

GOMOS Daily Report 14-JAN-2005

Level 0 and Level 1 products

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1. General Info

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	16JAN2005 05:02:38

Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START)-1D (14JAN2005 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (15JAN2005 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	50
Nb of prods with errors	0

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

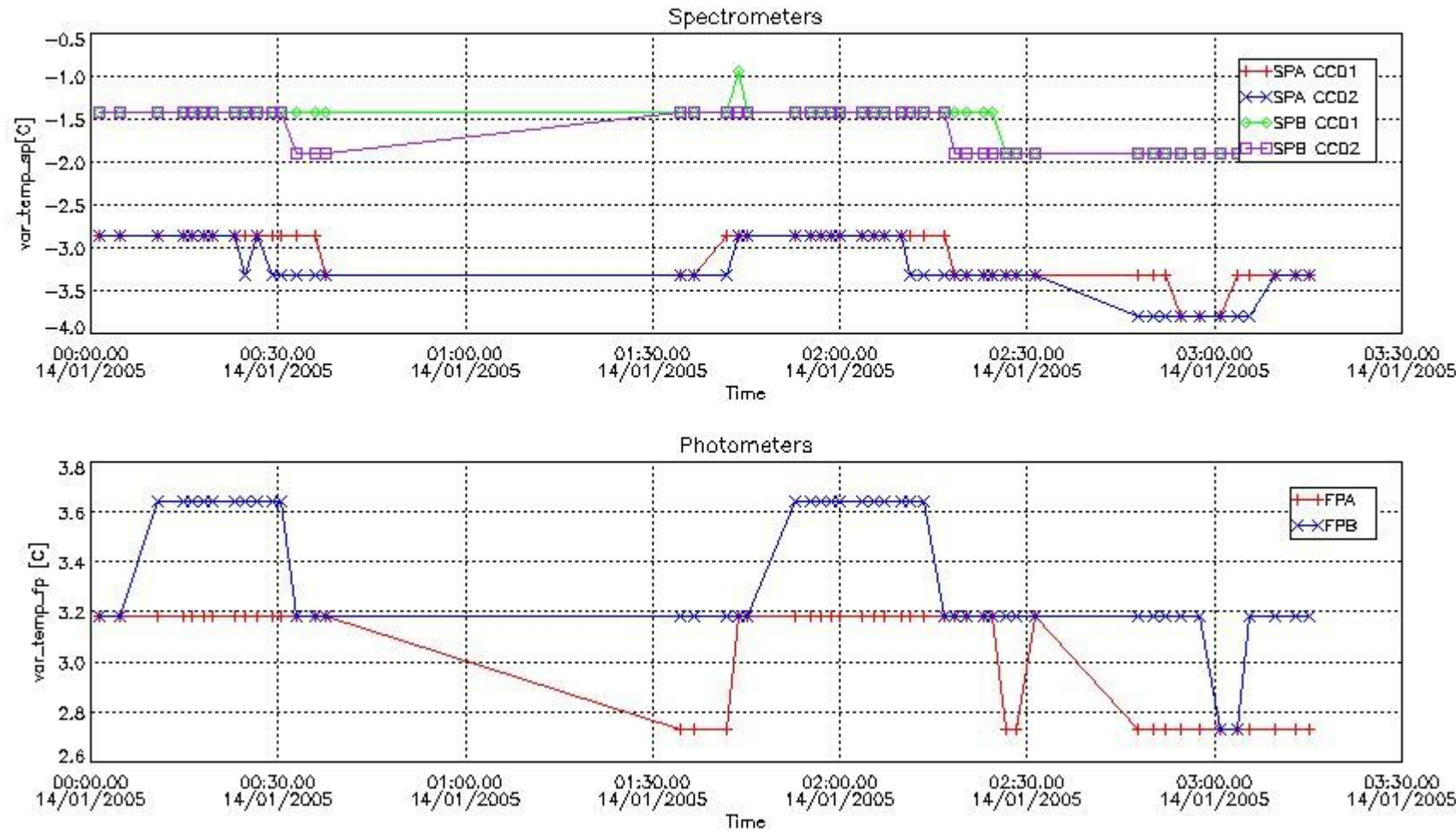
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 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_1PNPDE20050114_000120_000000402033_00445_15028_0002.N1	14-JAN-2005 00:01:20	Twilight	40.000	131	Gam Lup	2.8000	26000.	80	15028	No
2	GOM_TRA_1PNPDE20050114_000433_000000442033_00445_15028_0003.N1	14-JAN-2005 00:04:33	Dark	44.000	78	Alp Lup	2.3040	28000.	88	15028	No
3	GOM_TRA_1PNPDE20050114_001040_000000432033_00446_15029_0004.N1	14-JAN-2005 00:10:40	Dark	43.000	20	Bet Cru	1.2530	30000.	86	15029	No
4	GOM_TRA_1PNPDE20050114_001448_000000422033_00446_15029_0005.N1	14-JAN-2005 00:14:48	Dark	41.500	124	The Car	2.7640	30000.	83	15029	No
5	GOM_TRA_1PNPDE20050114_001613_000000462033_00446_15029_0006.N1	14-JAN-2005 00:16:13	Dark	45.500	29	Bet Car	1.6720	10200.	91	15029	No
6	GOM_TRA_1PNPDE20050114_001806_000000442033_00446_15029_0007.N1	14-JAN-2005 00:18:06	Dark	43.500	71	lot Car	2.2460	7700.0	87	15029	No
7	GOM_TRA_1PNPDE20050114_001923_000000542033_00446_15029_0008.N1	14-JAN-2005 00:19:23	Dark	54.000	41	Eps Car	1.8600	4100.0	108	15029	No
8	GOM_TRA_1PNPDE20050114_002303_000000472033_00446_15029_0009.N1	14-JAN-2005 00:23:03	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	15029	No
9	GOM_TRA_1PNPDE20050114_002450_000000482033_00446_15029_0010.N1	14-JAN-2005 00:24:50	Dark	47.500	70	Zet Pup	2.2460	39000.	95	15029	No
10	GOM_TRA_1PNPDE20050114_002634_000000472033_00446_15029_0011.N1	14-JAN-2005 00:26:34	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	15029	No
11	GOM_TRA_1PNPDE20050114_002909_000000442033_00446_15029_0012.N1	14-JAN-2005 00:29:09	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	15029	No
12	GOM_TRA_1PNPDE20050114_003032_000000462033_00446_15029_0013.N1	14-JAN-2005 00:30:32	Twilight	45.500	179	24Omi2CMa	3.0320	24000.	91	15029	No
13	GOM_TRA_1PNPDE20050114_003249_000000482033_00446_15029_0014.N1	14-JAN-2005 00:32:49	Twilight	47.500	1	9Alp CMa	-1.4400	11000.	95	15029	No
14	GOM_TRA_1PNPDE20050114_003604_000000522033_00446_15029_0015.N1	14-JAN-2005 00:36:04	Bright	51.500	7	19Bet Ori	0.10000	14000.	103	15029	No
15	GOM_TRA_1PNPDE20050114_003743_000000432033_00446_15029_0016.N1	14-JAN-2005 00:37:43	Bright	43.000	30	46Eps Ori	1.6940	30000.	86	15029	No
16	GOM_TRA_1PNPDE20050114_013428_000000492033_00446_15029_0000.N1	14-JAN-2005 01:34:28	Twilight	49.000	104	27Bet Lib	2.6140	13100.	98	15029	No
17	GOM_TRA_1PNPDE20050114_013644_000000512033_00446_15029_0001.N1	14-JAN-2005 01:36:44	Twilight	51.000	16	21Alp Sco	1.0200	3000.0	102	15029	No
18	GOM_TRA_1PNPDE20050114_014156_000000402033_00446_15029_0002.N1	14-JAN-2005 01:41:56	Twilight	39.500	131	Gam Lup	2.8000	26000.	79	15029	No
19	GOM_TRA_1PNPDE20050114_014339_000000422033_00446_15029_0003.N1	14-JAN-2005 01:43:39	Dark	41.500	109	Bet Lup	2.6770	26000.	83	15029	No
20	GOM_TRA_1PNPDE20050114_014510_000000432033_00446_15029_0004.N1	14-JAN-2005 01:45:10	Dark	43.000	78	Alp Lup	2.3040	28000.	86	15029	No
21	GOM_TRA_1PNPDE20050114_015257_000000492033_00447_15030_0005.N1	14-JAN-2005 01:52:57	Dark	48.500	99	Del Cen	2.5750	26000.	97	15030	No
22	GOM_TRA_1PNPDE20050114_015525_000000412033_00447_15030_0006.N1	14-JAN-2005 01:55:25	Dark	41.000	124	The Car	2.7640	30000.	82	15030	No
23	GOM_TRA_1PNPDE20050114_015650_000000402033_00447_15030_0007.N1	14-JAN-2005 01:56:50	Dark	40.000	29	Bet Car	1.6720	10200.	80	15030	No
24	GOM_TRA_1PNPDE20050114_015843_000000472033_00447_15030_0008.N1	14-JAN-2005 01:58:43	Dark	46.500	71	lot Car	2.2460	7700.0	93	15030	No
25	GOM_TRA_1PNPDE20050114_015959_000000472033_00447_15030_0009.N1	14-JAN-2005 01:59:59	Dark	47.000	41	Eps Car	1.8600	4100.0	94	15030	No
26	GOM_TRA_1PNPDE20050114_020339_000000452033_00447_15030_0010.N1	14-JAN-2005 02:03:39	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	15030	No
27	GOM_TRA_1PNPDE20050114_020526_000000472033_00447_15030_0011.N1	14-JAN-2005 02:05:26	Dark	47.000	70	Zet Pup	2.2460	39000.	94	15030	No
28	GOM_TRA_1PNPDE20050114_020710_000000452033_00447_15030_0012.N1	14-JAN-2005 02:07:10	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	15030	No
29	GOM_TRA_1PNPDE20050114_020944_000000462033_00447_15030_0013.N1	14-JAN-2005 02:09:44	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	15030	No
30	GOM_TRA_1PNPDE20050114_021110_000000442033_00447_15030_0014.N1	14-JAN-2005 02:11:10	Twilight	44.000	179	24Omi2CMa	3.0320	24000.	88	15030	No
31	GOM_TRA_1PNPDE20050114_021325_000000492033_00447_15030_0015.N1	14-JAN-2005 02:13:25	Twilight	49.000	1	9Alp CMa	-1.4400	11000.	98	15030	No
32	GOM_TRA_1PNPDE20050114_021640_000000482033_00447_15030_0016.N1	14-JAN-2005 02:16:40	Bright	48.000	7	19Bet Ori	0.10000	14000.	96	15030	No
33	GOM_TRA_1PNPDE20050114_021820_000000462033_00447_15030_0017.N1	14-JAN-2005 02:18:20	Bright	45.500	30	46Eps Ori	1.6940	30000.	91	15030	No
34	GOM_TRA_1PNPDE20050114_022016_000000622033_00447_15030_0018.N1	14-JAN-2005 02:20:16	Bright	62.000	8	10Alp CMi	0.40000	6500.0	124	15030	No
35	GOM_TRA_1PNPDE20050114_022306_000000482033_00447_15030_0019.N1	14-JAN-2005 02:23:06	Bright	47.500	44	24Gam Gem	1.9280	11000.	95	15030	No
36	GOM_TRA_1PNPDE20050114_022431_000000382033_00447_15030_0020.N1	14-JAN-2005 02:24:31	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	15030	No
37	GOM_TRA_1PNPDE20050114_022640_000000402033_00447_15030_0021.N1	14-JAN-2005 02:26:40	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	15030	No
38	GOM_TRA_1PNPDE20050114_022812_000000442033_00447_15030_0022.N1	14-JAN-2005 02:28:12	Bright	43.500	114	3lot Aur	2.6930	4600.0	87	15030	No
39	GOM_TRA_1PNPDE20050114_023108_000000422033_00447_15030_0023.N1	14-JAN-2005 02:31:08	Bright	41.500	42	34Bet Aur	1.9000	10200.	83	15030	No
40	GOM_TRA_1PNPDE20050114_024744_000000422033_00447_15030_0000.N1	14-JAN-2005 02:47:44	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	15030	No
41	GOM_TRA_1PNPDE20050114_025013_000000542033_00447_15030_0001.N1	14-JAN-2005 02:50:13	Bright	53.500	32	77Eps UMa	1.7630	11000.	107	15030	No
42	GOM_TRA_1PNPDE20050114_025201_000000402033_00447_15030_0002.N1	14-JAN-2005 02:52:01	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	15030	No
43	GOM_TRA_1PNPDE20050114_025433_000000392033_00447_15030_0003.N1	14-JAN-2005 02:54:33	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	15030	No
44	GOM_TRA_1PNPDE20050114_025738_000000362033_00447_15030_0004.N1	14-JAN-2005 02:57:38	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	15030	No
45	GOM_TRA_1PNPDE20050114_030049_000000382033_00447_15030_0005.N1	14-JAN-2005 03:00:49	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	15030	No
46	GOM_TRA_1PNPDE20050114_030340_000000572033_00447_15030_0006.N1	14-JAN-2005 03:03:40	Bright	56.500	83		2.3780	11000.	113	15030	No

47	GOM_TRA_1PNPDE20050114_030535_000000382033_00447_15030_0007.N1	14-JAN-2005 03:05:35	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	15030	No
48	GOM_TRA_1PNPDE20050114_030941_000000912033_00447_15030_0008.N1	14-JAN-2005 03:09:41	Twilight	91.000	111	8Eta Boo	2.6800	6000.0	182	15030	No
49	GOM_TRA_1PNPDE20050114_031252_000000392033_00447_15030_0009.N1	14-JAN-2005 03:12:52	Twilight	39.000	98	13Zet Oph	2.5710	30000.	78	15030	No
50	GOM_TRA_1PNPDE20050114_031505_000000512033_00447_15030_0010.N1	14-JAN-2005 03:15:05	Twilight	50.500	104	27Bet Lib	2.6140	13100.	101	15030	No

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



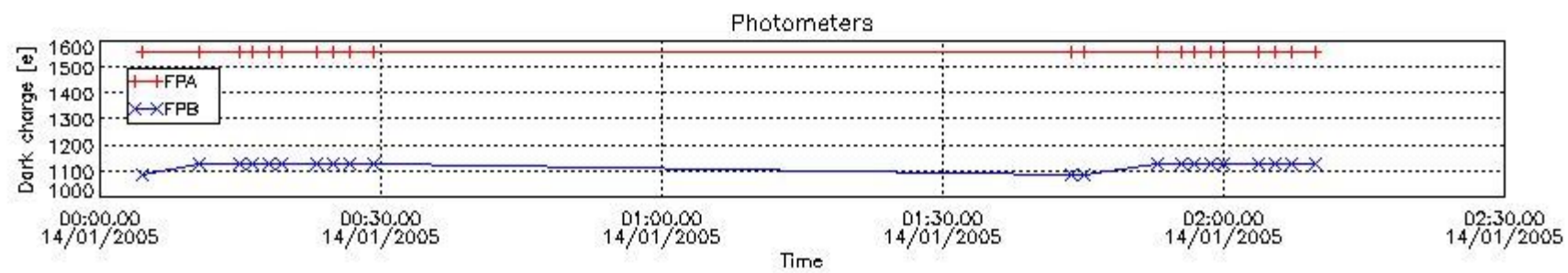
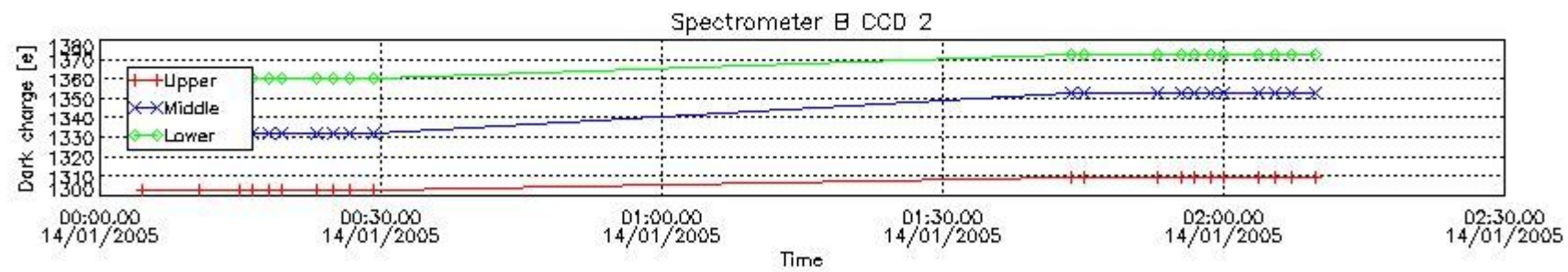
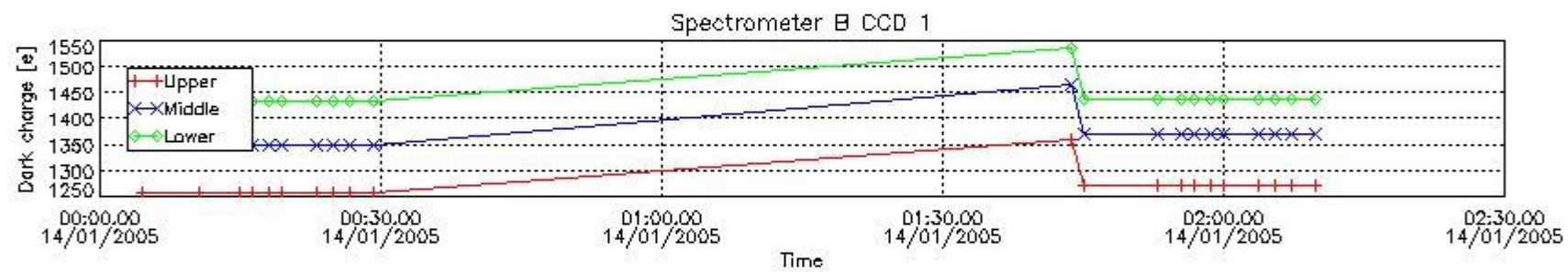
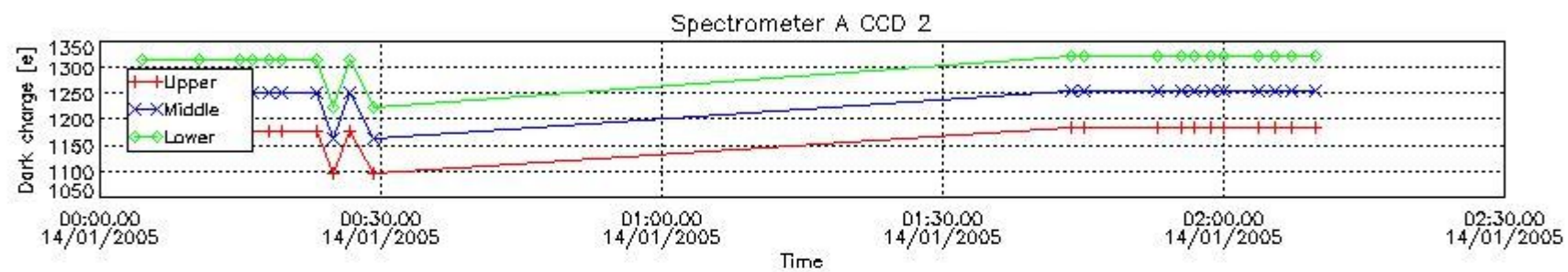
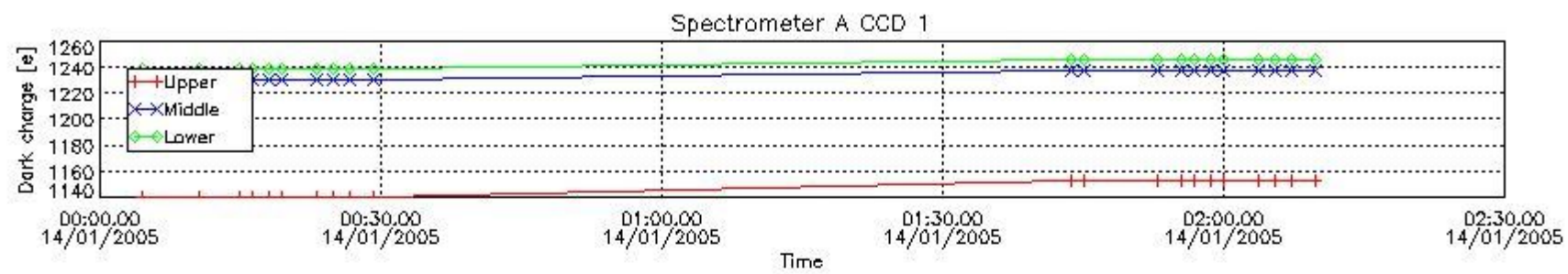
4. Overview of dark signal processing per product

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

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

4.1 All products used the DSA observation for the DC computation

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



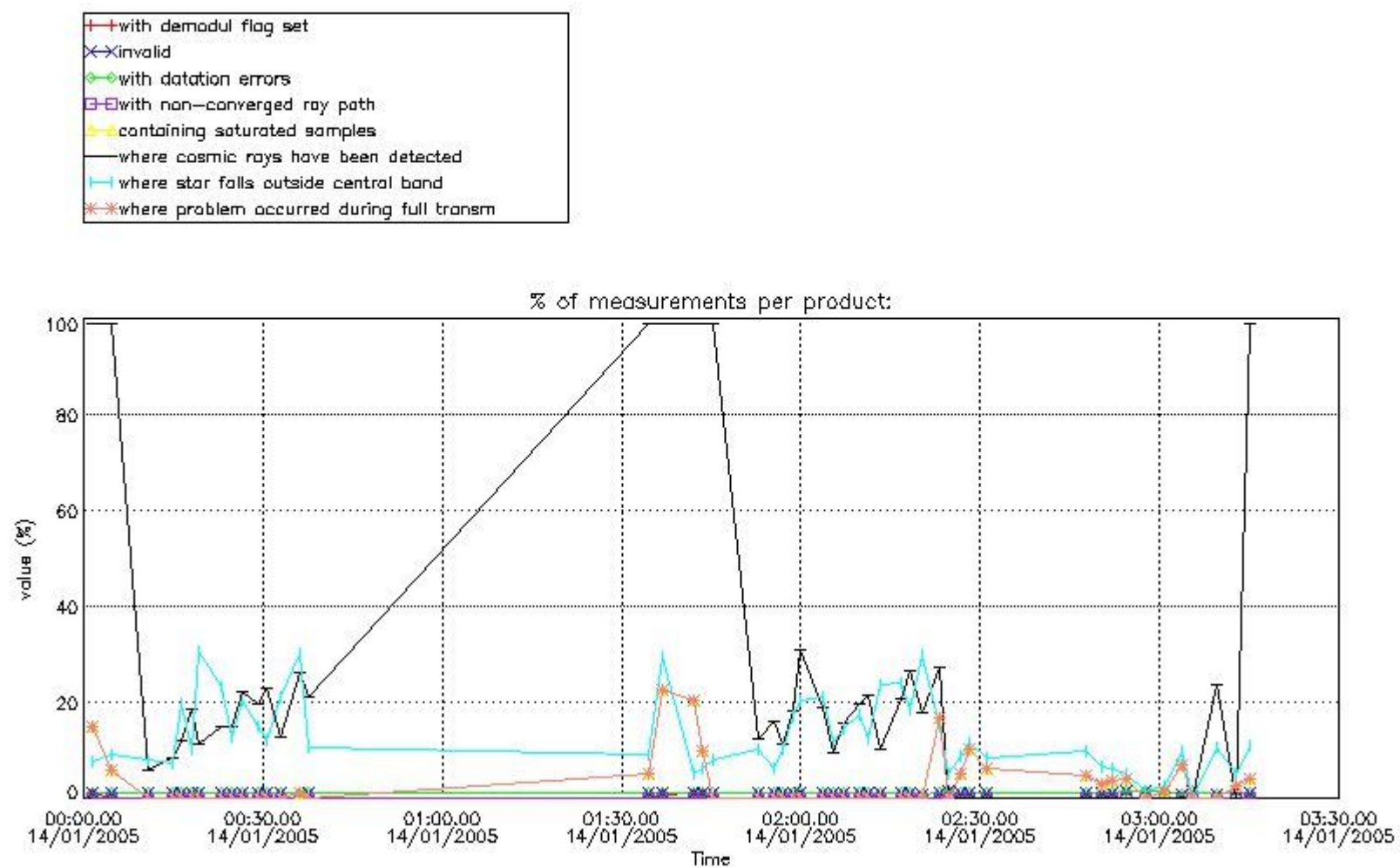
5. Demodulation flag and quality information monitoring

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

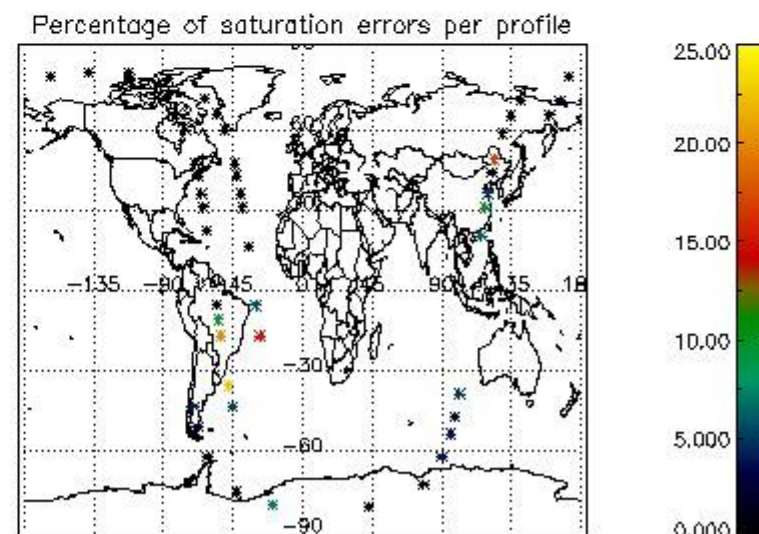
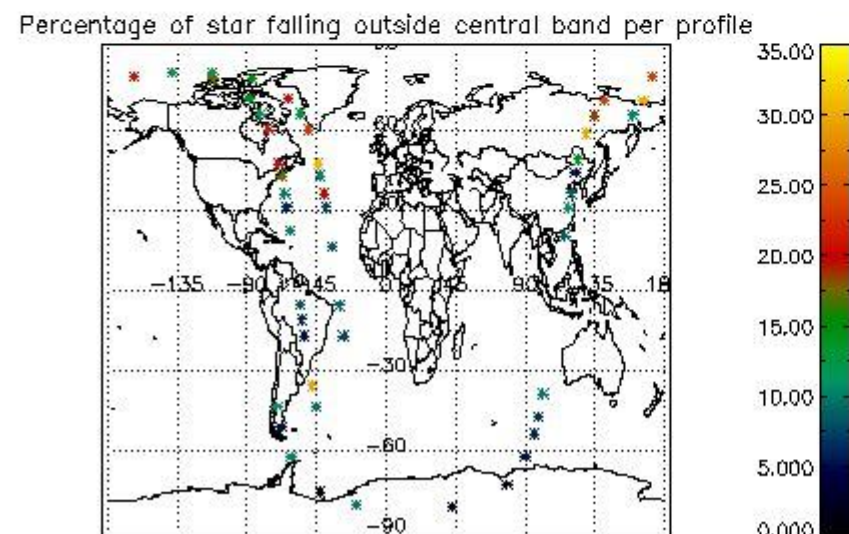
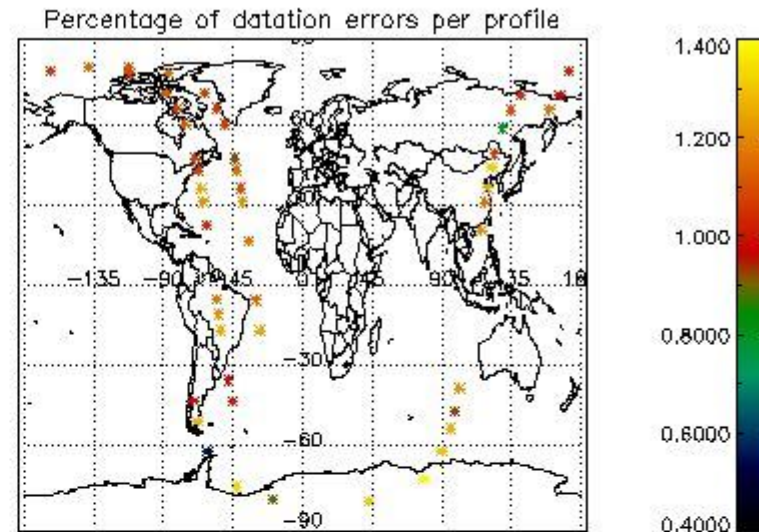
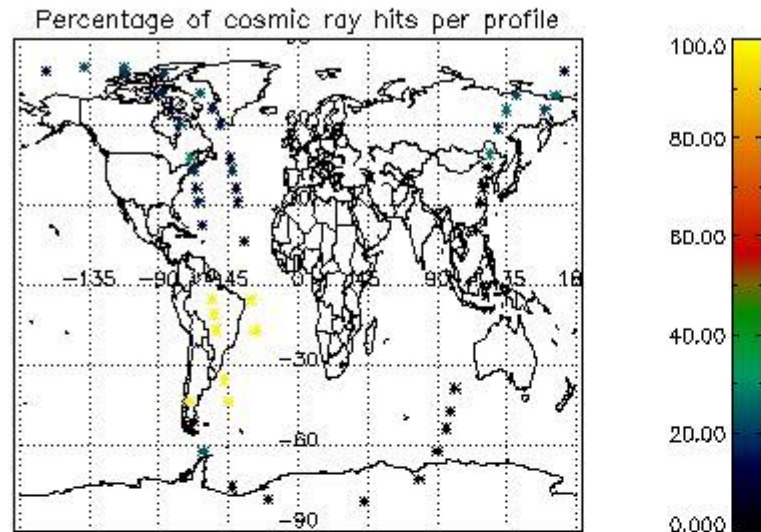
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	20.0000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



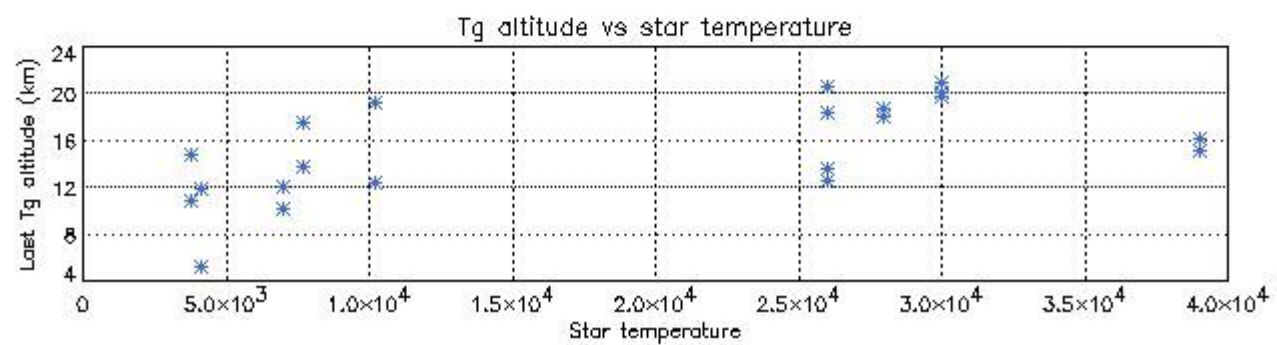
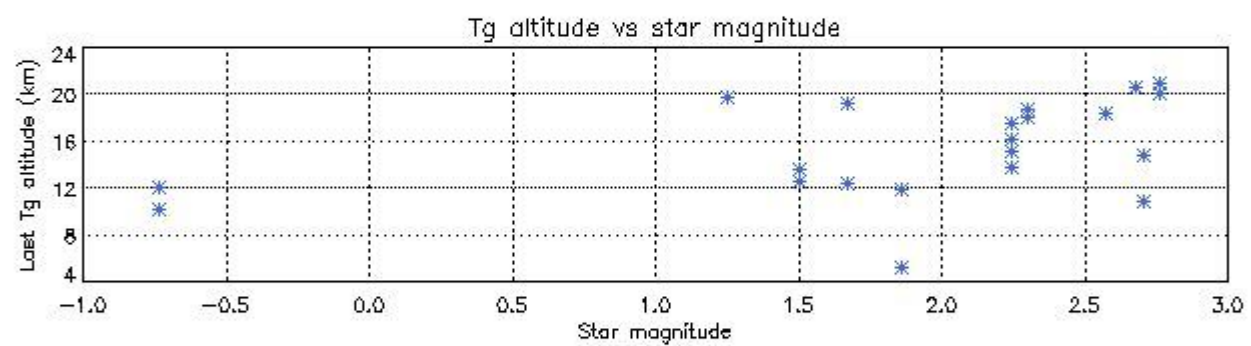
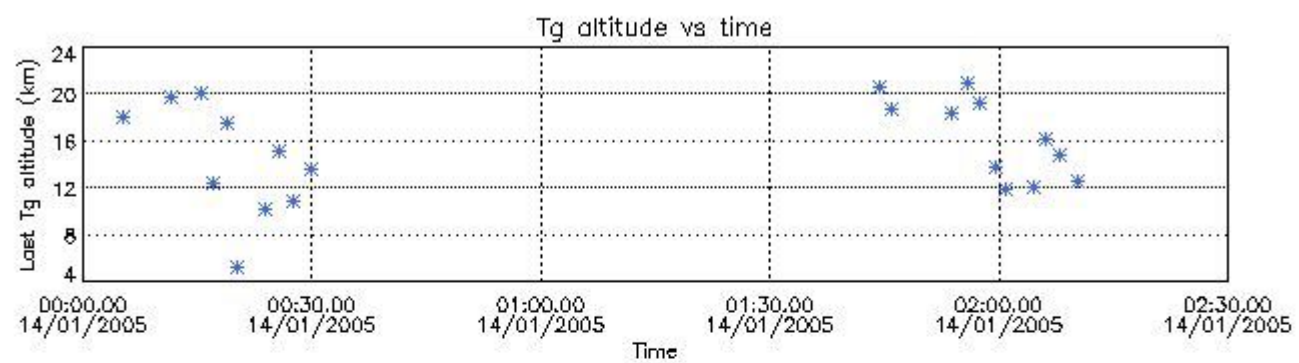
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.298	17.224	15.319
St. deviation:	4.1469	6.0702	4.7400
Maximum:	20.847	26.823	21.101
Minimum:	5.1794	6.0906	6.3166
Number of data:	21.000	18.000	11.000

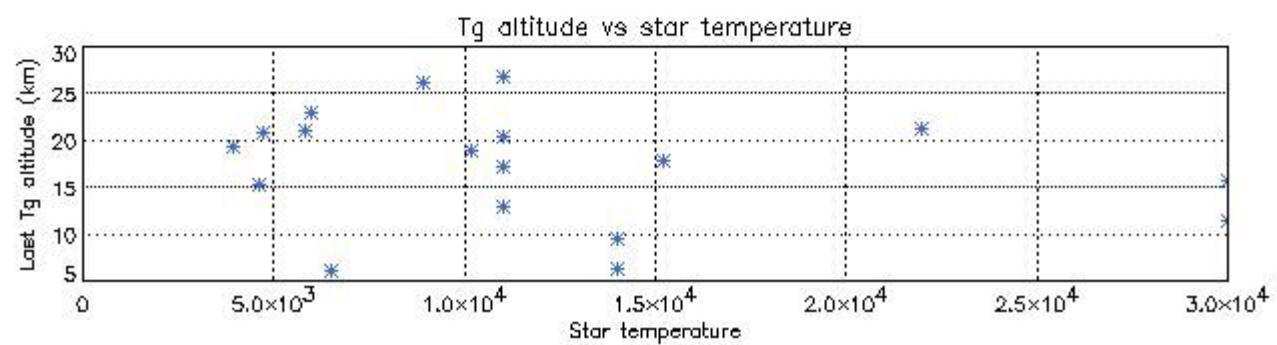
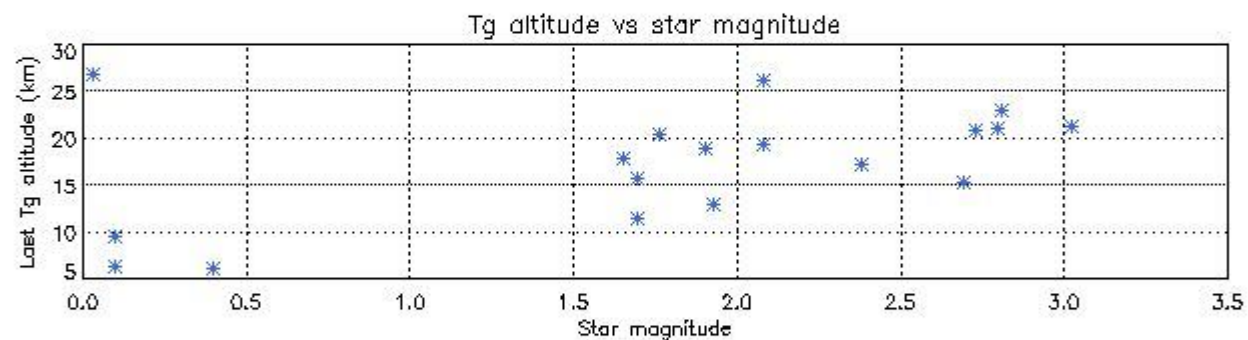
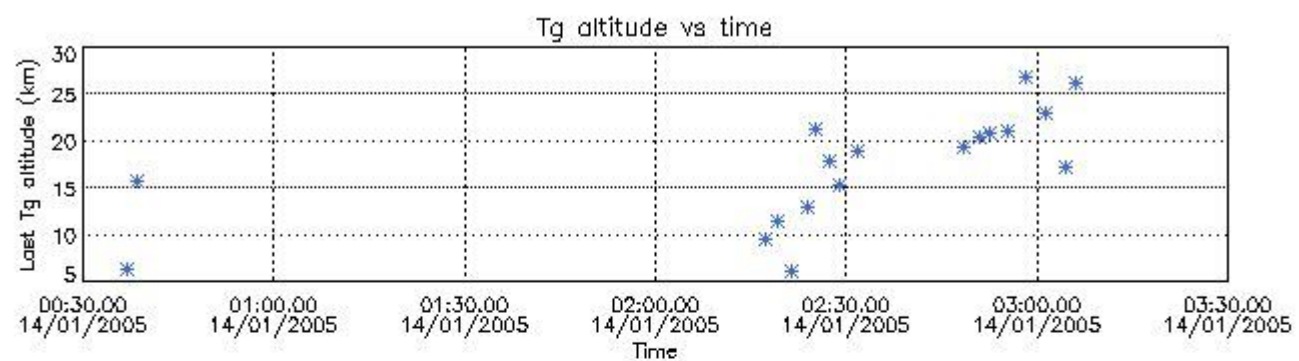
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



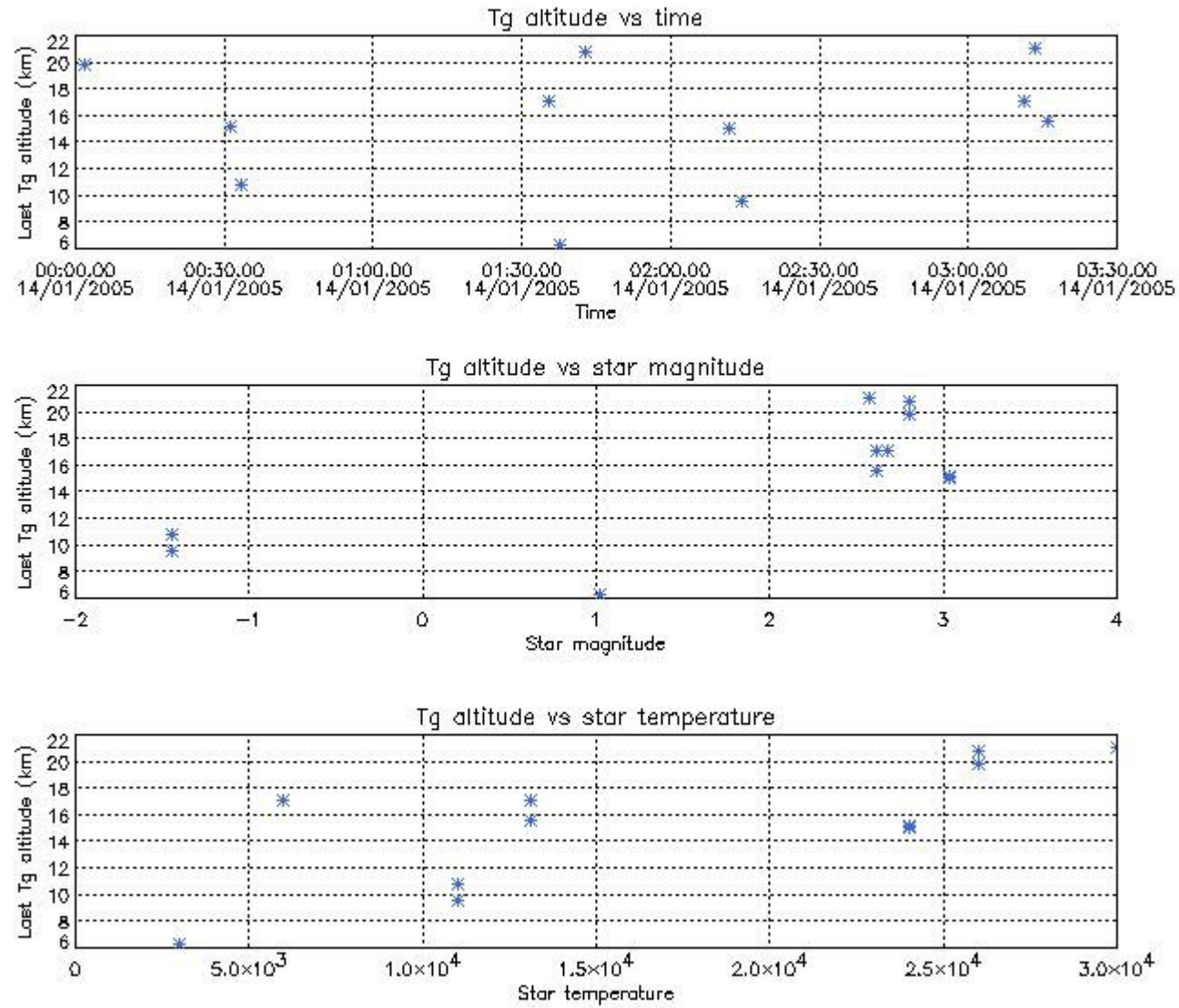
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost



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

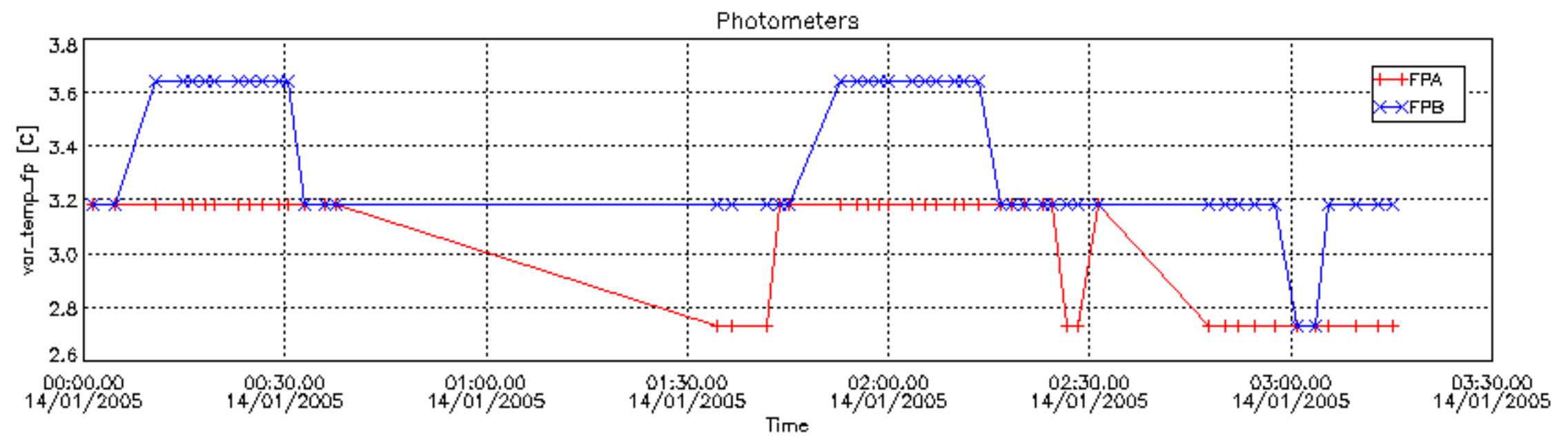
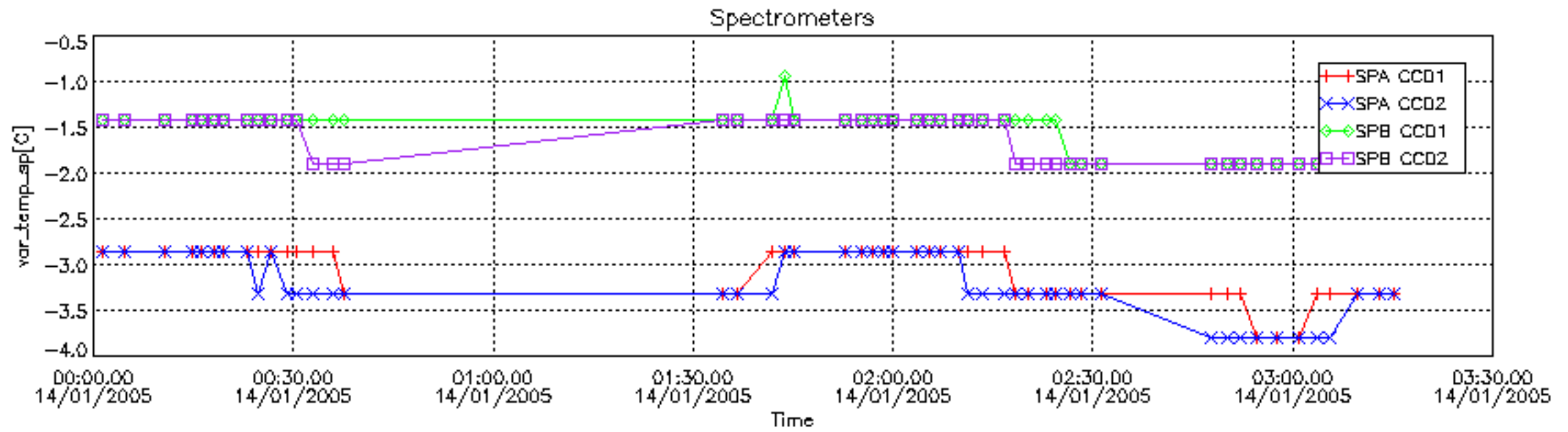
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: 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.

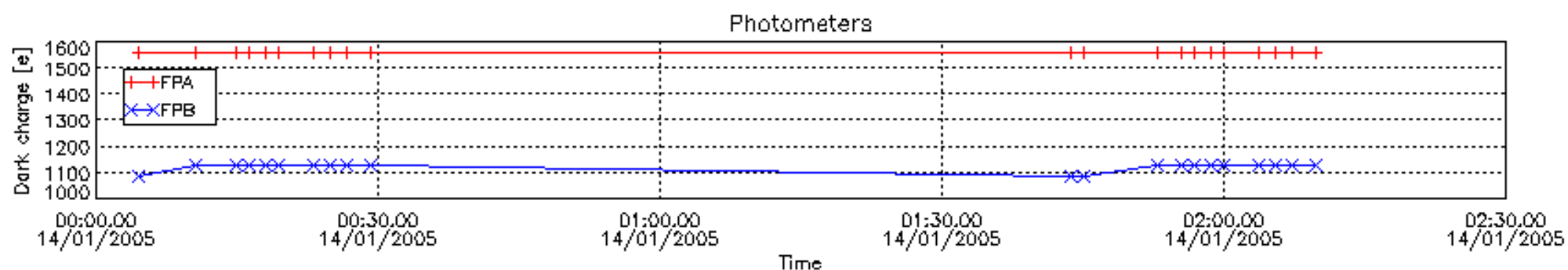
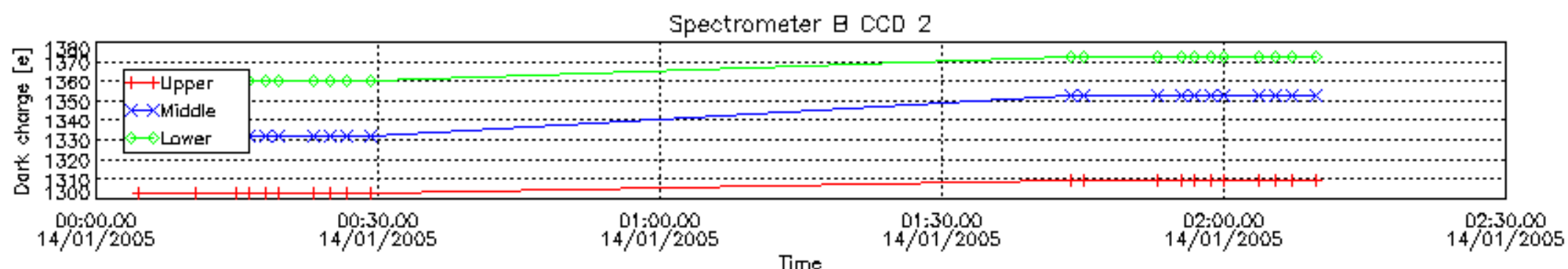
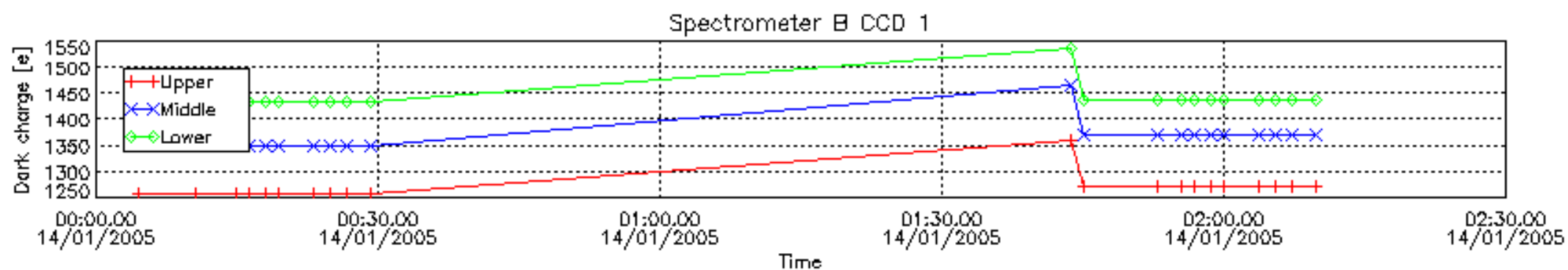
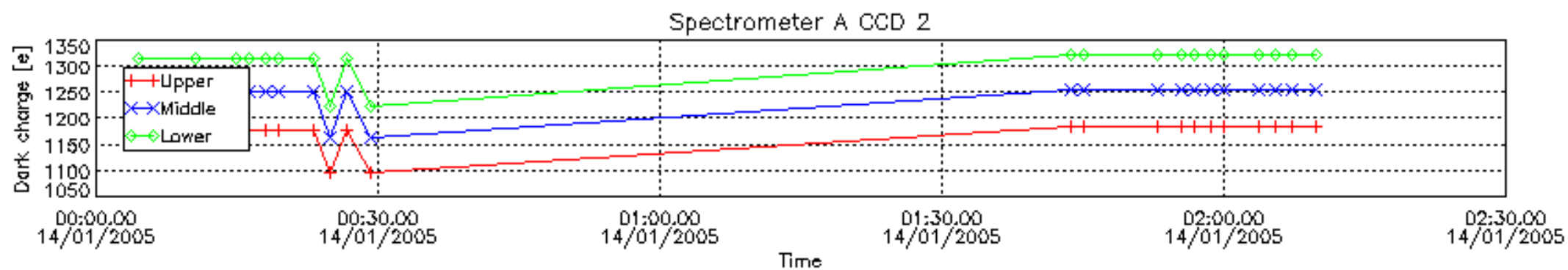
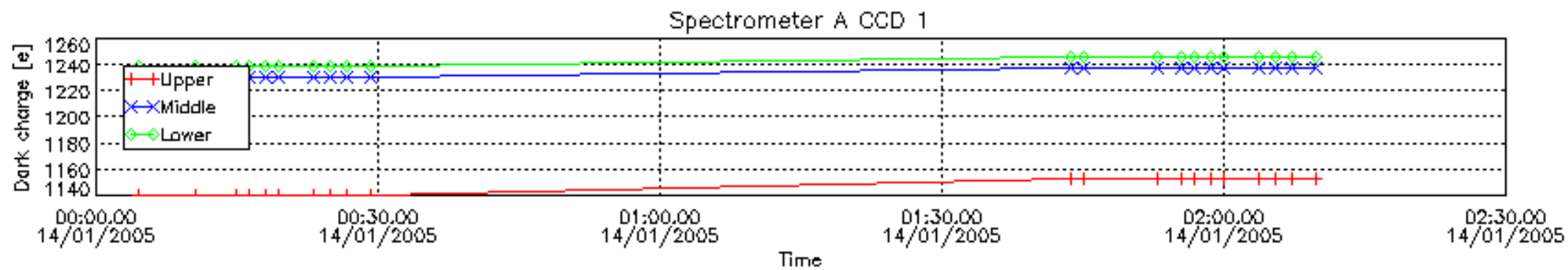
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1461.3	1446.4	1460.6	1446.5
St. deviation:	5.5675	6.7897	5.5405	7.1150
Maximum:	1498.0	1486.0	1507.0	1494.0
Minimum:	1449.0	1431.0	1428.0	1424.0
Number of data:	25000.	25000.	21250.	21250.

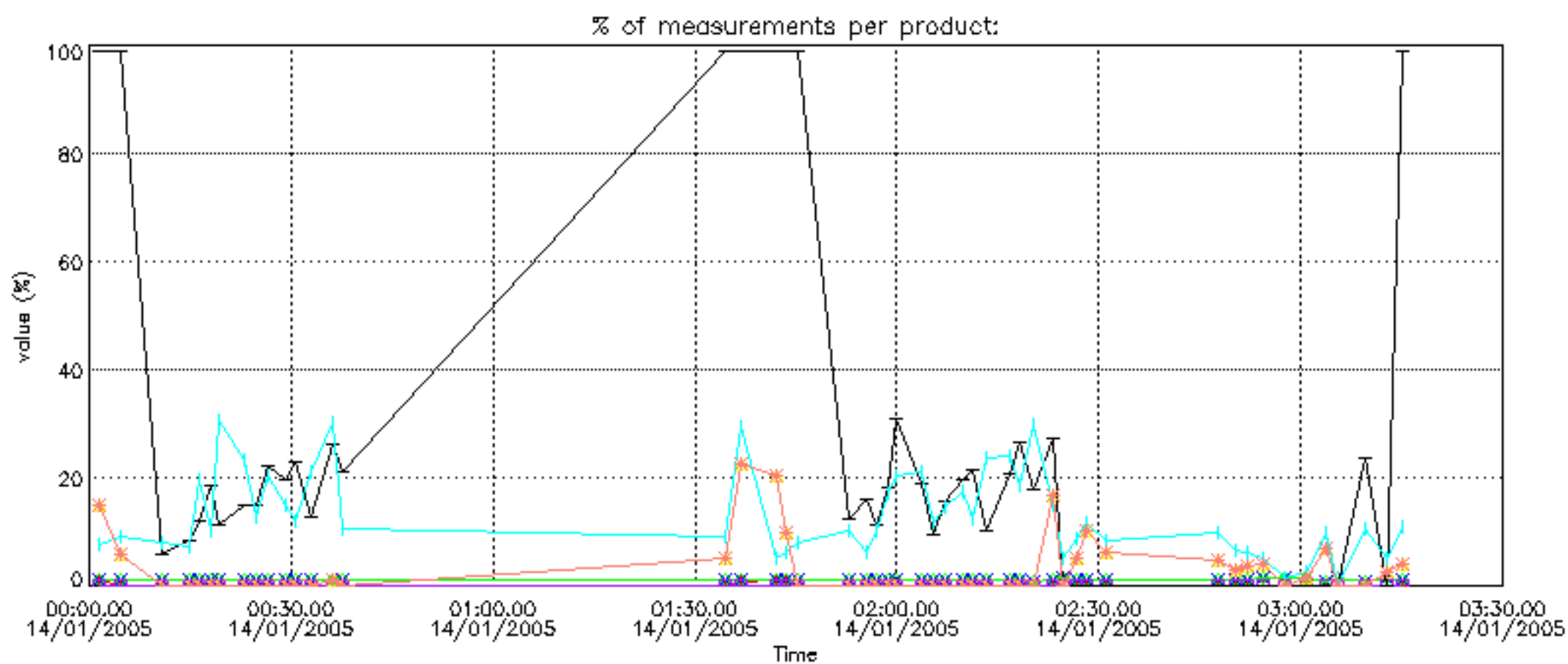
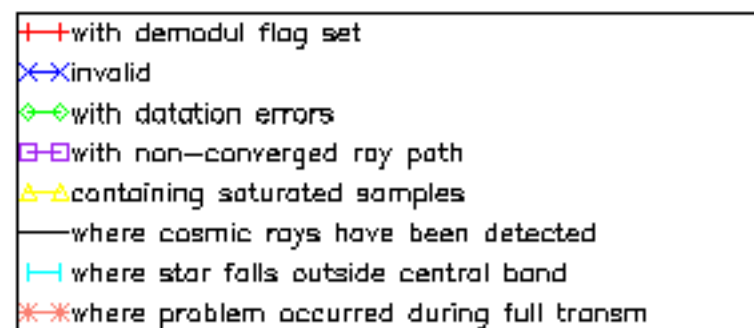
8. Auxiliary Data Files used for the production reported in section 2.2

The number reported in the third column indicates since which file (see list in section 2.2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

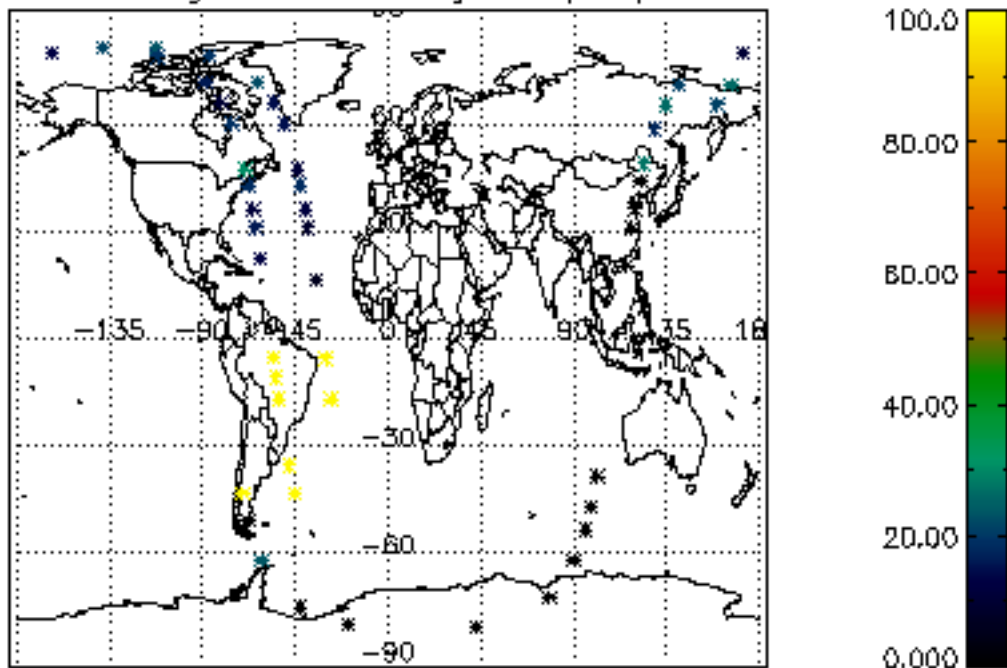
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20030716_105425_20030716_120000_20100101_000000	1	14-JAN-2005 00:01:20
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20050110_095700_20050108_000000_20100101_000000	1	14-JAN-2005 00:01:20
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20040401_083133_20020324_200000_20100101_000000	1	14-JAN-2005 00:01:20
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	14-JAN-2005 00:01:20
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20020121_165822_20020101_000000_20200101_000000	1	14-JAN-2005 00:01:20
ECMWF_FILE	AUX_ECF_AXNECM20050113_085020_20050113_210000_20050114_090000	1	14-JAN-2005 00:01:20
OPTIONAL_ECMWF_FILE	NOT USED	1	14-JAN-2005 00:01:20
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20050114_000122_20050113_190417_20050123_203032	1	14-JAN-2005 00:01:20



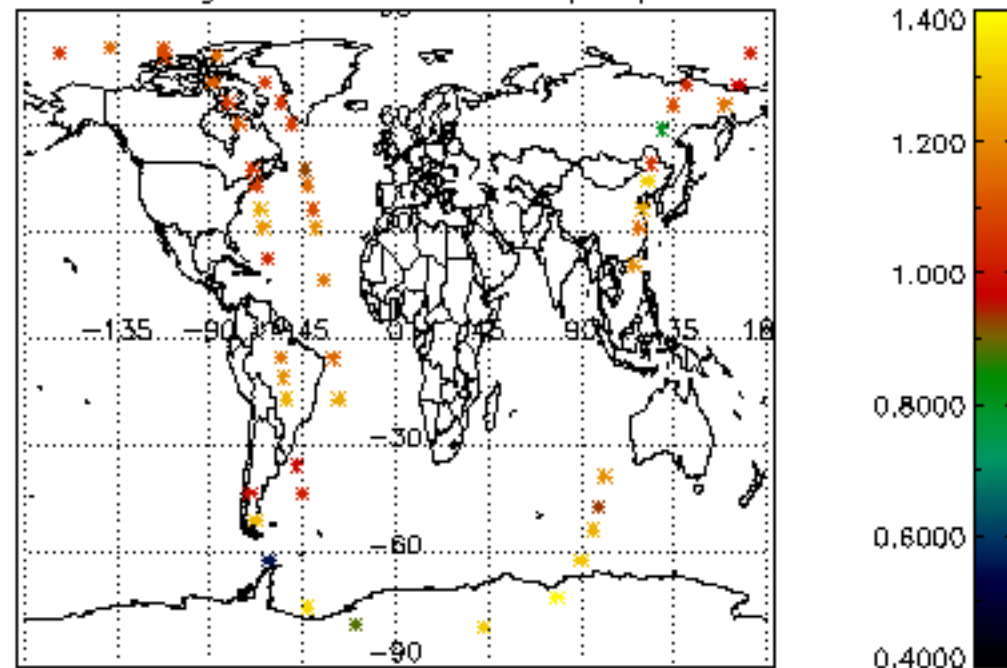




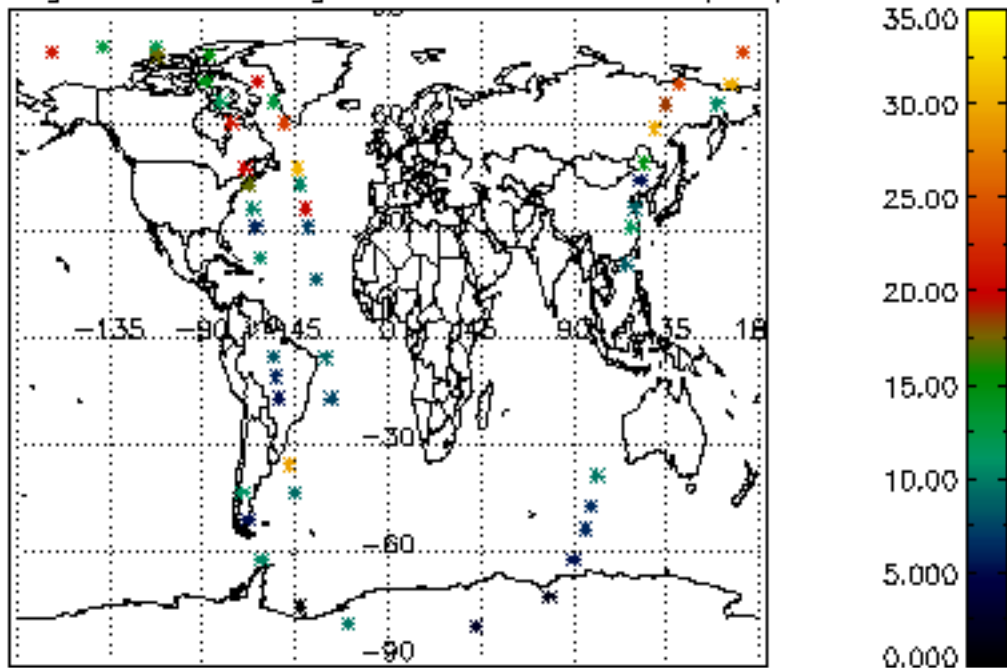
Percentage of cosmic ray hits per profile



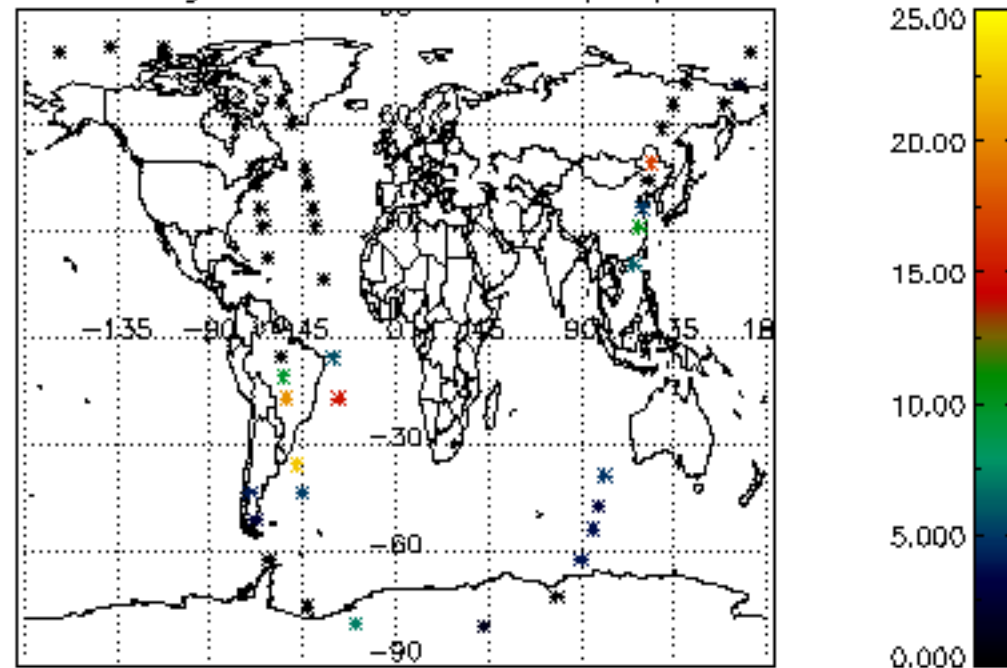
Percentage of datation errors per profile



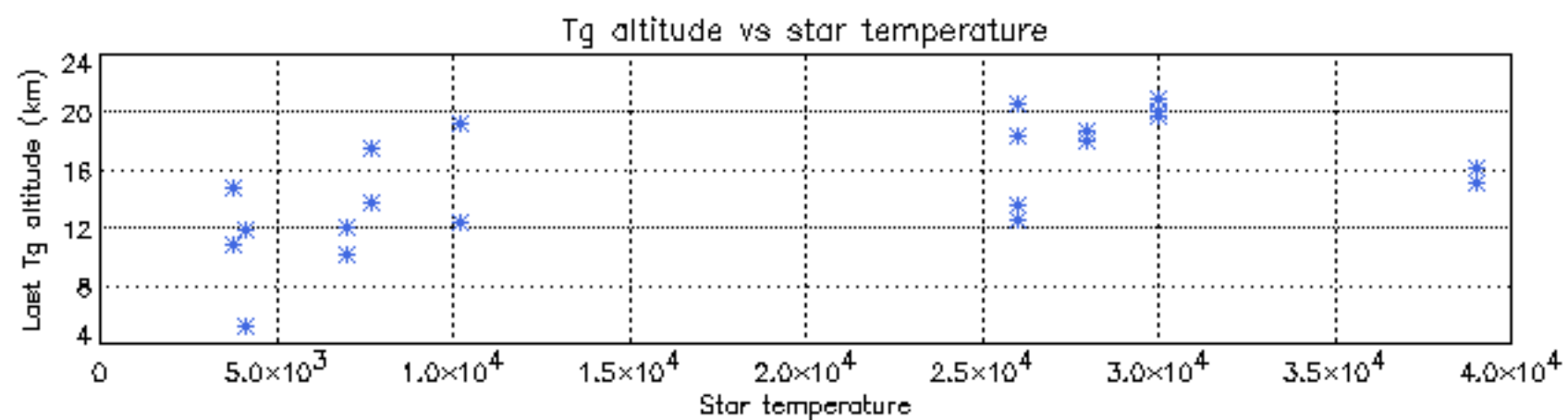
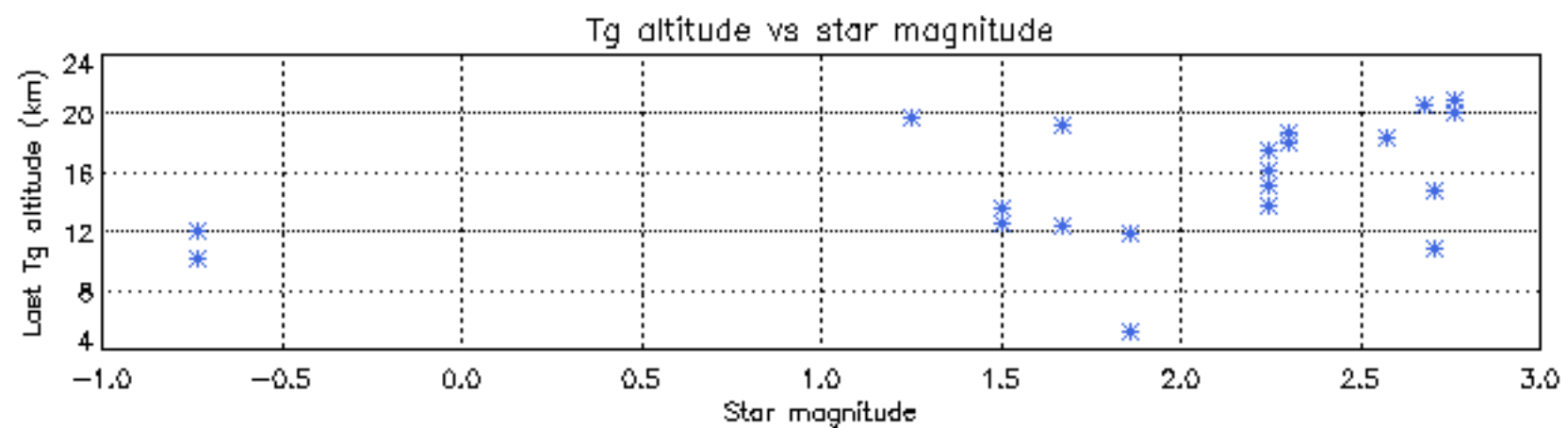
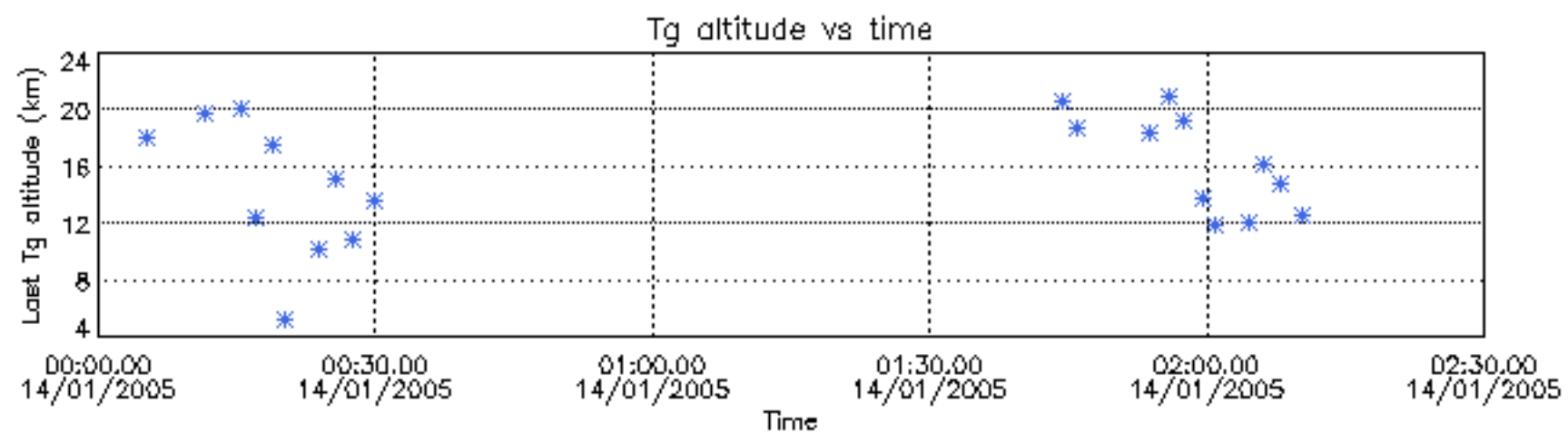
Percentage of star falling outside central band per profile



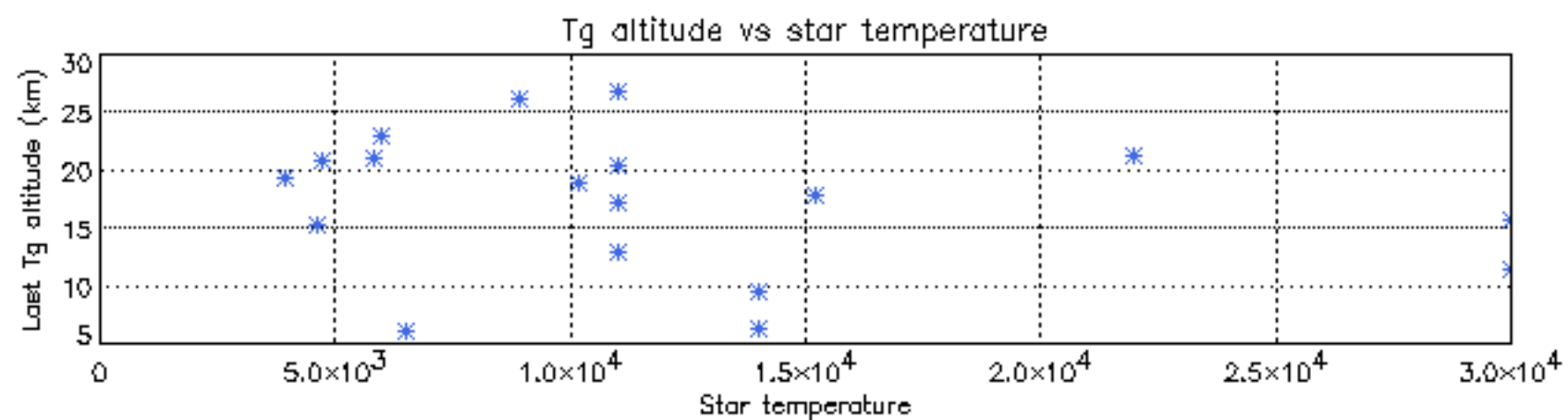
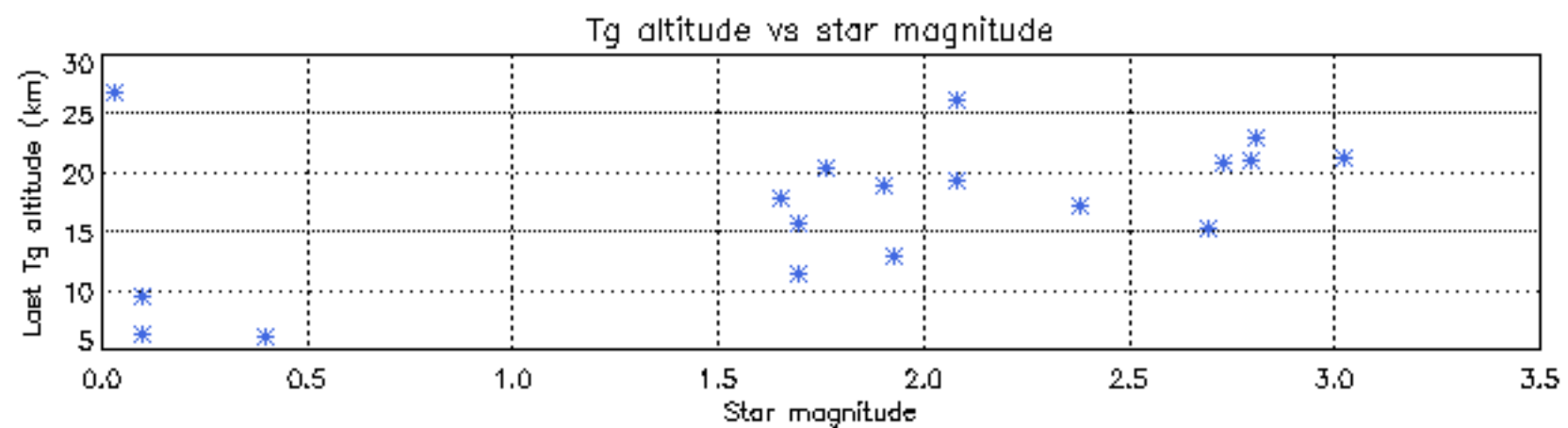
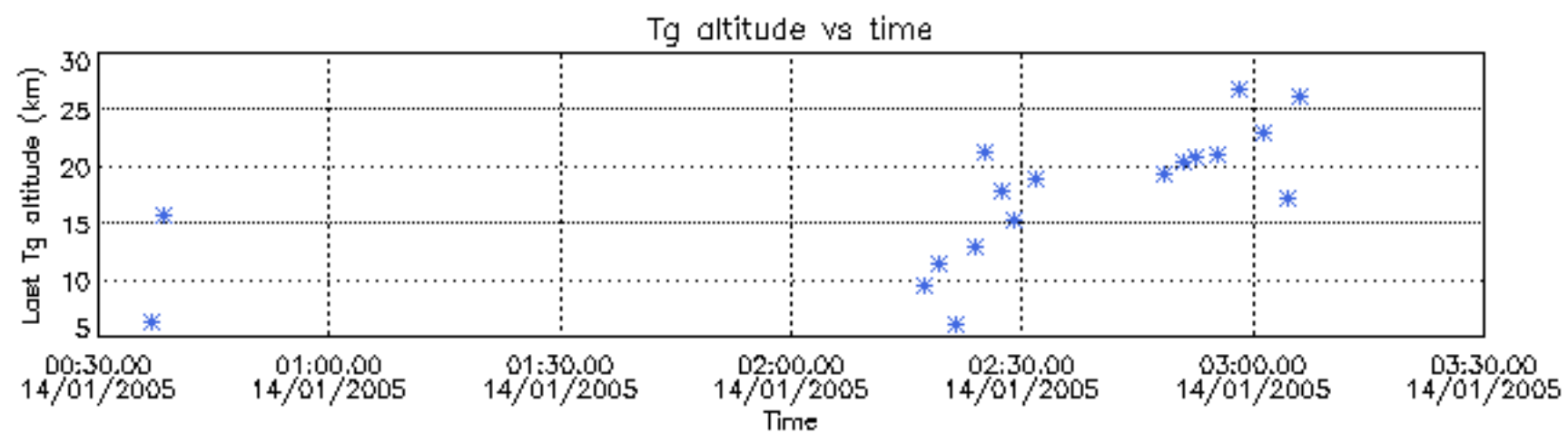
Percentage of saturation errors per profile



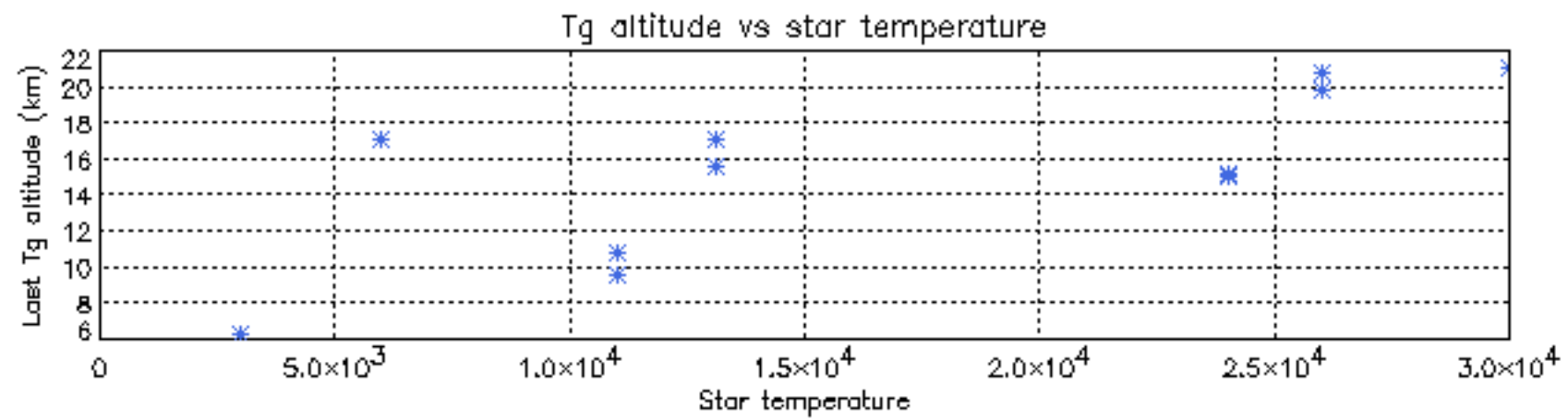
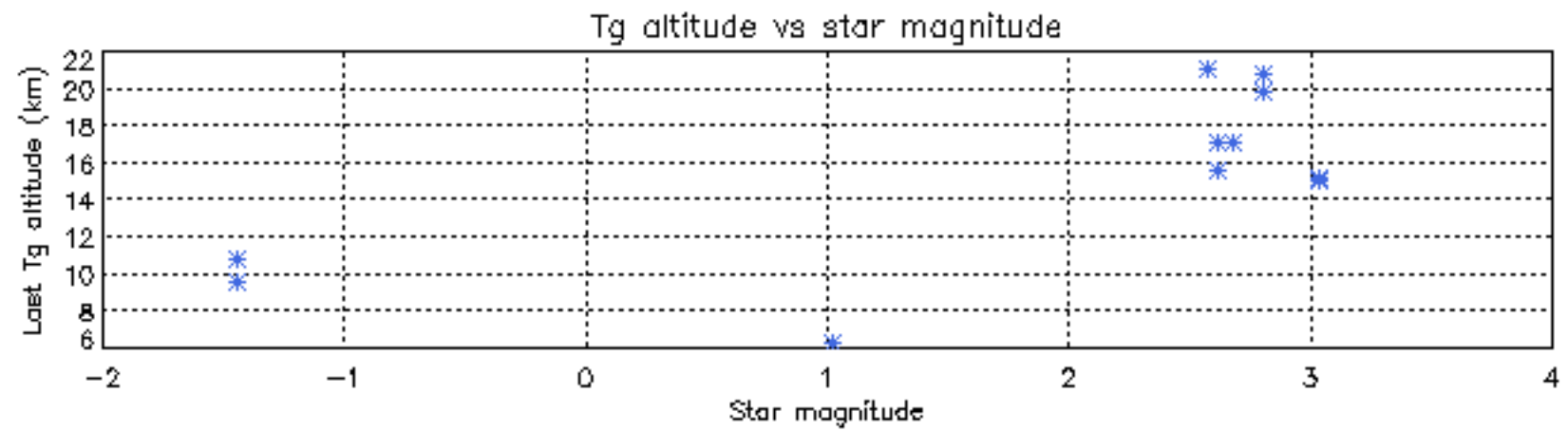
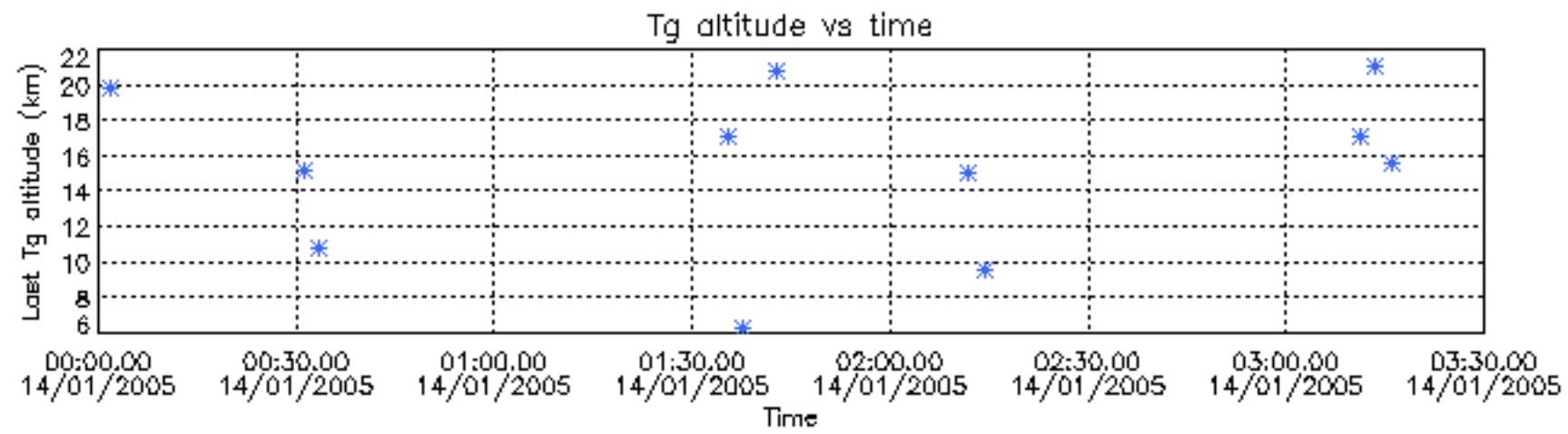
Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20050101_000317_000059232033_00259_14842_1596.N1

1;	-683.2;	01-JAN-2005	00:03:17;	Dark	;	45.5;	122;	9Alp2Lib	;	2.75;	9700;occ;	91;	0;	14842
2;	-474.4;	01-JAN-2005	00:06:46;	Dark	;	69.0;	15;	67Alp Vir	;	0.98;	28000;occ;	138;	0;	14842
3;	-192.1;	01-JAN-2005	00:11:28;	Dark	;	39.5;	78;	Alp Lup	;	2.30;	28000;occ;	79;	0;	14842
4;	-105.7;	01-JAN-2005	00:12:55;	Dark	;	45.0;	95;	Zet Cen	;	2.55;	26000;occ;	90;	0;	14842
5;	-2.3;	01-JAN-2005	00:14:38;	Dark	;	45.0;	4;	Alp1Cen	;	-0.01;	5800;occ;	90;	0;	14842
6;	106.9;	01-JAN-2005	00:16:27;	Dark	;	47.0;	64;	Gam Cen	;	2.20;	10600;occ;	94;	0;	14843
7;	227.0;	01-JAN-2005	00:18:28;	Dark	;	55.0;	12;	Alp1Cru	;	0.77;	30000;occ;	110;	0;	14843
8;	400.9;	01-JAN-2005	00:21:21;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14843
9;	547.0;	01-JAN-2005	00:23:48;	Dark	;	40.5;	29;	Bet Car	;	1.67;	10200;occ;	81;	0;	14843
10;	628.2;	01-JAN-2005	00:25:09;	Dark	;	51.5;	71;	Iot Car	;	2.25;	7700;occ;	103;	0;	14843
11;	725.4;	01-JAN-2005	00:26:46;	Dark	;	55.0;	41;	Eps Car	;	1.86;	4100;occ;	110;	0;	14843
12;	846.1;	01-JAN-2005	00:28:47;	Dark	;	56.5;	65;	Lam Vel	;	2.20;	4400;occ;	113;	0;	14843
13;	977.2;	01-JAN-2005	00:30:58;	Dark	;	46.5;	2;	Alp Car	;	-0.74;	7000;occ;	93;	0;	14843
14;	1171.4;	01-JAN-2005	00:34:12;	Dark	;	51.5;	117;	Pi Pup	;	2.71;	3800;occ;	103;	0;	14843
15;	1339.3;	01-JAN-2005	00:37:00;	Dark	;	50.5;	23;	21Eps CMa	;	1.50;	26000;occ;	101;	0;	14843
16;	1432.6;	01-JAN-2005	00:38:33;	Dark	;	46.5;	179;	240mi2CMa	;	3.03;	24000;occ;	93;	0;	14843
17;	1579.6;	01-JAN-2005	00:41:00;	Dark	;	55.5;	1;	9Alp CMa	;	-1.44;	11000;occ;	111;	0;	14843
18;	1768.2;	01-JAN-2005	00:44:09;	Dark	;	46.5;	7;	19Bet Ori	;	0.10;	14000;occ;	93;	0;	14843
19;	1879.6;	01-JAN-2005	00:46:00;	Dark	;	43.0;	30;	46Eps Ori	;	1.69;	30000;occ;	86;	0;	14843
20;	2091.3;	01-JAN-2005	00:49:32;	Dark	;	83.0;	8;	10Alp CMi	;	0.40;	6500;occ;	166;	0;	14843
21;	2226.9;	01-JAN-2005	00:51:47;	Dark	;	50.5;	44;	24Gam Gem	;	1.93;	11000;occ;	101;	0;	14843
22;	2323.7;	01-JAN-2005	00:53:24;	Bright;	;	48.0;	151;	13Mu Gem	;	2.89;	3000;occ;	96;	0;	14843
23;	2470.5;	01-JAN-2005	00:55:51;	Bright;	;	39.0;	114;	3Iot Aur	;	2.69;	4600;occ;	78;	0;	14843
24;	2562.0;	01-JAN-2005	00:57:23;	Bright;	;	42.0;	107;	37The Aur	;	2.65;	11000;occ;	84;	0;	14843
25;	2690.9;	01-JAN-2005	00:59:32;	Bright;	;	41.5;	6;	13Alp Aur	;	0.08;	3400;occ;	83;	0;	14843
26;	2799.5;	01-JAN-2005	01:01:20;	Bright;	;	38.0;	35;	33Alp Per	;	1.79;	6250;occ;	76;	0;	14843
27;	2877.2;	01-JAN-2005	01:02:38;	Bright;	;	37.0;	160;	23Gam Per	;	2.93;	4700;occ;	74;	0;	14843
28;	3420.6;	01-JAN-2005	01:11:41;	Bright;	;	38.5;	49;	1Alp UMi	;	1.99;	6300;occ;	77;	0;	14843
29;	3592.4;	01-JAN-2005	01:14:33;	Bright;	;	50.0;	36;	50Alp UMA	;	1.80;	6300;occ;	100;	0;	14843
30;	3835.1;	01-JAN-2005	01:18:36;	Bright;	;	56.5;	87;	64Gam UMA	;	2.43;	11000;occ;	113;	0;	14843
31;	3967.7;	01-JAN-2005	01:20:48;	Bright;	;	46.5;	55;	79Zet UMA	;	2.06;	10200;occ;	93;	0;	14843
32;	4105.1;	01-JAN-2005	01:23:06;	Bright;	;	48.5;	39;	85Eta UMA	;	1.85;	24000;occ;	97;	0;	14843
33;	4351.9;	01-JAN-2005	01:27:12;	Bright;	;	62.0;	180;	27Gam Boo	;	3.04;	8000;occ;	124;	0;	14843
34;	4573.3;	01-JAN-2005	01:30:54;	Bright;	;	62.0;	83;		;	2.38;	11000;occ;	124;	0;	14843
35;	4825.9;	01-JAN-2005	01:35:06;	Bright;	;	56.5;	111;	8Eta Boo	;	2.68;	6000;occ;	113;	0;	14843
36;	5028.6;	01-JAN-2005	01:38:29;	Bright;	;	37.5;	120;	1Del Oph	;	2.73;	3200;occ;	75;	0;	14843
37;	5194.0;	01-JAN-2005	01:41:15;	Bright;	;	47.0;	104;	27Bet Lib	;	2.61;	13100;occ;	94;	0;	14843

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20050101_014125_000042862033_00260_14843_1597.N1

1;	-831.4;	01-JAN-2005	01:41:25;	Bright;	;	47.5;	104;	27Bet Lib	;	2.61;	13100;occ;	95;	21;	14843
2;	-682.6;	01-JAN-2005	01:43:54;	Dark	;	47.0;	122;	9Alp2Lib	;	2.75;	9700;occ;	94;	0;	14843
3;	-472.4;	01-JAN-2005	01:47:24;	Dark	;	69.0;	15;	67Alp Vir	;	0.98;	28000;occ;	138;	0;	14843
4;	-192.0;	01-JAN-2005	01:52:04;	Dark	;	41.0;	78;	Alp Lup	;	2.30;	28000;occ;	82;	0;	14843
5;	-103.3;	01-JAN-2005	01:53:33;	Dark	;	43.0;	95;	Zet Cen	;	2.55;	26000;occ;	86;	0;	14843
6;	-1.3;	01-JAN-2005	01:55:15;	Dark	;	43.0;	4;	Alp1Cen	;	-0.01;	5800;occ;	86;	0;	14843
7;	107.7;	01-JAN-2005	01:57:04;	Dark	;	49.0;	64;	Gam Cen	;	2.20;	10600;occ;	98;	0;	14844
8;	227.5;	01-JAN-2005	01:59:04;	Dark	;	44.5;	12;	Alp1Cru	;	0.77;	30000;occ;	89;	0;	14844
9;	401.2;	01-JAN-2005	02:01:58;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14844
10;	547.0;	01-JAN-2005	02:04:23;	Dark	;	39.5;	29;	Bet Car	;	1.67;	10200;occ;	79;	0;	14844
11;	630.6;	01-JAN-2005	02:05:47;	Dark	;	44.0;	71;	Iot Car	;	2.25;	7700;occ;	88;	0;	14844
12;	723.5;	01-JAN-2005	02:07:20;	Dark	;	54.0;	41;	Eps Car	;	1.86;	4100;occ;	108;	0;	14844
13;	847.2;	01-JAN-2005	02:09:24;	Dark	;	55.0;	65;	Lam Vel	;	2.20;	4400;occ;	110;	0;	14844
14;	977.4;	01-JAN-2005	02:11:34;	Dark	;	50.5;	2;	Alp Car	;	-0.74;	7000;occ;	101;	0;	14844
15;	1170.1;	01-JAN-2005	02:14:47;	Dark	;	51.5;	117;	Pi Pup	;	2.71;	3800;occ;	103;	0;	14844
16;	1339.6;	01-JAN-2005	02:17:36;	Dark	;	50.0;	23;	21Eps CMa	;	1.50;	26000;occ;	100;	0;	14844
17;	1432.3;	01-JAN-2005	02:19:09;	Dark	;	45.5;	179;	240mi2CMa	;	3.03;	24000;occ;	91;	0;	14844
18;	1578.1;	01-JAN-2005	02:21:35;	Dark	;	59.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	118;	0;	14844
19;	1767.7;	01-JAN-2005	02:24:44;	Dark	;	52.0;	7;	19Bet Ori	;	0.10;	14000;occ;	104;	0;	14844
20;	1877.4;	01-JAN-2005	02:26:34;	Dark	;	47.0;	30;	46Eps Ori	;	1.69;	30000;occ;	94;	0;	14844
21;	2090.4;	01-JAN-2005	02:30:07;	Dark	;	69.5;	8;	10Alp CMi	;	0.40;	6500;occ;	139;	0;	14844
22;	2226.3;	01-JAN-2005	02:32:23;	Dark	;	50.0;	44;	24Gam Gem	;	1.93;	11000;occ;	100;	0;	14844
23;	2321.7;	01-JAN-2005	02:33:58;	Bright;	;	51.5;	151;	13Mu Gem	;	2.89;	3000;occ;	103;	0;	14844
24;	2470.5;	01-JAN-2005	02:36:27;	Bright;	;	40.5;	114;	3Iot Aur	;	2.69;	4600;occ;	81;	0;	14844
25;	2563.4;	01-JAN-2005	02:38:00;	Bright;	;	42.0;	107;	37The Aur	;	2.65;	11000;occ;	84;	0;	14844
26;	2690.9;	01-JAN-2005	02:40:07;	Bright;	;	42.5;	6;	13Alp Aur	;	0.08;	3400;occ;	85;	0;	14844
27;	2800.2;	01-JAN-2005	02:41:57;	Bright;	;	41.0;	35;	33Alp Per	;	1.79;	6250;occ;	82;	0;	14844
28;	2877.5;	01-JAN-2005	02:43:14;	Bright;	;	39.0;	160;	23Gam Per	;	2.93;	4700;occ;	78;	0;	14844
29;	3418.8;	01-JAN-2005	02:52:15;	Bright;	;	36.5;	49;	1Alp UMi	;	1.99;	6300;occ;	73;	0;	14844

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20050101_025508_000060852033_00261_14844_1598.N1

1;-2444.4; 01-JAN-2005 02:55:08; Bright; 50.0; 36; 50Alp UMA ; 1.80; 6300;occ; 100; 0;14844
 2;-2201.7; 01-JAN-2005 02:59:11; Bright; 56.0; 87; 64Gam UMA ; 2.43; 11000;occ; 112; 0;14844
 3;-2069.2; 01-JAN-2005 03:01:23; Bright; 48.0; 55; 79Zet UMA ; 2.06; 10200;occ; 96; 0;14844
 4;-1931.2; 01-JAN-2005 03:03:41; Bright; 47.5; 39; 85Eta UMA ; 1.85; 24000;occ; 95; 0;14844
 5;-1684.3; 01-JAN-2005 03:07:48; Bright; 42.0; 180; 27Gam Boo ; 3.04; 8000;occ; 84; 0;14844
 6;-1462.8; 01-JAN-2005 03:11:30; Bright; 46.5; 83; ; 2.38; 11000;occ; 93; 0;14844
 7;-1209.1; 01-JAN-2005 03:15:43; Bright; 54.5; 111; 8Eta Boo ; 2.68; 6000;occ; 109; 0;14844
 8;-1007.7; 01-JAN-2005 03:19:05; Bright; 37.5; 120; 1Del Oph ; 2.73; 3200;occ; 75; 0;14844
 9; -842.1; 01-JAN-2005 03:21:50; Bright; 52.5; 104; 27Bet Lib ; 2.61; 13100;occ; 105; 0;14844
 10; -681.9; 01-JAN-2005 03:24:30; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;14844
 11; -471.0; 01-JAN-2005 03:28:01; Dark ; 71.0; 15; 67Alp Vir ; 0.98; 28000;occ; 142; 0;14844
 12; -279.9; 01-JAN-2005 03:31:12; Dark ; 40.0; 109; Bet Lup ; 2.68; 26000;occ; 80; 0;14844
 13; -191.3; 01-JAN-2005 03:32:41; Dark ; 38.0; 78; Alp Lup ; 2.30; 28000;occ; 76; 0;14844
 14; -101.5; 01-JAN-2005 03:34:11; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;14844
 15; -0.6; 01-JAN-2005 03:35:52; Dark ; 52.0; 4; Alp1Cen ;-0.01; 5800;occ; 104; 0;14844
 16; 230.9; 01-JAN-2005 03:39:43; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;14845
 17; 401.5; 01-JAN-2005 03:42:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14845
 18; 547.9; 01-JAN-2005 03:45:00; Dark ; 39.5; 29; Bet Car ; 1.67; 10200;occ; 79; 0;14845
 19; 631.8; 01-JAN-2005 03:46:24; Dark ; 50.0; 71; Iot Car ; 2.25; 7700;occ; 100; 0;14845
 20; 726.8; 01-JAN-2005 03:47:59; Dark ; 41.0; 41; Eps Car ; 1.86; 4100;occ; 82; 0;14845
 21; 847.6; 01-JAN-2005 03:50:00; Dark ; 56.5; 65; Lam Vel ; 2.20; 4400;occ; 113; 0;14845
 22; 978.8; 01-JAN-2005 03:52:11; Dark ; 45.5; 2; Alp Car ;-0.74; 7000;occ; 91; 0;14845
 23; 1173.0; 01-JAN-2005 03:55:25; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;14845
 24; 1340.7; 01-JAN-2005 03:58:13; Dark ; 48.5; 23; 21Eps CMA ; 1.50; 26000;occ; 97; 0;14845
 25; 1432.4; 01-JAN-2005 03:59:45; Dark ; 48.0; 179; 240mi2CMA ; 3.03; 24000;occ; 96; 0;14845
 26; 1580.7; 01-JAN-2005 04:02:13; Dark ; 53.5; 1; 9Alp CMA ;-1.44; 11000;occ; 107; 0;14845
 27; 1768.6; 01-JAN-2005 04:05:21; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;14845
 28; 1879.9; 01-JAN-2005 04:07:12; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;14845
 29; 2089.8; 01-JAN-2005 04:10:42; Dark ; 71.0; 8; 10Alp CMi ; 0.40; 6500;occ; 142; 0;14845
 30; 2225.7; 01-JAN-2005 04:12:58; Dark ; 50.0; 44; 24Gam Gem ; 1.93; 11000;occ; 100; 0;14845
 31; 2323.8; 01-JAN-2005 04:14:36; Bright; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;14845
 32; 2470.6; 01-JAN-2005 04:17:03; Bright; 41.0; 114; 3Iot Aur ; 2.69; 4600;occ; 82; 0;14845
 33; 2563.8; 01-JAN-2005 04:18:36; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;14845
 34; 2690.8; 01-JAN-2005 04:20:43; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;14845
 35; 2800.2; 01-JAN-2005 04:22:33; Bright; 37.5; 35; 33Alp Per ; 1.79; 6250;occ; 75; 0;14845
 36; 2877.9; 01-JAN-2005 04:23:50; Bright; 37.5; 160; 23Gam Per ; 2.93; 4700;occ; 75; 0;14845
 37; 3420.9; 01-JAN-2005 04:32:53; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;14845
 38; 3590.6; 01-JAN-2005 04:35:43; Bright; 50.5; 36; 50Alp UMa ; 1.80; 6300;occ; 101; 0;14845

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20050101_043627_000060342033_00262_14845_1599.N1

1;-2400.9; 01-JAN-2005 04:36:27; Bright; 51.0; 36; 50Alp UMA ; 1.80; 6300;occ; 102; 89;14845
 2;-2202.3; 01-JAN-2005 04:39:46; Bright; 56.0; 87; 64Gam UMA ; 2.43; 11000;occ; 112; 0;14845
 3;-2068.9; 01-JAN-2005 04:41:59; Bright; 47.5; 55; 79Zet UMA ; 2.06; 10200;occ; 95; 0;14845
 4;-1931.2; 01-JAN-2005 04:44:17; Bright; 48.0; 39; 85Eta UMA ; 1.85; 24000;occ; 96; 0;14845
 5;-1684.3; 01-JAN-2005 04:48:24; Bright; 42.5; 180; 27Gam Boo ; 3.04; 8000;occ; 85; 0;14845
 6;-1463.2; 01-JAN-2005 04:52:05; Bright; 62.0; 83; ; 2.38; 11000;occ; 124; 0;14845
 7;-1209.2; 01-JAN-2005 04:56:19; Bright; 56.5; 111; 8Eta Boo ; 2.68; 6000;occ; 113; 0;14845
 8;-1009.1; 01-JAN-2005 04:59:39; Bright; 39.5; 120; 1Del Oph ; 2.73; 3200;occ; 79; 0;14845
 9; -840.6; 01-JAN-2005 05:02:28; Bright; 39.5; 104; 27Bet Lib ; 2.61; 13100;occ; 79; 0;14845
 10; -680.8; 01-JAN-2005 05:05:08; Dark ; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 0;14845
 11; -470.2; 01-JAN-2005 05:08:38; Dark ; 83.5; 15; 67Alp Vir ; 0.98; 28000;occ; 167; 0;14845
 12; -280.0; 01-JAN-2005 05:11:48; Dark ; 42.0; 109; Bet Lup ; 2.68; 26000;occ; 84; 0;14845
 13; -191.1; 01-JAN-2005 05:13:17; Dark ; 43.0; 78; Alp Lup ; 2.30; 28000;occ; 86; 0;14845
 14; -100.9; 01-JAN-2005 05:14:47; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;14845
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 32; 2312.2; 04-JAN-2005 04:20:09; Bright; 48.5; 151; 13Mu Gem ; 2.89; 3000;occ; 97; 0;14888
 33; 2470.5; 04-JAN-2005 04:22:47; Bright; 41.5; 114; 3Iot Aur ; 2.69; 4600;occ; 83; 0;14888
 34; 2554.5; 04-JAN-2005 04:24:11; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;14888
 35; 2687.3; 04-JAN-2005 04:26:24; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;14888
 36; 2814.0; 04-JAN-2005 04:28:31; Bright; 37.5; 35; 33Alp Per ; 1.79; 6250;occ; 75; 0;14888
 37; 2892.7; 04-JAN-2005 04:29:49; Bright; 37.0; 160; 23Gam Per ; 2.93; 4700;occ; 74; 0;14888
 38; 3421.0; 04-JAN-2005 04:38:38; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14888
 39; 3562.1; 04-JAN-2005 04:40:59; Bright; 41.5; 36; 50Alp UMA ; 1.80; 6300;occ; 83; 0;14888

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1;	-2470.4;	04-JAN-2005	04:41:02;	Bright;	50.5;	36;	50Alp	UMA	;	1.80;	6300;	occ;	101;	7;	14888	
2;	-2352.4;	04-JAN-2005	04:43:00;	Bright;	40.0;	60;	7Bet	UMi	;	2.08;	3950;	occ;	80;	0;	14888	
3;	-2231.5;	04-JAN-2005	04:45:01;	Bright;	50.5;	87;	64Gam	UMA	;	2.43;	11000;	occ;	101;	0;	14888	
4;	-2083.3;	04-JAN-2005	04:47:29;	Bright;	46.5;	55;	79Zet	UMA	;	2.06;	10200;	occ;	93;	0;	14888	
5;	-1939.5;	04-JAN-2005	04:49:53;	Bright;	49.0;	39;	85Eta	UMA	;	1.85;	24000;	occ;	98;	0;	14888	
6;	-1704.7;	04-JAN-2005	04:53:48;	Bright;	66.0;	152;	12Alp2	CVn	;	2.89;	11000;	occ;	132;	0;	14888	
7;	-1452.4;	04-JAN-2005	04:58:00;	Bright;	45.5;	83;			;	2.38;	11000;	occ;	91;	0;	14888	
8;	-1243.6;	04-JAN-2005	05:01:29;	Bright;	60.5;	3;	16Alp	Boo	;	-0.05;	4250;	occ;	121;	0;	14888	
9;	-1131.9;	04-JAN-2005	05:03:21;	Bright;	47.5;	102;	24Alp	Ser	;	2.60;	4250;	occ;	95;	0;	14888	
10;	-995.5;	04-JAN-2005	05:05:37;	Bright;	38.0;	120;	1Del	Oph	;	2.73;	3200;	occ;	76;	0;	14888	
11;	-820.3;	04-JAN-2005	05:08:32;	Bright;	42.0;	104;	27Bet	Lib	;	2.61;	13100;	occ;	84;	0;	14888	
12;	-653.3;	04-JAN-2005	05:11:19;	Dark	;	44.0;	122;	9Alp2	Lib	;	2.75;	9700;	occ;	88;	0;	14888
13;	-404.3;	04-JAN-2005	05:15:28;	Dark	;	76.5;	15;	67Alp	Vir	;	0.98;	28000;	occ;	153;	0;	14888
14;	-259.6;	04-JAN-2005	05:17:53;	Dark	;	40.0;	109;	Bet	Lup	;	2.68;	26000;	occ;	80;	0;	14888
15;	-170.4;	04-JAN-2005	05:19:22;	Dark	;	41.5;	78;	Alp	Lup	;	2.30;	28000;	occ;	83;	0;	14888
16;	-73.3;	04-JAN-2005	05:20:59;	Dark	;	42.0;	95;	Zet	Cen	;	2.55;	26000;	occ;	84;	0;	14888
17;	13.7;	04-JAN-2005	05:22:26;	Dark	;	53.0;	4;	Alp1	Cen	;	-0.01;	5800;	occ;	106;	0;	14889
18;	192.6;	04-JAN-2005	05:25:25;	Dark	;	50.5;	20;	Bet	Cru	;	1.25;	30000;	occ;	101;	0;	14889
19;	414.3;	04-JAN-2005	05:29:07;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	14889
20;	563.2;	04-JAN-2005	05:31:36;	Dark	;	46.5;	29;	Bet	Car	;	1.67;	10200;	occ;	93;	0;	14889
21;	655.5;	04-JAN-2005	05:33:08;	Dark	;	40.5;	71;	Iot	Car	;	2.25;	7700;	occ;	81;	0;	14889
22;	745.7;	04-JAN-2005	05:34:38;	Dark	;	53.0;	41;	Eps	Car	;	1.86;	4100;	occ;	106;	0;	14889
23;	878.7;	04-JAN-2005	05:36:51;	Dark	;	53.5;	65;	Lam	Vel	;	2.20;	4400;	occ;	107;	0;	14889
24;	989.5;	04-JAN-2005	05:38:42;	Dark	;	49.5;	2;	Alp	Car	;	-0.74;	7000;	occ;	99;	0;	14889
25;	1188.7;	04-JAN-2005	05:42:01;	Dark	;	49.0;	117;	Pi	Pup	;	2.71;	3800;	occ;	98;	0;	14889
26;	1351.5;	04-JAN-2005	05:44:44;	Dark	;	46.0;	23;	21Eps	CMa	;	1.50;	26000;	occ;	92;	0;	14889
27;	1442.9;	04-JAN-2005	05:46:16;	Dark	;	45.5;	179;	24Omi2	CMa	;	3.03;	24000;	occ;	91;	0;	14889
28;	1586.0;	04-JAN-2005	05:48:39;	Dark	;	57.0;	1;	9Alp	CMa	;	-1.44;	11000;	occ;	114;	0;	14889
29;	1774.8;	04-JAN-2005	05:51:47;	Dark	;	45.0;	7;	19Bet	Ori	;	0.10;	14000;	occ;	90;	0;	14889
30;	1883.8;	04-JAN-2005	05:53:36;	Dark	;	43.5;	30;	46Eps	Ori	;	1.69;	30000;	occ;	87;	0;	14889
31;	2065.2;	04-JAN-2005	05:56:38;	Dark	;	65.0;	8;	10Alp	CMi	;	0.40;	6500;	occ;	130;	0;	14889
32;	2212.5;	04-JAN-2005	05:59:05;	Dark	;	50.5;	44;	24Gam	Gem	;	1.93;	11000;	occ;	101;	0;	14889
33;	2311.4;	04-JAN-2005	06:00:44;	Bright;	49.0;	151;	13Mu	Gem	;	2.89;	3000;	occ;	98;	0;	14889	
34;	2473.4;	04-JAN-2005	06:03:26;	Bright;	39.5;	114;	3Iot	Aur	;	2.69;	4600;	occ;	79;	0;	14889	
35;	2554.8;	04-JAN-2005	06:04:47;	Bright;	38.5;	107;	37The	Aur	;	2.65;	11000;	occ;	77;	0;	14889	
36;	2687.7;	04-JAN-2005	06:07:00;	Bright;	44.5;	6;	13Alp	Aur	;	0.08;	3400;	occ;	89;	0;	14889	
37;	2814.3;	04-JAN-2005	06:09:07;	Bright;	37.5;	35;	33Alp	Per	;	1.79;	6250;	occ;	75;	0;	14889	
38;	2892.7;	04-JAN-2005	06:10:25;	Bright;	38.5;	160;	23Gam	Per	;	2.93;	4700;	occ;	77;	0;	14889	
39;	3421.1;	04-JAN-2005	06:19:14;	Bright;	38.5;	49;	1Alp	UMi	;	1.99;	6300;	occ;	77;	0;	14889	
40;	3561.6;	04-JAN-2005	06:21:34;	Bright;	45.5;	36;	50Alp	UMA	;	1.80;	6300;	occ;	91;	0;	14889	

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1;	-2353.1;	04-JAN-2005	06:23:35;	Bright;	38.0;	60;	7Bet	UMi	;	2.08;	3950;	occ;	76;	0;	14889	
2;	-2232.4;	04-JAN-2005	06:25:36;	Bright;	54.5;	87;	64Gam	UMA	;	2.43;	11000;	occ;	109;	0;	14889	
3;	-2083.3;	04-JAN-2005	06:28:05;	Bright;	48.5;	55;	79Zet	UMA	;	2.06;	10200;	occ;	97;	0;	14889	
4;	-1939.7;	04-JAN-2005	06:30:29;	Bright;	48.0;	39;	85Eta	UMA	;	1.85;	24000;	occ;	96;	0;	14889	
5;	-1705.0;	04-JAN-2005	06:34:24;	Bright;	67.0;	152;	12Alp2	CVn	;	2.89;	11000;	occ;	134;	0;	14889	
6;	-1452.2;	04-JAN-2005	06:38:36;	Bright;	45.5;	83;			;	2.38;	11000;	occ;	91;	0;	14889	
7;	-1243.1;	04-JAN-2005	06:42:05;	Bright;	58.5;	3;	16Alp	Boo	;	-0.05;	4250;	occ;	117;	0;	14889	
8;	-1132.3;	04-JAN-2005	06:43:56;	Bright;	40.5;	102;	24Alp	Ser	;	2.60;	4250;	occ;	81;	0;	14889	
9;	-995.8;	04-JAN-2005	06:46:13;	Bright;	38.0;	120;	1Del	Oph	;	2.73;	3200;	occ;	76;	0;	14889	
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11;	-652.2;	04-JAN-2005	06:51:56;	Dark	;	46.5;	122;	9Alp2	Lib	;	2.75;	9700;	occ;	93;	0;	14889
12;	-403.2;	04-JAN-2005	06:56:05;	Dark	;	76.0;	15;	67Alp	Vir	;	0.98;	28000;	occ;	152;	0;	14889
13;	-258.8;	04-JAN-2005	06:58:30;	Dark	;	39.5;	109;	Bet	Lup	;	2.68;	26000;	occ;	79;	0;	14889
14;	-170.0;	04-JAN-2005	06:59:59;	Dark	;	42.5;	78;	Alp	Lup	;	2.30;	28000;	occ;	85;	0;	14889
15;	-72.3;	04-JAN-2005	07:01:36;	Dark	;	42.5;	95;	Zet	Cen	;	2.55;	26000;	occ;	85;	0;	14889
16;	14.4;	04-JAN-2005	07:03:03;	Dark	;	53.0;	4;	Alp1	Cen	;	-0.01;	5800;	occ;	106;	0;	14890
17;	146.9;	04-JAN-2005	07:05:15;	Dark	;	46.0;	64;	Gam	Cen	;	2.20;	10600;	occ;	92;	0;	14890
18;	254.2;	04-JAN-2005	07:07:03;	Dark	;	41.0;	12;	Alp1	Cru	;	0.77;	30000;	occ;	82;	0;	14890
19;	414.6;	04-JAN-2005	07:09:43;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	14890
20;	564.0;	04-JAN-2005	07:12:12;	Dark	;	41.5;	29;	Bet	Car	;	1.67;	10200;	occ;	83;	0;	14890
21;	656.2;	04-JAN-2005	07:13:45;	Dark	;	42.0;	71;	Iot	Car	;	2.25;	7700;	occ;	84;	0;	14890
22;	746.2;	04-JAN-2005	07:15:15;	Dark	;	53.0;	41;	Eps	Car	;	1.86;	4100;	occ;	106;	0;	14890
23;	879.8;	04-JAN-2005	07:17:28;	Dark	;	58.5;	65;	Lam	Vel	;	2.20;	4400;	occ;	117;	0;	14890
24;	990.1;	04-JAN-2005	07:19:19;	Dark	;	44.0;	2;	Alp	Car	;	-0.74;	7000;	occ;	88;	0;	14890
25;	1071.3;	04-JAN-2005	07:20:40;	Dark	;	47.5;	70;	Zet	Pup	;	2.25;	39000;	occ;	95;	0;	14890
26;	1189.3;	04-JAN-2005	07:22:38;	Dark	;	45.0;	117;	Pi	Pup	;	2.71;	3800;	occ;	90;	0;	14890

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27; 1353.2; 04-JAN-2005 07:25:22; Dark ; 46.5; 23; 21Eps CMa ; 1.50; 26000;occ; 93; 0;14890
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11; -3142.6; 04-JAN-2005 07:51:02; Bright; 38.0; 160; 23Gam Per ; 2.93; 4700;occ; 76; 0;14890
12; -2614.2; 04-JAN-2005 07:59:50; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14890
13; -2475.2; 04-JAN-2005 08:02:09; Bright; 51.0; 36; 50Alp UMa ; 1.80; 6300;occ; 102; 0;14890
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16; -2114.7; 04-JAN-2005 08:08:10; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;14890
17; -1981.4; 04-JAN-2005 08:10:23; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;14890
18; -1682.8; 04-JAN-2005 08:15:22; Bright; 45.0; 180; 27Gam Boo ; 3.04; 8000;occ; 90; 0;14890
19; -1452.0; 04-JAN-2005 08:19:12; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;14890
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21; -1181.1; 04-JAN-2005 08:23:43; Bright; 59.5; 111; 8Eta Boo ; 2.68; 6000;occ; 119; 0;14890
22; -994.8; 04-JAN-2005 08:26:50; Bright; 38.0; 120; 1Del Oph ; 2.73; 3200;occ; 76; 0;14890
23; -818.4; 04-JAN-2005 08:29:46; Bright; 43.0; 104; 27Bet Lib ; 2.61; 13100;occ; 86; 0;14890
24; -651.6; 04-JAN-2005 08:32:33; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;14890
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26; -258.1; 04-JAN-2005 08:39:06; Dark ; 39.5; 109; Bet Lup ; 2.68; 26000;occ; 79; 0;14890
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29; 15.0; 04-JAN-2005 08:43:39; Dark ; 53.0; 4; Alp1Cen ; -0.01; 5800;occ; 106; 0;14891
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31; 254.9; 04-JAN-2005 08:47:39; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;14891
32; 414.8; 04-JAN-2005 08:50:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14891
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35; 746.9; 04-JAN-2005 08:55:51; Dark ; 54.5; 41; Eps Car ; 1.86; 4100;occ; 109; 0;14891
36; 880.7; 04-JAN-2005 08:58:05; Dark ; 55.5; 65; Lam Vel ; 2.20; 4400;occ; 111; 0;14891
37; 990.6; 04-JAN-2005 08:59:55; Dark ; 52.0; 2; Alp Car ; -0.74; 7000;occ; 104; 0;14891
38; 1072.0; 04-JAN-2005 09:01:16; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;14891
39; 1189.6; 04-JAN-2005 09:03:14; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;14891
40; 1353.5; 04-JAN-2005 09:05:58; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;14891
41; 1443.7; 04-JAN-2005 09:07:28; Dark ; 46.0; 179; 240mi2CMa ; 3.03; 24000;occ; 92; 0;14891
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43; 1775.7; 04-JAN-2005 09:13:00; Dark ; 5.0; 7; 19Bet Ori ; 0.10; 14000;occ; 10; 0;14891
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3; -4005.8; 04-JAN-2005 09:17:14; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 0;14891
4; -3823.0; 04-JAN-2005 09:20:17; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;14891
5; -3723.6; 04-JAN-2005 09:21:57; Bright; 43.5; 151; 13Mu Gem ; 2.89; 3000;occ; 87; 0;14891
6; -3562.1; 04-JAN-2005 09:24:38; Bright; 39.0; 114; 3Iot Aur ; 2.69; 4600;occ; 78; 0;14891
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13; -2352.7; 04-JAN-2005 09:44:48; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;14891
14; -2234.3; 04-JAN-2005 09:46:46; Bright; 56.0; 87; 64Gam UMa ; 2.43; 11000;occ; 112; 0;14891
15; -2114.7; 04-JAN-2005 09:48:46; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;14891
16; -1981.3; 04-JAN-2005 09:50:59; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;14891
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22; 2397.7; 12-JAN-2005 01:49:15; Bright; 38.0; 28; 12Bet Tau ; 1.65; 15200;occ; 76; 0;15001
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 5;-3846.0; 12-JAN-2005 13:29:59; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;15008
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 9;-3364.3; 12-JAN-2005 13:38:01; Bright; 39.0; 42; 34Bet Aur ; 1.90; 10200;occ; 78; 0;15008
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 12;-2369.3; 12-JAN-2005 13:54:36; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;15008
 13;-2210.1; 12-JAN-2005 13:57:15; Bright; 52.0; 32; 77Eps UMa ; 1.76; 11000;occ; 104; 0;15008
 14;-1965.1; 12-JAN-2005 14:01:20; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;15008
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 21; -746.7; 12-JAN-2005 14:21:39; Dark ; 50.0; 104; 27Bet Lib ; 2.61; 13100;occ; 100; 0;15008
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 28; 515.2; 12-JAN-2005 14:42:40; Dark ; 41.0; 124; The Car ; 2.76; 30000;occ; 82; 0;15009
 29; 604.0; 12-JAN-2005 14:44:09; Dark ; 43.5; 29; Bet Car ; 1.67; 10200;occ; 87; 0;15009
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28; 370.4; 12-JAN-2005 16:20:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;15010
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19;-1302.4; 12-JAN-2005 15:52:59; Bright; 35.5; 59; 55Alp Oph ; 2.08; 8900;occ; 71; 0;15009
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27; 264.9; 12-JAN-2005 16:19:06; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;15010
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29; 515.7; 12-JAN-2005 16:23:17; Dark ; 41.0; 124; The Car ; 2.76; 30000;occ; 82; 0;15010
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19;-1683.1; 12-JAN-2005 17:27:14; Bright; 72.0; 180; 27Gam Boo ; 3.04; 8000;occ; 144; 0;15010
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41; 5179.0; 15-JAN-2005 22:48:34; Bright; 41.0; 98; 13Zet Oph ; 2.57; 30000;occ; 82; 0;15056
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26; 2668.9; 15-JAN-2005 23:47:20; Bright; 39.0; 42; 34Bet Aur ; 1.90; 10200;occ; 78; 0;15057
27; 2929.0; 15-JAN-2005 23:51:40; Bright; 107.5; 166; 17Eps Leo ; 2.98; 6000;occ; 215; 0;15057
28; 3420.7; 15-JAN-2005 23:59:51; Bright; 41.0; 49; 1Alp UMi ; 1.99; 6300;occ; 82; 0;15057

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 33; 4263.7; 16-JAN-2005 00:13:54; Bright; 52.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 104; 0;15057
 34; 4453.4; 16-JAN-2005 00:17:04; Bright; 40.0; 133; 40Zet Her ; 2.81; 6000;occ; 80; 0;15057
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 33; 1135.9; 15-JAN-2005 14:58:47; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;15052
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16;-1839.5; 24-JAN-2005 11:05:16; Bright; 115.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 230; 0;15178
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19;-1142.1; 24-JAN-2005 11:16:53; Bright; 38.5; 126; 60Bet Oph ; 2.77; 4250;occ; 77; 0;15178
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