

GOMOS Daily Report 14-JUL-2010

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

[2. Summary of products arrived in PCF \(Product Control Facility\)](#)

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

[3. Plot of Spectrometers and Photometers temperatures](#)

[4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

[5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

[6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

[7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

[Level 2 products](#)

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	18JUL2010 04:55:29
Data source version	GOMOS/5.01
Start time of products	14JUL2010 00:02:37
Stop time of products	14JUL2010 23:59:36
Store outputs in DB	Yes
Nb of level 1b prods	114
Nb of prods with errors	0

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

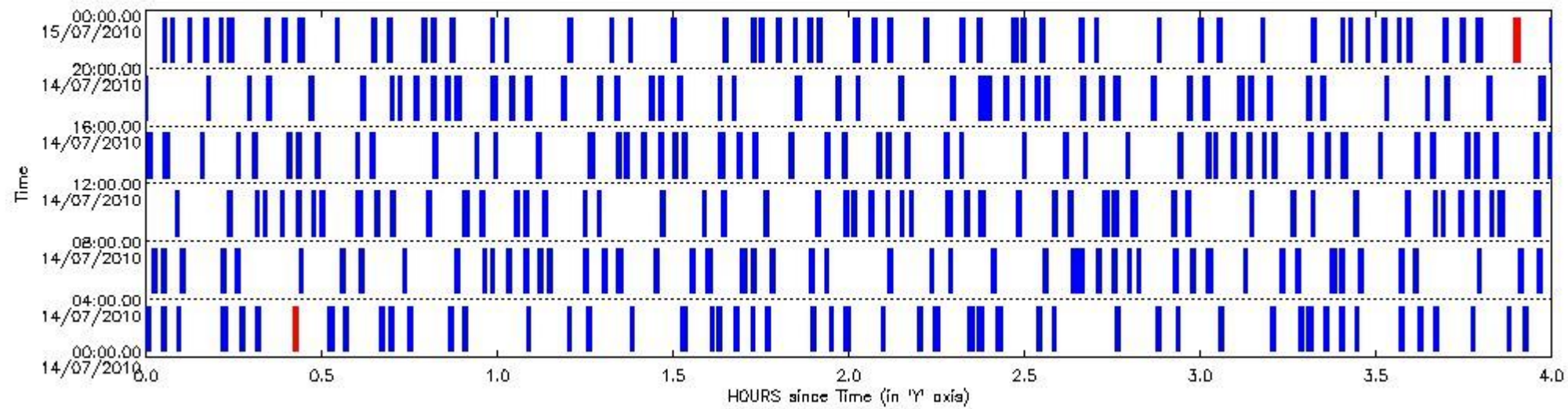
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



2.3 Summary of missing occultations (red segments in previous plot)

UTC start time	Star name	Star ID	Orbit
14-JUL-2010 00:25:03	The1Eri	157	43757
14-JUL-2010 23:53:35	The1Eri	157	43771

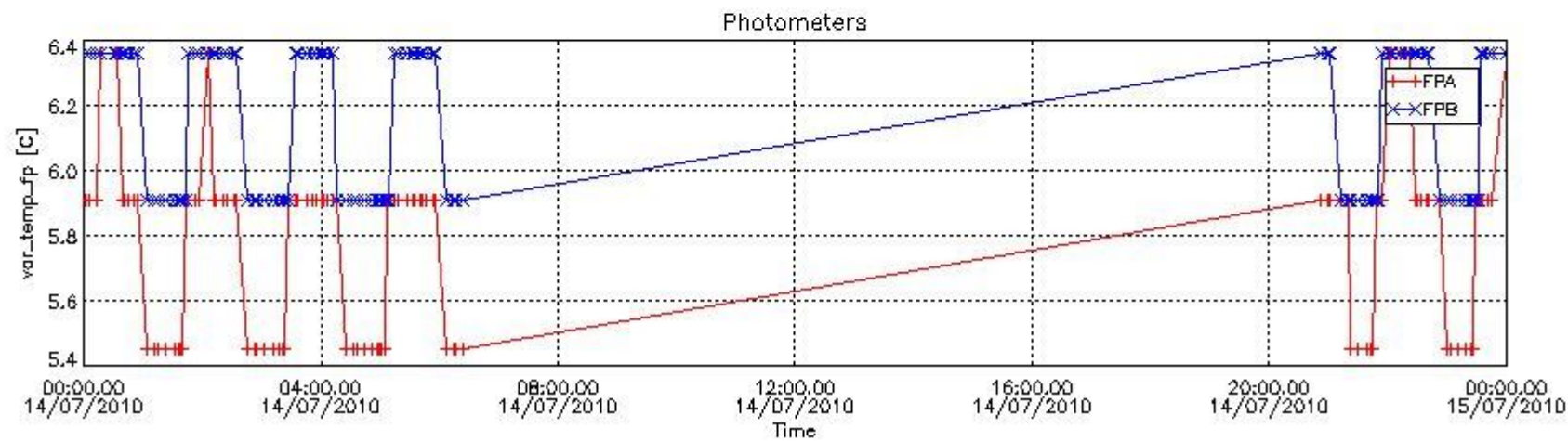
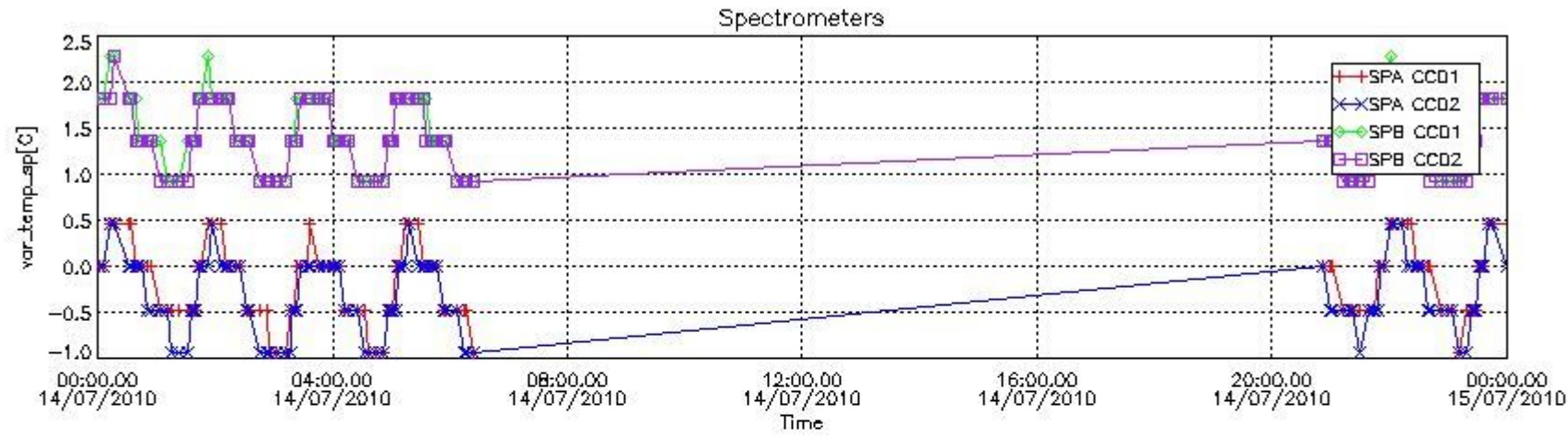
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100714_000237_000000452091_00116_43757_6533.N1	14-JUL-2010 00:02:37	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	43757	No
2	GOM_TRA_1PNPDE20100714_000508_000000442091_00116_43757_6534.N1	14-JUL-2010 00:05:08	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43757	No
3	GOM_TRA_1PNPDE20100714_001249_000000542091_00116_43757_6535.N1	14-JUL-2010 00:12:49	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43757	No
4	GOM_TRA_1PNPDE20100714_001600_000000442091_00116_43757_6536.N1	14-JUL-2010 00:16:00	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43757	No
5	GOM_TRA_1PNPDE20100714_003104_000000542091_00117_43758_6545.N1	14-JUL-2010 00:31:04	Dark	53.500	9	Alp Eri	0.45300	24000.	107	43758	No
6	GOM_TRA_1PNPDE20100714_003345_000000492091_00117_43758_6546.N1	14-JUL-2010 00:33:45	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43758	No
7	GOM_TRA_1PNPDE20100714_003942_000000612091_00117_43758_6547.N1	14-JUL-2010 00:39:42	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43758	No
8	GOM_TRA_1PNPDE20100714_004121_000000572091_00117_43758_6548.N1	14-JUL-2010 00:41:21	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	43758	No
9	GOM_TRA_1PNPDE20100714_004434_000000522091_00117_43758_6549.N1	14-JUL-2010 00:44:34	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43758	No

10	GOM_TRA_1PNPDE20100714_005130_000000492091_00117_43758_6550.N1	14-JUL-2010 00:51:30	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	43758	No
11	GOM_TRA_1PNPDE20100714_005401_000000402091_00117_43758_6551.N1	14-JUL-2010 00:54:01	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43758	No
12	GOM_TRA_1PNPDE20100714_010452_000000402091_00117_43758_6552.N1	14-JUL-2010 01:04:52	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43758	No
13	GOM_TRA_1PNPDE20100714_011156_000000422091_00117_43758_6553.N1	14-JUL-2010 01:11:56	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43758	No
14	GOM_TRA_1PNPDE20100714_011513_000000382091_00117_43758_6554.N1	14-JUL-2010 01:15:13	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43758	No
15	GOM_TRA_1PNPDE20100714_012234_000000432091_00117_43758_6555.N1	14-JUL-2010 01:22:34	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43758	No
16	GOM_TRA_1PNPDE20100714_013122_000000502091_00117_43758_6556.N1	14-JUL-2010 01:31:22	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43758	No
17	GOM_TRA_1PNPDE20100714_013612_000000432091_00117_43758_6557.N1	14-JUL-2010 01:36:12	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43758	No
18	GOM_TRA_1PNPDE20100714_013731_000000422091_00117_43758_6558.N1	14-JUL-2010 01:37:31	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43758	No
19	GOM_TRA_1PNPDE20100714_014025_000000462091_00117_43758_6559.N1	14-JUL-2010 01:40:25	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43758	No
20	GOM_TRA_1PNPDE20100714_014313_000000432091_00117_43758_6560.N1	14-JUL-2010 01:43:13	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	43758	No
21	GOM_TRA_1PNPDE20100714_014544_000000442091_00117_43758_6561.N1	14-JUL-2010 01:45:44	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43758	No
22	GOM_TRA_1PNPDE20100714_015326_000000492091_00117_43758_6562.N1	14-JUL-2010 01:53:26	Dark	48.500	94	92Alp Cet	2.5260	3100.0	97	43758	No
23	GOM_TRA_1PNPDE20100714_015636_000000392091_00117_43758_6561.N1	14-JUL-2010 01:56:36	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	43758	No
24	GOM_TRA_1PNPDE20100714_020531_000000422091_00117_43758_6562.N1	14-JUL-2010 02:05:31	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43758	No
25	GOM_TRA_1PNPDE20100714_021141_000000502091_00118_43759_6563.N1	14-JUL-2010 02:11:41	Dark	49.500	9	Alp Eri	0.45300	24000.	99	43759	No
26	GOM_TRA_1PNPDE20100714_021422_000000582091_00118_43759_6564.N1	14-JUL-2010 02:14:22	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	43759	No
27	GOM_TRA_1PNPDE20100714_022019_000000622091_00118_43759_6565.N1	14-JUL-2010 02:20:19	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43759	No
28	GOM_TRA_1PNPDE20100714_022158_000000572091_00118_43759_6566.N1	14-JUL-2010 02:21:58	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	43759	No
29	GOM_TRA_1PNPDE20100714_022510_000000522091_00118_43759_6567.N1	14-JUL-2010 02:25:10	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43759	No
30	GOM_TRA_1PNPDE20100714_023206_000000472091_00118_43759_6568.N1	14-JUL-2010 02:32:06	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	43759	No
31	GOM_TRA_1PNPDE20100714_023437_000000412091_00118_43759_6569.N1	14-JUL-2010 02:34:37	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43759	No
32	GOM_TRA_1PNPDE20100714_024528_000000412091_00118_43759_6570.N1	14-JUL-2010 02:45:28	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43759	No
33	GOM_TRA_1PNPDE20100714_025231_000000402091_00118_43759_6571.N1	14-JUL-2010 02:52:31	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43759	No
34	GOM_TRA_1PNPDE20100714_025549_000000362091_00118_43759_6572.N1	14-JUL-2010 02:55:49	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	43759	No
35	GOM_TRA_1PNPDE20100714_030309_000000432091_00118_43759_6573.N1	14-JUL-2010 03:03:09	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43759	No
36	GOM_TRA_1PNPDE20100714_031157_000000442091_00118_43759_6589.N1	14-JUL-2010 03:11:57	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	43759	No
37	GOM_TRA_1PNPDE20100714_031648_000000422091_00118_43759_6590.N1	14-JUL-2010 03:16:48	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43759	No
38	GOM_TRA_1PNPDE20100714_031807_000000592091_00118_43759_6591.N1	14-JUL-2010 03:18:07	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	43759	No
39	GOM_TRA_1PNPDE20100714_032101_000000452091_00118_43759_6592.N1	14-JUL-2010 03:21:01	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43759	No
40	GOM_TRA_1PNPDE20100714_032349_000000442091_00118_43759_6593.N1	14-JUL-2010 03:23:49	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43759	No
41	GOM_TRA_1PNPDE20100714_032620_000000442091_00118_43759_6594.N1	14-JUL-2010 03:26:20	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43759	No
42	GOM_TRA_1PNPDE20100714_033402_000000482091_00118_43759_6595.N1	14-JUL-2010 03:34:02	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	43759	No
43	GOM_TRA_1PNPDE20100714_033713_000000382091_00118_43759_6596.N1	14-JUL-2010 03:37:13	Dark	37.500	165	34Gam Eri	2.9500	3200.0	75	43759	No
44	GOM_TRA_1PNPDE20100714_034607_000000432091_00118_43759_6597.N1	14-JUL-2010 03:46:07	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43759	No
45	GOM_TRA_1PNPDE20100714_035218_000000432091_00119_43760_6598.N1	14-JUL-2010 03:52:18	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43760	No
46	GOM_TRA_1PNPDE20100714_035459_000000512091_00119_43760_6599.N1	14-JUL-2010 03:54:59	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43760	No
47	GOM_TRA_1PNPDE20100714_040056_000000552091_00119_43760_6600.N1	14-JUL-2010 04:00:56	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	43760	No
48	GOM_TRA_1PNPDE20100714_040235_000000502091_00119_43760_6601.N1	14-JUL-2010 04:02:35	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43760	No
49	GOM_TRA_1PNPDE20100714_040547_000000522091_00119_43760_6602.N1	14-JUL-2010 04:05:47	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43760	No
50	GOM_TRA_1PNPDE20100714_041242_000000472091_00119_43760_6603.N1	14-JUL-2010 04:12:42	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	43760	No
51	GOM_TRA_1PNPDE20100714_041513_000000402091_00119_43760_6604.N1	14-JUL-2010 04:15:13	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43760	No
52	GOM_TRA_1PNPDE20100714_042603_000000402091_00119_43760_6605.N1	14-JUL-2010 04:26:03	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43760	No
53	GOM_TRA_1PNPDE20100714_043308_000000422091_00119_43760_6606.N1	14-JUL-2010 04:33:08	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43760	No
54	GOM_TRA_1PNPDE20100714_043624_000000382091_00119_43760_6607.N1	14-JUL-2010 04:36:24	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43760	No
55	GOM_TRA_1PNPDE20100714_044345_000000432091_00119_43760_6608.N1	14-JUL-2010 04:43:45	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43760	No
56	GOM_TRA_1PNPDE20100714_045233_000000492091_00119_43760_6611.N1	14-JUL-2010 04:52:33	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43760	No
57	GOM_TRA_1PNPDE20100714_045723_000000442091_00119_43760_6612.N1	14-JUL-2010 04:57:23	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43760	No
58	GOM_TRA_1PNPDE20100714_045842_000000422091_00119_43760_6613.N1	14-JUL-2010 04:58:42	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43760	No
59	GOM_TRA_1PNPDE20100714_050137_000000472091_00119_43760_6614.N1	14-JUL-2010 05:01:37	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43760	No
60	GOM_TRA_1PNPDE20100714_050425_000000452091_00119_43760_6615.N1	14-JUL-2010 05:04:25	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	43760	No
61	GOM_TRA_1PNPDE20100714_050657_000000442091_00119_43760_6616.N1	14-JUL-2010 05:06:57	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43760	No
62	GOM_TRA_1PNPDE20100714_050831_000000472091_00119_43760_6617.N1	14-JUL-2010 05:08:31	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	43760	No
63	GOM_TRA_1PNPDE20100714_051439_000000512091_00119_43760_6618.N1	14-JUL-2010 05:14:39	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	43760	No
64	GOM_TRA_1PNPDE20100714_051749_000000442091_00119_43760_6619.N1	14-JUL-2010 05:17:49	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43760	No
65	GOM_TRA_1PNPDE20100714_052644_000000422091_00119_43760_6620.N1	14-JUL-2010 05:26:44	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43760	No
66	GOM_TRA_1PNPDE20100714_053254_000000482091_00120_43761_6621.N1	14-JUL-2010 05:32:54	Dark	48.000	9	Alp Eri	0.45300	24000.	96	43761	No
67	GOM_TRA_1PNPDE20100714_053536_000000532091_00120_43761_6622.N1	14-JUL-2010 05:35:36	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43761	No
68	GOM_TRA_1PNPDE20100714_054133_000000582091_00120_43761_6623.N1	14-JUL-2010 05:41:33	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	43761	No

69	GOM_TRA_1PNPDE20100714_054312_000000522091_00120_43761_6624.N1	14-JUL-2010 05:43:12	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	43761	No
70	GOM_TRA_1PNPDE20100714_054624_000000532091_00120_43761_6625.N1	14-JUL-2010 05:46:24	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43761	No
71	GOM_TRA_1PNPDE20100714_055319_000000462091_00120_43761_6626.N1	14-JUL-2010 05:53:19	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43761	No
72	GOM_TRA_1PNPDE20100714_055549_000000412091_00120_43761_6627.N1	14-JUL-2010 05:55:49	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43761	No
73	GOM_TRA_1PNPDE20100714_060640_000000402091_00120_43761_6628.N1	14-JUL-2010 06:06:40	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43761	No
74	GOM_TRA_1PNPDE20100714_061343_000000432091_00120_43761_6629.N1	14-JUL-2010 06:13:43	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43761	No
75	GOM_TRA_1PNPDE20100714_061700_000000392091_00120_43761_6630.N1	14-JUL-2010 06:17:00	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43761	No
76	GOM_TRA_1PNPDE20100714_062420_000000412091_00120_43761_6631.N1	14-JUL-2010 06:24:20	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43761	No
77	GOM_TRA_1PNPDE20100714_205154_000000522091_00129_43770_6741.N1	14-JUL-2010 20:51:54	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43770	No
78	GOM_TRA_1PNPDE20100714_205844_000000432091_00129_43770_6742.N1	14-JUL-2010 20:58:44	Bright	43.000	103	38Zet Sgr	2.6000	9700.0	86	43770	No
79	GOM_TRA_1PNPDE20100714_210114_000000402091_00129_43770_6743.N1	14-JUL-2010 21:01:14	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43770	No
80	GOM_TRA_1PNPDE20100714_211201_000000412091_00129_43770_6744.N1	14-JUL-2010 21:12:01	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43770	No
81	GOM_TRA_1PNPDE20100714_211905_000000372091_00129_43770_6745.N1	14-JUL-2010 21:19:05	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	43770	No
82	GOM_TRA_1PNPDE20100714_212223_000000392091_00129_43770_6746.N1	14-JUL-2010 21:22:23	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43770	No
83	GOM_TRA_1PNPDE20100714_212938_000000452091_00129_43770_6747.N1	14-JUL-2010 21:29:38	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43770	No
84	GOM_TRA_1PNPDE20100714_213827_000000482091_00129_43770_6748.N1	14-JUL-2010 21:38:27	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43770	No
85	GOM_TRA_1PNPDE20100714_214321_000000432091_00129_43770_6749.N1	14-JUL-2010 21:43:21	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43770	No
86	GOM_TRA_1PNPDE20100714_214441_000000442091_00129_43770_6750.N1	14-JUL-2010 21:44:41	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43770	No
87	GOM_TRA_1PNPDE20100714_214736_000000472091_00129_43770_6751.N1	14-JUL-2010 21:47:36	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43770	No
88	GOM_TRA_1PNPDE20100714_215026_000000442091_00129_43770_6752.N1	14-JUL-2010 21:50:26	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43770	No
89	GOM_TRA_1PNPDE20100714_215258_000000442091_00129_43770_6753.N1	14-JUL-2010 21:52:58	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43770	No
90	GOM_TRA_1PNPDE20100714_215433_000000482091_00129_43770_6754.N1	14-JUL-2010 21:54:33	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	43770	No
91	GOM_TRA_1PNPDE20100714_220045_000000592091_00129_43770_6755.N1	14-JUL-2010 22:00:45	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	43770	No
92	GOM_TRA_1PNPDE20100714_220353_000000452091_00129_43770_6767.N1	14-JUL-2010 22:03:53	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43770	No
93	GOM_TRA_1PNPDE20100714_221250_000000392091_00129_43770_6768.N1	14-JUL-2010 22:12:50	Dark	39.000	157	The1Eri	2.9060	9300.0	78	43770	No
94	GOM_TRA_1PNPDE20100714_221859_000000412091_00130_43771_6769.N1	14-JUL-2010 22:18:59	Dark	41.000	9	Alp Eri	0.45300	24000.	82	43771	No
95	GOM_TRA_1PNPDE20100714_222147_000000572091_00130_43771_6770.N1	14-JUL-2010 22:21:47	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	43771	No
96	GOM_TRA_1PNPDE20100714_222741_000000622091_00130_43771_6771.N1	14-JUL-2010 22:27:41	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43771	No
97	GOM_TRA_1PNPDE20100714_222919_000000462091_00130_43771_6772.N1	14-JUL-2010 22:29:19	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	43771	No
98	GOM_TRA_1PNPDE20100714_223231_000000522091_00130_43771_6773.N1	14-JUL-2010 22:32:31	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43771	No
99	GOM_TRA_1PNPDE20100714_223920_000000412091_00130_43771_6774.N1	14-JUL-2010 22:39:20	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	43771	No
100	GOM_TRA_1PNPDE20100714_224150_000000412091_00130_43771_6775.N1	14-JUL-2010 22:41:50	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43771	No
101	GOM_TRA_1PNPDE20100714_225237_000000402091_00130_43771_6776.N1	14-JUL-2010 22:52:37	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43771	No
102	GOM_TRA_1PNPDE20100714_225940_000000422091_00130_43771_6777.N1	14-JUL-2010 22:59:40	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43771	No
103	GOM_TRA_1PNPDE20100714_230259_000000392091_00130_43771_6778.N1	14-JUL-2010 23:02:59	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43771	No
104	GOM_TRA_1PNPDE20100714_231014_000000442091_00130_43771_6779.N1	14-JUL-2010 23:10:14	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43771	No
105	GOM_TRA_1PNPDE20100714_231902_000000472091_00130_43771_6780.N1	14-JUL-2010 23:19:02	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43771	No
106	GOM_TRA_1PNPDE20100714_232357_000000422091_00130_43771_6781.N1	14-JUL-2010 23:23:57	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43771	No
107	GOM_TRA_1PNPDE20100714_232517_000000422091_00130_43771_6782.N1	14-JUL-2010 23:25:17	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	43771	No
108	GOM_TRA_1PNPDE20100714_232812_000000462091_00130_43771_6783.N1	14-JUL-2010 23:28:12	Bright	45.500	79	26Bet Per	2.3100	13100.	91	43771	No
109	GOM_TRA_1PNPDE20100714_233102_000000452091_00130_43771_6784.N1	14-JUL-2010 23:31:02	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	43771	No
110	GOM_TRA_1PNPDE20100714_233334_000000452091_00130_43771_6785.N1	14-JUL-2010 23:33:34	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43771	No
111	GOM_TRA_1PNPDE20100714_233509_000000492091_00130_43771_6786.N1	14-JUL-2010 23:35:09	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	43771	No
112	GOM_TRA_1PNPDE20100714_234122_000000532091_00130_43771_6787.N1	14-JUL-2010 23:41:22	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43771	No
113	GOM_TRA_1PNPDE20100714_234430_000000462091_00130_43771_6800.N1	14-JUL-2010 23:44:30	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	43771	No
114	GOM_TRA_1PNPDE20100714_235936_000000522091_00131_43772_6801.N1	14-JUL-2010 23:59:36	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43772	No

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



4. Overview of dark signal processing per product

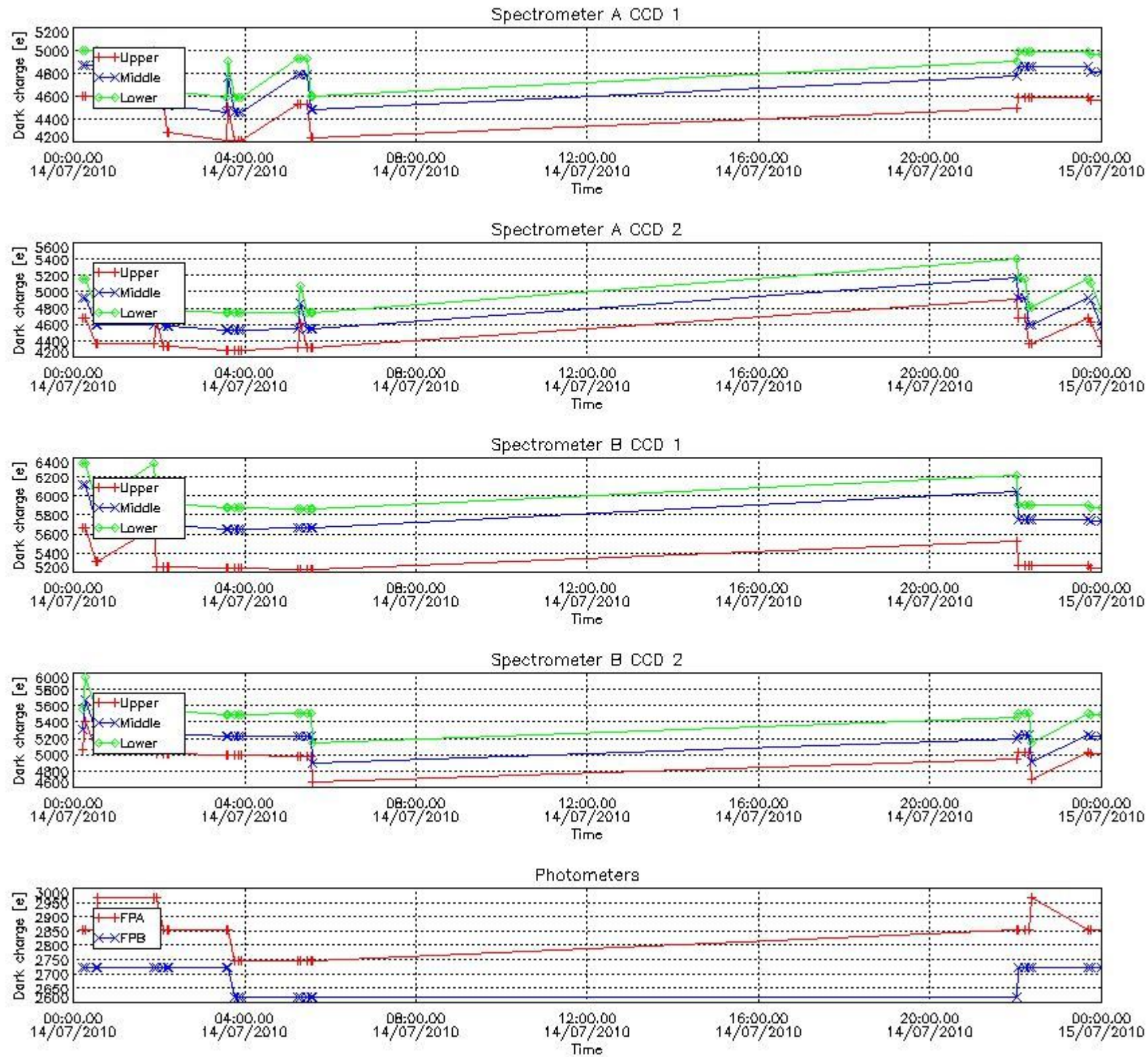
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20100714_205154_000000522091_00129_43770_6741.N1	DC map used
GOM_TRA_1PNPDE20100714_205844_000000432091_00129_43770_6742.N1	DC map used
GOM_TRA_1PNPDE20100714_210114_000000402091_00129_43770_6743.N1	DC map used
GOM_TRA_1PNPDE20100714_211201_000000412091_00129_43770_6744.N1	DC map used
GOM_TRA_1PNPDE20100714_211905_000000372091_00129_43770_6745.N1	DC map used
GOM_TRA_1PNPDE20100714_212223_000000392091_00129_43770_6746.N1	DC map used
GOM_TRA_1PNPDE20100714_212938_000000452091_00129_43770_6747.N1	DC map used
GOM_TRA_1PNPDE20100714_213827_000000482091_00129_43770_6748.N1	DC map used
GOM_TRA_1PNPDE20100714_214321_000000432091_00129_43770_6749.N1	DC map used
GOM_TRA_1PNPDE20100714_214441_000000442091_00129_43770_6750.N1	DC map used
GOM_TRA_1PNPDE20100714_214736_000000472091_00129_43770_6751.N1	DC map used
GOM_TRA_1PNPDE20100714_215026_000000442091_00129_43770_6752.N1	DC map used
GOM_TRA_1PNPDE20100714_215258_000000442091_00129_43770_6753.N1	DC map used
GOM_TRA_1PNPDE20100714_215433_000000482091_00129_43770_6754.N1	DC map used

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



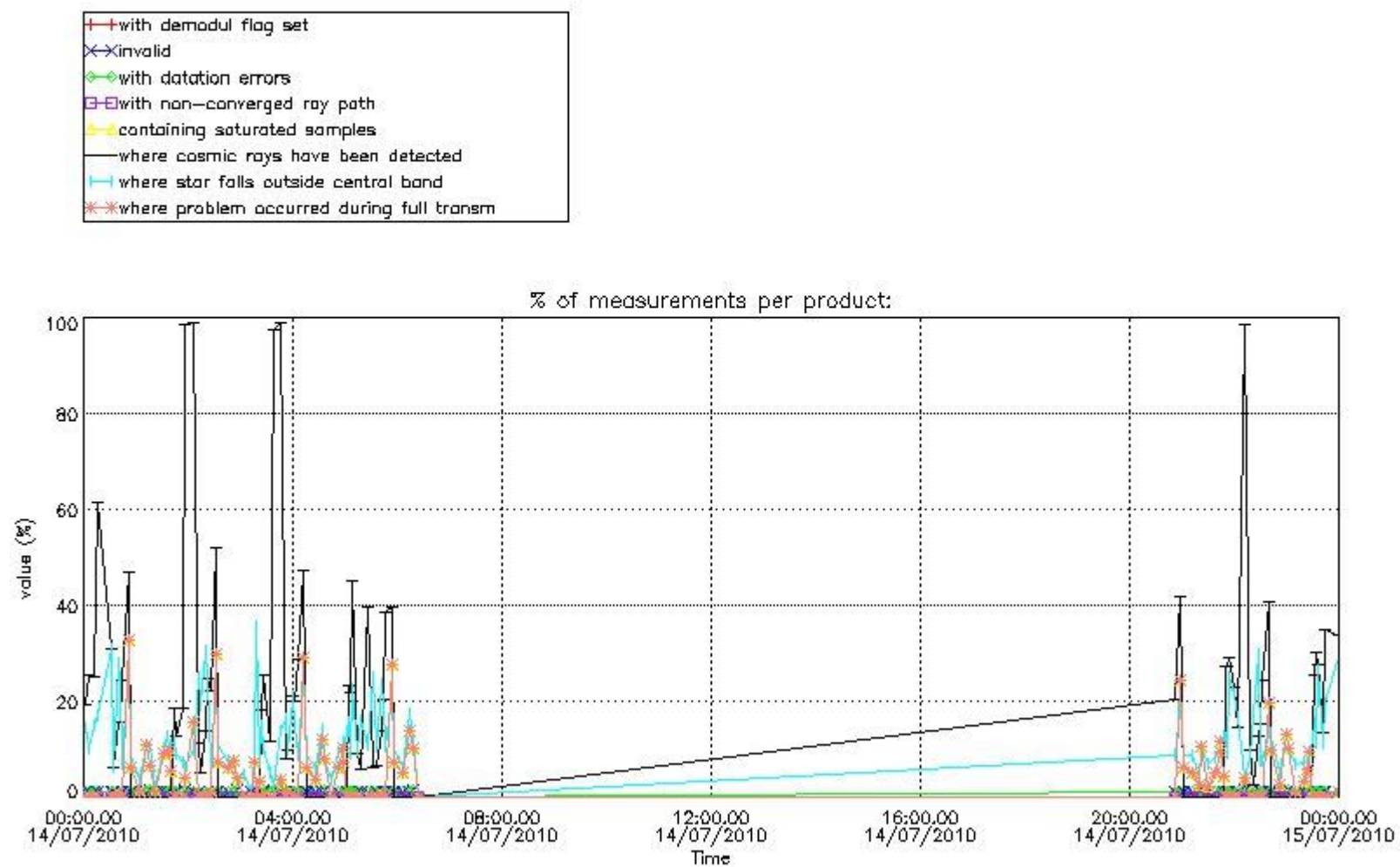
5. Demodulation flag and quality information monitoring

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.

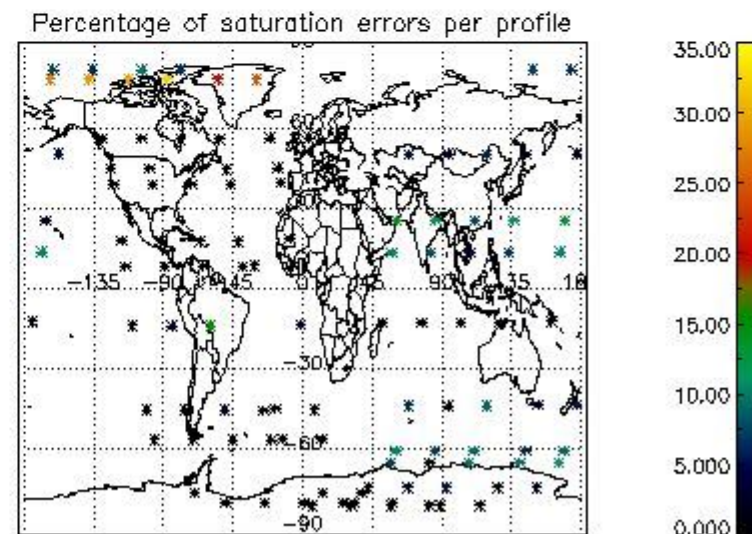
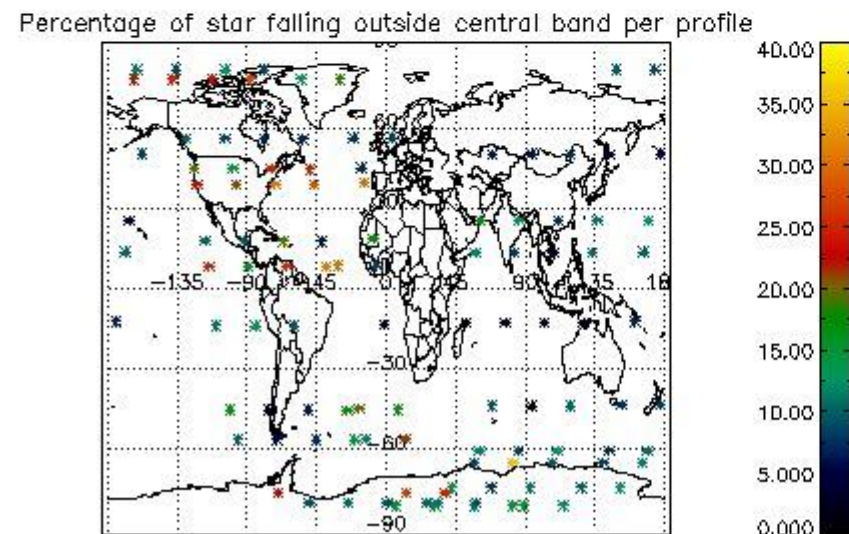
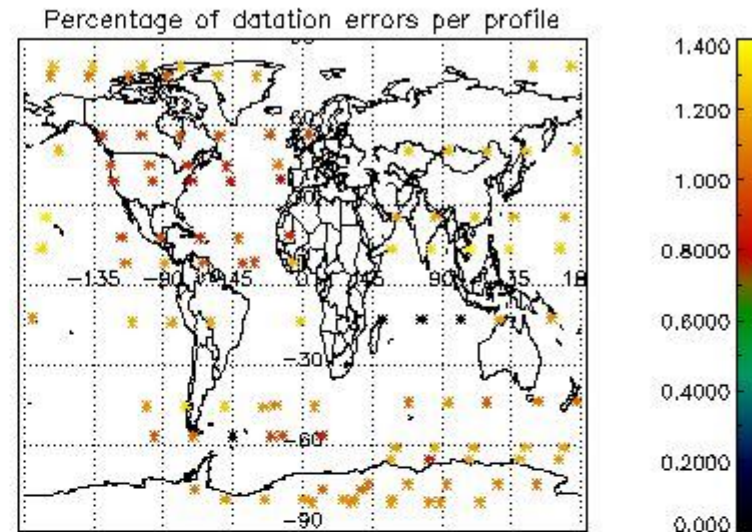
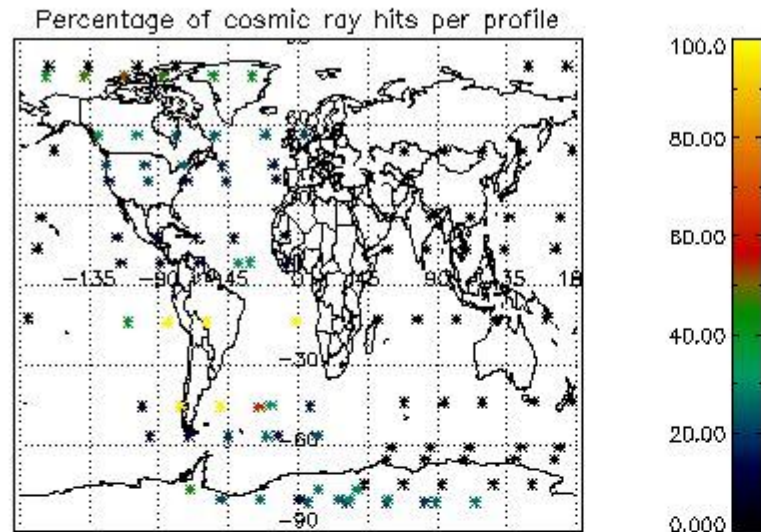
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	45.6140 %
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)



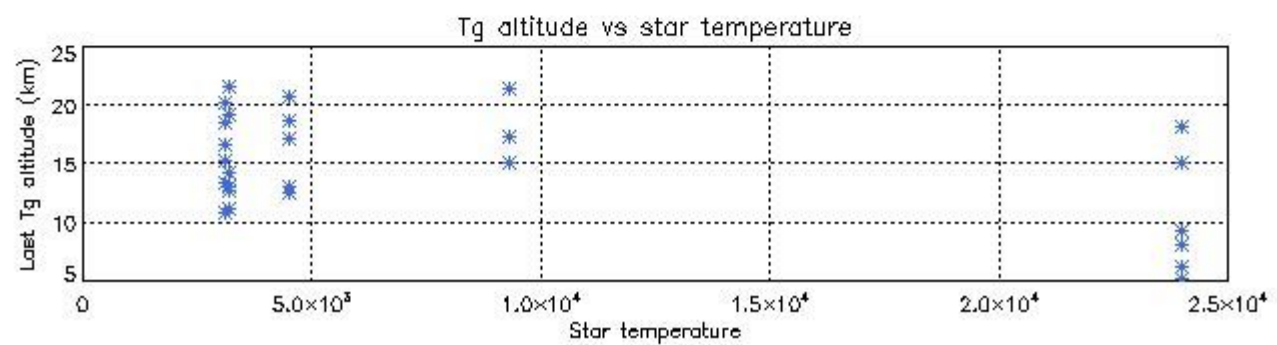
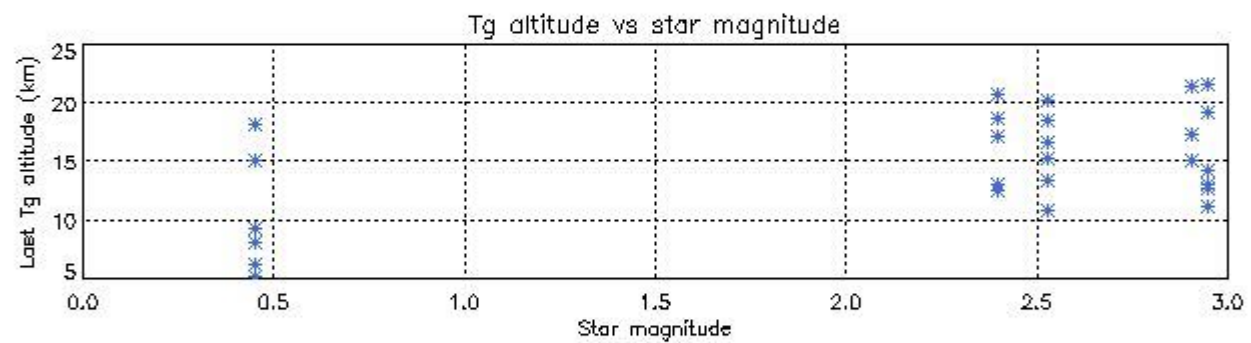
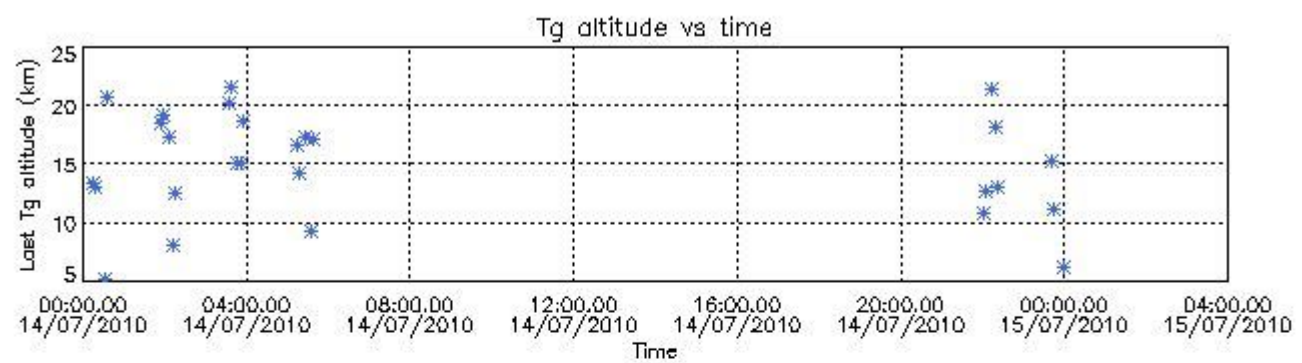
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.881	18.498	13.520
St. deviation:	4.5037	4.3072	3.6229
Maximum:	21.654	27.507	16.386
Minimum:	5.1389	4.2313	7.9466
Number of data:	27.000	56.000	9.0000

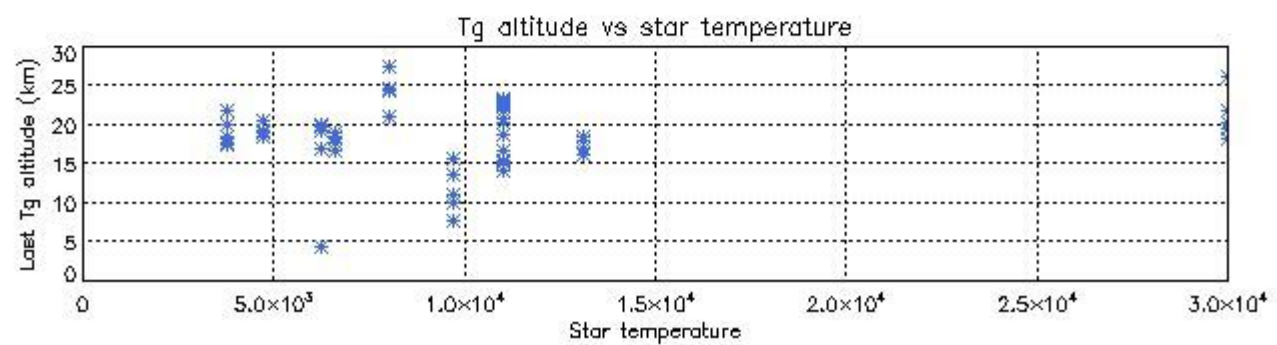
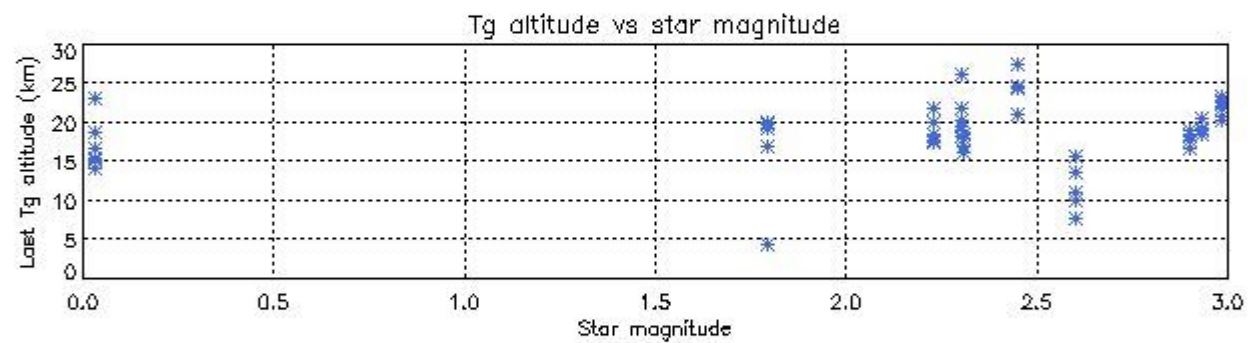
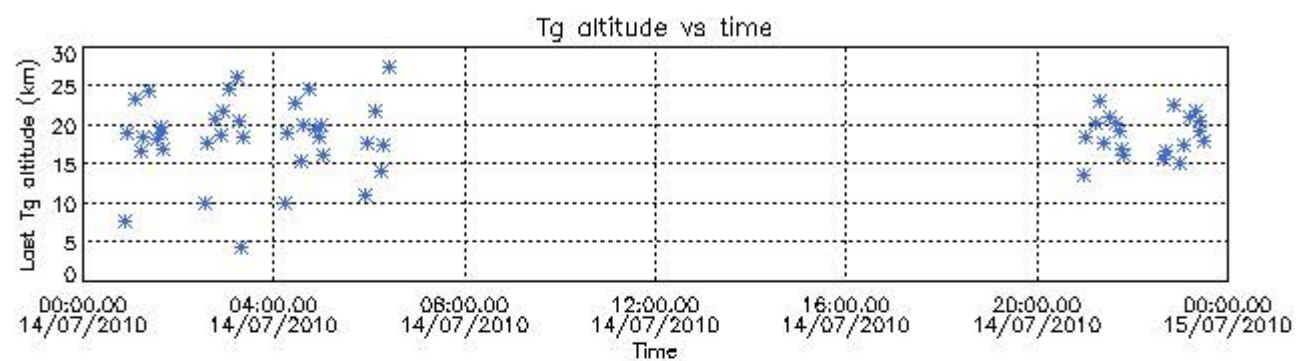
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



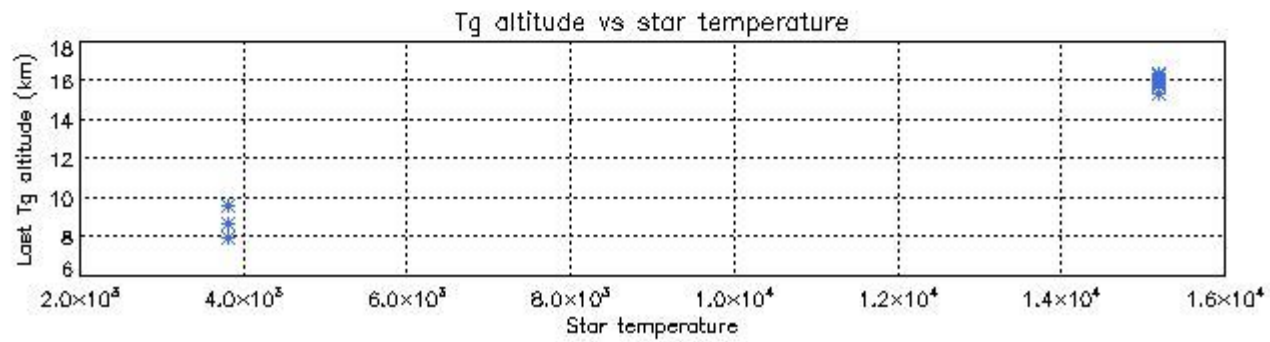
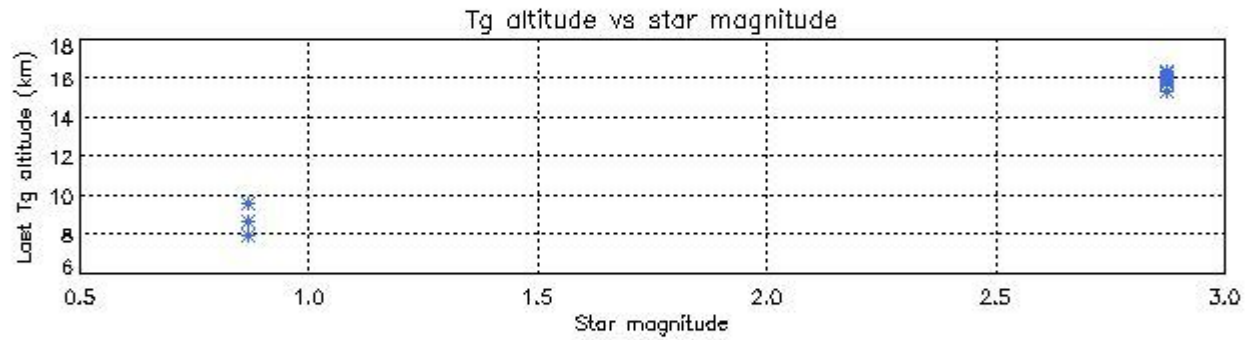
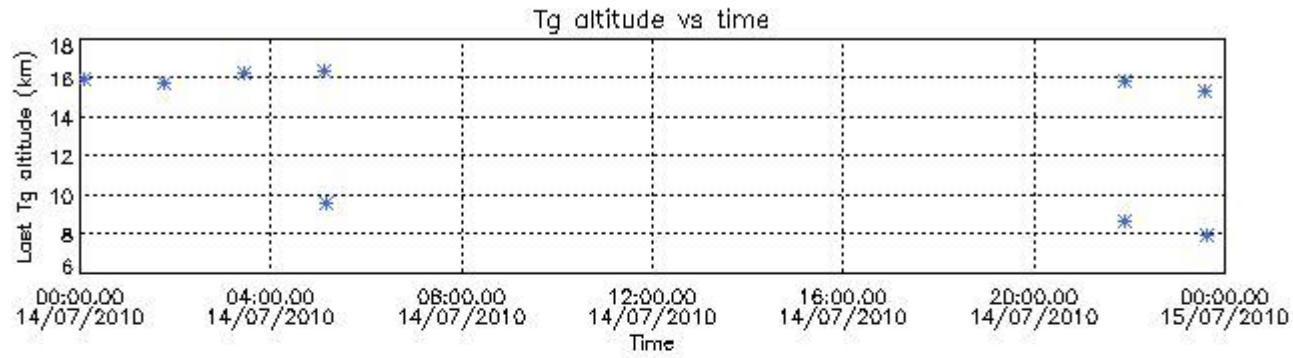
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

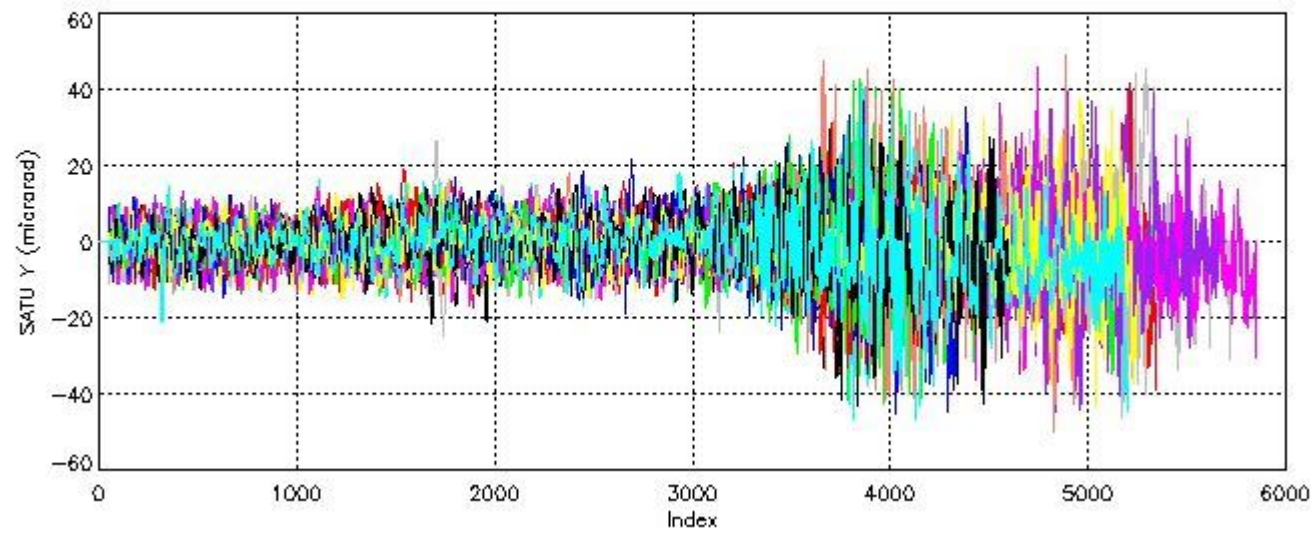
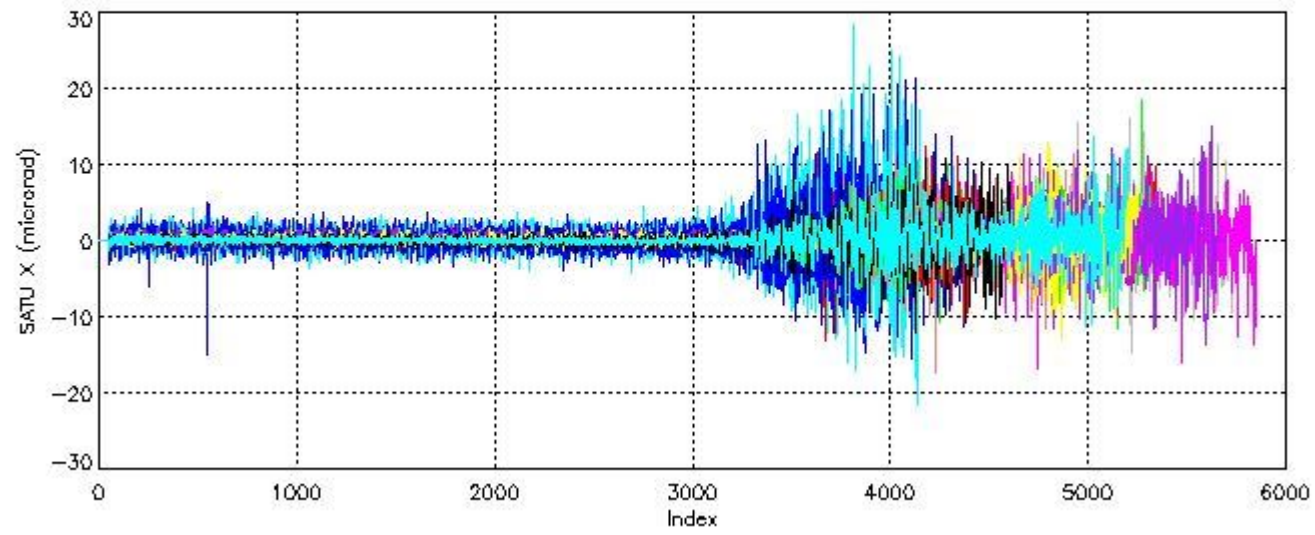


7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



7.2 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 (in microradians) 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.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.13511	-0.61563	0.17859	-0.51960
St. deviation:	0.47528	4.0673	0.79424	3.9406
Maximum:	5.0000	14.500	6.7000	17.000
Minimum:	-15.000	-21.300	-6.2000	-17.200

Number of data:	27850.	27850.	54550.	54550.
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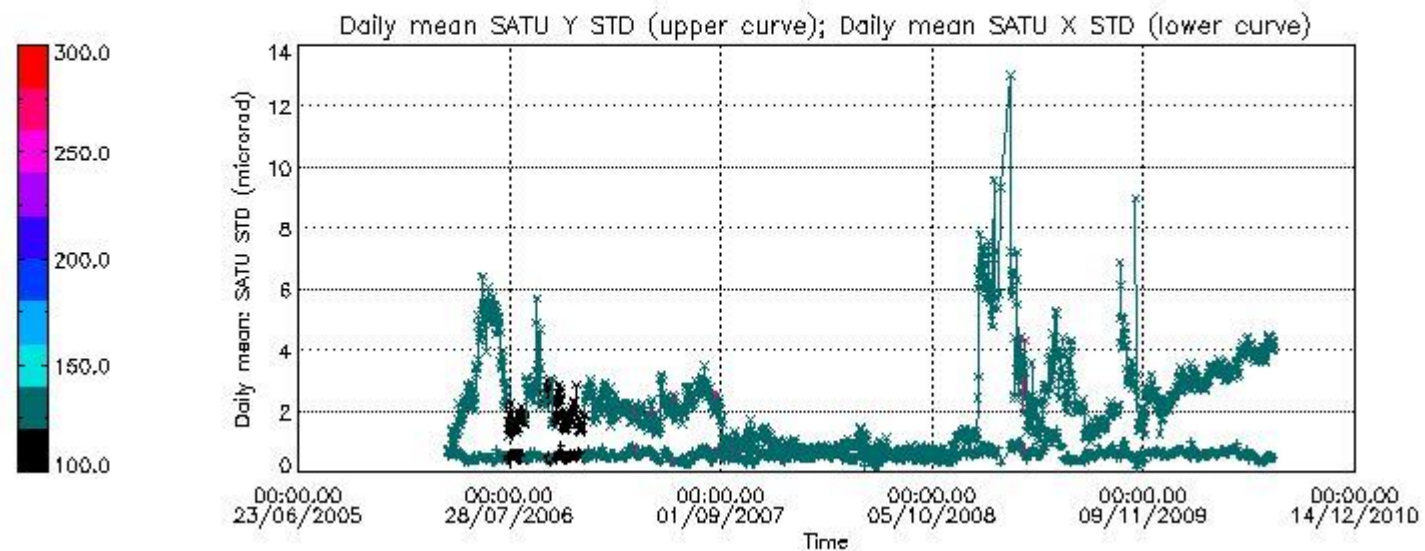
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis

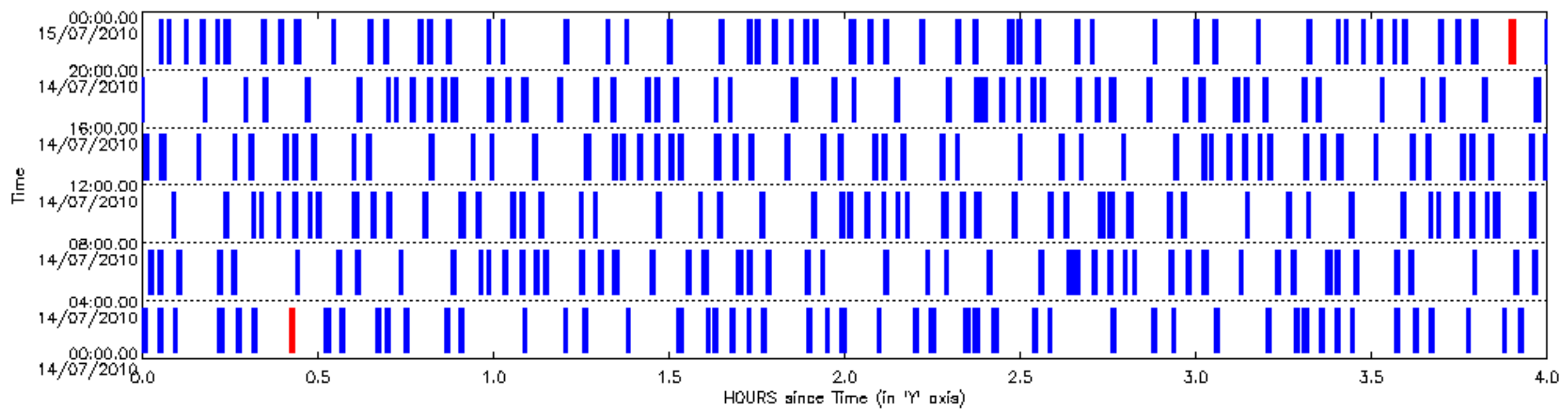
Lower curve: STD of SATU X axis

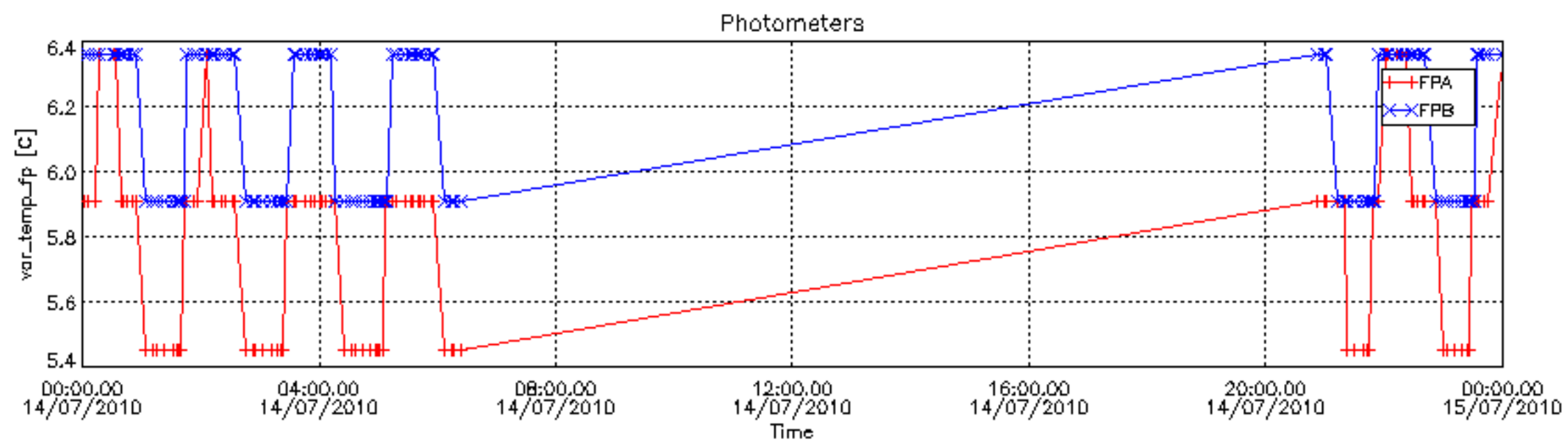
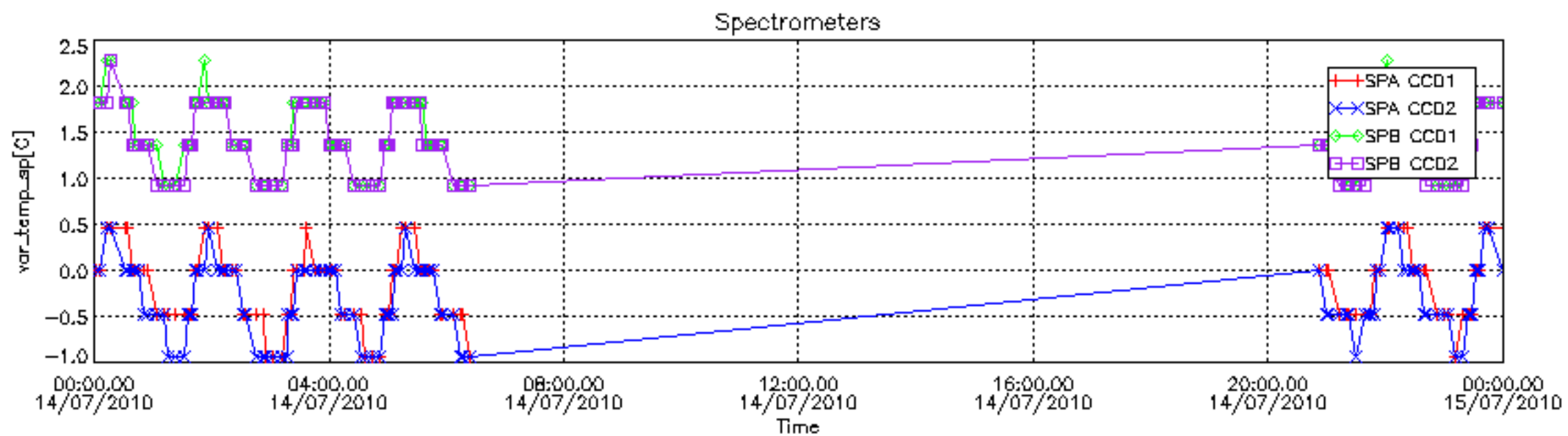


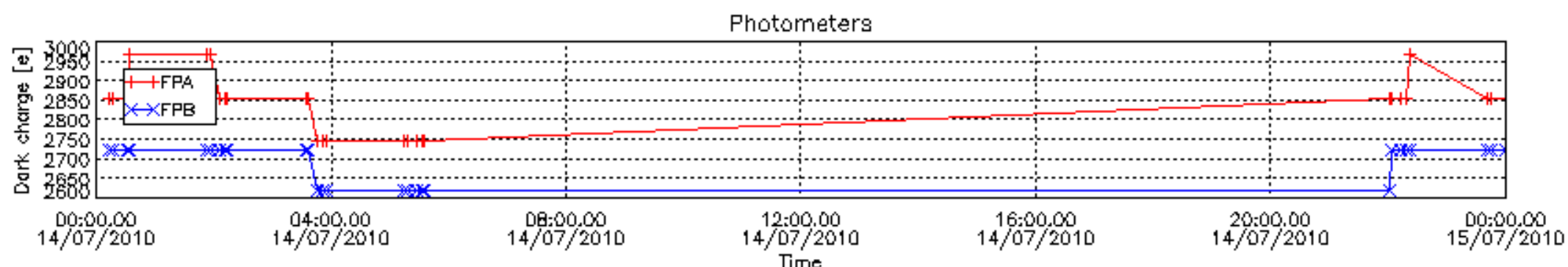
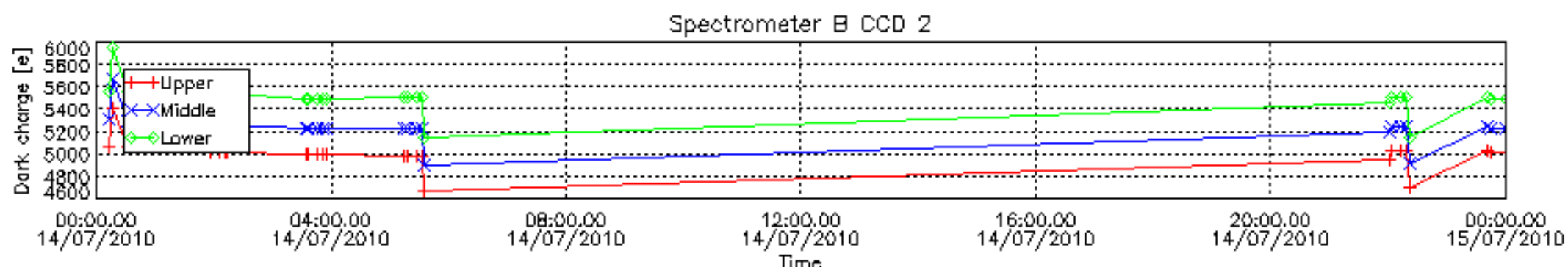
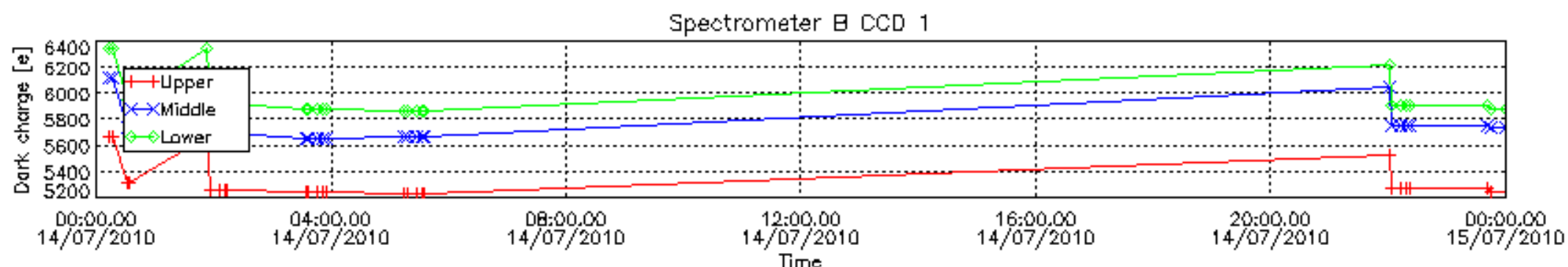
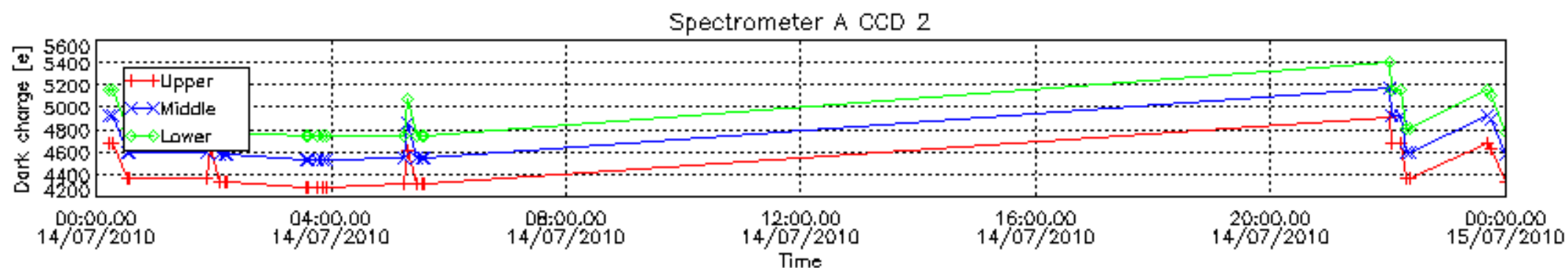
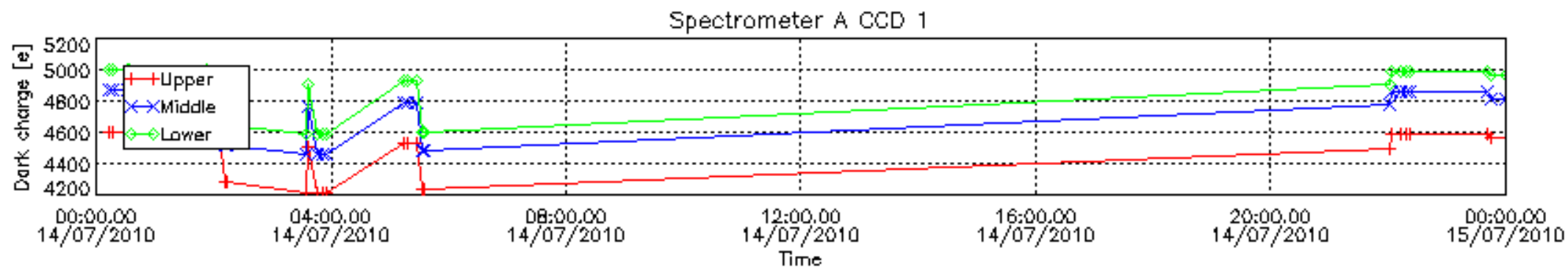
8. Auxiliary Data Files used for the production reported in section 2.4

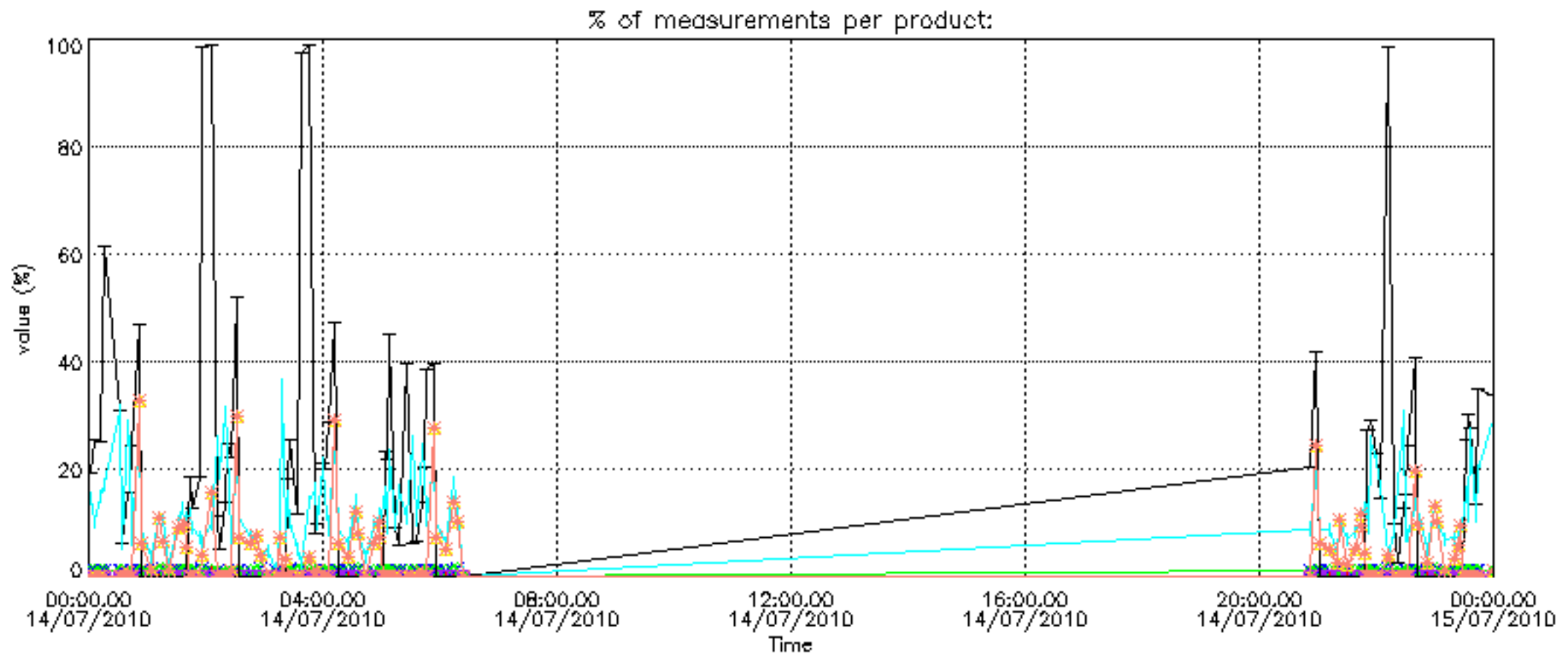
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUL-2010 00:02:37
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100706_092041_20100704_000000_20500101_000000	1	14-JUL-2010 00:02:37
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100714_082217_20100712_000000_20500101_000000	77	14-JUL-2010 20:51:54
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	14-JUL-2010 00:02:37
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	14-JUL-2010 00:02:37
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	14-JUL-2010 00:02:37
ECMWF_FILE	AUX_ECF_AXNECM20100713_055909_20100713_210000_20100714_090000	1	14-JUL-2010 00:02:37
ECMWF_FILE	AUX_ECF_AXNECM20100713_171909_20100714_030000_20100714_150000	36	14-JUL-2010 03:11:57
ECMWF_FILE	AUX_ECA_AXNECM20100714_052114_20100713_210000_20100714_090000	56	14-JUL-2010 04:52:33
ECMWF_FILE	AUX_ECF_AXNECM20100714_052115_20100714_150000_20100715_030000	77	14-JUL-2010 20:51:54
ECMWF_FILE	AUX_ECF_AXNECM20100714_054115_20100714_210000_20100715_090000	92	14-JUL-2010 22:03:53
OPTIONAL_ECMWF_FILE	MISSING	1	14-JUL-2010 00:02:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100713_223154_000060572091_00115_43756_0742.N1	1	14-JUL-2010 00:02:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100714_001251_000057382091_00116_43757_0743.N1	5	14-JUL-2010 00:31:04
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100713_091907_20100712_195837_20100722_212452	23	14-JUL-2010 01:56:36
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100714_030811_000057382091_00118_43759_0745.N1	36	14-JUL-2010 03:11:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100714_044908_000057382091_00119_43760_0746.N1	56	14-JUL-2010 04:52:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100714_205049_000038252091_00129_43770_0747.N1	77	14-JUL-2010 20:51:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100714_215954_000057382091_00129_43770_0748.N1	92	14-JUL-2010 22:03:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100714_234051_000057382091_00130_43771_0749.N1	113	14-JUL-2010 23:44:30

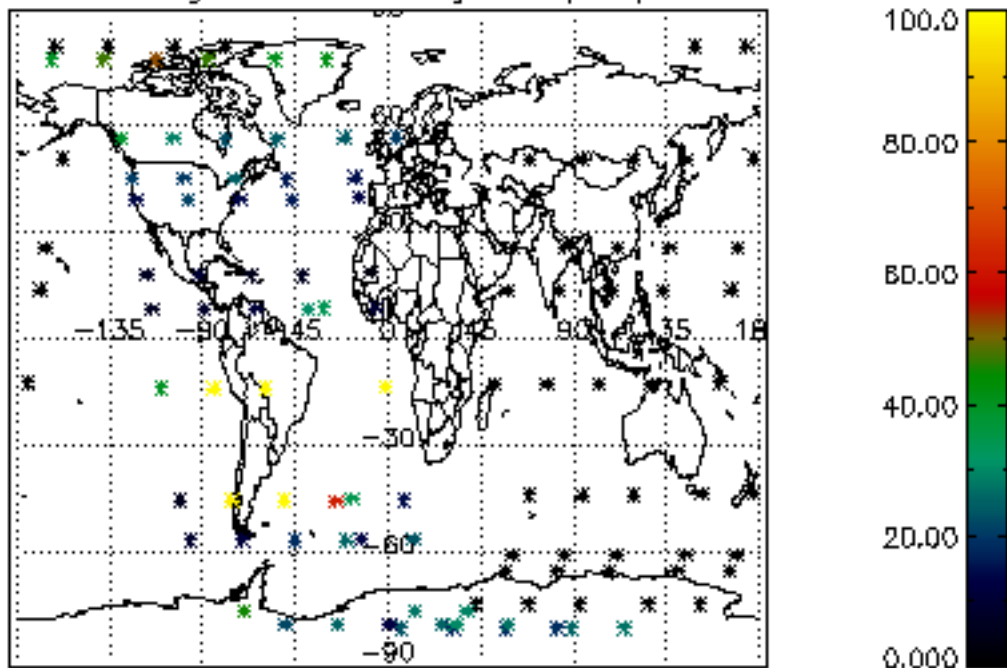




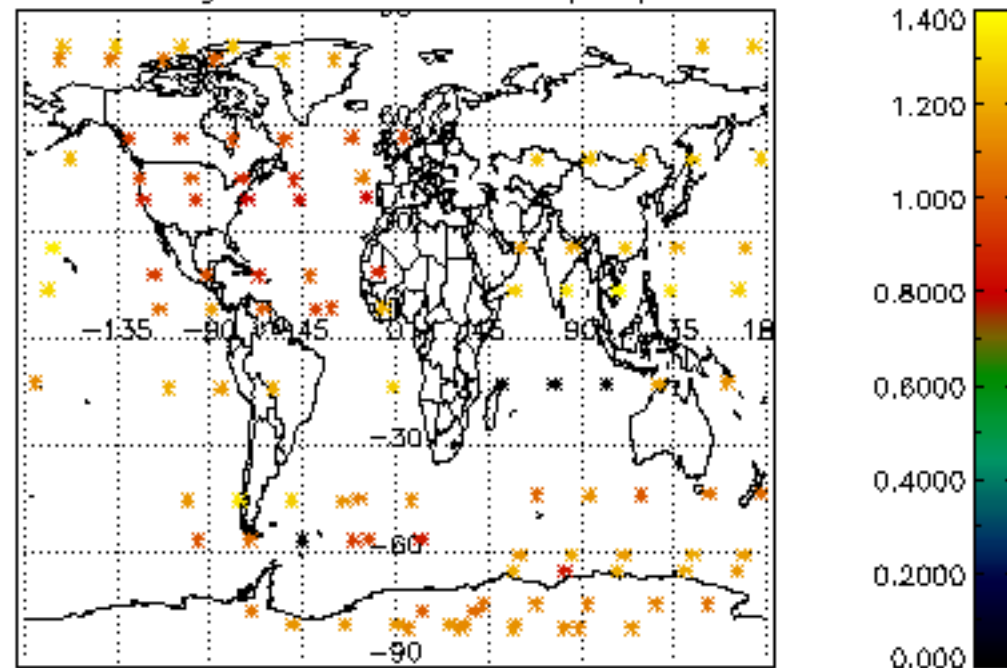




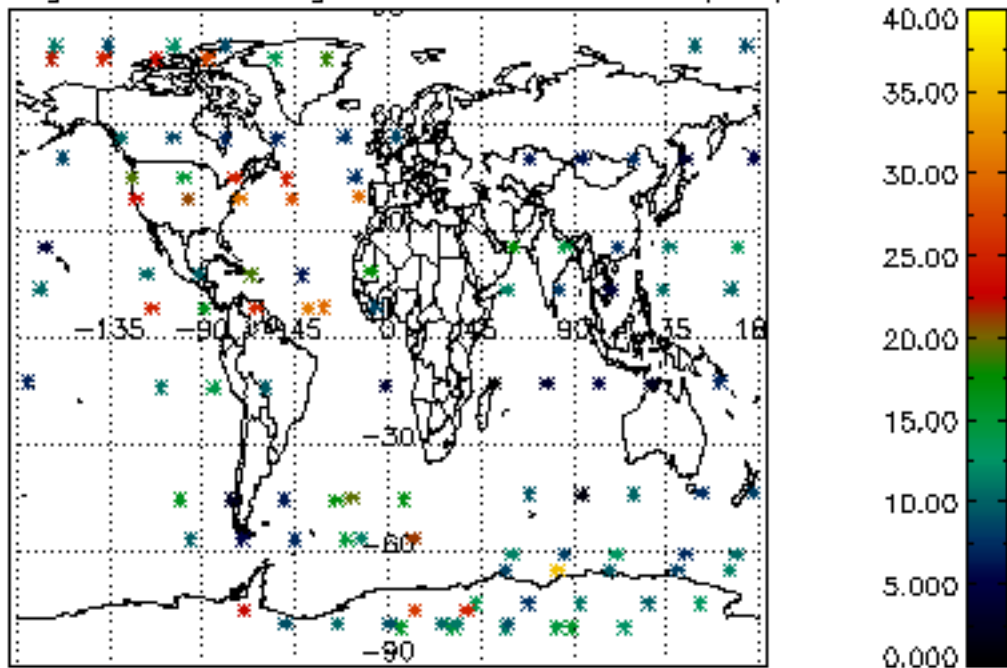
Percentage of cosmic ray hits per profile



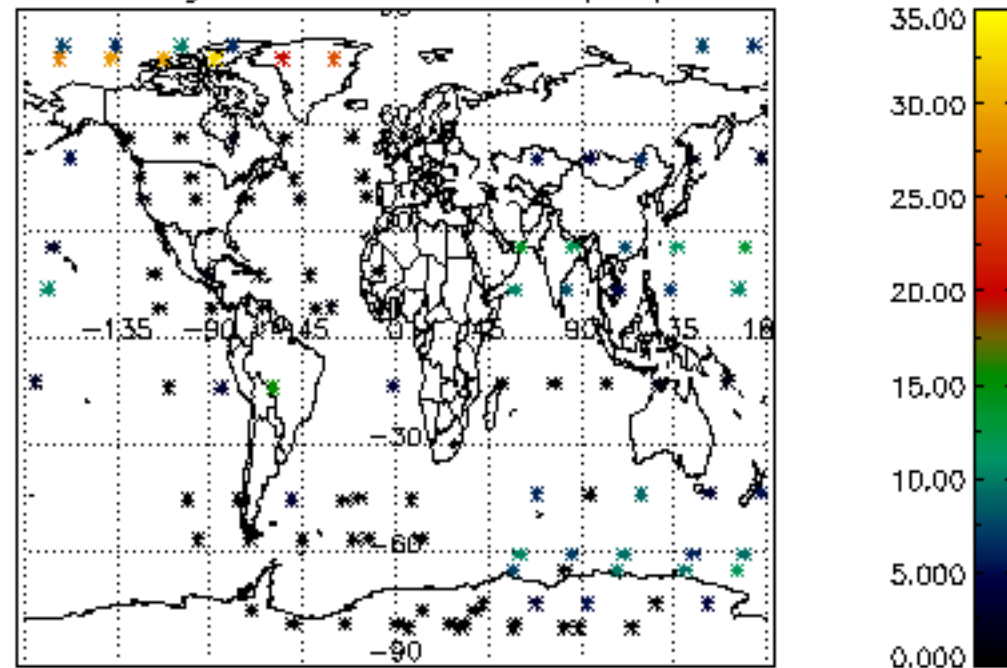
Percentage of datation errors per profile



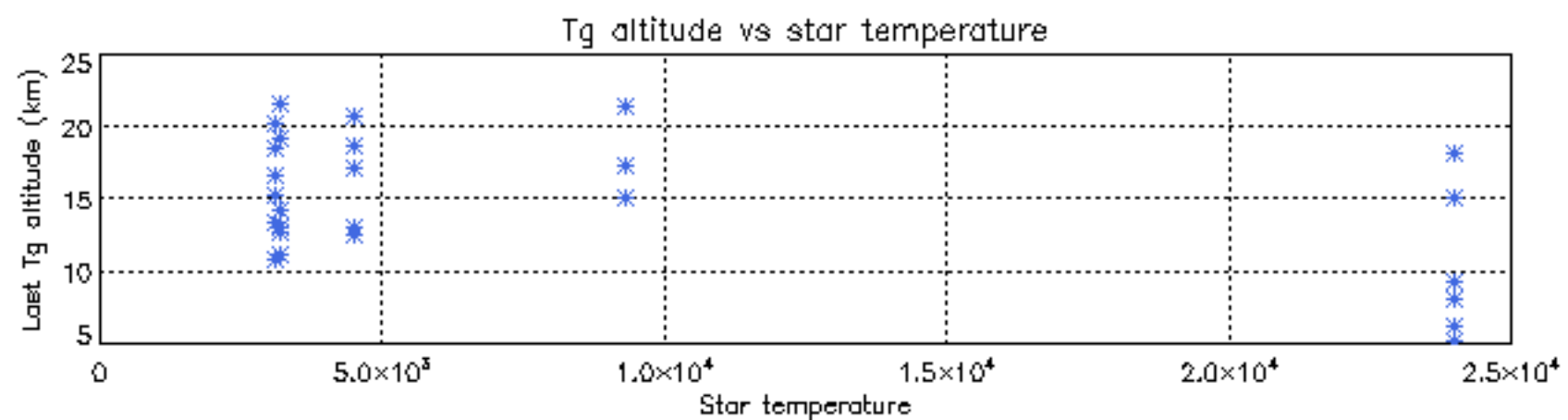
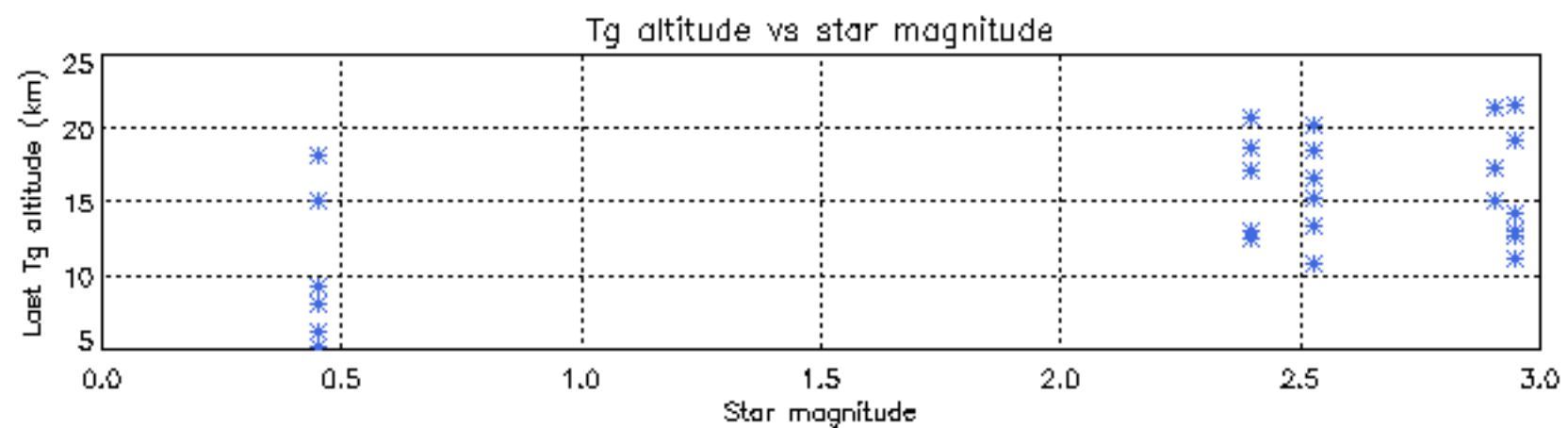
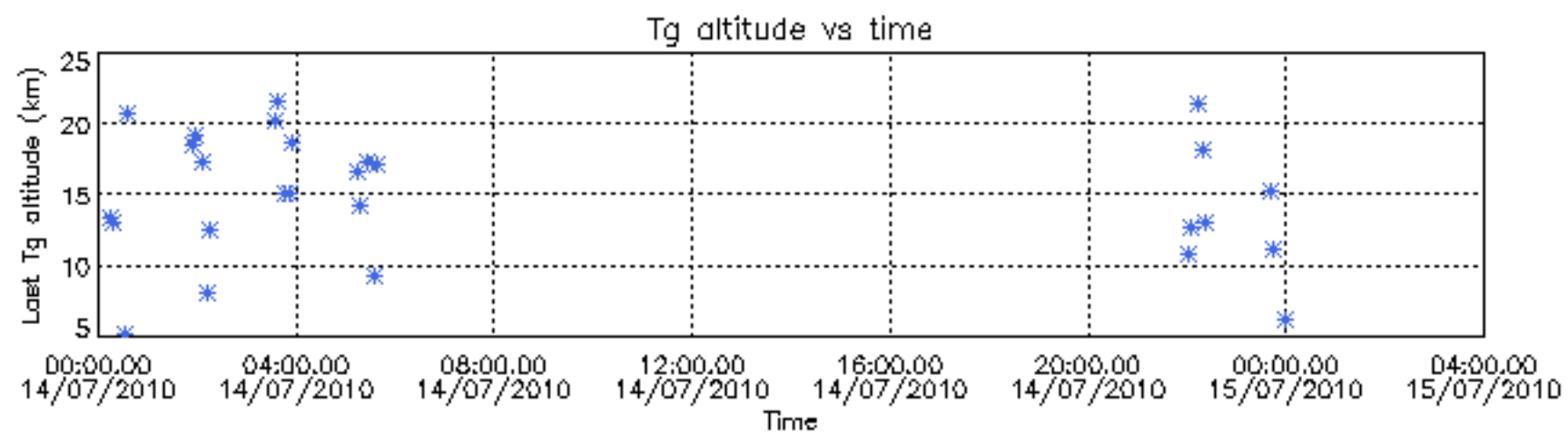
Percentage of star falling outside central band per profile



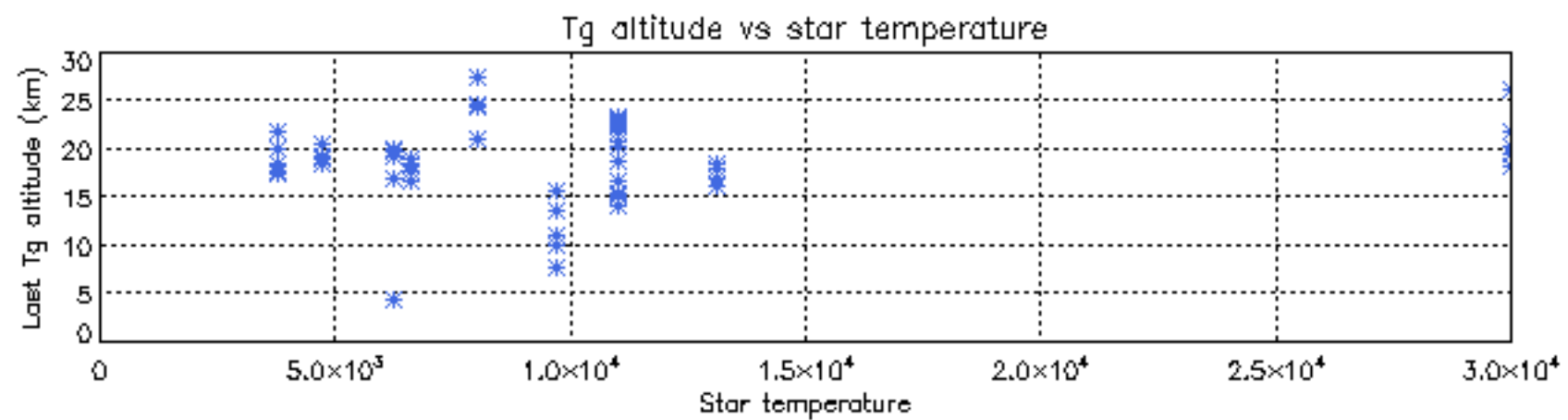
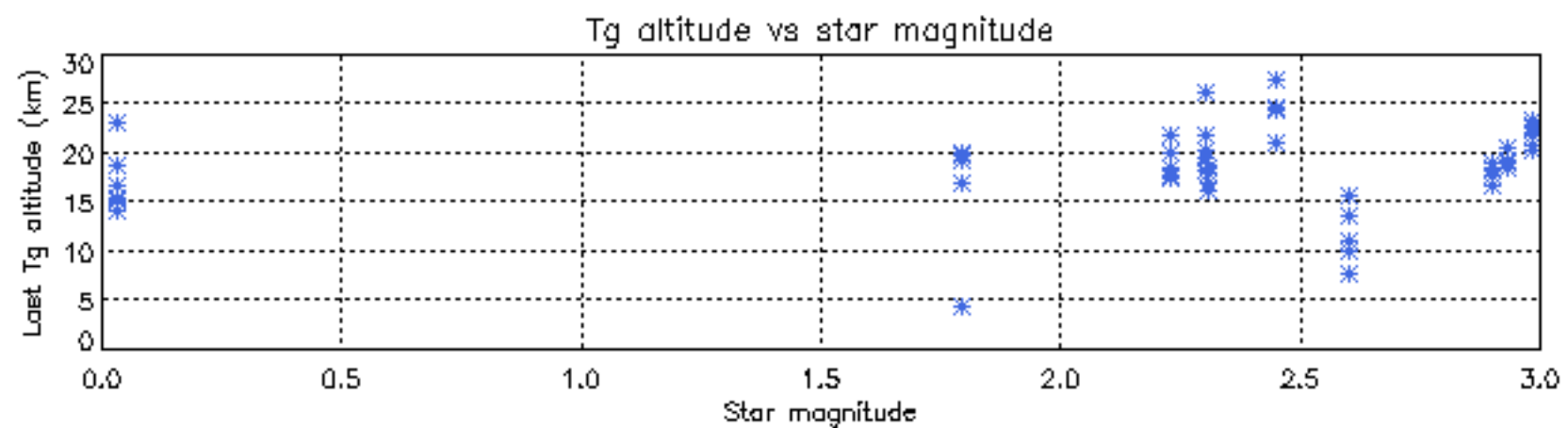
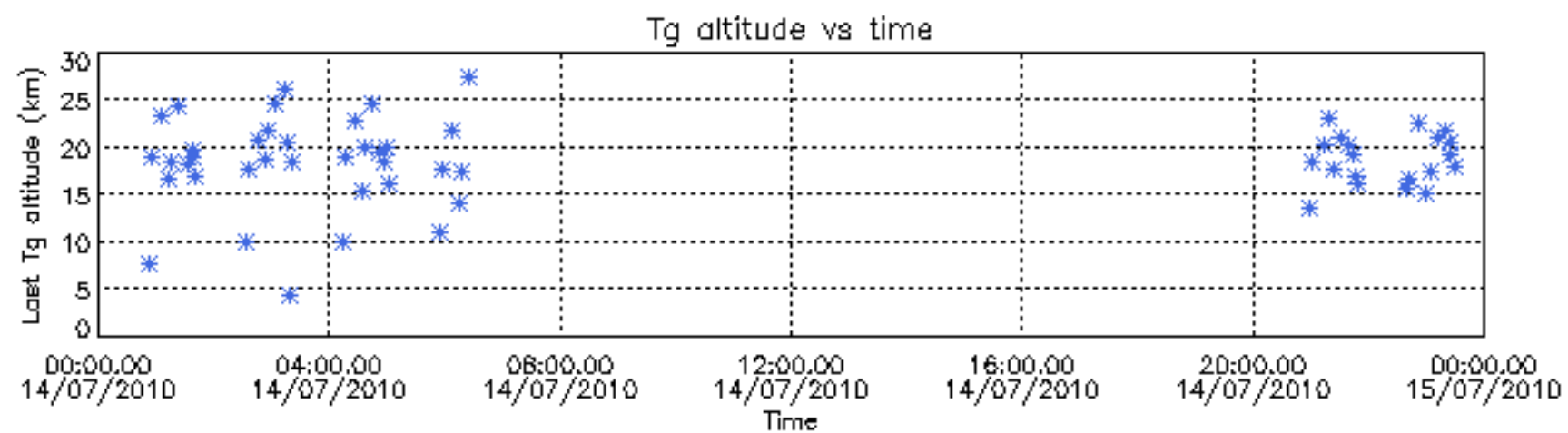
Percentage of saturation errors per profile



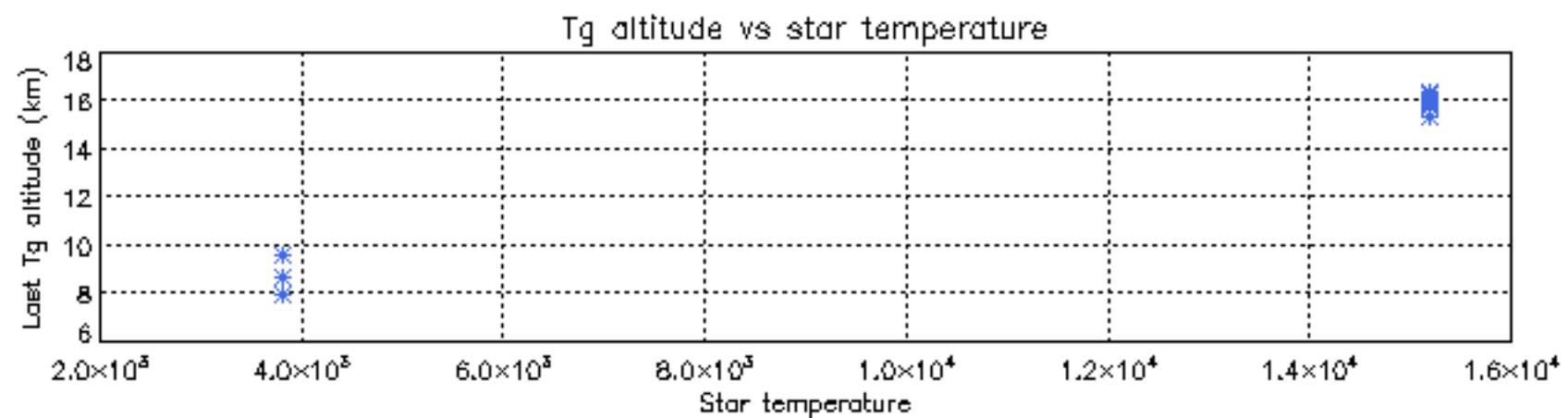
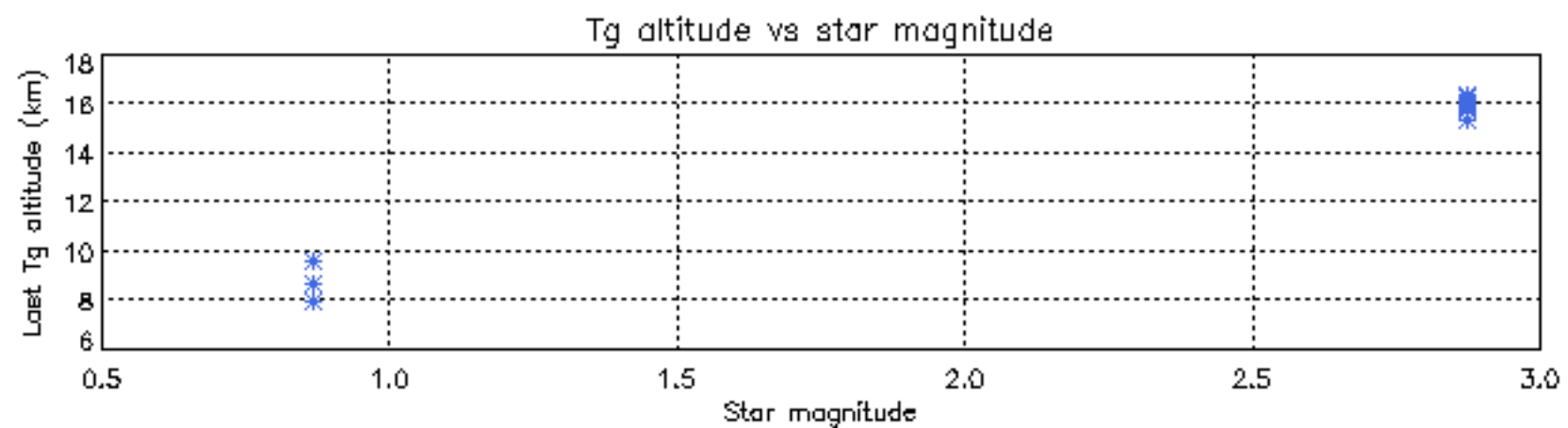
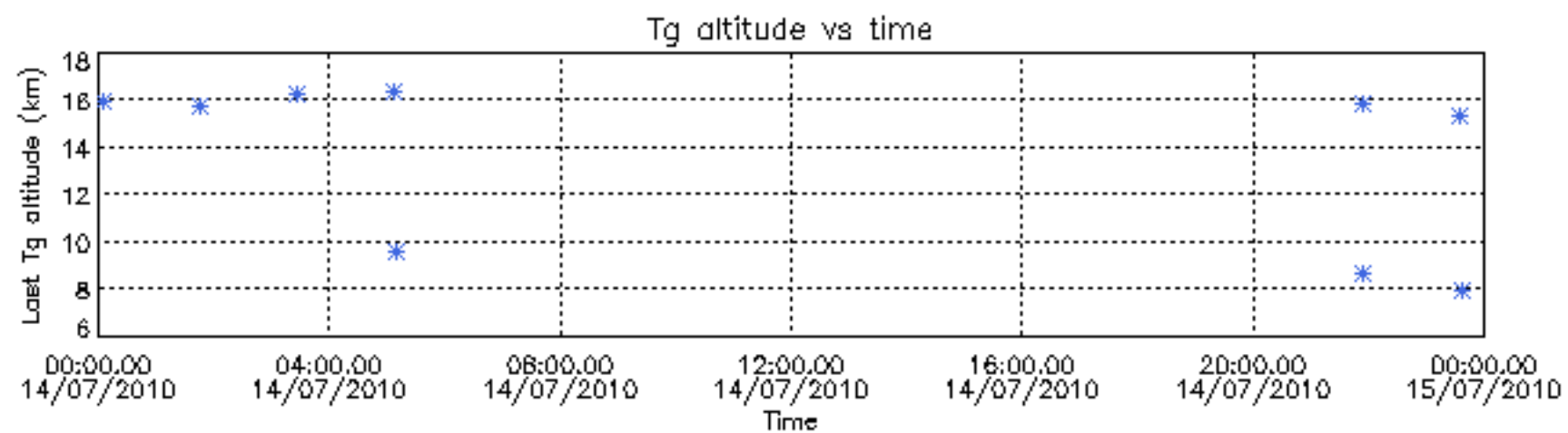
Tangent altitude at which the star is lost

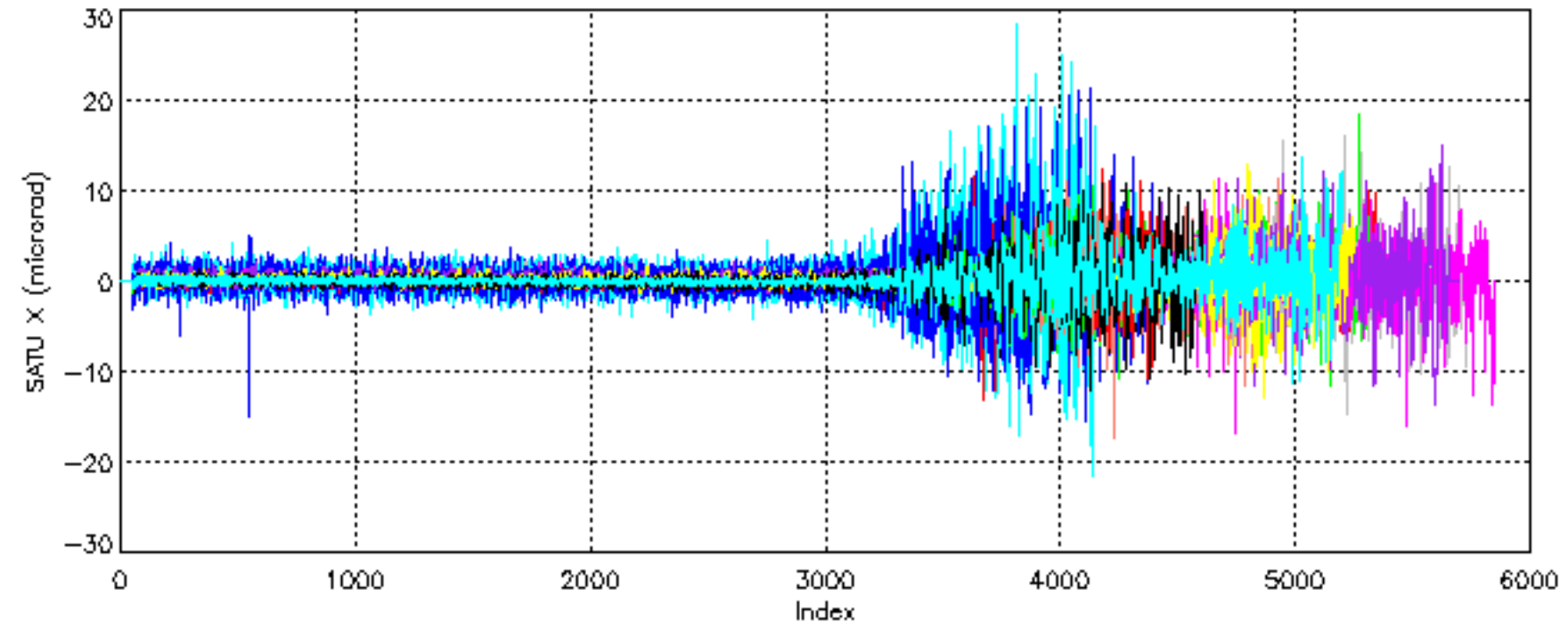


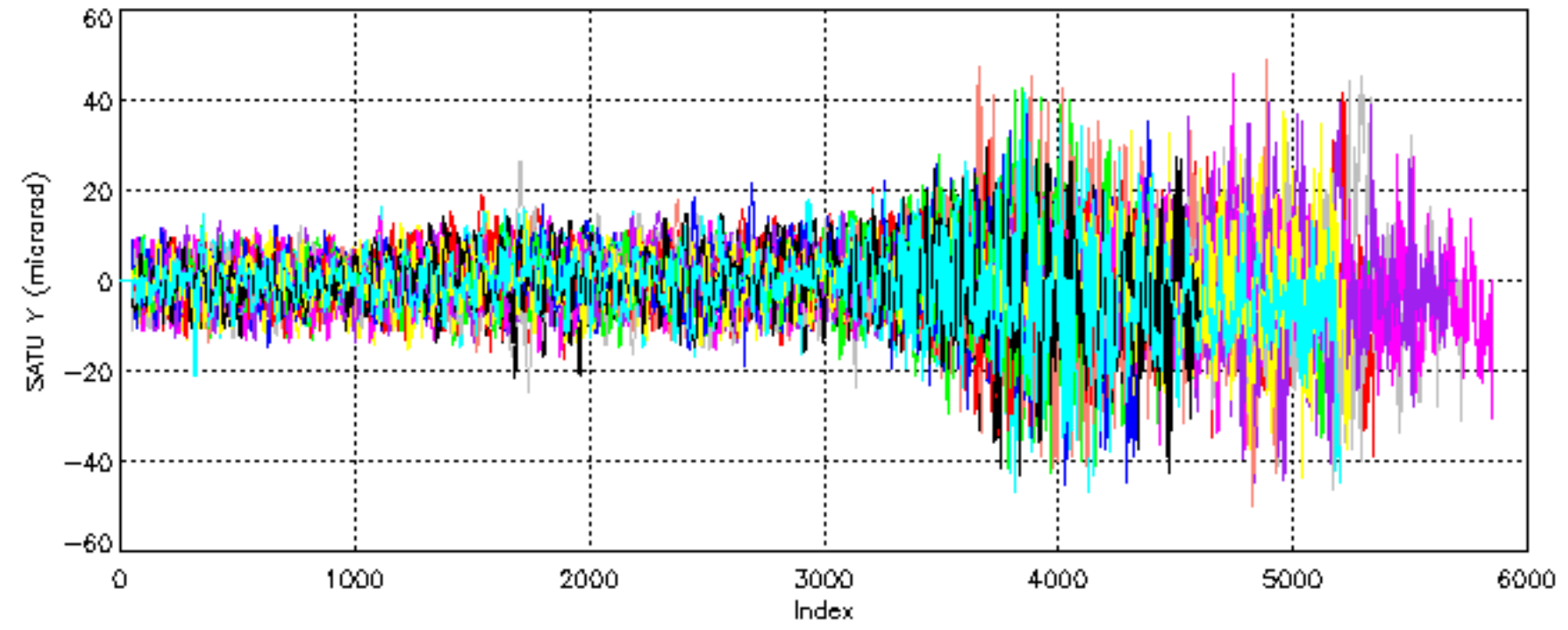
Tangent altitude at which the star is lost

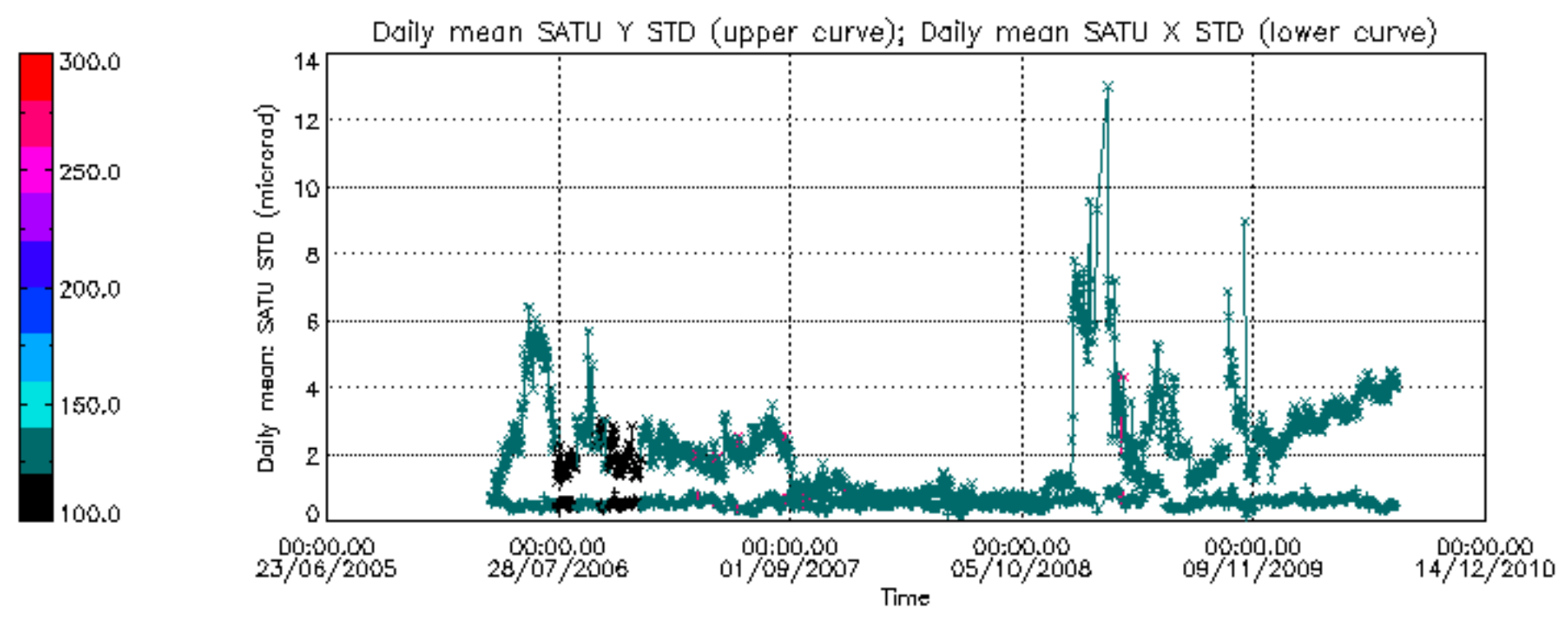


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_002828_000055612090_00431_43571_0355.N1

1; -536.4; 01-JUL-2010 00:28:28; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43571
 2; 94.6; 01-JUL-2010 00:38:59; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;43572
 3; 483.7; 01-JUL-2010 00:45:28; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;43572
 4; 600.1; 01-JUL-2010 00:47:24; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;43572
 5; 743.9; 01-JUL-2010 00:49:48; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43572
 6; 1314.0; 01-JUL-2010 00:59:18; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;43572
 7; 1480.2; 01-JUL-2010 01:02:04; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43572
 8; 1981.6; 01-JUL-2010 01:10:26; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;43572
 9; 2121.8; 01-JUL-2010 01:12:46; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43572
 10; 2233.6; 01-JUL-2010 01:14:38; Bright; 47.5; 168; 17Zet Aql ; 2.99; 11000;occ; 95; 0;43572
 11; 2652.9; 01-JUL-2010 01:21:37; Bright; 41.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 82; 0;43572
 12; 2809.4; 01-JUL-2010 01:24:14; Bright; 36.0; 130; 23Bet Dra ; 2.80; 5800;occ; 72; 0;43572
 13; 2925.2; 01-JUL-2010 01:26:09; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43572
 14; 3345.6; 01-JUL-2010 01:33:10; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43572
 15; 3786.1; 01-JUL-2010 01:40:30; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;43572
 16; 3888.2; 01-JUL-2010 01:42:12; Bright; 50.0; 68; 18Alp Cas ; 2.22; 4500;occ; 100; 0;43572
 17; 4062.4; 01-JUL-2010 01:45:07; Bright; 56.0; 160; 23Gam Per ; 2.93; 4700;occ; 112; 0;43572
 18; 4266.8; 01-JUL-2010 01:48:31; Bright; 46.0; 73; 57Gam1And ; 2.26; 13100;occ; 92; 0;43572
 19; 4424.1; 01-JUL-2010 01:51:08; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;43572
 20; 4678.5; 01-JUL-2010 01:55:23; Dark ; 60.5; 50; 13Alp Ari ; 2.01; 4250;occ; 121; 0;43572
 21; 4976.2; 01-JUL-2010 02:00:20; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;43572

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1; -535.5; 01-JUL-2010 02:09:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43572
 2; 95.3; 01-JUL-2010 02:19:35; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;43573
 3; 484.4; 01-JUL-2010 02:26:04; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43573
 4; 601.0; 01-JUL-2010 02:28:01; Dark ; 55.0; 31; Alp Gru ; 1.73; 15200;occ; 110; 0;43573
 5; 744.6; 01-JUL-2010 02:30:25; Dark ; 46.5; 45; Alp Pav ; 1.94; 26000;occ; 93; 0;43573
 6; 1314.3; 01-JUL-2010 02:39:54; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43573
 7; 1480.5; 01-JUL-2010 02:42:41; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43573
 8; 1982.0; 01-JUL-2010 02:51:02; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43573
 9; 2121.7; 01-JUL-2010 02:53:22; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43573
 10; 2233.3; 01-JUL-2010 02:55:13; Bright; 49.5; 168; 17Zet Aql ; 2.99; 11000;occ; 99; 0;43573
 11; 2652.5; 01-JUL-2010 03:02:13; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;43573
 12; 2809.3; 01-JUL-2010 03:04:49; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;43573
 13; 2924.7; 01-JUL-2010 03:06:45; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43573
 14; 3344.9; 01-JUL-2010 03:13:45; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43573

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1;-2250.0; 01-JUL-2010 03:21:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43573
 2;-2148.4; 01-JUL-2010 03:22:48; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43573
 3;-1973.6; 01-JUL-2010 03:25:42; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;43573
 4;-1769.2; 01-JUL-2010 03:29:07; Bright; 65.0; 73; 57Gam1And ; 2.26; 13100;occ; 130; 0;43573
 5;-1611.6; 01-JUL-2010 03:31:44; Dark ; 50.5; 173; 4Bet Tri ; 3.00; 8900;occ; 101; 0;43573
 6;-1357.0; 01-JUL-2010 03:35:59; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43573
 7;-1059.7; 01-JUL-2010 03:40:56; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;43573
 8; -534.6; 01-JUL-2010 03:49:41; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43573
 9; 96.5; 01-JUL-2010 04:00:13; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;43574
 10; 485.6; 01-JUL-2010 04:06:42; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43574
 11; 602.3; 01-JUL-2010 04:08:38; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43574
 12; 744.8; 01-JUL-2010 04:11:01; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43574
 13; 1314.7; 01-JUL-2010 04:20:31; Dark ; 45.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 90; 0;43574
 14; 1388.9; 01-JUL-2010 04:21:45; Bright; 45.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 90; 0;43574
 15; 1480.4; 01-JUL-2010 04:23:16; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43574
 16; 1981.9; 01-JUL-2010 04:31:38; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43574
 17; 2121.8; 01-JUL-2010 04:33:58; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43574
 18; 2232.8; 01-JUL-2010 04:35:49; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43574
 19; 2652.2; 01-JUL-2010 04:42:48; Bright; 44.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 89; 0;43574
 20; 2809.2; 01-JUL-2010 04:45:25; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800;occ; 73; 0;43574
 21; 2923.6; 01-JUL-2010 04:47:20; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43574
 22; 3344.5; 01-JUL-2010 04:54:21; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43574

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1;-2250.4; 01-JUL-2010 05:01:42; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43574
 2;-2148.9; 01-JUL-2010 05:03:23; Bright; 69.0; 68; 18Alp Cas ; 2.22; 4500;occ; 138; 0;43574
 3;-1973.4; 01-JUL-2010 05:06:19; Bright; 36.0; 160; 23Gam Per ; 2.93; 4700;occ; 72; 0;43574
 4;-1769.5; 01-JUL-2010 05:09:43; Bright; 48.0; 73; 57Gam1And ; 2.26; 13100;occ; 96; 0;43574
 5;-1611.5; 01-JUL-2010 05:12:21; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;43574
 6;-1356.8; 01-JUL-2010 05:16:35; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43574
 7;-1059.1; 01-JUL-2010 05:21:33; Dark ; 44.5; 94; 92Alp Cet ; 2.53; 3100;occ; 89; 0;43574

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8; -533.7; 01-JUL-2010 05:30:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43574
9; 97.7; 01-JUL-2010 05:40:50; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43575
10; 486.8; 01-JUL-2010 05:47:19; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43575
11; 602.8; 01-JUL-2010 05:49:15; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;43575
12; 745.4; 01-JUL-2010 05:51:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43575
13; 1314.8; 01-JUL-2010 06:01:07; Dark ; 45.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 91; 0;43575
14; 1389.0; 01-JUL-2010 06:02:21; Bright; 44.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 89; 0;43575
15; 1480.9; 01-JUL-2010 06:03:53; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43575
16; 1982.2; 01-JUL-2010 06:12:14; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43575
17; 2121.9; 01-JUL-2010 06:14:34; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43575
18; 2232.3; 01-JUL-2010 06:16:24; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43575
19; 2651.8; 01-JUL-2010 06:23:24; Bright; 45.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 90; 0;43575
20; 2808.8; 01-JUL-2010 06:26:01; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;43575
21; 2923.1; 01-JUL-2010 06:27:55; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43575
22; 3343.8; 01-JUL-2010 06:34:56; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43575
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1; -2250.9; 01-JUL-2010 06:42:17; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43575
2; -2149.1; 01-JUL-2010 06:43:59; Bright; 51.0; 68; 18Alp Cas ; 2.22; 4500;occ; 102; 0;43575
3; -1973.8; 01-JUL-2010 06:46:54; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;43575
4; -1769.3; 01-JUL-2010 06:50:19; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43575
5; -1611.1; 01-JUL-2010 06:52:57; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43575
6; -1356.0; 01-JUL-2010 06:57:12; Dark ; 56.5; 50; 13Alp Ari ; 2.01; 4250;occ; 113; 0;43575
7; -1058.6; 01-JUL-2010 07:02:09; Dark ; 49.0; 94; 92Alp Cet ; 2.53; 3100;occ; 98; 0;43575
8; -532.8; 01-JUL-2010 07:10:55; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43575
9; 98.8; 01-JUL-2010 07:21:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;43576
10; 487.4; 01-JUL-2010 07:27:55; Dark ; 65.0; 63; Bet Gru ; 2.15; 2800;occ; 130; 0;43576
11; 604.0; 01-JUL-2010 07:29:52; Dark ; 59.5; 31; Alp Gru ; 1.73; 15200;occ; 119; 0;43576
12; 745.9; 01-JUL-2010 07:32:14; Dark ; 49.0; 45; Alp Pav ; 1.94; 26000;occ; 98; 0;43576
13; 1315.1; 01-JUL-2010 07:41:43; Dark ; 48.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 97; 0;43576
14; 1389.2; 01-JUL-2010 07:42:57; Bright; 44.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 88; 0;43576
15; 1481.1; 01-JUL-2010 07:44:29; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43576
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1; 1982.2; 01-JUL-2010 07:52:50; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;43576
2; 2122.1; 01-JUL-2010 07:55:10; Bright; 54.0; 59; 55Alp Oph ; 2.08; 8900;occ; 108; 0;43576
3; 2231.8; 01-JUL-2010 07:57:00; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43576
4; 2651.5; 01-JUL-2010 08:03:59; Bright; 48.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 96; 0;43576
5; 2808.8; 01-JUL-2010 08:06:37; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;43576
6; 2921.8; 01-JUL-2010 08:08:30; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43576
7; 3343.1; 01-JUL-2010 08:15:31; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43576
8; 3784.4; 01-JUL-2010 08:22:52; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43576
9; 3876.7; 01-JUL-2010 08:24:25; Bright; 43.5; 110; 37Del Cas ; 2.68; 8900;occ; 87; 0;43576
10; 4062.2; 01-JUL-2010 08:27:30; Bright; 55.0; 160; 23Gam Per ; 2.93; 4700;occ; 110; 0;43576
11; 4165.5; 01-JUL-2010 08:29:14; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;43576
12; 4266.5; 01-JUL-2010 08:30:54; Bright; 49.5; 73; 57Gam1And ; 2.26; 13100;occ; 99; 0;43576
13; 4424.9; 01-JUL-2010 08:33:33; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43576
14; 4679.9; 01-JUL-2010 08:37:48; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43576
15; 4978.0; 01-JUL-2010 08:42:46; Dark ; 47.5; 94; 92Alp Cet ; 2.53; 3100;occ; 95; 0;43576
16; 5504.0; 01-JUL-2010 08:51:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43576
17; 6135.8; 01-JUL-2010 09:02:04; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;43577
18; 6524.4; 01-JUL-2010 09:08:32; Dark ; 64.0; 63; Bet Gru ; 2.15; 2800;occ; 128; 0;43577
19; 6640.2; 01-JUL-2010 09:10:28; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43577
20; 6782.3; 01-JUL-2010 09:12:50; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43577
21; 7351.5; 01-JUL-2010 09:22:20; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43577
22; 7425.5; 01-JUL-2010 09:23:34; Bright; 48.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 96; 0;43577
23; 7516.9; 01-JUL-2010 09:25:05; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43577
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1; 1482.7; 01-JUL-2010 21:09:18; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43584
2; 2227.2; 01-JUL-2010 21:21:43; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43584
3; 2647.3; 01-JUL-2010 21:28:43; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43584
4; 2914.8; 01-JUL-2010 21:33:10; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43584
5; 3132.5; 01-JUL-2010 21:36:48; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43584
6; 3337.8; 01-JUL-2010 21:40:13; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43584
7; 3780.4; 01-JUL-2010 21:47:36; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43584
8; 3874.3; 01-JUL-2010 21:49:10; Bright; 40.5; 110; 37Del Cas ; 2.68; 8900;occ; 81; 0;43584
9; 4265.9; 01-JUL-2010 21:55:41; Bright; 47.5; 73; 57Gam1And ; 2.26; 13100;occ; 95; 0;43584
10; 4419.5; 01-JUL-2010 21:58:15; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43584
11; 4682.4; 01-JUL-2010 22:02:38; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43584
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_221626_000052662090_00444_43584_0360.N1

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1; -524.9; 01-JUL-2010 22:16:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43584
2; -153.9; 01-JUL-2010 22:22:37; Dark ; 91.0; 52; 16Bet Cet ; 2.04; 4500;occ; 182; 0;43584
3; 107.7; 01-JUL-2010 22:26:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43585
4; 496.2; 01-JUL-2010 22:33:28; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43585
5; 596.3; 01-JUL-2010 22:35:08; Dark ; 75.5; 18; 24Alp PsA ; 1.17; 9700;occ; 151; 0;43585
6; 1482.8; 01-JUL-2010 22:49:54; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43585
7; 2226.5; 01-JUL-2010 23:02:18; Bright; 50.0; 168; 17Zet Aql ; 2.99; 11000;occ; 100; 0;43585
8; 2646.7; 01-JUL-2010 23:09:18; Bright; 46.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 92; 0;43585
9; 2914.3; 01-JUL-2010 23:13:46; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43585
10; 3131.4; 01-JUL-2010 23:17:23; Bright; 62.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 124; 0;43585
11; 3336.9; 01-JUL-2010 23:20:48; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43585
12; 3779.4; 01-JUL-2010 23:28:11; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43585
13; 3873.9; 01-JUL-2010 23:29:45; Bright; 42.0; 110; 37Del Cas ; 2.68; 8900;occ; 84; 0;43585
14; 4266.0; 01-JUL-2010 23:36:17; Bright; 54.0; 73; 57Gam1And ; 2.26; 13100;occ; 108; 0;43585
15; 4419.3; 01-JUL-2010 23:38:51; Dark ; 70.0; 53; 43Bet And ; 2.05; 3300;occ; 140; 0;43585
16; 4682.9; 01-JUL-2010 23:43:14; Dark ; 58.5; 50; 13Alp Ari ; 2.01; 4250;occ; 117; 0;43585
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_235703_000052692090_00445_43585_0361.N1
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6; 3776.1; 02-JUL-2010 11:12:19; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43592
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 16; 4710.9; 07-JUL-2010 02:07:25; Dark ; 66.5; 50; 13Alp Ari ; 2.01; 4250;occ; 133; 0;43658
 17; 5017.2; 07-JUL-2010 02:12:31; Dark ; 55.0; 94; 92Alp Cet ; 2.53; 3100;occ; 110; 0;43658

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 3; 186.6; 07-JUL-2010 02:32:37; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43659
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 9; 3044.4; 07-JUL-2010 03:20:14; Bright; 51.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 102; 0;43659
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11; 723.1; 07-JUL-2010 04:22:09; Dark ; 82.5; 18; 24Alp PsA ; 1.17; 9700;occ; 165; 0;43660
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16; 3043.1; 07-JUL-2010 05:00:49; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43660
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5;-1324.5; 07-JUL-2010 05:28:38; Dark ; 71.0; 50; 13Alp Ari ; 2.01; 4250;occ; 142; 0;43660
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16; 3041.8; 07-JUL-2010 06:41:24; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43661
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4; 3281.1; 07-JUL-2010 21:50:47; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43670
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6; 3846.0; 07-JUL-2010 22:00:12; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43670
7; 4258.0; 07-JUL-2010 22:07:04; Bright; 57.5; 73; 57Gam1And ; 2.26; 13100;occ; 115; 0;43670
8; 4418.6; 07-JUL-2010 22:09:44; Dark ; 43.0; 53; 43Bet And ; 2.05; 3300;occ; 86; 0;43670
9; 4715.8; 07-JUL-2010 22:14:41; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43670
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3; 199.3; 07-JUL-2010 22:40:01; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;43671
4; 577.2; 07-JUL-2010 22:46:19; Dark ; 63.0; 63; Bet Gru ; 2.15; 2800;occ; 126; 0;43671
5; 741.1; 07-JUL-2010 22:49:02; Dark ; 82.0; 18; 24Alp PsA ; 1.17; 9700;occ; 164; 0;43671
6; 871.8; 07-JUL-2010 22:51:13; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43671
7; 2189.4; 07-JUL-2010 23:13:11; Bright; 42.0; 168; 17Zet Aql ; 2.99; 11000;occ; 84; 0;43671
8; 2847.5; 07-JUL-2010 23:24:09; Bright; 47.0; 144; 18Del Cyg ; 2.86; 11000;occ; 94; 0;43671
9; 3031.3; 07-JUL-2010 23:27:13; Bright; 55.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 110; 0;43671
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12; 3845.8; 07-JUL-2010 23:40:47; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43671
13; 4257.8; 07-JUL-2010 23:47:39; Bright; 57.0; 73; 57Gam1And ; 2.26; 13100;occ; 114; 0;43671
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4; 578.0; 08-JUL-2010 00:26:55; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43672
5; 742.6; 08-JUL-2010 00:29:40; Dark ; 81.0; 18; 24Alp PsA ; 1.17; 9700;occ; 162; 0;43672
6; 872.2; 08-JUL-2010 00:31:49; Dark ; 55.0; 172; Gam Gru ; 3.00; 13100;occ; 110; 0;43672

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15; 4716.8; 08-JUL-2010 01:35:54; Dark ; 64.0; 50; 13Alp Ari ; 2.01; 4250;occ; 128; 0;43672
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5; 744.3; 08-JUL-2010 02:10:17; Dark ; 79.0; 18; 24Alp PsA ; 1.17; 9700;occ; 158; 0;43673
6; 873.7; 08-JUL-2010 02:12:27; Dark ; 54.5; 172; Gam Gru ; 3.00; 13100;occ; 109; 0;43673
7; 2188.6; 08-JUL-2010 02:34:22; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43673
8; 2846.2; 08-JUL-2010 02:45:19; Bright; 42.5; 144; 18Del Cyg ; 2.86; 11000;occ; 85; 0;43673
9; 3029.0; 08-JUL-2010 02:48:22; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;43673
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12; 875.5; 08-JUL-2010 05:33:41; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43675
13; 2188.1; 08-JUL-2010 05:55:33; Bright; 42.5; 168; 17Zet Aql ; 2.99; 11000;occ; 85; 0;43675
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6; 797.0; 09-JUL-2010 01:39:33; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43687
7; 1345.2; 09-JUL-2010 01:48:42; Dark ; 44.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 89; 0;43687
8; 1501.1; 09-JUL-2010 01:51:17; Bright; 41.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 83; 0;43687
9; 2183.6; 09-JUL-2010 02:02:40; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43687
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5;	649.4;	22-JUL-2010	01:28:30;	Dark	;	42.5;	148;	Alp	Tuc	;	2.88;	4100;	occ;	85;	0;	43873
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7;	833.9;	22-JUL-2010	01:31:34;	Dark	;	54.0;	31;	Alp	Gru	;	1.73;	15200;	occ;	108;	0;	43873
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10;	2570.6;	22-JUL-2010	02:00:31;	Bright;		41.0;	5;	3Alp	Lyr	;	0.03;	11000;	occ;	82;	0;	43873
11;	2738.3;	22-JUL-2010	02:03:19;	Bright;		40.5;	144;	18Del	Cyg	;	2.86;	11000;	occ;	81;	0;	43873
12;	2851.9;	22-JUL-2010	02:05:12;	Bright;		44.0;	19;	50Alp	Cyg	;	1.25;	10500;	occ;	88;	0;	43873
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23;	5884.8;	22-JUL-2010	02:55:45;	Dark	;	43.0;	157;	The1Eri		;	2.91;	9300;	occ;	86;	0;	43873
24;	6245.2;	22-JUL-2010	03:01:46;	Dark	;	53.5;	9;	Alp	Eri	;	0.45;	24000;	occ;	107;	0;	43874
25;	6466.9;	22-JUL-2010	03:05:27;	Dark	;	58.5;	84;	Alp	Phe	;	2.40;	4500;	occ;	117;	0;	43874
26;	6686.0;	22-JUL-2010	03:09:06;	Dark	;	44.0;	148;	Alp	Tuc	;	2.88;	4100;	occ;	88;	0;	43874
27;	6783.9;	22-JUL-2010	03:10:44;	Dark	;	54.5;	63;	Bet	Gru	;	2.15;	2800;	occ;	109;	0;	43874
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5;	4109.0;	22-JUL-2010	04:06:45;	Bright;		63.0;	35;	33Alp	Per	;	1.79;	6250;	occ;	126;	0;	43874
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7;	4481.1;	22-JUL-2010	04:12:57;	Dark	;	44.0;	150;	44Zet	Per	;	2.89;	28000;	occ;	88;	0;	43874
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9;	4741.1;	22-JUL-2010	04:17:17;	Dark	;	51.0;	13;	87Alp	Tau	;	0.87;	3800;	occ;	102;	0;	43874
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14;	6467.8;	22-JUL-2010	04:46:04;	Dark	;	53.5;	84;	Alp	Phe	;	2.40;	4500;	occ;	107;	0;	43875
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 18; 6328.4; 30-JUL-2010 20:38:00; Dark ; 53.5; 9; Alp Eri ; 0.45; 24000;occ; 107; 0;43999
 19; 6606.5; 30-JUL-2010 20:42:39; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;43999
 20; 6944.2; 30-JUL-2010 20:48:16; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43999

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 8;-1136.6; 30-JUL-2010 03:28:12; Dark ; 37.0; 27; 24Gam Ori ; 1.64; 26000;occ; 74; 0;43988
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 13; 285.9; 30-JUL-2010 03:51:54; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;43989
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 16; 903.0; 30-JUL-2010 04:02:11; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;43989
 17; 1092.6; 30-JUL-2010 04:05:21; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43989
 18; 2061.6; 30-JUL-2010 04:21:30; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;43989
 19; 2595.9; 30-JUL-2010 04:30:24; Bright; 48.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 97; 0;43989
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 21; 2781.1; 30-JUL-2010 04:33:29; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;43989
 22; 3104.1; 30-JUL-2010 04:38:52; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;43989

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13; 286.9; 30-JUL-2010 05:32:31; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;43990
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16; 1093.2; 30-JUL-2010 05:45:58; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43990
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18; 2595.9; 30-JUL-2010 06:11:00; Bright; 46.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 93; 0;43990
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5; 2699.1; 30-JUL-2010 21:18:07; Bright; 38.5; 144; 18Del Cyg ; 2.86; 11000;occ; 77; 0;43999
6; 3099.6; 30-JUL-2010 21:24:48; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43999
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8; 4200.3; 30-JUL-2010 21:43:08; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;43999
9; 4315.9; 30-JUL-2010 21:45:04; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;43999
10; 4498.3; 30-JUL-2010 21:48:06; Dark ; 54.0; 150; 44Zet Per ; 2.89; 28000;occ; 108; 0;43999
11; 4634.8; 30-JUL-2010 21:50:23; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;43999
12; 4781.6; 30-JUL-2010 21:52:50; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;43999
13; 4902.8; 30-JUL-2010 21:54:51; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;43999
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4; 293.6; 30-JUL-2010 22:18:37; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44000
5; 571.7; 30-JUL-2010 22:23:16; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44000
6; 909.0; 30-JUL-2010 22:28:53; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44000
7; 1098.1; 30-JUL-2010 22:32:02; Dark ; 47.5; 172; Gam Gru ; 3.00; 13100;occ; 95; 0;44000
8; 2060.6; 30-JUL-2010 22:48:04; Bright; 40.0; 11; 53Alp Aql ; 0.76; 8000;occ; 80; 0;44000
9; 2589.9; 30-JUL-2010 22:56:54; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44000
10; 2698.8; 30-JUL-2010 22:58:43; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44000
11; 3099.3; 30-JUL-2010 23:05:23; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44000
12; 4083.4; 30-JUL-2010 23:21:47; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 0;44000
13; 4200.3; 30-JUL-2010 23:23:44; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;44000
14; 4316.0; 30-JUL-2010 23:25:40; Bright; 46.0; 149; 45Eps Per ; 2.89; 30000;occ; 92; 0;44000
15; 4498.6; 30-JUL-2010 23:28:42; Dark ; 53.0; 150; 44Zet Per ; 2.89; 28000;occ; 106; 0;44000
16; 4634.8; 30-JUL-2010 23:30:59; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;44000
17; 4782.0; 30-JUL-2010 23:33:26; Dark ; 57.0; 13; 87Alp Tau ; 0.87; 3800;occ; 114; 0;44000
18; 4903.0; 30-JUL-2010 23:35:27; Dark ; 41.5; 27; 24Gam Ori ; 1.64; 26000;occ; 83; 0;44000
19; 5164.1; 30-JUL-2010 23:39:48; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;44000
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3; 293.8; 30-JUL-2010 23:59:14; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44001
4; 573.0; 31-JUL-2010 00:03:53; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44001
5; 909.1; 31-JUL-2010 00:09:29; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44001
6; 1098.5; 31-JUL-2010 00:12:38; Dark ; 47.5; 172; Gam Gru ; 3.00; 13100;occ; 95; 0;44001
7; 2060.3; 31-JUL-2010 00:28:40; Bright; 40.0; 11; 53Alp Aql ; 0.76; 8000;occ; 80; 0;44001
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9; 2698.6; 31-JUL-2010 00:39:18; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44001
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11; 4083.1; 31-JUL-2010 01:02:23; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 0;44001
12; 4199.9; 31-JUL-2010 01:04:20; Bright; 40.5; 6; 13Alp Aur ; 0.08; 3400;occ; 81; 0;44001
13; 4315.9; 31-JUL-2010 01:06:16; Bright; 66.0; 149; 45Eps Per ; 2.89; 30000;occ; 132; 0;44001
14; 4498.3; 31-JUL-2010 01:09:18; Dark ; 52.5; 150; 44Zet Per ; 2.89; 28000;occ; 105; 0;44001
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16; 4782.5; 31-JUL-2010 01:14:02; Dark ; 51.0; 13; 87Alp Tau ; 0.87; 3800;occ; 102; 0;44001

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4; 574.1; 31-JUL-2010 01:44:30; Dark ; 66.5; 84; Alp Phe ; 2.40; 4500;occ; 133; 0;44002
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6;-1400.5; 31-JUL-2010 02:52:11; Dark ; 38.5; 176; 23Zet Tau ; 3.02; 22000;occ; 77; 0;44002
7;-1253.3; 31-JUL-2010 02:54:38; Dark ; 55.5; 13; 87Alp Tau ; 0.87; 3800;occ; 111; 0;44002
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15; 910.7; 31-JUL-2010 03:30:42; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44003
16; 1099.7; 31-JUL-2010 03:33:51; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;44003
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