

GOMOS Daily Report 03-NOV-2009

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	06NOV2009 04:47:21
Data source version	GOMOS/5.00L03
Start time of products	03NOV2009 00:07:14
Stop time of products	03NOV2009 23:56:38
Store outputs in DB	Yes
Nb of level 1b prods	108
Nb of prods with errors	0

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

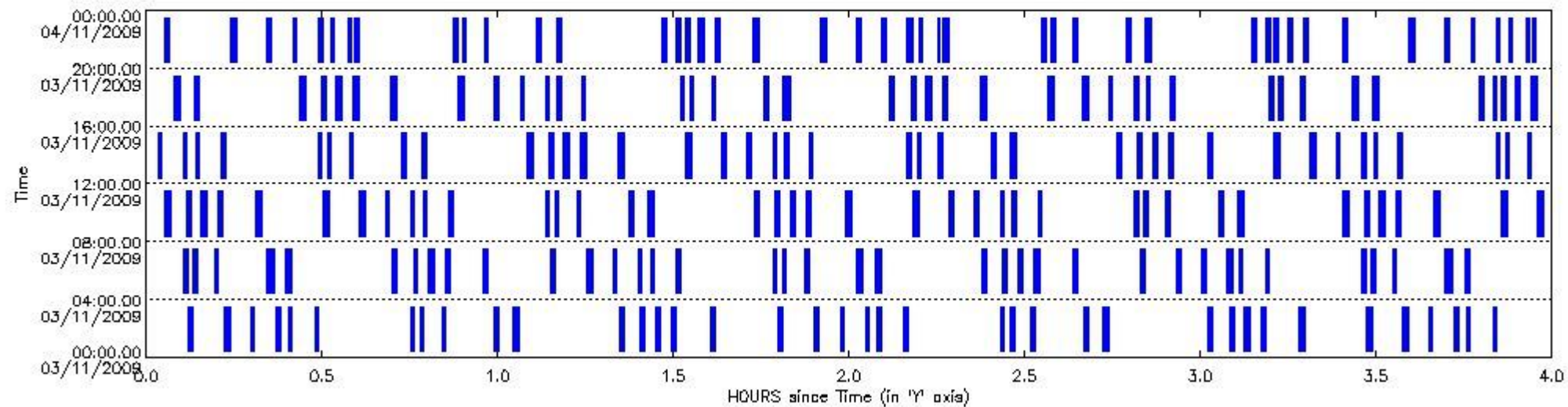
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

No missing products.

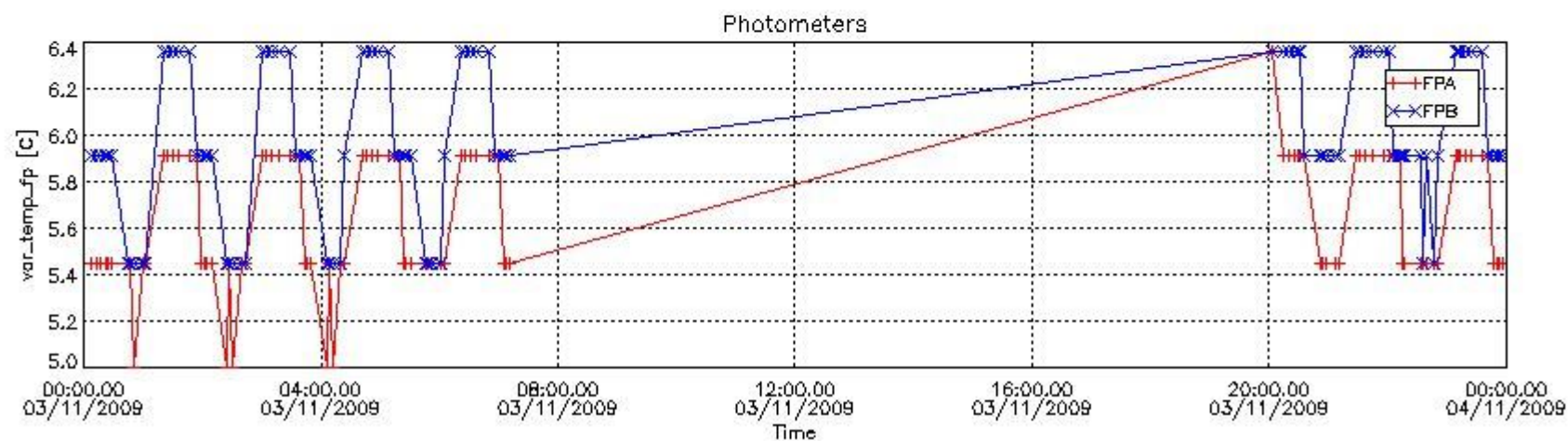
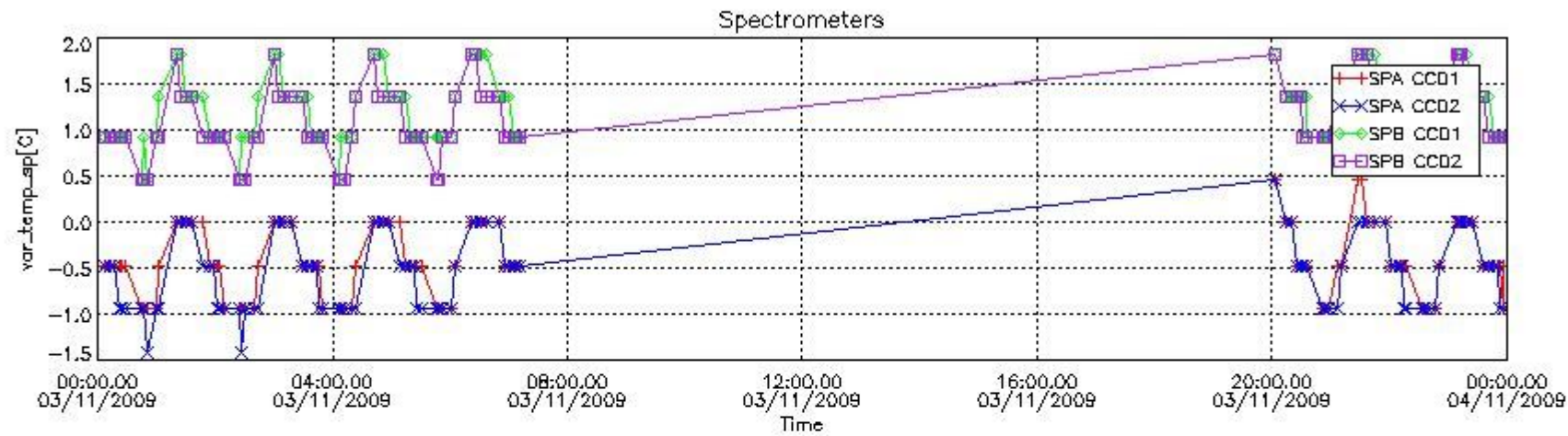
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20091103_000714_000000492084_00002_40136_2537.N1	03-NOV-2009 00:07:14	Straylight	49.000	165	34Gam Eri	2.9500	3200.0	98	40136	No
2	GOM_TRA_1PNPDE20091103_001323_000000542084_00002_40136_2538.N1	03-NOV-2009 00:13:23	Twilight_and_stray	54.000	94	92Alp Cet	2.5260	3100.0	108	40136	No
3	GOM_TRA_1PNPDE20091103_001750_000000392084_00002_40136_2539.N1	03-NOV-2009 00:17:50	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40136	No
4	GOM_TRA_1PNPDE20091103_002211_000000372084_00002_40136_2540.N1	03-NOV-2009 00:22:11	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	40136	No
5	GOM_TRA_1PNPDE20091103_002414_000000382084_00002_40136_2541.N1	03-NOV-2009 00:24:14	Bright	38.000	73	57Gam1And	2.2600	13100.	76	40136	No
6	GOM_TRA_1PNPDE20091103_002841_000000412084_00002_40136_2542.N1	03-NOV-2009 00:28:41	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	40136	No
7	GOM_TRA_1PNPDE20091103_004510_000000392084_00002_40136_2543.N1	03-NOV-2009 00:45:10	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	40136	No
8	GOM_TRA_1PNPDE20091103_004647_000000392084_00002_40136_2544.N1	03-NOV-2009 00:46:47	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	40136	No
9	GOM_TRA_1PNPDE20091103_005030_000000382084_00002_40136_2545.N1	03-NOV-2009 00:50:30	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	40136	No
10	GOM_TRA_1PNPDE20091103_005921_000000552084_00002_40136_2546.N1	03-NOV-2009 00:59:21	Bright	54.500	51	41Gam1Leo	2.0100	4500.0	109	40136	No
11	GOM_TRA_1PNPDE20091103_010238_000000582084_00002_40136_2547.N1	03-NOV-2009 01:02:38	Bright	58.000	22	32Alp Leo	1.3600	15200.	116	40136	No
12	GOM_TRA_1PNPDE20091103_012043_000000492084_00003_40137_2539.N1	03-NOV-2009 01:20:43	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	40137	No

13	GOM_TRA_1PNPDE20091103_012421_000000462084_00003_40137_2540.N1	03-NOV-2009 01:24:21	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	40137	No
14	GOM_TRA_1PNPDE20091103_012944_000000472084_00003_40137_2541.N1	03-NOV-2009 01:29:44	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	40137	No
15	GOM_TRA_1PNPDE20091103_013614_000000552084_00003_40137_2542.N1	03-NOV-2009 01:36:14	Dark	55.000	108	Alp Col	2.6520	15200.	110	40137	No
16	GOM_TRA_1PNPDE20091103_014750_000000492084_00003_40137_2543.N1	03-NOV-2009 01:47:50	Straylight	49.000	165	34Gam Eri	2.9500	3200.0	98	40137	No
17	GOM_TRA_1PNPDE20091103_015359_000000542084_00003_40137_2544.N1	03-NOV-2009 01:53:59	Tw_i_and_stray	54.000	94	92Alp Cet	2.5260	3100.0	108	40137	No
18	GOM_TRA_1PNPDE20091103_015826_000000392084_00003_40137_2545.N1	03-NOV-2009 01:58:26	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40137	No
19	GOM_TRA_1PNPDE20091103_020247_000000392084_00003_40137_2546.N1	03-NOV-2009 02:02:47	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40137	No
20	GOM_TRA_1PNPDE20091103_020450_000000412084_00003_40137_2547.N1	03-NOV-2009 02:04:50	Bright	40.500	73	57Gam1And	2.2600	13100.	81	40137	No
21	GOM_TRA_1PNPDE20091103_020917_000000412084_00003_40137_2548.N1	03-NOV-2009 02:09:17	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	40137	No
22	GOM_TRA_1PNPDE20091103_022546_000000422084_00003_40137_2549.N1	03-NOV-2009 02:25:46	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40137	No
23	GOM_TRA_1PNPDE20091103_022723_000000532084_00003_40137_2550.N1	03-NOV-2009 02:27:23	Bright	52.500	82	48Bet UMa	2.3650	10600.	105	40137	No
24	GOM_TRA_1PNPDE20091103_023106_000000382084_00003_40137_2551.N1	03-NOV-2009 02:31:06	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	40137	No
25	GOM_TRA_1PNPDE20091103_023958_000000532084_00003_40137_2552.N1	03-NOV-2009 02:39:58	Bright	52.500	51	41Gam1Leo	2.0100	4500.0	105	40137	No
26	GOM_TRA_1PNPDE20091103_024314_000000652084_00003_40137_2553.N1	03-NOV-2009 02:43:14	Bright	64.500	22	32Alp Leo	1.3600	15200.	129	40137	No
27	GOM_TRA_1PNPDE20091103_030120_000000482084_00004_40138_2554.N1	03-NOV-2009 03:01:20	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	40138	No
28	GOM_TRA_1PNPDE20091103_030458_000000492084_00004_40138_2555.N1	03-NOV-2009 03:04:58	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40138	No
29	GOM_TRA_1PNPDE20091103_031020_000000472084_00004_40138_2556.N1	03-NOV-2009 03:10:20	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	40138	No
30	GOM_TRA_1PNPDE20091103_031651_000000572084_00004_40138_2557.N1	03-NOV-2009 03:16:51	Dark	57.000	108	Alp Col	2.6520	15200.	114	40138	No
31	GOM_TRA_1PNPDE20091103_032826_000000542084_00004_40138_2558.N1	03-NOV-2009 03:28:26	Straylight	54.000	165	34Gam Eri	2.9500	3200.0	108	40138	No
32	GOM_TRA_1PNPDE20091103_033435_000000542084_00004_40138_2559.N1	03-NOV-2009 03:34:35	Tw_i_and_stray	54.000	94	92Alp Cet	2.5260	3100.0	108	40138	No
33	GOM_TRA_1PNPDE20091103_033902_000000392084_00004_40138_2560.N1	03-NOV-2009 03:39:02	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40138	No
34	GOM_TRA_1PNPDE20091103_034323_000000382084_00004_40138_2561.N1	03-NOV-2009 03:43:23	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40138	No
35	GOM_TRA_1PNPDE20091103_034525_000000402084_00004_40138_2562.N1	03-NOV-2009 03:45:25	Bright	40.000	73	57Gam1And	2.2600	13100.	80	40138	No
36	GOM_TRA_1PNPDE20091103_034952_000000412084_00004_40138_2563.N1	03-NOV-2009 03:49:52	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	40138	No
37	GOM_TRA_1PNPDE20091103_040622_000000422084_00004_40138_2554.N1	03-NOV-2009 04:06:22	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40138	No
38	GOM_TRA_1PNPDE20091103_040759_000000412084_00004_40138_2555.N1	03-NOV-2009 04:07:59	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40138	No
39	GOM_TRA_1PNPDE20091103_041142_000000372084_00004_40138_2556.N1	03-NOV-2009 04:11:42	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	40138	No
40	GOM_TRA_1PNPDE20091103_042034_000000712084_00004_40138_2557.N1	03-NOV-2009 04:20:34	Bright	71.000	51	41Gam1Leo	2.0100	4500.0	142	40138	No
41	GOM_TRA_1PNPDE20091103_042351_000000632084_00004_40138_2558.N1	03-NOV-2009 04:23:51	Bright	63.000	22	32Alp Leo	1.3600	15200.	126	40138	No
42	GOM_TRA_1PNPDE20091103_044156_000000572084_00005_40139_2559.N1	03-NOV-2009 04:41:56	Dark	56.500	65	Lam Vel	2.2040	4400.0	113	40139	No
43	GOM_TRA_1PNPDE20091103_044535_000000462084_00005_40139_2560.N1	03-NOV-2009 04:45:35	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40139	No
44	GOM_TRA_1PNPDE20091103_045057_000000502084_00005_40139_2561.N1	03-NOV-2009 04:50:57	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	40139	No
45	GOM_TRA_1PNPDE20091103_045727_000000572084_00005_40139_2562.N1	03-NOV-2009 04:57:27	Dark	57.000	108	Alp Col	2.6520	15200.	114	40139	No
46	GOM_TRA_1PNPDE20091103_050902_000000542084_00005_40139_2563.N1	03-NOV-2009 05:09:02	Straylight	54.000	165	34Gam Eri	2.9500	3200.0	108	40139	No
47	GOM_TRA_1PNPDE20091103_051510_000000582084_00005_40139_2564.N1	03-NOV-2009 05:15:10	Tw_i_and_stray	58.000	94	92Alp Cet	2.5260	3100.0	116	40139	No
48	GOM_TRA_1PNPDE20091103_051938_000000392084_00005_40139_2565.N1	03-NOV-2009 05:19:38	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40139	No
49	GOM_TRA_1PNPDE20091103_052359_000000392084_00005_40139_2566.N1	03-NOV-2009 05:23:59	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40139	No
50	GOM_TRA_1PNPDE20091103_052601_000000412084_00005_40139_2567.N1	03-NOV-2009 05:26:01	Bright	40.500	73	57Gam1And	2.2600	13100.	81	40139	No
51	GOM_TRA_1PNPDE20091103_053028_000000412084_00005_40139_2568.N1	03-NOV-2009 05:30:28	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	40139	No
52	GOM_TRA_1PNPDE20091103_054658_000000372084_00005_40139_2561.N1	03-NOV-2009 05:46:58	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	40139	No
53	GOM_TRA_1PNPDE20091103_054835_000000372084_00005_40139_2562.N1	03-NOV-2009 05:48:35	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	40139	No
54	GOM_TRA_1PNPDE20091103_055218_000000572084_00005_40139_2563.N1	03-NOV-2009 05:52:18	Bright	57.000	174	52Psi UMa	3.0040	4400.0	114	40139	No
55	GOM_TRA_1PNPDE20091103_060110_000000712084_00005_40139_2564.N1	03-NOV-2009 06:01:10	Bright	71.000	51	41Gam1Leo	2.0100	4500.0	142	40139	No
56	GOM_TRA_1PNPDE20091103_060428_000000632084_00005_40139_2565.N1	03-NOV-2009 06:04:28	Bright	63.000	22	32Alp Leo	1.3600	15200.	126	40139	No
57	GOM_TRA_1PNPDE20091103_062233_000000572084_00006_40140_2566.N1	03-NOV-2009 06:22:33	Dark	56.500	65	Lam Vel	2.2040	4400.0	113	40140	No
58	GOM_TRA_1PNPDE20091103_062612_000000452084_00006_40140_2567.N1	03-NOV-2009 06:26:12	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	40140	No
59	GOM_TRA_1PNPDE20091103_063134_000000632084_00006_40140_2568.N1	03-NOV-2009 06:31:34	Dark	63.000	2	Alp Car	-0.73600	7000.0	126	40140	No
60	GOM_TRA_1PNPDE20091103_063804_000000572084_00006_40140_2569.N1	03-NOV-2009 06:38:04	Dark	56.500	108	Alp Col	2.6520	15200.	113	40140	No
61	GOM_TRA_1PNPDE20091103_064938_000000602084_00006_40140_2570.N1	03-NOV-2009 06:49:38	Straylight	60.000	165	34Gam Eri	2.9500	3200.0	120	40140	No
62	GOM_TRA_1PNPDE20091103_065546_000000562084_00006_40140_2571.N1	03-NOV-2009 06:55:46	Tw_i_and_stray	55.500	94	92Alp Cet	2.5260	3100.0	111	40140	No
63	GOM_TRA_1PNPDE20091103_070013_000000392084_00006_40140_2572.N1	03-NOV-2009 07:00:13	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40140	No
64	GOM_TRA_1PNPDE20091103_070434_000000572084_00006_40140_2573.N1	03-NOV-2009 07:04:34	Bright	57.000	173	4Bet Tri	3.0040	8900.0	114	40140	No
65	GOM_TRA_1PNPDE20091103_070637_000000382084_00006_40140_2574.N1	03-NOV-2009 07:06:37	Bright	38.000	73	57Gam1And	2.2600	13100.	76	40140	No
66	GOM_TRA_1PNPDE20091103_071103_000000422084_00006_40140_2575.N1	03-NOV-2009 07:11:03	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	40140	No
67	GOM_TRA_1PNPDE20091103_200259_000000602084_00014_40148_2597.N1	03-NOV-2009 20:02:59	Dark	60.000	108	Alp Col	2.6520	15200.	120	40148	No
68	GOM_TRA_1PNPDE20091103_201425_000000632084_00014_40148_2598.N1	03-NOV-2009 20:14:25	Straylight	62.500	165	34Gam Eri	2.9500	3200.0	125	40148	No
69	GOM_TRA_1PNPDE20091103_202032_000000552084_00014_40148_2599.N1	03-NOV-2009 20:20:32	Tw_i_and_stray	54.500	94	92Alp Cet	2.5260	3100.0	109	40148	No
70	GOM_TRA_1PNPDE20091103_202500_000000382084_00014_40148_2600.N1	03-NOV-2009 20:25:00	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40148	No
71	GOM_TRA_1PNPDE20091103_202920_000000562084_00014_40148_2601.N1	03-NOV-2009 20:29:20	Bright	56.000	173	4Bet Tri	3.0040	8900.0	112	40148	No

72	GOM_TRA_1PNPDE20091103_203123_000000402084_00014_40148_2602.N1	03-NOV-2009 20:31:23	Bright	39.500	73	57Gam1And	2.2600	13100.	79	40148	No
73	GOM_TRA_1PNPDE20091103_203430_000000282084_00014_40148_2603.N1	03-NOV-2009 20:34:30	Twilight	28.000	149	45Eps Per	2.8880	30000.	56	40148	No
74	GOM_TRA_1PNPDE20091103_203528_000000452084_00014_40148_2604.N1	03-NOV-2009 20:35:28	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	40148	No
75	GOM_TRA_1PNPDE20091103_205220_000000562084_00014_40148_2605.N1	03-NOV-2009 20:52:20	Bright	56.000	36	50Alp UMa	1.8000	6300.0	112	40148	No
76	GOM_TRA_1PNPDE20091103_205357_000000392084_00014_40148_2606.N1	03-NOV-2009 20:53:57	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	40148	No
77	GOM_TRA_1PNPDE20091103_205742_000000402084_00014_40148_2607.N1	03-NOV-2009 20:57:42	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	40148	No
78	GOM_TRA_1PNPDE20091103_210637_000000522084_00014_40148_2608.N1	03-NOV-2009 21:06:37	Bright	52.000	51	41Gam1Leo	2.0100	4500.0	104	40148	No
79	GOM_TRA_1PNPDE20091103_210957_000000622084_00014_40148_2609.N1	03-NOV-2009 21:09:57	Bright	61.500	22	32Alp Leo	1.3600	15200.	123	40148	No
80	GOM_TRA_1PNPDE20091103_212805_000000492084_00015_40149_2603.N1	03-NOV-2009 21:28:05	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	40149	No
81	GOM_TRA_1PNPDE20091103_213032_000000432084_00015_40149_2604.N1	03-NOV-2009 21:30:32	Dark	43.000	46	Del Vel	1.9540	10600.	86	40149	No
82	GOM_TRA_1PNPDE20091103_213157_000000532084_00015_40149_2605.N1	03-NOV-2009 21:31:57	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40149	No
83	GOM_TRA_1PNPDE20091103_213704_000000482084_00015_40149_2606.N1	03-NOV-2009 21:37:04	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40149	No
84	GOM_TRA_1PNPDE20091103_214336_000000612084_00015_40149_2607.N1	03-NOV-2009 21:43:36	Dark	61.000	108	Alp Col	2.6520	15200.	122	40149	No
85	GOM_TRA_1PNPDE20091103_215501_000000612084_00015_40149_2608.N1	03-NOV-2009 21:55:01	Straylight	60.500	165	34Gam Eri	2.9500	3200.0	121	40149	No
86	GOM_TRA_1PNPDE20091103_220107_000000542084_00015_40149_2609.N1	03-NOV-2009 22:01:07	Twilight	54.000	94	92Alp Cet	2.5260	3100.0	108	40149	No
87	GOM_TRA_1PNPDE20091103_220536_000000382084_00015_40149_2610.N1	03-NOV-2009 22:05:36	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40149	No
88	GOM_TRA_1PNPDE20091103_220955_000000512084_00015_40149_2611.N1	03-NOV-2009 22:09:55	Bright	51.000	173	4Bet Tri	3.0040	8900.0	102	40149	No
89	GOM_TRA_1PNPDE20091103_221158_000000372084_00015_40149_2612.N1	03-NOV-2009 22:11:58	Bright	36.500	73	57Gam1And	2.2600	13100.	73	40149	No
90	GOM_TRA_1PNPDE20091103_221504_000000282084_00015_40149_2613.N1	03-NOV-2009 22:15:04	Twilight	28.000	149	45Eps Per	2.8880	30000.	56	40149	No
91	GOM_TRA_1PNPDE20091103_221603_000000642084_00015_40149_2614.N1	03-NOV-2009 22:16:03	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	40149	No
92	GOM_TRA_1PNPDE20091103_223256_000000442084_00015_40149_2615.N1	03-NOV-2009 22:32:56	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	40149	No
93	GOM_TRA_1PNPDE20091103_223433_000000372084_00015_40149_2616.N1	03-NOV-2009 22:34:33	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	40149	No
94	GOM_TRA_1PNPDE20091103_223818_000000392084_00015_40149_2617.N1	03-NOV-2009 22:38:18	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	40149	No
95	GOM_TRA_1PNPDE20091103_224714_000000542084_00015_40149_2618.N1	03-NOV-2009 22:47:14	Bright	54.000	51	41Gam1Leo	2.0100	4500.0	108	40149	No
96	GOM_TRA_1PNPDE20091103_225034_000000632084_00015_40149_2619.N1	03-NOV-2009 22:50:34	Bright	62.500	22	32Alp Leo	1.3600	15200.	125	40149	No
97	GOM_TRA_1PNPDE20091103_230841_000000592084_00016_40150_2609.N1	03-NOV-2009 23:08:41	Dark	59.000	65	Lam Vel	2.2040	4400.0	118	40150	No
98	GOM_TRA_1PNPDE20091103_231108_000000432084_00016_40150_2610.N1	03-NOV-2009 23:11:08	Dark	42.500	46	Del Vel	1.9540	10600.	85	40150	No
99	GOM_TRA_1PNPDE20091103_231234_000000522084_00016_40150_2611.N1	03-NOV-2009 23:12:34	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40150	No
100	GOM_TRA_1PNPDE20091103_231741_000000492084_00016_40150_2612.N1	03-NOV-2009 23:17:41	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	40150	No
101	GOM_TRA_1PNPDE20091103_232413_000000592084_00016_40150_2613.N1	03-NOV-2009 23:24:13	Dark	58.500	108	Alp Col	2.6520	15200.	117	40150	No
102	GOM_TRA_1PNPDE20091103_233537_000000622084_00016_40150_2614.N1	03-NOV-2009 23:35:37	Straylight	61.500	165	34Gam Eri	2.9500	3200.0	123	40150	No
103	GOM_TRA_1PNPDE20091103_234143_000000542084_00016_40150_2615.N1	03-NOV-2009 23:41:43	Twilight	54.000	94	92Alp Cet	2.5260	3100.0	108	40150	No
104	GOM_TRA_1PNPDE20091103_234611_000000392084_00016_40150_2616.N1	03-NOV-2009 23:46:11	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40150	No
105	GOM_TRA_1PNPDE20091103_235031_000000392084_00016_40150_2617.N1	03-NOV-2009 23:50:31	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40150	No
106	GOM_TRA_1PNPDE20091103_235234_000000402084_00016_40150_2618.N1	03-NOV-2009 23:52:34	Bright	39.500	73	57Gam1And	2.2600	13100.	79	40150	No
107	GOM_TRA_1PNPDE20091103_235539_000000332084_00016_40150_2619.N1	03-NOV-2009 23:55:39	Twilight	33.000	149	45Eps Per	2.8880	30000.	66	40150	No
108	GOM_TRA_1PNPDE20091103_235638_000000442084_00016_40150_2620.N1	03-NOV-2009 23:56:38	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	40150	No

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



4. Overview of dark signal processing per product

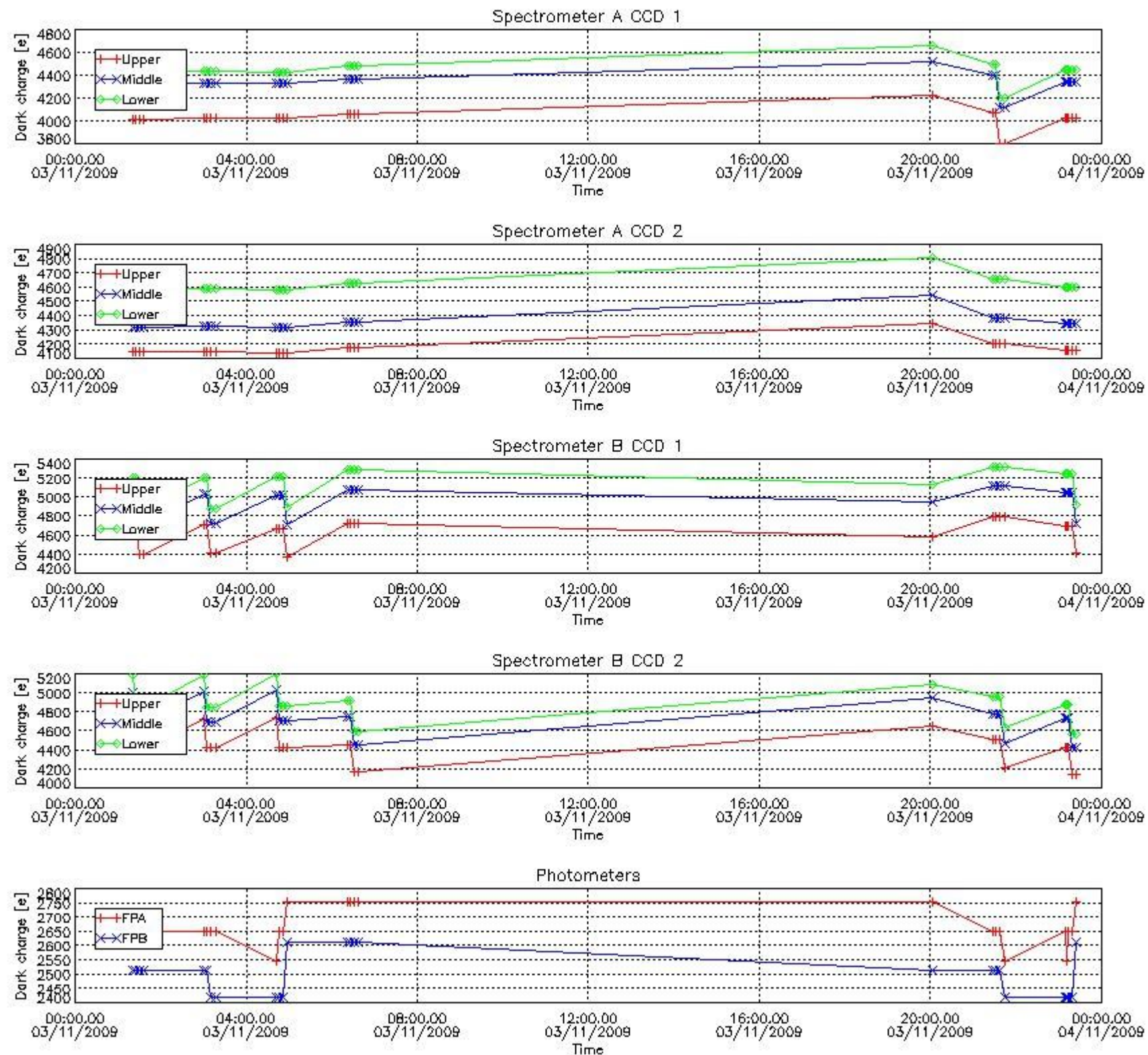
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20091103_200259_000000602084_00014_40148_2597.N1	DC map used
GOM_TRA_1PNPDE20091103_201425_000000632084_00014_40148_2598.N1	DC map used
GOM_TRA_1PNPDE20091103_202032_000000552084_00014_40148_2599.N1	DC map used
GOM_TRA_1PNPDE20091103_202500_000000382084_00014_40148_2600.N1	DC map used
GOM_TRA_1PNPDE20091103_202920_000000562084_00014_40148_2601.N1	DC map used
GOM_TRA_1PNPDE20091103_203123_000000402084_00014_40148_2602.N1	DC map used
GOM_TRA_1PNPDE20091103_203430_000000282084_00014_40148_2603.N1	DC map used
GOM_TRA_1PNPDE20091103_203528_000000452084_00014_40148_2604.N1	DC map used
GOM_TRA_1PNPDE20091103_205220_000000562084_00014_40148_2605.N1	DC map used
GOM_TRA_1PNPDE20091103_205357_000000392084_00014_40148_2606.N1	DC map used
GOM_TRA_1PNPDE20091103_205742_000000402084_00014_40148_2607.N1	DC map used
GOM_TRA_1PNPDE20091103_210637_000000522084_00014_40148_2608.N1	DC map used
GOM_TRA_1PNPDE20091103_210957_000000622084_00014_40148_2609.N1	DC map used

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



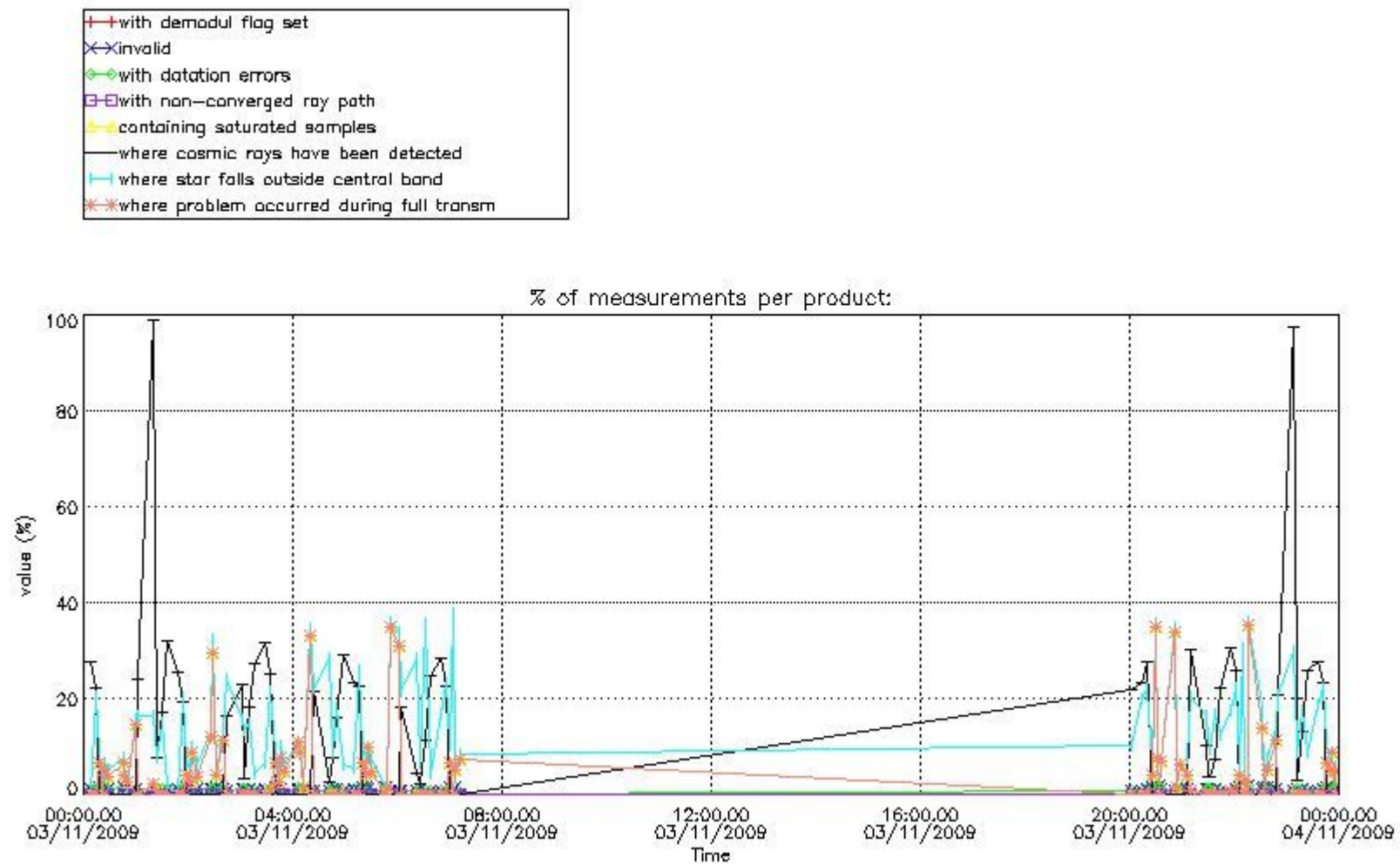
5. Demodulation flag and quality information monitoring

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.

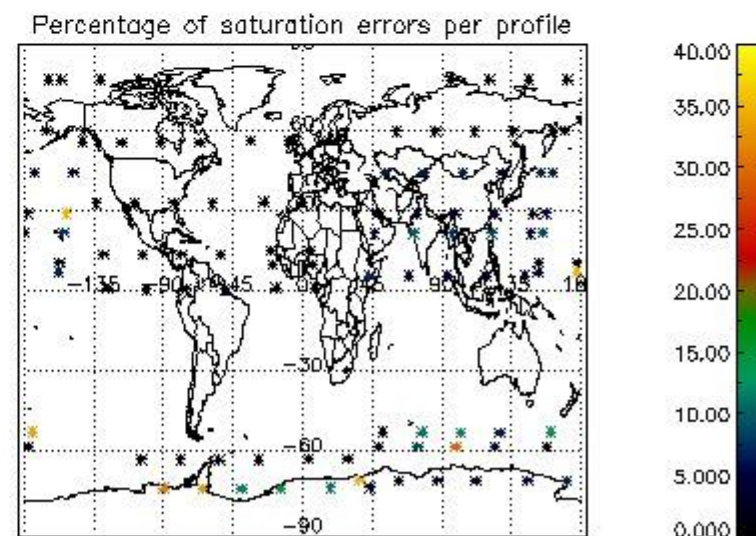
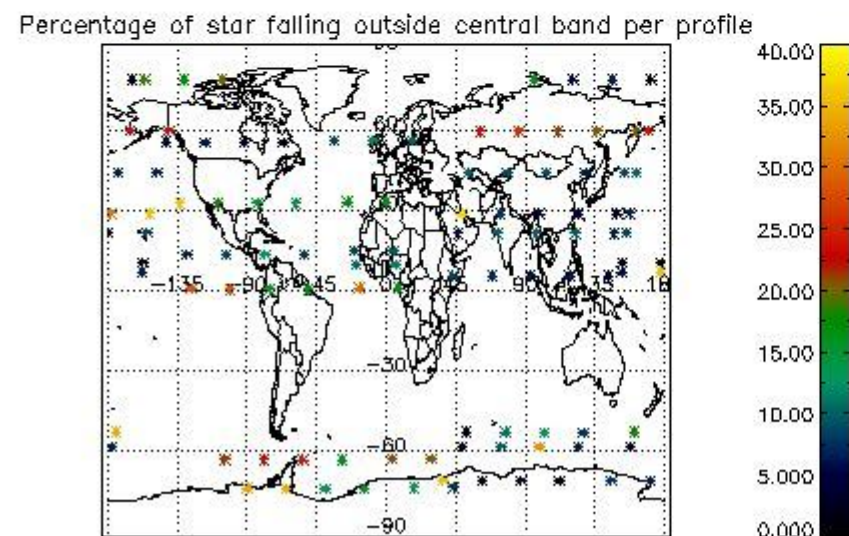
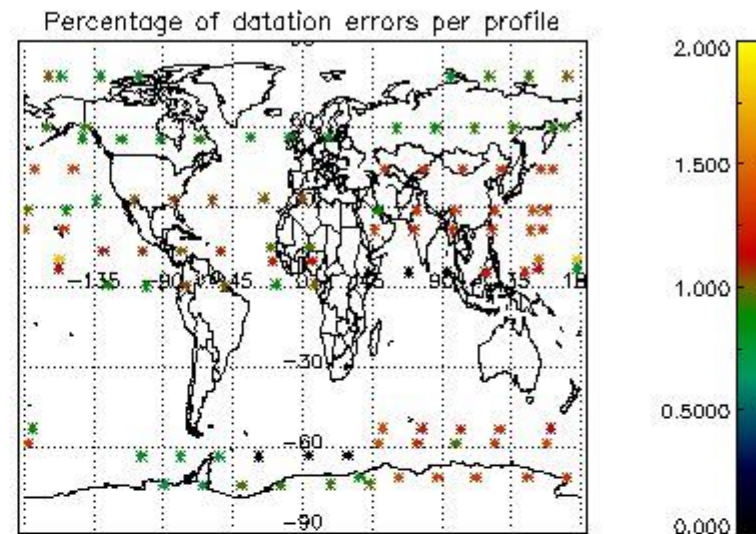
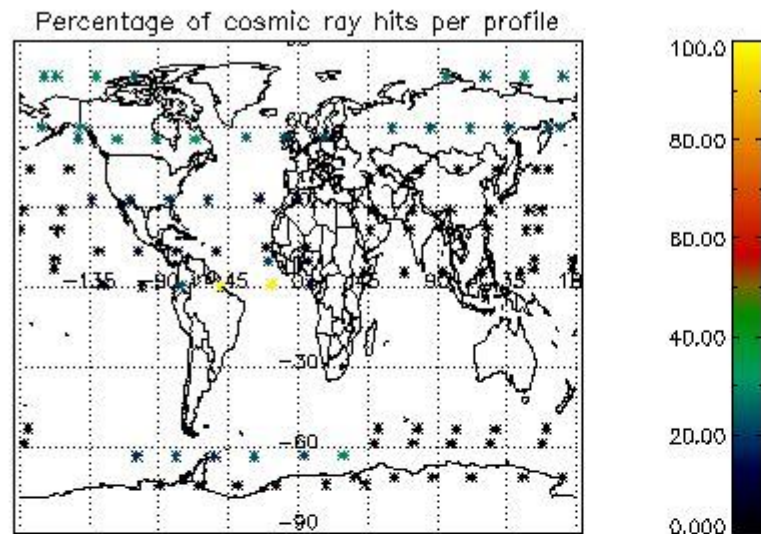
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	31.4815 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



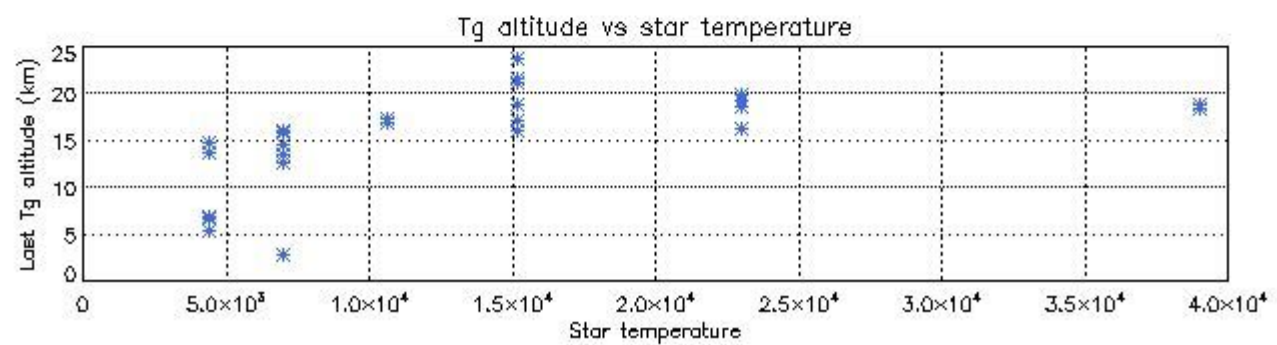
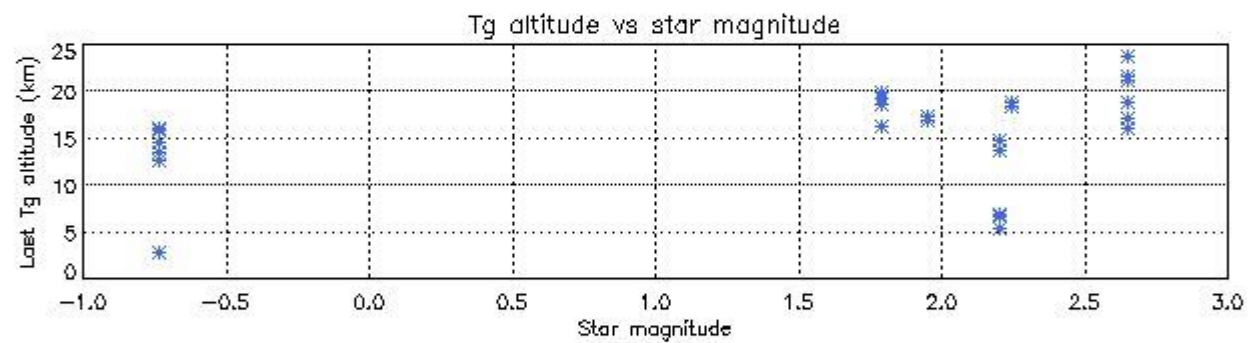
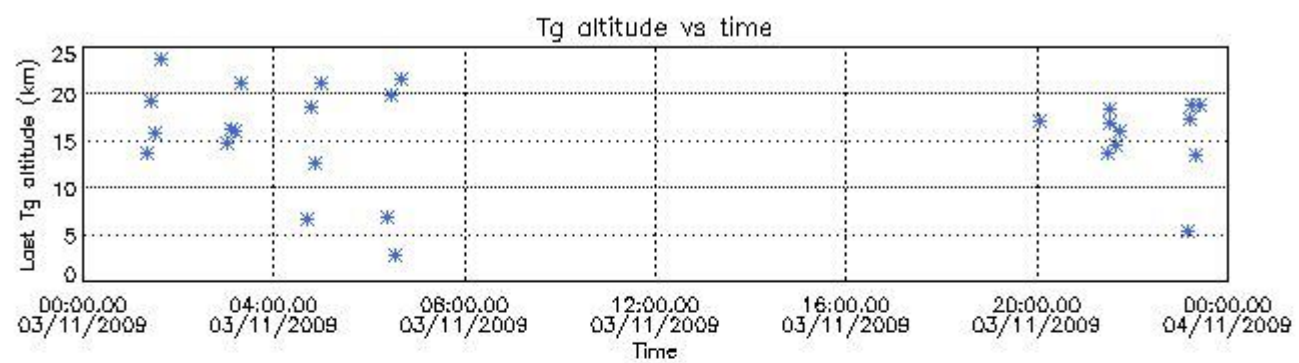
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.596	16.933	NaN
St. deviation:	5.1595	6.3542	NaN
Maximum:	23.721	25.823	NaN
Minimum:	2.7024	3.0672	NaN
Number of data:	27.000	62.000	NaN

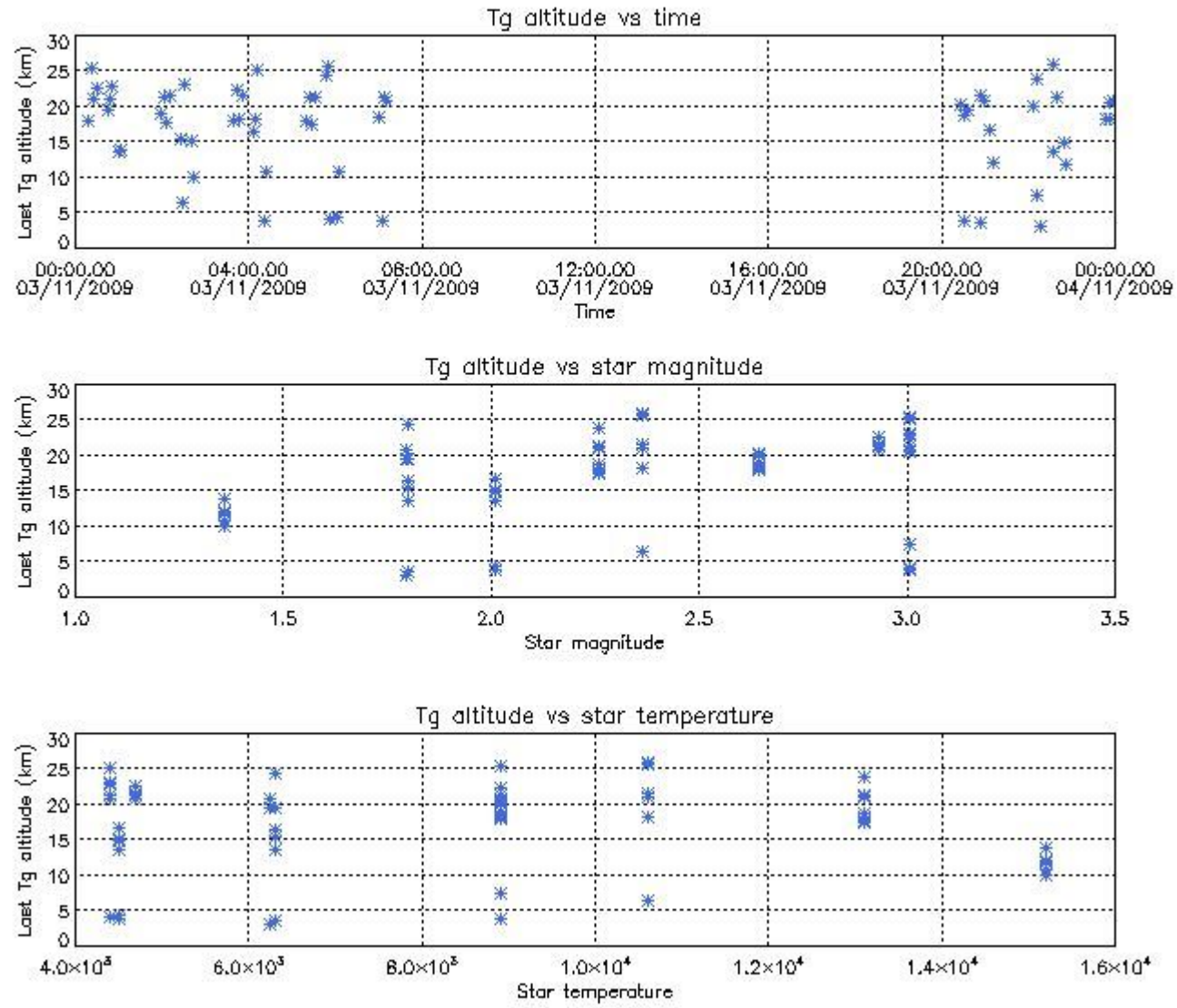
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

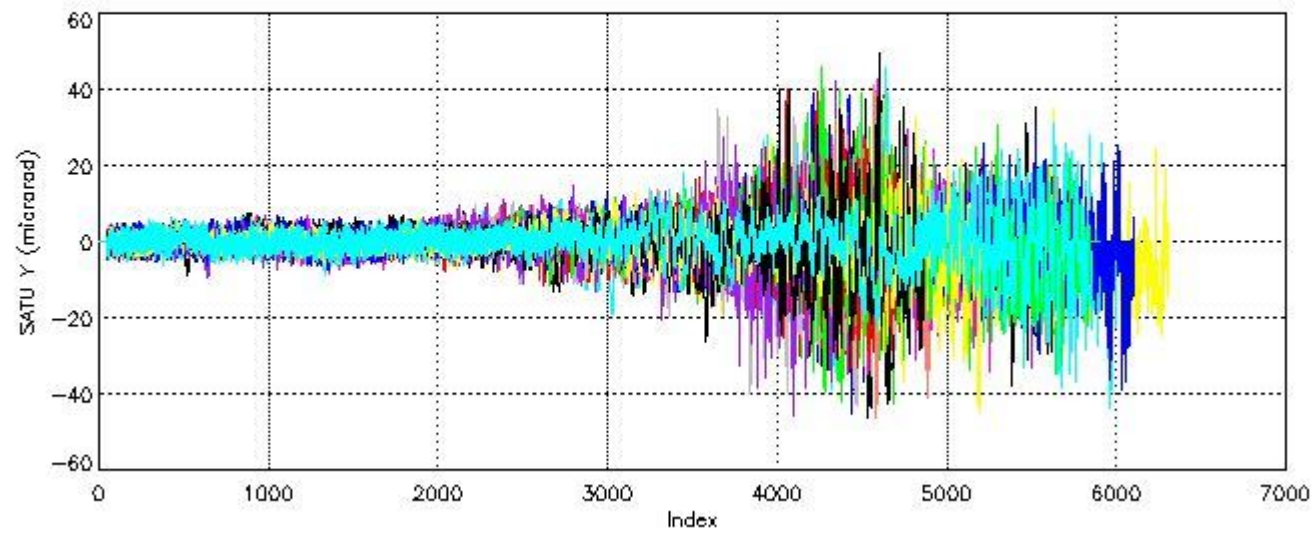
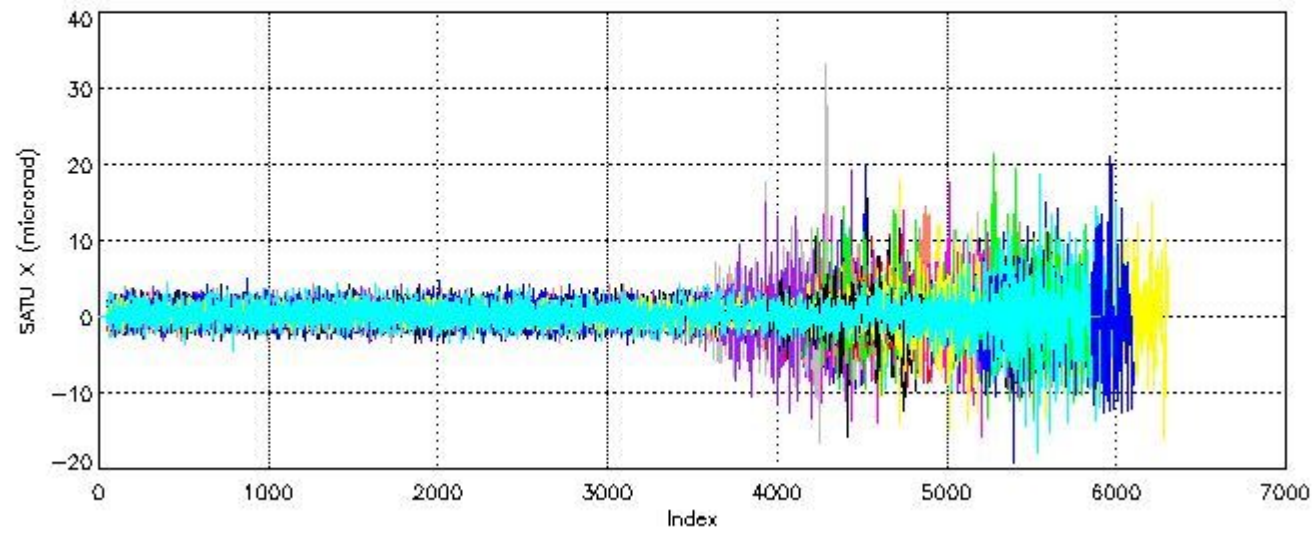


7. Star Acquisition and Tracking Unit (SATU)

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:	0.23803	0.016878	0.18869	-0.069815
St. deviation:	0.56266	1.5677	0.79219	1.7671
Maximum:	5.0000	7.6000	5.8000	9.8000
Minimum:	-4.5000	-9.6000	-5.4000	-11.000

Number of data:	30450.	30450.	59450.	59450.
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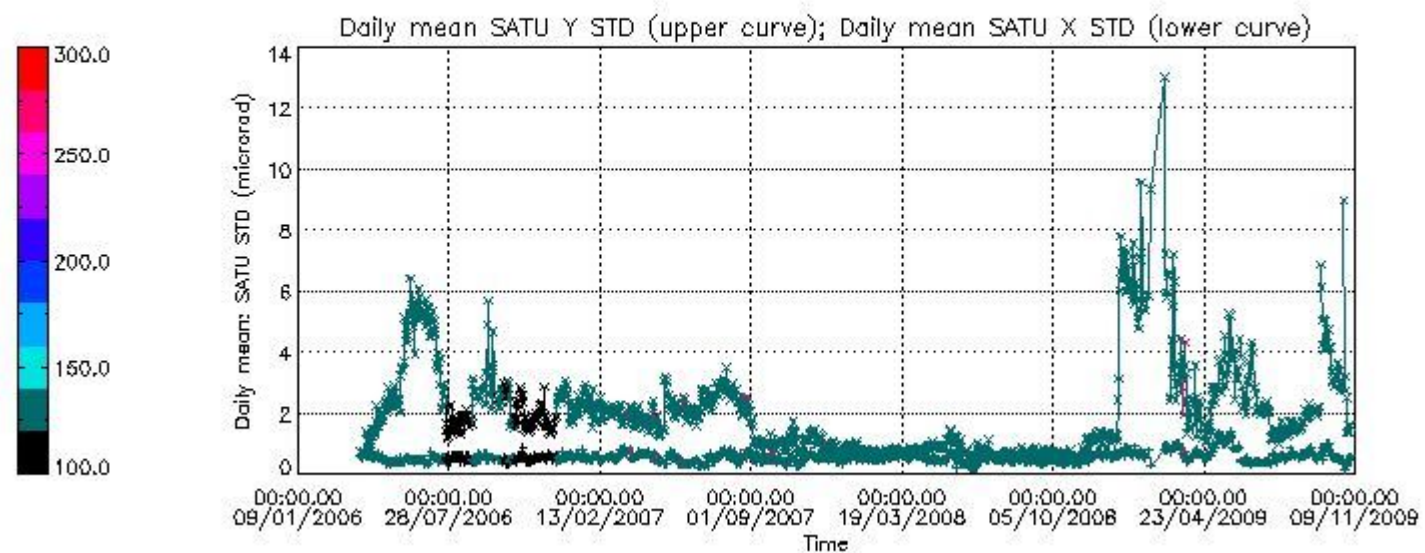
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

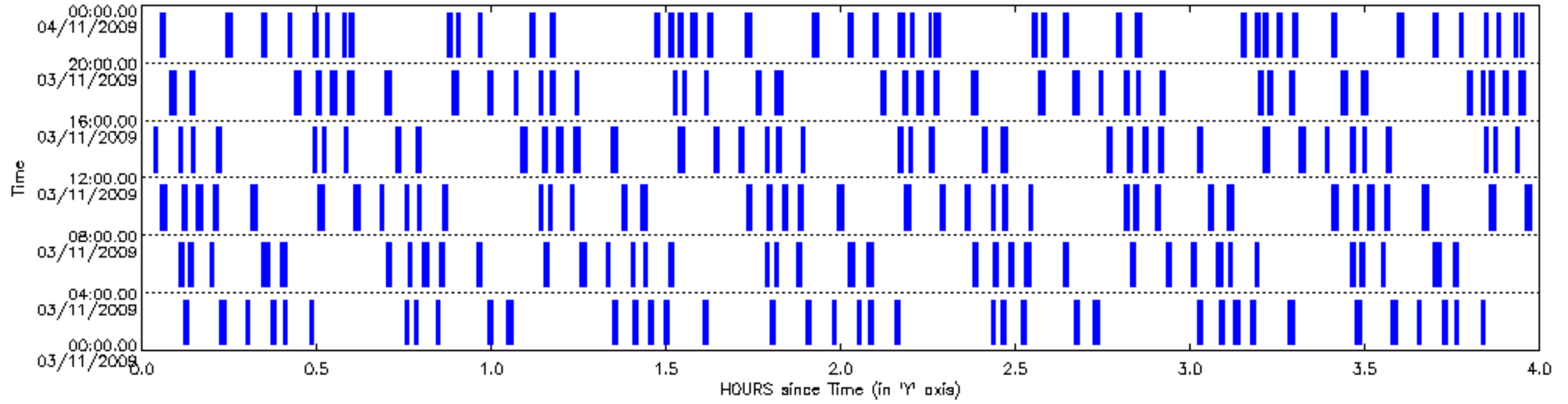
Lower curve: STD of SATU X axis

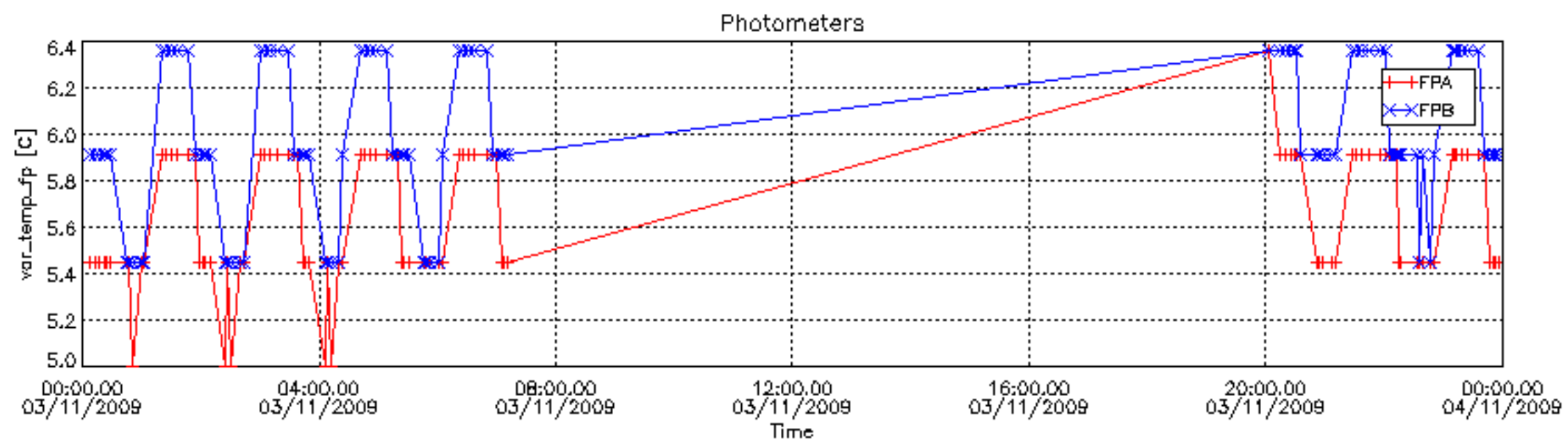
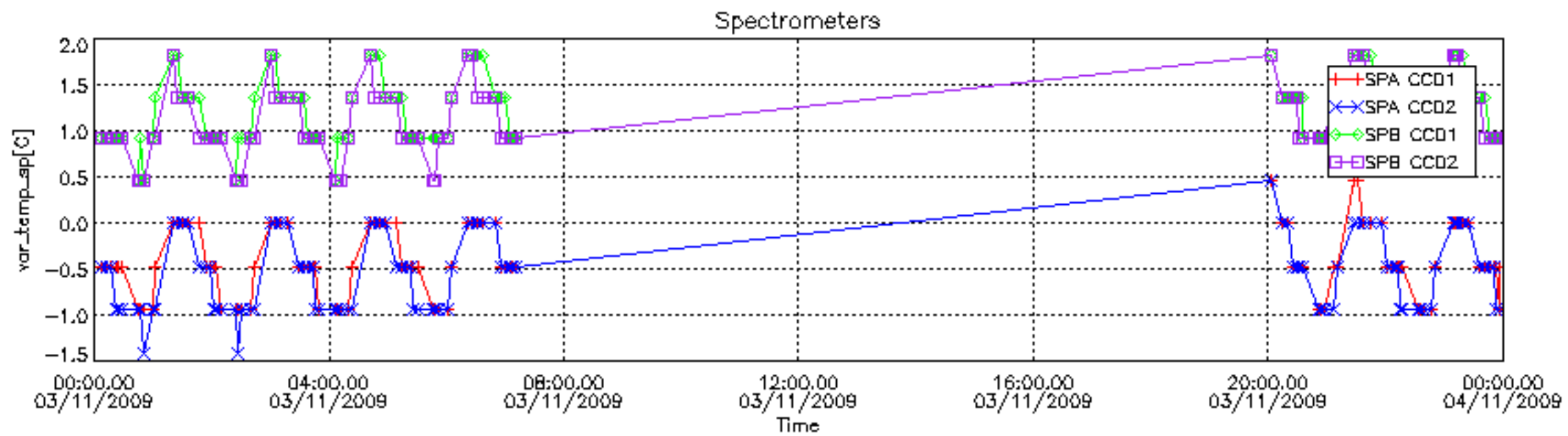


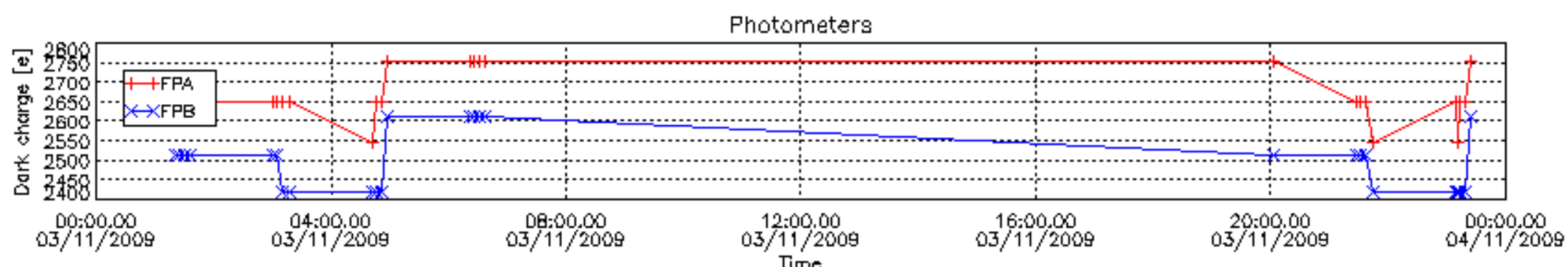
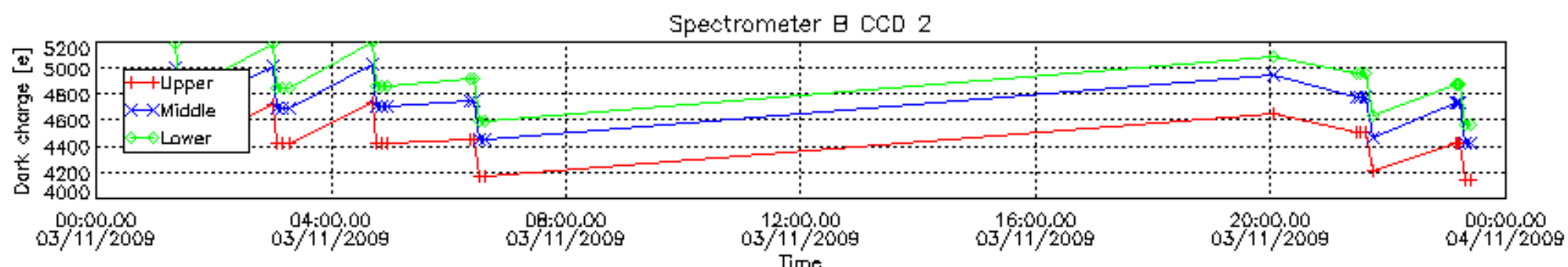
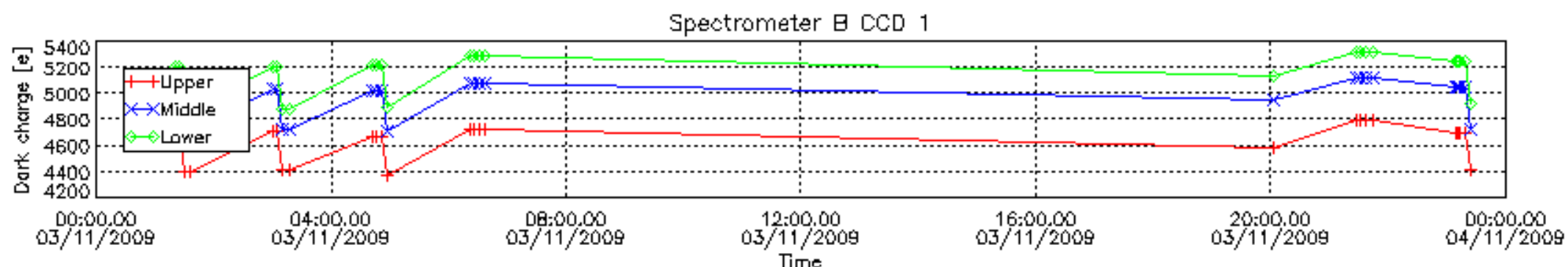
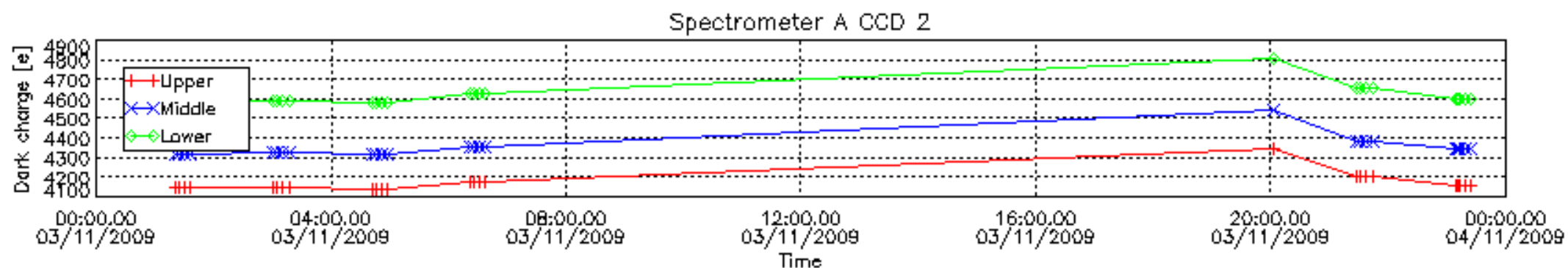
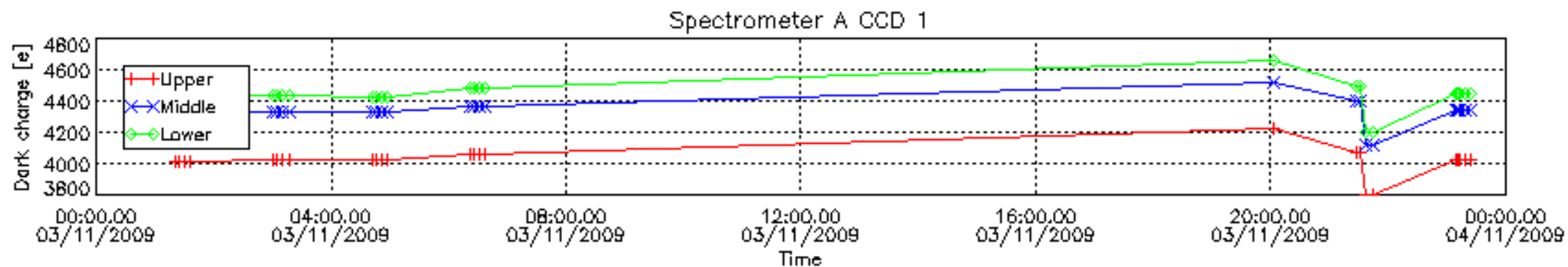
8. Auxiliary Data Files used for the production reported in section 2.4

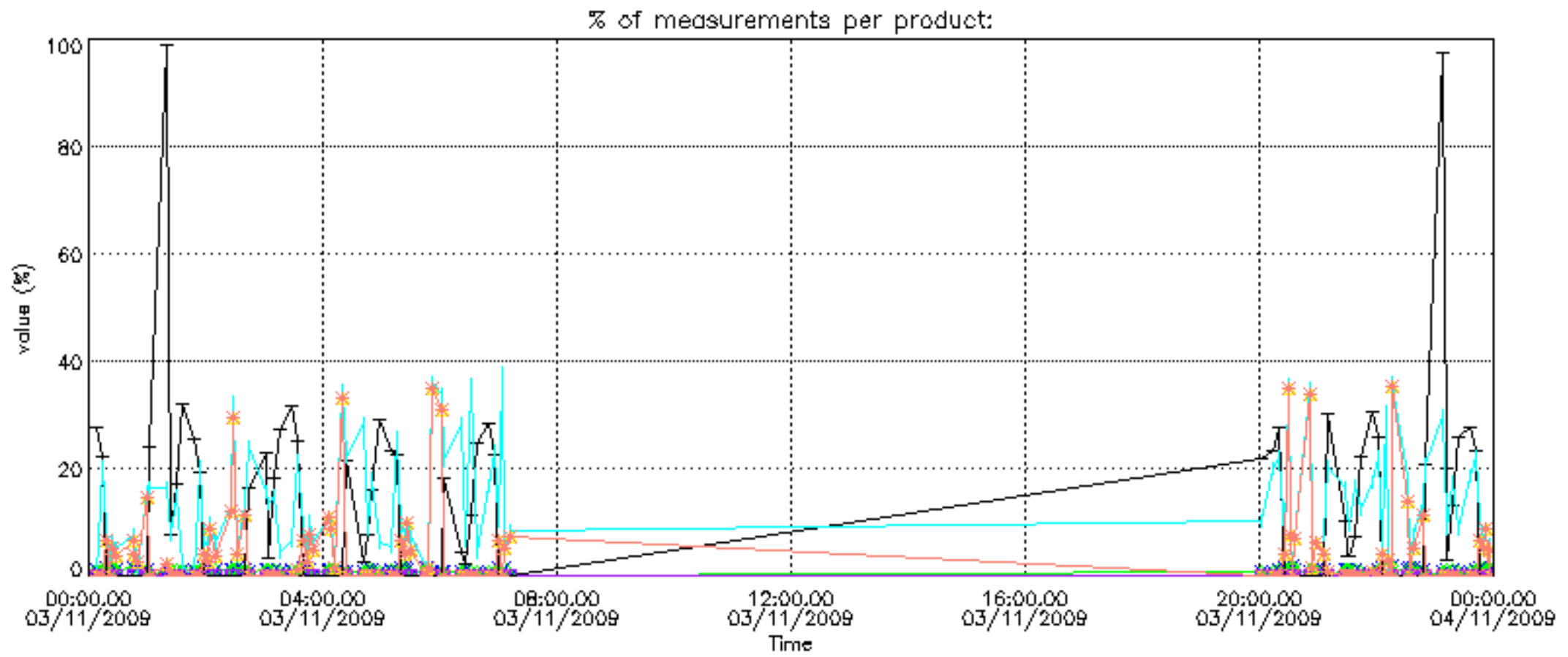
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	03-NOV-2009 00:07:14
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20091029_082046_20091027_000000_20100101_000000	1	03-NOV-2009 00:07:14
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	03-NOV-2009 00:07:14
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	03-NOV-2009 00:07:14
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	03-NOV-2009 00:07:14
ECMWF_FILE	AUX_ECF_AXNECM20091102_064112_20091102_210000_20091103_090000	1	03-NOV-2009 00:07:14
ECMWF_FILE	AUX_ECF_AXNECM20091102_182111_20091103_030000_20091103_150000	37	03-NOV-2009 04:06:22
ECMWF_FILE	AUX_ECA_AXNECM20091103_062111_20091102_210000_20091103_090000	52	03-NOV-2009 05:46:58
ECMWF_FILE	AUX_ECF_AXNECM20091103_064111_20091103_150000_20091104_030000	67	03-NOV-2009 20:02:59
ECMWF_FILE	AUX_ECF_AXNECM20091103_064112_20091103_210000_20091104_090000	80	03-NOV-2009 21:28:05
OPTIONAL_ECMWF_FILE	MISSING	1	03-NOV-2009 00:07:14
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20091102_010111_20091101_190950_20091111_203603	1	03-NOV-2009 00:07:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091103_010810_000041442084_00002_40136_9091.N1	12	03-NOV-2009 01:20:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091103_022233_000054192084_00003_40137_9092.N1	22	03-NOV-2009 02:25:46
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091103_035811_000057382084_00004_40138_9093.N1	37	03-NOV-2009 04:06:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091103_053908_000060572084_00005_40139_9094.N1	52	03-NOV-2009 05:46:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091103_195952_000041442084_00014_40148_9095.N1	67	03-NOV-2009 20:02:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091103_210856_000060572084_00014_40148_9096.N1	80	03-NOV-2009 21:28:05
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20091103_130113_20091103_112412_20091112_182350	97	03-NOV-2009 23:08:41

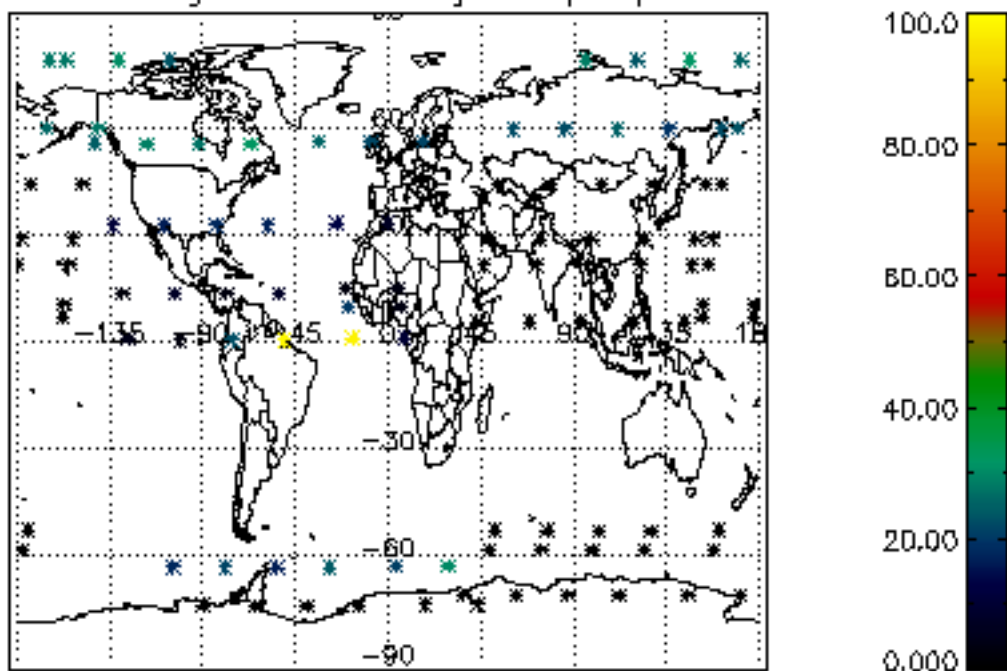




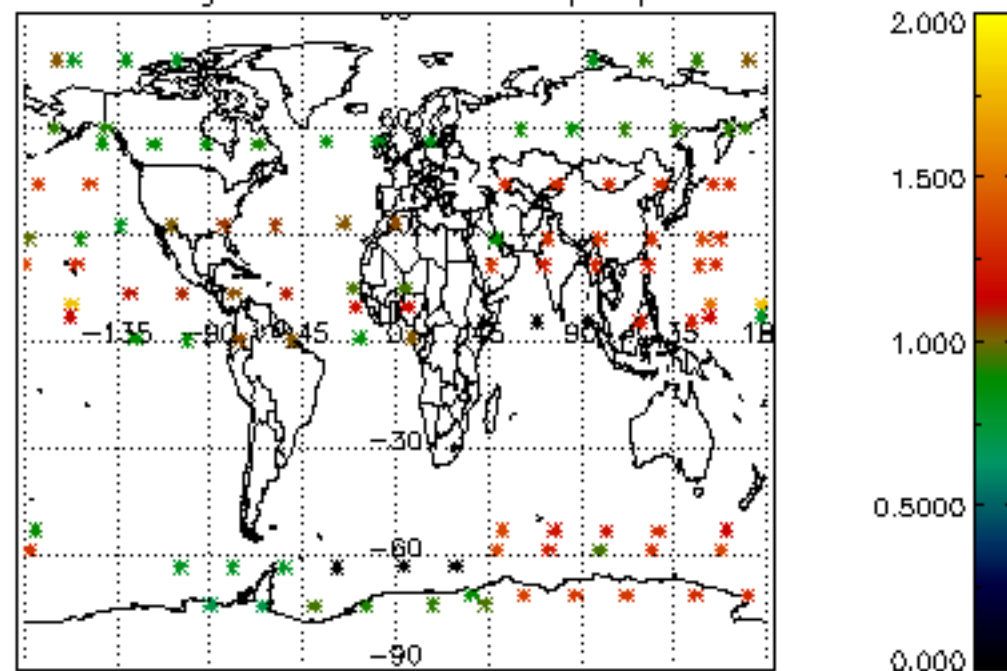




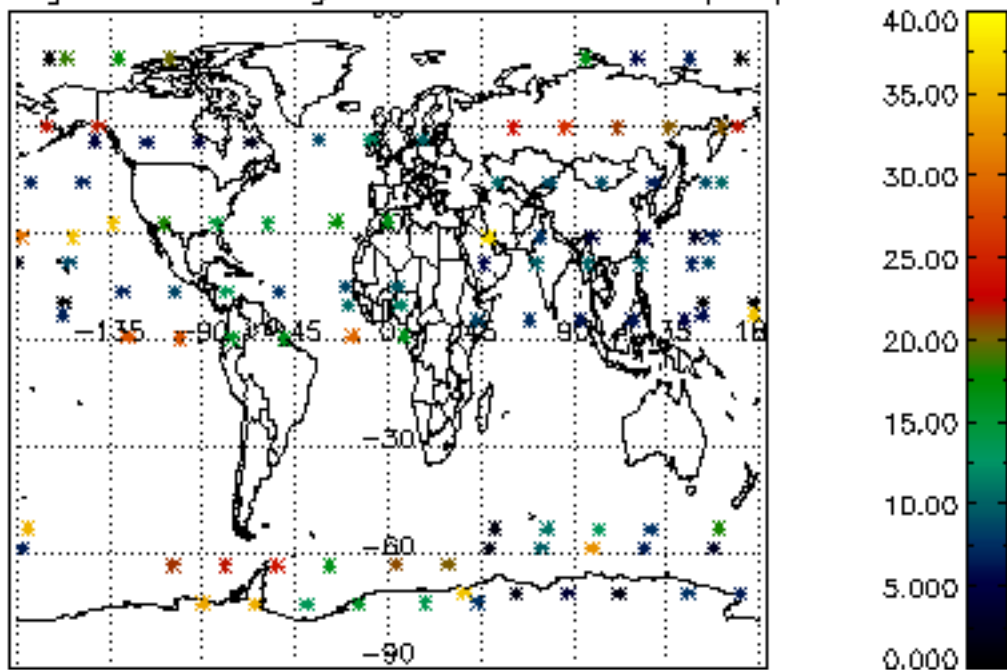
Percentage of cosmic ray hits per profile



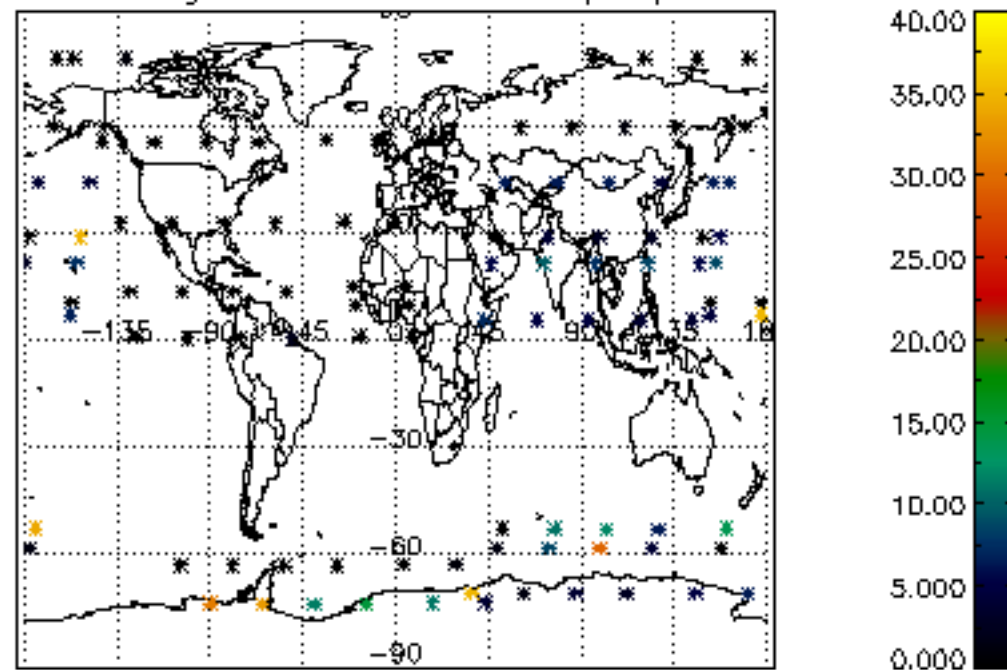
Percentage of datation errors per profile



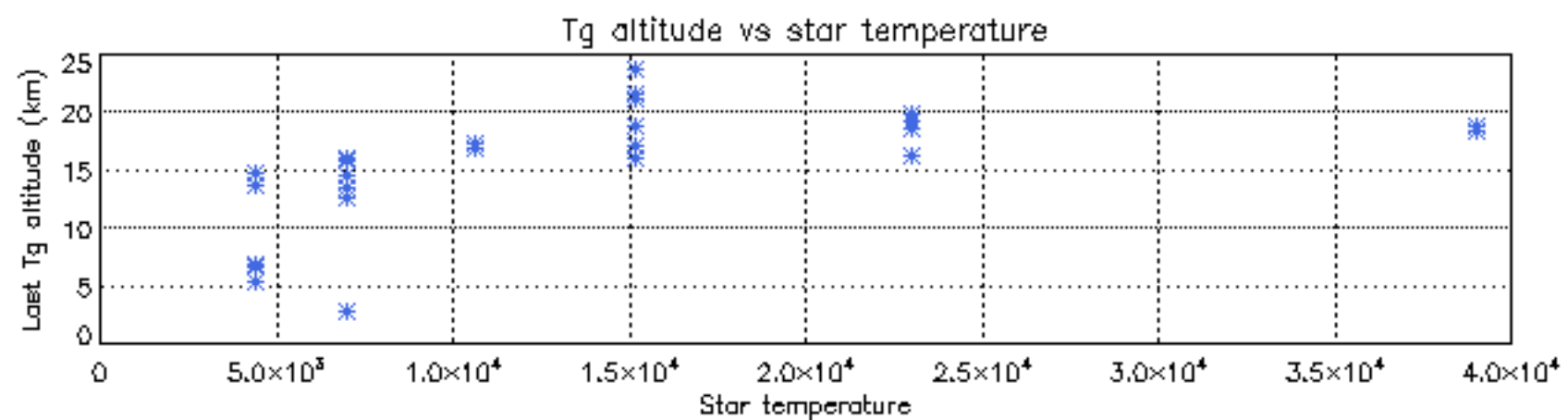
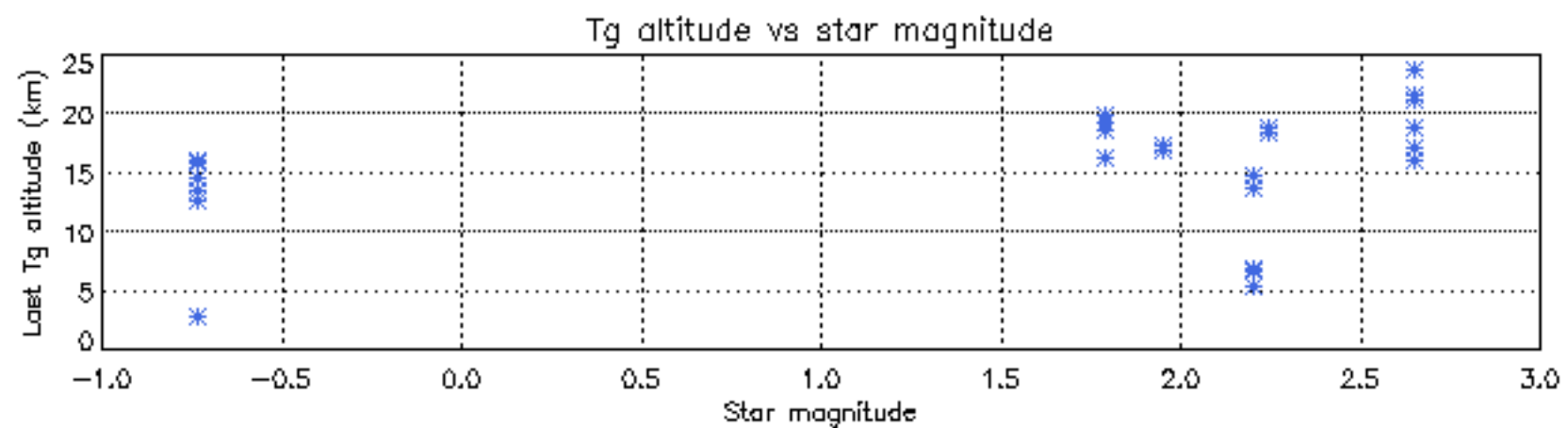
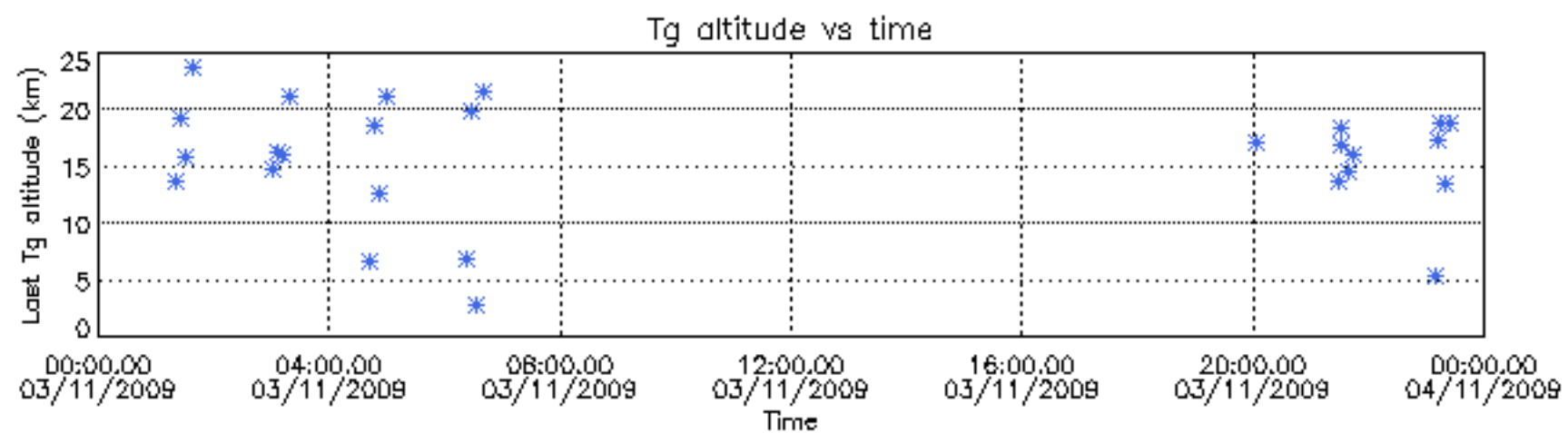
Percentage of star falling outside central band per profile



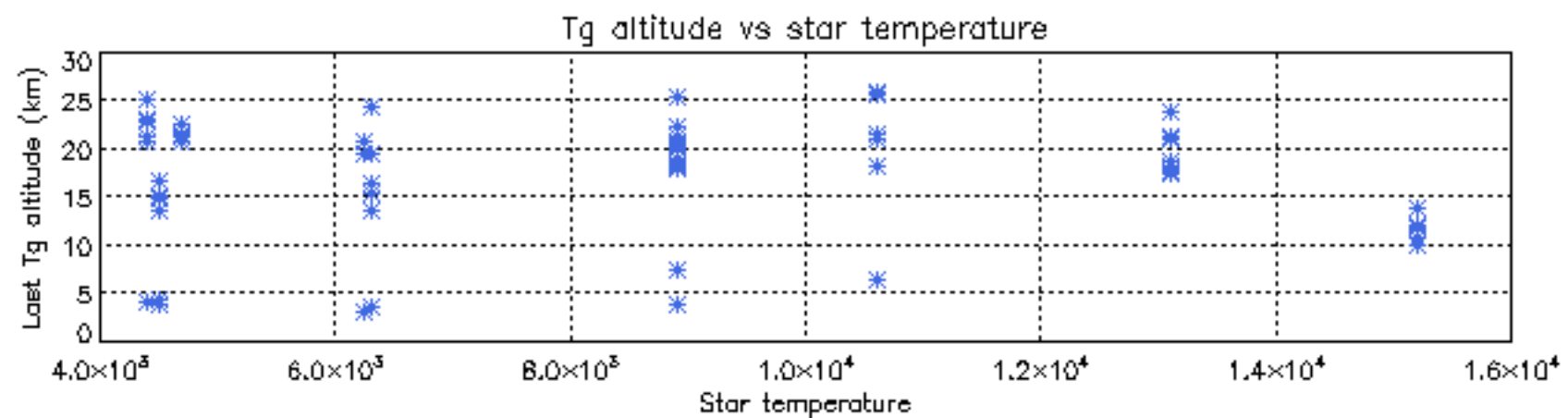
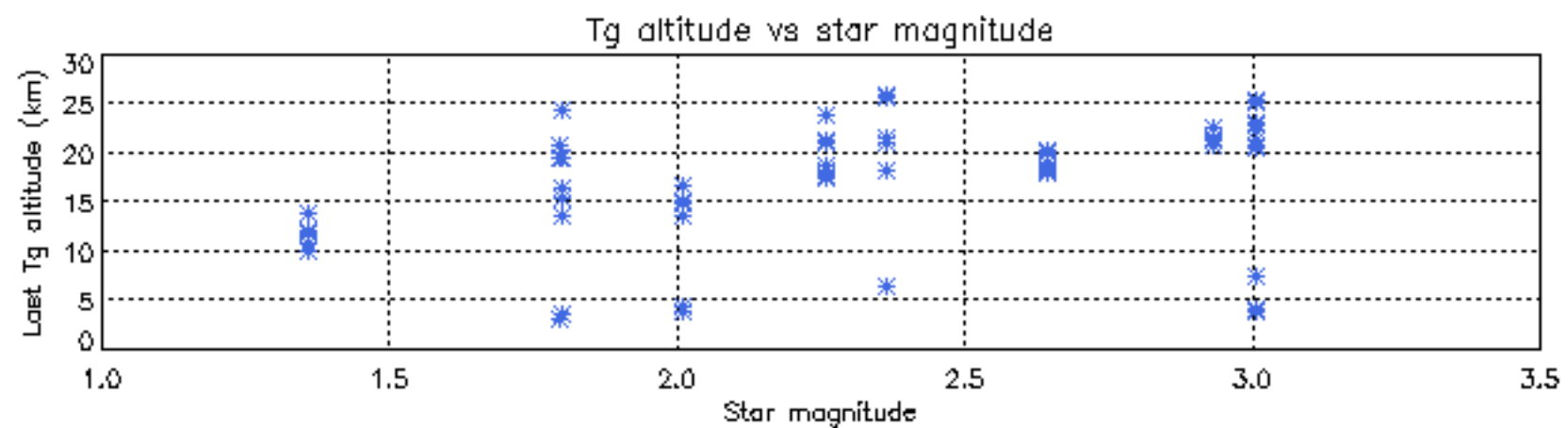
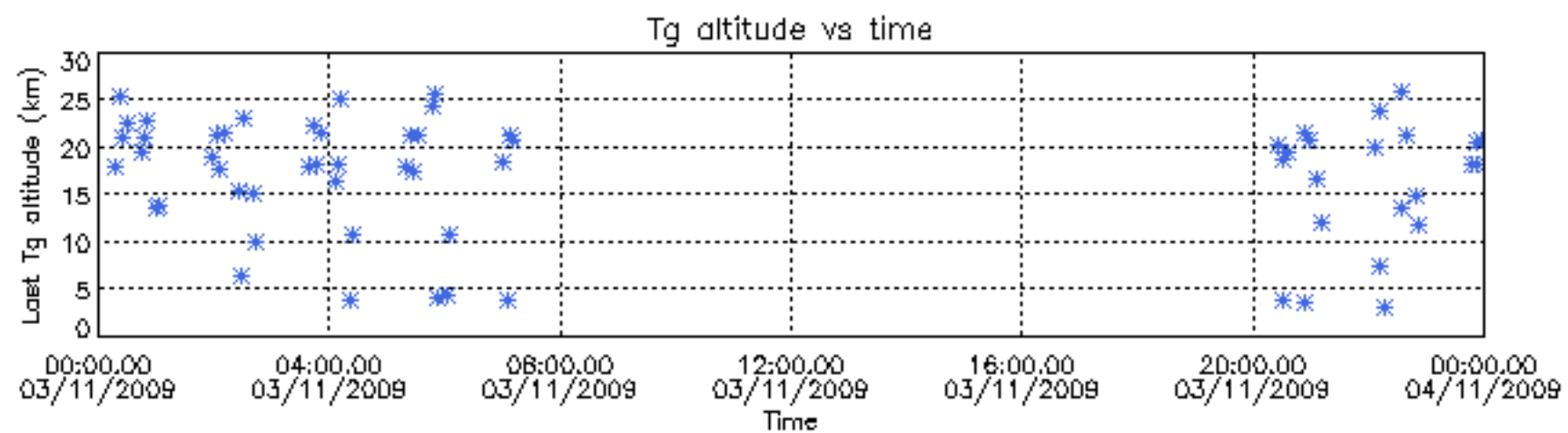
Percentage of saturation errors per profile

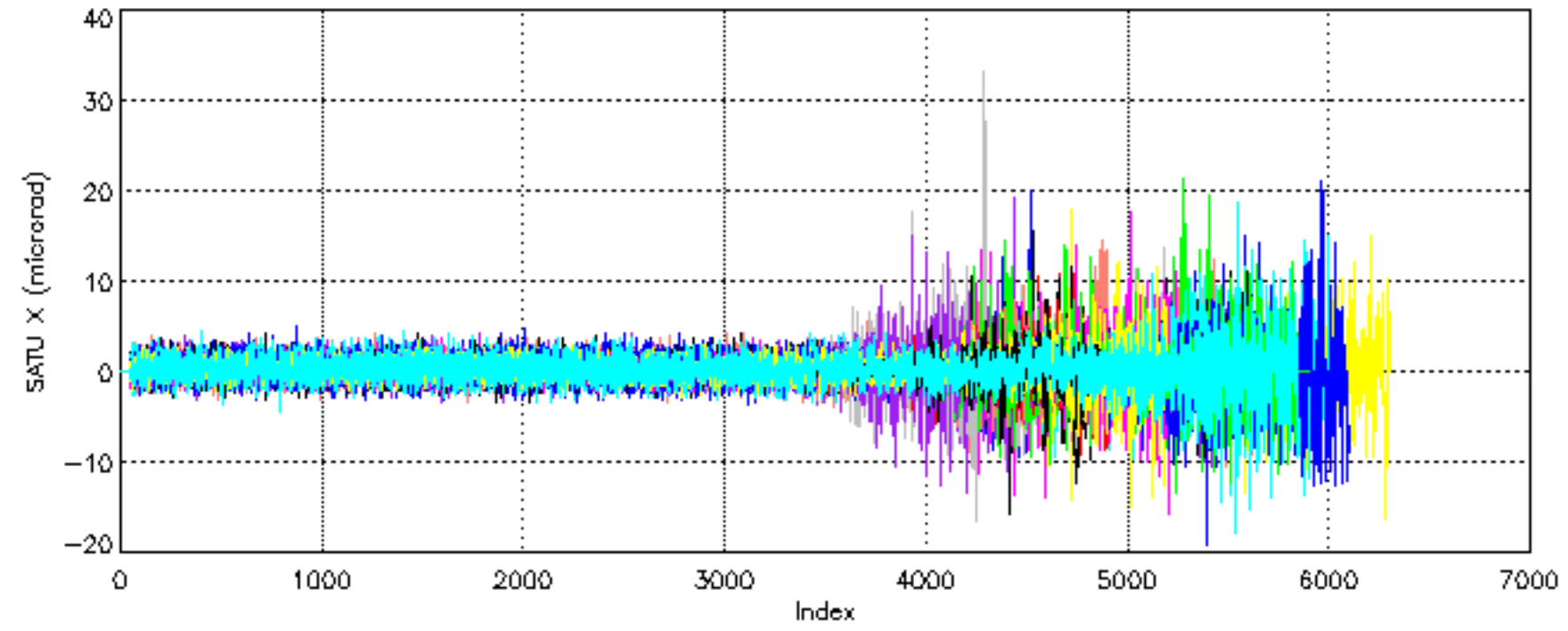


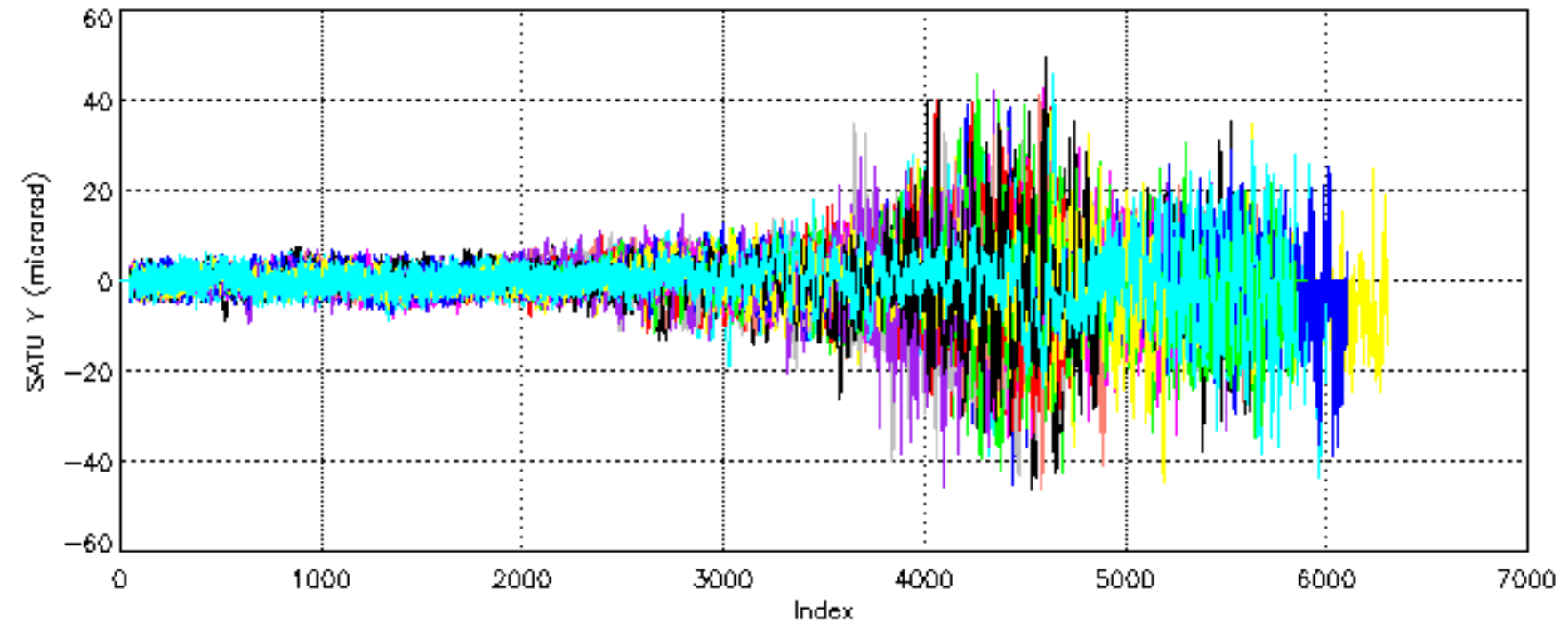
Tangent altitude at which the star is lost

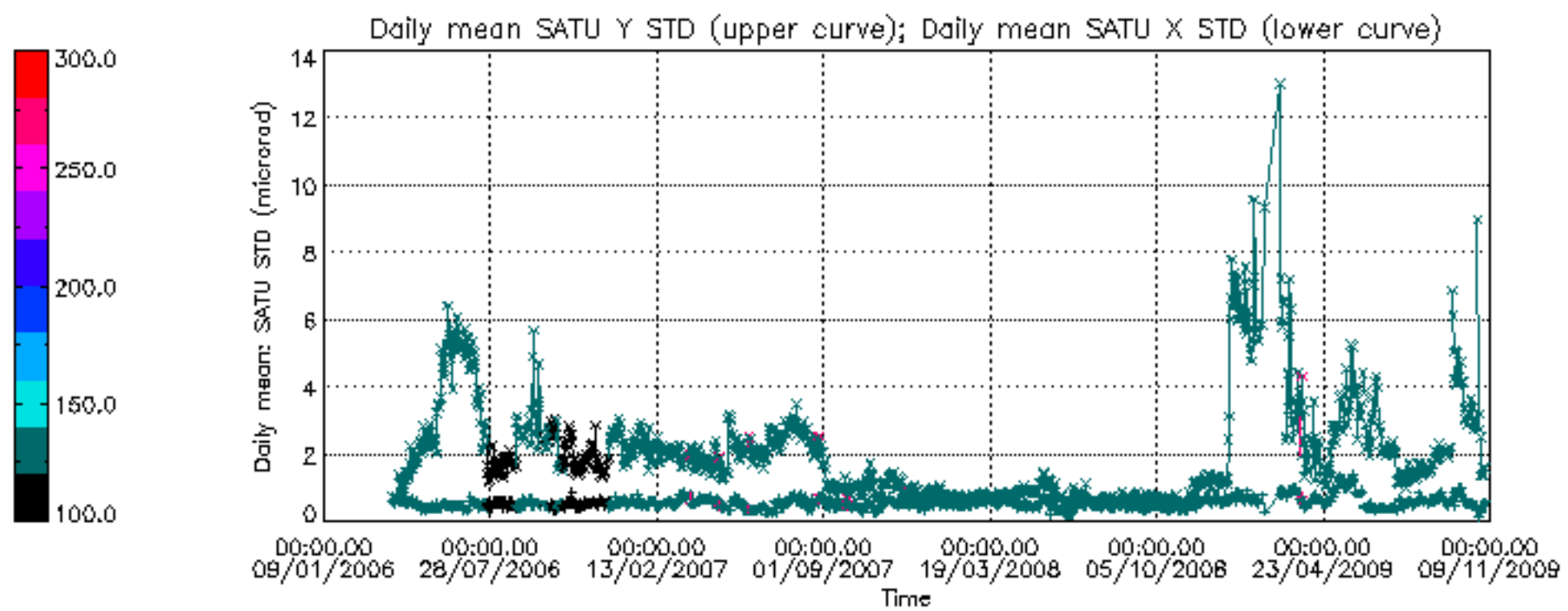


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20091101_003421_000055302083_00474_40107_8843.N1

1; -534.0; 01-NOV-2009 00:34:21; Dark ; 68.5; 48; 30Alp Hya ; 1.98; 4100;occ; 137; 0;40107
 2; -19.6; 01-NOV-2009 00:42:55; Dark ; 49.0; 65; Lam Vel ; 2.20; 4400;occ; 98; 0;40107
 3; 197.6; 01-NOV-2009 00:46:32; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;40108
 4; 348.1; 01-NOV-2009 00:49:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40108
 5; 524.1; 01-NOV-2009 00:51:59; Dark ; 51.0; 2; Alp Car ;-0.74; 7000;occ; 102; 0;40108
 6; 908.8; 01-NOV-2009 00:58:23; Dark ; 29.0; 108; Alp Col ; 2.65; 15200;occ; 58; 0;40108
 7; 2010.3; 01-NOV-2009 01:16:45; Dark ; 58.0; 94; 92Alp Cet ; 2.53; 3100;occ; 116; 0;40108
 8; 2273.3; 01-NOV-2009 01:21:08; Bright; 40.0; 105; 6Bet Ari ; 2.64; 8900;occ; 80; 0;40108
 9; 2538.3; 01-NOV-2009 01:25:33; Bright; 39.5; 173; 4Bet Tri ; 3.00; 8900;occ; 79; 0;40108
 10; 2660.8; 01-NOV-2009 01:27:35; Bright; 41.5; 73; 57Gam1And ; 2.26; 13100;occ; 83; 0;40108
 11; 2742.1; 01-NOV-2009 01:28:57; Bright; 46.0; 79; 26Bet Per ; 2.31; 13100;occ; 92; 0;40108
 12; 2934.3; 01-NOV-2009 01:32:09; Bright; 42.0; 160; 23Gam Per ; 2.93; 4700;occ; 84; 0;40108
 13; 3911.9; 01-NOV-2009 01:48:27; Bright; 38.5; 36; 50Alp UMa ; 1.80; 6300;occ; 77; 0;40108
 14; 4008.4; 01-NOV-2009 01:50:03; Bright; 38.0; 82; 48Bet UMa ; 2.37; 10600;occ; 76; 0;40108
 15; 4229.5; 01-NOV-2009 01:53:44; Bright; 38.5; 174; 52Psi UMa ; 3.00; 4400;occ; 77; 0;40108
 16; 4709.7; 01-NOV-2009 02:01:44; Bright; 46.0; 166; 17Eps Leo ; 2.98; 6000;occ; 92; 0;40108
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 11; 2741.6; 01-NOV-2009 03:09:32; Bright; 44.5; 79; 26Bet Per ; 2.31; 13100;occ; 89; 0;40109
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6; 2928.5; 01-NOV-2009 21:39:14; Bright; 41.5; 160; 23Gam Per ; 2.93; 4700;occ; 83; 0;40120
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13; 4971.1; 04-NOV-2009 10:34:50; Dark ; 63.5; 22; 32Alp Leo ; 1.36; 15200;occ; 127; 0;40156
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16; 6294.8; 04-NOV-2009 10:56:54; Dark ; 53.5; 70; Zet Pup ; 2.25; 39000;occ; 107; 0;40156
17; 6429.9; 04-NOV-2009 10:59:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40156
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 3; 2266.8; 04-NOV-2009 11:30:22; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 0;40157
 4; 2525.8; 04-NOV-2009 11:34:41; Bright; 37.5; 173; 4Bet Tri ; 3.00; 8900;occ; 75; 0;40157
 5; 2648.4; 04-NOV-2009 11:36:43; Bright; 55.0; 73; 57Gam1And ; 2.26; 13100;occ; 110; 0;40157
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 8; 3906.9; 04-NOV-2009 11:57:42; Bright; 40.5; 36; 50Alp UMA ; 1.80; 6300;occ; 81; 0;40157

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 17; 6430.9; 04-NOV-2009 12:39:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40157
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 4; 2525.4; 04-NOV-2009 13:15:16; Bright; 38.0; 173; 4Bet Tri ; 3.00; 8900;occ; 76; 0;40158
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 6; 2828.3; 04-NOV-2009 13:20:19; Bright; 50.5; 149; 45Eps Per ; 2.89; 30000;occ; 101; 0;40158
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 10; 4229.8; 04-NOV-2009 13:43:41; Bright; 38.5; 174; 52Psi UMA ; 3.00; 4400;occ; 77; 0;40158
 11; 4686.8; 04-NOV-2009 13:51:18; Bright; 38.5; 96; 68Del Leo ; 2.56; 9300;occ; 77; 0;40158
 12; 4770.1; 04-NOV-2009 13:52:41; Bright; 57.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 115; 0;40158
 13; 4972.4; 04-NOV-2009 13:56:03; Dark ; 61.5; 22; 32Alp Leo ; 1.36; 15200;occ; 123; 0;40158
 14; 6061.7; 04-NOV-2009 14:14:13; Dark ; 52.0; 65; Lam Vel ; 2.20; 4400;occ; 104; 0;40158
 15; 6206.6; 04-NOV-2009 14:16:37; Dark ; 50.5; 46; Del Vel ; 1.95; 10600;occ; 101; 0;40158
 16; 6297.2; 04-NOV-2009 14:18:08; Dark ; 53.0; 70; Zet Pup ; 2.25; 39000;occ; 106; 0;40158
 17; 6431.8; 04-NOV-2009 14:20:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40158
 18; 6599.5; 04-NOV-2009 14:23:10; Dark ; 46.5; 2; Alp Car ; -0.74; 7000;occ; 93; 0;40158
 19; 6993.3; 04-NOV-2009 14:29:44; Dark ; 61.0; 108; Alp Col ; 2.65; 15200;occ; 122; 0;40158

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 5; 2648.0; 04-NOV-2009 14:57:55; Bright; 40.5; 73; 57Gam1And ; 2.26; 13100;occ; 81; 0;40159
 6; 2827.4; 04-NOV-2009 15:00:54; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;40159
 7; 2910.4; 04-NOV-2009 15:02:17; Bright; 41.0; 160; 23Gam Per ; 2.93; 4700;occ; 82; 0;40159
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 14; 6062.8; 04-NOV-2009 15:54:50; Dark ; 54.0; 65; Lam Vel ; 2.20; 4400;occ; 108; 0;40159
 15; 6207.4; 04-NOV-2009 15:57:14; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;40159
 16; 6298.5; 04-NOV-2009 15:58:45; Dark ; 52.0; 70; Zet Pup ; 2.25; 39000;occ; 104; 0;40159
 17; 6432.8; 04-NOV-2009 16:01:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40159
 18; 6600.4; 04-NOV-2009 16:03:47; Dark ; 55.0; 2; Alp Car ; -0.74; 7000;occ; 110; 0;40159
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 4; 2525.0; 04-NOV-2009 16:36:28; Bright; 56.0; 173; 4Bet Tri ; 3.00; 8900;occ; 112; 0;40160
 5; 2647.9; 04-NOV-2009 16:38:31; Bright; 40.0; 73; 57Gam1And ; 2.26; 13100;occ; 80; 0;40160
 6; 2826.4; 04-NOV-2009 16:41:29; Bright; 49.5; 149; 45Eps Per ; 2.89; 30000;occ; 99; 0;40160
 7; 3906.8; 04-NOV-2009 16:59:30; Bright; 42.0; 36; 50Alp UMa ; 1.80; 6300;occ; 84; 0;40160
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 9; 4229.8; 04-NOV-2009 17:04:53; Bright; 39.0; 174; 52Psi UMA ; 3.00; 4400;occ; 78; 0;40160
 10; 4687.4; 04-NOV-2009 17:12:30; Bright; 39.0; 96; 68Del Leo ; 2.56; 9300;occ; 78; 0;40160
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 12; 4974.2; 04-NOV-2009 17:17:17; Dark ; 75.5; 22; 32Alp Leo ; 1.36; 15200;occ; 151; 0;40160
 13; 6063.8; 04-NOV-2009 17:35:27; Dark ; 53.5; 65; Lam Vel ; 2.20; 4400;occ; 107; 0;40160
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 15; 6299.7; 04-NOV-2009 17:39:22; Dark ; 52.0; 70; Zet Pup ; 2.25; 39000;occ; 104; 0;40160
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3; 2266.5; 04-NOV-2009 18:12:45; Bright; 37.5; 105; 6Bet Ari ; 2.64; 8900;occ; 75; 0;40161
4; 2524.7; 04-NOV-2009 18:17:03; Bright; 38.0; 173; 4Bet Tri ; 3.00; 8900;occ; 76; 0;40161
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16; 6434.7; 04-NOV-2009 19:22:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40161
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4; 2266.6; 04-NOV-2009 19:53:21; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;40162
5; 2524.4; 04-NOV-2009 19:57:39; Bright; 38.5; 173; 4Bet Tri ; 3.00; 8900;occ; 77; 0;40162
6; 2647.4; 04-NOV-2009 19:59:42; Bright; 39.5; 73; 57Gam1And ; 2.26; 13100;occ; 79; 0;40162
7; 2824.6; 04-NOV-2009 20:02:39; Bright; 64.0; 149; 45Eps Per ; 2.89; 30000;occ; 128; 0;40162
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11; 4688.0; 04-NOV-2009 20:33:43; Bright; 41.0; 96; 68Del Leo ; 2.56; 9300;occ; 82; 0;40162
12; 4771.9; 04-NOV-2009 20:35:07; Bright; 73.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 146; 0;40162
13; 4975.4; 04-NOV-2009 20:38:30; Dark ; 64.0; 22; 32Alp Leo ; 1.36; 15200;occ; 128; 0;40162
14; 6065.4; 04-NOV-2009 20:56:40; Dark ; 56.5; 65; Lam Vel ; 2.20; 4400;occ; 113; 0;40162
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3; 268.5; 05-NOV-2009 00:21:51; Dark ; 53.5; 70; Zet Pup ; 2.25; 39000;occ; 107; 0;40165
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14; 4003.3; 05-NOV-2009 01:24:06; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;40165
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3; 269.9; 05-NOV-2009 02:02:28; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 0;40166
4; 402.4; 05-NOV-2009 02:04:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40166
5; 568.6; 05-NOV-2009 02:07:27; Dark ; 50.0; 2; Alp Car ; -0.74; 7000;occ; 100; 0;40166
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9; 2266.1; 05-NOV-2009 02:35:44; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;40166

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 7; 3905.1; 05-NOV-2009 16:27:51; Bright; 40.0; 36; 50Alp UMa ; 1.80; 6300;occ; 80; 0;40174
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