

Table 4. Stage Zero Coadditions: Subexposures

| Dataset     | Mode/Setting | Aperture<br>( $0.01'' \times 0.01''$ ) | Band<br>( $\text{\AA}$ ) | $t_{\text{exp}}$<br>(s) | Modified JD<br>(d) | Qual.<br>(%) | Xcorr Params.<br>( $\text{\AA}$ or $\text{km s}^{-1}$ ) |
|-------------|--------------|--|--------------------------|-------------------------|--------------------|--------------|---|
| (1)         | (2)          | (3)                                    | (4)                      | (5)                     | (6)                | (7)          | (8)   |
| AD-LEO      |              |  |                          |                         |                    |              |   |
| o61s01010_1 | E140M-1425   | 020×020                                | 1140-1729                | 2200                    | 51613.145          | 3            |   |
| o61s01020_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51613.205          | 4            |   |
| o61s01030_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51613.272          | 4            |   |
| o61s01040_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51613.339          | 3            |   |
| o61s01050_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51613.406          | 4            |   |
| o61s02010_1 | E140M-1425   | 020×020                                | 1140-1729                | 2200                    | 51614.151          | 3            |   |
| o61s02020_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51614.211          | 6            |   |
| o61s02030_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51614.278          | 4            |   |
| o61s02040_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51614.345          | 4            |   |
| o61s02050_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51614.412          | 5            |   |
| o61s03010_1 | E140M-1425   | 020×020                                | 1140-1729                | 2200                    | 51615.090          | 3            |   |
| o61s03020_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51615.150          | 4            |   |
| o61s03030_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51615.217          | 5            |   |
| o61s03040_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51615.284          | 4            |   |
| o61s03050_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51615.351          | 4            |   |
| o61s04010_1 | E140M-1425   | 020×020                                | 1140-1729                | 2200                    | 51616.096          | 6            |   |
| o61s04020_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51616.156          | 3            |   |
| o61s04030_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51616.223          | 3            |   |
| o61s04040_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51616.290          | 3            |   |
| o61s04050_1 | E140M-1425   | 020×020                                | 1140-1729                | 2700                    | 51616.357          | 4            |   |

Table 4. —Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o6jg01010_1 | E140M-1425 | 020×020 | 1140-1709 | 1750 | 52426.297 | 3   |     |
| o6jg01020_1 | E140M-1425 | 020×020 | 1140-1709 | 2880 | 52426.350 | 4   |     |
| o6jg01030_1 | E140M-1425 | 020×020 | 1140-1709 | 2880 | 52426.416 | 4   |     |
| o6jg01040_1 | E140M-1425 | 020×020 | 1140-1709 | 2880 | 52426.483 | 4   |     |
| o6jg02010_1 | E140M-1425 | 020×020 | 1140-1709 | 1750 | 52427.233 | 3   |     |
| o6jg02020_1 | E140M-1425 | 020×020 | 1140-1709 | 2880 | 52427.285 | 4   |     |
| AG-DRA      |            |         |           |      |           |     |     |
| o6ky01010_1 | E140M-1425 | 020×020 | 1140-1729 | 2600 | 52755.815 | 93  |     |
| o6ky01020_1 | E140M-1425 | 020×020 | 1140-1729 | 1837 | 52755.848 | 91  |     |
| o6ky01040_1 | E230M-1978 | 020×020 | 1607-2365 | 241  | 52755.881 | 54  |     |
| o6ky01050_1 | E230M-1978 | 020×020 | 1607-2365 | 1872 | 52755.886 | 82  |     |
| o6ky01030_1 | E230M-2707 | 020×020 | 2275-3118 | 374  | 52755.873 | 99  |     |
| AO-PSC      |            |         |           |      |           |     |     |
| o50151010_1 | E140M-1425 | 020×020 | 1140-1709 | 2140 | 51740.494 | 90  |     |
| o50151020_1 | E140M-1425 | 020×020 | 1140-1709 | 2540 | 51740.552 | 92  |     |
| o50151030_1 | E140M-1425 | 020×020 | 1140-1709 | 2680 | 51740.619 | 91  |     |
| o50151040_1 | E140M-1425 | 020×020 | 1140-1709 | 2270 | 51740.686 | 90  |     |
| o50152010_1 | E140M-1425 | 020×020 | 1140-1709 | 2140 | 51741.432 | 90  |     |
| o50152020_1 | E140M-1425 | 020×020 | 1140-1709 | 2540 | 51741.491 | 91  |     |
| o50152030_1 | E140M-1425 | 020×020 | 1140-1709 | 2680 | 51741.558 | 91  |     |
| o50152040_1 | E140M-1425 | 020×020 | 1140-1709 | 2270 | 51741.625 | 91  |     |
| BG-PHE      |            |         |           |      |           |     |     |
| o63502010_1 | E140M-1425 | 020×020 | 1140-1709 | 1440 | 52041.327 | 97  |     |
| BW-SCL      |            |         |           |      |           |     |     |
| o5b616010_1 | E140M-1425 | 020×020 | 1140-1729 | 1977 | 51433.056 | 2   |     |
| CI-CAM      |            |         |           |      |           |     |     |
| o5ci01010_1 | E140M-1425 | 020×020 | 1140-1729 | 2242 | 51623.065 | 11  |     |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5ci01020_1      | E140M-1425 | 020×020 | 1140-1729 | 1350 | 51623.120 | 2   | +0.00          |
| o5ci01020_2      | E140M-1425 | 020×020 | 1140-1729 | 1540 | 51623.138 | 3   | +0.00          |
| <b>o5ci01020</b> |            |         |           | 2890 | 51623.120 | 11  | ...            |
| o5ci01030_1      | E140M-1425 | 020×020 | 1140-1729 | 1350 | 51623.187 | 1   | +0.00          |
| o5ci01030_2      | E140M-1425 | 020×020 | 1140-1729 | 1540 | 51623.206 | 2   | +0.00          |
| <b>o5ci01030</b> |            |         |           | 2890 | 51623.187 | 9   | ...            |
| o5ci01040_1      | E230M-2269 | 020×020 | 1857-2672 | 1350 | 51623.254 | 35  | +0.00          |
| o5ci01040_2      | E230M-2269 | 020×020 | 1857-2672 | 1646 | 51623.271 | 37  | +0.68          |
| <b>o5ci01040</b> |            |         |           | 2996 | 51623.254 | 41  | 2328.48 [0.38] |
| CY-TAU           |            |         |           |      |           |     |                |
| o5cf03040_1      | E140M-1425 | 020×020 | 1140-1729 | 2255 | 51884.739 | 1   |                |
| o5cf03050_1      | E140M-1425 | 020×020 | 1140-1729 | 2923 | 51884.799 | 2   |                |
| o5cf03010_1      | E230M-1978 | 020×020 | 1607-2365 | 1260 | 51884.671 | 1   |                |
| o5cf03020_1      | E230M-2707 | 020×020 | 2275-3118 | 738  | 51884.690 | 5   |                |
| o5cf03030_1      | E230M-2707 | 020×020 | 2275-3118 | 282  | 51884.732 | 2   |                |
| DG-TAU           |            |         |           |      |           |     |                |
| o5e307010_1      | E140M-1425 | 020×006 | 1140-1729 | 2000 | 51839.408 | 0   |                |
| o5e307020_1      | E140M-1425 | 020×006 | 1140-1729 | 2920 | 51839.462 | 0   |                |
| o5e307040_1      | E140M-1425 | 020×006 | 1140-1729 | 1940 | 51839.537 | 0   |                |
| o5e307050_1      | E140M-1425 | 020×006 | 1140-1729 | 2920 | 51839.597 | 0   |                |
| o5e307060_1      | E140M-1425 | 020×006 | 1140-1729 | 2515 | 51839.664 | 0   |                |
| o8nz11010_1      | E230M-2707 | 600×020 | 2275-3118 | 2130 | 52974.980 | 2   |                |
| o8nz11020_1      | E230M-2707 | 600×020 | 2275-3118 | 2670 | 52975.040 | 2   |                |
| o63l03010_1      | E230M-2707 | 020×020 | 2274-3117 | 2345 | 51960.193 | 60  |                |
| o63l03020_1      | E230M-2707 | 020×020 | 2274-3117 | 2923 | 51960.253 | 65  |                |
| o63l03030_1      | E230M-2707 | 020×020 | 2274-3117 | 2923 | 51960.320 | 64  |                |
| o63l03040_1      | E230M-2707 | 020×020 | 2274-3117 | 2923 | 51960.387 | 62  |                |
| DN-LEO           |            |         |           |      |           |     |                |
| o66v04010_1      | E140M-1425 | 020×020 | 1140-1729 | 144  | 51951.170 | 90  |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o6mb01010_1 | E230M-2269 | 020×006 | 1841-2673 | 1822 | 52653.932 | 99  |     |
| o6mb01020_1 | E230M-2269 | 020×006 | 1841-2673 | 2899 | 52653.986 | 99  |     |
| DR-TAU      |            |         |           |      |           |     |     |
| o5cf02030_1 | E140M-1425 | 020×020 | 1140-1729 | 2897 | 51785.668 | 2   |     |
| o5cf02040_1 | E140M-1425 | 020×020 | 1140-1729 | 2897 | 51785.735 | 2   |     |
| o5cf02010_1 | E230M-1978 | 020×020 | 1607-2365 | 1080 | 51785.609 | 13  |     |
| o5cf02020_1 | E230M-2707 | 020×020 | 2276-3119 | 916  | 51785.625 | 85  |     |
| o63l04010_1 | E230M-2707 | 020×020 | 2274-3117 | 2327 | 51949.284 | 88  |     |
| o63l04020_1 | E230M-2707 | 020×020 | 2274-3117 | 2880 | 51949.341 | 89  |     |
| DS-TAU      |            |         |           |      |           |     |     |
| o5cf01030_1 | E140M-1425 | 020×020 | 1140-1729 | 2923 | 51780.842 | 5   |     |
| o5cf01040_1 | E140M-1425 | 020×020 | 1140-1729 | 2923 | 51780.909 | 3   |     |
| o5cf01010_1 | E230M-1978 | 020×020 | 1607-2365 | 1140 | 51780.784 | 19  |     |
| o5cf01020_1 | E230M-2707 | 020×020 | 2276-3119 | 878  | 51780.801 | 89  |     |
| o63l08010_1 | E230M-2707 | 020×020 | 2274-3117 | 2345 | 51963.072 | 85  |     |
| o63l08020_1 | E230M-2707 | 020×020 | 2274-3117 | 2923 | 51963.132 | 86  |     |
| EF-PEG      |            |         |           |      |           |     |     |
| o5b609010_1 | E140M-1425 | 020×020 | 1140-1709 | 1723 | 51713.080 | 0   |     |
| o5b609020_1 | E140M-1425 | 020×020 | 1140-1709 | 2580 | 51713.134 | 0   |     |
| o5b609030_1 | E140M-1425 | 020×020 | 1140-1709 | 2580 | 51713.201 | 0   |     |
| EK-TRA      |            |         |           |      |           |     |     |
| o5b612010_1 | E140M-1425 | 020×020 | 1140-1709 | 4302 | 51384.772 | 39  |     |
| EV-LAC      |            |         |           |      |           |     |     |
| o6au01010_1 | E140M-1425 | 020×020 | 1140-1729 | 1875 | 52172.698 | 1   |     |
| o6au01020_1 | E140M-1425 | 020×020 | 1140-1729 | 3015 | 52172.751 | 2   |     |
| o6au01030_1 | E140M-1425 | 020×020 | 1140-1729 | 3015 | 52172.818 | 2   |     |
| o6au01040_1 | E140M-1425 | 020×020 | 1140-1729 | 3015 | 52172.885 | 1   |     |

Table 4—Continued

| (1)                     | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|-------------------------|------------|---------|-----------|------|-----------|-----|----------------|
| EX-HYA                  |            |         |           |      |           |     |                |
| o68301010_1             | E140M-1425 | 020×020 | 1140-1709 | 2200 | 51682.894 | 94  |                |
| o68301020_1             | E140M-1425 | 020×020 | 1140-1709 | 2700 | 51682.950 | 94  |                |
| o68301030_1             | E140M-1425 | 020×020 | 1140-1709 | 2700 | 51683.017 | 94  |                |
| o68302010_1             | E140M-1425 | 020×020 | 1140-1709 | 2200 | 51694.622 | 94  |                |
| o68302020_1             | E140M-1425 | 020×020 | 1140-1709 | 2700 | 51694.680 | 94  |                |
| o68302030_1             | E140M-1425 | 020×020 | 1140-1709 | 2700 | 51694.747 | 94  |                |
| FQ-AQR                  |            |         |           |      |           |     |                |
| o6mb07010_1             | E230M-2269 | 020×006 | 1840-2672 | 1822 | 52527.226 | 97  |                |
| o6mb07020_1             | E230M-2269 | 020×006 | 1840-2672 | 2899 | 52527.280 | 98  | +0.00          |
| o6mb07020_2             | E230M-2269 | 020×006 | 1840-2672 | 2899 | 52527.346 | 98  | −0.16          |
| <b>o6mb07020</b>        |            |         |           | 5798 | 52527.280 | 99  | 2468.32 [0.38] |
| FU-ORI                  |            |         |           |      |           |     |                |
| o63l07010_1             | E230M-2707 | 020×020 | 2274-3117 | 2337 | 51962.936 | 62  |                |
| o63l07020_1             | E230M-2707 | 020×020 | 2274-3117 | 2880 | 51962.998 | 63  |                |
| HD100340                |            |         |           |      |           |     |                |
| o63557010_1             | E140M-1425 | 020×020 | 1140-1729 | 1440 | 51999.496 | 97  |                |
| HD100546 [VAR 2 epochs] |            |         |           |      |           |     |                |
| o5c901080_1             | E140H-1234 | 020×009 | 1141-1335 | 2534 | 51747.644 | 52  |                |
| o5c9010b0_1             | E140H-1416 | 020×009 | 1320-1517 | 600  | 51747.723 | 99  |                |
| o5c901060_1             | E140H-1598 | 020×009 | 1494-1687 | 1182 | 51747.592 | 99  |                |
| o5c902060_1             | E140H-1598 | 020×009 | 1494-1687 | 985  | 51852.516 | 99  |                |
| o5c901050_1             | E230H-1763 | 020×009 | 1632-1901 | 985  | 51747.576 | 91  |                |
| o5c902050_1             | E230H-1763 | 020×009 | 1629-1901 | 985  | 51852.500 | 99  |                |
| o5c9010a0_1             | E230H-2013 | 020×009 | 1883-2149 | 624  | 51747.711 | 99  |                |
| o5c902030_1             | E230H-2013 | 020×009 | 1879-2150 | 624  | 51852.468 | 100 |                |
| o5c901030_1             | E230H-2263 | 020×009 | 2134-2396 | 492  | 51747.535 | 99  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5c901020_1      | E230H-2513 | 020×009 | 2377-2650 | 372  | 51747.526 | 99  |                |
| o5c902020_1      | E230H-2513 | 020×009 | 2377-2650 | 372  | 51852.460 | 99  |                |
| o5c901010_1      | E230H-2762 | 020×009 | 2620-2887 | 372  | 51747.518 | 99  |                |
| o5c901040_1      | E230H-2762 | 020×009 | 2620-2887 | 310  | 51747.569 | 99  |                |
| o5c901070_1      | E230H-2762 | 020×009 | 2620-2887 | 310  | 51747.636 | 99  |                |
| o5c901090_1      | E230H-2762 | 020×009 | 2620-2887 | 372  | 51747.703 | 99  |                |
| o5c902010_1      | E230H-2762 | 020×009 | 2620-2887 | 372  | 51852.451 | 99  |                |
| o5c902040_1      | E230H-2762 | 020×009 | 2620-2887 | 310  | 51852.492 | 99  |                |
| HD101131         |            |         |           |      |           |     |                |
| o6lz48010_1      | E140H-1489 | 020×020 | 1390-1586 | 300  | 52740.936 | 99  |                |
| HD101190         |            |         |           |      |           |     |                |
| o6lz49010_1      | E140H-1489 | 020×020 | 1390-1586 | 300  | 52577.357 | 99  |                |
| HD101436         |            |         |           |      |           |     |                |
| o6lz51010_1      | E140H-1489 | 020×020 | 1390-1586 | 600  | 52786.196 | 99  |                |
| HD102065         |            |         |           |      |           |     |                |
| o4o001010_1      | E140H-1234 | 020×009 | 1141-1335 | 1657 | 50900.736 | 87  | +0.00          |
| o4o001010_2      | E140H-1234 | 020×009 | 1141-1335 | 1440 | 50900.784 | 86  | +0.03          |
| o4o001010_3      | E140H-1234 | 020×009 | 1141-1335 | 1571 | 50900.803 | 86  | −0.40          |
| o4o001010_4      | E140H-1234 | 020×009 | 1141-1335 | 1440 | 50900.851 | 86  | +0.21          |
| o4o001010_5      | E140H-1234 | 020×009 | 1141-1335 | 1571 | 50900.870 | 86  | −0.27          |
| <b>o4o001010</b> |            |         |           | 7679 | 50900.736 | 91  | 1277.31 [0.08] |
| o4o001020_1      | E140H-1416 | 020×009 | 1316-1517 | 1200 | 50900.920 | 99  |                |
| o4o001030_1      | E140H-1598 | 020×009 | 1494-1687 | 1489 | 50900.938 | 99  |                |
| o4o001040_1      | E230H-2513 | 010×009 | 2378-2650 | 1296 | 50900.988 | 99  |                |
| o4o001050_1      | E230H-2762 | 010×009 | 2620-2888 | 1296 | 50901.007 | 99  |                |
| HD102634         |            |         |           |      |           |     |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o4ao06010_1 | E230M-2707 | 020×006 | 2275-3118 | 1440 | 51128.343 | 100 |     |
| HD103095    |            |         |           |      |           |     |     |
| o6lm61050_1 | E140M-1425 | 020×020 | 1140-1729 | 2904 | 52839.963 | 0   |     |
| o6lm61020_1 | E230H-2762 | 020×020 | 2620-2887 | 2904 | 52839.763 | 99  |     |
| o6lm61040_1 | E230H-2762 | 020×020 | 2620-2887 | 2904 | 52839.897 | 99  |     |
| o6lm61010_1 | E230H-3012 | 020×020 | 2885-3158 | 2385 | 52839.703 | 99  |     |
| o6lm61030_1 | E230H-3012 | 020×020 | 2885-3158 | 2904 | 52839.830 | 99  |     |
| HD103779    |            |         |           |      |           |     |     |
| o54302010_1 | E140H-1271 | 010×003 | 1160-1356 | 1466 | 51284.089 | 93  |     |
| o63563010_1 | E140H-1489 | 020×020 | 1390-1586 | 720  | 51959.915 | 99  |     |
| o54302020_1 | E230H-1763 | 010×003 | 1629-1901 | 1466 | 51284.111 | 99  |     |
| HD104705    |            |         |           |      |           |     |     |
| o57r01010_1 | E140H-1271 | 020×009 | 1160-1356 | 2400 | 51171.272 | 94  |     |
| o57r01020_1 | E140H-1453 | 020×009 | 1359-1551 | 3320 | 51171.305 | 99  |     |
| o57r01030_1 | E140H-1489 | 020×009 | 1390-1586 | 2900 | 51171.349 | 99  |     |
| HD106343    |            |         |           |      |           |     |     |
| o54310010_1 | E140H-1271 | 010×003 | 1163-1356 | 1486 | 51284.022 | 92  |     |
| o54310020_1 | E230H-1763 | 010×003 | 1629-1901 | 1486 | 51284.044 | 99  |     |
| HD106516    |            |         |           |      |           |     |     |
| o57m01020_1 | E140M-1425 | 020×020 | 1140-1729 | 1440 | 51202.917 | 3   |     |
| o4ao07010_1 | E230M-2707 | 020×006 | 2275-3118 | 1440 | 51163.739 | 100 |     |
| o57m01010_1 | E230M-2707 | 020×020 | 2275-3118 | 288  | 51202.910 | 100 |     |
| HD106943    |            |         |           |      |           |     |     |
| o6lj07020_1 | E140H-1271 | 010×003 | 1160-1356 | 2220 | 52786.155 | 92  |     |
| o6lj07010_1 | E140H-1453 | 010×003 | 1359-1551 | 930  | 52786.140 | 99  |     |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| HD10700          |            |         |           |       |           |     |                |
| o5cy01010_1      | E140M-1425 | 020×020 | 1140-1709 | 1862  | 51757.124 | 2   |                |
| o5cy01020_1      | E140M-1425 | 020×020 | 1140-1709 | 2897  | 51757.179 | 4   | +0.00          |
| o5cy01020_2      | E140M-1425 | 020×020 | 1140-1709 | 2897  | 51757.246 | 4   | −0.03          |
| o5cy01020_3      | E140M-1425 | 020×020 | 1140-1709 | 2897  | 51757.313 | 4   | +0.52          |
| o5cy01020_4      | E140M-1425 | 020×020 | 1140-1709 | 2897  | 51757.380 | 4   | +0.54          |
| <b>o5cy01020</b> |            |         |           | 11588 | 51757.179 | 16  | 1305.95 [0.12] |
| HD107113         |            |         |           |       |           |     |                |
| o4ao08020_1      | E230M-1978 | 020×006 | 1607-2365 | 591   | 50736.337 | 75  |                |
| o4ao08030_1      | E230M-1978 | 020×006 | 1607-2365 | 1691  | 50736.345 | 79  |                |
| o4ao08010_1      | E230M-2707 | 020×006 | 2275-3118 | 1200  | 50736.291 | 100 |                |
| HD107213         |            |         |           |       |           |     |                |
| o4ao09020_1      | E230M-1978 | 020×006 | 1607-2365 | 303   | 51378.120 | 47  |                |
| o4ao09030_1      | E230M-1978 | 020×006 | 1607-2365 | 2036  | 51378.155 | 59  |                |
| o40l01040_1      | E230M-2707 | 020×006 | 2274-3117 | 600   | 50599.226 | 99  |                |
| o40l01030_1      | E230M-2707 | 020×006 | 2274-3117 | 600   | 50599.235 | 99  |                |
| o4ao09010_1      | E230M-2707 | 020×006 | 2274-3116 | 1200  | 51378.102 | 100 |                |
| HD107969         |            |         |           |       |           |     |                |
| o64d08010_1      | E140M-1425 | 020×020 | 1140-1729 | 2300  | 52281.514 | 97  |                |
| o64d08020_1      | E140M-1425 | 020×020 | 1140-1729 | 2897  | 52281.573 | 97  |                |
| HD108            |            |         |           |       |           |     |                |
| o5lh01010_1      | E140H-1271 | 010×003 | 1163-1356 | 997   | 51677.756 | 90  |                |
| o5lh01020_1      | E140H-1271 | 010×003 | 1163-1356 | 997   | 51677.769 | 90  |                |
| o5lh01030_1      | E140H-1271 | 010×003 | 1163-1356 | 997   | 51677.781 | 90  |                |
| o5lh01040_1      | E140H-1271 | 010×003 | 1163-1356 | 997   | 51677.796 | 90  |                |
| o5lh01050_1      | E230H-1763 | 010×003 | 1629-1901 | 997   | 51677.813 | 99  |                |
| o5lh01060_1      | E230H-1763 | 010×003 | 1629-1901 | 997   | 51677.824 | 99  |                |



Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o5lh01070_1 | E230H-1763 | 010×003 | 1629-1901 | 997  | 51677.836 | 99  |     |
| o5lh01080_1 | E230H-1763 | 010×003 | 1629-1901 | 997  | 51677.851 | 99  |     |
| HD108002    |            |         |           |      |           |     |     |
| o6lj08020_1 | E140H-1271 | 010×003 | 1160-1356 | 1560 | 52735.249 | 92  |     |
| o6lj08010_1 | E140H-1453 | 010×003 | 1359-1551 | 1590 | 52735.226 | 98  |     |
| HD108610    |            |         |           |      |           |     |     |
| o6lj09020_1 | E140H-1271 | 010×003 | 1160-1356 | 1680 | 52565.571 | 94  |     |
| o6lj09010_1 | E140H-1453 | 010×003 | 1359-1551 | 1470 | 52565.549 | 99  |     |
| HD108639    |            |         |           |      |           |     |     |
| o6lj0a020_1 | E140H-1271 | 020×009 | 1160-1356 | 1860 | 52566.375 | 93  |     |
| o6lj0a010_1 | E140H-1453 | 020×009 | 1359-1551 | 1800 | 52566.351 | 99  |     |
| HD108907    |            |         |           |      |           |     |     |
| o62w01010_1 | E140M-1425 | 020×020 | 1140-1709 | 5300 | 52038.384 | 93  |     |
| o62w01020_1 | E140M-1425 | 020×020 | 1140-1709 | 5300 | 52038.449 | 91  |     |
| o62w01030_1 | E140M-1425 | 020×020 | 1140-1709 | 4550 | 52038.515 | 88  |     |
| HD109399    |            |         |           |      |           |     |     |
| o54303010_1 | E140H-1271 | 010×003 | 1160-1356 | 1445 | 51228.952 | 94  |     |
| o54303020_1 | E230H-1763 | 010×003 | 1629-1901 | 1445 | 51228.973 | 99  |     |
| HD109573    |            |         |           |      |           |     |     |
| o6fg01020_1 | E140H-1526 | 020×009 | 1428-1622 | 931  | 52508.700 | 99  |     |
| o6fg01010_1 | E230H-2013 | 020×009 | 1879-2149 | 550  | 52508.689 | 100 |     |
| HD109799    |            |         |           |      |           |     |     |
| o6e608010_1 | E230H-2513 | 020×009 | 2377-2650 | 1956 | 52474.253 | 99  |     |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| HD110434         |            |          |           |      |           |     |                |
| o6lj0b020_1      | E140H-1271 | 010×003  | 1163-1356 | 2130 | 52452.907 | 94  |                |
| o6lj0b010_1      | E140H-1453 | 010×003  | 1358-1551 | 1020 | 52452.890 | 99  |                |
| HD110897         |            |          |           |      |           |     |                |
| o62u09010_1      | E230M-2707 | 020×006  | 2275-3118 | 1907 | 52260.745 | 100 |                |
| HD111812         |            |          |           |      |           |     |                |
| o6aq01010_1      | E140M-1425 | 020×020  | 1140-1729 | 1887 | 51981.622 | 24  |                |
| o6aq01020_1      | E140M-1425 | 020×020  | 1140-1729 | 2923 | 51981.689 | 39  | +0.00          |
| o6aq01020_2      | E140M-1425 | 020×020  | 1140-1729 | 2923 | 51981.755 | 37  | −5.14          |
| <b>o6aq01020</b> |            |          |           | 5846 | 51981.689 | 58  | 1306.01 [0.36] |
| HD111934         |            |          |           |      |           |     |                |
| o5c03n010_1      | E140H-1271 | 020×020  | 1160-1356 | 720  | 51629.804 | 91  |                |
| HD112092         |            |          |           |      |           |     |                |
| o8rk43010_1      | E140M-1425 | 020×005N | 1140-1729 | 350  | 53112.213 | 95  |                |
| HD112999         |            |          |           |      |           |     |                |
| o6lj0c010_1      | E140H-1271 | 010×003  | 1160-1356 | 1620 | 52568.373 | 91  |                |
| o6lj0c020_1      | E140H-1271 | 010×003  | 1160-1356 | 1650 | 52568.394 | 91  |                |
| HD114441         |            |          |           |      |           |     |                |
| o6lz53010_1      | E140M-1425 | 020×020  | 1140-1729 | 600  | 52623.328 | 96  |                |
| HD114762         |            |          |           |      |           |     |                |
| o56d10010_1      | E230M-2707 | 020×020  | 2274-3117 | 300  | 51246.918 | 99  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o56d08010_1      | E230M-2707 | 020×020 | 2274-3117 | 480   | 51290.649 | 100 |                |
| HD114886         |            |         |           |       |           |     |                |
| o6lj0d020_1      | E140H-1271 | 010×003 | 1160-1356 | 1560  | 52732.294 | 92  |                |
| o6lj0d010_1      | E140H-1453 | 010×003 | 1359-1551 | 1590  | 52732.271 | 99  |                |
| HD115071         |            |         |           |       |           |     |                |
| o6lj0e010_1      | E140H-1271 | 020×009 | 1160-1356 | 1890  | 52729.295 | 91  |                |
| o6lj0e020_1      | E140H-1271 | 020×009 | 1160-1356 | 1890  | 52729.318 | 92  |                |
| HD115444         |            |         |           |       |           |     |                |
| o5f602010_1      | E230M-2707 | 020×006 | 2274-3117 | 1882  | 51361.239 | 94  |                |
| o5f601010_1      | E230M-2707 | 020×006 | 2274-3116 | 1882  | 51375.016 | 92  |                |
| o5f601020_1      | E230M-2707 | 020×006 | 2274-3116 | 2977  | 51375.070 | 95  | +0.00          |
| o5f601020_2      | E230M-2707 | 020×006 | 2274-3116 | 2977  | 51375.137 | 94  | +0.13          |
| o5f601020_3      | E230M-2707 | 020×006 | 2274-3116 | 2977  | 51375.204 | 94  | +0.02          |
| o5f601020_4      | E230M-2707 | 020×006 | 2274-3116 | 2977  | 51375.271 | 94  | +0.13          |
| <b>o5f601020</b> |            |         |           | 11908 | 51375.070 | 98  | 2836.15 [0.22] |
| HD115455         |            |         |           |       |           |     |                |
| o6lj0f010_1      | E140H-1271 | 010×003 | 1160-1356 | 1650  | 52732.207 | 91  |                |
| o6lj0f020_1      | E140H-1271 | 010×003 | 1160-1356 | 1620  | 52732.227 | 91  |                |
| HD115617         |            |         |           |       |           |     |                |
| o4vb02050_1      | E140M-1425 | 020×006 | 1140-1729 | 2450  | 51035.131 | 0   |                |
| o4vb52020_1      | E140M-1425 | 020×006 | 1140-1729 | 2450  | 51167.305 | 0   |                |
| o4vb52010_1      | E230M-2707 | 020×006 | 2275-3118 | 1800  | 51167.250 | 100 |                |
| HD11592          |            |         |           |       |           |     |                |
| o62u02010_1      | E230M-2707 | 020×006 | 2274-3117 | 1829  | 51961.195 | 100 |                |
| o62u02020_1      | E230M-2707 | 020×006 | 2274-3117 | 2899  | 51961.249 | 100 |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| HD116781         |            |         |           |      |           |     |                |
| o5lh05010_1      | E140H-1271 | 010×003 | 1163-1356 | 685  | 51726.768 | 93  |                |
| o5lh05020_1      | E140H-1271 | 010×003 | 1163-1356 | 685  | 51726.778 | 93  |                |
| o5lh05030_1      | E230H-1763 | 010×003 | 1628-1901 | 685  | 51726.791 | 99  |                |
| o5lh05040_1      | E230H-1763 | 010×003 | 1628-1901 | 685  | 51726.799 | 99  |                |
| HD116852         |            |         |           |      |           |     |                |
| o5c01c010_1      | E140H-1271 | 020×020 | 1163-1356 | 360  | 51720.139 | 94  |                |
| o8na03010_1      | E140H-1271 | 020×020 | 1160-1356 | 1261 | 52859.655 | 95  | +0.00          |
| o8na03010_2      | E140H-1271 | 020×020 | 1160-1356 | 1261 | 52859.671 | 95  | −0.15          |
| <b>o8na03010</b> |            |         |           | 2522 | 52859.655 | 95  | 1280.17 [0.07] |
| o8na03020_1      | E140H-1271 | 020×020 | 1160-1356 | 1600 | 52859.715 | 95  | +0.00          |
| o8na03020_2      | E140H-1271 | 020×020 | 1160-1356 | 1600 | 52859.734 | 95  | +0.10          |
| <b>o8na03020</b> |            |         |           | 3200 | 52859.715 | 95  | 1280.17 [0.07] |
| HD116956         |            |         |           |      |           |     |                |
| o6co01050_1      | E140M-1425 | 020×020 | 1140-1709 | 864  | 52478.546 | 0   |                |
| o6co01040_1      | E140M-1425 | 020×020 | 1140-1709 | 3135 | 52478.568 | 1   |                |
| o6co01060_1      | E230M-2707 | 020×020 | 2274-3117 | 1200 | 52478.528 | 99  |                |
| HD117970         |            |         |           |      |           |     |                |
| o61o01010_1      | E140M-1425 | 020×020 | 1140-1729 | 2136 | 52011.076 | 96  |                |
| o61o02010_1      | E140M-1425 | 020×020 | 1140-1729 | 2136 | 52015.823 | 96  |                |
| o61o03010_1      | E140M-1425 | 020×020 | 1140-1729 | 2136 | 52019.837 | 96  |                |
| o61o04010_1      | E140M-1425 | 020×020 | 1140-1729 | 2136 | 52023.657 | 96  |                |
| o61o05010_1      | E140M-1425 | 020×020 | 1140-1729 | 2136 | 52027.597 | 96  |                |
| o61o06010_1      | E140M-1425 | 020×020 | 1140-1729 | 2136 | 52031.483 | 96  |                |
| o61o07010_1      | E140M-1425 | 020×020 | 1140-1729 | 2136 | 52035.423 | 96  |                |
| o61o08010_1      | E140M-1425 | 020×020 | 1140-1709 | 2136 | 52039.503 | 96  |                |
| HD118246         |            |         |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o63572010_1      | E140H-1489 | 020×020  | 1390-1586 | 720  | 52014.088 | 99  |                |
| HD120086         |            |          |           |      |           |     |                |
| o5lh06010_1      | E140H-1271 | 010×003  | 1163-1356 | 570  | 51752.343 | 95  |                |
| o5lh06020_1      | E140H-1271 | 010×003  | 1163-1356 | 564  | 51752.351 | 95  |                |
| o5lh06030_1      | E230H-1763 | 010×003  | 1632-1901 | 820  | 51752.390 | 99  |                |
| o5lh06040_1      | E230H-1763 | 010×003  | 1632-1901 | 932  | 51752.401 | 99  |                |
| o5lh06050_1      | E230H-1763 | 010×003  | 1632-1901 | 984  | 51752.412 | 99  |                |
| HD121968         |            |          |           |      |           |     |                |
| o57r02010_1      | E140H-1271 | 020×009  | 1160-1356 | 1558 | 51227.048 | 95  |                |
| o57r02020_1      | E140H-1271 | 020×009  | 1160-1356 | 2899 | 51227.100 | 95  |                |
| o57r02030_1      | E140H-1453 | 020×009  | 1359-1551 | 2585 | 51227.167 | 99  | +0.00          |
| o57r02030_2      | E140H-1453 | 020×009  | 1359-1551 | 2899 | 51227.234 | 99  | +0.01          |
| o57r02030_3      | E140H-1453 | 020×009  | 1359-1551 | 2899 | 51227.301 | 99  | +0.37          |
| <b>o57r02030</b> |            |          |           | 8383 | 51227.167 | 99  | 1526.84 [0.14] |
| HD122563         |            |          |           |      |           |     |                |
| o5el01010_1      | E230M-2707 | 020×006F | 2274-3116 | 1767 | 51388.714 | 99  |                |
| o5el01020_1      | E230M-2707 | 020×006F | 2273-3116 | 2887 | 51388.767 | 99  |                |
| o5el01030_1      | E230M-2707 | 020×006F | 2274-3116 | 2868 | 51388.835 | 99  |                |
| o5el01040_1      | E230M-2707 | 020×006F | 2274-3117 | 2868 | 51388.902 | 99  |                |
| HD122879         |            |          |           |      |           |     |                |
| o5c037010_1      | E140H-1271 | 020×020  | 1163-1356 | 360  | 51672.306 | 93  |                |
| o5lh07010_1      | E140H-1271 | 010×003  | 1160-1356 | 708  | 51785.877 | 93  |                |
| o5lh07020_1      | E140H-1271 | 010×003  | 1160-1356 | 708  | 51785.887 | 93  |                |
| o5lh07030_1      | E230H-1763 | 010×003  | 1628-1897 | 708  | 51785.900 | 99  |                |
| o5lh07040_1      | E230H-1763 | 010×003  | 1628-1897 | 708  | 51785.909 | 99  |                |
| HD122956         |            |          |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5f605010_1      | E230M-2707 | 020×006 | 2274-3116 | 1858 | 51390.930 | 89  |                |
| o5f605020_1      | E230M-2707 | 020×006 | 2274-3116 | 2899 | 51390.982 | 93  |                |
| HD12323          |            |         |           |      |           |     |                |
| o63505010_1      | E140M-1425 | 020×020 | 1140-1729 | 1440 | 52001.195 | 96  |                |
| HD124314         |            |         |           |      |           |     |                |
| o54307010_1      | E140H-1271 | 010×003 | 1163-1356 | 1466 | 51278.933 | 92  |                |
| o6lz58010_1      | E140H-1489 | 020×020 | 1390-1586 | 300  | 52722.329 | 99  |                |
| o54307020_1      | E230H-1763 | 010×003 | 1629-1901 | 1466 | 51278.955 | 99  |                |
| HD124448         |            |         |           |      |           |     |                |
| o6mb02010_1      | E230M-2269 | 020×006 | 1840-2672 | 1977 | 52841.858 | 99  |                |
| o6mb02020_1      | E230M-2269 | 020×006 | 1840-2672 | 3054 | 52841.898 | 99  |                |
| HD124897         |            |         |           |      |           |     |                |
| o4y701030_1      | E140M-1425 | 020×006 | 1140-1729 | 2493 | 51049.852 | 49  | +0.00          |
| o4y701030_2      | E140M-1425 | 020×006 | 1140-1729 | 2715 | 51049.917 | 45  | −0.37          |
| <b>o4y701030</b> |            |         |           | 5208 | 51049.852 | 66  | 1296.16 [0.12] |
| o62l01010_1      | E230H-2263 | 020×009 | 2128-2396 | 1820 | 52155.096 | 99  |                |
| o62l01020_1      | E230H-2263 | 020×009 | 2128-2396 | 2895 | 52155.149 | 99  | +0.00          |
| o62l01020_2      | E230H-2263 | 020×009 | 2128-2396 | 2895 | 52155.216 | 99  | +0.00          |
| <b>o62l01020</b> |            |         |           | 5790 | 52155.149 | 99  | 2326.12 [0.28] |
| o62l53010_1      | E230H-2513 | 020×009 | 2378-2650 | 1820 | 52699.708 | 100 |                |
| o62l53020_1      | E230H-2513 | 020×009 | 2378-2650 | 2895 | 52699.762 | 100 |                |
| o62l53030_1      | E230H-2513 | 020×009 | 2378-2650 | 1500 | 52699.829 | 100 |                |
| o4y701010_1      | E230H-2713 | 010×020 | 2576-2845 | 1340 | 51049.728 | 100 |                |
| o62l02010_1      | E230H-2762 | 020×009 | 2620-2887 | 1820 | 52155.898 | 100 |                |
| o62l02020_1      | E230H-2762 | 020×009 | 2620-2887 | 2895 | 52155.952 | 100 |                |
| o62l02030_1      | E230H-2762 | 020×009 | 2620-2887 | 1000 | 52156.019 | 100 |                |
| o62l02040_1      | E230H-3012 | 010×003 | 2885-3158 | 915  | 52156.041 | 77  |                |

Table 4—Continued

| (1)                         | (2)        | (3)      | (4)       | (5)   | (6)       | (7) | (8)            |
|-----------------------------|------------|----------|-----------|-------|-----------|-----|----------------|
| o62l02050_1                 | E230H-3012 | 010×003  | 2885-3158 | 2895  | 52156.085 | 90  |                |
| o62l53040_1                 | E230H-3012 | 010×003  | 2885-3159 | 420   | 52699.857 | 100 |                |
| o62l53050_1                 | E230H-3012 | 010×003  | 2885-3159 | 2895  | 52699.895 | 100 |                |
| o4y701020_1                 | E230M-2124 | 020×006  | 1687-2509 | 2493  | 51049.785 | 75  |                |
| HD126587                    |            |          |           |       |           |     |                |
| o5f606010_1                 | E230M-2707 | 020×006  | 2274-3116 | 1811  | 51729.822 | 93  |                |
| o5f606020_1                 | E230M-2707 | 020×006  | 2274-3116 | 2906  | 51729.873 | 95  | +0.00          |
| o5f606020_2                 | E230M-2707 | 020×006  | 2274-3116 | 2906  | 51729.940 | 95  | −1.75          |
| o5f606020_3                 | E230M-2707 | 020×006  | 2274-3116 | 2906  | 51730.007 | 95  | +0.33          |
| o5f606020_4                 | E230M-2707 | 020×006  | 2274-3116 | 2906  | 51730.074 | 94  | −1.08          |
| <b>o5f606020</b>            |            |          |           | 11624 | 51729.873 | 98  | 2741.77 [0.32] |
| HD127381                    |            |          |           |       |           |     |                |
| o8s601010_1                 | E140M-1425 | 020×005N | 1140-1729 | 1900  | 52862.191 | 97  |                |
| HD128167 [1st 2762 exp low] |            |          |           |       |           |     |                |
| o4ao12010_1                 | E230H-2513 | 020×006  | 2377-2650 | 1200  | 51296.769 | 100 |                |
| o4ao12020_1                 | E230H-2762 | 020×006  | 2620-2887 | 211   | 51296.788 | 100 |                |
| o4ao12030_1                 | E230H-2762 | 020×006  | 2620-2887 | 1079  | 51296.823 | 100 |                |
| o4ao12040_1                 | E230H-3012 | 020×006  | 2885-3158 | 1440  | 51296.841 | 100 |                |
| HD128345                    |            |          |           |       |           |     |                |
| o8s602010_1                 | E140M-1425 | 020×005N | 1140-1729 | 1900  | 52866.191 | 96  |                |
| HD128620                    |            |          |           |       |           |     |                |
| o53p01010_1                 | E140H-1234 | 020×009  | 1141-1335 | 4695  | 51221.081 | 29  |                |
| o53p01020_1                 | E140H-1416 | 020×009  | 1316-1517 | 4695  | 51221.142 | 90  |                |
| o53p01030_1                 | E140H-1598 | 020×009  | 1494-1687 | 4695  | 51221.203 | 99  |                |
| o53p02010_1                 | E230H-1763 | 020×009  | 1629-1901 | 4100  | 51277.906 | 76  |                |
| o53p02020_1                 | E230H-2013 | 020×009  | 1879-2150 | 2000  | 51277.958 | 100 |                |
| o53p02030_1                 | E230H-2263 | 020×005N | 2128-2396 | 3500  | 51277.986 | 98  |                |

Table 4—Continued

| (1)                           | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|-------------------------------|------------|----------|-----------|------|-----------|-----|-----|
| o53p02040_1                   | E230H-2263 | 020×005N | 2128-2396 | 3500 | 51278.030 | 97  |     |
| o53p02050_1                   | E230H-2513 | 020×005N | 2378-2650 | 4900 | 51278.076 | 99  |     |
| o53p02060_1                   | E230H-2762 | 020×005N | 2620-2888 | 3100 | 51278.138 | 99  |     |
| o53p02070_1                   | E230H-3012 | 020×005N | 2885-3159 | 3000 | 51278.180 | 100 |     |
| HD128987                      |            |          |           |      |           |     |     |
| o6co04050_1                   | E140M-1425 | 020×020  | 1140-1729 | 864  | 52152.297 | 0   |     |
| o6co04040_1                   | E140M-1425 | 020×020  | 1140-1729 | 2897 | 52152.339 | 1   |     |
| o6co04060_1                   | E230M-2707 | 020×020  | 2275-3119 | 1200 | 52152.279 | 100 |     |
| HD131156 [1st epoch bad exps] |            |          |           |      |           |     |     |
| o4vb01050_1                   | E140M-1425 | 020×006  | 1140-1709 | 2450 | 51013.493 | 0   |     |
| o4vb51020_1                   | E140M-1425 | 020×006  | 1140-1729 | 2450 | 51163.415 | 5   |     |
| o4vb01040_1                   | E230M-2707 | 020×006  | 2274-3116 | 1800 | 51013.437 | 0   |     |
| o4vb51010_1                   | E230M-2707 | 020×006  | 2275-3118 | 1800 | 51163.357 | 100 |     |
| HD132475                      |            |          |           |      |           |     |     |
| o8oe03010_1                   | E230M-2707 | 020×006  | 2275-3117 | 1840 | 53215.851 | 99  |     |
| o8oe03020_1                   | E230M-2707 | 020×006  | 2275-3117 | 2876 | 53215.904 | 99  |     |
| o8oe03030_1                   | E230M-2707 | 020×006  | 2275-3117 | 2034 | 53215.981 | 99  |     |
| o8oe03040_1                   | E230M-2707 | 020×006  | 2275-3117 | 2876 | 53216.038 | 99  |     |
| HD13268                       |            |          |           |      |           |     |     |
| o63506010_1                   | E140M-1425 | 020×020  | 1140-1729 | 1440 | 51941.432 | 95  |     |
| HD134411                      |            |          |           |      |           |     |     |
| o6lz60010_1                   | E140M-1425 | 020×020  | 1140-1729 | 1200 | 52724.463 | 97  |     |
| HD13456                       |            |          |           |      |           |     |     |
| o6e602010_1                   | E230M-2415 | 020×006  | 1984-2818 | 1929 | 52315.936 | 100 |     |



Table 4—Continued

| (1)         | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|----------|-----------|------|-----------|-----|-----|
| HD13555     |            |          |           |      |           |     |     |
| o62u03010_1 | E230H-2513 | 020×009  | 2378-2650 | 1831 | 52178.394 | 100 |     |
| HD13745     |            |          |           |      |           |     |     |
| o6lz05010_1 | E140M-1425 | 020×020  | 1140-1709 | 1200 | 52473.626 | 95  |     |
| HD137595    |            |          |           |      |           |     |     |
| o6lj03010_1 | E140H-1271 | 020×009  | 1160-1356 | 840  | 52507.981 | 94  |     |
| o6lj03020_1 | E140H-1453 | 020×009  | 1358-1551 | 711  | 52507.994 | 99  |     |
| HD137759    |            |          |           |      |           |     |     |
| o92l41010_1 | E230H-2713 | 020×020  | 2576-2845 | 600  | 53187.644 | 99  |     |
| HD1383      |            |          |           |      |           |     |     |
| o5c07c010_1 | E140H-1271 | 020×020  | 1160-1356 | 1440 | 51490.918 | 90  |     |
| HD138769    |            |          |           |      |           |     |     |
| o8s603010_1 | E140M-1425 | 020×005N | 1140-1729 | 1875 | 52863.193 | 97  |     |
| HD140037    |            |          |           |      |           |     |     |
| o6lj04010_1 | E140H-1271 | 010×003  | 1160-1356 | 1433 | 52506.851 | 93  |     |
| HD140283    |            |          |           |      |           |     |     |
| o6lm71040_1 | E140M-1425 | 020×020  | 1140-1729 | 2899 | 52507.903 | 0   |     |
| o6lm71020_1 | E230H-2513 | 020×020  | 2377-2650 | 2899 | 52507.769 | 99  |     |
| o6lm71010_1 | E230H-2762 | 020×020  | 2620-2887 | 2380 | 52507.710 | 99  |     |
| o6lm71030_1 | E230H-3012 | 020×020  | 2885-3158 | 2899 | 52507.836 | 100 |     |
| o6kz04010_1 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52831.115 | 100 |     |
| o6kz04020_1 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52831.167 | 100 |     |

Table 4—Continued

| (1)                         | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|-----------------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o6kz04030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52831.234 | 100 |                |
| o6kz05010_1                 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52832.849 | 100 |                |
| o6kz05020_1                 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52832.901 | 100 |                |
| o6kz05030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52832.968 | 100 |                |
| o6kz06010_1                 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52836.785 | 100 |                |
| o6kz06020_1                 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52836.837 | 100 |                |
| o6kz06030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52836.904 | 100 |                |
| o6kz07010_1                 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52836.986 | 100 |                |
| o6kz07020_1                 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52837.037 | 100 |                |
| o6kz07030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52837.104 | 100 |                |
| o6kz03010_1                 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52842.589 | 100 |                |
| o6kz03020_1                 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52842.641 | 100 |                |
| o6kz03030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52842.708 | 100 |                |
| o6kz02010_1                 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52842.789 | 100 |                |
| o6kz02020_1                 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52842.841 | 100 |                |
| o6kz02030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52842.908 | 100 |                |
| o6kz08010_1                 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52843.723 | 100 |                |
| o6kz08020_1                 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52843.775 | 100 |                |
| o6kz08030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52843.842 | 100 |                |
| o6kz08040_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52843.908 | 100 |                |
| o6kz01010_1                 | E230H-3012 | 020×006F | 2885-3158 | 1710 | 52844.590 | 100 |                |
| o6kz01020_1                 | E230H-3012 | 020×006F | 2885-3158 | 2887 | 52844.642 | 100 |                |
| o6kz01030_1                 | E230H-3012 | 020×006F | 2885-3158 | 2866 | 52844.709 | 100 |                |
| HD141556 [2 anomalous exps] |            |          |           |      |           |     |                |
| o5km06060_1                 | E140H-1453 | 010×003  | 1358-1451 | 180  | 51441.828 | 8   |                |
| o5km06050_1                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.882 | 99  | +0.00          |
| o5km06050_2                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.903 | 99  | −0.42          |
| o5km06050_3                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.905 | 99  | −0.16          |
| o5km06050_4                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.908 | 99  | −0.40          |
| o5km06050_5                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.910 | 99  | −0.39          |
| o5km06050_6                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.912 | 99  | −0.15          |
| <b>o5km06050</b>            |            |          |           | 1080 | 51441.882 | 99  | 1426.37 [0.08] |
| o5km06040_1                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.949 | 99  | +0.00          |
| o5km06040_2                 | E140H-1453 | 010×003  | 1359-1551 | 180  | 51441.951 | 98  | +0.06          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5km06040_3      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.954 | 97  | −0.21          |
| o5km06040_4      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.956 | 97  | −0.20          |
| o5km06040_5      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.958 | 98  | −0.54          |
| o5km06040_6      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.961 | 98  | −0.10          |
| o5km06040_7      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.963 | 98  | −0.22          |
| o5km06040_8      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.966 | 98  | −0.35          |
| o5km06040_9      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.968 | 98  | −0.22          |
| o5km06040_10     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.970 | 98  | −0.33          |
| o5km06040_11     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.973 | 98  | −0.12          |
| o5km06040_12     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.975 | 98  | −0.48          |
| o5km06040_13     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.977 | 98  | −0.50          |
| o5km06040_14     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51441.980 | 97  | −0.26          |
| <b>o5km06040</b> |            |         |           | 2520 | 51441.949 | 99  | 1426.37 [0.08] |
| o5km56040_1      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.907 | 99  | +0.00          |
| o5km56040_2      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.911 | 99  | −0.20          |
| o5km56040_3      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.913 | 99  | −0.05          |
| o5km56040_4      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.916 | 99  | −0.10          |
| o5km56040_5      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.918 | 99  | −0.13          |
| o5km56040_6      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.921 | 99  | −0.11          |
| o5km56040_7      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.923 | 99  | −0.28          |
| <b>o5km56040</b> |            |         |           | 1260 | 51624.907 | 99  | 1426.37 [0.08] |
| o5km56030_1      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.958 | 99  | +0.00          |
| o5km56030_2      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.960 | 99  | +0.11          |
| o5km56030_3      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.963 | 99  | +0.16          |
| o5km56030_4      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.965 | 99  | −0.03          |
| o5km56030_5      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.967 | 99  | +0.26          |
| o5km56030_6      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.970 | 99  | +0.41          |
| o5km56030_7      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.972 | 99  | +0.60          |
| o5km56030_8      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.974 | 99  | +0.63          |
| o5km56030_9      | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.977 | 99  | +0.69          |
| o5km56030_10     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.979 | 99  | +0.72          |
| o5km56030_11     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.981 | 99  | +0.69          |
| o5km56030_12     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.984 | 99  | +0.69          |
| o5km56030_13     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.986 | 99  | +0.70          |
| o5km56030_14     | E140H-1453 | 010×003 | 1359-1551 | 180  | 51624.989 | 99  | +0.47          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| <b>o5km56030</b> |            |         |           | 2520  | 51624.958 | 100 | 1426.37 [0.08] |
| HD141969         |            |         |           |       |           |     |                |
| o8o703010_1      | E140H-1234 | 020×009 | 1141-1335 | 2114  | 53219.813 | 83  | +0.00          |
| o8o703010_2      | E140H-1234 | 020×009 | 1141-1335 | 2114  | 53219.839 | 83  | −0.04          |
| o8o703010_3      | E140H-1234 | 020×009 | 1141-1335 | 2114  | 53219.866 | 83  | +0.43          |
| o8o703010_4      | E140H-1234 | 020×009 | 1141-1335 | 2114  | 53219.891 | 83  | +0.07          |
| o8o703010_5      | E140H-1234 | 020×009 | 1141-1335 | 2114  | 53219.918 | 83  | −0.59          |
| o8o703010_6      | E140H-1234 | 020×009 | 1141-1335 | 2114  | 53219.943 | 83  | +0.09          |
| o8o703010_7      | E140H-1234 | 020×009 | 1141-1335 | 2114  | 53219.970 | 83  | −0.14          |
| <b>o8o703010</b> |            |         |           | 14798 | 53219.813 | 89  | 1309.03 [0.09] |
| o8o705010_1      | E140H-1598 | 020×009 | 1494-1687 | 2116  | 53168.809 | 98  | +0.00          |
| o8o705010_2      | E140H-1598 | 020×009 | 1494-1687 | 2116  | 53168.835 | 98  | −0.83          |
| o8o705010_3      | E140H-1598 | 020×009 | 1494-1687 | 2116  | 53168.862 | 98  | −0.47          |
| o8o705010_4      | E140H-1598 | 020×009 | 1494-1687 | 2116  | 53168.887 | 98  | +0.01          |
| o8o705010_5      | E140H-1598 | 020×009 | 1494-1687 | 2116  | 53168.914 | 98  | −0.04          |
| o8o705010_6      | E140H-1598 | 020×009 | 1494-1687 | 2116  | 53168.939 | 98  | −0.20          |
| o8o705010_7      | E140H-1598 | 020×009 | 1494-1687 | 2116  | 53168.967 | 98  | −1.01          |
| <b>o8o705010</b> |            |         |           | 14812 | 53168.809 | 99  | 1526.85 [0.14] |
| HD142256         |            |         |           |       |           |     |                |
| o8s604010_1      | E140M-1425 | 020×006 | 1140-1729 | 1900  | 52865.460 | 95  |                |
| HD142315         |            |         |           |       |           |     |                |
| o5c03y010_1      | E140H-1271 | 020×020 | 1160-1356 | 720   | 51445.853 | 88  |                |
| HD142373         |            |         |           |       |           |     |                |
| o6mr02010_1      | E140M-1425 | 020×020 | 1140-1729 | 1908  | 52831.916 | 1   |                |
| o6mr02020_1      | E140M-1425 | 020×020 | 1140-1729 | 2942  | 52831.971 | 4   | +0.00          |
| o6mr02020_2      | E140M-1425 | 020×020 | 1140-1729 | 2942  | 52832.038 | 4   | +0.00          |
| o6mr02020_3      | E140M-1425 | 020×020 | 1140-1729 | 2942  | 52832.105 | 3   | +1.21          |
| <b>o6mr02020</b> |            |         |           | 8826  | 52831.971 | 14  | 1334.27 [0.19] |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o6mr03010_1      | E140M-1425 | 020×020 | 1140-1729 | 1908 | 52846.718 | 2   |                |
| o6mr03020_1      | E140M-1425 | 020×020 | 1140-1729 | 2942 | 52846.772 | 4   | +0.00          |
| o6mr03020_2      | E140M-1425 | 020×020 | 1140-1729 | 2942 | 52846.839 | 4   | -1.40          |
| o6mr03020_3      | E140M-1425 | 020×020 | 1140-1729 | 2942 | 52846.905 | 4   | +0.57          |
| <b>o6mr03020</b> |            |         |           | 8826 | 52846.772 | 16  | 1334.27 [0.19] |
| HD142560         |            |         |           |      |           |     |                |
| o5e305010_1      | E140M-1425 | 020×006 | 1140-1709 | 1950 | 51737.535 | 5   |                |
| o5e305020_1      | E140M-1425 | 020×006 | 1140-1709 | 2970 | 51737.589 | 7   |                |
| o5e305040_1      | E140M-1425 | 020×006 | 1140-1709 | 2070 | 51737.662 | 4   |                |
| o5e305050_1      | E140M-1425 | 020×006 | 1140-1709 | 2970 | 51737.723 | 7   |                |
| o5e305060_1      | E140M-1425 | 020×006 | 1140-1709 | 2570 | 51737.790 | 5   |                |
| HD142640         |            |         |           |      |           |     |                |
| o62u10010_1      | E230M-2707 | 020×006 | 2275-3118 | 1829 | 51808.480 | 100 |                |
| HD142763         |            |         |           |      |           |     |                |
| o5c040010_1      | E140H-1271 | 020×020 | 1163-1356 | 360  | 51716.279 | 93  |                |
| HD142860         |            |         |           |      |           |     |                |
| o62u11010_1      | E230H-2513 | 020×009 | 2385-2650 | 1822 | 52152.955 | 100 |                |
| HD14386          |            |         |           |      |           |     |                |
| o8wy03010_1      | E140M-1425 | 020×020 | 1140-1729 | 2100 | 53051.309 | 0   |                |
| o5a101010_1      | E230M-2707 | 020×006 | 2276-3119 | 600  | 51392.641 | 0   |                |
| o5a101020_1      | E230M-2707 | 020×006 | 2276-3119 | 991  | 51392.650 | 0   |                |
| o5a101030_1      | E230M-2707 | 020×006 | 2276-3119 | 1800 | 51392.695 | 0   |                |
| o5a101040_1      | E230M-2707 | 020×006 | 2276-3119 | 786  | 51392.719 | 0   |                |
| o5a101050_1      | E230M-2707 | 020×006 | 2276-3119 | 1361 | 51392.762 | 0   |                |
| o5a101060_1      | E230M-2707 | 020×006 | 2276-3119 | 1440 | 51392.778 | 0   |                |
| o5a101070_1      | E230M-2707 | 020×006 | 2276-3119 | 2852 | 51392.829 | 0   |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o8wy02010_1      | E230M-2707 | 020×020  | 2275-3118 | 900  | 53051.240 | 1   |                |
| HD14434          |            |          |           |      |           |     |                |
| o63508010_1      | E140M-1425 | 020×020  | 1140-1729 | 1440 | 52005.217 | 93  |                |
| HD144965         |            |          |           |      |           |     |                |
| o6lj05010_1      | E140H-1271 | 010×003  | 1160-1356 | 1510 | 52671.295 | 95  |                |
| HD146233         |            |          |           |      |           |     |                |
| o62u12010_1      | E230M-2707 | 020×006  | 2275-3118 | 1829 | 51941.684 | 100 |                |
| HD146813         |            |          |           |      |           |     |                |
| o63579010_1      | E140M-1425 | 020×020  | 1140-1729 | 720  | 52033.655 | 97  |                |
| HD147394         |            |          |           |      |           |     |                |
| o8rk49010_1      | E140M-1425 | 020×005N | 1140-1729 | 500  | 53154.151 | 93  |                |
| o8rk50010_1      | E230M-1978 | 020×005N | 1607-2365 | 350  | 53144.348 | 98  |                |
| HD147683         |            |          |           |      |           |     |                |
| o6lj06020_1      | E140H-1271 | 020×009  | 1160-1356 | 2940 | 52725.449 | 92  |                |
| o6lj06010_1      | E140H-1453 | 020×009  | 1359-1551 | 1903 | 52725.398 | 99  |                |
| HD147888         |            |          |           |      |           |     |                |
| o59s05010_1      | E140H-1271 | 020×009  | 1160-1356 | 855  | 51773.247 | 89  | +0.00          |
| o59s05010_2      | E140H-1271 | 020×009  | 1160-1356 | 801  | 51773.259 | 89  | +0.08          |
| <b>o59s05010</b> |            |          |           | 1656 | 51773.247 | 90  | 1329.06 [0.07] |
| o6lb04010_1      | E230H-2263 | 020×020F | 2128-2396 | 858  | 52733.873 | 99  | +0.00          |
| o6lb04010_2      | E230H-2263 | 020×020F | 2128-2396 | 794  | 52733.885 | 99  | +0.15          |
| <b>o6lb04010</b> |            |          |           | 1652 | 52733.873 | 99  | 2344.06 [0.17] |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o6lb04020_1      | E230H-2263 | 020×020F | 2128-2396 | 1300 | 52733.927 | 99  | +0.00          |
| o6lb04020_2      | E230H-2263 | 020×020F | 2128-2396 | 1248 | 52733.946 | 99  | +0.43          |
| <b>o6lb04020</b> |            |          |           | 2548 | 52733.927 | 99  | 2344.06 [0.17] |
| o6lb04030_1      | E230H-2263 | 020×020F | 2128-2396 | 1300 | 52733.994 | 99  | +0.00          |
| o6lb04030_2      | E230H-2263 | 020×020F | 2128-2396 | 1248 | 52734.012 | 99  | +0.17          |
| <b>o6lb04030</b> |            |          |           | 2548 | 52733.994 | 99  | 2344.06 [0.17] |
| o6lb04040_1      | E230H-2263 | 020×020F | 2128-2396 | 1300 | 52734.060 | 99  | +0.00          |
| o6lb04040_2      | E230H-2263 | 020×020F | 2128-2396 | 1248 | 52734.079 | 99  | +0.37          |
| <b>o6lb04040</b> |            |          |           | 2548 | 52734.060 | 99  | 2344.06 [0.17] |
| HD148594         |            |          |           |      |           |     |                |
| o5c04a010_1      | E140H-1271 | 020×020  | 1163-1356 | 720  | 51684.643 | 89  |                |
| HD148937         |            |          |           |      |           |     |                |
| o6f301020_1      | E140H-1380 | 020×009  | 1280-1475 | 883  | 52168.875 | 99  |                |
| o6f301010_1      | E140H-1562 | 020×009  | 1463-1661 | 883  | 52168.861 | 99  |                |
| HD150177         |            |          |           |      |           |     |                |
| o4ao10010_1      | E230M-2707 | 020×006  | 2275-3118 | 1440 | 50897.978 | 100 |                |
| HD150798         |            |          |           |      |           |     |                |
| o5a501010_1      | E140M-1425 | 020×020  | 1140-1709 | 2250 | 51382.092 | 37  | +0.00          |
| o5a501010_2      | E140M-1425 | 020×020  | 1140-1709 | 2250 | 51382.119 | 37  | −0.12          |
| o5a501010_3      | E140M-1425 | 020×020  | 1140-1709 | 2250 | 51382.148 | 37  | +0.19          |
| o5a501010_4      | E140M-1425 | 020×020  | 1140-1709 | 2250 | 51382.174 | 37  | +0.66          |
| <b>o5a501010</b> |            |          |           | 9000 | 51382.092 | 74  | 1302.39 [0.23] |
| o5a501030_1      | E230H-2663 | 020×009  | 2525-2793 | 500  | 51382.251 | 99  | +0.00          |
| o5a501030_2      | E230H-2663 | 020×009  | 2525-2793 | 500  | 51382.258 | 99  | −0.04          |
| <b>o5a501030</b> |            |          |           | 1000 | 51382.251 | 99  | 2733.21 [0.24] |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o5a501040_1      | E230H-2862 | 020×009  | 2722-2988 | 250  | 51382.269 | 99  |                |
| o5a501020_1      | E230M-2124 | 020×006  | 1716-2509 | 1635 | 51382.206 | 75  | +0.00          |
| o5a501020_2      | E230M-2124 | 020×006  | 1716-2509 | 1635 | 51382.227 | 72  | +1.16          |
| <b>o5a501020</b> |            |          |           | 3270 | 51382.206 | 78  | 2403.34 [0.47] |
| HD15137          |            |          |           |      |           |     |                |
| o5lh02010_1      | E140H-1271 | 010×003  | 1160-1356 | 690  | 51628.823 | 91  |                |
| o5lh02020_1      | E140H-1271 | 010×003  | 1160-1356 | 627  | 51628.833 | 91  |                |
| o5lh02030_1      | E140H-1271 | 010×003  | 1160-1356 | 820  | 51628.882 | 92  |                |
| o5lh02040_1      | E140H-1271 | 010×003  | 1160-1356 | 820  | 51628.892 | 92  |                |
| o5lh02050_1      | E230H-1763 | 010×003  | 1628-1901 | 865  | 51628.908 | 99  |                |
| o5lh02060_1      | E230H-1763 | 010×003  | 1628-1901 | 820  | 51628.949 | 99  |                |
| o5lh02070_1      | E230H-1763 | 010×003  | 1628-1901 | 984  | 51628.958 | 99  |                |
| o5lh02080_1      | E230H-1763 | 010×003  | 1628-1901 | 984  | 51628.973 | 99  |                |
| HD151805         |            |          |           |      |           |     |                |
| o6lz63010_1      | E140M-1425 | 020×020  | 1140-1729 | 1200 | 52732.334 | 94  |                |
| HD152590         |            |          |           |      |           |     |                |
| o5c08p010_1      | E140H-1271 | 020×020  | 1160-1356 | 1440 | 51606.652 | 92  |                |
| o8na04010_1      | E140H-1271 | 020×020  | 1160-1356 | 1120 | 52899.407 | 92  | +0.00          |
| o8na04010_2      | E140H-1271 | 020×020  | 1160-1356 | 1120 | 52899.422 | 92  | +0.09          |
| <b>o8na04010</b> |            |          |           | 2240 | 52899.407 | 92  | 1347.22 [0.07] |
| o8na04020_1      | E140H-1271 | 020×020  | 1160-1356 | 1346 | 52899.465 | 92  | +0.00          |
| o8na04020_2      | E140H-1271 | 020×020  | 1160-1356 | 1346 | 52899.484 | 92  | +0.46          |
| o8na04020_3      | E140H-1271 | 020×020  | 1160-1356 | 1346 | 52899.532 | 92  | −0.01          |
| o8na04020_4      | E140H-1271 | 020×020  | 1160-1356 | 1346 | 52899.551 | 92  | +0.21          |
| o8na04020_5      | E140H-1271 | 020×020  | 1160-1356 | 1346 | 52899.599 | 92  | −0.25          |
| o8na04020_6      | E140H-1271 | 020×020  | 1160-1356 | 1346 | 52899.617 | 92  | +0.17          |
| <b>o8na04020</b> |            |          |           | 8076 | 52899.465 | 93  | 1347.22 [0.07] |
| o6lb05010_1      | E230H-2263 | 020×020F | 2128-2396 | 906  | 52731.942 | 99  | +0.00          |



Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o6lb05010_2      | E230H-2263 | 020×020F | 2128-2396 | 796  | 52731.954 | 99  | −0.26          |
| <b>o6lb05010</b> |            |          |           | 1701 | 52731.942 | 99  | 2344.43 [0.17] |
| o6lb05020_1      | E230H-2263 | 020×020F | 2128-2396 | 1358 | 52731.995 | 99  | +0.00          |
| o6lb05020_2      | E230H-2263 | 020×020F | 2128-2396 | 1255 | 52732.014 | 99  | −0.24          |
| <b>o6lb05020</b> |            |          |           | 2613 | 52731.995 | 99  | 2344.43 [0.17] |
| o6lb05030_1      | E230H-2263 | 020×020F | 2128-2396 | 1358 | 52732.062 | 99  | +0.00          |
| o6lb05030_2      | E230H-2263 | 020×020F | 2128-2396 | 1255 | 52732.081 | 99  | −0.19          |
| <b>o6lb05030</b> |            |          |           | 2613 | 52732.062 | 99  | 2344.43 [0.17] |
| o6lb05040_1      | E230H-2263 | 020×020F | 2128-2396 | 1358 | 52732.129 | 99  | +0.00          |
| o6lb05040_2      | E230H-2263 | 020×020F | 2128-2396 | 1255 | 52732.148 | 99  | +0.16          |
| <b>o6lb05040</b> |            |          |           | 2613 | 52732.129 | 99  | 2344.43 [0.17] |
| HD152723         |            |          |           |      |           |     |                |
| o63586010.1      | E140H-1489 | 020×020  | 1390-1586 | 720  | 51760.377 | 99  |                |
| HD154417         |            |          |           |      |           |     |                |
| o62u13010.1      | E230M-2707 | 020×006  | 2275-3118 | 1829 | 51975.757 | 100 |                |
| HD155646         |            |          |           |      |           |     |                |
| o6e609010.1      | E230M-2415 | 020×006  | 1965-2819 | 1927 | 52163.993 | 99  |                |
| HD155886         |            |          |           |      |           |     |                |
| o4wf01030_1      | E140H-1271 | 020×020  | 1160-1356 | 2923 | 51461.294 | 3   | +0.00          |
| o4wf01030_2      | E140H-1271 | 020×020  | 1160-1356 | 2923 | 51461.361 | 3   | +0.07          |
| o4wf01030_3      | E140H-1271 | 020×020  | 1160-1356 | 2923 | 51461.428 | 3   | −0.24          |
| <b>o4wf01030</b> |            |          |           | 8769 | 51461.294 | 4   | 1335.71 [0.20] |
| o4wf01010.1      | E230H-2563 | 010×020  | 2430-2705 | 720  | 51461.240 | 99  |                |
| o4wf01020.1      | E230H-2812 | 010×020  | 2665-2942 | 767  | 51461.252 | 99  |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| HD156110    |            |         |           |      |           |     |     |
| o5c01k010_1 | E140H-1271 | 020×020 | 1163-1356 | 360  | 51373.349 | 96  |     |
| HD156359    |            |         |           |      |           |     |     |
| o6lz70010_1 | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52724.349 | 96  |     |
| HD157214    |            |         |           |      |           |     |     |
| o62u14010_1 | E230H-2513 | 020×009 | 2378-2650 | 1870 | 51969.114 | 99  |     |
| HD157466    |            |         |           |      |           |     |     |
| o6lm81020_1 | E230H-2513 | 020×020 | 2377-2650 | 2906 | 52535.082 | 99  |     |
| o6lm81040_1 | E230H-2513 | 020×020 | 2377-2650 | 2906 | 52535.216 | 99  |     |
| o6lm81030_1 | E230H-2762 | 020×020 | 2620-2887 | 2906 | 52535.149 | 99  |     |
| o6lm81010_1 | E230H-3012 | 020×020 | 2885-3158 | 2387 | 52535.023 | 100 |     |
| HD157856    |            |         |           |      |           |     |     |
| o6e610010_1 | E230M-2415 | 020×006 | 1965-2819 | 1927 | 52172.620 | 99  |     |
| HD157857    |            |         |           |      |           |     |     |
| o5c04d010_1 | E140H-1271 | 020×020 | 1163-1356 | 720  | 51698.384 | 91  |     |
| HD15798     |            |         |           |      |           |     |     |
| o62u04010_1 | E230H-2513 | 020×009 | 2377-2650 | 1822 | 51896.326 | 99  |     |
| HD158643    |            |         |           |      |           |     |     |
| o6lt01020_1 | E140H-1380 | 020×020 | 1280-1475 | 500  | 52785.107 | 99  |     |
| o6lt01010_1 | E140H-1562 | 020×020 | 1463-1661 | 630  | 52785.095 | 99  |     |
| o6lt01030_1 | E230H-1763 | 020×020 | 1629-1901 | 500  | 52785.117 | 99  |     |
| o6lt01040_1 | E230H-2013 | 010×003 | 1879-2150 | 340  | 52785.170 | 99  |     |

Table 4—Continued

| (1)         | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)   |
|-------------|------------|----------|-----------|------|-----------|-----|-------|
| o6lt01050_1 | E230H-2263 | 010×003  | 2128-2396 | 260  | 52785.178 | 99  |       |
| o6lt01060_1 | E230H-2713 | 010×003  | 2576-2845 | 240  | 52785.186 | 99  |       |
| HD160617    |            |          |           |      |           |     |       |
| o5cn05010_1 | E230H-2013 | 020×009  | 1879-2149 | 2000 | 51480.838 | 86  |       |
| o5cn05020_1 | E230H-2013 | 020×009  | 1879-2149 | 3000 | 51480.893 | 90  |       |
| o5cn05030_1 | E230H-2013 | 020×009  | 1879-2149 | 2598 | 51480.960 | 88  |       |
| o5cn05040_1 | E230H-2013 | 020×009  | 1879-2149 | 2533 | 51481.032 | 87  |       |
| o5cn05050_1 | E230H-2013 | 020×009  | 1879-2149 | 3000 | 51481.095 | 89  |       |
| o5cn06010_1 | E230H-2013 | 020×009  | 1879-2150 | 2000 | 51618.939 | 86  |       |
| o5cn06020_1 | E230H-2013 | 020×009  | 1879-2150 | 3000 | 51618.994 | 90  |       |
| o5cn06030_1 | E230H-2013 | 020×009  | 1879-2150 | 2598 | 51619.062 | 88  |       |
| o5cn06040_1 | E230H-2013 | 020×009  | 1879-2150 | 2533 | 51619.196 | 87  |       |
| o5cn06050_1 | E230H-2013 | 020×009  | 1879-2150 | 3000 | 51619.263 | 89  |       |
| o5cn54010_1 | E230H-2013 | 020×009  | 1879-2149 | 2000 | 51787.464 | 86  |       |
| o5cn54020_1 | E230H-2013 | 020×009  | 1879-2149 | 3000 | 51787.518 | 89  |       |
| o5cn54030_1 | E230H-2013 | 020×009  | 1879-2149 | 2598 | 51787.585 | 86  |       |
| o5cn54040_1 | E230H-2013 | 020×009  | 1879-2149 | 2533 | 51787.656 | 86  |       |
| o5cn54050_1 | E230H-2013 | 020×009  | 1879-2149 | 3000 | 51787.719 | 88  |       |
| HD160641    |            |          |           |      |           |     |       |
| o66v02010_1 | E140M-1425 | 020×020  | 1140-1729 | 150  | 51840.780 | 83  |       |
| HD160762    |            |          |           |      |           |     |       |
| o8rk55010_1 | E140M-1425 | 020×005N | 1140-1729 | 400  | 53049.360 | 94  |       |
| o8rk56010_1 | E230M-1978 | 020×005N | 1607-2365 | 250  | 53011.218 | 99  |       |
| HD161044    |            |          |           |      |           |     |       |
| o8o708010_1 | E140H-1234 | 020×009  | 1141-1335 | 2072 | 52898.742 | 86  |       |
| o8o708020_1 | E140H-1234 | 020×009  | 1141-1335 | 1365 | 52898.802 | 83  | +0.00 |
| o8o708020_2 | E140H-1234 | 020×009  | 1141-1335 | 1365 | 52898.820 | 83  | +0.22 |
| o8o708020_3 | E140H-1234 | 020×009  | 1141-1335 | 1365 | 52898.868 | 83  | +0.31 |
| o8o708020_4 | E140H-1234 | 020×009  | 1141-1335 | 1365 | 52898.887 | 83  | +0.32 |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| <b>o8o708020</b> |            |         |           | 5460 | 52898.802 | 88  | 1277.23 [0.08] |
| o8o709010_1      | E140H-1234 | 020×009 | 1141-1335 | 2072 | 53212.056 | 85  |                |
| o8o709020_1      | E140H-1234 | 020×009 | 1141-1335 | 1365 | 53212.108 | 84  | +0.00          |
| o8o709020_2      | E140H-1234 | 020×009 | 1141-1335 | 1365 | 53212.127 | 83  | −0.34          |
| o8o709020_3      | E140H-1234 | 020×009 | 1141-1335 | 1365 | 53212.175 | 84  | +0.32          |
| o8o709020_4      | E140H-1234 | 020×009 | 1141-1335 | 1365 | 53212.193 | 83  | +0.00          |
| <b>o8o709020</b> |            |         |           | 5460 | 53212.108 | 88  | 1277.23 [0.08] |
| o8o711010_1      | E140H-1598 | 020×009 | 1494-1687 | 2077 | 52899.680 | 97  |                |
| o8o711020_1      | E140H-1598 | 020×009 | 1494-1687 | 1367 | 52899.735 | 96  | +0.00          |
| o8o711020_2      | E140H-1598 | 020×009 | 1494-1687 | 1367 | 52899.754 | 97  | −0.70          |
| o8o711020_3      | E140H-1598 | 020×009 | 1494-1687 | 1367 | 52899.802 | 96  | −0.01          |
| o8o711020_4      | E140H-1598 | 020×009 | 1494-1687 | 1367 | 52899.820 | 96  | −0.72          |
| <b>o8o711020</b> |            |         |           | 5468 | 52899.735 | 97  | 1526.95 [0.13] |
| HD161817         |            |         |           |      |           |     |                |
| o8qy18020_1      | E140M-1425 | 020×020 | 1140-1729 | 1021 | 53212.938 | 48  |                |
| o8qy18010_1      | E230M-2707 | 020×020 | 2275-3118 | 970  | 53212.923 | 100 |                |
| HD16220          |            |         |           |      |           |     |                |
| o6e603010_1      | E230M-2415 | 020×006 | 1984-2818 | 1975 | 52311.128 | 99  |                |
| HD163296         |            |         |           |      |           |     |                |
| o4xn05040_1      | E140M-1425 | 020×006 | 1140-1728 | 800  | 51096.977 | 75  | +0.00          |
| o4xn05040_2      | E140M-1425 | 020×006 | 1140-1728 | 800  | 51096.988 | 75  | +1.42          |
| <b>o4xn05040</b> |            |         |           | 1600 | 51096.977 | 79  | 1624.17 [0.71] |
| o66q01030_1      | E140M-1425 | 020×006 | 1140-1709 | 2760 | 51746.639 | 83  |                |
| o66q01010_1      | E230M-1978 | 020×006 | 1607-2365 | 1144 | 51746.584 | 93  |                |
| o66q01020_1      | E230M-2707 | 020×006 | 2274-3116 | 432  | 51746.601 | 99  |                |
| HD163758         |            |         |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o63595010_1      | E140H-1489 | 020×020 | 1390-1586 | 720  | 51948.526 | 95  |                |
| HD16399          |            |         |           |      |           |     |                |
| o62u05010_1      | E230M-2707 | 020×006 | 2275-3119 | 1829 | 51809.056 | 100 |                |
| HD164340         |            |         |           |      |           |     |                |
| o5c08r010_1      | E140H-1271 | 020×020 | 1163-1356 | 1440 | 51722.853 | 93  |                |
| HD164963         |            |         |           |      |           |     |                |
| o8o707010_1      | E140H-1234 | 020×009 | 1141-1335 | 2150 | 53190.553 | 92  | +0.00          |
| o8o707010_2      | E140H-1234 | 020×009 | 1141-1335 | 2150 | 53190.580 | 92  | −0.31          |
| <b>o8o707010</b> |            |         |           | 4300 | 53190.553 | 93  | 1302.22 [0.12] |
| o8o707020_1      | E140H-1416 | 020×009 | 1316-1517 | 2440 | 53190.610 | 99  |                |
| HD165185         |            |         |           |      |           |     |                |
| o6co07050_1      | E140M-1425 | 020×020 | 1140-1729 | 864  | 52169.966 | 1   |                |
| o6co07040_1      | E140M-1425 | 020×020 | 1140-1729 | 2977 | 52170.004 | 2   |                |
| o6co07060_1      | E230M-2707 | 020×020 | 2275-3118 | 1200 | 52169.948 | 100 |                |
| HD165195         |            |         |           |      |           |     |                |
| o5f608010_1      | E230M-2707 | 020×006 | 2275-3118 | 1858 | 51467.082 | 64  |                |
| o5f608020_1      | E230M-2707 | 020×006 | 2275-3118 | 2899 | 51467.136 | 69  |                |
| HD165246         |            |         |           |      |           |     |                |
| o8na05010_1      | E140H-1271 | 020×020 | 1160-1356 | 1079 | 52864.527 | 92  | +0.00          |
| o8na05010_2      | E140H-1271 | 020×020 | 1160-1356 | 1079 | 52864.541 | 93  | −0.40          |
| <b>o8na05010</b> |            |         |           | 2158 | 52864.527 | 93  | 1347.20 [0.07] |
| o8na05020_1      | E140H-1271 | 020×020 | 1160-1356 | 1313 | 52864.587 | 93  | +0.00          |
| o8na05020_2      | E140H-1271 | 020×020 | 1160-1356 | 1313 | 52864.605 | 93  | −0.52          |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| <b>o8na05020</b> |            |          |           | 2626 | 52864.587 | 93  | 1347.20 [0.07] |
| HD165341         |            |          |           |      |           |     |                |
| o5bn05050_1      | E140M-1425 | 020×020  | 1140-1729 | 2011 | 51779.885 | 4   |                |
| o5bn05060_1      | E140M-1425 | 020×020  | 1140-1729 | 2899 | 51779.944 | 6   | +0.00          |
| o5bn05060_2      | E140M-1425 | 020×020  | 1140-1729 | 2899 | 51780.011 | 6   | +0.00          |
| <b>o5bn05060</b> |            |          |           | 5798 | 51779.944 | 10  | 1335.69 [0.18] |
| o5bn05030_1      | E230H-2663 | 020×009  | 2525-2804 | 500  | 51779.820 | 99  | +0.00          |
| o5bn05030_2      | E230H-2663 | 020×009  | 2525-2804 | 500  | 51779.827 | 99  | +0.10          |
| <b>o5bn05030</b> |            |          |           | 1000 | 51779.820 | 99  | 2600.13 [0.20] |
| o5bn05040_1      | E230H-2862 | 020×009  | 2722-2999 | 378  | 51779.837 | 99  |                |
| o5bn05010_1      | E230M-2124 | 020×006  | 1687-2509 | 1820 | 51779.756 | 65  |                |
| o5bn05020_1      | E230M-2124 | 020×006  | 1687-2509 | 500  | 51779.810 | 53  |                |
| HD16582          |            |          |           |      |           |     |                |
| o4w240040_1      | E230H-2013 | 020×005N | 1879-2149 | 33   | 51201.709 | 91  |                |
| o4w240050_1      | E230H-2013 | 020×005N | 1879-2149 | 1328 | 51201.743 | 100 |                |
| o4w240060_1      | E230H-2013 | 020×005N | 1879-2149 | 1368 | 51201.758 | 100 |                |
| o4w240020_1      | E230H-2063 | 020×005N | 1930-2204 | 1140 | 51201.676 | 100 |                |
| o4w240030_1      | E230H-2063 | 020×005N | 1930-2204 | 1140 | 51201.691 | 100 |                |
| o4w240010_1      | E230H-2113 | 020×005N | 1975-2249 | 1634 | 51201.624 | 100 |                |
| HD165908         |            |          |           |      |           |     |                |
| o62u15010_1      | E230H-2513 | 020×009  | 2385-2650 | 1870 | 51851.165 | 99  |                |
| HD165955         |            |          |           |      |           |     |                |
| o63599010_1      | E140M-1425 | 020×020  | 1140-1709 | 1440 | 52040.458 | 96  |                |
| HD166            |            |          |           |      |           |     |                |
| o61t01010_1      | E140M-1425 | 020×020  | 1140-1729 | 2339 | 51802.206 | 2   |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| HD166913         |            |         |           |      |           |     |                |
| o8oe04010_1      | E230M-2707 | 020×006 | 2275-3118 | 2038 | 53055.542 | 99  |                |
| o8oe04020_1      | E230M-2707 | 020×006 | 2275-3118 | 3062 | 53055.567 | 99  |                |
| o8oe04030_1      | E230M-2707 | 020×006 | 2275-3118 | 3062 | 53055.606 | 99  |                |
| HD167362         |            |         |           |      |           |     |                |
| o59c01010_1      | E140M-1425 | 020×020 | 1140-1729 | 700  | 51792.682 | 84  | +0.00          |
| o59c01010_2      | E140M-1425 | 020×020 | 1140-1729 | 763  | 51792.692 | 85  | +0.98          |
| o59c01010_3      | E140M-1425 | 020×020 | 1140-1729 | 840  | 51792.701 | 86  | +0.28          |
| <b>o59c01010</b> |            |         |           | 2303 | 51792.682 | 89  | 1335.33 [0.11] |
| HD168476         |            |         |           |      |           |     |                |
| o6mb05010_1      | E230M-2269 | 020×006 | 1840-2672 | 2058 | 52836.064 | 99  |                |
| o6mb05020_1      | E230M-2269 | 020×006 | 1840-2672 | 3135 | 52836.117 | 99  |                |
| HD168941         |            |         |           |      |           |     |                |
| o6lz81010_1      | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52800.770 | 95  |                |
| HD16895          |            |         |           |      |           |     |                |
| o62u06010_1      | E230H-2513 | 020×009 | 2377-2650 | 1979 | 51890.425 | 100 |                |
| HD175156         |            |         |           |      |           |     |                |
| o5c01o010_1      | E140H-1271 | 020×020 | 1160-1356 | 720  | 51601.642 | 92  |                |
| HD175305         |            |         |           |      |           |     |                |
| o5f609010_1      | E230M-2707 | 020×006 | 2275-3119 | 2195 | 51412.512 | 99  |                |
| HD175360         |            |         |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5c047010_1      | E140H-1271 | 020×020 | 1160-1356 | 360  | 51660.326 | 92  |                |
| HD177989         |            |         |           |      |           |     |                |
| o57r03010_1      | E140H-1271 | 020×009 | 1163-1356 | 1660 | 51326.003 | 93  |                |
| o57r03020_1      | E140H-1271 | 020×009 | 1163-1356 | 2897 | 51326.055 | 94  |                |
| o57r03030_1      | E140H-1453 | 020×009 | 1359-1551 | 2897 | 51326.122 | 99  | +0.00          |
| o57r03030_2      | E140H-1453 | 020×009 | 1359-1551 | 2897 | 51326.189 | 99  | −0.04          |
| o57r03030_3      | E140H-1453 | 020×009 | 1359-1551 | 2897 | 51326.256 | 99  | +0.02          |
| <b>o57r03030</b> |            |         |           | 8691 | 51326.122 | 99  | 1527.02 [0.06] |
| o57r04010_1      | E140H-1489 | 020×009 | 1390-1586 | 1665 | 51319.284 | 99  |                |
| o57r04020_1      | E140H-1489 | 020×009 | 1390-1586 | 2897 | 51319.336 | 99  | +0.00          |
| o57r04020_2      | E140H-1489 | 020×009 | 1390-1586 | 2897 | 51319.403 | 99  | −0.07          |
| o57r04020_3      | E140H-1489 | 020×009 | 1390-1586 | 2897 | 51319.470 | 99  | −0.40          |
| <b>o57r04020</b> |            |         |           | 8691 | 51319.336 | 99  | 1527.02 [0.06] |
| o44n021a0_1      | E230H-2713 | 100×006 | 2576-2845 | 920  | 50645.913 | 98  |                |
| o44n02190_1      | E230H-2713 | 100×006 | 2576-2845 | 1200 | 50645.976 | 98  |                |
| o44n02180_1      | E230H-2713 | 100×006 | 2576-2845 | 1200 | 50646.042 | 98  |                |
| o44n02170_1      | E230H-2713 | 100×006 | 2576-2845 | 1200 | 50646.109 | 98  |                |
| o44n02160_1      | E230H-2713 | 100×006 | 2576-2845 | 1200 | 50646.177 | 98  |                |
| HD17948          |            |         |           |      |           |     |                |
| o6e604010_1      | E230H-2513 | 020×009 | 2378-2650 | 3960 | 52510.527 | 100 |                |
| HD18100          |            |         |           |      |           |     |                |
| o63511010_1      | E140H-1489 | 020×020 | 1390-1586 | 720  | 51747.754 | 99  |                |
| HD183344         |            |         |           |      |           |     |                |
| o8mi01010_1      | E230H-1763 | 020×009 | 1628-1901 | 1633 | 52852.535 | 1   |                |
| o8mi01020_1      | E230H-1763 | 020×009 | 1628-1901 | 2871 | 52852.587 | 2   |                |
| o8mi01030_1      | E230H-1763 | 020×009 | 1628-1901 | 2871 | 52852.653 | 2   |                |
| o8mi01040_1      | E230H-1763 | 020×009 | 1628-1901 | 1863 | 52852.732 | 1   |                |



Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o8mi01050_1      | E230H-1763 | 020×009 | 1628-1901 | 2871 | 52852.787 | 1   |                |
| o8mi02010_1      | E230H-1763 | 020×009 | 1628-1901 | 1633 | 52853.402 | 1   |                |
| o8mi02020_1      | E230H-1763 | 020×009 | 1628-1901 | 2871 | 52853.454 | 2   |                |
| o8mi02030_1      | E230H-1763 | 020×009 | 1628-1901 | 2871 | 52853.520 | 2   |                |
| HD184499         |            |         |           |      |           |     |                |
| o6lm91050_1      | E140M-1425 | 020×020 | 1140-1729 | 2945 | 52528.412 | 0   |                |
| o6lm91020_1      | E230H-2513 | 020×020 | 2377-2650 | 2945 | 52528.212 | 99  |                |
| o6lm91040_1      | E230H-2513 | 020×020 | 2377-2650 | 2945 | 52528.345 | 99  |                |
| o6lm91030_1      | E230H-2762 | 020×020 | 2620-2887 | 2945 | 52528.278 | 99  |                |
| o6lm91010_1      | E230H-3012 | 020×020 | 2885-3158 | 2426 | 52528.154 | 100 |                |
| o56d15010_1      | E230M-2707 | 020×020 | 2275-3118 | 200  | 51168.671 | 99  |                |
| HD184738         |            |         |           |      |           |     |                |
| o52901010_1      | E140M-1425 | 020×006 | 1140-1729 | 600  | 51128.041 | 84  |                |
| o52901020_1      | E140M-1425 | 020×006 | 1140-1729 | 548  | 51128.050 | 84  | +0.00          |
| o52901020_2      | E140M-1425 | 020×006 | 1140-1729 | 600  | 51128.085 | 84  | −1.71          |
| o52901020_3      | E140M-1425 | 020×006 | 1140-1729 | 600  | 51128.092 | 84  | −2.10          |
| o52901020_4      | E140M-1425 | 020×006 | 1140-1729 | 1476 | 51128.102 | 88  | −0.66          |
| <b>o52901020</b> |            |         |           | 3224 | 51128.050 | 90  | 1334.88 [0.31] |
| o59c02010_1      | E140M-1425 | 020×020 | 1140-1729 | 700  | 51812.111 | 87  | +0.00          |
| o59c02010_2      | E140M-1425 | 020×020 | 1140-1729 | 763  | 51812.120 | 87  | −0.57          |
| o59c02010_3      | E140M-1425 | 020×020 | 1140-1729 | 840  | 51812.129 | 87  | −0.04          |
| <b>o59c02010</b> |            |         |           | 2303 | 51812.111 | 90  | 1334.88 [0.31] |
| o5ep02010_1      | E230H-2413 | 600×020 | 2272-2546 | 1080 | 51401.413 | 1   |                |
| o5ep02020_1      | E230H-2413 | 600×020 | 2272-2546 | 1065 | 51401.428 | 1   |                |
| o5ep01010_1      | E230H-2413 | 600×020 | 2272-2546 | 1080 | 51473.327 | 1   |                |
| o5ep01020_1      | E230H-2413 | 600×020 | 2272-2546 | 1065 | 51473.341 | 1   |                |
| HD184985         |            |         |           |      |           |     |                |
| o6e611010_1      | E230M-2415 | 020×006 | 1965-2819 | 1929 | 52167.612 | 99  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| HD185418         |            |         |           |       |           |     |                |
| o5c01q010_1      | E140H-1271 | 020×020 | 1163-1356 | 720   | 51376.098 | 94  |                |
| HD186478         |            |         |           |       |           |     |                |
| o5f610010_1      | E230M-2707 | 020×006 | 2274-3117 | 1802  | 51332.989 | 69  |                |
| o5f610020_1      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51333.044 | 73  | +0.00          |
| o5f610020_2      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51333.111 | 73  | +0.33          |
| o5f610020_3      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51333.178 | 72  | −0.10          |
| o5f610020_4      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51333.245 | 72  | −0.51          |
| <b>o5f610020</b> |            |         |           | 11588 | 51333.044 | 85  | 2995.64 [0.19] |
| o5f611010_1      | E230M-2707 | 020×006 | 2275-3119 | 1802  | 51411.224 | 69  |                |
| HD187311         |            |         |           |       |           |     |                |
| o8pg05010_1      | E140M-1425 | 020×020 | 1140-1729 | 2416  | 52951.751 | 96  |                |
| HD187691         |            |         |           |       |           |     |                |
| o52601020_1      | E230M-2707 | 020×006 | 2274-3117 | 1220  | 51289.868 | 100 |                |
| HD190009         |            |         |           |       |           |     |                |
| o6e612010_1      | E230M-2415 | 020×006 | 1965-2819 | 1934  | 52170.557 | 99  |                |
| HD1909           |            |         |           |       |           |     |                |
| o5c054010_1      | E140H-1271 | 020×020 | 1160-1356 | 720   | 51434.867 | 93  |                |
| HD190918         |            |         |           |       |           |     |                |
| o6359j010_1      | E140M-1425 | 020×020 | 1140-1729 | 720   | 51828.728 | 94  |                |
| HD191195         |            |         |           |       |           |     |                |

Table 4—Continued

| (1)                     | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------------------|------------|---------|-----------|------|-----------|-----|-----|
| o6e613010_1             | E230M-2415 | 020×006 | 1965-2819 | 2141 | 52194.426 | 100 |     |
| HD191466                |            |         |           |      |           |     |     |
| o8pg07010_1             | E140M-1425 | 020×020 | 1140-1729 | 2605 | 53161.946 | 96  |     |
| HD192035                |            |         |           |      |           |     |     |
| o6359k010_1             | E140M-1425 | 020×020 | 1140-1729 | 1440 | 51961.307 | 96  |     |
| HD192273                |            |         |           |      |           |     |     |
| o5c01r010_1             | E140H-1271 | 020×020 | 1163-1356 | 360  | 51711.059 | 95  |     |
| o44n010k0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.083 | 99  |     |
| o44n010j0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.107 | 99  |     |
| o44n010i0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.145 | 99  |     |
| o44n010h0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.169 | 99  |     |
| o44n010g0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.206 | 99  |     |
| o44n010f0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.230 | 99  |     |
| o44n010e0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.268 | 99  |     |
| o44n010d0_1             | E230H-2713 | 100×006 | 2576-2845 | 1600 | 50645.292 | 99  |     |
| HD192577 [VAR 3 epochs] |            |         |           |      |           |     |     |
| o6ff010d0_1             | E140H-1234 | 010×003 | 1141-1331 | 500  | 52127.536 | 81  |     |
| o6ff110d0_1             | E140H-1234 | 010×003 | 1141-1331 | 500  | 52242.451 | 94  |     |
| o6ff020d0_1             | E140H-1234 | 010×003 | 1141-1335 | 250  | 52514.867 | 91  |     |
| o6ff010e0_1             | E140H-1416 | 010×003 | 1316-1517 | 215  | 52127.507 | 97  |     |
| o6ff110e0_1             | E140H-1416 | 010×003 | 1316-1517 | 215  | 52242.428 | 99  |     |
| o6ff020c0_1             | E140H-1416 | 010×003 | 1316-1517 | 200  | 52514.875 | 99  |     |
| o6ff010c0_1             | E140H-1598 | 010×003 | 1499-1687 | 540  | 52127.545 | 95  |     |
| o6ff110c0_1             | E140H-1598 | 010×003 | 1494-1687 | 540  | 52242.460 | 99  |     |
| o6ff020b0_1             | E140H-1598 | 010×003 | 1494-1687 | 361  | 52514.882 | 99  |     |
| o6ff010a0_1             | E230H-1763 | 010×003 | 1629-1897 | 492  | 52127.566 | 74  |     |
| o6ff110a0_1             | E230H-1763 | 010×003 | 1628-1901 | 492  | 52242.481 | 99  |     |
| o6ff020e0_1             | E230H-1763 | 010×003 | 1629-1901 | 400  | 52514.858 | 99  |     |
| o6ff010f0_1             | E230H-2013 | 010×003 | 1879-2150 | 220  | 52127.499 | 94  |     |

Table 4—Continued

| (1)         | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|----------|-----------|------|-----------|-----|-----|
| o6ff110f0_1 | E230H-2013 | 010×003  | 1879-2149 | 220  | 52242.420 | 100 |     |
| o6ff020j0_1 | E230H-2013 | 010×003  | 1879-2150 | 200  | 52514.801 | 100 |     |
| o6ff020g0_1 | E230H-2263 | 010×003  | 2128-2396 | 144  | 52514.820 | 99  |     |
| o6ff020h0_1 | E230H-2513 | 010×003  | 2377-2650 | 120  | 52514.814 | 99  |     |
| o6ff010g0_1 | E230H-2762 | 010×003  | 2620-2887 | 180  | 52127.492 | 93  |     |
| o6ff110g0_1 | E230H-2762 | 010×003  | 2620-2887 | 180  | 52242.413 | 99  |     |
| o6ff020i0_1 | E230H-2762 | 010×003  | 2620-2887 | 160  | 52514.808 | 99  |     |
| o6ff010b0_1 | E230H-3012 | 010×003  | 2885-3159 | 400  | 52127.556 | 83  |     |
| o6ff110b0_1 | E230H-3012 | 010×003  | 2885-3158 | 400  | 52242.471 | 100 |     |
| o6ff020f0_1 | E230H-3012 | 010×003  | 2885-3158 | 300  | 52514.851 | 100 |     |
| HD192639    |            |          |           |      |           |     |     |
| o5c08t010_1 | E140H-1271 | 020×020  | 1160-1356 | 1440 | 51604.450 | 89  |     |
| HD19445     |            |          |           |      |           |     |     |
| o56d03010_1 | E230M-2707 | 020×020  | 2275-3118 | 600  | 51167.374 | 99  |     |
| o56d01010_1 | E230M-2707 | 020×020  | 2275-3118 | 540  | 51189.791 | 99  |     |
| HD195455    |            |          |           |      |           |     |     |
| o5c04l010_1 | E140H-1271 | 020×020  | 1160-1356 | 720  | 51491.988 | 95  |     |
| HD195965    |            |          |           |      |           |     |     |
| o6bg01010_1 | E140H-1307 | 010×003  | 1196-1397 | 415  | 52191.284 | 95  |     |
| o6bg01020_1 | E140H-1489 | 020×009  | 1390-1586 | 300  | 52191.293 | 99  |     |
| o6bg01030_1 | E230H-1913 | 020×009  | 1775-2053 | 445  | 52191.301 | 99  |     |
| HD196867    |            |          |           |      |           |     |     |
| o50001010_1 | E140H-1234 | 310×005N | 1141-1331 | 780  | 51471.322 | 86  |     |
| o50001020_1 | E140H-1234 | 310×005N | 1141-1331 | 822  | 51471.333 | 86  |     |
| o50001030_1 | E140H-1598 | 310×005N | 1494-1687 | 1020 | 51471.375 | 99  |     |
| o50001040_1 | E140H-1598 | 310×005N | 1494-1687 | 1684 | 51471.388 | 99  |     |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| HD197481    |            |         |           |      |           |     |     |
| o4z301010_1 | E140M-1425 | 020×020 | 1140-1729 | 2130 | 51062.512 | 3   |     |
| o4z301020_1 | E140M-1425 | 020×020 | 1140-1729 | 2660 | 51062.570 | 3   |     |
| o4z301030_1 | E140M-1425 | 020×020 | 1140-1729 | 2660 | 51062.637 | 3   |     |
| o4z301040_1 | E140M-1425 | 020×020 | 1140-1729 | 2655 | 51062.704 | 3   |     |
| HD198084    |            |         |           |      |           |     |     |
| o6e614010_1 | E230H-2513 | 020×009 | 2377-2650 | 3960 | 52241.249 | 100 |     |
| HD198478    |            |         |           |      |           |     |     |
| o5c06j010_1 | E140H-1271 | 020×020 | 1163-1356 | 720  | 51637.874 | 90  |     |
| HD198781    |            |         |           |      |           |     |     |
| o5c049010_1 | E140H-1271 | 020×020 | 1160-1356 | 360  | 51426.345 | 94  |     |
| HD1999      |            |         |           |      |           |     |     |
| o5c07d010_1 | E140H-1271 | 020×020 | 1160-1356 | 1440 | 51467.357 | 94  |     |
| HD200790    |            |         |           |      |           |     |     |
| o6e615010_1 | E230M-2415 | 020×006 | 1965-2819 | 1929 | 52199.372 | 99  |     |
| HD201272    |            |         |           |      |           |     |     |
| o5cl02030_1 | E140H-1598 | 600×020 | 1494-1687 | 533  | 51564.185 | 0   |     |
| o5cl02040_1 | E140H-1598 | 600×020 | 1494-1687 | 540  | 51564.193 | 0   |     |
| o5cl02050_1 | E140H-1598 | 600×020 | 1494-1687 | 540  | 51564.200 | 0   |     |
| o5cl02060_1 | E140H-1598 | 600×020 | 1494-1687 | 540  | 51564.207 | 0   |     |
| o5cl02070_1 | E140H-1598 | 600×020 | 1494-1687 | 540  | 51564.213 | 0   |     |
| HD201345    |            |         |           |      |           |     |     |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o5c050010_1 | E140H-1271 | 020×020 | 1163-1356 | 360  | 51377.175 | 95  |     |
| o6359p010_1 | E140H-1489 | 020×020 | 1390-1586 | 360  | 52020.748 | 99  |     |
| HD201891    |            |         |           |      |           |     |     |
| o56d18010_1 | E230M-2707 | 020×020 | 2275-3118 | 600  | 51149.596 | 100 |     |
| HD201908    |            |         |           |      |           |     |     |
| o5c051010_1 | E140H-1271 | 020×020 | 1160-1356 | 360  | 51442.997 | 88  |     |
| HD202347    |            |         |           |      |           |     |     |
| o5g301010_1 | E140H-1271 | 010×003 | 1160-1356 | 830  | 51460.253 | 94  |     |
| o5g301020_1 | E140H-1453 | 010×003 | 1359-1551 | 239  | 51460.267 | 99  |     |
| o5g301030_1 | E140H-1453 | 010×003 | 1359-1551 | 381  | 51460.293 | 99  |     |
| o5g301040_1 | E140H-1489 | 010×003 | 1390-1586 | 900  | 51460.302 | 99  |     |
| o5g301050_1 | E230H-1763 | 010×003 | 1628-1901 | 920  | 51460.318 | 99  |     |
| o5g301060_1 | E230H-2013 | 010×003 | 1879-2149 | 700  | 51460.360 | 99  |     |
| o5g301070_1 | E230H-2263 | 010×003 | 2128-2396 | 708  | 51460.373 | 99  |     |
| o5g301080_1 | E230H-2513 | 010×003 | 2377-2650 | 840  | 51460.386 | 99  |     |
| HD203244    |            |         |           |      |           |     |     |
| o6co03050_1 | E140M-1425 | 020×020 | 1140-1729 | 1008 | 52151.035 | 0   |     |
| o6co03040_1 | E140M-1425 | 020×020 | 1140-1729 | 3152 | 52151.071 | 1   |     |
| o6co03060_1 | E230M-2707 | 020×020 | 2275-3119 | 1200 | 52151.017 | 100 |     |
| HD203338    |            |         |           |      |           |     |     |
| o5dn040b0_1 | E140M-1425 | 020×006 | 1140-1729 | 500  | 51403.425 | 94  |     |
| o5dn04090_1 | E230H-2263 | 020×009 | 2128-2396 | 350  | 51403.408 | 99  |     |
| o5dn04080_1 | E230H-2413 | 020×009 | 2273-2546 | 300  | 51403.401 | 99  |     |
| o5dn04070_1 | E230H-2563 | 020×009 | 2430-2706 | 300  | 51403.393 | 99  |     |
| o5dn04060_1 | E230H-2713 | 020×009 | 2576-2845 | 250  | 51403.386 | 99  |     |
| o5dn04050_1 | E230H-2862 | 020×009 | 2722-2999 | 250  | 51403.379 | 99  |     |
| o5dn04040_1 | E230H-3012 | 020×009 | 2885-3159 | 300  | 51403.371 | 100 |     |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5dn040a0_1      | E230M-1978 | 020×006 | 1607-2365 | 350  | 51403.417 | 99  |                |
| HD203374         |            |         |           |      |           |     |                |
| o5lh08010_1      | E140H-1271 | 010×003 | 1160-1356 | 1325 | 51626.883 | 93  |                |
| o5lh08020_1      | E140H-1271 | 010×003 | 1160-1356 | 1325 | 51626.900 | 93  |                |
| o5lh08030_1      | E140H-1271 | 010×003 | 1160-1356 | 1325 | 51626.918 | 93  |                |
| o5lh08040_1      | E230H-1763 | 010×003 | 1629-1901 | 1360 | 51626.939 | 99  |                |
| o5lh08050_1      | E230H-1763 | 010×003 | 1629-1901 | 1360 | 51626.955 | 99  |                |
| o5lh08060_1      | E230H-1763 | 010×003 | 1629-1901 | 1360 | 51626.974 | 99  |                |
| HD203387         |            |         |           |      |           |     |                |
| o5bn40010_1      | E140M-1425 | 020×020 | 1140-1729 | 1860 | 51649.391 | 5   |                |
| o5bn40020_1      | E140M-1425 | 020×020 | 1140-1729 | 2897 | 51649.445 | 9   | +0.00          |
| o5bn40020_2      | E140M-1425 | 020×020 | 1140-1729 | 2897 | 51649.512 | 8   | +0.31          |
| o5bn40020_3      | E140M-1425 | 020×020 | 1140-1729 | 2897 | 51649.579 | 8   | +0.36          |
| <b>o5bn40020</b> |            |         |           | 8691 | 51649.445 | 22  | 1306.10 [0.29] |
| o5bn40030_1      | E140M-1425 | 020×020 | 1140-1729 | 1100 | 51649.646 | 3   |                |
| o5bn40040_1      | E230H-2663 | 020×009 | 2526-2794 | 600  | 51649.663 | 99  | +0.00          |
| o5bn40040_2      | E230H-2663 | 020×009 | 2526-2794 | 600  | 51649.672 | 100 | −0.32          |
| <b>o5bn40040</b> |            |         |           | 1200 | 51649.663 | 100 | 2667.14 [0.13] |
| o5bn41030_1      | E230H-2862 | 020×009 | 2722-2988 | 480  | 51668.049 | 99  |                |
| o5bn41010_1      | E230M-2124 | 020×006 | 1716-2510 | 1827 | 51667.967 | 73  |                |
| o5bn41020_1      | E230M-2124 | 020×006 | 1716-2510 | 1900 | 51668.021 | 74  |                |
| HD203532         |            |         |           |      |           |     |                |
| o5c01s010_1      | E140H-1271 | 020×020 | 1163-1356 | 720  | 51724.087 | 93  |                |
| HD20395          |            |         |           |      |           |     |                |
| o6e605010_1      | E230M-2415 | 020×006 | 1965-2818 | 1929 | 52299.987 | 100 |                |
| HD204867         |            |         |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|-------|-----------|-----|----------------|
| o5bn50010_1      | E140M-1425 | 020×020  | 1140-1729 | 1840  | 51650.331 | 23  |                |
| o5bn50020_1      | E140M-1425 | 020×020  | 1140-1709 | 2897  | 51650.385 | 37  | +0.00          |
| o5bn50020_2      | E140M-1425 | 020×020  | 1140-1709 | 2897  | 51650.452 | 35  | +0.87          |
| o5bn50020_3      | E140M-1425 | 020×020  | 1140-1709 | 2897  | 51650.520 | 34  | +0.63          |
| o5bn50020_4      | E140M-1425 | 020×020  | 1140-1709 | 2897  | 51650.587 | 33  | +1.23          |
| <b>o5bn50020</b> |            |          |           | 11588 | 51650.385 | 69  | 1295.69 [0.20] |
| o5bn51040_1      | E140M-1425 | 020×020  | 1140-1729 | 1159  | 51662.275 | 9   |                |
| o5bn51050_1      | E140M-1425 | 020×020  | 1140-1729 | 2897  | 51662.322 | 33  |                |
| o5bn51030_1      | E230H-2663 | 020×009  | 2526-2794 | 600   | 51662.255 | 99  | +0.00          |
| o5bn51030_2      | E230H-2663 | 020×009  | 2526-2794 | 600   | 51662.264 | 99  | +0.19          |
| <b>o5bn51030</b> |            |          |           | 1200  | 51662.255 | 99  | 2661.82 [0.21] |
| o5bn51020_1      | E230H-2862 | 020×009  | 2722-3000 | 595   | 51662.214 | 99  |                |
| o5bn51010_1      | E230M-2124 | 020×006  | 1701-2510 | 1800  | 51662.134 | 87  | +0.00          |
| o5bn51010_2      | E230M-2124 | 020×006  | 1701-2510 | 1800  | 51662.188 | 87  | −0.60          |
| <b>o5bn51010</b> |            |          |           | 3600  | 51662.134 | 91  | 2427.62 [0.37] |
| HD205021         |            |          |           |       |           |     |                |
| o4w250050_1      | E230H-1963 | 020×005N | 1834-2103 | 684   | 51228.062 | 100 |                |
| o4w250030_1      | E230H-2013 | 020×005N | 1879-2150 | 684   | 51228.037 | 100 |                |
| o4w250010_1      | E230H-2063 | 020×005N | 1935-2205 | 900   | 51227.988 | 100 |                |
| o4w250020_1      | E230H-2063 | 020×005N | 1935-2205 | 900   | 51228.000 | 100 |                |
| o4w250040_1      | E230H-2113 | 020×005N | 1980-2249 | 684   | 51228.049 | 100 |                |
| HD205420         |            |          |           |       |           |     |                |
| o6e616010_1      | E230M-2415 | 020×006  | 1965-2819 | 1934  | 52220.955 | 99  |                |
| HD206267         |            |          |           |       |           |     |                |
| o5lh09010_1      | E140H-1271 | 010×003  | 1160-1356 | 711   | 51627.794 | 93  |                |
| o5lh09020_1      | E140H-1271 | 010×003  | 1160-1356 | 711   | 51627.804 | 93  |                |
| o5lh09030_1      | E230H-1763 | 010×003  | 1629-1901 | 711   | 51627.817 | 99  |                |
| o5lh09040_1      | E230H-1763 | 010×003  | 1629-1901 | 711   | 51627.826 | 99  |                |



Table 4—Continued

| (1)                     | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|-------------------------|------------|---------|-----------|------|-----------|-----|----------------|
| HD20630                 |            |         |           |      |           |     |                |
| o5bn03050_1             | E140M-1425 | 020×020 | 1140-1729 | 2007 | 51806.374 | 4   |                |
| o5bn03060_1             | E140M-1425 | 020×020 | 1140-1729 | 2899 | 51806.432 | 6   | +0.00          |
| o5bn03060_2             | E140M-1425 | 020×020 | 1140-1729 | 2899 | 51806.499 | 6   | −0.24          |
| <b>o5bn03060</b>        |            |         |           | 5798 | 51806.432 | 12  | 1335.80 [0.19] |
| o5bn03030_1             | E230H-2663 | 020×009 | 2526-2804 | 500  | 51806.309 | 100 | +0.00          |
| o5bn03030_2             | E230H-2663 | 020×009 | 2526-2804 | 500  | 51806.316 | 100 | −0.26          |
| <b>o5bn03030</b>        |            |         |           | 1000 | 51806.309 | 100 | 2668.08 [0.10] |
| o5bn03040_1             | E230H-2862 | 020×009 | 2722-3000 | 378  | 51806.326 | 100 |                |
| o5bn03010_1             | E230M-2124 | 020×006 | 1687-2510 | 1820 | 51806.244 | 71  |                |
| o5bn03020_1             | E230M-2124 | 020×006 | 1687-2510 | 500  | 51806.298 | 62  |                |
| HD206697 [VAR 4 epochs] |            |         |           |      |           |     |                |
| o57p01030_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51337.877 | 99  |                |
| o57p01040_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51337.945 | 99  |                |
| o57p02030_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51339.892 | 99  |                |
| o57p02040_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51339.959 | 99  |                |
| o57p03030_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51343.730 | 99  |                |
| o57p03040_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51343.793 | 99  |                |
| o57p04030_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51347.685 | 91  |                |
| o57p04040_1             | E140H-1598 | 020×020 | 1494-1687 | 2000 | 51347.752 | 91  |                |
| HD206773                |            |         |           |      |           |     |                |
| o5c04t010_1             | E140H-1271 | 020×020 | 1160-1356 | 360  | 51402.681 | 93  |                |
| HD207198                |            |         |           |      |           |     |                |
| o59s06010_1             | E140H-1271 | 020×009 | 1160-1356 | 950  | 51847.663 | 92  | +0.00          |
| o59s06010_2             | E140H-1271 | 020×009 | 1160-1356 | 906  | 51847.675 | 92  | −0.38          |
| <b>o59s06010</b>        |            |         |           | 1856 | 51847.663 | 92  | 1317.14 [0.08] |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o59s06020_1      | E140H-1271 | 020×009 | 1160-1356 | 1337 | 51847.687 | 92  | +0.00          |
| o59s06020_2      | E140H-1271 | 020×009 | 1160-1356 | 1518 | 51847.706 | 92  | −0.22          |
| <b>o59s06020</b> |            |         |           | 2855 | 51847.687 | 93  | 1317.14 [0.08] |
| o61b06010_1      | E230H-2263 | 020×009 | 2128-2396 | 951  | 52526.435 | 99  | +0.00          |
| o61b06010_2      | E230H-2263 | 020×009 | 2128-2396 | 951  | 52526.447 | 99  | −0.06          |
| <b>o61b06010</b> |            |         |           | 1902 | 52526.435 | 99  | 2374.30 [0.16] |
| o61b06020_1      | E230H-2263 | 020×009 | 2128-2396 | 1430 | 52526.488 | 99  | +0.00          |
| o61b06020_2      | E230H-2263 | 020×009 | 2128-2396 | 1430 | 52526.507 | 99  | −0.01          |
| <b>o61b06020</b> |            |         |           | 2860 | 52526.488 | 99  | 2374.30 [0.16] |
| o61b06030_1      | E230H-2263 | 020×009 | 2128-2396 | 1430 | 52526.555 | 99  | +0.00          |
| o61b06030_2      | E230H-2263 | 020×009 | 2128-2396 | 1430 | 52526.574 | 99  | −0.05          |
| <b>o61b06030</b> |            |         |           | 2860 | 52526.555 | 99  | 2374.30 [0.16] |
| o61b06040_1      | E230H-2263 | 020×009 | 2128-2396 | 1430 | 52526.621 | 99  | +0.00          |
| o61b06040_2      | E230H-2263 | 020×009 | 2128-2396 | 1430 | 52526.641 | 99  | +0.24          |
| <b>o61b06040</b> |            |         |           | 2860 | 52526.621 | 99  | 2374.30 [0.16] |
| HD207308         |            |         |           |      |           |     |                |
| o63y02010_1      | E140M-1425 | 020×006 | 1140-1729 | 2217 | 52251.238 | 94  |                |
| o63y02020_1      | E140M-1425 | 020×006 | 1140-1729 | 3105 | 52251.291 | 94  |                |
| HD207538         |            |         |           |      |           |     |                |
| o63y01010_1      | E140M-1425 | 020×006 | 1140-1729 | 2247 | 52020.666 | 94  |                |
| o63y01020_1      | E140M-1425 | 020×006 | 1140-1729 | 3135 | 52020.694 | 95  |                |
| HD208266         |            |         |           |      |           |     |                |
| o63y03010_1      | E140M-1425 | 020×006 | 1140-1729 | 2217 | 52024.761 | 95  |                |
| o63y03020_1      | E140M-1425 | 020×006 | 1140-1729 | 3105 | 52024.817 | 95  |                |
| HD208440         |            |         |           |      |           |     |                |

Table 4—Continued

| (1)                      | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|--------------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5c06m010_1              | E140H-1271 | 020×020 | 1160-1356 | 720  | 51487.023 | 92  |                |
| HD208816 [VAR 20 epochs] |            |         |           |      |           |     |                |
| o4g2010c0_1              | E140H-1343 | 020×020 | 1242-1440 | 840  | 50781.345 | 90  | +0.00          |
| o4g2010c0_2              | E140H-1343 | 020×020 | 1242-1440 | 840  | 50781.357 | 89  | −1.84          |
| <b>o4g2010c0</b>         |            |         |           | 1680 | 50781.345 | 94  | 1411.80 [0.27] |
| o4g2020c0_1              | E140H-1343 | 020×020 | 1242-1440 | 840  | 50894.068 | 88  | +0.00          |
| o4g2020c0_2              | E140H-1343 | 020×020 | 1242-1440 | 840  | 50894.079 | 88  | −0.55          |
| <b>o4g2020c0</b>         |            |         |           | 1680 | 50894.068 | 93  | 1411.80 [0.27] |
| o4g2050c0_1              | E140H-1343 | 020×020 | 1246-1440 | 840  | 51008.716 | 89  | +0.00          |
| o4g2050c0_2              | E140H-1343 | 020×020 | 1246-1440 | 840  | 51008.728 | 89  | −0.03          |
| <b>o4g2050c0</b>         |            |         |           | 1680 | 51008.716 | 94  | 1411.80 [0.27] |
| o4g2070c0_1              | E140H-1343 | 020×020 | 1242-1440 | 660  | 51064.514 | 84  | +0.00          |
| o4g2070c0_2              | E140H-1343 | 020×020 | 1242-1440 | 660  | 51064.522 | 84  | +0.22          |
| <b>o4g2070c0</b>         |            |         |           | 1320 | 51064.514 | 92  | 1411.80 [0.27] |
| o4g2090c0_1              | E140H-1343 | 020×020 | 1242-1440 | 660  | 51118.482 | 87  | +0.00          |
| o4g2090c0_2              | E140H-1343 | 020×020 | 1242-1440 | 660  | 51118.490 | 87  | +0.39          |
| <b>o4g2090c0</b>         |            |         |           | 1320 | 51118.482 | 92  | 1411.80 [0.27] |
| o4g2110c0_1              | E140H-1343 | 020×020 | 1242-1440 | 660  | 51176.204 | 88  | +0.00          |
| o4g2110c0_2              | E140H-1343 | 020×020 | 1242-1440 | 660  | 51176.212 | 88  | +0.95          |
| <b>o4g2110c0</b>         |            |         |           | 1320 | 51176.204 | 93  | 1411.80 [0.27] |
| o4g2120b0_1              | E140H-1343 | 020×020 | 1242-1440 | 480  | 51232.057 | 84  | +0.00          |
| o4g2120b0_2              | E140H-1343 | 020×020 | 1242-1440 | 480  | 51232.063 | 84  | +0.72          |
| <b>o4g2120b0</b>         |            |         |           | 960  | 51232.057 | 90  | 1430.43 [0.26] |
| o4g2130b0_1              | E140H-1343 | 020×020 | 1242-1440 | 480  | 51288.805 | 86  | +0.00          |
| o4g2130b0_2              | E140H-1343 | 020×020 | 1242-1440 | 480  | 51288.811 | 86  | +0.68          |
| <b>o4g2130b0</b>         |            |         |           | 960  | 51288.805 | 92  | 1411.80 [0.27] |
| o4g2140b0_1              | E140H-1343 | 020×020 | 1246-1440 | 480  | 51345.903 | 81  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o4g2140b0.2      | E140H-1343 | 020×020 | 1246-1440 | 480  | 51345.908 | 82  | –1.31          |
| <b>o4g2140b0</b> |            |         |           | 960  | 51345.903 | 89  | 1411.80 [0.27] |
| o5dn010c0.1      | E140H-1343 | 020×020 | 1242-1435 | 600  | 51402.532 | 90  | +0.00          |
| o5dn010c0.2      | E140H-1343 | 020×020 | 1242-1435 | 600  | 51402.539 | 90  | –0.96          |
| <b>o5dn010c0</b> |            |         |           | 1200 | 51402.532 | 93  | 1411.80 [0.27] |
| o5dn020c0.1      | E140H-1343 | 020×020 | 1242-1440 | 600  | 51682.774 | 91  | +0.00          |
| o5dn020c0.2      | E140H-1343 | 020×020 | 1242-1440 | 600  | 51682.781 | 91  | –0.07          |
| <b>o5dn020c0</b> |            |         |           | 1200 | 51682.774 | 94  | 1411.80 [0.27] |
| o65p020c0.1      | E140H-1343 | 020×020 | 1242-1440 | 600  | 51962.327 | 89  | +0.00          |
| o65p020c0.2      | E140H-1343 | 020×020 | 1242-1440 | 600  | 51962.334 | 89  | +0.15          |
| <b>o65p020c0</b> |            |         |           | 1200 | 51962.327 | 92  | 1411.80 [0.27] |
| o6c3020c0.1      | E140H-1343 | 020×020 | 1242-1440 | 600  | 52519.449 | 93  | +0.00          |
| o6c3020c0.2      | E140H-1343 | 020×020 | 1242-1440 | 600  | 52519.456 | 93  | –0.08          |
| <b>o6c3020c0</b> |            |         |           | 1200 | 52519.449 | 94  | 1411.80 [0.27] |
| o4g2010b0.1      | E140H-1526 | 020×020 | 1428-1622 | 840  | 50781.308 | 68  | +0.00          |
| o4g2010b0.2      | E140H-1526 | 020×020 | 1428-1622 | 840  | 50781.319 | 68  | –0.51          |
| o4g2010b0.3      | E140H-1526 | 020×020 | 1428-1622 | 840  | 50781.331 | 68  | +0.47          |
| <b>o4g2010b0</b> |            |         |           | 2520 | 50781.308 | 89  | 1454.23 [0.25] |
| o4g2020b0.1      | E140H-1526 | 020×020 | 1428-1622 | 840  | 50894.030 | 63  | +0.00          |
| o4g2020b0.2      | E140H-1526 | 020×020 | 1428-1622 | 840  | 50894.042 | 63  | –0.08          |
| o4g2020b0.3      | E140H-1526 | 020×020 | 1428-1622 | 840  | 50894.053 | 63  | –0.25          |
| <b>o4g2020b0</b> |            |         |           | 2520 | 50894.030 | 87  | 1454.23 [0.25] |
| o4g2050b0.1      | E140H-1526 | 020×020 | 1428-1616 | 840  | 51008.681 | 64  | +0.00          |
| o4g2050b0.2      | E140H-1526 | 020×020 | 1428-1616 | 840  | 51008.691 | 64  | +0.13          |
| o4g2050b0.3      | E140H-1526 | 020×020 | 1428-1616 | 840  | 51008.701 | 64  | +1.21          |
| <b>o4g2050b0</b> |            |         |           | 2520 | 51008.681 | 87  | 1454.23 [0.25] |
| o4g2070b0.1      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51064.483 | 58  | +0.00          |
| o4g2070b0.2      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51064.493 | 58  | –1.17          |
| o4g2070b0.3      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51064.502 | 57  | –1.02          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| <b>o4g2070b0</b> |            |         |           | 2160 | 51064.483 | 84  | 1454.23 [0.25] |
| o4g2090b0_1      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51118.451 | 65  | +0.00          |
| o4g2090b0_2      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51118.461 | 64  | −0.01          |
| o4g2090b0_3      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51118.470 | 64  | −0.41          |
| <b>o4g2090b0</b> |            |         |           | 2160 | 51118.451 | 87  | 1454.23 [0.25] |
| o4g2110b0_1      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51176.173 | 77  | +0.00          |
| o4g2110b0_2      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51176.183 | 78  | +1.35          |
| o4g2110b0_3      | E140H-1526 | 020×020 | 1428-1622 | 720  | 51176.192 | 78  | +0.43          |
| <b>o4g2110b0</b> |            |         |           | 2160 | 51176.173 | 91  | 1454.23 [0.25] |
| o5dn010b0_1      | E140H-1526 | 020×020 | 1428-1622 | 780  | 51402.510 | 90  | +0.00          |
| o5dn010b0_2      | E140H-1526 | 020×020 | 1428-1622 | 780  | 51402.519 | 90  | −0.50          |
| <b>o5dn010b0</b> |            |         |           | 1560 | 51402.510 | 92  | 1454.23 [0.25] |
| o5dn020b0_1      | E140H-1526 | 020×020 | 1428-1622 | 780  | 51682.751 | 91  | +0.00          |
| o5dn020b0_2      | E140H-1526 | 020×020 | 1428-1622 | 780  | 51682.761 | 91  | −0.17          |
| <b>o5dn020b0</b> |            |         |           | 1560 | 51682.751 | 93  | 1454.23 [0.25] |
| o65p020b0_1      | E140H-1526 | 020×020 | 1428-1622 | 780  | 51962.304 | 92  | +0.00          |
| o65p020b0_2      | E140H-1526 | 020×020 | 1428-1622 | 780  | 51962.314 | 91  | +0.03          |
| <b>o65p020b0</b> |            |         |           | 1560 | 51962.304 | 93  | 1454.23 [0.25] |
| o6c3020b0_1      | E140H-1526 | 020×020 | 1428-1622 | 780  | 52519.426 | 93  | +0.00          |
| o6c3020b0_2      | E140H-1526 | 020×020 | 1428-1622 | 780  | 52519.435 | 93  | −0.02          |
| <b>o6c3020b0</b> |            |         |           | 1560 | 52519.426 | 94  | 1454.23 [0.25] |
| o4g2010d0_1      | E140M-1425 | 020×020 | 1140-1729 | 780  | 50781.371 | 71  | +0.00          |
| o4g2010d0_2      | E140M-1425 | 020×020 | 1140-1729 | 780  | 50781.382 | 71  | −0.74          |
| <b>o4g2010d0</b> |            |         |           | 1560 | 50781.371 | 78  | 1411.80 [0.27] |
| o4g2020d0_1      | E140M-1425 | 020×020 | 1140-1729 | 780  | 50894.093 | 68  | +0.00          |
| o4g2020d0_2      | E140M-1425 | 020×020 | 1140-1729 | 780  | 50894.104 | 68  | −0.16          |
| <b>o4g2020d0</b> |            |         |           | 1560 | 50894.093 | 77  | 1411.80 [0.27] |
| o4g2050d0_1      | E140M-1425 | 020×020 | 1140-1709 | 780  | 51008.742 | 69  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o4g2050d0_2      | E140M-1425 | 020×020 | 1140-1709 | 780  | 51008.751 | 70  | −0.58          |
| <b>o4g2050d0</b> |            |         |           | 1560 | 51008.742 | 77  | 1411.80 [0.27] |
| o4g2070d0_1      | E140M-1425 | 020×020 | 1140-1729 | 660  | 51064.534 | 67  | +0.00          |
| o4g2070d0_2      | E140M-1425 | 020×020 | 1140-1729 | 660  | 51064.542 | 67  | −0.73          |
| <b>o4g2070d0</b> |            |         |           | 1320 | 51064.534 | 75  | 1411.80 [0.27] |
| o4g2090d0_1      | E140M-1425 | 020×020 | 1140-1729 | 660  | 51118.502 | 70  | +0.00          |
| o4g2090d0_2      | E140M-1425 | 020×020 | 1140-1729 | 660  | 51118.510 | 70  | −1.09          |
| <b>o4g2090d0</b> |            |         |           | 1320 | 51118.502 | 78  | 1411.80 [0.27] |
| o4g2110d0_1      | E140M-1425 | 020×020 | 1140-1729 | 660  | 51176.224 | 73  | +0.00          |
| o4g2110d0_2      | E140M-1425 | 020×020 | 1140-1729 | 660  | 51176.232 | 73  | +0.13          |
| <b>o4g2110d0</b> |            |         |           | 1320 | 51176.224 | 78  | 1411.80 [0.27] |
| o4g2120c0_1      | E140M-1425 | 020×020 | 1140-1729 | 525  | 51232.073 | 70  | +0.00          |
| o4g2120c0_2      | E140M-1425 | 020×020 | 1140-1729 | 525  | 51232.079 | 70  | +0.68          |
| <b>o4g2120c0</b> |            |         |           | 1050 | 51232.073 | 74  | 1411.80 [0.27] |
| o4g2130c0_1      | E140M-1425 | 020×020 | 1140-1729 | 525  | 51288.821 | 72  | +0.00          |
| o4g2130c0_2      | E140M-1425 | 020×020 | 1140-1729 | 525  | 51288.827 | 73  | +0.15          |
| <b>o4g2130c0</b> |            |         |           | 1050 | 51288.821 | 76  | 1411.80 [0.27] |
| o4g2140c0_1      | E140M-1425 | 020×020 | 1140-1709 | 525  | 51345.918 | 70  | +0.00          |
| o4g2140c0_2      | E140M-1425 | 020×020 | 1140-1709 | 525  | 51345.925 | 70  | +0.07          |
| <b>o4g2140c0</b> |            |         |           | 1050 | 51345.918 | 74  | 1411.80 [0.27] |
| o5dn010d0_1      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51402.551 | 75  | +0.00          |
| o5dn010d0_2      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51402.558 | 74  | −1.51          |
| <b>o5dn010d0</b> |            |         |           | 1200 | 51402.551 | 78  | 1411.80 [0.27] |
| o5dn020d0_1      | E140M-1425 | 020×020 | 1140-1709 | 600  | 51682.792 | 75  | +0.00          |
| o5dn020d0_2      | E140M-1425 | 020×020 | 1140-1709 | 600  | 51682.800 | 75  | +0.27          |
| <b>o5dn020d0</b> |            |         |           | 1200 | 51682.792 | 78  | 1411.80 [0.27] |
| o65p010b0_1      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51794.458 | 75  | +0.00          |
| o65p010b0_2      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51794.465 | 75  | −0.01          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| <b>o65p010b0</b> |            |         |           | 1200 | 51794.458 | 78  | 1411.80 [0.27] |
| o65p020d0_1      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51962.345 | 74  | +0.00          |
| o65p020d0_2      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51962.353 | 74  | +2.17          |
| <b>o65p020d0</b> |            |         |           | 1200 | 51962.345 | 77  | 1411.80 [0.27] |
| o6c3010b0_1      | E140M-1425 | 020×020 | 1140-1729 | 600  | 52129.520 | 75  | +0.00          |
| o6c3010b0_2      | E140M-1425 | 020×020 | 1140-1729 | 600  | 52129.527 | 75  | +0.14          |
| <b>o6c3010b0</b> |            |         |           | 1200 | 52129.520 | 78  | 1411.80 [0.27] |
| o6c3020d0_1      | E140M-1425 | 020×020 | 1140-1729 | 600  | 52519.467 | 77  | +0.00          |
| o6c3020d0_2      | E140M-1425 | 020×020 | 1140-1729 | 600  | 52519.474 | 77  | −0.04          |
| <b>o6c3020d0</b> |            |         |           | 1200 | 52519.467 | 80  | 1411.80 [0.27] |
| o6c3120b0_1      | E140M-1425 | 020×020 | 1140-1729 | 600  | 52907.429 | 73  | +0.00          |
| o6c3120b0_2      | E140M-1425 | 020×020 | 1140-1729 | 600  | 52907.436 | 73  | −0.71          |
| <b>o6c3120b0</b> |            |         |           | 1200 | 52907.429 | 76  | 1411.80 [0.27] |
| o4g201090_1      | E230H-2263 | 010×020 | 2128-2396 | 720  | 50781.252 | 81  | +0.00          |
| o4g201090_2      | E230H-2263 | 010×020 | 2128-2396 | 720  | 50781.262 | 80  | +0.14          |
| o4g201090_3      | E230H-2263 | 010×020 | 2128-2396 | 720  | 50781.272 | 81  | −0.45          |
| <b>o4g201090</b> |            |         |           | 2160 | 50781.252 | 89  | 2286.86 [0.21] |
| o4g202090_1      | E230H-2263 | 010×020 | 2128-2396 | 720  | 50893.974 | 76  | +0.00          |
| o4g202090_2      | E230H-2263 | 010×020 | 2128-2396 | 720  | 50893.984 | 75  | +0.07          |
| o4g202090_3      | E230H-2263 | 010×020 | 2128-2396 | 720  | 50893.994 | 75  | +0.33          |
| <b>o4g202090</b> |            |         |           | 2160 | 50893.974 | 85  | 2286.86 [0.21] |
| o4g205090_1      | E230H-2263 | 010×020 | 2134-2396 | 720  | 51008.629 | 79  | +0.00          |
| o4g205090_2      | E230H-2263 | 010×020 | 2134-2396 | 720  | 51008.637 | 79  | −0.63          |
| o4g205090_3      | E230H-2263 | 010×020 | 2134-2396 | 720  | 51008.646 | 79  | −0.64          |
| <b>o4g205090</b> |            |         |           | 2160 | 51008.629 | 88  | 2286.86 [0.21] |
| o4g207090_1      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51064.449 | 80  | +0.00          |
| o4g207090_2      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51064.457 | 80  | +0.51          |
| <b>o4g207090</b> |            |         |           | 1080 | 51064.449 | 86  | 2286.86 [0.21] |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o4g209090_1      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51118.417 | 84  | +0.00          |
| o4g209090_2      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51118.425 | 84  | +1.12          |
| <b>o4g209090</b> |            |         |           | 1080 | 51118.417 | 90  | 2286.86 [0.21] |
| o4g211090_1      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51176.139 | 95  | +0.00          |
| o4g211090_2      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51176.147 | 95  | +1.04          |
| <b>o4g211090</b> |            |         |           | 1080 | 51176.139 | 96  | 2278.69 [0.42] |
| o4g212090_1      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51232.030 | 95  |                |
| o4g213090_1      | E230H-2263 | 010×020 | 2128-2396 | 540  | 51288.778 | 95  |                |
| o4g214090_1      | E230H-2263 | 010×020 | 2134-2396 | 540  | 51345.876 | 94  |                |
| o5dn01090_1      | E230H-2263 | 020×020 | 2128-2396 | 750  | 51402.479 | 97  |                |
| o5dn02090_1      | E230H-2263 | 020×020 | 2128-2396 | 750  | 51682.721 | 97  |                |
| o65p01090_1      | E230H-2263 | 020×020 | 2128-2396 | 480  | 51794.424 | 97  | +0.00          |
| o65p01090_2      | E230H-2263 | 020×020 | 2128-2396 | 480  | 51794.431 | 97  | +0.08          |
| <b>o65p01090</b> |            |         |           | 960  | 51794.424 | 98  | 2287.30 [0.22] |
| o65p02090_1      | E230H-2263 | 020×020 | 2128-2396 | 750  | 51962.274 | 97  |                |
| o6c301090_1      | E230H-2263 | 020×020 | 2128-2396 | 480  | 52129.487 | 97  | +0.00          |
| o6c301090_2      | E230H-2263 | 020×020 | 2128-2396 | 480  | 52129.494 | 97  | −0.13          |
| <b>o6c301090</b> |            |         |           | 960  | 52129.487 | 97  | 2287.30 [0.22] |
| o6c302090_1      | E230H-2263 | 020×020 | 2241-2391 | 750  | 52519.396 | 0   |                |
| o6c312090_1      | E230H-2263 | 020×020 | 2128-2396 | 480  | 52907.395 | 95  | +0.00          |
| o6c312090_2      | E230H-2263 | 020×020 | 2128-2396 | 480  | 52907.403 | 95  | +0.69          |
| <b>o6c312090</b> |            |         |           | 960  | 52907.395 | 96  | 2269.91 [0.47] |
| o4g201080_1      | E230H-2413 | 010×020 | 2272-2545 | 840  | 50781.227 | 94  | +0.00          |
| o4g201080_2      | E230H-2413 | 010×020 | 2272-2545 | 840  | 50781.238 | 94  | +0.72          |
| <b>o4g201080</b> |            |         |           | 1680 | 50781.227 | 96  | 2511.50 [0.25] |
| o4g202080_1      | E230H-2413 | 010×020 | 2272-2545 | 840  | 50893.949 | 92  | +0.00          |
| o4g202080_2      | E230H-2413 | 010×020 | 2272-2545 | 840  | 50893.960 | 92  | +0.53          |
| <b>o4g202080</b> |            |         |           | 1680 | 50893.949 | 95  | 2511.50 [0.25] |
| o4g205080_1      | E230H-2413 | 010×020 | 2272-2545 | 840  | 51008.605 | 94  | +0.00          |
| o4g205080_2      | E230H-2413 | 010×020 | 2272-2545 | 840  | 51008.615 | 94  | −0.33          |



Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| <b>o4g205080</b> |            |         |           | 1680 | 51008.605 | 96  | 2511.50 [0.25] |
| o4g204090_1      | E230H-2413 | 010×020 | 2272-2545 | 840  | 51026.433 | 94  | +0.00          |
| o4g204090_2      | E230H-2413 | 010×020 | 2272-2545 | 638  | 51026.443 | 93  | −0.01          |
| o4g204090_3      | E230H-2413 | 010×020 | 2272-2545 | 242  | 51026.486 | 85  | −0.19          |
| <b>o4g204090</b> |            |         |           | 1720 | 51026.433 | 96  | 2511.50 [0.25] |
| o4g206080_1      | E230H-2413 | 010×020 | 2273-2546 | 1094 | 51045.096 | 96  |                |
| o4g207080_1      | E230H-2413 | 010×020 | 2272-2546 | 960  | 51064.434 | 95  |                |
| o4g208080_1      | E230H-2413 | 010×020 | 2272-2546 | 1094 | 51079.248 | 96  |                |
| o4g253080_1      | E230H-2413 | 010×020 | 2272-2546 | 1094 | 51099.934 | 96  |                |
| o4g209080_1      | E230H-2413 | 010×020 | 2272-2546 | 960  | 51118.402 | 96  |                |
| o4g210080_1      | E230H-2413 | 010×020 | 2272-2546 | 1152 | 51148.987 | 97  |                |
| o4g211080_1      | E230H-2413 | 010×020 | 2272-2545 | 960  | 51176.124 | 97  |                |
| o4g212080_1      | E230H-2413 | 010×020 | 2272-2545 | 480  | 51232.020 | 96  |                |
| o4g213080_1      | E230H-2413 | 010×020 | 2272-2545 | 480  | 51288.769 | 96  |                |
| o4g214080_1      | E230H-2413 | 010×020 | 2272-2546 | 480  | 51345.866 | 96  |                |
| o5dn01080_1      | E230H-2413 | 020×020 | 2273-2546 | 600  | 51402.468 | 97  |                |
| o5dn02080_1      | E230H-2413 | 020×020 | 2272-2546 | 600  | 51682.710 | 97  |                |
| o65p01080_1      | E230H-2413 | 020×020 | 2272-2546 | 660  | 51794.412 | 97  |                |
| o65p02080_1      | E230H-2413 | 020×020 | 2272-2545 | 600  | 51962.263 | 97  |                |
| o6c301080_1      | E230H-2413 | 020×020 | 2273-2546 | 660  | 52129.475 | 97  |                |
| o6c302080_1      | E230H-2413 | 020×020 | 2272-2487 | 600  | 52519.385 | 0   |                |
| o6c312080_1      | E230H-2413 | 020×020 | 2272-2546 | 660  | 52907.384 | 97  |                |
| o4g201070_1      | E230H-2563 | 010×020 | 2430-2706 | 540  | 50781.208 | 97  | +0.00          |
| o4g201070_2      | E230H-2563 | 010×020 | 2430-2706 | 540  | 50781.216 | 97  | +0.13          |
| <b>o4g201070</b> |            |         |           | 1080 | 50781.208 | 98  | 2650.15 [0.33] |
| o4g202070_1      | E230H-2563 | 010×020 | 2430-2706 | 540  | 50893.931 | 96  | +0.00          |
| o4g202070_2      | E230H-2563 | 010×020 | 2430-2706 | 540  | 50893.939 | 96  | +0.50          |
| <b>o4g202070</b> |            |         |           | 1080 | 50893.931 | 98  | 2650.15 [0.33] |
| o4g205070_1      | E230H-2563 | 010×020 | 2430-2696 | 540  | 51008.587 | 97  | +0.00          |
| o4g205070_2      | E230H-2563 | 010×020 | 2430-2696 | 540  | 51008.594 | 97  | +0.11          |
| <b>o4g205070</b> |            |         |           | 1080 | 51008.587 | 98  | 2650.15 [0.33] |
| o4g204070_1      | E230H-2563 | 010×020 | 2430-2696 | 116  | 51026.382 | 90  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5) | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-----|-----------|-----|----------------|
| o4g204080_1      | E230H-2563 | 010×020 | 2430-2696 | 844 | 51026.419 | 98  |                |
| o4g206070_1      | E230H-2563 | 010×020 | 2430-2706 | 596 | 51045.051 | 98  |                |
| o4g207070_1      | E230H-2563 | 010×020 | 2430-2706 | 720 | 51064.422 | 98  |                |
| o4g208070_1      | E230H-2563 | 010×020 | 2430-2706 | 596 | 51079.203 | 98  |                |
| o4g253070_1      | E230H-2563 | 010×020 | 2430-2706 | 596 | 51099.889 | 98  |                |
| o4g209070_1      | E230H-2563 | 010×020 | 2430-2706 | 720 | 51118.389 | 98  |                |
| o4g210070_1      | E230H-2563 | 010×020 | 2430-2706 | 596 | 51148.942 | 98  |                |
| o4g211070_1      | E230H-2563 | 010×020 | 2430-2706 | 720 | 51176.112 | 98  |                |
| o4g212070_1      | E230H-2563 | 010×020 | 2430-2706 | 420 | 51232.012 | 98  |                |
| o4g213070_1      | E230H-2563 | 010×020 | 2430-2706 | 420 | 51288.760 | 98  |                |
| o4g214070_1      | E230H-2563 | 010×020 | 2430-2696 | 420 | 51345.857 | 98  |                |
| o5dn01070_1      | E230H-2563 | 020×020 | 2430-2706 | 480 | 51402.459 | 99  |                |
| o5dn02070_1      | E230H-2563 | 020×020 | 2430-2696 | 480 | 51682.700 | 99  |                |
| o65p01070_1      | E230H-2563 | 020×020 | 2430-2706 | 540 | 51794.402 | 99  |                |
| o65p02070_1      | E230H-2563 | 020×020 | 2430-2706 | 480 | 51962.253 | 98  |                |
| o6c301070_1      | E230H-2563 | 020×020 | 2430-2706 | 540 | 52129.464 | 99  |                |
| o6c302070_1      | E230H-2563 | 020×020 | 2433-2634 | 480 | 52519.375 | 0   |                |
| o6c312070_1      | E230H-2563 | 020×020 | 2430-2706 | 540 | 52907.373 | 98  |                |
| o4g201060_1      | E230H-2713 | 010×020 | 2576-2845 | 480 | 50781.191 | 98  | +0.00          |
| o4g201060_2      | E230H-2713 | 010×020 | 2576-2845 | 480 | 50781.199 | 98  | −0.07          |
| <b>o4g201060</b> |            |         |           | 960 | 50781.191 | 98  | 2796.60 [0.24] |
| o4g202060_1      | E230H-2713 | 010×020 | 2576-2845 | 480 | 50893.914 | 97  | +0.00          |
| o4g202060_2      | E230H-2713 | 010×020 | 2576-2845 | 480 | 50893.921 | 97  | −0.13          |
| <b>o4g202060</b> |            |         |           | 960 | 50893.914 | 98  | 2796.60 [0.24] |
| o4g205060_1      | E230H-2713 | 010×020 | 2576-2845 | 480 | 51008.572 | 98  | +0.00          |
| o4g205060_2      | E230H-2713 | 010×020 | 2576-2845 | 480 | 51008.577 | 98  | +0.19          |
| <b>o4g205060</b> |            |         |           | 960 | 51008.572 | 98  | 2796.60 [0.24] |
| o4g204060_1      | E230H-2713 | 010×020 | 2576-2845 | 720 | 51026.369 | 98  |                |
| o4g206060_1      | E230H-2713 | 010×020 | 2576-2845 | 600 | 51045.040 | 98  |                |
| o4g207060_1      | E230H-2713 | 010×020 | 2576-2845 | 600 | 51064.411 | 98  |                |
| o4g208060_1      | E230H-2713 | 010×020 | 2576-2845 | 600 | 51079.191 | 98  |                |
| o4g253060_1      | E230H-2713 | 010×020 | 2576-2845 | 600 | 51099.878 | 98  |                |
| o4g209060_1      | E230H-2713 | 010×020 | 2576-2845 | 600 | 51118.378 | 98  |                |
| o4g210060_1      | E230H-2713 | 010×020 | 2576-2845 | 600 | 51148.931 | 98  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o4g211060_1      | E230H-2713 | 010×020 | 2576-2845 | 600  | 51176.101 | 98  |                |
| o4g212060_1      | E230H-2713 | 010×020 | 2576-2845 | 360  | 51232.003 | 98  |                |
| o4g213060_1      | E230H-2713 | 010×020 | 2576-2845 | 360  | 51288.751 | 98  |                |
| o4g214060_1      | E230H-2713 | 010×020 | 2576-2845 | 360  | 51345.849 | 98  |                |
| o5dn01060_1      | E230H-2713 | 020×020 | 2576-2845 | 420  | 51402.450 | 98  |                |
| o5dn02060_1      | E230H-2713 | 020×020 | 2576-2845 | 420  | 51682.691 | 98  |                |
| o65p01060_1      | E230H-2713 | 020×020 | 2576-2845 | 480  | 51794.392 | 98  |                |
| o65p02060_1      | E230H-2713 | 020×020 | 2576-2845 | 420  | 51962.244 | 98  |                |
| o6c301060_1      | E230H-2713 | 020×020 | 2576-2845 | 480  | 52129.455 | 98  |                |
| o6c302060_1      | E230H-2713 | 020×020 | 2576-2845 | 420  | 52519.366 | 0   |                |
| o6c312060_1      | E230H-2713 | 020×020 | 2576-2845 | 480  | 52907.364 | 98  |                |
| o4g201050_1      | E230H-2862 | 010×020 | 2722-2999 | 540  | 50781.173 | 98  | +0.00          |
| o4g201050_2      | E230H-2862 | 010×020 | 2722-2999 | 540  | 50781.181 | 98  | +0.00          |
| <b>o4g201050</b> |            |         |           | 1080 | 50781.173 | 99  | 2796.60 [0.24] |
| o4g202050_1      | E230H-2862 | 010×020 | 2722-2999 | 540  | 50893.895 | 97  | +0.00          |
| o4g202050_2      | E230H-2862 | 010×020 | 2722-2999 | 540  | 50893.903 | 97  | −0.03          |
| <b>o4g202050</b> |            |         |           | 1080 | 50893.895 | 99  | 2796.60 [0.24] |
| o4g205050_1      | E230H-2862 | 010×020 | 2722-2988 | 540  | 51008.555 | 98  | +0.00          |
| o4g205050_2      | E230H-2862 | 010×020 | 2722-2988 | 540  | 51008.561 | 98  | −0.03          |
| <b>o4g205050</b> |            |         |           | 1080 | 51008.555 | 99  | 2796.60 [0.24] |
| o4g204050_1      | E230H-2862 | 010×020 | 2722-2988 | 960  | 51026.354 | 99  |                |
| o4g206050_1      | E230H-2862 | 010×020 | 2722-2999 | 600  | 51045.029 | 98  |                |
| o4g207050_1      | E230H-2862 | 010×020 | 2722-2999 | 720  | 51064.398 | 99  |                |
| o4g208050_1      | E230H-2862 | 010×020 | 2722-2999 | 600  | 51079.180 | 98  |                |
| o4g253050_1      | E230H-2862 | 010×020 | 2722-2999 | 600  | 51099.866 | 99  |                |
| o4g209050_1      | E230H-2862 | 010×020 | 2722-2999 | 720  | 51118.366 | 99  |                |
| o4g210050_1      | E230H-2862 | 010×020 | 2722-2999 | 600  | 51148.920 | 99  |                |
| o4g211050_1      | E230H-2862 | 010×020 | 2722-2999 | 720  | 51176.088 | 99  |                |
| o4g212050_1      | E230H-2862 | 010×020 | 2722-2999 | 420  | 51231.994 | 99  |                |
| o4g213050_1      | E230H-2862 | 010×020 | 2722-2999 | 420  | 51288.742 | 99  |                |
| o4g214050_1      | E230H-2862 | 010×020 | 2722-2988 | 420  | 51345.840 | 99  |                |
| o5dn01050_1      | E230H-2862 | 020×020 | 2722-2999 | 420  | 51402.441 | 99  |                |
| o5dn02050_1      | E230H-2862 | 020×020 | 2722-2988 | 420  | 51682.682 | 99  |                |
| o65p01050_1      | E230H-2862 | 020×020 | 2722-2999 | 540  | 51794.382 | 99  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o65p02050_1      | E230H-2862 | 020×020 | 2722-2999 | 420  | 51962.235 | 99  |                |
| o6c301050_1      | E230H-2862 | 020×020 | 2722-2999 | 540  | 52129.444 | 99  |                |
| o6c302050_1      | E230H-2862 | 020×020 | 2722-2999 | 420  | 52519.357 | 99  |                |
| o6c312050_1      | E230H-2862 | 020×020 | 2722-2999 | 540  | 52907.353 | 99  |                |
| o4g201040_1      | E230H-3012 | 010×020 | 2885-3158 | 540  | 50781.155 | 95  | +0.00          |
| o4g201040_2      | E230H-3012 | 010×020 | 2885-3158 | 540  | 50781.162 | 94  | −0.13          |
| <b>o4g201040</b> |            |         |           | 1080 | 50781.155 | 99  | 3003.47 [0.40] |
| o4g202040_1      | E230H-3012 | 010×020 | 2885-3158 | 540  | 50893.877 | 90  | +0.00          |
| o4g202040_2      | E230H-3012 | 010×020 | 2885-3158 | 540  | 50893.885 | 89  | +0.24          |
| <b>o4g202040</b> |            |         |           | 1080 | 50893.877 | 96  | 3003.47 [0.40] |
| o4g205040_1      | E230H-3012 | 010×020 | 2885-3146 | 540  | 51008.536 | 92  | +0.00          |
| o4g205040_2      | E230H-3012 | 010×020 | 2885-3146 | 540  | 51008.544 | 91  | −0.07          |
| <b>o4g205040</b> |            |         |           | 1080 | 51008.536 | 97  | 3003.47 [0.40] |
| o4g204040_1      | E230H-3012 | 010×020 | 2885-3146 | 656  | 51026.312 | 96  |                |
| o4g206040_1      | E230H-3012 | 010×020 | 2885-3159 | 656  | 51044.987 | 95  |                |
| o4g207040_1      | E230H-3012 | 010×020 | 2885-3159 | 720  | 51064.386 | 97  |                |
| o4g208040_1      | E230H-3012 | 010×020 | 2885-3159 | 656  | 51079.136 | 97  |                |
| o4g253040_1      | E230H-3012 | 010×020 | 2885-3158 | 656  | 51099.825 | 97  |                |
| o4g209040_1      | E230H-3012 | 010×020 | 2885-3158 | 720  | 51118.353 | 99  |                |
| o4g210040_1      | E230H-3012 | 010×020 | 2885-3158 | 650  | 51148.880 | 99  |                |
| o4g211040_1      | E230H-3012 | 010×020 | 2885-3158 | 720  | 51176.076 | 99  |                |
| o4g212040_1      | E230H-3012 | 010×020 | 2885-3158 | 480  | 51231.985 | 99  |                |
| o4g213040_1      | E230H-3012 | 010×020 | 2885-3158 | 480  | 51288.733 | 99  |                |
| o4g214040_1      | E230H-3012 | 010×020 | 2885-3146 | 480  | 51345.830 | 99  |                |
| o5dn01040_1      | E230H-3012 | 020×020 | 2885-3159 | 540  | 51402.430 | 99  |                |
| o5dn02040_1      | E230H-3012 | 020×020 | 2885-3146 | 540  | 51682.672 | 100 |                |
| o65p01040_1      | E230H-3012 | 020×020 | 2885-3159 | 660  | 51794.370 | 100 |                |
| o65p02040_1      | E230H-3012 | 020×020 | 2885-3158 | 540  | 51962.225 | 100 |                |
| o6c301040_1      | E230H-3012 | 020×020 | 2885-3159 | 660  | 52129.433 | 100 |                |
| o6c302040_1      | E230H-3012 | 020×020 | 2885-3159 | 540  | 52519.347 | 100 |                |
| o6c312040_1      | E230H-3012 | 020×020 | 2885-3159 | 660  | 52907.341 | 99  |                |
| o4g2010a0_1      | E230M-1978 | 020×020 | 1607-2365 | 720  | 50781.285 | 73  | +0.00          |
| o4g2010a0_2      | E230M-1978 | 020×020 | 1607-2365 | 720  | 50781.295 | 72  | +0.63          |
| <b>o4g2010a0</b> |            |         |           | 1440 | 50781.285 | 80  | 2286.83 [0.30] |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o4g2020a0_1      | E230M-1978 | 020×020 | 1607-2365 | 720  | 50894.007 | 67  | +0.00          |
| o4g2020a0_2      | E230M-1978 | 020×020 | 1607-2365 | 720  | 50894.017 | 67  | −0.55          |
| <b>o4g2020a0</b> |            |         |           | 1440 | 50894.007 | 75  | 2286.83 [0.30] |
| o4g2050a0_1      | E230M-1978 | 020×020 | 1607-2365 | 720  | 51008.659 | 71  | +0.00          |
| o4g2050a0_2      | E230M-1978 | 020×020 | 1607-2365 | 720  | 51008.669 | 70  | +0.19          |
| <b>o4g2050a0</b> |            |         |           | 1440 | 51008.659 | 78  | 2286.83 [0.30] |
| o4g2040a0_1      | E230M-1978 | 020×020 | 1607-2365 | 648  | 51026.493 | 70  | +0.00          |
| o4g2040a0_2      | E230M-1978 | 020×020 | 1607-2365 | 648  | 51026.502 | 70  | −0.85          |
| <b>o4g2040a0</b> |            |         |           | 1296 | 51026.493 | 78  | 2286.83 [0.30] |
| o4g206090_1      | E230M-1978 | 020×020 | 1607-2365 | 1008 | 51045.113 | 78  |                |
| o4g2070a0_1      | E230M-1978 | 020×020 | 1607-2365 | 960  | 51064.468 | 77  |                |
| o4g208090_1      | E230M-1978 | 020×020 | 1607-2365 | 1008 | 51079.265 | 79  |                |
| o4g253090_1      | E230M-1978 | 020×020 | 1607-2365 | 1008 | 51099.951 | 81  |                |
| o4g2090a0_1      | E230M-1978 | 020×020 | 1607-2365 | 960  | 51118.436 | 82  |                |
| o4g210090_1      | E230M-1978 | 020×020 | 1607-2365 | 1008 | 51149.005 | 86  |                |
| o4g2110a0_1      | E230M-1978 | 020×020 | 1607-2365 | 960  | 51176.158 | 90  |                |
| o4g2120a0_1      | E230M-1978 | 020×020 | 1607-2365 | 420  | 51232.041 | 90  | +0.00          |
| o4g2120a0_2      | E230M-1978 | 020×020 | 1607-2365 | 420  | 51232.047 | 90  | +0.42          |
| <b>o4g2120a0</b> |            |         |           | 840  | 51232.041 | 92  | 2278.63 [0.45] |
| o4g2130a0_1      | E230M-1978 | 020×020 | 1607-2365 | 420  | 51288.789 | 90  | +0.00          |
| o4g2130a0_2      | E230M-1978 | 020×020 | 1607-2365 | 420  | 51288.795 | 90  | +0.41          |
| <b>o4g2130a0</b> |            |         |           | 840  | 51288.789 | 92  | 2278.63 [0.45] |
| o4g2140a0_1      | E230M-1978 | 020×020 | 1607-2365 | 420  | 51345.887 | 88  | +0.00          |
| o4g2140a0_2      | E230M-1978 | 020×020 | 1607-2365 | 420  | 51345.893 | 87  | −0.97          |
| <b>o4g2140a0</b> |            |         |           | 840  | 51345.887 | 90  | 2278.63 [0.45] |
| o5dn010a0_1      | E230M-1978 | 020×020 | 1607-2365 | 480  | 51402.492 | 92  | +0.00          |
| o5dn010a0_2      | E230M-1978 | 020×020 | 1607-2365 | 480  | 51402.499 | 92  | −0.63          |
| <b>o5dn010a0</b> |            |         |           | 960  | 51402.492 | 94  | 2278.63 [0.45] |
| o5dn020a0_1      | E230M-1978 | 020×020 | 1607-2365 | 480  | 51682.734 | 92  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5dn020a0_2      | E230M-1978 | 020×020 | 1607-2365 | 480  | 51682.741 | 92  | −0.36          |
| <b>o5dn020a0</b> |            |         |           | 960  | 51682.734 | 94  | 2278.63 [0.45] |
| o65p010a0_1      | E230M-1978 | 020×020 | 1607-2365 | 500  | 51794.441 | 92  | +0.00          |
| o65p010a0_2      | E230M-1978 | 020×020 | 1607-2365 | 500  | 51794.447 | 92  | +0.28          |
| <b>o65p010a0</b> |            |         |           | 1000 | 51794.441 | 93  | 2278.63 [0.45] |
| o65p020a0_1      | E230M-1978 | 020×020 | 1607-2365 | 480  | 51962.287 | 93  | +0.00          |
| o65p020a0_2      | E230M-1978 | 020×020 | 1607-2365 | 480  | 51962.294 | 93  | +0.18          |
| <b>o65p020a0</b> |            |         |           | 960  | 51962.287 | 94  | 2278.63 [0.45] |
| o6c3010a0_1      | E230M-1978 | 020×020 | 1607-2365 | 500  | 52129.504 | 93  | +0.00          |
| o6c3010a0_2      | E230M-1978 | 020×020 | 1607-2365 | 500  | 52129.510 | 94  | −0.42          |
| <b>o6c3010a0</b> |            |         |           | 1000 | 52129.504 | 95  | 2278.63 [0.45] |
| o6c3020a0_1      | E230M-1978 | 020×020 | 1902-2356 | 480  | 52519.409 | 0   | +0.00          |
| o6c3020a0_2      | E230M-1978 | 020×020 | 1902-2356 | 480  | 52519.416 | 0   | +0.00          |
| <b>o6c3020a0</b> |            |         |           | 960  | 52519.409 | 0   | ...            |
| o6c3120a0_1      | E230M-1978 | 020×020 | 1607-2365 | 500  | 52907.413 | 87  | +0.00          |
| o6c3120a0_2      | E230M-1978 | 020×020 | 1607-2365 | 500  | 52907.419 | 87  | +1.67          |
| <b>o6c3120a0</b> |            |         |           | 1000 | 52907.413 | 90  | 2280.32 [0.40] |
| HD208947         |            |         |           |      |           |     |                |
| o5lh0a010_1      | E140H-1271 | 010×003 | 1163-1356 | 714  | 51739.488 | 94  |                |
| o5lh0a020_1      | E140H-1271 | 010×003 | 1163-1356 | 714  | 51739.498 | 94  |                |
| o5lh0a030_1      | E230H-1763 | 010×003 | 1632-1901 | 714  | 51739.511 | 98  |                |
| o5lh0a040_1      | E230H-1763 | 010×003 | 1632-1901 | 714  | 51739.520 | 98  |                |
| HD209339         |            |         |           |      |           |     |                |
| o5lh0b010_1      | E140H-1271 | 010×003 | 1163-1356 | 708  | 51682.052 | 93  |                |
| o5lh0b020_1      | E140H-1271 | 010×003 | 1163-1356 | 708  | 51682.061 | 93  |                |
| o5lh0b030_1      | E230H-1763 | 010×003 | 1629-1901 | 708  | 51682.075 | 99  |                |
| o5lh0b040_1      | E230H-1763 | 010×003 | 1629-1901 | 708  | 51682.083 | 99  |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| HD209458    |            |         |           |      |           |     |     |
| o6e205010_1 | E140M-1425 | 020×020 | 1140-1729 | 1750 | 52132.571 | 0   |     |
| o6e205020_1 | E140M-1425 | 020×020 | 1140-1729 | 2050 | 52132.638 | 0   |     |
| o6e204010_1 | E140M-1425 | 020×020 | 1140-1729 | 1750 | 52212.744 | 0   |     |
| o6e204020_1 | E140M-1425 | 020×020 | 1140-1729 | 2050 | 52212.807 | 0   |     |
| HD210809    |            |         |           |      |           |     |     |
| o5c01v010_1 | E140H-1271 | 020×020 | 1160-1356 | 720  | 51481.736 | 92  |     |
| o6359t010_1 | E140M-1425 | 020×020 | 1140-1729 | 720  | 52021.959 | 95  |     |
| HD210839    |            |         |           |      |           |     |     |
| o54304010_1 | E140H-1271 | 010×003 | 1160-1356 | 1506 | 51289.029 | 93  |     |
| o54304020_1 | E230H-1763 | 010×003 | 1629-1901 | 1506 | 51289.051 | 99  |     |
| HD211998    |            |         |           |      |           |     |     |
| o8p203010_1 | E230H-2013 | 020×009 | 1879-2149 | 2900 | 52877.022 | 74  |     |
| o8p203020_1 | E230H-2013 | 020×009 | 1879-2149 | 2900 | 52877.058 | 75  |     |
| o8p203030_1 | E230H-2013 | 020×009 | 1879-2149 | 2900 | 52877.094 | 74  |     |
| o8p203040_1 | E230H-2013 | 020×009 | 1879-2149 | 2900 | 52877.130 | 75  |     |
| o8p203050_1 | E230H-2013 | 020×009 | 1879-2149 | 2900 | 52877.166 | 74  |     |
| o8p204010_1 | E230H-2013 | 020×009 | 1879-2149 | 3000 | 52878.089 | 76  |     |
| o8p204020_1 | E230H-2013 | 020×009 | 1879-2149 | 3000 | 52878.126 | 76  |     |
| o8p204030_1 | E230H-2013 | 020×009 | 1879-2149 | 2950 | 52878.164 | 75  |     |
| o8p204040_1 | E230H-2013 | 020×009 | 1879-2149 | 2950 | 52878.201 | 75  |     |
| o8p204050_1 | E230H-2013 | 020×009 | 1879-2149 | 3000 | 52878.237 | 75  |     |
| HD212791    |            |         |           |      |           |     |     |
| o5c04q010_1 | E140H-1271 | 020×020 | 1160-1356 | 1440 | 51659.184 | 93  |     |
| HD214239    |            |         |           |      |           |     |     |
| o5b607010_1 | E140M-1425 | 020×020 | 1140-1729 | 2127 | 51653.615 | 45  |     |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| HD214993         |            |          |           |      |           |     |                |
| o6lv07020_1      | E230M-1978 | 020×005N | 1607-2365 | 660  | 52828.062 | 98  | +0.00          |
| o6lv07020_2      | E230M-1978 | 020×005N | 1607-2365 | 660  | 52828.070 | 98  | +0.40          |
| o6lv07020_3      | E230M-1978 | 020×005N | 1607-2365 | 660  | 52828.117 | 98  | −1.35          |
| o6lv07020_4      | E230M-1978 | 020×005N | 1607-2365 | 660  | 52828.125 | 99  | −1.22          |
| <b>o6lv07020</b> |            |          |           | 2640 | 52828.062 | 99  | 1807.95 [0.14] |
| HD216916         |            |          |           |      |           |     |                |
| o6lv07010_1      | E230M-2124 | 020×005N | 1687-2510 | 540  | 52827.996 | 99  | +0.00          |
| o6lv07010_2      | E230M-2124 | 020×005N | 1687-2510 | 540  | 52828.004 | 99  | +0.28          |
| o6lv07010_3      | E230M-2124 | 020×005N | 1687-2510 | 540  | 52828.011 | 99  | −1.68          |
| o6lv07010_4      | E230M-2124 | 020×005N | 1687-2510 | 540  | 52828.051 | 99  | −1.11          |
| <b>o6lv07010</b> |            |          |           | 2160 | 52827.996 | 100 | 2382.63 [0.27] |
| HD218261         |            |          |           |      |           |     |                |
| o6lv07030_1      | E230M-2269 | 020×005N | 1841-2673 | 600  | 52828.139 | 99  | +0.00          |
| o6lv07030_2      | E230M-2269 | 020×005N | 1841-2673 | 600  | 52828.184 | 99  | −0.88          |
| o6lv07030_3      | E230M-2269 | 020×005N | 1841-2673 | 600  | 52828.191 | 99  | −0.28          |
| <b>o6lv07030</b> |            |          |           | 1800 | 52828.139 | 100 | 2382.63 [0.27] |
| HD21847          |            |          |           |      |           |     |                |
| o4w210040_1      | E230M-1978 | 020×005N | 1607-2365 | 888  | 51163.641 | 98  |                |
| o4w210010_1      | E230M-2124 | 020×005N | 1701-2509 | 1260 | 51163.582 | 99  |                |
| o4w210020_1      | E230M-2124 | 020×005N | 1701-2509 | 262  | 51163.598 | 99  |                |
| o4w210030_1      | E230M-2124 | 020×005N | 1701-2509 | 338  | 51163.632 | 99  |                |
| o4w210050_1      | E230M-2269 | 020×005N | 1840-2672 | 972  | 51163.656 | 99  |                |
| HD218915         |            |          |           |      |           |     |                |
| o6e617010_1      | E230M-2415 | 020×006  | 1965-2819 | 1927 | 52217.017 | 99  |                |
| HD21847          |            |          |           |      |           |     |                |
| o4x907010_1      | E230H-2812 | 020×020  | 2665-2942 | 180  | 51204.507 | 98  |                |



Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|-------------|------------|---------|-----------|------|-----------|-----|-------|
| o57r05010_1 | E140H-1271 | 020×009 | 1160-1356 | 2018 | 51170.546 | 93  |       |
| o57r05020_1 | E140H-1453 | 020×009 | 1359-1551 | 1300 | 51170.574 | 99  |       |
| o57r05030_1 | E140H-1489 | 020×009 | 1390-1586 | 1262 | 51170.593 | 99  |       |
| HD219188    |            |         |           |      |           |     |       |
| o6e701010_1 | E140H-1271 | 010×003 | 1160-1356 | 1200 | 52179.597 | 96  |       |
| o8dp01010_1 | E140H-1271 | 010×003 | 1160-1356 | 1200 | 52797.709 | 96  |       |
| o8sw01010_1 | E140H-1271 | 010×003 | 1160-1356 | 1200 | 53158.094 | 96  |       |
| o6e701020_1 | E230H-2363 | 010×003 | 2220-2496 | 450  | 52179.660 | 99  |       |
| o8dp01020_1 | E230H-2363 | 010×003 | 2220-2496 | 450  | 52797.775 | 99  |       |
| o8sw01020_1 | E230H-2363 | 010×003 | 2220-2496 | 450  | 53158.159 | 99  |       |
| o6e701030_1 | E230H-2812 | 010×003 | 2665-2942 | 540  | 52179.670 | 99  |       |
| o8dp01030_1 | E230H-2812 | 010×003 | 2666-2943 | 540  | 52797.785 | 99  |       |
| o8sw01030_1 | E230H-2812 | 010×003 | 2666-2943 | 540  | 53158.169 | 99  |       |
| HD220057    |            |         |           |      |           |     |       |
| o5c01x010_1 | E140H-1271 | 020×020 | 1160-1356 | 360  | 51627.010 | 94  |       |
| HD220242    |            |         |           |      |           |     |       |
| o6e618010_1 | E230M-2415 | 020×006 | 1965-2819 | 1951 | 52242.347 | 100 |       |
| o62u16010_1 | E230M-2707 | 020×006 | 2275-3119 | 1853 | 52171.564 | 100 |       |
| HD22049     |            |         |           |      |           |     |       |
| o55p01030_1 | E140M-1425 | 020×020 | 1140-1729 | 2899 | 51620.965 | 11  |       |
| o55p01040_1 | E140M-1425 | 020×020 | 1140-1729 | 2899 | 51621.032 | 12  |       |
| o55p01010_1 | E230H-2713 | 020×020 | 2576-2845 | 180  | 51620.905 | 99  |       |
| o55p01020_1 | E230M-1978 | 020×020 | 1607-2365 | 1800 | 51620.911 | 55  |       |
| HD220657    |            |         |           |      |           |     |       |
| o5bn06040_1 | E140M-1425 | 020×020 | 1140-1709 | 2428 | 51736.669 | 49  |       |
| o5bn06050_1 | E140M-1425 | 020×020 | 1140-1709 | 2899 | 51736.732 | 53  | +0.00 |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5bn06050_2      | E140M-1425 | 020×020 | 1140-1709 | 2899 | 51736.799 | 53  | –2.73          |
| <b>o5bn06050</b> |            |         |           | 5798 | 51736.732 | 66  | 1306.01 [0.38] |
| o5bn06020_1      | E230H-2663 | 020×009 | 2526-2794 | 730  | 51736.598 | 100 | +0.00          |
| o5bn06020_2      | E230H-2663 | 020×009 | 2526-2794 | 730  | 51736.608 | 100 | +0.72          |
| <b>o5bn06020</b> |            |         |           | 1460 | 51736.598 | 100 | 2703.58 [0.70] |
| o5bn06030_1      | E230H-2862 | 020×009 | 2722-2988 | 499  | 51736.621 | 99  |                |
| o5bn06010_1      | E230M-2124 | 020×006 | 1716-2510 | 840  | 51736.546 | 94  | +0.00          |
| o5bn06010_2      | E230M-2124 | 020×006 | 1716-2510 | 840  | 51736.557 | 93  | +0.33          |
| <b>o5bn06010</b> |            |         |           | 1680 | 51736.546 | 96  | 2363.50 [0.83] |
| HD221170         |            |         |           |      |           |     |                |
| o5f662010_1      | E230M-2707 | 020×006 | 2274-3117 | 1894 | 51738.756 | 76  |                |
| HD223460         |            |         |           |      |           |     |                |
| o5bn20010_1      | E140M-1425 | 020×020 | 1140-1709 | 1944 | 51681.715 | 4   |                |
| o5bn20020_1      | E140M-1425 | 020×020 | 1140-1709 | 2977 | 51681.770 | 6   | +0.00          |
| o5bn20020_2      | E140M-1425 | 020×020 | 1140-1709 | 2977 | 51681.837 | 5   | +0.31          |
| o5bn20020_3      | E140M-1425 | 020×020 | 1140-1709 | 2977 | 51681.904 | 5   | +4.02          |
| <b>o5bn20020</b> |            |         |           | 8931 | 51681.770 | 13  | 1238.83 [0.41] |
| o5bn20030_1      | E140M-1425 | 020×020 | 1140-1709 | 1200 | 51681.971 | 2   |                |
| o5bn21010_1      | E230M-2124 | 020×006 | 1716-2510 | 1910 | 51686.613 | 68  |                |
| o5bn21020_1      | E230M-2124 | 020×006 | 1716-2510 | 2977 | 51686.667 | 70  |                |
| o5bn20040_1      | E230M-2707 | 020×006 | 2274-3117 | 600  | 51681.989 | 99  | +0.00          |
| o5bn20040_2      | E230M-2707 | 020×006 | 2274-3117 | 600  | 51681.998 | 99  | +0.38          |
| <b>o5bn20040</b> |            |         |           | 1200 | 51681.989 | 100 | 2796.14 [0.18] |
| HD224151         |            |         |           |      |           |     |                |
| o54308010_1      | E140H-1271 | 010×003 | 1160-1356 | 1496 | 51227.384 | 92  |                |
| o6lz96010_1      | E140H-1489 | 020×020 | 1390-1586 | 300  | 52627.244 | 99  |                |
| o54308020_1      | E230H-1763 | 010×003 | 1628-1901 | 1496 | 51227.406 | 99  |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|-------|-----------|-----|----------------|
| HD22468          |            |          |           |       |           |     |                |
| o5bn99010_1      | E140M-1425 | 020×020  | 1140-1729 | 850   | 51436.691 | 9   |                |
| o5bn99020_1      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.702 | 10  | +0.00          |
| o5bn99020_2      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.746 | 16  | −5.61          |
| o5bn99020_3      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.759 | 15  | −4.75          |
| o5bn99020_4      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.770 | 13  | −2.77          |
| o5bn99020_5      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.813 | 10  | −7.20          |
| o5bn99020_6      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.826 | 9   | −3.91          |
| o5bn99020_7      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.837 | 9   | −3.07          |
| o5bn99020_8      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.880 | 9   | −6.26          |
| o5bn99020_9      | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.893 | 9   | −3.44          |
| o5bn99020_10     | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.904 | 9   | −2.60          |
| o5bn99020_11     | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.948 | 10  | −4.01          |
| o5bn99020_12     | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.961 | 11  | −2.96          |
| o5bn99020_13     | E140M-1425 | 020×020  | 1140-1729 | 875   | 51436.971 | 12  | −0.70          |
| <b>o5bn99020</b> |            |          |           | 11375 | 51436.702 | 68  | 1305.78 [0.23] |
| HD225642         |            |          |           |       |           |     |                |
| o6mb06010_1      | E230M-2269 | 020×006  | 1840-2672 | 1844  | 52565.737 | 99  |                |
| o6mb06020_1      | E230M-2269 | 020×006  | 1840-2672 | 2945  | 52565.790 | 99  |                |
| HD226868         |            |          |           |       |           |     |                |
| o8hd01010_1      | E140M-1425 | 020×020  | 1140-1709 | 2172  | 52449.757 | 78  |                |
| o8hd01020_1      | E140M-1425 | 020×020  | 1140-1709 | 2676  | 52449.817 | 78  |                |
| o8hd02010_1      | E140M-1425 | 020×020  | 1140-1709 | 2172  | 52452.694 | 76  |                |
| o8hd02020_1      | E140M-1425 | 020×020  | 1140-1709 | 2676  | 52452.755 | 77  |                |
| o8nx01010_1      | E140M-1425 | 020×020  | 1140-1729 | 2147  | 52825.186 | 77  |                |
| o8nx01020_1      | E140M-1425 | 020×020  | 1140-1729 | 2675  | 52825.244 | 78  |                |
| o8nx02010_1      | E140M-1425 | 020×020  | 1140-1729 | 2147  | 52827.186 | 76  |                |
| o8nx02020_1      | E140M-1425 | 020×020  | 1140-1729 | 2675  | 52827.245 | 77  |                |
| HD22951          |            |          |           |       |           |     |                |
| o64805010_1      | E140H-1416 | 020×005N | 1316-1517 | 1601  | 51845.306 | 99  |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o64805020.1      | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51845.357 | 99  | +0.00          |
| o64805020.2      | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51845.424 | 99  | −0.16          |
| <b>o64805020</b> |            |          |           | 5860 | 51845.357 | 99  | 1347.29 [0.08] |
| o64806010.1      | E140H-1416 | 020×005N | 1316-1517 | 1601 | 51845.507 | 99  |                |
| o64806020.1      | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51845.558 | 99  | +0.00          |
| o64806020.2      | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51845.625 | 99  | −0.31          |
| <b>o64806020</b> |            |          |           | 5860 | 51845.558 | 99  | 1347.29 [0.08] |
| o64807010.1      | E140H-1416 | 020×005N | 1316-1517 | 1601 | 51846.311 | 99  |                |
| o64807020.1      | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51846.362 | 99  | +0.00          |
| o64807020.2      | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51846.429 | 99  | +0.01          |
| <b>o64807020</b> |            |          |           | 5860 | 51846.362 | 99  | 1347.29 [0.08] |
| o64808010.1      | E140H-1416 | 020×005N | 1316-1517 | 1601 | 51846.512 | 99  |                |
| o64808020.1      | E140H-1416 | 020×005N | 1316-1517 | 1773 | 51846.563 | 99  | +0.00          |
| o64808020.2      | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51846.630 | 99  | +0.06          |
| <b>o64808020</b> |            |          |           | 4688 | 51846.563 | 99  | 1347.29 [0.08] |
| o64809010.1      | E140H-1416 | 020×005N | 1316-1518 | 1601 | 52163.685 | 99  |                |
| o64809020.1      | E140H-1416 | 020×005N | 1316-1518 | 2945 | 52163.737 | 99  | +0.00          |
| o64809020.2      | E140H-1416 | 020×005N | 1316-1518 | 2915 | 52163.804 | 99  | +0.06          |
| <b>o64809020</b> |            |          |           | 5860 | 52163.737 | 99  | 1347.29 [0.08] |
| o6lv01030.1      | E230M-1978 | 020×005N | 1607-2365 | 1393 | 52723.214 | 99  | +0.00          |
| o6lv01030.2      | E230M-1978 | 020×005N | 1607-2365 | 1380 | 52723.232 | 99  | −2.45          |
| <b>o6lv01030</b> |            |          |           | 2773 | 52723.214 | 99  | 2026.21 [0.12] |
| o6lv01010.1      | E230M-2124 | 020×005N | 1687-2509 | 867  | 52723.097 | 100 | +0.00          |
| o6lv01010.2      | E230M-2124 | 020×005N | 1687-2509 | 840  | 52723.108 | 99  | +0.19          |
| <b>o6lv01010</b> |            |          |           | 1707 | 52723.097 | 100 | 2382.86 [0.20] |
| o6lv01020.1      | E230M-2124 | 020×005N | 1687-2509 | 1260 | 52723.147 | 99  | +0.00          |
| o6lv01020.2      | E230M-2124 | 020×005N | 1687-2509 | 1374 | 52723.165 | 100 | −1.01          |
| <b>o6lv01020</b> |            |          |           | 2634 | 52723.147 | 100 | 2382.86 [0.20] |
| o6lv01040.1      | E230M-2269 | 020×005N | 1840-2672 | 1380 | 52723.281 | 100 | +0.00          |

Table 4—Continued

| (1)                | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|--------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o6lv01040_2        | E230M-2269 | 020×005N | 1840-2672 | 1380 | 52723.298 | 100 | −1.25          |
| <b>o6lv01040</b>   |            |          |           | 2760 | 52723.281 | 100 | 2382.86 [0.20] |
| HD23180 [2010 low] |            |          |           |      |           |     |                |
| o64801010_1        | E140H-1416 | 020×005N | 1316-1517 | 1654 | 51844.368 | 99  |                |
| o64801020_1        | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51844.419 | 99  | +0.00          |
| o64801020_2        | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51844.486 | 99  | −0.07          |
| <b>o64801020</b>   |            |          |           | 5860 | 51844.419 | 99  | 1347.30 [0.07] |
| o64802010_1        | E140H-1416 | 020×005N | 1316-1517 | 1654 | 51844.569 | 99  |                |
| o64802020_1        | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51844.620 | 99  | +0.00          |
| o64802020_2        | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51844.687 | 99  | +0.12          |
| <b>o64802020</b>   |            |          |           | 5860 | 51844.620 | 99  | 1347.30 [0.07] |
| o64803010_1        | E140H-1416 | 020×005N | 1316-1517 | 1654 | 51945.404 | 99  |                |
| o64803020_1        | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51945.452 | 99  | +0.00          |
| o64803020_2        | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51945.519 | 99  | −0.20          |
| <b>o64803020</b>   |            |          |           | 5860 | 51945.452 | 99  | 1347.30 [0.07] |
| o64804010_1        | E140H-1416 | 020×005N | 1316-1518 | 1654 | 52162.750 | 99  |                |
| o64804020_1        | E140H-1416 | 020×005N | 1316-1518 | 2945 | 52162.802 | 99  |                |
| HD23249            |            |          |           |      |           |     |                |
| o6mr01010_1        | E140M-1425 | 020×020  | 1140-1729 | 1837 | 52721.363 | 1   |                |
| o6mr01020_1        | E140M-1425 | 020×020  | 1140-1729 | 2871 | 52721.417 | 2   | +0.00          |
| o6mr01020_2        | E140M-1425 | 020×020  | 1140-1729 | 2871 | 52721.484 | 2   | +0.30          |
| o6mr01020_3        | E140M-1425 | 020×020  | 1140-1729 | 2871 | 52721.550 | 2   | −0.01          |
| <b>o6mr01020</b>   |            |          |           | 8613 | 52721.417 | 4   | 1306.00 [0.17] |
| HD232522           |            |          |           |      |           |     |                |
| o5c08j010_1        | E140H-1271 | 020×020  | 1160-1356 | 1440 | 51459.581 | 92  |                |
| HD233622           |            |          |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o63539010_1      | E140M-1425 | 020×020  | 1140-1709 | 1440 | 52013.208 | 97  |                |
| HD23478          |            |          |           |      |           |     |                |
| o6lj01020_1      | E140H-1271 | 010×003  | 1160-1356 | 2945 | 52506.998 | 96  |                |
| o6lj01010_1      | E140H-1453 | 010×003  | 1359-1551 | 1448 | 52506.951 | 99  |                |
| HD23873          |            |          |           |      |           |     |                |
| o5c02f010_1      | E140H-1271 | 020×020  | 1160-1356 | 1440 | 51599.438 | 82  |                |
| HD240764         |            |          |           |      |           |     |                |
| o63l06010_1      | E230M-2707 | 020×020  | 2274-3117 | 2379 | 51965.012 | 99  |                |
| o63l06020_1      | E230M-2707 | 020×020  | 2274-3117 | 2940 | 51965.073 | 99  |                |
| HD24190          |            |          |           |      |           |     |                |
| o6lj02020_1      | E140H-1271 | 010×003  | 1160-1356 | 2940 | 52726.218 | 95  |                |
| o6lj02010_1      | E140H-1453 | 010×003  | 1358-1551 | 1448 | 52726.173 | 99  |                |
| HD24398          |            |          |           |      |           |     |                |
| o64811010_1      | E140H-1416 | 020×005N | 1316-1517 | 1690 | 51955.048 | 99  |                |
| o64811020_1      | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51955.098 | 99  | +0.00          |
| o64811020_2      | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51955.165 | 99  | +0.06          |
| <b>o64811020</b> |            |          |           | 5860 | 51955.098 | 99  | 1347.29 [0.09] |
| o64810010_1      | E140H-1416 | 020×005N | 1316-1517 | 1690 | 51956.989 | 99  |                |
| o64810020_1      | E140H-1416 | 020×005N | 1316-1517 | 2945 | 51957.039 | 99  | +0.00          |
| o64810020_2      | E140H-1416 | 020×005N | 1316-1517 | 2915 | 51957.107 | 99  | -0.17          |
| <b>o64810020</b> |            |          |           | 5860 | 51957.039 | 99  | 1347.29 [0.09] |
| HD24534          |            |          |           |      |           |     |                |
| o66p01010_1      | E140H-1343 | 020×009  | 1242-1439 | 1959 | 51960.933 | 99  |                |
| o66p01020_1      | E140H-1343 | 020×009  | 1242-1439 | 2940 | 51960.988 | 99  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o66p01020_2      | E140H-1343 | 020×009 | 1242-1439 | 2940 | 51961.055 | 99  | +0.05          |
| o66p01020_3      | E140H-1343 | 020×009 | 1242-1439 | 2940 | 51961.122 | 99  | +0.16          |
| <b>o66p01020</b> |            |         |           | 8820 | 51960.988 | 99  | 1347.31 [0.07] |
| o64813010_1      | E140H-1416 | 010×003 | 1316-1517 | 1407 | 51957.393 | 99  |                |
| o64813020_1      | E140H-1416 | 010×003 | 1316-1517 | 2945 | 51957.441 | 99  |                |
| o64812010_1      | E140H-1416 | 010×003 | 1316-1517 | 1407 | 51993.259 | 99  |                |
| o64812020_1      | E140H-1416 | 010×003 | 1316-1517 | 2945 | 51993.307 | 99  |                |
| o64812030_1      | E140H-1416 | 010×003 | 1316-1517 | 2024 | 51993.383 | 99  |                |
| o66p02010_1      | E140H-1526 | 020×009 | 1428-1622 | 1959 | 51932.679 | 99  |                |
| o66p03010_1      | E230H-1813 | 020×009 | 1682-1954 | 1979 | 52002.090 | 99  |                |
| o66p03020_1      | E230H-1813 | 020×009 | 1682-1954 | 2940 | 52002.141 | 100 | +0.00          |
| o66p03020_2      | E230H-1813 | 020×009 | 1682-1954 | 2940 | 52002.208 | 100 | +0.07          |
| o66p03020_3      | E230H-1813 | 020×009 | 1682-1954 | 2940 | 52002.275 | 100 | +0.01          |
| <b>o66p03020</b> |            |         |           | 8820 | 52002.141 | 100 | 1854.80 [0.15] |
| o66p04010_1      | E230H-2163 | 020×009 | 2027-2296 | 1979 | 51980.673 | 100 |                |
| o66p04020_1      | E230H-2163 | 020×009 | 2027-2296 | 2940 | 51980.729 | 100 | +0.00          |
| o66p04020_2      | E230H-2163 | 020×009 | 2027-2296 | 2940 | 51980.796 | 100 | −0.06          |
| o66p04020_3      | E230H-2163 | 020×009 | 2027-2296 | 2940 | 51980.863 | 100 | −0.01          |
| <b>o66p04020</b> |            |         |           | 8820 | 51980.729 | 100 | 2260.88 [0.07] |
| o66p05010_1      | E230H-2463 | 020×009 | 2327-2605 | 1979 | 51991.245 | 99  |                |
| o66p05020_1      | E230H-2463 | 020×009 | 2327-2605 | 2940 | 51991.300 | 99  | +0.00          |
| o66p05020_2      | E230H-2463 | 020×009 | 2327-2605 | 2940 | 51991.367 | 99  | +0.10          |
| o66p05020_3      | E230H-2463 | 020×009 | 2327-2605 | 2940 | 51991.434 | 99  | +0.11          |
| <b>o66p05020</b> |            |         |           | 8820 | 51991.300 | 99  | 2374.58 [0.10] |
| o66p06010_1      | E230H-2463 | 020×009 | 2327-2605 | 1979 | 51996.197 | 99  |                |
| o66p06020_1      | E230H-2463 | 020×009 | 2327-2605 | 2940 | 51996.251 | 99  | +0.00          |
| o66p06020_2      | E230H-2463 | 020×009 | 2327-2605 | 2940 | 51996.318 | 99  | −0.03          |
| o66p06020_3      | E230H-2463 | 020×009 | 2327-2605 | 2940 | 51996.385 | 99  | −0.05          |
| <b>o66p06020</b> |            |         |           | 8820 | 51996.251 | 99  | 2374.58 [0.10] |
| o66p07010_1      | E230H-2962 | 020×009 | 2821-3095 | 1979 | 51932.746 | 99  |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|-------------|------------|---------|-----------|------|-----------|-----|-------|
| o6e601010_1 | E230M-2415 | 020×006 | 1965-2819 | 1929 | 52212.682 | 100 |       |
| o4ao01010_1 | E230M-2707 | 020×006 | 2274-3117 | 1440 | 51321.045 | 100 |       |
| HD256       |            |         |           |      |           |     |       |
| o6lt04050_1 | E140H-1562 | 020×020 | 1463-1661 | 2150 | 52567.417 | 99  |       |
| o6lt040a0_1 | E140H-1562 | 020×020 | 1463-1661 | 694  | 52567.500 | 99  |       |
| o6lt04010_1 | E230H-1763 | 020×020 | 1628-1901 | 800  | 52567.347 | 98  |       |
| o6lt04060_1 | E230H-1763 | 020×020 | 1628-1901 | 255  | 52567.475 | 93  |       |
| o6lt04020_1 | E230H-2013 | 020×020 | 1879-2149 | 550  | 52567.361 | 100 |       |
| o6lt04070_1 | E230H-2013 | 020×020 | 1879-2149 | 170  | 52567.482 | 100 |       |
| o6lt04040_1 | E230H-2263 | 020×020 | 2128-2396 | 360  | 52567.408 | 99  |       |
| o6lt04090_1 | E230H-2263 | 020×020 | 2128-2396 | 120  | 52567.494 | 99  |       |
| o6lt04030_1 | E230H-2713 | 020×020 | 2576-2845 | 300  | 52567.371 | 99  |       |
| o6lt04080_1 | E230H-2713 | 020×020 | 2576-2845 | 200  | 52567.488 | 99  |       |
| HD26345     |            |         |           |      |           |     |       |
| o4x903010_1 | E230H-2812 | 020×020 | 2665-2942 | 144  | 51187.179 | 99  |       |
| HD26462     |            |         |           |      |           |     |       |
| o8op01010_1 | E230M-2707 | 020×006 | 2275-3118 | 1804 | 52902.371 | 100 |       |
| HD26784     |            |         |           |      |           |     |       |
| o4x908010_1 | E230H-2812 | 020×020 | 2675-2943 | 288  | 51393.715 | 99  |       |
| HD26847     |            |         |           |      |           |     |       |
| o64d04010_1 | E140M-1425 | 020×020 | 1140-1729 | 2346 | 51969.016 | 97  |       |
| HD268605    |            |         |           |      |           |     |       |
| o8p101010_1 | E140H-1271 | 020×009 | 1160-1356 | 5060 | 52920.136 | 92  | +0.00 |
| o8p101010_2 | E140H-1271 | 020×009 | 1160-1356 | 5060 | 52920.197 | 92  | −0.20 |



Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| <b>o8p101010</b> |            |         |           | 10120 | 52920.136 | 93  | 1250.65 [0.08] |
| o8p101020_1      | E230H-1913 | 020×009 | 1775-2053 | 5060  | 52920.266 | 99  | +0.00          |
| o8p101020_2      | E230H-1913 | 020×009 | 1775-2053 | 5060  | 52920.327 | 99  | +0.16          |
| <b>o8p101020</b> |            |         |           | 10120 | 52920.266 | 99  | 1809.71 [0.10] |
| o8p101030_1      | E230H-2363 | 020×009 | 2220-2496 | 5060  | 52920.391 | 99  |                |
| HD269676         |            |         |           |       |           |     |                |
| o63521010_1      | E140M-1425 | 020×020 | 1140-1729 | 1440  | 51830.965 | 91  |                |
| HD269781         |            |         |           |       |           |     |                |
| o4zv01020_1      | E230M-1978 | 020×020 | 1607-2365 | 1080  | 51229.108 | 90  |                |
| o4zv01030_1      | E230M-1978 | 020×020 | 1607-2365 | 3152  | 51229.150 | 94  |                |
| o4zv01010_1      | E230M-2707 | 020×020 | 2275-3118 | 1200  | 51229.090 | 99  |                |
| HD269810         |            |         |           |       |           |     |                |
| o6lz11010_1      | E140M-1425 | 020×020 | 1140-1729 | 1200  | 52536.403 | 94  |                |
| HD270145         |            |         |           |       |           |     |                |
| o8p103010_1      | E140H-1271 | 020×009 | 1160-1356 | 5060  | 52971.946 | 88  | +0.00          |
| o8p103010_2      | E140H-1271 | 020×009 | 1160-1356 | 5060  | 52972.007 | 88  | −0.25          |
| <b>o8p103010</b> |            |         |           | 10120 | 52971.946 | 89  | 1329.81 [0.04] |
| o8p104010_1      | E140H-1271 | 020×009 | 1160-1356 | 5060  | 52972.939 | 89  | +0.00          |
| o8p104010_2      | E140H-1271 | 020×009 | 1160-1356 | 5060  | 52973.000 | 89  | −0.16          |
| <b>o8p104010</b> |            |         |           | 10120 | 52972.939 | 89  | 1329.81 [0.04] |
| o8p103020_1      | E230H-1913 | 020×009 | 1775-2053 | 5060  | 52972.077 | 99  | +0.00          |
| o8p103020_2      | E230H-1913 | 020×009 | 1775-2053 | 5060  | 52972.138 | 99  | +0.00          |
| <b>o8p103020</b> |            |         |           | 10120 | 52972.077 | 99  | ...            |
| o8p104020_1      | E230H-1913 | 020×009 | 1775-2053 | 5060  | 52973.069 | 99  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|-------|-----------|-----|----------------|
| o8p104020_2      | E230H-1913 | 020×009  | 1775-2053 | 5060  | 52973.130 | 99  | +0.00          |
| <b>o8p104020</b> |            |          |           | 10120 | 52973.069 | 99  | ...            |
| o8p103030_1      | E230H-2363 | 020×009  | 2220-2496 | 5060  | 52972.202 | 98  |                |
| o8p104030_1      | E230H-2363 | 020×009  | 2220-2496 | 5060  | 52973.194 | 98  |                |
| HD270952         |            |          |           |       |           |     |                |
| o6lz10010_1      | E140M-1425 | 020×020  | 1140-1729 | 1200  | 53124.893 | 92  |                |
| HD27561          |            |          |           |       |           |     |                |
| o4x901010_1      | E230H-2812 | 010×020  | 2665-2942 | 120   | 51124.291 | 99  |                |
| HD27778          |            |          |           |       |           |     |                |
| o59s01010_1      | E140H-1271 | 020×009  | 1160-1356 | 855   | 51632.987 | 93  | +0.00          |
| o59s01010_2      | E140H-1271 | 020×009  | 1160-1356 | 802   | 51632.998 | 93  | -0.19          |
| <b>o59s01010</b> |            |          |           | 1657  | 51632.987 | 94  | 1329.65 [0.07] |
| o59s01020_1      | E140H-1271 | 020×009  | 1160-1356 | 1230  | 51633.040 | 94  | +0.00          |
| o59s01020_2      | E140H-1271 | 020×009  | 1160-1356 | 1426  | 51633.058 | 94  | -0.39          |
| <b>o59s01020</b> |            |          |           | 2656  | 51633.040 | 94  | 1329.65 [0.07] |
| o6lb01010_1      | E230H-2263 | 020×020F | 2128-2396 | 859   | 52732.909 | 99  | +0.00          |
| o6lb01010_2      | E230H-2263 | 020×020F | 2128-2396 | 794   | 52732.921 | 99  | +0.23          |
| <b>o6lb01010</b> |            |          |           | 1653  | 52732.909 | 99  | 2344.35 [0.11] |
| o6lb01020_1      | E230H-2263 | 020×020F | 2128-2396 | 1300  | 52732.962 | 99  | +0.00          |
| o6lb01020_2      | E230H-2263 | 020×020F | 2128-2396 | 1248  | 52732.980 | 99  | +0.09          |
| <b>o6lb01020</b> |            |          |           | 2548  | 52732.962 | 99  | 2344.35 [0.11] |
| o6lb01030_1      | E230H-2263 | 020×020F | 2128-2396 | 1300  | 52733.028 | 99  | +0.00          |
| o6lb01030_2      | E230H-2263 | 020×020F | 2128-2396 | 1248  | 52733.047 | 99  | +0.14          |
| <b>o6lb01030</b> |            |          |           | 2548  | 52733.028 | 99  | 2344.35 [0.11] |
| o6lb01040_1      | E230H-2263 | 020×020F | 2128-2396 | 1300  | 52733.095 | 99  | +0.00          |

Table 4—Continued

| (1)                 | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|---------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o6lb01040.2         | E230H-2263 | 020×020F | 2128-2396 | 1248 | 52733.114 | 99  | +0.06          |
| <b>o6lb01040</b>    |            |          |           | 2548 | 52733.095 | 99  | 2344.35 [0.11] |
| HD27808             |            |          |           |      |           |     |                |
| o4x916010.1         | E230H-2812 | 020×020  | 2665-2942 | 312  | 51211.299 | 99  |                |
| HD27848             |            |          |           |      |           |     |                |
| o4x905010.1         | E230H-2812 | 020×020  | 2665-2942 | 144  | 51219.489 | 99  |                |
| o4x911010.1         | E230H-2812 | 020×020  | 2665-2942 | 144  | 51235.814 | 99  |                |
| HD28033 [1 bad exp] |            |          |           |      |           |     |                |
| o4x918030.1         | E140M-1425 | 020×020  | 1140-1729 | 570  | 51212.695 | 0   | +0.00          |
| o4x918030.2         | E140M-1425 | 020×020  | 1140-1729 | 675  | 51212.702 | 0   | +0.00          |
| o4x918030.3         | E140M-1425 | 020×020  | 1140-1729 | 684  | 51212.710 | 0   | +0.00          |
| o4x918030.4         | E140M-1425 | 020×020  | 1140-1729 | 684  | 51212.721 | 0   | +0.00          |
| <b>o4x918030</b>    |            |          |           | 2613 | 51212.695 | 0   | ...            |
| o4x920020.1         | E140M-1425 | 020×020  | 1140-1709 | 533  | 51390.036 | 0   | +0.00          |
| o4x920020.2         | E140M-1425 | 020×020  | 1140-1709 | 533  | 51390.044 | 0   | +0.00          |
| <b>o4x920020</b>    |            |          |           | 1065 | 51390.036 | 0   | ...            |
| o4x920030.1         | E140M-1425 | 020×020  | 1140-1709 | 570  | 51390.082 | 0   | +0.00          |
| o4x920030.2         | E140M-1425 | 020×020  | 1140-1709 | 675  | 51390.089 | 0   | +0.00          |
| o4x920030.3         | E140M-1425 | 020×020  | 1140-1709 | 684  | 51390.097 | 0   | +0.00          |
| o4x920030.4         | E140M-1425 | 020×020  | 1140-1709 | 684  | 51390.108 | 0   | +0.00          |
| <b>o4x920030</b>    |            |          |           | 2613 | 51390.082 | 0   | ...            |
| o6lm31010.1         | E230H-2762 | 020×020  | 2620-2887 | 2358 | 52713.286 | 0   |                |
| o6lmc1010.1         | E230H-2762 | 020×020  | 2620-2888 | 2358 | 52901.561 | 100 |                |
| o6lmc1030.1         | E230H-2762 | 020×020  | 2620-2888 | 2876 | 52901.694 | 100 |                |
| o6lmc1050.1         | E230H-2762 | 020×020  | 2620-2888 | 2876 | 52901.827 | 100 |                |
| o4x920010.1         | E230H-2812 | 020×020  | 2666-2931 | 288  | 51390.028 | 98  |                |
| o6lmc1020.1         | E230H-3012 | 020×020  | 2885-3159 | 2876 | 52901.627 | 100 |                |
| o6lmc1040.1         | E230H-3012 | 020×020  | 2885-3159 | 2876 | 52901.761 | 100 |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|------------------|------------|---------|-----------|------|-----------|-----|-------|
| HD28205          |            |         |           |      |           |     |       |
| o4x910020_1      | E140M-1425 | 020×020 | 1140-1729 | 576  | 51213.590 | 0   | +0.00 |
| o4x910020_2      | E140M-1425 | 020×020 | 1140-1729 | 576  | 51213.598 | 0   | +0.00 |
| <b>o4x910020</b> |            |         |           | 1152 | 51213.590 | 0   | ...   |
| o4x910030_1      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51213.636 | 0   | +0.00 |
| o4x910030_2      | E140M-1425 | 020×020 | 1140-1729 | 600  | 51213.643 | 0   | +0.00 |
| o4x910030_3      | E140M-1425 | 020×020 | 1140-1729 | 684  | 51213.651 | 0   | +0.00 |
| o4x910030_4      | E140M-1425 | 020×020 | 1140-1729 | 720  | 51213.661 | 0   | +0.00 |
| <b>o4x910030</b> |            |         |           | 2604 | 51213.636 | 0   | ...   |
| o4x910010_1      | E230H-2812 | 020×020 | 2665-2942 | 240  | 51213.583 | 99  |       |
| HD28237          |            |         |           |      |           |     |       |
| o4x909010_1      | E230H-2812 | 020×020 | 2665-2942 | 543  | 51170.185 | 94  | +0.00 |
| o4x909010_2      | E230H-2812 | 020×020 | 2665-2942 | 576  | 51170.193 | 95  | +0.00 |
| o4x909010_3      | E230H-2812 | 020×020 | 2665-2942 | 576  | 51170.200 | 95  | +0.00 |
| <b>o4x909010</b> |            |         |           | 1695 | 51170.185 | 99  | ...   |
| HD282624         |            |         |           |      |           |     |       |
| o6cv02020_1      | E140H-1343 | 020×009 | 1242-1440 | 1545 | 52566.437 | 0   |       |
| o6cv02030_1      | E140H-1343 | 020×009 | 1242-1440 | 2935 | 52566.488 | 0   |       |
| o6cv02040_1      | E140H-1343 | 020×009 | 1242-1440 | 2935 | 52566.555 | 0   |       |
| o6cv02050_1      | E140H-1343 | 020×009 | 1242-1440 | 2935 | 52566.621 | 0   |       |
| o6cv02060_1      | E140H-1343 | 020×009 | 1242-1440 | 2935 | 52566.688 | 0   |       |
| o63l05010_1      | E230M-2707 | 020×020 | 2274-3117 | 2383 | 51964.878 | 93  |       |
| o63l05020_1      | E230M-2707 | 020×020 | 2274-3117 | 2940 | 51964.939 | 94  |       |
| HD283518         |            |         |           |      |           |     |       |
| o5e308010_1      | E140M-1425 | 020×006 | 1140-1729 | 2000 | 51939.441 | 0   |       |
| o5e308020_1      | E140M-1425 | 020×006 | 1140-1729 | 2920 | 51939.496 | 0   |       |
| o5e308040_1      | E140M-1425 | 020×006 | 1140-1729 | 2020 | 51939.569 | 0   |       |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o5e308050_1 | E140M-1425 | 020×006 | 1140-1729 | 2650 | 51939.630 | 0   |     |
| HD283571    |            |         |           |      |           |     |     |
| o63l01010_1 | E230M-2707 | 020×020 | 2274-3117 | 2353 | 51959.985 | 83  |     |
| o63l01020_1 | E230M-2707 | 020×020 | 2274-3117 | 2923 | 51960.052 | 87  |     |
| o63l01030_1 | E230M-2707 | 020×020 | 2274-3117 | 2923 | 51960.119 | 85  |     |
| HD283654    |            |         |           |      |           |     |     |
| o6cv01020_1 | E140H-1343 | 020×009 | 1242-1440 | 1350 | 52512.497 | 0   |     |
| o6cv01030_1 | E140H-1343 | 020×009 | 1242-1440 | 2920 | 52512.546 | 1   |     |
| o6cv01040_1 | E140H-1343 | 020×009 | 1242-1440 | 2920 | 52512.612 | 1   |     |
| o6cv01050_1 | E140H-1343 | 020×009 | 1242-1440 | 2920 | 52512.679 | 1   |     |
| o6cv01060_1 | E140H-1343 | 020×009 | 1242-1440 | 2920 | 52512.746 | 1   |     |
| o5kc01030_1 | E140M-1425 | 050×050 | 1140-1729 | 2320 | 51439.905 | 4   |     |
| o5e306010_1 | E140M-1425 | 020×006 | 1140-1729 | 2000 | 51571.004 | 0   |     |
| o5e306020_1 | E140M-1425 | 020×006 | 1140-1729 | 2920 | 51571.060 | 0   |     |
| o5e306040_1 | E140M-1425 | 020×006 | 1140-1729 | 1820 | 51571.136 | 0   |     |
| o5e306050_1 | E140M-1425 | 020×006 | 1140-1729 | 2650 | 51571.194 | 0   |     |
| o5kc01020_1 | E230M-2561 | 020×020 | 2132-2941 | 1670 | 51439.850 | 76  |     |
| HD28406     |            |         |           |      |           |     |     |
| o4x914010_1 | E230H-2812 | 020×020 | 2665-2942 | 240  | 51137.258 | 99  |     |
| HD284419    |            |         |           |      |           |     |     |
| o5e304010_1 | E140M-1425 | 020×006 | 1140-1729 | 1870 | 51795.327 | 1   |     |
| o5e304020_1 | E140M-1425 | 020×006 | 1140-1729 | 2630 | 51795.383 | 2   |     |
| o5e304040_1 | E140M-1425 | 020×006 | 1140-1729 | 2320 | 51795.456 | 1   |     |
| o5e304050_1 | E140M-1425 | 020×006 | 1140-1729 | 2630 | 51795.517 | 1   |     |
| o5e304060_1 | E140M-1425 | 020×006 | 1140-1729 | 2630 | 51795.584 | 1   |     |
| o63l02010_1 | E230M-2707 | 020×020 | 2274-3117 | 2331 | 51961.932 | 88  |     |
| o63l02020_1 | E230M-2707 | 020×020 | 2274-3117 | 2880 | 51961.992 | 90  |     |
| o63l02030_1 | E230M-2707 | 020×020 | 2274-3117 | 2880 | 51962.059 | 90  |     |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)   |
|------------------|------------|----------|-----------|------|-----------|-----|-------|
| HD28483          |            |          |           |      |           |     |       |
| o4x917010_1      | E230H-2812 | 010×020  | 2665-2942 | 180  | 51125.300 | 99  |       |
| HD28497          |            |          |           |      |           |     |       |
| o4c503020_1      | E140H-1598 | 020×005N | 1494-1687 | 900  | 51208.346 | 99  |       |
| o5jy01010_1      | E140H-1598 | 010×003  | 1494-1687 | 420  | 51631.697 | 99  |       |
| o5jy01020_1      | E140H-1598 | 010×003  | 1494-1687 | 420  | 51631.703 | 99  |       |
| o5jy01030_1      | E140H-1598 | 010×003  | 1494-1687 | 393  | 51631.708 | 99  |       |
| o5jy51010_1      | E140H-1598 | 010×003  | 1494-1687 | 420  | 51752.513 | 99  |       |
| o5jy51020_1      | E140H-1598 | 010×003  | 1494-1687 | 420  | 51752.520 | 99  |       |
| o5jy51030_1      | E140H-1598 | 010×003  | 1494-1687 | 393  | 51752.525 | 99  |       |
| o4c501030_1      | E140M-1425 | 020×005N | 1140-1729 | 521  | 50822.337 | 95  |       |
| o4c501020_1      | E230H-2263 | 020×005N | 2128-2396 | 600  | 50822.324 | 99  |       |
| o4c503030_1      | E230M-2707 | 020×005N | 2275-3118 | 288  | 51208.361 | 99  |       |
| HD28568          |            |          |           |      |           |     |       |
| o4x904020_1      | E140M-1425 | 020×020  | 1140-1729 | 533  | 51125.172 | 0   | +0.00 |
| o4x904020_2      | E140M-1425 | 020×020  | 1140-1729 | 533  | 51125.179 | 0   | +0.00 |
| <b>o4x904020</b> |            |          |           | 1065 | 51125.172 | 1   | ...   |
| o4x904010_1      | E230H-2812 | 010×020  | 2665-2942 | 144  | 51125.165 | 99  |       |
| HD28608          |            |          |           |      |           |     |       |
| o4x915010_1      | E230H-2812 | 010×020  | 2665-2942 | 240  | 51124.224 | 99  |       |
| HD28736          |            |          |           |      |           |     |       |
| o4x902010_1      | E230H-2812 | 020×020  | 2665-2942 | 144  | 51192.757 | 100 |       |
| HD29139          |            |          |           |      |           |     |       |
| o6je01010_1      | E140M-1425 | 020×020  | 1140-1729 | 1821 | 52277.428 | 29  |       |
| o6je01020_1      | E140M-1425 | 020×020  | 1140-1729 | 2897 | 52277.480 | 41  | +0.00 |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o6je01020_2      | E140M-1425 | 020×020 | 1140-1729 | 2897 | 52277.547 | 39  | +0.59          |
| o6je01020_3      | E140M-1425 | 020×020 | 1140-1729 | 2897 | 52277.614 | 38  | +0.34          |
| <b>o6je01020</b> |            |         |           | 8691 | 52277.480 | 67  | 1302.53 [0.16] |
| HD29225          |            |         |           |      |           |     |                |
| o4x912010_1      | E230H-2812 | 010×020 | 2665-2942 | 240  | 51112.738 | 100 |                |
| HD29419          |            |         |           |      |           |     |                |
| o4x919010_1      | E230H-2812 | 010×020 | 2665-2942 | 288  | 51122.482 | 97  |                |
| HD298986         |            |         |           |      |           |     |                |
| o8oe06010_1      | E230M-2707 | 020×006 | 2275-3118 | 1949 | 53188.793 | 99  |                |
| o8oe06020_1      | E230M-2707 | 020×006 | 2275-3118 | 3018 | 53188.839 | 99  |                |
| HD30122          |            |         |           |      |           |     |                |
| o5c065010_1      | E140H-1271 | 020×020 | 1160-1356 | 360  | 51479.993 | 93  |                |
| HD303308         |            |         |           |      |           |     |                |
| o4qx04010_1      | E140H-1234 | 020×009 | 1141-1335 | 2220 | 50891.918 | 89  |                |
| o4qx04020_1      | E140H-1416 | 020×009 | 1316-1517 | 1560 | 50891.947 | 98  |                |
| o4qx04030_1      | E140H-1598 | 020×009 | 1494-1687 | 2400 | 50891.970 | 99  |                |
| o4qx04040_1      | E230H-1763 | 010×009 | 1629-1901 | 4020 | 50892.010 | 99  |                |
| o4qx04050_1      | E230H-2513 | 010×009 | 2378-2650 | 1380 | 50892.062 | 98  |                |
| o4qx04060_1      | E230H-2762 | 010×009 | 2620-2888 | 1140 | 50892.082 | 98  |                |
| HD30649          |            |         |           |      |           |     |                |
| o62u07010_1      | E230M-2707 | 020×006 | 2274-3117 | 1984 | 51955.318 | 100 |                |
| o62u07020_1      | E230M-2707 | 020×006 | 2274-3117 | 3054 | 51955.371 | 100 |                |
| HD30738          |            |         |           |      |           |     |                |

Table 4—Continued

| (1)                    | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o4x913010_1            | E230H-2812 | 010×020  | 2665-2942 | 240  | 51124.360 | 99  |                |
| HD30836 [VAR 2 epochs] |            |          |           |      |           |     |                |
| o6lv02030_1            | E230M-1978 | 020×005N | 1607-2365 | 600  | 52735.897 | 37  | +0.00          |
| o6lv02030_2            | E230M-1978 | 020×005N | 1607-2365 | 600  | 52735.905 | 34  | +0.00          |
| <b>o6lv02030</b>       |            |          |           | 1200 | 52735.897 | 54  | ...            |
| o6lv12030_1            | E230M-1978 | 020×005N | 1607-2365 | 600  | 52853.679 | 99  | +0.00          |
| o6lv12030_2            | E230M-1978 | 020×005N | 1607-2365 | 600  | 52853.687 | 99  | −2.19          |
| <b>o6lv12030</b>       |            |          |           | 1200 | 52853.679 | 99  | 1862.99 [0.45] |
| o6lv02010_1            | E230M-2124 | 020×005N | 1687-2509 | 856  | 52735.844 | 56  |                |
| o6lv02020_1            | E230M-2124 | 020×005N | 1687-2509 | 720  | 52735.855 | 51  |                |
| o6lv12010_1            | E230M-2124 | 020×005N | 1687-2510 | 720  | 52853.628 | 100 |                |
| o6lv12020_1            | E230M-2124 | 020×005N | 1687-2510 | 600  | 52853.638 | 100 |                |
| o6lv02040_1            | E230M-2269 | 020×005N | 1840-2672 | 600  | 52735.917 | 62  | +0.00          |
| o6lv02040_2            | E230M-2269 | 020×005N | 1840-2672 | 491  | 52735.924 | 53  | +0.00          |
| <b>o6lv02040</b>       |            |          |           | 1091 | 52735.917 | 75  | ...            |
| o6lv12040_1            | E230M-2269 | 020×005N | 1841-2673 | 600  | 52853.699 | 100 | +0.00          |
| o6lv12040_2            | E230M-2269 | 020×005N | 1841-2673 | 600  | 52853.745 | 100 | −0.46          |
| <b>o6lv12040</b>       |            |          |           | 1200 | 52853.699 | 100 | 2382.93 [0.23] |
| HD308813               |            |          |           |      |           |     |                |
| o63559010_1            | E140M-1425 | 020×020  | 1140-1729 | 1440 | 51958.013 | 96  |                |
| HD310376               |            |          |           |      |           |     |                |
| o5bi07010_1            | E140M-1425 | 020×020  | 1140-1729 | 2300 | 51586.851 | 96  |                |
| o5bi08010_1            | E140M-1425 | 020×020  | 1140-1709 | 2600 | 51746.301 | 96  |                |
| o5bi09010_1            | E140M-1425 | 020×020  | 1140-1729 | 2600 | 51803.123 | 97  |                |
| HD31293                |            |          |           |      |           |     |                |
| o57z04010_1            | E140M-1425 | 020×006  | 1140-1729 | 853  | 51601.591 | 75  | +0.00          |



Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o57z04010_2      | E140M-1425 | 020×006 | 1140-1729 | 960   | 51601.602 | 76  | −0.85          |
| <b>o57z04010</b> |            |         |           | 1813  | 51601.591 | 78  | 1302.34 [0.17] |
| HD3175           |            |         |           |       |           |     |                |
| o5c08v010_1      | E140H-1271 | 020×020 | 1163-1356 | 1440  | 51706.451 | 95  |                |
| HD31845          |            |         |           |       |           |     |                |
| o4x906010_1      | E230H-2812 | 010×020 | 2665-2942 | 150   | 51125.368 | 99  |                |
| HD31910          |            |         |           |       |           |     |                |
| o5bn60010_1      | E140M-1425 | 020×020 | 1140-1729 | 2750  | 51440.580 | 22  | +0.00          |
| o5bn60010_2      | E140M-1425 | 020×020 | 1140-1729 | 2750  | 51440.615 | 23  | +0.54          |
| o5bn60010_3      | E140M-1425 | 020×020 | 1140-1729 | 2750  | 51440.649 | 22  | +0.68          |
| o5bn60010_4      | E140M-1425 | 020×020 | 1140-1729 | 2750  | 51440.684 | 22  | +0.34          |
| o5bn60010_5      | E140M-1425 | 020×020 | 1140-1729 | 2750  | 51440.718 | 21  | −0.07          |
| <b>o5bn60010</b> |            |         |           | 13750 | 51440.580 | 66  | 1295.64 [0.21] |
| o5bn60030_1      | E230H-2663 | 020×009 | 2526-2804 | 1100  | 51440.790 | 99  | +0.00          |
| o5bn60030_2      | E230H-2663 | 020×009 | 2526-2804 | 1100  | 51440.805 | 99  | −0.21          |
| <b>o5bn60030</b> |            |         |           | 2200  | 51440.790 | 99  | 2669.08 [0.18] |
| o5bn60040_1      | E230H-2862 | 020×009 | 2722-3000 | 500   | 51440.822 | 99  |                |
| o5bn60020_1      | E230M-2124 | 020×006 | 1687-2510 | 1200  | 51440.755 | 71  | +0.00          |
| o5bn60020_2      | E230M-2124 | 020×006 | 1687-2510 | 1200  | 51440.771 | 71  | +0.36          |
| <b>o5bn60020</b> |            |         |           | 2400  | 51440.755 | 76  | 2436.25 [0.27] |
| HD32008          |            |         |           |       |           |     |                |
| o8om01010_1      | E140M-1425 | 020×020 | 1140-1729 | 2380  | 52865.289 | 98  |                |
| HD32039          |            |         |           |       |           |     |                |
| o56l03030_1      | E140H-1271 | 020×009 | 1160-1356 | 1200  | 51217.267 | 88  |                |
| o56l03040_1      | E140H-1271 | 020×009 | 1160-1356 | 1200  | 51217.283 | 87  |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o56l03050_1      | E140H-1271 | 020×009  | 1160-1356 | 110  | 51217.300 | 72  |                |
| o56l03060_1      | E140H-1271 | 020×009  | 1160-1356 | 1291 | 51217.335 | 88  |                |
| o56l03070_1      | E140H-1271 | 020×009  | 1160-1356 | 1584 | 51217.350 | 88  |                |
| o56l03010_1      | E230H-1963 | 020×009  | 1834-2103 | 840  | 51217.214 | 100 |                |
| o56l03020_1      | E230H-1963 | 020×009  | 1834-2103 | 840  | 51217.225 | 100 |                |
| HD32040          |            |          |           |      |           |     |                |
| o56l04010_1      | E140H-1271 | 020×009  | 1160-1356 | 840  | 51214.594 | 92  |                |
| o56l04020_1      | E140H-1271 | 020×009  | 1160-1356 | 840  | 51214.605 | 92  |                |
| o56l04030_1      | E140H-1271 | 020×009  | 1160-1356 | 1152 | 51214.647 | 92  |                |
| o56l04040_1      | E230H-1963 | 020×009  | 1834-2103 | 1152 | 51214.666 | 100 |                |
| HD33262          |            |          |           |      |           |     |                |
| o5bn01010_1      | E140M-1425 | 020×020  | 1140-1709 | 3000 | 51299.841 | 36  | +0.00          |
| o5bn01010_2      | E140M-1425 | 020×020  | 1140-1709 | 3000 | 51299.879 | 35  | +0.62          |
| <b>o5bn01010</b> |            |          |           | 6000 | 51299.841 | 52  | 1393.80 [0.24] |
| o5bn01030_1      | E230H-2663 | 020×009  | 2526-2794 | 400  | 51299.936 | 100 | +0.00          |
| o5bn01030_2      | E230H-2663 | 020×009  | 2526-2794 | 400  | 51299.943 | 100 | −0.16          |
| <b>o5bn01030</b> |            |          |           | 800  | 51299.936 | 100 | 2657.37 [0.18] |
| o5bn01040_1      | E230H-2862 | 020×009  | 2722-2999 | 255  | 51299.952 | 99  |                |
| o5bn01020_1      | E230M-2124 | 020×006  | 1701-2509 | 500  | 51299.919 | 89  | +0.00          |
| o5bn01020_2      | E230M-2124 | 020×006  | 1701-2509 | 500  | 51299.926 | 88  | +0.07          |
| <b>o5bn01020</b> |            |          |           | 1000 | 51299.919 | 92  | 2165.55 [0.26] |
| HD3369           |            |          |           |      |           |     |                |
| o8rk06010_1      | E230M-1978 | 020×005N | 1607-2365 | 600  | 53046.373 | 99  |                |
| HD34029          |            |          |           |      |           |     |                |
| o5lc01010_1      | E140M-1425 | 020×006  | 1140-1729 | 2005 | 51433.797 | 86  |                |
| o5lc01020_1      | E140M-1425 | 020×006  | 1140-1729 | 3054 | 51433.856 | 89  | +0.00          |
| o5lc01020_2      | E140M-1425 | 020×006  | 1140-1729 | 3054 | 51433.923 | 88  | −1.44          |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| <b>o5lc01020</b> |            |          |           | 6108 | 51433.856 | 91  | 1299.23 [0.62] |
| HD34078          |            |          |           |      |           |     |                |
| o5gm05020_1      | E230H-2013 | 010×003  | 1879-2149 | 432  | 51618.386 | 99  |                |
| o5gm05010_1      | E230H-2063 | 010×003  | 1935-2204 | 432  | 51618.376 | 99  |                |
| HD34816          |            |          |           |      |           |     |                |
| o6lv03030_1      | E230M-1978 | 020×005N | 1607-2365 | 600  | 52754.508 | 99  | +0.00          |
| o6lv03030_2      | E230M-1978 | 020×005N | 1607-2365 | 600  | 52754.516 | 99  | +1.29          |
| <b>o6lv03030</b> |            |          |           | 1200 | 52754.508 | 99  | 2079.79 [0.25] |
| o8rk12010_1      | E230M-1978 | 020×005N | 1607-2365 | 200  | 52966.067 | 99  |                |
| o6lv03010_1      | E230M-2124 | 020×005N | 1687-2509 | 855  | 52754.456 | 100 |                |
| o6lv03020_1      | E230M-2124 | 020×005N | 1687-2509 | 720  | 52754.467 | 100 |                |
| o6lv03040_1      | E230M-2269 | 020×005N | 1840-2672 | 600  | 52754.528 | 100 | +0.00          |
| o6lv03040_2      | E230M-2269 | 020×005N | 1840-2672 | 491  | 52754.535 | 100 | +0.59          |
| <b>o6lv03040</b> |            |          |           | 1091 | 52754.528 | 100 | 2382.85 [0.28] |
| HD35337          |            |          |           |      |           |     |                |
| o6lv04020_1      | E230M-1978 | 020×005N | 1607-2365 | 1026 | 52753.528 | 99  | +0.00          |
| o6lv04020_2      | E230M-1978 | 020×005N | 1607-2365 | 1140 | 52753.573 | 99  | -0.71          |
| <b>o6lv04020</b> |            |          |           | 2166 | 52753.528 | 99  | 1862.90 [0.20] |
| o6lv04010_1      | E230M-2124 | 020×005N | 1687-2509 | 1656 | 52753.456 | 100 | +0.00          |
| o6lv04010_2      | E230M-2124 | 020×005N | 1687-2509 | 1380 | 52753.507 | 100 | -1.37          |
| <b>o6lv04010</b> |            |          |           | 3036 | 52753.456 | 100 | 2382.88 [0.22] |
| o6lv04030_1      | E230M-2269 | 020×005N | 1840-2672 | 1347 | 52753.591 | 100 |                |
| HD35914          |            |          |           |      |           |     |                |
| o52902010_1      | E140H-1234 | 020×009  | 1141-1335 | 1200 | 51250.472 | 90  |                |
| o52902020_1      | E140H-1416 | 020×009  | 1316-1517 | 80   | 51250.490 | 97  |                |
| o52902030_1      | E140H-1416 | 020×009  | 1316-1517 | 1120 | 51250.523 | 98  |                |

Table 4—Continued

| (1)                          | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o52902040_1                  | E140H-1598 | 020×009  | 1494-1687 | 1413 | 51250.540 | 97  |                |
| HD36285 [”dithered” on slit] |            |          |           |      |           |     |                |
| o6lv05010_1                  | E230H-2013 | 310×005N | 1879-2149 | 572  | 52757.389 | 100 |                |
| o6lv05020_1                  | E230H-2013 | 310×005N | 1879-2149 | 1080 | 52757.398 | 100 |                |
| o6lv05030_1                  | E230H-2013 | 310×005N | 1879-2149 | 1260 | 52757.443 | 100 |                |
| o6lv05040_1                  | E230H-2013 | 310×005N | 1879-2149 | 1272 | 52757.462 | 100 |                |
| o6lv05050_1                  | E230H-2013 | 310×005N | 1879-2149 | 1200 | 52757.510 | 100 |                |
| o6lv05060_1                  | E230H-2013 | 310×005N | 1879-2149 | 624  | 52757.536 | 100 |                |
| o6lv05070_1                  | E230H-2013 | 310×005N | 1879-2149 | 1410 | 52757.576 | 100 |                |
| o6lv05080_1                  | E230H-2013 | 310×005N | 1879-2149 | 1410 | 52757.593 | 100 |                |
| o6lv05090_1                  | E230H-2013 | 310×005N | 1879-2149 | 1410 | 52757.644 | 100 |                |
| o6lv050a0_1                  | E230H-2013 | 310×005N | 1879-2149 | 1388 | 52757.661 | 100 |                |
| HD36408B                     |            |          |           |      |           |     |                |
| o8mm04020_1                  | E140H-1271 | 020×009  | 1160-1356 | 1369 | 53073.908 | 90  | +0.00          |
| o8mm04020_2                  | E140H-1271 | 020×009  | 1160-1356 | 1369 | 53073.925 | 90  | −0.42          |
| <b>o8mm04020</b>             |            |          |           | 2738 | 53073.908 | 91  | 1328.91 [0.07] |
| o8mm04030_1                  | E140H-1598 | 020×009  | 1494-1687 | 1369 | 53073.974 | 99  | +0.00          |
| o8mm04030_2                  | E140H-1598 | 020×009  | 1494-1687 | 1369 | 53073.992 | 99  | −0.23          |
| <b>o8mm04030</b>             |            |          |           | 2738 | 53073.974 | 99  | 1526.79 [0.14] |
| o8mm04010_1                  | E230H-2113 | 020×009  | 1980-2249 | 837  | 53073.854 | 99  | +0.00          |
| o8mm04010_2                  | E230H-2113 | 020×009  | 1980-2249 | 837  | 53073.865 | 99  | +0.29          |
| <b>o8mm04010</b>             |            |          |           | 1674 | 53073.854 | 99  | 2026.25 [0.08] |
| HD36512                      |            |          |           |      |           |     |                |
| o8rk22010_1                  | E230M-1978 | 020×005N | 1607-2365 | 200  | 53076.985 | 99  |                |
| HD36591                      |            |          |           |      |           |     |                |
| o4w220040_1                  | E230M-1978 | 020×005N | 1607-2365 | 432  | 51218.546 | 97  |                |
| o4w220050_1                  | E230M-1978 | 020×005N | 1607-2365 | 432  | 51218.553 | 97  |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o4w220010_1      | E230M-2124 | 020×005N | 1701-2509 | 432  | 51218.496 | 99  |                |
| o4w220020_1      | E230M-2124 | 020×005N | 1701-2509 | 432  | 51218.503 | 99  |                |
| o4w220030_1      | E230M-2124 | 020×005N | 1701-2509 | 432  | 51218.508 | 100 |                |
| o4w220060_1      | E230M-2269 | 020×005N | 1840-2672 | 432  | 51218.562 | 99  |                |
| o4w220070_1      | E230M-2269 | 020×005N | 1840-2672 | 432  | 51218.568 | 99  |                |
| HD36841          |            |          |           |      |           |     |                |
| o63516010_1      | E140M-1425 | 020×020  | 1140-1729 | 1440 | 51871.954 | 94  |                |
| HD36959          |            |          |           |      |           |     |                |
| o8rk27010_1      | E140M-1425 | 020×005N | 1140-1729 | 900  | 52955.385 | 96  |                |
| HD36960          |            |          |           |      |           |     |                |
| o8rk29010_1      | E140M-1425 | 020×005N | 1140-1729 | 300  | 53006.256 | 96  |                |
| o6lv06020_1      | E230M-1978 | 020×005N | 1607-2365 | 780  | 52756.443 | 99  | +0.00          |
| o6lv06020_2      | E230M-1978 | 020×005N | 1607-2365 | 780  | 52756.453 | 99  | −0.90          |
| <b>o6lv06020</b> |            |          |           | 1560 | 52756.443 | 99  | 1862.95 [0.25] |
| o8rk30010_1      | E230M-1978 | 020×005N | 1607-2365 | 250  | 53066.120 | 99  |                |
| o6lv06010_1      | E230M-2124 | 020×005N | 1687-2509 | 780  | 52756.389 | 100 | +0.00          |
| o6lv06010_2      | E230M-2124 | 020×005N | 1687-2509 | 881  | 52756.400 | 100 | +0.16          |
| <b>o6lv06010</b> |            |          |           | 1661 | 52756.389 | 100 | 2382.94 [0.31] |
| o6lv06030_1      | E230M-2269 | 020×005N | 1840-2672 | 720  | 52756.467 | 100 |                |
| HD37021          |            |          |           |      |           |     |                |
| o59s02010_1      | E140H-1271 | 020×009  | 1160-1356 | 845  | 51566.042 | 90  | +0.00          |
| o59s02010_2      | E140H-1271 | 020×009  | 1160-1356 | 798  | 51566.053 | 90  | −0.13          |
| <b>o59s02010</b> |            |          |           | 1643 | 51566.042 | 90  | 1317.31 [0.06] |
| o6lb02010_1      | E230H-2263 | 020×009  | 2128-2396 | 852  | 52740.979 | 99  | +0.00          |
| o6lb02010_2      | E230H-2263 | 020×009  | 2128-2396 | 824  | 52740.990 | 99  | +0.10          |
| <b>o6lb02010</b> |            |          |           | 1675 | 52740.979 | 99  | 2374.64 [0.12] |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o6lb02020_1      | E230H-2263 | 020×009  | 2128-2396 | 1327 | 52741.032 | 99  | +0.00          |
| o6lb02020_2      | E230H-2263 | 020×009  | 2128-2396 | 1299 | 52741.051 | 99  | +0.26          |
| <b>o6lb02020</b> |            |          |           | 2626 | 52741.032 | 99  | 2374.64 [0.12] |
| o6lb02030_1      | E230H-2313 | 020×009  | 2170-2441 | 1283 | 52741.099 | 99  | +0.00          |
| o6lb02030_2      | E230H-2313 | 020×009  | 2170-2441 | 1448 | 52741.116 | 99  | +0.02          |
| <b>o6lb02030</b> |            |          |           | 2731 | 52741.099 | 99  | 2374.64 [0.12] |
| o6lb02040_1      | E230H-2363 | 020×009  | 2220-2496 | 1207 | 52741.166 | 99  | +0.00          |
| o6lb02040_2      | E230H-2363 | 020×009  | 2220-2496 | 1410 | 52741.181 | 99  | +0.31          |
| <b>o6lb02040</b> |            |          |           | 2617 | 52741.166 | 99  | 2374.64 [0.12] |
| HD37061          |            |          |           |      |           |     |                |
| o59s03010_1      | E140H-1271 | 010×003  | 1160-1356 | 550  | 51636.817 | 90  | +0.00          |
| o59s03010_2      | E140H-1271 | 010×003  | 1160-1356 | 537  | 51636.825 | 90  | −0.07          |
| <b>o59s03010</b> |            |          |           | 1087 | 51636.817 | 91  | 1317.33 [0.07] |
| o6lb03010_1      | E230H-2263 | 020×020F | 2128-2396 | 854  | 52738.978 | 99  | +0.00          |
| o6lb03010_2      | E230H-2263 | 020×020F | 2128-2396 | 792  | 52738.989 | 99  | +0.12          |
| <b>o6lb03010</b> |            |          |           | 1646 | 52738.978 | 99  | 2374.66 [0.12] |
| o6lb03020_1      | E230H-2263 | 020×020F | 2128-2396 | 1297 | 52739.032 | 99  | +0.00          |
| o6lb03020_2      | E230H-2263 | 020×020F | 2128-2396 | 1245 | 52739.051 | 99  | +0.62          |
| <b>o6lb03020</b> |            |          |           | 2542 | 52739.032 | 99  | 2374.66 [0.12] |
| o6lb03030_1      | E230H-2263 | 020×020F | 2128-2396 | 1297 | 52739.099 | 99  | +0.00          |
| o6lb03030_2      | E230H-2263 | 020×020F | 2128-2396 | 1245 | 52739.117 | 99  | +0.46          |
| <b>o6lb03030</b> |            |          |           | 2542 | 52739.099 | 99  | 2374.66 [0.12] |
| o6lb03040_1      | E230H-2263 | 020×020F | 2128-2396 | 1297 | 52739.165 | 99  | +0.00          |
| o6lb03040_2      | E230H-2263 | 020×020F | 2128-2396 | 1245 | 52739.184 | 99  | +0.56          |
| <b>o6lb03040</b> |            |          |           | 2542 | 52739.165 | 99  | 2374.66 [0.12] |
| HD37367          |            |          |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5c013010_1      | E140H-1271 | 020×020 | 1160-1356 | 360  | 51633.989 | 93  |                |
| HD37394          |            |         |           |      |           |     |                |
| o6co02050_1      | E140M-1425 | 020×020 | 1140-1729 | 864  | 52321.567 | 0   |                |
| o6co02040_1      | E140M-1425 | 020×020 | 1140-1729 | 3111 | 52321.608 | 2   |                |
| o6co02060_1      | E230M-2707 | 020×020 | 2274-3117 | 1200 | 52321.549 | 100 |                |
| HD37903          |            |         |           |      |           |     |                |
| o59s04010_1      | E140H-1271 | 020×009 | 1160-1356 | 845  | 51595.829 | 93  | +0.00          |
| o59s04010_2      | E140H-1271 | 020×009 | 1160-1356 | 798  | 51595.841 | 93  | −0.52          |
| <b>o59s04010</b> |            |         |           | 1643 | 51595.829 | 94  | 1337.59 [0.06] |
| HD3827           |            |         |           |      |           |     |                |
| o54359010_1      | E140H-1271 | 010×003 | 1160-1356 | 1362 | 51397.748 | 96  |                |
| o6lz02010_1      | E140H-1489 | 020×020 | 1390-1586 | 300  | 52623.504 | 99  |                |
| o54359020_1      | E230H-1763 | 010×003 | 1629-1897 | 1296 | 51397.792 | 99  |                |
| o54359030_1      | E230H-1763 | 010×003 | 1629-1897 | 1296 | 51397.808 | 99  |                |
| HD38282          |            |         |           |      |           |     |                |
| o6lz12010_1      | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52591.281 | 91  |                |
| HD39060/POS-CEN  |            |         |           |      |           |     |                |
| o4g001010_1      | E140H-1562 | 020×009 | 1463-1661 | 900  | 50788.304 | 99  |                |
| o4g002010_1      | E140H-1562 | 020×009 | 1463-1661 | 900  | 50801.827 | 99  |                |
| o4g001030_1      | E230H-1763 | 010×009 | 1629-1901 | 206  | 50788.325 | 95  | +0.00          |
| o4g001030_2      | E230H-1763 | 010×009 | 1629-1901 | 473  | 50788.356 | 97  | +0.00          |
| <b>o4g001030</b> |            |         |           | 678  | 50788.325 | 98  | ...            |
| o4g002030_1      | E230H-1763 | 010×009 | 1629-1901 | 206  | 50801.849 | 95  | +0.00          |
| o4g002030_2      | E230H-1763 | 010×009 | 1629-1901 | 473  | 50801.882 | 97  | +0.00          |
| <b>o4g002030</b> |            |         |           | 678  | 50801.849 | 98  | ...            |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|------------------|------------|----------|-----------|------|-----------|-----|-----|
| o4g001020_1      | E230H-2013 | 010×003  | 1879-2150 | 80   | 50788.320 | 99  |     |
| o4g002020_1      | E230H-2013 | 010×003  | 1879-2150 | 80   | 50801.843 | 99  |     |
| o4g001060_1      | E230H-2263 | 310×005N | 2128-2396 | 288  | 50788.386 | 99  |     |
| o4g002060_1      | E230H-2263 | 310×005N | 2128-2396 | 288  | 50801.912 | 99  |     |
| o4g001050_1      | E230H-2513 | 310×005N | 2377-2650 | 360  | 50788.377 | 99  |     |
| o4g002050_1      | E230H-2513 | 310×005N | 2377-2650 | 360  | 50801.903 | 99  |     |
| o4g001040_1      | E230H-2762 | 310×005N | 2620-2887 | 360  | 50788.367 | 99  |     |
| o4g002040_1      | E230H-2762 | 310×005N | 2620-2887 | 360  | 50801.893 | 99  |     |
| HD39060/POS-NE   |            |          |           |      |           |     |     |
| o6fp01050_1      | E140H-1598 | 020×020  | 1499-1687 | 2661 | 52147.374 | 10  |     |
| o6fp01060_1      | E140H-1598 | 020×020  | 1499-1687 | 3111 | 52147.436 | 13  |     |
| o6fp02040_1      | E230H-1763 | 020×020  | 1629-1897 | 2589 | 52148.111 | 56  |     |
| o6fp03020_1      | E230H-1963 | 020×006  | 1834-2103 | 1162 | 52415.715 | 5   |     |
| o6fp03030_1      | E230H-1963 | 020×006  | 1834-2103 | 838  | 52415.730 | 4   |     |
| HD39060/POS-OFFS |            |          |           |      |           |     |     |
| o6fp01010_1      | E140H-1598 | 020×020  | 1499-1687 | 400  | 52147.249 | 98  |     |
| o6fp01040_1      | E140H-1598 | 020×020  | 1499-1687 | 400  | 52147.369 | 98  |     |
| o6fp02010_1      | E230H-1763 | 020×020  | 1629-1897 | 210  | 52148.052 | 96  |     |
| o6fp03010_1      | E230H-1963 | 010×003  | 1834-2103 | 200  | 52415.711 | 99  |     |
| o6fp04010_1      | E230H-2463 | 010×003  | 2327-2605 | 200  | 52416.715 | 99  |     |
| HD39060/POS-SW   |            |          |           |      |           |     |     |
| o6fp01020_1      | E140H-1598 | 020×020  | 1499-1687 | 1448 | 52147.256 | 2   |     |
| o6fp01030_1      | E140H-1598 | 020×020  | 1499-1687 | 3111 | 52147.302 | 12  |     |
| o6fp02020_1      | E230H-1763 | 020×020  | 1629-1897 | 1628 | 52148.056 | 40  |     |
| o6fp02030_1      | E230H-1763 | 020×020  | 1629-1897 | 472  | 52148.105 | 11  |     |
| o6fp03040_1      | E230H-1963 | 020×006  | 1834-2103 | 2223 | 52415.786 | 38  |     |
| o6fp04020_1      | E230H-2463 | 010×003  | 2327-2605 | 1196 | 52416.719 | 0   |     |
| o6fp04030_1      | E230H-2463 | 010×003  | 2327-2605 | 3111 | 52416.734 | 1   |     |
| o6fp04040_1      | E230H-2463 | 010×003  | 2327-2605 | 3111 | 52416.782 | 1   |     |
| o6fp04050_1      | E230H-2463 | 010×003  | 2327-2605 | 3111 | 52416.849 | 1   |     |



Table 4—Continued

| (1)                                      | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|--|------------|---------|-----------|------|-----------|-----|----------------|
| HD39587                                  |            |         |           |      |           |     |                |
| o5bn02010_1                              | E140M-1425 | 020×020 | 1140-1729 | 1870 | 51820.049 | 14  |                |
| o5bn02020_1                              | E140M-1425 | 020×020 | 1140-1729 | 2900 | 51820.105 | 22  |                |
| o5bn02030_1                              | E140M-1425 | 020×020 | 1140-1729 | 2000 | 51820.172 | 13  |                |
| o5bn02060_1                              | E230H-2663 | 020×009 | 2526-2804 | 500  | 51820.249 | 100 | +0.00          |
| o5bn02060_2                              | E230H-2663 | 020×009 | 2526-2804 | 500  | 51820.256 | 100 | −0.02          |
| <b>o5bn02060</b>                         |            |         |           | 1000 | 51820.249 | 100 | 2685.02 [0.17] |
| o5bn02070_1                              | E230H-2862 | 020×009 | 2722-3000 | 480  | 51820.267 | 100 |                |
| o5bn02040_1                              | E230M-2124 | 020×006 | 1687-2510 | 500  | 51820.199 | 76  |                |
| o5bn02050_1                              | E230M-2124 | 020×006 | 1687-2510 | 500  | 51820.239 | 74  |                |
| HD39801/POS-CEN [only central frames]    |            |         |           |      |           |     |                |
| o4de050b0_1                              | E230H-2812 | 020×006 | 2665-2942 | 260  | 50904.746 | 98  |                |
| o4de03050_1                              | E230M-2707 | 010×003 | 2275-3118 | 280  | 50821.446 | 96  |                |
| o4de05050_1                              | E230M-2707 | 010×003 | 2274-3117 | 280  | 50904.666 | 94  |                |
| o4de07050_1                              | E230M-2707 | 010×003 | 2275-3119 | 336  | 51077.182 | 96  |                |
| o4de09050_1                              | E230M-2707 | 010×003 | 2274-3117 | 336  | 51265.305 | 95  |                |
| o6lx01020_1                              | E230M-2707 | 010×003 | 2303-3111 | 283  | 52561.570 | 95  |                |
| o6lx02060_1                              | E230M-2707 | 010×003 | 2303-3111 | 300  | 52700.574 | 95  |                |
| o6lx03060_1                              | E230M-2707 | 010×003 | 2303-3111 | 300  | 52752.538 | 94  |                |
| HD39801/SCAN [spatial scans across star] |            |         |           |      |           |     |                |
| o4de05090_1                              | E230H-2812 | 020×006 | 2665-2942 | 460  | 50904.733 | 29  |                |
| o4de050a0_1                              | E230H-2812 | 020×006 | 2665-2942 | 360  | 50904.740 | 97  |                |
| o4de050b0_1                              | E230H-2812 | 020×006 | 2665-2942 | 260  | 50904.746 | 98  |                |
| o4de050c0_1                              | E230H-2812 | 020×006 | 2665-2942 | 360  | 50904.750 | 98  |                |
| o4de050d0_1                              | E230H-2812 | 020×006 | 2665-2942 | 477  | 50904.788 | 70  |                |
| o4de03020_1                              | E230M-2707 | 010×003 | 2275-3118 | 405  | 50821.396 | 86  |                |
| o4de03030_1                              | E230M-2707 | 010×003 | 2275-3118 | 468  | 50821.402 | 93  |                |
| o4de03040_1                              | E230M-2707 | 010×003 | 2275-3118 | 380  | 50821.440 | 96  |                |
| o4de03050_1                              | E230M-2707 | 010×003 | 2275-3118 | 280  | 50821.446 | 96  |                |
| o4de03060_1                              | E230M-2707 | 010×003 | 2275-3118 | 380  | 50821.451 | 96  |                |
| o4de03070_1                              | E230M-2707 | 010×003 | 2275-3118 | 450  | 50821.457 | 93  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o4de03080_1      | E230M-2707 | 010×003 | 2275-3118 | 545  | 50821.466 | 85  |                |
| o4de05020_1      | E230M-2707 | 010×003 | 2274-3117 | 400  | 50904.616 | 84  |                |
| o4de05030_1      | E230M-2707 | 010×003 | 2274-3117 | 423  | 50904.654 | 93  |                |
| o4de05040_1      | E230M-2707 | 010×003 | 2274-3117 | 380  | 50904.660 | 95  |                |
| o4de05050_1      | E230M-2707 | 010×003 | 2274-3117 | 280  | 50904.666 | 94  |                |
| o4de05060_1      | E230M-2707 | 010×003 | 2274-3117 | 380  | 50904.671 | 94  |                |
| o4de05070_1      | E230M-2707 | 010×003 | 2274-3117 | 450  | 50904.678 | 91  |                |
| o4de05080_1      | E230M-2707 | 010×003 | 2274-3117 | 545  | 50904.721 | 88  |                |
| o4de07020_1      | E230M-2707 | 010×003 | 2275-3119 | 400  | 51077.131 | 82  |                |
| o4de07030_1      | E230M-2707 | 010×003 | 2275-3119 | 438  | 51077.137 | 92  |                |
| o4de07040_1      | E230M-2707 | 010×003 | 2275-3119 | 425  | 51077.176 | 96  |                |
| o4de07050_1      | E230M-2707 | 010×003 | 2275-3119 | 336  | 51077.182 | 96  |                |
| o4de07060_1      | E230M-2707 | 010×003 | 2275-3119 | 456  | 51077.186 | 96  |                |
| o4de07070_1      | E230M-2707 | 010×003 | 2275-3119 | 540  | 51077.192 | 94  |                |
| o4de07080_1      | E230M-2707 | 010×003 | 2275-3119 | 648  | 51077.202 | 87  |                |
| o4de09020_1      | E230M-2707 | 010×003 | 2274-3117 | 400  | 51265.256 | 85  |                |
| o4de09030_1      | E230M-2707 | 010×003 | 2274-3117 | 468  | 51265.262 | 93  |                |
| o4de09040_1      | E230M-2707 | 010×003 | 2274-3117 | 456  | 51265.299 | 94  |                |
| o4de09050_1      | E230M-2707 | 010×003 | 2274-3117 | 336  | 51265.305 | 95  |                |
| o4de09060_1      | E230M-2707 | 010×003 | 2274-3117 | 456  | 51265.310 | 95  |                |
| o4de09070_1      | E230M-2707 | 010×003 | 2274-3117 | 540  | 51265.316 | 91  |                |
| o4de09080_1      | E230M-2707 | 010×003 | 2274-3117 | 648  | 51265.325 | 84  |                |
| o6lx01030_1      | E230M-2707 | 020×006 | 2303-3111 | 600  | 52561.576 | 50  |                |
| o6lx01040_1      | E230M-2707 | 020×006 | 2303-3111 | 1000 | 52561.616 | 9   |                |
| o6lx01050_1      | E230M-2707 | 020×006 | 2303-3111 | 1849 | 52561.628 | 2   |                |
| o6lx01060_1      | E230M-2707 | 020×006 | 2303-3111 | 1400 | 52561.700 | 1   |                |
| o6lx01070_1      | E230M-2707 | 020×006 | 2303-3111 | 2899 | 52561.750 | 2   | +0.00          |
| o6lx01070_2      | E230M-2707 | 020×006 | 2303-3111 | 2899 | 52561.816 | 2   | +0.90          |
| <b>o6lx01070</b> |            |         |           | 5798 | 52561.750 | 3   | 2797.41 [0.87] |
| o6lx02070_1      | E230M-2707 | 020×006 | 2303-3111 | 2865 | 52700.611 | 0   | +0.00          |
| o6lx02070_2      | E230M-2707 | 020×006 | 2303-3111 | 2899 | 52700.677 | 0   | +0.00          |
| o6lx02070_3      | E230M-2707 | 020×006 | 2303-3111 | 2899 | 52700.744 | 0   | +0.00          |
| <b>o6lx02070</b> |            |         |           | 8663 | 52700.611 | 0   | ...            |
| o6lx03070_1      | E230M-2707 | 020×006 | 2303-3111 | 2865 | 52752.574 | 0   | +0.00          |
| o6lx03070_2      | E230M-2707 | 020×006 | 2303-3111 | 2899 | 52752.641 | 0   | +0.00          |

Table 4—Continued

| (1)                   | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|-----------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o6lx03070_3           | E230M-2707 | 020×006 | 2303-3111 | 2899 | 52752.707 | 0   | +0.00          |
| <b>o6lx03070</b>      |            |         |           | 8663 | 52752.574 | 0   | ...            |
| HD40005               |            |         |           |      |           |     |                |
| o63520010_1           | E140H-1489 | 020×020 | 1390-1586 | 360  | 51864.924 | 99  |                |
| HD40893               |            |         |           |      |           |     |                |
| o8na02010_1           | E140H-1271 | 020×020 | 1160-1356 | 1081 | 53055.254 | 90  | +0.00          |
| o8na02010_2           | E140H-1271 | 020×020 | 1160-1356 | 1081 | 53055.268 | 90  | +0.49          |
| <b>o8na02010</b>      |            |         |           | 2162 | 53055.254 | 91  | 1317.25 [0.09] |
| o8na02020_1           | E140H-1271 | 020×020 | 1160-1356 | 1317 | 53055.310 | 91  | +0.00          |
| o8na02020_2           | E140H-1271 | 020×020 | 1160-1356 | 1317 | 53055.328 | 91  | −0.05          |
| o8na02020_3           | E140H-1271 | 020×020 | 1160-1356 | 1317 | 53055.376 | 91  | −0.40          |
| o8na02020_4           | E140H-1271 | 020×020 | 1160-1356 | 1317 | 53055.394 | 91  | −0.32          |
| o8na02020_5           | E140H-1271 | 020×020 | 1160-1356 | 1317 | 53055.443 | 90  | −0.44          |
| o8na02020_6           | E140H-1271 | 020×020 | 1160-1356 | 1317 | 53055.461 | 90  | −0.14          |
| <b>o8na02020</b>      |            |         |           | 7902 | 53055.310 | 92  | 1317.25 [0.09] |
| HD4128                |            |         |           |      |           |     |                |
| o5b701010_1           | E140M-1425 | 020×020 | 1140-1729 | 1840 | 51434.739 | 42  |                |
| o5b701020_1           | E140M-1425 | 020×020 | 1140-1729 | 2897 | 51434.794 | 55  |                |
| HD4174 [VAR 7 epochs] |            |         |           |      |           |     |                |
| o8c402030_1           | E140M-1425 | 020×006 | 1140-1729 | 3022 | 52514.668 | 93  |                |
| o8c403030_1           | E140M-1425 | 020×006 | 1140-1729 | 3022 | 52563.465 | 75  |                |
| o8c406040_1           | E140M-1425 | 020×006 | 1140-1729 | 1800 | 52630.360 | 8   |                |
| o8c406050_1           | E140M-1425 | 020×006 | 1140-1729 | 2888 | 52630.413 | 13  |                |
| o8c407040_1           | E140M-1425 | 020×006 | 1140-1729 | 1700 | 52657.711 | 64  |                |
| o8c407050_1           | E140M-1425 | 020×006 | 1140-1729 | 2760 | 52657.763 | 70  |                |
| o8c404030_1           | E140M-1425 | 020×006 | 1140-1729 | 1521 | 52676.324 | 73  |                |
| o8c404040_1           | E140M-1425 | 020×006 | 1140-1729 | 3022 | 52676.374 | 80  |                |
| o8c405030_1           | E140M-1425 | 020×006 | 1140-1729 | 1734 | 52686.072 | 76  |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o8c405040_1 | E140M-1425 | 020×006 | 1140-1729 | 3022 | 52686.123 | 82  |     |
| o8c401030_1 | E140M-1425 | 020×006 | 1140-1729 | 2800 | 52851.736 | 95  |     |
| o8c402010_1 | E230M-1978 | 020×006 | 1607-2365 | 1150 | 52514.618 | 74  |     |
| o8c403010_1 | E230M-1978 | 020×006 | 1607-2365 | 1060 | 52563.414 | 70  |     |
| o8c406020_1 | E230M-1978 | 020×006 | 1607-2365 | 786  | 52630.307 | 9   |     |
| o8c406030_1 | E230M-1978 | 020×006 | 1607-2365 | 836  | 52630.346 | 6   |     |
| o8c407020_1 | E230M-1978 | 020×006 | 1607-2365 | 786  | 52657.651 | 50  |     |
| o8c407030_1 | E230M-1978 | 020×006 | 1607-2365 | 514  | 52657.700 | 33  |     |
| o8c404010_1 | E230M-1978 | 020×006 | 1607-2365 | 1887 | 52676.253 | 75  |     |
| o8c405010_1 | E230M-1978 | 020×006 | 1607-2365 | 1610 | 52686.009 | 73  |     |
| o8c401010_1 | E230M-1978 | 020×006 | 1607-2365 | 1150 | 52851.682 | 87  |     |
| o8c402020_1 | E230M-2707 | 020×006 | 2275-3118 | 410  | 52514.635 | 99  |     |
| o8c403020_1 | E230M-2707 | 020×006 | 2275-3118 | 500  | 52563.430 | 96  |     |
| o8c406010_1 | E230M-2707 | 020×006 | 2275-3118 | 774  | 52630.295 | 80  |     |
| o8c407010_1 | E230M-2707 | 020×006 | 2275-3118 | 774  | 52657.638 | 93  |     |
| o8c404020_1 | E230M-2707 | 020×006 | 2275-3118 | 1134 | 52676.307 | 98  |     |
| o8c405020_1 | E230M-2707 | 020×006 | 2275-3118 | 921  | 52686.057 | 98  |     |
| o8c401020_1 | E230M-2707 | 020×006 | 2275-3118 | 500  | 52851.699 | 99  |     |
| HD42111     |            |         |           |      |           |     |     |
| o6lt02010_1 | E140H-1380 | 020×020 | 1280-1475 | 900  | 52756.517 | 99  |     |
| o6lt02040_1 | E140H-1562 | 020×020 | 1463-1661 | 970  | 52756.577 | 99  |     |
| o6lt02060_1 | E230H-1763 | 020×020 | 1628-1901 | 840  | 52756.601 | 99  |     |
| o6lt02020_1 | E230H-2013 | 020×020 | 1879-2149 | 430  | 52756.532 | 100 |     |
| o6lt02050_1 | E230H-2263 | 020×020 | 2128-2396 | 340  | 52756.593 | 99  |     |
| o6lt02030_1 | E230H-2713 | 020×020 | 2576-2845 | 280  | 52756.541 | 99  |     |
| HD43162     |            |         |           |      |           |     |     |
| o61t02010_1 | E140M-1425 | 020×020 | 1140-1729 | 2322 | 51629.025 | 1   |     |
| HD43318     |            |         |           |      |           |     |     |
| o6e606010_1 | E230M-2415 | 020×006 | 1984-2818 | 1929 | 52321.761 | 99  |     |
| HD43818     |            |         |           |      |           |     |     |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o5c07i010_1      | E140H-1271 | 020×020  | 1163-1356 | 1440 | 52008.918 | 91  |                |
| HD43819          |            |          |           |      |           |     |                |
| o5c06f010_1      | E140H-1271 | 020×020  | 1159-1356 | 1440 | 51632.113 | 92  |                |
| HD43905          |            |          |           |      |           |     |                |
| o6e607010_1      | E230H-2513 | 020×009  | 2378-2650 | 2144 | 52229.808 | 100 |                |
| HD44173          |            |          |           |      |           |     |                |
| o5c020010_1      | E140H-1271 | 020×020  | 1163-1356 | 360  | 52018.704 | 95  |                |
| HD44743          |            |          |           |      |           |     |                |
| o56451010_1      | E140H-1271 | 030×005N | 1160-1356 | 1605 | 51422.000 | 98  | +0.00          |
| o56451010_2      | E140H-1271 | 030×005N | 1160-1356 | 1380 | 51422.052 | 98  | +1.18          |
| o56451010_3      | E140H-1271 | 030×005N | 1160-1356 | 1203 | 51422.072 | 98  | +0.71          |
| o56451010_4      | E140H-1271 | 030×005N | 1160-1356 | 1380 | 51422.119 | 98  | +0.68          |
| o56451010_5      | E140H-1271 | 030×005N | 1160-1356 | 1203 | 51422.139 | 98  | +0.20          |
| <b>o56451010</b> |            |          |           | 6771 | 51422.000 | 99  | 1260.52 [0.09] |
| o56451020_1      | E140H-1598 | 020×005N | 1494-1687 | 856  | 51422.187 | 99  | +0.00          |
| o56451020_2      | E140H-1598 | 020×005N | 1494-1687 | 840  | 51422.198 | 100 | −0.27          |
| o56451020_3      | E140H-1598 | 020×005N | 1494-1687 | 1008 | 51422.208 | 100 | −0.20          |
| <b>o56451020</b> |            |          |           | 2704 | 51422.187 | 100 | 1526.82 [0.10] |
| o8rk35010_1      | E140M-1425 | 030×005N | 1140-1729 | 450  | 52975.123 | 96  |                |
| HD45348          |            |          |           |      |           |     |                |
| o4v652070_1      | E140H-1598 | 020×009  | 1494-1687 | 600  | 52436.235 | 99  | +0.00          |
| o4v652070_2      | E140H-1598 | 020×009  | 1494-1687 | 600  | 52436.243 | 99  | −0.04          |
| <b>o4v652070</b> |            |          |           | 1200 | 52436.235 | 99  | 1585.88 [0.14] |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o4v652060.1      | E140M-1425 | 020×006  | 1140-1709 | 500  | 52436.173 | 75  | +0.00          |
| o4v652060.2      | E140M-1425 | 020×006  | 1140-1709 | 500  | 52436.180 | 76  | +0.62          |
| o4v652060.3      | E140M-1425 | 020×006  | 1140-1709 | 500  | 52436.186 | 75  | +0.71          |
| o4v652060.4      | E140M-1425 | 020×006  | 1140-1709 | 287  | 52436.192 | 73  | +1.09          |
| o4v652060.5      | E140M-1425 | 020×006  | 1140-1709 | 213  | 52436.228 | 72  | +1.20          |
| <b>o4v652060</b> |            |          |           | 2000 | 52436.173 | 80  | 1577.68 [0.34] |
| o4v652020.1      | E230H-2263 | 020×005N | 2128-2396 | 490  | 52436.056 | 99  | +0.00          |
| o4v652020.2      | E230H-2263 | 020×005N | 2128-2396 | 420  | 52436.095 | 99  | +0.39          |
| <b>o4v652020</b> |            |          |           | 910  | 52436.056 | 99  | 2329.20 [0.19] |
| o4v652030.1      | E230H-2513 | 020×005N | 2377-2650 | 300  | 52436.105 | 99  | +0.00          |
| o4v652030.2      | E230H-2513 | 020×005N | 2377-2650 | 300  | 52436.108 | 99  | −0.06          |
| <b>o4v652030</b> |            |          |           | 600  | 52436.105 | 99  | 2438.40 [0.14] |
| o4v652040.1      | E230H-2762 | 020×005N | 2620-2887 | 300  | 52436.117 | 99  | +0.00          |
| o4v652040.2      | E230H-2762 | 020×005N | 2620-2887 | 300  | 52436.121 | 99  | −0.24          |
| <b>o4v652040</b> |            |          |           | 600  | 52436.117 | 99  | 2742.75 [0.19] |
| o4v652050.1      | E230H-3012 | 020×005N | 2885-3146 | 21   | 52436.129 | 99  | +0.00          |
| o4v652050.2      | E230H-3012 | 020×005N | 2885-3146 | 279  | 52436.161 | 100 | +0.00          |
| o4v652050.3      | E230H-3012 | 020×005N | 2885-3146 | 300  | 52436.165 | 100 | +0.00          |
| <b>o4v652050</b> |            |          |           | 600  | 52436.129 | 99  | ...            |
| o4v652010.1      | E230M-1978 | 020×005N | 1607-2365 | 840  | 52436.042 | 90  |                |
| HD4539           |            |          |           |      |           |     |                |
| o8qy03020.1      | E140M-1425 | 020×020  | 1140-1729 | 1813 | 53185.820 | 98  |                |
| o8qy03030.1      | E230M-1978 | 020×020  | 1607-2365 | 1678 | 53185.874 | 99  |                |
| o8qy03040.1      | E230M-2707 | 020×020  | 2275-3118 | 866  | 53185.898 | 100 |                |
| HD4614           |            |          |           |      |           |     |                |
| o62u01010.1      | E230H-2513 | 020×009  | 2377-2650 | 2060 | 51953.332 | 100 |                |
| HD46300          |            |          |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o4w280080_1      | E140H-1307 | 020×009  | 1196-1397 | 432  | 51440.068 | 83  |                |
| o4w280010_1      | E140H-1343 | 020×009  | 1242-1440 | 360  | 51439.993 | 98  |                |
| o4w280020_1      | E140H-1343 | 020×009  | 1242-1440 | 360  | 51439.999 | 98  |                |
| o4w280030_1      | E140H-1343 | 020×009  | 1242-1440 | 360  | 51440.003 | 98  |                |
| o4w280040_1      | E140H-1380 | 020×009  | 1280-1475 | 37   | 51440.012 | 96  |                |
| o4w280050_1      | E140H-1380 | 020×009  | 1280-1475 | 388  | 51440.045 | 99  |                |
| o4w280060_1      | E140H-1380 | 020×009  | 1280-1475 | 432  | 51440.050 | 99  |                |
| o4w280070_1      | E140H-1416 | 020×009  | 1316-1518 | 432  | 51440.059 | 99  |                |
| HD48329          |            |          |           |      |           |     |                |
| o5bn70030_1      | E140M-1425 | 020×020  | 1140-1729 | 1652 | 51612.204 | 15  |                |
| o5bn70040_1      | E140M-1425 | 020×020  | 1140-1729 | 2923 | 51612.256 | 28  | +0.00          |
| o5bn70040_2      | E140M-1425 | 020×020  | 1140-1729 | 2923 | 51612.323 | 27  | −1.51          |
| o5bn70040_3      | E140M-1425 | 020×020  | 1140-1729 | 2923 | 51612.391 | 26  | +0.15          |
| <b>o5bn70040</b> |            |          |           | 8769 | 51612.256 | 56  | 1289.12 [0.16] |
| o5bn71030_1      | E230H-2663 | 020×009  | 2525-2793 | 750  | 51631.102 | 99  | +0.00          |
| o5bn71030_2      | E230H-2663 | 020×009  | 2525-2793 | 854  | 51631.112 | 99  | −0.17          |
| <b>o5bn71030</b> |            |          |           | 1604 | 51631.102 | 99  | 2670.06 [0.34] |
| o5bn71040_1      | E230H-2862 | 020×009  | 2722-2999 | 804  | 51631.126 | 99  |                |
| o5bn70010_1      | E230M-2124 | 020×006  | 1701-2509 | 1830 | 51612.137 | 62  |                |
| o5bn70020_1      | E230M-2124 | 020×006  | 1701-2509 | 767  | 51612.189 | 51  |                |
| o5bn71010_1      | E230M-2124 | 020×006  | 1701-2509 | 1830 | 51630.980 | 61  |                |
| o5bn71020_1      | E230M-2124 | 020×006  | 1701-2509 | 2923 | 51631.034 | 64  |                |
| HD50707          |            |          |           |      |           |     |                |
| o4w230030_1      | E230M-1978 | 020×005N | 1607-2365 | 216  | 51123.236 | 98  |                |
| o4w230010_1      | E230M-2124 | 020×005N | 1687-2510 | 216  | 51123.222 | 99  |                |
| o4w230020_1      | E230M-2269 | 020×005N | 1841-2673 | 216  | 51123.229 | 100 |                |
| HD52266          |            |          |           |      |           |     |                |
| o5c027010_1      | E140H-1271 | 020×020  | 1160-1356 | 360  | 51614.475 | 94  |                |

Table 4—Continued

| (1)         | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|----------|-----------|------|-----------|-----|-----|
| HD52329     |            |          |           |      |           |     |     |
| o5c07l010_1 | E140H-1271 | 020×020  | 1160-1356 | 1440 | 51615.414 | 92  |     |
| HD52463     |            |          |           |      |           |     |     |
| o6lz22010_1 | E140M-1425 | 020×020  | 1140-1729 | 600  | 52642.919 | 97  |     |
| HD54893     |            |          |           |      |           |     |     |
| o8s606010_1 | E140M-1425 | 020×005N | 1140-1729 | 1850 | 52859.295 | 96  |     |
| HD58510     |            |          |           |      |           |     |     |
| o63530010_1 | E140H-1489 | 020×020  | 1390-1586 | 1440 | 52034.746 | 99  |     |
| HD58551     |            |          |           |      |           |     |     |
| o4ao02010_1 | E230M-2707 | 020×006  | 2274-3117 | 1440 | 50905.746 | 100 |     |
| HD59635     |            |          |           |      |           |     |     |
| o8s605010_1 | E140M-1425 | 020×005N | 1140-1729 | 1850 | 53123.915 | 94  |     |
| o8s605020_1 | E140M-1425 | 020×005N | 1140-1729 | 2050 | 53123.977 | 95  |     |
| HD5980      |            |          |           |      |           |     |     |
| o55q01070_1 | E140M-1425 | 020×020  | 1140-1709 | 3236 | 51304.825 | 95  |     |
| o55q03070_1 | E140M-1425 | 020×020  | 1140-1709 | 3236 | 51308.443 | 95  |     |
| o55q04070_1 | E140M-1425 | 020×020  | 1140-1709 | 3236 | 51310.385 | 95  |     |
| o55q05070_1 | E140M-1425 | 020×020  | 1140-1709 | 3236 | 51314.405 | 95  |     |
| o55q06070_1 | E140M-1425 | 020×020  | 1140-1709 | 3236 | 51315.344 | 95  |     |
| o55q02070_1 | E140M-1425 | 020×020  | 1140-1709 | 3236 | 51654.637 | 95  |     |
| o6cd01010_1 | E140M-1425 | 020×020  | 1140-1729 | 2776 | 52386.134 | 95  |     |
| o6cd01020_1 | E230M-1978 | 020×020  | 1607-2365 | 1609 | 52386.195 | 98  |     |
| o6cd01030_1 | E230M-2707 | 020×020  | 2274-3117 | 1300 | 52386.217 | 99  |     |



Table 4—Continued

| (1)         | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|----------|-----------|------|-----------|-----|-----|
| HD59967     |            |          |           |      |           |     |     |
| o6co05050_1 | E140M-1425 | 020×020  | 1140-1729 | 864  | 52527.534 | 0   |     |
| o6co05040_1 | E140M-1425 | 020×020  | 1140-1729 | 2977 | 52527.573 | 2   |     |
| o6co05060_1 | E230M-2707 | 020×020  | 2275-3118 | 1200 | 52527.516 | 100 |     |
| HD59984     |            |          |           |      |           |     |     |
| o4ao03010_1 | E230M-2707 | 020×006  | 2275-3118 | 1440 | 51138.075 | 100 |     |
| HD60414     |            |          |           |      |           |     |     |
| o5dn030a0_1 | E140M-1425 | 020×006  | 1140-1729 | 240  | 51458.673 | 83  |     |
| o5dn03080_1 | E230H-2413 | 020×009  | 2273-2546 | 360  | 51458.657 | 97  |     |
| o5dn03070_1 | E230H-2613 | 020×009  | 2485-2754 | 300  | 51458.649 | 98  |     |
| o5dn03050_1 | E230H-2812 | 020×009  | 2666-2943 | 138  | 51458.609 | 99  |     |
| o5dn03060_1 | E230H-2812 | 020×009  | 2666-2943 | 134  | 51458.643 | 99  |     |
| o5dn03040_1 | E230H-3012 | 020×009  | 2885-3159 | 300  | 51458.601 | 100 |     |
| o5dn03090_1 | E230M-1978 | 020×006  | 1607-2365 | 240  | 51458.666 | 94  |     |
| HD61421     |            |          |           |      |           |     |     |
| o6lm41050_1 | E230H-2263 | 020×005N | 2128-2396 | 2841 | 52720.428 | 100 |     |
| o6lm41020_1 | E230H-2513 | 020×005N | 2377-2650 | 2841 | 52720.228 | 100 |     |
| o6lm41040_1 | E230H-2513 | 020×005N | 2377-2650 | 2841 | 52720.361 | 100 |     |
| o6lm41030_1 | E230H-2762 | 020×005N | 2620-2887 | 2841 | 52720.295 | 100 |     |
| o6lm41010_1 | E230H-3012 | 020×005N | 2885-3158 | 1621 | 52720.176 | 100 |     |
| HD62509     |            |          |           |      |           |     |     |
| o5bs01010_1 | E230H-2363 | 020×020  | 2226-2496 | 2304 | 51644.855 | 100 |     |
| HD6268      |            |          |           |      |           |     |     |
| o5f603010_1 | E230M-2707 | 020×006  | 2275-3118 | 1870 | 51940.376 | 94  |     |
| o5f603020_1 | E230M-2707 | 020×006  | 2275-3118 | 2923 | 51940.430 | 94  |     |

Table 4—Continued

| (1)                   | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-----------------------|------------|---------|-----------|------|-----------|-----|-----|
| HD62714               |            |         |           |      |           |     |     |
| o5c089010_1           | E140H-1271 | 020×020 | 1160-1356 | 720  | 51463.436 | 92  |     |
| HD63005               |            |         |           |      |           |     |     |
| o63531010_1           | E140M-1425 | 020×020 | 1140-1729 | 1440 | 52035.488 | 96  |     |
| HD64109               |            |         |           |      |           |     |     |
| o5c03b010_1           | E140H-1271 | 020×020 | 1163-1356 | 720  | 51681.062 | 97  |     |
| HD6456 [VAR 2 epochs] |            |         |           |      |           |     |     |
| o56l01010_1           | E140H-1271 | 010×003 | 1160-1356 | 870  | 51160.364 | 66  |     |
| o56l01020_1           | E140H-1271 | 010×003 | 1160-1356 | 746  | 51160.375 | 64  |     |
| o56l01030_1           | E140H-1271 | 010×003 | 1160-1356 | 1152 | 51160.416 | 73  |     |
| o56l51010_1           | E140H-1271 | 010×003 | 1160-1356 | 1293 | 51796.331 | 82  |     |
| o56l51020_1           | E140H-1271 | 010×003 | 1160-1356 | 1360 | 51796.379 | 80  |     |
| o56l01040_1           | E230H-1963 | 010×003 | 1834-2103 | 1152 | 51160.436 | 100 |     |
| o56l51030_1           | E230H-1963 | 010×003 | 1830-2103 | 964  | 51796.402 | 100 |     |
| HD6457                |            |         |           |      |           |     |     |
| o56l02010_1           | E140H-1271 | 010×003 | 1160-1356 | 870  | 51168.564 | 85  |     |
| o56l02020_1           | E140H-1271 | 010×003 | 1160-1356 | 746  | 51168.576 | 85  |     |
| o56l02030_1           | E140H-1271 | 010×003 | 1160-1356 | 1152 | 51168.615 | 86  |     |
| o56l02040_1           | E230H-1963 | 010×003 | 1834-2103 | 1152 | 51168.635 | 100 |     |
| HD66788               |            |         |           |      |           |     |     |
| o6lz26010_1           | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52730.171 | 95  |     |
| HD6755                |            |         |           |      |           |     |     |
| o5f654010_1           | E230M-2707 | 020×006 | 2274-3117 | 2040 | 51630.092 | 99  |     |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|-------------|------------|---------|-----------|------|-----------|-----|-------|
| HD69106     |            |         |           |      |           |     |       |
| o5lh03010_1 | E140H-1271 | 010×003 | 1163-1356 | 660  | 51703.200 | 94  |       |
| o5lh03020_1 | E140H-1271 | 010×003 | 1163-1356 | 625  | 51703.209 | 94  |       |
| o5lh03030_1 | E230H-1763 | 010×003 | 1632-1901 | 820  | 51703.249 | 99  |       |
| o5lh03040_1 | E230H-1763 | 010×003 | 1628-1901 | 984  | 51703.260 | 99  |       |
| o5lh03050_1 | E230H-1763 | 010×003 | 1628-1901 | 984  | 51703.272 | 99  |       |
| HD70110     |            |         |           |      |           |     |       |
| o4ao04010_1 | E230M-2707 | 020×006 | 2275-3118 | 1440 | 51142.913 | 100 |       |
| HD71634     |            |         |           |      |           |     |       |
| o5c090010_1 | E140H-1271 | 020×020 | 1163-1356 | 720  | 51686.570 | 92  |       |
| HD72089     |            |         |           |      |           |     |       |
| o40o01060_1 | E140H-1307 | 020×009 | 1196-1397 | 671  | 50598.017 | 93  |       |
| o40o01050_1 | E140H-1307 | 020×009 | 1196-1397 | 1163 | 50598.066 | 94  |       |
| o40o01040_1 | E140H-1307 | 020×009 | 1196-1397 | 1162 | 50598.133 | 94  |       |
| HD72660     |            |         |           |      |           |     |       |
| o6lm51030_1 | E230H-2263 | 020×020 | 2128-2396 | 550  | 52690.237 | 99  |       |
| o6lm51010_1 | E230H-2513 | 020×020 | 2377-2650 | 554  | 52690.217 | 99  |       |
| o6lm51020_1 | E230H-2762 | 020×020 | 2620-2887 | 533  | 52690.227 | 99  |       |
| HD72754     |            |         |           |      |           |     |       |
| o5c03e010_1 | E140H-1271 | 020×020 | 1160-1356 | 720  | 51464.444 | 93  |       |
| HD72779     |            |         |           |      |           |     |       |
| o5bn10010_1 | E140M-1425 | 020×020 | 1140-1709 | 1860 | 51675.910 | 4   |       |
| o5bn10020_1 | E140M-1425 | 020×020 | 1140-1709 | 2897 | 51675.964 | 6   | +0.00 |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5bn10020_2      | E140M-1425 | 020×020 | 1140-1709 | 2897 | 51676.032 | 6   | −2.47          |
| o5bn10020_3      | E140M-1425 | 020×020 | 1140-1709 | 2897 | 51676.099 | 6   | +2.77          |
| <b>o5bn10020</b> |            |         |           | 8691 | 51675.964 | 18  | 1393.99 [0.76] |
| o5bn10030_1      | E140M-1425 | 020×020 | 1140-1709 | 1150 | 51676.166 | 2   |                |
| o5bn11010_1      | E230M-2124 | 020×006 | 1716-2509 | 1827 | 51678.055 | 72  |                |
| o5bn11020_1      | E230M-2124 | 020×006 | 1716-2509 | 2897 | 51678.109 | 73  |                |
| o5bn10040_1      | E230M-2707 | 020×006 | 2274-3117 | 600  | 51676.183 | 100 | +0.00          |
| o5bn10040_2      | E230M-2707 | 020×006 | 2274-3117 | 600  | 51676.192 | 99  | −0.31          |
| <b>o5bn10040</b> |            |         |           | 1200 | 51676.183 | 100 | 2796.61 [0.16] |
| HD73350          |            |         |           |      |           |     |                |
| o6co06050_1      | E140M-1425 | 020×020 | 1140-1729 | 864  | 52390.105 | 0   |                |
| o6co06040_1      | E140M-1425 | 020×020 | 1140-1729 | 2899 | 52390.148 | 1   |                |
| o6co06060_1      | E230M-2707 | 020×020 | 2274-3117 | 1200 | 52390.087 | 100 |                |
| HD74721          |            |         |           |      |           |     |                |
| o8qy13010_1      | E230M-2707 | 020×020 | 2275-3118 | 2357 | 53118.984 | 100 |                |
| HD75309          |            |         |           |      |           |     |                |
| o5c05b010_1      | E140H-1271 | 020×020 | 1160-1356 | 720  | 51631.735 | 93  |                |
| HD76932          |            |         |           |      |           |     |                |
| o8p201010_1      | E230H-2013 | 020×009 | 1879-2150 | 1860 | 53054.263 | 92  |                |
| o8p201020_1      | E230H-2013 | 020×009 | 1879-2150 | 2877 | 53054.318 | 95  |                |
| o8p201030_1      | E230H-2013 | 020×009 | 1879-2150 | 2877 | 53054.384 | 94  |                |
| o8p201040_1      | E230H-2013 | 020×009 | 1879-2150 | 2877 | 53054.451 | 94  |                |
| o8p201050_1      | E230H-2013 | 020×009 | 1879-2150 | 2877 | 53054.518 | 94  |                |
| o8p202010_1      | E230H-2013 | 020×009 | 1879-2150 | 1860 | 53056.196 | 92  |                |
| o8p202020_1      | E230H-2013 | 020×009 | 1879-2150 | 2877 | 53056.251 | 95  |                |
| o8p202030_1      | E230H-2013 | 020×009 | 1879-2150 | 2877 | 53056.317 | 94  |                |
| o8p202040_1      | E230H-2013 | 020×009 | 1879-2150 | 2877 | 53056.384 | 94  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| HD79186          |            |         |           |      |           |     |                |
| o5c092010_1      | E140H-1271 | 020×020 | 1163-1356 | 360  | 51688.980 | 91  |                |
| HD79931          |            |         |           |      |           |     |                |
| o5c033010_1      | E140H-1271 | 020×020 | 1163-1356 | 360  | 51685.022 | 88  |                |
| HD82210          |            |         |           |      |           |     |                |
| o5bn31010_1      | E140M-1425 | 020×020 | 1140-1729 | 3100 | 51598.377 | 11  | +0.00          |
| o5bn31010_2      | E140M-1425 | 020×020 | 1140-1729 | 3100 | 51598.415 | 11  | +0.53          |
| o5bn31010_3      | E140M-1425 | 020×020 | 1140-1729 | 3100 | 51598.454 | 11  | +1.31          |
| <b>o5bn31010</b> |            |         |           | 9300 | 51598.377 | 29  | 1305.91 [0.17] |
| o5bn31030_1      | E230H-2663 | 020×009 | 2525-2804 | 750  | 51598.528 | 100 | +0.00          |
| o5bn31030_2      | E230H-2663 | 020×009 | 2525-2804 | 750  | 51598.538 | 100 | +0.02          |
| <b>o5bn31030</b> |            |         |           | 1500 | 51598.528 | 100 | 2697.18 [0.12] |
| o5bn31040_1      | E230H-2862 | 020×009 | 2722-2999 | 515  | 51598.551 | 100 |                |
| o5bn31020_1      | E230M-2124 | 020×006 | 1701-2509 | 1150 | 51598.495 | 67  | +0.00          |
| o5bn31020_2      | E230M-2124 | 020×006 | 1701-2509 | 1150 | 51598.510 | 69  | +1.56          |
| <b>o5bn31020</b> |            |         |           | 2300 | 51598.495 | 72  | 2350.68 [0.20] |
| HD84748          |            |         |           |      |           |     |                |
| o4zo01010_1      | E230M-2561 | 020×020 | 2131-2940 | 2343 | 51178.185 | 50  |                |
| o4zo01020_1      | E230M-2561 | 020×020 | 2131-2940 | 2899 | 51178.246 | 51  |                |
| o4zo01030_1      | E230M-2561 | 020×020 | 2131-2940 | 2899 | 51178.314 | 51  |                |
| o4zo01040_1      | E230M-2561 | 020×020 | 2131-2940 | 2899 | 51178.381 | 51  |                |
| HD84937          |            |         |           |      |           |     |                |
| o56d04010_1      | E230M-2707 | 020×020 | 2275-3118 | 600  | 51193.636 | 100 |                |
| o56d05010_1      | E230M-2707 | 020×020 | 2274-3117 | 600  | 51285.804 | 100 |                |
| HD85503          |            |         |           |      |           |     |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o8qy16010_1 | E230H-3012 | 020×020 | 2885-3158 | 2358 | 53083.656 | 99  |     |
| o8qy16020_1 | E230H-3012 | 020×020 | 2885-3158 | 2877 | 53083.716 | 99  |     |
| HD85905     |            |         |           |      |           |     |     |
| o6lt03010_1 | E140H-1380 | 020×020 | 1280-1475 | 900  | 52815.221 | 99  |     |
| o6lt03060_1 | E140H-1562 | 020×020 | 1463-1661 | 970  | 52815.303 | 99  |     |
| o6lt03040_1 | E230H-1763 | 020×020 | 1628-1901 | 840  | 52815.281 | 99  |     |
| o6lt03020_1 | E230H-2013 | 020×020 | 1879-2149 | 430  | 52815.236 | 100 |     |
| o6lt03050_1 | E230H-2263 | 020×020 | 2128-2396 | 340  | 52815.295 | 99  |     |
| o6lt03030_1 | E230H-2713 | 020×020 | 2576-2845 | 280  | 52815.245 | 99  |     |
| HD86360     |            |         |           |      |           |     |     |
| o5c093010_1 | E140H-1271 | 020×020 | 1163-1356 | 360  | 51687.035 | 78  |     |
| HD88115     |            |         |           |      |           |     |     |
| o54305010_1 | E140H-1271 | 010×003 | 1160-1356 | 1300 | 51286.783 | 93  |     |
| o54305020_1 | E140H-1271 | 010×003 | 1160-1356 | 1300 | 51286.800 | 93  |     |
| o54305030_1 | E140H-1271 | 010×003 | 1160-1356 | 1300 | 51286.818 | 93  |     |
| o6lz30010_1 | E140M-1425 | 020×020 | 1140-1729 | 600  | 52503.016 | 96  |     |
| o54305040_1 | E230H-1763 | 010×003 | 1629-1901 | 1300 | 51286.839 | 99  |     |
| o54305050_1 | E230H-1763 | 010×003 | 1629-1901 | 1300 | 51286.854 | 99  |     |
| o54305060_1 | E230H-1763 | 010×003 | 1629-1901 | 1300 | 51286.872 | 99  |     |
| HD88737     |            |         |           |      |           |     |     |
| o4ao05010_1 | E230M-2707 | 020×006 | 2275-3118 | 1440 | 51179.943 | 100 |     |
| HD89688     |            |         |           |      |           |     |     |
| o5jy02010_1 | E230H-2762 | 010×003 | 2620-2887 | 420  | 51675.851 | 99  |     |
| o5jy02020_1 | E230H-2762 | 010×003 | 2620-2887 | 420  | 51675.858 | 99  |     |
| o5jy02030_1 | E230H-2762 | 010×003 | 2620-2887 | 343  | 51675.863 | 99  |     |

Table 4—Continued

| (1)                     | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------------------|------------|---------|-----------|------|-----------|-----|-----|
| HD90087                 |            |         |           |      |           |     |     |
| o6lz32010_1             | E140H-1489 | 020×020 | 1390-1586 | 1200 | 52821.491 | 99  |     |
| HD91595 [VAR? 2 epochs] |            |         |           |      |           |     |     |
| o6g401010_1             | E230H-1763 | 020×009 | 1629-1901 | 1897 | 52397.907 | 17  |     |
| o6g401020_1             | E230H-1763 | 020×009 | 1628-1901 | 3135 | 52397.956 | 25  |     |
| o6g401030_1             | E230H-1763 | 020×009 | 1628-1901 | 3135 | 52398.023 | 21  |     |
| o6g401040_1             | E230H-1763 | 020×009 | 1628-1901 | 2100 | 52398.100 | 11  |     |
| o6g401050_1             | E230H-1763 | 020×009 | 1628-1901 | 3135 | 52398.156 | 18  |     |
| o6g402010_1             | E230H-1763 | 020×009 | 1628-1901 | 1897 | 52401.050 | 12  |     |
| o6g402020_1             | E230H-1763 | 020×009 | 1628-1901 | 3135 | 52401.092 | 20  |     |
| o6g402030_1             | E230H-1763 | 020×009 | 1628-1901 | 3135 | 52401.159 | 19  |     |
| HD91597                 |            |         |           |      |           |     |     |
| o6lz33010_1             | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52506.616 | 94  |     |
| HD91651                 |            |         |           |      |           |     |     |
| o6lz34010_1             | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52520.747 | 96  |     |
| HD91824                 |            |         |           |      |           |     |     |
| o5c095010_1             | E140H-1271 | 020×020 | 1160-1356 | 360  | 51626.826 | 94  |     |
| HD91983                 |            |         |           |      |           |     |     |
| o5c08n010_1             | E140H-1271 | 020×020 | 1163-1356 | 1440 | 51681.663 | 92  |     |
| HD92536                 |            |         |           |      |           |     |     |
| o5c035010_1             | E140H-1271 | 020×020 | 1160-1356 | 360  | 51465.121 | 91  |     |
| HD92554                 |            |         |           |      |           |     |     |

Table 4—Continued

| (1)            | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|----------------|------------|---------|-----------|------|-----------|-----|-----|
| o6lz36010_1    | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52525.196 | 93  |     |
| HD93205        |            |         |           |      |           |     |     |
| o4qx01010_1    | E140H-1234 | 020×009 | 1141-1335 | 1200 | 51288.038 | 90  |     |
| o4qx01020_1    | E140H-1416 | 020×009 | 1316-1517 | 780  | 51288.056 | 99  |     |
| o4qx01030_1    | E140H-1598 | 020×009 | 1494-1687 | 1380 | 51288.069 | 97  |     |
| o4qx01040_1    | E230H-1763 | 010×009 | 1629-1901 | 2220 | 51288.096 | 99  |     |
| o4qx01050_1    | E230H-2513 | 010×009 | 2377-2650 | 780  | 51288.126 | 99  |     |
| o4qx01060_1    | E230H-2762 | 010×009 | 2620-2887 | 720  | 51288.139 | 98  |     |
| HD93206        |            |         |           |      |           |     |     |
| o6lz37010_1    | E140H-1489 | 020×020 | 1390-1586 | 600  | 52508.614 | 99  |     |
| HD93222        |            |         |           |      |           |     |     |
| o4qx02010_1    | E140H-1234 | 020×009 | 1141-1335 | 1680 | 51175.059 | 90  |     |
| o4qx02020_1    | E140H-1416 | 020×009 | 1316-1517 | 1140 | 51175.082 | 99  |     |
| o4qx02030_1    | E140H-1598 | 020×009 | 1494-1687 | 2460 | 51175.099 | 99  |     |
| o4qx02040_1    | E230H-1763 | 010×009 | 1629-1902 | 4080 | 51175.140 | 99  |     |
| o4qx02050_1    | E230H-2513 | 010×009 | 2378-2650 | 1080 | 51175.192 | 99  |     |
| o4qx02060_1    | E230H-2762 | 010×009 | 2620-2888 | 1020 | 51175.209 | 99  |     |
| HD93237        |            |         |           |      |           |     |     |
| o6lj0g020_1    | E140H-1271 | 010×003 | 1160-1356 | 810  | 52723.387 | 95  |     |
| o6lj0g010_1    | E140H-1453 | 010×003 | 1359-1551 | 570  | 52723.376 | 99  |     |
| HD93308/POS-BP |            |         |           |      |           |     |     |
| o8ma93010_1    | E140M-1425 | 030×020 | 1140-1729 | 1800 | 53070.209 | 74  |     |
| o8ma93030_1    | E230H-2513 | 030×020 | 2377-2650 | 1600 | 53070.258 | 89  |     |
| o8ma93040_1    | E230H-2762 | 030×020 | 2620-2887 | 1600 | 53070.281 | 95  |     |
| o8ma93050_1    | E230H-3012 | 030×020 | 2885-3159 | 1600 | 53070.304 | 100 |     |
| o8ma93020_1    | E230M-1978 | 030×020 | 1607-2365 | 1600 | 53070.235 | 91  |     |



Table 4—Continued

| (1)             | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-----------------|------------|---------|-----------|------|-----------|-----|-----|
| HD93308/POS-CEN |            |         |           |      |           |     |     |
| o6ex01020_1     | E140M-1425 | 020×020 | 1140-1729 | 2500 | 52294.219 | 82  |     |
| o6ex01030_1     | E140M-1425 | 020×020 | 1140-1729 | 2200 | 52294.250 | 81  |     |
| o6mo01020_1     | E140M-1425 | 020×020 | 1140-1709 | 2500 | 52459.794 | 83  |     |
| o6mo01030_1     | E140M-1425 | 020×020 | 1140-1709 | 2200 | 52459.825 | 82  |     |
| o8ma81020_1     | E140M-1425 | 020×020 | 1140-1729 | 2500 | 52849.604 | 68  |     |
| o8ma81030_1     | E140M-1425 | 020×020 | 1140-1729 | 2200 | 52849.635 | 67  |     |
| o8gm11020_1     | E140M-1425 | 030×020 | 1140-1729 | 2599 | 52683.254 | 83  |     |
| o8gm31030_1     | E140M-1425 | 030×020 | 1140-1729 | 3100 | 52785.858 | 82  |     |
| o8gm51040_1     | E140M-1425 | 030×020 | 1140-1729 | 3520 | 52791.114 | 82  |     |
| o8gm61030_1     | E140M-1425 | 030×020 | 1140-1729 | 3000 | 52812.353 | 78  |     |
| o8ma71030_1     | E140M-1425 | 030×020 | 1140-1729 | 2900 | 52825.085 | 70  |     |
| o8ma91010_1     | E140M-1425 | 030×020 | 1140-1729 | 2900 | 52903.363 | 72  |     |
| o6en01050_1     | E230H-2513 | 020×009 | 2377-2650 | 4000 | 52183.371 | 93  |     |
| o8ma81060_1     | E230H-2513 | 030×020 | 2377-2650 | 3000 | 52849.756 | 88  |     |
| o8ma91030_1     | E230H-2513 | 030×020 | 2377-2650 | 2600 | 52903.441 | 87  |     |
| o6mo01050_1     | E230H-2563 | 020×020 | 2430-2696 | 2550 | 52459.907 | 96  |     |
| o8ma81070_1     | E230H-2762 | 030×020 | 2620-2887 | 3000 | 52849.796 | 94  |     |
| o8ma91040_1     | E230H-2762 | 030×020 | 2620-2887 | 2600 | 52903.477 | 94  |     |
| o6en01030_1     | E230H-2812 | 020×009 | 2665-2942 | 2340 | 52183.309 | 97  |     |
| o6en01040_1     | E230H-2812 | 020×009 | 2665-2942 | 2400 | 52183.338 | 97  |     |
| o6ex01050_1     | E230H-3012 | 020×009 | 2885-3159 | 2650 | 52294.332 | 100 |     |
| o8ma81080_1     | E230H-3012 | 030×020 | 2885-3158 | 3000 | 52849.836 | 100 |     |
| o8ma91050_1     | E230H-3012 | 030×020 | 2885-3158 | 2610 | 52903.512 | 100 |     |
| o6ex01060_1     | E230H-3012 | 020×009 | 2885-3159 | 2650 | 52294.365 | 100 |     |
| o6ex01040_1     | E230M-1978 | 020×020 | 1607-2365 | 4000 | 52294.280 | 96  |     |
| o6mo01040_1     | E230M-1978 | 030×020 | 1607-2365 | 4000 | 52459.855 | 97  |     |
| o8gm11030_1     | E230M-1978 | 030×020 | 1607-2365 | 2800 | 52683.289 | 97  |     |
| o8ma71020_1     | E230M-1978 | 030×020 | 1607-2365 | 1650 | 52825.033 | 89  |     |
| o8ma91020_1     | E230M-1978 | 030×020 | 1607-2365 | 2800 | 52903.403 | 90  |     |
| o8gm31020_1     | E230M-1978 | 030×020 | 1607-2365 | 1800 | 52785.810 | 96  |     |
| o8gm51020_1     | E230M-1978 | 030×020 | 1607-2365 | 2150 | 52791.046 | 95  |     |
| o8gm61020_1     | E230M-1978 | 030×020 | 1607-2365 | 2010 | 52812.290 | 94  |     |
| o8ma81040_1     | E230M-1978 | 030×020 | 1607-2365 | 4000 | 52849.666 | 90  |     |
| o8ma81050_1     | E230M-1978 | 030×020 | 1607-2365 | 3000 | 52849.715 | 89  |     |

Table 4—Continued

| (1)                 | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|---------------------|------------|---------|-----------|------|-----------|-----|----------------|
| HD93308/POS-D [VAR] |            |         |           |      |           |     |                |
| o5f103050_1         | E230H-2513 | 020×020 | 2385-2650 | 805  | 51826.095 | 90  |                |
| o6mo01060_1         | E230H-2563 | 020×020 | 2430-2696 | 2550 | 52459.939 | 97  |                |
| o8gm11040_1         | E230H-2563 | 020×020 | 2430-2706 | 3050 | 52683.328 | 97  |                |
| o8gm51030_1         | E230H-2563 | 020×020 | 2430-2706 | 2850 | 52791.076 | 96  |                |
| o8gm61040_1         | E230H-2563 | 020×020 | 2430-2706 | 3000 | 52812.419 | 96  |                |
| o8ma81090_1         | E230H-2563 | 030×020 | 2430-2706 | 3200 | 52849.876 | 93  |                |
| o5f103060_1         | E230H-2762 | 020×020 | 2620-2887 | 800  | 51826.082 | 96  |                |
| HD93308/POS-ECH1    |            |         |           |      |           |     |                |
| o5f101040_1         | E140M-1425 | 020×020 | 1140-1729 | 1000 | 51626.771 | 74  |                |
| HD93308/POS-ECH2    |            |         |           |      |           |     |                |
| o5f101030_1         | E140M-1425 | 020×020 | 1140-1729 | 1050 | 51626.784 | 73  |                |
| HD93497             |            |         |           |      |           |     |                |
| o6aq02010_1         | E140M-1425 | 020×020 | 1140-1729 | 2396 | 52177.468 | 26  |                |
| o6aq02020_1         | E140M-1425 | 020×020 | 1140-1729 | 3054 | 52177.524 | 37  | +0.00          |
| o6aq02020_2         | E140M-1425 | 020×020 | 1140-1729 | 3054 | 52177.591 | 38  | −0.06          |
| <b>o6aq02020</b>    |            |         |           | 6108 | 52177.524 | 57  | 1306.06 [0.31] |
| HD93840             |            |         |           |      |           |     |                |
| o63549010_1         | E140H-1489 | 020×020 | 1390-1586 | 720  | 52023.806 | 99  |                |
| HD93843             |            |         |           |      |           |     |                |
| o5lh04010_1         | E140H-1271 | 010×003 | 1163-1356 | 698  | 51678.759 | 93  |                |
| o5lh04020_1         | E140H-1271 | 010×003 | 1163-1356 | 698  | 51678.769 | 92  |                |
| o5lh04030_1         | E230H-1763 | 010×003 | 1628-1901 | 698  | 51678.782 | 99  |                |
| o5lh04040_1         | E230H-1763 | 010×003 | 1628-1901 | 698  | 51678.791 | 99  |                |
| HD94028 [1 bad exp] |            |         |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5cn02010_1      | E230H-2013 | 020×009 | 1879-2149 | 1884 | 51680.742 | 88  |                |
| o5cn02020_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51680.797 | 91  |                |
| o5cn02030_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51680.864 | 90  |                |
| o5cn02040_1      | E230H-2013 | 020×009 | 1879-2149 | 2074 | 51680.939 | 87  |                |
| o5cn02050_1      | E230H-2013 | 020×009 | 1879-2149 | 28   | 51680.998 | 0   |                |
| o5cn01010_1      | E230H-2013 | 020×009 | 1879-2149 | 1884 | 51685.635 | 88  |                |
| o5cn01020_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51685.690 | 91  |                |
| o5cn01030_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51685.757 | 91  |                |
| o5cn01040_1      | E230H-2013 | 020×009 | 1879-2149 | 2074 | 51685.832 | 88  |                |
| o5cn01050_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51685.891 | 90  |                |
| o5cn03010_1      | E230H-2013 | 020×009 | 1879-2149 | 1884 | 51690.662 | 88  |                |
| o5cn03020_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51690.717 | 90  |                |
| o5cn03030_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51690.784 | 90  |                |
| o5cn03040_1      | E230H-2013 | 020×009 | 1879-2149 | 2906 | 51690.851 | 90  |                |
| o56d06010_1      | E230M-2707 | 020×020 | 2275-3118 | 600  | 51165.240 | 99  |                |
| HD94144          |            |         |           |      |           |     |                |
| o5c01a010_1      | E140H-1271 | 020×020 | 1163-1356 | 360  | 51678.167 | 93  |                |
| HD94454          |            |         |           |      |           |     |                |
| o6lj0h010_1      | E140H-1271 | 010×003 | 1160-1356 | 1780 | 52625.151 | 92  |                |
| HD94493          |            |         |           |      |           |     |                |
| o54306010_1      | E140H-1271 | 010×003 | 1160-1356 | 1466 | 51290.040 | 94  |                |
| o54306020_1      | E230H-1763 | 010×003 | 1629-1901 | 1466 | 51290.062 | 99  |                |
| HD97320          |            |         |           |      |           |     |                |
| o8oe01010_1      | E230M-2707 | 020×006 | 2275-3118 | 2060 | 53122.146 | 99  | +0.00          |
| o8oe01010_2      | E230M-2707 | 020×006 | 2275-3118 | 2060 | 53122.172 | 99  | −0.63          |
| <b>o8oe01010</b> |            |         |           | 4120 | 53122.146 | 99  | 2577.33 [0.23] |
| o8oe01020_1      | E230M-2707 | 020×006 | 2275-3118 | 2449 | 53122.198 | 99  | +0.00          |

Table 4—Continued

| (1)                                      | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|--|------------|---------|-----------|------|-----------|-----|----------------|
| o8oe01020_2                              | E230M-2707 | 020×006 | 2275-3118 | 2449 | 53122.229 | 99  | +0.58          |
| <b>o8oe01020</b>                         |            |         |           | 4898 | 53122.198 | 99  | 2577.33 [0.23] |
| HD97334                                  |            |         |           |      |           |     |                |
| o6co08050_1                              | E140M-1425 | 020×020 | 1140-1709 | 864  | 52445.883 | 0   |                |
| o6co08040_1                              | E140M-1425 | 020×020 | 1140-1709 | 2977 | 52445.925 | 2   |                |
| o6co08060_1                              | E230M-2707 | 020×020 | 2274-3117 | 1200 | 52445.865 | 100 |                |
| HD99028                                  |            |         |           |      |           |     |                |
| o62u08010_1                              | E230H-2513 | 020×009 | 2378-2650 | 1824 | 51948.622 | 100 |                |
| HD99857                                  |            |         |           |      |           |     |                |
| o54301010_1                              | E140H-1271 | 010×003 | 1160-1356 | 1307 | 51229.955 | 92  |                |
| o54301020_1                              | E140H-1271 | 010×003 | 1160-1356 | 1307 | 51229.972 | 92  |                |
| o54301030_1                              | E140H-1271 | 010×003 | 1160-1356 | 1307 | 51229.990 | 92  |                |
| o6lz44010_1                              | E140H-1489 | 020×020 | 1390-1586 | 1200 | 52509.550 | 99  |                |
| o54301040_1                              | E230H-1763 | 010×003 | 1629-1901 | 1307 | 51230.011 | 99  |                |
| o54301050_1                              | E230H-1763 | 010×003 | 1629-1901 | 1307 | 51230.026 | 99  |                |
| o54301060_1                              | E230H-1763 | 010×003 | 1629-1901 | 1307 | 51230.044 | 99  |                |
| HD99872                                  |            |         |           |      |           |     |                |
| o6lj0i020_1                              | E140H-1271 | 010×003 | 1160-1356 | 1890 | 52400.939 | 93  |                |
| o6lj0i010_1                              | E140H-1453 | 010×003 | 1359-1551 | 1260 | 52400.920 | 99  |                |
| HD99890                                  |            |         |           |      |           |     |                |
| o6lz45010_1                              | E140M-1425 | 020×020 | 1140-1729 | 600  | 52797.841 | 96  |                |
| HZ-HER [highly VAR with large vel shfts] |            |         |           |      |           |     |                |
| o4v403010_1                              | E140M-1425 | 020×020 | 1140-1709 | 2227 | 51006.514 | 0   |                |
| o4v403020_1                              | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51006.572 | 36  |                |
| o4v403030_1                              | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51006.639 | 52  |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o4v403040_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51006.706 | 63  |     |
| o4v403050_1 | E140M-1425 | 020×020 | 1140-1709 | 2620 | 51006.773 | 69  |     |
| o4v404010_1 | E140M-1425 | 020×020 | 1140-1709 | 2227 | 51007.522 | 85  |     |
| o4v404020_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51007.580 | 85  |     |
| o4v404030_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51007.647 | 83  |     |
| o4v404040_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51007.714 | 72  |     |
| o4v404050_1 | E140M-1425 | 020×020 | 1140-1709 | 2620 | 51007.781 | 59  |     |
| o4v405010_1 | E140M-1425 | 020×020 | 1140-1709 | 2227 | 51371.124 | 86  |     |
| o4v405020_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51371.185 | 88  |     |
| o4v405030_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51371.253 | 87  |     |
| o4v405040_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51371.321 | 85  |     |
| o4v405050_1 | E140M-1425 | 020×020 | 1140-1709 | 2620 | 51371.388 | 82  |     |
| o4v406010_1 | E140M-1425 | 020×020 | 1140-1709 | 2227 | 51372.064 | 0   |     |
| o4v406020_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51372.125 | 7   |     |
| o4v406030_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51372.193 | 9   |     |
| o4v406040_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51372.260 | 14  |     |
| o4v406050_1 | E140M-1425 | 020×020 | 1140-1709 | 2620 | 51372.328 | 30  |     |
| o4v407010_1 | E140M-1425 | 020×020 | 1140-1709 | 2227 | 51373.004 | 85  |     |
| o4v407020_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51373.065 | 84  |     |
| o4v407030_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51373.133 | 78  |     |
| o4v407040_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51373.200 | 65  |     |
| o4v407050_1 | E140M-1425 | 020×020 | 1140-1709 | 2620 | 51373.268 | 40  |     |
| o4v408010_1 | E140M-1425 | 020×020 | 1140-1709 | 2227 | 51374.011 | 12  |     |
| o4v408020_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51374.072 | 41  |     |
| o4v408030_1 | E140M-1425 | 020×020 | 1140-1709 | 2636 | 51374.140 | 64  |     |
| o4v408040_1 | E140M-1425 | 020×020 | 1140-1709 | 2620 | 51374.207 | 76  |     |
| o4v452010_1 | E140M-1425 | 020×020 | 1140-1729 | 2227 | 51933.512 | 87  |     |
| o4v452020_1 | E140M-1425 | 020×020 | 1140-1729 | 2636 | 51933.579 | 90  |     |
| o4v452030_1 | E140M-1425 | 020×020 | 1140-1729 | 2636 | 51933.645 | 92  |     |
| o4v452040_1 | E140M-1425 | 020×020 | 1140-1729 | 2636 | 51933.712 | 92  |     |
| o4v452050_1 | E140M-1425 | 020×020 | 1140-1729 | 2620 | 51933.779 | 91  |     |
| IX-VEL      |            |         |           |      |           |     |     |
| o5bi01010_1 | E140M-1425 | 010×003 | 1140-1709 | 1618 | 51637.817 | 98  |     |
| o5bi02010_1 | E140M-1425 | 010×003 | 1140-1709 | 1750 | 51694.540 | 98  |     |
| o5bi03010_1 | E140M-1425 | 010×003 | 1140-1709 | 1750 | 51744.355 | 98  |     |

Table 4—Continued

| (1)                                   | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|---------------------------------------|------------|---------|-----------|------|-----------|-----|-----|
| KL-UMA                                |            |         |           |      |           |     |     |
| o64002010_1                           | E140M-1425 | 020×006 | 1140-1709 | 3600 | 52042.287 | 96  |     |
| o64002020_1                           | E140M-1425 | 020×006 | 1140-1709 | 3600 | 52042.333 | 96  |     |
| o64002030_1                           | E230M-1978 | 020×006 | 1607-2365 | 3500 | 52042.382 | 94  |     |
| o64002040_1                           | E230M-1978 | 020×006 | 1607-2365 | 3511 | 52042.426 | 94  |     |
| KV-UMA [6 epochs, but not highly VAR] |            |         |           |      |           |     |     |
| o67d01010_1                           | E140M-1425 | 020×020 | 1140-1709 | 2150 | 51642.520 | 95  |     |
| o67d01040_1                           | E140M-1425 | 020×020 | 1140-1729 | 1000 | 51642.641 | 92  |     |
| o67d010a0_1                           | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51642.708 | 96  |     |
| o67d010b0_1                           | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51642.775 | 95  |     |
| o67d02080_1                           | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51652.704 | 96  |     |
| o67d03030_1                           | E140M-1425 | 020×020 | 1140-1729 | 1620 | 51663.238 | 94  |     |
| o67d04030_1                           | E140M-1425 | 020×020 | 1140-1709 | 1800 | 51692.792 | 94  |     |
| o67d05030_1                           | E140M-1425 | 020×020 | 1140-1709 | 1750 | 51719.950 | 94  |     |
| o67d05070_1                           | E140M-1425 | 020×020 | 1140-1709 | 3000 | 51720.017 | 94  |     |
| o67d06030_1                           | E140M-1425 | 020×020 | 1140-1709 | 1700 | 51733.834 | 93  |     |
| o67d01020_1                           | E230M-1978 | 020×020 | 1607-2365 | 1300 | 51642.574 | 85  |     |
| o67d02010_1                           | E230M-1978 | 020×020 | 1607-2365 | 1000 | 51652.570 | 82  |     |
| o67d03010_1                           | E230M-1978 | 020×020 | 1607-2365 | 820  | 51663.171 | 82  |     |
| o67d04010_1                           | E230M-1978 | 020×020 | 1607-2365 | 1000 | 51692.735 | 81  |     |
| o67d05010_1                           | E230M-1978 | 020×020 | 1607-2365 | 1000 | 51719.893 | 79  |     |
| o67d06010_1                           | E230M-1978 | 020×020 | 1607-2365 | 950  | 51733.776 | 78  |     |
| o67d01030_1                           | E230M-2707 | 020×020 | 2274-3117 | 1200 | 51642.594 | 99  |     |
| o67d02020_1                           | E230M-2707 | 020×020 | 2274-3117 | 700  | 51652.586 | 99  |     |
| o67d03020_1                           | E230M-2707 | 020×020 | 2274-3117 | 700  | 51663.186 | 99  |     |
| o67d04020_1                           | E230M-2707 | 020×020 | 2274-3117 | 750  | 51692.752 | 99  |     |
| o67d05020_1                           | E230M-2707 | 020×020 | 2274-3117 | 700  | 51719.909 | 99  |     |
| o67d06020_1                           | E230M-2707 | 020×020 | 2274-3116 | 750  | 51733.819 | 99  |     |
| KY-UMA                                |            |         |           |      |           |     |     |
| o64003010_1                           | E140M-1425 | 020×006 | 1140-1729 | 2160 | 51994.219 | 97  |     |
| o64003020_1                           | E140M-1425 | 020×006 | 1140-1729 | 3100 | 51994.275 | 97  |     |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o64003030_1      | E230M-1978 | 020×006 | 1607-2365 | 3100  | 51994.342 | 96  |                |
| o64003040_1      | E230M-1978 | 020×006 | 1607-2365 | 3100  | 51994.409 | 96  |                |
| LW-HYA/POS-N     |            |         |           |       |           |     |                |
| o4gt02030_1      | E140M-1425 | 020×020 | 1140-1729 | 2740  | 51286.011 | 96  |                |
| o4gt02040_1      | E140M-1425 | 020×020 | 1140-1729 | 2740  | 51286.078 | 95  |                |
| LW-HYA/POS-S     |            |         |           |       |           |     |                |
| o4gt02010_1      | E140M-1425 | 020×020 | 1140-1729 | 2050  | 51285.885 | 95  |                |
| o4gt02020_1      | E140M-1425 | 020×020 | 1140-1729 | 2800  | 51285.942 | 95  |                |
| NOID1911-5957    |            |         |           |       |           |     |                |
| o4of03020_1      | E230M-2707 | 020×020 | 2274-3117 | 6554  | 51380.033 | 96  | +0.00          |
| o4of03020_2      | E230M-2707 | 020×020 | 2274-3117 | 6554  | 51380.111 | 96  | −2.25          |
| <b>o4of03020</b> |            |         |           | 13107 | 51380.033 | 98  | 2803.66 [0.52] |
| QR-AND           |            |         |           |       |           |     |                |
| o4z101020_1      | E140M-1425 | 020×020 | 1140-1729 | 2370  | 51115.397 | 91  |                |
| o4z102020_1      | E140M-1425 | 020×020 | 1140-1729 | 2370  | 51120.305 | 92  |                |
| o4z101010_1      | E230M-2124 | 020×020 | 1687-2509 | 1860  | 51115.341 | 99  |                |
| o4z102010_1      | E230M-2124 | 020×020 | 1687-2509 | 1860  | 51120.248 | 99  |                |
| RR-TEL           |            |         |           |       |           |     |                |
| o5eh01010_1      | E140M-1425 | 020×020 | 1140-1729 | 2408  | 51835.636 | 93  |                |
| o5eh01030_1      | E230M-1978 | 020×020 | 1607-2365 | 1000  | 51835.701 | 80  |                |
| o5eh01090_1      | E230M-2707 | 020×020 | 2275-3118 | 730   | 51835.764 | 99  |                |
| SN1999EM         |            |         |           |       |           |     |                |
| o5dv01030_1      | E140M-1425 | 020×020 | 1140-1729 | 2000  | 51489.596 | 0   |                |
| o5dv01050_1      | E140M-1425 | 020×020 | 1140-1729 | 2840  | 51489.720 | 0   |                |
| o5dv01060_1      | E140M-1425 | 020×020 | 1140-1729 | 2840  | 51489.787 | 0   |                |

Table 4—Continued

| (1)           | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|---------------|------------|---------|-----------|------|-----------|-----|-------|
| o5dv01070_1   | E140M-1425 | 020×020 | 1140-1729 | 2840 | 51489.854 | 0   |       |
| o5dv02060_1   | E140M-1425 | 020×020 | 1140-1729 | 2899 | 51494.754 | 0   |       |
| o5dv02070_1   | E140M-1425 | 020×020 | 1140-1729 | 2899 | 51494.822 | 0   |       |
| o5dv02030_1   | E230M-2269 | 020×020 | 1841-2672 | 2048 | 51494.563 | 0   |       |
| o5dv02040_1   | E230M-2269 | 020×020 | 1841-2672 | 2899 | 51494.620 | 0   |       |
| o5dv02050_1   | E230M-2269 | 020×020 | 1841-2672 | 2899 | 51494.687 | 0   |       |
| SN2001IG      |            |         |           |      |           |     |       |
| o6gl50020_1   | E140M-1425 | 020×020 | 1140-1729 | 1642 | 52257.031 | 0   |       |
| o6gl50030_1   | E140M-1425 | 020×020 | 1140-1729 | 2701 | 52257.096 | 0   |       |
| o6gl55020_1   | E140M-1425 | 020×020 | 1140-1729 | 1863 | 52265.663 | 0   |       |
| o6gl55030_1   | E140M-1425 | 020×020 | 1140-1729 | 3022 | 52265.709 | 0   |       |
| o6gl55040_1   | E140M-1425 | 020×020 | 1140-1729 | 3022 | 52265.776 | 0   |       |
| SN2003GD      |            |         |           |      |           |     |       |
| o8sd01020_1   | E140M-1425 | 020×020 | 1140-1729 | 1900 | 52808.464 | 0   |       |
| o8sd01030_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52808.520 | 0   |       |
| o8sd01040_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52808.587 | 0   |       |
| o8sd01050_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52808.653 | 0   |       |
| o8sd01060_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52808.720 | 0   |       |
| o8sd02020_1   | E140M-1425 | 020×020 | 1140-1729 | 1900 | 52810.398 | 0   |       |
| o8sd02030_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52810.454 | 0   |       |
| o8sd02040_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52810.520 | 0   |       |
| o8sd02050_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52810.587 | 0   |       |
| o8sd02060_1   | E140M-1425 | 020×020 | 1140-1729 | 2700 | 52810.654 | 0   |       |
| STAR0046-7324 |            |         |           |      |           |     |       |
| o4wr14010_1   | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51324.145 | 92  |       |
| o4wr14020_1   | E140M-1425 | 020×020 | 1140-1709 | 378  | 51324.202 | 81  |       |
| STAR0047-7306 |            |         |           |      |           |     |       |
| o8ew01010_1   | E140H-1234 | 020×009 | 1141-1335 | 3861 | 52925.873 | 43  |       |
| o8ew01020_1   | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52925.924 | 35  | +0.00 |



Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|------------------|------------|---------|-----------|------|-----------|-----|-------|
| o8ew01020_2      | E140H-1234 | 020×009 | 1141-1335 | 2199 | 52925.953 | 34  | +0.00 |
| o8ew01020_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52925.990 | 34  | +0.00 |
| <b>o8ew01020</b> |            |         |           | 6879 | 52925.924 | 46  | ...   |
| o8ew01030_1      | E140H-1234 | 020×009 | 1141-1335 | 1500 | 52926.028 | 23  |       |
| o8ew01040_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52926.057 | 33  | +0.00 |
| o8ew01040_2      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52926.086 | 31  | +0.00 |
| o8ew01040_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52926.123 | 31  | +0.00 |
| o8ew01040_4      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52926.153 | 29  | +0.00 |
| <b>o8ew01040</b> |            |         |           | 9040 | 52926.057 | 46  | ...   |
| o8ew02010_1      | E140H-1234 | 020×009 | 1141-1335 | 3861 | 52926.940 | 43  |       |
| o8ew02020_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52926.987 | 34  | +0.00 |
| o8ew02020_2      | E140H-1234 | 020×009 | 1141-1335 | 2199 | 52927.017 | 32  | +0.00 |
| o8ew02020_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52927.054 | 32  | +0.00 |
| <b>o8ew02020</b> |            |         |           | 6879 | 52926.987 | 45  | ...   |
| o8ew02030_1      | E140H-1234 | 020×009 | 1141-1335 | 1500 | 52927.092 | 23  |       |
| o8ew02040_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52927.120 | 32  | +0.00 |
| o8ew02040_2      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52927.150 | 31  | +0.00 |
| o8ew02040_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52927.178 | 31  | +0.00 |
| o8ew02040_4      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52927.208 | 30  | +0.00 |
| <b>o8ew02040</b> |            |         |           | 9040 | 52927.120 | 47  | ...   |
| o8ew03010_1      | E140H-1234 | 020×009 | 1141-1335 | 3861 | 52928.843 | 44  |       |
| o8ew03020_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52928.893 | 37  | +0.00 |
| o8ew03020_2      | E140H-1234 | 020×009 | 1141-1335 | 2199 | 52928.923 | 36  | +0.00 |
| o8ew03020_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52928.960 | 36  | +0.00 |
| <b>o8ew03020</b> |            |         |           | 6879 | 52928.893 | 47  | ...   |
| o8ew03030_1      | E140H-1234 | 020×009 | 1141-1335 | 1500 | 52928.998 | 26  |       |
| o8ew03040_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52929.027 | 35  | +0.00 |
| o8ew03040_2      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52929.057 | 33  | +0.00 |
| o8ew03040_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52929.093 | 34  | +0.00 |
| o8ew03040_4      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52929.123 | 32  | +0.00 |
| <b>o8ew03040</b> |            |         |           | 9040 | 52929.027 | 49  | ...   |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o6df06030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52200.017 | 80  | +0.00          |
| o6df06030_2      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52200.084 | 80  | −1.08          |
| <b>o6df06030</b> |            |         |           | 6472 | 52200.017 | 84  | 1304.57 [0.14] |
| o6df07030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52200.225 | 80  | +0.00          |
| o6df07030_2      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52200.284 | 80  | +0.73          |
| <b>o6df07030</b> |            |         |           | 6472 | 52200.225 | 83  | 1304.57 [0.14] |
| o8ew04010_1      | E230H-1913 | 020×009 | 1775-2053 | 3886 | 52923.938 | 58  |                |
| o8ew04020_1      | E230H-1913 | 020×009 | 1775-2053 | 2340 | 52923.995 | 39  | +0.00          |
| o8ew04020_2      | E230H-1913 | 020×009 | 1775-2053 | 2204 | 52924.024 | 34  | +0.00          |
| o8ew04020_3      | E230H-1913 | 020×009 | 1775-2053 | 2340 | 52924.061 | 37  | +0.00          |
| <b>o8ew04020</b> |            |         |           | 6884 | 52923.995 | 74  | ...            |
| o8ew04030_1      | E230H-1913 | 020×009 | 1775-2053 | 1572 | 52924.098 | 26  |                |
| o8ew04040_1      | E230H-1913 | 020×009 | 1775-2053 | 2340 | 52924.128 | 38  | +0.00          |
| o8ew04040_2      | E230H-1913 | 020×009 | 1775-2053 | 2185 | 52924.158 | 35  | +0.00          |
| o8ew04040_3      | E230H-1913 | 020×009 | 1775-2053 | 2340 | 52924.194 | 37  | +0.00          |
| o8ew04040_4      | E230H-1913 | 020×009 | 1775-2053 | 2185 | 52924.224 | 35  | +0.00          |
| <b>o8ew04040</b> |            |         |           | 9050 | 52924.128 | 80  | ...            |
| o8ew05010_1      | E230H-1913 | 020×009 | 1775-2053 | 3886 | 52928.045 | 64  |                |
| o8ew05020_1      | E230H-2163 | 020×009 | 2027-2296 | 2340 | 52928.095 | 95  | +0.00          |
| o8ew05020_2      | E230H-2163 | 020×009 | 2027-2296 | 2291 | 52928.124 | 95  | +0.00          |
| o8ew05020_3      | E230H-2163 | 020×009 | 2027-2296 | 2340 | 52928.159 | 95  | +0.00          |
| o8ew05020_4      | E230H-2163 | 020×009 | 2027-2296 | 2185 | 52928.189 | 94  | +0.00          |
| <b>o8ew05020</b> |            |         |           | 9156 | 52928.095 | 99  | ...            |
| o6df06020_1      | E230M-1978 | 020×020 | 1607-2365 | 2251 | 52199.969 | 81  |                |
| o6df07020_1      | E230M-1978 | 020×020 | 1607-2365 | 2251 | 52200.169 | 80  |                |
| STAR0047-7307    |            |         |           |      |           |     |                |
| o6df09030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52205.218 | 85  |                |
| o6df10030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52205.852 | 85  | +0.00          |
| o6df10030_2      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52205.893 | 85  | +2.51          |
| <b>o6df10030</b> |            |         |           | 6472 | 52205.852 | 88  | 1303.47 [0.36] |

Table 4—Continued

| (1)           | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|---------------|------------|---------|-----------|------|-----------|-----|-------|
| o6df09020_1   | E230M-1978 | 020×020 | 1607-2365 | 2251 | 52205.188 | 83  |       |
| o6df10020_1   | E230M-1978 | 020×020 | 1607-2365 | 2251 | 52205.822 | 85  |       |
| STAR0048-7325 |            |         |           |      |           |     |       |
| o4wr16010_1   | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51318.379 | 92  |       |
| o4wr16020_1   | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51318.431 | 93  |       |
| STAR0050-7242 |            |         |           |      |           |     |       |
| o4wr15010_1   | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51324.011 | 92  |       |
| o4wr15020_1   | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51324.068 | 92  |       |
| STAR0050-7247 |            |         |           |      |           |     |       |
| o4wr12010_1   | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51325.017 | 89  |       |
| o4wr12020_1   | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51325.074 | 90  |       |
| STAR0050-7252 |            |         |           |      |           |     |       |
| o4wr11010_1   | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51322.267 | 91  |       |
| o4wr11020_1   | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51322.323 | 91  |       |
| STAR0050-7253 |            |         |           |      |           |     |       |
| o4wr13010_1   | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51315.165 | 91  |       |
| o4wr13020_1   | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51315.210 | 92  |       |
| STAR0051-7244 |            |         |           |      |           |     |       |
| o4wr17010_1   | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51314.224 | 91  |       |
| o4wr17020_1   | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51314.271 | 91  |       |
| STAR0051-7248 |            |         |           |      |           |     |       |
| o6df02030_1   | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52308.765 | 92  | +0.00 |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o6df02030_2      | E140M-1425 | 020×020 | 1140-1729 | 3121 | 52308.831 | 92  | −0.14          |
| <b>o6df02030</b> |            |         |           | 6357 | 52308.765 | 93  | 1304.57 [0.12] |
| o6df02020_1      | E230M-1978 | 020×020 | 1607-2365 | 2251 | 52308.711 | 92  |                |
| STAR0055-7317    |            |         |           |      |           |     |                |
| o4wr19010_1      | E140M-1425 | 020×020 | 1140-1729 | 2448 | 51129.171 | 92  |                |
| o4wr19020_1      | E140M-1425 | 020×020 | 1140-1729 | 3168 | 51129.228 | 93  | +0.00          |
| o4wr19020_2      | E140M-1425 | 020×020 | 1140-1729 | 3168 | 51129.295 | 92  | −2.92          |
| <b>o4wr19020</b> |            |         |           | 6336 | 51129.228 | 94  | 1335.56 [0.16] |
| STAR0056-7227a   |            |         |           |      |           |     |                |
| o6df19010_1      | E140M-1425 | 020×020 | 1140-1729 | 2776 | 52206.825 | 82  |                |
| o6df19020_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52206.861 | 84  | +0.00          |
| o6df19020_2      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52206.928 | 83  | −2.00          |
| <b>o6df19020</b> |            |         |           | 6472 | 52206.861 | 88  | 1335.59 [0.15] |
| o6df18010_1      | E140M-1425 | 020×020 | 1140-1729 | 2776 | 52718.224 | 82  |                |
| o6df18020_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52718.285 | 84  | +0.00          |
| o6df18020_2      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52718.351 | 83  | −0.97          |
| <b>o6df18020</b> |            |         |           | 6472 | 52718.285 | 88  | 1335.57 [0.18] |
| o6df16020_1      | E230M-1978 | 020×020 | 1607-2365 | 2129 | 52198.033 | 69  |                |
| o6df16030_1      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52198.082 | 73  | +0.00          |
| o6df16030_2      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52198.149 | 73  | +0.00          |
| <b>o6df16030</b> |            |         |           | 6472 | 52198.082 | 80  | ...            |
| o6df17010_1      | E230M-1978 | 020×020 | 1607-2365 | 2746 | 52206.157 | 69  |                |
| o6df17020_1      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52206.193 | 70  |                |
| STAR0056-7227b   |            |         |           |      |           |     |                |
| o6df24020_1      | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52638.882 | 83  |                |
| o6df24030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52638.936 | 85  |                |
| o6df23020_1      | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52649.803 | 83  |                |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|------------------|------------|---------|-----------|------|-----------|-----|-------|
| o6df23030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52649.849 | 85  | +0.00 |
| o6df23030_2      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52649.915 | 85  | −0.39 |
| <b>o6df23030</b> |            |         |           | 6472 | 52649.849 | 88  | ...   |
| o6df22020_1      | E230M-1978 | 020×020 | 1607-2365 | 2220 | 52639.016 | 82  |       |
| o6df22030_1      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52639.069 | 85  | +0.00 |
| o6df22030_2      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52639.136 | 85  | +0.00 |
| <b>o6df22030</b> |            |         |           | 6472 | 52639.069 | 89  | ...   |
| STAR0056-7227c   |            |         |           |      |           |     |       |
| o6df12020_1      | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52205.992 | 81  |       |
| o6df12030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52206.020 | 85  | +0.00 |
| o6df12030_2      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52206.060 | 85  | +0.00 |
| <b>o6df12030</b> |            |         |           | 6472 | 52206.020 | 89  | ...   |
| o6df13020_1      | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52544.209 | 78  |       |
| o6df13030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52544.250 | 84  |       |
| o6df11020_1      | E230M-1978 | 020×020 | 1607-2365 | 2220 | 52532.295 | 71  |       |
| o6df11030_1      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52532.344 | 75  | +0.00 |
| o6df11030_2      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52532.411 | 74  | +0.00 |
| <b>o6df11030</b> |            |         |           | 6472 | 52532.344 | 81  | ...   |
| STAR0056-7228    |            |         |           |      |           |     |       |
| o6df20020_1      | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52207.021 | 84  |       |
| o6df20030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52207.062 | 86  |       |
| o6df21020_1      | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52547.808 | 84  |       |
| o6df21030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52547.861 | 86  |       |
| o6df20040_1      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52207.129 | 82  |       |
| o6df21040_1      | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52547.929 | 83  |       |
| STAR0058-7210a   |            |         |           |      |           |     |       |
| o4wr21010_1      | E140M-1425 | 020×020 | 1140-1729 | 2940 | 51478.133 | 80  | +0.00 |
| o4wr21010_2      | E140M-1425 | 020×020 | 1140-1729 | 2940 | 51478.169 | 80  | +0.00 |
| o4wr21010_3      | E140M-1425 | 020×020 | 1140-1729 | 2940 | 51478.206 | 80  | +0.00 |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o4wr21010_4      | E140M-1425 | 020×020 | 1140-1729 | 2940  | 51478.243 | 79  | +0.00          |
| o4wr21010_5      | E140M-1425 | 020×020 | 1140-1729 | 2940  | 51478.279 | 79  | +0.00          |
| <b>o4wr21010</b> |            |         |           | 14700 | 51478.133 | 89  | ...            |
| STAR0058-7210b   |            |         |           |       |           |     |                |
| o4wr02010_1      | E140M-1425 | 020×020 | 1140-1729 | 3300  | 51424.940 | 90  | +0.00          |
| o4wr02010_2      | E140M-1425 | 020×020 | 1140-1729 | 3300  | 51424.981 | 90  | +0.29          |
| o4wr02010_3      | E140M-1425 | 020×020 | 1140-1729 | 3300  | 51425.022 | 90  | −0.29          |
| <b>o4wr02010</b> |            |         |           | 9900  | 51424.940 | 93  | 1335.64 [0.10] |
| STAR0058-7210c   |            |         |           |       |           |     |                |
| o4wr01020_1      | E140M-1425 | 020×020 | 1140-1729 | 2700  | 51033.060 | 93  | +0.00          |
| o4wr01020_2      | E140M-1425 | 020×020 | 1140-1729 | 2700  | 51033.094 | 93  | −1.23          |
| <b>o4wr01020</b> |            |         |           | 5400  | 51033.060 | 94  | 1334.74 [0.14] |
| STAR0058-7216    |            |         |           |       |           |     |                |
| o6df04030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236  | 52204.152 | 86  |                |
| o6df05020_1      | E140M-1425 | 020×020 | 1140-1729 | 1001  | 52204.268 | 78  | +0.00          |
| o6df05020_2      | E140M-1425 | 020×020 | 1140-1729 | 1219  | 52204.285 | 79  | +0.00          |
| o6df05020_3      | E140M-1425 | 020×020 | 1140-1729 | 1993  | 52204.299 | 83  | +0.00          |
| <b>o6df05020</b> |            |         |           | 4213  | 52204.268 | 87  | ...            |
| o6df04020_1      | E230M-1978 | 020×020 | 1607-2365 | 2251  | 52204.120 | 86  |                |
| o6df05010_1      | E230M-1978 | 020×020 | 1607-2365 | 1380  | 52204.248 | 81  |                |
| STAR0058-7232    |            |         |           |       |           |     |                |
| o6df01030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236  | 52203.152 | 89  | +0.00          |
| o6df01030_2      | E140M-1425 | 020×020 | 1140-1729 | 3121  | 52203.218 | 89  | −1.32          |
| <b>o6df01030</b> |            |         |           | 6357  | 52203.152 | 91  | 1317.80 [0.10] |
| o6df01020_1      | E230M-1978 | 020×020 | 1607-2365 | 2251  | 52203.118 | 90  |                |
| STAR0058-7244    |            |         |           |       |           |     |                |

Table 4—Continued

| (1)   | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|---|------------|---------|-----------|------|-----------|-----|----------------|
| o6df15020_1                                       | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52204.919 | 86  |                |
| o6df15030_1                                       | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52204.951 | 88  |                |
| o6df14020_1                                       | E140M-1425 | 020×020 | 1140-1729 | 2259 | 52546.742 | 86  |                |
| o6df14030_1                                       | E140M-1425 | 020×020 | 1140-1729 | 3236 | 52546.794 | 88  |                |
| o6df15040_1                                       | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52205.019 | 81  |                |
| o6df14040_1                                       | E230M-1978 | 020×020 | 1607-2365 | 3236 | 52546.861 | 84  |                |
| STAR0059-7205                                     |            |         |           |      |           |     |                |
| o4wr20010_1                                       | E140M-1425 | 020×020 | 1140-1709 | 2448 | 51322.065 | 92  |                |
| o4wr20020_1                                       | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51322.121 | 93  | +0.00          |
| o4wr20020_2                                       | E140M-1425 | 020×020 | 1140-1709 | 3168 | 51322.188 | 93  | −0.20          |
| <b>o4wr20020</b>                                  |            |         |           | 6336 | 51322.121 | 94  | 1335.59 [0.15] |
| STAR0059-7210a                                    |            |         |           |      |           |     |                |
| o4wr01010_1                                       | E140M-1425 | 020×020 | 1140-1729 | 2700 | 51033.019 | 94  |                |
| STAR0059-7210b                                    |            |         |           |      |           |     |                |
| o4wr01030_1                                       | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51033.134 | 93  | +0.00          |
| o4wr01030_2                                       | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51033.171 | 93  | +0.22          |
| <b>o4wr01030</b>                                  |            |         |           | 6000 | 51033.134 | 94  | 1334.75 [0.13] |
| STAR0059-7210c                                    |            |         |           |      |           |     |                |
| o4wra2010_1                                       | E140M-1425 | 020×020 | 1140-1729 | 1800 | 51425.075 | 0   | +0.00          |
| o4wra2010_2                                       | E140M-1425 | 020×020 | 1140-1729 | 1800 | 51425.098 | 0   | +0.00          |
| <b>o4wra2010</b>                                  |            |         |           | 3600 | 51425.075 | 0   | ...            |
| STAR0059-7210d [1040 exps very weak; 3010_3 weak] |            |         |           |      |           |     |                |
| o4wr01040_1                                       | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51033.215 | 2   | +0.00          |
| o4wr01040_2                                       | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51033.252 | 2   | +0.00          |
| o4wr01040_3                                       | E140M-1425 | 020×020 | 1140-1729 | 3000 | 51033.290 | 2   | +0.00          |
| <b>o4wr01040</b>                                  |            |         |           | 9000 | 51033.215 | 17  | ...            |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o4wr23010_1      | E140M-1425 | 020×020 | 1140-1729 | 3120  | 51815.892 | 91  | +0.00          |
| o4wr23010_2      | E140M-1425 | 020×020 | 1140-1729 | 3120  | 51815.931 | 91  | +0.75          |
| o4wr23010_3      | E140M-1425 | 020×020 | 1140-1729 | 3120  | 51815.970 | 84  | +0.65          |
| <b>o4wr23010</b> |            |         |           | 9360  | 51815.892 | 93  | 1334.76 [0.12] |
| STAR0059-7210e   |            |         |           |       |           |     |                |
| o6lz03010_1      | E140M-1425 | 020×020 | 1140-1729 | 1200  | 52825.143 | 92  |                |
| STAR0059-7211a   |            |         |           |       |           |     |                |
| o4wr24010_1      | E140M-1425 | 020×020 | 1140-1729 | 3528  | 51870.761 | 87  | +0.00          |
| o4wr24010_2      | E140M-1425 | 020×020 | 1140-1729 | 3528  | 51870.808 | 87  | +1.85          |
| o4wr24010_3      | E140M-1425 | 020×020 | 1140-1729 | 3528  | 51870.875 | 87  | +0.37          |
| o4wr24010_4      | E140M-1425 | 020×020 | 1140-1729 | 3528  | 51870.942 | 86  | +2.50          |
| o4wr24010_5      | E140M-1425 | 020×020 | 1140-1729 | 3528  | 51871.009 | 86  | +0.90          |
| <b>o4wr24010</b> |            |         |           | 17640 | 51870.761 | 92  | 1335.60 [0.15] |
| STAR0059-7211b   |            |         |           |       |           |     |                |
| o4wra2020_1      | E140M-1425 | 020×020 | 1140-1729 | 3300  | 51425.131 | 0   | +0.00          |
| o4wra2020_2      | E140M-1425 | 020×020 | 1140-1729 | 3300  | 51425.172 | 0   | −1.00          |
| o4wra2020_3      | E140M-1425 | 020×020 | 1140-1729 | 3300  | 51425.213 | 0   | +0.21          |
| <b>o4wra2020</b> |            |         |           | 9900  | 51425.131 | 0   | 1260.92 [0.07] |
| STAR0103-7202    |            |         |           |       |           |     |                |
| o4wr30010_1      | E140M-1425 | 020×020 | 1140-1729 | 2448  | 51488.656 | 94  |                |
| o4wr30020_1      | E140M-1425 | 020×020 | 1140-1729 | 3168  | 51488.714 | 94  |                |
| STAR0104-7206    |            |         |           |       |           |     |                |
| o6df08030_1      | E140M-1425 | 020×020 | 1140-1729 | 3236  | 52205.106 | 91  |                |
| o6df08020_1      | E230M-1978 | 020×020 | 1607-2365 | 2251  | 52205.075 | 93  |                |
| STAR0107-7251    |            |         |           |       |           |     |                |



Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|------------------|------------|---------|-----------|------|-----------|-----|-------|
| o4wr18010_1      | E140M-1425 | 020×020 | 1140-1729 | 2448 | 51810.310 | 92  |       |
| o4wr18020_1      | E140M-1425 | 020×020 | 1140-1729 | 3168 | 51810.356 | 92  |       |
| STAR0110-7242    |            |         |           |      |           |     |       |
| o8ew07010_1      | E140H-1234 | 020×009 | 1141-1335 | 3861 | 52539.221 | 56  |       |
| o8ew07020_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52539.269 | 47  | +0.00 |
| o8ew07020_2      | E140H-1234 | 020×009 | 1141-1335 | 2199 | 52539.299 | 46  | +0.00 |
| <b>o8ew07020</b> |            |         |           | 4539 | 52539.269 | 53  | ...   |
| o8ew06010_1      | E140H-1234 | 020×009 | 1141-1335 | 3861 | 52539.927 | 57  |       |
| o8ew06020_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52539.974 | 48  | +0.00 |
| o8ew06020_2      | E140H-1234 | 020×009 | 1141-1335 | 2199 | 52540.004 | 46  | +0.00 |
| o8ew06020_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52540.032 | 47  | +0.00 |
| <b>o8ew06020</b> |            |         |           | 6879 | 52539.974 | 61  | ...   |
| o8ew06030_1      | E140H-1234 | 020×009 | 1141-1335 | 1500 | 52540.070 | 35  |       |
| o8ew06040_1      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52540.089 | 46  | +0.00 |
| o8ew06040_2      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52540.119 | 44  | +0.00 |
| o8ew06040_3      | E140H-1234 | 020×009 | 1141-1335 | 2340 | 52540.147 | 45  | +0.00 |
| o8ew06040_4      | E140H-1234 | 020×009 | 1141-1335 | 2180 | 52540.177 | 43  | +0.00 |
| <b>o8ew06040</b> |            |         |           | 9040 | 52540.089 | 63  | ...   |
| o8ew09010_1      | E230H-1913 | 020×009 | 1775-2053 | 3886 | 52875.935 | 36  |       |
| o8ew09020_1      | E230H-1913 | 020×009 | 1775-2053 | 2340 | 52876.010 | 19  | +0.00 |
| o8ew09020_2      | E230H-1913 | 020×009 | 1775-2053 | 2204 | 52876.040 | 17  | +0.00 |
| o8ew09020_3      | E230H-1913 | 020×009 | 1775-2053 | 2340 | 52876.069 | 18  | +0.00 |
| <b>o8ew09020</b> |            |         |           | 6884 | 52876.010 | 60  | ...   |
| o8ew09030_1      | E230H-1913 | 020×009 | 1775-2053 | 1572 | 52876.106 | 10  |       |
| o8ew09040_1      | E230H-1913 | 020×009 | 1775-2053 | 2340 | 52876.135 | 16  | +0.00 |
| o8ew09040_2      | E230H-1913 | 020×009 | 1775-2053 | 2185 | 52876.165 | 14  | +0.00 |
| <b>o8ew09040</b> |            |         |           | 4525 | 52876.135 | 35  | ...   |
| o8ew10010_1      | E230H-2163 | 020×009 | 2027-2296 | 3886 | 52873.981 | 67  |       |
| o8ew10020_1      | E230H-2163 | 020×009 | 2027-2296 | 2340 | 52874.032 | 42  | +0.00 |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o8ew10020_2      | E230H-2163 | 020×009 | 2027-2296 | 2204 | 52874.061 | 42  | +0.00          |
| o8ew10020_3      | E230H-2163 | 020×009 | 2027-2296 | 2340 | 52874.098 | 43  | +0.00          |
| <b>o8ew10020</b> |            |         |           | 6884 | 52874.032 | 89  | ...            |
| o8ew10030_1      | E230H-2163 | 020×009 | 2027-2296 | 1572 | 52874.135 | 27  |                |
| o8ew10040_1      | E230H-2163 | 020×009 | 2027-2296 | 2340 | 52874.165 | 41  | +0.00          |
| o8ew10040_2      | E230H-2163 | 020×009 | 2027-2296 | 2185 | 52874.195 | 41  | +0.00          |
| o8ew10040_3      | E230H-2163 | 020×009 | 2027-2296 | 2340 | 52874.231 | 41  | +0.00          |
| o8ew10040_4      | E230H-2163 | 020×009 | 2027-2296 | 2185 | 52874.261 | 40  | +0.00          |
| <b>o8ew10040</b> |            |         |           | 9050 | 52874.165 | 93  | ...            |
| STAR0114-7320    |            |         |           |      |           |     |                |
| o5dw01010_1      | E140H-1271 | 020×009 | 1160-1356 | 2305 | 51819.054 | 87  |                |
| o5dw01020_1      | E140H-1271 | 020×009 | 1160-1356 | 3235 | 51819.094 | 88  | +0.00          |
| o5dw01020_2      | E140H-1271 | 020×009 | 1160-1356 | 3235 | 51819.161 | 88  | −0.03          |
| o5dw01020_3      | E140H-1271 | 020×009 | 1160-1356 | 3235 | 51819.228 | 88  | +0.01          |
| <b>o5dw01020</b> |            |         |           | 9705 | 51819.094 | 90  | 1334.80 [0.07] |
| o5dw02010_1      | E140H-1271 | 020×009 | 1160-1356 | 2305 | 51820.860 | 87  |                |
| o5dw02020_1      | E140H-1271 | 020×009 | 1160-1356 | 3235 | 51820.909 | 88  | +0.00          |
| o5dw02020_2      | E140H-1271 | 020×009 | 1160-1356 | 3235 | 51820.976 | 88  | +0.20          |
| o5dw02020_3      | E140H-1271 | 020×009 | 1160-1356 | 3235 | 51821.044 | 88  | +0.02          |
| <b>o5dw02020</b> |            |         |           | 9705 | 51820.909 | 90  | 1334.80 [0.07] |
| o5dw05010_1      | E230H-1913 | 020×020 | 1783-2053 | 2720 | 51660.071 | 99  |                |
| o5dw05020_1      | E230H-1913 | 020×020 | 1779-2053 | 3235 | 51660.131 | 99  | +0.00          |
| o5dw05020_2      | E230H-1913 | 020×020 | 1779-2053 | 3235 | 51660.198 | 99  | +0.00          |
| o5dw05020_3      | E230H-1913 | 020×020 | 1779-2053 | 3235 | 51660.265 | 99  | +0.00          |
| <b>o5dw05020</b> |            |         |           | 9705 | 51660.131 | 99  | ...            |
| o5dw03010_1      | E230H-2163 | 020×020 | 2022-2296 | 2720 | 51823.731 | 100 |                |
| o5dw03020_1      | E230H-2163 | 020×020 | 2022-2296 | 1605 | 51823.790 | 100 | +0.00          |
| o5dw03020_2      | E230H-2163 | 020×020 | 2022-2296 | 1607 | 51823.809 | 100 | +0.00          |
| o5dw03020_3      | E230H-2163 | 020×020 | 2022-2296 | 1605 | 51823.857 | 100 | +0.00          |
| o5dw03020_4      | E230H-2163 | 020×020 | 2022-2296 | 1605 | 51823.876 | 100 | +0.00          |
| o5dw03020_5      | E230H-2163 | 020×020 | 2022-2296 | 1605 | 51823.924 | 100 | +0.00          |

Table 4—Continued

| (1)   | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|---|------------|---------|-----------|------|-----------|-----|----------------|
| o5dw03020_6   | E230H-2163 | 020×020 | 2022-2296 | 1605 | 51823.942 | 100 | +0.00          |
| <b>o5dw03020</b>                                    |            |         |           | 9632 | 51823.790 | 100 | ...            |
| o5dw04010_1   | E230H-2713 | 020×020 | 2576-2845 | 2720 | 51824.734 | 97  |                |
| o5dw04020_1   | E230H-2713 | 020×020 | 2576-2845 | 1605 | 51824.794 | 97  | +0.00          |
| o5dw04020_2   | E230H-2713 | 020×020 | 2576-2845 | 1607 | 51824.813 | 97  | +0.26          |
| o5dw04020_3   | E230H-2713 | 020×020 | 2576-2845 | 1605 | 51824.861 | 97  | −0.39          |
| o5dw04020_4   | E230H-2713 | 020×020 | 2576-2845 | 1605 | 51824.880 | 97  | −0.57          |
| o5dw04020_5   | E230H-2713 | 020×020 | 2576-2845 | 1605 | 51824.928 | 97  | +0.24          |
| o5dw04020_6   | E230H-2713 | 020×020 | 2576-2845 | 1605 | 51824.947 | 97  | −0.45          |
| <b>o5dw04020</b>                                    |            |         |           | 9632 | 51824.794 | 97  | 2804.10 [0.12] |
| STAR0117-7326                                       |            |         |           |      |           |     |                |
| o67t05010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51830.819 | 91  |                |
| o67t05020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51830.886 | 91  |                |
| o67t06010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51831.563 | 92  |                |
| o67t06020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51831.623 | 92  |                |
| o67t07010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51832.694 | 91  |                |
| o67t07020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51832.761 | 92  |                |
| o67t08010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51833.637 | 92  |                |
| o67t08020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51833.698 | 92  |                |
| o67t01010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51855.127 | 91  |                |
| o67t01020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51855.185 | 92  |                |
| o67t02010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51856.398 | 91  |                |
| o67t02020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51856.456 | 91  |                |
| o67t03010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51857.068 | 91  |                |
| o67t03020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51857.125 | 92  |                |
| o67t04010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 51858.072 | 91  |                |
| o67t04020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 51858.128 | 91  |                |
| o67t53010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 52024.610 | 91  |                |
| o67t53020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 52024.669 | 91  |                |
| o67t54010_1   | E140M-1425 | 020×020 | 1140-1729 | 2467 | 52025.613 | 90  |                |
| o67t54020_1   | E140M-1425 | 020×020 | 1140-1729 | 2650 | 52025.672 | 91  |                |
| STAR0129-1600 [several sequences of anomalous exps] |            |         |           |      |           |     |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o6m101010.1 | E230M-2707 | 020×006 | 2275-3118 | 1878 | 52530.237 | 1   |     |
| o6m101020.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52530.292 | 3   |     |
| o6m101030.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52530.359 | 3   |     |
| o6m101040.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52530.426 | 4   |     |
| o6m101050.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52530.493 | 4   |     |
| o6m102010.1 | E230M-2707 | 020×006 | 2275-3118 | 1878 | 52531.302 | 49  |     |
| o6m102020.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52531.361 | 56  |     |
| o6m102030.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52531.427 | 55  |     |
| o6m102040.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52531.494 | 55  |     |
| o6m102050.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52531.561 | 55  |     |
| o6m103010.1 | E230M-2707 | 020×006 | 2275-3118 | 1878 | 52533.104 | 54  |     |
| o6m103020.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52533.163 | 59  |     |
| o6m103030.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52533.230 | 59  |     |
| o6m103040.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52533.297 | 58  |     |
| o6m103050.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52533.363 | 58  |     |
| o6m104010.1 | E230M-2707 | 020×006 | 2275-3118 | 1878 | 52534.039 | 2   |     |
| o6m104020.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52534.098 | 4   |     |
| o6m104030.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52534.165 | 4   |     |
| o6m104040.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52534.231 | 5   |     |
| o6m104050.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52534.298 | 5   |     |
| o6m105010.1 | E230M-2707 | 020×006 | 2275-3118 | 1878 | 52544.795 | 51  |     |
| o6m105020.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52544.849 | 57  |     |
| o6m105030.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52544.916 | 55  |     |
| o6m105040.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52544.983 | 53  |     |
| o6m105050.1 | E230M-2707 | 020×006 | 2275-3118 | 2897 | 52545.049 | 51  |     |
| o6m154010.1 | E230M-2707 | 020×006 | 2275-3118 | 1970 | 52819.135 | 57  |     |
| o6m154020.1 | E230M-2707 | 020×006 | 2275-3118 | 2877 | 52819.190 | 5   |     |
| o6m154030.1 | E230M-2707 | 020×006 | 2275-3118 | 2877 | 52819.257 | 50  |     |
| o6m154040.1 | E230M-2707 | 020×006 | 2275-3118 | 2090 | 52819.333 | 56  |     |
| o6m154050.1 | E230M-2707 | 020×006 | 2275-3118 | 2877 | 52819.391 | 19  |     |
| o6m151010.1 | E230M-2707 | 020×006 | 2275-3118 | 1970 | 52822.003 | 54  |     |
| o6m151020.1 | E230M-2707 | 020×006 | 2275-3118 | 2877 | 52822.059 | 63  |     |
| o6m151030.1 | E230M-2707 | 020×006 | 2275-3118 | 2877 | 52822.126 | 61  |     |
| o6m151040.1 | E230M-2707 | 020×006 | 2275-3118 | 2090 | 52822.201 | 55  |     |
| o6m151050.1 | E230M-2707 | 020×006 | 2275-3118 | 2877 | 52822.259 | 60  |     |
| o6m110010.1 | E230M-2707 | 020×006 | 2275-3118 | 1970 | 52822.337 | 53  |     |
| o6m110020.1 | E230M-2707 | 020×006 | 2275-3118 | 2877 | 52822.393 | 60  |     |

Table 4—Continued

| (1)                          | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)   |
|------------------------------|------------|---------|-----------|-------|-----------|-----|-------|
| o6m110030_1                  | E230M-2707 | 020×006 | 2275-3118 | 2877  | 52822.459 | 48  |       |
| o6m106010_1                  | E230M-2707 | 020×006 | 2275-3118 | 1970  | 52823.004 | 56  |       |
| o6m106040_1                  | E230M-2707 | 020×006 | 2275-3118 | 2090  | 52823.202 | 55  |       |
| o6m106050_1                  | E230M-2707 | 020×006 | 2275-3118 | 2877  | 52823.260 | 60  |       |
| o6m106020_1                  | E230M-2707 | 020×006 | 2275-3118 | 2877  | 52823.060 | 0   |       |
| STAR0141-7350                |            |         |           |       |           |     |       |
| o6df03030_1                  | E140M-1425 | 020×020 | 1140-1729 | 3236  | 52203.016 | 91  |       |
| o6df03020_1                  | E230M-1978 | 020×020 | 1607-2365 | 2251  | 52202.984 | 94  |       |
| STAR0143-2405                |            |         |           |       |           |     |       |
| o64005010_1                  | E140M-1425 | 020×006 | 1140-1729 | 878   | 52287.434 | 97  |       |
| o64005020_1                  | E230M-1978 | 020×006 | 1607-2365 | 800   | 52287.449 | 98  |       |
| STAR0333-2552                |            |         |           |       |           |     |       |
| o64d01010_1                  | E140M-1425 | 020×020 | 1140-1729 | 2366  | 52154.857 | 98  |       |
| STAR0419-7352                |            |         |           |       |           |     |       |
| o4a802010_1                  | E140M-1425 | 020×006 | 1140-1709 | 2273  | 51316.165 | 71  |       |
| o4a802020_1                  | E140M-1425 | 020×006 | 1140-1709 | 3236  | 51316.219 | 79  | +0.00 |
| o4a802020_2                  | E140M-1425 | 020×006 | 1140-1709 | 3236  | 51316.286 | 78  | +0.00 |
| o4a802020_3                  | E140M-1425 | 020×006 | 1140-1709 | 3236  | 51316.354 | 78  | +0.00 |
| o4a802020_4                  | E140M-1425 | 020×006 | 1140-1709 | 3236  | 51316.421 | 77  | +0.00 |
| <b>o4a802020</b>             |            |         |           | 12944 | 51316.219 | 91  | ...   |
| STAR0456-6624                |            |         |           |       |           |     |       |
| o5ez01010_1                  | E140M-1425 | 020×006 | 1140-1729 | 2291  | 51648.555 | 83  |       |
| o5ez01020_1                  | E140M-1425 | 020×006 | 1140-1729 | 3152  | 51648.609 | 85  |       |
| o5ez01030_1                  | E140M-1425 | 020×006 | 1140-1729 | 3152  | 51648.676 | 85  |       |
| STAR0525-7014 [VAR 2 epochs] |            |         |           |       |           |     |       |

Table 4—Continued

| (1)           | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|---------------|------------|---------|-----------|------|-----------|-----|-----|
| o67o01010_1   | E140M-1425 | 020×006 | 1140-1729 | 1945 | 51775.764 | 54  |     |
| o67o01020_1   | E140M-1425 | 020×006 | 1140-1729 | 2946 | 51775.819 | 61  |     |
| o67o01030_1   | E140M-1425 | 020×006 | 1140-1729 | 2946 | 51775.886 | 61  |     |
| o67o01040_1   | E140M-1425 | 020×006 | 1140-1729 | 2946 | 51775.953 | 61  |     |
| o67o01050_1   | E140M-1425 | 020×006 | 1140-1729 | 2946 | 51776.020 | 61  |     |
| o67o03010_1   | E140M-1425 | 020×006 | 1140-1729 | 2313 | 51868.824 | 16  |     |
| o67o03020_1   | E140M-1425 | 020×006 | 1140-1729 | 3236 | 51868.877 | 20  |     |
| o67o03030_1   | E140M-1425 | 020×006 | 1140-1729 | 3236 | 51868.943 | 20  |     |
| o67o03040_1   | E140M-1425 | 020×006 | 1140-1729 | 3236 | 51869.010 | 20  |     |
| o67o02030_1   | E230M-1978 | 020×006 | 1607-2365 | 2946 | 51776.824 | 53  |     |
| o67o02040_1   | E230M-1978 | 020×006 | 1607-2365 | 2946 | 51776.890 | 50  |     |
| o67o04010_1   | E230M-1978 | 020×006 | 1607-2365 | 2283 | 51869.827 | 9   |     |
| o67o04020_1   | E230M-1978 | 020×006 | 1607-2365 | 3236 | 51869.881 | 10  |     |
| o67o04030_1   | E230M-1978 | 020×006 | 1607-2365 | 1800 | 51869.948 | 7   |     |
| o67o04040_1   | E230M-1978 | 020×006 | 1607-2365 | 1200 | 51869.969 | 6   |     |
| o67o02010_1   | E230M-2707 | 020×006 | 2275-3119 | 1915 | 51776.702 | 96  |     |
| o67o02020_1   | E230M-2707 | 020×006 | 2275-3119 | 2946 | 51776.757 | 98  |     |
| o67o04050_1   | E230M-2707 | 020×006 | 2275-3118 | 3236 | 51870.015 | 35  |     |
| o67o04060_1   | E230M-2707 | 020×006 | 2275-3118 | 3121 | 51870.082 | 32  |     |
| STAR0532-6622 |            |         |           |      |           |     |     |
| o49wa3010_1   | E140M-1425 | 020×020 | 1140-1729 | 3660 | 50734.156 | 95  |     |
| o49wa4010_1   | E140M-1425 | 020×020 | 1140-1729 | 3660 | 50734.359 | 95  |     |
| o49wa5010_1   | E140M-1425 | 020×020 | 1140-1729 | 3660 | 50736.090 | 94  |     |
| o49wa2010_1   | E140M-1425 | 020×020 | 1140-1729 | 3328 | 50738.025 | 95  |     |
| o49wa1010_1   | E140M-1425 | 020×020 | 1140-1729 | 3660 | 50739.152 | 95  |     |
| STAR0535-0523 |            |         |           |      |           |     |     |
| o59851010_1   | E230H-1913 | 600×020 | 1775-2053 | 300  | 51817.842 | 1   |     |
| o59851020_1   | E230H-1913 | 600×020 | 1775-2053 | 600  | 51817.848 | 2   |     |
| o59851030_1   | E230H-1913 | 600×020 | 1775-2053 | 650  | 51817.855 | 2   |     |
| o59851040_1   | E230H-1913 | 600×020 | 1775-2053 | 900  | 51817.896 | 2   |     |
| o59851050_1   | E230H-1913 | 600×020 | 1775-2053 | 900  | 51817.909 | 2   |     |
| o59851060_1   | E230H-1913 | 600×020 | 1775-2053 | 800  | 51817.920 | 2   |     |
| o59851070_1   | E230H-1913 | 600×020 | 1775-2053 | 850  | 51817.963 | 2   |     |

Table 4—Continued

| (1)                               | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)   |
|-----------------------------------|------------|---------|-----------|------|-----------|-----|-------|
| o59851080_1                       | E230H-1913 | 600×020 | 1775-2053 | 850  | 51817.976 | 2   |       |
| o59851090_1                       | E230H-1913 | 600×020 | 1775-2053 | 850  | 51817.986 | 2   |       |
| STAR0547-6423                     |            |         |           |      |           |     |       |
| o5c07h010_1                       | E140H-1271 | 020×020 | 1160-1356 | 1440 | 51571.937 | 98  |       |
| STAR0754+6542                     |            |         |           |      |           |     |       |
| o8qy12010_1                       | E230M-2707 | 020×020 | 2275-3118 | 2641 | 53155.087 | 100 |       |
| STAR0802-0358                     |            |         |           |      |           |     |       |
| o5c03c010_1                       | E140H-1271 | 020×020 | 1160-1356 | 720  | 51577.180 | 96  |       |
| STAR0810+7457/POS-CEN [1 bad exp] |            |         |           |      |           |     |       |
| o4dd05070_1                       | E140H-1234 | 020×020 | 1141-1335 | 1000 | 50820.605 | 98  |       |
| o4lu01070_1                       | E140H-1271 | 020×020 | 1160-1356 | 1065 | 50900.040 | 99  |       |
| o3zx10040_1                       | E140H-1416 | 020×020 | 1316-1517 | 660  | 50706.921 | 99  |       |
| o4dd05080_1                       | E140H-1598 | 020×020 | 1494-1687 | 43   | 50820.620 | 99  | +0.00 |
| o4dd05080_2                       | E140H-1598 | 020×020 | 1494-1687 | 1148 | 50820.651 | 99  | +0.00 |
| <b>o4dd05080</b>                  |            |         |           | 1191 | 50820.620 | 99  | ...   |
| o4dd05030_1                       | E230H-1763 | 020×020 | 1629-1901 | 2799 | 50820.452 | 99  |       |
| o4dd17030_1                       | E230H-1763 | 020×020 | 1628-1901 | 2198 | 51217.556 | 99  |       |
| o4dd17040_1                       | E230H-1763 | 020×020 | 1628-1901 | 600  | 51217.584 | 99  |       |
| o4dd05020_1                       | E230H-2013 | 020×020 | 1879-2150 | 2040 | 50820.401 | 100 |       |
| o4dd17020_1                       | E230H-2013 | 020×020 | 1879-2149 | 2040 | 51217.496 | 100 |       |
| o4dd05040_1                       | E230H-2263 | 020×020 | 2128-2396 | 1200 | 50820.519 | 99  |       |
| o4dd17050_1                       | E230H-2263 | 020×020 | 2128-2396 | 1200 | 51217.625 | 99  |       |
| o3zx10030_1                       | E230H-2513 | 020×020 | 2378-2650 | 603  | 50706.935 | 99  |       |
| o4dd17060_1                       | E230H-2513 | 020×020 | 2377-2650 | 1200 | 51217.643 | 99  |       |
| o4dd05050_1                       | E230H-2762 | 020×020 | 2620-2887 | 1434 | 50820.537 | 99  |       |
| o4dd18020_1                       | E230H-2762 | 020×020 | 2620-2887 | 1100 | 51162.735 | 99  |       |
| o4lu01060_1                       | E230H-2812 | 020×020 | 2699-2938 | 1000 | 50900.024 | 0   |       |
| o4lu02020_1                       | E230H-2812 | 020×020 | 2665-2942 | 1000 | 50954.808 | 99  |       |

Table 4—Continued

| (1)                               | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-----------------------------------|------------|---------|-----------|------|-----------|-----|-----|
| o4dd05060_1                       | E230H-3012 | 020×020 | 2885-3158 | 1200 | 50820.586 | 100 |     |
| o4dd18030_1                       | E230H-3012 | 020×020 | 2885-3159 | 1033 | 51162.752 | 100 |     |
| STAR0810+7457/SCAN [spatial scan] |            |         |           |      |           |     |     |
| o4de01020_1                       | E230M-2707 | 010×003 | 2275-3118 | 663  | 50767.503 | 97  |     |
| o4de01030_1                       | E230M-2707 | 010×003 | 2275-3118 | 530  | 50767.512 | 99  |     |
| o4de01040_1                       | E230M-2707 | 010×003 | 2275-3118 | 430  | 50767.546 | 100 |     |
| o4de01050_1                       | E230M-2707 | 010×003 | 2275-3118 | 290  | 50767.553 | 100 |     |
| o4de01060_1                       | E230M-2707 | 010×003 | 2275-3118 | 430  | 50767.558 | 100 |     |
| o4de01070_1                       | E230M-2707 | 010×003 | 2275-3118 | 542  | 50767.567 | 99  |     |
| o4de01080_1                       | E230M-2707 | 010×003 | 2275-3118 | 660  | 50767.575 | 98  |     |
| STAR0837+6724                     |            |         |           |      |           |     |     |
| o4w270010_1                       | E230M-2124 | 020×020 | 1701-2509 | 3360 | 51155.466 | 98  |     |
| o4w270020_1                       | E230M-2124 | 020×020 | 1701-2509 | 3360 | 51155.507 | 98  |     |
| o4w270030_1                       | E230M-2124 | 020×020 | 1701-2509 | 3300 | 51155.549 | 98  |     |
| o4w270040_1                       | E230M-2124 | 020×020 | 1701-2509 | 3360 | 51155.590 | 97  |     |
| STAR0843+3944                     |            |         |           |      |           |     |     |
| o52o03010_1                       | E140M-1425 | 020×020 | 1140-1729 | 2494 | 51107.496 | 96  |     |
| STAR0952-4616                     |            |         |           |      |           |     |     |
| o64d02010_1                       | E140M-1425 | 020×020 | 1140-1729 | 2469 | 52016.960 | 97  |     |
| o64d02020_1                       | E140M-1425 | 020×020 | 1140-1729 | 3054 | 52017.008 | 97  |     |
| STAR1049+3800                     |            |         |           |      |           |     |     |
| o6lz41010_1                       | E140M-1425 | 020×020 | 1140-1729 | 1200 | 52604.557 | 95  |     |
| STAR1237+2504                     |            |         |           |      |           |     |     |
| o5c06t010_1                       | E140H-1271 | 020×020 | 1163-1356 | 720  | 51683.087 | 99  |     |
| o64004010_1                       | E140M-1425 | 020×006 | 1140-1729 | 875  | 52023.721 | 98  |     |



Table 4—Continued

| (1)                                 | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|-------------------------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o64004020_1                         | E230M-1978 | 020×006 | 1607-2365 | 824   | 52023.735 | 99  |                |
| STAR1300-7012                       |            |         |           |       |           |     |                |
| o63566010_1                         | E140M-1425 | 020×020 | 1140-1729 | 1440  | 51959.883 | 95  |                |
| STAR1326-4727                       |            |         |           |       |           |     |                |
| o5ds21010_1                         | E230M-1978 | 020×020 | 1607-2365 | 2350  | 51915.167 | 84  |                |
| o5ds21020_1                         | E230M-1978 | 020×020 | 1607-2365 | 2770  | 51915.227 | 85  |                |
| STAR1340-0002 [VAR? several epochs] |            |         |           |       |           |     |                |
| o6ed01010_1                         | E230M-2415 | 020×006 | 2004-2818 | 1980  | 52465.440 | 98  |                |
| o6ed01020_1                         | E230M-2415 | 020×006 | 2004-2818 | 2880  | 52465.496 | 98  | +0.00          |
| o6ed01020_2                         | E230M-2415 | 020×006 | 2004-2818 | 2880  | 52465.562 | 98  | +0.58          |
| o6ed01020_3                         | E230M-2415 | 020×006 | 2004-2818 | 2880  | 52465.629 | 98  | +0.45          |
| o6ed01020_4                         | E230M-2415 | 020×006 | 2004-2818 | 2880  | 52465.696 | 98  | +1.01          |
| <b>o6ed01020</b>                    |            |         |           | 11520 | 52465.496 | 99  | 2600.01 [0.20] |
| o6ed04010_1                         | E230M-2415 | 020×006 | 1985-2819 | 1980  | 52779.018 | 96  |                |
| o6ed04020_1                         | E230M-2415 | 020×006 | 1985-2819 | 2880  | 52779.074 | 97  | +0.00          |
| o6ed04020_2                         | E230M-2415 | 020×006 | 1985-2819 | 2880  | 52779.141 | 96  | +0.29          |
| o6ed04020_3                         | E230M-2415 | 020×006 | 1985-2819 | 2880  | 52779.208 | 96  | +0.30          |
| <b>o6ed04020</b>                    |            |         |           | 8640  | 52779.074 | 99  | 2600.01 [0.20] |
| o6ed02010_1                         | E230M-2415 | 020×006 | 1985-2818 | 1980  | 52789.758 | 97  |                |
| o6ed02020_1                         | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52789.813 | 98  | +0.00          |
| o6ed02020_2                         | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52789.880 | 98  | +0.63          |
| o6ed02020_3                         | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52789.947 | 97  | +0.12          |
| o6ed02020_4                         | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52790.013 | 97  | +0.57          |
| <b>o6ed02020</b>                    |            |         |           | 11520 | 52789.813 | 99  | 2600.01 [0.20] |
| o6ed03010_1                         | E230M-2415 | 020×006 | 1985-2818 | 1980  | 52806.430 | 96  |                |
| o6ed03020_1                         | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52806.486 | 97  | +0.00          |
| o6ed03020_2                         | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52806.553 | 97  | −1.35          |
| o6ed03020_3                         | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52806.620 | 97  | −0.83          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o6ed03020_4      | E230M-2415 | 020×006 | 1985-2818 | 2880  | 52806.686 | 96  | −0.58          |
| <b>o6ed03020</b> |            |         |           | 11520 | 52806.486 | 99  | 2600.01 [0.20] |
| STAR1340-1952    |            |         |           |       |           |     |                |
| o64d06010_1      | E140M-1425 | 020×020 | 1140-1729 | 2336  | 51952.447 | 97  |                |
| STAR1342+2826    |            |         |           |       |           |     |                |
| o6f502010_1      | E140M-1425 | 020×006 | 1140-1729 | 1960  | 52503.703 | 91  |                |
| o6f502020_1      | E140M-1425 | 020×006 | 1140-1729 | 1400  | 52503.758 | 89  | +0.00          |
| o6f502020_2      | E140M-1425 | 020×006 | 1140-1729 | 1278  | 52503.777 | 87  | +0.00          |
| o6f502020_3      | E140M-1425 | 020×006 | 1140-1729 | 1400  | 52503.825 | 88  | +0.00          |
| o6f502020_4      | E140M-1425 | 020×006 | 1140-1729 | 1278  | 52503.844 | 85  | +0.00          |
| o6f502020_5      | E140M-1425 | 020×006 | 1140-1729 | 1400  | 52503.892 | 87  | +0.00          |
| o6f502020_6      | E140M-1425 | 020×006 | 1140-1729 | 1278  | 52503.911 | 85  | +0.00          |
| o6f502020_7      | E140M-1425 | 020×006 | 1140-1729 | 1400  | 52503.958 | 87  | +0.00          |
| o6f502020_8      | E140M-1425 | 020×006 | 1140-1729 | 1278  | 52503.977 | 84  | +0.00          |
| <b>o6f502020</b> |            |         |           | 10712 | 52503.758 | 96  | ...            |
| o6f501010_1      | E230M-1978 | 020×006 | 1607-2365 | 1930  | 52502.702 | 79  |                |
| o6f501020_1      | E230M-1978 | 020×006 | 1607-2365 | 1400  | 52502.757 | 73  | +0.00          |
| o6f501020_2      | E230M-1978 | 020×006 | 1607-2365 | 1278  | 52502.776 | 74  | +0.00          |
| o6f501020_3      | E230M-1978 | 020×006 | 1607-2365 | 1400  | 52502.824 | 72  | +0.00          |
| o6f501020_4      | E230M-1978 | 020×006 | 1607-2365 | 1278  | 52502.843 | 72  | +0.00          |
| o6f501020_5      | E230M-1978 | 020×006 | 1607-2365 | 1400  | 52502.890 | 72  | +0.00          |
| o6f501020_6      | E230M-1978 | 020×006 | 1607-2365 | 1278  | 52502.909 | 72  | +0.00          |
| <b>o6f501020</b> |            |         |           | 8034  | 52502.757 | 89  | ...            |
| o6f501030_1      | E230M-2707 | 020×006 | 2275-3118 | 1400  | 52502.957 | 98  | +0.00          |
| o6f501030_2      | E230M-2707 | 020×006 | 2275-3118 | 1384  | 52502.975 | 98  | +0.39          |
| <b>o6f501030</b> |            |         |           | 2784  | 52502.957 | 99  | 2795.92 [0.62] |
| STAR1502-4159    |            |         |           |       |           |     |                |
| o52o01010_1      | E140M-1425 | 020×020 | 1140-1709 | 2527  | 51383.064 | 56  |                |
| o52o01020_1      | E140M-1425 | 020×020 | 1140-1709 | 3022  | 51383.122 | 62  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o52o01020_2      | E140M-1425 | 020×020 | 1140-1709 | 3022 | 51383.190 | 60  | +0.00          |
| o52o01020_3      | E140M-1425 | 020×020 | 1140-1709 | 3022 | 51383.257 | 59  | +0.00          |
| <b>o52o01020</b> |            |         |           | 9066 | 51383.122 | 84  | ...            |
| o52o02010_1      | E140M-1425 | 020×020 | 1140-1709 | 2527 | 51384.005 | 55  |                |
| o52o02020_1      | E140M-1425 | 020×020 | 1140-1709 | 3022 | 51384.062 | 60  | +0.00          |
| o52o02020_2      | E140M-1425 | 020×020 | 1140-1709 | 3022 | 51384.130 | 59  | +0.00          |
| o52o02020_3      | E140M-1425 | 020×020 | 1140-1709 | 3022 | 51384.197 | 59  | +0.00          |
| <b>o52o02020</b> |            |         |           | 9066 | 51384.062 | 83  | ...            |
| STAR1518+0204    |            |         |           |      |           |     |                |
| o6n404010_1      | E140M-1425 | 020×020 | 1140-1729 | 2050 | 52828.243 | 94  |                |
| o6n404020_1      | E140M-1425 | 020×020 | 1140-1729 | 2900 | 52828.300 | 95  |                |
| o6n403010_1      | E140M-1425 | 020×020 | 1140-1729 | 2050 | 52838.914 | 94  |                |
| o6n403020_1      | E140M-1425 | 020×020 | 1140-1729 | 2900 | 52838.971 | 95  |                |
| o6n403030_1      | E140M-1425 | 020×020 | 1140-1729 | 2900 | 52839.037 | 95  |                |
| STAR1552+3256    |            |         |           |      |           |     |                |
| o47s010a0_1      | E140H-1307 | 020×009 | 1196-1397 | 720  | 50679.292 | 95  | +0.00          |
| o47s010a0_2      | E140H-1307 | 020×009 | 1196-1397 | 720  | 50679.302 | 95  | +0.35          |
| o47s010a0_3      | E140H-1307 | 020×009 | 1196-1397 | 720  | 50679.312 | 95  | +0.85          |
| <b>o47s010a0</b> |            |         |           | 2160 | 50679.292 | 96  | 1334.85 [0.34] |
| o47s01080_1      | E140H-1307 | 020×009 | 1196-1397 | 720  | 50679.359 | 95  | +0.00          |
| o47s01080_2      | E140H-1307 | 020×009 | 1196-1397 | 720  | 50679.369 | 95  | +0.86          |
| o47s01080_3      | E140H-1307 | 020×009 | 1196-1397 | 720  | 50679.379 | 95  | +0.36          |
| <b>o47s01080</b> |            |         |           | 2160 | 50679.359 | 96  | 1334.85 [0.34] |
| o47s01070_1      | E140H-1307 | 020×009 | 1196-1397 | 2400 | 50679.426 | 96  |                |
| o47s01060_1      | E140H-1307 | 020×009 | 1196-1397 | 2400 | 50679.493 | 96  |                |
| STAR1728+1730    |            |         |           |      |           |     |                |
| o5f607010_1      | E230M-2707 | 020×006 | 2275-3118 | 1802 | 51466.074 | 95  |                |
| o5f607020_1      | E230M-2707 | 020×006 | 2275-3118 | 2897 | 51466.126 | 97  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o5f607020_2      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51466.193 | 97  | −0.15          |
| o5f607020_3      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51466.260 | 97  | −0.02          |
| <b>o5f607020</b> |            |         |           | 8691  | 51466.126 | 98  | 2835.02 [0.22] |
| STAR1740-5338    |            |         |           |       |           |     |                |
| o6n402010_1      | E140M-1425 | 020×020 | 1140-1729 | 2640  | 52826.305 | 94  |                |
| o6n402020_1      | E140M-1425 | 020×020 | 1140-1729 | 3100  | 52826.362 | 95  |                |
| o6n401010_1      | E140M-1425 | 020×020 | 1140-1729 | 2640  | 52835.786 | 95  |                |
| o6n401020_1      | E140M-1425 | 020×020 | 1140-1729 | 3100  | 52835.844 | 95  |                |
| o6n401030_1      | E140M-1425 | 020×020 | 1140-1729 | 3100  | 52835.911 | 95  |                |
| STAR1742-4658    |            |         |           |       |           |     |                |
| o6mb03010_1      | E230M-2269 | 020×006 | 1841-2673 | 1897  | 52719.594 | 98  |                |
| o6mb03020_1      | E230M-2269 | 020×006 | 1841-2673 | 3054  | 52719.644 | 97  |                |
| STAR1816-3045    |            |         |           |       |           |     |                |
| o5a001010_1      | E140M-1425 | 020×006 | 1140-1709 | 2070  | 51670.840 | 83  |                |
| o5a001020_1      | E140M-1425 | 020×006 | 1140-1709 | 2945  | 51670.896 | 85  | +0.00          |
| o5a001020_2      | E140M-1425 | 020×006 | 1140-1709 | 2945  | 51670.963 | 85  | +0.00          |
| o5a001020_3      | E140M-1425 | 020×006 | 1140-1709 | 2945  | 51671.030 | 85  | +0.00          |
| o5a001020_4      | E140M-1425 | 020×006 | 1140-1709 | 2945  | 51671.097 | 85  | +0.00          |
| <b>o5a001020</b> |            |         |           | 11780 | 51670.896 | 90  | ...            |
| o5a002020_1      | E230M-1978 | 020×006 | 1607-2365 | 2945  | 51799.308 | 82  |                |
| o5a002030_1      | E230M-1978 | 020×006 | 1606-2365 | 2945  | 51799.375 | 81  |                |
| o5a002010_1      | E230M-2707 | 020×006 | 2275-3118 | 2040  | 51799.252 | 98  |                |
| STAR1911-5952    |            |         |           |       |           |     |                |
| o4ofa1010_1      | E230M-2707 | 020×020 | 2275-3118 | 6160  | 50874.417 | 99  | +0.00          |
| o4ofa1010_2      | E230M-2707 | 020×020 | 2275-3118 | 6160  | 50874.491 | 99  | +1.71          |
| <b>o4ofa1010</b> |            |         |           | 12320 | 50874.417 | 99  | 2924.46 [0.11] |
| STAR1911-5957    |            |         |           |       |           |     |                |

Table 4—Continued

| (1)                                 | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|-------------------------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| o4of03010_1                         | E230M-2707 | 020×020 | 2274-3117 | 6554  | 51379.870 | 11  | +0.00          |
| o4of03010_2                         | E230M-2707 | 020×020 | 2274-3117 | 6554  | 51379.948 | 10  | +0.00          |
| <b>o4of03010</b>                    |            |         |           | 13107 | 51379.870 | 17  | ...            |
| STAR1911-6001                       |            |         |           |       |           |     |                |
| o4of01010_1                         | E230M-2707 | 020×020 | 2275-3118 | 6480  | 50874.249 | 3   | +0.00          |
| o4of01010_2                         | E230M-2707 | 020×020 | 2275-3118 | 6480  | 50874.326 | 2   | +0.85          |
| <b>o4of01010</b>                    |            |         |           | 12960 | 50874.249 | 6   | 2924.47 [0.12] |
| o4of04010_1                         | E230M-2707 | 020×020 | 2275-3118 | 4350  | 50874.577 | 1   |                |
| STAR2046+3532                       |            |         |           |       |           |     |                |
| o6lz89010_1                         | E140M-1425 | 020×020 | 1140-1729 | 1200  | 52713.604 | 95  |                |
| STAR2129+1210                       |            |         |           |       |           |     |                |
| o8pw01030_1                         | E140M-1425 | 020×020 | 1140-1729 | 680   | 53183.556 | 0   |                |
| o8pw01040_1                         | E140M-1425 | 020×020 | 1140-1729 | 2795  | 53183.597 | 6   |                |
| STAR2136+4920                       |            |         |           |       |           |     |                |
| o6359s010_1                         | E140M-1425 | 020×020 | 1140-1729 | 1440  | 51993.431 | 94  |                |
| STAR2213+5424                       |            |         |           |       |           |     |                |
| o6359q010_1                         | E140M-1425 | 020×020 | 1140-1729 | 1440  | 51944.440 | 94  |                |
| STAR2217-1639 [VAR? several epochs] |            |         |           |       |           |     |                |
| o5el02010_1                         | E230M-2707 | 020×006 | 2274-3117 | 1992  | 51322.987 | 6   |                |
| o5el02020_1                         | E230M-2707 | 020×006 | 2274-3117 | 1827  | 51323.043 | 4   | +0.00          |
| o5el02020_2                         | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51323.110 | 8   | +0.00          |
| o5el02020_3                         | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51323.177 | 8   | +0.00          |
| o5el02020_4                         | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51323.245 | 2   | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)   |
|------------------|------------|---------|-----------|-------|-----------|-----|-------|
| <b>o5el02020</b> |            |         |           | 10517 | 51323.043 | 25  | ...   |
| o5el07010_1      | E230M-2707 | 020×006 | 2275-3118 | 1992  | 51472.998 | 6   |       |
| o5el07020_1      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51473.054 | 9   | +0.00 |
| o5el07020_2      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51473.121 | 8   | +0.00 |
| o5el07020_3      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51473.188 | 7   | +0.00 |
| o5el07020_4      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51473.255 | 7   | +0.00 |
| <b>o5el07020</b> |            |         |           | 11588 | 51473.054 | 33  | ...   |
| o5el08010_1      | E230M-2707 | 020×006 | 2275-3118 | 1992  | 51473.937 | 6   |       |
| o5el08020_1      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51473.993 | 8   | +0.00 |
| o5el08020_2      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51474.060 | 7   | +0.00 |
| o5el08020_3      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51474.128 | 6   | +0.00 |
| o5el08020_4      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51474.195 | 6   | +0.00 |
| <b>o5el08020</b> |            |         |           | 11588 | 51473.993 | 30  | ...   |
| o5el12010_1      | E230M-2707 | 020×006 | 2275-3118 | 1992  | 51492.537 | 6   |       |
| o5el12020_1      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51492.592 | 7   | +0.00 |
| o5el12020_2      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51492.659 | 7   | +0.00 |
| o5el12020_3      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51492.727 | 6   | +0.00 |
| o5el12020_4      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51492.794 | 6   | +0.00 |
| <b>o5el12020</b> |            |         |           | 11588 | 51492.592 | 28  | ...   |
| o5el13010_1      | E230M-2707 | 020×006 | 2274-3117 | 1992  | 51721.796 | 6   |       |
| o5el13020_1      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51721.852 | 7   | +0.00 |
| o5el13020_2      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51721.919 | 6   | +0.00 |
| o5el13020_3      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51721.986 | 6   | +0.00 |
| o5el13020_4      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51722.053 | 6   | +0.00 |
| <b>o5el13020</b> |            |         |           | 11588 | 51721.852 | 27  | ...   |
| o5el03010_1      | E230M-2707 | 020×006 | 2275-3118 | 1992  | 51841.401 | 6   |       |
| o5el03020_1      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51841.456 | 6   | +0.00 |
| o5el03020_2      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51841.523 | 5   | +0.00 |
| o5el03020_3      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51841.590 | 5   | +0.00 |
| o5el03020_4      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51841.657 | 4   | +0.00 |
| <b>o5el03020</b> |            |         |           | 11588 | 51841.456 | 24  | ...   |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)   |
|------------------|------------|---------|-----------|-------|-----------|-----|-------|
| o5el04010.1      | E230M-2707 | 020×006 | 2275-3118 | 1992  | 51850.175 | 5   |       |
| o5el04020.1      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51850.230 | 8   | +0.00 |
| o5el04020.2      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51850.297 | 8   | +0.00 |
| o5el04020.3      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51850.364 | 7   | +0.00 |
| o5el04020.4      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51850.431 | 6   | +0.00 |
| <b>o5el04020</b> |            |         |           | 11588 | 51850.230 | 31  | ...   |
| o5el05010.1      | E230M-2707 | 020×006 | 2275-3118 | 1992  | 51864.974 | 6   |       |
| o5el05020.1      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51865.030 | 9   | +0.00 |
| o5el05020.2      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51865.097 | 9   | +0.00 |
| o5el05020.3      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51865.164 | 8   | +0.00 |
| o5el05020.4      | E230M-2707 | 020×006 | 2275-3118 | 2897  | 51865.230 | 8   | +0.00 |
| <b>o5el05020</b> |            |         |           | 11588 | 51865.030 | 35  | ...   |
| o5el09010.1      | E230M-2707 | 020×006 | 2274-3117 | 1992  | 51898.189 | 7   |       |
| o5el09020.1      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51898.245 | 10  | +0.00 |
| o5el09020.2      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51898.311 | 10  | +0.00 |
| o5el09020.3      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51898.378 | 9   | +0.00 |
| o5el09020.4      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51898.445 | 8   | +0.00 |
| <b>o5el09020</b> |            |         |           | 11588 | 51898.245 | 36  | ...   |
| o5el06010.1      | E230M-2707 | 020×006 | 2274-3117 | 1992  | 51904.080 | 6   |       |
| o5el06020.1      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51904.136 | 10  | +0.00 |
| o5el06020.2      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51904.203 | 8   | +0.00 |
| o5el06020.3      | E230M-2707 | 020×006 | 2275-3117 | 2897  | 51904.270 | 7   | +0.00 |
| o5el06020.4      | E230M-2707 | 020×006 | 2275-3117 | 2897  | 51904.337 | 6   | +0.00 |
| <b>o5el06020</b> |            |         |           | 11588 | 51904.136 | 32  | ...   |
| o5el10010.1      | E230M-2707 | 020×006 | 2274-3117 | 1992  | 51905.084 | 6   |       |
| o5el10020.1      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51905.140 | 10  | +0.00 |
| o5el10020.2      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51905.207 | 9   | +0.00 |
| o5el10020.3      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51905.274 | 7   | +0.00 |
| o5el10020.4      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51905.341 | 7   | +0.00 |
| <b>o5el10020</b> |            |         |           | 11588 | 51905.140 | 33  | ...   |
| o5el11010.1      | E230M-2707 | 020×006 | 2274-3117 | 1992  | 51907.026 | 6   |       |
| o5el11020.1      | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51907.082 | 10  | +0.00 |

Table 4—Continued

| (1)                   | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)   |
|-----------------------|------------|---------|-----------|-------|-----------|-----|-------|
| o5el11020_2           | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51907.149 | 9   | +0.00 |
| o5el11020_3           | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51907.216 | 8   | +0.00 |
| o5el11020_4           | E230M-2707 | 020×006 | 2274-3117 | 2897  | 51907.283 | 7   | +0.00 |
| <b>o5el11020</b>      |            |         |           | 11588 | 51907.082 | 34  | ...   |
| TW-HYA                |            |         |           |       |           |     |       |
| o6cv03020_1           | E140H-1343 | 020×009 | 1246-1439 | 1420  | 52474.591 | 11  |       |
| o6cv03030_1           | E140H-1343 | 020×009 | 1246-1439 | 2935  | 52474.639 | 25  |       |
| o59d01030_1           | E140M-1425 | 050×050 | 1140-1709 | 2300  | 51671.943 | 49  |       |
| o59d01020_1           | E230M-2561 | 020×020 | 2153-2939 | 1675  | 51671.893 | 99  |       |
| TY-PSC [VAR 2 epochs] |            |         |           |       |           |     |       |
| o5b611010_1           | E140M-1425 | 020×020 | 1140-1729 | 1785  | 51848.241 | 97  |       |
| o5b611020_1           | E140M-1425 | 020×020 | 1140-1729 | 2161  | 51848.299 | 97  |       |
| o5b611030_1           | E140M-1425 | 020×020 | 1140-1729 | 2153  | 51848.366 | 97  |       |
| o5b661010_1           | E140M-1425 | 020×020 | 1140-1729 | 2191  | 52183.473 | 95  |       |
| o5b661020_1           | E140M-1425 | 020×020 | 1140-1729 | 2625  | 52183.530 | 95  |       |
| o5b661030_1           | E140M-1425 | 020×020 | 1140-1729 | 2580  | 52183.596 | 95  |       |
| TZ-PER                |            |         |           |       |           |     |       |
| o5b610010_1           | E140M-1425 | 020×020 | 1140-1709 | 2151  | 51728.116 | 82  |       |
| V1190-SCO [VAR]       |            |         |           |       |           |     |       |
| o8nz44010_1           | E230M-2707 | 600×020 | 2275-3118 | 2360  | 53174.664 | 1   |       |
| o8nz44020_1           | E230M-2707 | 600×020 | 2275-3118 | 2900  | 53174.723 | 1   |       |
| o8nz44030_1           | E230M-2707 | 600×020 | 2275-3118 | 2900  | 53174.789 | 1   |       |
| o8nz44040_1           | E230M-2707 | 600×020 | 2275-3118 | 2900  | 53174.856 | 1   |       |
| V2244-OPH             |            |         |           |       |           |     |       |
| o6mb04010_1           | E230M-2269 | 020×006 | 1840-2672 | 1742  | 52524.480 | 58  |       |
| o6mb04020_1           | E230M-2269 | 020×006 | 1840-2672 | 2899  | 52524.533 | 63  | +0.00 |
| o6mb04020_2           | E230M-2269 | 020×006 | 1840-2672 | 2899  | 52524.599 | 60  | +0.00 |



Table 4—Continued

| (1)   | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|---|------------|----------|-----------|------|-----------|-----|-----|
| <b>o6mb04020</b>                            |            |          |           | 5798 | 52524.533 | 75  | ... |
| V338-SER                                    |            |          |           |      |           |     |     |
| o64001010_1                                 | E140M-1425 | 020×020  | 1140-1729 | 2340 | 52322.651 | 96  |     |
| o64001020_1                                 | E140M-1425 | 020×020  | 1140-1729 | 2850 | 52322.712 | 96  |     |
| o64001030_1                                 | E230M-1978 | 020×020  | 1607-2365 | 2850 | 52322.778 | 98  |     |
| V382-VEL [VAR 3 epochs, 1 bad exp]          |            |          |           |      |           |     |     |
| o5jv01010_1                                 | E140M-1425 | 020×005N | 1140-1709 | 1680 | 51329.267 | 79  |     |
| o5jv03010_1                                 | E140M-1425 | 020×005N | 1140-1729 | 1757 | 51419.061 | 63  |     |
| o5jv03020_1                                 | E140M-1425 | 020×005N | 1140-1729 | 2875 | 51419.113 | 73  |     |
| o5jv02010_1                                 | E140M-1425 | 020×006  | 1140-1709 | 1400 | 51350.573 | 97  |     |
| o5jv01020_1                                 | E230M-1978 | 020×005N | 1607-2365 | 1416 | 51329.318 | 81  |     |
| o5jv02020_1                                 | E230M-1978 | 020×005N | 1607-2365 | 1    | 51350.594 | 0   |     |
| o5jv02030_1                                 | E230M-1978 | 020×005N | 1607-2365 | 1430 | 51350.620 | 90  |     |
| o5jv03030_1                                 | E230M-1978 | 020×005N | 1607-2365 | 2842 | 51419.180 | 45  |     |
| o5jv01030_1                                 | E230M-2707 | 020×005N | 2274-3117 | 1100 | 51329.339 | 99  |     |
| o5jv03040_1                                 | E230M-2707 | 020×005N | 2275-3119 | 2842 | 51419.248 | 98  |     |
| o5jv02040_1                                 | E230M-2707 | 020×005N | 2274-3117 | 1100 | 51350.642 | 99  |     |
| V3885-SGR                                   |            |          |           |      |           |     |     |
| o5bi04010_1                                 | E140M-1425 | 020×020  | 1140-1729 | 2195 | 51664.334 | 98  |     |
| o5bi05010_1                                 | E140M-1425 | 020×020  | 1140-1729 | 1998 | 51776.131 | 98  |     |
| o5bi06010_1                                 | E140M-1425 | 020×020  | 1140-1729 | 2322 | 51861.072 | 98  |     |
| V405-AUR                                    |            |          |           |      |           |     |     |
| o5dl01010_1                                 | E140M-1425 | 020×020  | 1140-1729 | 1856 | 51625.075 | 21  |     |
| o5dl01020_1                                 | E140M-1425 | 020×020  | 1140-1729 | 2750 | 51625.134 | 36  |     |
| o5dl01030_1                                 | E140M-1425 | 020×020  | 1140-1729 | 2890 | 51625.201 | 37  |     |
| o5dl01040_1                                 | E140M-1425 | 020×020  | 1140-1729 | 2350 | 51625.270 | 34  |     |
| V471-TAU [VAR? : 1 exp low in epochs 1 & 3] |            |          |           |      |           |     |     |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o4mu02010_1 | E140M-1425 | 020×006 | 1140-1729 | 1680 | 50885.173 | 97  |     |
| o4mua2010_1 | E140M-1425 | 020×006 | 1140-1729 | 2580 | 50885.227 | 97  |     |
| o4mua2020_1 | E140M-1425 | 020×006 | 1140-1729 | 2460 | 50885.293 | 98  |     |
| o4mu01010_1 | E140M-1425 | 020×006 | 1140-1729 | 1680 | 50895.993 | 97  |     |
| o4mu01020_1 | E140M-1425 | 020×006 | 1140-1729 | 2580 | 50896.046 | 98  |     |
| o4mua1010_1 | E140M-1425 | 020×006 | 1140-1729 | 2370 | 50896.117 | 98  |     |
| o6jc01010_1 | E140M-1425 | 020×006 | 1140-1729 | 1650 | 52299.064 | 97  |     |
| o6jc01020_1 | E140M-1425 | 020×006 | 1140-1729 | 2895 | 52299.116 | 98  |     |
| o6jc01030_1 | E140M-1425 | 020×006 | 1140-1729 | 2895 | 52299.183 | 97  |     |
| o6jc01040_1 | E140M-1425 | 020×006 | 1140-1729 | 2895 | 52299.249 | 98  |     |
| o5dma1010_1 | E140M-1425 | 020×020 | 1140-1729 | 1962 | 51780.716 | 98  |     |
| o5dma4010_1 | E140M-1425 | 020×020 | 1140-1729 | 1962 | 51780.984 | 98  |     |
| o5dma2010_1 | E140M-1425 | 020×020 | 1140-1729 | 1962 | 51781.780 | 98  |     |
| o5dma3010_1 | E140M-1425 | 020×020 | 1140-1729 | 1962 | 51783.598 | 98  |     |
| V572-CAR    |            |         |           |      |           |     |     |
| o4qx03010_1 | E140H-1234 | 020×009 | 1141-1335 | 5160 | 51287.779 | 88  |     |
| o40p01030_1 | E140H-1416 | 020×009 | 1316-1517 | 1750 | 50606.968 | 98  |     |
| o4qx03020_1 | E140H-1416 | 020×009 | 1316-1517 | 3180 | 51287.844 | 99  |     |
| o4qx03030_1 | E140H-1598 | 020×009 | 1494-1687 | 4800 | 51287.886 | 99  |     |
| o4wn01010_1 | E140M-1425 | 020×006 | 1140-1709 | 2087 | 51003.720 | 94  |     |
| o4wn01020_1 | E140M-1425 | 020×009 | 1140-1709 | 1500 | 51003.746 | 94  |     |
| o4wn01030_1 | E140M-1425 | 020×020 | 1140-1709 | 921  | 51003.766 | 94  |     |
| o4qx03040_1 | E230H-2513 | 010×009 | 2377-2650 | 2820 | 51287.953 | 99  |     |
| o40p01040_1 | E230H-2762 | 010×009 | 2620-2887 | 1266 | 50606.944 | 99  |     |
| o4qx03050_1 | E230H-2762 | 010×009 | 2620-2887 | 2340 | 51287.991 | 99  |     |
| o4wn01040_1 | E230M-2707 | 020×006 | 2274-3116 | 750  | 51003.788 | 99  |     |
| o4wn01050_1 | E230M-2707 | 010×009 | 2274-3117 | 1023 | 51003.799 | 99  |     |
| o4wn01060_1 | E230M-2707 | 020×020 | 2274-3116 | 600  | 51003.811 | 99  |     |
| V621-PER    |            |         |           |      |           |     |     |
| o4w260020_1 | E230M-1978 | 020×020 | 1607-2365 | 100  | 51220.223 | 81  |     |
| o4w260030_1 | E230M-1978 | 020×020 | 1607-2365 | 1280 | 51220.226 | 97  |     |
| o4w260010_1 | E230M-2124 | 020×020 | 1701-2509 | 1680 | 51220.200 | 99  |     |
| o4w260040_1 | E230M-2269 | 020×020 | 1840-2672 | 1509 | 51220.245 | 99  |     |

Table 4—Continued

| (1)   | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|---|------------|---------|-----------|------|-----------|-----|----------------|
| V645-CEN [2020 high; 2030 0s exp]                 |            |         |           |      |           |     |                |
| o5eo01010_1                                       | E140M-1425 | 020×020 | 1140-1709 | 4200 | 51672.040 | 1   |                |
| o5eo01020_1                                       | E140M-1425 | 020×020 | 1140-1709 | 5460 | 51672.093 | 1   |                |
| o5eo01030_1                                       | E140M-1425 | 020×020 | 1140-1709 | 5460 | 51672.160 | 1   |                |
| o5eo01040_1                                       | E140M-1425 | 020×020 | 1140-1709 | 5460 | 51672.227 | 1   |                |
| o5eo02010_1                                       | E140M-1425 | 020×020 | 1140-1709 | 4200 | 51673.002 | 1   |                |
| o5eo02020_1                                       | E140M-1425 | 020×020 | 1140-1709 | 5460 | 51673.055 | 3   |                |
| o5eo02040_1                                       | E140M-1425 | 020×020 | 1140-1709 | 5460 | 51673.189 | 2   |                |
| V819-TAU  |            |         |           |      |           |     |                |
| o5e309010_1                                       | E140M-1425 | 020×006 | 1140-1729 | 2000 | 51786.751 | 0   |                |
| o5e309020_1                                       | E140M-1425 | 020×006 | 1140-1729 | 2920 | 51786.807 | 0   |                |
| o5e309040_1                                       | E140M-1425 | 020×006 | 1140-1729 | 1820 | 51786.883 | 0   |                |
| o5e309050_1                                       | E140M-1425 | 020×006 | 1140-1729 | 2650 | 51786.941 | 0   |                |
| o5cf04020_1                                       | E230M-1978 | 020×020 | 1607-2365 | 2923 | 51787.879 | 0   |                |
| o5cf04010_1                                       | E230M-2707 | 020×020 | 2276-3119 | 2325 | 51787.820 | 0   |                |
| V836-TAU  |            |         |           |      |           |     |                |
| o5e310010_1                                       | E140M-1425 | 020×006 | 1140-1729 | 2000 | 51954.243 | 0   |                |
| o5e310020_1                                       | E140M-1425 | 020×006 | 1140-1729 | 2920 | 51954.297 | 0   |                |
| o5e310040_1                                       | E140M-1425 | 020×006 | 1140-1729 | 1820 | 51954.373 | 0   |                |
| o5e310050_1                                       | E140M-1425 | 020×006 | 1140-1729 | 2650 | 51954.431 | 0   |                |
| VW-HYI [VAR several epochs; VAR w/in final epoch] |            |         |           |      |           |     |                |
| o5e202010_1                                       | E140M-1425 | 020×020 | 1140-1709 | 509  | 51684.588 | 98  | +0.00          |
| o5e202010_2                                       | E140M-1425 | 020×020 | 1140-1709 | 509  | 51684.595 | 98  | +0.00          |
| o5e202010_3                                       | E140M-1425 | 020×020 | 1140-1709 | 509  | 51684.601 | 98  | −0.12          |
| o5e202010_4                                       | E140M-1425 | 020×020 | 1140-1709 | 509  | 51684.608 | 98  | +0.91          |
| o5e202010_5                                       | E140M-1425 | 020×020 | 1140-1709 | 477  | 51684.614 | 98  | +1.27          |
| <b>o5e202010</b>                                  |            |         |           | 2512 | 51684.588 | 99  | 1334.57 [0.13] |
| o5e203010_1                                       | E140M-1425 | 020×020 | 1140-1709 | 509  | 51686.730 | 98  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5e203010_2      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51686.737 | 98  | −0.87          |
| o5e203010_3      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51686.743 | 98  | −1.72          |
| o5e203010_4      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51686.749 | 98  | −0.57          |
| o5e203010_5      | E140M-1425 | 020×020 | 1140-1709 | 477  | 51686.756 | 98  | −0.18          |
| <b>o5e203010</b> |            |         |           | 2512 | 51686.730 | 98  | 1334.57 [0.13] |
| o5e204010_1      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51689.607 | 98  | +0.00          |
| o5e204010_2      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51689.615 | 98  | −1.49          |
| o5e204010_3      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51689.621 | 98  | −2.76          |
| o5e204010_4      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51689.627 | 98  | −2.49          |
| o5e204010_5      | E140M-1425 | 020×020 | 1140-1709 | 477  | 51689.633 | 98  | −2.71          |
| <b>o5e204010</b> |            |         |           | 2512 | 51689.607 | 98  | 1334.57 [0.13] |
| o5e205010_1      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51696.624 | 63  | +0.00          |
| o5e205010_2      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51696.632 | 63  | +0.00          |
| o5e205010_3      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51696.638 | 64  | +0.00          |
| o5e205010_4      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51696.644 | 65  | +0.00          |
| o5e205010_5      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51696.651 | 64  | +0.00          |
| <b>o5e205010</b> |            |         |           | 2545 | 51696.624 | 89  | ...            |
| o5e206010_1      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51701.245 | 68  | +0.00          |
| o5e206010_2      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51701.252 | 72  | +0.00          |
| o5e206010_3      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51701.259 | 66  | +0.00          |
| o5e206010_4      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51701.265 | 63  | +0.00          |
| o5e206010_5      | E140M-1425 | 020×020 | 1140-1709 | 509  | 51701.271 | 59  | +0.00          |
| <b>o5e206010</b> |            |         |           | 2545 | 51701.245 | 90  | ...            |
| o5e201010_1      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.853 | 65  | +0.00          |
| o5e201010_2      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.860 | 62  | +0.00          |
| o5e201010_3      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.866 | 62  | +0.00          |
| o5e201010_4      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.872 | 64  | +0.00          |
| o5e201010_5      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.878 | 65  | +0.00          |
| o5e201010_6      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.886 | 68  | +0.00          |
| o5e201010_7      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.892 | 70  | +0.00          |
| o5e201010_8      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.898 | 72  | +0.00          |
| o5e201010_9      | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.904 | 73  | +0.00          |
| o5e201010_10     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.910 | 75  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o5e201010_11     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.918 | 78  | +0.00          |
| o5e201010_12     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.924 | 79  | +0.00          |
| o5e201010_13     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.930 | 79  | +0.00          |
| o5e201010_14     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.936 | 79  | +0.00          |
| o5e201010_15     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.941 | 80  | +0.00          |
| o5e201010_16     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.950 | 81  | +0.00          |
| o5e201010_17     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.956 | 81  | +0.00          |
| o5e201010_18     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.961 | 82  | +0.00          |
| o5e201010_19     | E140M-1425 | 020×020 | 1140-1729 | 480  | 52253.967 | 83  | +0.00          |
| <b>o5e201010</b> |            |         |           | 9120 | 52253.853 | 96  | ...            |
| VY-AQR           |            |         |           |      |           |     |                |
| o5b602010_1      | E140M-1425 | 020×020 | 1140-1709 | 2141 | 51735.596 | 0   |                |
| o5b602020_1      | E140M-1425 | 020×020 | 1140-1709 | 2719 | 51735.655 | 1   |                |
| o5b602030_1      | E140M-1425 | 020×020 | 1140-1709 | 2390 | 51735.722 | 0   |                |
| VZ-CET           |            |         |           |      |           |     |                |
| o5a101090_1      | E140M-1425 | 020×020 | 1140-1729 | 1850 | 51392.908 | 2   |                |
| o8wy03020_1      | E140M-1425 | 020×020 | 1140-1729 | 2100 | 53051.366 | 7   |                |
| o5a101080_1      | E230M-2707 | 020×020 | 2276-3119 | 600  | 51392.897 | 61  |                |
| o8wy02020_1      | E230M-2707 | 020×020 | 2275-3118 | 600  | 53051.252 | 96  |                |
| WD0044-121       |            |         |           |      |           |     |                |
| o8o701010_1      | E140H-1234 | 020×009 | 1141-1335 | 1967 | 53153.425 | 96  |                |
| o8o701020_1      | E140H-1416 | 020×009 | 1316-1517 | 1368 | 53153.481 | 99  | +0.00          |
| o8o701020_2      | E140H-1416 | 020×009 | 1316-1517 | 1368 | 53153.498 | 99  | +0.44          |
| <b>o8o701020</b> |            |         |           | 2736 | 53153.481 | 99  | 1393.40 [0.09] |
| WD0050-332       |            |         |           |      |           |     |                |
| o4g101010_1      | E140H-1271 | 020×009 | 1160-1356 | 2018 | 51192.062 | 99  |                |
| o4g101020_1      | E140H-1271 | 020×009 | 1160-1356 | 2116 | 51192.125 | 99  |                |
| WD0209+085       |            |         |           |      |           |     |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o55f01010_1 | E140M-1425 | 020×020 | 1140-1729 | 2110 | 51188.852 | 98  |     |
| o55f01020_1 | E140M-1425 | 020×020 | 1140-1729 | 1140 | 51188.909 | 97  |     |
| WD0232+035  |            |         |           |      |           |     |     |
| o4g702010_1 | E140M-1425 | 020×020 | 1140-1729 | 2016 | 50781.441 | 98  |     |
| o4g701010_1 | E140M-1425 | 020×020 | 1140-1729 | 2160 | 50817.401 | 99  |     |
| WD0429+176  |            |         |           |      |           |     |     |
| o5dma5010_1 | E140M-1425 | 020×020 | 1140-1729 | 2004 | 51785.544 | 80  |     |
| o5dma7010_1 | E140M-1425 | 020×020 | 1140-1729 | 2004 | 51785.812 | 79  |     |
| o5dma8010_1 | E140M-1425 | 020×020 | 1140-1729 | 2004 | 51788.627 | 79  |     |
| o5dma6010_1 | E140M-1425 | 020×020 | 1140-1729 | 2004 | 51789.498 | 80  |     |
| WD0439+466  |            |         |           |      |           |     |     |
| o64d03010_1 | E140M-1425 | 020×020 | 1140-1729 | 2465 | 51841.752 | 98  |     |
| o64d03020_1 | E140M-1425 | 020×020 | 1140-1729 | 3054 | 51841.810 | 98  |     |
| WD0501+527  |            |         |           |      |           |     |     |
| o57u01030_1 | E140H-1234 | 020×020 | 1141-1335 | 2789 | 51164.399 | 98  |     |
| o5i010010_1 | E140H-1234 | 020×020 | 1141-1335 | 2279 | 51619.980 | 98  |     |
| o5i010020_1 | E140H-1234 | 020×020 | 1141-1335 | 3000 | 51620.037 | 98  |     |
| o5i010030_1 | E140H-1234 | 020×020 | 1141-1335 | 3000 | 51620.104 | 98  |     |
| o6hb10010_1 | E140H-1234 | 020×020 | 1141-1331 | 867  | 52169.576 | 97  |     |
| o6hb10020_1 | E140H-1234 | 020×020 | 1141-1331 | 867  | 52169.587 | 98  |     |
| o6hb10030_1 | E140H-1271 | 020×020 | 1160-1356 | 56   | 52169.602 | 97  |     |
| o6hb10040_1 | E140H-1271 | 020×020 | 1160-1356 | 640  | 52169.621 | 99  |     |
| o6hb10050_1 | E140H-1307 | 020×020 | 1196-1397 | 654  | 52169.633 | 99  |     |
| o6hb10060_1 | E140H-1343 | 020×020 | 1242-1440 | 686  | 52169.645 | 99  |     |
| o6hb10070_1 | E140H-1380 | 020×020 | 1280-1475 | 33   | 52169.657 | 99  |     |
| o6hb10080_1 | E140H-1380 | 020×020 | 1280-1475 | 719  | 52169.688 | 99  |     |
| o57u01020_1 | E140H-1416 | 020×020 | 1316-1517 | 2040 | 51164.345 | 99  |     |
| o6hb10090_1 | E140H-1416 | 020×020 | 1316-1518 | 851  | 52169.701 | 99  |     |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o6hb100a0_1      | E140H-1453 | 020×020 | 1359-1551 | 809  | 52169.715 | 99  |                |
| o6hb100b0_1      | E140H-1453 | 020×020 | 1359-1551 | 229  | 52169.755 | 99  |                |
| o6hb100c0_1      | E140H-1489 | 020×020 | 1390-1586 | 1263 | 52169.762 | 99  |                |
| o6hb100d0_1      | E140H-1526 | 020×020 | 1428-1623 | 887  | 52169.781 | 99  |                |
| o6hb100e0_1      | E140H-1526 | 020×020 | 1428-1623 | 749  | 52169.822 | 99  |                |
| o6hb100f0_1      | E140H-1562 | 020×020 | 1463-1661 | 1996 | 52169.835 | 99  |                |
| o57u01040_1      | E140H-1598 | 020×020 | 1494-1687 | 2703 | 51164.468 | 99  |                |
| o5i011010_1      | E140H-1598 | 020×020 | 1494-1687 | 2284 | 51620.182 | 99  |                |
| o5i011020_1      | E140H-1598 | 020×020 | 1494-1687 | 3000 | 51620.238 | 99  |                |
| o5i011030_1      | E140H-1598 | 020×020 | 1494-1687 | 3000 | 51620.305 | 99  |                |
| o4pg02050_1      | E140M-1425 | 020×020 | 1140-1729 | 2160 | 50889.949 | 99  |                |
| o4pg02040_1      | E140M-1425 | 020×020 | 1140-1729 | 3091 | 50890.005 | 99  |                |
| o4vt02050_1      | E140M-1425 | 020×020 | 1140-1729 | 2160 | 51050.914 | 99  |                |
| o4vt02040_1      | E140M-1425 | 020×020 | 1140-1729 | 3096 | 51050.954 | 99  |                |
| o4dd16020_1      | E140M-1425 | 020×020 | 1140-1729 | 2023 | 51215.270 | 99  | +0.00          |
| o4dd16020_2      | E140M-1425 | 020×020 | 1140-1729 | 2880 | 51215.310 | 99  | −1.39          |
| <b>o4dd16020</b> |            |         |           | 4903 | 51215.270 | 99  | 1334.59 [0.13] |
| o5i009010_1      | E140M-1425 | 020×020 | 1140-1729 | 2334 | 51603.259 | 99  |                |
| o6hb40070_1      | E140M-1425 | 020×020 | 1140-1729 | 498  | 52164.955 | 98  |                |
| o5jy03010_1      | E140M-1425 | 010×003 | 1140-1729 | 550  | 51604.406 | 97  |                |
| o5jy03020_1      | E140M-1425 | 010×003 | 1140-1729 | 550  | 51604.414 | 97  |                |
| o5jy03030_1      | E140M-1425 | 010×003 | 1140-1729 | 520  | 51604.420 | 97  |                |
| o5i013010_1      | E230H-1763 | 020×020 | 1628-1901 | 2304 | 51622.125 | 100 |                |
| o5i013020_1      | E230H-1763 | 020×020 | 1628-1901 | 3000 | 51622.182 | 100 |                |
| o5i013030_1      | E230H-1763 | 020×020 | 1628-1901 | 3000 | 51622.249 | 100 |                |
| o6hb20010_1      | E230H-1763 | 020×020 | 1629-1897 | 1314 | 52170.648 | 99  |                |
| o6hb20020_1      | E230H-1813 | 020×020 | 1678-1954 | 654  | 52170.667 | 100 |                |
| o6hb20030_1      | E230H-1813 | 020×020 | 1678-1954 | 455  | 52170.691 | 99  |                |
| o6hb20040_1      | E230H-1863 | 020×020 | 1723-2000 | 997  | 52170.701 | 100 |                |
| o6hb20050_1      | E230H-1913 | 020×020 | 1775-2053 | 907  | 52170.717 | 100 |                |
| o6hb20060_1      | E230H-1963 | 020×020 | 1830-2103 | 871  | 52170.758 | 100 |                |
| o6hb20070_1      | E230H-2013 | 020×020 | 1879-2150 | 808  | 52170.772 | 100 |                |
| o6hb20080_1      | E230H-2063 | 020×020 | 1926-2205 | 718  | 52170.786 | 100 |                |
| o6hb20090_1      | E230H-2113 | 020×020 | 1975-2250 | 679  | 52170.825 | 100 |                |
| o6hb200a0_1      | E230H-2163 | 020×020 | 2022-2296 | 640  | 52170.837 | 100 |                |
| o6hb200b0_1      | E230H-2213 | 020×020 | 2071-2345 | 620  | 52170.849 | 100 |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o6hb200c0_1 | E230H-2263 | 020×020 | 2128-2396 | 101  | 52170.860 | 99  |     |
| o6hb200d0_1 | E230H-2263 | 020×020 | 2128-2396 | 610  | 52170.892 | 100 |     |
| o6hb200e0_1 | E230H-2313 | 020×020 | 2164-2441 | 734  | 52170.903 | 100 |     |
| o6hb200f0_1 | E230H-2363 | 020×020 | 2220-2497 | 749  | 52170.916 | 100 |     |
| o6hb40080_1 | E230H-2413 | 020×020 | 2273-2546 | 774  | 52164.965 | 100 |     |
| o6hb30010_1 | E230H-2463 | 020×020 | 2327-2606 | 668  | 52171.652 | 100 |     |
| o5i014010_1 | E230H-2513 | 020×020 | 2377-2650 | 2304 | 51621.120 | 100 |     |
| o5i014020_1 | E230H-2513 | 020×020 | 2377-2650 | 3000 | 51621.177 | 100 |     |
| o5i014030_1 | E230H-2513 | 020×020 | 2377-2650 | 3000 | 51621.244 | 100 |     |
| o6hb30020_1 | E230H-2513 | 020×020 | 2385-2650 | 696  | 52171.664 | 100 |     |
| o6hb30030_1 | E230H-2563 | 020×020 | 2430-2706 | 247  | 52171.676 | 100 |     |
| o6hb30040_1 | E230H-2563 | 020×020 | 2430-2706 | 484  | 52171.694 | 100 |     |
| o6hb30050_1 | E230H-2613 | 020×020 | 2485-2754 | 769  | 52171.704 | 100 |     |
| o6hb30060_1 | E230H-2663 | 020×020 | 2526-2804 | 992  | 52171.718 | 100 |     |
| o6hb30070_1 | E230H-2713 | 020×020 | 2576-2845 | 900  | 52171.761 | 99  |     |
| o6hb30080_1 | E230H-2762 | 020×020 | 2620-2888 | 978  | 52171.776 | 99  |     |
| o6hb30090_1 | E230H-2812 | 020×020 | 2666-2943 | 519  | 52171.791 | 99  |     |
| o6hb300a0_1 | E230H-2812 | 020×020 | 2666-2943 | 578  | 52171.828 | 99  |     |
| o6hb300b0_1 | E230H-2862 | 020×020 | 2722-3000 | 1232 | 52171.839 | 99  |     |
| o6hb300c0_1 | E230H-2912 | 020×020 | 2781-3059 | 549  | 52171.858 | 99  |     |
| o6hb300d0_1 | E230H-2912 | 020×020 | 2781-3059 | 873  | 52171.895 | 99  |     |
| o6hb300e0_1 | E230H-2962 | 020×020 | 2822-3096 | 1862 | 52171.909 | 100 |     |
| o5i015010_1 | E230H-3012 | 020×020 | 2885-3158 | 2304 | 51621.924 | 100 |     |
| o5i015020_1 | E230H-3012 | 020×020 | 2885-3158 | 3000 | 51621.981 | 100 |     |
| o5i015030_1 | E230H-3012 | 020×020 | 2885-3158 | 3000 | 51622.048 | 100 |     |
| o6hb40090_1 | E230H-3012 | 020×020 | 2885-3159 | 2228 | 52165.006 | 100 |     |
| o5i012010_1 | E230M-1978 | 020×020 | 1607-2365 | 2304 | 51617.298 | 99  |     |
| o6hb40010_1 | E230M-1978 | 020×020 | 1607-2365 | 456  | 52164.883 | 99  |     |
| o6hb40020_1 | E230M-2124 | 020×020 | 1687-2510 | 353  | 52164.892 | 100 |     |
| o6hb40030_1 | E230M-2269 | 020×020 | 1841-2673 | 291  | 52164.900 | 100 |     |
| o6hb40040_1 | E230M-2415 | 020×020 | 1966-2819 | 244  | 52164.907 | 100 |     |
| o6hb40050_1 | E230M-2561 | 020×020 | 2132-2941 | 302  | 52164.939 | 100 |     |
| o5i012020_1 | E230M-2707 | 020×020 | 2274-3117 | 2880 | 51617.354 | 100 |     |
| o6hb40060_1 | E230M-2707 | 020×020 | 2276-3119 | 347  | 52164.947 | 100 |     |
| o5jy04010_1 | E230M-2707 | 010×003 | 2274-3117 | 550  | 51599.780 | 100 |     |
| o5jy04020_1 | E230M-2707 | 010×003 | 2274-3117 | 550  | 51599.788 | 100 |     |
| o5jy04030_1 | E230M-2707 | 010×003 | 2274-3117 | 490  | 51599.794 | 100 |     |



Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|-------|-----------|-----|----------------|
| WD0501-289       |            |         |           |       |           |     |                |
| o56401010_1      | E140H-1271 | 020×009 | 1160-1356 | 2006  | 51260.542 | 0   |                |
| o56401020_1      | E140H-1271 | 020×009 | 1160-1356 | 2923  | 51260.599 | 0   | +0.00          |
| o56401020_2      | E140H-1271 | 020×009 | 1160-1356 | 2923  | 51260.666 | 0   | +0.00          |
| o56401020_3      | E140H-1271 | 020×009 | 1160-1356 | 2923  | 51260.733 | 0   | +0.00          |
| <b>o56401020</b> |            |         |           | 8769  | 51260.599 | 0   | ...            |
| WD0505+012       |            |         |           |       |           |     |                |
| o64301010_1      | E140M-1425 | 020×006 | 1140-1729 | 2002  | 51942.324 | 95  |                |
| o64301020_1      | E140M-1425 | 020×006 | 1140-1729 | 2899  | 51942.380 | 95  | +0.00          |
| o64301020_2      | E140M-1425 | 020×006 | 1140-1729 | 2899  | 51942.447 | 95  | +0.00          |
| o64301020_3      | E140M-1425 | 020×006 | 1140-1729 | 2899  | 51942.514 | 95  | −0.27          |
| o64301020_4      | E140M-1425 | 020×006 | 1140-1729 | 2899  | 51942.580 | 95  | −0.20          |
| <b>o64301020</b> |            |         |           | 11596 | 51942.380 | 97  | 1302.19 [0.19] |
| WD0556-375       |            |         |           |       |           |     |                |
| o59p03010_1      | E140M-1425 | 020×020 | 1140-1729 | 2494  | 51648.343 | 98  |                |
| o59p03020_1      | E140M-1425 | 020×020 | 1140-1729 | 2977  | 51648.404 | 98  |                |
| o59p03030_1      | E140M-1425 | 020×020 | 1140-1729 | 2977  | 51648.471 | 98  |                |
| WD0615+655       |            |         |           |       |           |     |                |
| o64302010_1      | E140M-1425 | 020×006 | 1140-1729 | 5175  | 51834.649 | 93  | +0.00          |
| o64302010_2      | E140M-1425 | 020×006 | 1140-1729 | 5175  | 51834.712 | 92  | +0.26          |
| o64302010_3      | E140M-1425 | 020×006 | 1140-1729 | 5175  | 51834.774 | 92  | −0.01          |
| o64302010_4      | E140M-1425 | 020×006 | 1140-1729 | 5175  | 51834.837 | 92  | −0.05          |
| <b>o64302010</b> |            |         |           | 20700 | 51834.649 | 96  | 1334.54 [0.15] |
| WD0939+262       |            |         |           |       |           |     |                |
| o59p02010_1      | E140M-1425 | 020×020 | 1140-1729 | 2440  | 51833.791 | 97  |                |
| o59p02020_1      | E140M-1425 | 020×020 | 1140-1729 | 2923  | 51833.853 | 97  |                |
| o59p02030_1      | E140M-1425 | 020×020 | 1140-1729 | 2923  | 51833.920 | 97  |                |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| WD0948+534  |            |         |           |      |           |     |     |
| o59p05010_1 | E140M-1425 | 020×020 | 1140-1729 | 2628 | 51654.253 | 97  |     |
| o59p05020_1 | E140M-1425 | 020×020 | 1140-1729 | 3110 | 51654.302 | 97  |     |
| o59p05030_1 | E140M-1425 | 020×020 | 1140-1729 | 3110 | 51654.370 | 97  |     |
| o59p05040_1 | E140M-1425 | 020×020 | 1140-1729 | 3110 | 51654.437 | 97  |     |
| WD1029+537  |            |         |           |      |           |     |     |
| o4g103010_1 | E140M-1425 | 020×009 | 1140-1729 | 2163 | 50849.815 | 97  |     |
| WD1123+189  |            |         |           |      |           |     |     |
| o4g104010_1 | E140H-1271 | 020×009 | 1163-1356 | 1970 | 51325.303 | 98  |     |
| o4g104020_1 | E140H-1271 | 020×009 | 1163-1356 | 2068 | 51325.366 | 98  |     |
| WD1136+667  |            |         |           |      |           |     |     |
| o8paa1010_1 | E140H-1234 | 020×020 | 1141-1335 | 4048 | 53040.843 | 95  |     |
| o8paa2010_1 | E140M-1425 | 020×020 | 1140-1729 | 1400 | 53043.731 | 97  |     |
| o8paa2020_1 | E140M-1425 | 020×020 | 1140-1729 | 1400 | 53043.749 | 97  |     |
| o8paa2030_1 | E140M-1425 | 020×020 | 1140-1729 | 1400 | 53043.768 | 97  |     |
| WD1159-034  |            |         |           |      |           |     |     |
| o8mu03010_1 | E140M-1425 | 020×020 | 1140-1729 | 754  | 53165.917 | 95  |     |
| o8mu03020_1 | E140M-1425 | 020×020 | 1140-1729 | 762  | 53165.976 | 95  |     |
| o8mu03030_1 | E140M-1425 | 020×020 | 1140-1729 | 760  | 53166.043 | 95  |     |
| WD1210+533  |            |         |           |      |           |     |     |
| o5f203010_1 | E140M-1425 | 020×020 | 1140-1729 | 2630 | 51824.029 | 98  |     |
| o5f203020_1 | E140M-1425 | 020×020 | 1140-1729 | 3111 | 51824.085 | 98  |     |
| o5f204010_1 | E140M-1425 | 020×020 | 1140-1729 | 2630 | 51825.023 | 98  |     |
| WD1254+223  |            |         |           |      |           |     |     |

Table 4—Continued

| (1)              | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o67k03010_1      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51982.633 | 94  | +0.00          |
| o67k03010_2      | E140H-1234 | 020×009 | 1141-1335 | 951  | 51982.645 | 94  | +0.18          |
| <b>o67k03010</b> |            |         |           | 1851 | 51982.633 | 96  | 1260.39 [0.08] |
| o67k03020_1      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51982.693 | 93  | +0.00          |
| o67k03020_2      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51982.707 | 94  | −0.05          |
| o67k03020_3      | E140H-1234 | 020×009 | 1141-1335 | 832  | 51982.717 | 93  | +0.03          |
| <b>o67k03020</b> |            |         |           | 2632 | 51982.693 | 96  | 1260.39 [0.08] |
| o67k03030_1      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51982.760 | 93  | +0.00          |
| o67k03030_2      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51982.773 | 94  | +0.26          |
| o67k03030_3      | E140H-1234 | 020×009 | 1141-1335 | 832  | 51982.784 | 93  | −0.56          |
| <b>o67k03030</b> |            |         |           | 2632 | 51982.760 | 96  | 1260.39 [0.08] |
| o67k03040_1      | E140H-1234 | 020×009 | 1141-1335 | 1000 | 51982.835 | 94  | +0.00          |
| o67k03040_2      | E140H-1234 | 020×009 | 1141-1335 | 950  | 51982.848 | 94  | +0.15          |
| <b>o67k03040</b> |            |         |           | 1950 | 51982.835 | 95  | 1260.39 [0.08] |
| o67k03050_1      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51982.894 | 93  | +0.00          |
| o67k03050_2      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51982.907 | 93  | +0.21          |
| o67k03050_3      | E140H-1234 | 020×009 | 1141-1335 | 832  | 51982.918 | 93  | −0.01          |
| <b>o67k03050</b> |            |         |           | 2632 | 51982.894 | 96  | 1260.39 [0.08] |
| o67k04010_1      | E140H-1234 | 020×009 | 1141-1335 | 900  | 51990.336 | 94  | +0.00          |
| o67k04010_2      | E140H-1234 | 020×009 | 1141-1335 | 951  | 51990.348 | 94  | −0.59          |
| <b>o67k04010</b> |            |         |           | 1851 | 51990.336 | 96  | 1260.39 [0.08] |
| o67k04020_1      | E230H-2513 | 020×009 | 2377-2650 | 900  | 51990.392 | 99  | +0.00          |
| o67k04020_2      | E230H-2513 | 020×009 | 2377-2650 | 900  | 51990.404 | 99  | +0.00          |
| o67k04020_3      | E230H-2513 | 020×009 | 2377-2650 | 943  | 51990.415 | 100 | +0.00          |
| <b>o67k04020</b> |            |         |           | 2743 | 51990.392 | 100 | ...            |
| o67k04030_1      | E230H-2513 | 020×009 | 2377-2650 | 900  | 51990.459 | 99  | +0.00          |
| o67k04030_2      | E230H-2513 | 020×009 | 2377-2650 | 900  | 51990.470 | 100 | +0.00          |
| o67k04030_3      | E230H-2513 | 020×009 | 2377-2650 | 943  | 51990.481 | 100 | +0.00          |
| <b>o67k04030</b> |            |         |           | 2743 | 51990.459 | 100 | ...            |

Table 4—Continued

| (1)                           | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|-------------------------------|------------|---------|-----------|------|-----------|-----|----------------|
| o67k04040_1                   | E230H-2513 | 020×009 | 2377-2650 | 1000 | 51990.534 | 99  | +0.00          |
| o67k04040_2                   | E230H-2513 | 020×009 | 2377-2650 | 994  | 51990.547 | 100 | +0.00          |
| <b>o67k04040</b>              |            |         |           | 1994 | 51990.534 | 100 | ...            |
| o67k04050_1                   | E230H-2513 | 020×009 | 2377-2650 | 900  | 51990.593 | 99  | +0.00          |
| o67k04050_2                   | E230H-2513 | 020×009 | 2377-2650 | 900  | 51990.607 | 99  | +0.00          |
| o67k04050_3                   | E230H-2513 | 020×009 | 2377-2650 | 837  | 51990.617 | 99  | +0.00          |
| <b>o67k04050</b>              |            |         |           | 2637 | 51990.593 | 100 | ...            |
| WD1314+293 [several bad exps] |            |         |           |      |           |     |                |
| o67k01010_1                   | E140H-1234 | 020×009 | 1141-1335 | 900  | 52032.489 | 95  | +0.00          |
| o67k01010_2                   | E140H-1234 | 020×009 | 1141-1335 | 842  | 52032.501 | 95  | +0.14          |
| <b>o67k01010</b>              |            |         |           | 1742 | 52032.489 | 97  | 1260.39 [0.08] |
| o67k01020_1                   | E140H-1234 | 020×009 | 1141-1335 | 900  | 52032.541 | 95  | +0.00          |
| o67k01020_2                   | E140H-1234 | 020×009 | 1141-1335 | 900  | 52032.555 | 95  | −0.19          |
| o67k01020_3                   | E140H-1234 | 020×009 | 1141-1335 | 849  | 52032.565 | 95  | −0.25          |
| <b>o67k01020</b>              |            |         |           | 2649 | 52032.541 | 97  | 1260.39 [0.08] |
| o67k01030_1                   | E140H-1234 | 020×009 | 1141-1335 | 900  | 52032.608 | 95  | +0.00          |
| o67k01030_2                   | E140H-1234 | 020×009 | 1141-1335 | 900  | 52032.622 | 95  | −0.76          |
| o67k01030_3                   | E140H-1234 | 020×009 | 1141-1335 | 849  | 52032.632 | 95  | −0.47          |
| <b>o67k01030</b>              |            |         |           | 2649 | 52032.608 | 97  | 1260.39 [0.08] |
| o67k01040_1                   | E140H-1234 | 020×009 | 1141-1335 | 1000 | 52032.683 | 95  | +0.00          |
| o67k01040_2                   | E140H-1234 | 020×009 | 1141-1335 | 967  | 52032.696 | 95  | −0.19          |
| <b>o67k01040</b>              |            |         |           | 1967 | 52032.683 | 96  | 1260.39 [0.08] |
| o67k01050_1                   | E140H-1234 | 020×009 | 1141-1335 | 900  | 52032.742 | 95  | +0.00          |
| o67k01050_2                   | E140H-1234 | 020×009 | 1141-1335 | 900  | 52032.755 | 95  | −0.01          |
| o67k01050_3                   | E140H-1234 | 020×009 | 1141-1335 | 849  | 52032.766 | 95  | +0.02          |
| <b>o67k01050</b>              |            |         |           | 2649 | 52032.742 | 97  | 1260.39 [0.08] |
| o67k02010_1                   | E230H-2513 | 020×009 | 2377-2650 | 900  | 52023.858 | 100 | +0.00          |
| o67k02010_2                   | E230H-2513 | 020×009 | 2377-2650 | 867  | 52023.870 | 100 | +0.00          |

Table 4—Continued

| (1)                    | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------------|------------|---------|-----------|------|-----------|-----|----------------|
| <b>o67k02010</b>       |            |         |           | 1767 | 52023.858 | 100 | ...            |
| o67k02020_1            | E230H-2513 | 020×009 | 2377-2650 | 900  | 52023.912 | 100 | +0.00          |
| o67k02020_2            | E230H-2513 | 020×009 | 2377-2650 | 900  | 52023.926 | 100 | +0.00          |
| o67k02020_3            | E230H-2513 | 020×009 | 2377-2650 | 854  | 52023.936 | 100 | +0.00          |
| <b>o67k02020</b>       |            |         |           | 2654 | 52023.912 | 100 | ...            |
| o67k02030_1            | E230H-2513 | 020×009 | 2377-2650 | 900  | 52023.979 | 100 | +0.00          |
| o67k02030_2            | E230H-2513 | 020×009 | 2377-2650 | 900  | 52023.993 | 100 | +0.00          |
| o67k02030_3            | E230H-2513 | 020×009 | 2377-2650 | 854  | 52024.003 | 100 | +0.00          |
| <b>o67k02030</b>       |            |         |           | 2654 | 52023.979 | 100 | ...            |
| o8gn100a0_1            | E230H-2513 | 020×020 | 2385-2650 | 680  | 52433.390 | 0   |                |
| o8gn10090_1            | E230H-2513 | 020×020 | 2377-2650 | 680  | 52433.401 | 0   |                |
| o8gn10080_1            | E230H-2513 | 020×020 | 2377-2650 | 680  | 52433.442 | 0   |                |
| o8gn10070_1            | E230H-2513 | 020×020 | 2377-2650 | 680  | 52433.453 | 0   |                |
| o8gn10060_1            | E230H-2513 | 020×020 | 2377-2650 | 680  | 52433.465 | 0   |                |
| WD1738+669             |            |         |           |      |           |     |                |
| o59p01010_1            | E140M-1425 | 020×020 | 1140-1709 | 4980 | 51354.711 | 97  | +0.00          |
| o59p01010_2            | E140M-1425 | 020×020 | 1140-1709 | 4980 | 51354.772 | 97  | −0.78          |
| <b>o59p01010</b>       |            |         |           | 9960 | 51354.711 | 98  | 1334.46 [0.18] |
| WD1957+225             |            |         |           |      |           |     |                |
| o64d07010_1            | E140M-1425 | 020×020 | 1140-1729 | 2261 | 52021.664 | 97  |                |
| o64d07020_1            | E140M-1425 | 020×020 | 1140-1729 | 2906 | 52021.722 | 97  |                |
| WD2134+125             |            |         |           |      |           |     |                |
| o8mu02010_1            | E140M-1425 | 020×020 | 1140-1729 | 650  | 53180.864 | 93  |                |
| o8mu02020_1            | E140M-1425 | 020×020 | 1140-1729 | 656  | 53180.930 | 93  |                |
| o8mu02030_1            | E140M-1425 | 020×020 | 1140-1729 | 655  | 53180.997 | 93  |                |
| WD2148+286 [1 bad exp] |            |         |           |      |           |     |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o45930010_1      | E140H-1416 | 020×020  | 1316-1517 | 935  | 50812.753 | 99  |                |
| o45931030_1      | E140H-1416 | 020×020  | 1316-1517 | 994  | 50953.898 | 99  |                |
| o45932030_1      | E140H-1416 | 020×020  | 1316-1517 | 994  | 51069.431 | 99  |                |
| o45933030_1      | E140H-1416 | 020×020  | 1316-1517 | 994  | 51193.064 | 99  |                |
| o45934030_1      | E140H-1416 | 020×020  | 1316-1517 | 994  | 51320.421 | 99  |                |
| o5jj22030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 51492.924 | 99  |                |
| o5jj23030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 51679.145 | 99  |                |
| o69s19030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 51857.398 | 99  |                |
| o69s20030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 52147.145 | 99  |                |
| o6i819030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 52241.193 | 99  |                |
| o6i820030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 52421.443 | 99  |                |
| o8ia12030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 52579.284 | 99  |                |
| o8ia13030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 52762.423 | 99  |                |
| o8v560030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 52996.821 | 99  |                |
| o8v561030_1      | E140H-1416 | 020×020  | 1316-1517 | 1040 | 53135.944 | 99  |                |
| o3zx02080_1      | E140M-1425 | 020×020  | 1140-1729 | 1779 | 50710.582 | 99  |                |
| o45930030_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 50812.824 | 98  |                |
| o45931020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 50953.860 | 98  |                |
| o45932020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 51069.391 | 98  |                |
| o45933020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 51193.027 | 98  |                |
| o45934020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 51320.383 | 98  |                |
| o5jj22020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 51492.887 | 98  |                |
| o5jj23020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 51679.110 | 98  |                |
| o69s19020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 51857.363 | 98  |                |
| o69s20020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 52147.107 | 98  |                |
| o6i819020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 52241.160 | 98  |                |
| o6i820020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 52421.406 | 98  |                |
| o8ia12020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 52579.250 | 98  |                |
| o8ia13020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 52762.385 | 98  |                |
| o8v560020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 52996.784 | 98  |                |
| o8v561020_1      | E140M-1425 | 020×020  | 1140-1729 | 350  | 53135.908 | 98  |                |
| o47k01070_1      | E140M-1425 | 020×020F | 1140-1729 | 54   | 50678.405 | 97  |                |
| o47k040s0.1      | E140M-1425 | 020×020F | 1140-1729 | 384  | 50714.546 | 98  | +0.00          |
| o47k040s0.2      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.552 | 98  | +0.42          |
| <b>o47k040s0</b> |            |          |           | 744  | 50714.546 | 98  | 1334.46 [0.15] |
| o47k040o0.1      | E140M-1425 | 020×020F | 1140-1729 | 150  | 50714.558 | 98  |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o47k040n0.1      | E140M-1425 | 020×020F | 1140-1729 | 600  | 50714.562 | 98  |                |
| o47k040r0.1      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.601 | 98  | +0.00          |
| o47k040r0.2      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.607 | 98  | +0.90          |
| o47k040r0.3      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.613 | 98  | +2.07          |
| <b>o47k040r0</b> |            |          |           | 1080 | 50714.601 | 99  | 1334.46 [0.15] |
| o47k040m0.1      | E140M-1425 | 020×020F | 1140-1728 | 364  | 50714.624 | 98  |                |
| o47k040l0.1      | E140M-1425 | 020×020F | 1140-1728 | 134  | 50714.630 | 98  |                |
| o47k040q0.1      | E140M-1425 | 020×020F | 1140-1728 | 387  | 50714.669 | 98  | +0.00          |
| o47k040q0.2      | E140M-1425 | 020×020F | 1140-1728 | 360  | 50714.675 | 3   | +0.69          |
| o47k040q0.3      | E140M-1425 | 020×020F | 1140-1728 | 360  | 50714.681 | 98  | +1.35          |
| o47k040q0.4      | E140M-1425 | 020×020F | 1140-1728 | 360  | 50714.686 | 98  | +2.09          |
| <b>o47k040q0</b> |            |          |           | 1467 | 50714.669 | 13  | 1334.46 [0.15] |
| o47k040k0.1      | E140M-1425 | 020×020F | 1140-1728 | 600  | 50714.692 | 98  |                |
| o47k040p0.1      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.741 | 98  | +0.00          |
| o47k040p0.2      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.747 | 98  | +0.66          |
| o47k040p0.3      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.753 | 98  | +1.06          |
| o47k040p0.4      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.759 | 98  | +1.65          |
| <b>o47k040p0</b> |            |          |           | 1440 | 50714.741 | 98  | 1334.46 [0.15] |
| o47k040j0.1      | E140M-1425 | 020×020F | 1140-1729 | 150  | 50714.765 | 98  |                |
| o47k040i0.1      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50714.803 | 98  |                |
| o47k040h0.1      | E140M-1425 | 020×020F | 1140-1729 | 150  | 50714.809 | 98  |                |
| o47k040g0.1      | E140M-1425 | 020×020F | 1140-1729 | 600  | 50714.812 | 98  |                |
| o47k040f0.1      | E140M-1425 | 020×020F | 1140-1729 | 615  | 50714.826 | 98  |                |
| o47k050g0.1      | E140M-1425 | 020×020F | 1140-1729 | 366  | 50716.496 | 98  | +0.00          |
| o47k050g0.2      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.502 | 98  | +1.99          |
| o47k050g0.3      | E140M-1425 | 020×020F | 1140-1729 | 411  | 50716.508 | 98  | +2.98          |
| <b>o47k050g0</b> |            |          |           | 1137 | 50716.496 | 99  | 1334.46 [0.15] |
| o47k050c0.1      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.514 | 98  |                |
| o47k050f0.1      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.551 | 98  | +0.00          |
| o47k050f0.2      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.556 | 98  | +0.32          |
| <b>o47k050f0</b> |            |          |           | 720  | 50716.551 | 98  | 1334.46 [0.15] |
| o47k050e0.1      | E140M-1425 | 020×020F | 1140-1729 | 370  | 50716.568 | 98  | +0.00          |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o47k050e0.2      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.574 | 98  | +1.16          |
| <b>o47k050e0</b> |            |          |           | 730  | 50716.568 | 98  | 1334.46 [0.15] |
| o47k050b0.1      | E140M-1425 | 020×020F | 1140-1729 | 134  | 50716.579 | 98  |                |
| o47k050d0.1      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.618 | 98  | +0.00          |
| o47k050d0.2      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.624 | 98  | −0.11          |
| o47k050d0.3      | E140M-1425 | 020×020F | 1140-1729 | 360  | 50716.629 | 98  | +1.81          |
| <b>o47k050d0</b> |            |          |           | 1080 | 50716.618 | 98  | 1334.46 [0.15] |
| o47k050a0.1      | E140M-1425 | 020×020F | 1140-1729 | 600  | 50716.635 | 98  |                |
| o47k05090.1      | E140M-1425 | 020×020F | 1140-1729 | 363  | 50716.644 | 98  |                |
| o45930020.1      | E230H-2263 | 020×020  | 2128-2396 | 1006 | 50812.768 | 99  | +0.00          |
| o45930020.2      | E230H-2263 | 020×020  | 2128-2396 | 611  | 50812.813 | 99  | −0.05          |
| <b>o45930020</b> |            |          |           | 1617 | 50812.768 | 99  | 2344.13 [0.12] |
| o45931010.1      | E230H-2263 | 020×020  | 2128-2396 | 1618 | 50953.837 | 99  |                |
| o45932010.1      | E230H-2263 | 020×020  | 2128-2396 | 1618 | 51069.368 | 99  |                |
| o45933010.1      | E230H-2263 | 020×020  | 2128-2396 | 1618 | 51193.004 | 99  |                |
| o45934010.1      | E230H-2263 | 020×020  | 2128-2396 | 1618 | 51320.360 | 99  |                |
| o5jj22010.1      | E230H-2263 | 020×020  | 2128-2396 | 1455 | 51492.866 | 99  |                |
| o5jj23010.1      | E230H-2263 | 020×020  | 2128-2396 | 1455 | 51679.089 | 99  |                |
| o69s19010.1      | E230H-2263 | 020×020  | 2128-2396 | 1455 | 51857.342 | 99  |                |
| o69s20010.1      | E230H-2263 | 020×020  | 2128-2396 | 1476 | 52147.085 | 99  |                |
| o6i819010.1      | E230H-2263 | 020×020  | 2128-2396 | 1476 | 52241.139 | 99  |                |
| o6i820010.1      | E230H-2263 | 020×020  | 2128-2396 | 1476 | 52421.384 | 99  |                |
| o8ia12010.1      | E230H-2263 | 020×020  | 2128-2396 | 1476 | 52579.229 | 99  |                |
| o8ia13010.1      | E230H-2263 | 020×020  | 2128-2396 | 1476 | 52762.363 | 99  |                |
| o8v560010.1      | E230H-2263 | 020×020  | 2128-2396 | 1476 | 52996.763 | 99  |                |
| o8v561010.1      | E230H-2263 | 020×020  | 2128-2396 | 1652 | 53135.885 | 99  |                |
| o8gn500a0.1      | E230H-2513 | 020×020  | 2385-2650 | 680  | 52461.923 | 99  |                |
| o8gn50090.1      | E230H-2513 | 020×020  | 2378-2650 | 634  | 52461.934 | 99  |                |
| o8gn50070.1      | E230H-2513 | 020×020  | 2378-2650 | 680  | 52461.987 | 99  |                |
| o8gn50060.1      | E230H-2513 | 020×020  | 2378-2650 | 680  | 52461.998 | 99  |                |
| o8gn50080.1      | E230H-2513 | 020×020  | 2378-2650 | 680  | 52461.975 | 0   |                |
| o3zx02070.1      | E230M-1978 | 020×020  | 1607-2365 | 1136 | 50710.636 | 100 |                |
| o45930040.1      | E230M-1978 | 020×020  | 1607-2365 | 430  | 50812.833 | 99  |                |
| o45931040.1      | E230M-1978 | 020×020  | 1607-2365 | 516  | 50953.914 | 99  |                |



Table 4—Continued

| (1)         | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|----------|-----------|------|-----------|-----|-----|
| o45932040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 51069.447 | 99  |     |
| o4dd15020_1 | E230M-1978 | 020×020  | 1607-2365 | 720  | 51150.947 | 100 |     |
| o45933040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 51193.080 | 99  |     |
| o45934040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 51320.437 | 99  |     |
| o5jj22040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 51492.940 | 99  |     |
| o5jj23040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 51679.162 | 99  |     |
| o69s19040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 51857.414 | 99  |     |
| o69s20040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 52147.162 | 99  |     |
| o6i819040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 52241.209 | 99  |     |
| o6i820040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 52421.460 | 99  |     |
| o8ia12040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 52579.301 | 99  |     |
| o8ia13040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 52762.439 | 99  |     |
| o8v560040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 52996.837 | 99  |     |
| o8v561040_1 | E230M-1978 | 020×020  | 1607-2365 | 516  | 53135.961 | 99  |     |
| o3zx02060_1 | E230M-2707 | 020×020  | 2275-3118 | 1085 | 50710.654 | 100 |     |
| o3zx02050_1 | E230M-2707 | 020×020  | 2275-3118 | 618  | 50710.703 | 100 |     |
| o45930050_1 | E230M-2707 | 020×020  | 2275-3117 | 365  | 50812.842 | 100 |     |
| o45931050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 50953.923 | 100 |     |
| o45932050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 51069.457 | 100 |     |
| o4dd15030_1 | E230M-2707 | 020×020  | 2274-3117 | 720  | 51150.959 | 100 |     |
| o45933050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 51193.090 | 100 |     |
| o45934050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 51320.446 | 100 |     |
| o5jj22050_1 | E230M-2707 | 020×020  | 2275-3117 | 438  | 51492.950 | 100 |     |
| o5jj23050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 51679.171 | 100 |     |
| o69s19050_1 | E230M-2707 | 020×020  | 2275-3117 | 438  | 51857.424 | 100 |     |
| o69s20050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 52147.172 | 100 |     |
| o6i819050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 52241.219 | 100 |     |
| o6i820050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 52421.469 | 100 |     |
| o8ia12050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 52579.310 | 100 |     |
| o8ia13050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 52762.449 | 100 |     |
| o8v560050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 52996.847 | 100 |     |
| o8v561050_1 | E230M-2707 | 020×020  | 2275-3118 | 438  | 53135.971 | 100 |     |
| o47k010c0_1 | E230M-2707 | 020×020F | 2275-3118 | 57   | 50678.384 | 100 |     |
| o47k010b0_1 | E230M-2707 | 020×020F | 2274-3117 | 50   | 50678.387 | 100 |     |
| o47k010a0_1 | E230M-2707 | 020×020F | 2275-3118 | 50   | 50678.389 | 100 |     |
| o47k01090_1 | E230M-2707 | 020×020F | 2275-3118 | 50   | 50678.392 | 100 |     |
| o47k01080_1 | E230M-2707 | 020×020F | 2275-3118 | 50   | 50678.394 | 100 |     |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)  | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|------|-----------|-----|----------------|
| o47k020s0_1      | E230M-2707 | 020×020F | 2275-3118 | 376  | 50712.597 | 100 | +0.00          |
| o47k020s0_2      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.603 | 100 | −1.11          |
| <b>o47k020s0</b> |            |          |           | 736  | 50712.597 | 100 | 2796.24 [0.25] |
| o47k020o0_1      | E230M-2707 | 020×020F | 2275-3118 | 150  | 50712.609 | 100 |                |
| o47k020n0_1      | E230M-2707 | 020×020F | 2275-3118 | 593  | 50712.613 | 100 |                |
| o47k020r0_1      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.652 | 100 | +0.00          |
| o47k020r0_2      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.658 | 100 | −0.28          |
| o47k020r0_3      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.664 | 100 | −0.36          |
| <b>o47k020r0</b> |            |          |           | 1080 | 50712.652 | 100 | 2796.24 [0.25] |
| o47k020m0_1      | E230M-2707 | 020×020F | 2274-3117 | 338  | 50712.676 | 100 |                |
| o47k020l0_1      | E230M-2707 | 020×020F | 2274-3117 | 120  | 50712.681 | 100 |                |
| o47k020q0_1      | E230M-2707 | 020×020F | 2274-3117 | 387  | 50712.720 | 100 | +0.00          |
| o47k020q0_2      | E230M-2707 | 020×020F | 2274-3117 | 360  | 50712.726 | 100 | +0.08          |
| o47k020q0_3      | E230M-2707 | 020×020F | 2274-3117 | 360  | 50712.732 | 100 | +0.07          |
| o47k020q0_4      | E230M-2707 | 020×020F | 2274-3117 | 360  | 50712.737 | 100 | −0.76          |
| <b>o47k020q0</b> |            |          |           | 1467 | 50712.720 | 100 | 2796.24 [0.25] |
| o47k020k0_1      | E230M-2707 | 020×020F | 2274-3117 | 600  | 50712.743 | 100 |                |
| o47k020p0_1      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.793 | 100 | +0.00          |
| o47k020p0_2      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.799 | 100 | −0.57          |
| o47k020p0_3      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.805 | 100 | −1.48          |
| o47k020p0_4      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.810 | 100 | −1.93          |
| <b>o47k020p0</b> |            |          |           | 1440 | 50712.793 | 100 | 2796.24 [0.25] |
| o47k020j0_1      | E230M-2707 | 020×020F | 2275-3118 | 110  | 50712.816 | 100 |                |
| o47k020i0_1      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50712.854 | 100 |                |
| o47k020h0_1      | E230M-2707 | 020×020F | 2275-3118 | 120  | 50712.860 | 100 |                |
| o47k020g0_1      | E230M-2707 | 020×020F | 2275-3118 | 600  | 50712.863 | 100 |                |
| o47k020f0_1      | E230M-2707 | 020×020F | 2275-3118 | 605  | 50712.878 | 100 |                |
| o47k030g0_1      | E230M-2707 | 020×020F | 2275-3118 | 384  | 50713.539 | 100 | +0.00          |
| o47k030g0_2      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50713.545 | 100 | −0.93          |
| o47k030g0_3      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50713.551 | 100 | −2.19          |
| <b>o47k030g0</b> |            |          |           | 1104 | 50713.539 | 100 | 2796.24 [0.25] |
| o47k030c0_1      | E230M-2707 | 020×020F | 2275-3118 | 360  | 50713.556 | 100 |                |

Table 4—Continued

| (1)              | (2)        | (3)      | (4)       | (5)   | (6)       | (7) | (8)            |
|------------------|------------|----------|-----------|-------|-----------|-----|----------------|
| o47k030f0_1      | E230M-2707 | 020×020F | 2275-3118 | 360   | 50713.593 | 100 | +0.00          |
| o47k030f0_2      | E230M-2707 | 020×020F | 2275-3118 | 360   | 50713.599 | 100 | −0.06          |
| <b>o47k030f0</b> |            |          |           | 720   | 50713.593 | 100 | 2796.24 [0.25] |
| o47k030e0_1      | E230M-2707 | 020×020F | 2274-3117 | 370   | 50713.611 | 100 | +0.00          |
| o47k030e0_2      | E230M-2707 | 020×020F | 2274-3117 | 304   | 50713.617 | 100 | −1.14          |
| <b>o47k030e0</b> |            |          |           | 674   | 50713.611 | 100 | 2796.24 [0.25] |
| o47k030b0_1      | E230M-2707 | 020×020F | 2274-3117 | 150   | 50713.622 | 100 |                |
| o47k030d0_1      | E230M-2707 | 020×020F | 2274-3117 | 360   | 50713.661 | 100 | +0.00          |
| o47k030d0_2      | E230M-2707 | 020×020F | 2274-3117 | 360   | 50713.666 | 100 | +0.21          |
| o47k030d0_3      | E230M-2707 | 020×020F | 2274-3117 | 360   | 50713.672 | 100 | −0.43          |
| <b>o47k030d0</b> |            |          |           | 1080  | 50713.661 | 100 | 2796.24 [0.25] |
| o47k030a0_1      | E230M-2707 | 020×020F | 2274-3117 | 600   | 50713.678 | 100 |                |
| o47k03090_1      | E230M-2707 | 020×020F | 2274-3117 | 363   | 50713.687 | 100 |                |
| WD2152-548       |            |          |           |       |           |     |                |
| o4g105010_1      | E140M-1425 | 020×009  | 1140-1709 | 2171  | 51321.362 | 97  |                |
| WD2218+706       |            |          |           |       |           |     |                |
| o59p04010_1      | E140M-1425 | 020×020  | 1140-1729 | 5160  | 51454.496 | 95  | +0.00          |
| o59p04010_2      | E140M-1425 | 020×020  | 1140-1729 | 5160  | 51454.558 | 95  | +0.96          |
| o59p04010_3      | E140M-1425 | 020×020  | 1140-1729 | 5160  | 51454.621 | 95  | +0.02          |
| <b>o59p04010</b> |            |          |           | 15480 | 51454.496 | 96  | 1302.12 [0.13] |
| WD2226-210       |            |          |           |       |           |     |                |
| o64d05010_1      | E140M-1425 | 020×020  | 1140-1729 | 2265  | 51866.243 | 97  |                |
| o64d05020_1      | E140M-1425 | 020×020  | 1140-1729 | 2900  | 51866.302 | 97  |                |
| WD2309+105       |            |          |           |       |           |     |                |
| o4g102020_1      | E140H-1271 | 020×009  | 1160-1356 | 2420  | 51137.972 | 99  |                |
| o4g102010_1      | E140M-1425 | 020×009  | 1140-1729 | 1699  | 51137.912 | 98  |                |

Table 4—Continued

| (1)                         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-----------------------------|------------|---------|-----------|------|-----------|-----|-----|
| WD2342+806                  |            |         |           |      |           |     |     |
| o5f201010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2788 | 51463.478 | 97  |     |
| o5f201020_1                 | E140M-1425 | 020×020 | 1140-1729 | 3271 | 51463.539 | 97  |     |
| o5f202010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2788 | 51464.483 | 97  |     |
| WX-CET                      |            |         |           |      |           |     |     |
| o5b604010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2139 | 51847.301 | 0   |     |
| o5b604020_1                 | E140M-1425 | 020×020 | 1140-1729 | 2580 | 51847.358 | 0   |     |
| o5b604030_1                 | E140M-1425 | 020×020 | 1140-1729 | 2580 | 51847.425 | 0   |     |
| WZ-SGE [VAR several epochs] |            |         |           |      |           |     |     |
| o6j711030_1                 | E140M-1425 | 020×006 | 1140-1729 | 548  | 52129.643 | 97  |     |
| o6j711040_1                 | E140M-1425 | 020×006 | 1140-1729 | 2756 | 52129.682 | 98  |     |
| o6j712030_1                 | E140M-1425 | 020×006 | 1140-1729 | 593  | 52129.777 | 97  |     |
| o6j712040_1                 | E140M-1425 | 020×006 | 1140-1729 | 2850 | 52129.816 | 98  |     |
| o6j723030_1                 | E140M-1425 | 020×020 | 1140-1729 | 1180 | 52140.272 | 94  |     |
| o6j723040_1                 | E140M-1425 | 020×020 | 1140-1729 | 2730 | 52140.319 | 96  |     |
| o6j724030_1                 | E140M-1425 | 020×020 | 1140-1729 | 1180 | 52140.406 | 92  |     |
| o6j724040_1                 | E140M-1425 | 020×020 | 1140-1729 | 2730 | 52140.453 | 96  |     |
| o6j725030_1                 | E140M-1425 | 020×020 | 1140-1729 | 1180 | 52143.281 | 97  |     |
| o6j725040_1                 | E140M-1425 | 020×020 | 1140-1729 | 2730 | 52143.329 | 98  |     |
| o6j726030_1                 | E140M-1425 | 020×020 | 1140-1729 | 1180 | 52143.415 | 97  |     |
| o6j726040_1                 | E140M-1425 | 020×020 | 1140-1729 | 2730 | 52143.463 | 98  |     |
| o6jl01010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2330 | 52163.127 | 95  |     |
| o6jl02010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2330 | 52192.540 | 90  |     |
| o6jl03010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2330 | 52223.490 | 87  |     |
| o6jl04010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2330 | 52254.024 | 84  |     |
| o6nf01010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2300 | 52379.430 | 76  |     |
| o6nf01020_1                 | E140M-1425 | 020×020 | 1140-1729 | 2850 | 52379.490 | 79  |     |
| o6nf03010_1                 | E140M-1425 | 020×020 | 1140-1709 | 2300 | 52430.326 | 74  |     |
| o6nf03020_1                 | E140M-1425 | 020×020 | 1140-1709 | 2850 | 52430.386 | 77  |     |
| o6nf06010_1                 | E140M-1425 | 020×020 | 1140-1729 | 2300 | 52513.662 | 73  |     |
| o6nf06020_1                 | E140M-1425 | 020×020 | 1140-1729 | 2850 | 52513.721 | 74  |     |

Table 4—Continued

| (1)         | (2)        | (3)     | (4)       | (5)  | (6)       | (7) | (8) |
|-------------|------------|---------|-----------|------|-----------|-----|-----|
| o6nf04010_1 | E140M-1425 | 020×020 | 1140-1729 | 2300 | 52579.086 | 69  |     |
| o6nf04020_1 | E140M-1425 | 020×020 | 1140-1729 | 2850 | 52579.144 | 72  |     |
| o6nf05010_1 | E140M-1425 | 020×020 | 1140-1729 | 2300 | 52721.201 | 68  |     |
| o6nf05020_1 | E140M-1425 | 020×020 | 1140-1729 | 2850 | 52721.261 | 69  |     |
| o6nf02010_1 | E140M-1425 | 020×020 | 1140-1729 | 2300 | 53197.266 | 60  |     |
| o6nf02020_1 | E140M-1425 | 020×020 | 1140-1729 | 2850 | 53197.326 | 63  |     |
| o6nf02040_1 | E140M-1425 | 020×020 | 1140-1729 | 2850 | 53197.459 | 58  |     |
| o6nf02050_1 | E140M-1425 | 020×020 | 1140-1729 | 2850 | 53197.526 | 56  |     |
| o6j711010_1 | E230M-1978 | 020×006 | 1607-2365 | 144  | 52129.631 | 91  |     |
| o6j712010_1 | E230M-1978 | 020×006 | 1607-2365 | 144  | 52129.765 | 91  |     |
| o6j723010_1 | E230M-1978 | 020×020 | 1607-2365 | 120  | 52140.260 | 56  |     |
| o6j724010_1 | E230M-1978 | 020×020 | 1607-2365 | 120  | 52140.394 | 57  |     |
| o6j725010_1 | E230M-1978 | 020×020 | 1607-2365 | 120  | 52143.270 | 83  |     |
| o6j726010_1 | E230M-1978 | 020×020 | 1607-2365 | 120  | 52143.404 | 83  |     |
| o6j711020_1 | E230M-2707 | 020×006 | 2275-3119 | 144  | 52129.637 | 99  |     |
| o6j712020_1 | E230M-2707 | 020×006 | 2275-3119 | 144  | 52129.770 | 100 |     |
| o6j723020_1 | E230M-2707 | 020×020 | 2275-3119 | 120  | 52140.266 | 97  |     |
| o6j724020_1 | E230M-2707 | 020×020 | 2275-3119 | 120  | 52140.399 | 97  |     |
| o6j725020_1 | E230M-2707 | 020×020 | 2275-3119 | 120  | 52143.275 | 100 |     |
| o6j726020_1 | E230M-2707 | 020×020 | 2275-3119 | 120  | 52143.409 | 100 |     |
| YZ-CMI      |            |         |           |      |           |     |     |
| o59k01010_1 | E230M-2707 | 020×020 | 2275-3118 | 1920 | 51579.734 | 15  |     |
| o59k01020_1 | E230M-2707 | 020×020 | 2275-3118 | 2400 | 51579.789 | 19  |     |
| o59k01030_1 | E230M-2707 | 020×020 | 2275-3118 | 2400 | 51579.856 | 17  |     |
| o59k01040_1 | E230M-2707 | 020×020 | 2275-3118 | 2324 | 51579.923 | 22  |     |
| o59k01050_1 | E230M-2707 | 020×020 | 2275-3118 | 2237 | 51579.990 | 15  |     |
| o59k01060_1 | E230M-2707 | 020×020 | 2275-3118 | 2156 | 51580.057 | 19  |     |

Note. — Objects now are listed alphabetically. This is complete list of STIS echelle exposures incorporated in StarCAT. Multiple subexposures, if any, are explicitly identified (by x1d.fits extension number) and grouped together, followed by name of coadded spectrum (and its properties). “Modified JD” in column (6) is JD−2,400,000. Quality factor (“Qual.”) in column (7) is percentage of valid flux points  $\geq 2.5\sigma$  with respect to local photometric error (per resol): fewer than 1% should exceed this significance

level by chance (one-sided Gaussian  $\sigma$ ). In column (8), values for the subexposures are derived cross-correlation shifts, expressed in equivalent velocities ( $\text{km s}^{-1}$ ): leading spectrum has  $v \equiv 0$  by definition. For the coadded spectrum, first value in column (8), if any, is wavelength ( $\text{\AA}$ ) of cross-correlation template feature, followed (parenthetically) by half-width of correlation band (also in  $\text{\AA}$ ). If template parameters are not reported, a blind coaddition was performed (all shifts set to zero).