

GOMOS Daily Report 01-JUL-2010

Level 0 and Level 1 products

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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	05JUL2010 04:54:22
Data source version	GOMOS/5.01
Start time of products	01JUL2010 00:01:37
Stop time of products	01JUL2010 23:43:14
Store outputs in DB	Yes
Nb of level 1b prods	107
Nb of prods with errors	0

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

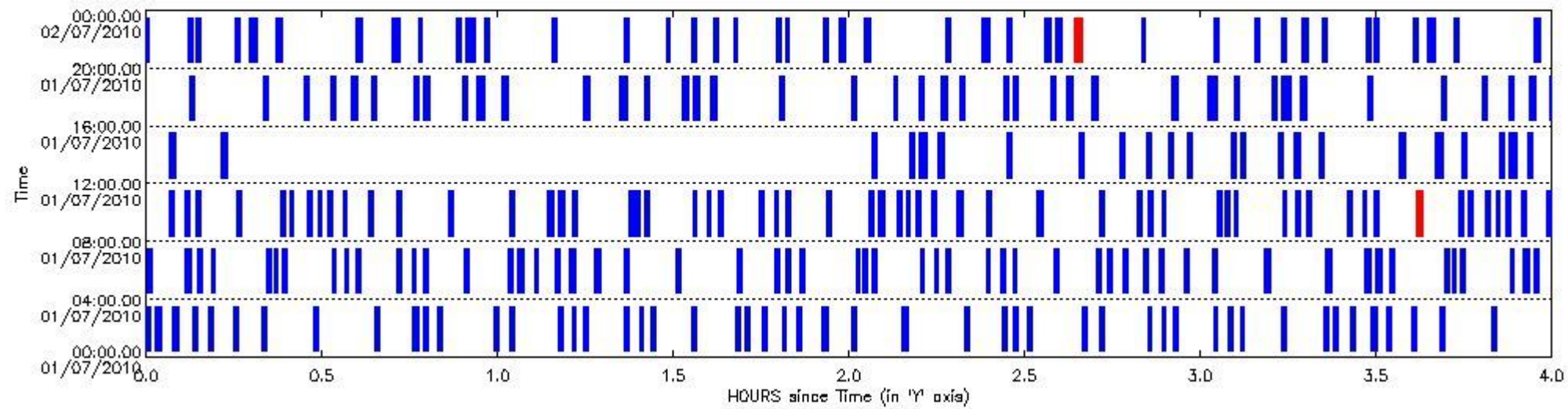
2.1 Level 0 products arrived in PCF (see template [here](#))

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
01-JUL-2010 11:36:51	5AlpCep	89	43578
01-JUL-2010 22:38:27	GamGru	172	43585

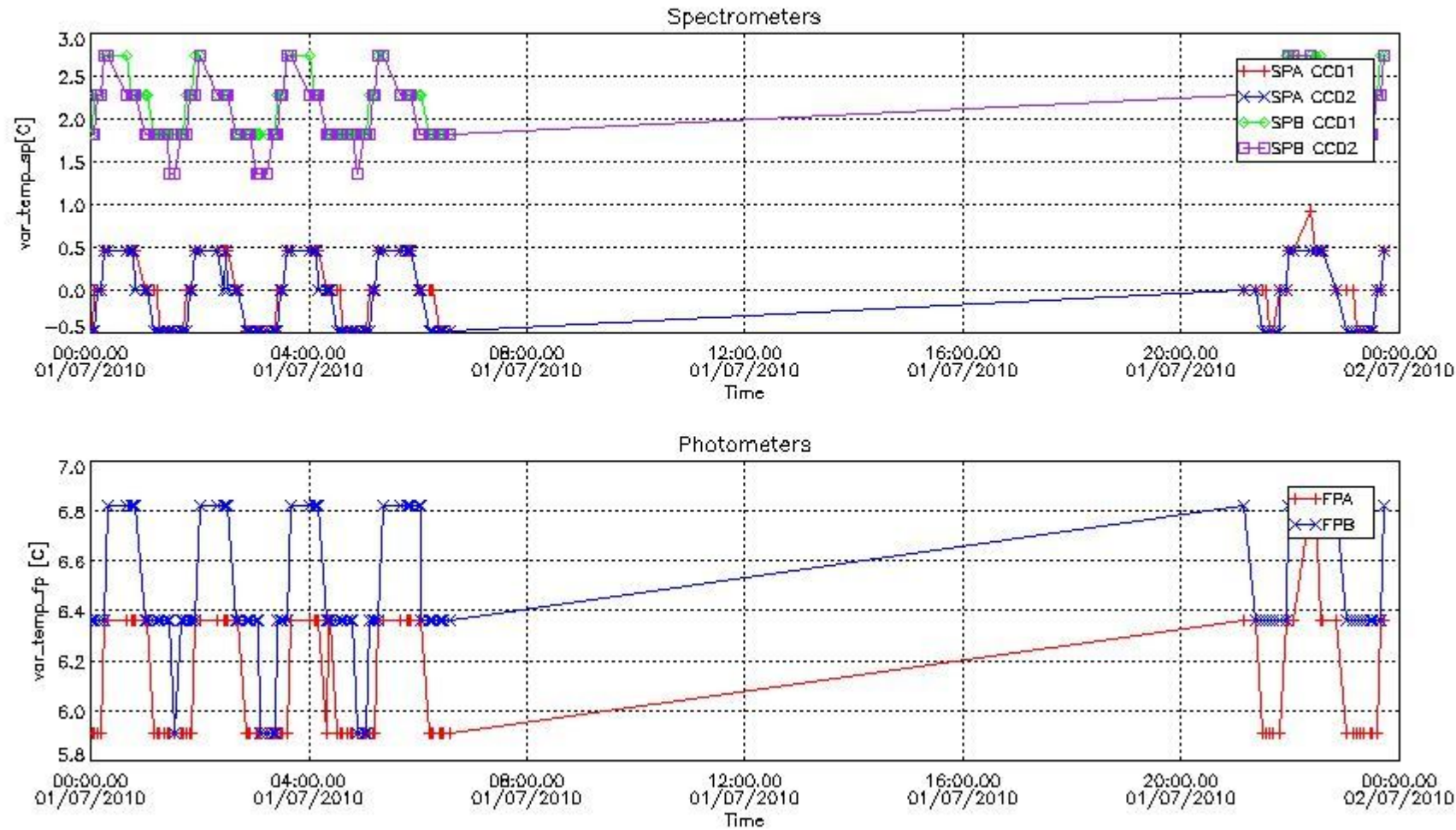
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100701_000137_000000512090_00431_43571_3385.N1	01-JUL-2010 00:01:37	Bright	51.000	68	18Alp Cas	2.2250	4500.0	102	43571	No
2	GOM_TRA_1PNPDE20100701_000431_000000562090_00431_43571_3386.N1	01-JUL-2010 00:04:31	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	43571	No
3	GOM_TRA_1PNPDE20100701_000755_000000532090_00431_43571_3387.N1	01-JUL-2010 00:07:55	Bright	52.500	73	57Gam1And	2.2600	13100.	105	43571	No
4	GOM_TRA_1PNPDE20100701_001033_000000502090_00431_43571_3388.N1	01-JUL-2010 00:10:33	Twilight	49.500	173	4Bet Tri	3.0040	8900.0	99	43571	No
5	GOM_TRA_1PNPDE20100701_001446_000000572090_00431_43571_3389.N1	01-JUL-2010 00:14:46	Dark	56.500	50	13Alp Ari	2.0070	4250.0	113	43571	No
6	GOM_TRA_1PNPDE20100701_001944_000000532090_00431_43571_3390.N1	01-JUL-2010 00:19:44	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43571	No
7	GOM_TRA_1PNPDE20100701_003859_000000532090_00432_43572_3398.N1	01-JUL-2010 00:38:59	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43572	No
8	GOM_TRA_1PNPDE20100701_004528_000000572090_00432_43572_3399.N1	01-JUL-2010 00:45:28	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	43572	No
9	GOM_TRA_1PNPDE20100701_004724_000000472090_00432_43572_3400.N1	01-JUL-2010 00:47:24	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43572	No

10	GOM_TRA_1PNPDE20100701_004948_000000412090_00432_43572_3401.N1	01-JUL-2010 00:49:48	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43572	No
11	GOM_TRA_1PNPDE20100701_005918_000000492090_00432_43572_3402.N1	01-JUL-2010 00:59:18	Twilight_stray	49.000	103	38Zet Sgr	2.6000	9700.0	98	43572	No
12	GOM_TRA_1PNPDE20100701_010204_000000472090_00432_43572_3403.N1	01-JUL-2010 01:02:04	Bright	46.500	155	41Pi Sgr	2.9000	6600.0	93	43572	No
13	GOM_TRA_1PNPDE20100701_011026_000000382090_00432_43572_3404.N1	01-JUL-2010 01:10:26	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	43572	No
14	GOM_TRA_1PNPDE20100701_011246_000000382090_00432_43572_3405.N1	01-JUL-2010 01:12:46	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	43572	No
15	GOM_TRA_1PNPDE20100701_011438_000000482090_00432_43572_3406.N1	01-JUL-2010 01:14:38	Bright	47.500	168	17Zet Aql	2.9860	11000.	95	43572	No
16	GOM_TRA_1PNPDE20100701_012137_000000412090_00432_43572_3407.N1	01-JUL-2010 01:21:37	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43572	No
17	GOM_TRA_1PNPDE20100701_012414_000000362090_00432_43572_3408.N1	01-JUL-2010 01:24:14	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	43572	No
18	GOM_TRA_1PNPDE20100701_012609_000000402090_00432_43572_3409.N1	01-JUL-2010 01:26:09	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43572	No
19	GOM_TRA_1PNPDE20100701_013310_000000462090_00432_43572_3410.N1	01-JUL-2010 01:33:10	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43572	No
20	GOM_TRA_1PNPDE20100701_014030_000000482090_00432_43572_3411.N1	01-JUL-2010 01:40:30	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	43572	No
21	GOM_TRA_1PNPDE20100701_014212_000000502090_00432_43572_3412.N1	01-JUL-2010 01:42:12	Bright	50.000	68	18Alp Cas	2.2250	4500.0	100	43572	No
22	GOM_TRA_1PNPDE20100701_014507_000000562090_00432_43572_3413.N1	01-JUL-2010 01:45:07	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	43572	No
23	GOM_TRA_1PNPDE20100701_014831_000000462090_00432_43572_3414.N1	01-JUL-2010 01:48:31	Bright	46.000	73	57Gam1And	2.2600	13100.	92	43572	No
24	GOM_TRA_1PNPDE20100701_015108_000000502090_00432_43572_3415.N1	01-JUL-2010 01:51:08	Twilight_stray	49.500	173	4Bet Tri	3.0040	8900.0	99	43572	No
25	GOM_TRA_1PNPDE20100701_015523_000000612090_00432_43572_3416.N1	01-JUL-2010 01:55:23	Dark	60.500	50	13Alp Ari	2.0070	4250.0	121	43572	No
26	GOM_TRA_1PNPDE20100701_020020_000000492090_00432_43572_3417.N1	01-JUL-2010 02:00:20	Dark	48.500	94	92Alp Cet	2.5260	3100.0	97	43572	No
27	GOM_TRA_1PNPDE20100701_021935_000000582090_00433_43573_3413.N1	01-JUL-2010 02:19:35	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43573	No
28	GOM_TRA_1PNPDE20100701_022604_000000542090_00433_43573_3414.N1	01-JUL-2010 02:26:04	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	43573	No
29	GOM_TRA_1PNPDE20100701_022801_000000552090_00433_43573_3415.N1	01-JUL-2010 02:28:01	Straylight	55.000	31	Alp Gru	1.7340	15200.	110	43573	No
30	GOM_TRA_1PNPDE20100701_023025_000000472090_00433_43573_3416.N1	01-JUL-2010 02:30:25	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	43573	No
31	GOM_TRA_1PNPDE20100701_023954_000000472090_00433_43573_3417.N1	01-JUL-2010 02:39:54	Twilight_stray	46.500	103	38Zet Sgr	2.6000	9700.0	93	43573	No
32	GOM_TRA_1PNPDE20100701_024241_000000472090_00433_43573_3418.N1	01-JUL-2010 02:42:41	Bright	46.500	155	41Pi Sgr	2.9000	6600.0	93	43573	No
33	GOM_TRA_1PNPDE20100701_025102_000000372090_00433_43573_3419.N1	01-JUL-2010 02:51:02	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	43573	No
34	GOM_TRA_1PNPDE20100701_025322_000000382090_00433_43573_3420.N1	01-JUL-2010 02:53:22	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	43573	No
35	GOM_TRA_1PNPDE20100701_025513_000000502090_00433_43573_3421.N1	01-JUL-2010 02:55:13	Bright	49.500	168	17Zet Aql	2.9860	11000.	99	43573	No
36	GOM_TRA_1PNPDE20100701_030213_000000422090_00433_43573_3422.N1	01-JUL-2010 03:02:13	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43573	No
37	GOM_TRA_1PNPDE20100701_030449_000000362090_00433_43573_3423.N1	01-JUL-2010 03:04:49	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	43573	No
38	GOM_TRA_1PNPDE20100701_030645_000000402090_00433_43573_3424.N1	01-JUL-2010 03:06:45	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43573	No
39	GOM_TRA_1PNPDE20100701_031345_000000482090_00433_43573_3425.N1	01-JUL-2010 03:13:45	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43573	No
40	GOM_TRA_1PNPDE20100701_032106_000000482090_00433_43573_3442.N1	01-JUL-2010 03:21:06	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	43573	No
41	GOM_TRA_1PNPDE20100701_032248_000000482090_00433_43573_3443.N1	01-JUL-2010 03:22:48	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43573	No
42	GOM_TRA_1PNPDE20100701_032542_000000512090_00433_43573_3444.N1	01-JUL-2010 03:25:42	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	43573	No
43	GOM_TRA_1PNPDE20100701_032907_000000652090_00433_43573_3445.N1	01-JUL-2010 03:29:07	Bright	65.000	73	57Gam1And	2.2600	13100.	130	43573	No
44	GOM_TRA_1PNPDE20100701_033144_000000512090_00433_43573_3446.N1	01-JUL-2010 03:31:44	Twilight_stray	50.500	173	4Bet Tri	3.0040	8900.0	101	43573	No
45	GOM_TRA_1PNPDE20100701_033559_000000592090_00433_43573_3447.N1	01-JUL-2010 03:35:59	Dark	59.000	50	13Alp Ari	2.0070	4250.0	118	43573	No
46	GOM_TRA_1PNPDE20100701_034056_000000492090_00433_43573_3448.N1	01-JUL-2010 03:40:56	Dark	48.500	94	92Alp Cet	2.5260	3100.0	97	43573	No
47	GOM_TRA_1PNPDE20100701_040013_000000492090_00434_43574_3449.N1	01-JUL-2010 04:00:13	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	43574	No
48	GOM_TRA_1PNPDE20100701_040642_000000532090_00434_43574_3450.N1	01-JUL-2010 04:06:42	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	43574	No
49	GOM_TRA_1PNPDE20100701_040838_000000512090_00434_43574_3451.N1	01-JUL-2010 04:08:38	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	43574	No
50	GOM_TRA_1PNPDE20100701_041101_000000432090_00434_43574_3452.N1	01-JUL-2010 04:11:01	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43574	No
51	GOM_TRA_1PNPDE20100701_042031_000000452090_00434_43574_3453.N1	01-JUL-2010 04:20:31	Twilight_stray	45.000	103	38Zet Sgr	2.6000	9700.0	90	43574	No
52	GOM_TRA_1PNPDE20100701_042145_000000452090_00434_43574_3454.N1	01-JUL-2010 04:21:45	Bright	45.000	57	34Sig Sgr	2.0660	26000.	90	43574	No
53	GOM_TRA_1PNPDE20100701_042316_000000472090_00434_43574_3455.N1	01-JUL-2010 04:23:16	Bright	46.500	155	41Pi Sgr	2.9000	6600.0	93	43574	No
54	GOM_TRA_1PNPDE20100701_043138_000000372090_00434_43574_3456.N1	01-JUL-2010 04:31:38	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	43574	No
55	GOM_TRA_1PNPDE20100701_043358_000000372090_00434_43574_3457.N1	01-JUL-2010 04:33:58	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	43574	No
56	GOM_TRA_1PNPDE20100701_043549_000000492090_00434_43574_3458.N1	01-JUL-2010 04:35:49	Bright	48.500	168	17Zet Aql	2.9860	11000.	97	43574	No
57	GOM_TRA_1PNPDE20100701_044248_000000452090_00434_43574_3459.N1	01-JUL-2010 04:42:48	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43574	No
58	GOM_TRA_1PNPDE20100701_044525_000000372090_00434_43574_3460.N1	01-JUL-2010 04:45:25	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	43574	No
59	GOM_TRA_1PNPDE20100701_044720_000000452090_00434_43574_3461.N1	01-JUL-2010 04:47:20	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	43574	No
60	GOM_TRA_1PNPDE20100701_045421_000000432090_00434_43574_3462.N1	01-JUL-2010 04:54:21	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43574	No
61	GOM_TRA_1PNPDE20100701_050142_000000482090_00434_43574_3470.N1	01-JUL-2010 05:01:42	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	43574	No
62	GOM_TRA_1PNPDE20100701_050323_000000692090_00434_43574_3471.N1	01-JUL-2010 05:03:23	Bright	69.000	68	18Alp Cas	2.2250	4500.0	138	43574	No
63	GOM_TRA_1PNPDE20100701_050619_000000362090_00434_43574_3472.N1	01-JUL-2010 05:06:19	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	43574	No
64	GOM_TRA_1PNPDE20100701_050943_000000482090_00434_43574_3473.N1	01-JUL-2010 05:09:43	Bright	48.000	73	57Gam1And	2.2600	13100.	96	43574	No
65	GOM_TRA_1PNPDE20100701_051221_000000502090_00434_43574_3474.N1	01-JUL-2010 05:12:21	Twilight_stray	49.500	173	4Bet Tri	3.0040	8900.0	99	43574	No
66	GOM_TRA_1PNPDE20100701_051635_000000582090_00434_43574_3475.N1	01-JUL-2010 05:16:35	Dark	58.000	50	13Alp Ari	2.0070	4250.0	116	43574	No
67	GOM_TRA_1PNPDE20100701_052133_000000452090_00434_43574_3476.N1	01-JUL-2010 05:21:33	Dark	44.500	94	92Alp Cet	2.5260	3100.0	89	43574	No
68	GOM_TRA_1PNPDE20100701_054050_000000482090_00435_43575_3477.N1	01-JUL-2010 05:40:50	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43575	No

69	GOM_TRA_1PNPDE20100701_054719_000000512090_00435_43575_3478.N1	01-JUL-2010 05:47:19	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43575	No
70	GOM_TRA_1PNPDE20100701_054915_000000482090_00435_43575_3479.N1	01-JUL-2010 05:49:15	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43575	No
71	GOM_TRA_1PNPDE20100701_055137_000000412090_00435_43575_3480.N1	01-JUL-2010 05:51:37	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43575	No
72	GOM_TRA_1PNPDE20100701_060107_000000462090_00435_43575_3481.N1	01-JUL-2010 06:01:07	Twilight_stray	45.500	103	38Zet Sgr	2.6000	9700.0	91	43575	No
73	GOM_TRA_1PNPDE20100701_060221_000000452090_00435_43575_3482.N1	01-JUL-2010 06:02:21	Bright	44.500	57	34Sig Sgr	2.0660	26000.	89	43575	No
74	GOM_TRA_1PNPDE20100701_060353_000000452090_00435_43575_3483.N1	01-JUL-2010 06:03:53	Bright	45.000	155	41Pi Sgr	2.9000	6600.0	90	43575	No
75	GOM_TRA_1PNPDE20100701_061214_000000372090_00435_43575_3484.N1	01-JUL-2010 06:12:14	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	43575	No
76	GOM_TRA_1PNPDE20100701_061434_000000372090_00435_43575_3485.N1	01-JUL-2010 06:14:34	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	43575	No
77	GOM_TRA_1PNPDE20100701_061624_000000482090_00435_43575_3486.N1	01-JUL-2010 06:16:24	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	43575	No
78	GOM_TRA_1PNPDE20100701_062324_000000452090_00435_43575_3487.N1	01-JUL-2010 06:23:24	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	43575	No
79	GOM_TRA_1PNPDE20100701_062601_000000372090_00435_43575_3488.N1	01-JUL-2010 06:26:01	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43575	No
80	GOM_TRA_1PNPDE20100701_062755_000000452090_00435_43575_3489.N1	01-JUL-2010 06:27:55	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	43575	No
81	GOM_TRA_1PNPDE20100701_063456_000000452090_00435_43575_3490.N1	01-JUL-2010 06:34:56	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43575	No
82	GOM_TRA_1PNPDE20100701_210918_000000452090_00444_43584_3583.N1	01-JUL-2010 21:09:18	Bright	45.000	155	41Pi Sgr	2.9000	6600.0	90	43584	No
83	GOM_TRA_1PNPDE20100701_212143_000000482090_00444_43584_3584.N1	01-JUL-2010 21:21:43	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	43584	No
84	GOM_TRA_1PNPDE20100701_212843_000000402090_00444_43584_3585.N1	01-JUL-2010 21:28:43	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43584	No
85	GOM_TRA_1PNPDE20100701_213310_000000492090_00444_43584_3586.N1	01-JUL-2010 21:33:10	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	43584	No
86	GOM_TRA_1PNPDE20100701_213648_000000562090_00444_43584_3587.N1	01-JUL-2010 21:36:48	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	43584	No
87	GOM_TRA_1PNPDE20100701_214013_000000482090_00444_43584_3588.N1	01-JUL-2010 21:40:13	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43584	No
88	GOM_TRA_1PNPDE20100701_214736_000000492090_00444_43584_3589.N1	01-JUL-2010 21:47:36	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	43584	No
89	GOM_TRA_1PNPDE20100701_214910_000000412090_00444_43584_3590.N1	01-JUL-2010 21:49:10	Bright	40.500	110	37Del Cas	2.6780	8900.0	81	43584	No
90	GOM_TRA_1PNPDE20100701_215541_000000482090_00444_43584_3591.N1	01-JUL-2010 21:55:41	Bright	47.500	73	57Gam1And	2.2600	13100.	95	43584	No
91	GOM_TRA_1PNPDE20100701_215815_000000732090_00444_43584_3592.N1	01-JUL-2010 21:58:15	Twilight_stray	72.500	53	43Bet And	2.0480	3300.0	145	43584	No
92	GOM_TRA_1PNPDE20100701_220238_000000582090_00444_43584_3593.N1	01-JUL-2010 22:02:38	Dark	58.000	50	13Alp Ari	2.0070	4250.0	116	43584	No
93	GOM_TRA_1PNPDE20100701_222237_000000912090_00444_43584_3604.N1	01-JUL-2010 22:22:37	Dark	91.000	52	16Bet Cet	2.0370	4500.0	182	43584	No
94	GOM_TRA_1PNPDE20100701_222659_000000482090_00445_43585_3605.N1	01-JUL-2010 22:26:59	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	43585	No
95	GOM_TRA_1PNPDE20100701_223328_000000532090_00445_43585_3606.N1	01-JUL-2010 22:33:28	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	43585	No
96	GOM_TRA_1PNPDE20100701_223508_000000762090_00445_43585_3607.N1	01-JUL-2010 22:35:08	Straylight	75.500	18	24Alp PsA	1.1660	9700.0	151	43585	No
97	GOM_TRA_1PNPDE20100701_224954_000000462090_00445_43585_3608.N1	01-JUL-2010 22:49:54	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	43585	No
98	GOM_TRA_1PNPDE20100701_230218_000000502090_00445_43585_3609.N1	01-JUL-2010 23:02:18	Bright	50.000	168	17Zet Aql	2.9860	11000.	100	43585	No
99	GOM_TRA_1PNPDE20100701_230918_000000462090_00445_43585_3610.N1	01-JUL-2010 23:09:18	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	43585	No
100	GOM_TRA_1PNPDE20100701_231346_000000502090_00445_43585_3611.N1	01-JUL-2010 23:13:46	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	43585	No
101	GOM_TRA_1PNPDE20100701_231723_000000622090_00445_43585_3612.N1	01-JUL-2010 23:17:23	Bright	62.000	19	50Alp Cyg	1.2460	10500.	124	43585	No
102	GOM_TRA_1PNPDE20100701_232048_000000432090_00445_43585_3613.N1	01-JUL-2010 23:20:48	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43585	No
103	GOM_TRA_1PNPDE20100701_232811_000000512090_00445_43585_3614.N1	01-JUL-2010 23:28:11	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	43585	No
104	GOM_TRA_1PNPDE20100701_232945_000000422090_00445_43585_3615.N1	01-JUL-2010 23:29:45	Bright	42.000	110	37Del Cas	2.6780	8900.0	84	43585	No
105	GOM_TRA_1PNPDE20100701_233617_000000542090_00445_43585_3616.N1	01-JUL-2010 23:36:17	Bright	54.000	73	57Gam1And	2.2600	13100.	108	43585	No
106	GOM_TRA_1PNPDE20100701_233851_000000702090_00445_43585_3617.N1	01-JUL-2010 23:38:51	Twilight_stray	70.000	53	43Bet And	2.0480	3300.0	140	43585	No
107	GOM_TRA_1PNPDE20100701_234314_000000592090_00445_43585_3618.N1	01-JUL-2010 23:43:14	Dark	58.500	50	13Alp Ari	2.0070	4250.0	117	43585	No

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



4. Overview of dark signal processing per product

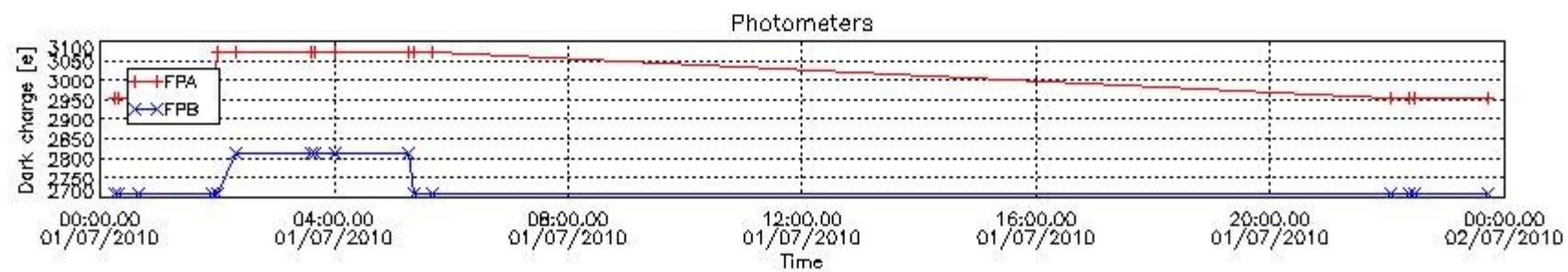
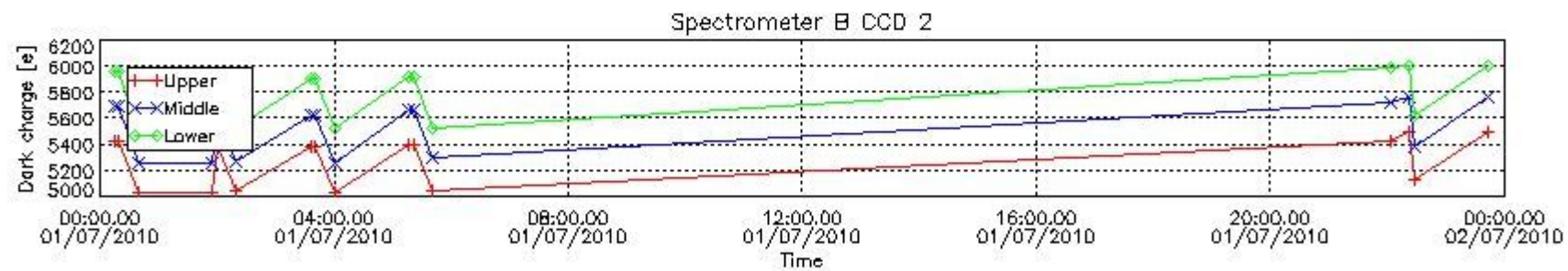
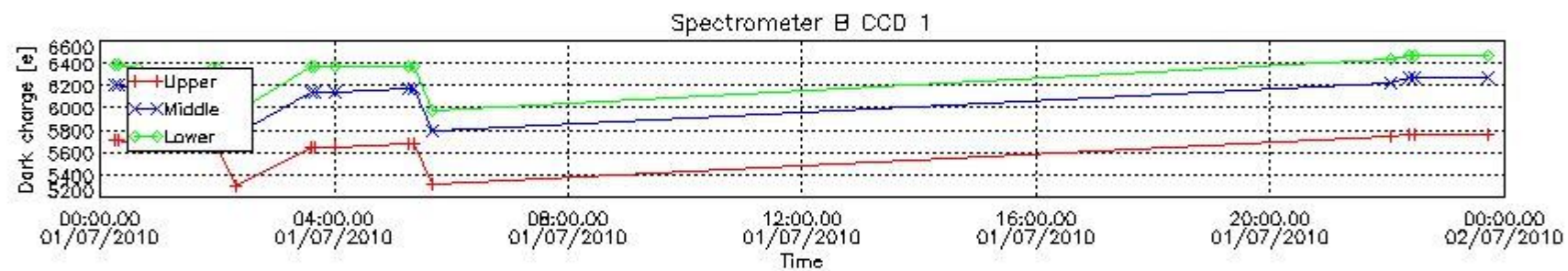
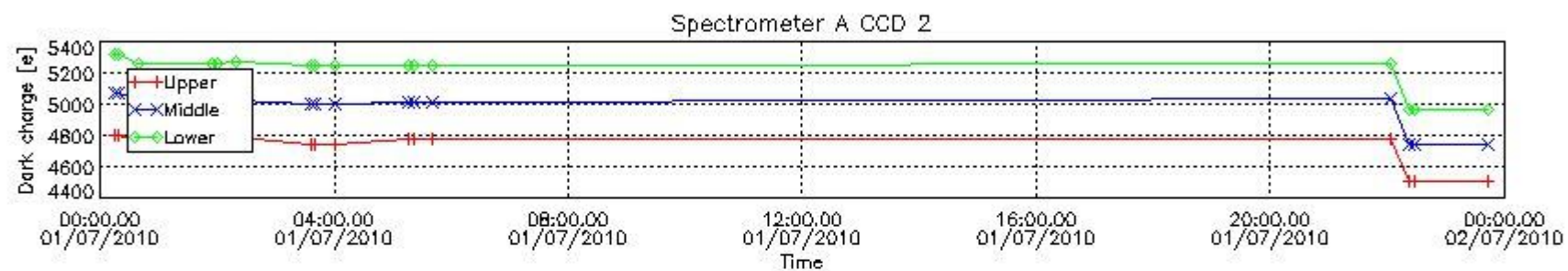
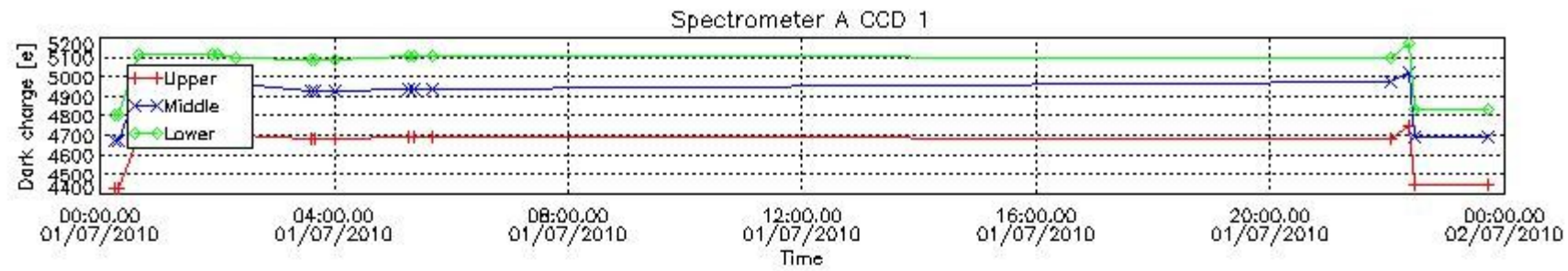
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100701_210918_000000452090_00444_43584_3583.N1	DC map used
GOM_TRA_1PNPDE20100701_212143_000000482090_00444_43584_3584.N1	DC map used
GOM_TRA_1PNPDE20100701_212843_000000402090_00444_43584_3585.N1	DC map used
GOM_TRA_1PNPDE20100701_213310_000000492090_00444_43584_3586.N1	DC map used
GOM_TRA_1PNPDE20100701_213648_000000562090_00444_43584_3587.N1	DC map used
GOM_TRA_1PNPDE20100701_214013_000000482090_00444_43584_3588.N1	DC map used
GOM_TRA_1PNPDE20100701_214736_000000492090_00444_43584_3589.N1	DC map used
GOM_TRA_1PNPDE20100701_214910_000000412090_00444_43584_3590.N1	DC map used
GOM_TRA_1PNPDE20100701_215541_000000482090_00444_43584_3591.N1	DC map used
GOM_TRA_1PNPDE20100701_215815_000000732090_00444_43584_3592.N1	DC map used
GOM_TRA_1PNPDE20100701_220238_000000582090_00444_43584_3593.N1	DC map used

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



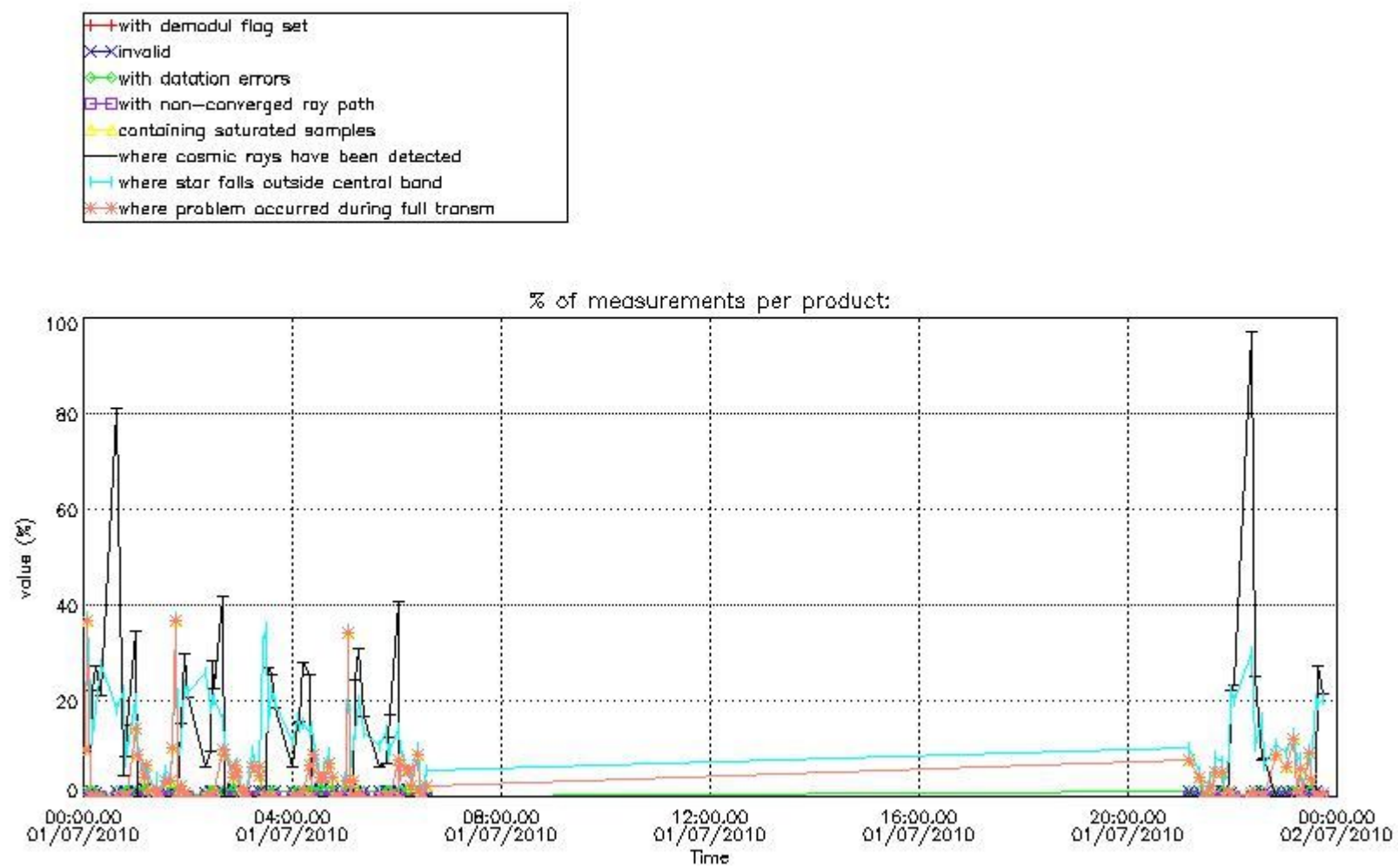
5. Demodulation flag and quality information monitoring

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.

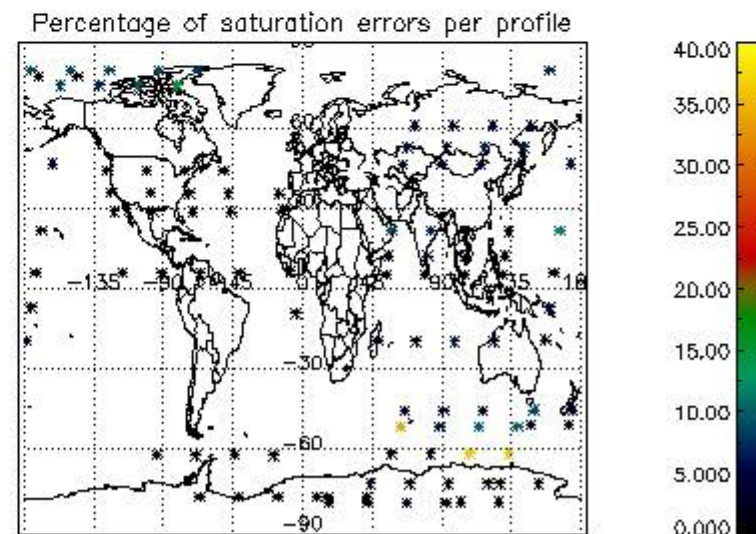
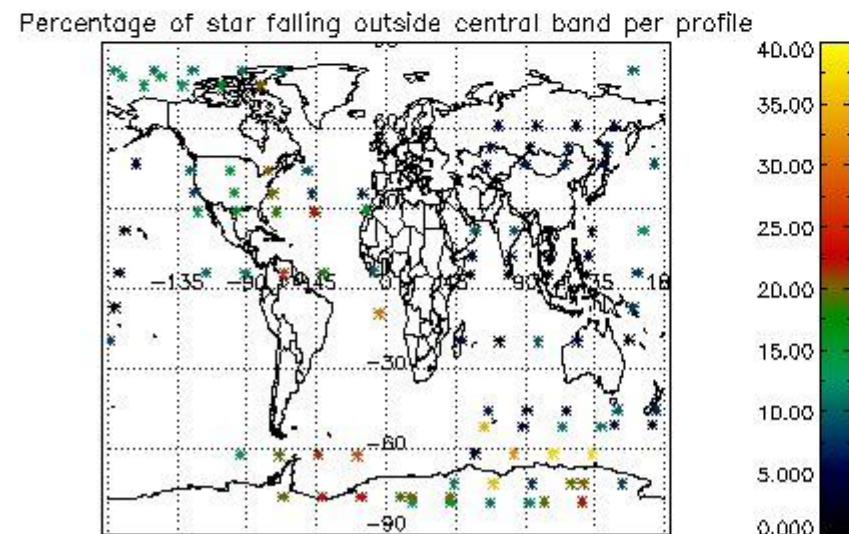
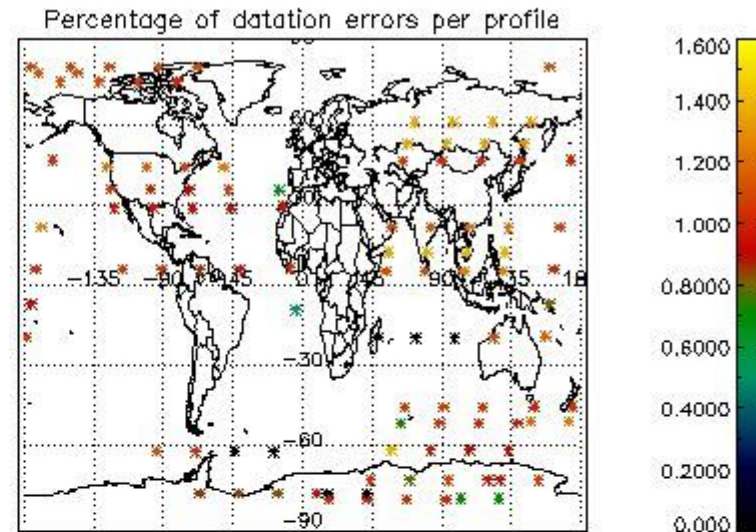
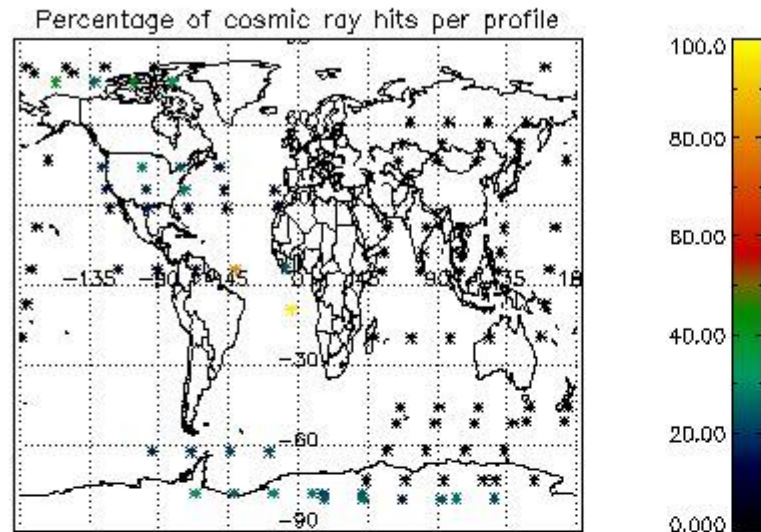
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	34.5794 %
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)



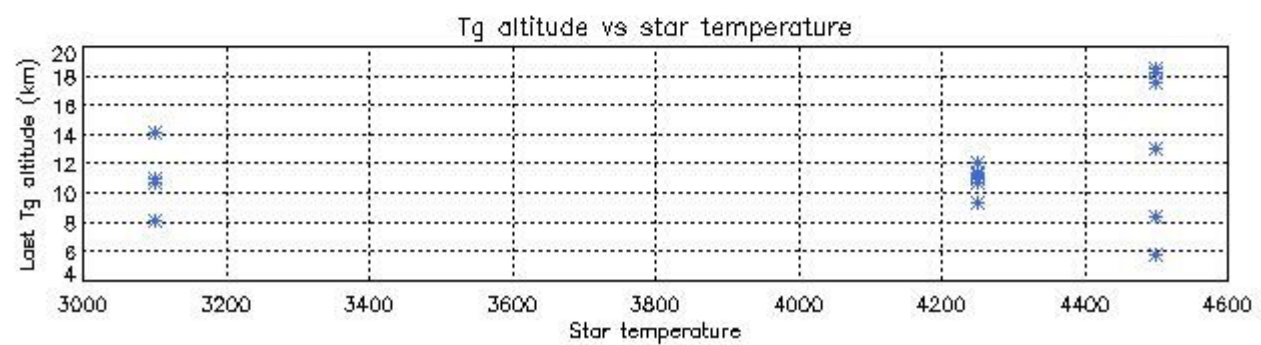
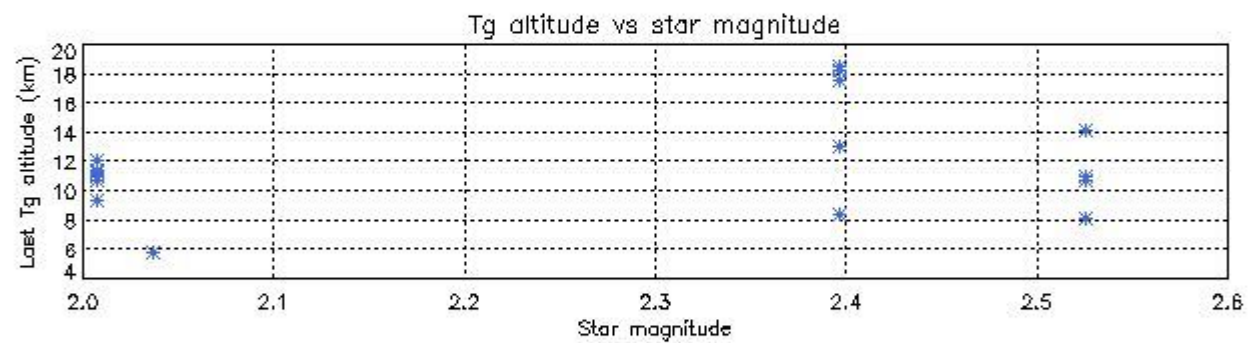
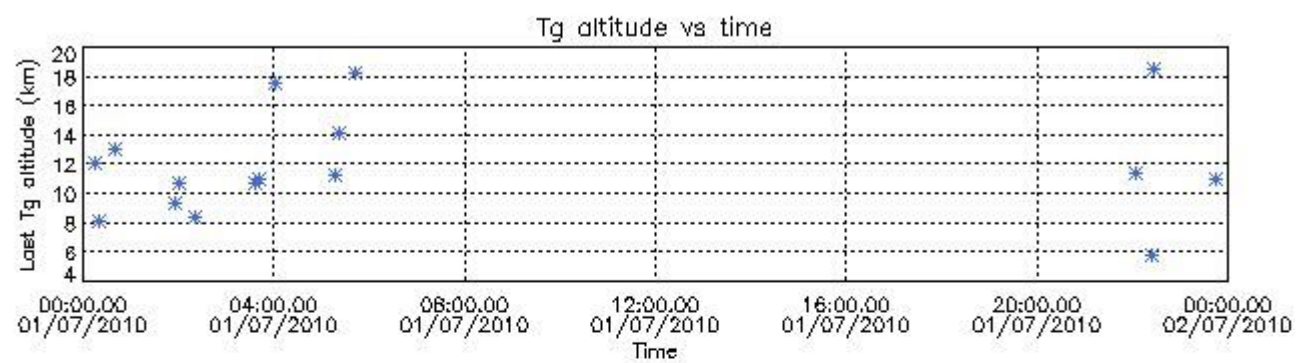
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	11.937	20.313	NaN
St. deviation:	3.6178	6.6737	NaN
Maximum:	18.434	41.503	NaN
Minimum:	5.8385	3.8247	NaN
Number of data:	16.000	67.000	NaN

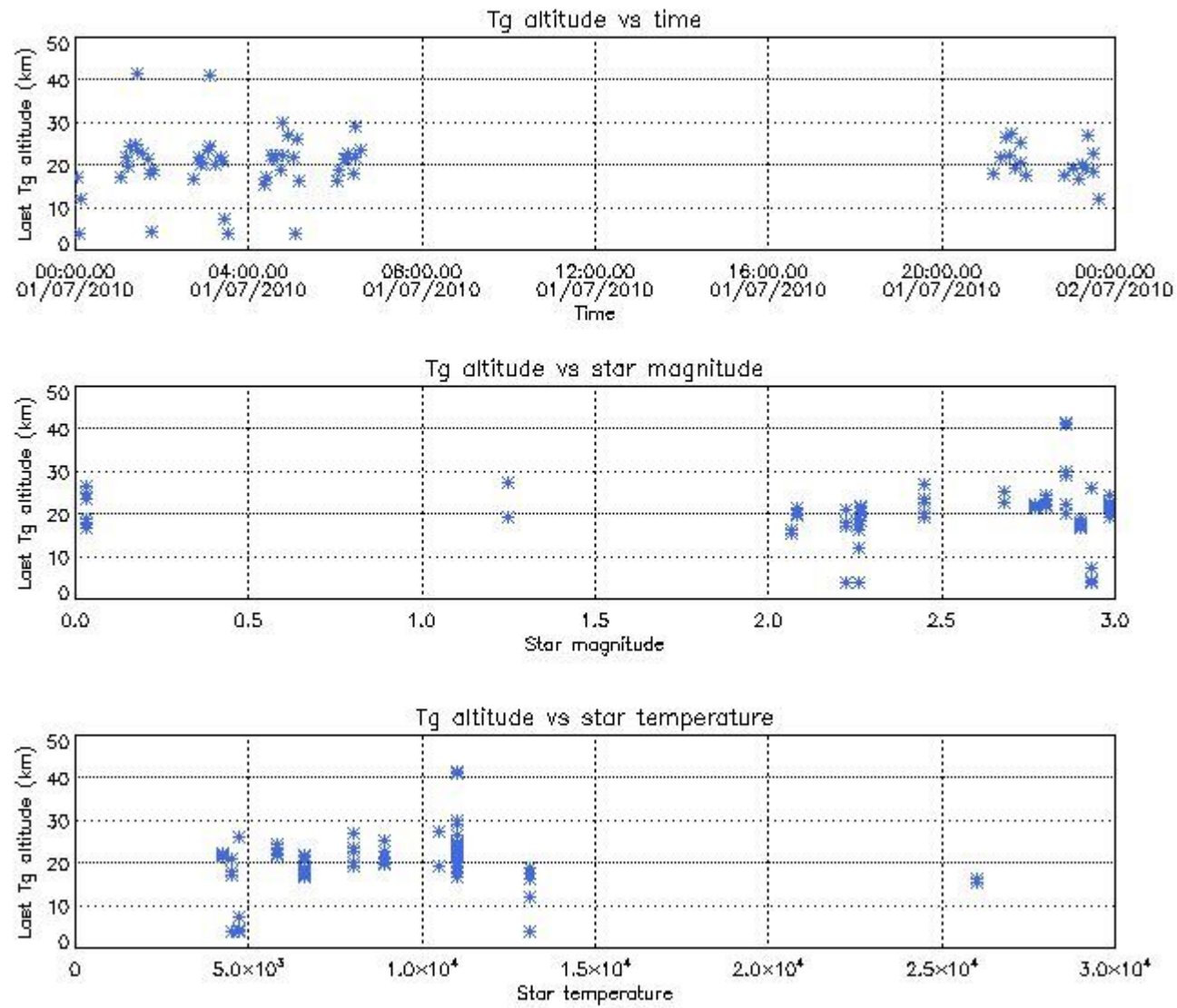
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

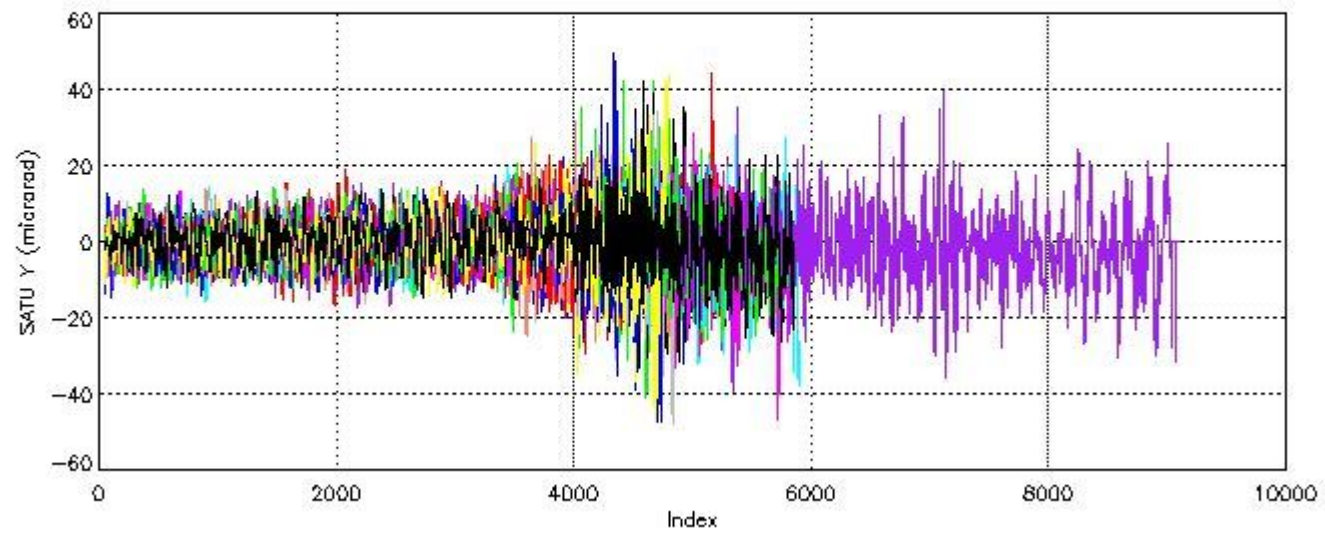
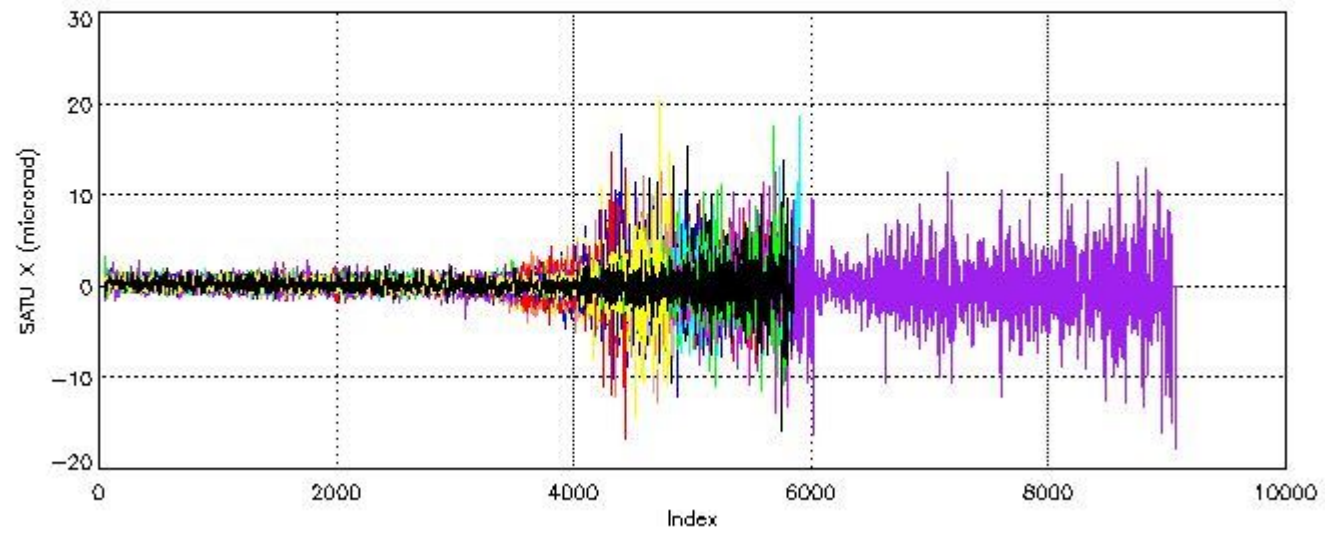


7. Star Acquisition and Tracking Unit (SATU)

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:	0.19531	-0.43357	0.26133	-0.49628
St. deviation:	0.40673	4.0960	0.88880	4.0953
Maximum:	3.3000	14.000	6.4000	17.500
Minimum:	-1.6000	-15.900	-6.2000	-17.800

Number of data:	17750.	17750.	72050.	72050.
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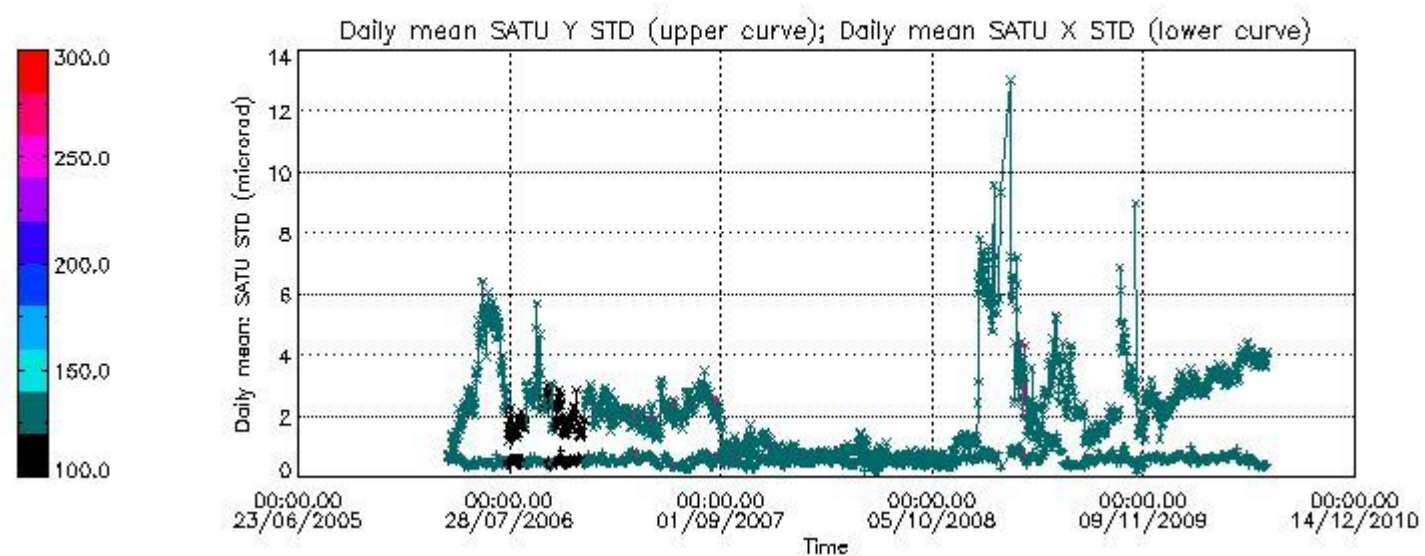
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

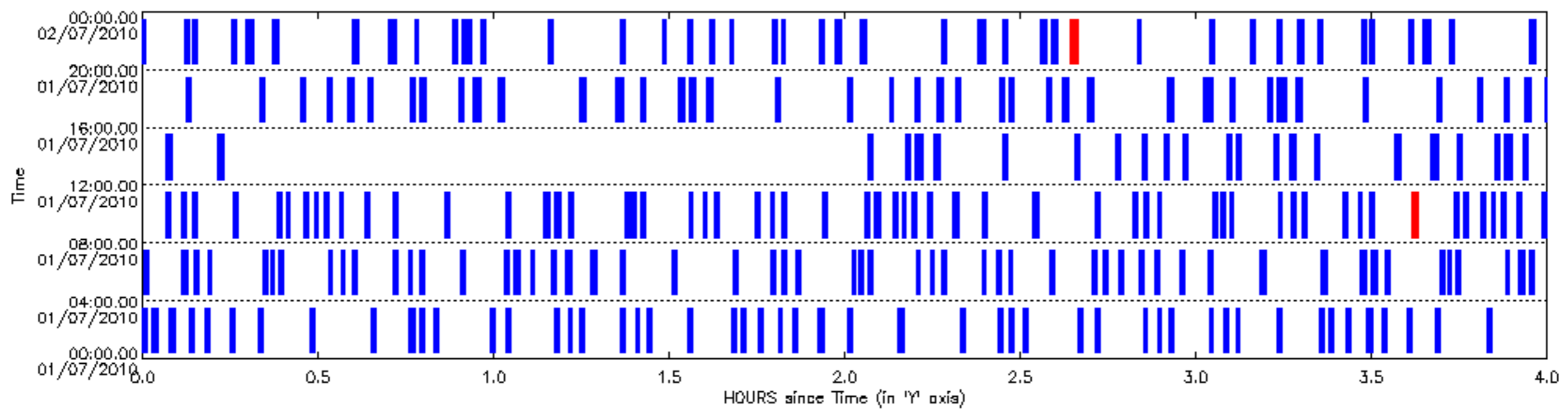
Lower curve: STD of SATU X axis

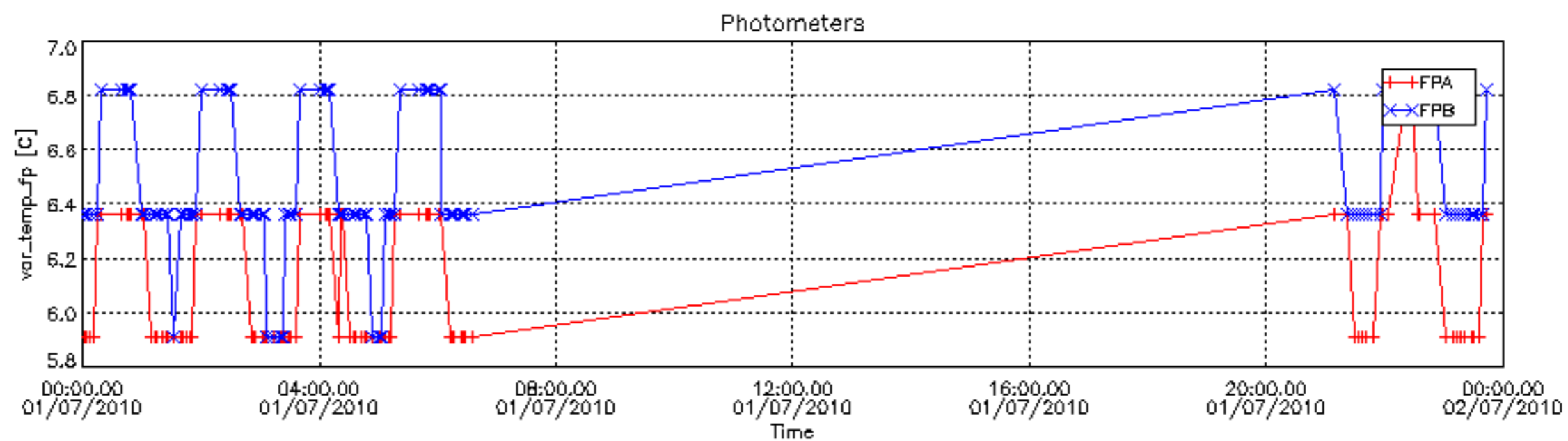
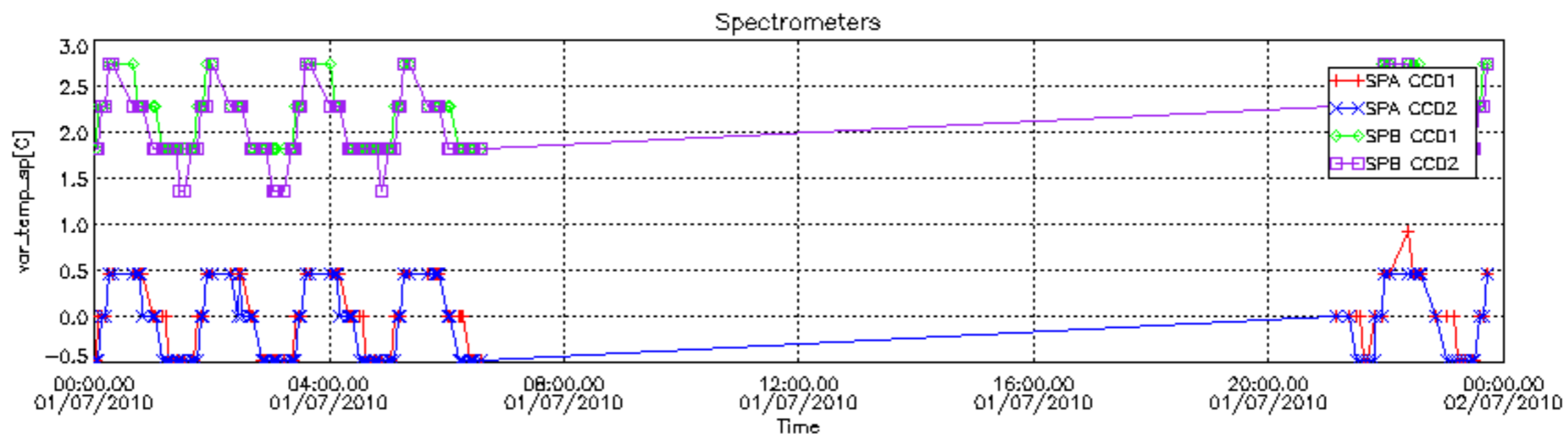


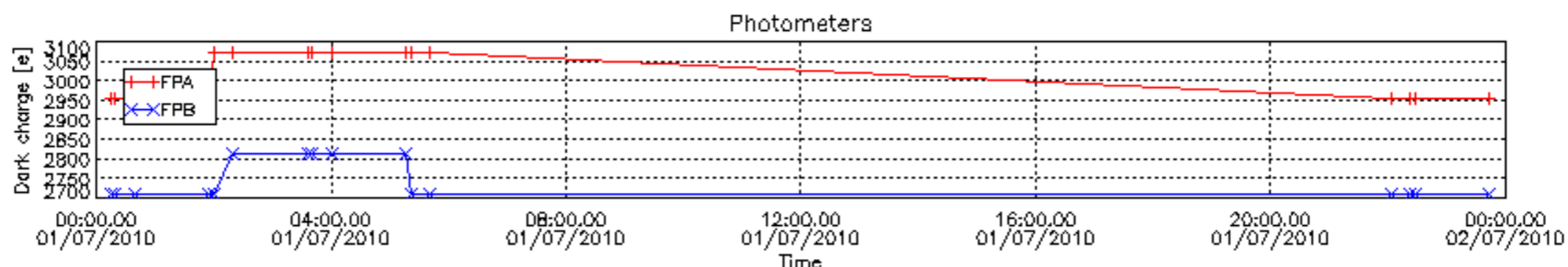
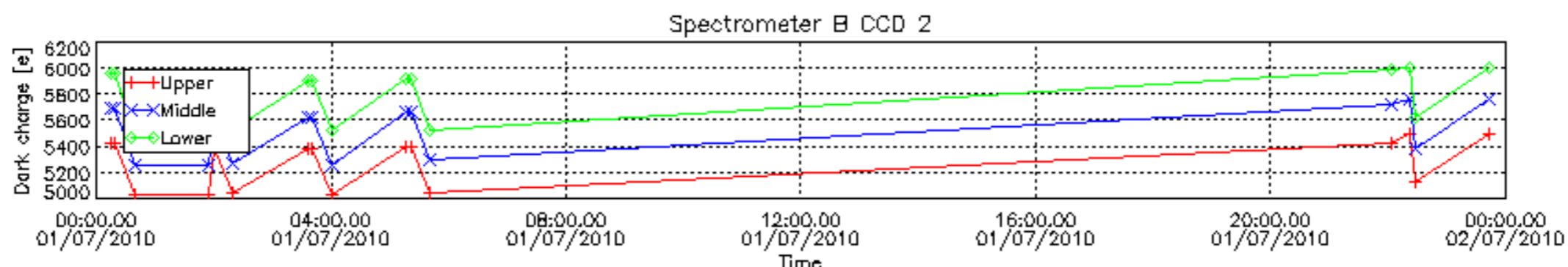
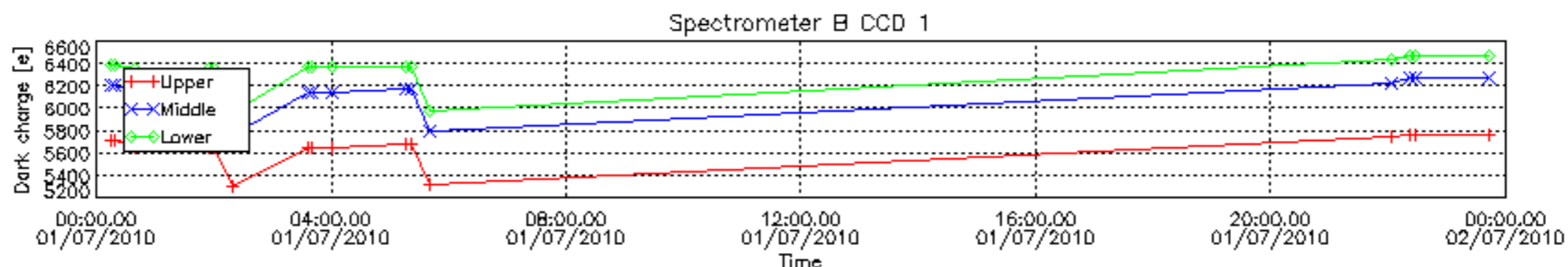
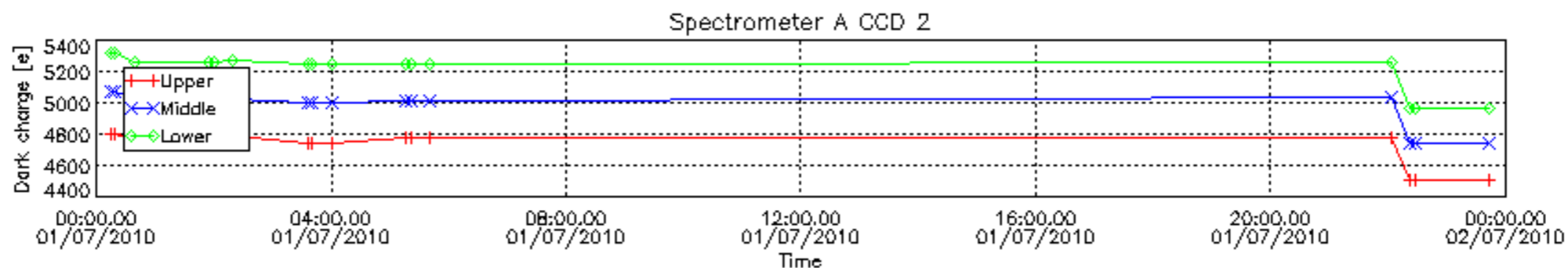
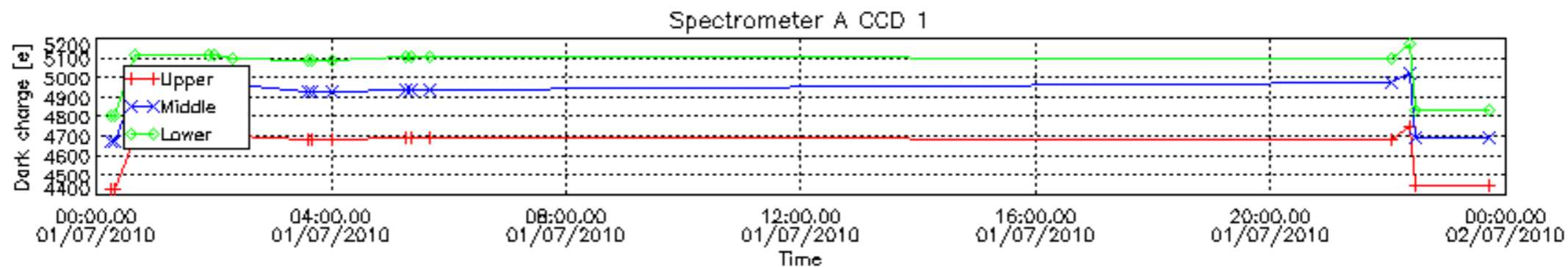
8. Auxiliary Data Files used for the production reported in section 2.4

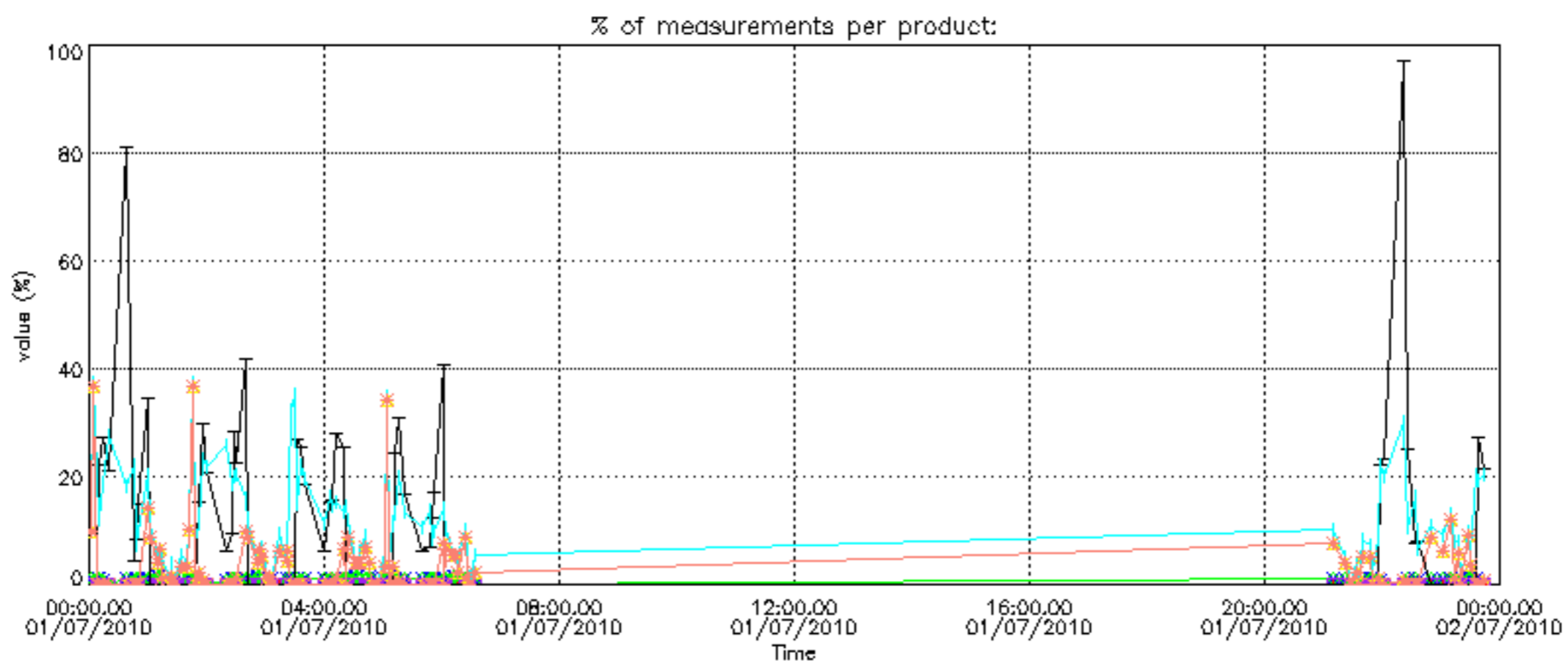
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-JUL-2010 00:01:37
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100629_101415_20100627_000000_20500101_000000	1	01-JUL-2010 00:01:37
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	01-JUL-2010 00:01:37
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	01-JUL-2010 00:01:37
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	01-JUL-2010 00:01:37
ECMWF_FILE	AUX_ECF_AXNECM20100630_054114_20100630_210000_20100701_090000	1	01-JUL-2010 00:01:37
ECMWF_FILE	AUX_ECF_AXNECM20100630_172113_20100701_030000_20100701_150000	40	01-JUL-2010 03:21:06
ECMWF_FILE	AUX_ECA_AXNECM20100701_052112_20100630_210000_20100701_090000	61	01-JUL-2010 05:01:42
ECMWF_FILE	AUX_ECF_AXNECM20100701_054114_20100701_210000_20100702_090000	82	01-JUL-2010 21:09:18
OPTIONAL_ECMWF_FILE	MISSING	1	01-JUL-2010 00:01:37
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100630_092113_20100629_182638_20100709_213327	1	01-JUL-2010 00:01:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100701_002514_000054192090_00431_43571_0659.N1	7	01-JUL-2010 00:38:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100701_020052_000041442090_00432_43572_0660.N1	27	01-JUL-2010 02:19:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100701_031515_000057382090_00433_43573_0661.N1	40	01-JUL-2010 03:21:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100701_045612_000057382090_00434_43574_0662.N1	61	01-JUL-2010 05:01:42
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100701_205753_000038252090_00444_43584_0663.N1	82	01-JUL-2010 21:09:18
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100701_091654_20100630_193537_20100710_210150	93	01-JUL-2010 22:22:37

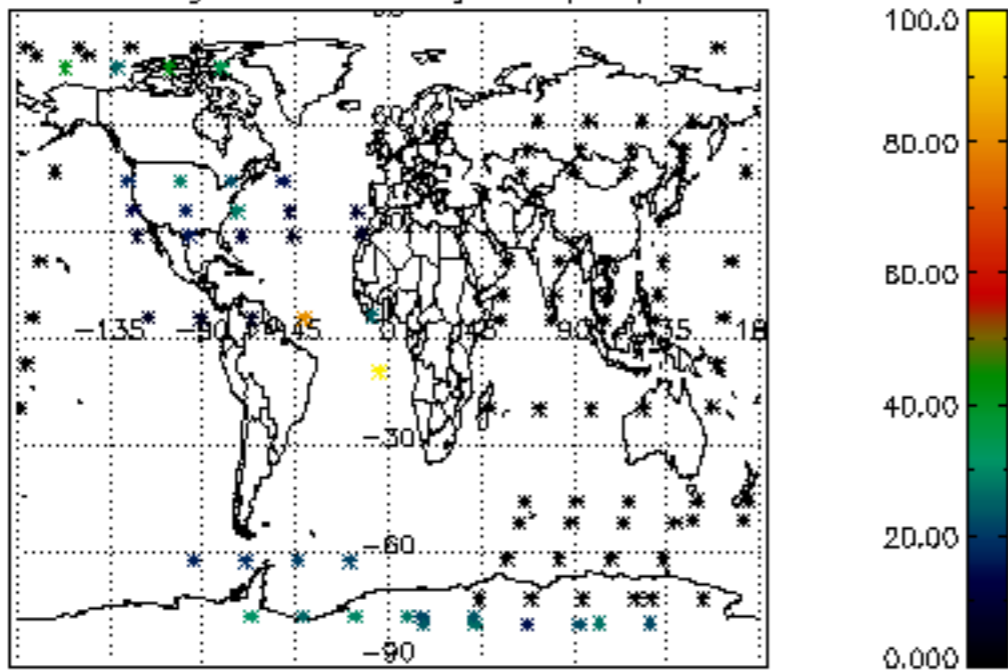




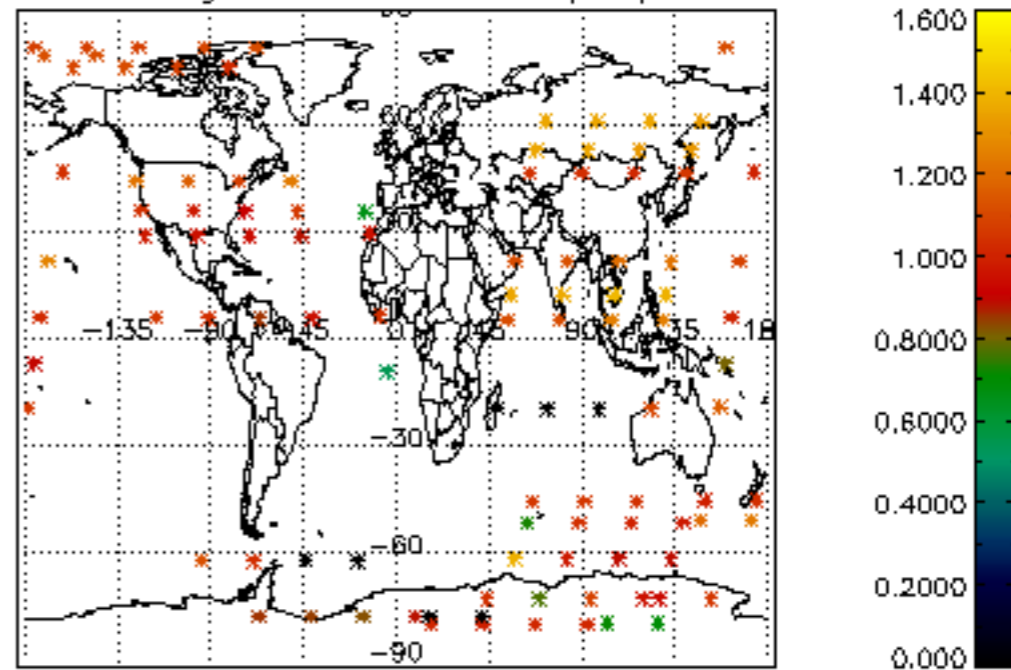




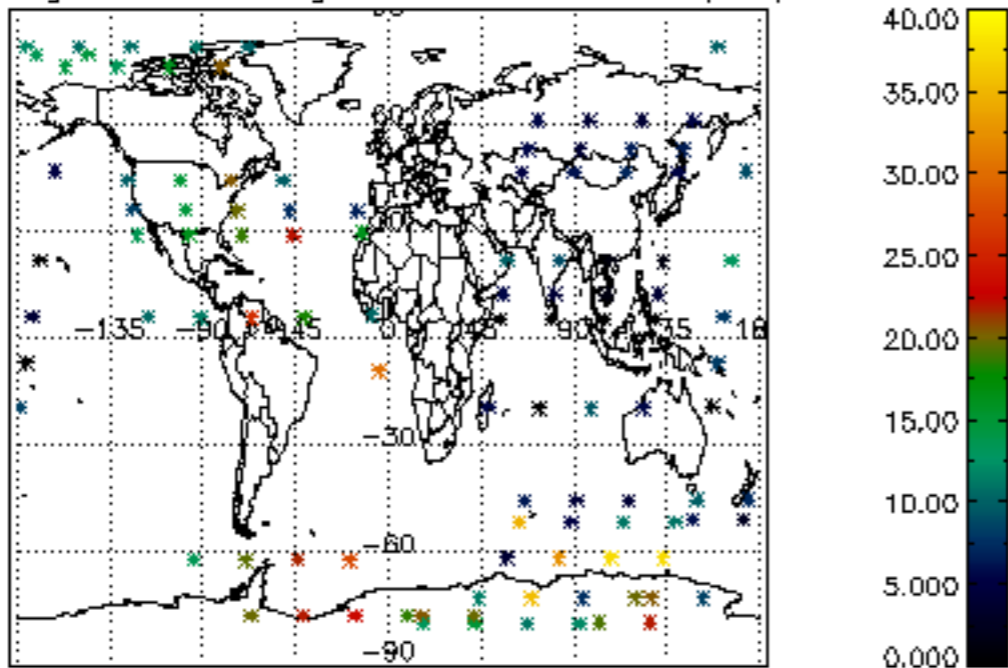
Percentage of cosmic ray hits per profile



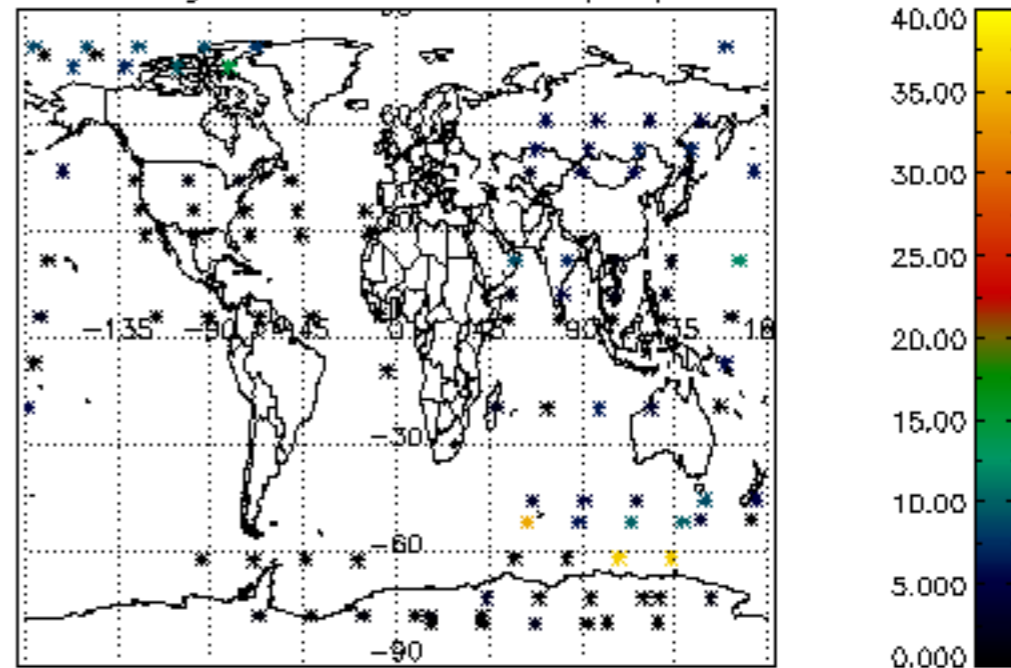
Percentage of datation errors per profile



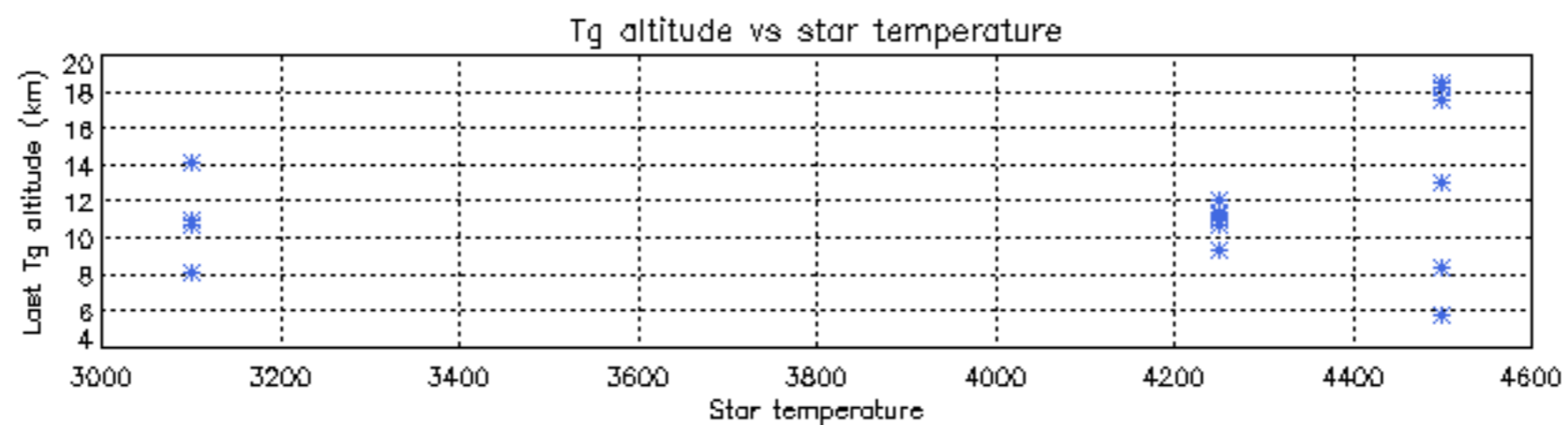
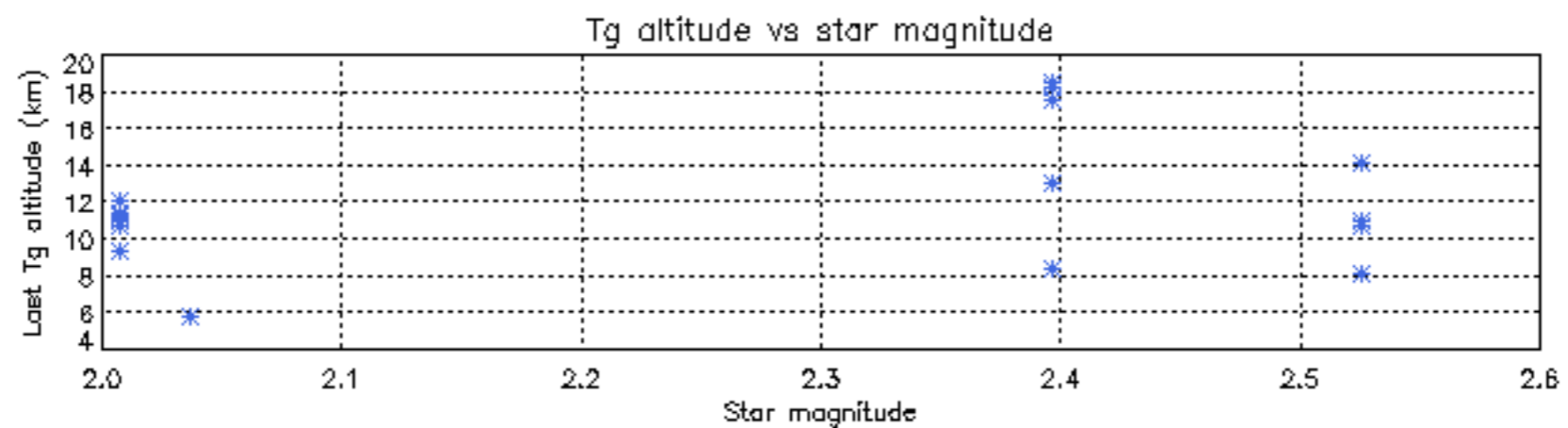
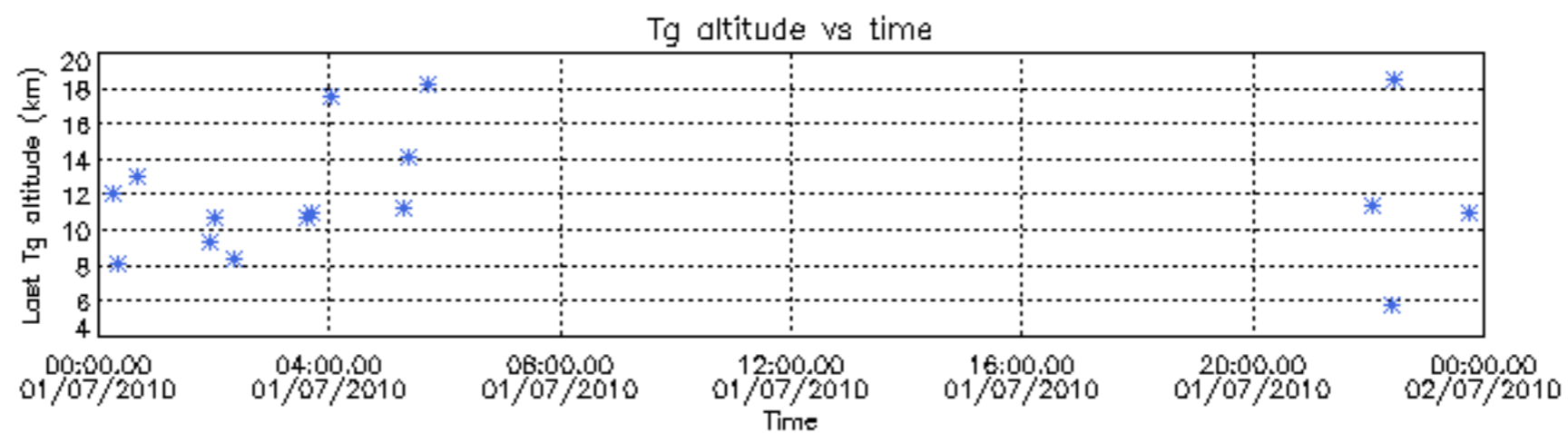
Percentage of star falling outside central band per profile



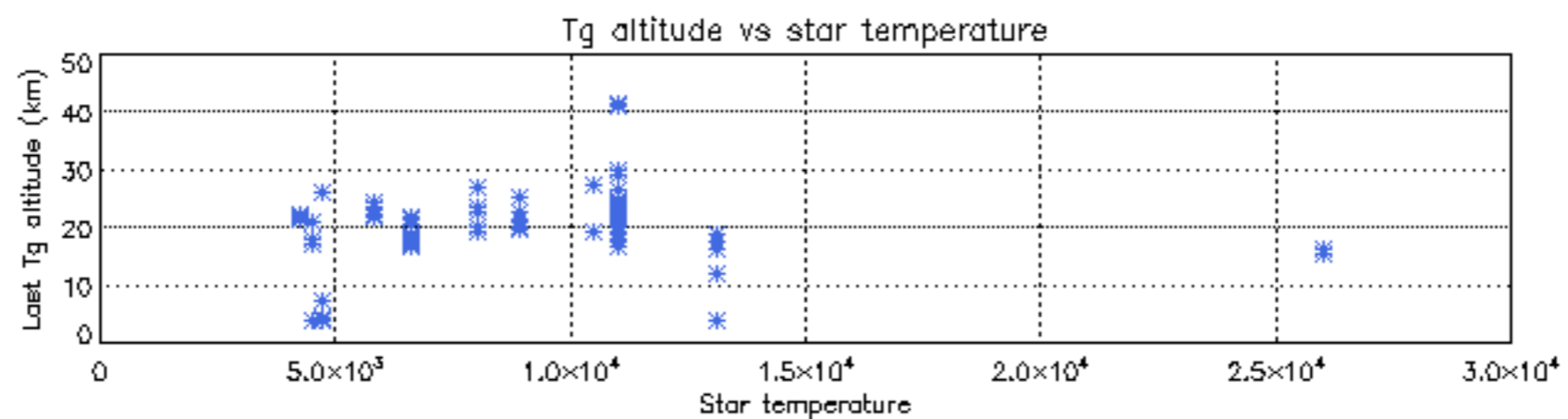
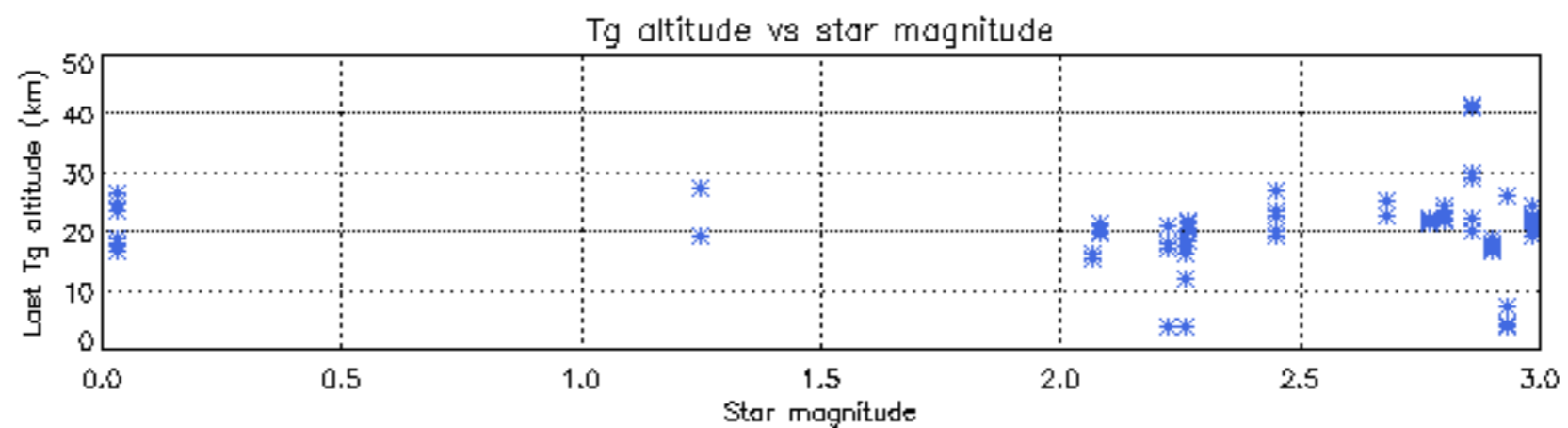
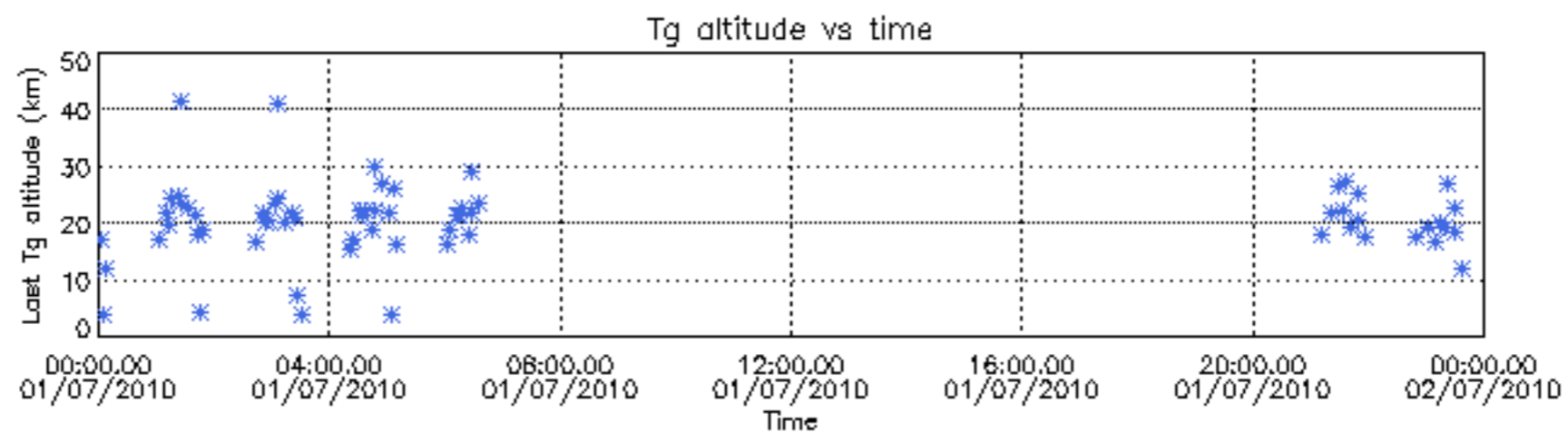
Percentage of saturation errors per profile

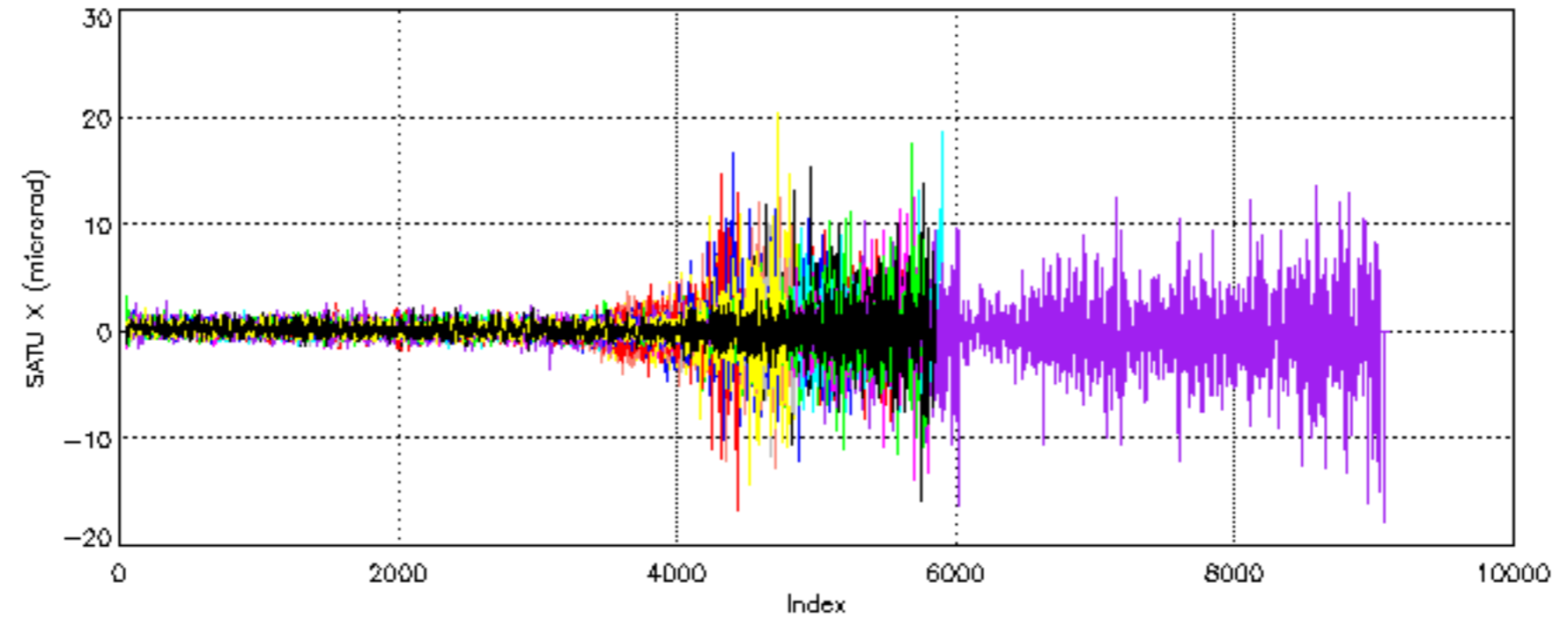


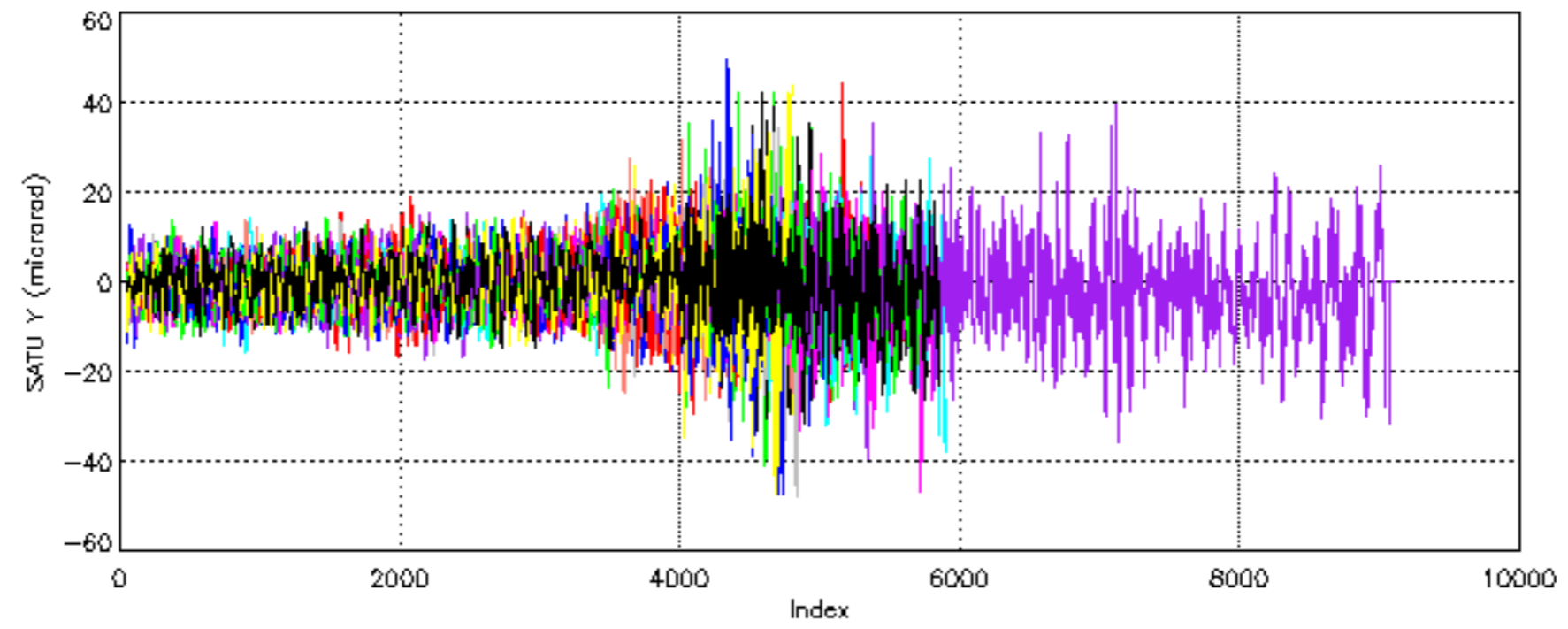
Tangent altitude at which the star is lost

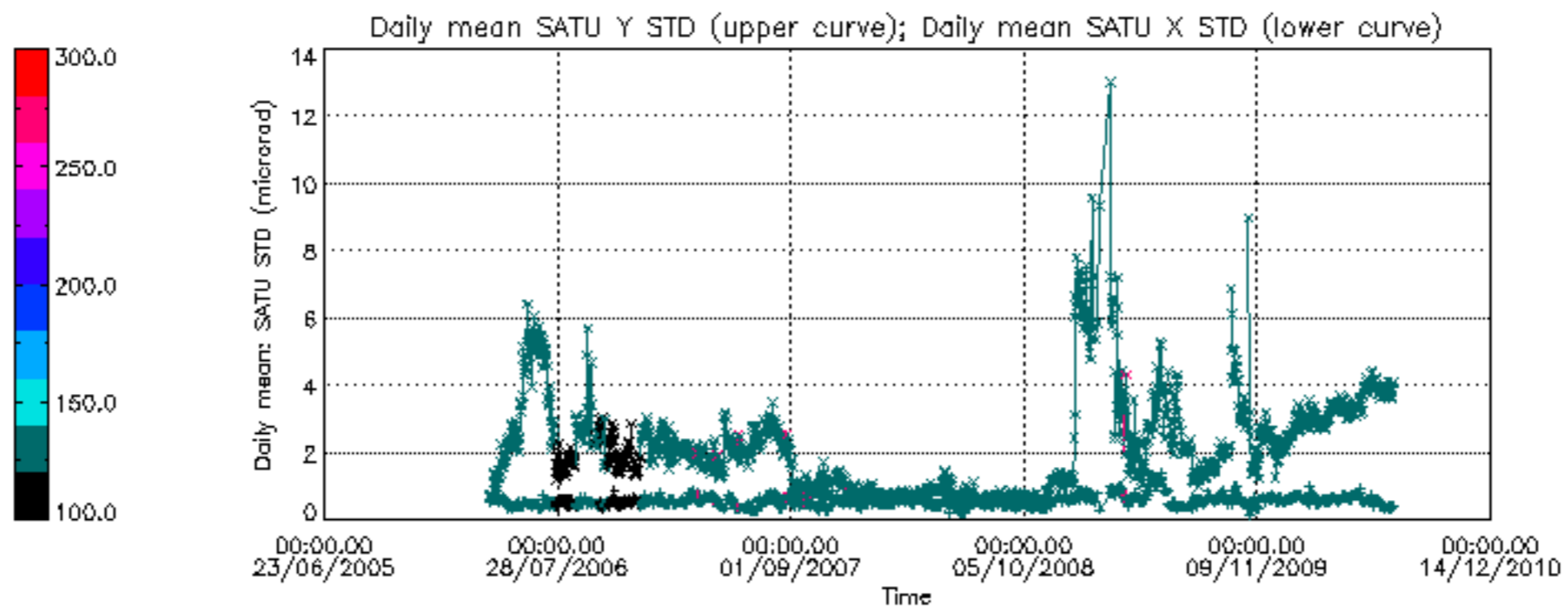


Tangent altitude at which the star is lost









/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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 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
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 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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 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
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 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
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 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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 3;-1973.4; 01-JUL-2010 05:06:19; Bright; 36.0; 160; 23Gam Per ; 2.93; 4700;occ; 72; 0;43574
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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
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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
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21; 2923.1; 01-JUL-2010 06:27:55; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43575
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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
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9; 98.8; 01-JUL-2010 07:21:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;43576
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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
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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
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16; 5504.0; 01-JUL-2010 08:51:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43576
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19; 6640.2; 01-JUL-2010 09:10:28; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43577
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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
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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
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5; 598.1; 02-JUL-2010 00:15:45; Dark ; 96.5; 18; 24Alp PsA ; 1.17; 9700;occ; 193; 0;43586
6; 787.6; 02-JUL-2010 00:18:55; Dark ; 56.5; 172; Gam Gru ; 3.00; 13100;occ; 113; 0;43586
7; 1482.7; 02-JUL-2010 00:30:30; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43586
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9; 2646.3; 02-JUL-2010 00:49:53; Bright; 42.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 84; 0;43586
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 3; 2649.4; 01-JUL-2010 14:46:21; Bright; 47.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 95; 0;43580
 4; 2918.4; 01-JUL-2010 14:50:50; Bright; 48.5; 144; 18Del Cyg ; 2.86; 11000;occ; 97; 0;43580
 5; 3137.9; 01-JUL-2010 14:54:29; Bright; 59.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 119; 0;43580
 6; 3340.4; 01-JUL-2010 14:57:52; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43580
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 5; 3136.6; 01-JUL-2010 16:35:04; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;43581
 6; 3339.7; 01-JUL-2010 16:38:27; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43581
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 4; 498.0; 02-JUL-2010 01:54:41; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43587
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12; 1483.1; 02-JUL-2010 03:51:42; Bright; 46.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 92; 0;43588
13; 2225.3; 02-JUL-2010 04:04:04; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43588
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9; 499.9; 02-JUL-2010 05:15:55; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43589
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12; 1483.4; 02-JUL-2010 05:32:18; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43589
13; 2224.8; 02-JUL-2010 05:44:40; Bright; 49.0; 168; 17Zet Aql ; 2.99; 11000;occ; 98; 0;43589
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6; 801.4; 02-JUL-2010 22:06:56; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43599
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6; 802.4; 02-JUL-2010 23:47:33; Dark ; 57.0; 172; Gam Gru ; 3.00; 13100;occ; 114; 0;43600
7; 1485.6; 02-JUL-2010 23:58:56; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43600
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11; 4419.3; 05-JUL-2010 21:32:23; Dark ; 78.5; 53; 43Bet And ; 2.05; 3300;occ; 157; 0;43641
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5; 2868.4; 05-JUL-2010 22:47:08; Bright; 47.5; 144; 18Del Cyg ; 2.86; 11000;occ; 95; 0;43642
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8; 158.3; 05-JUL-2010 06:56:34; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43633
9; 542.0; 05-JUL-2010 07:02:58; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;43633
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11; 835.5; 05-JUL-2010 07:07:51; Dark ; 55.0; 172; Gam Gru ; 3.00; 13100;occ; 110; 0;43633
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4;-1331.6; 06-JUL-2010 00:58:19; Dark ; 68.5; 50; 13Alp Ari ; 2.01; 4250;occ; 137; 0;43643
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3; 2858.8; 06-JUL-2010 20:34:45; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;43655
4; 3048.7; 06-JUL-2010 20:37:55; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;43655
5; 3290.6; 06-JUL-2010 20:41:57; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43655
6; 3740.9; 06-JUL-2010 20:49:27; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43655
7; 3851.4; 06-JUL-2010 20:51:18; Bright; 44.0; 110; 37Del Cas ; 2.68; 8900;occ; 88; 0;43655
8; 4259.8; 06-JUL-2010 20:58:06; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43655
9; 4418.9; 06-JUL-2010 21:00:45; Dark ; 84.0; 53; 43Bet And ; 2.05; 3300;occ; 168; 0;43655
10; 4709.1; 06-JUL-2010 21:05:35; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43655
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 4; 563.3; 06-JUL-2010 21:37:06; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;43656
 5; 717.1; 06-JUL-2010 21:39:39; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43656
 6; 857.8; 06-JUL-2010 21:42:00; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43656
 7; 2194.6; 06-JUL-2010 22:04:17; Bright; 45.5; 168; 17Zet Aql ; 2.99; 11000;occ; 91; 0;43656
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 6; 858.4; 06-JUL-2010 23:22:37; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43657
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 14; 4259.4; 07-JUL-2010 00:19:18; Bright; 54.0; 73; 57Gam1And ; 2.26; 13100;occ; 108; 0;43657
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 7; 2616.4; 07-JUL-2010 03:13:06; Bright; 38.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 76; 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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8; 0.5; 07-JUL-2010 04:10:06; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43659
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14; 5161.1; 30-JUL-2010 10:14:57; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;43992
15; 5422.7; 30-JUL-2010 10:19:19; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;43992
16; 5715.8; 30-JUL-2010 10:24:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43992
17; 5986.7; 30-JUL-2010 10:28:43; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;43992
18; 6324.6; 30-JUL-2010 10:34:21; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;43993
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3; 2700.7; 30-JUL-2010 11:14:33; Bright; 38.5; 144; 18Del Cyg ; 2.86; 11000;occ; 77; 0;43993
4; 2778.9; 30-JUL-2010 11:15:51; Bright; 47.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 94; 0;43993
5; 3102.2; 30-JUL-2010 11:21:14; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43993
6; 3988.2; 30-JUL-2010 11:36:00; Bright; 54.5; 160; 23Gam Per ; 2.93; 4700;occ; 109; 0;43993
7; 4085.5; 30-JUL-2010 11:37:38; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 0;43993
8; 4200.0; 30-JUL-2010 11:39:32; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;43993
9; 4316.3; 30-JUL-2010 11:41:29; Bright; 58.5; 149; 45Eps Per ; 2.89; 30000;occ; 117; 0;43993
10; 4510.0; 30-JUL-2010 11:44:42; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;43993
11; 4633.6; 30-JUL-2010 11:46:46; Dark ; 40.5; 176; 23Zet Tau ; 3.02; 22000;occ; 81; 0;43993

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 16; 5716.4; 30-JUL-2010 12:04:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43993
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 19; 6601.4; 30-JUL-2010 12:19:34; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;43994
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 3; 3102.1; 30-JUL-2010 13:01:50; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43994
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 5; 4200.0; 30-JUL-2010 13:20:08; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;43994
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 11; 5162.0; 30-JUL-2010 13:36:10; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;43994
 12; 5424.5; 30-JUL-2010 13:40:33; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;43994
 13; 5717.1; 30-JUL-2010 13:45:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43994
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 15; 6325.8; 30-JUL-2010 13:55:34; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;43995
 16; 6602.5; 30-JUL-2010 14:00:11; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;43995
 17; 6942.4; 30-JUL-2010 14:05:51; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43995
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 4; 4200.5; 30-JUL-2010 15:00:44; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;43995
 5; 4316.4; 30-JUL-2010 15:02:40; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;43995
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 11; 5425.5; 30-JUL-2010 15:21:09; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;43995
 12; 5717.8; 30-JUL-2010 15:26:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43995
 13; 5989.9; 30-JUL-2010 15:30:34; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;43995
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 15; 6603.7; 30-JUL-2010 15:40:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;43996
 16; 6942.9; 30-JUL-2010 15:46:27; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43996
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 3; 2699.6; 30-JUL-2010 16:16:20; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;43996
 4; 3100.8; 30-JUL-2010 16:23:01; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;43996
 5; 4084.5; 30-JUL-2010 16:39:24; Bright; 45.0; 35; 33Alp Per ; 1.79; 6250;occ; 90; 0;43996
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 8; 4497.9; 30-JUL-2010 16:46:18; Dark ; 53.5; 150; 44Zet Per ; 2.89; 28000;occ; 107; 0;43996
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 12; 5162.8; 30-JUL-2010 16:57:23; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;43996
 13; 5426.4; 30-JUL-2010 17:01:46; Dark ; 53.5; 165; 34Gam Eri ; 2.95; 3200;occ; 107; 0;43996
 14; 5718.5; 30-JUL-2010 17:06:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43996
 15; 5990.6; 30-JUL-2010 17:11:11; Dark ; 45.0; 157; The1Eri ; 2.91; 9300;occ; 90; 0;43996
 16; 6327.6; 30-JUL-2010 17:16:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;43997
 17; 6604.4; 30-JUL-2010 17:21:24; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;43997
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 3; 2591.6; 30-JUL-2010 17:55:08; Bright; 46.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 93; 0;43997
 4; 2699.4; 30-JUL-2010 17:56:55; Bright; 39.5; 144; 18Del Cyg ; 2.86; 11000;occ; 79; 0;43997
 5; 3100.4; 30-JUL-2010 18:03:36; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43997
 6; 4084.4; 30-JUL-2010 18:20:00; Bright; 45.0; 35; 33Alp Per ; 1.79; 6250;occ; 90; 0;43997
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 8; 4316.0; 30-JUL-2010 18:23:52; Bright; 42.5; 149; 45Eps Per ; 2.89; 30000;occ; 85; 0;43997
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 18; 6605.8; 30-JUL-2010 19:02:02; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;43998
 19; 6943.7; 30-JUL-2010 19:07:40; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;43998

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 4; 2591.1; 30-JUL-2010 19:35:43; Bright; 49.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 98; 0;43998
 5; 2699.3; 30-JUL-2010 19:37:31; Bright; 36.5; 144; 18Del Cyg ; 2.86; 11000;occ; 73; 0;43998
 6; 3100.0; 30-JUL-2010 19:44:12; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;43998
 7; 4084.0; 30-JUL-2010 20:00:36; Bright; 49.5; 35; 33Alp Per ; 1.79; 6250;occ; 99; 0;43998
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 9; 4316.0; 30-JUL-2010 20:04:28; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;43998
 10; 4498.2; 30-JUL-2010 20:07:30; Dark ; 54.0; 150; 44Zet Per ; 2.89; 28000;occ; 108; 0;43998
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 19; 6606.5; 30-JUL-2010 20:42:39; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;43999
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 10; -616.7; 30-JUL-2010 03:36:52; Dark ; 53.5; 165; 34Gam Eri ; 2.95; 3200;occ; 107; 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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 20; 2701.5; 30-JUL-2010 04:32:10; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;43989
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16; 4637.7; 31-JUL-2010 22:59:25; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;44014
17; 4787.6; 31-JUL-2010 23:01:54; Dark ; 60.5; 13; 87Alp Tau ; 0.87; 3800;occ; 121; 0;44014

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18; 4907.5; 31-JUL-2010 23:03:54; Dark ; 41.5; 27; 24Gam Ori ; 1.64; 26000;occ; 83; 0;44014
19; 5012.6; 31-JUL-2010 23:05:40; Dark ; 41.5; 72; 34Del Ori ; 2.25; 30000;occ; 83; 0;44014
20; 5170.5; 31-JUL-2010 23:08:17; Dark ; 41.0; 7; 19Bet Ori ; 0.10; 14000;occ; 82; 0;44014
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1; -593.2; 31-JUL-2010 23:12:50; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;44014
2; -305.3; 31-JUL-2010 23:17:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44014
3; -28.5; 31-JUL-2010 23:22:14; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;44014
4; 303.7; 31-JUL-2010 23:27:46; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44015
5; 587.9; 31-JUL-2010 23:32:31; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44015
6; 917.0; 31-JUL-2010 23:38:00; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44015
7; 1105.7; 31-JUL-2010 23:41:08; Dark ; 47.0; 172; Gam Gru ; 3.00; 13100;occ; 94; 0;44015
8; 2059.7; 31-JUL-2010 23:57:02; Bright; 39.5; 11; 53Alp Aql ; 0.76; 8000;occ; 79; 0;44015
9; 2581.6; 01-AUG-2010 00:05:44; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;44015
10; 2695.4; 01-AUG-2010 00:07:38; Bright; 35.0; 144; 18Del Cyg ; 2.86; 11000;occ; 70; 0;44015
11; 3092.6; 01-AUG-2010 00:14:15; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44015
12; 3980.4; 01-AUG-2010 00:29:03; Bright; 46.5; 160; 23Gam Per ; 2.93; 4700;occ; 93; 0;44015
13; 4139.1; 01-AUG-2010 00:31:42; Bright; 46.5; 175; 39Del Per ; 3.01; 19400;occ; 93; 0;44015
14; 4315.6; 01-AUG-2010 00:34:38; Bright; 46.0; 149; 45Eps Per ; 2.89; 30000;occ; 92; 0;44015
15; 4500.3; 01-AUG-2010 00:37:43; Dark ; 37.0; 150; 44Zet Per ; 2.89; 28000;occ; 74; 0;44015
16; 4637.7; 01-AUG-2010 00:40:01; Dark ; 39.5; 176; 23Zet Tau ; 3.02; 22000;occ; 79; 0;44015
17; 4787.6; 01-AUG-2010 00:42:30; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 0;44015
18; 4908.2; 01-AUG-2010 00:44:31; Dark ; 39.5; 27; 24Gam Ori ; 1.64; 26000;occ; 79; 0;44015
19; 5013.3; 01-AUG-2010 00:46:16; Dark ; 40.0; 72; 34Del Ori ; 2.25; 30000;occ; 80; 0;44015
20; 5170.5; 01-AUG-2010 00:48:53; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;44015
21; 5443.2; 01-AUG-2010 00:53:26; Dark ; 4.5; 165; 34Gam Eri ; 2.95; 3200;occ; 9; 0;44015

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