

GOMOS Daily Report 21-AUG-2004

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	23AUG2004 05:01:37
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START)-1D (21AUG2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (22AUG2004 00:00:00)

Store outputs flag	1
Nb of level 1b prods	50
Nb of prods with errors	1

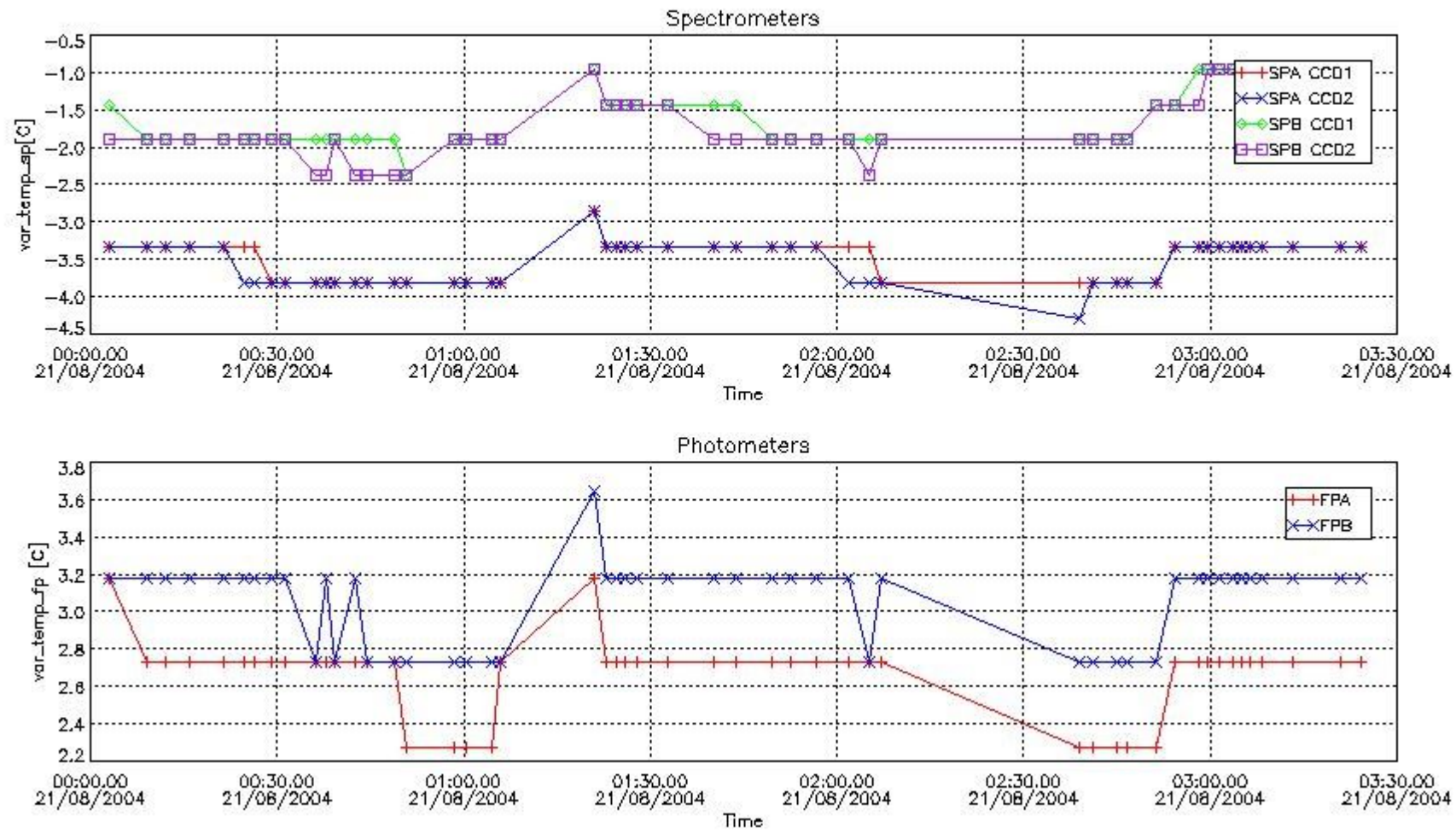
2. Summary of products arrived in PCF (Product Control Facility)

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

2.2 Summary of processed GOM_TRA_1P products

Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
GOM_TRA_1PNPDE20040821_000303_000000522029_00360_12939_0006.N1	21-AUG-2004 00:03:03	Dark	52.000	9	Alp Eri	0.45300	24000.	104	12939	No
GOM_TRA_1PNPDE20040821_000857_000000672029_00360_12939_0007.N1	21-AUG-2004 00:08:57	Twilight	66.500	84	Alp Phe	2.3970	4500.0	133	12939	No
GOM_TRA_1PNPDE20040821_001157_000000452029_00360_12939_0008.N1	21-AUG-2004 00:11:57	Bright	44.500	31	Alp Gru	1.7340	15200.	89	12939	No
GOM_TRA_1PNPDE20040821_001558_000000562029_00360_12939_0009.N1	21-AUG-2004 00:15:58	Bright	56.000	18	24Alp PsA	1.1660	9700.0	112	12939	No
GOM_TRA_1PNPDE20040821_002116_000000452029_00360_12939_0010.N1	21-AUG-2004 00:21:16	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	12939	No
GOM_TRA_1PNPDE20040821_002436_000000442029_00360_12939_0011.N1	21-AUG-2004 00:24:36	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	12939	No
GOM_TRA_1PNPDE20040821_002625_000000472029_00360_12939_0012.N1	21-AUG-2004 00:26:25	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	12939	No
GOM_TRA_1PNPDE20040821_002911_000000432029_00360_12939_0013.N1	21-AUG-2004 00:29:11	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	12939	No
GOM_TRA_1PNPDE20040821_003116_000000372029_00360_12939_0014.N1	21-AUG-2004 00:31:16	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12939	No
GOM_TRA_1PNPDE20040821_003608_000000392029_00360_12939_0015.N1	21-AUG-2004 00:36:08	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12939	No
GOM_TRA_1PNPDE20040821_003750_000000372029_00360_12939_0016.N1	21-AUG-2004 00:37:50	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	12939	No
GOM_TRA_1PNPDE20040821_003917_000000382029_00360_12939_0017.N1	21-AUG-2004 00:39:17	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	12939	No
GOM_TRA_1PNPDE20040821_004239_000000402029_00360_12939_0018.N1	21-AUG-2004 00:42:39	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12939	No
GOM_TRA_1PNPDE20040821_004436_000000382029_00360_12939_0019.N1	21-AUG-2004 00:44:36	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	12939	No
GOM_TRA_1PNPDE20040821_004847_000000482029_00360_12939_0020.N1	21-AUG-2004 00:48:47	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	12939	No
GOM_TRA_1PNPDE20040821_005049_000000422029_00360_12939_0021.N1	21-AUG-2004 00:50:49	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	12939	No
GOM_TRA_1PNPDE20040821_005826_000000552029_00360_12939_0022.N1	21-AUG-2004 00:58:26	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	12939	No
GOM_TRA_1PNPDE20040821_010031_000000622029_00360_12939_0023.N1	21-AUG-2004 01:00:31	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	12939	No
GOM_TRA_1PNPDE20040821_010423_000000572029_00360_12939_0024.N1	21-AUG-2004 01:04:23	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	12939	No
GOM_TRA_1PNPDE20040821_010556_000000662029_00360_12939_0025.N1	21-AUG-2004 01:05:56	Bright	65.500	149	45Eps Per	2.8880	30000.	131	12939	No
GOM_TRA_1PNPDE20040821_012051_000000532029_00360_12939_0000.N1	21-AUG-2004 01:20:51	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	12939	Yes
GOM_TRA_1PNPDE20040821_012254_000000512029_00360_12939_0001.N1	21-AUG-2004 01:22:54	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12939	No
GOM_TRA_1PNPDE20040821_012425_000000392029_00360_12939_0002.N1	21-AUG-2004 01:24:25	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	12939	No
GOM_TRA_1PNPDE20040821_012553_000000452029_00360_12939_0003.N1	21-AUG-2004 01:25:53	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	12939	No
GOM_TRA_1PNPDE20040821_012745_000000452029_00360_12939_0004.N1	21-AUG-2004 01:27:45	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12939	No
GOM_TRA_1PNPDE20040821_013243_000000452029_00360_12939_0005.N1	21-AUG-2004 01:32:43	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	12939	No
GOM_TRA_1PNPDE20040821_014012_000000572029_00361_12940_0006.N1	21-AUG-2004 01:40:12	Dark	56.500	157	The1Eri	2.9060	9300.0	113	12940	No
GOM_TRA_1PNPDE20040821_014340_000000522029_00361_12940_0007.N1	21-AUG-2004 01:43:40	Dark	51.500	9	Alp Eri	0.45300	24000.	103	12940	No
GOM_TRA_1PNPDE20040821_014932_000000572029_00361_12940_0008.N1	21-AUG-2004 01:49:32	Twilight	57.000	84	Alp Phe	2.3970	4500.0	114	12940	No
GOM_TRA_1PNPDE20040821_015234_000000442029_00361_12940_0009.N1	21-AUG-2004 01:52:34	Bright	43.500	31	Alp Gru	1.7340	15200.	87	12940	No
GOM_TRA_1PNPDE20040821_015634_000000542029_00361_12940_0010.N1	21-AUG-2004 01:56:34	Bright	53.500	18	24Alp PsA	1.1660	9700.0	107	12940	No
GOM_TRA_1PNPDE20040821_020153_000000442029_00361_12940_0011.N1	21-AUG-2004 02:01:53	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	12940	No
GOM_TRA_1PNPDE20040821_020512_000000442029_00361_12940_0012.N1	21-AUG-2004 02:05:12	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	12940	No
GOM_TRA_1PNPDE20040821_020701_000000462029_00361_12940_0013.N1	21-AUG-2004 02:07:01	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	12940	No
GOM_TRA_1PNPDE20040821_023901_000000572029_00361_12940_0000.N1	21-AUG-2004 02:39:01	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	12940	No
GOM_TRA_1PNPDE20040821_024107_000000602029_00361_12940_0001.N1	21-AUG-2004 02:41:07	Bright	59.500	35	33Alp Per	1.7950	6250.0	119	12940	No
GOM_TRA_1PNPDE20040821_024459_000000572029_00361_12940_0002.N1	21-AUG-2004 02:44:59	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	12940	No
GOM_TRA_1PNPDE20040821_024632_000000662029_00361_12940_0003.N1	21-AUG-2004 02:46:32	Bright	65.500	149	45Eps Per	2.8880	30000.	131	12940	No
GOM_TRA_1PNPDE20040821_025123_000000592029_00361_12940_0004.N1	21-AUG-2004 02:51:23	Twilight	59.000	28	12Bet Tau	1.6500	15200.	118	12940	No
GOM_TRA_1PNPDE20040821_025415_000000482029_00361_12940_0005.N1	21-AUG-2004 02:54:15	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	12940	No
GOM_TRA_1PNPDE20040821_025801_000000602029_00361_12940_0006.N1	21-AUG-2004 02:58:01	Twilight	60.000	14	58Alp Ori	0.87000	3000.0	120	12940	No
GOM_TRA_1PNPDE20040821_025930_000000592029_00361_12940_0007.N1	21-AUG-2004 02:59:30	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	12940	No
GOM_TRA_1PNPDE20040821_030128_000000582029_00361_12940_0008.N1	21-AUG-2004 03:01:28	Dark	57.500	30	46Eps Ori	1.6940	30000.	115	12940	No
GOM_TRA_1PNPDE20040821_030330_000000472029_00361_12940_0009.N1	21-AUG-2004 03:03:30	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	12940	No
GOM_TRA_1PNPDE20040821_030502_000000402029_00361_12940_0010.N1	21-AUG-2004 03:05:02	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	12940	No
GOM_TRA_1PNPDE20040821_030630_000000432029_00361_12940_0011.N1	21-AUG-2004 03:06:30	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12940	No
GOM_TRA_1PNPDE20040821_030821_000000422029_00361_12940_0012.N1	21-AUG-2004 03:08:21	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	12940	No
GOM_TRA_1PNPDE20040821_031320_000000522029_00361_12940_0013.N1	21-AUG-2004 03:13:20	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12940	No
GOM_TRA_1PNPDE20040821_032049_000000562029_00362_12941_0014.N1	21-AUG-2004 03:20:49	Dark	55.500	157	The1Eri	2.9060	9300.0	111	12941	No

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



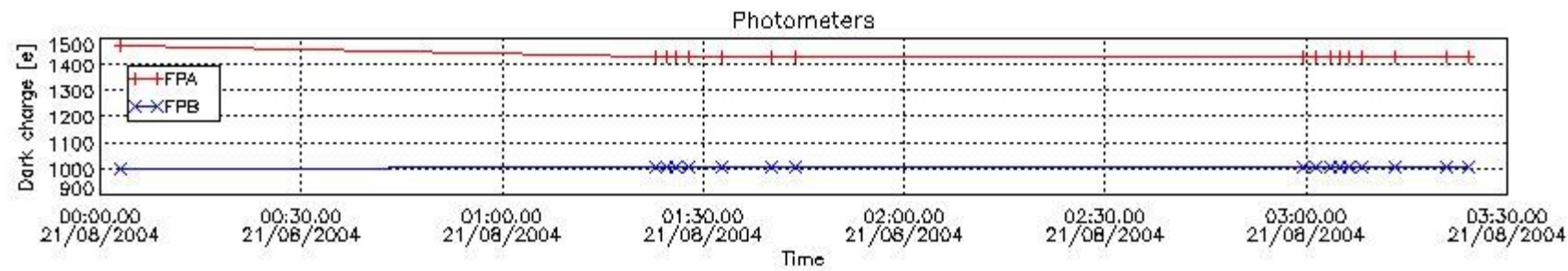
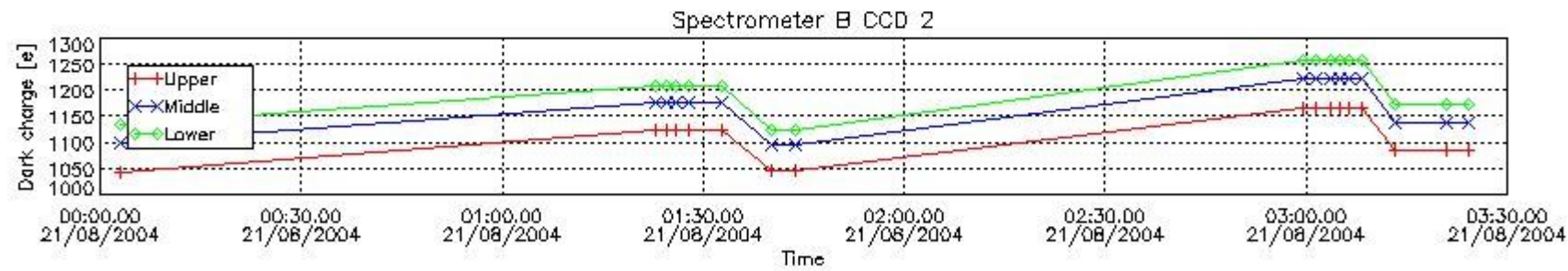
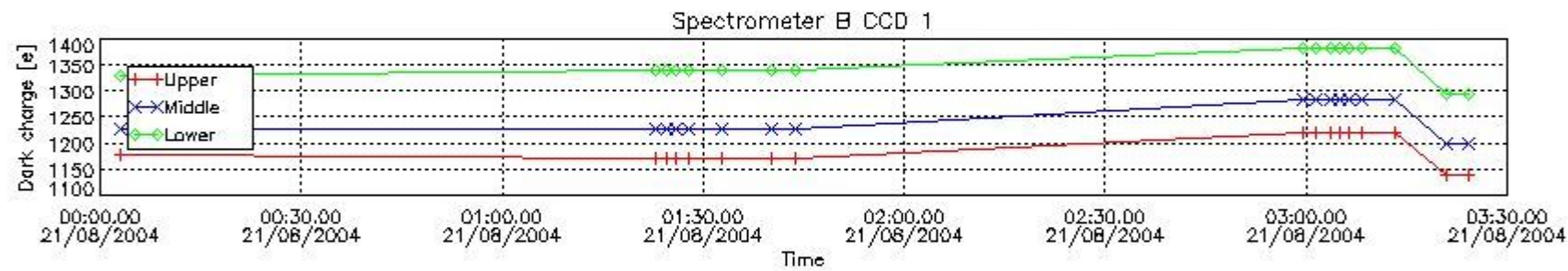
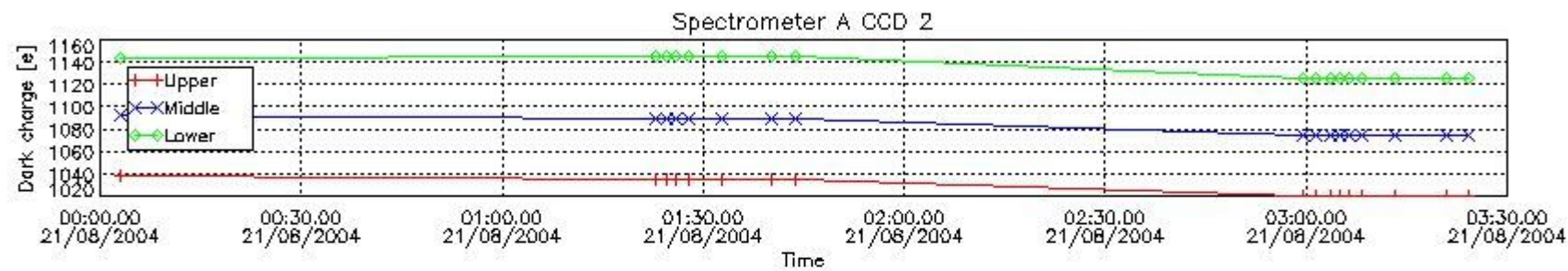
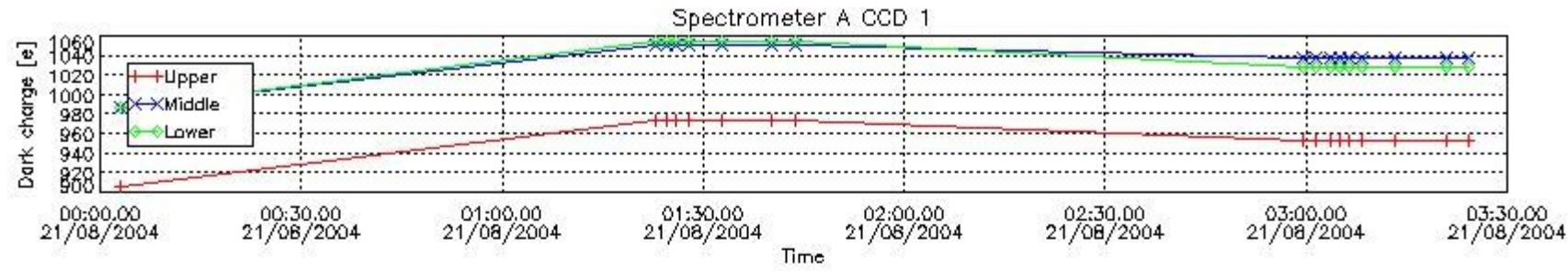
4. Overview of dark signal processing per product

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



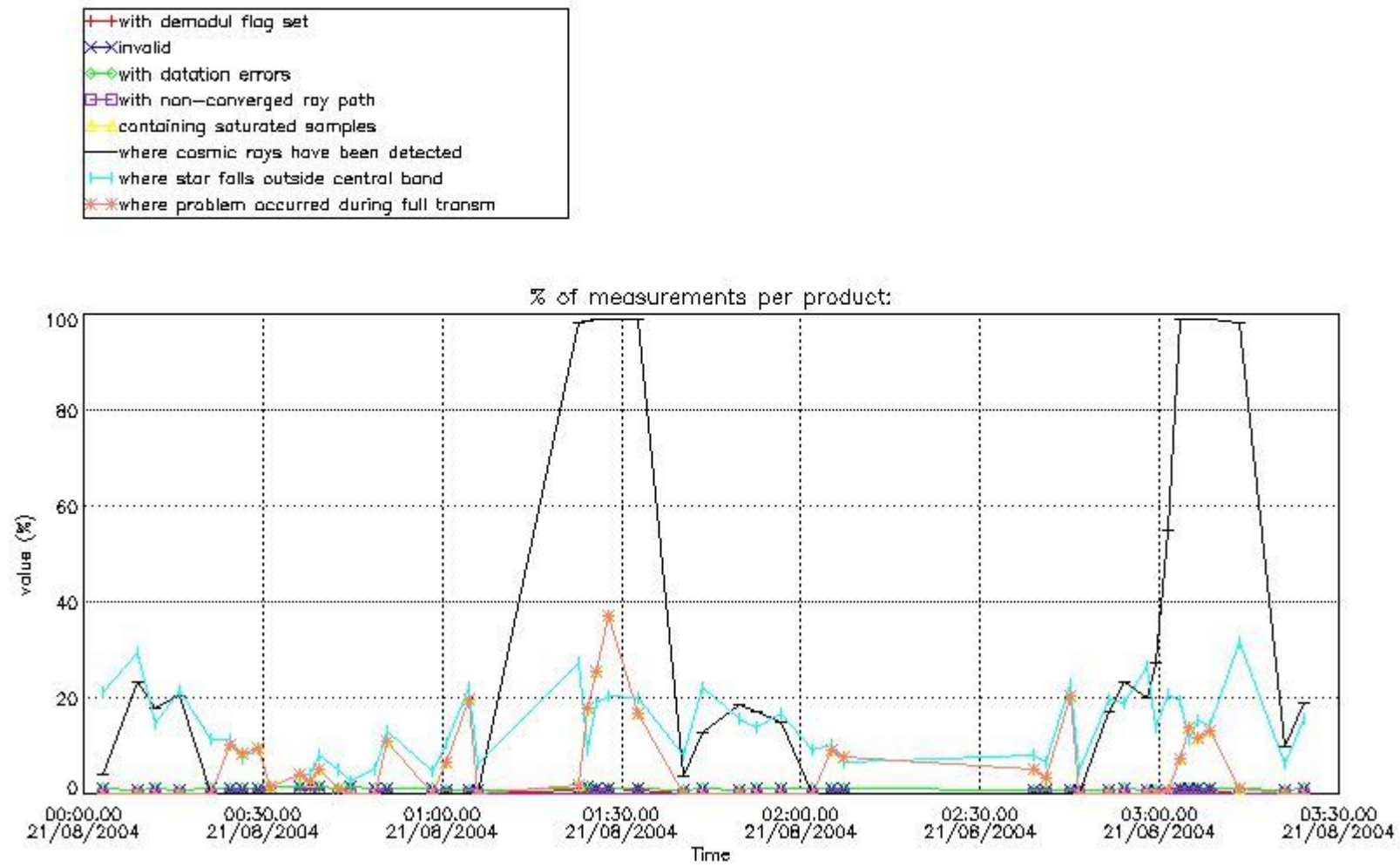
5. Demodulation flag and quality information monitoring

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.

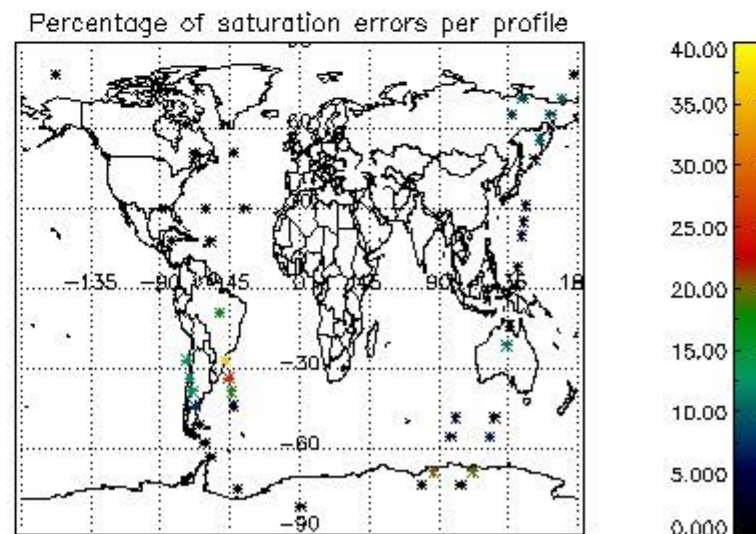
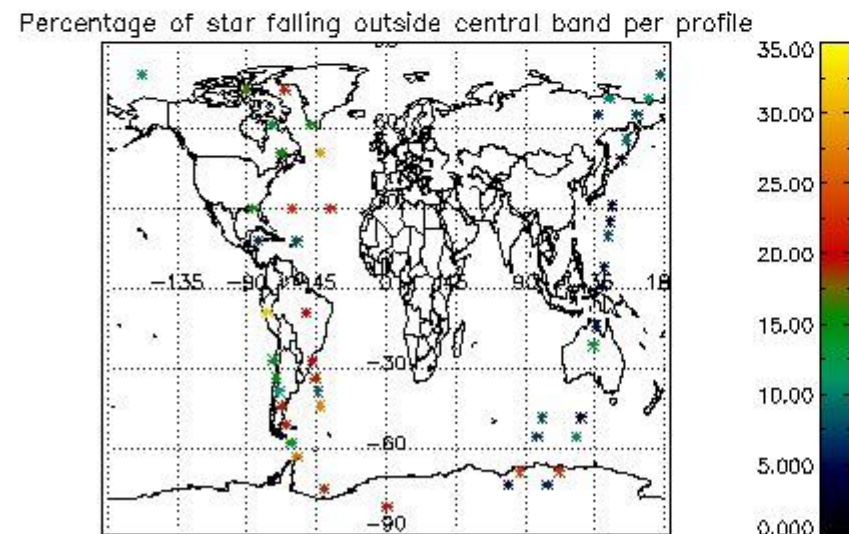
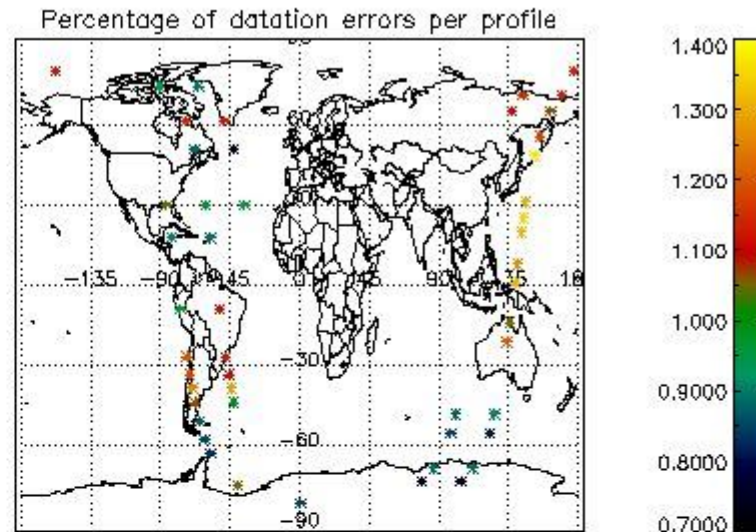
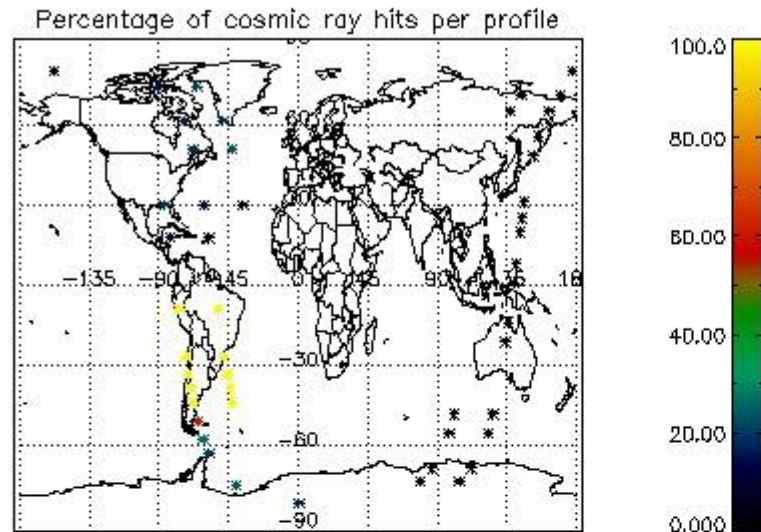
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	26.5306 %
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)



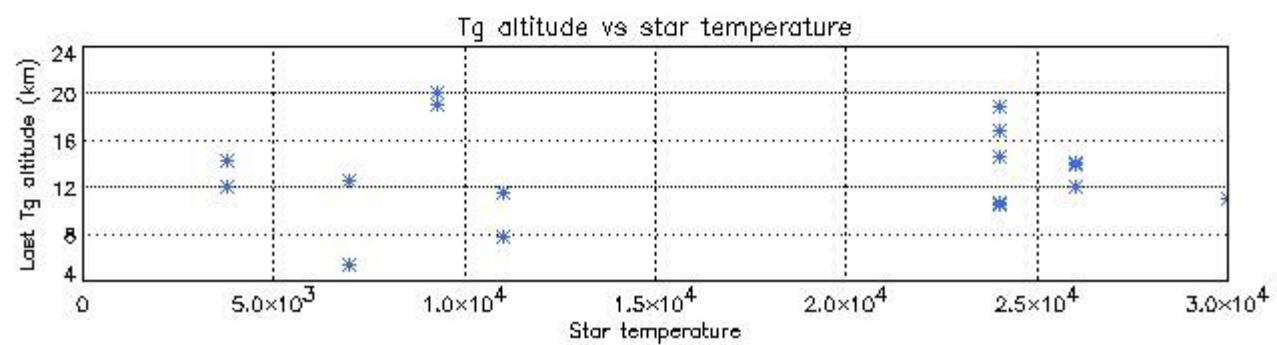
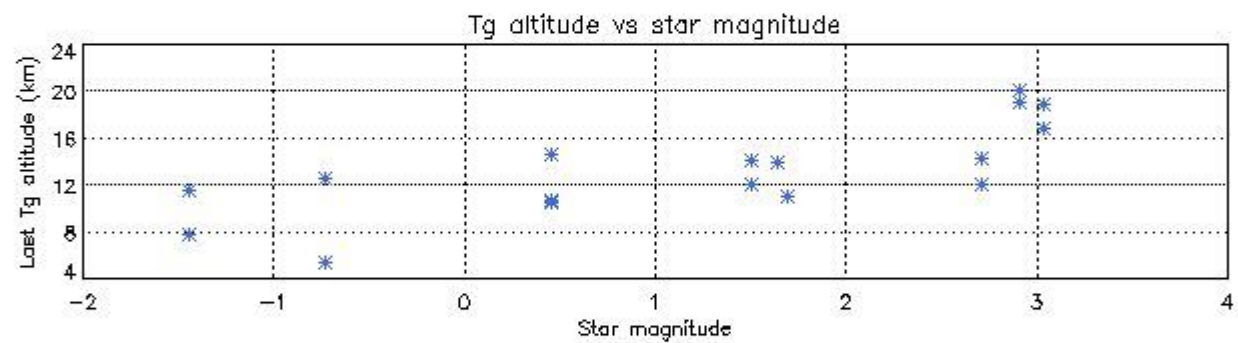
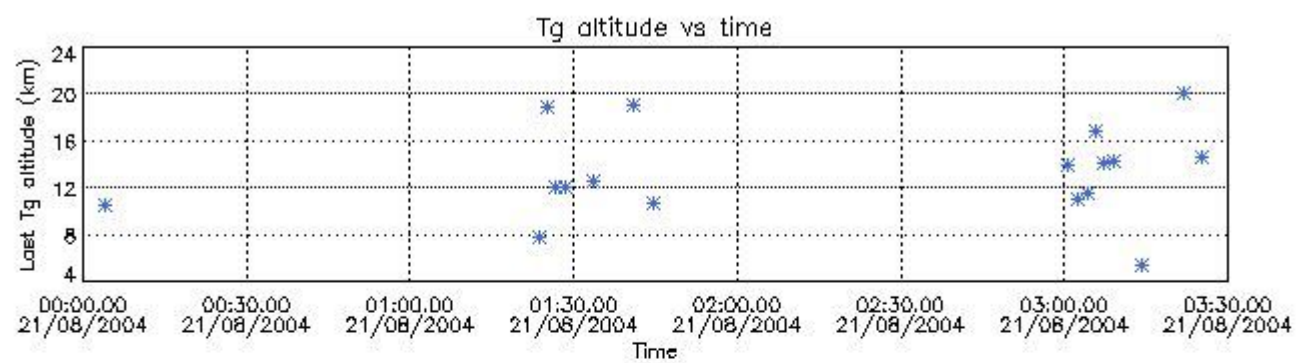
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.240	18.218	10.077
St. deviation:	3.9506	3.7808	3.4308
Maximum:	20.092	24.665	14.296
Minimum:	5.3445	10.411	5.5137
Number of data:	17.000	27.000	5.0000

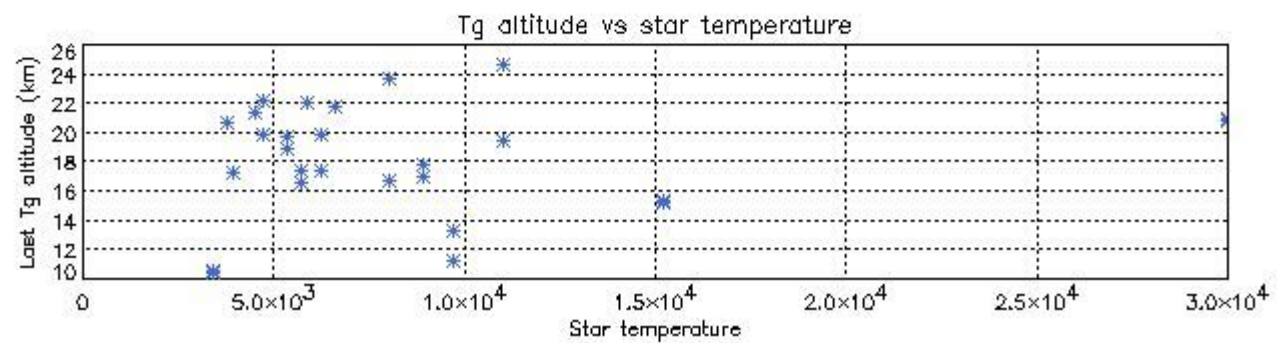
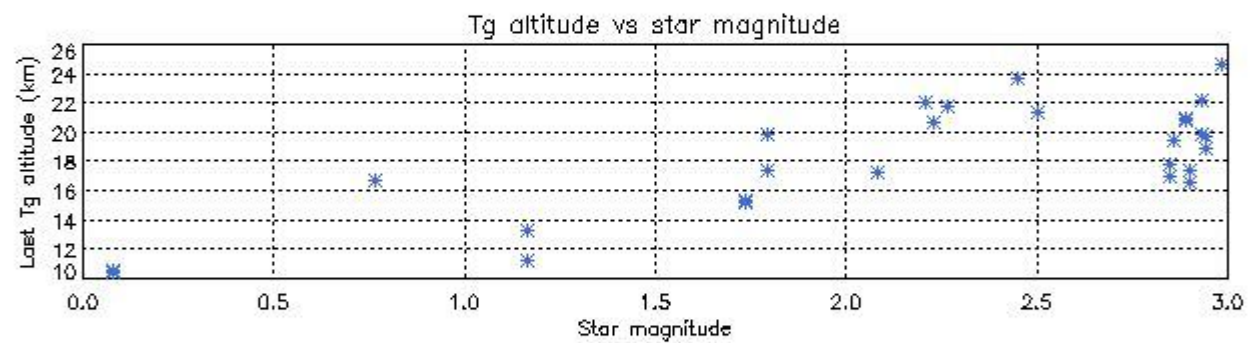
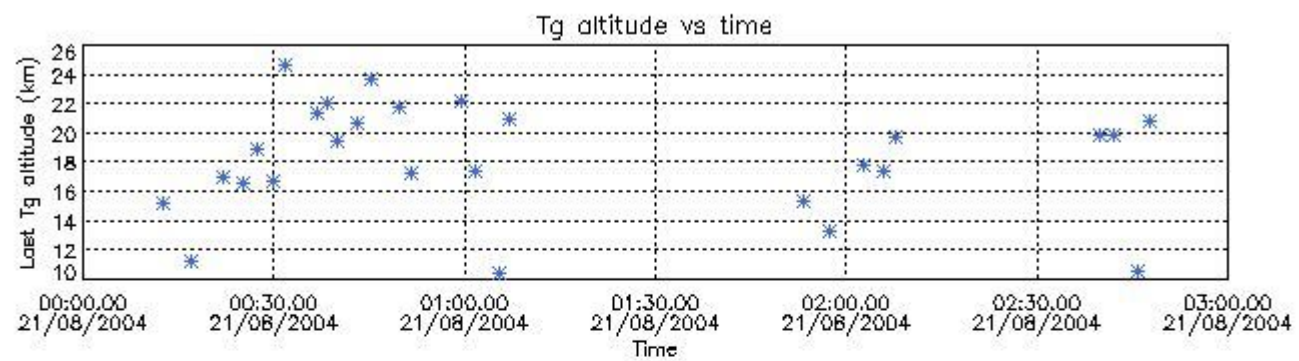
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



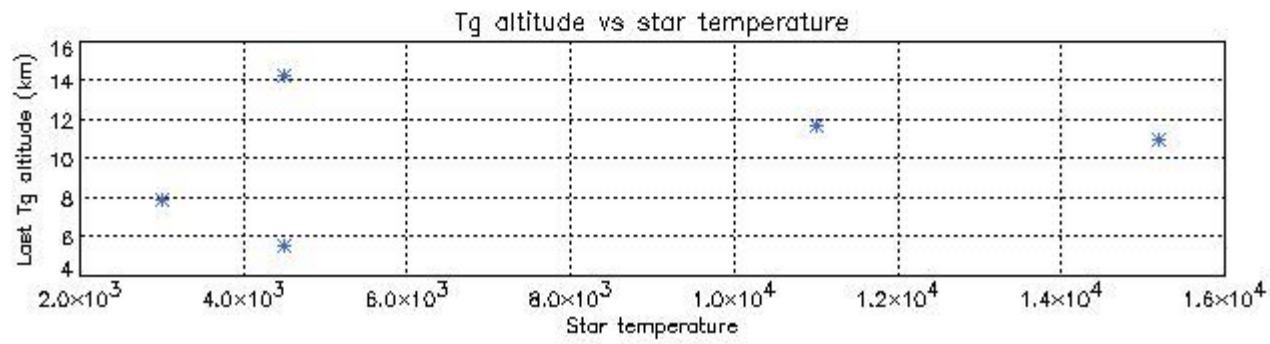
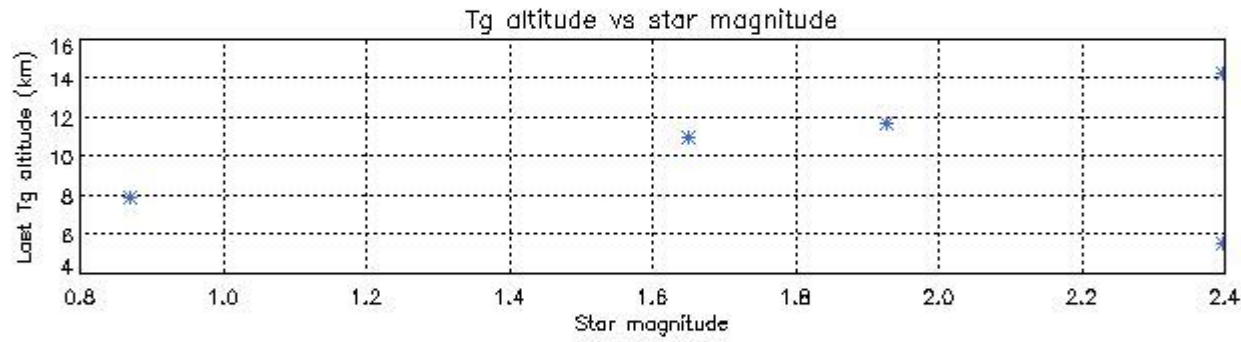
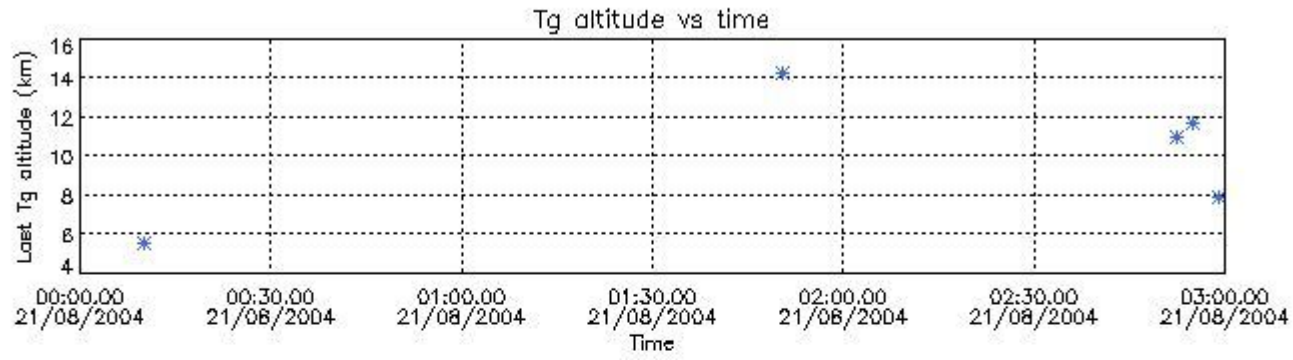
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

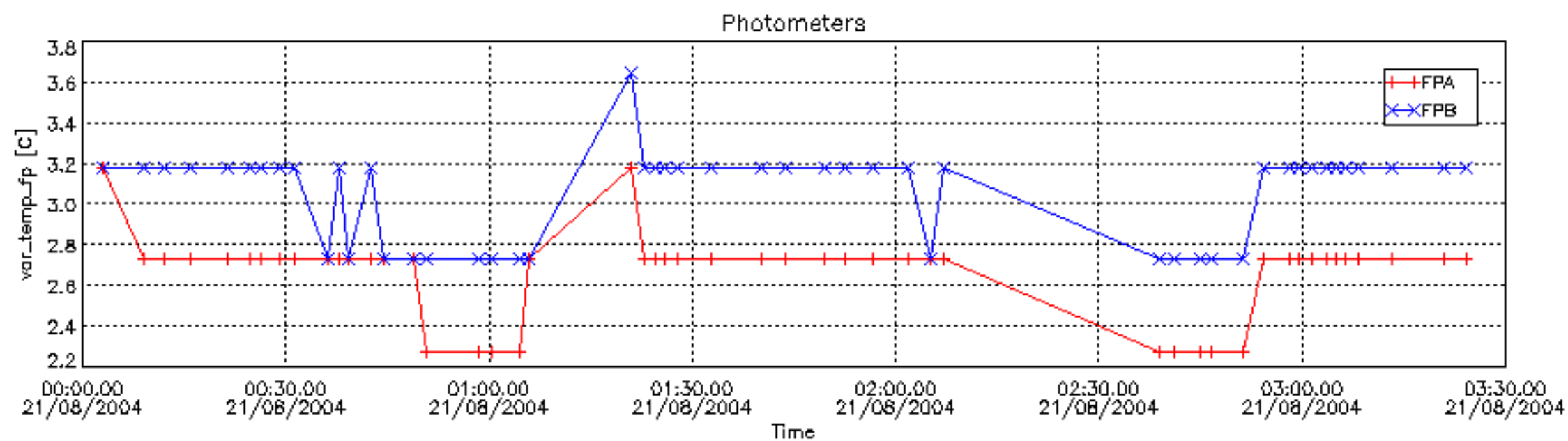
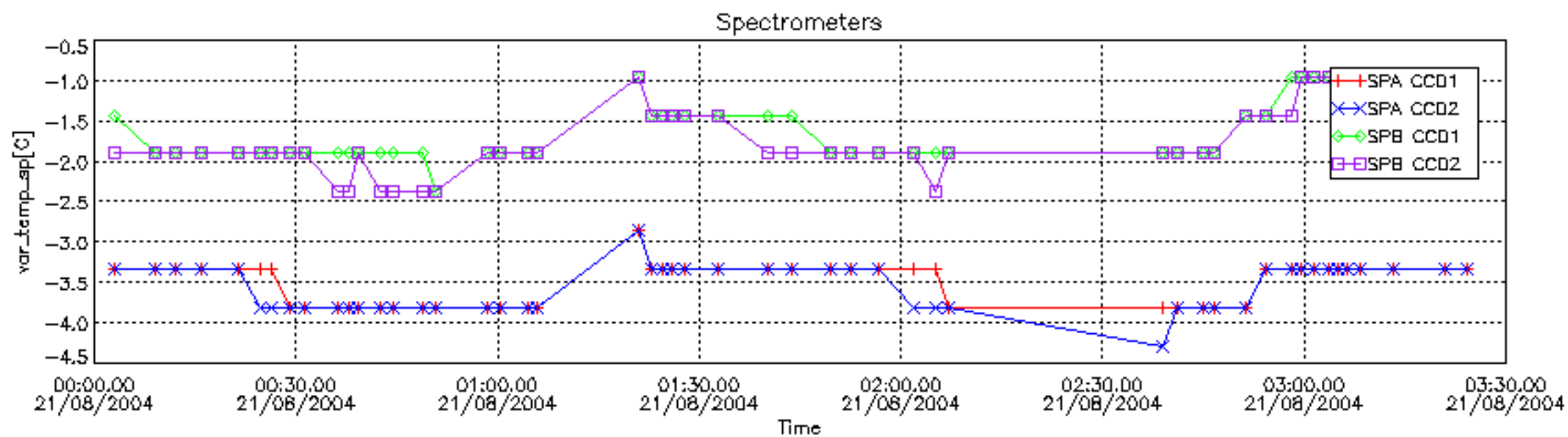
Tangent altitude at which the star is lost

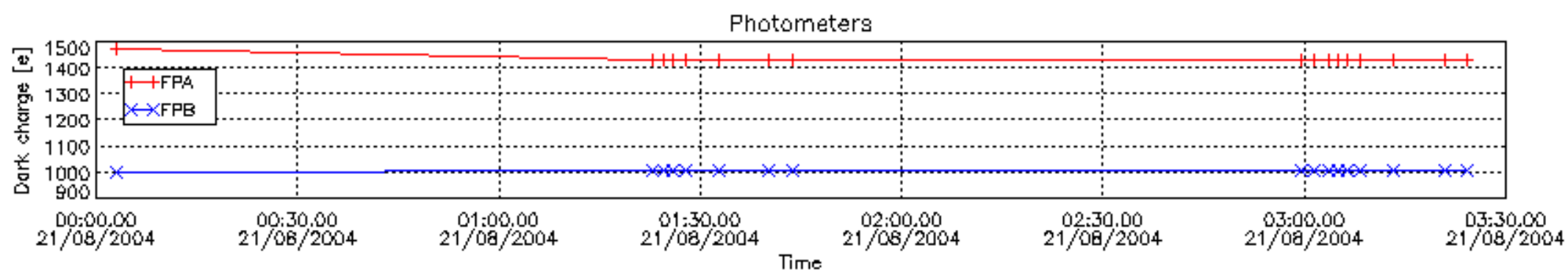
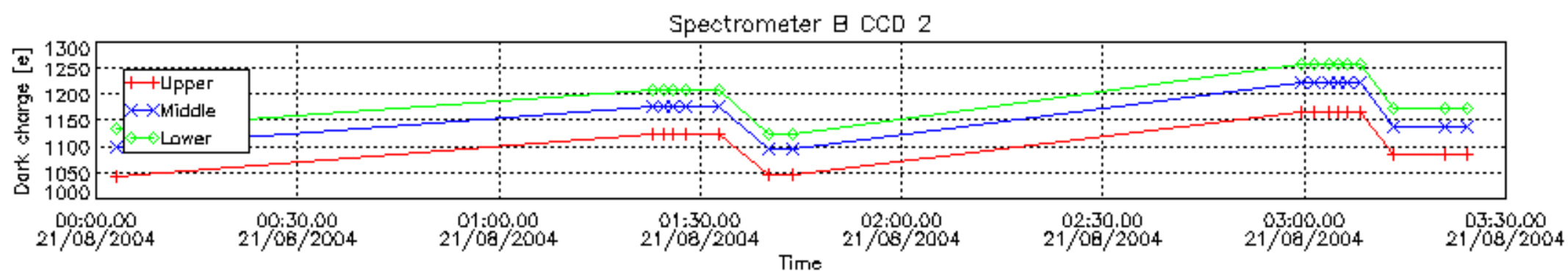
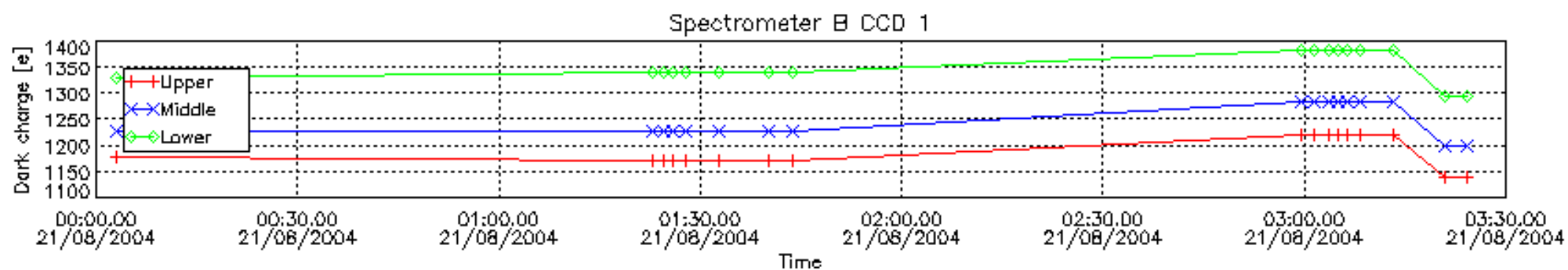
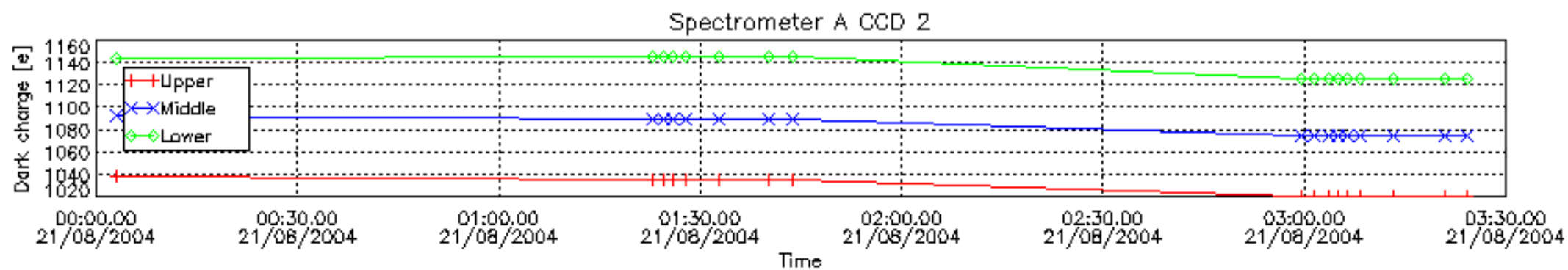
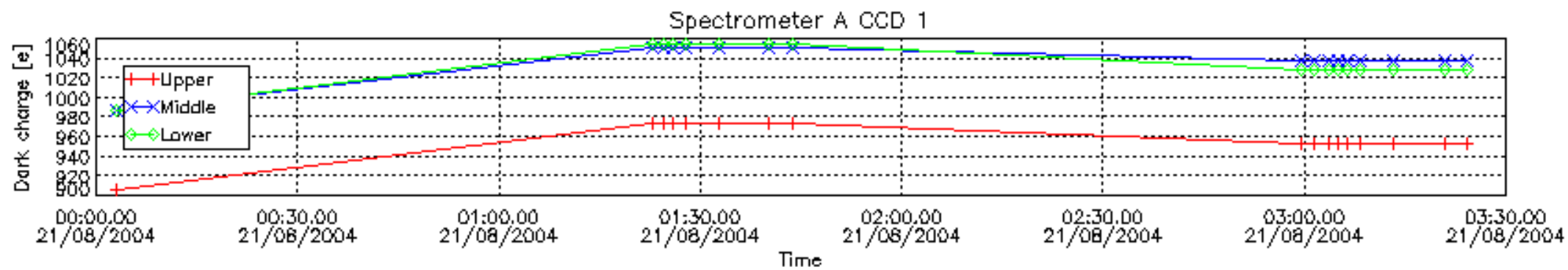


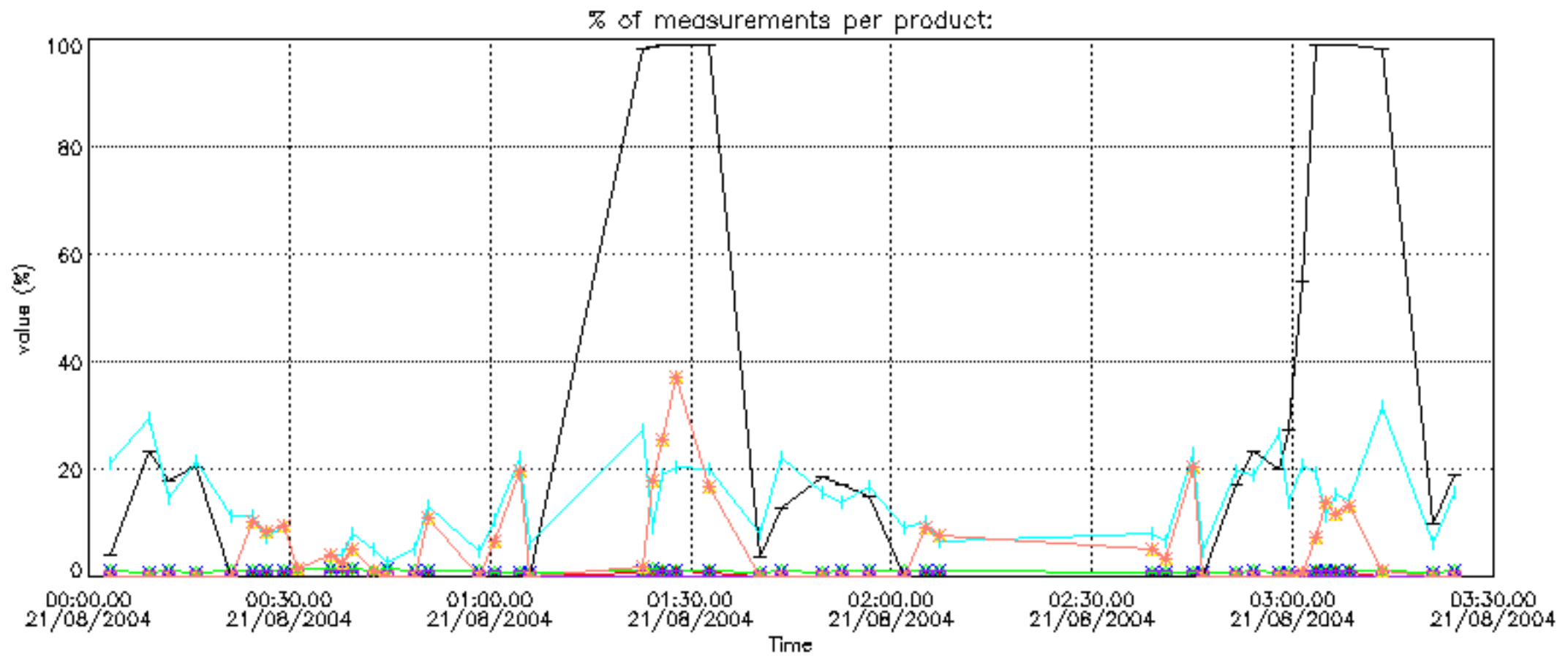
7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

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.

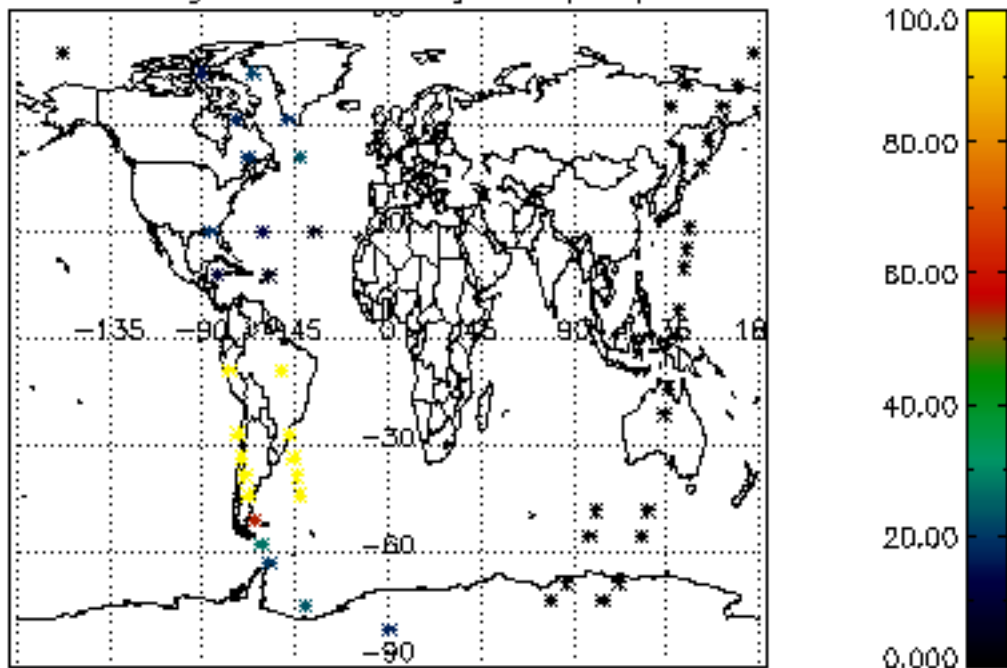
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1460.9	1446.3	1462.3	1448.3
St. deviation:	4.5895	6.1607	7.0033	7.8529
Maximum:	1497.0	1489.0	1527.0	1501.0
Minimum:	1457.0	1429.0	1414.0	1398.0
Number of data:	20550.	20550.	33100.	33100.



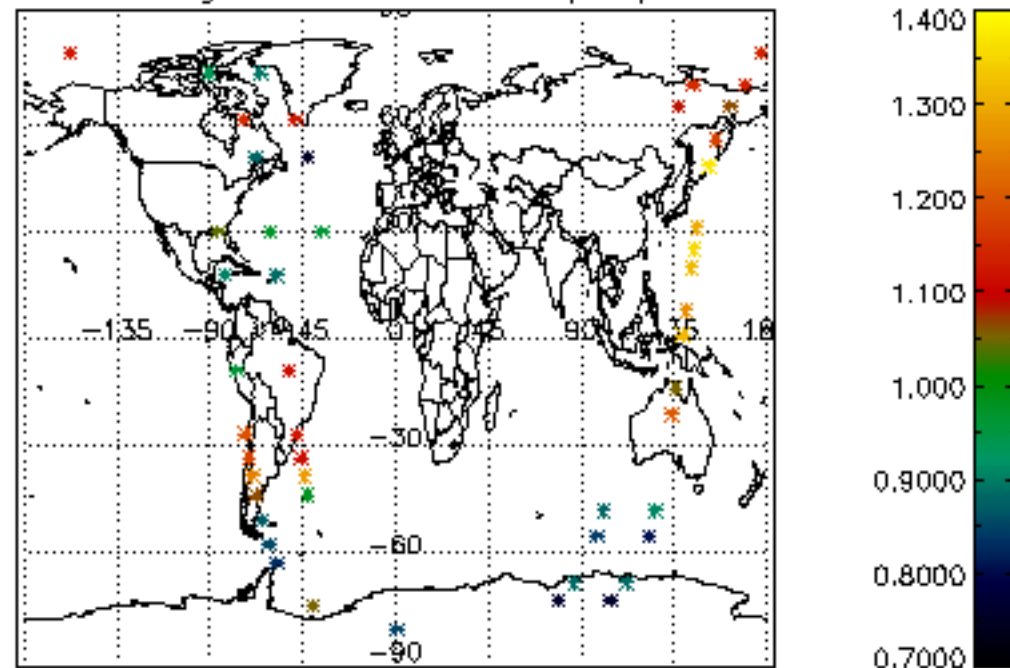




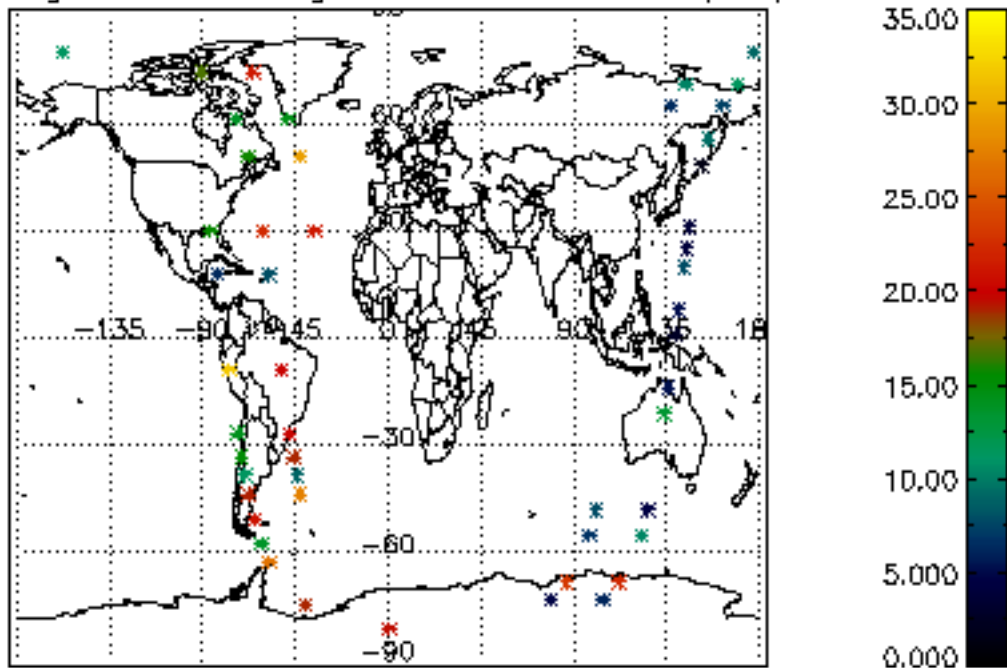
Percentage of cosmic ray hits per profile



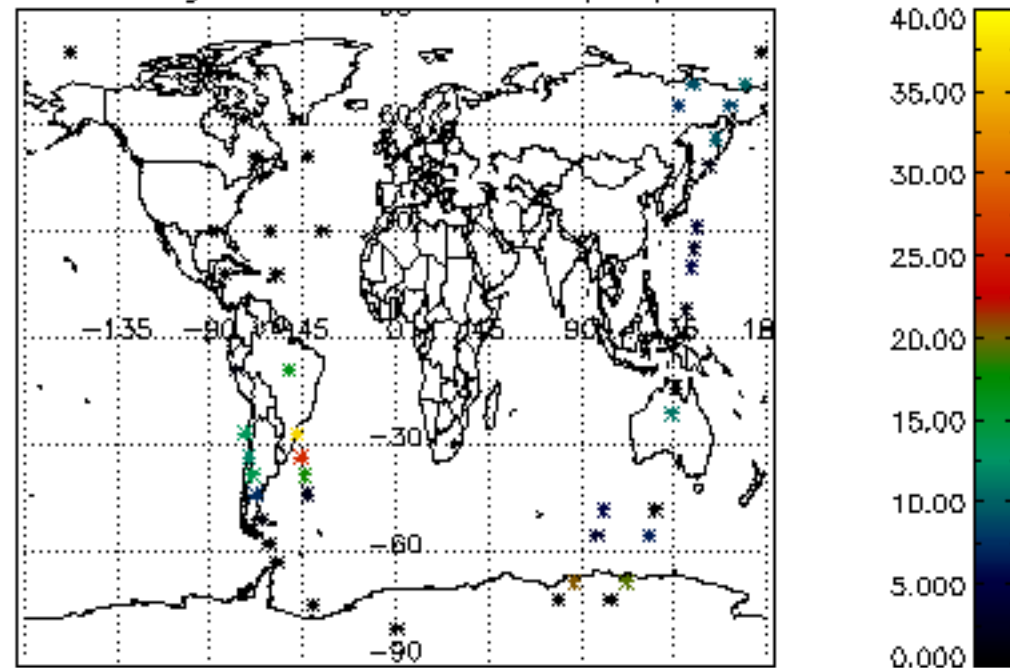
Percentage of datation errors per profile



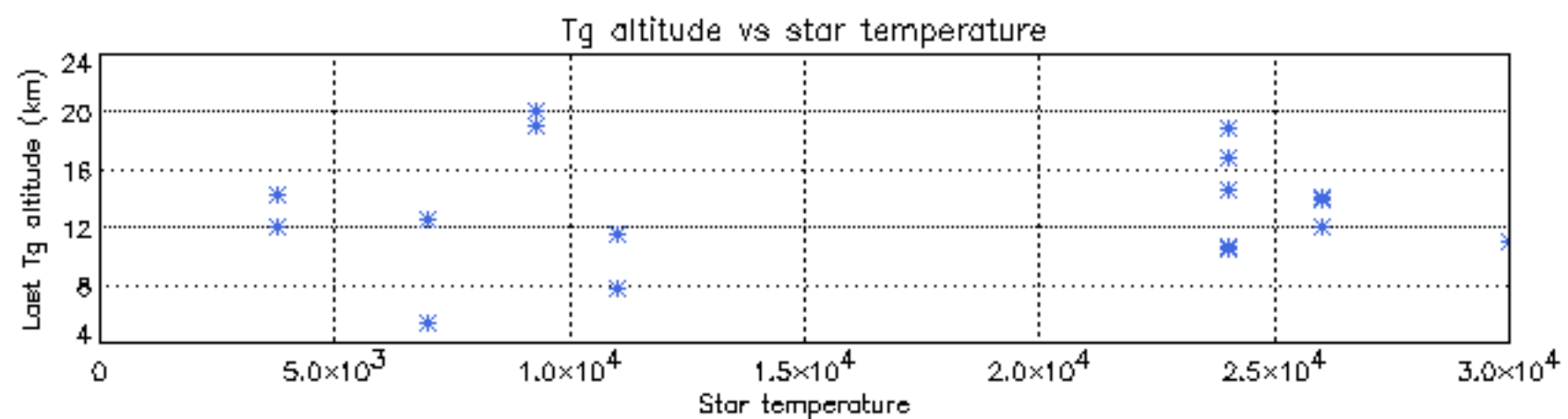
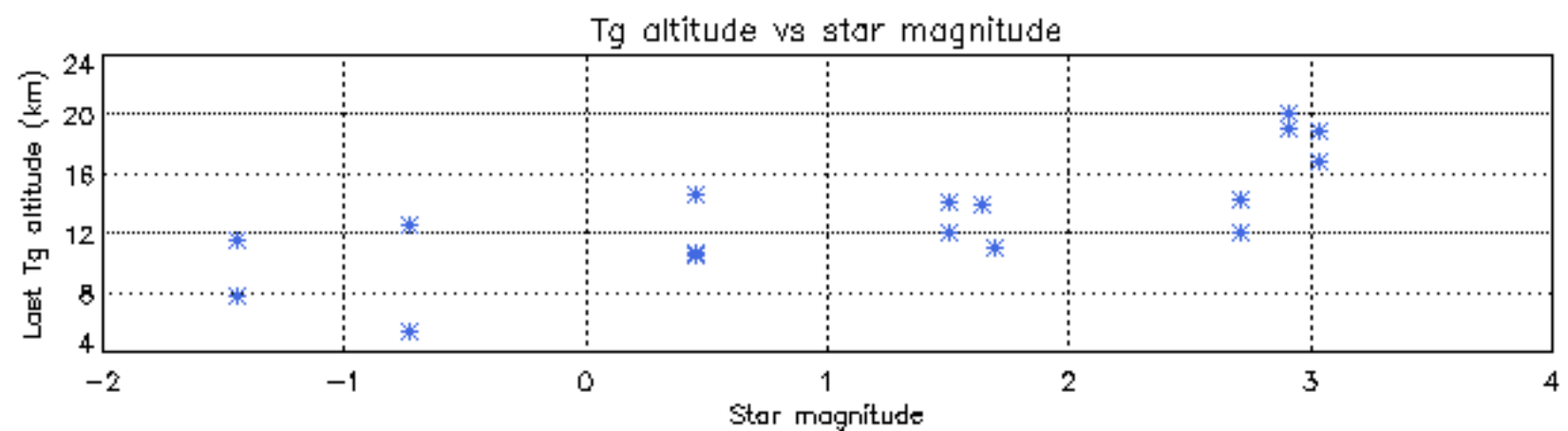
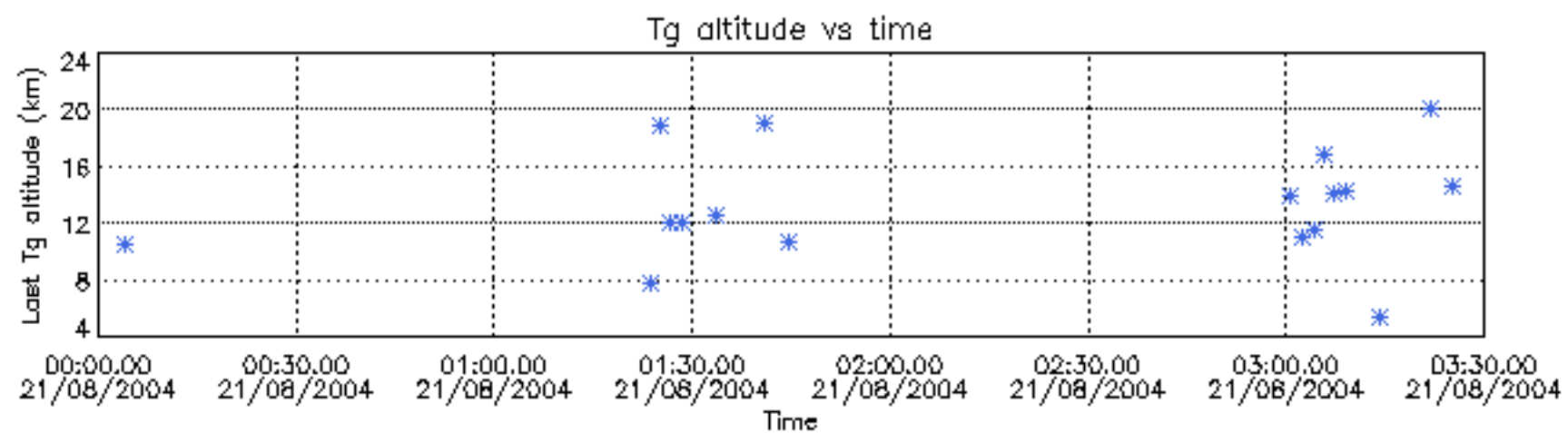
Percentage of star falling outside central band per profile



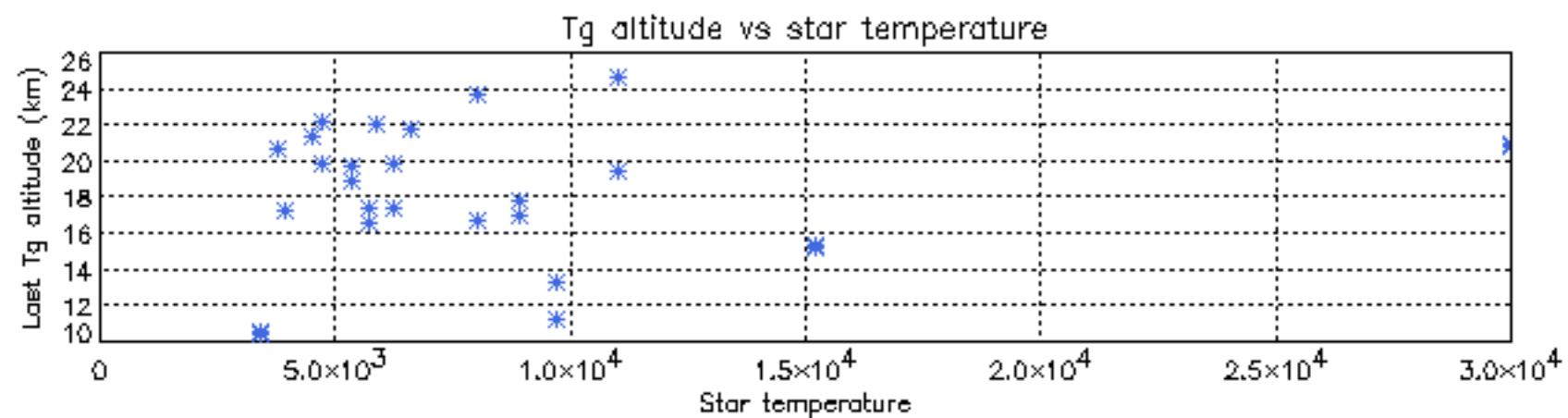
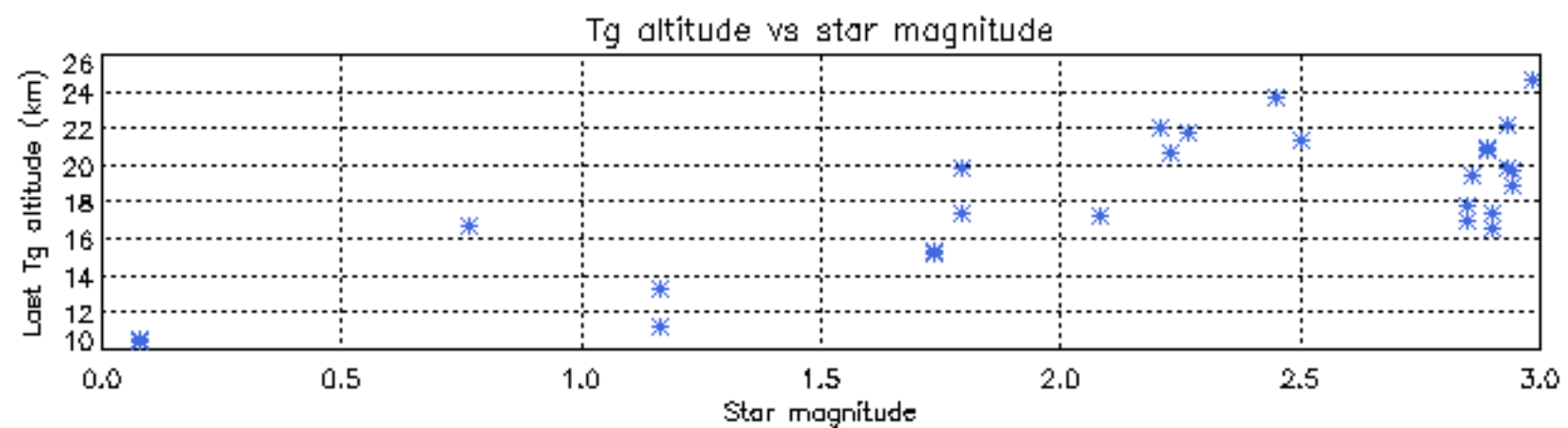
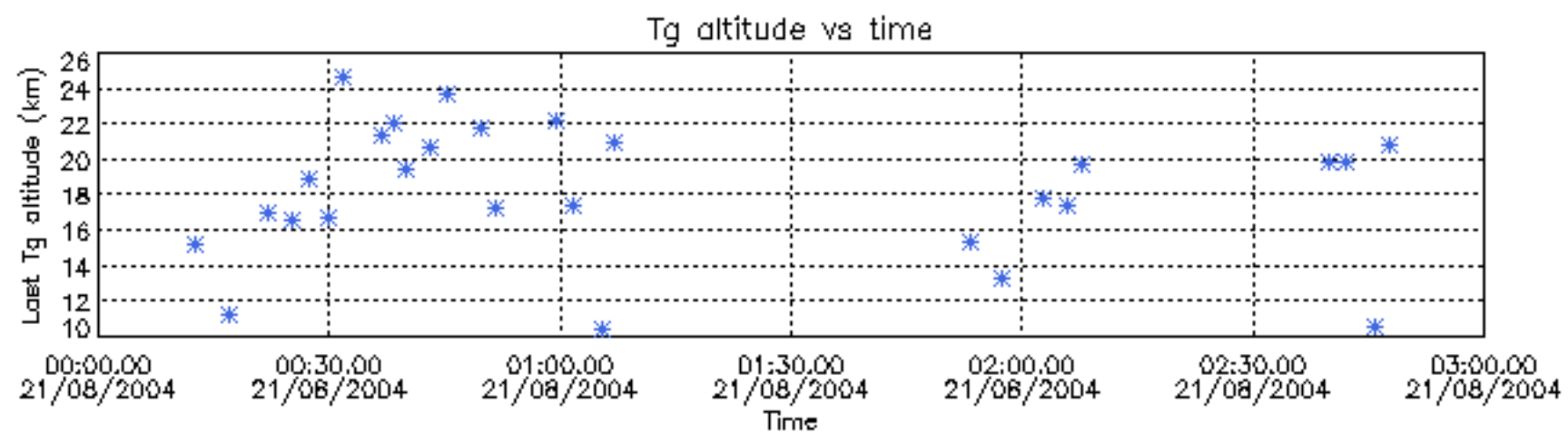
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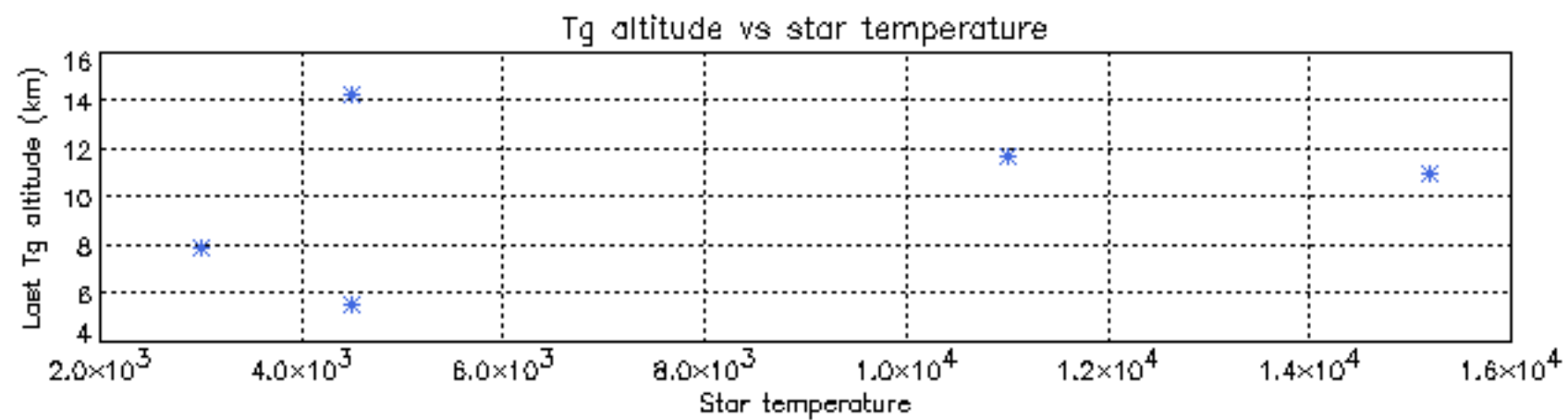
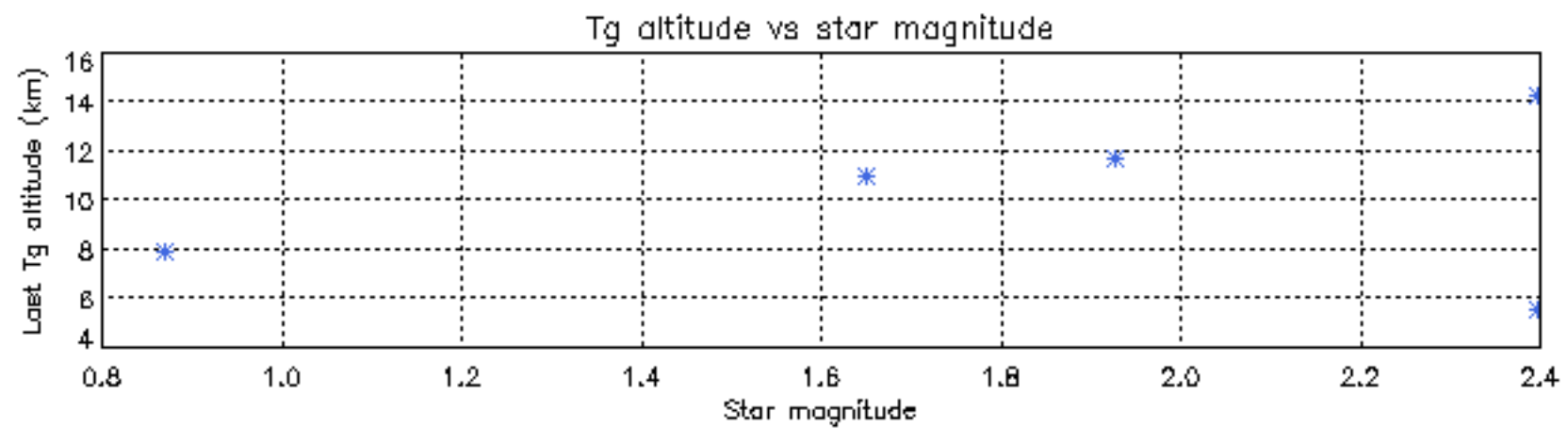
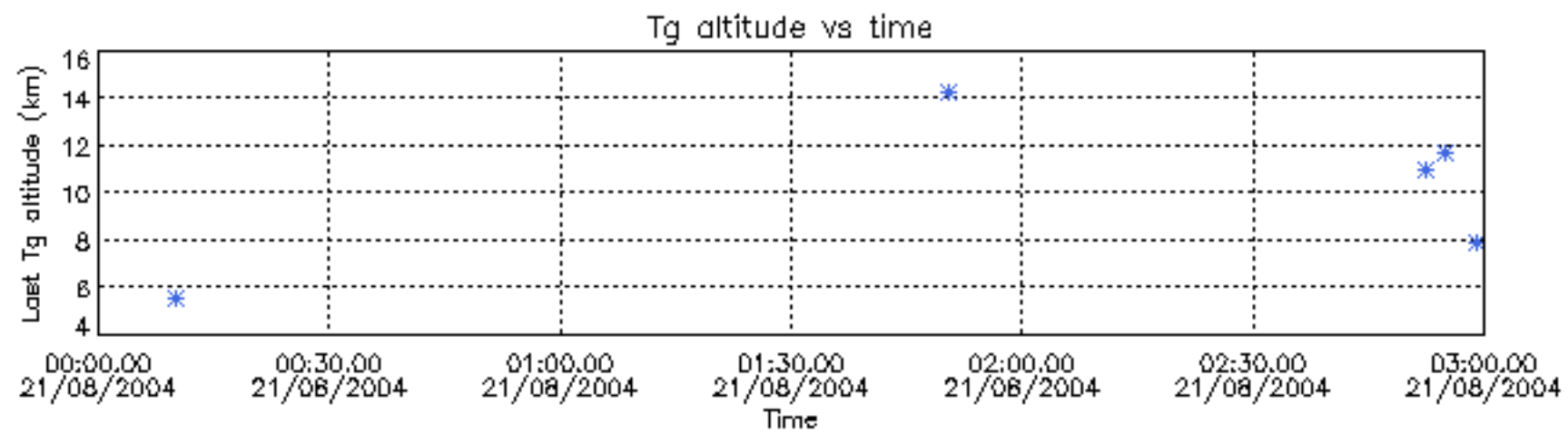
Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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9;-2596.5; 02-AUG-2004 09:12:08; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;12672
10;-2456.3; 02-AUG-2004 09:14:28; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;12672
11;-2067.5; 02-AUG-2004 09:20:57; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;12672
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13;-1736.6; 02-AUG-2004 09:26:28; Dark ; 255.0; 53; 43Bet And ; 2.05; 3300;occ; 510; 0;12672
14;-1392.8; 02-AUG-2004 09:32:12; Dark ; 39.5; 176; 23Zet Tau ; 3.02; 22000;occ; 79; 0;12672
15;-1238.0; 02-AUG-2004 09:34:47; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 0;12672
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19; -811.7; 02-AUG-2004 09:41:53; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;12672
20; -724.4; 02-AUG-2004 09:43:20; Dark ; 43.0; 101; 11Alp Lep ; 2.58; 7000;occ; 86; 0;12672
21; -566.9; 02-AUG-2004 09:45:58; Dark ; 59.5; 165; 34Gam Eri ; 2.95; 3200;occ; 119; 0;12672
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23; -2.0; 02-AUG-2004 09:55:23; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;12672
24; 322.3; 02-AUG-2004 10:00:47; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;12673
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27; 727.0; 02-AUG-2004 10:07:32; Dark ; 44.5; 148; Alp Tuc ; 2.88; 4100;occ; 89; 0;12673
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7;-2991.8; 02-AUG-2004 10:46:09; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;12673
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10;-2456.9; 02-AUG-2004 10:55:04; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;12673
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14;-1392.7; 02-AUG-2004 11:12:48; Dark ; 39.5; 176; 23Zet Tau ; 3.02; 22000;occ; 79; 0;12673
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17;-1003.9; 02-AUG-2004 11:19:17; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;12673
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19; -811.9; 02-AUG-2004 11:22:29; Dark ; 44.0; 1; 9Alp CMA ; -1.44; 11000;occ; 88; 0;12673
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21; -566.1; 02-AUG-2004 11:26:34; Dark ; 60.0; 165; 34Gam Eri ; 2.95; 3200;occ; 120; 0;12673
22; -284.7; 02-AUG-2004 11:31:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;12673
23; -1.3; 02-AUG-2004 11:35:59; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;12673
24; 322.7; 02-AUG-2004 11:41:23; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;12674
25; 430.2; 02-AUG-2004 11:43:11; Dark ; 39.5; 135; Bet Hyi ; 2.82; 5800;occ; 79; 0;12674
26; 617.6; 02-AUG-2004 11:46:18; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;12674
27; 727.3; 02-AUG-2004 11:48:08; Dark ; 48.0; 148; Alp Tuc ; 2.88; 4100;occ; 96; 0;12674
28; 862.6; 02-AUG-2004 11:50:23; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;12674
29; 1147.7; 02-AUG-2004 11:55:08; Dark ; 69.5; 18; 24Alp PsA ; 1.17; 9700;occ; 139; 0;12674
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31; 1570.4; 02-AUG-2004 12:02:11; Bright; 51.0; 142; 49Del Cap ; 2.85; 8900;occ; 102; 0;12674
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3;-3890.5; 02-AUG-2004 12:11:46; Bright; 37.0; 168; 17Zet Aql ; 2.99; 11000;occ; 74; 0;12674
4;-3465.4; 02-AUG-2004 12:18:51; Bright; 37.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 74; 0;12674
5;-3347.7; 02-AUG-2004 12:20:49; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;12674
6;-3235.8; 02-AUG-2004 12:22:41; Bright; 40.0; 69; 33Gam Dra ; 2.23; 3800;occ; 80; 0;12674
7;-2991.9; 02-AUG-2004 12:26:44; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;12674
8;-2744.7; 02-AUG-2004 12:30:52; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;12674
9;-2596.9; 02-AUG-2004 12:33:19; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;12674

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 12;-1896.2; 02-AUG-2004 12:45:00; Bright; 89.5; 73; 57Gam1And ; 2.26; 13100;occ; 179; 0;12674
 13;-1738.5; 02-AUG-2004 12:47:38; Dark ; 255.0; 53; 43Bet And ; 2.05; 3300;occ; 510; 0;12674
 14;-1392.8; 02-AUG-2004 12:53:24; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;12674
 15;-1237.6; 02-AUG-2004 12:55:59; Dark ; 65.0; 13; 87Alp Tau ; 0.87; 3800;occ; 130; 0;12674
 16;-1119.8; 02-AUG-2004 12:57:57; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;12674
 17;-1003.7; 02-AUG-2004 12:59:53; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;12674
 18; -923.7; 02-AUG-2004 13:01:13; Dark ; 42.0; 125; 44Iot Ori ; 2.77; 30000;occ; 84; 0;12674
 19; -811.7; 02-AUG-2004 13:03:05; Dark ; 39.0; 1; 9Alp CMA ; -1.44; 11000;occ; 78; 0;12674
 20; -723.8; 02-AUG-2004 13:04:33; Dark ; 41.5; 101; 11Alp Lep ; 2.58; 7000;occ; 83; 0;12674
 21; -565.1; 02-AUG-2004 13:07:11; Dark ; 58.0; 165; 34Gam Eri ; 2.95; 3200;occ; 116; 0;12674
 22; -283.9; 02-AUG-2004 13:11:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;12674
 23; -0.3; 02-AUG-2004 13:16:36; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;12674
 24; 323.4; 02-AUG-2004 13:22:00; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;12675
 25; 430.4; 02-AUG-2004 13:23:47; Dark ; 39.5; 135; Bet Hyi ; 2.82; 5800;occ; 79; 0;12675
 26; 617.4; 02-AUG-2004 13:26:54; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;12675
 27; 727.7; 02-AUG-2004 13:28:44; Dark ; 45.5; 148; Alp Tuc ; 2.88; 4100;occ; 91; 0;12675
 28; 931.1; 02-AUG-2004 13:32:07; Dark ; 50.5; 31; Alp Gru ; 1.73; 15200;occ; 101; 0;12675
 29; 1147.7; 02-AUG-2004 13:35:44; Dark ; 72.0; 18; 24Alp PsA ; 1.17; 9700;occ; 144; 0;12675
 30; 1416.2; 02-AUG-2004 13:40:13; Dark ; 50.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 101; 0;12675
 31; 1570.0; 02-AUG-2004 13:42:46; Bright; 1.5; 142; 49Del Cap ; 2.85; 8900;occ; 3; 0;12675

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Problem occurred when reading packet number 991!

Problem occurred when reading packet number 3241!

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 3;-3979.8; 02-AUG-2004 13:50:52; Bright; 38.5; 11; 53Alp Aql ; 0.76; 8000;occ; 77; 0;12675
 4;-3891.0; 02-AUG-2004 13:52:21; Bright; 36.5; 168; 17Zet Aql ; 2.99; 11000;occ; 73; 0;12675
 5;-3465.1; 02-AUG-2004 13:59:27; Bright; 40.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 80; 0;12675
 6;-3347.6; 02-AUG-2004 14:01:25; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;12675
 7;-3235.4; 02-AUG-2004 14:03:17; Bright; 41.0; 69; 33Gam Dra ; 2.23; 3800;occ; 82; 0;12675
 8;-2991.4; 02-AUG-2004 14:07:21; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;12675
 9;-2743.8; 02-AUG-2004 14:11:28; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;12675
 10;-2596.7; 02-AUG-2004 14:13:56; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;12675
 11;-2458.3; 02-AUG-2004 14:16:14; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;12675
 12;-2067.8; 02-AUG-2004 14:22:45; Bright; 316.0; 160; 23Gam Per ; 2.93; 4700;occ; 632; 547;12675
 13;-144771048.8; 01-JAN-2000 00:46:23; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 90;12675
 14;-144770922.2; 01-JAN-2000 00:48:30; Bright; 87.0; 73; 57Gam1And ; 2.26; 13100;occ; 174; 0;12675
 15;-144770764.8; 01-JAN-2000 00:51:07; Dark ; 255.0; 53; 43Bet And ; 2.05; 3300;occ; 510; 0;12675
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 17;-144770262.1; 01-JAN-2000 00:59:30; Dark ; 65.0; 13; 87Alp Tau ; 0.87; 3800;occ; 130; 0;12675
 18;-144770143.1; 01-JAN-2000 01:01:29; Dark ; 42.0; 27; 24Gam Ori ; 1.64; 26000;occ; 84; 0;12675
 19;-144770028.3; 01-JAN-2000 01:03:24; Dark ; 40.0; 30; 46Eps Ori ; 1.69; 30000;occ; 80; 0;12675
 20;-144769948.4; 01-JAN-2000 01:04:44; Dark ; 39.0; 125; 44Iot Ori ; 2.77; 30000;occ; 78; 0;12675
 21;-144769836.0; 01-JAN-2000 01:06:36; Dark ; 45.0; 1; 9Alp CMA ; -1.44; 11000;occ; 90; 0;12675
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 23;-144769601.1; 01-JAN-2000 01:10:31; Dark ; 39.5; 177; 1Zet CMA ; 3.02; 26000;occ; 79; 0;12675
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 26;-144769024.4; 01-JAN-2000 01:20:08; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;12675
 27;-144768701.3; 01-JAN-2000 01:25:31; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;12675
 28;-144768594.9; 01-JAN-2000 01:27:17; Dark ; 41.0; 135; Bet Hyi ; 2.82; 5800;occ; 82; 0;12675
 29;-144768406.0; 01-JAN-2000 01:30:26; Dark ; 65.0; 84; Alp Phe ; 2.40; 4500;occ; 130; 0;12675
 30;-144768297.3; 01-JAN-2000 01:32:15; Dark ; 45.5; 148; Alp Tuc ; 2.88; 4100;occ; 91; 0;12675
 31;-144768092.7; 01-JAN-2000 01:35:40; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 15;12675
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 2;-4465.4; 02-AUG-2004 15:23:23; Bright; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;12676
 3;-4219.2; 02-AUG-2004 15:27:29; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;12676
 4;-3980.2; 02-AUG-2004 15:31:28; Bright; 39.5; 11; 53Alp Aql ; 0.76; 8000;occ; 79; 0;12676
 5;-3892.0; 02-AUG-2004 15:32:56; Bright; 38.0; 168; 17Zet Aql ; 2.99; 11000;occ; 76; 0;12676
 6;-3465.5; 02-AUG-2004 15:40:03; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;12676
 7;-3348.0; 02-AUG-2004 15:42:00; Bright; 36.0; 144; 18Del Cyg ; 2.86; 11000;occ; 72; 0;12676
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 9;-2991.6; 02-AUG-2004 15:47:57; Bright; 36.0; 119; 14Eta Dra ; 2.73; 4700;occ; 72; 0;12676

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10;-2744.2; 02-AUG-2004 15:52:04; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;12676
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27; 324.7; 02-AUG-2004 16:43:13; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;12677
28; 430.4; 02-AUG-2004 16:44:59; Dark ; 41.5; 135; Bet Hyi ; 2.82; 5800;occ; 83; 0;12677
29; 620.5; 02-AUG-2004 16:48:09; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;12677
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31; 931.9; 02-AUG-2004 16:53:20; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;12677
32; 1149.6; 02-AUG-2004 16:56:58; Dark ; 22.0; 18; 24Alp PsA ; 1.17; 9700;occ; 44; 0;12677
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21; -726.0; 23-AUG-2004 12:04:07; Dark ; 55.0; 1; 9Alp CMA ; -1.44; 11000;occ; 110; 0;12974
22; -632.5; 23-AUG-2004 12:05:40; Dark ; 75.5; 7; 19Bet Ori ; 0.10; 14000;occ; 151; 0;12974
23; -423.7; 23-AUG-2004 12:09:09; Dark ; 40.0; 70; Zet Pup ; 2.25; 39000;occ; 80; 0;12974
24; -313.0; 23-AUG-2004 12:11:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;12974
25; -140.1; 23-AUG-2004 12:13:53; Dark ; 53.0; 2; Alp Car ; -0.74; 7000;occ; 106; 0;12974
26; 340.9; 23-AUG-2004 12:21:54; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;12975
27; 527.8; 23-AUG-2004 12:25:01; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;12975
28; 833.0; 23-AUG-2004 12:30:06; Dark ; 43.0; 148; Alp Tuc ; 2.88; 4100;occ; 86; 0;12975
29; 971.1; 23-AUG-2004 12:32:24; Dark ; 39.0; 45; Alp Pav ; 1.94; 26000;occ; 78; 0;12975
30; 1050.7; 23-AUG-2004 12:33:43; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;12975
31; 1291.9; 23-AUG-2004 12:37:45; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;12975
32; 1602.7; 23-AUG-2004 12:42:55; Dark ; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 21; 0;12975
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 1;-4433.2; 23-AUG-2004 12:42:55; Dark ; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;12975
 2;-4237.3; 23-AUG-2004 12:46:11; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;12975
 3;-4134.0; 23-AUG-2004 12:47:55; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;12975
 4;-3949.8; 23-AUG-2004 12:50:59; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;12975
 5;-3707.3; 23-AUG-2004 12:55:01; Bright; 56.5; 90; 54Alp Peg ; 2.49; 11000;occ; 113; 0;12975
 6;-3549.5; 23-AUG-2004 12:57:39; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;12975
 7;-3445.2; 23-AUG-2004 12:59:23; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;12975
 8;-3357.4; 23-AUG-2004 13:00:51; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;12975
 9;-3046.3; 23-AUG-2004 13:06:02; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;12975
10;-2814.4; 23-AUG-2004 13:09:54; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;12975
11;-2654.0; 23-AUG-2004 13:12:35; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;12975
12;-2257.9; 23-AUG-2004 13:19:11; Bright; 38.0; 36; 50Alp UMa ; 1.80; 6300;occ; 76; 0;12975
13;-2107.6; 23-AUG-2004 13:21:41; Bright; 62.5; 35; 33Alp Per ; 1.79; 6250;occ; 125; 0;12975
14;-1809.6; 23-AUG-2004 13:26:39; Dark ; 255.0; 173; 4Bet Tri ; 3.00; 8900;occ; 510; 0;12975
15;-1460.4; 23-AUG-2004 13:32:28; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;12975

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16;	-1286.0;	23-AUG-2004	13:35:23;	Dark	;	42.0;	44;	24Gam	Gem	;	1.93;	11000;	occ;	84;	0;	12975
17;	-1194.6;	23-AUG-2004	13:36:54;	Dark	;	38.5;	153;	3Bet	CMi	;	2.89;	13100;	occ;	77;	0;	12975
18;	-1049.9;	23-AUG-2004	13:39:19;	Dark	;	60.5;	14;	58Alp	Ori	;	0.87;	3000;	occ;	121;	0;	12975
19;	-953.0;	23-AUG-2004	13:40:56;	Dark	;	63.5;	27;	24Gam	Ori	;	1.64;	26000;	occ;	127;	0;	12975
20;	-836.6;	23-AUG-2004	13:42:52;	Dark	;	56.5;	30;	46Eps	Ori	;	1.69;	30000;	occ;	113;	0;	12975
21;	-725.2;	23-AUG-2004	13:44:43;	Dark	;	51.0;	1;	9Alp	CMa	;	-1.44;	11000;	occ;	102;	0;	12975
22;	-631.1;	23-AUG-2004	13:46:18;	Dark	;	63.0;	7;	19Bet	Ori	;	0.10;	14000;	occ;	126;	0;	12975
23;	-422.9;	23-AUG-2004	13:49:46;	Dark	;	42.0;	70;	Zet	Pup	;	2.25;	39000;	occ;	84;	0;	12975
24;	-312.8;	23-AUG-2004	13:51:36;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	12975
25;	-139.5;	23-AUG-2004	13:54:29;	Dark	;	53.0;	2;	Alp	Car	;	-0.74;	7000;	occ;	106;	0;	12975
26;	341.8;	23-AUG-2004	14:02:30;	Dark	;	55.5;	157;	The1Eri		;	2.91;	9300;	occ;	111;	0;	12976
27;	528.5;	23-AUG-2004	14:05:37;	Dark	;	48.0;	9;	Alp	Eri	;	0.45;	24000;	occ;	96;	0;	12976
28;	832.7;	23-AUG-2004	14:10:41;	Dark	;	41.5;	148;	Alp	Tuc	;	2.88;	4100;	occ;	83;	0;	12976
29;	971.1;	23-AUG-2004	14:13:00;	Dark	;	43.5;	45;	Alp	Pav	;	1.94;	26000;	occ;	87;	0;	12976
30;	1050.8;	23-AUG-2004	14:14:19;	Dark	;	42.5;	31;	Alp	Gru	;	1.73;	15200;	occ;	85;	0;	12976
31;	1292.1;	23-AUG-2004	14:18:21;	Dark	;	53.0;	18;	24Alp	PsA	;	1.17;	9700;	occ;	106;	0;	12976