

GOMOS Daily Report 25-SEP-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	26SEP2004 05:02:43
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START) (25SEP2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP) (26SEP2004 00:00:00)

Store outputs flag	1
Nb of level 1b prods	50
Nb of prods with errors	0

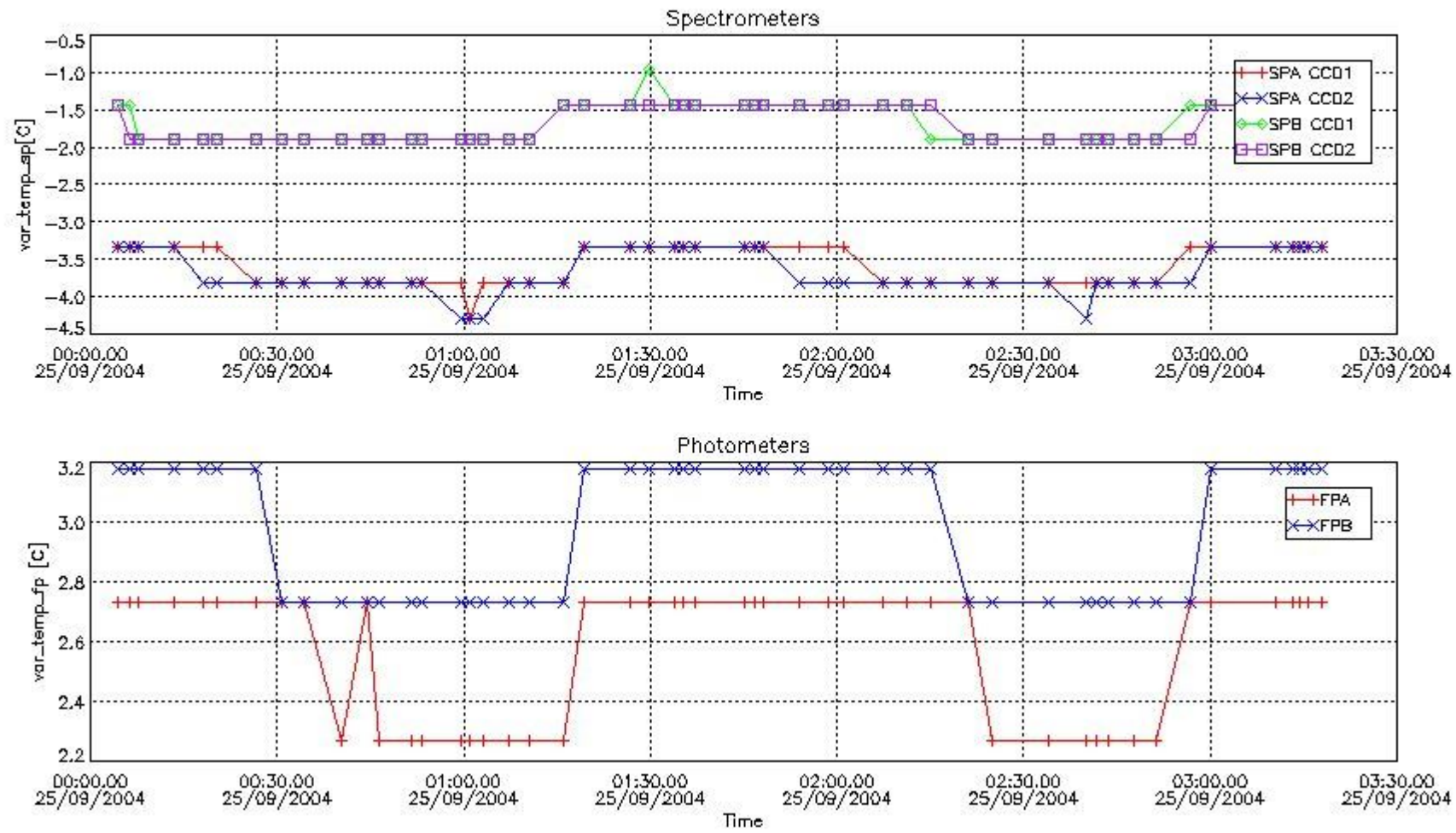
2. Summary of products arrived in PCF (Product Control Facility)

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

2.2 Summary of processed GOM_TRA_1P products

Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
GOM_TRA_1PNPDE20040925_000427_000000402030_00360_13440_0004.N1	25-SEP-2004 00:04:27	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	13440	No
GOM_TRA_1PNPDE20040925_000612_000000432030_00360_13440_0005.N1	25-SEP-2004 00:06:12	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	13440	No
GOM_TRA_1PNPDE20040925_000739_000000502030_00360_13440_0006.N1	25-SEP-2004 00:07:39	Dark	49.500	9	Alp Eri	0.45300	24000.	99	13440	No
GOM_TRA_1PNPDE20040925_001325_000000522030_00360_13440_0007.N1	25-SEP-2004 00:13:25	Twilight	51.500	63	Bet Gru	2.1500	2800.0	103	13440	No
GOM_TRA_1PNPDE20040925_001801_000000442030_00360_13440_0008.N1	25-SEP-2004 00:18:01	Bright	44.000	18	24Alp PsA	1.1660	9700.0	88	13440	No
GOM_TRA_1PNPDE20040925_002020_000000532030_00360_13440_0009.N1	25-SEP-2004 00:20:20	Bright	53.000	52	16Bet Cet	2.0370	4500.0	106	13440	No
GOM_TRA_1PNPDE20040925_002640_000000392030_00360_13440_0010.N1	25-SEP-2004 00:26:40	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	13440	No
GOM_TRA_1PNPDE20040925_003041_000000392030_00360_13440_0011.N1	25-SEP-2004 00:30:41	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	13440	No
GOM_TRA_1PNPDE20040925_003423_000000392030_00360_13440_0012.N1	25-SEP-2004 00:34:23	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	13440	No
GOM_TRA_1PNPDE20040925_004026_000000402030_00360_13440_0013.N1	25-SEP-2004 00:40:26	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	13440	No
GOM_TRA_1PNPDE20040925_004420_000000372030_00360_13440_0014.N1	25-SEP-2004 00:44:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	13440	No
GOM_TRA_1PNPDE20040925_004628_000000442030_00360_13440_0015.N1	25-SEP-2004 00:46:28	Bright	43.500	110	37Del Cas	2.6780	8900.0	87	13440	No
GOM_TRA_1PNPDE20040925_005144_000000342030_00360_13440_0016.N1	25-SEP-2004 00:51:44	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	13440	No
GOM_TRA_1PNPDE20040925_005322_000000402030_00360_13440_0017.N1	25-SEP-2004 00:53:22	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	13440	No
GOM_TRA_1PNPDE20040925_005929_000000382030_00360_13440_0018.N1	25-SEP-2004 00:59:29	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	13440	No
GOM_TRA_1PNPDE20040925_010058_000000522030_00360_13440_0019.N1	25-SEP-2004 01:00:58	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	13440	No
GOM_TRA_1PNPDE20040925_010308_000000652030_00360_13440_0020.N1	25-SEP-2004 01:03:08	Bright	65.000	42	34Bet Aur	1.9000	10200.	130	13440	No
GOM_TRA_1PNPDE20040925_010711_000000762030_00360_13440_0021.N1	25-SEP-2004 01:07:11	Bright	75.500	107	37The Aur	2.6490	11000.	151	13440	No
GOM_TRA_1PNPDE20040925_011039_000002552030_00360_13440_0022.N1	25-SEP-2004 01:10:39	Twilight	255.00	114	3Iot Aur	2.6930	4600.0	510	13440	No
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GOM_TRA_1PNPDE20040925_011925_000000662030_00360_13440_0024.N1	25-SEP-2004 01:19:25	Twilight	65.500	8	10Alp CMi	0.40000	6500.0	131	13440	No
GOM_TRA_1PNPDE20040925_012640_000000462030_00360_13440_0000.N1	25-SEP-2004 01:26:40	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	13440	No
GOM_TRA_1PNPDE20040925_012948_000000512030_00360_13440_0001.N1	25-SEP-2004 01:29:48	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	13440	No
GOM_TRA_1PNPDE20040925_013351_000000392030_00360_13440_0002.N1	25-SEP-2004 01:33:51	Dark	39.000	71	Iot Car	2.2460	7700.0	78	13440	No
GOM_TRA_1PNPDE20040925_013512_000000382030_00361_13441_0003.N1	25-SEP-2004 01:35:12	Dark	38.000	159	Ups Car	2.9200	7200.0	76	13441	No
GOM_TRA_1PNPDE20040925_013713_000001572030_00361_13441_0004.N1	25-SEP-2004 01:37:13	Dark	156.50	56	53Kap Ori	2.0650	30000.	313	13441	No
GOM_TRA_1PNPDE20040925_014503_000000402030_00361_13441_0005.N1	25-SEP-2004 01:45:03	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	13441	No
GOM_TRA_1PNPDE20040925_014647_000000432030_00361_13441_0006.N1	25-SEP-2004 01:46:47	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	13441	No
GOM_TRA_1PNPDE20040925_014814_000000512030_00361_13441_0007.N1	25-SEP-2004 01:48:14	Dark	50.500	9	Alp Eri	0.45300	24000.	101	13441	No
GOM_TRA_1PNPDE20040925_015401_000000452030_00361_13441_0008.N1	25-SEP-2004 01:54:01	Twilight	45.000	63	Bet Gru	2.1500	2800.0	90	13441	No
GOM_TRA_1PNPDE20040925_015837_000000442030_00361_13441_0009.N1	25-SEP-2004 01:58:37	Bright	43.500	18	24Alp PsA	1.1660	9700.0	87	13441	No
GOM_TRA_1PNPDE20040925_020056_000000542030_00361_13441_0010.N1	25-SEP-2004 02:00:56	Bright	53.500	52	16Bet Cet	2.0370	4500.0	107	13441	No
GOM_TRA_1PNPDE20040925_020716_000000412030_00361_13441_0011.N1	25-SEP-2004 02:07:16	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	13441	No
GOM_TRA_1PNPDE20040925_021116_000000392030_00361_13441_0012.N1	25-SEP-2004 02:11:16	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	13441	No
GOM_TRA_1PNPDE20040925_021459_000000422030_00361_13441_0013.N1	25-SEP-2004 02:14:59	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	13441	No
GOM_TRA_1PNPDE20040925_022102_000000392030_00361_13441_0014.N1	25-SEP-2004 02:21:02	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	13441	No
GOM_TRA_1PNPDE20040925_022455_000000382030_00361_13441_0015.N1	25-SEP-2004 02:24:55	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	13441	No
GOM_TRA_1PNPDE20040925_023359_000000392030_00361_13441_0000.N1	25-SEP-2004 02:33:59	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	13441	No
GOM_TRA_1PNPDE20040925_024002_000000412030_00361_13441_0001.N1	25-SEP-2004 02:40:02	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	13441	No
GOM_TRA_1PNPDE20040925_024134_000000522030_00361_13441_0002.N1	25-SEP-2004 02:41:34	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	13441	No
GOM_TRA_1PNPDE20040925_024344_000000662030_00361_13441_0003.N1	25-SEP-2004 02:43:44	Bright	66.000	42	34Bet Aur	1.9000	10200.	132	13441	No
GOM_TRA_1PNPDE20040925_024747_000000782030_00361_13441_0004.N1	25-SEP-2004 02:47:47	Bright	78.000	107	37The Aur	2.6490	11000.	156	13441	No
GOM_TRA_1PNPDE20040925_025116_000002552030_00361_13441_0005.N1	25-SEP-2004 02:51:16	Twilight	255.00	114	3Iot Aur	2.6930	4600.0	510	13441	No
GOM_TRA_1PNPDE20040925_025645_000001142030_00361_13441_0006.N1	25-SEP-2004 02:56:45	Twilight	113.50	151	13Mu Gem	2.8900	3000.0	227	13441	No
GOM_TRA_1PNPDE20040925_030001_000000742030_00361_13441_0007.N1	25-SEP-2004 03:00:01	Twilight	74.000	8	10Alp CMi	0.40000	6500.0	148	13441	No
GOM_TRA_1PNPDE20040925_031025_000000482030_00361_13441_0008.N1	25-SEP-2004 03:10:25	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	13441	No
GOM_TRA_1PNPDE20040925_031316_000000392030_00361_13441_0009.N1	25-SEP-2004 03:13:16	Dark	39.000	91	Kap Vel	2.4900	26000.	78	13441	No
GOM_TRA_1PNPDE20040925_031427_000000402030_00361_13441_0010.N1	25-SEP-2004 03:14:27	Dark	39.500	71	Iot Car	2.2460	7700.0	79	13441	No
GOM_TRA_1PNPDE20040925_031548_000000402030_00362_13442_0011.N1	25-SEP-2004 03:15:48	Dark	39.500	159	Ups Car	2.9200	7200.0	79	13442	No

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



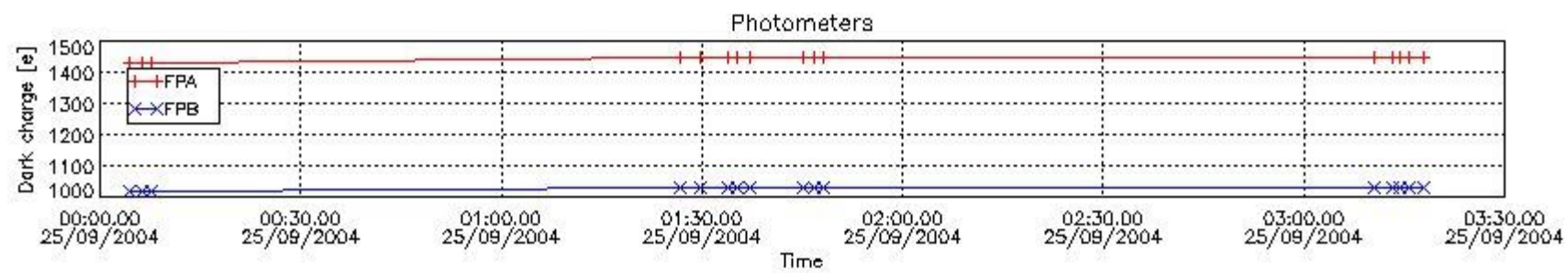
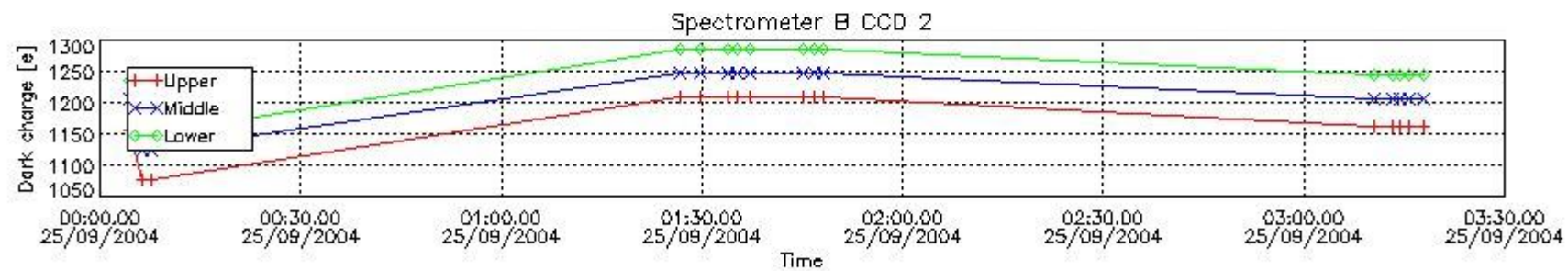
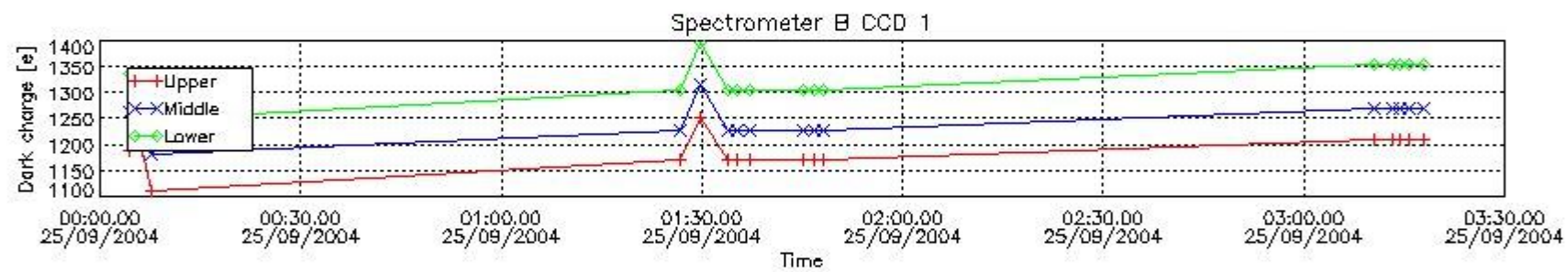
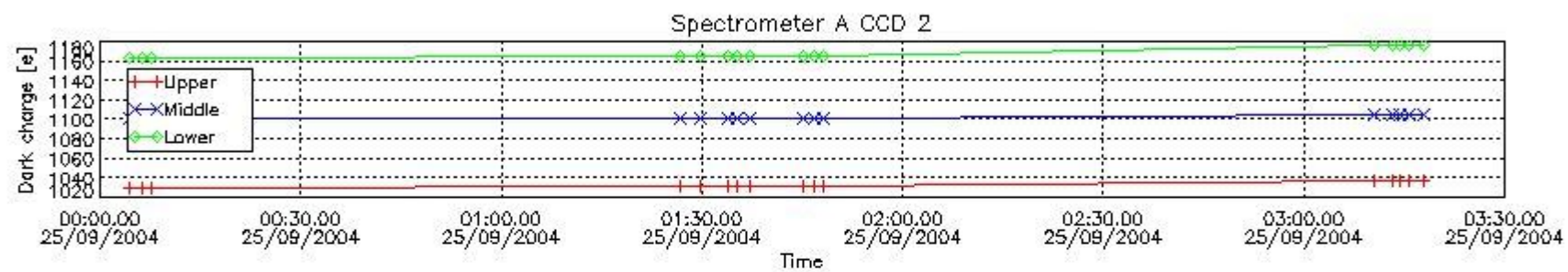
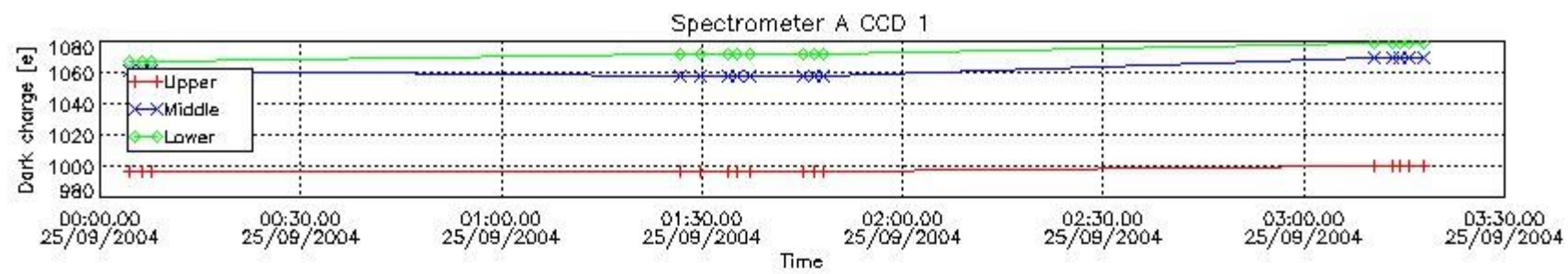
4. Overview of dark signal processing per product

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



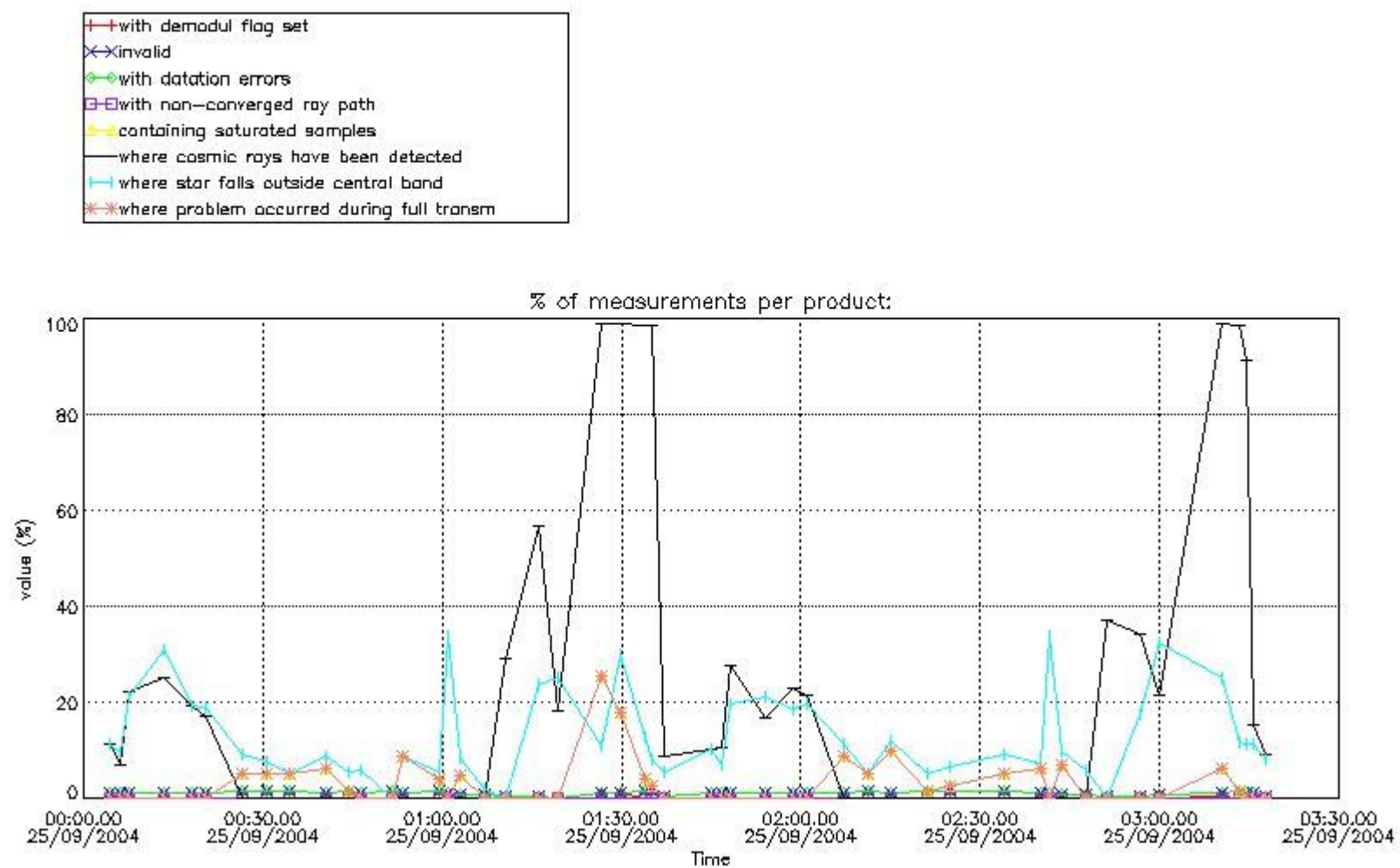
5. Demodulation flag and quality information monitoring

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.

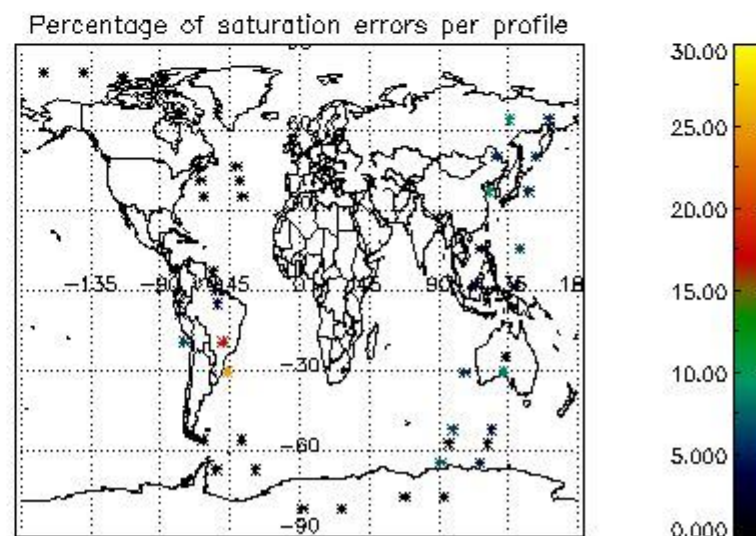
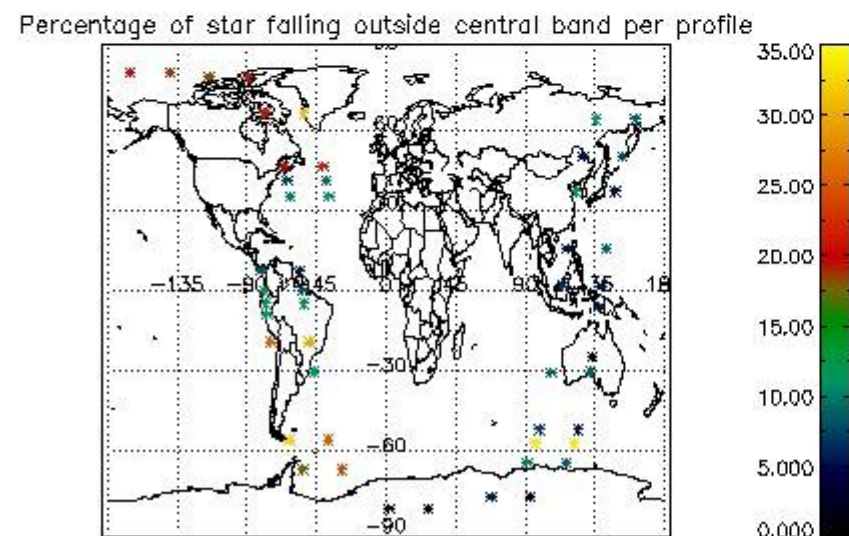
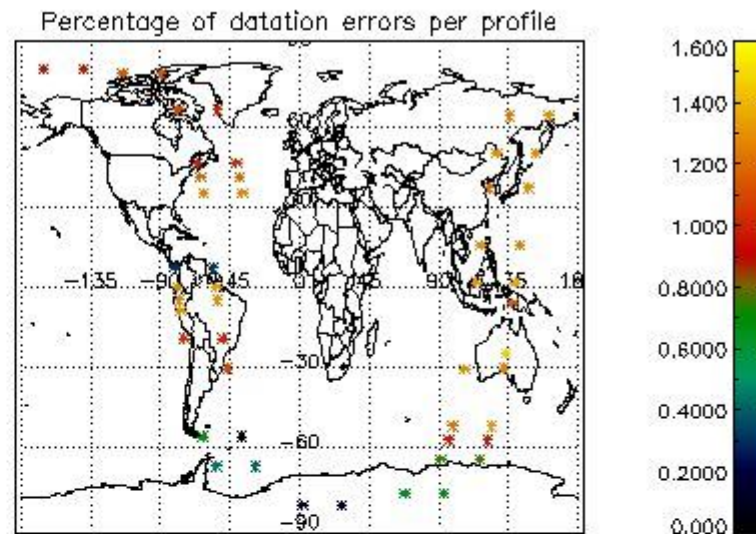
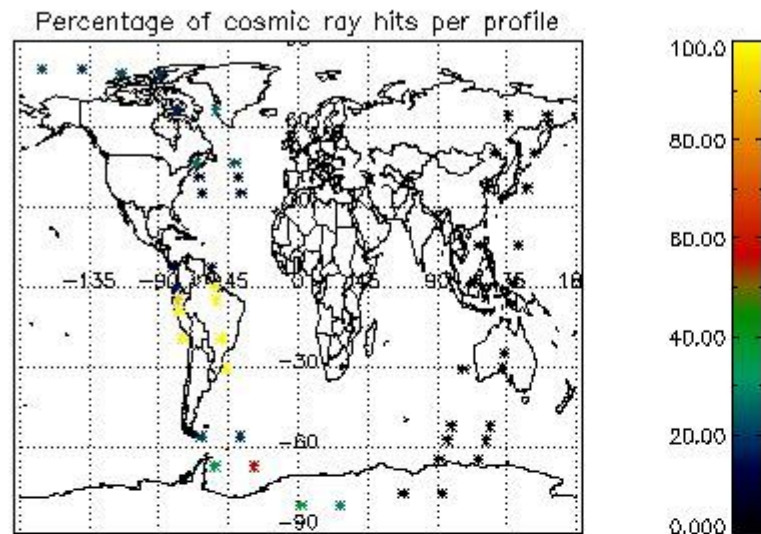
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	18.0000 %
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)



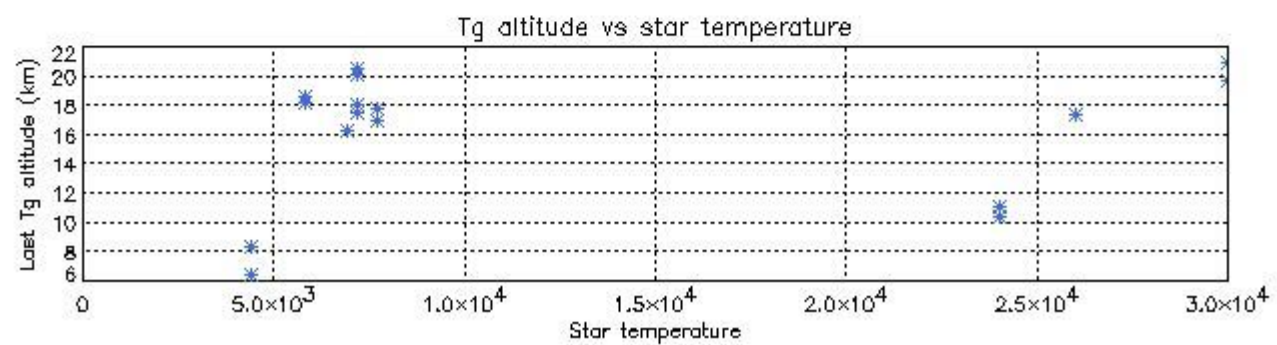
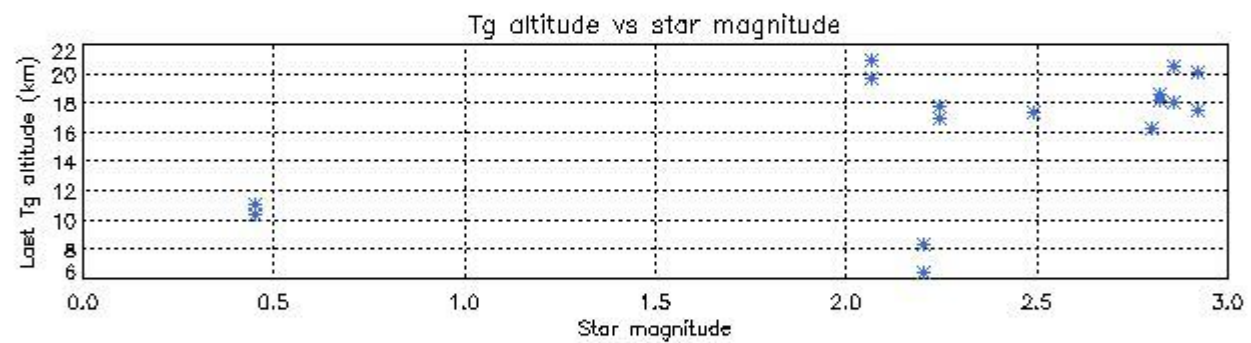
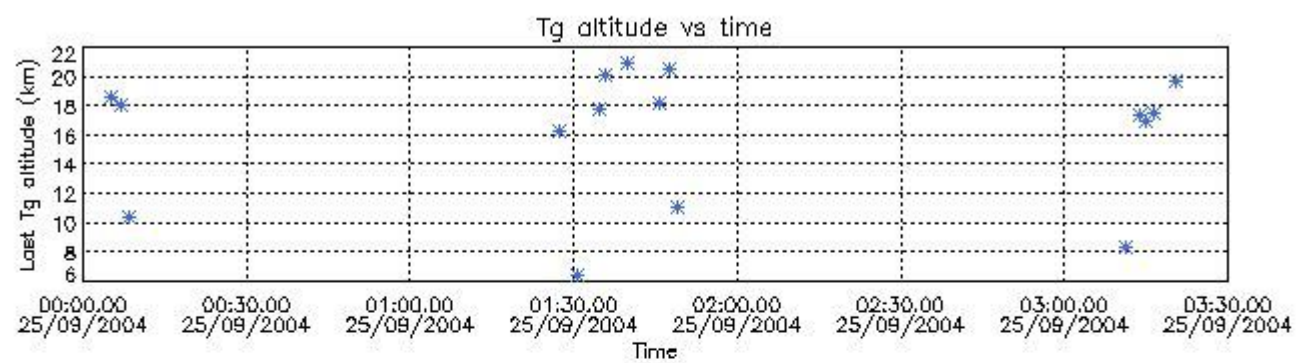
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.117	17.810	22.593
St. deviation:	4.4902	5.3122	25.515
Maximum:	20.860	28.819	64.145
Minimum:	6.4532	4.8906	4.7926
Number of data:	16.000	26.000	8.0000

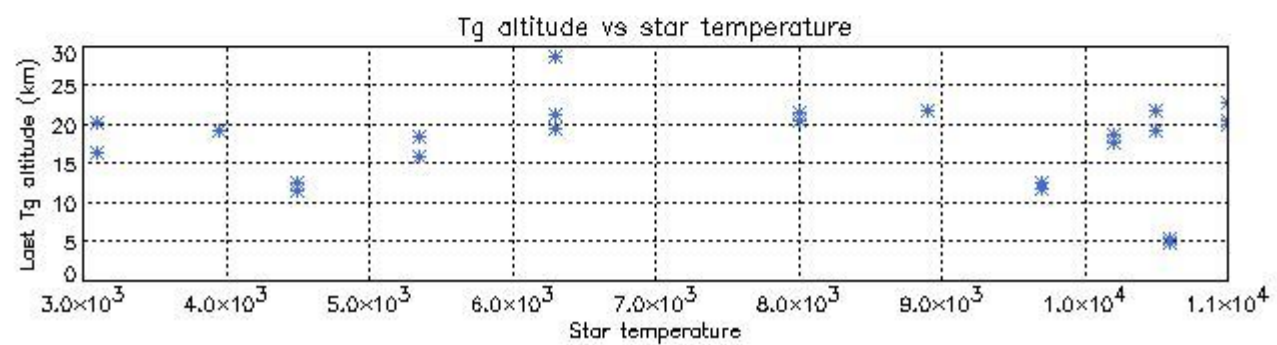
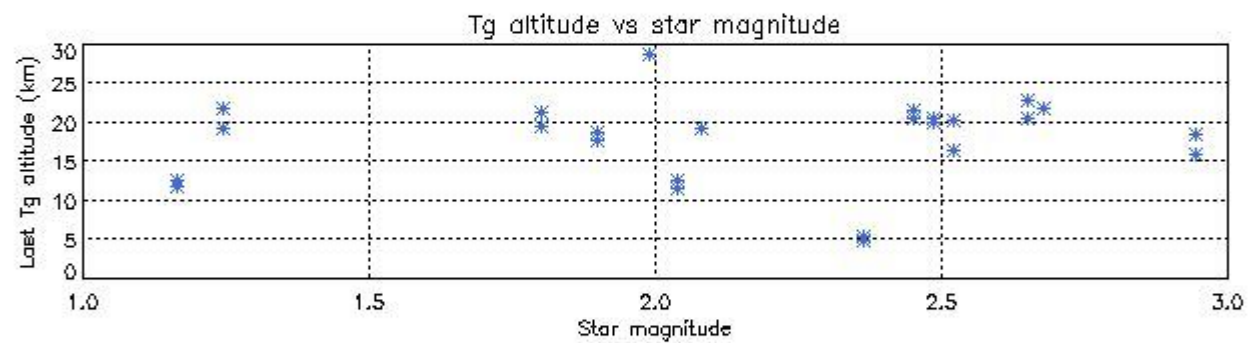
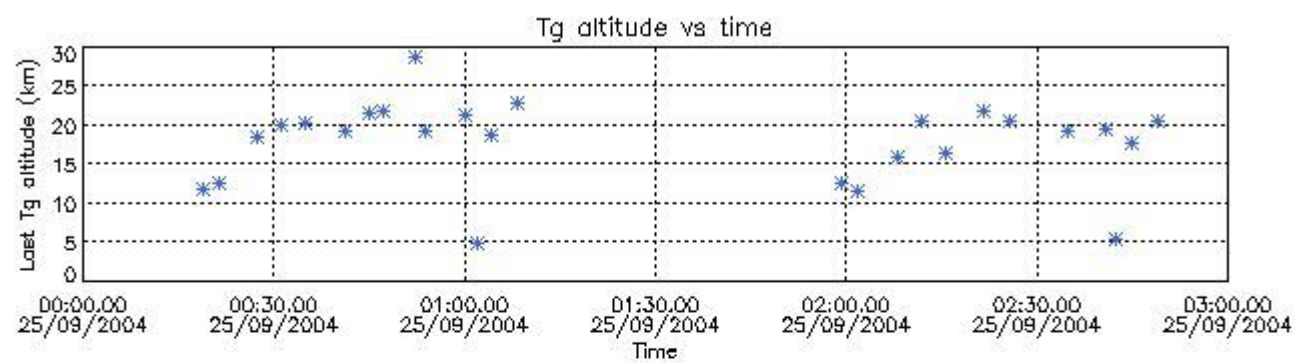
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



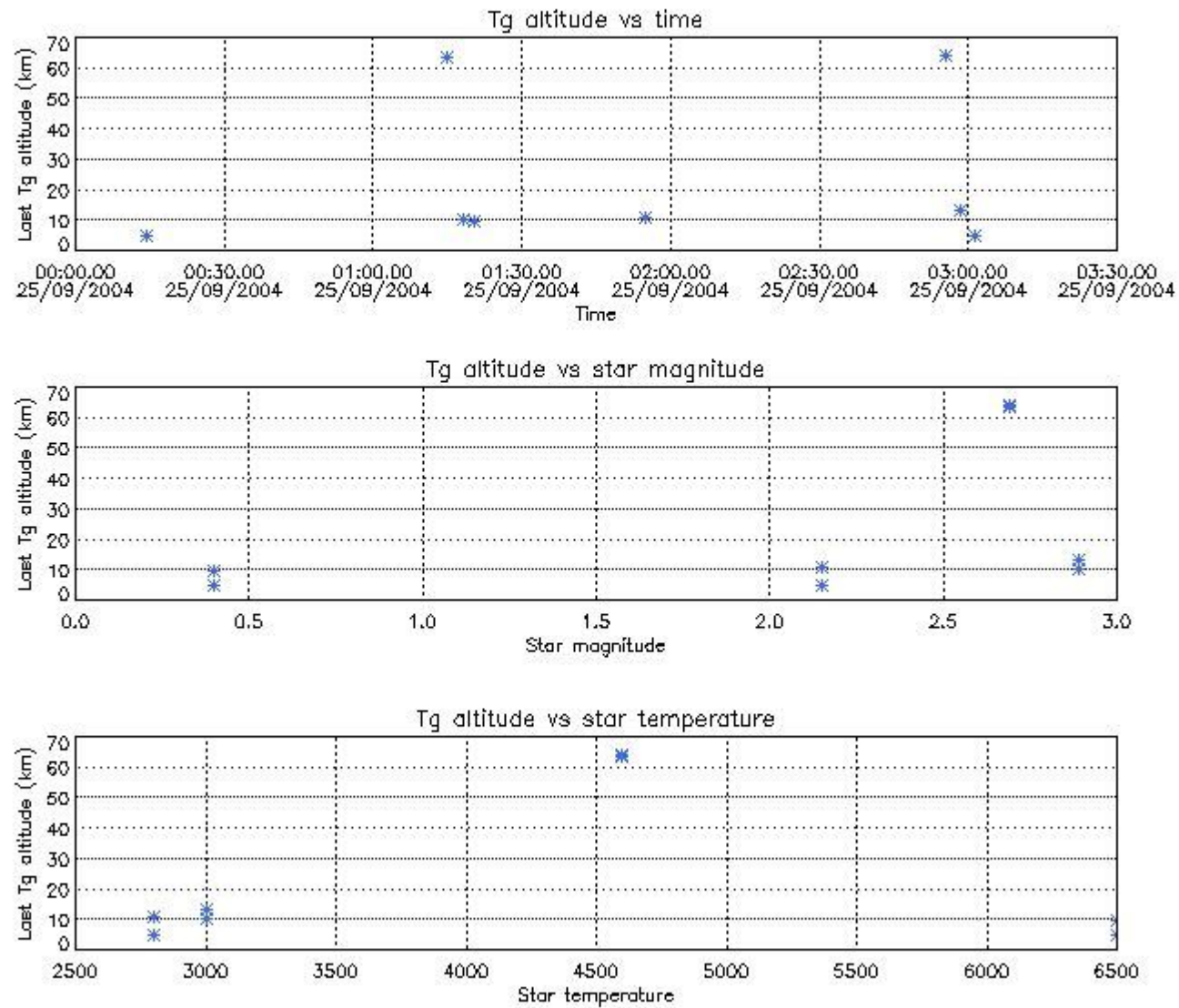
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

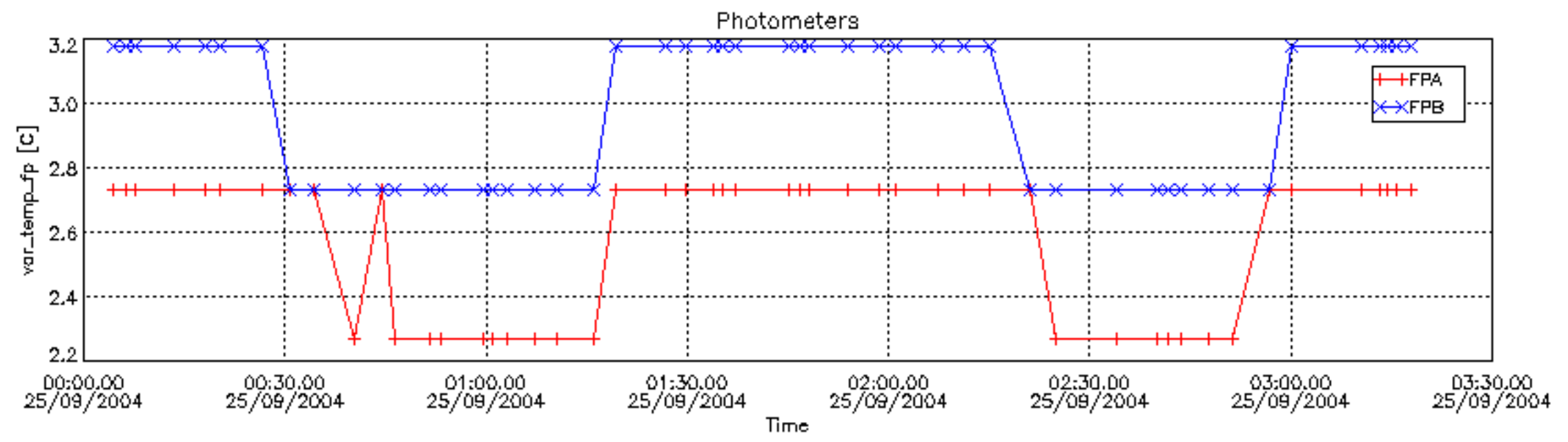
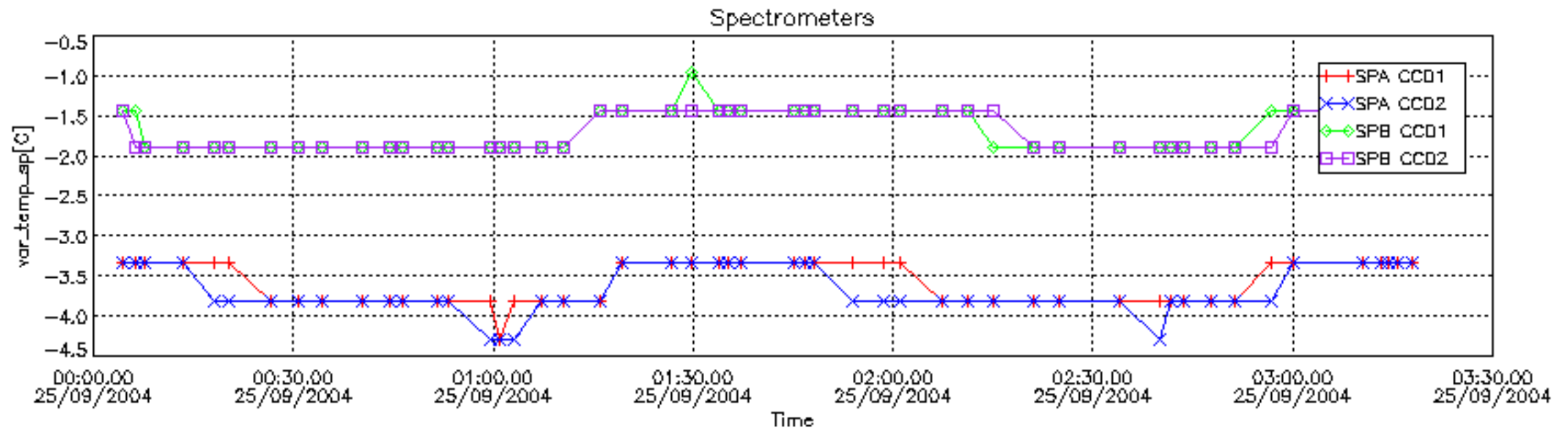
Tangent altitude at which the star is lost

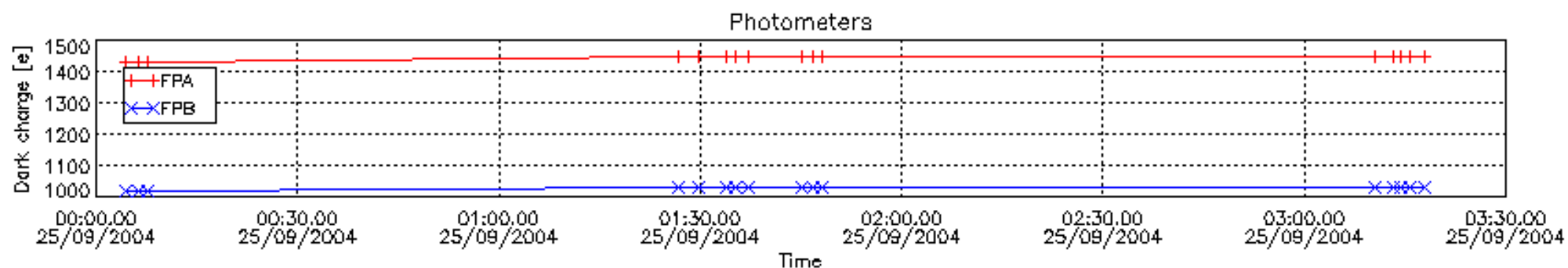
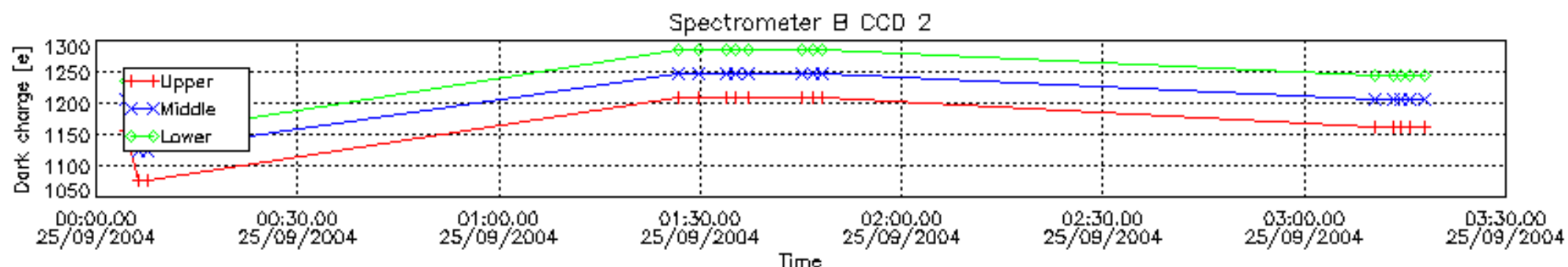
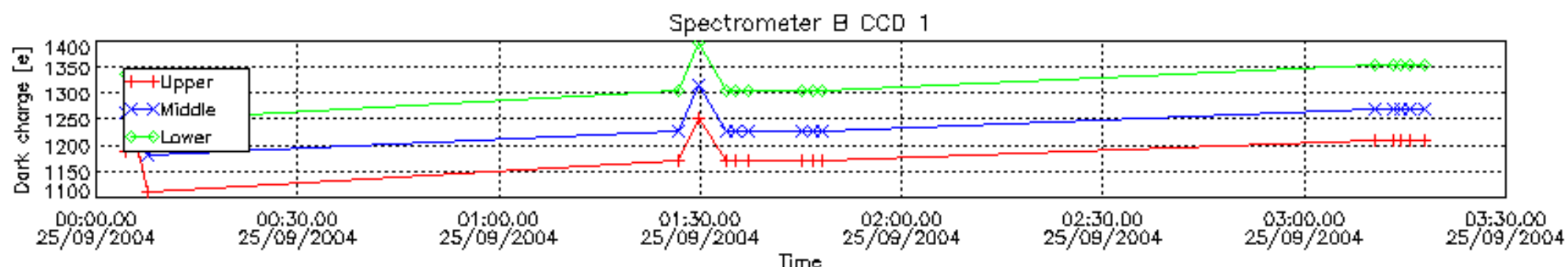
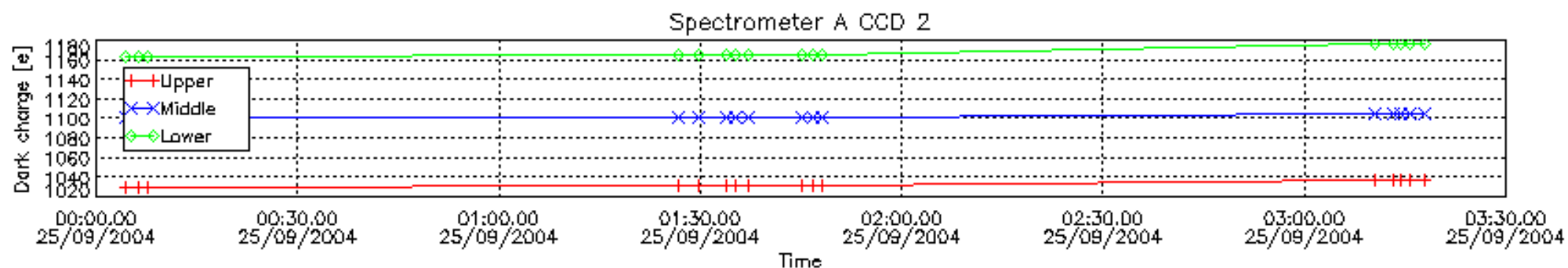
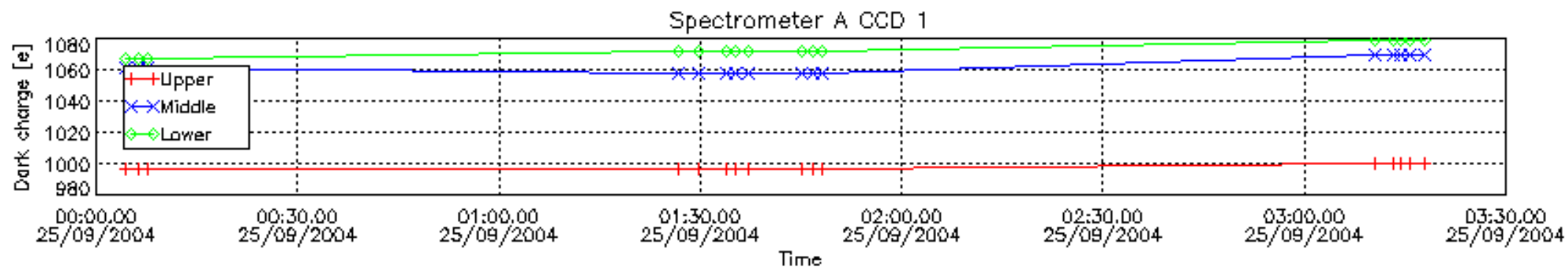


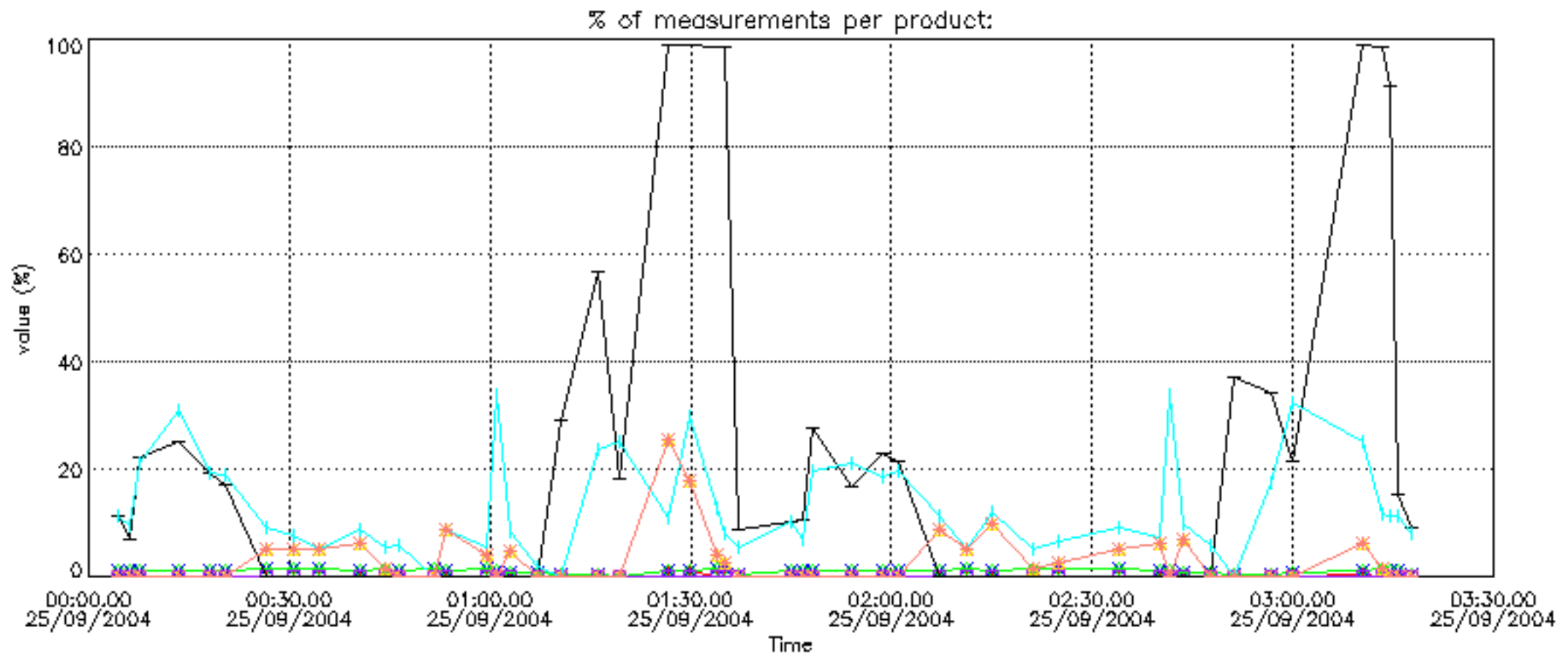
7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

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.

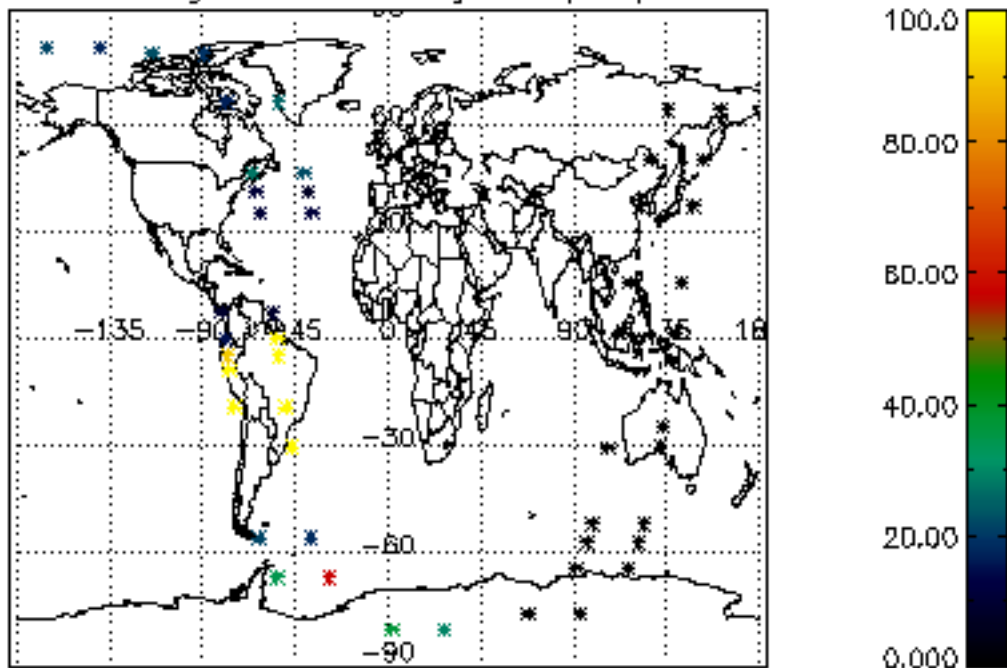
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1460.3	1446.6	1461.0	1447.3
St. deviation:	5.9631	6.6803	6.1197	7.0325
Maximum:	1539.0	1477.0	1502.0	1496.0
Minimum:	1443.0	1429.0	1430.0	1415.0
Number of data:	23000.	23000.	30300.	30300.



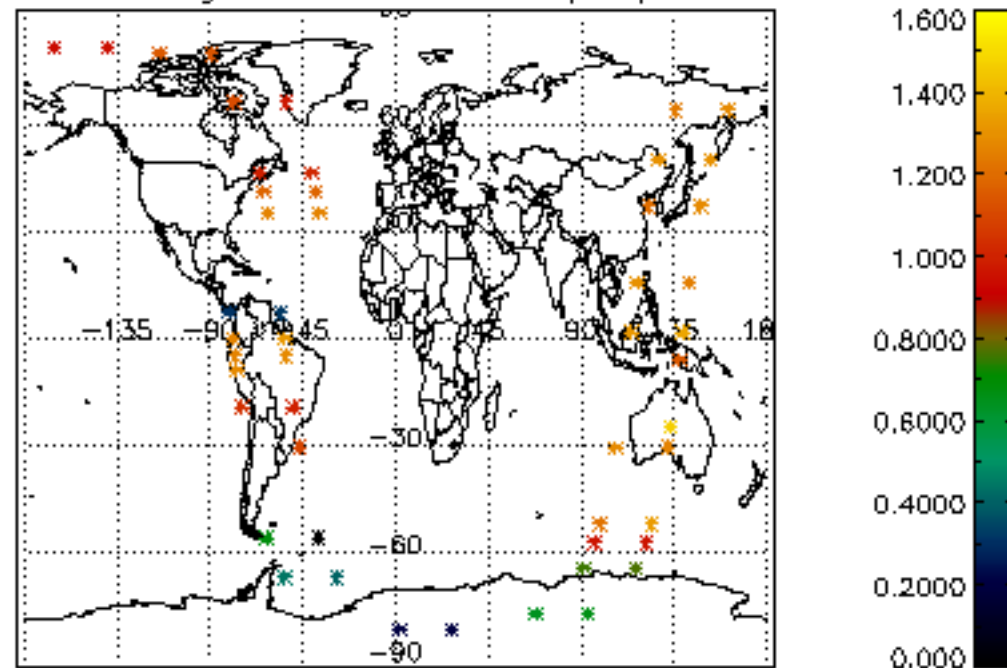




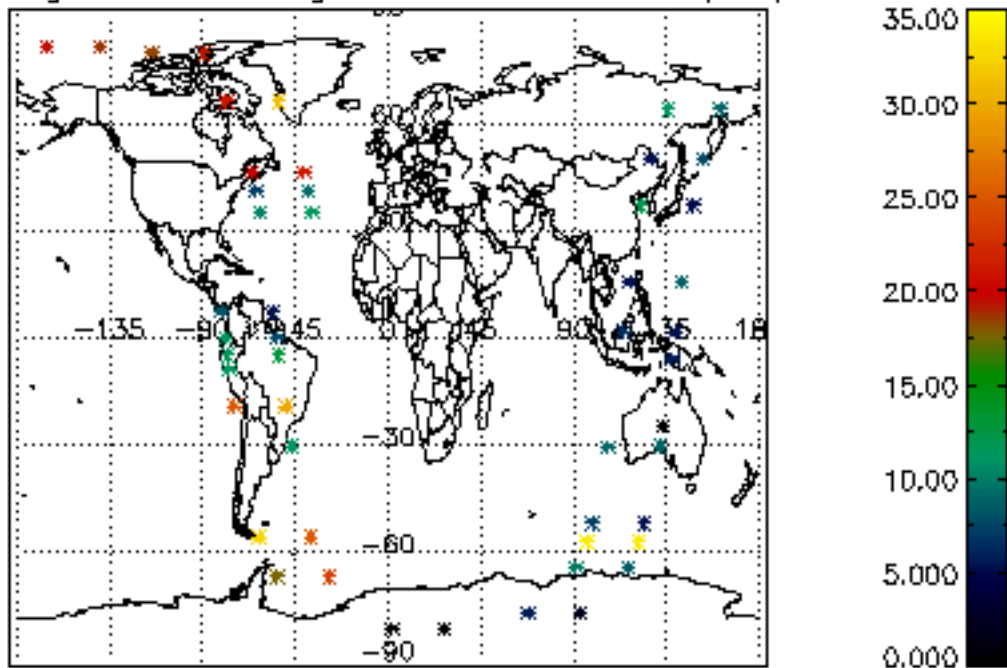
Percentage of cosmic ray hits per profile



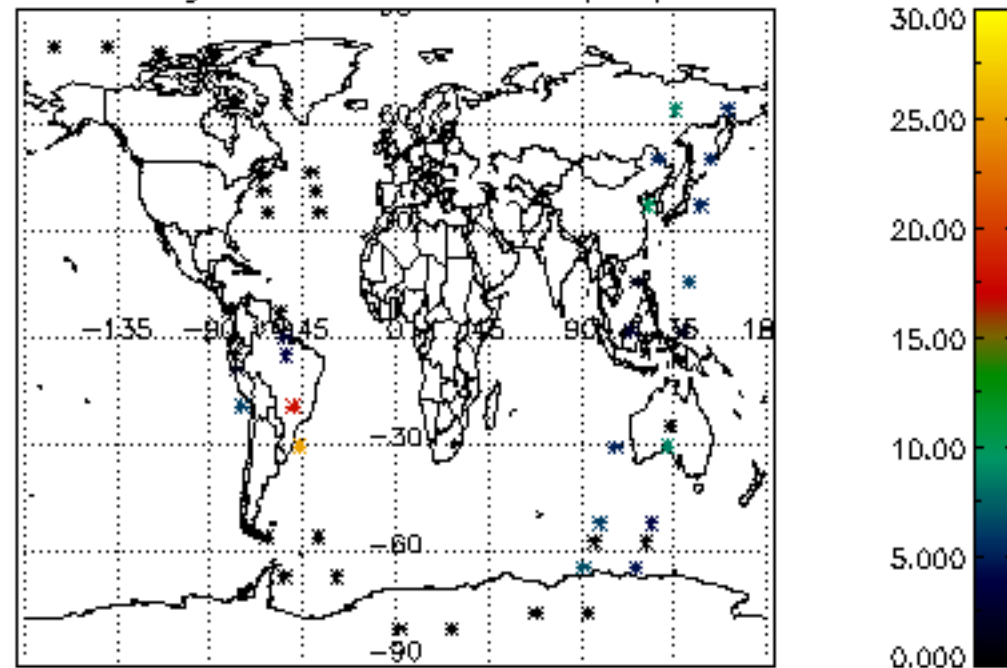
Percentage of datation errors per profile



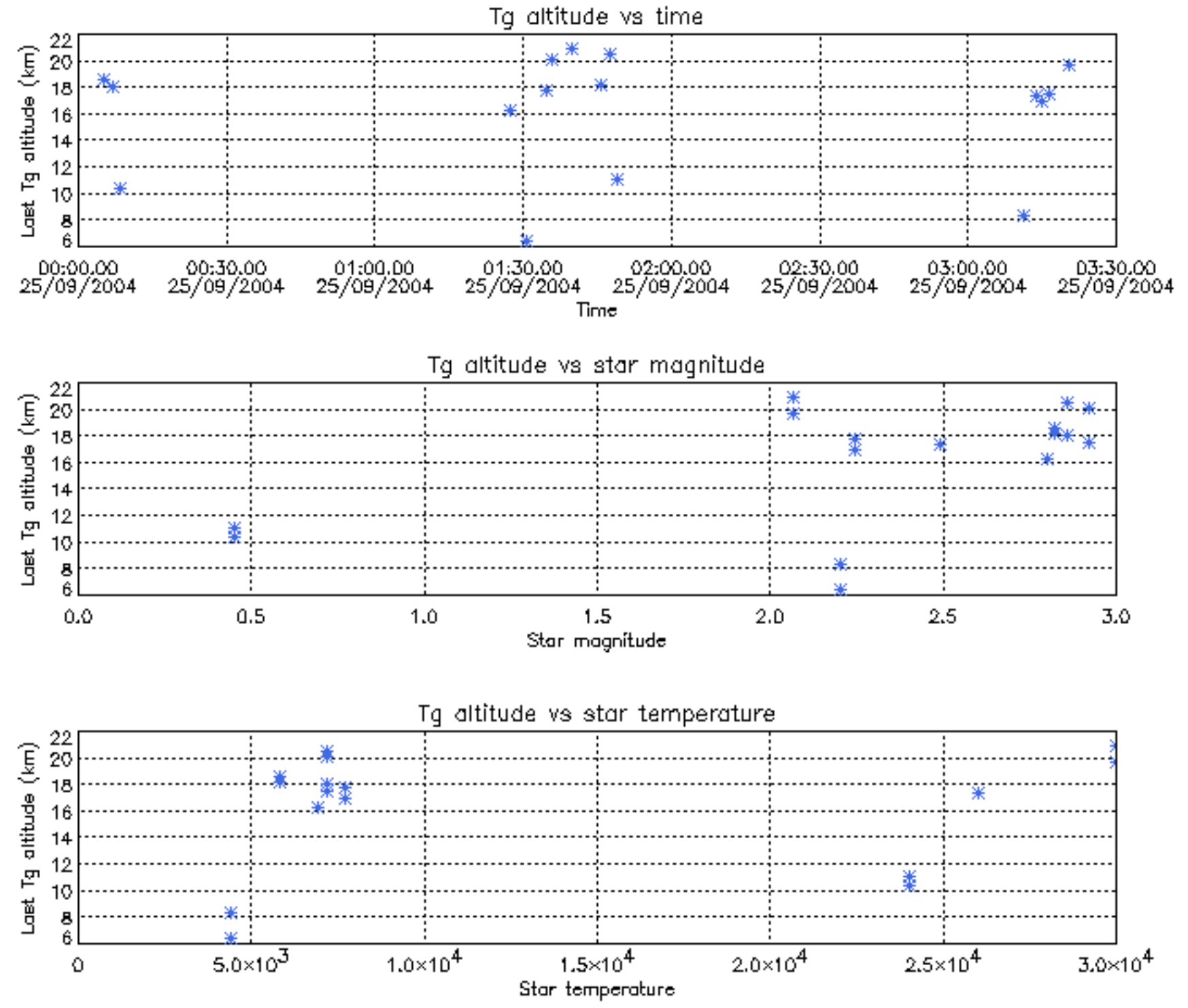
Percentage of star falling outside central band per profile



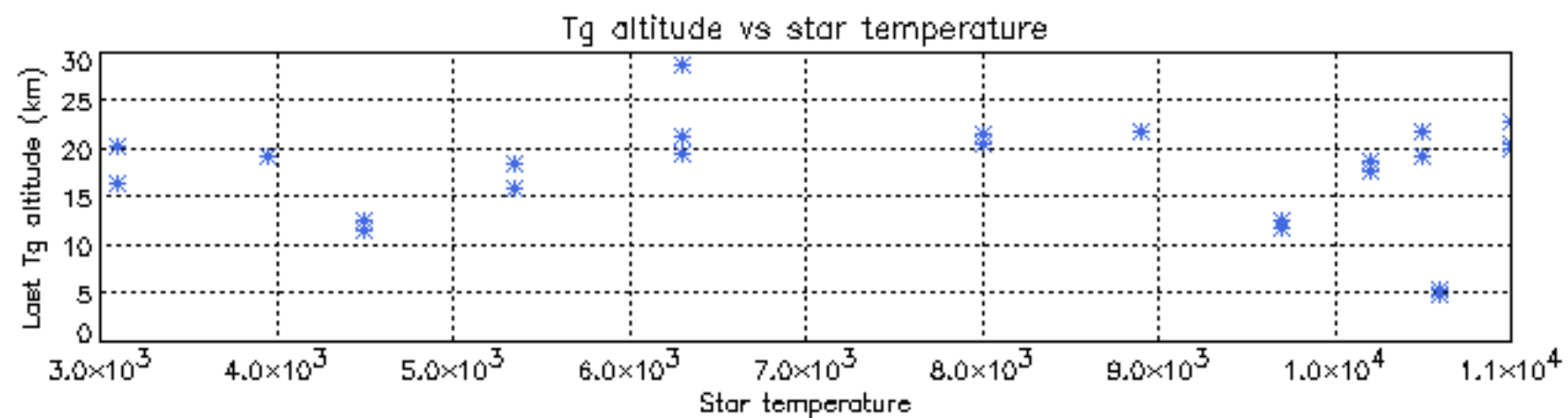
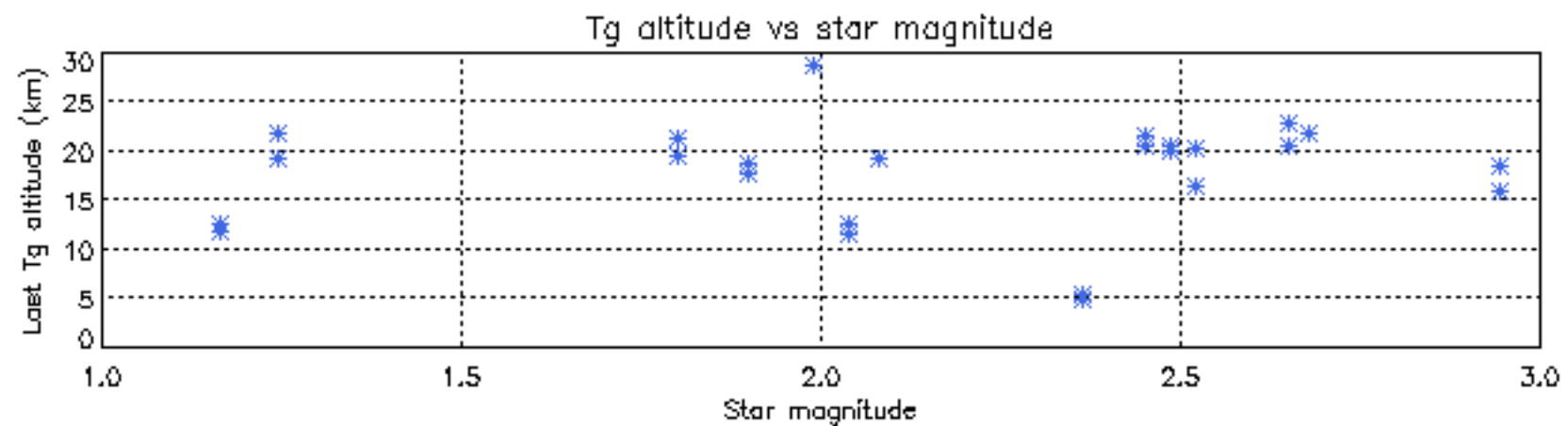
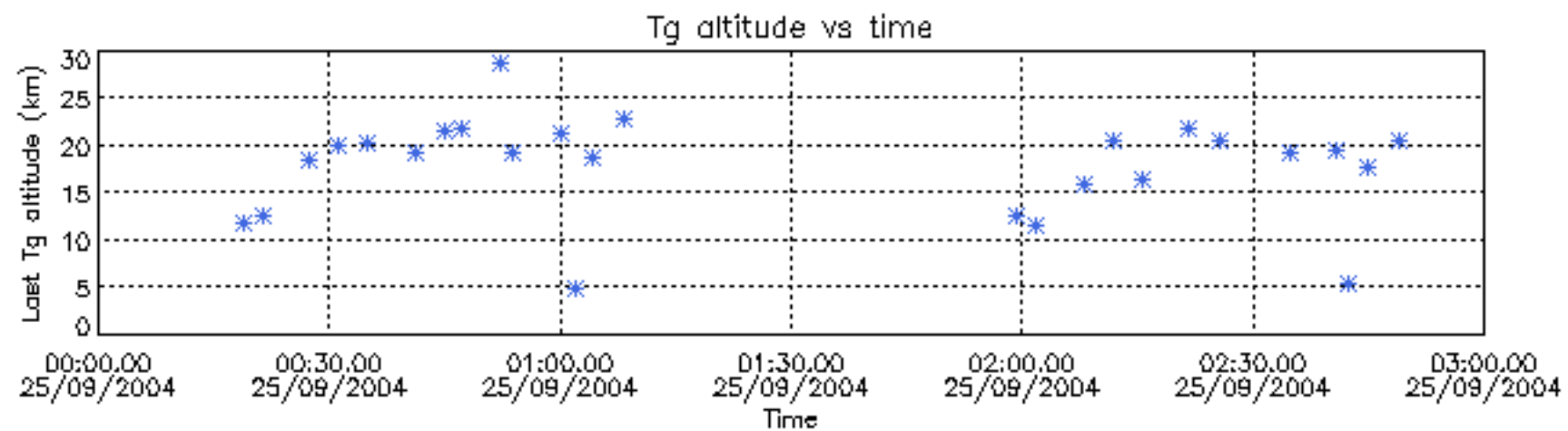
Percentage of saturation errors per profile



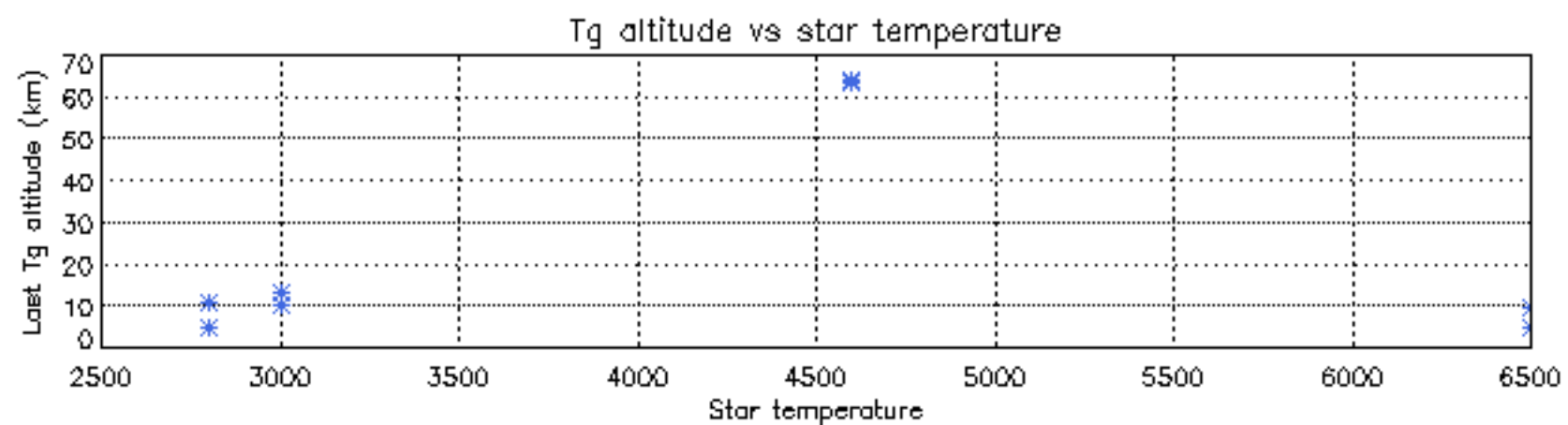
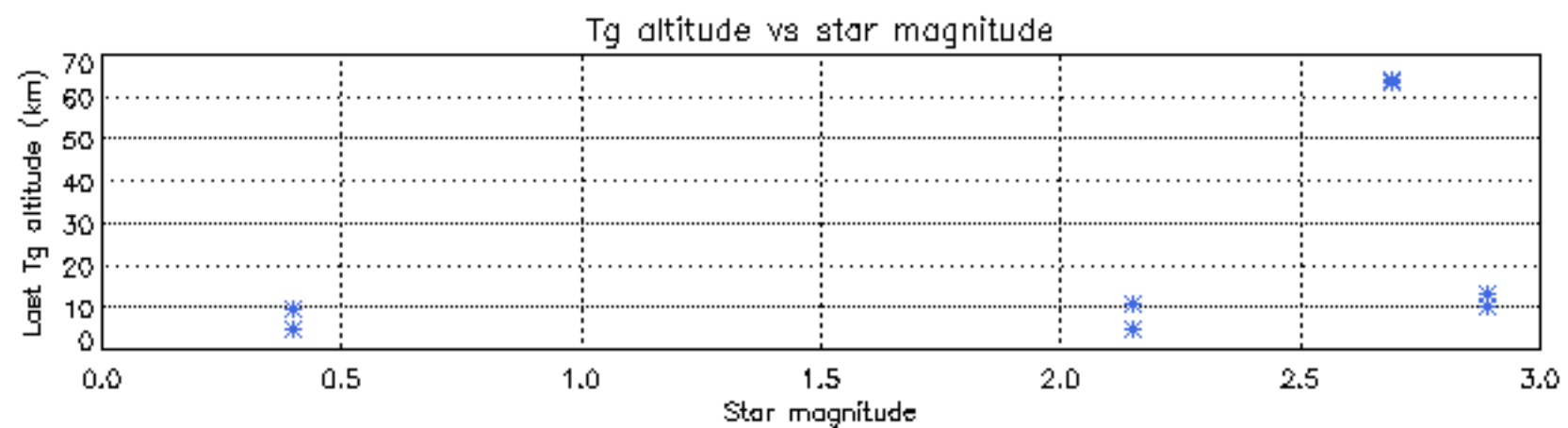
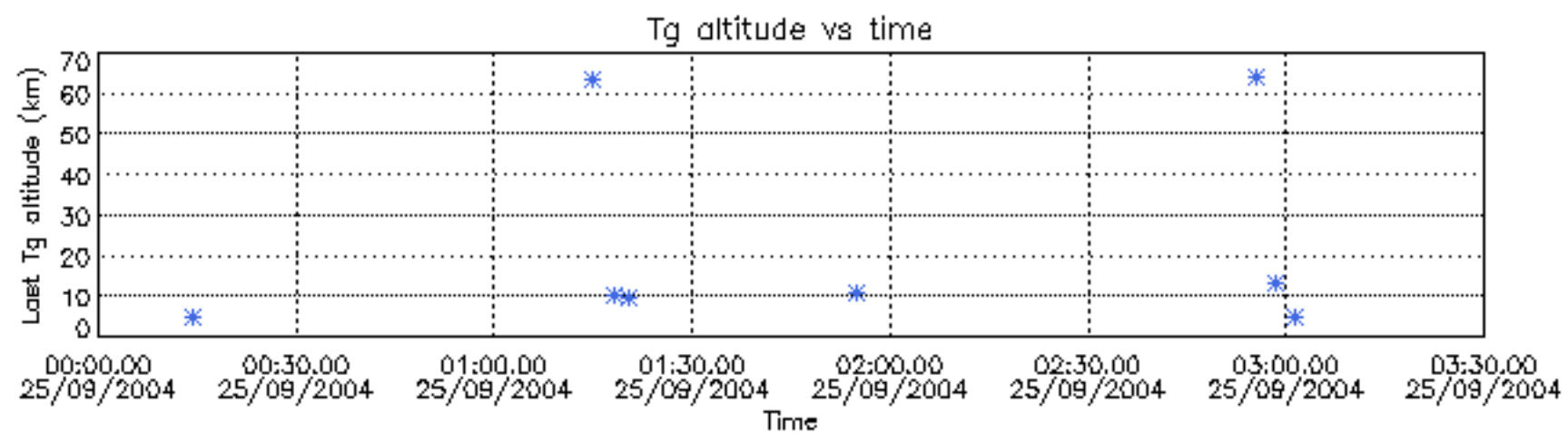
Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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6; 527.2; 01-SEP-2004 00:58:03; Dark ; 43.0; 143; Alp Hyi ; 2.86; 7200;occ; 86; 0;13097
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4;	-146.5;	05-SEP-2004	22:08:45;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	13166
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22;	3217.9;	05-SEP-2004	23:04:49;	Bright;		47.0;	76;	27Gam Cas	;	2.30;	30000;occ;	94;	0;	13167
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26;	3920.1;	05-SEP-2004	23:16:32;	Bright;		37.0;	82;	48Bet UMa	;	2.37;	10600;occ;	74;	0;	13167
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7;	878.6;	06-SEP-2004	00:06:26;	Dark	;	39.5;	148;	Alp Tuc	;	2.88;	4100;occ;	79;	0;	13168
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21;	3096.6;	06-SEP-2004	00:43:24;	Bright;		40.5;	74;	11Bet Cas	;	2.27;	6600;occ;	81;	0;	13168
22;	3217.8;	06-SEP-2004	00:45:25;	Bright;		46.0;	76;	27Gam Cas	;	2.30;	30000;occ;	92;	0;	13168
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24;	3633.6;	06-SEP-2004	00:52:21;	Bright;		58.0;	160;	23Gam Per	;	2.93;	4700;occ;	116;	0;	13168
25;	3836.8;	06-SEP-2004	00:55:44;	Bright;		39.0;	36;	50Alp UMa	;	1.80;	6300;occ;	78;	0;	13168
26;	3920.2;	06-SEP-2004	00:57:08;	Bright;		53.0;	82;	48Bet UMa	;	2.37;	10600;occ;	106;	0;	13168
27;	4132.3;	06-SEP-2004	01:00:40;	Bright;		63.0;	6;	13Alp Aur	;	0.08;	3400;occ;	126;	0;	13168
28;	4378.1;	06-SEP-2004	01:04:45;	Bright;		56.0;	107;	37The Aur	;	2.65;	11000;occ;	112;	0;	13168
29;	4525.6;	06-SEP-2004	01:07:13;	Bright;		43.5;	17;	78Bet Gem	;	1.16;	4500;occ;	87;	0;	13168
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 31; 1275.1; 08-SEP-2004 14:15:11; Dark ; 41.0; 172; Gam Gru ; 3.00; 13100;occ; 82; 0;13205
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18;	-1473.9;	19-SEP-2004	09:22:09;	Bright	;	50.5;	17;	78Bet	Gem	;	1.16;	4500;	occ;	101;	0;	13359
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27;	351.3;	19-SEP-2004	09:52:34;	Dark	;	230.0;	7;	19Bet	Ori	;	0.10;	14000;	occ;	460;	0;	13360
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3;	-3943.6;	19-SEP-2004	12:02:11;	Bright	;	39.5;	61;	8Eps	Peg	;	2.10;	3900;	occ;	79;	0;	13361
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6;	-3496.0;	19-SEP-2004	12:09:38;	Bright	;	37.5;	92;	53Eps	Cyg	;	2.50;	4500;	occ;	75;	0;	13361
7;	-3368.1;	19-SEP-2004	12:11:46;	Bright	;	42.0;	66;	37Gam	Cyg	;	2.21;	5900;	occ;	84;	0;	13361
8;	-3232.5;	19-SEP-2004	12:14:02;	Bright	;	60.0;	53;	43Bet	And	;	2.05;	3300;	occ;	120;	0;	13361
9;	-3062.6;	19-SEP-2004	12:16:52;	Bright	;	38.5;	89;	5Alp	Cep	;	2.45;	8000;	occ;	77;	0;	13361
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11;	-2493.9;	19-SEP-2004	12:26:20;	Bright	;	72.0;	35;	33Alp	Per	;	1.79;	6250;	occ;	144;	0;	13361
12;	-2380.9;	19-SEP-2004	12:28:13;	Bright	;	66.5;	175;	39Del	Per	;	3.01;	19400;	occ;	133;	0;	13361
13;	-2155.8;	19-SEP-2004	12:31:58;	Bright	;	37.0;	36;	50Alp	UMa	;	1.80;	6300;	occ;	74;	0;	13361
14;	-2068.5;	19-SEP-2004	12:33:26;	Bright	;	46.0;	82;	48Bet	UMa	;	2.37;	10600;	occ;	92;	0;	13361
15;	-1889.6;	19-SEP-2004	12:36:25;	Bright	;	60.5;	42;	34Bet	Aur	;	1.90;	10200;	occ;	121;	0;	13361
16;	-1668.5;	19-SEP-2004	12:40:06;	Bright	;	68.5;	107;	37The	Aur	;	2.65;	11000;	occ;	137;	0;	13361
17;	-1473.4;	19-SEP-2004	12:43:21;	Bright	;	64.0;	17;	78Bet	Gem	;	1.16;	4500;	occ;	128;	0;	13361
18;	-1282.2;	19-SEP-2004	12:46:32;	Dark	;	170.0;	28;	12Bet	Tau	;	1.65;	15200;	occ;	340;	0;	13361
19;	-1002.5;	19-SEP-2004	12:51:12;	Dark	;	58.0;	8;	10Alp	CMi	;	0.40;	6500;	occ;	116;	0;	13361
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22;	-256.7;	19-SEP-2004	13:03:38;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	13361
23;	-146.7;	19-SEP-2004	13:05:28;	Dark	;	42.0;	46;	Del	Vel	;	1.95;	10600;	occ;	84;	0;	13361
24;	-52.5;	19-SEP-2004	13:07:02;	Dark	;	50.0;	41;	Eps	Car	;	1.86;	4100;	occ;	100;	0;	13361
25;	50.5;	19-SEP-2004	13:08:45;	Dark	;	89.5;	101;	11Alp	Lep	;	2.58;	7000;	occ;	179;	0;	13362
26;	366.7;	19-SEP-2004	13:14:01;	Dark	;	230.0;	7;	19Bet	Ori	;	0.10;	14000;	occ;	460;	0;	13362
27;	662.3;	19-SEP-2004	13:18:57;	Dark	;	41.0;	143;	Alp	Hyi	;	2.86;	7200;	occ;	82;	0;	13362
28;	748.1;	19-SEP-2004	13:20:22;	Dark	;	55.0;	9;	Alp	Eri	;	0.45;	24000;	occ;	110;	0;	13362
29;	910.2;	19-SEP-2004	13:23:04;	Dark	;	37.5;	148;	Alp	Tuc	;	2.88;	4100;	occ;	75;	0;	13362
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5;-4093.1; 30-SEP-2004 19:36:43; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;13523
6;-3869.7; 30-SEP-2004 19:40:26; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;13523
7;-3651.3; 30-SEP-2004 19:44:05; Bright; 36.0; 93; 53Bet Peg ; 2.52; 3100;occ; 72; 0;13523
8;-3509.5; 30-SEP-2004 19:46:26; Bright; 65.5; 105; 6Bet Ari ; 2.64; 8900;occ; 131; 0;13523
9;-3378.6; 30-SEP-2004 19:48:37; Bright; 49.5; 53; 43Bet And ; 2.05; 3300;occ; 99; 0;13523
10;-3086.4; 30-SEP-2004 19:53:30; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;13523
11;-3006.3; 30-SEP-2004 19:54:50; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;13523
12;-2769.1; 30-SEP-2004 19:58:47; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;13523
13;-2608.8; 30-SEP-2004 20:01:27; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;13523
14;-2485.4; 30-SEP-2004 20:03:31; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;13523
15;-2131.6; 30-SEP-2004 20:09:24; Bright; 35.0; 36; 50Alp UMa ; 1.80; 6300;occ; 70; 0;13523
16;-2041.6; 30-SEP-2004 20:10:54; Bright; 35.0; 82; 48Bet UMa ; 2.37; 10600;occ; 70; 0;13523
17;-1848.9; 30-SEP-2004 20:14:07; Bright; 35.0; 174; 52Psi UMa ; 3.00; 4400;occ; 70; 0;13523
18;-1703.2; 30-SEP-2004 20:16:33; Bright; 90.0; 107; 37The Aur ; 2.65; 11000;occ; 180; 0;13523
19;-1524.7; 30-SEP-2004 20:19:31; Bright; 54.5; 24; 66Alp Gem ; 1.58; 10200;occ; 109; 0;13523
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30; 913.9; 30-SEP-2004 21:00:10; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;13524

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