

GOMOS Daily Report 16-FEB-2012

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

[2. Summary of products arrived in PCF \(Product Control Facility\)](#)

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

[3. Plot of Spectrometers and Photometers temperatures](#)

[4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

[5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

[6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

[7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

[Level 2 products](#)

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	27FEB2012 12:10:26
Data source version	GOMOS/6.01
Start time of products	16FEB2012 00:38:14
Stop time of products	16FEB2012 22:24:10
Store outputs in DB	Yes
Nb of level 1b prods	39
Nb of prods with errors	0

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

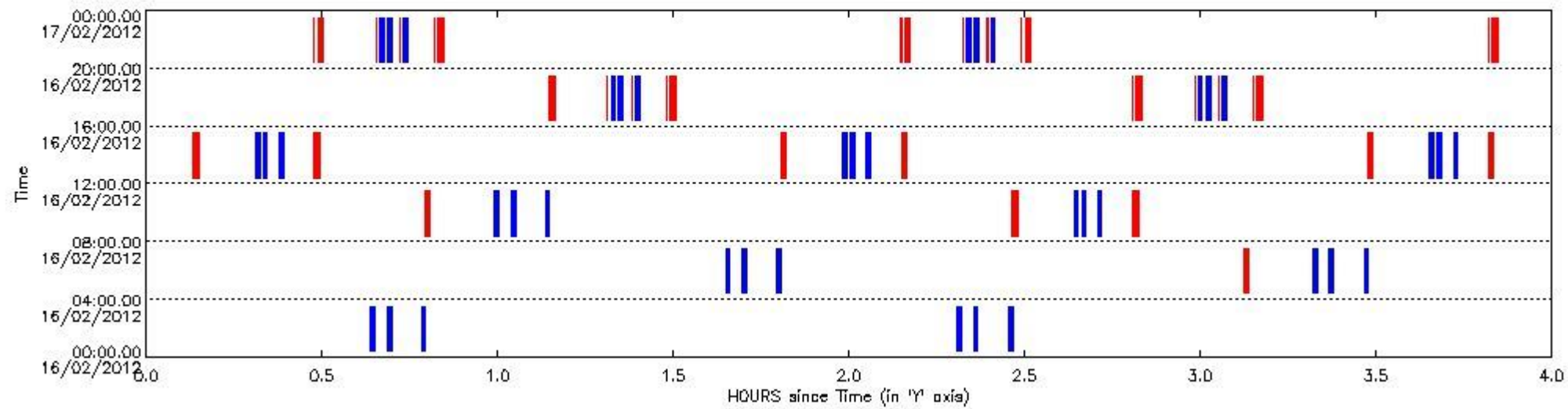
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

UTC start time	Star name	Star ID	Orbit
16-FEB-2012 07:07:18	35LamSco	25	52131
16-FEB-2012 08:47:32	35LamSco	25	52132
16-FEB-2012 10:27:47	35LamSco	25	52133
16-FEB-2012 10:48:24	MuVel	113	52133
16-FEB-2012 12:08:01	35LamSco	25	52134
16-FEB-2012 12:28:39	MuVel	113	52134
16-FEB-2012 13:48:16	35LamSco	25	52135
16-FEB-2012 14:08:53	MuVel	113	52135
16-FEB-2012 15:28:30	35LamSco	25	52136
16-FEB-2012 15:49:07	MuVel	113	52136
16-FEB-2012 17:08:45	35LamSco	25	52137
16-FEB-2012 17:18:45	Alp1Cen	0	52137
16-FEB-2012 17:22:52	BetCru	0	52137
16-FEB-2012 17:28:46	MuVel	0	52137
16-FEB-2012 17:29:22	MuVel	113	52137

16-FEB-2012 18:48:23	35LamSco	0	52138
16-FEB-2012 18:48:59	35LamSco	25	52138
16-FEB-2012 18:58:59	Alp1Cen	0	52138
16-FEB-2012 19:03:06	BetCru	0	52138
16-FEB-2012 19:09:00	MuVel	0	52138
16-FEB-2012 19:09:36	MuVel	113	52138
16-FEB-2012 20:28:38	35LamSco	0	52139
16-FEB-2012 20:29:14	35LamSco	25	52139
16-FEB-2012 20:39:14	Alp1Cen	0	52139
16-FEB-2012 20:43:21	BetCru	0	52139
16-FEB-2012 20:49:14	MuVel	0	52139
16-FEB-2012 20:49:51	MuVel	113	52139
16-FEB-2012 22:08:52	35LamSco	0	52140
16-FEB-2012 22:09:28	35LamSco	25	52140
16-FEB-2012 22:19:28	Alp1Cen	0	52140
16-FEB-2012 22:23:35	BetCru	0	52140
16-FEB-2012 22:29:29	MuVel	0	52140
16-FEB-2012 22:30:05	MuVel	113	52140
16-FEB-2012 23:49:07	35LamSco	0	52141
16-FEB-2012 23:49:43	35LamSco	25	52141

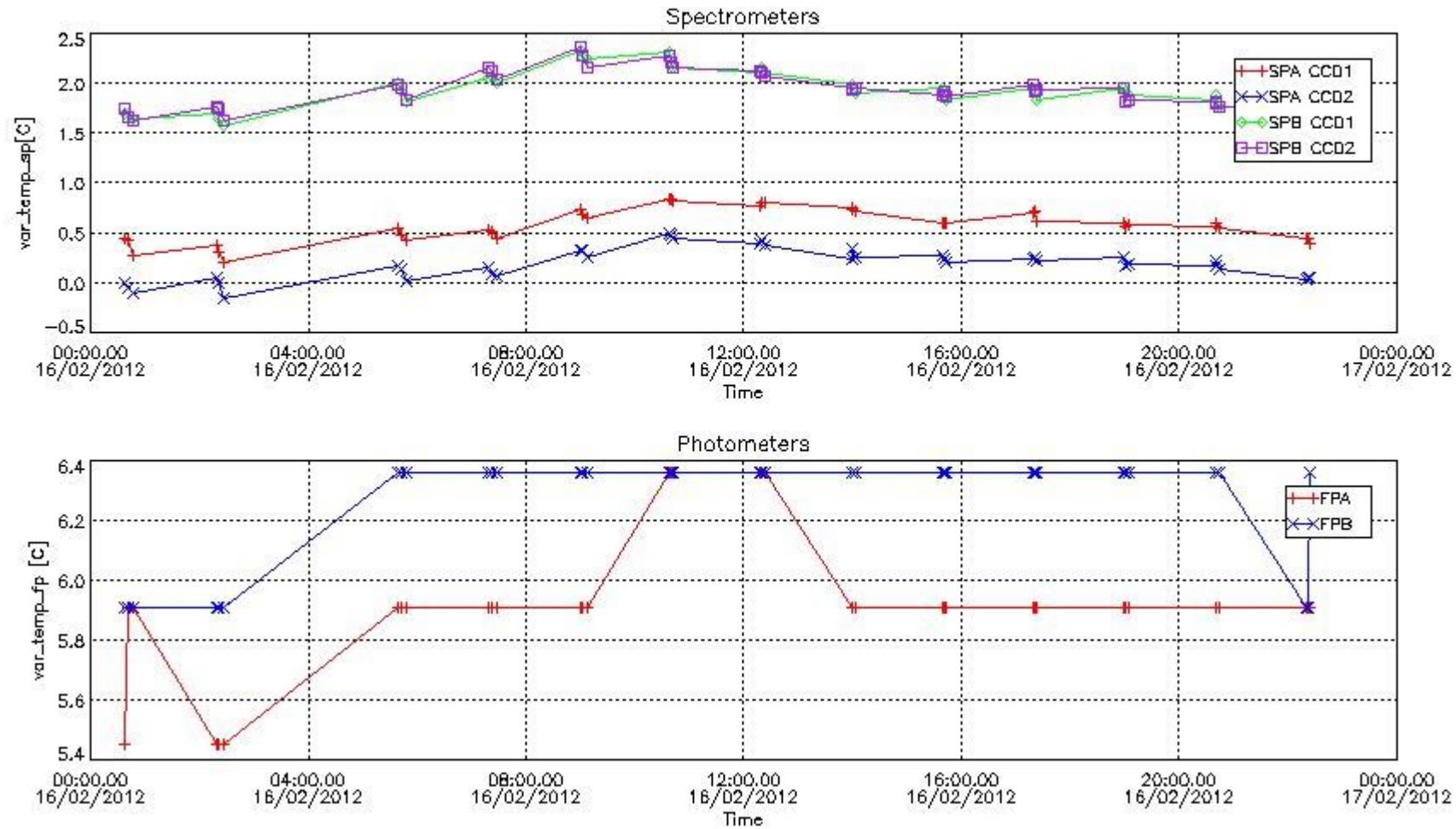
2.4 Summary of processed GOM_TRA_1P products

!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_1PNPDE20120216_003814_000000453111_00376_52114_8431.N1	16-FEB-2012 00:38:14	Dark	44.500	10	Bet Cen	0.61000	28000.	89	52114	No
2	GOM_TRA_1PNPDE20120216_004102_000000513111_00376_52114_8432.N1	16-FEB-2012 00:41:02	Dark	51.000	20	Bet Cru	1.2530	30000.	102	52114	No
3	GOM_TRA_1PNPDE20120216_004657_000000413111_00376_52114_8433.N1	16-FEB-2012 00:46:57	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	52114	No
4	GOM_TRA_1PNPDE20120216_021828_000000413111_00377_52115_8448.N1	16-FEB-2012 02:18:28	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52115	No
5	GOM_TRA_1PNPDE20120216_022117_000000403111_00377_52115_8449.N1	16-FEB-2012 02:21:17	Dark	40.000	20	Bet Cru	1.2530	30000.	80	52115	No
6	GOM_TRA_1PNPDE20120216_022711_000000453111_00377_52115_8450.N1	16-FEB-2012 02:27:11	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	52115	No
7	GOM_TRA_1PNPDE20120216_053858_000000433111_00379_52117_8552.N1	16-FEB-2012 05:38:58	Dark	42.500	10	Bet Cen	0.61000	28000.	85	52117	No
8	GOM_TRA_1PNPDE20120216_054146_000000413111_00379_52117_8553.N1	16-FEB-2012 05:41:46	Dark	40.500	20	Bet Cru	1.2530	30000.	81	52117	No
9	GOM_TRA_1PNPDE20120216_054740_000000413111_00379_52117_8554.N1	16-FEB-2012 05:47:40	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	52117	No
10	GOM_TRA_1PNPDK20120216_071912_000000433111_00380_52118_2780.N1	16-FEB-2012 07:19:12	Dark	42.500	10	Bet Cen	0.61000	28000.	85	52118	No
11	GOM_TRA_1PNPDK20120216_072200_000000463111_00380_52118_2781.N1	16-FEB-2012 07:22:00	Dark	45.500	20	Bet Cru	1.2530	30000.	91	52118	No
12	GOM_TRA_1PNPDK20120216_072755_000000423111_00380_52118_2782.N1	16-FEB-2012 07:27:55	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	52118	No
13	GOM_TRA_1PNPDK20120216_085927_000000513111_00381_52119_2810.N1	16-FEB-2012 08:59:27	Dark	51.000	10	Bet Cen	0.61000	28000.	102	52119	No
14	GOM_TRA_1PNPDK20120216_090215_000000513111_00381_52119_2811.N1	16-FEB-2012 09:02:15	Dark	50.500	20	Bet Cru	1.2530	30000.	101	52119	No
15	GOM_TRA_1PNPDK20120216_090809_000000423111_00381_52119_2812.N1	16-FEB-2012 09:08:09	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	52119	No
16	GOM_TRA_1PNPDK20120216_103822_000000423111_00382_52120_2851.N1	16-FEB-2012 10:38:22	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	52120	No
17	GOM_TRA_1PNPDK20120216_103941_000000483111_00382_52120_2852.N1	16-FEB-2012 10:39:41	Dark	48.000	10	Bet Cen	0.61000	28000.	96	52120	No
18	GOM_TRA_1PNPDK20120216_104229_000000413111_00382_52120_2853.N1	16-FEB-2012 10:42:29	Dark	40.500	20	Bet Cru	1.2530	30000.	81	52120	No
19	GOM_TRA_1PNPDK20120216_121837_000000453111_00383_52121_2886.N1	16-FEB-2012 12:18:37	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	52121	No
20	GOM_TRA_1PNPDK20120216_121956_000000423111_00383_52121_2887.N1	16-FEB-2012 12:19:56	Dark	42.000	10	Bet Cen	0.61000	28000.	84	52121	No
21	GOM_TRA_1PNPDK20120216_122244_000000493111_00383_52121_2888.N1	16-FEB-2012 12:22:44	Dark	49.000	20	Bet Cru	1.2530	30000.	98	52121	No
22	GOM_TRA_1PNPDK20120216_135851_000000443111_00384_52122_2927.N1	16-FEB-2012 13:58:51	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	52122	No
23	GOM_TRA_1PNPDK20120216_140010_000000423111_00384_52122_2928.N1	16-FEB-2012 14:00:10	Dark	42.000	10	Bet Cen	0.61000	28000.	84	52122	No
24	GOM_TRA_1PNPDK20120216_140258_000000433111_00384_52122_2929.N1	16-FEB-2012 14:02:58	Dark	43.000	20	Bet Cru	1.2530	30000.	86	52122	No
25	GOM_TRA_1PNPDK20120216_153906_000000443111_00385_52123_2971.N1	16-FEB-2012 15:39:06	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	52123	No
26	GOM_TRA_1PNPDK20120216_154024_000000423111_00385_52123_2972.N1	16-FEB-2012 15:40:24	Dark	42.000	10	Bet Cen	0.61000	28000.	84	52123	No
27	GOM_TRA_1PNPDK20120216_154313_000000443111_00385_52123_2973.N1	16-FEB-2012 15:43:13	Dark	43.500	20	Bet Cru	1.2530	30000.	87	52123	No
28	GOM_TRA_1PNPDK20120216_171920_000000463111_00386_52124_3194.N1	16-FEB-2012 17:19:20	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	52124	No
29	GOM_TRA_1PNPDK20120216_172039_000000443111_00386_52124_3195.N1	16-FEB-2012 17:20:39	Dark	44.000	10	Bet Cen	0.61000	28000.	88	52124	No
30	GOM_TRA_1PNPDK20120216_172327_000000533111_00386_52124_3196.N1	16-FEB-2012 17:23:27	Dark	52.500	20	Bet Cru	1.2530	30000.	105	52124	No
31	GOM_TRA_1PNPDK20120216_185935_000000433111_00387_52125_3231.N1	16-FEB-2012 18:59:35	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	52125	No
32	GOM_TRA_1PNPDK20120216_190054_000000483111_00387_52125_3232.N1	16-FEB-2012 19:00:54	Dark	47.500	10	Bet Cen	0.61000	28000.	95	52125	No
33	GOM_TRA_1PNPDK20120216_190342_000000413111_00387_52125_3233.N1	16-FEB-2012 19:03:42	Dark	41.000	20	Bet Cru	1.2530	30000.	82	52125	No
34	GOM_TRA_1PNPDK20120216_203949_000000523111_00388_52126_3267.N1	16-FEB-2012 20:39:49	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	52126	No

35	GOM_TRA_1PNPDK20120216_204108_000000443111_00388_52126_3268.N1	16-FEB-2012 20:41:08	Dark	43.500	10	Bet Cen	0.61000	28000.	87	52126	No
36	GOM_TRA_1PNPDK20120216_204356_000000463111_00388_52126_3269.N1	16-FEB-2012 20:43:56	Dark	45.500	20	Bet Cru	1.2530	30000.	91	52126	No
37	GOM_TRA_1PNPDE20120216_222004_000000443111_00389_52127_8781.N1	16-FEB-2012 22:20:04	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	52127	No
38	GOM_TRA_1PNPDE20120216_222123_000000443111_00389_52127_8782.N1	16-FEB-2012 22:21:23	Dark	44.000	10	Bet Cen	0.61000	28000.	88	52127	No
39	GOM_TRA_1PNPDE20120216_222410_000000433111_00389_52127_8783.N1	16-FEB-2012 22:24:10	Dark	43.000	20	Bet Cru	1.2530	30000.	86	52127	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).

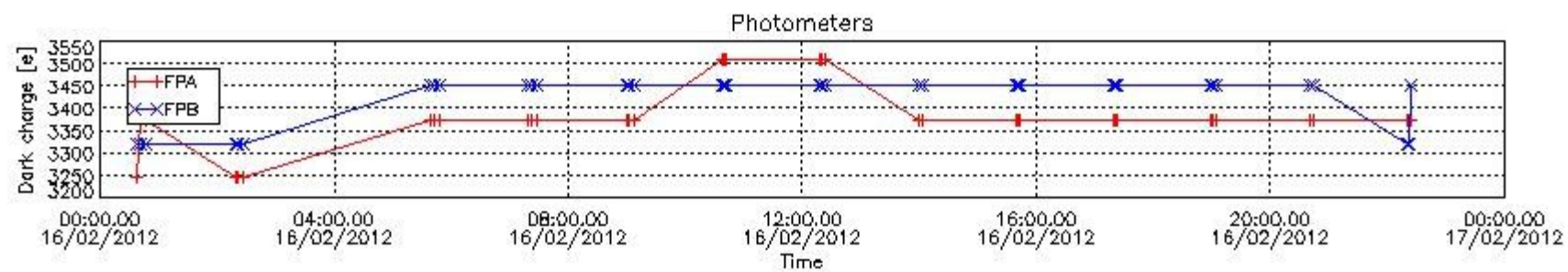
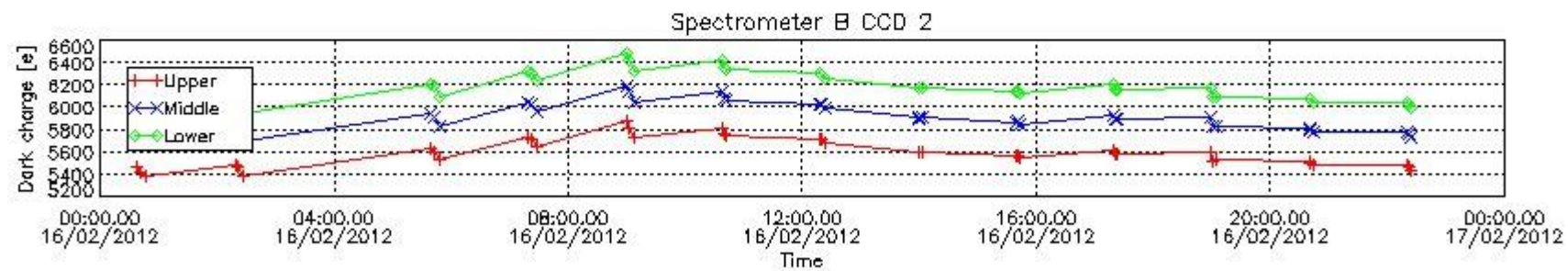
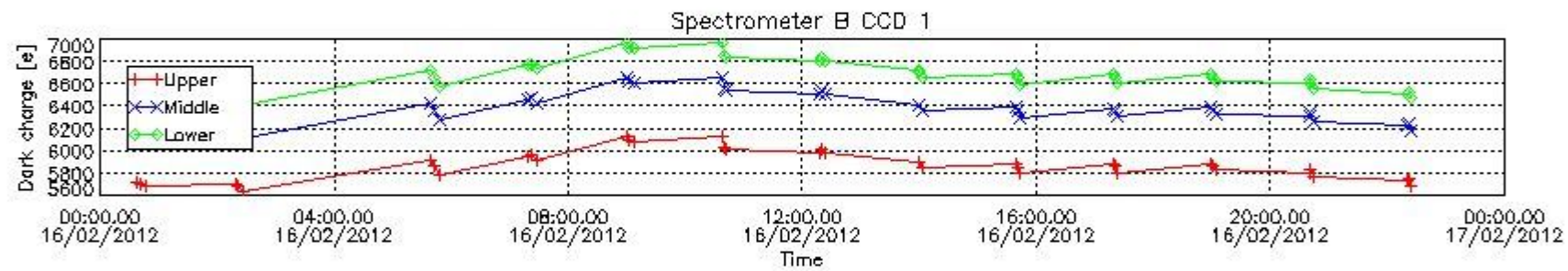
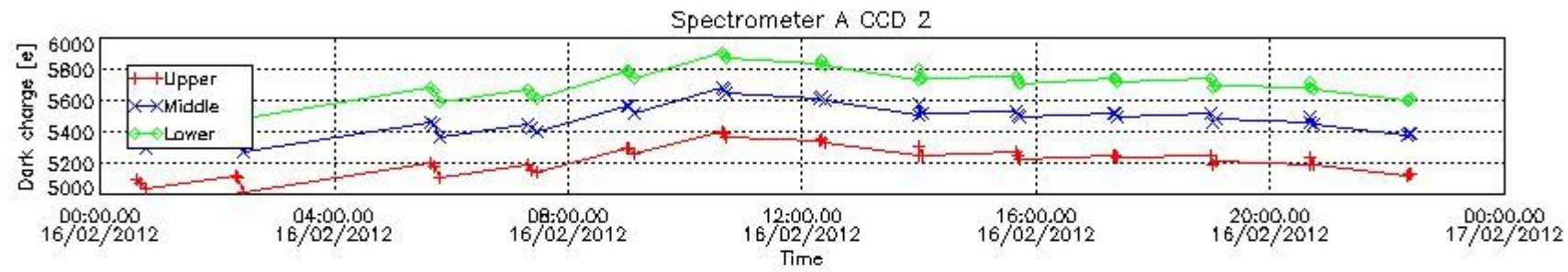
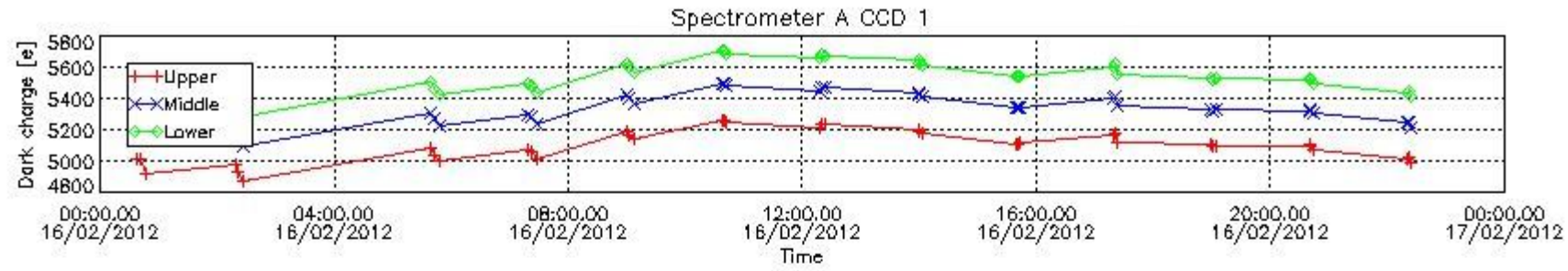
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20120216_003814_000000453111_00376_52114_8431.N1	DC map used
GOM_TRA_1PNPDE20120216_004102_000000513111_00376_52114_8432.N1	DC map used
GOM_TRA_1PNPDE20120216_004657_000000413111_00376_52114_8433.N1	DC map used
GOM_TRA_1PNPDE20120216_021828_000000413111_00377_52115_8448.N1	DC map used
GOM_TRA_1PNPDE20120216_022117_000000403111_00377_52115_8449.N1	DC map used

GOM_TRA_1PNPDE20120216_022711_000000453111_00377_52115_8450.N1	DC map used
GOM_TRA_1PNPDE20120216_053858_000000433111_00379_52117_8552.N1	DC map used
GOM_TRA_1PNPDE20120216_054146_000000413111_00379_52117_8553.N1	DC map used
GOM_TRA_1PNPDE20120216_054740_000000413111_00379_52117_8554.N1	DC map used
GOM_TRA_1PNPDK20120216_071912_000000433111_00380_52118_2780.N1	DC map used
GOM_TRA_1PNPDK20120216_072200_000000463111_00380_52118_2781.N1	DC map used
GOM_TRA_1PNPDK20120216_072755_000000423111_00380_52118_2782.N1	DC map used
GOM_TRA_1PNPDK20120216_085927_000000513111_00381_52119_2810.N1	DC map used
GOM_TRA_1PNPDK20120216_090215_000000513111_00381_52119_2811.N1	DC map used
GOM_TRA_1PNPDK20120216_090809_000000423111_00381_52119_2812.N1	DC map used
GOM_TRA_1PNPDK20120216_103822_000000423111_00382_52120_2851.N1	DC map used
GOM_TRA_1PNPDK20120216_103941_000000483111_00382_52120_2852.N1	DC map used
GOM_TRA_1PNPDK20120216_104229_000000413111_00382_52120_2853.N1	DC map used
GOM_TRA_1PNPDK20120216_121837_000000453111_00383_52121_2886.N1	DC map used
GOM_TRA_1PNPDK20120216_121956_000000423111_00383_52121_2887.N1	DC map used
GOM_TRA_1PNPDK20120216_122244_000000493111_00383_52121_2888.N1	DC map used
GOM_TRA_1PNPDK20120216_135851_000000443111_00384_52122_2927.N1	DC map used
GOM_TRA_1PNPDK20120216_140010_000000423111_00384_52122_2928.N1	DC map used
GOM_TRA_1PNPDK20120216_140258_000000433111_00384_52122_2929.N1	DC map used
GOM_TRA_1PNPDK20120216_153906_000000443111_00385_52123_2971.N1	DC map used
GOM_TRA_1PNPDK20120216_154024_000000423111_00385_52123_2972.N1	DC map used
GOM_TRA_1PNPDK20120216_154313_000000443111_00385_52123_2973.N1	DC map used
GOM_TRA_1PNPDK20120216_171920_000000463111_00386_52124_3194.N1	DC map used
GOM_TRA_1PNPDK20120216_172039_000000443111_00386_52124_3195.N1	DC map used
GOM_TRA_1PNPDK20120216_172327_000000533111_00386_52124_3196.N1	DC map used
GOM_TRA_1PNPDK20120216_185935_000000433111_00387_52125_3231.N1	DC map used
GOM_TRA_1PNPDK20120216_190054_000000483111_00387_52125_3232.N1	DC map used
GOM_TRA_1PNPDK20120216_190342_000000413111_00387_52125_3233.N1	DC map used
GOM_TRA_1PNPDK20120216_203949_000000523111_00388_52126_3267.N1	DC map used
GOM_TRA_1PNPDK20120216_204108_000000443111_00388_52126_3268.N1	DC map used
GOM_TRA_1PNPDK20120216_204356_000000463111_00388_52126_3269.N1	DC map used
GOM_TRA_1PNPDE20120216_222004_000000443111_00389_52127_8781.N1	DC map used
GOM_TRA_1PNPDE20120216_222123_000000443111_00389_52127_8782.N1	DC map used
GOM_TRA_1PNPDE20120216_222410_000000433111_00389_52127_8783.N1	DC map used

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



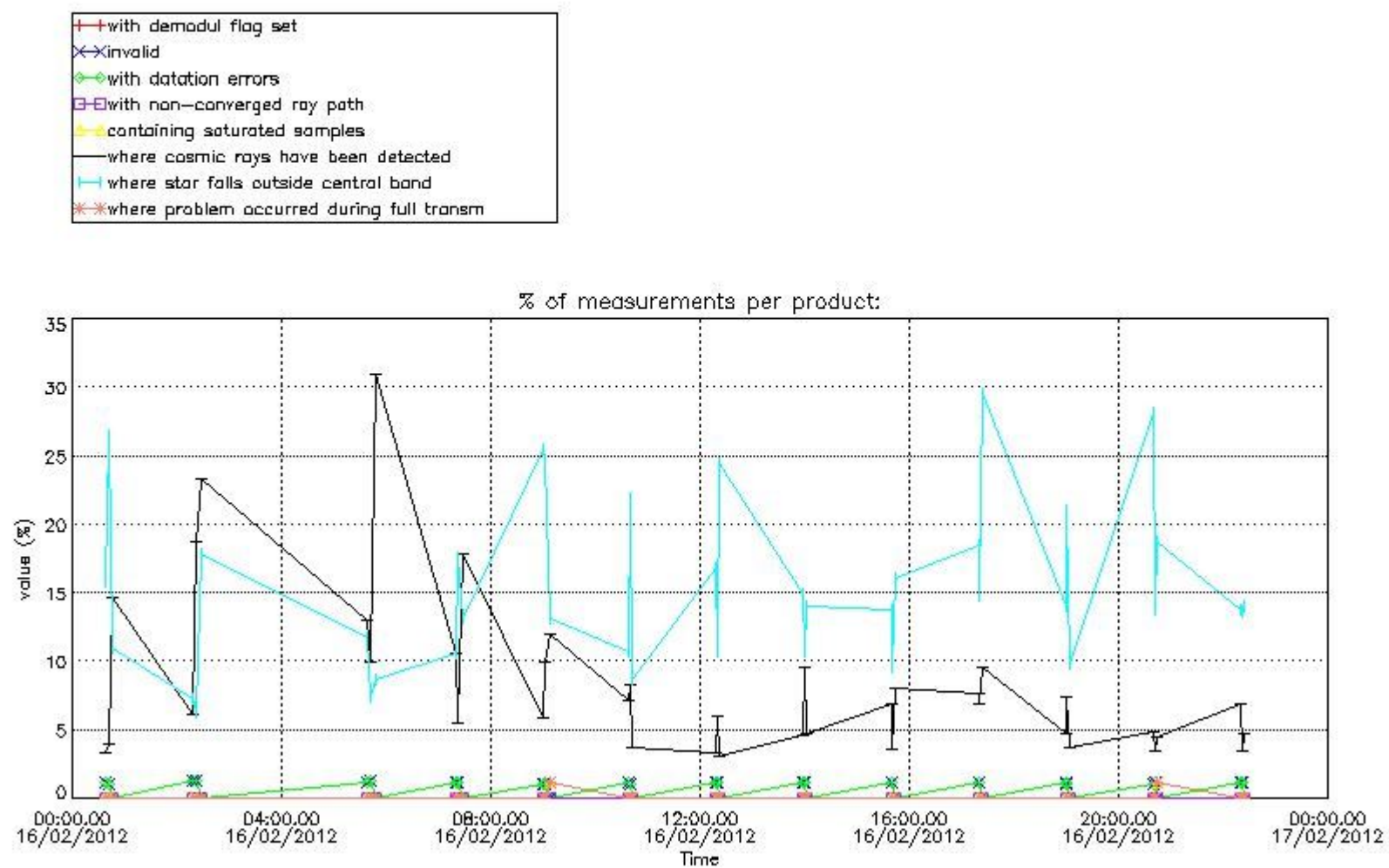
5. Demodulation flag and quality information monitoring

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.

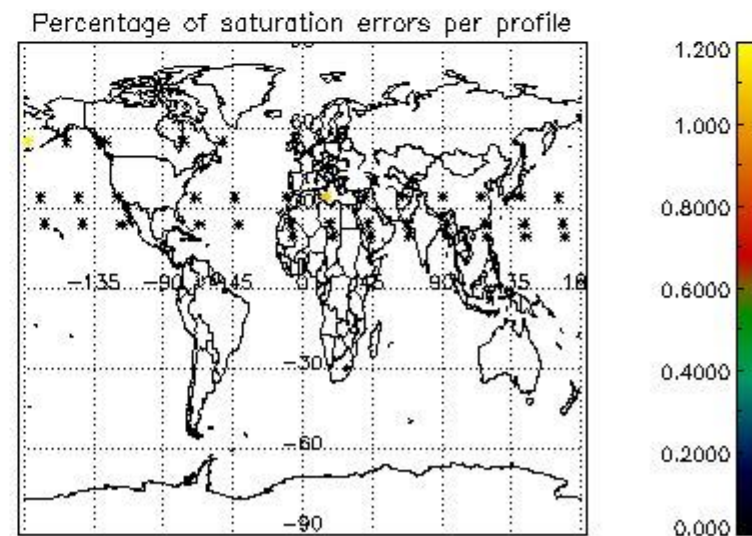
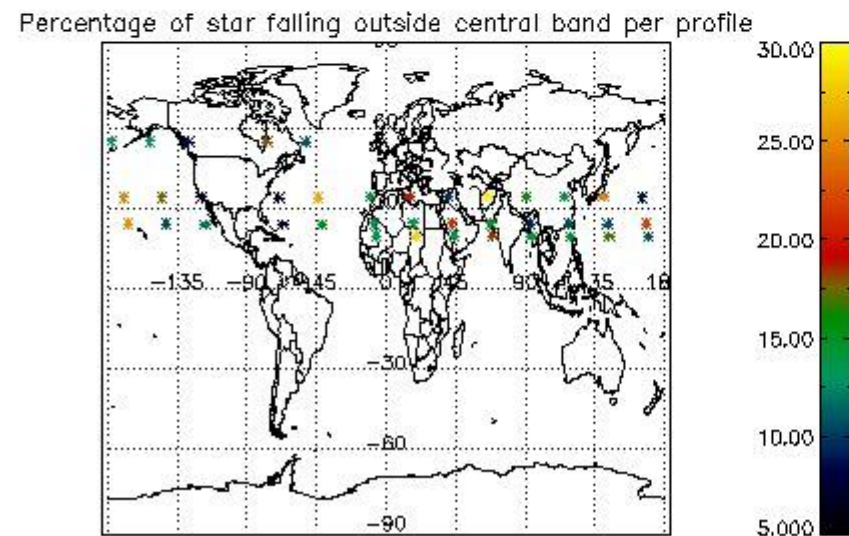
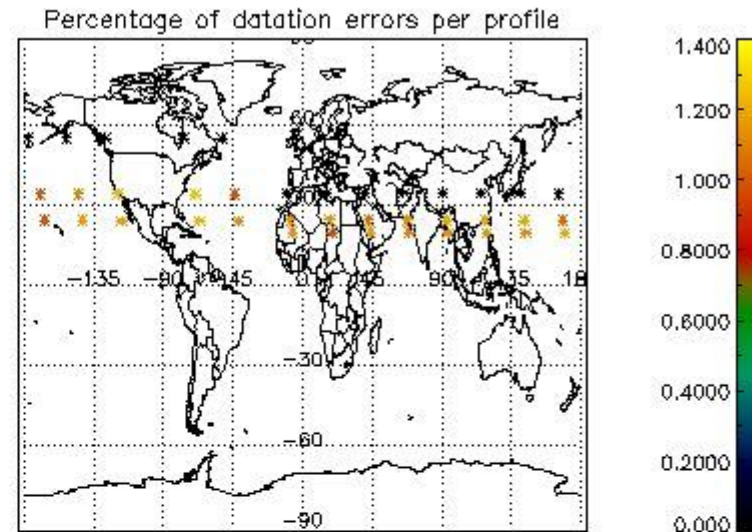
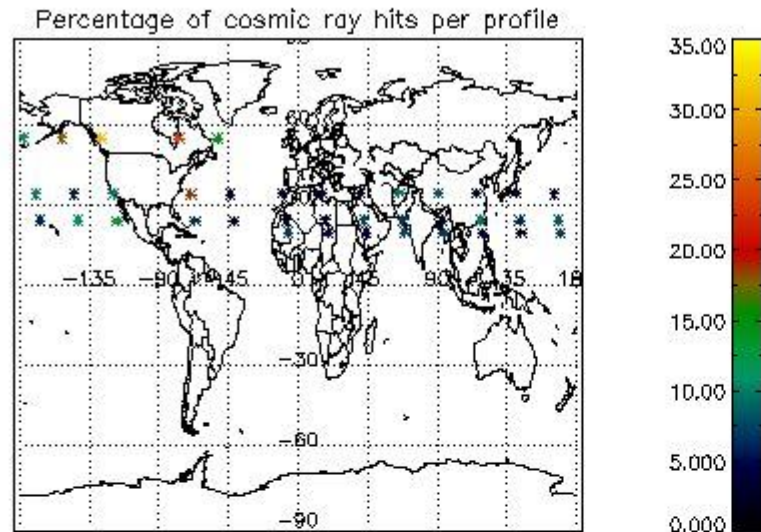
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	82.0513 %
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)



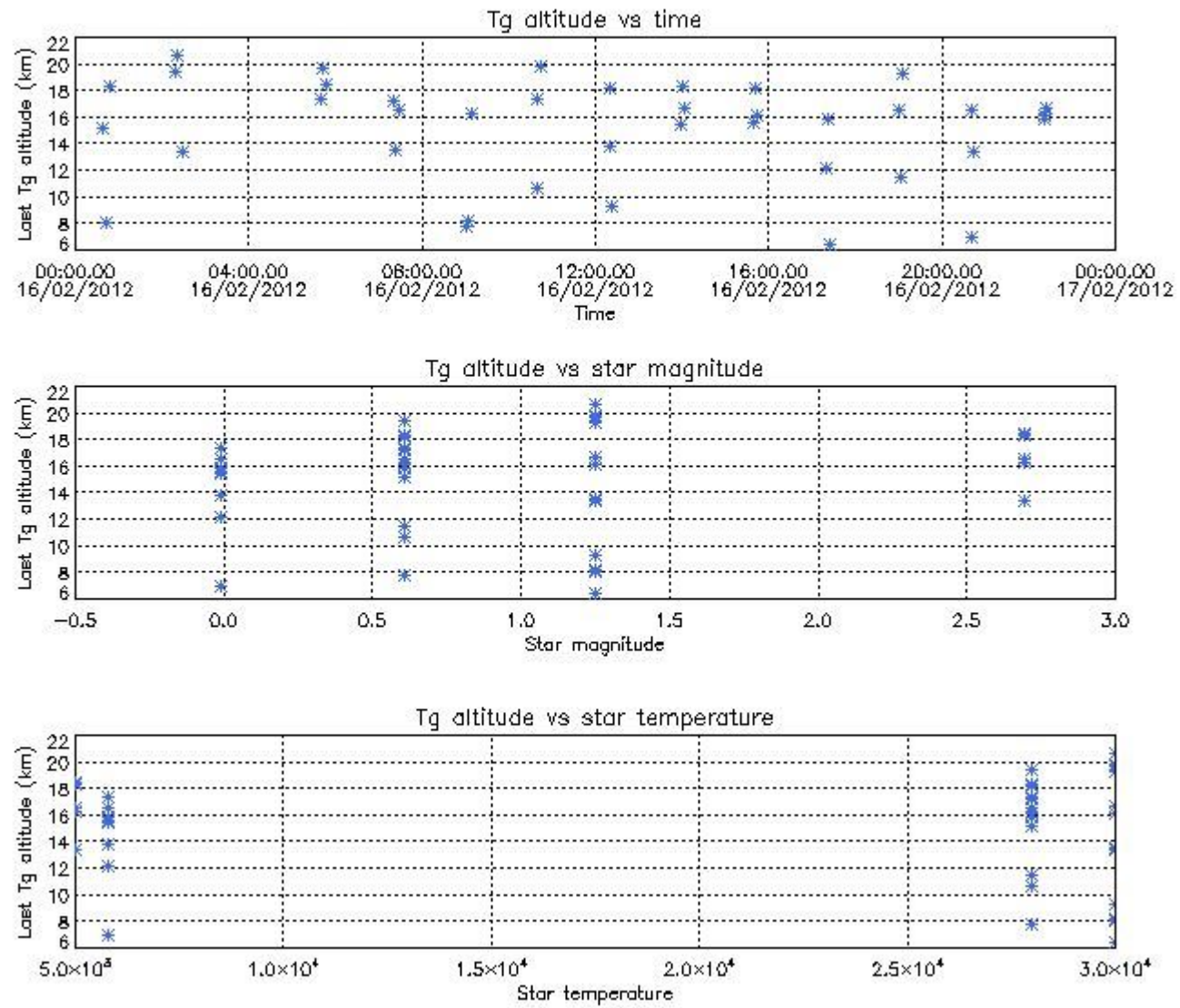
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.045	NaN	NaN
St. deviation:	3.8793	NaN	NaN
Maximum:	20.605	NaN	NaN
Minimum:	6.4129	NaN	NaN
Number of data:	39.000	NaN	NaN

6.2 Plot for DARK limb products

Tangent altitude at which the star is lost

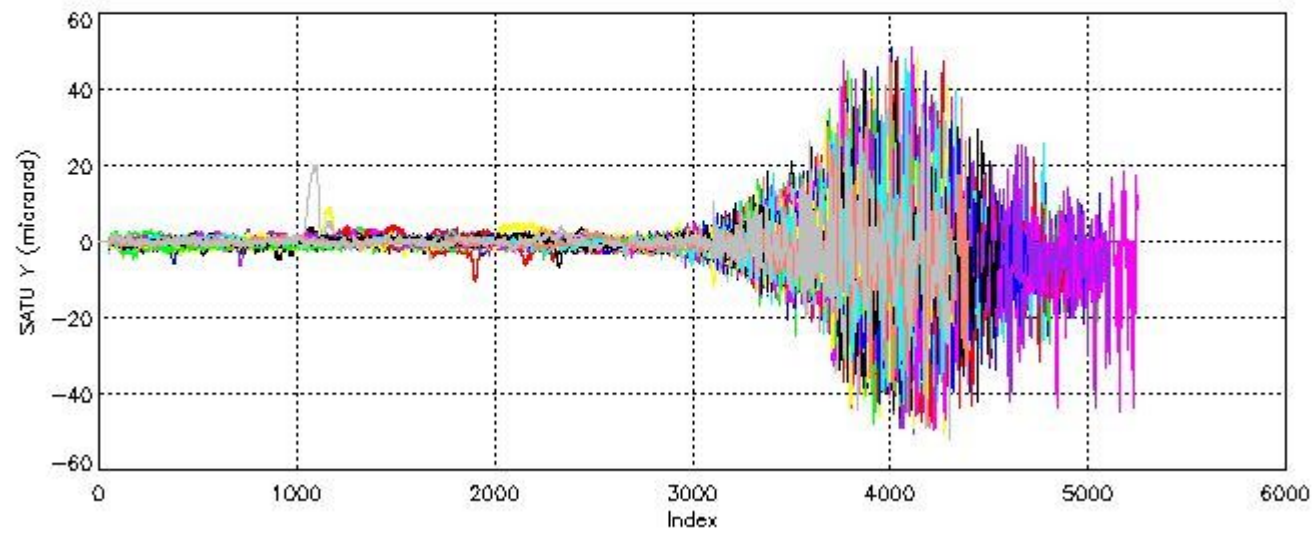
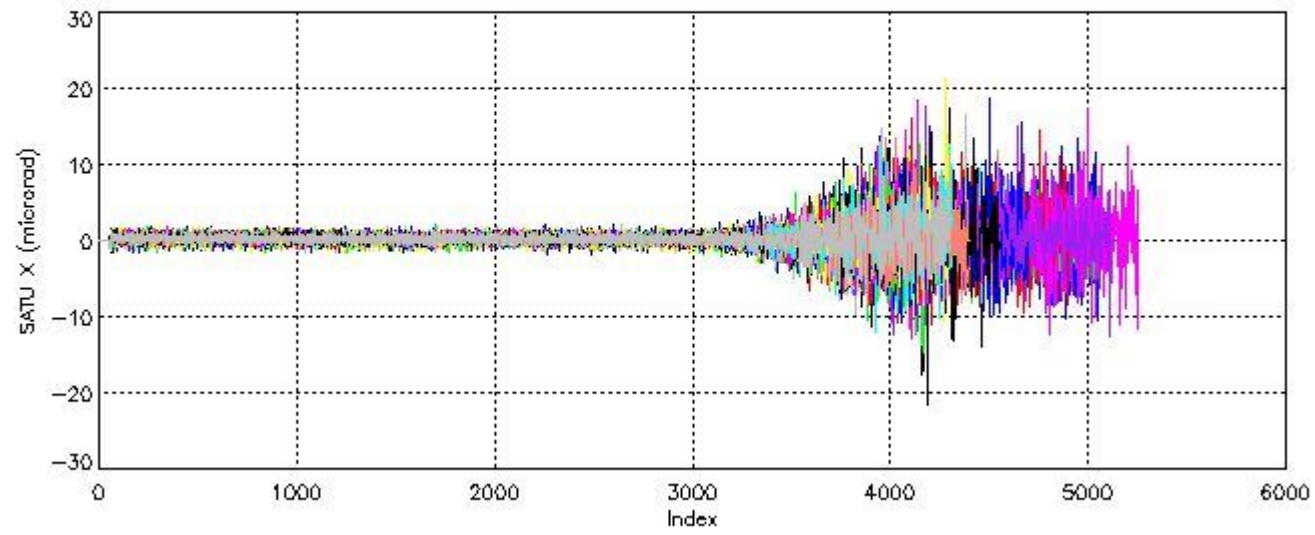


7. Star Acquisition and Tracking Unit (SATU)

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:	0.19166	-0.28677	NaN	NaN
St. deviation:	0.30369	0.66163	NaN	NaN
Maximum:	2.0000	3.1000	NaN	NaN
Minimum:	-1.8000	-6.5000	NaN	NaN

Number of data:	37400.	37400.	NaN	NaN
90Percentile:	0.60000	0.60000	NaN	NaN

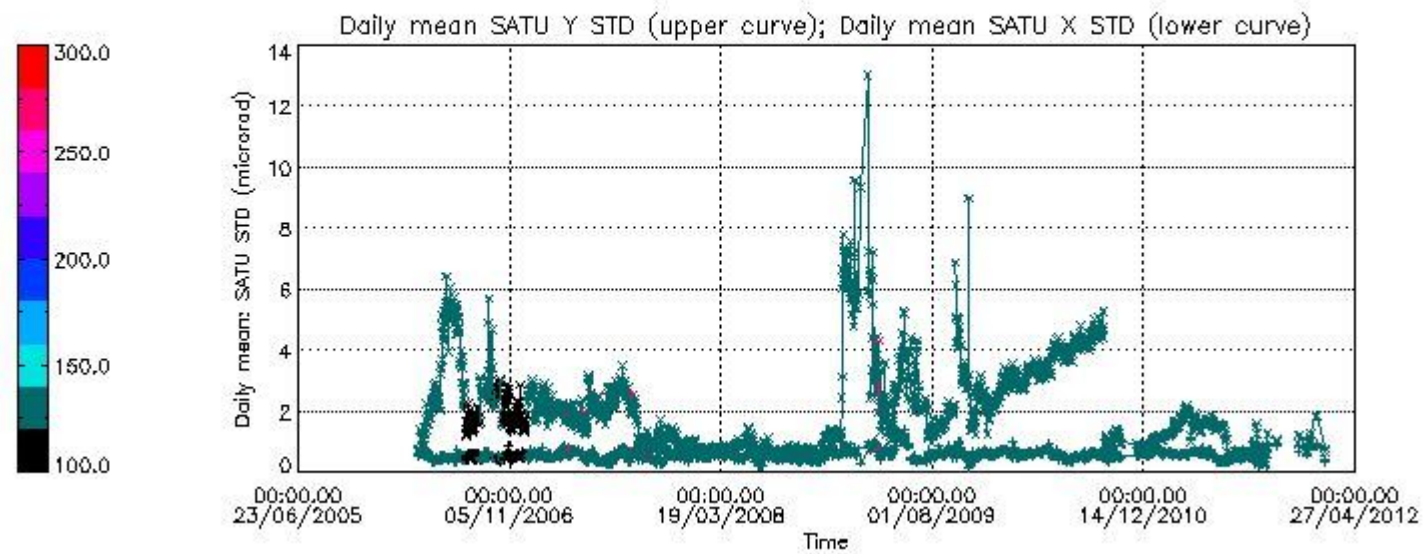
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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.

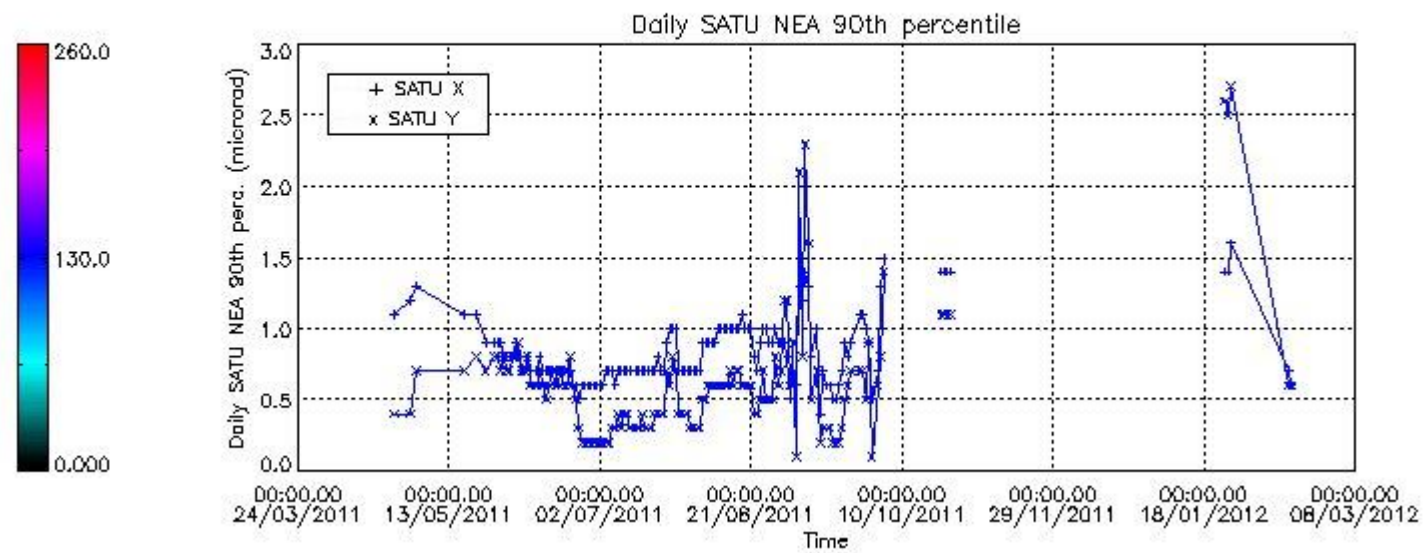
Upper curve: STD of SATU Y axis

Lower curve: STD of SATU X axis



Lower curve: 90th percentile of SATU Y axis

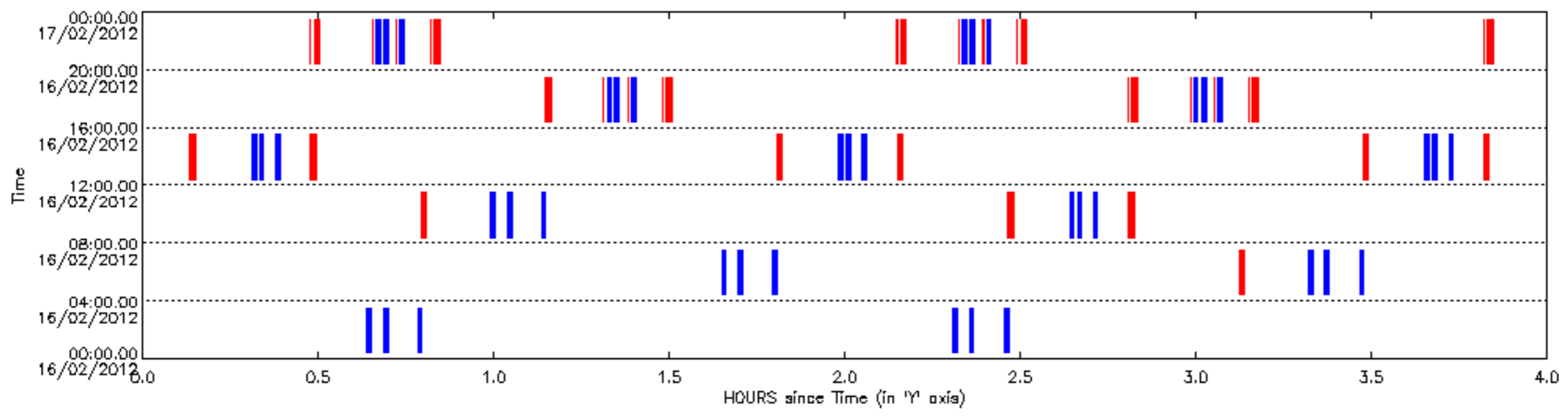
Upper curve: 90th percentile of SATU X axis

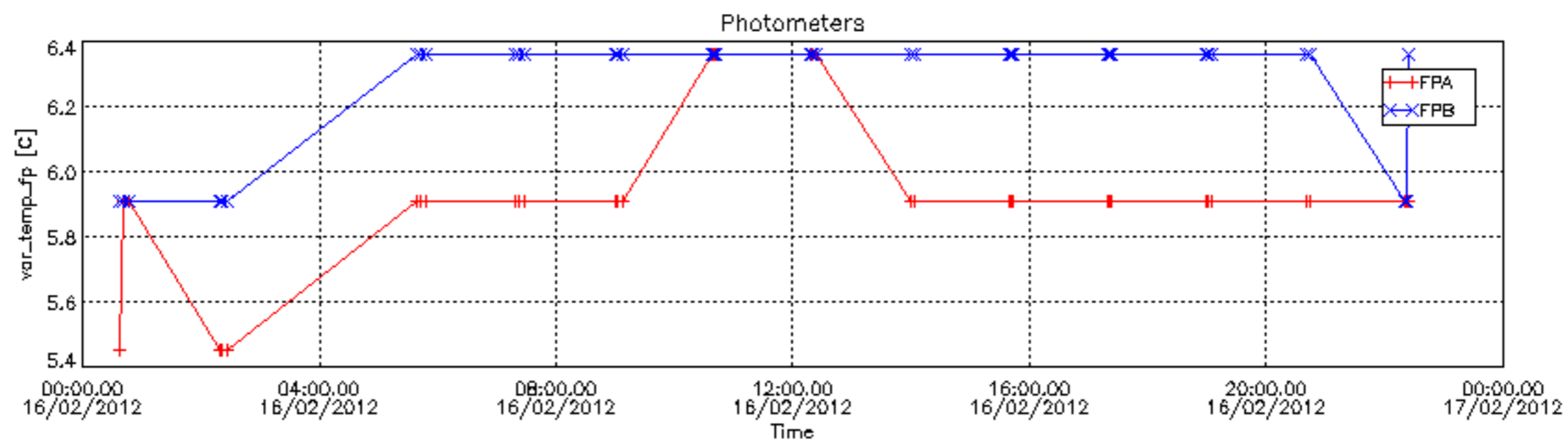
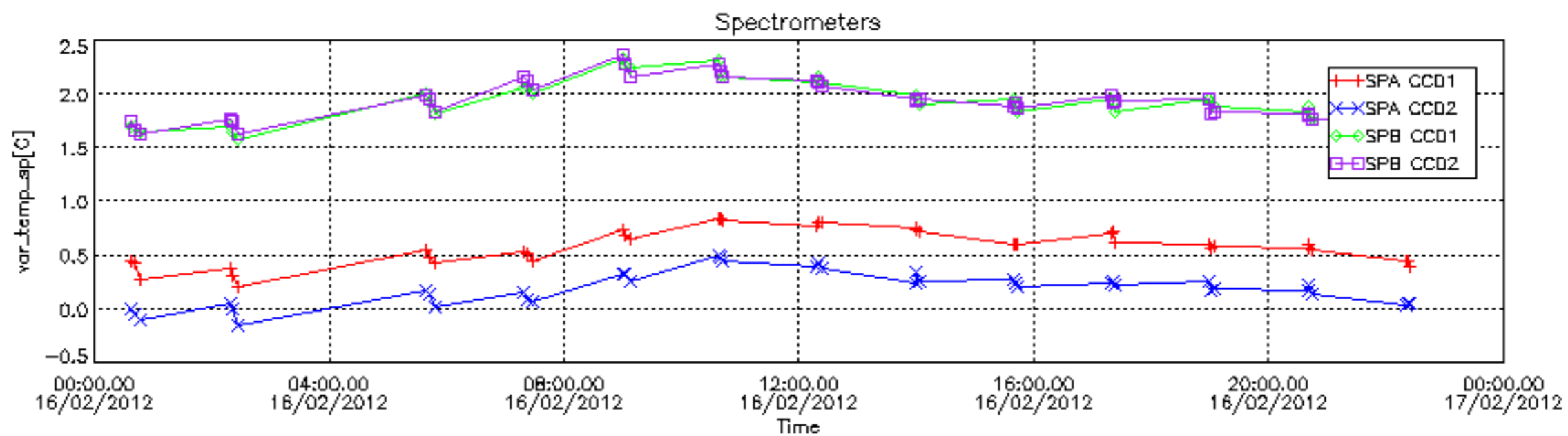


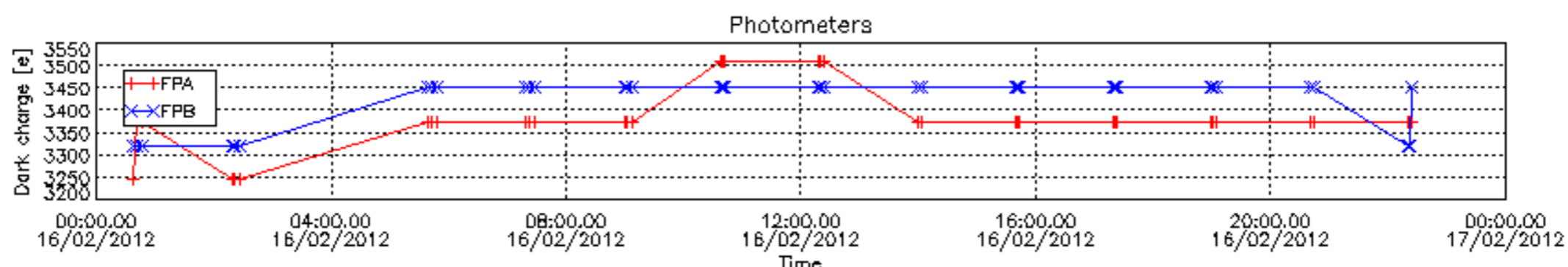
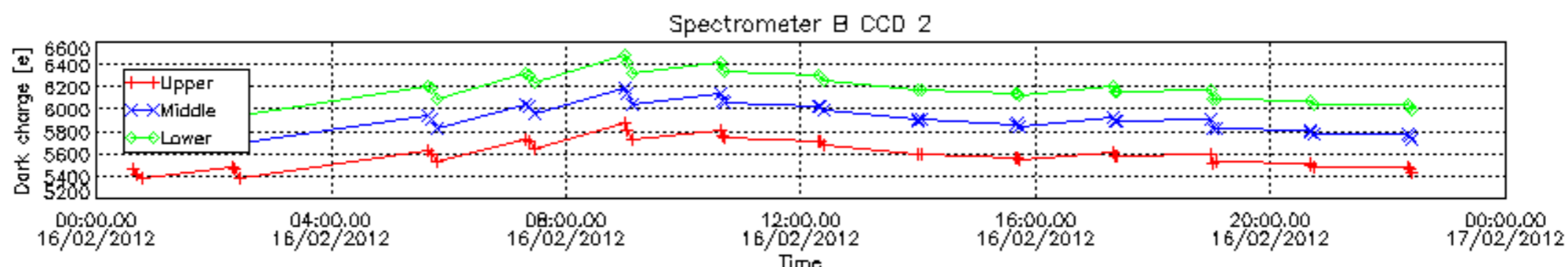
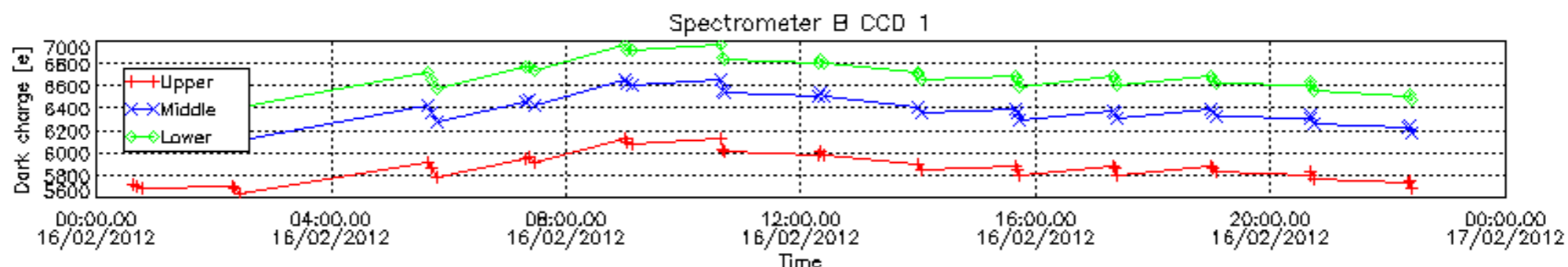
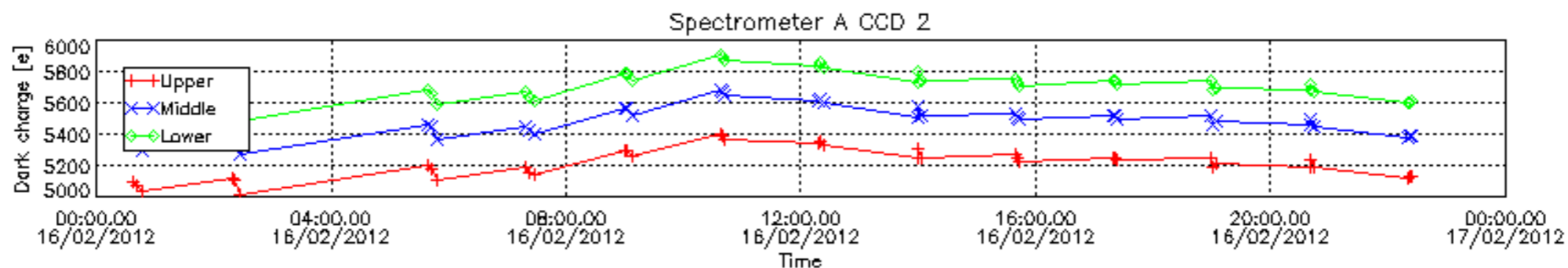
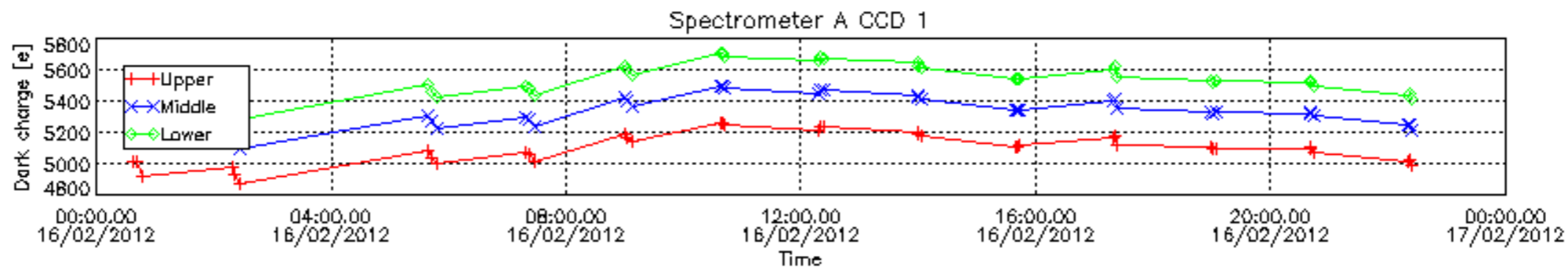
8. Auxiliary Data Files used for the production reported in section 2.4

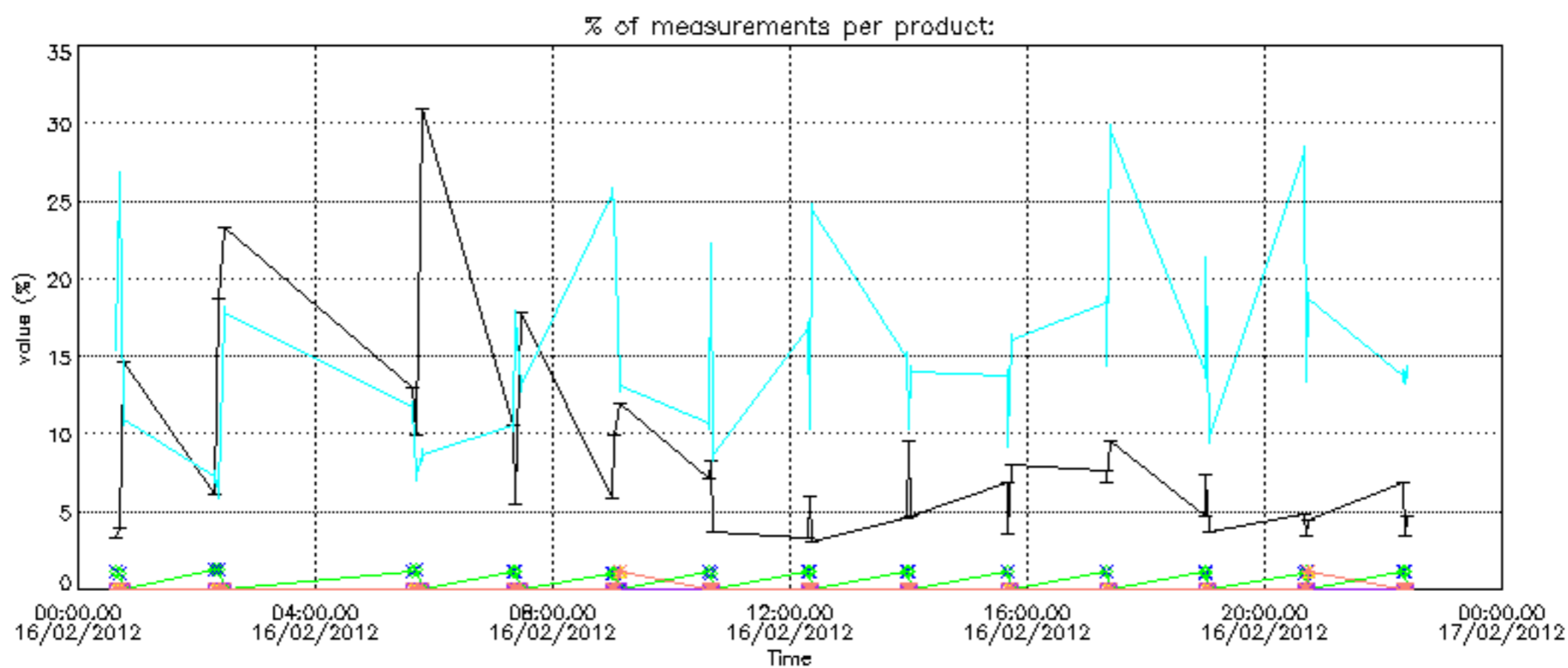
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	16-FEB-2012 00:38:14
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20120130_103112_20120125_000000_20500101_000000	1	16-FEB-2012 00:38:14
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	16-FEB-2012 00:38:14
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	16-FEB-2012 00:38:14
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	16-FEB-2012 00:38:14
ECMWF_FILE	AUX_ECF_AXNECM20120215_061241_20120215_210000_20120216_090000	1	16-FEB-2012 00:38:14
ECMWF_FILE	AUX_ECA_AXNECM20120216_062115_20120215_210000_20120216_090000	7	16-FEB-2012 05:38:58
ECMWF_FILE	AUX_ECF_AXNECM20120215_180114_20120216_030000_20120216_150000	13	16-FEB-2012 08:59:27
ECMWF_FILE	AUX_ECF_AXNECM20120216_062115_20120216_090000_20120216_210000	16	16-FEB-2012 10:38:22
ECMWF_FILE	AUX_ECF_AXNECM20120216_062115_20120216_150000_20120217_030000	25	16-FEB-2012 15:39:06
ECMWF_FILE	AUX_ECA_AXNECM20120216_182116_20120216_090000_20120216_210000	31	16-FEB-2012 18:59:35
ECMWF_FILE	AUX_ECF_AXNECM20120216_062116_20120216_210000_20120217_090000	37	16-FEB-2012 22:20:04
OPTIONAL_ECMWF_FILE	MISSING	1	16-FEB-2012 00:38:14
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120215_232113_20120215_193050_20120225_200414	1	16-FEB-2012 00:38:14

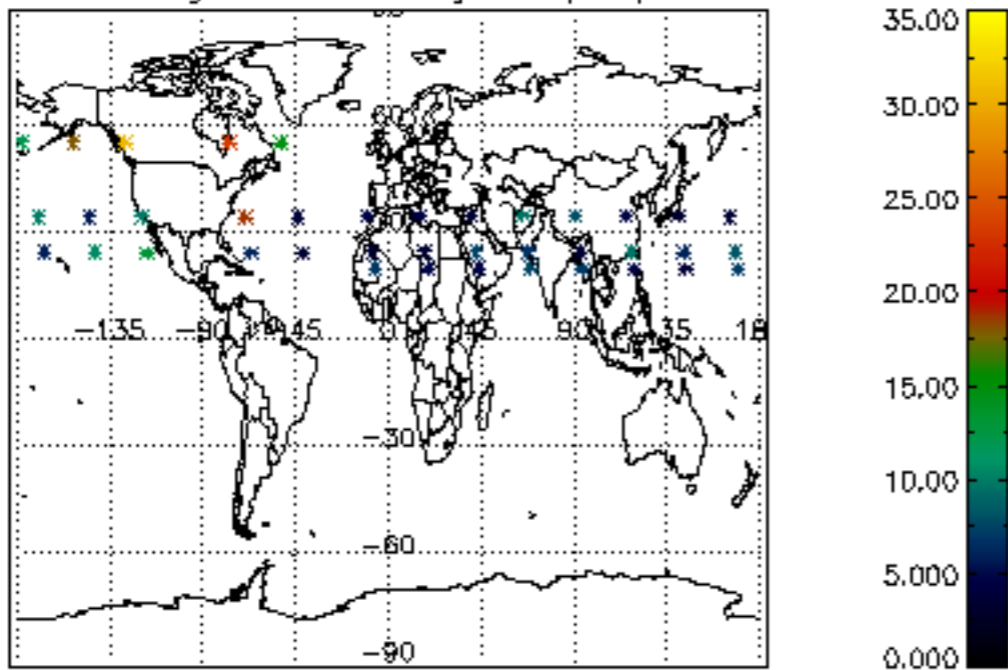




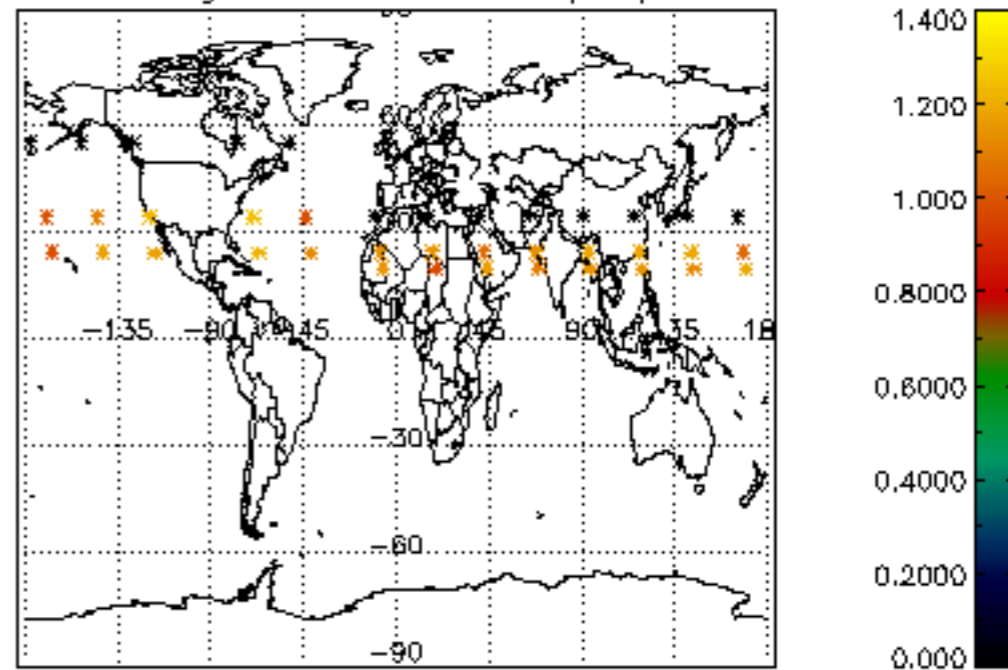




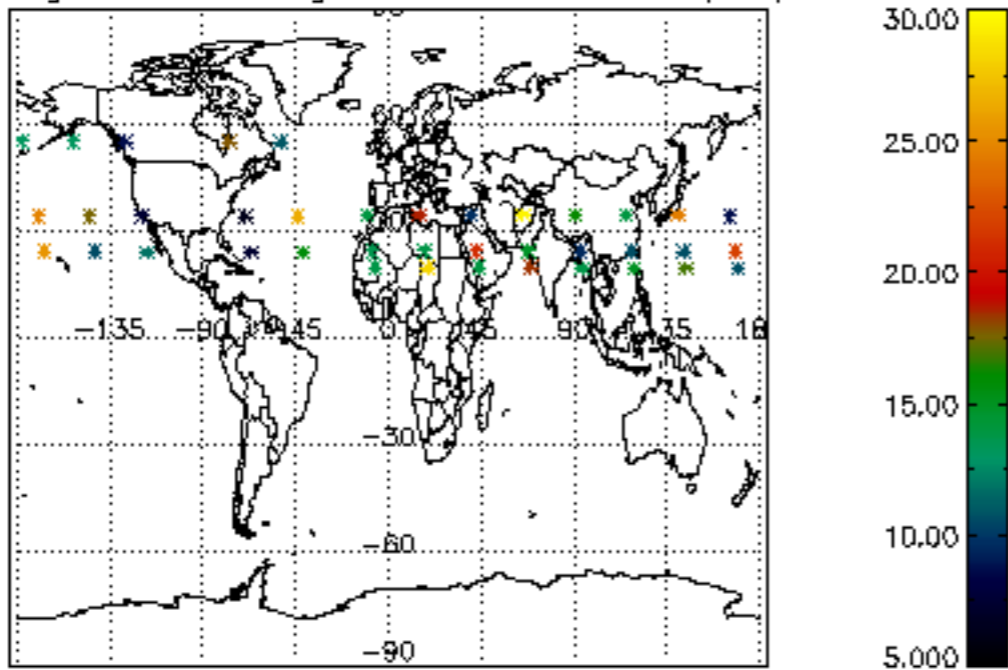
Percentage of cosmic ray hits per profile



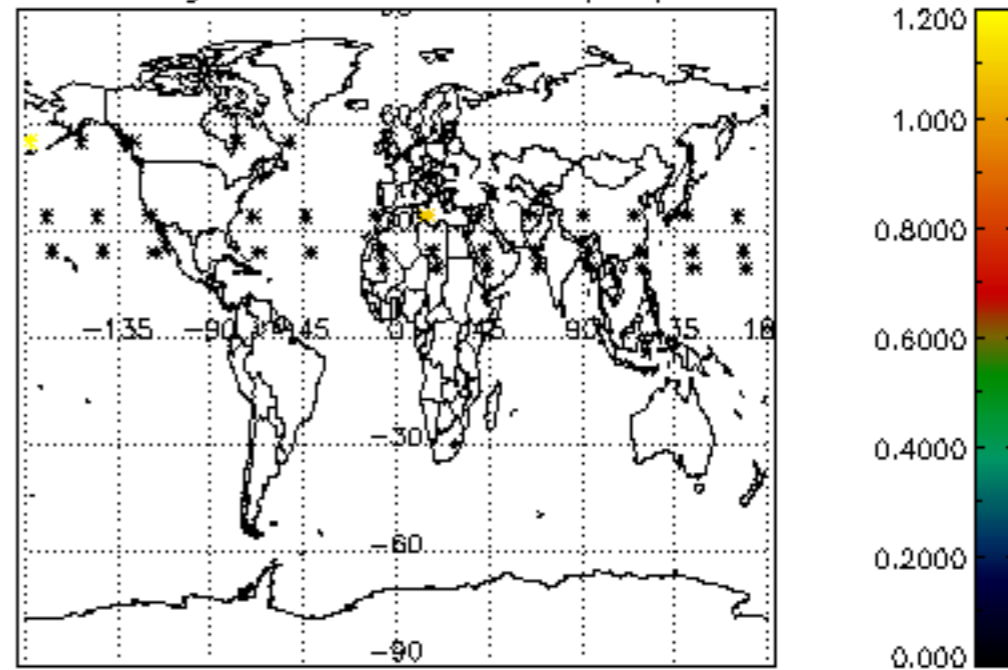
Percentage of datation errors per profile



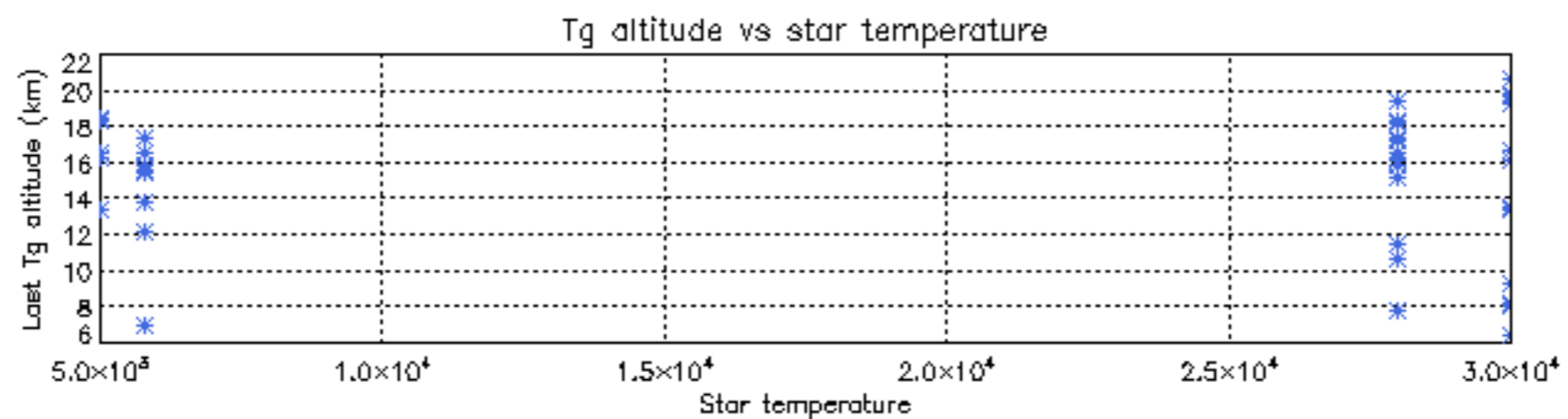
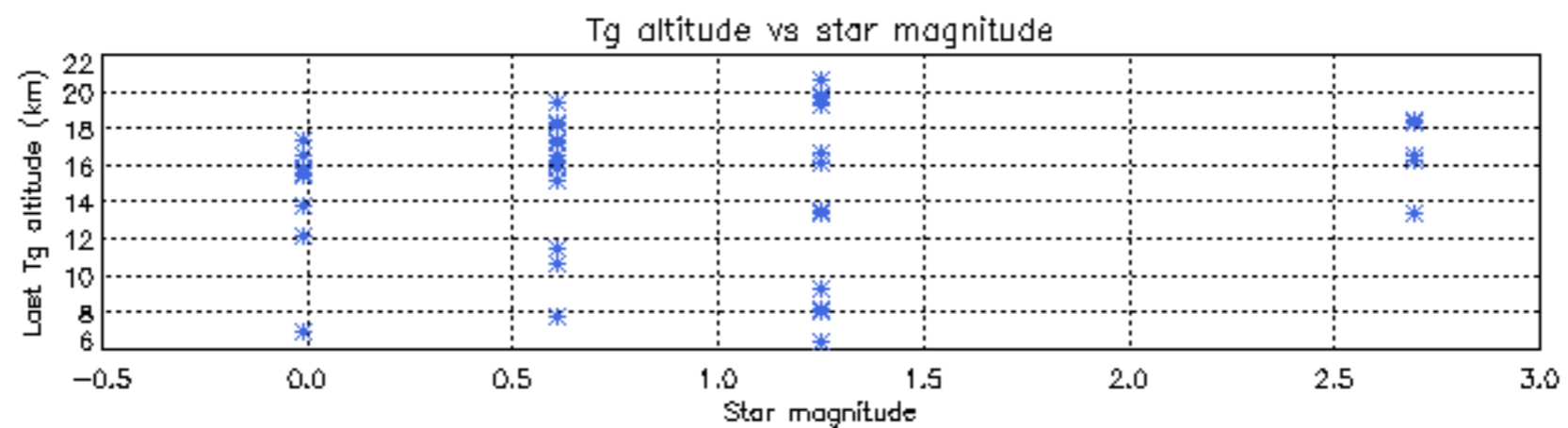
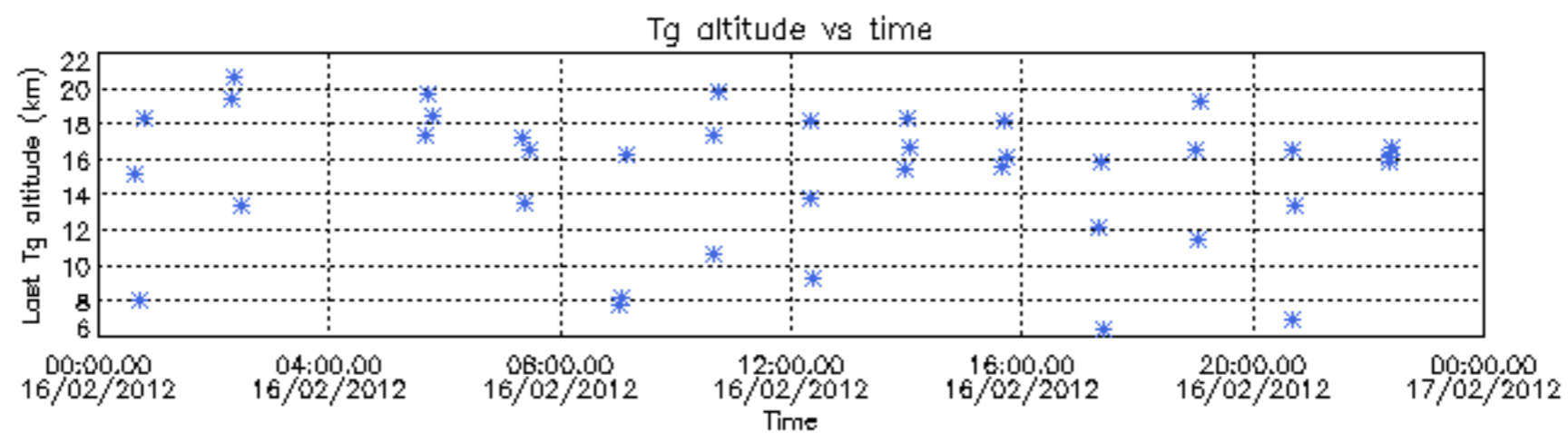
Percentage of star falling outside central band per profile

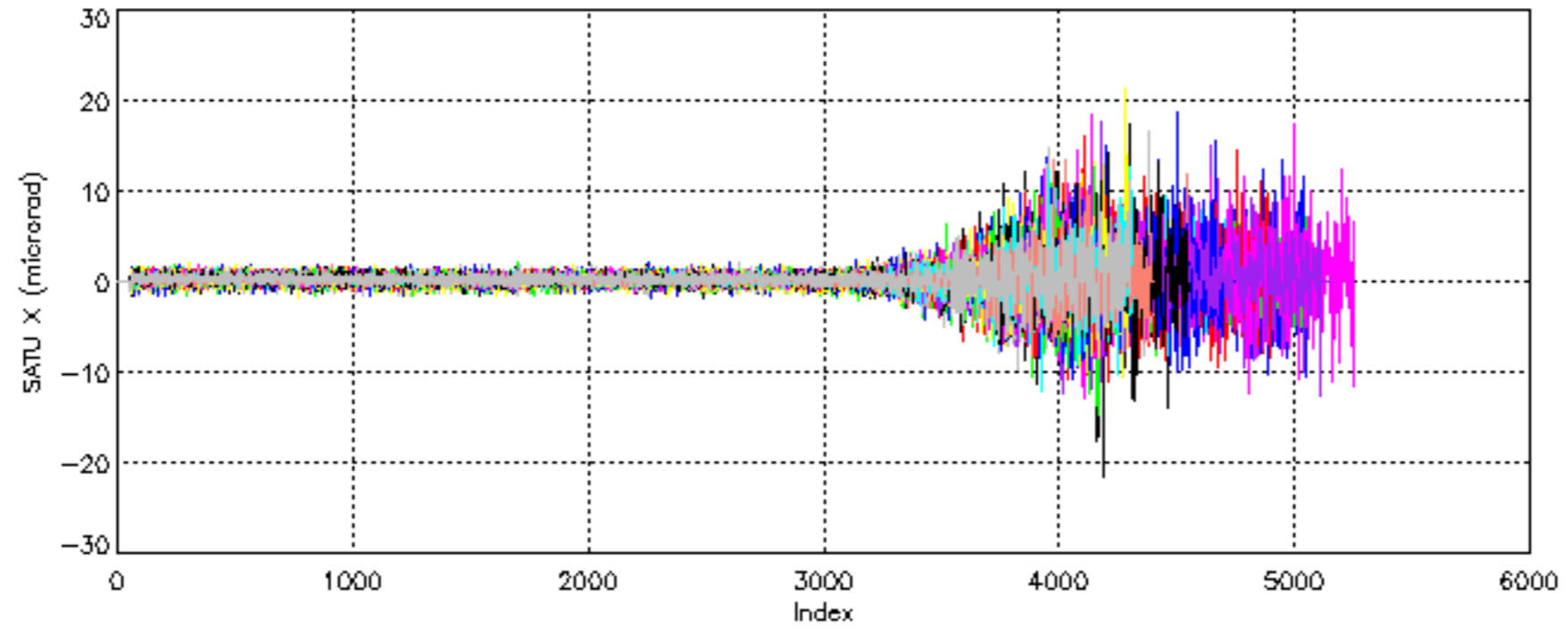


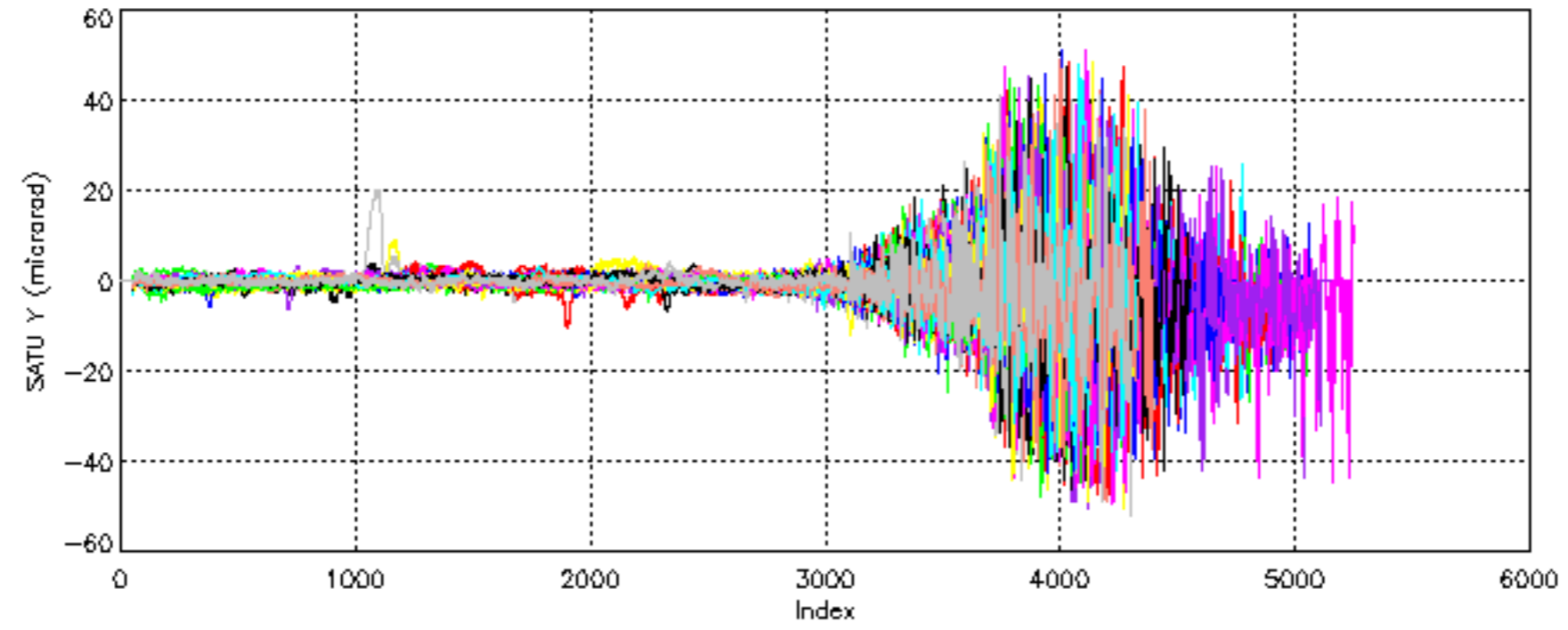
Percentage of saturation errors per profile

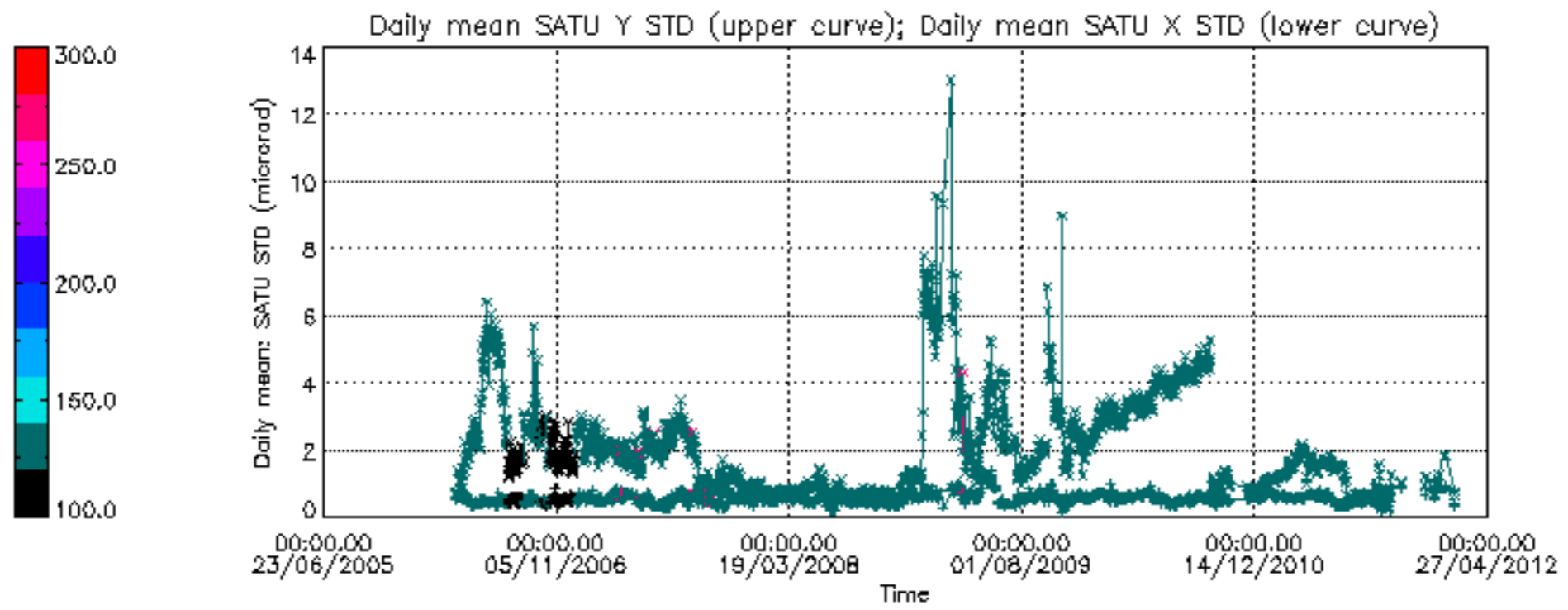


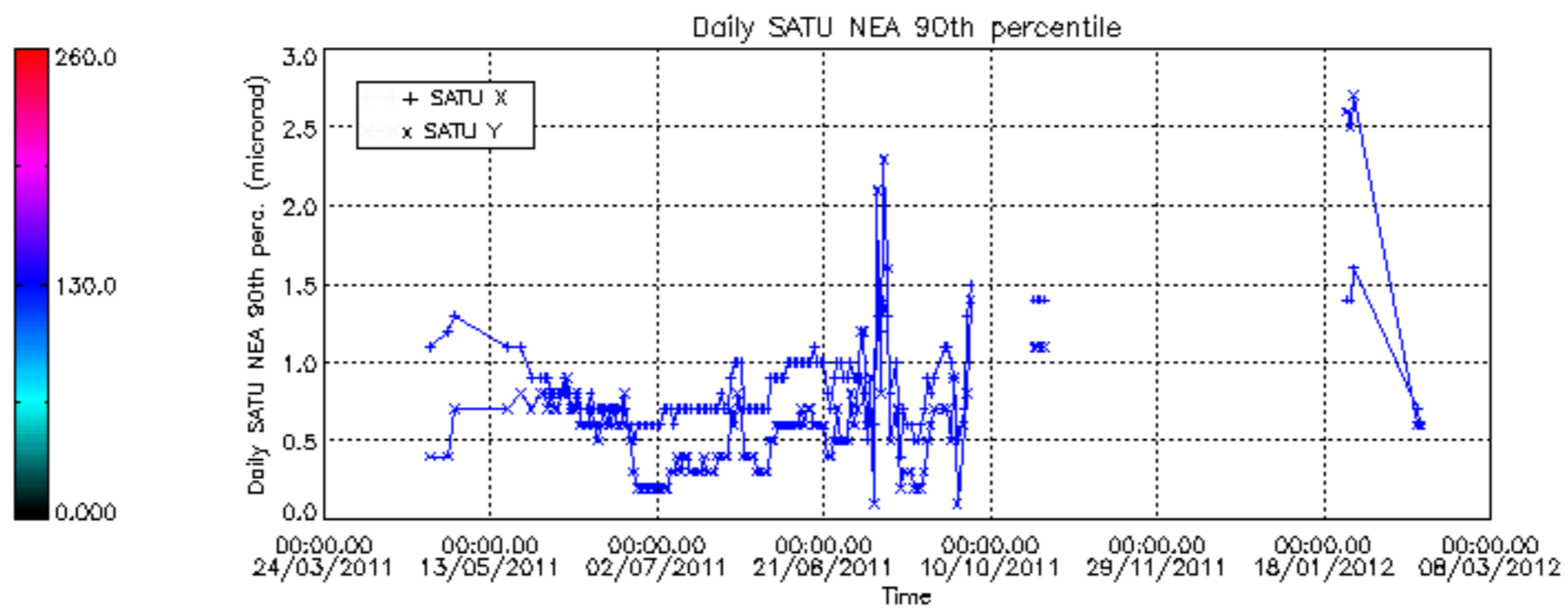
Tangent altitude at which the star is lost











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3; 921.0; 15-FEB-2012 06:24:20; Dark ; 33.5; 113; Mu Vel ; 2.69; 5000;occ; 67; 0;52103
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2; 569.2; 15-FEB-2012 21:20:33; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;52112
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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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5; 6593.5; 17-FEB-2012 03:24:54; Dark ; 41.0; 20; Bet Cru ; 1.25; 30000;occ; 82; 0;52130
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1; -302.8; 17-FEB-2012 04:50:25; Dark ; 41.5; 25; 35Lam Sco ; 1.62; 28000;occ; 83; 0;52130
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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120217_063040_000009263111_00393_52131_6621.N1
1; -302.2; 17-FEB-2012 06:30:40; Dark ; 44.0; 25; 35Lam Sco ; 1.62; 28000;occ; 88; 0;52131
2; 413.1; 17-FEB-2012 06:42:35; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52132
3; 580.6; 17-FEB-2012 06:45:23; Dark ; 44.0; 20; Bet Cru ; 1.25; 30000;occ; 88; 0;52132
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120217_213251_000009253111_00402_52140_6622.N1
1; -296.5; 17-FEB-2012 21:32:51; Dark ; 41.5; 25; 35Lam Sco ; 1.62; 28000;occ; 83; 0;52140
2; 418.6; 17-FEB-2012 21:44:46; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52141
3; 585.6; 17-FEB-2012 21:47:33; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;52141
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120217_231306_000009233111_00403_52141_6623.N1
1; -295.9; 17-FEB-2012 23:13:06; Dark ; 38.0; 25; 35Lam Sco ; 1.62; 28000;occ; 76; 0;52141
2; 419.2; 17-FEB-2012 23:25:01; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52142
3; 586.1; 17-FEB-2012 23:27:48; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;52142
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120217_081055_000009313111_00394_52132_5610.N1
1; -301.5; 17-FEB-2012 08:10:55; Dark ; 46.0; 25; 35Lam Sco ; 1.62; 28000;occ; 92; 0;52132
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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1; -301.0; 17-FEB-2012 09:51:09; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;52133
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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120217_113124_000009223111_00396_52134_5612.N1
1; -300.4; 17-FEB-2012 11:31:24; Dark ; 41.5; 25; 35Lam Sco ; 1.62; 28000;occ; 83; 0;52134
2; 415.0; 17-FEB-2012 11:43:19; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52135
3; 582.3; 17-FEB-2012 11:46:06; Dark ; 40.0; 20; Bet Cru ; 1.25; 30000;occ; 80; 0;52135
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120217_131138_000009273111_00397_52135_5613.N1
1; -299.7; 17-FEB-2012 13:11:38; Dark ; 45.5; 25; 35Lam Sco ; 1.62; 28000;occ; 91; 0;52135
2; 415.6; 17-FEB-2012 13:23:33; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52136
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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1; -299.0; 17-FEB-2012 14:51:53; Dark ; 45.5; 25; 35Lam Sco ; 1.62; 28000;occ; 91; 0;52136
2; 416.1; 17-FEB-2012 15:03:48; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52137
3; 583.5; 17-FEB-2012 15:06:35; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;52137

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1; -298.5; 17-FEB-2012 16:32:07; Dark ; 42.0; 25; 35Lam Sco ; 1.62; 28000;occ; 84; 0;52137
2; 416.7; 17-FEB-2012 16:44:02; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52138
3; 584.0; 17-FEB-2012 16:46:50; Dark ; 47.5; 20; Bet Cru ; 1.25; 30000;occ; 95; 0;52138
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120217_181222_000009223111_00400_52138_5616.N1
1; -297.8; 17-FEB-2012 18:12:22; Dark ; 43.0; 25; 35Lam Sco ; 1.62; 28000;occ; 86; 0;52138
2; 417.3; 17-FEB-2012 18:24:17; Dark ; 48.0; 10; Bet Cen ; 0.61; 28000;occ; 96; 0;52139
3; 584.6; 17-FEB-2012 18:27:04; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;52139
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120217_195237_000009263111_00401_52139_5617.N1
1; -297.2; 17-FEB-2012 19:52:37; Dark ; 41.0; 25; 35Lam Sco ; 1.62; 28000;occ; 82; 0;52139
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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120218_005320_000009233111_00404_52142_6624.N1
1; -295.3; 18-FEB-2012 00:53:20; Dark ; 33.0; 25; 35Lam Sco ; 1.62; 28000;occ; 66; 0;52142
2; 419.8; 18-FEB-2012 01:05:15; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52143
3; 586.7; 18-FEB-2012 01:08:02; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;52143
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120218_023335_000009293111_00405_52143_6625.N1
1; -294.6; 18-FEB-2012 02:33:35; Dark ; 28.0; 25; 35Lam Sco ; 1.62; 28000;occ; 56; 0;52143
2; 420.5; 18-FEB-2012 02:45:30; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;52144
3; 587.3; 18-FEB-2012 02:48:16; Dark ; 48.0; 20; Bet Cru ; 1.25; 30000;occ; 96; 0;52144
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120218_042544_000009503111_00407_52145_6626.N1
1; 420.9; 18-FEB-2012 04:25:44; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;52145
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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120218_224824_000009423111_00418_52156_6628.N1
1; 427.7; 18-FEB-2012 22:48:24; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52156
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_074613_000009493111_00409_52147_5618.N1
1; 422.2; 18-FEB-2012 07:46:13; Dark ; 50.0; 10; Bet Cen ; 0.61; 28000;occ; 100; 0;52147
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_092628_000009533111_00410_52148_5619.N1
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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_110642_000009503111_00411_52149_5620.N1
1; 423.4; 18-FEB-2012 11:06:42; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52149
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120218_124657_000009393111_00412_52150_5621.N1
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
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/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
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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

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1; 434.4; 19-FEB-2012 17:11:04; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52167

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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

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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

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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

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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

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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

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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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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
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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
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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
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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
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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
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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
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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
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2; 1734.7; 22-FEB-2012 04:00:51; Dark ; 47.0; 48; 30Alp Hya ; 1.98; 4100;occ; 94; 0;52202
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2; 1734.8; 22-FEB-2012 05:41:05; Dark ; 46.0; 48; 30Alp Hya ; 1.98; 4100;occ; 92; 0;52203
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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
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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
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2; 1734.8; 22-FEB-2012 07:21:19; Dark ; 21.5; 48; 30Alp Hya ; 1.98; 4100;occ; 43; 0;52204
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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
3; 6472.5; 22-FEB-2012 12:00:44; Dark ; 53.0; 10; Bet Cen ; 0.61; 28000;occ; 106; 0;52207
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2; 461.0; 22-FEB-2012 18:41:43; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;52211
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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
5; 6698.8; 23-FEB-2012 03:06:36; Dark ; 31.5; 26; Gam Cru ; 1.62; 2900;occ; 63; 0;52216
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2; 464.6; 23-FEB-2012 04:43:10; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;52217
3; 685.5; 23-FEB-2012 04:46:50; Dark ; 32.5; 26; Gam Cru ; 1.62; 2900;occ; 65; 0;52217
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3; 685.9; 23-FEB-2012 06:27:05; Dark ; 33.5; 26; Gam Cru ; 1.62; 2900;occ; 67; 0;52218
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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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2; 465.8; 23-FEB-2012 08:03:39; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52219
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2; 466.4; 23-FEB-2012 09:43:53; Dark ; 53.5; 10; Bet Cen ; 0.61; 28000;occ; 107; 0;52220
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2; 466.9; 23-FEB-2012 11:24:08; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52221
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2; 469.9; 23-FEB-2012 19:45:20; Dark ; 52.5; 10; Bet Cen ; 0.61; 28000;occ; 105; 0;52226
3; 690.0; 23-FEB-2012 19:49:00; Dark ; 43.5; 26; Gam Cru ; 1.62; 2900;occ; 87; 0;52226
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2; 471.5; 24-FEB-2012 00:46:03; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;52229


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2; 479.4; 24-FEB-2012 22:29:13; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52242
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2; 474.2; 24-FEB-2012 07:27:02; Dark ; 50.0; 10; Bet Cen ; 0.61; 28000;occ; 100; 0;52233
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2; 474.8; 24-FEB-2012 09:07:16; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52234
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2; 475.4; 24-FEB-2012 10:47:31; Dark ; 51.5; 10; Bet Cen ; 0.61; 28000;occ; 103; 0;52235
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4; 5569.5; 25-FEB-2012 03:14:31; Dark ; 42.0; 116; 19Del Sgr ; 2.70; 4100;occ; 84; 0;52244
5; 6495.1; 25-FEB-2012 03:29:56; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52245
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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
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/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