E-13 | 2092 | 2.05E-12 | 2194 | -2.14E-13 | 2296 | 1.87E-12 | 2398 | 8.07E-13 | 2500 | 1.07E-12 | 2602 | 1.72E-12 | 2704 | 4.74E-12 | 2806 | 2.92E-12 | 2908 | 1.67E-11 | 3010 | 1.33E-11 | 3112 | 2.74E-11 |
| 1992 | 7.74E-13 | 2094 | -3.38E-13 | 2196 | -6.84E-14 | 2298 | 1.74E-13 | 2400 | 1.08E-12 | 2502 | 1.40E-12 | 2604 | 1.90E-12 | 2706 | 4.87E-12 | 2808 | 3.09E-12 | 2910 | 1.64E-11 | 3012 | 1.40E-11 | 3114 | 2.64E-11 |
| 1994 | 1.45E-12 | 2096 | -2.32E-12 | 2198 | -5.57E-13 | 2300 | 3.26E-13 | 2402 | 1.04E-12 | 2504 | 1.29E-12 | 2606 | 2.03E-12 | 2708 | 4.73E-12 | 2810 | 3.43E-12 | 2912 | 1.66E-11 | 3014 | 1.37E-11 | 3116 | 2.51E-11 |
| 1996 | 1.90E-12 | 2098 | -1.03E-12 | 2200 | -1.48E-13 | 2302 | 7.94E-13 | 2404 | 1.06E-12 | 2506 | 7.90E-13 | 2608 | 1.95E-12 | 2710 | 4.75E-12 | 2812 | 3.96E-12 | 2914 | 1.69E-11 | 3016 | 1.25E-11 | 3118 | 2.37E-11 |
| 1998 | -5.40E-13 | 2100 | 3.35E-13 | 2202 | 7.43E-13 | 2304 | 3.07E-13 | 2406 | 6.04E-13 | 2508 | 7.64E-13 | 2610 | 1.68E-12 | 2712 | 4.78E-12 | 2814 | 4.55E-12 | 2916 | 1.65E-11 | 3018 | 1.09E-11 | 3120 | 2.29E-11 |
| 2000 | -1.66E-13 | 2102 | 1.95E-12 | 2204 | 1.00E-12 | 2306 | -6.69E-13 | 2408 | 9.33E-13 | 2510 | 1.06E-12 | 2612 | 1.60E-12 | 2714 | 4.84E-12 | 2816 | 5.18E-12 | 2918 | 1.61E-11 | 3020 | 1.03E-11 | 3122 | 2.23E-11 |
| 2002 | -6.16E-14 | 2104 | 8.45E-13 | 2206 | 1.10E-12 | 2308 | -4.80E-13 | 2410 | 9.20E-13 | 2512 | 1.09E-12 | 2614 | 1.60E-12 | 2716 | 4.56E-12 | 2818 | 5.66E-12 | 2920 | 1.62E-11 | 3022 | 1.15E-11 | 3124 | 2.24E-11 |
| 2004 | 3.31E-13 | 2106 | -7.12E-13 | 2208 | 2.28E-13 | 2310 | 3.72E-13 | 2412 | 6.62E-13 | 2514 | 9.49E-13 | 2616 | 1.64E-12 | 2718 | 3.97E-12 | 2820 | 6.07E-12 | 2922 | 1.58E-11 | 3024 | 1.38E-11 | 3126 | 2.29E-11 |
| 2006 | 8.72E-15 | 2108 | -1.83E-12 | 2210 | 4.11E-13 | 2312 | 3.87E-13 | 2414 | 3.83E-13 | 2516 | 9.35E-13 | 2618 | 1.72E-12 | 2720 | 3.57E-12 | 2822 | 6.65E-12 | 2924 | 1.51E-11 | 3026 | 1.61E-11 | 3128 | 2.34E-11 |
| 2008 | -2.54E-12 | 2110 | -8.61E-13 | 2212 | -5.92E-13 | 2314 | 3.37E-13 | 2416 | 6.43E-13 | 2518 | 7.51E-13 | 2620 | 1.88E-12 | 2722 | 3.43E-12 | 2824 | 6.91E-12 | 2926 | 1.46E-11 | 3028 | 1.83E-11 | 3130 | 2.40E-11 |
| 2010 | -4.67E-13 | 2112 | 5.12E-13 | 2214 | 4.79E-13 | 2316 | 7.74E-13 | 2418 | 8.58E-13 | 2520 | 6.93E-13 | 2622 | 1.95E-12 | 2724 | 3.49E-12 | 2826 | 6.82E-12 | 2928 | 1.48E-11 | 3030 | 2.03E-11 | 3132 | 2.47E-11 |
| 2012 | 1.49E-13 | 2114 | 1.13E-13 | 2216 | 6.82E-13 | 2318 | 7.48E-13 | 2420 | 8.58E-13 | 2522 | 6.99E-13 | 2624 | 2.07E-12 | 2726 | 3.86E-12 | 2828 | 6.90E-12 | 2930 | 1.59E-11 | 3032 | 2.13E-11 | 3134 | 2.50E-11 |
| 2014 | 2.41E-12 | 2116 | 1.56E-12 | 2218 | 4.58E-13 | 2320 | -4.89E-13 | 2422 | 9.71E-13 | 2524 | 6.62E-13 | 2626 | 2.14E-12 | 2728 | 4.15E-12 | 2830 | 7.09E-12 | 2932 | 1.75E-11 | 3034 | 2.18E-11 | 3136 | 2.55E-11 |
| 2016 | 8.11E-13 | 2118 | 1.12E-12 | 2220 | 2.54E-13 | 2322 | -1.55E-13 | 2424 | 8.91E-13 | 2526 | 7.99E-13 | 2628 | 1.97E-12 | 2730 | 4.77E-12 | 2832 | 7.40E-12 | 2934 | 1.72E-11 | 3036 | 2.08E-11 | 3138 | 2.59E-11 |
| 2018 | -2.03E-12 | 2120 | 1.11E-12 | 2222 | 4.95E-13 | 2324 | 1.09E-12 | 2426 | 9.22E-13 | 2528 | 7.87E-13 | 2630 | 1.95E-12 | 2732 | 4.99E-12 | 2834 | 7.39E-12 | 2936 | 1.55E-11 | 3038 | 1.87E-11 | 3140 | 2.56E-11 |
| 2020 | -2.16E-12 | 2122 | 1.87E-12 | 2224 | 5.32E-13 | 2326 | 1.57E-12 | 2428 | 9.81E-13 | 2530 | 6.62E-13 | 2632 | 1.92E-12 | 2734 | 4.85E-12 | 2836 | 7.13E-12 | 2938 | 1.46E-11 | 3040 | 1.81E-11 | 3142 | 2.37E-11 |
| 2022 | -9.09E-14 | 2124 | -7.74E-13 | 2226 | 7.27E-13 | 2328 | 1.29E-12 | 2430 | 7.51E-13 | 2532 | 9.37E-13 | 2634 | 2.36E-12 | 2736 | 4.35E-12 | 2838 | 7.15E-12 | 2940 | 1.40E-11 | 3042 | 1.87E-11 | 3144 | 2.21E-11 |
| 2024 | 2.35E-13 | 2126 | | 2228 | 8.76E-13 | 2330 | 6.59E-13 | 2432 | 8.34E-13 | 2534 | 1.15E-12 | 2636 | 2.87E-12 | 2738 | 3.73E-12 | 2840 | 6.99E-12 | 2942 | 1.47E-11 | 3044 | 1.98E-11 | 3146 | 2.31E-11 |
| 2026 | -5.91E-13 | 2128 | 7.59E-13 | 2230 | 6.27E-13 | 2332 | 1.01E-12 | 2434 | 7.01E-13 | 2536 | 8.47E-13 | 2638 | 3.40E-12 | 2740 | 3.24E-12 | 2842 | 6.39E-12 | 2944 | 1.54E-11 | 3046 | 2.02E-11 | 3148 | 2.52E-11 |
| 2028 | -5.19E-13 | 2130 | 1.04E-13 | 2232 | -5.30E-13 | 2334 | 1.62E-12 | 2436 | 6.29E-13 | 2538 | 8.80E-13 | 2640 | 3.81E-12 | 2742 | 2.97E-12 | 2844 | 5.73E-12 | 2946 | 1.47E-11 | 3048 | 2.00E-11 | 3150 | 2.69E-11 |
| 2030 | 1.33E-12 | 2132 | -4.52E-13 | 2234 | -9.49E-13 | 2336 | 1.31E-12 | 2438 | 1.54E-12 | 2540 | 1.01E-12 | 2642 | 4.14E-12 | 2744 | 2.93E-12 | 2846 | 5.04E-12 | 2948 | 1.40E-11 | 3050 | 2.03E-11 | 3152 | 2.64E-11 |
| 2032 | -2.00E-12 | 2134 | -1.49E-12 | 2236 | -4.09E-13 | 2338 | 3.40E-13 | 2440 | 1.29E-12 | 2542 | 1.12E-12 | 2644 | 4.34E-12 | 2746 | 3.11E-12 | 2848 | | 2950 | 1.45E-11 | 3052 | | 3154 | 2.41E-11 |
| 2034 | -1.43E-12 | 2136 | -9.83E-13 | 2238 | 1.40E-13 | 2340 | 3.64E-13 | 2442 | 8.16E-13 | 2544 | 1.10E-12 | 2646 | | 2748 | 3.16E-12 | 2850 | | 2952 | 1.51E-11 | 3054 | | 3156 | 2.09E-11 |
| 2036 | 7.39E-13 | 2138 | -1.58E-13 | 2240 | 6.77E-13 | 2342 | 4.52E-13 | 2444 | 9.16E-13 | 2546 | 1.01E-12 | 2648 | 3.46E-12 | 2750 | 3.10E-12 | 2852 | | 2954 | 1.51E-11 | 3056 | | 3158 | 1.87E-11 |
| 2038 | -7.84E-14 | 2140 | 1.70E-14 | 2242 | 1.21E-12 | 2344 | 5.40E-13 | 2446 | 1.12E-12 | 2548 | 1.05E-12 | 2650 | 3.42E-12 | 2752 | 3.37E-12 | 2854 | | 2956 | 1.53E-11 | 3058 | | 3160 | 1.90E-11 |
| 2040 | -1.50E-12 | 2142 | 1.06E-13 | 2244 | 3.79E-13 | 2346 | 6.64E-13 | 2448 | 1.03E-12 | 2550 | 1.11E-12 | 2652 | 3.70E-12 | 2754 | 3.81E-12 | 2856 | 3.47E-12 | 2958 | 1.62E-11 | 3060 | | 3162 | 2.09E-11 |
| 2042 | 2.19E-13 | 2144 | 3.19E-13 | 2246 | 6.30E-13 | 2348 | -1.99E-13 | 2450 | 8.74E-13 | 2552 | 1.38E-12 | 2654 | 4.03E-12 | 2756 | 3.96E-12 | 2858 | 4.27E-12 | 2960 | 1.71E-11 | 3062 | 1.78E-11 | 3164 | 2.36E-11 |
| 2044 | 6.60E-13 | 2146 | 9.17E-13 | 2248 | 8.67E-13 | 2350 | 1.07E-13 | 2452 | 1.16E-12 | 2554 | 1.51E-12 | 2656 | 4.39E-12 | 2758 | 4.13E-12 | 2860 | 5.64E-12 | 2962 | 1.65E-11 | 3064 | 1.80E-11 | 3166 | 2.59E-11 |
| 2046 | -1.33E-12 | 2148 | 1.23E-12 | 2250 | 1.60E-13 | 2352 | 3.21E-13 | 2454 | 1.02E-12 | 2556 | 1.36E-12 | 2658 | 4.67E-12 | 2760 | 4.77E-12 | 2862 | 6.48E-12 | 2964 | 1.45E-11 | 3066 | 1.81E-11 | 3168 | 2.77E-11 |
| 2048 | -1.85E-12 | 2150 | 4.01E-13 | 2252 | -1.51E-13 | 2354 | 5.21E-13 | 2456 | 8.02E-13 | 2558 | 1.59E-12 | 2660 | 4.73E-12 | 2762 | 5.26E-12 | 2864 | 7.36E-12 | 2966 | 1.23E-11 | 3068 | 1.86E-11 | 3170 | 3.01E-11 |
| 2050 | -1.57E-12 | 2152 | -3.45E-14 | 2254 | 3.64E-13 | 2356 | 1.40E-13 | 2458 | 9.77E-13 | 2560 | 1.55E-12 | 2662 | 4.32E-12 | 2764 | 5.38E-12 | 2866 | 7.83E-12 | 2968 | 1.09E-11 | 3070 | 1.97E-11 | 3172 | 3.17E-11 |
| 2052 | -5.30E-13 | 2154 | 1.32E-12 | 2256 | 7.41E-13 | 2358 | 8.23E-13 | 2460 | 9.70E-13 | 2562 | 1.57E-12 | 2664 | 4.31E-12 | 2766 | 5.50E-12 | 2868 | 8.07E-12 | 2970 | 1.11E-11 | 3072 | 2.08E-11 | 3174 | 3.15E-11 |
| 2054 | 1.15E-12 | 2156 | 4.57E-13 | 2258 | 7.72E-13 | 2360 | 5.65E-13 | 2462 | 8.03E-13 | 2564 | 1.60E-12 | 2666 | 4.15E-12 | 2768 | 5.62E-12 | 2870 | 8.73E-12 | 2972 | 1.22E-11 | 3074 | 2.16E-11 | 3176 | 2.99E-11 |
| 2056 | 1.72E-12 | 2158 | 5.07E-13 | 2260 | 1.44E-13 | 2362 | 5.00E-13 | 2464 | 9.29E-13 | 2566 | 1.58E-12 | 2668 | 4.11E-12 | 2770 | 5.35E-12 | 2872 | 9.36E-12 | 2974 | 1.41E-11 | 3076 | 2.17E-11 | 3178 | 2.64E-11 |
| 2058 | 1.91E-12 | 2160 | 1.29E-12 | 2262 | 9.40E-14 | 2364 | -9.47E-15 | 2466 | 9.94E-13 | 2568 | 1.69E-12 | 2670 | 4.19E-12 | 2772 | 5.29E-12 | 2874 | 9.25E-12 | 2976 | 1.62E-11 | 3078 | 2.18E-11 | 3180 | 2.34E-11 |
| 2060 | 8.47E-13 | 2162 | 4.10E-13 | 2264 | 7.90E-13 | 2366 | 8.34E-14 | 2468 | 9.47E-13 | 2570 | 1.79E-12 | 2672 | 4.31E-12 | 2774 | 5.45E-12 | 2876 | 8.72E-12 | 2978 | 1.65E-11 | 3080 | 2.19E-11 | 3182 | 2.27E-11 |
| 2062 | -9.80E-13 | 2164 | -2.77E-14 | 2266 | 1.02E-12 | 2368 | 4.69E-13 | 2470 | 8.19E-13 | 2572 | 1.84E-12 | 2674 | 4.43E-12 | 2776 | 5.57E-12 | 2878 | 7.91E-12 | 2980 | 1.50E-11 | 3082 | 2.18E-11 | 3184 | 2.41E-11 |
| 2064 | -6.93E-13 | 2166 | 1.50E-13 | 2268 | 6.79E-14 | 2370 | 5.89E-13 | 2472 | 7.80E-13 | 2574 | 1.81E-12 | 2676 | 4.28E-12 | 2778 | 5.39E-12 | 2880 | 7.03E-12 | 2982 | 1.23E-11 | 3084 | 2.18E-11 | 3186 | 2.57E-11 |
| 2066 | -6.91E-14 | 2168 | -2.67E-13 | 2270 | -6.18E-13 | 2372 | 6.59E-13 | 2474 | 7.97E-13 | 2576 | 1.64E-12 | 2678 | 4.19E-12 | 2780 | 4.85E-12 | 2882 | 7.08E-12 | 2984 | 1.08E-11 | 3086 | 2.14E-11 | 3188 | 2.58E-11 |
| 2068 | -1.95E-12 | 2170 | 4.83E-13 | 2272 | -1.19E-13 | 2374 | 7.68E-13 | 2476 | 9.09E-13 | 2578 | 1.51E-12 | 2680 | 4.10E-12 | 2782 | 4.39E-12 | 2884 | 8.26E-12 | 2986 | 1.12E-11 | 3088 | 2.04E-11 | 3190 | 2.52E-11 |
| 2070 | -7.31E-13 | 2172 | 3.03E-13 | 2274 | 1.13E-12 | 2376 | 7.40E-13 | 2478 | 1.16E-12 | 2580 | 1.82E-12 | 2682 | 4.15E-12 | 2784 | 4.14E-12 | 2886 | 9.98E-12 | 2988 | 1.30E-11 | 3090 | 1.90E-11 | 3192 | 2.43E-11 |
| 2072 | -3.61E-13 | 2174 | 3.51E-13 | 2276 | 9.68E-13 | 2378 | 4.76E-13 | 2480 | 8.37E-13 | 2582 | 1.93E-12 | 2684 | 4.11E-12 | 2786 | 3.88E-12 | 2888 | 1.11E-11 | 2990 | 1.44E-11 | 3092 | 1.72E-11 | 3194 | 2.49E-11 |
| 2074 | 7.45E-13 | 2176 | 2.25E-13 | 2278 | 2.25E-13 | 2380 | 4.41E-13 | 2482 | 6.38E-13 | 2584 | 2.06E-12 | 2686 | 4.23E-12 | 2788 | 3.55E-12 | 2890 | 1.13E-11 | 2992 | 1.42E-11 | 3094 | 1.72E-11 | 3196 | 2.74E-11 |
| 2076 | 2.39E-12 | 2178 | -2.11E-13 | 2280 | 4.60E-13 | 2382 | -2.56E-14 | 2484 | 8.26E-13 | 2586 | 1.96E-12 | 2688 | 4.31E-12 | 2790 | 3.10E-12 | 2892 | 1.18E-11 | 2994 | 1.35E-11 | 3096 | 1.76E-11 | 3198 | 2.97E-11 |


HD 150997 G8 IIIb CN-1 V=3.53 (B-V)=0.92 E(B-V)=-0.03
LAP: LWP 11104
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (A)

HD 216131 G8 III+ V=3.48 (B-V)=0.93 E(B-V)=-0.02

LAP: LWP 14385

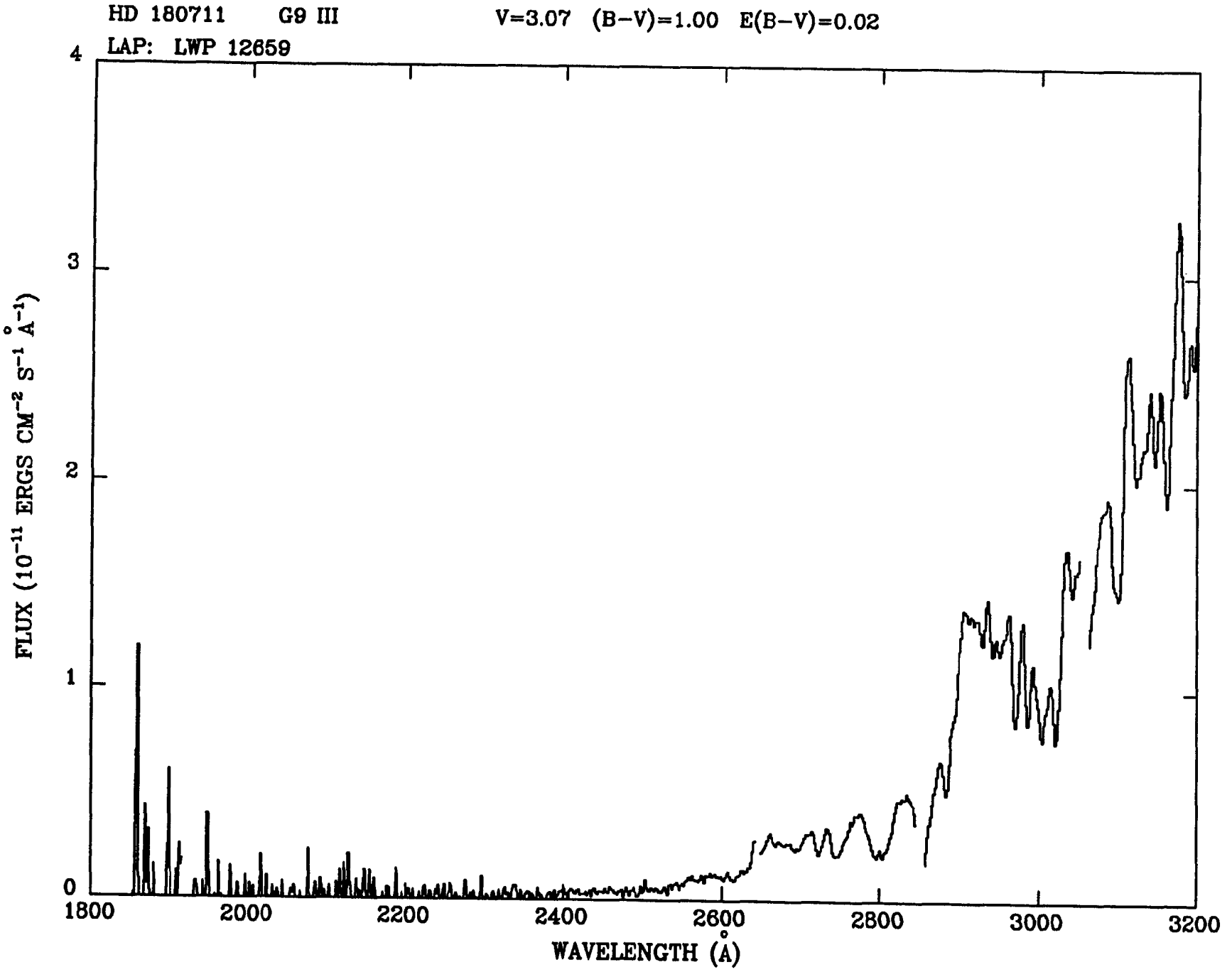
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 9.39E-13 | 2078 | 3.77E-13 | 2180 | -4.40E-14 | 2282 | 4.05E-13 | 2384 | 2.03E-13 | 2486 | 5.96E-13 | 2588 | 1.20E-12 | 2690 | 2.72E-12 | 2792 | 2.12E-12 | 2894 | 8.58E-12 | 2996 | 9.51E-12 | 3098 | 1.34E-11 |
| 1978 | 6.23E-13 | 2080 | -3.97E-13 | 2182 | -1.61E-13 | 2284 | 1.95E-13 | 2386 | 3.66E-13 | 2488 | 5.08E-13 | 2590 | 1.29E-12 | 2692 | 2.59E-12 | 2794 | 1.89E-12 | 2896 | 9.33E-12 | 2998 | 8.79E-12 | 3100 | 1.31E-11 |
| 1980 | -4.36E-13 | 2082 | -4.09E-13 | 2184 | -1.89E-13 | 2286 | 1.41E-13 | 2388 | 5.33E-13 | 2490 | 4.37E-13 | 2592 | 1.27E-12 | 2694 | 2.59E-12 | 2796 | 1.74E-12 | 2898 | 1.05E-11 | 3000 | 8.09E-12 | 3102 | 1.35E-11 |
| 1982 | -1.54E-13 | 2084 | 3.38E-13 | 2186 | 4.85E-13 | 2288 | 5.07E-14 | 2390 | 3.73E-13 | 2492 | 4.73E-13 | 2594 | 1.23E-12 | 2696 | 2.76E-12 | 2798 | 1.61E-12 | 2900 | 1.14E-11 | 3002 | 7.43E-12 | 3104 | 1.53E-11 |
| 1984 | 3.13E-15 | 2086 | 9.43E-13 | 2188 | 7.36E-13 | 2290 | 3.91E-13 | 2392 | 2.57E-13 | 2494 | 3.15E-13 | 2596 | 1.19E-12 | 2698 | 2.84E-12 | 2800 | 1.54E-12 | 2902 | 1.21E-11 | 3004 | 7.12E-12 | 3106 | 1.80E-11 |
| 1986 | 1.02E-12 | 2088 | 1.09E-13 | 2190 | -5.75E-13 | 2292 | -2.27E-14 | 2394 | 3.45E-13 | 2496 | 5.77E-13 | 2598 | 1.13E-12 | 2700 | 2.96E-12 | 2802 | 1.39E-12 | 2904 | 1.28E-11 | 3006 | 7.47E-12 | 3108 | 2.01E-11 |
| 1988 | -8.16E-13 | 2090 | -3.50E-13 | 2192 | -8.08E-13 | 2294 | 9.19E-13 | 2396 | 4.71E-13 | 2498 | 8.06E-13 | 2600 | 9.65E-13 | 2702 | 3.09E-12 | 2804 | 1.39E-12 | 2906 | 1.31E-11 | 3008 | 7.90E-12 | 3110 | 2.14E-11 |
| 1990 | -5.96E-13 | 2092 | 6.99E-13 | 2194 | -1.06E-13 | 2296 | 8.85E-13 | 2398 | 3.46E-13 | 2500 | 5.69E-13 | 2602 | 9.83E-13 | 2704 | 3.17E-12 | 2806 | 1.60E-12 | 2908 | 1.29E-11 | 3010 | 8.52E-12 | 3112 | 2.20E-11 |
| 1992 | 3.10E-13 | 2094 | 2.36E-13 | 2196 | 3.71E-14 | 2298 | -2.39E-14 | 2400 | 5.34E-13 | 2502 | 6.97E-13 | 2604 | 1.13E-12 | 2706 | 3.39E-12 | 2808 | 1.91E-12 | 2910 | 1.25E-11 | 3012 | 9.18E-12 | 3114 | 2.17E-11 |
| 1994 | 3.74E-13 | 2096 | -1.13E-13 | 2198 | -3.35E-13 | 2300 | -6.89E-14 | 2402 | 4.28E-13 | 2504 | 7.23E-13 | 2606 | 1.29E-12 | 2708 | 3.42E-12 | 2810 | 2.32E-12 | 2912 | 1.24E-11 | 3014 | 9.56E-12 | 3116 | 2.07E-11 |
| 1996 | 2.38E-13 | 2098 | 3.14E-13 | 2200 | -1.69E-13 | 2302 | 1.88E-13 | 2404 | 4.76E-13 | 2506 | 5.51E-13 | 2608 | 1.24E-12 | 2710 | 3.30E-12 | 2812 | 2.77E-12 | 2914 | 1.25E-11 | 3016 | 9.53E-12 | 3118 | 1.91E-11 |
| 1998 | -7.03E-13 | 2100 | -3.42E-13 | 2202 | 3.59E-13 | 2304 | 8.26E-14 | 2406 | 2.94E-13 | 2508 | 5.89E-13 | 2610 | 1.12E-12 | 2712 | 3.30E-12 | 2814 | 3.19E-12 | 2916 | 1.25E-11 | 3018 | 8.72E-12 | 3120 | 1.80E-11 |
| 2000 | -1.80E-13 | 2102 | 4.60E-14 | 2204 | 5.17E-13 | 2306 | -3.19E-14 | 2408 | 6.13E-13 | 2510 | 6.31E-13 | 2612 | 1.10E-12 | 2714 | 3.37E-12 | 2816 | 3.61E-12 | 2918 | 1.24E-11 | 3020 | 7.67E-12 | 3122 | 1.74E-11 |
| 2002 | 5.51E-13 | 2104 | -4.30E-14 | 2206 | 2.77E-13 | 2308 | 1.66E-13 | 2410 | 5.19E-13 | 2512 | 5.32E-13 | 2614 | 1.13E-12 | 2716 | 3.24E-12 | 2818 | 4.00E-12 | 2920 | 1.24E-11 | 3022 | 7.38E-12 | 3124 | 1.79E-11 |
| 2004 | 1.12E-12 | 2106 | -4.86E-13 | 2208 | 9.22E-14 | 2310 | 2.61E-13 | 2412 | 4.29E-13 | 2514 | 5.00E-13 | 2616 | 1.12E-12 | 2718 | 2.96E-12 | 2820 | 4.28E-12 | 2922 | 1.22E-11 | 3024 | 8.31E-12 | 3126 | 1.84E-11 |
| 2006 | -6.64E-14 | 2108 | -8.45E-13 | 2210 | 1.54E-13 | 2312 | 6.36E-14 | 2414 | 3.50E-13 | 2516 | 6.65E-13 | 2618 | 1.20E-12 | 2720 | 2.62E-12 | 2822 | 4.55E-12 | 2924 | 1.20E-11 | 3026 | 9.93E-12 | 3128 | 1.88E-11 |
| 2008 | -9.82E-13 | 2110 | 3.16E-14 | 2212 | -5.50E-13 | 2314 | 9.70E-15 | 2416 | 3.73E-13 | 2518 | 5.65E-13 | 2620 | 1.29E-12 | 2722 | 2.38E-12 | 2824 | 4.69E-12 | 2926 | 1.15E-11 | 3028 | 1.16E-11 | 3130 | 1.92E-11 |
| 2010 | 1.09E-13 | 2112 | 5.36E-13 | 2214 | -4.71E-13 | 2316 | 1.10E-13 | 2418 | 4.98E-13 | 2520 | 3.77E-13 | 2622 | 1.34E-12 | 2724 | 2.25E-12 | 2826 | 4.75E-12 | 2928 | 1.12E-11 | 3030 | 1.35E-11 | 3132 | 1.96E-11 |
| 2012 | 6.80E-14 | 2114 | -6.32E-14 | 2216 | -1.81E-13 | 2318 | 2.55E-13 | 2420 | 5.20E-13 | 2522 | 5.23E-13 | 2624 | 1.41E-12 | 2726 | 2.31E-12 | 2828 | 4.88E-12 | 2930 | 1.13E-11 | 3032 | 1.49E-11 | 3134 | 2.00E-11 |
| 2014 | 1.56E-12 | 2116 | 1.05E-12 | 2218 | -7.26E-14 | 2320 | -2.18E-14 | 2422 | 5.19E-13 | 2524 | 5.25E-13 | 2626 | 1.45E-12 | 2728 | 2.68E-12 | 2830 | 4.97E-12 | 2932 | 1.21E-11 | 3034 | 1.55E-11 | 3136 | 2.03E-11 |
| 2016 | 5.90E-13 | 2118 | 5.89E-13 | 2220 | -2.48E-13 | 2322 | 3.89E-13 | 2424 | 4.55E-13 | 2526 | 5.81E-13 | 2628 | 1.33E-12 | 2730 | 3.01E-12 | 2832 | 5.12E-12 | 2934 | 1.27E-11 | 3036 | 1.54E-11 | 3138 | 2.07E-11 |
| 2018 | -9.22E-13 | 2120 | 5.88E-13 | 2222 | 1.80E-13 | 2324 | 6.02E-13 | 2426 | 4.56E-13 | 2528 | 5.66E-13 | 2630 | 1.37E-12 | 2732 | 3.30E-12 | 2834 | 5.32E-12 | 2936 | 1.25E-11 | 3038 | 1.44E-11 | 3140 | 2.12E-11 |
| 2020 | -4.92E-13 | 2122 | 9.49E-13 | 2224 | 3.39E-13 | 2326 | 4.94E-13 | 2428 | 5.89E-13 | 2530 | 3.92E-13 | 2632 | 1.35E-12 | 2734 | 3.40E-12 | 2836 | 5.09E-12 | 2938 | 1.17E-11 | 3040 | 1.32E-11 | 3142 | 2.05E-11 |
| 2022 | 5.67E-13 | 2124 | -2.29E-13 | 2226 | -2.39E-15 | 2328 | 3.72E-13 | 2430 | 5.26E-13 | 2532 | 5.35E-13 | 2634 | 1.48E-12 | 2736 | 3.21E-12 | 2838 | 4.74E-12 | 2940 | 1.09E-11 | 3042 | 1.29E-11 | 3144 | 1.88E-11 |
| 2024 | 4.52E-13 | 2126 | 9.63E-13 | 2228 | 1.09E-13 | 2330 | 2.53E-13 | 2432 | 5.24E-13 | 2534 | 7.53E-13 | 2636 | 1.77E-12 | 2738 | 2.91E-12 | 2840 | 4.68E-12 | 2942 | 1.08E-11 | 3044 | 1.35E-11 | 3146 | 1.79E-11 |
| 2026 | -4.22E-14 | 2128 | 1.19E-12 | 2230 | 5.43E-13 | 2332 | 3.30E-13 | 2434 | 4.52E-13 | 2536 | 5.60E-13 | 2638 | 2.24E-12 | 2740 | 2.59E-12 | 2842 | 4.52E-12 | 2944 | 1.12E-11 | 3046 | 1.42E-11 | 3148 | 1.86E-11 |
| 2028 | -4.40E-13 | 2130 | 2.78E-13 | 2232 | 2.78E-13 | 2334 | 5.35E-13 | 2436 | 3.64E-13 | 2538 | 5.68E-13 | 2640 | 2.52E-12 | 2742 | 2.32E-12 | 2844 | 4.20E-12 | 2946 | 1.13E-11 | 3048 | 1.43E-11 | 3150 | 2.00E-11 |
| 2030 | 4.13E-13 | 2132 | 1.34E-14 | 2234 | -1.74E-13 | 2336 | 5.31E-13 | 2438 | 7.95E-13 | 2540 | 6.36E-13 | 2642 | 2.74E-12 | 2744 | 2.11E-12 | 2846 | 3.80E-12 | 2948 | 1.10E-11 | 3050 | 1.45E-11 | 3152 | 2.09E-11 |
| 2032 | -1.81E-13 | 2134 | -2.37E-13 | 2236 | -7.70E-14 | 2338 | 3.76E-13 | 2440 | 5.52E-13 | 2542 | 7.41E-13 | 2644 | 2.68E-12 | 2746 | 2.20E-12 | 2848 | | 2950 | 1.07E-11 | 3052 | 1.49E-11 | 3154 | 2.02E-11 |
| 2034 | -5.27E-13 | 2136 | 4.02E-13 | 2238 | 1.41E-13 | 2340 | 3.08E-13 | 2442 | 4.01E-13 | 2544 | 7.20E-13 | 2646 | | 2748 | 2.24E-12 | 2850 | | 2952 | 1.09E-11 | 3054 | | 3156 | 1.89E-11 |
| 2036 | 2.16E-14 | 2138 | 7.28E-13 | 2240 | 2.65E-13 | 2342 | 1.04E-13 | 2444 | 4.75E-13 | 2546 | 6.00E-13 | 2648 | 2.27E-12 | 2750 | 2.31E-12 | 2852 | | 2954 | 1.15E-11 | 3056 | | 3158 | 1.72E-11 |
| 2038 | 2.69E-13 | 2140 | 6.26E-13 | 2242 | 3.62E-13 | 2344 | 1.93E-13 | 2446 | 5.60E-13 | 2548 | 7.17E-13 | 2650 | 2.30E-12 | 2752 | 2.31E-12 | 2854 | | 2956 | 1.20E-11 | 3058 | | 3160 | 1.62E-11 |
| 2040 | -6.93E-13 | 2142 | 4.26E-13 | 2244 | 7.47E-14 | 2346 | 5.03E-13 | 2448 | 5.69E-13 | 2550 | 6.88E-13 | 2652 | 2.32E-12 | 2754 | 2.58E-12 | 2856 | 2.10E-12 | 2958 | 1.22E-11 | 3060 | | 3162 | 1.66E-11 |
| 2042 | 7.37E-14 | 2144 | 2.98E-13 | 2246 | 4.03E-13 | 2348 | -7.31E-14 | 2450 | 5.03E-13 | 2552 | 7.20E-13 | 2654 | 2.43E-12 | 2756 | 2.80E-12 | 2858 | 2.57E-12 | 2960 | 1.26E-11 | 3062 | 1.20E-11 | 3164 | 1.83E-11 |
| 2044 | 1.96E-14 | 2146 | 8.88E-13 | 2248 | 6.06E-13 | 2350 | 2.21E-14 | 2452 | 6.14E-13 | 2554 | 9.42E-13 | 2656 | 2.67E-12 | 2758 | 2.95E-12 | 2860 | 3.43E-12 | 2962 | 1.25E-11 | 3064 | 1.27E-11 | 3166 | 2.03E-11 |
| 2046 | -9.00E-13 | 2148 | 1.24E-12 | 2250 | 2.38E-13 | 2352 | 1.87E-13 | 2454 | 6.14E-13 | 2556 | 9.72E-13 | 2658 | 2.98E-12 | 2760 | 3.16E-12 | 2862 | 4.23E-12 | 2964 | 1.15E-11 | 3066 | 1.31E-11 | 3168 | 2.19E-11 |
| 2048 | -7.33E-13 | 2150 | 1.68E-13 | 2252 | -1.49E-14 | 2354 | 3.88E-13 | 2456 | 5.55E-13 | 2558 | 1.07E-12 | 2660 | 2.94E-12 | 2762 | 3.67E-12 | 2864 | 4.75E-12 | 2966 | 9.96E-12 | 3068 | 1.34E-11 | 3170 | 2.37E-11 |
| 2050 | -6.82E-13 | 2152 | -4.90E-14 | 2254 | 4.70E-13 | 2356 | 1.76E-13 | 2458 | 6.05E-13 | 2560 | 1.04E-12 | 2662 | 2.79E-12 | 2764 | 4.06E-12 | 2866 | 5.31E-12 | 2968 | 8.60E-12 | 3070 | 1.41E-11 | 3172 | 2.51E-11 |
| 2052 | 6.55E-14 | 2154 | 1.24E-12 | 2256 | 5.16E-13 | 2358 | 2.42E-13 | 2460 | 5.63E-13 | 2562 | 1.03E-12 | 2664 | 2.86E-12 | 2766 | 4.04E-12 | 2868 | 5.58E-12 | 2970 | 8.02E-12 | 3072 | 1.49E-11 | 3174 | 2.58E-11 |
| 2054 | 7.05E-13 | 2156 | 3.05E-14 | 2258 | 3.88E-13 | 2360 | 3.90E-13 | 2462 | 5.25E-13 | 2564 | 9.74E-13 | 2666 | 2.96E-12 | 2768 | 4.06E-12 | 2870 | 5.75E-12 | 2972 | 8.40E-12 | 3074 | 1.53E-11 | 3176 | 2.52E-11 |
| 2056 | 2.60E-13 | 2158 | 1.07E-13 | 2260 | -2.70E-13 | 2362 | 2.00E-13 | 2464 | 6.20E-13 | 2566 | 9.25E-13 | 2668 | 2.82E-12 | 2770 | 4.03E-12 | 2872 | 6.12E-12 | 2974 | 9.54E-12 | 3076 | 1.52E-11 | 3178 | 2.39E-11 |
| 2058 | 2.34E-13 | 2160 | 7.62E-13 | 2262 | 7.00E-14 | 2364 | 1.19E-14 | 2466 | 6.25E-13 | 2568 | 1.04E-12 | 2670 | 2.86E-12 | 2772 | 4.10E-12 | 2874 | 6.54E-12 | 2976 | 1.12E-11 | 3078 | 1.54E-11 | 3180 | 2.21E-11 |
| 2060 | -2.44E-14 | 2162 | 1.40E-13 | 2264 | 4.00E-13 | 2366 | 2.97E-13 | 2468 | 4.32E-13 | 2570 | 1.13E-12 | 2672 | 3.08E-12 | 2774 | 4.13E-12 | 2876 | 6.44E-12 | 2978 | 1.23E-11 | 3080 | 1.58E-11 | 3182 | 2.09E-11 |
| 2062 | -1.05E-12 | 2164 | -2.15E-13 | 2266 | 1.97E-13 | 2368 | 4.98E-13 | 2470 | 5.06E-13 | 2572 | 1.14E-12 | 2674 | 3.14E-12 | 2776 | 4.07E-12 | 2878 | 5.93E-12 | 2980 | 1.18E-11 | 3082 | 1.62E-11 | 3184 | 2.07E-11 |
| 2064 | -7.49E-13 | 2166 | -4.55E-14 | 2268 | -1.60E-14 | 2370 | 2.47E-13 | 2472 | 5.59E-13 | 2574 | 1.24E-12 | 2676 | 3.00E-12 | 2778 | 3.89E-12 | 2880 | 5.37E-12 | 2982 | 9.89E-12 | 3084 | 1.65E-11 | 3186 | 2.11E-11 |
| 2066 | -6.64E-14 | 2168 | -9.13E-14 | 2270 | 1.47E-13 | 2372 | 2.03E-13 | 2474 | 5.16E-13 | 2576 | 1.23E-12 | 2678 | 2.96E-12 | 2780 | 3.57E-12 | 2882 | 5.15E-12 | 2984 | 8.44E-12 | 3086 | 1.63E-11 | 3188 | 2.19E-11 |
| 2068 | -6.85E-13 | 2170 | 4.10E-14 | 2272 | 9.18E-14 | 2374 | 1.72E-13 | 2476 | 4.47E-13 | 2578 | 1.11E-12 | 2680 | 2.95E-12 | 2782 | 3.21E-12 | 2884 | 5.51E-12 | 2986 | 8.01E-12 | 3088 | 1.60E-11 | 3190 | 2.23E-11 |
| 2070 | -8.66E-13 | 2172 | -2.33E-13 | 2274 | 3.15E-13 | 2376 | 1.77E-13 | 2478 | 6.57E-13 | 2580 | 1.24E-12 | 2682 | 2.92E-12 | 2784 | 3.04E-12 | 2886 | 6.29E-12 | 2988 | 8.76E-12 | 3090 | 1.55E-11 | 3192 | 2.16E-11 |
| 2072 | -8.20E-13 | 2174 | -7.36E-14 | 2276 | 5.29E-13 | 2378 | 2.26E-13 | 2480 | 6.17E-13 | 2582 | 1.21E-12 | 2684 | 2.83E-12 | 2786 | 2.97E-12 | 2888 | 7.24E-12 | 2990 | 1.01E-11 | 3092 | 1.43E-11 | 3194 | 2.12E-11 |
| 2074 | -1.24E-13 | 2176 | 1.64E-13 | 2278 | 7.93E-14 | 2380 | 3.76E-13 | 2482 | 4.93E-13 | 2584 | 1.33E-12 | 2686 | 2.75E-12 | 2788 | 2.77E-12 | 2890 | 7.80E-12 | 2992 | 1.07E-11 | 3094 | 1.38E-11 | 3196 | 2.20E-11 |
| 2076 | 1.04E-12 | 2178 | 3.02E-13 | 2280 | 2.67E-13 | 2382 | 1.57E-13 | 2484 | 5.30E-13 | 2586 | 1.32E-12 | 2688 | 2.81E-12 | 2790 | 2.44E-12 | 2892 | 8.23E-12 | 2994 | 1.02E-11 | 3096 | 1.38E-11 | 3198 | 2.36E-11 |


HD 216131 G8 III+ V=3.48 (B−V)=0.93 E(B−V)=−0.02
LAP: LWP 14385
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

HD 180711 G9 III V=3.07 (B-V)=1.00 E(B-V)=0.02

LAP: LWP 12659

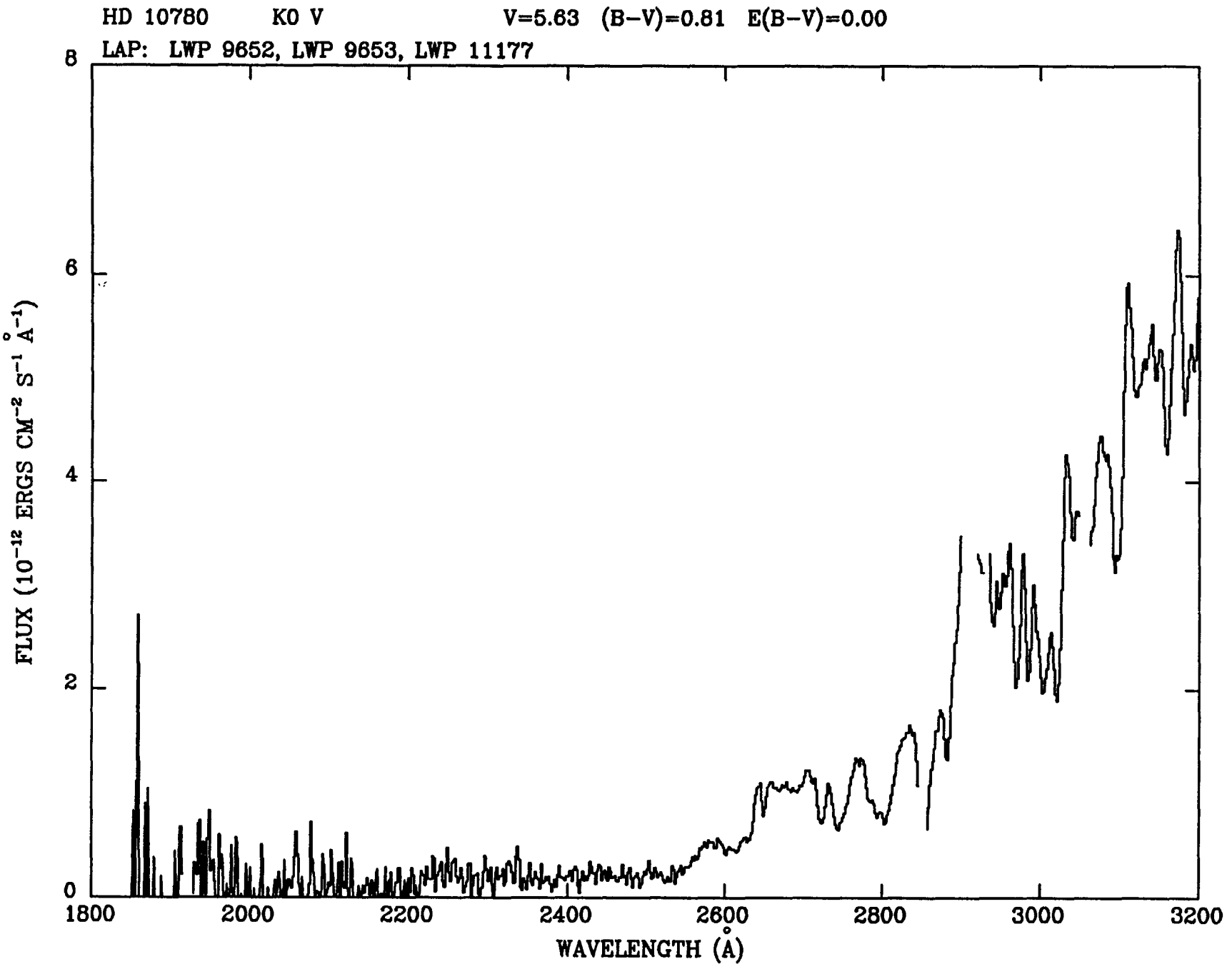
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 7.96E-13 | 2078 | 1.23E-12 | 2180 | 6.84E-14 | 2282 | 2.13E-13 | 2384 | 2.96E-13 | 2486 | 4.40E-13 | 2588 | 1.15E-12 | 2690 | 2.55E-12 | 2792 | 2.37E-12 | 2894 | 8.93E-12 | 2996 | 1.01E-11 | 3098 | 1.48E-11 |
| 1978 | 6.79E-14 | 2080 | -2.38E-13 | 2182 | -2.05E-13 | 2284 | 1.61E-13 | 2386 | 1.35E-13 | 2488 | 5.35E-13 | 2590 | 1.21E-12 | 2692 | 2.43E-12 | 2794 | 2.18E-12 | 2896 | 9.78E-12 | 2998 | 9.55E-12 | 3100 | 1.45E-11 |
| 1980 | -1.21E-12 | 2082 | -5.72E-13 | 2184 | -1.82E-13 | 2286 | 2.98E-13 | 2388 | 3.40E-13 | 2490 | 3.90E-13 | 2592 | 1.19E-12 | 2694 | 2.38E-12 | 2796 | 2.11E-12 | 2898 | 1.11E-11 | 3000 | 8.93E-12 | 3102 | 1.50E-11 |
| 1982 | -7.24E-13 | 2084 | 2.11E-13 | 2186 | 5.65E-14 | 2288 | 5.32E-15 | 2390 | 3.03E-13 | 2492 | 1.98E-13 | 2594 | 1.12E-12 | 2696 | 2.51E-12 | 2798 | 2.19E-12 | 2900 | 1.21E-11 | 3002 | 8.14E-12 | 3104 | 1.68E-11 |
| 1984 | 2.00E-13 | 2086 | 6.82E-13 | 2188 | 8.72E-13 | 2290 | 3.89E-14 | 2392 | 1.37E-13 | 2494 | 1.74E-13 | 2596 | 1.11E-12 | 2698 | 2.45E-12 | 2800 | 2.38E-12 | 2902 | 1.29E-11 | 3004 | 7.73E-12 | 3106 | 2.03E-11 |
| 1986 | 6.31E-13 | 2088 | 2.50E-14 | 2190 | -5.19E-13 | 2292 | -2.70E-13 | 2394 | 2.80E-13 | 2496 | 3.36E-13 | 2598 | 1.11E-12 | 2700 | 2.53E-12 | 2802 | 2.21E-12 | 2904 | 1.36E-11 | 3006 | 8.39E-12 | 3108 | 2.40E-11 |
| 1988 | -5.40E-13 | 2090 | -7.69E-13 | 2192 | -9.51E-13 | 2294 | 3.82E-13 | 2396 | 3.57E-13 | 2498 | 5.93E-13 | 2600 | 1.04E-12 | 2702 | 2.69E-12 | 2804 | 2.08E-12 | 2906 | 1.40E-11 | 3008 | 8.97E-12 | 3110 | 2.58E-11 |
| 1990 | -1.31E-12 | 2092 | 8.18E-13 | 2194 | -1.78E-13 | 2296 | 9.62E-13 | 2398 | 3.81E-13 | 2500 | 3.70E-13 | 2602 | 9.68E-13 | 2704 | 2.87E-12 | 2806 | 2.28E-12 | 2908 | 1.39E-11 | 3010 | 9.34E-12 | 3112 | 2.62E-11 |
| 1992 | -3.22E-13 | 2094 | 5.70E-13 | 2196 | 4.93E-14 | 2298 | 5.41E-14 | 2400 | 4.75E-13 | 2502 | 5.68E-13 | 2604 | 1.07E-12 | 2706 | 3.06E-12 | 2808 | 2.37E-12 | 2910 | 1.36E-11 | 3012 | 1.00E-11 | 3114 | 2.56E-11 |
| 1994 | 1.03E-13 | 2096 | -3.26E-13 | 2198 | -2.57E-13 | 2300 | -1.89E-13 | 2402 | 3.12E-13 | 2504 | 8.00E-13 | 2606 | 1.24E-12 | 2708 | 3.15E-12 | 2810 | 2.54E-12 | 2912 | 1.34E-11 | 3014 | 1.03E-11 | 3116 | 2.42E-11 |
| 1996 | 5.33E-13 | 2098 | 2.30E-13 | 2200 | -2.01E-13 | 2302 | 2.13E-13 | 2404 | 2.96E-13 | 2506 | 5.18E-13 | 2608 | 1.35E-12 | 2710 | 3.16E-12 | 2812 | 2.83E-12 | 2914 | 1.36E-11 | 3016 | 1.02E-11 | 3118 | 2.26E-11 |
| 1998 | -5.41E-13 | 2100 | -2.75E-13 | 2202 | 2.09E-13 | 2304 | 8.66E-14 | 2406 | 1.23E-13 | 2508 | 4.38E-13 | 2610 | 1.14E-12 | 2712 | 3.18E-12 | 2814 | 3.10E-12 | 2916 | 1.36E-11 | 3018 | 9.47E-12 | 3120 | 2.09E-11 |
| 2000 | 2.55E-13 | 2102 | 1.44E-13 | 2204 | 4.25E-13 | 2306 | -1.36E-13 | 2408 | 3.76E-13 | 2510 | 5.13E-13 | 2612 | 1.01E-12 | 2714 | 3.27E-12 | 2816 | 3.42E-12 | 2918 | 1.34E-11 | 3020 | 8.25E-12 | 3122 | 2.02E-11 |
| 2002 | 1.88E-13 | 2104 | 2.09E-13 | 2206 | 1.90E-13 | 2308 | 5.59E-14 | 2410 | 4.86E-13 | 2512 | 5.41E-13 | 2614 | 1.01E-12 | 2716 | 3.21E-12 | 2818 | 3.95E-12 | 2920 | 1.34E-11 | 3022 | 7.69E-12 | 3124 | 2.05E-11 |
| 2004 | 4.45E-13 | 2106 | -3.99E-13 | 2208 | 3.25E-15 | 2310 | 3.30E-13 | 2412 | 4.28E-13 | 2514 | 4.47E-13 | 2616 | 9.47E-13 | 2718 | 2.86E-12 | 2820 | 4.34E-12 | 2922 | 1.35E-11 | 3024 | 8.49E-12 | 3126 | 2.06E-11 |
| 2006 | 5.27E-13 | 2108 | -6.47E-13 | 2210 | 3.51E-13 | 2312 | 6.43E-14 | 2414 | 2.99E-13 | 2516 | 5.16E-13 | 2618 | 1.02E-12 | 2720 | 2.49E-12 | 2822 | 4.63E-12 | 2924 | 1.35E-11 | 3026 | 1.01E-11 | 3128 | 2.13E-11 |
| 2008 | -1.51E-12 | 2110 | -3.06E-13 | 2212 | -4.54E-13 | 2314 | 4.76E-14 | 2416 | 3.16E-13 | 2518 | 5.41E-13 | 2620 | 1.14E-12 | 2722 | 2.22E-12 | 2824 | 4.74E-12 | 2926 | 1.29E-11 | 3028 | 1.20E-11 | 3130 | 2.16E-11 |
| 2010 | -8.99E-13 | 2112 | 5.00E-13 | 2214 | -5.78E-13 | 2316 | -5.56E-14 | 2418 | 4.37E-13 | 2520 | 4.05E-13 | 2622 | 1.20E-12 | 2724 | 2.23E-12 | 2826 | 4.73E-12 | 2928 | 1.23E-11 | 3030 | 1.43E-11 | 3132 | 2.18E-11 |
| 2012 | -4.24E-13 | 2114 | -3.33E-14 | 2216 | -4.24E-14 | 2318 | 3.62E-13 | 2420 | 3.68E-13 | 2522 | 4.27E-13 | 2624 | 1.33E-12 | 2726 | 2.42E-12 | 2828 | 4.81E-12 | 2930 | 1.25E-11 | 3032 | 1.61E-11 | 3134 | 2.18E-11 |
| 2014 | 1.21E-12 | 2116 | 1.00E-12 | 2218 | 1.27E-13 | 2320 | 2.60E-14 | 2422 | 2.53E-13 | 2524 | 3.88E-13 | 2626 | 1.42E-12 | 2728 | 2.67E-12 | 2830 | 4.83E-12 | 2932 | 1.34E-11 | 3034 | 1.68E-11 | 3136 | 2.22E-11 |
| 2016 | 9.99E-13 | 2118 | 3.80E-13 | 2220 | -3.22E-13 | 2322 | -1.62E-13 | 2424 | 2.65E-13 | 2526 | 5.19E-13 | 2628 | 1.33E-12 | 2730 | 2.98E-12 | 2832 | 4.83E-12 | 2934 | 1.43E-11 | 3036 | 1.69E-11 | 3138 | 2.33E-11 |
| 2018 | -8.99E-13 | 2120 | -2.53E-16 | 2222 | 4.08E-14 | 2324 | 4.21E-13 | 2426 | 2.55E-13 | 2528 | 5.83E-13 | 2630 | 1.37E-12 | 2732 | 3.28E-12 | 2834 | 5.07E-12 | 2936 | 1.43E-11 | 3038 | 1.61E-11 | 3140 | 2.44E-11 |
| 2020 | -8.67E-13 | 2122 | 1.54E-12 | 2224 | 5.81E-13 | 2326 | 4.74E-13 | 2428 | 3.23E-13 | 2530 | 3.84E-13 | 2632 | 1.38E-12 | 2734 | 3.45E-12 | 2836 | 4.94E-12 | 2938 | 1.33E-11 | 3040 | 1.51E-11 | 3142 | 2.39E-11 |
| 2022 | 2.32E-13 | 2124 | -1.52E-13 | 2226 | 1.54E-13 | 2328 | 2.14E-13 | 2430 | 2.35E-13 | 2532 | 4.24E-13 | 2634 | 1.52E-12 | 2736 | 3.34E-12 | 2838 | 4.80E-12 | 2940 | 1.21E-11 | 3042 | 1.48E-11 | 3144 | 2.24E-11 |
| 2024 | 4.19E-13 | 2126 | 8.56E-13 | 2228 | -1.36E-13 | 2330 | 2.04E-13 | 2432 | 2.90E-13 | 2534 | 7.22E-13 | 2636 | 1.57E-12 | 2738 | 3.02E-12 | 2840 | 4.66E-12 | 2942 | 1.18E-11 | 3044 | 1.53E-11 | 3146 | 2.13E-11 |
| 2026 | 2.55E-14 | 2128 | 1.75E-12 | 2230 | 2.38E-13 | 2332 | 9.05E-15 | 2434 | 4.03E-13 | 2536 | 6.43E-13 | 2638 | 1.82E-12 | 2740 | 2.53E-12 | 2842 | 4.51E-12 | 2944 | 1.22E-11 | 3046 | 1.58E-11 | 3148 | 2.17E-11 |
| 2028 | -5.34E-13 | 2130 | 4.50E-13 | 2232 | 3.61E-13 | 2334 | 2.01E-13 | 2436 | 1.63E-13 | 2538 | 6.41E-13 | 2640 | 2.38E-12 | 2742 | 2.23E-12 | 2844 | 4.09E-12 | 2946 | 1.25E-11 | 3048 | 1.58E-11 | 3150 | 2.31E-11 |
| 2030 | 3.00E-13 | 2132 | -3.74E-13 | 2234 | -2.21E-13 | 2336 | 5.64E-13 | 2438 | 4.76E-13 | 2540 | 7.56E-13 | 2642 | 2.80E-12 | 2744 | 2.14E-12 | 2846 | 3.69E-12 | 2948 | 1.22E-11 | 3050 | 1.62E-11 | 3152 | 2.45E-11 |
| 2032 | 4.12E-14 | 2134 | -5.72E-13 | 2236 | -4.53E-15 | 2338 | 6.35E-13 | 2440 | 5.07E-13 | 2542 | 8.16E-13 | 2644 | 2.83E-12 | 2746 | 2.15E-12 | 2848 | | 2950 | 1.18E-11 | 3052 | 1.65E-11 | 3154 | 2.45E-11 |
| 2034 | -3.16E-13 | 2136 | 2.05E-13 | 2238 | 4.20E-13 | 2340 | 4.80E-13 | 2442 | 3.14E-13 | 2544 | 7.36E-13 | 2646 | | 2748 | 2.16E-12 | 2850 | | 2952 | 1.20E-11 | 3054 | | 3156 | 2.31E-11 |
| 2036 | 3.91E-13 | 2138 | 6.33E-13 | 2240 | 2.86E-13 | 2342 | 6.83E-15 | 2444 | 2.89E-13 | 2546 | 5.64E-13 | 2648 | 2.28E-12 | 2750 | 2.28E-12 | 2852 | | 2954 | 1.24E-11 | 3056 | | 3158 | 2.11E-11 |
| 2038 | 6.43E-14 | 2140 | 2.03E-13 | 2242 | 4.42E-13 | 2344 | 1.32E-13 | 2446 | 3.99E-13 | 2548 | 7.04E-13 | 2650 | 2.29E-12 | 2752 | 2.45E-12 | 2854 | | 2956 | 1.26E-11 | 3058 | | 3160 | 1.96E-11 |
| 2040 | -8.57E-13 | 2142 | 2.61E-13 | 2244 | -1.10E-13 | 2346 | 3.91E-13 | 2448 | 3.79E-13 | 2550 | 7.77E-13 | 2652 | 2.34E-12 | 2754 | 2.73E-12 | 2856 | 1.77E-12 | 2958 | 1.27E-11 | 3060 | | 3162 | 1.93E-11 |
| 2042 | -1.66E-13 | 2144 | -7.31E-14 | 2246 | 6.03E-14 | 2348 | -1.27E-14 | 2450 | 3.57E-13 | 2552 | 6.97E-13 | 2654 | 2.46E-12 | 2756 | 2.87E-12 | 2858 | 2.16E-12 | 2960 | 1.31E-11 | 3062 | 1.23E-11 | 3164 | 2.06E-11 |
| 2044 | 4.03E-13 | 2146 | 7.41E-13 | 2248 | 5.28E-13 | 2350 | 4.52E-14 | 2452 | 4.50E-13 | 2554 | 8.63E-13 | 2656 | 2.60E-12 | 2758 | 3.00E-12 | 2860 | 2.93E-12 | 2962 | 1.37E-11 | 3064 | 1.30E-11 | 3166 | 2.31E-11 |
| 2046 | -4.05E-13 | 2148 | 1.29E-12 | 2250 | 3.66E-13 | 2352 | 2.44E-13 | 2454 | 4.36E-13 | 2556 | 9.40E-13 | 2658 | 2.80E-12 | 2760 | 3.18E-12 | 2862 | 3.55E-12 | 2964 | 1.33E-11 | 3066 | 1.39E-11 | 3168 | 2.53E-11 |
| 2048 | -4.46E-13 | 2150 | 3.01E-13 | 2252 | -2.88E-14 | 2354 | 3.60E-13 | 2456 | 3.36E-13 | 2558 | 1.06E-12 | 2660 | 3.03E-12 | 2762 | 3.52E-12 | 2864 | 4.01E-12 | 2966 | 1.16E-11 | 3068 | 1.44E-11 | 3170 | 2.77E-11 |
| 2050 | -7.29E-13 | 2152 | -4.69E-13 | 2254 | 1.30E-13 | 2356 | 2.97E-13 | 2458 | 5.32E-13 | 2560 | 1.05E-12 | 2662 | 3.17E-12 | 2764 | 3.73E-12 | 2866 | 4.60E-12 | 2968 | 9.54E-12 | 3070 | 1.52E-11 | 3172 | 3.06E-11 |
| 2052 | -2.69E-13 | 2154 | 1.19E-12 | 2256 | 5.48E-13 | 2358 | 9.86E-14 | 2460 | 5.53E-13 | 2562 | 1.03E-12 | 2664 | 3.02E-12 | 2766 | 3.71E-12 | 2868 | 5.17E-12 | 2970 | 8.53E-12 | 3072 | 1.65E-11 | 3174 | 3.24E-11 |
| 2054 | 3.23E-13 | 2156 | 3.26E-13 | 2258 | 6.30E-13 | 2360 | 2.46E-13 | 2462 | 4.72E-13 | 2564 | 1.07E-12 | 2666 | 2.81E-12 | 2768 | 3.95E-12 | 2870 | 5.54E-12 | 2972 | 8.73E-12 | 3074 | 1.73E-11 | 3176 | 3.23E-11 |
| 2056 | 2.66E-13 | 2158 | -5.26E-14 | 2260 | -2.05E-13 | 2362 | 1.06E-13 | 2464 | 3.41E-13 | 2566 | 9.48E-13 | 2668 | 2.69E-12 | 2770 | 4.07E-12 | 2872 | 6.05E-12 | 2974 | 9.78E-12 | 3076 | 1.78E-11 | 3178 | 3.05E-11 |
| 2058 | 4.85E-13 | 2160 | 7.69E-13 | 2262 | -1.66E-13 | 2364 | -1.83E-13 | 2466 | 3.54E-13 | 2568 | 9.39E-13 | 2670 | 2.64E-12 | 2772 | 4.05E-12 | 2874 | 6.49E-12 | 2976 | 1.13E-11 | 3078 | 1.85E-11 | 3180 | 2.79E-11 |
| 2060 | 3.80E-14 | 2162 | -1.55E-14 | 2264 | 2.53E-13 | 2366 | 1.38E-13 | 2468 | 2.75E-13 | 2570 | 9.08E-13 | 2672 | 2.78E-12 | 2774 | 4.14E-12 | 2876 | 6.63E-12 | 2978 | 1.29E-11 | 3080 | 1.87E-11 | 3182 | 2.52E-11 |
| 2062 | -1.01E-12 | 2164 | -5.51E-13 | 2266 | 1.14E-13 | 2368 | 3.79E-13 | 2470 | 4.05E-13 | 2572 | 9.63E-13 | 2674 | 2.81E-12 | 2776 | 4.16E-12 | 2878 | 6.35E-12 | 2980 | 1.34E-11 | 3082 | 1.88E-11 | 3184 | 2.44E-11 |
| 2064 | -9.70E-13 | 2166 | -5.64E-13 | 2268 | -1.54E-13 | 2370 | 1.80E-13 | 2472 | 4.06E-13 | 2574 | 1.13E-12 | 2676 | 2.72E-12 | 2778 | 4.03E-12 | 2880 | 5.74E-12 | 2982 | 1.15E-11 | 3084 | 1.88E-11 | 3186 | 2.47E-11 |
| 2066 | 2.45E-13 | 2168 | -6.59E-13 | 2270 | 5.35E-14 | 2372 | 1.70E-13 | 2474 | 3.82E-13 | 2576 | 1.05E-12 | 2678 | 2.65E-12 | 2780 | 3.84E-12 | 2882 | 5.21E-12 | 2984 | 9.38E-12 | 3086 | 1.92E-11 | 3188 | 2.56E-11 |
| 2068 | -3.11E-13 | 2170 | -1.83E-14 | 2272 | -1.61E-13 | 2374 | 9.76E-14 | 2476 | 2.05E-13 | 2578 | 8.64E-13 | 2680 | 2.64E-12 | 2782 | 3.52E-12 | 2884 | 5.26E-12 | 2986 | 8.53E-12 | 3088 | 1.92E-11 | 3190 | 2.68E-11 |
| 2070 | -8.91E-13 | 2172 | -6.57E-14 | 2274 | 1.69E-13 | 2376 | 2.60E-14 | 2478 | 4.60E-13 | 2580 | 1.15E-12 | 2682 | 2.67E-12 | 2784 | 3.31E-12 | 2886 | 6.16E-12 | 2988 | 9.22E-12 | 3090 | 1.84E-11 | 3192 | 2.66E-11 |
| 2072 | -5.95E-13 | 2174 | -9.38E-15 | 2276 | 8.11E-13 | 2378 | -4.46E-14 | 2480 | 4.71E-13 | 2582 | 1.13E-12 | 2684 | 2.69E-12 | 2786 | 3.14E-12 | 2888 | 7.61E-12 | 2990 | 1.05E-11 | 3092 | 1.65E-11 | 3194 | 2.58E-11 |
| 2074 | -2.10E-13 | 2176 | 4.55E-13 | 2278 | 1.95E-13 | 2380 | 2.28E-13 | 2482 | 2.64E-13 | 2584 | 1.18E-12 | 2686 | 2.69E-12 | 2788 | 2.94E-12 | 2890 | 8.25E-12 | 2992 | 1.12E-11 | 3094 | 1.53E-11 | 3196 | 2.62E-11 |
| 2076 | 1.55E-12 | 2178 | 4.97E-13 | 2280 | -1.62E-13 | 2382 | 2.93E-13 | 2484 | 3.50E-13 | 2586 | 1.25E-12 | 2688 | 2.70E-12 | 2790 | 2.65E-12 | 2892 | 8.60E-12 | 2994 | 1.09E-11 | 3096 | 1.50E-11 | 3198 | 2.73E-11 |


HD 180711 G9 III
V=3.07 (B-V)=1.00 E(B-V)=0.02
LAP: LWP 12659
FLUX ($10^{-11}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 10780 K0 V V=5.63 (B-V)=0.81 E(B-V)=0.00**

**LAP: LWP 9652, LWP 9653, LWP 11177**

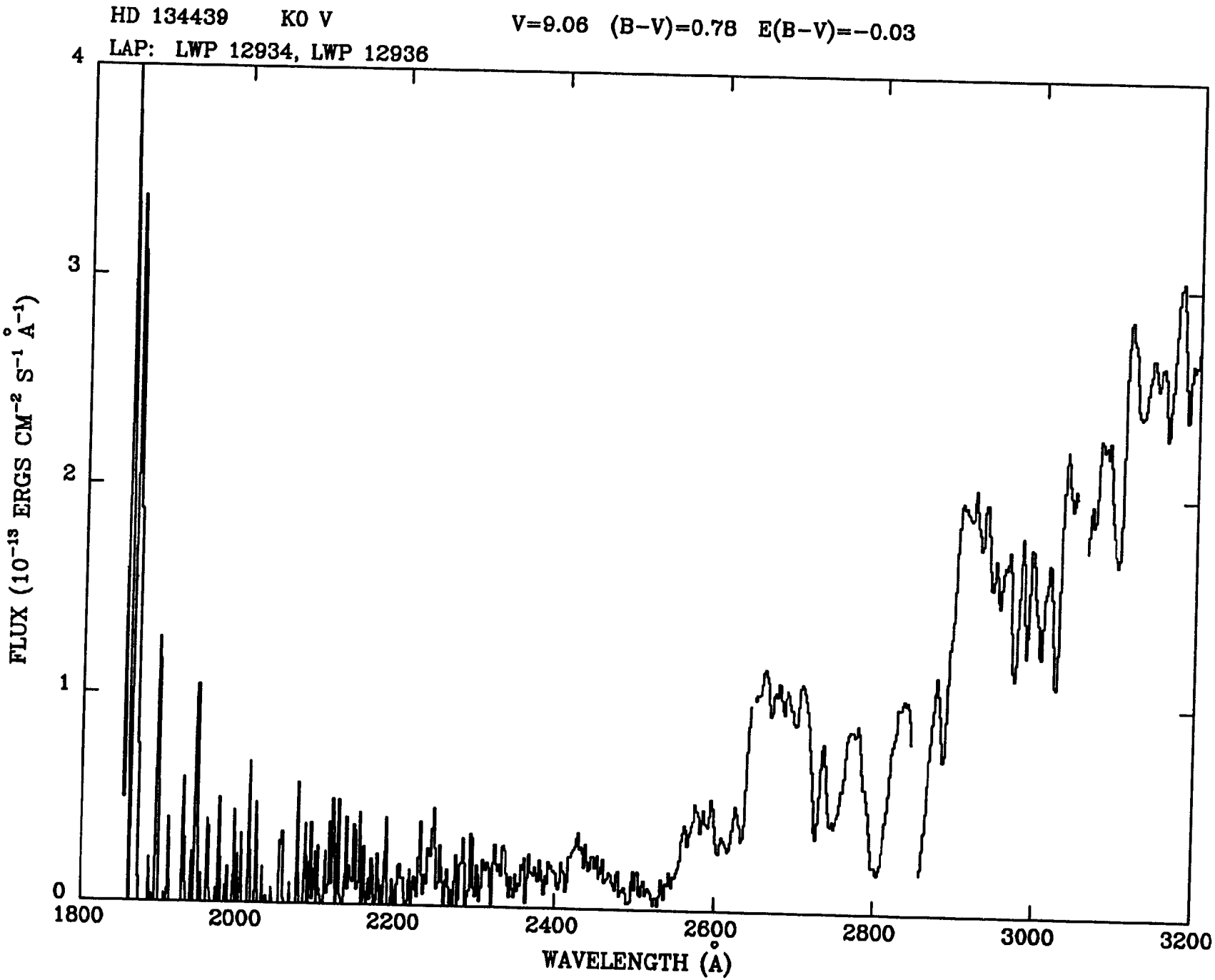
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.11E-13 | 2078 | 5.42E-13 | 2180 | -8.69E-14 | 2282 | 1.74E-13 | 2384 | 1.65E-13 | 2486 | 2.03E-13 | 2588 | 4.80E-13 | 2690 | 1.03E-12 | 2792 | 8.02E-13 | 2894 | 2.57E-12 | 2996 | 2.53E-12 | 3098 | 3.26E-12 |
| 1978 | 2.28E-13 | 2080 | 2.89E-13 | 2182 | -4.37E-14 | 2284 | 2.13E-13 | 2386 | 1.34E-13 | 2488 | 2.30E-13 | 2590 | 5.12E-13 | 2692 | 1.02E-12 | 2794 | 7.95E-13 | 2896 | 2.82E-12 | 2998 | 2.40E-12 | 3100 | 3.33E-12 |
| 1980 | -1.61E-13 | 2082 | 8.29E-14 | 2184 | 1.46E-13 | 2286 | 2.27E-13 | 2388 | 2.43E-13 | 2490 | 1.97E-13 | 2592 | 5.61E-13 | 2694 | 1.04E-12 | 2796 | 8.22E-13 | 2898 | 3.17E-12 | 3000 | 2.19E-12 | 3102 | 3.67E-12 |
| 1982 | 3.65E-13 | 2084 | 4.72E-14 | 2186 | 1.80E-13 | 2288 | 6.98E-14 | 2390 | 2.66E-13 | 2492 | 1.11E-13 | 2594 | 5.42E-13 | 2696 | 1.09E-12 | 2798 | 8.25E-13 | 2900 | 3.48E-12 | 3002 | 2.02E-12 | 3104 | 4.30E-12 |
| 1984 | 5.37E-13 | 2086 | 6.30E-14 | 2188 | 2.79E-13 | 2290 | 1.90E-14 | 2392 | 1.96E-13 | 2494 | 1.40E-13 | 2596 | 5.21E-13 | 2698 | 1.08E-12 | 2800 | 7.91E-13 | 2902 | | 3004 | 1.99E-12 | 3106 | 5.10E-12 |
| 1986 | -1.46E-13 | 2088 | -1.85E-16 | 2190 | 9.96E-14 | 2292 | 9.44E-14 | 2394 | 1.89E-13 | 2496 | 2.14E-13 | 2598 | 4.96E-13 | 2700 | 1.13E-12 | 2802 | 7.26E-13 | 2904 | | 3006 | 2.10E-12 | 3108 | 5.67E-12 |
| 1988 | -8.62E-14 | 2090 | -1.52E-14 | 2192 | -1.17E-13 | 2294 | 2.54E-13 | 2396 | 1.75E-13 | 2498 | 2.50E-13 | 2600 | 4.47E-13 | 2702 | 1.19E-12 | 2804 | 7.23E-13 | 2906 | | 3008 | 2.20E-12 | 3110 | 5.91E-12 |
| 1990 | 1.47E-14 | 2092 | 3.93E-13 | 2194 | 6.85E-14 | 2296 | 3.86E-13 | 2398 | 1.94E-13 | 2500 | 2.38E-13 | 2602 | 4.20E-13 | 2704 | 1.23E-12 | 2806 | 7.88E-13 | 2908 | | 3010 | 2.35E-12 | 3112 | 5.79E-12 |
| 1992 | -1.86E-13 | 2094 | 2.87E-13 | 2196 | 3.25E-14 | 2298 | 2.53E-13 | 2400 | 2.06E-13 | 2502 | 2.99E-13 | 2604 | 4.57E-13 | 2706 | 1.23E-12 | 2808 | 8.41E-13 | 2910 | | 3012 | 2.51E-12 | 3114 | 5.57E-12 |
| 1994 | -6.48E-14 | 2096 | -1.22E-13 | 2198 | 7.49E-14 | 2300 | 1.71E-13 | 2402 | 2.39E-13 | 2504 | 3.15E-13 | 2606 | 4.84E-13 | 2708 | 1.21E-12 | 2810 | 9.08E-13 | 2912 | | 3014 | 2.53E-12 | 3116 | 5.31E-12 |
| 1996 | 2.09E-13 | 2098 | 8.97E-14 | 2200 | 1.78E-13 | 2302 | 2.33E-13 | 2404 | 2.57E-13 | 2506 | 2.21E-13 | 2608 | 4.76E-13 | 2710 | 1.14E-12 | 2812 | 1.00E-12 | 2914 | | 3016 | 2.36E-12 | 3118 | 4.98E-12 |
| 1998 | -6.72E-14 | 2100 | 1.35E-13 | 2202 | 7.78E-14 | 2304 | 2.33E-13 | 2406 | 1.70E-13 | 2508 | 1.89E-13 | 2610 | 4.61E-13 | 2712 | 1.12E-12 | 2814 | 1.11E-12 | 2916 | | 3018 | 2.13E-12 | 3120 | 4.84E-12 |
| 2000 | 1.18E-13 | 2102 | 2.32E-13 | 2204 | 2.45E-13 | 2306 | 1.47E-15 | 2408 | 2.60E-13 | 2510 | 2.43E-13 | 2612 | 4.64E-13 | 2714 | 1.14E-12 | 2816 | 1.21E-12 | 2918 | | 3020 | 1.94E-12 | 3122 | 4.83E-12 |
| 2002 | -6.94E-14 | 2104 | 3.66E-13 | 2206 | 2.14E-13 | 2308 | 4.97E-14 | 2410 | 2.91E-13 | 2512 | 2.63E-13 | 2614 | 4.55E-13 | 2716 | 1.07E-12 | 2818 | 1.33E-12 | 2920 | 3.30E-12 | 3022 | 1.96E-12 | 3124 | 4.92E-12 |
| 2004 | -2.64E-13 | 2106 | 1.16E-13 | 2208 | 3.52E-14 | 2310 | 2.74E-13 | 2412 | 2.44E-13 | 2514 | 2.17E-13 | 2616 | 4.41E-13 | 2718 | 9.19E-13 | 2820 | 1.41E-12 | 2922 | 3.26E-12 | 3024 | 2.21E-12 | 3126 | 4.95E-12 |
| 2006 | 6.77E-14 | 2108 | -8.40E-14 | 2210 | 1.05E-13 | 2312 | 2.16E-13 | 2414 | 9.59E-14 | 2516 | 2.15E-13 | 2618 | 4.66E-13 | 2720 | 7.82E-13 | 2822 | 1.45E-12 | 2924 | 3.21E-12 | 3026 | 2.71E-12 | 3128 | 5.08E-12 |
| 2008 | -3.21E-13 | 2110 | 5.29E-14 | 2212 | -3.06E-14 | 2314 | 1.99E-13 | 2416 | 8.46E-14 | 2518 | 2.38E-13 | 2620 | 5.12E-13 | 2722 | 7.23E-13 | 2824 | 1.50E-12 | 2926 | 3.12E-12 | 3028 | 3.25E-12 | 3130 | 5.17E-12 |
| 2010 | -1.99E-13 | 2112 | 2.74E-13 | 2214 | 4.20E-14 | 2316 | 2.14E-13 | 2418 | 2.05E-13 | 2520 | 2.15E-13 | 2622 | 5.46E-13 | 2724 | 7.23E-13 | 2826 | 1.54E-12 | 2928 | 3.12E-12 | 3030 | 3.83E-12 | 3132 | 5.17E-12 |
| 2012 | -1.81E-14 | 2114 | 8.45E-14 | 2216 | 2.43E-13 | 2318 | 2.66E-13 | 2420 | 2.15E-13 | 2522 | 1.77E-13 | 2624 | 5.63E-13 | 2726 | 7.81E-13 | 2828 | 1.55E-12 | 2930 | | 3032 | 4.21E-12 | 3134 | 5.13E-12 |
| 2014 | 2.61E-13 | 2116 | 2.74E-13 | 2218 | 2.19E-13 | 2320 | 1.39E-13 | 2422 | 1.88E-13 | 2524 | 1.50E-13 | 2626 | 5.77E-13 | 2728 | 8.92E-13 | 2830 | 1.58E-12 | 2932 | | 3034 | 4.21E-12 | 3136 | 5.25E-12 |
| 2016 | 2.33E-13 | 2118 | 1.73E-13 | 2220 | 1.74E-13 | 2322 | 1.60E-13 | 2424 | 1.88E-13 | 2526 | 1.70E-13 | 2628 | 5.51E-13 | 2730 | 1.02E-12 | 2832 | 1.60E-12 | 2934 | 3.30E-12 | 3036 | 4.07E-12 | 3138 | 5.38E-12 |
| 2018 | -3.08E-13 | 2120 | 9.50E-14 | 2222 | 2.09E-13 | 2324 | 3.27E-13 | 2426 | 1.98E-13 | 2528 | 1.89E-13 | 2630 | 5.61E-13 | 2732 | 1.10E-12 | 2834 | 1.66E-12 | 2936 | 3.12E-12 | 3038 | 3.72E-12 | 3140 | 5.48E-12 |
| 2020 | -3.20E-13 | 2122 | 5.93E-13 | 2224 | 2.32E-13 | 2326 | 3.41E-13 | 2428 | 2.98E-13 | 2530 | 1.58E-13 | 2632 | 5.58E-13 | 2734 | 1.05E-12 | 2836 | 1.63E-12 | 2938 | 2.76E-12 | 3040 | 3.45E-12 | 3142 | 5.35E-12 |
| 2022 | -6.72E-14 | 2124 | 5.15E-14 | 2226 | 1.79E-13 | 2328 | 2.93E-13 | 2430 | 3.09E-13 | 2532 | 2.10E-13 | 2634 | 6.10E-13 | 2736 | 9.62E-13 | 2838 | 1.58E-12 | 2940 | 2.63E-12 | 3042 | 3.47E-12 | 3144 | 5.08E-12 |
| 2024 | 4.52E-14 | 2126 | -4.75E-14 | 2228 | 1.76E-13 | 2330 | 2.14E-13 | 2432 | 2.46E-13 | 2534 | 2.91E-13 | 2636 | 7.20E-13 | 2738 | 8.43E-13 | 2840 | 1.59E-12 | 2942 | 2.69E-12 | 3044 | 3.66E-12 | 3146 | 4.99E-12 |
| 2026 | -4.30E-14 | 2128 | 3.64E-13 | 2230 | 3.42E-13 | 2332 | 1.45E-13 | 2434 | 2.40E-13 | 2536 | 2.13E-13 | 2638 | 8.97E-13 | 2740 | 7.39E-13 | 2842 | 1.48E-12 | 2944 | 2.94E-12 | 3046 | 3.71E-12 | 3148 | 5.12E-12 |
| 2028 | -9.25E-14 | 2130 | 1.96E-13 | 2232 | 3.80E-13 | 2334 | 2.59E-13 | 2436 | 1.42E-13 | 2538 | 1.73E-13 | 2640 | 9.98E-13 | 2742 | 6.79E-13 | 2844 | 1.26E-12 | 2946 | 2.93E-12 | 3048 | 3.70E-12 | 3150 | 5.27E-12 |
| 2030 | 8.10E-14 | 2132 | -1.01E-13 | 2234 | 9.34E-14 | 2336 | 4.42E-13 | 2438 | 2.60E-13 | 2540 | 2.31E-13 | 2642 | 1.06E-12 | 2744 | 6.58E-13 | 2846 | 1.09E-12 | 2948 | 2.80E-12 | 3050 | 3.67E-12 | 3152 | 5.28E-12 |
| 2032 | 1.57E-13 | 2134 | -1.09E-13 | 2236 | 2.05E-13 | 2338 | 4.19E-13 | 2440 | 3.12E-13 | 2542 | 2.71E-13 | 2644 | 1.09E-12 | 2746 | 7.01E-13 | 2848 | | 2950 | 2.92E-12 | 3052 | | 3154 | 5.10E-12 |
| 2034 | -2.82E-14 | 2136 | -2.30E-14 | 2238 | 2.54E-13 | 2340 | 2.06E-13 | 2442 | 2.73E-13 | 2544 | 2.98E-13 | 2646 | 1.06E-12 | 2748 | 7.28E-13 | 2850 | | 2952 | 3.11E-12 | 3054 | | 3156 | 4.69E-12 |
| 2036 | 2.34E-13 | 2138 | 9.62E-14 | 2240 | 3.16E-13 | 2342 | 8.50E-14 | 2444 | 1.88E-13 | 2546 | 2.41E-13 | 2648 | 8.85E-13 | 2750 | 7.69E-13 | 2852 | | 2954 | 3.10E-12 | 3056 | | 3158 | 4.34E-12 |
| 2038 | 1.11E-13 | 2140 | -4.97E-14 | 2242 | 2.94E-13 | 2344 | 1.57E-13 | 2446 | 2.41E-13 | 2548 | 2.42E-13 | 2650 | 8.26E-13 | 2752 | 8.15E-13 | 2854 | | 2956 | 3.01E-12 | 3058 | | 3160 | 4.31E-12 |
| 2040 | -2.23E-13 | 2142 | 4.78E-14 | 2244 | 1.43E-13 | 2346 | 1.61E-13 | 2448 | 2.29E-13 | 2550 | 2.87E-13 | 2652 | 9.22E-13 | 2754 | 8.79E-13 | 2856 | 6.63E-13 | 2958 | 3.14E-12 | 3060 | | 3162 | 4.52E-12 |
| 2042 | -2.24E-14 | 2144 | 5.95E-14 | 2246 | 1.80E-13 | 2348 | 9.51E-14 | 2450 | 1.77E-13 | 2552 | 2.91E-13 | 2654 | 1.03E-12 | 2756 | 9.18E-13 | 2858 | 7.99E-13 | 2960 | 3.35E-12 | 3062 | 3.39E-12 | 3164 | 4.87E-12 |
| 2044 | 2.14E-13 | 2146 | 1.07E-13 | 2248 | 3.91E-13 | 2350 | 2.07E-13 | 2452 | 2.33E-13 | 2554 | 2.92E-13 | 2656 | 1.09E-12 | 2758 | 1.01E-12 | 2860 | 1.04E-12 | 2962 | 3.32E-12 | 3064 | 3.50E-12 | 3166 | 5.25E-12 |
| 2046 | -3.90E-14 | 2148 | 1.80E-13 | 2250 | 3.59E-13 | 2352 | 3.21E-13 | 2454 | 2.68E-13 | 2556 | 3.11E-13 | 2658 | 1.11E-12 | 2760 | 1.12E-12 | 2862 | 1.22E-12 | 2964 | 2.95E-12 | 3066 | 3.56E-12 | 3168 | 5.59E-12 |
| 2048 | 1.28E-13 | 2150 | 1.24E-13 | 2252 | 1.95E-13 | 2354 | 1.47E-13 | 2456 | 2.12E-13 | 2558 | 3.62E-13 | 2660 | 1.12E-12 | 2762 | 1.19E-12 | 2864 | 1.31E-12 | 2966 | 2.46E-12 | 3068 | 3.78E-12 | 3170 | 6.03E-12 |
| 2050 | 1.45E-13 | 2152 | 3.92E-14 | 2254 | 2.62E-13 | 2356 | 1.35E-13 | 2458 | 1.99E-13 | 2560 | 3.84E-13 | 2662 | 1.07E-12 | 2764 | 1.26E-12 | 2866 | 1.44E-12 | 2968 | 2.14E-12 | 3070 | 4.06E-12 | 3172 | 6.37E-12 |
| 2052 | 1.06E-13 | 2154 | 1.60E-13 | 2256 | 3.43E-13 | 2358 | 2.01E-13 | 2460 | 2.08E-13 | 2562 | 3.77E-13 | 2664 | 1.06E-12 | 2766 | 1.32E-12 | 2868 | 1.61E-12 | 2970 | 2.08E-12 | 3072 | 4.23E-12 | 3174 | 6.38E-12 |
| 2054 | 1.63E-13 | 2156 | 6.85E-14 | 2258 | 3.64E-13 | 2360 | 2.30E-13 | 2462 | 1.71E-13 | 2564 | 3.90E-13 | 2666 | 1.07E-12 | 2768 | 1.34E-12 | 2870 | 1.63E-12 | 2972 | 2.24E-12 | 3074 | 4.40E-12 | 3176 | 6.05E-12 |
| 2056 | 3.30E-13 | 2158 | -2.98E-14 | 2260 | 2.38E-13 | 2362 | 1.87E-13 | 2464 | 1.58E-13 | 2566 | 3.85E-13 | 2668 | 1.04E-12 | 2770 | 1.30E-12 | 2872 | 1.76E-12 | 2974 | 2.55E-12 | 3076 | 4.44E-12 | 3178 | 5.52E-12 |
| 2058 | 5.65E-13 | 2160 | 2.50E-13 | 2262 | 1.61E-13 | 2364 | 1.40E-13 | 2466 | 1.98E-13 | 2568 | 4.42E-13 | 2670 | 1.03E-12 | 2772 | 1.32E-12 | 2874 | 1.81E-12 | 2976 | 3.05E-12 | 3078 | 4.39E-12 | 3180 | 4.97E-12 |
| 2060 | 4.45E-13 | 2162 | 4.36E-14 | 2264 | 1.83E-13 | 2366 | 2.17E-13 | 2468 | 2.08E-13 | 2570 | 4.70E-13 | 2672 | 1.06E-12 | 2774 | 1.34E-12 | 2876 | 1.77E-12 | 2978 | 3.29E-12 | 3080 | 4.27E-12 | 3182 | 4.68E-12 |
| 2062 | 1.60E-13 | 2164 | -1.02E-13 | 2266 | 2.78E-13 | 2368 | 2.15E-13 | 2470 | 2.93E-13 | 2572 | 4.87E-13 | 2674 | 1.09E-12 | 2776 | 1.30E-12 | 2878 | 1.66E-12 | 2980 | 3.01E-12 | 3082 | 4.23E-12 | 3184 | 4.81E-12 |
| 2064 | -7.81E-14 | 2166 | 3.67E-14 | 2268 | 1.77E-13 | 2370 | 1.54E-13 | 2472 | 2.03E-13 | 2574 | 5.23E-13 | 2676 | 1.08E-12 | 2778 | 1.19E-12 | 2880 | 1.46E-12 | 2982 | 2.48E-12 | 3084 | 4.25E-12 | 3186 | 5.05E-12 |
| 2066 | 1.67E-13 | 2168 | -1.60E-13 | 2270 | 6.06E-14 | 2372 | 1.89E-13 | 2474 | 1.89E-13 | 2576 | 5.04E-13 | 2678 | 1.11E-12 | 2780 | 1.06E-12 | 2882 | 1.35E-12 | 2984 | 2.10E-12 | 3086 | 4.20E-12 | 3188 | 5.22E-12 |
| 2068 | -9.39E-14 | 2170 | 1.20E-13 | 2272 | 1.16E-13 | 2374 | 1.79E-13 | 2476 | 1.71E-13 | 2578 | 4.86E-13 | 2680 | 1.09E-12 | 2782 | 9.55E-13 | 2884 | 1.46E-12 | 2986 | 2.21E-12 | 3088 | 4.01E-12 | 3190 | 5.30E-12 |
| 2070 | -1.73E-13 | 2172 | 1.79E-13 | 2274 | 2.12E-13 | 2376 | 1.99E-13 | 2478 | 2.62E-13 | 2580 | 5.48E-13 | 2682 | 1.05E-12 | 2784 | 9.36E-13 | 2886 | 1.74E-12 | 2988 | 2.49E-12 | 3090 | 3.76E-12 | 3192 | 5.17E-12 |
| 2072 | -1.45E-14 | 2174 | 2.87E-14 | 2276 | 3.22E-13 | 2378 | 1.39E-13 | 2480 | 2.33E-13 | 2582 | 5.31E-13 | 2684 | 1.03E-12 | 2786 | 9.29E-13 | 2888 | 2.07E-12 | 2990 | 2.86E-12 | 3092 | 3.33E-12 | 3194 | 5.12E-12 |
| 2074 | 6.77E-14 | 2176 | 1.43E-13 | 2278 | 1.84E-13 | 2380 | 6.67E-14 | 2482 | 1.39E-13 | 2584 | 5.35E-13 | 2686 | 1.05E-12 | 2788 | 9.35E-13 | 2890 | 2.24E-12 | 2992 | 2.95E-12 | 3094 | 3.14E-12 | 3196 | 5.34E-12 |
| 2076 | 4.02E-13 | 2178 | 2.38E-13 | 2280 | 6.89E-14 | 2382 | 1.34E-13 | 2484 | 1.59E-13 | 2586 | 5.20E-13 | 2688 | 1.04E-12 | 2790 | 8.77E-13 | 2892 | 2.42E-12 | 2994 | 2.71E-12 | 3096 | 3.29E-12 | 3198 | 5.66E-12 |


HD 10780 K0 V V=5.63 (B−V)=0.81 E(B−V)=0.00
LAP: LWP 9652, LWP 9653, LWP 11177
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 134439 K0 V V=9.06 (B-V)=0.78 E(B-V)=-0.03**

**LAP: LWP 12934, LWP 12936**

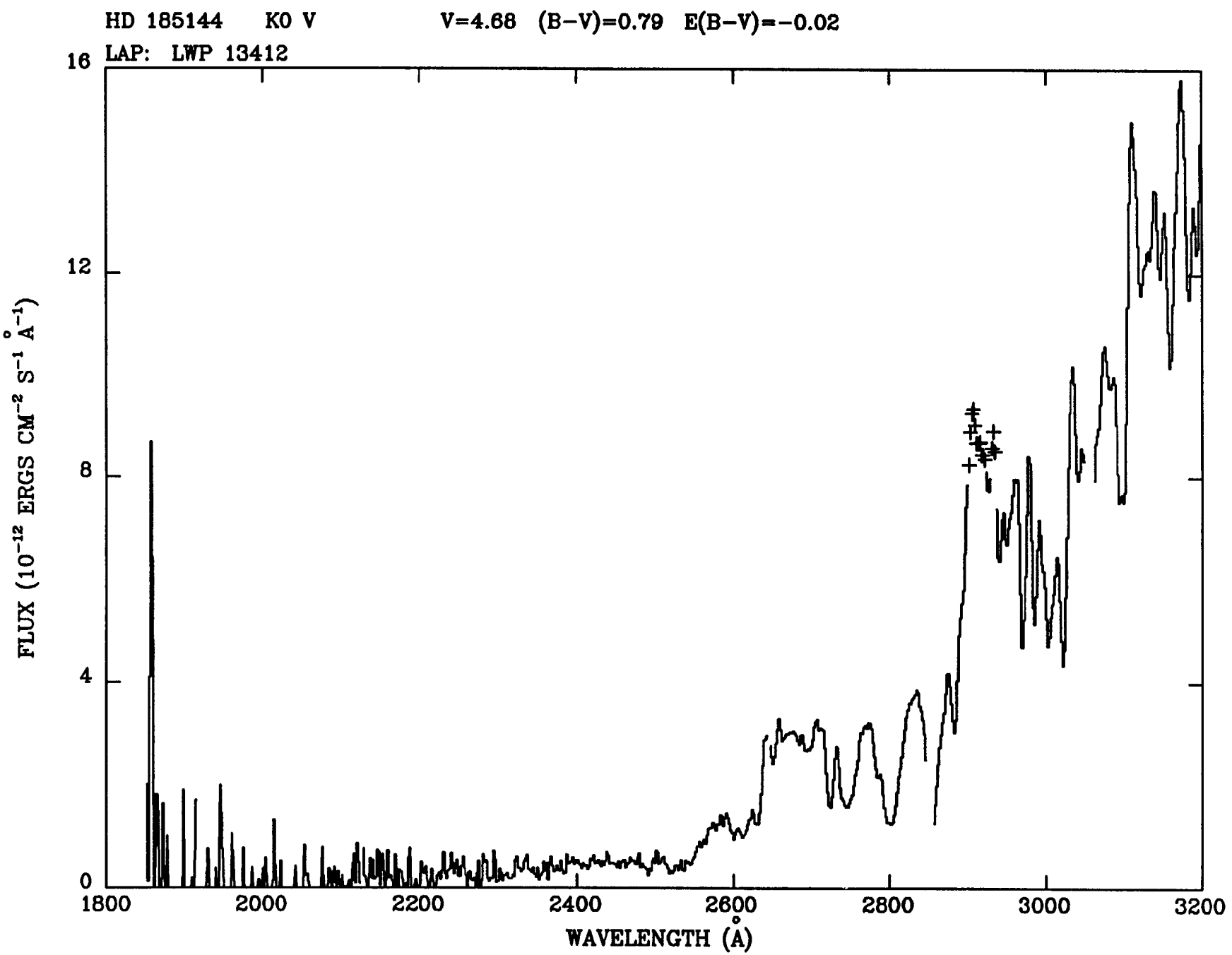
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.28E-14 | 2078 | 1.12E-15 | 2180 | 1.52E-16 | 2282 | 2.03E-14 | 2384 | 1.20E-14 | 2486 | 9.76E-15 | 2588 | 4.16E-14 | 2690 | 1.05E-13 | 2792 | 4.48E-14 | 2894 | 1.33E-13 | 2996 | 1.72E-13 | 3098 | 1.74E-13 |
| 1978 | -5.15E-15 | 2080 | -2.03E-14 | 2182 | 7.60E-15 | 2284 | 2.83E-14 | 2386 | 8.84E-15 | 2488 | 8.32E-15 | 2590 | 4.06E-14 | 2692 | 1.01E-13 | 2794 | 3.54E-14 | 2896 | 1.42E-13 | 2998 | 1.60E-13 | 3100 | 1.72E-13 |
| 1980 | -3.32E-14 | 2082 | -9.85E-15 | 2184 | 4.53E-15 | 2286 | 2.35E-14 | 2388 | 1.40E-14 | 2490 | 3.54E-15 | 2592 | 4.21E-14 | 2694 | 9.73E-14 | 2796 | 2.61E-14 | 2898 | 1.58E-13 | 3000 | 1.49E-13 | 3102 | 1.70E-13 |
| 1982 | -3.83E-15 | 2084 | 2.66E-14 | 2186 | 2.95E-14 | 2288 | 4.34E-15 | 2390 | 1.51E-14 | 2492 | 2.79E-15 | 2594 | 4.89E-14 | 2696 | 9.70E-14 | 2798 | 2.22E-14 | 2900 | 1.76E-13 | 3002 | 1.42E-13 | 3104 | 1.77E-13 |
| 1984 | -4.89E-15 | 2086 | 2.67E-14 | 2188 | 2.02E-14 | 2290 | 3.90E-15 | 2392 | 2.06E-14 | 2494 | 4.23E-15 | 2596 | 5.10E-14 | 2698 | 9.09E-14 | 2800 | 2.24E-14 | 2902 | 1.89E-13 | 3004 | 1.29E-13 | 3106 | 2.00E-13 |
| 1986 | 1.45E-14 | 2088 | -1.70E-14 | 2190 | -2.12E-14 | 2292 | 7.40E-15 | 2394 | 1.95E-14 | 2496 | 1.39E-14 | 2598 | 4.41E-14 | 2700 | 8.98E-14 | 2802 | 2.01E-14 | 2904 | 1.97E-13 | 3006 | 1.25E-13 | 3108 | 2.36E-13 |
| 1988 | 1.56E-15 | 2090 | 1.28E-14 | 2192 | -1.09E-14 | 2294 | 3.46E-14 | 2396 | 1.86E-14 | 2498 | 1.69E-14 | 2600 | 3.53E-14 | 2702 | 9.24E-14 | 2804 | 1.88E-14 | 2906 | 1.97E-13 | 3008 | 1.38E-13 | 3110 | 2.65E-13 |
| 1990 | -1.36E-15 | 2092 | 3.78E-14 | 2194 | 8.22E-15 | 2296 | 3.05E-14 | 2398 | 1.76E-14 | 2500 | 1.12E-14 | 2602 | 2.90E-14 | 2704 | 1.02E-13 | 2806 | 2.07E-14 | 2908 | 1.95E-13 | 3010 | 1.52E-13 | 3112 | 2.79E-13 |
| 1992 | -5.92E-15 | 2094 | 2.91E-15 | 2196 | 2.78E-15 | 2298 | 8.25E-15 | 2400 | 1.69E-14 | 2502 | 1.73E-14 | 2604 | 2.75E-14 | 2706 | 1.09E-13 | 2808 | 2.33E-14 | 2910 | 1.94E-13 | 3012 | 1.56E-13 | 3114 | 2.85E-13 |
| 1994 | 2.06E-14 | 2096 | 1.76E-14 | 2198 | 3.17E-15 | 2300 | 8.50E-15 | 2402 | 1.21E-14 | 2504 | 1.42E-14 | 2606 | 3.16E-14 | 2708 | 1.09E-13 | 2810 | 2.97E-14 | 2912 | 1.92E-13 | 3014 | 1.61E-13 | 3116 | 2.80E-13 |
| 1996 | 2.22E-14 | 2098 | 1.78E-14 | 2200 | 9.01E-15 | 2302 | 1.82E-14 | 2404 | 9.33E-15 | 2506 | 7.13E-15 | 2608 | 3.51E-14 | 2710 | 1.07E-13 | 2812 | 3.77E-14 | 2914 | 1.91E-13 | 3016 | 1.69E-13 | 3118 | 2.75E-13 |
| 1998 | -1.09E-14 | 2100 | -1.27E-15 | 2202 | 1.69E-14 | 2304 | 1.08E-14 | 2406 | 1.20E-14 | 2508 | 8.86E-15 | 2610 | 3.37E-14 | 2712 | 1.03E-13 | 2814 | 4.50E-14 | 2916 | 1.90E-13 | 3018 | 1.64E-13 | 3120 | 2.71E-13 |
| 2000 | 8.52E-15 | 2102 | 2.04E-14 | 2204 | 1.93E-14 | 2306 | 5.61E-15 | 2408 | 2.11E-14 | 2510 | 1.27E-14 | 2612 | 3.20E-14 | 2714 | 9.86E-14 | 2816 | 5.15E-14 | 2918 | 1.90E-13 | 3020 | 1.45E-13 | 3122 | 2.58E-13 |
| 2002 | 6.86E-15 | 2104 | 5.73E-15 | 2206 | 1.33E-14 | 2308 | 1.56E-14 | 2410 | 1.76E-14 | 2512 | 9.58E-15 | 2614 | 3.03E-14 | 2716 | 9.16E-14 | 2818 | 6.00E-14 | 2920 | 1.97E-13 | 3022 | 1.23E-13 | 3124 | 2.44E-13 |
| 2004 | 3.05E-14 | 2106 | -5.23E-15 | 2208 | 1.26E-14 | 2310 | 2.02E-14 | 2412 | 1.51E-14 | 2514 | 7.52E-15 | 2616 | 2.88E-14 | 2718 | 8.07E-14 | 2820 | 7.05E-14 | 2922 | 2.03E-13 | 3024 | 1.11E-13 | 3126 | 2.40E-13 |
| 2006 | -1.12E-14 | 2108 | -7.35E-15 | 2210 | 3.97E-15 | 2312 | 1.78E-14 | 2414 | 9.04E-15 | 2516 | 9.56E-15 | 2618 | 3.07E-14 | 2720 | 6.94E-14 | 2822 | 7.89E-14 | 2924 | 1.94E-13 | 3026 | 1.19E-13 | 3128 | 2.39E-13 |
| 2008 | -2.96E-14 | 2110 | 1.50E-14 | 2212 | -1.52E-14 | 2314 | 2.00E-14 | 2416 | 1.62E-14 | 2518 | 9.47E-15 | 2620 | 3.53E-14 | 2722 | 5.56E-14 | 2824 | 8.24E-14 | 2926 | 1.86E-13 | 3028 | 1.45E-13 | 3130 | 2.40E-13 |
| 2010 | -1.93E-14 | 2112 | 1.21E-14 | 2214 | 4.64E-15 | 2316 | 1.93E-14 | 2418 | 2.46E-14 | 2520 | 8.15E-15 | 2622 | 4.16E-14 | 2724 | 3.95E-14 | 2826 | 8.59E-14 | 2928 | 1.82E-13 | 3030 | 1.77E-13 | 3132 | 2.41E-13 |
| 2012 | 2.37E-15 | 2114 | 7.86E-15 | 2216 | 1.34E-14 | 2318 | 1.09E-14 | 2420 | 2.54E-14 | 2522 | 5.38E-15 | 2624 | 4.79E-14 | 2726 | 3.61E-14 | 2828 | 9.47E-14 | 2930 | 1.76E-13 | 3032 | 2.00E-13 | 3134 | 2.46E-13 |
| 2014 | 5.70E-14 | 2116 | 3.30E-14 | 2218 | 6.58E-15 | 2320 | 2.21E-15 | 2422 | 2.73E-14 | 2524 | 2.29E-15 | 2626 | 4.82E-14 | 2728 | 4.52E-14 | 2830 | 9.82E-14 | 2932 | 1.83E-13 | 3034 | 2.15E-13 | 3136 | 2.53E-13 |
| 2016 | 7.34E-15 | 2118 | 1.39E-14 | 2220 | -1.49E-15 | 2322 | 2.04E-14 | 2424 | 2.89E-14 | 2526 | 5.74E-15 | 2628 | 4.35E-14 | 2730 | 5.95E-14 | 2832 | 9.83E-14 | 2934 | 1.95E-13 | 3036 | 2.22E-13 | 3138 | 2.58E-13 |
| 2018 | -2.28E-14 | 2120 | 4.83E-14 | 2222 | 1.27E-14 | 2324 | 2.87E-14 | 2426 | 3.20E-14 | 2528 | 5.02E-15 | 2630 | 4.08E-14 | 2732 | 7.25E-14 | 2834 | 1.01E-13 | 2936 | 1.97E-13 | 3038 | 2.19E-13 | 3140 | 2.64E-13 |
| 2020 | -8.20E-15 | 2122 | 4.14E-14 | 2224 | 9.99E-15 | 2326 | 1.98E-14 | 2428 | 3.53E-14 | 2530 | 3.08E-15 | 2632 | 3.50E-14 | 2734 | 7.96E-14 | 2836 | 1.03E-13 | 2938 | 1.91E-13 | 3040 | 2.07E-13 | 3142 | 2.67E-13 |
| 2022 | 2.87E-14 | 2124 | -5.86E-15 | 2226 | 5.26E-15 | 2328 | 1.78E-14 | 2430 | 3.02E-14 | 2532 | 9.43E-15 | 2634 | 3.50E-14 | 2736 | 7.66E-14 | 2838 | 1.01E-13 | 2940 | 1.74E-13 | 3042 | 2.01E-13 | 3144 | 2.64E-13 |
| 2024 | 1.89E-14 | 2126 | 3.31E-14 | 2228 | 1.71E-14 | 2330 | 1.86E-14 | 2432 | 2.94E-14 | 2534 | 1.20E-14 | 2636 | 4.10E-14 | 2738 | 6.47E-14 | 2840 | 1.02E-13 | 2942 | 1.61E-13 | 3044 | 1.96E-13 | 3146 | 2.58E-13 |
| 2026 | -5.40E-15 | 2128 | 3.87E-14 | 2230 | 3.57E-14 | 2332 | 1.98E-14 | 2434 | 2.68E-14 | 2536 | 7.00E-15 | 2638 | 5.88E-14 | 2740 | 5.29E-14 | 2842 | 9.86E-14 | 2944 | 1.57E-13 | 3046 | 1.99E-13 | 3148 | 2.54E-13 |
| 2028 | -1.38E-14 | 2130 | 3.07E-15 | 2232 | 1.83E-14 | 2334 | 2.90E-14 | 2436 | 1.99E-14 | 2538 | 9.41E-15 | 2640 | 7.81E-14 | 2742 | 4.43E-14 | 2844 | 9.05E-14 | 2946 | 1.60E-13 | 3048 | 2.03E-13 | 3150 | 2.55E-13 |
| 2030 | 1.05E-14 | 2132 | -5.58E-15 | 2234 | 6.42E-15 | 2336 | 2.80E-14 | 2438 | 3.02E-14 | 2540 | 1.22E-14 | 2642 | 9.04E-14 | 2744 | 4.18E-14 | 2846 | 8.20E-14 | 2948 | 1.69E-13 | 3050 | 2.01E-13 | 3152 | 2.62E-13 |
| 2032 | -1.47E-14 | 2134 | -2.21E-15 | 2236 | 1.39E-14 | 2338 | 2.08E-14 | 2440 | 2.18E-14 | 2542 | 1.58E-14 | 2644 | 9.86E-14 | 2746 | 4.35E-14 | 2848 | | 2950 | 1.65E-13 | 3052 | | 3154 | 2.62E-13 |
| 2034 | 1.15E-15 | 2136 | 2.79E-14 | 2238 | 1.21E-14 | 2340 | 1.25E-14 | 2442 | 1.84E-14 | 2544 | 1.41E-14 | 2646 | | 2748 | 4.12E-14 | 2850 | | 2952 | 1.52E-13 | 3054 | | 3156 | 2.63E-13 |
| 2036 | 2.88E-15 | 2138 | 2.28E-14 | 2240 | 2.73E-14 | 2342 | 6.72E-15 | 2444 | 2.05E-14 | 2546 | 1.13E-14 | 2648 | 1.03E-13 | 2750 | 4.25E-14 | 2852 | | 2954 | 1.49E-13 | 3056 | | 3158 | 2.56E-13 |
| 2038 | -9.12E-15 | 2140 | 1.44E-14 | 2242 | 2.65E-14 | 2344 | 1.20E-14 | 2446 | 2.50E-14 | 2548 | 1.52E-14 | 2650 | 1.03E-13 | 2752 | 4.58E-14 | 2854 | | 2956 | 1.58E-13 | 3058 | | 3160 | 2.38E-13 |
| 2040 | -2.11E-14 | 2142 | 1.40E-14 | 2244 | 2.75E-14 | 2346 | 9.73E-15 | 2448 | 2.27E-14 | 2550 | 1.55E-14 | 2652 | 1.04E-13 | 2754 | 4.82E-14 | 2856 | 1.91E-14 | 2958 | 1.65E-13 | 3060 | | 3162 | 2.30E-13 |
| 2042 | 6.51E-15 | 2144 | 1.10E-14 | 2246 | 4.02E-14 | 2348 | 5.37E-15 | 2450 | 1.93E-14 | 2552 | 1.81E-14 | 2654 | 1.04E-13 | 2756 | 5.35E-14 | 2858 | 2.10E-14 | 2960 | 1.67E-13 | 3062 | 1.75E-13 | 3164 | 2.36E-13 |
| 2044 | -3.78E-15 | 2146 | 3.39E-14 | 2248 | 3.81E-14 | 2350 | 1.52E-14 | 2452 | 2.26E-14 | 2554 | 2.04E-14 | 2656 | 1.08E-13 | 2758 | 5.86E-14 | 2860 | 2.89E-14 | 2962 | 1.68E-13 | 3064 | 1.82E-13 | 3166 | 2.48E-13 |
| 2046 | -2.16E-14 | 2148 | 3.55E-14 | 2250 | 1.78E-14 | 2352 | 7.91E-15 | 2454 | 1.90E-14 | 2556 | 2.52E-14 | 2658 | 1.14E-13 | 2760 | 6.05E-14 | 2862 | 3.78E-14 | 2964 | 1.72E-13 | 3066 | 1.93E-13 | 3168 | 2.60E-13 |
| 2048 | -1.54E-14 | 2150 | 8.82E-15 | 2252 | 9.69E-15 | 2354 | 1.13E-14 | 2456 | 1.61E-14 | 2558 | 3.42E-14 | 2660 | 1.16E-13 | 2762 | 6.84E-14 | 2864 | 4.75E-14 | 2966 | 1.71E-13 | 3068 | 1.97E-13 | 3170 | 2.74E-13 |
| 2050 | -1.53E-14 | 2152 | 1.38E-14 | 2254 | 2.17E-14 | 2356 | 1.22E-14 | 2458 | 1.93E-14 | 2560 | 3.82E-14 | 2662 | 1.14E-13 | 2764 | 7.81E-14 | 2866 | 6.18E-14 | 2968 | 1.50E-13 | 3070 | 1.88E-13 | 3172 | 2.89E-13 |
| 2052 | 9.05E-15 | 2154 | 3.64E-14 | 2256 | 2.20E-14 | 2358 | 1.98E-14 | 2460 | 2.30E-14 | 2562 | 4.00E-14 | 2664 | 1.11E-13 | 2766 | 8.42E-14 | 2868 | 7.51E-14 | 2970 | 1.25E-13 | 3072 | 1.92E-13 | 3174 | 2.99E-13 |
| 2054 | 2.88E-14 | 2156 | -4.86E-15 | 2258 | 1.29E-14 | 2360 | 2.00E-14 | 2462 | 1.44E-14 | 2564 | 3.52E-14 | 2666 | 1.00E-13 | 2768 | 8.65E-14 | 2870 | 8.42E-14 | 2972 | 1.15E-13 | 3074 | 2.06E-13 | 3176 | 3.02E-13 |
| 2056 | 3.25E-14 | 2158 | 9.44E-15 | 2260 | 2.34E-15 | 2362 | 1.51E-14 | 2464 | 1.39E-14 | 2566 | 3.32E-14 | 2668 | 9.43E-14 | 2770 | 8.70E-14 | 2872 | 9.33E-14 | 2974 | 1.20E-13 | 3076 | 2.21E-13 | 3178 | 3.04E-13 |
| 2058 | 1.02E-14 | 2160 | 2.02E-14 | 2262 | 1.01E-14 | 2364 | 7.51E-15 | 2466 | 1.47E-14 | 2568 | 3.66E-14 | 2670 | 9.71E-14 | 2772 | 8.72E-14 | 2874 | 1.01E-13 | 2976 | 1.36E-13 | 3078 | 2.28E-13 | 3180 | 2.94E-13 |
| 2060 | -6.94E-15 | 2162 | 2.77E-15 | 2264 | 1.71E-14 | 2366 | 2.02E-14 | 2468 | 1.72E-14 | 2570 | 3.95E-14 | 2672 | 1.04E-13 | 2774 | 8.54E-14 | 2876 | 1.09E-13 | 2978 | 1.51E-13 | 3080 | 2.25E-13 | 3182 | 2.73E-13 |
| 2062 | -2.76E-14 | 2164 | 5.27E-15 | 2266 | 8.41E-15 | 2368 | 2.02E-14 | 2470 | 1.58E-14 | 2572 | 4.21E-14 | 2674 | 1.05E-13 | 2776 | 8.55E-14 | 2878 | 1.11E-13 | 2980 | 1.69E-13 | 3082 | 2.24E-13 | 3184 | 2.53E-13 |
| 2064 | -1.30E-14 | 2166 | 6.80E-15 | 2268 | 2.13E-15 | 2370 | 1.64E-14 | 2472 | 1.22E-14 | 2574 | 4.88E-14 | 2676 | 1.06E-13 | 2778 | 8.94E-14 | 2880 | 1.01E-13 | 2982 | 1.80E-13 | 3084 | 2.25E-13 | 3186 | 2.38E-13 |
| 2066 | 5.59E-15 | 2168 | 1.50E-14 | 2270 | 6.10E-15 | 2372 | 1.54E-14 | 2474 | 1.04E-14 | 2576 | 4.84E-14 | 2678 | 1.10E-13 | 2780 | 8.70E-14 | 2882 | 8.92E-14 | 2984 | 1.67E-13 | 3086 | 2.22E-13 | 3188 | 2.43E-13 |
| 2068 | -2.88E-14 | 2170 | 1.98E-14 | 2272 | 3.13E-15 | 2374 | 1.85E-14 | 2476 | 1.17E-14 | 2578 | 4.75E-14 | 2680 | 1.06E-13 | 2782 | 7.69E-14 | 2884 | 7.78E-14 | 2986 | 1.39E-13 | 3088 | 2.25E-13 | 3190 | 2.60E-13 |
| 2070 | -2.34E-14 | 2172 | -2.92E-15 | 2274 | 1.60E-14 | 2376 | 1.67E-14 | 2478 | 1.73E-14 | 2580 | 4.52E-14 | 2682 | 9.93E-14 | 2784 | 6.60E-14 | 2886 | 7.58E-14 | 2988 | 1.27E-13 | 3090 | 2.19E-13 | 3192 | 2.64E-13 |
| 2072 | -2.17E-14 | 2174 | -2.66E-16 | 2276 | 1.49E-14 | 2378 | 1.29E-14 | 2480 | 1.22E-14 | 2582 | 3.81E-14 | 2684 | 9.58E-14 | 2786 | 5.97E-14 | 2888 | 8.90E-14 | 2990 | 1.41E-13 | 3092 | 2.02E-13 | 3194 | 2.63E-13 |
| 2074 | 9.38E-15 | 2176 | 2.10E-14 | 2278 | 1.91E-15 | 2380 | 2.23E-14 | 2482 | 7.95E-15 | 2584 | 4.42E-14 | 2686 | 1.00E-13 | 2788 | 5.83E-14 | 2890 | 1.08E-13 | 2992 | 1.63E-13 | 3094 | 1.91E-13 | 3196 | 2.65E-13 |
| 2076 | 3.85E-14 | 2178 | 1.29E-14 | 2280 | 1.23E-14 | 2382 | 1.73E-14 | 2484 | 8.68E-15 | 2586 | 4.66E-14 | 2688 | 1.06E-13 | 2790 | 5.23E-14 | 2892 | 1.26E-13 | 2994 | 1.76E-13 | 3096 | 1.83E-13 | 3198 | 2.68E-13 |


HD 134439 K0 V
V=9.06 (B-V)=0.78 E(B-V)=-0.03
LAP: LWP 12934, LWP 12936
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 185144 K0 V V=4.68 (B-V)=0.79 E(B-V)=-0.02**

**LAP: LWP 13412**

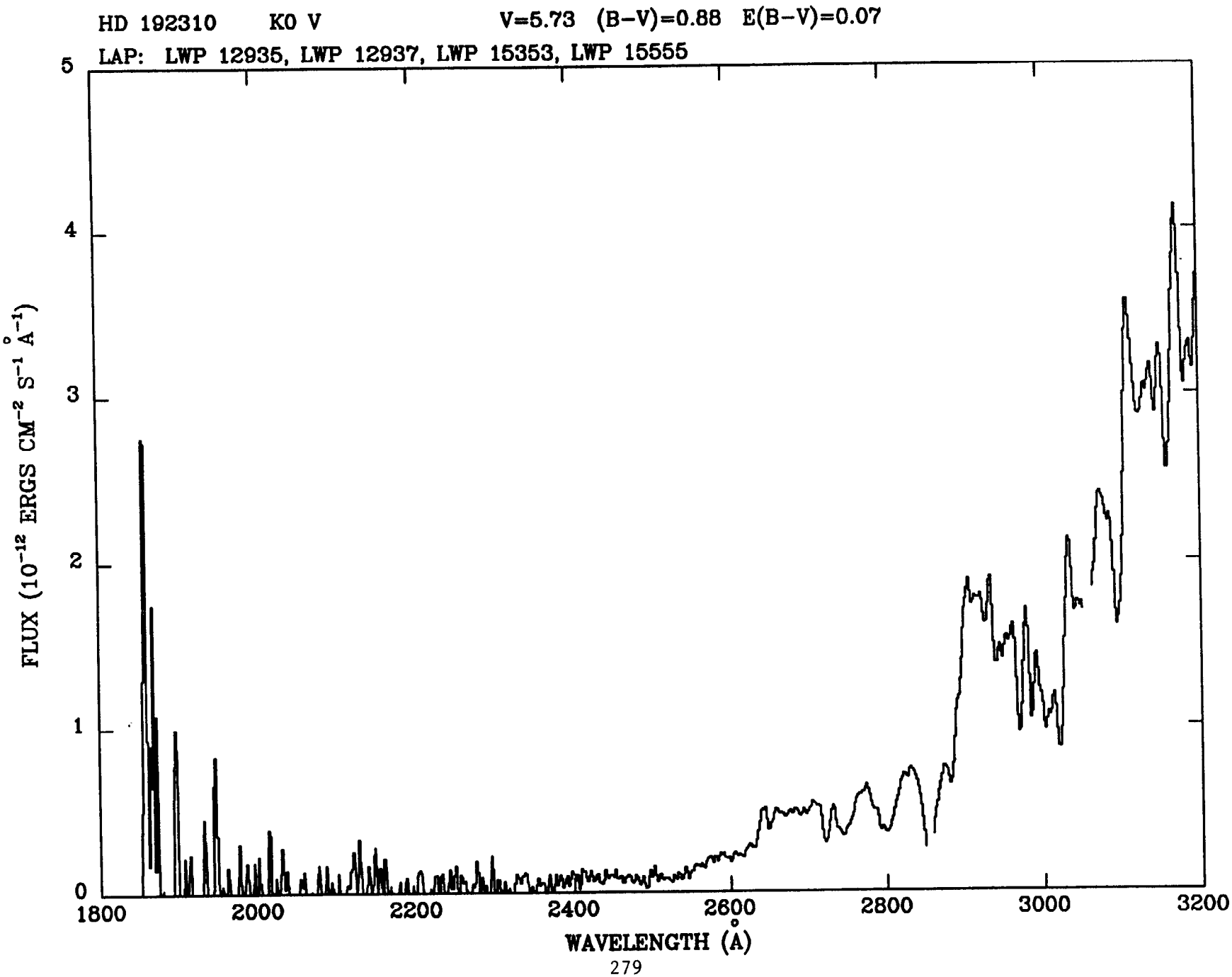
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.31E-13 | 2078 | -1.37E-14 | 2180 | -1.17E-13 | 2282 | 5.60E-13 | 2384 | 2.86E-13 | 2486 | 4.12E-13 | 2588 | 1.28E-12 | 2690 | 2.85E-12 | 2792 | 1.73E-12 | 2894 | 5.83E-12 | 2996 | 6.24E-12 | 3098 | 7.64E-12 |
| 1978 | -1.21E-13 | 2080 | -3.83E-13 | 2182 | 8.29E-14 | 2284 | 5.35E-13 | 2386 | 3.89E-13 | 2488 | 3.76E-13 | 2590 | 1.41E-12 | 2692 | 2.70E-12 | 2794 | 1.50E-12 | 2896 | 6.57E-12 | 2998 | 5.98E-12 | 3100 | 7.57E-12 |
| 1980 | -2.77E-13 | 2082 | -1.22E-13 | 2184 | 1.81E-13 | 2286 | 2.76E-13 | 2388 | 5.95E-13 | 2490 | 2.71E-13 | 2592 | 1.43E-12 | 2694 | 2.69E-12 | 2796 | 1.35E-12 | 2898 | 7.50E-12 | 3000 | 5.44E-12 | 3102 | 8.13E-12 |
| 1982 | -4.76E-13 | 2084 | 2.87E-13 | 2186 | 6.55E-13 | 2288 | 1.44E-13 | 2390 | 4.87E-13 | 2492 | 3.73E-13 | 2594 | 1.32E-12 | 2696 | 2.72E-12 | 2798 | 1.30E-12 | 2900 | 7.86E-12 | 3002 | 4.86E-12 | 3104 | 9.88E-12 |
| 1984 | -8.62E-14 | 2086 | 3.62E-13 | 2188 | 4.20E-13 | 2290 | 1.92E-13 | 2392 | 5.09E-13 | 2494 | 3.57E-13 | 2596 | 1.19E-12 | 2698 | 2.72E-12 | 2800 | 1.28E-12 | 2902 | | 3004 | 4.88E-12 | 3106 | 1.23E-11 |
| 1986 | 3.78E-13 | 2088 | -5.12E-14 | 2190 | -2.85E-13 | 2292 | 1.89E-13 | 2394 | 5.68E-13 | 2496 | 5.50E-13 | 2598 | 1.11E-12 | 2700 | 2.80E-12 | 2802 | 1.27E-12 | 2904 | | 3006 | 5.25E-12 | 3108 | 1.40E-11 |
| 1988 | -2.30E-13 | 2090 | 2.81E-13 | 2192 | -1.30E-13 | 2294 | 7.18E-13 | 2396 | 5.24E-13 | 2498 | 5.71E-13 | 2600 | 9.95E-13 | 2702 | 2.98E-12 | 2804 | 1.30E-12 | 2906 | | 3008 | 5.53E-12 | 3110 | 1.48E-11 |
| 1990 | -2.57E-13 | 2092 | 3.78E-13 | 2194 | 1.22E-13 | 2296 | 4.94E-13 | 2398 | 4.96E-13 | 2500 | 5.55E-13 | 2602 | 1.04E-12 | 2704 | 3.18E-12 | 2806 | 1.43E-12 | 2908 | | 3010 | 5.78E-12 | 3112 | 1.48E-11 |
| 1992 | -9.63E-14 | 2094 | -8.31E-14 | 2196 | 2.54E-14 | 2298 | 1.16E-13 | 2400 | 5.41E-13 | 2502 | 7.25E-13 | 2604 | 1.13E-12 | 2706 | 3.27E-12 | 2808 | 1.63E-12 | 2910 | | 3012 | 6.16E-12 | 3114 | 1.43E-11 |
| 1994 | 1.67E-13 | 2096 | 3.05E-13 | 2198 | 1.37E-14 | 2300 | 1.92E-13 | 2402 | 4.94E-13 | 2504 | 6.16E-13 | 2606 | 1.18E-12 | 2708 | 3.19E-12 | 2810 | 1.91E-12 | 2912 | | 3014 | 6.42E-12 | 3116 | 1.37E-11 |
| 1996 | -2.59E-14 | 2098 | 1.05E-13 | 2200 | 5.98E-14 | 2302 | 3.46E-13 | 2404 | 4.61E-13 | 2506 | 4.97E-13 | 2608 | 1.12E-12 | 2710 | 3.11E-12 | 2812 | 2.21E-12 | 2914 | | 3016 | 6.11E-12 | 3118 | 1.28E-11 |
| 1998 | -1.70E-13 | 2100 | -1.81E-14 | 2202 | 4.19E-13 | 2304 | 2.34E-13 | 2406 | 3.91E-13 | 2508 | 5.60E-13 | 2610 | 1.05E-12 | 2712 | 3.12E-12 | 2814 | 2.40E-12 | 2916 | | 3018 | 5.33E-12 | 3120 | 1.20E-11 |
| 2000 | -4.22E-14 | 2102 | 1.03E-13 | 2204 | 3.87E-13 | 2306 | 1.86E-13 | 2408 | 4.82E-13 | 2510 | 6.04E-13 | 2612 | 1.00E-12 | 2714 | 3.10E-12 | 2816 | 2.66E-12 | 2918 | | 3020 | 4.64E-12 | 3122 | 1.16E-11 |
| 2002 | 4.48E-13 | 2104 | -8.02E-14 | 2206 | 2.83E-13 | 2308 | 2.50E-13 | 2410 | 4.35E-13 | 2512 | 5.29E-13 | 2614 | 1.05E-12 | 2716 | 2.83E-12 | 2818 | 2.96E-12 | 2920 | | 3022 | 4.49E-12 | 3124 | 1.18E-11 |
| 2004 | 4.05E-13 | 2106 | -2.57E-14 | 2208 | 4.02E-13 | 2310 | 2.75E-13 | 2412 | 4.33E-13 | 2514 | 4.69E-13 | 2616 | 1.09E-12 | 2718 | 2.33E-12 | 2820 | 3.22E-12 | 2922 | | 3024 | 5.22E-12 | 3126 | 1.21E-11 |
| 2006 | -2.86E-13 | 2108 | 3.58E-14 | 2210 | 1.10E-13 | 2312 | 2.29E-13 | 2414 | 3.83E-13 | 2516 | 4.08E-13 | 2618 | 1.17E-12 | 2720 | 1.92E-12 | 2822 | 3.42E-12 | 2924 | 8.08E-12 | 3026 | 6.39E-12 | 3128 | 1.23E-11 |
| 2008 | -3.09E-13 | 2110 | 1.42E-13 | 2212 | -1.32E-13 | 2314 | 1.92E-13 | 2416 | 4.81E-13 | 2518 | 3.05E-13 | 2620 | 1.29E-12 | 2722 | 1.64E-12 | 2824 | 3.56E-12 | 2926 | 7.77E-12 | 3028 | 7.74E-12 | 3130 | 1.24E-11 |
| 2010 | -1.37E-13 | 2112 | -2.95E-14 | 2214 | 2.30E-13 | 2316 | 1.90E-13 | 2418 | 5.66E-13 | 2520 | 3.44E-13 | 2622 | 1.36E-12 | 2724 | 1.61E-12 | 2826 | 3.62E-12 | 2928 | 7.77E-12 | 3030 | 9.01E-12 | 3132 | 1.24E-11 |
| 2012 | 4.43E-13 | 2114 | 3.43E-13 | 2216 | 2.91E-13 | 2318 | 2.49E-13 | 2420 | 5.88E-13 | 2522 | 3.06E-13 | 2624 | 1.46E-12 | 2726 | 1.85E-12 | 2828 | 3.67E-12 | 2930 | 7.98E-12 | 3032 | 9.80E-12 | 3134 | 1.24E-11 |
| 2014 | 1.07E-12 | 2116 | 6.31E-13 | 2218 | -2.23E-14 | 2320 | 2.23E-13 | 2422 | 5.55E-13 | 2524 | 3.54E-13 | 2626 | 1.49E-12 | 2728 | 2.23E-12 | 2830 | 3.72E-12 | 2932 | | 3034 | 1.02E-11 | 3136 | 1.28E-11 |
| 2016 | 1.66E-13 | 2118 | 1.78E-13 | 2220 | -1.08E-13 | 2322 | 5.45E-13 | 2424 | 5.00E-13 | 2526 | 4.44E-13 | 2628 | 1.34E-12 | 2730 | 2.60E-12 | 2832 | 3.78E-12 | 2934 | | 3036 | 9.88E-12 | 3138 | 1.34E-11 |
| 2018 | -2.85E-13 | 2120 | 8.31E-13 | 2222 | 1.89E-13 | 2324 | 5.80E-13 | 2426 | 5.35E-13 | 2528 | 4.26E-13 | 2630 | 1.27E-12 | 2732 | 2.76E-12 | 2834 | 3.86E-12 | 2936 | 7.40E-12 | 3038 | 8.84E-12 | 3140 | 1.36E-11 |
| 2020 | 8.15E-15 | 2122 | 4.85E-13 | 2224 | 2.78E-13 | 2326 | 3.91E-13 | 2428 | 4.92E-13 | 2530 | 3.85E-13 | 2632 | 1.27E-12 | 2734 | 2.57E-12 | 2836 | 3.82E-12 | 2938 | 6.88E-12 | 3040 | 8.08E-12 | 3142 | 1.31E-11 |
| 2022 | 3.86E-13 | 2124 | 9.22E-14 | 2226 | 2.15E-13 | 2328 | 3.81E-13 | 2430 | 4.34E-13 | 2532 | 4.87E-13 | 2634 | 1.45E-12 | 2736 | 2.16E-12 | 2838 | 3.56E-12 | 2940 | 6.40E-12 | 3042 | 7.99E-12 | 3144 | 1.23E-11 |
| 2024 | 2.15E-13 | 2126 | | 2228 | 2.99E-13 | 2330 | 3.43E-13 | 2432 | 5.19E-13 | 2534 | 4.65E-13 | 2636 | 1.85E-12 | 2738 | 1.86E-12 | 2840 | 3.45E-12 | 2942 | 6.64E-12 | 3044 | 8.25E-12 | 3146 | 1.20E-11 |
| 2026 | -2.26E-13 | 2128 | 6.39E-13 | 2230 | 6.24E-13 | 2332 | 4.29E-13 | 2434 | 4.60E-13 | 2536 | 3.54E-13 | 2638 | 2.44E-12 | 2740 | 1.74E-12 | 2842 | 3.24E-12 | 2944 | 7.10E-12 | 3046 | 8.55E-12 | 3148 | 1.24E-11 |
| 2028 | -5.60E-13 | 2130 | 2.07E-13 | 2232 | 3.46E-13 | 2334 | 5.51E-13 | 2436 | 5.33E-13 | 2538 | 4.56E-13 | 2640 | 2.90E-12 | 2742 | 1.66E-12 | 2844 | 2.90E-12 | 2946 | 7.30E-12 | 3048 | 8.42E-12 | 3150 | 1.29E-11 |
| 2030 | -1.52E-13 | 2132 | 3.85E-14 | 2234 | 1.86E-13 | 2336 | 6.21E-13 | 2438 | 7.00E-13 | 2540 | 5.11E-13 | 2642 | 2.92E-12 | 2744 | 1.61E-12 | 2846 | 2.51E-12 | 2948 | 6.89E-12 | 3050 | 8.33E-12 | 3152 | 1.32E-11 |
| 2032 | -2.56E-13 | 2134 | 4.23E-14 | 2236 | 3.43E-13 | 2338 | 4.84E-13 | 2440 | 6.14E-13 | 2542 | 5.08E-13 | 2644 | 2.97E-12 | 2746 | 1.60E-12 | 2848 | | 2950 | 6.70E-12 | 3052 | | 3154 | 1.26E-11 |
| 2034 | -2.81E-13 | 2136 | 4.48E-13 | 2238 | 4.22E-13 | 2340 | 3.61E-13 | 2442 | 4.86E-13 | 2544 | 4.74E-13 | 2646 | 2.78E-12 | 2748 | 1.66E-12 | 2850 | | 2952 | 7.03E-12 | 3054 | | 3156 | 1.16E-11 |
| 2036 | -2.62E-13 | 2138 | 3.40E-13 | 2240 | 6.47E-13 | 2342 | 3.22E-13 | 2444 | 4.94E-13 | 2546 | 4.76E-13 | 2648 | 2.68E-12 | 2750 | 1.74E-12 | 2852 | | 2954 | 7.24E-12 | 3056 | | 3158 | 1.07E-11 |
| 2038 | -1.22E-13 | 2140 | 4.23E-13 | 2242 | 4.45E-13 | 2344 | 3.79E-13 | 2446 | 4.87E-13 | 2548 | 5.57E-13 | 2650 | 2.49E-12 | 2752 | 1.83E-12 | 2854 | | 2956 | 7.40E-12 | 3058 | | 3160 | 1.02E-11 |
| 2040 | -6.07E-15 | 2142 | 2.62E-13 | 2244 | 3.14E-13 | 2346 | 2.93E-13 | 2448 | 4.74E-13 | 2550 | 6.13E-13 | 2652 | 2.50E-12 | 2754 | 2.04E-12 | 2856 | 1.28E-12 | 2958 | 7.74E-12 | 3060 | | 3162 | 1.07E-11 |
| 2042 | 2.60E-13 | 2144 | 1.93E-13 | 2246 | 4.50E-13 | 2348 | 2.20E-13 | 2450 | 4.44E-13 | 2552 | 7.26E-13 | 2654 | 2.72E-12 | 2756 | 2.24E-12 | 2858 | 1.55E-12 | 2960 | 7.96E-12 | 3062 | 7.95E-12 | 3164 | 1.19E-11 |
| 2044 | -2.80E-13 | 2146 | 6.57E-13 | 2248 | 4.07E-13 | 2350 | 3.80E-13 | 2452 | 4.76E-13 | 2554 | 8.27E-13 | 2656 | 3.00E-12 | 2758 | 2.37E-12 | 2860 | 1.94E-12 | 2962 | 7.95E-12 | 3064 | 8.64E-12 | 3166 | 1.29E-11 |
| 2046 | -2.72E-13 | 2148 | 7.15E-13 | 2250 | 2.26E-13 | 2352 | 1.69E-13 | 2454 | 4.45E-13 | 2556 | 8.52E-13 | 2658 | 3.25E-12 | 2760 | 2.63E-12 | 2862 | 2.37E-12 | 2964 | 7.59E-12 | 3066 | 8.85E-12 | 3168 | 1.37E-11 |
| 2048 | -1.74E-13 | 2150 | 6.68E-14 | 2252 | 3.40E-13 | 2354 | 2.54E-13 | 2456 | 4.73E-13 | 2558 | 8.83E-13 | 2660 | 3.13E-12 | 2762 | 2.95E-12 | 2864 | 2.74E-12 | 2966 | 6.36E-12 | 3068 | 9.03E-12 | 3170 | 1.46E-11 |
| 2050 | -1.80E-13 | 2152 | 4.48E-13 | 2254 | 5.50E-13 | 2356 | 3.57E-13 | 2458 | 5.32E-13 | 2560 | 8.34E-13 | 2662 | 2.91E-12 | 2764 | 3.04E-12 | 2866 | 3.02E-12 | 2968 | 5.12E-12 | 3070 | 9.54E-12 | 3172 | 1.54E-11 |
| 2052 | 4.34E-13 | 2154 | 4.88E-13 | 2256 | 4.54E-13 | 2358 | 4.62E-13 | 2460 | 5.47E-13 | 2562 | 9.19E-13 | 2664 | 2.92E-12 | 2766 | 3.09E-12 | 2868 | 3.27E-12 | 2970 | 4.71E-12 | 3072 | 1.01E-11 | 3174 | 1.58E-11 |
| 2054 | 4.53E-13 | 2156 | -1.23E-13 | 2258 | 2.72E-13 | 2360 | 3.92E-13 | 2462 | 4.19E-13 | 2564 | 9.19E-13 | 2666 | 2.95E-12 | 2768 | 3.17E-12 | 2870 | 3.50E-12 | 2972 | 5.11E-12 | 3074 | 1.05E-11 | 3176 | 1.53E-11 |
| 2056 | 2.67E-13 | 2158 | 3.42E-13 | 2260 | 3.69E-14 | 2362 | 3.43E-13 | 2464 | 4.69E-13 | 2566 | 9.71E-13 | 2668 | 3.01E-12 | 2770 | 3.15E-12 | 2872 | 3.89E-12 | 2974 | 5.91E-12 | 3076 | 1.05E-11 | 3178 | 1.44E-11 |
| 2058 | 1.51E-13 | 2160 | 5.42E-13 | 2262 | 2.69E-13 | 2364 | 3.34E-13 | 2466 | 5.05E-13 | 2568 | 1.12E-12 | 2670 | 3.01E-12 | 2772 | 3.21E-12 | 2874 | 4.18E-12 | 2976 | 6.97E-12 | 3078 | 1.02E-11 | 3180 | 1.28E-11 |
| 2060 | -2.84E-13 | 2162 | 2.21E-13 | 2264 | 3.06E-13 | 2366 | 5.64E-13 | 2468 | 5.86E-13 | 2570 | 1.18E-12 | 2672 | 3.04E-12 | 2774 | 3.23E-12 | 2876 | 4.09E-12 | 2978 | 8.31E-12 | 3080 | 9.90E-12 | 3182 | 1.17E-11 |
| 2062 | -5.91E-13 | 2164 | 1.96E-13 | 2266 | 1.52E-13 | 2368 | 4.98E-13 | 2470 | 5.32E-13 | 2572 | 1.18E-12 | 2674 | 3.04E-12 | 2776 | 3.14E-12 | 2878 | 3.80E-12 | 2980 | 8.15E-12 | 3082 | 9.77E-12 | 3184 | 1.16E-11 |
| 2064 | -1.84E-13 | 2166 | 7.27E-14 | 2268 | 1.46E-13 | 2370 | 3.60E-13 | 2472 | 5.22E-13 | 2574 | 1.26E-12 | 2676 | 3.04E-12 | 2778 | 2.87E-12 | 2880 | 3.43E-12 | 2982 | 6.66E-12 | 3084 | 9.83E-12 | 3186 | 1.23E-11 |
| 2066 | -7.59E-14 | 2168 | 4.28E-13 | 2270 | 1.52E-13 | 2372 | 3.45E-13 | 2474 | 4.76E-13 | 2576 | 1.22E-12 | 2678 | 3.04E-12 | 2780 | 2.57E-12 | 2882 | 3.15E-12 | 2984 | 5.43E-12 | 3086 | 9.95E-12 | 3188 | 1.30E-11 |
| 2068 | -4.27E-13 | 2170 | 4.47E-13 | 2272 | 1.10E-13 | 2374 | 4.31E-13 | 2476 | 5.24E-13 | 2578 | 1.14E-12 | 2680 | 3.00E-12 | 2782 | 2.32E-12 | 2884 | 3.21E-12 | 2986 | 5.29E-12 | 3088 | 9.90E-12 | 3190 | 1.32E-11 |
| 2070 | -3.38E-13 | 2172 | 1.06E-13 | 2274 | 3.72E-13 | 2376 | 3.64E-13 | 2478 | 6.37E-13 | 2580 | 1.26E-12 | 2682 | 2.92E-12 | 2784 | 2.18E-12 | 2886 | 3.83E-12 | 2988 | 5.97E-12 | 3090 | 9.17E-12 | 3192 | 1.27E-11 |
| 2072 | -5.10E-13 | 2174 | 3.02E-13 | 2276 | 2.96E-13 | 2378 | 3.44E-13 | 2480 | 5.29E-13 | 2582 | 1.28E-12 | 2684 | 2.83E-12 | 2786 | 2.19E-12 | 2888 | 4.71E-12 | 2990 | 6.81E-12 | 3092 | 8.17E-12 | 3194 | 1.25E-11 |
| 2074 | -5.64E-15 | 2176 | 3.25E-13 | 2278 | 7.71E-14 | 2380 | 5.12E-13 | 2482 | 4.51E-13 | 2584 | 1.43E-12 | 2686 | 2.94E-12 | 2788 | 2.20E-12 | 2890 | 5.22E-12 | 2992 | 7.05E-12 | 3094 | 7.55E-12 | 3196 | 1.30E-11 |
| 2076 | 5.50E-13 | 2178 | 1.67E-13 | 2280 | 4.23E-13 | 2382 | 3.46E-13 | 2484 | 4.44E-13 | 2586 | 1.37E-12 | 2688 | 2.99E-12 | 2790 | 2.01E-12 | 2892 | 5.51E-12 | 2994 | 6.61E-12 | 3096 | 7.58E-12 | 3198 | 1.41E-11 |


HD 185144 K0 V V=4.68 (B−V)=0.79 E(B−V)=−0.02
LAP: LWP 13412
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
4
8
12
16
1800
2000
2200
2400
2600
2800
3000
3200

HD 192310 K0 V V=5.73 (B-V)=0.88 E(B-V)=0.07

LAP: LWP 12935, LWP 12937, LWP 15353, LWP 15555

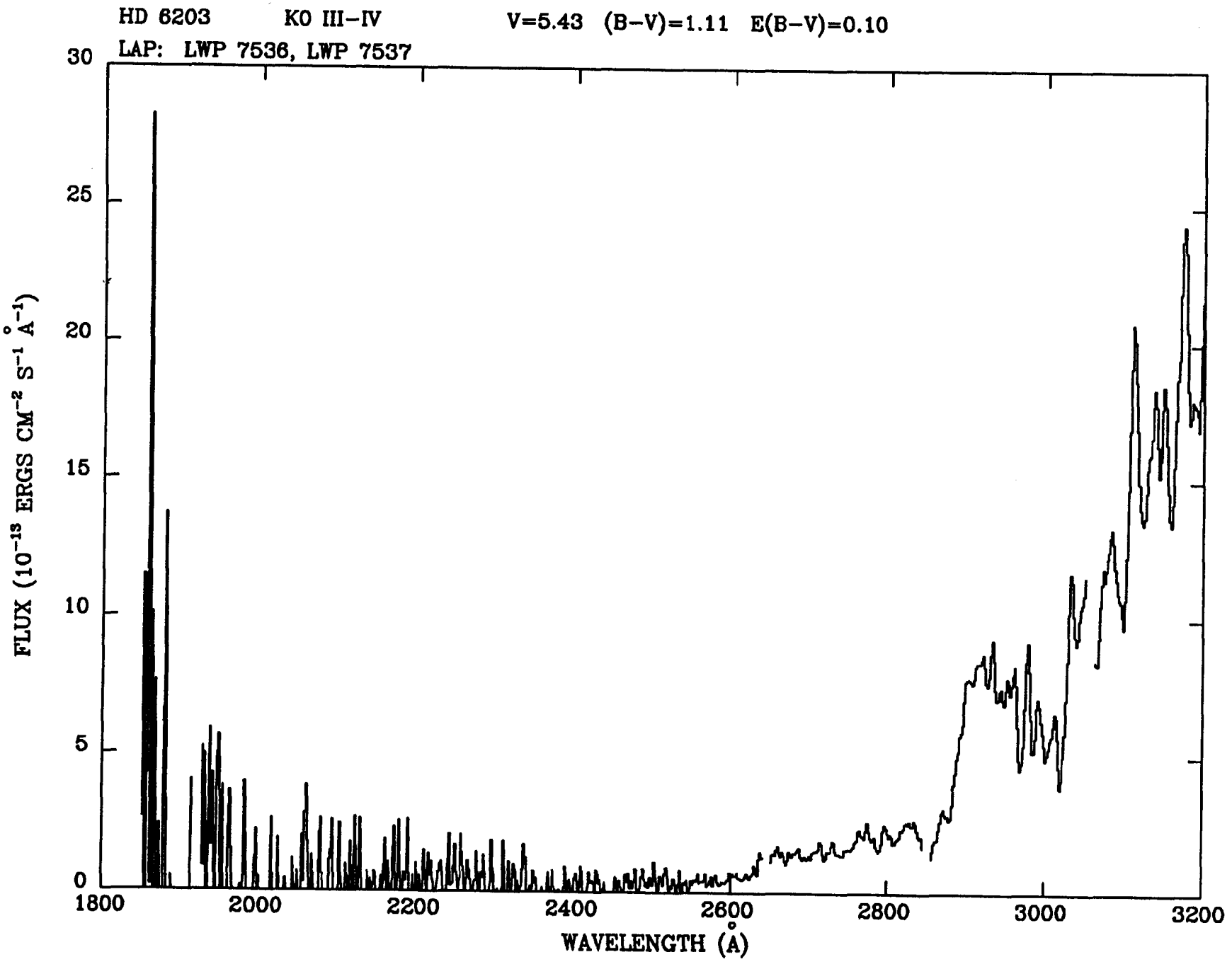
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.20E-13 | 2078 | 8.35E-14 | 2180 | -5.00E-15 | 2282 | 6.69E-14 | 2384 | 7.32E-14 | 2486 | 5.56E-14 | 2588 | 2.31E-13 | 2690 | 4.59E-13 | 2792 | 3.81E-13 | 2894 | 1.28E-12 | 2996 | 1.21E-12 | 3098 | 1.76E-12 |
| 1978 | 1.43E-13 | 2080 | -5.57E-14 | 2182 | -8.17E-14 | 2284 | 1.81E-14 | 2386 | 3.51E-14 | 2488 | 8.49E-14 | 2590 | 2.26E-13 | 2692 | 4.71E-13 | 2794 | 3.81E-13 | 2896 | 1.42E-12 | 2998 | 1.15E-12 | 3100 | 1.95E-12 |
| 1980 | -1.78E-13 | 2082 | -9.20E-14 | 2184 | -5.90E-14 | 2286 | 2.92E-14 | 2388 | 6.17E-14 | 2490 | 5.64E-14 | 2592 | 2.21E-13 | 2694 | 4.99E-13 | 2796 | 3.86E-13 | 2898 | 1.60E-12 | 3000 | 1.05E-12 | 3102 | 2.24E-12 |
| 1982 | -6.94E-14 | 2084 | 2.97E-14 | 2186 | 7.56E-14 | 2288 | 9.24E-15 | 2390 | 8.62E-14 | 2492 | 2.37E-14 | 2594 | 2.06E-13 | 2696 | 4.84E-13 | 2798 | 3.69E-13 | 2900 | 1.72E-12 | 3002 | 9.86E-13 | 3104 | 2.68E-12 |
| 1984 | 1.08E-13 | 2086 | 1.45E-13 | 2188 | 5.11E-14 | 2290 | -5.58E-14 | 2392 | 7.00E-14 | 2494 | 3.09E-14 | 2596 | 2.03E-13 | 2698 | 4.69E-13 | 2800 | 3.60E-13 | 2902 | 1.78E-12 | 3004 | 1.02E-12 | 3106 | 3.17E-12 |
| 1986 | 1.82E-13 | 2088 | -3.68E-14 | 2190 | -1.12E-13 | 2292 | -1.73E-14 | 2394 | 6.07E-14 | 2496 | 9.70E-14 | 2598 | 2.07E-13 | 2700 | 4.88E-13 | 2802 | 3.67E-13 | 2904 | 1.85E-12 | 3006 | 1.07E-12 | 3108 | 3.47E-12 |
| 1988 | 8.16E-14 | 2090 | -7.91E-14 | 2192 | -1.82E-13 | 2294 | 2.18E-13 | 2396 | 1.09E-13 | 2498 | 1.24E-13 | 2600 | 1.88E-13 | 2702 | 5.05E-13 | 2804 | 3.84E-13 | 2906 | 1.85E-12 | 3008 | 1.06E-12 | 3110 | 3.56E-12 |
| 1990 | -7.26E-14 | 2092 | 5.85E-14 | 2194 | -3.80E-14 | 2296 | 1.25E-13 | 2398 | 1.17E-13 | 2500 | 9.19E-14 | 2602 | 1.94E-13 | 2704 | 5.24E-13 | 2806 | 4.20E-13 | 2908 | 1.77E-12 | 3010 | 1.09E-12 | 3112 | 3.49E-12 |
| 1992 | -5.79E-14 | 2094 | 2.86E-14 | 2196 | -3.90E-14 | 2298 | 1.47E-14 | 2400 | 1.05E-13 | 2502 | 1.24E-13 | 2604 | 2.23E-13 | 2706 | 5.44E-13 | 2808 | 4.49E-13 | 2910 | 1.74E-12 | 3012 | 1.17E-12 | 3114 | 3.36E-12 |
| 1994 | 9.71E-14 | 2096 | -2.33E-15 | 2198 | -1.16E-13 | 2300 | 2.54E-14 | 2402 | 7.82E-14 | 2504 | 1.34E-13 | 2606 | 2.38E-13 | 2708 | 5.36E-13 | 2810 | 5.02E-13 | 2912 | 1.77E-12 | 3014 | 1.17E-12 | 3116 | 3.20E-12 |
| 1996 | 6.68E-14 | 2098 | -4.41E-14 | 2200 | 4.55E-14 | 2302 | 7.73E-14 | 2404 | 9.89E-14 | 2506 | 8.13E-14 | 2608 | 2.22E-13 | 2710 | 5.23E-13 | 2812 | 5.49E-13 | 2914 | 1.78E-12 | 3016 | 1.07E-12 | 3118 | 3.07E-12 |
| 1998 | -1.67E-13 | 2100 | 3.55E-14 | 2202 | 1.23E-13 | 2304 | 5.60E-14 | 2406 | 2.41E-14 | 2508 | 7.20E-14 | 2610 | 2.16E-13 | 2712 | 5.19E-13 | 2814 | 5.82E-13 | 2916 | 1.77E-12 | 3018 | 9.37E-13 | 3120 | 2.95E-12 |
| 2000 | 9.99E-14 | 2102 | 5.78E-14 | 2204 | 1.35E-13 | 2306 | 1.92E-15 | 2408 | 5.15E-14 | 2510 | 9.73E-14 | 2612 | 2.23E-13 | 2714 | 5.16E-13 | 2816 | 6.28E-13 | 2918 | 1.77E-12 | 3020 | 8.69E-13 | 3122 | 2.88E-12 |
| 2002 | 8.78E-14 | 2104 | -6.59E-14 | 2206 | 1.20E-13 | 2308 | -2.60E-15 | 2410 | 1.41E-13 | 2512 | 9.03E-14 | 2614 | 2.17E-13 | 2716 | 4.69E-13 | 2818 | 6.71E-13 | 2920 | 1.79E-12 | 3022 | 9.19E-13 | 3124 | 2.87E-12 |
| 2004 | 3.40E-14 | 2106 | -1.47E-13 | 2208 | -2.22E-15 | 2310 | 4.57E-14 | 2412 | 1.27E-13 | 2514 | 7.37E-14 | 2616 | 2.13E-13 | 2718 | 3.82E-13 | 2820 | 6.95E-13 | 2922 | 1.75E-12 | 3024 | 1.11E-12 | 3126 | 2.90E-12 |
| 2006 | -1.21E-13 | 2108 | -1.92E-13 | 2210 | -3.78E-14 | 2312 | 5.45E-15 | 2414 | 1.18E-13 | 2516 | 8.04E-14 | 2618 | 2.23E-13 | 2720 | 3.19E-13 | 2822 | 7.07E-13 | 2924 | 1.67E-12 | 3026 | 1.40E-12 | 3128 | 2.97E-12 |
| 2008 | -1.10E-13 | 2110 | -4.36E-14 | 2212 | -7.78E-14 | 2314 | -2.06E-14 | 2416 | 8.08E-14 | 2518 | 8.12E-14 | 2620 | 2.50E-13 | 2722 | 2.96E-13 | 2824 | 6.99E-13 | 2926 | 1.63E-12 | 3028 | 1.68E-12 | 3130 | 3.05E-12 |
| 2010 | -1.20E-13 | 2112 | 4.14E-14 | 2214 | -1.12E-13 | 2316 | 1.79E-14 | 2418 | 7.72E-14 | 2520 | 8.36E-14 | 2622 | 2.64E-13 | 2724 | 3.19E-13 | 2826 | 6.91E-13 | 2928 | 1.65E-12 | 3030 | 1.94E-12 | 3132 | 3.04E-12 |
| 2012 | 2.32E-14 | 2114 | 3.55E-14 | 2216 | -3.06E-14 | 2318 | -8.13E-15 | 2420 | 1.12E-13 | 2522 | 7.04E-14 | 2624 | 2.79E-13 | 2726 | 3.72E-13 | 2828 | 7.24E-13 | 2930 | 1.77E-12 | 3032 | 2.10E-12 | 3134 | 3.03E-12 |
| 2014 | 3.78E-13 | 2116 | 1.12E-13 | 2218 | -2.79E-15 | 2320 | -3.97E-14 | 2422 | 1.13E-13 | 2524 | 6.25E-14 | 2626 | 2.84E-13 | 2728 | 4.41E-13 | 2830 | 7.46E-13 | 2932 | 1.88E-12 | 3034 | 2.11E-12 | 3136 | 3.10E-12 |
| 2016 | 2.35E-13 | 2118 | 1.47E-13 | 2220 | -3.49E-15 | 2322 | 5.82E-15 | 2424 | 7.91E-14 | 2526 | 6.29E-14 | 2628 | 2.72E-13 | 2730 | 4.98E-13 | 2832 | 7.35E-13 | 2934 | 1.83E-12 | 3036 | 1.95E-12 | 3138 | 3.15E-12 |
| 2018 | -3.45E-14 | 2120 | 2.45E-13 | 2222 | 7.63E-14 | 2324 | 6.20E-14 | 2426 | 7.13E-14 | 2528 | 9.35E-14 | 2630 | 2.69E-13 | 2732 | 5.12E-13 | 2834 | 7.19E-13 | 2936 | 1.62E-12 | 3038 | 1.76E-12 | 3140 | 3.12E-12 |
| 2020 | -4.05E-14 | 2122 | 1.86E-13 | 2224 | 1.01E-13 | 2326 | 1.04E-13 | 2428 | 9.19E-14 | 2530 | 8.04E-14 | 2632 | 2.68E-13 | 2734 | 4.67E-13 | 2836 | 6.96E-13 | 2938 | 1.43E-12 | 3040 | 1.69E-12 | 3142 | 2.99E-12 |
| 2022 | 5.59E-14 | 2124 | 1.84E-15 | 2226 | 4.72E-14 | 2328 | 9.01E-14 | 2430 | 1.07E-13 | 2532 | 8.77E-14 | 2634 | 3.08E-13 | 2736 | 4.04E-13 | 2838 | 6.66E-13 | 2940 | 1.38E-12 | 3042 | 1.71E-12 | 3144 | 2.90E-12 |
| 2024 | 1.89E-14 | 2126 | 1.56E-13 | 2228 | 1.33E-14 | 2330 | 7.45E-14 | 2432 | 6.87E-14 | 2534 | 1.11E-13 | 2636 | 3.69E-13 | 2738 | 3.81E-13 | 2840 | 6.22E-13 | 2942 | 1.43E-12 | 3044 | 1.75E-12 | 3146 | 2.99E-12 |
| 2026 | -3.82E-14 | 2128 | 2.89E-13 | 2230 | 8.09E-14 | 2332 | 7.20E-14 | 2434 | 5.64E-14 | 2536 | 9.06E-14 | 2638 | 4.29E-13 | 2740 | 3.70E-13 | 2842 | 5.67E-13 | 2944 | 1.48E-12 | 3046 | 1.73E-12 | 3148 | 3.17E-12 |
| 2028 | 8.00E-14 | 2130 | 1.04E-13 | 2232 | 1.13E-13 | 2334 | 9.75E-14 | 2436 | 5.07E-14 | 2538 | 7.56E-14 | 2640 | 4.90E-13 | 2742 | 3.54E-13 | 2844 | 4.98E-13 | 2946 | 1.45E-12 | 3048 | 1.73E-12 | 3150 | 3.28E-12 |
| 2030 | 2.41E-13 | 2132 | -9.08E-14 | 2234 | -4.11E-14 | 2336 | 1.11E-13 | 2438 | 7.69E-14 | 2540 | 9.51E-14 | 2642 | 4.96E-13 | 2744 | 3.42E-13 | 2846 | 4.12E-13 | 2948 | 1.41E-12 | 3050 | 1.72E-12 | 3152 | 3.21E-12 |
| 2032 | 1.46E-13 | 2134 | -9.46E-14 | 2236 | -6.32E-14 | 2338 | 1.15E-13 | 2440 | 1.28E-13 | 2542 | 1.36E-13 | 2644 | 4.96E-13 | 2746 | 3.41E-13 | 2848 | 3.20E-13 | 2950 | 1.48E-12 | 3052 | 1.70E-12 | 3154 | 2.97E-12 |
| 2034 | 2.91E-14 | 2136 | 1.03E-14 | 2238 | 6.34E-15 | 2340 | 7.87E-14 | 2442 | 9.37E-14 | 2544 | 1.28E-13 | 2646 | 4.82E-13 | 2748 | 3.70E-13 | 2850 | 2.65E-13 | 2952 | 1.54E-12 | 3054 | | 3156 | 2.68E-12 |
| 2036 | 1.34E-13 | 2138 | 1.21E-13 | 2240 | 8.26E-14 | 2342 | 4.04E-15 | 2444 | 8.84E-14 | 2546 | 8.46E-14 | 2648 | 4.10E-13 | 2750 | 3.89E-13 | 2852 | | 2954 | 1.54E-12 | 3056 | | 3158 | 2.54E-12 |
| 2038 | 1.26E-14 | 2140 | 1.23E-13 | 2242 | 1.13E-13 | 2344 | 1.17E-14 | 2446 | 9.95E-14 | 2548 | 1.06E-13 | 2650 | 3.80E-13 | 2752 | 4.00E-13 | 2854 | | 2956 | 1.52E-12 | 3058 | | 3160 | 2.59E-12 |
| 2040 | -1.67E-13 | 2142 | 1.63E-14 | 2244 | 2.42E-14 | 2346 | 3.39E-14 | 2448 | 1.02E-13 | 2550 | 1.27E-13 | 2652 | 4.00E-13 | 2754 | 4.28E-13 | 2856 | | 2958 | 1.55E-12 | 3060 | | 3162 | 2.77E-12 |
| 2042 | -1.15E-13 | 2144 | 3.74E-14 | 2246 | 5.64E-14 | 2348 | -5.02E-14 | 2450 | 9.47E-14 | 2552 | 1.30E-13 | 2654 | 4.26E-13 | 2756 | 4.51E-13 | 2858 | 3.44E-13 | 2960 | 1.60E-12 | 3062 | 1.83E-12 | 3164 | 3.07E-12 |
| 2044 | -9.68E-14 | 2146 | 2.07E-13 | 2248 | 1.32E-13 | 2350 | 8.76E-15 | 2452 | 1.15E-13 | 2554 | 1.57E-13 | 2656 | 4.61E-13 | 2758 | 4.86E-13 | 2860 | 4.18E-13 | 2962 | 1.58E-12 | 3064 | 1.92E-12 | 3166 | 3.43E-12 |
| 2046 | -1.68E-13 | 2148 | 2.72E-13 | 2250 | 9.53E-14 | 2352 | 4.72E-14 | 2454 | 1.02E-13 | 2556 | 1.65E-13 | 2658 | 4.94E-13 | 2760 | 5.43E-13 | 2862 | 4.87E-13 | 2964 | 1.41E-12 | 3066 | 1.98E-12 | 3168 | 3.73E-12 |
| 2048 | -1.37E-13 | 2150 | -2.37E-15 | 2252 | 1.78E-14 | 2354 | 7.77E-14 | 2456 | 8.10E-14 | 2558 | 1.60E-13 | 2660 | 4.95E-13 | 2762 | 5.70E-13 | 2864 | 5.41E-13 | 2966 | 1.15E-12 | 3068 | 2.13E-12 | 3170 | 3.97E-12 |
| 2050 | -5.28E-14 | 2152 | 1.32E-13 | 2254 | 7.19E-14 | 2356 | 4.56E-14 | 2458 | 8.75E-14 | 2560 | 1.58E-13 | 2662 | 4.79E-13 | 2764 | 5.85E-13 | 2866 | 6.12E-13 | 2968 | 9.97E-13 | 3070 | 2.31E-12 | 3172 | 4.11E-12 |
| 2052 | 3.24E-14 | 2154 | 1.31E-13 | 2256 | 9.66E-14 | 2358 | 5.64E-14 | 2460 | 9.26E-14 | 2562 | 1.61E-13 | 2664 | 4.72E-13 | 2766 | 5.90E-13 | 2868 | 6.63E-13 | 2970 | 9.70E-13 | 3072 | 2.40E-12 | 3174 | 4.04E-12 |
| 2054 | 7.01E-14 | 2156 | 2.73E-14 | 2258 | 6.74E-14 | 2360 | 5.65E-14 | 2462 | 5.78E-14 | 2564 | 1.61E-13 | 2666 | 4.79E-13 | 2768 | 5.98E-13 | 2870 | 7.12E-13 | 2972 | 1.08E-12 | 3074 | 2.40E-12 | 3176 | 3.76E-12 |
| 2056 | 4.32E-14 | 2158 | 6.39E-14 | 2260 | 6.69E-14 | 2362 | 1.40E-14 | 2464 | 5.68E-14 | 2566 | 1.50E-13 | 2668 | 4.69E-13 | 2770 | 6.04E-13 | 2872 | 7.56E-13 | 2974 | 1.33E-12 | 3076 | 2.37E-12 | 3178 | 3.41E-12 |
| 2058 | 1.11E-13 | 2160 | 1.93E-13 | 2262 | 2.18E-14 | 2364 | -3.66E-14 | 2466 | 8.67E-14 | 2568 | 1.68E-13 | 2670 | 4.55E-13 | 2772 | 6.21E-13 | 2874 | 7.56E-13 | 2976 | 1.58E-12 | 3078 | 2.34E-12 | 3180 | 3.12E-12 |
| 2060 | -3.17E-14 | 2162 | 6.17E-14 | 2264 | 7.13E-15 | 2366 | 2.83E-14 | 2468 | 9.47E-14 | 2570 | 1.93E-13 | 2672 | 4.57E-13 | 2774 | 6.42E-13 | 2876 | 7.42E-13 | 2978 | 1.70E-12 | 3080 | 2.29E-12 | 3182 | 3.06E-12 |
| 2062 | -2.27E-13 | 2164 | -6.31E-14 | 2266 | -1.15E-14 | 2368 | 9.59E-14 | 2470 | 9.93E-14 | 2572 | 2.07E-13 | 2674 | 4.72E-13 | 2776 | 6.21E-13 | 2878 | 7.14E-13 | 2980 | 1.58E-12 | 3082 | 2.25E-12 | 3184 | 3.19E-12 |
| 2064 | -2.45E-13 | 2166 | -7.22E-15 | 2268 | -2.27E-14 | 2370 | 2.78E-14 | 2472 | 8.23E-14 | 2574 | 2.11E-13 | 2676 | 4.87E-13 | 2778 | 5.85E-13 | 2880 | 6.68E-13 | 2982 | 1.27E-12 | 3084 | 2.26E-12 | 3186 | 3.27E-12 |
| 2066 | -6.52E-14 | 2168 | -4.29E-14 | 2270 | 4.80E-14 | 2372 | -9.53E-15 | 2474 | 5.99E-14 | 2576 | 2.00E-13 | 2678 | 4.82E-13 | 2780 | 5.40E-13 | 2882 | 6.67E-13 | 2984 | 1.05E-12 | 3086 | 2.25E-12 | 3188 | 3.30E-12 |
| 2068 | -3.42E-14 | 2170 | -8.03E-14 | 2272 | 3.93E-14 | 2374 | 3.93E-14 | 2476 | 5.99E-14 | 2578 | 1.79E-13 | 2680 | 4.74E-13 | 2782 | 5.08E-13 | 2884 | 7.38E-13 | 2986 | 1.12E-12 | 3088 | 2.13E-12 | 3190 | 3.27E-12 |
| 2070 | -1.90E-13 | 2172 | -2.98E-14 | 2274 | 1.03E-13 | 2376 | 9.90E-14 | 2478 | 8.08E-14 | 2580 | 2.13E-13 | 2682 | 4.91E-13 | 2784 | 4.95E-13 | 2886 | 8.77E-13 | 2988 | 1.30E-12 | 3090 | 1.95E-12 | 3192 | 3.18E-12 |
| 2072 | -1.39E-13 | 2174 | -2.39E-14 | 2276 | 1.60E-13 | 2378 | 4.55E-14 | 2480 | 9.30E-14 | 2582 | 2.07E-13 | 2684 | 4.99E-13 | 2786 | 4.94E-13 | 2888 | 1.05E-12 | 2990 | 1.43E-12 | 3092 | 1.72E-12 | 3194 | 3.23E-12 |
| 2074 | -2.59E-15 | 2176 | -4.68E-15 | 2278 | 6.48E-14 | 2380 | 7.32E-14 | 2482 | 7.43E-14 | 2584 | 1.92E-13 | 2686 | 4.86E-13 | 2788 | 4.79E-13 | 2890 | 1.14E-12 | 2992 | 1.39E-12 | 3094 | 1.62E-12 | 3196 | 3.45E-12 |
| 2076 | 1.44E-13 | 2178 | 5.90E-14 | 2280 | 1.46E-14 | 2382 | 9.64E-14 | 2484 | 5.06E-14 | 2586 | 2.20E-13 | 2688 | 4.68E-13 | 2790 | 4.28E-13 | 2892 | 1.18E-12 | 2994 | 1.28E-12 | 3096 | 1.66E-12 | 3198 | 3.64E-12 |


HD 192310 K0 V V=5.73 (B-V)=0.88 E(B-V)=0.07
LAP: LWP 12935, LWP 12937, LWP 15353, LWP 15555
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 6203 K0 III-IV V=5.43 (B-V)=1.11 E(B-V)=0.10

LAP: LWP 7536, LWP 7537

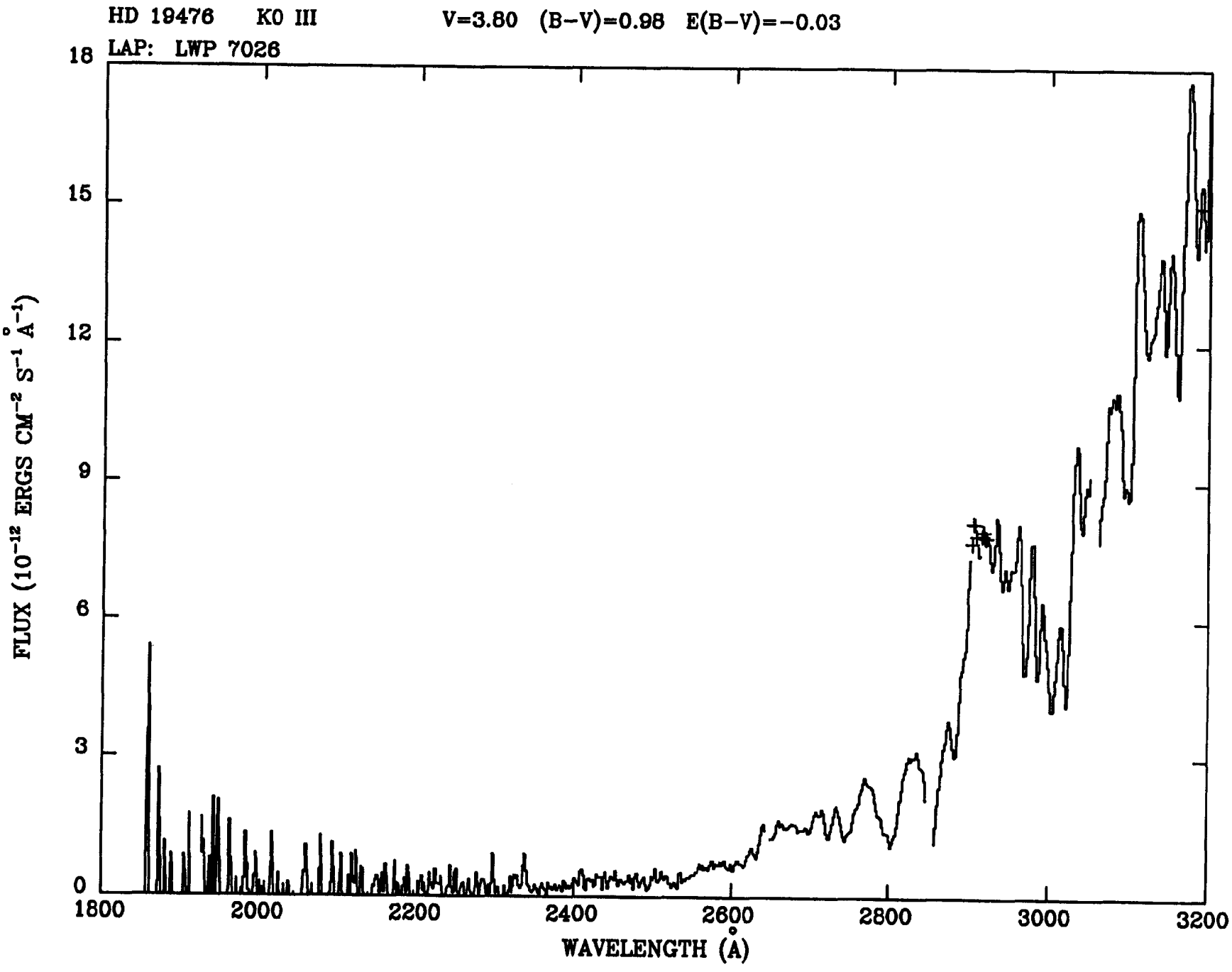
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -2.20E-13 | 2078 | 2.40E-13 | 2180 | -4.36E-14 | 2282 | 4.50E-14 | 2384 | -1.89E-14 | 2486 | 4.61E-14 | 2588 | 3.25E-14 | 2690 | 1.40E-13 | 2792 | 1.69E-13 | 2894 | 5.89E-13 | 2996 | 6.10E-13 | 3098 | 1.01E-12 |
| 1978 | -5.24E-14 | 2080 | 1.53E-13 | 2182 | -6.19E-14 | 2284 | 5.84E-14 | 2386 | -3.20E-15 | 2488 | 7.81E-14 | 2590 | 3.89E-14 | 2692 | 1.24E-13 | 2794 | 2.03E-13 | 2896 | 6.23E-13 | 2998 | 5.65E-13 | 3100 | 9.87E-13 |
| 1980 | 7.75E-15 | 2082 | -3.84E-14 | 2184 | 6.24E-14 | 2286 | 1.12E-13 | 2388 | 3.91E-14 | 2490 | 5.24E-14 | 2592 | 3.73E-14 | 2694 | 1.33E-13 | 2796 | 2.41E-13 | 2898 | 7.12E-13 | 3000 | 5.10E-13 | 3102 | 1.11E-12 |
| 1982 | 3.10E-13 | 2084 | -7.22E-14 | 2186 | 4.54E-14 | 2288 | 1.29E-14 | 2390 | 5.33E-14 | 2492 | 2.52E-14 | 2594 | 3.79E-14 | 2696 | 1.32E-13 | 2798 | 2.44E-13 | 2900 | 7.76E-13 | 3002 | 5.04E-13 | 3104 | 1.30E-12 |
| 1984 | 2.35E-13 | 2086 | -2.93E-13 | 2188 | 1.36E-13 | 2290 | -2.29E-14 | 2392 | 7.03E-15 | 2494 | 3.55E-14 | 2596 | 4.54E-14 | 2698 | 1.23E-13 | 2800 | 2.27E-13 | 2902 | 7.83E-13 | 3004 | 5.27E-13 | 3106 | 1.55E-12 |
| 1986 | -2.72E-13 | 2088 | -2.29E-13 | 2190 | 1.17E-13 | 2292 | -1.09E-14 | 2394 | 4.05E-14 | 2496 | 2.14E-14 | 2598 | 6.33E-14 | 2700 | 1.30E-13 | 2802 | 2.09E-13 | 2904 | 7.85E-13 | 3006 | 5.59E-13 | 3108 | 1.78E-12 |
| 1988 | -7.20E-14 | 2090 | 6.88E-14 | 2192 | -1.32E-13 | 2294 | 4.15E-14 | 2396 | 1.11E-14 | 2498 | 5.23E-14 | 2600 | 6.31E-14 | 2702 | 1.34E-13 | 2804 | 2.13E-13 | 2906 | 7.80E-13 | 3008 | 5.76E-13 | 3110 | 1.99E-12 |
| 1990 | -4.70E-14 | 2092 | 1.45E-13 | 2194 | -4.37E-14 | 2296 | 1.77E-13 | 2398 | -7.81E-15 | 2500 | 3.09E-14 | 2602 | 6.74E-14 | 2704 | 1.34E-13 | 2806 | 2.09E-13 | 2908 | 7.73E-13 | 3010 | 6.14E-13 | 3112 | 2.04E-12 |
| 1992 | -1.66E-13 | 2094 | 2.35E-13 | 2196 | -4.43E-15 | 2298 | 6.78E-14 | 2400 | 3.63E-14 | 2502 | 4.98E-14 | 2604 | 6.39E-14 | 2706 | 1.49E-13 | 2808 | 1.86E-13 | 2910 | 7.79E-13 | 3012 | 6.59E-13 | 3114 | 1.93E-12 |
| 1994 | 1.93E-14 | 2096 | -2.54E-13 | 2198 | -2.35E-14 | 2300 | -1.95E-14 | 2402 | 6.30E-14 | 2504 | 9.42E-14 | 2606 | 6.10E-14 | 2708 | 1.53E-13 | 2810 | 1.83E-13 | 2912 | 8.12E-13 | 3014 | 6.34E-13 | 3116 | 1.76E-12 |
| 1996 | 1.54E-13 | 2098 | -2.66E-13 | 2200 | 7.43E-14 | 2302 | 2.99E-15 | 2404 | 4.51E-14 | 2506 | 3.64E-14 | 2608 | 7.04E-14 | 2710 | 1.55E-13 | 2812 | 1.95E-13 | 2914 | 8.37E-13 | 3016 | 5.43E-13 | 3118 | 1.55E-12 |
| 1998 | 5.30E-14 | 2100 | -1.29E-13 | 2202 | -8.77E-14 | 2304 | 2.44E-15 | 2406 | -3.38E-14 | 2508 | 1.48E-15 | 2610 | 5.52E-14 | 2712 | 1.58E-13 | 2814 | 2.00E-13 | 2916 | 8.41E-13 | 3018 | 4.40E-13 | 3120 | 1.42E-12 |
| 2000 | -1.61E-13 | 2102 | 9.92E-14 | 2204 | 2.96E-14 | 2306 | -9.09E-14 | 2408 | 5.87E-14 | 2510 | 3.72E-14 | 2612 | 5.32E-14 | 2714 | 1.78E-13 | 2816 | 2.13E-13 | 2918 | 8.43E-13 | 3020 | 3.97E-13 | 3122 | 1.37E-12 |
| 2002 | -3.53E-13 | 2104 | 1.68E-13 | 2206 | -3.58E-14 | 2308 | -8.83E-14 | 2410 | 8.31E-14 | 2512 | 4.97E-14 | 2614 | 4.96E-14 | 2716 | 1.82E-13 | 2818 | 2.31E-13 | 2920 | 8.54E-13 | 3022 | 4.50E-13 | 3124 | 1.35E-12 |
| 2004 | -7.38E-14 | 2106 | -3.30E-14 | 2208 | -1.95E-14 | 2310 | 1.06E-13 | 2412 | -5.11E-15 | 2514 | 3.11E-14 | 2616 | 4.80E-14 | 2718 | 1.51E-13 | 2820 | 2.33E-13 | 2922 | 8.72E-13 | 3024 | 5.41E-13 | 3126 | 1.38E-12 |
| 2006 | -1.96E-13 | 2108 | -1.21E-13 | 2210 | 1.42E-13 | 2312 | 6.37E-14 | 2414 | -2.46E-14 | 2516 | 5.83E-14 | 2618 | 5.32E-14 | 2720 | 1.26E-13 | 2822 | 2.46E-13 | 2924 | 8.30E-13 | 3026 | 6.55E-13 | 3128 | 1.48E-12 |
| 2008 | -1.54E-13 | 2110 | 1.42E-14 | 2212 | 5.60E-14 | 2314 | -5.22E-14 | 2416 | -3.55E-14 | 2518 | 8.57E-14 | 2620 | 6.32E-14 | 2722 | 1.27E-13 | 2824 | 2.58E-13 | 2926 | 7.72E-13 | 3028 | 7.95E-13 | 3130 | 1.56E-12 |
| 2010 | -1.26E-13 | 2112 | 7.03E-14 | 2214 | -3.47E-15 | 2316 | -3.55E-14 | 2418 | 3.70E-14 | 2520 | 6.56E-14 | 2622 | 6.31E-14 | 2724 | 1.50E-13 | 2826 | 2.57E-13 | 2928 | 7.66E-13 | 3030 | 9.64E-13 | 3132 | 1.60E-12 |
| 2012 | -3.21E-13 | 2114 | -7.89E-14 | 2216 | 1.14E-13 | 2318 | 9.08E-14 | 2420 | 5.45E-14 | 2522 | -1.56E-16 | 2624 | 5.35E-14 | 2726 | 1.51E-13 | 2828 | 2.60E-13 | 2930 | 8.14E-13 | 3032 | 1.13E-12 | 3134 | 1.62E-12 |
| 2014 | -6.59E-14 | 2116 | 1.19E-13 | 2218 | 7.65E-14 | 2320 | 2.64E-14 | 2422 | 3.79E-14 | 2524 | 2.52E-14 | 2626 | 6.01E-14 | 2728 | 1.54E-13 | 2830 | 2.53E-13 | 2932 | 8.91E-13 | 3034 | 1.15E-12 | 3136 | 1.71E-12 |
| 2016 | 1.93E-13 | 2118 | 1.04E-13 | 2220 | 7.94E-14 | 2322 | -4.31E-15 | 2424 | 3.60E-14 | 2526 | 1.99E-14 | 2628 | 6.96E-14 | 2730 | 1.77E-13 | 2832 | 2.48E-13 | 2934 | 9.01E-13 | 3036 | 1.04E-12 | 3138 | 1.81E-12 |
| 2018 | -6.35E-14 | 2120 | -2.23E-13 | 2222 | 2.96E-15 | 2324 | 9.80E-14 | 2426 | 1.35E-14 | 2528 | 4.63E-14 | 2630 | 9.31E-14 | 2732 | 1.88E-13 | 2834 | 2.64E-13 | 2936 | 8.11E-13 | 3038 | 9.44E-13 | 3140 | 1.81E-12 |
| 2020 | -3.52E-13 | 2122 | 2.66E-13 | 2224 | -1.80E-14 | 2326 | 6.98E-14 | 2428 | 5.10E-14 | 2530 | 2.23E-14 | 2632 | 9.18E-14 | 2734 | 1.76E-13 | 2836 | 2.58E-13 | 2938 | 7.30E-13 | 3040 | 9.13E-13 | 3142 | 1.69E-12 |
| 2022 | -3.68E-13 | 2124 | 1.10E-13 | 2226 | 2.67E-14 | 2328 | 1.10E-14 | 2430 | 6.76E-14 | 2532 | 6.40E-15 | 2634 | 7.03E-14 | 2736 | 1.51E-13 | 2838 | 2.31E-13 | 2940 | 7.11E-13 | 3042 | 9.44E-13 | 3144 | 1.56E-12 |
| 2024 | 4.34E-15 | 2126 | -1.24E-13 | 2228 | 6.26E-14 | 2330 | 2.09E-14 | 2432 | 3.82E-14 | 2534 | 5.26E-14 | 2636 | 1.17E-13 | 2738 | 1.44E-13 | 2840 | 2.09E-13 | 2942 | 7.31E-13 | 3044 | 1.01E-12 | 3146 | 1.57E-12 |
| 2026 | 8.26E-15 | 2128 | 1.30E-13 | 2230 | 9.19E-14 | 2332 | -7.69E-15 | 2434 | 4.26E-14 | 2536 | 4.83E-14 | 2638 | 1.46E-13 | 2740 | 1.42E-13 | 2842 | 2.03E-13 | 2944 | 7.48E-13 | 3046 | 1.05E-12 | 3148 | 1.73E-12 |
| 2028 | -1.07E-13 | 2130 | 1.69E-13 | 2232 | 1.07E-13 | 2334 | 4.68E-14 | 2436 | -1.96E-14 | 2538 | 6.18E-15 | 2640 | 1.28E-13 | 2742 | 1.39E-13 | 2844 | 1.98E-13 | 2946 | 7.21E-13 | 3048 | 1.07E-12 | 3150 | 1.84E-12 |
| 2030 | -2.97E-13 | 2132 | -8.18E-14 | 2234 | -4.68E-15 | 2336 | 1.26E-13 | 2438 | -1.89E-15 | 2540 | 2.47E-14 | 2642 | 1.30E-13 | 2744 | 1.38E-13 | 2846 | 1.71E-13 | 2948 | 6.98E-13 | 3050 | 1.12E-12 | 3152 | 1.79E-12 |
| 2032 | -3.69E-14 | 2134 | -1.58E-13 | 2236 | -5.26E-14 | 2338 | 1.46E-13 | 2440 | 2.40E-14 | 2542 | 3.29E-14 | 2644 | | 2746 | 1.55E-13 | 2848 | | 2950 | 7.40E-13 | 3052 | 1.15E-12 | 3154 | 1.64E-12 |
| 2034 | 4.15E-14 | 2136 | -1.45E-13 | 2238 | -3.65E-14 | 2340 | 5.06E-14 | 2442 | -3.24E-14 | 2544 | 4.04E-14 | 2646 | | 2748 | 1.59E-13 | 2850 | | 2952 | 7.85E-13 | 3054 | | 3156 | 1.46E-12 |
| 2036 | -1.73E-13 | 2138 | -6.16E-15 | 2240 | 1.32E-13 | 2342 | -3.54E-15 | 2444 | -5.21E-14 | 2546 | 3.98E-15 | 2648 | | 2750 | 1.62E-13 | 2852 | | 2954 | 7.70E-13 | 3056 | | 3158 | 1.37E-12 |
| 2038 | -2.28E-13 | 2140 | -6.21E-14 | 2242 | 1.63E-13 | 2344 | 1.42E-14 | 2446 | -3.75E-14 | 2548 | 1.09E-14 | 2650 | 1.12E-13 | 2752 | 1.59E-13 | 2854 | | 2956 | 7.34E-13 | 3058 | | 3160 | 1.37E-12 |
| 2040 | -2.84E-13 | 2142 | -8.83E-15 | 2244 | 2.31E-14 | 2346 | 1.24E-14 | 2448 | -6.81E-15 | 2550 | 4.05E-14 | 2652 | 1.26E-13 | 2754 | 1.59E-13 | 2856 | 1.31E-13 | 2958 | 7.68E-13 | 3060 | | 3162 | 1.47E-12 |
| 2042 | -1.21E-13 | 2144 | 7.20E-15 | 2246 | 4.94E-14 | 2348 | 6.59E-14 | 2450 | -2.01E-14 | 2552 | 3.18E-14 | 2654 | 1.41E-13 | 2756 | 1.66E-13 | 2858 | 1.47E-13 | 2960 | 8.08E-13 | 3062 | 8.49E-13 | 3164 | 1.62E-12 |
| 2044 | 4.01E-14 | 2146 | 2.32E-14 | 2248 | 1.27E-13 | 2350 | 3.53E-14 | 2452 | 1.49E-14 | 2554 | 4.46E-14 | 2656 | 1.39E-13 | 2758 | 1.74E-13 | 2860 | 1.78E-13 | 2962 | 8.09E-13 | 3064 | 8.42E-13 | 3166 | 1.80E-12 |
| 2046 | -1.08E-13 | 2148 | 6.53E-14 | 2250 | 1.20E-13 | 2352 | 4.49E-14 | 2454 | 5.31E-14 | 2556 | 4.27E-14 | 2658 | 1.52E-13 | 2760 | 1.89E-13 | 2862 | 1.94E-13 | 2964 | 7.05E-13 | 3066 | 8.38E-13 | 3168 | 1.92E-12 |
| 2048 | 3.06E-15 | 2150 | -4.60E-14 | 2252 | 2.63E-14 | 2354 | -5.73E-14 | 2456 | 1.62E-14 | 2558 | 5.49E-14 | 2660 | 1.69E-13 | 2762 | 2.05E-13 | 2864 | 1.96E-13 | 2966 | 5.59E-13 | 3068 | 9.37E-13 | 3170 | 2.08E-12 |
| 2050 | -2.65E-14 | 2152 | -9.21E-14 | 2254 | 2.39E-14 | 2356 | -4.38E-14 | 2458 | 3.18E-14 | 2560 | 5.88E-14 | 2662 | 1.50E-13 | 2764 | 2.30E-13 | 2866 | 2.31E-13 | 2968 | 4.72E-13 | 3070 | 1.06E-12 | 3172 | 2.32E-12 |
| 2052 | -1.47E-13 | 2154 | -5.00E-14 | 2256 | 1.51E-13 | 2358 | -7.80E-15 | 2460 | 2.47E-14 | 2562 | 3.83E-14 | 2664 | 1.37E-13 | 2766 | 2.24E-13 | 2868 | 2.65E-13 | 2970 | 4.70E-13 | 3072 | 1.14E-12 | 3174 | 2.42E-12 |
| 2054 | 7.37E-14 | 2156 | 2.48E-14 | 2258 | 1.60E-13 | 2360 | 4.79E-15 | 2462 | 1.15E-15 | 2564 | 4.07E-14 | 2666 | 1.50E-13 | 2768 | 2.10E-13 | 2870 | 2.99E-13 | 2972 | 5.21E-13 | 3074 | 1.18E-12 | 3176 | 2.37E-12 |
| 2056 | 8.27E-14 | 2158 | -1.89E-14 | 2260 | 1.02E-13 | 2362 | -1.51E-14 | 2464 | 7.35E-15 | 2566 | 4.28E-14 | 2668 | 1.36E-13 | 2770 | 2.05E-13 | 2872 | 3.06E-13 | 2974 | 6.47E-13 | 3076 | 1.15E-12 | 3178 | 2.10E-12 |
| 2058 | 2.21E-13 | 2160 | 1.28E-13 | 2262 | -5.93E-14 | 2364 | -1.64E-14 | 2466 | 6.33E-14 | 2568 | 5.81E-14 | 2670 | 1.14E-13 | 2772 | 2.20E-13 | 2874 | 2.89E-13 | 2976 | 8.16E-13 | 3078 | 1.20E-12 | 3180 | 1.86E-12 |
| 2060 | 3.71E-13 | 2162 | 6.51E-14 | 2264 | 4.03E-14 | 2366 | 2.79E-14 | 2468 | 4.04E-14 | 2570 | 3.85E-14 | 2672 | 1.09E-13 | 2774 | 2.51E-13 | 2876 | 2.83E-13 | 2978 | 9.08E-13 | 3080 | 1.24E-12 | 3182 | 1.72E-12 |
| 2062 | 2.01E-13 | 2164 | 9.67E-15 | 2266 | 1.10E-13 | 2368 | 9.55E-15 | 2470 | 6.01E-14 | 2572 | 2.81E-14 | 2674 | 1.29E-13 | 2776 | 2.34E-13 | 2878 | 2.79E-13 | 2980 | 8.24E-13 | 3082 | 1.28E-12 | 3184 | 1.75E-12 |
| 2064 | -6.31E-14 | 2166 | 2.01E-14 | 2268 | 7.47E-14 | 2370 | -3.11E-14 | 2472 | 2.22E-14 | 2574 | 4.13E-14 | 2676 | 1.45E-13 | 2778 | 2.07E-13 | 2880 | 2.72E-13 | 2982 | 6.45E-13 | 3084 | 1.32E-12 | 3186 | 1.80E-12 |
| 2066 | -2.13E-14 | 2168 | -1.65E-13 | 2270 | 2.07E-14 | 2372 | 5.11E-14 | 2474 | 3.43E-14 | 2576 | 5.60E-14 | 2678 | 1.35E-13 | 2780 | 1.94E-13 | 2882 | 3.03E-13 | 2984 | 5.21E-13 | 3086 | 1.30E-12 | 3188 | 1.78E-12 |
| 2068 | 1.03E-13 | 2170 | 4.82E-14 | 2272 | -4.18E-14 | 2374 | 3.14E-14 | 2476 | 2.28E-14 | 2578 | 2.87E-14 | 2680 | 1.40E-13 | 2782 | 1.96E-13 | 2884 | 3.70E-13 | 2986 | 5.28E-13 | 3088 | 1.22E-12 | 3190 | 1.77E-12 |
| 2070 | -3.72E-14 | 2172 | 2.18E-13 | 2274 | 3.61E-14 | 2376 | 2.42E-15 | 2478 | 6.03E-14 | 2580 | 5.20E-14 | 2682 | 1.46E-13 | 2784 | 1.99E-13 | 2886 | 4.28E-13 | 2988 | 6.00E-13 | 3090 | 1.16E-12 | 3192 | 1.73E-12 |
| 2072 | -2.72E-14 | 2174 | -3.89E-14 | 2276 | 8.20E-14 | 2378 | 3.69E-15 | 2480 | 4.90E-14 | 2582 | 6.17E-14 | 2684 | 1.49E-13 | 2786 | 1.70E-13 | 2888 | 4.82E-13 | 2990 | 6.92E-13 | 3092 | 1.11E-12 | 3194 | 1.74E-12 |
| 2074 | -1.15E-13 | 2176 | 3.53E-14 | 2278 | 6.72E-14 | 2380 | 5.22E-15 | 2482 | -2.25E-14 | 2584 | 3.62E-14 | 2686 | 1.57E-13 | 2788 | 1.58E-13 | 2890 | 5.14E-13 | 2992 | 7.04E-13 | 3094 | 1.08E-12 | 3196 | 1.90E-12 |
| 2076 | 1.39E-15 | 2178 | 2.49E-13 | 2280 | -8.71E-15 | 2382 | 4.57E-15 | 2484 | -3.39E-15 | 2586 | 2.79E-14 | 2688 | 1.64E-13 | 2790 | 1.56E-13 | 2892 | 5.70E-13 | 2994 | 6.62E-13 | 3096 | 1.06E-12 | 3198 | 2.08E-12 |


HD 6203 K0 III-IV V=5.43 (B-V)=1.11 E(B-V)=0.10
LAP: LWP 7536, LWP 7537
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 19476 K0 III V=3.80 (B-V)=0.98 E(B-V)=-0.03**

**LAP: LWP 7026**

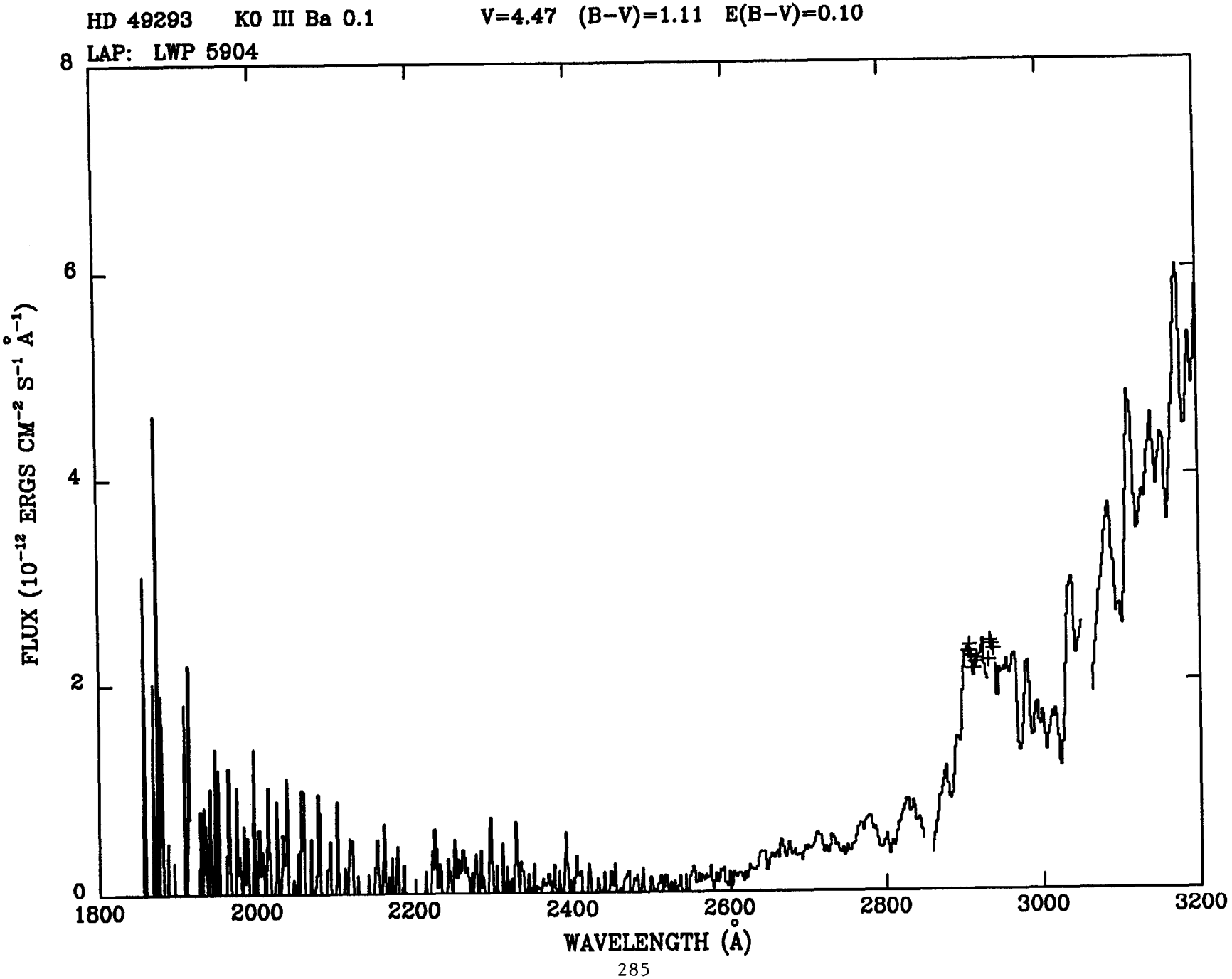
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -3.21E-13 | 2078 | 4.92E-13 | 2180 | 4.62E-14 | 2282 | 3.26E-13 | 2384 | 1.83E-13 | 2486 | 3.44E-13 | 2588 | 7.07E-13 | 2690 | 1.44E-12 | 2792 | 1.48E-12 | 2894 | 5.35E-12 | 2996 | 5.52E-12 | 3098 | 8.87E-12 |
| 1978 | 6.58E-14 | 2080 | -3.64E-13 | 2182 | 2.21E-13 | 2284 | 3.55E-13 | 2386 | 1.73E-13 | 2488 | 4.09E-13 | 2590 | 7.64E-13 | 2692 | 1.45E-12 | 2794 | 1.40E-12 | 2896 | 5.85E-12 | 2998 | 5.20E-12 | 3100 | 8.67E-12 |
| 1980 | 2.63E-13 | 2082 | -3.06E-13 | 2184 | 3.09E-13 | 2286 | 3.07E-13 | 2388 | 3.18E-13 | 2490 | 2.83E-13 | 2592 | 7.22E-13 | 2694 | 1.49E-12 | 2796 | 1.39E-12 | 2898 | 6.81E-12 | 3000 | 4.68E-12 | 3102 | 8.90E-12 |
| 1982 | 1.10E-12 | 2084 | -4.30E-13 | 2186 | 1.98E-13 | 2288 | 1.15E-14 | 2390 | 2.60E-13 | 2492 | 1.60E-13 | 2594 | 6.32E-13 | 2696 | 1.49E-12 | 2798 | 1.38E-12 | 2900 | 7.35E-12 | 3002 | 4.20E-12 | 3104 | 1.01E-11 |
| 1984 | 7.49E-13 | 2086 | -8.72E-13 | 2188 | 5.75E-13 | 2290 | 1.91E-13 | 2392 | 2.08E-13 | 2494 | 1.92E-13 | 2596 | 6.08E-13 | 2698 | 1.39E-12 | 2800 | 1.28E-12 | 2902 | | 3004 | 4.07E-12 | 3106 | 1.21E-11 |
| 1986 | 1.49E-13 | 2088 | -1.57E-13 | 2190 | 1.31E-13 | 2292 | 6.20E-14 | 2394 | 2.10E-13 | 2496 | 2.78E-13 | 2598 | 6.68E-13 | 2700 | 1.43E-12 | 2802 | 1.13E-12 | 2904 | | 3006 | 4.39E-12 | 3108 | 1.40E-11 |
| 1988 | 1.42E-15 | 2090 | 2.24E-13 | 2192 | -3.47E-13 | 2294 | 3.01E-13 | 2396 | 1.95E-13 | 2498 | 4.31E-13 | 2600 | 6.29E-13 | 2702 | 1.54E-12 | 2804 | 1.16E-12 | 2906 | | 3008 | 4.72E-12 | 3110 | 1.48E-11 |
| 1990 | -1.02E-13 | 2092 | 1.08E-12 | 2194 | -8.14E-14 | 2296 | 8.46E-13 | 2398 | 2.56E-13 | 2500 | 3.86E-13 | 2602 | 5.70E-13 | 2704 | 1.69E-12 | 2806 | 1.27E-12 | 2908 | 7.65E-12 | 3010 | 5.17E-12 | 3112 | 1.49E-11 |
| 1992 | 1.86E-13 | 2094 | 5.19E-13 | 2196 | -3.89E-14 | 2298 | 2.99E-13 | 2400 | 3.53E-13 | 2502 | 4.79E-13 | 2604 | 6.74E-13 | 2706 | 1.80E-12 | 2808 | 1.36E-12 | 2910 | 7.54E-12 | 3012 | 5.70E-12 | 3114 | 1.43E-11 |
| 1994 | 5.38E-13 | 2096 | -8.96E-13 | 2198 | -1.47E-13 | 2300 | 1.01E-13 | 2402 | 3.48E-13 | 2504 | 5.07E-13 | 2606 | 7.58E-13 | 2708 | 1.82E-12 | 2810 | 1.54E-12 | 2912 | 7.44E-12 | 3014 | 5.92E-12 | 3116 | 1.35E-11 |
| 1996 | 5.85E-13 | 2098 | -5.80E-13 | 2200 | -7.54E-14 | 2302 | 1.90E-13 | 2404 | 2.94E-13 | 2506 | 3.34E-13 | 2608 | 7.80E-13 | 2710 | 1.77E-12 | 2812 | 1.86E-12 | 2914 | | 3016 | 5.78E-12 | 3118 | 1.26E-11 |
| 1998 | -2.14E-13 | 2100 | 5.52E-14 | 2202 | 8.25E-14 | 2304 | 5.84E-14 | 2406 | 2.41E-13 | 2508 | 3.48E-13 | 2610 | 7.21E-13 | 2712 | 1.76E-12 | 2814 | 2.14E-12 | 2916 | | 3018 | 5.20E-12 | 3120 | 1.20E-11 |
| 2000 | -1.35E-13 | 2102 | 6.65E-13 | 2204 | 2.82E-13 | 2306 | -3.31E-13 | 2408 | 5.12E-13 | 2510 | 4.67E-13 | 2612 | 7.05E-13 | 2714 | 1.85E-12 | 2816 | 2.39E-12 | 2918 | | 3020 | 4.49E-12 | 3122 | 1.18E-11 |
| 2002 | 1.46E-13 | 2104 | 5.56E-13 | 2206 | 4.10E-13 | 2308 | -2.39E-13 | 2410 | 5.52E-13 | 2512 | 4.69E-13 | 2614 | 6.91E-13 | 2716 | 1.84E-12 | 2818 | 2.62E-12 | 2920 | | 3022 | 4.26E-12 | 3124 | 1.19E-11 |
| 2004 | -2.03E-13 | 2106 | -5.13E-14 | 2208 | 1.17E-13 | 2310 | 1.36E-13 | 2412 | 4.08E-13 | 2514 | 3.89E-13 | 2616 | 6.62E-13 | 2718 | 1.66E-12 | 2820 | 2.74E-12 | 2922 | 7.77E-12 | 3024 | 4.82E-12 | 3126 | 1.22E-11 |
| 2006 | 2.43E-13 | 2108 | -2.79E-13 | 2210 | 2.01E-13 | 2312 | 1.10E-13 | 2414 | 1.67E-13 | 2516 | 4.28E-13 | 2618 | 7.26E-13 | 2720 | 1.42E-12 | 2822 | 2.87E-12 | 2924 | 7.69E-12 | 3026 | 5.98E-12 | 3128 | 1.22E-11 |
| 2008 | -7.59E-13 | 2110 | -1.29E-13 | 2212 | -3.33E-13 | 2314 | 5.15E-14 | 2416 | 2.04E-13 | 2518 | 4.33E-13 | 2620 | 8.30E-13 | 2722 | 1.29E-12 | 2824 | 2.99E-12 | 2926 | 7.30E-12 | 3028 | 7.14E-12 | 3130 | 1.24E-11 |
| 2010 | -1.84E-13 | 2112 | 2.77E-13 | 2214 | 3.55E-14 | 2316 | 1.05E-13 | 2418 | 3.70E-13 | 2520 | 3.09E-13 | 2622 | 9.04E-13 | 2724 | 1.29E-12 | 2826 | 3.00E-12 | 2928 | 7.15E-12 | 3030 | 8.40E-12 | 3132 | 1.27E-11 |
| 2012 | -5.66E-14 | 2114 | 1.34E-13 | 2216 | 4.10E-13 | 2318 | 3.64E-13 | 2420 | 3.56E-13 | 2522 | 2.85E-13 | 2624 | 9.61E-13 | 2726 | 1.46E-12 | 2828 | 3.01E-12 | 2930 | 7.38E-12 | 3032 | 9.32E-12 | 3134 | 1.30E-11 |
| 2014 | 8.69E-13 | 2116 | 7.11E-13 | 2218 | 2.45E-13 | 2320 | 1.08E-13 | 2422 | 3.48E-13 | 2524 | 2.16E-13 | 2626 | 1.03E-12 | 2728 | 1.62E-12 | 2830 | 3.02E-12 | 2932 | 7.87E-12 | 3034 | 9.77E-12 | 3136 | 1.34E-11 |
| 2016 | 8.02E-13 | 2118 | 4.63E-13 | 2220 | 2.20E-13 | 2322 | 2.08E-13 | 2424 | 2.83E-13 | 2526 | 2.67E-13 | 2628 | 9.72E-13 | 2730 | 1.80E-12 | 2832 | 3.04E-12 | 2934 | 8.24E-12 | 3036 | 9.75E-12 | 3138 | 1.38E-11 |
| 2018 | -4.64E-13 | 2120 | 2.63E-13 | 2222 | 3.58E-13 | 2324 | 4.43E-13 | 2426 | 2.35E-13 | 2528 | 2.92E-13 | 2630 | 8.92E-13 | 2732 | 1.94E-12 | 2834 | 3.15E-12 | 2936 | 7.93E-12 | 3038 | 8.90E-12 | 3140 | 1.39E-11 |
| 2020 | -8.40E-13 | 2122 | 8.99E-13 | 2224 | 4.03E-13 | 2326 | 3.86E-13 | 2428 | 3.90E-13 | 2530 | 2.19E-13 | 2632 | 8.42E-13 | 2734 | 1.94E-12 | 2836 | 3.04E-12 | 2938 | 7.27E-12 | 3040 | 8.07E-12 | 3142 | 1.33E-11 |
| 2022 | -1.04E-13 | 2124 | -1.20E-13 | 2226 | 2.61E-13 | 2328 | 3.87E-13 | 2430 | 4.22E-13 | 2532 | 3.01E-13 | 2634 | 9.47E-13 | 2736 | 1.82E-12 | 2838 | 2.83E-12 | 2940 | 6.81E-12 | 3042 | 8.02E-12 | 3144 | 1.22E-11 |
| 2024 | 2.29E-13 | 2126 | -1.52E-13 | 2228 | 2.53E-13 | 2330 | 2.18E-13 | 2432 | 4.15E-13 | 2534 | 5.07E-13 | 2636 | 1.12E-12 | 2738 | 1.67E-12 | 2840 | 2.78E-12 | 2942 | 6.86E-12 | 3044 | 8.44E-12 | 3146 | 1.20E-11 |
| 2026 | 1.02E-14 | 2128 | 6.01E-13 | 2230 | 3.70E-13 | 2332 | 2.03E-13 | 2434 | 4.22E-13 | 2536 | 4.25E-13 | 2638 | 1.34E-12 | 2740 | 1.50E-12 | 2842 | 2.71E-12 | 2944 | 7.06E-12 | 3046 | 8.83E-12 | 3148 | 1.28E-11 |
| 2028 | -5.19E-13 | 2130 | 4.13E-13 | 2232 | -5.27E-14 | 2334 | 4.21E-13 | 2436 | 1.67E-13 | 2538 | 3.58E-13 | 2640 | 1.52E-12 | 2742 | 1.35E-12 | 2844 | 2.44E-12 | 2946 | 7.00E-12 | 3048 | 8.90E-12 | 3150 | 1.37E-11 |
| 2030 | 4.69E-14 | 2132 | -6.72E-14 | 2234 | -4.38E-13 | 2336 | 7.73E-13 | 2438 | 4.29E-13 | 2540 | 3.70E-13 | 2642 | 1.55E-12 | 2744 | 1.25E-12 | 2846 | 2.12E-12 | 2948 | 6.77E-12 | 3050 | 8.95E-12 | 3152 | 1.40E-11 |
| 2032 | -2.61E-13 | 2134 | -3.96E-13 | 2236 | -4.97E-14 | 2338 | 7.02E-13 | 2440 | 4.88E-13 | 2542 | 3.89E-13 | 2644 | 1.44E-12 | 2746 | 1.31E-12 | 2848 | | 2950 | 6.91E-12 | 3052 | 9.15E-12 | 3154 | 1.37E-11 |
| 2034 | -5.35E-13 | 2136 | -2.41E-13 | 2238 | 1.94E-13 | 2340 | 3.64E-13 | 2442 | 2.86E-13 | 2544 | 4.19E-13 | 2646 | | 2748 | 1.37E-12 | 2850 | | 2952 | 7.13E-12 | 3054 | | 3156 | 1.28E-11 |
| 2036 | 2.73E-13 | 2138 | -9.76E-14 | 2240 | 2.69E-13 | 2342 | 2.23E-13 | 2444 | 2.18E-13 | 2546 | 4.09E-13 | 2648 | 1.25E-12 | 2750 | 1.41E-12 | 2852 | | 2954 | 7.12E-12 | 3056 | | 3158 | 1.18E-11 |
| 2038 | 9.08E-14 | 2140 | -2.07E-13 | 2242 | 5.26E-13 | 2344 | 1.39E-13 | 2446 | 3.69E-13 | 2548 | 4.49E-13 | 2650 | 1.26E-12 | 2752 | 1.45E-12 | 2854 | | 2956 | 7.15E-12 | 3058 | | 3160 | 1.10E-11 |
| 2040 | -4.28E-13 | 2142 | 9.05E-14 | 2244 | 1.46E-13 | 2346 | 9.78E-14 | 2448 | 4.16E-13 | 2550 | 4.65E-13 | 2652 | 1.26E-12 | 2754 | 1.65E-12 | 2856 | 1.16E-12 | 2958 | 7.44E-12 | 3060 | | 3162 | 1.12E-11 |
| 2042 | -2.36E-13 | 2144 | 1.93E-13 | 2246 | 2.18E-13 | 2348 | 1.24E-13 | 2450 | 3.81E-13 | 2552 | 4.67E-13 | 2654 | 1.29E-12 | 2756 | 1.84E-12 | 2858 | 1.40E-12 | 2960 | 7.93E-12 | 3062 | 7.73E-12 | 3164 | 1.24E-11 |
| 2044 | -1.04E-13 | 2146 | 3.11E-13 | 2248 | 5.29E-13 | 2350 | 2.36E-13 | 2452 | 4.64E-13 | 2554 | 5.27E-13 | 2656 | 1.35E-12 | 2758 | 1.92E-12 | 2860 | 1.89E-12 | 2962 | 8.02E-12 | 3064 | 8.21E-12 | 3166 | 1.37E-11 |
| 2046 | -3.85E-13 | 2148 | 4.14E-13 | 2250 | 3.26E-13 | 2352 | 1.62E-13 | 2454 | 4.34E-13 | 2556 | 5.50E-13 | 2658 | 1.50E-12 | 2760 | 1.96E-12 | 2862 | 2.30E-12 | 2964 | 7.44E-12 | 3066 | 8.56E-12 | 3168 | 1.47E-11 |
| 2048 | -2.95E-13 | 2150 | 3.97E-13 | 2252 | 3.79E-14 | 2354 | 7.41E-14 | 2456 | 2.79E-13 | 2558 | 6.55E-13 | 2660 | 1.62E-12 | 2762 | 2.10E-12 | 2864 | 2.62E-12 | 2966 | 6.04E-12 | 3068 | 8.77E-12 | 3170 | 1.60E-11 |
| 2050 | -4.56E-13 | 2152 | -7.96E-15 | 2254 | 1.10E-13 | 2356 | 8.05E-14 | 2458 | 3.27E-13 | 2560 | 6.74E-13 | 2662 | 1.55E-12 | 2764 | 2.28E-12 | 2866 | 2.96E-12 | 2968 | 5.17E-12 | 3070 | 9.22E-12 | 3172 | 1.73E-11 |
| 2052 | -3.50E-13 | 2154 | 3.96E-13 | 2256 | 2.30E-13 | 2358 | 2.18E-13 | 2460 | 3.54E-13 | 2562 | 6.29E-13 | 2664 | 1.58E-12 | 2766 | 2.39E-12 | 2868 | 3.23E-12 | 2970 | 4.86E-12 | 3072 | 1.01E-11 | 3174 | 1.77E-11 |
| 2054 | 2.58E-13 | 2156 | 3.75E-13 | 2258 | 2.69E-13 | 2360 | 2.38E-13 | 2462 | 3.13E-13 | 2564 | 6.36E-13 | 2666 | 1.56E-12 | 2768 | 2.53E-12 | 2870 | 3.41E-12 | 2972 | 5.11E-12 | 3074 | 1.07E-11 | 3176 | 1.75E-11 |
| 2056 | 4.96E-13 | 2158 | 2.54E-13 | 2260 | -9.68E-14 | 2362 | 1.62E-13 | 2464 | 2.77E-13 | 2566 | 6.15E-13 | 2668 | 1.48E-12 | 2770 | 2.52E-12 | 2872 | 3.70E-12 | 2974 | 5.79E-12 | 3076 | 1.06E-11 | 3178 | 1.65E-11 |
| 2058 | 9.34E-13 | 2160 | 6.07E-13 | 2262 | -1.07E-13 | 2364 | 7.63E-14 | 2466 | 3.23E-13 | 2568 | 6.35E-13 | 2670 | 1.49E-12 | 2772 | 2.45E-12 | 2874 | 3.80E-12 | 2976 | 6.79E-12 | 3078 | 1.08E-11 | 3180 | 1.53E-11 |
| 2060 | 6.17E-13 | 2162 | 1.62E-13 | 2264 | 2.33E-13 | 2366 | 1.63E-13 | 2468 | 3.39E-13 | 2570 | 5.95E-13 | 2672 | 1.49E-12 | 2774 | 2.42E-12 | 2876 | 3.63E-12 | 2978 | 7.58E-12 | 3080 | 1.09E-11 | 3182 | 1.43E-11 |
| 2062 | -4.45E-13 | 2164 | -1.31E-13 | 2266 | 3.50E-13 | 2368 | 2.24E-13 | 2470 | 4.32E-13 | 2572 | 6.48E-13 | 2674 | 1.52E-12 | 2776 | 2.39E-12 | 2878 | 3.38E-12 | 2980 | 7.70E-12 | 3082 | 1.08E-11 | 3184 | 1.40E-11 |
| 2064 | -5.04E-13 | 2166 | -1.05E-13 | 2268 | 9.83E-14 | 2370 | 1.97E-13 | 2472 | 3.24E-13 | 2574 | 7.44E-13 | 2676 | 1.56E-12 | 2778 | 2.36E-12 | 2880 | 3.16E-12 | 2982 | 6.58E-12 | 3084 | 1.08E-11 | 3186 | 1.47E-11 |
| 2066 | 1.72E-13 | 2168 | -2.29E-13 | 2270 | -2.60E-14 | 2372 | 1.65E-13 | 2474 | 3.26E-13 | 2576 | 7.69E-13 | 2678 | 1.58E-12 | 2780 | 2.26E-12 | 2882 | 3.07E-12 | 2984 | 5.24E-12 | 3086 | 1.10E-11 | 3188 | 1.54E-11 |
| 2068 | -3.34E-13 | 2170 | 4.40E-13 | 2272 | 4.47E-14 | 2374 | 1.80E-13 | 2476 | 2.57E-13 | 2578 | 6.36E-13 | 2680 | 1.56E-12 | 2782 | 2.05E-12 | 2884 | 3.38E-12 | 2986 | 4.78E-12 | 3088 | 1.07E-11 | 3190 | 1.53E-11 |
| 2070 | -3.57E-13 | 2172 | 3.95E-13 | 2274 | 3.11E-13 | 2376 | 2.39E-13 | 2478 | 4.57E-13 | 2580 | 7.01E-13 | 2682 | 1.53E-12 | 2784 | 1.88E-12 | 2886 | 4.03E-12 | 2988 | 5.16E-12 | 3090 | 1.03E-11 | 3192 | 1.46E-11 |
| 2072 | -9.49E-14 | 2174 | 8.10E-14 | 2276 | 4.25E-13 | 2378 | 1.46E-13 | 2480 | 4.14E-13 | 2582 | 6.84E-13 | 2684 | 1.45E-12 | 2786 | 1.77E-12 | 2888 | 4.68E-12 | 2990 | 6.03E-12 | 3092 | 9.31E-12 | 3194 | 1.42E-11 |
| 2074 | 2.02E-13 | 2176 | 2.18E-13 | 2278 | 1.48E-13 | 2380 | 1.76E-13 | 2482 | 2.70E-13 | 2584 | 6.92E-13 | 2686 | 1.43E-12 | 2788 | 1.74E-12 | 2890 | 4.91E-12 | 2992 | 6.34E-12 | 3094 | 8.81E-12 | 3196 | 1.49E-11 |
| 2076 | 8.89E-13 | 2178 | -6.47E-14 | 2280 | 1.25E-13 | 2382 | 2.33E-13 | 2484 | 2.69E-13 | 2586 | 7.37E-13 | 2688 | 1.45E-12 | 2790 | 1.65E-12 | 2892 | 5.17E-12 | 2994 | 5.94E-12 | 3096 | 8.94E-12 | 3198 | 1.64E-11 |


HD 19476 K0 III V=3.80 (B-V)=0.98 E(B-V)=-0.03
LAP: LWP 7026
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200

**HD 49293 K0 III Ba 0.1 V=4.47 (B-V)=1.11 E(B-V)=0.10**

**LAP: LWP 5904**

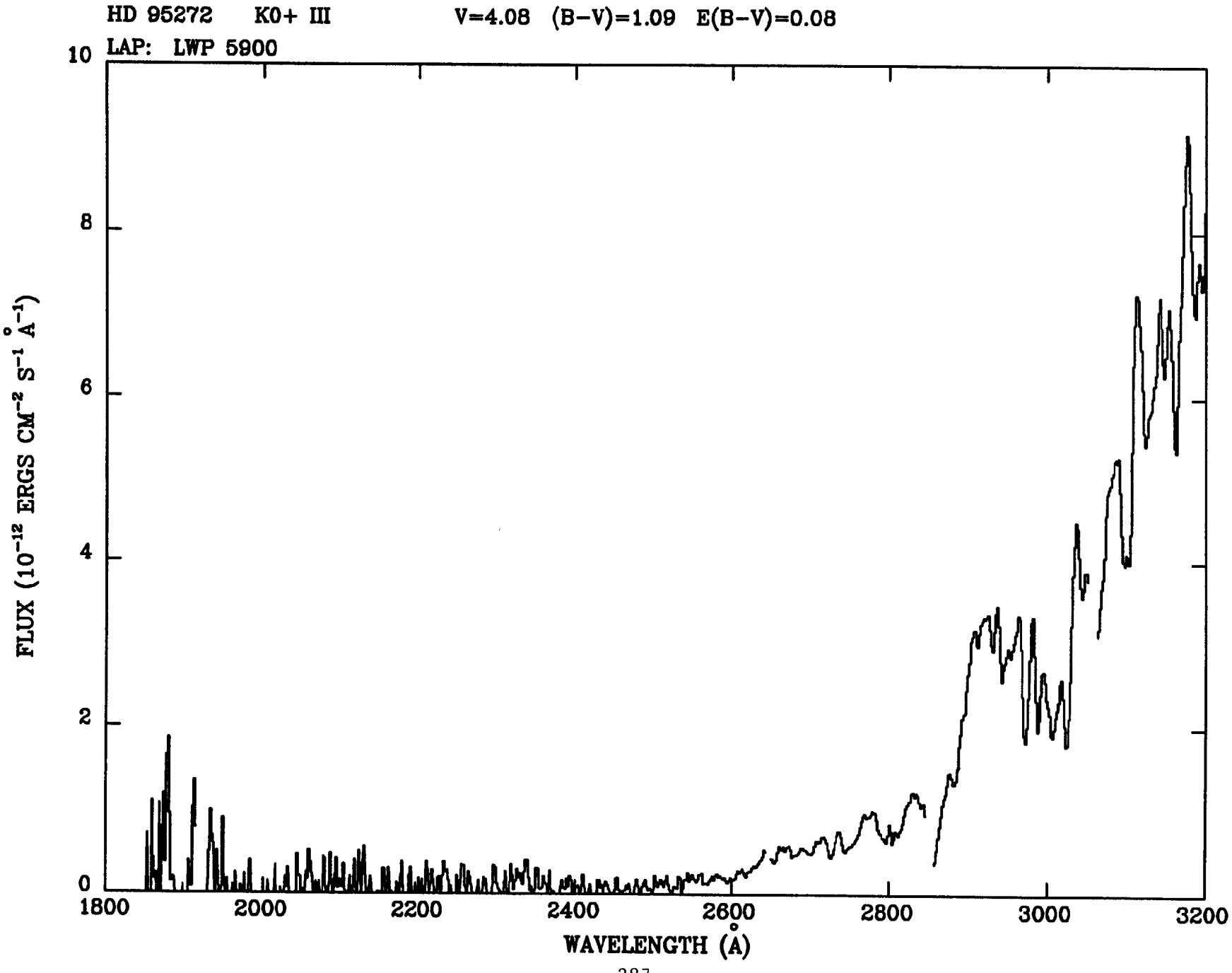
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.96E-13 | 2078 | 8.67E-13 | 2180 | -2.54E-13 | 2282 | 1.93E-13 | 2384 | 4.78E-14 | 2486 | 6.94E-14 | 2588 | 2.01E-13 | 2690 | 3.48E-13 | 2792 | 4.15E-13 | 2894 | 1.42E-12 | 2996 | 1.59E-12 | 3098 | 2.72E-12 |
| 1978 | 2.74E-13 | 2080 | 3.68E-13 | 2182 | -2.79E-13 | 2284 | 1.79E-13 | 2386 | -1.34E-13 | 2488 | 2.04E-13 | 2590 | 2.06E-13 | 2692 | 2.96E-13 | 2794 | 4.12E-13 | 2896 | 1.53E-12 | 2998 | 1.65E-12 | 3100 | 2.59E-12 |
| 1980 | 8.40E-15 | 2082 | -1.05E-13 | 2184 | 1.01E-13 | 2286 | 1.34E-13 | 2388 | 2.62E-14 | 2490 | -1.19E-13 | 2592 | 1.68E-13 | 2694 | 3.68E-13 | 2796 | 4.44E-13 | 2898 | 1.91E-12 | 3000 | 1.68E-12 | 3102 | 2.61E-12 |
| 1982 | 4.64E-13 | 2084 | -8.52E-13 | 2186 | 2.05E-13 | 2288 | -2.30E-14 | 2390 | 4.48E-13 | 2492 | -5.82E-14 | 2594 | 8.47E-14 | 2696 | 4.24E-13 | 2798 | 4.76E-13 | 2900 | 2.15E-12 | 3002 | 1.53E-12 | 3104 | 2.98E-12 |
| 1984 | 1.88E-13 | 2086 | -8.50E-13 | 2188 | 1.31E-14 | 2290 | -3.00E-13 | 2392 | 4.32E-13 | 2494 | -2.14E-14 | 2596 | 6.73E-14 | 2698 | 4.01E-13 | 2800 | 5.19E-13 | 2902 | 2.28E-12 | 3004 | 1.37E-12 | 3106 | 3.50E-12 |
| 1986 | 5.04E-13 | 2088 | 3.66E-14 | 2190 | -1.91E-13 | 2292 | -3.60E-13 | 2394 | 1.13E-13 | 2496 | 2.04E-14 | 2598 | 1.33E-13 | 2700 | 4.29E-13 | 2802 | 4.57E-13 | 2904 | 2.31E-12 | 3006 | 1.45E-12 | 3108 | 3.96E-12 |
| 1988 | 4.11E-13 | 2090 | 2.43E-13 | 2192 | -3.20E-13 | 2294 | 6.33E-13 | 2396 | 4.45E-14 | 2498 | 1.34E-13 | 2600 | 1.00E-13 | 2702 | 4.15E-13 | 2804 | 3.67E-13 | 2906 | | 3008 | 1.53E-12 | 3110 | 4.56E-12 |
| 1990 | -2.72E-13 | 2092 | 4.87E-13 | 2194 | -6.96E-14 | 2296 | 6.78E-13 | 2398 | 2.67E-14 | 2500 | 8.88E-14 | 2602 | 5.71E-14 | 2704 | 4.12E-13 | 2806 | 4.24E-13 | 2908 | | 3010 | 1.63E-12 | 3112 | 4.74E-12 |
| 1992 | -2.41E-13 | 2094 | 3.36E-14 | 2196 | -2.26E-13 | 2298 | 2.13E-13 | 2400 | -1.38E-14 | 2502 | 1.58E-15 | 2604 | 1.61E-13 | 2706 | 4.36E-13 | 2808 | 4.70E-13 | 2910 | | 3012 | 1.69E-12 | 3114 | 4.62E-12 |
| 1994 | 1.87E-13 | 2096 | -2.60E-13 | 2198 | -2.69E-13 | 2300 | -1.34E-13 | 2402 | 1.14E-13 | 2504 | 2.05E-14 | 2606 | 1.61E-13 | 2708 | 4.69E-13 | 2810 | 4.36E-13 | 2912 | | 3014 | 1.65E-12 | 3116 | 4.35E-12 |
| 1996 | 8.62E-13 | 2098 | -2.12E-13 | 2200 | -3.08E-13 | 2302 | 8.39E-14 | 2404 | 3.23E-13 | 2506 | 3.87E-14 | 2608 | 1.39E-13 | 2710 | 5.18E-13 | 2812 | 4.70E-13 | 2914 | | 3016 | 1.70E-12 | 3118 | 3.91E-12 |
| 1998 | -3.72E-13 | 2100 | 2.93E-13 | 2202 | -2.00E-13 | 2304 | 1.74E-13 | 2406 | 1.83E-13 | 2508 | 7.77E-14 | 2610 | 1.74E-13 | 2712 | 5.49E-13 | 2814 | 5.69E-13 | 2916 | | 3018 | 1.59E-12 | 3120 | 3.53E-12 |
| 2000 | 4.40E-14 | 2102 | 6.40E-13 | 2204 | -1.66E-13 | 2306 | -1.48E-13 | 2408 | 1.59E-13 | 2510 | 1.21E-13 | 2612 | 1.72E-13 | 2714 | 5.34E-13 | 2816 | 6.52E-13 | 2918 | 2.23E-12 | 3020 | 1.37E-12 | 3122 | 3.48E-12 |
| 2002 | 5.72E-13 | 2104 | 1.56E-14 | 2206 | -1.32E-13 | 2308 | -1.73E-13 | 2410 | 1.83E-13 | 2512 | 6.31E-14 | 2614 | 1.65E-13 | 2716 | 5.26E-13 | 2818 | 6.76E-13 | 2920 | 2.25E-12 | 3022 | 1.20E-12 | 3124 | 3.60E-12 |
| 2004 | 2.25E-13 | 2106 | -4.26E-13 | 2208 | -5.23E-13 | 2310 | 2.59E-13 | 2412 | 8.67E-15 | 2514 | 3.08E-14 | 2616 | 1.28E-13 | 2718 | 4.51E-13 | 2820 | 7.32E-13 | 2922 | 2.32E-12 | 3024 | 1.28E-12 | 3126 | 3.75E-12 |
| 2006 | 3.99E-13 | 2108 | -3.73E-13 | 2210 | -3.61E-13 | 2312 | 2.22E-14 | 2414 | -2.86E-14 | 2516 | 1.28E-13 | 2618 | 1.29E-13 | 2720 | 3.83E-13 | 2822 | 7.82E-13 | 2924 | 2.39E-12 | 3026 | 1.54E-12 | 3128 | 3.83E-12 |
| 2008 | 2.47E-13 | 2110 | 8.16E-14 | 2212 | 2.11E-16 | 2314 | -5.11E-14 | 2416 | -1.10E-13 | 2518 | 1.55E-13 | 2620 | 1.61E-13 | 2722 | 4.20E-13 | 2824 | 8.41E-13 | 2926 | 2.14E-12 | 3028 | 1.95E-12 | 3130 | 3.83E-12 |
| 2010 | -4.53E-13 | 2112 | 2.26E-13 | 2214 | 1.36E-13 | 2316 | 1.89E-13 | 2418 | 9.92E-15 | 2520 | 1.13E-14 | 2622 | 1.56E-13 | 2724 | 3.92E-13 | 2826 | 8.64E-13 | 2928 | 2.05E-12 | 3030 | 2.45E-12 | 3132 | 3.83E-12 |
| 2012 | 5.73E-13 | 2114 | -3.46E-14 | 2216 | -2.09E-13 | 2318 | -3.72E-14 | 2420 | 2.49E-13 | 2522 | 8.39E-15 | 2624 | 2.22E-13 | 2726 | 3.71E-13 | 2828 | 8.67E-13 | 2930 | 2.01E-12 | 3032 | 2.78E-12 | 3134 | 4.06E-12 |
| 2014 | 8.60E-13 | 2116 | 3.96E-13 | 2218 | -3.79E-13 | 2320 | 5.54E-14 | 2422 | 1.02E-13 | 2524 | 8.45E-14 | 2626 | 2.30E-13 | 2728 | 4.41E-13 | 2830 | 7.94E-13 | 2932 | | 3034 | 2.92E-12 | 3136 | 4.24E-12 |
| 2016 | 2.48E-13 | 2118 | 4.14E-13 | 2220 | 9.37E-14 | 2322 | 1.23E-13 | 2424 | -3.30E-14 | 2526 | -3.27E-15 | 2628 | 2.18E-13 | 2730 | 5.31E-13 | 2832 | 7.73E-13 | 2934 | | 3036 | 2.98E-12 | 3138 | 4.37E-12 |
| 2018 | -2.67E-14 | 2120 | 5.02E-13 | 2222 | 3.22E-13 | 2324 | 4.05E-14 | 2426 | -1.03E-14 | 2528 | 8.27E-14 | 2630 | 2.08E-13 | 2732 | 5.18E-13 | 2834 | 8.48E-13 | 2936 | | 3038 | 2.92E-12 | 3140 | 4.53E-12 |
| 2020 | -2.33E-14 | 2122 | 1.09E-13 | 2224 | 4.42E-13 | 2326 | 3.26E-13 | 2428 | -2.51E-14 | 2530 | 1.11E-14 | 2632 | 2.05E-13 | 2734 | 4.77E-13 | 2836 | 8.10E-13 | 2938 | 2.15E-12 | 3040 | 2.45E-12 | 3142 | 4.41E-12 |
| 2022 | 5.04E-14 | 2124 | -4.47E-13 | 2226 | 4.93E-13 | 2328 | 5.80E-13 | 2430 | 8.82E-14 | 2532 | 3.28E-14 | 2634 | 2.27E-13 | 2736 | 4.41E-13 | 2838 | 6.77E-13 | 2940 | 1.99E-12 | 3042 | 2.28E-12 | 3144 | 4.15E-12 |
| 2024 | 5.82E-13 | 2126 | -4.40E-13 | 2228 | 1.69E-13 | 2330 | 1.89E-13 | 2432 | 1.00E-13 | 2534 | 9.88E-14 | 2636 | 3.11E-13 | 2738 | 4.20E-13 | 2840 | 6.79E-13 | 2942 | 1.85E-12 | 3044 | 2.36E-12 | 3146 | 3.94E-12 |
| 2026 | 2.54E-13 | 2128 | 1.15E-13 | 2230 | 2.21E-13 | 2332 | 6.09E-14 | 2434 | 1.22E-14 | 2536 | 1.02E-13 | 2638 | 3.67E-13 | 2740 | 3.83E-13 | 2842 | 6.94E-13 | 2944 | 2.03E-12 | 3046 | 2.42E-12 | 3148 | 4.08E-12 |
| 2028 | -3.99E-13 | 2130 | -1.28E-13 | 2232 | 2.26E-13 | 2334 | 2.56E-13 | 2436 | -8.51E-14 | 2538 | -1.44E-14 | 2640 | 3.78E-13 | 2742 | 3.71E-13 | 2844 | 6.47E-13 | 2946 | 2.09E-12 | 3048 | 2.51E-12 | 3150 | 4.19E-12 |
| 2030 | 8.48E-14 | 2132 | -3.96E-13 | 2234 | 3.87E-14 | 2336 | 2.06E-13 | 2438 | 5.97E-14 | 2540 | -1.33E-14 | 2642 | 3.79E-13 | 2744 | 3.98E-13 | 2846 | 5.50E-13 | 2948 | 2.09E-12 | 3050 | 2.55E-12 | 3152 | 4.38E-12 |
| 2032 | 5.15E-13 | 2134 | -3.54E-13 | 2236 | -5.07E-13 | 2338 | 4.90E-14 | 2440 | 1.41E-13 | 2542 | 1.11E-13 | 2644 | 3.53E-13 | 2746 | 3.59E-13 | 2848 | 4.93E-13 | 2950 | 2.12E-12 | 3052 | | 3154 | 4.38E-12 |
| 2034 | 2.88E-13 | 2136 | -1.54E-13 | 2238 | -2.34E-13 | 2340 | -1.14E-13 | 2442 | -1.02E-13 | 2544 | -2.03E-15 | 2646 | 2.61E-13 | 2748 | 3.60E-13 | 2850 | | 2952 | 2.10E-12 | 3054 | | 3156 | 4.28E-12 |
| 2036 | 4.22E-13 | 2138 | -2.87E-13 | 2240 | 9.09E-14 | 2342 | 6.84E-14 | 2444 | -7.17E-14 | 2546 | 5.87E-16 | 2648 | 2.16E-13 | 2750 | 4.24E-13 | 2852 | | 2954 | 2.20E-12 | 3056 | | 3158 | 3.79E-12 |
| 2038 | 9.20E-13 | 2140 | 1.95E-15 | 2242 | 2.90E-13 | 2344 | 1.31E-13 | 2446 | 1.12E-13 | 2548 | 1.24E-13 | 2650 | 2.76E-13 | 2752 | 3.92E-13 | 2854 | | 2956 | 2.11E-12 | 3058 | | 3160 | 3.59E-12 |
| 2040 | -1.51E-13 | 2142 | 3.72E-14 | 2244 | 1.81E-13 | 2346 | -1.04E-13 | 2448 | 1.43E-13 | 2550 | 1.83E-13 | 2652 | 3.39E-13 | 2754 | 3.89E-13 | 2856 | | 2958 | 2.09E-12 | 3060 | | 3162 | 3.81E-12 |
| 2042 | -2.37E-13 | 2144 | -8.96E-14 | 2246 | 4.31E-14 | 2348 | -1.52E-13 | 2450 | 6.57E-14 | 2552 | 2.36E-13 | 2654 | 3.51E-13 | 2756 | 4.39E-13 | 2858 | 3.59E-13 | 2960 | 2.15E-12 | 3062 | 1.88E-12 | 3164 | 4.13E-12 |
| 2044 | -1.43E-14 | 2146 | -4.60E-13 | 2248 | 1.77E-13 | 2350 | 2.45E-13 | 2452 | 1.75E-13 | 2554 | 1.83E-13 | 2656 | 3.28E-13 | 2758 | 4.48E-13 | 2860 | 4.40E-13 | 2962 | 2.24E-12 | 3064 | 2.10E-12 | 3166 | 4.46E-12 |
| 2046 | 1.23E-13 | 2148 | 4.86E-14 | 2250 | 4.68E-13 | 2352 | 1.02E-14 | 2454 | 5.95E-14 | 2556 | 9.16E-14 | 2658 | 3.47E-13 | 2760 | 4.77E-13 | 2862 | 5.20E-13 | 2964 | 2.23E-12 | 3066 | 2.33E-12 | 3168 | 4.80E-12 |
| 2048 | -1.34E-13 | 2150 | 2.59E-13 | 2252 | 2.71E-13 | 2354 | 5.88E-14 | 2456 | -5.74E-14 | 2558 | 1.20E-13 | 2660 | 3.76E-13 | 2762 | 5.51E-13 | 2864 | 6.33E-13 | 2966 | 1.93E-12 | 3068 | 2.52E-12 | 3170 | 5.21E-12 |
| 2050 | -1.04E-14 | 2152 | 4.83E-13 | 2254 | 2.51E-13 | 2356 | 4.26E-14 | 2458 | 1.46E-14 | 2560 | 1.50E-13 | 2662 | 3.29E-13 | 2764 | 6.08E-13 | 2866 | 7.34E-13 | 2968 | 1.56E-12 | 3070 | 2.65E-12 | 3172 | 5.72E-12 |
| 2052 | 1.90E-13 | 2154 | 1.54E-13 | 2256 | 2.32E-13 | 2358 | 3.75E-14 | 2460 | 3.33E-14 | 2562 | 1.17E-13 | 2664 | 4.39E-13 | 2766 | 6.28E-13 | 2868 | 8.97E-13 | 2970 | 1.35E-12 | 3072 | 2.87E-12 | 3174 | 5.97E-12 |
| 2054 | 2.80E-13 | 2156 | -4.27E-14 | 2258 | 2.06E-13 | 2360 | 4.65E-14 | 2462 | -1.44E-14 | 2564 | 1.48E-13 | 2666 | 4.87E-13 | 2768 | 6.46E-13 | 2870 | 9.20E-13 | 2972 | 1.36E-12 | 3074 | 3.00E-12 | 3176 | 5.94E-12 |
| 2056 | 8.18E-13 | 2158 | -5.90E-14 | 2260 | 3.72E-13 | 2362 | 1.16E-13 | 2464 | 1.15E-13 | 2566 | 1.23E-13 | 2668 | 4.15E-13 | 2770 | 6.03E-13 | 2872 | 9.96E-13 | 2974 | 1.51E-12 | 3076 | 3.13E-12 | 3178 | 5.44E-12 |
| 2058 | 9.73E-13 | 2160 | 4.38E-13 | 2262 | 3.53E-13 | 2364 | 7.96E-14 | 2466 | 1.36E-13 | 2568 | 1.38E-13 | 2670 | 3.51E-13 | 2772 | 6.31E-13 | 2874 | 1.07E-12 | 2976 | 1.79E-12 | 3078 | 3.28E-12 | 3180 | 4.77E-12 |
| 2060 | 2.46E-13 | 2162 | 3.63E-13 | 2264 | 1.98E-13 | 2366 | 8.00E-14 | 2468 | 1.67E-13 | 2570 | 1.39E-13 | 2672 | 3.43E-13 | 2774 | 6.80E-13 | 2876 | 1.15E-12 | 2978 | 2.12E-12 | 3080 | 3.49E-12 | 3182 | 4.49E-12 |
| 2062 | -4.35E-13 | 2164 | -5.95E-14 | 2266 | 2.39E-13 | 2368 | 1.40E-13 | 2470 | 1.66E-13 | 2572 | 1.31E-13 | 2674 | 4.09E-13 | 2776 | 6.98E-13 | 2878 | 1.12E-12 | 2980 | 2.18E-12 | 3082 | 3.61E-12 | 3184 | 4.51E-12 |
| 2064 | -3.45E-13 | 2166 | 3.71E-14 | 2268 | 1.16E-13 | 2370 | 1.04E-13 | 2472 | 1.88E-15 | 2574 | 2.12E-13 | 2676 | 4.45E-13 | 2778 | 7.13E-13 | 2880 | 9.59E-13 | 2982 | 1.95E-12 | 3084 | 3.69E-12 | 3186 | 4.80E-12 |
| 2066 | -3.54E-13 | 2168 | -1.95E-13 | 2270 | -6.22E-14 | 2372 | 2.08E-14 | 2474 | 1.65E-14 | 2576 | 1.20E-13 | 2678 | 3.83E-13 | 2780 | 7.08E-13 | 2882 | 8.81E-13 | 2984 | 1.62E-12 | 3086 | 3.60E-12 | 3188 | 5.18E-12 |
| 2068 | 4.51E-13 | 2170 | 1.22E-13 | 2272 | 1.33E-13 | 2374 | 9.10E-14 | 2476 | 8.86E-14 | 2578 | 3.20E-14 | 2680 | 3.57E-13 | 2782 | 6.25E-13 | 2884 | 9.02E-13 | 2986 | 1.47E-12 | 3088 | 3.34E-12 | 3190 | 5.26E-12 |
| 2070 | -3.57E-14 | 2172 | -1.38E-13 | 2274 | 8.06E-14 | 2376 | 2.37E-13 | 2478 | 1.20E-13 | 2580 | 9.35E-14 | 2682 | 3.81E-13 | 2784 | 5.85E-13 | 2886 | 1.03E-12 | 2988 | 1.53E-12 | 3090 | 3.18E-12 | 3192 | 4.99E-12 |
| 2072 | -1.79E-13 | 2174 | -1.02E-13 | 2276 | 3.41E-13 | 2378 | 4.71E-14 | 2480 | 1.34E-13 | 2582 | 1.65E-13 | 2684 | 3.59E-13 | 2786 | 5.93E-13 | 2888 | 1.29E-12 | 2990 | 1.70E-12 | 3092 | 2.92E-12 | 3194 | 4.96E-12 |
| 2074 | 1.09E-13 | 2176 | 2.86E-13 | 2278 | 1.38E-13 | 2380 | -1.71E-13 | 2482 | 5.99E-14 | 2584 | 9.42E-14 | 2686 | 3.38E-13 | 2788 | 5.47E-13 | 2890 | 1.44E-12 | 2992 | 1.78E-12 | 3094 | 2.67E-12 | 3196 | 5.25E-12 |
| 2076 | 5.29E-13 | 2178 | 4.44E-13 | 2280 | -1.41E-13 | 2382 | 1.92E-13 | 2484 | -6.85E-14 | 2586 | 1.41E-13 | 2688 | 3.49E-13 | 2790 | 4.66E-13 | 2892 | 1.46E-12 | 2994 | 1.70E-12 | 3096 | 2.72E-12 | 3198 | 5.63E-12 |


HD 49293 K0 III Ba 0.1 V=4.47 (B-V)=1.11 E(B-V)=0.10
LAP: LWP 5904
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 95272 K0+ III V=4.08 (B-V)=1.09 E(B-V)=0.08**

**LAP: LWP 5900**

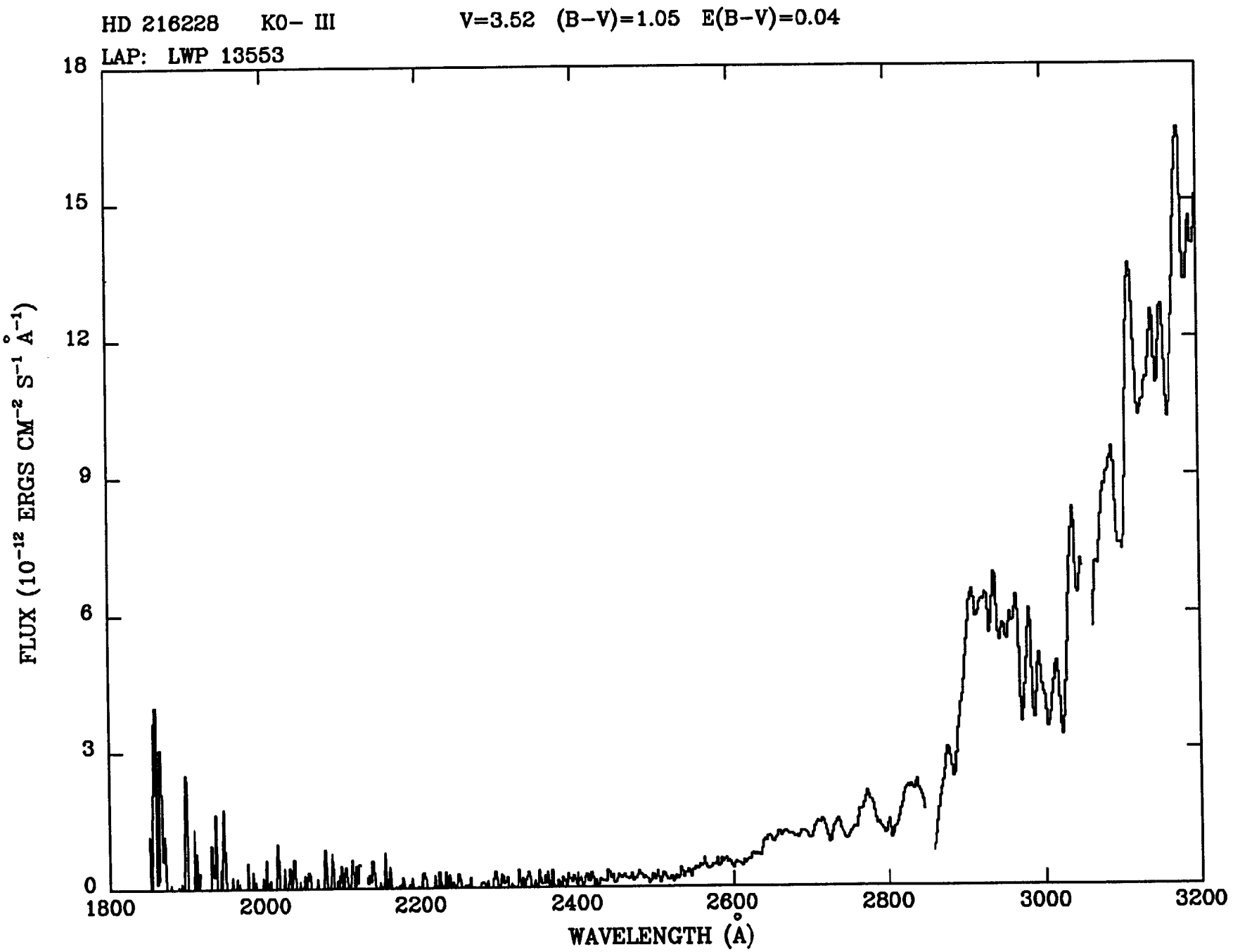
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.60E-15 | 2078 | 4.32E-13 | 2180 | -1.00E-13 | 2282 | 7.44E-14 | 2384 | 1.48E-13 | 2486 | 7.08E-14 | 2588 | 1.94E-13 | 2690 | 5.59E-13 | 2792 | 6.82E-13 | 2894 | 2.16E-12 | 2996 | 2.62E-12 | 3098 | 3.99E-12 |
| 1978 | -3.08E-14 | 2080 | 2.32E-13 | 2182 | -1.73E-13 | 2284 | 1.31E-13 | 2386 | 6.91E-14 | 2488 | 1.25E-13 | 2590 | 1.89E-13 | 2692 | 5.35E-13 | 2794 | 6.65E-13 | 2896 | 2.20E-12 | 2998 | 2.44E-12 | 3100 | 4.10E-12 |
| 1980 | -2.95E-13 | 2082 | -1.43E-13 | 2184 | -3.20E-14 | 2286 | 1.55E-13 | 2388 | 9.20E-14 | 2490 | 1.63E-13 | 2592 | 1.84E-13 | 2694 | 5.35E-13 | 2796 | 6.38E-13 | 2898 | 2.48E-12 | 3000 | 2.29E-12 | 3102 | 4.06E-12 |
| 1982 | 2.01E-13 | 2084 | 1.25E-14 | 2186 | 5.65E-14 | 2288 | -4.87E-14 | 2390 | 1.47E-13 | 2492 | 9.55E-14 | 2594 | 1.52E-13 | 2696 | 5.12E-13 | 2798 | 6.82E-13 | 2900 | 2.67E-12 | 3002 | 2.20E-12 | 3104 | 4.10E-12 |
| 1984 | 3.93E-13 | 2086 | 3.89E-13 | 2188 | 2.52E-13 | 2290 | -1.09E-13 | 2392 | 1.41E-13 | 2494 | 4.67E-14 | 2596 | 1.50E-13 | 2698 | 4.93E-13 | 2800 | 8.01E-13 | 2902 | 2.86E-12 | 3004 | 1.99E-12 | 3106 | 4.71E-12 |
| 1986 | -1.24E-13 | 2088 | 2.02E-13 | 2190 | 5.82E-14 | 2292 | -1.07E-13 | 2394 | 1.89E-13 | 2496 | 6.26E-14 | 2598 | 1.84E-13 | 2700 | 4.89E-13 | 2802 | 7.86E-13 | 2904 | 3.06E-12 | 3006 | 1.90E-12 | 3108 | 5.77E-12 |
| 1988 | -4.95E-14 | 2090 | -5.99E-14 | 2192 | -2.98E-13 | 2294 | 1.21E-13 | 2396 | 8.64E-14 | 2498 | 5.50E-14 | 2600 | 1.77E-13 | 2702 | 4.94E-13 | 2804 | 6.46E-13 | 2906 | 3.13E-12 | 3008 | 1.99E-12 | 3110 | 6.63E-12 |
| 1990 | -1.97E-13 | 2092 | 2.13E-13 | 2194 | -5.06E-14 | 2296 | 3.35E-13 | 2398 | 7.95E-14 | 2500 | 1.63E-14 | 2602 | 1.74E-13 | 2704 | 5.36E-13 | 2806 | 6.61E-13 | 2908 | 3.18E-12 | 3010 | 2.14E-12 | 3112 | 7.10E-12 |
| 1992 | -2.82E-13 | 2094 | 3.97E-13 | 2196 | -2.38E-14 | 2298 | 2.81E-13 | 2400 | 9.37E-14 | 2502 | 1.13E-13 | 2604 | 1.88E-13 | 2706 | 6.04E-13 | 2808 | 7.53E-13 | 2910 | 3.10E-12 | 3012 | 2.24E-12 | 3114 | 7.23E-12 |
| 1994 | -1.75E-13 | 2096 | 8.34E-14 | 2198 | 1.07E-14 | 2300 | 1.07E-13 | 2402 | 8.41E-14 | 2504 | 1.93E-13 | 2606 | 2.35E-13 | 2708 | 6.30E-13 | 2810 | 7.39E-13 | 2912 | 3.00E-12 | 3014 | 2.35E-12 | 3116 | 7.00E-12 |
| 1996 | -9.54E-14 | 2098 | 1.49E-13 | 2200 | 1.58E-13 | 2302 | 5.13E-14 | 2404 | 1.01E-13 | 2506 | 1.25E-13 | 2608 | 2.80E-13 | 2710 | 6.33E-13 | 2812 | 7.12E-13 | 2914 | 3.09E-12 | 3016 | 2.55E-12 | 3118 | 6.67E-12 |
| 1998 | -3.35E-13 | 2100 | 7.65E-14 | 2202 | -5.07E-14 | 2304 | 2.18E-14 | 2406 | -1.98E-14 | 2508 | 1.03E-13 | 2610 | 2.59E-13 | 2712 | 6.34E-13 | 2814 | 7.67E-13 | 2916 | 3.22E-12 | 3018 | 2.53E-12 | 3120 | 6.21E-12 |
| 2000 | -2.15E-13 | 2102 | 1.69E-13 | 2204 | 1.29E-13 | 2306 | -7.58E-14 | 2408 | 1.11E-13 | 2510 | 1.49E-13 | 2612 | 2.82E-13 | 2714 | 6.67E-13 | 2816 | 8.11E-13 | 2918 | 3.29E-12 | 3020 | 2.25E-12 | 3122 | 5.67E-12 |
| 2002 | -4.23E-13 | 2104 | 2.26E-13 | 2206 | 5.80E-14 | 2308 | -1.61E-14 | 2410 | 2.15E-13 | 2512 | 1.42E-13 | 2614 | 2.98E-13 | 2716 | 6.92E-13 | 2818 | 8.87E-13 | 2920 | 3.33E-12 | 3022 | 1.94E-12 | 3124 | 5.44E-12 |
| 2004 | -2.93E-13 | 2106 | -6.77E-14 | 2208 | -8.04E-14 | 2310 | 2.12E-13 | 2412 | 7.33E-14 | 2514 | 9.97E-14 | 2616 | 2.58E-13 | 2718 | 6.69E-13 | 2820 | 9.85E-13 | 2922 | 3.32E-12 | 3024 | 1.80E-12 | 3126 | 5.57E-12 |
| 2006 | 1.23E-13 | 2108 | -1.12E-13 | 2210 | 3.75E-13 | 2312 | 6.87E-14 | 2414 | -4.58E-14 | 2516 | 1.40E-13 | 2618 | 2.23E-13 | 2720 | 6.30E-13 | 2822 | 1.06E-12 | 2924 | 3.35E-12 | 3026 | 1.99E-12 | 3128 | 5.79E-12 |
| 2008 | -3.34E-13 | 2110 | 1.06E-13 | 2212 | 2.43E-13 | 2314 | -5.15E-15 | 2416 | -6.05E-14 | 2518 | 2.04E-13 | 2620 | 2.33E-13 | 2722 | 5.48E-13 | 2824 | 1.10E-12 | 2926 | 3.35E-12 | 3028 | 2.40E-12 | 3130 | 5.82E-12 |
| 2010 | -3.69E-13 | 2112 | 1.24E-13 | 2214 | 6.06E-16 | 2316 | 1.10E-13 | 2418 | 7.92E-14 | 2520 | 1.33E-13 | 2622 | 2.71E-13 | 2724 | 4.61E-13 | 2826 | 1.12E-12 | 2928 | 3.17E-12 | 3030 | 3.01E-12 | 3132 | 5.89E-12 |
| 2012 | -4.47E-13 | 2114 | -8.69E-14 | 2216 | 1.73E-13 | 2318 | 3.16E-13 | 2420 | 5.53E-14 | 2522 | 5.04E-14 | 2624 | 2.76E-13 | 2726 | 4.48E-13 | 2828 | 1.18E-12 | 2930 | 2.99E-12 | 3032 | 3.70E-12 | 3134 | 6.06E-12 |
| 2014 | -1.37E-14 | 2116 | 2.97E-13 | 2218 | 2.44E-13 | 2320 | 2.35E-13 | 2422 | -2.54E-14 | 2524 | 2.83E-14 | 2626 | 2.99E-13 | 2728 | 4.99E-13 | 2830 | 1.23E-12 | 2932 | 3.01E-12 | 3034 | 4.14E-12 | 3136 | 6.21E-12 |
| 2016 | 1.65E-13 | 2118 | 1.62E-13 | 2220 | 3.11E-14 | 2322 | 6.56E-14 | 2424 | -1.86E-14 | 2526 | 4.35E-14 | 2628 | 3.34E-13 | 2730 | 5.72E-13 | 2832 | 1.19E-12 | 2934 | 3.22E-12 | 3036 | 4.45E-12 | 3138 | 6.46E-12 |
| 2018 | -2.27E-13 | 2120 | -2.00E-13 | 2222 | -4.92E-14 | 2324 | 1.64E-13 | 2426 | 6.12E-15 | 2528 | 8.88E-14 | 2630 | 3.32E-13 | 2732 | 6.57E-13 | 2834 | 1.21E-12 | 2936 | 3.42E-12 | 3038 | 4.43E-12 | 3140 | 6.89E-12 |
| 2020 | -2.46E-13 | 2122 | 5.01E-13 | 2224 | 1.23E-13 | 2326 | 2.80E-13 | 2428 | 1.13E-13 | 2530 | 8.00E-14 | 2632 | 3.30E-13 | 2734 | 7.26E-13 | 2836 | 1.19E-12 | 2938 | 3.36E-12 | 3040 | 4.06E-12 | 3142 | 7.16E-12 |
| 2022 | -2.64E-14 | 2124 | 3.00E-13 | 2226 | 2.00E-13 | 2328 | 2.07E-13 | 2430 | 1.60E-13 | 2532 | 1.17E-13 | 2634 | 3.62E-13 | 2736 | 7.56E-13 | 2838 | 1.11E-12 | 2940 | 3.00E-12 | 3042 | 3.69E-12 | 3144 | 6.99E-12 |
| 2024 | -1.05E-13 | 2126 | 7.76E-14 | 2228 | 8.44E-14 | 2330 | 2.23E-13 | 2432 | 8.73E-14 | 2534 | 2.03E-13 | 2636 | 3.95E-13 | 2738 | 7.27E-13 | 2840 | 1.05E-12 | 2942 | 2.63E-12 | 3044 | 3.60E-12 | 3146 | 6.53E-12 |
| 2026 | -1.55E-13 | 2128 | 5.00E-13 | 2230 | 1.65E-13 | 2332 | 1.41E-13 | 2434 | 1.04E-13 | 2536 | 1.17E-13 | 2638 | 4.20E-13 | 2740 | 6.43E-13 | 2842 | 1.07E-12 | 2944 | 2.67E-12 | 3046 | 3.72E-12 | 3148 | 6.30E-12 |
| 2028 | 1.20E-13 | 2130 | 3.80E-13 | 2232 | 3.56E-13 | 2334 | 1.79E-13 | 2436 | 1.24E-14 | 2538 | 5.25E-14 | 2640 | 4.57E-13 | 2742 | 5.54E-13 | 2844 | 1.06E-12 | 2946 | 2.77E-12 | 3048 | 3.88E-12 | 3150 | 6.47E-12 |
| 2030 | 9.58E-14 | 2132 | -9.47E-15 | 2234 | 2.71E-13 | 2336 | 3.28E-13 | 2438 | 9.41E-14 | 2540 | 1.31E-13 | 2642 | 5.31E-13 | 2744 | 5.17E-13 | 2846 | 9.53E-13 | 2948 | 2.85E-12 | 3050 | 3.84E-12 | 3152 | 6.85E-12 |
| 2032 | 2.72E-13 | 2134 | 1.21E-14 | 2236 | 2.78E-13 | 2338 | 3.98E-13 | 2440 | 1.36E-13 | 2542 | 1.74E-13 | 2644 | 5.11E-13 | 2746 | 5.39E-13 | 2848 | | 2950 | 2.95E-12 | 3052 | 3.78E-12 | 3154 | 7.07E-12 |
| 2034 | -5.63E-14 | 2136 | 8.84E-14 | 2238 | 1.45E-13 | 2340 | 2.73E-13 | 2442 | 9.69E-14 | 2544 | 2.35E-13 | 2646 | | 2748 | 5.58E-13 | 2850 | | 2952 | 2.93E-12 | 3054 | | 3156 | 6.83E-12 |
| 2036 | -3.99E-14 | 2138 | 1.82E-13 | 2240 | 3.89E-14 | 2342 | 9.05E-14 | 2444 | 4.07E-14 | 2546 | 1.76E-13 | 2648 | 4.26E-13 | 2750 | 5.82E-13 | 2852 | | 2954 | 2.86E-12 | 3056 | | 3158 | 6.39E-12 |
| 2038 | -1.50E-13 | 2140 | -1.51E-13 | 2242 | 4.20E-14 | 2344 | 7.55E-14 | 2446 | 1.95E-15 | 2548 | 1.78E-13 | 2650 | 4.26E-13 | 2752 | 5.88E-13 | 2854 | | 2956 | 2.96E-12 | 3058 | | 3160 | 5.76E-12 |
| 2040 | -1.64E-13 | 2142 | -1.77E-13 | 2244 | -1.11E-13 | 2346 | -7.23E-14 | 2448 | 7.94E-15 | 2550 | 2.26E-13 | 2652 | 4.07E-13 | 2754 | 6.11E-13 | 2856 | 3.70E-13 | 2958 | 3.05E-12 | 3060 | | 3162 | 5.39E-12 |
| 2042 | 1.29E-13 | 2144 | -9.70E-14 | 2246 | -7.57E-14 | 2348 | 3.13E-14 | 2450 | 2.30E-14 | 2552 | 1.89E-13 | 2654 | 3.87E-13 | 2756 | 6.28E-13 | 2858 | 3.90E-13 | 2960 | 3.15E-12 | 3062 | 3.12E-12 | 3164 | 5.55E-12 |
| 2044 | 3.90E-13 | 2146 | 5.94E-16 | 2248 | 1.00E-13 | 2350 | 2.93E-13 | 2452 | 1.25E-13 | 2554 | 1.64E-13 | 2656 | 4.00E-13 | 2758 | 6.61E-13 | 2860 | 5.02E-13 | 2962 | 3.25E-12 | 3064 | 3.19E-12 | 3166 | 6.29E-12 |
| 2046 | 2.07E-13 | 2148 | 2.23E-14 | 2250 | 6.45E-14 | 2352 | 2.86E-13 | 2454 | 1.92E-13 | 2556 | 1.53E-13 | 2658 | 4.76E-13 | 2760 | 6.94E-13 | 2862 | 6.54E-13 | 2964 | 3.34E-12 | 3066 | 3.44E-12 | 3168 | 6.93E-12 |
| 2048 | 1.21E-13 | 2150 | -1.10E-13 | 2252 | -6.85E-14 | 2354 | 6.08E-14 | 2456 | 9.93E-14 | 2558 | 1.91E-13 | 2660 | 5.60E-13 | 2762 | 7.55E-13 | 2864 | 7.99E-13 | 2966 | 3.15E-12 | 3068 | 3.68E-12 | 3170 | 7.47E-12 |
| 2050 | 3.72E-14 | 2152 | 5.37E-14 | 2254 | 1.87E-13 | 2356 | 5.71E-14 | 2458 | 1.95E-14 | 2560 | 2.31E-13 | 2662 | 5.46E-13 | 2764 | 8.38E-13 | 2866 | 9.37E-13 | 2968 | 2.64E-12 | 3070 | 3.83E-12 | 3172 | 8.15E-12 |
| 2052 | 7.36E-15 | 2154 | 2.98E-13 | 2256 | 3.43E-13 | 2358 | 1.08E-13 | 2460 | 2.29E-14 | 2562 | 2.40E-13 | 2664 | 5.31E-13 | 2766 | 9.10E-13 | 2868 | 1.08E-12 | 2970 | 2.11E-12 | 3072 | 4.14E-12 | 3174 | 8.69E-12 |
| 2054 | 1.57E-13 | 2156 | 2.02E-13 | 2258 | 3.39E-13 | 2360 | 1.82E-13 | 2462 | 3.50E-14 | 2564 | 1.96E-13 | 2666 | 5.69E-13 | 2768 | 9.59E-13 | 2870 | 1.16E-12 | 2972 | 1.87E-12 | 3074 | 4.64E-12 | 3176 | 9.10E-12 |
| 2056 | 1.95E-13 | 2158 | -2.77E-14 | 2260 | 1.37E-13 | 2362 | 1.25E-13 | 2464 | 4.28E-14 | 2566 | 1.29E-13 | 2668 | 5.28E-13 | 2770 | 9.40E-13 | 2872 | 1.23E-12 | 2974 | 1.98E-12 | 3076 | 4.85E-12 | 3178 | 9.11E-12 |
| 2058 | 4.27E-13 | 2160 | 1.66E-13 | 2262 | -5.05E-14 | 2364 | 4.46E-14 | 2466 | 9.69E-14 | 2568 | 1.30E-13 | 2670 | 5.66E-13 | 2772 | 9.24E-13 | 2874 | 1.35E-12 | 2976 | 2.30E-12 | 3078 | 4.91E-12 | 3180 | 8.57E-12 |
| 2060 | 3.95E-13 | 2162 | 1.21E-13 | 2264 | 2.44E-13 | 2366 | 1.32E-13 | 2468 | 6.77E-14 | 2570 | 1.27E-13 | 2672 | 5.76E-13 | 2774 | 9.34E-13 | 2876 | 1.45E-12 | 2978 | 2.76E-12 | 3080 | 4.99E-12 | 3182 | 7.82E-12 |
| 2062 | 2.52E-13 | 2164 | -4.27E-14 | 2266 | 1.93E-13 | 2368 | 1.46E-13 | 2470 | 1.02E-13 | 2572 | 1.48E-13 | 2674 | 5.67E-13 | 2776 | 9.56E-13 | 2878 | 1.44E-12 | 2980 | 3.24E-12 | 3082 | 5.08E-12 | 3184 | 7.27E-12 |
| 2064 | -1.48E-14 | 2166 | -7.67E-14 | 2268 | 8.42E-14 | 2370 | 1.90E-14 | 2472 | -3.40E-15 | 2574 | 1.81E-13 | 2676 | 5.07E-13 | 2778 | 9.97E-13 | 2880 | 1.37E-12 | 2982 | 3.32E-12 | 3084 | 5.18E-12 | 3186 | 7.03E-12 |
| 2066 | 1.18E-13 | 2168 | -3.79E-13 | 2270 | -7.91E-14 | 2372 | 2.52E-14 | 2474 | -3.83E-15 | 2576 | 2.11E-13 | 2678 | 4.58E-13 | 2780 | 9.84E-13 | 2882 | 1.33E-12 | 2984 | 2.83E-12 | 3086 | 5.26E-12 | 3188 | 7.11E-12 |
| 2068 | 1.15E-13 | 2170 | -5.83E-14 | 2272 | -1.01E-13 | 2374 | 6.43E-15 | 2476 | 2.22E-14 | 2578 | 1.76E-13 | 2680 | 4.69E-13 | 2782 | 9.79E-13 | 2884 | 1.36E-12 | 2986 | 2.28E-12 | 3088 | 5.23E-12 | 3190 | 7.51E-12 |
| 2070 | 2.30E-14 | 2172 | 1.10E-13 | 2274 | 2.04E-16 | 2376 | -9.43E-15 | 2478 | 1.38E-13 | 2580 | 2.20E-13 | 2682 | 4.75E-13 | 2784 | 8.84E-13 | 2886 | 1.47E-12 | 2988 | 2.01E-12 | 3090 | 5.26E-12 | 3192 | 7.61E-12 |
| 2072 | 5.39E-14 | 2174 | -4.14E-14 | 2276 | 1.18E-13 | 2378 | -9.86E-15 | 2480 | 1.35E-13 | 2582 | 2.41E-13 | 2684 | 4.84E-13 | 2786 | 7.72E-13 | 2888 | 1.72E-12 | 2990 | 2.20E-12 | 3092 | 4.92E-12 | 3194 | 7.44E-12 |
| 2074 | -2.00E-13 | 2176 | 1.80E-13 | 2278 | -3.23E-14 | 2380 | -1.53E-14 | 2482 | 1.69E-14 | 2584 | 2.10E-13 | 2686 | 5.05E-13 | 2788 | 7.35E-13 | 2890 | 1.90E-12 | 2992 | 2.50E-12 | 3094 | 4.40E-12 | 3196 | 7.41E-12 |
| 2076 | 4.17E-14 | 2178 | 3.75E-13 | 2280 | -1.76E-13 | 2382 | 1.12E-13 | 2484 | -1.03E-15 | 2586 | 2.16E-13 | 2688 | 5.47E-13 | 2790 | 7.13E-13 | 2892 | 2.09E-12 | 2994 | 2.67E-12 | 3096 | 4.04E-12 | 3198 | 7.90E-12 |


HD 95272 K0+ III V=4.08 (B-V)=1.09 E(B-V)=0.08
LAP: LWP 5900
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 216228 K0- III V=3.52 (B-V)=1.05 E(B-V)=0.04**

**LAP: LWP 13553**

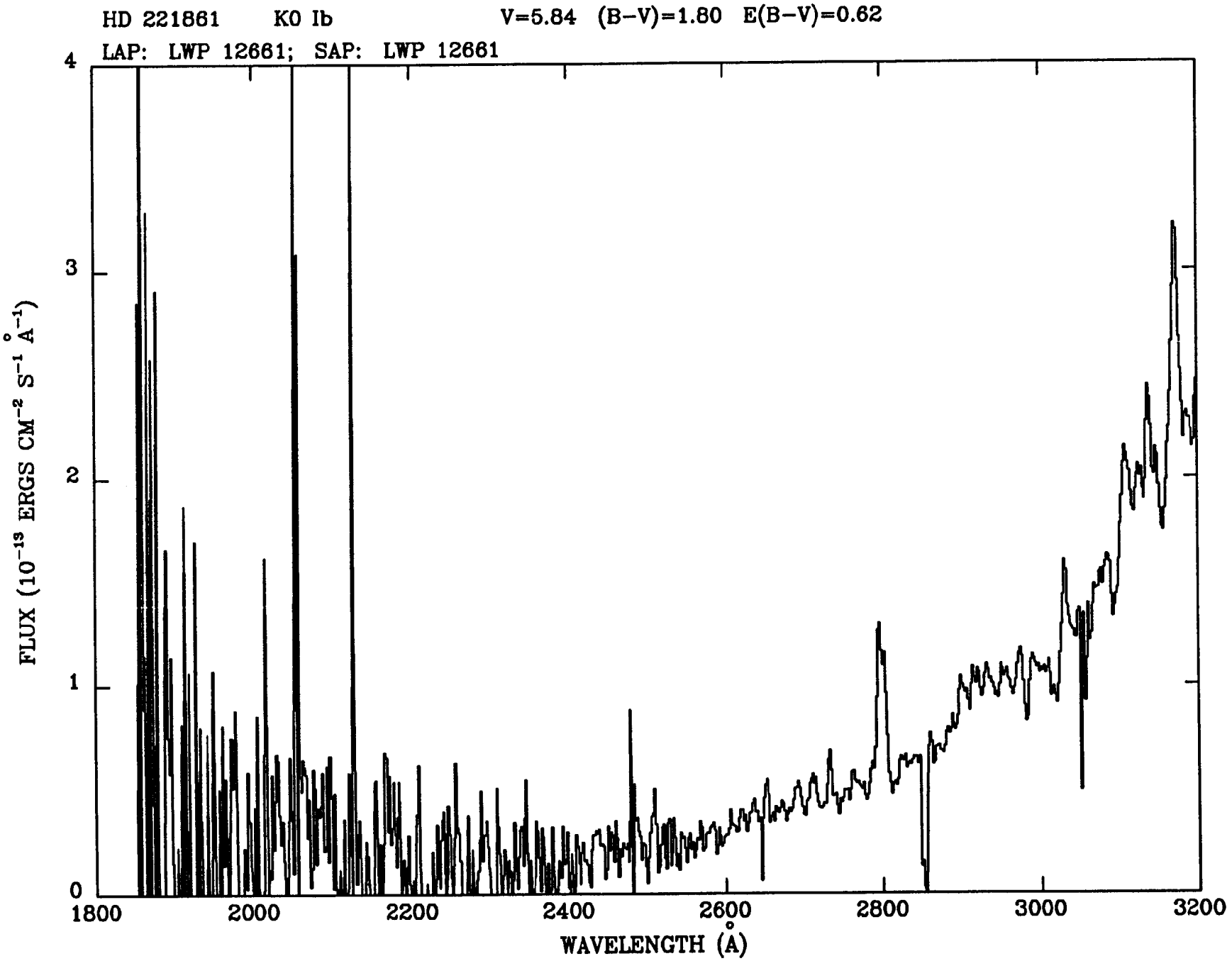
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.36E-13 | 2078 | 1.24E-13 | 2180 | -3.05E-14 | 2282 | 1.74E-14 | 2384 | 1.19E-13 | 2486 | 2.12E-13 | 2588 | 5.62E-13 | 2690 | 1.20E-12 | 2792 | 1.26E-12 | 2894 | 4.19E-12 | 2996 | 4.58E-12 | 3098 | 7.49E-12 |
| 1978 | -1.37E-13 | 2080 | -3.51E-13 | 2182 | -3.17E-14 | 2284 | 8.95E-14 | 2386 | 4.85E-14 | 2488 | 1.98E-13 | 2590 | 6.11E-13 | 2692 | 1.19E-12 | 2794 | 1.19E-12 | 2896 | 4.55E-12 | 2998 | 4.29E-12 | 3100 | 7.46E-12 |
| 1980 | -8.45E-13 | 2082 | -1.60E-13 | 2184 | 4.43E-14 | 2286 | 7.10E-15 | 2388 | 2.52E-13 | 2490 | 1.74E-13 | 2592 | 5.76E-13 | 2694 | 1.17E-12 | 2796 | 1.16E-12 | 2898 | 5.08E-12 | 3000 | 4.18E-12 | 3102 | 7.44E-12 |
| 1982 | 9.58E-14 | 2084 | 5.07E-13 | 2186 | 4.66E-14 | 2288 | -1.67E-13 | 2390 | 1.84E-13 | 2492 | 7.95E-14 | 2594 | 5.42E-13 | 2696 | 1.12E-12 | 2798 | 1.28E-12 | 2900 | 5.50E-12 | 3002 | 3.91E-12 | 3104 | 8.08E-12 |
| 1984 | -6.60E-14 | 2086 | 6.26E-13 | 2188 | 2.82E-14 | 2290 | 7.90E-15 | 2392 | 1.49E-13 | 2494 | 1.40E-13 | 2596 | 5.40E-13 | 2698 | 1.06E-12 | 2800 | 1.42E-12 | 2902 | 5.92E-12 | 3004 | 3.54E-12 | 3106 | 9.77E-12 |
| 1986 | 1.22E-13 | 2088 | -2.44E-13 | 2190 | -3.30E-13 | 2292 | 1.80E-13 | 2394 | 1.85E-13 | 2496 | 2.68E-13 | 2598 | 4.75E-13 | 2700 | 1.05E-12 | 2802 | 1.30E-12 | 2904 | 6.31E-12 | 3006 | 3.57E-12 | 3108 | 1.16E-11 |
| 1988 | -3.60E-13 | 2090 | -4.39E-13 | 2192 | -2.83E-13 | 2294 | 3.32E-13 | 2396 | 2.03E-13 | 2498 | 2.43E-13 | 2600 | 4.10E-13 | 2702 | 1.09E-12 | 2804 | 1.08E-12 | 2906 | 6.45E-12 | 3008 | 3.80E-12 | 3110 | 1.28E-11 |
| 1990 | -1.32E-13 | 2092 | 1.30E-13 | 2194 | -6.98E-14 | 2296 | 1.65E-13 | 2398 | 9.68E-14 | 2500 | 1.80E-13 | 2602 | 4.75E-13 | 2704 | 1.21E-12 | 2806 | 1.12E-12 | 2908 | 6.41E-12 | 3010 | 4.21E-12 | 3112 | 1.35E-11 |
| 1992 | -1.33E-13 | 2094 | 2.95E-14 | 2196 | -2.14E-13 | 2298 | -1.21E-13 | 2400 | 1.10E-13 | 2502 | 2.70E-13 | 2604 | 5.34E-13 | 2706 | 1.33E-12 | 2808 | 1.27E-12 | 2910 | 6.10E-12 | 3012 | 4.54E-12 | 3114 | 1.35E-11 |
| 1994 | -2.32E-13 | 2096 | 3.13E-13 | 2198 | -1.16E-13 | 2300 | -2.53E-14 | 2402 | 1.61E-13 | 2504 | 2.83E-13 | 2606 | 5.10E-13 | 2708 | 1.39E-12 | 2810 | 1.31E-12 | 2912 | 5.92E-12 | 3014 | 4.86E-12 | 3116 | 1.29E-11 |
| 1996 | 2.03E-14 | 2098 | 2.77E-13 | 2200 | 1.46E-13 | 2302 | 2.66E-13 | 2404 | 2.02E-13 | 2506 | 1.49E-13 | 2608 | 5.08E-13 | 2710 | 1.41E-12 | 2812 | 1.40E-12 | 2914 | 5.99E-12 | 3016 | 4.84E-12 | 3118 | 1.21E-11 |
| 1998 | -9.36E-14 | 2100 | -1.19E-13 | 2202 | 2.96E-13 | 2304 | 1.85E-13 | 2406 | -5.01E-14 | 2508 | 1.44E-13 | 2610 | 4.81E-13 | 2712 | 1.39E-12 | 2814 | 1.55E-12 | 2916 | 6.16E-12 | 3018 | 4.46E-12 | 3120 | 1.13E-11 |
| 2000 | 3.31E-13 | 2102 | 4.20E-13 | 2204 | 2.50E-13 | 2306 | 1.06E-13 | 2408 | 9.30E-14 | 2510 | 2.51E-13 | 2612 | 4.70E-13 | 2714 | 1.44E-12 | 2816 | 1.72E-12 | 2918 | 6.26E-12 | 3020 | 3.87E-12 | 3122 | 1.05E-11 |
| 2002 | -4.02E-13 | 2104 | 3.65E-13 | 2206 | 1.95E-13 | 2308 | 1.82E-13 | 2410 | 2.27E-13 | 2512 | 2.84E-13 | 2614 | 5.53E-13 | 2716 | 1.43E-12 | 2818 | 1.87E-12 | 2920 | 6.30E-12 | 3022 | 3.42E-12 | 3124 | 1.03E-11 |
| 2004 | 9.83E-14 | 2106 | -9.66E-14 | 2208 | -2.48E-13 | 2310 | 9.44E-14 | 2412 | 2.48E-13 | 2514 | 2.25E-13 | 2616 | 5.23E-13 | 2718 | 1.34E-12 | 2820 | 2.05E-12 | 2922 | 6.28E-12 | 3024 | 3.51E-12 | 3126 | 1.04E-11 |
| 2006 | 2.32E-14 | 2108 | -3.25E-13 | 2210 | -2.89E-13 | 2312 | -4.39E-14 | 2414 | 1.28E-13 | 2516 | 1.66E-13 | 2618 | 5.56E-13 | 2720 | 1.22E-12 | 2822 | 2.14E-12 | 2924 | 6.42E-12 | 3026 | 4.14E-12 | 3128 | 1.06E-11 |
| 2008 | -7.31E-14 | 2110 | 3.15E-13 | 2212 | -4.70E-13 | 2314 | 3.72E-14 | 2416 | 1.92E-13 | 2518 | 1.50E-13 | 2620 | 5.86E-13 | 2722 | 1.09E-12 | 2824 | 2.19E-12 | 2926 | 6.33E-12 | 3028 | 5.01E-12 | 3130 | 1.07E-11 |
| 2010 | -1.24E-13 | 2112 | 4.17E-13 | 2214 | -4.03E-13 | 2316 | 4.48E-15 | 2418 | 2.70E-13 | 2520 | 2.08E-13 | 2622 | 5.94E-13 | 2724 | 9.66E-13 | 2826 | 2.17E-12 | 2928 | 5.93E-12 | 3030 | 6.11E-12 | 3132 | 1.10E-11 |
| 2012 | 3.04E-14 | 2114 | 1.16E-13 | 2216 | -7.07E-14 | 2318 | 1.40E-14 | 2420 | 1.20E-13 | 2522 | 2.14E-13 | 2624 | 6.53E-13 | 2726 | 1.01E-12 | 2828 | 2.20E-12 | 2930 | 5.60E-12 | 3032 | 7.02E-12 | 3134 | 1.11E-11 |
| 2014 | 8.58E-13 | 2116 | 3.93E-13 | 2218 | 2.02E-14 | 2320 | -4.20E-14 | 2422 | 8.92E-14 | 2524 | 1.14E-13 | 2626 | 7.17E-13 | 2728 | 1.20E-12 | 2830 | 2.17E-12 | 2932 | 5.94E-12 | 3034 | 7.71E-12 | 3136 | 1.13E-11 |
| 2016 | 1.29E-13 | 2118 | 1.65E-13 | 2220 | -1.71E-13 | 2322 | 7.94E-14 | 2424 | 8.71E-14 | 2526 | 1.70E-13 | 2628 | 6.91E-13 | 2730 | 1.33E-12 | 2832 | 2.13E-12 | 2934 | 6.54E-12 | 3036 | 8.25E-12 | 3138 | 1.18E-11 |
| 2018 | -5.33E-13 | 2120 | 4.94E-13 | 2222 | 1.98E-13 | 2324 | 3.41E-13 | 2426 | 5.45E-14 | 2528 | 2.23E-13 | 2630 | 7.05E-13 | 2732 | 1.39E-12 | 2834 | 2.24E-12 | 2936 | 6.84E-12 | 3038 | 7.91E-12 | 3140 | 1.24E-11 |
| 2020 | -1.44E-13 | 2122 | 5.02E-13 | 2224 | 2.03E-13 | 2326 | 1.22E-13 | 2428 | 1.44E-13 | 2530 | 1.87E-13 | 2632 | 6.84E-13 | 2734 | 1.45E-12 | 2836 | 2.33E-12 | 2938 | 6.43E-12 | 3040 | 6.95E-12 | 3142 | 1.25E-11 |
| 2022 | 2.12E-13 | 2124 | | 2226 | -7.09E-14 | 2328 | 8.46E-14 | 2430 | 1.64E-13 | 2532 | 2.89E-13 | 2634 | 6.96E-13 | 2736 | 1.43E-12 | 2838 | 2.13E-12 | 2940 | 5.78E-12 | 3042 | 6.47E-12 | 3144 | 1.17E-11 |
| 2024 | -4.98E-14 | 2126 | | 2228 | -1.47E-13 | 2330 | 1.46E-13 | 2432 | 1.36E-13 | 2534 | 3.73E-13 | 2636 | 6.75E-13 | 2738 | 1.31E-12 | 2840 | 2.05E-12 | 2942 | 5.45E-12 | 3044 | 6.52E-12 | 3146 | 1.11E-11 |
| 2026 | -1.83E-13 | 2128 | | 2230 | 2.47E-13 | 2332 | 8.91E-14 | 2434 | 1.39E-13 | 2536 | 2.65E-13 | 2638 | 8.32E-13 | 2740 | 1.21E-12 | 2842 | 1.96E-12 | 2944 | 5.57E-12 | 3046 | 6.93E-12 | 3148 | 1.10E-11 |
| 2028 | 1.01E-13 | 2130 | 1.80E-13 | 2232 | 8.55E-14 | 2334 | 1.97E-13 | 2436 | 1.27E-13 | 2538 | 2.57E-13 | 2640 | 9.83E-13 | 2742 | 1.15E-12 | 2844 | 1.82E-12 | 2946 | 5.73E-12 | 3048 | 7.09E-12 | 3150 | 1.18E-11 |
| 2030 | 3.82E-13 | 2132 | 1.70E-13 | 2234 | 7.18E-15 | 2336 | 2.88E-13 | 2438 | 3.59E-13 | 2540 | 2.99E-13 | 2642 | 1.01E-12 | 2744 | 1.08E-12 | 2846 | 1.67E-12 | 2948 | 5.73E-12 | 3050 | 7.00E-12 | 3152 | 1.27E-11 |
| 2032 | -1.35E-13 | 2134 | 2.16E-13 | 2236 | 2.53E-13 | 2338 | 2.71E-13 | 2440 | 2.97E-13 | 2542 | 3.49E-13 | 2644 | 1.02E-12 | 2746 | 1.04E-12 | 2848 | | 2950 | 5.48E-12 | 3052 | | 3154 | 1.26E-11 |
| 2034 | 3.97E-13 | 2136 | 3.82E-13 | 2238 | 1.67E-14 | 2340 | -1.88E-15 | 2442 | 1.98E-13 | 2544 | 3.20E-13 | 2646 | 1.09E-12 | 2748 | 1.04E-12 | 2850 | | 2952 | 5.43E-12 | 3054 | | 3156 | 1.21E-11 |
| 2036 | 6.00E-13 | 2138 | 4.29E-13 | 2240 | 1.05E-13 | 2342 | -1.54E-13 | 2444 | 2.13E-13 | 2546 | 2.32E-13 | 2648 | 1.09E-12 | 2750 | 1.12E-12 | 2852 | | 2954 | 5.79E-12 | 3056 | | 3158 | 1.13E-11 |
| 2038 | 1.06E-13 | 2140 | 1.53E-13 | 2242 | 3.59E-16 | 2344 | 7.21E-14 | 2446 | 2.04E-13 | 2548 | 3.42E-13 | 2650 | 1.03E-12 | 2752 | 1.19E-12 | 2854 | | 2956 | 5.96E-12 | 3058 | | 3160 | 1.05E-11 |
| 2040 | -5.31E-13 | 2142 | -1.46E-13 | 2244 | -6.83E-14 | 2346 | 6.06E-14 | 2448 | 8.88E-14 | 2550 | 3.60E-13 | 2652 | 9.75E-13 | 2754 | 1.25E-12 | 2856 | 7.56E-13 | 2958 | 5.81E-12 | 3060 | | 3162 | 1.03E-11 |
| 2042 | -2.17E-13 | 2144 | -2.36E-13 | 2246 | 1.91E-13 | 2348 | -1.72E-13 | 2450 | 1.36E-13 | 2552 | 4.14E-13 | 2654 | 1.01E-12 | 2756 | 1.29E-12 | 2858 | 8.48E-13 | 2960 | 5.92E-12 | 3062 | 5.67E-12 | 3164 | 1.10E-11 |
| 2044 | -5.87E-14 | 2146 | 6.85E-14 | 2248 | 2.44E-13 | 2350 | 3.21E-13 | 2452 | 2.25E-13 | 2554 | 3.93E-13 | 2656 | 1.07E-12 | 2758 | 1.28E-12 | 2860 | 1.07E-12 | 2962 | 6.20E-12 | 3064 | 6.38E-12 | 3166 | 1.20E-11 |
| 2046 | -3.17E-13 | 2148 | 7.41E-14 | 2250 | 6.52E-14 | 2352 | 1.88E-13 | 2454 | 2.40E-13 | 2556 | 4.23E-13 | 2658 | 1.16E-12 | 2760 | 1.35E-12 | 2862 | 1.35E-12 | 2964 | 6.22E-12 | 3066 | 7.08E-12 | 3168 | 1.29E-11 |
| 2048 | 5.76E-14 | 2150 | -1.40E-13 | 2252 | -1.19E-13 | 2354 | 7.72E-14 | 2456 | 2.08E-13 | 2558 | 4.71E-13 | 2660 | 1.19E-12 | 2762 | 1.56E-12 | 2864 | 1.68E-12 | 2966 | 5.57E-12 | 3068 | 7.09E-12 | 3170 | 1.41E-11 |
| 2050 | 1.28E-13 | 2152 | 6.26E-14 | 2254 | -3.08E-14 | 2356 | 1.21E-13 | 2458 | 2.28E-13 | 2560 | 4.57E-13 | 2662 | 1.12E-12 | 2764 | 1.68E-12 | 2866 | 1.96E-12 | 2968 | 4.53E-12 | 3070 | 7.12E-12 | 3172 | 1.53E-11 |
| 2052 | 1.18E-13 | 2154 | 5.83E-13 | 2256 | 4.79E-14 | 2358 | 2.02E-13 | 2460 | 2.65E-13 | 2562 | 5.38E-13 | 2664 | 1.15E-12 | 2766 | 1.68E-12 | 2868 | 2.16E-12 | 2970 | 3.77E-12 | 3072 | 7.67E-12 | 3174 | 1.62E-11 |
| 2054 | 2.87E-13 | 2156 | -1.28E-13 | 2258 | 2.51E-14 | 2360 | 1.73E-13 | 2462 | 2.05E-13 | 2564 | 5.44E-13 | 2666 | 1.19E-12 | 2768 | 1.77E-12 | 2870 | 2.35E-12 | 2972 | 3.79E-12 | 3074 | 8.26E-12 | 3176 | 1.65E-11 |
| 2056 | 2.94E-13 | 2158 | 7.42E-14 | 2260 | 5.39E-14 | 2362 | 1.55E-13 | 2464 | 1.92E-13 | 2566 | 4.39E-13 | 2668 | 1.20E-12 | 2770 | 1.91E-12 | 2872 | 2.61E-12 | 2974 | 4.29E-12 | 3076 | 8.66E-12 | 3178 | 1.64E-11 |
| 2058 | -2.06E-13 | 2160 | 2.52E-13 | 2262 | 1.94E-13 | 2364 | -1.81E-14 | 2466 | 1.70E-13 | 2568 | 4.01E-13 | 2670 | 1.17E-12 | 2772 | 2.05E-12 | 2874 | 2.92E-12 | 2976 | 4.88E-12 | 3078 | 8.78E-12 | 3180 | 1.51E-11 |
| 2060 | -1.76E-13 | 2162 | -3.64E-13 | 2264 | 3.93E-14 | 2366 | 2.05E-13 | 2468 | 2.22E-13 | 2570 | 3.99E-13 | 2672 | 1.14E-12 | 2774 | 2.01E-12 | 2876 | 3.01E-12 | 2978 | 5.57E-12 | 3080 | 8.91E-12 | 3182 | 1.38E-11 |
| 2062 | -5.89E-13 | 2164 | -3.68E-13 | 2266 | -2.90E-13 | 2368 | 1.65E-13 | 2470 | 2.48E-13 | 2572 | 4.15E-13 | 2674 | 1.14E-12 | 2776 | 1.91E-12 | 2878 | 2.92E-12 | 2980 | 6.04E-12 | 3082 | 9.07E-12 | 3184 | 1.33E-11 |
| 2064 | -3.46E-13 | 2166 | -9.88E-15 | 2268 | -2.75E-13 | 2370 | -9.68E-14 | 2472 | 1.50E-13 | 2574 | 4.66E-13 | 2676 | 1.14E-12 | 2778 | 1.87E-12 | 2880 | 2.71E-12 | 2982 | 5.68E-12 | 3084 | 9.25E-12 | 3186 | 1.34E-11 |
| 2066 | 1.04E-13 | 2168 | -6.79E-14 | 2270 | -6.20E-14 | 2372 | -2.61E-14 | 2474 | 1.83E-13 | 2576 | 4.71E-13 | 2678 | 1.10E-12 | 2780 | 1.79E-12 | 2882 | 2.48E-12 | 2984 | 4.61E-12 | 3086 | 9.37E-12 | 3188 | 1.40E-11 |
| 2068 | -3.77E-13 | 2170 | -6.67E-16 | 2272 | -2.03E-13 | 2374 | 1.28E-13 | 2476 | 2.07E-13 | 2578 | 4.96E-13 | 2680 | 1.08E-12 | 2782 | 1.61E-12 | 2884 | 2.44E-12 | 2986 | 3.80E-12 | 3088 | 9.55E-12 | 3190 | 1.46E-11 |
| 2070 | -1.33E-13 | 2172 | 2.32E-14 | 2274 | -1.34E-13 | 2376 | 9.46E-14 | 2478 | 2.92E-13 | 2580 | 6.01E-13 | 2682 | 1.09E-12 | 2784 | 1.45E-12 | 2886 | 2.77E-12 | 2988 | 3.84E-12 | 3090 | 9.30E-12 | 3192 | 1.44E-11 |
| 2072 | -8.91E-14 | 2174 | 7.01E-14 | 2276 | 6.70E-14 | 2378 | 3.67E-14 | 2480 | 3.08E-13 | 2582 | 4.43E-13 | 2684 | 1.07E-12 | 2786 | 1.37E-12 | 2888 | 3.30E-12 | 2990 | 4.44E-12 | 3092 | 8.48E-12 | 3194 | 1.40E-11 |
| 2074 | 2.30E-13 | 2176 | 2.03E-13 | 2278 | 1.03E-13 | 2380 | 2.03E-13 | 2482 | 2.63E-13 | 2584 | 4.95E-13 | 2686 | 1.11E-12 | 2788 | 1.36E-12 | 2890 | 3.64E-12 | 2992 | 4.96E-12 | 3094 | 7.73E-12 | 3196 | 1.42E-11 |
| 2076 | 7.26E-13 | 2178 | -4.54E-14 | 2280 | 1.02E-13 | 2382 | 1.31E-13 | 2484 | 2.02E-13 | 2586 | 5.94E-13 | 2688 | 1.18E-12 | 2790 | 1.30E-12 | 2892 | 3.98E-12 | 2994 | 4.95E-12 | 3096 | 7.49E-12 | 3198 | 1.48E-11 |


HD 216228 K0- III V=3.52 (B-V)=1.05 E(B-V)=0.04
LAP: LWP 13553
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200

**HD 221861 K0 Ib V=5.84 (B-V)=1.80 E(B-V)=0.62**

**LAP: LWP 12661; SAP: LWP 12661**

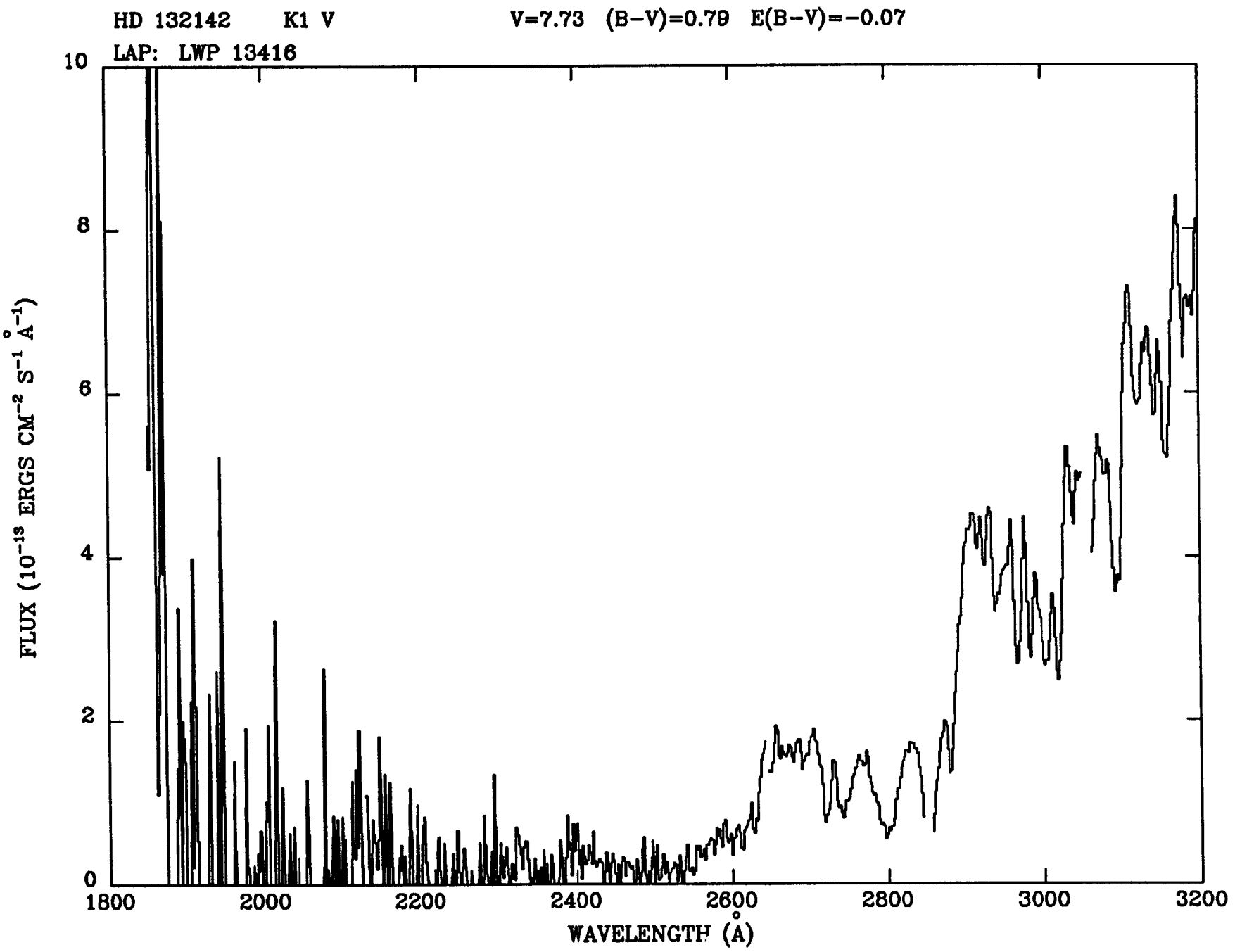
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 7.57E-14 | 2078 | 3.27E-14 | 2180 | 1.44E-14 | 2282 | 9.35E-15 | 2384 | -4.06E-16 | 2486 | 3.60E-14 | 2588 | 2.00E-14 | 2690 | 5.04E-14 | 2792 | 7.93E-14 | 2894 | 8.04E-14 | 2996 | 1.09E-13 | 3098 | 1.48E-13 |
| 1978 | 2.53E-14 | 2080 | 2.92E-14 | 2182 | 3.95E-14 | 2284 | 2.08E-14 | 2386 | 1.53E-14 | 2488 | 3.14E-14 | 2590 | 2.59E-14 | 2692 | 5.30E-14 | 2794 | 1.09E-13 | 2896 | 8.56E-14 | 2998 | 1.08E-13 | 3100 | 1.63E-13 |
| 1980 | -7.38E-14 | 2082 | 3.85E-14 | 2184 | 4.24E-14 | 2286 | 4.34E-14 | 2388 | 1.22E-14 | 2490 | 2.77E-14 | 2592 | 2.98E-14 | 2694 | 5.04E-14 | 2796 | 1.28E-13 | 2898 | 9.81E-14 | 3000 | 1.07E-13 | 3102 | 1.81E-13 |
| 1982 | -7.75E-14 | 2084 | 4.06E-14 | 2186 | 1.24E-15 | 2288 | 2.26E-14 | 2390 | 1.64E-14 | 2492 | 1.74E-14 | 2594 | 2.53E-14 | 2696 | 4.57E-14 | 2798 | 1.22E-13 | 2900 | 1.04E-13 | 3002 | 1.07E-13 | 3104 | 1.96E-13 |
| 1984 | -4.51E-14 | 2086 | 5.40E-14 | 2188 | 1.49E-14 | 2290 | 2.61E-14 | 2392 | 2.42E-14 | 2494 | 2.35E-14 | 2596 | 2.34E-14 | 2698 | 4.08E-14 | 2800 | 1.12E-13 | 2902 | 9.97E-14 | 3004 | 1.08E-13 | 3106 | 2.10E-13 |
| 1986 | 1.57E-14 | 2088 | 2.83E-14 | 2190 | 2.91E-15 | 2292 | 2.83E-14 | 2394 | 1.54E-14 | 2496 | 2.23E-14 | 2598 | 2.59E-14 | 2700 | 3.75E-14 | 2802 | 1.14E-13 | 2904 | 9.77E-14 | 3006 | 1.06E-13 | 3108 | 2.14E-13 |
| 1988 | 1.74E-14 | 2090 | 2.26E-14 | 2192 | -3.69E-15 | 2294 | 3.42E-14 | 2396 | 2.37E-14 | 2498 | 1.18E-14 | 2600 | 2.76E-14 | 2702 | 3.90E-14 | 2804 | 1.00E-13 | 2906 | 9.69E-14 | 3008 | 1.08E-13 | 3110 | 2.09E-13 |
| 1990 | 8.08E-15 | 2092 | 5.92E-14 | 2194 | 2.16E-14 | 2296 | 2.14E-14 | 2398 | 1.22E-14 | 2500 | 8.13E-15 | 2602 | 2.80E-14 | 2704 | 4.44E-14 | 2806 | 7.88E-14 | 2908 | 9.55E-14 | 3010 | 1.12E-13 | 3112 | 2.05E-13 |
| 1992 | 5.47E-14 | 2094 | 1.82E-14 | 2196 | 1.42E-14 | 2298 | 8.99E-15 | 2400 | 7.84E-15 | 2502 | 2.08E-14 | 2604 | 3.03E-14 | 2706 | 4.81E-14 | 2808 | 5.92E-14 | 2910 | 9.02E-14 | 3012 | 1.04E-13 | 3114 | 1.97E-13 |
| 1994 | 2.93E-14 | 2096 | 6.31E-14 | 2198 | -1.64E-14 | 2300 | -1.55E-14 | 2402 | 1.68E-14 | 2504 | 3.18E-14 | 2606 | 3.87E-14 | 2708 | 5.35E-14 | 2810 | 5.26E-14 | 2912 | 9.46E-14 | 3014 | 9.48E-14 | 3116 | 1.88E-13 |
| 1996 | 8.48E-15 | 2098 | 3.77E-14 | 2200 | -3.79E-14 | 2302 | -9.22E-14 | 2404 | -5.07E-16 | 2506 | 3.74E-14 | 2608 | 3.37E-14 | 2710 | 5.60E-14 | 2812 | 4.80E-14 | 2914 | 1.06E-13 | 3016 | 9.62E-14 | 3118 | 1.84E-13 |
| 1998 | 1.46E-15 | 2100 | 1.42E-14 | 2202 | -2.06E-14 | 2304 | -2.10E-13 | 2406 | 3.50E-15 | 2508 | 4.36E-14 | 2610 | 3.24E-14 | 2712 | 5.42E-14 | 2814 | 5.26E-14 | 2916 | 1.05E-13 | 3018 | 9.79E-14 | 3120 | 1.92E-13 |
| 2000 | 2.89E-14 | 2102 | 3.23E-14 | 2204 | 2.59E-14 | 2306 | -6.93E-14 | 2408 | 2.67E-14 | 2510 | 4.07E-14 | 2612 | 3.16E-14 | 2714 | 5.43E-14 | 2816 | 5.30E-14 | 2918 | 1.01E-13 | 3020 | 9.38E-14 | 3122 | 2.00E-13 |
| 2002 | -1.45E-14 | 2104 | -9.69E-15 | 2206 | 3.77E-14 | 2308 | 4.14E-14 | 2410 | 2.19E-14 | 2512 | 1.94E-14 | 2614 | 2.97E-14 | 2716 | 4.93E-14 | 2818 | 5.25E-14 | 2920 | 1.07E-13 | 3022 | 9.48E-14 | 3124 | 2.06E-13 |
| 2004 | 7.44E-14 | 2106 | -1.05E-14 | 2208 | 5.90E-14 | 2310 | 2.52E-14 | 2412 | 1.30E-14 | 2514 | 1.20E-14 | 2616 | 3.14E-14 | 2718 | 4.42E-14 | 2820 | 5.77E-14 | 2922 | 1.06E-13 | 3024 | 1.07E-13 | 3126 | 2.01E-13 |
| 2006 | 7.46E-15 | 2108 | 3.98E-15 | 2210 | 2.53E-15 | 2312 | 3.14E-15 | 2414 | 8.64E-15 | 2516 | 2.08E-14 | 2618 | 3.74E-14 | 2720 | 4.15E-14 | 2822 | 6.43E-14 | 2924 | 9.83E-14 | 3026 | 1.23E-13 | 3128 | 2.03E-13 |
| 2008 | -7.66E-14 | 2110 | -1.16E-14 | 2212 | -6.68E-14 | 2314 | 4.65E-15 | 2416 | 2.13E-14 | 2518 | 3.01E-14 | 2620 | 4.00E-14 | 2722 | 4.09E-14 | 2824 | 6.45E-14 | 2926 | 9.49E-14 | 3028 | 1.38E-13 | 3130 | 1.94E-13 |
| 2010 | -4.43E-14 | 2112 | 1.70E-14 | 2214 | -2.59E-14 | 2316 | 1.81E-14 | 2418 | 2.14E-14 | 2520 | 3.30E-14 | 2622 | 3.77E-14 | 2724 | 4.14E-14 | 2826 | 6.36E-14 | 2928 | 9.94E-14 | 3030 | 1.54E-13 | 3132 | 1.92E-13 |
| 2012 | 1.51E-14 | 2114 | 9.84E-15 | 2216 | -1.51E-14 | 2318 | 1.91E-14 | 2420 | 1.59E-14 | 2522 | 1.78E-14 | 2624 | 3.63E-14 | 2726 | 4.32E-14 | 2828 | 6.54E-14 | 2930 | 1.06E-13 | 3032 | 1.56E-13 | 3134 | 2.09E-13 |
| 2014 | 9.09E-14 | 2116 | -1.30E-14 | 2218 | -2.15E-15 | 2320 | -2.52E-16 | 2422 | 1.51E-14 | 2524 | 1.30E-14 | 2626 | 3.29E-14 | 2728 | 4.42E-14 | 2830 | 6.20E-14 | 2932 | 1.09E-13 | 3034 | 1.42E-13 | 3136 | 2.34E-13 |
| 2016 | 1.05E-13 | 2118 | 5.30E-17 | 2220 | -3.61E-14 | 2322 | 1.50E-14 | 2424 | 9.31E-15 | 2526 | 3.41E-14 | 2628 | 3.23E-14 | 2730 | 5.49E-14 | 2832 | 6.15E-14 | 2934 | 1.06E-13 | 3036 | 1.34E-13 | 3138 | 2.42E-13 |
| 2018 | 3.84E-15 | 2120 | 5.50E-14 | 2222 | -3.08E-14 | 2324 | 9.81E-15 | 2426 | 4.23E-15 | 2528 | 3.13E-14 | 2630 | 3.72E-14 | 2732 | 6.53E-14 | 2834 | 6.27E-14 | 2936 | 1.03E-13 | 3038 | 1.29E-13 | 3140 | 2.31E-13 |
| 2020 | 9.92E-15 | 2122 | 3.45E-14 | 2224 | 1.11E-14 | 2326 | 1.48E-15 | 2428 | 1.49E-14 | 2530 | 1.51E-14 | 2632 | 3.86E-14 | 2734 | 6.49E-14 | 2836 | 6.17E-14 | 2938 | 1.02E-13 | 3040 | 1.27E-13 | 3142 | 2.13E-13 |
| 2022 | 3.48E-14 | 2124 | 5.75E-14 | 2226 | -2.10E-15 | 2328 | 1.35E-14 | 2430 | 2.63E-14 | 2532 | 2.53E-14 | 2634 | 4.24E-14 | 2736 | 5.32E-14 | 2838 | 6.36E-14 | 2940 | 9.94E-14 | 3042 | 1.26E-13 | 3144 | 2.03E-13 |
| 2024 | 3.58E-14 | 2126 | 3.48E-13 | 2228 | 1.00E-15 | 2330 | 2.71E-14 | 2432 | 2.81E-14 | 2534 | 3.23E-14 | 2636 | 4.47E-14 | 2738 | 4.66E-14 | 2840 | 6.53E-14 | 2942 | 9.62E-14 | 3044 | 1.23E-13 | 3146 | 2.11E-13 |
| 2026 | 3.65E-14 | 2128 | 4.57E-14 | 2230 | 2.65E-14 | 2332 | 8.27E-15 | 2434 | 2.96E-14 | 2536 | 2.07E-14 | 2638 | 3.93E-14 | 2740 | 4.72E-14 | 2842 | 6.52E-14 | 2944 | 9.58E-14 | 3046 | 1.26E-13 | 3148 | 2.12E-13 |
| 2028 | 6.13E-14 | 2130 | 1.21E-14 | 2232 | 1.49E-14 | 2334 | 9.47E-15 | 2436 | 2.89E-14 | 2538 | 1.63E-14 | 2640 | 3.90E-14 | 2742 | 4.40E-14 | 2844 | 6.46E-14 | 2946 | 9.45E-14 | 3048 | 1.36E-13 | 3150 | 1.98E-13 |
| 2030 | 6.44E-14 | 2132 | 3.11E-14 | 2234 | 3.86E-15 | 2336 | 2.42E-14 | 2438 | 3.02E-14 | 2540 | 1.43E-14 | 2642 | 3.46E-14 | 2744 | 3.93E-14 | 2846 | 6.30E-14 | 2948 | 9.89E-14 | 3050 | 1.02E-13 | 3152 | 1.86E-13 |
| 2032 | 4.17E-14 | 2134 | 1.91E-14 | 2236 | 2.53E-14 | 2338 | 3.15E-14 | 2440 | 2.32E-14 | 2542 | 2.28E-14 | 2644 | 2.86E-14 | 2746 | 4.33E-14 | 2848 | 4.70E-14 | 2950 | 1.08E-13 | 3052 | 7.33E-14 | 3154 | 1.77E-13 |
| 2034 | 2.46E-14 | 2136 | -4.91E-15 | 2238 | 3.57E-14 | 2340 | 2.10E-14 | 2442 | 2.36E-14 | 2544 | 2.70E-14 | 2646 | 1.52E-14 | 2748 | 4.38E-14 | 2850 | 1.38E-14 | 2952 | 1.08E-13 | 3054 | 1.20E-13 | 3156 | 1.76E-13 |
| 2036 | 3.40E-14 | 2138 | -1.67E-14 | 2240 | 3.26E-14 | 2342 | 2.83E-14 | 2444 | 1.89E-14 | 2546 | 2.70E-14 | 2648 | 3.92E-14 | 2750 | 4.54E-14 | 2852 | 9.69E-15 | 2954 | 1.04E-13 | 3056 | 1.09E-13 | 3158 | 1.87E-13 |
| 2038 | 1.05E-14 | 2140 | 8.32E-15 | 2242 | -1.64E-15 | 2344 | 4.99E-14 | 2446 | 8.87E-15 | 2548 | 2.24E-14 | 2650 | 4.84E-14 | 2752 | 4.91E-14 | 2854 | -8.08E-15 | 2956 | 1.06E-13 | 3058 | 1.05E-13 | 3160 | 2.03E-13 |
| 2040 | -2.12E-14 | 2142 | 2.04E-14 | 2244 | 1.94E-14 | 2346 | 2.65E-14 | 2448 | 1.99E-14 | 2550 | 1.57E-14 | 2652 | 5.32E-14 | 2754 | 4.94E-14 | 2856 | 2.75E-14 | 2958 | 1.07E-13 | 3060 | 1.32E-13 | 3162 | 2.19E-13 |
| 2042 | -9.21E-15 | 2144 | 1.00E-14 | 2246 | 3.73E-14 | 2348 | -1.10E-14 | 2450 | 2.70E-14 | 2552 | 2.62E-14 | 2654 | 5.05E-14 | 2756 | 4.88E-14 | 2858 | 6.57E-14 | 2960 | 1.03E-13 | 3062 | 1.25E-13 | 3164 | 2.30E-13 |
| 2044 | 4.43E-14 | 2146 | -1.91E-14 | 2248 | 1.93E-14 | 2350 | 1.46E-14 | 2452 | 2.53E-14 | 2554 | 2.78E-14 | 2656 | 3.86E-14 | 2758 | 4.57E-14 | 2860 | 7.51E-14 | 2962 | 1.01E-13 | 3064 | 1.24E-13 | 3166 | 2.52E-13 |
| 2046 | 5.65E-14 | 2148 | -3.01E-14 | 2250 | 1.02E-15 | 2352 | -3.33E-15 | 2454 | 2.83E-14 | 2556 | 2.16E-14 | 2658 | 3.59E-14 | 2760 | 5.22E-14 | 2862 | 7.34E-14 | 2964 | 9.69E-14 | 3066 | 1.37E-13 | 3168 | 2.79E-13 |
| 2048 | 2.66E-14 | 2150 | -2.44E-14 | 2252 | 1.23E-14 | 2354 | -1.78E-14 | 2456 | 1.97E-14 | 2558 | 2.26E-14 | 2660 | 3.80E-14 | 2762 | 5.82E-14 | 2864 | 6.35E-14 | 2966 | 9.66E-14 | 3068 | 1.48E-13 | 3170 | 3.09E-13 |
| 2050 | 4.94E-14 | 2152 | 5.34E-14 | 2254 | 4.84E-14 | 2356 | 1.35E-14 | 2458 | 2.98E-14 | 2560 | 1.82E-14 | 2662 | 3.52E-14 | 2764 | 5.66E-14 | 2866 | 6.29E-14 | 2968 | 1.01E-13 | 3070 | 1.46E-13 | 3172 | 3.20E-13 |
| 2052 | 2.64E-13 | 2154 | 4.61E-14 | 2256 | 4.26E-14 | 2358 | 3.36E-14 | 2460 | 2.82E-14 | 2562 | 2.27E-14 | 2664 | 4.08E-14 | 2766 | 5.33E-14 | 2868 | 7.00E-14 | 2970 | 1.07E-13 | 3072 | 1.47E-13 | 3174 | 3.02E-13 |
| 2054 | 6.22E-14 | 2156 | -1.54E-16 | 2258 | 2.99E-14 | 2360 | 2.57E-14 | 2462 | 1.09E-14 | 2564 | 2.61E-14 | 2666 | 4.06E-14 | 2768 | 5.30E-14 | 2870 | 7.06E-14 | 2972 | 1.13E-13 | 3074 | 1.49E-13 | 3176 | 2.74E-13 |
| 2056 | 1.79E-13 | 2158 | 7.61E-15 | 2260 | 1.87E-14 | 2362 | 1.10E-14 | 2464 | 1.99E-14 | 2566 | 3.01E-14 | 2668 | 3.88E-14 | 2770 | 5.23E-14 | 2872 | 7.05E-14 | 2974 | 1.17E-13 | 3076 | 1.55E-13 | 3178 | 2.54E-13 |
| 2058 | 1.19E-13 | 2160 | 1.34E-14 | 2262 | 2.99E-15 | 2364 | 1.50E-14 | 2466 | 1.82E-14 | 2568 | 3.30E-14 | 2670 | 4.12E-14 | 2772 | 5.11E-14 | 2874 | 6.83E-14 | 2976 | 1.14E-13 | 3078 | 1.53E-13 | 3180 | 2.37E-13 |
| 2060 | 5.01E-14 | 2162 | 7.40E-15 | 2264 | -1.07E-14 | 2366 | 2.92E-14 | 2468 | 2.39E-14 | 2570 | 2.44E-14 | 2672 | 4.38E-14 | 2774 | 5.01E-14 | 2876 | 6.80E-14 | 2978 | 1.03E-13 | 3080 | 1.52E-13 | 3182 | 2.21E-13 |
| 2062 | 6.27E-14 | 2164 | 4.60E-14 | 2266 | -1.75E-14 | 2368 | 9.11E-15 | 2470 | 2.18E-14 | 2572 | 2.14E-14 | 2674 | 4.18E-14 | 2776 | 5.21E-14 | 2878 | 6.87E-14 | 2980 | 9.12E-14 | 3082 | 1.58E-13 | 3184 | 2.31E-13 |
| 2064 | 6.07E-14 | 2166 | 6.64E-14 | 2268 | 3.92E-15 | 2370 | 5.06E-16 | 2472 | 2.20E-14 | 2574 | 2.67E-14 | 2676 | 3.77E-14 | 2778 | 4.77E-14 | 2880 | 7.36E-14 | 2982 | 8.30E-14 | 3084 | 1.61E-13 | 3186 | 2.31E-13 |
| 2066 | 5.41E-14 | 2168 | 4.25E-14 | 2270 | 3.04E-14 | 2372 | 1.16E-14 | 2474 | 2.14E-14 | 2576 | 2.90E-14 | 2678 | 3.59E-14 | 2780 | 4.49E-14 | 2882 | 7.86E-14 | 2984 | 8.62E-14 | 3086 | 1.62E-13 | 3188 | 2.29E-13 |
| 2068 | 2.99E-14 | 2170 | 4.85E-14 | 2272 | -2.31E-15 | 2374 | 3.23E-15 | 2476 | 2.20E-14 | 2578 | 2.90E-14 | 2680 | 3.91E-14 | 2782 | 4.73E-14 | 2884 | 7.78E-14 | 2986 | 1.03E-13 | 3088 | 1.60E-13 | 3190 | 2.27E-13 |
| 2070 | 3.52E-14 | 2172 | 3.21E-14 | 2274 | -2.96E-15 | 2376 | 1.63E-15 | 2478 | 5.86E-14 | 2580 | 3.12E-14 | 2682 | 3.98E-14 | 2784 | 5.35E-14 | 2886 | 7.80E-14 | 2988 | 1.13E-13 | 3090 | 1.47E-13 | 3192 | 2.20E-13 |
| 2072 | 6.40E-15 | 2174 | 3.00E-14 | 2276 | 1.15E-14 | 2378 | 3.03E-14 | 2480 | 2.39E-14 | 2582 | 3.26E-14 | 2684 | 4.00E-14 | 2786 | 5.99E-14 | 2888 | 8.40E-14 | 2990 | 1.14E-13 | 3092 | 1.35E-13 | 3194 | 2.16E-13 |
| 2074 | 2.89E-14 | 2176 | 5.04E-14 | 2278 | -2.50E-14 | 2380 | 9.91E-15 | 2482 | 1.06E-14 | 2584 | 3.32E-14 | 2686 | 4.32E-14 | 2788 | 6.20E-14 | 2890 | 8.20E-14 | 2992 | 1.12E-13 | 3094 | 1.38E-13 | 3196 | 2.27E-13 |
| 2076 | 5.56E-14 | 2178 | 3.00E-14 | 2280 | -1.96E-14 | 2382 | -1.92E-14 | 2484 | 4.11E-14 | 2586 | 2.74E-14 | 2688 | 4.87E-14 | 2790 | 6.31E-14 | 2892 | 7.89E-14 | 2994 | 1.10E-13 | 3096 | 1.44E-13 | 3198 | 2.43E-13 |


HD 221861 K0 Ib V=5.84 (B-V)=1.80 E(B-V)=0.62
LAP: LWP 12661; SAP: LWP 12661
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 132142 K1 V V=7.73 (B-V)=0.79 E(B-V)=-0.07**

**LAP: LWP 13416**

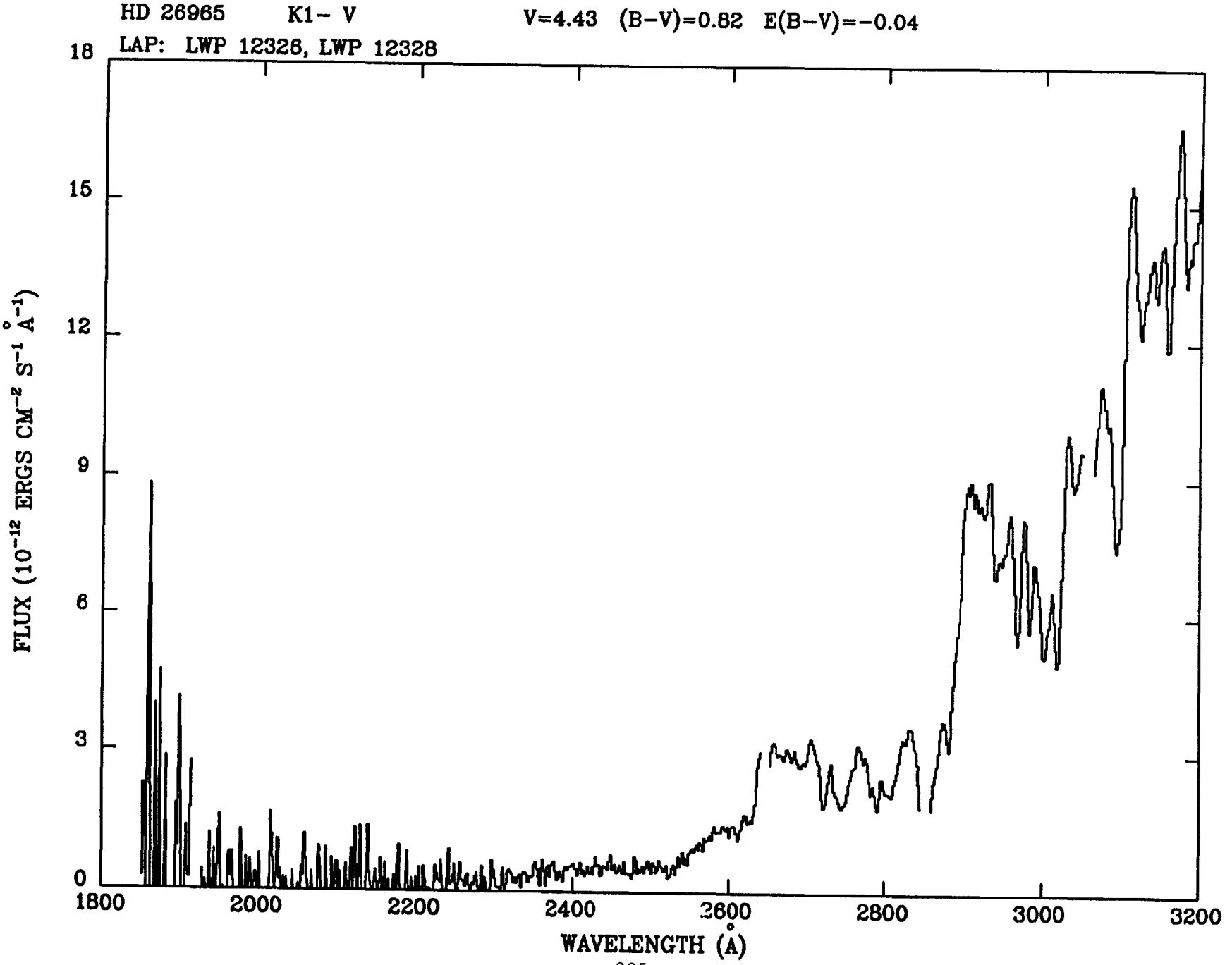
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 8.88E-14 | 2078 | 9.46E-15 | 2180 | -1.35E-14 | 2282 | 6.02E-14 | 2384 | 6.60E-15 | 2486 | 5.33E-14 | 2588 | 5.47E-14 | 2690 | 1.42E-13 | 2792 | 7.23E-14 | 2894 | 3.27E-13 | 2996 | 3.29E-13 | 3098 | 3.78E-13 |
| 1978 | 1.60E-14 | 2080 | 8.02E-15 | 2182 | -5.89E-15 | 2284 | 2.37E-14 | 2386 | 4.49E-14 | 2488 | 2.07E-14 | 2590 | 7.44E-14 | 2692 | 1.49E-13 | 2794 | 7.15E-14 | 2896 | 3.53E-13 | 2998 | 3.05E-13 | 3100 | 4.44E-13 |
| 1980 | -1.33E-13 | 2082 | -1.29E-14 | 2184 | 2.22E-14 | 2286 | -4.49E-15 | 2388 | 7.23E-14 | 2490 | -2.30E-15 | 2592 | 6.77E-14 | 2694 | 1.55E-13 | 2796 | 6.15E-14 | 2898 | 3.94E-13 | 3000 | 2.79E-13 | 3102 | 5.35E-13 |
| 1982 | -6.06E-14 | 2084 | 3.58E-14 | 2186 | 1.01E-13 | 2288 | -2.50E-15 | 2390 | 4.76E-14 | 2492 | 1.44E-14 | 2594 | 5.28E-14 | 2696 | 1.58E-13 | 2798 | 5.76E-14 | 2900 | 4.13E-13 | 3002 | 2.68E-13 | 3104 | 6.20E-13 |
| 1984 | 1.49E-14 | 2086 | 7.70E-14 | 2188 | 1.78E-16 | 2290 | 3.58E-14 | 2392 | 2.82E-14 | 2494 | -2.90E-15 | 2596 | 5.21E-14 | 2698 | 1.61E-13 | 2800 | 6.56E-14 | 2902 | 4.22E-13 | 3004 | 2.72E-13 | 3106 | 6.69E-13 |
| 1986 | 1.53E-14 | 2088 | -5.12E-14 | 2190 | -1.23E-13 | 2292 | 2.09E-15 | 2394 | 4.53E-14 | 2496 | 3.54E-14 | 2598 | 5.79E-14 | 2700 | 1.75E-13 | 2802 | 6.56E-14 | 2904 | 4.33E-13 | 3006 | 2.73E-13 | 3108 | 7.03E-13 |
| 1988 | -8.35E-14 | 2090 | 5.27E-14 | 2192 | -6.51E-14 | 2294 | 1.30E-13 | 2396 | 5.34E-14 | 2498 | 4.14E-14 | 2600 | 4.12E-14 | 2702 | 1.80E-13 | 2804 | 6.86E-14 | 2906 | 4.34E-13 | 3008 | 2.97E-13 | 3110 | 7.27E-13 |
| 1990 | 3.46E-14 | 2092 | 7.08E-14 | 2194 | 5.24E-14 | 2296 | 5.11E-14 | 2398 | 4.83E-14 | 2500 | 9.29E-15 | 2602 | 5.08E-14 | 2704 | 1.84E-13 | 2806 | 6.98E-14 | 2908 | 4.44E-13 | 3010 | 3.31E-13 | 3112 | 7.24E-13 |
| 1992 | 2.58E-14 | 2094 | -6.21E-14 | 2196 | -1.71E-14 | 2298 | -4.79E-14 | 2400 | 6.85E-14 | 2502 | 4.23E-14 | 2604 | 5.64E-14 | 2706 | 1.83E-13 | 2808 | 7.96E-14 | 2910 | 4.52E-13 | 3012 | 3.51E-13 | 3114 | 6.91E-13 |
| 1994 | 6.39E-14 | 2096 | 1.04E-14 | 2198 | -5.92E-14 | 2300 | -3.43E-15 | 2402 | 3.39E-14 | 2504 | 3.02E-14 | 2606 | 6.61E-14 | 2708 | 1.74E-13 | 2810 | 1.04E-13 | 2912 | 4.45E-13 | 3014 | 3.28E-13 | 3116 | 6.33E-13 |
| 1996 | -8.62E-16 | 2098 | 5.52E-14 | 2200 | 2.43E-14 | 2302 | 4.47E-14 | 2404 | 3.83E-14 | 2506 | 5.82E-15 | 2608 | 7.05E-14 | 2710 | 1.64E-13 | 2812 | 1.16E-13 | 2914 | 4.23E-13 | 3016 | 2.88E-13 | 3118 | 6.04E-13 |
| 1998 | -9.04E-14 | 2100 | -3.83E-16 | 2202 | 6.77E-14 | 2304 | 2.36E-14 | 2406 | 8.36E-15 | 2508 | 1.40E-14 | 2610 | 5.95E-14 | 2712 | 1.50E-13 | 2814 | 1.19E-13 | 2916 | 4.11E-13 | 3018 | 2.56E-13 | 3120 | 5.91E-13 |
| 2000 | 4.94E-14 | 2102 | 1.41E-14 | 2204 | 8.04E-14 | 2306 | 1.49E-14 | 2408 | 4.61E-14 | 2510 | 2.95E-14 | 2612 | 4.31E-14 | 2714 | 1.43E-13 | 2816 | 1.33E-13 | 2918 | 4.25E-13 | 3020 | 2.58E-13 | 3122 | 5.86E-13 |
| 2002 | 9.77E-14 | 2104 | -3.44E-14 | 2206 | 2.92E-14 | 2308 | 3.52E-14 | 2410 | 3.28E-14 | 2512 | 2.09E-14 | 2614 | 4.77E-14 | 2716 | 1.27E-13 | 2818 | 1.45E-13 | 2920 | 4.46E-13 | 3022 | 2.87E-13 | 3124 | 5.88E-13 |
| 2004 | 1.85E-13 | 2106 | -7.61E-14 | 2208 | 7.32E-15 | 2310 | 3.11E-14 | 2412 | 2.48E-14 | 2514 | 2.34E-14 | 2616 | 6.60E-14 | 2718 | 8.88E-14 | 2820 | 1.52E-13 | 2922 | 4.23E-13 | 3024 | 3.42E-13 | 3126 | 5.98E-13 |
| 2006 | -1.24E-13 | 2108 | -1.10E-13 | 2210 | -6.07E-14 | 2312 | -7.22E-15 | 2414 | 3.35E-14 | 2516 | 2.00E-14 | 2618 | 6.94E-14 | 2720 | 7.52E-14 | 2822 | 1.59E-13 | 2924 | 3.95E-13 | 3026 | 4.12E-13 | 3128 | 6.38E-13 |
| 2008 | -1.27E-13 | 2110 | 5.51E-14 | 2212 | -9.28E-14 | 2314 | 3.81E-15 | 2416 | 4.39E-14 | 2518 | -5.87E-16 | 2620 | 7.42E-14 | 2722 | 8.31E-14 | 2824 | 1.62E-13 | 2926 | 3.94E-13 | 3028 | 4.76E-13 | 3130 | 6.57E-13 |
| 2010 | -4.68E-14 | 2112 | 6.94E-14 | 2214 | -7.36E-14 | 2316 | 2.23E-14 | 2418 | 3.25E-14 | 2520 | 1.23E-14 | 2622 | 8.01E-14 | 2724 | 9.05E-14 | 2826 | 1.61E-13 | 2928 | 4.26E-13 | 3030 | 5.24E-13 | 3132 | 6.54E-13 |
| 2012 | 6.41E-14 | 2114 | 3.50E-14 | 2216 | -3.23E-14 | 2318 | 9.07E-15 | 2420 | 4.21E-14 | 2522 | 1.86E-14 | 2624 | 9.14E-14 | 2726 | 1.02E-13 | 2828 | 1.69E-13 | 2930 | 4.52E-13 | 3032 | 5.34E-13 | 3134 | 6.71E-13 |
| 2014 | 2.45E-13 | 2116 | 1.18E-13 | 2218 | -1.44E-14 | 2320 | 5.44E-15 | 2422 | 4.41E-14 | 2524 | 1.97E-14 | 2626 | 7.78E-14 | 2728 | 1.32E-13 | 2830 | 1.72E-13 | 2932 | 4.58E-13 | 3034 | 5.13E-13 | 3136 | 6.78E-13 |
| 2016 | -2.24E-14 | 2118 | 5.92E-14 | 2220 | -1.02E-14 | 2322 | 6.84E-14 | 2424 | 2.41E-14 | 2526 | 2.52E-14 | 2628 | 6.33E-14 | 2730 | 1.49E-13 | 2832 | 1.72E-13 | 2934 | 4.31E-13 | 3036 | 4.79E-13 | 3138 | 6.59E-13 |
| 2018 | -1.40E-13 | 2120 | 1.81E-13 | 2222 | 5.57E-14 | 2324 | 5.75E-14 | 2426 | 2.49E-14 | 2528 | 1.81E-14 | 2630 | 7.52E-14 | 2732 | 1.41E-13 | 2834 | 1.65E-13 | 2936 | 3.77E-13 | 3038 | 4.48E-13 | 3140 | 6.22E-13 |
| 2020 | 1.25E-14 | 2122 | 1.18E-13 | 2224 | 3.25E-14 | 2326 | 4.50E-14 | 2428 | 2.94E-14 | 2530 | 6.01E-15 | 2632 | 7.71E-14 | 2734 | 1.16E-13 | 2836 | 1.65E-13 | 2938 | 3.42E-13 | 3040 | 4.45E-13 | 3142 | 5.84E-13 |
| 2022 | 8.41E-14 | 2124 | -2.47E-14 | 2226 | -1.19E-14 | 2328 | 3.19E-14 | 2430 | 2.80E-14 | 2532 | 2.05E-14 | 2634 | 1.08E-13 | 2736 | 9.60E-14 | 2838 | 1.58E-13 | 2940 | 3.38E-13 | 3042 | 4.84E-13 | 3144 | 5.73E-13 |
| 2024 | -3.91E-14 | 2126 | | 2228 | -1.98E-14 | 2330 | 2.77E-14 | 2432 | 2.59E-14 | 2534 | 1.77E-14 | 2636 | 1.30E-13 | 2738 | 9.33E-14 | 2840 | 1.40E-13 | 2942 | 3.50E-13 | 3044 | 5.00E-13 | 3146 | 6.12E-13 |
| 2026 | -8.96E-14 | 2128 | 1.07E-13 | 2230 | 3.61E-14 | 2332 | 4.77E-14 | 2434 | 3.40E-15 | 2536 | -1.15E-15 | 2638 | 1.53E-13 | 2740 | 8.87E-14 | 2842 | 1.26E-13 | 2944 | 3.54E-13 | 3046 | 4.93E-13 | 3148 | 6.57E-13 |
| 2028 | 1.91E-15 | 2130 | 9.58E-14 | 2232 | -3.67E-15 | 2334 | 5.21E-14 | 2436 | 1.54E-14 | 2538 | 8.94E-15 | 2640 | 1.60E-13 | 2742 | 8.19E-14 | 2844 | 1.03E-13 | 2946 | 3.62E-13 | 3048 | 4.98E-13 | 3150 | 6.48E-13 |
| 2030 | 5.55E-14 | 2132 | -1.26E-15 | 2234 | -6.88E-14 | 2336 | 3.99E-14 | 2438 | 3.74E-14 | 2540 | 2.68E-14 | 2642 | 1.67E-13 | 2744 | 8.68E-14 | 2846 | 8.09E-14 | 2948 | 3.76E-13 | 3050 | 5.01E-13 | 3152 | 6.08E-13 |
| 2032 | -9.92E-14 | 2134 | -6.34E-14 | 2236 | -1.56E-14 | 2338 | 9.99E-15 | 2440 | 2.26E-14 | 2542 | 4.31E-14 | 2644 | 1.74E-13 | 2746 | 9.87E-14 | 2848 | | 2950 | 3.83E-13 | 3052 | | 3154 | 5.38E-13 |
| 2034 | -6.40E-14 | 2136 | 4.19E-14 | 2238 | -1.74E-14 | 2340 | 4.12E-15 | 2442 | 1.86E-15 | 2544 | 2.39E-14 | 2646 | 1.38E-13 | 2748 | 1.00E-13 | 2850 | | 2952 | 3.87E-13 | 3054 | | 3156 | 5.25E-13 |
| 2036 | 6.32E-14 | 2138 | 6.77E-14 | 2240 | 2.42E-14 | 2342 | -1.85E-14 | 2444 | 2.91E-14 | 2546 | 1.52E-14 | 2648 | 1.37E-13 | 2750 | 1.04E-13 | 2852 | | 2954 | 3.90E-13 | 3056 | | 3158 | 5.23E-13 |
| 2038 | -6.91E-14 | 2140 | 5.40E-14 | 2242 | 2.21E-14 | 2344 | 8.08E-15 | 2446 | 3.40E-14 | 2548 | 1.95E-14 | 2650 | 1.36E-13 | 2752 | 1.16E-13 | 2854 | | 2956 | 3.94E-13 | 3058 | | 3160 | 5.32E-13 |
| 2040 | -1.22E-13 | 2142 | 2.66E-14 | 2244 | -9.79E-15 | 2346 | 2.97E-14 | 2448 | 2.15E-14 | 2550 | 1.16E-14 | 2652 | 1.43E-13 | 2754 | 1.30E-13 | 2856 | 6.34E-14 | 2958 | 4.20E-13 | 3060 | | 3162 | 5.75E-13 |
| 2042 | 6.74E-15 | 2144 | 4.74E-14 | 2246 | 3.46E-14 | 2348 | -1.13E-14 | 2450 | 6.91E-15 | 2552 | 1.85E-14 | 2654 | 1.61E-13 | 2756 | 1.35E-13 | 2858 | 7.87E-14 | 2960 | 4.36E-13 | 3062 | 4.05E-13 | 3164 | 6.42E-13 |
| 2044 | -1.04E-13 | 2146 | 1.61E-13 | 2248 | 4.25E-14 | 2350 | 1.40E-14 | 2452 | 1.38E-14 | 2554 | 4.52E-14 | 2656 | 1.85E-13 | 2758 | 1.41E-13 | 2860 | 1.07E-13 | 2962 | 3.90E-13 | 3064 | 4.12E-13 | 3166 | 7.05E-13 |
| 2046 | -1.46E-13 | 2148 | 1.36E-13 | 2250 | -8.15E-16 | 2352 | 4.73E-15 | 2454 | 3.76E-16 | 2556 | 4.22E-14 | 2658 | 1.89E-13 | 2760 | 1.45E-13 | 2862 | 1.24E-13 | 2964 | 3.21E-13 | 3066 | 4.47E-13 | 3168 | 7.50E-13 |
| 2048 | -1.01E-13 | 2150 | -1.78E-14 | 2252 | 4.23E-15 | 2354 | 1.49E-14 | 2456 | 1.55E-14 | 2558 | 4.20E-14 | 2660 | 1.62E-13 | 2762 | 1.53E-13 | 2864 | 1.40E-13 | 2966 | 2.79E-13 | 3068 | 4.95E-13 | 3170 | 7.99E-13 |
| 2050 | -6.60E-14 | 2152 | 7.34E-14 | 2254 | 3.55E-14 | 2356 | -1.72E-15 | 2458 | 3.15E-14 | 2560 | 3.38E-14 | 2662 | 1.53E-13 | 2764 | 1.53E-13 | 2866 | 1.62E-13 | 2968 | 2.70E-13 | 3070 | 5.28E-13 | 3172 | 8.32E-13 |
| 2052 | 5.64E-14 | 2154 | 9.94E-14 | 2256 | 2.87E-14 | 2358 | 2.38E-14 | 2460 | 3.17E-14 | 2562 | 3.86E-14 | 2664 | 1.67E-13 | 2766 | 1.50E-13 | 2868 | 1.78E-13 | 2970 | 2.87E-13 | 3072 | 5.44E-13 | 3174 | 8.13E-13 |
| 2054 | 9.84E-14 | 2156 | -2.61E-14 | 2258 | -2.26E-15 | 2360 | -1.75E-15 | 2462 | 1.15E-14 | 2564 | 3.57E-14 | 2666 | 1.61E-13 | 2768 | 1.46E-13 | 2870 | 1.87E-13 | 2972 | 3.23E-13 | 3074 | 5.28E-13 | 3176 | 7.42E-13 |
| 2056 | -1.33E-14 | 2158 | 4.56E-14 | 2260 | -2.28E-14 | 2362 | 4.41E-15 | 2464 | 2.59E-14 | 2566 | 3.95E-14 | 2668 | 1.57E-13 | 2770 | 1.45E-13 | 2872 | 1.99E-13 | 2974 | 3.84E-13 | 3076 | 5.19E-13 | 3178 | 6.93E-13 |
| 2058 | -4.41E-14 | 2160 | 1.11E-13 | 2262 | -1.51E-14 | 2364 | -7.60E-15 | 2466 | 2.56E-14 | 2568 | 4.76E-14 | 2670 | 1.56E-13 | 2772 | 1.58E-13 | 2874 | 1.96E-13 | 2976 | 4.41E-13 | 3078 | 5.09E-13 | 3180 | 6.45E-13 |
| 2060 | -6.04E-14 | 2162 | 2.66E-14 | 2264 | 1.31E-14 | 2366 | 2.25E-14 | 2468 | 2.07E-14 | 2570 | 5.05E-14 | 2672 | 1.62E-13 | 2774 | 1.56E-13 | 2876 | 1.80E-13 | 2978 | 4.19E-13 | 3080 | 5.00E-13 | 3182 | 6.72E-13 |
| 2062 | -8.02E-14 | 2164 | -2.34E-14 | 2266 | -1.99E-14 | 2368 | 2.92E-14 | 2470 | 1.90E-14 | 2572 | 5.42E-14 | 2674 | 1.69E-13 | 2776 | 1.34E-13 | 2878 | 1.51E-13 | 2980 | 3.44E-13 | 3082 | 5.10E-13 | 3184 | 7.15E-13 |
| 2064 | -3.35E-14 | 2166 | -1.63E-14 | 2268 | -4.54E-14 | 2370 | -4.94E-15 | 2472 | 1.37E-14 | 2574 | 5.36E-14 | 2676 | 1.62E-13 | 2778 | 1.22E-13 | 2880 | 1.37E-13 | 2982 | 2.86E-13 | 3084 | 5.14E-13 | 3186 | 7.14E-13 |
| 2066 | -3.08E-14 | 2168 | -3.66E-14 | 2270 | -2.20E-14 | 2372 | -2.70E-14 | 2474 | -2.55E-15 | 2576 | 3.83E-14 | 2678 | 1.52E-13 | 2780 | 1.11E-13 | 2882 | 1.53E-13 | 2984 | 2.81E-13 | 3086 | 4.79E-13 | 3188 | 7.06E-13 |
| 2068 | -7.93E-14 | 2170 | 1.08E-14 | 2272 | -6.62E-15 | 2374 | -1.55E-14 | 2476 | 1.44E-14 | 2578 | 4.70E-14 | 2680 | 1.55E-13 | 2782 | 1.08E-13 | 2884 | 1.84E-13 | 2986 | 3.16E-13 | 3088 | 4.29E-13 | 3190 | 7.13E-13 |
| 2070 | -4.11E-14 | 2172 | 2.14E-14 | 2274 | 3.70E-14 | 2376 | 7.10E-15 | 2478 | 2.50E-14 | 2580 | 6.72E-14 | 2682 | 1.67E-13 | 2784 | 1.07E-13 | 2886 | 2.22E-13 | 2988 | 3.58E-13 | 3090 | 3.90E-13 | 3192 | 7.07E-13 |
| 2072 | -5.24E-14 | 2174 | 4.29E-14 | 2276 | 4.64E-15 | 2378 | 4.97E-14 | 2480 | 3.22E-15 | 2582 | 5.94E-14 | 2684 | 1.74E-13 | 2786 | 9.79E-14 | 2888 | 2.53E-13 | 2990 | 3.77E-13 | 3092 | 3.59E-13 | 3194 | 7.08E-13 |
| 2074 | 1.06E-13 | 2176 | -2.28E-14 | 2278 | -2.18E-14 | 2380 | 3.51E-14 | 2482 | 5.18E-15 | 2584 | 6.39E-14 | 2686 | 1.76E-13 | 2788 | 8.83E-14 | 2890 | 2.80E-13 | 2992 | 3.58E-13 | 3094 | 3.67E-13 | 3196 | 7.63E-13 |
| 2076 | 1.45E-13 | 2178 | 2.94E-14 | 2280 | 4.90E-14 | 2382 | -9.77E-15 | 2484 | 3.35E-14 | 2586 | 5.20E-14 | 2688 | 1.63E-13 | 2790 | 7.48E-14 | 2892 | 3.14E-13 | 2994 | 3.38E-13 | 3096 | 3.77E-13 | 3198 | 8.05E-13 |


HD 132142 K1 V
V=7.73 (B-V)=0.79 E(B-V)=-0.07
LAP: LWP 13416
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

HD 26965 K1- V V=4.43 (B-V)=0.82 E(B-V)=-0.04

LAP: LWP 12326, LWP 12328

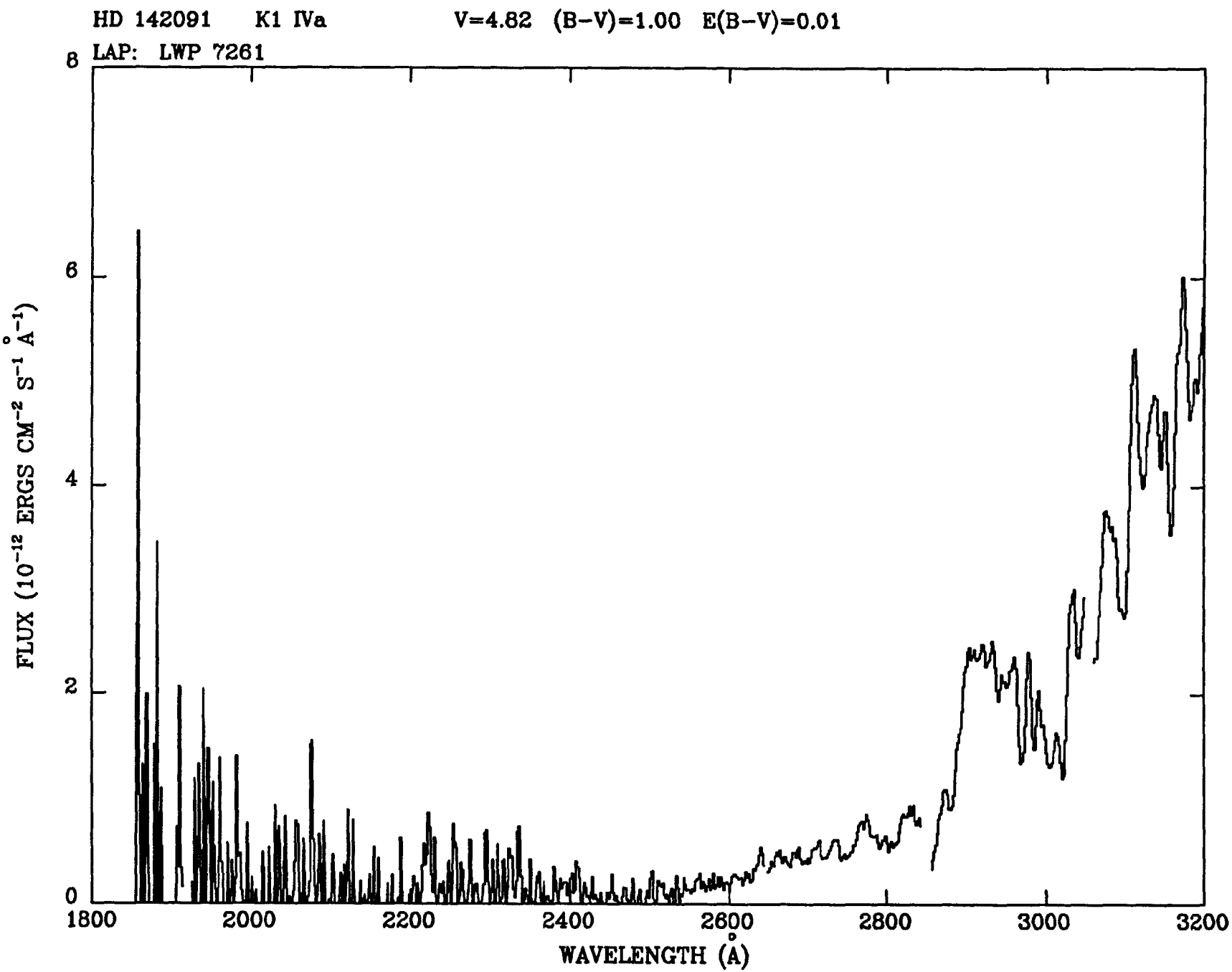
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.31E-13 | 2078 | 8.05E-13 | 2180 | 8.45E-14 | 2282 | 2.31E-13 | 2384 | 4.28E-13 | 2486 | 4.62E-13 | 2588 | 1.32E-12 | 2690 | 2.74E-12 | 2792 | 1.92E-12 | 2894 | 5.89E-12 | 2996 | 6.40E-12 | 3098 | 8.10E-12 |
| 1978 | 1.09E-12 | 2080 | 1.39E-13 | 2182 | -1.03E-13 | 2284 | 1.97E-13 | 2386 | 3.15E-13 | 2488 | 4.82E-13 | 2590 | 1.36E-12 | 2692 | 2.70E-12 | 2794 | 2.25E-12 | 2896 | 6.43E-12 | 2998 | 5.98E-12 | 3100 | 8.87E-12 |
| 1980 | -4.52E-13 | 2082 | -6.07E-13 | 2184 | -1.04E-13 | 2286 | 2.33E-13 | 2388 | 2.99E-13 | 2490 | 5.57E-13 | 2592 | 1.43E-12 | 2694 | 2.78E-12 | 2796 | 2.46E-12 | 2898 | 7.52E-12 | 3000 | 5.36E-12 | 3102 | 1.03E-11 |
| 1982 | -7.00E-13 | 2084 | -1.99E-13 | 2186 | -7.37E-14 | 2288 | 2.19E-13 | 2390 | 4.95E-13 | 2492 | 4.39E-13 | 2594 | 1.41E-12 | 2696 | 2.81E-12 | 2798 | 2.34E-12 | 2900 | 8.24E-12 | 3002 | 5.15E-12 | 3104 | 1.22E-11 |
| 1984 | 5.04E-13 | 2086 | 6.92E-13 | 2188 | 6.61E-13 | 2290 | -6.13E-14 | 2392 | 5.14E-13 | 2494 | 5.43E-13 | 2596 | 1.36E-12 | 2698 | 2.80E-12 | 2800 | 2.20E-12 | 2902 | 8.58E-12 | 3004 | 5.32E-12 | 3106 | 1.39E-11 |
| 1986 | -1.35E-14 | 2088 | -1.88E-13 | 2190 | 2.43E-13 | 2292 | -2.66E-13 | 2394 | 5.07E-13 | 2496 | 6.60E-13 | 2598 | 1.39E-12 | 2700 | 2.91E-12 | 2802 | 2.15E-12 | 2904 | 8.80E-12 | 3006 | 5.63E-12 | 3108 | 1.49E-11 |
| 1988 | 2.53E-13 | 2090 | -6.34E-13 | 2192 | -6.00E-13 | 2294 | 1.48E-13 | 2396 | 5.45E-13 | 2498 | 6.48E-13 | 2600 | 1.30E-12 | 2702 | 3.11E-12 | 2804 | 2.15E-12 | 2906 | 8.84E-12 | 3008 | 5.80E-12 | 3110 | 1.53E-11 |
| 1990 | 5.65E-13 | 2092 | -3.14E-14 | 2194 | -8.36E-14 | 2296 | 6.38E-13 | 2398 | 5.55E-13 | 2500 | 4.76E-13 | 2602 | 1.29E-12 | 2704 | 3.29E-12 | 2806 | 2.13E-12 | 2908 | 8.83E-12 | 3010 | 6.18E-12 | 3112 | 1.54E-11 |
| 1992 | -9.74E-14 | 2094 | 6.36E-13 | 2196 | 1.13E-14 | 2298 | 4.34E-13 | 2400 | 5.91E-13 | 2502 | 4.82E-13 | 2604 | 1.41E-12 | 2706 | 3.30E-12 | 2808 | 2.09E-12 | 2910 | 8.87E-12 | 3012 | 6.57E-12 | 3114 | 1.48E-11 |
| 1994 | 2.13E-13 | 2096 | -1.74E-13 | 2198 | -1.59E-13 | 2300 | 2.20E-13 | 2402 | 5.22E-13 | 2504 | 6.18E-13 | 2606 | 1.44E-12 | 2708 | 3.20E-12 | 2810 | 2.17E-12 | 2912 | 8.58E-12 | 3014 | 6.33E-12 | 3116 | 1.39E-11 |
| 1996 | 3.25E-13 | 2098 | 4.07E-13 | 2200 | 1.50E-13 | 2302 | 8.29E-14 | 2404 | 5.01E-13 | 2506 | 5.22E-13 | 2608 | 1.42E-12 | 2710 | 3.07E-12 | 2812 | 2.39E-12 | 2914 | 8.64E-12 | 3016 | 5.80E-12 | 3118 | 1.32E-11 |
| 1998 | -1.92E-13 | 2100 | 4.69E-13 | 2202 | -8.77E-15 | 2304 | 8.48E-14 | 2406 | 3.73E-13 | 2508 | 4.62E-13 | 2610 | 1.29E-12 | 2712 | 2.94E-12 | 2814 | 2.50E-12 | 2916 | 8.67E-12 | 3018 | 5.23E-12 | 3120 | 1.28E-11 |
| 2000 | 7.61E-14 | 2102 | 1.64E-13 | 2204 | 4.14E-13 | 2306 | 7.00E-14 | 2408 | 4.86E-13 | 2510 | 5.99E-13 | 2612 | 1.15E-12 | 2714 | 2.82E-12 | 2816 | 2.67E-12 | 2918 | 8.43E-12 | 3020 | 5.00E-12 | 3122 | 1.23E-11 |
| 2002 | -1.39E-13 | 2104 | 2.43E-13 | 2206 | 7.59E-14 | 2308 | 2.29E-13 | 2410 | 6.00E-13 | 2512 | 6.20E-13 | 2614 | 1.23E-12 | 2716 | 2.62E-12 | 2818 | 2.92E-12 | 2920 | 8.39E-12 | 3022 | 5.39E-12 | 3124 | 1.21E-11 |
| 2004 | -2.67E-14 | 2106 | -5.76E-14 | 2208 | 3.44E-14 | 2310 | 4.59E-13 | 2412 | 4.08E-13 | 2514 | 5.53E-13 | 2616 | 1.36E-12 | 2718 | 2.14E-12 | 2820 | 3.12E-12 | 2922 | 8.48E-12 | 3024 | 6.34E-12 | 3126 | 1.25E-11 |
| 2006 | -3.13E-13 | 2108 | -1.38E-13 | 2210 | 4.94E-13 | 2312 | 1.51E-13 | 2414 | 4.35E-13 | 2516 | 4.86E-13 | 2618 | 1.46E-12 | 2720 | 1.87E-12 | 2822 | 3.28E-12 | 2924 | 8.30E-12 | 3026 | 7.48E-12 | 3128 | 1.28E-11 |
| 2008 | -5.97E-13 | 2110 | 2.88E-13 | 2212 | 2.20E-13 | 2314 | 1.02E-13 | 2416 | 3.65E-13 | 2518 | 5.01E-13 | 2620 | 1.61E-12 | 2722 | 1.86E-12 | 2824 | 3.30E-12 | 2926 | 8.24E-12 | 3028 | 8.53E-12 | 3130 | 1.30E-11 |
| 2010 | -5.36E-13 | 2112 | 3.14E-13 | 2214 | -1.10E-13 | 2316 | 3.64E-13 | 2418 | 4.58E-13 | 2520 | 5.75E-13 | 2622 | 1.68E-12 | 2724 | 1.95E-12 | 2826 | 3.26E-12 | 2928 | 8.35E-12 | 3030 | 9.50E-12 | 3132 | 1.30E-11 |
| 2012 | -4.17E-13 | 2114 | -3.42E-13 | 2216 | 5.19E-14 | 2318 | 4.56E-13 | 2420 | 4.94E-13 | 2522 | 3.20E-13 | 2624 | 1.58E-12 | 2726 | 2.20E-12 | 2828 | 3.35E-12 | 2930 | 8.76E-12 | 3032 | 9.98E-12 | 3134 | 1.33E-11 |
| 2014 | 6.44E-13 | 2116 | 4.28E-13 | 2218 | 2.78E-14 | 2320 | 4.23E-13 | 2422 | 4.04E-13 | 2524 | 3.53E-13 | 2626 | 1.51E-12 | 2728 | 2.44E-12 | 2830 | 3.53E-12 | 2932 | 9.00E-12 | 3034 | 9.87E-12 | 3136 | 1.37E-11 |
| 2016 | 1.50E-12 | 2118 | 8.56E-13 | 2220 | -7.78E-14 | 2322 | 3.64E-13 | 2424 | 4.65E-13 | 2526 | 4.21E-13 | 2628 | 1.55E-12 | 2730 | 2.70E-12 | 2832 | 3.58E-12 | 2934 | 8.76E-12 | 3036 | 9.55E-12 | 3138 | 1.38E-11 |
| 2018 | 9.80E-13 | 2120 | -1.35E-13 | 2222 | 6.03E-16 | 2324 | 2.04E-13 | 2426 | 4.40E-13 | 2528 | 5.54E-13 | 2630 | 1.53E-12 | 2732 | 2.73E-12 | 2834 | 3.56E-12 | 2936 | 7.97E-12 | 3038 | 8.99E-12 | 3140 | 1.37E-11 |
| 2020 | 3.63E-13 | 2122 | 1.30E-12 | 2224 | 3.65E-13 | 2326 | 2.84E-13 | 2428 | 4.97E-13 | 2530 | 5.52E-13 | 2632 | 1.66E-12 | 2734 | 2.44E-12 | 2836 | 3.37E-12 | 2938 | 7.11E-12 | 3040 | 8.81E-12 | 3142 | 1.33E-11 |
| 2022 | 1.60E-13 | 2124 | 3.22E-13 | 2226 | 4.24E-13 | 2328 | 2.12E-13 | 2430 | 7.02E-13 | 2532 | 4.56E-13 | 2634 | 1.87E-12 | 2736 | 2.17E-12 | 2838 | 3.16E-12 | 2940 | 6.89E-12 | 3042 | 8.91E-12 | 3144 | 1.30E-11 |
| 2024 | 7.70E-13 | 2126 | -4.88E-13 | 2228 | 2.80E-13 | 2330 | 3.13E-13 | 2432 | 6.10E-13 | 2534 | 6.44E-13 | 2636 | 2.27E-12 | 2738 | 2.10E-12 | 2840 | 3.05E-12 | 2942 | 7.01E-12 | 3044 | 9.06E-12 | 3146 | 1.33E-11 |
| 2026 | 5.20E-13 | 2128 | 1.12E-12 | 2230 | 2.00E-13 | 2332 | 2.51E-13 | 2434 | 5.80E-13 | 2536 | 6.80E-13 | 2638 | 2.72E-12 | 2740 | 2.02E-12 | 2842 | 2.75E-12 | 2944 | 7.21E-12 | 3046 | 9.30E-12 | 3148 | 1.38E-11 |
| 2028 | 3.92E-13 | 2130 | 8.45E-13 | 2232 | 5.88E-13 | 2334 | 1.99E-13 | 2436 | 3.70E-13 | 2538 | 6.17E-13 | 2640 | 2.93E-12 | 2742 | 1.91E-12 | 2844 | 2.24E-12 | 2946 | 7.28E-12 | 3048 | 9.52E-12 | 3150 | 1.41E-11 |
| 2030 | -8.77E-14 | 2132 | -5.43E-13 | 2234 | -1.28E-13 | 2336 | 3.77E-13 | 2438 | 3.79E-13 | 2540 | 7.87E-13 | 2642 | 3.05E-12 | 2744 | 1.84E-12 | 2846 | 1.86E-12 | 2948 | 7.21E-12 | 3050 | 9.64E-12 | 3152 | 1.42E-11 |
| 2032 | 2.01E-13 | 2134 | -7.46E-13 | 2236 | -1.09E-13 | 2338 | 4.05E-13 | 2440 | 5.53E-13 | 2542 | 7.13E-13 | 2644 | | 2746 | 1.88E-12 | 2848 | | 2950 | 7.35E-12 | 3052 | 9.62E-12 | 3154 | 1.38E-11 |
| 2034 | -6.38E-15 | 2136 | -1.48E-13 | 2238 | 3.15E-14 | 2340 | 3.69E-13 | 2442 | 5.34E-13 | 2544 | 7.26E-13 | 2646 | | 2748 | 1.92E-12 | 2850 | | 2952 | 7.45E-12 | 3054 | | 3156 | 1.28E-11 |
| 2036 | 2.32E-13 | 2138 | 9.39E-13 | 2240 | 3.49E-13 | 2342 | 2.49E-13 | 2444 | 5.33E-13 | 2546 | 6.64E-13 | 2648 | | 2750 | 1.99E-12 | 2852 | | 2954 | 7.45E-12 | 3056 | | 3158 | 1.19E-11 |
| 2038 | -3.75E-13 | 2140 | 7.47E-13 | 2242 | 6.99E-13 | 2344 | 2.85E-13 | 2446 | 5.49E-13 | 2548 | 6.08E-13 | 2650 | | 2752 | 2.17E-12 | 2854 | | 2956 | 7.76E-12 | 3058 | | 3160 | 1.20E-11 |
| 2040 | -6.29E-13 | 2142 | 2.40E-13 | 2244 | 1.48E-13 | 2346 | 2.97E-13 | 2448 | 7.12E-13 | 2550 | 8.24E-13 | 2652 | 2.77E-12 | 2754 | 2.37E-12 | 2856 | | 2958 | 8.18E-12 | 3060 | | 3162 | 1.28E-11 |
| 2042 | -2.96E-13 | 2144 | -3.23E-13 | 2246 | 2.43E-13 | 2348 | 3.24E-13 | 2450 | 6.56E-13 | 2552 | 9.21E-13 | 2654 | 2.93E-12 | 2756 | 2.49E-12 | 2858 | 1.80E-12 | 2960 | 8.23E-12 | 3062 | | 3164 | 1.37E-11 |
| 2044 | 1.37E-13 | 2146 | -8.58E-14 | 2248 | 4.49E-13 | 2350 | 5.45E-13 | 2452 | 4.89E-13 | 2554 | 9.44E-13 | 2656 | 3.15E-12 | 2758 | 2.60E-12 | 2860 | 2.03E-12 | 2962 | 7.82E-12 | 3064 | 9.21E-12 | 3166 | 1.47E-11 |
| 2046 | -5.89E-13 | 2148 | 4.04E-13 | 2250 | 1.93E-13 | 2352 | 6.19E-13 | 2454 | 5.49E-13 | 2556 | 8.92E-13 | 2658 | 3.24E-12 | 2760 | 2.71E-12 | 2862 | 2.34E-12 | 2964 | 7.05E-12 | 3066 | 9.51E-12 | 3168 | 1.56E-11 |
| 2048 | -4.39E-13 | 2150 | 2.26E-13 | 2252 | -2.77E-13 | 2354 | 4.53E-13 | 2456 | 4.77E-13 | 2558 | 9.82E-13 | 2660 | 3.21E-12 | 2762 | 2.84E-12 | 2864 | 2.54E-12 | 2966 | 6.18E-12 | 3068 | 1.00E-11 | 3170 | 1.62E-11 |
| 2050 | 6.04E-14 | 2152 | -1.30E-13 | 2254 | 9.21E-14 | 2356 | 2.63E-13 | 2458 | 4.47E-13 | 2560 | 9.99E-13 | 2662 | 3.05E-12 | 2764 | 3.10E-12 | 2866 | 2.77E-12 | 2968 | 5.56E-12 | 3070 | 1.03E-11 | 3172 | 1.66E-11 |
| 2052 | -2.16E-13 | 2154 | 2.99E-13 | 2256 | 5.30E-13 | 2358 | 2.23E-13 | 2460 | 5.44E-13 | 2562 | 9.89E-13 | 2664 | 2.96E-12 | 2766 | 3.19E-12 | 2868 | 3.07E-12 | 2970 | 5.61E-12 | 3072 | 1.07E-11 | 3174 | 1.64E-11 |
| 2054 | 1.46E-13 | 2156 | 4.54E-13 | 2258 | 3.42E-13 | 2360 | 5.63E-13 | 2462 | 4.91E-13 | 2564 | 1.06E-12 | 2666 | 3.00E-12 | 2768 | 3.14E-12 | 2870 | 3.41E-12 | 2972 | 6.25E-12 | 3074 | 1.11E-11 | 3176 | 1.55E-11 |
| 2056 | 3.56E-13 | 2158 | -7.14E-14 | 2260 | 2.28E-13 | 2362 | 5.91E-13 | 2464 | 4.00E-13 | 2566 | 9.71E-13 | 2668 | 2.99E-12 | 2770 | 3.00E-12 | 2872 | 3.63E-12 | 2974 | 7.27E-12 | 3076 | 1.10E-11 | 3178 | 1.45E-11 |
| 2058 | 9.74E-13 | 2160 | 3.85E-13 | 2262 | 1.17E-13 | 2364 | 3.09E-13 | 2466 | 6.37E-13 | 2568 | 1.05E-12 | 2670 | 2.89E-12 | 2772 | 2.86E-12 | 2874 | 3.73E-12 | 2976 | 8.05E-12 | 3078 | 1.08E-11 | 3180 | 1.37E-11 |
| 2060 | 7.49E-13 | 2162 | 1.86E-13 | 2264 | 3.09E-13 | 2366 | 3.45E-13 | 2468 | 3.94E-13 | 2570 | 1.13E-12 | 2672 | 2.89E-12 | 2774 | 2.91E-12 | 2876 | 3.68E-12 | 2978 | 8.11E-12 | 3080 | 1.05E-11 | 3182 | 1.33E-11 |
| 2062 | 2.65E-13 | 2164 | -3.96E-14 | 2266 | 3.45E-13 | 2368 | 5.48E-13 | 2470 | 4.00E-13 | 2572 | 1.12E-12 | 2674 | 3.02E-12 | 2776 | 2.87E-12 | 2878 | 3.48E-12 | 2980 | 7.39E-12 | 3082 | 1.02E-11 | 3184 | 1.38E-11 |
| 2064 | -3.49E-13 | 2166 | 1.15E-13 | 2268 | 1.09E-13 | 2370 | 4.11E-13 | 2472 | 3.86E-13 | 2574 | 1.18E-12 | 2676 | 3.09E-12 | 2778 | 2.69E-12 | 2880 | 3.20E-12 | 2982 | 6.27E-12 | 3084 | 1.02E-11 | 3186 | 1.39E-11 |
| 2066 | -2.91E-13 | 2168 | -3.71E-13 | 2270 | 7.22E-14 | 2372 | 5.11E-13 | 2474 | 3.76E-13 | 2576 | 1.22E-12 | 2678 | 3.01E-12 | 2780 | 2.44E-12 | 2882 | 3.26E-12 | 2984 | 5.73E-12 | 3086 | 1.00E-11 | 3188 | 1.39E-11 |
| 2068 | 2.58E-13 | 2170 | -1.38E-14 | 2272 | 1.65E-13 | 2374 | 5.93E-13 | 2476 | 3.49E-13 | 2578 | 1.15E-12 | 2680 | 2.90E-12 | 2782 | 2.14E-12 | 2884 | 3.77E-12 | 2986 | 6.13E-12 | 3088 | 9.27E-12 | 3190 | 1.43E-11 |
| 2070 | -4.00E-13 | 2172 | 2.99E-13 | 2274 | 1.99E-13 | 2376 | 6.45E-13 | 2478 | 5.72E-13 | 2580 | 1.31E-12 | 2682 | 2.90E-12 | 2784 | 2.28E-12 | 2886 | 4.36E-12 | 2988 | 6.78E-12 | 3090 | 8.46E-12 | 3192 | 1.43E-11 |
| 2072 | -2.56E-13 | 2174 | 8.41E-14 | 2276 | 3.57E-13 | 2378 | 4.52E-13 | 2480 | 7.20E-13 | 2582 | 1.41E-12 | 2684 | 3.03E-12 | 2786 | 2.27E-12 | 2888 | 4.94E-12 | 2990 | 7.19E-12 | 3092 | 7.73E-12 | 3194 | 1.45E-11 |
| 2074 | -2.95E-13 | 2176 | 4.67E-13 | 2278 | 1.52E-13 | 2380 | 2.60E-13 | 2482 | 5.36E-13 | 2584 | 1.31E-12 | 2686 | 2.97E-12 | 2788 | 2.07E-12 | 2890 | 5.24E-12 | 2992 | 7.07E-12 | 3094 | 7.50E-12 | 3196 | 1.50E-11 |
| 2076 | 2.77E-13 | 2178 | 9.55E-13 | 2280 | -1.91E-13 | 2382 | 3.04E-13 | 2484 | 4.76E-13 | 2586 | 1.32E-12 | 2688 | 2.84E-12 | 2790 | 1.87E-12 | 2892 | 5.56E-12 | 2994 | 6.71E-12 | 3096 | 7.73E-12 | 3198 | 1.57E-11 |


HD 26965 K1- V V=4.43 (B-V)=0.82 E(B-V)=-0.04
LAP: LWP 12326, LWP 12328
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (A)

**HD 142091 K1 IVa V=4.82 (B-V)=1.00 E(B-V)=0.01**

**LAP: LWP 7261**

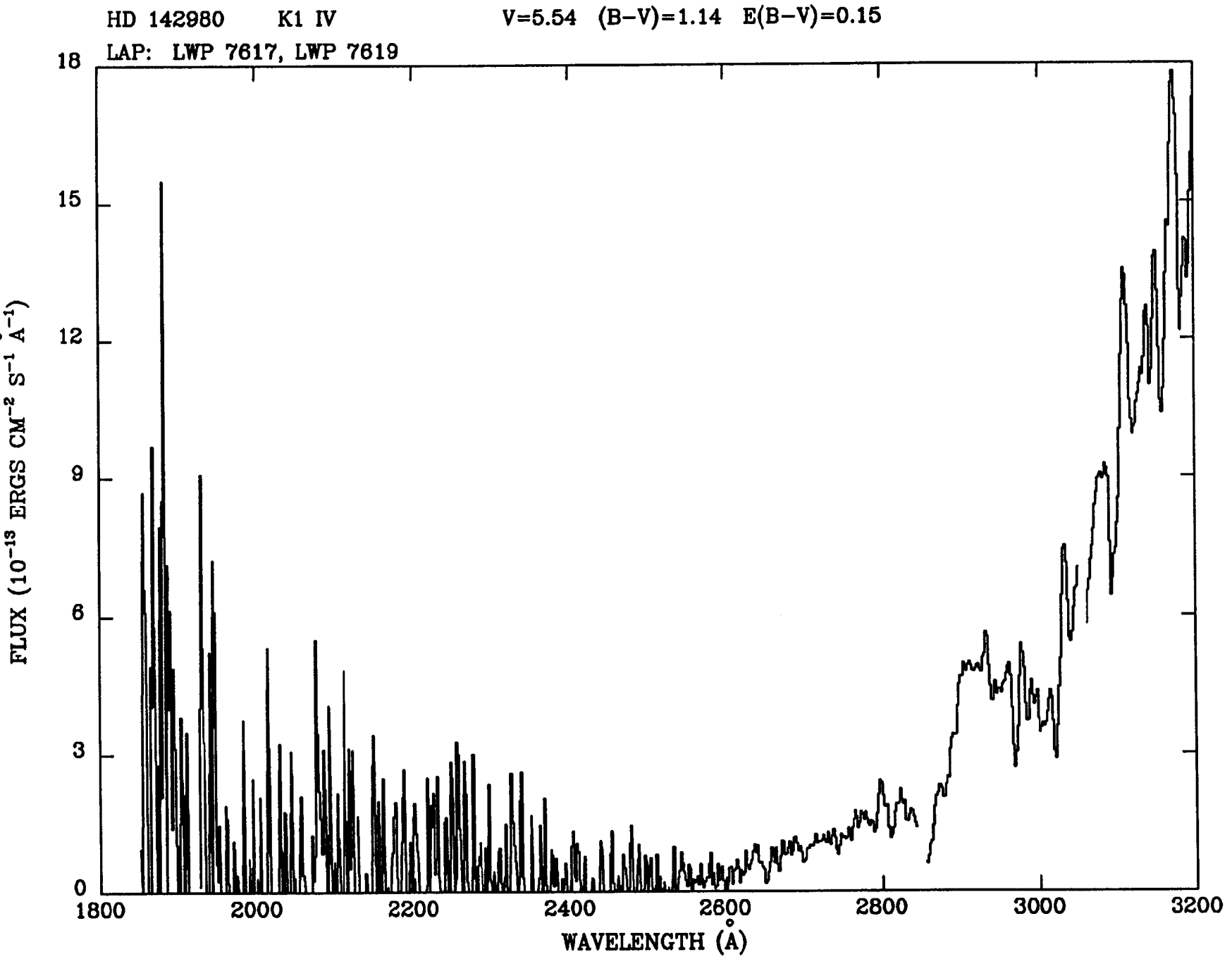
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.97E-13 | 2078 | 1.08E-12 | 2180 | -2.95E-13 | 2282 | 1.81E-13 | 2384 | 9.53E-14 | 2486 | 5.26E-14 | 2588 | 1.89E-13 | 2690 | 4.53E-13 | 2792 | 5.46E-13 | 2894 | 1.68E-12 | 2996 | 1.70E-12 | 3098 | 2.77E-12 |
| 1978 | 7.94E-14 | 2080 | 3.65E-13 | 2182 | -1.86E-13 | 2284 | 1.35E-13 | 2386 | 5.58E-14 | 2488 | 1.20E-13 | 2590 | 2.34E-13 | 2692 | 3.93E-13 | 2794 | 5.87E-13 | 2896 | 1.84E-12 | 2998 | 1.64E-12 | 3100 | 2.75E-12 |
| 1980 | 1.37E-13 | 2082 | -1.08E-13 | 2184 | 4.28E-14 | 2286 | 1.33E-14 | 2388 | 2.07E-13 | 2490 | 2.90E-14 | 2592 | 1.76E-13 | 2694 | 3.96E-13 | 2796 | 6.13E-13 | 2898 | 2.09E-12 | 3000 | 1.49E-12 | 3102 | 2.89E-12 |
| 1982 | 1.11E-12 | 2084 | 1.88E-13 | 2186 | 1.57E-13 | 2288 | -2.70E-13 | 2390 | 1.56E-13 | 2492 | -1.99E-14 | 2594 | 1.65E-13 | 2696 | 4.16E-13 | 2798 | 6.33E-13 | 2900 | 2.23E-12 | 3002 | 1.37E-12 | 3104 | 3.37E-12 |
| 1984 | 5.92E-13 | 2086 | 5.90E-13 | 2188 | 4.45E-13 | 2290 | 1.26E-14 | 2392 | 1.92E-13 | 2494 | -2.65E-14 | 2596 | 2.05E-13 | 2698 | 3.99E-13 | 2800 | 6.06E-13 | 2902 | 2.31E-12 | 3004 | 1.32E-12 | 3106 | 4.00E-12 |
| 1986 | 4.75E-13 | 2088 | 2.79E-14 | 2190 | -1.25E-13 | 2292 | 1.77E-13 | 2394 | 2.05E-13 | 2496 | 7.54E-14 | 2598 | 1.95E-13 | 2700 | 4.33E-13 | 2802 | 5.22E-13 | 2904 | 2.43E-12 | 3006 | 1.32E-12 | 3108 | 4.65E-12 |
| 1988 | 1.40E-13 | 2090 | -7.35E-14 | 2192 | -3.21E-13 | 2294 | 6.78E-13 | 2396 | 1.34E-13 | 2498 | 1.18E-13 | 2600 | 1.44E-13 | 2702 | 4.07E-13 | 2804 | 5.55E-13 | 2906 | 2.42E-12 | 3008 | 1.35E-12 | 3110 | 5.12E-12 |
| 1990 | 3.93E-14 | 2092 | 7.45E-13 | 2194 | -1.06E-13 | 2296 | 6.52E-13 | 2398 | 9.64E-14 | 2500 | 1.03E-13 | 2602 | 1.80E-13 | 2704 | 4.74E-13 | 2806 | 5.93E-13 | 2908 | 2.36E-12 | 3010 | 1.47E-12 | 3112 | 5.30E-12 |
| 1992 | -1.91E-13 | 2094 | -3.90E-13 | 2196 | -2.42E-13 | 2298 | 1.71E-13 | 2400 | 2.01E-13 | 2502 | 2.62E-13 | 2604 | 2.50E-13 | 2706 | 5.26E-13 | 2808 | 5.53E-13 | 2910 | 2.41E-12 | 3012 | 1.57E-12 | 3114 | 5.17E-12 |
| 1994 | 7.74E-14 | 2096 | -7.04E-13 | 2198 | -6.68E-14 | 2300 | 2.69E-15 | 2402 | 2.77E-13 | 2504 | 2.19E-13 | 2606 | 2.80E-13 | 2708 | 5.29E-13 | 2810 | 5.80E-13 | 2912 | 2.39E-12 | 3014 | 1.63E-12 | 3116 | 4.77E-12 |
| 1996 | 2.36E-13 | 2098 | -1.41E-14 | 2200 | -4.60E-14 | 2302 | 2.22E-13 | 2404 | 1.29E-13 | 2506 | 1.92E-14 | 2608 | 2.80E-13 | 2710 | 5.38E-13 | 2812 | 5.76E-13 | 2914 | 2.34E-12 | 3016 | 1.58E-12 | 3118 | 4.37E-12 |
| 1998 | -7.64E-13 | 2100 | -6.74E-14 | 2202 | 8.66E-14 | 2304 | 1.72E-13 | 2406 | 1.22E-13 | 2508 | 1.26E-16 | 2610 | 2.57E-13 | 2712 | 5.77E-13 | 2814 | 6.11E-13 | 2916 | 2.34E-12 | 3018 | 1.47E-12 | 3120 | 4.15E-12 |
| 2000 | 1.64E-14 | 2102 | 4.12E-13 | 2204 | 2.39E-13 | 2306 | -3.33E-13 | 2408 | 3.88E-13 | 2510 | 1.36E-13 | 2612 | 2.35E-13 | 2714 | 6.03E-13 | 2816 | 7.10E-13 | 2918 | 2.38E-12 | 3020 | 1.30E-12 | 3122 | 4.01E-12 |
| 2002 | 3.60E-14 | 2104 | 2.37E-13 | 2206 | 1.86E-13 | 2308 | 8.58E-14 | 2410 | 3.38E-13 | 2512 | 1.93E-13 | 2614 | 2.42E-13 | 2716 | 4.98E-13 | 2818 | 7.93E-13 | 2920 | 2.47E-12 | 3022 | 1.22E-12 | 3124 | 4.01E-12 |
| 2004 | -2.95E-14 | 2106 | -3.63E-13 | 2208 | 2.49E-14 | 2310 | 4.02E-13 | 2412 | 1.83E-13 | 2514 | 1.68E-13 | 2616 | 2.34E-13 | 2718 | 4.42E-13 | 2820 | 8.46E-13 | 2922 | 2.48E-12 | 3024 | 1.38E-12 | 3126 | 4.13E-12 |
| 2006 | 1.20E-13 | 2108 | -6.78E-13 | 2210 | 1.52E-13 | 2312 | 6.81E-14 | 2414 | -1.24E-13 | 2516 | 1.88E-13 | 2618 | 1.98E-13 | 2720 | 4.40E-13 | 2822 | 8.50E-13 | 2924 | 2.42E-12 | 3026 | 1.80E-12 | 3128 | 4.41E-12 |
| 2008 | -7.06E-13 | 2110 | -1.72E-13 | 2212 | -1.70E-13 | 2314 | 2.04E-14 | 2416 | 4.34E-14 | 2518 | 1.08E-13 | 2620 | 2.58E-13 | 2722 | 4.49E-13 | 2824 | 8.34E-13 | 2926 | 2.28E-12 | 3028 | 2.28E-12 | 3130 | 4.55E-12 |
| 2010 | -6.47E-13 | 2112 | 2.45E-13 | 2214 | 1.75E-13 | 2316 | 3.14E-13 | 2418 | 1.82E-13 | 2520 | 5.58E-14 | 2622 | 2.82E-13 | 2724 | 4.46E-13 | 2826 | 8.55E-13 | 2928 | 2.31E-12 | 3030 | 2.68E-12 | 3132 | 4.65E-12 |
| 2012 | -3.32E-13 | 2114 | -1.38E-13 | 2216 | 4.28E-13 | 2318 | 4.21E-13 | 2420 | 1.15E-13 | 2522 | 9.22E-14 | 2624 | 2.73E-13 | 2726 | 4.83E-13 | 2828 | 9.15E-13 | 2930 | 2.35E-12 | 3032 | 2.85E-12 | 3134 | 4.75E-12 |
| 2014 | 4.51E-13 | 2116 | 2.38E-13 | 2218 | 5.02E-13 | 2320 | -8.29E-14 | 2422 | 7.07E-14 | 2524 | -9.10E-16 | 2626 | 2.42E-13 | 2728 | 5.22E-13 | 2830 | 8.76E-13 | 2932 | 2.44E-12 | 3034 | 2.95E-12 | 3136 | 4.83E-12 |
| 2016 | -9.16E-14 | 2118 | 4.10E-14 | 2220 | 4.10E-13 | 2322 | 1.39E-13 | 2424 | 3.01E-14 | 2526 | 1.29E-13 | 2628 | 2.18E-13 | 2730 | 5.67E-13 | 2832 | 9.07E-13 | 2934 | 2.48E-12 | 3036 | 3.00E-12 | 3138 | 4.87E-12 |
| 2018 | -9.60E-13 | 2120 | 3.79E-13 | 2222 | 6.61E-13 | 2324 | 5.16E-13 | 2426 | 7.07E-14 | 2528 | 1.18E-13 | 2630 | 3.07E-13 | 2732 | 6.05E-13 | 2834 | 9.42E-13 | 2936 | 2.36E-12 | 3038 | 2.71E-12 | 3140 | 4.85E-12 |
| 2020 | -8.50E-13 | 2122 | 8.30E-13 | 2224 | 7.86E-13 | 2326 | 4.43E-13 | 2428 | 2.07E-13 | 2530 | 5.26E-15 | 2632 | 3.22E-13 | 2734 | 6.12E-13 | 2836 | 8.08E-13 | 2938 | 2.17E-12 | 3040 | 2.38E-12 | 3142 | 4.64E-12 |
| 2022 | 2.53E-14 | 2124 | -3.69E-13 | 2226 | 4.30E-13 | 2328 | 3.73E-13 | 2430 | 9.76E-14 | 2532 | 1.06E-13 | 2634 | 3.56E-13 | 2736 | 6.12E-13 | 2838 | 7.63E-13 | 2940 | 1.99E-12 | 3042 | 2.38E-12 | 3144 | 4.31E-12 |
| 2024 | 1.35E-13 | 2126 | -4.13E-14 | 2228 | 1.56E-13 | 2330 | 1.14E-13 | 2432 | 7.78E-14 | 2534 | 2.20E-13 | 2636 | 3.80E-13 | 2738 | 5.89E-13 | 2840 | 8.05E-13 | 2942 | 2.01E-12 | 3044 | 2.50E-12 | 3146 | 4.18E-12 |
| 2026 | -2.32E-13 | 2128 | 6.35E-13 | 2230 | 4.95E-13 | 2332 | 1.13E-13 | 2434 | 6.05E-14 | 2536 | 9.32E-14 | 2638 | 4.67E-13 | 2740 | 4.96E-13 | 2842 | 8.18E-13 | 2944 | 2.14E-12 | 3046 | 2.66E-12 | 3148 | 4.40E-12 |
| 2028 | -2.97E-13 | 2130 | 4.77E-15 | 2232 | 1.62E-13 | 2334 | 4.30E-13 | 2436 | -1.93E-13 | 2538 | 6.43E-14 | 2640 | 5.36E-13 | 2742 | 4.29E-13 | 2844 | 7.52E-13 | 2946 | 2.14E-12 | 3048 | 2.82E-12 | 3150 | 4.69E-12 |
| 2030 | 6.86E-13 | 2132 | -3.01E-13 | 2234 | -1.05E-13 | 2336 | 7.12E-13 | 2438 | 9.74E-14 | 2540 | 8.30E-14 | 2642 | 4.67E-13 | 2744 | 4.45E-13 | 2846 | | 2948 | 2.13E-12 | 3050 | 2.93E-12 | 3152 | 4.73E-12 |
| 2032 | -1.51E-14 | 2134 | -3.47E-13 | 2236 | 1.68E-13 | 2338 | 4.74E-13 | 2440 | 7.81E-14 | 2542 | 1.87E-13 | 2644 | 3.69E-13 | 2746 | 4.74E-13 | 2848 | | 2950 | 2.09E-12 | 3052 | | 3154 | 4.23E-12 |
| 2034 | 2.20E-13 | 2136 | -9.12E-14 | 2238 | 1.69E-13 | 2340 | 1.12E-13 | 2442 | -6.67E-14 | 2544 | 2.02E-13 | 2646 | | 2748 | 4.42E-13 | 2850 | | 2952 | 2.08E-12 | 3054 | | 3156 | 3.74E-12 |
| 2036 | 6.92E-13 | 2138 | 1.25E-13 | 2240 | 1.15E-13 | 2342 | 2.61E-14 | 2444 | -8.63E-14 | 2546 | 1.41E-13 | 2648 | 3.07E-13 | 2750 | 4.43E-13 | 2852 | | 2954 | 2.12E-12 | 3056 | | 3158 | 3.55E-12 |
| 2038 | -1.90E-13 | 2140 | 1.57E-14 | 2242 | 1.28E-13 | 2344 | 1.13E-13 | 2446 | 6.20E-14 | 2548 | 1.36E-13 | 2650 | 3.27E-13 | 2752 | 4.62E-13 | 2854 | | 2956 | 2.23E-12 | 3058 | | 3160 | 3.72E-12 |
| 2040 | -3.94E-13 | 2142 | 5.78E-14 | 2244 | -9.17E-14 | 2346 | 8.61E-14 | 2448 | 8.42E-14 | 2550 | 1.32E-13 | 2652 | 3.77E-13 | 2754 | 4.92E-13 | 2856 | 3.33E-13 | 2958 | 2.25E-12 | 3060 | 2.32E-12 | 3162 | 4.15E-12 |
| 2042 | 6.12E-13 | 2144 | -7.30E-14 | 2246 | 1.01E-13 | 2348 | 2.16E-14 | 2450 | 7.78E-14 | 2552 | 1.05E-13 | 2654 | 3.95E-13 | 2756 | 5.09E-13 | 2858 | 3.92E-13 | 2960 | 2.31E-12 | 3062 | 2.35E-12 | 3164 | 4.75E-12 |
| 2044 | 5.51E-13 | 2146 | -4.53E-14 | 2248 | 3.93E-13 | 2350 | 3.98E-13 | 2452 | 2.04E-13 | 2554 | 1.41E-13 | 2656 | 3.72E-13 | 2758 | 5.62E-13 | 2860 | 4.86E-13 | 2962 | 2.33E-12 | 3064 | 2.35E-12 | 3166 | 5.23E-12 |
| 2046 | -4.36E-14 | 2148 | 2.45E-13 | 2250 | 1.36E-13 | 2352 | 3.49E-14 | 2454 | 1.75E-13 | 2556 | 1.40E-13 | 2658 | 4.33E-13 | 2760 | 5.78E-13 | 2862 | 5.57E-13 | 2964 | 2.12E-12 | 3066 | 2.51E-12 | 3168 | 5.33E-12 |
| 2048 | 6.20E-14 | 2150 | 8.84E-14 | 2252 | -6.68E-14 | 2354 | -9.80E-14 | 2456 | 5.60E-14 | 2558 | 2.23E-13 | 2660 | 4.89E-13 | 2762 | 6.45E-13 | 2864 | 6.62E-13 | 2966 | 1.73E-12 | 3068 | 2.76E-12 | 3170 | 5.56E-12 |
| 2050 | -6.59E-14 | 2152 | -2.28E-14 | 2254 | 4.55E-13 | 2356 | -1.08E-14 | 2458 | 6.47E-14 | 2560 | 2.38E-13 | 2662 | 4.67E-13 | 2764 | 7.19E-13 | 2866 | 8.12E-13 | 2968 | 1.42E-12 | 3070 | 3.02E-12 | 3172 | 5.91E-12 |
| 2052 | -2.27E-14 | 2154 | 4.65E-13 | 2256 | 6.47E-13 | 2358 | 2.48E-13 | 2460 | 3.68E-14 | 2562 | 2.60E-13 | 2664 | 5.08E-13 | 2766 | 7.65E-13 | 2868 | 8.72E-13 | 2970 | 1.36E-12 | 3072 | 3.29E-12 | 3174 | 5.93E-12 |
| 2054 | 3.00E-13 | 2156 | -3.05E-14 | 2258 | 5.48E-13 | 2360 | 2.37E-13 | 2462 | -1.01E-13 | 2564 | 2.27E-13 | 2666 | 4.39E-13 | 2768 | 7.85E-13 | 2870 | 9.63E-13 | 2972 | 1.43E-12 | 3074 | 3.61E-12 | 3176 | 5.61E-12 |
| 2056 | 6.70E-13 | 2158 | -7.68E-14 | 2260 | -2.78E-14 | 2362 | 1.43E-13 | 2464 | 5.09E-15 | 2566 | 1.81E-13 | 2668 | 4.02E-13 | 2770 | 7.50E-13 | 2872 | 1.08E-12 | 2974 | 1.64E-12 | 3076 | 3.76E-12 | 3178 | 5.25E-12 |
| 2058 | 7.58E-13 | 2160 | 3.01E-13 | 2262 | 3.32E-14 | 2364 | -5.57E-14 | 2466 | 7.05E-14 | 2568 | 1.97E-13 | 2670 | 4.55E-13 | 2772 | 7.66E-13 | 2874 | 1.09E-12 | 2976 | 2.07E-12 | 3078 | 3.75E-12 | 3180 | 4.87E-12 |
| 2060 | 2.80E-13 | 2162 | -2.90E-13 | 2264 | 3.71E-13 | 2366 | 1.07E-13 | 2468 | 1.52E-13 | 2570 | 1.47E-13 | 2672 | 4.39E-13 | 2774 | 8.41E-13 | 2876 | 1.08E-12 | 2978 | 2.37E-12 | 3080 | 3.67E-12 | 3182 | 4.66E-12 |
| 2062 | -4.04E-13 | 2164 | -4.22E-13 | 2266 | 3.15E-13 | 2368 | 6.19E-14 | 2470 | 1.29E-13 | 2572 | 1.56E-13 | 2674 | 3.95E-13 | 2776 | 8.20E-13 | 2878 | 9.94E-13 | 2980 | 2.35E-12 | 3082 | 3.59E-12 | 3184 | 4.74E-12 |
| 2064 | -1.43E-13 | 2166 | -2.82E-13 | 2268 | 7.70E-14 | 2370 | 2.74E-14 | 2472 | 2.83E-14 | 2574 | 2.23E-13 | 2676 | 3.66E-13 | 2778 | 7.63E-13 | 2880 | 9.10E-13 | 2982 | 1.98E-12 | 3084 | 3.60E-12 | 3186 | 4.82E-12 |
| 2066 | 5.30E-13 | 2168 | -5.25E-13 | 2270 | -1.13E-13 | 2372 | 7.16E-14 | 2474 | 8.17E-15 | 2576 | 1.55E-13 | 2678 | 3.83E-13 | 2780 | 6.64E-13 | 2882 | 9.23E-13 | 2984 | 1.58E-12 | 3086 | 3.53E-12 | 3188 | 5.02E-12 |
| 2068 | -1.78E-13 | 2170 | -4.27E-14 | 2272 | 2.81E-14 | 2374 | 3.89E-14 | 2476 | 2.19E-16 | 2578 | 1.63E-13 | 2680 | 4.57E-13 | 2782 | 6.55E-13 | 2884 | 9.99E-13 | 2986 | 1.51E-12 | 3088 | 3.50E-12 | 3190 | 5.00E-12 |
| 2070 | 1.76E-14 | 2172 | -2.57E-13 | 2274 | 3.55E-13 | 2376 | 1.11E-14 | 2478 | 1.75E-13 | 2580 | 2.79E-13 | 2682 | 4.92E-13 | 2784 | 6.48E-13 | 2886 | 1.20E-12 | 2988 | 1.77E-12 | 3090 | 3.37E-12 | 3192 | 4.94E-12 |
| 2072 | 1.05E-13 | 2174 | -2.73E-13 | 2276 | 4.65E-13 | 2378 | 2.81E-14 | 2480 | 1.08E-13 | 2582 | 1.54E-13 | 2684 | 4.61E-13 | 2786 | 6.52E-13 | 2888 | 1.43E-12 | 2990 | 1.98E-12 | 3092 | 3.00E-12 | 3194 | 5.11E-12 |
| 2074 | 6.62E-13 | 2176 | 1.97E-13 | 2278 | 2.59E-14 | 2380 | 3.44E-13 | 2482 | -1.45E-14 | 2584 | 1.92E-13 | 2686 | 4.92E-13 | 2788 | 6.43E-13 | 2890 | 1.54E-12 | 2992 | 1.98E-12 | 3094 | 2.82E-12 | 3196 | 5.37E-12 |
| 2076 | 1.53E-12 | 2178 | 4.16E-14 | 2280 | -1.34E-14 | 2382 | 2.06E-13 | 2484 | -1.49E-14 | 2586 | 2.35E-13 | 2688 | 5.37E-13 | 2790 | 5.71E-13 | 2892 | 1.61E-12 | 2994 | 1.79E-12 | 3096 | 2.82E-12 | 3198 | 5.60E-12 |


HD 142091 K1 IVa V=4.82 (B-V)=1.00 E(B-V)=0.01
LAP: LWP 7261
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 142980 K1 IV V=5.54 (B-V)=1.14 E(B-V)=0.15**

**LAP: LWP 7617, LWP 7619**

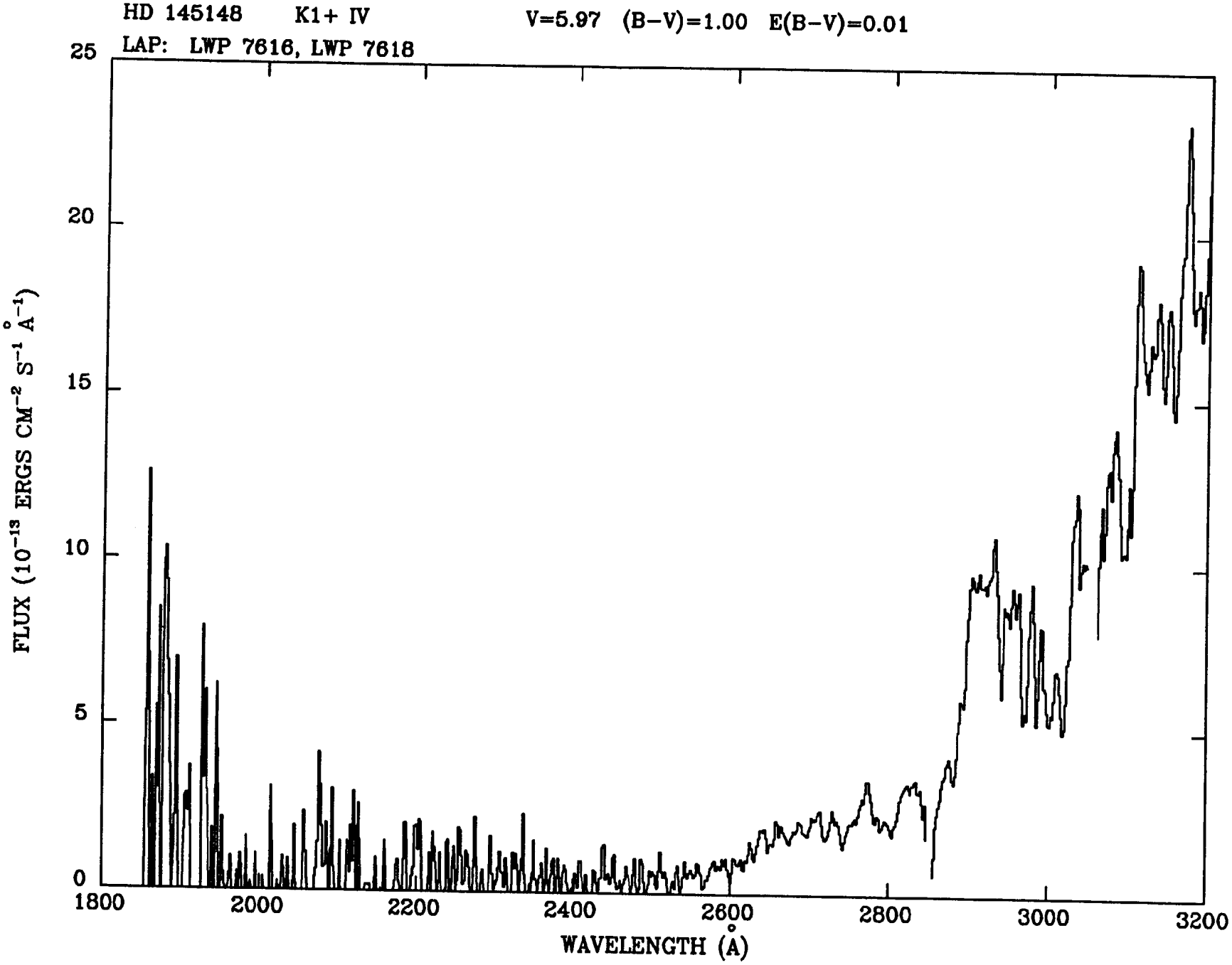
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -5.72E-15 | 2078 | 2.83E-13 | 2180 | -1.30E-13 | 2282 | 6.96E-14 | 2384 | -6.71E-14 | 2486 | 4.68E-14 | 2588 | 2.56E-14 | 2690 | 1.07E-13 | 2792 | 1.49E-13 | 2894 | 3.42E-13 | 2996 | 4.30E-13 | 3098 | 7.50E-13 |
| 1978 | -1.33E-13 | 2080 | 1.87E-13 | 2182 | -1.86E-14 | 2284 | 9.65E-14 | 2386 | -7.07E-14 | 2488 | 9.45E-14 | 2590 | 4.66E-14 | 2692 | 8.92E-14 | 2794 | 1.88E-13 | 2896 | 4.03E-13 | 2998 | 4.03E-13 | 3100 | 8.06E-13 |
| 1980 | -6.02E-14 | 2082 | 1.11E-13 | 2184 | 1.30E-13 | 2286 | 1.20E-14 | 2388 | 2.15E-14 | 2490 | 1.38E-14 | 2592 | 2.49E-14 | 2694 | 9.64E-14 | 2796 | 2.27E-13 | 2898 | 4.53E-13 | 3000 | 3.56E-13 | 3102 | 8.90E-13 |
| 1982 | 2.80E-13 | 2084 | 2.43E-13 | 2186 | 2.22E-13 | 2288 | -1.22E-13 | 2390 | 1.36E-14 | 2492 | -2.53E-15 | 2594 | 3.93E-14 | 2696 | 8.35E-14 | 2798 | 2.38E-13 | 2900 | 4.69E-13 | 3002 | 3.54E-13 | 3104 | 1.05E-12 |
| 1984 | 5.47E-14 | 2086 | 2.48E-13 | 2188 | 1.32E-13 | 2290 | 5.95E-14 | 2392 | 4.30E-14 | 2494 | 9.32E-15 | 2596 | 3.70E-14 | 2698 | 6.37E-14 | 2800 | 2.18E-13 | 2902 | 4.76E-13 | 3004 | 3.64E-13 | 3106 | 1.21E-12 |
| 1986 | -1.30E-13 | 2088 | -6.84E-14 | 2190 | -1.86E-13 | 2292 | -5.30E-14 | 2394 | 1.75E-14 | 2496 | 7.68E-14 | 2598 | 9.79E-15 | 2700 | 6.75E-14 | 2802 | 1.91E-13 | 2904 | 4.94E-13 | 3006 | 3.61E-13 | 3108 | 1.31E-12 |
| 1988 | -5.38E-14 | 2090 | 8.57E-14 | 2192 | -1.36E-13 | 2294 | 1.28E-13 | 2396 | -6.99E-14 | 2498 | 5.59E-14 | 2600 | -3.33E-15 | 2702 | 7.71E-14 | 2804 | 1.85E-13 | 2906 | 4.85E-13 | 3008 | 3.66E-13 | 3110 | 1.35E-12 |
| 1990 | 5.16E-14 | 2092 | 3.93E-13 | 2194 | 8.06E-14 | 2296 | 2.13E-13 | 2398 | -2.02E-14 | 2500 | 1.10E-14 | 2602 | 1.33E-14 | 2704 | 9.29E-14 | 2806 | 1.87E-13 | 2908 | 4.86E-13 | 3010 | 3.90E-13 | 3112 | 1.30E-12 |
| 1992 | -1.11E-13 | 2094 | -2.61E-14 | 2196 | 2.47E-14 | 2298 | 2.01E-14 | 2400 | 7.72E-14 | 2502 | 6.46E-14 | 2604 | 4.49E-14 | 2706 | 9.61E-14 | 2808 | 1.43E-13 | 2910 | 4.97E-13 | 3012 | 4.20E-13 | 3114 | 1.22E-12 |
| 1994 | 1.03E-13 | 2096 | -1.97E-14 | 2198 | 9.55E-14 | 2300 | 1.03E-14 | 2402 | 1.23E-13 | 2504 | 5.11E-14 | 2606 | 5.30E-14 | 2708 | 9.94E-14 | 2810 | 1.17E-13 | 2912 | 4.95E-13 | 3014 | 4.35E-13 | 3116 | 1.11E-12 |
| 1996 | 1.73E-14 | 2098 | 1.95E-14 | 2200 | 1.86E-13 | 2302 | 2.32E-14 | 2404 | 4.65E-14 | 2506 | -5.24E-15 | 2608 | 1.78E-14 | 2710 | 9.82E-14 | 2812 | 1.24E-13 | 2914 | 4.84E-13 | 3016 | 4.10E-13 | 3118 | 1.03E-12 |
| 1998 | -3.88E-13 | 2100 | -7.18E-14 | 2202 | 1.41E-13 | 2304 | -2.61E-14 | 2406 | 2.34E-14 | 2508 | -8.78E-15 | 2610 | 4.49E-14 | 2712 | 1.03E-13 | 2814 | 1.43E-13 | 2916 | 4.80E-13 | 3018 | 3.51E-13 | 3120 | 9.97E-13 |
| 2000 | -1.69E-13 | 2102 | 1.81E-13 | 2204 | 9.55E-14 | 2306 | 2.37E-14 | 2408 | 9.99E-14 | 2510 | 5.08E-14 | 2612 | 5.27E-14 | 2714 | 1.18E-13 | 2816 | 1.77E-13 | 2918 | 4.84E-13 | 3020 | 3.00E-13 | 3122 | 1.00E-12 |
| 2002 | -2.15E-13 | 2104 | 6.00E-14 | 2206 | -6.03E-15 | 2308 | 9.20E-14 | 2410 | 8.01E-14 | 2512 | 3.34E-14 | 2614 | 6.42E-14 | 2716 | 1.10E-13 | 2818 | 1.90E-13 | 2920 | 4.91E-13 | 3022 | 3.18E-13 | 3124 | 1.01E-12 |
| 2004 | 1.63E-13 | 2106 | -1.36E-13 | 2208 | -1.07E-13 | 2310 | 5.30E-14 | 2412 | 7.38E-15 | 2514 | 2.17E-14 | 2616 | 4.32E-14 | 2718 | 1.07E-13 | 2820 | 1.91E-13 | 2922 | 4.95E-13 | 3024 | 3.98E-13 | 3126 | 1.06E-12 |
| 2006 | -9.91E-14 | 2108 | -1.52E-13 | 2210 | -2.83E-14 | 2312 | -2.19E-15 | 2414 | -6.75E-14 | 2516 | 1.22E-14 | 2618 | 2.81E-14 | 2720 | 1.08E-13 | 2822 | 2.06E-13 | 2924 | 4.84E-13 | 3026 | 4.78E-13 | 3128 | 1.08E-12 |
| 2008 | -3.20E-13 | 2110 | 2.68E-13 | 2212 | -1.17E-13 | 2314 | 1.88E-14 | 2416 | 1.45E-14 | 2518 | -9.80E-15 | 2620 | 4.11E-14 | 2722 | 1.11E-13 | 2824 | 2.10E-13 | 2926 | 4.81E-13 | 3028 | 5.88E-13 | 3130 | 1.11E-12 |
| 2010 | -1.94E-13 | 2112 | 2.71E-13 | 2214 | -1.20E-14 | 2316 | 1.19E-13 | 2418 | 4.96E-14 | 2520 | 1.49E-14 | 2622 | 3.67E-14 | 2724 | 1.21E-13 | 2826 | 1.94E-13 | 2928 | 5.11E-13 | 3030 | 7.08E-13 | 3132 | 1.13E-12 |
| 2012 | -5.10E-15 | 2114 | -6.96E-15 | 2216 | 8.49E-14 | 2318 | 3.12E-14 | 2420 | -2.00E-14 | 2522 | -1.58E-14 | 2624 | 6.60E-14 | 2726 | 1.10E-13 | 2828 | 1.95E-13 | 2930 | 5.28E-13 | 3032 | 7.49E-13 | 3134 | 1.13E-12 |
| 2014 | 4.78E-13 | 2116 | 2.38E-13 | 2218 | 1.58E-13 | 2320 | -1.52E-13 | 2422 | -5.54E-14 | 2524 | -2.07E-14 | 2626 | 6.85E-14 | 2728 | 1.09E-13 | 2830 | 1.67E-13 | 2932 | 5.61E-13 | 3034 | 7.21E-13 | 3136 | 1.20E-12 |
| 2016 | 1.64E-13 | 2118 | 9.03E-14 | 2220 | 7.90E-14 | 2322 | 7.54E-14 | 2424 | -5.99E-14 | 2526 | 7.69E-15 | 2628 | 5.06E-14 | 2730 | 1.23E-13 | 2832 | 1.54E-13 | 2934 | 5.33E-13 | 3036 | 6.43E-13 | 3138 | 1.26E-12 |
| 2018 | -1.25E-13 | 2120 | 2.54E-13 | 2222 | 1.66E-13 | 2324 | 2.48E-13 | 2426 | -4.80E-15 | 2528 | -6.59E-15 | 2630 | 5.58E-14 | 2732 | 1.05E-13 | 2834 | 1.64E-13 | 2936 | 4.74E-13 | 3038 | 5.54E-13 | 3140 | 1.25E-12 |
| 2020 | -7.73E-14 | 2122 | 2.70E-13 | 2224 | 1.82E-13 | 2326 | 1.44E-13 | 2428 | 2.77E-14 | 2530 | -1.62E-14 | 2632 | 6.59E-14 | 2734 | 1.08E-13 | 2836 | 1.77E-13 | 2938 | 4.34E-13 | 3040 | 5.45E-13 | 3142 | 1.15E-12 |
| 2022 | -3.67E-14 | 2124 | -4.69E-13 | 2226 | 1.01E-13 | 2328 | 9.26E-14 | 2430 | -3.48E-14 | 2532 | 5.61E-14 | 2634 | 8.38E-14 | 2736 | 1.27E-13 | 2838 | 1.75E-13 | 2940 | 4.16E-13 | 3042 | 5.71E-13 | 3144 | 1.12E-12 |
| 2024 | -1.98E-13 | 2126 | | 2228 | 6.19E-14 | 2330 | 3.01E-14 | 2432 | -3.75E-14 | 2534 | 5.90E-14 | 2636 | 1.00E-13 | 2738 | 1.26E-13 | 2840 | 1.60E-13 | 2942 | 4.41E-13 | 3044 | 6.24E-13 | 3146 | 1.21E-12 |
| 2026 | -1.18E-13 | 2128 | 1.10E-13 | 2230 | 2.06E-13 | 2332 | -2.42E-14 | 2434 | -3.92E-14 | 2536 | -1.84E-14 | 2638 | 8.56E-14 | 2740 | 1.03E-13 | 2842 | 1.48E-13 | 2944 | 4.56E-13 | 3046 | 6.58E-13 | 3148 | 1.35E-12 |
| 2028 | 2.36E-13 | 2130 | -5.18E-14 | 2232 | 6.61E-14 | 2334 | 1.07E-13 | 2436 | -1.70E-14 | 2538 | -3.08E-15 | 2640 | 9.64E-14 | 2742 | 8.34E-14 | 2844 | 1.40E-13 | 2946 | 4.36E-13 | 3048 | 6.75E-13 | 3150 | 1.39E-12 |
| 2030 | 1.39E-13 | 2132 | -8.35E-14 | 2234 | -3.97E-14 | 2336 | 2.30E-13 | 2438 | 1.10E-13 | 2540 | 3.93E-14 | 2642 | 6.38E-14 | 2744 | 9.30E-14 | 2846 | | 2948 | 4.39E-13 | 3050 | 7.02E-13 | 3152 | 1.31E-12 |
| 2032 | -3.60E-13 | 2134 | -1.98E-13 | 2236 | -3.14E-14 | 2338 | 1.34E-13 | 2440 | 8.02E-14 | 2542 | 7.10E-14 | 2644 | 6.17E-14 | 2746 | 1.18E-13 | 2848 | | 2950 | 4.42E-13 | 3052 | | 3154 | 1.18E-12 |
| 2034 | 1.44E-13 | 2136 | -1.03E-13 | 2238 | 1.88E-14 | 2340 | -1.73E-14 | 2442 | -1.14E-14 | 2544 | 6.71E-14 | 2646 | 5.99E-14 | 2748 | 1.17E-13 | 2850 | | 2952 | 4.33E-13 | 3054 | | 3156 | 1.06E-12 |
| 2036 | 1.54E-13 | 2138 | 4.03E-14 | 2240 | 1.55E-13 | 2342 | -8.14E-14 | 2444 | -1.80E-14 | 2546 | 4.57E-14 | 2648 | 5.08E-14 | 2750 | 1.19E-13 | 2852 | | 2954 | 4.52E-13 | 3056 | | 3158 | 1.05E-12 |
| 2038 | -2.24E-13 | 2140 | -4.60E-14 | 2242 | 1.09E-13 | 2344 | -2.63E-14 | 2446 | -2.98E-14 | 2548 | 2.67E-14 | 2650 | 3.43E-14 | 2752 | 1.15E-13 | 2854 | 6.28E-14 | 2956 | 4.59E-13 | 3058 | | 3160 | 1.12E-12 |
| 2040 | -2.42E-13 | 2142 | -9.48E-14 | 2244 | -4.63E-14 | 2346 | -9.15E-14 | 2448 | -1.48E-14 | 2550 | 1.25E-14 | 2652 | 2.07E-14 | 2754 | 1.19E-13 | 2856 | 6.19E-14 | 2958 | 4.76E-13 | 3060 | 5.82E-13 | 3162 | 1.24E-12 |
| 2042 | 2.07E-13 | 2144 | -6.62E-14 | 2246 | 7.49E-14 | 2348 | -8.03E-14 | 2450 | 3.86E-14 | 2552 | 5.53E-14 | 2654 | 3.37E-14 | 2756 | 1.35E-13 | 2858 | 7.14E-14 | 2960 | 4.91E-13 | 3062 | 6.39E-13 | 3164 | 1.38E-12 |
| 2044 | 1.97E-13 | 2146 | 2.27E-13 | 2248 | 2.68E-13 | 2350 | 1.54E-13 | 2452 | 1.09E-13 | 2554 | 4.50E-14 | 2656 | 5.56E-14 | 2758 | 1.18E-13 | 2860 | 9.56E-14 | 2962 | 4.87E-13 | 3064 | 6.72E-13 | 3166 | 1.45E-12 |
| 2046 | -2.61E-14 | 2148 | 3.36E-13 | 2250 | 1.22E-13 | 2352 | -2.35E-14 | 2454 | 6.26E-14 | 2556 | 8.07E-15 | 2658 | 8.54E-14 | 2760 | 1.19E-13 | 2862 | 1.08E-13 | 2964 | 4.41E-13 | 3066 | 7.16E-13 | 3168 | 1.54E-12 |
| 2048 | -1.59E-14 | 2150 | 7.61E-15 | 2252 | 1.39E-14 | 2354 | -4.22E-14 | 2456 | 7.47E-15 | 2558 | 2.45E-14 | 2660 | 8.20E-14 | 2762 | 1.45E-13 | 2864 | 1.38E-13 | 2966 | 3.62E-13 | 3068 | 7.50E-13 | 3170 | 1.70E-12 |
| 2050 | -1.48E-13 | 2152 | 2.67E-14 | 2254 | 2.08E-13 | 2356 | -1.29E-13 | 2458 | -5.73E-15 | 2560 | 2.05E-14 | 2662 | 6.43E-14 | 2764 | 1.64E-13 | 2866 | 1.82E-13 | 2968 | 2.91E-13 | 3070 | 7.91E-13 | 3172 | 1.77E-12 |
| 2052 | -1.39E-13 | 2154 | 1.58E-13 | 2256 | 3.10E-13 | 2358 | 1.89E-14 | 2460 | 2.44E-14 | 2562 | 2.69E-14 | 2664 | 9.15E-14 | 2766 | 1.70E-13 | 2868 | 2.07E-13 | 2970 | 2.90E-13 | 3072 | 8.42E-13 | 3174 | 1.74E-12 |
| 2054 | 8.58E-14 | 2156 | -5.81E-14 | 2258 | 1.79E-13 | 2360 | 7.04E-14 | 2462 | -1.67E-15 | 2564 | 2.44E-14 | 2666 | 5.90E-14 | 2768 | 1.49E-13 | 2870 | 2.17E-13 | 2972 | 3.39E-13 | 3074 | 8.72E-13 | 3176 | 1.70E-12 |
| 2056 | 1.97E-13 | 2158 | 5.65E-14 | 2260 | 2.24E-14 | 2362 | 3.88E-14 | 2464 | 1.22E-14 | 2566 | 3.68E-14 | 2668 | 4.71E-14 | 2770 | 1.44E-13 | 2872 | 2.31E-13 | 2974 | 4.41E-13 | 3076 | 8.97E-13 | 3178 | 1.57E-12 |
| 2058 | 7.97E-14 | 2160 | 1.96E-13 | 2262 | -2.69E-14 | 2364 | -4.05E-14 | 2466 | 7.36E-15 | 2568 | 4.14E-14 | 2670 | 8.09E-14 | 2772 | 1.65E-13 | 2874 | 2.29E-13 | 2976 | 5.24E-13 | 3078 | 9.03E-13 | 3180 | 1.33E-12 |
| 2060 | 2.78E-14 | 2162 | -7.76E-14 | 2264 | 2.70E-13 | 2366 | 1.38E-13 | 2468 | 7.72E-14 | 2570 | 1.46E-14 | 2672 | 1.09E-13 | 2774 | 1.68E-13 | 2876 | 2.17E-13 | 2978 | 5.22E-13 | 3080 | 9.01E-13 | 3182 | 1.22E-12 |
| 2062 | -1.43E-13 | 2164 | -1.42E-13 | 2266 | 2.05E-13 | 2368 | 8.94E-14 | 2470 | 4.81E-14 | 2572 | 1.67E-14 | 2674 | 9.94E-14 | 2776 | 1.57E-13 | 2878 | 2.05E-13 | 2980 | 4.90E-13 | 3082 | 8.98E-13 | 3184 | 1.29E-12 |
| 2064 | -6.51E-14 | 2166 | -1.10E-13 | 2268 | 1.30E-14 | 2370 | -4.62E-14 | 2472 | 1.54E-14 | 2574 | 2.78E-14 | 2676 | 7.99E-14 | 2778 | 1.69E-13 | 2880 | 2.18E-13 | 2982 | 4.10E-13 | 3084 | 9.15E-13 | 3186 | 1.36E-12 |
| 2066 | -8.63E-14 | 2168 | -1.95E-13 | 2270 | -5.36E-14 | 2372 | -3.71E-14 | 2474 | -2.95E-14 | 2576 | 2.92E-14 | 2678 | 8.62E-14 | 2780 | 1.59E-13 | 2882 | 2.42E-13 | 2984 | 3.71E-13 | 3086 | 9.21E-13 | 3188 | 1.42E-12 |
| 2068 | -1.79E-13 | 2170 | -2.34E-15 | 2272 | -6.92E-14 | 2374 | 6.80E-14 | 2476 | 4.21E-14 | 2578 | 5.68E-14 | 2680 | 1.00E-13 | 2782 | 1.47E-13 | 2884 | 2.48E-13 | 2986 | 3.83E-13 | 3088 | 9.04E-13 | 3190 | 1.39E-12 |
| 2070 | 9.96E-14 | 2172 | 8.38E-14 | 2274 | 1.41E-13 | 2376 | 8.04E-14 | 2478 | 1.23E-13 | 2580 | 7.92E-14 | 2682 | 9.17E-14 | 2784 | 1.44E-13 | 2886 | 2.88E-13 | 2988 | 4.43E-13 | 3090 | 7.93E-13 | 3192 | 1.34E-12 |
| 2072 | 4.12E-14 | 2174 | 1.49E-13 | 2276 | 2.03E-13 | 2378 | 1.56E-14 | 2480 | 6.93E-14 | 2582 | 1.69E-14 | 2684 | 8.34E-14 | 2786 | 1.52E-13 | 2888 | 3.27E-13 | 2990 | 4.49E-13 | 3092 | 6.60E-13 | 3194 | 1.42E-12 |
| 2074 | 2.44E-13 | 2176 | 1.90E-13 | 2278 | -2.77E-14 | 2380 | 7.03E-14 | 2482 | -2.34E-14 | 2584 | 3.46E-14 | 2686 | 1.05E-13 | 2788 | 1.44E-13 | 2890 | 3.40E-13 | 2992 | 4.20E-13 | 3094 | 6.76E-13 | 3196 | 1.56E-12 |
| 2076 | 4.58E-13 | 2178 | 3.88E-14 | 2280 | -2.66E-14 | 2382 | 3.42E-14 | 2484 | -2.00E-14 | 2586 | 7.23E-15 | 2688 | 1.17E-13 | 2790 | 1.30E-13 | 2892 | 3.41E-13 | 2994 | 4.15E-13 | 3096 | 7.30E-13 | 3198 | 1.66E-12 |


HD 142980 K1 IV V=5.54 (B-V)=1.14 E(B-V)=0.15
LAP: LWP 7617, LWP 7619
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200

**HD 145148 K1+ IV V=5.97 (B-V)=1.00 E(B-V)=0.01**

**LAP: LWP 7616, LWP 7618**

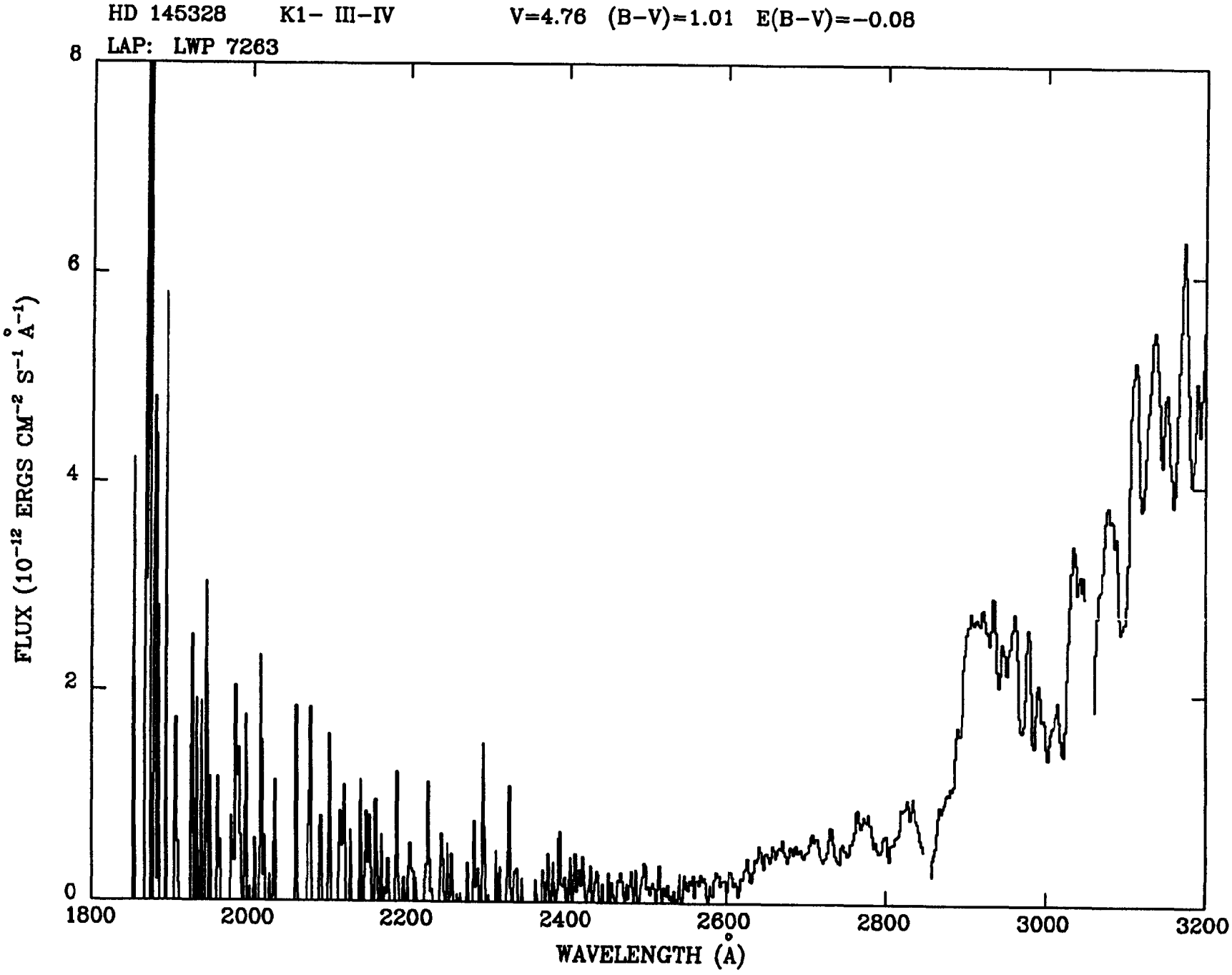
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 8.72E-14 | 2078 | 2.55E-13 | 2180 | -5.81E-15 | 2282 | 3.15E-15 | 2384 | -6.92E-15 | 2486 | 7.60E-14 | 2588 | 8.35E-14 | 2690 | 2.14E-13 | 2792 | 2.09E-13 | 2894 | 5.76E-13 | 2996 | 6.32E-13 | 3098 | 1.05E-12 |
| 1978 | -1.18E-13 | 2080 | 1.25E-13 | 2182 | -6.65E-14 | 2284 | 6.28E-14 | 2386 | -1.43E-14 | 2488 | 9.30E-14 | 2590 | 9.92E-14 | 2692 | 1.93E-13 | 2794 | 2.22E-13 | 2896 | 6.37E-13 | 2998 | 5.92E-13 | 3100 | 1.15E-12 |
| 1980 | -1.72E-13 | 2082 | 7.28E-14 | 2184 | 1.18E-13 | 2286 | 3.47E-14 | 2388 | 6.87E-14 | 2490 | 4.24E-14 | 2592 | 8.71E-14 | 2694 | 1.87E-13 | 2796 | 2.25E-13 | 2898 | 7.86E-13 | 3000 | 5.38E-13 | 3102 | 1.22E-12 |
| 1982 | 8.18E-14 | 2084 | 1.65E-13 | 2186 | 2.06E-13 | 2288 | -4.26E-14 | 2390 | 7.78E-14 | 2492 | 4.87E-15 | 2594 | 9.59E-14 | 2696 | 1.82E-13 | 2798 | 2.20E-13 | 2900 | 8.61E-13 | 3002 | 5.24E-13 | 3104 | 1.15E-12 |
| 1984 | -3.20E-14 | 2086 | 1.30E-13 | 2188 | 1.19E-13 | 2290 | -2.10E-14 | 2392 | 5.19E-14 | 2494 | 4.28E-16 | 2596 | 8.97E-14 | 2698 | 1.80E-13 | 2800 | 2.08E-13 | 2902 | 9.45E-13 | 3004 | 5.47E-13 | 3106 | 1.36E-12 |
| 1986 | -2.18E-14 | 2088 | 2.37E-14 | 2190 | -1.05E-13 | 2292 | -6.48E-14 | 2394 | 1.20E-14 | 2496 | 3.19E-14 | 2598 | 6.38E-14 | 2700 | 1.98E-13 | 2802 | 1.91E-13 | 2904 | 9.69E-13 | 3006 | 5.47E-13 | 3108 | 1.66E-12 |
| 1988 | 2.17E-14 | 2090 | 1.06E-13 | 2192 | -1.04E-13 | 2294 | 1.68E-13 | 2396 | -2.73E-15 | 2498 | 6.54E-14 | 2600 | 4.31E-14 | 2702 | 2.14E-13 | 2804 | 1.82E-13 | 2906 | 9.54E-13 | 3008 | 5.94E-13 | 3110 | 1.86E-12 |
| 1990 | -1.61E-14 | 2092 | 2.98E-13 | 2194 | 3.12E-14 | 2296 | 1.57E-13 | 2398 | 7.75E-15 | 2500 | 5.59E-14 | 2602 | 5.74E-14 | 2704 | 2.31E-13 | 2806 | 2.02E-13 | 2908 | 9.35E-13 | 3010 | 6.79E-13 | 3112 | 1.91E-12 |
| 1992 | -9.66E-14 | 2094 | 6.57E-14 | 2196 | 6.11E-14 | 2298 | 4.74E-14 | 2400 | 9.50E-15 | 2502 | 6.27E-14 | 2604 | 9.97E-14 | 2706 | 2.27E-13 | 2808 | 2.13E-13 | 2910 | 9.44E-13 | 3012 | 6.85E-13 | 3114 | 1.84E-12 |
| 1994 | 8.18E-14 | 2096 | -2.14E-14 | 2198 | 1.52E-13 | 2300 | 1.18E-14 | 2402 | 4.56E-14 | 2504 | 4.65E-14 | 2606 | 1.05E-13 | 2708 | 2.29E-13 | 2810 | 2.31E-13 | 2912 | 9.71E-13 | 3014 | 6.65E-13 | 3116 | 1.73E-12 |
| 1996 | -5.34E-14 | 2098 | -4.55E-14 | 2200 | 1.99E-13 | 2302 | 2.63E-14 | 2404 | 4.07E-14 | 2506 | 2.33E-14 | 2608 | 9.11E-14 | 2710 | 2.35E-13 | 2812 | 2.59E-13 | 2914 | 9.54E-13 | 3016 | 6.03E-13 | 3118 | 1.65E-12 |
| 1998 | -3.04E-13 | 2100 | -8.71E-15 | 2202 | 1.39E-13 | 2304 | 4.78E-14 | 2406 | 1.77E-14 | 2508 | 4.01E-14 | 2610 | 8.84E-14 | 2712 | 2.47E-13 | 2814 | 2.91E-13 | 2916 | 9.38E-13 | 3018 | 5.34E-13 | 3120 | 1.60E-12 |
| 2000 | -1.03E-13 | 2102 | 9.86E-14 | 2204 | 2.01E-13 | 2306 | 9.36E-14 | 2408 | 9.13E-14 | 2510 | 9.94E-14 | 2612 | 9.92E-14 | 2714 | 2.53E-13 | 2816 | 3.08E-13 | 2918 | 9.37E-13 | 3020 | 5.02E-13 | 3122 | 1.57E-12 |
| 2002 | -1.79E-13 | 2104 | -7.76E-15 | 2206 | 2.11E-13 | 2308 | 9.03E-14 | 2410 | 8.91E-14 | 2512 | 8.93E-14 | 2614 | 9.97E-14 | 2716 | 2.23E-13 | 2818 | 3.18E-13 | 2920 | 9.45E-13 | 3022 | 5.43E-13 | 3124 | 1.54E-12 |
| 2004 | 1.76E-14 | 2106 | -6.64E-14 | 2208 | -3.68E-14 | 2310 | 5.82E-14 | 2412 | 3.81E-14 | 2514 | 5.55E-14 | 2616 | 7.56E-14 | 2718 | 1.86E-13 | 2820 | 3.27E-13 | 2922 | 9.22E-13 | 3024 | 6.45E-13 | 3126 | 1.61E-12 |
| 2006 | -7.59E-15 | 2108 | -6.54E-14 | 2210 | -6.75E-14 | 2312 | 2.93E-14 | 2414 | -7.77E-15 | 2516 | 6.17E-14 | 2618 | 8.34E-14 | 2720 | 1.69E-13 | 2822 | 3.35E-13 | 2924 | 9.50E-13 | 3026 | 7.21E-13 | 3128 | 1.68E-12 |
| 2008 | -2.45E-13 | 2110 | 7.88E-14 | 2212 | -1.51E-13 | 2314 | 7.53E-14 | 2416 | 2.20E-14 | 2518 | 5.19E-14 | 2620 | 1.01E-13 | 2722 | 1.70E-13 | 2824 | 3.31E-13 | 2926 | 9.64E-13 | 3028 | 8.26E-13 | 3130 | 1.65E-12 |
| 2010 | -3.46E-13 | 2112 | 1.47E-13 | 2214 | -3.49E-14 | 2316 | 8.37E-14 | 2418 | 4.05E-14 | 2520 | 2.78E-14 | 2622 | 1.08E-13 | 2724 | 1.81E-13 | 2826 | 3.17E-13 | 2928 | 9.87E-13 | 3030 | 1.02E-12 | 3132 | 1.65E-12 |
| 2012 | -1.50E-13 | 2114 | 7.67E-14 | 2216 | 6.34E-14 | 2318 | -3.06E-14 | 2420 | -1.22E-15 | 2522 | -2.33E-14 | 2624 | 1.41E-13 | 2726 | 2.01E-13 | 2828 | 3.27E-13 | 2930 | 1.07E-12 | 3032 | 1.12E-12 | 3134 | 1.69E-12 |
| 2014 | 2.83E-13 | 2116 | 1.67E-13 | 2218 | 6.71E-14 | 2320 | -1.24E-13 | 2422 | -3.32E-14 | 2524 | -2.53E-15 | 2626 | 1.47E-13 | 2728 | 2.28E-13 | 2830 | 3.35E-13 | 2932 | 1.06E-12 | 3034 | 1.15E-12 | 3136 | 1.78E-12 |
| 2016 | 9.25E-14 | 2118 | 1.03E-13 | 2220 | 6.90E-14 | 2322 | 1.71E-14 | 2424 | -1.81E-14 | 2526 | 3.55E-14 | 2628 | 1.20E-13 | 2730 | 2.51E-13 | 2832 | 3.43E-13 | 2934 | 9.67E-13 | 3036 | 1.21E-12 | 3138 | 1.78E-12 |
| 2018 | -9.60E-14 | 2120 | 2.90E-13 | 2222 | 1.56E-13 | 2324 | 1.14E-13 | 2426 | 4.25E-14 | 2528 | 3.26E-14 | 2630 | 1.03E-13 | 2732 | 2.30E-13 | 2834 | 3.48E-13 | 2936 | 8.68E-13 | 3038 | 1.19E-12 | 3140 | 1.70E-12 |
| 2020 | -7.25E-14 | 2122 | 1.79E-13 | 2224 | 1.07E-13 | 2326 | 7.85E-14 | 2428 | 6.47E-14 | 2530 | 2.75E-14 | 2632 | 1.21E-13 | 2734 | 2.19E-13 | 2836 | 3.17E-13 | 2938 | 7.47E-13 | 3040 | 9.47E-13 | 3142 | 1.60E-12 |
| 2022 | -4.87E-15 | 2124 | -1.28E-13 | 2226 | 1.34E-14 | 2328 | 1.07E-13 | 2430 | 3.91E-14 | 2532 | 7.14E-14 | 2634 | 1.45E-13 | 2736 | 2.20E-13 | 2838 | 3.12E-13 | 2940 | 6.44E-13 | 3042 | 9.96E-13 | 3144 | 1.52E-12 |
| 2024 | -8.96E-14 | 2126 | 2.42E-13 | 2228 | 1.39E-14 | 2330 | 4.46E-14 | 2432 | 1.26E-14 | 2534 | 7.06E-14 | 2636 | 1.68E-13 | 2738 | 2.01E-13 | 2840 | 3.19E-13 | 2942 | 6.70E-13 | 3044 | 1.01E-12 | 3146 | 1.57E-12 |
| 2026 | -6.08E-14 | 2128 | 7.27E-14 | 2230 | 9.44E-14 | 2332 | -6.32E-15 | 2434 | 3.92E-14 | 2536 | 2.70E-14 | 2638 | 1.93E-13 | 2740 | 1.72E-13 | 2842 | 2.74E-13 | 2944 | 8.22E-13 | 3046 | 1.00E-12 | 3148 | 1.72E-12 |
| 2028 | 7.48E-14 | 2130 | -1.67E-13 | 2232 | 4.36E-14 | 2334 | 8.10E-14 | 2436 | 4.50E-14 | 2538 | 1.11E-14 | 2640 | 1.96E-13 | 2742 | 1.48E-13 | 2844 | 2.47E-13 | 2946 | 8.63E-13 | 3048 | 1.01E-12 | 3150 | 1.78E-12 |
| 2030 | 7.38E-14 | 2132 | -1.03E-13 | 2234 | -6.81E-14 | 2336 | 1.69E-13 | 2438 | 1.38E-13 | 2540 | 3.95E-14 | 2642 | 1.90E-13 | 2744 | 1.56E-13 | 2846 | 2.47E-13 | 2948 | 8.66E-13 | 3050 | 1.00E-12 | 3152 | 1.75E-12 |
| 2032 | -8.34E-14 | 2134 | 5.21E-15 | 2236 | -5.66E-14 | 2338 | 1.35E-13 | 2440 | 1.29E-13 | 2542 | 8.15E-14 | 2644 | 1.91E-13 | 2746 | 1.78E-13 | 2848 | 1.76E-13 | 2950 | 8.51E-13 | 3052 | | 3154 | 1.62E-12 |
| 2034 | 1.43E-14 | 2136 | 1.93E-14 | 2238 | 2.16E-14 | 2340 | -2.61E-14 | 2442 | 4.32E-14 | 2544 | 6.98E-14 | 2646 | 1.59E-13 | 2748 | 1.95E-13 | 2850 | | 2952 | 8.24E-13 | 3054 | | 3156 | 1.48E-12 |
| 2036 | 8.53E-14 | 2138 | 1.78E-14 | 2240 | 1.49E-13 | 2342 | -4.91E-14 | 2444 | 5.32E-14 | 2546 | 5.06E-14 | 2648 | 1.34E-13 | 2750 | 2.11E-13 | 2852 | | 2954 | 8.86E-13 | 3056 | | 3158 | 1.47E-12 |
| 2038 | -9.95E-14 | 2140 | 1.83E-14 | 2242 | 1.10E-13 | 2344 | 9.65E-15 | 2446 | 4.86E-14 | 2548 | 6.00E-14 | 2650 | 1.49E-13 | 2752 | 2.17E-13 | 2854 | 6.15E-14 | 2956 | 9.30E-13 | 3058 | | 3160 | 1.57E-12 |
| 2040 | -1.48E-13 | 2142 | -7.75E-14 | 2244 | -3.15E-14 | 2346 | -1.75E-15 | 2448 | 3.69E-14 | 2550 | 7.06E-14 | 2652 | 1.55E-13 | 2754 | 2.16E-13 | 2856 | 9.41E-14 | 2958 | 8.87E-13 | 3060 | | 3162 | 1.72E-12 |
| 2042 | 6.81E-14 | 2144 | -1.56E-13 | 2246 | 5.68E-15 | 2348 | 4.98E-14 | 2450 | 7.43E-14 | 2552 | 6.26E-14 | 2654 | 1.51E-13 | 2756 | 2.28E-13 | 2858 | 1.77E-13 | 2960 | 8.58E-13 | 3062 | 7.94E-13 | 3164 | 1.86E-12 |
| 2044 | 1.41E-13 | 2146 | 7.17E-15 | 2248 | 1.18E-13 | 2350 | 1.51E-13 | 2452 | 1.11E-13 | 2554 | 5.10E-14 | 2656 | 1.62E-13 | 2758 | 2.29E-13 | 2860 | 2.37E-13 | 2962 | 9.00E-13 | 3064 | 9.78E-13 | 3166 | 1.94E-12 |
| 2046 | -1.61E-14 | 2148 | 9.35E-14 | 2250 | 6.46E-14 | 2352 | 3.90E-14 | 2454 | 6.61E-14 | 2556 | 6.15E-14 | 2658 | 2.06E-13 | 2760 | 2.26E-13 | 2862 | 2.68E-13 | 2964 | 8.83E-13 | 3066 | 1.10E-12 | 3168 | 2.03E-12 |
| 2048 | -8.86E-14 | 2150 | -1.34E-14 | 2252 | 1.64E-14 | 2354 | 3.44E-14 | 2456 | 2.04E-14 | 2558 | 9.03E-14 | 2660 | 2.16E-13 | 2762 | 2.48E-13 | 2864 | 2.90E-13 | 2966 | 7.27E-13 | 3068 | 1.18E-12 | 3170 | 2.22E-12 |
| 2050 | -1.48E-13 | 2152 | -2.26E-14 | 2254 | 1.30E-13 | 2356 | 4.19E-15 | 2458 | 1.85E-14 | 2560 | 8.14E-14 | 2662 | 1.82E-13 | 2764 | 2.69E-13 | 2866 | 3.30E-13 | 2968 | 5.66E-13 | 3070 | 1.04E-12 | 3172 | 2.33E-12 |
| 2052 | -1.62E-13 | 2154 | -8.67E-15 | 2256 | 1.88E-13 | 2358 | 4.82E-14 | 2460 | 3.55E-14 | 2562 | 6.29E-14 | 2664 | 2.05E-13 | 2766 | 2.85E-13 | 2868 | 3.55E-13 | 2970 | 5.45E-13 | 3072 | 1.13E-12 | 3174 | 2.28E-12 |
| 2054 | 2.42E-14 | 2156 | -8.26E-14 | 2258 | 1.26E-13 | 2360 | 6.02E-14 | 2462 | 1.55E-16 | 2564 | 3.91E-14 | 2666 | 2.06E-13 | 2768 | 2.87E-13 | 2870 | 3.69E-13 | 2972 | 5.46E-13 | 3074 | 1.26E-12 | 3176 | 2.13E-12 |
| 2056 | 1.99E-13 | 2158 | 3.63E-14 | 2260 | 3.89E-14 | 2362 | 4.74E-14 | 2464 | 2.69E-14 | 2566 | 1.92E-14 | 2668 | 1.88E-13 | 2770 | 2.99E-13 | 2872 | 3.97E-13 | 2974 | 6.20E-13 | 3076 | 1.29E-12 | 3178 | 1.94E-12 |
| 2058 | 1.46E-13 | 2160 | 8.87E-14 | 2262 | 3.01E-14 | 2364 | 3.79E-15 | 2466 | 4.52E-14 | 2568 | 3.37E-14 | 2670 | 1.78E-13 | 2772 | 3.33E-13 | 2874 | 4.08E-13 | 2976 | 7.63E-13 | 3078 | 1.27E-12 | 3180 | 1.79E-12 |
| 2060 | 4.59E-14 | 2162 | -9.22E-14 | 2264 | 1.17E-13 | 2366 | 8.32E-14 | 2468 | 7.74E-14 | 2570 | 4.27E-14 | 2672 | 1.67E-13 | 2774 | 3.45E-13 | 2876 | 4.10E-13 | 2978 | 8.61E-13 | 3080 | 1.28E-12 | 3182 | 1.75E-12 |
| 2062 | -1.08E-13 | 2164 | -9.00E-14 | 2266 | 1.10E-13 | 2368 | 7.45E-14 | 2470 | 5.30E-14 | 2572 | 5.27E-14 | 2674 | 1.57E-13 | 2776 | 3.18E-13 | 2878 | 3.79E-13 | 2980 | 9.42E-13 | 3082 | 1.37E-12 | 3184 | 1.79E-12 |
| 2064 | -9.98E-14 | 2166 | -7.38E-14 | 2268 | 6.37E-14 | 2370 | 1.21E-14 | 2472 | 3.24E-14 | 2574 | 7.26E-14 | 2676 | 1.61E-13 | 2778 | 2.90E-13 | 2880 | 3.48E-13 | 2982 | 8.36E-13 | 3084 | 1.41E-12 | 3186 | 1.80E-12 |
| 2066 | -5.53E-14 | 2168 | -1.72E-13 | 2270 | -1.16E-14 | 2372 | 4.02E-14 | 2474 | -1.92E-15 | 2576 | 8.18E-14 | 2678 | 1.75E-13 | 2780 | 2.52E-13 | 2882 | 3.57E-13 | 2984 | 6.59E-13 | 3086 | 1.37E-12 | 3188 | 1.83E-12 |
| 2068 | -1.13E-13 | 2170 | -5.11E-14 | 2272 | -5.52E-14 | 2374 | 8.61E-14 | 2476 | 3.26E-14 | 2578 | 9.37E-14 | 2680 | 1.86E-13 | 2782 | 2.23E-13 | 2884 | 4.01E-13 | 2986 | 5.35E-13 | 3088 | 1.30E-12 | 3190 | 1.77E-12 |
| 2070 | 4.58E-14 | 2172 | 2.43E-14 | 2274 | 1.42E-13 | 2376 | 1.00E-13 | 2478 | 7.77E-14 | 2580 | 9.81E-14 | 2682 | 1.90E-13 | 2784 | 2.22E-13 | 2886 | 4.73E-13 | 2988 | 6.35E-13 | 3090 | 1.17E-12 | 3192 | 1.70E-12 |
| 2072 | 8.82E-14 | 2174 | 6.81E-14 | 2276 | 1.76E-13 | 2378 | 7.37E-15 | 2480 | 6.42E-14 | 2582 | 7.50E-14 | 2684 | 1.92E-13 | 2786 | 2.39E-13 | 2888 | 5.24E-13 | 2990 | 7.52E-13 | 3092 | 1.05E-12 | 3194 | 1.77E-12 |
| 2074 | 2.40E-13 | 2176 | 9.15E-14 | 2278 | -6.40E-15 | 2380 | 4.89E-14 | 2482 | 7.19E-15 | 2584 | 8.60E-14 | 2686 | 2.12E-13 | 2788 | 2.26E-13 | 2890 | 5.80E-13 | 2992 | 8.16E-13 | 3094 | 1.04E-12 | 3196 | 1.89E-12 |
| 2076 | 3.72E-13 | 2178 | 3.23E-14 | 2280 | -1.04E-13 | 2382 | 9.23E-14 | 2484 | 6.28E-15 | 2586 | 8.13E-14 | 2688 | 2.19E-13 | 2790 | 2.00E-13 | 2892 | 5.86E-13 | 2994 | 7.35E-13 | 3096 | 1.05E-12 | 3198 | 2.04E-12 |


HD 145148 K1+ IV
V=5.97 (B−V)=1.00 E(B−V)=0.01
LAP: LWP 7616, LWP 7618
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

HD 145328 K1- III-IV V=4.76 (B-V)=1.01 E(B-V)=-0.08

LAP: LWP 7263

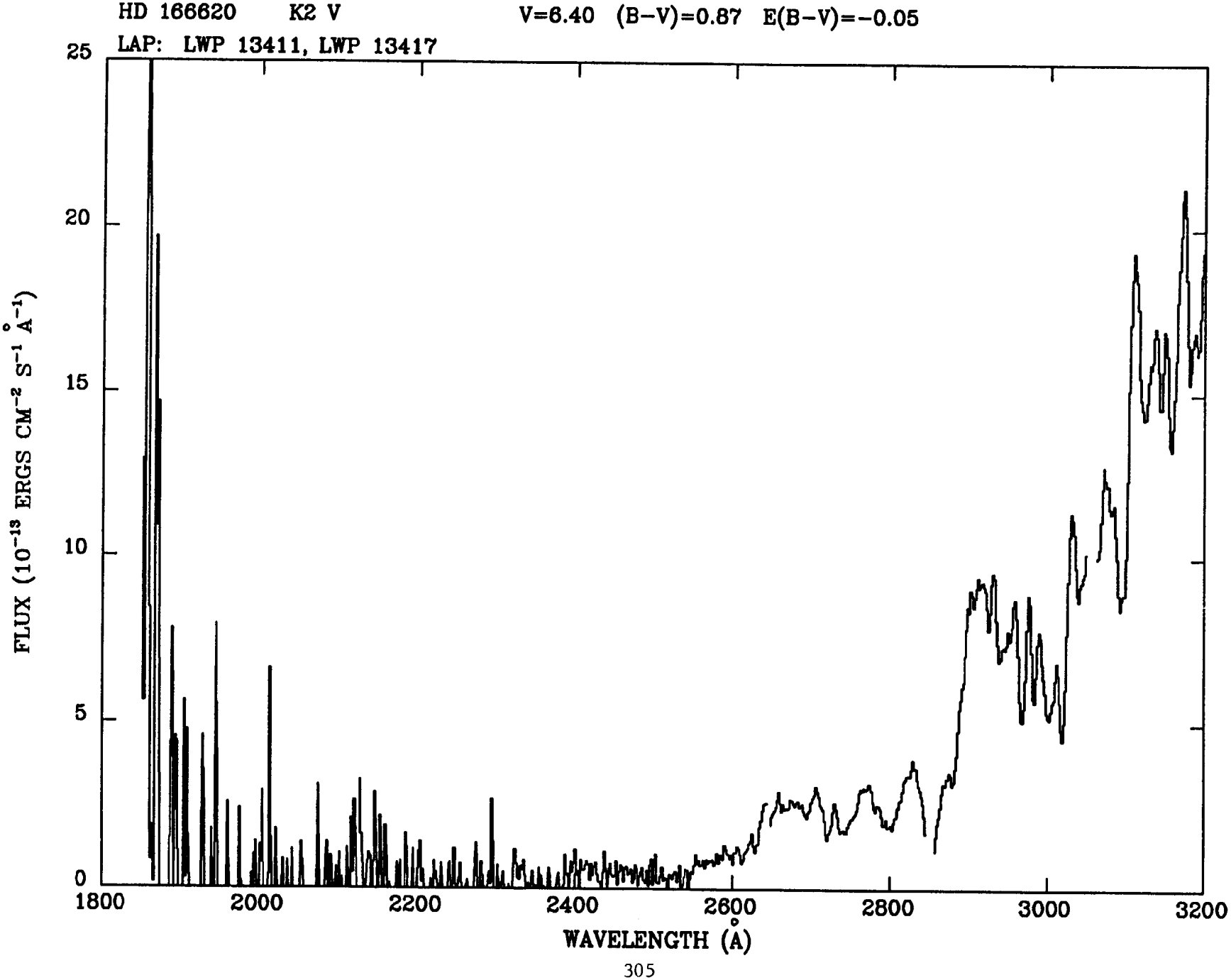
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.59E-14 | 2078 | 1.03E-12 | 2180 | -1.95E-13 | 2282 | 2.50E-13 | 2384 | 1.52E-13 | 2486 | 1.80E-13 | 2588 | 2.80E-13 | 2690 | 4.96E-13 | 2792 | 4.86E-13 | 2894 | 1.61E-12 | 2996 | 1.76E-12 | 3098 | 2.69E-12 |
| 1978 | 6.45E-13 | 2080 | -7.09E-13 | 2182 | -3.79E-13 | 2284 | 3.61E-13 | 2386 | -2.44E-14 | 2488 | 2.97E-13 | 2590 | 2.55E-13 | 2692 | 5.02E-13 | 2794 | 5.00E-13 | 2896 | 1.82E-12 | 2998 | 1.74E-12 | 3100 | 2.72E-12 |
| 1980 | 4.35E-13 | 2082 | -2.05E-12 | 2184 | 5.90E-13 | 2286 | 2.37E-13 | 2388 | 2.62E-13 | 2490 | -1.12E-13 | 2592 | 2.23E-13 | 2694 | 5.16E-13 | 2796 | 5.69E-13 | 2898 | 2.26E-12 | 3000 | 1.58E-12 | 3102 | 2.96E-12 |
| 1982 | 1.63E-12 | 2084 | -2.72E-12 | 2186 | 9.82E-13 | 2288 | 3.08E-13 | 2390 | 6.25E-13 | 2492 | -4.73E-14 | 2594 | 1.84E-13 | 2696 | 4.55E-13 | 2798 | 6.27E-13 | 2900 | 2.41E-12 | 3002 | 1.42E-12 | 3104 | 3.49E-12 |
| 1984 | 1.31E-12 | 2086 | -1.34E-12 | 2188 | 1.47E-13 | 2290 | -4.26E-13 | 2392 | 4.41E-13 | 2494 | 1.69E-13 | 2596 | 2.10E-13 | 2698 | 4.43E-13 | 2800 | 6.46E-13 | 2902 | 2.59E-12 | 3004 | 1.50E-12 | 3106 | 4.24E-12 |
| 1986 | 1.43E-12 | 2088 | 4.04E-13 | 2190 | -3.32E-13 | 2292 | -4.23E-13 | 2394 | 1.58E-13 | 2496 | 2.62E-13 | 2598 | 2.16E-13 | 2700 | 4.82E-13 | 2802 | 5.11E-13 | 2904 | 2.65E-12 | 3006 | 1.62E-12 | 3108 | 4.80E-12 |
| 1988 | 6.45E-13 | 2090 | 7.90E-13 | 2192 | -3.79E-13 | 2294 | 1.46E-12 | 2396 | 1.98E-13 | 2498 | 3.68E-13 | 2600 | 1.55E-13 | 2702 | 4.93E-13 | 2804 | 4.23E-13 | 2906 | 2.70E-12 | 3008 | 1.68E-12 | 3110 | 5.02E-12 |
| 1990 | 1.47E-13 | 2092 | 2.80E-13 | 2194 | 1.79E-13 | 2296 | 6.43E-13 | 2398 | 1.05E-13 | 2500 | 2.93E-13 | 2602 | 1.16E-13 | 2704 | 5.22E-13 | 2806 | 5.39E-13 | 2908 | 2.74E-12 | 3010 | 1.71E-12 | 3112 | 5.13E-12 |
| 1992 | -1.57E-13 | 2094 | -1.05E-12 | 2196 | -1.92E-14 | 2298 | -2.98E-14 | 2400 | -8.59E-14 | 2502 | 1.36E-13 | 2604 | 2.61E-13 | 2706 | 5.94E-13 | 2808 | 5.63E-13 | 2910 | 2.68E-12 | 3012 | 1.80E-12 | 3114 | 5.13E-12 |
| 1994 | 1.11E-12 | 2096 | -6.84E-13 | 2198 | -2.14E-13 | 2300 | -1.32E-13 | 2402 | 1.85E-13 | 2504 | 1.24E-13 | 2606 | 2.95E-13 | 2708 | 6.50E-13 | 2810 | 5.71E-13 | 2912 | 2.69E-12 | 3014 | 1.85E-12 | 3116 | 4.68E-12 |
| 1996 | 9.89E-13 | 2098 | -3.80E-13 | 2200 | 1.94E-13 | 2302 | -2.31E-13 | 2404 | 4.01E-13 | 2506 | 1.02E-13 | 2608 | 2.48E-13 | 2710 | 6.22E-13 | 2812 | 6.27E-13 | 2914 | 2.72E-12 | 3016 | 1.88E-12 | 3118 | 4.06E-12 |
| 1998 | -6.95E-13 | 2100 | 8.79E-13 | 2202 | 5.07E-13 | 2304 | -9.40E-13 | 2406 | -1.55E-13 | 2508 | 1.64E-13 | 2610 | 1.65E-13 | 2712 | 6.07E-13 | 2814 | 6.43E-13 | 2916 | 2.69E-12 | 3018 | 1.70E-12 | 3120 | 3.81E-12 |
| 2000 | -3.99E-13 | 2102 | 1.00E-12 | 2204 | 3.47E-13 | 2306 | -6.98E-13 | 2408 | 2.60E-13 | 2510 | 1.60E-13 | 2612 | 1.97E-13 | 2714 | 6.19E-13 | 2816 | 6.70E-13 | 2918 | 2.66E-12 | 3020 | 1.53E-12 | 3122 | 3.80E-12 |
| 2002 | -8.31E-13 | 2104 | -5.23E-14 | 2206 | 2.82E-13 | 2308 | -3.35E-13 | 2410 | 4.22E-13 | 2512 | 6.70E-14 | 2614 | 1.48E-13 | 2716 | 5.62E-13 | 2818 | 7.67E-13 | 2920 | 2.78E-12 | 3022 | 1.44E-12 | 3124 | 3.99E-12 |
| 2004 | 7.07E-15 | 2106 | -3.77E-13 | 2208 | 2.19E-14 | 2310 | 1.11E-13 | 2412 | 1.20E-13 | 2514 | 9.07E-14 | 2616 | 8.20E-14 | 2718 | 4.77E-13 | 2820 | 8.92E-13 | 2922 | 2.81E-12 | 3024 | 1.53E-12 | 3126 | 4.30E-12 |
| 2006 | 5.66E-13 | 2108 | -1.36E-12 | 2210 | 1.83E-13 | 2312 | -1.70E-13 | 2414 | 2.57E-13 | 2516 | 2.95E-13 | 2618 | 1.64E-13 | 2720 | 4.31E-13 | 2822 | 8.89E-13 | 2924 | 2.71E-12 | 3026 | 1.93E-12 | 3128 | 4.61E-12 |
| 2008 | -4.41E-13 | 2110 | -1.40E-12 | 2212 | -1.40E-13 | 2314 | 3.24E-14 | 2416 | 2.67E-13 | 2518 | 2.07E-13 | 2620 | 2.33E-13 | 2722 | 4.02E-13 | 2824 | 9.05E-13 | 2926 | 2.60E-12 | 3028 | 2.37E-12 | 3130 | 4.76E-12 |
| 2010 | -8.39E-13 | 2112 | -3.59E-14 | 2214 | -1.12E-13 | 2316 | 3.14E-13 | 2418 | 2.55E-13 | 2520 | -7.79E-14 | 2622 | 2.63E-13 | 2724 | 4.29E-13 | 2826 | 9.54E-13 | 2928 | 2.56E-12 | 3030 | 2.73E-12 | 3132 | 4.97E-12 |
| 2012 | 8.67E-13 | 2114 | 7.76E-13 | 2216 | -2.02E-13 | 2318 | -8.01E-13 | 2420 | 3.75E-13 | 2522 | 1.30E-13 | 2624 | 3.21E-13 | 2726 | 4.46E-13 | 2828 | 9.59E-13 | 2930 | 2.51E-12 | 3032 | 3.10E-12 | 3134 | 5.22E-12 |
| 2014 | 2.13E-12 | 2116 | 5.89E-13 | 2218 | -3.63E-13 | 2320 | -1.24E-12 | 2422 | 1.49E-13 | 2524 | 1.26E-13 | 2626 | 3.85E-13 | 2728 | 5.11E-13 | 2830 | 8.46E-13 | 2932 | 2.71E-12 | 3034 | 3.38E-12 | 3136 | 5.43E-12 |
| 2016 | 1.07E-12 | 2118 | 6.31E-13 | 2220 | -5.34E-14 | 2322 | -5.26E-13 | 2424 | -4.19E-14 | 2526 | 7.79E-14 | 2628 | 3.43E-13 | 2730 | 6.40E-13 | 2832 | 8.66E-13 | 2934 | 2.92E-12 | 3036 | 3.39E-12 | 3138 | 5.45E-12 |
| 2018 | 3.92E-13 | 2120 | 1.08E-12 | 2222 | 3.15E-13 | 2324 | -1.26E-14 | 2426 | 6.70E-14 | 2528 | 1.37E-13 | 2630 | 2.34E-13 | 2732 | 7.18E-13 | 2834 | 9.83E-13 | 2936 | 2.79E-12 | 3038 | 3.26E-12 | 3140 | 5.25E-12 |
| 2020 | -2.82E-13 | 2122 | -2.17E-13 | 2224 | 7.79E-13 | 2326 | 5.68E-13 | 2428 | 1.26E-13 | 2530 | 3.89E-14 | 2632 | 2.05E-13 | 2734 | 6.65E-13 | 2836 | 9.18E-13 | 2938 | 2.43E-12 | 3040 | 2.98E-12 | 3142 | 4.93E-12 |
| 2022 | -1.06E-12 | 2124 | -1.30E-12 | 2226 | 6.56E-13 | 2328 | 8.54E-13 | 2430 | 2.83E-13 | 2532 | 5.16E-14 | 2634 | 2.87E-13 | 2736 | 5.21E-13 | 2838 | 7.98E-13 | 2940 | 2.14E-12 | 3042 | 3.10E-12 | 3144 | 4.47E-12 |
| 2024 | -1.66E-13 | 2126 | -1.55E-13 | 2228 | 1.86E-13 | 2330 | 1.35E-14 | 2432 | -1.06E-14 | 2534 | 5.71E-14 | 2636 | 4.01E-13 | 2738 | 4.37E-13 | 2840 | 7.57E-13 | 2942 | 2.14E-12 | 3044 | 3.11E-12 | 3146 | 4.22E-12 |
| 2026 | 7.56E-15 | 2128 | 4.91E-13 | 2230 | 1.14E-13 | 2332 | -6.72E-14 | 2434 | 7.91E-14 | 2536 | 7.75E-14 | 2638 | 3.97E-13 | 2740 | 4.04E-13 | 2842 | 6.84E-13 | 2944 | 2.38E-12 | 3046 | 3.03E-12 | 3148 | 4.45E-12 |
| 2028 | -2.21E-15 | 2130 | -1.57E-13 | 2232 | -7.02E-13 | 2334 | 2.92E-13 | 2436 | 1.89E-13 | 2538 | -4.86E-14 | 2640 | 4.43E-13 | 2742 | 3.89E-13 | 2844 | 5.98E-13 | 2946 | 2.45E-12 | 3048 | 3.06E-12 | 3150 | 4.80E-12 |
| 2030 | 4.48E-13 | 2132 | -4.37E-13 | 2234 | -1.45E-12 | 2336 | 3.08E-13 | 2438 | 2.97E-13 | 2540 | 5.12E-14 | 2642 | 5.33E-13 | 2744 | 4.91E-13 | 2846 | 5.44E-13 | 2948 | 2.40E-12 | 3050 | 2.93E-12 | 3152 | 4.89E-12 |
| 2032 | 1.06E-12 | 2134 | -3.22E-13 | 2236 | -1.15E-12 | 2338 | 5.26E-14 | 2440 | 2.07E-13 | 2542 | 2.36E-13 | 2644 | 4.67E-13 | 2746 | 5.58E-13 | 2848 | 5.01E-13 | 2950 | 2.22E-12 | 3052 | | 3154 | 4.63E-12 |
| 2034 | -1.01E-12 | 2136 | -9.10E-13 | 2238 | -3.73E-13 | 2340 | -3.17E-13 | 2442 | -1.13E-13 | 2544 | -4.13E-14 | 2646 | 3.73E-13 | 2748 | 5.15E-13 | 2850 | | 2952 | 2.19E-12 | 3054 | | 3156 | 4.22E-12 |
| 2036 | -1.59E-13 | 2138 | -1.00E-12 | 2240 | 4.70E-13 | 2342 | 1.11E-15 | 2444 | 5.68E-14 | 2546 | -2.94E-14 | 2648 | 3.81E-13 | 2750 | 5.11E-13 | 2852 | | 2954 | 2.39E-12 | 3056 | | 3158 | 4.04E-12 |
| 2038 | -1.86E-12 | 2140 | 6.18E-13 | 2242 | 5.86E-13 | 2344 | 1.73E-14 | 2446 | 1.21E-13 | 2548 | 2.22E-13 | 2650 | 4.75E-13 | 2752 | 4.67E-13 | 2854 | | 2956 | 2.47E-12 | 3058 | | 3160 | 3.84E-12 |
| 2040 | -1.78E-12 | 2142 | 2.98E-13 | 2244 | 3.11E-13 | 2346 | -4.42E-14 | 2448 | -1.67E-14 | 2550 | 2.14E-13 | 2652 | 4.62E-13 | 2754 | 4.92E-13 | 2856 | 2.72E-13 | 2958 | 2.61E-12 | 3060 | 1.85E-12 | 3162 | 4.03E-12 |
| 2042 | -9.38E-13 | 2144 | -2.56E-13 | 2246 | -3.54E-14 | 2348 | -4.32E-14 | 2450 | -2.76E-14 | 2552 | 1.37E-13 | 2654 | 4.18E-13 | 2756 | 5.75E-13 | 2858 | 3.73E-13 | 2960 | 2.67E-12 | 3062 | 2.29E-12 | 3164 | 4.42E-12 |
| 2044 | -5.82E-13 | 2146 | 3.50E-13 | 2248 | 1.03E-13 | 2350 | -4.43E-13 | 2452 | 1.59E-13 | 2554 | 1.28E-13 | 2656 | 4.20E-13 | 2758 | 5.85E-13 | 2860 | 4.67E-13 | 2962 | 2.73E-12 | 3064 | 2.69E-12 | 3166 | 4.89E-12 |
| 2046 | -6.89E-13 | 2148 | 8.17E-13 | 2250 | 2.54E-13 | 2352 | -5.93E-13 | 2454 | 3.80E-14 | 2556 | 2.09E-13 | 2658 | 5.15E-13 | 2760 | 6.41E-13 | 2862 | 5.25E-13 | 2964 | 2.52E-12 | 3066 | 2.94E-12 | 3168 | 5.30E-12 |
| 2048 | -7.26E-13 | 2150 | 4.15E-13 | 2252 | 5.07E-15 | 2354 | -1.57E-13 | 2456 | 8.22E-14 | 2558 | 1.97E-13 | 2660 | 5.23E-13 | 2762 | 7.55E-13 | 2864 | 6.60E-13 | 2966 | 2.10E-12 | 3068 | 2.99E-12 | 3170 | 5.74E-12 |
| 2050 | -4.81E-13 | 2152 | 7.69E-13 | 2254 | 2.89E-13 | 2356 | -3.04E-13 | 2458 | 1.09E-13 | 2560 | 1.98E-13 | 2662 | 4.48E-13 | 2764 | 8.81E-13 | 2866 | 8.17E-13 | 2968 | 1.72E-12 | 3070 | 3.02E-12 | 3172 | 6.21E-12 |
| 2052 | -5.75E-13 | 2154 | 2.35E-13 | 2256 | 2.95E-13 | 2358 | -2.32E-13 | 2460 | 4.51E-14 | 2562 | 1.11E-13 | 2664 | 4.67E-13 | 2766 | 8.41E-13 | 2868 | 9.21E-13 | 2970 | 1.65E-12 | 3072 | 3.22E-12 | 3174 | 6.12E-12 |
| 2054 | -9.34E-13 | 2156 | -1.54E-13 | 2258 | -7.90E-14 | 2360 | 1.62E-13 | 2462 | -6.84E-14 | 2564 | 2.17E-13 | 2666 | 5.17E-13 | 2768 | 7.48E-13 | 2870 | 8.79E-13 | 2972 | 1.69E-12 | 3074 | 3.50E-12 | 3176 | 5.61E-12 |
| 2056 | -2.56E-13 | 2158 | 3.18E-13 | 2260 | -2.74E-14 | 2362 | -6.27E-14 | 2464 | 2.00E-13 | 2566 | 1.93E-13 | 2668 | 5.30E-13 | 2770 | 7.48E-13 | 2872 | 9.24E-13 | 2974 | 1.90E-12 | 3076 | 3.69E-12 | 3178 | 4.99E-12 |
| 2058 | 1.42E-12 | 2160 | 7.93E-13 | 2262 | 6.22E-14 | 2364 | -5.55E-13 | 2466 | 2.09E-13 | 2568 | 2.23E-13 | 2670 | 5.29E-13 | 2772 | 8.08E-13 | 2874 | 9.70E-13 | 2976 | 2.33E-12 | 3078 | 3.79E-12 | 3180 | 4.36E-12 |
| 2060 | 4.21E-13 | 2162 | 1.97E-13 | 2264 | -1.76E-13 | 2366 | -4.00E-13 | 2468 | 2.77E-13 | 2570 | 2.30E-13 | 2672 | 5.76E-13 | 2774 | 7.96E-13 | 2876 | 1.04E-12 | 2978 | 2.60E-12 | 3080 | 3.74E-12 | 3182 | 4.04E-12 |
| 2062 | -4.64E-13 | 2164 | -1.30E-13 | 2266 | 5.96E-14 | 2368 | 1.82E-13 | 2470 | 1.86E-13 | 2572 | 2.30E-13 | 2674 | 4.84E-13 | 2776 | 7.75E-13 | 2878 | 1.04E-12 | 2980 | 2.54E-12 | 3082 | 3.67E-12 | 3184 | 4.17E-12 |
| 2064 | -9.74E-13 | 2166 | 2.93E-13 | 2268 | -2.63E-13 | 2370 | 2.30E-13 | 2472 | 5.13E-14 | 2574 | 2.09E-13 | 2676 | 4.37E-13 | 2778 | 8.43E-13 | 2880 | 1.07E-12 | 2982 | 2.03E-12 | 3084 | 3.67E-12 | 3186 | 4.31E-12 |
| 2066 | -5.45E-13 | 2168 | 7.08E-14 | 2270 | -1.45E-13 | 2372 | 5.83E-14 | 2474 | 4.58E-14 | 2576 | 7.89E-14 | 2678 | 4.16E-13 | 2780 | 7.62E-13 | 2882 | 1.09E-12 | 2984 | 1.55E-12 | 3086 | 3.51E-12 | 3188 | 4.66E-12 |
| 2068 | -4.85E-13 | 2170 | 2.27E-14 | 2272 | -3.75E-13 | 2374 | 1.53E-13 | 2476 | 1.27E-13 | 2578 | -1.82E-14 | 2680 | 4.89E-13 | 2782 | 7.46E-13 | 2884 | 1.11E-12 | 2986 | 1.55E-12 | 3088 | 3.49E-12 | 3190 | 4.94E-12 |
| 2070 | -8.23E-13 | 2172 | 8.68E-14 | 2274 | 1.61E-13 | 2376 | 4.18E-13 | 2478 | 9.18E-14 | 2580 | 1.56E-13 | 2682 | 5.20E-13 | 2784 | 6.31E-13 | 2886 | 1.30E-12 | 2988 | 1.87E-12 | 3090 | 3.28E-12 | 3192 | 4.69E-12 |
| 2072 | -1.03E-14 | 2174 | 3.39E-13 | 2276 | 1.31E-13 | 2378 | -2.14E-13 | 2480 | 2.31E-13 | 2582 | 7.77E-14 | 2684 | 4.82E-13 | 2786 | 5.51E-13 | 2888 | 1.55E-12 | 2990 | 2.06E-12 | 3092 | 2.81E-12 | 3194 | 4.64E-12 |
| 2074 | 8.33E-13 | 2176 | 2.43E-13 | 2278 | -4.21E-13 | 2380 | -1.38E-13 | 2482 | 2.14E-13 | 2584 | 8.96E-14 | 2686 | 5.13E-13 | 2788 | 5.73E-13 | 2890 | 1.67E-12 | 2992 | 2.06E-12 | 3094 | 2.61E-12 | 3196 | 4.98E-12 |
| 2076 | 1.40E-12 | 2178 | -6.15E-13 | 2280 | -5.85E-13 | 2382 | 3.59E-13 | 2484 | -3.10E-14 | 2586 | 2.38E-13 | 2688 | 5.47E-13 | 2790 | 5.07E-13 | 2892 | 1.62E-12 | 2994 | 1.88E-12 | 3096 | 2.64E-12 | 3198 | 5.31E-12 |


HD 145328 K1- III-IV V=4.76 (B-V)=1.01 E(B-V)=-0.08
LAP: LWP 7263
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 166620 K2 V V=6.40 (B-V)=0.87 E(B-V)=-0.05**

**LAP: LWP 13411, LWP 13417**

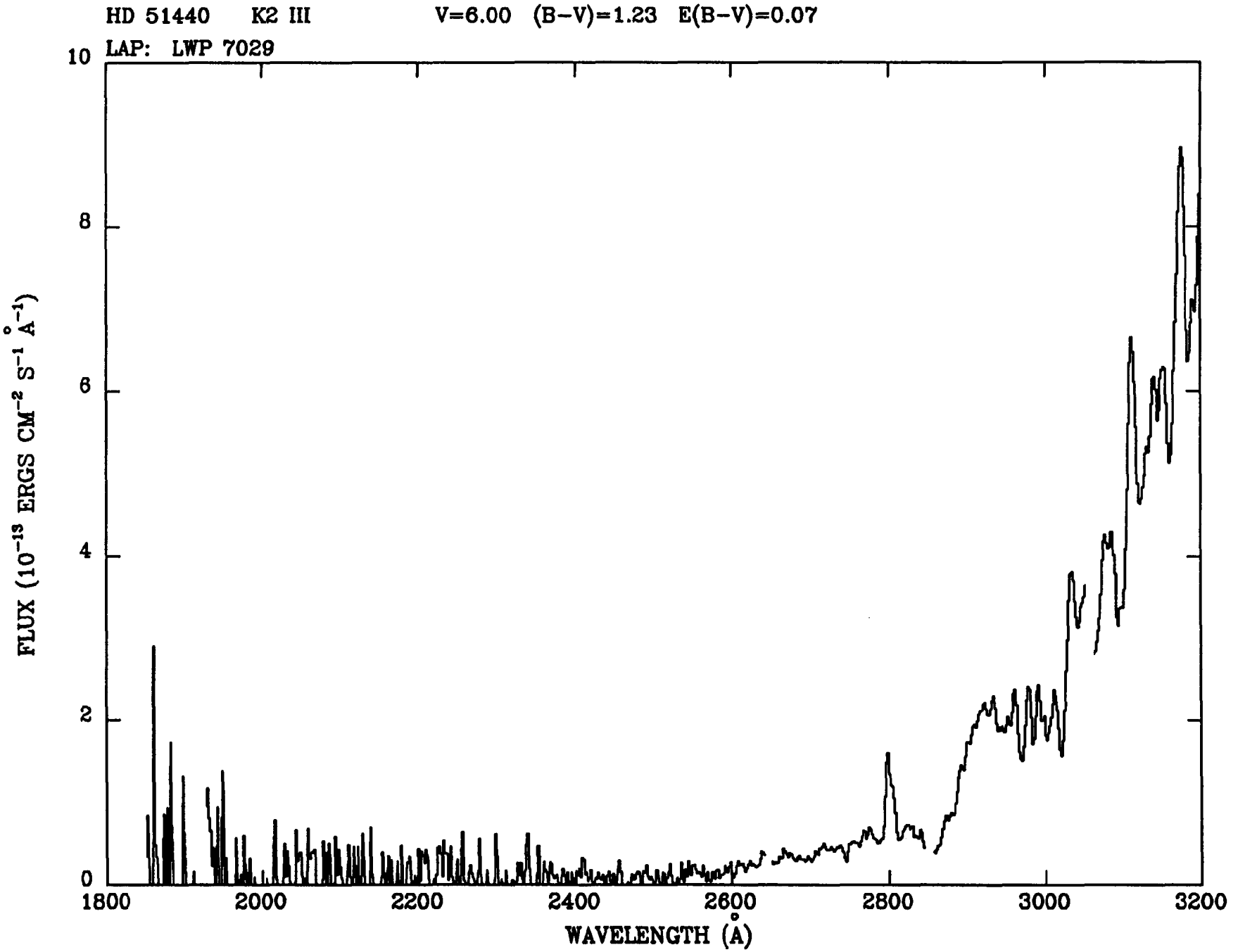
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.10E-13 | 2078 | -3.23E-14 | 2180 | -4.56E-14 | 2282 | 5.33E-14 | 2384 | -2.37E-14 | 2486 | 6.03E-14 | 2588 | 1.06E-13 | 2690 | 2.41E-13 | 2792 | 1.96E-13 | 2894 | 6.32E-13 | 2996 | 6.15E-13 | 3098 | 9.09E-13 |
| 1978 | 2.12E-16 | 2080 | -1.37E-14 | 2182 | -4.12E-14 | 2284 | 1.60E-14 | 2386 | 3.31E-14 | 2488 | 3.41E-14 | 2590 | 1.29E-13 | 2692 | 2.27E-13 | 2794 | 2.04E-13 | 2896 | 7.18E-13 | 2998 | 5.57E-13 | 3100 | 1.06E-12 |
| 1980 | -2.16E-13 | 2082 | -2.35E-14 | 2184 | -2.03E-14 | 2286 | -1.72E-14 | 2388 | 8.10E-14 | 2490 | 1.89E-14 | 2592 | 1.15E-13 | 2694 | 2.19E-13 | 2796 | 1.99E-13 | 2898 | 7.98E-13 | 3000 | 5.25E-13 | 3102 | 1.32E-12 |
| 1982 | -6.35E-14 | 2084 | 7.66E-14 | 2186 | 1.54E-13 | 2288 | -7.02E-15 | 2390 | 4.39E-14 | 2492 | 5.38E-14 | 2594 | 1.05E-13 | 2696 | 2.36E-13 | 2798 | 1.90E-13 | 2900 | 8.50E-13 | 3002 | 5.18E-13 | 3104 | 1.58E-12 |
| 1984 | -1.22E-14 | 2086 | 1.36E-13 | 2188 | 2.90E-14 | 2290 | 4.42E-14 | 2392 | 1.52E-14 | 2494 | 1.24E-14 | 2596 | 9.66E-14 | 2698 | 2.45E-13 | 2800 | 1.94E-13 | 2902 | 8.59E-13 | 3004 | 5.38E-13 | 3106 | 1.78E-12 |
| 1986 | -4.46E-14 | 2088 | -1.07E-13 | 2190 | -1.75E-13 | 2292 | 1.50E-14 | 2394 | 3.59E-14 | 2496 | 7.51E-14 | 2598 | 9.98E-14 | 2700 | 2.68E-13 | 2802 | 1.86E-13 | 2904 | 8.99E-13 | 3006 | 5.65E-13 | 3108 | 1.89E-12 |
| 1988 | -1.37E-13 | 2090 | 7.39E-14 | 2192 | -1.28E-13 | 2294 | 2.65E-13 | 2396 | 6.29E-14 | 2498 | 7.47E-14 | 2600 | 8.36E-14 | 2702 | 2.81E-13 | 2804 | 2.00E-13 | 2906 | 8.73E-13 | 3008 | 5.78E-13 | 3110 | 1.90E-12 |
| 1990 | 3.71E-14 | 2092 | 8.27E-14 | 2194 | 4.38E-14 | 2296 | 1.07E-13 | 2398 | 6.88E-14 | 2500 | 3.12E-14 | 2602 | 1.04E-13 | 2704 | 2.94E-13 | 2806 | 2.17E-13 | 2908 | 8.68E-13 | 3010 | 6.41E-13 | 3112 | 1.86E-12 |
| 1992 | 2.38E-14 | 2094 | -1.33E-13 | 2196 | -6.97E-14 | 2298 | -9.13E-14 | 2400 | 1.08E-13 | 2502 | 9.35E-14 | 2604 | 1.11E-13 | 2706 | 3.04E-13 | 2808 | 2.23E-13 | 2910 | 8.98E-13 | 3012 | 6.81E-13 | 3114 | 1.79E-12 |
| 1994 | 1.11E-13 | 2096 | 3.77E-15 | 2198 | -1.38E-13 | 2300 | -2.83E-14 | 2402 | 5.65E-14 | 2504 | 6.97E-14 | 2606 | 1.28E-13 | 2708 | 2.89E-13 | 2810 | 2.50E-13 | 2912 | 9.31E-13 | 3014 | 6.31E-13 | 3116 | 1.61E-12 |
| 1996 | 2.77E-14 | 2098 | 2.53E-14 | 2200 | 1.25E-14 | 2302 | 5.88E-14 | 2404 | 5.08E-14 | 2506 | 1.76E-14 | 2608 | 1.21E-13 | 2710 | 2.68E-13 | 2812 | 2.69E-13 | 2914 | 9.21E-13 | 3016 | 5.42E-13 | 3118 | 1.50E-12 |
| 1998 | -1.41E-13 | 2100 | -3.36E-14 | 2202 | 1.01E-13 | 2304 | 1.26E-14 | 2406 | 2.77E-15 | 2508 | 2.73E-14 | 2610 | 1.01E-13 | 2712 | 2.53E-13 | 2814 | 2.79E-13 | 2916 | 9.21E-13 | 3018 | 4.75E-13 | 3120 | 1.46E-12 |
| 2000 | 9.45E-14 | 2102 | 3.18E-14 | 2204 | 1.37E-13 | 2306 | -1.48E-14 | 2408 | 8.48E-14 | 2510 | 5.38E-14 | 2612 | 8.03E-14 | 2714 | 2.45E-13 | 2816 | 3.08E-13 | 2918 | 9.27E-13 | 3020 | 4.75E-13 | 3122 | 1.43E-12 |
| 2002 | 8.45E-14 | 2104 | -4.37E-14 | 2206 | 2.50E-14 | 2308 | 2.50E-14 | 2410 | 5.66E-14 | 2512 | 3.91E-14 | 2614 | 9.31E-14 | 2716 | 2.18E-13 | 2818 | 3.32E-13 | 2920 | 9.17E-13 | 3022 | 5.52E-13 | 3124 | 1.43E-12 |
| 2004 | 2.72E-13 | 2106 | -9.43E-14 | 2208 | 4.91E-14 | 2310 | 2.69E-14 | 2412 | 5.93E-14 | 2514 | 3.05E-14 | 2616 | 1.11E-13 | 2718 | 1.72E-13 | 2820 | 3.40E-13 | 2922 | 9.01E-13 | 3024 | 6.99E-13 | 3126 | 1.49E-12 |
| 2006 | -2.07E-13 | 2108 | -2.04E-13 | 2210 | -8.21E-14 | 2312 | -4.53E-14 | 2414 | 7.33E-14 | 2516 | 3.19E-14 | 2618 | 1.18E-13 | 2720 | 1.53E-13 | 2822 | 3.46E-13 | 2924 | 8.45E-13 | 3026 | 8.69E-13 | 3128 | 1.55E-12 |
| 2008 | -2.38E-13 | 2110 | 1.45E-14 | 2212 | -1.33E-13 | 2314 | -3.07E-14 | 2416 | 7.96E-14 | 2518 | 5.27E-15 | 2620 | 1.30E-13 | 2722 | 1.71E-13 | 2824 | 3.45E-13 | 2926 | 7.94E-13 | 3028 | 1.02E-12 | 3130 | 1.59E-12 |
| 2010 | -6.51E-14 | 2112 | 2.55E-14 | 2214 | -9.69E-14 | 2316 | 6.98E-15 | 2418 | 5.48E-14 | 2520 | 3.92E-14 | 2622 | 1.43E-13 | 2724 | 1.82E-13 | 2826 | 3.57E-13 | 2928 | 8.55E-13 | 3030 | 1.12E-12 | 3132 | 1.59E-12 |
| 2012 | 1.97E-13 | 2114 | -2.94E-15 | 2216 | -2.48E-14 | 2318 | -1.53E-14 | 2420 | 4.80E-14 | 2522 | 4.06E-14 | 2624 | 1.59E-13 | 2726 | 2.02E-13 | 2828 | 3.84E-13 | 2930 | 9.32E-13 | 3032 | 1.12E-12 | 3134 | 1.63E-12 |
| 2014 | 5.11E-13 | 2116 | 1.70E-13 | 2218 | -2.89E-14 | 2320 | -5.32E-14 | 2422 | 5.57E-14 | 2524 | 3.16E-14 | 2626 | 1.44E-13 | 2728 | 2.42E-13 | 2830 | 3.74E-13 | 2932 | 9.50E-13 | 3034 | 1.08E-12 | 3136 | 1.69E-12 |
| 2016 | -1.39E-14 | 2118 | 7.18E-14 | 2220 | -2.57E-14 | 2322 | 8.34E-14 | 2424 | 5.58E-14 | 2526 | 4.71E-14 | 2628 | 1.17E-13 | 2730 | 2.57E-13 | 2832 | 3.66E-13 | 2934 | 8.91E-13 | 3036 | 9.78E-13 | 3138 | 1.69E-12 |
| 2018 | -2.48E-13 | 2120 | 2.56E-13 | 2222 | 6.41E-14 | 2324 | 1.12E-13 | 2426 | 7.43E-14 | 2528 | 4.43E-14 | 2630 | 1.30E-13 | 2732 | 2.36E-13 | 2834 | 3.38E-13 | 2936 | 7.83E-13 | 3038 | 8.89E-13 | 3140 | 1.62E-12 |
| 2020 | 1.14E-14 | 2122 | 1.73E-13 | 2224 | 3.48E-14 | 2326 | 6.67E-14 | 2428 | 5.38E-14 | 2530 | 2.79E-14 | 2632 | 1.38E-13 | 2734 | 2.06E-13 | 2836 | 3.15E-13 | 2938 | 7.15E-13 | 3040 | 8.79E-13 | 3142 | 1.50E-12 |
| 2022 | 1.24E-13 | 2124 | -2.57E-14 | 2226 | -4.43E-15 | 2328 | 3.10E-14 | 2430 | 2.66E-14 | 2532 | 5.34E-14 | 2634 | 1.83E-13 | 2736 | 1.81E-13 | 2838 | 3.01E-13 | 2940 | 6.97E-13 | 3042 | 9.19E-13 | 3144 | 1.46E-12 |
| 2024 | -8.37E-14 | 2126 | | 2228 | -1.45E-14 | 2330 | 4.15E-14 | 2432 | 2.01E-14 | 2534 | 4.17E-14 | 2636 | 2.09E-13 | 2738 | 1.76E-13 | 2840 | 2.81E-13 | 2942 | 7.19E-13 | 3044 | 9.32E-13 | 3146 | 1.55E-12 |
| 2026 | -1.77E-13 | 2128 | 2.88E-13 | 2230 | 5.89E-14 | 2332 | 6.35E-14 | 2434 | 7.44E-15 | 2536 | 9.17E-15 | 2638 | 2.40E-13 | 2740 | 1.79E-13 | 2842 | 2.54E-13 | 2944 | 7.32E-13 | 3046 | 9.49E-13 | 3148 | 1.68E-12 |
| 2028 | -1.83E-14 | 2130 | 1.41E-13 | 2232 | -5.73E-15 | 2334 | 6.94E-14 | 2436 | 4.90E-14 | 2538 | 2.51E-14 | 2640 | 2.58E-13 | 2742 | 1.74E-13 | 2844 | 2.10E-13 | 2946 | 7.28E-13 | 3048 | 9.80E-13 | 3150 | 1.68E-12 |
| 2030 | 7.63E-14 | 2132 | -2.34E-15 | 2234 | -8.40E-14 | 2336 | 5.96E-14 | 2438 | 1.07E-13 | 2540 | 5.10E-14 | 2642 | 2.61E-13 | 2744 | 1.73E-13 | 2846 | 1.71E-13 | 2948 | 7.38E-13 | 3050 | 1.01E-12 | 3152 | 1.61E-12 |
| 2032 | -1.76E-13 | 2134 | -8.95E-14 | 2236 | -3.42E-15 | 2338 | -2.50E-15 | 2440 | 5.22E-14 | 2542 | 5.79E-14 | 2644 | 2.62E-13 | 2746 | 1.87E-13 | 2848 | | 2950 | 7.80E-13 | 3052 | | 3154 | 1.42E-12 |
| 2034 | -1.18E-13 | 2136 | 4.03E-14 | 2238 | -3.98E-15 | 2340 | 4.61E-16 | 2442 | 1.47E-14 | 2544 | 1.44E-14 | 2646 | 1.97E-13 | 2748 | 2.01E-13 | 2850 | | 2952 | 7.53E-13 | 3054 | | 3156 | 1.34E-12 |
| 2036 | 7.44E-14 | 2138 | 9.86E-14 | 2240 | 7.59E-14 | 2342 | -2.83E-14 | 2444 | 6.70E-14 | 2546 | 2.62E-14 | 2648 | 2.08E-13 | 2750 | 2.12E-13 | 2852 | | 2954 | 7.62E-13 | 3056 | | 3158 | 1.35E-12 |
| 2038 | -1.06E-13 | 2140 | 1.01E-13 | 2242 | 4.51E-14 | 2344 | 1.90E-14 | 2446 | 6.42E-14 | 2548 | 5.01E-14 | 2650 | 2.26E-13 | 2752 | 2.15E-13 | 2854 | | 2956 | 8.08E-13 | 3058 | | 3160 | 1.43E-12 |
| 2040 | -1.31E-13 | 2142 | 2.70E-14 | 2244 | -2.82E-14 | 2346 | 5.08E-14 | 2448 | 3.96E-14 | 2550 | 4.83E-14 | 2652 | 2.35E-13 | 2754 | 2.24E-13 | 2856 | 1.18E-13 | 2958 | 8.62E-13 | 3060 | | 3162 | 1.53E-12 |
| 2042 | 5.89E-14 | 2144 | 6.40E-14 | 2246 | 6.14E-14 | 2348 | -3.10E-14 | 2450 | 3.77E-14 | 2552 | 7.46E-14 | 2654 | 2.46E-13 | 2756 | 2.31E-13 | 2858 | 1.50E-13 | 2960 | 8.57E-13 | 3062 | 1.00E-12 | 3164 | 1.69E-12 |
| 2044 | -1.89E-13 | 2146 | 2.58E-13 | 2248 | 7.11E-14 | 2350 | 5.88E-15 | 2452 | 6.31E-14 | 2554 | 9.95E-14 | 2656 | 2.65E-13 | 2758 | 2.47E-13 | 2860 | 1.91E-13 | 2962 | 7.78E-13 | 3064 | 1.00E-12 | 3166 | 1.83E-12 |
| 2046 | -2.81E-13 | 2148 | 2.16E-13 | 2250 | -2.66E-15 | 2352 | 3.09E-15 | 2454 | 3.65E-14 | 2556 | 7.94E-14 | 2658 | 2.90E-13 | 2760 | 2.76E-13 | 2862 | 2.17E-13 | 2964 | 6.49E-13 | 3066 | 1.04E-12 | 3168 | 1.94E-12 |
| 2048 | -2.00E-13 | 2150 | -8.78E-14 | 2252 | 1.03E-14 | 2354 | 4.94E-14 | 2456 | 3.98E-14 | 2558 | 8.27E-14 | 2660 | 2.68E-13 | 2762 | 2.98E-13 | 2864 | 2.49E-13 | 2966 | 5.40E-13 | 3068 | 1.13E-12 | 3170 | 2.06E-12 |
| 2050 | -1.14E-13 | 2152 | 9.96E-14 | 2254 | 5.98E-14 | 2356 | -9.68E-15 | 2458 | 6.54E-14 | 2560 | 7.12E-14 | 2662 | 2.42E-13 | 2764 | 3.03E-13 | 2866 | 2.95E-13 | 2968 | 5.11E-13 | 3070 | 1.23E-12 | 3172 | 2.12E-12 |
| 2052 | 5.51E-14 | 2154 | 1.56E-13 | 2256 | 3.31E-14 | 2358 | 1.28E-14 | 2460 | 6.65E-14 | 2562 | 7.98E-14 | 2664 | 2.59E-13 | 2766 | 3.05E-13 | 2868 | 3.20E-13 | 2970 | 5.37E-13 | 3072 | 1.27E-12 | 3174 | 2.07E-12 |
| 2054 | 1.04E-13 | 2156 | -7.00E-14 | 2258 | -3.11E-14 | 2360 | -2.94E-14 | 2462 | 2.69E-14 | 2564 | 7.64E-14 | 2666 | 2.43E-13 | 2768 | 3.06E-13 | 2870 | 3.21E-13 | 2972 | 6.15E-13 | 3074 | 1.23E-12 | 3176 | 1.88E-12 |
| 2056 | -2.44E-15 | 2158 | 6.00E-14 | 2260 | -1.16E-14 | 2362 | -3.30E-14 | 2464 | 5.94E-14 | 2566 | 7.82E-14 | 2668 | 2.47E-13 | 2770 | 3.06E-13 | 2872 | 3.37E-13 | 2974 | 7.58E-13 | 3076 | 1.22E-12 | 3178 | 1.68E-12 |
| 2058 | -4.90E-14 | 2160 | 1.69E-13 | 2262 | 1.04E-14 | 2364 | -4.22E-14 | 2466 | 6.38E-14 | 2568 | 8.25E-14 | 2670 | 2.45E-13 | 2772 | 3.16E-13 | 2874 | 3.43E-13 | 2976 | 8.74E-13 | 3078 | 1.19E-12 | 3180 | 1.54E-12 |
| 2060 | -1.35E-13 | 2162 | 3.20E-14 | 2264 | 2.09E-14 | 2366 | 3.27E-14 | 2468 | 4.33E-14 | 2570 | 8.32E-14 | 2672 | 2.53E-13 | 2774 | 3.19E-13 | 2876 | 3.51E-13 | 2978 | 8.66E-13 | 3080 | 1.15E-12 | 3182 | 1.58E-12 |
| 2062 | -2.20E-13 | 2164 | -3.64E-14 | 2266 | -3.29E-14 | 2368 | 5.00E-14 | 2470 | 5.01E-14 | 2572 | 8.44E-14 | 2674 | 2.72E-13 | 2776 | 3.03E-13 | 2878 | 3.34E-13 | 2980 | 7.21E-13 | 3082 | 1.15E-12 | 3184 | 1.65E-12 |
| 2064 | -9.73E-14 | 2166 | -1.55E-14 | 2268 | -3.39E-14 | 2370 | -1.70E-14 | 2472 | 4.73E-14 | 2574 | 8.76E-14 | 2676 | 2.66E-13 | 2778 | 2.68E-13 | 2880 | 3.22E-13 | 2982 | 5.79E-13 | 3084 | 1.16E-12 | 3186 | 1.68E-12 |
| 2066 | -9.31E-14 | 2168 | -3.91E-14 | 2270 | -6.56E-15 | 2372 | -4.15E-14 | 2474 | 2.16E-14 | 2576 | 7.41E-14 | 2678 | 2.57E-13 | 2780 | 2.46E-13 | 2882 | 3.51E-13 | 2984 | 5.81E-13 | 3086 | 1.10E-12 | 3188 | 1.68E-12 |
| 2068 | -1.62E-13 | 2170 | -1.47E-14 | 2272 | 2.15E-14 | 2374 | -8.17E-15 | 2476 | 4.58E-14 | 2578 | 7.98E-14 | 2680 | 2.59E-13 | 2782 | 2.40E-13 | 2884 | 3.92E-13 | 2986 | 6.71E-13 | 3088 | 1.02E-12 | 3190 | 1.64E-12 |
| 2070 | -9.94E-14 | 2172 | -1.11E-14 | 2274 | 1.22E-13 | 2376 | -8.82E-15 | 2478 | 6.69E-14 | 2580 | 1.06E-13 | 2682 | 2.66E-13 | 2784 | 2.56E-13 | 2886 | 4.58E-13 | 2988 | 7.54E-13 | 3090 | 9.08E-13 | 3192 | 1.63E-12 |
| 2072 | -1.09E-13 | 2174 | 6.38E-14 | 2276 | 4.68E-14 | 2378 | 3.63E-14 | 2480 | 3.32E-14 | 2582 | 8.33E-14 | 2684 | 2.56E-13 | 2786 | 2.52E-13 | 2888 | 5.31E-13 | 2990 | 7.73E-13 | 3092 | 8.52E-13 | 3194 | 1.69E-12 |
| 2074 | 1.09E-13 | 2176 | -3.24E-14 | 2278 | -3.16E-14 | 2380 | 3.79E-14 | 2482 | 2.66E-14 | 2584 | 1.04E-13 | 2686 | 2.52E-13 | 2788 | 2.38E-13 | 2890 | 5.71E-13 | 2992 | 7.27E-13 | 3094 | 8.77E-13 | 3196 | 1.81E-12 |
| 2076 | 1.48E-13 | 2178 | 7.07E-14 | 2280 | 4.51E-14 | 2382 | -4.07E-14 | 2484 | 4.64E-14 | 2586 | 1.01E-13 | 2688 | 2.58E-13 | 2790 | 2.12E-13 | 2892 | 6.09E-13 | 2994 | 6.62E-13 | 3096 | 8.90E-13 | 3198 | 1.90E-12 |


HD 166620 K2 V
V=6.40 (B-V)=0.87 E(B-V)=-0.05
LAP: LWP 13411, LWP 13417
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 51440 K2 III V=6.00 (B-V)=1.23 E(B-V)=0.07

LAP: LWP 7029

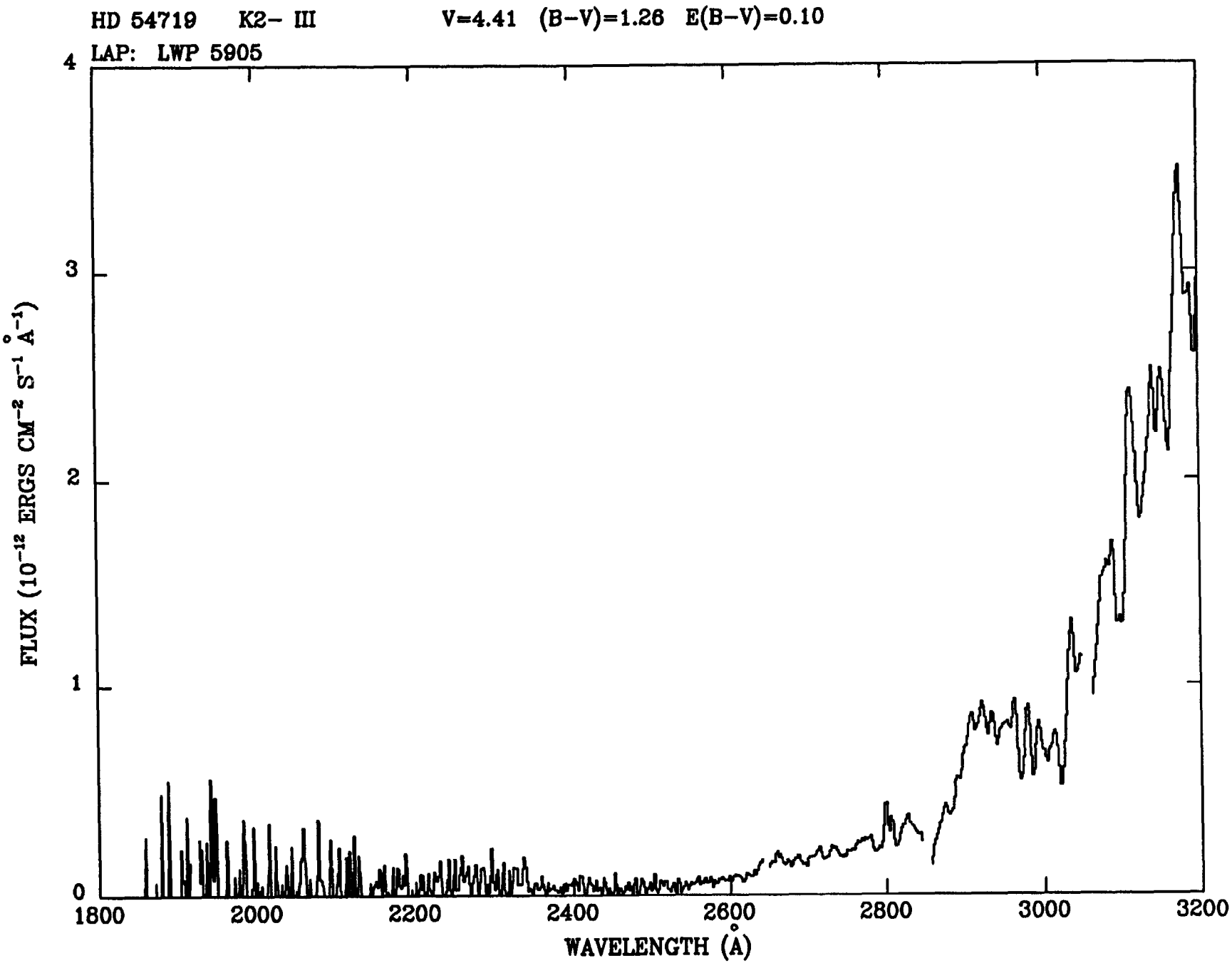
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.57E-14 | 2078 | 2.93E-14 | 2180 | -5.32E-14 | 2282 | -1.16E-14 | 2384 | 1.77E-14 | 2486 | 1.19E-14 | 2588 | 1.26E-14 | 2690 | 3.07E-14 | 2792 | 6.18E-14 | 2894 | 1.43E-13 | 2996 | 2.00E-13 | 3098 | 3.38E-13 |
| 1978 | 3.72E-14 | 2080 | 4.50E-14 | 2182 | -5.04E-14 | 2284 | -7.00E-15 | 2386 | 8.43E-15 | 2488 | 1.46E-14 | 2590 | 1.68E-14 | 2692 | 2.89E-14 | 2794 | 8.71E-14 | 2896 | 1.41E-13 | 2998 | 2.03E-13 | 3100 | 3.40E-13 |
| 1980 | -6.52E-15 | 2082 | 1.38E-14 | 2184 | -8.03E-15 | 2286 | 1.07E-14 | 2388 | 4.97E-15 | 2490 | 2.22E-14 | 2592 | 2.01E-14 | 2694 | 2.99E-14 | 2796 | 1.30E-13 | 2898 | 1.58E-13 | 3000 | 1.89E-13 | 3102 | 3.72E-13 |
| 1982 | 6.72E-15 | 2084 | 2.76E-14 | 2186 | 2.68E-14 | 2288 | 1.78E-15 | 2390 | 1.07E-14 | 2492 | 1.14E-14 | 2594 | 1.54E-14 | 2696 | 3.42E-14 | 2798 | 1.56E-13 | 2900 | 1.73E-13 | 3002 | 1.78E-13 | 3104 | 4.22E-13 |
| 1984 | 2.93E-14 | 2086 | 4.74E-14 | 2188 | 2.89E-14 | 2290 | -2.76E-14 | 2392 | 2.26E-15 | 2494 | 6.94E-15 | 2596 | 1.84E-14 | 2698 | 3.12E-14 | 2800 | 1.44E-13 | 2902 | 1.73E-13 | 3004 | 1.83E-13 | 3106 | 5.08E-13 |
| 1986 | -3.39E-14 | 2088 | -1.46E-14 | 2190 | 1.81E-14 | 2292 | -2.37E-14 | 2394 | 7.99E-15 | 2496 | 9.12E-15 | 2598 | 2.49E-14 | 2700 | 2.86E-14 | 2802 | 1.24E-13 | 2904 | 1.75E-13 | 3006 | 1.92E-13 | 3108 | 5.90E-13 |
| 1988 | -3.44E-14 | 2090 | -1.68E-14 | 2192 | -1.57E-14 | 2294 | -1.50E-14 | 2396 | 5.34E-15 | 2498 | 4.84E-15 | 2600 | 1.65E-14 | 2702 | 3.13E-14 | 2804 | 1.20E-13 | 2906 | 1.86E-13 | 3008 | 2.03E-13 | 3110 | 6.48E-13 |
| 1990 | 4.11E-15 | 2092 | 1.21E-15 | 2194 | -6.78E-15 | 2296 | 1.42E-14 | 2398 | 4.79E-15 | 2500 | -8.87E-16 | 2602 | 9.42E-15 | 2704 | 3.60E-14 | 2806 | 1.07E-13 | 2908 | 1.94E-13 | 3010 | 2.20E-13 | 3112 | 6.55E-13 |
| 1992 | -3.66E-14 | 2094 | 5.60E-14 | 2196 | -4.86E-15 | 2298 | 5.91E-14 | 2400 | 1.30E-14 | 2502 | 7.60E-15 | 2604 | 1.25E-14 | 2706 | 3.92E-14 | 2808 | 8.89E-14 | 2910 | 1.93E-13 | 3012 | 2.37E-13 | 3114 | 6.25E-13 |
| 1994 | -1.85E-14 | 2096 | 1.67E-14 | 2198 | 1.44E-15 | 2300 | 3.09E-14 | 2402 | 1.23E-14 | 2504 | 1.54E-14 | 2606 | 2.13E-14 | 2708 | 3.70E-14 | 2810 | 6.40E-14 | 2912 | 1.96E-13 | 3014 | 2.27E-13 | 3116 | 5.68E-13 |
| 1996 | -2.63E-14 | 2098 | 3.83E-14 | 2200 | 3.51E-14 | 2302 | -9.34E-15 | 2404 | 1.81E-14 | 2506 | 5.73E-15 | 2608 | 2.78E-14 | 2710 | 4.04E-14 | 2812 | 5.52E-14 | 2914 | 2.05E-13 | 3016 | 2.07E-13 | 3118 | 5.05E-13 |
| 1998 | -5.19E-14 | 2100 | 1.81E-14 | 2202 | 1.24E-14 | 2304 | -7.24E-15 | 2406 | 9.74E-15 | 2508 | -5.71E-15 | 2610 | 2.37E-14 | 2712 | 4.35E-14 | 2814 | 5.59E-14 | 2916 | 2.10E-13 | 3018 | 1.83E-13 | 3120 | 4.70E-13 |
| 2000 | -4.86E-14 | 2102 | 5.02E-15 | 2204 | 3.53E-14 | 2306 | -4.38E-16 | 2408 | 3.08E-14 | 2510 | 4.65E-15 | 2612 | 2.48E-14 | 2714 | 4.49E-14 | 2816 | 5.95E-14 | 2918 | 2.12E-13 | 3020 | 1.62E-13 | 3122 | 4.64E-13 |
| 2002 | -1.05E-13 | 2104 | -1.08E-14 | 2206 | 3.60E-14 | 2308 | -3.78E-15 | 2410 | 2.83E-14 | 2512 | 1.37E-14 | 2614 | 2.46E-14 | 2716 | 4.89E-14 | 2818 | 6.60E-14 | 2920 | 2.19E-13 | 3022 | 1.64E-13 | 3124 | 4.69E-13 |
| 2004 | -4.15E-14 | 2106 | -1.61E-14 | 2208 | 2.74E-14 | 2310 | 9.84E-15 | 2412 | 1.26E-14 | 2514 | 5.25E-15 | 2616 | 1.96E-14 | 2718 | 4.67E-14 | 2820 | 6.91E-14 | 2922 | 2.21E-13 | 3024 | 1.92E-13 | 3126 | 4.84E-13 |
| 2006 | 5.06E-15 | 2108 | 1.38E-14 | 2210 | 4.16E-14 | 2312 | 2.68E-15 | 2414 | 1.21E-14 | 2516 | 6.34E-15 | 2618 | 1.75E-14 | 2720 | 4.32E-14 | 2822 | 7.19E-14 | 2924 | 2.13E-13 | 3026 | 2.39E-13 | 3128 | 5.02E-13 |
| 2008 | -2.58E-14 | 2110 | 4.07E-14 | 2212 | 2.98E-14 | 2314 | -2.28E-15 | 2416 | 5.64E-15 | 2518 | 1.39E-14 | 2620 | 2.18E-14 | 2722 | 4.27E-14 | 2824 | 7.28E-14 | 2926 | 2.07E-13 | 3028 | 2.83E-13 | 3130 | 5.25E-13 |
| 2010 | -5.66E-14 | 2112 | 2.29E-14 | 2214 | -6.73E-15 | 2316 | -8.83E-15 | 2418 | 1.16E-14 | 2520 | 2.36E-14 | 2622 | 2.65E-14 | 2724 | 4.30E-14 | 2826 | 7.01E-14 | 2928 | 2.08E-13 | 3030 | 3.21E-13 | 3132 | 5.31E-13 |
| 2012 | -6.91E-14 | 2114 | -5.88E-15 | 2216 | -1.14E-14 | 2318 | 3.14E-15 | 2420 | 1.17E-14 | 2522 | 1.18E-14 | 2624 | 2.61E-14 | 2726 | 4.56E-14 | 2828 | 6.93E-14 | 2930 | 2.16E-13 | 3032 | 3.71E-13 | 3134 | 5.33E-13 |
| 2014 | 4.59E-15 | 2116 | 3.47E-14 | 2218 | -3.16E-15 | 2320 | 4.84E-15 | 2422 | -4.96E-16 | 2524 | 2.59E-15 | 2626 | 2.45E-14 | 2728 | 4.28E-14 | 2830 | 7.10E-14 | 2932 | 2.26E-13 | 3034 | 3.81E-13 | 3136 | 5.60E-13 |
| 2016 | 6.52E-14 | 2118 | 2.64E-14 | 2220 | 3.86E-15 | 2322 | -1.41E-14 | 2424 | 2.08E-15 | 2526 | -3.66E-15 | 2628 | 2.37E-14 | 2730 | 4.13E-14 | 2832 | 6.17E-14 | 2934 | 2.24E-13 | 3036 | 3.72E-13 | 3138 | 5.98E-13 |
| 2018 | 4.91E-14 | 2120 | -3.83E-14 | 2222 | 6.17E-15 | 2324 | 6.09E-15 | 2426 | 7.33E-15 | 2528 | 4.30E-15 | 2630 | 2.21E-14 | 2732 | 4.41E-14 | 2834 | 5.99E-14 | 2936 | 2.07E-13 | 3038 | 3.46E-13 | 3140 | 6.16E-13 |
| 2020 | -2.20E-14 | 2122 | 4.44E-14 | 2224 | 2.96E-14 | 2326 | 2.38E-14 | 2428 | 1.13E-14 | 2530 | 4.80E-15 | 2632 | 2.23E-14 | 2734 | 4.58E-14 | 2836 | 5.82E-14 | 2938 | 1.92E-13 | 3040 | 3.25E-13 | 3142 | 6.08E-13 |
| 2022 | -4.69E-14 | 2124 | 2.68E-15 | 2226 | 4.54E-14 | 2328 | 1.48E-14 | 2430 | 9.72E-15 | 2532 | -4.52E-16 | 2634 | 2.34E-14 | 2736 | 4.65E-14 | 2838 | 5.75E-14 | 2940 | 1.90E-13 | 3042 | 3.15E-13 | 3144 | 5.78E-13 |
| 2024 | -2.03E-14 | 2126 | -1.45E-14 | 2228 | 4.03E-14 | 2330 | 1.99E-14 | 2432 | 6.61E-15 | 2534 | 1.52E-14 | 2636 | 3.03E-14 | 2738 | 4.64E-14 | 2840 | 6.62E-14 | 2942 | 1.90E-13 | 3044 | 3.24E-13 | 3146 | 5.73E-13 |
| 2026 | -4.59E-15 | 2128 | 4.64E-14 | 2230 | 1.70E-14 | 2332 | 3.69E-15 | 2434 | 1.06E-14 | 2536 | 1.74E-14 | 2638 | 3.96E-14 | 2740 | 4.21E-14 | 2842 | 6.17E-14 | 2944 | 1.91E-13 | 3046 | 3.40E-13 | 3148 | 6.07E-13 |
| 2028 | 3.64E-14 | 2130 | 3.90E-14 | 2232 | 4.70E-14 | 2334 | 7.56E-15 | 2436 | 3.43E-15 | 2538 | 4.74E-15 | 2640 | 3.84E-14 | 2742 | 3.49E-14 | 2844 | 5.04E-14 | 2946 | 1.90E-13 | 3048 | 3.46E-13 | 3150 | 6.24E-13 |
| 2030 | 1.77E-14 | 2132 | -1.35E-14 | 2234 | 3.98E-14 | 2336 | 3.30E-14 | 2438 | 2.30E-15 | 2540 | 1.20E-14 | 2642 | 3.61E-14 | 2744 | 2.94E-14 | 2846 | 4.47E-14 | 2948 | 1.86E-13 | 3050 | 3.54E-13 | 3152 | 6.29E-13 |
| 2032 | 3.61E-14 | 2134 | -1.81E-14 | 2236 | 3.62E-14 | 2338 | 5.55E-14 | 2440 | 1.14E-14 | 2542 | 1.24E-14 | 2644 | | 2746 | 3.69E-14 | 2848 | | 2950 | 1.93E-13 | 3052 | 3.64E-13 | 3154 | 6.25E-13 |
| 2034 | 2.35E-14 | 2136 | -1.90E-14 | 2238 | 7.24E-15 | 2340 | 3.60E-14 | 2442 | 1.34E-14 | 2544 | 2.34E-14 | 2646 | | 2748 | 4.81E-14 | 2850 | | 2952 | 2.04E-13 | 3054 | | 3156 | 5.80E-13 |
| 2036 | 3.07E-15 | 2138 | 3.22E-14 | 2240 | 2.52E-14 | 2342 | -1.34E-14 | 2444 | 3.37E-15 | 2546 | 2.14E-14 | 2648 | | 2750 | 4.95E-14 | 2852 | | 2954 | 1.98E-13 | 3056 | | 3158 | 5.33E-13 |
| 2038 | -1.64E-14 | 2140 | 3.22E-14 | 2242 | 3.66E-14 | 2344 | -1.06E-14 | 2446 | 5.37E-15 | 2548 | 1.28E-14 | 2650 | 2.77E-14 | 2752 | 5.13E-14 | 2854 | | 2956 | 1.96E-13 | 3058 | | 3160 | 5.15E-13 |
| 2040 | -1.74E-14 | 2142 | -3.94E-15 | 2244 | 6.18E-15 | 2346 | -1.18E-14 | 2448 | 8.72E-15 | 2550 | 2.19E-14 | 2652 | 2.63E-14 | 2754 | 5.19E-14 | 2856 | 4.07E-14 | 2958 | 2.14E-13 | 3060 | | 3162 | 5.34E-13 |
| 2042 | 1.90E-14 | 2144 | -1.05E-14 | 2246 | -3.14E-15 | 2348 | -1.77E-14 | 2450 | -1.29E-15 | 2552 | 2.36E-14 | 2654 | 2.62E-14 | 2756 | 5.09E-14 | 2858 | 3.96E-14 | 2960 | 2.34E-13 | 3062 | 2.81E-13 | 3164 | 5.83E-13 |
| 2044 | 5.49E-14 | 2146 | -8.63E-15 | 2248 | 8.11E-15 | 2350 | 1.18E-14 | 2452 | 9.91E-15 | 2554 | 1.80E-14 | 2656 | 2.65E-14 | 2758 | 5.10E-14 | 2860 | 4.13E-14 | 2962 | 2.31E-13 | 3064 | 2.84E-13 | 3166 | 6.51E-13 |
| 2046 | 3.11E-14 | 2148 | -7.96E-16 | 2250 | 1.86E-14 | 2352 | 4.41E-14 | 2454 | 2.64E-14 | 2556 | 1.42E-14 | 2658 | 2.66E-14 | 2760 | 4.90E-14 | 2862 | 4.64E-14 | 2964 | 2.04E-13 | 3066 | 2.95E-13 | 3168 | 7.12E-13 |
| 2048 | 3.71E-14 | 2150 | -1.66E-14 | 2252 | -9.95E-15 | 2354 | -1.31E-15 | 2456 | 2.02E-14 | 2558 | 1.50E-14 | 2660 | 3.23E-14 | 2762 | 4.90E-14 | 2864 | 4.84E-14 | 2966 | 1.73E-13 | 3068 | 3.09E-13 | 3170 | 7.84E-13 |
| 2050 | 2.52E-14 | 2152 | 1.25E-14 | 2254 | 1.66E-14 | 2356 | -1.11E-14 | 2458 | 6.02E-15 | 2560 | 1.22E-14 | 2662 | 3.20E-14 | 2764 | 5.54E-14 | 2866 | 5.66E-14 | 2968 | 1.56E-13 | 3070 | 3.27E-13 | 3172 | 8.53E-13 |
| 2052 | -1.37E-15 | 2154 | 3.50E-14 | 2256 | 5.69E-14 | 2358 | 5.31E-15 | 2460 | -4.51E-15 | 2562 | 1.39E-14 | 2664 | 3.28E-14 | 2766 | 6.19E-14 | 2868 | 6.81E-14 | 2970 | 1.52E-13 | 3072 | 3.60E-13 | 3174 | 8.89E-13 |
| 2054 | 7.07E-16 | 2156 | 7.02E-15 | 2258 | 1.96E-14 | 2360 | 2.44E-14 | 2462 | -5.48E-15 | 2564 | 1.79E-14 | 2666 | 4.33E-14 | 2768 | 6.53E-14 | 2870 | 7.83E-14 | 2972 | 1.62E-13 | 3074 | 4.01E-13 | 3176 | 8.87E-13 |
| 2056 | -5.63E-15 | 2158 | -2.76E-15 | 2260 | 3.46E-16 | 2362 | 1.73E-14 | 2464 | -2.08E-16 | 2566 | 7.93E-15 | 2668 | 4.03E-14 | 2770 | 5.97E-14 | 2872 | 8.41E-14 | 2974 | 1.88E-13 | 3076 | 4.21E-13 | 3178 | 8.33E-13 |
| 2058 | 4.81E-14 | 2160 | 2.50E-14 | 2262 | -1.92E-14 | 2364 | 6.48E-15 | 2466 | 2.30E-15 | 2568 | 9.86E-15 | 2670 | 3.61E-14 | 2772 | 5.87E-14 | 2874 | 8.28E-14 | 2976 | 2.19E-13 | 3078 | 4.23E-13 | 3180 | 7.70E-13 |
| 2060 | 3.77E-14 | 2162 | 1.96E-14 | 2264 | 1.40E-14 | 2366 | 1.27E-14 | 2468 | -6.27E-15 | 2570 | 8.63E-15 | 2672 | 3.49E-14 | 2774 | 6.70E-14 | 2876 | 8.02E-14 | 2978 | 2.39E-13 | 3080 | 4.13E-13 | 3182 | 6.75E-13 |
| 2062 | 3.17E-14 | 2164 | 1.54E-14 | 2266 | 2.27E-14 | 2368 | 2.59E-14 | 2470 | 1.14E-14 | 2572 | 4.31E-15 | 2674 | 3.82E-14 | 2776 | 6.73E-14 | 2878 | 8.48E-14 | 2980 | 2.38E-13 | 3082 | 4.10E-13 | 3184 | 6.37E-13 |
| 2064 | 3.95E-14 | 2166 | 1.03E-14 | 2268 | 1.32E-14 | 2370 | 1.62E-14 | 2472 | 7.28E-15 | 2574 | 1.21E-14 | 2676 | 3.55E-14 | 2778 | 6.18E-14 | 2880 | 8.62E-14 | 2982 | 2.04E-13 | 3084 | 4.21E-13 | 3186 | 6.51E-13 |
| 2066 | 3.94E-14 | 2168 | -6.50E-14 | 2270 | 6.17E-15 | 2372 | 8.62E-15 | 2474 | 9.79E-15 | 2576 | 1.49E-14 | 2678 | 3.15E-14 | 2780 | 5.70E-14 | 2882 | 8.52E-14 | 2984 | 1.72E-13 | 3086 | 4.30E-13 | 3188 | 6.89E-13 |
| 2068 | 3.62E-14 | 2170 | -3.54E-14 | 2272 | -4.31E-15 | 2374 | 8.41E-15 | 2476 | 8.74E-15 | 2578 | 8.03E-15 | 2680 | 2.96E-14 | 2782 | 5.56E-14 | 2884 | 9.35E-14 | 2986 | 1.82E-13 | 3088 | 4.10E-13 | 3190 | 7.08E-13 |
| 2070 | -3.63E-15 | 2172 | 1.91E-14 | 2274 | 2.28E-15 | 2376 | 1.09E-14 | 2478 | 1.39E-14 | 2580 | 1.68E-14 | 2682 | 3.14E-14 | 2784 | 5.39E-14 | 2886 | 1.08E-13 | 2988 | 2.13E-13 | 3090 | 3.85E-13 | 3192 | 7.01E-13 |
| 2072 | -2.57E-14 | 2174 | -1.67E-14 | 2276 | 3.25E-14 | 2378 | -6.92E-15 | 2480 | 1.52E-14 | 2582 | 1.65E-14 | 2684 | 3.43E-14 | 2786 | 5.07E-14 | 2888 | 1.26E-13 | 2990 | 2.38E-13 | 3092 | 3.34E-13 | 3194 | 7.09E-13 |
| 2074 | -2.66E-14 | 2176 | 1.70E-16 | 2278 | 3.62E-14 | 2380 | -6.60E-15 | 2482 | 3.14E-15 | 2584 | 8.70E-15 | 2686 | 3.25E-14 | 2788 | 5.20E-14 | 2890 | 1.36E-13 | 2992 | 2.36E-13 | 3094 | 3.17E-13 | 3196 | 7.55E-13 |
| 2076 | -7.92E-15 | 2178 | 4.51E-14 | 2280 | -6.87E-15 | 2382 | 1.28E-14 | 2484 | -9.18E-16 | 2586 | 1.15E-14 | 2688 | 3.10E-14 | 2790 | 5.49E-14 | 2892 | 1.44E-13 | 2994 | 2.13E-13 | 3096 | 3.36E-13 | 3198 | 8.14E-13 |


HD 51440 K2 III V=6.00 (B−V)=1.23 E(B−V)=0.07
LAP: LWP 7029
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

HD 54719 K2- III V=4.41 (B-V)=1.26 E(B-V)=0.10

LAP: LWP 5905

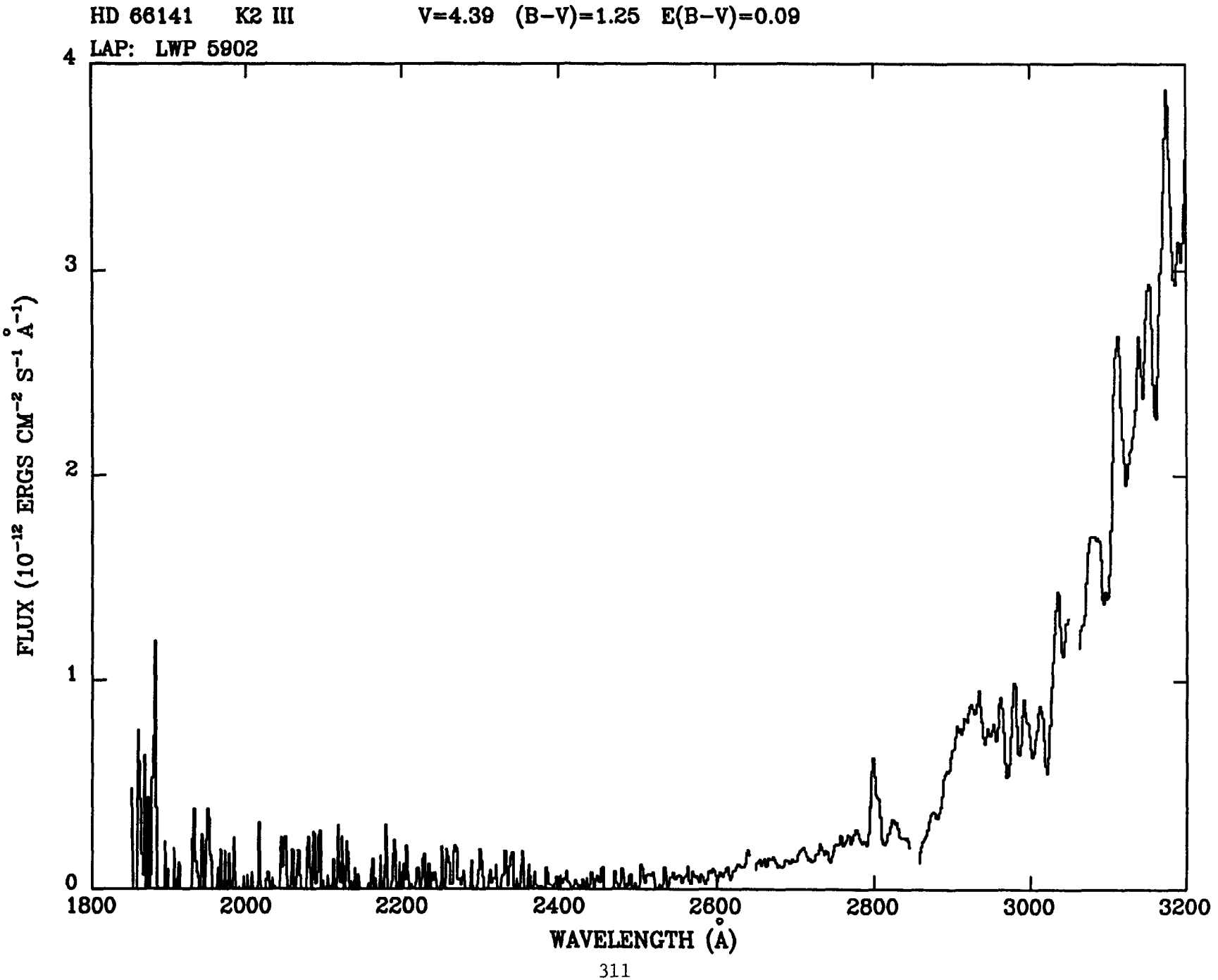
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.01E-15 | 2078 | 2.20E-13 | 2180 | 4.75E-14 | 2282 | 1.04E-13 | 2384 | 3.58E-14 | 2486 | 6.58E-14 | 2588 | 7.50E-14 | 2690 | 1.62E-13 | 2792 | 2.24E-13 | 2894 | 5.50E-13 | 2996 | 7.53E-13 | 3098 | 1.33E-12 |
| 1978 | -1.17E-15 | 2080 | 7.66E-14 | 2182 | 4.86E-14 | 2284 | 1.30E-13 | 2386 | 2.36E-14 | 2488 | 6.72E-14 | 2590 | 8.00E-14 | 2692 | 1.44E-13 | 2794 | 2.33E-13 | 2896 | 5.89E-13 | 2998 | 7.02E-13 | 3100 | 1.29E-12 |
| 1980 | -3.25E-14 | 2082 | 5.94E-14 | 2184 | 8.78E-14 | 2286 | 1.22E-13 | 2388 | 5.44E-14 | 2490 | 4.06E-14 | 2592 | 7.29E-14 | 2694 | 1.44E-13 | 2796 | 2.90E-13 | 2898 | 6.66E-13 | 3000 | 6.84E-13 | 3102 | 1.33E-12 |
| 1982 | 2.68E-13 | 2084 | 9.67E-15 | 2186 | 9.01E-14 | 2288 | 1.04E-14 | 2390 | 4.43E-14 | 2492 | 1.22E-14 | 2594 | 6.90E-14 | 2696 | 1.45E-13 | 2798 | 3.87E-13 | 2900 | 6.97E-13 | 3002 | 6.56E-13 | 3104 | 1.51E-12 |
| 1984 | 2.77E-13 | 2086 | -1.54E-13 | 2188 | 1.76E-13 | 2290 | 4.49E-14 | 2392 | 3.45E-14 | 2494 | 2.91E-14 | 2596 | 6.97E-14 | 2698 | 1.40E-13 | 2800 | 4.31E-13 | 2902 | 7.15E-13 | 3004 | 6.29E-13 | 3106 | 1.80E-12 |
| 1986 | -2.64E-14 | 2088 | -6.43E-14 | 2190 | 9.65E-15 | 2292 | 1.77E-14 | 2394 | 4.97E-14 | 2496 | 4.20E-14 | 2598 | 8.00E-14 | 2700 | 1.72E-13 | 2802 | 3.51E-13 | 2904 | 7.65E-13 | 3006 | 6.74E-13 | 3108 | 2.12E-12 |
| 1988 | -1.40E-13 | 2090 | -5.00E-15 | 2192 | -1.66E-13 | 2294 | 1.01E-13 | 2396 | 4.76E-14 | 2498 | 5.46E-14 | 2600 | 7.36E-14 | 2702 | 1.81E-13 | 2804 | 3.03E-13 | 2906 | 8.20E-13 | 3008 | 6.93E-13 | 3110 | 2.35E-12 |
| 1990 | -7.34E-14 | 2092 | 2.52E-13 | 2194 | -5.41E-14 | 2296 | 2.09E-13 | 2398 | 5.58E-14 | 2500 | 2.48E-14 | 2602 | 6.78E-14 | 2704 | 1.80E-13 | 2806 | 3.59E-13 | 2908 | 8.52E-13 | 3010 | 7.12E-13 | 3112 | 2.42E-12 |
| 1992 | 7.00E-15 | 2094 | 1.11E-13 | 2196 | -9.50E-15 | 2298 | 5.88E-14 | 2400 | 7.21E-14 | 2502 | 5.36E-14 | 2604 | 8.33E-14 | 2706 | 1.82E-13 | 2808 | 3.51E-13 | 2910 | 8.41E-13 | 3012 | 7.58E-13 | 3114 | 2.40E-12 |
| 1994 | 1.09E-13 | 2096 | -2.62E-13 | 2198 | -6.92E-15 | 2300 | 4.61E-14 | 2402 | 6.74E-14 | 2504 | 7.20E-14 | 2606 | 9.11E-14 | 2708 | 1.84E-13 | 2810 | 2.64E-13 | 2912 | 7.98E-13 | 3014 | 7.70E-13 | 3116 | 2.31E-12 |
| 1996 | 2.14E-13 | 2098 | -6.95E-14 | 2200 | 1.68E-14 | 2302 | 1.07E-13 | 2404 | 5.15E-14 | 2506 | 2.07E-14 | 2608 | 8.90E-14 | 2710 | 1.97E-13 | 2812 | 2.31E-13 | 2914 | 7.85E-13 | 3016 | 7.42E-13 | 3118 | 2.16E-12 |
| 1998 | -7.46E-14 | 2100 | 7.43E-14 | 2202 | -3.11E-15 | 2304 | 7.06E-14 | 2406 | 2.73E-14 | 2508 | 2.07E-14 | 2610 | 9.07E-14 | 2712 | 2.08E-13 | 2814 | 2.33E-13 | 2916 | 8.02E-13 | 3018 | 6.71E-13 | 3120 | 2.01E-12 |
| 2000 | -6.85E-14 | 2102 | 1.51E-13 | 2204 | 3.22E-14 | 2306 | -7.48E-14 | 2408 | 8.80E-14 | 2510 | 5.09E-14 | 2612 | 8.50E-14 | 2714 | 2.20E-13 | 2816 | 2.58E-13 | 2918 | 8.34E-13 | 3020 | 5.72E-13 | 3122 | 1.88E-12 |
| 2002 | 4.29E-15 | 2104 | 1.49E-13 | 2206 | 9.65E-14 | 2308 | -1.29E-14 | 2410 | 8.53E-14 | 2512 | 6.38E-14 | 2614 | 7.75E-14 | 2716 | 2.06E-13 | 2818 | 2.93E-13 | 2920 | 8.78E-13 | 3022 | 5.18E-13 | 3124 | 1.81E-12 |
| 2004 | 2.63E-14 | 2106 | -2.55E-14 | 2208 | 3.40E-14 | 2310 | 1.34E-13 | 2412 | 4.69E-14 | 2514 | 4.98E-14 | 2616 | 6.46E-14 | 2718 | 1.82E-13 | 2820 | 3.18E-13 | 2922 | 9.14E-13 | 3024 | 5.55E-13 | 3126 | 1.83E-12 |
| 2006 | 4.82E-14 | 2108 | -1.24E-13 | 2210 | 7.69E-14 | 2312 | 7.18E-14 | 2414 | -9.46E-15 | 2516 | 5.98E-14 | 2618 | 6.77E-14 | 2720 | 1.69E-13 | 2822 | 3.29E-13 | 2924 | 8.92E-13 | 3026 | 6.67E-13 | 3128 | 1.92E-12 |
| 2008 | -2.57E-13 | 2110 | -2.17E-14 | 2212 | -7.80E-14 | 2314 | -1.19E-14 | 2416 | 4.98E-16 | 2518 | 6.61E-14 | 2620 | 8.61E-14 | 2722 | 1.72E-13 | 2824 | 3.41E-13 | 2926 | 8.34E-13 | 3028 | 7.97E-13 | 3130 | 1.98E-12 |
| 2010 | -1.80E-13 | 2112 | 1.42E-13 | 2214 | -1.59E-14 | 2316 | 5.17E-15 | 2418 | 6.29E-14 | 2520 | 3.60E-14 | 2622 | 9.95E-14 | 2724 | 1.78E-13 | 2826 | 3.65E-13 | 2928 | 7.84E-13 | 3030 | 9.59E-13 | 3132 | 2.05E-12 |
| 2012 | -4.15E-14 | 2114 | 5.37E-14 | 2216 | 8.35E-14 | 2318 | 1.02E-13 | 2420 | 7.05E-14 | 2522 | 2.93E-14 | 2624 | 9.35E-14 | 2726 | 1.83E-13 | 2828 | 3.77E-13 | 2930 | 7.71E-13 | 3032 | 1.13E-12 | 3134 | 2.14E-12 |
| 2014 | 1.82E-13 | 2116 | 1.71E-13 | 2218 | 2.92E-14 | 2320 | 6.41E-15 | 2422 | 5.29E-14 | 2524 | 1.82E-14 | 2626 | 8.82E-14 | 2728 | 2.09E-13 | 2830 | 3.51E-13 | 2932 | 8.28E-13 | 3034 | 1.23E-12 | 3136 | 2.23E-12 |
| 2016 | 1.68E-13 | 2118 | 1.26E-13 | 2220 | -2.90E-15 | 2322 | 6.69E-14 | 2424 | 3.45E-14 | 2526 | 4.35E-14 | 2628 | 8.79E-14 | 2730 | 2.29E-13 | 2832 | 3.30E-13 | 2934 | 8.63E-13 | 3036 | 1.31E-12 | 3138 | 2.36E-12 |
| 2018 | -1.93E-13 | 2120 | 1.34E-14 | 2222 | 3.92E-14 | 2324 | 1.30E-13 | 2426 | 2.57E-14 | 2528 | 5.04E-14 | 2630 | 1.07E-13 | 2732 | 2.24E-13 | 2834 | 3.21E-13 | 2936 | 8.41E-13 | 3038 | 1.25E-12 | 3140 | 2.49E-12 |
| 2020 | -2.43E-13 | 2122 | 2.69E-13 | 2224 | 9.97E-14 | 2326 | 1.28E-13 | 2428 | 5.48E-14 | 2530 | 1.63E-14 | 2632 | 9.86E-14 | 2734 | 2.19E-13 | 2836 | 3.08E-13 | 2938 | 7.84E-13 | 3040 | 1.13E-12 | 3142 | 2.47E-12 |
| 2022 | 2.41E-14 | 2124 | -1.03E-15 | 2226 | 7.75E-14 | 2328 | 1.10E-13 | 2430 | 3.56E-14 | 2532 | 2.87E-14 | 2634 | 1.12E-13 | 2736 | 2.15E-13 | 2838 | 2.96E-13 | 2940 | 7.26E-13 | 3042 | 1.06E-12 | 3144 | 2.30E-12 |
| 2024 | 1.37E-13 | 2126 | -1.63E-14 | 2228 | 8.55E-14 | 2330 | 5.33E-14 | 2432 | 3.28E-14 | 2534 | 6.89E-14 | 2636 | 1.35E-13 | 2738 | 2.00E-13 | 2840 | 2.84E-13 | 2942 | 7.28E-13 | 3044 | 1.07E-12 | 3146 | 2.22E-12 |
| 2026 | 1.82E-14 | 2128 | 1.72E-13 | 2230 | 1.44E-13 | 2332 | 5.30E-14 | 2434 | 3.77E-14 | 2536 | 3.77E-14 | 2638 | 1.51E-13 | 2740 | 1.87E-13 | 2842 | 2.84E-13 | 2944 | 7.68E-13 | 3046 | 1.11E-12 | 3148 | 2.30E-12 |
| 2028 | -1.40E-13 | 2130 | 7.81E-14 | 2232 | 1.00E-13 | 2334 | 8.60E-14 | 2436 | -5.74E-15 | 2538 | 2.12E-14 | 2640 | 1.52E-13 | 2742 | 1.84E-13 | 2844 | 2.81E-13 | 2946 | 7.88E-13 | 3048 | 1.14E-12 | 3150 | 2.45E-12 |
| 2030 | 9.85E-15 | 2132 | -3.02E-14 | 2234 | -3.66E-14 | 2336 | 1.54E-13 | 2438 | 7.81E-14 | 2540 | 3.58E-14 | 2642 | 1.66E-13 | 2744 | 1.80E-13 | 2846 | 2.53E-13 | 2948 | 8.01E-13 | 3050 | 1.13E-12 | 3152 | 2.52E-12 |
| 2032 | -6.31E-14 | 2134 | -1.22E-13 | 2236 | -4.64E-14 | 2338 | 1.55E-13 | 2440 | 5.38E-14 | 2542 | 5.44E-14 | 2644 | | 2746 | 1.87E-13 | 2848 | | 2950 | 8.12E-13 | 3052 | | 3154 | 2.47E-12 |
| 2034 | -1.27E-13 | 2136 | -9.56E-14 | 2238 | 2.91E-14 | 2340 | 9.32E-14 | 2442 | 2.20E-14 | 2544 | 5.42E-14 | 2646 | | 2748 | 1.93E-13 | 2850 | | 2952 | 8.14E-13 | 3054 | | 3156 | 2.38E-12 |
| 2036 | 1.42E-13 | 2138 | -2.32E-14 | 2240 | 9.09E-14 | 2342 | 3.77E-14 | 2444 | 1.36E-14 | 2546 | 3.12E-14 | 2648 | 1.32E-13 | 2750 | 2.06E-13 | 2852 | | 2954 | 8.19E-13 | 3056 | | 3158 | 2.25E-12 |
| 2038 | 5.91E-14 | 2140 | -3.33E-14 | 2242 | 1.37E-13 | 2344 | 3.02E-14 | 2446 | 2.66E-14 | 2548 | 4.20E-14 | 2650 | 1.37E-13 | 2752 | 2.07E-13 | 2854 | | 2956 | 7.97E-13 | 3058 | | 3160 | 2.16E-12 |
| 2040 | -1.55E-13 | 2142 | 3.35E-14 | 2244 | 1.83E-14 | 2346 | 2.84E-14 | 2448 | 4.60E-15 | 2550 | 5.71E-14 | 2652 | 1.50E-13 | 2754 | 2.08E-13 | 2856 | 1.40E-13 | 2958 | 7.98E-13 | 3060 | | 3162 | 2.16E-12 |
| 2042 | 4.18E-14 | 2144 | 1.34E-15 | 2246 | 2.77E-14 | 2348 | 3.72E-15 | 2450 | 1.90E-15 | 2552 | 5.11E-14 | 2654 | 1.56E-13 | 2756 | 2.14E-13 | 2858 | 1.63E-13 | 2960 | 8.54E-13 | 3062 | 9.46E-13 | 3164 | 2.33E-12 |
| 2044 | 1.39E-13 | 2146 | 3.47E-14 | 2248 | 1.32E-13 | 2350 | 5.31E-14 | 2452 | 6.56E-14 | 2554 | 5.54E-14 | 2656 | 1.54E-13 | 2758 | 2.14E-13 | 2860 | 2.17E-13 | 2962 | 9.17E-13 | 3064 | 1.02E-12 | 3166 | 2.59E-12 |
| 2046 | -7.50E-14 | 2148 | 5.40E-14 | 2250 | 1.00E-13 | 2352 | 5.69E-14 | 2454 | 7.00E-14 | 2556 | 6.40E-14 | 2658 | 1.82E-13 | 2760 | 2.18E-13 | 2862 | 2.51E-13 | 2964 | 8.96E-13 | 3066 | 1.10E-12 | 3168 | 2.78E-12 |
| 2048 | -2.18E-14 | 2150 | 6.80E-14 | 2252 | 2.84E-14 | 2354 | 2.98E-14 | 2456 | 2.16E-14 | 2558 | 7.99E-14 | 2660 | 2.01E-13 | 2762 | 2.40E-13 | 2864 | 2.77E-13 | 2966 | 7.77E-13 | 3068 | 1.19E-12 | 3170 | 3.03E-12 |
| 2050 | 8.20E-15 | 2152 | 5.16E-14 | 2254 | 6.99E-14 | 2356 | 3.08E-14 | 2458 | 2.72E-14 | 2560 | 7.48E-14 | 2662 | 1.81E-13 | 2764 | 2.48E-13 | 2866 | 3.03E-13 | 2968 | 6.25E-13 | 3070 | 1.29E-12 | 3172 | 3.29E-12 |
| 2052 | 3.05E-14 | 2154 | 1.25E-13 | 2256 | 1.21E-13 | 2358 | 5.17E-14 | 2460 | 3.37E-14 | 2562 | 5.55E-14 | 2664 | 1.89E-13 | 2766 | 2.45E-13 | 2868 | 3.36E-13 | 2970 | 5.57E-13 | 3072 | 1.42E-12 | 3174 | 3.44E-12 |
| 2054 | 1.30E-13 | 2156 | 6.97E-14 | 2258 | 1.75E-13 | 2360 | 7.71E-14 | 2462 | 4.18E-15 | 2564 | 6.18E-14 | 2666 | 1.75E-13 | 2768 | 2.55E-13 | 2870 | 3.50E-13 | 2972 | 5.60E-13 | 3074 | 1.52E-12 | 3176 | 3.49E-12 |
| 2056 | 1.79E-13 | 2158 | 1.14E-14 | 2260 | 9.19E-14 | 2362 | 4.19E-14 | 2464 | 1.56E-14 | 2566 | 6.75E-14 | 2668 | 1.49E-13 | 2770 | 2.55E-13 | 2872 | 3.84E-13 | 2974 | 6.26E-13 | 3076 | 1.53E-12 | 3178 | 3.35E-12 |
| 2058 | 2.88E-13 | 2160 | 1.25E-13 | 2262 | 8.84E-14 | 2364 | 8.38E-15 | 2466 | 4.06E-14 | 2568 | 7.79E-14 | 2670 | 1.43E-13 | 2772 | 2.60E-13 | 2874 | 4.14E-13 | 2976 | 7.47E-13 | 3078 | 1.55E-12 | 3180 | 3.18E-12 |
| 2060 | 1.86E-13 | 2162 | 3.99E-15 | 2264 | 1.10E-13 | 2366 | 2.53E-14 | 2468 | 3.16E-14 | 2570 | 6.57E-14 | 2672 | 1.52E-13 | 2774 | 2.60E-13 | 2876 | 4.21E-13 | 2978 | 8.65E-13 | 3080 | 1.58E-12 | 3182 | 2.98E-12 |
| 2062 | 2.61E-15 | 2164 | -4.04E-14 | 2266 | 1.34E-13 | 2368 | 3.84E-14 | 2470 | 5.49E-14 | 2572 | 6.09E-14 | 2674 | 1.63E-13 | 2776 | 2.64E-13 | 2878 | 4.03E-13 | 2980 | 8.99E-13 | 3082 | 1.60E-12 | 3184 | 2.88E-12 |
| 2064 | -8.01E-14 | 2166 | 8.53E-15 | 2268 | 5.12E-14 | 2370 | 3.00E-14 | 2472 | 2.84E-14 | 2574 | 7.87E-14 | 2676 | 1.47E-13 | 2778 | 2.68E-13 | 2880 | 3.83E-13 | 2982 | 7.97E-13 | 3084 | 1.58E-12 | 3186 | 2.88E-12 |
| 2066 | 7.23E-14 | 2168 | -8.80E-14 | 2270 | 2.30E-14 | 2372 | 3.31E-14 | 2474 | 3.03E-14 | 2576 | 7.34E-14 | 2678 | 1.34E-13 | 2780 | 2.76E-13 | 2882 | 3.84E-13 | 2984 | 6.41E-13 | 3086 | 1.61E-12 | 3188 | 2.90E-12 |
| 2068 | -1.65E-14 | 2170 | 5.29E-14 | 2272 | 7.07E-14 | 2374 | 4.40E-14 | 2476 | 1.90E-14 | 2578 | 4.14E-14 | 2680 | 1.49E-13 | 2782 | 2.50E-13 | 2884 | 3.97E-13 | 2986 | 5.66E-13 | 3088 | 1.68E-12 | 3190 | 2.88E-12 |
| 2070 | -1.62E-14 | 2172 | 4.89E-14 | 2274 | 1.12E-13 | 2376 | 2.92E-14 | 2478 | 6.53E-14 | 2580 | 6.61E-14 | 2682 | 1.67E-13 | 2784 | 2.15E-13 | 2886 | 4.37E-13 | 2988 | 6.16E-13 | 3090 | 1.66E-12 | 3192 | 2.72E-12 |
| 2072 | -3.30E-15 | 2174 | -3.83E-14 | 2276 | 1.22E-13 | 2378 | 2.54E-14 | 2480 | 4.58E-14 | 2582 | 5.52E-14 | 2684 | 1.70E-13 | 2786 | 2.04E-13 | 2888 | 5.19E-13 | 2990 | 7.31E-13 | 3092 | 1.46E-12 | 3194 | 2.60E-12 |
| 2074 | 2.51E-14 | 2176 | 1.03E-13 | 2278 | 2.32E-14 | 2380 | 1.55E-14 | 2482 | -1.13E-15 | 2584 | 5.98E-14 | 2686 | 1.79E-13 | 2788 | 2.07E-13 | 2890 | 5.54E-13 | 2992 | 8.00E-13 | 3094 | 1.31E-12 | 3196 | 2.68E-12 |
| 2076 | 2.17E-13 | 2178 | 1.25E-13 | 2280 | 1.07E-14 | 2382 | 2.38E-14 | 2484 | 2.55E-14 | 2586 | 7.46E-14 | 2688 | 1.85E-13 | 2790 | 2.17E-13 | 2892 | 5.57E-13 | 2994 | 8.05E-13 | 3096 | 1.30E-12 | 3198 | 2.86E-12 |


HD 54719 K2- III V=4.41 (B-V)=1.26 E(B-V)=0.10
LAP: LWP 5905
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (Å)

HD 66141 K2 III V=4.39 (B-V)=1.25 E(B-V)=0.09

LAP: LWP 5902

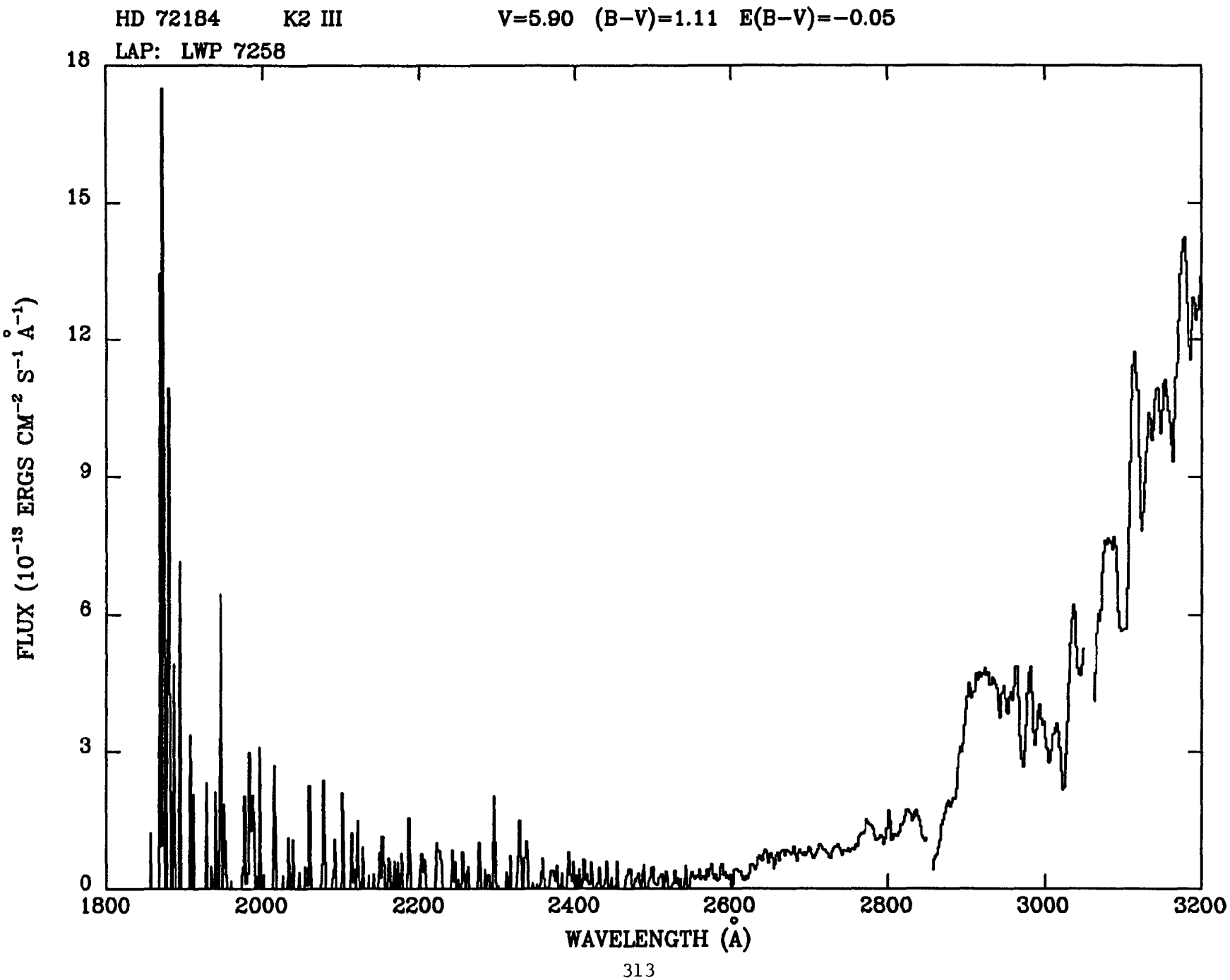
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.10E-13 | 2078 | 2.26E-13 | 2180 | -1.01E-14 | 2282 | -4.97E-14 | 2384 | 6.91E-14 | 2486 | 1.85E-14 | 2588 | 5.79E-14 | 2690 | 1.37E-13 | 2792 | 2.34E-13 | 2894 | 5.64E-13 | 2996 | 8.01E-13 | 3098 | 1.40E-12 |
| 1978 | -1.75E-14 | 2080 | 1.69E-13 | 2182 | -1.08E-13 | 2284 | -3.41E-14 | 2386 | 2.22E-14 | 2488 | 5.24E-14 | 2590 | 8.64E-14 | 2692 | 1.26E-13 | 2794 | 3.25E-13 | 2896 | 5.75E-13 | 2998 | 7.65E-13 | 3100 | 1.43E-12 |
| 1980 | -1.19E-13 | 2082 | 1.04E-15 | 2184 | -8.00E-15 | 2286 | 9.15E-14 | 2388 | 1.82E-14 | 2490 | 7.02E-14 | 2592 | 8.50E-14 | 2694 | 1.25E-13 | 2796 | 4.90E-13 | 2898 | 6.35E-13 | 3000 | 6.97E-13 | 3102 | 1.57E-12 |
| 1982 | 1.54E-13 | 2084 | 1.76E-13 | 2186 | 7.20E-14 | 2288 | 4.11E-14 | 2390 | 1.39E-14 | 2492 | 1.71E-14 | 2594 | 8.81E-14 | 2696 | 1.43E-13 | 2798 | 6.04E-13 | 2900 | 6.67E-13 | 3002 | 6.48E-13 | 3104 | 1.84E-12 |
| 1984 | 1.04E-13 | 2086 | 2.65E-13 | 2188 | 1.92E-13 | 2290 | -9.74E-14 | 2392 | 1.50E-14 | 2494 | 9.02E-15 | 2596 | 9.26E-14 | 2698 | 1.33E-13 | 2800 | 5.72E-13 | 2902 | 6.87E-13 | 3004 | 6.52E-13 | 3106 | 2.19E-12 |
| 1986 | -1.38E-13 | 2088 | 7.52E-14 | 2190 | 1.20E-13 | 2292 | -3.27E-14 | 2394 | 4.23E-14 | 2496 | 2.88E-14 | 2598 | 7.56E-14 | 2700 | 1.33E-13 | 2802 | 4.74E-13 | 2904 | 7.47E-13 | 3006 | 7.14E-13 | 3108 | 2.47E-12 |
| 1988 | -1.68E-14 | 2090 | 7.26E-14 | 2192 | -6.51E-14 | 2294 | 3.18E-14 | 2396 | 3.06E-14 | 2498 | 5.75E-15 | 2600 | 4.90E-14 | 2702 | 1.44E-13 | 2804 | 4.41E-13 | 2906 | 7.75E-13 | 3008 | 7.62E-13 | 3110 | 2.60E-12 |
| 1990 | -8.65E-15 | 2092 | 2.46E-13 | 2194 | 3.33E-14 | 2296 | 1.02E-13 | 2398 | 3.92E-14 | 2500 | -1.34E-14 | 2602 | 5.66E-14 | 2704 | 1.71E-13 | 2806 | 4.35E-13 | 2908 | 7.65E-13 | 3010 | 8.43E-13 | 3112 | 2.66E-12 |
| 1992 | -1.50E-13 | 2094 | 2.63E-13 | 2196 | -2.31E-14 | 2298 | 1.83E-13 | 2400 | 4.92E-14 | 2502 | 5.02E-14 | 2604 | 7.83E-14 | 2706 | 1.83E-13 | 2808 | 3.53E-13 | 2910 | 7.60E-13 | 3012 | 8.78E-13 | 3114 | 2.62E-12 |
| 1994 | -4.72E-14 | 2096 | 1.13E-14 | 2198 | 1.20E-14 | 2300 | 1.14E-13 | 2402 | 3.49E-14 | 2504 | 1.11E-13 | 2606 | 7.14E-14 | 2708 | 1.92E-13 | 2810 | 2.46E-13 | 2912 | 7.60E-13 | 3014 | 8.51E-13 | 3116 | 2.42E-12 |
| 1996 | 3.68E-15 | 2098 | 1.81E-14 | 2200 | 1.11E-13 | 2302 | 4.31E-14 | 2404 | 4.98E-14 | 2506 | 8.04E-14 | 2608 | 6.31E-14 | 2710 | 2.00E-13 | 2812 | 2.21E-13 | 2914 | 8.03E-13 | 3016 | 7.97E-13 | 3118 | 2.22E-12 |
| 1998 | -1.52E-13 | 2100 | -5.72E-14 | 2202 | 6.04E-14 | 2304 | -3.83E-15 | 2406 | 4.96E-14 | 2508 | 4.45E-14 | 2610 | 8.39E-14 | 2712 | 1.87E-13 | 2814 | 2.20E-13 | 2916 | 8.18E-13 | 3018 | 6.80E-13 | 3120 | 2.08E-12 |
| 2000 | -5.23E-14 | 2102 | 4.05E-15 | 2204 | 1.82E-13 | 2306 | -3.78E-14 | 2408 | 8.31E-14 | 2510 | 5.31E-14 | 2612 | 1.03E-13 | 2714 | 1.64E-13 | 2816 | 2.40E-13 | 2918 | 8.08E-13 | 3020 | 5.80E-13 | 3122 | 1.97E-12 |
| 2002 | -1.97E-13 | 2104 | 3.59E-14 | 2206 | 8.87E-14 | 2308 | 2.91E-15 | 2410 | 3.71E-14 | 2512 | 7.15E-14 | 2614 | 9.91E-14 | 2716 | 1.43E-13 | 2818 | 2.68E-13 | 2920 | 8.40E-13 | 3022 | 5.88E-13 | 3124 | 1.99E-12 |
| 2004 | -4.01E-14 | 2106 | -1.99E-14 | 2208 | -3.06E-14 | 2310 | 7.88E-14 | 2412 | 2.59E-14 | 2514 | 7.10E-14 | 2616 | 6.44E-14 | 2718 | 1.45E-13 | 2820 | 2.81E-13 | 2922 | 8.78E-13 | 3024 | 7.03E-13 | 3126 | 2.06E-12 |
| 2006 | 7.39E-14 | 2108 | 2.38E-16 | 2210 | 2.23E-14 | 2312 | 5.07E-14 | 2414 | -6.83E-15 | 2516 | 6.74E-14 | 2618 | 5.29E-14 | 2720 | 1.36E-13 | 2822 | 3.15E-13 | 2924 | 8.88E-13 | 3026 | 8.92E-13 | 3128 | 2.12E-12 |
| 2008 | -4.26E-14 | 2110 | 9.66E-14 | 2212 | -4.29E-15 | 2314 | 4.37E-14 | 2416 | -7.43E-15 | 2518 | 7.94E-14 | 2620 | 7.26E-14 | 2722 | 1.36E-13 | 2824 | 3.31E-13 | 2926 | 8.66E-13 | 3028 | 1.05E-12 | 3130 | 2.14E-12 |
| 2010 | -1.75E-13 | 2112 | 5.93E-14 | 2214 | -4.49E-14 | 2316 | 5.29E-14 | 2418 | 2.94E-14 | 2520 | 6.56E-14 | 2622 | 9.01E-14 | 2724 | 1.42E-13 | 2826 | 3.21E-13 | 2928 | 8.46E-13 | 3030 | 1.18E-12 | 3132 | 2.20E-12 |
| 2012 | -1.26E-13 | 2114 | -2.66E-14 | 2216 | 5.22E-14 | 2318 | 1.04E-13 | 2420 | 3.46E-14 | 2522 | -5.95E-15 | 2624 | 9.89E-14 | 2726 | 1.68E-13 | 2828 | 3.18E-13 | 2930 | 8.59E-13 | 3032 | 1.31E-12 | 3134 | 2.27E-12 |
| 2014 | 1.02E-13 | 2116 | 2.36E-13 | 2218 | 9.89E-14 | 2320 | -2.50E-14 | 2422 | 1.95E-14 | 2524 | -1.38E-14 | 2626 | 1.15E-13 | 2728 | 1.71E-13 | 2830 | 2.99E-13 | 2932 | 9.14E-13 | 3034 | 1.42E-12 | 3136 | 2.40E-12 |
| 2016 | 2.20E-13 | 2118 | 1.49E-13 | 2220 | 5.04E-14 | 2322 | -9.30E-14 | 2424 | 1.64E-14 | 2526 | 1.28E-14 | 2628 | 1.19E-13 | 2730 | 1.95E-13 | 2832 | 2.62E-13 | 2934 | 9.30E-13 | 3036 | 1.42E-12 | 3138 | 2.60E-12 |
| 2018 | -2.73E-14 | 2120 | 3.79E-14 | 2222 | 1.93E-14 | 2324 | -1.82E-15 | 2426 | 1.27E-14 | 2528 | 1.69E-14 | 2630 | 1.11E-13 | 2732 | 2.15E-13 | 2834 | 2.49E-13 | 2936 | 8.51E-13 | 3038 | 1.27E-12 | 3140 | 2.65E-12 |
| 2020 | -1.51E-13 | 2122 | 2.37E-13 | 2224 | 1.02E-13 | 2326 | 6.74E-14 | 2428 | 3.26E-14 | 2530 | 3.92E-15 | 2632 | 1.06E-13 | 2734 | 2.00E-13 | 2836 | 2.48E-13 | 2938 | 7.73E-13 | 3040 | 1.14E-12 | 3142 | 2.54E-12 |
| 2022 | -7.94E-14 | 2124 | -3.90E-14 | 2226 | 1.58E-13 | 2328 | 9.69E-14 | 2430 | 3.66E-14 | 2532 | 5.37E-14 | 2634 | 1.07E-13 | 2736 | 1.77E-13 | 2838 | 2.46E-13 | 2940 | 7.13E-13 | 3042 | 1.13E-12 | 3144 | 2.42E-12 |
| 2024 | 2.94E-14 | 2126 | 1.14E-14 | 2228 | 5.41E-14 | 2330 | 1.52E-13 | 2432 | 1.16E-14 | 2534 | 9.71E-14 | 2636 | 1.21E-13 | 2738 | 1.74E-13 | 2840 | 2.43E-13 | 2942 | 7.21E-13 | 3044 | 1.21E-12 | 3146 | 2.51E-12 |
| 2026 | 7.06E-14 | 2128 | 2.17E-13 | 2230 | 5.97E-14 | 2332 | 5.81E-14 | 2434 | 4.60E-14 | 2536 | 4.38E-14 | 2638 | 1.72E-13 | 2740 | 1.80E-13 | 2842 | 2.46E-13 | 2944 | 7.61E-13 | 3046 | 1.28E-12 | 3148 | 2.72E-12 |
| 2028 | 5.15E-14 | 2130 | 1.12E-13 | 2232 | 1.14E-13 | 2334 | 5.75E-14 | 2436 | -2.45E-15 | 2538 | 5.47E-15 | 2640 | 1.87E-13 | 2742 | 1.53E-13 | 2844 | 2.25E-13 | 2946 | 7.58E-13 | 3048 | 1.29E-12 | 3150 | 2.80E-12 |
| 2030 | -4.20E-14 | 2132 | -1.28E-14 | 2234 | 1.57E-14 | 2336 | 1.33E-13 | 2438 | 2.39E-14 | 2540 | 4.11E-14 | 2642 | 1.62E-13 | 2744 | 1.34E-13 | 2846 | 2.04E-13 | 2948 | 7.44E-13 | 3050 | 1.30E-12 | 3152 | 2.93E-12 |
| 2032 | 3.70E-14 | 2134 | -3.78E-15 | 2236 | 7.22E-14 | 2338 | 1.65E-13 | 2440 | 7.45E-14 | 2542 | 5.89E-14 | 2644 | | 2746 | 1.51E-13 | 2848 | | 2950 | 7.63E-13 | 3052 | | 3154 | 2.91E-12 |
| 2034 | 2.30E-15 | 2136 | -7.01E-15 | 2238 | 4.82E-14 | 2340 | 7.73E-14 | 2442 | 4.18E-14 | 2544 | 7.54E-14 | 2646 | | 2748 | 1.78E-13 | 2850 | | 2952 | 7.96E-13 | 3054 | | 3156 | 2.69E-12 |
| 2036 | 2.72E-15 | 2138 | 7.50E-14 | 2240 | 7.54E-14 | 2342 | 2.67E-15 | 2444 | 1.69E-14 | 2546 | 5.61E-14 | 2648 | 9.44E-14 | 2750 | 2.08E-13 | 2852 | | 2954 | 7.59E-13 | 3056 | | 3158 | 2.43E-12 |
| 2038 | -1.87E-13 | 2140 | -3.19E-14 | 2242 | 2.64E-14 | 2344 | 3.68E-14 | 2446 | 5.10E-14 | 2548 | 5.11E-14 | 2650 | 1.08E-13 | 2752 | 2.16E-13 | 2854 | | 2956 | 7.27E-13 | 3058 | | 3160 | 2.29E-12 |
| 2040 | -1.40E-13 | 2142 | 1.91E-14 | 2244 | -4.29E-14 | 2346 | -1.12E-14 | 2448 | 5.40E-14 | 2550 | 6.24E-14 | 2652 | 1.29E-13 | 2754 | 2.13E-13 | 2856 | 1.29E-13 | 2958 | 8.02E-13 | 3060 | | 3162 | 2.35E-12 |
| 2042 | 2.54E-14 | 2144 | 1.01E-14 | 2246 | -1.33E-14 | 2348 | -1.81E-14 | 2450 | 3.70E-14 | 2552 | 6.75E-14 | 2654 | 1.38E-13 | 2756 | 2.24E-13 | 2858 | 1.62E-13 | 2960 | 9.01E-13 | 3062 | 1.16E-12 | 3164 | 2.59E-12 |
| 2044 | 2.05E-13 | 2146 | -2.34E-15 | 2248 | 1.08E-13 | 2350 | 1.09E-13 | 2452 | 7.16E-14 | 2554 | 6.08E-14 | 2656 | 1.24E-13 | 2758 | 2.57E-13 | 2860 | 2.00E-13 | 2962 | 9.05E-13 | 3064 | 1.23E-12 | 3166 | 2.88E-12 |
| 2046 | 1.39E-13 | 2148 | -2.31E-14 | 2250 | 7.35E-14 | 2352 | 1.71E-13 | 2454 | 1.05E-13 | 2556 | 3.60E-14 | 2658 | 1.28E-13 | 2760 | 2.40E-13 | 2862 | 2.25E-13 | 2964 | 8.26E-13 | 3066 | 1.27E-12 | 3168 | 3.05E-12 |
| 2048 | 2.23E-13 | 2150 | -8.53E-14 | 2252 | -5.81E-14 | 2354 | -1.45E-15 | 2456 | 4.17E-14 | 2558 | 5.68E-14 | 2660 | 1.41E-13 | 2762 | 2.15E-13 | 2864 | 2.42E-13 | 2966 | 6.90E-13 | 3068 | 1.28E-12 | 3170 | 3.26E-12 |
| 2050 | 1.58E-13 | 2152 | -2.98E-14 | 2254 | 9.09E-14 | 2356 | -5.59E-15 | 2458 | -3.89E-15 | 2560 | 6.54E-14 | 2662 | 1.15E-13 | 2764 | 2.27E-13 | 2866 | 2.56E-13 | 2968 | 5.71E-13 | 3070 | 1.34E-12 | 3172 | 3.55E-12 |
| 2052 | -1.62E-14 | 2154 | -1.36E-15 | 2256 | 1.67E-13 | 2358 | 2.86E-14 | 2460 | -1.25E-15 | 2562 | 8.41E-14 | 2664 | 1.14E-13 | 2766 | 2.47E-13 | 2868 | 2.87E-13 | 2970 | 5.46E-13 | 3072 | 1.50E-12 | 3174 | 3.80E-12 |
| 2054 | -1.04E-13 | 2156 | 6.40E-15 | 2258 | 1.32E-13 | 2360 | 9.76E-14 | 2462 | -1.21E-14 | 2564 | 7.85E-14 | 2666 | 1.47E-13 | 2768 | 2.58E-13 | 2870 | 3.30E-13 | 2972 | 5.85E-13 | 3074 | 1.64E-12 | 3176 | 3.82E-12 |
| 2056 | 2.66E-14 | 2158 | -1.28E-14 | 2260 | 4.19E-14 | 2362 | 3.94E-14 | 2464 | -8.16E-16 | 2566 | 3.49E-14 | 2668 | 1.42E-13 | 2770 | 2.34E-13 | 2872 | 3.57E-13 | 2974 | 7.04E-13 | 3076 | 1.68E-12 | 3178 | 3.58E-12 |
| 2058 | 1.63E-13 | 2160 | 1.14E-13 | 2262 | 2.58E-14 | 2364 | -6.16E-15 | 2466 | 1.81E-15 | 2568 | 5.93E-14 | 2670 | 1.43E-13 | 2772 | 2.30E-13 | 2874 | 3.68E-13 | 2976 | 8.52E-13 | 3078 | 1.70E-12 | 3180 | 3.33E-12 |
| 2060 | 3.65E-14 | 2162 | 8.16E-14 | 2264 | 1.70E-13 | 2366 | 3.65E-14 | 2468 | 1.20E-14 | 2570 | 7.56E-14 | 2672 | 1.50E-13 | 2774 | 2.55E-13 | 2876 | 3.70E-13 | 2978 | 9.76E-13 | 3080 | 1.70E-12 | 3182 | 3.10E-12 |
| 2062 | -8.15E-15 | 2164 | 2.96E-14 | 2266 | 2.08E-13 | 2368 | 4.37E-14 | 2470 | 7.67E-14 | 2572 | 6.32E-14 | 2674 | 1.38E-13 | 2776 | 2.80E-13 | 2878 | 3.58E-13 | 2980 | 9.79E-13 | 3082 | 1.70E-12 | 3184 | 2.96E-12 |
| 2064 | 1.19E-13 | 2166 | -3.94E-14 | 2268 | 1.76E-13 | 2370 | 1.78E-14 | 2472 | 3.25E-14 | 2574 | 6.36E-14 | 2676 | 1.20E-13 | 2778 | 2.84E-13 | 2880 | 3.42E-13 | 2982 | 7.89E-13 | 3084 | 1.69E-12 | 3186 | 2.95E-12 |
| 2066 | 1.74E-13 | 2168 | -2.23E-13 | 2270 | 4.74E-14 | 2372 | 7.43E-16 | 2474 | 2.02E-14 | 2576 | 5.27E-14 | 2678 | 1.11E-13 | 2780 | 2.68E-13 | 2882 | 3.54E-13 | 2984 | 6.53E-13 | 3086 | 1.69E-12 | 3188 | 3.06E-12 |
| 2068 | 5.89E-14 | 2170 | 2.59E-14 | 2272 | 4.19E-14 | 2374 | 9.85E-15 | 2476 | 9.41E-15 | 2578 | 3.70E-14 | 2680 | 1.14E-13 | 2782 | 2.44E-13 | 2884 | 3.83E-13 | 2986 | 6.55E-13 | 3088 | 1.69E-12 | 3190 | 3.13E-12 |
| 2070 | 6.80E-16 | 2172 | -2.37E-14 | 2274 | 3.31E-14 | 2376 | 1.27E-14 | 2478 | 6.18E-14 | 2580 | 6.87E-14 | 2682 | 1.07E-13 | 2784 | 2.30E-13 | 2886 | 4.26E-13 | 2988 | 7.29E-13 | 3090 | 1.62E-12 | 3192 | 3.07E-12 |
| 2072 | -5.39E-14 | 2174 | -9.51E-14 | 2276 | 6.91E-14 | 2378 | -2.54E-15 | 2480 | 8.67E-14 | 2582 | 5.92E-14 | 2684 | 1.10E-13 | 2786 | 2.24E-13 | 2888 | 5.07E-13 | 2990 | 8.57E-13 | 3092 | 1.43E-12 | 3194 | 3.08E-12 |
| 2074 | -6.89E-14 | 2176 | 8.41E-14 | 2278 | 2.92E-14 | 2380 | 1.10E-14 | 2482 | 2.60E-14 | 2584 | 3.76E-14 | 2686 | 1.30E-13 | 2788 | 2.31E-13 | 2890 | 5.47E-13 | 2992 | 8.91E-13 | 3094 | 1.38E-12 | 3196 | 3.22E-12 |
| 2076 | 8.35E-14 | 2178 | 2.98E-13 | 2280 | -7.21E-14 | 2382 | 9.88E-14 | 2484 | 1.19E-14 | 2586 | 3.01E-14 | 2688 | 1.37E-13 | 2790 | 2.23E-13 | 2892 | 5.66E-13 | 2994 | 8.29E-13 | 3096 | 1.43E-12 | 3198 | 3.43E-12 |


HD 66141 K2 III V=4.39 (B-V)=1.25 E(B-V)=0.09
LAP: LWP 5902
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 72184 K2 III V=5.90 (B-V)=1.11 E(B-V)=-0.05**

**LAP: LWP 7258**

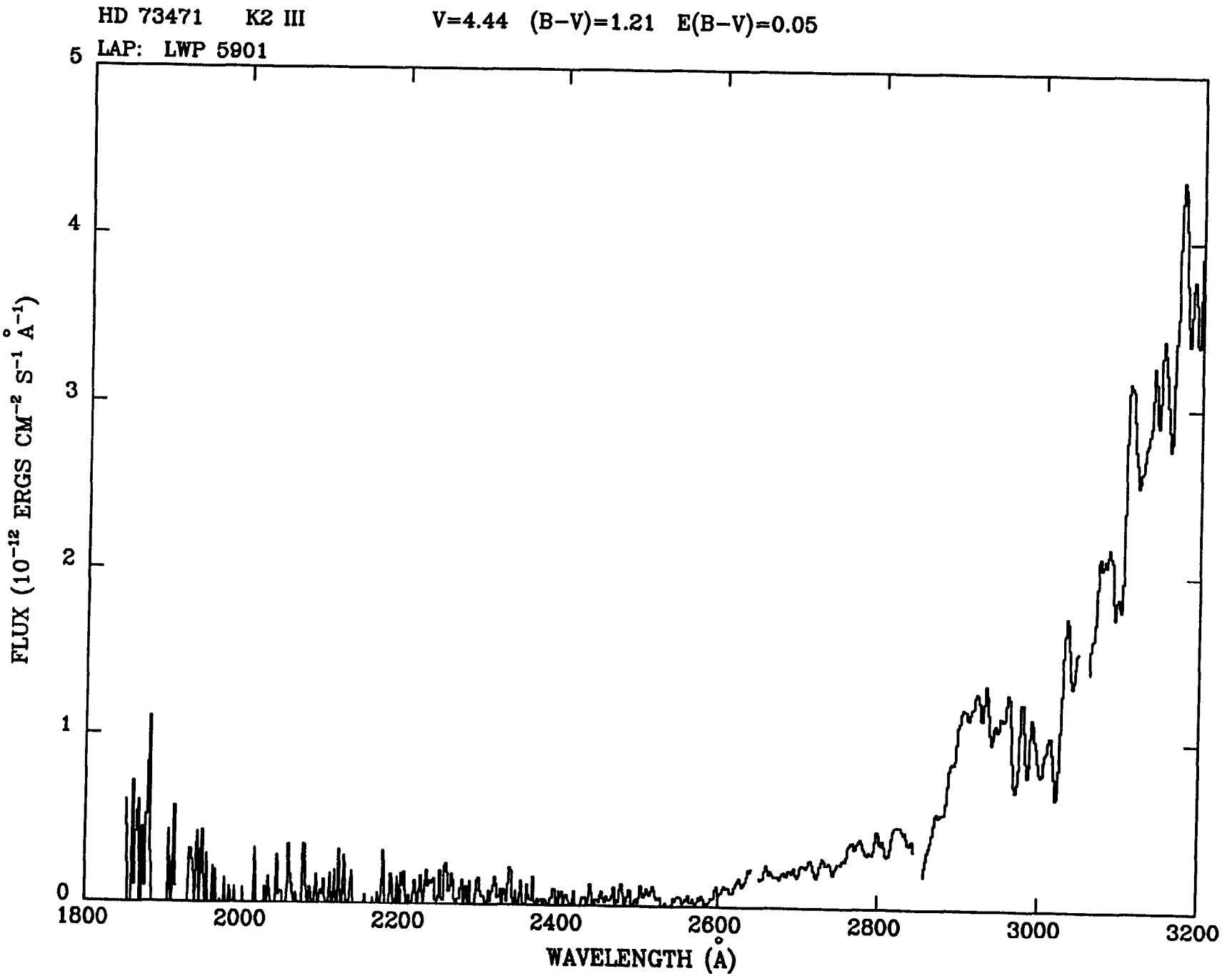
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.41E-13 | 2078 | 1.77E-13 | 2180 | -8.56E-14 | 2282 | -1.09E-14 | 2384 | 1.03E-15 | 2486 | 2.42E-14 | 2588 | 4.71E-14 | 2690 | 7.85E-14 | 2792 | 1.15E-13 | 2894 | 3.01E-13 | 2996 | 3.66E-13 | 3098 | 5.66E-13 |
| 1978 | 7.88E-14 | 2080 | -5.91E-14 | 2182 | -5.87E-14 | 2284 | 1.31E-14 | 2386 | -1.81E-14 | 2488 | 4.85E-14 | 2590 | 3.23E-14 | 2692 | 7.34E-14 | 2794 | 1.06E-13 | 2896 | 3.19E-13 | 2998 | 3.63E-13 | 3100 | 5.68E-13 |
| 1980 | 2.62E-14 | 2082 | -2.33E-13 | 2184 | 5.72E-14 | 2286 | 2.13E-14 | 2388 | 9.76E-15 | 2490 | -2.35E-14 | 2592 | 3.07E-14 | 2694 | 7.90E-14 | 2796 | 1.04E-13 | 2898 | 3.62E-13 | 3000 | 3.42E-13 | 3102 | 5.69E-13 |
| 1982 | 2.32E-13 | 2084 | -3.05E-13 | 2186 | 1.36E-13 | 2288 | 2.99E-14 | 2390 | 6.36E-14 | 2492 | -1.75E-14 | 2594 | 2.52E-14 | 2696 | 7.27E-14 | 2798 | 1.22E-13 | 2900 | 3.97E-13 | 3002 | 3.14E-13 | 3104 | 5.96E-13 |
| 1984 | 1.53E-13 | 2086 | -1.42E-13 | 2188 | 2.31E-14 | 2290 | -3.80E-14 | 2392 | 5.80E-14 | 2494 | 1.64E-14 | 2596 | 2.41E-14 | 2698 | 9.15E-14 | 2800 | 1.57E-13 | 2902 | 4.28E-13 | 3004 | 2.85E-13 | 3106 | 7.03E-13 |
| 1986 | 1.97E-13 | 2088 | 2.65E-15 | 2190 | -1.02E-13 | 2292 | -7.59E-14 | 2394 | 2.36E-14 | 2496 | 2.64E-14 | 2598 | 2.63E-14 | 2700 | 8.89E-14 | 2802 | 1.53E-13 | 2904 | 4.47E-13 | 3006 | 2.79E-13 | 3108 | 8.46E-13 |
| 1988 | 1.65E-13 | 2090 | 3.97E-14 | 2192 | -9.15E-14 | 2294 | 1.98E-13 | 2396 | 3.99E-14 | 2498 | 4.51E-14 | 2600 | 1.29E-14 | 2702 | 8.36E-14 | 2804 | 1.15E-13 | 2906 | 4.32E-13 | 3008 | 3.01E-13 | 3110 | 9.93E-13 |
| 1990 | -6.38E-14 | 2092 | 1.05E-13 | 2194 | -1.95E-14 | 2296 | 9.33E-14 | 2398 | 1.71E-14 | 2500 | 3.82E-14 | 2602 | 6.74E-15 | 2704 | 7.22E-14 | 2806 | 1.08E-13 | 2908 | 4.24E-13 | 3010 | 3.37E-13 | 3112 | 1.11E-12 |
| 1992 | -6.71E-14 | 2094 | -9.46E-14 | 2196 | -3.38E-14 | 2298 | 7.28E-15 | 2400 | -2.19E-14 | 2502 | 1.13E-14 | 2604 | 3.46E-14 | 2706 | 6.83E-14 | 2808 | 1.18E-13 | 2910 | 4.31E-13 | 3012 | 3.42E-13 | 3114 | 1.16E-12 |
| 1994 | 1.20E-13 | 2096 | -3.43E-14 | 2198 | -2.10E-14 | 2300 | -1.36E-14 | 2402 | 6.98E-15 | 2504 | 8.10E-15 | 2606 | 4.27E-14 | 2708 | 7.40E-14 | 2810 | 1.17E-13 | 2912 | 4.54E-13 | 3014 | 3.54E-13 | 3116 | 1.14E-12 |
| 1996 | 1.58E-13 | 2098 | -2.23E-14 | 2200 | 3.67E-14 | 2302 | -1.57E-14 | 2404 | 3.93E-14 | 2506 | 1.38E-14 | 2608 | 4.12E-14 | 2710 | 8.19E-14 | 2812 | 1.16E-13 | 2914 | 4.62E-13 | 3016 | 3.58E-13 | 3118 | 1.10E-12 |
| 1998 | -1.99E-13 | 2100 | 6.41E-14 | 2202 | 7.05E-14 | 2304 | -8.13E-14 | 2406 | -3.83E-14 | 2508 | 2.40E-14 | 2610 | 3.69E-14 | 2712 | 9.16E-14 | 2814 | 1.26E-13 | 2916 | 4.71E-13 | 3018 | 3.34E-13 | 3120 | 9.72E-13 |
| 2000 | -1.30E-13 | 2102 | 1.34E-13 | 2204 | 4.30E-14 | 2306 | -7.98E-14 | 2408 | 2.09E-14 | 2510 | 2.85E-14 | 2612 | 3.64E-14 | 2714 | 9.58E-14 | 2816 | 1.41E-13 | 2918 | 4.67E-13 | 3020 | 2.92E-13 | 3122 | 8.30E-13 |
| 2002 | -1.16E-13 | 2104 | -1.81E-14 | 2206 | 6.19E-14 | 2308 | -9.01E-14 | 2410 | 5.89E-14 | 2512 | 1.41E-14 | 2614 | 2.64E-14 | 2716 | 9.28E-14 | 2818 | 1.42E-13 | 2920 | 4.71E-13 | 3022 | 2.42E-13 | 3124 | 7.84E-13 |
| 2004 | -1.30E-13 | 2106 | -8.98E-14 | 2208 | -2.13E-14 | 2310 | -4.08E-14 | 2412 | 2.05E-14 | 2514 | 1.10E-14 | 2616 | 1.94E-14 | 2718 | 8.73E-14 | 2820 | 1.51E-13 | 2922 | 4.71E-13 | 3024 | 2.20E-13 | 3126 | 8.26E-13 |
| 2006 | -1.14E-13 | 2108 | -1.34E-13 | 2210 | -3.82E-14 | 2312 | -4.12E-14 | 2414 | 2.73E-14 | 2516 | 3.13E-14 | 2618 | 2.09E-14 | 2720 | 8.51E-14 | 2822 | 1.66E-13 | 2924 | 4.83E-13 | 3026 | 2.63E-13 | 3128 | 8.97E-13 |
| 2008 | -9.94E-14 | 2110 | -5.67E-14 | 2212 | -4.34E-14 | 2314 | -6.18E-15 | 2416 | 1.29E-14 | 2518 | 2.97E-14 | 2620 | 2.52E-14 | 2722 | 8.06E-14 | 2824 | 1.73E-13 | 2926 | 4.68E-13 | 3028 | 3.38E-13 | 3130 | 9.61E-13 |
| 2010 | -2.45E-13 | 2112 | 7.34E-14 | 2214 | -3.97E-14 | 2316 | 6.05E-14 | 2418 | 2.54E-14 | 2520 | -3.94E-15 | 2622 | 2.68E-14 | 2724 | 7.63E-14 | 2826 | 1.69E-13 | 2928 | 4.70E-13 | 3030 | 4.21E-13 | 3132 | 9.99E-13 |
| 2012 | -1.39E-14 | 2114 | 4.18E-14 | 2216 | -2.90E-14 | 2318 | -7.68E-14 | 2420 | 4.90E-14 | 2522 | -3.49E-15 | 2624 | 4.30E-14 | 2726 | 6.80E-14 | 2828 | 1.65E-13 | 2930 | 4.47E-13 | 3032 | 5.16E-13 | 3134 | 1.03E-12 |
| 2014 | 2.42E-13 | 2116 | 3.75E-14 | 2218 | -2.60E-14 | 2320 | -1.99E-13 | 2422 | 8.72E-15 | 2524 | 9.18E-15 | 2626 | 5.23E-14 | 2728 | 6.90E-14 | 2830 | 1.53E-13 | 2932 | 4.52E-13 | 3034 | 5.80E-13 | 3136 | 1.01E-12 |
| 2016 | 8.87E-14 | 2118 | 2.40E-15 | 2220 | 3.86E-14 | 2322 | -1.13E-13 | 2424 | -1.99E-14 | 2526 | 1.59E-14 | 2628 | 4.93E-14 | 2730 | 8.30E-14 | 2832 | 1.53E-13 | 2934 | 4.61E-13 | 3036 | 6.17E-13 | 3138 | 9.89E-13 |
| 2018 | -4.11E-14 | 2120 | 1.42E-13 | 2222 | 9.21E-14 | 2324 | -1.71E-15 | 2426 | -8.57E-16 | 2528 | 3.34E-14 | 2630 | 4.36E-14 | 2732 | 8.90E-14 | 2834 | 1.67E-13 | 2936 | 4.54E-13 | 3038 | 6.08E-13 | 3140 | 1.04E-12 |
| 2020 | -1.16E-13 | 2122 | 5.70E-14 | 2224 | 8.32E-14 | 2326 | 8.35E-14 | 2428 | 1.13E-14 | 2530 | 1.43E-14 | 2632 | 4.84E-14 | 2734 | 9.20E-14 | 2836 | 1.72E-13 | 2938 | 4.45E-13 | 3040 | 5.28E-13 | 3142 | 1.08E-12 |
| 2022 | -2.13E-13 | 2124 | -1.29E-13 | 2226 | 7.11E-14 | 2328 | 1.31E-13 | 2430 | 3.63E-14 | 2532 | 1.68E-14 | 2634 | 6.47E-14 | 2736 | 9.43E-14 | 2838 | 1.60E-13 | 2940 | 4.13E-13 | 3042 | 4.82E-13 | 3144 | 1.09E-12 |
| 2024 | -6.93E-14 | 2126 | -5.27E-14 | 2228 | 1.02E-14 | 2330 | 3.62E-14 | 2432 | 1.42E-15 | 2534 | 1.20E-14 | 2636 | 7.14E-14 | 2738 | 9.29E-14 | 2840 | 1.48E-13 | 2942 | 3.81E-13 | 3044 | 4.70E-13 | 3146 | 1.06E-12 |
| 2026 | -6.71E-14 | 2128 | 5.18E-14 | 2230 | -3.25E-14 | 2332 | -6.14E-15 | 2434 | -2.88E-15 | 2536 | 1.23E-14 | 2638 | 6.31E-14 | 2740 | 8.55E-14 | 2842 | 1.33E-13 | 2944 | 4.09E-13 | 3046 | 4.74E-13 | 3148 | 1.01E-12 |
| 2028 | -1.25E-13 | 2130 | -9.11E-14 | 2232 | -8.50E-14 | 2334 | 6.80E-14 | 2436 | 8.65E-15 | 2538 | -8.80E-15 | 2640 | 6.25E-14 | 2742 | 7.72E-14 | 2844 | 1.14E-13 | 2946 | 4.30E-13 | 3048 | 5.03E-13 | 3150 | 1.04E-12 |
| 2030 | -5.69E-15 | 2132 | -1.32E-13 | 2234 | -1.77E-13 | 2336 | 8.54E-14 | 2438 | 2.11E-14 | 2540 | 6.62E-15 | 2642 | 7.74E-14 | 2744 | 8.13E-14 | 2846 | 1.08E-13 | 2948 | 4.42E-13 | 3050 | 5.25E-13 | 3152 | 1.10E-12 |
| 2032 | 9.78E-14 | 2134 | -4.19E-14 | 2236 | -1.33E-13 | 2338 | 4.27E-14 | 2440 | 4.81E-14 | 2542 | 4.02E-14 | 2644 | 8.42E-14 | 2746 | 8.30E-14 | 2848 | 1.06E-13 | 2950 | 4.21E-13 | 3052 | | 3154 | 1.11E-12 |
| 2034 | -8.34E-14 | 2136 | -9.23E-14 | 2238 | -4.15E-14 | 2340 | -4.32E-14 | 2442 | -1.32E-14 | 2544 | 4.93E-15 | 2646 | 7.34E-14 | 2748 | 8.19E-14 | 2850 | 1.10E-13 | 2952 | 3.89E-13 | 3054 | | 3156 | 1.07E-12 |
| 2036 | 3.68E-14 | 2138 | -1.80E-13 | 2240 | 4.94E-14 | 2342 | -2.93E-14 | 2444 | -2.02E-15 | 2546 | -1.14E-14 | 2648 | 6.03E-14 | 2750 | 8.76E-14 | 2852 | | 2954 | 3.86E-13 | 3056 | | 3158 | 1.04E-12 |
| 2038 | 6.34E-14 | 2140 | -3.27E-14 | 2242 | 6.66E-14 | 2344 | 6.89E-15 | 2446 | 1.79E-14 | 2548 | 2.40E-14 | 2650 | 7.20E-14 | 2752 | 8.15E-14 | 2854 | | 2956 | 4.21E-13 | 3058 | | 3160 | 1.01E-12 |
| 2040 | -1.84E-13 | 2142 | -1.13E-14 | 2244 | 2.85E-14 | 2346 | -1.41E-15 | 2448 | -3.90E-15 | 2550 | 3.58E-14 | 2652 | 7.11E-14 | 2754 | 8.69E-14 | 2856 | 4.06E-14 | 2958 | 4.27E-13 | 3060 | | 3162 | 9.59E-13 |
| 2042 | -1.60E-13 | 2144 | -3.27E-14 | 2246 | 1.59E-14 | 2348 | -1.03E-14 | 2450 | -6.90E-15 | 2552 | 2.75E-14 | 2654 | 5.36E-14 | 2756 | 8.75E-14 | 2858 | 5.56E-14 | 2960 | 4.21E-13 | 3062 | 4.11E-13 | 3164 | 9.66E-13 |
| 2044 | -3.21E-14 | 2146 | -2.90E-14 | 2248 | -2.57E-14 | 2350 | 7.80E-15 | 2452 | 3.60E-14 | 2554 | 2.17E-14 | 2656 | 4.99E-14 | 2758 | 8.77E-14 | 2860 | 6.87E-14 | 2962 | 4.58E-13 | 3064 | 4.64E-13 | 3166 | 1.07E-12 |
| 2046 | 2.18E-14 | 2148 | 6.83E-14 | 2250 | -2.24E-14 | 2352 | -4.81E-14 | 2454 | 1.32E-14 | 2556 | 2.72E-14 | 2658 | 6.65E-14 | 2760 | 9.45E-14 | 2862 | 7.34E-14 | 2964 | 4.87E-13 | 3066 | 5.51E-13 | 3168 | 1.13E-12 |
| 2048 | -4.37E-14 | 2150 | 3.15E-14 | 2252 | -2.25E-14 | 2354 | 1.60E-14 | 2456 | -6.43E-15 | 2558 | 2.90E-14 | 2660 | 7.64E-14 | 2762 | 9.94E-14 | 2864 | 8.72E-14 | 2966 | 4.56E-13 | 3068 | 5.99E-13 | 3170 | 1.20E-12 |
| 2050 | -4.49E-14 | 2152 | 1.07E-13 | 2254 | 5.30E-14 | 2356 | 4.26E-14 | 2458 | -9.23E-16 | 2560 | 3.48E-14 | 2662 | 6.38E-14 | 2764 | 1.15E-13 | 2866 | 1.05E-13 | 2968 | 3.72E-13 | 3070 | 5.89E-13 | 3172 | 1.31E-12 |
| 2052 | 2.61E-14 | 2154 | 4.49E-14 | 2256 | 5.00E-14 | 2358 | 5.52E-14 | 2460 | -1.93E-15 | 2562 | 2.18E-14 | 2664 | 7.61E-14 | 2766 | 1.20E-13 | 2868 | 1.41E-13 | 2970 | 3.04E-13 | 3072 | 6.23E-13 | 3174 | 1.38E-12 |
| 2054 | 4.54E-14 | 2156 | -1.13E-14 | 2258 | 7.38E-15 | 2360 | 1.65E-14 | 2462 | -8.05E-15 | 2564 | 2.60E-14 | 2666 | 8.27E-14 | 2768 | 1.21E-13 | 2870 | 1.53E-13 | 2972 | 2.73E-13 | 3074 | 7.03E-13 | 3176 | 1.41E-12 |
| 2056 | 1.83E-14 | 2158 | -2.20E-14 | 2260 | 3.05E-14 | 2362 | -5.64E-15 | 2464 | 2.49E-14 | 2566 | 2.26E-14 | 2668 | 8.32E-14 | 2770 | 1.24E-13 | 2872 | 1.68E-13 | 2974 | 2.93E-13 | 3076 | 7.44E-13 | 3178 | 1.42E-12 |
| 2058 | 1.71E-13 | 2160 | 6.45E-14 | 2262 | 4.62E-14 | 2364 | -3.52E-14 | 2466 | 3.01E-14 | 2568 | 3.07E-14 | 2670 | 7.38E-14 | 2772 | 1.43E-13 | 2874 | 1.81E-13 | 2976 | 3.47E-13 | 3078 | 7.59E-13 | 3180 | 1.38E-12 |
| 2060 | 7.54E-14 | 2162 | 1.54E-14 | 2264 | -2.71E-14 | 2366 | -7.65E-15 | 2468 | 4.15E-14 | 2570 | 3.14E-14 | 2672 | 8.47E-14 | 2774 | 1.47E-13 | 2876 | 1.89E-13 | 2978 | 4.17E-13 | 3080 | 7.59E-13 | 3182 | 1.28E-12 |
| 2062 | -9.54E-14 | 2164 | -2.32E-14 | 2266 | -2.12E-14 | 2368 | 3.39E-14 | 2470 | 3.73E-14 | 2572 | 3.86E-14 | 2674 | 8.18E-14 | 2776 | 1.42E-13 | 2878 | 1.88E-13 | 2980 | 4.69E-13 | 3082 | 7.64E-13 | 3184 | 1.18E-12 |
| 2064 | -1.01E-13 | 2166 | 3.03E-14 | 2268 | -2.52E-14 | 2370 | 3.96E-14 | 2472 | 6.56E-15 | 2574 | 5.15E-14 | 2676 | 7.80E-14 | 2778 | 1.40E-13 | 2880 | 1.84E-13 | 2982 | 4.83E-13 | 3084 | 7.58E-13 | 3186 | 1.17E-12 |
| 2066 | -1.21E-13 | 2168 | -1.26E-14 | 2270 | -3.14E-14 | 2372 | 3.06E-14 | 2474 | 5.09E-15 | 2576 | 3.42E-14 | 2678 | 7.66E-14 | 2780 | 1.37E-13 | 2882 | 1.95E-13 | 2984 | 4.21E-13 | 3086 | 7.47E-13 | 3188 | 1.24E-12 |
| 2068 | -5.96E-14 | 2170 | 2.49E-14 | 2272 | -5.35E-14 | 2374 | 1.91E-14 | 2476 | 1.87E-14 | 2578 | 2.31E-14 | 2680 | 8.47E-14 | 2782 | 1.30E-13 | 2884 | 1.98E-13 | 2986 | 3.40E-13 | 3088 | 7.61E-13 | 3190 | 1.29E-12 |
| 2070 | -1.58E-13 | 2172 | 5.64E-15 | 2274 | 3.36E-14 | 2376 | 4.52E-14 | 2478 | 1.87E-14 | 2580 | 3.01E-14 | 2682 | 8.20E-14 | 2784 | 1.14E-13 | 2886 | 2.11E-13 | 2988 | 3.24E-13 | 3090 | 7.54E-13 | 3192 | 1.27E-12 |
| 2072 | -5.49E-14 | 2174 | 2.45E-14 | 2276 | 8.42E-14 | 2378 | -1.61E-14 | 2480 | 2.84E-14 | 2582 | 1.83E-14 | 2684 | 6.54E-14 | 2786 | 1.07E-13 | 2888 | 2.54E-13 | 2990 | 3.61E-13 | 3092 | 7.03E-13 | 3194 | 1.25E-12 |
| 2074 | 2.55E-14 | 2176 | 7.02E-14 | 2278 | 5.08E-15 | 2380 | -3.53E-14 | 2482 | 2.11E-14 | 2584 | 2.51E-14 | 2686 | 7.13E-14 | 2788 | 1.08E-13 | 2890 | 2.90E-13 | 2992 | 3.94E-13 | 3094 | 6.16E-13 | 3196 | 1.28E-12 |
| 2076 | 1.36E-13 | 2178 | -5.53E-14 | 2280 | -7.66E-14 | 2382 | 3.06E-14 | 2484 | -4.32E-15 | 2586 | 4.90E-14 | 2688 | 8.29E-14 | 2790 | 1.13E-13 | 2892 | 3.09E-13 | 2994 | 3.89E-13 | 3096 | 5.74E-13 | 3198 | 1.32E-12 |


HD 72184 K2 III V=5.90 (B−V)=1.11 E(B−V)=−0.05
LAP: LWP 7258
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
0
3
6
9
12
15
18
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (A)

**HD 73471 K2 III V=4.44 (B-V)=1.21 E(B-V)=0.05**

**LAP: LWP 5901**

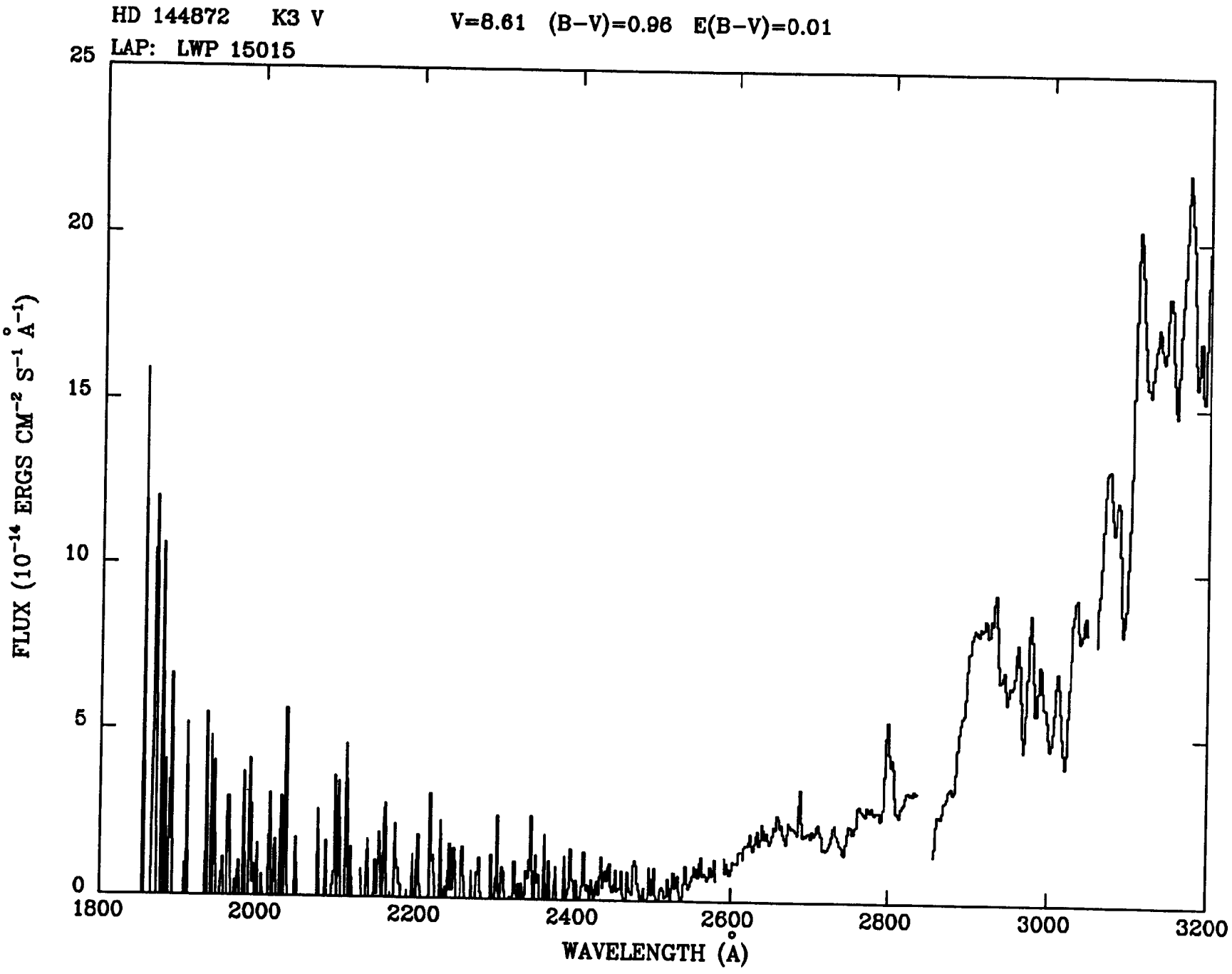
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 3.32E-14 | 2078 | 3.45E-13 | 2180 | -2.98E-14 | 2282 | 8.18E-14 | 2384 | 2.72E-14 | 2486 | 4.67E-14 | 2588 | 2.06E-14 | 2690 | 2.14E-13 | 2792 | 3.20E-13 | 2894 | 8.62E-13 | 2996 | 9.91E-13 | 3098 | 1.87E-12 |
| 1978 | -1.30E-14 | 2080 | 2.07E-13 | 2182 | -9.21E-14 | 2284 | 3.16E-14 | 2386 | -3.66E-15 | 2488 | 8.41E-14 | 2590 | 3.66E-14 | 2692 | 2.02E-13 | 2794 | 3.31E-13 | 2896 | 8.87E-13 | 2998 | 9.22E-13 | 3100 | 1.81E-12 |
| 1980 | -1.91E-13 | 2082 | -1.50E-14 | 2184 | -3.09E-14 | 2286 | 9.92E-14 | 2388 | 1.26E-14 | 2490 | 9.26E-14 | 2592 | 5.06E-14 | 2694 | 2.16E-13 | 2796 | 3.74E-13 | 2898 | 9.97E-13 | 3000 | 8.38E-13 | 3102 | 1.84E-12 |
| 1982 | 1.15E-14 | 2084 | 4.38E-14 | 2186 | 8.51E-14 | 2288 | 3.62E-14 | 2390 | 4.31E-14 | 2492 | 1.79E-14 | 2594 | 4.87E-14 | 2696 | 2.27E-13 | 2798 | 4.31E-13 | 2900 | 1.09E-12 | 3002 | 8.02E-13 | 3104 | 2.09E-12 |
| 1984 | 6.70E-14 | 2086 | 8.83E-14 | 2188 | 1.63E-13 | 2290 | -6.38E-14 | 2392 | 6.82E-14 | 2494 | 8.41E-15 | 2596 | 7.87E-14 | 2698 | 1.88E-13 | 2800 | 4.40E-13 | 2902 | 1.13E-12 | 3004 | 8.05E-13 | 3106 | 2.53E-12 |
| 1986 | -2.14E-13 | 2088 | -3.09E-14 | 2190 | 2.79E-14 | 2292 | -4.98E-14 | 2394 | 9.52E-14 | 2496 | 3.75E-14 | 2598 | 1.12E-13 | 2700 | 1.82E-13 | 2802 | 3.94E-13 | 2904 | 1.18E-12 | 3006 | 8.73E-13 | 3108 | 2.93E-12 |
| 1988 | -5.03E-14 | 2090 | -1.99E-14 | 2192 | -1.30E-13 | 2294 | 7.61E-14 | 2396 | 4.72E-14 | 2498 | 4.03E-14 | 2600 | 8.56E-14 | 2702 | 2.05E-13 | 2804 | 3.75E-13 | 2906 | 1.19E-12 | 3008 | 9.26E-13 | 3110 | 3.13E-12 |
| 1990 | 6.83E-14 | 2092 | 8.60E-14 | 2194 | 3.92E-14 | 2296 | 1.44E-13 | 2398 | 3.22E-14 | 2500 | 2.51E-14 | 2602 | 7.20E-14 | 2704 | 2.39E-13 | 2806 | 3.97E-13 | 2908 | 1.19E-12 | 3010 | 9.50E-13 | 3112 | 3.14E-12 |
| 1992 | -1.26E-13 | 2094 | 1.54E-13 | 2196 | 5.56E-14 | 2298 | 1.43E-13 | 2400 | 4.69E-14 | 2502 | 7.17E-14 | 2604 | 8.22E-14 | 2706 | 2.48E-13 | 2808 | 3.69E-13 | 2910 | 1.16E-12 | 3012 | 1.01E-12 | 3114 | 3.12E-12 |
| 1994 | -1.24E-13 | 2096 | -4.88E-14 | 2198 | 6.50E-14 | 2300 | 7.01E-14 | 2402 | 5.69E-14 | 2504 | 1.05E-13 | 2606 | 1.02E-13 | 2708 | 2.42E-13 | 2810 | 3.18E-13 | 2912 | 1.14E-12 | 3014 | 1.03E-12 | 3116 | 3.00E-12 |
| 1996 | -3.04E-14 | 2098 | 5.72E-14 | 2200 | 1.60E-13 | 2302 | 5.06E-14 | 2404 | 7.93E-14 | 2506 | 7.01E-14 | 2608 | 1.21E-13 | 2710 | 2.33E-13 | 2812 | 3.11E-13 | 2914 | 1.16E-12 | 3016 | 1.01E-12 | 3118 | 2.80E-12 |
| 1998 | -1.42E-13 | 2100 | 6.84E-14 | 2202 | 1.21E-13 | 2304 | 4.98E-14 | 2406 | 1.80E-14 | 2508 | 6.03E-14 | 2610 | 1.07E-13 | 2712 | 2.41E-13 | 2814 | 3.23E-13 | 2916 | 1.19E-12 | 3018 | 8.93E-13 | 3120 | 2.69E-12 |
| 2000 | -8.31E-14 | 2102 | 8.05E-14 | 2204 | 1.75E-13 | 2306 | -1.83E-14 | 2408 | 5.18E-14 | 2510 | 8.64E-14 | 2612 | 1.13E-13 | 2714 | 2.68E-13 | 2816 | 3.71E-13 | 2918 | 1.20E-12 | 3020 | 7.45E-13 | 3122 | 2.56E-12 |
| 2002 | -1.82E-13 | 2104 | 9.36E-14 | 2206 | 8.33E-14 | 2308 | -3.54E-14 | 2410 | 6.09E-14 | 2512 | 8.81E-14 | 2614 | 1.06E-13 | 2716 | 2.81E-13 | 2818 | 4.28E-13 | 2920 | 1.26E-12 | 3022 | 6.64E-13 | 3124 | 2.57E-12 |
| 2004 | -1.63E-13 | 2106 | -7.54E-15 | 2208 | -9.18E-14 | 2310 | 5.55E-14 | 2412 | 3.02E-14 | 2514 | 7.12E-14 | 2616 | 8.33E-14 | 2718 | 2.61E-13 | 2820 | 4.65E-13 | 2922 | 1.29E-12 | 3024 | 7.46E-13 | 3126 | 2.62E-12 |
| 2006 | -3.26E-14 | 2108 | -4.36E-14 | 2210 | 4.71E-14 | 2312 | 3.99E-14 | 2414 | -1.59E-14 | 2516 | 8.44E-14 | 2618 | 8.29E-14 | 2720 | 2.23E-13 | 2822 | 4.81E-13 | 2924 | 1.28E-12 | 3026 | 9.65E-13 | 3128 | 2.64E-12 |
| 2008 | -1.85E-13 | 2110 | 8.96E-14 | 2212 | -2.76E-16 | 2314 | 5.75E-14 | 2416 | -2.76E-14 | 2518 | 1.11E-13 | 2620 | 9.71E-14 | 2722 | 1.90E-13 | 2824 | 4.86E-13 | 2926 | 1.23E-12 | 3028 | 1.20E-12 | 3130 | 2.71E-12 |
| 2010 | -2.28E-13 | 2112 | 1.01E-13 | 2214 | -1.45E-14 | 2316 | 1.02E-13 | 2418 | 5.51E-14 | 2520 | 9.85E-14 | 2622 | 1.26E-13 | 2724 | 1.80E-13 | 2826 | 4.83E-13 | 2928 | 1.14E-12 | 3030 | 1.43E-12 | 3132 | 2.77E-12 |
| 2012 | -2.04E-13 | 2114 | -6.67E-14 | 2216 | 8.72E-14 | 2318 | 1.53E-13 | 2420 | 5.29E-14 | 2522 | 6.08E-14 | 2624 | 1.44E-13 | 2726 | 2.07E-13 | 2828 | 4.83E-13 | 2930 | 1.16E-12 | 3032 | 1.61E-12 | 3134 | 2.81E-12 |
| 2014 | 6.90E-14 | 2116 | 1.30E-13 | 2218 | 1.12E-13 | 2320 | 1.26E-13 | 2422 | 3.28E-15 | 2524 | 4.19E-14 | 2626 | 1.60E-13 | 2728 | 2.48E-13 | 2830 | 4.66E-13 | 2932 | 1.26E-12 | 3034 | 1.73E-12 | 3136 | 2.86E-12 |
| 2016 | 2.03E-13 | 2118 | 7.01E-14 | 2220 | 2.62E-14 | 2322 | 4.83E-14 | 2424 | -2.17E-14 | 2526 | 4.84E-14 | 2628 | 1.48E-13 | 2730 | 2.76E-13 | 2832 | 4.44E-13 | 2934 | 1.32E-12 | 3036 | 1.72E-12 | 3138 | 2.97E-12 |
| 2018 | -5.34E-14 | 2120 | -8.58E-14 | 2222 | 2.92E-14 | 2324 | 5.47E-14 | 2426 | -3.44E-14 | 2528 | 4.24E-14 | 2630 | 1.25E-13 | 2732 | 2.87E-13 | 2834 | 4.50E-13 | 2936 | 1.24E-12 | 3038 | 1.57E-12 | 3140 | 3.17E-12 |
| 2020 | -1.55E-13 | 2122 | 3.02E-13 | 2224 | 1.29E-13 | 2326 | 7.98E-14 | 2428 | 1.24E-14 | 2530 | -8.03E-15 | 2632 | 1.29E-13 | 2734 | 2.67E-13 | 2836 | 4.21E-13 | 2938 | 1.12E-12 | 3040 | 1.38E-12 | 3142 | 3.20E-12 |
| 2022 | -1.10E-13 | 2124 | 4.62E-14 | 2226 | 1.05E-13 | 2328 | 3.24E-14 | 2430 | 4.79E-14 | 2532 | -2.06E-14 | 2634 | 1.44E-13 | 2736 | 2.50E-13 | 2838 | 3.82E-13 | 2940 | 1.02E-12 | 3042 | 1.34E-12 | 3144 | 3.01E-12 |
| 2024 | -1.70E-14 | 2126 | -5.15E-14 | 2228 | 1.65E-14 | 2330 | 8.35E-14 | 2432 | 4.68E-14 | 2534 | 1.75E-14 | 2636 | 1.74E-13 | 2738 | 2.59E-13 | 2840 | 3.76E-13 | 2942 | 1.01E-12 | 3044 | 1.39E-12 | 3146 | 2.91E-12 |
| 2026 | -5.91E-16 | 2128 | 2.15E-13 | 2230 | 1.01E-13 | 2332 | 5.10E-14 | 2434 | 5.09E-14 | 2536 | -4.20E-15 | 2638 | 2.12E-13 | 2740 | 2.61E-13 | 2842 | 3.97E-13 | 2944 | 1.06E-12 | 3046 | 1.47E-12 | 3148 | 3.02E-12 |
| 2028 | 7.07E-14 | 2130 | 1.82E-13 | 2232 | 1.85E-13 | 2334 | 6.82E-14 | 2436 | -2.18E-14 | 2538 | -2.35E-14 | 2640 | 2.07E-13 | 2742 | 2.35E-13 | 2844 | 3.85E-13 | 2946 | 1.10E-12 | 3048 | 1.53E-12 | 3150 | 3.27E-12 |
| 2030 | 1.81E-15 | 2132 | -2.72E-14 | 2234 | 1.13E-13 | 2336 | 1.74E-13 | 2438 | 6.42E-14 | 2540 | -1.19E-15 | 2642 | 2.22E-13 | 2744 | 2.05E-13 | 2846 | 3.43E-13 | 2948 | 1.07E-12 | 3050 | 1.54E-12 | 3152 | 3.40E-12 |
| 2032 | 1.23E-13 | 2134 | -4.96E-15 | 2236 | 1.34E-13 | 2338 | 2.09E-13 | 2440 | 1.19E-13 | 2542 | 4.18E-15 | 2644 | | 2746 | 2.18E-13 | 2848 | | 2950 | 1.08E-12 | 3052 | | 3154 | 3.33E-12 |
| 2034 | 8.31E-14 | 2136 | 6.11E-14 | 2238 | 1.23E-13 | 2340 | 1.05E-13 | 2442 | 6.46E-14 | 2544 | 3.81E-14 | 2646 | | 2748 | 2.36E-13 | 2850 | | 2952 | 1.14E-12 | 3054 | | 3156 | 3.19E-12 |
| 2036 | -2.40E-14 | 2138 | 1.69E-13 | 2240 | 1.39E-13 | 2342 | 4.80E-15 | 2444 | 6.90E-15 | 2546 | 3.14E-14 | 2648 | | 2750 | 2.59E-13 | 2852 | | 2954 | 1.14E-12 | 3056 | | 3158 | 3.00E-12 |
| 2038 | -1.80E-13 | 2140 | 7.41E-15 | 2242 | 1.19E-13 | 2344 | 6.03E-14 | 2446 | 1.53E-14 | 2548 | 4.70E-14 | 2650 | 1.70E-13 | 2752 | 2.60E-13 | 2854 | | 2956 | 1.13E-12 | 3058 | | 3160 | 2.85E-12 |
| 2040 | -1.87E-13 | 2142 | -5.83E-14 | 2244 | 2.21E-14 | 2346 | 3.38E-15 | 2448 | 3.80E-14 | 2550 | 5.66E-14 | 2652 | 1.66E-13 | 2754 | 2.59E-13 | 2856 | 1.92E-13 | 2958 | 1.16E-12 | 3060 | | 3162 | 2.77E-12 |
| 2042 | 6.80E-14 | 2144 | -7.28E-14 | 2246 | 2.87E-14 | 2348 | -1.41E-14 | 2450 | 2.84E-14 | 2552 | 5.47E-14 | 2654 | 1.65E-13 | 2756 | 2.82E-13 | 2858 | 2.26E-13 | 2960 | 1.24E-12 | 3062 | 1.42E-12 | 3164 | 2.93E-12 |
| 2044 | 2.11E-13 | 2146 | -1.45E-14 | 2248 | 1.14E-13 | 2350 | 6.64E-14 | 2452 | 4.31E-14 | 2554 | 4.61E-14 | 2656 | 1.71E-13 | 2758 | 2.84E-13 | 2860 | 2.82E-13 | 2962 | 1.28E-12 | 3064 | 1.54E-12 | 3166 | 3.27E-12 |
| 2046 | 5.55E-14 | 2148 | 9.17E-16 | 2250 | 1.15E-13 | 2352 | 1.35E-13 | 2454 | 7.44E-14 | 2556 | 1.82E-14 | 2658 | 2.01E-13 | 2760 | 2.86E-13 | 2862 | 3.29E-13 | 2964 | 1.20E-12 | 3066 | 1.61E-12 | 3168 | 3.48E-12 |
| 2048 | 6.81E-14 | 2150 | -8.68E-14 | 2252 | 2.92E-14 | 2354 | -1.13E-14 | 2456 | 5.77E-14 | 2558 | 3.01E-14 | 2660 | 2.40E-13 | 2762 | 3.25E-13 | 2864 | 3.60E-13 | 2966 | 1.00E-12 | 3068 | 1.63E-12 | 3170 | 3.78E-12 |
| 2050 | 3.75E-14 | 2152 | -1.51E-14 | 2254 | 1.45E-13 | 2356 | -6.77E-15 | 2458 | 2.47E-14 | 2560 | 4.16E-14 | 2662 | 2.23E-13 | 2764 | 3.65E-13 | 2866 | 3.92E-13 | 2968 | 8.03E-13 | 3070 | 1.74E-12 | 3172 | 4.15E-12 |
| 2052 | -5.09E-14 | 2154 | 2.39E-14 | 2256 | 2.35E-13 | 2358 | 3.71E-14 | 2460 | 5.00E-14 | 2562 | 4.51E-14 | 2664 | 1.95E-13 | 2766 | 3.78E-13 | 2868 | 4.42E-13 | 2970 | 7.14E-13 | 3072 | 1.96E-12 | 3174 | 4.33E-12 |
| 2054 | -6.05E-14 | 2156 | 9.14E-15 | 2258 | 1.98E-13 | 2360 | 9.79E-14 | 2462 | 3.86E-14 | 2564 | 4.58E-14 | 2666 | 2.10E-13 | 2768 | 3.88E-13 | 2870 | 5.09E-13 | 2972 | 7.34E-13 | 3074 | 2.10E-12 | 3176 | 4.33E-12 |
| 2056 | 6.21E-14 | 2158 | -8.60E-14 | 2260 | 9.79E-14 | 2362 | 5.10E-14 | 2464 | 3.22E-14 | 2566 | 2.36E-14 | 2668 | 1.94E-13 | 2770 | 3.65E-13 | 2872 | 5.59E-13 | 2974 | 8.21E-13 | 3076 | 2.09E-12 | 3178 | 4.12E-12 |
| 2058 | 2.84E-13 | 2160 | -1.59E-14 | 2262 | 1.01E-13 | 2364 | 3.37E-14 | 2466 | 4.25E-14 | 2568 | 3.69E-14 | 2670 | 1.81E-13 | 2772 | 3.51E-13 | 2874 | 5.62E-13 | 2976 | 1.01E-12 | 3078 | 2.05E-12 | 3180 | 3.79E-12 |
| 2060 | 1.94E-13 | 2162 | -5.34E-14 | 2264 | 1.74E-13 | 2366 | 1.04E-13 | 2468 | 6.52E-14 | 2570 | 2.94E-14 | 2672 | 1.82E-13 | 2774 | 3.74E-13 | 2876 | 5.48E-13 | 2978 | 1.20E-12 | 3080 | 2.08E-12 | 3182 | 3.51E-12 |
| 2062 | 1.18E-13 | 2164 | -4.12E-14 | 2266 | 1.35E-13 | 2368 | 8.15E-14 | 2470 | 9.44E-14 | 2572 | 1.77E-14 | 2674 | 1.83E-13 | 2776 | 3.93E-13 | 2878 | 5.54E-13 | 2980 | 1.23E-12 | 3082 | 2.09E-12 | 3184 | 3.41E-12 |
| 2064 | 5.33E-14 | 2166 | -2.04E-14 | 2268 | 2.67E-14 | 2370 | 7.89E-15 | 2472 | 1.86E-14 | 2574 | 2.63E-14 | 2676 | 1.76E-13 | 2778 | 4.06E-13 | 2880 | 5.63E-13 | 2982 | 1.07E-12 | 3084 | 2.10E-12 | 3186 | 3.59E-12 |
| 2066 | -8.23E-15 | 2168 | -2.44E-13 | 2270 | 1.78E-14 | 2372 | 2.79E-14 | 2474 | 3.10E-14 | 2576 | 5.11E-14 | 2678 | 1.75E-13 | 2780 | 3.90E-13 | 2882 | 5.64E-13 | 2984 | 8.73E-13 | 3086 | 2.15E-12 | 3188 | 3.74E-12 |
| 2068 | 4.50E-14 | 2170 | -5.84E-14 | 2272 | 3.42E-14 | 2374 | 2.03E-14 | 2476 | 4.88E-14 | 2578 | 4.20E-14 | 2680 | 1.92E-13 | 2782 | 3.56E-13 | 2884 | 6.00E-13 | 2986 | 8.06E-13 | 3088 | 2.13E-12 | 3190 | 3.73E-12 |
| 2070 | -1.87E-14 | 2172 | 9.02E-16 | 2274 | 5.45E-14 | 2376 | 3.11E-14 | 2478 | 1.11E-13 | 2580 | 6.22E-14 | 2682 | 2.03E-13 | 2784 | 3.41E-13 | 2886 | 6.95E-13 | 2988 | 9.05E-13 | 3090 | 2.10E-12 | 3192 | 3.55E-12 |
| 2072 | -6.69E-15 | 2174 | -5.32E-14 | 2276 | 1.13E-13 | 2378 | 3.55E-14 | 2480 | 1.03E-13 | 2582 | 4.22E-14 | 2684 | 1.94E-13 | 2786 | 3.20E-13 | 2888 | 8.03E-13 | 2990 | 1.07E-12 | 3092 | 1.89E-12 | 3194 | 3.39E-12 |
| 2074 | -2.20E-14 | 2176 | 1.10E-13 | 2278 | 7.97E-14 | 2380 | 6.87E-15 | 2482 | 2.43E-14 | 2584 | 8.67E-15 | 2686 | 1.86E-13 | 2788 | 3.20E-13 | 2890 | 8.51E-13 | 2992 | 1.13E-12 | 3094 | 1.76E-12 | 3196 | 3.51E-12 |
| 2076 | 1.55E-13 | 2178 | 3.04E-13 | 2280 | 2.46E-14 | 2382 | 3.53E-14 | 2484 | 9.20E-15 | 2586 | 1.90E-14 | 2688 | 2.06E-13 | 2790 | 3.28E-13 | 2892 | 8.67E-13 | 2994 | 1.06E-12 | 3096 | 1.85E-12 | 3198 | 3.79E-12 |


HD 73471 K2 III V=4.44 (B-V)=1.21 E(B-V)=0.05
LAP: LWP 5901
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH ($\AA$)

**HD 144872 K3 V V=8.61 (B-V)=0.96 E(B-V)=0.01**

**LAP: LWP 15015**

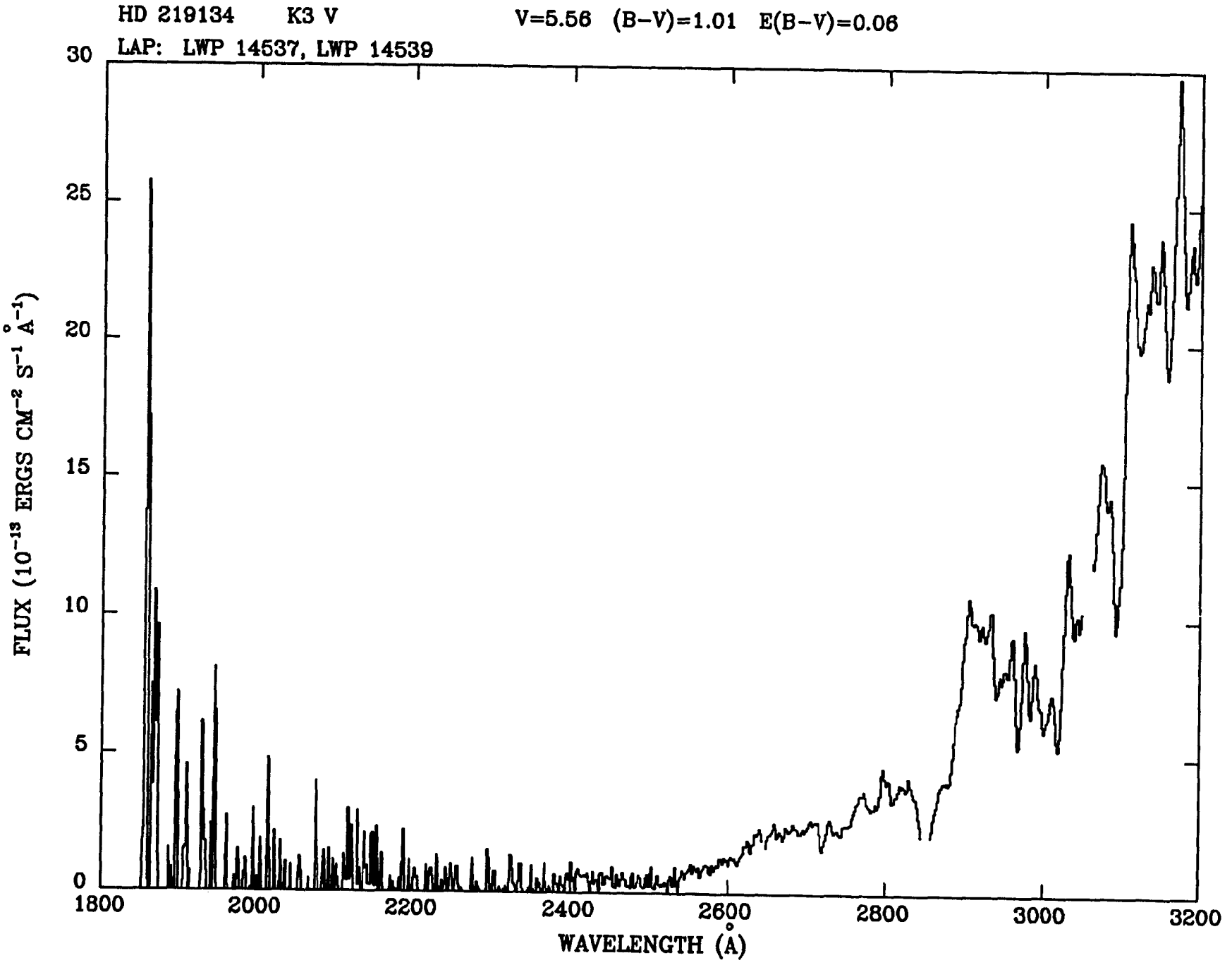
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 9.10E-15 | 2078 | 1.84E-15 | 2180 | 1.46E-15 | 2282 | 8.35E-16 | 2384 | -5.05E-15 | 2486 | -8.65E-16 | 2588 | | 2690 | 2.55E-14 | 2792 | 2.66E-14 | 2894 | 5.69E-14 | 2996 | 5.89E-14 | 3098 | 9.10E-14 |
| 1978 | -2.03E-14 | 2080 | -1.05E-14 | 2182 | -1.74E-14 | 2284 | -8.55E-16 | 2386 | -4.42E-15 | 2488 | 2.81E-15 | 2590 | 1.30E-14 | 2692 | 1.98E-14 | 2794 | 3.31E-14 | 2896 | 6.26E-14 | 2998 | 5.64E-14 | 3100 | 1.05E-13 |
| 1980 | -3.99E-14 | 2082 | -1.32E-14 | 2184 | -1.16E-14 | 2286 | -1.26E-15 | 2388 | 8.35E-15 | 2490 | 1.26E-15 | 2592 | 1.10E-14 | 2694 | 2.03E-14 | 2796 | 4.44E-14 | 2898 | 7.11E-14 | 3000 | 5.16E-14 | 3102 | 1.18E-13 |
| 1982 | 2.15E-14 | 2084 | -1.48E-15 | 2186 | -6.35E-15 | 2288 | -5.29E-15 | 2390 | 5.50E-16 | 2492 | -3.69E-15 | 2594 | 1.01E-14 | 2696 | 1.99E-14 | 2798 | 5.27E-14 | 2900 | 7.55E-14 | 3002 | 4.75E-14 | 3104 | 1.38E-13 |
| 1984 | 1.63E-14 | 2086 | 1.38E-14 | 2188 | -1.44E-15 | 2290 | -6.59E-15 | 2392 | 2.43E-15 | 2494 | 1.44E-15 | 2596 | 1.05E-14 | 2698 | 2.07E-14 | 2800 | 4.76E-14 | 2902 | 7.69E-14 | 3004 | 4.80E-14 | 3106 | 1.64E-13 |
| 1986 | -2.84E-14 | 2088 | -1.71E-14 | 2190 | -1.47E-14 | 2292 | -4.68E-17 | 2394 | 9.87E-15 | 2496 | 9.35E-15 | 2598 | 8.70E-15 | 2700 | 2.05E-14 | 2802 | 4.20E-14 | 2904 | 8.03E-14 | 3006 | 5.14E-14 | 3108 | 1.86E-13 |
| 1988 | -5.59E-15 | 2090 | -2.95E-14 | 2192 | -1.22E-14 | 2294 | 1.26E-14 | 2396 | 9.85E-15 | 2498 | 5.68E-15 | 2600 | 9.24E-15 | 2702 | 2.00E-14 | 2804 | 4.28E-14 | 2906 | 8.20E-14 | 3008 | 5.76E-14 | 3110 | 2.00E-13 |
| 1990 | 3.90E-14 | 2092 | -1.26E-15 | 2194 | 6.56E-15 | 2296 | -6.67E-16 | 2398 | 5.84E-15 | 2500 | 2.33E-15 | 2602 | 1.15E-14 | 2704 | 2.09E-14 | 2806 | 4.07E-14 | 2908 | 8.24E-14 | 3010 | 6.59E-14 | 3112 | 2.02E-13 |
| 1992 | 2.28E-14 | 2094 | 3.82E-15 | 2196 | -7.11E-15 | 2298 | -4.03E-15 | 2400 | 3.31E-15 | 2502 | 6.06E-15 | 2604 | 1.15E-14 | 2706 | 2.03E-14 | 2808 | 3.22E-14 | 2910 | 8.16E-14 | 3012 | 6.91E-14 | 3114 | 1.93E-13 |
| 1994 | 5.34E-15 | 2096 | 1.16E-14 | 2198 | -9.42E-15 | 2300 | 1.11E-14 | 2402 | 5.11E-15 | 2504 | 6.48E-15 | 2606 | 1.16E-14 | 2708 | 2.18E-14 | 2810 | 2.72E-14 | 2912 | 8.09E-14 | 3014 | 6.33E-14 | 3116 | 1.80E-13 |
| 1996 | 9.72E-16 | 2098 | 2.49E-14 | 2200 | 7.01E-15 | 2302 | 1.70E-14 | 2404 | 1.03E-16 | 2506 | -1.06E-16 | 2608 | 1.15E-14 | 2710 | 2.31E-14 | 2812 | 2.66E-14 | 2914 | 8.24E-14 | 3016 | 5.54E-14 | 3118 | 1.71E-13 |
| 1998 | -6.75E-15 | 2100 | 4.11E-15 | 2202 | 1.74E-14 | 2304 | 6.60E-16 | 2406 | -1.13E-14 | 2508 | -1.57E-15 | 2610 | 1.48E-14 | 2712 | 2.20E-14 | 2814 | 2.65E-14 | 2916 | 8.24E-14 | 3018 | 4.85E-14 | 3120 | 1.61E-13 |
| 2000 | 5.40E-15 | 2102 | 3.09E-14 | 2204 | 6.36E-15 | 2306 | 3.33E-15 | 2408 | 2.71E-15 | 2510 | 1.89E-15 | 2612 | 1.49E-14 | 2714 | 2.04E-14 | 2816 | 2.87E-14 | 2918 | 8.27E-14 | 3020 | 4.37E-14 | 3122 | 1.57E-13 |
| 2002 | -2.26E-14 | 2104 | 1.08E-14 | 2206 | -4.11E-16 | 2308 | 8.71E-15 | 2410 | 5.66E-15 | 2512 | 3.91E-15 | 2614 | 1.45E-14 | 2716 | 1.68E-14 | 2818 | 2.95E-14 | 2920 | 8.52E-14 | 3022 | 4.31E-14 | 3124 | 1.56E-13 |
| 2004 | 3.10E-15 | 2106 | -2.50E-14 | 2208 | -3.19E-14 | 2310 | 4.63E-15 | 2412 | 1.24E-14 | 2514 | 3.38E-15 | 2616 | 1.39E-14 | 2718 | 1.61E-14 | 2820 | 3.07E-14 | 2922 | 8.47E-14 | 3024 | 5.16E-14 | 3126 | 1.55E-13 |
| 2006 | 1.88E-15 | 2108 | -3.83E-14 | 2210 | -3.05E-14 | 2312 | -6.19E-15 | 2414 | 4.16E-15 | 2516 | 1.41E-15 | 2618 | 1.66E-14 | 2720 | 1.56E-14 | 2822 | 3.25E-14 | 2924 | 8.05E-14 | 3026 | 6.17E-14 | 3128 | 1.60E-13 |
| 2008 | -1.28E-14 | 2110 | 1.83E-14 | 2212 | -3.12E-14 | 2314 | -4.24E-15 | 2416 | 3.47E-15 | 2518 | 1.34E-15 | 2620 | 1.69E-14 | 2722 | 1.60E-14 | 2824 | 3.33E-14 | 2926 | 8.15E-14 | 3028 | 7.10E-14 | 3130 | 1.64E-13 |
| 2010 | -4.31E-15 | 2112 | 3.83E-14 | 2214 | -1.54E-14 | 2316 | -2.17E-15 | 2418 | 2.31E-15 | 2520 | 5.95E-15 | 2622 | 1.74E-14 | 2724 | 1.71E-14 | 2826 | 3.29E-14 | 2928 | 8.53E-14 | 3030 | 8.19E-14 | 3132 | 1.68E-13 |
| 2012 | -1.47E-14 | 2114 | -1.84E-15 | 2216 | 1.14E-14 | 2318 | 2.34E-16 | 2420 | 2.17E-15 | 2522 | 4.17E-15 | 2624 | 1.93E-14 | 2726 | 1.83E-14 | 2828 | 3.30E-14 | 2930 | 8.57E-14 | 3032 | 8.66E-14 | 3134 | 1.72E-13 |
| 2014 | 2.20E-14 | 2116 | 9.13E-15 | 2218 | 2.33E-14 | 2320 | -4.09E-15 | 2422 | 4.85E-15 | 2524 | 3.07E-16 | 2626 | 1.80E-14 | 2728 | 2.04E-14 | 2830 | 3.27E-14 | 2932 | 9.14E-14 | 3034 | 9.06E-14 | 3136 | 1.74E-13 |
| 2016 | 1.64E-14 | 2118 | 7.20E-15 | 2220 | 1.18E-14 | 2322 | 2.21E-15 | 2424 | 2.35E-16 | 2526 | 5.48E-15 | 2628 | 1.58E-14 | 2730 | 2.26E-14 | 2832 | 3.35E-14 | 2934 | 8.95E-14 | 3036 | 9.21E-14 | 3138 | 1.70E-13 |
| 2018 | -8.01E-15 | 2120 | -8.56E-15 | 2222 | 9.76E-15 | 2324 | 9.82E-15 | 2426 | 2.28E-15 | 2528 | 7.32E-15 | 2630 | 1.70E-14 | 2732 | 2.23E-14 | 2834 | 3.30E-14 | 2936 | 7.85E-14 | 3038 | 8.25E-14 | 3140 | 1.66E-13 |
| 2020 | 4.98E-15 | 2122 | | 2224 | -6.07E-15 | 2326 | 1.59E-15 | 2428 | 5.42E-15 | 2530 | 4.01E-15 | 2632 | 1.95E-14 | 2734 | 2.02E-14 | 2836 | 3.32E-14 | 2938 | 6.91E-14 | 3040 | 7.92E-14 | 3142 | 1.65E-13 |
| 2022 | 1.62E-14 | 2124 | | 2226 | -2.67E-14 | 2328 | 1.82E-15 | 2430 | 2.62E-15 | 2532 | 5.30E-15 | 2634 | 2.11E-14 | 2736 | 1.93E-14 | 2838 | | 2940 | 6.70E-14 | 3042 | 8.02E-14 | 3144 | 1.67E-13 |
| 2024 | -9.84E-15 | 2126 | | 2228 | -1.83E-14 | 2330 | 3.13E-15 | 2432 | 6.19E-15 | 2534 | 5.37E-15 | 2636 | 1.72E-14 | 2738 | 1.79E-14 | 2840 | | 2942 | 6.80E-14 | 3044 | 8.24E-14 | 3146 | 1.75E-13 |
| 2026 | -2.54E-14 | 2128 | | 2230 | 1.60E-14 | 2332 | 2.11E-15 | 2434 | 1.23E-14 | 2536 | -9.36E-16 | 2638 | 1.92E-14 | 2740 | 1.69E-14 | 2842 | | 2944 | 6.96E-14 | 3046 | 8.60E-14 | 3148 | 1.83E-13 |
| 2028 | 8.91E-15 | 2130 | 3.24E-15 | 2232 | 2.29E-15 | 2334 | 2.09E-15 | 2436 | 4.35E-15 | 2538 | -1.36E-15 | 2640 | 2.29E-14 | 2742 | 1.54E-14 | 2844 | 2.32E-14 | 2946 | 6.57E-14 | 3048 | 8.48E-14 | 3150 | 1.84E-13 |
| 2030 | 2.80E-14 | 2132 | -5.77E-15 | 2234 | -1.67E-15 | 2336 | 2.19E-16 | 2438 | 6.09E-15 | 2540 | 3.94E-15 | 2642 | 2.10E-14 | 2744 | 1.44E-14 | 2846 | | 2948 | 6.10E-14 | 3050 | 8.18E-14 | 3152 | 1.79E-13 |
| 2032 | -1.51E-14 | 2134 | -7.40E-15 | 2236 | 3.12E-15 | 2338 | 5.62E-15 | 2440 | 8.36E-15 | 2542 | 8.82E-15 | 2644 | 1.94E-14 | 2746 | 1.70E-14 | 2848 | | 2950 | 6.26E-14 | 3052 | | 3154 | 1.64E-13 |
| 2034 | 3.44E-14 | 2136 | 3.22E-15 | 2238 | -1.61E-15 | 2340 | 7.14E-15 | 2442 | 6.84E-15 | 2544 | 6.52E-15 | 2646 | 2.00E-14 | 2748 | 2.03E-14 | 2850 | | 2952 | 6.53E-14 | 3054 | | 3156 | 1.56E-13 |
| 2036 | 5.36E-14 | 2138 | 1.60E-14 | 2240 | 9.74E-15 | 2342 | 1.02E-14 | 2444 | 1.03E-14 | 2546 | 3.92E-15 | 2648 | 1.81E-14 | 2750 | 2.29E-14 | 2852 | | 2954 | 6.49E-14 | 3056 | | 3158 | 1.49E-13 |
| 2038 | -2.54E-15 | 2140 | -8.09E-16 | 2242 | 1.28E-14 | 2344 | 2.17E-14 | 2446 | 8.49E-15 | 2548 | 4.43E-15 | 2650 | 1.78E-14 | 2752 | 2.27E-14 | 2854 | | 2956 | 6.62E-14 | 3058 | | 3160 | 1.51E-13 |
| 2040 | -3.20E-14 | 2142 | -1.15E-14 | 2244 | 2.55E-15 | 2346 | 1.11E-14 | 2448 | 3.36E-15 | 2550 | 6.03E-15 | 2652 | 1.91E-14 | 2754 | 2.07E-14 | 2856 | 1.41E-14 | 2958 | 7.01E-14 | 3060 | 7.82E-14 | 3162 | 1.65E-13 |
| 2042 | -2.15E-14 | 2144 | -7.85E-15 | 2246 | 7.60E-15 | 2348 | -8.37E-15 | 2450 | 3.69E-15 | 2552 | 7.93E-15 | 2654 | 2.15E-14 | 2756 | 2.12E-14 | 2858 | 1.60E-14 | 2960 | 7.65E-14 | 3062 | 8.81E-14 | 3164 | 1.77E-13 |
| 2044 | -1.13E-14 | 2146 | -1.20E-16 | 2248 | 1.33E-14 | 2350 | 1.16E-14 | 2452 | 7.10E-15 | 2554 | 9.98E-15 | 2656 | 2.21E-14 | 2758 | 2.27E-14 | 2860 | 2.21E-14 | 2962 | 7.58E-14 | 3064 | 9.33E-14 | 3166 | 1.86E-13 |
| 2046 | -4.84E-15 | 2148 | 1.06E-14 | 2250 | 1.55E-15 | 2352 | 5.25E-15 | 2454 | 4.98E-15 | 2556 | 8.11E-15 | 2658 | 2.50E-14 | 2760 | 2.49E-14 | 2862 | 2.58E-14 | 2964 | 6.73E-14 | 3066 | 1.03E-13 | 3168 | 1.96E-13 |
| 2048 | 1.41E-14 | 2150 | 1.39E-15 | 2252 | -1.74E-14 | 2354 | 6.45E-15 | 2456 | 3.37E-15 | 2558 | 9.07E-15 | 2660 | 2.53E-14 | 2762 | 2.87E-14 | 2864 | 2.61E-14 | 2966 | 5.54E-14 | 3068 | 1.14E-13 | 3170 | 2.08E-13 |
| 2050 | -5.16E-15 | 2152 | 1.14E-14 | 2254 | -8.46E-15 | 2356 | -1.48E-16 | 2458 | 3.51E-15 | 2560 | 8.69E-15 | 2662 | 2.27E-14 | 2764 | 2.83E-14 | 2866 | 2.58E-14 | 2968 | 4.78E-14 | 3070 | 1.25E-13 | 3172 | 2.18E-13 |
| 2052 | -1.04E-14 | 2154 | 1.54E-14 | 2256 | 1.02E-14 | 2358 | -3.34E-15 | 2460 | 7.88E-15 | 2562 | 1.22E-14 | 2664 | 2.31E-14 | 2766 | 2.75E-14 | 2868 | 2.78E-14 | 2970 | 4.79E-14 | 3072 | 1.30E-13 | 3174 | 2.17E-13 |
| 2054 | -1.86E-15 | 2156 | -3.04E-15 | 2258 | 1.53E-14 | 2360 | 3.61E-15 | 2462 | 2.57E-15 | 2564 | 1.04E-14 | 2666 | 2.04E-14 | 2768 | 2.69E-14 | 2870 | 3.03E-14 | 2972 | 5.51E-14 | 3074 | 1.31E-13 | 3176 | 2.08E-13 |
| 2056 | -6.10E-16 | 2158 | 1.85E-15 | 2260 | 7.98E-15 | 2362 | 7.25E-15 | 2464 | -2.14E-15 | 2566 | 8.06E-15 | 2668 | 1.88E-14 | 2770 | 2.63E-14 | 2872 | 3.09E-14 | 2974 | 6.60E-14 | 3076 | 1.28E-13 | 3178 | 1.99E-13 |
| 2058 | -8.54E-15 | 2160 | 2.73E-14 | 2262 | -1.74E-15 | 2364 | -3.49E-15 | 2466 | 1.44E-15 | 2568 | 7.93E-15 | 2670 | 1.82E-14 | 2772 | 2.81E-14 | 2874 | 3.24E-14 | 2976 | 7.93E-14 | 3078 | 1.20E-13 | 3180 | 1.82E-13 |
| 2060 | -7.02E-15 | 2162 | 6.60E-15 | 2264 | -1.32E-14 | 2366 | 6.64E-15 | 2468 | 7.82E-15 | 2570 | 6.70E-15 | 2672 | 2.16E-14 | 2774 | 2.82E-14 | 2876 | 3.39E-14 | 2978 | 8.67E-14 | 3080 | 1.15E-13 | 3182 | 1.63E-13 |
| 2062 | -1.53E-14 | 2164 | -1.43E-14 | 2266 | -1.43E-14 | 2368 | 3.02E-15 | 2470 | 3.56E-15 | 2572 | 7.00E-15 | 2674 | 2.37E-14 | 2776 | 2.74E-14 | 2878 | 3.45E-14 | 2980 | 7.92E-14 | 3082 | 1.14E-13 | 3184 | 1.57E-13 |
| 2064 | -8.96E-15 | 2166 | -3.14E-15 | 2268 | -2.94E-15 | 2370 | -7.08E-15 | 2472 | 2.34E-15 | 2574 | 9.63E-15 | 2676 | 2.27E-14 | 2778 | 2.85E-14 | 2880 | 3.38E-14 | 2982 | 6.62E-14 | 3084 | 1.19E-13 | 3186 | 1.63E-13 |
| 2066 | -2.07E-15 | 2168 | -2.56E-14 | 2270 | 1.04E-15 | 2372 | -4.48E-15 | 2474 | 4.82E-15 | 2576 | 8.00E-15 | 2678 | 2.22E-14 | 2780 | 2.72E-14 | 2882 | 3.35E-14 | 2984 | 5.72E-14 | 3086 | 1.21E-13 | 3188 | 1.70E-13 |
| 2068 | -1.23E-14 | 2170 | -2.88E-14 | 2272 | -1.83E-14 | 2374 | 4.30E-15 | 2476 | 1.11E-14 | 2578 | 8.85E-15 | 2680 | 2.21E-14 | 2782 | 2.66E-14 | 2884 | 3.72E-14 | 2986 | 5.88E-14 | 3088 | 1.21E-13 | 3190 | 1.65E-13 |
| 2070 | -6.89E-15 | 2172 | 1.07E-14 | 2274 | -6.09E-15 | 2376 | 9.47E-15 | 2478 | 1.13E-14 | 2580 | 1.22E-14 | 2682 | 2.16E-14 | 2784 | 2.71E-14 | 2886 | 4.41E-14 | 2988 | 6.63E-14 | 3090 | 1.08E-13 | 3192 | 1.53E-13 |
| 2072 | -2.00E-14 | 2174 | 1.29E-14 | 2276 | 7.63E-15 | 2378 | -1.25E-15 | 2480 | 7.52E-15 | 2582 | 6.32E-15 | 2684 | 2.07E-14 | 2786 | 2.71E-14 | 2888 | 4.99E-14 | 2990 | 7.14E-14 | 3092 | 8.95E-14 | 3194 | 1.60E-13 |
| 2074 | -1.24E-14 | 2176 | 9.03E-15 | 2278 | 9.73E-15 | 2380 | -2.10E-15 | 2482 | 3.92E-15 | 2584 | | 2686 | 2.70E-14 | 2788 | 2.64E-14 | 2890 | 5.35E-14 | 2992 | 6.77E-14 | 3094 | 8.18E-14 | 3196 | 1.79E-13 |
| 2076 | 2.35E-14 | 2178 | 4.42E-15 | 2280 | 6.55E-15 | 2382 | -2.42E-15 | 2484 | 4.58E-16 | 2586 | | 2688 | 3.29E-14 | 2790 | 2.51E-14 | 2892 | 5.57E-14 | 2994 | 6.15E-14 | 3096 | 8.48E-14 | 3198 | 1.93E-13 |


HD 144872 K3 V
V=8.61 (B-V)=0.96 E(B-V)=0.01
LAP: LWP 15015
FLUX ($10^{-14}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

**HD 219134 K3 V V=5.56 (B-V)=1.01 E(B-V)=0.06**

**LAP: LWP 14537, LWP 14539**

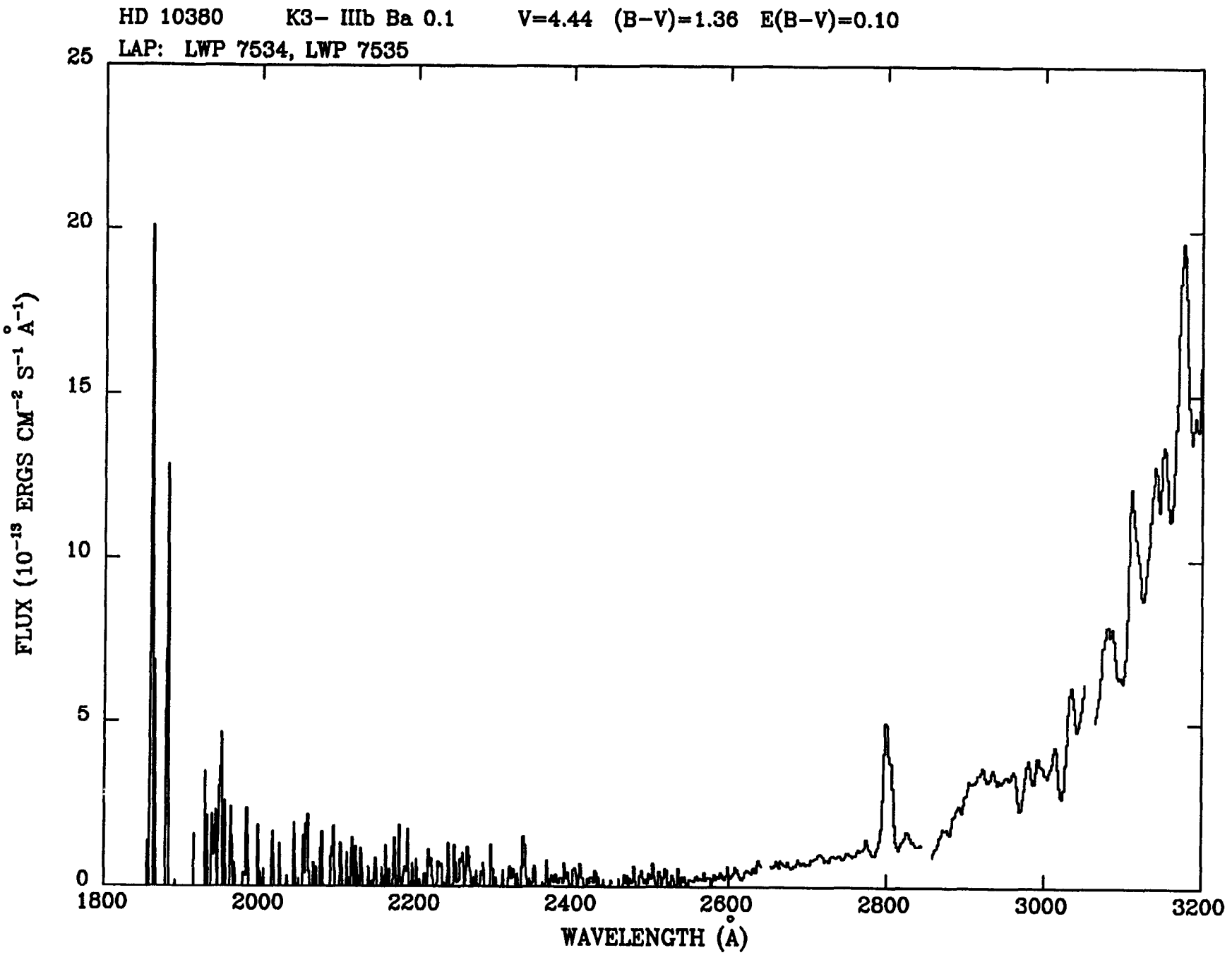
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.35E-13 | 2078 | 4.98E-14 | 2180 | -5.05E-14 | 2282 | 2.45E-14 | 2384 | 2.46E-14 | 2486 | 5.77E-14 | 2588 | 1.09E-13 | 2690 | 2.21E-13 | 2792 | 3.43E-13 | 2894 | 7.05E-13 | 2996 | 6.83E-13 | 3098 | 1.16E-12 |
| 1978 | -1.01E-14 | 2080 | -9.40E-14 | 2182 | 4.14E-14 | 2284 | 1.24E-14 | 2386 | 1.02E-14 | 2488 | 5.81E-14 | 2590 | 1.25E-13 | 2692 | 2.18E-13 | 2794 | 3.99E-13 | 2896 | 7.72E-13 | 2998 | 6.40E-13 | 3100 | 1.34E-12 |
| 1980 | -2.33E-13 | 2082 | -7.30E-14 | 2184 | 2.62E-14 | 2286 | -9.51E-15 | 2388 | 4.69E-14 | 2490 | 2.88E-14 | 2592 | 1.14E-13 | 2694 | 2.28E-13 | 2796 | 4.50E-13 | 2898 | 8.68E-13 | 3000 | 6.04E-13 | 3102 | 1.62E-12 |
| 1982 | -3.07E-15 | 2084 | 6.77E-14 | 2186 | 1.40E-13 | 2288 | -8.71E-14 | 2390 | 2.65E-14 | 2492 | 1.90E-14 | 2594 | 1.20E-13 | 2696 | 2.35E-13 | 2798 | 4.37E-13 | 2900 | 9.25E-13 | 3002 | 6.13E-13 | 3104 | 1.94E-12 |
| 1984 | 5.45E-14 | 2086 | 1.41E-13 | 2188 | 9.92E-14 | 2290 | -1.40E-14 | 2392 | 1.12E-14 | 2494 | 2.31E-14 | 2596 | 1.22E-13 | 2698 | 2.27E-13 | 2800 | 4.08E-13 | 2902 | 9.67E-13 | 3004 | 6.33E-13 | 3106 | 2.23E-12 |
| 1986 | 1.13E-13 | 2088 | -1.37E-13 | 2190 | -1.46E-13 | 2292 | 7.32E-15 | 2394 | 3.51E-14 | 2496 | 5.85E-14 | 2598 | 1.21E-13 | 2700 | 2.38E-13 | 2802 | 4.13E-13 | 2904 | 1.04E-12 | 3006 | 6.44E-13 | 3108 | 2.40E-12 |
| 1988 | -1.46E-13 | 2090 | -6.33E-14 | 2192 | -9.81E-14 | 2294 | 1.52E-13 | 2396 | 6.88E-14 | 2498 | 5.84E-14 | 2600 | 1.08E-13 | 2702 | 2.50E-13 | 2804 | 4.13E-13 | 2906 | 1.07E-12 | 3008 | 6.74E-13 | 3110 | 2.42E-12 |
| 1990 | -2.55E-14 | 2092 | 1.37E-13 | 2194 | 4.70E-14 | 2296 | 9.76E-14 | 2398 | 5.30E-14 | 2500 | 3.49E-14 | 2602 | 1.22E-13 | 2704 | 2.64E-13 | 2806 | 3.73E-13 | 2908 | 1.02E-12 | 3010 | 7.13E-13 | 3112 | 2.33E-12 |
| 1992 | -6.43E-16 | 2094 | 6.43E-16 | 2196 | 3.00E-14 | 2298 | -4.50E-14 | 2400 | 9.39E-14 | 2502 | 8.01E-14 | 2604 | 1.33E-13 | 2706 | 2.61E-13 | 2808 | 3.36E-13 | 2910 | 9.86E-13 | 3012 | 7.26E-13 | 3114 | 2.26E-12 |
| 1994 | 4.24E-14 | 2096 | 1.94E-15 | 2198 | -3.80E-14 | 2300 | -1.55E-14 | 2402 | 5.59E-14 | 2504 | 6.51E-14 | 2606 | 1.25E-13 | 2708 | 2.56E-13 | 2810 | 3.39E-13 | 2912 | 9.89E-13 | 3014 | 6.86E-13 | 3116 | 2.15E-12 |
| 1996 | 1.36E-13 | 2098 | 5.66E-14 | 2200 | 2.36E-14 | 2302 | 7.56E-14 | 2404 | 5.36E-14 | 2506 | 1.77E-14 | 2608 | 1.30E-13 | 2710 | 2.61E-13 | 2812 | 3.56E-13 | 2914 | 9.88E-13 | 3016 | 6.16E-13 | 3118 | 2.03E-12 |
| 1998 | -1.68E-13 | 2100 | -5.35E-14 | 2202 | 7.53E-14 | 2304 | 4.66E-14 | 2406 | 1.28E-14 | 2508 | 2.63E-14 | 2610 | 1.16E-13 | 2712 | 2.60E-13 | 2814 | 3.62E-13 | 2916 | 9.74E-13 | 3018 | 5.54E-13 | 3120 | 2.01E-12 |
| 2000 | -4.98E-15 | 2102 | 7.83E-14 | 2204 | 5.45E-14 | 2306 | -1.42E-15 | 2408 | 7.66E-14 | 2510 | 5.19E-14 | 2612 | 1.09E-13 | 2714 | 2.62E-13 | 2816 | 3.83E-13 | 2918 | 9.38E-13 | 3020 | 5.53E-13 | 3122 | 1.98E-12 |
| 2002 | -1.94E-14 | 2104 | 3.35E-14 | 2206 | 5.24E-14 | 2308 | 6.08E-15 | 2410 | 8.38E-14 | 2512 | 4.14E-14 | 2614 | 1.24E-13 | 2716 | 2.32E-13 | 2818 | 3.96E-13 | 2920 | 9.70E-13 | 3022 | 6.30E-13 | 3124 | 1.99E-12 |
| 2004 | 1.68E-13 | 2106 | -4.72E-14 | 2208 | -2.42E-14 | 2310 | 1.42E-14 | 2412 | 6.48E-14 | 2514 | 2.50E-14 | 2616 | 1.35E-13 | 2718 | 1.80E-13 | 2820 | 3.92E-13 | 2922 | 9.80E-13 | 3024 | 7.70E-13 | 3126 | 2.03E-12 |
| 2006 | -5.32E-14 | 2108 | -1.40E-13 | 2210 | -4.58E-14 | 2312 | -1.82E-14 | 2414 | 5.88E-14 | 2516 | 3.05E-14 | 2618 | 1.44E-13 | 2720 | 1.60E-13 | 2822 | 3.93E-13 | 2924 | 9.43E-13 | 3026 | 9.10E-13 | 3128 | 2.09E-12 |
| 2008 | -1.95E-13 | 2110 | 2.90E-14 | 2212 | -1.66E-13 | 2314 | -1.93E-15 | 2416 | 5.96E-14 | 2518 | 2.64E-14 | 2620 | 1.61E-13 | 2722 | 1.79E-13 | 2824 | 3.81E-13 | 2926 | 9.29E-13 | 3028 | 1.05E-12 | 3130 | 2.14E-12 |
| 2010 | -5.32E-14 | 2112 | 9.77E-14 | 2214 | -9.88E-14 | 2316 | 4.51E-15 | 2418 | 6.06E-14 | 2520 | 3.75E-14 | 2622 | 1.75E-13 | 2724 | 2.02E-13 | 2826 | 3.80E-13 | 2928 | 9.55E-13 | 3030 | 1.20E-12 | 3132 | 2.15E-12 |
| 2012 | 6.01E-14 | 2114 | 4.92E-14 | 2216 | 2.02E-14 | 2318 | 1.90E-14 | 2420 | 6.30E-14 | 2522 | 3.12E-14 | 2624 | 1.85E-13 | 2726 | 2.29E-13 | 2828 | 4.11E-13 | 2930 | 9.86E-13 | 3032 | 1.24E-12 | 3134 | 2.16E-12 |
| 2014 | 3.86E-13 | 2116 | 2.48E-13 | 2218 | 2.26E-14 | 2320 | -4.38E-14 | 2422 | 5.27E-14 | 2524 | 1.12E-14 | 2626 | 1.91E-13 | 2728 | 2.61E-13 | 2830 | 4.05E-13 | 2932 | 1.03E-12 | 3034 | 1.15E-12 | 3136 | 2.25E-12 |
| 2016 | 1.05E-15 | 2118 | 7.94E-14 | 2220 | -1.26E-14 | 2322 | 5.20E-14 | 2424 | 1.60E-14 | 2526 | 5.02E-14 | 2628 | 1.63E-13 | 2730 | 2.66E-13 | 2832 | 3.91E-13 | 2934 | 9.67E-13 | 3036 | 1.03E-12 | 3138 | 2.29E-12 |
| 2018 | -2.24E-13 | 2120 | 2.28E-13 | 2222 | 8.23E-14 | 2324 | 1.27E-13 | 2426 | 2.78E-14 | 2528 | 5.24E-14 | 2630 | 1.73E-13 | 2732 | 2.48E-13 | 2834 | 3.73E-13 | 2936 | 8.29E-13 | 3038 | 9.48E-13 | 3140 | 2.24E-12 |
| 2020 | -7.22E-14 | 2122 | 1.70E-13 | 2224 | 6.79E-14 | 2326 | 7.36E-14 | 2428 | 6.48E-14 | 2530 | 2.47E-14 | 2632 | 1.82E-13 | 2734 | 2.28E-13 | 2836 | 3.54E-13 | 2938 | 7.47E-13 | 3040 | 9.49E-13 | 3142 | 2.18E-12 |
| 2022 | 1.24E-13 | 2124 | -1.69E-13 | 2226 | -2.71E-14 | 2328 | 3.06E-14 | 2430 | 4.26E-14 | 2532 | 5.01E-14 | 2634 | 2.14E-13 | 2736 | 2.25E-13 | 2838 | 3.47E-13 | 2940 | 7.32E-13 | 3042 | 1.00E-12 | 3144 | 2.17E-12 |
| 2024 | -2.84E-14 | 2126 | | 2228 | -3.92E-14 | 2330 | 1.02E-14 | 2432 | 4.10E-14 | 2534 | 7.41E-14 | 2636 | 2.12E-13 | 2738 | 2.30E-13 | 2840 | 3.18E-13 | 2942 | 7.68E-13 | 3044 | 1.00E-12 | 3146 | 2.26E-12 |
| 2026 | -1.32E-13 | 2128 | 2.25E-13 | 2230 | 1.02E-13 | 2332 | 7.29E-15 | 2434 | 4.72E-14 | 2536 | 2.40E-14 | 2638 | 2.23E-13 | 2740 | 2.24E-13 | 2842 | 2.73E-13 | 2944 | 7.95E-13 | 3046 | 9.69E-13 | 3148 | 2.38E-12 |
| 2028 | -1.67E-15 | 2130 | 4.28E-14 | 2232 | 1.80E-14 | 2334 | 6.70E-14 | 2436 | 1.42E-14 | 2538 | 2.95E-14 | 2640 | 2.34E-13 | 2742 | 2.17E-13 | 2844 | 2.42E-13 | 2946 | 7.75E-13 | 3048 | 1.00E-12 | 3150 | 2.36E-12 |
| 2030 | 1.52E-13 | 2132 | 2.20E-14 | 2234 | -9.41E-14 | 2336 | 1.03E-13 | 2438 | 6.97E-14 | 2540 | 5.86E-14 | 2642 | 2.16E-13 | 2744 | 2.15E-13 | 2846 | 2.13E-13 | 2948 | 7.83E-13 | 3050 | 1.03E-12 | 3152 | 2.23E-12 |
| 2032 | -1.29E-13 | 2134 | -4.54E-14 | 2236 | 4.04E-14 | 2338 | 4.89E-14 | 2440 | 6.71E-14 | 2542 | 7.69E-14 | 2644 | 1.95E-13 | 2746 | 2.41E-13 | 2848 | | 2950 | 8.14E-13 | 3052 | | 3154 | 2.05E-12 |
| 2034 | -6.83E-14 | 2136 | 1.10E-13 | 2238 | 1.29E-14 | 2340 | -1.68E-15 | 2442 | 3.01E-14 | 2544 | 7.58E-14 | 2646 | 1.68E-13 | 2748 | 2.50E-13 | 2850 | | 2952 | 8.16E-13 | 3054 | | 3156 | 1.92E-12 |
| 2036 | 1.02E-13 | 2138 | 1.34E-13 | 2240 | 3.92E-14 | 2342 | -4.06E-14 | 2444 | 3.96E-14 | 2546 | 5.82E-14 | 2648 | 1.82E-13 | 2750 | 2.52E-13 | 2852 | | 2954 | 7.97E-13 | 3056 | | 3158 | 1.89E-12 |
| 2038 | -3.63E-14 | 2140 | 8.93E-14 | 2242 | 5.55E-14 | 2344 | -1.47E-14 | 2446 | 6.04E-14 | 2548 | 7.31E-14 | 2650 | 2.05E-13 | 2752 | 2.49E-13 | 2854 | | 2956 | 8.10E-13 | 3058 | | 3160 | 1.96E-12 |
| 2040 | -2.07E-13 | 2142 | 4.26E-14 | 2244 | -2.18E-14 | 2346 | 1.24E-14 | 2448 | 5.79E-14 | 2550 | 7.79E-14 | 2652 | 2.14E-13 | 2754 | 2.54E-13 | 2856 | 2.11E-13 | 2958 | 8.82E-13 | 3060 | | 3162 | 2.09E-12 |
| 2042 | 3.15E-14 | 2144 | 2.26E-14 | 2246 | 3.82E-14 | 2348 | -2.28E-14 | 2450 | 5.14E-14 | 2552 | 8.94E-14 | 2654 | 2.20E-13 | 2756 | 2.61E-13 | 2858 | 2.28E-13 | 2960 | 9.32E-13 | 3062 | 1.21E-12 | 3164 | 2.27E-12 |
| 2044 | -9.73E-15 | 2146 | 1.79E-13 | 2248 | 8.61E-14 | 2350 | 8.64E-14 | 2452 | 7.49E-14 | 2554 | 9.94E-14 | 2656 | 2.31E-13 | 2758 | 2.86E-13 | 2860 | 2.66E-13 | 2962 | 8.81E-13 | 3064 | 1.20E-12 | 3166 | 2.47E-12 |
| 2046 | -1.75E-13 | 2148 | 2.13E-13 | 2250 | 2.61E-14 | 2352 | 9.89E-15 | 2454 | 4.84E-14 | 2556 | 7.97E-14 | 2658 | 2.52E-13 | 2760 | 3.02E-13 | 2862 | 2.96E-13 | 2964 | 7.22E-13 | 3066 | 1.24E-12 | 3168 | 2.66E-12 |
| 2048 | -1.30E-13 | 2150 | 2.31E-14 | 2252 | -1.83E-14 | 2354 | 1.57E-15 | 2456 | 2.11E-14 | 2558 | 9.61E-14 | 2660 | 2.44E-13 | 2762 | 3.18E-13 | 2864 | 3.17E-13 | 2966 | 5.79E-13 | 3068 | 1.34E-12 | 3170 | 2.89E-12 |
| 2050 | -1.09E-13 | 2152 | 4.89E-14 | 2254 | 5.26E-14 | 2356 | 1.31E-14 | 2458 | 5.50E-14 | 2560 | 8.52E-14 | 2662 | 2.10E-13 | 2764 | 3.33E-13 | 2866 | 3.49E-13 | 2968 | 5.44E-13 | 3070 | 1.45E-12 | 3172 | 2.97E-12 |
| 2052 | 1.48E-14 | 2154 | 1.79E-13 | 2256 | 9.20E-14 | 2358 | 3.99E-14 | 2460 | 5.18E-14 | 2562 | 8.66E-14 | 2664 | 2.11E-13 | 2766 | 3.49E-13 | 2868 | 3.82E-13 | 2970 | 5.95E-13 | 3072 | 1.55E-12 | 3174 | 2.85E-12 |
| 2054 | 1.12E-13 | 2156 | -3.78E-14 | 2258 | 4.33E-14 | 2360 | 2.44E-14 | 2462 | 2.74E-14 | 2564 | 7.73E-14 | 2666 | 2.26E-13 | 2768 | 3.59E-13 | 2870 | 3.96E-13 | 2972 | 6.89E-13 | 3074 | 1.57E-12 | 3176 | 2.60E-12 |
| 2056 | 8.30E-14 | 2158 | 2.97E-14 | 2260 | -1.93E-14 | 2362 | -9.11E-15 | 2464 | 4.69E-14 | 2566 | 7.19E-14 | 2668 | 2.14E-13 | 2770 | 3.58E-13 | 2872 | 4.06E-13 | 2974 | 8.26E-13 | 3076 | 1.56E-12 | 3178 | 2.37E-12 |
| 2058 | -5.81E-14 | 2160 | 9.96E-14 | 2262 | 1.11E-14 | 2364 | -3.68E-14 | 2466 | 7.02E-14 | 2568 | 8.66E-14 | 2670 | 1.99E-13 | 2772 | 3.71E-13 | 2874 | 4.07E-13 | 2976 | 9.49E-13 | 3078 | 1.49E-12 | 3180 | 2.20E-12 |
| 2060 | -1.04E-13 | 2162 | -6.32E-14 | 2264 | -1.47E-15 | 2366 | 5.36E-14 | 2468 | 4.94E-14 | 2570 | 9.74E-14 | 2672 | 2.18E-13 | 2774 | 3.61E-13 | 2876 | 4.06E-13 | 2978 | 9.28E-13 | 3080 | 1.42E-12 | 3182 | 2.15E-12 |
| 2062 | -2.01E-13 | 2164 | -1.14E-13 | 2266 | -2.06E-14 | 2368 | 6.36E-14 | 2470 | 4.15E-14 | 2572 | 1.04E-13 | 2674 | 2.41E-13 | 2776 | 3.34E-13 | 2878 | 4.06E-13 | 2980 | 7.92E-13 | 3082 | 1.42E-12 | 3184 | 2.22E-12 |
| 2064 | -1.01E-13 | 2166 | -7.20E-14 | 2268 | -2.89E-14 | 2370 | -2.27E-15 | 2472 | 2.36E-14 | 2574 | 1.01E-13 | 2676 | 2.32E-13 | 2778 | 3.21E-13 | 2880 | 4.06E-13 | 2982 | 6.68E-13 | 3084 | 1.44E-12 | 3186 | 2.29E-12 |
| 2066 | -5.41E-15 | 2168 | -6.25E-14 | 2270 | -2.15E-14 | 2372 | 2.57E-15 | 2474 | 2.35E-14 | 2576 | 8.06E-14 | 2678 | 2.26E-13 | 2780 | 3.17E-13 | 2882 | 4.35E-13 | 2984 | 6.61E-13 | 3086 | 1.40E-12 | 3188 | 2.35E-12 |
| 2068 | -2.63E-13 | 2170 | 2.30E-14 | 2272 | -4.56E-14 | 2374 | 2.02E-14 | 2476 | 3.52E-14 | 2578 | 7.16E-14 | 2680 | 2.31E-13 | 2782 | 3.05E-13 | 2884 | 4.84E-13 | 2986 | 7.40E-13 | 3088 | 1.29E-12 | 3190 | 2.34E-12 |
| 2070 | -1.71E-13 | 2172 | 7.93E-15 | 2274 | 3.56E-14 | 2376 | -1.23E-14 | 2478 | 6.54E-14 | 2580 | 1.03E-13 | 2682 | 2.45E-13 | 2784 | 3.11E-13 | 2886 | 5.44E-13 | 2988 | 8.18E-13 | 3090 | 1.10E-12 | 3192 | 2.26E-12 |
| 2072 | -1.27E-13 | 2174 | 2.70E-14 | 2276 | 6.00E-14 | 2378 | 4.15E-15 | 2480 | 4.25E-14 | 2582 | 8.51E-14 | 2684 | 2.44E-13 | 2786 | 3.16E-13 | 2888 | 6.17E-13 | 2990 | 8.32E-13 | 3092 | 9.72E-13 | 3194 | 2.27E-12 |
| 2074 | 1.08E-13 | 2176 | 1.26E-14 | 2278 | -4.41E-14 | 2380 | 6.14E-14 | 2482 | 2.38E-14 | 2584 | 9.64E-14 | 2686 | 2.39E-13 | 2788 | 3.26E-13 | 2890 | 6.58E-13 | 2992 | 7.67E-13 | 3094 | 9.94E-13 | 3196 | 2.38E-12 |
| 2076 | 3.06E-13 | 2178 | -2.39E-15 | 2280 | -1.19E-14 | 2382 | 3.02E-14 | 2484 | 3.40E-14 | 2586 | 1.03E-13 | 2688 | 2.35E-13 | 2790 | 3.20E-13 | 2892 | 6.82E-13 | 2994 | 7.07E-13 | 3096 | 1.07E-12 | 3198 | 2.49E-12 |


HD 219134 K3 V
V=5.56 (B-V)=1.01 E(B-V)=0.06
LAP: LWP 14537, LWP 14539
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
30
1800
2000
2200
2400
2600
2800
3000
3200

**HD 10380 K3- IIIb Ba 0.1 V=4.44 (B-V)=1.36 E(B-V)=0.10**

**LAP: LWP 7534, LWP 7535**

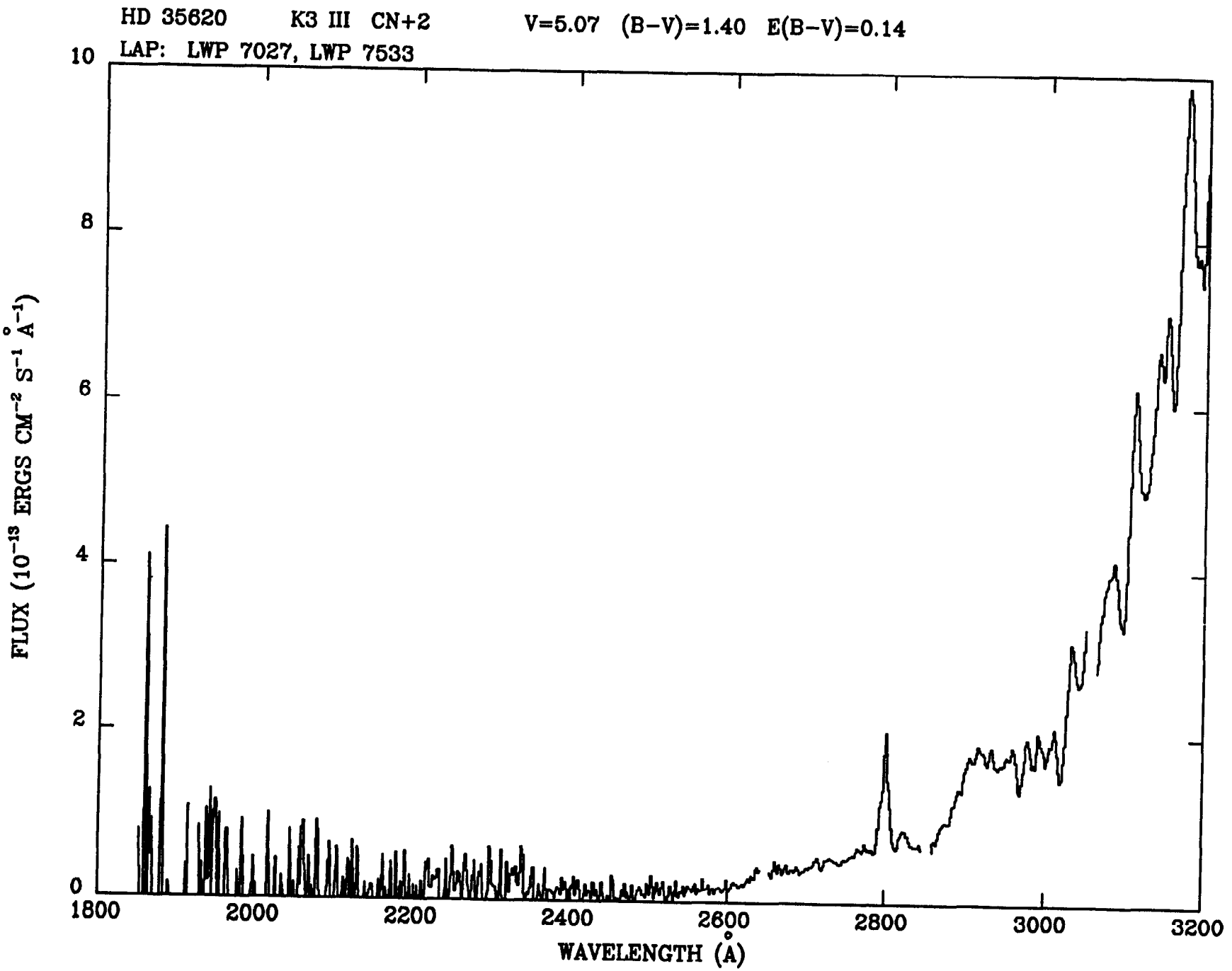
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -1.76E-13 | 2078 | 1.41E-13 | 2180 | 2.44E-14 | 2282 | 1.99E-14 | 2384 | 2.72E-14 | 2486 | 2.56E-14 | 2588 | 3.21E-14 | 2690 | 7.58E-14 | 2792 | 1.56E-13 | 2894 | 2.37E-13 | 2996 | 3.70E-13 | 3098 | 6.32E-13 |
| 1978 | 3.02E-14 | 2080 | 7.86E-14 | 2182 | -4.69E-15 | 2284 | 3.94E-14 | 2386 | 2.39E-14 | 2488 | 4.66E-14 | 2590 | 4.08E-14 | 2692 | 6.90E-14 | 2794 | 2.17E-13 | 2896 | 2.29E-13 | 2998 | 3.66E-13 | 3100 | 6.30E-13 |
| 1980 | 3.56E-14 | 2082 | -8.07E-14 | 2184 | 4.98E-14 | 2286 | 6.15E-14 | 2388 | 2.92E-14 | 2490 | 3.07E-14 | 2592 | 3.28E-14 | 2694 | 7.09E-14 | 2796 | 3.43E-13 | 2898 | 2.57E-13 | 3000 | 3.53E-13 | 3102 | 6.64E-13 |
| 1982 | 1.87E-13 | 2084 | -8.16E-14 | 2186 | 5.44E-14 | 2288 | -1.51E-14 | 2390 | 5.54E-14 | 2492 | 1.56E-14 | 2594 | 2.49E-14 | 2696 | 7.48E-14 | 2798 | 4.64E-13 | 2900 | 2.77E-13 | 3002 | 3.44E-13 | 3104 | 7.38E-13 |
| 1984 | 1.65E-13 | 2086 | -1.63E-13 | 2188 | 9.03E-14 | 2290 | -3.13E-14 | 2392 | 3.53E-14 | 2494 | 2.24E-14 | 2596 | 2.96E-14 | 2698 | 6.77E-14 | 2800 | 4.97E-13 | 2902 | 2.86E-13 | 3004 | 3.36E-13 | 3106 | 8.82E-13 |
| 1986 | -1.46E-13 | 2088 | -1.07E-13 | 2190 | 7.90E-14 | 2292 | -2.44E-14 | 2394 | 3.25E-14 | 2496 | 1.31E-14 | 2598 | 5.02E-14 | 2700 | 7.03E-14 | 2802 | 4.24E-13 | 2904 | 3.07E-13 | 3006 | 3.49E-13 | 3108 | 1.05E-12 |
| 1988 | -1.24E-13 | 2090 | 6.46E-14 | 2192 | -8.50E-14 | 2294 | 1.56E-14 | 2396 | -1.12E-15 | 2498 | 3.79E-14 | 2600 | 4.21E-14 | 2702 | 7.00E-14 | 2804 | 3.83E-13 | 2906 | 3.20E-13 | 3008 | 3.61E-13 | 3110 | 1.18E-12 |
| 1990 | -3.44E-14 | 2092 | 1.18E-13 | 2194 | -1.21E-14 | 2296 | 1.20E-13 | 2398 | 1.44E-16 | 2500 | 2.67E-14 | 2602 | 2.88E-14 | 2704 | 7.41E-14 | 2806 | 3.77E-13 | 2908 | 3.15E-13 | 3010 | 3.79E-13 | 3112 | 1.19E-12 |
| 1992 | -9.08E-14 | 2094 | 1.67E-13 | 2196 | 4.89E-15 | 2298 | 4.56E-14 | 2400 | 4.03E-14 | 2502 | 3.93E-14 | 2604 | 3.29E-14 | 2706 | 8.29E-14 | 2808 | 3.09E-13 | 2910 | 3.17E-13 | 3012 | 4.13E-13 | 3114 | 1.13E-12 |
| 1994 | -1.31E-14 | 2096 | -1.30E-13 | 2198 | -4.41E-14 | 2300 | 9.98E-15 | 2402 | 5.61E-14 | 2504 | 5.77E-14 | 2606 | 4.02E-14 | 2708 | 8.29E-14 | 2810 | 1.93E-13 | 2912 | 3.18E-13 | 3014 | 4.26E-13 | 3116 | 1.08E-12 |
| 1996 | 5.55E-14 | 2098 | -1.83E-13 | 2200 | 4.81E-14 | 2302 | 2.06E-14 | 2404 | 4.87E-14 | 2506 | 1.75E-14 | 2608 | 5.89E-14 | 2710 | 8.60E-14 | 2812 | 1.37E-13 | 2914 | 3.22E-13 | 3016 | 4.02E-13 | 3118 | 1.03E-12 |
| 1998 | 5.67E-14 | 2100 | -8.25E-14 | 2202 | -5.23E-14 | 2304 | -8.96E-15 | 2406 | -1.67E-15 | 2508 | -4.58E-15 | 2610 | 5.32E-14 | 2712 | 8.71E-14 | 2814 | 1.21E-13 | 2916 | 3.36E-13 | 3018 | 3.46E-13 | 3120 | 1.00E-12 |
| 2000 | -7.46E-14 | 2102 | 6.59E-14 | 2204 | 7.34E-15 | 2306 | -7.26E-14 | 2408 | 3.93E-14 | 2510 | 2.77E-14 | 2612 | 3.97E-14 | 2714 | 9.34E-14 | 2816 | 1.16E-13 | 2918 | 3.41E-13 | 3020 | 2.97E-13 | 3122 | 9.60E-13 |
| 2002 | -1.69E-13 | 2104 | 7.09E-14 | 2206 | -1.40E-14 | 2308 | -8.06E-14 | 2410 | 6.56E-14 | 2512 | 3.85E-14 | 2614 | 3.06E-14 | 2716 | 9.87E-14 | 2818 | 1.30E-13 | 2920 | 3.49E-13 | 3022 | 2.77E-13 | 3124 | 8.93E-13 |
| 2004 | 2.76E-14 | 2106 | -7.69E-14 | 2208 | -4.16E-14 | 2310 | 1.01E-14 | 2412 | 2.83E-14 | 2514 | 1.61E-14 | 2616 | 2.43E-14 | 2718 | 9.78E-14 | 2820 | 1.38E-13 | 2922 | 3.63E-13 | 3024 | 2.85E-13 | 3126 | 8.80E-13 |
| 2006 | -1.34E-13 | 2108 | -9.95E-14 | 2210 | 3.86E-14 | 2312 | -4.74E-15 | 2414 | 1.28E-14 | 2516 | 2.25E-14 | 2618 | 2.60E-14 | 2720 | 9.26E-14 | 2822 | 1.46E-13 | 2924 | 3.59E-13 | 3026 | 3.41E-13 | 3128 | 9.13E-13 |
| 2008 | -1.37E-13 | 2110 | 3.66E-14 | 2212 | 2.67E-14 | 2314 | -6.63E-14 | 2416 | -1.82E-14 | 2518 | 4.86E-14 | 2620 | 3.63E-14 | 2722 | 7.86E-14 | 2824 | 1.59E-13 | 2926 | 3.33E-13 | 3028 | 4.13E-13 | 3130 | 9.67E-13 |
| 2010 | -1.17E-13 | 2112 | 5.34E-14 | 2214 | -1.53E-15 | 2316 | -5.26E-14 | 2418 | 9.75E-15 | 2520 | 5.19E-14 | 2622 | 4.78E-14 | 2724 | 8.35E-14 | 2826 | 1.68E-13 | 2928 | 3.21E-13 | 3030 | 4.99E-13 | 3132 | 1.02E-12 |
| 2012 | -9.93E-14 | 2114 | -7.02E-14 | 2216 | 9.72E-14 | 2318 | 4.02E-14 | 2420 | 1.82E-14 | 2522 | 9.30E-15 | 2624 | 4.98E-14 | 2726 | 8.25E-14 | 2828 | 1.65E-13 | 2930 | 3.22E-13 | 3032 | 5.76E-13 | 3134 | 1.07E-12 |
| 2014 | -7.57E-15 | 2116 | 7.09E-14 | 2218 | 7.05E-14 | 2320 | 5.97E-14 | 2422 | 1.93E-14 | 2524 | 1.44E-14 | 2626 | 4.64E-14 | 2728 | 7.97E-14 | 2830 | 1.54E-13 | 2932 | 3.34E-13 | 3034 | 6.09E-13 | 3136 | 1.15E-12 |
| 2016 | 1.41E-13 | 2118 | 1.43E-13 | 2220 | 5.92E-14 | 2322 | 2.90E-14 | 2424 | 2.86E-14 | 2526 | 6.77E-15 | 2628 | 4.28E-14 | 2730 | 9.18E-14 | 2832 | 1.40E-13 | 2934 | 3.52E-13 | 3036 | 5.89E-13 | 3138 | 1.21E-12 |
| 2018 | -4.69E-15 | 2120 | -1.27E-13 | 2222 | 1.30E-15 | 2324 | 5.05E-14 | 2426 | 2.00E-14 | 2528 | 3.37E-14 | 2630 | 5.30E-14 | 2732 | 9.46E-14 | 2834 | 1.39E-13 | 2936 | 3.54E-13 | 3038 | 5.51E-13 | 3140 | 1.26E-12 |
| 2020 | -2.18E-13 | 2122 | 1.20E-13 | 2224 | -1.59E-14 | 2326 | 2.76E-14 | 2428 | 3.54E-14 | 2530 | 1.86E-14 | 2632 | 5.83E-14 | 2734 | 9.34E-14 | 2836 | 1.33E-13 | 2938 | 3.39E-13 | 3040 | 5.01E-13 | 3142 | 1.27E-12 |
| 2022 | -2.31E-13 | 2124 | 4.12E-14 | 2226 | 7.07E-15 | 2328 | 1.48E-14 | 2430 | 4.29E-14 | 2532 | -1.83E-15 | 2634 | 4.82E-14 | 2736 | 9.05E-14 | 2838 | 1.26E-13 | 2940 | 3.19E-13 | 3042 | 4.78E-13 | 3144 | 1.21E-12 |
| 2024 | 6.10E-15 | 2126 | -9.79E-14 | 2228 | 5.60E-14 | 2330 | 2.37E-14 | 2432 | 1.18E-14 | 2534 | 2.69E-14 | 2636 | 6.52E-14 | 2738 | 9.14E-14 | 2840 | 1.25E-13 | 2942 | 3.20E-13 | 3044 | 4.94E-13 | 3146 | 1.16E-12 |
| 2026 | 2.00E-14 | 2128 | 4.52E-14 | 2230 | 6.55E-14 | 2332 | -8.87E-15 | 2434 | 2.53E-14 | 2536 | 3.78E-14 | 2638 | 7.96E-14 | 2740 | 9.43E-14 | 2842 | 1.26E-13 | 2944 | 3.22E-13 | 3046 | 5.18E-13 | 3148 | 1.21E-12 |
| 2028 | -9.58E-14 | 2130 | 7.93E-14 | 2232 | 6.72E-14 | 2334 | 2.79E-14 | 2436 | -1.24E-14 | 2538 | 1.08E-14 | 2640 | 6.88E-14 | 2742 | 9.38E-14 | 2844 | 1.30E-13 | 2946 | 3.18E-13 | 3048 | 5.55E-13 | 3150 | 1.30E-12 |
| 2030 | -1.88E-13 | 2132 | -2.41E-14 | 2234 | 1.35E-14 | 2336 | 1.05E-13 | 2438 | -2.95E-15 | 2540 | 2.11E-14 | 2642 | 6.40E-14 | 2744 | 8.75E-14 | 2846 | 1.27E-13 | 2948 | 3.23E-13 | 3050 | 5.99E-13 | 3152 | 1.34E-12 |
| 2032 | -4.61E-14 | 2134 | -1.04E-13 | 2236 | 9.59E-15 | 2338 | 1.39E-13 | 2440 | 1.68E-14 | 2542 | 2.29E-14 | 2644 | | 2746 | 8.60E-14 | 2848 | | 2950 | 3.31E-13 | 3052 | 6.21E-13 | 3154 | 1.33E-12 |
| 2034 | 2.84E-14 | 2136 | -1.19E-13 | 2238 | -2.31E-14 | 2340 | 7.02E-14 | 2442 | -1.28E-14 | 2544 | 2.81E-14 | 2646 | | 2748 | 9.22E-14 | 2850 | | 2952 | 3.38E-13 | 3054 | | 3156 | 1.24E-12 |
| 2036 | -6.77E-14 | 2138 | -5.24E-15 | 2240 | 5.38E-14 | 2342 | 2.24E-15 | 2444 | -2.35E-14 | 2546 | 2.94E-15 | 2648 | | 2750 | 1.01E-13 | 2852 | | 2954 | 3.39E-13 | 3056 | | 3158 | 1.16E-12 |
| 2038 | -1.43E-13 | 2140 | -1.73E-14 | 2242 | 9.54E-14 | 2344 | 1.55E-14 | 2446 | -1.66E-14 | 2548 | 1.22E-15 | 2650 | | 2752 | 1.03E-13 | 2854 | | 2956 | 3.28E-13 | 3058 | | 3160 | 1.12E-12 |
| 2040 | -1.73E-13 | 2142 | -4.86E-15 | 2244 | -1.88E-14 | 2346 | 8.08E-15 | 2448 | 9.67E-15 | 2550 | 2.14E-14 | 2652 | 6.17E-14 | 2754 | 9.74E-14 | 2856 | | 2958 | 3.34E-13 | 3060 | | 3162 | 1.14E-12 |
| 2042 | -2.96E-14 | 2144 | -5.74E-15 | 2246 | -1.36E-14 | 2348 | 1.26E-14 | 2450 | 1.51E-14 | 2552 | 2.10E-14 | 2654 | 6.07E-14 | 2756 | 9.65E-14 | 2858 | 9.16E-14 | 2960 | 3.49E-13 | 3062 | | 3164 | 1.21E-12 |
| 2044 | 1.02E-13 | 2146 | 4.49E-14 | 2248 | 6.32E-14 | 2350 | 5.15E-14 | 2452 | 1.20E-14 | 2554 | 2.09E-14 | 2656 | 6.02E-14 | 2758 | 9.21E-14 | 2860 | 1.01E-13 | 2962 | 3.51E-13 | 3064 | 5.07E-13 | 3166 | 1.33E-12 |
| 2046 | -8.81E-14 | 2148 | 8.17E-14 | 2250 | 9.92E-14 | 2352 | 5.68E-14 | 2454 | | 2556 | 2.00E-14 | 2658 | 6.38E-14 | 2760 | 9.53E-14 | 2862 | 1.13E-13 | 2964 | 3.31E-13 | 3066 | 5.24E-13 | 3168 | 1.44E-12 |
| 2048 | -1.76E-14 | 2150 | -5.01E-14 | 2252 | 4.08E-14 | 2354 | -3.64E-14 | 2456 | | 2558 | 3.08E-14 | 2660 | 7.47E-14 | 2762 | 9.93E-14 | 2864 | 1.19E-13 | 2966 | 2.89E-13 | 3068 | 5.54E-13 | 3170 | 1.59E-12 |
| 2050 | -5.57E-14 | 2152 | -4.06E-14 | 2254 | 1.86E-14 | 2356 | -4.76E-14 | 2458 | 2.48E-14 | 2560 | 2.95E-14 | 2662 | 6.72E-14 | 2764 | 1.10E-13 | 2866 | 1.33E-13 | 2968 | 2.47E-13 | 3070 | 5.89E-13 | 3172 | 1.79E-12 |
| 2052 | -1.25E-13 | 2154 | -2.01E-14 | 2256 | 6.14E-14 | 2358 | -3.31E-14 | 2460 | 6.93E-15 | 2562 | 2.36E-14 | 2664 | 5.83E-14 | 2766 | 1.11E-13 | 2868 | 1.53E-13 | 2970 | 2.39E-13 | 3072 | 6.57E-13 | 3174 | 1.88E-12 |
| 2054 | 5.87E-14 | 2156 | 2.55E-14 | 2258 | 7.59E-14 | 2360 | -7.89E-15 | 2462 | -1.57E-14 | 2564 | 2.58E-14 | 2666 | 7.76E-14 | 2768 | 1.09E-13 | 2870 | 1.63E-13 | 2972 | 2.61E-13 | 3074 | 7.34E-13 | 3176 | 1.95E-12 |
| 2056 | 7.53E-14 | 2158 | -3.70E-14 | 2260 | 9.42E-14 | 2362 | 8.25E-15 | 2464 | -1.20E-14 | 2566 | 2.42E-14 | 2668 | 7.25E-14 | 2770 | 1.12E-13 | 2872 | 1.77E-13 | 2974 | 2.91E-13 | 3076 | 7.44E-13 | 3178 | 1.94E-12 |
| 2058 | 1.52E-13 | 2160 | 6.49E-14 | 2262 | -1.04E-14 | 2364 | -3.01E-15 | 2466 | 3.66E-14 | 2568 | 3.42E-14 | 2670 | 6.81E-14 | 2772 | 1.18E-13 | 2874 | 1.73E-13 | 2976 | 3.29E-13 | 3078 | 7.74E-13 | 3180 | 1.81E-12 |
| 2060 | 2.14E-13 | 2162 | 2.80E-14 | 2264 | 5.47E-14 | 2366 | 4.18E-14 | 2468 | 1.61E-14 | 2570 | 2.86E-14 | 2672 | 6.53E-14 | 2774 | 1.39E-13 | 2876 | 1.76E-13 | 2978 | 3.64E-13 | 3080 | 7.98E-13 | 3182 | 1.60E-12 |
| 2062 | 6.18E-14 | 2164 | -1.75E-14 | 2266 | 1.18E-13 | 2368 | 4.63E-14 | 2470 | 2.98E-14 | 2572 | 2.63E-14 | 2674 | 6.81E-14 | 2776 | 1.35E-13 | 2878 | 1.73E-13 | 2980 | 3.85E-13 | 3082 | 7.82E-13 | 3184 | 1.46E-12 |
| 2064 | -6.61E-14 | 2166 | 3.02E-14 | 2268 | 8.46E-14 | 2370 | -5.19E-15 | 2472 | 1.10E-14 | 2574 | 2.80E-14 | 2676 | 7.19E-14 | 2778 | 1.18E-13 | 2880 | 1.64E-13 | 2982 | 3.67E-13 | 3084 | 7.70E-13 | 3186 | 1.39E-12 |
| 2066 | -8.22E-14 | 2168 | -9.75E-14 | 2270 | 3.32E-14 | 2372 | 2.19E-14 | 2474 | 2.29E-14 | 2576 | 2.78E-14 | 2678 | 6.01E-14 | 2780 | 1.12E-13 | 2882 | 1.74E-13 | 2984 | 3.32E-13 | 3086 | 7.85E-13 | 3188 | 1.37E-12 |
| 2068 | 6.08E-14 | 2170 | 1.82E-14 | 2272 | -1.13E-14 | 2374 | 3.11E-14 | 2476 | 1.40E-14 | 2578 | 5.17E-15 | 2680 | 5.74E-14 | 2782 | 1.00E-13 | 2884 | 2.02E-13 | 2986 | 3.17E-13 | 3088 | 7.66E-13 | 3190 | 1.41E-12 |
| 2070 | 1.95E-14 | 2172 | 1.34E-13 | 2274 | 1.73E-14 | 2376 | 1.77E-14 | 2478 | 3.77E-14 | 2580 | 2.08E-14 | 2682 | 6.19E-14 | 2784 | 9.55E-14 | 2886 | 2.17E-13 | 2988 | 3.26E-13 | 3090 | 7.16E-13 | 3192 | 1.42E-12 |
| 2072 | 1.35E-14 | 2174 | -1.74E-14 | 2276 | 1.62E-14 | 2378 | 3.55E-14 | 2480 | 4.12E-14 | 2582 | 3.58E-14 | 2684 | 6.40E-14 | 2786 | 9.92E-14 | 2888 | 2.30E-13 | 2990 | 3.66E-13 | 3092 | 6.55E-13 | 3194 | 1.40E-12 |
| 2074 | -9.38E-14 | 2176 | -2.23E-17 | 2278 | 1.46E-14 | 2380 | 1.52E-14 | 2482 | -1.15E-14 | 2584 | 2.51E-14 | 2686 | 6.87E-14 | 2788 | 1.13E-13 | 2890 | 2.41E-13 | 2992 | 3.94E-13 | 3094 | 6.40E-13 | 3196 | 1.42E-12 |
| 2076 | -2.51E-15 | 2178 | 1.76E-13 | 2280 | -2.18E-14 | 2382 | 1.34E-14 | 2484 | -1.06E-14 | 2586 | 3.08E-14 | 2688 | 7.97E-14 | 2790 | 1.28E-13 | 2892 | 2.48E-13 | 2994 | 3.84E-13 | 3096 | 6.44E-13 | 3198 | 1.52E-12 |


HD 10380 K3- IIIb Ba 0.1 V=4.44 (B-V)=1.36 E(B-V)=0.10
LAP: LWP 7534, LWP 7535
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

**HD 35620 K3 III CN+2 V=5.07 (B-V)=1.40 E(B-V)=0.14**

**LAP: LWP 7027, LWP 7533**

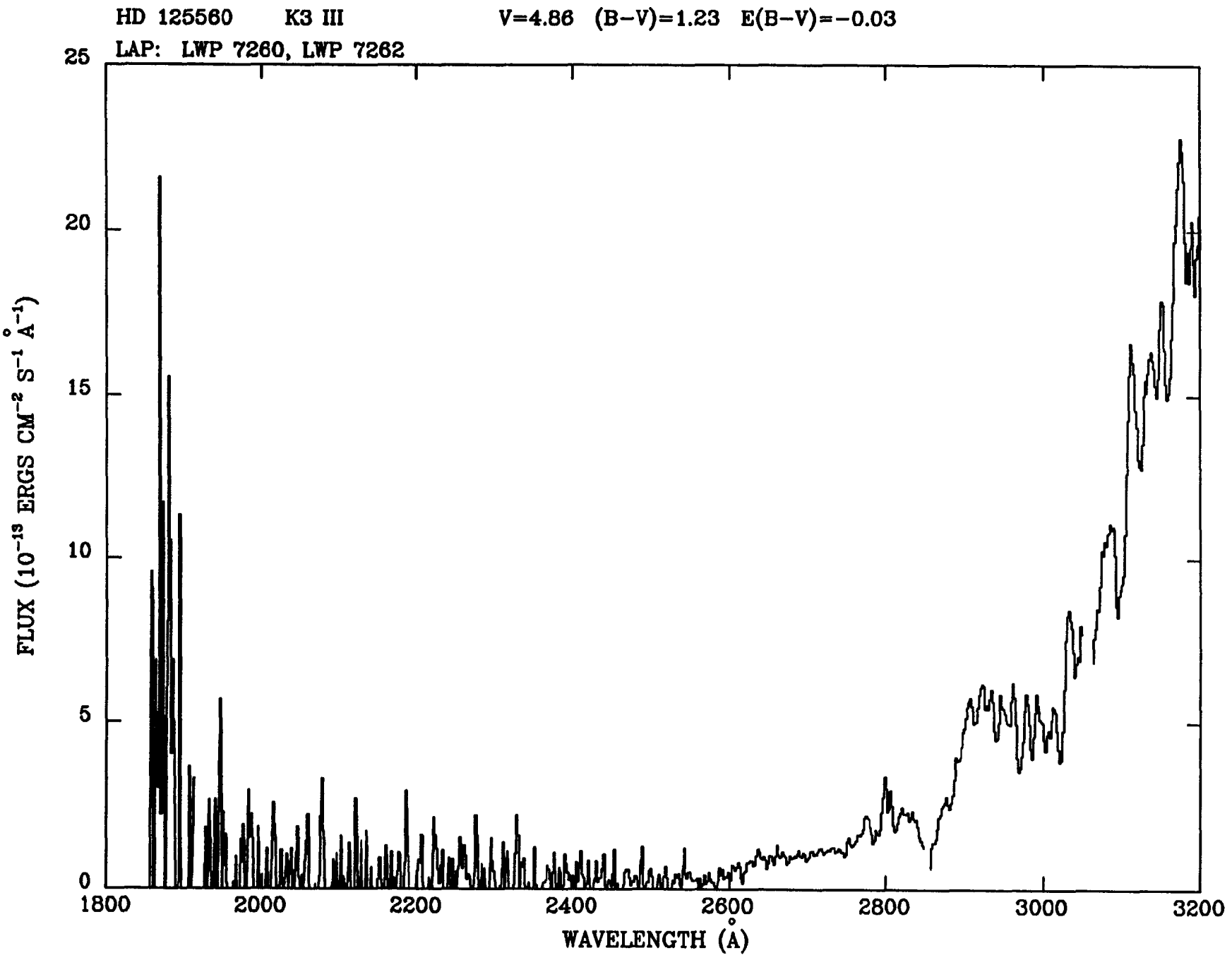
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | -3.15E-14 | 2078 | 8.71E-14 | 2180 | -1.74E-14 | 2282 | 1.95E-14 | 2384 | 1.53E-14 | 2486 | 1.21E-14 | 2588 | 1.71E-14 | 2690 | 4.07E-14 | 2792 | 1.01E-13 | 2894 | 1.35E-13 | 2996 | 1.88E-13 | 3098 | 3.33E-13 |
| 1978 | 2.87E-15 | 2080 | 4.12E-14 | 2182 | -7.22E-15 | 2284 | 2.98E-14 | 2386 | 1.20E-14 | 2488 | 1.61E-14 | 2590 | 1.72E-14 | 2692 | 3.55E-14 | 2794 | 1.20E-13 | 2896 | 1.34E-13 | 2998 | 1.82E-13 | 3100 | 3.54E-13 |
| 1980 | -2.07E-14 | 2082 | -1.83E-15 | 2184 | 1.62E-14 | 2286 | 3.80E-14 | 2388 | 1.29E-14 | 2490 | 1.44E-14 | 2592 | 1.45E-14 | 2694 | 3.64E-14 | 2796 | 1.30E-13 | 2898 | 1.50E-13 | 3000 | 1.71E-13 | 3102 | 4.05E-13 |
| 1982 | 6.45E-14 | 2084 | -2.97E-15 | 2186 | 6.47E-15 | 2288 | 1.96E-16 | 2390 | 2.18E-14 | 2492 | 8.26E-15 | 2594 | 1.29E-14 | 2696 | 3.77E-14 | 2798 | 1.61E-13 | 2900 | 1.60E-13 | 3002 | 1.72E-13 | 3104 | 4.66E-13 |
| 1984 | 5.45E-14 | 2086 | -2.80E-14 | 2188 | 3.24E-14 | 2290 | -1.04E-14 | 2392 | 1.69E-14 | 2494 | 7.75E-15 | 2596 | 1.50E-14 | 2698 | 3.88E-14 | 2800 | 1.96E-13 | 2902 | 1.66E-13 | 3004 | 1.81E-13 | 3106 | 5.23E-13 |
| 1986 | -6.49E-14 | 2088 | -1.90E-14 | 2190 | 1.41E-14 | 2292 | -6.58E-15 | 2394 | 1.80E-14 | 2496 | 6.29E-15 | 2598 | 2.23E-14 | 2700 | 4.18E-14 | 2802 | 1.61E-13 | 2904 | 1.73E-13 | 3006 | 1.89E-13 | 3108 | 5.69E-13 |
| 1988 | -4.18E-14 | 2090 | 8.57E-15 | 2192 | -4.78E-14 | 2294 | 1.27E-14 | 2396 | 6.67E-15 | 2498 | 2.00E-14 | 2600 | 1.91E-14 | 2702 | 4.17E-14 | 2804 | 1.39E-13 | 2906 | 1.75E-13 | 3008 | 1.89E-13 | 3110 | 6.07E-13 |
| 1990 | -5.34E-15 | 2092 | 4.23E-14 | 2194 | -4.47E-15 | 2296 | 6.13E-14 | 2398 | 4.39E-15 | 2500 | 1.25E-14 | 2602 | 1.41E-14 | 2704 | 4.14E-14 | 2806 | 1.18E-13 | 2908 | 1.72E-13 | 3010 | 2.00E-13 | 3112 | 6.13E-13 |
| 1992 | -3.40E-14 | 2094 | 6.00E-14 | 2196 | 8.47E-15 | 2298 | 4.16E-14 | 2400 | 1.23E-14 | 2502 | 1.48E-14 | 2604 | 1.65E-14 | 2706 | 4.32E-14 | 2808 | 9.31E-14 | 2910 | 1.70E-13 | 3012 | 2.09E-13 | 3114 | 5.81E-13 |
| 1994 | 2.80E-15 | 2096 | -6.64E-14 | 2198 | -5.74E-15 | 2300 | 1.84E-14 | 2402 | 1.80E-14 | 2504 | 2.61E-14 | 2606 | 2.16E-14 | 2708 | 4.40E-14 | 2810 | 7.50E-14 | 2912 | 1.74E-13 | 3014 | 1.96E-13 | 3116 | 5.39E-13 |
| 1996 | 2.52E-14 | 2098 | -5.69E-14 | 2200 | 2.86E-15 | 2302 | 1.64E-14 | 2404 | 2.66E-14 | 2506 | 1.26E-14 | 2608 | 2.37E-14 | 2710 | 4.76E-14 | 2812 | 6.81E-14 | 2914 | 1.80E-13 | 3016 | 1.74E-13 | 3118 | 5.08E-13 |
| 1998 | 9.88E-15 | 2100 | 7.51E-15 | 2202 | -2.88E-14 | 2304 | 1.39E-14 | 2406 | 8.97E-15 | 2508 | 6.76E-15 | 2610 | 2.13E-14 | 2712 | 5.01E-14 | 2814 | 6.62E-14 | 2916 | 1.87E-13 | 3018 | 1.56E-13 | 3120 | 5.01E-13 |
| 2000 | -1.78E-14 | 2102 | 4.61E-14 | 2204 | 7.70E-15 | 2306 | -1.42E-14 | 2408 | 1.44E-14 | 2510 | 1.69E-14 | 2612 | 2.09E-14 | 2714 | 5.26E-14 | 2816 | 7.13E-14 | 2918 | 1.86E-13 | 3020 | 1.49E-13 | 3122 | 4.95E-13 |
| 2002 | -4.37E-14 | 2104 | 3.50E-14 | 2206 | -9.62E-15 | 2308 | -1.26E-14 | 2410 | 2.34E-14 | 2512 | 1.68E-14 | 2614 | 1.89E-14 | 2716 | 5.02E-14 | 2818 | 7.91E-14 | 2920 | 1.82E-13 | 3022 | 1.59E-13 | 3124 | 4.94E-13 |
| 2004 | -7.65E-15 | 2106 | -1.39E-14 | 2208 | -2.26E-14 | 2310 | 4.15E-14 | 2412 | 1.17E-14 | 2514 | 1.01E-14 | 2616 | 1.94E-14 | 2718 | 4.37E-14 | 2820 | 8.23E-14 | 2922 | 1.82E-13 | 3024 | 1.80E-13 | 3126 | 5.03E-13 |
| 2006 | -3.19E-14 | 2108 | -2.63E-14 | 2210 | 1.91E-14 | 2312 | 2.41E-14 | 2414 | -3.40E-15 | 2516 | 1.52E-14 | 2618 | 2.11E-14 | 2720 | 4.07E-14 | 2822 | 8.60E-14 | 2924 | 1.78E-13 | 3026 | 2.12E-13 | 3128 | 5.15E-13 |
| 2008 | -6.69E-14 | 2110 | 3.72E-15 | 2212 | -1.54E-15 | 2314 | -7.39E-15 | 2416 | -9.14E-15 | 2518 | 2.26E-14 | 2620 | 2.11E-14 | 2722 | 4.45E-14 | 2824 | 8.72E-14 | 2926 | 1.69E-13 | 3028 | 2.48E-13 | 3130 | 5.35E-13 |
| 2010 | -5.07E-14 | 2112 | 2.10E-14 | 2214 | 2.36E-15 | 2316 | -2.35E-15 | 2418 | 1.20E-14 | 2520 | 1.55E-14 | 2622 | 2.13E-14 | 2724 | 5.09E-14 | 2826 | 8.36E-14 | 2928 | 1.67E-13 | 3030 | 2.81E-13 | 3132 | 5.54E-13 |
| 2012 | -4.41E-14 | 2114 | -1.48E-14 | 2216 | 4.13E-14 | 2318 | 3.79E-14 | 2420 | 1.36E-14 | 2522 | 1.11E-16 | 2624 | 2.44E-14 | 2726 | 5.13E-14 | 2828 | 8.14E-14 | 2930 | 1.76E-13 | 3032 | 3.08E-13 | 3134 | 5.82E-13 |
| 2014 | 2.27E-14 | 2116 | 3.12E-14 | 2218 | 3.97E-14 | 2320 | 3.29E-14 | 2422 | 8.97E-15 | 2524 | 2.60E-15 | 2626 | 2.72E-14 | 2728 | 5.26E-14 | 2830 | 7.72E-14 | 2932 | 1.84E-13 | 3034 | 3.09E-13 | 3136 | 6.18E-13 |
| 2016 | 7.99E-14 | 2118 | 4.28E-14 | 2220 | 3.23E-14 | 2322 | 1.13E-14 | 2424 | 1.10E-14 | 2526 | 8.58E-15 | 2628 | 2.60E-14 | 2730 | 5.35E-14 | 2832 | 7.12E-14 | 2934 | 1.82E-13 | 3036 | 2.97E-13 | 3138 | 6.49E-13 |
| 2018 | -4.36E-15 | 2120 | -4.79E-14 | 2222 | 1.45E-14 | 2324 | 3.07E-14 | 2426 | 6.25E-15 | 2528 | 1.73E-14 | 2630 | 3.02E-14 | 2732 | 5.26E-14 | 2834 | 7.03E-14 | 2936 | 1.70E-13 | 3038 | 2.78E-13 | 3140 | 6.65E-13 |
| 2020 | -8.46E-14 | 2122 | 6.73E-14 | 2224 | 2.14E-14 | 2326 | 3.60E-14 | 2428 | 1.55E-14 | 2530 | 8.56E-15 | 2632 | 3.04E-14 | 2734 | 5.15E-14 | 2836 | 6.84E-14 | 2938 | 1.65E-13 | 3040 | 2.68E-13 | 3142 | 6.60E-13 |
| 2022 | -6.73E-14 | 2124 | 2.18E-14 | 2226 | 2.47E-14 | 2328 | 3.24E-14 | 2430 | 2.17E-14 | 2532 | 3.85E-15 | 2634 | 2.86E-14 | 2736 | 4.99E-14 | 2838 | 6.82E-14 | 2940 | 1.63E-13 | 3042 | 2.63E-13 | 3144 | 6.42E-13 |
| 2024 | 1.30E-14 | 2126 | -3.89E-14 | 2228 | 2.46E-14 | 2330 | 3.38E-14 | 2432 | 9.70E-15 | 2534 | 1.79E-14 | 2636 | 3.84E-14 | 2738 | 4.94E-14 | 2840 | 6.83E-14 | 2942 | 1.64E-13 | 3044 | 2.65E-13 | 3146 | 6.39E-13 |
| 2026 | 1.68E-14 | 2128 | 2.80E-14 | 2230 | 3.20E-14 | 2332 | 1.97E-14 | 2434 | 1.27E-14 | 2536 | 1.69E-14 | 2638 | 4.15E-14 | 2740 | 4.83E-14 | 2842 | 6.91E-14 | 2944 | 1.66E-13 | 3046 | 2.72E-13 | 3148 | 6.80E-13 |
| 2028 | -1.57E-14 | 2130 | 3.72E-14 | 2232 | 3.48E-14 | 2334 | 2.40E-14 | 2436 | -4.26E-15 | 2538 | 6.14E-15 | 2640 | 3.69E-14 | 2742 | 4.69E-14 | 2844 | 7.02E-14 | 2946 | 1.65E-13 | 3048 | 2.92E-13 | 3150 | 7.09E-13 |
| 2030 | -6.14E-14 | 2132 | -2.35E-14 | 2234 | 3.52E-15 | 2336 | 4.79E-14 | 2438 | 7.04E-15 | 2540 | 9.65E-15 | 2642 | 3.84E-14 | 2744 | 4.71E-14 | 2846 | 6.57E-14 | 2948 | 1.67E-13 | 3050 | 3.18E-13 | 3152 | 7.03E-13 |
| 2032 | 1.14E-14 | 2134 | -3.91E-14 | 2236 | -5.03E-15 | 2338 | 5.85E-14 | 2440 | 2.04E-14 | 2542 | 1.15E-14 | 2644 | | 2746 | 5.02E-14 | 2848 | | 2950 | 1.72E-13 | 3052 | 3.32E-13 | 3154 | 6.68E-13 |
| 2034 | 1.70E-14 | 2136 | -2.34E-14 | 2238 | -6.99E-15 | 2340 | 2.60E-14 | 2442 | 7.54E-15 | 2544 | 1.69E-14 | 2646 | | 2748 | 5.19E-14 | 2850 | | 2952 | 1.76E-13 | 3054 | | 3156 | 6.24E-13 |
| 2036 | -4.15E-15 | 2138 | 9.20E-15 | 2240 | 1.81E-14 | 2342 | 2.16E-15 | 2444 | -4.87E-15 | 2546 | 9.94E-15 | 2648 | | 2750 | 5.14E-14 | 2852 | | 2954 | 1.74E-13 | 3056 | | 3158 | 6.03E-13 |
| 2038 | -2.48E-14 | 2140 | -1.89E-14 | 2242 | 3.32E-14 | 2344 | 6.61E-15 | 2446 | -6.79E-16 | 2548 | 1.13E-14 | 2650 | | 2752 | 5.18E-14 | 2854 | | 2956 | 1.74E-13 | 3058 | | 3160 | 6.20E-13 |
| 2040 | -4.37E-14 | 2142 | -8.31E-15 | 2244 | -8.68E-15 | 2346 | 7.15E-15 | 2448 | 5.14E-15 | 2550 | 1.81E-14 | 2652 | 3.58E-14 | 2754 | 5.39E-14 | 2856 | | 2958 | 1.81E-13 | 3060 | | 3162 | 6.69E-13 |
| 2042 | 8.27E-15 | 2144 | 8.81E-15 | 2246 | 4.55E-15 | 2348 | 1.31E-14 | 2450 | 3.57E-15 | 2552 | 1.69E-14 | 2654 | 3.44E-14 | 2756 | 5.56E-14 | 2858 | 6.28E-14 | 2960 | 1.86E-13 | 3062 | | 3164 | 7.27E-13 |
| 2044 | 4.39E-14 | 2146 | 1.57E-14 | 2248 | 4.37E-14 | 2350 | 2.71E-14 | 2452 | 1.72E-14 | 2554 | 1.54E-14 | 2656 | 3.15E-14 | 2758 | 5.65E-14 | 2860 | 7.11E-14 | 2962 | 1.78E-13 | 3064 | 2.81E-13 | 3166 | 8.05E-13 |
| 2046 | -2.92E-14 | 2148 | 1.59E-14 | 2250 | 4.78E-14 | 2352 | 3.63E-14 | 2454 | 2.72E-14 | 2556 | 1.38E-14 | 2658 | 3.68E-14 | 2760 | 5.69E-14 | 2862 | 7.51E-14 | 2964 | 1.64E-13 | 3066 | 2.92E-13 | 3168 | 8.67E-13 |
| 2048 | 8.51E-15 | 2150 | -1.34E-14 | 2252 | 1.98E-14 | 2354 | 1.44E-15 | 2456 | 6.95E-15 | 2558 | 1.95E-14 | 2660 | 4.68E-14 | 2762 | 5.80E-14 | 2864 | 7.27E-14 | 2966 | 1.46E-13 | 3068 | 3.20E-13 | 3170 | 9.11E-13 |
| 2050 | -5.70E-15 | 2152 | -2.34E-14 | 2254 | 1.50E-14 | 2356 | -1.88E-15 | 2458 | 1.86E-15 | 2560 | 1.81E-14 | 2662 | 4.07E-14 | 2764 | 6.38E-14 | 2866 | 7.84E-14 | 2968 | 1.35E-13 | 3070 | 3.44E-13 | 3172 | 9.61E-13 |
| 2052 | -3.16E-14 | 2154 | -1.22E-14 | 2256 | 2.78E-14 | 2358 | 3.86E-15 | 2460 | 2.63E-15 | 2562 | 1.19E-14 | 2664 | 3.64E-14 | 2766 | 6.62E-14 | 2868 | 8.69E-14 | 2970 | 1.40E-13 | 3072 | 3.55E-13 | 3174 | 9.84E-13 |
| 2054 | 2.71E-14 | 2156 | 1.07E-14 | 2258 | 3.12E-14 | 2360 | 1.54E-14 | 2462 | 3.90E-16 | 2564 | 1.47E-14 | 2666 | 4.50E-14 | 2768 | 6.48E-14 | 2870 | 9.21E-14 | 2972 | 1.54E-13 | 3074 | 3.76E-13 | 3176 | 9.75E-13 |
| 2056 | 2.81E-14 | 2158 | -8.25E-15 | 2260 | 2.27E-14 | 2362 | 7.45E-15 | 2464 | -1.59E-15 | 2566 | 1.38E-14 | 2668 | 4.05E-14 | 2770 | 6.24E-14 | 2872 | 9.45E-14 | 2974 | 1.70E-13 | 3076 | 3.83E-13 | 3178 | 9.34E-13 |
| 2058 | 6.64E-14 | 2160 | 3.54E-14 | 2262 | -2.29E-15 | 2364 | 1.25E-15 | 2466 | 1.31E-14 | 2568 | 2.19E-14 | 2670 | 3.47E-14 | 2772 | 6.35E-14 | 2874 | 9.66E-14 | 2976 | 1.89E-13 | 3078 | 3.88E-13 | 3180 | 8.83E-13 |
| 2060 | 9.07E-14 | 2162 | 1.81E-14 | 2264 | 4.11E-14 | 2366 | 1.93E-14 | 2468 | 7.78E-15 | 2570 | 1.94E-14 | 2672 | 3.79E-14 | 2774 | 6.98E-14 | 2876 | 9.69E-14 | 2978 | 1.97E-13 | 3080 | 3.95E-13 | 3182 | 8.18E-13 |
| 2062 | 4.38E-14 | 2164 | -5.24E-15 | 2266 | 5.28E-14 | 2368 | 2.28E-14 | 2470 | 1.82E-14 | 2572 | 1.51E-14 | 2674 | 4.26E-14 | 2776 | 6.72E-14 | 2878 | 9.65E-14 | 2980 | 1.91E-13 | 3082 | 3.97E-13 | 3184 | 7.86E-13 |
| 2064 | 1.14E-15 | 2166 | -5.56E-16 | 2268 | 3.20E-14 | 2370 | 5.17E-15 | 2472 | 5.98E-15 | 2574 | 1.62E-14 | 2676 | 4.20E-14 | 2778 | 6.35E-14 | 2880 | 9.64E-14 | 2982 | 1.77E-13 | 3084 | 4.06E-13 | 3186 | 7.75E-13 |
| 2066 | 9.89E-15 | 2168 | -4.54E-14 | 2270 | 1.26E-14 | 2372 | 9.85E-15 | 2474 | 7.06E-15 | 2576 | 1.99E-14 | 2678 | 3.64E-14 | 2780 | 6.47E-14 | 2882 | 1.02E-13 | 2984 | 1.66E-13 | 3086 | 4.14E-13 | 3188 | 7.76E-13 |
| 2068 | 4.15E-14 | 2170 | 1.18E-14 | 2272 | -3.09E-15 | 2374 | 1.29E-14 | 2476 | 1.60E-15 | 2578 | 1.10E-14 | 2680 | 3.75E-14 | 2782 | 6.31E-14 | 2884 | 1.13E-13 | 2986 | 1.68E-13 | 3088 | 4.01E-13 | 3190 | 7.80E-13 |
| 2070 | 1.76E-15 | 2172 | 3.75E-14 | 2274 | 1.69E-14 | 2376 | 1.08E-14 | 2478 | 1.14E-14 | 2580 | 1.50E-14 | 2682 | 3.93E-14 | 2784 | 6.42E-14 | 2886 | 1.19E-13 | 2988 | 1.69E-13 | 3090 | 3.87E-13 | 3192 | 7.64E-13 |
| 2072 | 7.08E-15 | 2174 | -1.97E-14 | 2276 | 3.53E-14 | 2378 | 8.17E-15 | 2480 | 1.11E-14 | 2582 | 1.59E-14 | 2684 | 3.79E-14 | 2786 | 6.03E-14 | 2888 | 1.24E-13 | 2990 | 1.90E-13 | 3092 | 3.64E-13 | 3194 | 7.60E-13 |
| 2074 | -1.01E-14 | 2176 | -4.42E-15 | 2278 | 2.41E-14 | 2380 | 3.88E-15 | 2482 | -5.07E-15 | 2584 | 1.13E-14 | 2686 | 3.86E-14 | 2788 | 6.36E-14 | 2890 | 1.30E-13 | 2992 | 2.03E-13 | 3094 | 3.45E-13 | 3196 | 8.12E-13 |
| 2076 | 3.66E-14 | 2178 | 5.28E-14 | 2280 | -1.45E-15 | 2382 | 1.16E-14 | 2484 | 1.81E-15 | 2586 | 1.52E-14 | 2688 | 4.21E-14 | 2790 | 7.83E-14 | 2892 | 1.36E-13 | 2994 | 1.96E-13 | 3096 | 3.37E-13 | 3198 | 8.69E-13 |


HD 35620 K3 III CN+2 V=5.07 (B−V)=1.40 E(B−V)=0.14
LAP: LWP 7027, LWP 7533
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 125560 K3 III V=4.86 (B-V)=1.23 E(B-V)=-0.03**

**LAP: LWP 7260, LWP 7262**

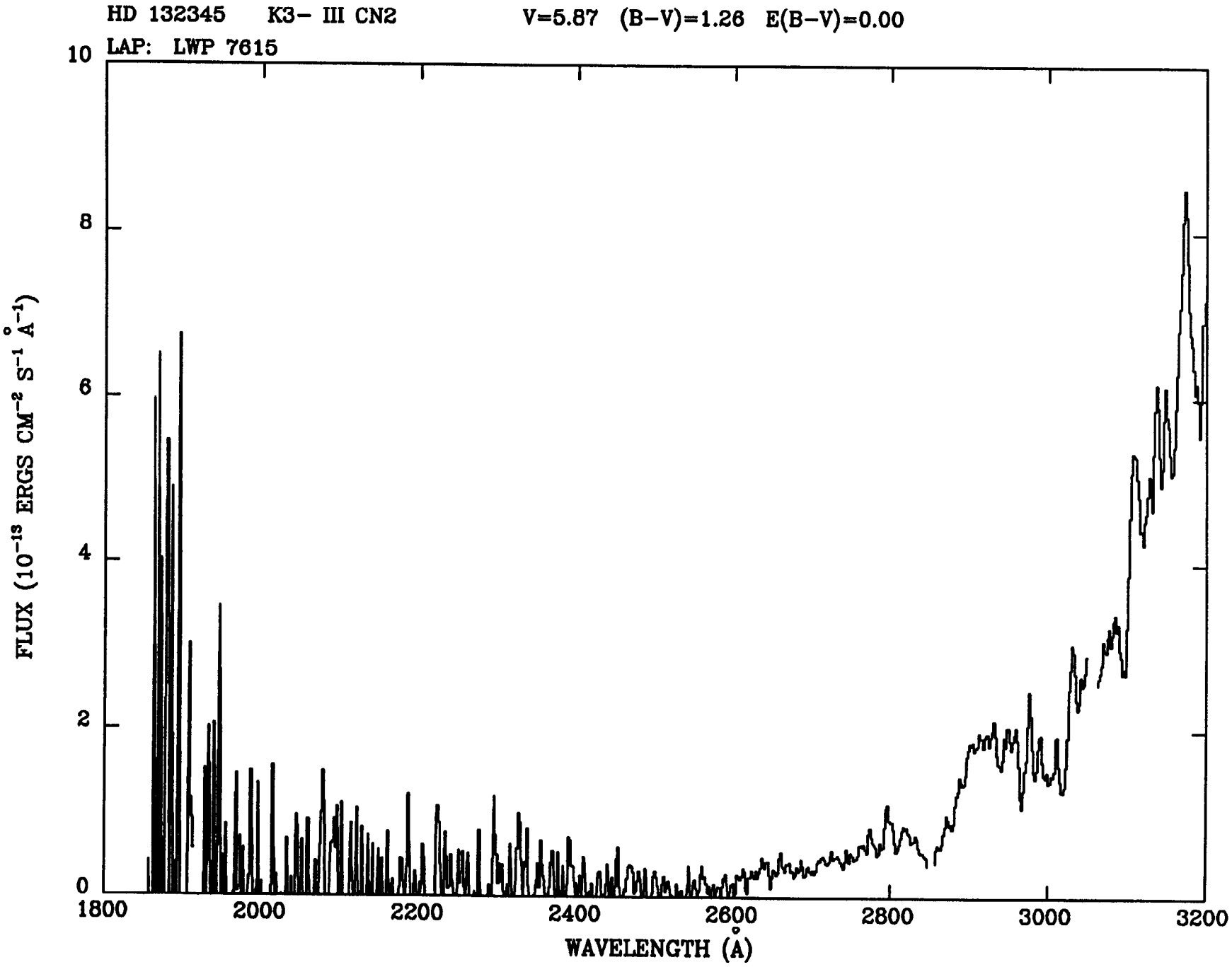
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.47E-13 | 2078 | 2.52E-13 | 2180 | -7.90E-14 | 2282 | -1.53E-14 | 2384 | 4.30E-14 | 2486 | 5.07E-14 | 2588 | 5.60E-14 | 2690 | 1.02E-13 | 2792 | 1.70E-13 | 2894 | 3.94E-13 | 2996 | 5.07E-13 | 3098 | 9.10E-13 |
| 1978 | -1.06E-14 | 2080 | 6.55E-14 | 2182 | -8.31E-14 | 2284 | 1.69E-14 | 2386 | 3.73E-15 | 2488 | 1.15E-13 | 2590 | 4.70E-14 | 2692 | 9.56E-14 | 2794 | 2.02E-13 | 2896 | 4.28E-13 | 2998 | 5.02E-13 | 3100 | 9.28E-13 |
| 1980 | -1.31E-13 | 2082 | -3.79E-14 | 2184 | 1.21E-13 | 2286 | 4.20E-14 | 2388 | 3.59E-14 | 2490 | 2.90E-14 | 2592 | 4.65E-14 | 2694 | 1.08E-13 | 2796 | 2.56E-13 | 2898 | 4.74E-13 | 3000 | 4.67E-13 | 3102 | 9.83E-13 |
| 1982 | 1.87E-13 | 2084 | -1.81E-14 | 2186 | 2.80E-13 | 2288 | 7.24E-15 | 2390 | 9.32E-14 | 2492 | -4.42E-15 | 2594 | 3.34E-14 | 2696 | 1.02E-13 | 2798 | 3.14E-13 | 2900 | 4.89E-13 | 3002 | 4.27E-13 | 3104 | 1.13E-12 |
| 1984 | 1.76E-13 | 2086 | -6.03E-14 | 2188 | 1.89E-13 | 2290 | -9.01E-14 | 2392 | 6.34E-14 | 2494 | 1.95E-14 | 2596 | 3.71E-14 | 2698 | 8.57E-14 | 2800 | 3.14E-13 | 2902 | 5.24E-13 | 3004 | 4.53E-13 | 3106 | 1.32E-12 |
| 1986 | 2.15E-13 | 2088 | -2.70E-14 | 2190 | 3.26E-15 | 2292 | -1.21E-13 | 2394 | 3.77E-14 | 2496 | 2.23E-14 | 2598 | 4.48E-14 | 2700 | 9.06E-14 | 2802 | 2.50E-13 | 2904 | 5.53E-13 | 3006 | 4.77E-13 | 3108 | 1.48E-12 |
| 1988 | 1.69E-13 | 2090 | 1.22E-14 | 2192 | -1.03E-13 | 2294 | 1.48E-13 | 2396 | 3.46E-14 | 2498 | 5.43E-14 | 2600 | 3.69E-14 | 2702 | 9.95E-14 | 2804 | 2.39E-13 | 2906 | 5.69E-13 | 3008 | 4.61E-13 | 3110 | 1.61E-12 |
| 1990 | -5.68E-14 | 2092 | 8.30E-14 | 2194 | -2.83E-14 | 2296 | 7.87E-14 | 2398 | 7.50E-15 | 2500 | 5.40E-14 | 2602 | 2.74E-14 | 2704 | 1.13E-13 | 2806 | 2.88E-13 | 2908 | 5.64E-13 | 3010 | 5.10E-13 | 3112 | 1.63E-12 |
| 1992 | -1.80E-13 | 2094 | -3.44E-14 | 2196 | -5.72E-16 | 2298 | 4.94E-14 | 2400 | -3.51E-14 | 2502 | 2.70E-14 | 2604 | 6.14E-14 | 2706 | 1.09E-13 | 2808 | 2.55E-13 | 2910 | 5.25E-13 | 3012 | 5.48E-13 | 3114 | 1.58E-12 |
| 1994 | -6.79E-14 | 2096 | 8.35E-14 | 2198 | -6.16E-15 | 2300 | 1.32E-14 | 2402 | -1.06E-14 | 2504 | -3.38E-15 | 2606 | 6.76E-14 | 2708 | 1.03E-13 | 2810 | 1.94E-13 | 2912 | 5.01E-13 | 3014 | 5.43E-13 | 3116 | 1.50E-12 |
| 1996 | 6.72E-14 | 2098 | -4.07E-14 | 2200 | 3.77E-14 | 2302 | -3.27E-14 | 2404 | 6.68E-14 | 2506 | -9.88E-15 | 2608 | 5.63E-14 | 2710 | 1.04E-13 | 2812 | 1.74E-13 | 2914 | 5.04E-13 | 3016 | 5.18E-13 | 3118 | 1.42E-12 |
| 1998 | -1.84E-13 | 2100 | -1.81E-14 | 2202 | 7.98E-14 | 2304 | -1.37E-14 | 2406 | 2.66E-14 | 2508 | 1.40E-14 | 2610 | 6.59E-14 | 2712 | 1.09E-13 | 2814 | 1.82E-13 | 2916 | 5.34E-13 | 3018 | 4.60E-13 | 3120 | 1.33E-12 |
| 2000 | -1.08E-13 | 2102 | 8.55E-14 | 2204 | 7.87E-14 | 2306 | 7.39E-15 | 2408 | 6.51E-14 | 2510 | 3.90E-14 | 2612 | 7.67E-14 | 2714 | 1.18E-13 | 2816 | 2.04E-13 | 2918 | 5.76E-13 | 3020 | 4.07E-13 | 3122 | 1.29E-12 |
| 2002 | -1.76E-13 | 2104 | -1.44E-14 | 2206 | 1.56E-13 | 2308 | 3.20E-14 | 2410 | 1.06E-13 | 2512 | 1.49E-14 | 2614 | 5.98E-14 | 2716 | 1.22E-13 | 2818 | 2.23E-13 | 2920 | 6.04E-13 | 3022 | 3.85E-13 | 3124 | 1.28E-12 |
| 2004 | -3.56E-14 | 2106 | 1.81E-14 | 2208 | 1.83E-14 | 2310 | 1.03E-13 | 2412 | 4.15E-14 | 2514 | 2.07E-15 | 2616 | 2.96E-14 | 2718 | 1.15E-13 | 2820 | 2.36E-13 | 2922 | 6.16E-13 | 3024 | 4.28E-13 | 3126 | 1.36E-12 |
| 2006 | 1.13E-13 | 2108 | -4.23E-14 | 2210 | -4.08E-14 | 2312 | 4.41E-14 | 2414 | 2.58E-14 | 2516 | 2.91E-14 | 2618 | 2.86E-14 | 2720 | 1.06E-13 | 2822 | 2.36E-13 | 2924 | 6.09E-13 | 3026 | 5.47E-13 | 3128 | 1.51E-12 |
| 2008 | 3.11E-14 | 2110 | 1.06E-14 | 2212 | -4.44E-14 | 2314 | 6.14E-14 | 2416 | 6.50E-15 | 2518 | 6.07E-14 | 2620 | 5.09E-14 | 2722 | 1.09E-13 | 2824 | 2.26E-13 | 2926 | 5.45E-13 | 3028 | 6.93E-13 | 3130 | 1.54E-12 |
| 2010 | -2.39E-13 | 2112 | 1.12E-13 | 2214 | -1.57E-15 | 2316 | 1.06E-13 | 2418 | 3.93E-14 | 2520 | 3.87E-14 | 2622 | 6.56E-14 | 2724 | 1.13E-13 | 2826 | 2.25E-13 | 2928 | 5.53E-13 | 3030 | 8.01E-13 | 3132 | 1.53E-12 |
| 2012 | -4.60E-14 | 2114 | 2.84E-14 | 2216 | 9.39E-15 | 2318 | 1.09E-14 | 2420 | 6.39E-14 | 2522 | 3.74E-15 | 2624 | 7.86E-14 | 2726 | 1.16E-13 | 2828 | 2.28E-13 | 2930 | 5.50E-13 | 3032 | 8.40E-13 | 3134 | 1.59E-12 |
| 2014 | 1.91E-13 | 2116 | -7.25E-15 | 2218 | -4.33E-14 | 2320 | -9.77E-14 | 2422 | -1.35E-14 | 2524 | -1.34E-15 | 2626 | 8.19E-14 | 2728 | 1.16E-13 | 2830 | 2.13E-13 | 2932 | 5.82E-13 | 3034 | 8.19E-13 | 3136 | 1.62E-12 |
| 2016 | 2.34E-13 | 2118 | 4.45E-16 | 2220 | 7.38E-14 | 2322 | -8.22E-14 | 2424 | -6.24E-14 | 2526 | -7.99E-15 | 2628 | 8.44E-14 | 2730 | 1.23E-13 | 2832 | 2.12E-13 | 2934 | 5.90E-13 | 3036 | 7.93E-13 | 3138 | 1.62E-12 |
| 2018 | 1.13E-13 | 2120 | 2.56E-13 | 2222 | 1.88E-13 | 2324 | 2.17E-14 | 2426 | -1.06E-14 | 2528 | 2.47E-14 | 2630 | 7.47E-14 | 2732 | 1.23E-13 | 2834 | 2.30E-13 | 2936 | 5.30E-13 | 3038 | 7.20E-13 | 3140 | 1.59E-12 |
| 2020 | -6.91E-14 | 2122 | 2.02E-13 | 2224 | 1.38E-13 | 2326 | 4.22E-13 | 2428 | 2.72E-14 | 2530 | 2.48E-14 | 2632 | 7.17E-14 | 2734 | 1.19E-13 | 2836 | 2.13E-13 | 2938 | 4.65E-13 | 3040 | 6.44E-13 | 3142 | 1.55E-12 |
| 2022 | -6.12E-14 | 2124 | -9.07E-14 | 2226 | 7.92E-14 | 2328 | 2.04E-13 | 2430 | 6.91E-14 | 2532 | 4.07E-14 | 2634 | 9.64E-14 | 2736 | 1.11E-13 | 2838 | 2.05E-13 | 2940 | 4.53E-13 | 3042 | 6.83E-13 | 3144 | 1.51E-12 |
| 2024 | 7.30E-14 | 2126 | -7.14E-15 | 2228 | 2.85E-14 | 2330 | 1.14E-13 | 2432 | 3.23E-14 | 2534 | 3.90E-14 | 2636 | 1.18E-13 | 2738 | 1.16E-13 | 2840 | 2.06E-13 | 2942 | 4.83E-13 | 3044 | 7.00E-13 | 3146 | 1.54E-12 |
| 2026 | 6.11E-14 | 2128 | 9.87E-14 | 2230 | 5.64E-14 | 2332 | 3.07E-14 | 2434 | 3.04E-14 | 2536 | 3.04E-14 | 2638 | 1.09E-13 | 2740 | 1.20E-13 | 2842 | 1.83E-13 | 2944 | 5.57E-13 | 3046 | 7.17E-13 | 3148 | 1.68E-12 |
| 2028 | 1.89E-15 | 2130 | -4.90E-14 | 2232 | 1.07E-13 | 2334 | 7.18E-14 | 2436 | 3.33E-14 | 2538 | 4.30E-15 | 2640 | 9.20E-14 | 2742 | 1.13E-13 | 2844 | 1.53E-13 | 2946 | 5.61E-13 | 3048 | 7.88E-13 | 3150 | 1.78E-12 |
| 2030 | 4.98E-14 | 2132 | -5.70E-14 | 2234 | 1.34E-14 | 2336 | 7.70E-14 | 2438 | 6.12E-14 | 2540 | 4.14E-14 | 2642 | 9.14E-14 | 2744 | 1.11E-13 | 2846 | 1.41E-13 | 2948 | 5.46E-13 | 3050 | 7.71E-13 | 3152 | 1.78E-12 |
| 2032 | 9.69E-14 | 2134 | 7.26E-14 | 2236 | -1.27E-13 | 2338 | 4.55E-14 | 2440 | 8.79E-14 | 2542 | 1.04E-13 | 2644 | 9.51E-14 | 2746 | 1.01E-13 | 2848 | 1.30E-13 | 2950 | 5.33E-13 | 3052 | | 3154 | 1.64E-12 |
| 2034 | 2.84E-15 | 2136 | 6.32E-15 | 2238 | -8.92E-15 | 2340 | -4.14E-14 | 2442 | 6.03E-15 | 2544 | 6.15E-14 | 2646 | 7.95E-14 | 2748 | 1.02E-13 | 2850 | 1.25E-13 | 2952 | 5.12E-13 | 3054 | | 3156 | 1.53E-12 |
| 2036 | 8.25E-14 | 2138 | -1.32E-13 | 2240 | 8.17E-14 | 2342 | -1.41E-14 | 2444 | 5.65E-15 | 2546 | 3.38E-14 | 2648 | 6.60E-14 | 2750 | 1.40E-13 | 2852 | | 2954 | 5.01E-13 | 3056 | | 3158 | 1.49E-12 |
| 2038 | 8.48E-14 | 2140 | 3.12E-15 | 2242 | 1.84E-14 | 2344 | 8.20E-15 | 2446 | 2.64E-14 | 2548 | 4.74E-14 | 2650 | 8.67E-14 | 2752 | 1.51E-13 | 2854 | | 2956 | 4.99E-13 | 3058 | | 3160 | 1.52E-12 |
| 2040 | -9.50E-14 | 2142 | 2.49E-14 | 2244 | 2.86E-14 | 2346 | -4.23E-14 | 2448 | 1.73E-14 | 2550 | 5.01E-14 | 2652 | 9.96E-14 | 2754 | 1.34E-13 | 2856 | 6.38E-14 | 2958 | 5.11E-13 | 3060 | | 3162 | 1.59E-12 |
| 2042 | 1.37E-14 | 2144 | -3.38E-14 | 2246 | 3.72E-14 | 2348 | -5.68E-15 | 2450 | 2.38E-14 | 2552 | 3.38E-14 | 2654 | 9.07E-14 | 2756 | 1.28E-13 | 2858 | 1.04E-13 | 2960 | 5.80E-13 | 3062 | 6.85E-13 | 3164 | 1.71E-12 |
| 2044 | 1.33E-13 | 2146 | -1.06E-13 | 2248 | -9.96E-15 | 2350 | 1.17E-13 | 2452 | 8.39E-14 | 2554 | 2.52E-14 | 2656 | 7.69E-14 | 2758 | 1.32E-13 | 2860 | 1.35E-13 | 2962 | 6.06E-13 | 3064 | 7.46E-13 | 3166 | 1.87E-12 |
| 2046 | 1.32E-13 | 2148 | -1.12E-14 | 2250 | 2.48E-14 | 2352 | 1.16E-14 | 2454 | 4.91E-14 | 2556 | 2.66E-14 | 2658 | 9.10E-14 | 2760 | 1.39E-13 | 2862 | 1.39E-13 | 2964 | 5.45E-13 | 3066 | 7.86E-13 | 3168 | 2.00E-12 |
| 2048 | 1.66E-14 | 2150 | 3.12E-14 | 2252 | 3.70E-14 | 2354 | -5.66E-16 | 2456 | 1.20E-14 | 2558 | 2.68E-14 | 2660 | 1.23E-13 | 2762 | 1.51E-13 | 2864 | 1.49E-13 | 2966 | 4.51E-13 | 3068 | 8.45E-13 | 3170 | 2.08E-12 |
| 2050 | 1.74E-14 | 2152 | 8.57E-14 | 2254 | 1.19E-13 | 2356 | -8.74E-15 | 2458 | 4.52E-15 | 2560 | 2.28E-14 | 2662 | 1.07E-13 | 2764 | 1.63E-13 | 2866 | 1.79E-13 | 2968 | 3.73E-13 | 3070 | 8.50E-13 | 3172 | 2.18E-12 |
| 2052 | 1.08E-14 | 2154 | 1.77E-14 | 2256 | 1.39E-13 | 2358 | -7.41E-15 | 2460 | -1.27E-14 | 2562 | 1.32E-14 | 2664 | 9.50E-14 | 2766 | 1.62E-13 | 2868 | 2.16E-13 | 2970 | 3.61E-13 | 3072 | 9.34E-13 | 3174 | 2.26E-12 |
| 2054 | 6.05E-14 | 2156 | -4.64E-14 | 2258 | 7.82E-14 | 2360 | 6.42E-15 | 2462 | -3.46E-14 | 2564 | 2.14E-14 | 2666 | 9.68E-14 | 2768 | 1.64E-13 | 2870 | 2.26E-13 | 2972 | 3.88E-13 | 3074 | 1.02E-12 | 3176 | 2.25E-12 |
| 2056 | 1.30E-13 | 2158 | -1.15E-14 | 2260 | 1.15E-13 | 2362 | 1.91E-14 | 2464 | 1.07E-14 | 2566 | 1.09E-14 | 2668 | 1.10E-13 | 2770 | 1.75E-13 | 2872 | 2.47E-13 | 2974 | 4.34E-13 | 3076 | 1.02E-12 | 3178 | 2.17E-12 |
| 2058 | 2.01E-13 | 2160 | 1.18E-13 | 2262 | 1.03E-13 | 2364 | 2.24E-14 | 2466 | 5.00E-14 | 2568 | 2.89E-14 | 2670 | 1.00E-13 | 2772 | 2.01E-13 | 2874 | 2.55E-13 | 2976 | 5.20E-13 | 3078 | 1.05E-12 | 3180 | 1.99E-12 |
| 2060 | 4.29E-14 | 2162 | 2.66E-14 | 2264 | 3.28E-14 | 2366 | 4.98E-14 | 2468 | 5.89E-14 | 2570 | 2.43E-14 | 2672 | 9.02E-14 | 2774 | 2.20E-13 | 2876 | 2.67E-13 | 2978 | 5.81E-13 | 3080 | 1.06E-12 | 3182 | 1.86E-12 |
| 2062 | -1.11E-13 | 2164 | -1.75E-14 | 2266 | 4.29E-14 | 2368 | 6.20E-14 | 2470 | 5.51E-14 | 2572 | 2.07E-14 | 2674 | 7.59E-14 | 2776 | 2.16E-13 | 2878 | 2.68E-13 | 2980 | 5.62E-13 | 3082 | 1.08E-12 | 3184 | 1.93E-12 |
| 2064 | -9.84E-14 | 2166 | 7.32E-14 | 2268 | 3.13E-14 | 2370 | 3.94E-14 | 2472 | 2.75E-14 | 2574 | 4.24E-14 | 2676 | 8.71E-14 | 2778 | 2.12E-13 | 2880 | 2.48E-13 | 2982 | 4.95E-13 | 3084 | 1.10E-12 | 3186 | 1.86E-12 |
| 2066 | -1.39E-13 | 2168 | 4.01E-14 | 2270 | -1.92E-14 | 2372 | 9.01E-15 | 2474 | 1.46E-14 | 2576 | 3.18E-14 | 2678 | 9.66E-14 | 2780 | 1.88E-13 | 2882 | 2.51E-13 | 2984 | 4.19E-13 | 3086 | 1.10E-12 | 3188 | 1.97E-12 |
| 2068 | -4.46E-15 | 2170 | 2.35E-14 | 2272 | -1.69E-14 | 2374 | 4.05E-14 | 2476 | 2.28E-14 | 2578 | 2.00E-14 | 2680 | 9.20E-14 | 2782 | 1.64E-13 | 2884 | 2.73E-13 | 2986 | 4.04E-13 | 3088 | 1.10E-12 | 3190 | 1.99E-12 |
| 2070 | -1.11E-13 | 2172 | -1.31E-14 | 2274 | 1.08E-13 | 2376 | 9.90E-14 | 2478 | 2.89E-14 | 2580 | 2.00E-14 | 2682 | 9.60E-14 | 2784 | 1.39E-13 | 2886 | 3.13E-13 | 2988 | 4.77E-13 | 3090 | 1.03E-12 | 3192 | 1.87E-12 |
| 2072 | -8.67E-14 | 2174 | 3.65E-14 | 2276 | 1.96E-13 | 2378 | -6.50E-15 | 2480 | 3.72E-14 | 2582 | 8.68E-15 | 2684 | 9.64E-14 | 2786 | 1.53E-13 | 2888 | 3.79E-13 | 2990 | 5.49E-13 | 3092 | 8.81E-13 | 3194 | 1.85E-12 |
| 2074 | 9.90E-14 | 2176 | 1.00E-13 | 2278 | 6.30E-14 | 2380 | -8.39E-14 | 2482 | 1.31E-14 | 2584 | 3.36E-15 | 2686 | 1.02E-13 | 2788 | 1.75E-13 | 2890 | 3.88E-13 | 2992 | 5.76E-13 | 3094 | 8.27E-13 | 3196 | 1.94E-12 |
| 2076 | 2.67E-13 | 2178 | 1.03E-13 | 2280 | -1.08E-13 | 2382 | 6.28E-14 | 2484 | -2.21E-14 | 2586 | 3.41E-14 | 2688 | 1.12E-13 | 2790 | 1.66E-13 | 2892 | 3.88E-13 | 2994 | 5.34E-13 | 3096 | 8.88E-13 | 3198 | 2.00E-12 |


HD 125560 K3 III V=4.86 (B−V)=1.23 E(B−V)=−0.03
LAP: LWP 7260, LWP 7262
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

**HD 132345 K3- III CN2 V=5.87 (B-V)=1.26 E(B-V)=0.00**

**LAP: LWP 7615**

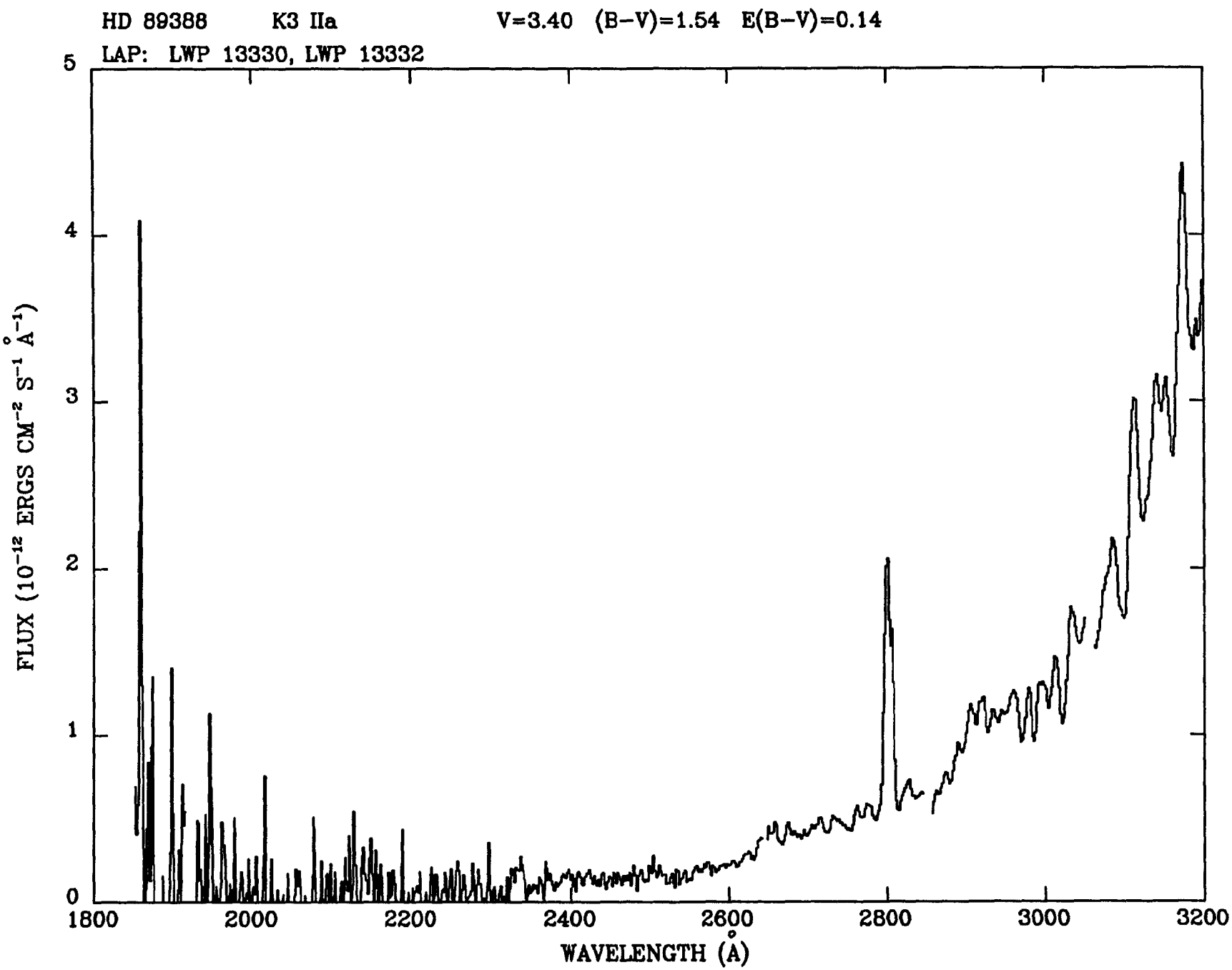
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.97E-14 | 2078 | 1.31E-13 | 2180 | 1.54E-14 | 2282 | -3.46E-14 | 2384 | -7.73E-15 | 2486 | 1.86E-14 | 2588 | 2.39E-14 | 2690 | 2.80E-14 | 2792 | 6.95E-14 | 2894 | 1.35E-13 | 2996 | 1.45E-13 | 3098 | 2.74E-13 |
| 1978 | -2.51E-14 | 2080 | 3.79E-14 | 2182 | -1.71E-14 | 2284 | -3.53E-14 | 2386 | -1.83E-14 | 2488 | 3.19E-14 | 2590 | 2.37E-14 | 2692 | 2.67E-14 | 2794 | 9.43E-14 | 2896 | 1.47E-13 | 2998 | 1.48E-13 | 3100 | 3.34E-13 |
| 1980 | -8.52E-14 | 2082 | -4.35E-14 | 2184 | 5.24E-14 | 2286 | -1.14E-14 | 2388 | 3.17E-14 | 2490 | -1.01E-14 | 2592 | 7.58E-15 | 2694 | 3.48E-14 | 2796 | 1.09E-13 | 2898 | 1.70E-13 | 3000 | 1.42E-13 | 3102 | 4.04E-13 |
| 1982 | -1.38E-14 | 2084 | -3.76E-14 | 2186 | 1.07E-13 | 2288 | 1.14E-14 | 2390 | 6.93E-14 | 2492 | -2.09E-14 | 2594 | -7.65E-16 | 2696 | 3.66E-14 | 2798 | 9.93E-14 | 2900 | 1.79E-13 | 3002 | 1.38E-13 | 3104 | 4.73E-13 |
| 1984 | 2.17E-14 | 2086 | 3.04E-14 | 2188 | 3.65E-14 | 2290 | -2.66E-14 | 2392 | 5.33E-14 | 2494 | -4.25E-15 | 2596 | 1.13E-14 | 2698 | 3.07E-14 | 2800 | 9.01E-14 | 2902 | 1.85E-13 | 3004 | 1.44E-13 | 3106 | 5.19E-13 |
| 1986 | 1.37E-13 | 2088 | 5.99E-14 | 2190 | -3.25E-14 | 2292 | -1.12E-14 | 2394 | 3.61E-14 | 2496 | 6.29E-15 | 2598 | 1.60E-14 | 2700 | 2.95E-14 | 2802 | 8.99E-14 | 2904 | 1.84E-13 | 3006 | 1.45E-13 | 3108 | 5.34E-13 |
| 1988 | 7.54E-14 | 2090 | 6.44E-14 | 2192 | -2.69E-14 | 2294 | 1.17E-13 | 2396 | 2.83E-14 | 2498 | 2.58E-14 | 2600 | 7.29E-15 | 2702 | 3.17E-14 | 2804 | 8.31E-14 | 2906 | 1.83E-13 | 3008 | 1.51E-13 | 3110 | 5.32E-13 |
| 1990 | -6.93E-14 | 2092 | 9.07E-14 | 2194 | 2.25E-14 | 2296 | 7.09E-14 | 2398 | 5.28E-15 | 2500 | 2.87E-14 | 2602 | 3.70E-15 | 2704 | 2.94E-14 | 2806 | 6.81E-14 | 2908 | 1.78E-13 | 3010 | 1.90E-13 | 3112 | 5.16E-13 |
| 1992 | -7.23E-14 | 2094 | 5.89E-14 | 2196 | 1.07E-14 | 2298 | 4.49E-14 | 2400 | -6.24E-15 | 2502 | 2.04E-14 | 2604 | 2.21E-14 | 2706 | 3.53E-14 | 2808 | 5.60E-14 | 2910 | 1.82E-13 | 3012 | 1.90E-13 | 3114 | 4.90E-13 |
| 1994 | 4.64E-14 | 2096 | 8.70E-14 | 2198 | -2.10E-14 | 2300 | 2.11E-14 | 2402 | 7.85E-15 | 2504 | 6.83E-15 | 2606 | 2.47E-14 | 2708 | 4.25E-14 | 2810 | 5.83E-14 | 2912 | 1.91E-13 | 3014 | 1.55E-13 | 3116 | 4.54E-13 |
| 1996 | 6.81E-14 | 2098 | -1.51E-14 | 2200 | -1.11E-14 | 2302 | 3.21E-14 | 2404 | 2.36E-14 | 2506 | -3.35E-15 | 2608 | 2.11E-14 | 2710 | 4.34E-14 | 2812 | 6.38E-14 | 2914 | 1.94E-13 | 3016 | 1.37E-13 | 3118 | 4.41E-13 |
| 1998 | -6.04E-14 | 2100 | 4.14E-14 | 2202 | 1.15E-14 | 2304 | 2.46E-14 | 2406 | -2.53E-15 | 2508 | 7.77E-15 | 2610 | 2.52E-14 | 2712 | 4.55E-14 | 2814 | 7.25E-14 | 2916 | 1.92E-13 | 3018 | 1.27E-13 | 3120 | 4.28E-13 |
| 2000 | -1.93E-14 | 2102 | 5.40E-14 | 2204 | 5.42E-14 | 2306 | 2.36E-14 | 2408 | 4.49E-14 | 2510 | 2.03E-14 | 2612 | 3.34E-14 | 2714 | 4.79E-14 | 2816 | 8.10E-14 | 2918 | 1.84E-13 | 3020 | 1.28E-13 | 3122 | 4.48E-13 |
| 2002 | -9.56E-14 | 2104 | -4.67E-14 | 2206 | 4.76E-14 | 2308 | -1.64E-15 | 2410 | 4.10E-14 | 2512 | 1.32E-14 | 2614 | 2.60E-14 | 2716 | 4.56E-14 | 2818 | 8.38E-14 | 2920 | 1.91E-13 | 3022 | 1.43E-13 | 3124 | 4.61E-13 |
| 2004 | -6.35E-14 | 2106 | -6.32E-14 | 2208 | -2.69E-14 | 2310 | 4.00E-15 | 2412 | -1.51E-15 | 2514 | 9.51E-15 | 2616 | 7.74E-15 | 2718 | 4.13E-14 | 2820 | 8.21E-14 | 2922 | 1.96E-13 | 3024 | 1.74E-13 | 3126 | 4.84E-13 |
| 2006 | -2.10E-15 | 2108 | -7.05E-14 | 2210 | -5.23E-14 | 2312 | -3.31E-14 | 2414 | -1.28E-15 | 2516 | 1.69E-14 | 2618 | 1.15E-14 | 2720 | 3.96E-14 | 2822 | 8.04E-14 | 2924 | 1.96E-13 | 3026 | 2.24E-13 | 3128 | 5.05E-13 |
| 2008 | -9.56E-14 | 2110 | -2.74E-14 | 2212 | -1.68E-14 | 2314 | 2.57E-14 | 2416 | 5.63E-15 | 2518 | 1.49E-14 | 2620 | 2.38E-14 | 2722 | 4.22E-14 | 2824 | 7.57E-14 | 2926 | 1.84E-13 | 3028 | 2.64E-13 | 3130 | 4.86E-13 |
| 2010 | -1.72E-13 | 2112 | 5.26E-14 | 2214 | -5.26E-16 | 2316 | 4.94E-14 | 2418 | 7.63E-15 | 2520 | -2.37E-15 | 2622 | 2.72E-14 | 2724 | 5.00E-14 | 2826 | 6.96E-14 | 2928 | 1.94E-13 | 3030 | 2.93E-13 | 3132 | 4.83E-13 |
| 2012 | 4.03E-14 | 2114 | 4.72E-14 | 2216 | -1.42E-14 | 2318 | -1.19E-14 | 2420 | 9.67E-15 | 2522 | 1.90E-15 | 2624 | 2.88E-14 | 2726 | 5.49E-14 | 2828 | 6.65E-14 | 2930 | 2.03E-13 | 3032 | 2.97E-13 | 3134 | 5.53E-13 |
| 2014 | 1.31E-13 | 2116 | -7.76E-15 | 2218 | -3.86E-14 | 2320 | -1.09E-14 | 2422 | -1.34E-14 | 2524 | -3.90E-15 | 2626 | 2.44E-14 | 2728 | 4.54E-14 | 2830 | 6.77E-14 | 2932 | 2.07E-13 | 3034 | 2.74E-13 | 3136 | 5.99E-13 |
| 2016 | 3.01E-14 | 2118 | -1.35E-14 | 2220 | 2.42E-14 | 2322 | 1.91E-14 | 2424 | -2.02E-14 | 2526 | 2.70E-15 | 2628 | 2.88E-14 | 2730 | 4.74E-14 | 2832 | 7.23E-14 | 2934 | 1.86E-13 | 3036 | 2.42E-13 | 3138 | 6.05E-13 |
| 2018 | -9.67E-16 | 2120 | 9.90E-14 | 2222 | 1.03E-13 | 2324 | 6.13E-14 | 2426 | 1.16E-14 | 2528 | 1.14E-14 | 2630 | 2.58E-14 | 2732 | 4.81E-14 | 2834 | 7.07E-14 | 2936 | 1.67E-13 | 3038 | 2.27E-13 | 3140 | 5.58E-13 |
| 2020 | -4.46E-15 | 2122 | 2.91E-14 | 2224 | 9.69E-14 | 2326 | 9.76E-14 | 2428 | 2.91E-14 | 2530 | -1.73E-15 | 2632 | 2.79E-14 | 2734 | 4.88E-14 | 2836 | 6.09E-14 | 2938 | 1.60E-13 | 3040 | 2.36E-13 | 3142 | 5.10E-13 |
| 2022 | -2.97E-14 | 2124 | -7.71E-14 | 2226 | 5.55E-14 | 2328 | 7.71E-14 | 2430 | 2.98E-14 | 2532 | 6.75E-15 | 2634 | 3.39E-14 | 2736 | 4.45E-14 | 2838 | 5.44E-14 | 2940 | 1.56E-13 | 3042 | 2.64E-13 | 3144 | 5.09E-13 |
| 2024 | -6.87E-15 | 2126 | 2.09E-14 | 2228 | 2.35E-15 | 2330 | 2.86E-14 | 2432 | -2.92E-15 | 2534 | 5.77E-15 | 2636 | 4.57E-14 | 2738 | 4.04E-14 | 2840 | 5.22E-14 | 2942 | 1.61E-13 | 3044 | 2.54E-13 | 3146 | 5.61E-13 |
| 2026 | -3.09E-14 | 2128 | 4.43E-14 | 2230 | -1.52E-14 | 2332 | 9.27E-15 | 2434 | -1.61E-15 | 2536 | -2.58E-15 | 2638 | 4.13E-14 | 2740 | 3.66E-14 | 2842 | 5.26E-14 | 2944 | 1.83E-13 | 3046 | 2.60E-13 | 3148 | 6.06E-13 |
| 2028 | -3.07E-14 | 2130 | -7.33E-14 | 2232 | 6.22E-14 | 2334 | 3.86E-14 | 2436 | 2.79E-15 | 2538 | -1.31E-14 | 2640 | 3.53E-14 | 2742 | 4.02E-14 | 2844 | 4.91E-14 | 2946 | 1.85E-13 | 3048 | 2.77E-13 | 3150 | 5.84E-13 |
| 2030 | 2.91E-15 | 2132 | -5.73E-14 | 2234 | 5.01E-14 | 2336 | 5.82E-14 | 2438 | 1.60E-14 | 2540 | 2.53E-15 | 2642 | 4.18E-14 | 2744 | 5.34E-14 | 2846 | 4.49E-14 | 2948 | 2.00E-13 | 3050 | 2.90E-13 | 3152 | 5.69E-13 |
| 2032 | 5.89E-14 | 2134 | 2.80E-14 | 2236 | 1.14E-14 | 2338 | 4.33E-14 | 2440 | 3.19E-14 | 2542 | 2.90E-14 | 2644 | 3.83E-14 | 2746 | 4.75E-14 | 2848 | 3.84E-14 | 2950 | 2.04E-13 | 3052 | | 3154 | 5.34E-13 |
| 2034 | -4.67E-14 | 2136 | 3.35E-16 | 2238 | 1.55E-14 | 2340 | -1.20E-14 | 2442 | -2.33E-15 | 2544 | 7.00E-15 | 2646 | 2.21E-14 | 2748 | 4.22E-14 | 2850 | | 2952 | 1.90E-13 | 3054 | | 3156 | 5.08E-13 |
| 2036 | 2.88E-15 | 2138 | -4.92E-14 | 2240 | 4.48E-14 | 2342 | -2.10E-14 | 2444 | 1.49E-14 | 2546 | -7.77E-16 | 2648 | 1.58E-14 | 2750 | 5.23E-14 | 2852 | | 2954 | 1.79E-13 | 3056 | | 3158 | 5.16E-13 |
| 2038 | 1.04E-14 | 2140 | 2.93E-14 | 2242 | 1.44E-14 | 2344 | -3.61E-15 | 2446 | 1.53E-14 | 2548 | 1.60E-14 | 2650 | 2.80E-14 | 2752 | 4.97E-14 | 2854 | | 2956 | 1.90E-13 | 3058 | | 3160 | 5.55E-13 |
| 2040 | -4.73E-14 | 2142 | 1.89E-14 | 2244 | 6.18E-17 | 2346 | -4.42E-15 | 2448 | 5.67E-15 | 2550 | 2.04E-14 | 2652 | 3.20E-14 | 2754 | 4.44E-14 | 2856 | 4.07E-14 | 2958 | 1.98E-13 | 3060 | | 3162 | 6.02E-13 |
| 2042 | 7.07E-15 | 2144 | -3.80E-14 | 2246 | -3.85E-15 | 2348 | 1.56E-14 | 2450 | 2.74E-14 | 2552 | 1.06E-14 | 2654 | 2.85E-14 | 2756 | 4.61E-14 | 2858 | 5.19E-14 | 2960 | 2.00E-13 | 3062 | 2.56E-13 | 3164 | 6.48E-13 |
| 2044 | 9.25E-14 | 2146 | -8.97E-15 | 2248 | 1.71E-14 | 2350 | 3.80E-14 | 2452 | 5.28E-14 | 2554 | -2.53E-15 | 2656 | 2.79E-14 | 2758 | 4.70E-14 | 2860 | 6.11E-14 | 2962 | 1.79E-13 | 3064 | 2.62E-13 | 3166 | 6.95E-13 |
| 2046 | 3.17E-14 | 2148 | 5.00E-14 | 2250 | 3.54E-14 | 2352 | 1.39E-14 | 2454 | 3.06E-14 | 2556 | 1.22E-14 | 2658 | 4.15E-14 | 2760 | 5.34E-14 | 2862 | 6.01E-14 | 2964 | 1.43E-13 | 3066 | 2.70E-13 | 3168 | 7.33E-13 |
| 2048 | -2.89E-14 | 2150 | -4.02E-15 | 2252 | 2.22E-14 | 2354 | 6.24E-14 | 2456 | 4.61E-15 | 2558 | 2.97E-14 | 2660 | 5.20E-14 | 2762 | 6.23E-14 | 2864 | 5.91E-14 | 2966 | 1.14E-13 | 3068 | 2.81E-13 | 3170 | 7.88E-13 |
| 2050 | 3.97E-14 | 2152 | 4.19E-14 | 2254 | 4.30E-14 | 2356 | 3.50E-14 | 2458 | -4.57E-15 | 2560 | 3.25E-14 | 2662 | 3.95E-14 | 2764 | 6.19E-14 | 2866 | 6.35E-14 | 2968 | 1.19E-13 | 3070 | 3.07E-13 | 3172 | 8.40E-13 |
| 2052 | 3.32E-14 | 2154 | 8.56E-15 | 2256 | 2.60E-14 | 2358 | 1.79E-14 | 2460 | 6.86E-15 | 2562 | 2.31E-14 | 2664 | 3.53E-14 | 2766 | 6.20E-14 | 2868 | 7.65E-14 | 2970 | 1.43E-13 | 3072 | 2.96E-13 | 3174 | 8.32E-13 |
| 2054 | -9.13E-15 | 2156 | -4.15E-14 | 2258 | -6.06E-16 | 2360 | -1.51E-15 | 2462 | 7.30E-15 | 2564 | 2.05E-14 | 2666 | 3.11E-14 | 2768 | 6.04E-14 | 2870 | 8.66E-14 | 2972 | 1.61E-13 | 3074 | 2.99E-13 | 3176 | 7.80E-13 |
| 2056 | -3.78E-15 | 2158 | -1.25E-14 | 2260 | 3.30E-14 | 2362 | 6.49E-16 | 2464 | 2.15E-14 | 2566 | 1.05E-14 | 2668 | 3.93E-14 | 2770 | 5.54E-14 | 2872 | 9.72E-14 | 2974 | 1.96E-13 | 3076 | 3.17E-13 | 3178 | 7.16E-13 |
| 2058 | 6.89E-14 | 2160 | 5.67E-14 | 2262 | 5.04E-14 | 2364 | 6.79E-15 | 2466 | 3.57E-14 | 2568 | 9.68E-15 | 2670 | 3.92E-14 | 2772 | 6.83E-14 | 2874 | 9.15E-14 | 2976 | 2.39E-13 | 3078 | 3.16E-13 | 3180 | 6.81E-13 |
| 2060 | 3.29E-14 | 2162 | -1.41E-15 | 2264 | -2.65E-14 | 2366 | 2.72E-14 | 2468 | 3.77E-14 | 2570 | 5.38E-15 | 2672 | 3.86E-14 | 2774 | 8.06E-14 | 2876 | 8.64E-14 | 2978 | 2.23E-13 | 3080 | 3.08E-13 | 3182 | 6.64E-13 |
| 2062 | -1.59E-14 | 2164 | -6.07E-15 | 2266 | -3.21E-14 | 2368 | 4.85E-14 | 2470 | 3.48E-14 | 2572 | 6.86E-15 | 2674 | 3.08E-14 | 2776 | 7.38E-14 | 2878 | 8.52E-14 | 2980 | 1.83E-13 | 3082 | 3.24E-13 | 3184 | 6.34E-13 |
| 2064 | -7.09E-14 | 2166 | 1.78E-14 | 2268 | -1.29E-14 | 2370 | 4.08E-14 | 2472 | 2.30E-14 | 2574 | 1.38E-14 | 2676 | 2.91E-14 | 2778 | 6.66E-14 | 2880 | 8.46E-14 | 2982 | 1.52E-13 | 3084 | 3.36E-13 | 3186 | 6.08E-13 |
| 2066 | -1.44E-14 | 2168 | -4.36E-14 | 2270 | 3.39E-16 | 2372 | -5.91E-15 | 2474 | 4.95E-15 | 2576 | 4.42E-15 | 2678 | 2.53E-14 | 2780 | 6.37E-14 | 2882 | 1.00E-13 | 2984 | 1.44E-13 | 3086 | 3.27E-13 | 3188 | 6.14E-13 |
| 2068 | 3.48E-14 | 2170 | -3.98E-14 | 2272 | -1.65E-14 | 2374 | 4.14E-15 | 2476 | 1.08E-14 | 2578 | 6.29E-15 | 2680 | 3.10E-14 | 2782 | 6.01E-14 | 2884 | 1.17E-13 | 2986 | 1.57E-13 | 3088 | 3.26E-13 | 3190 | 5.85E-13 |
| 2070 | -6.79E-15 | 2172 | -1.20E-14 | 2274 | 3.01E-14 | 2376 | 4.64E-14 | 2478 | 2.40E-14 | 2580 | 1.23E-14 | 2682 | 3.28E-14 | 2784 | 5.06E-14 | 2886 | 1.25E-13 | 2988 | 1.83E-13 | 3090 | 3.05E-13 | 3192 | 5.70E-13 |
| 2072 | -9.56E-16 | 2174 | 7.12E-15 | 2276 | 5.38E-14 | 2378 | -2.10E-14 | 2480 | 2.64E-14 | 2582 | 1.10E-14 | 2684 | 3.18E-14 | 2786 | 5.52E-14 | 2888 | 1.40E-13 | 2990 | 1.94E-13 | 3092 | 2.90E-13 | 3194 | 6.35E-13 |
| 2074 | 7.46E-14 | 2176 | 3.99E-14 | 2278 | -1.83E-14 | 2380 | -1.89E-14 | 2482 | 8.61E-15 | 2584 | 2.75E-15 | 2686 | 4.04E-14 | 2788 | 6.39E-14 | 2890 | 1.40E-13 | 2992 | 1.84E-13 | 3094 | 2.71E-13 | 3196 | 6.93E-13 |
| 2076 | 1.22E-13 | 2178 | 4.33E-14 | 2280 | -6.69E-14 | 2382 | 3.28E-14 | 2484 | -1.15E-14 | 2586 | 1.50E-14 | 2688 | 3.90E-14 | 2790 | 5.94E-14 | 2892 | 1.35E-13 | 2994 | 1.55E-13 | 3096 | 2.75E-13 | 3198 | 7.06E-13 |


HD 132345 K3- III CN2 V=5.87 (B-V)=1.26 E(B-V)=0.00
LAP: LWP 7615
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

**HD 89388 K3 IIa V=3.40 (B-V)=1.54 E(B-V)=0.14**

**LAP: LWP 13330, LWP 13332**

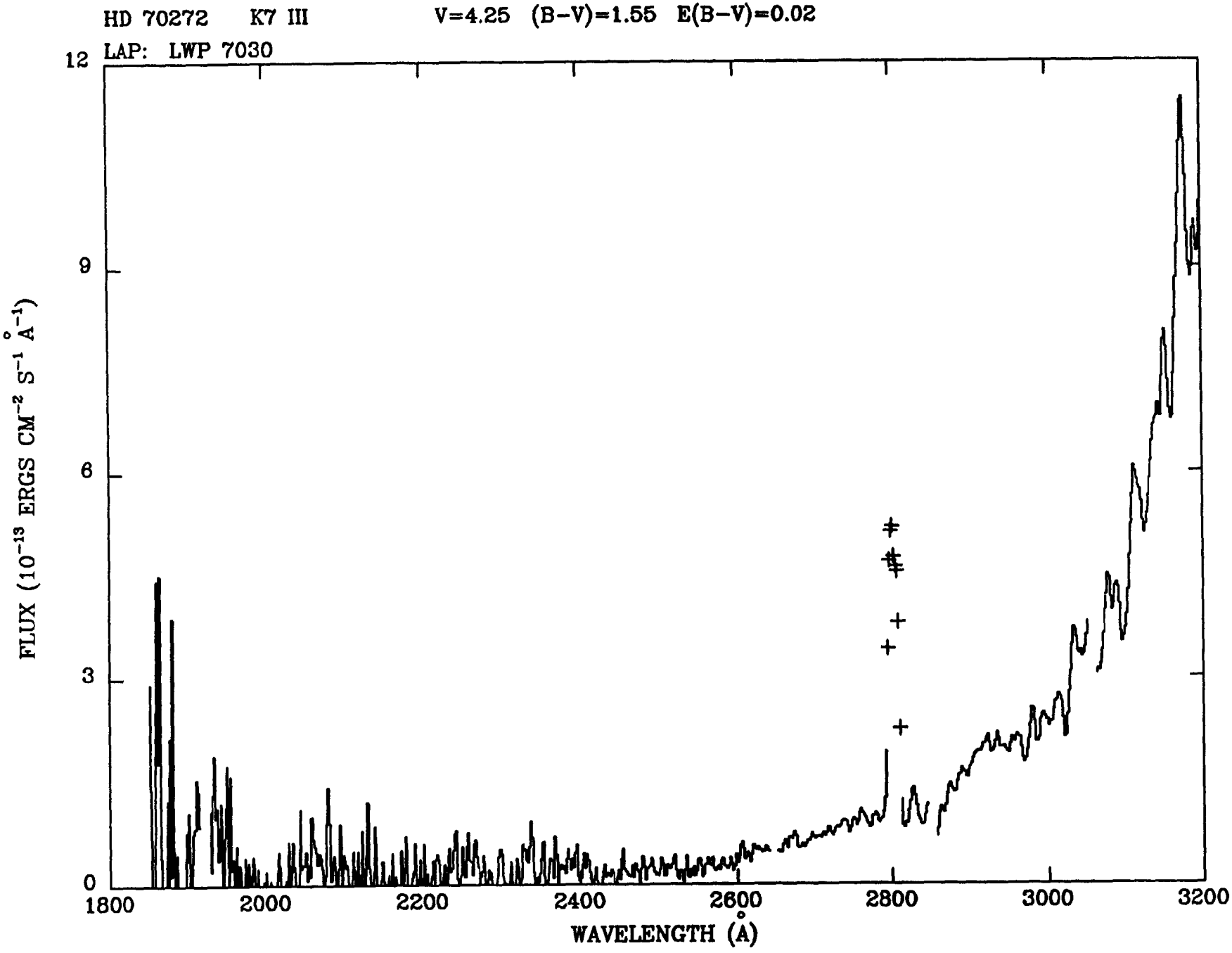
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.74E-13 | 2078 | 2.40E-13 | 2180 | 1.27E-14 | 2282 | 1.63E-13 | 2384 | 1.06E-13 | 2486 | 1.71E-13 | 2588 | 1.99E-13 | 2690 | 4.02E-13 | 2792 | 6.35E-13 | 2894 | 8.94E-13 | 2996 | 1.31E-12 | 3098 | 1.71E-12 |
| 1978 | 1.68E-13 | 2080 | -1.07E-13 | 2182 | -1.50E-14 | 2284 | 1.34E-13 | 2386 | 1.25E-13 | 2488 | 1.88E-13 | 2590 | 2.14E-13 | 2692 | 3.80E-13 | 2794 | 9.17E-13 | 2896 | 9.21E-13 | 2998 | 1.31E-12 | 3100 | 1.70E-12 |
| 1980 | -1.90E-13 | 2082 | -1.95E-13 | 2184 | -2.68E-14 | 2286 | 1.07E-13 | 2388 | 1.58E-13 | 2490 | 1.41E-13 | 2592 | 2.19E-13 | 2694 | 3.98E-13 | 2796 | 1.39E-12 | 2898 | 9.62E-13 | 3000 | 1.28E-12 | 3102 | 1.76E-12 |
| 1982 | -1.06E-13 | 2084 | -3.98E-14 | 2186 | 9.34E-14 | 2288 | -5.25E-14 | 2390 | 1.58E-13 | 2492 | 1.22E-13 | 2594 | 2.23E-13 | 2696 | 4.26E-13 | 2798 | 1.87E-12 | 2900 | 1.03E-12 | 3002 | 1.22E-12 | 3104 | 1.97E-12 |
| 1984 | 1.06E-13 | 2086 | 1.92E-13 | 2188 | 3.06E-13 | 2290 | 1.31E-14 | 2392 | 1.46E-13 | 2494 | 1.34E-13 | 2596 | 2.12E-13 | 2698 | 4.03E-13 | 2800 | 2.05E-12 | 2902 | 1.10E-12 | 3004 | 1.16E-12 | 3106 | 2.35E-12 |
| 1986 | 1.79E-13 | 2088 | 5.39E-14 | 2190 | -9.87E-14 | 2292 | -3.51E-14 | 2394 | 1.61E-13 | 2496 | 1.38E-13 | 2598 | 2.18E-13 | 2700 | 4.01E-13 | 2802 | 1.78E-12 | 2904 | 1.16E-12 | 3006 | 1.22E-12 | 3108 | 2.68E-12 |
| 1988 | -1.30E-14 | 2090 | -2.03E-13 | 2192 | -2.40E-13 | 2294 | 1.33E-13 | 2396 | 1.86E-13 | 2498 | 2.16E-13 | 2600 | 2.21E-13 | 2702 | 4.20E-13 | 2804 | 1.56E-12 | 2906 | 1.17E-12 | 3008 | 1.29E-12 | 3110 | 2.88E-12 |
| 1990 | -1.88E-13 | 2092 | 1.43E-13 | 2194 | -4.73E-14 | 2296 | 3.13E-13 | 2398 | 1.55E-13 | 2500 | 2.03E-13 | 2602 | 2.22E-13 | 2704 | 4.42E-13 | 2806 | 1.63E-12 | 2908 | 1.14E-12 | 3010 | 1.39E-12 | 3112 | 2.99E-12 |
| 1992 | 4.95E-14 | 2094 | 1.50E-13 | 2196 | 1.71E-14 | 2298 | 4.34E-14 | 2400 | 1.59E-13 | 2502 | 2.08E-13 | 2604 | 2.41E-13 | 2706 | 4.48E-13 | 2808 | 1.31E-12 | 2910 | 1.09E-12 | 3012 | 1.47E-12 | 3114 | 3.01E-12 |
| 1994 | 8.15E-14 | 2096 | 2.42E-15 | 2198 | -5.36E-14 | 2300 | -3.54E-14 | 2402 | 1.08E-13 | 2504 | 2.40E-13 | 2606 | 2.44E-13 | 2708 | 4.36E-13 | 2810 | 8.26E-13 | 2912 | 1.06E-12 | 3014 | 1.45E-12 | 3116 | 2.86E-12 |
| 1996 | 1.48E-13 | 2098 | 1.74E-13 | 2200 | -4.45E-14 | 2302 | 8.39E-14 | 2404 | 1.31E-13 | 2506 | 1.68E-13 | 2608 | 2.29E-13 | 2710 | 4.50E-13 | 2812 | 5.95E-13 | 2914 | 1.12E-12 | 3016 | 1.36E-12 | 3118 | 2.63E-12 |
| 1998 | -1.19E-13 | 2100 | -1.42E-14 | 2202 | 3.88E-14 | 2304 | 5.16E-14 | 2406 | 6.82E-14 | 2508 | 1.55E-13 | 2610 | 2.10E-13 | 2712 | 4.61E-13 | 2814 | 5.52E-13 | 2916 | 1.18E-12 | 3018 | 1.23E-12 | 3120 | 2.43E-12 |
| 2000 | 2.71E-15 | 2102 | 1.78E-14 | 2204 | 6.26E-14 | 2306 | -2.29E-14 | 2408 | 1.67E-13 | 2510 | 1.94E-13 | 2612 | 2.18E-13 | 2714 | 4.88E-13 | 2816 | 5.64E-13 | 2918 | 1.20E-12 | 3020 | 1.10E-12 | 3122 | 2.31E-12 |
| 2002 | 5.74E-14 | 2104 | 6.72E-14 | 2206 | 9.21E-14 | 2308 | 1.95E-14 | 2410 | 1.73E-13 | 2512 | 1.95E-13 | 2614 | 2.38E-13 | 2716 | 5.02E-13 | 2818 | 6.14E-13 | 2920 | 1.22E-12 | 3022 | 1.08E-12 | 3124 | 2.28E-12 |
| 2004 | 2.52E-13 | 2106 | -9.78E-14 | 2208 | 6.06E-14 | 2310 | 8.49E-14 | 2412 | 1.38E-13 | 2514 | 1.62E-13 | 2616 | 2.43E-13 | 2718 | 4.76E-13 | 2820 | 6.45E-13 | 2922 | 1.22E-12 | 3024 | 1.15E-12 | 3126 | 2.34E-12 |
| 2006 | 1.29E-13 | 2108 | -1.86E-13 | 2210 | 1.29E-13 | 2312 | 3.83E-14 | 2414 | 1.03E-13 | 2516 | 1.62E-13 | 2618 | 2.62E-13 | 2720 | 4.42E-13 | 2822 | 6.68E-13 | 2924 | 1.14E-12 | 3026 | 1.27E-12 | 3128 | 2.41E-12 |
| 2008 | -3.78E-13 | 2110 | -2.35E-14 | 2212 | -1.51E-13 | 2314 | 2.66E-14 | 2416 | 1.16E-13 | 2518 | 1.64E-13 | 2620 | 2.81E-13 | 2722 | 4.21E-13 | 2824 | 6.92E-13 | 2926 | 1.04E-12 | 3028 | 1.42E-12 | 3130 | 2.46E-12 |
| 2010 | -1.76E-13 | 2112 | 1.12E-13 | 2214 | -1.34E-13 | 2316 | 1.33E-14 | 2418 | 1.57E-13 | 2520 | 1.14E-13 | 2622 | 2.86E-13 | 2724 | 4.18E-13 | 2826 | 7.15E-13 | 2928 | 1.02E-12 | 3030 | 1.64E-12 | 3132 | 2.57E-12 |
| 2012 | -9.81E-14 | 2114 | -8.47E-14 | 2216 | 1.55E-14 | 2318 | 1.30E-13 | 2420 | 1.71E-13 | 2522 | 1.12E-13 | 2624 | 2.94E-13 | 2726 | 4.21E-13 | 2828 | 7.28E-13 | 2930 | 1.06E-12 | 3032 | 1.75E-12 | 3134 | 2.69E-12 |
| 2014 | 4.23E-13 | 2116 | 1.83E-13 | 2218 | -5.64E-16 | 2320 | 1.57E-14 | 2422 | 1.82E-13 | 2524 | 1.13E-13 | 2626 | 2.97E-13 | 2728 | 4.48E-13 | 2830 | 6.90E-13 | 2932 | 1.12E-12 | 3034 | 1.74E-12 | 3136 | 2.86E-12 |
| 2016 | 4.90E-13 | 2118 | 1.44E-13 | 2220 | -9.30E-14 | 2322 | 8.60E-14 | 2424 | 1.62E-13 | 2526 | 1.50E-13 | 2628 | 2.67E-13 | 2730 | 4.96E-13 | 2832 | 6.40E-13 | 2934 | 1.15E-12 | 3036 | 1.71E-12 | 3138 | 3.05E-12 |
| 2018 | -6.94E-14 | 2120 | 7.05E-14 | 2222 | 4.85E-14 | 2324 | 1.94E-13 | 2426 | 1.21E-13 | 2528 | 1.54E-13 | 2630 | 2.70E-13 | 2732 | 5.13E-13 | 2834 | 6.35E-13 | 2936 | 1.13E-12 | 3038 | 1.64E-12 | 3140 | 3.14E-12 |
| 2020 | -1.75E-13 | 2122 | 3.75E-13 | 2224 | 1.92E-13 | 2326 | 1.58E-13 | 2428 | 1.41E-13 | 2530 | 1.02E-13 | 2632 | 2.57E-13 | 2734 | 5.03E-13 | 2836 | 6.17E-13 | 2938 | 1.10E-12 | 3040 | 1.58E-12 | 3142 | 3.11E-12 |
| 2022 | 5.40E-14 | 2124 | -2.83E-14 | 2226 | 7.23E-14 | 2328 | 1.41E-13 | 2430 | 1.27E-13 | 2532 | 1.23E-13 | 2634 | 2.69E-13 | 2736 | 4.90E-13 | 2838 | 6.25E-13 | 2940 | 1.08E-12 | 3042 | 1.56E-12 | 3144 | 3.01E-12 |
| 2024 | 1.32E-13 | 2126 | 1.88E-13 | 2228 | 2.98E-14 | 2330 | 2.03E-13 | 2432 | 1.01E-13 | 2534 | 1.90E-13 | 2636 | 3.21E-13 | 2738 | 4.88E-13 | 2840 | 6.36E-13 | 2942 | 1.10E-12 | 3044 | 1.55E-12 | 3146 | 2.94E-12 |
| 2026 | -2.38E-14 | 2128 | 4.63E-13 | 2230 | 1.40E-13 | 2332 | 1.90E-13 | 2434 | 1.32E-13 | 2536 | 1.44E-13 | 2638 | 3.65E-13 | 2740 | 4.78E-13 | 2842 | 6.49E-13 | 2944 | 1.14E-12 | 3046 | 1.58E-12 | 3148 | 2.99E-12 |
| 2028 | -1.71E-13 | 2130 | 1.59E-13 | 2232 | 1.31E-13 | 2334 | 2.26E-13 | 2436 | 1.01E-13 | 2538 | 1.20E-13 | 2640 | 3.71E-13 | 2742 | 4.72E-13 | 2844 | 6.53E-13 | 2946 | 1.14E-12 | 3048 | 1.62E-12 | 3150 | 3.08E-12 |
| 2030 | 1.57E-14 | 2132 | -7.77E-15 | 2234 | -1.23E-13 | 2336 | 2.44E-13 | 2438 | 1.63E-13 | 2540 | 1.40E-13 | 2642 | 3.80E-13 | 2744 | 4.60E-13 | 2846 | 6.46E-13 | 2948 | 1.13E-12 | 3050 | 1.67E-12 | 3152 | 3.13E-12 |
| 2032 | 2.65E-14 | 2134 | -1.09E-13 | 2236 | -6.01E-14 | 2338 | 2.01E-13 | 2440 | 1.62E-13 | 2542 | 1.63E-13 | 2644 | 3.78E-13 | 2746 | 4.57E-13 | 2848 | | 2950 | 1.13E-12 | 3052 | 1.70E-12 | 3154 | 3.01E-12 |
| 2034 | -9.09E-14 | 2136 | 8.73E-14 | 2238 | 7.24E-14 | 2340 | 1.51E-13 | 2442 | 9.62E-14 | 2544 | 1.82E-13 | 2646 | | 2748 | 4.41E-13 | 2850 | | 2952 | 1.14E-12 | 3054 | | 3156 | 2.88E-12 |
| 2036 | -1.79E-14 | 2138 | 3.08E-13 | 2240 | 8.14E-14 | 2342 | 3.50E-14 | 2444 | 8.95E-14 | 2546 | 1.29E-13 | 2648 | 3.71E-13 | 2750 | 4.32E-13 | 2852 | | 2954 | 1.18E-12 | 3056 | | 3158 | 2.76E-12 |
| 2038 | 6.29E-15 | 2140 | 2.25E-13 | 2242 | 1.28E-13 | 2344 | 2.51E-14 | 2446 | 1.30E-13 | 2548 | 1.32E-13 | 2650 | 4.10E-13 | 2752 | 4.39E-13 | 2854 | | 2956 | 1.23E-12 | 3058 | | 3160 | 2.68E-12 |
| 2040 | -2.11E-13 | 2142 | 1.39E-13 | 2244 | -7.51E-15 | 2346 | 9.14E-14 | 2448 | 1.48E-13 | 2550 | 1.38E-13 | 2652 | 4.28E-13 | 2754 | 4.27E-13 | 2856 | 5.28E-13 | 2958 | 1.25E-12 | 3060 | | 3162 | 2.71E-12 |
| 2042 | -9.97E-14 | 2144 | 6.61E-14 | 2246 | 5.91E-14 | 2348 | 5.84E-14 | 2450 | 1.19E-13 | 2552 | 1.35E-13 | 2654 | 4.09E-13 | 2756 | 4.33E-13 | 2858 | 5.80E-13 | 2960 | 1.26E-12 | 3062 | 1.53E-12 | 3164 | 2.92E-12 |
| 2044 | 4.75E-14 | 2146 | 2.32E-13 | 2248 | 1.74E-13 | 2350 | 6.73E-14 | 2452 | 1.39E-13 | 2554 | 1.80E-13 | 2656 | 4.14E-13 | 2758 | 4.75E-13 | 2860 | 6.34E-13 | 2962 | 1.24E-12 | 3064 | 1.52E-12 | 3166 | 3.25E-12 |
| 2046 | -1.59E-13 | 2148 | 3.75E-13 | 2250 | 1.08E-13 | 2352 | 1.02E-13 | 2454 | 1.69E-13 | 2556 | 1.93E-13 | 2658 | 4.61E-13 | 2760 | 5.29E-13 | 2862 | 6.62E-13 | 2964 | 1.18E-12 | 3066 | 1.57E-12 | 3168 | 3.56E-12 |
| 2048 | -1.42E-13 | 2150 | 1.56E-13 | 2252 | 6.58E-15 | 2354 | 8.25E-14 | 2456 | 1.27E-13 | 2558 | 2.07E-13 | 2660 | 4.61E-13 | 2762 | 5.60E-13 | 2864 | 6.44E-13 | 2966 | 1.08E-12 | 3068 | 1.63E-12 | 3170 | 3.95E-12 |
| 2050 | -1.45E-13 | 2152 | -3.71E-14 | 2254 | 1.22E-13 | 2356 | 8.70E-14 | 2458 | 1.58E-13 | 2560 | 2.02E-13 | 2662 | 3.93E-13 | 2764 | 5.58E-13 | 2866 | 6.49E-13 | 2968 | 9.91E-13 | 3070 | 1.70E-12 | 3172 | 4.28E-12 |
| 2052 | -3.01E-14 | 2154 | 2.81E-13 | 2256 | 2.28E-13 | 2358 | 8.03E-14 | 2460 | 1.56E-13 | 2562 | 1.88E-13 | 2664 | 3.65E-13 | 2766 | 5.23E-13 | 2868 | 6.82E-13 | 2970 | 9.63E-13 | 3072 | 1.79E-12 | 3174 | 4.41E-12 |
| 2054 | 1.42E-13 | 2156 | 9.69E-14 | 2258 | 2.03E-13 | 2360 | 1.42E-13 | 2462 | 1.33E-13 | 2564 | 1.89E-13 | 2666 | 3.58E-13 | 2768 | 5.07E-13 | 2870 | 7.15E-13 | 2972 | 9.96E-13 | 3074 | 1.87E-12 | 3176 | 4.27E-12 |
| 2056 | 1.22E-13 | 2158 | -9.37E-15 | 2260 | 3.50E-14 | 2362 | 1.20E-13 | 2464 | 1.06E-13 | 2566 | 1.92E-13 | 2668 | 3.47E-13 | 2770 | 5.09E-13 | 2872 | 7.59E-13 | 2974 | 1.08E-12 | 3076 | 1.92E-12 | 3178 | 4.03E-12 |
| 2058 | 1.69E-13 | 2160 | 2.02E-13 | 2262 | 6.57E-14 | 2364 | 4.83E-14 | 2466 | 1.55E-13 | 2568 | 2.16E-13 | 2670 | 3.69E-13 | 2772 | 5.43E-13 | 2874 | 7.72E-13 | 2976 | 1.20E-12 | 3078 | 1.96E-12 | 3180 | 3.67E-12 |
| 2060 | 1.08E-13 | 2162 | 3.89E-14 | 2264 | 1.57E-13 | 2366 | 1.30E-13 | 2468 | 1.33E-13 | 2570 | 2.13E-13 | 2672 | 4.14E-13 | 2774 | 5.77E-13 | 2876 | 7.53E-13 | 2978 | 1.27E-12 | 3080 | 1.99E-12 | 3182 | 3.43E-12 |
| 2062 | -1.74E-13 | 2164 | -7.02E-14 | 2266 | 9.19E-14 | 2368 | 2.17E-13 | 2470 | 1.51E-13 | 2572 | 2.28E-13 | 2674 | 4.61E-13 | 2776 | 5.79E-13 | 2878 | 7.20E-13 | 2980 | 1.25E-12 | 3082 | 2.06E-12 | 3184 | 3.38E-12 |
| 2064 | -2.74E-13 | 2166 | -1.91E-14 | 2268 | -1.14E-14 | 2370 | 1.53E-13 | 2472 | 1.43E-13 | 2574 | 2.36E-13 | 2676 | 4.57E-13 | 2778 | 5.73E-13 | 2880 | 7.15E-13 | 2982 | 1.10E-12 | 3084 | 2.16E-12 | 3186 | 3.31E-12 |
| 2066 | 2.71E-14 | 2168 | -1.76E-15 | 2270 | 3.07E-14 | 2372 | 1.60E-13 | 2474 | 1.48E-13 | 2576 | 2.07E-13 | 2678 | 4.20E-13 | 2780 | 5.65E-13 | 2882 | 7.58E-13 | 2984 | 9.82E-13 | 3086 | 2.17E-12 | 3188 | 3.35E-12 |
| 2068 | -7.05E-14 | 2170 | 1.26E-13 | 2272 | 4.53E-14 | 2374 | 1.33E-13 | 2476 | 1.19E-13 | 2578 | 1.59E-13 | 2680 | 4.01E-13 | 2782 | 5.14E-13 | 2884 | 8.22E-13 | 2986 | 9.73E-13 | 3088 | 2.13E-12 | 3190 | 3.47E-12 |
| 2070 | -2.08E-13 | 2172 | 6.48E-14 | 2274 | 1.22E-13 | 2376 | 1.03E-13 | 2478 | 1.82E-13 | 2580 | 2.16E-13 | 2682 | 4.13E-13 | 2784 | 4.95E-13 | 2886 | 8.63E-13 | 2988 | 1.07E-12 | 3090 | 2.03E-12 | 3192 | 3.44E-12 |
| 2072 | -1.88E-13 | 2174 | 3.79E-14 | 2276 | 1.86E-13 | 2378 | 7.36E-14 | 2480 | 1.83E-13 | 2582 | 2.01E-13 | 2684 | 4.11E-13 | 2786 | 4.95E-13 | 2888 | 9.33E-13 | 2990 | 1.23E-12 | 3092 | 1.84E-12 | 3194 | 3.40E-12 |
| 2074 | -1.06E-13 | 2176 | 1.74E-13 | 2278 | -3.25E-15 | 2380 | 1.13E-13 | 2482 | 1.03E-13 | 2584 | 1.81E-13 | 2686 | 3.93E-13 | 2788 | 5.24E-13 | 2890 | 9.47E-13 | 2992 | 1.31E-12 | 3094 | 1.77E-12 | 3196 | 3.51E-12 |
| 2076 | 3.13E-13 | 2178 | 1.07E-13 | 2280 | -4.75E-15 | 2382 | 9.25E-14 | 2484 | 1.25E-13 | 2586 | 1.93E-13 | 2688 | 4.00E-13 | 2790 | 5.58E-13 | 2892 | 9.13E-13 | 2994 | 1.31E-12 | 3096 | 1.74E-12 | 3198 | 3.66E-12 |


HD 89388 K3 IIa V=3.40 (B−V)=1.54 E(B−V)=0.14
LAP: LWP 13330, LWP 13332
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ Å$^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 70272 K7 III V=4.25 (B-V)=1.55 E(B-V)=0.02**

**LAP: LWP 7030**

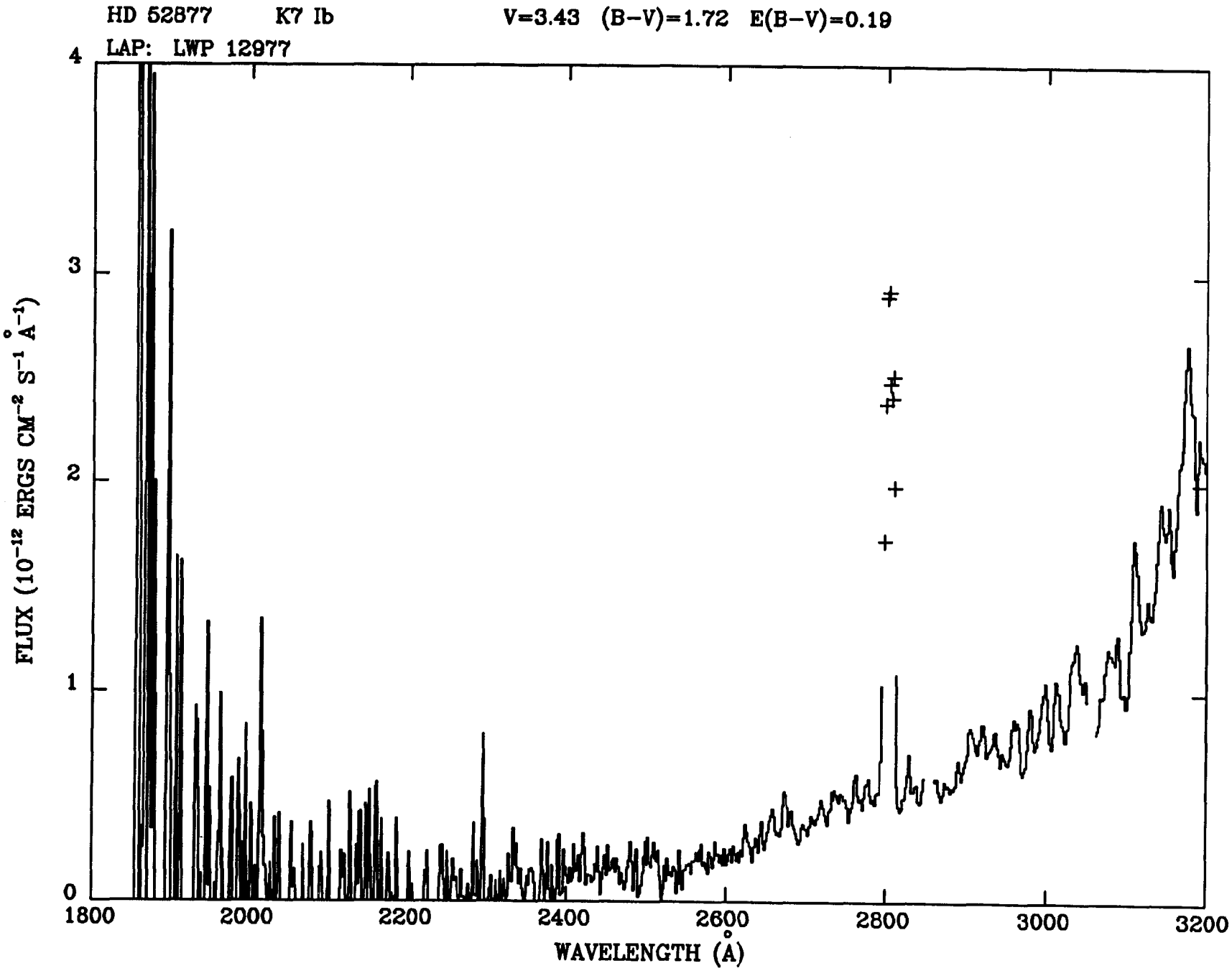
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 9.53E-15 | 2078 | 1.16E-13 | 2180 | -1.58E-14 | 2282 | -1.10E-15 | 2384 | 4.91E-14 | 2486 | 2.44E-14 | 2588 | 2.44E-14 | 2690 | 6.22E-14 | 2792 | 1.42E-13 | 2894 | 1.56E-13 | 2996 | 2.40E-13 | 3098 | 3.60E-13 |
| 1978 | 2.16E-14 | 2080 | 1.13E-13 | 2182 | -3.65E-14 | 2284 | 1.28E-14 | 2386 | 3.32E-14 | 2488 | 2.80E-14 | 2590 | 3.13E-14 | 2692 | 6.35E-14 | 2794 | 1.92E-13 | 2896 | 1.55E-13 | 2998 | 2.38E-13 | 3100 | 3.74E-13 |
| 1980 | -8.98E-15 | 2082 | 3.59E-14 | 2184 | -7.00E-15 | 2286 | 1.52E-14 | 2388 | 2.69E-14 | 2490 | 3.58E-14 | 2592 | 3.56E-14 | 2694 | 6.80E-14 | 2796 | | 2898 | 1.65E-13 | 3000 | 2.32E-13 | 3102 | 3.99E-13 |
| 1982 | 2.61E-14 | 2084 | 2.66E-14 | 2186 | 1.31E-14 | 2288 | -6.29E-15 | 2390 | 3.31E-14 | 2492 | 2.60E-14 | 2594 | 2.59E-14 | 2696 | 7.35E-14 | 2798 | | 2900 | 1.71E-13 | 3002 | 2.33E-13 | 3104 | 4.41E-13 |
| 1984 | 3.43E-14 | 2086 | 4.06E-14 | 2188 | 3.40E-14 | 2290 | -1.75E-14 | 2392 | 3.43E-14 | 2494 | 1.84E-14 | 2596 | 2.30E-14 | 2698 | 6.85E-14 | 2800 | | 2902 | 1.76E-13 | 3004 | 2.35E-13 | 3106 | 4.92E-13 |
| 1986 | -4.81E-14 | 2088 | 3.51E-15 | 2190 | 2.27E-14 | 2292 | -1.70E-14 | 2394 | 5.23E-14 | 2496 | 1.42E-14 | 2598 | 3.63E-14 | 2700 | 6.70E-14 | 2802 | | 2904 | 1.84E-13 | 3006 | 2.50E-13 | 3108 | 5.39E-13 |
| 1988 | -6.31E-15 | 2090 | -3.40E-16 | 2192 | -3.64E-14 | 2294 | 1.39E-14 | 2396 | 3.30E-14 | 2498 | 1.48E-14 | 2600 | 3.56E-14 | 2702 | 6.93E-14 | 2804 | | 2906 | 1.89E-13 | 3008 | 2.62E-13 | 3110 | 5.84E-13 |
| 1990 | 1.36E-14 | 2092 | 2.37E-14 | 2194 | 2.38E-15 | 2296 | 4.15E-14 | 2398 | 8.06E-15 | 2500 | 1.47E-14 | 2602 | 3.64E-14 | 2704 | 6.88E-14 | 2806 | | 2908 | 1.91E-13 | 3010 | 2.66E-13 | 3112 | 6.03E-13 |
| 1992 | -7.76E-14 | 2094 | 8.34E-14 | 2196 | 1.50E-14 | 2298 | 5.04E-14 | 2400 | 8.62E-15 | 2502 | 2.64E-14 | 2604 | 5.30E-14 | 2706 | 6.85E-14 | 2808 | | 2910 | 1.93E-13 | 3012 | 2.74E-13 | 3114 | 5.92E-13 |
| 1994 | -4.83E-14 | 2096 | 1.77E-15 | 2198 | 5.55E-15 | 2300 | 3.60E-14 | 2402 | 2.50E-14 | 2504 | 3.51E-14 | 2606 | 6.05E-14 | 2708 | 6.93E-14 | 2810 | | 2912 | 1.92E-13 | 3014 | 2.74E-13 | 3116 | 5.81E-13 |
| 1996 | -1.84E-14 | 2098 | 4.26E-14 | 2200 | 4.64E-14 | 2302 | 7.76E-15 | 2404 | 4.36E-14 | 2506 | 2.25E-14 | 2608 | 5.19E-14 | 2710 | 7.31E-14 | 2812 | 1.18E-13 | 2914 | 1.95E-13 | 3016 | 2.69E-13 | 3118 | 5.74E-13 |
| 1998 | -2.76E-14 | 2100 | 3.35E-14 | 2202 | 6.60E-15 | 2304 | -1.39E-16 | 2406 | 2.63E-14 | 2508 | 1.26E-14 | 2610 | 3.66E-14 | 2712 | 7.16E-14 | 2814 | 8.47E-14 | 2916 | 2.01E-13 | 3018 | 2.57E-13 | 3120 | 5.59E-13 |
| 2000 | -3.02E-14 | 2102 | 2.66E-14 | 2204 | 1.32E-14 | 2306 | -1.53E-14 | 2408 | 4.24E-14 | 2510 | 2.13E-14 | 2612 | 4.02E-14 | 2714 | 7.26E-14 | 2816 | 8.38E-14 | 2918 | 2.04E-13 | 3020 | 2.31E-13 | 3122 | 5.31E-13 |
| 2002 | -8.71E-14 | 2104 | 1.60E-14 | 2206 | 3.01E-15 | 2308 | -2.16E-14 | 2410 | 3.34E-14 | 2512 | 2.62E-14 | 2614 | 4.61E-14 | 2716 | 8.06E-14 | 2818 | 8.91E-14 | 2920 | 2.10E-13 | 3022 | 2.14E-13 | 3124 | 5.10E-13 |
| 2004 | -1.79E-14 | 2106 | -1.35E-14 | 2208 | -1.78E-14 | 2310 | 1.54E-14 | 2412 | 1.65E-14 | 2514 | 2.33E-14 | 2616 | 4.12E-14 | 2718 | 8.19E-14 | 2820 | 9.52E-14 | 2922 | 2.15E-13 | 3024 | 2.29E-13 | 3126 | 5.22E-13 |
| 2006 | 4.85E-15 | 2108 | -2.08E-14 | 2210 | 1.56E-14 | 2312 | 1.16E-14 | 2414 | 2.54E-15 | 2516 | 2.73E-14 | 2618 | 3.62E-14 | 2720 | 7.62E-14 | 2822 | 1.13E-13 | 2924 | 2.04E-13 | 3026 | 2.63E-13 | 3128 | 5.41E-13 |
| 2008 | -3.64E-14 | 2110 | 2.16E-14 | 2212 | 3.01E-14 | 2314 | -5.92E-15 | 2416 | -4.71E-15 | 2518 | 3.56E-14 | 2620 | 4.84E-14 | 2722 | 7.16E-14 | 2824 | 1.28E-13 | 2926 | 1.91E-13 | 3028 | 2.96E-13 | 3130 | 5.69E-13 |
| 2010 | -5.98E-14 | 2112 | 3.16E-14 | 2214 | 1.21E-14 | 2316 | -5.01E-15 | 2418 | 1.59E-14 | 2520 | 4.14E-14 | 2622 | 5.46E-14 | 2724 | 7.52E-14 | 2826 | 1.38E-13 | 2928 | 1.93E-13 | 3030 | 3.33E-13 | 3132 | 5.96E-13 |
| 2012 | -6.69E-14 | 2114 | -2.34E-14 | 2216 | 3.99E-14 | 2318 | 3.20E-14 | 2420 | 1.59E-14 | 2522 | 2.16E-14 | 2624 | 5.11E-14 | 2726 | 8.10E-14 | 2828 | 1.32E-13 | 2930 | 1.98E-13 | 3032 | 3.65E-13 | 3134 | 6.25E-13 |
| 2014 | -5.18E-15 | 2116 | 3.13E-14 | 2218 | 4.15E-14 | 2320 | 2.81E-14 | 2422 | 2.86E-15 | 2524 | 1.03E-14 | 2626 | 5.25E-14 | 2728 | 8.36E-14 | 2830 | 1.18E-13 | 2932 | 2.10E-13 | 3034 | 3.68E-13 | 3136 | 6.53E-13 |
| 2016 | 4.14E-14 | 2118 | 2.10E-14 | 2220 | 1.84E-14 | 2322 | -7.25E-15 | 2424 | -2.65E-15 | 2526 | 9.24E-15 | 2628 | 5.09E-14 | 2730 | 8.34E-14 | 2832 | 1.02E-13 | 2934 | 2.15E-13 | 3036 | 3.58E-13 | 3138 | 6.70E-13 |
| 2018 | 8.95E-15 | 2120 | -6.74E-14 | 2222 | -8.27E-15 | 2324 | 1.34E-14 | 2426 | -7.27E-15 | 2528 | 1.94E-14 | 2630 | 4.97E-14 | 2732 | 8.27E-14 | 2834 | 9.41E-14 | 2936 | 2.06E-13 | 3038 | 3.38E-13 | 3140 | 6.77E-13 |
| 2020 | -2.93E-14 | 2122 | 7.61E-14 | 2224 | 4.24E-15 | 2326 | 5.71E-14 | 2428 | 1.25E-14 | 2530 | 1.39E-14 | 2632 | 4.72E-14 | 2734 | 8.69E-14 | 2836 | 8.88E-14 | 2938 | 1.98E-13 | 3040 | 3.34E-13 | 3142 | 6.91E-13 |
| 2022 | -2.81E-14 | 2124 | 1.63E-14 | 2226 | 2.50E-14 | 2328 | 5.06E-14 | 2430 | 2.74E-14 | 2532 | 9.66E-15 | 2634 | 4.79E-14 | 2736 | 9.12E-14 | 2838 | 8.70E-14 | 2940 | 1.99E-13 | 3042 | 3.37E-13 | 3144 | 6.87E-13 |
| 2024 | -3.57E-15 | 2126 | -8.73E-15 | 2228 | 1.02E-14 | 2330 | 4.70E-14 | 2432 | 1.45E-14 | 2534 | 2.91E-14 | 2636 | 5.42E-14 | 2738 | 9.19E-14 | 2840 | 8.96E-14 | 2942 | 2.00E-13 | 3044 | 3.30E-13 | 3146 | 6.80E-13 |
| 2026 | -5.62E-15 | 2128 | 7.53E-14 | 2230 | -4.45E-15 | 2332 | 3.53E-14 | 2434 | 1.55E-14 | 2536 | 2.78E-14 | 2638 | 5.36E-14 | 2740 | 9.13E-14 | 2842 | 1.03E-13 | 2944 | 1.97E-13 | 3046 | 3.36E-13 | 3148 | 7.26E-13 |
| 2028 | 4.45E-14 | 2130 | 9.17E-14 | 2232 | 4.45E-14 | 2334 | 4.30E-14 | 2436 | 1.28E-14 | 2538 | 1.06E-14 | 2640 | 4.84E-14 | 2742 | 8.63E-14 | 2844 | 1.13E-13 | 2946 | 1.92E-13 | 3048 | 3.50E-13 | 3150 | 7.84E-13 |
| 2030 | -9.63E-15 | 2132 | 1.19E-14 | 2234 | 2.27E-14 | 2336 | 7.35E-14 | 2438 | 1.14E-14 | 2540 | 1.73E-14 | 2642 | 4.82E-14 | 2744 | 7.79E-14 | 2846 | 1.16E-13 | 2948 | 1.90E-13 | 3050 | 3.68E-13 | 3152 | 8.05E-13 |
| 2032 | 1.78E-14 | 2134 | -2.04E-14 | 2236 | 2.50E-14 | 2338 | 7.89E-14 | 2440 | 1.98E-14 | 2542 | 1.55E-14 | 2644 | | 2746 | 8.02E-14 | 2848 | | 2950 | 2.01E-13 | 3052 | 3.79E-13 | 3154 | 7.81E-13 |
| 2034 | 6.01E-14 | 2136 | -4.16E-15 | 2238 | 5.30E-14 | 2340 | 3.80E-14 | 2442 | 1.40E-14 | 2544 | 2.19E-14 | 2646 | | 2748 | 9.04E-14 | 2850 | | 2952 | 2.12E-13 | 3054 | | 3156 | 7.29E-13 |
| 2036 | 2.48E-14 | 2138 | 5.63E-14 | 2240 | 7.55E-14 | 2342 | -3.21E-15 | 2444 | 7.40E-17 | 2546 | 1.47E-14 | 2648 | | 2750 | 9.52E-14 | 2852 | | 2954 | 2.11E-13 | 3056 | | 3158 | 6.89E-13 |
| 2038 | -3.38E-14 | 2140 | 2.55E-14 | 2242 | 6.16E-14 | 2344 | 4.23E-15 | 2446 | 5.20E-16 | 2548 | 1.77E-14 | 2650 | 4.75E-14 | 2752 | 9.30E-14 | 2854 | | 2956 | 2.08E-13 | 3058 | | 3160 | 6.76E-13 |
| 2040 | -5.00E-14 | 2142 | -5.26E-15 | 2244 | 5.26E-15 | 2346 | 4.99E-15 | 2448 | 1.58E-14 | 2550 | 3.37E-14 | 2652 | 4.80E-14 | 2754 | 8.66E-14 | 2856 | 7.00E-14 | 2958 | 2.15E-13 | 3060 | | 3162 | 6.98E-13 |
| 2042 | 2.72E-14 | 2144 | -8.47E-15 | 2246 | 2.64E-15 | 2348 | 1.45E-14 | 2450 | 1.45E-14 | 2552 | 3.61E-14 | 2654 | 4.70E-14 | 2756 | 9.32E-14 | 2858 | 7.71E-14 | 2960 | 2.15E-13 | 3062 | 3.04E-13 | 3164 | 7.70E-13 |
| 2044 | 8.42E-14 | 2146 | 4.92E-15 | 2248 | 3.25E-14 | 2350 | 3.71E-14 | 2452 | 2.33E-14 | 2554 | 2.49E-14 | 2656 | 4.65E-14 | 2758 | 1.04E-13 | 2860 | 9.81E-14 | 2962 | 2.13E-13 | 3064 | 3.10E-13 | 3166 | 8.50E-13 |
| 2046 | 2.62E-14 | 2148 | 3.14E-14 | 2250 | 4.42E-14 | 2352 | 5.96E-14 | 2454 | 4.55E-14 | 2556 | 1.14E-14 | 2658 | 5.44E-14 | 2760 | 1.06E-13 | 2862 | 1.11E-13 | 2964 | 2.07E-13 | 3066 | 3.09E-13 | 3168 | 9.07E-13 |
| 2048 | 2.96E-14 | 2150 | 5.85E-15 | 2252 | 2.11E-14 | 2354 | 8.97E-15 | 2456 | 3.22E-14 | 2558 | 1.78E-14 | 2660 | 6.22E-14 | 2762 | 1.02E-13 | 2864 | 1.09E-13 | 2966 | 1.91E-13 | 3068 | 3.19E-13 | 3170 | 9.72E-13 |
| 2050 | 3.91E-14 | 2152 | -2.02E-14 | 2254 | 3.85E-14 | 2356 | -9.10E-15 | 2458 | 1.93E-14 | 2560 | 2.87E-14 | 2662 | 5.88E-14 | 2764 | 9.80E-14 | 2866 | 1.04E-13 | 2968 | 1.80E-13 | 3070 | 3.41E-13 | 3172 | 1.05E-12 |
| 2052 | 2.58E-14 | 2154 | -1.35E-15 | 2256 | 6.94E-14 | 2358 | 5.85E-15 | 2460 | 1.55E-14 | 2562 | 3.24E-14 | 2664 | 5.29E-14 | 2766 | 9.35E-14 | 2868 | 1.15E-13 | 2970 | 1.79E-13 | 3072 | 3.67E-13 | 3174 | 1.12E-12 |
| 2054 | 2.21E-14 | 2156 | 2.60E-15 | 2258 | 4.62E-14 | 2360 | 3.51E-14 | 2462 | 1.23E-14 | 2564 | 3.39E-14 | 2666 | 6.71E-14 | 2768 | 8.89E-14 | 2870 | 1.32E-13 | 2972 | 1.90E-13 | 3074 | 4.03E-13 | 3176 | 1.14E-12 |
| 2056 | 1.78E-14 | 2158 | -2.43E-14 | 2260 | 3.41E-14 | 2362 | 3.67E-14 | 2464 | 1.11E-14 | 2566 | 2.79E-14 | 2668 | 6.83E-14 | 2770 | 8.46E-14 | 2872 | 1.43E-13 | 2974 | 2.06E-13 | 3076 | 4.28E-13 | 3178 | 1.09E-12 |
| 2058 | 7.71E-14 | 2160 | 1.34E-14 | 2262 | 1.76E-14 | 2364 | 2.31E-14 | 2466 | 2.59E-14 | 2568 | 3.37E-14 | 2670 | 6.68E-14 | 2772 | 8.40E-14 | 2874 | 1.44E-13 | 2976 | 2.27E-13 | 3078 | 4.47E-13 | 3180 | 1.04E-12 |
| 2060 | 7.17E-14 | 2162 | 1.42E-14 | 2264 | 5.80E-14 | 2366 | 4.28E-14 | 2468 | 1.20E-14 | 2570 | 2.81E-14 | 2672 | 7.30E-14 | 2774 | 9.55E-14 | 2876 | 1.38E-13 | 2978 | 2.51E-13 | 3080 | 4.31E-13 | 3182 | 9.50E-13 |
| 2062 | 5.71E-14 | 2164 | -5.99E-15 | 2266 | 6.38E-14 | 2368 | 5.44E-14 | 2470 | 2.81E-14 | 2572 | 2.07E-14 | 2674 | 7.45E-14 | 2776 | 1.00E-13 | 2878 | 1.35E-13 | 2980 | 2.54E-13 | 3082 | 4.06E-13 | 3184 | 9.03E-13 |
| 2064 | 4.71E-14 | 2166 | 4.57E-15 | 2268 | 3.91E-14 | 2370 | 1.74E-14 | 2472 | 2.06E-14 | 2574 | 2.24E-14 | 2676 | 6.48E-14 | 2778 | 1.03E-13 | 2880 | 1.34E-13 | 2982 | 2.34E-13 | 3084 | 4.02E-13 | 3186 | 8.86E-13 |
| 2066 | 3.16E-14 | 2168 | -6.56E-14 | 2270 | 2.07E-14 | 2372 | 1.76E-14 | 2474 | 1.35E-14 | 2576 | 2.59E-14 | 2678 | 5.38E-14 | 2780 | 9.95E-14 | 2882 | 1.43E-13 | 2984 | 2.06E-13 | 3086 | 4.22E-13 | 3188 | 9.12E-13 |
| 2068 | 4.49E-14 | 2170 | -2.83E-14 | 2272 | 3.46E-15 | 2374 | 2.77E-14 | 2476 | 9.67E-15 | 2578 | 2.20E-14 | 2680 | 5.29E-14 | 2782 | 9.20E-14 | 2884 | 1.55E-13 | 2986 | 2.07E-13 | 3088 | 4.34E-13 | 3190 | 9.58E-13 |
| 2070 | 3.65E-14 | 2172 | 3.78E-14 | 2274 | 1.39E-14 | 2376 | 2.33E-14 | 2478 | 3.06E-14 | 2580 | 3.39E-14 | 2682 | 5.61E-14 | 2784 | 9.09E-14 | 2886 | 1.60E-13 | 2988 | 2.18E-13 | 3090 | 4.31E-13 | 3192 | 9.56E-13 |
| 2072 | 1.41E-14 | 2174 | 1.78E-16 | 2276 | 2.80E-14 | 2378 | 2.70E-14 | 2480 | 3.29E-14 | 2582 | 3.63E-14 | 2684 | 5.81E-14 | 2786 | 9.45E-14 | 2888 | 1.66E-13 | 2990 | 2.41E-13 | 3092 | 4.09E-13 | 3194 | 9.31E-13 |
| 2074 | -2.95E-15 | 2176 | 1.89E-14 | 2278 | 1.44E-14 | 2380 | 1.79E-14 | 2482 | 1.52E-14 | 2584 | 2.65E-14 | 2686 | 5.56E-14 | 2788 | 9.85E-14 | 2890 | 1.65E-13 | 2992 | 2.46E-13 | 3094 | 3.69E-13 | 3196 | 9.32E-13 |
| 2076 | 4.84E-14 | 2178 | 6.84E-14 | 2280 | -2.75E-14 | 2382 | 3.84E-14 | 2484 | 1.72E-14 | 2586 | 2.54E-14 | 2688 | 5.76E-14 | 2790 | 1.12E-13 | 2892 | 1.63E-13 | 2994 | 2.45E-13 | 3096 | 3.52E-13 | 3198 | 9.69E-13 |


HD 70272 K7 III V=4.25 (B-V)=1.55 E(B-V)=0.02
LAP: LWP 7030
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
12
9
6
3
0
1800
2000
2200
2400
2600
2800
3000
3200
WAVELENGTH (A)

**HD 52877 K7 Ib V=3.43 (B-V)=1.72 E(B-V)=0.19**

**LAP: LWP 12977**

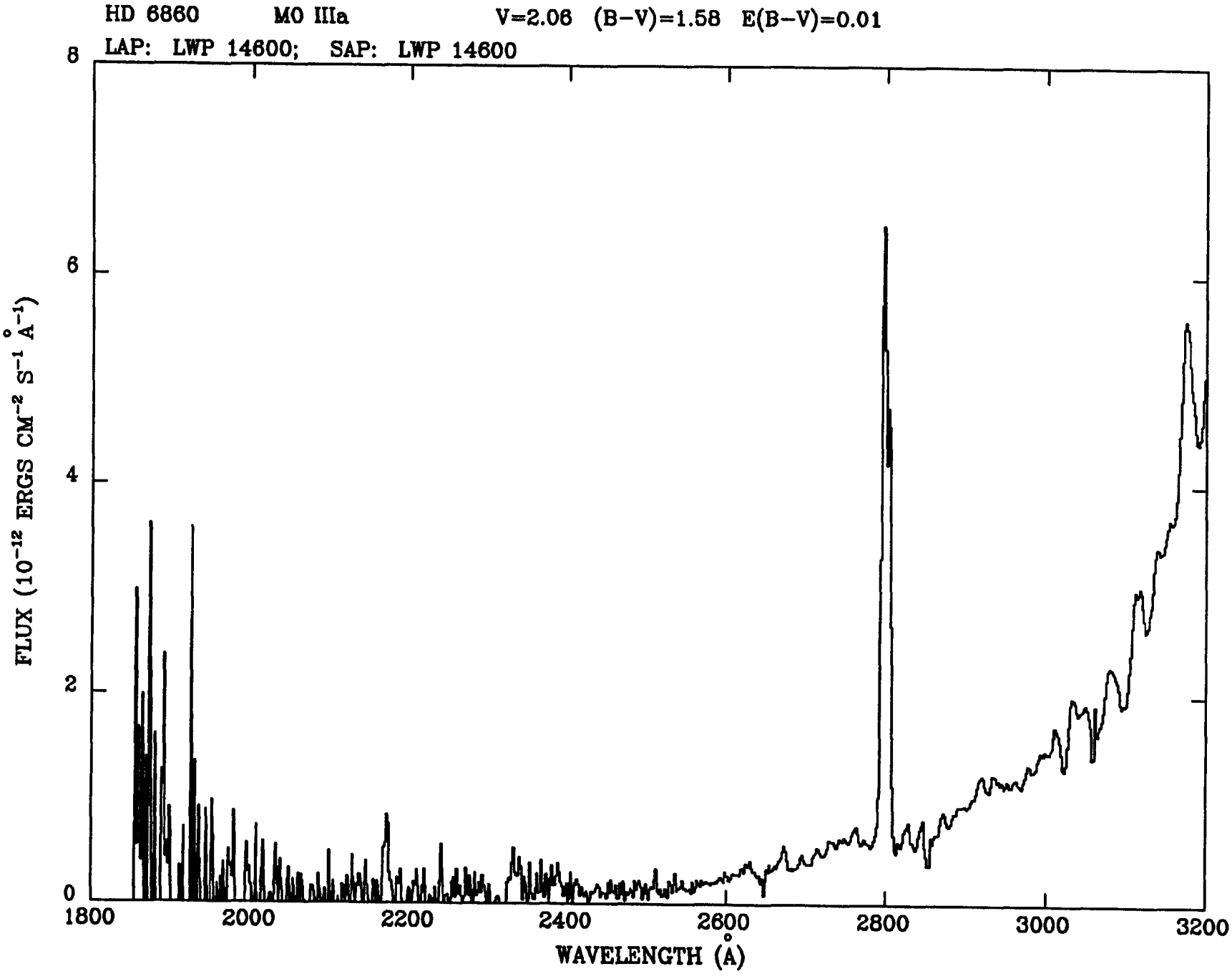
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.28E-13 | 2078 | 3.52E-13 | 2180 | -2.41E-15 | 2282 | 1.93E-13 | 2384 | 4.19E-14 | 2486 | 1.24E-13 | 2588 | 2.65E-13 | 2690 | 3.09E-13 | 2792 | 5.95E-13 | 2894 | 5.92E-13 | 2996 | 9.82E-13 | 3098 | 9.94E-13 |
| 1978 | 5.42E-13 | 2080 | -1.26E-14 | 2182 | -2.84E-13 | 2284 | 1.33E-13 | 2386 | -4.05E-14 | 2488 | 2.29E-13 | 2590 | 2.27E-13 | 2692 | 2.82E-13 | 2794 | 8.59E-13 | 2896 | 6.31E-13 | 2998 | 1.03E-12 | 3100 | 9.40E-13 |
| 1980 | 1.49E-13 | 2082 | -3.22E-13 | 2184 | 1.16E-13 | 2286 | 2.54E-14 | 2388 | 1.43E-13 | 2490 | 5.53E-14 | 2592 | 2.12E-13 | 2694 | 2.99E-13 | 2796 | 1.04E-12 | 2898 | 6.63E-13 | 3000 | 1.00E-12 | 3102 | 9.59E-13 |
| 1982 | -9.97E-14 | 2084 | -1.36E-13 | 2186 | 2.47E-13 | 2288 | 1.66E-13 | 2390 | 3.05E-13 | 2492 | 3.61E-14 | 2594 | 2.09E-13 | 2696 | 3.60E-13 | 2798 | | 2900 | 6.92E-13 | 3002 | 9.09E-13 | 3104 | 1.07E-12 |
| 1984 | -8.07E-14 | 2086 | -1.68E-13 | 2188 | -1.96E-13 | 2290 | -1.19E-13 | 2392 | 1.89E-13 | 2494 | 8.08E-14 | 2596 | 1.96E-13 | 2698 | 3.69E-13 | 2800 | | 2902 | 7.46E-13 | 3004 | 7.92E-13 | 3106 | 1.28E-12 |
| 1986 | 6.38E-13 | 2088 | -2.65E-14 | 2190 | -5.26E-13 | 2292 | -2.11E-14 | 2394 | 3.53E-14 | 2496 | 1.49E-13 | 2598 | 2.27E-13 | 2700 | 3.52E-13 | 2802 | | 2904 | 8.24E-13 | 3006 | 7.46E-13 | 3108 | 1.50E-12 |
| 1988 | 4.75E-13 | 2090 | 1.45E-13 | 2192 | -3.94E-13 | 2294 | 7.80E-13 | 2396 | 1.65E-13 | 2498 | 2.29E-13 | 2600 | 1.96E-13 | 2702 | 3.39E-13 | 2804 | | 2906 | 8.29E-13 | 3008 | 8.10E-13 | 3110 | 1.69E-12 |
| 1990 | -4.28E-14 | 2092 | 2.08E-13 | 2194 | -5.46E-14 | 2296 | 3.37E-13 | 2398 | 1.93E-13 | 2500 | 2.60E-13 | 2602 | 1.90E-13 | 2704 | 3.38E-13 | 2806 | | 2908 | 8.08E-13 | 3010 | 9.76E-13 | 3112 | 1.71E-12 |
| 1992 | 2.12E-13 | 2094 | -9.86E-14 | 2196 | -2.51E-13 | 2298 | -1.14E-14 | 2400 | 1.32E-13 | 2502 | 2.23E-13 | 2604 | 2.24E-13 | 2706 | 3.87E-13 | 2808 | | 2910 | 7.79E-13 | 3012 | 1.05E-12 | 3114 | 1.61E-12 |
| 1994 | 1.73E-13 | 2096 | -8.86E-14 | 2198 | -2.43E-13 | 2300 | -6.30E-14 | 2402 | 9.52E-14 | 2504 | 2.59E-13 | 2606 | 2.51E-13 | 2708 | 4.07E-13 | 2810 | | 2912 | 7.43E-13 | 3014 | 1.01E-12 | 3116 | 1.48E-12 |
| 1996 | 4.15E-13 | 2098 | -2.50E-13 | 2200 | 1.27E-13 | 2302 | 3.12E-14 | 2404 | 1.49E-13 | 2506 | 1.78E-13 | 2608 | 1.95E-13 | 2710 | 3.89E-13 | 2812 | 9.53E-13 | 2914 | 7.21E-13 | 3016 | 9.70E-13 | 3118 | 1.38E-12 |
| 1998 | -6.12E-13 | 2100 | 2.19E-13 | 2202 | 1.52E-13 | 2304 | 8.41E-14 | 2406 | 9.81E-14 | 2508 | 1.98E-13 | 2610 | 2.62E-13 | 2712 | 3.77E-13 | 2814 | 5.36E-13 | 2916 | 7.52E-13 | 3018 | 8.77E-13 | 3120 | 1.31E-12 |
| 2000 | -1.53E-13 | 2102 | 1.94E-13 | 2204 | -1.04E-13 | 2306 | 6.84E-14 | 2408 | 1.19E-13 | 2510 | 2.59E-13 | 2612 | 2.24E-13 | 2714 | 3.95E-13 | 2816 | 4.55E-13 | 2918 | 7.82E-13 | 3020 | 8.49E-13 | 3122 | 1.31E-12 |
| 2002 | 4.20E-13 | 2104 | -3.57E-13 | 2206 | 6.78E-14 | 2308 | -1.42E-13 | 2410 | 2.52E-13 | 2512 | 2.33E-13 | 2614 | 2.08E-13 | 2716 | 4.19E-13 | 2818 | 4.44E-13 | 2920 | 8.48E-13 | 3022 | 8.10E-13 | 3124 | 1.32E-12 |
| 2004 | -3.50E-14 | 2106 | -3.52E-13 | 2208 | -1.86E-13 | 2310 | -4.73E-14 | 2412 | 1.51E-13 | 2514 | 1.96E-13 | 2616 | 2.23E-13 | 2718 | 4.52E-13 | 2820 | 4.72E-13 | 2922 | 8.51E-13 | 3024 | 7.79E-13 | 3126 | 1.38E-12 |
| 2006 | 8.40E-14 | 2108 | -2.36E-13 | 2210 | -1.63E-13 | 2312 | -5.87E-14 | 2414 | 1.89E-13 | 2516 | 2.33E-13 | 2618 | 2.11E-13 | 2720 | 4.87E-13 | 2822 | 4.98E-13 | 2924 | 7.94E-13 | 3026 | 8.17E-13 | 3128 | 1.44E-12 |
| 2008 | 1.12E-13 | 2110 | -2.02E-13 | 2212 | -1.87E-13 | 2314 | -6.79E-14 | 2416 | 1.78E-13 | 2518 | -1.40E-13 | 2620 | 2.36E-13 | 2722 | 4.54E-13 | 2824 | 5.31E-13 | 2926 | 7.06E-13 | 3028 | 9.16E-13 | 3130 | 1.38E-12 |
| 2010 | -2.35E-13 | 2112 | -2.37E-13 | 2214 | -1.32E-13 | 2316 | 1.05E-13 | 2418 | 1.50E-13 | 2520 | -1.72E-14 | 2622 | 2.63E-13 | 2724 | 4.18E-13 | 2826 | 5.94E-13 | 2928 | 7.24E-13 | 3030 | 1.07E-12 | 3132 | 1.36E-12 |
| 2012 | 6.57E-13 | 2114 | -1.90E-14 | 2216 | -3.51E-13 | 2318 | -9.24E-14 | 2420 | 2.72E-13 | 2522 | 6.12E-14 | 2624 | 3.41E-13 | 2726 | 3.88E-13 | 2828 | 6.81E-13 | 2930 | 7.35E-13 | 3032 | 1.14E-12 | 3134 | 1.39E-12 |
| 2014 | 1.18E-12 | 2116 | 2.03E-13 | 2218 | -4.00E-13 | 2320 | 7.10E-14 | 2422 | 2.89E-13 | 2524 | 1.64E-13 | 2626 | 3.48E-13 | 2728 | 3.90E-13 | 2830 | 6.34E-13 | 2932 | 7.52E-13 | 3034 | 1.16E-12 | 3136 | 1.47E-12 |
| 2016 | 6.31E-13 | 2118 | 1.32E-13 | 2220 | -5.84E-14 | 2322 | 1.02E-13 | 2424 | 1.53E-13 | 2526 | 1.15E-13 | 2628 | 3.03E-13 | 2730 | 4.43E-13 | 2832 | 5.43E-13 | 2934 | 7.84E-13 | 3036 | 1.20E-12 | 3138 | 1.58E-12 |
| 2018 | 2.42E-13 | 2120 | 2.17E-13 | 2222 | 1.14E-13 | 2324 | -2.67E-15 | 2426 | 1.13E-13 | 2528 | 1.86E-13 | 2630 | 2.71E-13 | 2732 | 4.79E-13 | 2834 | 5.32E-13 | 2936 | 8.17E-13 | 3038 | 1.24E-12 | 3140 | 1.70E-12 |
| 2020 | 1.25E-13 | 2122 | 2.80E-15 | 2224 | 1.78E-13 | 2326 | 6.26E-14 | 2428 | 1.25E-13 | 2530 | 1.32E-13 | 2632 | 2.37E-13 | 2734 | 5.15E-13 | 2836 | 5.55E-13 | 2938 | 7.80E-13 | 3040 | 1.19E-12 | 3142 | 1.84E-12 |
| 2022 | -4.54E-14 | 2124 | -3.34E-13 | 2226 | -5.71E-14 | 2328 | 2.01E-13 | 2430 | 1.24E-13 | 2532 | 1.33E-13 | 2634 | 1.97E-13 | 2736 | 5.16E-13 | 2838 | 5.59E-13 | 2940 | 7.26E-13 | 3042 | 1.10E-12 | 3144 | 1.91E-12 |
| 2024 | 1.31E-14 | 2126 | 1.57E-13 | 2228 | -2.19E-13 | 2330 | 1.18E-13 | 2432 | 1.00E-13 | 2534 | 1.41E-13 | 2636 | 2.63E-13 | 2738 | 5.26E-13 | 2840 | 4.84E-13 | 2942 | 6.76E-13 | 3044 | 1.05E-12 | 3146 | 1.83E-12 |
| 2026 | 1.61E-13 | 2128 | 3.86E-13 | 2230 | -8.61E-14 | 2332 | 1.96E-13 | 2434 | 1.03E-13 | 2536 | 1.58E-13 | 2638 | 3.02E-13 | 2740 | 5.05E-13 | 2842 | 4.78E-13 | 2944 | 7.06E-13 | 3046 | 1.02E-12 | 3148 | 1.78E-12 |
| 2028 | -1.44E-13 | 2130 | -8.50E-14 | 2232 | -8.38E-14 | 2334 | 2.70E-13 | 2436 | 1.72E-13 | 2538 | 9.14E-14 | 2640 | 2.68E-13 | 2742 | 4.87E-13 | 2844 | 4.98E-13 | 2946 | 7.06E-13 | 3048 | 1.04E-12 | 3150 | 1.74E-12 |
| 2030 | -1.20E-14 | 2132 | -2.13E-13 | 2234 | -2.74E-13 | 2336 | 2.30E-13 | 2438 | 1.56E-13 | 2540 | 6.91E-14 | 2642 | 2.61E-13 | 2744 | 5.12E-13 | 2846 | 5.58E-13 | 2948 | 6.92E-13 | 3050 | 1.02E-12 | 3152 | 1.79E-12 |
| 2032 | 3.45E-13 | 2134 | -4.24E-15 | 2236 | -4.65E-13 | 2338 | 2.05E-13 | 2440 | 2.45E-13 | 2542 | 1.95E-13 | 2644 | 3.44E-13 | 2746 | 5.15E-13 | 2848 | 5.96E-13 | 2950 | 6.71E-13 | 3052 | 9.66E-13 | 3154 | 1.88E-12 |
| 2034 | -5.69E-14 | 2136 | 1.63E-13 | 2238 | -1.64E-13 | 2340 | 1.09E-13 | 2442 | 1.13E-13 | 2544 | 1.28E-13 | 2646 | 3.50E-13 | 2748 | 4.95E-13 | 2850 | | 2952 | 6.66E-13 | 3054 | | 3156 | 1.76E-12 |
| 2036 | 1.30E-13 | 2138 | 2.86E-13 | 2240 | 1.57E-13 | 2342 | 1.33E-13 | 2444 | 5.49E-14 | 2546 | 6.34E-14 | 2648 | 2.69E-13 | 2750 | 4.93E-13 | 2852 | | 2954 | 7.03E-13 | 3056 | | 3158 | 1.63E-12 |
| 2038 | 3.47E-13 | 2140 | 4.28E-13 | 2242 | 2.65E-13 | 2344 | 8.29E-14 | 2446 | 1.26E-13 | 2548 | 1.42E-13 | 2650 | 2.75E-13 | 2752 | 4.53E-13 | 2854 | | 2956 | 7.74E-13 | 3058 | | 3160 | 1.61E-12 |
| 2040 | -1.08E-13 | 2142 | 1.50E-14 | 2244 | 2.10E-13 | 2346 | 2.85E-14 | 2448 | 1.88E-13 | 2550 | 1.54E-13 | 2652 | 3.19E-13 | 2754 | 3.93E-13 | 2856 | | 2958 | 8.49E-13 | 3060 | | 3162 | 1.74E-12 |
| 2042 | -3.37E-13 | 2144 | -1.19E-13 | 2246 | 3.75E-14 | 2348 | -4.31E-14 | 2450 | 1.73E-13 | 2552 | 1.76E-13 | 2654 | 3.70E-13 | 2756 | 4.37E-13 | 2858 | | 2960 | 8.66E-13 | 3062 | 8.15E-13 | 3164 | 1.88E-12 |
| 2044 | -2.48E-13 | 2146 | 6.89E-14 | 2248 | 7.38E-14 | 2350 | 1.08E-13 | 2452 | 2.04E-13 | 2554 | 1.74E-13 | 2656 | 4.07E-13 | 2758 | 4.63E-13 | 2860 | 5.91E-13 | 2962 | 8.50E-13 | 3064 | 8.31E-13 | 3166 | 2.03E-12 |
| 2046 | -1.36E-13 | 2148 | 4.47E-13 | 2250 | 1.03E-13 | 2352 | 8.43E-14 | 2454 | 1.88E-13 | 2556 | 1.71E-13 | 2658 | 4.39E-13 | 2760 | 5.19E-13 | 2862 | 5.84E-13 | 2964 | 8.58E-13 | 3066 | 8.65E-13 | 3168 | 2.10E-12 |
| 2048 | -4.08E-13 | 2150 | 6.11E-15 | 2252 | -1.40E-13 | 2354 | 1.51E-13 | 2456 | 1.54E-13 | 2558 | 1.54E-13 | 2660 | 4.19E-13 | 2762 | 5.97E-13 | 2864 | 5.92E-13 | 2966 | 7.86E-13 | 3068 | 9.88E-13 | 3170 | 2.15E-12 |
| 2050 | -3.16E-13 | 2152 | 4.85E-13 | 2254 | -3.73E-15 | 2356 | 1.51E-13 | 2458 | 1.84E-13 | 2560 | 1.93E-13 | 2662 | 3.54E-13 | 2764 | 5.68E-13 | 2866 | 5.36E-13 | 2968 | 6.72E-13 | 3070 | 9.84E-13 | 3172 | 2.34E-12 |
| 2052 | 2.04E-13 | 2154 | 1.41E-13 | 2256 | 1.76E-13 | 2358 | 1.24E-13 | 2460 | 2.02E-13 | 2562 | 1.94E-13 | 2664 | 3.28E-13 | 2766 | 4.97E-13 | 2868 | 5.12E-13 | 2970 | 6.19E-13 | 3072 | 1.02E-12 | 3174 | 2.53E-12 |
| 2054 | 1.74E-13 | 2156 | -1.79E-13 | 2258 | 1.23E-13 | 2360 | 5.86E-14 | 2462 | 1.49E-13 | 2564 | 2.16E-13 | 2666 | 3.35E-13 | 2768 | 4.91E-13 | 2870 | 4.97E-13 | 2972 | 6.31E-13 | 3074 | 1.12E-12 | 3176 | 2.66E-12 |
| 2056 | 1.30E-13 | 2158 | 3.06E-14 | 2260 | 1.11E-13 | 2362 | -4.45E-14 | 2464 | 1.99E-13 | 2566 | 2.13E-13 | 2668 | 3.26E-13 | 2770 | 4.64E-13 | 2872 | 5.34E-13 | 2974 | 6.53E-13 | 3076 | 1.18E-12 | 3178 | 2.59E-12 |
| 2058 | 8.51E-14 | 2160 | 5.56E-13 | 2262 | 6.62E-14 | 2364 | -1.02E-13 | 2466 | 1.57E-13 | 2568 | 2.27E-13 | 2670 | 3.77E-13 | 2772 | 4.89E-13 | 2874 | 5.70E-13 | 2976 | 7.27E-13 | 3078 | 1.20E-12 | 3180 | 2.41E-12 |
| 2060 | -2.76E-13 | 2162 | 3.11E-13 | 2264 | -8.78E-14 | 2366 | 2.53E-14 | 2468 | 9.08E-14 | 2570 | 2.64E-13 | 2672 | 4.80E-13 | 2774 | 5.48E-13 | 2876 | 5.57E-13 | 2978 | 8.29E-13 | 3080 | 1.19E-12 | 3182 | 2.35E-12 |
| 2062 | -5.91E-13 | 2164 | -9.92E-14 | 2266 | 4.19E-14 | 2368 | 2.37E-13 | 2470 | 1.26E-13 | 2572 | 1.97E-13 | 2674 | 5.24E-13 | 2776 | 5.68E-13 | 2878 | 5.59E-13 | 2980 | 9.25E-13 | 3082 | 1.17E-12 | 3184 | 2.30E-12 |
| 2064 | -3.65E-13 | 2166 | 1.30E-13 | 2268 | 1.30E-13 | 2370 | 1.92E-13 | 2472 | 8.64E-14 | 2574 | 1.86E-13 | 2676 | 4.91E-13 | 2778 | 5.91E-13 | 2880 | 5.42E-13 | 2982 | 8.94E-13 | 3084 | 1.16E-12 | 3186 | 2.00E-12 |
| 2066 | -3.90E-13 | 2168 | 1.07E-13 | 2270 | 2.02E-14 | 2372 | 2.05E-14 | 2474 | 7.04E-14 | 2576 | 1.62E-13 | 2678 | 4.16E-13 | 2780 | 5.15E-13 | 2882 | 5.42E-13 | 2984 | 7.74E-13 | 3086 | 1.15E-12 | 3188 | 1.94E-12 |
| 2068 | 1.72E-13 | 2170 | -2.75E-14 | 2272 | -2.97E-14 | 2374 | 1.09E-13 | 2476 | 1.20E-13 | 2578 | 1.38E-13 | 2680 | 3.92E-13 | 2782 | 4.84E-13 | 2884 | 5.45E-13 | 2986 | 7.42E-13 | 3088 | 1.22E-12 | 3190 | 2.13E-12 |
| 2070 | -2.83E-13 | 2172 | -2.11E-13 | 2274 | -7.43E-14 | 2376 | 2.66E-13 | 2478 | 1.77E-13 | 2580 | 2.36E-13 | 2682 | 4.28E-13 | 2784 | 4.89E-13 | 2886 | 5.55E-13 | 2988 | 7.67E-13 | 3090 | 1.27E-12 | 3192 | 2.19E-12 |
| 2072 | -3.68E-13 | 2174 | 1.25E-13 | 2276 | 7.19E-14 | 2378 | 6.38E-14 | 2480 | 2.45E-13 | 2582 | 2.08E-13 | 2684 | 3.94E-13 | 2786 | 4.84E-13 | 2888 | 6.17E-13 | 2990 | 8.03E-13 | 3092 | 1.18E-12 | 3194 | 2.13E-12 |
| 2074 | -3.03E-14 | 2176 | 2.23E-13 | 2278 | -7.50E-14 | 2380 | 2.80E-14 | 2482 | 2.29E-13 | 2584 | 1.71E-13 | 2686 | 3.58E-13 | 2788 | 5.22E-13 | 2890 | 6.74E-13 | 2992 | 8.55E-13 | 3094 | 1.01E-12 | 3196 | 2.12E-12 |
| 2076 | 1.62E-13 | 2178 | -5.83E-14 | 2280 | -1.85E-13 | 2382 | 1.56E-13 | 2484 | 1.01E-13 | 2586 | 2.22E-13 | 2688 | 3.36E-13 | 2790 | 5.27E-13 | 2892 | 6.36E-13 | 2994 | 9.27E-13 | 3096 | 9.93E-13 | 3198 | 2.09E-12 |


HD 52877 K7 Ib V=3.43 (B-V)=1.72 E(B-V)=0.19
LAP: LWP 12977
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
1
2
3
4
1800
2000
2200
2400
2600
2800
3000
3200

**HD 6860 M0 IIIa V=2.06 (B-V)=1.58 E(B-V)=0.01**

**LAP: LWP 14600; SAP: LWP 14600**

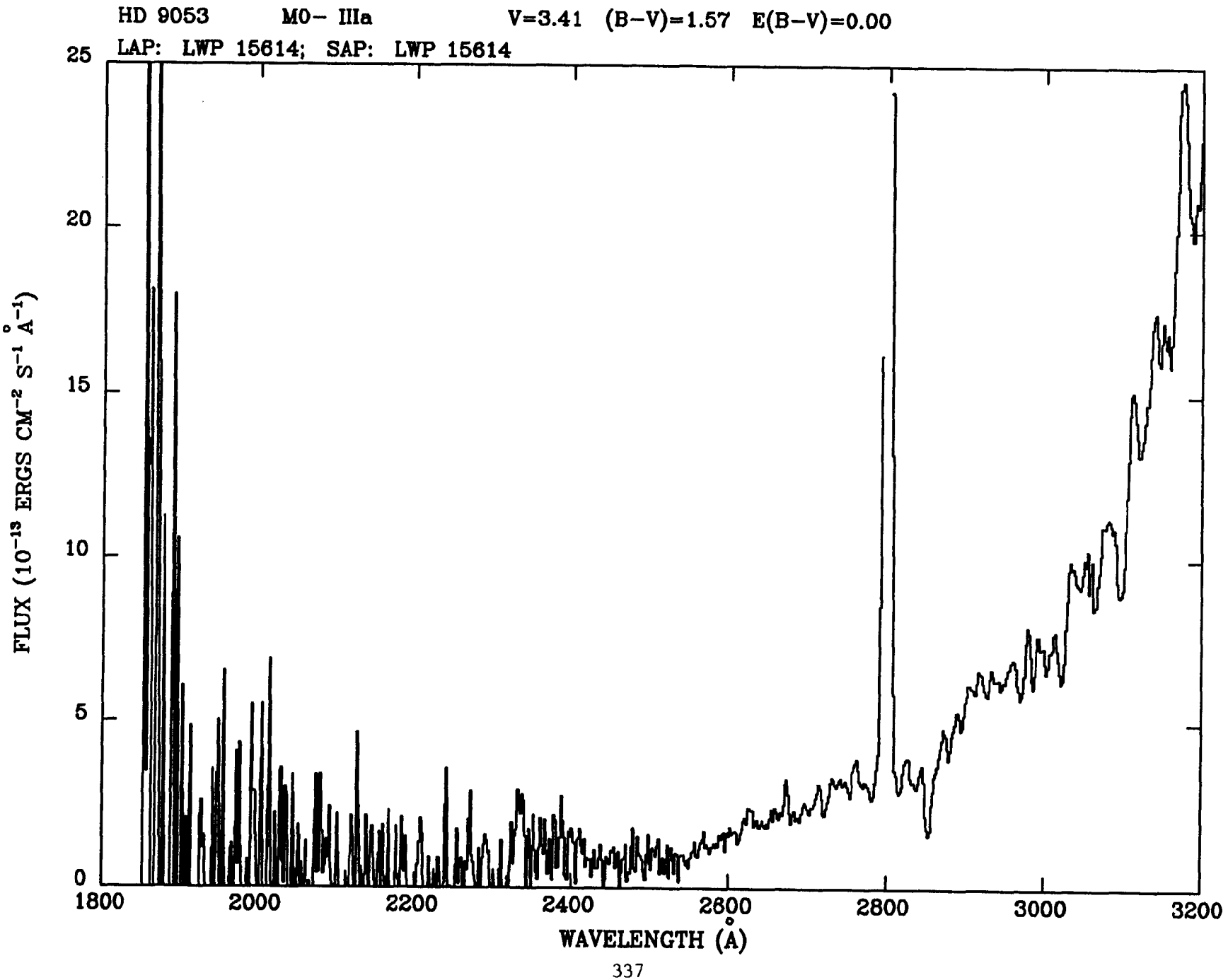
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.84E-13 | 2078 | 1.29E-13 | 2180 | -1.49E-13 | 2282 | 1.80E-13 | 2384 | 1.94E-13 | 2486 | 1.55E-13 | 2588 | 2.10E-13 | 2690 | 3.54E-13 | 2792 | 2.06E-12 | 2894 | 9.35E-13 | 2996 | 1.45E-12 | 3098 | 1.92E-12 |
| 1978 | 6.55E-13 | 2080 | -6.66E-14 | 2182 | -4.93E-14 | 2284 | 1.37E-13 | 2386 | 2.93E-13 | 2488 | 1.83E-13 | 2590 | 2.37E-13 | 2692 | 3.88E-13 | 2794 | 4.52E-12 | 2896 | 9.38E-13 | 2998 | 1.46E-12 | 3100 | 1.97E-12 |
| 1980 | -1.78E-13 | 2082 | -5.66E-14 | 2184 | 2.28E-13 | 2286 | 1.04E-13 | 2388 | 3.58E-13 | 2490 | 2.17E-13 | 2592 | 2.56E-13 | 2694 | 4.50E-13 | 2796 | 6.14E-12 | 2898 | 9.44E-13 | 3000 | 1.46E-12 | 3102 | 2.12E-12 |
| 1982 | -4.65E-13 | 2084 | 1.96E-13 | 2186 | 1.84E-13 | 2288 | 1.86E-13 | 2390 | 2.61E-13 | 2492 | 1.62E-13 | 2594 | 2.42E-13 | 2696 | 4.67E-13 | 2798 | 5.72E-12 | 2900 | 9.43E-13 | 3002 | 1.46E-12 | 3104 | 2.30E-12 |
| 1984 | -2.71E-13 | 2086 | 1.62E-13 | 2188 | 2.34E-13 | 2290 | 1.08E-13 | 2392 | 1.86E-13 | 2494 | 4.96E-14 | 2596 | 2.17E-13 | 2698 | 4.22E-13 | 2800 | 4.53E-12 | 2902 | 9.28E-13 | 3004 | 1.45E-12 | 3106 | 2.52E-12 |
| 1986 | -3.44E-13 | 2088 | 1.54E-15 | 2190 | 1.89E-13 | 2292 | 2.56E-13 | 2394 | 1.12E-13 | 2496 | 1.57E-13 | 2598 | 2.76E-13 | 2700 | 3.93E-13 | 2802 | 4.61E-12 | 2904 | 9.44E-13 | 3006 | 1.49E-12 | 3108 | 2.79E-12 |
| 1988 | 1.07E-15 | 2090 | -1.39E-13 | 2192 | -1.32E-13 | 2294 | 1.62E-13 | 2396 | 1.22E-13 | 2498 | 1.73E-13 | 2600 | 2.81E-13 | 2702 | 3.86E-13 | 2804 | 4.59E-12 | 2906 | 9.67E-13 | 3008 | 1.52E-12 | 3110 | 2.97E-12 |
| 1990 | -1.20E-13 | 2092 | 1.13E-13 | 2194 | -2.36E-13 | 2296 | 7.58E-14 | 2398 | 1.78E-13 | 2500 | 8.25E-14 | 2602 | 2.72E-13 | 2704 | 3.85E-13 | 2806 | 2.86E-12 | 2908 | 1.00E-12 | 3010 | 1.63E-12 | 3112 | 2.98E-12 |
| 1992 | -2.45E-14 | 2094 | 6.25E-15 | 2196 | -6.94E-14 | 2298 | -2.52E-14 | 2400 | 7.70E-14 | 2502 | 7.41E-14 | 2604 | 2.29E-13 | 2706 | 3.90E-13 | 2808 | 1.19E-12 | 2910 | 1.02E-12 | 3012 | 1.70E-12 | 3114 | 2.98E-12 |
| 1994 | 5.02E-13 | 2096 | 7.48E-14 | 2198 | 9.80E-14 | 2300 | 1.62E-13 | 2402 | 1.67E-13 | 2504 | 1.52E-13 | 2606 | 2.41E-13 | 2708 | 4.21E-13 | 2810 | 6.47E-13 | 2912 | 1.04E-12 | 3014 | 1.67E-12 | 3116 | 3.03E-12 |
| 1996 | 3.11E-13 | 2098 | 3.92E-13 | 2200 | 1.03E-13 | 2302 | 7.55E-14 | 2404 | 2.84E-13 | 2506 | 1.57E-13 | 2608 | 2.88E-13 | 2710 | 4.68E-13 | 2812 | 5.17E-13 | 2914 | 1.11E-12 | 3016 | 1.62E-12 | 3118 | 3.01E-12 |
| 1998 | 2.81E-13 | 2100 | 3.64E-14 | 2202 | -9.29E-14 | 2304 | -4.08E-14 | 2406 | 4.28E-16 | 2508 | 1.94E-13 | 2610 | 2.92E-13 | 2712 | 4.91E-13 | 2814 | 5.10E-13 | 2916 | 1.17E-12 | 3018 | 1.53E-12 | 3120 | 2.88E-12 |
| 2000 | 1.27E-13 | 2102 | 3.84E-14 | 2204 | 8.27E-14 | 2306 | -7.11E-14 | 2408 | 1.95E-13 | 2510 | 2.93E-13 | 2612 | 2.82E-13 | 2714 | 5.28E-13 | 2816 | 5.83E-13 | 2918 | 1.21E-12 | 3020 | 1.40E-12 | 3122 | 2.75E-12 |
| 2002 | -1.58E-13 | 2104 | -1.90E-14 | 2206 | 2.02E-13 | 2308 | 6.52E-15 | 2410 | 1.86E-13 | 2512 | 1.95E-13 | 2614 | 2.86E-13 | 2716 | 5.34E-13 | 2818 | 5.56E-13 | 2920 | 1.24E-12 | 3022 | 1.30E-12 | 3124 | 2.62E-12 |
| 2004 | -1.92E-13 | 2106 | -3.89E-13 | 2208 | 1.75E-13 | 2310 | 4.42E-14 | 2412 | 2.21E-13 | 2514 | 1.03E-13 | 2616 | 2.86E-13 | 2718 | 5.02E-13 | 2820 | 5.77E-13 | 2922 | 1.21E-12 | 3024 | 1.32E-12 | 3126 | 2.65E-12 |
| 2006 | 6.64E-13 | 2108 | -1.86E-13 | 2210 | 2.63E-13 | 2312 | 6.45E-14 | 2414 | 1.56E-13 | 2516 | 1.32E-13 | 2618 | 2.98E-13 | 2720 | 4.76E-13 | 2822 | 6.49E-13 | 2924 | 1.14E-12 | 3026 | 1.46E-12 | 3128 | 2.70E-12 |
| 2008 | 3.04E-14 | 2110 | -4.47E-14 | 2212 | -7.96E-14 | 2314 | 1.48E-14 | 2416 | 1.01E-13 | 2518 | 8.17E-14 | 2620 | 3.42E-13 | 2722 | 4.65E-13 | 2824 | 7.13E-13 | 2926 | 1.10E-12 | 3028 | 1.66E-12 | 3130 | 2.81E-12 |
| 2010 | -3.92E-13 | 2112 | -2.92E-14 | 2214 | -8.66E-14 | 2316 | -4.01E-15 | 2418 | 1.27E-13 | 2520 | 8.81E-14 | 2622 | 3.24E-13 | 2724 | 4.74E-13 | 2826 | 7.40E-13 | 2928 | 1.09E-12 | 3030 | 1.88E-12 | 3132 | 2.92E-12 |
| 2012 | -4.26E-14 | 2114 | 1.31E-13 | 2216 | 1.41E-13 | 2318 | -1.56E-14 | 2420 | 7.69E-14 | 2522 | 1.41E-13 | 2624 | 3.48E-13 | 2726 | 5.02E-13 | 2828 | 7.74E-13 | 2930 | 1.10E-12 | 3032 | 1.98E-12 | 3134 | 3.10E-12 |
| 2014 | 4.00E-13 | 2116 | 1.63E-13 | 2218 | 1.91E-13 | 2320 | -4.64E-17 | 2422 | 8.57E-14 | 2524 | 6.85E-14 | 2626 | 3.83E-13 | 2728 | 5.56E-13 | 2830 | 7.27E-13 | 2932 | 1.18E-12 | 3034 | 1.98E-12 | 3136 | 3.28E-12 |
| 2016 | 3.71E-13 | 2118 | 1.26E-14 | 2220 | 3.82E-14 | 2322 | 1.62E-14 | 2424 | 1.11E-13 | 2526 | 8.65E-14 | 2628 | 3.62E-13 | 2730 | 6.09E-13 | 2832 | 6.18E-13 | 2934 | 1.24E-12 | 3036 | 1.95E-12 | 3138 | 3.39E-12 |
| 2018 | -4.74E-14 | 2120 | 2.43E-13 | 2222 | -2.24E-13 | 2324 | 2.06E-13 | 2426 | 3.36E-14 | 2528 | 2.10E-13 | 2630 | 3.99E-13 | 2732 | 6.03E-13 | 2834 | 5.95E-13 | 2936 | 1.23E-12 | 3038 | 1.87E-12 | 3140 | 3.42E-12 |
| 2020 | -7.40E-14 | 2122 | 2.29E-13 | 2224 | -1.62E-14 | 2326 | 2.41E-13 | 2428 | 2.69E-14 | 2530 | 1.60E-13 | 2632 | 3.58E-13 | 2734 | 6.03E-13 | 2836 | 5.60E-13 | 2938 | 1.20E-12 | 3040 | 1.83E-12 | 3142 | 3.39E-12 |
| 2022 | 1.09E-14 | 2124 | -1.56E-13 | 2226 | 6.96E-14 | 2328 | 2.68E-13 | 2430 | 9.72E-14 | 2532 | 1.38E-13 | 2634 | 3.16E-13 | 2736 | 5.87E-13 | 2838 | 5.32E-13 | 2940 | 1.19E-12 | 3042 | 1.84E-12 | 3144 | 3.38E-12 |
| 2024 | 8.53E-14 | 2126 | 5.07E-15 | 2228 | 2.03E-15 | 2330 | 4.41E-13 | 2432 | 1.01E-13 | 2534 | 2.38E-13 | 2636 | 3.11E-13 | 2738 | 5.58E-13 | 2840 | 5.78E-13 | 2942 | 1.17E-12 | 3044 | 1.86E-12 | 3146 | 3.39E-12 |
| 2026 | 3.37E-15 | 2128 | 4.06E-13 | 2230 | 2.65E-14 | 2332 | 4.39E-13 | 2434 | 1.10E-13 | 2536 | 2.09E-13 | 2638 | 2.79E-13 | 2740 | 5.77E-13 | 2842 | 6.64E-13 | 2944 | 1.17E-12 | 3046 | 1.88E-12 | 3148 | 3.45E-12 |
| 2028 | -1.28E-14 | 2130 | 1.53E-13 | 2232 | 1.32E-13 | 2334 | 2.84E-13 | 2436 | 1.47E-13 | 2538 | 1.38E-13 | 2640 | 2.64E-13 | 2742 | 6.19E-13 | 2844 | 7.29E-13 | 2946 | 1.16E-12 | 3048 | 1.92E-12 | 3150 | 3.53E-12 |
| 2030 | 4.43E-13 | 2132 | 5.99E-14 | 2234 | -6.73E-14 | 2336 | 2.66E-13 | 2438 | 1.77E-13 | 2540 | 1.48E-13 | 2642 | 2.58E-13 | 2744 | 6.22E-13 | 2846 | 7.80E-13 | 2948 | 1.12E-12 | 3050 | 1.90E-12 | 3152 | 3.62E-12 |
| 2032 | 3.67E-13 | 2134 | 1.72E-13 | 2236 | -4.34E-14 | 2338 | 3.75E-13 | 2440 | 1.43E-13 | 2542 | 1.62E-13 | 2644 | 2.13E-13 | 2746 | 6.07E-13 | 2848 | 7.07E-13 | 2950 | 1.14E-12 | 3052 | 1.84E-12 | 3154 | 3.69E-12 |
| 2034 | -2.76E-14 | 2136 | 2.24E-13 | 2238 | 2.63E-13 | 2340 | 3.87E-13 | 2442 | 7.65E-14 | 2544 | 2.10E-13 | 2646 | 1.91E-13 | 2748 | 6.35E-13 | 2850 | 5.12E-13 | 2952 | 1.18E-12 | 3054 | 1.76E-12 | 3156 | 3.67E-12 |
| 2036 | 4.02E-13 | 2138 | 2.53E-13 | 2240 | 5.17E-13 | 2342 | 1.31E-13 | 2444 | 1.08E-13 | 2546 | 1.56E-13 | 2648 | 1.47E-13 | 2750 | 6.27E-13 | 2852 | 4.14E-13 | 2954 | 1.16E-12 | 3056 | 1.52E-12 | 3158 | 3.66E-12 |
| 2038 | 1.50E-13 | 2140 | 4.78E-14 | 2242 | 2.35E-13 | 2344 | 2.02E-13 | 2446 | 1.00E-13 | 2548 | 1.49E-13 | 2650 | 2.83E-13 | 2752 | 5.99E-13 | 2854 | 3.72E-13 | 2956 | 1.13E-12 | 3058 | 1.41E-12 | 3160 | 3.69E-12 |
| 2040 | -3.32E-13 | 2142 | -6.75E-14 | 2244 | -1.60E-15 | 2346 | 2.14E-13 | 2448 | 7.65E-14 | 2550 | 1.31E-13 | 2652 | 3.22E-13 | 2754 | 5.92E-13 | 2856 | 5.46E-13 | 2958 | 1.14E-12 | 3060 | 1.81E-12 | 3162 | 3.79E-12 |
| 2042 | -5.22E-13 | 2144 | 3.08E-13 | 2246 | 7.04E-14 | 2348 | -2.17E-14 | 2450 | 1.27E-13 | 2552 | 1.36E-13 | 2654 | 3.53E-13 | 2756 | 6.24E-13 | 2858 | 5.97E-13 | 2960 | 1.18E-12 | 3062 | 1.70E-12 | 3164 | 4.01E-12 |
| 2044 | -1.48E-14 | 2146 | 2.08E-13 | 2248 | 7.91E-14 | 2350 | 5.65E-14 | 2452 | 1.46E-13 | 2554 | 1.42E-13 | 2656 | 3.40E-13 | 2758 | 6.70E-13 | 2860 | 6.27E-13 | 2962 | 1.20E-12 | 3064 | 1.63E-12 | 3166 | 4.32E-12 |
| 2046 | 2.63E-13 | 2148 | 7.64E-14 | 2250 | -4.99E-14 | 2352 | 3.63E-13 | 2454 | 1.83E-13 | 2556 | 1.32E-13 | 2658 | 3.22E-13 | 2760 | 7.05E-13 | 2862 | 6.63E-13 | 2964 | 1.18E-12 | 3066 | 1.69E-12 | 3168 | 4.68E-12 |
| 2048 | -2.46E-15 | 2150 | -3.20E-13 | 2252 | -5.38E-14 | 2354 | 8.85E-14 | 2456 | 1.53E-13 | 2558 | 1.87E-13 | 2660 | 3.43E-13 | 2762 | 7.25E-13 | 2864 | 6.68E-13 | 2966 | 1.15E-12 | 3068 | 1.73E-12 | 3170 | 5.08E-12 |
| 2050 | -1.42E-13 | 2152 | -1.73E-13 | 2254 | 1.50E-13 | 2356 | 4.36E-14 | 2458 | 1.06E-13 | 2560 | 1.32E-13 | 2662 | 3.64E-13 | 2764 | 7.14E-13 | 2866 | 6.80E-13 | 2968 | 1.14E-12 | 3070 | 1.79E-12 | 3172 | 5.44E-12 |
| 2052 | 1.67E-13 | 2154 | 2.15E-13 | 2256 | 2.33E-13 | 2358 | 7.41E-14 | 2460 | 1.68E-13 | 2562 | 1.88E-13 | 2664 | 3.50E-13 | 2766 | 6.39E-13 | 2868 | 7.87E-13 | 2970 | 1.12E-12 | 3072 | 1.90E-12 | 3174 | 5.58E-12 |
| 2054 | -1.11E-14 | 2156 | 1.47E-13 | 2258 | 1.04E-13 | 2360 | 2.01E-13 | 2462 | 6.60E-14 | 2564 | 2.11E-13 | 2666 | 3.90E-13 | 2768 | 5.84E-13 | 2870 | 8.54E-13 | 2972 | 1.17E-12 | 3074 | 2.06E-12 | 3176 | 5.53E-12 |
| 2056 | -5.29E-14 | 2158 | 3.22E-14 | 2260 | 2.84E-13 | 2362 | 2.07E-13 | 2464 | 5.58E-14 | 2566 | 1.83E-13 | 2668 | 4.21E-13 | 2770 | 5.78E-13 | 2872 | 8.81E-13 | 2974 | 1.21E-12 | 3076 | 2.19E-12 | 3178 | 5.43E-12 |
| 2058 | 2.13E-13 | 2160 | 1.24E-13 | 2262 | 1.11E-13 | 2364 | 1.03E-13 | 2466 | 1.85E-13 | 2568 | 2.08E-13 | 2670 | 4.59E-13 | 2772 | 6.16E-13 | 2874 | 8.39E-13 | 2976 | 1.28E-12 | 3078 | 2.26E-12 | 3180 | 5.17E-12 |
| 2060 | 5.53E-14 | 2162 | -1.18E-13 | 2264 | 1.60E-13 | 2366 | 2.73E-13 | 2468 | 1.07E-13 | 2570 | 2.05E-13 | 2672 | 5.20E-13 | 2774 | 6.25E-13 | 2876 | 7.81E-13 | 2978 | 1.34E-12 | 3080 | 2.27E-12 | 3182 | 4.93E-12 |
| 2062 | 2.54E-13 | 2164 | 1.64E-14 | 2266 | 6.38E-14 | 2368 | 2.61E-13 | 2470 | 1.69E-13 | 2572 | 1.95E-13 | 2674 | 5.43E-13 | 2776 | 5.96E-13 | 2878 | 7.55E-13 | 2980 | 1.33E-12 | 3082 | 2.25E-12 | 3184 | 4.82E-12 |
| 2064 | 1.87E-13 | 2166 | 4.04E-13 | 2268 | 2.97E-14 | 2370 | 9.74E-14 | 2472 | 5.60E-14 | 2574 | 2.13E-13 | 2676 | 4.76E-13 | 2778 | 5.82E-13 | 2880 | 7.63E-13 | 2982 | 1.27E-12 | 3084 | 2.23E-12 | 3186 | 4.67E-12 |
| 2066 | -1.42E-13 | 2168 | 5.62E-13 | 2270 | 1.28E-13 | 2372 | 2.25E-13 | 2474 | 1.05E-13 | 2576 | 2.08E-13 | 2678 | 3.85E-13 | 2780 | 5.78E-13 | 2882 | 8.10E-13 | 2984 | 1.28E-12 | 3086 | 2.19E-12 | 3188 | 4.50E-12 |
| 2068 | -6.69E-14 | 2170 | 7.65E-13 | 2272 | 2.64E-13 | 2374 | 2.86E-13 | 2476 | 9.13E-14 | 2578 | 1.97E-13 | 2680 | 3.35E-13 | 2782 | 5.48E-13 | 2884 | 8.59E-13 | 2986 | 1.29E-12 | 3088 | 2.15E-12 | 3190 | 4.42E-12 |
| 2070 | -3.99E-13 | 2172 | 7.80E-13 | 2274 | 9.41E-14 | 2376 | 1.80E-14 | 2478 | 1.23E-13 | 2580 | 1.88E-13 | 2682 | 3.42E-13 | 2784 | 5.76E-13 | 2886 | 8.70E-13 | 2988 | 1.33E-12 | 3090 | 2.09E-12 | 3192 | 4.43E-12 |
| 2072 | -2.89E-13 | 2174 | 3.60E-13 | 2276 | 1.57E-13 | 2378 | 2.36E-13 | 2480 | 1.32E-13 | 2582 | 2.07E-13 | 2684 | 3.37E-13 | 2786 | 6.29E-13 | 2888 | 9.01E-13 | 2990 | 1.39E-12 | 3092 | 1.96E-12 | 3194 | 4.53E-12 |
| 2074 | 3.19E-14 | 2176 | 2.17E-13 | 2278 | 9.98E-14 | 2380 | 3.46E-13 | 2482 | 8.45E-14 | 2584 | 2.04E-13 | 2686 | 3.44E-13 | 2788 | 6.96E-13 | 2890 | 9.35E-13 | 2992 | 1.44E-12 | 3094 | 1.90E-12 | 3196 | 4.74E-12 |
| 2076 | 1.58E-13 | 2178 | 1.10E-13 | 2280 | -4.58E-14 | 2382 | 1.75E-13 | 2484 | 1.66E-13 | 2586 | 2.11E-13 | 2688 | 3.48E-13 | 2790 | 8.63E-13 | 2892 | 9.38E-13 | 2994 | 1.46E-12 | 3096 | 1.93E-12 | 3198 | 4.97E-12 |


HD 6860 M0 IIIa V=2.06 (B-V)=1.58 E(B-V)=0.01
LAP: LWP 14600; SAP: LWP 14600
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
1800
2000
2200
2400
2600
2800
3000
3200

**HD 9053 M0- IIIa V=3.41 (B-V)=1.57 E(B-V)=0.00**

**LAP: LWP 15614; SAP: LWP 15614**

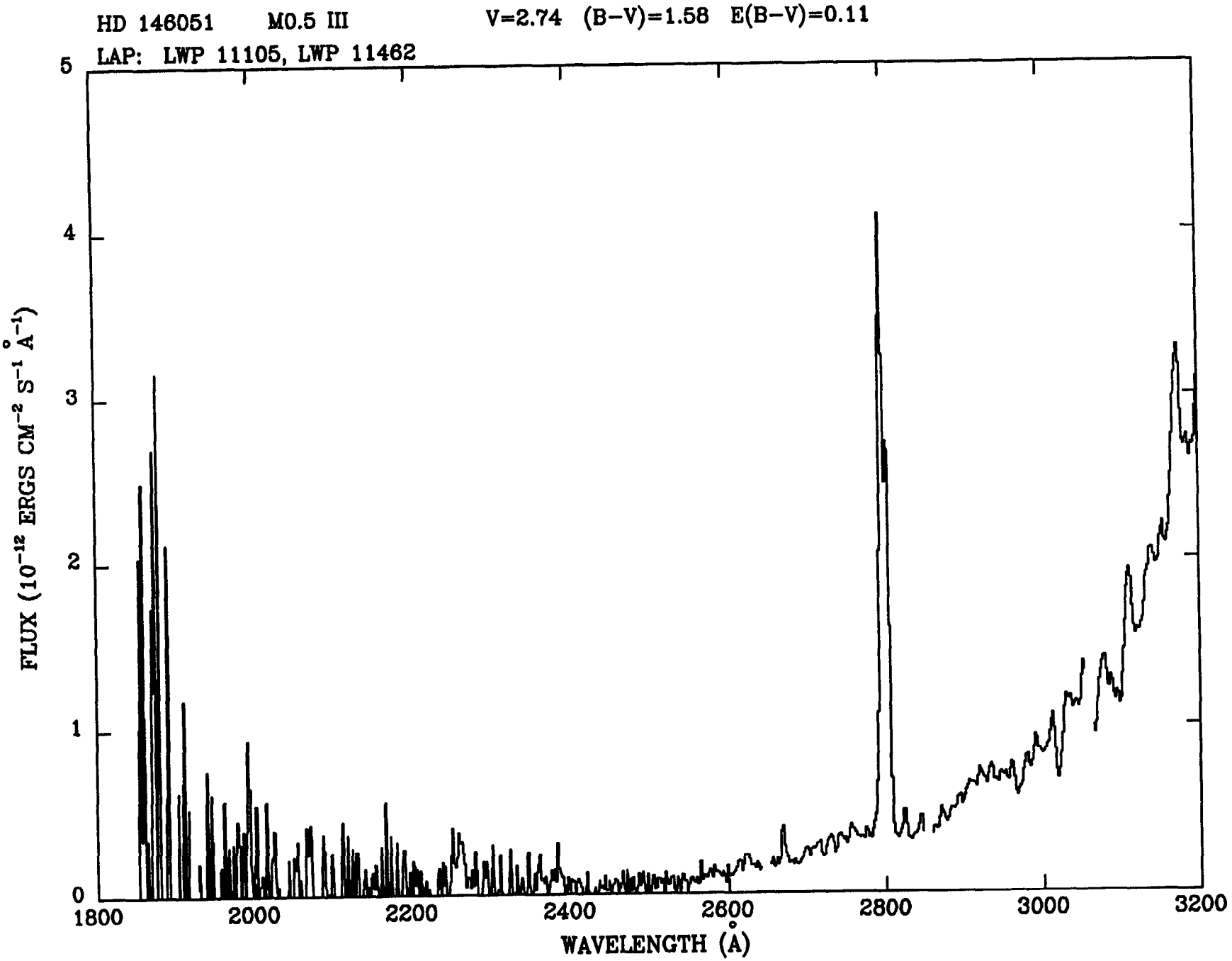
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.88E-13 | 2078 | 4.38E-14 | 2180 | 1.02E-14 | 2282 | 8.01E-14 | 2384 | 7.83E-14 | 2486 | 1.17E-13 | 2588 | 1.37E-13 | 2690 | 2.03E-13 | 2792 | 1.20E-12 | 2894 | 4.84E-13 | 2996 | 7.29E-13 | 3098 | 9.00E-13 |
| 1978 | 2.29E-13 | 2080 | 2.08E-13 | 2182 | -6.06E-14 | 2284 | 1.19E-15 | 2386 | 1.81E-13 | 2488 | 9.71E-14 | 2590 | 1.55E-13 | 2692 | 2.25E-13 | 2794 | 1.62E-12 | 2896 | 4.94E-13 | 2998 | 7.32E-13 | 3100 | 9.31E-13 |
| 1980 | -1.55E-13 | 2082 | 2.28E-13 | 2184 | 1.84E-13 | 2286 | 5.47E-14 | 2388 | 2.50E-13 | 2490 | 8.59E-14 | 2592 | 1.56E-13 | 2694 | 2.48E-13 | 2796 | | 2898 | 5.33E-13 | 3000 | 6.99E-13 | 3102 | 1.02E-12 |
| 1982 | -1.52E-13 | 2084 | 7.91E-14 | 2186 | 8.66E-14 | 2298 | 1.23E-13 | 2390 | 1.81E-13 | 2492 | 5.12E-14 | 2594 | 1.67E-13 | 2696 | 2.58E-13 | 2798 | | 2900 | 5.72E-13 | 3002 | 6.62E-13 | 3104 | 1.13E-12 |
| 1984 | -2.15E-13 | 2086 | 5.82E-14 | 2188 | 8.42E-14 | 2290 | 1.55E-13 | 2392 | 9.94E-14 | 2494 | 2.91E-14 | 2596 | 1.35E-13 | 2698 | 2.49E-13 | 2800 | | 2902 | 5.95E-13 | 3004 | 6.72E-13 | 3106 | 1.25E-12 |
| 1986 | 6.60E-14 | 2088 | 1.32E-13 | 2190 | 8.17E-14 | 2292 | 1.43E-13 | 2394 | 3.04E-14 | 2496 | 1.08E-13 | 2598 | 1.48E-13 | 2700 | 2.36E-13 | 2802 | 2.42E-12 | 2904 | 6.18E-13 | 3006 | 7.16E-13 | 3108 | 1.38E-12 |
| 1988 | 4.49E-14 | 2090 | 9.48E-14 | 2192 | -1.03E-13 | 2294 | 1.03E-13 | 2396 | 1.11E-13 | 2498 | 1.43E-13 | 2600 | 1.60E-13 | 2702 | 2.26E-13 | 2804 | 2.42E-12 | 2906 | 6.14E-13 | 3008 | 7.21E-13 | 3110 | 1.48E-12 |
| 1990 | 3.23E-14 | 2092 | 2.27E-13 | 2194 | -9.02E-14 | 2296 | 7.52E-14 | 2398 | 1.59E-13 | 2500 | 6.91E-14 | 2602 | 1.77E-13 | 2704 | 2.32E-13 | 2806 | 1.43E-12 | 2908 | 6.08E-13 | 3010 | 7.33E-13 | 3112 | 1.51E-12 |
| 1992 | 4.98E-13 | 2094 | 4.78E-14 | 2196 | -4.49E-14 | 2298 | -8.97E-14 | 2400 | 1.71E-13 | 2502 | 7.77E-14 | 2604 | 1.65E-13 | 2706 | 2.45E-13 | 2808 | 6.13E-13 | 2910 | 5.99E-13 | 3012 | 7.75E-13 | 3114 | 1.50E-12 |
| 1994 | 2.88E-13 | 2096 | -1.27E-13 | 2198 | -1.84E-13 | 2300 | 3.10E-15 | 2402 | 1.45E-13 | 2504 | 1.16E-13 | 2606 | 1.68E-13 | 2708 | 2.50E-13 | 2810 | 3.56E-13 | 2912 | 5.92E-13 | 3014 | 7.68E-13 | 3116 | 1.44E-12 |
| 1996 | 2.50E-13 | 2098 | -1.17E-14 | 2200 | -1.43E-13 | 2302 | 1.26E-14 | 2404 | 1.34E-13 | 2506 | 1.04E-13 | 2608 | 1.71E-13 | 2710 | 2.65E-13 | 2812 | 3.38E-13 | 2914 | 6.16E-13 | 3016 | 7.18E-13 | 3118 | 1.39E-12 |
| 1998 | 8.38E-14 | 2100 | 1.83E-14 | 2202 | -3.25E-15 | 2304 | -8.95E-14 | 2406 | 1.98E-14 | 2508 | 1.11E-13 | 2610 | 1.65E-13 | 2712 | 2.83E-13 | 2814 | 2.95E-13 | 2916 | 6.52E-13 | 3018 | 6.82E-13 | 3120 | 1.33E-12 |
| 2000 | -4.66E-14 | 2102 | 1.79E-13 | 2204 | 6.15E-14 | 2306 | -7.22E-14 | 2408 | 1.44E-13 | 2510 | 1.38E-13 | 2612 | 1.36E-13 | 2714 | 3.08E-13 | 2816 | 2.90E-13 | 2918 | 6.55E-13 | 3020 | 6.45E-13 | 3122 | 1.32E-12 |
| 2002 | -2.68E-14 | 2104 | -5.05E-14 | 2206 | 1.33E-13 | 2308 | 3.06E-14 | 2410 | 1.54E-13 | 2512 | 7.91E-14 | 2614 | 1.51E-13 | 2716 | 3.06E-13 | 2818 | 3.00E-13 | 2920 | 6.50E-13 | 3022 | 6.31E-13 | 3124 | 1.35E-12 |
| 2004 | 3.44E-13 | 2106 | -2.08E-13 | 2208 | 2.08E-13 | 2310 | 1.07E-13 | 2412 | 1.67E-13 | 2514 | 5.80E-14 | 2616 | 1.69E-13 | 2718 | 2.76E-13 | 2820 | 3.28E-13 | 2922 | 6.25E-13 | 3024 | 6.65E-13 | 3126 | 1.38E-12 |
| 2006 | 5.03E-13 | 2108 | -8.34E-14 | 2210 | 1.60E-13 | 2312 | 5.20E-14 | 2414 | 1.21E-13 | 2516 | 8.44E-14 | 2618 | 1.87E-13 | 2720 | 2.29E-13 | 2822 | 3.65E-13 | 2924 | 6.01E-13 | 3026 | 7.52E-13 | 3128 | 1.43E-12 |
| 2008 | -2.70E-13 | 2110 | -4.30E-14 | 2212 | -5.51E-14 | 2314 | -1.23E-14 | 2416 | 1.18E-13 | 2518 | 5.06E-14 | 2620 | 2.08E-13 | 2722 | 2.21E-13 | 2824 | 3.86E-13 | 2926 | 5.87E-13 | 3028 | 8.51E-13 | 3130 | 1.48E-12 |
| 2010 | -3.24E-14 | 2112 | 1.32E-14 | 2214 | -6.11E-14 | 2316 | -2.58E-14 | 2418 | 1.12E-13 | 2520 | 8.12E-14 | 2622 | 2.04E-13 | 2724 | 2.44E-13 | 2826 | 3.93E-13 | 2928 | 5.88E-13 | 3030 | 9.48E-13 | 3132 | 1.50E-12 |
| 2012 | 7.31E-15 | 2114 | -4.44E-15 | 2216 | -1.22E-14 | 2318 | 2.34E-14 | 2420 | 7.39E-14 | 2522 | 1.23E-13 | 2624 | 2.21E-13 | 2726 | 2.64E-13 | 2828 | 3.92E-13 | 2930 | 6.13E-13 | 3032 | 9.92E-13 | 3134 | 1.57E-12 |
| 2014 | 4.19E-13 | 2116 | -4.72E-14 | 2218 | 4.47E-14 | 2320 | -1.26E-14 | 2422 | 8.54E-14 | 2524 | 3.66E-14 | 2626 | 2.41E-13 | 2728 | 2.90E-13 | 2830 | 3.49E-13 | 2932 | 6.49E-13 | 3034 | 9.78E-13 | 3136 | 1.66E-12 |
| 2016 | 4.20E-13 | 2118 | 9.58E-14 | 2220 | -4.92E-15 | 2322 | 1.01E-13 | 2424 | 8.36E-14 | 2526 | 9.15E-14 | 2628 | 2.37E-13 | 2730 | 3.23E-13 | 2832 | 3.23E-13 | 2934 | 6.59E-13 | 3036 | 9.78E-13 | 3138 | 1.72E-12 |
| 2018 | -1.43E-13 | 2120 | 2.09E-13 | 2222 | -7.19E-14 | 2324 | 1.78E-13 | 2426 | 5.09E-14 | 2528 | 1.11E-13 | 2630 | 2.35E-13 | 2732 | 3.33E-13 | 2834 | 3.22E-13 | 2936 | 6.40E-13 | 3038 | 9.59E-13 | 3140 | 1.74E-12 |
| 2020 | -1.02E-13 | 2122 | 1.70E-13 | 2224 | 1.93E-14 | 2326 | 8.88E-14 | 2428 | 7.02E-14 | 2530 | 7.11E-14 | 2632 | 1.94E-13 | 2734 | 3.22E-13 | 2836 | 3.10E-13 | 2938 | 6.30E-13 | 3040 | 9.33E-13 | 3142 | 1.71E-12 |
| 2022 | 1.28E-13 | 2124 | -2.85E-14 | 2226 | 1.31E-14 | 2328 | 1.60E-13 | 2430 | 1.06E-13 | 2532 | 6.52E-14 | 2634 | 1.91E-13 | 2736 | 3.09E-13 | 2838 | 3.03E-13 | 2940 | 6.31E-13 | 3042 | 9.26E-13 | 3144 | 1.63E-12 |
| 2024 | 5.15E-14 | 2126 | 1.03E-13 | 2228 | 1.61E-15 | 2330 | 2.16E-13 | 2432 | 6.66E-14 | 2534 | 1.03E-13 | 2636 | 2.04E-13 | 2738 | 3.11E-13 | 2840 | 3.24E-13 | 2942 | 6.33E-13 | 3044 | 9.18E-13 | 3146 | 1.60E-12 |
| 2026 | -1.28E-13 | 2128 | 4.12E-13 | 2230 | 7.17E-14 | 2332 | 2.72E-13 | 2434 | 5.75E-14 | 2536 | 6.12E-14 | 2638 | 1.84E-13 | 2740 | 3.24E-13 | 2842 | 3.47E-13 | 2944 | 6.13E-13 | 3046 | 9.19E-13 | 3148 | 1.65E-12 |
| 2028 | 2.23E-13 | 2130 | 1.60E-13 | 2232 | 6.73E-14 | 2334 | 2.31E-13 | 2436 | 8.92E-14 | 2538 | 6.26E-14 | 2640 | 1.85E-13 | 2742 | 3.31E-13 | 2844 | 3.63E-13 | 2946 | 6.09E-13 | 3048 | 9.41E-13 | 3150 | 1.72E-12 |
| 2030 | 3.57E-13 | 2132 | 2.37E-14 | 2234 | -9.16E-14 | 2336 | 2.55E-13 | 2438 | 1.24E-13 | 2540 | 9.73E-14 | 2642 | 1.98E-13 | 2744 | 3.15E-13 | 2846 | 3.54E-13 | 2948 | 6.24E-13 | 3050 | 9.79E-13 | 3152 | 1.67E-12 |
| 2032 | 1.17E-13 | 2134 | 1.51E-14 | 2236 | -5.19E-14 | 2338 | 2.70E-13 | 2440 | 7.11E-14 | 2542 | 9.81E-14 | 2644 | 2.01E-13 | 2746 | 3.14E-13 | 2848 | 2.82E-13 | 2950 | 6.24E-13 | 3052 | 9.92E-13 | 3154 | 1.65E-12 |
| 2034 | 1.58E-14 | 2136 | 9.08E-16 | 2238 | 4.85E-14 | 2340 | 1.93E-13 | 2442 | 1.01E-14 | 2544 | 8.54E-14 | 2646 | 1.87E-13 | 2748 | 3.24E-13 | 2850 | 2.02E-13 | 2952 | 6.48E-13 | 3054 | 1.01E-12 | 3156 | 1.68E-12 |
| 2036 | 3.00E-13 | 2138 | 1.43E-13 | 2240 | 2.70E-13 | 2342 | 4.92E-14 | 2444 | 4.60E-14 | 2546 | 7.15E-14 | 2648 | 1.89E-13 | 2750 | 3.09E-13 | 2852 | 1.69E-13 | 2954 | 6.66E-13 | 3056 | 9.47E-13 | 3158 | 1.62E-12 |
| 2038 | 1.99E-13 | 2140 | 1.34E-13 | 2242 | 2.36E-13 | 2344 | 9.39E-14 | 2446 | 9.06E-14 | 2548 | 8.21E-14 | 2650 | 1.91E-13 | 2752 | 2.92E-13 | 2854 | 1.69E-13 | 2956 | 6.73E-13 | 3058 | 9.49E-13 | 3160 | 1.61E-12 |
| 2040 | -2.55E-13 | 2142 | -5.51E-14 | 2244 | -8.37E-14 | 2346 | 1.68E-13 | 2448 | 7.98E-14 | 2550 | 6.36E-14 | 2652 | 1.99E-13 | 2754 | 2.78E-13 | 2856 | 2.26E-13 | 2958 | 6.91E-13 | 3060 | 9.92E-13 | 3162 | 1.69E-12 |
| 2042 | -2.65E-13 | 2144 | 1.13E-13 | 2246 | 3.06E-15 | 2348 | -4.63E-15 | 2450 | 9.13E-14 | 2552 | 9.22E-14 | 2654 | 2.26E-13 | 2756 | 3.07E-13 | 2858 | 2.85E-13 | 2960 | 6.95E-13 | 3062 | 8.73E-13 | 3164 | 1.81E-12 |
| 2044 | 1.13E-13 | 2146 | 1.80E-13 | 2248 | -1.97E-14 | 2350 | 1.21E-13 | 2452 | 1.09E-13 | 2554 | 1.07E-13 | 2656 | 2.16E-13 | 2758 | 3.59E-13 | 2860 | 3.29E-13 | 2962 | 6.85E-13 | 3064 | 8.60E-13 | 3166 | 1.94E-12 |
| 2046 | 1.74E-13 | 2148 | 1.06E-13 | 2250 | -7.51E-14 | 2352 | 2.08E-13 | 2454 | 1.16E-13 | 2556 | 1.17E-13 | 2658 | 2.32E-13 | 2760 | 3.73E-13 | 2862 | 3.49E-13 | 2964 | 6.49E-13 | 3066 | 8.65E-13 | 3168 | 2.07E-12 |
| 2048 | -1.62E-13 | 2150 | -2.09E-14 | 2252 | -1.13E-14 | 2354 | 1.03E-13 | 2456 | 7.84E-14 | 2558 | 1.25E-13 | 2660 | 2.34E-13 | 2762 | 3.84E-13 | 2864 | 3.69E-13 | 2966 | 6.10E-13 | 3068 | 9.31E-13 | 3170 | 2.28E-12 |
| 2050 | -6.38E-14 | 2152 | -2.80E-14 | 2254 | 1.37E-13 | 2356 | 4.22E-14 | 2458 | 9.08E-14 | 2560 | 9.61E-14 | 2662 | 2.15E-13 | 2764 | 3.76E-13 | 2866 | 3.99E-13 | 2968 | 5.86E-13 | 3070 | 9.72E-13 | 3172 | 2.41E-12 |
| 2052 | 1.54E-13 | 2154 | 1.15E-13 | 2256 | 6.07E-14 | 2358 | 5.45E-14 | 2460 | 1.07E-13 | 2562 | 1.04E-13 | 2664 | 2.08E-13 | 2766 | 3.40E-13 | 2868 | 4.29E-13 | 2970 | 5.81E-13 | 3072 | 1.04E-12 | 3174 | 2.44E-12 |
| 2054 | 1.07E-14 | 2156 | 1.18E-13 | 2258 | 4.76E-14 | 2360 | 1.50E-13 | 2462 | 1.35E-14 | 2564 | 1.26E-13 | 2666 | 2.31E-13 | 2768 | 3.19E-13 | 2870 | 4.58E-13 | 2972 | 5.97E-13 | 3074 | 1.10E-12 | 3176 | 2.45E-12 |
| 2056 | 3.41E-14 | 2158 | 3.84E-14 | 2260 | 8.38E-14 | 2362 | 1.71E-13 | 2464 | 4.50E-14 | 2566 | 1.41E-13 | 2668 | 2.25E-13 | 2770 | 3.09E-13 | 2872 | 4.81E-13 | 2974 | 6.39E-13 | 3076 | 1.10E-12 | 3178 | 2.40E-12 |
| 2058 | 1.90E-15 | 2160 | 1.38E-13 | 2262 | 1.26E-14 | 2364 | 1.13E-13 | 2466 | 8.64E-14 | 2568 | 1.61E-13 | 2670 | 2.65E-13 | 2772 | 3.17E-13 | 2874 | 4.68E-13 | 2976 | 7.33E-13 | 3078 | 1.11E-12 | 3180 | 2.28E-12 |
| 2060 | -6.68E-14 | 2162 | -8.16E-15 | 2264 | 6.97E-15 | 2366 | 1.57E-13 | 2468 | 9.78E-14 | 2570 | 1.39E-13 | 2672 | 3.19E-13 | 2774 | 3.19E-13 | 2876 | 4.47E-13 | 2978 | 7.91E-13 | 3080 | 1.12E-12 | 3182 | 2.13E-12 |
| 2062 | 1.27E-13 | 2164 | -6.17E-14 | 2266 | 7.48E-14 | 2368 | 1.42E-13 | 2470 | 1.03E-13 | 2572 | 1.29E-13 | 2674 | 3.14E-13 | 2776 | 3.12E-13 | 2878 | 4.09E-13 | 2980 | 7.76E-13 | 3082 | 1.12E-12 | 3184 | 2.05E-12 |
| 2064 | 1.41E-14 | 2166 | 1.06E-13 | 2268 | 7.58E-14 | 2370 | 6.11E-14 | 2472 | 2.79E-14 | 2574 | 1.23E-13 | 2676 | 2.61E-13 | 2778 | 2.98E-13 | 2880 | 4.06E-13 | 2982 | 7.01E-13 | 3084 | 1.11E-12 | 3186 | 2.02E-12 |
| 2066 | 7.19E-15 | 2168 | 9.28E-15 | 2270 | 2.26E-13 | 2372 | 1.19E-13 | 2474 | 4.57E-14 | 2576 | 1.08E-13 | 2678 | 2.13E-13 | 2780 | 2.76E-13 | 2882 | 4.45E-13 | 2984 | 6.29E-13 | 3086 | 1.09E-12 | 3188 | 1.98E-12 |
| 2068 | -1.40E-14 | 2170 | -6.79E-14 | 2272 | 2.31E-13 | 2374 | 8.65E-14 | 2476 | 7.63E-14 | 2578 | 1.21E-13 | 2680 | 2.11E-13 | 2782 | 2.70E-13 | 2884 | 4.73E-13 | 2986 | 6.19E-13 | 3088 | 1.09E-12 | 3190 | 2.00E-12 |
| 2070 | -1.52E-13 | 2172 | -3.98E-14 | 2274 | 8.71E-14 | 2376 | 2.83E-14 | 2478 | 1.49E-13 | 2580 | 1.24E-13 | 2682 | 2.29E-13 | 2784 | 2.88E-13 | 2886 | 4.92E-13 | 2988 | 6.75E-13 | 3090 | 1.06E-12 | 3192 | 2.07E-12 |
| 2072 | -6.18E-14 | 2174 | -1.03E-13 | 2276 | 5.73E-14 | 2378 | 2.08E-13 | 2480 | 1.12E-13 | 2582 | 1.32E-13 | 2684 | 2.15E-13 | 2786 | 3.30E-13 | 2888 | 5.25E-13 | 2990 | 7.45E-13 | 3092 | 9.47E-13 | 3194 | 2.08E-12 |
| 2074 | 2.69E-13 | 2176 | 1.53E-13 | 2278 | -4.51E-14 | 2380 | 1.88E-13 | 2482 | 5.31E-14 | 2584 | 1.26E-13 | 2686 | 2.12E-13 | 2788 | 3.77E-13 | 2890 | 5.35E-13 | 2992 | 7.67E-13 | 3094 | 8.93E-13 | 3196 | 2.12E-12 |
| 2076 | 2.06E-13 | 2178 | 4.44E-14 | 2280 | -5.02E-14 | 2382 | 5.98E-14 | 2484 | 1.18E-13 | 2586 | 1.33E-13 | 2688 | 2.14E-13 | 2790 | 5.87E-13 | 2892 | 5.19E-13 | 2994 | 7.47E-13 | 3096 | 8.91E-13 | 3198 | 2.23E-12 |


HD 9053 M0- IIIa V=3.41 (B-V)=1.57 E(B-V)=0.00
LAP: LWP 15614; SAP: LWP 15614
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200

**HD 146051 M0.5 III V=2.74 (B-V)=1.58 E(B-V)=0.11**

**LAP: LWP 11105, LWP 11462**

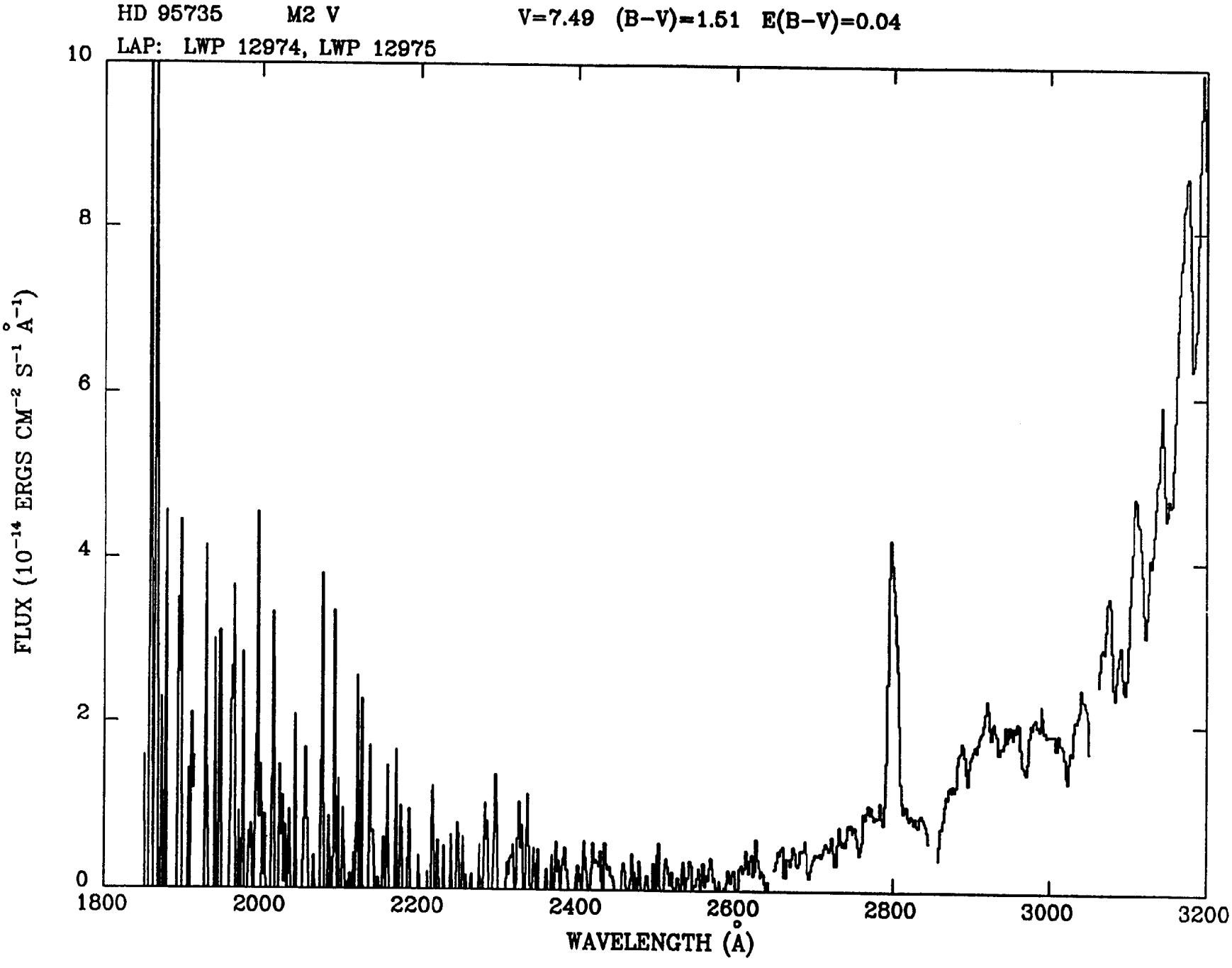
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 7.72E-14 | 2078 | -6.22E-13 | 2180 | 3.04E-13 | 2282 | 6.38E-14 | 2384 | 2.86E-13 | 2486 | 1.03E-13 | 2588 | 1.20E-13 | 2690 | 1.75E-13 | 2792 | 1.46E-12 | 2894 | 5.84E-13 | 2996 | 8.49E-13 | 3098 | 1.13E-12 |
| 1978 | 4.21E-13 | 2080 | -8.14E-13 | 2182 | -1.20E-14 | 2284 | -2.69E-14 | 2386 | 1.47E-13 | 2488 | 7.03E-14 | 2590 | 1.05E-13 | 2692 | 1.91E-13 | 2794 | 2.69E-12 | 2896 | 5.35E-13 | 2998 | 8.35E-13 | 3100 | 1.17E-12 |
| 1980 | 3.58E-13 | 2082 | -4.05E-13 | 2184 | -7.43E-14 | 2286 | -4.01E-14 | 2388 | 1.18E-13 | 2490 | 8.28E-14 | 2592 | 1.11E-13 | 2694 | 2.07E-13 | 2796 | 3.82E-12 | 2898 | 5.51E-13 | 3000 | 8.36E-13 | 3102 | 1.34E-12 |
| 1982 | 8.45E-14 | 2084 | -1.07E-13 | 2186 | -1.15E-14 | 2288 | 7.14E-14 | 2390 | 1.04E-13 | 2492 | 1.26E-13 | 2594 | 1.18E-13 | 2696 | 2.42E-13 | 2798 | 3.58E-12 | 2900 | 5.84E-13 | 3002 | 8.50E-13 | 3104 | 1.50E-12 |
| 1984 | 1.30E-13 | 2086 | 2.70E-13 | 2188 | 2.38E-13 | 2290 | 1.84E-13 | 2392 | -5.90E-15 | 2494 | -5.47E-15 | 2596 | 8.47E-14 | 2698 | 2.67E-13 | 2800 | 2.73E-12 | 2902 | 6.19E-13 | 3004 | 8.76E-13 | 3106 | 1.69E-12 |
| 1986 | 3.67E-13 | 2088 | 2.92E-13 | 2190 | 2.37E-13 | 2292 | 1.11E-13 | 2394 | -4.27E-14 | 2496 | 5.51E-14 | 2598 | 1.26E-13 | 2700 | 2.67E-13 | 2802 | 2.65E-12 | 2904 | 6.46E-13 | 3006 | 8.92E-13 | 3108 | 1.85E-12 |
| 1988 | -1.80E-13 | 2090 | 9.30E-14 | 2192 | -5.06E-14 | 2294 | 1.87E-13 | 2396 | 8.22E-14 | 2498 | 1.02E-13 | 2600 | 1.25E-13 | 2702 | 2.45E-13 | 2804 | 2.67E-12 | 2906 | 6.65E-13 | 3008 | 9.50E-13 | 3110 | 1.91E-12 |
| 1990 | 4.49E-13 | 2092 | -5.16E-14 | 2194 | -1.20E-13 | 2296 | -7.94E-14 | 2398 | 5.22E-14 | 2500 | -1.21E-15 | 2602 | 1.11E-13 | 2704 | 2.34E-13 | 2806 | 1.76E-12 | 2908 | 6.61E-13 | 3010 | 1.02E-12 | 3112 | 1.90E-12 |
| 1992 | 8.95E-13 | 2094 | 1.88E-15 | 2196 | 1.05E-13 | 2298 | -2.47E-13 | 2400 | 6.90E-14 | 2502 | 2.38E-14 | 2604 | 1.08E-13 | 2706 | 2.68E-13 | 2808 | 7.79E-13 | 2910 | 6.57E-13 | 3012 | 1.06E-12 | 3114 | 1.77E-12 |
| 1994 | 5.36E-13 | 2096 | -1.36E-13 | 2198 | 1.62E-15 | 2300 | 1.95E-13 | 2402 | 7.70E-14 | 2504 | 1.09E-13 | 2606 | 1.20E-13 | 2708 | 2.68E-13 | 2810 | 4.22E-13 | 2912 | 6.52E-13 | 3014 | 9.56E-13 | 3116 | 1.63E-12 |
| 1996 | 1.22E-13 | 2098 | 2.38E-13 | 2200 | 1.33E-13 | 2302 | 1.88E-13 | 2404 | 7.88E-14 | 2506 | 7.70E-14 | 2608 | 1.34E-13 | 2710 | 2.70E-13 | 2812 | 3.50E-13 | 2914 | 6.41E-13 | 3016 | 8.22E-13 | 3118 | 1.56E-12 |
| 1998 | 2.41E-14 | 2100 | 1.01E-13 | 2202 | 1.79E-13 | 2304 | -1.17E-13 | 2406 | 1.43E-14 | 2508 | 3.03E-14 | 2610 | 1.53E-13 | 2712 | 2.87E-13 | 2814 | 3.38E-13 | 2916 | 6.77E-13 | 3018 | 7.16E-13 | 3120 | 1.57E-12 |
| 2000 | 1.74E-13 | 2102 | -1.07E-13 | 2204 | 7.82E-14 | 2306 | -9.54E-14 | 2408 | 7.20E-14 | 2510 | 6.73E-14 | 2612 | 1.89E-13 | 2714 | 2.96E-13 | 2816 | 3.32E-13 | 2918 | 7.34E-13 | 3020 | 7.02E-13 | 3122 | 1.57E-12 |
| 2002 | 4.93E-13 | 2104 | -6.25E-14 | 2206 | 1.49E-13 | 2308 | 2.54E-14 | 2410 | 9.04E-14 | 2512 | 9.16E-14 | 2614 | 1.95E-13 | 2716 | 3.07E-13 | 2818 | 3.55E-13 | 2920 | 7.31E-13 | 3022 | 7.71E-13 | 3124 | 1.57E-12 |
| 2004 | 6.41E-14 | 2106 | -4.27E-14 | 2208 | -1.06E-13 | 2310 | 1.41E-13 | 2412 | 6.56E-14 | 2514 | 7.34E-14 | 2616 | 1.78E-13 | 2718 | 2.52E-13 | 2820 | 3.83E-13 | 2922 | 7.15E-13 | 3024 | 8.81E-13 | 3126 | 1.61E-12 |
| 2006 | 5.89E-14 | 2108 | -1.06E-13 | 2210 | 1.37E-13 | 2312 | 9.21E-14 | 2414 | 3.39E-14 | 2516 | 8.07E-14 | 2618 | 1.47E-13 | 2720 | 2.20E-13 | 2822 | 4.45E-13 | 2924 | 6.92E-13 | 3026 | 1.03E-12 | 3128 | 1.65E-12 |
| 2008 | 6.62E-14 | 2110 | 1.92E-13 | 2212 | 1.67E-14 | 2314 | -3.68E-14 | 2416 | -1.77E-14 | 2518 | 1.94E-14 | 2620 | 1.93E-13 | 2722 | 2.23E-13 | 2824 | 4.96E-13 | 2926 | 6.81E-13 | 3028 | 1.15E-12 | 3130 | 1.76E-12 |
| 2010 | 7.26E-14 | 2112 | 4.38E-13 | 2214 | -1.86E-13 | 2316 | -7.41E-14 | 2418 | -2.45E-14 | 2520 | 1.09E-13 | 2622 | 2.29E-13 | 2724 | 2.74E-13 | 2826 | 4.44E-13 | 2928 | 6.64E-13 | 3030 | 1.17E-12 | 3132 | 1.88E-12 |
| 2012 | -1.44E-13 | 2114 | -1.57E-13 | 2216 | 6.29E-14 | 2318 | -4.77E-14 | 2420 | 8.53E-14 | 2522 | 8.79E-14 | 2624 | 2.27E-13 | 2726 | 3.14E-13 | 2828 | 3.56E-13 | 2930 | 7.16E-13 | 3032 | 1.16E-12 | 3134 | 1.92E-12 |
| 2014 | 2.81E-13 | 2116 | -1.25E-13 | 2218 | 2.01E-14 | 2320 | -1.03E-13 | 2422 | 7.11E-14 | 2524 | 5.53E-14 | 2626 | 2.11E-13 | 2728 | 3.30E-13 | 2830 | 3.27E-13 | 2932 | 7.52E-13 | 3034 | 1.17E-12 | 3136 | 1.98E-12 |
| 2016 | 3.24E-13 | 2118 | 2.98E-13 | 2220 | -3.91E-14 | 2322 | 1.34E-13 | 2424 | 3.32E-15 | 2526 | 6.34E-14 | 2628 | 1.79E-13 | 2730 | 3.42E-13 | 2832 | 3.20E-13 | 2934 | 7.60E-13 | 3036 | 1.14E-12 | 3138 | 2.05E-12 |
| 2018 | -2.25E-13 | 2120 | -1.37E-13 | 2222 | -3.43E-14 | 2324 | 2.41E-13 | 2426 | -3.17E-14 | 2528 | 9.76E-14 | 2630 | 1.68E-13 | 2732 | 3.25E-13 | 2834 | 3.33E-13 | 2936 | 7.20E-13 | 3038 | 1.10E-12 | 3140 | 2.05E-12 |
| 2020 | -1.13E-13 | 2122 | 1.20E-14 | 2224 | -1.05E-13 | 2326 | -3.23E-14 | 2428 | -2.25E-14 | 2530 | 8.17E-14 | 2632 | 1.69E-13 | 2734 | 2.80E-13 | 2836 | 3.46E-13 | 2938 | 6.79E-13 | 3040 | 1.12E-12 | 3142 | 2.03E-12 |
| 2022 | 2.21E-13 | 2124 | 2.37E-13 | 2226 | -1.46E-13 | 2328 | -2.09E-15 | 2430 | 2.84E-14 | 2532 | 9.53E-15 | 2634 | 1.53E-13 | 2736 | 2.54E-13 | 2838 | 3.52E-13 | 2940 | 6.75E-13 | 3042 | 1.14E-12 | 3144 | 1.98E-12 |
| 2024 | 3.28E-13 | 2126 | -1.58E-14 | 2228 | -5.52E-14 | 2330 | 6.24E-14 | 2432 | 1.38E-14 | 2534 | 3.61E-14 | 2636 | 1.80E-13 | 2738 | 3.03E-13 | 2840 | 3.71E-13 | 2942 | 6.67E-13 | 3044 | 1.13E-12 | 3146 | 1.97E-12 |
| 2026 | 2.13E-13 | 2128 | 7.66E-14 | 2230 | -2.84E-14 | 2332 | 1.32E-13 | 2434 | -9.40E-15 | 2536 | 9.52E-14 | 2638 | 1.69E-13 | 2740 | 3.46E-13 | 2842 | 4.12E-13 | 2944 | 6.97E-13 | 3046 | 1.12E-12 | 3148 | 1.99E-12 |
| 2028 | 2.20E-16 | 2130 | 2.55E-13 | 2232 | 1.11E-13 | 2334 | -1.57E-14 | 2436 | 7.64E-14 | 2538 | 2.19E-14 | 2640 | 1.37E-13 | 2742 | 3.52E-13 | 2844 | 4.59E-13 | 2946 | 7.20E-13 | 3048 | 1.20E-12 | 3150 | 2.10E-12 |
| 2030 | 3.57E-14 | 2132 | 1.02E-14 | 2234 | 1.58E-13 | 2336 | -5.17E-15 | 2438 | 4.08E-14 | 2540 | 5.76E-14 | 2642 | 1.46E-13 | 2744 | 3.40E-13 | 2846 | 4.30E-13 | 2948 | 7.12E-13 | 3050 | 1.33E-12 | 3152 | 2.17E-12 |
| 2032 | -9.89E-13 | 2134 | -3.61E-13 | 2236 | -9.07E-14 | 2338 | 9.70E-14 | 2440 | 4.72E-14 | 2542 | 1.14E-13 | 2644 | | 2746 | 3.21E-13 | 2848 | 3.58E-13 | 2950 | 7.04E-13 | 3052 | 1.36E-12 | 3154 | 2.21E-12 |
| 2034 | -3.13E-13 | 2136 | -1.29E-13 | 2238 | 1.84E-13 | 2340 | 3.46E-14 | 2442 | 4.25E-14 | 2544 | 8.69E-14 | 2646 | | 2748 | 3.30E-13 | 2850 | | 2952 | 7.19E-13 | 3054 | 1.33E-12 | 3156 | 2.10E-12 |
| 2036 | -4.34E-13 | 2138 | 7.47E-14 | 2240 | 8.07E-14 | 2342 | -1.34E-13 | 2444 | 8.57E-14 | 2546 | 7.71E-14 | 2648 | | 2750 | 3.00E-13 | 2852 | | 2954 | 6.83E-13 | 3056 | | 3158 | 2.10E-12 |
| 2038 | -1.31E-13 | 2140 | 1.39E-13 | 2242 | 9.51E-14 | 2344 | -1.24E-14 | 2446 | 2.11E-14 | 2548 | 2.66E-14 | 2650 | | 2752 | 3.26E-13 | 2854 | | 2956 | 6.86E-13 | 3058 | | 3160 | 2.16E-12 |
| 2040 | -1.24E-13 | 2142 | -6.30E-14 | 2244 | -1.09E-13 | 2346 | 2.13E-13 | 2448 | 4.45E-14 | 2550 | 5.47E-14 | 2652 | 1.68E-13 | 2754 | 3.86E-13 | 2856 | | 2958 | 7.42E-13 | 3060 | | 3162 | 2.24E-12 |
| 2042 | 8.43E-14 | 2144 | 8.49E-16 | 2246 | 7.46E-15 | 2348 | 8.65E-14 | 2450 | 3.17E-14 | 2552 | 9.11E-14 | 2654 | 1.75E-13 | 2756 | 4.04E-13 | 2858 | 3.53E-13 | 2960 | 7.73E-13 | 3062 | | 3164 | 2.41E-12 |
| 2044 | -1.75E-13 | 2146 | 2.04E-14 | 2248 | 1.53E-13 | 2350 | -5.80E-14 | 2452 | 2.08E-14 | 2554 | 9.41E-14 | 2656 | 1.96E-13 | 2758 | 3.84E-13 | 2860 | 3.79E-13 | 2962 | 7.38E-13 | 3064 | 9.93E-13 | 3166 | 2.61E-12 |
| 2046 | -1.09E-12 | 2148 | 1.01E-13 | 2250 | 3.23E-13 | 2352 | -1.85E-14 | 2454 | 5.87E-14 | 2556 | 7.21E-14 | 2658 | 1.73E-13 | 2760 | 3.75E-13 | 2862 | 3.94E-13 | 2964 | 6.50E-13 | 3066 | 9.54E-13 | 3168 | 2.86E-12 |
| 2048 | -5.01E-13 | 2150 | 1.30E-13 | 2252 | 2.89E-13 | 2354 | 1.10E-13 | 2456 | 7.72E-14 | 2558 | 7.34E-14 | 2660 | 1.70E-13 | 2762 | 3.54E-13 | 2864 | 3.82E-13 | 2966 | 5.92E-13 | 3068 | 1.01E-12 | 3170 | 3.05E-12 |
| 2050 | 2.08E-13 | 2152 | 5.54E-14 | 2254 | 1.79E-13 | 2356 | 4.82E-14 | 2458 | 8.24E-14 | 2560 | 8.65E-14 | 2662 | 2.04E-13 | 2764 | 3.39E-13 | 2866 | 3.86E-13 | 2968 | 6.00E-13 | 3070 | 1.17E-12 | 3172 | 3.18E-12 |
| 2052 | 1.73E-13 | 2154 | 1.69E-13 | 2256 | 2.06E-13 | 2358 | 1.44E-13 | 2460 | 2.91E-14 | 2562 | 6.16E-14 | 2664 | 1.76E-13 | 2766 | 3.36E-13 | 2868 | 4.55E-13 | 2970 | 6.24E-13 | 3072 | 1.28E-12 | 3174 | 3.27E-12 |
| 2054 | 2.70E-13 | 2156 | -9.56E-15 | 2258 | 3.38E-13 | 2360 | 1.98E-13 | 2462 | 2.99E-14 | 2564 | 1.21E-13 | 2666 | 2.07E-13 | 2768 | 3.34E-13 | 2870 | 5.07E-13 | 2972 | 6.47E-13 | 3074 | 1.34E-12 | 3176 | 3.20E-12 |
| 2056 | -7.76E-14 | 2158 | -1.37E-13 | 2260 | 3.28E-13 | 2362 | 1.77E-13 | 2464 | 6.12E-14 | 2566 | 1.38E-13 | 2668 | 3.75E-13 | 2770 | 3.35E-13 | 2872 | 4.83E-13 | 2974 | 7.10E-13 | 3076 | 1.39E-12 | 3178 | 2.93E-12 |
| 2058 | 1.21E-14 | 2160 | 1.52E-13 | 2262 | 3.20E-13 | 2364 | 9.09E-14 | 2466 | 1.29E-13 | 2568 | 9.84E-14 | 2670 | 3.84E-13 | 2772 | 3.29E-13 | 2874 | 4.62E-13 | 2976 | 7.62E-13 | 3078 | 1.41E-12 | 3180 | 2.72E-12 |
| 2060 | -2.02E-13 | 2162 | 7.71E-14 | 2264 | 2.54E-13 | 2366 | 7.96E-14 | 2468 | 3.58E-14 | 2570 | 1.09E-13 | 2672 | 2.72E-13 | 2774 | 3.71E-13 | 2876 | 4.34E-13 | 2978 | 8.08E-13 | 3080 | 1.37E-12 | 3182 | 2.68E-12 |
| 2062 | -5.10E-13 | 2164 | -8.82E-14 | 2266 | 1.82E-13 | 2368 | 9.13E-14 | 2470 | 4.93E-16 | 2572 | 1.01E-13 | 2674 | 2.29E-13 | 2776 | 3.72E-13 | 2878 | 4.32E-13 | 2980 | 8.23E-13 | 3082 | 1.28E-12 | 3184 | 2.72E-12 |
| 2064 | 6.41E-14 | 2166 | 3.16E-13 | 2268 | 5.92E-14 | 2370 | 1.17E-14 | 2472 | 9.96E-14 | 2574 | 1.15E-13 | 2676 | 2.02E-13 | 2778 | 3.36E-13 | 2880 | 4.65E-13 | 2982 | 7.67E-13 | 3084 | 1.23E-12 | 3186 | 2.73E-12 |
| 2066 | 3.94E-13 | 2168 | 1.73E-13 | 2270 | 1.07E-13 | 2372 | 2.29E-14 | 2474 | 1.33E-14 | 2576 | 1.41E-13 | 2678 | 1.82E-13 | 2780 | 3.47E-13 | 2882 | 4.97E-13 | 2984 | 7.51E-13 | 3086 | 1.27E-12 | 3188 | 2.66E-12 |
| 2068 | 2.52E-13 | 2170 | -1.66E-13 | 2272 | 8.72E-14 | 2374 | 7.49E-14 | 2476 | 6.79E-14 | 2578 | 1.34E-13 | 2680 | 1.88E-13 | 2782 | 3.30E-13 | 2884 | 5.06E-13 | 2986 | 7.94E-13 | 3088 | 1.27E-12 | 3190 | 2.64E-12 |
| 2070 | 3.13E-13 | 2172 | 2.12E-13 | 2274 | 7.94E-14 | 2376 | 1.35E-13 | 2478 | 5.63E-14 | 2580 | 1.01E-13 | 2682 | 1.81E-13 | 2784 | 3.82E-13 | 2886 | 5.05E-13 | 2988 | 8.85E-13 | 3090 | 1.20E-12 | 3192 | 2.69E-12 |
| 2072 | 2.74E-13 | 2174 | 2.01E-14 | 2276 | 1.12E-13 | 2378 | 9.05E-14 | 2480 | 6.68E-14 | 2582 | 1.60E-13 | 2684 | 1.89E-13 | 2786 | 4.33E-13 | 2888 | 5.15E-13 | 2990 | 9.36E-13 | 3092 | 1.16E-12 | 3194 | 2.70E-12 |
| 2074 | -1.20E-13 | 2176 | -1.44E-13 | 2278 | 1.47E-13 | 2380 | 1.45E-13 | 2482 | 2.91E-15 | 2584 | 1.29E-13 | 2686 | 1.85E-13 | 2788 | 5.20E-13 | 2890 | 5.58E-13 | 2992 | 9.01E-13 | 3094 | 1.20E-12 | 3196 | 2.80E-12 |
| 2076 | -1.66E-13 | 2178 | -8.34E-14 | 2280 | 2.00E-13 | 2382 | 1.01E-13 | 2484 | 3.00E-14 | 2586 | 1.30E-13 | 2688 | 1.73E-13 | 2790 | 8.11E-13 | 2892 | 5.74E-13 | 2994 | 8.60E-13 | 3096 | 1.18E-12 | 3198 | 3.00E-12 |


HD 146051 M0.5 III V=2.74 (B-V)=1.58 E(B-V)=0.11
LAP: LWP 11105, LWP 11462
FLUX ($10^{-12}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

**HD 95735 M2 V V=7.49 (B-V)=1.51 E(B-V)=0.04**

**LAP: LWP 12974, LWP 12975**

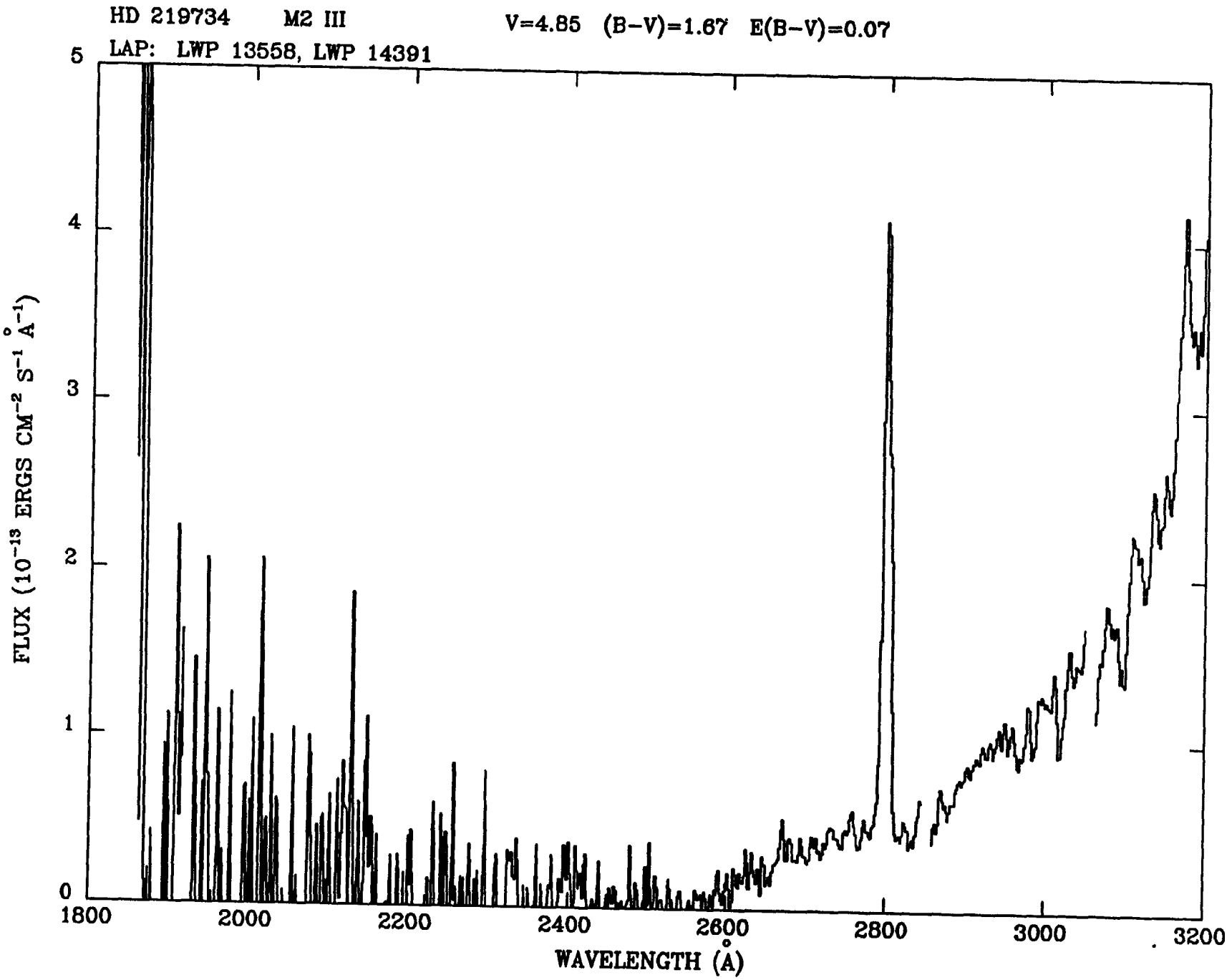
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.95E-14 | 2078 | 2.41E-14 | 2180 | -9.34E-15 | 2282 | 6.69E-15 | 2384 | 4.55E-15 | 2486 | 6.64E-16 | 2588 | -2.79E-16 | 2690 | 4.84E-15 | 2792 | 1.98E-14 | 2894 | 1.43E-14 | 2996 | 1.90E-14 | 3098 | 2.65E-14 |
| 1978 | 3.84E-15 | 2080 | -4.39E-15 | 2182 | -1.04E-14 | 2284 | 7.35E-15 | 2386 | 2.18E-15 | 2488 | 1.60E-15 | 2590 | 1.53E-15 | 2692 | 2.35E-15 | 2794 | 3.16E-14 | 2896 | 1.31E-14 | 2998 | 1.88E-14 | 3100 | 3.12E-14 |
| 1980 | -2.17E-14 | 2082 | -1.62E-14 | 2184 | 1.07E-15 | 2286 | 7.70E-15 | 2388 | 3.99E-16 | 2490 | 8.03E-16 | 2592 | 1.85E-15 | 2694 | 1.66E-15 | 2796 | 4.05E-14 | 2898 | 1.51E-14 | 3000 | 1.88E-14 | 3102 | 3.61E-14 |
| 1982 | -1.18E-14 | 2084 | 1.22E-15 | 2186 | 5.48E-15 | 2288 | -3.09E-15 | 2390 | -1.30E-15 | 2492 | -1.90E-15 | 2594 | 1.07E-15 | 2696 | 2.67E-15 | 2798 | 4.05E-14 | 2900 | 1.61E-14 | 3002 | 1.88E-14 | 3104 | 3.96E-14 |
| 1984 | 4.59E-15 | 2086 | 5.85E-15 | 2188 | 5.08E-15 | 2290 | -7.52E-15 | 2392 | -1.80E-15 | 2494 | 3.05E-16 | 2596 | 1.57E-15 | 2698 | 3.46E-15 | 2800 | 3.74E-14 | 2902 | 1.65E-14 | 3004 | 1.88E-14 | 3106 | 4.34E-14 |
| 1986 | 4.93E-15 | 2088 | -5.50E-15 | 2190 | -1.06E-14 | 2292 | -4.31E-16 | 2394 | -1.36E-15 | 2496 | 3.04E-15 | 2598 | 2.25E-15 | 2700 | 4.02E-15 | 2802 | 3.44E-14 | 2904 | 1.71E-14 | 3006 | 1.89E-14 | 3108 | 4.69E-14 |
| 1988 | 7.31E-15 | 2090 | 2.60E-15 | 2192 | -1.46E-14 | 2294 | 7.19E-15 | 2396 | -3.70E-16 | 2498 | 1.64E-15 | 2600 | 8.23E-16 | 2702 | 4.38E-15 | 2804 | 3.05E-14 | 2906 | 1.72E-14 | 3008 | 1.73E-14 | 3110 | 4.77E-14 |
| 1990 | -7.74E-16 | 2092 | 3.09E-14 | 2194 | -1.09E-14 | 2296 | 1.32E-14 | 2398 | 1.19E-15 | 2500 | 1.16E-15 | 2602 | -1.28E-16 | 2704 | 4.23E-15 | 2806 | 2.70E-14 | 2908 | 1.73E-14 | 3010 | 1.74E-14 | 3112 | 4.58E-14 |
| 1992 | 3.47E-15 | 2094 | 9.83E-15 | 2196 | -1.22E-14 | 2298 | 6.67E-15 | 2400 | 2.69E-15 | 2502 | 4.74E-15 | 2604 | 2.98E-16 | 2706 | 4.39E-15 | 2808 | 2.00E-14 | 2910 | 1.82E-14 | 3012 | 1.87E-14 | 3114 | 4.46E-14 |
| 1994 | 2.52E-14 | 2096 | 7.69E-16 | 2198 | -8.94E-16 | 2300 | -7.58E-15 | 2402 | 1.43E-15 | 2504 | 3.50E-15 | 2606 | 2.52E-15 | 2708 | 4.32E-15 | 2810 | 1.27E-14 | 2912 | 1.89E-14 | 3014 | 1.78E-14 | 3116 | 4.25E-14 |
| 1996 | 3.44E-14 | 2098 | 7.33E-15 | 2200 | -2.84E-15 | 2302 | -3.71E-15 | 2404 | 1.74E-15 | 2506 | -4.28E-16 | 2608 | 3.02E-15 | 2710 | 4.35E-15 | 2812 | 1.05E-14 | 2914 | 1.92E-14 | 3016 | 1.76E-14 | 3118 | 3.92E-14 |
| 1998 | 1.07E-14 | 2100 | -7.89E-15 | 2202 | -1.10E-14 | 2304 | -1.14E-15 | 2406 | -9.06E-16 | 2508 | -1.59E-15 | 2610 | 2.21E-15 | 2712 | 4.99E-15 | 2814 | 9.61E-15 | 2916 | 1.99E-14 | 3018 | 1.69E-14 | 3120 | 3.45E-14 |
| 2000 | 1.21E-14 | 2102 | 1.17E-15 | 2204 | -5.29E-15 | 2306 | -4.50E-15 | 2408 | 5.74E-15 | 2510 | 1.25E-15 | 2612 | 3.00E-15 | 2714 | 5.57E-15 | 2816 | 1.02E-14 | 2918 | 2.13E-14 | 3020 | 1.52E-14 | 3122 | 3.12E-14 |
| 2002 | 2.97E-15 | 2104 | 7.87E-15 | 2206 | -2.71E-15 | 2308 | -2.89E-15 | 2410 | 3.69E-15 | 2512 | 3.60E-15 | 2614 | 4.35E-15 | 2716 | 5.41E-15 | 2818 | 9.80E-15 | 2920 | 2.29E-14 | 3022 | 1.35E-14 | 3124 | 3.35E-14 |
| 2004 | 8.16E-15 | 2106 | 2.57E-15 | 2208 | -3.69E-15 | 2310 | 2.48E-15 | 2412 | 1.73E-15 | 2514 | -3.11E-15 | 2616 | 2.78E-15 | 2718 | 4.91E-15 | 2820 | 8.80E-15 | 2922 | 2.19E-14 | 3024 | 1.45E-14 | 3126 | 3.72E-14 |
| 2006 | 1.57E-15 | 2108 | -3.21E-16 | 2210 | 3.01E-16 | 2312 | 2.35E-15 | 2414 | -1.20E-15 | 2516 | 2.24E-15 | 2618 | 2.66E-15 | 2720 | 5.17E-15 | 2822 | 8.83E-15 | 2924 | 1.95E-14 | 3026 | 1.63E-14 | 3128 | 4.03E-14 |
| 2008 | -2.18E-15 | 2110 | 6.45E-16 | 2212 | -8.51E-15 | 2314 | 3.27E-15 | 2416 | -5.83E-16 | 2518 | 8.90E-16 | 2620 | 4.00E-15 | 2722 | 6.32E-15 | 2824 | 8.96E-15 | 2926 | 1.86E-14 | 3028 | 1.66E-14 | 3130 | 3.99E-14 |
| 2010 | -3.62E-15 | 2112 | 1.58E-15 | 2214 | -3.80E-16 | 2316 | 4.04E-15 | 2418 | 3.80E-15 | 2520 | 1.99E-15 | 2622 | 3.10E-15 | 2724 | 4.57E-15 | 2826 | 8.38E-15 | 2928 | 2.01E-14 | 3030 | 1.87E-14 | 3132 | 4.18E-14 |
| 2012 | -1.71E-15 | 2114 | -5.89E-15 | 2216 | 1.20E-14 | 2318 | 5.21E-15 | 2420 | 4.55E-15 | 2522 | 5.45E-16 | 2624 | 2.15E-15 | 2726 | 3.09E-15 | 2828 | 8.66E-15 | 2930 | 2.00E-14 | 3032 | 2.04E-14 | 3134 | 4.48E-14 |
| 2014 | 1.93E-14 | 2116 | 1.70E-15 | 2218 | 7.25E-15 | 2320 | -3.34E-17 | 2422 | 3.49E-15 | 2524 | -1.07E-15 | 2626 | 4.84E-15 | 2728 | 3.74E-15 | 2830 | 8.21E-15 | 2932 | 1.91E-14 | 3034 | 2.05E-14 | 3136 | 4.80E-14 |
| 2016 | 2.12E-14 | 2118 | -2.35E-15 | 2220 | -1.50E-15 | 2322 | 1.17E-15 | 2424 | 3.48E-15 | 2526 | 7.85E-16 | 2628 | 4.48E-15 | 2730 | 6.27E-15 | 2832 | 7.82E-15 | 2934 | 1.79E-14 | 3036 | 2.11E-14 | 3138 | 4.99E-14 |
| 2018 | -2.50E-15 | 2120 | 7.27E-15 | 2222 | 1.95E-15 | 2324 | 6.78E-15 | 2426 | 3.04E-15 | 2528 | 1.36E-15 | 2630 | 3.09E-15 | 2732 | 7.14E-15 | 2834 | 8.82E-15 | 2936 | 1.66E-14 | 3038 | 2.21E-14 | 3140 | 5.27E-14 |
| 2020 | -6.35E-15 | 2122 | 2.39E-14 | 2224 | 3.15E-15 | 2326 | 9.34E-15 | 2428 | 4.14E-15 | 2530 | 2.57E-16 | 2632 | 1.81E-15 | 2734 | 5.86E-15 | 2836 | 9.14E-15 | 2938 | 1.70E-14 | 3040 | 2.43E-14 | 3142 | 5.74E-14 |
| 2022 | 4.16E-15 | 2124 | -8.03E-15 | 2226 | -5.72E-15 | 2328 | 5.69E-15 | 2430 | 1.99E-15 | 2532 | 6.99E-17 | 2634 | 2.30E-15 | 2736 | 5.74E-15 | 2838 | 8.78E-15 | 2940 | 1.73E-14 | 3042 | 2.31E-14 | 3144 | 5.56E-14 |
| 2024 | 9.78E-15 | 2126 | 5.05E-15 | 2228 | -9.96E-15 | 2330 | 4.06E-15 | 2432 | 3.26E-16 | 2534 | 3.02E-15 | 2636 | 1.99E-15 | 2738 | 5.70E-15 | 2840 | 8.26E-15 | 2942 | 1.77E-14 | 3044 | 2.29E-14 | 3146 | 4.96E-14 |
| 2026 | 9.48E-15 | 2128 | 1.72E-14 | 2230 | 2.10E-15 | 2332 | -2.37E-15 | 2434 | 5.08E-15 | 2536 | 1.35E-15 | 2638 | 8.63E-16 | 2740 | 6.06E-15 | 2842 | 7.81E-15 | 2944 | 1.94E-14 | 3046 | 2.23E-14 | 3148 | 4.58E-14 |
| 2028 | 3.36E-15 | 2130 | -5.72E-15 | 2232 | 1.33E-15 | 2334 | 2.38E-15 | 2436 | 3.25E-15 | 2538 | 5.38E-16 | 2640 | 2.73E-16 | 2742 | 7.46E-15 | 2844 | 6.90E-15 | 2946 | 1.85E-14 | 3048 | 2.17E-14 | 3150 | 4.58E-14 |
| 2030 | 6.32E-15 | 2132 | -1.53E-14 | 2234 | -7.95E-15 | 2336 | 9.56E-15 | 2438 | 2.54E-15 | 2540 | 1.52E-15 | 2642 | 8.31E-16 | 2744 | 7.68E-15 | 2846 | 5.92E-15 | 2948 | 1.86E-14 | 3050 | 1.91E-14 | 3152 | 4.77E-14 |
| 2032 | -1.69E-15 | 2134 | -1.08E-14 | 2236 | -8.41E-15 | 2338 | 7.70E-15 | 2440 | 2.64E-15 | 2542 | 2.90E-15 | 2644 | 5.60E-17 | 2746 | 7.91E-15 | 2848 | | 2950 | 1.99E-14 | 3052 | 1.68E-14 | 3154 | 4.70E-14 |
| 2034 | 5.78E-15 | 2136 | 5.71E-15 | 2238 | -2.13E-15 | 2340 | 2.13E-15 | 2442 | 1.74E-15 | 2544 | 3.12E-15 | 2646 | | 2748 | 7.13E-15 | 2850 | | 2952 | 1.90E-14 | 3054 | | 3156 | 4.80E-14 |
| 2036 | 8.78E-15 | 2138 | 1.09E-14 | 2240 | 4.84E-15 | 2342 | -6.19E-17 | 2444 | 1.46E-15 | 2546 | 6.12E-16 | 2648 | 2.56E-15 | 2750 | 7.32E-15 | 2852 | | 2954 | 1.86E-14 | 3056 | | 3158 | 5.29E-14 |
| 2038 | -5.11E-15 | 2140 | 6.95E-15 | 2242 | -4.69E-15 | 2344 | 3.67E-15 | 2446 | 3.52E-16 | 2548 | 6.19E-16 | 2650 | 2.61E-15 | 2752 | 7.65E-15 | 2854 | | 2956 | 1.97E-14 | 3058 | | 3160 | 5.90E-14 |
| 2040 | -9.30E-15 | 2142 | 5.71E-15 | 2244 | -1.02E-14 | 2346 | 3.33E-15 | 2448 | -1.52E-15 | 2550 | 6.12E-16 | 2652 | 3.16E-15 | 2754 | 6.33E-15 | 2856 | 3.89E-15 | 2958 | 1.95E-14 | 3060 | | 3162 | 6.49E-14 |
| 2042 | 5.38E-15 | 2144 | -9.02E-15 | 2246 | 1.58E-16 | 2348 | -4.63E-16 | 2450 | -1.32E-15 | 2552 | 1.60E-15 | 2654 | 4.28E-15 | 2756 | 5.24E-15 | 2858 | 5.13E-15 | 2960 | 2.03E-14 | 3062 | 2.51E-14 | 3164 | 7.03E-14 |
| 2044 | 1.16E-14 | 2146 | -7.98E-16 | 2248 | 7.40E-15 | 2350 | 4.30E-15 | 2452 | -3.23E-16 | 2554 | 2.19E-15 | 2656 | 4.46E-15 | 2758 | 4.55E-15 | 2860 | 7.22E-15 | 2962 | 1.90E-14 | 3064 | 2.69E-14 | 3166 | 7.42E-14 |
| 2046 | -5.89E-15 | 2148 | 1.30E-15 | 2250 | -3.18E-16 | 2352 | -3.66E-16 | 2454 | -9.88E-16 | 2556 | 2.48E-16 | 2658 | 4.86E-15 | 2760 | 5.36E-15 | 2862 | 7.65E-15 | 2964 | 1.63E-14 | 3066 | 2.92E-14 | 3168 | 7.62E-14 |
| 2048 | -8.73E-15 | 2150 | -1.82E-15 | 2252 | -3.68E-15 | 2354 | -4.01E-15 | 2456 | 1.21E-15 | 2558 | 1.85E-15 | 2660 | 5.27E-15 | 2762 | 7.32E-15 | 2864 | 8.61E-15 | 2966 | 1.50E-14 | 3068 | 2.95E-14 | 3170 | 8.06E-14 |
| 2050 | -1.36E-14 | 2152 | -2.82E-15 | 2254 | 3.90E-15 | 2356 | -3.56E-15 | 2458 | 3.02E-15 | 2560 | 2.26E-15 | 2662 | 2.30E-15 | 2764 | 9.04E-15 | 2866 | 1.04E-14 | 2968 | 1.46E-14 | 3070 | 2.94E-14 | 3172 | 8.33E-14 |
| 2052 | -4.03E-15 | 2154 | 5.39E-15 | 2256 | 1.25E-15 | 2358 | -2.66E-15 | 2460 | 2.45E-15 | 2562 | 1.09E-15 | 2664 | 1.70E-15 | 2766 | 9.12E-15 | 2868 | 1.15E-14 | 2970 | 1.43E-14 | 3072 | 3.26E-14 | 3174 | 8.56E-14 |
| 2054 | 6.62E-15 | 2156 | 7.74E-16 | 2258 | 1.10E-15 | 2360 | 1.99E-15 | 2462 | 6.88E-16 | 2564 | 1.52E-15 | 2666 | 3.88E-15 | 2768 | 9.94E-15 | 2870 | 1.14E-14 | 2972 | 1.52E-14 | 3074 | 3.53E-14 | 3176 | 8.67E-14 |
| 2056 | 1.47E-14 | 2158 | 1.79E-15 | 2260 | -1.22E-15 | 2362 | -1.03E-15 | 2464 | -5.39E-16 | 2566 | 2.06E-15 | 2668 | 3.76E-15 | 2770 | 9.62E-15 | 2872 | 1.25E-14 | 2974 | 1.81E-14 | 3076 | 3.53E-14 | 3178 | 8.18E-14 |
| 2058 | 1.00E-14 | 2160 | 1.21E-14 | 2262 | -1.35E-15 | 2364 | -6.50E-15 | 2466 | -4.48E-19 | 2568 | 3.39E-15 | 2670 | 3.26E-15 | 2772 | 9.91E-15 | 2874 | 1.24E-14 | 2976 | 1.99E-14 | 3078 | 3.22E-14 | 3180 | 7.32E-14 |
| 2060 | 4.21E-15 | 2162 | 4.08E-16 | 2264 | 1.44E-15 | 2366 | -1.18E-15 | 2468 | 1.91E-15 | 2570 | 3.10E-15 | 2672 | 4.31E-15 | 2774 | 9.42E-15 | 2876 | 1.23E-14 | 2978 | 1.97E-14 | 3080 | 2.70E-14 | 3182 | 6.35E-14 |
| 2062 | -8.84E-15 | 2164 | -3.93E-15 | 2266 | 1.03E-15 | 2368 | 1.55E-15 | 2470 | 3.14E-15 | 2572 | 1.52E-15 | 2674 | 5.03E-15 | 2776 | 8.71E-15 | 2878 | 1.24E-14 | 2980 | 2.06E-14 | 3082 | 2.40E-14 | 3184 | 6.45E-14 |
| 2064 | -8.46E-15 | 2166 | -3.69E-15 | 2268 | -6.26E-15 | 2370 | -4.37E-16 | 2472 | 3.31E-16 | 2574 | 1.47E-15 | 2676 | 4.07E-15 | 2778 | 8.93E-15 | 2880 | 1.24E-14 | 2982 | 2.08E-14 | 3084 | 2.48E-14 | 3186 | 6.73E-14 |
| 2066 | 3.52E-15 | 2168 | -7.91E-15 | 2270 | -6.52E-15 | 2372 | 4.11E-15 | 2474 | 1.13E-15 | 2576 | -2.53E-16 | 2678 | 3.13E-15 | 2780 | 8.79E-15 | 2882 | 1.42E-14 | 2984 | 1.99E-14 | 3086 | 2.69E-14 | 3188 | 7.14E-14 |
| 2068 | -5.05E-16 | 2170 | 9.08E-15 | 2272 | -4.45E-15 | 2374 | 2.73E-15 | 2476 | 1.74E-16 | 2578 | -1.67E-15 | 2680 | 3.22E-15 | 2782 | 9.13E-15 | 2884 | 1.60E-14 | 2986 | 1.99E-14 | 3088 | 2.85E-14 | 3190 | 8.19E-14 |
| 2070 | -5.48E-15 | 2172 | 2.78E-15 | 2274 | 5.91E-16 | 2376 | 3.44E-15 | 2478 | 2.42E-15 | 2580 | 1.04E-15 | 2682 | 4.30E-15 | 2784 | 1.02E-14 | 2886 | 1.66E-14 | 2988 | 2.03E-14 | 3090 | 2.96E-14 | 3192 | 9.05E-14 |
| 2072 | -5.08E-15 | 2174 | -3.88E-15 | 2276 | 3.63E-15 | 2378 | -4.43E-16 | 2480 | 1.13E-15 | 2582 | -6.97E-16 | 2684 | 4.82E-15 | 2786 | 8.60E-15 | 2888 | 1.76E-14 | 2990 | 2.20E-14 | 3092 | 2.64E-14 | 3194 | 9.67E-14 |
| 2074 | -2.99E-15 | 2176 | 8.53E-15 | 2278 | -5.12E-15 | 2380 | 3.08E-15 | 2482 | -3.01E-15 | 2584 | -1.27E-15 | 2686 | 4.96E-15 | 2788 | 8.86E-15 | 2890 | 1.75E-14 | 2992 | 2.03E-14 | 3094 | 2.45E-14 | 3196 | 9.72E-14 |
| 2076 | 2.55E-14 | 2178 | 6.61E-15 | 2280 | -5.35E-15 | 2382 | 3.99E-15 | 2484 | -1.98E-15 | 2586 | 4.14E-17 | 2688 | 5.79E-15 | 2790 | 1.24E-14 | 2892 | 1.64E-14 | 2994 | 1.93E-14 | 3096 | 2.43E-14 | 3198 | 9.12E-14 |


HD 95735 M2 V
V=7.49 (B-V)=1.51 E(B-V)=0.04
LAP: LWP 12974, LWP 12975
FLUX ($10^{-14}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
2
4
6
8
10
1800
2000
2200
2400
2600
2800
3000
3200

HD 219734 M2 III V=4.85 (B-V)=1.67 E(B-V)=0.07

LAP: LWP 13558, LWP 14391

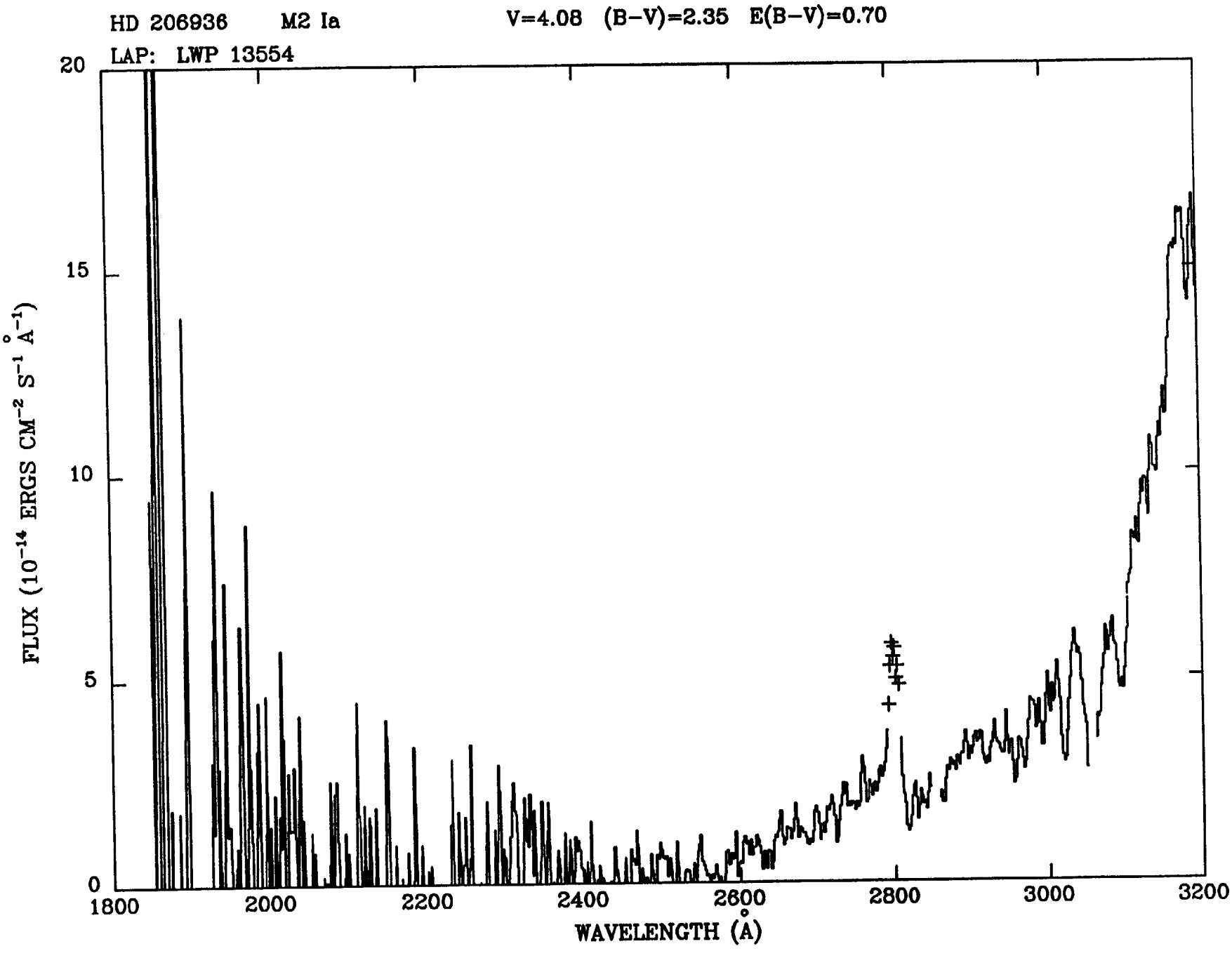
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 4.25E-14 | 2078 | 6.44E-14 | 2180 | -3.26E-14 | 2282 | 1.86E-15 | 2384 | -9.80E-15 | 2486 | 1.13E-14 | 2588 | 1.30E-14 | 2690 | 2.92E-14 | 2792 | 1.21E-13 | 2894 | 7.85E-14 | 2996 | 1.28E-13 | 3098 | 1.38E-13 |
| 1978 | 3.51E-14 | 2080 | -1.10E-14 | 2182 | -3.65E-14 | 2284 | -4.07E-15 | 2386 | -1.20E-14 | 2488 | 1.20E-14 | 2590 | 2.18E-14 | 2692 | 3.35E-14 | 2794 | 2.27E-13 | 2896 | 7.59E-14 | 2998 | 1.27E-13 | 3100 | 1.42E-13 |
| 1980 | -1.18E-13 | 2082 | -6.82E-14 | 2184 | -2.38E-14 | 2286 | 1.24E-14 | 2388 | 8.08E-15 | 2490 | -2.19E-15 | 2592 | 1.70E-14 | 2694 | 4.29E-14 | 2796 | 3.58E-13 | 2898 | 7.80E-14 | 3000 | 1.24E-13 | 3102 | 1.64E-13 |
| 1982 | -4.27E-14 | 2084 | -5.45E-15 | 2186 | -5.83E-15 | 2288 | -2.41E-14 | 2390 | 1.64E-14 | 2492 | -3.14E-15 | 2594 | 7.42E-15 | 2696 | 3.77E-14 | 2798 | 4.07E-13 | 2900 | 8.03E-14 | 3002 | 1.25E-13 | 3104 | 1.88E-13 |
| 1984 | -5.88E-15 | 2086 | 4.13E-14 | 2188 | 2.70E-14 | 2290 | -2.66E-14 | 2392 | 1.27E-14 | 2494 | -3.39E-15 | 2596 | 4.24E-15 | 2698 | 3.25E-14 | 2800 | 3.44E-13 | 2902 | 8.54E-14 | 3004 | 1.24E-13 | 3106 | 2.07E-13 |
| 1986 | -5.23E-14 | 2088 | -2.65E-14 | 2190 | -3.34E-14 | 2292 | -2.00E-14 | 2394 | 2.42E-14 | 2496 | 7.86E-15 | 2598 | 8.46E-15 | 2700 | 3.14E-14 | 2802 | 2.85E-13 | 2904 | 8.47E-14 | 3006 | 1.22E-13 | 3108 | 2.21E-13 |
| 1988 | -1.53E-15 | 2090 | -2.87E-15 | 2192 | -9.81E-14 | 2294 | 3.86E-14 | 2396 | 2.60E-14 | 2498 | 2.01E-14 | 2600 | 1.45E-14 | 2702 | 2.88E-14 | 2804 | 2.67E-13 | 2906 | 8.07E-14 | 3008 | 1.22E-13 | 3110 | 2.26E-13 |
| 1990 | -6.86E-15 | 2092 | 4.84E-14 | 2194 | -3.25E-14 | 2296 | 6.60E-14 | 2398 | 1.73E-14 | 2500 | 1.48E-15 | 2602 | 2.02E-14 | 2704 | 2.90E-14 | 2806 | 2.15E-13 | 2908 | 8.27E-14 | 3010 | 1.32E-13 | 3112 | 2.23E-13 |
| 1992 | -4.83E-15 | 2094 | 4.70E-14 | 2196 | -5.72E-14 | 2298 | -1.55E-14 | 2400 | 3.29E-14 | 2502 | 1.50E-14 | 2604 | 1.36E-14 | 2706 | 3.38E-14 | 2808 | 1.21E-13 | 2910 | 8.71E-14 | 3012 | 1.42E-13 | 3114 | 2.21E-13 |
| 1994 | 6.93E-14 | 2096 | -3.30E-15 | 2198 | -7.52E-14 | 2300 | -1.88E-14 | 2402 | 2.36E-14 | 2504 | 2.84E-14 | 2606 | 2.07E-15 | 2708 | 4.08E-14 | 2810 | 5.81E-14 | 2912 | 8.84E-14 | 3014 | 1.31E-13 | 3116 | 2.13E-13 |
| 1996 | 2.66E-14 | 2098 | 8.40E-15 | 2200 | 1.43E-14 | 2302 | -4.02E-15 | 2404 | 1.50E-14 | 2506 | 6.92E-16 | 2608 | 5.87E-15 | 2710 | 4.29E-14 | 2812 | 4.62E-14 | 2914 | 9.07E-14 | 3016 | 1.08E-13 | 3118 | 2.12E-13 |
| 1998 | -6.84E-14 | 2100 | 1.39E-14 | 2202 | 1.76E-14 | 2304 | -8.67E-15 | 2406 | -2.58E-14 | 2508 | -3.89E-15 | 2610 | 2.41E-14 | 2712 | 3.93E-14 | 2814 | 4.32E-14 | 2916 | 8.97E-14 | 3018 | 9.31E-14 | 3120 | 2.14E-13 |
| 2000 | 1.39E-14 | 2102 | 4.97E-14 | 2204 | 3.94E-14 | 2306 | -2.00E-14 | 2408 | 6.67E-15 | 2510 | 1.31E-14 | 2612 | 1.99E-14 | 2714 | 4.14E-14 | 2816 | 4.43E-14 | 2918 | 8.84E-14 | 3020 | 9.83E-14 | 3122 | 2.02E-13 |
| 2002 | -5.92E-14 | 2104 | 1.88E-15 | 2206 | 2.02E-14 | 2308 | 5.53E-15 | 2410 | 3.41E-14 | 2512 | 1.50E-14 | 2614 | 1.44E-14 | 2716 | 3.67E-14 | 2818 | 4.41E-14 | 2920 | 9.46E-14 | 3022 | 1.09E-13 | 3124 | 1.88E-13 |
| 2004 | 9.05E-14 | 2106 | -7.98E-14 | 2208 | -5.40E-14 | 2310 | 2.85E-14 | 2412 | 1.95E-14 | 2514 | 3.94E-15 | 2616 | 1.59E-14 | 2718 | 3.56E-14 | 2820 | 4.35E-14 | 2922 | 9.87E-14 | 3024 | 1.15E-13 | 3126 | 1.89E-13 |
| 2006 | 1.39E-14 | 2108 | -1.09E-13 | 2210 | -4.96E-14 | 2312 | -1.86E-14 | 2414 | 1.19E-14 | 2516 | 3.48E-15 | 2618 | 2.03E-14 | 2720 | 3.17E-14 | 2822 | 4.95E-14 | 2924 | 9.58E-14 | 3026 | 1.28E-13 | 3128 | 1.99E-13 |
| 2008 | -1.05E-13 | 2110 | 1.77E-14 | 2212 | -6.69E-14 | 2314 | -1.93E-14 | 2416 | 1.61E-14 | 2518 | 5.08E-15 | 2620 | 1.69E-14 | 2722 | 3.43E-14 | 2824 | 5.21E-14 | 2926 | 9.26E-14 | 3028 | 1.43E-13 | 3130 | 2.09E-13 |
| 2010 | -7.92E-15 | 2112 | 4.04E-14 | 2214 | -9.52E-14 | 2316 | -7.86E-15 | 2418 | 1.46E-14 | 2520 | 3.83E-15 | 2622 | 1.82E-14 | 2724 | 4.01E-14 | 2826 | 4.92E-14 | 2928 | 9.37E-14 | 3030 | 1.55E-13 | 3132 | 2.29E-13 |
| 2012 | 2.94E-14 | 2114 | 9.07E-15 | 2216 | -3.83E-14 | 2318 | -1.10E-14 | 2420 | 1.49E-14 | 2522 | -2.35E-14 | 2624 | 2.89E-14 | 2726 | 3.79E-14 | 2828 | 4.83E-14 | 2930 | 9.99E-14 | 3032 | 1.57E-13 | 3134 | 2.47E-13 |
| 2014 | 1.83E-13 | 2116 | 3.41E-14 | 2218 | -1.84E-14 | 2320 | -1.73E-14 | 2422 | 2.89E-14 | 2524 | -1.06E-14 | 2626 | 3.07E-14 | 2728 | 4.20E-14 | 2830 | 4.02E-14 | 2932 | 1.00E-13 | 3034 | 1.45E-13 | 3136 | 2.52E-13 |
| 2016 | 1.22E-13 | 2118 | 7.82E-14 | 2220 | -2.07E-14 | 2322 | -1.37E-14 | 2424 | 1.56E-14 | 2526 | 1.96E-15 | 2628 | 1.72E-14 | 2730 | 4.82E-14 | 2832 | 3.96E-14 | 2934 | 9.60E-14 | 3036 | 1.37E-13 | 3138 | 2.44E-13 |
| 2018 | -3.37E-14 | 2120 | 5.88E-14 | 2222 | 4.54E-15 | 2324 | 3.28E-14 | 2426 | -2.68E-15 | 2528 | 1.59E-14 | 2630 | 1.97E-14 | 2732 | 4.93E-14 | 2834 | 4.26E-14 | 2936 | 9.39E-14 | 3038 | 1.40E-13 | 3140 | 2.30E-13 |
| 2020 | 7.93E-15 | 2122 | 5.64E-14 | 2224 | 1.13E-14 | 2326 | 2.87E-14 | 2428 | -2.81E-15 | 2530 | 9.03E-15 | 2632 | 3.20E-14 | 2734 | 4.86E-14 | 2836 | 3.91E-14 | 2938 | 9.77E-14 | 3040 | 1.48E-13 | 3142 | 2.22E-13 |
| 2022 | 4.99E-14 | 2124 | 3.59E-14 | 2226 | -2.09E-14 | 2328 | 2.84E-14 | 2430 | 1.69E-15 | 2532 | 2.90E-15 | 2634 | 2.48E-14 | 2736 | 4.58E-14 | 2838 | 4.63E-14 | 2940 | 1.02E-13 | 3042 | 1.47E-13 | 3144 | 2.30E-13 |
| 2024 | 1.37E-14 | 2126 | -3.52E-14 | 2228 | -2.85E-14 | 2330 | 2.72E-14 | 2432 | 4.66E-15 | 2534 | 2.36E-15 | 2636 | 2.01E-14 | 2738 | 4.33E-14 | 2840 | 5.46E-14 | 2942 | 1.07E-13 | 3044 | 1.46E-13 | 3146 | 2.33E-13 |
| 2026 | 3.41E-15 | 2128 | 1.12E-13 | 2230 | 4.40E-14 | 2332 | 1.74E-14 | 2434 | -4.61E-17 | 2536 | -8.14E-15 | 2638 | 1.66E-14 | 2740 | 4.27E-14 | 2842 | 5.89E-14 | 2944 | 1.03E-13 | 3046 | 1.46E-13 | 3148 | 2.49E-13 |
| 2028 | 7.76E-14 | 2130 | 1.45E-13 | 2232 | 5.17E-14 | 2334 | 2.72E-14 | 2436 | -1.63E-14 | 2538 | -6.44E-15 | 2640 | 2.36E-14 | 2742 | 4.07E-14 | 2844 | 6.57E-14 | 2946 | 9.82E-14 | 3048 | 1.54E-13 | 3150 | 2.63E-13 |
| 2030 | -2.35E-15 | 2132 | 3.08E-14 | 2234 | -2.71E-14 | 2336 | 3.34E-14 | 2438 | 1.38E-14 | 2540 | 5.13E-15 | 2642 | 1.60E-14 | 2744 | 3.84E-14 | 2846 | 6.46E-14 | 2948 | 1.06E-13 | 3050 | 1.66E-13 | 3152 | 2.55E-13 |
| 2032 | -3.69E-14 | 2134 | -3.71E-14 | 2236 | -5.77E-14 | 2338 | 7.45E-15 | 2440 | 2.13E-14 | 2542 | 9.68E-15 | 2644 | 1.59E-14 | 2746 | 3.73E-14 | 2848 | | 2950 | 1.13E-13 | 3052 | 1.70E-13 | 3154 | 2.45E-13 |
| 2034 | 5.73E-14 | 2136 | -8.72E-15 | 2238 | -4.23E-14 | 2340 | -1.99E-14 | 2442 | -1.15E-14 | 2544 | 7.26E-15 | 2646 | 2.99E-14 | 2748 | 4.49E-14 | 2850 | | 2952 | 1.04E-13 | 3054 | | 3156 | 2.43E-13 |
| 2036 | 5.68E-14 | 2138 | 4.71E-14 | 2240 | 1.42E-14 | 2342 | -3.47E-14 | 2444 | -4.45E-15 | 2546 | -7.86E-15 | 2648 | 2.68E-14 | 2750 | 4.77E-14 | 2852 | | 2954 | 9.52E-14 | 3056 | | 3158 | 2.55E-13 |
| 2038 | -2.29E-14 | 2140 | 7.05E-15 | 2242 | 3.61E-14 | 2344 | -2.09E-16 | 2446 | -4.01E-15 | 2548 | -5.19E-15 | 2650 | 2.10E-14 | 2752 | 4.58E-14 | 2854 | | 2956 | 1.00E-13 | 3058 | | 3160 | 2.72E-13 |
| 2040 | -5.97E-14 | 2142 | -2.65E-14 | 2244 | -1.11E-14 | 2346 | -6.72E-15 | 2448 | 1.45E-15 | 2550 | -1.86E-16 | 2652 | 1.64E-14 | 2754 | 4.88E-14 | 2856 | | 2958 | 1.07E-13 | 3060 | | 3162 | 2.94E-13 |
| 2042 | -1.73E-14 | 2144 | 4.25E-15 | 2246 | 1.81E-14 | 2348 | -2.84E-14 | 2450 | 4.48E-15 | 2552 | 1.08E-16 | 2654 | 1.90E-14 | 2756 | 5.51E-14 | 2858 | 4.07E-14 | 2960 | 1.08E-13 | 3062 | | 3164 | 3.17E-13 |
| 2044 | -3.34E-14 | 2146 | 7.41E-14 | 2248 | 4.01E-14 | 2350 | 7.43E-15 | 2452 | 6.84E-15 | 2554 | 4.58E-15 | 2656 | 1.68E-14 | 2758 | 5.81E-14 | 2860 | 4.88E-14 | 2962 | 9.93E-14 | 3064 | 1.14E-13 | 3166 | 3.37E-13 |
| 2046 | -9.83E-14 | 2148 | 1.10E-13 | 2250 | -7.09E-15 | 2352 | -1.35E-14 | 2454 | 9.15E-15 | 2556 | 1.11E-15 | 2658 | 2.11E-14 | 2760 | 5.61E-14 | 2862 | 5.25E-14 | 2964 | 9.10E-14 | 3066 | 1.23E-13 | 3168 | 3.54E-13 |
| 2048 | -6.02E-14 | 2150 | 3.94E-14 | 2252 | -5.31E-14 | 2354 | -8.03E-15 | 2456 | 4.50E-15 | 2558 | 1.68E-15 | 2660 | 2.64E-14 | 2762 | 4.87E-14 | 2864 | 4.79E-14 | 2966 | 8.58E-14 | 3068 | 1.44E-13 | 3170 | 3.80E-13 |
| 2050 | -5.22E-14 | 2152 | 2.67E-14 | 2254 | -8.29E-16 | 2356 | -1.55E-14 | 2458 | 1.04E-14 | 2560 | 4.37E-15 | 2662 | 2.75E-14 | 2764 | 4.29E-14 | 2866 | 5.34E-14 | 2968 | 8.99E-14 | 3070 | 1.51E-13 | 3172 | 4.09E-13 |
| 2052 | -3.93E-14 | 2154 | 5.08E-14 | 2256 | 6.78E-14 | 2358 | -9.15E-16 | 2460 | 1.08E-14 | 2562 | 1.02E-14 | 2664 | 2.86E-14 | 2766 | 3.83E-14 | 2868 | 6.92E-14 | 2970 | 9.16E-14 | 3072 | 1.52E-13 | 3174 | 4.18E-13 |
| 2054 | 6.04E-14 | 2156 | 2.59E-14 | 2258 | 2.36E-14 | 2360 | 1.02E-14 | 2462 | 2.19E-15 | 2564 | 7.52E-15 | 2666 | 3.05E-14 | 2768 | 3.75E-14 | 2870 | 7.16E-14 | 2972 | 9.15E-14 | 3074 | 1.63E-13 | 3176 | 3.86E-13 |
| 2056 | 3.10E-14 | 2158 | -2.02E-14 | 2260 | 1.01E-14 | 2362 | 4.17E-15 | 2464 | 2.87E-15 | 2566 | 6.15E-15 | 2668 | 3.85E-14 | 2770 | 4.12E-14 | 2872 | 6.52E-14 | 2974 | 9.81E-14 | 3076 | 1.77E-13 | 3178 | 3.58E-13 |
| 2058 | -2.29E-14 | 2160 | 2.64E-14 | 2262 | -4.87E-14 | 2364 | -3.64E-14 | 2466 | -1.25E-15 | 2568 | 7.71E-15 | 2670 | 4.89E-14 | 2772 | 4.88E-14 | 2874 | 6.27E-14 | 2976 | 1.07E-13 | 3078 | 1.84E-13 | 3180 | 3.48E-13 |
| 2060 | 9.29E-15 | 2162 | -1.40E-14 | 2264 | -2.69E-15 | 2366 | -9.33E-15 | 2468 | 3.52E-15 | 2570 | 1.84E-15 | 2672 | 5.08E-14 | 2774 | 5.37E-14 | 2876 | 6.25E-14 | 2978 | 1.22E-13 | 3080 | 1.80E-13 | 3182 | 3.42E-13 |
| 2062 | -5.00E-14 | 2164 | -4.87E-14 | 2266 | 1.56E-14 | 2368 | 1.75E-15 | 2470 | 6.93E-16 | 2572 | 7.28E-15 | 2674 | 3.80E-14 | 2776 | 4.88E-14 | 2878 | 5.77E-14 | 2980 | 1.21E-13 | 3082 | 1.71E-13 | 3184 | 3.49E-13 |
| 2064 | -7.62E-14 | 2166 | -2.29E-14 | 2268 | -2.16E-16 | 2370 | -2.19E-14 | 2472 | -5.82E-16 | 2574 | 7.48E-15 | 2676 | 2.99E-14 | 2778 | 4.74E-14 | 2880 | 5.75E-14 | 2982 | 1.02E-13 | 3084 | 1.70E-13 | 3186 | 3.39E-13 |
| 2066 | -1.18E-14 | 2168 | -7.41E-14 | 2270 | 1.26E-15 | 2372 | -1.31E-14 | 2474 | -1.54E-15 | 2576 | 2.12E-15 | 2678 | 3.52E-14 | 2780 | 4.52E-14 | 2882 | 6.25E-14 | 2984 | 9.27E-14 | 3086 | 1.68E-13 | 3188 | 3.32E-13 |
| 2068 | -2.50E-14 | 2170 | -4.34E-14 | 2272 | -3.91E-14 | 2374 | -4.21E-15 | 2476 | 3.50E-15 | 2578 | -6.41E-15 | 2680 | 4.22E-14 | 2782 | 4.48E-14 | 2884 | 6.41E-14 | 2986 | 9.55E-14 | 3088 | 1.67E-13 | 3190 | 3.43E-13 |
| 2070 | -5.23E-14 | 2172 | -3.80E-15 | 2274 | -7.93E-15 | 2376 | 1.13E-14 | 2478 | 1.91E-14 | 2580 | 8.88E-15 | 2682 | 4.10E-14 | 2784 | 5.03E-14 | 2886 | 6.41E-14 | 2988 | 1.04E-13 | 3090 | 1.72E-13 | 3192 | 3.44E-13 |
| 2072 | -5.58E-14 | 2174 | 1.45E-15 | 2276 | 3.00E-14 | 2378 | 1.23E-14 | 2480 | 2.10E-14 | 2582 | 6.83E-15 | 2684 | 3.33E-14 | 2786 | 5.31E-14 | 2888 | 6.99E-14 | 2990 | 1.20E-13 | 3092 | 1.55E-13 | 3194 | 3.48E-13 |
| 2074 | 1.82E-14 | 2176 | -1.31E-14 | 2278 | 1.05E-14 | 2380 | 2.68E-14 | 2482 | -1.24E-15 | 2584 | 3.53E-15 | 2686 | 2.99E-14 | 2788 | 6.02E-14 | 2890 | 7.36E-14 | 2992 | 1.28E-13 | 3094 | 1.40E-13 | 3196 | 3.82E-13 |
| 2076 | 9.49E-14 | 2178 | 2.42E-14 | 2280 | -2.03E-14 | 2382 | -9.09E-15 | 2484 | -2.37E-15 | 2586 | 1.09E-14 | 2688 | 2.99E-14 | 2790 | 7.37E-14 | 2892 | 7.67E-14 | 2994 | 1.27E-13 | 3096 | 1.47E-13 | 3198 | 4.03E-13 |


HD 219734 M2 III V=4.85 (B-V)=1.67 E(B-V)=0.07
LAP: LWP 13558, LWP 14391
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
1
2
3
4
5
1800
2000
2200
2400
2600
2800
3000
3200

HD 206936 M2 Ia V=4.08 (B-V)=2.35 E(B-V)=0.70

LAP: LWP 13554

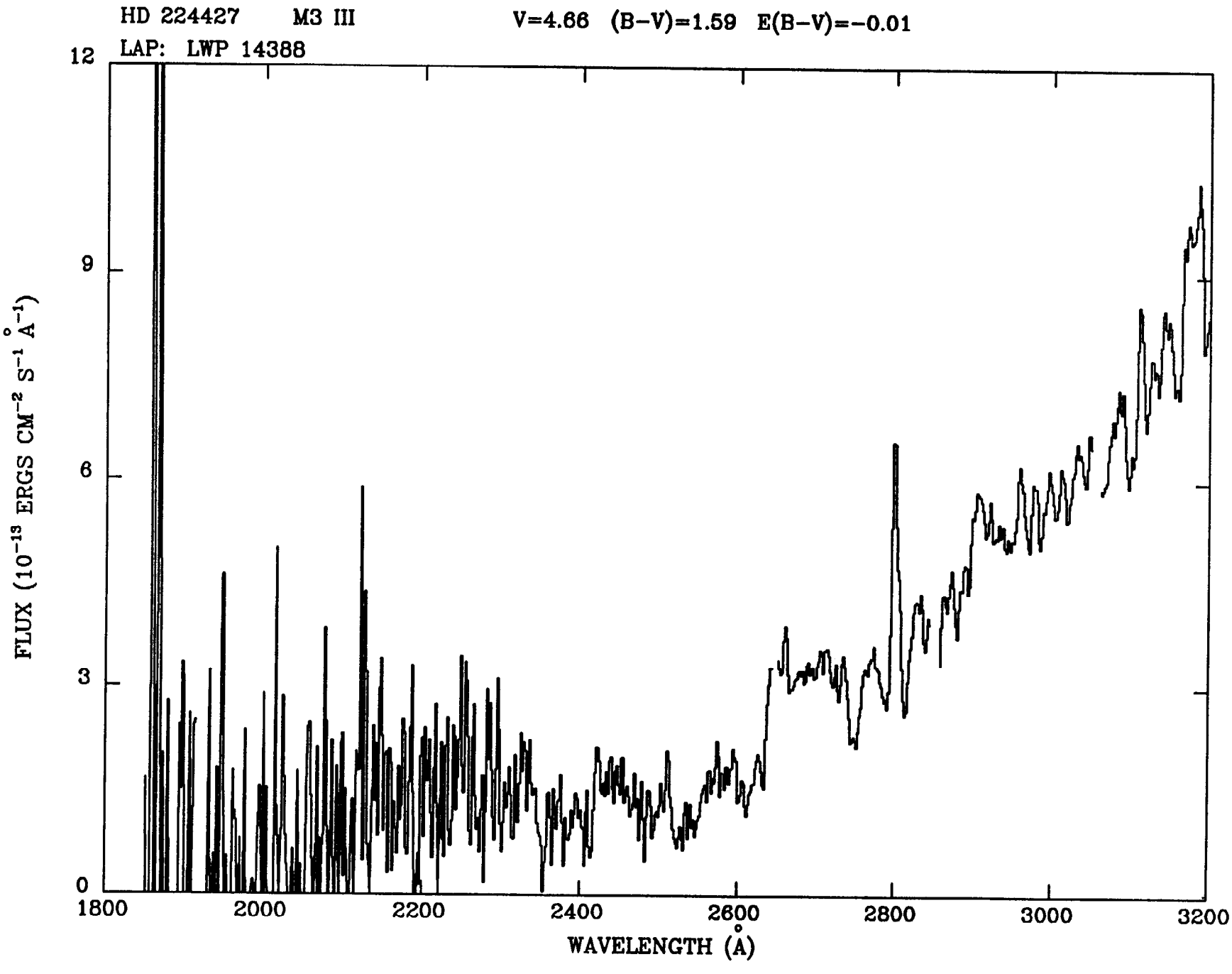
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 1.81E-14 | 2078 | 8.78E-15 | 2180 | -4.24E-14 | 2282 | -1.56E-14 | 2384 | 5.65E-15 | 2486 | 5.67E-15 | 2588 | 5.39E-15 | 2690 | 1.01E-14 | 2792 | 3.69E-14 | 2894 | 3.36E-14 | 2996 | 4.22E-14 | 3098 | 4.76E-14 |
| 1978 | -3.25E-14 | 2080 | -5.07E-16 | 2182 | 6.01E-15 | 2284 | -9.57E-15 | 2386 | -3.74E-15 | 2488 | 3.90E-15 | 2590 | 6.55E-15 | 2692 | 9.64E-15 | 2794 | | 2896 | 2.99E-14 | 2998 | 4.89E-14 | 3100 | 5.31E-14 |
| 1980 | -3.61E-14 | 2082 | 1.64E-14 | 2184 | 3.03E-14 | 2286 | 7.41E-15 | 2388 | 5.89E-15 | 2490 | -2.55E-15 | 2592 | 6.30E-15 | 2694 | 1.26E-14 | 2796 | | 2898 | 3.24E-14 | 3000 | 4.49E-14 | 3102 | 5.86E-14 |
| 1982 | 7.21E-15 | 2084 | 2.44E-14 | 2186 | 8.62E-15 | 2288 | -1.48E-14 | 2390 | 9.89E-15 | 2492 | 3.75E-19 | 2594 | 9.94E-15 | 2696 | 1.74E-14 | 2798 | | 2900 | 3.13E-14 | 3002 | 4.14E-14 | 3104 | 6.50E-14 |
| 1984 | 3.06E-14 | 2086 | 1.44E-14 | 2188 | -1.96E-14 | 2290 | 7.80E-15 | 2392 | 8.99E-15 | 2494 | 6.87E-15 | 2596 | 5.78E-15 | 2698 | 1.81E-14 | 2800 | | 2902 | 3.34E-14 | 3004 | 4.69E-14 | 3106 | 7.31E-14 |
| 1986 | 4.43E-14 | 2088 | -1.12E-14 | 2190 | -1.35E-14 | 2292 | 2.82E-14 | 2394 | 9.19E-15 | 2496 | 6.46E-15 | 2598 | 3.41E-15 | 2700 | 1.62E-14 | 2802 | | 2904 | 3.56E-14 | 3006 | 4.39E-14 | 3108 | 7.49E-14 |
| 1988 | -2.08E-14 | 2090 | -4.50E-14 | 2192 | 3.78E-15 | 2294 | 2.13E-14 | 2396 | 5.57E-15 | 2498 | 9.43E-15 | 2600 | 4.96E-15 | 2702 | 1.30E-14 | 2804 | | 2906 | 3.52E-14 | 3008 | 4.44E-14 | 3110 | 8.06E-14 |
| 1990 | -1.54E-14 | 2092 | -3.14E-14 | 2194 | -3.73E-15 | 2296 | -5.84E-15 | 2398 | 3.48E-15 | 2500 | 7.67E-15 | 2602 | 4.74E-15 | 2704 | 1.09E-14 | 2806 | | 2908 | 3.42E-14 | 3010 | 5.04E-14 | 3112 | 8.44E-14 |
| 1992 | -2.10E-14 | 2094 | 3.01E-15 | 2196 | -9.59E-15 | 2298 | 8.18E-15 | 2400 | -4.99E-15 | 2502 | 6.10E-15 | 2604 | 9.12E-15 | 2706 | 1.30E-14 | 2808 | 3.44E-14 | 2910 | 3.55E-14 | 3012 | 5.27E-14 | 3114 | 8.33E-14 |
| 1994 | 2.13E-14 | 2096 | 5.96E-15 | 2198 | -3.18E-15 | 2300 | 5.02E-15 | 2402 | -6.27E-15 | 2504 | 6.13E-15 | 2606 | 1.12E-14 | 2708 | 1.31E-14 | 2810 | 2.52E-14 | 2912 | 3.62E-14 | 3014 | 4.76E-14 | 3116 | 8.67E-14 |
| 1996 | 3.05E-14 | 2098 | -2.20E-14 | 2200 | -2.37E-15 | 2302 | -8.23E-16 | 2404 | 3.51E-15 | 2506 | 4.30E-15 | 2608 | 9.39E-15 | 2710 | 1.33E-14 | 2812 | 2.10E-14 | 2914 | 3.24E-14 | 3016 | 4.16E-14 | 3118 | 8.36E-14 |
| 1998 | -2.33E-15 | 2100 | 1.98E-15 | 2202 | -1.47E-14 | 2304 | 1.93E-18 | 2406 | -2.84E-15 | 2508 | 1.89E-15 | 2610 | 9.63E-15 | 2712 | 1.69E-14 | 2814 | 1.77E-14 | 2916 | 2.97E-14 | 3018 | 3.36E-14 | 3120 | 8.20E-14 |
| 2000 | 1.12E-14 | 2102 | -1.83E-14 | 2204 | 1.12E-15 | 2306 | 8.12E-15 | 2408 | 3.55E-15 | 2510 | 4.51E-15 | 2612 | 7.22E-15 | 2714 | 1.77E-14 | 2816 | 1.32E-14 | 2918 | 2.87E-14 | 3020 | 3.00E-14 | 3122 | 9.08E-14 |
| 2002 | -1.30E-14 | 2104 | -1.79E-14 | 2206 | -7.83E-15 | 2308 | 1.65E-14 | 2410 | 1.35E-14 | 2512 | 1.22E-15 | 2614 | 9.38E-15 | 2716 | 1.85E-14 | 2818 | 1.27E-14 | 2920 | 3.00E-14 | 3022 | 2.95E-14 | 3124 | 9.70E-14 |
| 2004 | -1.57E-14 | 2106 | -1.24E-14 | 2208 | -3.25E-14 | 2310 | 2.30E-14 | 2412 | 2.91E-15 | 2514 | -5.29E-15 | 2616 | 7.22E-15 | 2718 | 2.06E-14 | 2820 | 1.44E-14 | 2922 | 2.90E-14 | 3024 | 3.35E-14 | 3126 | 9.46E-14 |
| 2006 | 1.95E-14 | 2108 | -1.31E-14 | 2210 | -3.83E-14 | 2312 | 2.03E-14 | 2414 | -3.43E-15 | 2516 | -6.51E-15 | 2618 | 8.57E-15 | 2720 | 1.92E-14 | 2822 | 1.83E-14 | 2924 | 3.25E-14 | 3026 | 4.10E-14 | 3128 | 9.78E-14 |
| 2008 | 3.26E-15 | 2110 | 2.71E-14 | 2212 | -2.58E-14 | 2314 | 1.73E-14 | 2416 | -1.07E-15 | 2518 | 7.50E-15 | 2620 | 9.81E-15 | 2722 | 1.58E-14 | 2824 | 2.21E-14 | 2926 | 3.41E-14 | 3028 | 4.75E-14 | 3130 | 9.60E-14 |
| 2010 | -1.52E-14 | 2112 | 2.55E-14 | 2214 | -2.67E-14 | 2316 | -2.99E-16 | 2418 | 7.93E-16 | 2520 | 5.84E-15 | 2622 | 1.08E-14 | 2724 | 9.69E-15 | 2826 | 2.38E-14 | 2928 | 3.67E-14 | 3030 | 5.41E-14 | 3132 | 9.04E-14 |
| 2012 | 1.50E-14 | 2114 | 1.62E-14 | 2216 | -4.19E-14 | 2318 | -5.84E-15 | 2420 | 2.26E-15 | 2522 | -8.08E-15 | 2624 | 9.48E-15 | 2726 | 1.14E-14 | 2828 | 2.14E-14 | 2930 | 3.80E-14 | 3032 | 5.72E-14 | 3134 | 9.31E-14 |
| 2014 | 2.37E-14 | 2116 | -7.60E-15 | 2218 | -4.30E-14 | 2320 | -1.19E-14 | 2422 | 1.35E-15 | 2524 | -6.11E-15 | 2626 | 7.65E-15 | 2728 | 1.58E-14 | 2830 | 1.65E-14 | 2932 | 3.42E-14 | 3034 | 6.05E-14 | 3136 | 1.03E-13 |
| 2016 | 4.99E-14 | 2118 | -8.30E-15 | 2220 | -2.07E-14 | 2322 | 2.17E-16 | 2424 | 3.16E-16 | 2526 | -4.49E-15 | 2628 | 4.33E-15 | 2730 | 1.92E-14 | 2832 | 1.80E-14 | 2934 | 3.35E-14 | 3036 | 5.75E-14 | 3138 | 1.07E-13 |
| 2018 | 1.99E-14 | 2120 | 1.81E-14 | 2222 | -2.49E-15 | 2324 | 2.03E-14 | 2426 | -2.50E-16 | 2528 | -1.02E-15 | 2630 | 6.46E-15 | 2732 | 2.20E-14 | 2834 | 2.20E-14 | 2936 | 3.27E-14 | 3038 | 5.53E-14 | 3140 | 1.03E-13 |
| 2020 | -8.63E-15 | 2122 | -9.63E-15 | 2224 | -6.64E-15 | 2326 | 1.49E-14 | 2428 | -7.04E-16 | 2530 | 2.70E-15 | 2632 | 6.18E-15 | 2734 | 2.29E-14 | 2836 | 2.09E-14 | 2938 | 3.16E-14 | 3040 | 5.63E-14 | 3142 | 1.00E-13 |
| 2022 | 7.32E-15 | 2124 | -7.50E-15 | 2226 | -1.58E-14 | 2328 | 1.01E-14 | 2430 | -5.28E-15 | 2532 | 2.92E-15 | 2634 | 3.63E-15 | 2736 | 2.27E-14 | 2838 | 1.89E-14 | 2940 | 3.12E-14 | 3042 | 5.37E-14 | 3144 | 9.96E-14 |
| 2024 | 1.90E-14 | 2126 | 1.63E-14 | 2228 | -4.45E-15 | 2330 | 1.36E-14 | 2432 | -8.77E-15 | 2534 | 2.77E-15 | 2636 | 7.41E-15 | 2738 | 2.08E-14 | 2840 | 1.92E-14 | 2942 | 3.29E-14 | 3044 | 4.71E-14 | 3146 | 1.06E-13 |
| 2026 | 1.35E-14 | 2128 | 4.06E-15 | 2230 | 1.18E-14 | 2332 | 1.86E-14 | 2434 | -5.53E-16 | 2536 | 5.82E-16 | 2638 | 6.99E-15 | 2740 | 1.90E-14 | 2842 | 1.84E-14 | 2944 | 3.95E-14 | 3046 | 4.16E-14 | 3148 | 1.11E-13 |
| 2028 | 1.35E-14 | 2130 | -2.63E-14 | 2232 | 2.81E-14 | 2334 | 8.48E-15 | 2436 | -4.38E-15 | 2538 | -3.04E-15 | 2640 | 3.53E-15 | 2742 | 1.87E-14 | 2844 | 2.27E-14 | 2946 | 3.65E-14 | 3048 | 3.92E-14 | 3150 | 1.08E-13 |
| 2030 | 2.58E-14 | 2132 | -1.28E-14 | 2234 | -4.78E-15 | 2336 | 1.08E-14 | 2438 | 2.47E-15 | 2540 | 1.71E-15 | 2642 | 6.36E-15 | 2744 | 1.92E-14 | 2846 | 2.49E-14 | 2948 | 3.15E-14 | 3050 | 3.33E-14 | 3152 | 1.15E-13 |
| 2032 | 1.44E-14 | 2134 | 9.76E-15 | 2236 | -4.47E-14 | 2338 | 5.87E-15 | 2440 | 7.92E-15 | 2542 | 4.50E-15 | 2644 | 1.05E-14 | 2746 | 1.92E-14 | 2848 | 2.29E-14 | 2950 | 3.33E-14 | 3052 | 2.72E-14 | 3154 | 1.19E-13 |
| 2034 | -1.09E-14 | 2136 | -6.36E-15 | 2238 | -2.05E-14 | 2340 | -7.30E-15 | 2442 | 2.80E-15 | 2544 | 6.74E-16 | 2646 | 1.12E-14 | 2748 | 1.78E-14 | 2850 | | 2952 | 3.40E-14 | 3054 | | 3156 | 1.14E-13 |
| 2036 | 2.23E-14 | 2138 | -2.15E-14 | 2240 | 1.57E-14 | 2342 | -4.15E-15 | 2444 | 2.53E-16 | 2546 | 6.46E-15 | 2648 | 1.16E-14 | 2750 | 1.94E-14 | 2852 | | 2954 | 2.82E-14 | 3056 | | 3158 | 1.16E-13 |
| 2038 | 3.46E-14 | 2140 | -1.42E-14 | 2242 | 5.00E-15 | 2344 | 4.67E-15 | 2446 | -4.20E-15 | 2548 | 9.20E-15 | 2650 | 1.37E-14 | 2752 | 1.82E-14 | 2854 | | 2956 | 2.40E-14 | 3058 | | 3160 | 1.25E-13 |
| 2040 | -3.13E-16 | 2142 | -1.36E-14 | 2244 | -1.03E-15 | 2346 | 1.81E-14 | 2448 | -7.96E-15 | 2550 | 1.11E-14 | 2652 | 1.63E-14 | 2754 | 2.04E-14 | 2856 | | 2958 | 2.60E-14 | 3060 | | 3162 | 1.33E-13 |
| 2042 | 1.19E-14 | 2144 | -1.53E-14 | 2246 | 4.62E-15 | 2348 | 1.07E-14 | 2450 | -5.38E-15 | 2552 | 5.09E-15 | 2654 | 1.36E-14 | 2756 | 2.71E-14 | 2858 | 2.03E-14 | 2960 | 3.13E-14 | 3062 | 3.47E-14 | 3164 | 1.43E-13 |
| 2044 | -6.18E-15 | 2146 | -1.69E-14 | 2248 | 1.01E-14 | 2350 | 3.94E-15 | 2452 | 2.60E-15 | 2554 | 4.01E-15 | 2656 | 9.82E-15 | 2758 | 2.98E-14 | 2860 | 2.16E-14 | 2962 | 3.45E-14 | 3064 | 4.02E-14 | 3166 | 1.53E-13 |
| 2046 | -2.31E-14 | 2148 | 3.75E-14 | 2250 | 3.09E-15 | 2352 | -1.39E-15 | 2454 | 1.68E-15 | 2556 | 2.67E-15 | 2658 | 9.92E-15 | 2760 | 2.66E-14 | 2862 | 1.97E-14 | 2964 | 3.33E-14 | 3066 | 3.97E-14 | 3168 | 1.55E-13 |
| 2048 | -2.32E-14 | 2150 | 3.42E-14 | 2252 | -2.59E-15 | 2354 | 1.41E-14 | 2456 | -3.84E-15 | 2558 | 1.76E-15 | 2660 | 1.27E-14 | 2762 | 2.21E-14 | 2864 | 1.92E-14 | 2966 | 3.09E-14 | 3068 | 4.15E-14 | 3170 | 1.54E-13 |
| 2050 | -8.42E-15 | 2152 | -3.67E-15 | 2254 | 5.51E-15 | 2356 | 1.48E-14 | 2458 | -1.21E-15 | 2560 | 1.19E-15 | 2662 | 1.31E-14 | 2764 | 1.96E-14 | 2866 | 2.51E-14 | 2968 | 2.83E-14 | 3070 | 4.80E-14 | 3172 | 1.56E-13 |
| 2052 | 4.94E-15 | 2154 | -5.38E-15 | 2256 | 2.59E-14 | 2358 | -6.43E-16 | 2460 | 7.03E-15 | 2562 | 7.01E-16 | 2664 | 1.31E-14 | 2766 | 2.26E-14 | 2868 | 2.77E-14 | 2970 | 2.85E-14 | 3072 | 5.22E-14 | 3174 | 1.55E-13 |
| 2054 | 1.15E-15 | 2156 | -1.97E-14 | 2258 | 8.88E-15 | 2360 | -6.29E-16 | 2462 | 5.58E-15 | 2564 | 1.43E-15 | 2666 | 1.06E-14 | 2768 | 2.39E-14 | 2870 | 2.76E-14 | 2972 | 3.30E-14 | 3074 | 5.70E-14 | 3176 | 1.63E-13 |
| 2056 | 4.74E-15 | 2158 | -5.64E-15 | 2260 | -5.87E-15 | 2362 | -4.18E-15 | 2464 | 5.76E-15 | 2566 | 1.60E-15 | 2668 | 1.27E-14 | 2770 | 2.18E-14 | 2872 | 2.97E-14 | 2974 | 3.81E-14 | 3076 | 6.15E-14 | 3178 | 1.63E-13 |
| 2058 | -2.26E-14 | 2160 | 1.52E-15 | 2262 | -1.11E-14 | 2364 | -5.66E-15 | 2466 | 5.24E-15 | 2568 | 3.39E-15 | 2670 | 1.61E-14 | 2772 | 2.30E-14 | 2874 | 2.89E-14 | 2976 | 4.37E-14 | 3078 | 5.85E-14 | 3180 | 1.63E-13 |
| 2060 | -1.27E-14 | 2162 | -1.91E-14 | 2264 | -2.29E-14 | 2366 | 3.75E-15 | 2468 | 1.22E-14 | 2570 | 2.72E-15 | 2672 | 1.82E-14 | 2774 | 2.41E-14 | 2876 | 2.84E-14 | 2978 | 4.40E-14 | 3080 | 5.75E-14 | 3182 | 1.63E-13 |
| 2062 | -3.67E-14 | 2164 | -2.36E-14 | 2266 | -1.19E-14 | 2368 | 6.86E-15 | 2470 | 6.72E-15 | 2572 | -4.53E-16 | 2674 | 1.38E-14 | 2776 | 2.23E-14 | 2878 | 2.81E-14 | 2980 | 4.37E-14 | 3082 | 6.11E-14 | 3184 | 1.54E-13 |
| 2064 | -4.30E-14 | 2166 | -8.83E-15 | 2268 | -1.11E-15 | 2370 | -1.39E-15 | 2472 | -3.75E-16 | 2574 | 8.02E-16 | 2676 | 1.18E-14 | 2778 | 2.39E-14 | 2880 | 2.89E-14 | 2982 | 4.21E-14 | 3084 | 6.35E-14 | 3186 | 1.43E-13 |
| 2066 | -5.00E-15 | 2168 | -5.43E-15 | 2270 | -1.31E-14 | 2372 | -2.76E-15 | 2474 | 1.63E-15 | 2576 | -1.71E-15 | 2678 | 1.32E-14 | 2780 | 2.73E-14 | 2882 | 2.97E-14 | 2984 | 3.73E-14 | 3086 | 5.97E-14 | 3188 | 1.43E-13 |
| 2068 | -8.57E-16 | 2170 | -5.56E-15 | 2272 | -1.93E-14 | 2374 | -1.32E-15 | 2476 | -5.60E-16 | 2578 | -1.51E-15 | 2680 | 1.24E-14 | 2782 | 2.77E-14 | 2884 | 2.87E-14 | 2986 | 3.95E-14 | 3088 | 5.74E-14 | 3190 | 1.51E-13 |
| 2070 | -8.58E-15 | 2172 | -1.67E-14 | 2274 | -1.99E-15 | 2376 | 1.10E-14 | 2478 | -3.06E-15 | 2580 | 2.38E-15 | 2682 | 1.20E-14 | 2784 | 2.59E-14 | 2886 | 3.04E-14 | 2988 | 4.24E-14 | 3090 | 5.39E-14 | 3192 | 1.61E-13 |
| 2072 | -6.40E-15 | 2174 | -2.56E-15 | 2276 | 1.62E-14 | 2378 | -6.70E-15 | 2480 | 1.37E-15 | 2582 | 7.45E-15 | 2684 | 1.13E-14 | 2786 | 2.74E-14 | 2888 | 3.10E-14 | 2990 | 3.66E-14 | 3092 | 4.84E-14 | 3194 | 1.65E-13 |
| 2074 | -1.32E-14 | 2176 | 7.17E-15 | 2278 | 9.60E-17 | 2380 | -3.02E-15 | 2482 | -2.82E-15 | 2584 | 7.09E-15 | 2686 | 9.74E-15 | 2788 | 3.02E-14 | 2890 | 3.34E-14 | 2992 | 3.30E-14 | 3094 | 4.71E-14 | 3196 | 1.60E-13 |
| 2076 | 1.43E-14 | 2178 | -1.99E-14 | 2280 | -2.54E-14 | 2382 | 1.03E-14 | 2484 | -9.40E-16 | 2586 | 4.39E-15 | 2688 | 9.14E-15 | 2790 | 3.42E-14 | 2892 | 3.63E-14 | 2994 | 3.57E-14 | 3096 | 4.89E-14 | 3198 | 1.49E-13 |


HD 206936 M2 Ia
V=4.08 (B−V)=2.35 E(B−V)=0.70
LAP: LWP 13554
FLUX ($10^{-14}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
5
10
15
20
1800
2000
2200
2400
2600
2800
3000
3200

**HD 224427 M3 III V=4.66 (B-V)=1.59 E(B-V)=-0.01**

**LAP: LWP 14388**

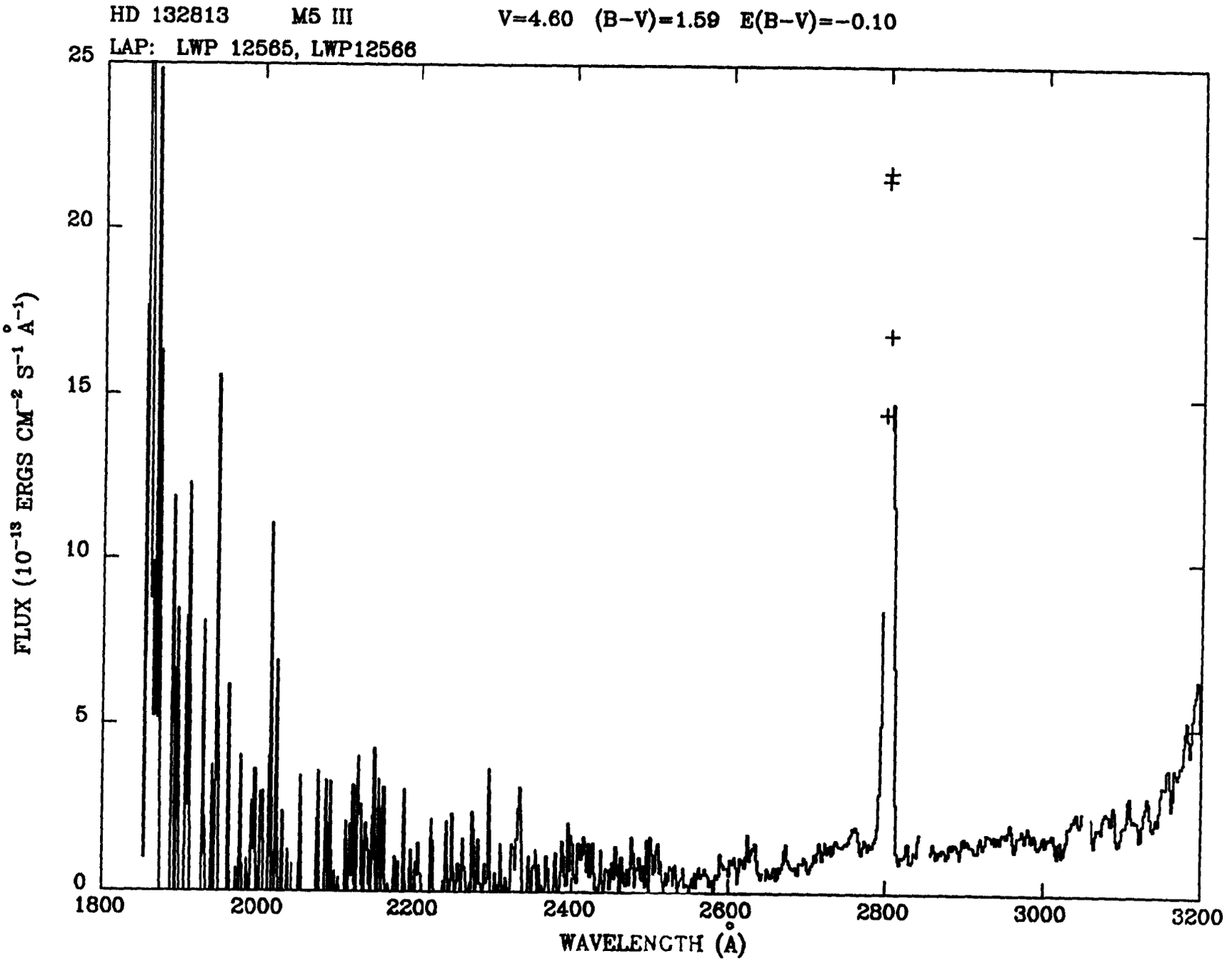
| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 5.28E-14 | 2078 | 3.17E-13 | 2180 | 6.61E-14 | 2282 | 2.34E-13 | 2384 | 8.17E-14 | 2486 | 1.42E-13 | 2588 | 1.78E-13 | 2690 | 3.37E-13 | 2792 | 2.83E-13 | 2894 | 4.40E-13 | 2996 | 6.06E-13 | 3098 | 5.96E-13 |
| 1978 | 9.78E-14 | 2080 | 1.66E-13 | 2182 | 7.34E-14 | 2284 | 2.26E-13 | 2386 | 8.26E-14 | 2488 | 1.51E-13 | 2590 | 1.71E-13 | 2692 | 3.21E-13 | 2794 | 3.37E-13 | 2896 | 4.55E-13 | 2998 | 6.07E-13 | 3100 | 6.20E-13 |
| 1980 | -1.19E-13 | 2082 | -5.27E-15 | 2184 | 1.82E-13 | 2286 | 2.57E-13 | 2388 | 1.00E-13 | 2490 | 1.33E-13 | 2592 | 1.84E-13 | 2694 | 3.25E-13 | 2796 | 4.36E-13 | 2898 | 5.17E-13 | 3000 | 5.92E-13 | 3102 | 6.36E-13 |
| 1982 | -4.66E-14 | 2084 | 5.93E-14 | 2186 | 2.68E-13 | 2288 | 1.95E-13 | 2390 | 1.12E-13 | 2492 | 8.60E-14 | 2594 | 2.00E-13 | 2696 | 3.28E-13 | 2798 | 6.14E-13 | 2900 | 5.49E-13 | 3002 | 5.74E-13 | 3104 | 6.29E-13 |
| 1984 | -1.80E-14 | 2086 | 1.95E-13 | 2188 | 2.66E-13 | 2290 | 1.18E-13 | 2392 | 1.06E-13 | 2494 | 9.61E-14 | 2596 | 2.05E-13 | 2698 | 3.15E-13 | 2800 | 6.56E-13 | 2902 | 5.51E-13 | 3004 | 5.52E-13 | 3106 | 6.65E-13 |
| 1986 | 1.16E-14 | 2088 | 7.73E-14 | 2190 | 3.09E-14 | 2292 | 8.16E-14 | 2394 | 1.33E-13 | 2496 | 1.17E-13 | 2598 | 1.97E-13 | 2700 | 3.20E-13 | 2802 | 5.52E-13 | 2904 | 5.69E-13 | 3006 | 5.49E-13 | 3108 | 7.46E-13 |
| 1988 | 1.94E-14 | 2090 | -2.99E-14 | 2192 | -5.78E-14 | 2294 | 1.89E-13 | 2396 | 1.43E-13 | 2498 | 1.19E-13 | 2600 | 1.50E-13 | 2702 | 3.35E-13 | 2804 | 4.82E-13 | 2906 | 5.84E-13 | 3008 | 5.62E-13 | 3110 | 8.29E-13 |
| 1990 | -1.99E-14 | 2092 | 1.73E-13 | 2194 | 3.10E-14 | 2296 | 3.01E-13 | 2398 | 1.21E-13 | 2500 | 1.17E-13 | 2602 | 1.36E-13 | 2704 | 3.45E-13 | 2806 | 4.61E-13 | 2908 | 5.81E-13 | 3010 | 5.89E-13 | 3112 | 8.52E-13 |
| 1992 | 6.89E-15 | 2094 | 1.25E-13 | 2196 | 2.99E-14 | 2298 | 2.12E-13 | 2400 | 1.20E-13 | 2502 | 1.41E-13 | 2604 | 1.45E-13 | 2706 | 3.52E-13 | 2808 | 4.12E-13 | 2910 | 5.75E-13 | 3012 | 6.19E-13 | 3114 | 8.21E-13 |
| 1994 | 1.25E-13 | 2096 | -2.66E-14 | 2198 | 1.44E-13 | 2300 | 9.23E-14 | 2402 | 1.04E-13 | 2504 | 1.52E-13 | 2606 | 1.65E-13 | 2708 | 3.36E-13 | 2810 | 3.25E-13 | 2912 | 5.64E-13 | 3014 | 6.08E-13 | 3116 | 7.64E-13 |
| 1996 | 1.42E-13 | 2098 | 2.23E-13 | 2200 | 2.20E-13 | 2302 | 7.73E-14 | 2404 | 9.62E-14 | 2506 | 1.30E-13 | 2608 | 1.61E-13 | 2710 | 3.40E-13 | 2812 | 2.81E-13 | 2914 | 5.48E-13 | 3016 | 5.96E-13 | 3118 | 7.07E-13 |
| 1998 | 5.77E-14 | 2100 | 1.71E-13 | 2202 | 1.13E-13 | 2304 | 1.27E-13 | 2406 | 4.57E-14 | 2508 | 1.39E-13 | 2610 | 1.29E-13 | 2712 | 3.55E-13 | 2814 | 2.63E-13 | 2916 | 5.26E-13 | 3018 | 5.66E-13 | 3120 | 6.79E-13 |
| 2000 | 1.57E-13 | 2102 | 7.05E-14 | 2204 | 2.18E-13 | 2306 | 1.46E-13 | 2408 | 1.21E-13 | 2510 | 1.87E-13 | 2612 | 1.18E-13 | 2714 | 3.57E-13 | 2816 | 2.81E-13 | 2918 | 5.24E-13 | 3020 | 5.44E-13 | 3122 | 7.04E-13 |
| 2002 | 2.39E-14 | 2104 | 1.13E-13 | 2206 | 1.68E-13 | 2308 | 1.37E-13 | 2410 | 1.39E-13 | 2512 | 2.01E-13 | 2614 | 1.36E-13 | 2716 | 3.50E-13 | 2818 | 3.22E-13 | 2920 | 5.43E-13 | 3022 | 5.57E-13 | 3124 | 7.45E-13 |
| 2004 | 1.36E-13 | 2106 | 5.70E-15 | 2208 | 1.95E-13 | 2310 | 1.70E-13 | 2412 | 6.66E-14 | 2514 | 1.56E-13 | 2616 | 1.49E-13 | 2718 | 3.28E-13 | 2820 | 3.50E-13 | 2922 | 5.70E-13 | 3024 | 5.76E-13 | 3126 | 7.80E-13 |
| 2006 | 1.46E-14 | 2108 | -5.79E-14 | 2210 | 2.08E-13 | 2312 | 1.59E-13 | 2414 | 5.67E-14 | 2516 | 1.31E-13 | 2618 | 1.55E-13 | 2720 | 3.11E-13 | 2822 | 3.67E-13 | 2924 | 5.44E-13 | 3026 | 5.98E-13 | 3128 | 7.74E-13 |
| 2008 | -1.09E-13 | 2110 | 5.57E-14 | 2212 | 1.04E-13 | 2314 | 9.87E-14 | 2416 | 8.44E-14 | 2518 | 1.01E-13 | 2620 | 1.61E-13 | 2722 | 3.04E-13 | 2824 | 3.95E-13 | 2926 | 5.14E-13 | 3028 | 6.14E-13 | 3130 | 7.58E-13 |
| 2010 | -9.40E-14 | 2112 | 1.32E-13 | 2214 | 8.56E-14 | 2316 | 8.22E-14 | 2418 | 1.45E-13 | 2520 | 8.45E-14 | 2622 | 1.74E-13 | 2724 | 3.19E-13 | 2826 | 4.19E-13 | 2928 | 5.16E-13 | 3030 | 6.36E-13 | 3132 | 7.64E-13 |
| 2012 | -1.16E-13 | 2114 | 3.19E-16 | 2216 | 2.15E-13 | 2318 | 1.84E-13 | 2420 | 1.94E-13 | 2522 | 7.53E-14 | 2624 | 1.91E-13 | 2726 | 3.30E-13 | 2828 | 4.25E-13 | 2930 | 5.19E-13 | 3032 | 6.55E-13 | 3134 | 7.49E-13 |
| 2014 | 1.31E-13 | 2116 | 1.56E-13 | 2218 | 2.18E-13 | 2320 | 1.41E-13 | 2422 | 2.13E-13 | 2524 | 7.01E-14 | 2626 | 2.02E-13 | 2728 | 2.94E-13 | 2830 | 4.24E-13 | 2932 | 5.24E-13 | 3034 | 6.40E-13 | 3136 | 7.38E-13 |
| 2016 | 3.70E-13 | 2118 | 2.02E-13 | 2220 | 6.75E-14 | 2322 | 1.07E-13 | 2424 | 2.02E-13 | 2526 | 8.63E-14 | 2628 | 1.99E-13 | 2730 | 2.90E-13 | 2832 | 4.13E-13 | 2934 | 5.31E-13 | 3036 | 6.41E-13 | 3138 | 7.77E-13 |
| 2018 | 1.08E-13 | 2120 | 1.81E-13 | 2222 | 7.17E-14 | 2324 | 1.72E-13 | 2426 | 1.66E-13 | 2528 | 9.48E-14 | 2630 | 1.85E-13 | 2732 | 3.17E-13 | 2834 | 4.35E-13 | 2936 | 5.22E-13 | 3038 | 6.33E-13 | 3140 | 8.28E-13 |
| 2020 | 4.13E-14 | 2122 | 5.70E-13 | 2224 | 1.88E-13 | 2326 | 2.23E-13 | 2428 | 1.48E-13 | 2530 | 7.68E-14 | 2632 | 1.63E-13 | 2734 | 3.41E-13 | 2836 | 4.17E-13 | 2938 | 5.30E-13 | 3040 | 6.12E-13 | 3142 | 8.51E-13 |
| 2022 | 5.04E-14 | 2124 | 1.93E-13 | 2226 | 1.29E-13 | 2328 | 1.90E-13 | 2430 | 1.58E-13 | 2532 | 8.45E-14 | 2634 | 1.56E-13 | 2736 | 3.39E-13 | 2838 | 3.67E-13 | 2940 | 5.17E-13 | 3042 | 6.00E-13 | 3144 | 8.34E-13 |
| 2024 | 2.09E-13 | 2126 | 1.27E-13 | 2228 | 6.15E-14 | 2330 | 2.17E-13 | 2432 | 1.47E-13 | 2534 | 1.26E-13 | 2636 | 2.26E-13 | 2738 | 3.21E-13 | 2840 | 3.58E-13 | 2942 | 5.02E-13 | 3044 | 6.01E-13 | 3146 | 8.17E-13 |
| 2026 | 2.10E-13 | 2128 | 4.08E-13 | 2230 | 1.83E-13 | 2332 | 1.74E-13 | 2434 | 1.76E-13 | 2536 | 1.09E-13 | 2638 | 2.80E-13 | 2740 | 2.96E-13 | 2842 | 3.79E-13 | 2944 | 5.13E-13 | 3046 | 6.39E-13 | 3148 | 8.34E-13 |
| 2028 | 1.07E-13 | 2130 | 2.34E-13 | 2232 | 2.49E-13 | 2334 | 1.44E-13 | 2436 | 1.51E-13 | 2538 | 9.37E-14 | 2640 | 3.09E-13 | 2742 | 2.67E-13 | 2844 | 4.01E-13 | 2946 | 5.08E-13 | 3048 | 6.70E-13 | 3150 | 8.29E-13 |
| 2030 | 5.16E-14 | 2132 | 6.34E-14 | 2234 | 1.01E-13 | 2336 | 2.01E-13 | 2438 | 1.95E-13 | 2540 | 1.22E-13 | 2642 | 3.29E-13 | 2744 | 2.31E-13 | 2846 | 3.94E-13 | 2948 | 5.02E-13 | 3050 | 6.62E-13 | 3152 | 7.95E-13 |
| 2032 | -3.78E-15 | 2134 | 2.58E-14 | 2236 | 7.28E-14 | 2338 | 1.86E-13 | 2440 | 1.93E-13 | 2542 | 1.08E-13 | 2644 | 3.29E-13 | 2746 | 2.24E-13 | 2848 | | 2950 | 5.14E-13 | 3052 | 6.50E-13 | 3154 | 7.58E-13 |
| 2034 | -1.10E-13 | 2136 | 8.25E-14 | 2238 | 1.27E-13 | 2340 | 1.51E-13 | 2442 | 1.48E-13 | 2544 | 1.06E-13 | 2646 | | 2748 | 2.31E-13 | 2850 | | 2952 | 5.14E-13 | 3054 | | 3156 | 7.31E-13 |
| 2036 | 3.92E-14 | 2138 | 2.07E-13 | 2240 | 2.41E-13 | 2342 | 1.51E-13 | 2444 | 1.48E-13 | 2546 | 8.98E-14 | 2648 | | 2750 | 2.26E-13 | 2852 | | 2954 | 5.33E-13 | 3056 | | 3158 | 7.39E-13 |
| 2038 | 4.30E-14 | 2140 | 1.73E-13 | 2242 | 2.02E-13 | 2344 | 1.53E-13 | 2446 | 1.83E-13 | 2548 | 9.63E-14 | 2650 | 3.40E-13 | 2752 | 2.17E-13 | 2854 | | 2956 | 5.60E-13 | 3058 | | 3160 | 7.35E-13 |
| 2040 | -7.77E-14 | 2142 | 1.97E-13 | 2244 | 1.38E-13 | 2346 | 1.11E-13 | 2448 | 1.75E-13 | 2550 | 1.09E-13 | 2652 | 3.34E-13 | 2754 | 2.42E-13 | 2856 | | 2958 | 6.09E-13 | 3060 | | 3162 | 7.38E-13 |
| 2042 | -3.04E-15 | 2144 | 1.12E-13 | 2246 | 1.91E-13 | 2348 | 9.15E-14 | 2450 | 1.53E-13 | 2552 | 1.17E-13 | 2654 | 3.24E-13 | 2756 | 2.63E-13 | 2858 | 3.35E-13 | 2960 | 6.15E-13 | 3062 | 5.89E-13 | 3164 | 8.09E-13 |
| 2044 | 1.13E-13 | 2146 | 2.66E-13 | 2248 | 2.79E-13 | 2350 | 8.49E-14 | 2452 | 1.75E-13 | 2554 | 1.38E-13 | 2656 | 3.22E-13 | 2758 | 2.81E-13 | 2860 | 3.80E-13 | 2962 | 5.95E-13 | 3064 | 5.84E-13 | 3166 | 9.05E-13 |
| 2046 | 1.11E-14 | 2148 | 3.38E-13 | 2250 | 2.65E-13 | 2352 | 6.44E-14 | 2454 | 1.99E-13 | 2556 | 1.50E-13 | 2658 | 3.57E-13 | 2760 | 3.10E-13 | 2862 | 4.27E-13 | 2964 | 5.72E-13 | 3066 | 5.89E-13 | 3168 | 9.36E-13 |
| 2048 | 2.49E-14 | 2150 | 2.23E-13 | 2252 | 1.65E-13 | 2354 | 1.15E-14 | 2456 | 1.54E-13 | 2558 | 1.57E-13 | 2660 | 3.86E-13 | 2762 | 3.24E-13 | 2864 | 4.35E-13 | 2966 | 5.43E-13 | 3068 | 5.98E-13 | 3170 | 9.49E-13 |
| 2050 | -4.12E-15 | 2152 | 1.09E-13 | 2254 | 2.70E-13 | 2356 | 5.28E-14 | 2458 | 1.48E-13 | 2560 | 1.52E-13 | 2662 | 3.75E-13 | 2764 | 3.25E-13 | 2866 | 4.20E-13 | 2968 | 5.26E-13 | 3070 | 6.06E-13 | 3172 | 9.73E-13 |
| 2052 | -3.34E-14 | 2154 | 2.03E-13 | 2256 | 3.17E-13 | 2358 | 9.30E-14 | 2460 | 1.57E-13 | 2562 | 1.56E-13 | 2664 | 3.22E-13 | 2766 | 3.21E-13 | 2868 | 4.14E-13 | 2970 | 5.11E-13 | 3072 | 6.40E-13 | 3174 | 9.71E-13 |
| 2054 | 1.14E-13 | 2156 | 1.63E-13 | 2258 | 2.49E-13 | 2360 | 1.47E-13 | 2462 | 1.45E-13 | 2564 | 1.81E-13 | 2666 | 2.95E-13 | 2768 | 3.31E-13 | 2870 | 4.37E-13 | 2972 | 5.01E-13 | 3074 | 6.62E-13 | 3176 | 9.53E-13 |
| 2056 | 2.32E-13 | 2158 | 8.56E-14 | 2260 | 1.13E-13 | 2362 | 1.32E-13 | 2464 | 1.16E-13 | 2566 | 1.63E-13 | 2668 | 2.99E-13 | 2770 | 3.42E-13 | 2872 | 4.58E-13 | 2974 | 5.44E-13 | 3076 | 6.78E-13 | 3178 | 9.52E-13 |
| 2058 | 2.47E-13 | 2160 | 2.03E-13 | 2262 | 7.40E-14 | 2364 | 7.76E-14 | 2466 | 1.25E-13 | 2568 | 1.62E-13 | 2670 | 3.01E-13 | 2772 | 3.43E-13 | 2874 | 4.63E-13 | 2976 | 5.92E-13 | 3078 | 6.81E-13 | 3180 | 9.57E-13 |
| 2060 | 1.59E-13 | 2162 | 1.20E-13 | 2264 | 2.23E-13 | 2366 | 1.04E-13 | 2468 | 1.39E-13 | 2570 | 1.65E-13 | 2672 | 3.06E-13 | 2774 | 3.57E-13 | 2876 | 4.36E-13 | 2978 | 5.92E-13 | 3080 | 6.80E-13 | 3182 | 9.77E-13 |
| 2062 | 5.54E-14 | 2164 | 8.43E-14 | 2266 | 2.62E-13 | 2368 | 1.36E-13 | 2470 | 1.65E-13 | 2572 | 1.80E-13 | 2674 | 3.13E-13 | 2776 | 3.36E-13 | 2878 | 4.07E-13 | 2980 | 5.91E-13 | 3082 | 7.04E-13 | 3184 | 9.99E-13 |
| 2064 | -6.89E-14 | 2166 | 1.13E-13 | 2268 | 1.35E-13 | 2370 | 1.05E-13 | 2472 | 1.32E-13 | 2574 | 2.16E-13 | 2676 | 3.18E-13 | 2778 | 3.29E-13 | 2880 | 3.82E-13 | 2982 | 5.67E-13 | 3084 | 7.28E-13 | 3186 | 1.03E-12 |
| 2066 | 9.33E-14 | 2168 | 7.19E-14 | 2270 | 9.86E-14 | 2372 | 1.26E-13 | 2474 | 1.19E-13 | 2576 | 2.05E-13 | 2678 | 3.24E-13 | 2780 | 3.25E-13 | 2882 | 3.98E-13 | 2984 | 5.13E-13 | 3086 | 7.15E-13 | 3188 | 9.96E-13 |
| 2068 | 1.70E-13 | 2170 | 1.47E-13 | 2272 | 9.58E-14 | 2374 | 1.38E-13 | 2476 | 9.73E-14 | 2578 | 1.47E-13 | 2680 | 3.21E-13 | 2782 | 3.09E-13 | 2884 | 4.33E-13 | 2986 | 5.09E-13 | 3088 | 7.03E-13 | 3190 | 9.51E-13 |
| 2070 | 2.19E-14 | 2172 | 1.27E-13 | 2274 | 8.30E-14 | 2376 | 1.70E-13 | 2478 | 1.41E-13 | 2580 | 1.79E-13 | 2682 | 3.22E-13 | 2784 | 3.01E-13 | 2886 | 4.42E-13 | 2988 | 5.34E-13 | 3090 | 7.27E-13 | 3192 | 8.53E-13 |
| 2072 | 5.43E-14 | 2174 | 1.25E-13 | 2276 | 1.45E-13 | 2378 | 1.05E-13 | 2480 | 1.34E-13 | 2582 | 1.74E-13 | 2684 | 3.14E-13 | 2786 | 2.88E-13 | 2888 | 4.65E-13 | 2990 | 5.58E-13 | 3092 | 6.90E-13 | 3194 | 7.98E-13 |
| 2074 | 2.48E-14 | 2176 | 2.41E-13 | 2278 | 9.52E-14 | 2380 | 4.98E-14 | 2482 | 7.39E-14 | 2584 | 1.61E-13 | 2686 | 3.10E-13 | 2788 | 2.83E-13 | 2890 | 4.78E-13 | 2992 | 5.65E-13 | 3094 | 6.37E-13 | 3196 | 8.15E-13 |
| 2076 | 2.20E-13 | 2178 | 2.27E-13 | 2280 | 7.36E-14 | 2382 | 1.07E-13 | 2484 | 9.13E-14 | 2586 | 1.87E-13 | 2688 | 3.29E-13 | 2790 | 2.80E-13 | 2892 | 4.77E-13 | 2994 | 5.83E-13 | 3096 | 6.09E-13 | 3198 | 8.33E-13 |


HD 224427 M3 III V=4.66 (B-V)=1.59 E(B-V)=-0.01
LAP: LWP 14388
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $\AA^{-1}$)
WAVELENGTH (Å)
0
3
6
9
12
1800
2000
2200
2400
2600
2800
3000
3200

**HD 132813 M5 III V=4.60 (B-V)=1.59 E(B-V)=-0.10**

**LAP: LWP 12565, LWP 12566**

| WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX | WAVE | FLUX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | 2.09E-13 | 2078 | -7.17E-14 | 2180 | -1.72E-13 | 2282 | 7.65E-14 | 2384 | -1.76E-14 | 2486 | 9.29E-14 | 2588 | 7.16E-14 | 2690 | 8.35E-14 | 2792 | 3.81E-13 | 2894 | 1.09E-13 | 2996 | 1.48E-13 | 3098 | 1.76E-13 |
| 1978 | -4.93E-14 | 2080 | -1.26E-13 | 2182 | -6.41E-14 | 2284 | 2.41E-14 | 2386 | 8.46E-14 | 2488 | 5.73E-14 | 2590 | 1.06E-13 | 2692 | 9.01E-14 | 2794 | 6.59E-13 | 2896 | 1.36E-13 | 2998 | 1.62E-13 | 3100 | 2.04E-13 |
| 1980 | -2.05E-13 | 2082 | -1.19E-13 | 2184 | 1.10E-14 | 2286 | -6.00E-14 | 2388 | 1.38E-13 | 2490 | 3.70E-14 | 2592 | 8.71E-14 | 2694 | 8.87E-14 | 2796 | 8.49E-13 | 2898 | 1.64E-13 | 3000 | 1.74E-13 | 3102 | 2.09E-13 |
| 1982 | 9.61E-15 | 2084 | 2.01E-13 | 2186 | 2.35E-13 | 2288 | 4.90E-14 | 2390 | 8.77E-14 | 2492 | 7.75E-14 | 2594 | 7.95E-14 | 2696 | 1.07E-13 | 2798 | | 2900 | 1.64E-13 | 3002 | 1.55E-13 | 3104 | 2.13E-13 |
| 1984 | 6.02E-14 | 2086 | 2.33E-13 | 2188 | -8.89E-14 | 2290 | 3.49E-14 | 2392 | 3.60E-14 | 2494 | 2.69E-14 | 2596 | 7.35E-14 | 2698 | 9.30E-14 | 2800 | | 2902 | 1.50E-13 | 3004 | 1.58E-13 | 3106 | 2.45E-13 |
| 1986 | -8.49E-14 | 2088 | -1.79E-13 | 2190 | -2.91E-13 | 2292 | 3.77E-14 | 2394 | 1.12E-13 | 2496 | 1.52E-13 | 2598 | 7.35E-14 | 2700 | 6.92E-14 | 2802 | | 2904 | 1.58E-13 | 3006 | 1.69E-13 | 3108 | 2.89E-13 |
| 1988 | -2.33E-15 | 2090 | 2.36E-13 | 2192 | -1.15E-13 | 2294 | 3.47E-13 | 2396 | 1.26E-13 | 2498 | 1.01E-13 | 2600 | 5.95E-14 | 2702 | 6.51E-14 | 2804 | 1.41E-12 | 2906 | 1.50E-13 | 3008 | 1.66E-13 | 3110 | 2.70E-13 |
| 1990 | 2.54E-13 | 2092 | 1.34E-13 | 2194 | 9.93E-14 | 2296 | -2.82E-14 | 2398 | 1.32E-13 | 2500 | 4.27E-14 | 2602 | 8.69E-14 | 2704 | 7.81E-14 | 2806 | 1.47E-12 | 2908 | 1.43E-13 | 3010 | 1.78E-13 | 3112 | 2.30E-13 |
| 1992 | 1.60E-13 | 2094 | -3.16E-13 | 2196 | -8.52E-14 | 2298 | -2.20E-13 | 2400 | 1.52E-13 | 2502 | 1.49E-13 | 2604 | 8.91E-14 | 2706 | 8.84E-14 | 2808 | 1.20E-12 | 2910 | 1.41E-13 | 3012 | 1.76E-13 | 3114 | 2.26E-13 |
| 1994 | 3.00E-13 | 2096 | 5.24E-14 | 2198 | -1.01E-13 | 2300 | -3.75E-14 | 2402 | 7.55E-14 | 2504 | 9.42E-14 | 2606 | 8.67E-14 | 2708 | 1.05E-13 | 2810 | 6.81E-13 | 2912 | 1.33E-13 | 3014 | 1.52E-13 | 3116 | 2.23E-13 |
| 1996 | -5.73E-14 | 2098 | 1.19E-15 | 2200 | 5.83E-14 | 2302 | 4.50E-14 | 2404 | 4.25E-14 | 2506 | 5.87E-14 | 2608 | 1.05E-13 | 2710 | 1.07E-13 | 2812 | 2.54E-13 | 2914 | 1.26E-13 | 3016 | 1.23E-13 | 3118 | 2.23E-13 |
| 1998 | -3.06E-13 | 2100 | -3.41E-14 | 2202 | 5.80E-14 | 2304 | 7.99E-16 | 2406 | 3.15E-14 | 2508 | 9.35E-14 | 2610 | 7.48E-14 | 2712 | 1.13E-13 | 2814 | 1.21E-13 | 2916 | 1.26E-13 | 3018 | 1.25E-13 | 3120 | 2.11E-13 |
| 2000 | 1.62E-13 | 2102 | -1.16E-14 | 2204 | 1.30E-13 | 2306 | -6.64E-15 | 2408 | 1.39E-13 | 2510 | 1.38E-13 | 2612 | 3.62E-14 | 2714 | 1.40E-13 | 2816 | 9.98E-14 | 2918 | 1.48E-13 | 3020 | 1.57E-13 | 3122 | 1.72E-13 |
| 2002 | 2.86E-13 | 2104 | -9.54E-14 | 2206 | 5.67E-14 | 2308 | 8.59E-14 | 2410 | 1.38E-13 | 2512 | 9.24E-14 | 2614 | 7.35E-14 | 2716 | 1.35E-13 | 2818 | 9.59E-14 | 2920 | 1.66E-13 | 3022 | 1.42E-13 | 3124 | 1.68E-13 |
| 2004 | 2.96E-13 | 2106 | -2.61E-13 | 2208 | 3.63E-14 | 2310 | 4.35E-14 | 2412 | 1.00E-13 | 2514 | 8.26E-14 | 2616 | 9.96E-14 | 2718 | 1.05E-13 | 2820 | 1.08E-13 | 2922 | 1.51E-13 | 3024 | 1.19E-13 | 3126 | 2.14E-13 |
| 2006 | -5.14E-13 | 2108 | -2.72E-13 | 2210 | -1.93E-13 | 2312 | -5.27E-14 | 2414 | 1.25E-13 | 2516 | 4.86E-14 | 2618 | 9.24E-14 | 2720 | 1.17E-13 | 2822 | 1.08E-13 | 2924 | 1.37E-13 | 3026 | 1.36E-13 | 3128 | 2.50E-13 |
| 2008 | -1.65E-13 | 2110 | 8.53E-14 | 2212 | -1.53E-13 | 2314 | 1.12E-14 | 2416 | 1.51E-13 | 2518 | -2.07E-15 | 2620 | 9.04E-14 | 2722 | 1.50E-13 | 2824 | 1.15E-13 | 2926 | 1.54E-13 | 3028 | 1.56E-13 | 3130 | 2.71E-13 |
| 2010 | -2.00E-14 | 2112 | 9.31E-16 | 2214 | -1.98E-13 | 2316 | 3.35E-14 | 2418 | 1.00E-13 | 2520 | 5.08E-14 | 2622 | 9.19E-14 | 2724 | 1.27E-13 | 2826 | 1.35E-13 | 2928 | 1.80E-13 | 3030 | 1.88E-13 | 3132 | 2.92E-13 |
| 2012 | 5.43E-13 | 2114 | 3.83E-14 | 2216 | -4.29E-14 | 2318 | -1.14E-13 | 2420 | 9.94E-14 | 2522 | 2.57E-14 | 2624 | 1.45E-13 | 2726 | 1.24E-13 | 2828 | 1.49E-13 | 2930 | 1.76E-13 | 3032 | 2.01E-13 | 3134 | 2.66E-13 |
| 2014 | 7.76E-13 | 2116 | 1.79E-13 | 2218 | -8.33E-14 | 2320 | -6.48E-14 | 2422 | 9.67E-14 | 2524 | 3.86E-14 | 2626 | 1.29E-13 | 2728 | 1.42E-13 | 2830 | 1.11E-13 | 2932 | 1.73E-13 | 3034 | 2.08E-13 | 3136 | -2.24E-13 |
| 2016 | -2.87E-13 | 2118 | 7.01E-14 | 2220 | -7.36E-16 | 2322 | 1.31E-13 | 2424 | 7.90E-14 | 2526 | 8.03E-14 | 2628 | 1.10E-13 | 2730 | 1.37E-13 | 2832 | 9.37E-14 | 2934 | 1.68E-13 | 3036 | 2.20E-13 | 3138 | 2.02E-13 |
| 2018 | -2.62E-13 | 2120 | 3.02E-13 | 2222 | 1.83E-13 | 2324 | 1.33E-13 | 2426 | 1.30E-13 | 2528 | 6.13E-14 | 2630 | 1.30E-13 | 2732 | 1.19E-13 | 2834 | 9.91E-14 | 2936 | 1.65E-13 | 3038 | 2.20E-13 | 3140 | 2.05E-13 |
| 2020 | 3.00E-13 | 2122 | 2.25E-14 | 2224 | 7.28E-14 | 2326 | 1.21E-13 | 2428 | 8.85E-14 | 2530 | 3.51E-14 | 2632 | 1.30E-13 | 2734 | 1.33E-13 | 2836 | 1.22E-13 | 2938 | 1.63E-13 | 3040 | 2.35E-13 | 3142 | 2.24E-13 |
| 2022 | 3.98E-13 | 2124 | 4.64E-14 | 2226 | -2.36E-14 | 2328 | 9.03E-14 | 2430 | 2.13E-14 | 2532 | 8.04E-14 | 2634 | 1.44E-13 | 2736 | 1.54E-13 | 2838 | 1.17E-13 | 2940 | 1.62E-13 | 3042 | 2.38E-13 | 3144 | 2.20E-13 |
| 2024 | -9.89E-14 | 2126 | 3.67E-13 | 2228 | -5.29E-14 | 2330 | 1.85E-13 | 2432 | 1.41E-14 | 2534 | 4.89E-14 | 2636 | 1.03E-13 | 2738 | 1.51E-13 | 2840 | 1.19E-13 | 2942 | 1.67E-13 | 3044 | 2.11E-13 | 3146 | 2.44E-13 |
| 2026 | -2.65E-13 | 2128 | 2.38E-13 | 2230 | -2.75E-14 | 2332 | 2.70E-13 | 2434 | -2.54E-14 | 2536 | 6.65E-15 | 2638 | 6.35E-14 | 2740 | 1.42E-13 | 2842 | 1.64E-13 | 2944 | 1.56E-13 | 3046 | 2.08E-13 | 3148 | 2.92E-13 |
| 2028 | 1.13E-13 | 2130 | 1.88E-13 | 2232 | -1.36E-13 | 2334 | 2.81E-13 | 2436 | 4.50E-14 | 2538 | 3.00E-14 | 2640 | 5.45E-14 | 2742 | 1.40E-13 | 2844 | 1.78E-13 | 2946 | 1.69E-13 | 3048 | 2.28E-13 | 3150 | 3.24E-13 |
| 2030 | 5.02E-14 | 2132 | -6.15E-14 | 2234 | -2.31E-13 | 2336 | 1.23E-13 | 2438 | 1.21E-13 | 2540 | 4.19E-14 | 2642 | 4.54E-14 | 2744 | 1.39E-13 | 2846 | | 2948 | 1.81E-13 | 3050 | 2.47E-13 | 3152 | 3.25E-13 |
| 2032 | -1.87E-13 | 2134 | -2.43E-14 | 2236 | 1.35E-14 | 2338 | -2.21E-14 | 2440 | 2.73E-14 | 2542 | 6.46E-14 | 2644 | 5.97E-14 | 2746 | 1.46E-13 | 2848 | | 2950 | 1.81E-13 | 3052 | | 3154 | 3.26E-13 |
| 2034 | -8.03E-14 | 2136 | 1.80E-13 | 2238 | -2.74E-14 | 2340 | -3.45E-14 | 2442 | -4.30E-16 | 2544 | 3.15E-14 | 2646 | | 2748 | 1.51E-13 | 2850 | | 2952 | 1.71E-13 | 3054 | | 3156 | 3.75E-13 |
| 2036 | 1.01E-13 | 2138 | 1.38E-13 | 2240 | 1.89E-13 | 2342 | -7.43E-14 | 2444 | 6.78E-14 | 2546 | 2.41E-14 | 2648 | 5.21E-14 | 2750 | 1.46E-13 | 2852 | | 2954 | 1.71E-13 | 3056 | | 3158 | 3.72E-13 |
| 2038 | -3.08E-13 | 2140 | 5.59E-14 | 2242 | 4.12E-14 | 2344 | 5.50E-14 | 2446 | 6.46E-14 | 2548 | 2.47E-14 | 2650 | 6.61E-14 | 2752 | 1.55E-13 | 2854 | | 2956 | 1.89E-13 | 3058 | | 3160 | 3.11E-13 |
| 2040 | -2.23E-13 | 2142 | -4.43E-16 | 2244 | -4.29E-14 | 2346 | 5.69E-14 | 2448 | 4.39E-14 | 2550 | -6.44E-15 | 2652 | 5.28E-14 | 2754 | 1.72E-13 | 2856 | 1.20E-13 | 2958 | 2.04E-13 | 3060 | 2.29E-13 | 3162 | 2.70E-13 |
| 2042 | -4.83E-14 | 2144 | 1.67E-13 | 2246 | 1.03E-13 | 2348 | 1.20E-14 | 2450 | 3.81E-14 | 2552 | 3.53E-14 | 2654 | 4.82E-14 | 2756 | 1.80E-13 | 2858 | 1.24E-13 | 2960 | 1.82E-13 | 3062 | 1.78E-13 | 3164 | 3.23E-13 |
| 2044 | -4.36E-13 | 2146 | 3.97E-13 | 2248 | 1.62E-13 | 2350 | 7.06E-14 | 2452 | 8.10E-14 | 2554 | 4.30E-14 | 2656 | 5.99E-14 | 2758 | 1.93E-13 | 2860 | 1.43E-13 | 2962 | 1.47E-13 | 3064 | 1.50E-13 | 3166 | 3.75E-13 |
| 2046 | -4.11E-13 | 2148 | 1.26E-13 | 2250 | 2.39E-14 | 2352 | 8.10E-14 | 2454 | 6.10E-14 | 2556 | 2.37E-14 | 2658 | 7.33E-14 | 2760 | 1.92E-13 | 2862 | 1.36E-13 | 2964 | 1.34E-13 | 3066 | 1.79E-13 | 3168 | 3.62E-13 |
| 2048 | -2.85E-13 | 2150 | -2.06E-13 | 2252 | 4.32E-15 | 2354 | 1.03E-13 | 2456 | 1.03E-13 | 2558 | 4.95E-14 | 2660 | 5.07E-14 | 2762 | 1.95E-13 | 2864 | 1.12E-13 | 2966 | 1.56E-13 | 3068 | 1.98E-13 | 3170 | 3.62E-13 |
| 2050 | -5.89E-14 | 2152 | 3.26E-13 | 2254 | 6.27E-14 | 2356 | 9.85E-16 | 2458 | 9.65E-14 | 2560 | 2.63E-14 | 2662 | 4.65E-14 | 2764 | 1.77E-13 | 2866 | 1.10E-13 | 2968 | 1.73E-13 | 3070 | 1.97E-13 | 3172 | 3.81E-13 |
| 2052 | 2.26E-13 | 2154 | 1.90E-13 | 2256 | 7.04E-14 | 2358 | 5.21E-14 | 2460 | 5.67E-14 | 2562 | 5.90E-14 | 2664 | 7.42E-14 | 2766 | 1.46E-13 | 2868 | 1.27E-13 | 2970 | 1.74E-13 | 3072 | 1.98E-13 | 3174 | 3.88E-13 |
| 2054 | 1.02E-13 | 2156 | -7.73E-14 | 2258 | -3.50E-14 | 2360 | -1.42E-14 | 2462 | 8.27E-15 | 2564 | 6.13E-14 | 2666 | 6.33E-14 | 2768 | 1.23E-13 | 2870 | 1.23E-13 | 2972 | 1.84E-13 | 3074 | 1.97E-13 | 3176 | 3.96E-13 |
| 2056 | -4.50E-14 | 2158 | 2.44E-13 | 2260 | 1.13E-13 | 2362 | -2.78E-14 | 2464 | 9.91E-14 | 2566 | 5.00E-14 | 2668 | 7.68E-14 | 2770 | 1.32E-13 | 2872 | 1.34E-13 | 2974 | 1.80E-13 | 3076 | 2.29E-13 | 3178 | 4.44E-13 |
| 2058 | -1.34E-13 | 2160 | 2.14E-13 | 2262 | 8.77E-14 | 2364 | -4.65E-14 | 2466 | 5.95E-14 | 2568 | 5.44E-14 | 2670 | 9.63E-14 | 2772 | 1.53E-13 | 2874 | 1.31E-13 | 2976 | 1.60E-13 | 3078 | 2.41E-13 | 3180 | 4.90E-13 |
| 2060 | -3.32E-13 | 2162 | -7.19E-14 | 2264 | 7.31E-14 | 2366 | 6.64E-14 | 2468 | 2.87E-14 | 2570 | 6.51E-14 | 2672 | 1.33E-13 | 2774 | 1.50E-13 | 2876 | 1.20E-13 | 2978 | 1.77E-13 | 3080 | 2.44E-13 | 3182 | 5.20E-13 |
| 2062 | -3.77E-13 | 2164 | -9.13E-14 | 2266 | -3.89E-14 | 2368 | 8.50E-14 | 2470 | 2.78E-14 | 2572 | 5.99E-14 | 2674 | 1.32E-13 | 2776 | 1.32E-13 | 2878 | 1.10E-13 | 2980 | 1.98E-13 | 3082 | 2.41E-13 | 3184 | 4.66E-13 |
| 2064 | -1.14E-13 | 2166 | -3.56E-14 | 2268 | -1.57E-14 | 2370 | 3.92E-14 | 2472 | 5.79E-14 | 2574 | 4.96E-14 | 2676 | 9.64E-14 | 2778 | 1.48E-13 | 2880 | 1.29E-13 | 2982 | 1.84E-13 | 3084 | 2.27E-13 | 3186 | 4.30E-13 |
| 2066 | -2.59E-13 | 2168 | -1.66E-13 | 2270 | 2.24E-14 | 2372 | -2.87E-14 | 2474 | 3.78E-14 | 2576 | 2.43E-14 | 2678 | 8.52E-14 | 2780 | 1.39E-13 | 2882 | 1.48E-13 | 2984 | 1.61E-13 | 3086 | 2.14E-13 | 3188 | 4.83E-13 |
| 2068 | -2.62E-13 | 2170 | -1.15E-13 | 2272 | 6.49E-14 | 2374 | -2.99E-14 | 2476 | 1.04E-13 | 2578 | 3.54E-14 | 2680 | 7.81E-14 | 2782 | 1.45E-13 | 2884 | 1.41E-13 | 2986 | 1.61E-13 | 3088 | 2.50E-13 | 3190 | 5.47E-13 |
| 2070 | -2.25E-13 | 2172 | 1.85E-14 | 2274 | 2.20E-13 | 2376 | -8.97E-15 | 2478 | 1.42E-13 | 2580 | 2.48E-14 | 2682 | 7.29E-14 | 2784 | 1.41E-13 | 2886 | 1.44E-13 | 2988 | 1.77E-13 | 3090 | 2.55E-13 | 3192 | 5.91E-13 |
| 2072 | -1.16E-13 | 2174 | 9.22E-14 | 2276 | 7.95E-14 | 2378 | 1.10E-13 | 2480 | 6.62E-14 | 2582 | -2.63E-15 | 2684 | 7.51E-14 | 2786 | 1.60E-13 | 2888 | 1.49E-13 | 2990 | 1.62E-13 | 3092 | 1.81E-13 | 3194 | 6.20E-13 |
| 2074 | 2.66E-13 | 2176 | -7.64E-14 | 2278 | -1.77E-14 | 2380 | 4.68E-14 | 2482 | 4.74E-14 | 2584 | 5.24E-14 | 2686 | 6.52E-14 | 2788 | 1.76E-13 | 2890 | 1.44E-13 | 2992 | 1.42E-13 | 3094 | 1.53E-13 | 3196 | 6.35E-13 |
| 2076 | 1.74E-13 | 2178 | 7.85E-14 | 2280 | 1.13E-13 | 2382 | -4.21E-14 | 2484 | 6.94E-14 | 2586 | 4.50E-14 | 2688 | 5.70E-14 | 2790 | 2.32E-13 | 2892 | 1.31E-13 | 2994 | 1.41E-13 | 3096 | 1.56E-13 | 3198 | 5.63E-13 |


HD 132813 M5 III V=4.60 (B-V)=1.59 E(B-V)=-0.10
LAP: LWP 12565, LWP12566
FLUX ($10^{-13}$ ERGS $CM^{-2}$ $S^{-1}$ $A^{-1}$)
WAVELENGTH (A)
0
5
10
15
20
25
1800
2000
2200
2400
2600
2800
3000
3200