

GOMOS Daily Report 10-AUG-2008

Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM_TRA_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

| Item | Value |
|---------------------------|--------------------|
| Time of report generation | 12AUG2008 05:32:11 |
| Data source version | GOMOS/5.00 |
| Start time of products | 10AUG2008 00:04:17 |
| Stop time of products | 10AUG2008 04:31:33 |
| Store outputs in DB | Yes |
| Nb of level 1b prods | 49 |
| Nb of prods with errors | 1 |

2. Summary of products arrived in PCF (Product Control Facility)

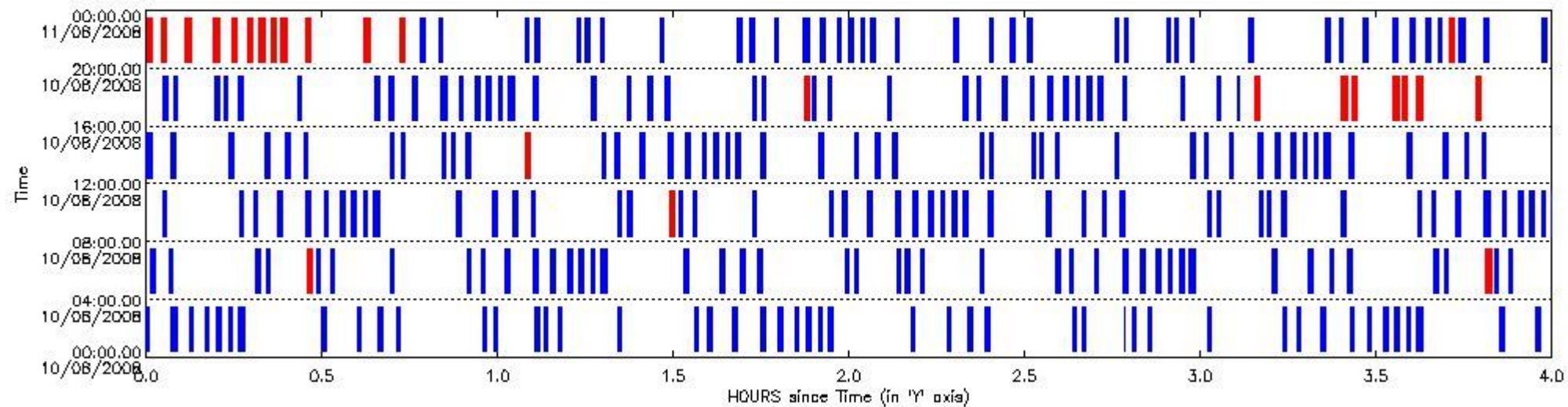
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



2.3 Summary of missing occultations (red segments in previous plot)

| UTC start time | Star name | Star ID | Orbit |
|----------------------|-----------|---------|-------|
| 10-AUG-2008 04:27:32 | 3AlpLyr | 5 | 33697 |
| 10-AUG-2008 07:48:44 | 3AlpLyr | 5 | 33699 |
| 10-AUG-2008 09:29:21 | 3AlpLyr | 5 | 33700 |
| 10-AUG-2008 13:04:42 | 1AlpUMi | 49 | 33702 |
| 10-AUG-2008 17:52:21 | 3AlpLyr | 5 | 33705 |
| 10-AUG-2008 19:09:15 | GamGru | 172 | 33706 |
| 10-AUG-2008 19:24:06 | 53AlpAql | 11 | 33706 |
| 10-AUG-2008 19:25:49 | 17ZetAql | 168 | 33706 |
| 10-AUG-2008 19:32:57 | 3AlpLyr | 5 | 33706 |
| 10-AUG-2008 19:34:23 | 18DelCyg | 144 | 33706 |
| 10-AUG-2008 19:36:57 | 33GamDra | 69 | 33706 |
| 10-AUG-2008 19:47:06 | 1AlpUMi | 49 | 33706 |
| 10-AUG-2008 20:00:07 | 34BetAur | 42 | 33706 |
| 10-AUG-2008 20:02:28 | 37TheAur | 107 | 33706 |
| 10-AUG-2008 20:06:38 | 13MuGem | 151 | 33706 |

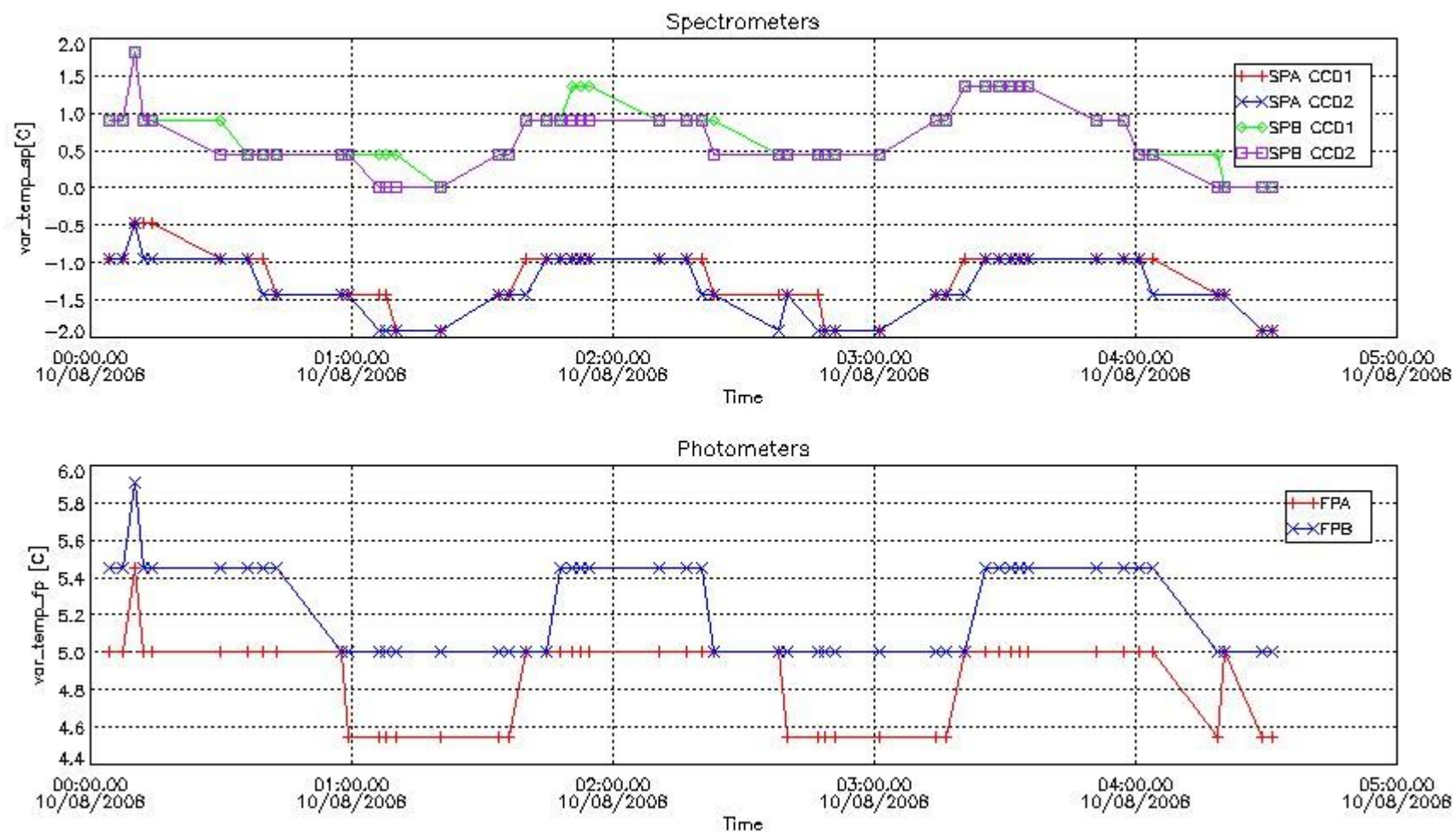
| | | | |
|----------------------|----------|-----|-------|
| 10-AUG-2008 20:11:31 | 58AlpOri | 14 | 33706 |
| 10-AUG-2008 20:14:31 | 46EpsOri | 30 | 33706 |
| 10-AUG-2008 20:17:16 | 9AlpCMa | 1 | 33706 |
| 10-AUG-2008 20:19:18 | 11AlpLep | 101 | 33706 |
| 10-AUG-2008 20:21:18 | 1ZetCMa | 177 | 33706 |
| 10-AUG-2008 20:22:57 | DSA1059 | 0 | 33706 |
| 10-AUG-2008 20:27:15 | AlpCar | 2 | 33706 |
| 10-AUG-2008 20:37:10 | AlpEri | 9 | 33707 |
| 10-AUG-2008 20:43:19 | AlpTuc | 148 | 33707 |
| 10-AUG-2008 23:42:30 | 1ZetCMa | 177 | 33708 |

2.4 Summary of processed GOM_TRA_1P products

| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_TRA_1PNPDE20080810_000417_000000512071_00073_33694_3170.N1 | 10-AUG-2008 00:04:17 | Dark | 51.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 102 | 33694 | No |
| 2 | GOM_TRA_1PNPDE20080810_000716_000000442071_00073_33694_3171.N1 | 10-AUG-2008 00:07:16 | Dark | 43.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 87 | 33694 | No |
| 3 | GOM_TRA_1PNPDE20080810_001004_000000382071_00073_33694_3314.N1 | 10-AUG-2008 00:10:04 | Dark | 38.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 76 | 33694 | Yes |
| 4 | GOM_TRA_1PNPDE20080810_001202_000000462071_00073_33694_3315.N1 | 10-AUG-2008 00:12:02 | Dark | 46.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 92 | 33694 | No |
| 5 | GOM_TRA_1PNPDE20080810_001405_000000382071_00073_33694_3316.N1 | 10-AUG-2008 00:14:05 | Dark | 37.500 | 177 | 1Zet CMa | 3.0220 | 26000. | 75 | 33694 | No |
| 6 | GOM_TRA_1PNPDE20080810_002953_000000532071_00074_33695_3317.N1 | 10-AUG-2008 00:29:53 | Dark | 52.500 | 9 | Alp Eri | 0.45300 | 24000. | 105 | 33695 | No |
| 7 | GOM_TRA_1PNPDE20080810_003605_000000382071_00074_33695_3318.N1 | 10-AUG-2008 00:36:05 | Straylight | 37.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 75 | 33695 | No |
| 8 | GOM_TRA_1PNPDE20080810_003936_000000412071_00074_33695_3319.N1 | 10-AUG-2008 00:39:36 | Straylight | 40.500 | 31 | Alp Gru | 1.7340 | 15200. | 81 | 33695 | No |
| 9 | GOM_TRA_1PNPDE20080810_004238_000000422071_00074_33695_3320.N1 | 10-AUG-2008 00:42:38 | Straylight | 42.000 | 172 | Gam Gru | 3.0030 | 13100. | 84 | 33695 | No |
| 10 | GOM_TRA_1PNPDE20080810_005732_000000362071_00074_33695_3321.N1 | 10-AUG-2008 00:57:32 | Bright | 35.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 71 | 33695 | No |
| 11 | GOM_TRA_1PNPDE20080810_005914_000000342071_00074_33695_3322.N1 | 10-AUG-2008 00:59:14 | Bright | 34.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 68 | 33695 | No |
| 12 | GOM_TRA_1PNPDE20080810_010622_000000392071_00074_33695_3323.N1 | 10-AUG-2008 01:06:22 | Bright | 38.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 77 | 33695 | No |
| 13 | GOM_TRA_1PNPDE20080810_010751_000000352071_00074_33695_3324.N1 | 10-AUG-2008 01:07:51 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 33695 | No |
| 14 | GOM_TRA_1PNPDE20080810_011020_000000372071_00074_33695_3325.N1 | 10-AUG-2008 01:10:20 | Bright | 36.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 73 | 33695 | No |
| 15 | GOM_TRA_1PNPDE20080810_012033_000000342071_00074_33695_3326.N1 | 10-AUG-2008 01:20:33 | Bright | 33.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 67 | 33695 | No |
| 16 | GOM_TRA_1PNPDE20080810_013333_000000362071_00074_33695_3327.N1 | 10-AUG-2008 01:33:33 | Bright | 36.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 72 | 33695 | No |
| 17 | GOM_TRA_1PNPDE20080810_013554_000000382071_00074_33695_3328.N1 | 10-AUG-2008 01:35:54 | Bright | 38.000 | 107 | 37The Aur | 2.6490 | 11000. | 76 | 33695 | No |
| 18 | GOM_TRA_1PNPDE20080810_014003_000000472071_00074_33695_3329.N1 | 10-AUG-2008 01:40:03 | Bright | 46.500 | 151 | 13Mu Gem | 2.8900 | 3000.0 | 93 | 33695 | No |
| 19 | GOM_TRA_1PNPDE20080810_014453_000000562071_00074_33695_3330.N1 | 10-AUG-2008 01:44:53 | Dark | 56.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 112 | 33695 | No |
| 20 | GOM_TRA_1PNPDE20080810_014753_000000422071_00074_33695_3331.N1 | 10-AUG-2008 01:47:53 | Dark | 41.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 83 | 33695 | No |
| 21 | GOM_TRA_1PNPDE20080810_015040_000000432071_00074_33695_3459.N1 | 10-AUG-2008 01:50:40 | Dark | 42.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 85 | 33695 | No |
| 22 | GOM_TRA_1PNPDE20080810_015238_000000432071_00074_33695_3460.N1 | 10-AUG-2008 01:52:38 | Dark | 43.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 86 | 33695 | No |
| 23 | GOM_TRA_1PNPDE20080810_015441_000000402071_00074_33695_3461.N1 | 10-AUG-2008 01:54:41 | Dark | 39.500 | 177 | 1Zet CMa | 3.0220 | 26000. | 79 | 33695 | No |
| 24 | GOM_TRA_1PNPDE20080810_021029_000000442071_00075_33696_3462.N1 | 10-AUG-2008 02:10:29 | Dark | 44.000 | 9 | Alp Eri | 0.45300 | 24000. | 88 | 33696 | No |
| 25 | GOM_TRA_1PNPDE20080810_021642_000000412071_00075_33696_3463.N1 | 10-AUG-2008 02:16:42 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 33696 | No |
| 26 | GOM_TRA_1PNPDE20080810_022012_000000472071_00075_33696_3464.N1 | 10-AUG-2008 02:20:12 | Straylight | 46.500 | 31 | Alp Gru | 1.7340 | 15200. | 93 | 33696 | No |
| 27 | GOM_TRA_1PNPDE20080810_022314_000000432071_00075_33696_3465.N1 | 10-AUG-2008 02:23:14 | Straylight | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 33696 | No |
| 28 | GOM_TRA_1PNPDE20080810_023808_000000372071_00075_33696_3466.N1 | 10-AUG-2008 02:38:08 | Bright | 36.500 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 73 | 33696 | No |
| 29 | GOM_TRA_1PNPDE20080810_023950_000000362071_00075_33696_3467.N1 | 10-AUG-2008 02:39:50 | Bright | 36.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 72 | 33696 | No |
| 30 | GOM_TRA_1PNPDE20080810_024658_000000052071_00075_33696_3468.N1 | 10-AUG-2008 02:46:58 | Straylight | 5.0000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 10 | 33696 | No |
| 31 | GOM_TRA_1PNPDE20080810_024826_000000362071_00075_33696_3469.N1 | 10-AUG-2008 02:48:26 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 33696 | No |
| 32 | GOM_TRA_1PNPDE20080810_025056_000000372071_00075_33696_3470.N1 | 10-AUG-2008 02:50:56 | Bright | 36.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 73 | 33696 | No |
| 33 | GOM_TRA_1PNPDE20080810_030109_000000352071_00075_33696_3471.N1 | 10-AUG-2008 03:01:09 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 33696 | No |
| 34 | GOM_TRA_1PNPDE20080810_031409_000000362071_00075_33696_3602.N1 | 10-AUG-2008 03:14:09 | Bright | 35.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 71 | 33696 | No |
| 35 | GOM_TRA_1PNPDE20080810_031630_000000382071_00075_33696_3603.N1 | 10-AUG-2008 03:16:30 | Bright | 37.500 | 107 | 37The Aur | 2.6490 | 11000. | 75 | 33696 | No |
| 36 | GOM_TRA_1PNPDE20080810_032039_000000482071_00075_33696_3604.N1 | 10-AUG-2008 03:20:39 | Bright | 48.000 | 151 | 13Mu Gem | 2.8900 | 3000.0 | 96 | 33696 | No |
| 37 | GOM_TRA_1PNPDE20080810_032530_000000422071_00075_33696_3605.N1 | 10-AUG-2008 03:25:30 | Dark | 42.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 84 | 33696 | No |
| 38 | GOM_TRA_1PNPDE20080810_032829_000000442071_00075_33696_3606.N1 | 10-AUG-2008 03:28:29 | Dark | 44.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 88 | 33696 | No |
| 39 | GOM_TRA_1PNPDE20080810_033116_000000452071_00075_33696_3607.N1 | 10-AUG-2008 03:31:16 | Dark | 44.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 89 | 33696 | No |
| 40 | GOM_TRA_1PNPDE20080810_033315_000000442071_00075_33696_3608.N1 | 10-AUG-2008 03:33:15 | Dark | 44.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 88 | 33696 | No |
| 41 | GOM_TRA_1PNPDE20080810_033517_000000372071_00075_33696_3609.N1 | 10-AUG-2008 03:35:17 | Dark | 37.000 | 177 | 1Zet CMa | 3.0220 | 26000. | 74 | 33696 | No |
| 42 | GOM_TRA_1PNPDE20080810_035106_000000442071_00076_33697_3610.N1 | 10-AUG-2008 03:51:06 | Dark | 43.500 | 9 | Alp Eri | 0.45300 | 24000. | 87 | 33697 | No |
| 43 | GOM_TRA_1PNPDE20080810_035718_000000442071_00076_33697_3611.N1 | 10-AUG-2008 03:57:18 | Straylight | 44.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 88 | 33697 | No |
| 44 | GOM_TRA_1PNPDE20080810_040048_000000432071_00076_33697_3612.N1 | 10-AUG-2008 04:00:48 | Straylight | 42.500 | 31 | Alp Gru | 1.7340 | 15200. | 85 | 33697 | No |

| | | | | | | | | | | | |
|----|--|----------------------|------------|--------|-----|-----------|---------|--------|----|-------|----|
| 45 | GOM_TRA_1PNPDE20080810_040351_000000442071_00076_33697_3613.N1 | 10-AUG-2008 04:03:51 | Straylight | 43.500 | 172 | Gam Gru | 3.0030 | 13100. | 87 | 33697 | No |
| 46 | GOM_TRA_1PNPDE20080810_041844_000000372071_00076_33697_3614.N1 | 10-AUG-2008 04:18:44 | Bright | 37.000 | 11 | 53Alp Aql | 0.76500 | 8000.0 | 74 | 33697 | No |
| 47 | GOM_TRA_1PNPDE20080810_042026_000000352071_00076_33697_3615.N1 | 10-AUG-2008 04:20:26 | Bright | 34.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 69 | 33697 | No |
| 48 | GOM_TRA_1PNPDE20080810_042902_000000362071_00076_33697_3616.N1 | 10-AUG-2008 04:29:02 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 33697 | No |
| 49 | GOM_TRA_1PNPDE20080810_043133_000000362071_00076_33697_3617.N1 | 10-AUG-2008 04:31:33 | Bright | 35.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 71 | 33697 | No |

3. Plot of GOMOS spectrometers and photometers temperatures from level 1b data



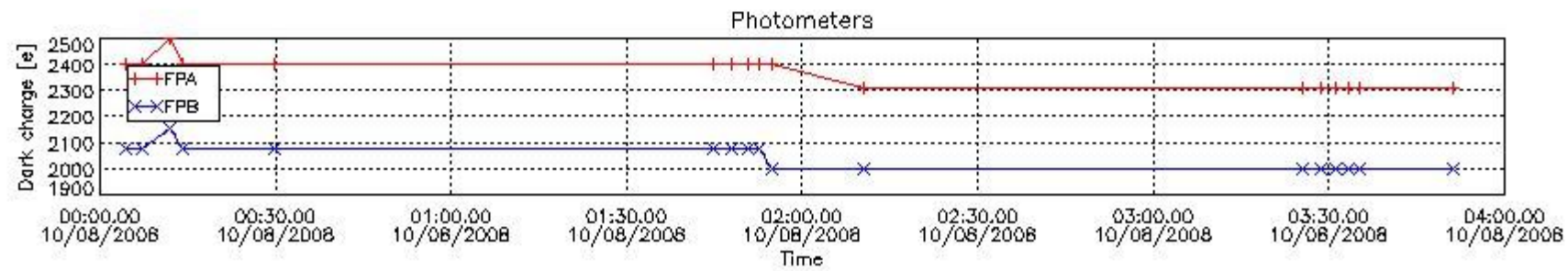
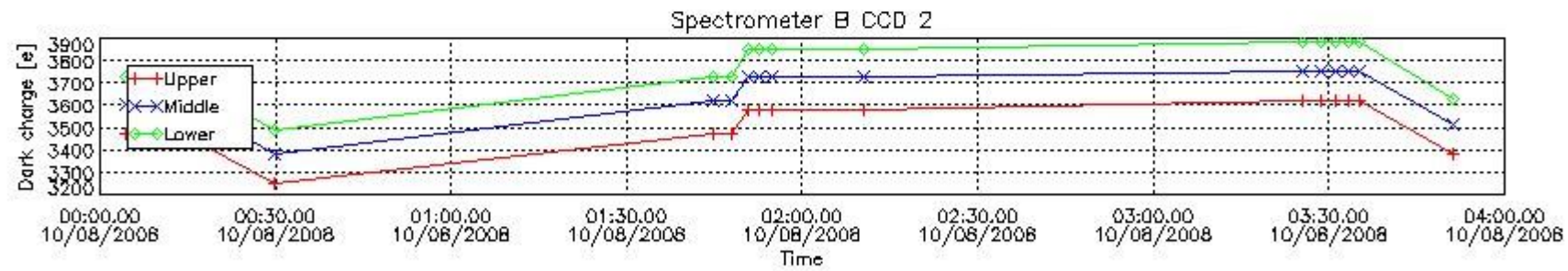
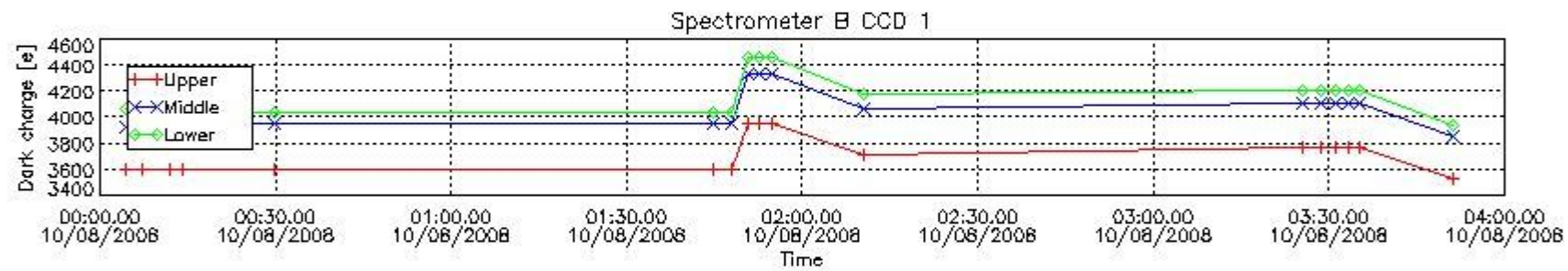
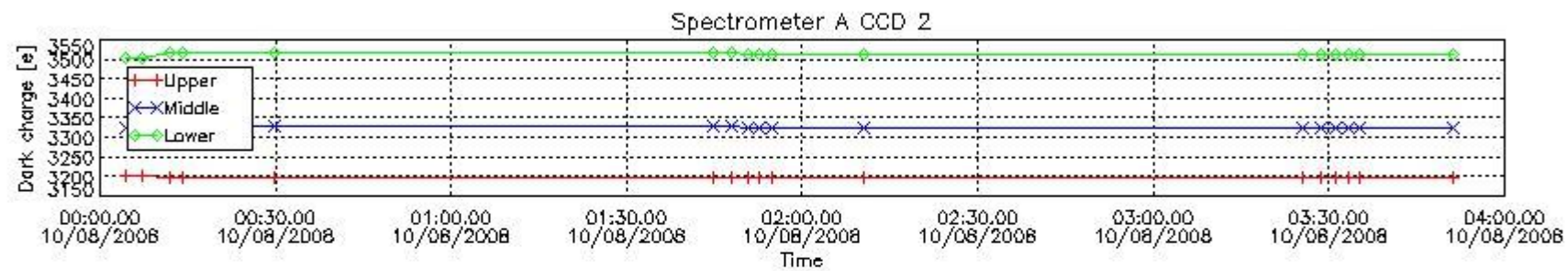
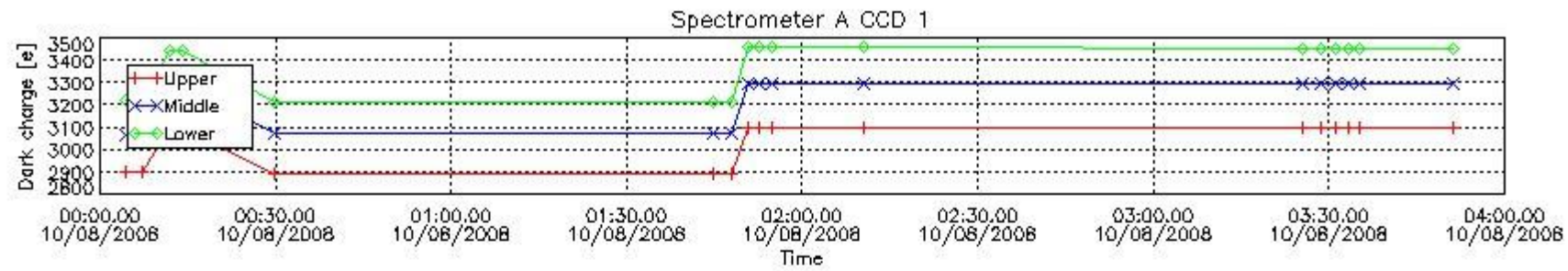
4. Overview of dark signal processing per product

The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

4.1 All products used the DSA observation for the DC computation

4.2 Plot of mean dark charges per product: only products in DARK limb conditions without errors are used



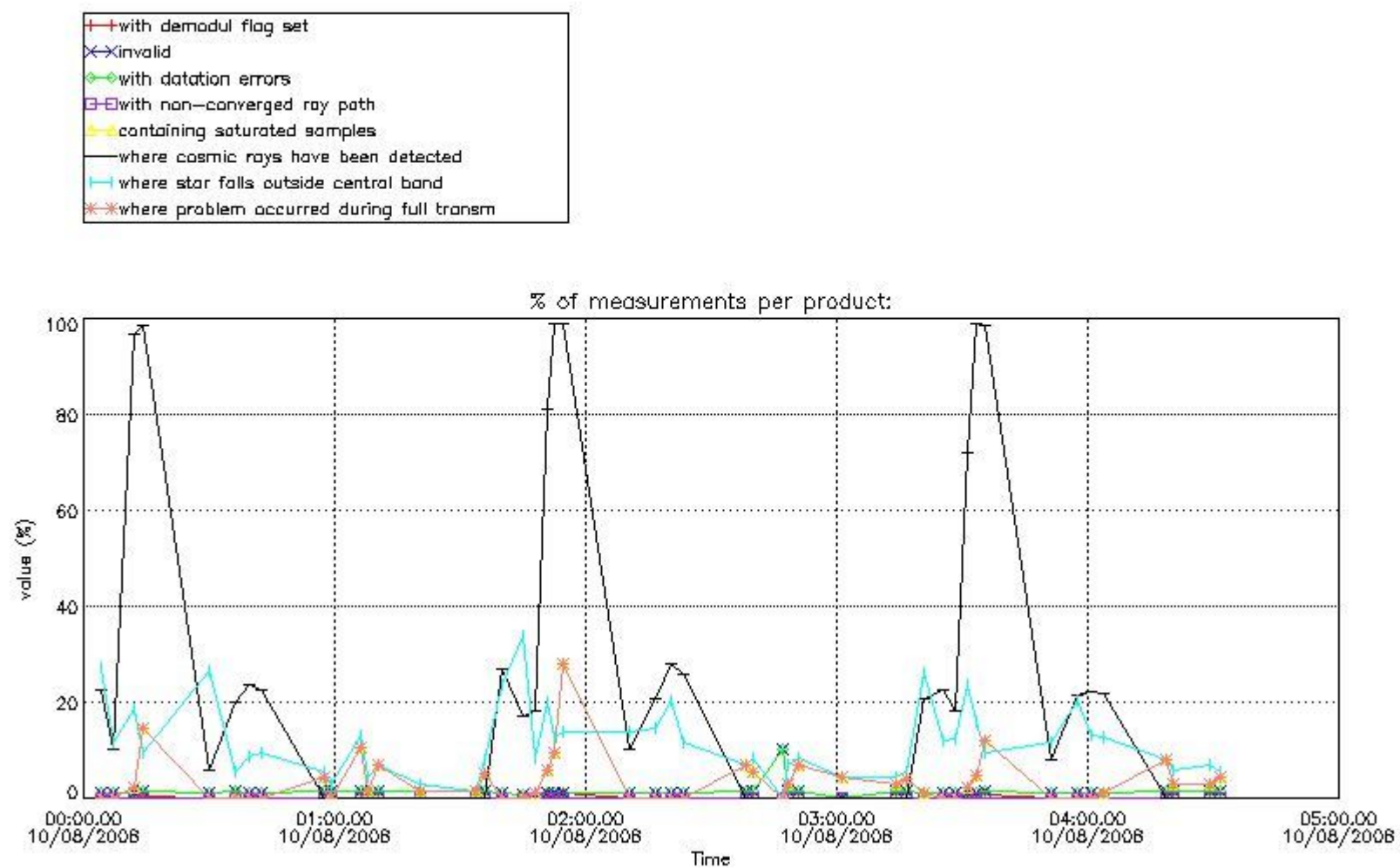
5. Demodulation flag and quality information monitoring

In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

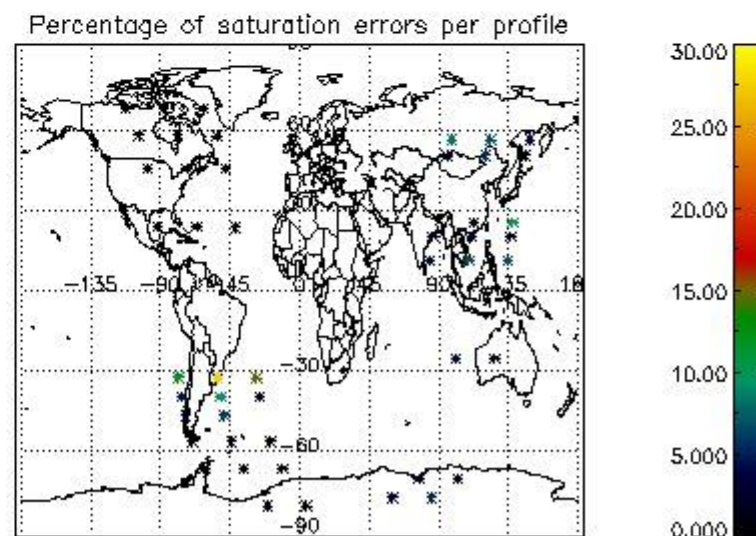
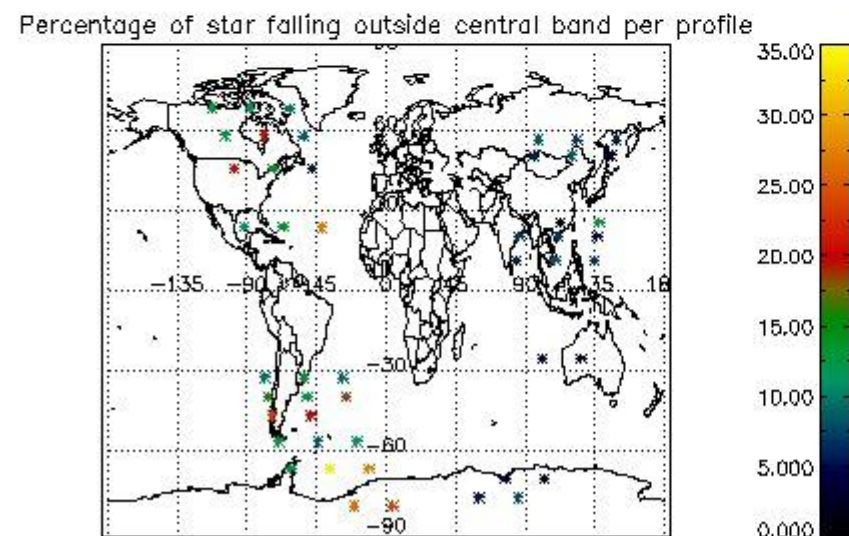
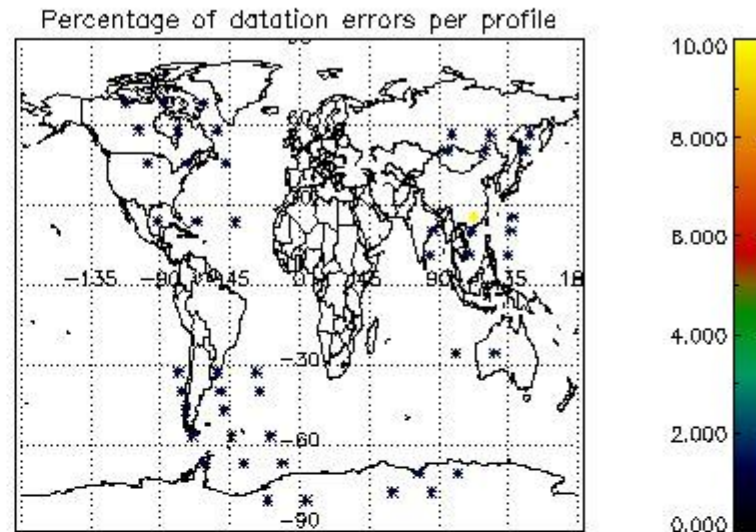
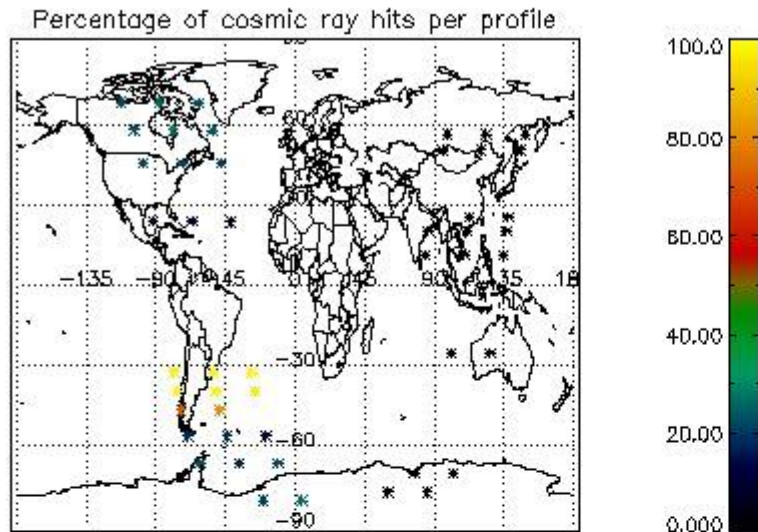
5.1 Percentage of products during reporting period with:

| | |
|---|-----------|
| At least one measurement with demodulation flag set: | 27.0833 % |
| Reference spectrum computed from DB: | 0.00000 % |
| Reference spectrum with small number of measurements: | 0.00000 % |
| SATU data not used: | 0.00000 % |

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



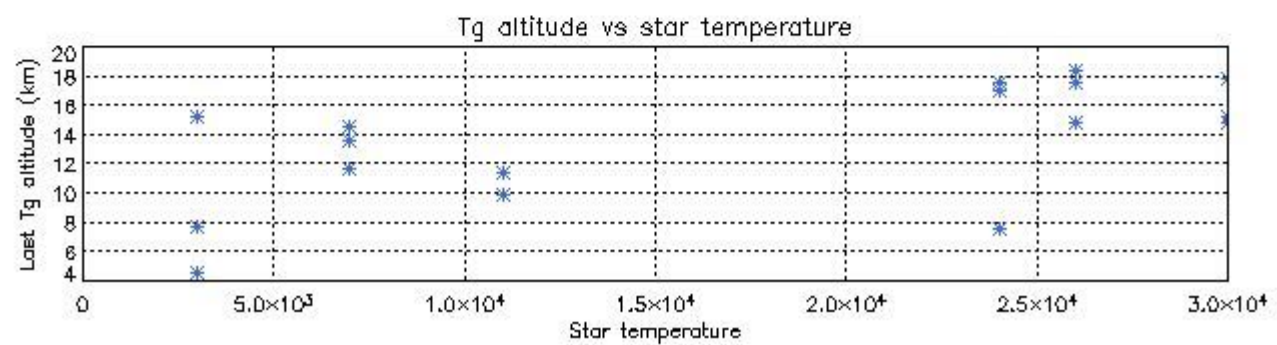
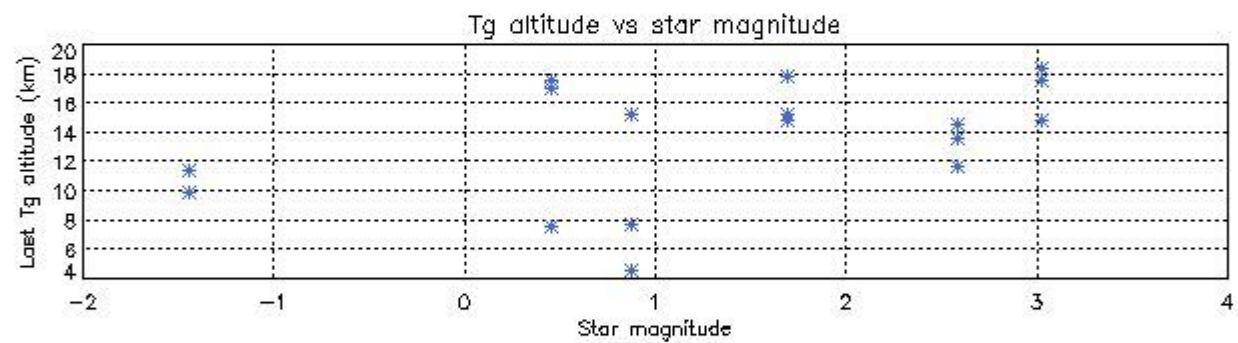
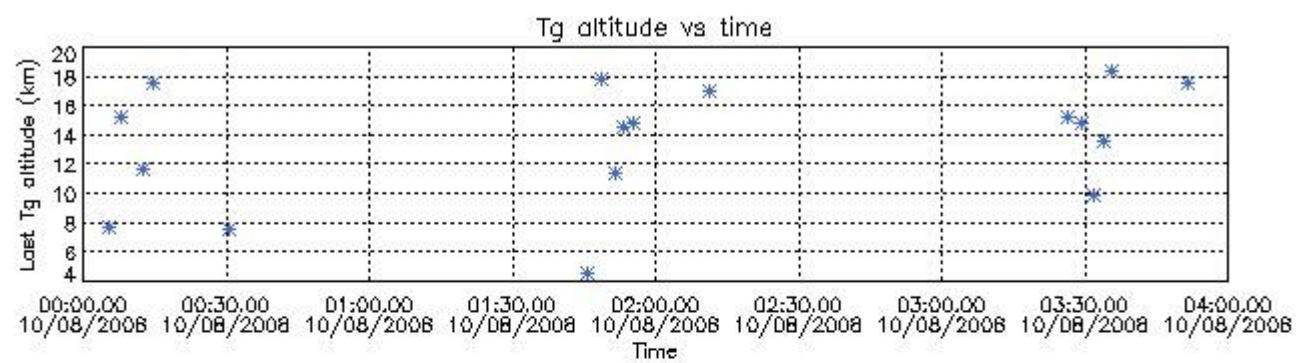
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

| Statistics | DARK | BRIGHT | TWILIGHT |
|-----------------|--------|--------|----------|
| Mean: | 13.480 | 20.408 | NaN |
| St. deviation: | 4.0813 | 4.4440 | NaN |
| Maximum: | 18.346 | 25.855 | NaN |
| Minimum: | 4.5881 | 8.3370 | NaN |
| Number of data: | 17.000 | 21.000 | NaN |

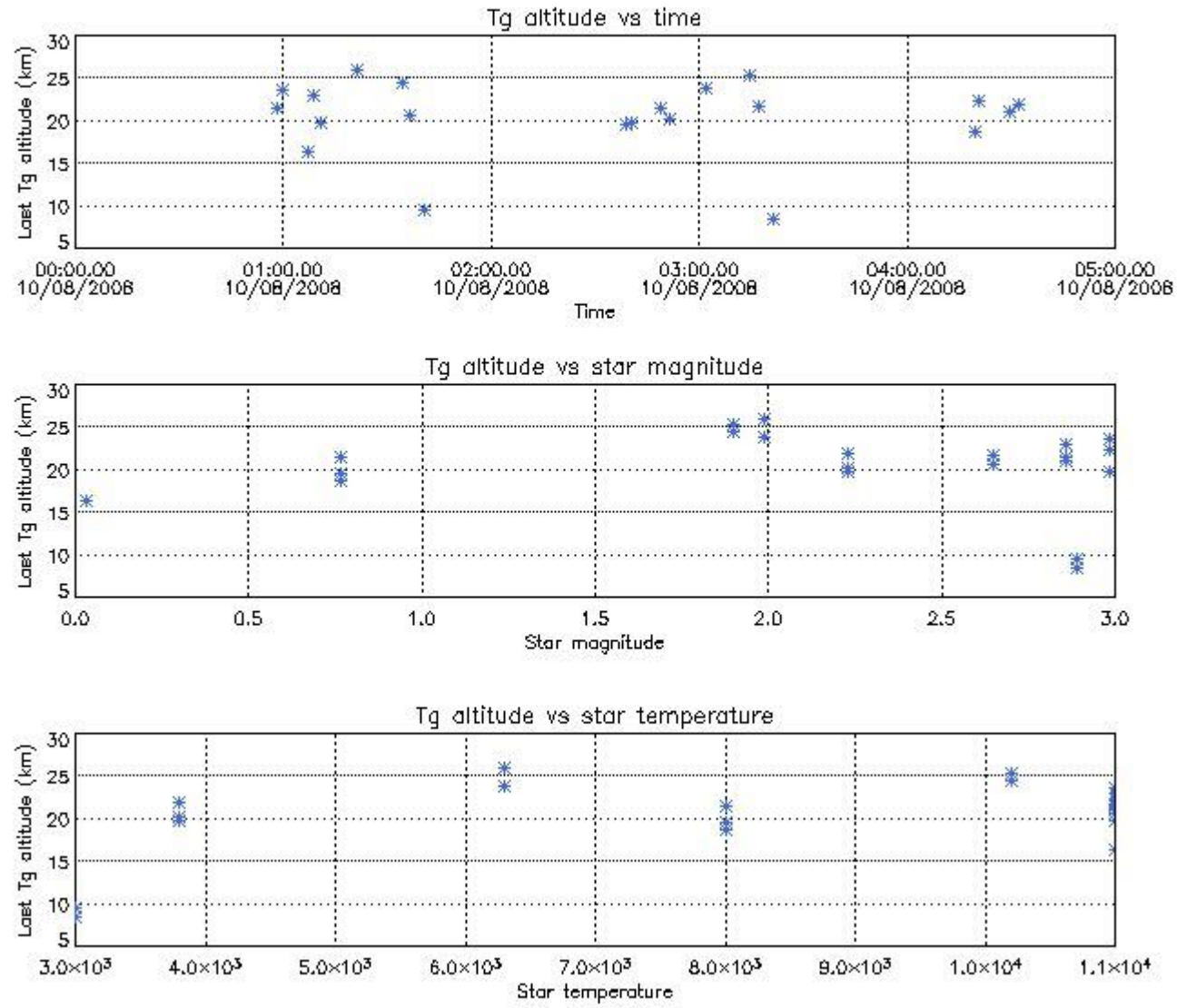
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

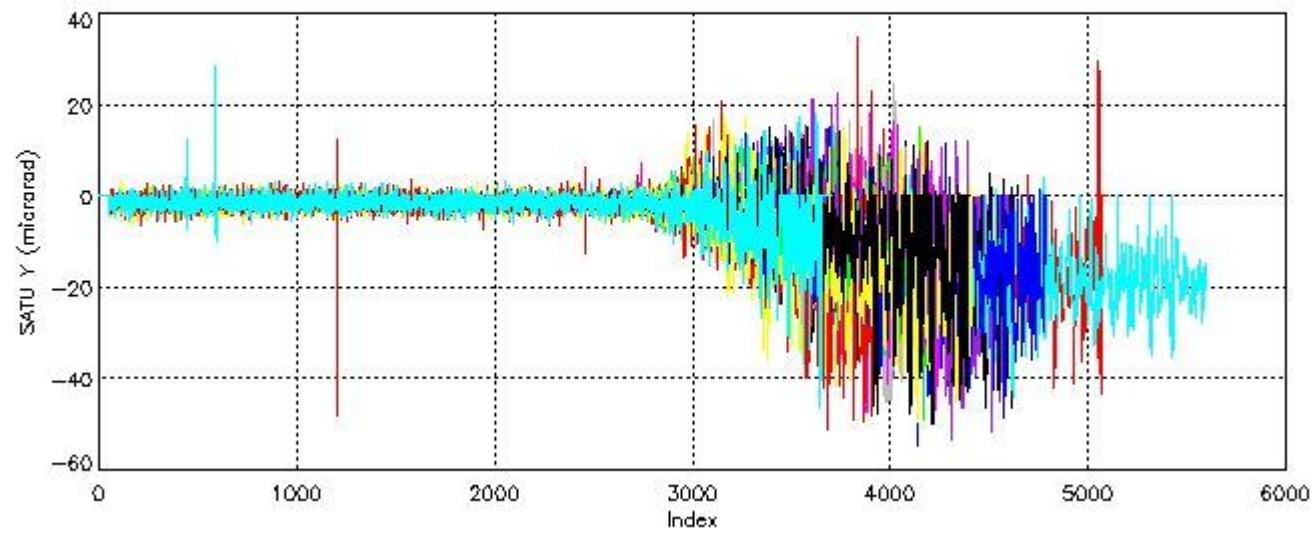
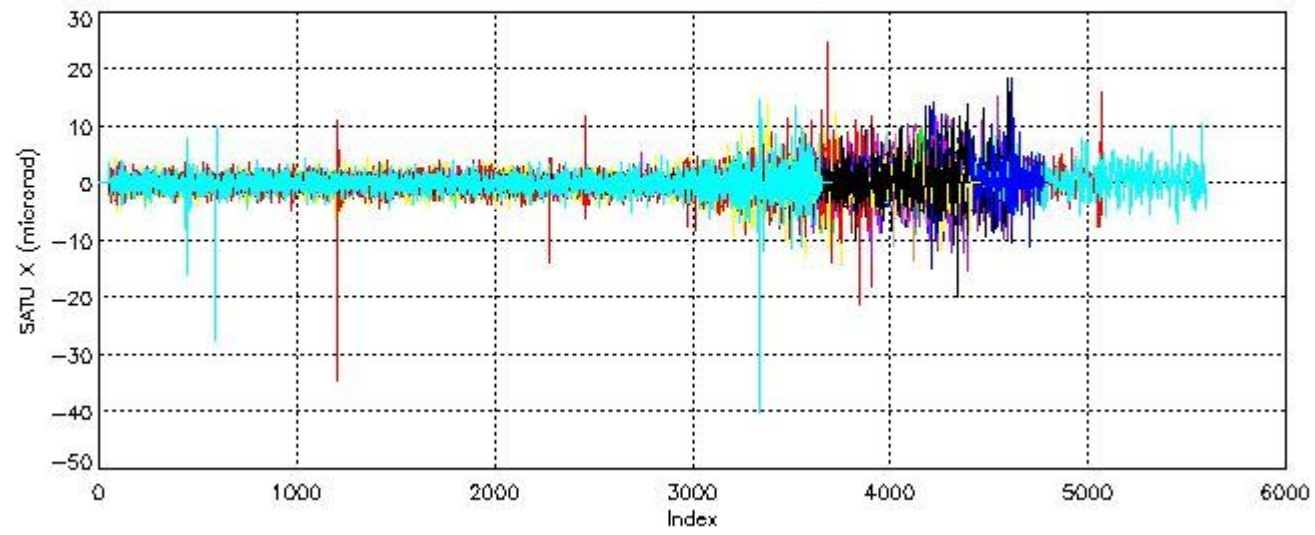


7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

| Statistics | SATU X (D) | SATU Y (D) | SATU X (B) | SATU Y (B) |
|----------------|------------|------------|------------|------------|
| Mean: | 0.097367 | -1.3933 | 0.042210 | -1.4897 |
| St. deviation: | 0.54302 | 0.71218 | 0.76348 | 0.89544 |
| Maximum: | 9.5000 | 28.600 | 5.4000 | 3.5000 |
| Minimum: | -27.700 | -10.200 | -4.7000 | -7.1000 |

| | | | | |
|-----------------|--------|--------|--------|--------|
| Number of data: | 15650. | 15650. | 17350. | 17350. |
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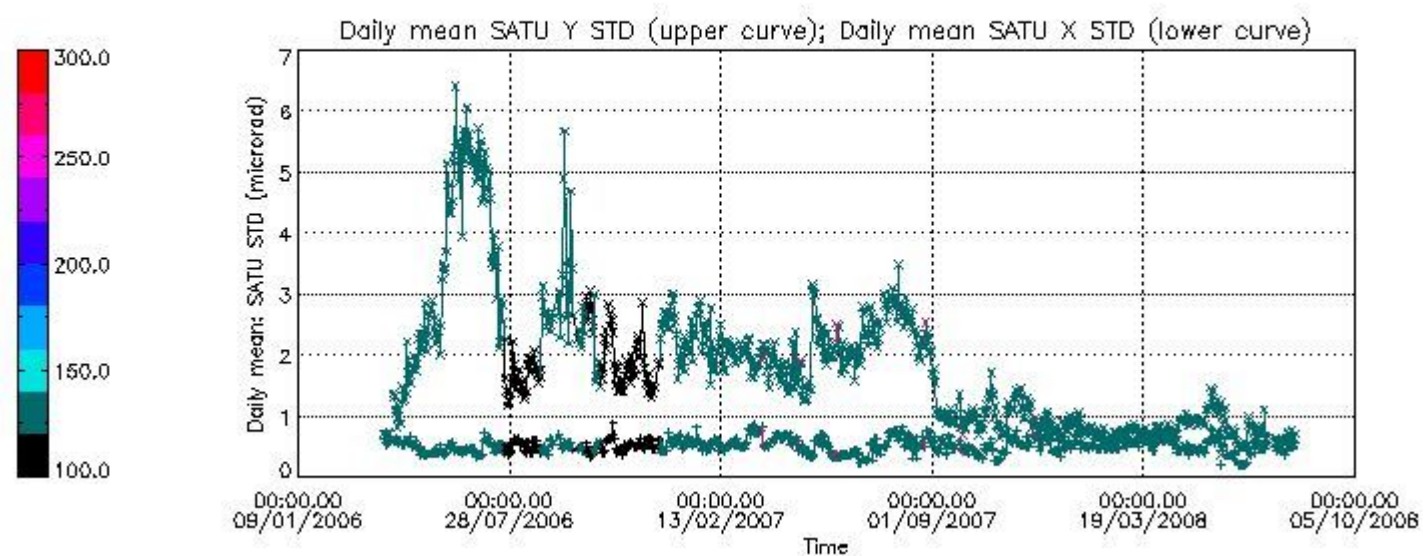
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis

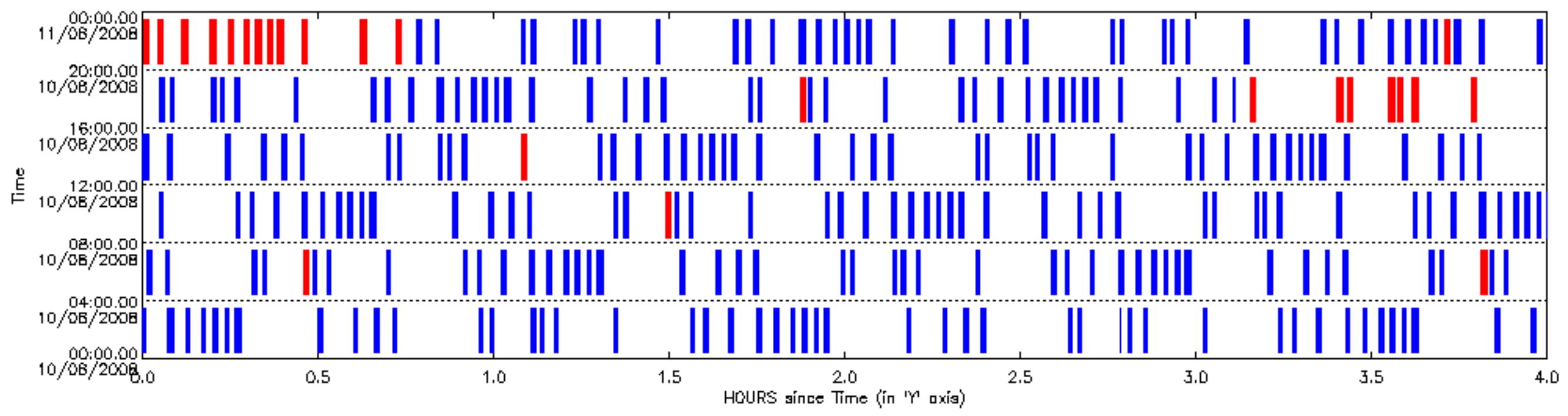
Lower curve: STD of SATU X axis

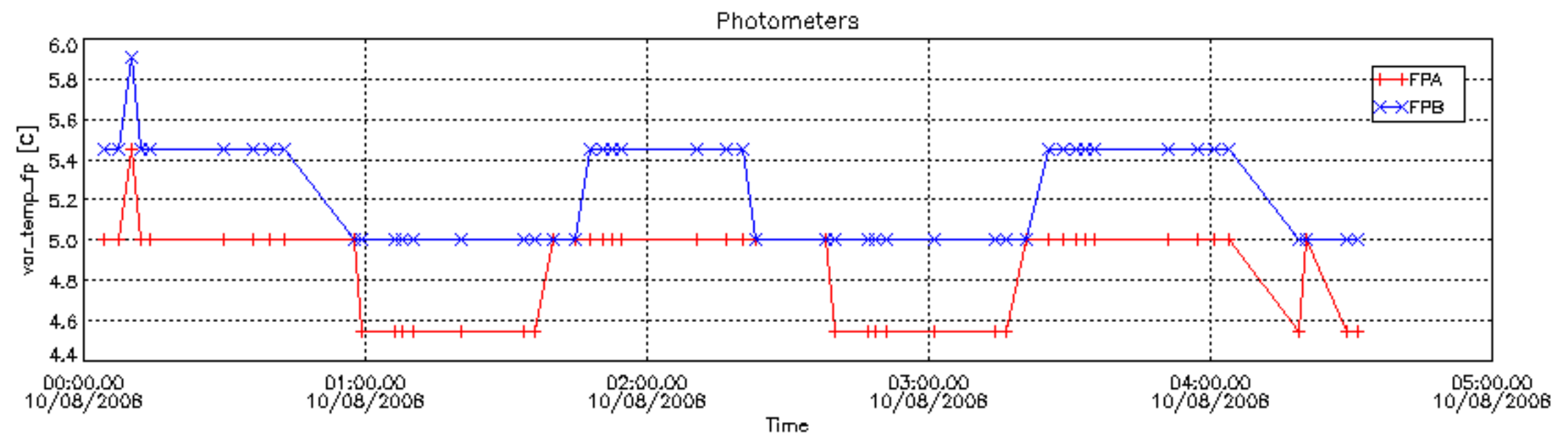
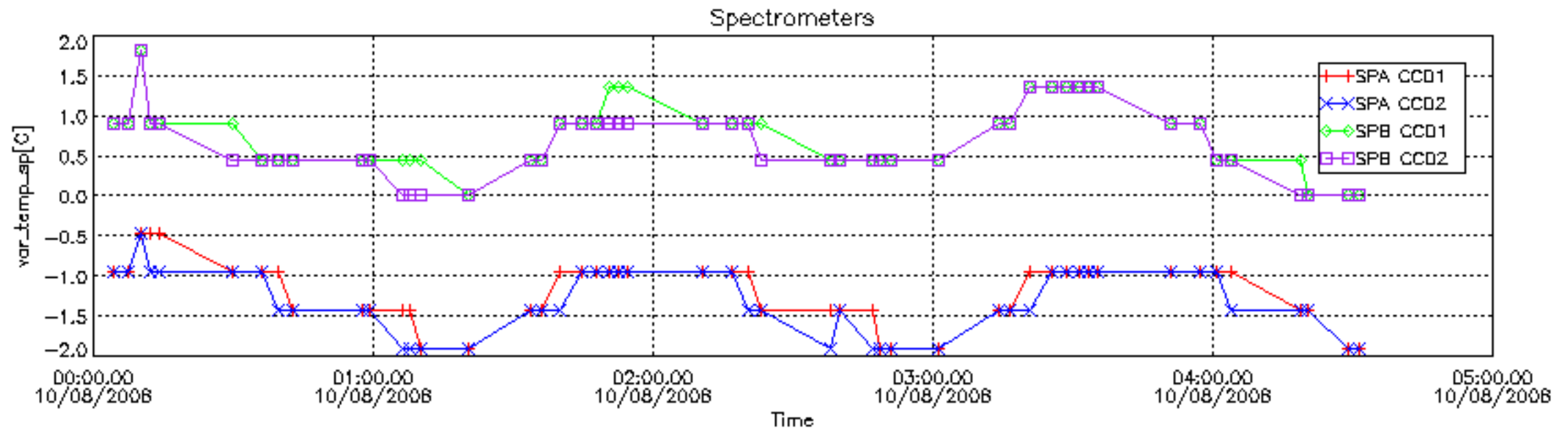


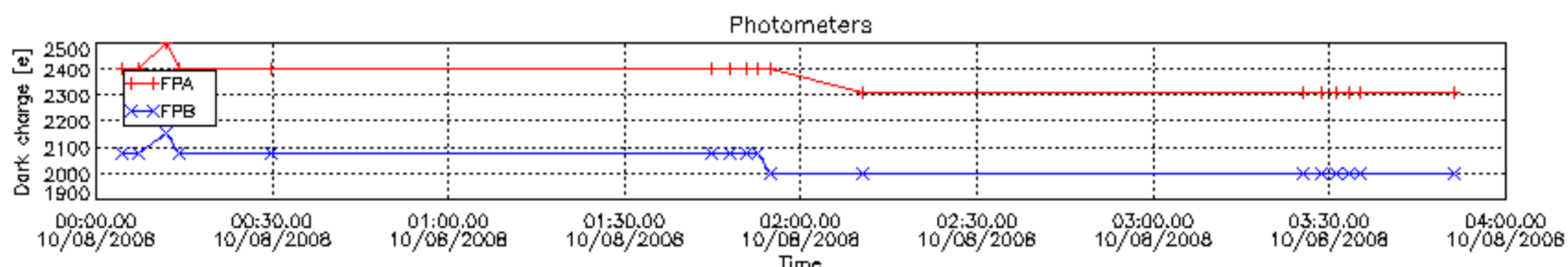
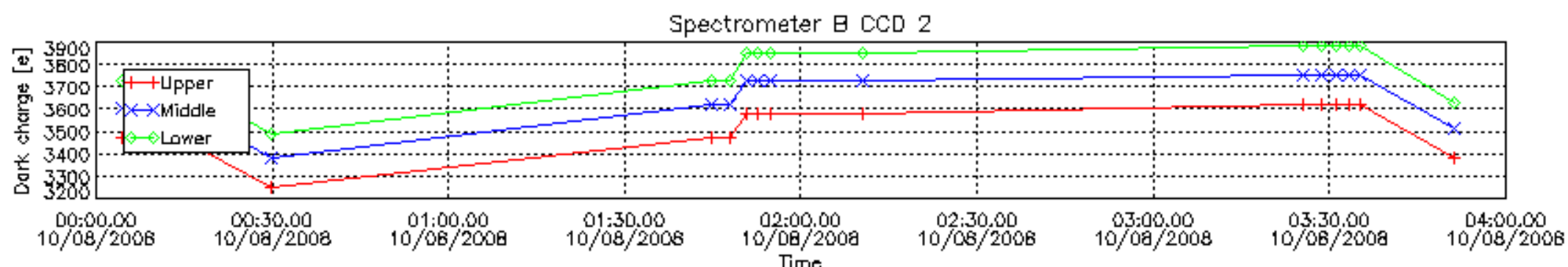
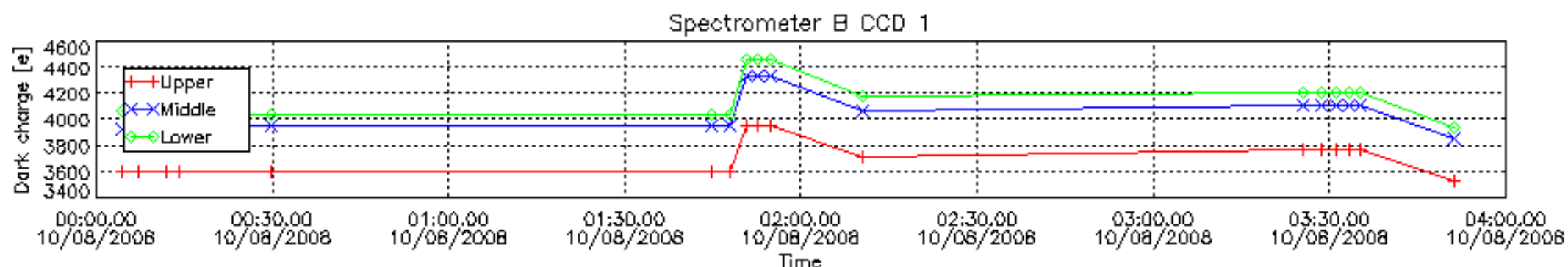
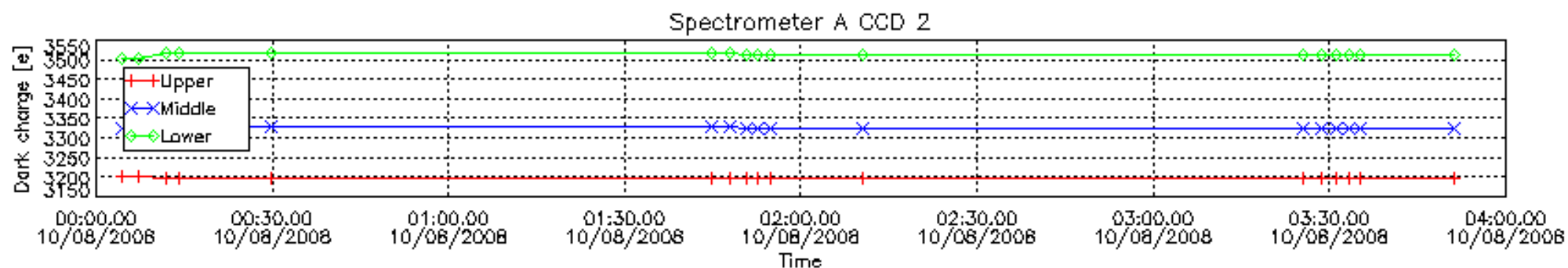
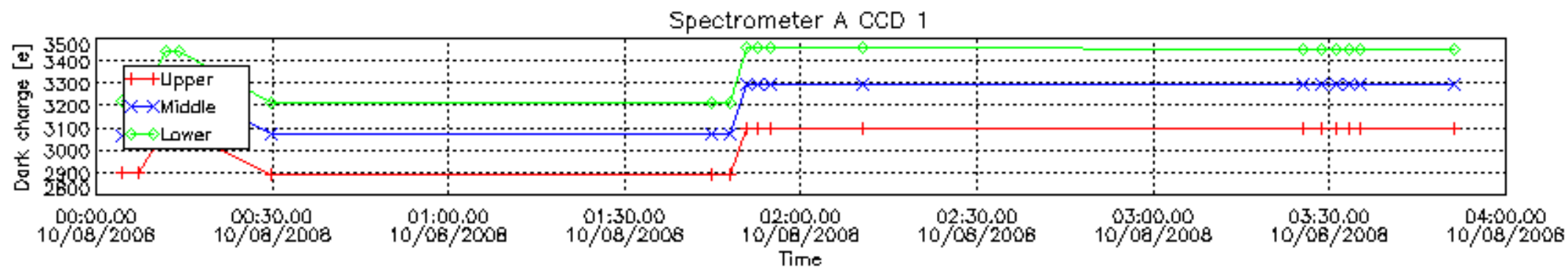
8. Auxiliary Data Files used for the production reported in section 2.4

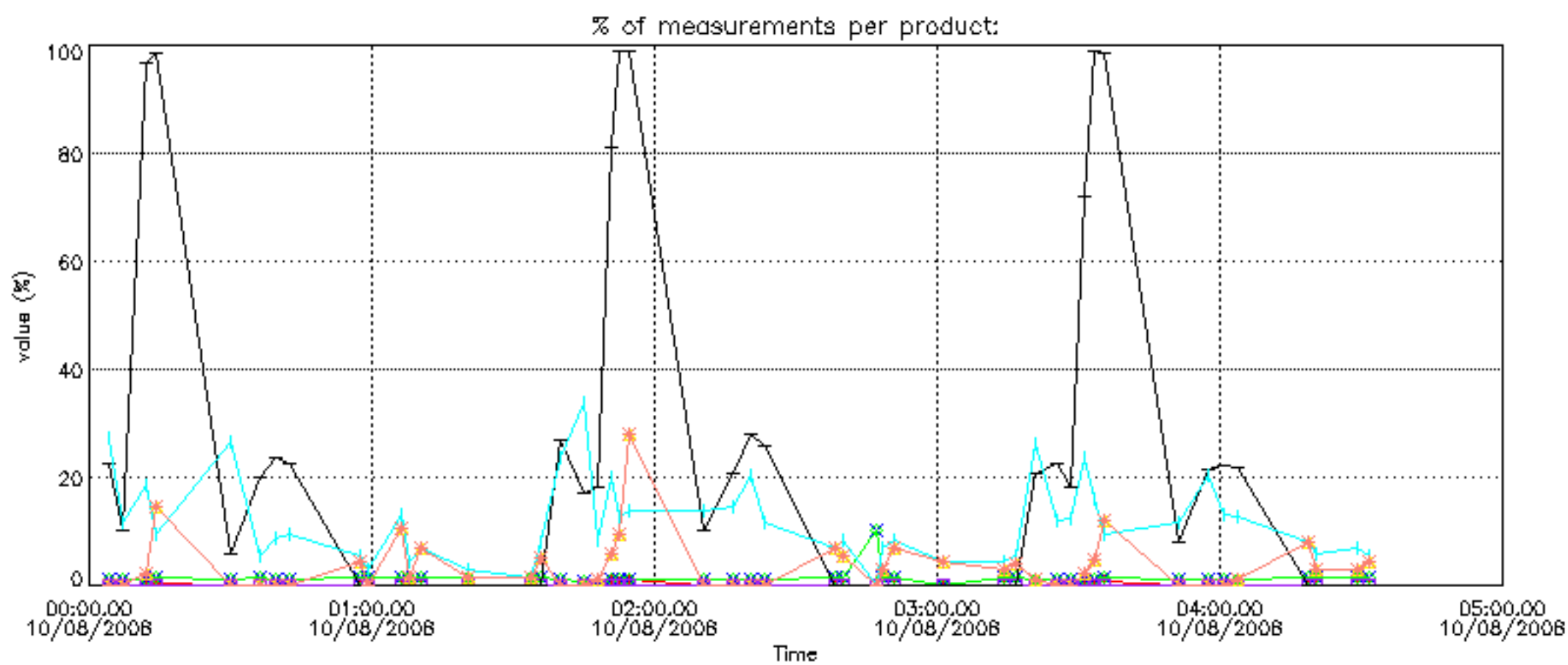
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|--|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000 | 1 | 10-AUG-2008 00:04:17 |
| CALIBRATION_DATABASE | GOM_CAL_AXVIEC20080801_080250_20080730_000000_20100101_000000 | 1 | 10-AUG-2008 00:04:17 |
| LEVEL-1B_PROC_CONFIG | GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000 | 1 | 10-AUG-2008 00:04:17 |
| STAR_CATALOGUE | GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000 | 1 | 10-AUG-2008 00:04:17 |
| STELLAR_SPECTRA_DATABANK | GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000 | 1 | 10-AUG-2008 00:04:17 |
| ECMWF_FILE | AUX_ECF_AXNECM20080809_072111_20080809_210000_20080810_090000 | 1 | 10-AUG-2008 00:04:17 |
| ECMWF_FILE | AUX_ECF_AXNECM20080809_190111_20080810_030000_20080810_150000 | 34 | 10-AUG-2008 03:14:09 |
| OPTIONAL_ECMWF_FILE | MISSING | 1 | 10-AUG-2008 00:04:17 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20080809_204503_000057382071_00071_33692_6121.N1 | 1 | 10-AUG-2008 00:04:17 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20080809_222600_000057382071_00072_33693_6122.N1 | 3 | 10-AUG-2008 00:10:04 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20080810_000657_000057382071_00073_33694_6123.N1 | 21 | 10-AUG-2008 01:50:40 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20080810_014754_000041442071_00074_33695_6124.N1 | 34 | 10-AUG-2008 03:14:09 |

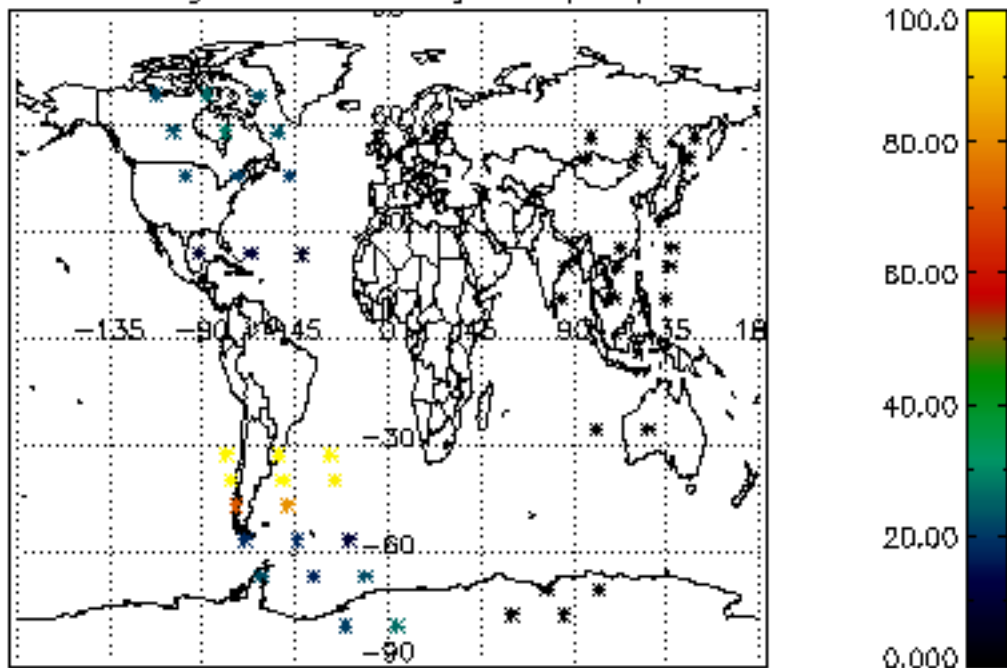




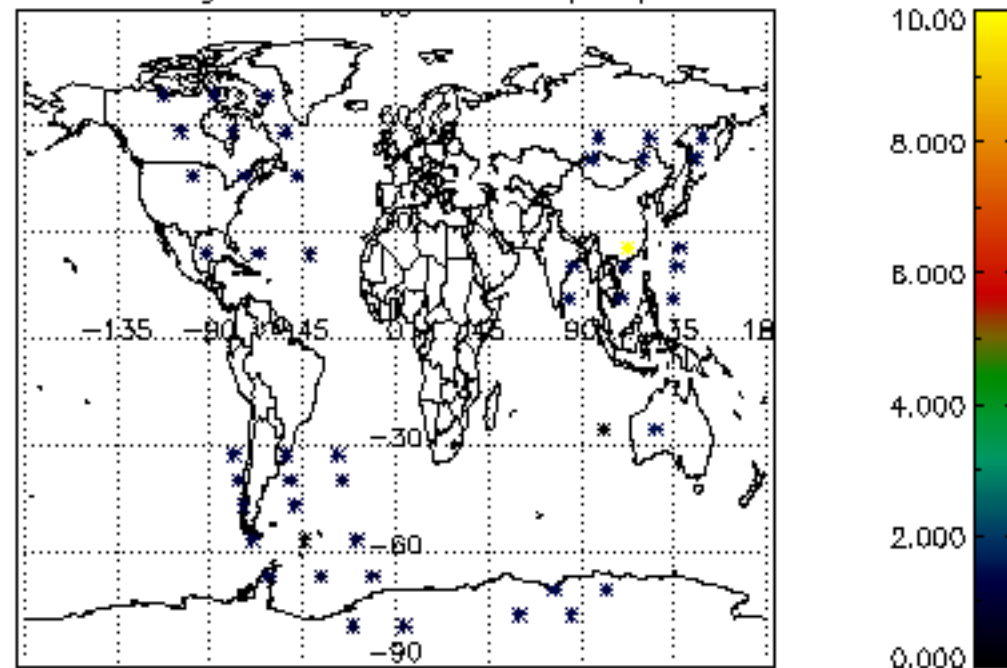




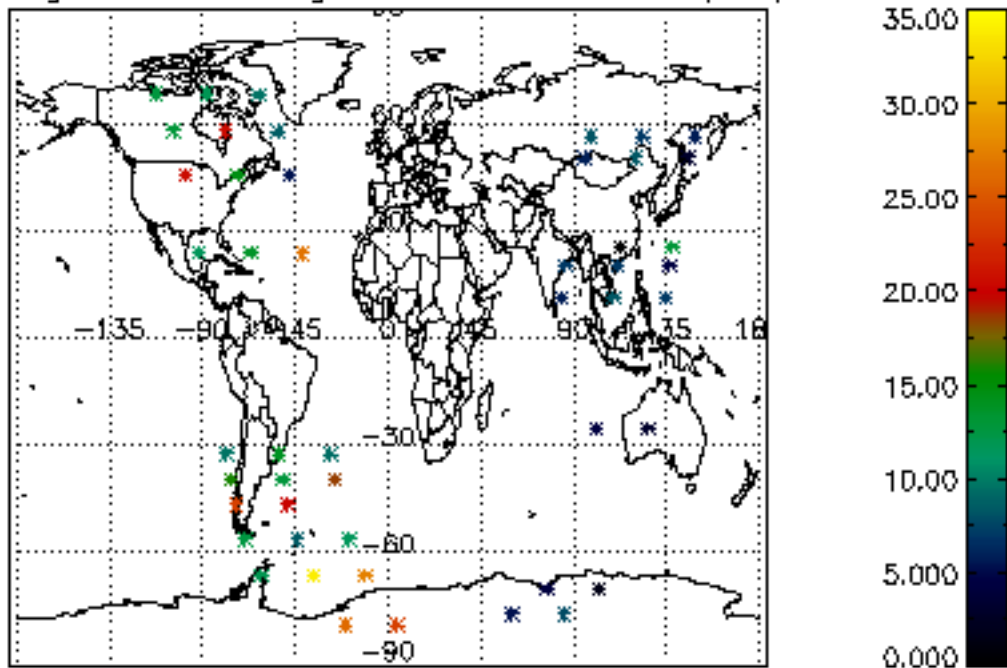
Percentage of cosmic ray hits per profile



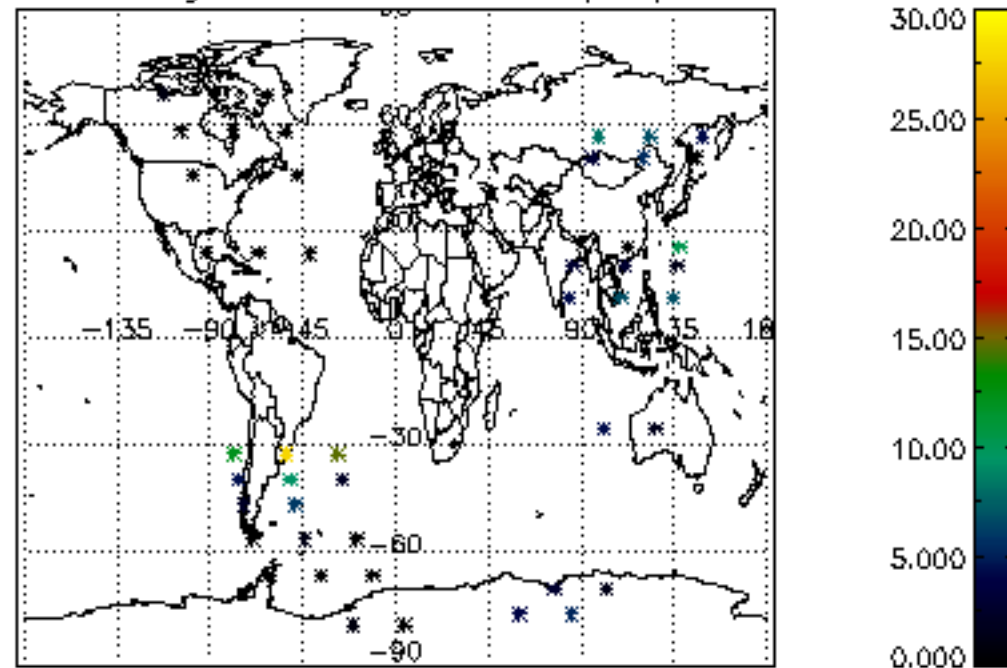
Percentage of datation errors per profile



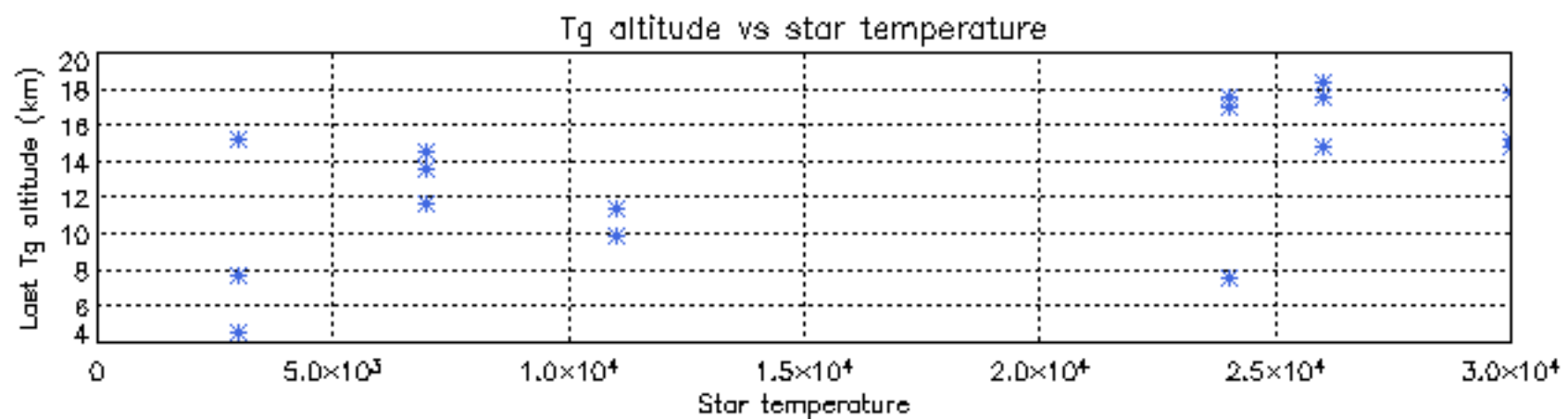
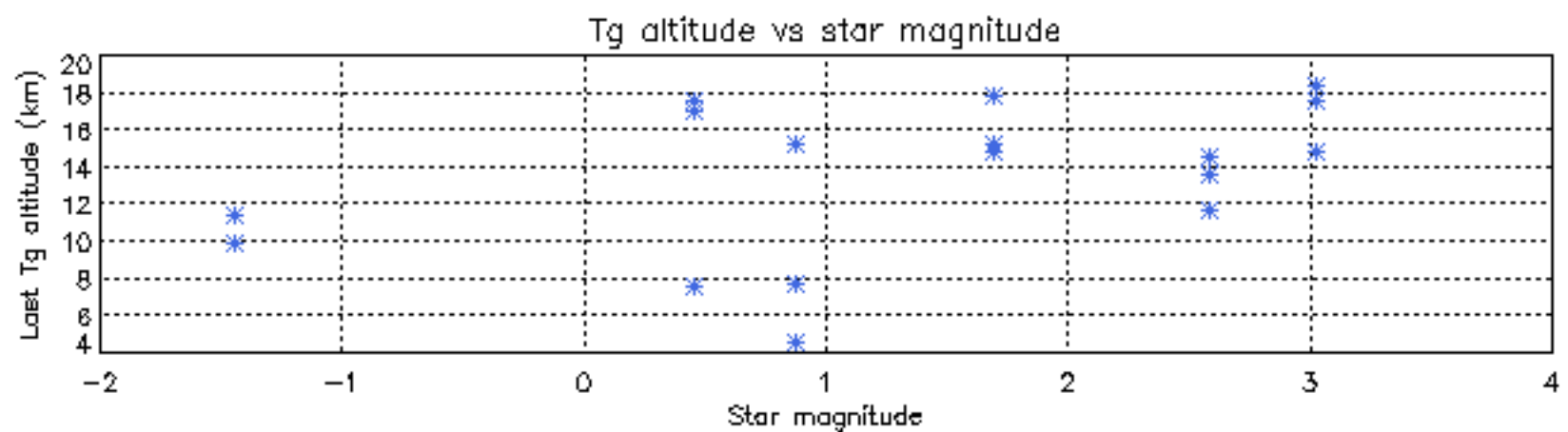
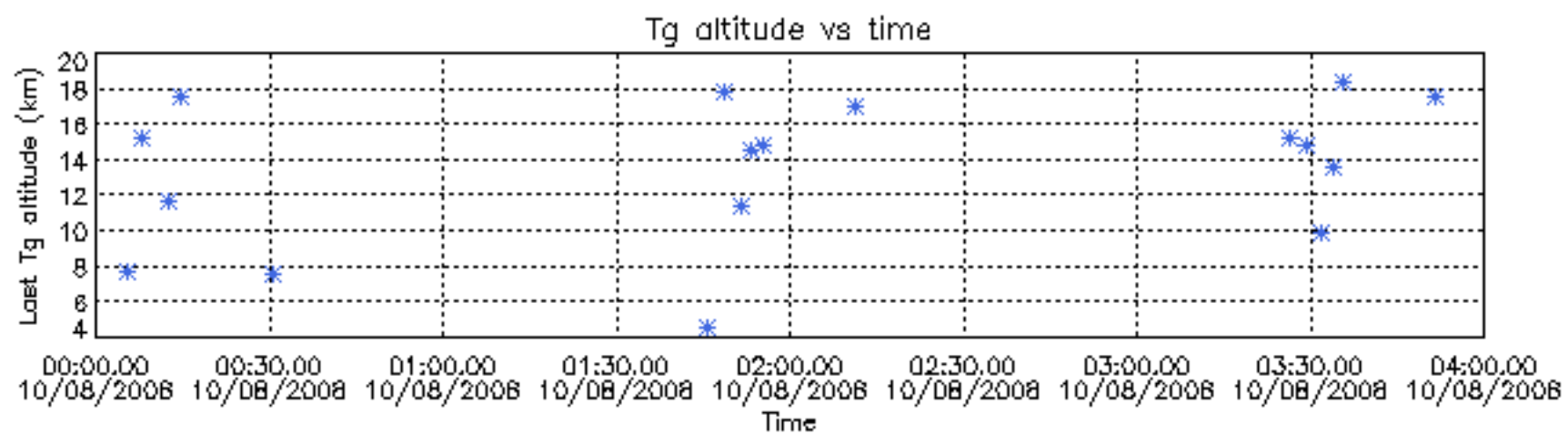
Percentage of star falling outside central band per profile



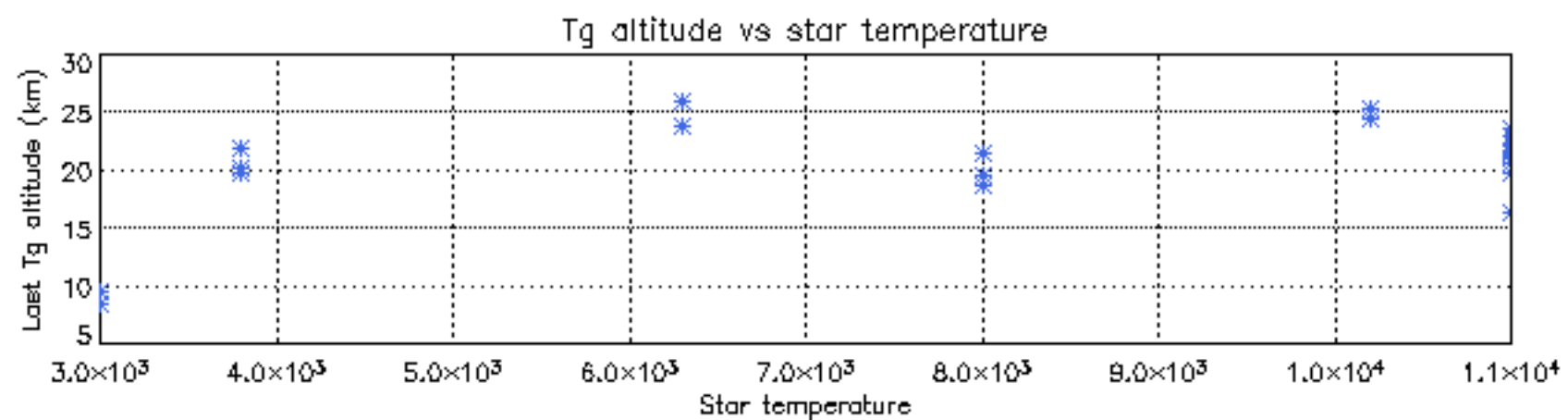
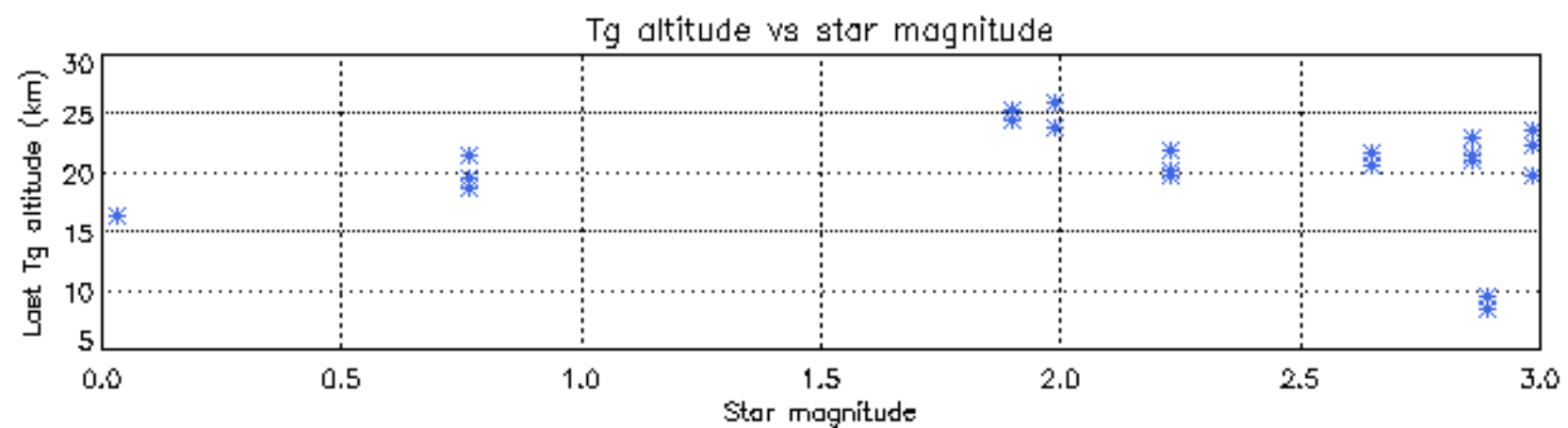
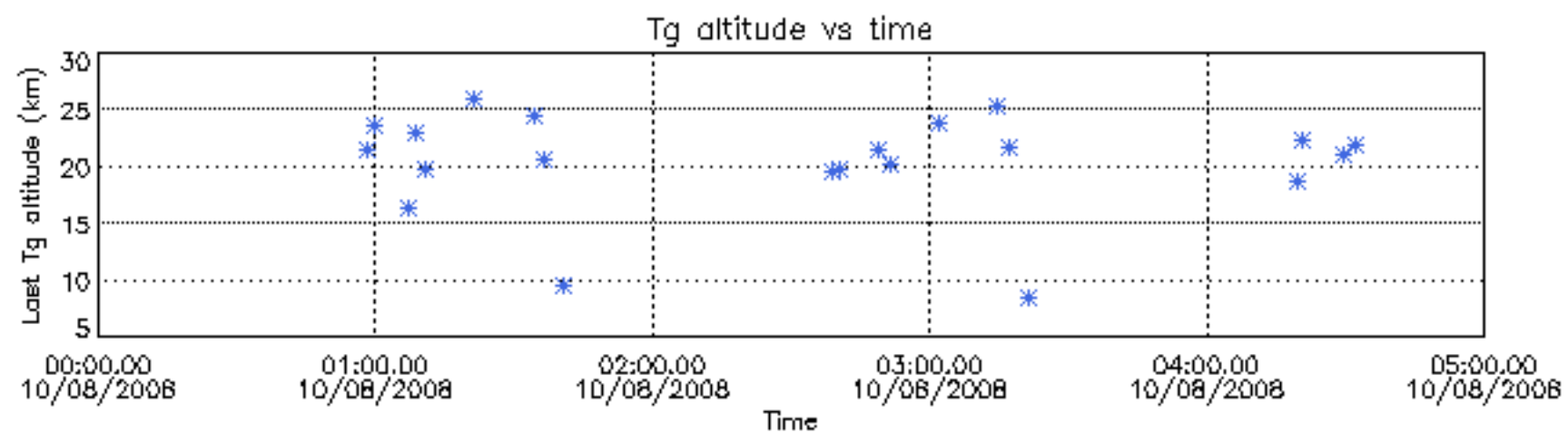
Percentage of saturation errors per profile

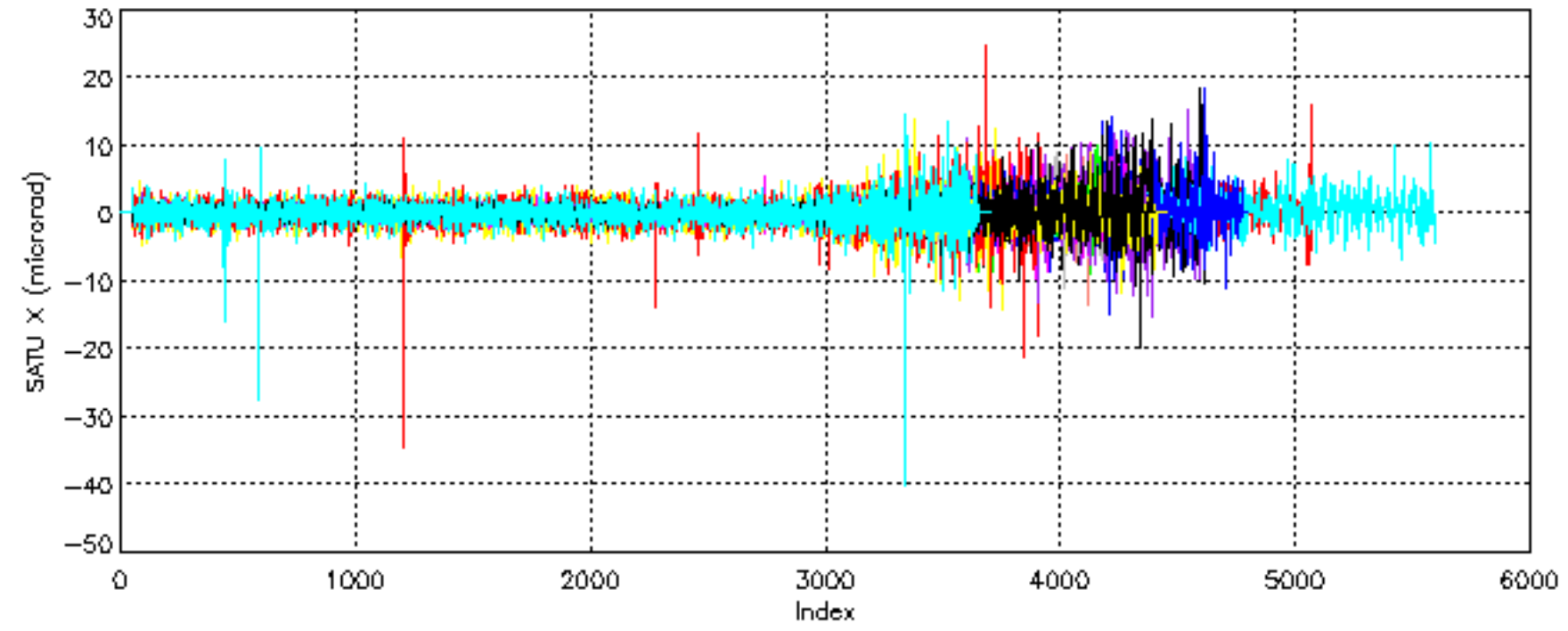


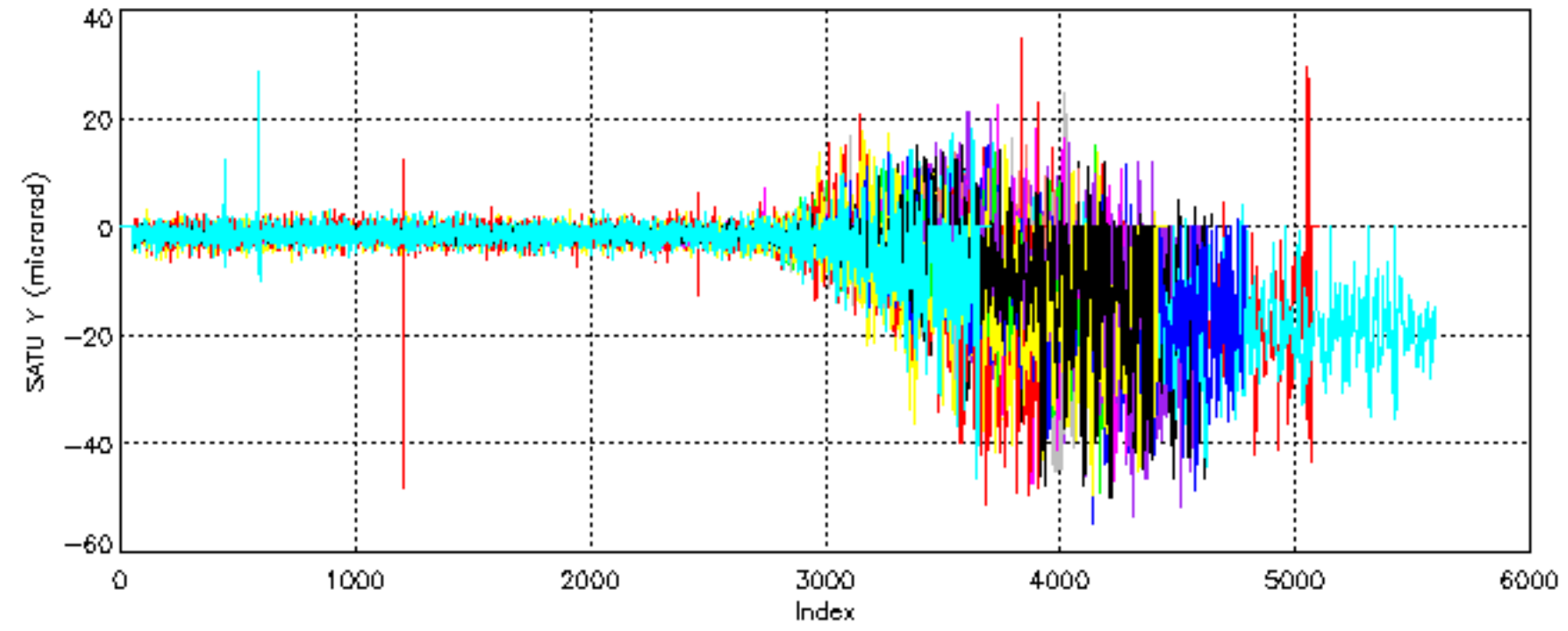
Tangent altitude at which the star is lost

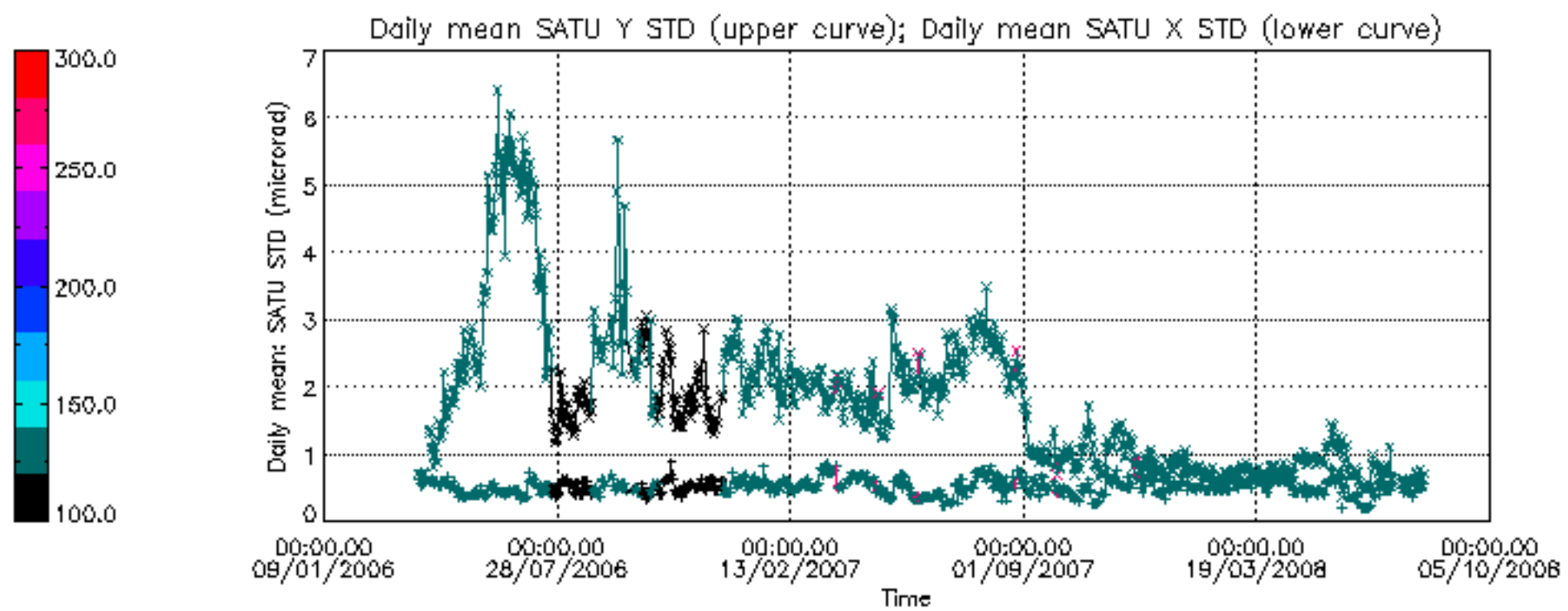


Tangent altitude at which the star is lost









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3; -299.3; 01-AUG-2008 01:41:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33566
4; -19.6; 01-AUG-2008 01:46:16; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;33566
5; 310.1; 01-AUG-2008 01:51:46; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;33567
6; 720.4; 01-AUG-2008 01:58:36; Dark ; 42.5; 148; Alp Tuc ; 2.88; 4100;occ; 85; 0;33567
7; 921.8; 01-AUG-2008 02:01:57; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;33567
8; 1110.0; 01-AUG-2008 02:05:05; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;33567
9; 2059.2; 01-AUG-2008 02:20:55; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;33567
10; 2145.3; 01-AUG-2008 02:22:21; Bright; 34.0; 168; 17Zet Aql ; 2.99; 11000;occ; 68; 0;33567
11; 2570.2; 01-AUG-2008 02:29:26; Bright; 40.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 80; 0;33567
12; 2694.1; 01-AUG-2008 02:31:30; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;33567
13; 3089.3; 01-AUG-2008 02:38:05; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;33567
14; 3441.0; 01-AUG-2008 02:43:56; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;33567

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2; -1689.0; 01-AUG-2008 02:59:02; Bright; 35.0; 107; 37The Aur ; 2.65; 11000;occ; 70; 0;33567
3; -1520.3; 01-AUG-2008 03:01:51; Dark ; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;33567
4; -1395.5; 01-AUG-2008 03:03:56; Dark ; 39.5; 176; 23Zet Tau ; 3.02; 22000;occ; 79; 0;33567
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6; -1009.5; 01-AUG-2008 03:10:22; Dark ; 41.5; 30; 46Eps Ori ; 1.69; 30000;occ; 83; 0;33567
7; -860.8; 01-AUG-2008 03:12:51; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;33567
8; -730.2; 01-AUG-2008 03:15:01; Dark ; 39.0; 101; 11Alp Lep ; 2.58; 7000;occ; 78; 0;33567
9; -298.6; 01-AUG-2008 03:22:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33567
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11; 310.9; 01-AUG-2008 03:32:22; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;33568
12; 721.0; 01-AUG-2008 03:39:12; Dark ; 43.5; 148; Alp Tuc ; 2.88; 4100;occ; 87; 0;33568
13; 922.4; 01-AUG-2008 03:42:34; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;33568
14; 1110.6; 01-AUG-2008 03:45:42; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;33568
15; 2059.2; 01-AUG-2008 04:01:31; Bright; 38.5; 11; 53Alp Aql ; 0.76; 8000;occ; 77; 0;33568
16; 2145.4; 01-AUG-2008 04:02:57; Bright; 35.0; 168; 17Zet Aql ; 2.99; 11000;occ; 70; 0;33568
17; 2570.4; 01-AUG-2008 04:10:02; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;33568
18; 2693.9; 01-AUG-2008 04:12:05; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;33568
19; 3088.9; 01-AUG-2008 04:18:40; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;33568
20; 3441.1; 01-AUG-2008 04:24:32; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;33568

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3; -1520.2; 01-AUG-2008 04:42:27; Dark ; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;33568
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8; -729.8; 01-AUG-2008 04:55:38; Dark ; 37.5; 101; 11Alp Lep ; 2.58; 7000;occ; 75; 0;33568
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12; 721.2; 01-AUG-2008 05:19:49; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;33569
13; 922.9; 01-AUG-2008 05:23:10; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;33569
14; 1111.1; 01-AUG-2008 05:26:19; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;33569
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16; 2145.5; 01-AUG-2008 05:43:33; Bright; 36.0; 168; 17Zet Aql ; 2.99; 11000;occ; 72; 0;33569
17; 2570.5; 01-AUG-2008 05:50:38; Bright; 39.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 78; 0;33569
18; 2693.8; 01-AUG-2008 05:52:41; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;33569
19; 3088.5; 01-AUG-2008 05:59:16; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;33569
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3; 2146.0; 01-AUG-2008 20:48:57; Bright; 34.5; 168; 17Zet Aql ; 2.99; 11000;occ; 69; 0;33578
4; 2571.2; 01-AUG-2008 20:56:02; Bright; 33.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 67; 0;33578
5; 2691.9; 01-AUG-2008 20:58:03; Bright; 36.5; 144; 18Del Cyg ; 2.86; 11000;occ; 73; 0;33578
6; 3084.5; 01-AUG-2008 21:04:35; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;33578
7; 3440.8; 01-AUG-2008 21:10:32; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;33578
8; 4201.1; 01-AUG-2008 21:23:12; Bright; 40.5; 6; 13Alp Aur ; 0.08; 3400;occ; 81; 0;33578
9; 4348.4; 01-AUG-2008 21:25:39; Bright; 34.0; 107; 37The Aur ; 2.65; 11000;occ; 68; 0;33578
10; 4517.4; 01-AUG-2008 21:28:28; Dark ; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;33578

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12; 4863.6; 01-AUG-2008 21:34:14; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;33578
13; 5030.4; 01-AUG-2008 21:37:01; Dark ; 41.5; 30; 46Eps Ori ; 1.69; 30000;occ; 83; 0;33578
14; 5180.2; 01-AUG-2008 21:39:31; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;33578
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 3;-1520.0; 01-AUG-2008 06:23:03; Dark ; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;33569
 4;-1395.1; 01-AUG-2008 06:25:08; Dark ; 39.0; 176; 23Zet Tau ; 3.02; 22000;occ; 78; 0;33569
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 6;-1008.8; 01-AUG-2008 06:31:35; Dark ; 37.0; 30; 46Eps Ori ; 1.69; 30000;occ; 74; 0;33569
 7; -859.8; 01-AUG-2008 06:34:04; Dark ; 39.0; 7; 19Bet Ori ; 0.10; 14000;occ; 78; 0;33569
 8; -729.3; 01-AUG-2008 06:36:14; Dark ; 37.5; 101; 11Alp Lep ; 2.58; 7000;occ; 75; 0;33569
 9; -297.2; 01-AUG-2008 06:43:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33569
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12; 721.8; 01-AUG-2008 07:00:25; Dark ; 43.5; 148; Alp Tuc ; 2.88; 4100;occ; 87; 0;33570
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 7; 4201.2; 01-AUG-2008 07:58:25; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;33570
 8; 4347.3; 01-AUG-2008 08:00:51; Bright; 34.0; 107; 37The Aur ; 2.65; 11000;occ; 68; 0;33570
 9; 4516.0; 01-AUG-2008 08:03:39; Dark ; 41.5; 28; 12Bet Tau ; 1.65; 15200;occ; 83; 0;33570
10; 4641.1; 01-AUG-2008 08:05:44; Dark ; 38.0; 176; 23Zet Tau ; 3.02; 22000;occ; 76; 0;33570
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5; 3025.7; 13-AUG-2008 13:03:35; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;33745
6; 3438.6; 13-AUG-2008 13:10:28; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;33745
7; 4220.7; 13-AUG-2008 13:23:31; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;33745
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 4; -174.6; 15-AUG-2008 01:03:25; Dark ; 44.5; 2; Alp Car ; -0.74; 7000;occ; 89; 0;33766

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17; 3438.4; 15-AUG-2008 03:44:14; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;33768

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6; -423.9; 15-AUG-2008 04:20:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33768
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8; 449.8; 15-AUG-2008 04:35:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;33769
9; 798.2; 15-AUG-2008 04:40:50; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;33769
10; 1011.5; 15-AUG-2008 04:44:23; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;33769
11; 1190.3; 15-AUG-2008 04:47:22; Dark ; 41.0; 172; Gam Gru ; 3.00; 13100;occ; 82; 0;33769
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13; 2504.8; 15-AUG-2008 05:09:17; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;33769
14; 2599.2; 15-AUG-2008 05:10:51; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;33769
15; 2675.1; 15-AUG-2008 05:12:07; Bright; 36.0; 144; 18Del Cyg ; 2.86; 11000;occ; 72; 0;33769
16; 3018.9; 15-AUG-2008 05:17:51; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;33769
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4; -671.1; 15-AUG-2008 05:56:57; Dark ; 37.5; 179; 240mi2CMa ; 3.03; 24000;occ; 75; 0;33769
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6; -423.5; 15-AUG-2008 06:01:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33769
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8; 450.5; 15-AUG-2008 06:15:38; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;33770
9; 798.5; 15-AUG-2008 06:21:26; Dark ; 47.0; 148; Alp Tuc ; 2.88; 4100;occ; 94; 0;33770
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11; 1190.7; 15-AUG-2008 06:27:59; Dark ; 40.0; 172; Gam Gru ; 3.00; 13100;occ; 80; 0;33770
12; 2064.4; 15-AUG-2008 06:42:32; Bright; 36.0; 11; 53Alp Aql ; 0.76; 8000;occ; 72; 0;33770
13; 2504.6; 15-AUG-2008 06:49:53; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;33770
14; 2599.0; 15-AUG-2008 06:51:27; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;33770
15; 2675.0; 15-AUG-2008 06:52:43; Bright; 35.0; 144; 18Del Cyg ; 2.86; 11000;occ; 70; 0;33770
16; 3018.6; 15-AUG-2008 06:58:27; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;33770
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3; 2065.1; 15-AUG-2008 20:07:20; Bright; 35.5; 11; 53Alp Aql ; 0.76; 8000;occ; 71; 0;33778

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6; 2675.1; 15-AUG-2008 20:17:31; Bright; 35.0; 144; 18Del Cyg ; 2.86; 11000;occ; 70; 0;33778
7; 3016.3; 15-AUG-2008 20:23:12; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;33778
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4; -419.9; 15-AUG-2008 21:06:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33778
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3; 801.6; 15-AUG-2008 23:07:29; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;33780
4; 1015.5; 15-AUG-2008 23:11:03; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;33780
5; 1252.6; 15-AUG-2008 23:15:00; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;33780
6; 1591.9; 15-AUG-2008 23:20:39; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;33780
7; 2113.3; 15-AUG-2008 23:29:20; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;33780
8; 2502.4; 15-AUG-2008 23:35:50; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;33780
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4; -670.7; 15-AUG-2008 07:37:33; Dark ; 37.5; 179; 24Omi2CMA ; 3.03; 24000;occ; 75; 0;33770
5; -583.5; 15-AUG-2008 07:39:00; Dark ; 41.0; 23; 21Eps CMA ; 1.50; 26000;occ; 82; 0;33770
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13; 6489.2; 15-AUG-2008 12:58:05; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;33773
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16; 7227.7; 15-AUG-2008 13:10:23; Dark ; 41.5; 172; Gam Gru ; 3.00; 13100;occ; 83; 0;33773
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9; 5268.3; 15-AUG-2008 14:18:20; Dark ; 41.0; 1; 9Alp CMa ; -1.44; 11000;occ; 82; 0;33774
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3; 2598.5; 15-AUG-2008 15:14:26; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;33775
4; 2675.1; 15-AUG-2008 15:15:43; Bright; 35.0; 144; 18Del Cyg ; 2.86; 11000;occ; 70; 0;33775
5; 3017.3; 15-AUG-2008 15:21:25; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;33775
6; 3438.2; 15-AUG-2008 15:28:26; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;33775
7; 4625.6; 15-AUG-2008 15:48:13; Dark ; 47.0; 151; 13Mu Gem ; 2.89; 3000;occ; 94; 0;33775
8; 4720.9; 15-AUG-2008 15:49:48; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;33775
9; 5268.7; 15-AUG-2008 15:58:56; Dark ; 42.0; 1; 9Alp CMa ; -1.44; 11000;occ; 84; 0;33775
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11; 5614.8; 15-AUG-2008 16:04:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33775
12; 5863.6; 15-AUG-2008 16:08:51; Dark ; 43.5; 2; Alp Car ; -0.74; 7000;occ; 87; 0;33775
13; 6490.7; 15-AUG-2008 16:19:18; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;33775
14; 6836.4; 15-AUG-2008 16:25:04; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;33775
15; 7050.1; 15-AUG-2008 16:28:38; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;33775
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 9; 4721.1; 15-AUG-2008 17:30:25; Dark ; 39.0; 44; 24Gam Gem ; 1.93; 11000;occ; 78; 0;33776
 10; 5269.0; 15-AUG-2008 17:39:32; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;33776
 11; 5615.2; 15-AUG-2008 17:45:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33776
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 13; 6491.3; 15-AUG-2008 17:59:55; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;33776
 14; 6836.8; 15-AUG-2008 18:05:40; Dark ; 46.0; 148; Alp Tuc ; 2.88; 4100;occ; 92; 0;33776
 15; 7050.4; 15-AUG-2008 18:09:14; Dark ; 39.0; 31; Alp Gru ; 1.73; 15200;occ; 78; 0;33776

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 4; 2503.2; 15-AUG-2008 18:34:03; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;33777
 5; 2598.2; 15-AUG-2008 18:35:38; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;33777
 6; 2675.2; 15-AUG-2008 18:36:55; Bright; 35.0; 144; 18Del Cyg ; 2.86; 11000;occ; 70; 0;33777
 7; 3016.8; 15-AUG-2008 18:42:36; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;33777
 8; 3438.1; 15-AUG-2008 18:49:38; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;33777
 9; 4626.0; 15-AUG-2008 19:09:25; Dark ; 44.5; 151; 13Mu Gem ; 2.89; 3000;occ; 89; 0;33777
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 12; 5366.7; 15-AUG-2008 19:21:46; Dark ; 38.0; 179; 240mi2CMA ; 3.03; 24000;occ; 76; 0;33777
 13; 5454.1; 15-AUG-2008 19:23:13; Dark ; 41.0; 23; 21Eps CMA ; 1.50; 26000;occ; 82; 0;33777
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 15; 5864.0; 15-AUG-2008 19:30:03; Dark ; 41.5; 2; Alp Car ; -0.74; 7000;occ; 83; 0;33777
 16; 6492.0; 15-AUG-2008 19:40:31; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;33777
 17; 6837.0; 15-AUG-2008 19:46:16; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;33777
 18; 7050.9; 15-AUG-2008 19:49:50; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;33777

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 5; 458.0; 16-AUG-2008 00:42:21; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;33781
 6; 802.5; 16-AUG-2008 00:48:05; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;33781
 7; 1015.8; 16-AUG-2008 00:51:39; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;33781
 8; 1252.8; 16-AUG-2008 00:55:36; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;33781
 9; 1592.0; 16-AUG-2008 01:01:15; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;33781
 10; 2113.0; 16-AUG-2008 01:09:56; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;33781
 11; 2502.2; 16-AUG-2008 01:16:25; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;33781
 12; 2597.6; 16-AUG-2008 01:18:01; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;33781
 13; 2694.4; 16-AUG-2008 01:19:37; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;33781
 14; 3015.6; 16-AUG-2008 01:24:59; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;33781
 15; 3437.9; 16-AUG-2008 01:32:01; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;33781
 16; 4193.2; 16-AUG-2008 01:44:36; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;33781
 17; 4367.4; 16-AUG-2008 01:47:30; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;33781
 18; 4553.7; 16-AUG-2008 01:50:37; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;33781
 19; 4722.2; 16-AUG-2008 01:53:25; Dark ; 37.5; 44; 24Gam Gem ; 1.93; 11000;occ; 75; 0;33781
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 3; -730.4; 16-AUG-2008 02:03:09; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;33781
 4; -618.8; 16-AUG-2008 02:05:00; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;33781
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 7; 458.8; 16-AUG-2008 02:22:58; Dark ; 54.5; 9; Alp Eri ; 0.45; 24000;occ; 109; 0;33782
 8; 803.3; 16-AUG-2008 02:28:42; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;33782
 9; 1016.2; 16-AUG-2008 02:32:15; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;33782
 10; 1253.4; 16-AUG-2008 02:36:12; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;33782
 11; 1592.3; 16-AUG-2008 02:41:51; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;33782
 12; 1799.9; 16-AUG-2008 02:45:19; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;33782
 13; 2112.8; 16-AUG-2008 02:50:32; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;33782

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14; 1016.8; 16-AUG-2008 04:12:52; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;33783
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16; 1592.4; 16-AUG-2008 04:22:27; Bright; 41.5; 142; 49Del Cap ; 2.85; 8900;occ; 83; 0;33783
17; 1800.0; 16-AUG-2008 04:25:55; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;33783
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19; 2502.1; 16-AUG-2008 04:37:37; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;33783
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 10; 1910.6; 20-AUG-2008 00:40:41; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;33838
 11; 2097.8; 20-AUG-2008 00:43:48; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;33838
 12; 2493.1; 20-AUG-2008 00:50:24; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;33838
 13; 2593.4; 20-AUG-2008 00:52:04; Bright; 35.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 71; 0;33838
 14; 2685.3; 20-AUG-2008 00:53:36; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;33838
 15; 3002.0; 20-AUG-2008 00:58:53; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;33838
 16; 3437.1; 20-AUG-2008 01:06:08; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;33838
 17; 4187.4; 20-AUG-2008 01:18:38; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;33838
 18; 4371.3; 20-AUG-2008 01:21:42; Bright; 49.0; 107; 37The Aur ; 2.65; 11000;occ; 98; 0;33838
 19; 4565.5; 20-AUG-2008 01:24:56; Dark ; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;33838
 20; 4640.2; 20-AUG-2008 01:26:11; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;33838
 21; 4737.2; 20-AUG-2008 01:27:48; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;33838
 22; 4960.2; 20-AUG-2008 01:31:31; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;33838
 23; 5045.8; 20-AUG-2008 01:32:56; Dark ; 52.5; 27; 24Gam Ori ; 1.64; 26000;occ; 105; 0;33838
 24; 5163.0; 20-AUG-2008 01:34:54; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;33838

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1; -1847.2; 19-AUG-2008 06:52:04; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;33827
 2; -1665.1; 19-AUG-2008 06:55:06; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;33827
 3; -1472.8; 19-AUG-2008 06:58:19; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;33827
 4; -1301.7; 19-AUG-2008 07:01:10; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;33827
 5; -1081.1; 19-AUG-2008 07:04:50; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;33827

6; -997.6; 19-AUG-2008 07:06:14; Dark ; 52.5; 27; 24Gam Ori ; 1.64; 26000;occ; 105; 0;33827
7; -880.6; 19-AUG-2008 07:08:11; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;33827
8; -793.5; 19-AUG-2008 07:09:38; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;33827
9; -691.0; 19-AUG-2008 07:11:20; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;33827
10; -585.6; 19-AUG-2008 07:13:06; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;33827
11; -412.7; 19-AUG-2008 07:15:59; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;33827
12; 269.0; 19-AUG-2008 07:27:20; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;33828
13; 489.9; 19-AUG-2008 07:31:01; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;33828
14; 840.7; 19-AUG-2008 07:36:52; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;33828
15; 1032.7; 19-AUG-2008 07:40:04; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;33828
16; 1271.9; 19-AUG-2008 07:44:03; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;33828
17; 1597.6; 19-AUG-2008 07:49:29; Bright; 41.0; 142; 49Del Cap ; 2.85; 8900;occ; 82; 0;33828

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1; 1799.4; 19-AUG-2008 07:52:51; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;33828
2; 1912.6; 19-AUG-2008 07:54:44; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;33828
3; 2100.2; 19-AUG-2008 07:57:52; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;33828
4; 2494.5; 19-AUG-2008 08:04:26; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;33828
5; 2594.1; 19-AUG-2008 08:06:05; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;33828
6; 2686.9; 19-AUG-2008 08:07:38; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;33828
7; 3004.3; 19-AUG-2008 08:12:56; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;33828
8; 3437.5; 19-AUG-2008 08:20:09; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;33828
9; 4188.7; 19-AUG-2008 08:32:40; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;33828
10; 4370.9; 19-AUG-2008 08:35:42; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;33828
11; 4563.4; 19-AUG-2008 08:38:55; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;33828
12; 4734.6; 19-AUG-2008 08:41:46; Dark ; 41.5; 44; 24Gam Gem ; 1.93; 11000;occ; 83; 0;33828
13; 4955.2; 19-AUG-2008 08:45:27; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;33828
14; 5039.0; 19-AUG-2008 08:46:50; Dark ; 54.5; 27; 24Gam Ori ; 1.64; 26000;occ; 109; 0;33828
15; 5156.1; 19-AUG-2008 08:48:48; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;33828
16; 5243.2; 19-AUG-2008 08:50:15; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;33828
17; 5345.8; 19-AUG-2008 08:51:57; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;33828
18; 5451.1; 19-AUG-2008 08:53:42; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;33828
19; 5624.0; 19-AUG-2008 08:56:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;33828
20; 6306.1; 19-AUG-2008 09:07:58; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;33828
21; 6526.5; 19-AUG-2008 09:11:38; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;33828
22; 6877.4; 19-AUG-2008 09:17:29; Dark ; 65.0; 84; Alp Phe ; 2.40; 4500;occ; 130; 0;33828
23; 7068.9; 19-AUG-2008 09:20:40; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;33828
24; 7308.1; 19-AUG-2008 09:24:40; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;33828
25; 7633.6; 19-AUG-2008 09:30:05; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;33828
26; 7835.4; 19-AUG-2008 09:33:27; Bright; 18.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 37; 0;33828

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1; 1799.5; 19-AUG-2008 09:33:27; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;33829
2; 1912.4; 19-AUG-2008 09:35:20; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;33829
3; 2099.9; 19-AUG-2008 09:38:27; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;33829
4; 2494.3; 19-AUG-2008 09:45:02; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;33829
5; 2593.9; 19-AUG-2008 09:46:41; Bright; 34.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 69; 0;33829
6; 2686.8; 19-AUG-2008 09:48:14; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;33829
7; 3004.0; 19-AUG-2008 09:53:31; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;33829
8; 3437.5; 19-AUG-2008 10:00:45; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;33829
9; 4188.5; 19-AUG-2008 10:13:16; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;33829
10; 4370.9; 19-AUG-2008 10:16:18; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;33829
11; 4563.6; 19-AUG-2008 10:19:31; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;33829
12; 4734.8; 19-AUG-2008 10:22:22; Dark ; 40.0; 44; 24Gam Gem ; 1.93; 11000;occ; 80; 0;33829
13; 4955.7; 19-AUG-2008 10:26:03; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;33829
14; 5039.7; 19-AUG-2008 10:27:27; Dark ; 56.5; 27; 24Gam Ori ; 1.64; 26000;occ; 113; 0;33829
15; 5156.7; 19-AUG-2008 10:29:24; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;33829
16; 5244.0; 19-AUG-2008 10:30:51; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;33829
17; 5346.8; 19-AUG-2008 10:32:34; Dark ; 60.0; 7; 19Bet Ori ; 0.10; 14000;occ; 120; 0;33829
18; 5451.8; 19-AUG-2008 10:34:19; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;33829
19; 5624.8; 19-AUG-2008 10:37:12; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;33829
20; 6307.3; 19-AUG-2008 10:48:35; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;33829
21; 6527.2; 19-AUG-2008 10:52:15; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;33829
22; 6878.1; 19-AUG-2008 10:58:05; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;33829
23; 7069.2; 19-AUG-2008 11:01:17; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;33829
24; 7308.6; 19-AUG-2008 11:05:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;33829
25; 7633.6; 19-AUG-2008 11:10:41; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;33829

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20080819_111403_000058752071_00209_33830_1755.N1

1; 1799.3; 19-AUG-2008 11:14:03; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;33830
2; 1912.1; 19-AUG-2008 11:15:55; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;33830

| | | | | | | | | | | | |
|---|---------|-------------|-----------|---------|---------|------|-----------|---------|------------|------|----------|
| 3; | 2099.6; | 19-AUG-2008 | 11:19:03; | Bright; | 41.0; | 61; | 8Eps Peg | ; 2.10; | 3900;occ; | 82; | 0;33830 |
| 4; | 2494.1; | 19-AUG-2008 | 11:25:37; | Bright; | 36.0; | 92; | 53Eps Cyg | ; 2.50; | 4500;occ; | 72; | 0;33830 |
| 5; | 2593.9; | 19-AUG-2008 | 11:27:17; | Bright; | 37.0; | 66; | 37Gam Cyg | ; 2.21; | 5900;occ; | 74; | 0;33830 |
| 6; | 2686.6; | 19-AUG-2008 | 11:28:50; | Bright; | 38.5; | 19; | 50Alp Cyg | ; 1.25; | 10500;occ; | 77; | 0;33830 |
| 7; | 3003.8; | 19-AUG-2008 | 11:34:07; | Bright; | 38.0; | 89; | 5Alp Cep | ; 2.45; | 8000;occ; | 76; | 0;33830 |
| 8; | 3437.2; | 19-AUG-2008 | 11:41:20; | Bright; | 36.5; | 49; | 1Alp UMi | ; 1.99; | 6300;occ; | 73; | 0;33830 |
| 9; | 4188.3; | 19-AUG-2008 | 11:53:51; | Bright; | 47.0; | 6; | 13Alp Aur | ; 0.08; | 3400;occ; | 94; | 0;33830 |
| 10; | 4371.0; | 19-AUG-2008 | 11:56:54; | Bright; | 39.5; | 107; | 37The Aur | ; 2.65; | 11000;occ; | 79; | 0;33830 |
| 11; | 4563.7; | 19-AUG-2008 | 12:00:07; | Dark | ; 52.0; | 28; | 12Bet Tau | ; 1.65; | 15200;occ; | 104; | 0;33830 |
| 12; | 4735.0; | 19-AUG-2008 | 12:02:58; | Dark | ; 40.0; | 44; | 24Gam Gem | ; 1.93; | 11000;occ; | 80; | 0;33830 |
| 13; | 4956.2; | 19-AUG-2008 | 12:06:39; | Dark | ; 62.0; | 14; | 58Alp Ori | ; 0.87; | 3000;occ; | 124; | 0;33830 |
| 14; | 5040.3; | 19-AUG-2008 | 12:08:03; | Dark | ; 56.0; | 27; | 24Gam Ori | ; 1.64; | 26000;occ; | 112; | 0;33830 |
| 15; | 5157.4; | 19-AUG-2008 | 12:10:01; | Dark | ; 53.0; | 30; | 46Eps Ori | ; 1.69; | 30000;occ; | 106; | 0;33830 |
| 16; | 5244.6; | 19-AUG-2008 | 12:11:28; | Dark | ; 47.5; | 125; | 44Iot Ori | ; 2.77; | 30000;occ; | 95; | 0;33830 |
| 17; | 5347.7; | 19-AUG-2008 | 12:13:11; | Dark | ; 58.0; | 7; | 19Bet Ori | ; 0.10; | 14000;occ; | 116; | 0;33830 |
| 18; | 5452.6; | 19-AUG-2008 | 12:14:56; | Dark | ; 47.0; | 101; | 11Alp Lep | ; 2.58; | 7000;occ; | 94; | 0;33830 |
| 19; | 5625.6; | 19-AUG-2008 | 12:17:49; | Dark | ; 59.5; | 0; | | ; 0.00; | 0;occ; | 119; | 0;33830 |
| 20; | 6308.4; | 19-AUG-2008 | 12:29:12; | Dark | ; 52.0; | 157; | The1Eri | ; 2.91; | 9300;occ; | 104; | 0;33830 |
| 21; | 6527.9; | 19-AUG-2008 | 12:32:51; | Dark | ; 46.5; | 9; | Alp Eri | ; 0.45; | 24000;occ; | 93; | 0;33830 |
| 22; | 6878.9; | 19-AUG-2008 | 12:38:42; | Dark | ; 52.5; | 84; | Alp Phe | ; 2.40; | 4500;occ; | 105; | 0;33830 |
| 23; | 7069.6; | 19-AUG-2008 | 12:41:53; | Dark | ; 39.0; | 31; | Alp Gru | ; 1.73; | 15200;occ; | 78; | 0;33830 |
| 24; | 7308.9; | 19-AUG-2008 | 12:45:52; | Dark | ; 54.0; | 18; | 24Alp PsA | ; 1.17; | 9700;occ; | 108; | 0;33830 |
| 25; | 7633.8; | 19-AUG-2008 | 12:51:17; | Bright; | 41.0; | 142; | 49Del Cap | ; 2.85; | 8900;occ; | 82; | 0;33830 |
| /nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20080819_125137_000057432071_00210_33831_1756.N1 | | | | | | | | | | | |
| 1; | 1618.0; | 19-AUG-2008 | 12:51:37; | Bright; | 41.5; | 142; | 49Del Cap | ; 2.85; | 8900;occ; | 83; | 40;33831 |
| 2; | 1799.4; | 19-AUG-2008 | 12:54:38; | Bright; | 40.0; | 154; | 22Bet Aqr | ; 2.90; | 5700;occ; | 80; | 0;33831 |
| 3; | 1912.0; | 19-AUG-2008 | 12:56:31; | Bright; | 45.0; | 162; | 34Alp Aqr | ; 2.94; | 5350;occ; | 90; | 0;33831 |
| 4; | 2099.4; | 19-AUG-2008 | 12:59:38; | Bright; | 42.5; | 61; | 8Eps Peg | ; 2.10; | 3900;occ; | 85; | 0;33831 |
| 5; | 2494.1; | 19-AUG-2008 | 13:06:13; | Bright; | 38.5; | 92; | 53Eps Cyg | ; 2.50; | 4500;occ; | 77; | 0;33831 |
| 6; | 2593.8; | 19-AUG-2008 | 13:07:53; | Bright; | 37.5; | 66; | 37Gam Cyg | ; 2.21; | 5900;occ; | 75; | 0;33831 |
| 7; | 2686.5; | 19-AUG-2008 | 13:09:26; | Bright; | 35.0; | 19; | 50Alp Cyg | ; 1.25; | 10500;occ; | 70; | 0;33831 |
| 8; | 3003.5; | 19-AUG-2008 | 13:14:43; | Bright; | 38.0; | 89; | 5Alp Cep | ; 2.45; | 8000;occ; | 76; | 0;33831 |
| 9; | 3437.5; | 19-AUG-2008 | 13:21:56; | Bright; | 36.5; | 49; | 1Alp UMi | ; 1.99; | 6300;occ; | 73; | 0;33831 |
| 10; | 4188.2; | 19-AUG-2008 | 13:34:27; | Bright; | 48.5; | 6; | 13Alp Aur | ; 0.08; | 3400;occ; | 97; | 0;33831 |
| 11; | 4371.0; | 19-AUG-2008 | 13:37:30; | Bright; | 40.5; | 107; | 37The Aur | ; 2.65; | 11000;occ; | 81; | 0;33831 |
| 12; | 4564.0; | 19-AUG-2008 | 13:40:43; | Dark | ; 55.5; | 28; | 12Bet Tau | ; 1.65; | 15200;occ; | 111; | 0;33831 |
| 13; | 4735.5; | 19-AUG-2008 | 13:43:35; | Dark | ; 44.0; | 44; | 24Gam Gem | ; 1.93; | 11000;occ; | 88; | 0;33831 |
| 14; | 4956.7; | 19-AUG-2008 | 13:47:16; | Dark | ; 58.5; | 14; | 58Alp Ori | ; 0.87; | 3000;occ; | 117; | 0;33831 |
| 15; | 5041.1; | 19-AUG-2008 | 13:48:40; | Dark | ; 57.5; | 27; | 24Gam Ori | ; 1.64; | 26000;occ; | 115; | 0;33831 |
| 16; | 5158.2; | 19-AUG-2008 | 13:50:37; | Dark | ; 52.5; | 30; | 46Eps Ori | ; 1.69; | 30000;occ; | 105; | 0;33831 |
| 17; | 5245.4; | 19-AUG-2008 | 13:52:04; | Dark | ; 48.0; | 125; | 44Iot Ori | ; 2.77; | 30000;occ; | 96; | 0;33831 |
| 18; | 5348.6; | 19-AUG-2008 | 13:53:48; | Dark | ; 59.5; | 7; | 19Bet Ori | ; 0.10; | 14000;occ; | 119; | 0;33831 |
| 19; | 5453.4; | 19-AUG-2008 | 13:55:32; | Dark | ; 48.0; | 101; | 11Alp Lep | ; 2.58; | 7000;occ; | 96; | 0;33831 |
| 20; | 5626.5; | 19-AUG-2008 | 13:58:25; | Dark | ; 59.0; | 0; | | ; 0.00; | 0;occ; | 118; | 0;33831 |
| 21; | 6309.7; | 19-AUG-2008 | 14:09:49; | Dark | ; 53.5; | 157; | The1Eri | ; 2.91; | 9300;occ; | 107; | 0;33831 |
| 22; | 6528.6; | 19-AUG-2008 | 14:13:28; | Dark | ; 45.0; | 9; | Alp Eri | ; 0.45; | 24000;occ; | 90; | 0;33831 |
| 23; | 6879.7; | 19-AUG-2008 | 14:19:19; | Dark | ; 54.0; | 84; | Alp Phe | ; 2.40; | 4500;occ; | 108; | 0;33831 |
| 24; | 7070.0; | 19-AUG-2008 | 14:22:29; | Dark | ; 39.5; | 31; | Alp Gru | ; 1.73; | 15200;occ; | 79; | 0;33831 |
| 25; | 7309.3; | 19-AUG-2008 | 14:26:28; | Dark | ; 52.5; | 18; | 24Alp PsA | ; 1.17; | 9700;occ; | 105; | 0;33831 |
| /nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20080819_143153_000055112071_00211_33832_1757.N1 | | | | | | | | | | | |
| 1; | 1598.1; | 19-AUG-2008 | 14:31:53; | Bright; | 41.5; | 142; | 49Del Cap | ; 2.85; | 8900;occ; | 83; | 0;33832 |
| 2; | 1799.5; | 19-AUG-2008 | 14:35:14; | Bright; | 40.5; | 154; | 22Bet Aqr | ; 2.90; | 5700;occ; | 81; | 0;33832 |
| 3; | 1911.9; | 19-AUG-2008 | 14:37:07; | Bright; | 45.5; | 162; | 34Alp Aqr | ; 2.94; | 5350;occ; | 91; | 0;33832 |
| 4; | 2099.3; | 19-AUG-2008 | 14:40:14; | Bright; | 42.5; | 61; | 8Eps Peg | ; 2.10; | 3900;occ; | 85; | 0;33832 |
| 5; | 2494.0; | 19-AUG-2008 | 14:46:49; | Bright; | 37.5; | 92; | 53Eps Cyg | ; 2.50; | 4500;occ; | 75; | 0;33832 |
| 6; | 2593.8; | 19-AUG-2008 | 14:48:29; | Bright; | 35.5; | 66; | 37Gam Cyg | ; 2.21; | 5900;occ; | 71; | 0;33832 |
| 7; | 2686.4; | 19-AUG-2008 | 14:50:01; | Bright; | 37.5; | 19; | 50Alp Cyg | ; 1.25; | 10500;occ; | 75; | 0;33832 |
| 8; | 3003.4; | 19-AUG-2008 | 14:55:18; | Bright; | 37.0; | 89; | 5Alp Cep | ; 2.45; | 8000;occ; | 74; | 0;33832 |
| 9; | 3437.5; | 19-AUG-2008 | 15:02:32; | Bright; | 34.0; | 49; | 1Alp UMi | ; 1.99; | 6300;occ; | 68; | 0;33832 |
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11; 3436.7; 21-AUG-2008 20:41:41; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;33864
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11; 7035.4; 23-AUG-2008 12:15:26; Dark ; 92.5; 31; Alp Gru ; 1.73; 15200;occ; 185; 0;33887
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5; 2634.1; 23-AUG-2008 12:42:41; Bright; 84.0; 144; 18Del Cyg ; 2.86; 11000;occ; 168; 0;33888
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17; 6820.7; 23-AUG-2008 13:52:27; Dark ; 90.0; 148; Alp Tuc ; 2.88; 4100;occ; 180; 0;33888
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3; 2030.7; 23-AUG-2008 14:13:13; Bright; 98.5; 61; 8Eps Peg ; 2.10; 3900;occ; 197; 0;33889
4; 2437.9; 23-AUG-2008 14:20:00; Bright; 85.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 171; 0;33889
5; 2634.4; 23-AUG-2008 14:23:17; Bright; 84.0; 144; 18Del Cyg ; 2.86; 11000;occ; 168; 0;33889
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4; 1903.4; 23-AUG-2008 15:51:42; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;33890
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7; 2592.7; 23-AUG-2008 16:03:11; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;33890
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3; 1605.0; 23-AUG-2008 17:27:19; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;33891
4; 1800.6; 23-AUG-2008 17:30:35; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;33891
5; 1903.4; 23-AUG-2008 17:32:18; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;33891
6; 2087.4; 23-AUG-2008 17:35:22; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;33891

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13; 4436.2; 23-AUG-2008 19:55:06; Bright; 35.0; 24; 66Alp Gem ; 1.58; 10200;occ; 70; 0;33892
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7; 535.1; 24-AUG-2008 01:32:29; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;33896
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 4; 2486.1; 28-AUG-2008 10:02:07; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;33958
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