

# GOMOS Daily Report 21-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	27FEB2012 12:09:12
Data source version	GOMOS/6.01
Start time of products	21FEB2012 00:40:56
Stop time of products	21FEB2012 23:00:09
Store outputs in DB	Yes
Nb of level 1b prods	41
Nb of prods with errors	0

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

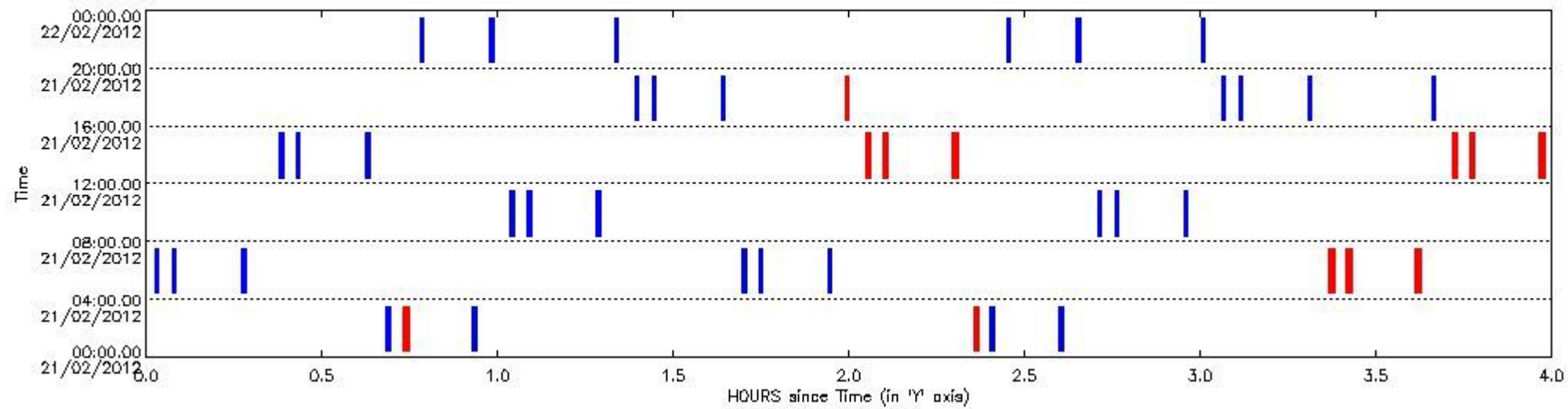
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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)

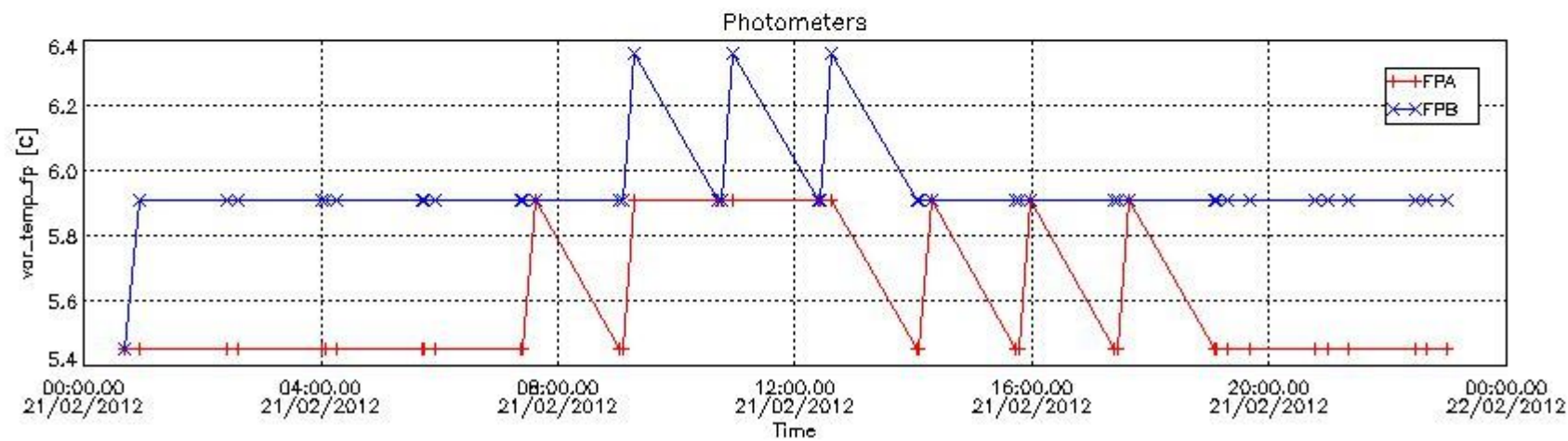
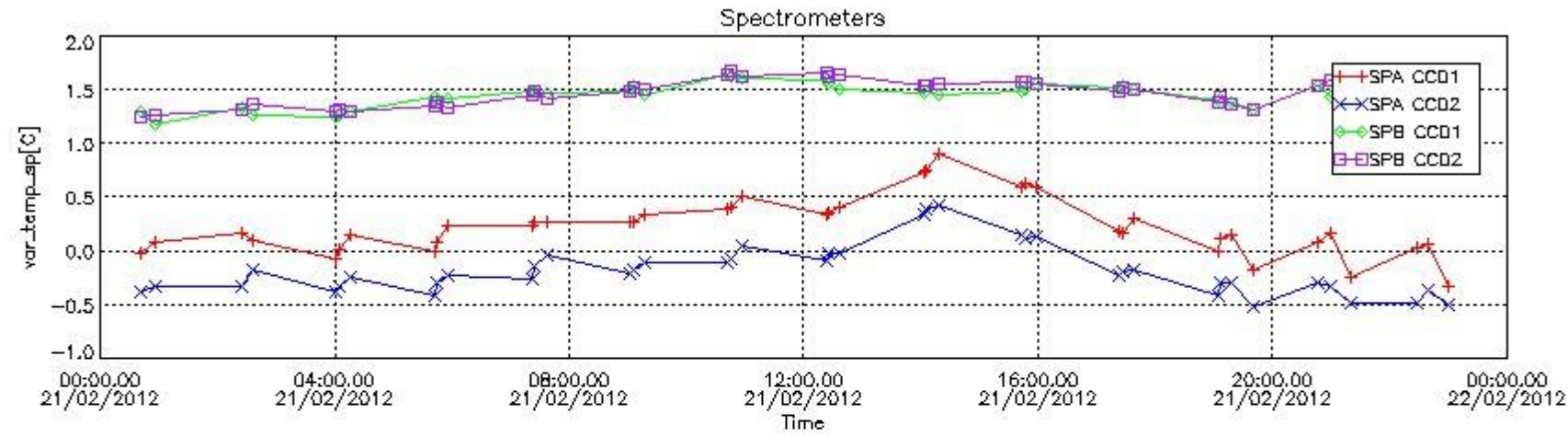
UTC start time	Star name	Star ID	Orbit
21-FEB-2012 00:43:53	KapSco	85	52199
21-FEB-2012 02:21:12	10Gam2Sgr	167	52200
21-FEB-2012 07:21:56	10Gam2Sgr	167	52203
21-FEB-2012 07:24:52	KapSco	85	52203
21-FEB-2012 07:36:39	BetCen	10	52203
21-FEB-2012 14:02:54	10Gam2Sgr	167	52207
21-FEB-2012 14:05:50	KapSco	85	52207
21-FEB-2012 14:17:38	BetCen	10	52207
21-FEB-2012 15:43:09	10Gam2Sgr	167	52208
21-FEB-2012 15:46:04	KapSco	85	52208
21-FEB-2012 15:57:52	BetCen	10	52208
21-FEB-2012 17:59:29	30AlpHya	48	52209

### 2.4 Summary of processed GOM\_TRA\_1P products

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20120221_004056_000000463112_00016_52185_0362.N1	21-FEB-2012 00:40:56	Dark	46.000	167	10Gam2Sgr	2.9840	4500.0	92	52185	No
2	GOM_TRA_1PNPDE20120221_005539_000000503112_00017_52186_0363.N1	21-FEB-2012 00:55:39	Dark	50.000	10	Bet Cen	0.61000	28000.	100	52186	No
3	GOM_TRA_1PNPDE20120221_022406_000000423112_00017_52186_0392.N1	21-FEB-2012 02:24:06	Dark	41.500	85	Kap Sco	2.4070	28000.	83	52186	No
4	GOM_TRA_1PNPDE20120221_023554_000000433112_00018_52187_0393.N1	21-FEB-2012 02:35:54	Dark	43.000	10	Bet Cen	0.61000	28000.	86	52187	No
5	GOM_TRA_1PNPDE20120221_040125_000000403112_00018_52187_0445.N1	21-FEB-2012 04:01:25	Dark	39.500	167	10Gam2Sgr	2.9840	4500.0	79	52187	No
6	GOM_TRA_1PNPDE20120221_040421_000000423112_00018_52187_0446.N1	21-FEB-2012 04:04:21	Dark	41.500	85	Kap Sco	2.4070	28000.	83	52187	No
7	GOM_TRA_1PNPDE20120221_041609_000000533112_00019_52188_0447.N1	21-FEB-2012 04:16:09	Dark	52.500	10	Bet Cen	0.61000	28000.	105	52188	No
8	GOM_TRA_1PNPDE20120221_054140_000000453112_00019_52188_0495.N1	21-FEB-2012 05:41:40	Dark	45.000	167	10Gam2Sgr	2.9840	4500.0	90	52188	No
9	GOM_TRA_1PNPDE20120221_054435_000000423112_00019_52188_0496.N1	21-FEB-2012 05:44:35	Dark	41.500	85	Kap Sco	2.4070	28000.	83	52188	No
10	GOM_TRA_1PNPDE20120221_055623_000000413112_00020_52189_0497.N1	21-FEB-2012 05:56:23	Dark	40.500	10	Bet Cen	0.61000	28000.	81	52189	No
11	GOM_TRA_1PNPDK20120221_072154_000000463112_00020_52189_4859.N1	21-FEB-2012 07:21:54	Dark	45.500	167	10Gam2Sgr	2.9840	4500.0	91	52189	No
12	GOM_TRA_1PNPDK20120221_072450_000000453112_00020_52189_4860.N1	21-FEB-2012 07:24:50	Dark	44.500	85	Kap Sco	2.4070	28000.	89	52189	No
13	GOM_TRA_1PNPDK20120221_073638_000000483112_00021_52190_4861.N1	21-FEB-2012 07:36:38	Dark	48.000	10	Bet Cen	0.61000	28000.	96	52190	No
14	GOM_TRA_1PNPDK20120221_090209_000000433112_00021_52190_4892.N1	21-FEB-2012 09:02:09	Dark	43.000	167	10Gam2Sgr	2.9840	4500.0	86	52190	No
15	GOM_TRA_1PNPDK20120221_090504_000000423112_00021_52190_4893.N1	21-FEB-2012 09:05:04	Dark	42.000	85	Kap Sco	2.4070	28000.	84	52190	No
16	GOM_TRA_1PNPDK20120221_091652_000000493112_00022_52191_4894.N1	21-FEB-2012 09:16:52	Dark	48.500	10	Bet Cen	0.61000	28000.	97	52191	No
17	GOM_TRA_1PNPDK20120221_104223_000000443112_00022_52191_4940.N1	21-FEB-2012 10:42:23	Dark	43.500	167	10Gam2Sgr	2.9840	4500.0	87	52191	No
18	GOM_TRA_1PNPDK20120221_104519_000000443112_00022_52191_4941.N1	21-FEB-2012 10:45:19	Dark	44.000	85	Kap Sco	2.4070	28000.	88	52191	No
19	GOM_TRA_1PNPDK20120221_105707_000000433112_00023_52192_4942.N1	21-FEB-2012 10:57:07	Dark	43.000	10	Bet Cen	0.61000	28000.	86	52192	No
20	GOM_TRA_1PNPDK20120221_122238_000000463112_00023_52192_4989.N1	21-FEB-2012 12:22:38	Dark	45.500	167	10Gam2Sgr	2.9840	4500.0	91	52192	No
21	GOM_TRA_1PNPDK20120221_122533_000000413112_00023_52192_4990.N1	21-FEB-2012 12:25:33	Dark	41.000	85	Kap Sco	2.4070	28000.	82	52192	No
22	GOM_TRA_1PNPDK20120221_123721_000000443112_00024_52193_4991.N1	21-FEB-2012 12:37:21	Dark	44.000	10	Bet Cen	0.61000	28000.	88	52193	No
23	GOM_TRA_1PNPDK20120221_140252_000000443112_00024_52193_5029.N1	21-FEB-2012 14:02:52	Dark	43.500	167	10Gam2Sgr	2.9840	4500.0	87	52193	No
24	GOM_TRA_1PNPDK20120221_140548_000000403112_00024_52193_5030.N1	21-FEB-2012 14:05:48	Dark	40.000	85	Kap Sco	2.4070	28000.	80	52193	No
25	GOM_TRA_1PNPDK20120221_141736_000000453112_00025_52194_5031.N1	21-FEB-2012 14:17:36	Dark	45.000	10	Bet Cen	0.61000	28000.	90	52194	No
26	GOM_TRA_1PNPDK20120221_154307_000000403112_00025_52194_5071.N1	21-FEB-2012 15:43:07	Dark	40.000	167	10Gam2Sgr	2.9840	4500.0	80	52194	No
27	GOM_TRA_1PNPDK20120221_154603_000000413112_00025_52194_5072.N1	21-FEB-2012 15:46:03	Dark	41.000	85	Kap Sco	2.4070	28000.	82	52194	No
28	GOM_TRA_1PNPDK20120221_155750_000000533112_00026_52195_5073.N1	21-FEB-2012 15:57:50	Dark	53.000	10	Bet Cen	0.61000	28000.	106	52195	No
29	GOM_TRA_1PNPDK20120221_172321_000000343112_00026_52195_5095.N1	21-FEB-2012 17:23:21	Dark	34.000	167	10Gam2Sgr	2.9840	4500.0	68	52195	No
30	GOM_TRA_1PNPDK20120221_172617_000000403112_00026_52195_5096.N1	21-FEB-2012 17:26:17	Dark	40.000	85	Kap Sco	2.4070	28000.	80	52195	No
31	GOM_TRA_1PNPDK20120221_173805_000000433112_00027_52196_5097.N1	21-FEB-2012 17:38:05	Dark	42.500	10	Bet Cen	0.61000	28000.	85	52196	No
32	GOM_TRA_1PNPDK20120221_190336_000000293112_00027_52196_5135.N1	21-FEB-2012 19:03:36	Dark	29.000	167	10Gam2Sgr	2.9840	4500.0	58	52196	No
33	GOM_TRA_1PNPDK20120221_190632_000000353112_00027_52196_5136.N1	21-FEB-2012 19:06:32	Dark	35.000	85	Kap Sco	2.4070	28000.	70	52196	No
34	GOM_TRA_1PNPDK20120221_191819_000000413112_00028_52197_5137.N1	21-FEB-2012 19:18:19	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52197	No
35	GOM_TRA_1PNPDK20120221_193941_000000313112_00028_52197_5160.N1	21-FEB-2012 19:39:41	Twilight	31.000	48	30Alp Hya	1.9770	4100.0	62	52197	No
36	GOM_TRA_1PNPDK20120221_204646_000000313112_00028_52197_5161.N1	21-FEB-2012 20:46:46	Dark	31.000	85	Kap Sco	2.4070	28000.	62	52197	No
37	GOM_TRA_1PNPDK20120221_205834_000000433112_00029_52198_5162.N1	21-FEB-2012 20:58:34	Dark	43.000	10	Bet Cen	0.61000	28000.	86	52198	No
38	GOM_TRA_1PNPDE20120221_211955_000000363112_00029_52198_0701.N1	21-FEB-2012 21:19:55	Twilight	35.500	48	30Alp Hya	1.9770	4100.0	71	52198	No
39	GOM_TRA_1PNPDE20120221_222701_000000263112_00029_52198_0732.N1	21-FEB-2012 22:27:01	Dark	26.000	85	Kap Sco	2.4070	28000.	52	52198	No
40	GOM_TRA_1PNPDE20120221_223848_000000453112_00030_52199_0733.N1	21-FEB-2012 22:38:48	Dark	44.500	10	Bet Cen	0.61000	28000.	89	52199	No
41	GOM_TRA_1PNPDE20120221_230009_000000423112_00030_52199_0734.N1	21-FEB-2012 23:00:09	Twilight	41.500	48	30Alp Hya	1.9770	4100.0	83	52199	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.

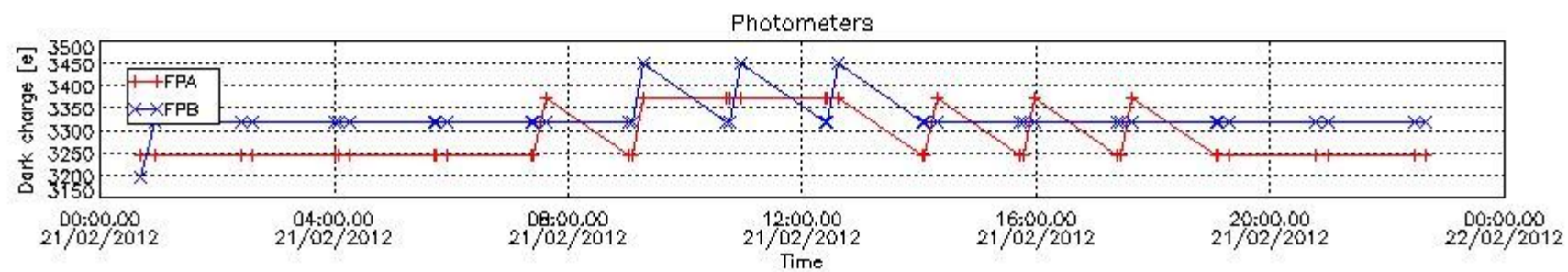
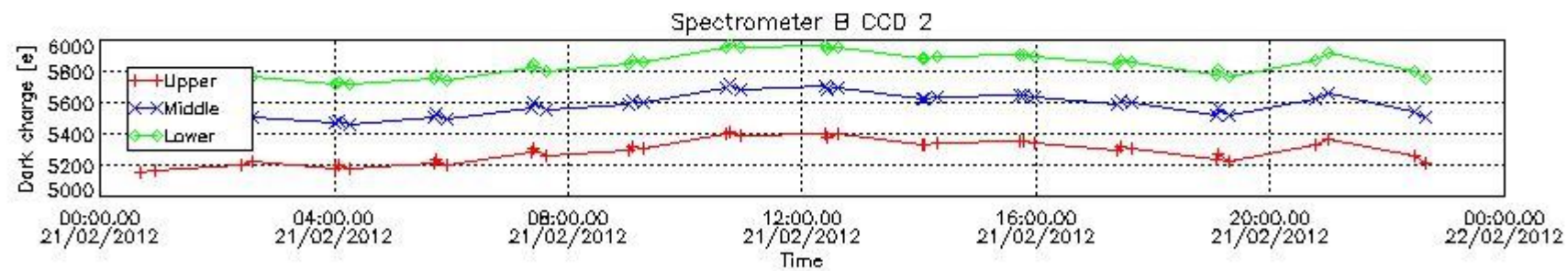
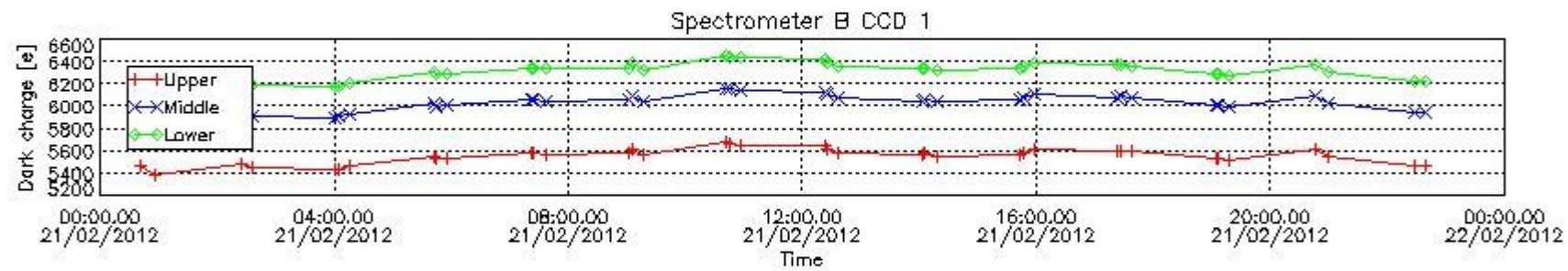
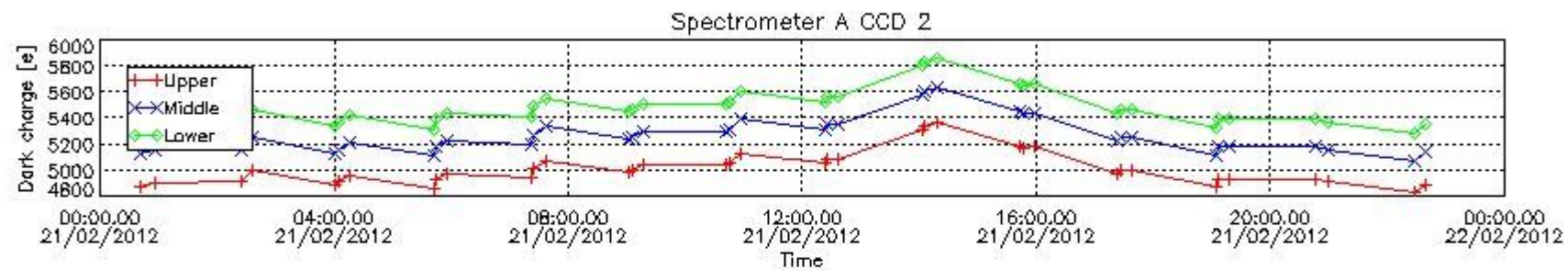
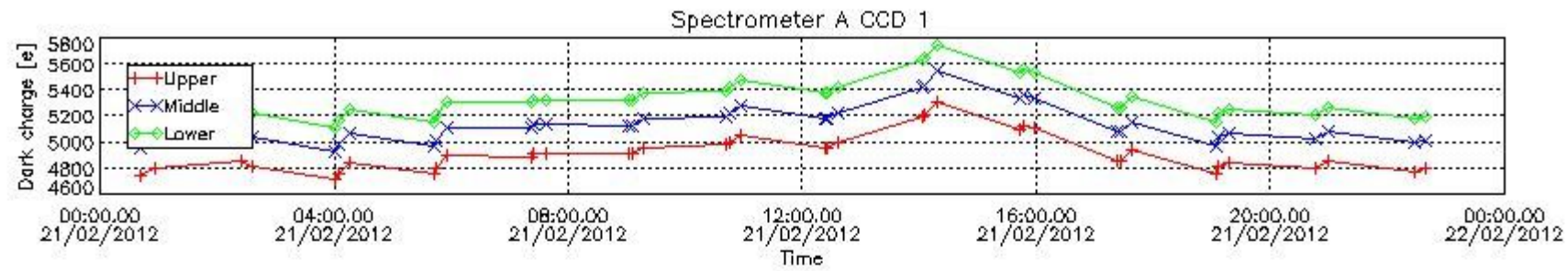
##### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20120221_004056_000000463112_00016_52185_0362.N1	DC map used
GOM_TRA_1PNPDE20120221_005539_000000503112_00017_52186_0363.N1	DC map used
GOM_TRA_1PNPDE20120221_022406_000000423112_00017_52186_0392.N1	DC map used
GOM_TRA_1PNPDE20120221_023554_000000433112_00018_52187_0393.N1	DC map used
GOM_TRA_1PNPDE20120221_040125_000000403112_00018_52187_0445.N1	DC map used
GOM_TRA_1PNPDE20120221_040421_000000423112_00018_52187_0446.N1	DC map used
GOM_TRA_1PNPDE20120221_041609_000000533112_00019_52188_0447.N1	DC map used
GOM_TRA_1PNPDE20120221_054140_000000453112_00019_52188_0495.N1	DC map used
GOM_TRA_1PNPDE20120221_054435_000000423112_00019_52188_0496.N1	DC map used
GOM_TRA_1PNPDE20120221_055623_000000413112_00020_52189_0497.N1	DC map used
GOM_TRA_1PNPDK20120221_072154_000000463112_00020_52189_4859.N1	DC map used
GOM_TRA_1PNPDK20120221_072450_000000453112_00020_52189_4860.N1	DC map used
GOM_TRA_1PNPDK20120221_073638_000000483112_00021_52190_4861.N1	DC map used
GOM_TRA_1PNPDK20120221_090209_000000433112_00021_52190_4892.N1	DC map used

GOM_TRA_1PNPDK20120221_090504_000000423112_00021_52190_4893.N1	DC map used
GOM_TRA_1PNPDK20120221_091652_000000493112_00022_52191_4894.N1	DC map used
GOM_TRA_1PNPDK20120221_104223_000000443112_00022_52191_4940.N1	DC map used
GOM_TRA_1PNPDK20120221_104519_000000443112_00022_52191_4941.N1	DC map used
GOM_TRA_1PNPDK20120221_105707_000000433112_00023_52192_4942.N1	DC map used
GOM_TRA_1PNPDK20120221_122238_000000463112_00023_52192_4989.N1	DC map used
GOM_TRA_1PNPDK20120221_122533_000000413112_00023_52192_4990.N1	DC map used
GOM_TRA_1PNPDK20120221_123721_000000443112_00024_52193_4991.N1	DC map used
GOM_TRA_1PNPDK20120221_140252_000000443112_00024_52193_5029.N1	DC map used
GOM_TRA_1PNPDK20120221_140548_000000403112_00024_52193_5030.N1	DC map used
GOM_TRA_1PNPDK20120221_141736_000000453112_00025_52194_5031.N1	DC map used
GOM_TRA_1PNPDK20120221_154307_000000403112_00025_52194_5071.N1	DC map used
GOM_TRA_1PNPDK20120221_154603_000000413112_00025_52194_5072.N1	DC map used
GOM_TRA_1PNPDK20120221_155750_000000533112_00026_52195_5073.N1	DC map used
GOM_TRA_1PNPDK20120221_172321_000000343112_00026_52195_5095.N1	DC map used
GOM_TRA_1PNPDK20120221_172617_000000403112_00026_52195_5096.N1	DC map used
GOM_TRA_1PNPDK20120221_173805_000000433112_00027_52196_5097.N1	DC map used
GOM_TRA_1PNPDK20120221_190336_000000293112_00027_52196_5135.N1	DC map used
GOM_TRA_1PNPDK20120221_190632_000000353112_00027_52196_5136.N1	DC map used
GOM_TRA_1PNPDK20120221_191819_000000413112_00028_52197_5137.N1	DC map used
GOM_TRA_1PNPDK20120221_193941_000000313112_00028_52197_5160.N1	DC map used
GOM_TRA_1PNPDK20120221_204646_000000313112_00028_52197_5161.N1	DC map used
GOM_TRA_1PNPDK20120221_205834_000000433112_00029_52198_5162.N1	DC map used
GOM_TRA_1PNPDE20120221_211955_000000363112_00029_52198_0701.N1	DC map used
GOM_TRA_1PNPDE20120221_222701_000000263112_00029_52198_0732.N1	DC map used
GOM_TRA_1PNPDE20120221_223848_000000453112_00030_52199_0733.N1	DC map used
GOM_TRA_1PNPDE20120221_230009_000000423112_00030_52199_0734.N1	DC map used

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





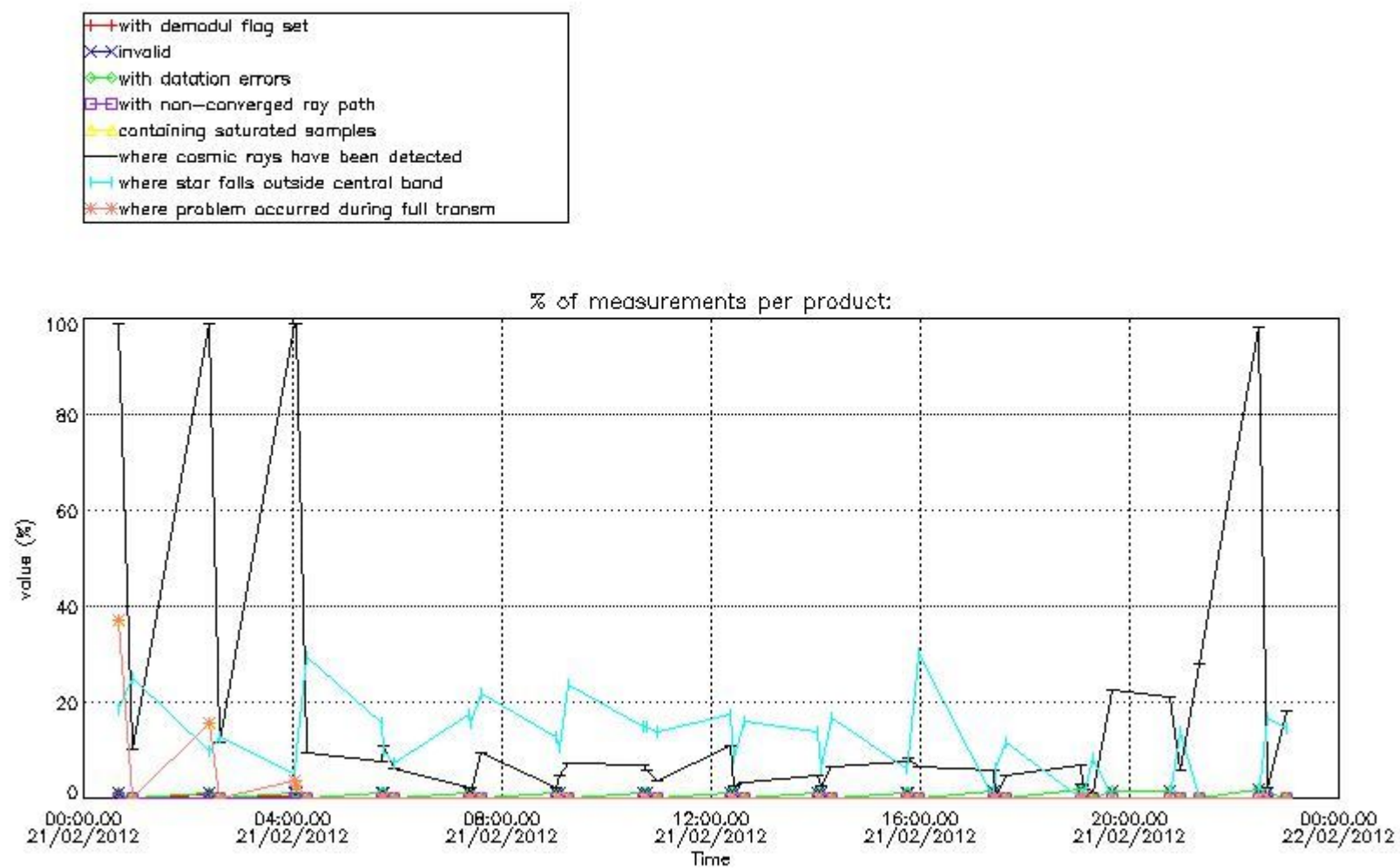
## 5. Demodulation flag and quality information monitoring

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:

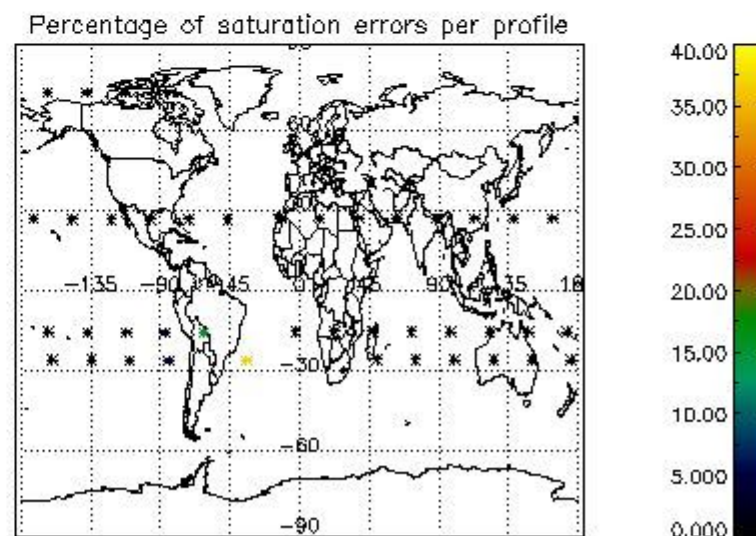
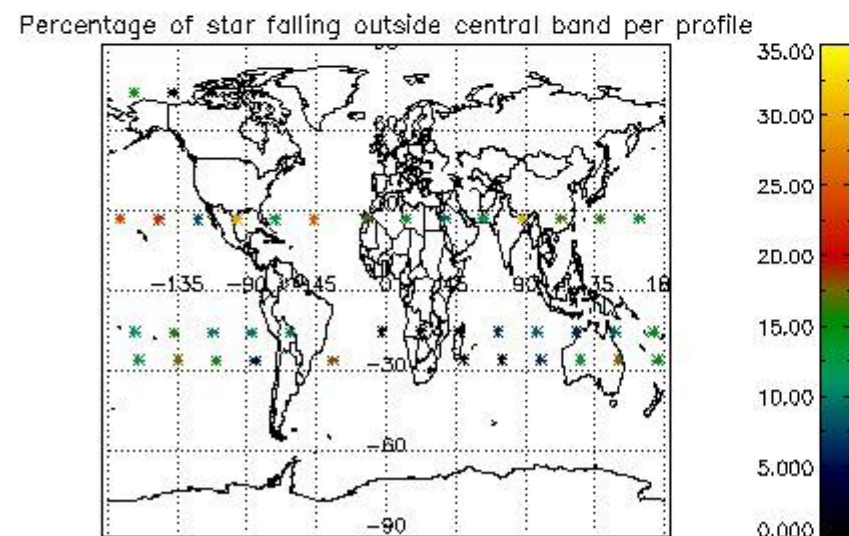
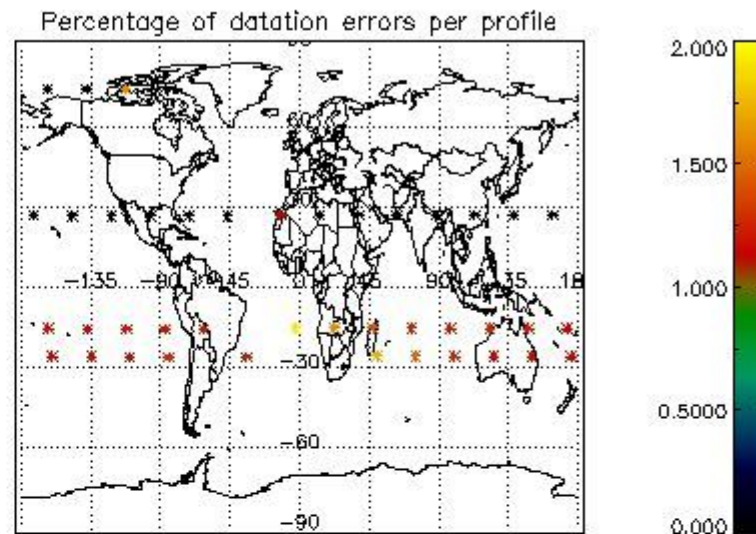
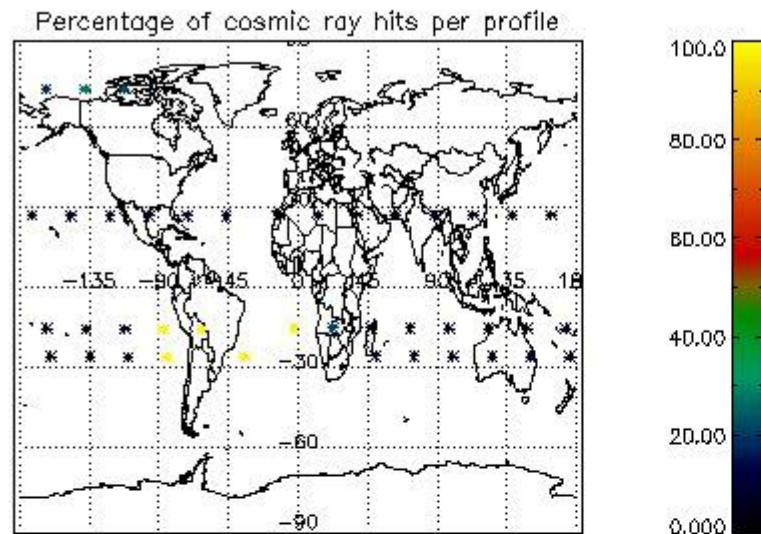
At least one measurement with demodulation flag set:	78.0488 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 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)

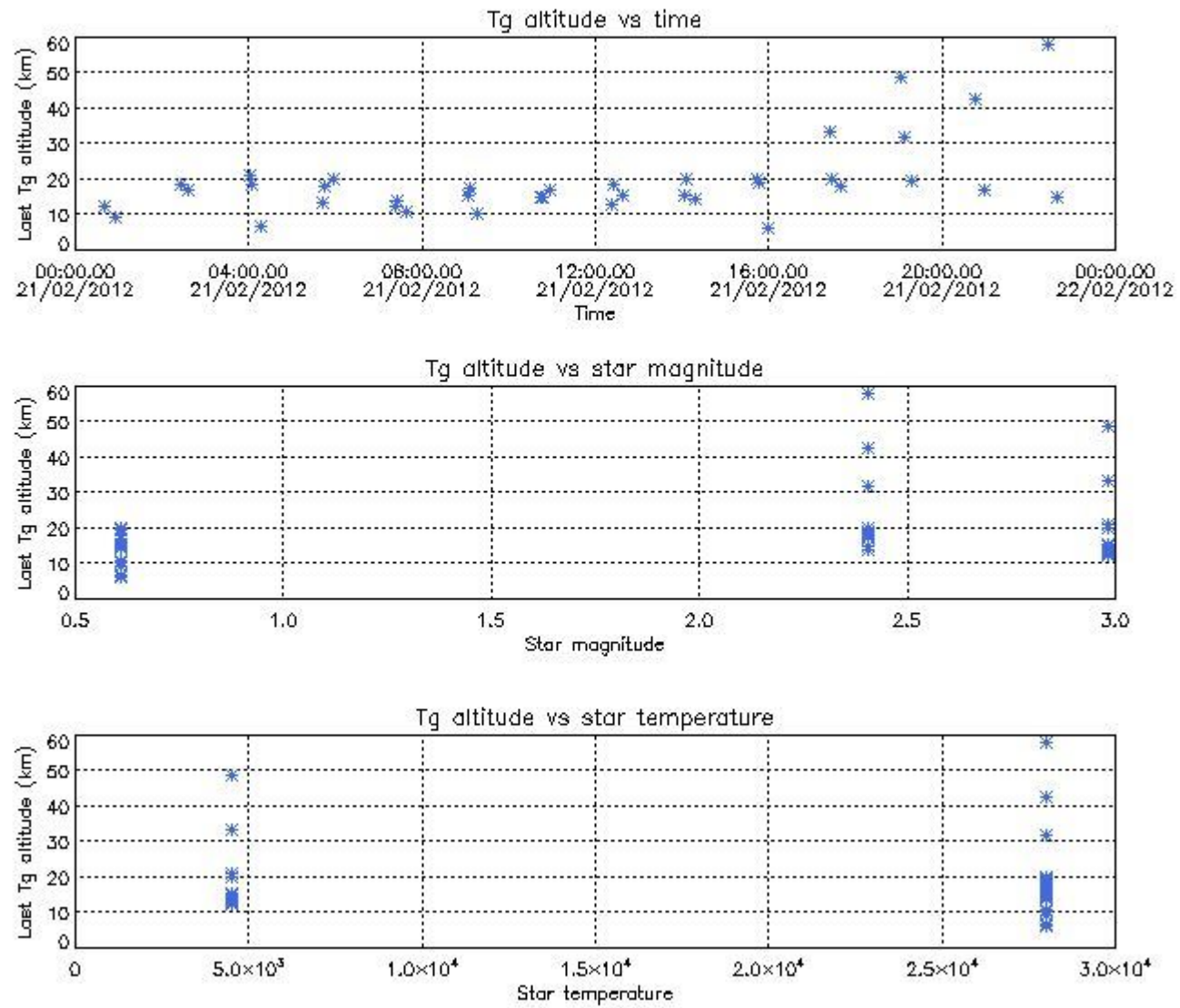
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	19.108	NaN	NaN
St. deviation:	10.660	NaN	NaN
Maximum:	57.882	NaN	NaN
Minimum:	6.2668	NaN	NaN
Number of data:	38.000	NaN	NaN

### 6.2 Plot for DARK limb products



## Tangent altitude at which the star is lost

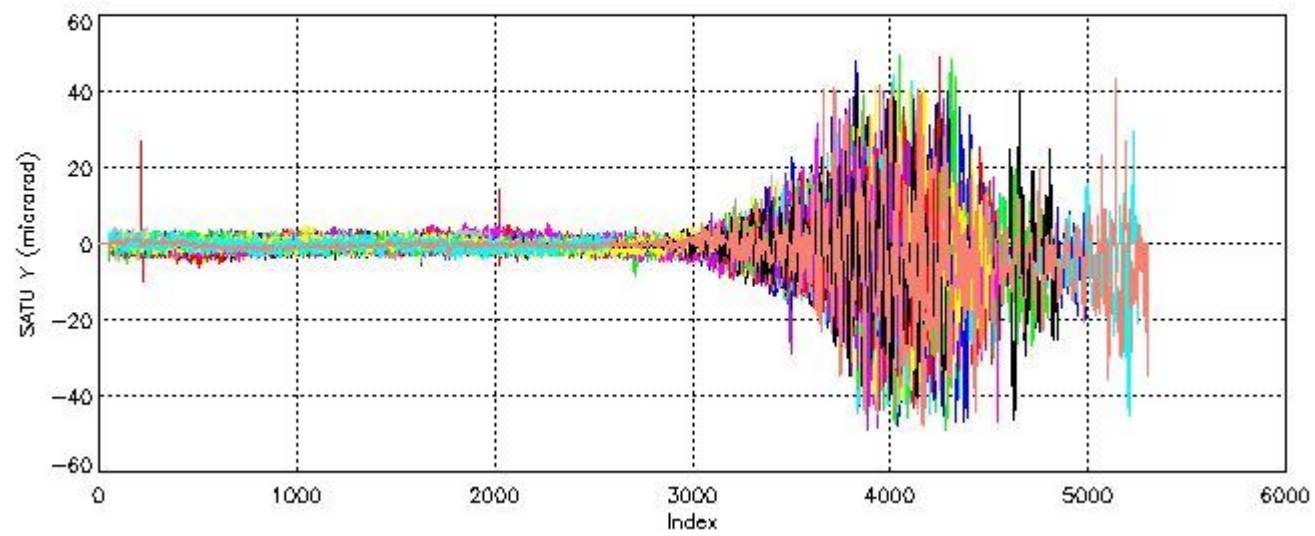
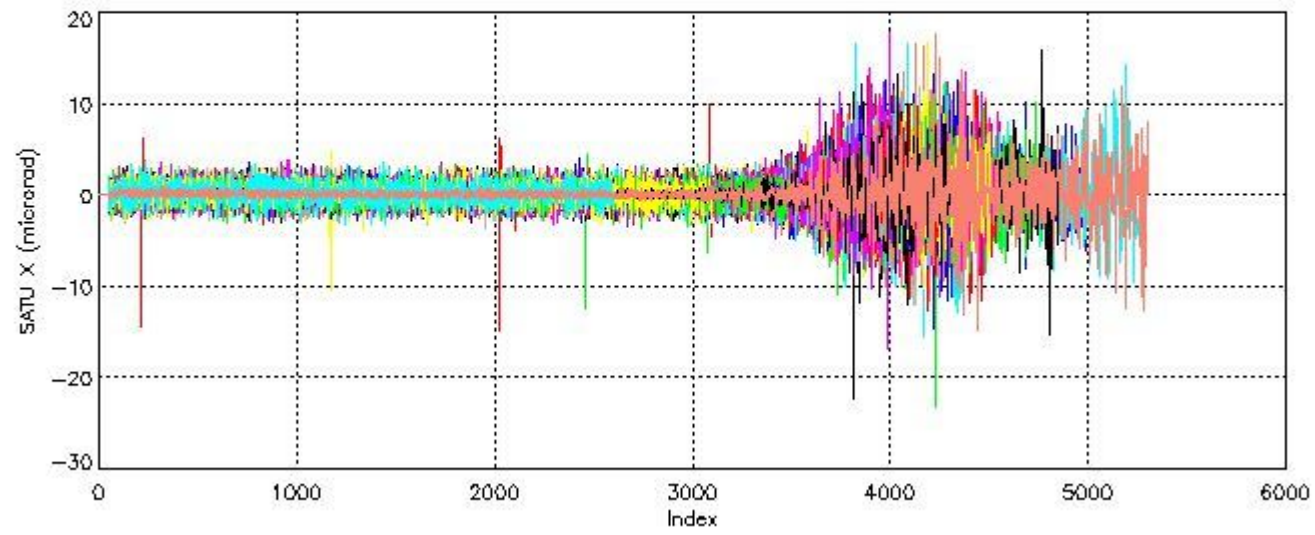


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.16254	-0.30472	NaN	NaN
St. deviation:	0.61316	0.88342	NaN	NaN
Maximum:	6.1000	26.700	NaN	NaN
Minimum:	-14.500	-10.000	NaN	NaN

Number of data:	36550.	36550.	NaN	NaN
90Percentile:	1.0000	0.90000	NaN	NaN

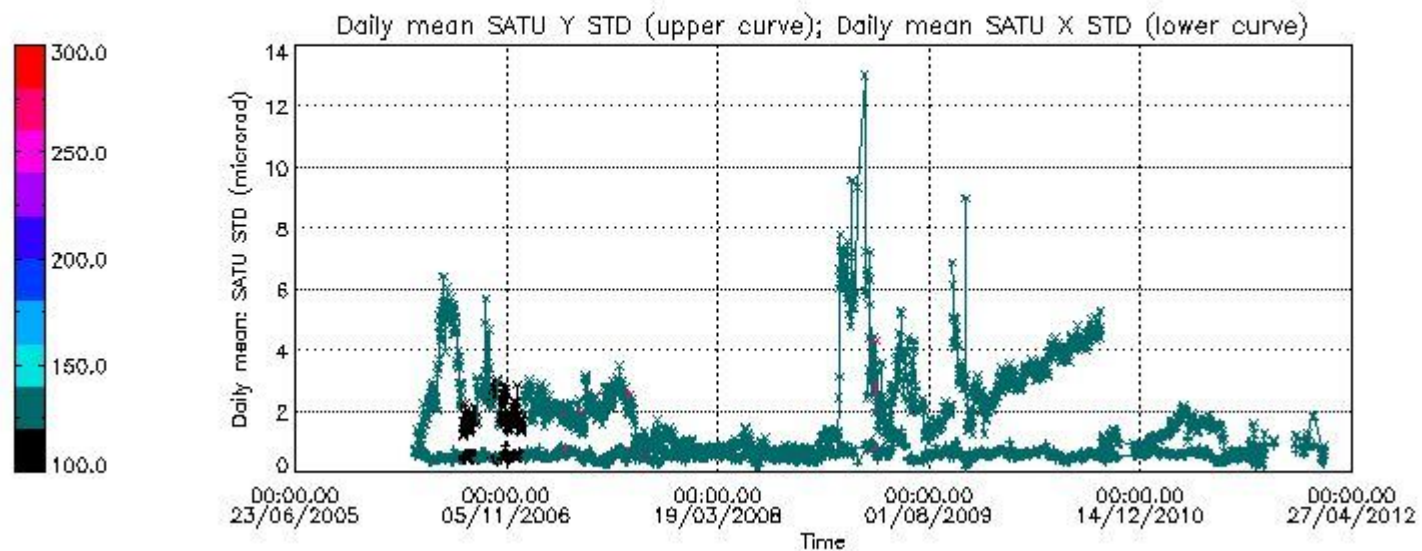
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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.

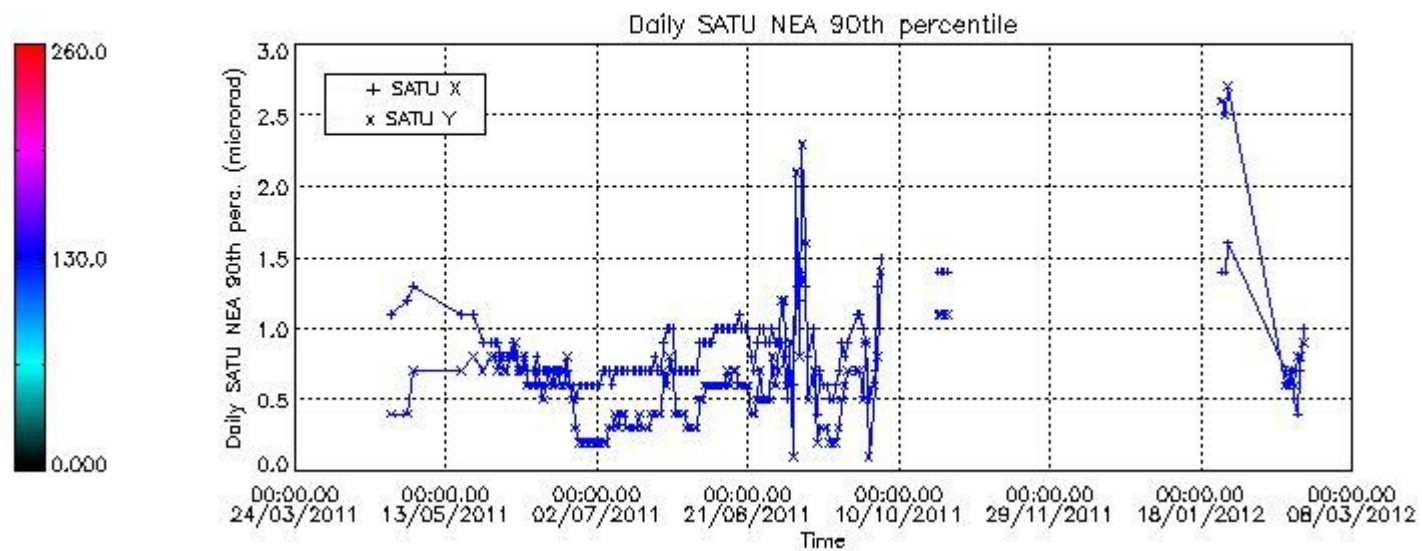
Upper curve: STD of SATU Y axis

Lower curve: STD of SATU X axis



Lower curve: 90th percentile of SATU Y axis

Upper curve: 90th percentile of SATU X axis

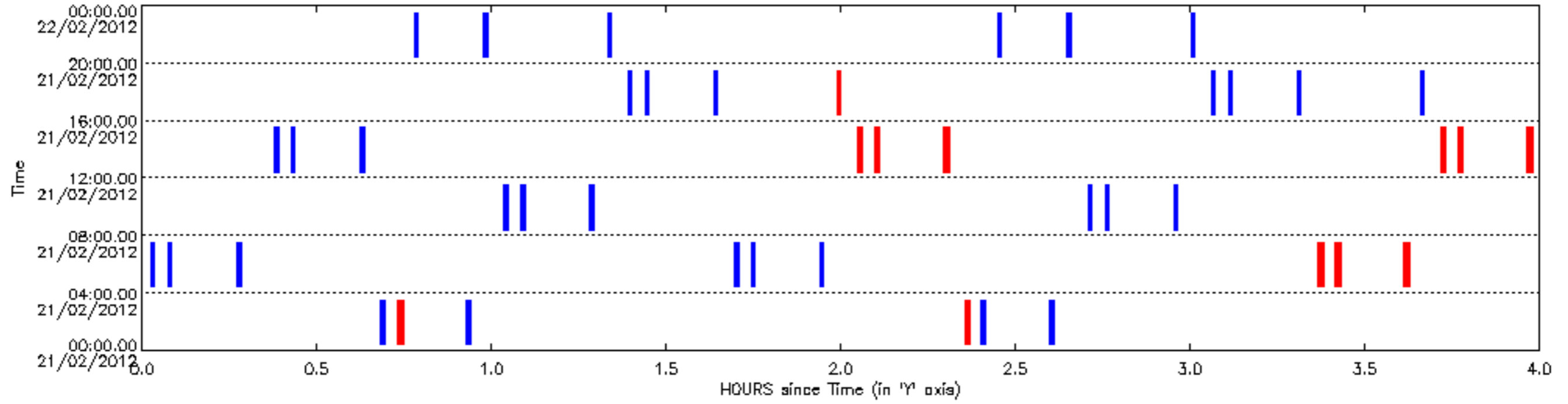


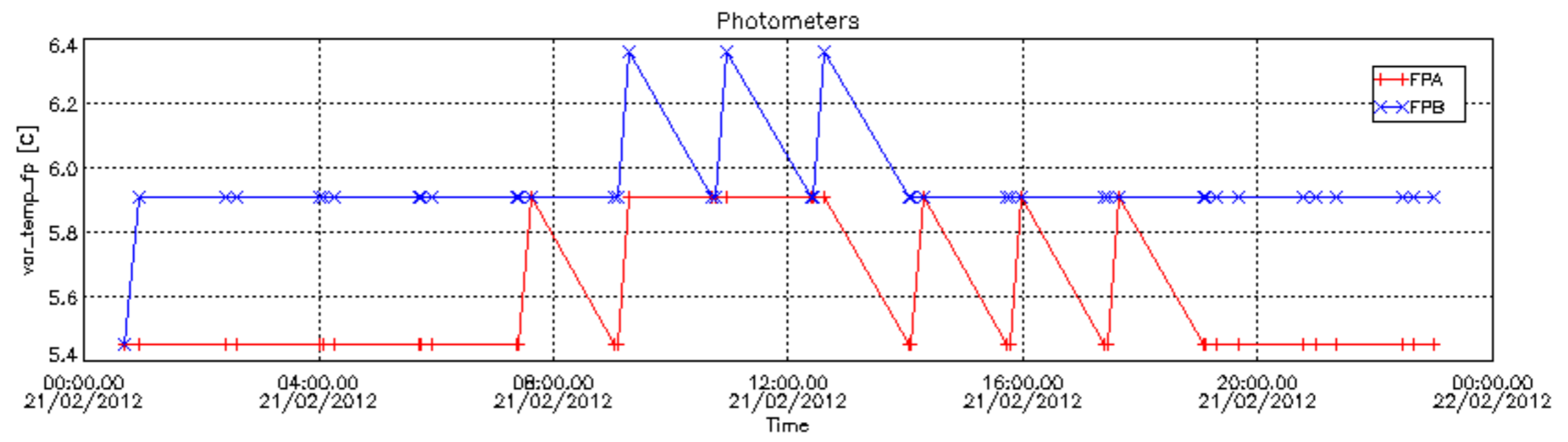
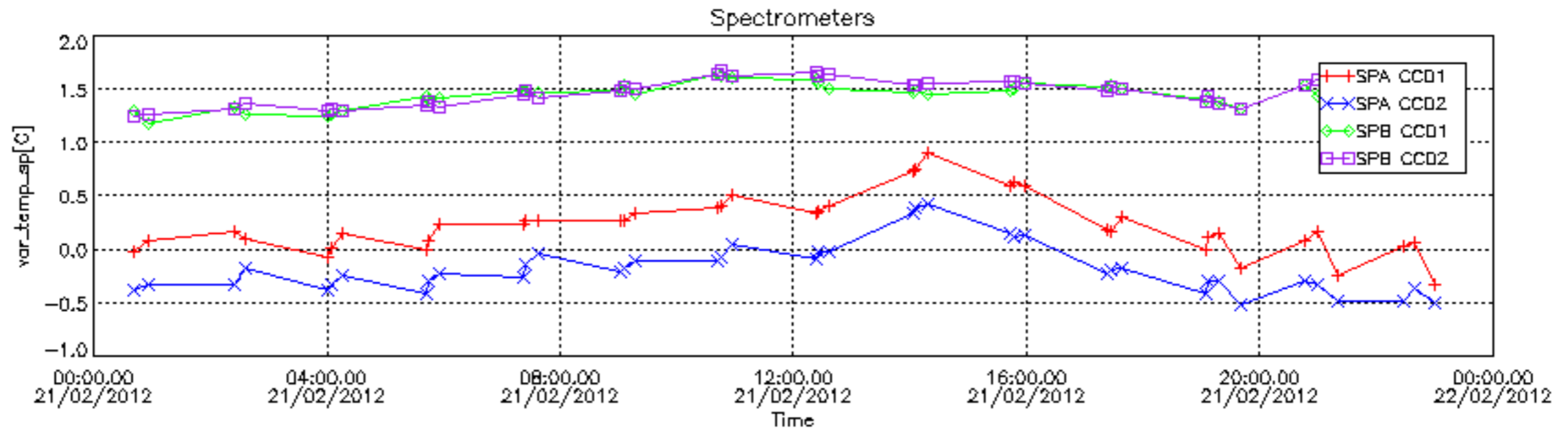
### 8. Auxiliary Data Files used for the production reported in section 2.4



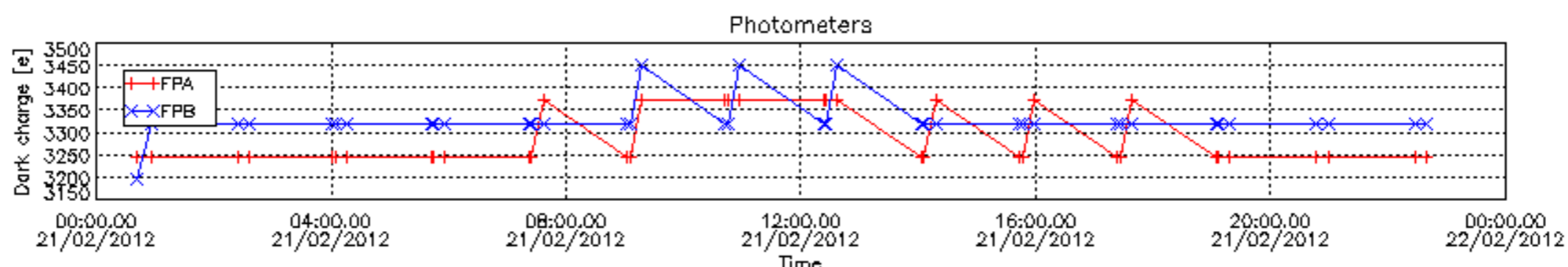
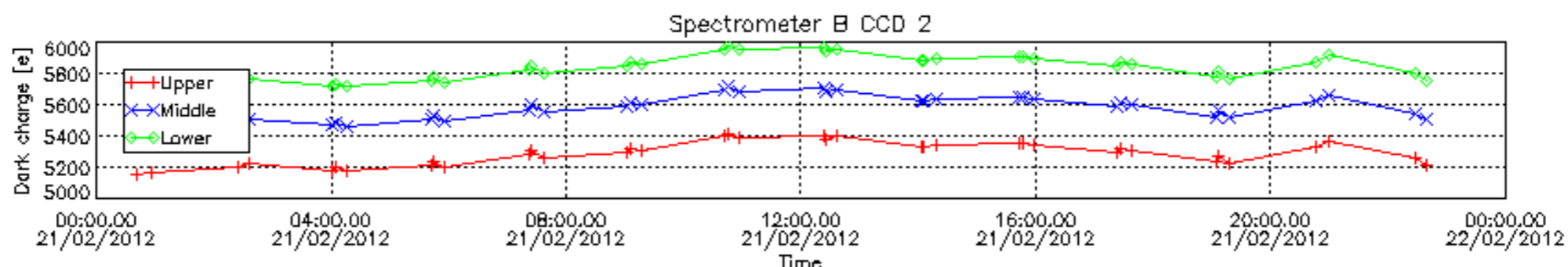
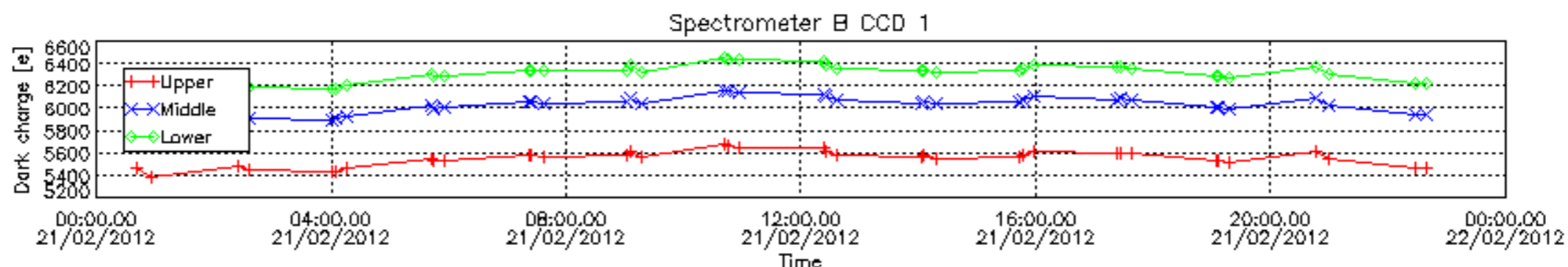
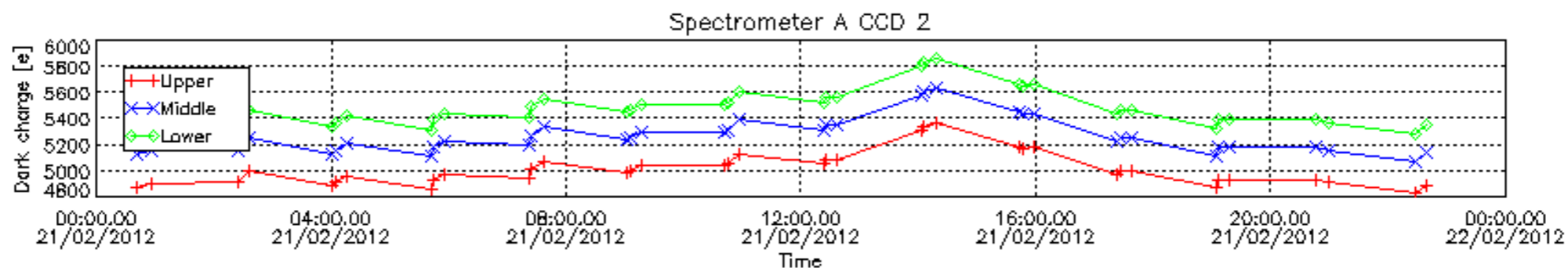
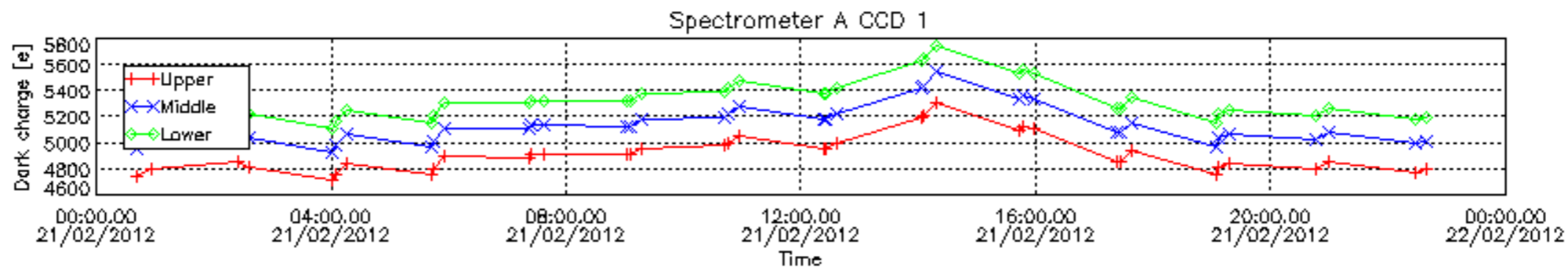
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

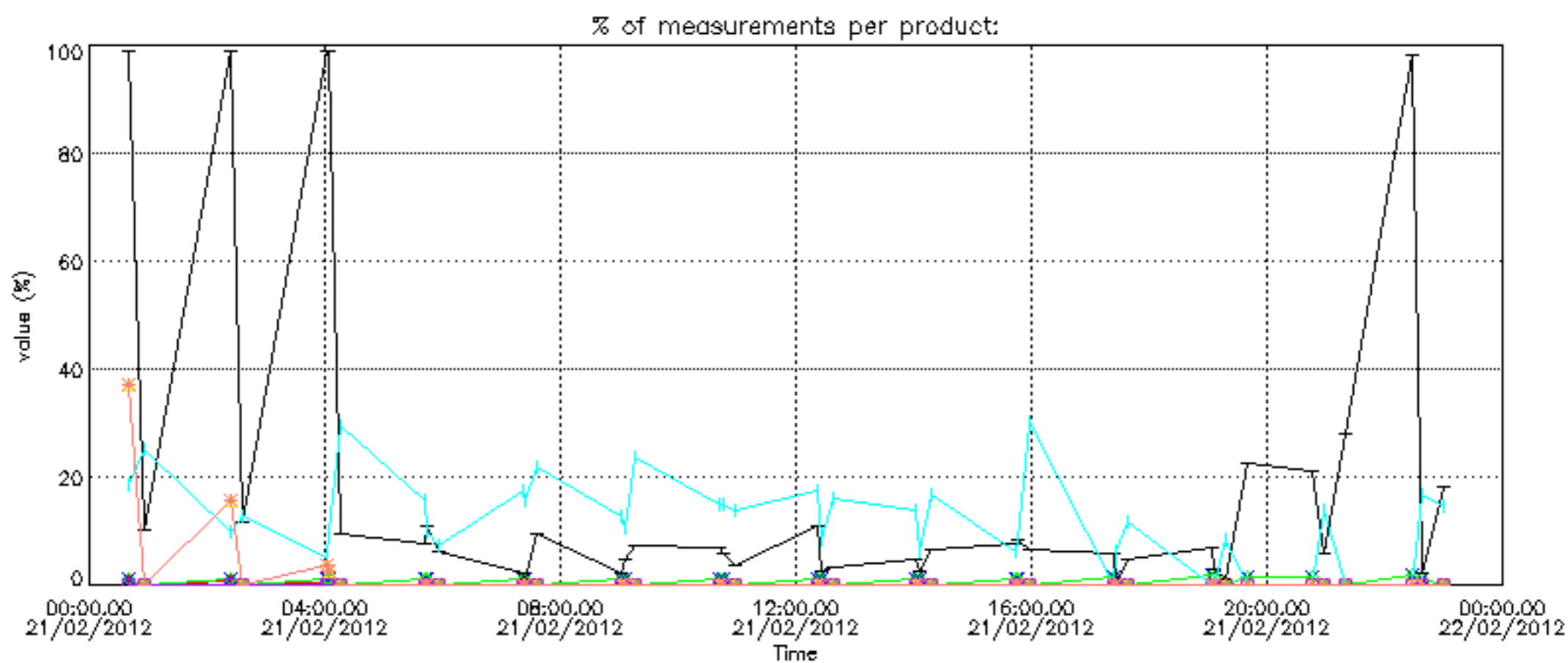
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	21-FEB-2012 00:40:56
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20120130_103112_20120125_000000_20500101_000000	1	21-FEB-2012 00:40:56
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	21-FEB-2012 00:40:56
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	21-FEB-2012 00:40:56
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	21-FEB-2012 00:40:56
ECMWF_FILE	AUX_ECF_AXNECM20120220_062116_20120220_210000_20120221_090000	1	21-FEB-2012 00:40:56
ECMWF_FILE	AUX_ECF_AXNECM20120220_192940_20120221_030000_20120221_150000	5	21-FEB-2012 04:01:25
ECMWF_FILE	AUX_ECA_AXNECM20120221_062112_20120220_210000_20120221_090000	8	21-FEB-2012 05:41:40
ECMWF_FILE	AUX_ECF_AXNECM20120221_062113_20120221_090000_20120221_210000	14	21-FEB-2012 09:02:09
ECMWF_FILE	AUX_ECF_AXNECM20120221_062113_20120221_150000_20120222_030000	26	21-FEB-2012 15:43:07
ECMWF_FILE	AUX_ECA_AXNECM20120221_182114_20120221_090000_20120221_210000	32	21-FEB-2012 19:03:36
ECMWF_FILE	AUX_ECF_AXNECM20120221_062114_20120221_210000_20120222_090000	38	21-FEB-2012 21:19:55
OPTIONAL_ECMWF_FILE	MISSING	1	21-FEB-2012 00:40:56
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120220_232939_20120220_194732_20120301_202055	1	21-FEB-2012 00:40:56



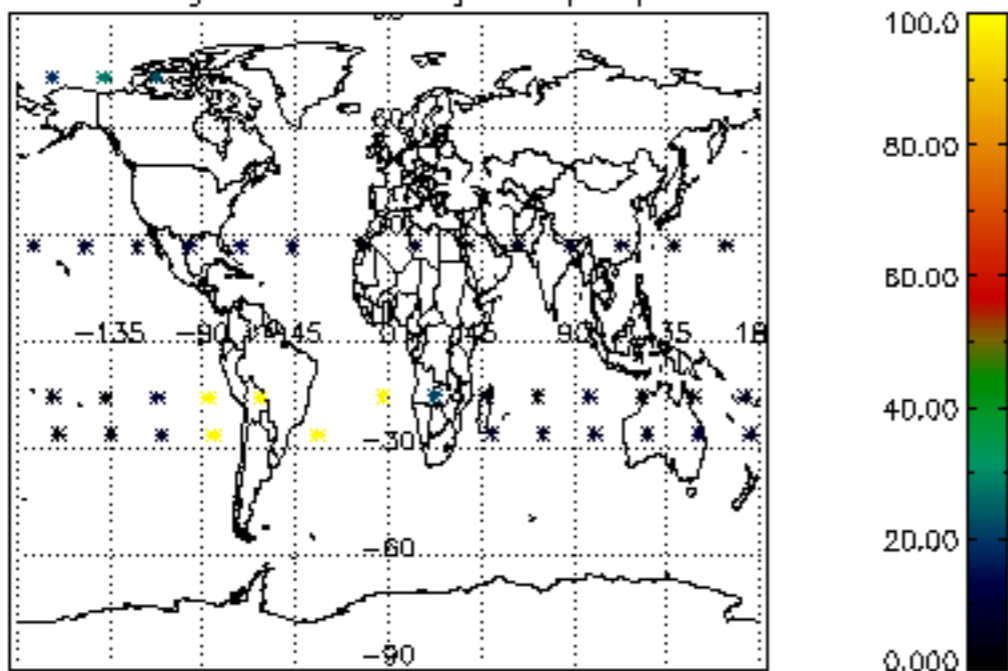




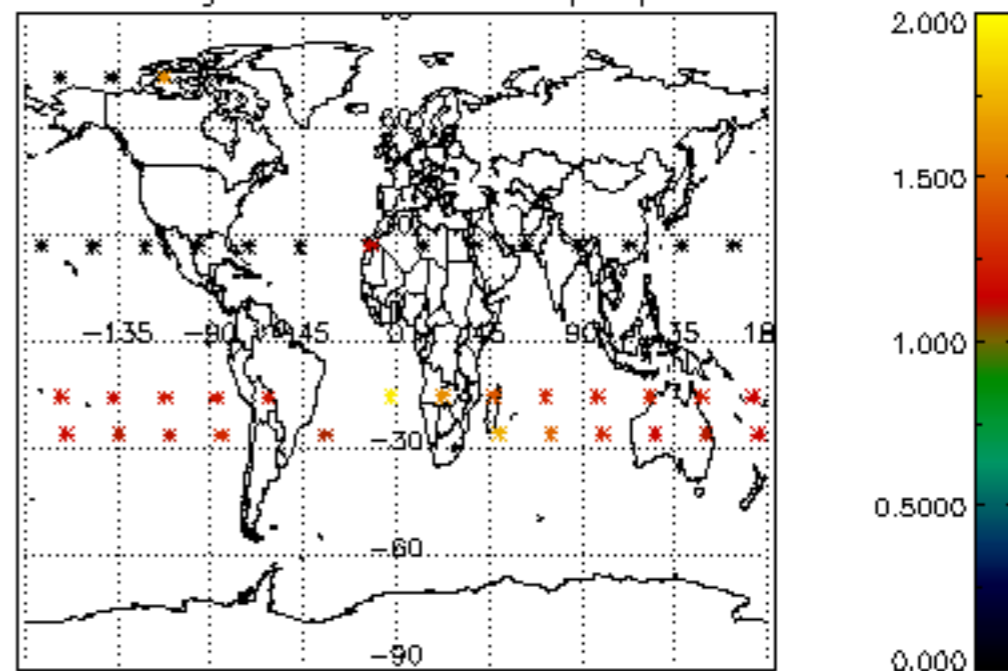




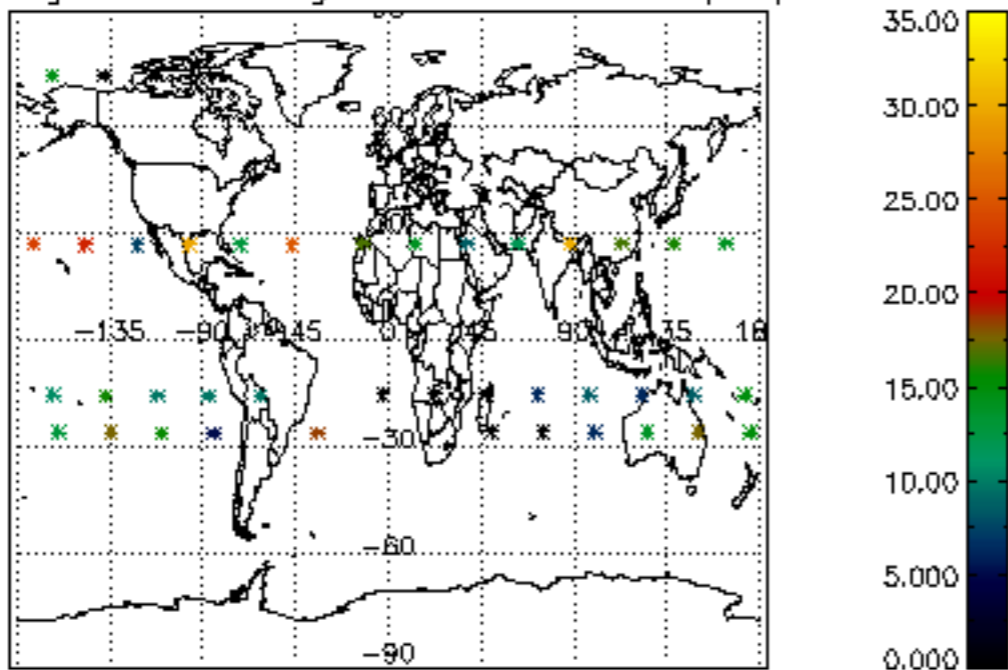
Percentage of cosmic ray hits per profile



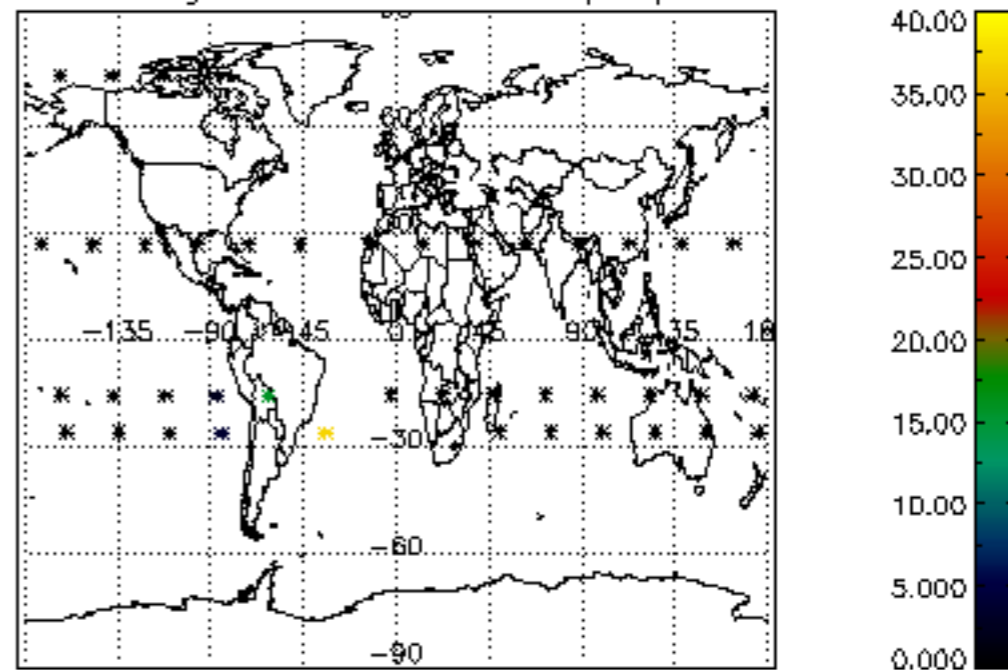
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

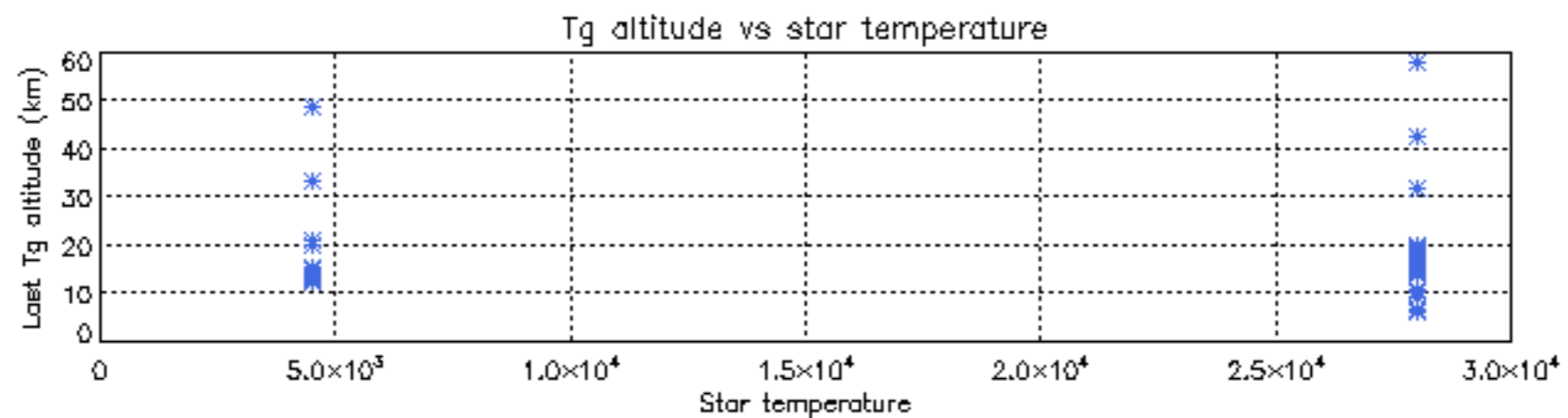
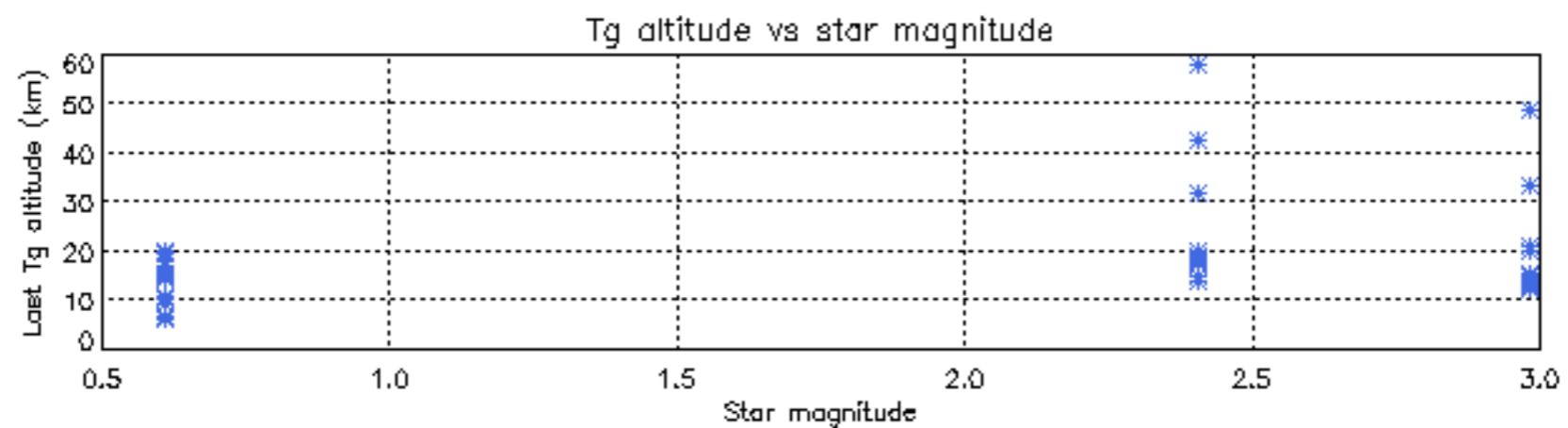
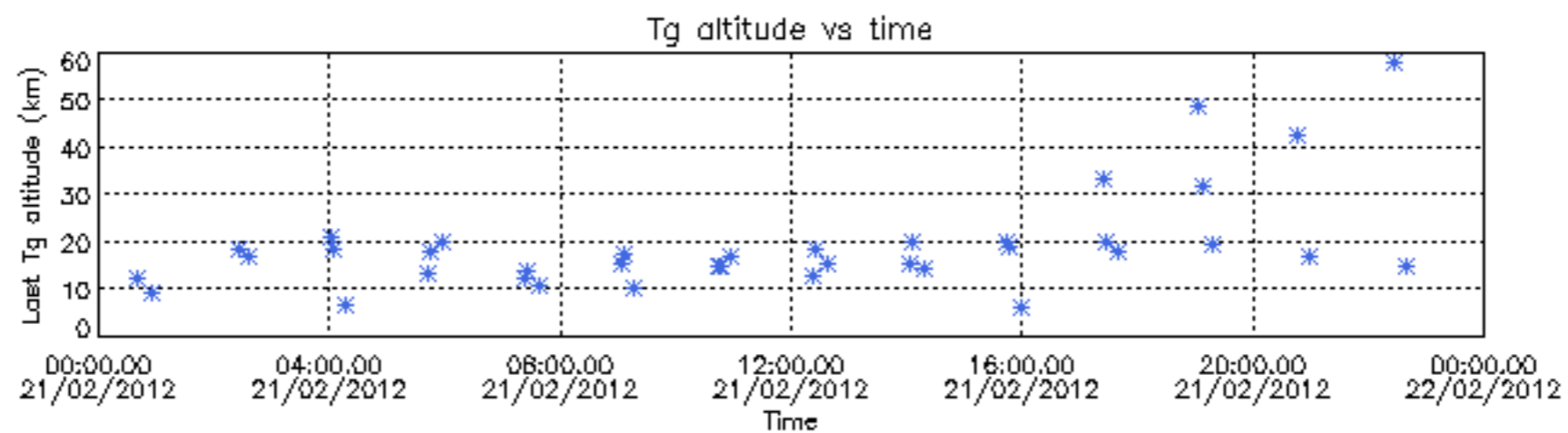


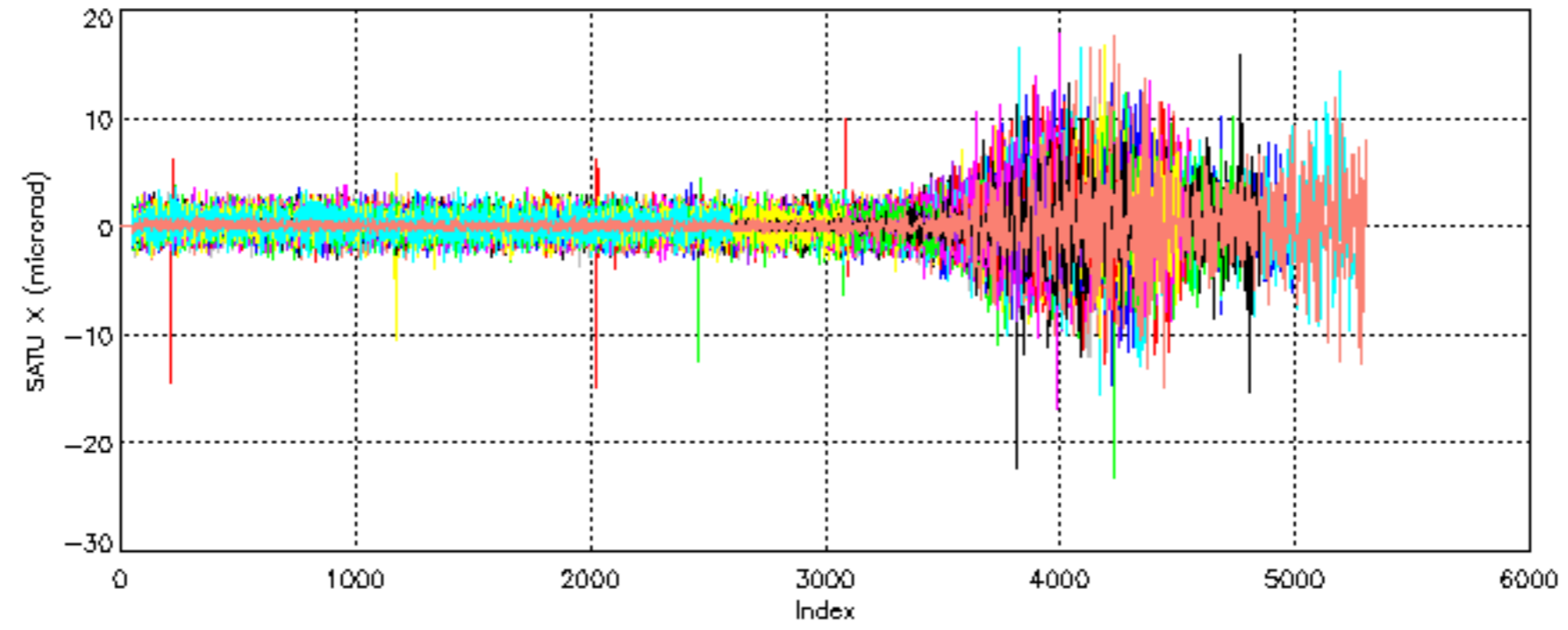
Percentage of saturation errors per profile

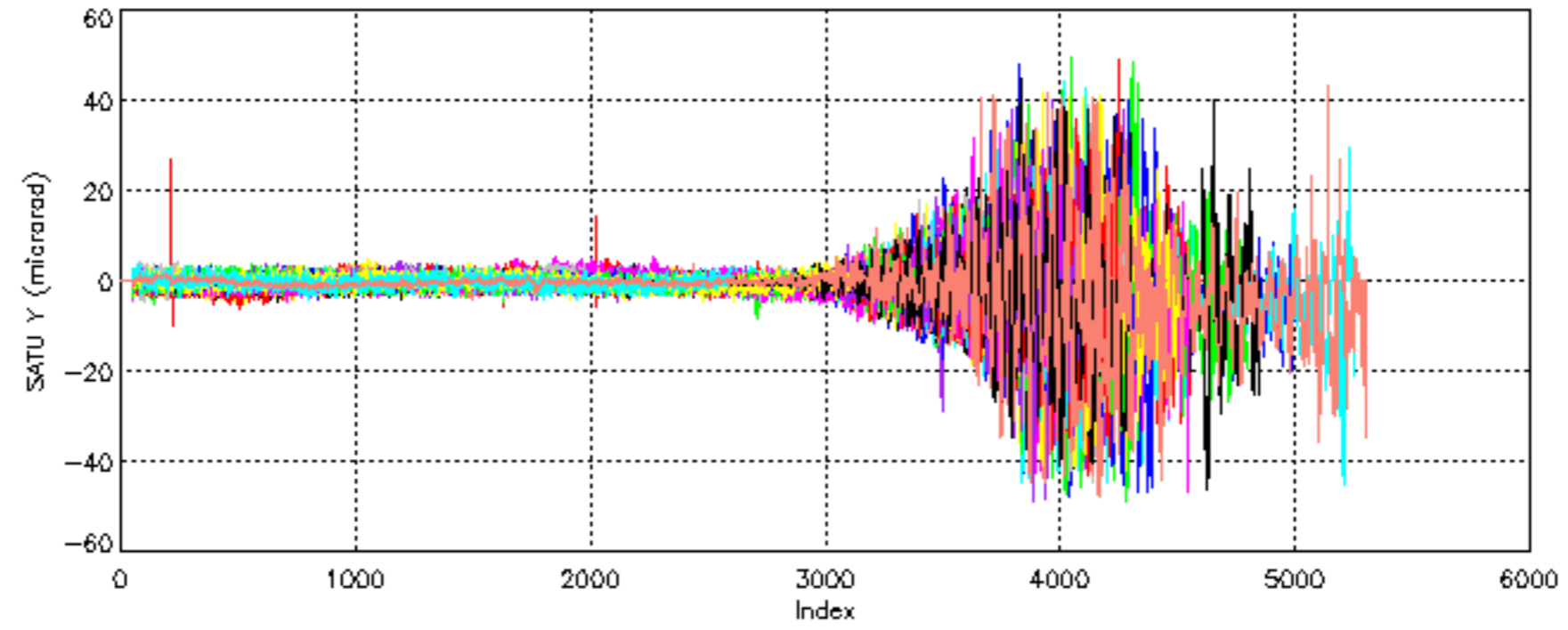


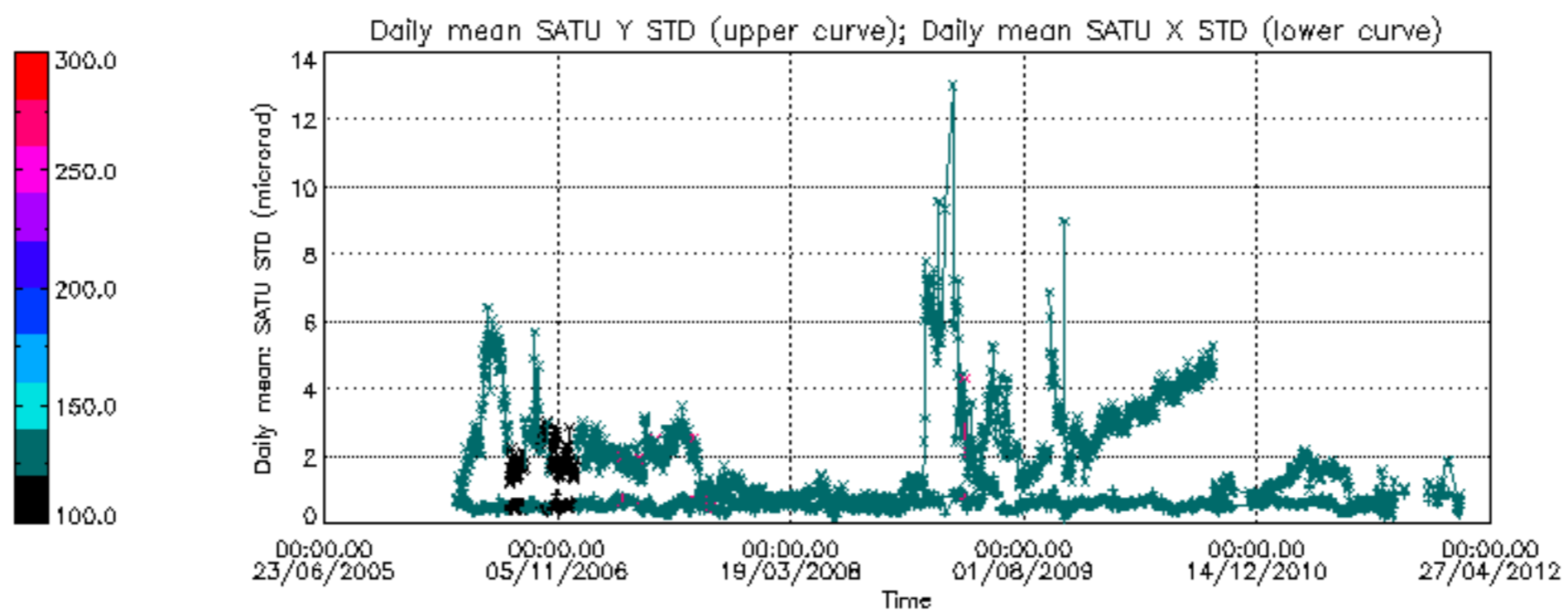


Tangent altitude at which the star is lost

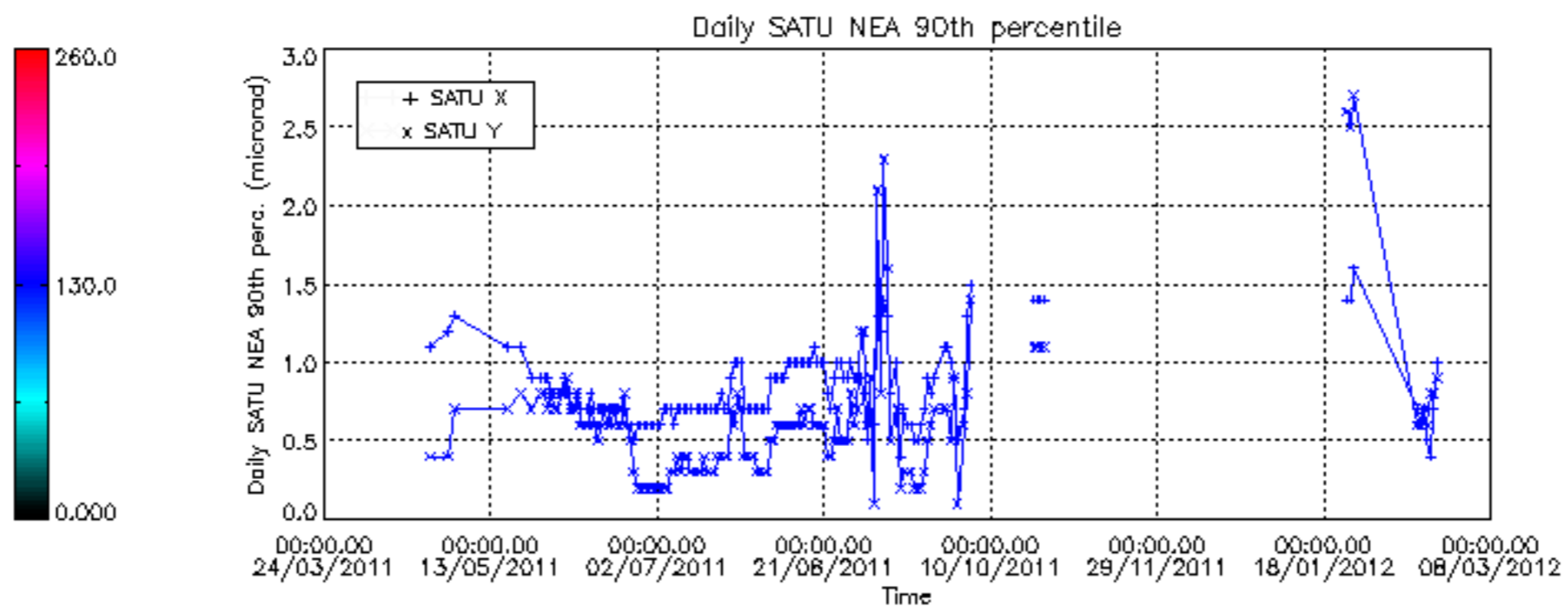












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3; 921.0; 15-FEB-2012 06:24:20; Dark ; 33.5; 113; Mu Vel ; 2.69; 5000;occ; 67; 0;52103  
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4; 6425.8; 17-FEB-2012 03:22:06; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52130
5; 6593.5; 17-FEB-2012 03:24:54; Dark ; 41.0; 20; Bet Cru ; 1.25; 30000;occ; 82; 0;52130
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20120217_045025_000009233111_00392_52130_6620.N1
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
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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
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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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120217_145153_000009243111_00398_52136_5614.N1
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  
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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  
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1; 420.9; 18-FEB-2012 04:25:44; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;52145  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120218\_060559\_00000453111\_00408\_52146\_6627.N1  
1; 421.5; 18-FEB-2012 06:05:59; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;52146  
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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\_00000493111\_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\_00000533111\_00410\_52148\_5619.N1  
1; 422.8; 18-FEB-2012 09:26:28; Dark ; 53.5; 10; Bet Cen ; 0.61; 28000;occ; 107; 0;52148  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120218\_110642\_00000503111\_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\_00000393111\_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\_00000433111\_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\_00000433111\_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\_00000453111\_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\_00000473111\_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\_00000403111\_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\_00000473111\_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\_00000443111\_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\_00000443111\_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\_00000503111\_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\_00000413112\_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\_00000453112\_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\_00000463111\_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\_00000403111\_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\_00000523111\_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\_00000423111\_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\_00000413111\_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\_00000393111\_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

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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
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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
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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
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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
/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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120222_090133_000047893112_00036_52205_5654.N1
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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120222_104147_000047903112_00037_52206_5655.N1
1; 1735.0; 22-FEB-2012 10:41:47; Dark ; 48.5; 48; 30Alp Hya ; 1.98; 4100;occ; 97; 0;52206
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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120222_131217_000017643112_00038_52207_5656.N1
1; -1263.1; 22-FEB-2012 13:12:17; Bright; 41.5; 168; 17Zet Aql ; 2.99; 11000;occ; 83; 0;52207
2; 459.2; 22-FEB-2012 13:40:59; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52208
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20120222_145231_000017693112_00039_52208_5657.N1
1; -1262.8; 22-FEB-2012 14:52:31; Bright; 37.0; 168; 17Zet Aql ; 2.99; 11000;occ; 74; 0;52208
2; 459.9; 22-FEB-2012 15:21:13; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;52209

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2; 460.4; 22-FEB-2012 17:01:28; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52210

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1; -1262.2; 22-FEB-2012 18:12:59; Bright; 37.5; 168; 17Zet Aql ; 2.99; 11000;occ; 75; 0;52210  
2; 461.0; 22-FEB-2012 18:41:43; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;52211  
3; 682.1; 22-FEB-2012 18:45:24; Dark ; 24.5; 26; Gam Cru ; 1.62; 2900;occ; 49; 0;52211

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1; -242.7; 22-FEB-2012 20:10:13; Dark ; 44.0; 178; Tot1Sco ; 3.02; 6550;occ; 88; 0;52211  
2; 461.6; 22-FEB-2012 20:21:57; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;52212  
3; 682.7; 22-FEB-2012 20:25:38; Dark ; 26.5; 26; Gam Cru ; 1.62; 2900;occ; 53; 0;52212

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1; -179.6; 23-FEB-2012 01:11:58; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;52214  
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

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120223\_061241\_000008963112\_00048\_52217\_6654.N1  
1; -177.6; 23-FEB-2012 06:12:41; Dark ; 44.5; 40; The Sco ; 1.86; 7100;occ; 89; 0;52217  
2; 465.1; 23-FEB-2012 06:23:24; Dark ; 49.0; 10; Bet Cen ; 0.61; 28000;occ; 98; 0;52218  
3; 685.9; 23-FEB-2012 06:27:05; Dark ; 33.5; 26; Gam Cru ; 1.62; 2900;occ; 67; 0;52218

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120223\_211452\_000009063112\_00057\_52226\_6655.N1  
1; -171.9; 23-FEB-2012 21:14:52; Dark ; 42.0; 40; The Sco ; 1.86; 7100;occ; 84; 0;52226  
2; 470.4; 23-FEB-2012 21:25:35; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52227  
3; 690.6; 23-FEB-2012 21:29:15; Dark ; 44.5; 26; Gam Cru ; 1.62; 2900;occ; 89; 0;52227

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1; -171.1; 23-FEB-2012 22:55:07; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;52227  
2; 471.0; 23-FEB-2012 23:05:49; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52228  
3; 691.0; 23-FEB-2012 23:09:29; Dark ; 46.5; 26; Gam Cru ; 1.62; 2900;occ; 93; 0;52228

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120223\_075256\_000008973112\_00049\_52218\_5661.N1  
1; -176.9; 23-FEB-2012 07:52:56; Dark ; 44.5; 40; The Sco ; 1.86; 7100;occ; 89; 0;52218  
2; 465.8; 23-FEB-2012 08:03:39; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52219  
3; 686.5; 23-FEB-2012 08:07:19; Dark ; 34.5; 26; Gam Cru ; 1.62; 2900;occ; 69; 0;52219

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120223\_093311\_000008993112\_00050\_52219\_5662.N1  
1; -176.2; 23-FEB-2012 09:33:11; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;52219  
2; 466.4; 23-FEB-2012 09:43:53; Dark ; 53.5; 10; Bet Cen ; 0.61; 28000;occ; 107; 0;52220  
3; 687.1; 23-FEB-2012 09:47:34; Dark ; 36.5; 26; Gam Cru ; 1.62; 2900;occ; 73; 0;52220

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120223\_111325\_000009003112\_00051\_52220\_5663.N1  
1; -175.6; 23-FEB-2012 11:13:25; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;52220  
2; 466.9; 23-FEB-2012 11:24:08; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;52221  
3; 687.5; 23-FEB-2012 11:27:48; Dark ; 37.5; 26; Gam Cru ; 1.62; 2900;occ; 75; 0;52221

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120223\_125340\_000009013112\_00052\_52221\_5664.N1  
1; -174.8; 23-FEB-2012 12:53:40; Dark ; 45.5; 40; The Sco ; 1.86; 7100;occ; 91; 0;52221  
2; 467.5; 23-FEB-2012 13:04:22; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;52222  
3; 688.0; 23-FEB-2012 13:08:03; Dark ; 38.5; 26; Gam Cru ; 1.62; 2900;occ; 77; 0;52222

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120223\_143354\_000009023112\_00053\_52222\_5665.N1  
1; -174.3; 23-FEB-2012 14:33:54; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;52222  
2; 468.1; 23-FEB-2012 14:44:37; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52223  
3; 688.6; 23-FEB-2012 14:48:17; Dark ; 39.5; 26; Gam Cru ; 1.62; 2900;occ; 79; 0;52223

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1; -173.6; 23-FEB-2012 16:14:09; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;52223  
2; 468.8; 23-FEB-2012 16:24:51; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;52224  
3; 689.2; 23-FEB-2012 16:28:32; Dark ; 41.5; 26; Gam Cru ; 1.62; 2900;occ; 83; 0;52224

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120223\_175423\_000009053112\_00055\_52224\_5667.N1  
1; -173.2; 23-FEB-2012 17:54:23; Dark ; 43.5; 40; The Sco ; 1.86; 7100;occ; 87; 0;52224  
2; 469.4; 23-FEB-2012 18:05:06; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52225  
3; 689.7; 23-FEB-2012 18:08:46; Dark ; 42.5; 26; Gam Cru ; 1.62; 2900;occ; 85; 0;52225

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120223\_193438\_000009053112\_00056\_52225\_5668.N1  
1; -172.4; 23-FEB-2012 19:34:38; Dark ; 41.5; 40; The Sco ; 1.86; 7100;occ; 83; 0;52225  
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

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120224\_003521\_000009093112\_00059\_52228\_6657.N1  
1; -170.5; 24-FEB-2012 00:35:21; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;52228  
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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3; 691.6; 24-FEB-2012 00:49:43; Dark ; 47.5; 26; Gam Cru ; 1.62; 2900;occ; 95; 0;52229
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1; -169.8; 24-FEB-2012 02:15:36; Dark ; 41.0; 40; The Sco ; 1.86; 7100;occ; 82; 0;52229
2; 472.2; 24-FEB-2012 02:26:18; Dark ; 46.0; 10; Bet Cen ; 0.61; 28000;occ; 92; 0;52230
3; 692.2; 24-FEB-2012 02:29:58; Dark ; 48.5; 26; Gam Cru ; 1.62; 2900;occ; 97; 0;52230
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2; 472.9; 24-FEB-2012 04:06:33; Dark ; 54.0; 10; Bet Cen ; 0.61; 28000;occ; 108; 0;52231
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2; 473.5; 24-FEB-2012 05:46:47; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;52232
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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; 474.8; 24-FEB-2012 09:07:16; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52234
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3; 699.5; 25-FEB-2012 01:53:21; Dark ; 55.0; 26; Gam Cru ; 1.62; 2900;occ; 110; 0;52244
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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
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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