

# GOMOS Daily Report 14-MAR-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	17MAR2012 07:01:12
Data source version	GOMOS/6.01
Start time of products	14MAR2012 00:50:49
Stop time of products	14MAR2012 23:34:29
Store outputs in DB	Yes
Nb of level 1b prods	27
Nb of prods with errors	0

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

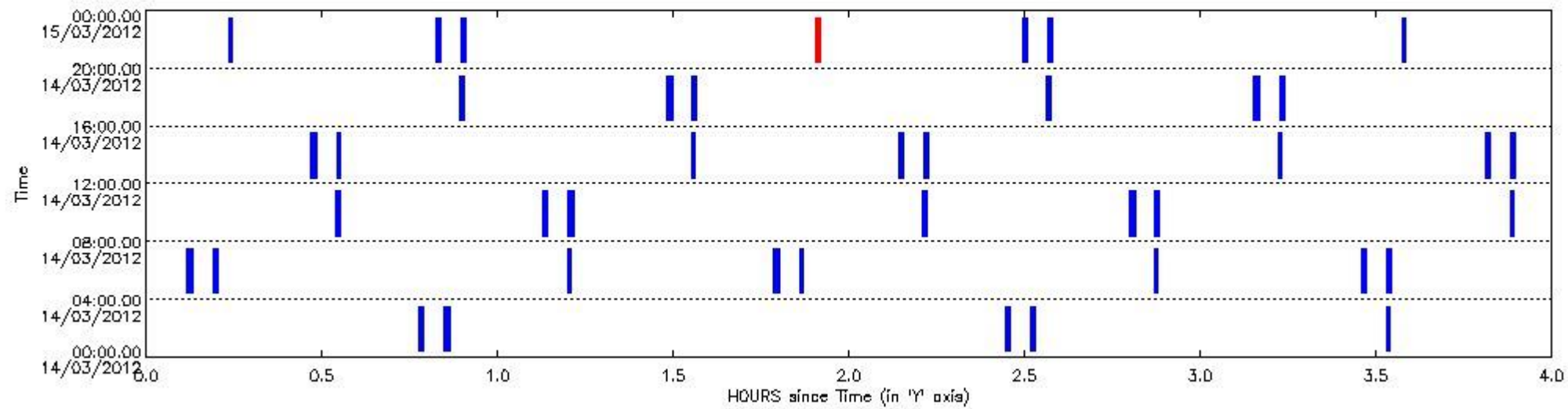
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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)

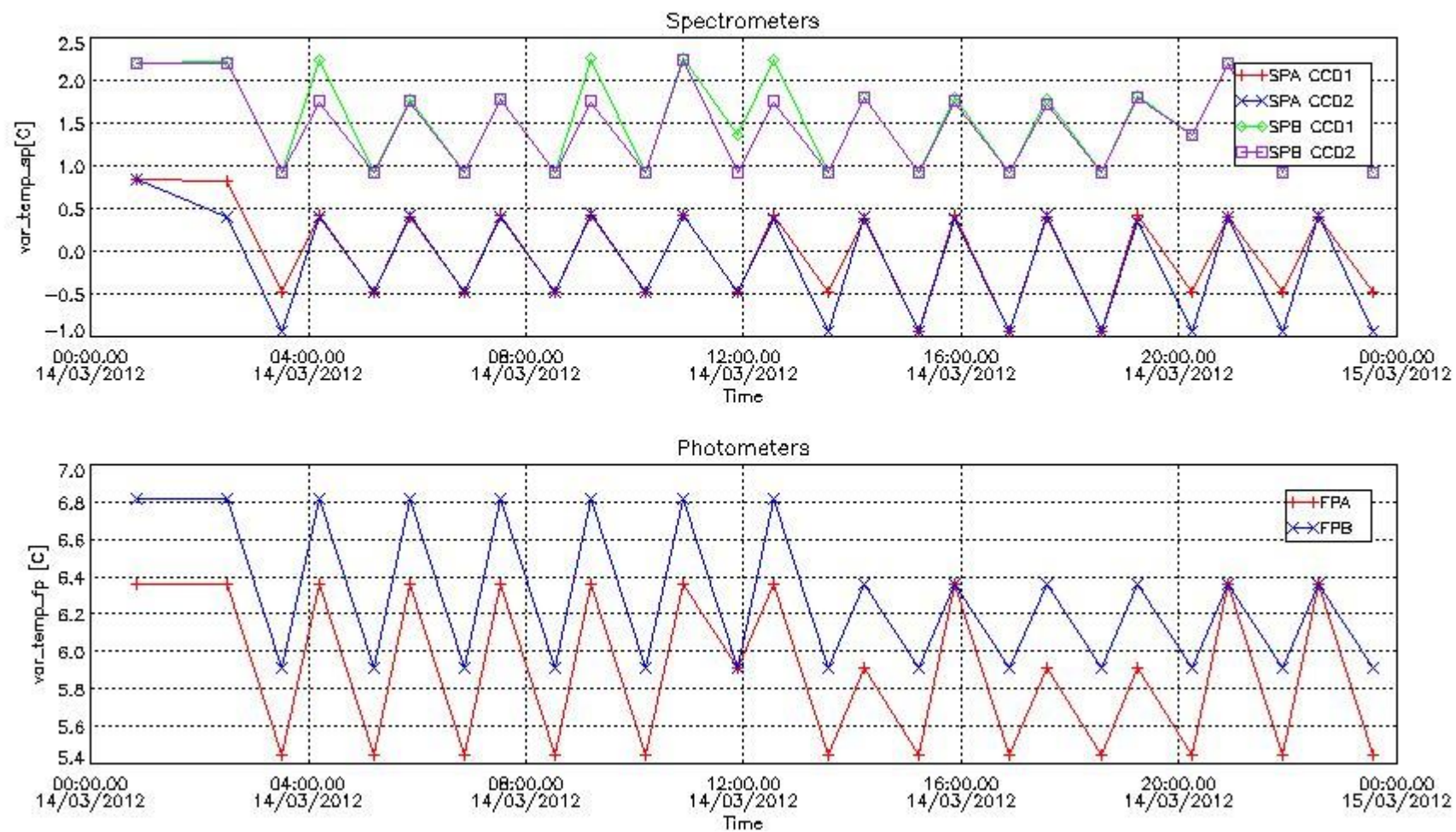
UTC start time	Star name	Star ID	Orbit
14-MAR-2012 21:54:12	50AlpCyg	19	52514

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20120314_005049_000000573112_00333_52502_8760.N1	14-MAR-2012 00:50:49	Dark	56.500	4	Alp1Cen	-0.010000	5800.0	113	52502	No
2	GOM_TRA_1PNPDE20120314_023103_000000473112_00334_52503_8782.N1	14-MAR-2012 02:31:03	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	52503	No
3	GOM_TRA_1PNPDE20120314_033141_000000373112_00334_52503_8836.N1	14-MAR-2012 03:31:41	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	52503	No
4	GOM_TRA_1PNPDE20120314_041118_000000563112_00335_52504_8837.N1	14-MAR-2012 04:11:18	Dark	55.500	4	Alp1Cen	-0.010000	5800.0	111	52504	No
5	GOM_TRA_1PNPDE20120314_051155_000000383112_00335_52504_8900.N1	14-MAR-2012 05:11:55	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	52504	No
6	GOM_TRA_1PNPDE20120314_055132_000000423112_00336_52505_8901.N1	14-MAR-2012 05:51:32	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	52505	No
7	GOM_TRA_1PNPDK20120314_065209_000000383112_00336_52505_4674.N1	14-MAR-2012 06:52:09	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	52505	No
8	GOM_TRA_1PNPDK20120314_073147_000000463112_00337_52506_4675.N1	14-MAR-2012 07:31:47	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	52506	No
9	GOM_TRA_1PNPDK20120314_083223_000000383112_00337_52506_4087.N1	14-MAR-2012 08:32:23	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	52506	No
10	GOM_TRA_1PNPDK20120314_091201_000000573112_00338_52507_4088.N1	14-MAR-2012 09:12:01	Dark	56.500	4	Alp1Cen	-0.010000	5800.0	113	52507	No

11	GOM_TRA_1PNPDK20120314_101237_000000373112_00338_52507_4102.N1	14-MAR-2012 10:12:37	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	52507	No
12	GOM_TRA_1PNPDK20120314_105216_000000493112_00339_52508_4103.N1	14-MAR-2012 10:52:16	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	52508	No
13	GOM_TRA_1PNPDK20120314_115251_000000363112_00339_52508_4249.N1	14-MAR-2012 11:52:51	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	52508	No
14	GOM_TRA_1PNPDK20120314_123230_000000423112_00340_52509_4250.N1	14-MAR-2012 12:32:30	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	52509	No
15	GOM_TRA_1PNPDK20120314_133305_000000373112_00340_52509_4268.N1	14-MAR-2012 13:33:05	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	52509	No
16	GOM_TRA_1PNPDK20120314_141245_000000433112_00341_52510_4269.N1	14-MAR-2012 14:12:45	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	52510	No
17	GOM_TRA_1PNPDK20120314_151319_000000363112_00341_52510_5119.N1	14-MAR-2012 15:13:19	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	52510	No
18	GOM_TRA_1PNPDK20120314_155259_000000443112_00342_52511_5120.N1	14-MAR-2012 15:52:59	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	52511	No
19	GOM_TRA_1PNPDK20120314_165333_000000363112_00342_52511_4314.N1	14-MAR-2012 16:53:33	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	52511	No
20	GOM_TRA_1PNPDK20120314_173314_000000453112_00343_52512_4315.N1	14-MAR-2012 17:33:14	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	52512	No
21	GOM_TRA_1PNPDK20120314_183346_000000363112_00343_52512_4397.N1	14-MAR-2012 18:33:46	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	52512	No
22	GOM_TRA_1PNPDK20120314_191328_000000563112_00344_52513_4398.N1	14-MAR-2012 19:13:28	Dark	56.000	4	Alp1Cen	-0.010000	5800.0	112	52513	No
23	GOM_TRA_1PNPDK20120314_201401_000000363112_00344_52513_4407.N1	14-MAR-2012 20:14:01	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	52513	No
24	GOM_TRA_1PNPDK20120314_205342_000000453112_00345_52514_4408.N1	14-MAR-2012 20:53:42	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	52514	No
25	GOM_TRA_1PNPDE20120314_215415_000000383112_00345_52514_9088.N1	14-MAR-2012 21:54:15	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	52514	No
26	GOM_TRA_1PNPDE20120314_223357_000000463112_00346_52515_9121.N1	14-MAR-2012 22:33:57	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	52515	No
27	GOM_TRA_1PNPDE20120314_233429_000000353112_00346_52515_9122.N1	14-MAR-2012 23:34:29	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	52515	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

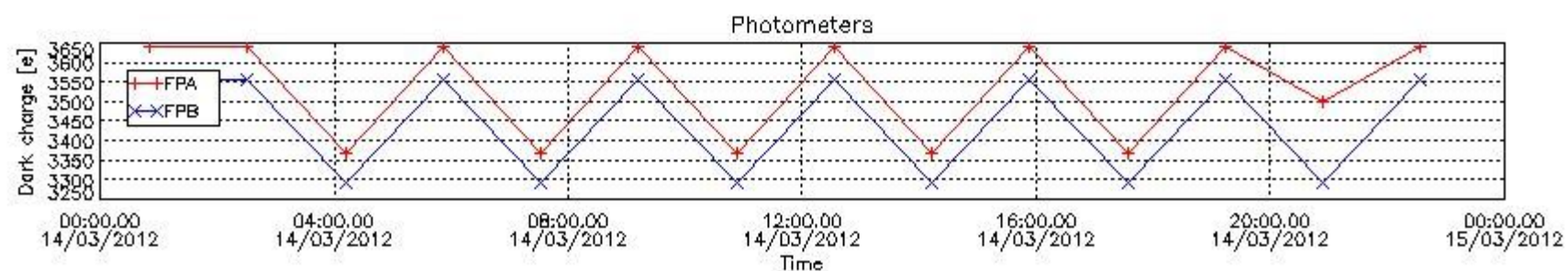
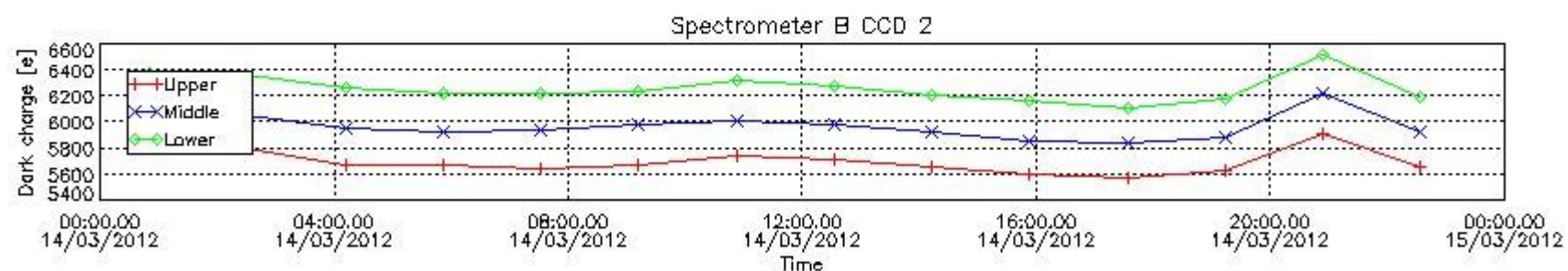
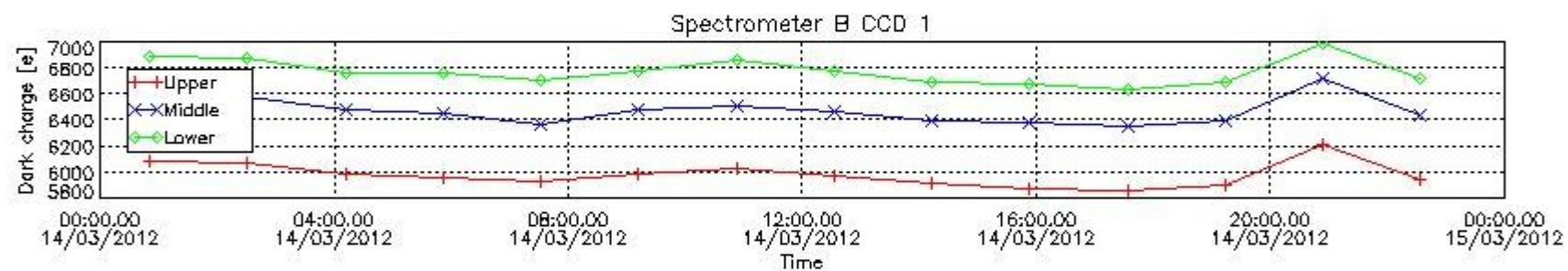
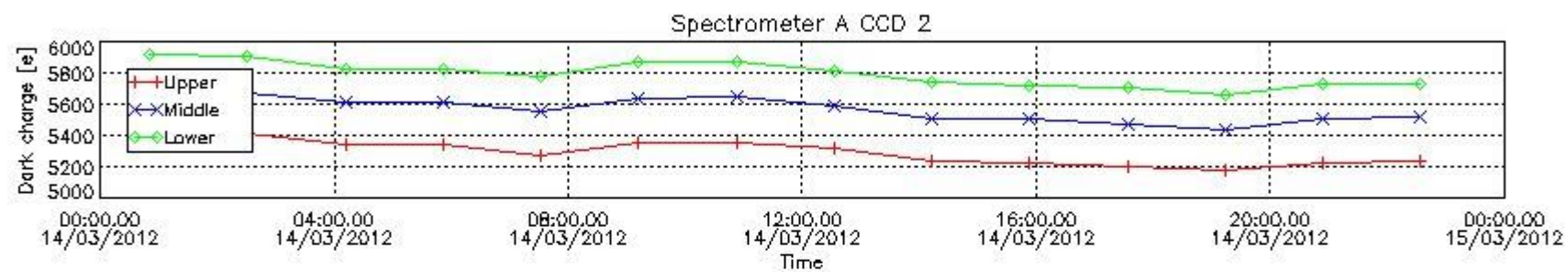
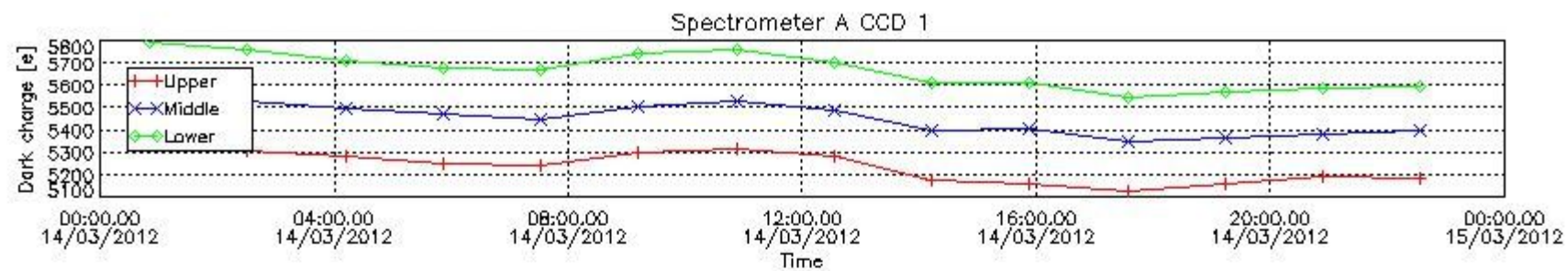
the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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_1PNPDE20120314_215415_000000383112_00345_52514_9088.N1	DC map used

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



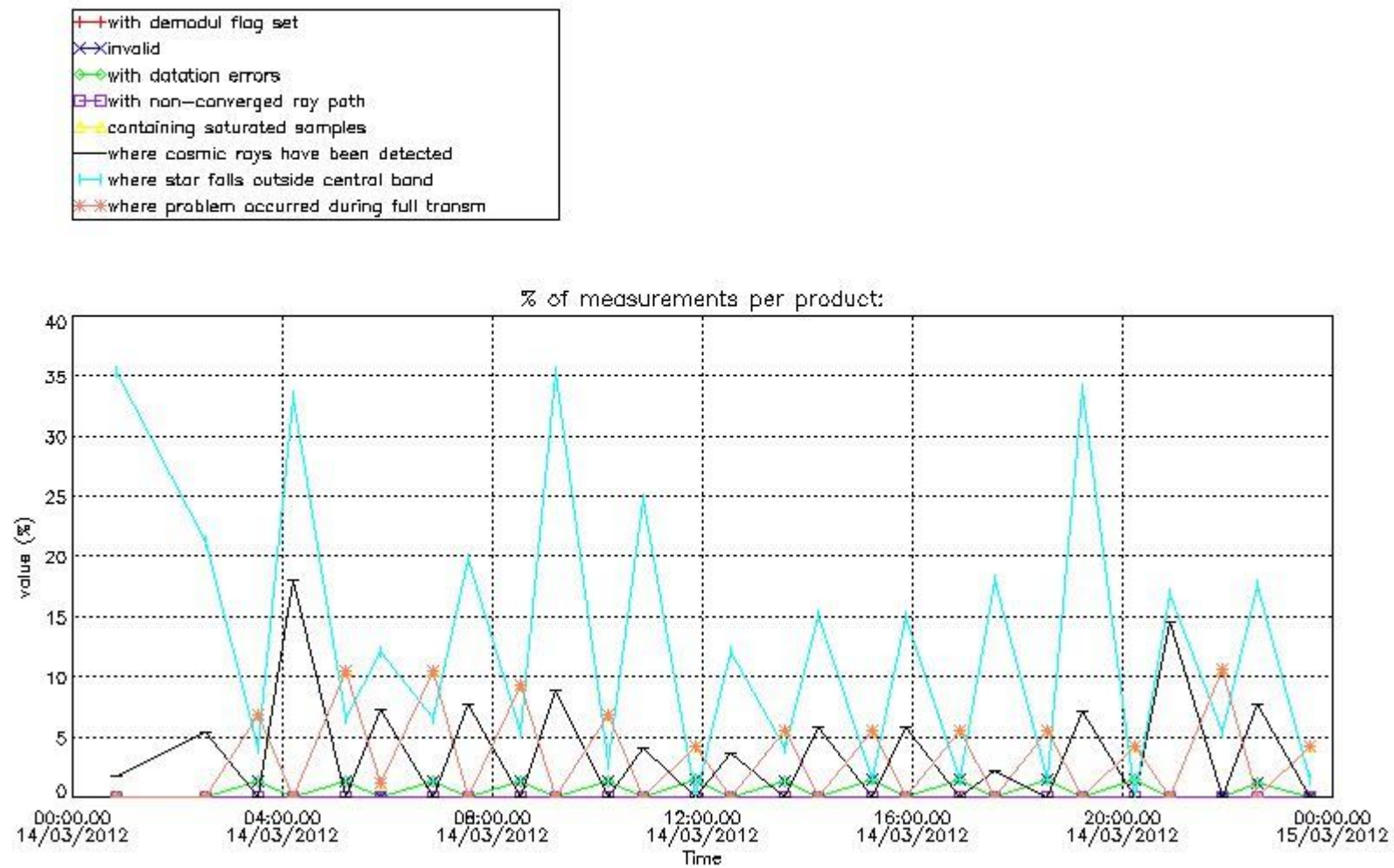
## 5. Demodulation flag and quality information monitoring

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.

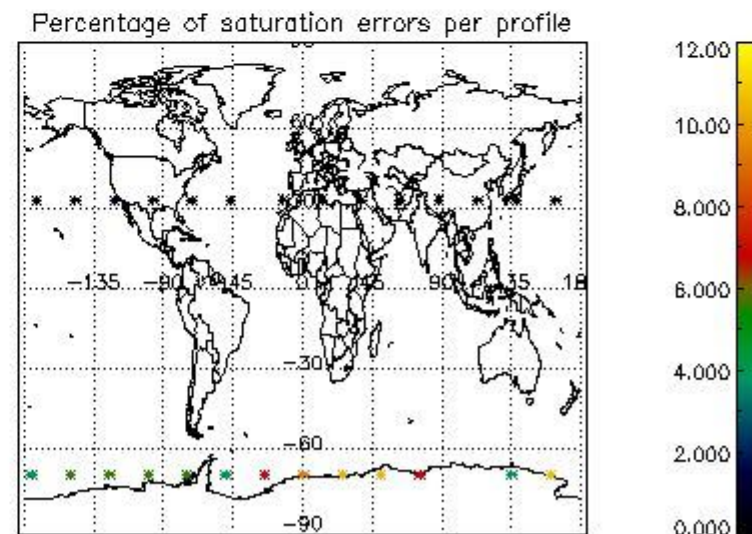
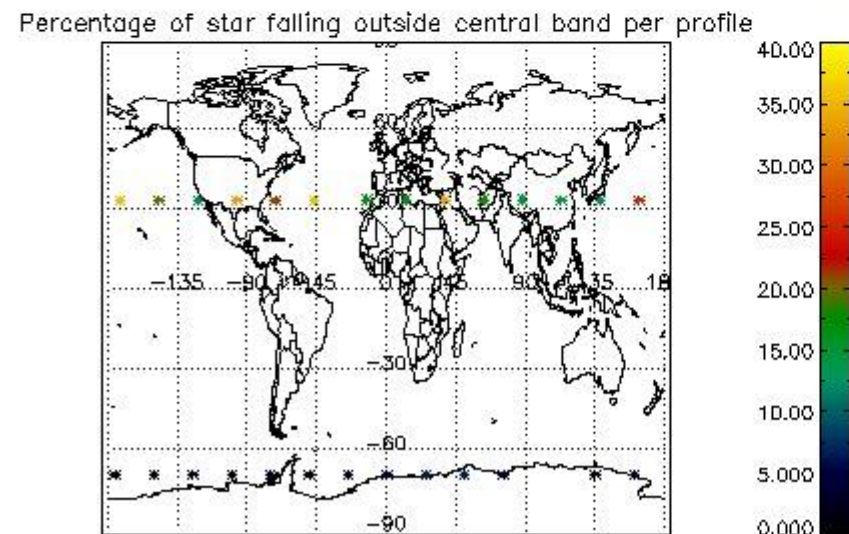
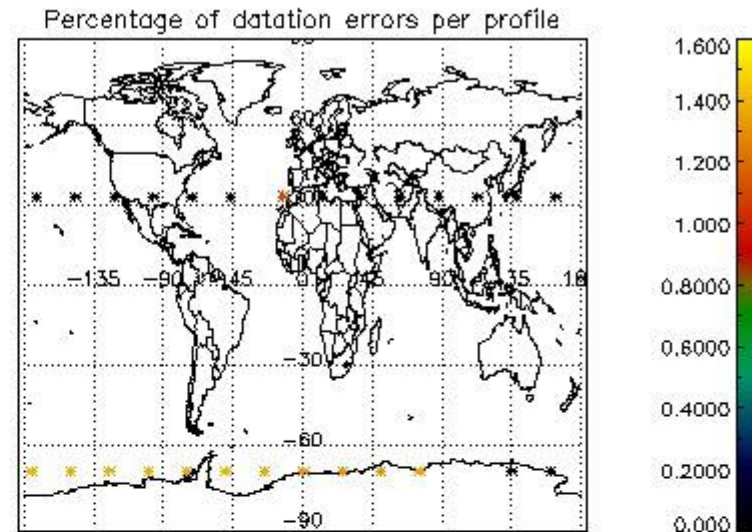
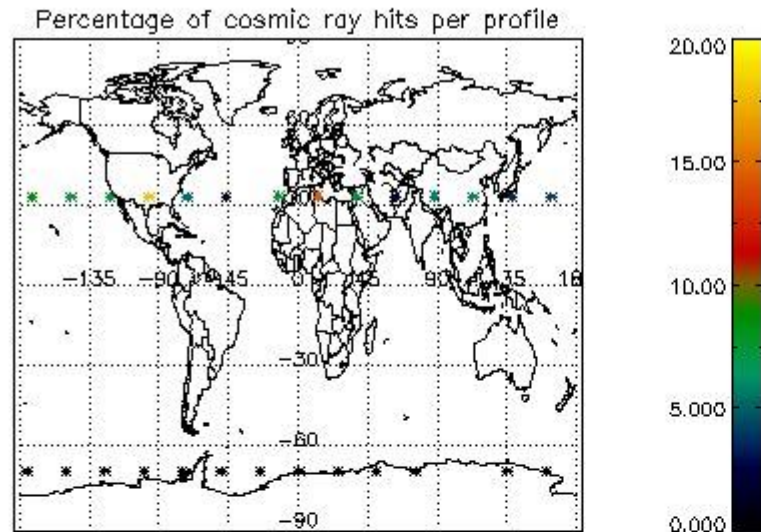
### 5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	51.8519 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	48.1481 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)



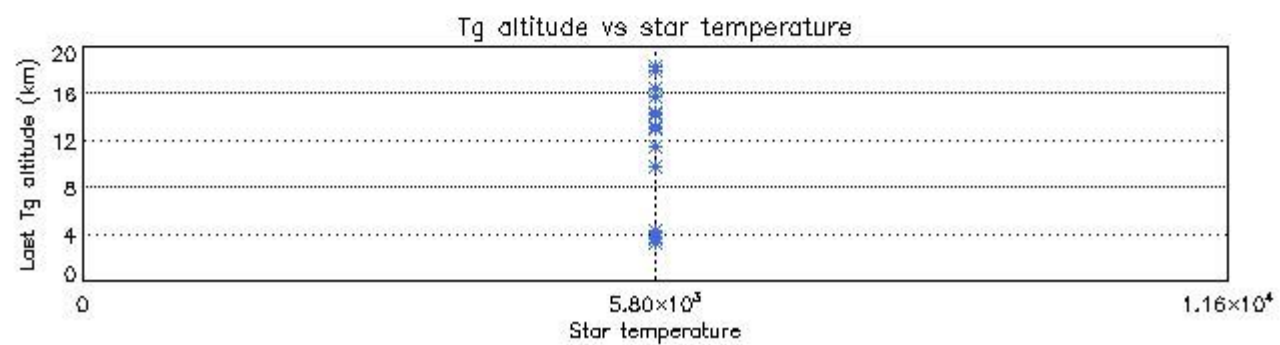
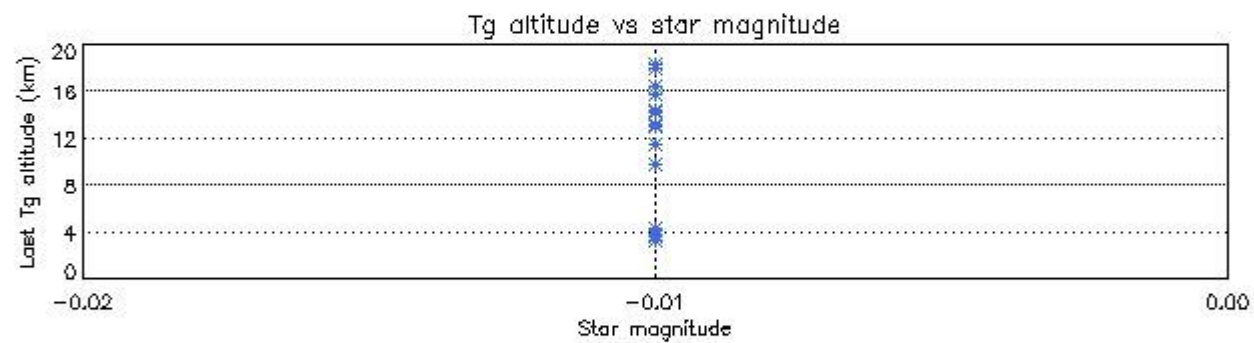
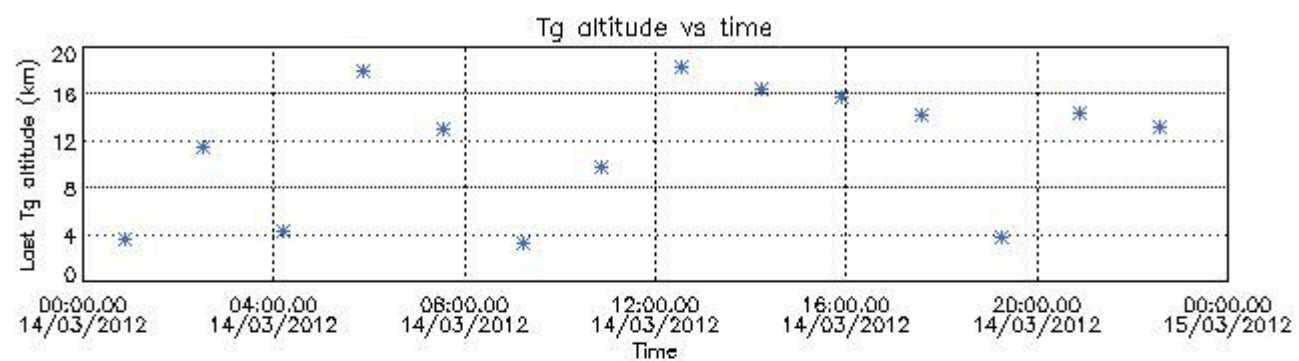
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	11.351	22.898	NaN
St. deviation:	5.5143	2.0424	NaN
Maximum:	18.224	26.156	NaN
Minimum:	3.2761	19.899	NaN
Number of data:	14.000	13.000	NaN

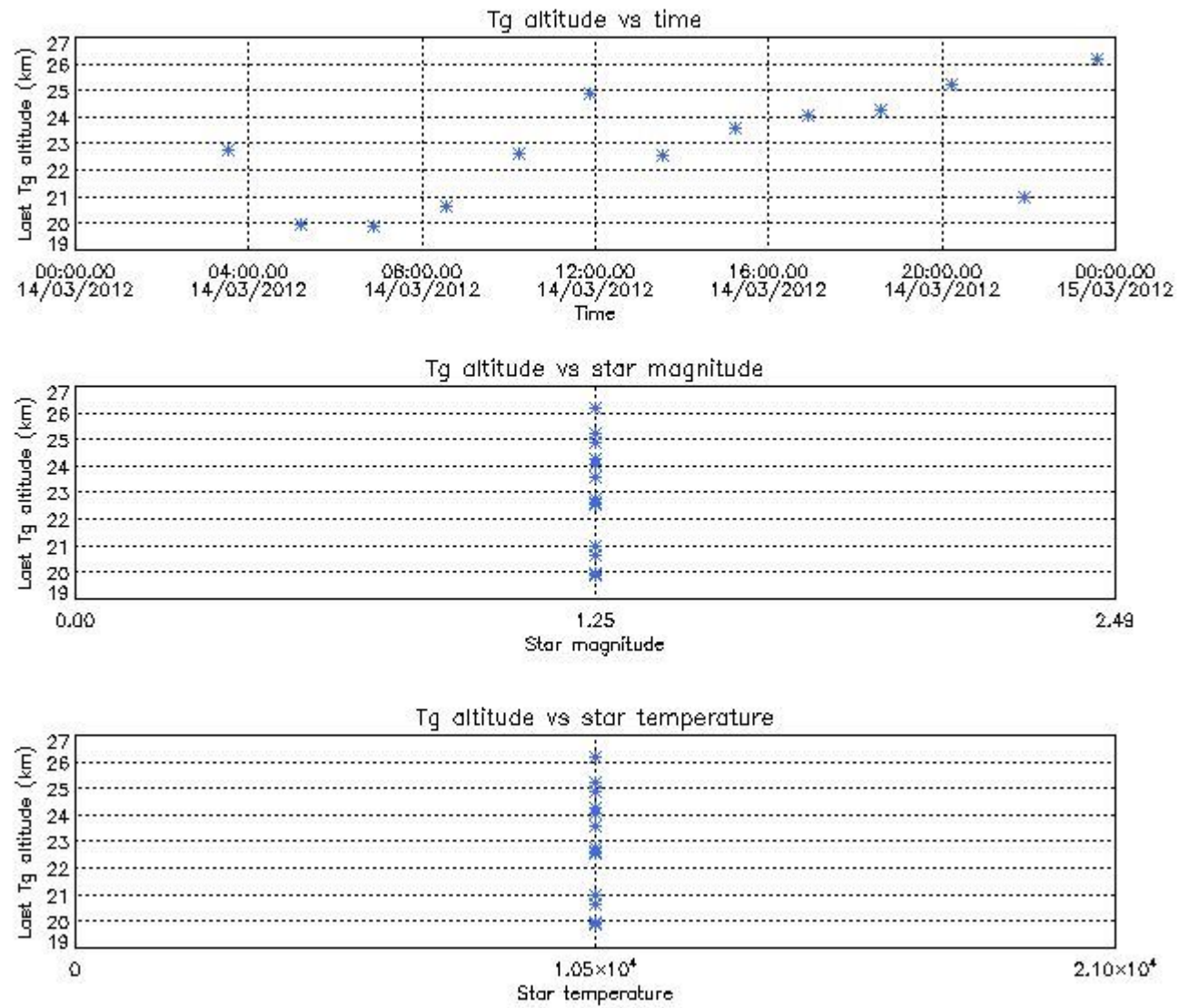
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost



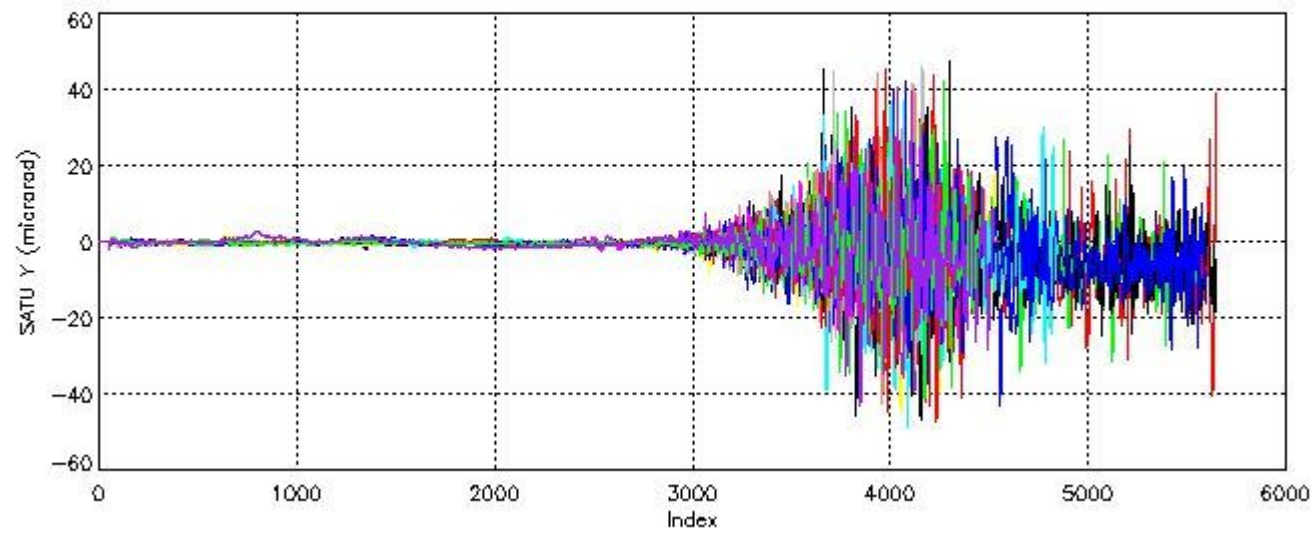
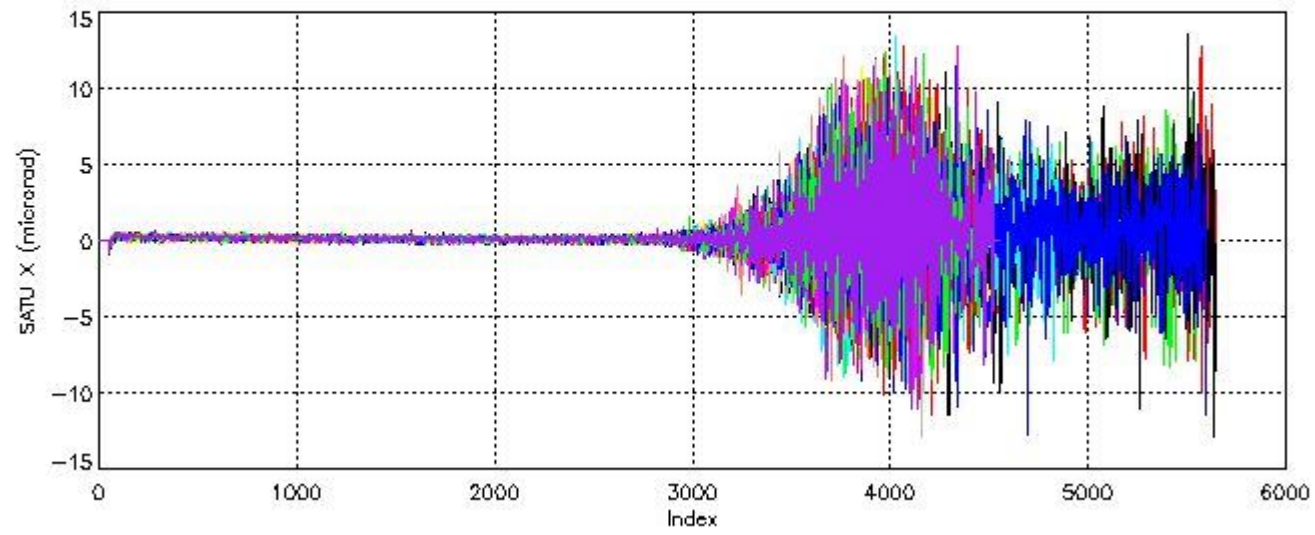
## 7. Star Acquisition and Tracking Unit (SATU)

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

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

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





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

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

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

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.17723	-0.26563	0.028773	-0.13393
St. deviation:	0.12657	0.36015	0.38356	0.63512
Maximum:	0.60000	2.60000	1.40000	5.10000
Minimum:	-0.90000	-1.90000	-1.50000	-4.40000

Number of data:	13300.	13300.	11400.	11400.
90Percentile:	0.30000	0.10000	0.50000	0.60000

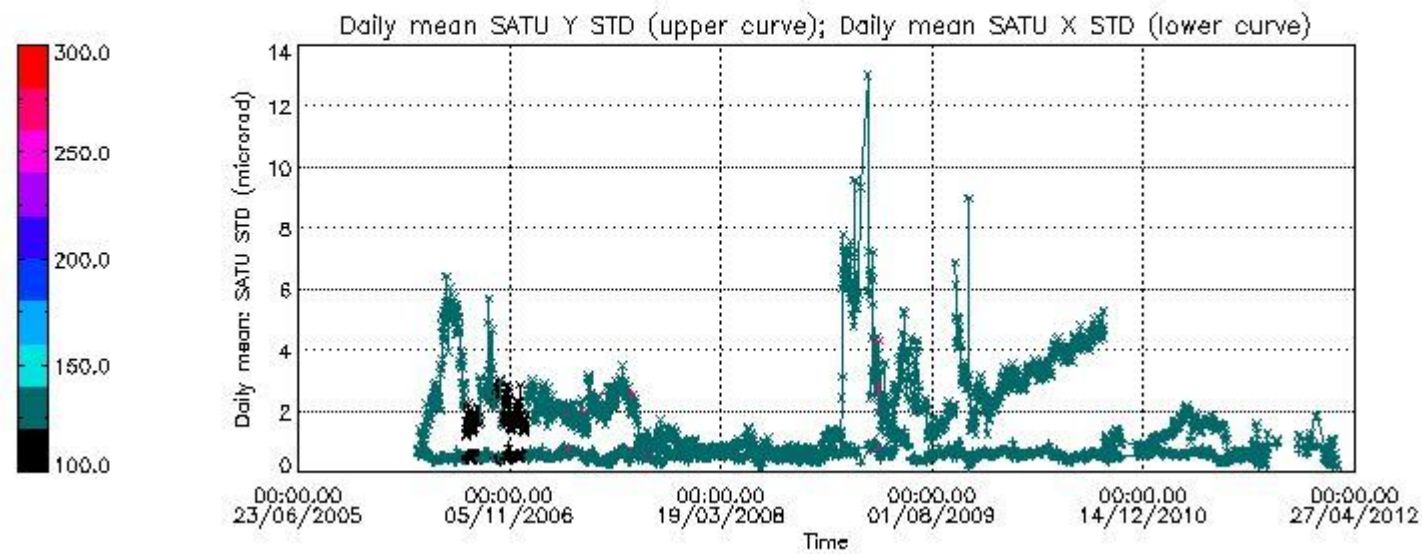
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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.

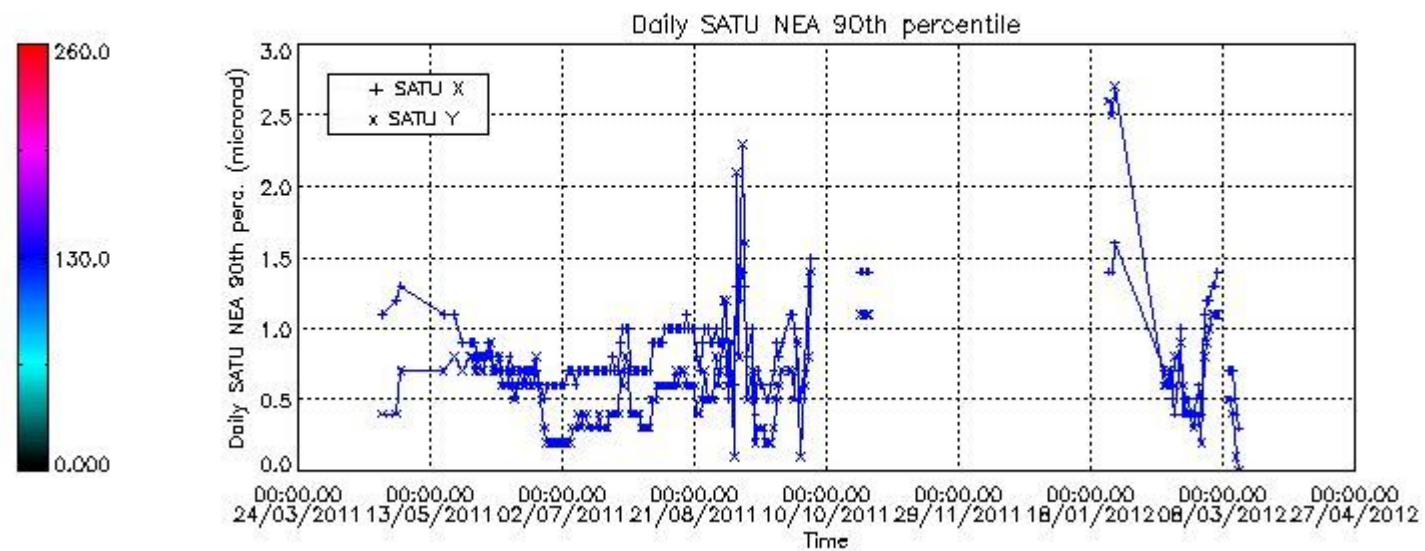
Upper curve: STD of SATU Y axis

Lower curve: STD of SATU X axis



Lower curve: 90th percentile of SATU Y axis

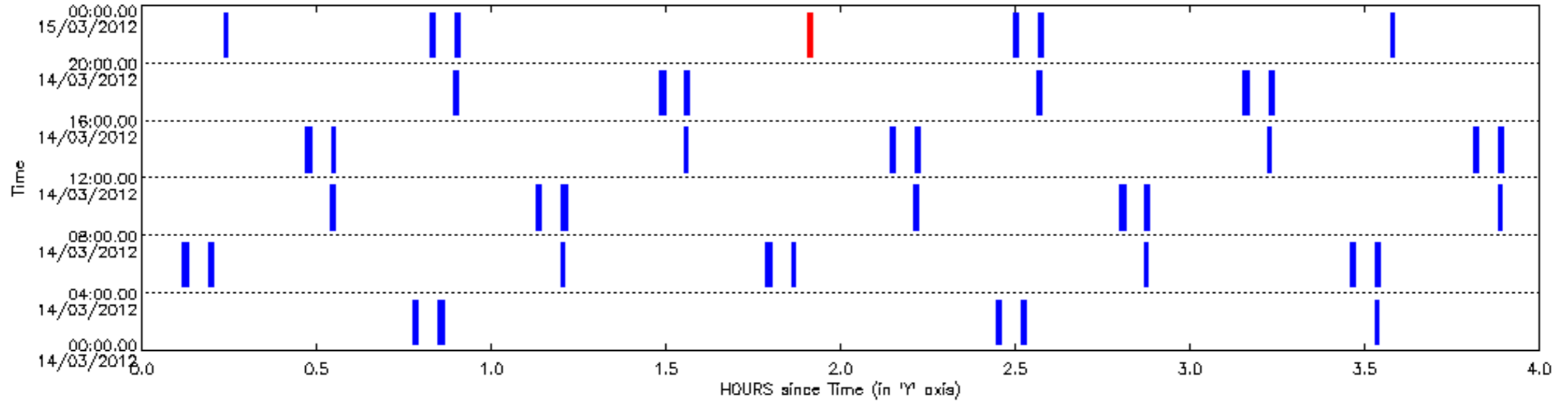
Upper curve: 90th percentile of SATU X axis

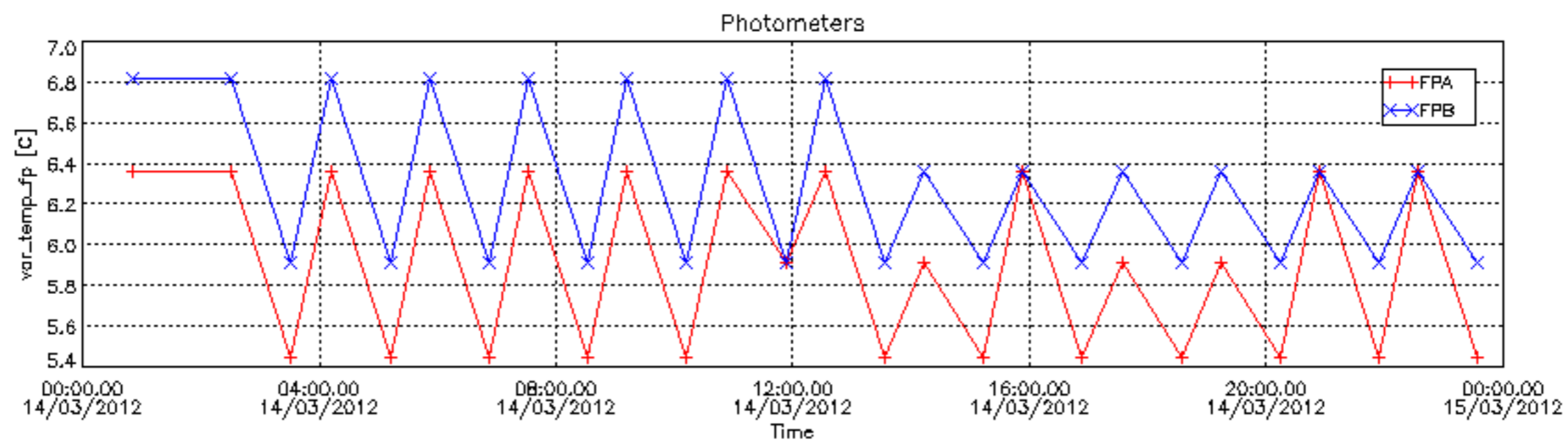
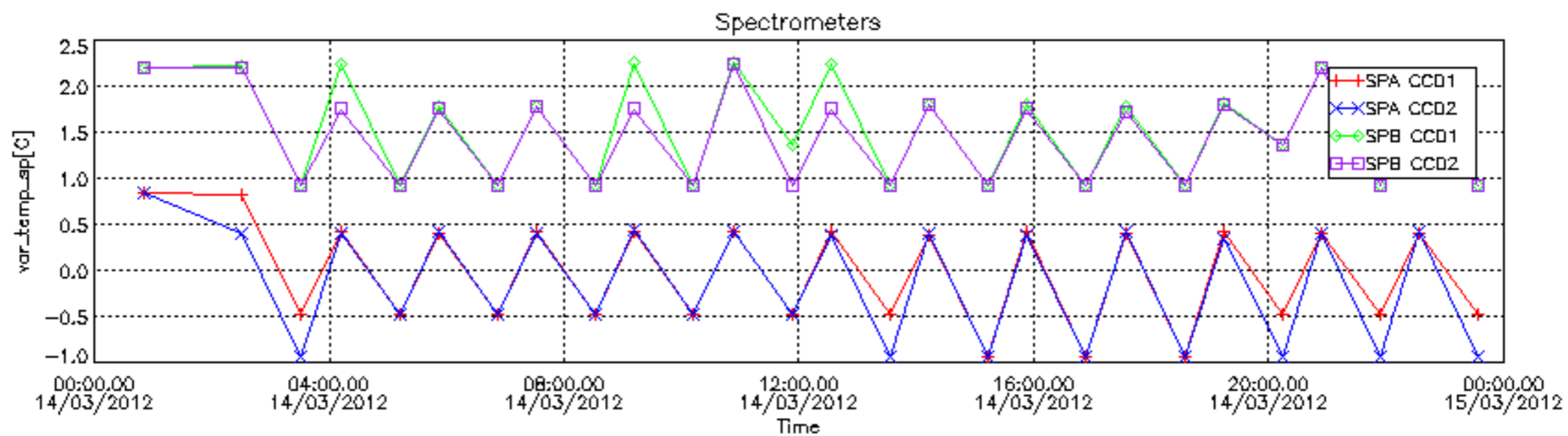


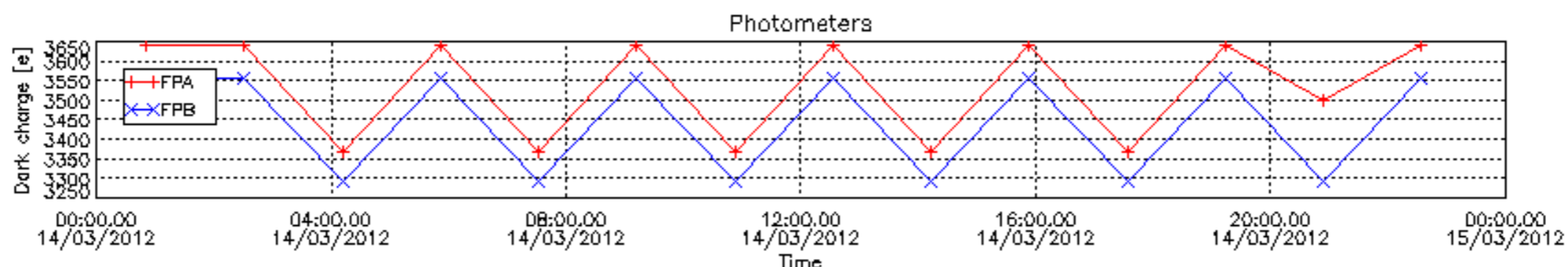
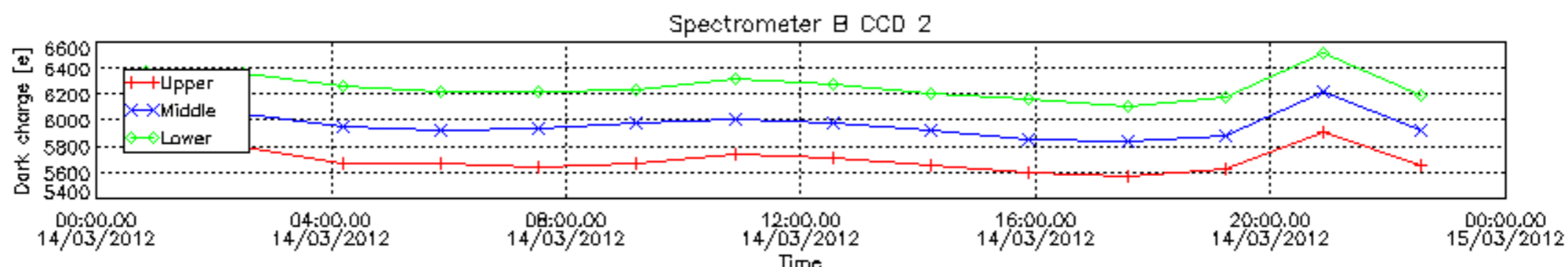
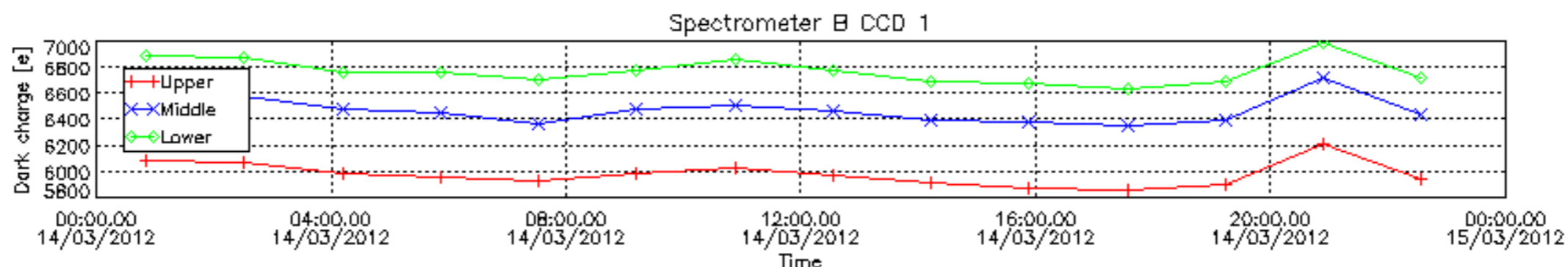
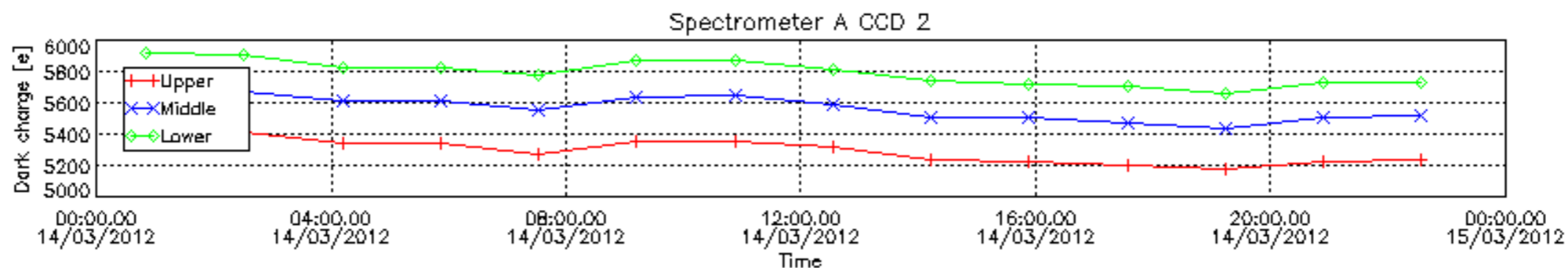
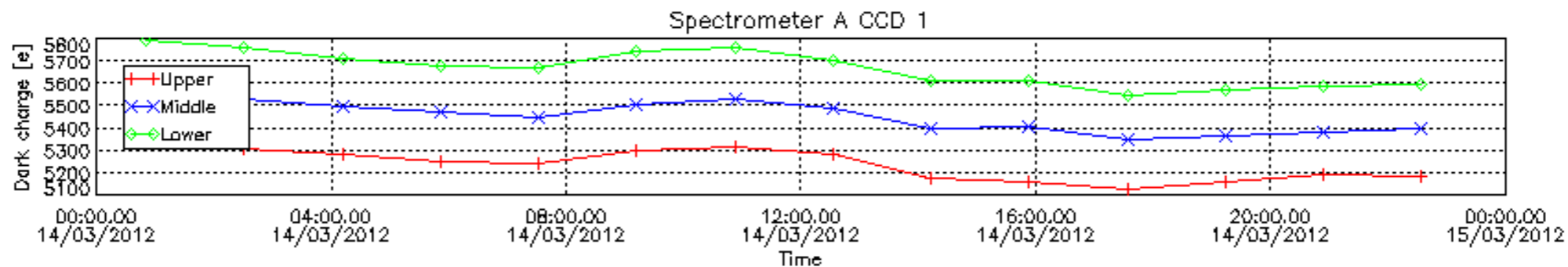
### 8. Auxiliary Data Files used for the production reported in section 2.4

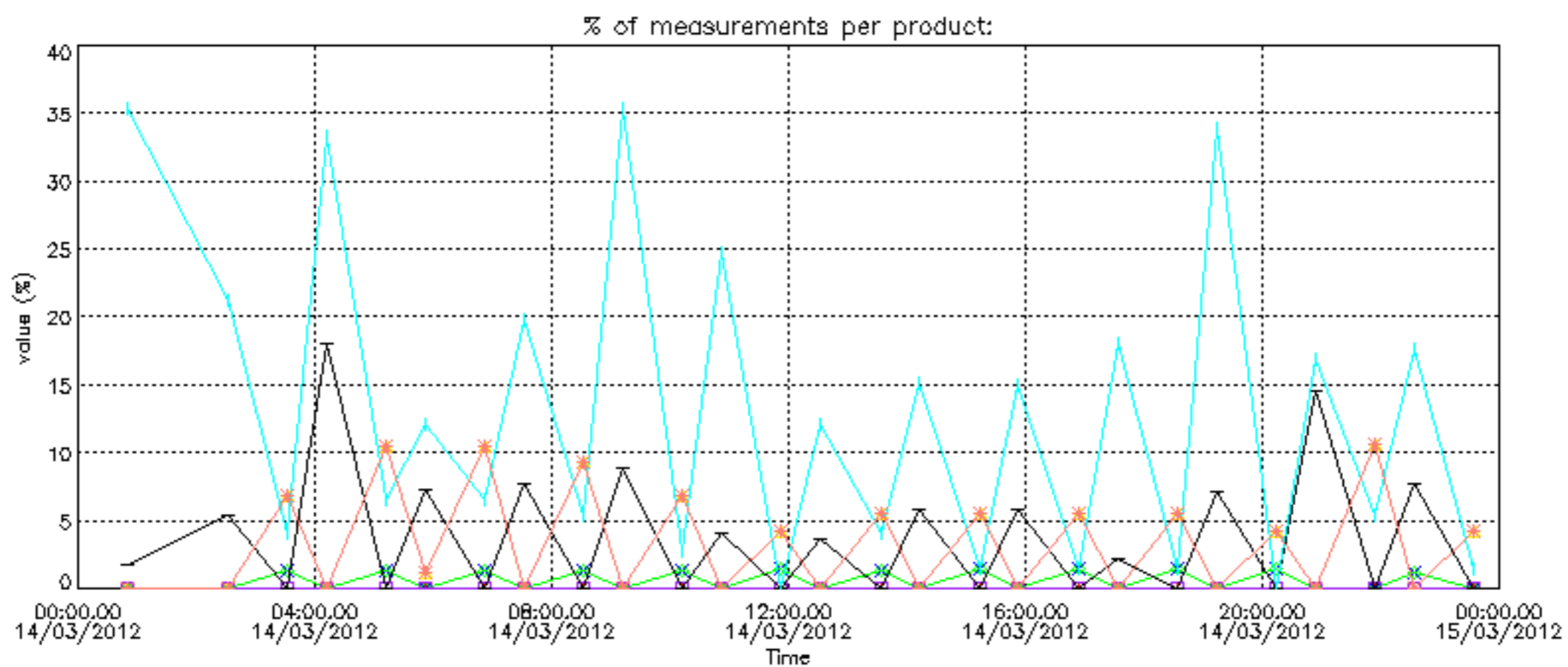
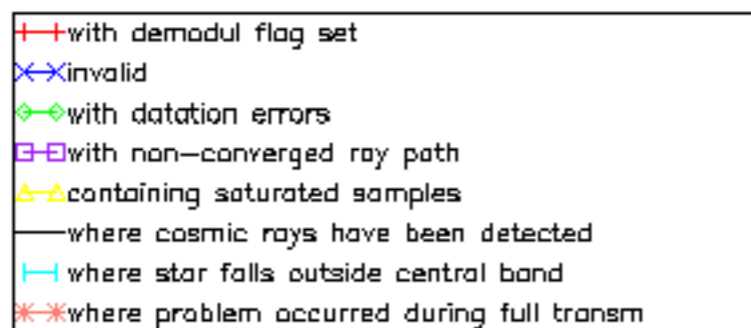
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	14-MAR-2012 00:50:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20120307_084038_20120305_000000_20500101_000000	1	14-MAR-2012 00:50:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	14-MAR-2012 00:50:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	14-MAR-2012 00:50:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	14-MAR-2012 00:50:49
ECMWF_FILE	AUX_ECF_AXNECM20120313_064943_20120313_210000_20120314_090000	1	14-MAR-2012 00:50:49
ECMWF_FILE	AUX_ECF_AXNECM20120313_182943_20120314_030000_20120314_150000	3	14-MAR-2012 03:31:41
ECMWF_FILE	AUX_ECA_AXNECM20120314_062114_20120313_210000_20120314_090000	5	14-MAR-2012 05:11:55
ECMWF_FILE	AUX_ECA_AXNECM20120314_174802_20120314_030000_20120314_150000	7	14-MAR-2012 06:52:09
ECMWF_FILE	AUX_ECF_AXNECM20120314_062114_20120314_090000_20120314_210000	11	14-MAR-2012 10:12:37
ECMWF_FILE	AUX_ECA_AXNECM20120314_174802_20120314_030000_20120314_150000	13	14-MAR-2012 11:52:51
ECMWF_FILE	AUX_ECA_AXNECM20120314_182802_20120314_090000_20120314_210000	14	14-MAR-2012 12:32:30
ECMWF_FILE	AUX_ECF_AXNECM20120314_062116_20120314_210000_20120315_090000	25	14-MAR-2012 21:54:15
OPTIONAL_ECMWF_FILE	MISSING	1	14-MAR-2012 00:50:49
OPTIONAL_ECMWF_FILE	AUX_ECA_AXNECM20120314_182802_20120314_090000_20120314_210000	13	14-MAR-2012 11:52:51
OPTIONAL_ECMWF_FILE	MISSING	14	14-MAR-2012 12:32:30
OPTIONAL_ECMWF_FILE	AUX_ECA_AXNECM20120316_062114_20120314_150000_20120315_030000	17	14-MAR-2012 15:13:19
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120313_232943_20120313_194056_20120323_201423	1	14-MAR-2012 00:50:49
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120314_231646_20120314_122315_20120324_125642	13	14-MAR-2012 11:52:51
ORBIT_DATA_FILE	DOR_POR_AXVF-P20120316_014500_20120313_215526_20120315_002326	17	14-MAR-2012 15:13:19
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120314_231646_20120314_122315_20120324_125642	19	14-MAR-2012 16:53:33
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120313_232943_20120313_194056_20120323_201423	25	14-MAR-2012 21:54:15
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20120314_231646_20120314_122315_20120324_125642	26	14-MAR-2012 22:33:57

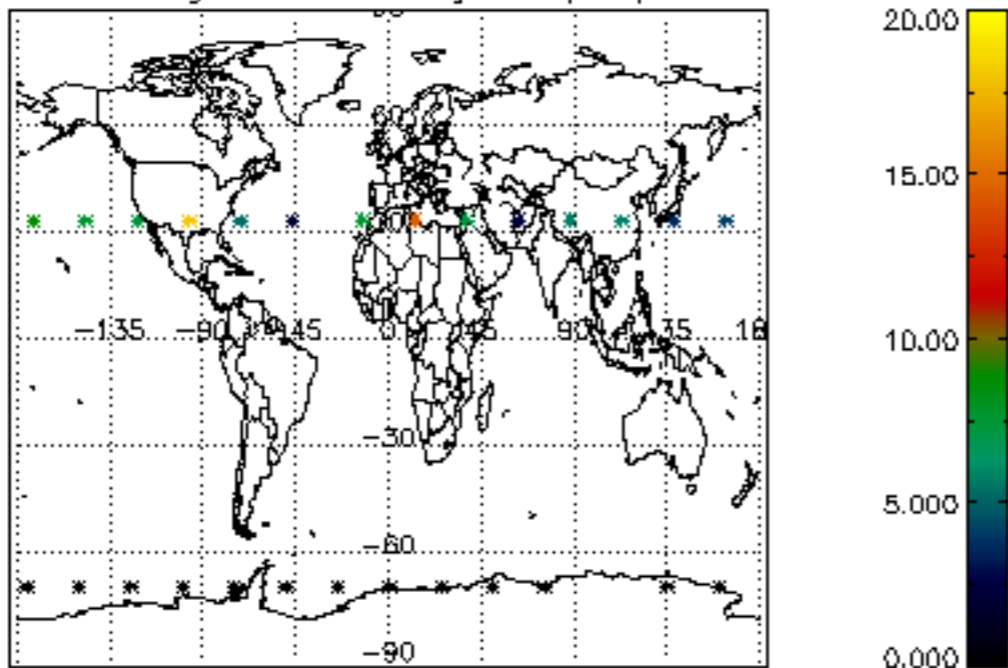




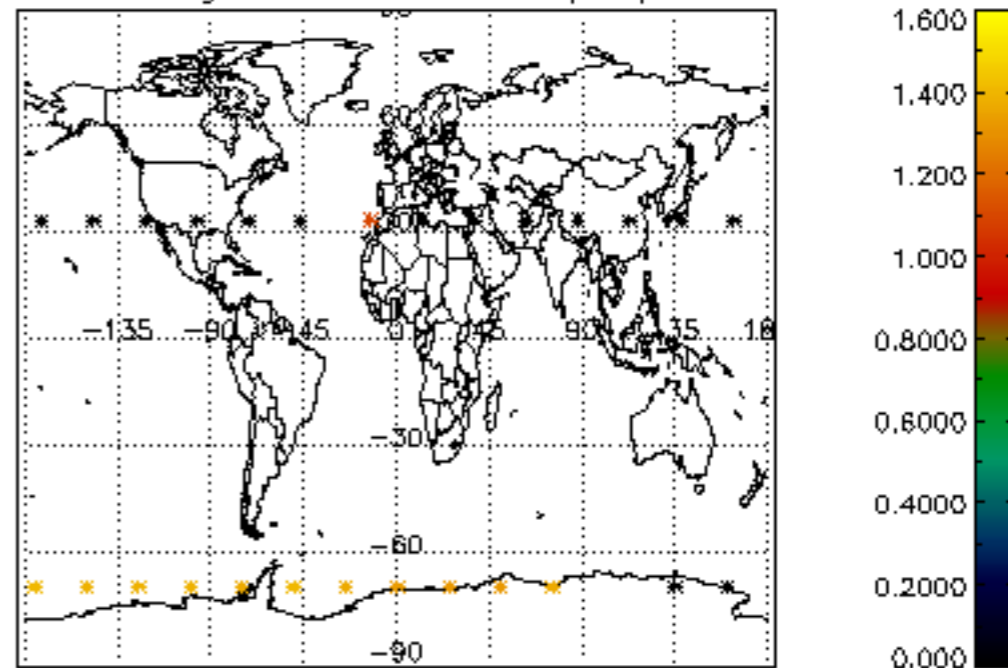




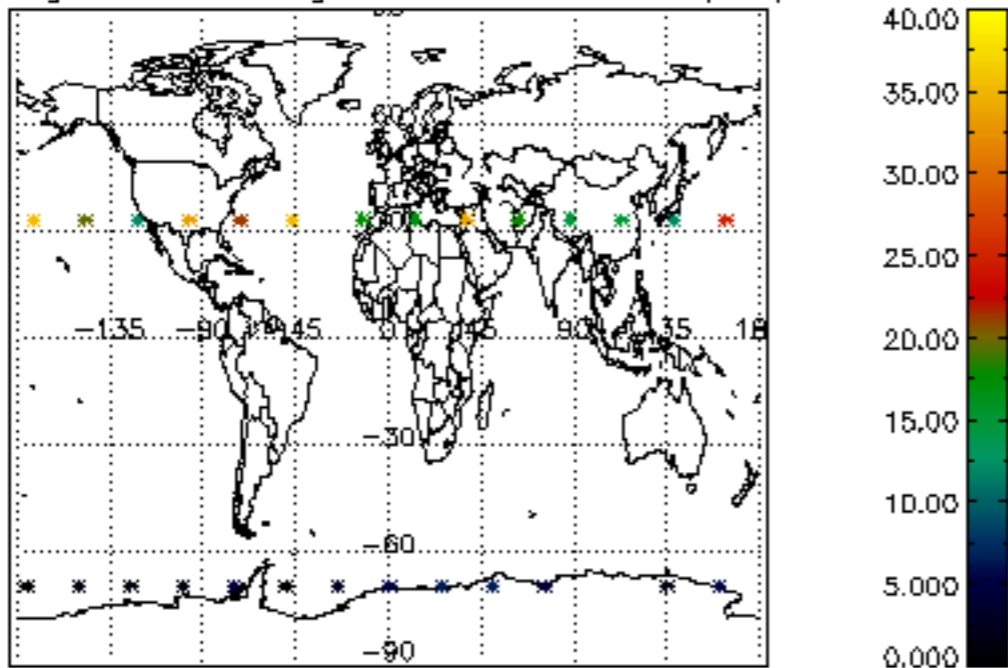
Percentage of cosmic ray hits per profile



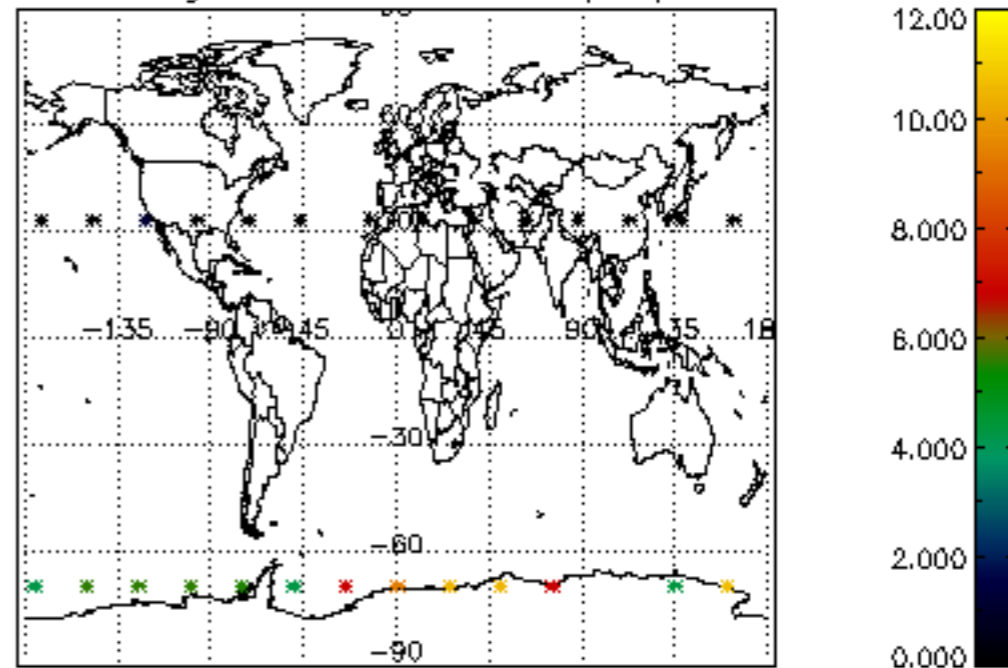
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

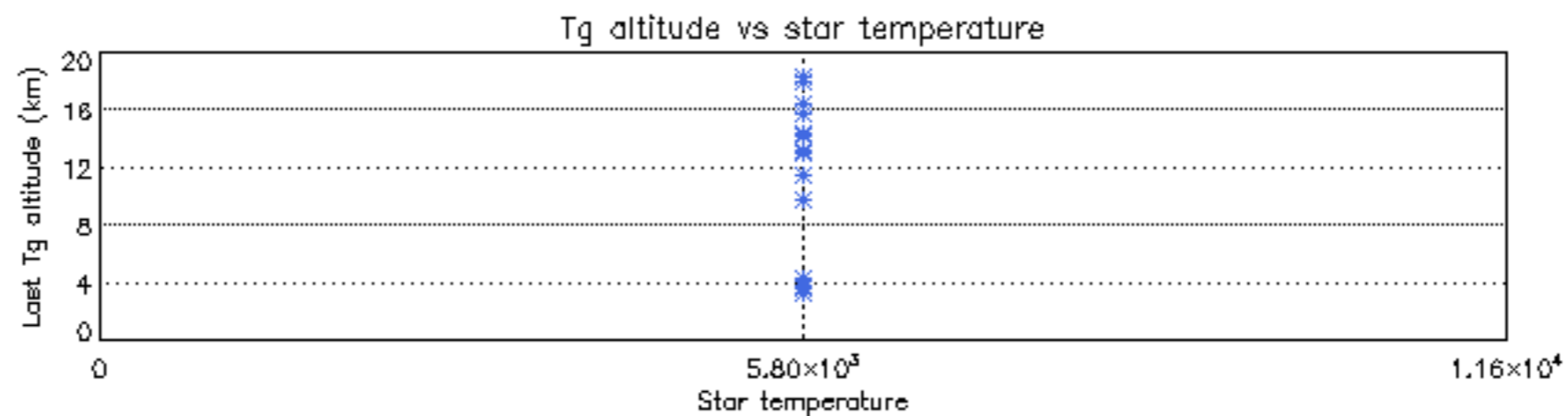
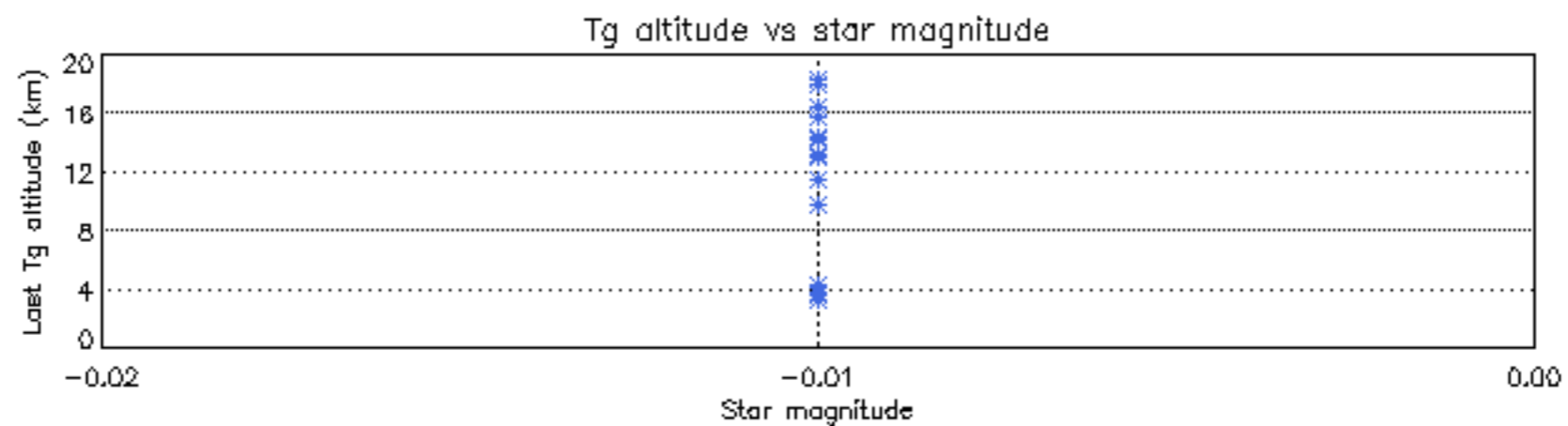
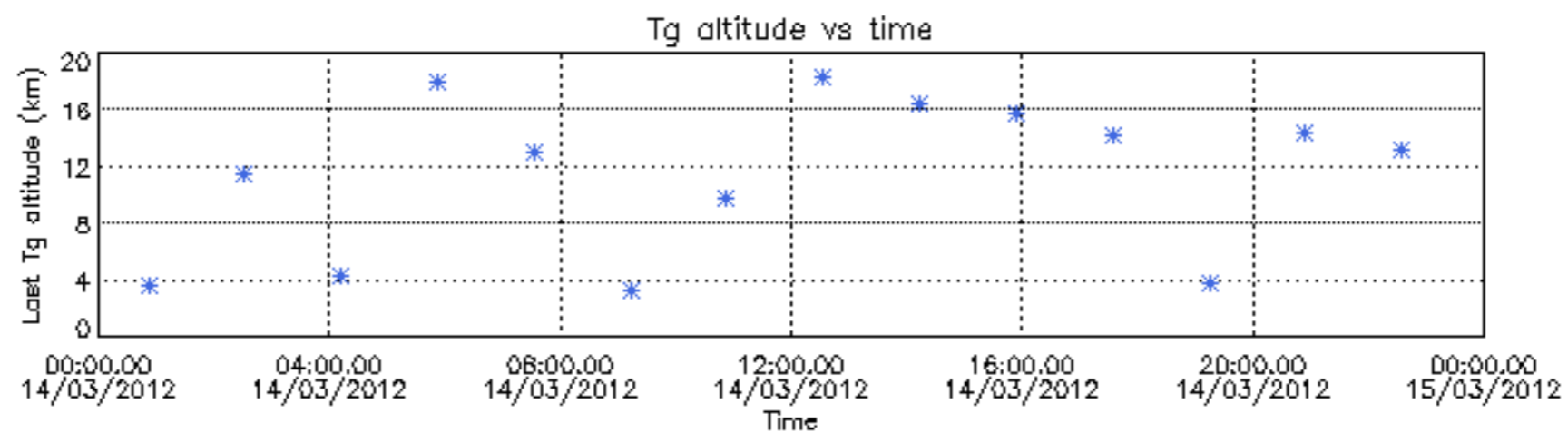


Percentage of saturation errors per profile

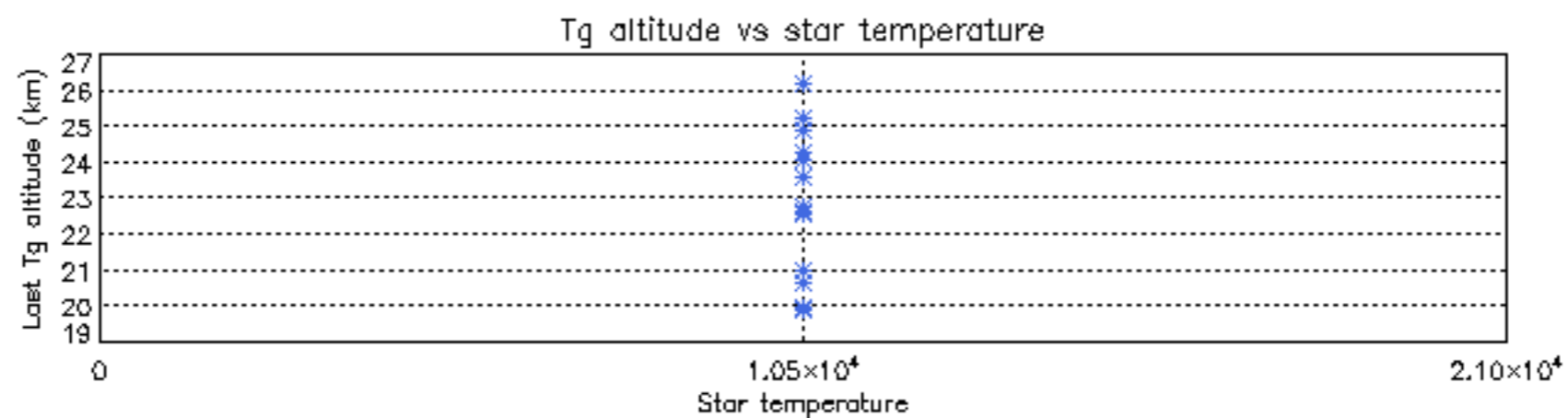
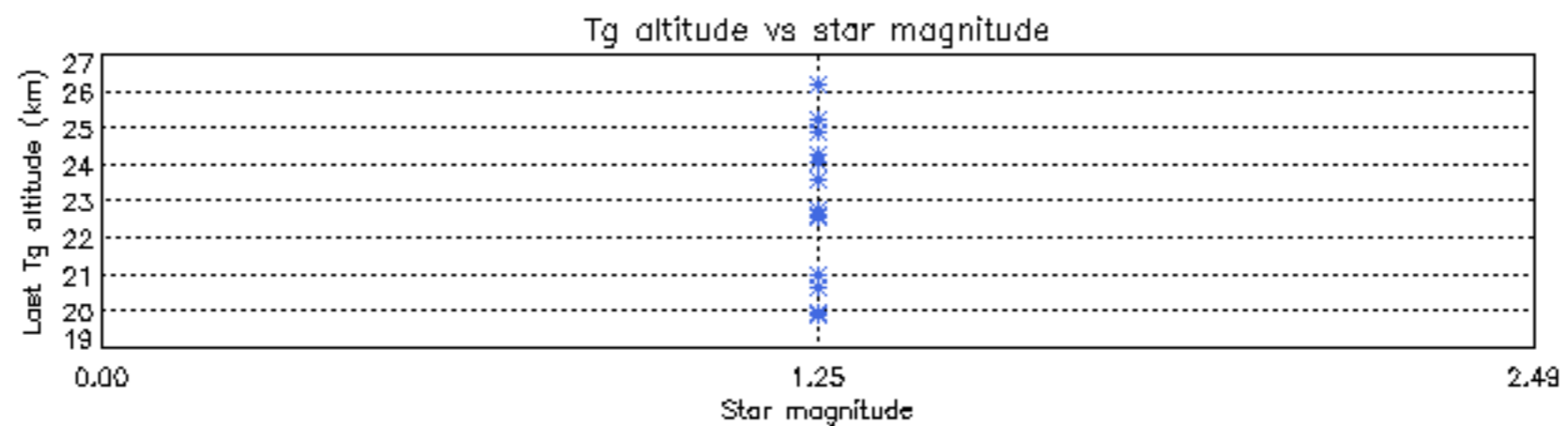
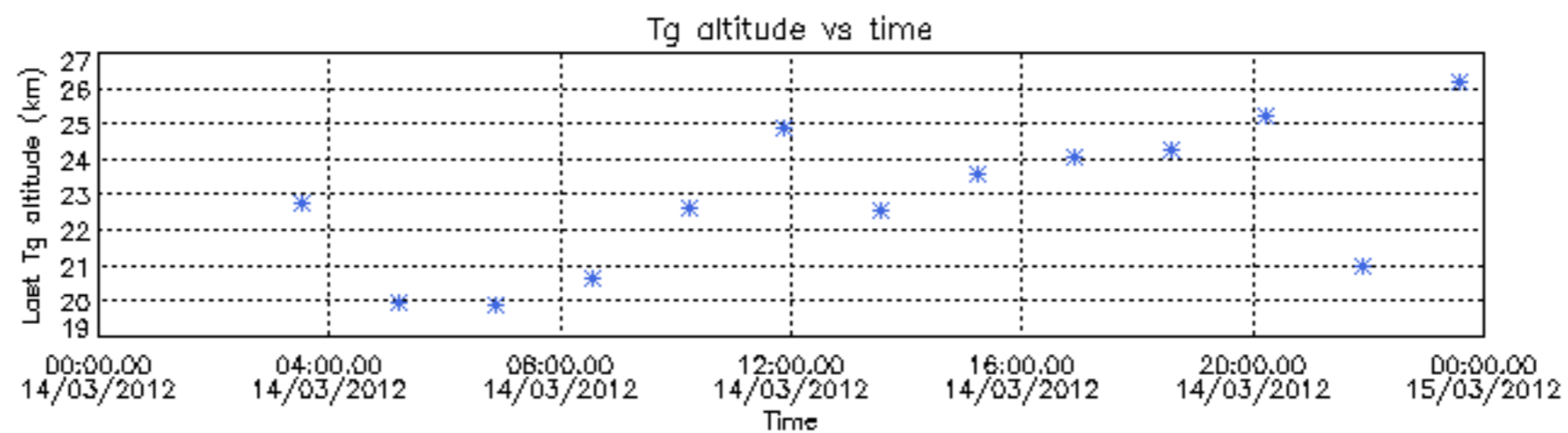


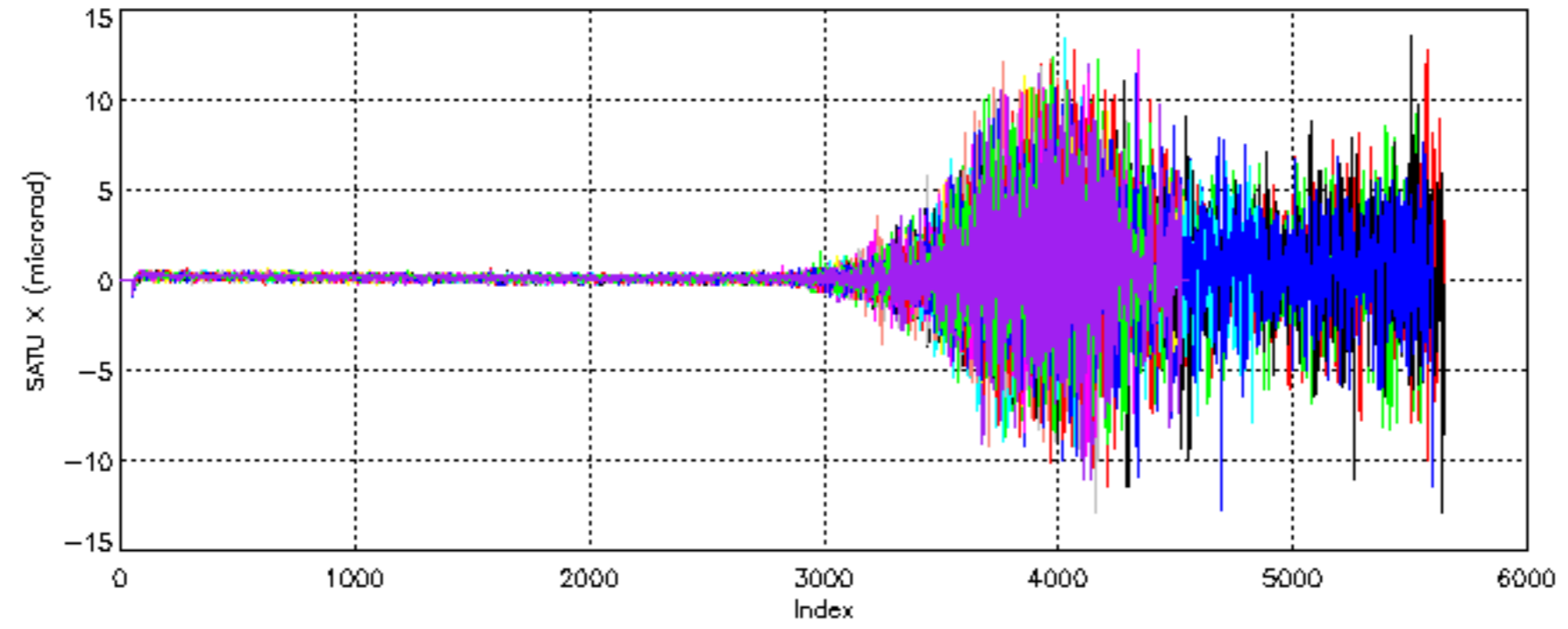


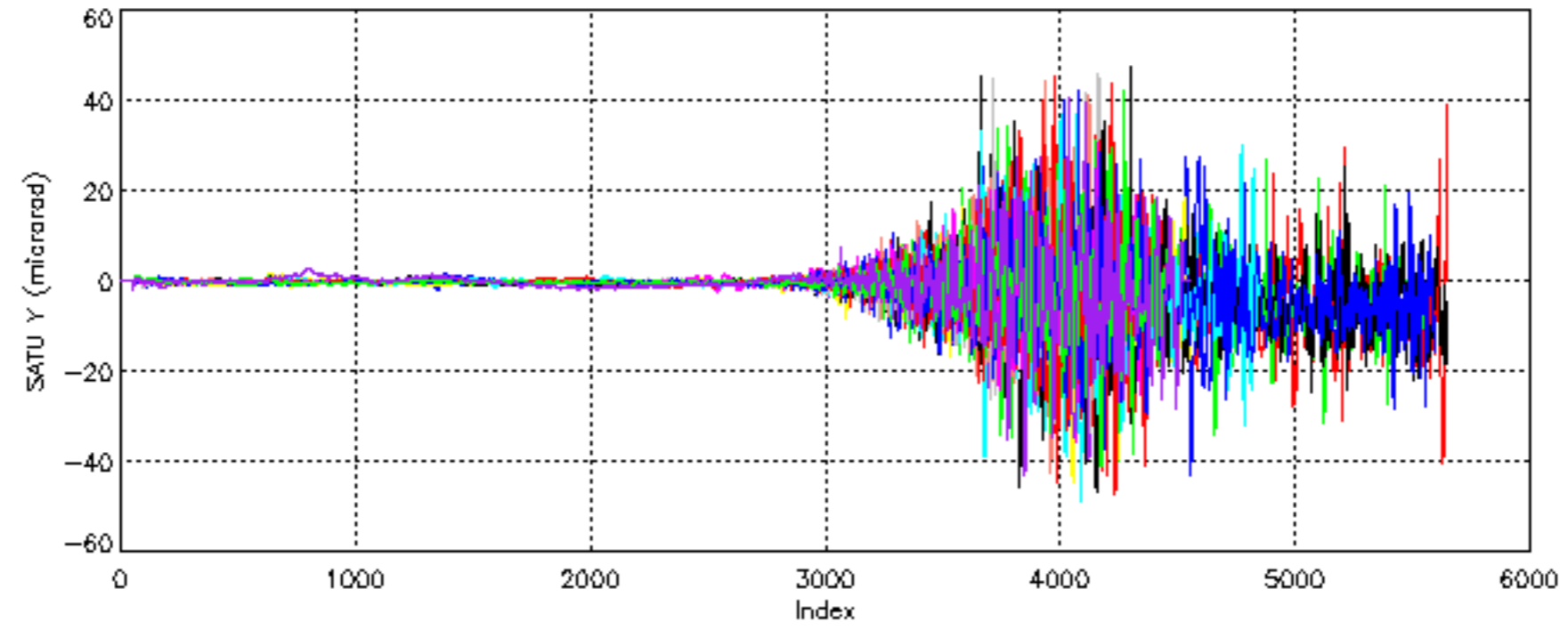
Tangent altitude at which the star is lost

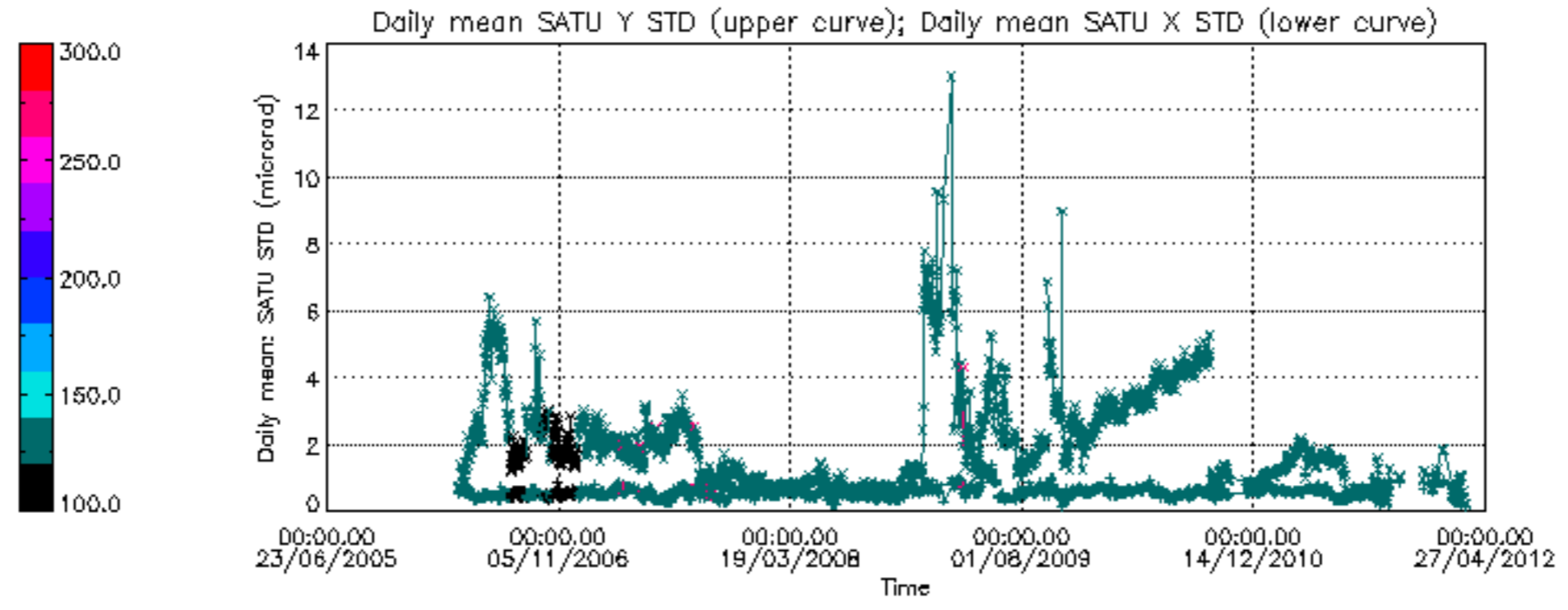


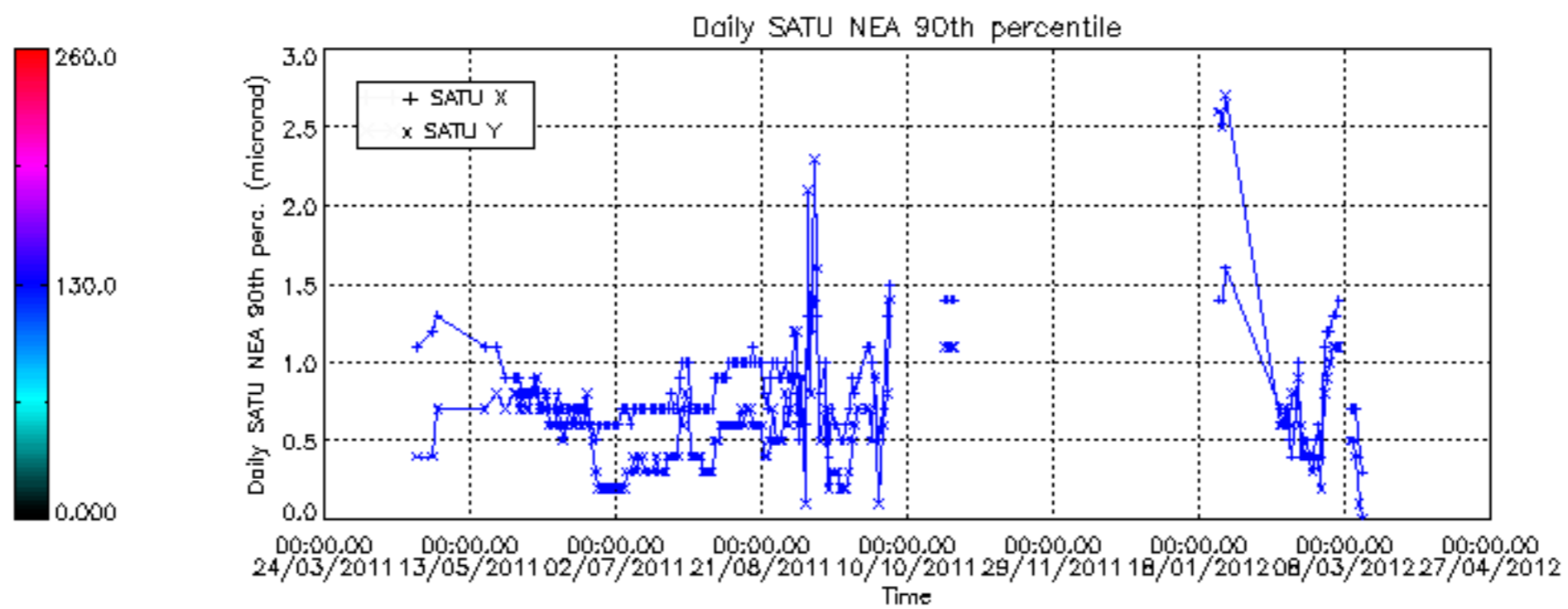
Tangent altitude at which the star is lost











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1; 521.9; 01-MAR-2012 00:26:53; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;52315

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1; -13.1; 01-MAR-2012 22:00:59; Dark ; 42.5; 147; Alp Ara ; 2.88; 26000;occ; 85; 0;52327  
2; 529.6; 01-MAR-2012 22:10:02; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;52328  
3; 4193.8; 01-MAR-2012 23:11:06; Bright; 36.0; 144; 18Del Cyg ; 2.86; 11000;occ; 72; 0;52328

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1; -12.4; 01-MAR-2012 23:41:14; Dark ; 41.5; 147; Alp Ara ; 2.88; 26000;occ; 83; 0;52328  
2; 530.1; 01-MAR-2012 23:50:16; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52329  
3; 4193.8; 02-MAR-2012 00:51:20; Bright; 35.5; 144; 18Del Cyg ; 2.86; 11000;occ; 71; 0;52329

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2; -18.6; 01-MAR-2012 06:58:48; Dark ; 41.0; 147; Alp Ara ; 2.88; 26000;occ; 82; 0;52318  
3; 524.8; 01-MAR-2012 07:07:52; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52319

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2; -17.3; 01-MAR-2012 08:39:04; Dark ; 40.0; 147; Alp Ara ; 2.88; 26000;occ; 80; 0;52319  
3; 526.1; 01-MAR-2012 08:48:07; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52320

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2; -17.0; 01-MAR-2012 11:59:32; Dark ; 41.0; 147; Alp Ara ; 2.88; 26000;occ; 82; 0;52321  
3; 526.3; 01-MAR-2012 12:08:35; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;52322

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2; -16.2; 01-MAR-2012 13:39:46; Dark ; 40.5; 147; Alp Ara ; 2.88; 26000;occ; 81; 0;52322  
3; 526.6; 01-MAR-2012 13:48:49; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52323

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2; -15.8; 01-MAR-2012 15:20:01; Dark ; 41.0; 147; Alp Ara ; 2.88; 26000;occ; 82; 0;52323  
3; 527.2; 01-MAR-2012 15:29:04; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52324

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2; -15.0; 01-MAR-2012 17:00:16; Dark ; 41.5; 147; Alp Ara ; 2.88; 26000;occ; 83; 0;52324  
3; 527.8; 01-MAR-2012 17:09:18; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;52325

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2; -14.3; 01-MAR-2012 18:40:30; Dark ; 39.5; 147; Alp Ara ; 2.88; 26000;occ; 79; 0;52325  
3; 528.3; 01-MAR-2012 18:49:33; Dark ; 52.5; 10; Bet Cen ; 0.61; 28000;occ; 105; 0;52326

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2; -13.7; 01-MAR-2012 20:20:45; Dark ; 41.0; 147; Alp Ara ; 2.88; 26000;occ; 82; 0;52326  
3; 529.0; 01-MAR-2012 20:29:48; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;52327

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2; 530.7; 02-MAR-2012 01:30:31; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;52330  
3; 5493.0; 02-MAR-2012 02:53:13; Dark ; 44.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 89; 0;52330  
4; 6003.0; 02-MAR-2012 03:01:43; Dark ; 40.0; 147; Alp Ara ; 2.88; 26000;occ; 80; 0;52330  
5; 6545.3; 02-MAR-2012 03:10:45; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52331

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2; -10.3; 02-MAR-2012 04:41:58; Dark ; 41.5; 147; Alp Ara ; 2.88; 26000;occ; 83; 0;52331  
3; 532.0; 02-MAR-2012 04:51:00; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;52332

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2; -9.7; 02-MAR-2012 06:22:12; Dark ; 40.5; 147; Alp Ara ; 2.88; 26000;occ; 81; 0;52332  
3; 532.6; 02-MAR-2012 06:31:15; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;52333

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2; -3.6; 02-MAR-2012 21:24:24; Dark ; 28.5; 147; Alp Ara ; 2.88; 26000;occ; 57; 0;52341

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2; -3.3; 02-MAR-2012 23:04:39; Dark ; 25.5; 147; Alp Ara ; 2.88; 26000;occ; 51; 0;52342

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2; -9.0; 02-MAR-2012 08:02:27; Dark ; 39.0; 147; Alp Ara ; 2.88; 26000;occ; 78; 0;52333  
3; 533.1; 02-MAR-2012 08:11:29; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52334

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2; -8.4; 02-MAR-2012 09:42:42; Dark ; 41.0; 147; Alp Ara ; 2.88; 26000;occ; 82; 0;52334  
3; 533.6; 02-MAR-2012 09:51:44; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;52335  
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2; -7.6; 02-MAR-2012 11:22:56; Dark ; 41.5; 147; Alp Ara ; 2.88; 26000;occ; 83; 0;52335  
3; 534.1; 02-MAR-2012 11:31:58; Dark ; 52.0; 10; Bet Cen ; 0.61; 28000;occ; 104; 0;52336  
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2; -7.0; 02-MAR-2012 13:03:11; Dark ; 41.0; 147; Alp Ara ; 2.88; 26000;occ; 82; 0;52336  
3; 534.7; 02-MAR-2012 13:12:12; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;52337  
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2; -6.3; 02-MAR-2012 14:43:25; Dark ; 40.0; 147; Alp Ara ; 2.88; 26000;occ; 80; 0;52337  
3; 536.9; 02-MAR-2012 14:52:29; Dark ; 39.5; 10; Bet Cen ; 0.61; 28000;occ; 79; 0;52338  
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2; -5.0; 02-MAR-2012 18:03:55; Dark ; 34.5; 147; Alp Ara ; 2.88; 26000;occ; 69; 0;52339  
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2; 4279.7; 11-MAR-2012 02:02:59; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;52459  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120311\_023411\_00000433112\_00291\_52460\_6734.N1  
1; 138.2; 11-MAR-2012 02:34:11; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;52460  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120311\_034312\_000019233112\_00291\_52460\_6735.N1  
1;-1734.2; 11-MAR-2012 03:43:12; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;52460  
2; 139.0; 11-MAR-2012 04:14:26; Dark ; 50.5; 141; Bet Ara ; 2.84; 4600;occ; 101; 0;52461  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120311\_052327\_000019183112\_00292\_52461\_6736.N1  
1;-1734.0; 11-MAR-2012 05:23:27; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;52461  
2; 139.6; 11-MAR-2012 05:54:40; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;52462  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120311\_213140\_00000383112\_00302\_52471\_6737.N1  
1; 2234.4; 11-MAR-2012 21:31:40; Bright; 38.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 77; 0;52471  
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1; 146.0; 11-MAR-2012 22:37:06; Dark ; 51.5; 141; Bet Ara ; 2.84; 4600;occ; 103; 0;52472  
2; 2234.3; 11-MAR-2012 23:11:54; Bright; 38.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 76; 0;52472  
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1;-1733.9; 11-MAR-2012 07:03:41; Bright; 35.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 71; 0;52462  
2; 140.4; 11-MAR-2012 07:34:55; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;52463  
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1;-1733.8; 11-MAR-2012 08:43:55; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;52463  
2; 141.0; 11-MAR-2012 09:15:10; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;52464  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120311\_102409\_000019163112\_00295\_52464\_5780.N1  
1;-1733.7; 11-MAR-2012 10:24:09; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;52464  
2; 141.5; 11-MAR-2012 10:55:24; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;52465  
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1; 2234.9; 11-MAR-2012 11:30:17; Bright; 30.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 60; 0;52465  
2; 4280.2; 11-MAR-2012 12:04:23; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;52465  
3; 6156.1; 11-MAR-2012 12:35:39; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;52466  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120311\_131031\_000039633112\_00297\_52466\_5782.N1  
1; 2234.7; 11-MAR-2012 13:10:31; Bright; 36.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 72; 0;52466  
2; 4280.3; 11-MAR-2012 13:44:37; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;52466  
3; 6156.9; 11-MAR-2012 14:15:53; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;52467  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120311\_145045\_000039643112\_00298\_52467\_5783.N1  
1; 2234.7; 11-MAR-2012 14:50:45; Bright; 42.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 84; 0;52467  
2; 4280.5; 11-MAR-2012 15:24:51; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;52467  
3; 6157.5; 11-MAR-2012 15:56:08; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;52468  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120311\_163059\_000039663112\_00299\_52468\_5784.N1  
1; 2234.7; 11-MAR-2012 16:30:59; Bright; 38.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 77; 0;52468  
2; 4280.4; 11-MAR-2012 17:05:05; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;52468  
3; 6158.2; 11-MAR-2012 17:36:22; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;52469  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120311\_181113\_000039683112\_00300\_52469\_5785.N1  
1; 2234.6; 11-MAR-2012 18:11:13; Bright; 39.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 79; 0;52469  
2; 4280.4; 11-MAR-2012 18:45:19; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;52469  
3; 6158.8; 11-MAR-2012 19:16:37; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;52470  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120311\_195127\_000039663112\_00301\_52470\_5786.N1  
1; 2234.4; 11-MAR-2012 19:51:27; Bright; 39.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 78; 0;52470  
2; 4280.5; 11-MAR-2012 20:25:33; Bright; 30.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 60; 0;52470  
3; 6159.3; 11-MAR-2012 20:56:51; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;52471  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120312\_001720\_000021253112\_00304\_52473\_6739.N1  
1; 146.7; 12-MAR-2012 00:17:20; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;52473  
2; 2234.3; 12-MAR-2012 00:52:08; Bright; 38.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 76; 0;52473  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120312\_015735\_000021253112\_00305\_52474\_6740.N1  
1; 147.4; 12-MAR-2012 01:57:35; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;52474

2; 2234.2; 12-MAR-2012 02:32:22; Bright; 39.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 78; 0;52474  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120312\_033750\_000021253112\_00306\_52475\_6741.N1  
1; 148.2; 12-MAR-2012 03:37:50; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;52475  
2; 2234.2; 12-MAR-2012 04:12:36; Bright; 39.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 78; 0;52475  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120312\_051804\_000021243112\_00307\_52476\_6742.N1  
1; 148.6; 12-MAR-2012 05:18:04; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;52476  
2; 2234.2; 12-MAR-2012 05:52:50; Bright; 39.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 78; 0;52476  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120312\_220030\_00000423112\_00317\_52486\_6743.N1  
1; 155.4; 12-MAR-2012 22:00:30; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;52486  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120312\_234045\_00000403112\_00318\_52487\_6744.N1  
1; 156.1; 12-MAR-2012 23:40:45; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;52487  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_065819\_00000423112\_00308\_52477\_5787.N1  
1; 149.4; 12-MAR-2012 06:58:19; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;52477  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_083833\_00000433112\_00309\_52478\_5788.N1  
1; 149.9; 12-MAR-2012 08:38:33; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;52478  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_101848\_00000433112\_00310\_52479\_5789.N1  
1; 150.9; 12-MAR-2012 10:18:48; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;52479  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_115903\_00000393112\_00311\_52480\_5790.N1  
1; 151.4; 12-MAR-2012 11:59:03; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;52480  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_133917\_00000413112\_00312\_52481\_5791.N1  
1; 152.2; 12-MAR-2012 13:39:17; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;52481  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_151932\_00000423112\_00313\_52482\_5792.N1  
1; 152.7; 12-MAR-2012 15:19:32; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;52482  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_165946\_00000413112\_00314\_52483\_5793.N1  
1; 153.4; 12-MAR-2012 16:59:46; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;52483  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_184001\_00000433112\_00315\_52484\_5794.N1  
1; 154.1; 12-MAR-2012 18:40:01; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;52484  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120312\_202016\_00000443112\_00316\_52485\_5795.N1  
1; 154.8; 12-MAR-2012 20:20:16; Dark ; 45.0; 141; Bet Ara ; 2.84; 4600;occ; 90; 0;52485  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120313\_012059\_0000060563112\_00319\_52488\_6745.N1  
1; 156.7; 13-MAR-2012 01:20:59; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;52488  
2; 6171.4; 13-MAR-2012 03:01:14; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;52489  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120313\_044128\_00000393112\_00321\_52490\_6746.N1  
1; 158.0; 13-MAR-2012 04:41:28; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;52490  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120313\_062143\_00000373112\_00322\_52491\_6747.N1  
1; 158.5; 13-MAR-2012 06:21:43; Dark ; 37.5; 141; Bet Ara ; 2.84; 4600;occ; 75; 0;52491  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120313\_212555\_000003093112\_00331\_52500\_6748.N1  
1; 285.4; 13-MAR-2012 21:25:55; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52500  
2; 550.0; 13-MAR-2012 21:30:20; Dark ; 45.0; 4; Alp1Cen ;-0.01; 5800;occ; 90; 0;52500  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120313\_230610\_000003133112\_00332\_52501\_6749.N1  
1; 286.1; 13-MAR-2012 23:06:10; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52501  
2; 550.5; 13-MAR-2012 23:10:34; Dark ; 49.5; 4; Alp1Cen ;-0.01; 5800;occ; 99; 0;52501  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120313\_080158\_00000363112\_00323\_52492\_5796.N1  
1; 159.2; 13-MAR-2012 08:01:58; Dark ; 36.5; 141; Bet Ara ; 2.84; 4600;occ; 73; 0;52492  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120313\_112428\_000003123112\_00325\_52494\_5797.N1  
1; 281.7; 13-MAR-2012 11:24:28; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52494  
2; 546.9; 13-MAR-2012 11:28:53; Dark ; 47.0; 4; Alp1Cen ;-0.01; 5800;occ; 94; 0;52494  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120313\_130442\_000003063112\_00326\_52495\_5798.N1  
1; 282.4; 13-MAR-2012 13:04:42; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52495  
2; 547.3; 13-MAR-2012 13:09:07; Dark ; 41.5; 4; Alp1Cen ;-0.01; 5800;occ; 83; 0;52495  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120313\_144457\_000003073112\_00327\_52496\_5799.N1  
1; 283.0; 13-MAR-2012 14:44:57; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52496  
2; 548.0; 13-MAR-2012 14:49:22; Dark ; 42.0; 4; Alp1Cen ;-0.01; 5800;occ; 84; 0;52496  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120313\_162512\_000003133112\_00328\_52497\_5800.N1  
1; 283.6; 13-MAR-2012 16:25:12; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52497  
2; 548.5; 13-MAR-2012 16:29:36; Dark ; 49.0; 4; Alp1Cen ;-0.01; 5800;occ; 98; 0;52497  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120313\_180526\_000003083112\_00329\_52498\_5801.N1  
1; 284.2; 13-MAR-2012 18:05:26; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52498  
2; 549.0; 13-MAR-2012 18:09:51; Dark ; 44.0; 4; Alp1Cen ;-0.01; 5800;occ; 88; 0;52498  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120313\_194541\_000003213112\_00330\_52499\_5802.N1  
1; 284.8; 13-MAR-2012 19:45:41; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52499  
2; 549.5; 13-MAR-2012 19:50:05; Dark ; 56.5; 4; Alp1Cen ;-0.01; 5800;occ; 113; 0;52499  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120314\_004624\_000003203112\_00333\_52502\_6750.N1  
1; 286.7; 14-MAR-2012 00:46:24; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52502  
2; 551.0; 14-MAR-2012 00:50:49; Dark ; 56.5; 4; Alp1Cen ;-0.01; 5800;occ; 113; 0;52502  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120314\_022639\_000003113112\_00334\_52503\_6751.N1  
1; 287.3; 14-MAR-2012 02:26:39; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52503  
2; 551.7; 14-MAR-2012 02:31:03; Dark ; 47.0; 4; Alp1Cen ;-0.01; 5800;occ; 94; 0;52503

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1;-1824.7; 14-MAR-2012 03:31:41; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;52503  
2; 287.9; 14-MAR-2012 04:06:53; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52504  
3; 552.4; 14-MAR-2012 04:11:18; Dark ; 55.5; 4; Alp1Cen ;-0.01; 5800;occ; 111; 0;52504  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120314\_051155\_000024193112\_00335\_52504\_6753.N1  
1;-1824.7; 14-MAR-2012 05:11:55; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;52504  
2; 288.5; 14-MAR-2012 05:47:08; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52505  
3; 552.9; 14-MAR-2012 05:51:32; Dark ; 41.5; 4; Alp1Cen ;-0.01; 5800;occ; 83; 0;52505  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120314\_215415\_000000373112\_00345\_52514\_6754.N1  
1;-1824.1; 14-MAR-2012 21:54:15; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;52514  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120314\_222933\_000039303112\_00346\_52515\_6755.N1  
1; 294.7; 14-MAR-2012 22:29:33; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52515  
2; 558.2; 14-MAR-2012 22:33:57; Dark ; 45.5; 4; Alp1Cen ;-0.01; 5800;occ; 91; 0;52515  
3; 4189.9; 14-MAR-2012 23:34:29; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;52515  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_065209\_000024233112\_00336\_52505\_5803.N1  
1;-1824.4; 14-MAR-2012 06:52:09; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;52505  
2; 289.1; 14-MAR-2012 07:27:22; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52506  
3; 553.4; 14-MAR-2012 07:31:47; Dark ; 45.5; 4; Alp1Cen ;-0.01; 5800;occ; 91; 0;52506  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_083223\_000024343112\_00337\_52506\_5804.N1  
1;-1824.4; 14-MAR-2012 08:32:23; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;52506  
2; 289.7; 14-MAR-2012 09:07:37; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52507  
3; 554.0; 14-MAR-2012 09:12:01; Dark ; 56.5; 4; Alp1Cen ;-0.01; 5800;occ; 113; 0;52507  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_101237\_000024273112\_00338\_52507\_5805.N1  
1;-1824.3; 14-MAR-2012 10:12:37; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;52507  
2; 290.4; 14-MAR-2012 10:47:51; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52508  
3; 554.5; 14-MAR-2012 10:52:16; Dark ; 48.5; 4; Alp1Cen ;-0.01; 5800;occ; 97; 0;52508  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_115251\_000024203112\_00339\_52508\_5806.N1  
1;-1824.3; 14-MAR-2012 11:52:51; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;52508  
2; 291.0; 14-MAR-2012 12:28:06; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52509  
3; 555.1; 14-MAR-2012 12:32:30; Dark ; 41.5; 4; Alp1Cen ;-0.01; 5800;occ; 83; 0;52509  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_133305\_000024223112\_00340\_52509\_5807.N1  
1;-1824.2; 14-MAR-2012 13:33:05; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;52509  
2; 291.6; 14-MAR-2012 14:08:20; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52510  
3; 555.7; 14-MAR-2012 14:12:45; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;52510  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_151319\_000024233112\_00341\_52510\_5808.N1  
1;-1824.1; 14-MAR-2012 15:13:19; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;52510  
2; 292.2; 14-MAR-2012 15:48:35; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52511  
3; 556.2; 14-MAR-2012 15:52:59; Dark ; 43.5; 4; Alp1Cen ;-0.01; 5800;occ; 87; 0;52511  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_165333\_000024253112\_00342\_52511\_5809.N1  
1;-1824.3; 14-MAR-2012 16:53:33; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;52511  
2; 292.8; 14-MAR-2012 17:28:50; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52512  
3; 556.7; 14-MAR-2012 17:33:14; Dark ; 44.5; 4; Alp1Cen ;-0.01; 5800;occ; 89; 0;52512  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_183346\_000024373112\_00343\_52512\_5810.N1  
1;-1824.3; 14-MAR-2012 18:33:46; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;52512  
2; 293.5; 14-MAR-2012 19:09:04; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52513  
3; 557.2; 14-MAR-2012 19:13:28; Dark ; 56.0; 4; Alp1Cen ;-0.01; 5800;occ; 112; 0;52513  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120314\_201401\_000024263112\_00344\_52513\_5811.N1  
1;-1824.2; 14-MAR-2012 20:14:01; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;52513  
2; 294.1; 14-MAR-2012 20:49:19; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52514  
3; 557.7; 14-MAR-2012 20:53:42; Dark ; 44.5; 4; Alp1Cen ;-0.01; 5800;occ; 89; 0;52514  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120315\_000948\_000039323112\_00347\_52516\_6756.N1  
1; 295.3; 15-MAR-2012 00:09:48; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;52516  
2; 558.7; 15-MAR-2012 00:14:11; Dark ; 45.0; 4; Alp1Cen ;-0.01; 5800;occ; 90; 0;52516  
3; 4190.0; 15-MAR-2012 01:14:42; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;52516  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120315\_015002\_000003093112\_00348\_52517\_6757.N1  
1; 296.0; 15-MAR-2012 01:50:02; Dark ; 57.5; 0; ; 0.00; 0;occ; 115; 0;52517  
2; 559.3; 15-MAR-2012 01:54:26; Dark ; 46.5; 4; Alp1Cen ;-0.01; 5800;occ; 93; 0;52517  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120315\_025456\_000024323112\_00348\_52517\_6758.N1  
1;-1824.0; 15-MAR-2012 02:54:56; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;52517  
2; 296.6; 15-MAR-2012 03:30:17; Dark ; 56.5; 0; ; 0.00; 0;occ; 113; 0;52518  
3; 560.0; 15-MAR-2012 03:34:40; Dark ; 48.5; 4; Alp1Cen ;-0.01; 5800;occ; 97; 0;52518  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120315\_043510\_000024403112\_00349\_52518\_6759.N1  
1;-1823.9; 15-MAR-2012 04:35:10; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;52518  
2; 297.2; 15-MAR-2012 05:10:31; Dark ; 56.5; 0; ; 0.00; 0;occ; 113; 0;52519  
3; 560.5; 15-MAR-2012 05:14:55; Dark ; 56.5; 4; Alp1Cen ;-0.01; 5800;occ; 113; 0;52519  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120315\_212049\_000000343112\_00359\_52528\_6760.N1  
1;-1625.0; 15-MAR-2012 21:20:49; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;52528  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120315\_215720\_000038583112\_00360\_52529\_6761.N1

1; 565.9; 15-MAR-2012 21:57:20; Dark ; 45.5; 4; Alp1Cen ; -0.01; 5800;occ; 91; 0;52529  
2; 4389.0; 15-MAR-2012 23:01:03; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;52529  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120315\_233734\_000038593112\_00361\_52530\_6762.N1  
1; 566.4; 15-MAR-2012 23:37:34; Dark ; 54.5; 4; Alp1Cen ; -0.01; 5800;occ; 109; 0;52530  
2; 4389.1; 16-MAR-2012 00:41:17; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;52530  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_061524\_000024283112\_00350\_52519\_5812.N1  
1; -1823.8; 15-MAR-2012 06:15:24; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;52519  
2; 297.7; 15-MAR-2012 06:50:46; Dark ; 55.5; 0; ; 0.00; 0;occ; 111; 0;52520  
3; 561.1; 15-MAR-2012 06:55:09; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;52520  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_075539\_000024413112\_00351\_52520\_5813.N1  
1; -1823.7; 15-MAR-2012 07:55:39; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;52520  
2; 298.3; 15-MAR-2012 08:31:01; Dark ; 54.5; 0; ; 0.00; 0;occ; 109; 0;52521  
3; 561.7; 15-MAR-2012 08:35:24; Dark ; 56.5; 4; Alp1Cen ; -0.01; 5800;occ; 113; 0;52521  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_093553\_000024303112\_00352\_52521\_5814.N1  
1; -1823.6; 15-MAR-2012 09:35:53; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;52521  
2; 298.9; 15-MAR-2012 10:11:15; Dark ; 54.5; 0; ; 0.00; 0;occ; 109; 0;52522  
3; 562.2; 15-MAR-2012 10:15:38; Dark ; 45.0; 4; Alp1Cen ; -0.01; 5800;occ; 90; 0;52522  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_111606\_000024393112\_00353\_52522\_5815.N1  
1; -1823.7; 15-MAR-2012 11:16:06; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;52522  
2; 562.9; 15-MAR-2012 11:55:53; Dark ; 53.0; 4; Alp1Cen ; -0.01; 5800;occ; 106; 0;52523  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_125620\_000024283112\_00354\_52523\_5816.N1  
1; -1823.5; 15-MAR-2012 12:56:20; Bright; 34.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 68; 0;52523  
2; 563.3; 15-MAR-2012 13:36:07; Dark ; 41.5; 4; Alp1Cen ; -0.01; 5800;occ; 83; 0;52524  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_151622\_000000423112\_00356\_52525\_5817.N1  
1; 563.8; 15-MAR-2012 15:16:22; Dark ; 42.5; 4; Alp1Cen ; -0.01; 5800;occ; 85; 0;52525  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_165636\_000000433112\_00357\_52526\_5818.N1  
1; 564.4; 15-MAR-2012 16:56:36; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;52526  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_183651\_000000493112\_00358\_52527\_5819.N1  
1; 564.9; 15-MAR-2012 18:36:51; Dark ; 50.0; 4; Alp1Cen ; -0.01; 5800;occ; 100; 0;52527  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120315\_194035\_000022433112\_00358\_52527\_5820.N1  
1; -1625.1; 15-MAR-2012 19:40:35; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;52527  
2; 565.4; 15-MAR-2012 20:17:05; Dark ; 53.0; 4; Alp1Cen ; -0.01; 5800;occ; 106; 0;52528  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120316\_011750\_000038743112\_00362\_52531\_6763.N1  
1; 568.0; 16-MAR-2012 01:17:50; Dark ; 45.0; 4; Alp1Cen ; -0.01; 5800;occ; 90; 0;52531  
2; 4389.3; 16-MAR-2012 02:21:31; Bright; 53.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 107; 0;52531  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120316\_040145\_000000353112\_00363\_52532\_6764.N1  
1; -1624.5; 16-MAR-2012 04:01:45; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;52532  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120316\_054159\_000000363112\_00364\_52533\_6765.N1  
1; -1624.4; 16-MAR-2012 05:41:59; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;52533  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120316\_222420\_000000333112\_00374\_52543\_6767.N1  
1; -1623.1; 16-MAR-2012 22:24:20; Bright; 33.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 67; 0;52543  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_072213\_000000533112\_00365\_52534\_5821.N1  
1; -1624.4; 16-MAR-2012 07:22:13; Bright; 53.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 107; 0;52534  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_090227\_000000383112\_00366\_52535\_5822.N1  
1; -1624.2; 16-MAR-2012 09:02:27; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;52535  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_104241\_000000363112\_00367\_52536\_5823.N1  
1; -1624.0; 16-MAR-2012 10:42:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;52536  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_122255\_000000353112\_00368\_52537\_5824.N1  
1; -1623.8; 16-MAR-2012 12:22:55; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;52537  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_140309\_000000373112\_00369\_52538\_5827.N1  
1; -1623.7; 16-MAR-2012 14:03:09; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;52538  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_154323\_000000353112\_00370\_52539\_5828.N1  
1; -1623.6; 16-MAR-2012 15:43:23; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;52539  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_172338\_000000353112\_00371\_52540\_5829.N1  
1; -1623.5; 16-MAR-2012 17:23:38; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;52540  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120316\_190352\_000000383112\_00372\_52541\_5830.N1  
1; -1623.4; 16-MAR-2012 19:03:52; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;52541  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120318\_201337\_000000363112\_00402\_52571\_6768.N1  
1; 957.0; 18-MAR-2012 20:13:37; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 16;52571  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120318\_213050\_000014183112\_00402\_52571\_6769.N1  
1; -423.7; 18-MAR-2012 21:30:50; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52571  
2; 949.3; 18-MAR-2012 21:53:43; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;52572  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120318\_231104\_000014163112\_00403\_52572\_6770.N1  
1; -423.1; 18-MAR-2012 23:11:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52572  
2; 949.7; 18-MAR-2012 23:33:57; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;52573  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_083148\_000000403112\_00395\_52564\_5831.N1  
1; 946.4; 18-MAR-2012 08:31:48; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;52564  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_094908\_000014153112\_00395\_52564\_5832.N1

1; -427.8; 18-MAR-2012 09:49:08; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52564  
2; 946.6; 18-MAR-2012 10:12:02; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;52565  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_112922\_000014163112\_00396\_52565\_5833.N1  
1; -427.2; 18-MAR-2012 11:29:22; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52565  
2; 946.9; 18-MAR-2012 11:52:17; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;52566  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_130937\_000014133112\_00397\_52566\_5834.N1  
1; -426.7; 18-MAR-2012 13:09:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52566  
2; 947.4; 18-MAR-2012 13:32:31; Dark ; 39.0; 64; Gam Cen ; 2.20; 10600;occ; 78; 0;52567  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_144951\_000014133112\_00398\_52567\_5835.N1  
1; -426.1; 18-MAR-2012 14:49:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52567  
2; 947.7; 18-MAR-2012 15:12:45; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;52568  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_163006\_000014143112\_00399\_52568\_5836.N1  
1; -425.5; 18-MAR-2012 16:30:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52568  
2; 948.2; 18-MAR-2012 16:53:00; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;52569  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_181021\_000014143112\_00400\_52569\_5837.N1  
1; -424.9; 18-MAR-2012 18:10:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52569  
2; 948.6; 18-MAR-2012 18:33:14; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;52570  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120318\_195035\_000014183112\_00401\_52570\_5838.N1  
1; -424.3; 18-MAR-2012 19:50:35; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;52570  
2; 949.0; 18-MAR-2012 20:13:29; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;52571  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120319\_011411\_000000413112\_00405\_52574\_6771.N1  
1; 950.1; 19-MAR-2012 01:14:11; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;52574  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120319\_025426\_000000423112\_00406\_52575\_6772.N1  
1; 950.6; 19-MAR-2012 02:54:26; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;52575  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120319\_043440\_000000393112\_00407\_52576\_6773.N1  
1; 950.9; 19-MAR-2012 04:34:40; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;52576  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120319\_061454\_000000423112\_00408\_52577\_6774.N1  
1; 951.4; 19-MAR-2012 06:14:54; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;52577  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120319\_075509\_000000433112\_00409\_52578\_5839.N1  
1; 951.8; 19-MAR-2012 07:55:09; Dark ; 44.0; 64; Gam Cen ; 2.20; 10600;occ; 88; 0;52578  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120322\_214020\_000000373113\_00029\_52629\_6775.N1  
1; 2952.2; 22-MAR-2012 21:40:20; Bright; 37.5; 36; 50Alp UMA ; 1.80; 6300;occ; 75; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120322\_232034\_000000353113\_00030\_52630\_6776.N1  
1; 2952.1; 22-MAR-2012 23:20:34; Bright; 36.0; 36; 50Alp UMA ; 1.80; 6300;occ; 72; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120322\_163939\_000000373113\_00026\_52626\_5840.N1  
1; 2952.6; 22-MAR-2012 16:39:39; Bright; 37.5; 36; 50Alp UMA ; 1.80; 6300;occ; 75; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120322\_181952\_000000363113\_00027\_52627\_5841.N1  
1; 2952.5; 22-MAR-2012 18:19:52; Bright; 37.0; 36; 50Alp UMA ; 1.80; 6300;occ; 74; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20120322\_200006\_000000363113\_00028\_52628\_5842.N1  
1; 2952.4; 22-MAR-2012 20:00:06; Bright; 36.5; 36; 50Alp UMA ; 1.80; 6300;occ; 73; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120323\_010048\_000000373113\_00031\_52631\_6777.N1  
1; 2951.9; 23-MAR-2012 01:00:48; Bright; 38.0; 36; 50Alp UMA ; 1.80; 6300;occ; 76; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120323\_024101\_000000353113\_00032\_52632\_6778.N1  
1; 2951.7; 23-MAR-2012 02:41:01; Bright; 35.5; 36; 50Alp UMA ; 1.80; 6300;occ; 71; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120323\_042115\_000000363113\_00033\_52633\_6779.N1  
1; 2951.8; 23-MAR-2012 04:21:15; Bright; 37.0; 36; 50Alp UMA ; 1.80; 6300;occ; 74; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120323\_060129\_000000363113\_00034\_52634\_6780.N1  
1; 2951.6; 23-MAR-2012 06:01:29; Bright; 37.0; 36; 50Alp UMA ; 1.80; 6300;occ; 74; 0; -1  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20120323\_210202\_000001293113\_00043\_52643\_6781.N1  
1; 2859.1; 23-MAR-2012 21:02:02; Bright; 37.5; 82; 48Bet UMA ; 2.37; 10600;occ; 75; 0; -1  
2; 2950.2; 23-MAR-2012 21:03:33; Bright; 38.5; 36; 50Alp UMA ; 1.80; 6300;occ; 77; 0; -1  
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3; 8872.6; 24-MAR-2012 03:42:57; Bright; 37.0; 82; 48Bet UMA ; 2.37; 10600;occ; 74; 0; -1  
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2; 6840.9; 24-MAR-2012 19:51:25; Dark ; 28.5; 77; Eps Cen ; 2.30; 28000;occ; 57; 0; -1  
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2; 3884.7; 26-MAR-2012 02:46:33; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0; -1
3; 6849.7; 26-MAR-2012 03:35:58; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0; -1
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2; 2655.7; 26-MAR-2012 20:48:38; Bright; 36.0; 174; 52Psi UMa ; 3.00; 4400;occ; 72; 0; -1
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2; 2655.6; 26-MAR-2012 22:28:52; Bright; 35.5; 174; 52Psi UMa ; 3.00; 4400;occ; 71; 0; -1
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3; 3884.6; 26-MAR-2012 11:07:43; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0; -1
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3; 3884.5; 26-MAR-2012 12:47:57; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0; -1
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