

GOMOS Daily Report 17-APR-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	18APR2010 04:43:11
Data source version	GOMOS/5.00L04
Start time of products	17APR2010 00:03:24
Stop time of products	17APR2010 23:57:39
Store outputs in DB	Yes
Nb of level 1b prods	110
Nb of prods with errors	2

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

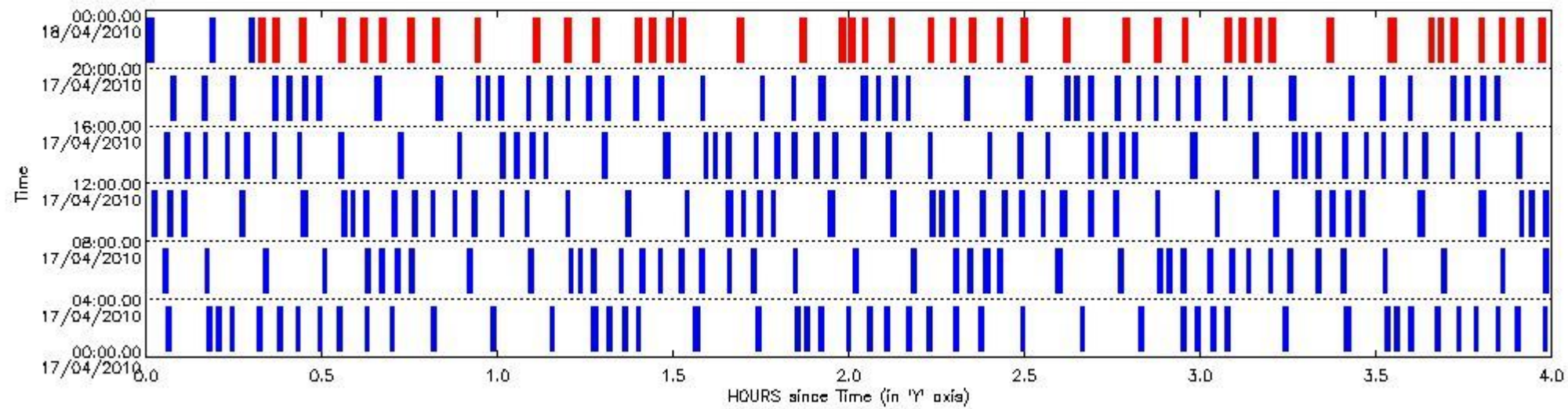
2.1 Level 0 products arrived in PCF (see template [here](#))

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
17-APR-2010 20:19:18	EtaCen	81	42510
17-APR-2010 20:21:38	5TheCen	54	42510
17-APR-2010 20:26:16	46GamHya	169	42510
17-APR-2010 20:32:54	29GamVir	121	42510
17-APR-2010 20:36:36	47EpsVir	138	42510
17-APR-2010 20:39:49	8EtaBoo	111	42510
17-APR-2010 20:44:39	12Alp2CVn	152	42510
17-APR-2010 20:48:52	85EtaUMa	39	42510
17-APR-2010 20:56:02	7BetUMi	60	42510
17-APR-2010 21:06:11	5AlpCep	89	42510
17-APR-2010 21:11:28	50AlpCyg	19	42510
17-APR-2010 21:16:16	44EtaPeg	164	42510
17-APR-2010 21:23:30	8EpsPeg	61	42510
17-APR-2010 21:25:58	34AlpAqr	162	42510
17-APR-2010 21:28:42	22BetAqr	154	42510

17-APR-2010 21:31:03	49DelCap	142	42510
17-APR-2010 21:41:00	DSA1040	0	42510
17-APR-2010 21:51:34	TheSco	40	42511
17-APR-2010 21:58:19	AlpLup	78	42511
17-APR-2010 21:59:54	EtaCen	81	42511
17-APR-2010 22:02:14	5TheCen	54	42511
17-APR-2010 22:06:52	46GamHya	169	42511
17-APR-2010 22:13:30	29GamVir	121	42511
17-APR-2010 22:17:12	47EpsVir	138	42511
17-APR-2010 22:20:25	8EtaBoo	111	42511
17-APR-2010 22:25:15	12Alp2CVn	152	42511
17-APR-2010 22:29:28	85EtaUMa	39	42511
17-APR-2010 22:36:38	7BetUMi	60	42511
17-APR-2010 22:46:47	5AlpCep	89	42511
17-APR-2010 22:52:04	50AlpCyg	19	42511
17-APR-2010 22:56:52	44EtaPeg	164	42511
17-APR-2010 23:04:07	8EpsPeg	61	42511
17-APR-2010 23:06:34	34AlpAqr	162	42511
17-APR-2010 23:09:19	22BetAqr	154	42511
17-APR-2010 23:11:40	49DelCap	142	42511
17-APR-2010 23:21:37	DSA1040	0	42511
17-APR-2010 23:32:11	TheSco	40	42512
17-APR-2010 23:38:55	AlpLup	78	42512
17-APR-2010 23:40:31	EtaCen	81	42512
17-APR-2010 23:42:50	5TheCen	54	42512
17-APR-2010 23:47:28	46GamHya	169	42512
17-APR-2010 23:51:03	67AlpVir	15	42512
17-APR-2010 23:54:05	29GamVir	121	42512
17-APR-2010 23:57:48	47EpsVir	138	42512

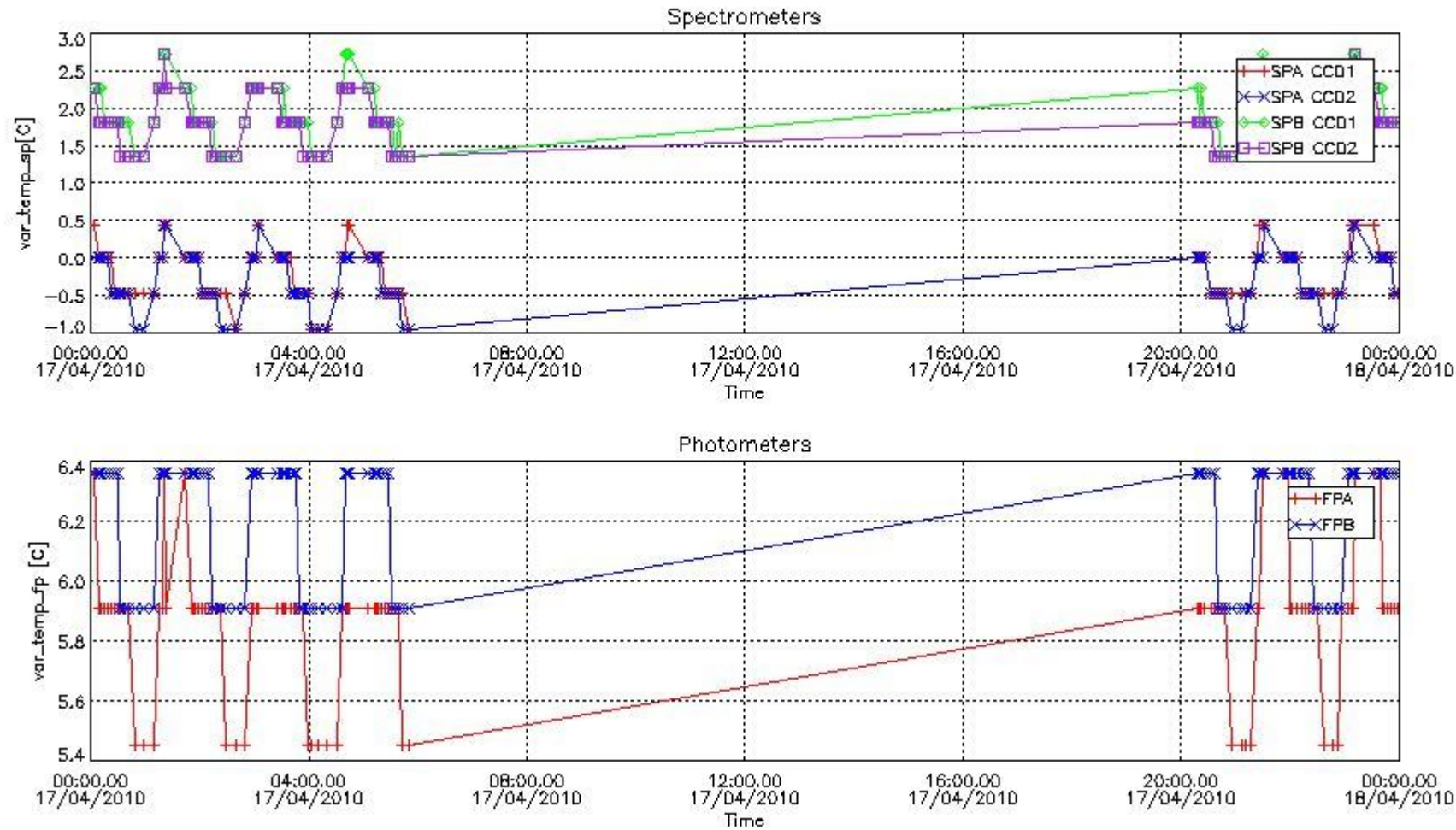
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100417_000324_000000532088_00360_42498_4568.N1	17-APR-2010 00:03:24	Dark	52.500	40	The Sco	1.8590	7100.0	105	42498	No
2	GOM_TRA_1PNPDE20100417_001017_000000442088_00360_42498_4569.N1	17-APR-2010 00:10:17	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42498	No
3	GOM_TRA_1PNPDE20100417_001153_000000462088_00360_42498_4570.N1	17-APR-2010 00:11:53	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42498	No
4	GOM_TRA_1PNPDE20100417_001414_000000462088_00360_42498_4571.N1	17-APR-2010 00:14:14	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42498	No
5	GOM_TRA_1PNPDE20100417_001854_000000442088_00360_42498_4572.N1	17-APR-2010 00:18:54	Twilight_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42498	No
6	GOM_TRA_1PNPDE20100417_002231_000000442088_00360_42498_4573.N1	17-APR-2010 00:22:31	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42498	No
7	GOM_TRA_1PNPDE20100417_002534_000000402088_00360_42498_4574.N1	17-APR-2010 00:25:34	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42498	No
8	GOM_TRA_1PNPDE20100417_002917_000000402088_00360_42498_4575.N1	17-APR-2010 00:29:17	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42498	No
9	GOM_TRA_1PNPDE20100417_003235_000000502088_00360_42498_4576.N1	17-APR-2010 00:32:35	Bright	49.500	111	8Eta Boo	2.6800	6000.0	99	42498	No
10	GOM_TRA_1PNPDE20100417_003722_000000402088_00360_42498_4577.N1	17-APR-2010 00:37:22	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42498	No
11	GOM_TRA_1PNPDE20100417_004139_000000422088_00360_42498_4578.N1	17-APR-2010 00:41:39	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42498	No
12	GOM_TRA_1PNPDE20100417_004846_000000422088_00360_42498_4579.N1	17-APR-2010 00:48:46	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42498	No
13	GOM_TRA_1PNPDE20100417_005853_000000412088_00360_42498_4580.N1	17-APR-2010 00:58:53	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42498	No
14	GOM_TRA_1PNPDE20100417_010855_000000442088_00360_42498_4581.N1	17-APR-2010 01:08:55	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	42498	No
15	GOM_TRA_1PNPDE20100417_011605_000000522088_00360_42498_4582.N1	17-APR-2010 01:16:05	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42498	No
16	GOM_TRA_1PNPDE20100417_011833_000000472088_00360_42498_4583.N1	17-APR-2010 01:18:33	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42498	No
17	GOM_TRA_1PNPDE20100417_012114_000000492088_00360_42498_4587.N1	17-APR-2010 01:21:14	Dark	48.500	154	22Bet Aqr	2.8990	5700.0	97	42498	Yes
18	GOM_TRA_1PNPDE20100417_012336_000000472088_00360_42498_4588.N1	17-APR-2010 01:23:36	Dark	47.000	142	49Del Cap	2.8500	8900.0	94	42498	No
19	GOM_TRA_1PNPDE20100417_014401_000000612088_00361_42499_4589.N1	17-APR-2010 01:44:01	Dark	60.500	40	The Sco	1.8590	7100.0	121	42499	No
20	GOM_TRA_1PNPDE20100417_015054_000000412088_00361_42499_4590.N1	17-APR-2010 01:50:54	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42499	No
21	GOM_TRA_1PNPDE20100417_015229_000000452088_00361_42499_4591.N1	17-APR-2010 01:52:29	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42499	No
22	GOM_TRA_1PNPDE20100417_015450_000000472088_00361_42499_4592.N1	17-APR-2010 01:54:50	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42499	No
23	GOM_TRA_1PNPDE20100417_015930_000000442088_00361_42499_4593.N1	17-APR-2010 01:59:30	Twilight_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42499	No
24	GOM_TRA_1PNPDE20100417_020307_000000472088_00361_42499_4594.N1	17-APR-2010 02:03:07	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42499	No
25	GOM_TRA_1PNPDE20100417_020609_000000392088_00361_42499_4595.N1	17-APR-2010 02:06:09	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42499	No

26	GOM_TRA_1PNPDE20100417_020953_000000402088_00361_42499_4596.N1	17-APR-2010 02:09:53	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42499	No
27	GOM_TRA_1PNPDE20100417_021310_000000482088_00361_42499_4597.N1	17-APR-2010 02:13:10	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42499	No
28	GOM_TRA_1PNPDE20100417_021758_000000392088_00361_42499_4598.N1	17-APR-2010 02:17:58	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42499	No
29	GOM_TRA_1PNPDE20100417_022214_000000412088_00361_42499_4599.N1	17-APR-2010 02:22:14	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42499	No
30	GOM_TRA_1PNPDE20100417_022921_000000392088_00361_42499_4600.N1	17-APR-2010 02:29:21	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42499	No
31	GOM_TRA_1PNPDE20100417_023929_000000392088_00361_42499_4610.N1	17-APR-2010 02:39:29	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42499	No
32	GOM_TRA_1PNPDE20100417_024931_000000532088_00361_42499_4611.N1	17-APR-2010 02:49:31	Bright	53.000	164	44Eta Peg	2.9480	5400.0	106	42499	No
33	GOM_TRA_1PNPDE20100417_025641_000000532088_00361_42499_4612.N1	17-APR-2010 02:56:41	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42499	No
34	GOM_TRA_1PNPDE20100417_025909_000000432088_00361_42499_4613.N1	17-APR-2010 02:59:09	Dark	43.000	162	34Alp Aqr	2.9440	5350.0	86	42499	No
35	GOM_TRA_1PNPDE20100417_030151_000000492088_00361_42499_4614.N1	17-APR-2010 03:01:51	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42499	No
36	GOM_TRA_1PNPDE20100417_030412_000000452088_00361_42499_4615.N1	17-APR-2010 03:04:12	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42499	No
37	GOM_TRA_1PNPDE20100417_032438_000000582088_00362_42500_4616.N1	17-APR-2010 03:24:38	Dark	57.500	40	The Sco	1.8590	7100.0	115	42500	No
38	GOM_TRA_1PNPDE20100417_033130_000000422088_00362_42500_4617.N1	17-APR-2010 03:31:30	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42500	No
39	GOM_TRA_1PNPDE20100417_033306_000000432088_00362_42500_4618.N1	17-APR-2010 03:33:06	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42500	No
40	GOM_TRA_1PNPDE20100417_033526_000000502088_00362_42500_4619.N1	17-APR-2010 03:35:26	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42500	No
41	GOM_TRA_1PNPDE20100417_034006_000000442088_00362_42500_4620.N1	17-APR-2010 03:40:06	Twl_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42500	No
42	GOM_TRA_1PNPDE20100417_034343_000000442088_00362_42500_4621.N1	17-APR-2010 03:43:43	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42500	No
43	GOM_TRA_1PNPDE20100417_034645_000000402088_00362_42500_4622.N1	17-APR-2010 03:46:45	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42500	No
44	GOM_TRA_1PNPDE20100417_035029_000000402088_00362_42500_4623.N1	17-APR-2010 03:50:29	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42500	No
45	GOM_TRA_1PNPDE20100417_035346_000000472088_00362_42500_4624.N1	17-APR-2010 03:53:46	Bright	46.500	111	8Eta Boo	2.6800	6000.0	93	42500	No
46	GOM_TRA_1PNPDE20100417_035834_000000382088_00362_42500_4625.N1	17-APR-2010 03:58:34	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42500	No
47	GOM_TRA_1PNPDE20100417_040249_000000432088_00362_42500_4626.N1	17-APR-2010 04:02:49	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	42500	No
48	GOM_TRA_1PNPDE20100417_040957_000000392088_00362_42500_4627.N1	17-APR-2010 04:09:57	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42500	No
49	GOM_TRA_1PNPDE20100417_042005_000000412088_00362_42500_4639.N1	17-APR-2010 04:20:05	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42500	No
50	GOM_TRA_1PNPDE20100417_043007_000000392088_00362_42500_4640.N1	17-APR-2010 04:30:07	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42500	No
51	GOM_TRA_1PNPDE20100417_043718_000000532088_00362_42500_4641.N1	17-APR-2010 04:37:18	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42500	No
52	GOM_TRA_1PNPDE20100417_043945_000000452088_00362_42500_4642.N1	17-APR-2010 04:39:45	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42500	No
53	GOM_TRA_1PNPDE20100417_044227_000000482088_00362_42500_4643.N1	17-APR-2010 04:42:27	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42500	No
54	GOM_TRA_1PNPDE20100417_044449_000000452088_00362_42500_4644.N1	17-APR-2010 04:44:49	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42500	No
55	GOM_TRA_1PNPDE20100417_050515_000000542088_00363_42501_4645.N1	17-APR-2010 05:05:15	Dark	53.500	40	The Sco	1.8590	7100.0	107	42501	No
56	GOM_TRA_1PNPDE20100417_051207_000000402088_00363_42501_4646.N1	17-APR-2010 05:12:07	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42501	No
57	GOM_TRA_1PNPDE20100417_051342_000000432088_00363_42501_4647.N1	17-APR-2010 05:13:42	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42501	No
58	GOM_TRA_1PNPDE20100417_051603_000000462088_00363_42501_4648.N1	17-APR-2010 05:16:03	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42501	No
59	GOM_TRA_1PNPDE20100417_052043_000000432088_00363_42501_4649.N1	17-APR-2010 05:20:43	Twl_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42501	No
60	GOM_TRA_1PNPDE20100417_052419_000000462088_00363_42501_4650.N1	17-APR-2010 05:24:19	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	42501	No
61	GOM_TRA_1PNPDE20100417_052721_000000392088_00363_42501_4651.N1	17-APR-2010 05:27:21	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42501	No
62	GOM_TRA_1PNPDE20100417_053105_000000402088_00363_42501_4652.N1	17-APR-2010 05:31:05	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42501	No
63	GOM_TRA_1PNPDE20100417_053421_000000482088_00363_42501_4653.N1	17-APR-2010 05:34:21	Bright	47.500	111	8Eta Boo	2.6800	6000.0	95	42501	No
64	GOM_TRA_1PNPDE20100417_053909_000000382088_00363_42501_4654.N1	17-APR-2010 05:39:09	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42501	No
65	GOM_TRA_1PNPDE20100417_054325_000000422088_00363_42501_4655.N1	17-APR-2010 05:43:25	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42501	No
66	GOM_TRA_1PNPDE20100417_055033_000000392088_00363_42501_4656.N1	17-APR-2010 05:50:33	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42501	No
67	GOM_TRA_1PNPDE20100417_201734_000000442088_00372_42510_4759.N1	17-APR-2010 20:17:34	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42510	No
68	GOM_TRA_1PNPDE20100417_201909_000000462088_00372_42510_4760.N1	17-APR-2010 20:19:09	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42510	No
69	GOM_TRA_1PNPDE20100417_202129_000000462088_00372_42510_4761.N1	17-APR-2010 20:21:29	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42510	No
70	GOM_TRA_1PNPDE20100417_202608_000000462088_00372_42510_4762.N1	17-APR-2010 20:26:08	Twl_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42510	No
71	GOM_TRA_1PNPDE20100417_203245_000000382088_00372_42510_4763.N1	17-APR-2010 20:32:45	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	42510	No
72	GOM_TRA_1PNPDE20100417_203628_000000392088_00372_42510_4764.N1	17-APR-2010 20:36:28	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42510	No
73	GOM_TRA_1PNPDE20100417_203941_000000462088_00372_42510_4765.N1	17-APR-2010 20:39:41	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	42510	No
74	GOM_TRA_1PNPDE20100417_204431_000000392088_00372_42510_4766.N1	17-APR-2010 20:44:31	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42510	No
75	GOM_TRA_1PNPDE20100417_204844_000000602088_00372_42510_4767.N1	17-APR-2010 20:48:44	Bright	60.000	39	85Eta UMa	1.8540	24000.	120	42510	No
76	GOM_TRA_1PNPDE20100417_205554_000000422088_00372_42510_4768.N1	17-APR-2010 20:55:54	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	42510	No
77	GOM_TRA_1PNPDE20100417_210603_000000372088_00372_42510_4769.N1	17-APR-2010 21:06:03	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42510	No
78	GOM_TRA_1PNPDE20100417_211119_000000512088_00372_42510_4770.N1	17-APR-2010 21:11:19	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	42510	No
79	GOM_TRA_1PNPDE20100417_211608_000000382088_00372_42510_4771.N1	17-APR-2010 21:16:08	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42510	No
80	GOM_TRA_1PNPDE20100417_212321_000000522088_00372_42510_4772.N1	17-APR-2010 21:23:21	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42510	No
81	GOM_TRA_1PNPDE20100417_212550_000000452088_00372_42510_4773.N1	17-APR-2010 21:25:50	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42510	No
82	GOM_TRA_1PNPDE20100417_212833_000000492088_00372_42510_4781.N1	17-APR-2010 21:28:33	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42510	No
83	GOM_TRA_1PNPDE20100417_213055_000000442088_00372_42510_4782.N1	17-APR-2010 21:30:55	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42510	No
84	GOM_TRA_1PNPDE20100417_215125_000000522088_00373_42511_4783.N1	17-APR-2010 21:51:25	Dark	52.000	40	The Sco	1.8590	7100.0	104	42511	No

85	GOM_TRA_1PNPDE20100417_215811_000000432088_00373_42511_4784.N1	17-APR-2010 21:58:11	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42511	No
86	GOM_TRA_1PNPDE20100417_215946_000000442088_00373_42511_4785.N1	17-APR-2010 21:59:46	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42511	No
87	GOM_TRA_1PNPDE20100417_220205_000000482088_00373_42511_4786.N1	17-APR-2010 22:02:05	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42511	No
88	GOM_TRA_1PNPDE20100417_220644_000000452088_00373_42511_4787.N1	17-APR-2010 22:06:44	Twilight_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42511	No
89	GOM_TRA_1PNPDE20100417_221321_000000392088_00373_42511_4788.N1	17-APR-2010 22:13:21	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42511	No
90	GOM_TRA_1PNPDE20100417_221703_000000402088_00373_42511_4789.N1	17-APR-2010 22:17:03	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42511	No
91	GOM_TRA_1PNPDE20100417_222016_000000472088_00373_42511_4790.N1	17-APR-2010 22:20:16	Bright	46.500	111	8Eta Boo	2.6800	6000.0	93	42511	No
92	GOM_TRA_1PNPDE20100417_222507_000000392088_00373_42511_4791.N1	17-APR-2010 22:25:07	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42511	No
93	GOM_TRA_1PNPDE20100417_222919_000000422088_00373_42511_4792.N1	17-APR-2010 22:29:19	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42511	No
94	GOM_TRA_1PNPDE20100417_223629_000000372088_00373_42511_4793.N1	17-APR-2010 22:36:29	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42511	No
95	GOM_TRA_1PNPDE20100417_224638_000000412088_00373_42511_4794.N1	17-APR-2010 22:46:38	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42511	No
96	GOM_TRA_1PNPDE20100417_225155_000000512088_00373_42511_4795.N1	17-APR-2010 22:51:55	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	42511	No
97	GOM_TRA_1PNPDE20100417_225644_000000382088_00373_42511_4796.N1	17-APR-2010 22:56:44	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42511	No
98	GOM_TRA_1PNPDE20100417_230358_000000532088_00373_42511_4797.N1	17-APR-2010 23:03:58	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42511	No
99	GOM_TRA_1PNPDE20100417_230626_000000442088_00373_42511_4798.N1	17-APR-2010 23:06:26	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42511	No
100	GOM_TRA_1PNPDE20100417_230910_000000492088_00373_42511_4799.N1	17-APR-2010 23:09:10	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42511	No
101	GOM_TRA_1PNPDE20100417_231131_000000432088_00373_42511_4800.N1	17-APR-2010 23:11:31	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42511	No
102	GOM_TRA_1PNPDE20100417_231131_000000442088_00373_42511_4800.N1	17-APR-2010 23:11:31	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42511	Yes
103	GOM_TRA_1PNPDE20100417_233202_000000542088_00374_42512_4801.N1	17-APR-2010 23:32:02	Dark	54.000	40	The Sco	1.8590	7100.0	108	42512	No
104	GOM_TRA_1PNPDE20100417_233847_000000452088_00374_42512_4802.N1	17-APR-2010 23:38:47	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42512	No
105	GOM_TRA_1PNPDE20100417_234022_000000462088_00374_42512_4803.N1	17-APR-2010 23:40:22	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42512	No
106	GOM_TRA_1PNPDE20100417_234242_000000482088_00374_42512_4804.N1	17-APR-2010 23:42:42	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42512	No
107	GOM_TRA_1PNPDE20100417_234720_000000422088_00374_42512_4805.N1	17-APR-2010 23:47:20	Twilight_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	42512	No
108	GOM_TRA_1PNPDE20100417_235054_000000482088_00374_42512_4806.N1	17-APR-2010 23:50:54	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	42512	No
109	GOM_TRA_1PNPDE20100417_235357_000000392088_00374_42512_4807.N1	17-APR-2010 23:53:57	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42512	No
110	GOM_TRA_1PNPDE20100417_235739_000000412088_00374_42512_4808.N1	17-APR-2010 23:57:39	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42512	No

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



4. Overview of dark signal processing per product

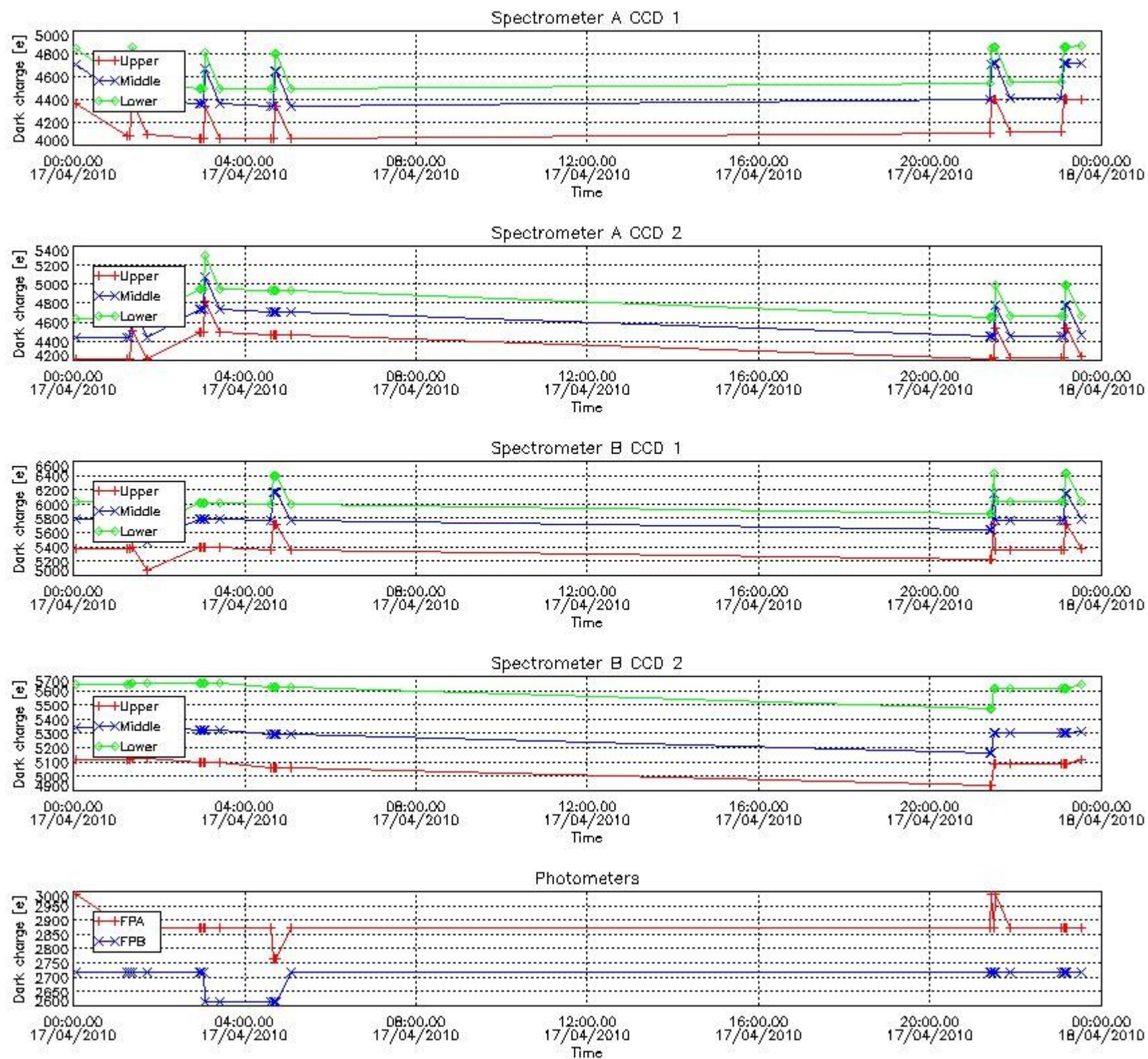
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100417_201734_000000442088_00372_42510_4759.N1	DC map used
GOM_TRA_1PNPDE20100417_201909_000000462088_00372_42510_4760.N1	DC map used
GOM_TRA_1PNPDE20100417_202129_000000462088_00372_42510_4761.N1	DC map used
GOM_TRA_1PNPDE20100417_202608_000000462088_00372_42510_4762.N1	DC map used
GOM_TRA_1PNPDE20100417_203245_000000382088_00372_42510_4763.N1	DC map used
GOM_TRA_1PNPDE20100417_203628_000000392088_00372_42510_4764.N1	DC map used
GOM_TRA_1PNPDE20100417_203941_000000462088_00372_42510_4765.N1	DC map used
GOM_TRA_1PNPDE20100417_204431_000000392088_00372_42510_4766.N1	DC map used
GOM_TRA_1PNPDE20100417_204844_000000602088_00372_42510_4767.N1	DC map used
GOM_TRA_1PNPDE20100417_205554_000000422088_00372_42510_4768.N1	DC map used
GOM_TRA_1PNPDE20100417_210603_000000372088_00372_42510_4769.N1	DC map used
GOM_TRA_1PNPDE20100417_211119_000000512088_00372_42510_4770.N1	DC map used
GOM_TRA_1PNPDE20100417_211608_000000382088_00372_42510_4771.N1	DC map used
GOM_TRA_1PNPDE20100417_212321_000000522088_00372_42510_4772.N1	DC map used

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



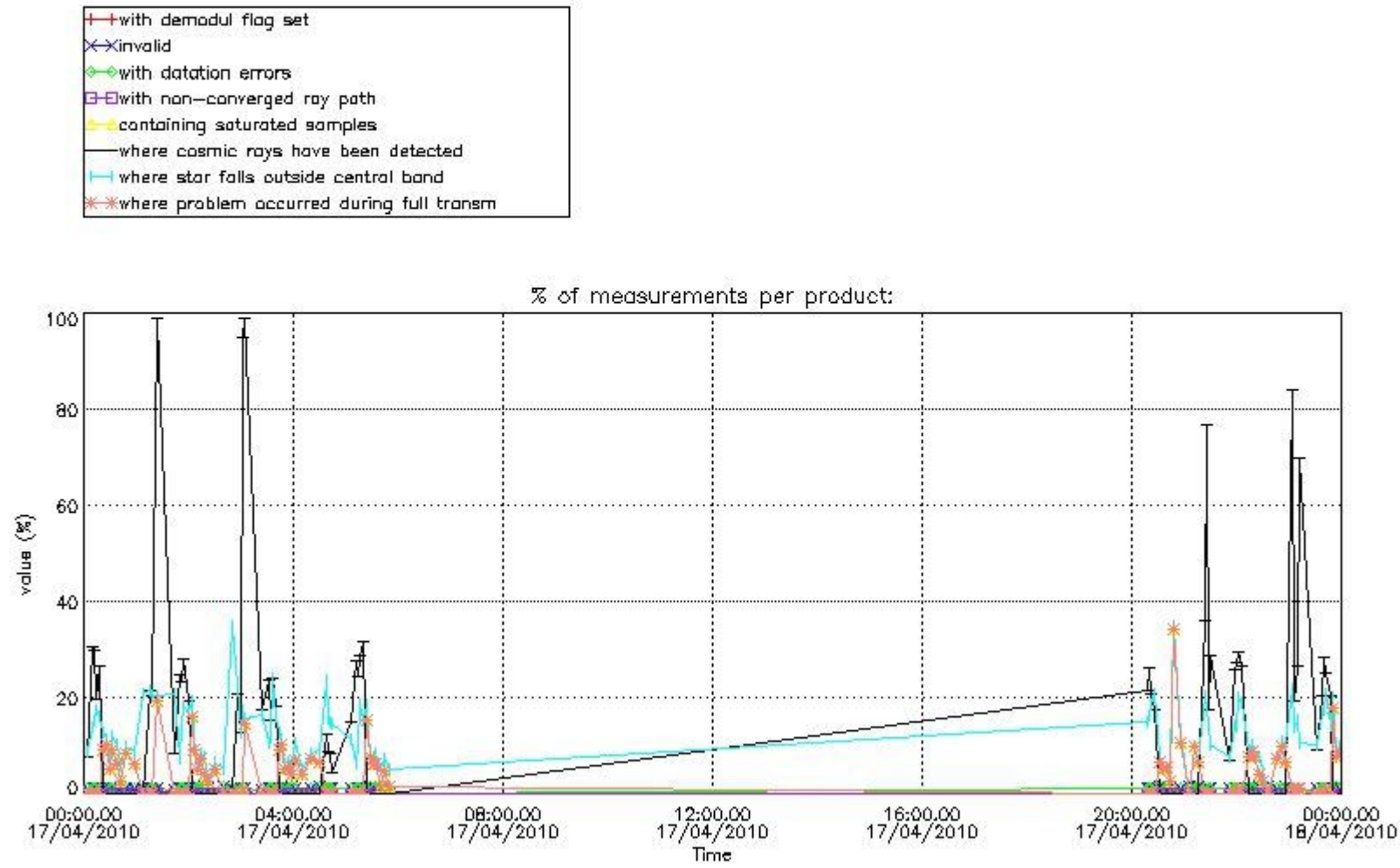
5. Demodulation flag and quality information monitoring

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.

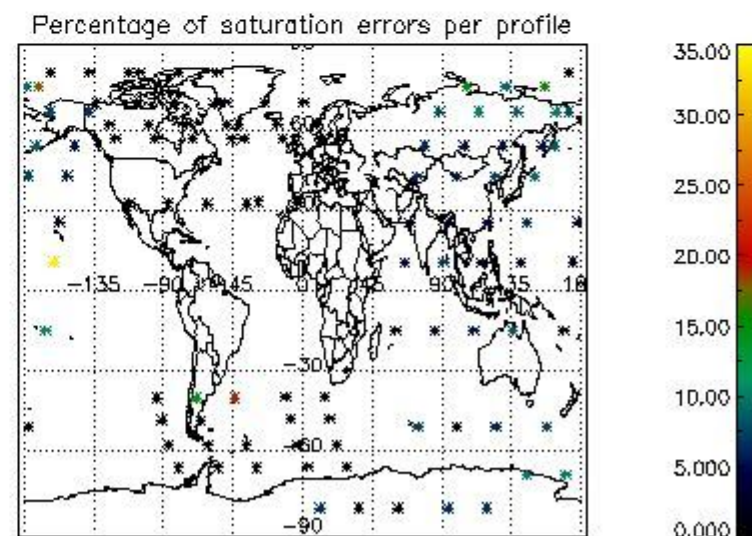
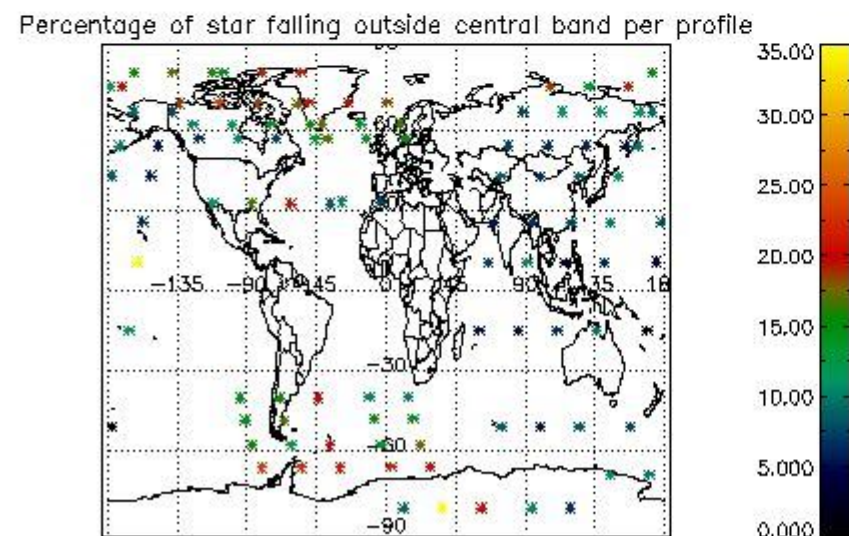
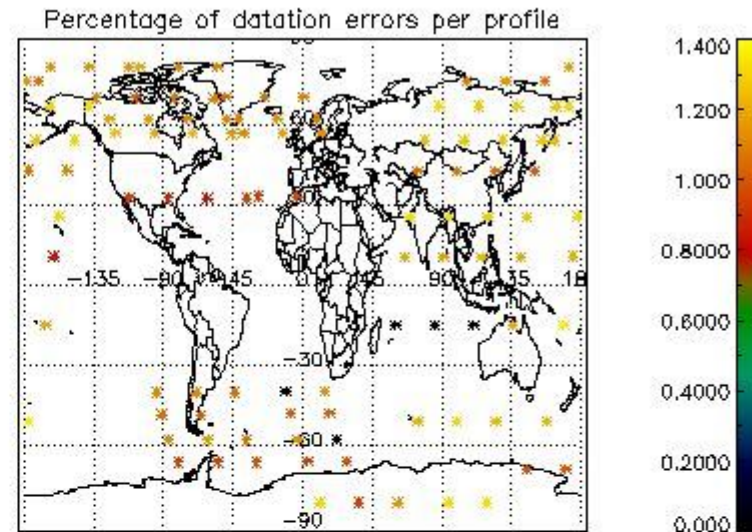
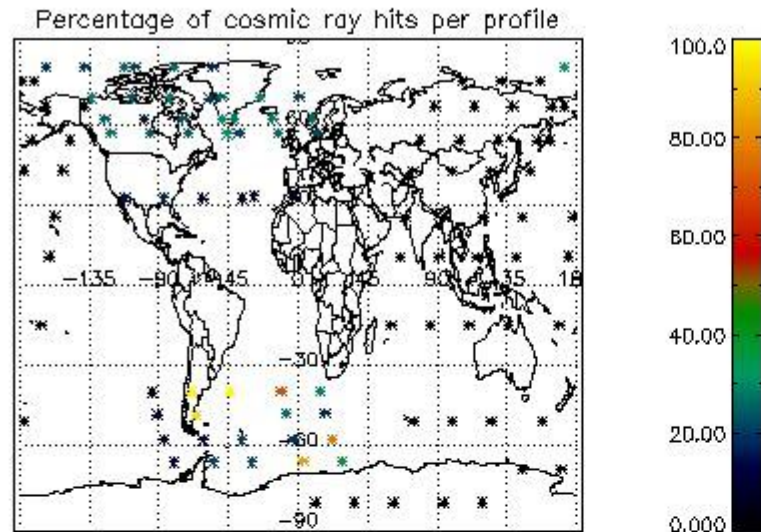
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	41.6667 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



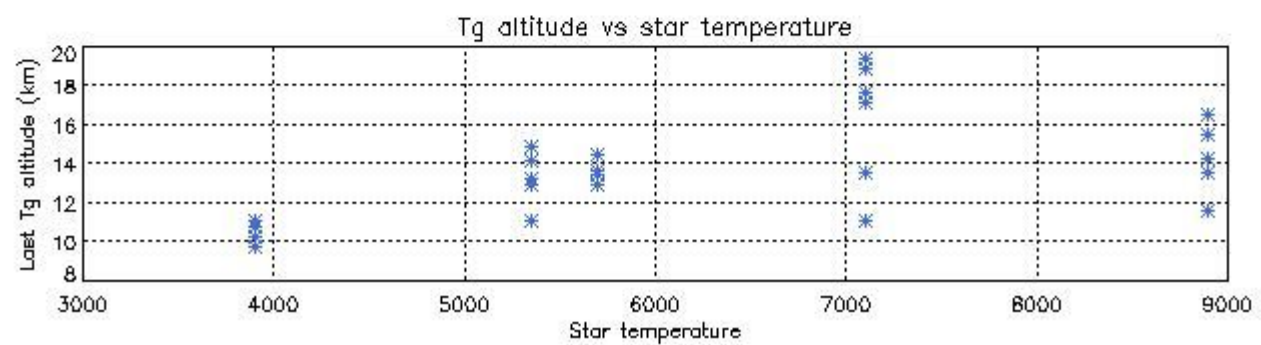
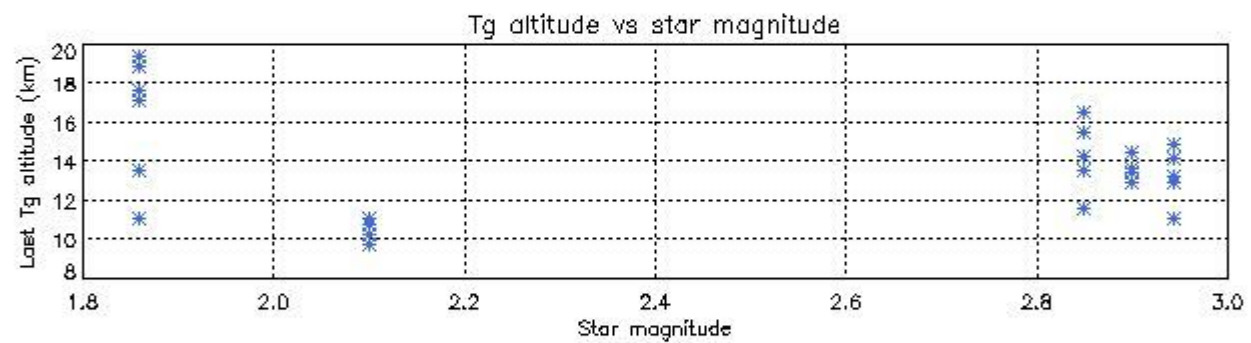
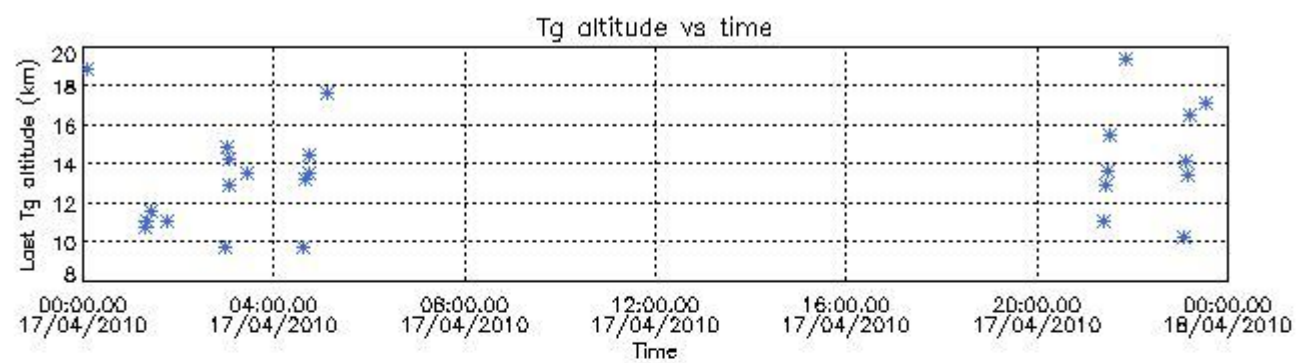
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.650	18.481	NaN
St. deviation:	2.7230	4.1438	NaN
Maximum:	19.353	26.995	NaN
Minimum:	9.7210	3.6800	NaN
Number of data:	25.000	55.000	NaN

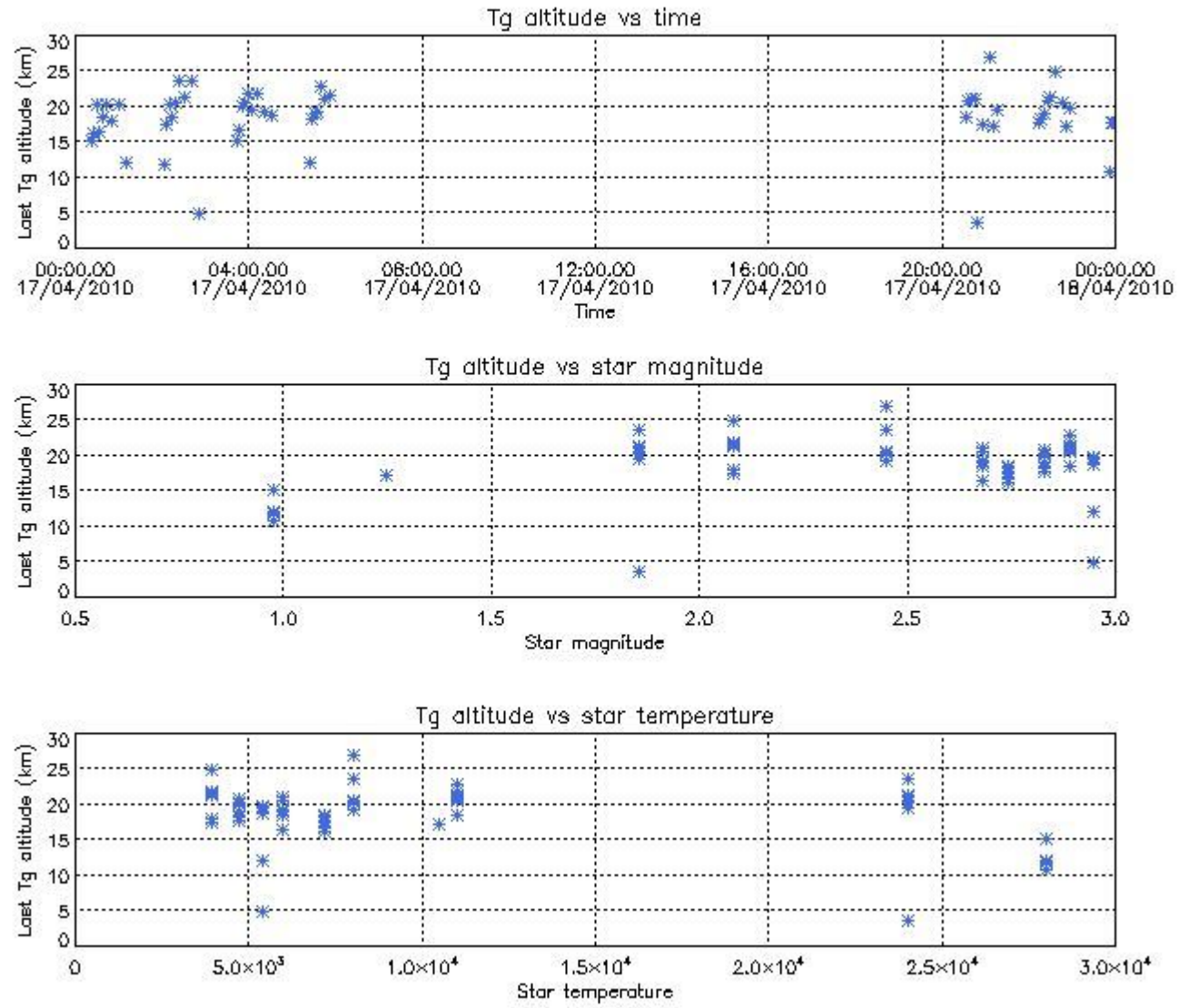
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

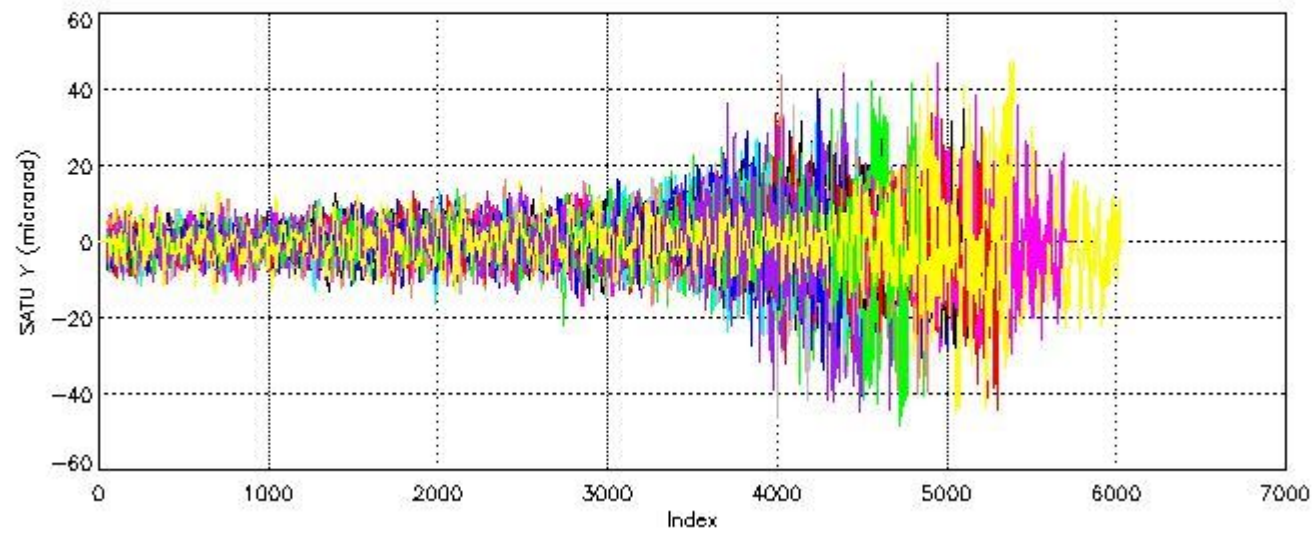
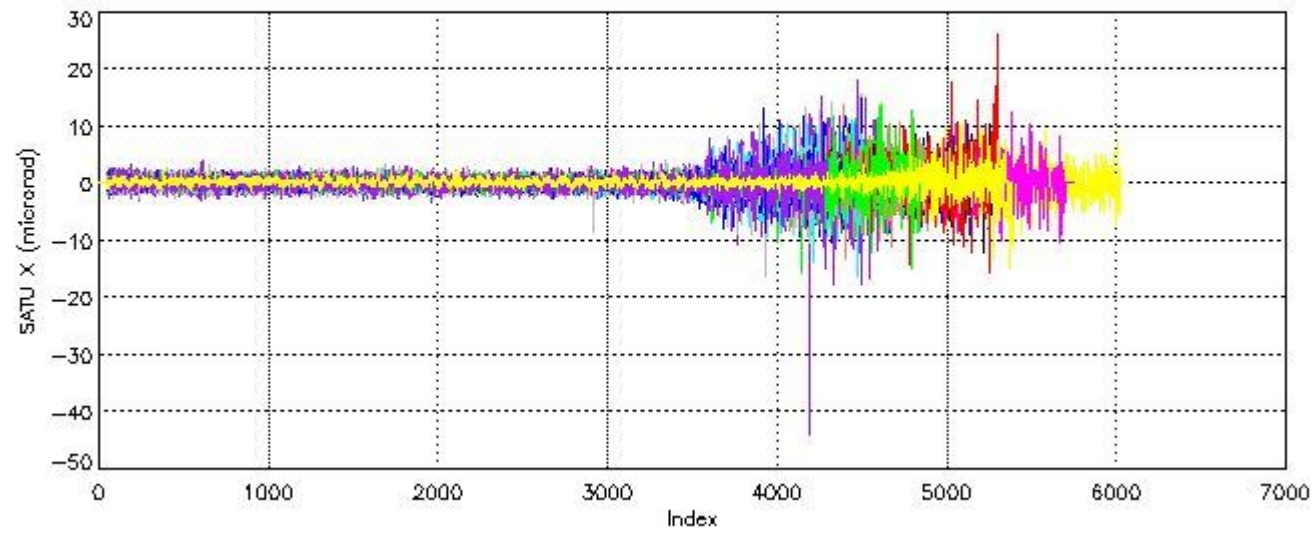


7. Star Acquisition and Tracking Unit (SATU)

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:	0.17913	-0.46254	0.18510	-0.54920
St. deviation:	0.59307	3.0551	0.84694	3.2452
Maximum:	4.1000	12.800	6.6000	13.200
Minimum:	-3.1000	-13.300	-7.2000	-15.800

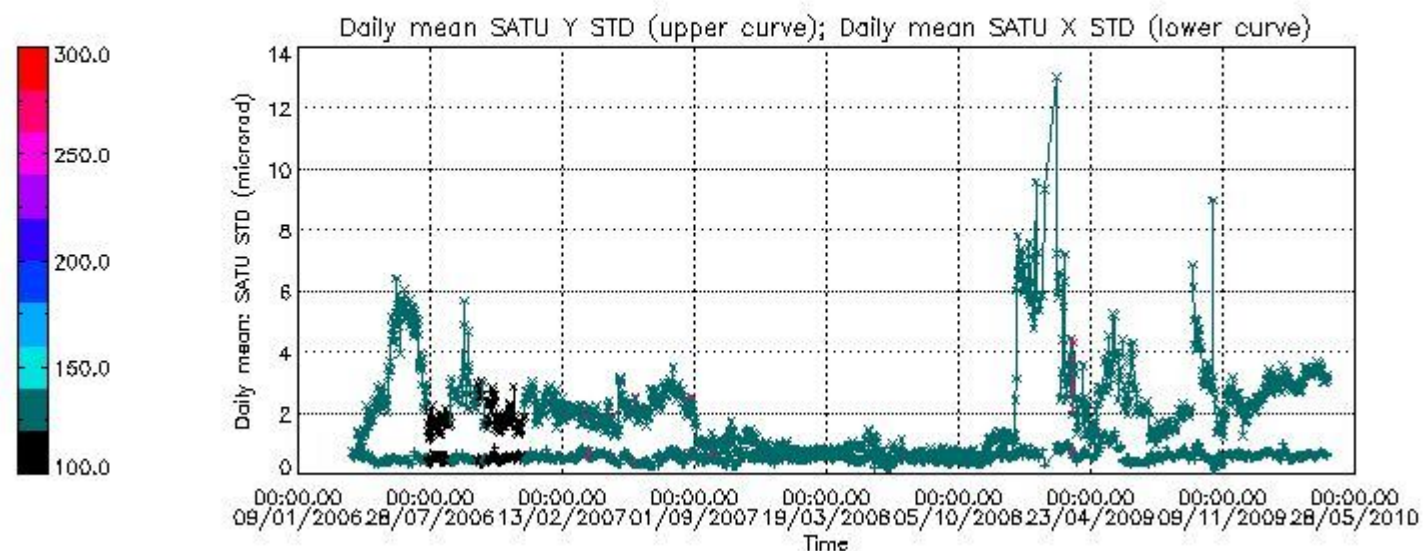
Number of data:	26300.	26300.	52900.	52900.
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7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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.

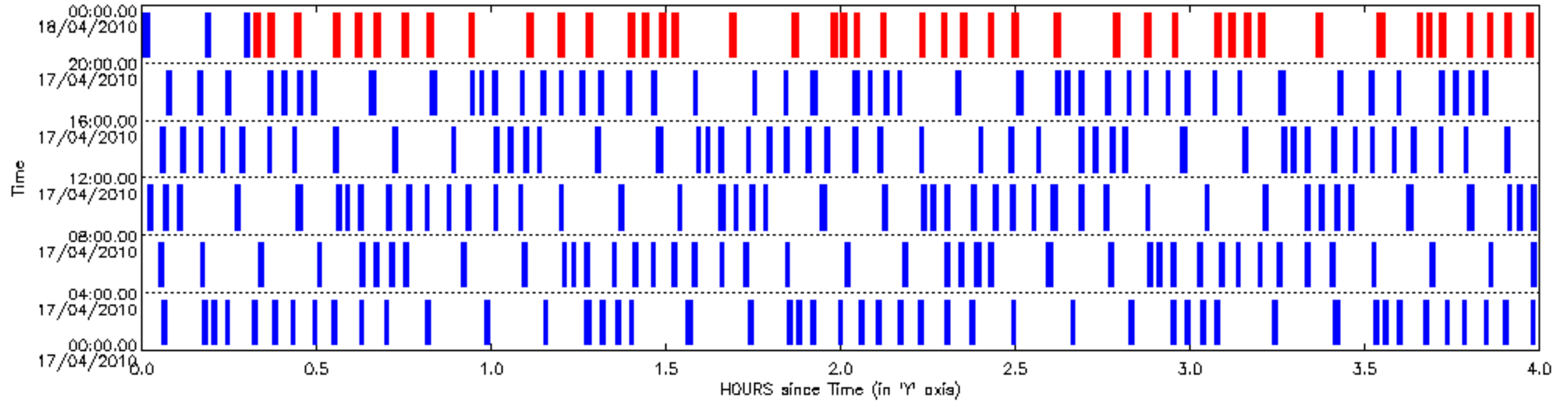
Upper curve: STD of SATU Y axis
Lower curve: STD of SATU X axis

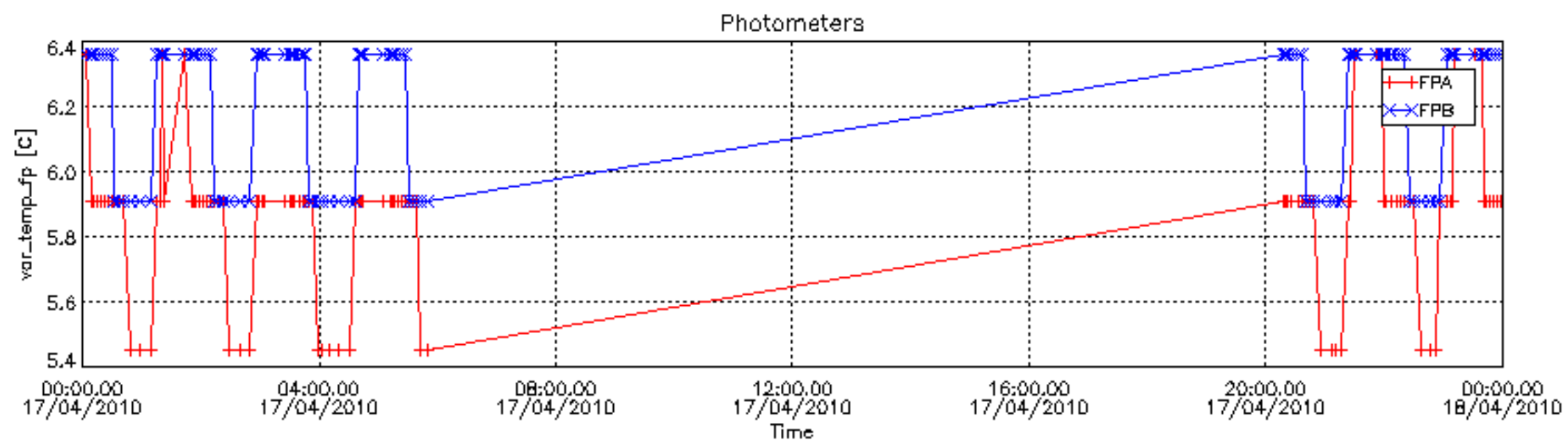
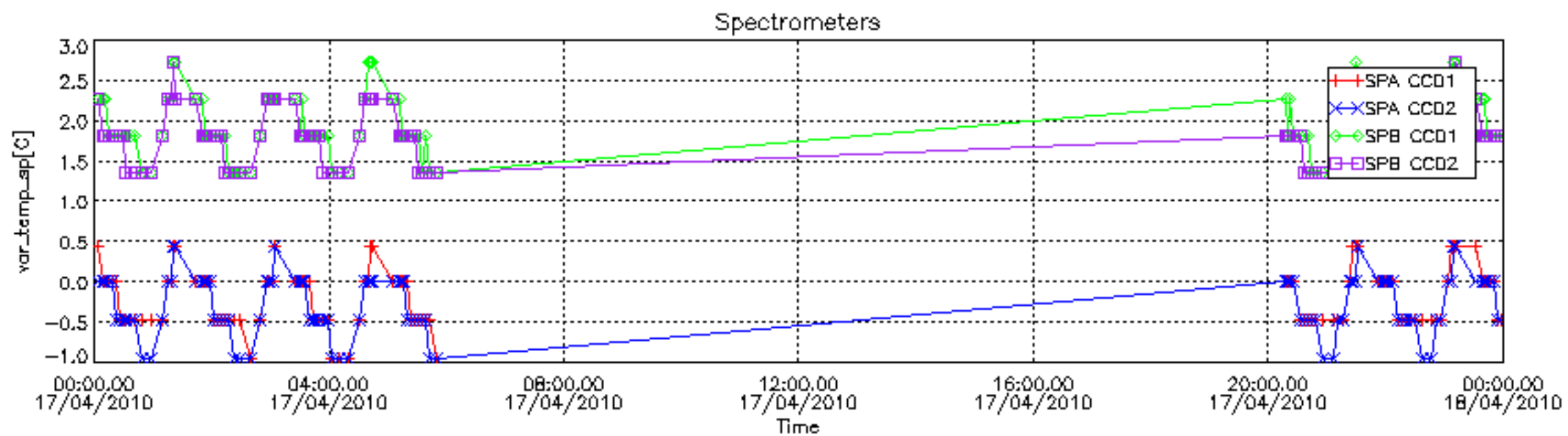


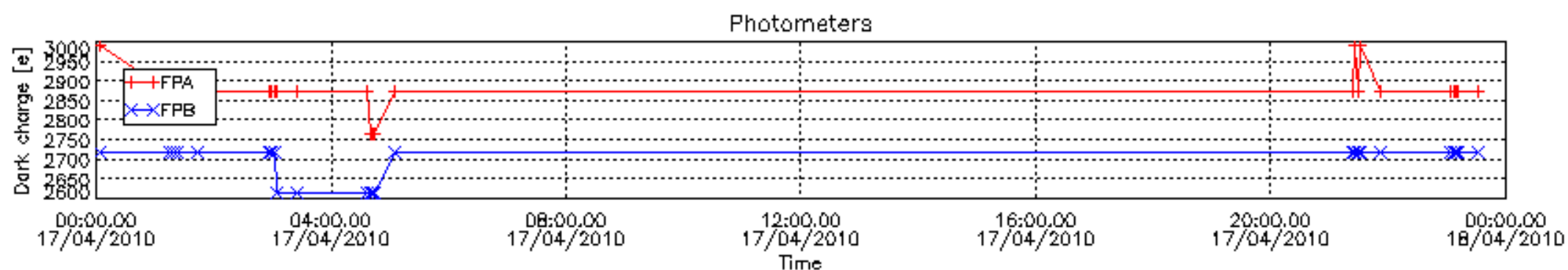
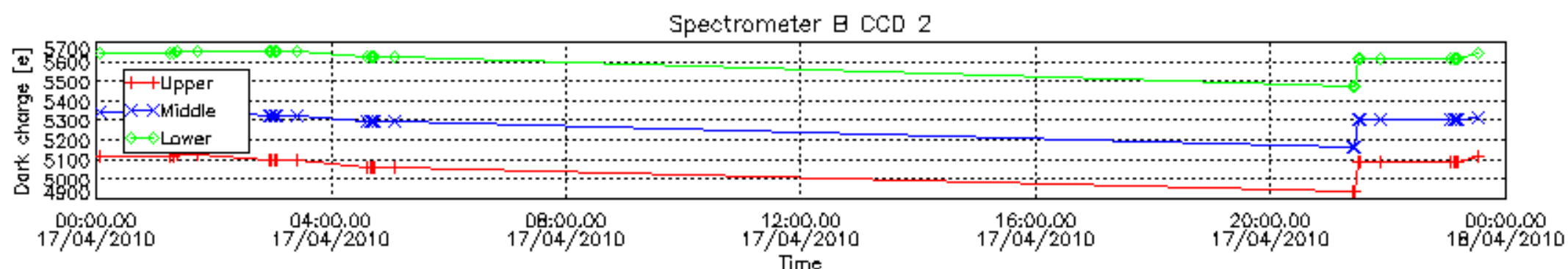
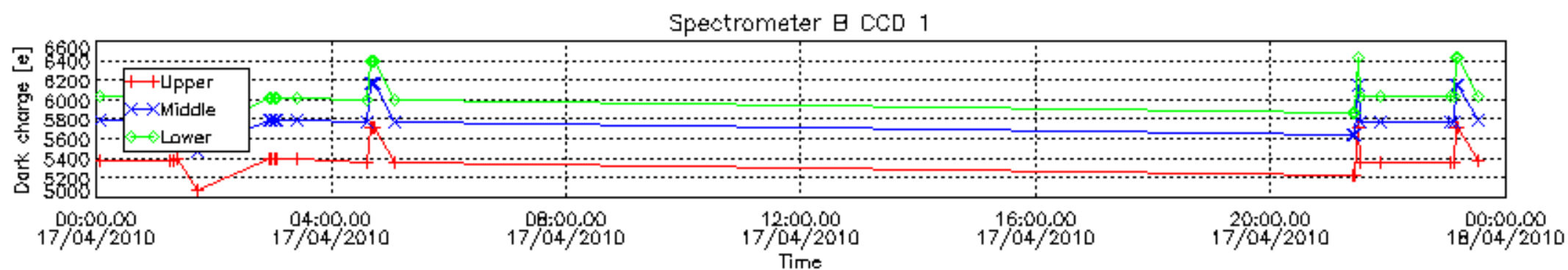
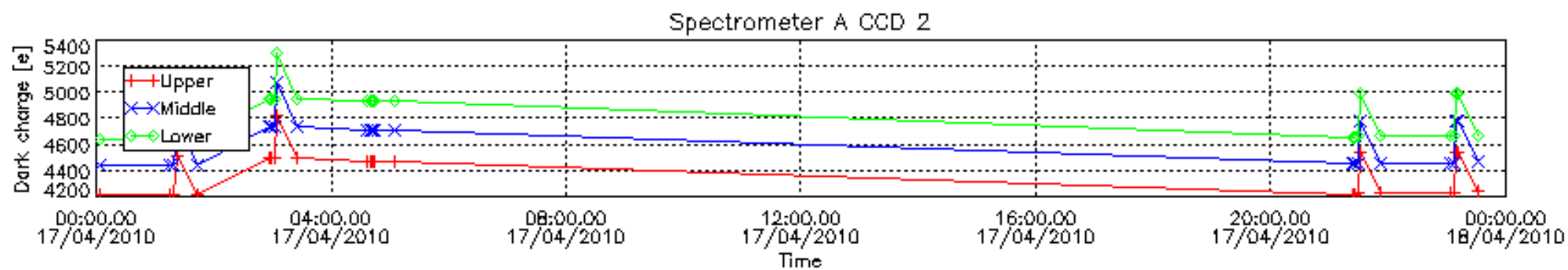
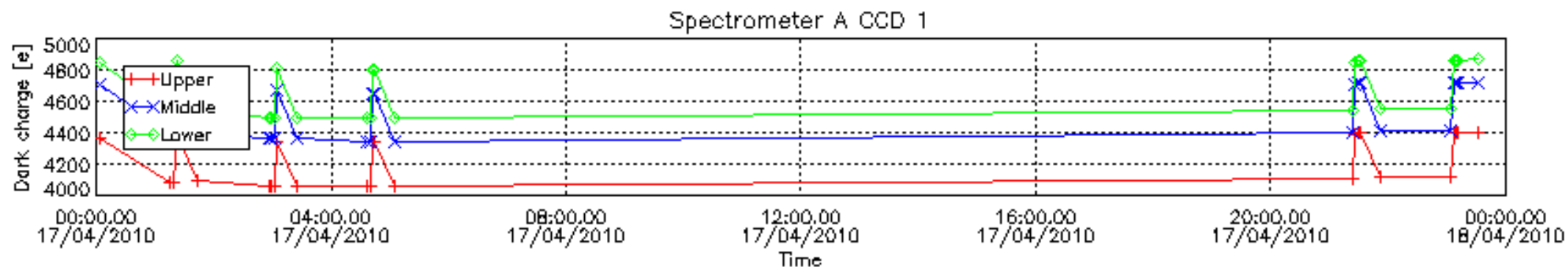
8. Auxiliary Data Files used for the production reported in section 2.4

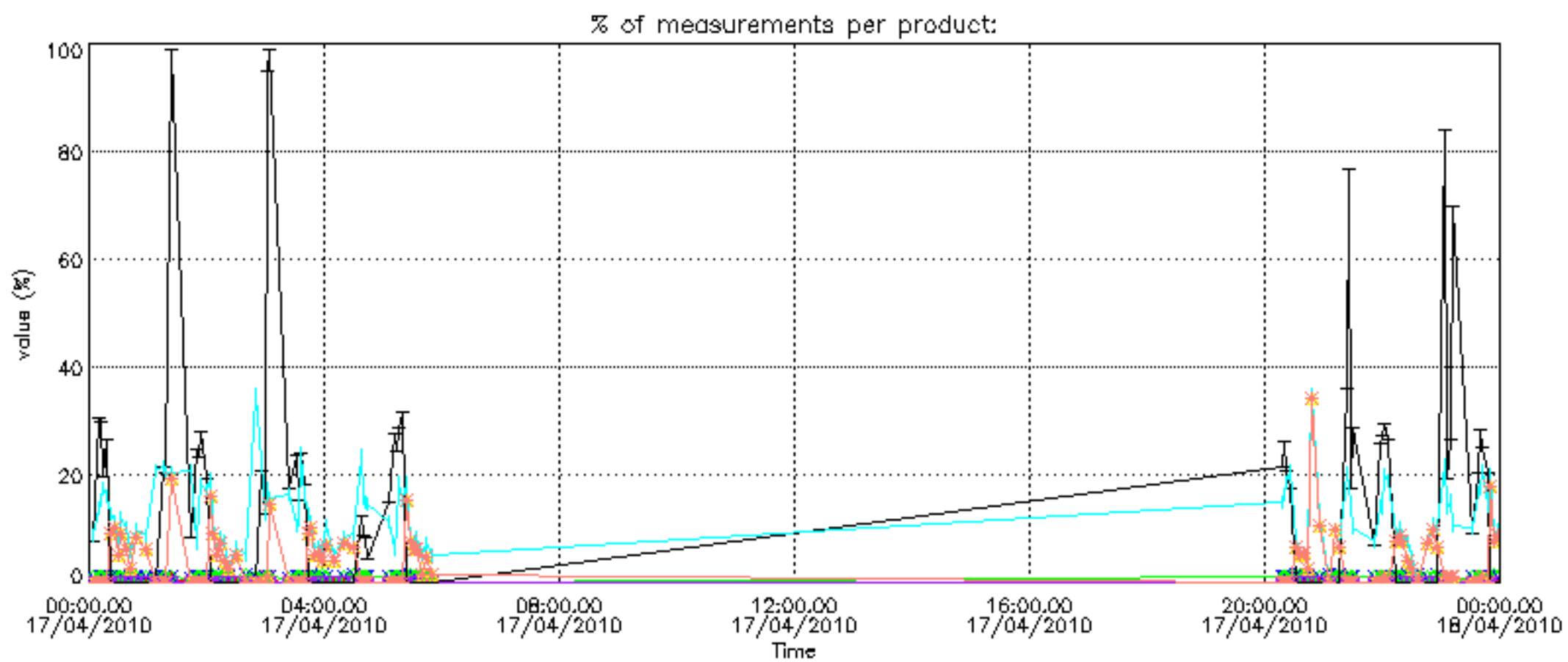
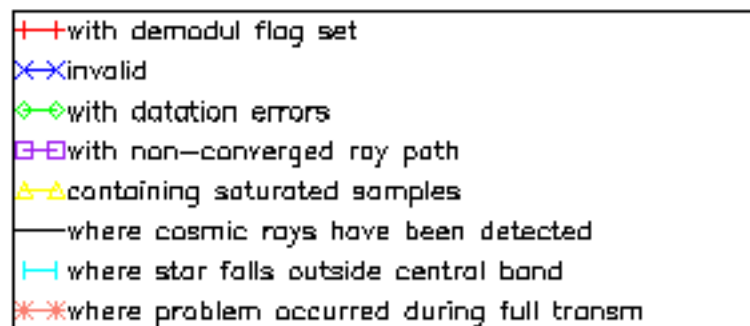
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-APR-2010 00:03:24
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100413_150709_20100411_000000_20500101_000000	1	17-APR-2010 00:03:24
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	17-APR-2010 00:03:24
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	17-APR-2010 00:03:24
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	17-APR-2010 00:03:24
ECMWF_FILE	AUX_ECF_AXNECM20100416_054116_20100416_210000_20100417_090000	1	17-APR-2010 00:03:24
ECMWF_FILE	AUX_ECF_AXNECM20100416_173046_20100417_030000_20100417_150000	49	17-APR-2010 04:20:05
ECMWF_FILE	AUX_ECF_AXNECM20100417_052116_20100417_150000_20100418_030000	67	17-APR-2010 20:17:34
ECMWF_FILE	AUX_ECF_AXNECM20100417_054115_20100417_210000_20100418_090000	82	17-APR-2010 21:28:33
OPTIONAL_ECMWF_FILE	MISSING	1	17-APR-2010 00:03:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100416_233652_000057382088_00359_42497_0174.N1	1	17-APR-2010 00:03:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100417_011749_000041442088_00360_42498_0175.N1	17	17-APR-2010 01:21:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100417_023212_000057382088_00361_42499_0176.N1	31	17-APR-2010 02:39:29
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100416_211046_20100416_084854_20100425_190944	49	17-APR-2010 04:20:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100417_201450_000038252088_00372_42510_0178.N1	67	17-APR-2010 20:17:34
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100417_212354_000060572088_00372_42510_0179.N1	82	17-APR-2010 21:28:33
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100417_094052_20100416_185230_20100426_201843	102	17-APR-2010 23:11:31

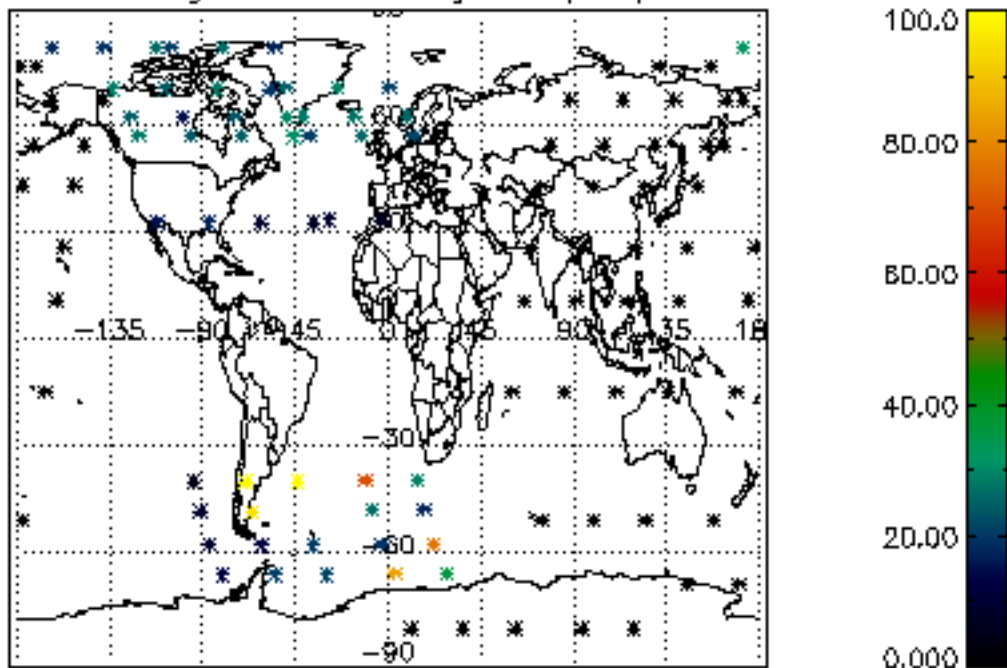




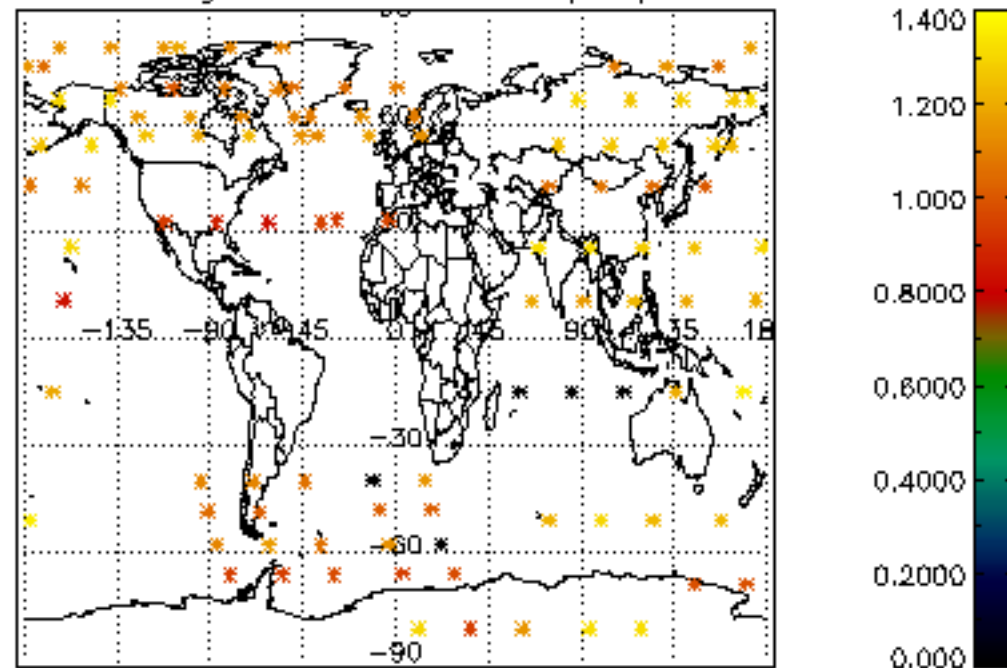




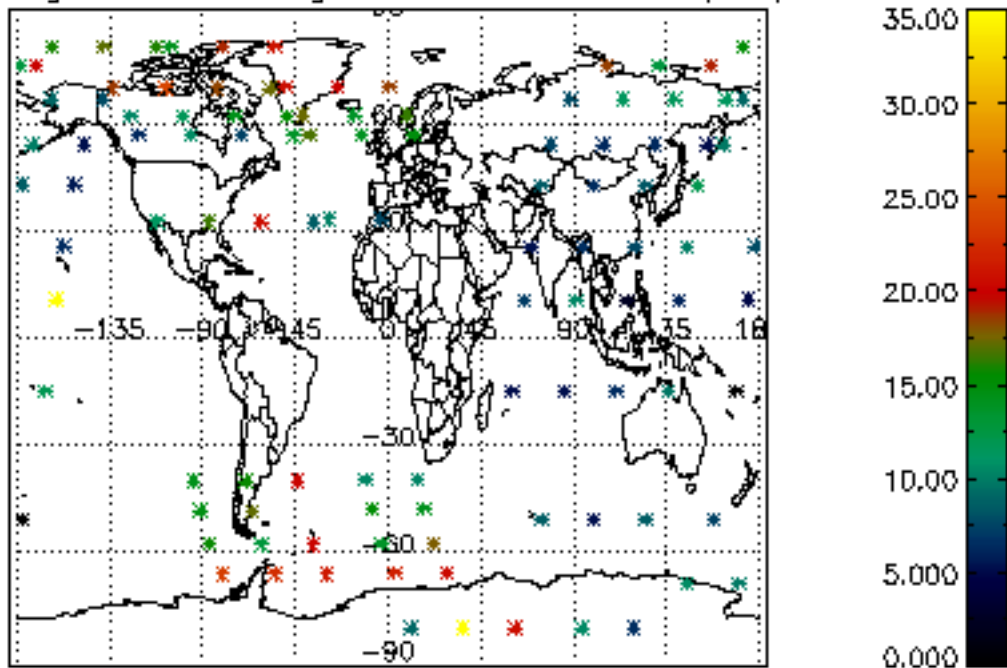
Percentage of cosmic ray hits per profile



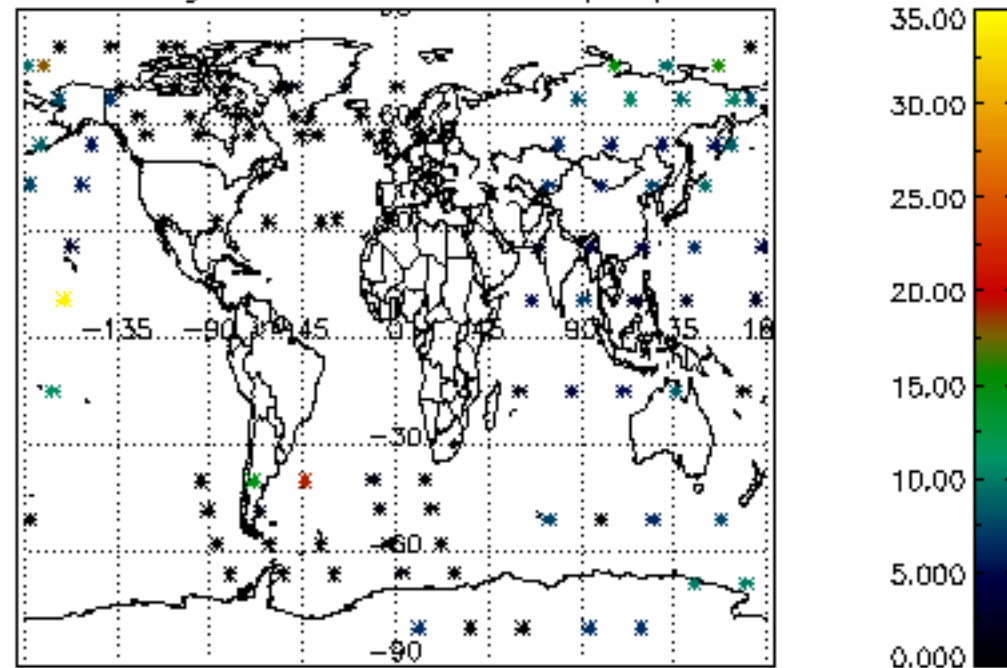
Percentage of datation errors per profile



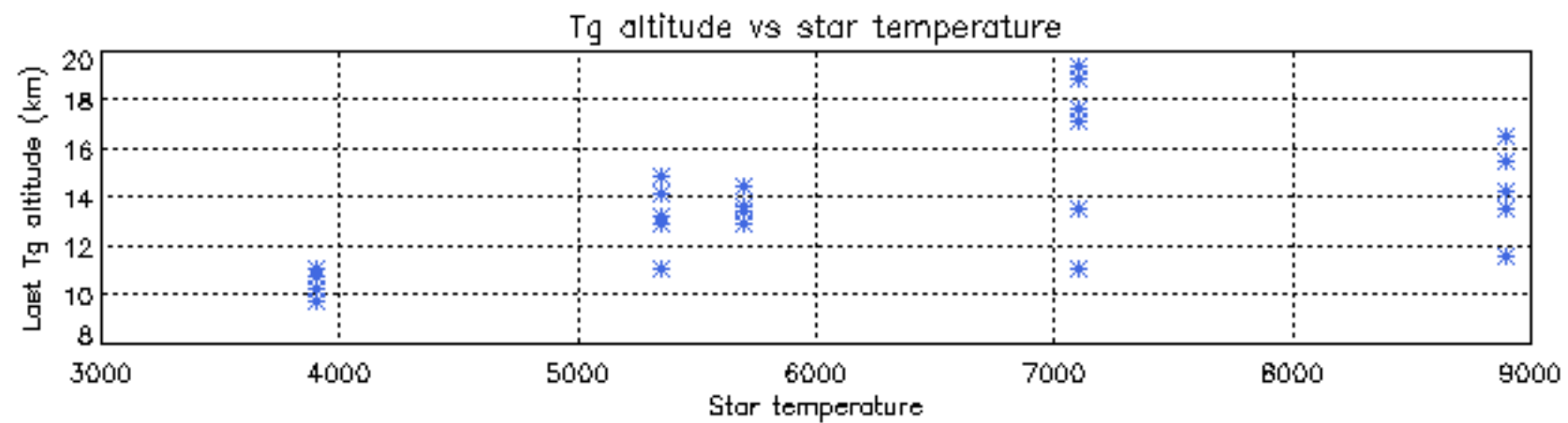
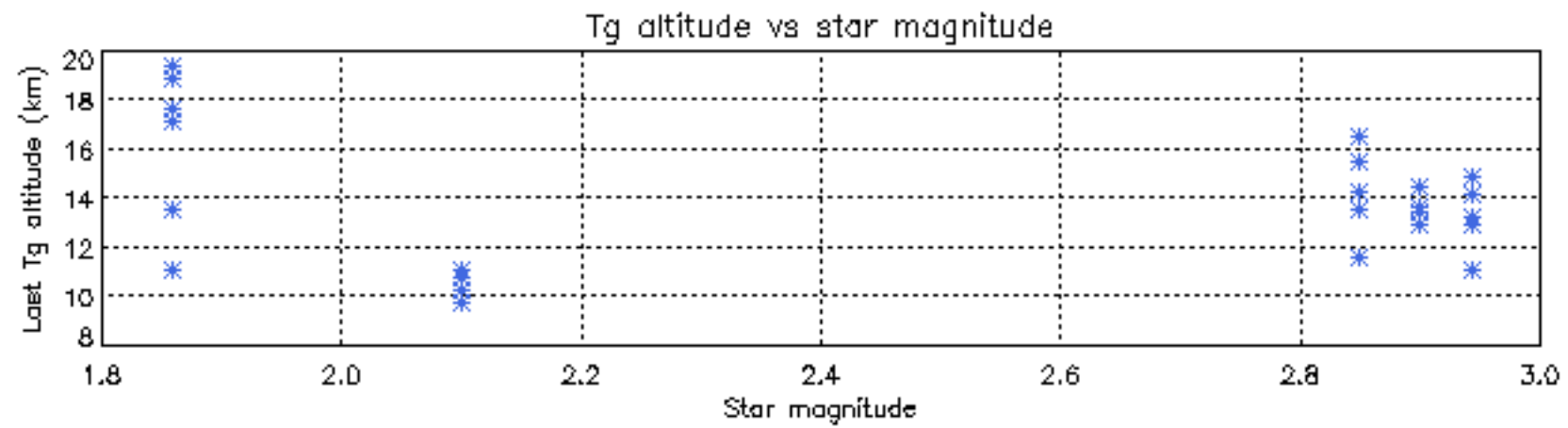
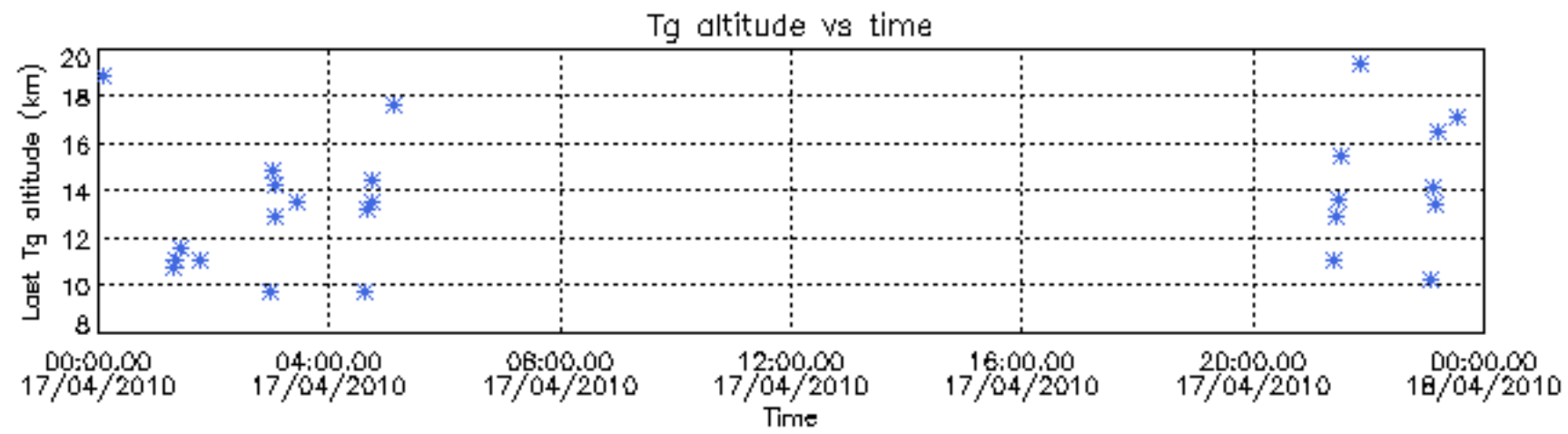
Percentage of star falling outside central band per profile



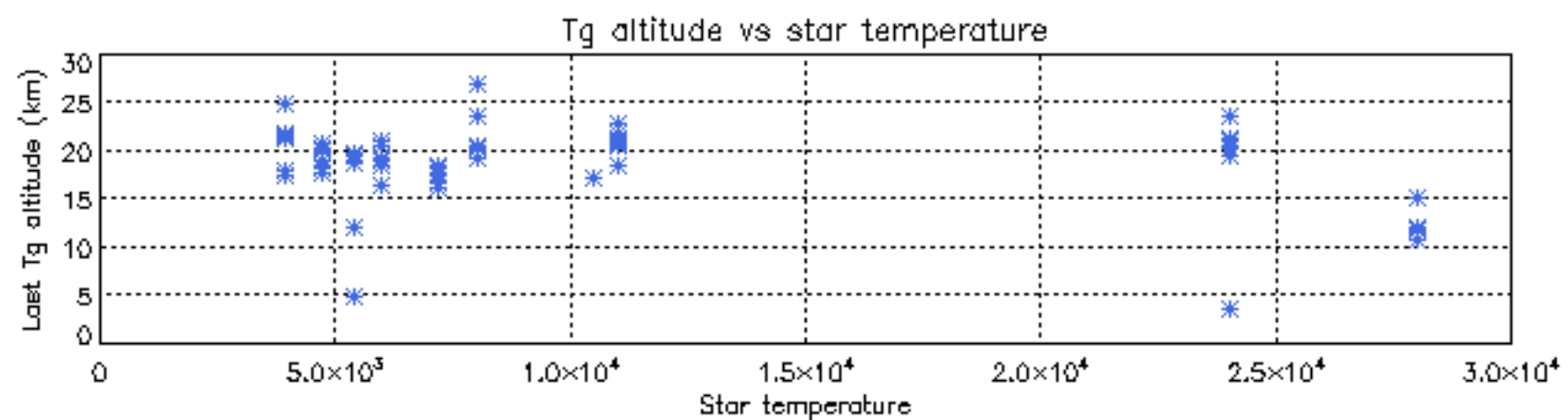
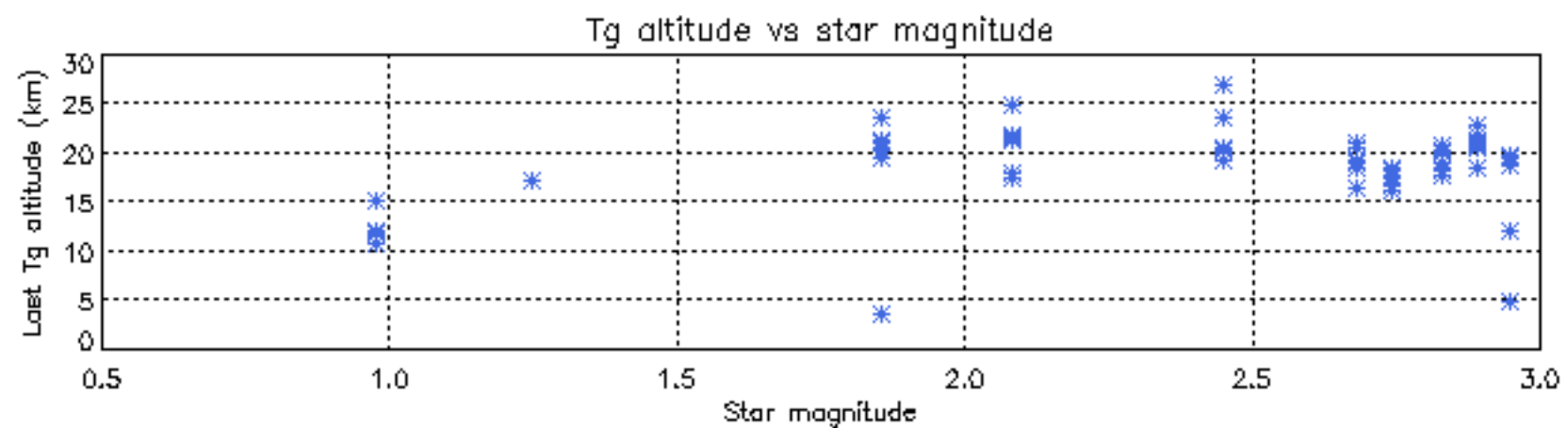
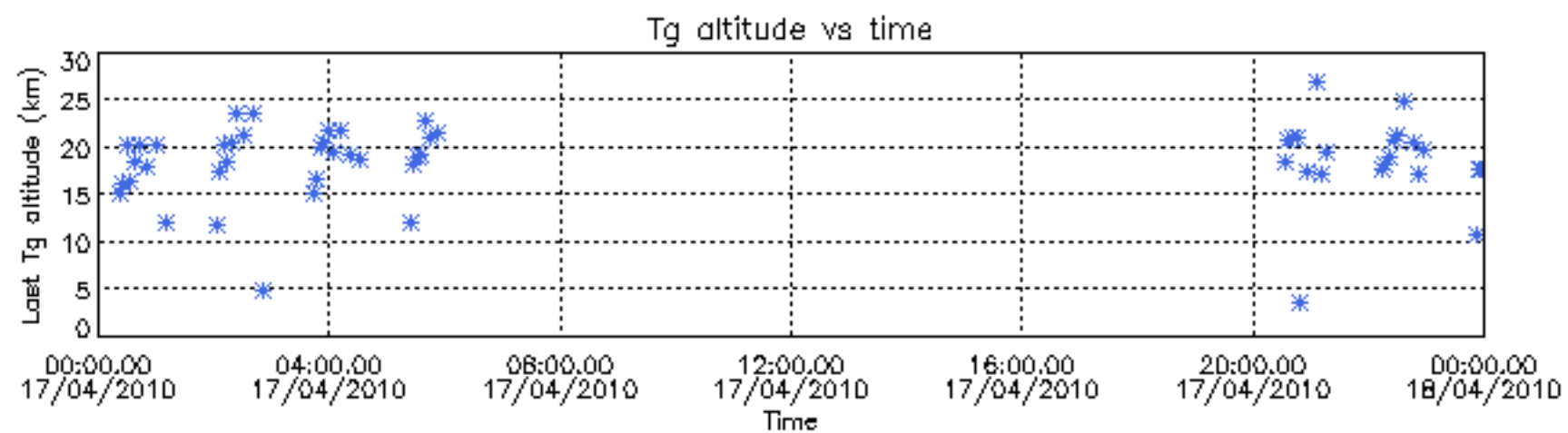
Percentage of saturation errors per profile

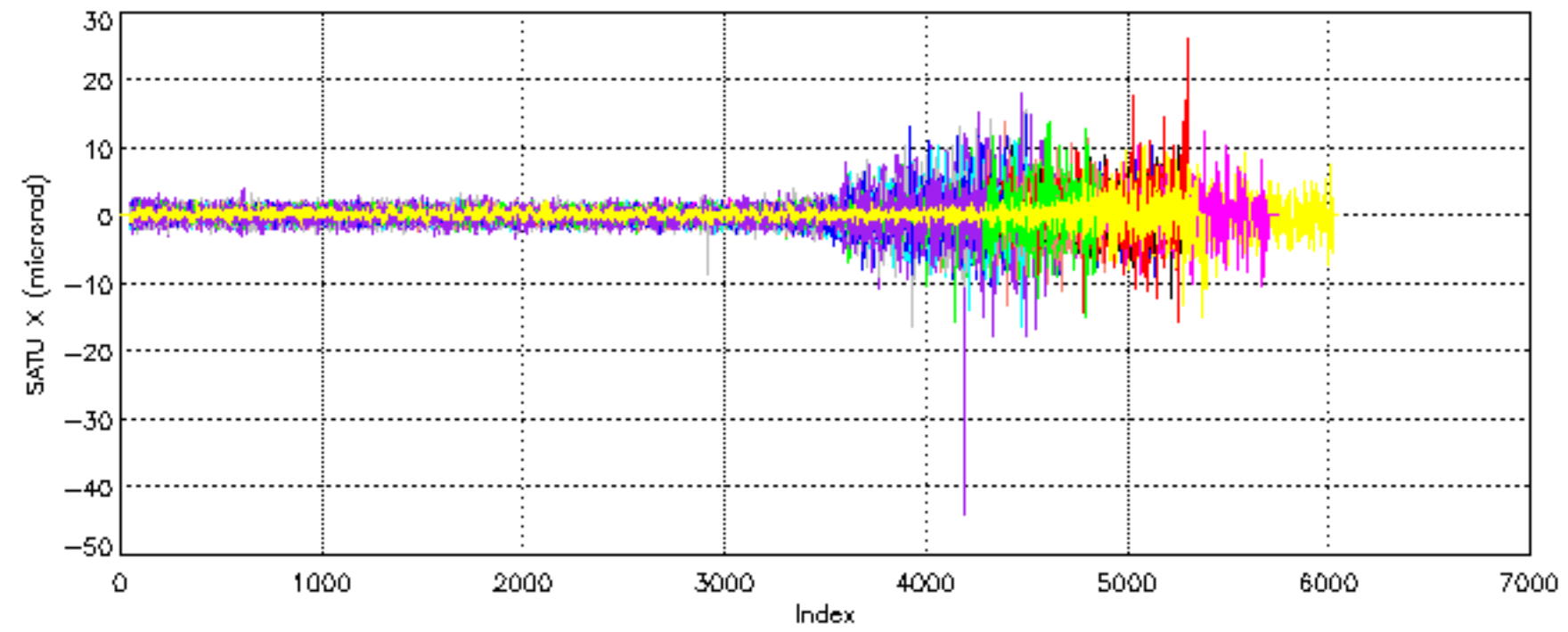


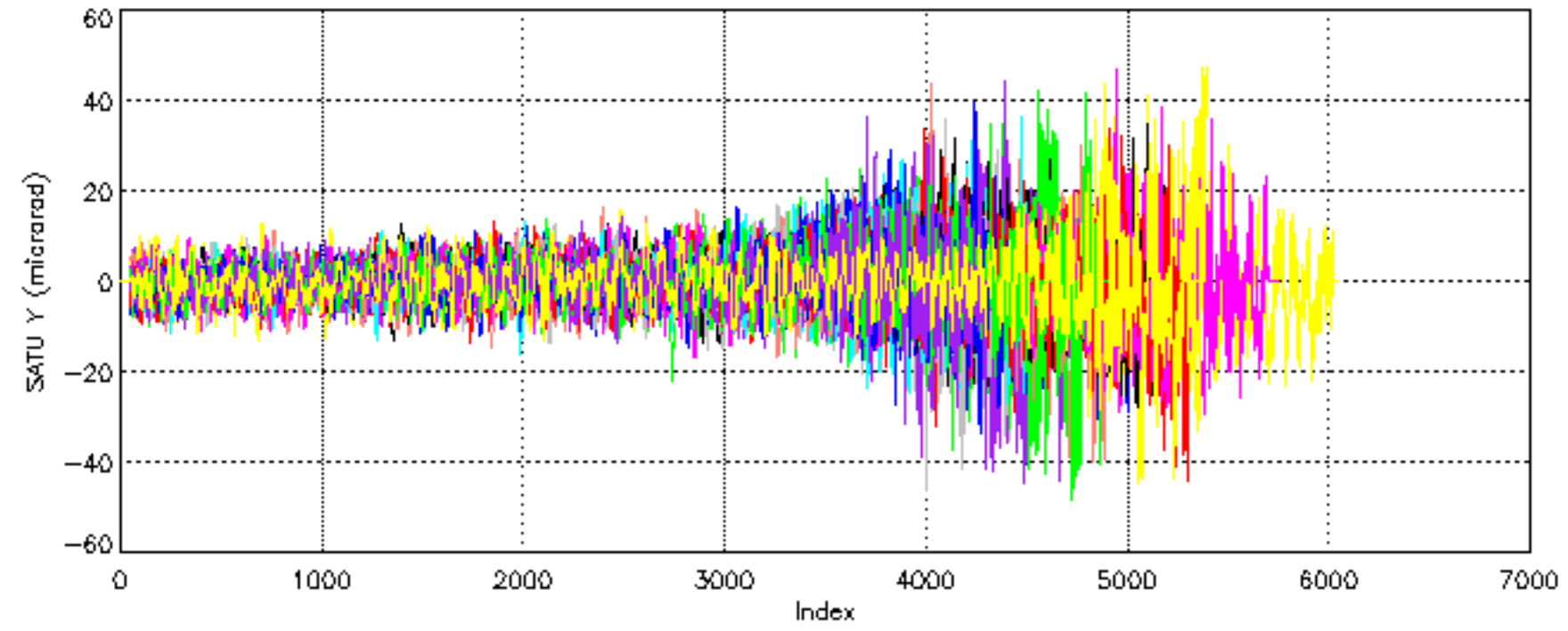
Tangent altitude at which the star is lost

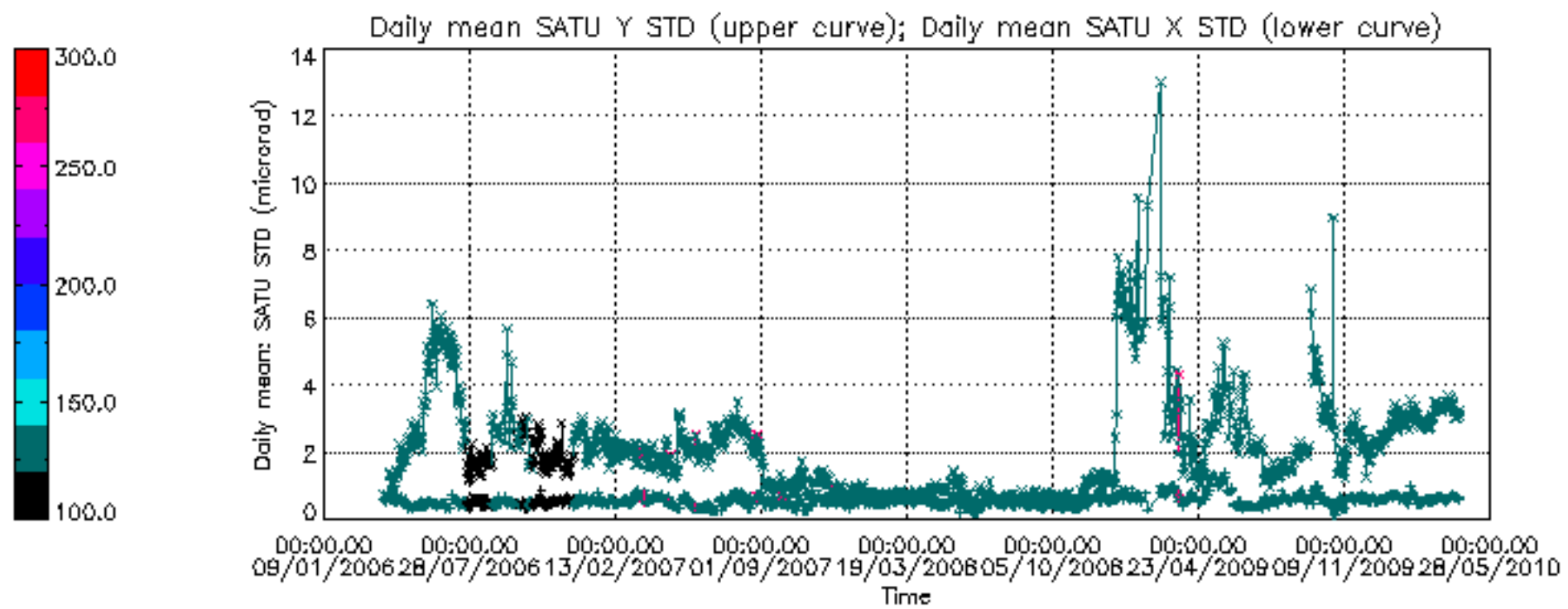


Tangent altitude at which the star is lost









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1; -315.4; 01-APR-2010 01:32:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42269
 2; 65.0; 01-APR-2010 01:38:53; Dark ; 57.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 114; 0;42270
 3; 293.1; 01-APR-2010 01:42:41; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;42270
 4; 515.4; 01-APR-2010 01:46:23; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;42270
 5; 673.7; 01-APR-2010 01:49:02; Dark ; 54.5; 4; Alp1Cen ;-0.01; 5800;occ; 109; 0;42270
 6; 838.3; 01-APR-2010 01:51:46; Dark ; 45.5; 78; Alp Lup ; 2.30; 28000;occ; 91; 0;42270
 7; 934.5; 01-APR-2010 01:53:23; Dark ; 48.0; 81; Eta Cen ; 2.36; 28000;occ; 96; 0;42270
 8; 1098.8; 01-APR-2010 01:56:07; Dark ; 51.5; 54; 5The Cen ; 2.06; 4500;occ; 103; 0;42270
 9; 1459.8; 01-APR-2010 02:02:08; Dark ; 46.5; 106; 9Bet Crv ; 2.65; 5600;occ; 93; 0;42270
 10; 1577.7; 01-APR-2010 02:04:06; Dark ; 41.5; 100; 4Gam Crv ; 2.58; 13100;occ; 83; 0;42270
 11; 1883.4; 01-APR-2010 02:09:11; Bright; 45.0; 121; 29Gam Vir ; 2.74; 7200;occ; 90; 0;42270
 12; 2160.8; 01-APR-2010 02:13:49; Bright; 38.5; 62; 94Bet Leo ; 2.14; 9700;occ; 77; 0;42270
 13; 2256.9; 01-APR-2010 02:15:25; Bright; 37.0; 96; 68Del Leo ; 2.56; 9300;occ; 74; 0;42270
 14; 2666.4; 01-APR-2010 02:22:15; Bright; 36.5; 174; 52Psi UMa ; 3.00; 4400;occ; 73; 0;42270
 15; 2848.5; 01-APR-2010 02:25:17; Bright; 37.0; 87; 64Gam UMa ; 2.43; 11000;occ; 74; 0;42270
 16; 2958.0; 01-APR-2010 02:27:06; Bright; 35.5; 36; 50Alp UMa ; 1.80; 6300;occ; 71; 0;42270
 17; 3338.3; 01-APR-2010 02:33:26; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;42270

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100401_024250_000055142088_00132_42270_9780.N1

1;-2133.9; 01-APR-2010 02:42:50; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;42270
 2;-1836.2; 01-APR-2010 02:47:48; Bright; 43.5; 144; 18Del Cyg ; 2.86; 11000;occ; 87; 0;42270
 3;-1723.2; 01-APR-2010 02:49:41; Bright; 44.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 89; 0;42270
 4;-1601.7; 01-APR-2010 02:51:42; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;42270
 5; -314.5; 01-APR-2010 03:13:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42270
 6; -148.2; 01-APR-2010 03:15:56; Dark ; 55.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 111; 0;42270
 7; 66.3; 01-APR-2010 03:19:30; Dark ; 53.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 107; 0;42271
 8; 294.5; 01-APR-2010 03:23:18; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;42271
 9; 515.9; 01-APR-2010 03:27:00; Dark ; 40.5; 134; Bet TrA ; 2.81; 6600;occ; 81; 0;42271
 10; 674.2; 01-APR-2010 03:29:38; Dark ; 52.5; 4; Alp1Cen ;-0.01; 5800;occ; 105; 0;42271
 11; 839.0; 01-APR-2010 03:32:23; Dark ; 44.5; 78; Alp Lup ; 2.30; 28000;occ; 89; 0;42271
 12; 935.3; 01-APR-2010 03:33:59; Dark ; 50.0; 81; Eta Cen ; 2.36; 28000;occ; 100; 0;42271
 13; 1099.5; 01-APR-2010 03:36:44; Dark ; 53.0; 54; 5The Cen ; 2.06; 4500;occ; 106; 0;42271
 14; 1460.1; 01-APR-2010 03:42:44; Dark ; 47.5; 106; 9Bet Crv ; 2.65; 5600;occ; 95; 0;42271
 15; 1578.0; 01-APR-2010 03:44:42; Dark ; 43.5; 100; 4Gam Crv ; 2.58; 13100;occ; 87; 0;42271
 16; 1883.1; 01-APR-2010 03:49:47; Bright; 44.5; 121; 29Gam Vir ; 2.74; 7200;occ; 89; 0;42271
 17; 2160.7; 01-APR-2010 03:54:25; Bright; 38.0; 62; 94Bet Leo ; 2.14; 9700;occ; 76; 0;42271
 18; 2257.1; 01-APR-2010 03:56:01; Bright; 37.0; 96; 68Del Leo ; 2.56; 9300;occ; 74; 0;42271
 19; 2666.3; 01-APR-2010 04:02:50; Bright; 37.5; 174; 52Psi UMa ; 3.00; 4400;occ; 75; 0;42271
 20; 2848.4; 01-APR-2010 04:05:52; Bright; 38.0; 87; 64Gam UMa ; 2.43; 11000;occ; 76; 0;42271
 21; 2957.9; 01-APR-2010 04:07:42; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;42271
 22; 3338.0; 01-APR-2010 04:14:02; Bright; 43.0; 60; 7Bet UMi ; 2.08; 3950;occ; 86; 0;42271

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1;-2134.0; 01-APR-2010 04:23:26; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;42271
 2;-1836.3; 01-APR-2010 04:28:24; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;42271
 3;-1723.1; 01-APR-2010 04:30:17; Bright; 44.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 89; 0;42271
 4;-1601.9; 01-APR-2010 04:32:18; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;42271
 5; -313.7; 01-APR-2010 04:53:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42271
 6; -146.6; 01-APR-2010 04:56:33; Dark ; 55.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 111; 0;42271
 7; 67.5; 01-APR-2010 05:00:08; Dark ; 55.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 111; 0;42272
 8; 295.5; 01-APR-2010 05:03:56; Dark ; 53.0; 40; The Sco ; 1.86; 7100;occ; 106; 0;42272
 9; 516.4; 01-APR-2010 05:07:36; Dark ; 40.5; 134; Bet TrA ; 2.81; 6600;occ; 81; 0;42272
 10; 674.7; 01-APR-2010 05:10:15; Dark ; 41.0; 4; Alp1Cen ;-0.01; 5800;occ; 82; 0;42272
 11; 839.6; 01-APR-2010 05:13:00; Dark ; 44.5; 78; Alp Lup ; 2.30; 28000;occ; 89; 0;42272
 12; 935.6; 01-APR-2010 05:14:36; Dark ; 47.0; 81; Eta Cen ; 2.36; 28000;occ; 94; 0;42272
 13; 1100.1; 01-APR-2010 05:17:20; Dark ; 52.5; 54; 5The Cen ; 2.06; 4500;occ; 105; 0;42272
 14; 1460.3; 01-APR-2010 05:23:20; Dark ; 46.5; 106; 9Bet Crv ; 2.65; 5600;occ; 93; 0;42272
 15; 1578.2; 01-APR-2010 05:25:18; Dark ; 42.5; 100; 4Gam Crv ; 2.58; 13100;occ; 85; 0;42272
 16; 1688.2; 01-APR-2010 05:27:08; Dark ; 29.0; 15; 67Alp Vir ; 0.98; 28000;occ; 58; 0;42272
 17; 1883.0; 01-APR-2010 05:30:23; Bright; 45.5; 121; 29Gam Vir ; 2.74; 7200;occ; 91; 0;42272
 18; 2160.5; 01-APR-2010 05:35:01; Bright; 39.5; 62; 94Bet Leo ; 2.14; 9700;occ; 79; 0;42272
 19; 2257.0; 01-APR-2010 05:36:37; Bright; 36.0; 96; 68Del Leo ; 2.56; 9300;occ; 72; 0;42272
 20; 2666.3; 01-APR-2010 05:43:26; Bright; 38.0; 174; 52Psi UMa ; 3.00; 4400;occ; 76; 0;42272
 21; 2848.4; 01-APR-2010 05:46:28; Bright; 37.0; 87; 64Gam UMa ; 2.43; 11000;occ; 74; 0;42272
 22; 2958.0; 01-APR-2010 05:48:18; Bright; 38.0; 36; 50Alp UMa ; 1.80; 6300;occ; 76; 0;42272
 23; 3337.6; 01-APR-2010 05:54:38; Bright; 57.5; 60; 7Bet UMi ; 2.08; 3950;occ; 115; 0;42272

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100401_202005_000042072088_00143_42281_9782.N1

1; 941.5; 01-APR-2010 20:20:05; Dark ; 46.5; 81; Eta Cen ; 2.36; 28000;occ; 93; 0;42281
 2; 1104.6; 01-APR-2010 20:22:48; Dark ; 50.0; 54; 5The Cen ; 2.06; 4500;occ; 100; 0;42281


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3; 1462.1; 01-APR-2010 20:28:46; Dark ; 45.0; 106; 9Bet Crv ; 2.65; 5600;occ; 90; 0;42281
4; 1579.6; 01-APR-2010 20:30:43; Dark ; 41.5; 100; 4Gam Crv ; 2.58; 13100;occ; 83; 0;42281
5; 1688.0; 01-APR-2010 20:32:31; Dark ; 54.0; 15; 67Alp Vir ; 0.98; 28000;occ; 108; 0;42281
6; 1882.1; 01-APR-2010 20:35:46; Bright; 44.0; 121; 29Gam Vir ; 2.74; 7200;occ; 88; 0;42281
7; 2159.5; 01-APR-2010 20:40:23; Bright; 38.5; 62; 94Bet Leo ; 2.14; 9700;occ; 77; 0;42281
8; 2665.5; 01-APR-2010 20:48:49; Bright; 37.0; 174; 52Psi UMa ; 3.00; 4400;occ; 74; 0;42281
9; 2846.1; 01-APR-2010 20:51:49; Bright; 37.5; 87; 64Gam UMa ; 2.43; 11000;occ; 75; 0;42281
10; 2959.3; 01-APR-2010 20:53:43; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;42281
11; 3334.8; 01-APR-2010 20:59:58; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;42281
12; 3901.3; 01-APR-2010 21:09:25; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;42281
13; 4198.0; 01-APR-2010 21:14:21; Bright; 47.0; 144; 18Del Cyg ; 2.86; 11000;occ; 94; 0;42281
14; 4312.8; 01-APR-2010 21:16:16; Bright; 46.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 93; 0;42281
15; 4435.5; 01-APR-2010 21:18:19; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;42281
16; 4829.5; 01-APR-2010 21:24:53; Dark ; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;42281
17; 5105.6; 01-APR-2010 21:29:29; Dark ; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;42281
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2; -132.8; 01-APR-2010 21:42:47; Dark ; 42.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 84; 0;42281
3; 80.8; 01-APR-2010 21:46:20; Dark ; 56.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 112; 0;42282
4; 306.4; 01-APR-2010 21:50:06; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;42282
5; 521.6; 01-APR-2010 21:53:41; Dark ; 39.5; 134; Bet TrA ; 2.81; 6600;occ; 79; 0;42282
6; 679.4; 01-APR-2010 21:56:19; Dark ; 53.0; 4; Alp1Cen ; -0.01; 5800;occ; 106; 0;42282
7; 845.9; 01-APR-2010 21:59:05; Dark ; 48.0; 78; Alp Lup ; 2.30; 28000;occ; 96; 0;42282
8; 942.1; 01-APR-2010 22:00:41; Dark ; 48.0; 81; Eta Cen ; 2.36; 28000;occ; 96; 0;42282
9; 1105.1; 01-APR-2010 22:03:24; Dark ; 53.0; 54; 5The Cen ; 2.06; 4500;occ; 106; 0;42282
10; 1462.2; 01-APR-2010 22:09:21; Dark ; 46.5; 106; 9Bet Crv ; 2.65; 5600;occ; 93; 0;42282
11; 1579.6; 01-APR-2010 22:11:19; Dark ; 43.0; 100; 4Gam Crv ; 2.58; 13100;occ; 86; 0;42282
12; 1688.0; 01-APR-2010 22:13:07; Dark ; 59.5; 15; 67Alp Vir ; 0.98; 28000;occ; 119; 0;42282
13; 1881.8; 01-APR-2010 22:16:21; Bright; 44.0; 121; 29Gam Vir ; 2.74; 7200;occ; 88; 0;42282
14; 2159.5; 01-APR-2010 22:20:59; Bright; 40.5; 62; 94Bet Leo ; 2.14; 9700;occ; 81; 0;42282
15; 2665.8; 01-APR-2010 22:29:25; Bright; 36.5; 174; 52Psi UMa ; 3.00; 4400;occ; 73; 0;42282
16; 2845.9; 01-APR-2010 22:32:25; Bright; 38.0; 87; 64Gam UMa ; 2.43; 11000;occ; 76; 0;42282
17; 2954.9; 01-APR-2010 22:34:14; Bright; 43.0; 32; 77Eps UMa ; 1.76; 11000;occ; 86; 0;42282
18; 3334.4; 01-APR-2010 22:40:34; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;42282
19; 3901.3; 01-APR-2010 22:50:01; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;42282
20; 4213.2; 01-APR-2010 22:55:12; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;42282
21; 4312.8; 01-APR-2010 22:56:52; Bright; 46.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 93; 0;42282
22; 4435.4; 01-APR-2010 22:58:55; Bright; 44.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 88; 0;42282
23; 4829.9; 01-APR-2010 23:05:29; Dark ; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;42282
24; 5106.4; 01-APR-2010 23:10:06; Dark ; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;42282
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2; -131.7; 01-APR-2010 23:23:23; Dark ; 36.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 72; 0;42282
3; 82.4; 01-APR-2010 23:26:58; Dark ; 55.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 110; 0;42283
4; 307.6; 01-APR-2010 23:30:43; Dark ; 52.5; 40; The Sco ; 1.86; 7100;occ; 105; 0;42283
5; 522.1; 01-APR-2010 23:34:17; Dark ; 40.0; 134; Bet TrA ; 2.81; 6600;occ; 80; 0;42283
6; 680.0; 01-APR-2010 23:36:55; Dark ; 44.5; 4; Alp1Cen ; -0.01; 5800;occ; 89; 0;42283
7; 846.3; 01-APR-2010 23:39:41; Dark ; 46.0; 78; Alp Lup ; 2.30; 28000;occ; 92; 0;42283
8; 942.9; 01-APR-2010 23:41:18; Dark ; 46.5; 81; Eta Cen ; 2.36; 28000;occ; 93; 0;42283
9; 1105.5; 01-APR-2010 23:44:01; Dark ; 53.5; 54; 5The Cen ; 2.06; 4500;occ; 107; 0;42283
10; 1462.5; 01-APR-2010 23:49:58; Dark ; 45.5; 106; 9Bet Crv ; 2.65; 5600;occ; 91; 0;42283
11; 1579.8; 01-APR-2010 23:51:55; Dark ; 44.5; 100; 4Gam Crv ; 2.58; 13100;occ; 89; 0;42283
12; 1687.6; 01-APR-2010 23:53:43; Dark ; 60.0; 15; 67Alp Vir ; 0.98; 28000;occ; 120; 0;42283
13; 1881.7; 01-APR-2010 23:56:57; Bright; 45.0; 121; 29Gam Vir ; 2.74; 7200;occ; 90; 0;42283
14; 2159.6; 02-APR-2010 00:01:35; Bright; 39.5; 62; 94Bet Leo ; 2.14; 9700;occ; 79; 0;42283
15; 2665.6; 02-APR-2010 00:10:01; Bright; 35.0; 174; 52Psi UMa ; 3.00; 4400;occ; 70; 0;42283
16; 2845.7; 02-APR-2010 00:13:01; Bright; 37.0; 87; 64Gam UMa ; 2.43; 11000;occ; 74; 0;42283
17; 2954.5; 02-APR-2010 00:14:50; Bright; 42.5; 32; 77Eps UMa ; 1.76; 11000;occ; 85; 0;42283
18; 3334.0; 02-APR-2010 00:21:09; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;42283
19; 3901.1; 02-APR-2010 00:30:36; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;42283
20; 4213.4; 02-APR-2010 00:35:49; Bright; 45.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 90; 0;42283
21; 4312.7; 02-APR-2010 00:37:28; Bright; 45.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 90; 0;42283
22; 4435.6; 02-APR-2010 00:39:31; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;42283
23; 4830.0; 02-APR-2010 00:46:05; Dark ; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;42283
24; 5106.5; 02-APR-2010 00:50:42; Dark ; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;42283
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1; -2134.1; 01-APR-2010 06:04:02; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;42272
2; -1836.7; 01-APR-2010 06:08:59; Bright; 46.0; 144; 18Del Cyg ; 2.86; 11000;occ; 92; 0;42272

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3; -1723.2; 01-APR-2010 06:10:53; Bright; 46.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 93; 0;42272
 4; -1601.7; 01-APR-2010 06:12:54; Bright; 53.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 106; 0;42272
 5; -312.9; 01-APR-2010 06:34:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42272
 6; -145.3; 01-APR-2010 06:37:11; Dark ; 59.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 119; 0;42272
 7; 69.4; 01-APR-2010 06:40:45; Dark ; 53.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 107; 0;42273
 8; 296.4; 01-APR-2010 06:44:32; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;42273
 9; 517.0; 01-APR-2010 06:48:13; Dark ; 40.5; 134; Bet TrA ; 2.81; 6600;occ; 81; 0;42273
 10; 675.4; 01-APR-2010 06:50:51; Dark ; 48.5; 4; Alp1Cen ; -0.01; 5800;occ; 97; 0;42273
 11; 840.1; 01-APR-2010 06:53:36; Dark ; 47.0; 78; Alp Lup ; 2.30; 28000;occ; 94; 0;42273
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 13; 1100.6; 01-APR-2010 06:57:57; Dark ; 53.5; 54; 5The Cen ; 2.06; 4500;occ; 107; 0;42273
 14; 1460.4; 01-APR-2010 07:03:56; Dark ; 46.0; 106; 9Bet Crv ; 2.65; 5600;occ; 92; 0;42273
 15; 1578.5; 01-APR-2010 07:05:55; Dark ; 42.5; 100; 4Gam Crv ; 2.58; 13100;occ; 85; 0;42273
 16; 1688.4; 01-APR-2010 07:07:44; Dark ; 28.5; 15; 67Alp Vir ; 0.98; 28000;occ; 57; 0;42273

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 2; 1883.2; 01-APR-2010 07:10:59; Bright; 44.5; 121; 29Gam Vir ; 2.74; 7200;occ; 89; 0;42273
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 4; 2257.0; 01-APR-2010 07:17:13; Bright; 36.0; 96; 68Del Leo ; 2.56; 9300;occ; 72; 0;42273
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9; 3901.8; 01-APR-2010 14:27:01; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;42277
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 9; 4194.5; 03-APR-2010 08:26:52; Bright; 46.0; 144; 18Del Cyg ; 2.86; 11000;occ; 92; 0;42302
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 13; 5114.2; 03-APR-2010 08:42:12; Dark ; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;42302
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11; 4437.6; 03-APR-2010 11:52:07; Bright; 46.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 92; 0;42304
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 4; 2571.8; 21-APR-2010 08:34:17; Bright; 51.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 102; 0;42560
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 8; 3863.9; 21-APR-2010 08:55:49; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;42560
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9; 2787.5; 26-APR-2010 17:43:58; Bright; 42.5; 39; 85Eta UMa ; 1.85; 24000;occ; 85; 0;42637
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13; 4754.9; 26-APR-2010 18:16:46; Dark ; 44.5; 90; 54Alp Peg ; 2.49; 11000;occ; 89; 0;42637
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16; 5330.8; 26-APR-2010 18:26:22; Dark ; 54.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 108; 0;42637
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21; 6631.3; 26-APR-2010 18:48:02; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;42638
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13; 4498.5; 26-APR-2010 19:53:05; Bright; 58.0; 164; 44Eta Peg ; 2.95; 5400;occ; 116; 0;42638
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22; 6632.0; 26-APR-2010 20:28:39; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;42639
23; 6726.0; 26-APR-2010 20:30:13; Dark ; 58.0; 40; The Sco ; 1.86; 7100;occ; 116; 0;42639

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6; 596.8; 26-APR-2010 22:09:16; Dark ; 46.5; 141; Bet Ara ; 2.84; 4600;occ; 93; 0;42640
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3; 1239.4; 26-APR-2010 20:39:22; Dark ; 45.0; 54; 5The Cen ; 2.06; 4500;occ; 90; 0;42639
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12; 4500.8; 27-APR-2010 21:02:07; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;42653
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6; 2779.0; 28-APR-2010 20:01:48; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;42667
7; 2860.3; 28-APR-2010 20:03:09; Bright; 36.5; 32; 77Eps UMa ; 1.76; 11000;occ; 73; 0;42667
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6; 1586.9; 29-APR-2010 00:43:44; Bright; 49.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 98; 0;42670
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8; 2472.6; 29-APR-2010 00:58:29; Bright; 48.0; 83; ; 2.38; 11000;occ; 96; 0;42670
9; 2650.8; 29-APR-2010 01:01:27; Bright; 41.5; 180; 27Gam Boo ; 3.04; 8000;occ; 83; 0;42670
10; 2777.9; 29-APR-2010 01:03:35; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;42670
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 14; 2470.9; 29-APR-2010 06:00:15; Bright; 49.0; 83; ; 2.38; 11000;occ; 98; 0;42673
 15; 2649.6; 29-APR-2010 06:03:14; Bright; 41.5; 180; 27Gam Boo ; 3.04; 8000;occ; 83; 0;42673
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 8; 2465.8; 29-APR-2010 21:05:34; Bright; 48.5; 83; ; 2.38; 11000;occ; 97; 0;42682
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 13; 4146.5; 29-APR-2010 21:33:34; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;42682
 14; 4505.5; 29-APR-2010 21:39:34; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;42682


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