

GOMOS Daily Report 04-MAR-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	06MAR2005 05:01:35

Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START)-1D (04MAR2005 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (05MAR2005 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)

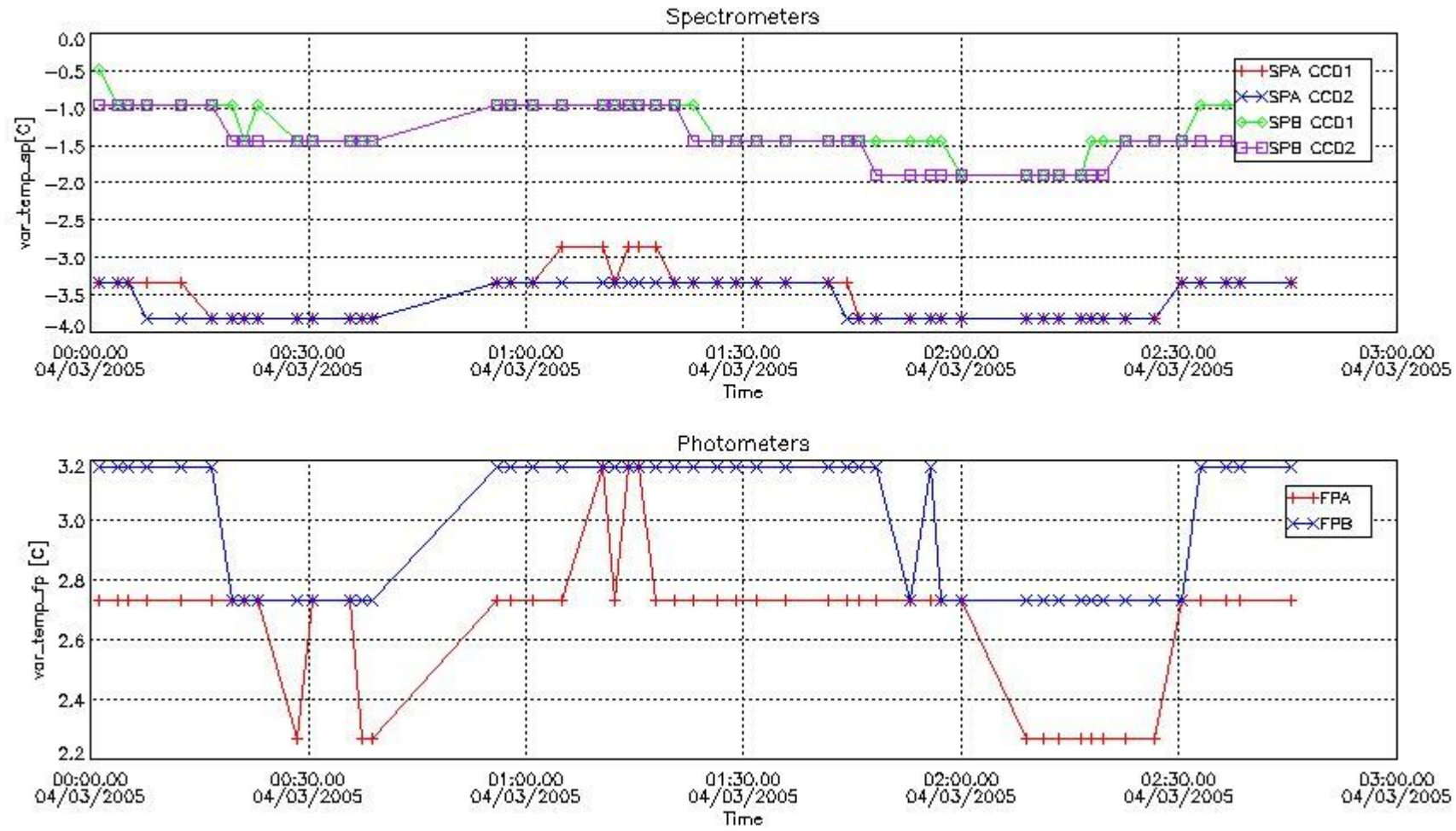
2.1 Level 0 products arrived in PCF (see template [here](#))

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_1PNPDE20050304_000108_000000412035_00145_15730_0011.N1	04-MAR-2005 00:01:08	Bright	41.000	22	32Alp Leo	1.3600	15200.	82	15730	No
2	GOM_TRA_1PNPDE20050304_000340_000000422035_00145_15730_0012.N1	04-MAR-2005 00:03:40	Bright	41.500	51	41Gam1Leo	2.0100	4500.0	83	15730	No
3	GOM_TRA_1PNPDE20050304_000515_000000492035_00145_15730_0013.N1	04-MAR-2005 00:05:15	Bright	48.500	96	68Del Leo	2.5600	9300.0	97	15730	No
4	GOM_TRA_1PNPDE20050304_000744_000000402035_00145_15730_0014.N1	04-MAR-2005 00:07:44	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	15730	No
5	GOM_TRA_1PNPDE20050304_001221_000000432035_00145_15730_0015.N1	04-MAR-2005 00:12:21	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	15730	No
6	GOM_TRA_1PNPDE20050304_001635_000000422035_00145_15730_0017.N1	04-MAR-2005 00:16:35	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	15730	No
7	GOM_TRA_1PNPDE20050304_001930_000000502035_00145_15730_0018.N1	04-MAR-2005 00:19:30	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	15730	No
8	GOM_TRA_1PNPDE20050304_002103_000000522035_00145_15730_0019.N1	04-MAR-2005 00:21:03	Bright	51.500	55	79Zet UMa	2.0600	10200.	103	15730	No
9	GOM_TRA_1PNPDE20050304_002304_000000362035_00145_15730_0020.N1	04-MAR-2005 00:23:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	15730	No
10	GOM_TRA_1PNPDE20050304_002824_000000462035_00145_15730_0021.N1	04-MAR-2005 00:28:24	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	15730	No
11	GOM_TRA_1PNPDE20050304_003039_000000342035_00145_15730_0022.N1	04-MAR-2005 00:30:39	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	15730	No
12	GOM_TRA_1PNPDE20050304_003545_000000372035_00145_15730_0024.N1	04-MAR-2005 00:35:45	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	15730	No
13	GOM_TRA_1PNPDE20050304_003719_000000372035_00145_15730_0025.N1	04-MAR-2005 00:37:19	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	15730	No
14	GOM_TRA_1PNPDE20050304_003853_000000362035_00145_15730_0026.N1	04-MAR-2005 00:38:53	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	15730	No
15	GOM_TRA_1PNPDE20050304_005557_000000422035_00145_15730_0000.N1	04-MAR-2005 00:55:57	Twilight	42.000	155	41Pi Sgr	2.9000	6600.0	84	15730	No
16	GOM_TRA_1PNPDE20050304_005749_000000462035_00145_15730_0001.N1	04-MAR-2005 00:57:49	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	15730	No
17	GOM_TRA_1PNPDE20050304_010100_000000502035_00145_15730_0002.N1	04-MAR-2005 01:01:00	Dark	49.500	38	20Eps Sgr	1.8360	11000.	99	15730	No
18	GOM_TRA_1PNPDE20050304_010453_000000452035_00145_15730_0003.N1	04-MAR-2005 01:04:53	Dark	45.000	40	The Sco	1.8590	7100.0	90	15730	No
19	GOM_TRA_1PNPDE20050304_011029_000000432035_00146_15731_0004.N1	04-MAR-2005 01:10:29	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	15731	No
20	GOM_TRA_1PNPDE20050304_011216_000000512035_00146_15731_0005.N1	04-MAR-2005 01:12:16	Dark	51.000	131	Gam Lup	2.8000	26000.	102	15731	No
21	GOM_TRA_1PNPDE20050304_011406_000000472035_00146_15731_0006.N1	04-MAR-2005 01:14:06	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	15731	No
22	GOM_TRA_1PNPDE20050304_011524_000000432035_00146_15731_0007.N1	04-MAR-2005 01:15:24	Dark	43.000	10	Bet Cen	0.61000	28000.	86	15731	No
23	GOM_TRA_1PNPDE20050304_011751_000000512035_00146_15731_0008.N1	04-MAR-2005 01:17:51	Dark	51.000	12	Alp1Cru	0.77500	30000.	102	15731	No
24	GOM_TRA_1PNPDE20050304_012026_000000442035_00146_15731_0009.N1	04-MAR-2005 01:20:26	Dark	44.000	64	Gam Cen	2.2000	10600.	88	15731	No
25	GOM_TRA_1PNPDE20050304_012258_000000372035_00146_15731_0010.N1	04-MAR-2005 01:22:58	Dark	36.500	91	Kap Vel	2.4900	26000.	73	15731	No
26	GOM_TRA_1PNPDE20050304_012617_000000482035_00146_15731_0011.N1	04-MAR-2005 01:26:17	Twilight	47.500	65	Lam Vel	2.2040	4400.0	95	15731	No
27	GOM_TRA_1PNPDE20050304_012859_000000632035_00146_15731_0012.N1	04-MAR-2005 01:28:59	Bright	63.000	106	9Bet Crv	2.6480	5600.0	126	15731	No
28	GOM_TRA_1PNPDE20050304_013150_000000632035_00146_15731_0013.N1	04-MAR-2005 01:31:50	Bright	63.000	100	4Gam Crv	2.5800	13100.	126	15731	No
29	GOM_TRA_1PNPDE20050304_013545_000000482035_00146_15731_0014.N1	04-MAR-2005 01:35:45	Bright	47.500	48	30Alp Hya	1.9770	4100.0	95	15731	No
30	GOM_TRA_1PNPDE20050304_014144_000000412035_00146_15731_0015.N1	04-MAR-2005 01:41:44	Bright	41.000	22	32Alp Leo	1.3600	15200.	82	15731	No
31	GOM_TRA_1PNPDE20050304_014416_000000442035_00146_15731_0016.N1	04-MAR-2005 01:44:16	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	15731	No
32	GOM_TRA_1PNPDE20050304_014550_000000482035_00146_15731_0017.N1	04-MAR-2005 01:45:50	Bright	47.500	96	68Del Leo	2.5600	9300.0	95	15731	No
33	GOM_TRA_1PNPDE20050304_014820_000000392035_00146_15731_0018.N1	04-MAR-2005 01:48:20	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	15731	No
34	GOM_TRA_1PNPDE20050304_015256_000000452035_00146_15731_0019.N1	04-MAR-2005 01:52:56	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	15731	No
35	GOM_TRA_1PNPDE20050304_015549_000000392035_00146_15731_0020.N1	04-MAR-2005 01:55:49	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	15731	No
36	GOM_TRA_1PNPDE20050304_015711_000000392035_00146_15731_0021.N1	04-MAR-2005 01:57:11	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	15731	No
37	GOM_TRA_1PNPDE20050304_020005_000000502035_00146_15731_0022.N1	04-MAR-2005 02:00:05	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	15731	No
38	GOM_TRA_1PNPDE20050304_020900_000000462035_00146_15731_0000.N1	04-MAR-2005 02:09:00	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	15731	No
39	GOM_TRA_1PNPDE20050304_021115_000000342035_00146_15731_0001.N1	04-MAR-2005 02:11:15	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	15731	No
40	GOM_TRA_1PNPDE20050304_021331_000000472035_00146_15731_0002.N1	04-MAR-2005 02:13:31	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	15731	No
41	GOM_TRA_1PNPDE20050304_021621_000000342035_00146_15731_0003.N1	04-MAR-2005 02:16:21	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	15731	No
42	GOM_TRA_1PNPDE20050304_021754_000000352035_00146_15731_0004.N1	04-MAR-2005 02:17:54	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	15731	No
43	GOM_TRA_1PNPDE20050304_021929_000000352035_00146_15731_0005.N1	04-MAR-2005 02:19:29	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	15731	No
44	GOM_TRA_1PNPDE20050304_022234_000000962035_00146_15731_0006.N1	04-MAR-2005 02:22:34	Bright	96.000	133	40Zet Her	2.8070	6000.0	192	15731	No
45	GOM_TRA_1PNPDE20050304_022639_000000422035_00146_15731_0007.N1	04-MAR-2005 02:26:39	Twilight	41.500	168	17Zet Aql	2.9860	11000.	83	15731	No
46	GOM_TRA_1PNPDE20050304_023025_000000762035_00146_15731_0008.N1	04-MAR-2005 02:30:25	Twilight	75.500	59	55Alp Oph	2.0800	8900.0	151	15731	No

47	GOM_TRA_1PNPDE20050304_023302_000000712035_00146_15731_0009.N1	04-MAR-2005 02:33:02	Twilight	71.000	126	60Bet Oph	2.7700	4250.0	142	15731	No
48	GOM_TRA_1PNPDE20050304_023633_000000422035_00146_15731_0010.N1	04-MAR-2005 02:36:33	Twilight	42.000	155	41Pi Sgr	2.9000	6600.0	84	15731	No
49	GOM_TRA_1PNPDE20050304_023825_000000452035_00146_15731_0011.N1	04-MAR-2005 02:38:25	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	15731	No
50	GOM_TRA_1PNPDE20050304_024530_000000462035_00146_15731_0012.N1	04-MAR-2005 02:45:30	Dark	45.500	40	The Sco	1.8590	7100.0	91	15731	No

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



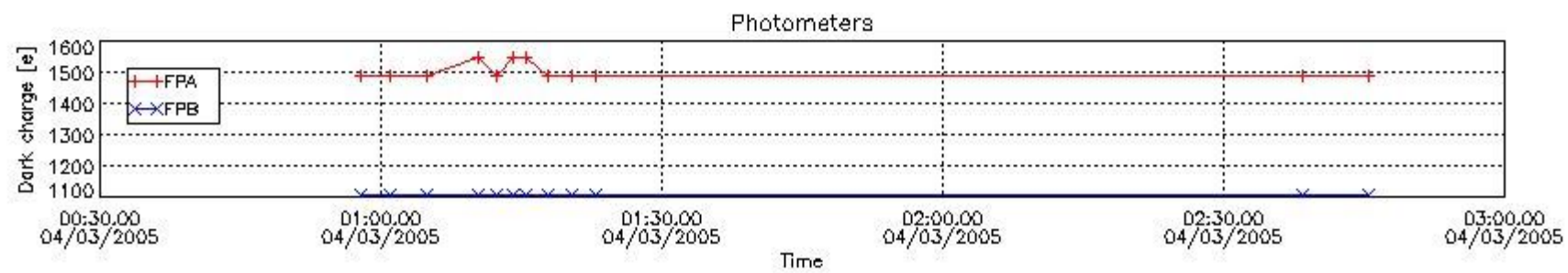
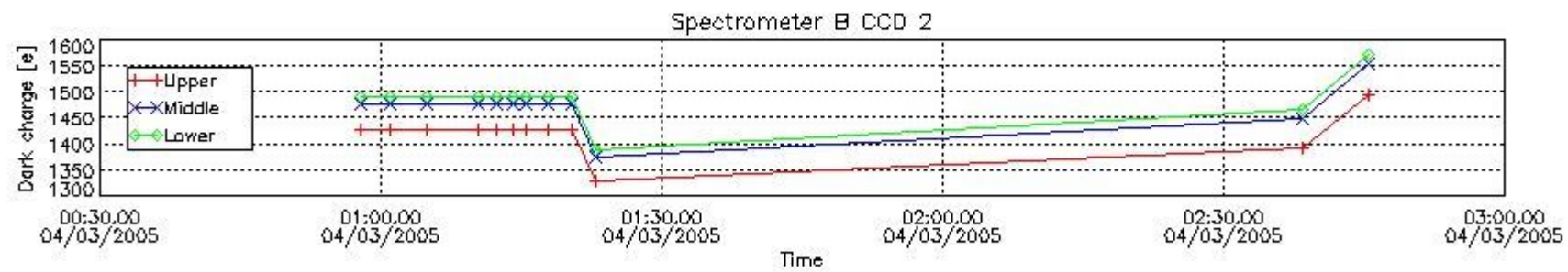
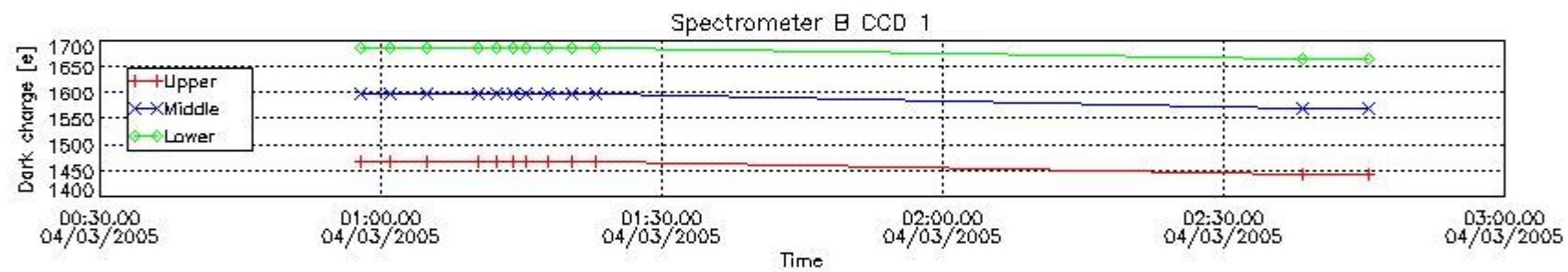
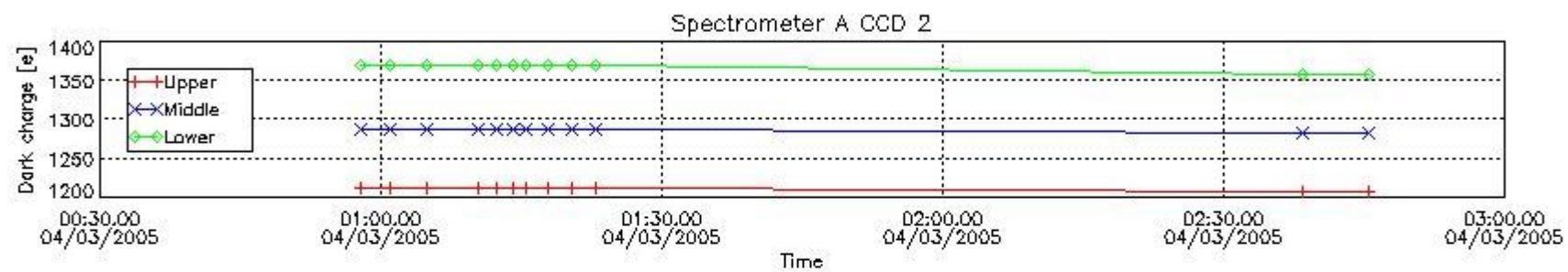
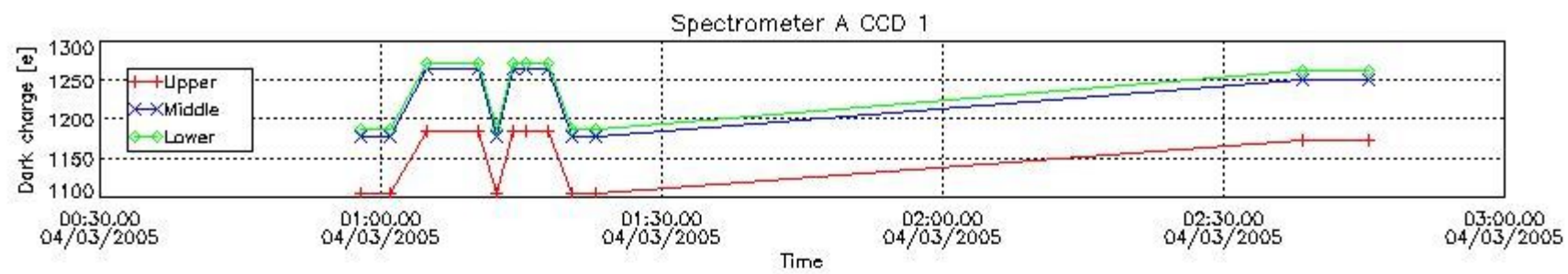
4. Overview of dark signal processing per product

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



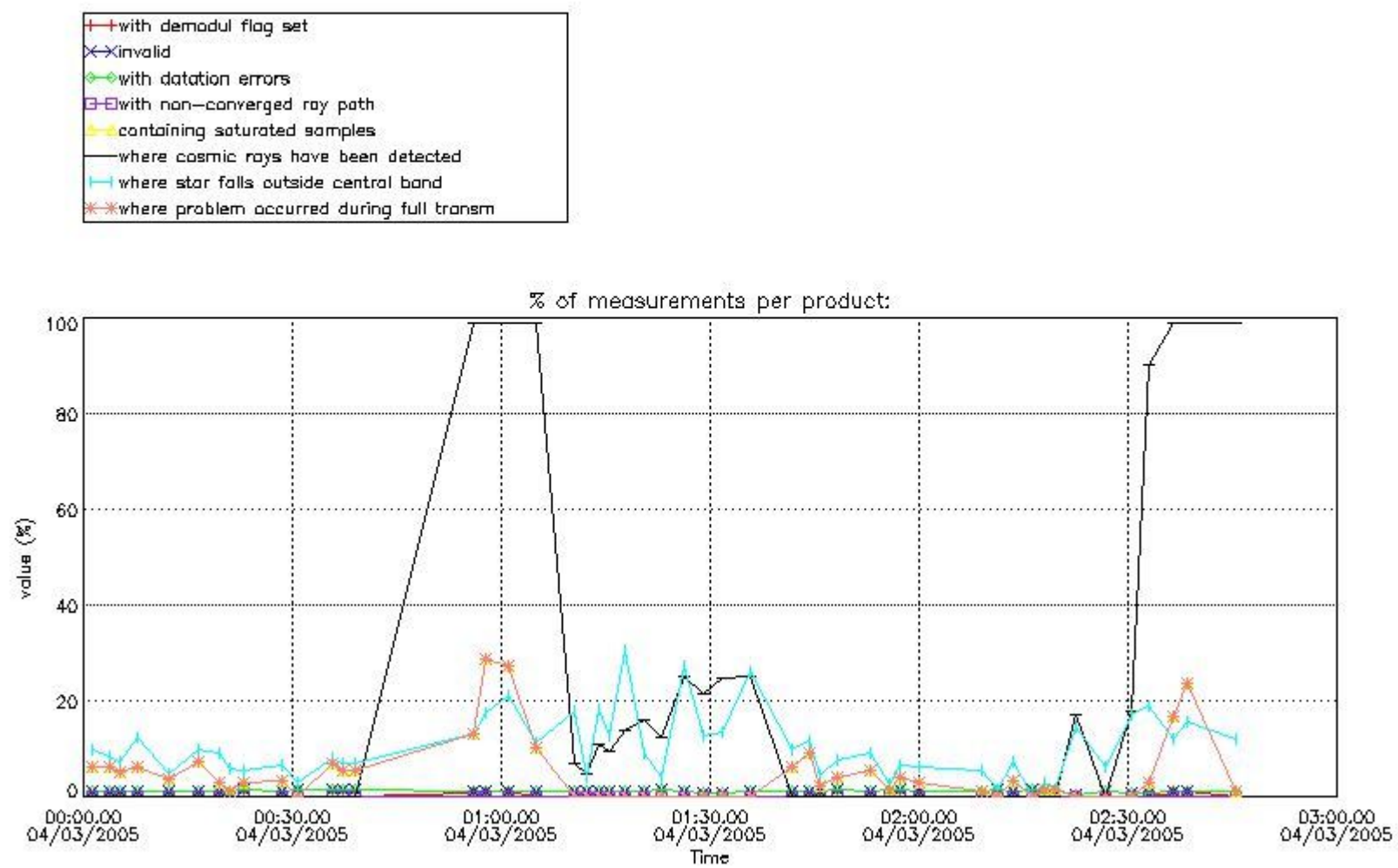
5. Demodulation flag and quality information monitoring

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.

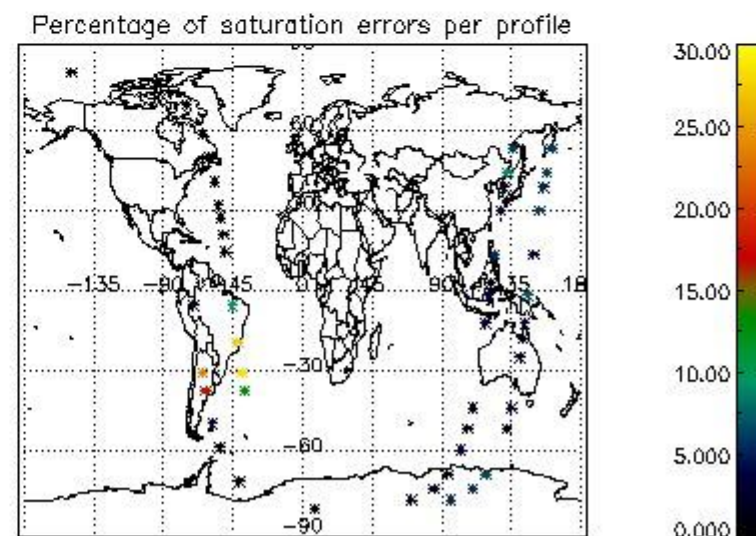
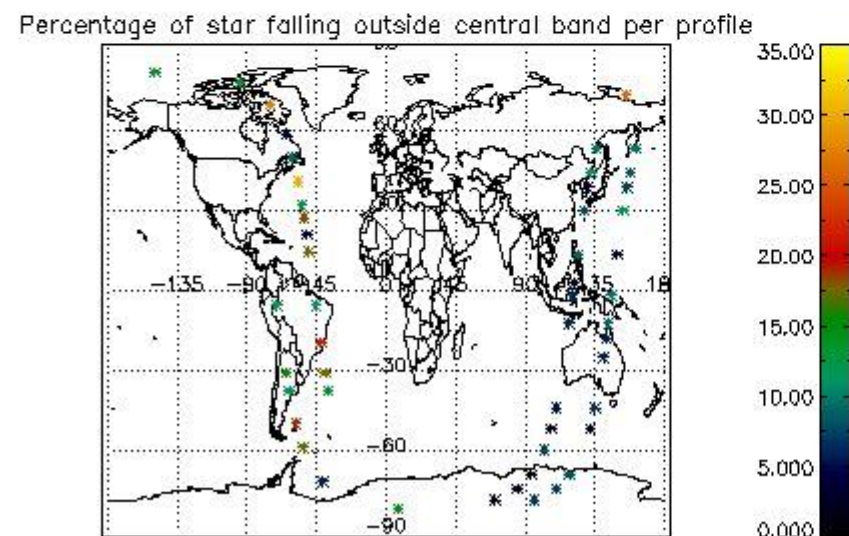
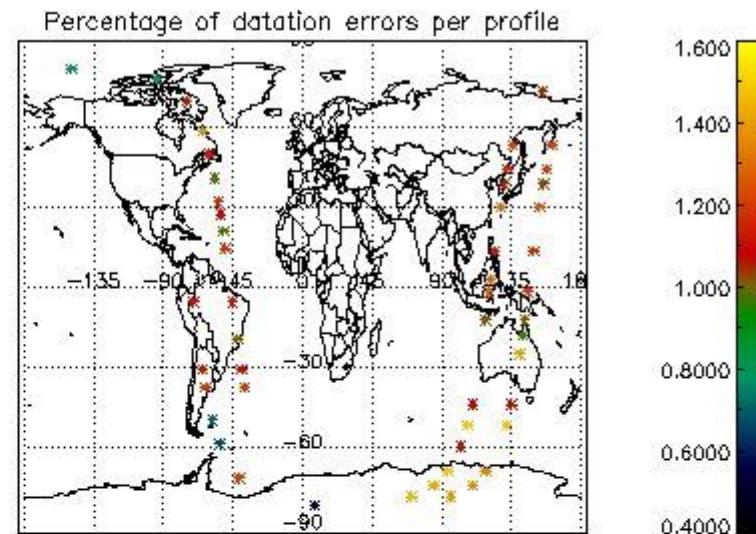
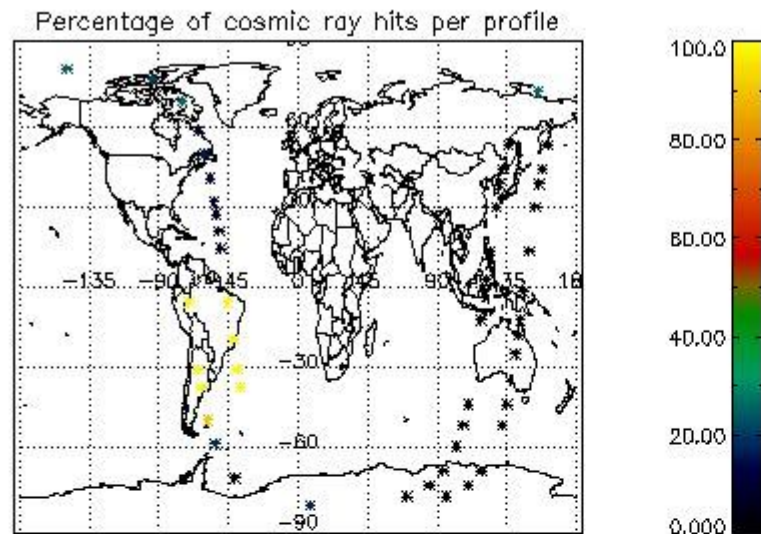
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	14.0000 %
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)



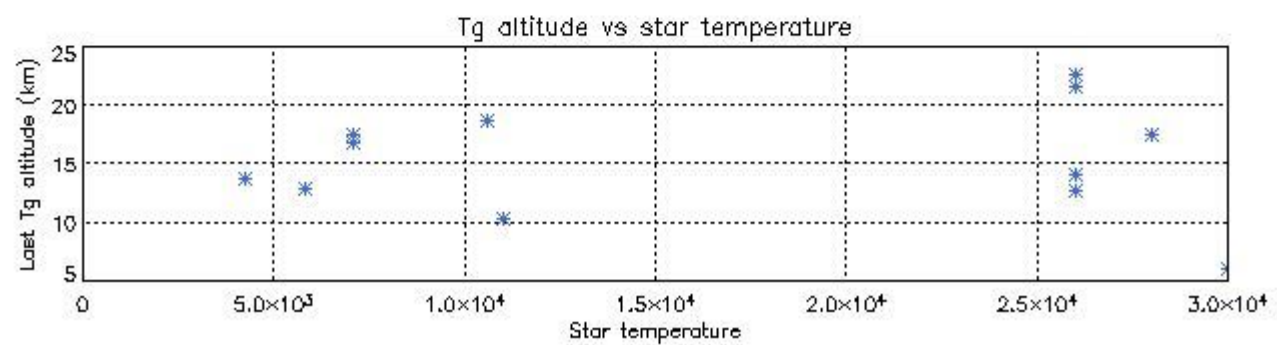
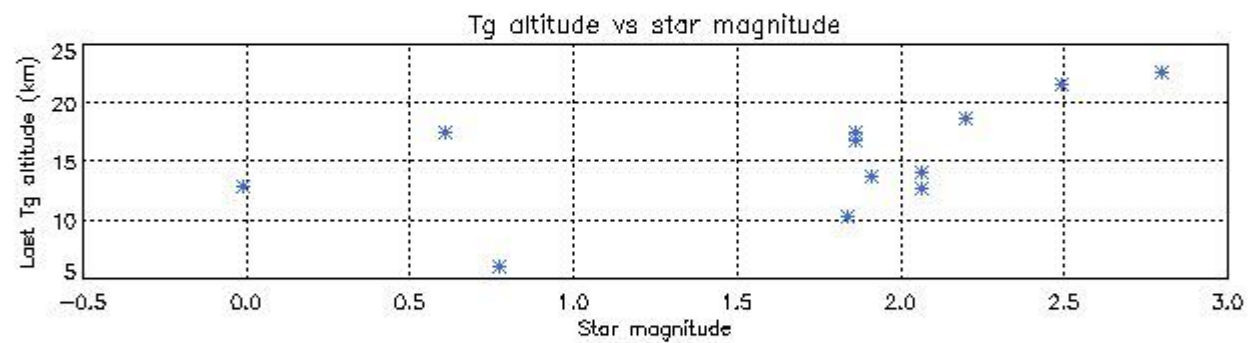
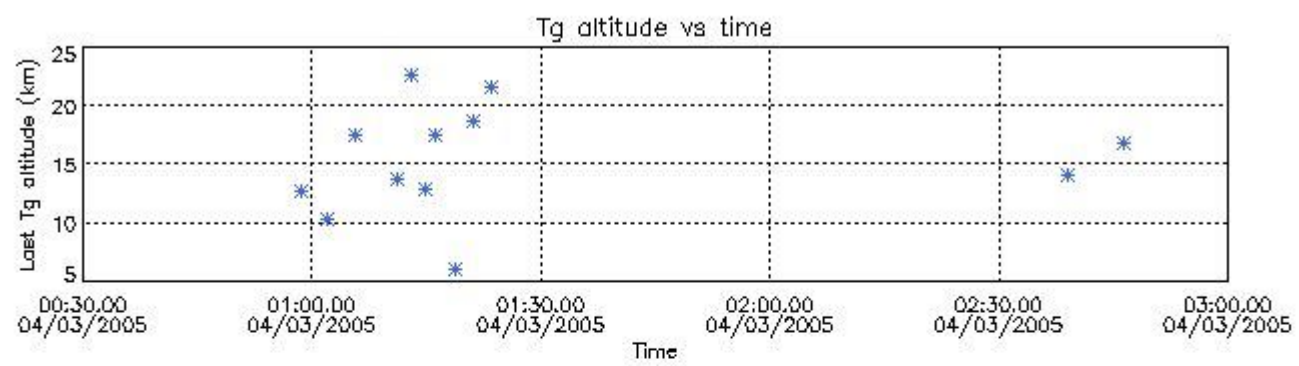
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.351	20.021	14.345
St. deviation:	4.7090	3.7892	3.9966
Maximum:	22.608	26.226	20.459
Minimum:	6.0411	8.2601	8.5675
Number of data:	12.000	32.000	6.0000

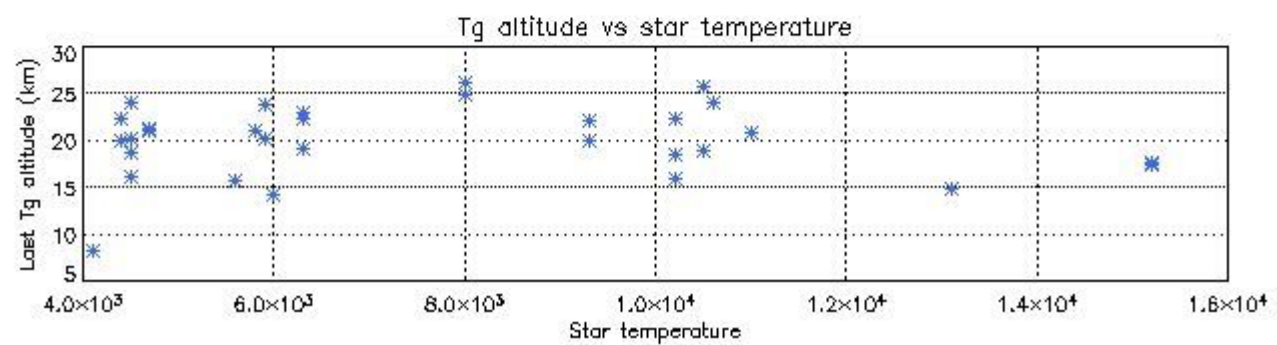
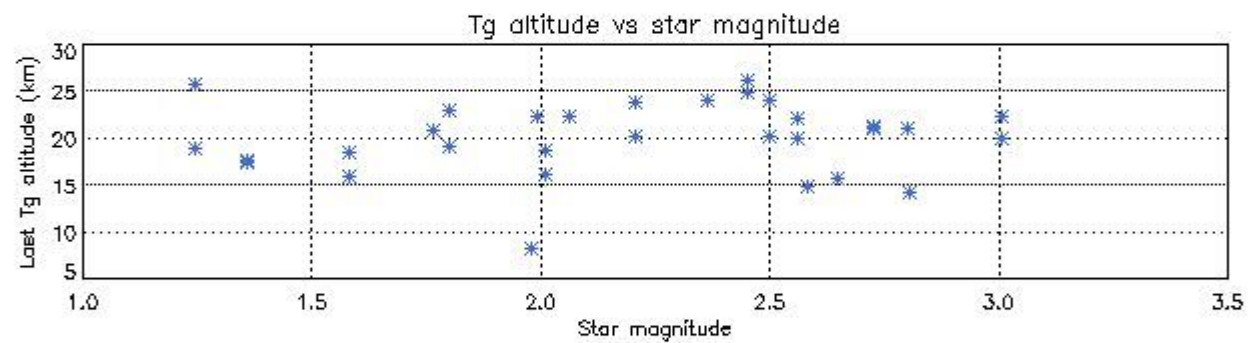
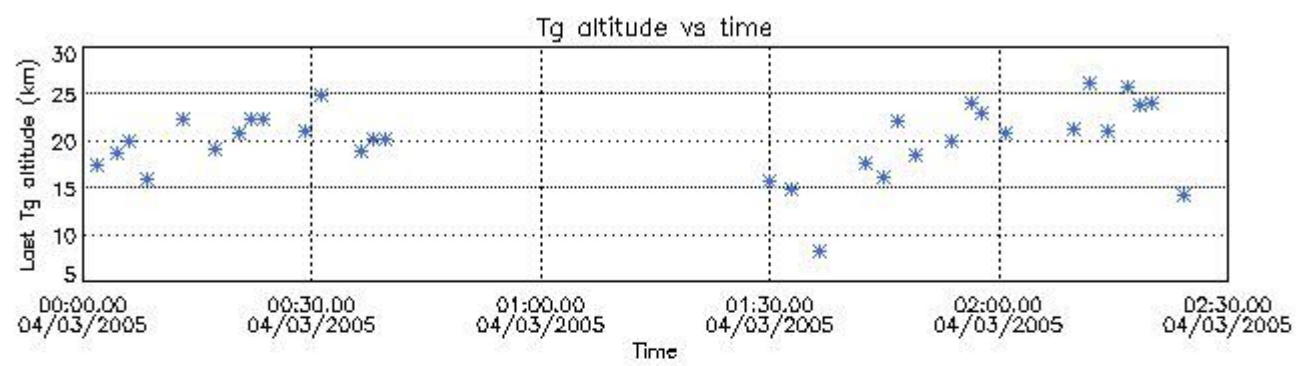
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



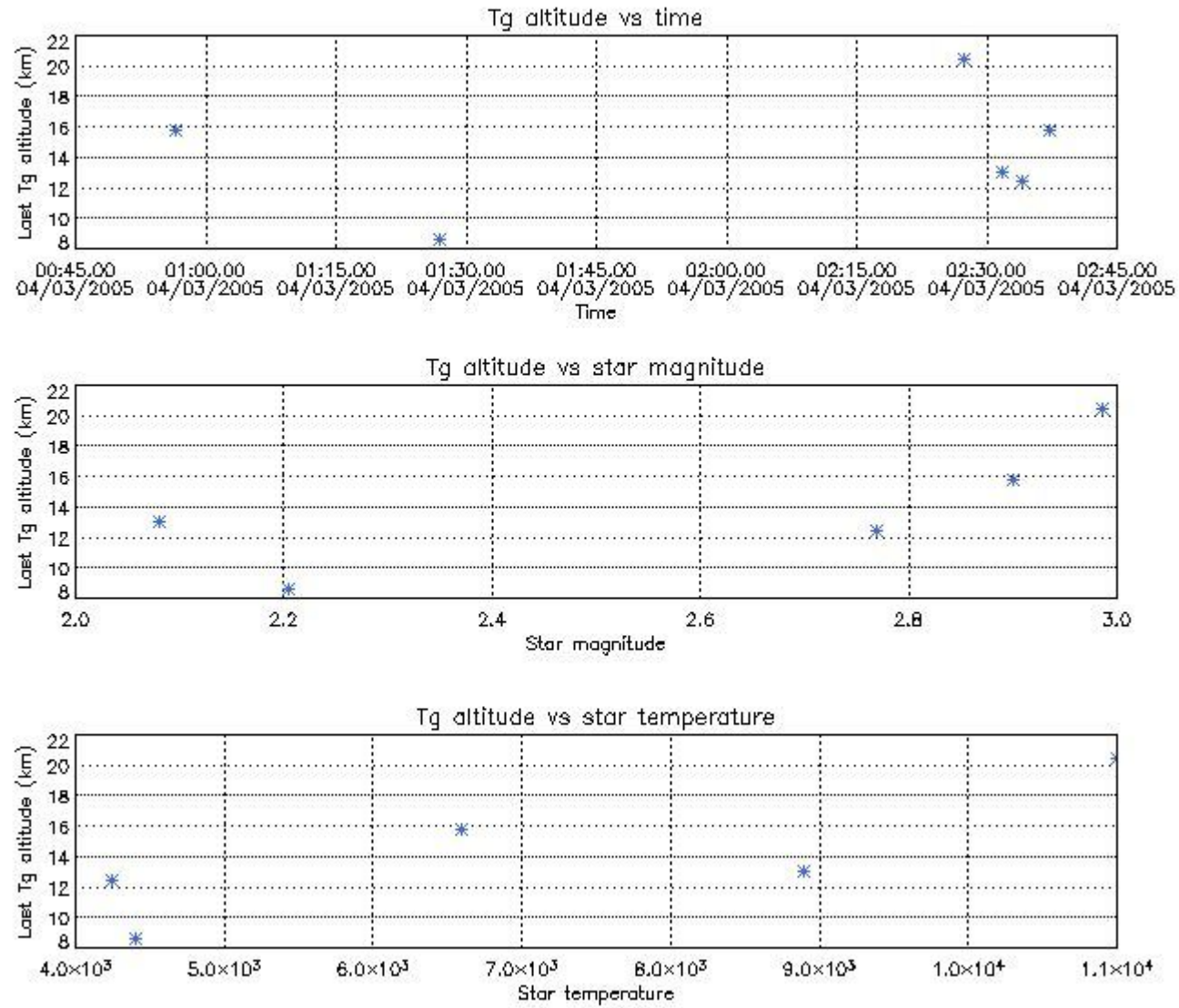
6.3 Plot for BRIGHT limb products

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

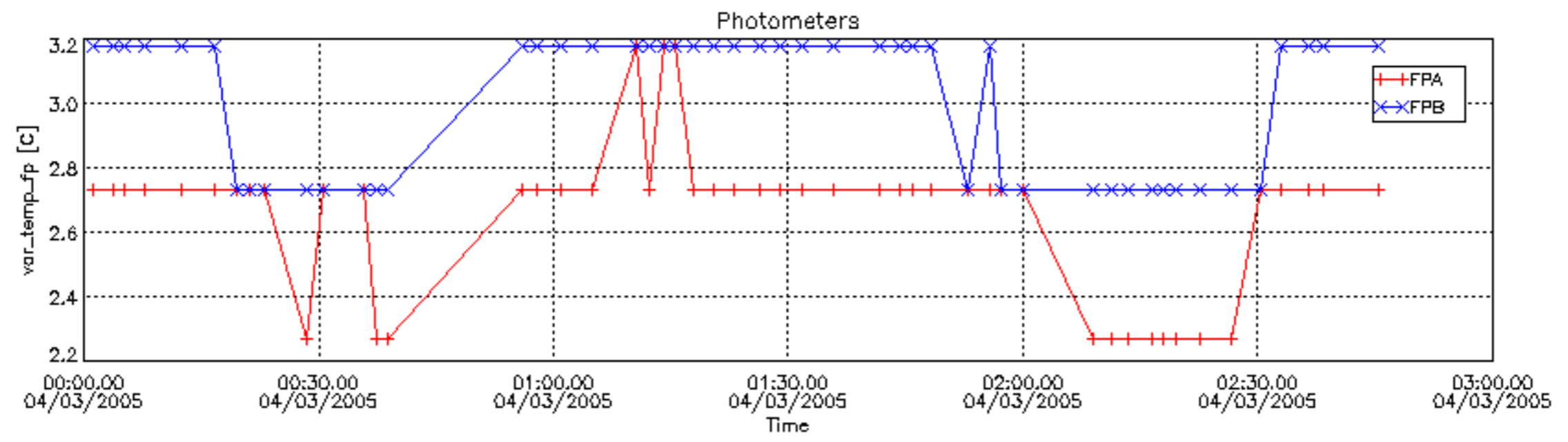
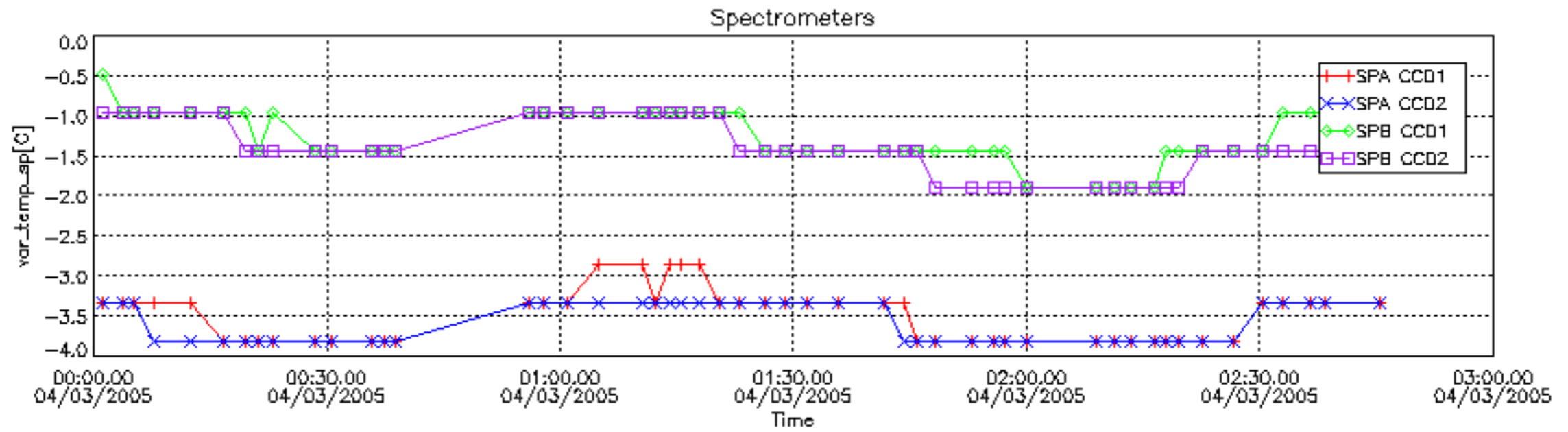
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: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

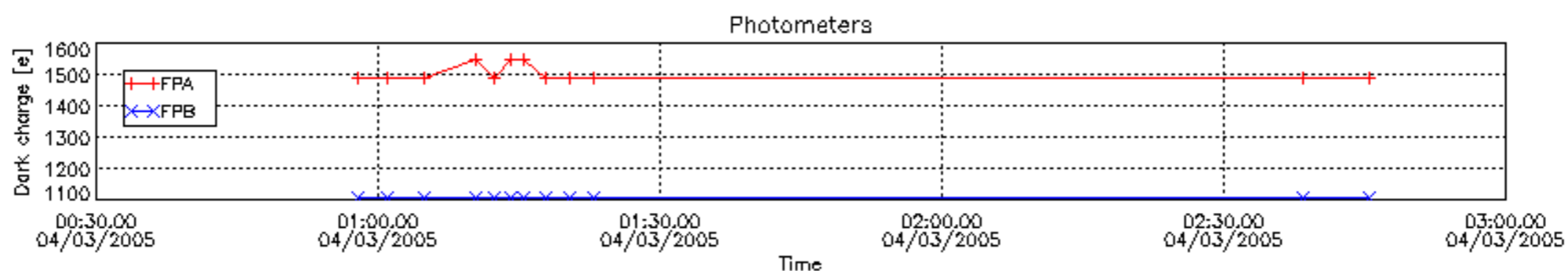
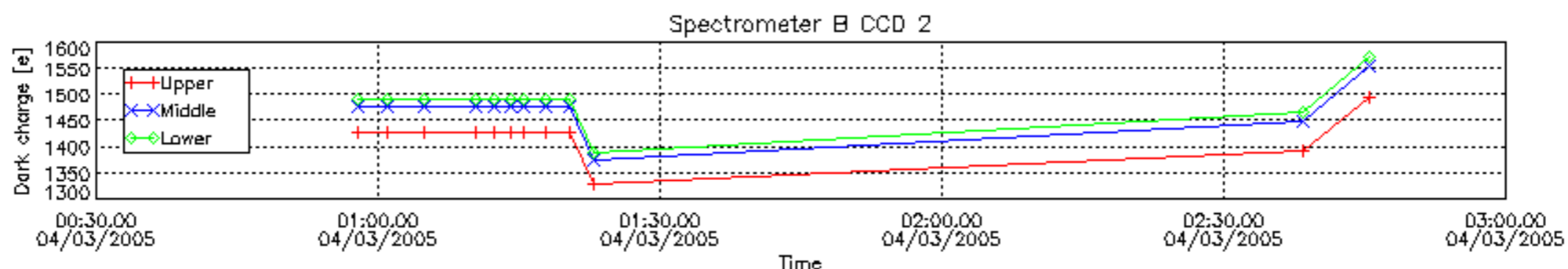
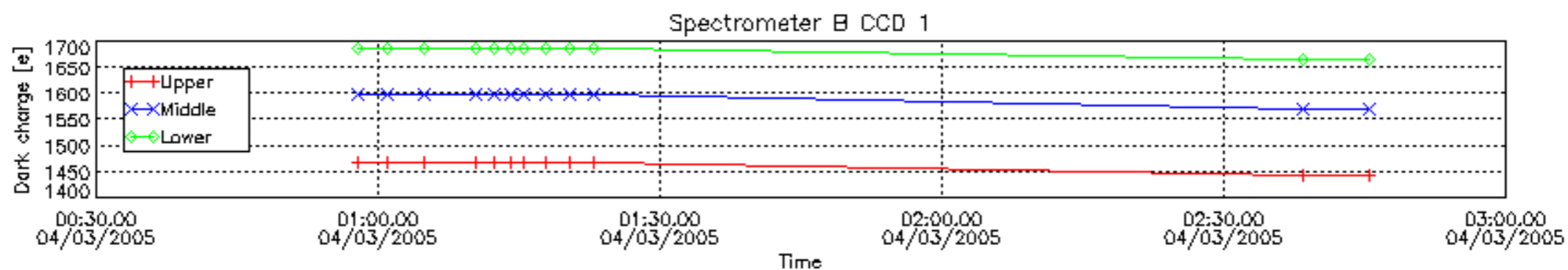
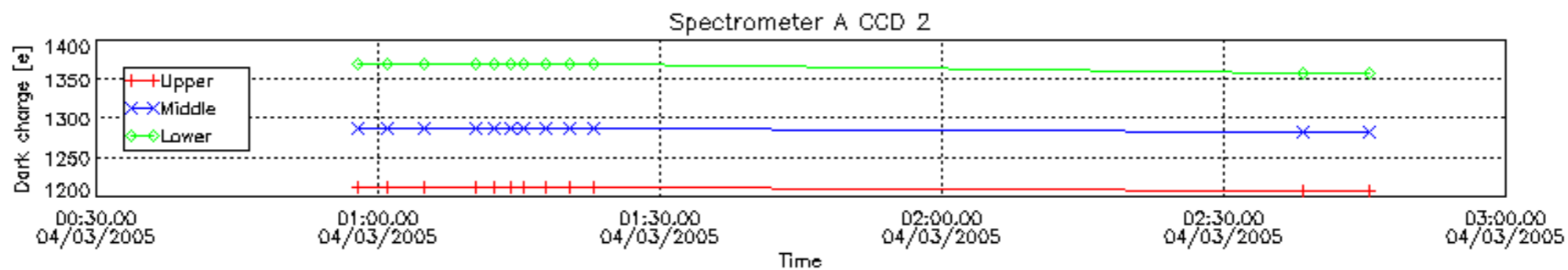
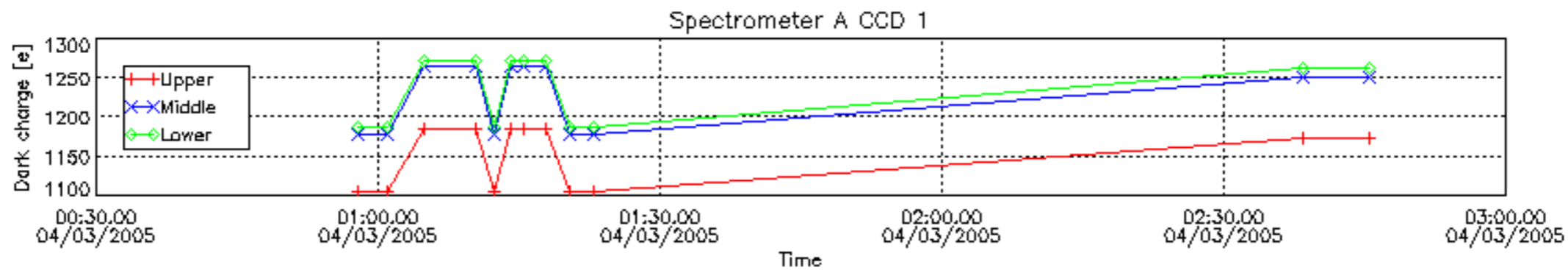
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1461.2	1446.9	1461.6	1447.5
St. deviation:	4.9694	6.1567	6.1302	7.3711
Maximum:	1508.0	1556.0	1506.0	1487.0
Minimum:	1449.0	1428.0	1439.0	1429.0
Number of data:	12750.	12750.	33400.	33400.

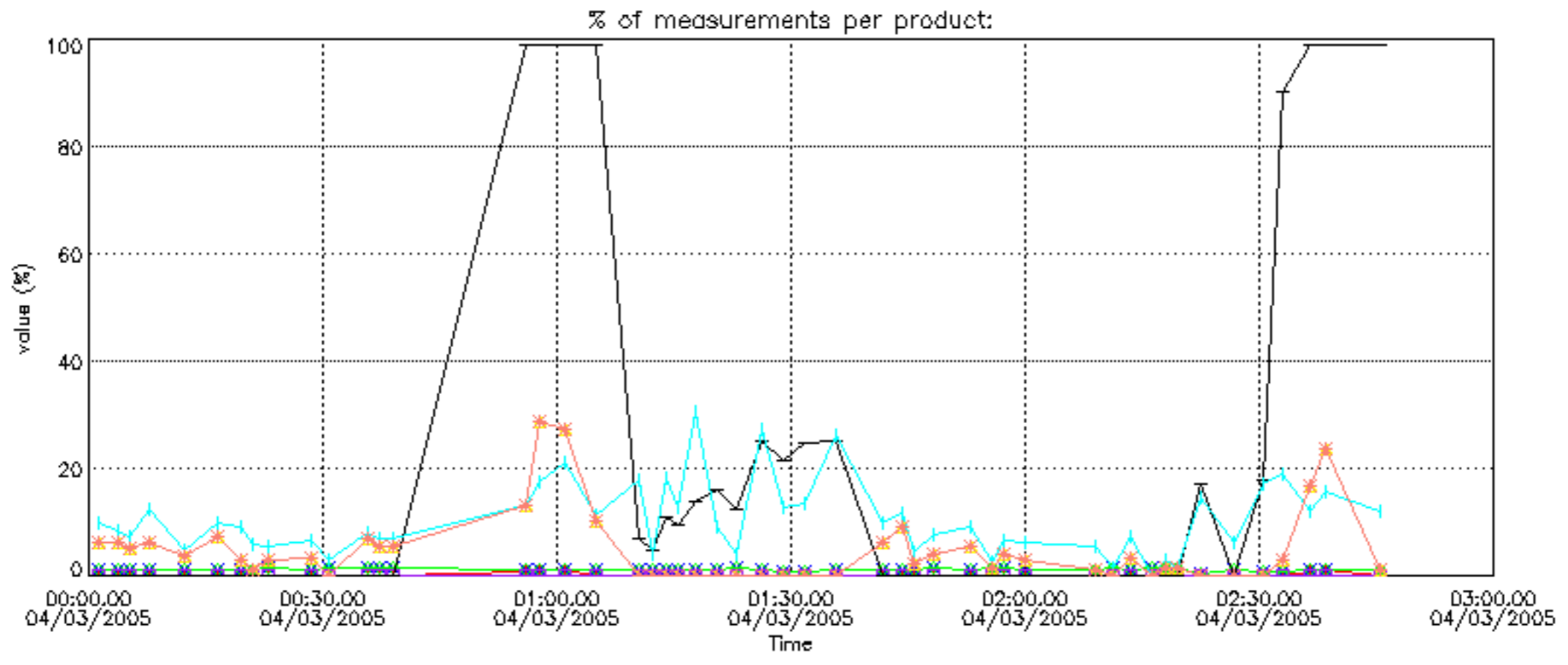
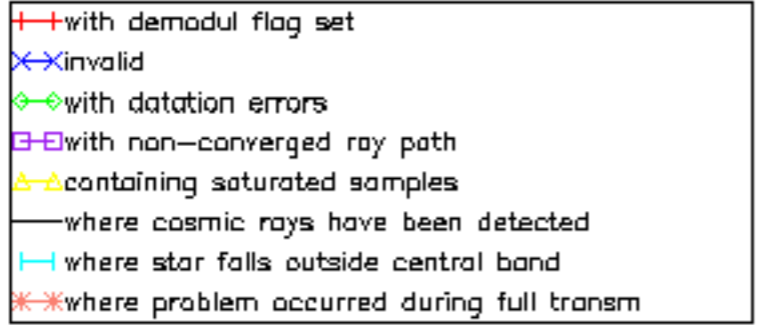
8. Auxiliary Data Files used for the production reported in section 2.2

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.

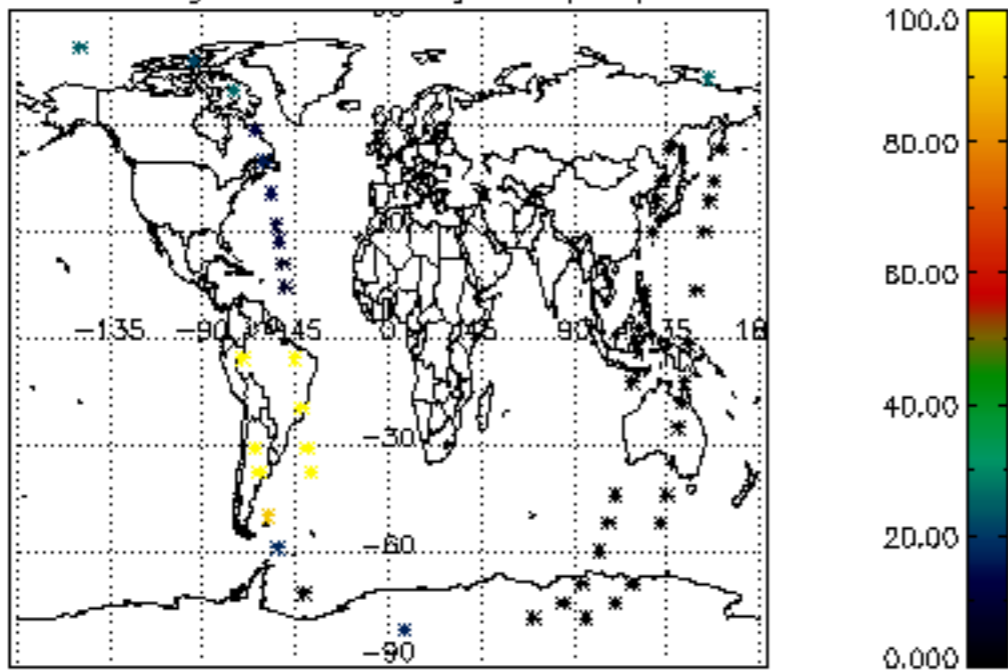
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20030716_105425_20030716_120000_20100101_000000	1	04-MAR-2005 00:01:08
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20050126_111922_20050123_000000_20100101_000000	1	04-MAR-2005 00:01:08
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20040401_083133_20020324_200000_20100101_000000	1	04-MAR-2005 00:01:08
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	04-MAR-2005 00:01:08
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20020121_165822_20020101_000000_20200101_000000	1	04-MAR-2005 00:01:08
ECMWF_FILE	AUX_ECF_AXNECM20050303_061258_20050303_210000_20050304_090000	1	04-MAR-2005 00:01:08
OPTIONAL_ECMWF_FILE	NOT USED	1	04-MAR-2005 00:01:08
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20050303_232233_20050303_182403_20050313_213052	1	04-MAR-2005 00:01:08



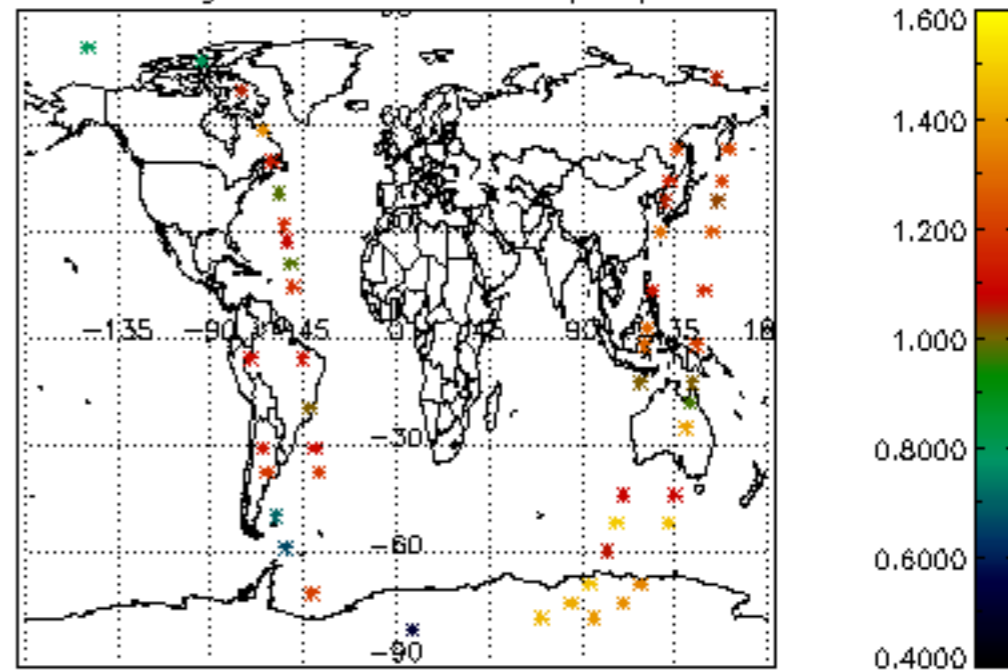




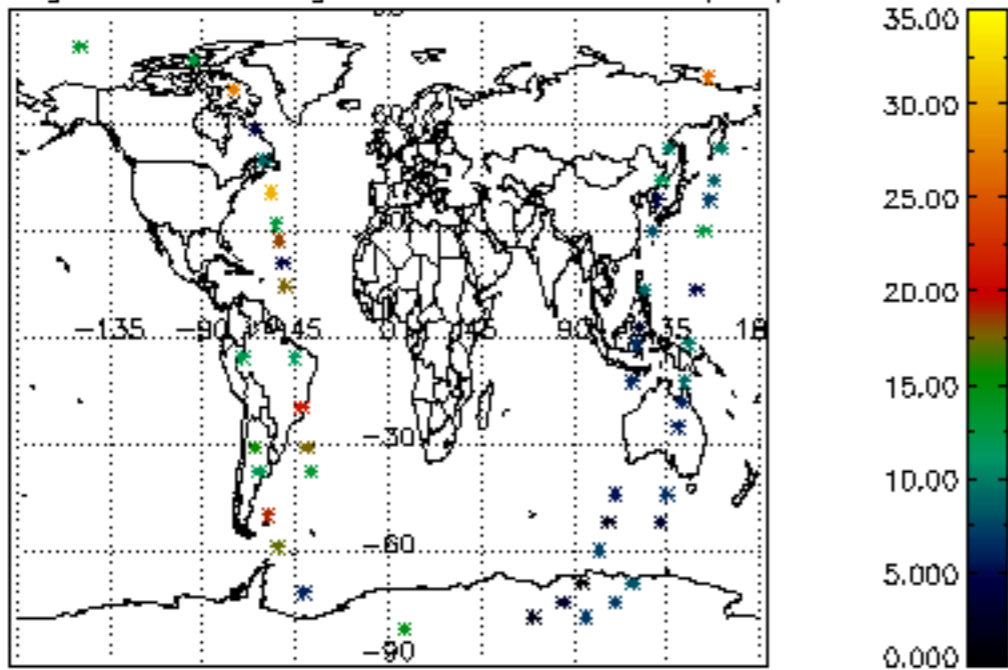
Percentage of cosmic ray hits per profile



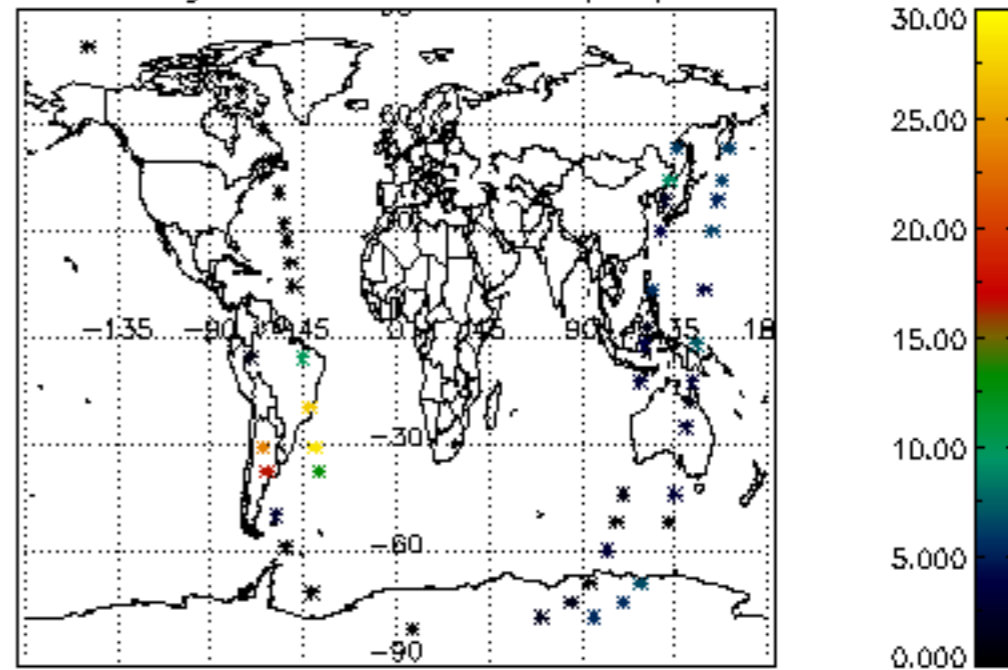
Percentage of datation errors per profile



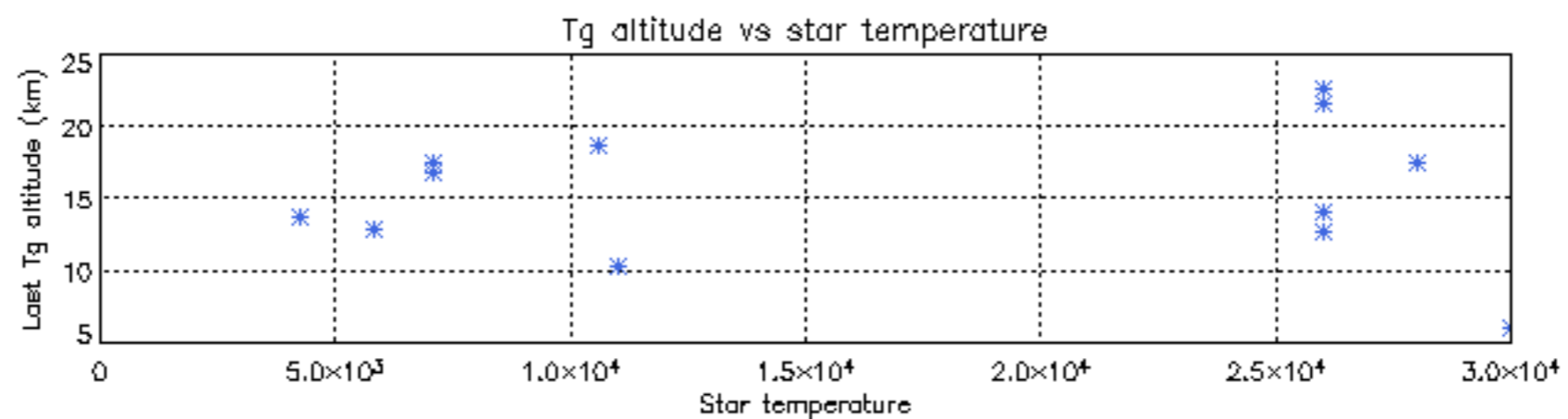
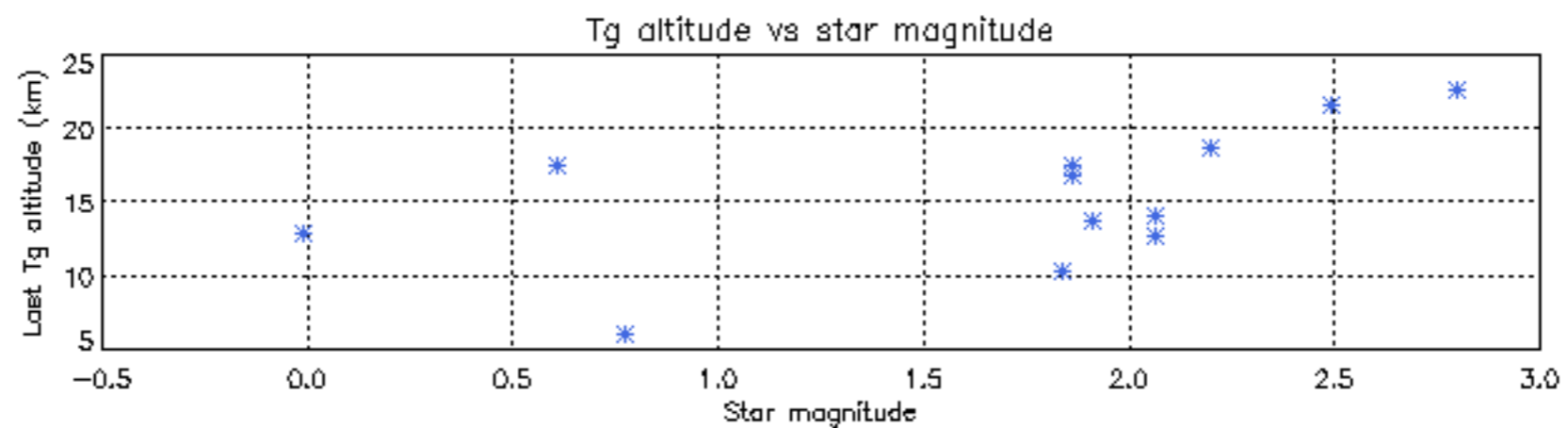
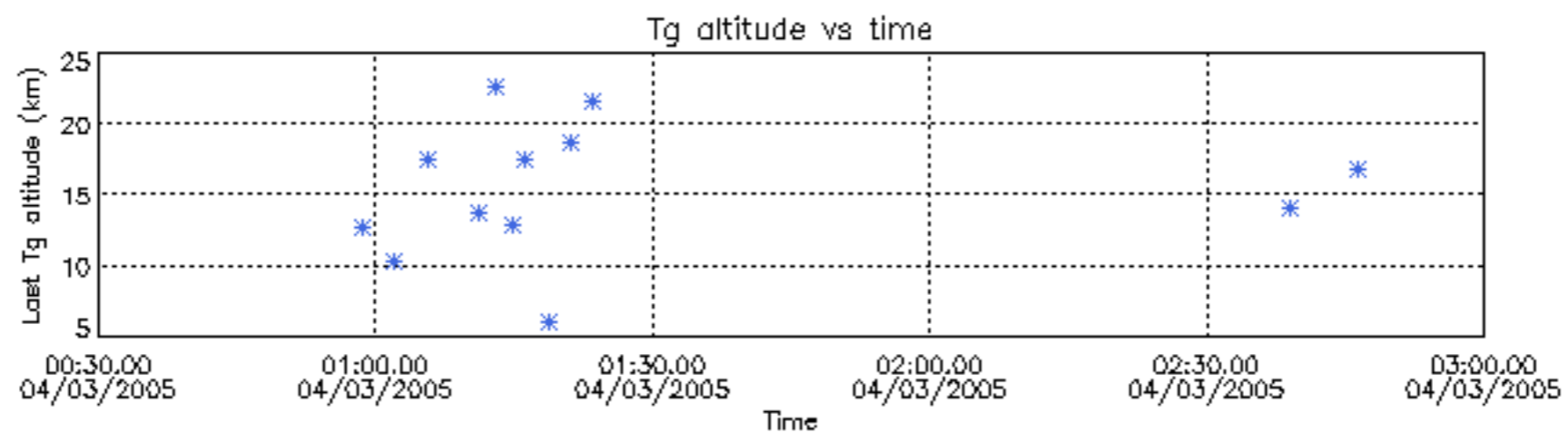
Percentage of star falling outside central band per profile



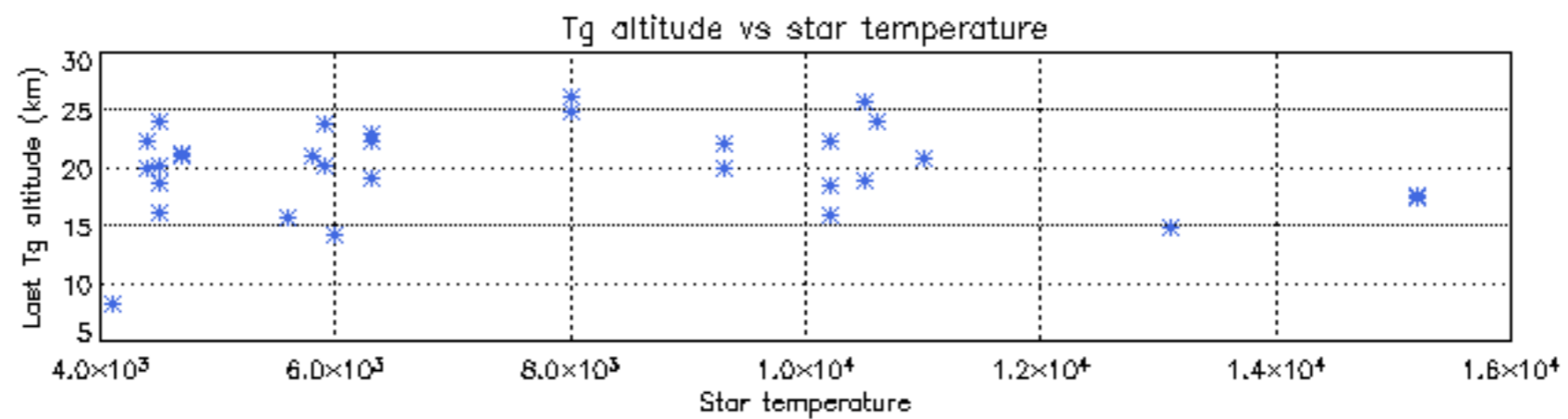
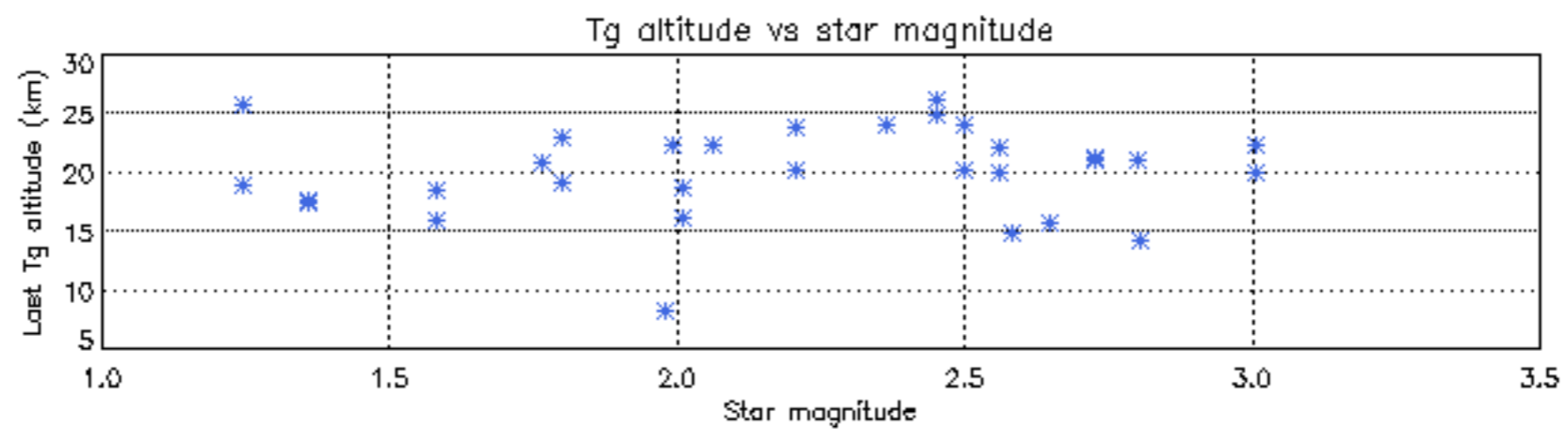
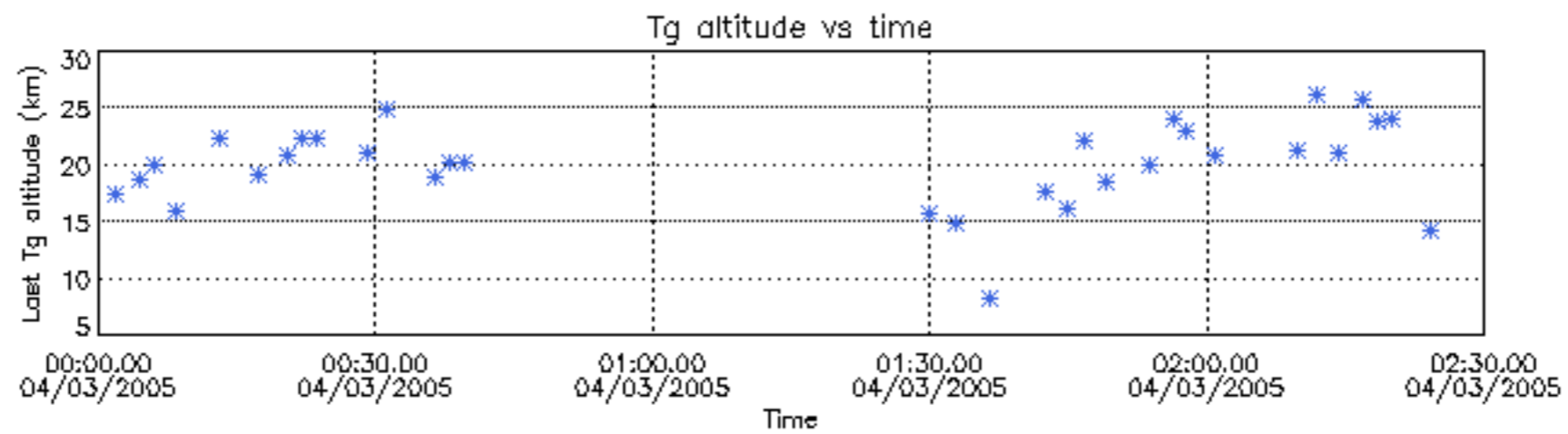
Percentage of saturation errors per profile



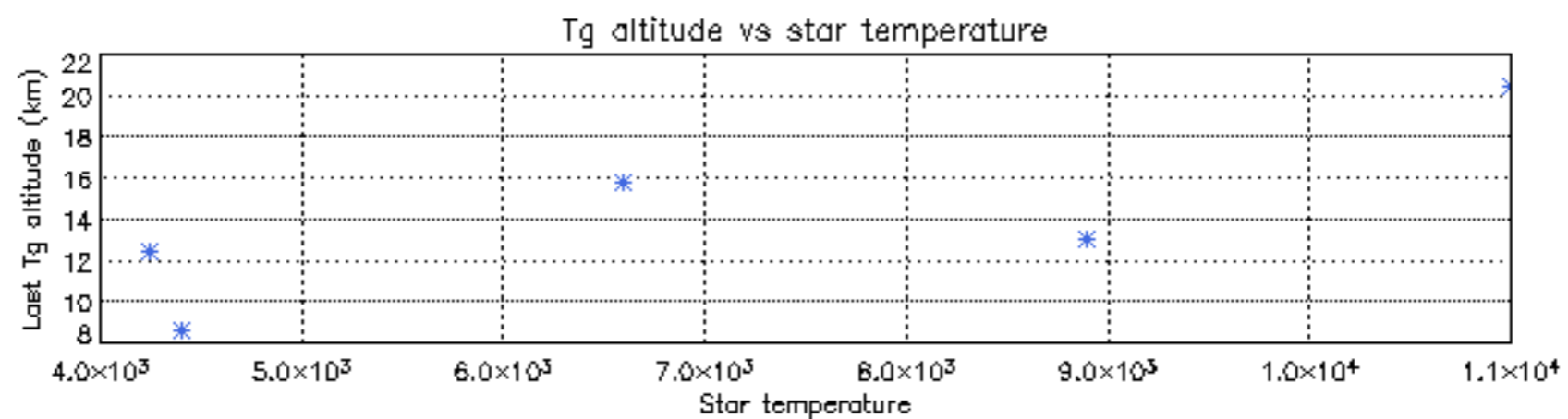
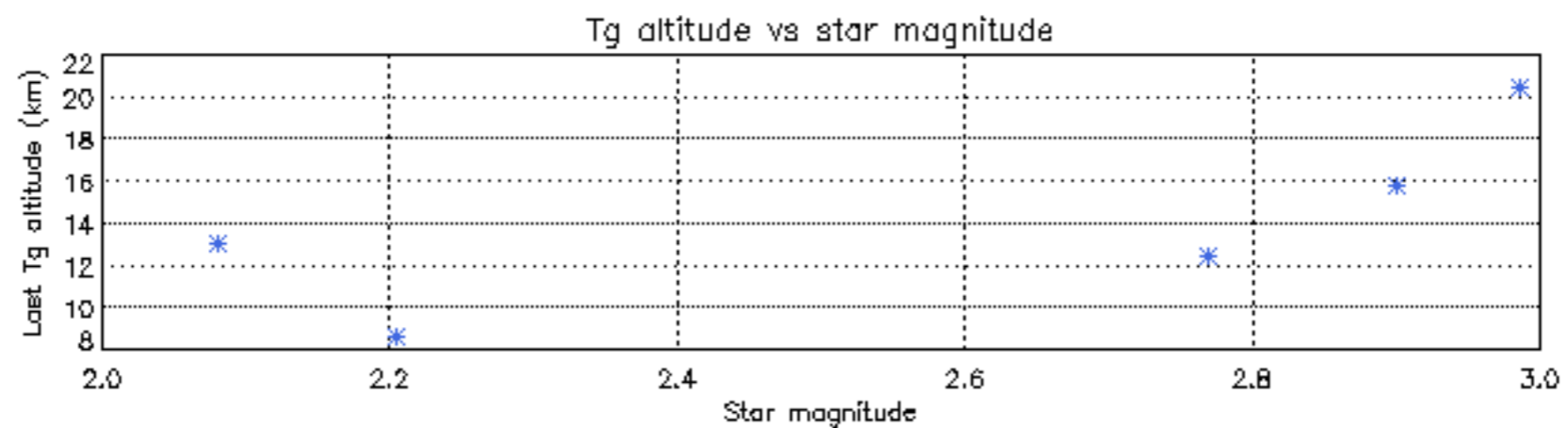
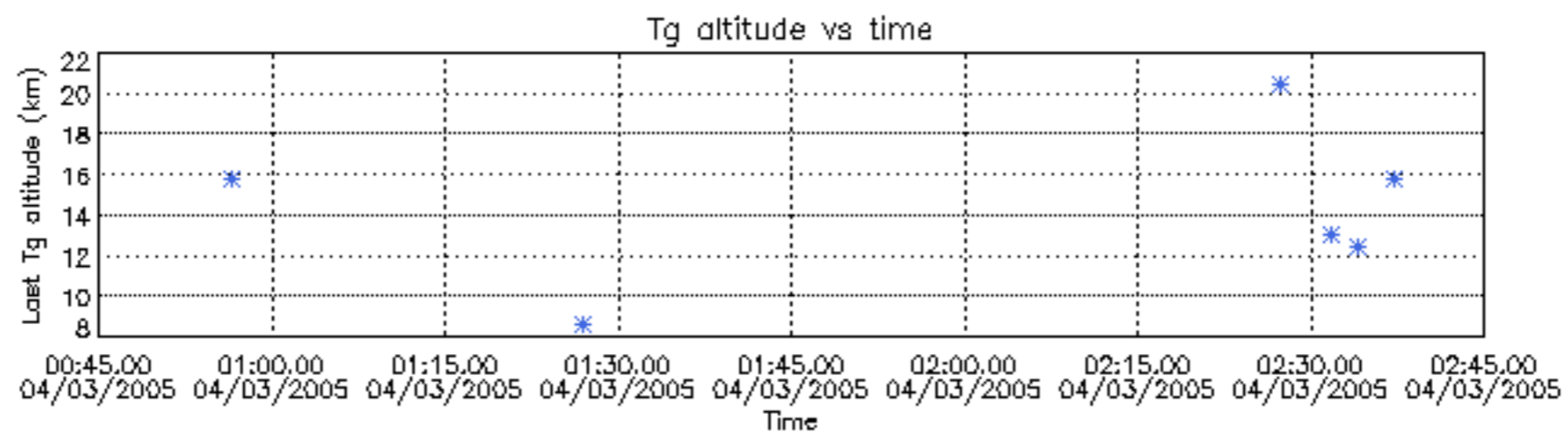
Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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 5; 537.2; 03-MAR-2005 23:34:48; Dark ; 48.5; 10; Bet Cen ; 0.61; 28000;occ; 97; 0;15730
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 7; 838.9; 03-MAR-2005 23:39:49; Dark ; 46.0; 64; Gam Cen ; 2.20; 10600;occ; 92; 0;15730
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 12; 1758.3; 03-MAR-2005 23:55:09; Dark ; 45.5; 48; 30Alp Hya ; 1.98; 4100;occ; 91; 0;15730
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 14; 2269.4; 04-MAR-2005 00:03:40; Bright; 41.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 83; 0;15730
 15; 2364.2; 04-MAR-2005 00:05:15; Bright; 48.5; 96; 68Del Leo ; 2.56; 9300;occ; 97; 0;15730
 16; 2513.2; 04-MAR-2005 00:07:44; Bright; 40.0; 24; 66Alp Gem ; 1.58; 10200;occ; 80; 0;15730
 17; 2790.5; 04-MAR-2005 00:12:21; Bright; 43.0; 174; 52Psi UMa ; 3.00; 4400;occ; 86; 0;15730
 18; 2962.5; 04-MAR-2005 00:15:13; Bright; 39.0; 82; 48Bet UMa ; 2.37; 10600;occ; 78; 0;15730
 19; 3044.7; 04-MAR-2005 00:16:35; Bright; 41.5; 36; 50Alp UMa ; 1.80; 6300;occ; 83; 0;15730
 20; 3219.4; 04-MAR-2005 00:19:30; Bright; 49.5; 32; 77Eps UMa ; 1.76; 11000;occ; 99; 0;15730
 21; 3312.8; 04-MAR-2005 00:21:03; Bright; 51.5; 55; 79Zet UMa ; 2.06; 10200;occ; 103; 0;15730
 22; 3433.9; 04-MAR-2005 00:23:04; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;15730
 23; 3753.8; 04-MAR-2005 00:28:24; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;15730
 24; 3888.7; 04-MAR-2005 00:30:39; Bright; 34.0; 89; 5Alp Cep ; 2.45; 8000;occ; 68; 0;15730
 25; 4024.9; 04-MAR-2005 00:32:56; Bright; 45.5; 130; 23Bet Dra ; 2.80; 5800;occ; 91; 0;15730
 26; 4194.3; 04-MAR-2005 00:35:45; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;15730
 27; 4288.1; 04-MAR-2005 00:37:19; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;15730
 28; 4382.2; 04-MAR-2005 00:38:53; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;15730
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 31; 5038.2; 04-MAR-2005 00:49:49; Dark ; 79.5; 59; 55Alp Oph ; 2.08; 8900;occ; 159; 0;15730
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 33; 5406.4; 04-MAR-2005 00:55:57; Dark ; 18.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 36; 0;15730

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 7; 349.2; 04-MAR-2005 01:12:16; Dark ; 51.0; 131; Gam Lup ; 2.80; 26000;occ; 102; 0;15731
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 11; 839.4; 04-MAR-2005 01:20:26; Dark ; 44.0; 64; Gam Cen ; 2.20; 10600;occ; 88; 0;15731
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 21; 2789.9; 04-MAR-2005 01:52:56; Bright; 44.5; 174; 52Psi UMa ; 3.00; 4400;occ; 89; 0;15731
 22; 2962.1; 04-MAR-2005 01:55:49; Bright; 39.0; 82; 48Bet UMa ; 2.37; 10600;occ; 78; 0;15731
 23; 3044.3; 04-MAR-2005 01:57:11; Bright; 39.0; 36; 50Alp UMa ; 1.80; 6300;occ; 78; 0;15731
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 3; -2012.2; 04-MAR-2005 07:15:18; Bright; 47.5; 130; 23Bet Dra ; 2.80; 5800;occ; 95; 0;15734
 4; -1841.4; 04-MAR-2005 07:18:09; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;15734
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26; -624.3; 04-MAR-2005 17:42:02; Dark ; 42.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 84; 0;15740
27; -512.1; 04-MAR-2005 17:43:54; Dark ; 42.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 84; 0;15740
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29; -280.4; 04-MAR-2005 17:47:46; Dark ; 65.5; 86; 35Eta Oph ; 2.43; 10200;occ; 131; 0;15740
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19;	-2014.1;	04-MAR-2005	18:59:28;	Bright;	47.0;	130;	23Bet Dra	;	2.80;	5800;occ;	94;	0;	15741	
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21;	-1746.9;	04-MAR-2005	19:03:55;	Bright;	36.5;	66;	37Gam Cyg	;	2.21;	5900;occ;	73;	0;	15741	
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23;	-1465.8;	04-MAR-2005	19:08:36;	Dark	;	93.5;	133;	40Zet Her	;	2.81;	6000;occ;	187;	0;	15741
24;	-1219.5;	04-MAR-2005	19:12:42;	Bright;	43.0;	168;	17Zet Aql	;	2.99;	11000;occ;	86;	0;	15741	
25;	-986.3;	04-MAR-2005	19:16:36;	Dark	;	73.5;	59;	55Alp Oph	;	2.08;	8900;occ;	147;	0;	15741
26;	-828.7;	04-MAR-2005	19:19:13;	Dark	;	70.0;	126;	60Bet Oph	;	2.77;	4250;occ;	140;	0;	15741
27;	-623.7;	04-MAR-2005	19:22:38;	Dark	;	43.5;	155;	41Pi Sgr	;	2.90;	6600;occ;	87;	0;	15741
28;	-511.5;	04-MAR-2005	19:24:30;	Dark	;	43.0;	57;	34Sig Sgr	;	2.07;	26000;occ;	86;	0;	15741
29;	-375.2;	04-MAR-2005	19:26:47;	Dark	;	50.0;	116;	19Del Sgr	;	2.70;	4100;occ;	100;	0;	15741
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31;	-136.6;	04-MAR-2005	19:30:45;	Dark	;	45.5;	25;	35Lam Sco	;	1.62;	28000;occ;	91;	0;	15741
32;	60.8;	04-MAR-2005	19:34:03;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	15742
33;	246.6;	04-MAR-2005	19:37:08;	Dark	;	41.0;	43;	Alp TrA	;	1.91;	4250;occ;	82;	0;	15742
34;	379.1;	04-MAR-2005	19:39:21;	Dark	;	37.0;	145;	Gam TrA	;	2.87;	10600;occ;	74;	0;	15742
35;	465.8;	04-MAR-2005	19:40:48;	Dark	;	44.5;	4;	Alp1Cen	;	-0.01;	5800;occ;	89;	0;	15742
36;	544.2;	04-MAR-2005	19:42:06;	Dark	;	41.5;	10;	Bet Cen	;	0.61;	28000;occ;	83;	0;	15742
37;	689.3;	04-MAR-2005	19:44:31;	Dark	;	46.5;	12;	Alp1Cru	;	0.77;	30000;occ;	93;	0;	15742
38;	789.3;	04-MAR-2005	19:46:11;	Dark	;	37.5;	124;	The Car	;	2.76;	30000;occ;	75;	0;	15742
39;	925.8;	04-MAR-2005	19:48:28;	Dark	;	3.0;	71;	Iot Car	;	2.25;	7700;occ;	6;	0;	15742