

GOMOS Daily Report 17-JAN-2005

Level 0 and Level 1 products

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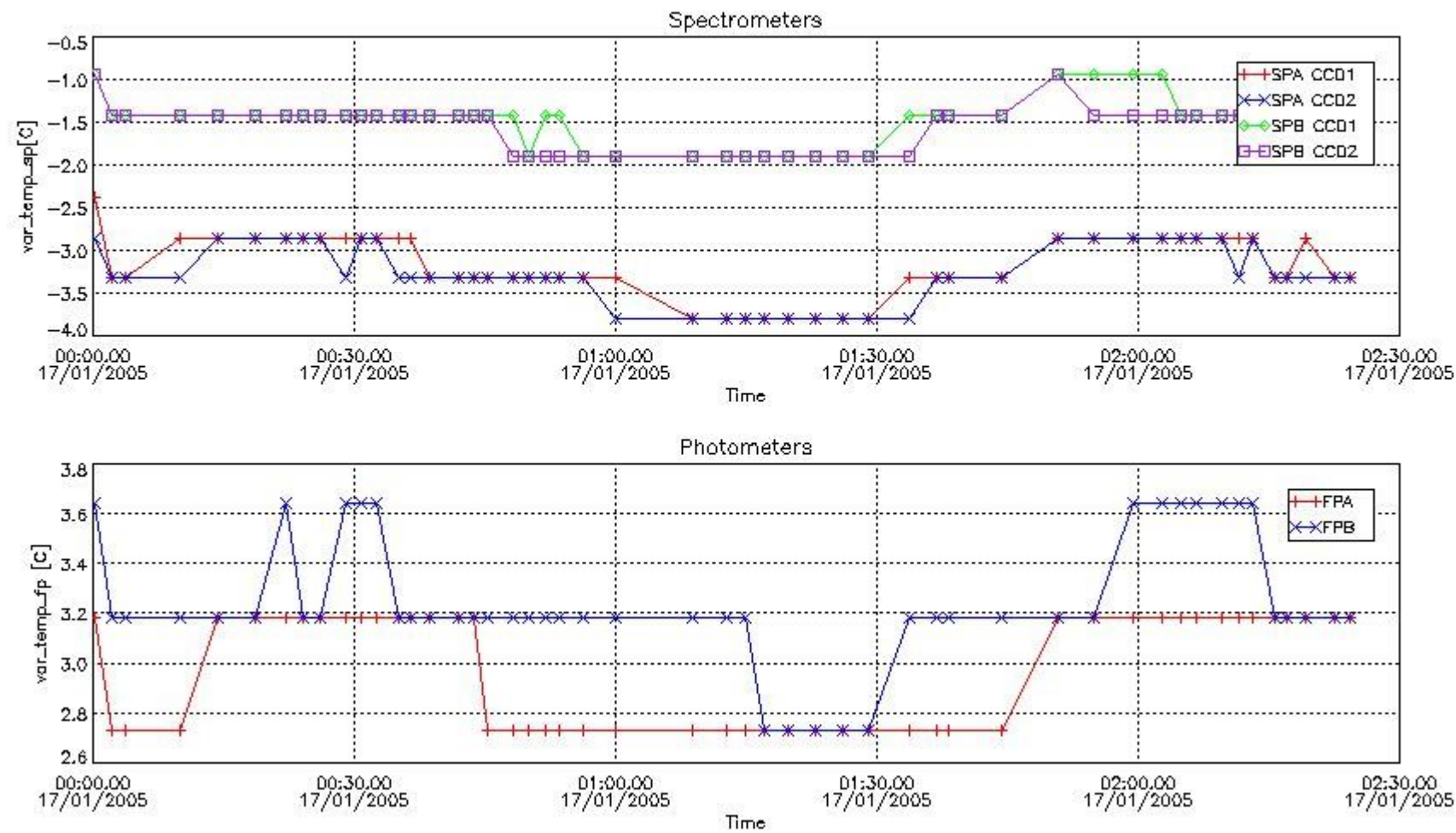
1. General Info

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	20JAN2005 06:06:35

47	GOM_TRA_1PNPDE20050117_021703_000000442033_00490_15073_0015.N1	17-JAN-2005 02:17:03	Twilight	43.500	179	24Omi2CMa	3.0320	24000.	87	15073	No
48	GOM_TRA_1PNPDE20050117_021916_000000502033_00490_15073_0016.N1	17-JAN-2005 02:19:16	Twilight	50.000	1	9Alp CMa	-1.4400	11000.	100	15073	No
49	GOM_TRA_1PNPDE20050117_022236_000000502033_00490_15073_0017.N1	17-JAN-2005 02:22:36	Bright	49.500	7	19Bet Ori	0.10000	14000.	99	15073	No
50	GOM_TRA_1PNPDE20050117_022414_000000442033_00490_15073_0018.N1	17-JAN-2005 02:24:14	Bright	43.500	30	46Eps Ori	1.6940	30000.	87	15073	No

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



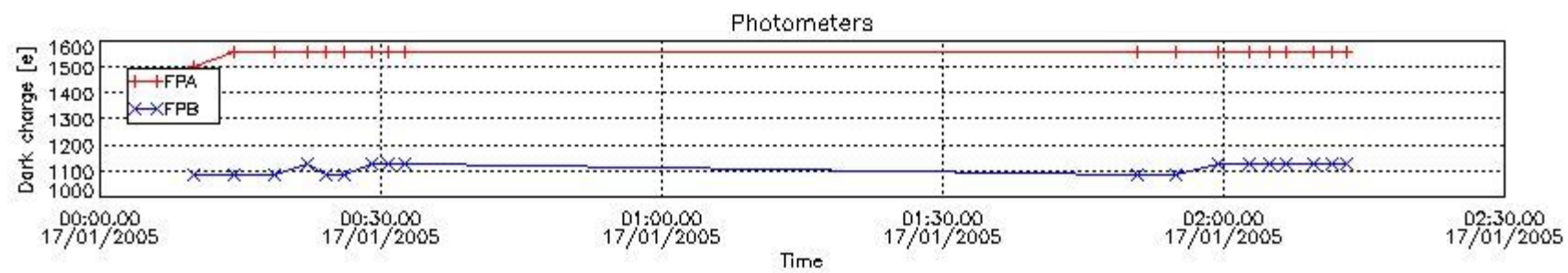
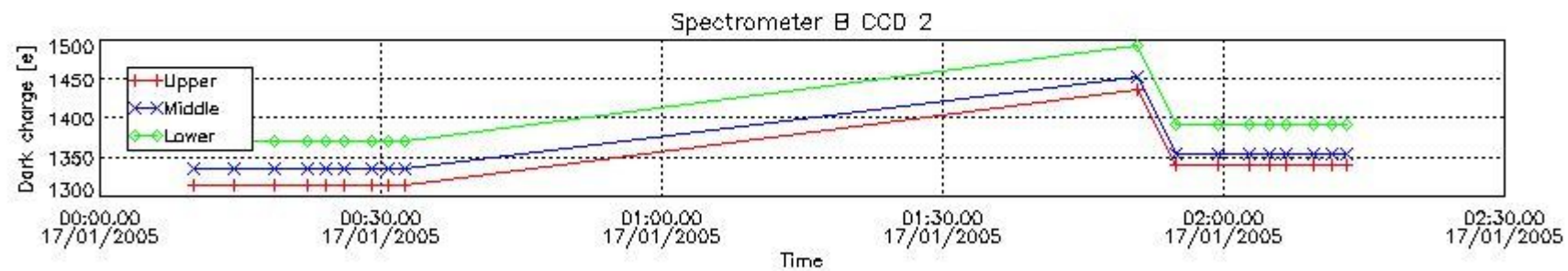
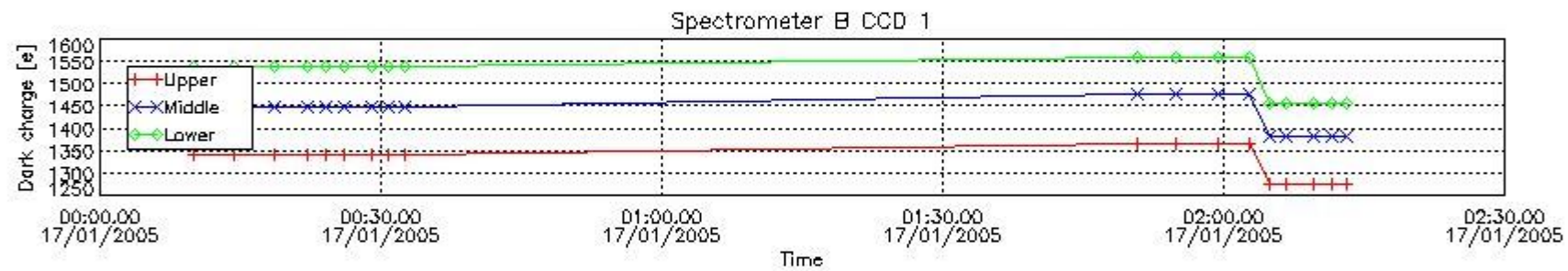
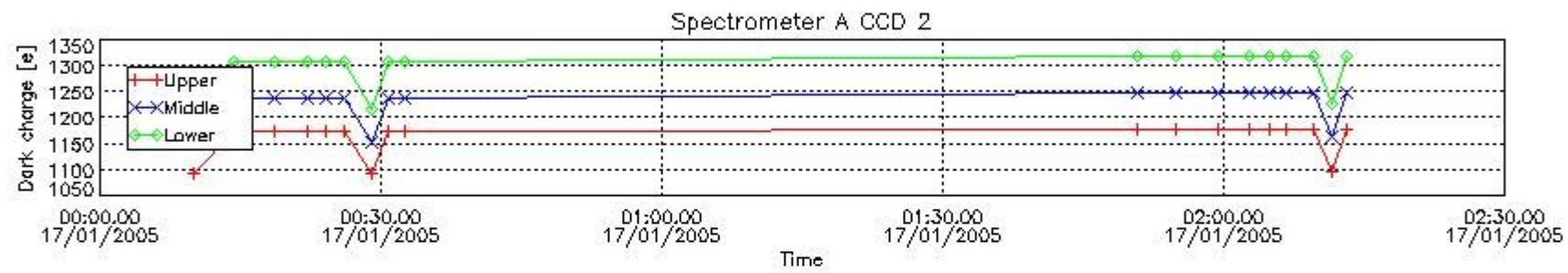
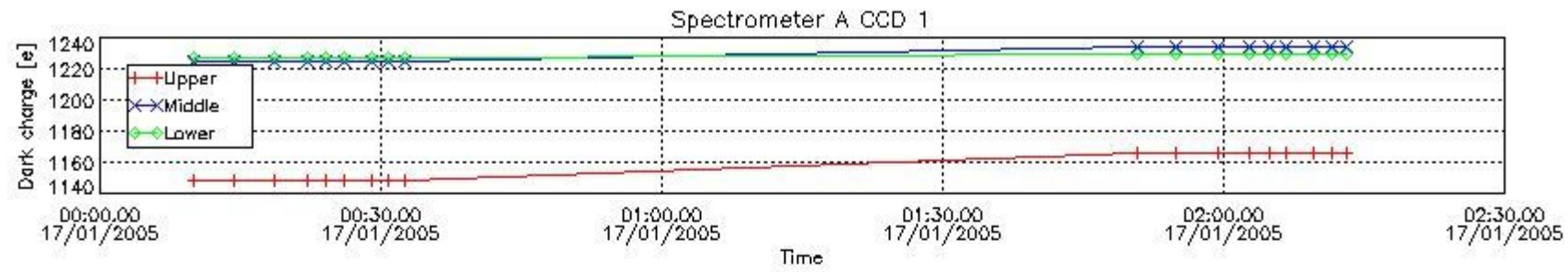
4. Overview of dark signal processing per product

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



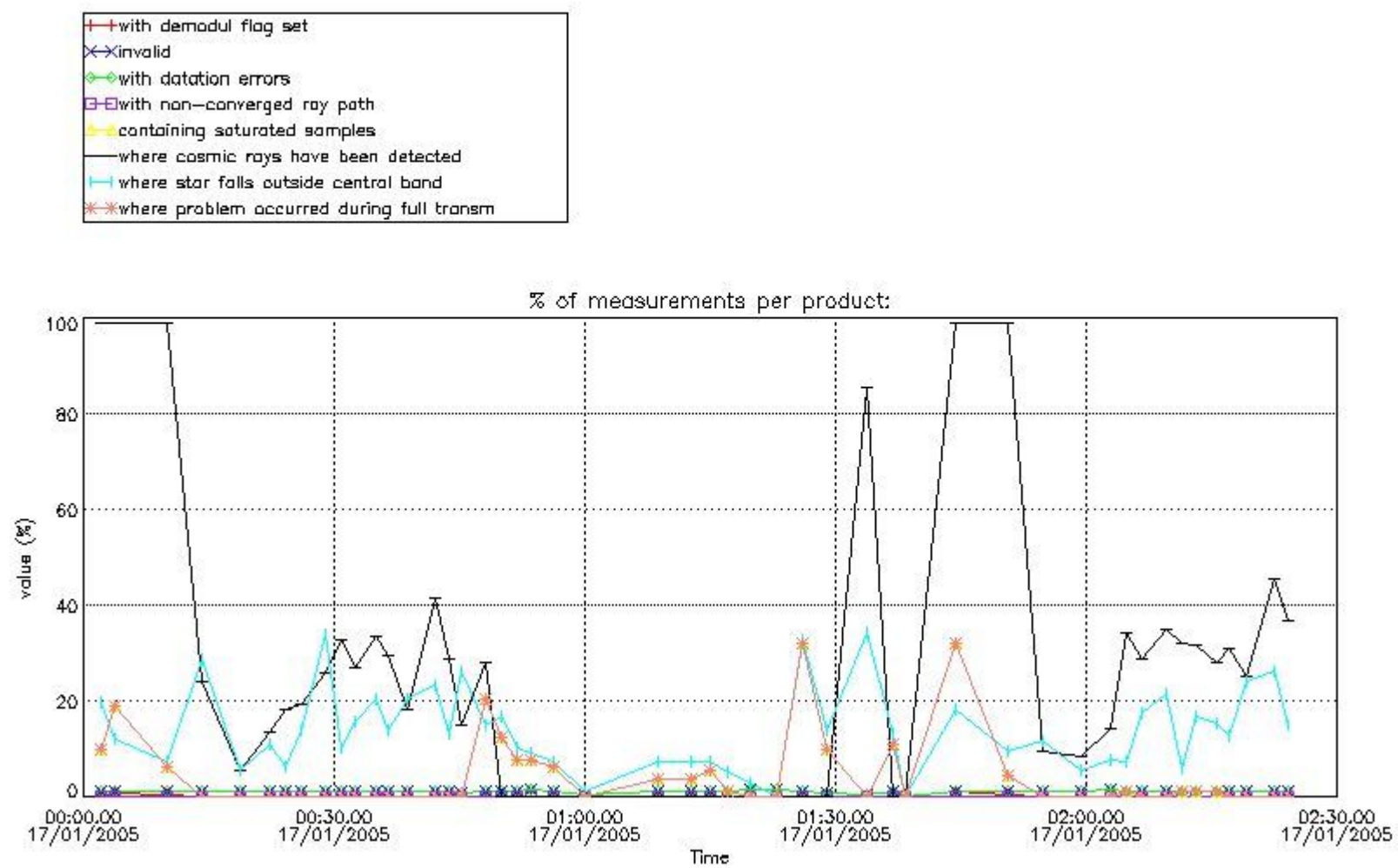
5. Demodulation flag and quality information monitoring

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.

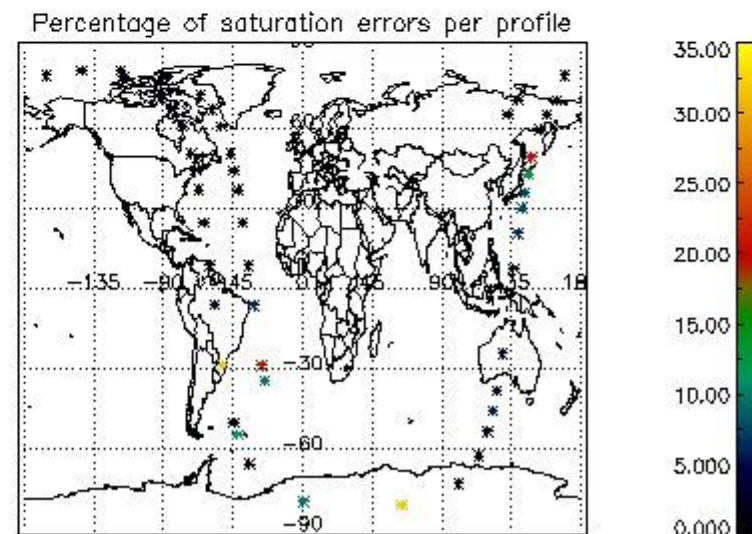
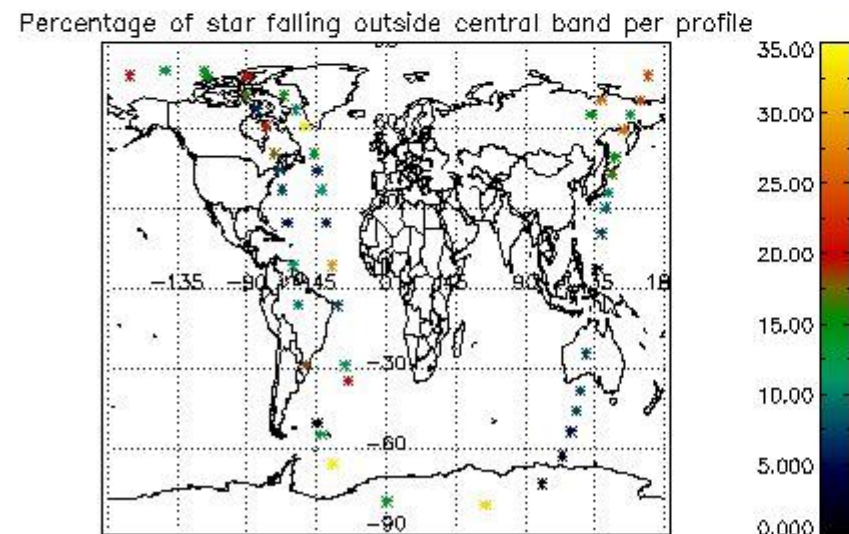
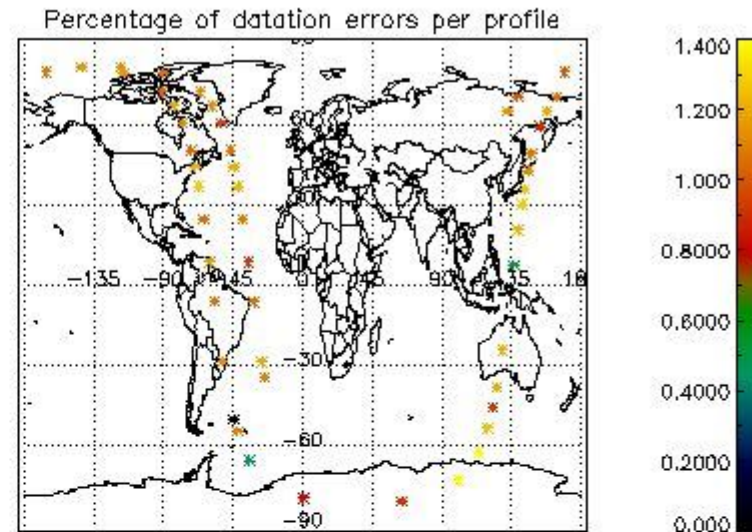
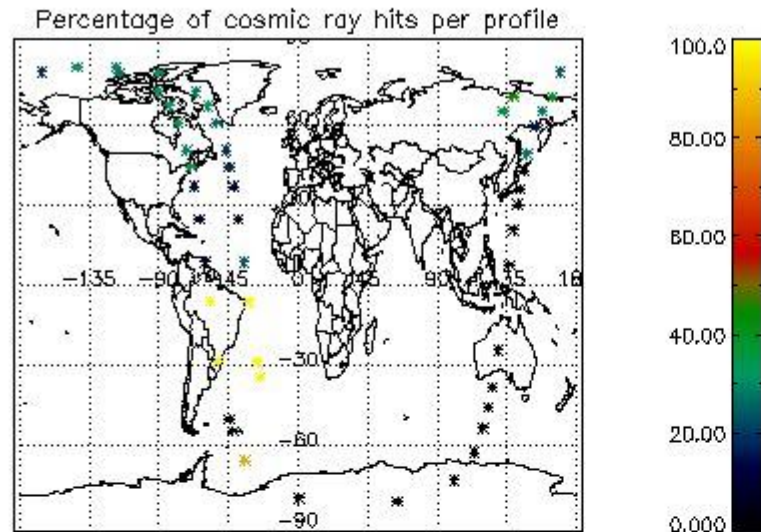
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	20.4082 %
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)



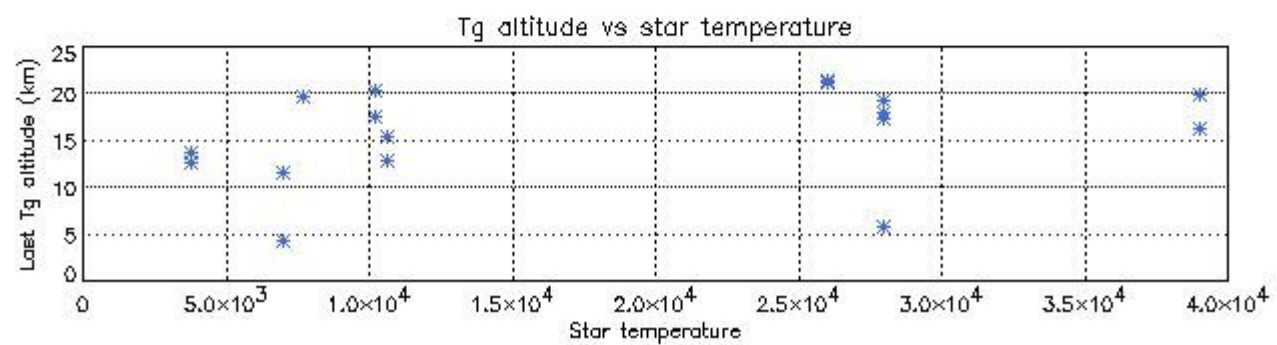
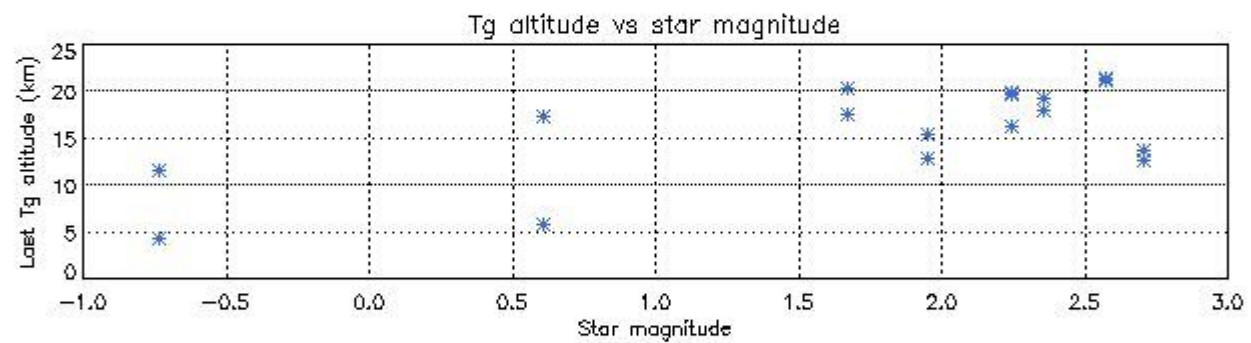
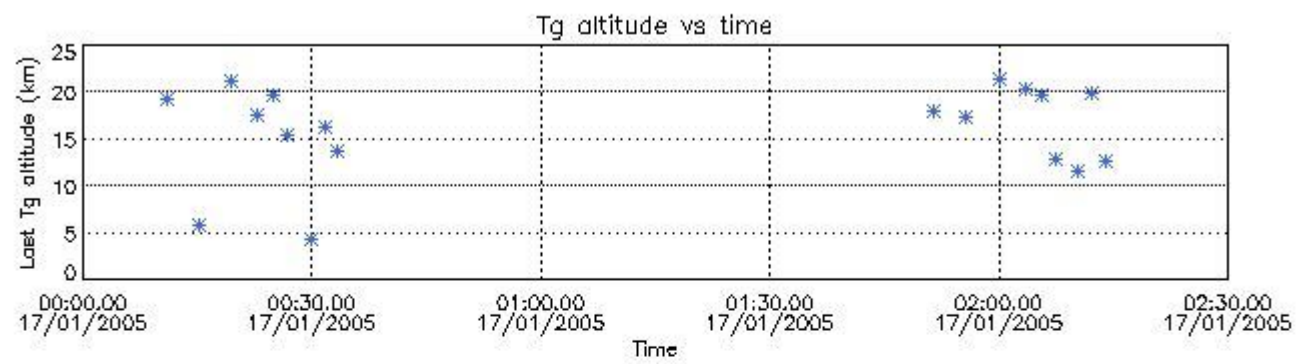
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.934	15.659	19.861
St. deviation:	4.9825	6.3252	24.044
Maximum:	21.282	25.668	92.067
Minimum:	4.3074	4.1599	8.5949
Number of data:	18.000	20.000	11.000

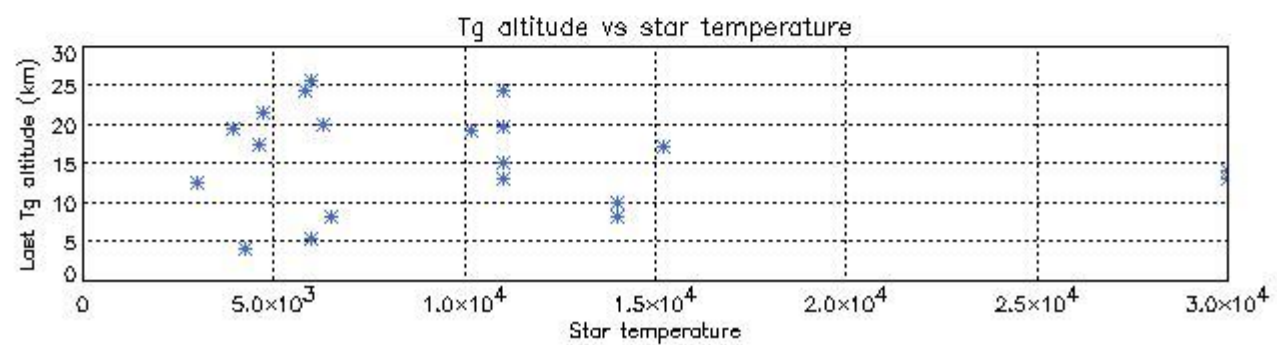
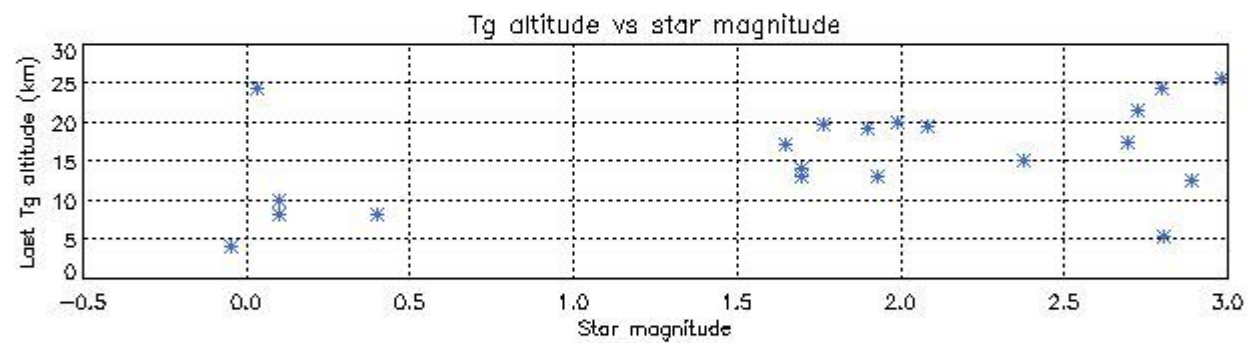
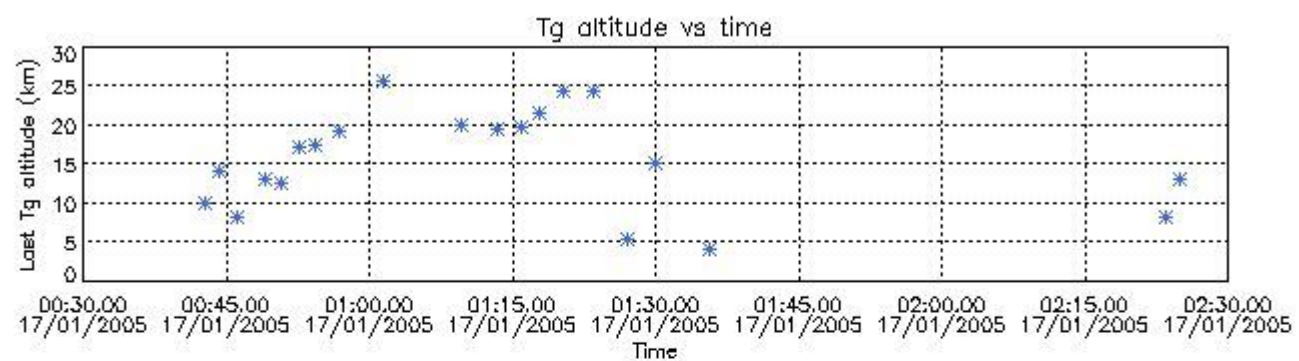
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



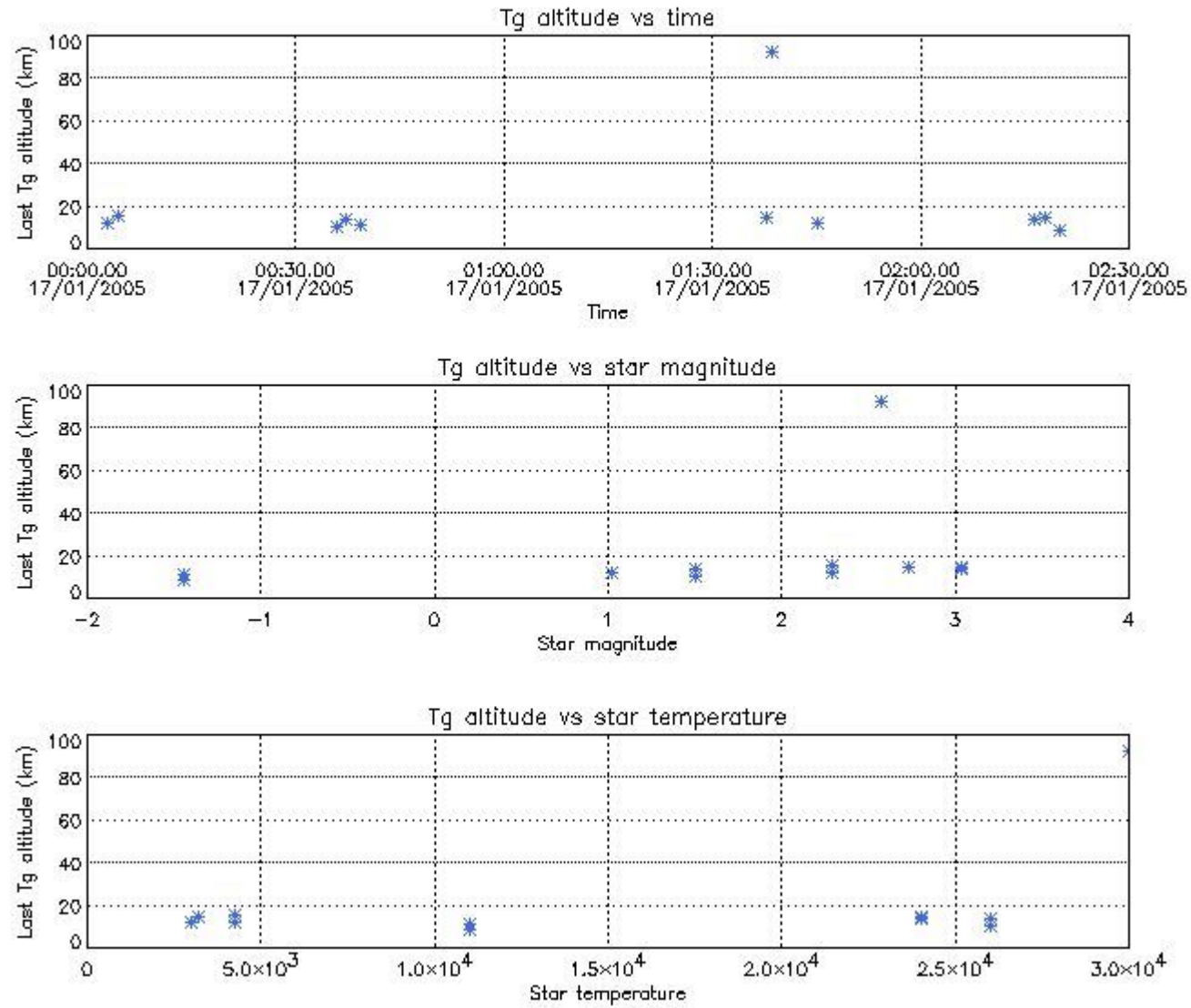
6.3 Plot for BRIGHT limb products

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

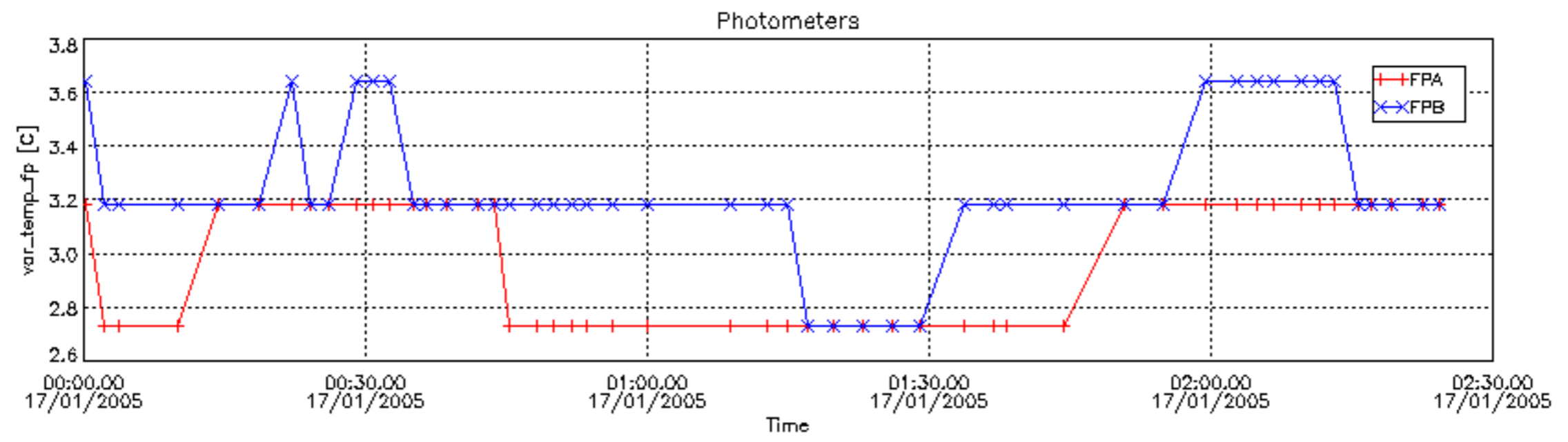
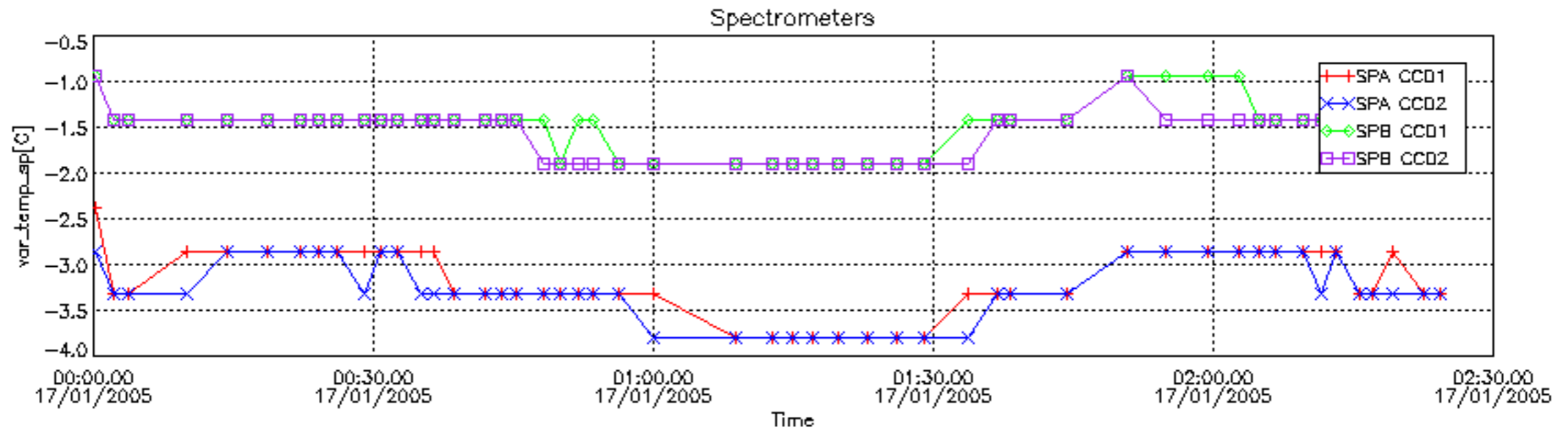
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: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

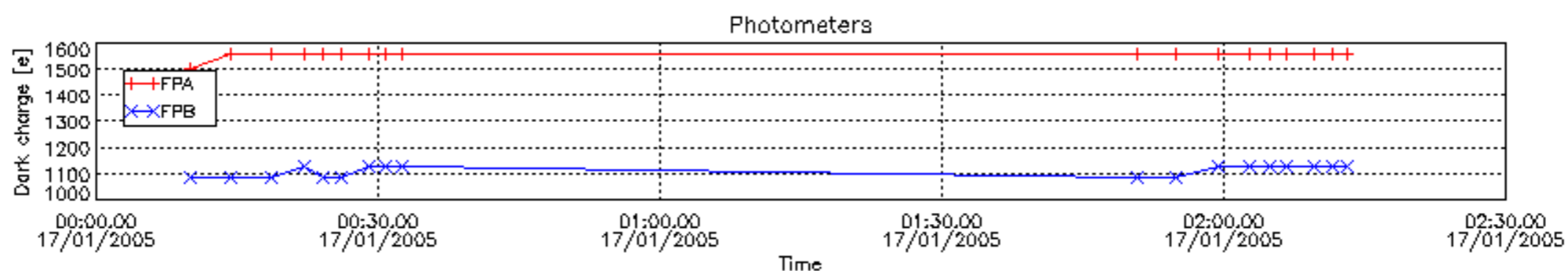
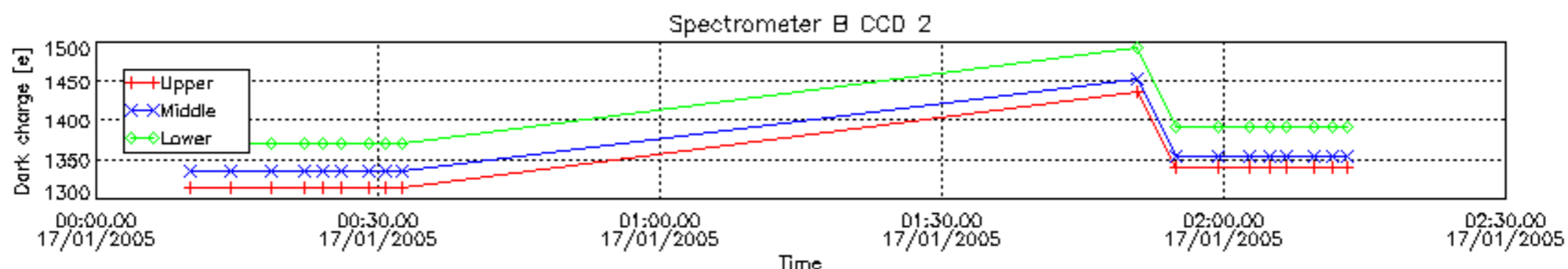
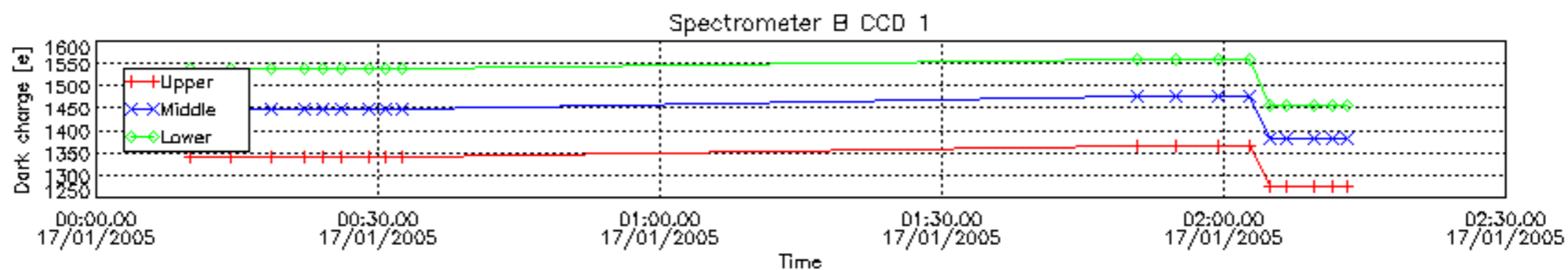
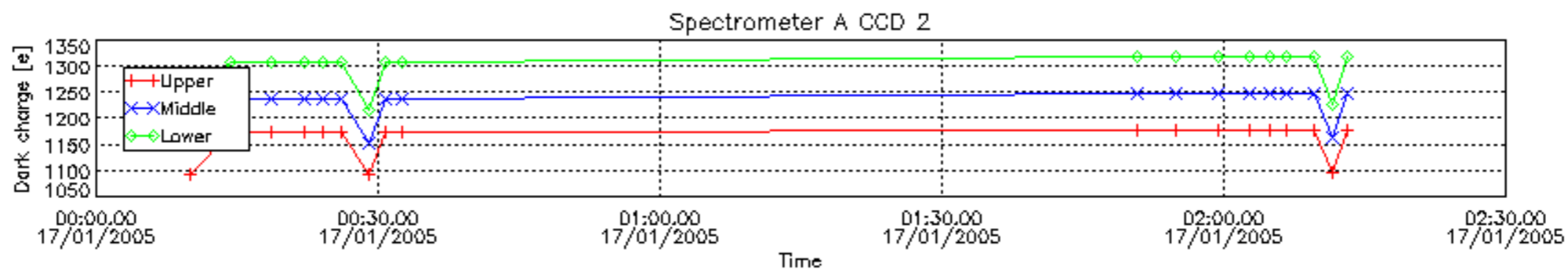
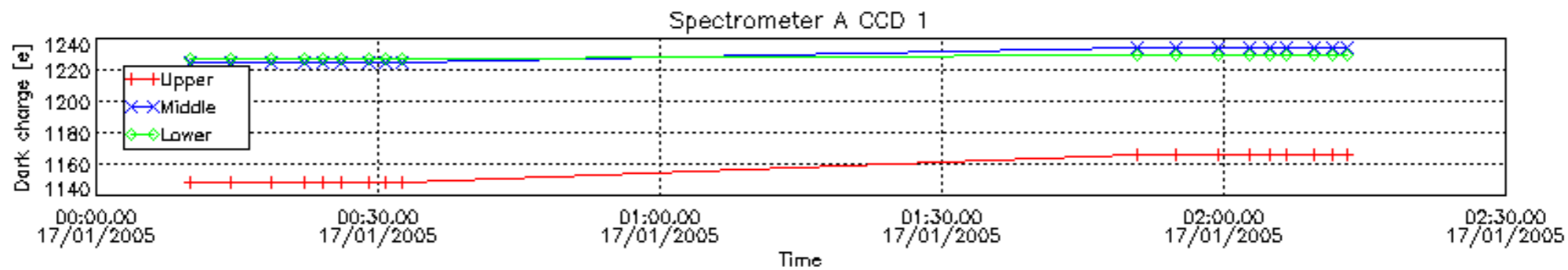
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1461.6	1446.7	1460.9	1448.0
St. deviation:	5.1889	6.2355	4.8157	6.1797
Maximum:	1493.0	1485.0	1494.0	1499.0
Minimum:	1445.0	1434.0	1443.0	1432.0
Number of data:	22000.	22000.	24850.	24850.

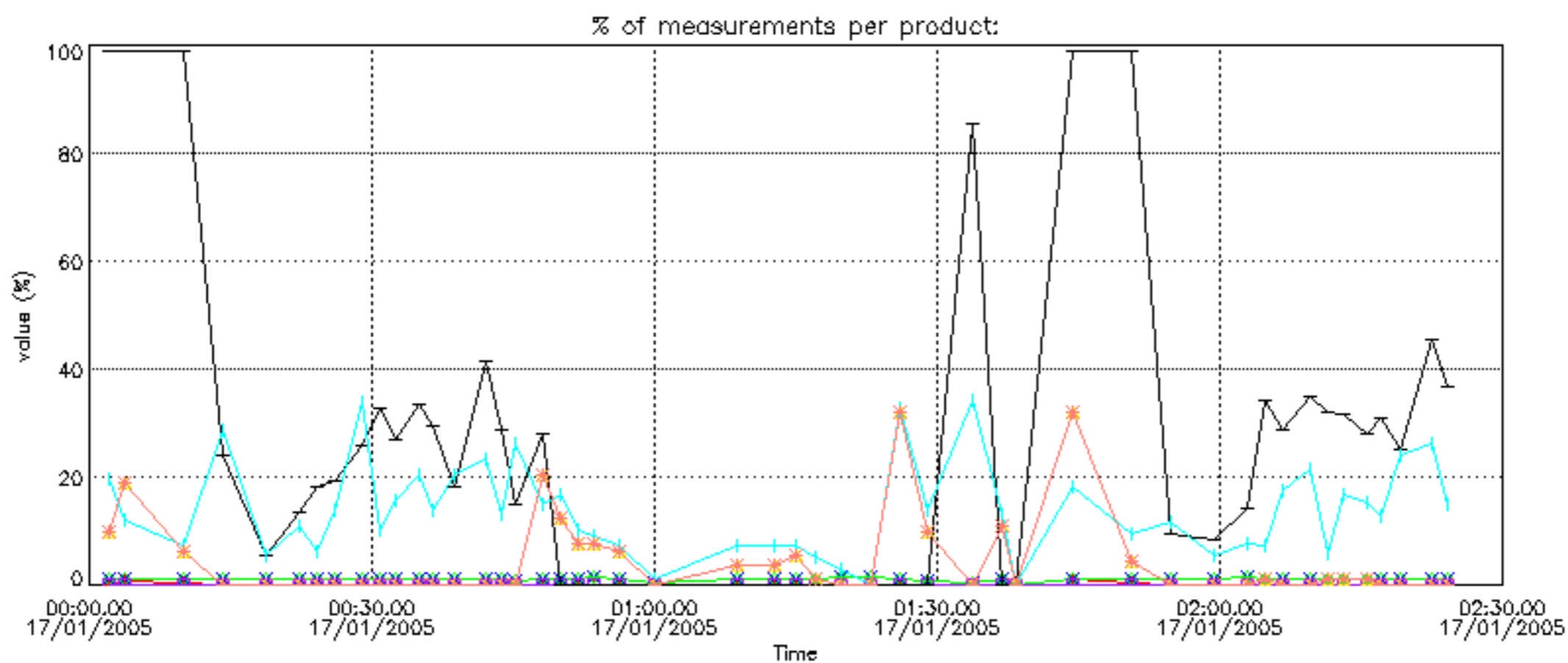
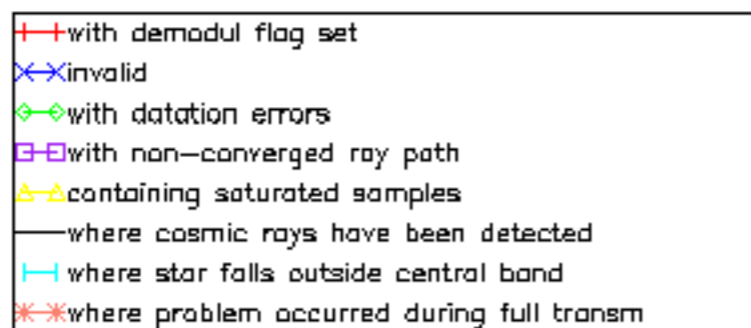
8. Auxiliary Data Files used for the production reported in section 2.2

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.

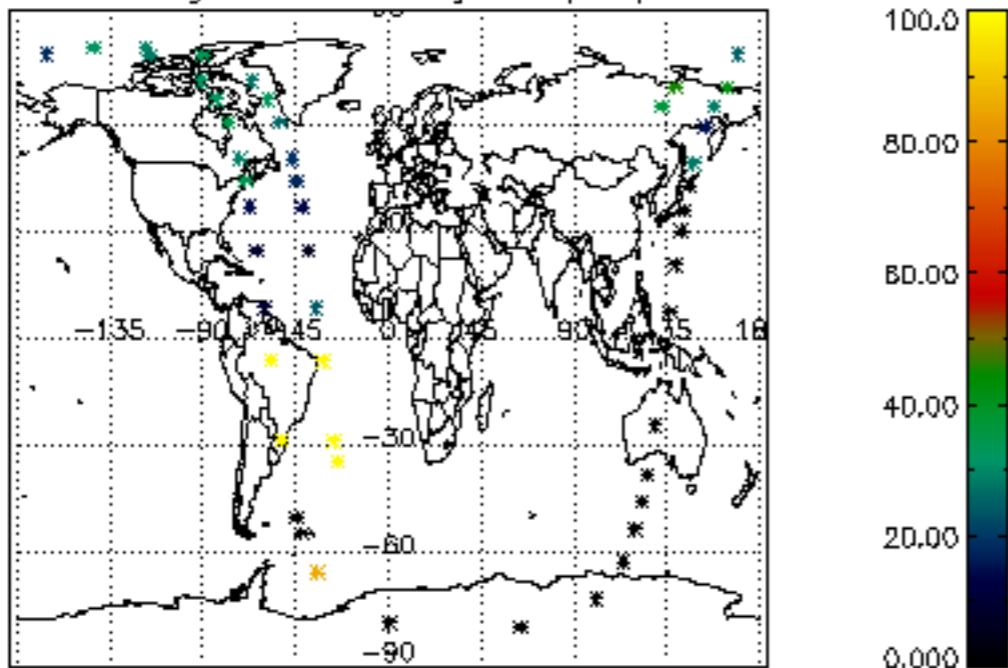
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20030716_105425_20030716_120000_20100101_000000	1	17-JAN-2005 00:00:12
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20050110_095700_20050108_000000_20100101_000000	1	17-JAN-2005 00:00:12
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20040401_083133_20020324_200000_20100101_000000	1	17-JAN-2005 00:00:12
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	17-JAN-2005 00:00:12
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20020121_165822_20020101_000000_20200101_000000	1	17-JAN-2005 00:00:12
ECMWF_FILE	AUX_ECF_AXNECM20050116_061132_20050116_210000_20050117_090000	1	17-JAN-2005 00:00:12
ECMWF_FILE	AUX_ECA_AXNECM20050117_070117_20050116_210000_20050117_090000	25	17-JAN-2005 01:08:51
OPTIONAL_ECMWF_FILE	NOT USED	1	17-JAN-2005 00:00:12
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20050117_000102_20050116_191002_20050126_203617	1	17-JAN-2005 00:00:12



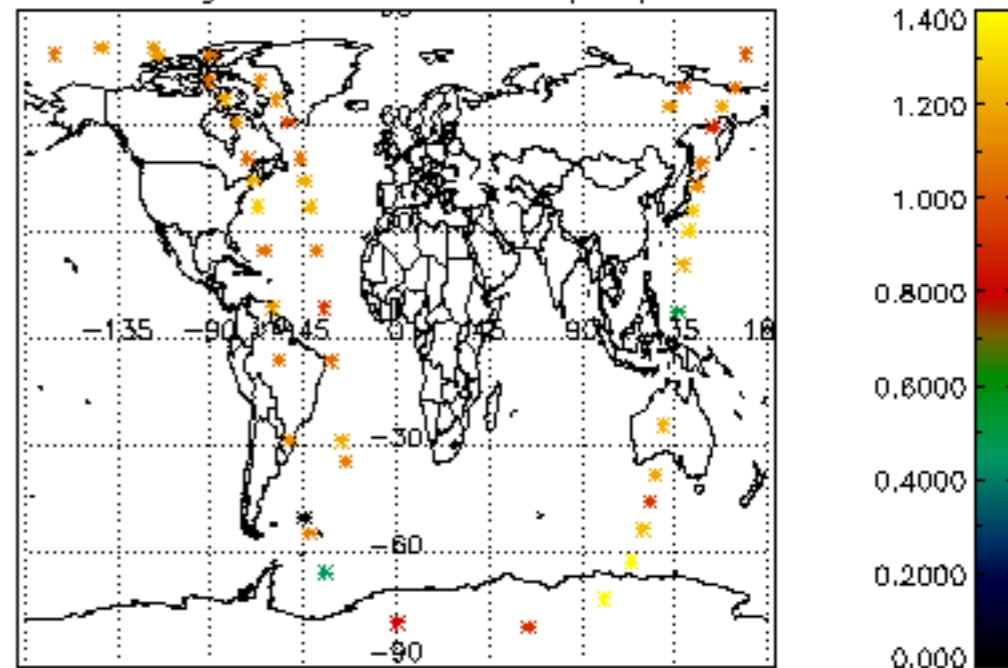




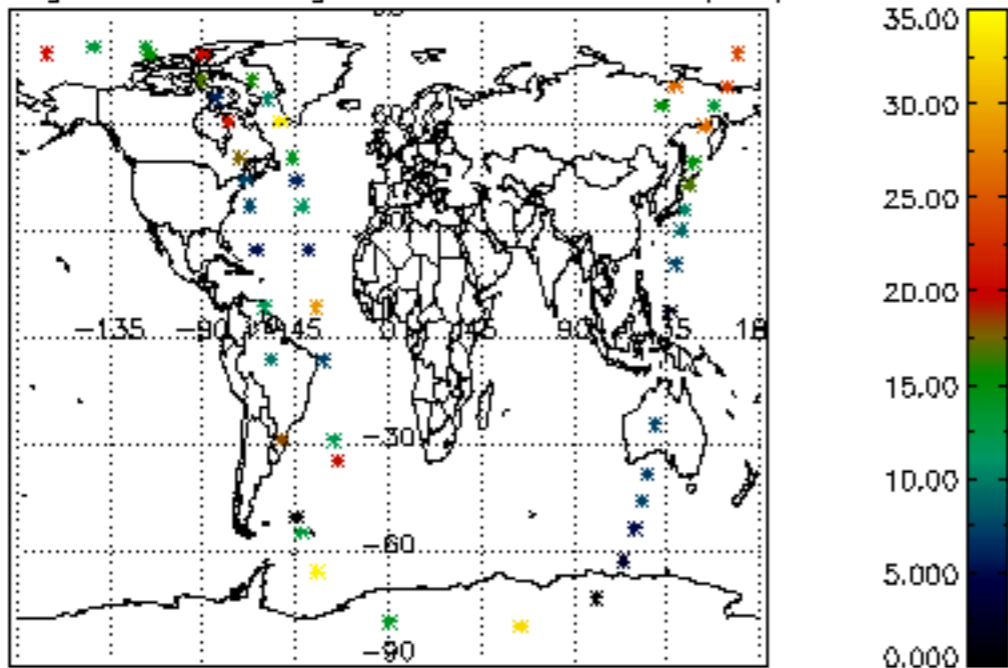
Percentage of cosmic ray hits per profile



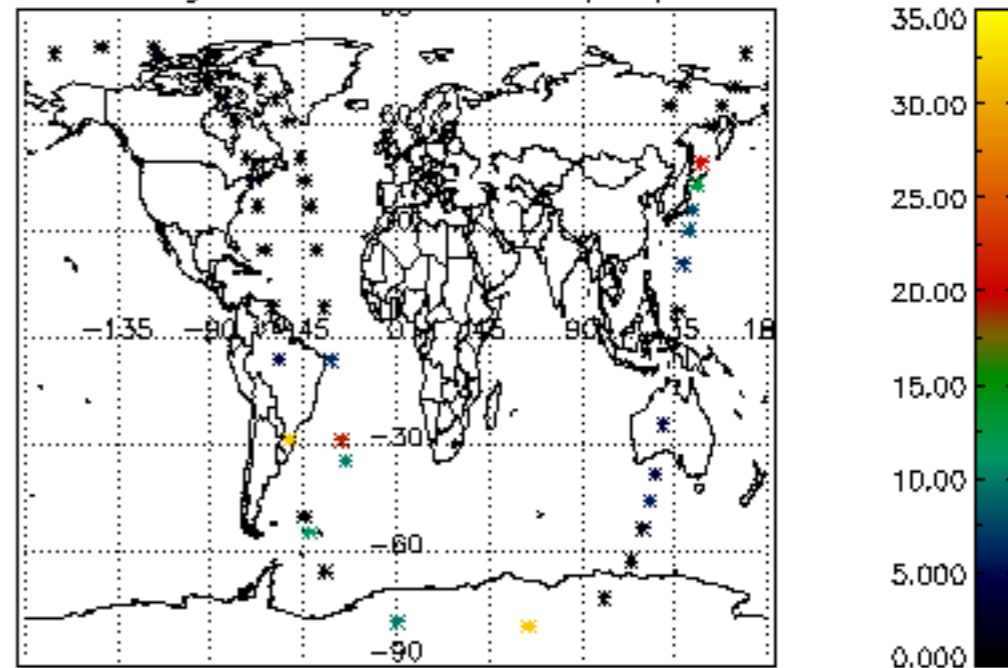
Percentage of datation errors per profile



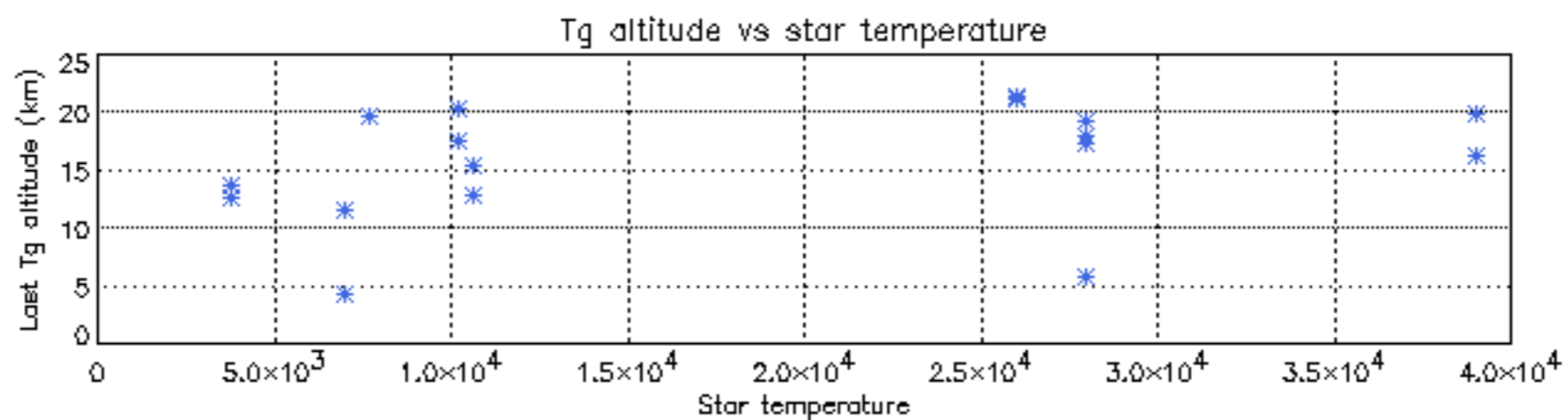
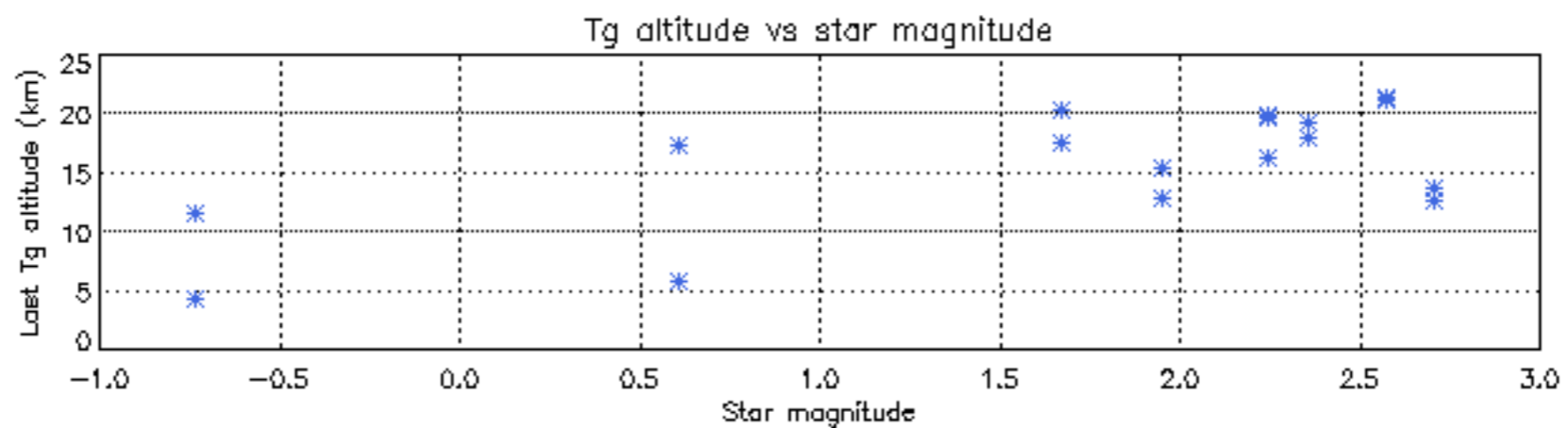
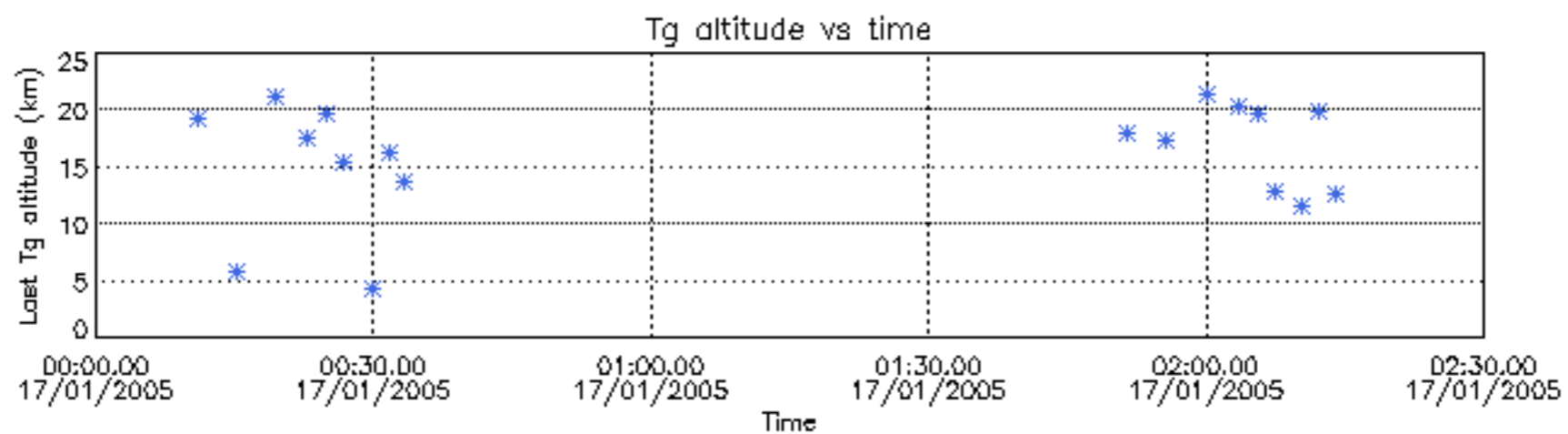
Percentage of star falling outside central band per profile



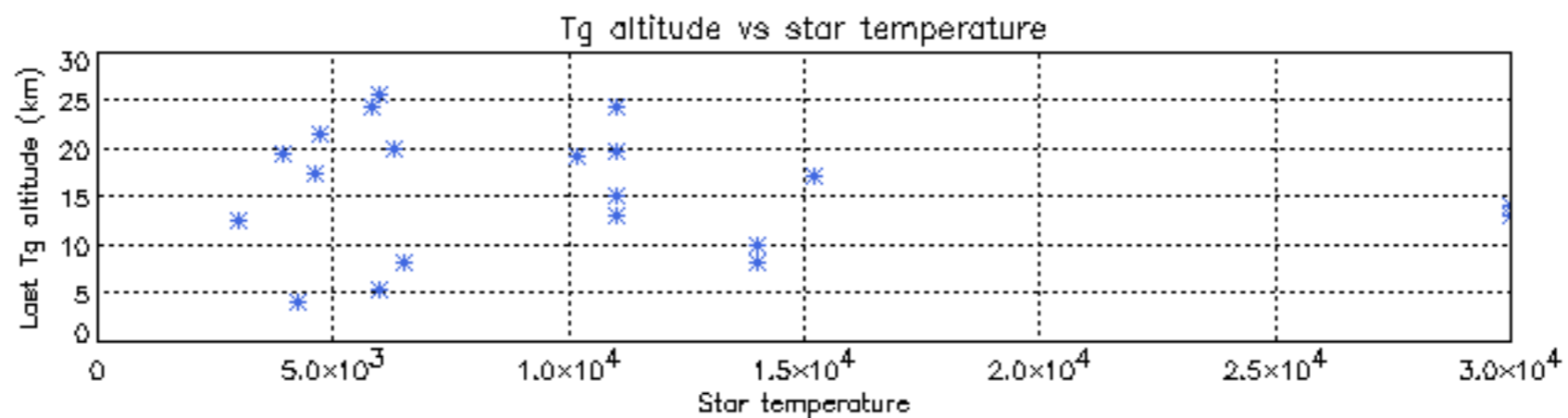
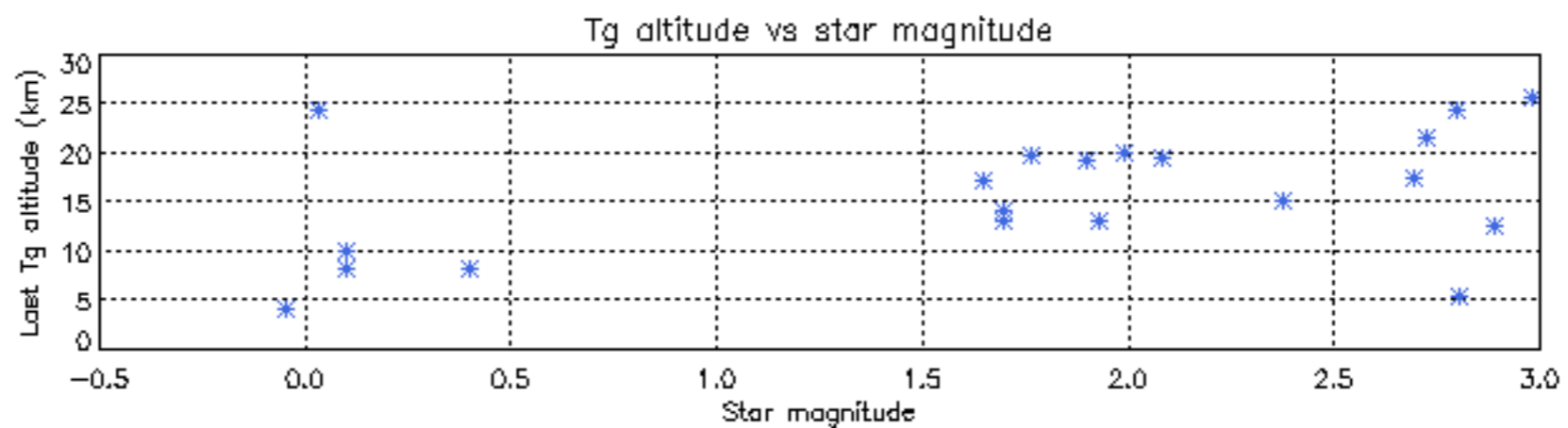
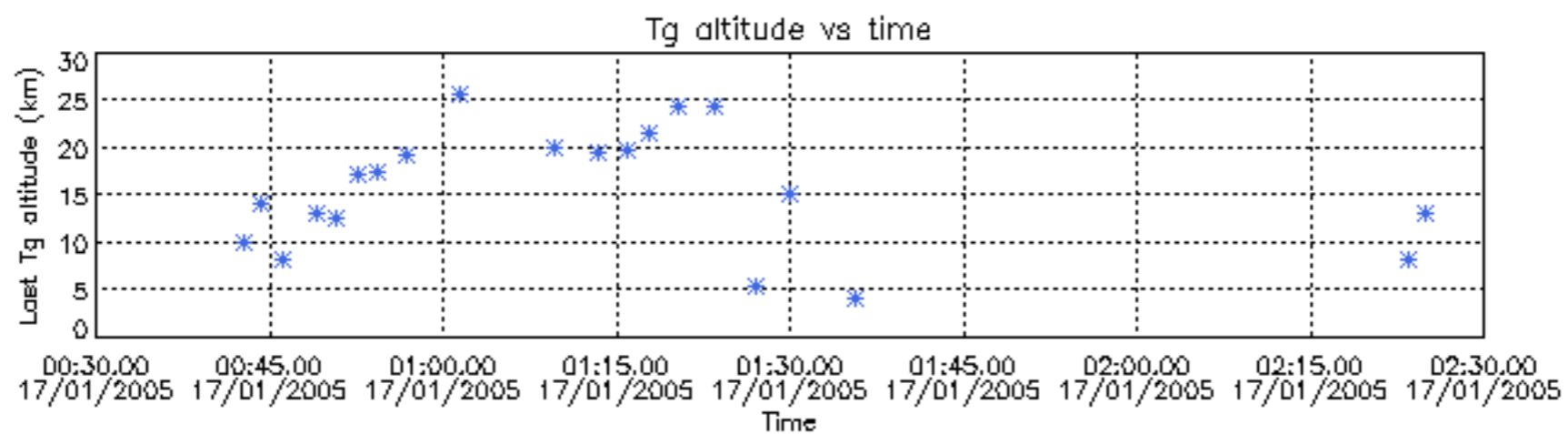
Percentage of saturation errors per profile



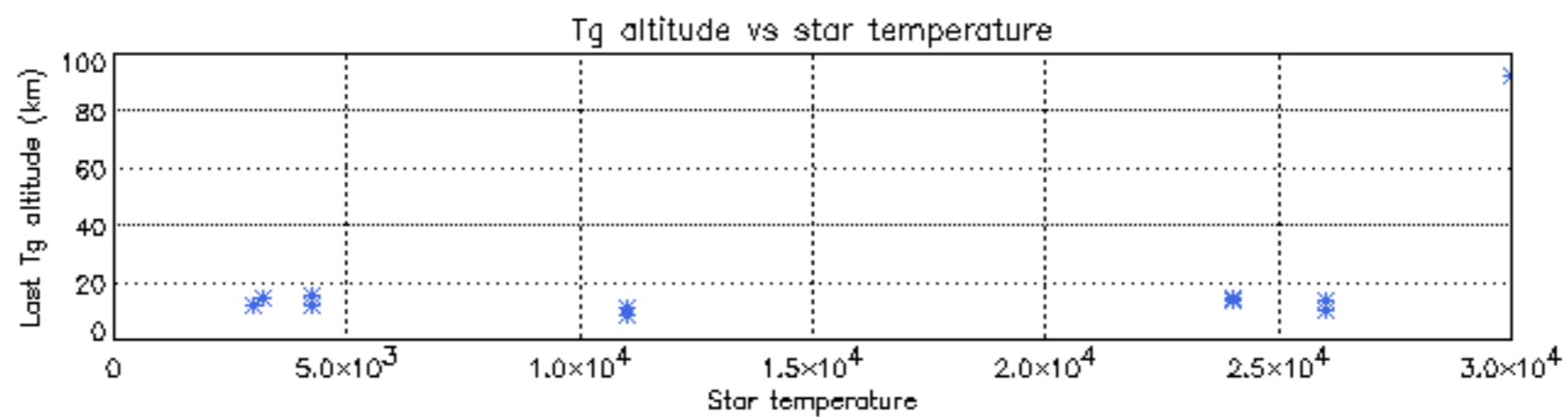
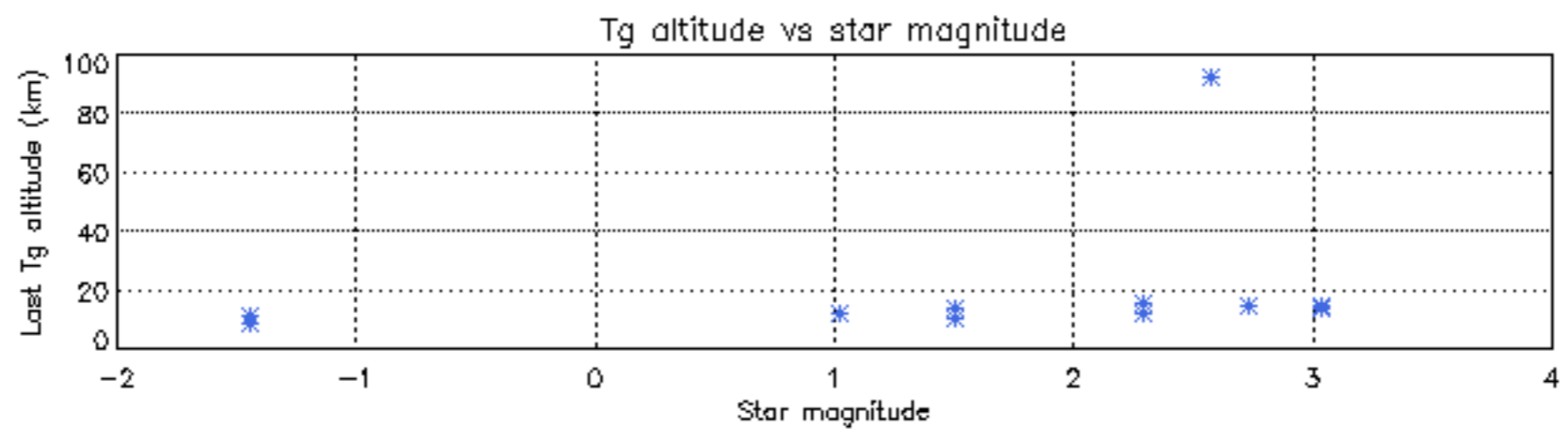
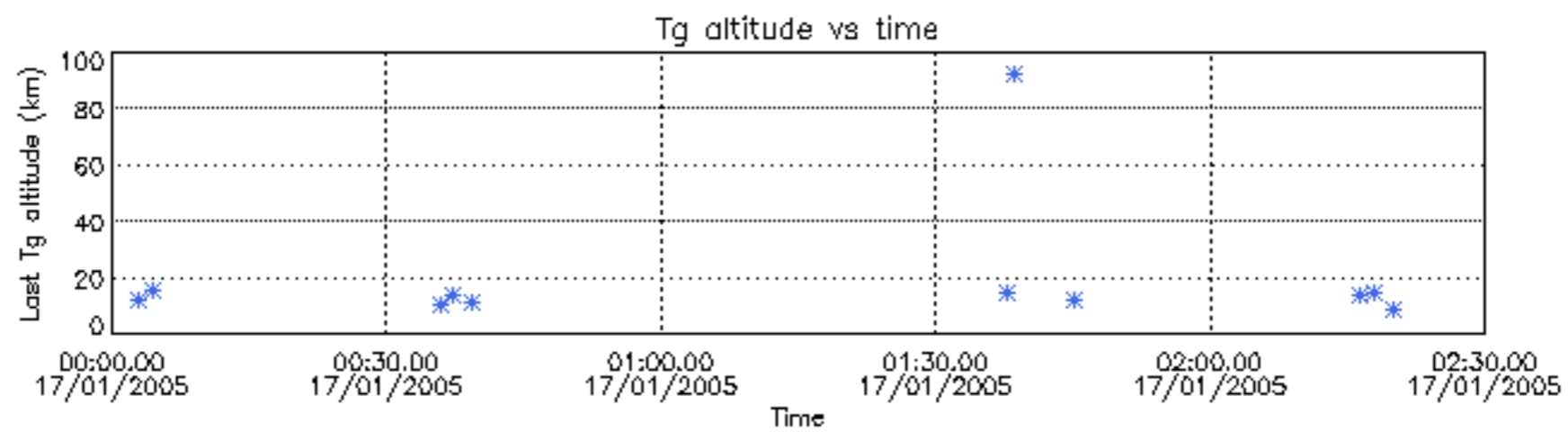
Tangent altitude at which the star is lost



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
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27;	20.6;	22-JAN-2005	09:18:18;	Dark	66.0;	54;	5The Cen	;	2.06;	4500;occ;	132;	0;	15149
28;	187.8;	22-JAN-2005	09:21:05;	Dark	44.0;	10;	Bet Cen	;	0.61;	28000;occ;	88;	0;	15149
29;	306.7;	22-JAN-2005	09:23:04;	Dark	59.5;	0;		;	0.00;	0;occ;	119;	0;	15149
30;	395.4;	22-JAN-2005	09:24:33;	Dark	42.0;	12;	Alp1Cru	;	0.77;	30000;occ;	84;	0;	15149
31;	479.4;	22-JAN-2005	09:25:57;	Dark	46.5;	99;	Del Cen	;	2.58;	26000;occ;	93;	0;	15149
32;	645.9;	22-JAN-2005	09:28:43;	Dark	39.0;	29;	Bet Car	;	1.67;	10200;occ;	78;	0;	15149
33;	773.7;	22-JAN-2005	09:30:51;	Dark	42.0;	71;	Iot Car	;	2.25;	7700;occ;	84;	0;	15149
34;	883.0;	22-JAN-2005	09:32:40;	Dark	40.5;	46;	Del Vel	;	1.95;	10600;occ;	81;	0;	15149
35;	1037.8;	22-JAN-2005	09:35:15;	Dark	51.5;	2;	Alp Car	;	-0.74;	7000;occ;	103;	0;	15149
36;	1167.8;	22-JAN-2005	09:37:25;	Dark	43.0;	70;	Zet Pup	;	2.25;	39000;occ;	86;	0;	15149
37;	1258.6;	22-JAN-2005	09:38:56;	Dark	46.0;	117;	Pi Pup	;	2.71;	3800;occ;	92;	0;	15149
38;	1408.7;	22-JAN-2005	09:41:26;	Dark	45.0;	23;	21Eps CMa	;	1.50;	26000;occ;	90;	0;	15149
39;	1491.0;	22-JAN-2005	09:42:48;	Dark	41.5;	179;	240mi2CMa	;	3.03;	24000;occ;	83;	0;	15149
40;	1621.9;	22-JAN-2005	09:44:59;	Dark	51.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	102;	0;	15149
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1;	-4413.9;	22-JAN-2005	11:25:35;	Dark	46.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	92;	0;	15150
2;	-4260.4;	22-JAN-2005	11:28:08;	Dark	42.5;	56;	53Kap Ori	;	2.07;	30000;occ;	85;	0;	15150
3;	-3850.8;	22-JAN-2005	11:34:58;	Dark	49.5;	44;	24Gam Gem	;	1.93;	11000;occ;	99;	0;	15150
4;	-3745.7;	22-JAN-2005	11:36:43;	Bright;	42.0;	151;	13Mu Gem	;	2.89;	3000;occ;	84;	0;	15150
5;	-3613.0;	22-JAN-2005	11:38:56;	Bright;	40.0;	28;	12Bet Tau	;	1.65;	15200;occ;	80;	0;	15150
6;	-3492.8;	22-JAN-2005	11:40:56;	Bright;	38.0;	107;	37The Aur	;	2.65;	11000;occ;	76;	0;	15150
7;	-3363.7;	22-JAN-2005	11:43:05;	Bright;	37.0;	42;	34Bet Aur	;	1.90;	10200;occ;	74;	0;	15150
8;	-3057.5;	22-JAN-2005	11:48:11;	Bright;	159.5;	51;	41Gam1Leo	;	2.01;	4500;occ;	319;	0;	15150
9;	-2395.1;	22-JAN-2005	11:59:14;	Bright;	42.5;	60;	7Bet UMi	;	2.08;	3950;occ;	85;	0;	15150
10;	-2303.3;	22-JAN-2005	12:00:46;	Bright;	52.5;	32;	77Eps UMa	;	1.76;	11000;occ;	105;	0;	15150
11;	-2123.3;	22-JAN-2005	12:03:46;	Bright;	40.0;	119;	14Eta Dra	;	2.73;	4700;occ;	80;	0;	15150
12;	-1954.2;	22-JAN-2005	12:06:35;	Bright;	39.5;	130;	23Bet Dra	;	2.80;	5800;occ;	79;	0;	15150
13;	-1756.3;	22-JAN-2005	12:09:53;	Bright;	39.0;	5;	3Alp Lyr	;	0.03;	11000;occ;	78;	0;	15150
14;	-1570.3;	22-JAN-2005	12:12:59;	Bright;	41.5;	133;	40Zet Her	;	2.81;	6000;occ;	83;	0;	15150
15;	-1374.6;	22-JAN-2005	12:16:14;	Bright;	70.5;	83;		;	2.38;	11000;occ;	141;	0;	15150
16;	-1148.7;	22-JAN-2005	12:20:00;	Bright;	37.0;	126;	60Bet Oph	;	2.77;	4250;occ;	74;	0;	15150
17;	-1022.4;	22-JAN-2005	12:22:06;	Dark	122.5;	3;	16Alp Boo	;	-0.05;	4250;occ;	245;	0;	15150
18;	-814.1;	22-JAN-2005	12:25:35;	Dark	44.0;	98;	13Zet Oph	;	2.57;	30000;occ;	88;	0;	15150
19;	-544.4;	22-JAN-2005	12:30:05;	Dark	55.0;	16;	21Alp Sco	;	1.02;	3000;occ;	110;	0;	15150
20;	-456.0;	22-JAN-2005	12:31:33;	Dark	46.0;	75;	26Eps Sco	;	2.29;	4250;occ;	92;	0;	15150
21;	-362.0;	22-JAN-2005	12:33:07;	Dark	43.5;	40;	The Sco	;	1.86;	7100;occ;	87;	0;	15150
22;	-214.2;	22-JAN-2005	12:35:35;	Dark	42.5;	131;	Gam Lup	;	2.80;	26000;occ;	85;	0;	15150
23;	-96.6;	22-JAN-2005	12:37:32;	Dark	46.0;	109;	Bet Lup	;	2.68;	26000;occ;	92;	0;	15150
24;	187.9;	22-JAN-2005	12:42:17;	Dark	45.5;	10;	Bet Cen	;	0.61;	28000;occ;	91;	0;	15151
25;	307.3;	22-JAN-2005	12:44:16;	Dark	59.5;	0;		;	0.00;	0;occ;	119;	0;	15151
26;	396.1;	22-JAN-2005	12:45:45;	Dark	42.5;	12;	Alp1Cru	;	0.77;	30000;occ;	85;	0;	15151
27;	480.3;	22-JAN-2005	12:47:09;	Dark	48.5;	99;	Del Cen	;	2.58;	26000;occ;	97;	0;	15151
28;	646.8;	22-JAN-2005	12:49:56;	Dark	39.5;	29;	Bet Car	;	1.67;	10200;occ;	79;	0;	15151
29;	772.0;	22-JAN-2005	12:52:01;	Dark	44.5;	71;	Iot Car	;	2.25;	7700;occ;	89;	0;	15151
30;	883.6;	22-JAN-2005	12:53:53;	Dark	40.5;	46;	Del Vel	;	1.95;	10600;occ;	81;	0;	15151
31;	1038.1;	22-JAN-2005	12:56:27;	Dark	48.0;	2;	Alp Car	;	-0.74;	7000;occ;	96;	0;	15151
32;	1168.3;	22-JAN-2005	12:58:37;	Dark	43.0;	70;	Zet Pup	;	2.25;	39000;occ;	86;	0;	15151
33;	1257.3;	22-JAN-2005	13:00:06;	Dark	47.0;	117;	Pi Pup	;	2.71;	3800;occ;	94;	0;	15151
34;	1409.0;	22-JAN-2005	13:02:38;	Dark	43.0;	23;	21Eps CMa	;	1.50;	26000;occ;	86;	0;	15151
35;	1489.5;	22-JAN-2005	13:03:58;	Dark	43.5;	179;	240mi2CMa	;	3.03;	24000;occ;	87;	0;	15151

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1;	-4536.9;	22-JAN-2005	13:04:08;	Dark	;	44.0;	179;	240mi2CMA	;	3.03;	24000;occ;	88;	19;	15151
2;	-4414.4;	22-JAN-2005	13:06:10;	Dark	;	46.5;	1;	9Alp CMA	;	-1.44;	11000;occ;	93;	0;	15151
3;	-4259.7;	22-JAN-2005	13:08:45;	Dark	;	38.0;	56;	53Kap Ori	;	2.07;	30000;occ;	76;	0;	15151
4;	-3851.5;	22-JAN-2005	13:15:33;	Dark	;	43.5;	44;	24Gam Gem	;	1.93;	11000;occ;	87;	0;	15151
5;	-3747.4;	22-JAN-2005	13:17:17;	Bright;	;	43.0;	151;	13Mu Gem	;	2.89;	3000;occ;	86;	0;	15151
6;	-3612.1;	22-JAN-2005	13:19:33;	Bright;	;	39.5;	28;	12Bet Tau	;	1.65;	15200;occ;	79;	0;	15151
7;	-3494.9;	22-JAN-2005	13:21:30;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;occ;	78;	0;	15151
8;	-3363.2;	22-JAN-2005	13:23:42;	Bright;	;	36.0;	42;	34Bet Aur	;	1.90;	10200;occ;	72;	0;	15151
9;	-3061.6;	22-JAN-2005	13:28:43;	Bright;	169.5;	51;	41Gam1Leo	;	2.01;	4500;occ;	339;	0;	15151	
10;	-2612.3;	22-JAN-2005	13:36:13;	Bright;	;	38.0;	49;	1Alp UMi	;	1.99;	6300;occ;	76;	0;	15151
11;	-2395.3;	22-JAN-2005	13:39:50;	Bright;	;	40.5;	60;	7Bet UMi	;	2.08;	3950;occ;	81;	0;	15151
12;	-2304.0;	22-JAN-2005	13:41:21;	Bright;	;	54.5;	32;	77Eps UMA	;	1.76;	11000;occ;	109;	0;	15151
13;	-2123.4;	22-JAN-2005	13:44:21;	Bright;	;	40.5;	119;	14Eta Dra	;	2.73;	4700;occ;	81;	0;	15151
14;	-1953.8;	22-JAN-2005	13:47:11;	Bright;	;	38.5;	130;	23Bet Dra	;	2.80;	5800;occ;	77;	0;	15151
15;	-1753.8;	22-JAN-2005	13:50:31;	Bright;	;	36.0;	5;	3Alp Lyr	;	0.03;	11000;occ;	72;	0;	15151
16;	-1570.1;	22-JAN-2005	13:53:35;	Bright;	;	42.0;	133;	40Zet Her	;	2.81;	6000;occ;	84;	0;	15151
17;	-1373.9;	22-JAN-2005	13:56:51;	Bright;	;	71.0;	83;		;	2.38;	11000;occ;	142;	0;	15151
18;	-1147.9;	22-JAN-2005	14:00:37;	Bright;	;	36.5;	126;	60Bet Oph	;	2.77;	4250;occ;	73;	0;	15151
19;	-1020.7;	22-JAN-2005	14:02:44;	Dark	;	135.0;	3;	16Alp Boo	;	-0.05;	4250;occ;	270;	0;	15151
20;	-813.8;	22-JAN-2005	14:06:11;	Dark	;	44.5;	98;	13Zet Oph	;	2.57;	30000;occ;	89;	0;	15151
21;	-543.9;	22-JAN-2005	14:10:41;	Dark	;	51.0;	16;	21Alp Sco	;	1.02;	3000;occ;	102;	0;	15151
22;	-457.5;	22-JAN-2005	14:12:07;	Dark	;	48.0;	75;	26Eps Sco	;	2.29;	4250;occ;	96;	0;	15151
23;	-361.7;	22-JAN-2005	14:13:43;	Dark	;	41.5;	40;	The Sco	;	1.86;	7100;occ;	83;	0;	15151
24;	-214.2;	22-JAN-2005	14:16:11;	Dark	;	42.0;	131;	Gam Lup	;	2.80;	26000;occ;	84;	0;	15151
25;	-97.7;	22-JAN-2005	14:18:07;	Dark	;	46.0;	109;	Bet Lup	;	2.68;	26000;occ;	92;	0;	15151
26;	188.5;	22-JAN-2005	14:22:53;	Dark	;	46.0;	10;	Bet Cen	;	0.61;	28000;occ;	92;	0;	15152
27;	307.7;	22-JAN-2005	14:24:52;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	15152
28;	396.7;	22-JAN-2005	14:26:21;	Dark	;	43.0;	12;	Alp1Cru	;	0.77;	30000;occ;	86;	0;	15152
29;	481.9;	22-JAN-2005	14:27:47;	Dark	;	47.5;	99;	Del Cen	;	2.58;	26000;occ;	95;	0;	15152
30;	646.5;	22-JAN-2005	14:30:31;	Dark	;	39.5;	29;	Bet Car	;	1.67;	10200;occ;	79;	0;	15152
31;	772.4;	22-JAN-2005	14:32:37;	Dark	;	45.0;	71;	Iot Car	;	2.25;	7700;occ;	90;	0;	15152
32;	883.3;	22-JAN-2005	14:34:28;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;occ;	90;	0;	15152
33;	1038.6;	22-JAN-2005	14:37:03;	Dark	;	45.5;	2;	Alp Car	;	-0.74;	7000;occ;	91;	0;	15152
34;	1168.6;	22-JAN-2005	14:39:13;	Dark	;	43.5;	70;	Zet Pup	;	2.25;	39000;occ;	87;	0;	15152
35;	1259.2;	22-JAN-2005	14:40:44;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;occ;	94;	0;	15152
36;	1408.7;	22-JAN-2005	14:43:14;	Dark	;	45.0;	23;	21Eps CMA	;	1.50;	26000;occ;	90;	0;	15152
37;	1489.9;	22-JAN-2005	14:44:35;	Dark	;	23.0;	179;	240mi2CMA	;	3.03;	24000;occ;	46;	0;	15152

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1;	-4588.3;	22-JAN-2005	14:43:53;	Dark	;	45.0;	23;	21Eps CMA	;	1.50;	26000;occ;	90;	78;	15152
2;	-4546.1;	22-JAN-2005	14:44:35;	Dark	;	43.0;	179;	240mi2CMA	;	3.03;	24000;occ;	86;	0;	15152
3;	-4416.0;	22-JAN-2005	14:46:45;	Dark	;	49.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	98;	0;	15152
4;	-4260.0;	22-JAN-2005	14:49:21;	Dark	;	38.5;	56;	53Kap Ori	;	2.07;	30000;occ;	77;	0;	15152
5;	-3851.6;	22-JAN-2005	14:56:09;	Dark	;	52.0;	44;	24Gam Gem	;	1.93;	11000;occ;	104;	0;	15152
6;	-3747.4;	22-JAN-2005	14:57:53;	Bright;	;	45.0;	151;	13Mu Gem	;	2.89;	3000;occ;	90;	0;	15152
7;	-3612.0;	22-JAN-2005	15:00:09;	Bright;	;	39.0;	28;	12Bet Tau	;	1.65;	15200;occ;	78;	0;	15152
8;	-3494.8;	22-JAN-2005	15:02:06;	Bright;	;	41.0;	107;	37The Aur	;	2.65;	11000;occ;	82;	0;	15152
9;	-3365.9;	22-JAN-2005	15:04:15;	Bright;	;	40.5;	42;	34Bet Aur	;	1.90;	10200;occ;	81;	0;	15152
10;	-3065.8;	22-JAN-2005	15:09:15;	Bright;	163.0;	51;	41Gam1Leo	;	2.01;	4500;occ;	326;	0;	15152	
11;	-2614.1;	22-JAN-2005	15:16:47;	Bright;	;	40.5;	49;	1Alp UMi	;	1.99;	6300;occ;	81;	0;	15152
12;	-2395.6;	22-JAN-2005	15:20:25;	Bright;	;	43.5;	60;	7Bet UMi	;	2.08;	3950;occ;	87;	0;	15152
13;	-2305.1;	22-JAN-2005	15:21:56;	Bright;	;	54.0;	32;	77Eps UMA	;	1.76;	11000;occ;	108;	0;	15152
14;	-2123.8;	22-JAN-2005	15:24:57;	Bright;	;	41.5;	119;	14Eta Dra	;	2.73;	4700;occ;	83;	0;	15152
15;	-1953.7;	22-JAN-2005	15:27:47;	Bright;	;	38.0;	130;	23Bet Dra	;	2.80;	5800;occ;	76;	0;	15152
16;	-1753.6;	22-JAN-2005	15:31:07;	Bright;	;	37.5;	5;	3Alp Lyr	;	0.03;	11000;occ;	75;	0;	15152
17;	-1570.0;	22-JAN-2005	15:34:11;	Bright;	;	41.0;	133;	40Zet Her	;	2.81;	6000;occ;	82;	0;	15152
18;	-1373.7;	22-JAN-2005	15:37:27;	Bright;	;	69.0;	83;		;	2.38;	11000;occ;	138;	0;	15152
19;	-1148.3;	22-JAN-2005	15:41:13;	Bright;	;	38.5;	126;	60Bet Oph	;	2.77;	4250;occ;	77;	0;	15152
20;	-1019.1;	22-JAN-2005	15:43:22;	Dark	;	134.5;	3;	16Alp Boo	;	-0.05;	4250;occ;	269;	0;	15152
21;	-813.1;	22-JAN-2005	15:46:48;	Dark	;	47.0;	98;	13Zet Oph	;	2.57;	30000;occ;	94;	0;	15152
22;	-543.4;	22-JAN-2005	15:51:17;	Dark	;	50.0;	16;	21Alp Sco	;	1.02;	3000;occ;	100;	0;	15152
23;	-457.1;	22-JAN-2005	15:52:44;	Dark	;	47.0;	75;	26Eps Sco	;	2.29;	4250;occ;	94;	0;	15152
24;	-361.4;	22-JAN-2005	15:54:19;	Dark	;	42.5;	40;	The Sco	;	1.86;	7100;occ;	85;	0;	15152
25;	-212.8;	22-JAN-2005	15:56:48;	Dark	;	41.5;	131;	Gam Lup	;	2.80;	26000;occ;	83;	0;	15152
26;	-95.0;	22-JAN-2005	15:58:46;	Dark	;	45.0;	109;	Bet Lup	;	2.68;	26000;occ;	90;	0;	15152
27;	190.1;	22-JAN-2005	16:03:31;	Dark	;	49.0;	10;	Bet Cen	;	0.61;	28000;occ;	98;	0;	15153
28;	307.9;	22-JAN-2005	16:05:29;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	15153
29;	397.3;	22-JAN-2005	16:06:58;	Dark	;	46.5;	12;	Alp1Cru	;	0.77;	30000;occ;	93;	0;	15153


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30; 482.1; 22-JAN-2005 16:08:23; Dark ; 47.5; 99; Del Cen ; 2.58; 26000;occ; 95; 0;15153
31; 647.1; 22-JAN-2005 16:11:08; Dark ; 42.0; 29; Bet Car ; 1.67; 10200;occ; 84; 0;15153
32; 774.6; 22-JAN-2005 16:13:15; Dark ; 44.0; 71; Iot Car ; 2.25; 7700;occ; 88; 0;15153
33; 884.3; 22-JAN-2005 16:15:05; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;15153
34; 1038.4; 22-JAN-2005 16:17:39; Dark ; 47.5; 2; Alp Car ; -0.74; 7000;occ; 95; 0;15153
35; 1168.3; 22-JAN-2005 16:19:49; Dark ; 43.0; 70; Zet Pup ; 2.25; 39000;occ; 86; 0;15153
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 5;-4414.0; 22-JAN-2005 16:27:23; Dark ; 46.0; 1; 9Alp CMa ; -1.44; 11000;occ; 92; 0;15153
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4;-4253.6; 24-JAN-2005 13:46:13; Dark ; 37.5; 56; 53Kap Ori ; 2.07; 30000;occ; 75; 0;15180
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL_0PNPDE20050125_225117_000025462034_00116_15200_1771.N1
1; 167.5; 25-JAN-2005 22:51:17; Dark ; 38.0; 145; Gam TrA ; 2.87; 10600;occ; 76; 0;15200
2; 263.5; 25-JAN-2005 22:52:53; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;15200
3; 424.6; 25-JAN-2005 22:55:34; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;15200
4; 523.7; 25-JAN-2005 22:57:13; Dark ; 47.5; 99; Del Cen ; 2.58; 26000;occ; 95; 0;15200
5; 660.8; 25-JAN-2005 22:59:30; Dark ; 38.5; 29; Bet Car ; 1.67; 10200;occ; 77; 0;15200
6; 794.3; 25-JAN-2005 23:01:44; Dark ; 44.0; 71; Iot Car ; 2.25; 7700;occ; 88; 0;15200
7; 902.0; 25-JAN-2005 23:03:32; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;15200
8; 1044.4; 25-JAN-2005 23:05:54; Dark ; 46.5; 2; Alp Car ; -0.74; 7000;occ; 93; 0;15200
9; 1183.5; 25-JAN-2005 23:08:13; Dark ; 41.0; 70; Zet Pup ; 2.25; 39000;occ; 82; 0;15200
10; 1271.4; 25-JAN-2005 23:09:41; Dark ; 43.0; 117; Pi Pup ; 2.71; 3800;occ; 86; 0;15200
11; 1418.9; 25-JAN-2005 23:12:09; Dark ; 41.0; 23; 21Eps CMa ; 1.50; 26000;occ; 82; 0;15200
12; 1501.8; 25-JAN-2005 23:13:31; Dark ; 37.5; 179; 240mi2Cma ; 3.03; 24000;occ; 75; 0;15200
13; 1631.2; 25-JAN-2005 23:15:41; Dark ; 36.5; 1; 9Alp CMa ; -1.44; 11000;occ; 73; 0;15200
14; 1754.3; 25-JAN-2005 23:17:44; Dark ; 58.5; 48; 30Alp Hya ; 1.98; 4100;occ; 117; 0;15200
15; 1994.1; 25-JAN-2005 23:21:44; Dark ; 55.0; 8; 10Alp CMi ; 0.40; 6500;occ; 110; 0;15200
16; 2189.3; 25-JAN-2005 23:24:59; Bright; 39.0; 44; 24Gam Gem ; 1.93; 11000;occ; 78; 0;15200
17; 2296.5; 25-JAN-2005 23:26:46; Bright; 40.5; 151; 13Mu Gem ; 2.89; 3000;occ; 81; 0;15200
18; 2409.9; 25-JAN-2005 23:28:40; Bright; 43.5; 17; 78Bet Gem ; 1.16; 4500;occ; 87; 0;15200
19; 2551.2; 25-JAN-2005 23:31:01; Bright; 36.0; 107; 37The Aur ; 2.65; 11000;occ; 72; 0;15200
20; 2678.6; 25-JAN-2005 23:33:08; Bright; 35.5; 42; 34Bet Aur ; 1.90; 10200;occ; 71; 0;15200

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