

GOMOS Daily Report 27-FEB-2012

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	29FEB2012 07:00:29
Data source version	GOMOS/6.01
Start time of products	27FEB2012 00:36:29
Stop time of products	27FEB2012 23:59:52
Store outputs in DB	Yes
Nb of level 1b prods	18
Nb of prods with errors	0

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

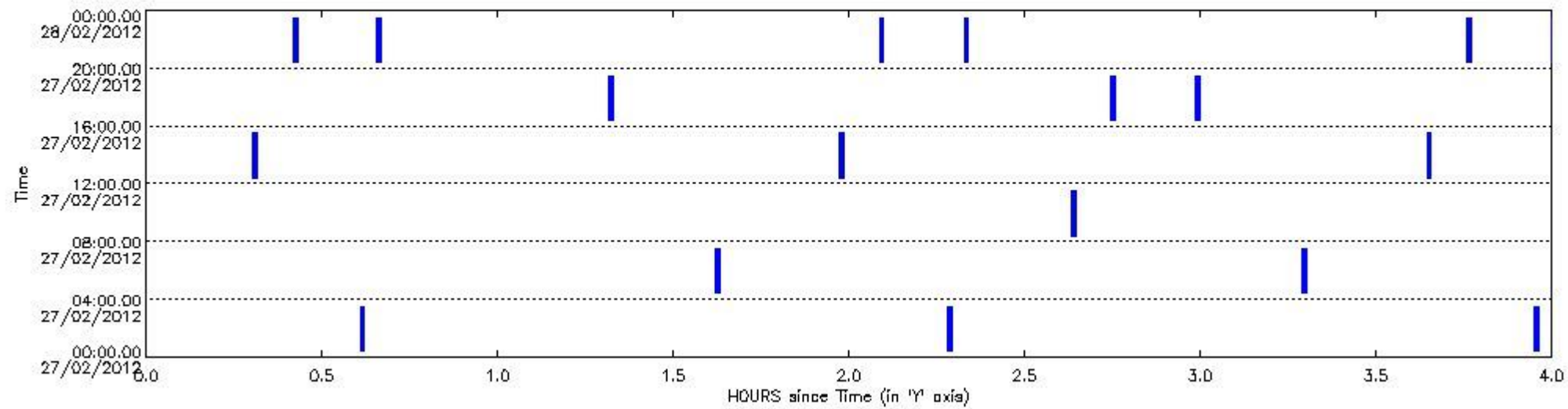
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

No missing products.

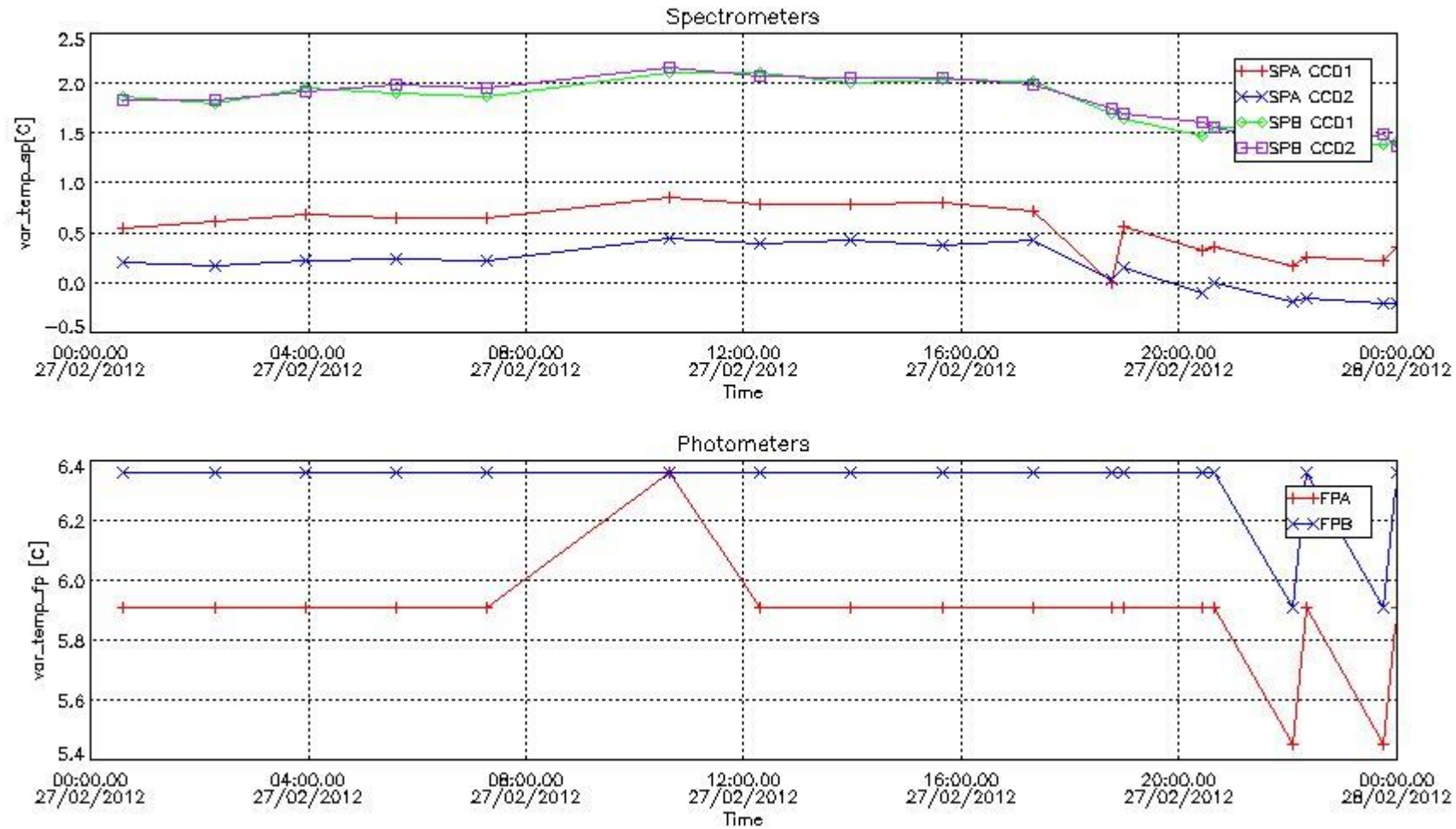
2.4 Summary of processed GOM_TRA_1P products

!Warning: No products without errors in BRIGHT limb conditions found

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20120227_003629_000000413112_00103_52272_2680.N1	27-FEB-2012 00:36:29	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52272	No
2	GOM_TRA_1PNPDE20120227_021643_000000453112_00104_52273_2704.N1	27-FEB-2012 02:16:43	Dark	44.500	10	Bet Cen	0.61000	28000.	89	52273	No
3	GOM_TRA_1PNPDE20120227_035658_000000453112_00105_52274_2758.N1	27-FEB-2012 03:56:58	Dark	44.500	10	Bet Cen	0.61000	28000.	89	52274	No
4	GOM_TRA_1PNPDE20120227_053712_000000423112_00106_52275_2801.N1	27-FEB-2012 05:37:12	Dark	41.500	10	Bet Cen	0.61000	28000.	83	52275	No
5	GOM_TRA_1PNPDK20120227_071727_000000433112_00107_52276_7215.N1	27-FEB-2012 07:17:27	Dark	43.000	10	Bet Cen	0.61000	28000.	86	52276	No
6	GOM_TRA_1PNPDK20120227_103756_000000483112_00109_52278_7268.N1	27-FEB-2012 10:37:56	Dark	47.500	10	Bet Cen	0.61000	28000.	95	52278	No
7	GOM_TRA_1PNPDK20120227_121810_000000413112_00110_52279_7294.N1	27-FEB-2012 12:18:10	Dark	40.500	10	Bet Cen	0.61000	28000.	81	52279	No
8	GOM_TRA_1PNPDK20120227_135825_000000433112_00111_52280_7325.N1	27-FEB-2012 13:58:25	Dark	43.000	10	Bet Cen	0.61000	28000.	86	52280	No
9	GOM_TRA_1PNPDK20120227_153839_000000433112_00112_52281_7337.N1	27-FEB-2012 15:38:39	Dark	43.000	10	Bet Cen	0.61000	28000.	86	52281	No
10	GOM_TRA_1PNPDK20120227_171854_000000433112_00113_52282_7388.N1	27-FEB-2012 17:18:54	Dark	43.000	10	Bet Cen	0.61000	28000.	86	52282	No
11	GOM_TRA_1PNPDK20120227_184444_000000423112_00113_52282_7428.N1	27-FEB-2012 18:44:44	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	52282	No

12	GOM_TRA_1PNPDK20120227_185909_000000433112_00114_52283_7429.N1	27-FEB-2012 18:59:09	Dark	42.500	10	Bet Cen	0.61000	28000.	85	52283	No
13	GOM_TRA_1PNPDK20120227_202458_000000473112_00114_52283_7465.N1	27-FEB-2012 20:24:58	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	52283	No
14	GOM_TRA_1PNPDK20120227_203923_000000423112_00115_52284_7466.N1	27-FEB-2012 20:39:23	Dark	41.500	10	Bet Cen	0.61000	28000.	83	52284	No
15	GOM_TRA_1PNPDE20120227_220513_000000423112_00115_52284_3013.N1	27-FEB-2012 22:05:13	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	52284	No
16	GOM_TRA_1PNPDE20120227_221938_000000453112_00116_52285_3014.N1	27-FEB-2012 22:19:38	Dark	44.500	10	Bet Cen	0.61000	28000.	89	52285	No
17	GOM_TRA_1PNPDE20120227_234527_000000453112_00116_52285_3039.N1	27-FEB-2012 23:45:27	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	52285	No
18	GOM_TRA_1PNPDE20120227_235952_000000443112_00117_52286_3040.N1	27-FEB-2012 23:59:52	Dark	43.500	10	Bet Cen	0.61000	28000.	87	52286	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).

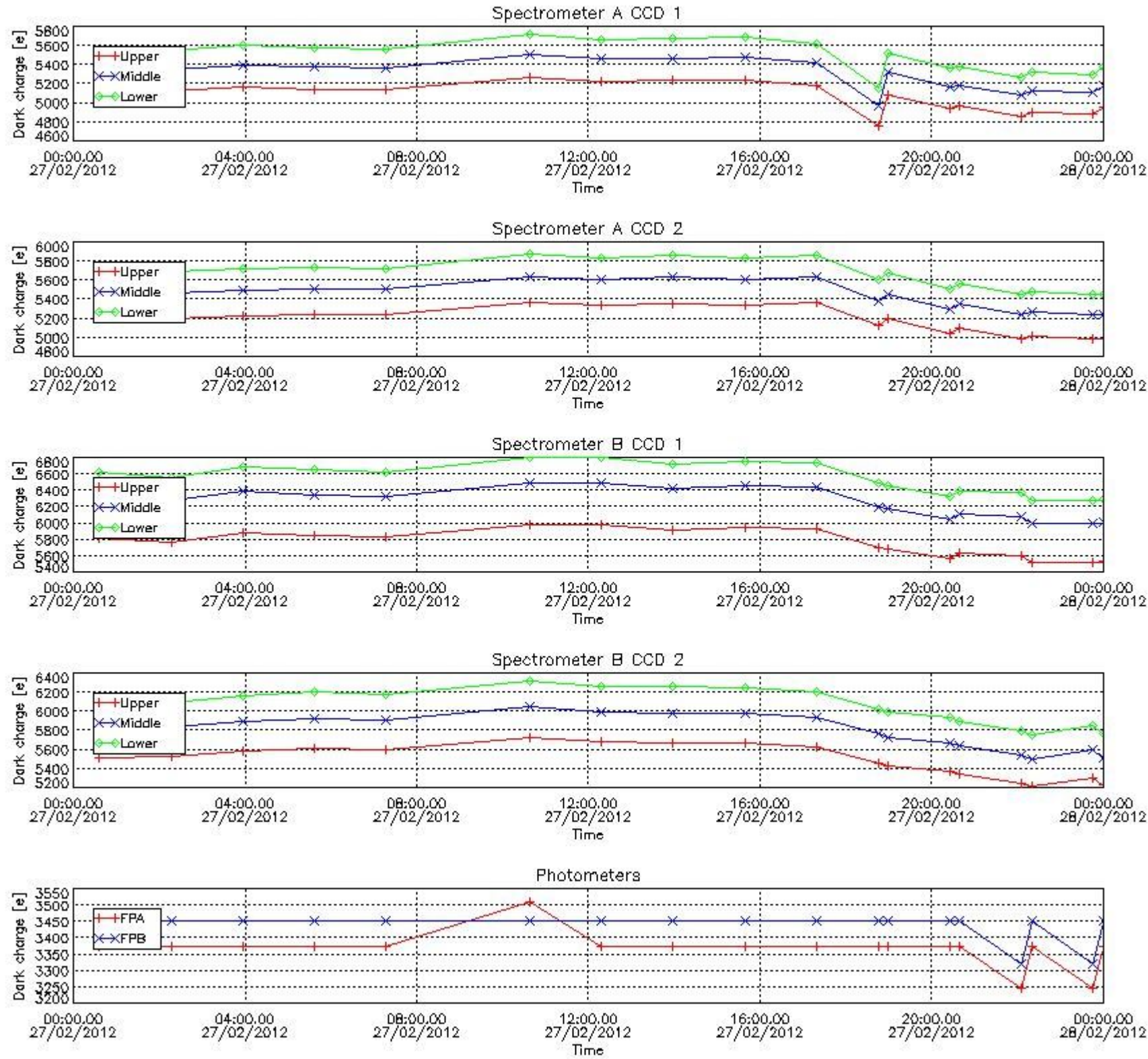
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20120227_003629_000000413112_00103_52272_2680.N1	DC map used
GOM_TRA_1PNPDE20120227_021643_000000453112_00104_52273_2704.N1	DC map used
GOM_TRA_1PNPDE20120227_035658_000000453112_00105_52274_2758.N1	DC map used

GOM_TRA_1PNPDE20120227_053712_000000423112_00106_52275_2801.N1	DC map used
GOM_TRA_1PNPDK20120227_071727_000000433112_00107_52276_7215.N1	DC map used
GOM_TRA_1PNPDK20120227_103756_000000483112_00109_52278_7268.N1	DC map used
GOM_TRA_1PNPDK20120227_121810_000000413112_00110_52279_7294.N1	DC map used
GOM_TRA_1PNPDK20120227_135825_000000433112_00111_52280_7325.N1	DC map used
GOM_TRA_1PNPDK20120227_153839_000000433112_00112_52281_7337.N1	DC map used
GOM_TRA_1PNPDK20120227_171854_000000433112_00113_52282_7388.N1	DC map used
GOM_TRA_1PNPDK20120227_184444_000000423112_00113_52282_7428.N1	DC map used
GOM_TRA_1PNPDK20120227_185909_000000433112_00114_52283_7429.N1	DC map used
GOM_TRA_1PNPDK20120227_202458_000000473112_00114_52283_7465.N1	DC map used
GOM_TRA_1PNPDK20120227_203923_000000423112_00115_52284_7466.N1	DC map used
GOM_TRA_1PNPDE20120227_220513_000000423112_00115_52284_3013.N1	DC map used
GOM_TRA_1PNPDE20120227_221938_000000453112_00116_52285_3014.N1	DC map used
GOM_TRA_1PNPDE20120227_234527_000000453112_00116_52285_3039.N1	DC map used
GOM_TRA_1PNPDE20120227_235952_000000443112_00117_52286_3040.N1	DC map used

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



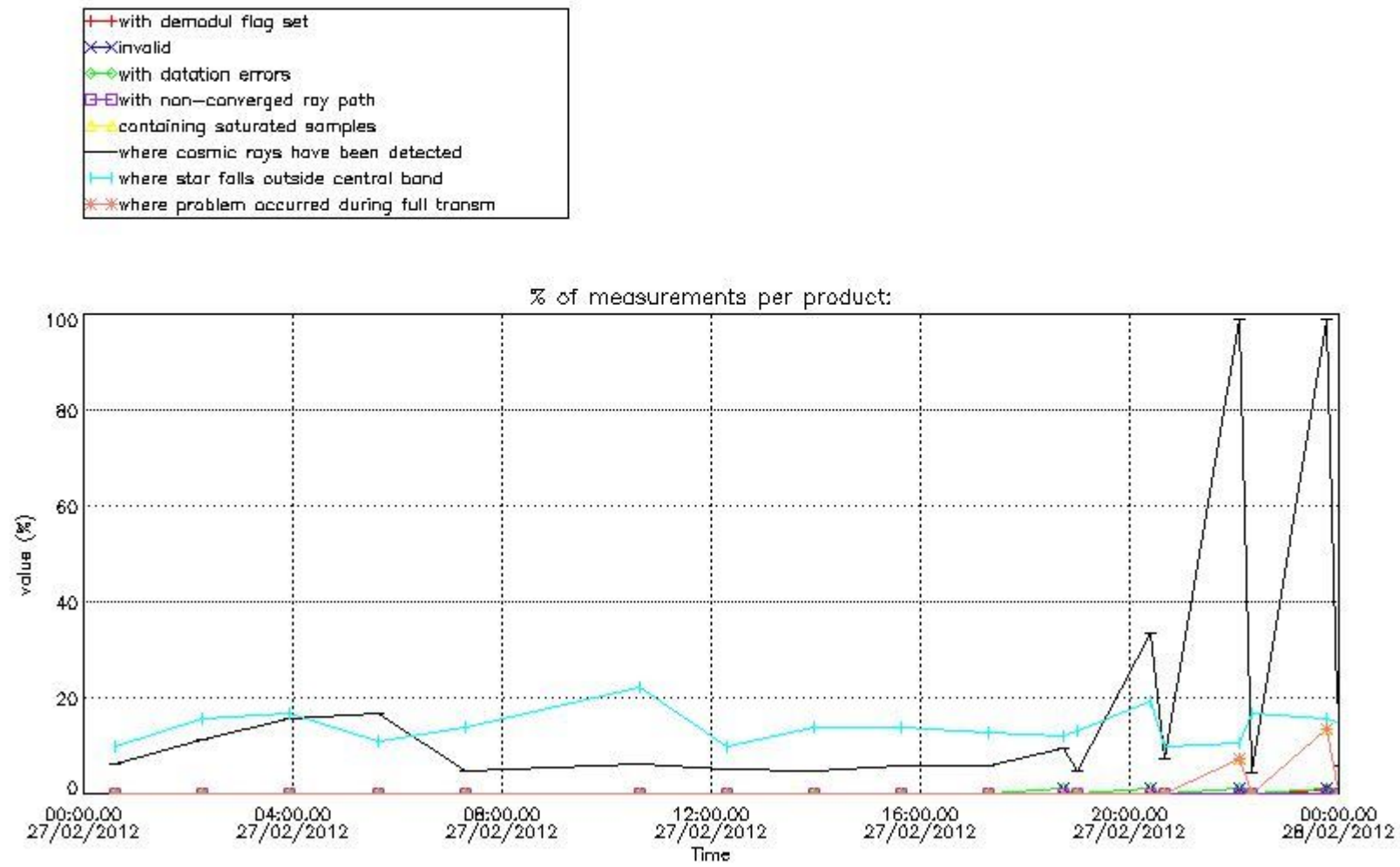
5. Demodulation flag and quality information monitoring

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.

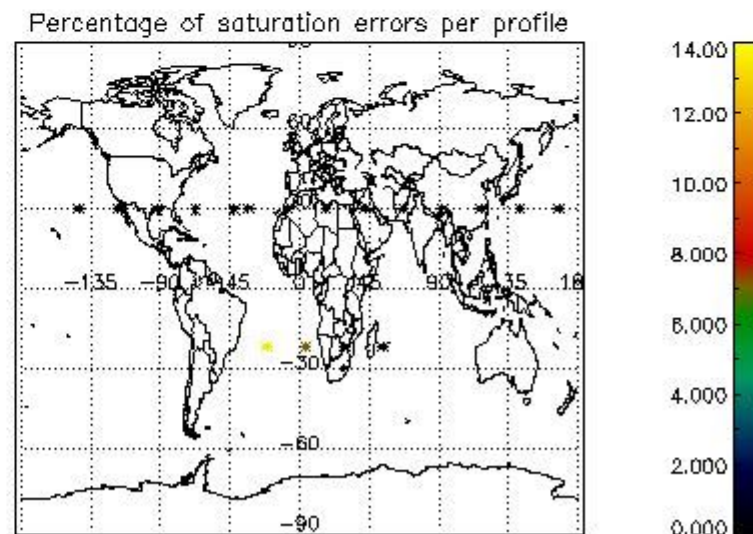
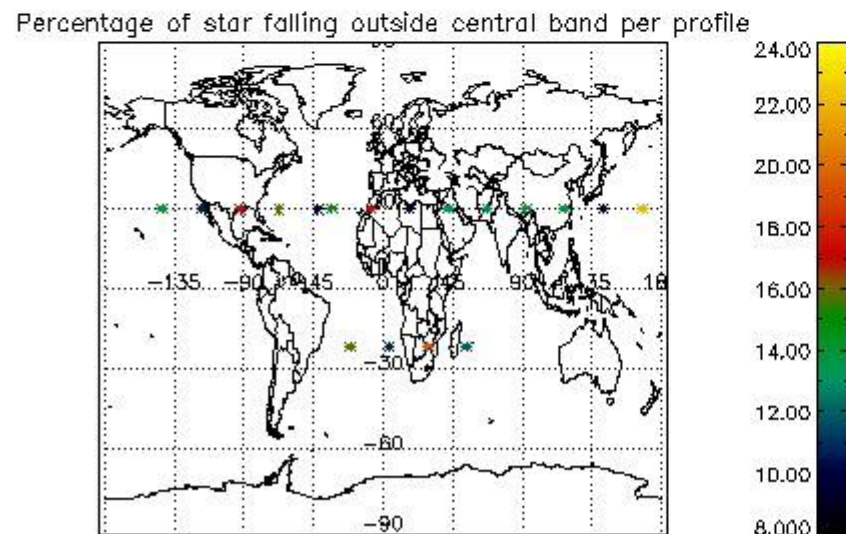
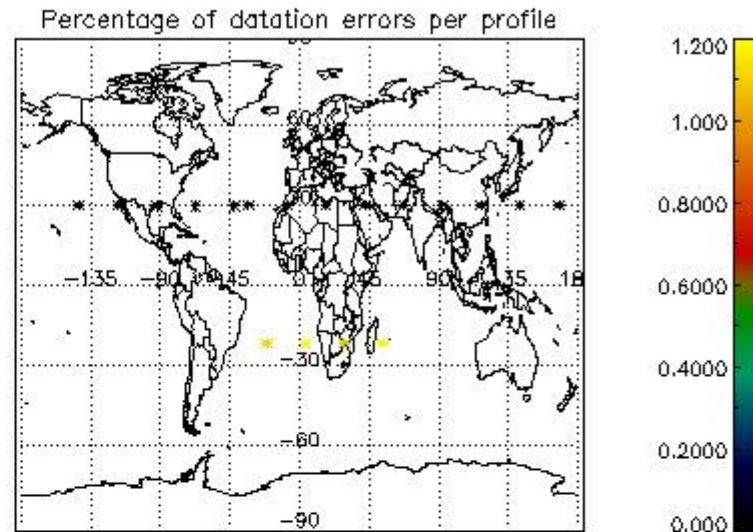
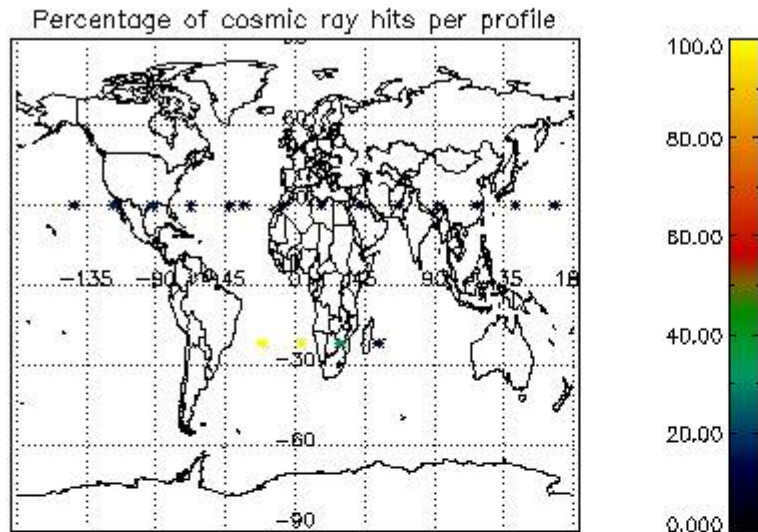
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	83.3333 %
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)



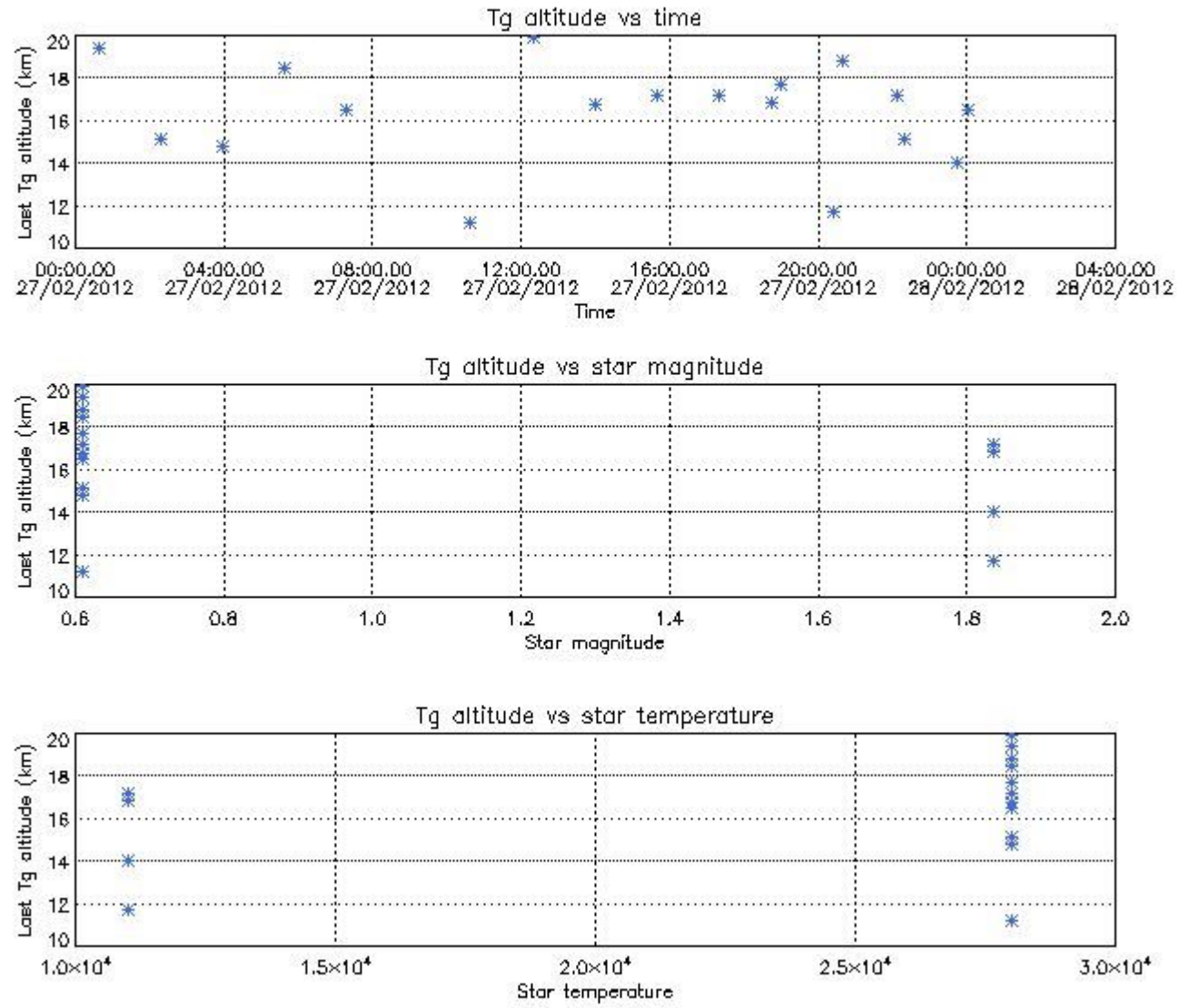
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.344	NaN	NaN
St. deviation:	2.3694	NaN	NaN
Maximum:	19.881	NaN	NaN
Minimum:	11.156	NaN	NaN
Number of data:	18.000	NaN	NaN

6.2 Plot for DARK limb products

Tangent altitude at which the star is lost

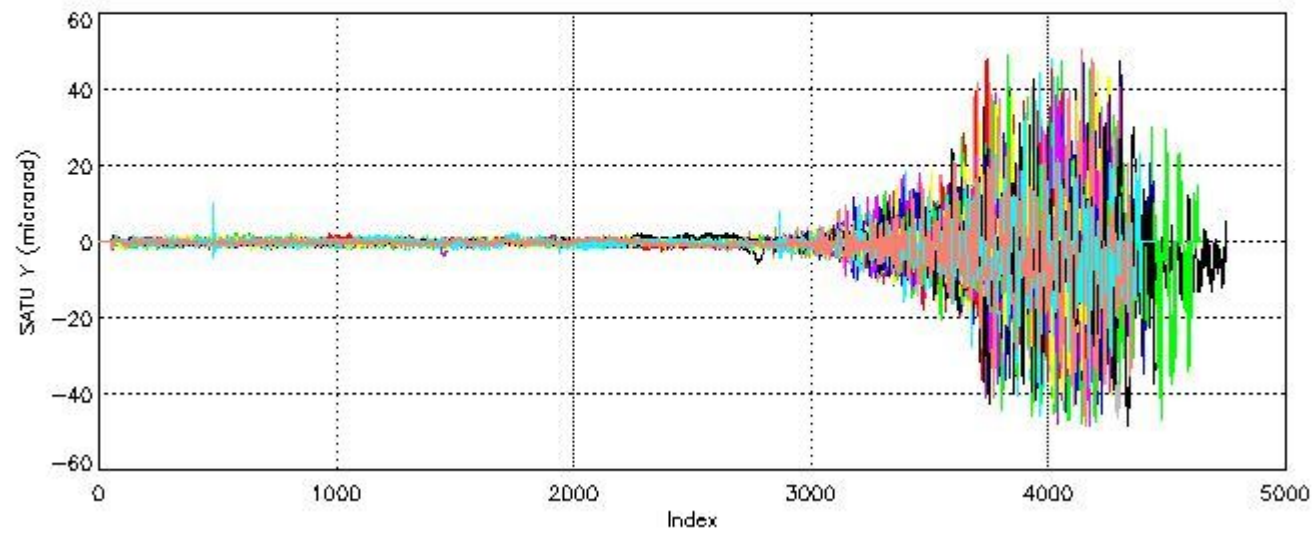
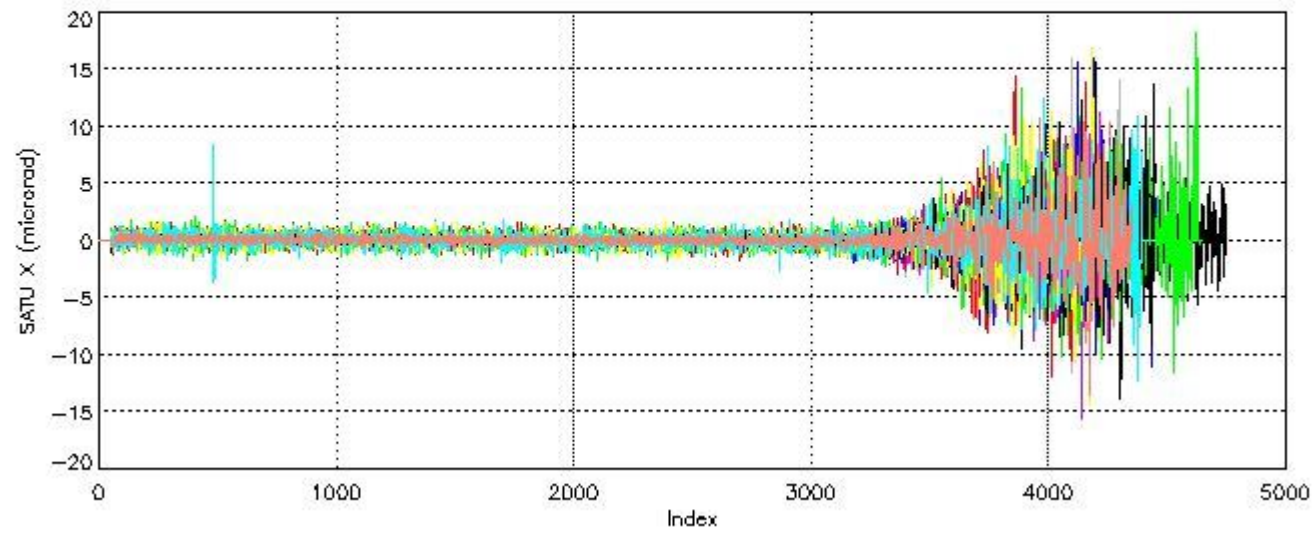


7. Star Acquisition and Tracking Unit (SATU)

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:	0.11176	-0.21496	NaN	NaN
St. deviation:	0.30657	0.46739	NaN	NaN
Maximum:	8.5000	9.8000	NaN	NaN
Minimum:	-3.6000	-4.4000	NaN	NaN

Number of data:	17500.	17500.	NaN	NaN
90Percentile:	0.50000	0.40000	NaN	NaN

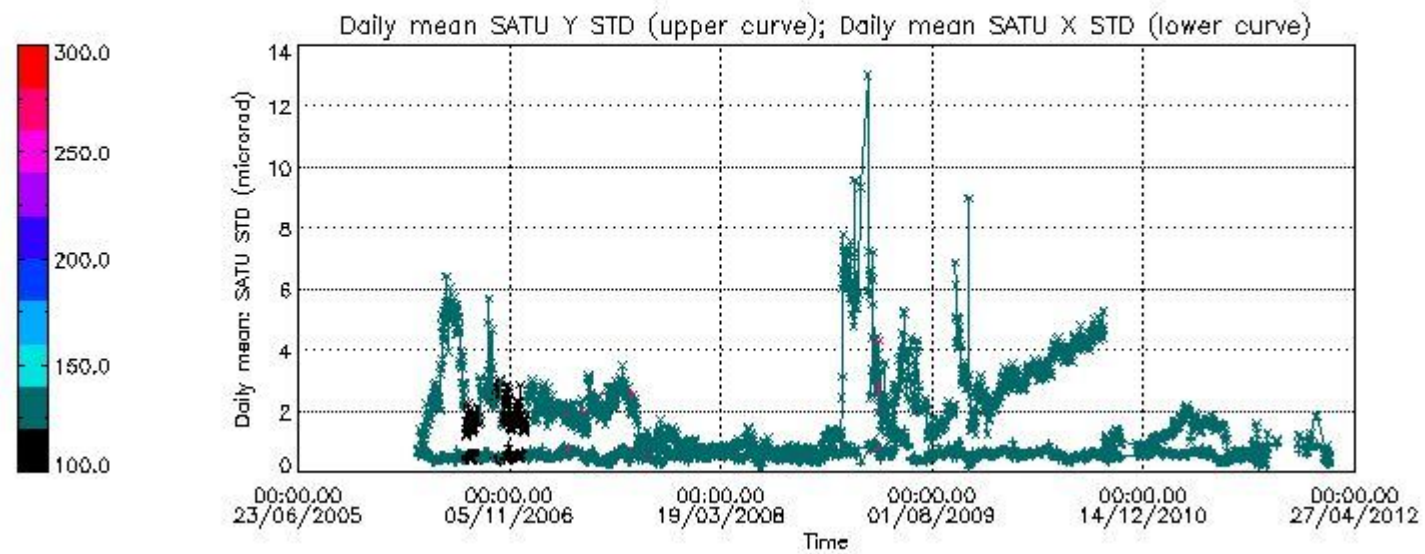
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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.

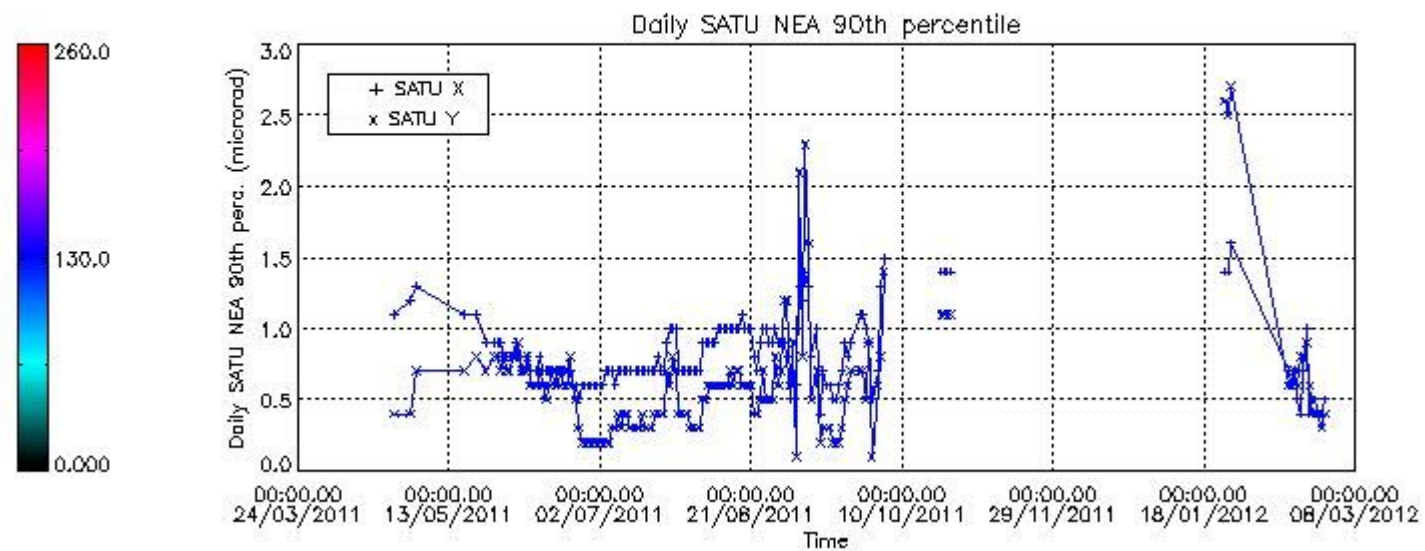
Upper curve: STD of SATU Y axis

Lower curve: STD of SATU X axis



Lower curve: 90th percentile of SATU Y axis

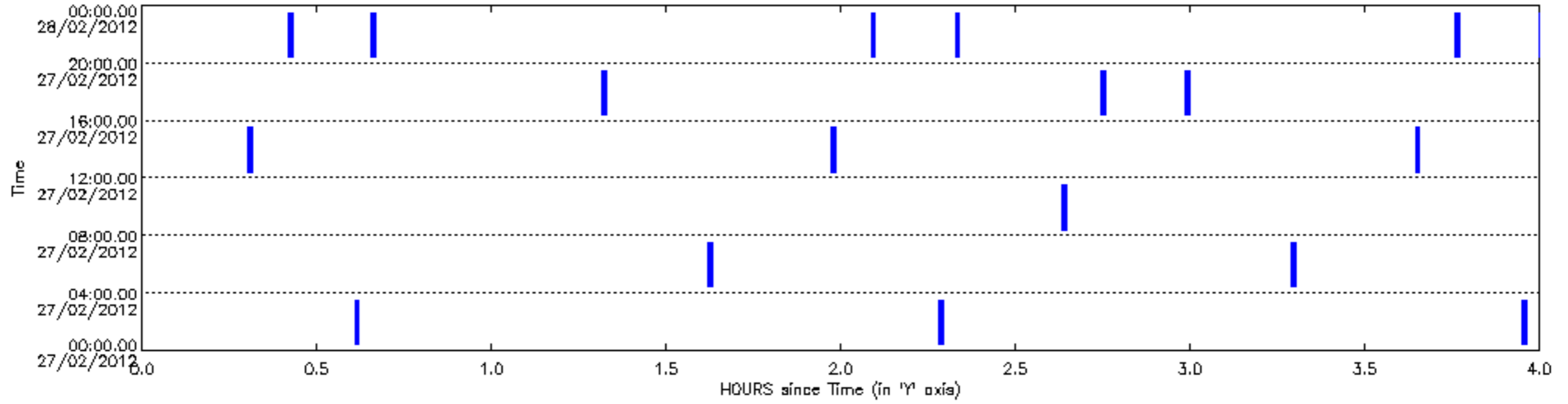
Upper curve: 90th percentile of SATU X axis

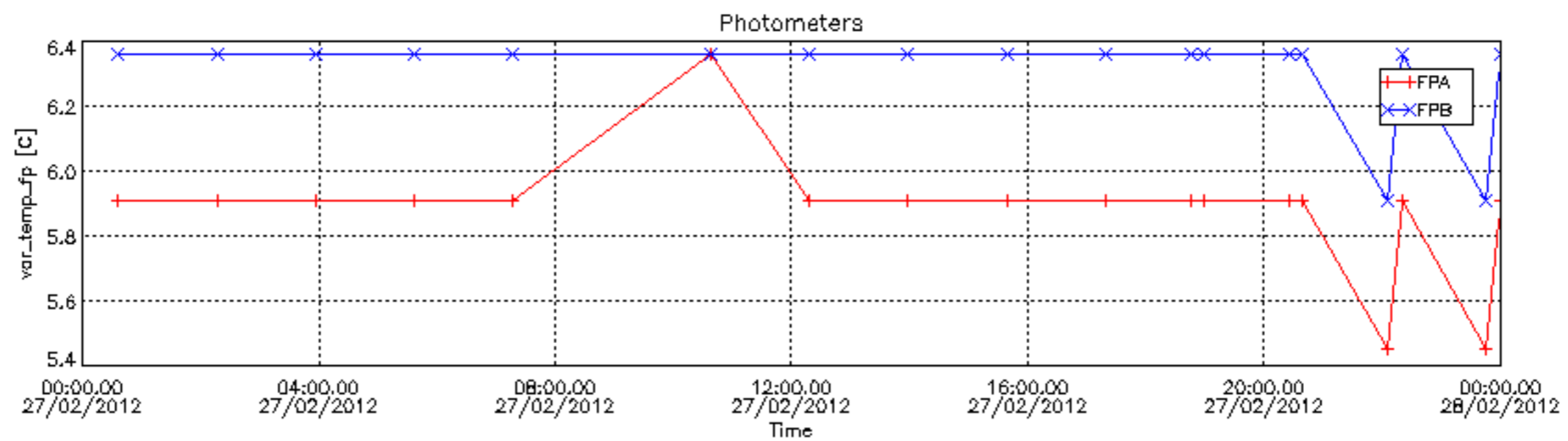
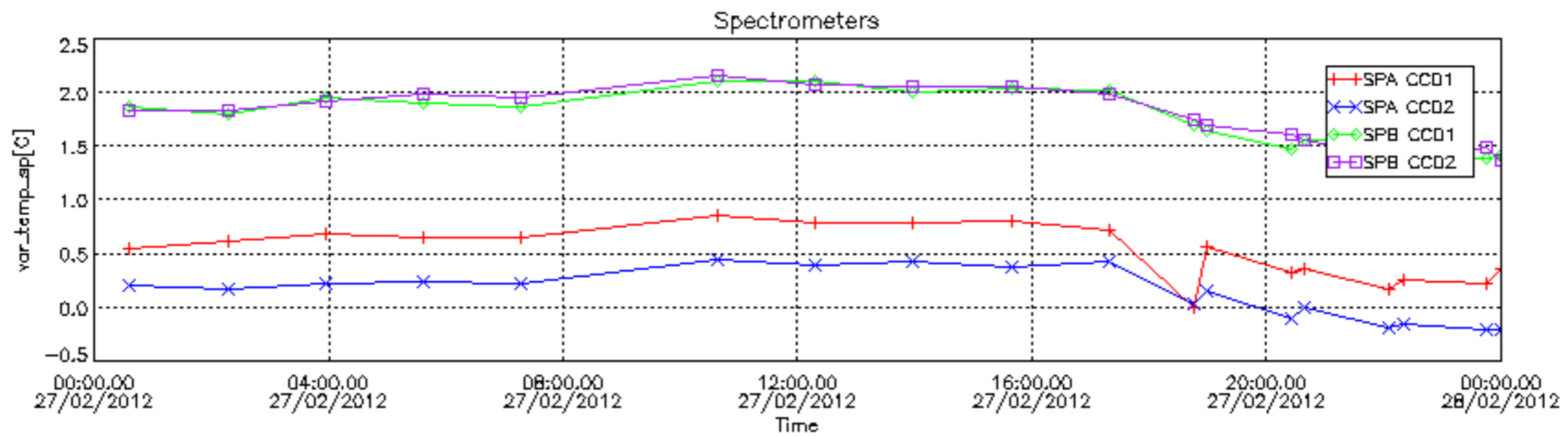


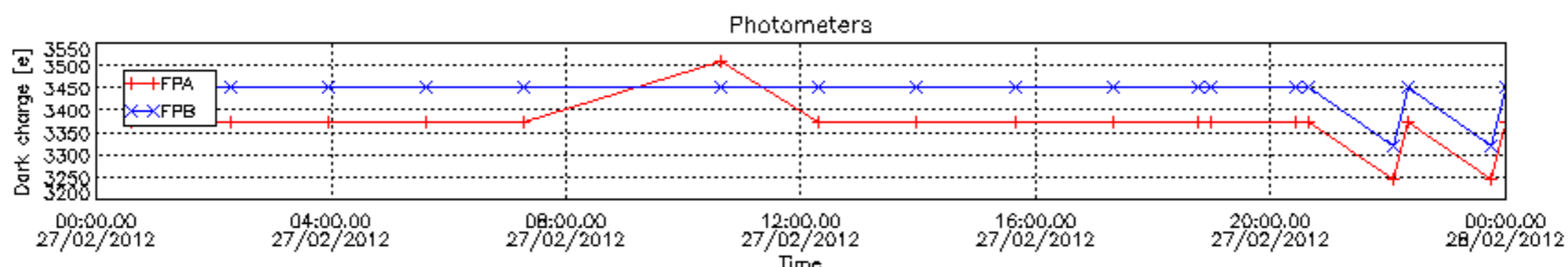
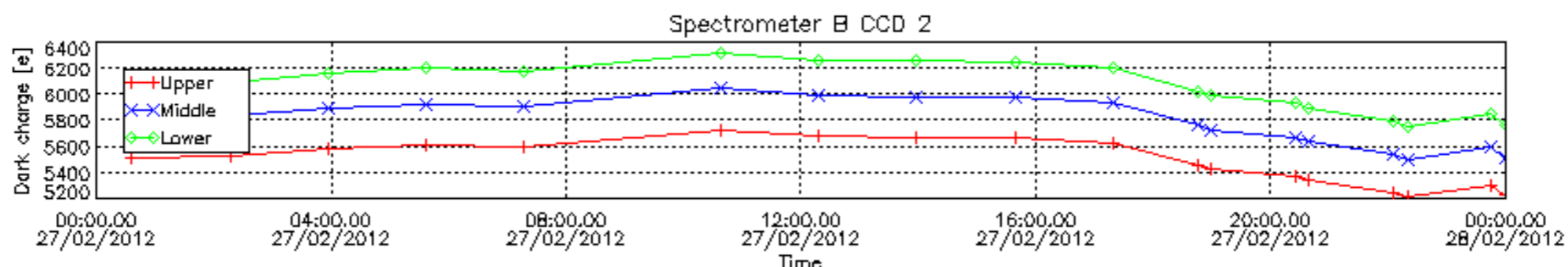
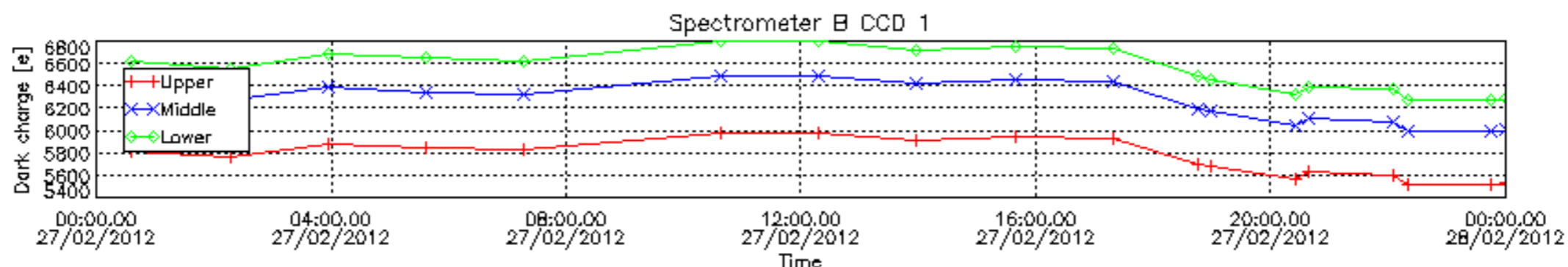
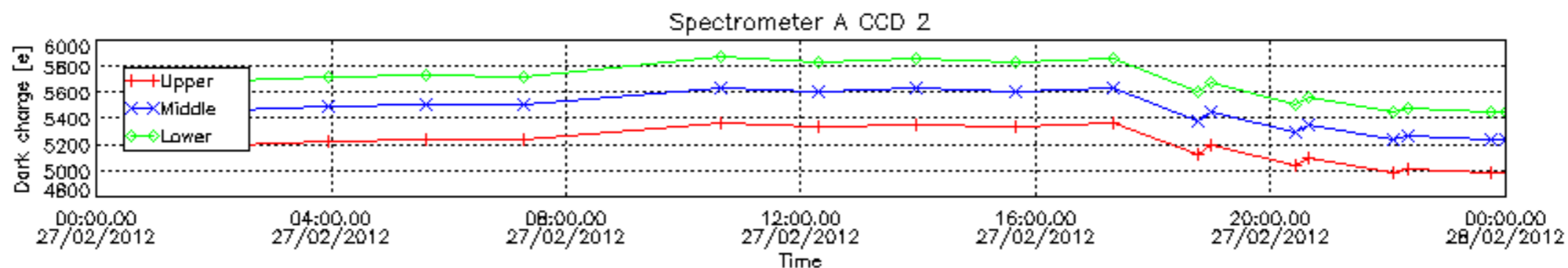
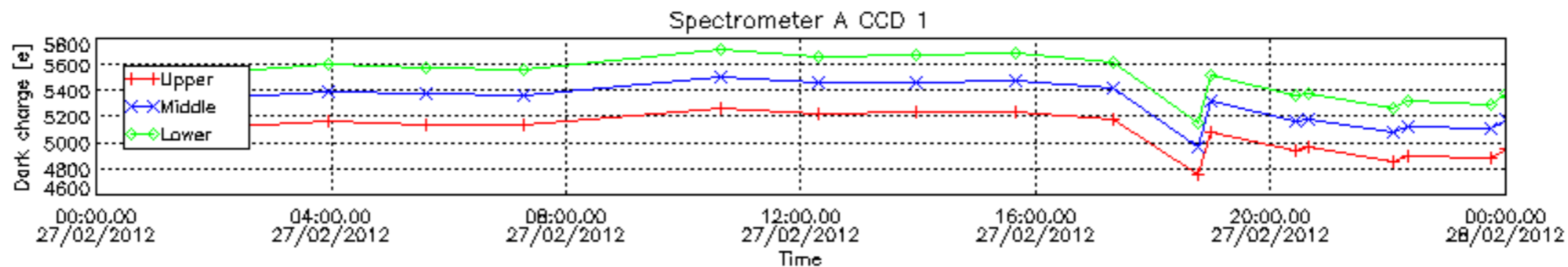
8. Auxiliary Data Files used for the production reported in section 2.4

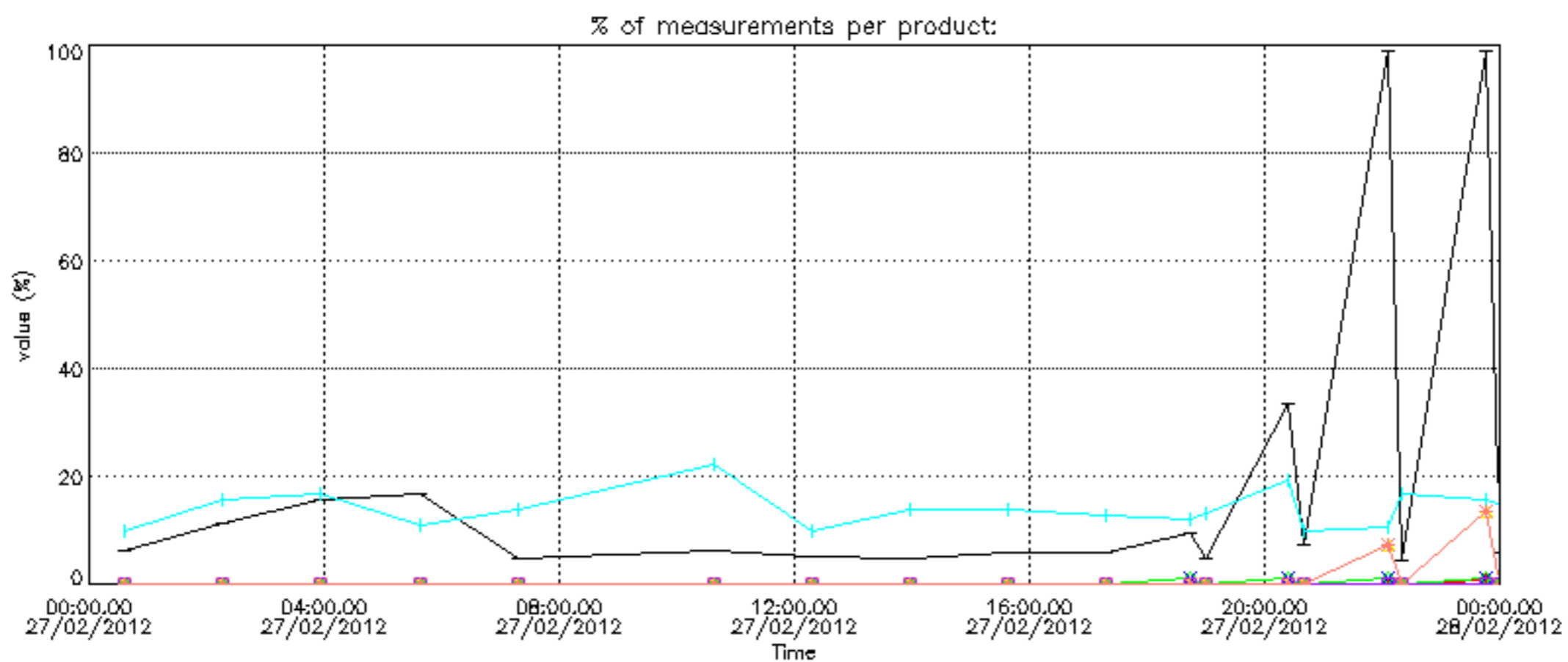
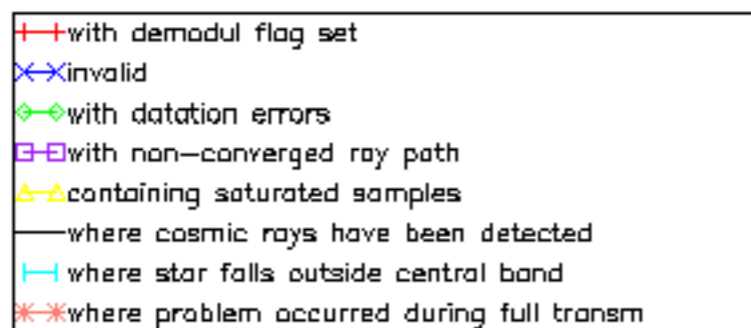
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	27-FEB-2012 00:36:29
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20120130_103112_20120125_000000_20500101_000000	1	27-FEB-2012 00:36:29
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	27-FEB-2012 00:36:29
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	27-FEB-2012 00:36:29
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	27-FEB-2012 00:36:29
ECMWF_FILE	AUX_ECF_AXNECM20120226_062116_20120226_210000_20120227_090000	1	27-FEB-2012 00:36:29
ECMWF_FILE	AUX_ECF_AXNECM20120226_182116_20120227_030000_20120227_150000	3	27-FEB-2012 03:56:58
ECMWF_FILE	AUX_ECA_AXNECM20120227_062114_20120226_210000_20120227_090000	4	27-FEB-2012 05:37:12
ECMWF_FILE	AUX_ECF_AXNECM20120227_062115_20120227_090000_20120227_210000	6	27-FEB-2012 10:37:56
ECMWF_FILE	AUX_ECF_AXNECM20120227_062115_20120227_150000_20120228_030000	9	27-FEB-2012 15:38:39
ECMWF_FILE	AUX_ECA_AXNECM20120227_181245_20120227_090000_20120227_210000	11	27-FEB-2012 18:44:44
ECMWF_FILE	AUX_ECF_AXNECM20120227_062116_20120227_210000_20120228_090000	15	27-FEB-2012 22:05:13
OPTIONAL_ECMWF_FILE	MISSING	1	27-FEB-2012 00:36:29
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120224_112114_20120223_193730_20120304_201058	1	27-FEB-2012 00:36:29
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120227_113243_20120226_192730_20120307_200057	7	27-FEB-2012 12:18:10

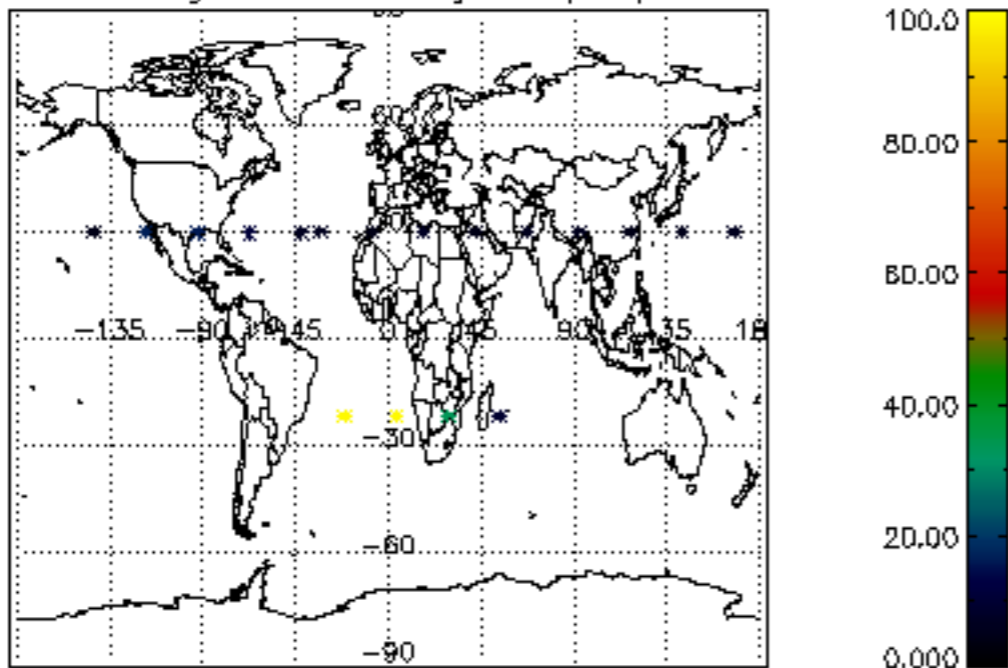




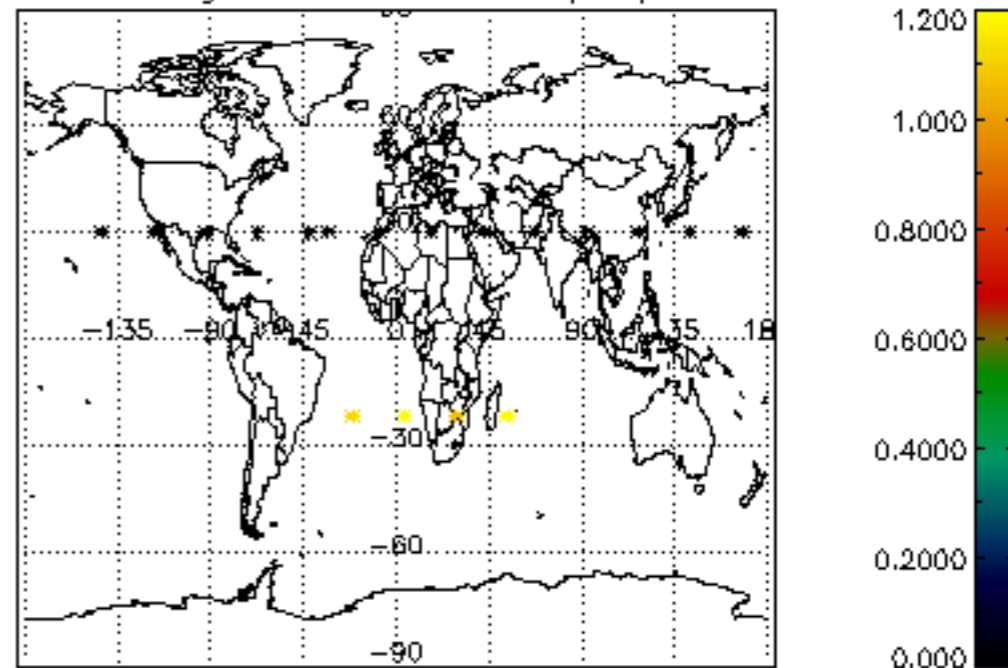




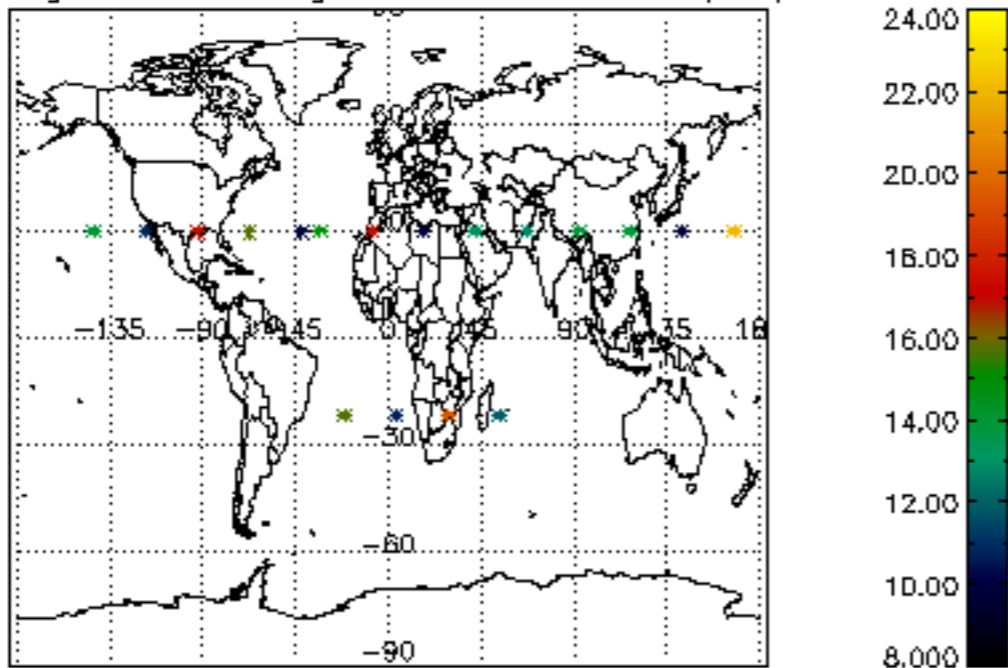
Percentage of cosmic ray hits per profile



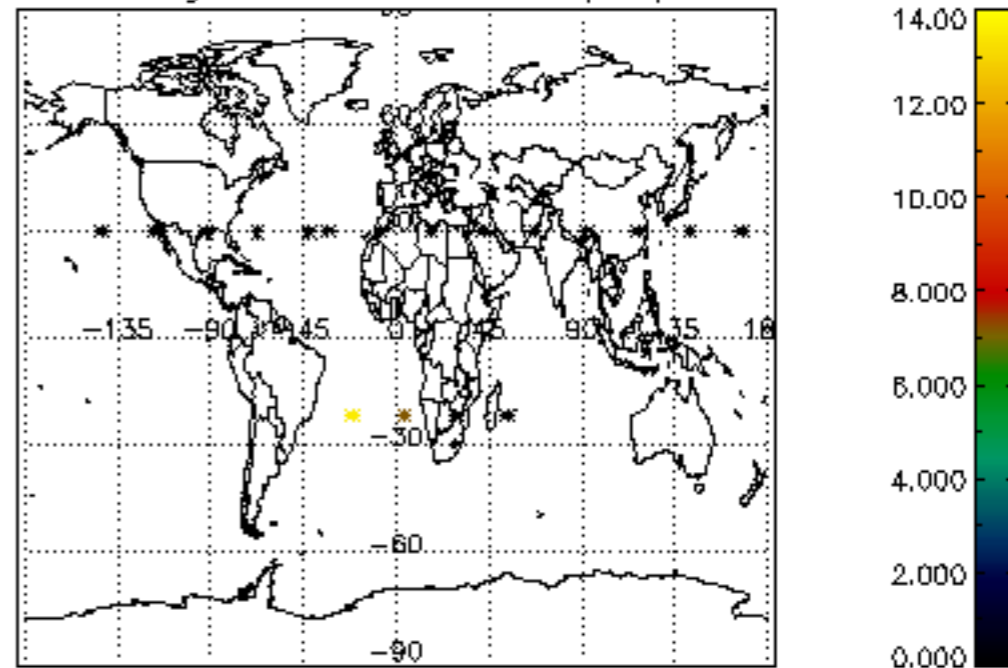
Percentage of datation errors per profile



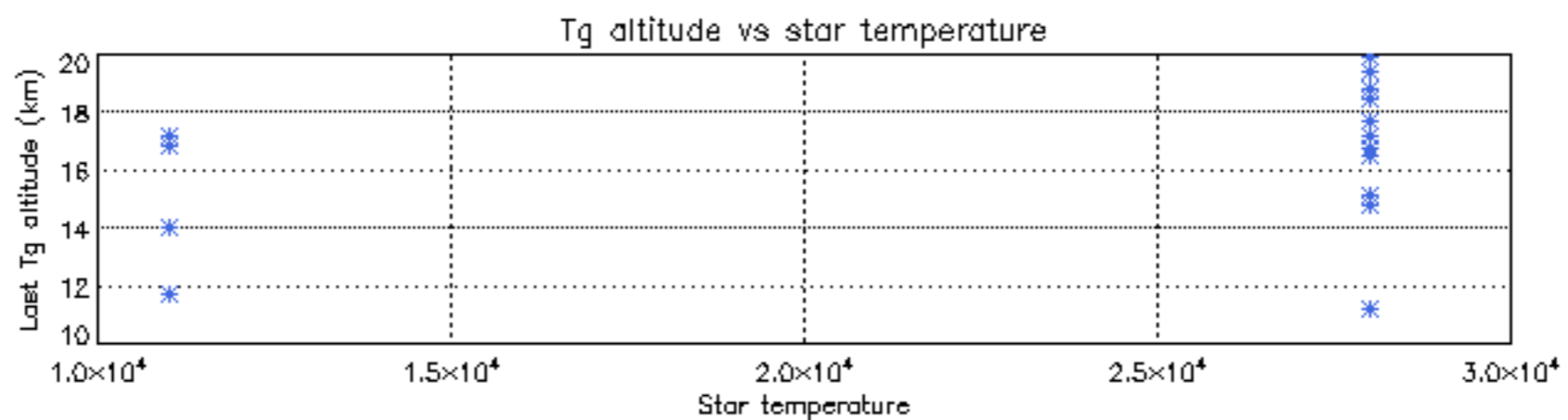
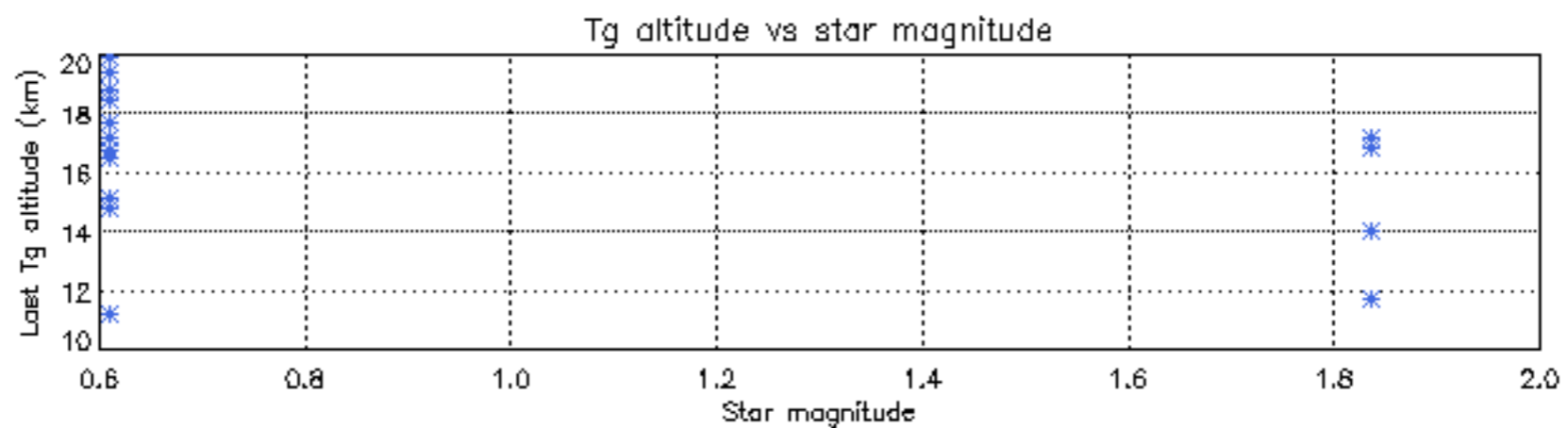
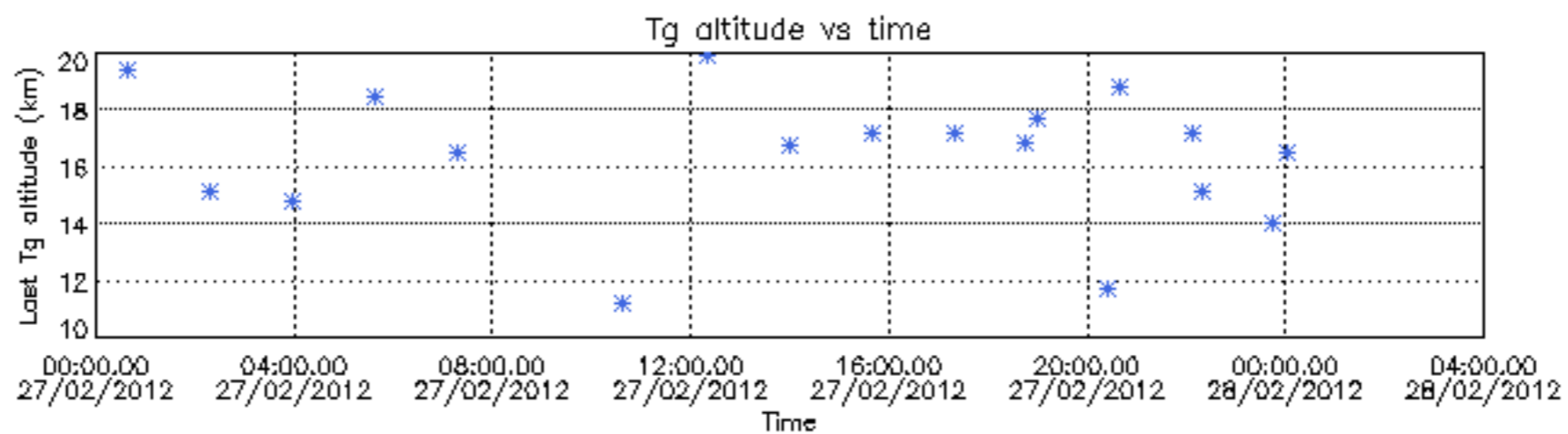
Percentage of star falling outside central band per profile

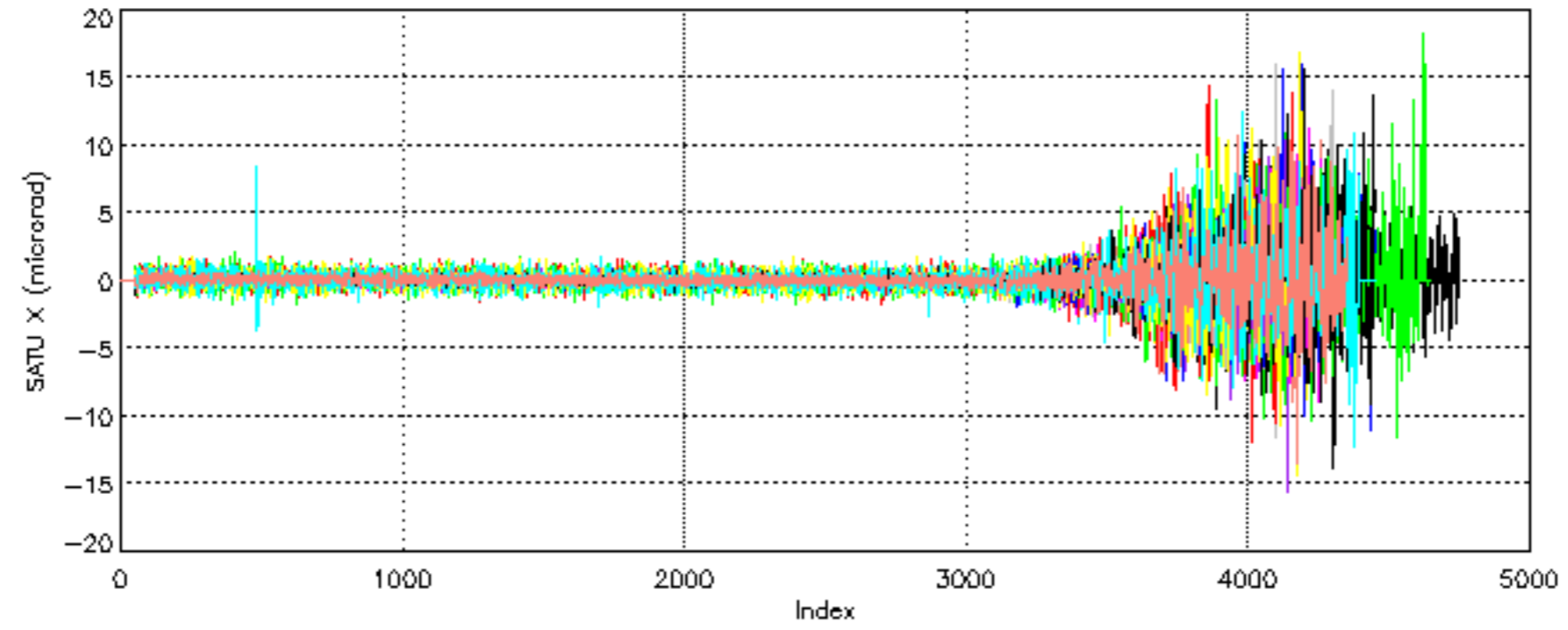


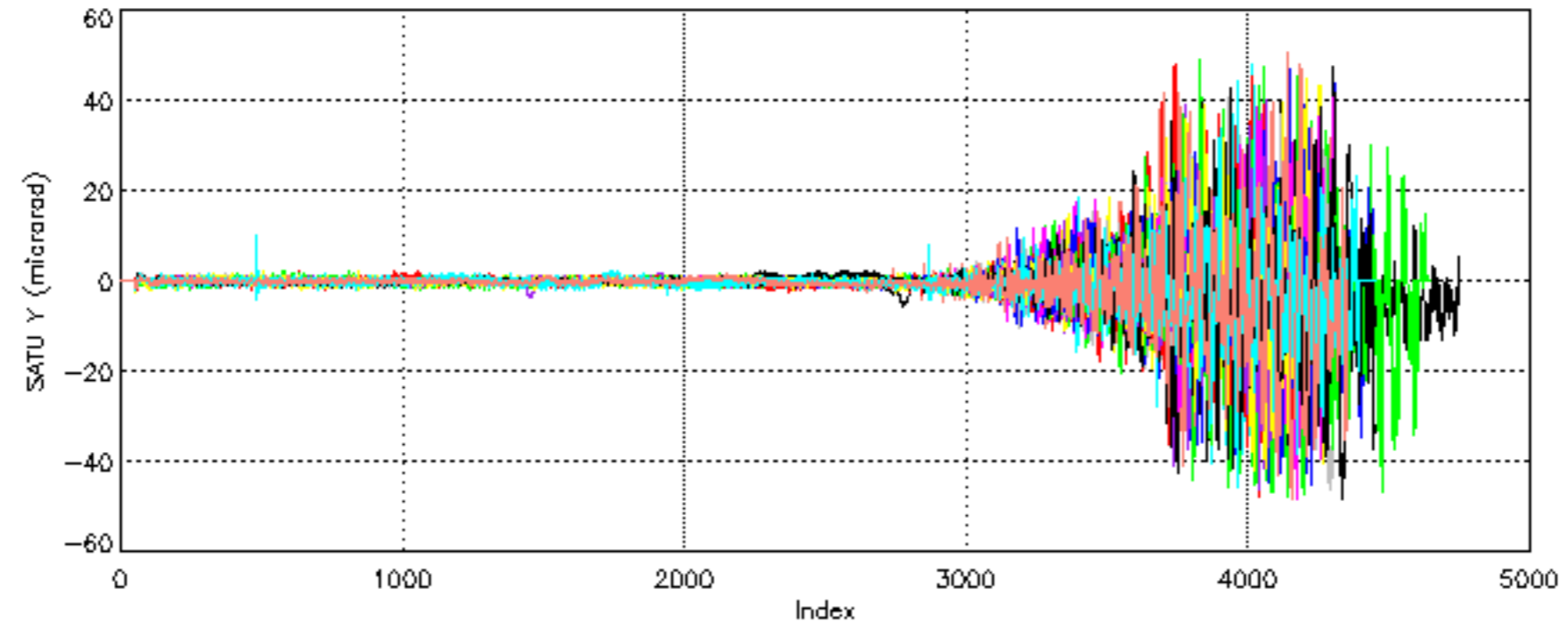
Percentage of saturation errors per profile

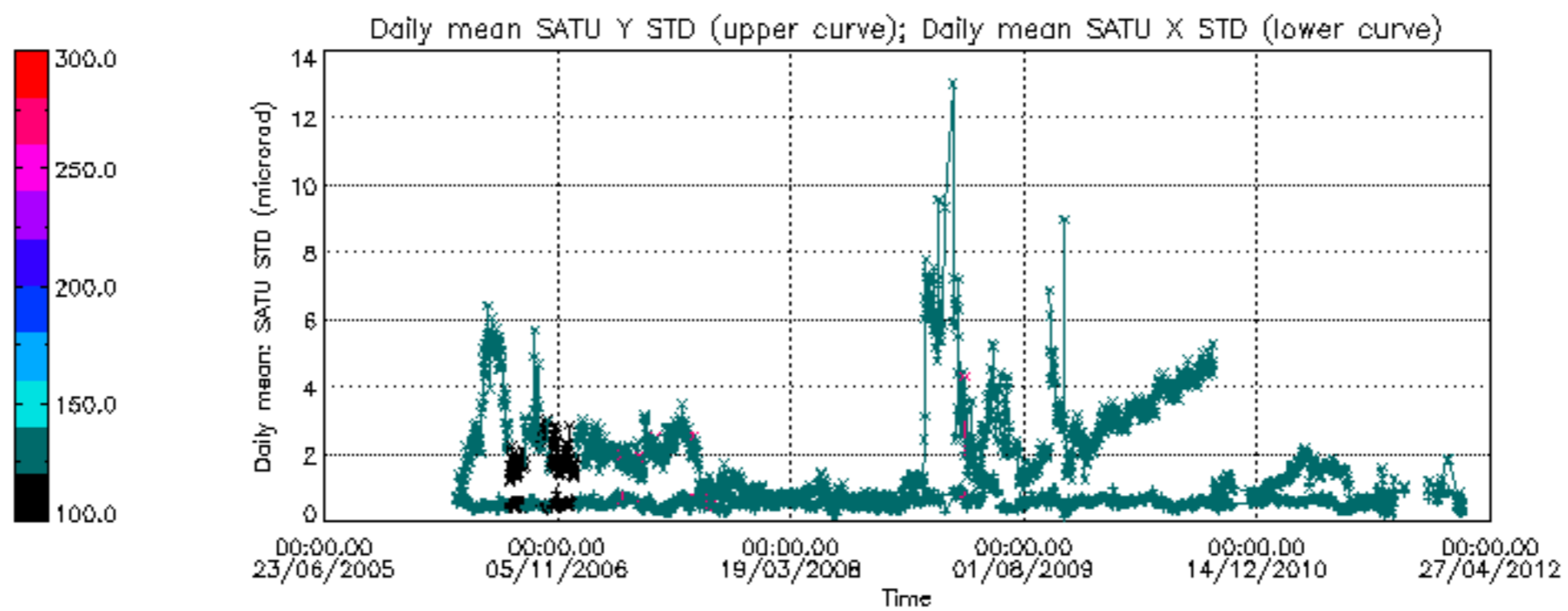


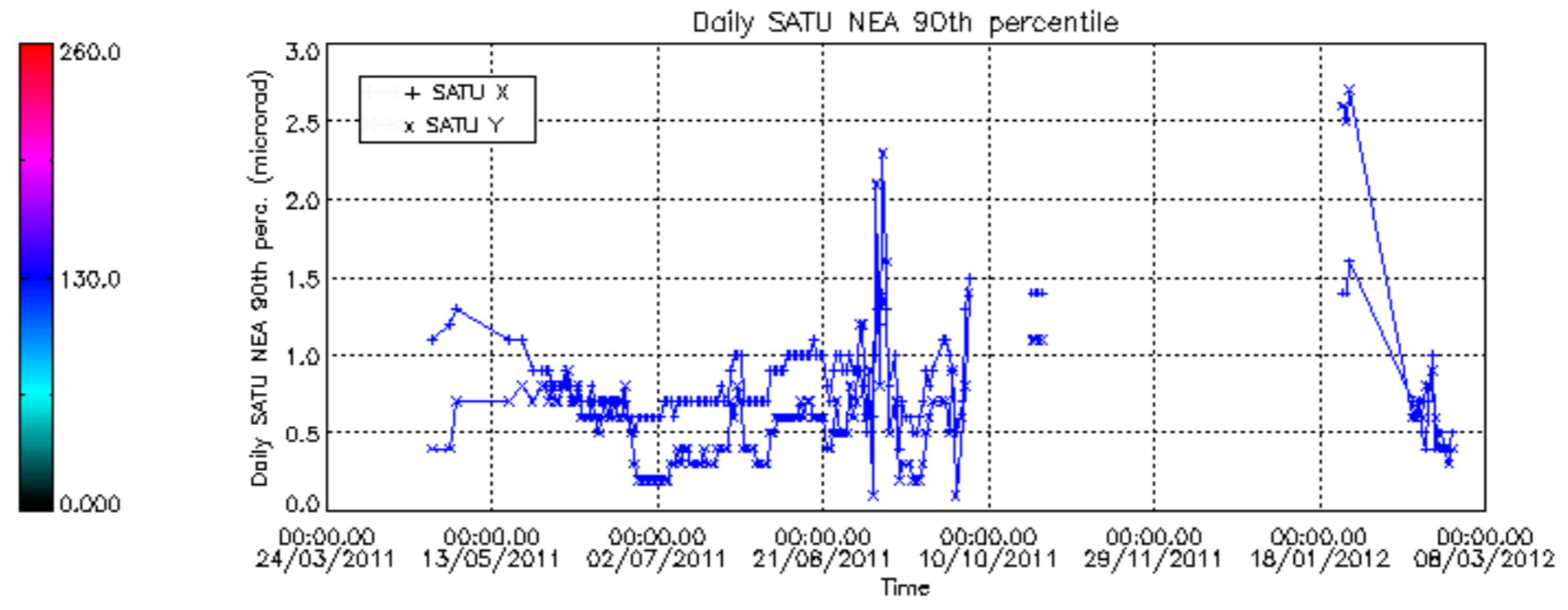
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120215_061534_000005593111_00365_52103_6611.N1
1; 395.4; 15-FEB-2012 06:15:34; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52103
2; 564.2; 15-FEB-2012 06:18:23; Dark ; 50.5; 20; Bet Cru ; 1.25; 30000;occ; 101; 0;52103
3; 921.0; 15-FEB-2012 06:24:20; Dark ; 33.5; 113; Mu Vel ; 2.69; 5000;occ; 67; 0;52103
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120215_211745_000005673111_00374_52112_6613.N1
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2; 569.8; 15-FEB-2012 23:00:48; Dark ; 43.5; 20; Bet Cru ; 1.25; 30000;occ; 87; 0;52113
3; 925.1; 15-FEB-2012 23:06:43; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;52113
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2; 564.7; 15-FEB-2012 07:58:37; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;52104
3; 921.3; 15-FEB-2012 08:04:34; Dark ; 35.5; 113; Mu Vel ; 2.69; 5000;occ; 71; 0;52104
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2; 565.3; 15-FEB-2012 09:38:52; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;52105
3; 921.7; 15-FEB-2012 09:44:48; Dark ; 38.5; 113; Mu Vel ; 2.69; 5000;occ; 77; 0;52105
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2; 566.4; 15-FEB-2012 12:59:21; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;52107
3; 922.5; 15-FEB-2012 13:05:17; Dark ; 41.5; 113; Mu Vel ; 2.69; 5000;occ; 83; 0;52107
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2; 567.1; 15-FEB-2012 14:39:35; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;52108
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2; 567.7; 15-FEB-2012 16:19:50; Dark ; 43.5; 20; Bet Cru ; 1.25; 30000;occ; 87; 0;52109
3; 923.5; 15-FEB-2012 16:25:46; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;52109
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2; 568.2; 15-FEB-2012 18:00:04; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;52110
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2; 568.6; 15-FEB-2012 19:40:19; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;52111
3; 924.2; 15-FEB-2012 19:46:14; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;52111
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2; 570.3; 16-FEB-2012 00:41:02; Dark ; 51.0; 20; Bet Cru ; 1.25; 30000;occ; 102; 0;52114
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2; 571.0; 16-FEB-2012 02:21:17; Dark ; 40.0; 20; Bet Cru ; 1.25; 30000;occ; 80; 0;52115
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2; 572.3; 16-FEB-2012 05:41:46; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;52117
3; 927.0; 16-FEB-2012 05:47:40; Dark ; 40.5; 113; Mu Vel ; 2.69; 5000;occ; 81; 0;52117
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2; 409.9; 16-FEB-2012 22:21:23; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52127
3; 577.7; 16-FEB-2012 22:24:10; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;52127
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2; 572.8; 16-FEB-2012 07:22:00; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;52118
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2; 573.3; 16-FEB-2012 09:02:15; Dark ; 50.5; 20; Bet Cru ; 1.25; 30000;occ; 101; 0;52119
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2; 406.4; 16-FEB-2012 12:19:56; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52121
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2; 407.1; 16-FEB-2012 14:00:10; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52122
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2; 407.5; 16-FEB-2012 15:40:24; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52123
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3; 576.2; 16-FEB-2012 17:23:27; Dark ; 52.5; 20; Bet Cru ; 1.25; 30000;occ; 105; 0;52124
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2; 408.8; 16-FEB-2012 19:00:54; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;52125
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2; 578.9; 17-FEB-2012 01:44:39; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;52129
3; 5710.4; 17-FEB-2012 03:10:11; Dark ; 42.0; 25; 35Lam Sco ; 1.62; 28000;occ; 84; 0;52129
4; 6425.8; 17-FEB-2012 03:22:06; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52130
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2; 412.4; 17-FEB-2012 05:02:21; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52131
3; 579.9; 17-FEB-2012 05:05:08; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;52131
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2; 413.1; 17-FEB-2012 06:42:35; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52132
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2; 418.6; 17-FEB-2012 21:44:46; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52141
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2; 413.6; 17-FEB-2012 08:22:50; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52133
3; 581.1; 17-FEB-2012 08:25:37; Dark ; 49.0; 20; Bet Cru ; 1.25; 30000;occ; 98; 0;52133
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2; 414.3; 17-FEB-2012 10:03:04; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52134
3; 581.7; 17-FEB-2012 10:05:52; Dark ; 41.0; 20; Bet Cru ; 1.25; 30000;occ; 82; 0;52134
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3; 582.9; 17-FEB-2012 13:26:21; Dark ; 44.5; 20; Bet Cru ; 1.25; 30000;occ; 89; 0;52136
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3; 584.0; 17-FEB-2012 16:46:50; Dark ; 47.5; 20; Bet Cru ; 1.25; 30000;occ; 95; 0;52138
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3; 584.6; 17-FEB-2012 18:27:04; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;52139
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2; 418.0; 17-FEB-2012 20:04:32; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52140
3; 585.1; 17-FEB-2012 20:07:19; Dark ; 44.0; 20; Bet Cru ; 1.25; 30000;occ; 88; 0;52140
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1; 424.0; 18-FEB-2012 12:46:57; Dark ; 40.0; 10; Bet Cen ; 0.61; 28000;occ; 80; 0;52150
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_142711_000009433111_00413_52151_5622.N1
1; 424.6; 18-FEB-2012 14:27:11; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52151
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_160726_000009433111_00414_52152_5623.N1
1; 425.4; 18-FEB-2012 16:07:26; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52152
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_174740_000009453111_00415_52153_5624.N1
1; 425.9; 18-FEB-2012 17:47:40; Dark ; 46.0; 10; Bet Cen ; 0.61; 28000;occ; 92; 0;52153
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_192755_000009473111_00416_52154_5625.N1
1; 426.5; 18-FEB-2012 19:27:55; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;52154
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_210810_000009403111_00417_52155_5626.N1
1; 427.1; 18-FEB-2012 21:08:10; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52155
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120219_002838_000009473111_00419_52157_6629.N1
1; 428.2; 19-FEB-2012 00:28:38; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;52157
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120219_020853_000009443111_00420_52158_6630.N1
1; 428.8; 19-FEB-2012 02:08:53; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52158
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120219_034907_000009443111_00421_52159_6631.N1
1; 429.4; 19-FEB-2012 03:49:07; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52159
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120219_052922_000009503111_00422_52160_6632.N1
1; 430.2; 19-FEB-2012 05:29:22; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52160
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120219_221147_000009413112_00001_52170_6633.N1
1; 436.1; 19-FEB-2012 22:11:47; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52170
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120219_235202_000009453112_00002_52171_6634.N1
1; 436.8; 19-FEB-2012 23:52:02; Dark ; 46.0; 10; Bet Cen ; 0.61; 28000;occ; 92; 0;52171
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_070937_000009463111_00423_52161_5627.N1
1; 430.8; 19-FEB-2012 07:09:37; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;52161
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_084951_000009403111_00424_52162_5628.N1
1; 431.5; 19-FEB-2012 08:49:51; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52162
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_103006_000009523111_00425_52163_5629.N1
1; 432.0; 19-FEB-2012 10:30:06; Dark ; 53.0; 10; Bet Cen ; 0.61; 28000;occ; 106; 0;52163
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_121020_000009423111_00426_52164_5630.N1
1; 432.5; 19-FEB-2012 12:10:20; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52164
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_135035_000009413111_00427_52165_5631.N1
1; 433.2; 19-FEB-2012 13:50:35; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52165
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_153049_000009393111_00428_52166_5632.N1
1; 433.8; 19-FEB-2012 15:30:49; Dark ; 40.0; 10; Bet Cen ; 0.61; 28000;occ; 80; 0;52166

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_171104_000000413111_00429_52167_5633.N1
1; 434.4; 19-FEB-2012 17:11:04; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52167

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120219_185118_000000413111_00430_52168_5634.N1
1; 435.0; 19-FEB-2012 18:51:18; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52168

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120220_013216_000060653112_00003_52172_6635.N1
1; 437.4; 20-FEB-2012 01:32:16; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52172
2; 6452.0; 20-FEB-2012 03:12:31; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52173

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120220_045245_000000473112_00005_52174_6636.N1
1; 438.7; 20-FEB-2012 04:52:45; Dark ; 48.0; 10; Bet Cen ; 0.61; 28000;occ; 96; 0;52174

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120220_063300_000000433112_00006_52175_6637.N1
1; 439.1; 20-FEB-2012 06:33:00; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52175

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120220_212027_000009243112_00014_52183_6638.N1
1; -438.9; 20-FEB-2012 21:20:27; Dark ; 43.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 86; 0;52183
2; -263.5; 20-FEB-2012 21:23:22; Dark ; 39.5; 85; Kap Sco ; 2.41; 28000;occ; 79; 0;52183
3; 444.5; 20-FEB-2012 21:35:10; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52184

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120220_230041_000009283112_00015_52184_6639.N1
1; -438.5; 20-FEB-2012 23:00:41; Dark ; 46.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 93; 0;52184
2; -262.8; 20-FEB-2012 23:03:37; Dark ; 40.0; 85; Kap Sco ; 2.41; 28000;occ; 80; 0;52184
3; 445.1; 20-FEB-2012 23:15:25; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52185

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_081315_000000483112_00007_52176_5635.N1
1; 439.9; 20-FEB-2012 08:13:15; Dark ; 49.0; 10; Bet Cen ; 0.61; 28000;occ; 98; 0;52176

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_095329_000000483112_00008_52177_5636.N1
1; 440.4; 20-FEB-2012 09:53:29; Dark ; 49.0; 10; Bet Cen ; 0.61; 28000;occ; 98; 0;52177

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_113343_000000433112_00009_52178_5637.N1
1; 441.0; 20-FEB-2012 11:33:43; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52178

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_131358_000000423112_00010_52179_5638.N1
1; 441.6; 20-FEB-2012 13:13:58; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52179

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_144225_000007483112_00010_52179_5639.N1
1; -264.8; 20-FEB-2012 14:42:25; Dark ; 41.0; 85; Kap Sco ; 2.41; 28000;occ; 82; 0;52179
2; 442.3; 20-FEB-2012 14:54:12; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52180

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_162239_000007523112_00011_52180_5640.N1
1; -265.2; 20-FEB-2012 16:22:39; Dark ; 41.5; 85; Kap Sco ; 2.41; 28000;occ; 83; 0;52180
2; 442.9; 20-FEB-2012 16:34:27; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52181

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_175958_000009243112_00012_52181_5641.N1
1; -439.9; 20-FEB-2012 17:59:58; Dark ; 45.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 90; 0;52181
2; -264.6; 20-FEB-2012 18:02:54; Dark ; 41.5; 85; Kap Sco ; 2.41; 28000;occ; 83; 0;52181
3; 443.4; 20-FEB-2012 18:14:42; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52182

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120220_194013_000009263112_00013_52182_5642.N1
1; -439.4; 20-FEB-2012 19:40:13; Dark ; 42.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 84; 0;52182
2; -264.1; 20-FEB-2012 19:43:08; Dark ; 40.5; 85; Kap Sco ; 2.41; 28000;occ; 81; 0;52182
3; 443.9; 20-FEB-2012 19:54:56; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52183

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120221_004056_000009333112_00016_52185_6640.N1
1; -437.8; 21-FEB-2012 00:40:56; Dark ; 46.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 92; 0;52185
2; 445.6; 21-FEB-2012 00:55:39; Dark ; 50.0; 10; Bet Cen ; 0.61; 28000;occ; 100; 0;52186

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120221_022406_000007503112_00017_52186_6641.N1
1; -261.5; 21-FEB-2012 02:24:06; Dark ; 41.5; 85; Kap Sco ; 2.41; 28000;occ; 83; 0;52186
2; 446.4; 21-FEB-2012 02:35:54; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52187

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120221_040125_000009363112_00018_52187_6642.N1
1; -436.6; 21-FEB-2012 04:01:25; Dark ; 39.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 79; 0;52187
2; -260.9; 21-FEB-2012 04:04:21; Dark ; 41.5; 85; Kap Sco ; 2.41; 28000;occ; 83; 0;52187
3; 447.1; 21-FEB-2012 04:16:09; Dark ; 52.5; 10; Bet Cen ; 0.61; 28000;occ; 105; 0;52188

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120221_054140_000009243112_00019_52188_6643.N1
1; -436.0; 21-FEB-2012 05:41:40; Dark ; 45.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 90; 0;52188
2; -260.1; 21-FEB-2012 05:44:35; Dark ; 41.5; 85; Kap Sco ; 2.41; 28000;occ; 83; 0;52188
3; 447.8; 21-FEB-2012 05:56:23; Dark ; 40.5; 10; Bet Cen ; 0.61; 28000;occ; 81; 0;52189

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120221_211955_000000353112_00029_52198_6644.N1
1; 1734.2; 21-FEB-2012 21:19:55; Dark ; 35.5; 48; 30Alp Hya ; 1.98; 4100;occ; 71; 0;52198

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120221_222701_000020293112_00029_52198_6645.N1
1; -253.8; 21-FEB-2012 22:27:01; Dark ; 26.0; 85; Kap Sco ; 2.41; 28000;occ; 52; 0;52198
2; 453.7; 21-FEB-2012 22:38:48; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52199
3; 1734.3; 21-FEB-2012 23:00:09; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;52199

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_072154_000009313112_00020_52189_5643.N1
1; -435.1; 21-FEB-2012 07:21:54; Dark ; 45.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 91; 0;52189
2; -259.5; 21-FEB-2012 07:24:50; Dark ; 44.5; 85; Kap Sco ; 2.41; 28000;occ; 89; 0;52189
3; 448.4; 21-FEB-2012 07:36:38; Dark ; 48.0; 10; Bet Cen ; 0.61; 28000;occ; 96; 0;52190

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_090209_000009323112_00021_52190_5644.N1
1; -434.6; 21-FEB-2012 09:02:09; Dark ; 43.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 86; 0;52190
2; -258.8; 21-FEB-2012 09:05:04; Dark ; 42.0; 85; Kap Sco ; 2.41; 28000;occ; 84; 0;52190

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3; 449.0; 21-FEB-2012 09:16:52; Dark ; 48.5; 10; Bet Cen ; 0.61; 28000;occ; 97; 0;52191
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_104223_000009263112_00022_52191_5645.N1
1; -433.9; 21-FEB-2012 10:42:23; Dark ; 43.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 87; 0;52191
2; -258.2; 21-FEB-2012 10:45:19; Dark ; 44.0; 85; Kap Sco ; 2.41; 28000;occ; 88; 0;52191
3; 449.6; 21-FEB-2012 10:57:07; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52192
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_122238_000009273112_00023_52192_5646.N1
1; -433.4; 21-FEB-2012 12:22:38; Dark ; 45.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 91; 0;52192
2; -257.5; 21-FEB-2012 12:25:33; Dark ; 41.0; 85; Kap Sco ; 2.41; 28000;occ; 82; 0;52192
3; 450.2; 21-FEB-2012 12:37:21; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52193
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_140252_000009283112_00024_52193_5647.N1
1; -432.9; 21-FEB-2012 14:02:52; Dark ; 43.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 87; 0;52193
2; -256.9; 21-FEB-2012 14:05:48; Dark ; 40.0; 85; Kap Sco ; 2.41; 28000;occ; 80; 0;52193
3; 450.7; 21-FEB-2012 14:17:36; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52194
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_154307_000009363112_00025_52194_5648.N1
1; -432.1; 21-FEB-2012 15:43:07; Dark ; 40.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 80; 0;52194
2; -256.2; 21-FEB-2012 15:46:03; Dark ; 41.0; 85; Kap Sco ; 2.41; 28000;occ; 82; 0;52194
3; 451.4; 21-FEB-2012 15:57:50; Dark ; 53.0; 10; Bet Cen ; 0.61; 28000;occ; 106; 0;52195
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_172321_000009253112_00026_52195_5649.N1
1; -431.5; 21-FEB-2012 17:23:21; Dark ; 34.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 68; 0;52195
2; -255.6; 21-FEB-2012 17:26:17; Dark ; 40.0; 85; Kap Sco ; 2.41; 28000;occ; 80; 0;52195
3; 451.9; 21-FEB-2012 17:38:05; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52196
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_190336_000009243112_00027_52196_5650.N1
1; -431.1; 21-FEB-2012 19:03:36; Dark ; 29.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 58; 0;52196
2; -255.2; 21-FEB-2012 19:06:32; Dark ; 35.0; 85; Kap Sco ; 2.41; 28000;occ; 70; 0;52196
3; 452.4; 21-FEB-2012 19:18:19; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52197
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120221_193941_000047753112_00028_52197_5651.N1
1; 1734.2; 21-FEB-2012 19:39:41; Dark ; 31.0; 48; 30Alp Hya ; 1.98; 4100;occ; 62; 0;52197
2; 5759.5; 21-FEB-2012 20:46:46; Dark ; 31.0; 85; Kap Sco ; 2.41; 28000;occ; 62; 0;52197
3; 6467.1; 21-FEB-2012 20:58:34; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52198
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120222_001903_000013263112_00031_52200_6646.N1
1; 454.1; 22-FEB-2012 00:19:03; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52200
2; 1734.3; 22-FEB-2012 00:40:23; Dark ; 46.5; 48; 30Alp Hya ; 1.98; 4100;occ; 93; 0;52200
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120222_015917_000013273112_00032_52201_6647.N1
1; 454.9; 22-FEB-2012 01:59:17; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52201
2; 1734.4; 22-FEB-2012 02:20:37; Dark ; 48.0; 48; 30Alp Hya ; 1.98; 4100;occ; 96; 0;52201
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120222_033932_000013263112_00033_52202_6648.N1
1; 455.6; 22-FEB-2012 03:39:32; Dark ; 52.0; 10; Bet Cen ; 0.61; 28000;occ; 104; 0;52202
2; 1734.7; 22-FEB-2012 04:00:51; Dark ; 47.0; 48; 30Alp Hya ; 1.98; 4100;occ; 94; 0;52202
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120222_051946_000013243112_00034_52203_6649.N1
1; 456.0; 22-FEB-2012 05:19:46; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52203
2; 1734.8; 22-FEB-2012 05:41:05; Dark ; 46.0; 48; 30Alp Hya ; 1.98; 4100;occ; 92; 0;52203
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120222_215129_000008913112_00043_52212_6650.N1
1; -180.8; 22-FEB-2012 21:51:29; Dark ; 41.5; 40; The Sco ; 1.86; 7100;occ; 83; 0;52212
2; 462.2; 22-FEB-2012 22:02:12; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;52213
3; 683.2; 22-FEB-2012 22:05:53; Dark ; 27.5; 26; Gam Cru ; 1.62; 2900;occ; 55; 0;52213
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120222_233143_000008923112_00044_52213_6651.N1
1; -180.2; 22-FEB-2012 23:31:43; Dark ; 41.0; 40; The Sco ; 1.86; 7100;occ; 82; 0;52213
2; 462.7; 22-FEB-2012 23:42:26; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52214
3; 683.7; 22-FEB-2012 23:46:07; Dark ; 28.5; 26; Gam Cru ; 1.62; 2900;occ; 57; 0;52214
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120222_070001_000012993112_00035_52204_5652.N1
1; 456.7; 22-FEB-2012 07:00:01; Dark ; 48.5; 10; Bet Cen ; 0.61; 28000;occ; 97; 0;52204
2; 1734.8; 22-FEB-2012 07:21:19; Dark ; 21.5; 48; 30Alp Hya ; 1.98; 4100;occ; 43; 0;52204
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120222_072119_000047873112_00035_52204_5653.N1
1; 1734.8; 22-FEB-2012 07:21:19; Dark ; 48.0; 48; 30Alp Hya ; 1.98; 4100;occ; 96; 0;52204
2; 6471.2; 22-FEB-2012 08:40:15; Dark ; 51.5; 10; Bet Cen ; 0.61; 28000;occ; 103; 0;52205
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1; 1735.0; 22-FEB-2012 09:01:33; Dark ; 47.5; 48; 30Alp Hya ; 1.98; 4100;occ; 95; 0;52205
2; 6471.9; 22-FEB-2012 10:20:30; Dark ; 53.0; 10; Bet Cen ; 0.61; 28000;occ; 106; 0;52206
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2; 4750.5; 22-FEB-2012 11:32:02; Bright; 36.0; 168; 17Zet Aql ; 2.99; 11000;occ; 72; 0;52206
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2; 463.4; 23-FEB-2012 01:22:40; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52215
3; 684.3; 23-FEB-2012 01:26:21; Dark ; 30.0; 26; Gam Cru ; 1.62; 2900;occ; 60; 0;52215
4; 6477.9; 23-FEB-2012 03:02:55; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;52216
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2; 470.4; 23-FEB-2012 21:25:35; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52227
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5; 6495.1; 25-FEB-2012 03:29:56; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52245
6; 6714.0; 25-FEB-2012 03:33:35; Dark ; 57.5; 26; Gam Cru ; 1.62; 2900;occ; 115; 0;52245
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2; 481.7; 25-FEB-2012 05:10:11; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52246
3; 700.7; 25-FEB-2012 05:13:50; Dark ; 48.0; 26; Gam Cru ; 1.62; 2900;occ; 96; 0;52246

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2; 702.2; 25-FEB-2012 10:14:33; Dark ; 55.0; 26; Gam Cru ; 1.62; 2900;occ; 110; 0;52249
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120225_115109_000002673112_00081_52250_5681.N1
1; 484.2; 25-FEB-2012 11:51:09; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52250
2; 702.8; 25-FEB-2012 11:54:48; Dark ; 48.5; 26; Gam Cru ; 1.62; 2900;occ; 97; 0;52250
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120225_133123_000002743112_00082_52251_5682.N1
1; 484.8; 25-FEB-2012 13:31:23; Dark ; 46.0; 10; Bet Cen ; 0.61; 28000;occ; 92; 0;52251
2; 703.2; 25-FEB-2012 13:35:02; Dark ; 56.5; 26; Gam Cru ; 1.62; 2900;occ; 113; 0;52251
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120225_151138_000002743112_00083_52252_5683.N1
1; 485.4; 25-FEB-2012 15:11:38; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52252
2; 703.8; 25-FEB-2012 15:15:16; Dark ; 56.0; 26; Gam Cru ; 1.62; 2900;occ; 112; 0;52252
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120225_165153_000002613112_00084_52253_5684.N1
1; 486.1; 25-FEB-2012 16:51:53; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52253
2; 704.3; 25-FEB-2012 16:55:31; Dark ; 43.0; 26; Gam Cru ; 1.62; 2900;occ; 86; 0;52253
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120225_201222_000002693112_00086_52255_5686.N1
1; 487.2; 25-FEB-2012 20:12:22; Dark ; 52.5; 10; Bet Cen ; 0.61; 28000;occ; 105; 0;52255
2; 705.5; 25-FEB-2012 20:16:00; Dark ; 51.5; 26; Gam Cru ; 1.62; 2900;occ; 103; 0;52255
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120225_183207_000002613112_00085_52254_5685.N1
1; 486.6; 25-FEB-2012 18:32:07; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52254
2; 704.8; 25-FEB-2012 18:35:45; Dark ; 43.0; 26; Gam Cru ; 1.62; 2900;occ; 86; 0;52254
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120226_011305_000002713112_00089_52258_6667.N1
1; 488.9; 26-FEB-2012 01:13:05; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;52258
2; 706.9; 26-FEB-2012 01:16:43; Dark ; 53.5; 26; Gam Cru ; 1.62; 2900;occ; 107; 0;52258
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120226_025320_000002743112_00090_52259_6668.N1
1; 489.6; 26-FEB-2012 02:53:20; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52259
2; 709.0; 26-FEB-2012 02:56:59; Dark ; 55.5; 26; Gam Cru ; 1.62; 2900;occ; 111; 0;52259
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120226_043334_00000403112_00091_52260_6669.N1
1; 490.2; 26-FEB-2012 04:33:34; Dark ; 40.5; 10; Bet Cen ; 0.61; 28000;occ; 81; 0;52260
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120226_061349_00000473112_00092_52261_6670.N1
1; 490.7; 26-FEB-2012 06:13:49; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;52261
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120226_211600_00000503112_00101_52270_6671.N1
1; 495.9; 26-FEB-2012 21:16:00; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52270
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120226_225614_00000413112_00102_52271_6672.N1
1; 496.4; 26-FEB-2012 22:56:14; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52271
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_075403_00000513112_00093_52262_5688.N1
1; 491.3; 26-FEB-2012 07:54:03; Dark ; 51.5; 10; Bet Cen ; 0.61; 28000;occ; 103; 0;52262
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_093418_00000453112_00094_52263_5689.N1
1; 491.9; 26-FEB-2012 09:34:18; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;52263
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_111432_00000523112_00095_52264_5690.N1
1; 492.4; 26-FEB-2012 11:14:32; Dark ; 53.0; 10; Bet Cen ; 0.61; 28000;occ; 106; 0;52264
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_125447_00000503112_00096_52265_5691.N1
1; 493.1; 26-FEB-2012 12:54:47; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52265
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_143501_00000403112_00097_52266_5692.N1
1; 493.7; 26-FEB-2012 14:35:01; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52266
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_161516_00000403112_00098_52267_5693.N1
1; 494.3; 26-FEB-2012 16:15:16; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52267
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_175531_00000413112_00099_52268_5694.N1
1; 494.8; 26-FEB-2012 17:55:31; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52268
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120226_193545_00000463112_00100_52269_5695.N1
1; 495.4; 26-FEB-2012 19:35:45; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52269
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120227_003629_00000403112_00103_52272_6673.N1
1; 497.0; 27-FEB-2012 00:36:29; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52272
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120227_021643_00000443112_00104_52273_6674.N1

1; 497.7; 27-FEB-2012 02:16:43; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52273
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120227_035658_00000443112_00105_52274_6675.N1
1; 498.4; 27-FEB-2012 03:56:58; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52274
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120227_053712_00000413112_00106_52275_6676.N1
1; 499.0; 27-FEB-2012 05:37:12; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52275
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120227_220513_000009093112_00115_52284_6677.N1
1; -360.3; 27-FEB-2012 22:05:13; Dark ; 42.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 84; 0;52284
2; 504.6; 27-FEB-2012 22:19:38; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52285
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120227_234527_000009083112_00116_52285_6678.N1
1; -359.7; 27-FEB-2012 23:45:27; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;52285
2; 505.2; 27-FEB-2012 23:59:52; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52286
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_071727_00000423112_00107_52276_5696.N1
1; 499.6; 27-FEB-2012 07:17:27; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52276
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_103756_00000473112_00109_52278_5697.N1
1; 500.7; 27-FEB-2012 10:37:56; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;52278
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_121810_00000403112_00110_52279_5698.N1
1; 501.3; 27-FEB-2012 12:18:10; Dark ; 40.5; 10; Bet Cen ; 0.61; 28000;occ; 81; 0;52279
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_135825_00000423112_00111_52280_5699.N1
1; 501.9; 27-FEB-2012 13:58:25; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52280
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_153839_00000423112_00112_52281_5700.N1
1; 502.4; 27-FEB-2012 15:38:39; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52281
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_171854_00000423112_00113_52282_5701.N1
1; 503.0; 27-FEB-2012 17:18:54; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52282
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_184444_000009073112_00113_52282_5702.N1
1; -361.3; 27-FEB-2012 18:44:44; Dark ; 42.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 84; 0;52282
2; 503.5; 27-FEB-2012 18:59:09; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52283
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120227_202458_000009063112_00114_52283_5703.N1
1; -360.6; 27-FEB-2012 20:24:58; Dark ; 46.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 93; 0;52283
2; 504.1; 27-FEB-2012 20:39:23; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52284
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120228_012542_000069203112_00117_52286_6679.N1
1; -359.0; 28-FEB-2012 01:25:42; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;52286
2; 505.8; 28-FEB-2012 01:40:07; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52287
3; 5655.6; 28-FEB-2012 03:05:56; Dark ; 45.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 90; 0;52287
4; 6520.5; 28-FEB-2012 03:20:21; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52288
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120228_044611_000009153112_00119_52288_6680.N1
1; -357.7; 28-FEB-2012 04:46:11; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;52288
2; 507.1; 28-FEB-2012 05:00:36; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52289
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120228_062626_000009123112_00120_52289_6681.N1
1; -357.1; 28-FEB-2012 06:26:26; Dark ; 43.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 87; 0;52289
2; 507.6; 28-FEB-2012 06:40:50; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;52290
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120228_212837_000009063112_00129_52298_6682.N1
1; -351.4; 28-FEB-2012 21:28:37; Dark ; 32.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 64; 0;52298
2; 512.9; 28-FEB-2012 21:43:01; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52299
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_080640_000009053112_00121_52290_5704.N1
1; -356.5; 28-FEB-2012 08:06:40; Dark ; 46.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 92; 0;52290
2; 508.3; 28-FEB-2012 08:21:05; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52291
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_094655_000009173112_00122_52291_5705.N1
1; -355.8; 28-FEB-2012 09:46:55; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;52291
2; 508.8; 28-FEB-2012 10:01:19; Dark ; 52.5; 10; Bet Cen ; 0.61; 28000;occ; 105; 0;52292
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_112709_000009153112_00123_52292_5706.N1
1; -355.2; 28-FEB-2012 11:27:09; Dark ; 43.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 86; 0;52292
2; 509.4; 28-FEB-2012 11:41:34; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;52293
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_144738_000009063112_00125_52294_5707.N1
1; -354.0; 28-FEB-2012 14:47:38; Dark ; 46.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 93; 0;52294
2; 510.5; 28-FEB-2012 15:02:03; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52295
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_162753_000009063112_00126_52295_5708.N1
1; -353.3; 28-FEB-2012 16:27:53; Dark ; 47.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 94; 0;52295
2; 511.2; 28-FEB-2012 16:42:17; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52296
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_180808_000009073112_00127_52296_5709.N1
1; -352.7; 28-FEB-2012 18:08:08; Dark ; 42.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 84; 0;52296
2; 511.7; 28-FEB-2012 18:22:32; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52297
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_194822_000009083112_00128_52297_5710.N1
1; -352.1; 28-FEB-2012 19:48:22; Dark ; 37.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 74; 0;52297
2; 512.3; 28-FEB-2012 20:02:47; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52298
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120228_130724_000009053112_00124_52293_6008.N1
1; -354.6; 28-FEB-2012 13:07:24; Dark ; 42.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 84; 0;52293
2; 510.0; 28-FEB-2012 13:21:48; Dark ; 40.5; 10; Bet Cen ; 0.61; 28000;occ; 81; 0;52294
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120229_010330_00000443112_00132_52301_6684.N1

1; 514.0; 29-FEB-2012 01:03:30; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52301
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120229_024344_000000443112_00133_52302_6685.N1
1; 514.7; 29-FEB-2012 02:43:44; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52302
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120229_042359_000000453112_00134_52303_6686.N1
1; 515.2; 29-FEB-2012 04:23:59; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;52303
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120229_060414_000000463112_00135_52304_6687.N1
1; 515.8; 29-FEB-2012 06:04:14; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;52304
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120229_224639_000000443112_00145_52314_6688.N1
1; 521.3; 29-FEB-2012 22:46:39; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52314
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_074428_000000393112_00136_52305_5711.N1
1; 516.4; 29-FEB-2012 07:44:28; Dark ; 39.5; 10; Bet Cen ; 0.61; 28000;occ; 79; 0;52305
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_110457_000000503112_00138_52307_5713.N1
1; 517.5; 29-FEB-2012 11:04:57; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;52307
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_124512_000000413112_00139_52308_5714.N1
1; 518.1; 29-FEB-2012 12:45:12; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52308
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_142526_000000443112_00140_52309_5715.N1
1; 518.7; 29-FEB-2012 14:25:26; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52309
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_160541_000000433112_00141_52310_5716.N1
1; 519.2; 29-FEB-2012 16:05:41; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52310
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_174555_000000463112_00142_52311_5717.N1
1; 519.8; 29-FEB-2012 17:45:55; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52311
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_192610_000000443112_00143_52312_5718.N1
1; 520.2; 29-FEB-2012 19:26:10; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52312
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120229_210624_000000403112_00144_52313_5719.N1
1; 520.7; 29-FEB-2012 21:06:24; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52313