

GOMOS Daily Report 26-MAY-2011

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	29MAY2011 07:04:12
Data source version	GOMOS/5.01
Start time of products	26MAY2011 00:00:41
Stop time of products	26MAY2011 21:05:07
Store outputs in DB	Yes
Nb of level 1b prods	220
Nb of prods with errors	3

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

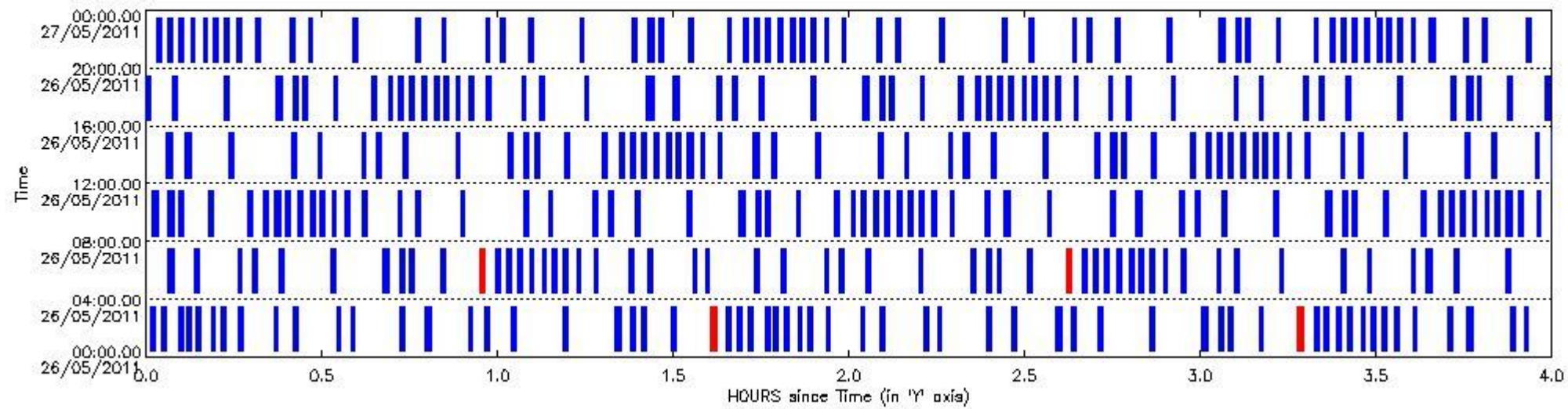
2.1 Level 0 products arrived in PCF (see template [here](#))

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
26-MAY-2011 01:36:23	BetAra	141	48293
26-MAY-2011 03:16:38	BetAra	141	48294
26-MAY-2011 04:56:52	BetAra	141	48295
26-MAY-2011 06:37:07	BetAra	141	48296

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_1PNPDE20110526_000041_000000483103_00002_48292_8772.N1	26-MAY-2011 00:00:41	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	48292	No
2	GOM_TRA_1PNPDE20110526_000237_000000483103_00002_48292_8773.N1	26-MAY-2011 00:02:37	Twilight_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	48292	No
3	GOM_TRA_1PNPDE20110526_000523_000000593103_00002_48292_8774.N1	26-MAY-2011 00:05:23	Bright	59.000	16	21Alp Sco	1.0200	3000.0	118	48292	No
4	GOM_TRA_1PNPDE20110526_000655_000000423103_00002_48292_8775.N1	26-MAY-2011 00:06:55	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48292	No
5	GOM_TRA_1PNPDE20110526_000833_000000503103_00002_48292_8776.N1	26-MAY-2011 00:08:33	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	48292	No
6	GOM_TRA_1PNPDE20110526_001108_000000373103_00002_48292_8777.N1	26-MAY-2011 00:11:08	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	48292	No
7	GOM_TRA_1PNPDE20110526_001246_000000433103_00002_48292_8778.N1	26-MAY-2011 00:12:46	Bright	42.500	120	1Del Oph	2.7340	3200.0	85	48292	No

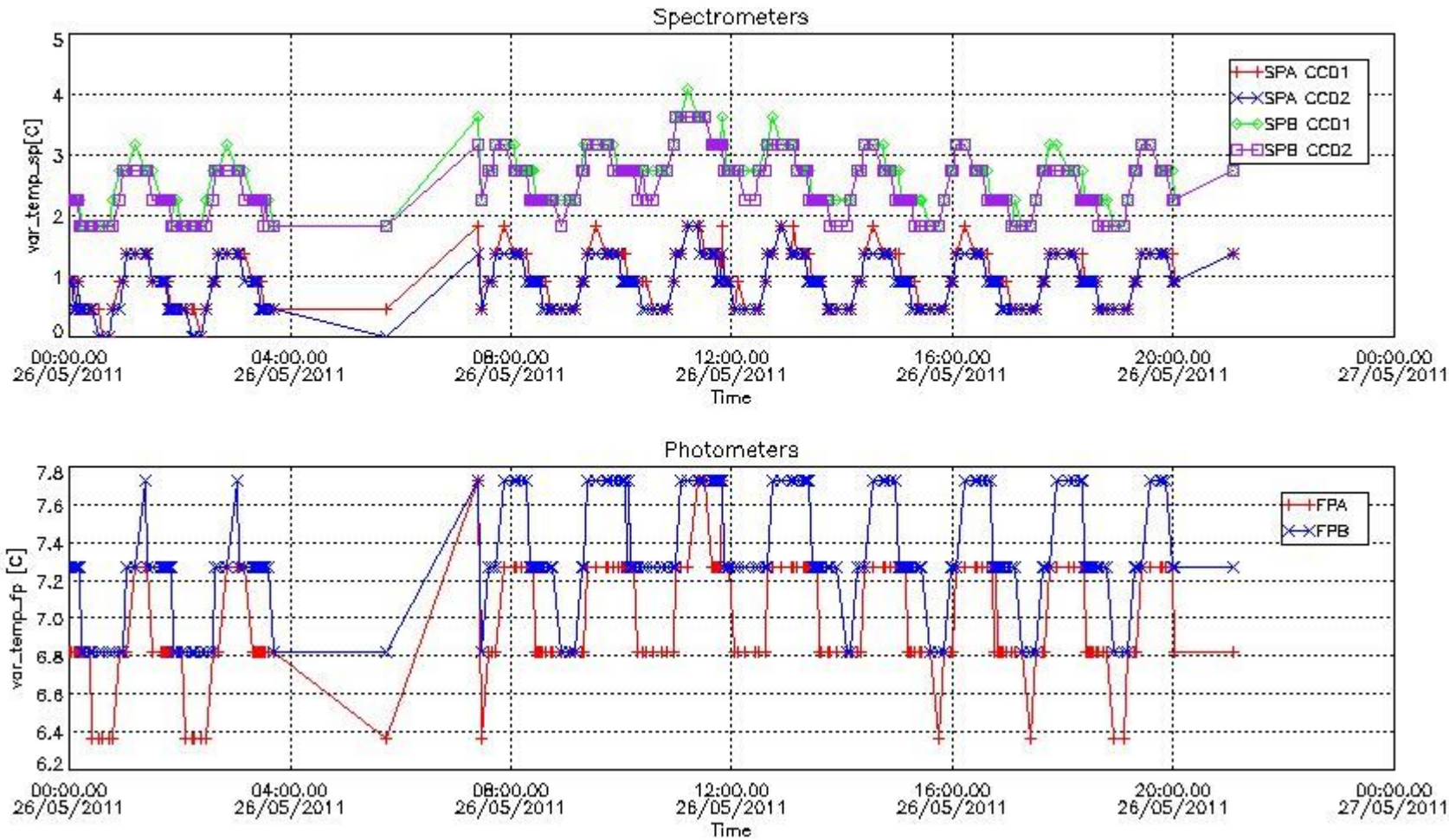
8	GOM_TRA_1PNPDE20110526_001548_000000383103_00002_48292_8779.N1	26-MAY-2011 00:15:48	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48292	No
9	GOM_TRA_1PNPDE20110526_002149_000000403103_00002_48292_8780.N1	26-MAY-2011 00:21:49	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	48292	No
10	GOM_TRA_1PNPDE20110526_002458_000000493103_00002_48292_8781.N1	26-MAY-2011 00:24:58	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	48292	No
11	GOM_TRA_1PNPDE20110526_003234_000000373103_00002_48292_8782.N1	26-MAY-2011 00:32:34	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	48292	No
12	GOM_TRA_1PNPDE20110526_003454_000000383103_00002_48292_8783.N1	26-MAY-2011 00:34:54	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	48292	No
13	GOM_TRA_1PNPDE20110526_004313_000000453103_00002_48292_8784.N1	26-MAY-2011 00:43:13	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48292	No
14	GOM_TRA_1PNPDE20110526_004736_000000553103_00002_48292_8785.N1	26-MAY-2011 00:47:36	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48292	No
15	GOM_TRA_1PNPDE20110526_005506_000000393103_00002_48292_8786.N1	26-MAY-2011 00:55:06	Bright	39.000	53	43Bet And	2.0480	3300.0	78	48292	No
16	GOM_TRA_1PNPDE20110526_005739_000000513103_00002_48292_8787.N1	26-MAY-2011 00:57:39	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	48292	No
17	GOM_TRA_1PNPDE20110526_010215_000000473103_00002_48292_8788.N1	26-MAY-2011 01:02:15	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	48292	No
18	GOM_TRA_1PNPDE20110526_011106_000000483103_00002_48292_8849.N1	26-MAY-2011 01:11:06	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	48292	No
19	GOM_TRA_1PNPDE20110526_012244_000000523103_00003_48293_8850.N1	26-MAY-2011 01:22:44	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	48293	No
20	GOM_TRA_1PNPDE20110526_012429_000000443103_00003_48293_8851.N1	26-MAY-2011 01:24:29	Dark	44.000	31	Alp Gru	1.7340	15200.	88	48293	No
21	GOM_TRA_1PNPDE20110526_012944_000000433103_00003_48293_8852.N1	26-MAY-2011 01:29:44	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48293	No
22	GOM_TRA_1PNPDE20110526_013907_000000483103_00003_48293_8853.N1	26-MAY-2011 01:39:07	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48293	No
23	GOM_TRA_1PNPDE20110526_014056_000000513103_00003_48293_8854.N1	26-MAY-2011 01:40:56	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	48293	No
24	GOM_TRA_1PNPDE20110526_014252_000000463103_00003_48293_8855.N1	26-MAY-2011 01:42:52	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	48293	No
25	GOM_TRA_1PNPDE20110526_014537_000000553103_00003_48293_8856.N1	26-MAY-2011 01:45:37	Bright	55.000	16	21Alp Sco	1.0200	3000.0	110	48293	No
26	GOM_TRA_1PNPDE20110526_014709_000000433103_00003_48293_8857.N1	26-MAY-2011 01:47:09	Bright	42.500	80	7Del Sco	2.3160	30000.	85	48293	No
27	GOM_TRA_1PNPDE20110526_014847_000000513103_00003_48293_8858.N1	26-MAY-2011 01:48:47	Bright	51.000	86	35Eta Oph	2.4300	10200.	102	48293	No
28	GOM_TRA_1PNPDE20110526_015122_000000383103_00003_48293_8859.N1	26-MAY-2011 01:51:22	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	48293	No
29	GOM_TRA_1PNPDE20110526_015300_000000423103_00003_48293_8860.N1	26-MAY-2011 01:53:00	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	48293	No
30	GOM_TRA_1PNPDE20110526_015602_000000383103_00003_48293_8861.N1	26-MAY-2011 01:56:02	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	48293	No
31	GOM_TRA_1PNPDE20110526_020203_000000403103_00003_48293_8862.N1	26-MAY-2011 02:02:03	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48293	No
32	GOM_TRA_1PNPDE20110526_020511_000000493103_00003_48293_8863.N1	26-MAY-2011 02:05:11	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	48293	No
33	GOM_TRA_1PNPDE20110526_021247_000000403103_00003_48293_8864.N1	26-MAY-2011 02:12:47	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48293	No
34	GOM_TRA_1PNPDE20110526_021508_000000403103_00003_48293_8865.N1	26-MAY-2011 02:15:08	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	48293	No
35	GOM_TRA_1PNPDE20110526_022327_000000473103_00003_48293_8866.N1	26-MAY-2011 02:23:27	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48293	No
36	GOM_TRA_1PNPDE20110526_022750_000000373103_00003_48293_8867.N1	26-MAY-2011 02:27:50	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	48293	No
37	GOM_TRA_1PNPDE20110526_023520_000000553103_00003_48293_8868.N1	26-MAY-2011 02:35:20	Bright	55.000	53	43Bet And	2.0480	3300.0	110	48293	No
38	GOM_TRA_1PNPDE20110526_023753_000000503103_00003_48293_8869.N1	26-MAY-2011 02:37:53	Tw_i_and_stray	49.500	58	21Alp And	2.0730	11000.	99	48293	No
39	GOM_TRA_1PNPDE20110526_024229_000000473103_00003_48293_8870.N1	26-MAY-2011 02:42:29	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	48293	No
40	GOM_TRA_1PNPDE20110526_025121_000000483103_00003_48293_8871.N1	26-MAY-2011 02:51:21	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48293	No
41	GOM_TRA_1PNPDE20110526_030259_000000583103_00004_48294_8872.N1	26-MAY-2011 03:02:59	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	48294	No
42	GOM_TRA_1PNPDE20110526_030444_000000533103_00004_48294_8873.N1	26-MAY-2011 03:04:44	Dark	53.000	31	Alp Gru	1.7340	15200.	106	48294	No
43	GOM_TRA_1PNPDE20110526_030958_000000433103_00004_48294_8874.N1	26-MAY-2011 03:09:58	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48294	No
44	GOM_TRA_1PNPDE20110526_031921_000000503103_00004_48294_8875.N1	26-MAY-2011 03:19:21	Straylight	49.500	40	The Sco	1.8590	7100.0	99	48294	No
45	GOM_TRA_1PNPDE20110526_032110_000000503103_00004_48294_8876.N1	26-MAY-2011 03:21:10	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	48294	No
46	GOM_TRA_1PNPDE20110526_032306_000000523103_00004_48294_8877.N1	26-MAY-2011 03:23:06	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	48294	No
47	GOM_TRA_1PNPDE20110526_032513_000000463103_00004_48294_8878.N1	26-MAY-2011 03:25:13	Tw_i_and_stray	45.500	136	23Tau Sco	2.8220	30000.	91	48294	No
48	GOM_TRA_1PNPDE20110526_032723_000000433103_00004_48294_8879.N1	26-MAY-2011 03:27:23	Bright	43.000	80	7Del Sco	2.3160	30000.	86	48294	No
49	GOM_TRA_1PNPDE20110526_032901_000000513103_00004_48294_8880.N1	26-MAY-2011 03:29:01	Bright	51.000	86	35Eta Oph	2.4300	10200.	102	48294	No
50	GOM_TRA_1PNPDE20110526_033058_000000433103_00004_48294_8881.N1	26-MAY-2011 03:30:58	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48294	No
51	GOM_TRA_1PNPDE20110526_033314_000000433103_00004_48294_8882.N1	26-MAY-2011 03:33:14	Bright	42.500	120	1Del Oph	2.7340	3200.0	85	48294	No
52	GOM_TRA_1PNPDE20110526_033616_000000393103_00004_48294_8883.N1	26-MAY-2011 03:36:16	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	48294	No
53	GOM_TRA_1PNPDE20110526_034217_000000413103_00004_48294_8884.N1	26-MAY-2011 03:42:17	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	48294	No
54	GOM_TRA_1PNPDE20110526_054354_000000473103_00005_48295_8975.N1	26-MAY-2011 05:43:54	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48295	No
55	GOM_TRA_1PNPDK20110526_072407_000000483103_00006_48296_2631.N1	26-MAY-2011 07:24:07	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48296	Yes
56	GOM_TRA_1PNPDK20110526_072832_000000423103_00006_48296_2632.N1	26-MAY-2011 07:28:32	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	48296	No
57	GOM_TRA_1PNPDK20110526_073602_000000403103_00006_48296_2633.N1	26-MAY-2011 07:36:02	Bright	39.500	53	43Bet And	2.0480	3300.0	79	48296	No
58	GOM_TRA_1PNPDK20110526_073836_000000523103_00006_48296_2634.N1	26-MAY-2011 07:38:36	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	48296	No
59	GOM_TRA_1PNPDK20110526_074312_000000483103_00006_48296_2635.N1	26-MAY-2011 07:43:12	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	48296	No
60	GOM_TRA_1PNPDK20110526_075204_000000463103_00006_48296_2636.N1	26-MAY-2011 07:52:04	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48296	No
61	GOM_TRA_1PNPDK20110526_080344_000000613103_00007_48297_2637.N1	26-MAY-2011 08:03:44	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	48297	No
62	GOM_TRA_1PNPDK20110526_080529_000000463103_00007_48297_2638.N1	26-MAY-2011 08:05:29	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48297	No
63	GOM_TRA_1PNPDK20110526_081042_000000433103_00007_48297_2639.N1	26-MAY-2011 08:10:42	Dark	42.500	45	Alp Pav	1.9400	26000.	85	48297	No
64	GOM_TRA_1PNPDK20110526_081715_000000503103_00007_48297_2640.N1	26-MAY-2011 08:17:15	Straylight	49.500	141	Bet Ara	2.8400	4600.0	99	48297	No
65	GOM_TRA_1PNPDK20110526_082005_000000463103_00007_48297_2641.N1	26-MAY-2011 08:20:05	Straylight	46.000	40	The Sco	1.8590	7100.0	92	48297	No
66	GOM_TRA_1PNPDK20110526_082154_000000553103_00007_48297_2642.N1	26-MAY-2011 08:21:54	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	48297	No

67	GOM_TRA_1PNPDK20110526_082349_000000513103_00007_48297_2643.N1	26-MAY-2011 08:23:49	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	48297	No
68	GOM_TRA_1PNPDK20110526_082556_000000453103_00007_48297_2644.N1	26-MAY-2011 08:25:56	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	48297	No
69	GOM_TRA_1PNPDK20110526_082806_000000433103_00007_48297_2645.N1	26-MAY-2011 08:28:06	Bright	43.000	80	7Del Sco	2.3160	30000.	86	48297	No
70	GOM_TRA_1PNPDK20110526_082944_000000493103_00007_48297_2646.N1	26-MAY-2011 08:29:44	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	48297	No
71	GOM_TRA_1PNPDK20110526_083141_000000443103_00007_48297_2613.N1	26-MAY-2011 08:31:41	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48297	No
72	GOM_TRA_1PNPDK20110526_083356_000000423103_00007_48297_2614.N1	26-MAY-2011 08:33:56	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	48297	No
73	GOM_TRA_1PNPDK20110526_083658_000000393103_00007_48297_2615.N1	26-MAY-2011 08:36:58	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	48297	No
74	GOM_TRA_1PNPDK20110526_084258_000000403103_00007_48297_2616.N1	26-MAY-2011 08:42:58	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48297	No
75	GOM_TRA_1PNPDK20110526_084605_000000463103_00007_48297_2617.N1	26-MAY-2011 08:46:05	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48297	No
76	GOM_TRA_1PNPDK20110526_085342_000000393103_00007_48297_2618.N1	26-MAY-2011 08:53:42	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	48297	No
77	GOM_TRA_1PNPDK20110526_090421_000000473103_00007_48297_2619.N1	26-MAY-2011 09:04:21	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48297	No
78	GOM_TRA_1PNPDK20110526_090846_000000373103_00007_48297_2620.N1	26-MAY-2011 09:08:46	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	48297	No
79	GOM_TRA_1PNPDK20110526_091616_000000403103_00007_48297_2621.N1	26-MAY-2011 09:16:16	Bright	40.000	53	43Bet And	2.0480	3300.0	80	48297	No
80	GOM_TRA_1PNPDK20110526_091850_000000503103_00007_48297_2622.N1	26-MAY-2011 09:18:50	Twilight	49.500	58	21Alp And	2.0730	11000.	99	48297	No
81	GOM_TRA_1PNPDK20110526_092327_000000503103_00007_48297_2623.N1	26-MAY-2011 09:23:27	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48297	No
82	GOM_TRA_1PNPDK20110526_093219_000000493103_00007_48297_2624.N1	26-MAY-2011 09:32:19	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48297	No
83	GOM_TRA_1PNPDK20110526_094358_000000493103_00008_48298_2625.N1	26-MAY-2011 09:43:58	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	48298	No
84	GOM_TRA_1PNPDK20110526_094544_000000503103_00008_48298_2626.N1	26-MAY-2011 09:45:44	Dark	50.000	31	Alp Gru	1.7340	15200.	100	48298	No
85	GOM_TRA_1PNPDK20110526_095057_000000433103_00008_48298_2627.N1	26-MAY-2011 09:50:57	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48298	No
86	GOM_TRA_1PNPDK20110526_095729_000000513103_00008_48298_2628.N1	26-MAY-2011 09:57:29	Straylight	51.000	141	Bet Ara	2.8400	4600.0	102	48298	No
87	GOM_TRA_1PNPDK20110526_100019_000000463103_00008_48298_2629.N1	26-MAY-2011 10:00:19	Straylight	46.000	40	The Sco	1.8590	7100.0	92	48298	No
88	GOM_TRA_1PNPDK20110526_100208_000000513103_00008_48298_2630.N1	26-MAY-2011 10:02:08	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	48298	No
89	GOM_TRA_1PNPDK20110526_100403_000000513103_00008_48298_2631.N1	26-MAY-2011 10:04:03	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	48298	No
90	GOM_TRA_1PNPDK20110526_100610_000000433103_00008_48298_2632.N1	26-MAY-2011 10:06:10	Twilight	43.000	136	23Tau Sco	2.8220	30000.	86	48298	No
91	GOM_TRA_1PNPDK20110526_100820_000000413103_00008_48298_2633.N1	26-MAY-2011 10:08:20	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48298	No
92	GOM_TRA_1PNPDK20110526_100958_000000503103_00008_48298_2634.N1	26-MAY-2011 10:09:58	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	48298	No
93	GOM_TRA_1PNPDK20110526_101154_000000443103_00008_48298_2635.N1	26-MAY-2011 10:11:54	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48298	No
94	GOM_TRA_1PNPDK20110526_101410_000000423103_00008_48298_2691.N1	26-MAY-2011 10:14:10	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	48298	No
95	GOM_TRA_1PNPDK20110526_101711_000000393103_00008_48298_2692.N1	26-MAY-2011 10:17:11	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	48298	No
96	GOM_TRA_1PNPDK20110526_102312_000000573103_00008_48298_2693.N1	26-MAY-2011 10:23:12	Bright	57.000	67	5Alp CrB	2.2210	11000.	114	48298	No
97	GOM_TRA_1PNPDK20110526_102618_000000683103_00008_48298_2694.N1	26-MAY-2011 10:26:18	Bright	68.000	133	40Zet Her	2.8070	6000.0	136	48298	No
98	GOM_TRA_1PNPDK20110526_103356_000000403103_00008_48298_2695.N1	26-MAY-2011 10:33:56	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48298	No
99	GOM_TRA_1PNPDK20110526_104434_000000473103_00008_48298_2696.N1	26-MAY-2011 10:44:34	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48298	No
100	GOM_TRA_1PNPDK20110526_104900_000000553103_00008_48298_2697.N1	26-MAY-2011 10:49:00	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48298	No
101	GOM_TRA_1PNPDK20110526_105630_000000403103_00008_48298_2698.N1	26-MAY-2011 10:56:30	Bright	40.000	53	43Bet And	2.0480	3300.0	80	48298	No
102	GOM_TRA_1PNPDK20110526_105904_000000473103_00008_48298_2699.N1	26-MAY-2011 10:59:04	Twilight	47.000	58	21Alp And	2.0730	11000.	94	48298	No
103	GOM_TRA_1PNPDK20110526_110341_000000493103_00008_48298_2700.N1	26-MAY-2011 11:03:41	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48298	No
104	GOM_TRA_1PNPDK20110526_111233_000000473103_00008_48298_2701.N1	26-MAY-2011 11:12:33	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48298	No
105	GOM_TRA_1PNPDK20110526_112413_000000483103_00009_48299_2702.N1	26-MAY-2011 11:24:13	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	48299	No
106	GOM_TRA_1PNPDK20110526_112558_000000433103_00009_48299_2703.N1	26-MAY-2011 11:25:58	Dark	43.000	31	Alp Gru	1.7340	15200.	86	48299	No
107	GOM_TRA_1PNPDK20110526_113112_000000443103_00009_48299_2704.N1	26-MAY-2011 11:31:12	Dark	44.000	45	Alp Pav	1.9400	26000.	88	48299	No
108	GOM_TRA_1PNPDK20110526_113743_000000473103_00009_48299_2705.N1	26-MAY-2011 11:37:43	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	48299	No
109	GOM_TRA_1PNPDK20110526_114034_000000483103_00009_48299_2706.N1	26-MAY-2011 11:40:34	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48299	No
110	GOM_TRA_1PNPDK20110526_114223_000000503103_00009_48299_2707.N1	26-MAY-2011 11:42:23	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	48299	No
111	GOM_TRA_1PNPDK20110526_114418_000000483103_00009_48299_2708.N1	26-MAY-2011 11:44:18	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48299	No
112	GOM_TRA_1PNPDK20110526_114624_000000453103_00009_48299_2709.N1	26-MAY-2011 11:46:24	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	48299	No
113	GOM_TRA_1PNPDK20110526_114834_000000423103_00009_48299_2710.N1	26-MAY-2011 11:48:34	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48299	No
114	GOM_TRA_1PNPDK20110526_115012_000000503103_00009_48299_2730.N1	26-MAY-2011 11:50:12	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	48299	Yes
115	GOM_TRA_1PNPDK20110526_115208_000000643103_00009_48299_2731.N1	26-MAY-2011 11:52:08	Bright	64.000	98	13Zet Oph	2.5710	30000.	128	48299	No
116	GOM_TRA_1PNPDK20110526_115423_000000433103_00009_48299_2732.N1	26-MAY-2011 11:54:23	Bright	42.500	120	1Del Oph	2.7340	3200.0	85	48299	No
117	GOM_TRA_1PNPDK20110526_115725_000000393103_00009_48299_2733.N1	26-MAY-2011 11:57:25	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	48299	No
118	GOM_TRA_1PNPDK20110526_120326_000000573103_00009_48299_2734.N1	26-MAY-2011 12:03:26	Bright	57.000	67	5Alp CrB	2.2210	11000.	114	48299	No
119	GOM_TRA_1PNPDK20110526_120632_000000683103_00009_48299_2735.N1	26-MAY-2011 12:06:32	Bright	68.000	133	40Zet Her	2.8070	6000.0	136	48299	No
120	GOM_TRA_1PNPDK20110526_121409_000000383103_00009_48299_2736.N1	26-MAY-2011 12:14:09	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	48299	No
121	GOM_TRA_1PNPDK20110526_122447_000000473103_00009_48299_2737.N1	26-MAY-2011 12:24:47	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48299	No
122	GOM_TRA_1PNPDK20110526_122913_000000383103_00009_48299_2738.N1	26-MAY-2011 12:29:13	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	48299	No
123	GOM_TRA_1PNPDK20110526_123644_000000403103_00009_48299_2739.N1	26-MAY-2011 12:36:44	Bright	39.500	53	43Bet And	2.0480	3300.0	79	48299	No
124	GOM_TRA_1PNPDK20110526_123918_000000513103_00009_48299_2740.N1	26-MAY-2011 12:39:18	Twilight	51.000	58	21Alp And	2.0730	11000.	102	48299	No
125	GOM_TRA_1PNPDK20110526_124355_000000473103_00009_48299_2741.N1	26-MAY-2011 12:43:55	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	48299	No

126	GOM_TRA_1PNPDK20110526_125248_000000453103_00009_48299_2742.N1	26-MAY-2011 12:52:48	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	48299	No
127	GOM_TRA_1PNPDK20110526_130428_000000533103_00010_48300_2743.N1	26-MAY-2011 13:04:28	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	48300	No
128	GOM_TRA_1PNPDK20110526_130613_000000493103_00010_48300_2744.N1	26-MAY-2011 13:06:13	Dark	48.500	31	Alp Gru	1.7340	15200.	97	48300	No
129	GOM_TRA_1PNPDK20110526_131126_000000433103_00010_48300_2745.N1	26-MAY-2011 13:11:26	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48300	No
130	GOM_TRA_1PNPDK20110526_131758_000000413103_00010_48300_2746.N1	26-MAY-2011 13:17:58	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	48300	No
131	GOM_TRA_1PNPDK20110526_132048_000000503103_00010_48300_2747.N1	26-MAY-2011 13:20:48	Straylight	50.000	40	The Sco	1.8590	7100.0	100	48300	No
132	GOM_TRA_1PNPDK20110526_132237_000000473103_00010_48300_2748.N1	26-MAY-2011 13:22:37	Straylight	46.500	25	35Lam Sco	1.6200	28000.	93	48300	No
133	GOM_TRA_1PNPDK20110526_132432_000000493103_00010_48300_2749.N1	26-MAY-2011 13:24:32	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	48300	No
134	GOM_TRA_1PNPDK20110526_132638_000000443103_00010_48300_2750.N1	26-MAY-2011 13:26:38	Tw_i_and_stray	43.500	136	23Tau Sco	2.8220	30000.	87	48300	No
135	GOM_TRA_1PNPDK20110526_132848_000000443103_00010_48300_2751.N1	26-MAY-2011 13:28:48	Bright	43.500	80	7Del Sco	2.3160	30000.	87	48300	No
136	GOM_TRA_1PNPDK20110526_133026_000000503103_00010_48300_2787.N1	26-MAY-2011 13:30:26	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	48300	No
137	GOM_TRA_1PNPDK20110526_133222_000000583103_00010_48300_2788.N1	26-MAY-2011 13:32:22	Bright	58.000	98	13Zet Oph	2.5710	30000.	116	48300	No
138	GOM_TRA_1PNPDK20110526_133437_000000423103_00010_48300_2789.N1	26-MAY-2011 13:34:37	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	48300	No
139	GOM_TRA_1PNPDK20110526_133739_000000393103_00010_48300_2790.N1	26-MAY-2011 13:37:39	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	48300	No
140	GOM_TRA_1PNPDK20110526_134339_000000573103_00010_48300_2791.N1	26-MAY-2011 13:43:39	Bright	57.000	67	5Alp CrB	2.2210	11000.	114	48300	No
141	GOM_TRA_1PNPDK20110526_134645_000000463103_00010_48300_2792.N1	26-MAY-2011 13:46:45	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48300	No
142	GOM_TRA_1PNPDK20110526_135423_000000383103_00010_48300_2793.N1	26-MAY-2011 13:54:23	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	48300	No
143	GOM_TRA_1PNPDK20110526_140501_000000533103_00010_48300_2794.N1	26-MAY-2011 14:05:01	Bright	53.000	89	5Alp Cep	2.4510	8000.0	106	48300	No
144	GOM_TRA_1PNPDK20110526_140927_000000383103_00010_48300_2795.N1	26-MAY-2011 14:09:27	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	48300	No
145	GOM_TRA_1PNPDK20110526_141659_000000413103_00010_48300_2796.N1	26-MAY-2011 14:16:59	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48300	No
146	GOM_TRA_1PNPDK20110526_141933_000000523103_00010_48300_2797.N1	26-MAY-2011 14:19:33	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	48300	No
147	GOM_TRA_1PNPDK20110526_142410_000000503103_00010_48300_2798.N1	26-MAY-2011 14:24:10	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48300	No
148	GOM_TRA_1PNPDK20110526_143302_000000483103_00010_48300_2799.N1	26-MAY-2011 14:33:02	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	48300	No
149	GOM_TRA_1PNPDK20110526_144442_000000543103_00011_48301_2800.N1	26-MAY-2011 14:44:42	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	48301	No
150	GOM_TRA_1PNPDK20110526_144628_000000453103_00011_48301_2801.N1	26-MAY-2011 14:46:28	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48301	No
151	GOM_TRA_1PNPDK20110526_145141_000000453103_00011_48301_2802.N1	26-MAY-2011 14:51:41	Dark	44.500	45	Alp Pav	1.9400	26000.	89	48301	No
152	GOM_TRA_1PNPDK20110526_145812_000000473103_00011_48301_2803.N1	26-MAY-2011 14:58:12	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	48301	No
153	GOM_TRA_1PNPDK20110526_150102_000000493103_00011_48301_2804.N1	26-MAY-2011 15:01:02	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48301	No
154	GOM_TRA_1PNPDK20110526_150251_000000523103_00011_48301_2805.N1	26-MAY-2011 15:02:51	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	48301	No
155	GOM_TRA_1PNPDK20110526_150446_000000503103_00011_48301_2806.N1	26-MAY-2011 15:04:46	Tw_i_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	48301	No
156	GOM_TRA_1PNPDK20110526_150652_000000433103_00011_48301_2807.N1	26-MAY-2011 15:06:52	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	48301	No
157	GOM_TRA_1PNPDK20110526_150902_000000413103_00011_48301_2866.N1	26-MAY-2011 15:09:02	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48301	No
158	GOM_TRA_1PNPDK20110526_151040_000000503103_00011_48301_2867.N1	26-MAY-2011 15:10:40	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	48301	No
159	GOM_TRA_1PNPDK20110526_151236_000000443103_00011_48301_2868.N1	26-MAY-2011 15:12:36	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	48301	No
160	GOM_TRA_1PNPDK20110526_151451_000000423103_00011_48301_2869.N1	26-MAY-2011 15:14:51	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	48301	No
161	GOM_TRA_1PNPDK20110526_151753_000000393103_00011_48301_2870.N1	26-MAY-2011 15:17:53	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	48301	No
162	GOM_TRA_1PNPDK20110526_152353_000000393103_00011_48301_2871.N1	26-MAY-2011 15:23:53	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48301	No
163	GOM_TRA_1PNPDK20110526_152658_000000473103_00011_48301_2872.N1	26-MAY-2011 15:26:58	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	48301	No
164	GOM_TRA_1PNPDK20110526_153436_000000423103_00011_48301_2873.N1	26-MAY-2011 15:34:36	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	48301	No
165	GOM_TRA_1PNPDK20110526_154515_000000463103_00011_48301_2874.N1	26-MAY-2011 15:45:15	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48301	No
166	GOM_TRA_1PNPDK20110526_154942_000000553103_00011_48301_2875.N1	26-MAY-2011 15:49:42	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48301	No
167	GOM_TRA_1PNPDK20110526_155713_000000403103_00011_48301_2876.N1	26-MAY-2011 15:57:13	Bright	39.500	53	43Bet And	2.0480	3300.0	79	48301	No
168	GOM_TRA_1PNPDK20110526_155947_000000503103_00011_48301_2877.N1	26-MAY-2011 15:59:47	Tw_i_and_stray	50.000	58	21Alp And	2.0730	11000.	100	48301	No
169	GOM_TRA_1PNPDK20110526_160424_000000483103_00011_48301_2878.N1	26-MAY-2011 16:04:24	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48301	No
170	GOM_TRA_1PNPDK20110526_161317_000000453103_00011_48301_2879.N1	26-MAY-2011 16:13:17	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	48301	No
171	GOM_TRA_1PNPDK20110526_162457_000000603103_00012_48302_2880.N1	26-MAY-2011 16:24:57	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48302	No
172	GOM_TRA_1PNPDK20110526_162643_000000463103_00012_48302_2881.N1	26-MAY-2011 16:26:43	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48302	No
173	GOM_TRA_1PNPDK20110526_163156_000000443103_00012_48302_2882.N1	26-MAY-2011 16:31:56	Dark	43.500	45	Alp Pav	1.9400	26000.	87	48302	No
174	GOM_TRA_1PNPDK20110526_163827_000000453103_00012_48302_2883.N1	26-MAY-2011 16:38:27	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	48302	No
175	GOM_TRA_1PNPDK20110526_164117_000000483103_00012_48302_2884.N1	26-MAY-2011 16:41:17	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48302	No
176	GOM_TRA_1PNPDK20110526_164306_000000513103_00012_48302_2885.N1	26-MAY-2011 16:43:06	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	48302	No
177	GOM_TRA_1PNPDK20110526_164500_000000483103_00012_48302_2928.N1	26-MAY-2011 16:45:00	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	48302	No
178	GOM_TRA_1PNPDK20110526_164707_000000453103_00012_48302_2929.N1	26-MAY-2011 16:47:07	Tw_i_and_stray	44.500	136	23Tau Sco	2.8220	30000.	89	48302	No
179	GOM_TRA_1PNPDK20110526_164916_000000443103_00012_48302_2930.N1	26-MAY-2011 16:49:16	Bright	43.500	80	7Del Sco	2.3160	30000.	87	48302	No
180	GOM_TRA_1PNPDK20110526_165054_000000503103_00012_48302_2931.N1	26-MAY-2011 16:50:54	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	48302	No
181	GOM_TRA_1PNPDK20110526_165250_000000443103_00012_48302_2932.N1	26-MAY-2011 16:52:50	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48302	No
182	GOM_TRA_1PNPDK20110526_165505_000000423103_00012_48302_2933.N1	26-MAY-2011 16:55:05	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	48302	No
183	GOM_TRA_1PNPDK20110526_165807_000000393103_00012_48302_2934.N1	26-MAY-2011 16:58:07	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	48302	No
184	GOM_TRA_1PNPDK20110526_170407_000000413103_00012_48302_2935.N1	26-MAY-2011 17:04:07	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	48302	No

185	GOM_TRA_1PNPDK20110526_170711_000000483103_00012_48302_2936.N1	26-MAY-2011 17:07:11	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	48302	No
186	GOM_TRA_1PNPDK20110526_171450_000000403103_00012_48302_2937.N1	26-MAY-2011 17:14:50	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48302	No
187	GOM_TRA_1PNPDK20110526_172528_000000683103_00012_48302_2938.N1	26-MAY-2011 17:25:28	Bright	68.000	89	5Alp Cep	2.4510	8000.0	136	48302	No
188	GOM_TRA_1PNPDK20110526_172956_000000553103_00012_48302_2939.N1	26-MAY-2011 17:29:56	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48302	No
189	GOM_TRA_1PNPDK20110526_173727_000000533103_00012_48302_2940.N1	26-MAY-2011 17:37:27	Bright	53.000	53	43Bet And	2.0480	3300.0	106	48302	No
190	GOM_TRA_1PNPDK20110526_174001_000000503103_00012_48302_2941.N1	26-MAY-2011 17:40:01	Twilight	49.500	58	21Alp And	2.0730	11000.	99	48302	No
191	GOM_TRA_1PNPDK20110526_174439_000000483103_00012_48302_2942.N1	26-MAY-2011 17:44:39	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	48302	No
192	GOM_TRA_1PNPDK20110526_175331_000000483103_00012_48302_2943.N1	26-MAY-2011 17:53:31	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	48302	No
193	GOM_TRA_1PNPDK20110526_180512_000000583103_00013_48303_2944.N1	26-MAY-2011 18:05:12	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	48303	No
194	GOM_TRA_1PNPDK20110526_180658_000000453103_00013_48303_2945.N1	26-MAY-2011 18:06:58	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48303	No
195	GOM_TRA_1PNPDK20110526_181210_000000423103_00013_48303_2946.N1	26-MAY-2011 18:12:10	Dark	42.000	45	Alp Pav	1.9400	26000.	84	48303	No
196	GOM_TRA_1PNPDK20110526_181841_000000393103_00013_48303_2947.N1	26-MAY-2011 18:18:41	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	48303	No
197	GOM_TRA_1PNPDK20110526_182132_000000523103_00013_48303_2992.N1	26-MAY-2011 18:21:32	Straylight	52.000	40	The Sco	1.8590	7100.0	104	48303	No
198	GOM_TRA_1PNPDK20110526_182321_000000523103_00013_48303_2993.N1	26-MAY-2011 18:23:21	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	48303	No
199	GOM_TRA_1PNPDK20110526_182515_000000513103_00013_48303_2994.N1	26-MAY-2011 18:25:15	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	48303	No
200	GOM_TRA_1PNPDK20110526_182721_000000443103_00013_48303_2995.N1	26-MAY-2011 18:27:21	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	48303	No
201	GOM_TRA_1PNPDK20110526_182931_000000423103_00013_48303_2996.N1	26-MAY-2011 18:29:31	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48303	No
202	GOM_TRA_1PNPDK20110526_183108_000000503103_00013_48303_2997.N1	26-MAY-2011 18:31:08	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	48303	No
203	GOM_TRA_1PNPDK20110526_183304_000000453103_00013_48303_2998.N1	26-MAY-2011 18:33:04	Bright	44.500	98	13Zet Oph	2.5710	30000.	89	48303	No
204	GOM_TRA_1PNPDK20110526_183519_000000423103_00013_48303_2999.N1	26-MAY-2011 18:35:19	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	48303	No
205	GOM_TRA_1PNPDK20110526_183821_000000393103_00013_48303_3000.N1	26-MAY-2011 18:38:21	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	48303	No
206	GOM_TRA_1PNPDK20110526_184421_000000403103_00013_48303_3001.N1	26-MAY-2011 18:44:21	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48303	No
207	GOM_TRA_1PNPDK20110526_184725_000000493103_00013_48303_3002.N1	26-MAY-2011 18:47:25	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	48303	No
208	GOM_TRA_1PNPDK20110526_185504_000000423103_00013_48303_3003.N1	26-MAY-2011 18:55:04	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48303	No
209	GOM_TRA_1PNPDK20110526_190541_000000473103_00013_48303_3004.N1	26-MAY-2011 19:05:41	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48303	No
210	GOM_TRA_1PNPDK20110526_191009_000000353103_00013_48303_3005.N1	26-MAY-2011 19:10:09	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	48303	No
211	GOM_TRA_1PNPDK20110526_191741_000000403103_00013_48303_3006.N1	26-MAY-2011 19:17:41	Bright	40.000	53	43Bet And	2.0480	3300.0	80	48303	No
212	GOM_TRA_1PNPDK20110526_192015_000000503103_00013_48303_3007.N1	26-MAY-2011 19:20:15	Twilight	50.000	58	21Alp And	2.0730	11000.	100	48303	No
213	GOM_TRA_1PNPDK20110526_192453_000000483103_00013_48303_3008.N1	26-MAY-2011 19:24:53	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	48303	No
214	GOM_TRA_1PNPDK20110526_193346_000000463103_00013_48303_3009.N1	26-MAY-2011 19:33:46	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	48303	No
215	GOM_TRA_1PNPDK20110526_194527_000000603103_00014_48304_3010.N1	26-MAY-2011 19:45:27	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	48304	No
216	GOM_TRA_1PNPDK20110526_194713_000000463103_00014_48304_3011.N1	26-MAY-2011 19:47:13	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48304	No
217	GOM_TRA_1PNPDK20110526_195225_000000433103_00014_48304_3012.N1	26-MAY-2011 19:52:25	Dark	42.500	45	Alp Pav	1.9400	26000.	85	48304	No
218	GOM_TRA_1PNPDK20110526_195855_000000403103_00014_48304_3013.N1	26-MAY-2011 19:58:55	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	48304	No
219	GOM_TRA_1PNPDK20110526_200146_000000513103_00014_48304_3014.N1	26-MAY-2011 20:01:46	Straylight	50.500	40	The Sco	1.8590	7100.0	101	48304	No
220	GOM_TRA_1PNPDE20110526_210507_000000493103_00014_48304_9258.N1	26-MAY-2011 21:05:07	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	48304	Yes

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



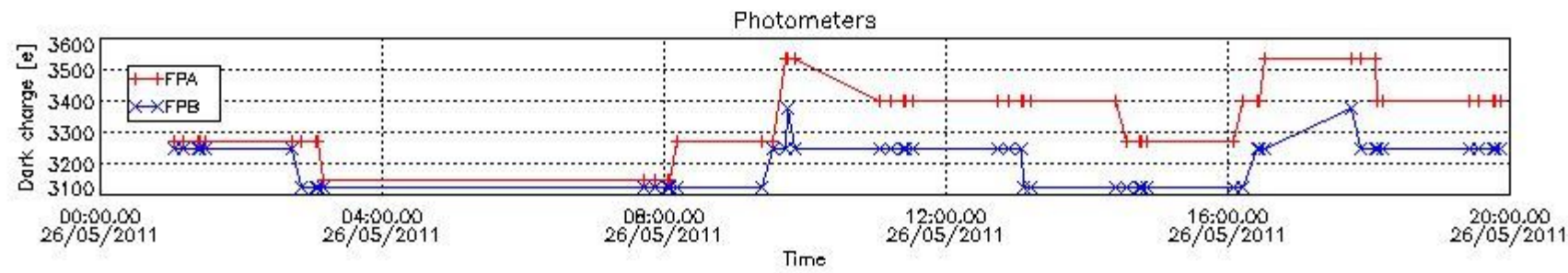
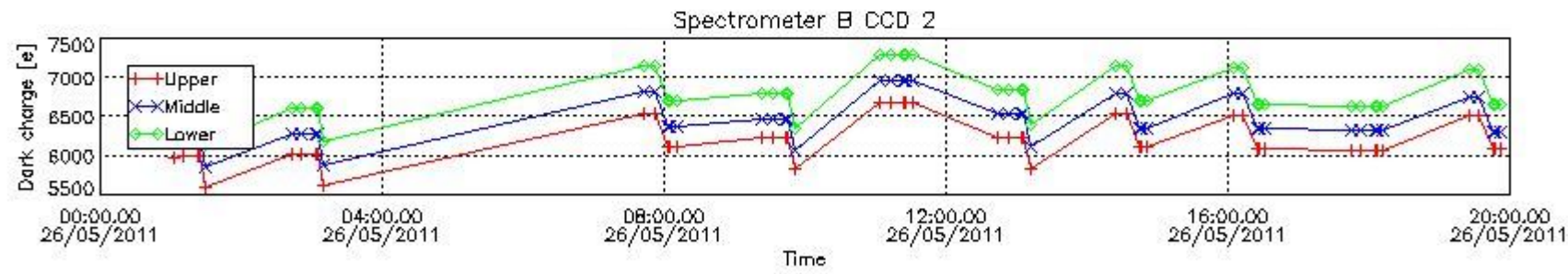
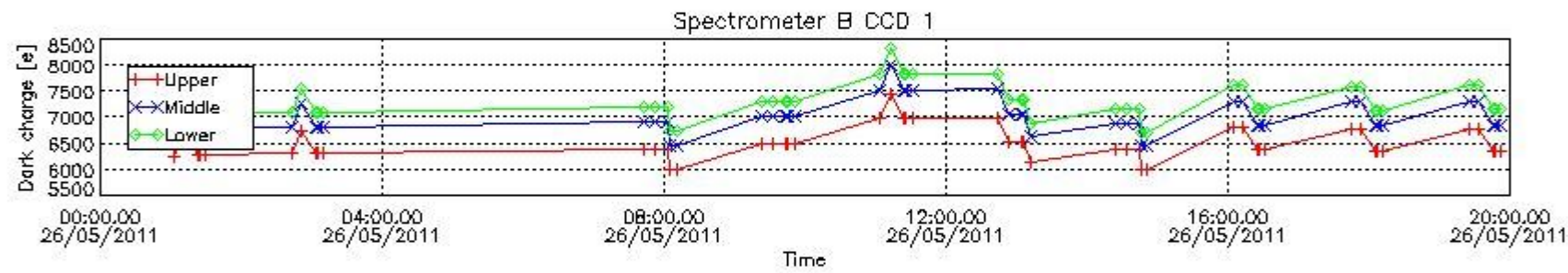
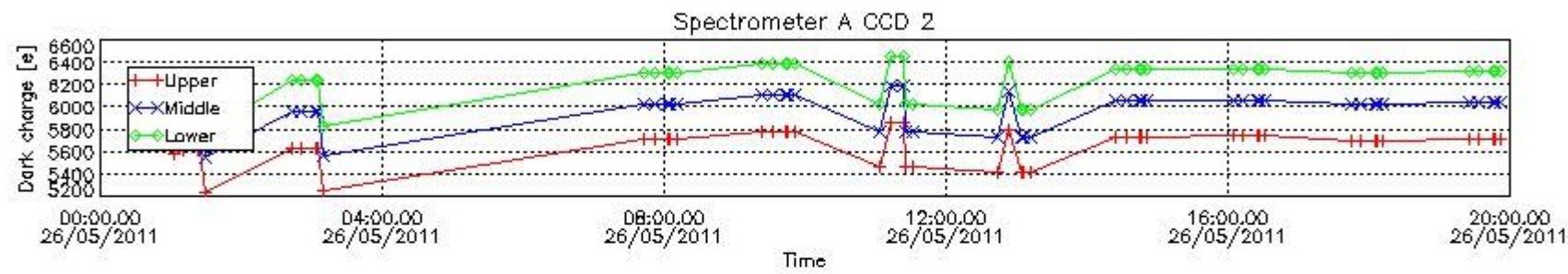
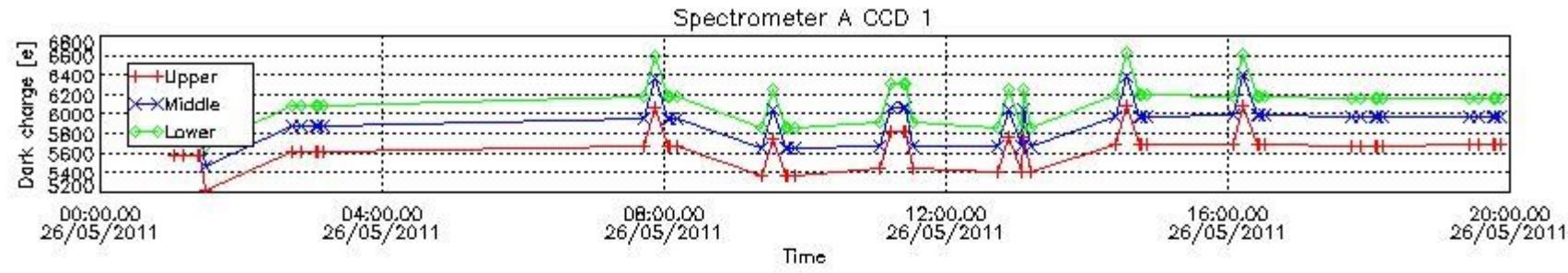
4. Overview of dark signal processing per product

The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

4.1 All products used the DSA observation for the DC computation

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



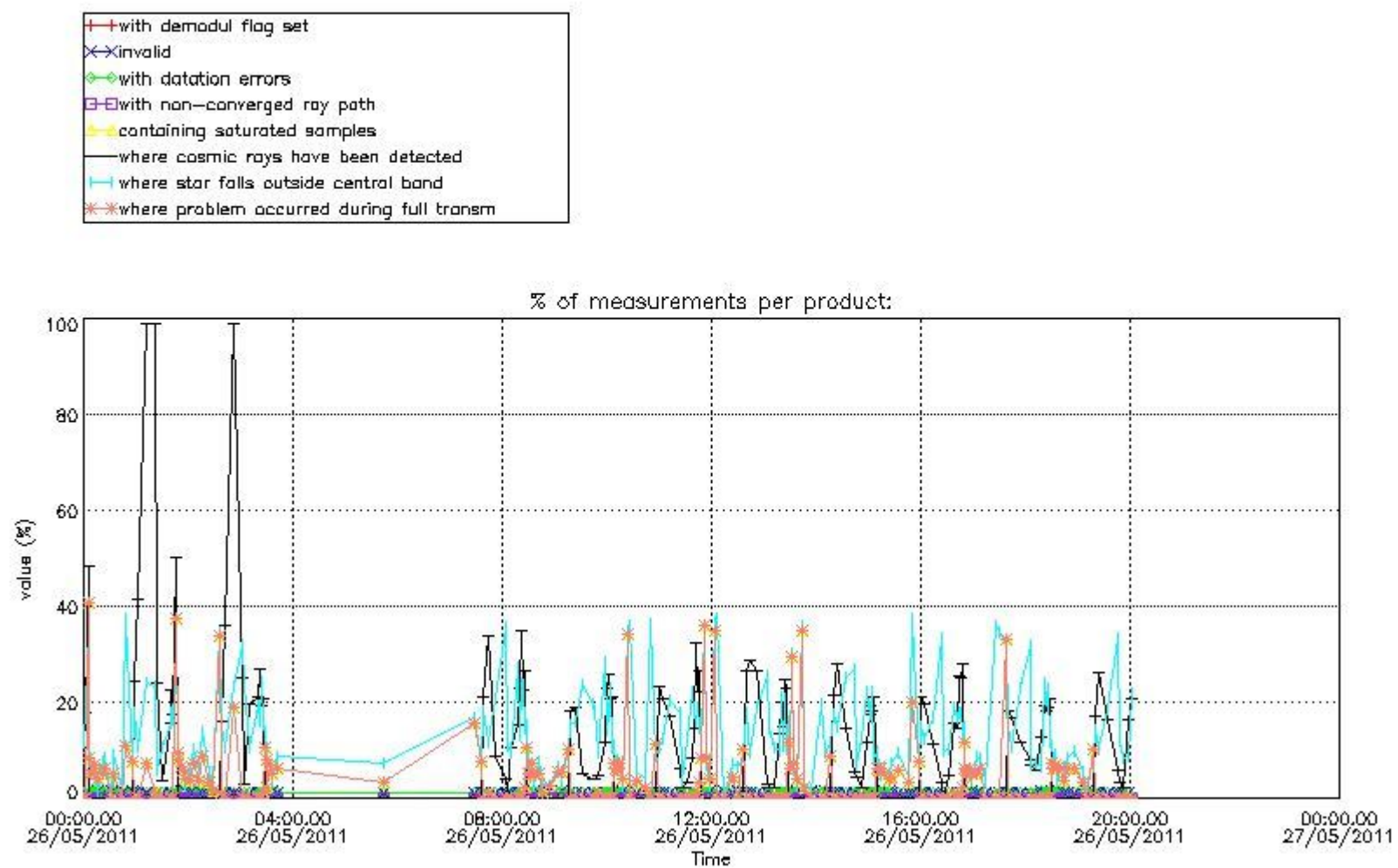
5. Demodulation flag and quality information monitoring

In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

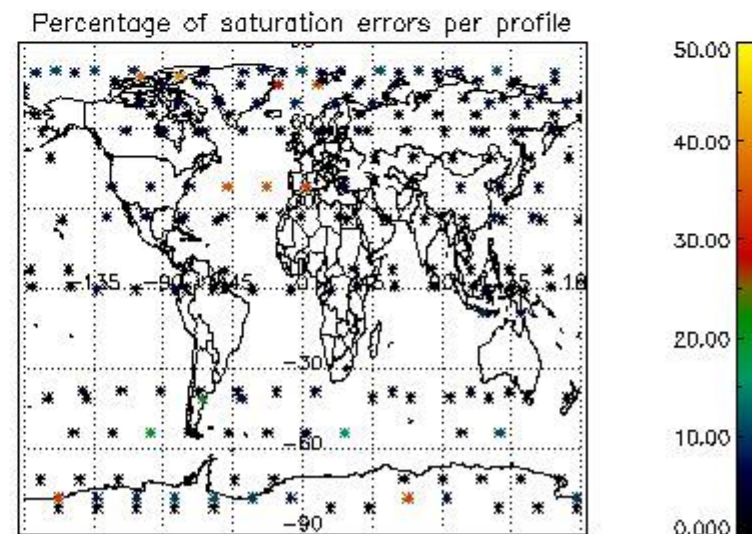
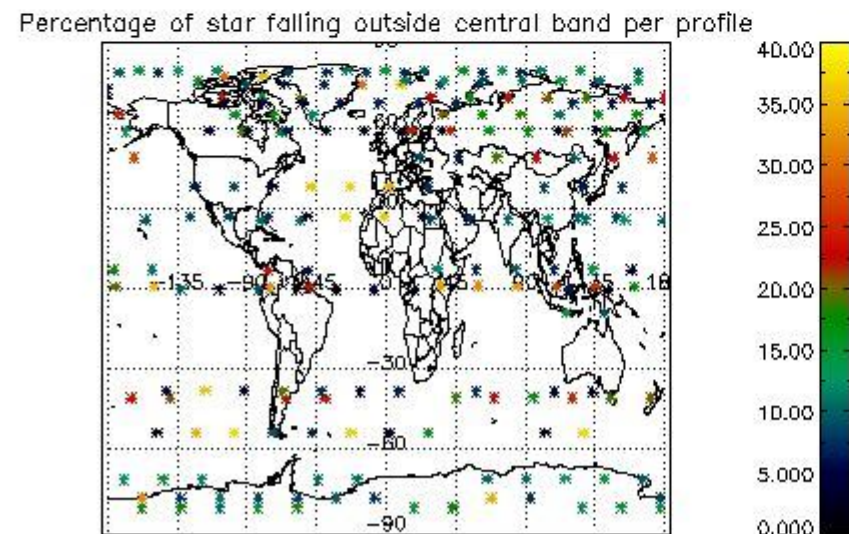
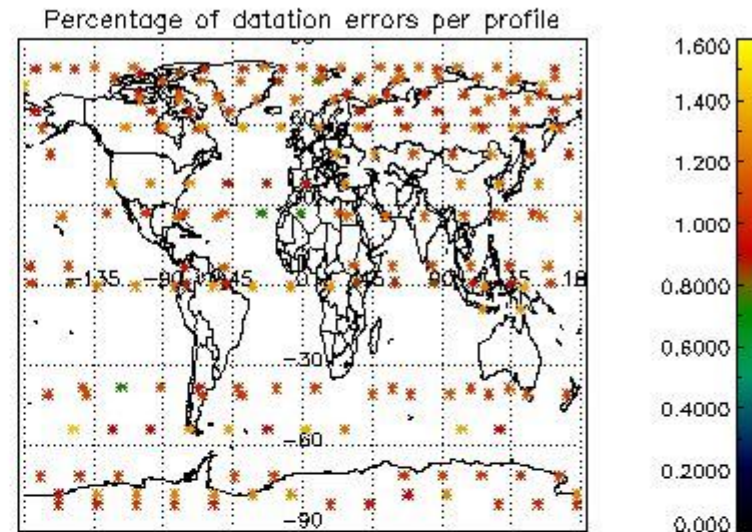
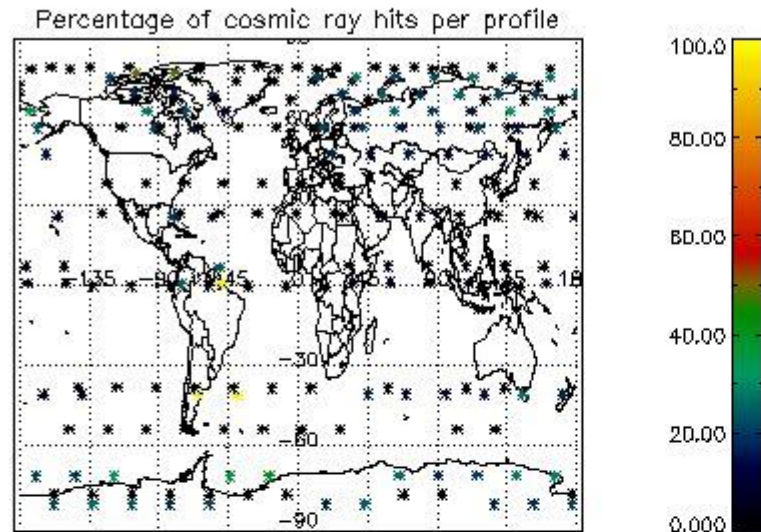
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	48.3871 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



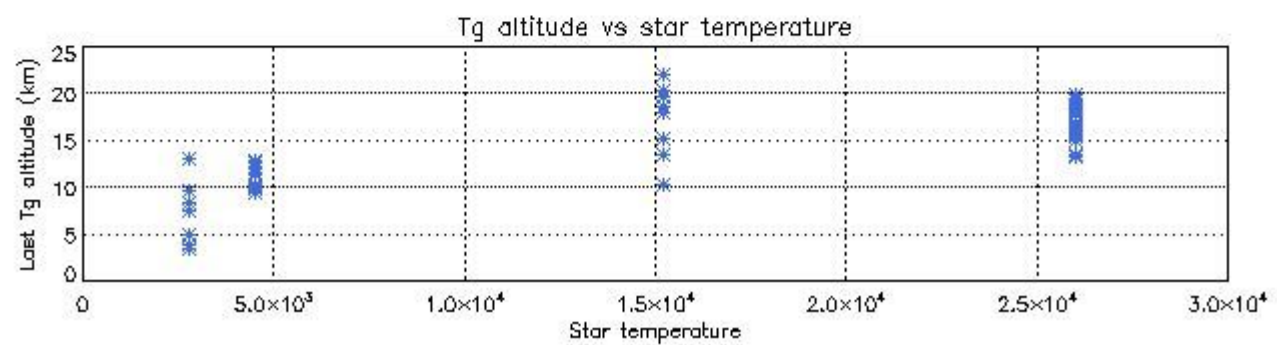
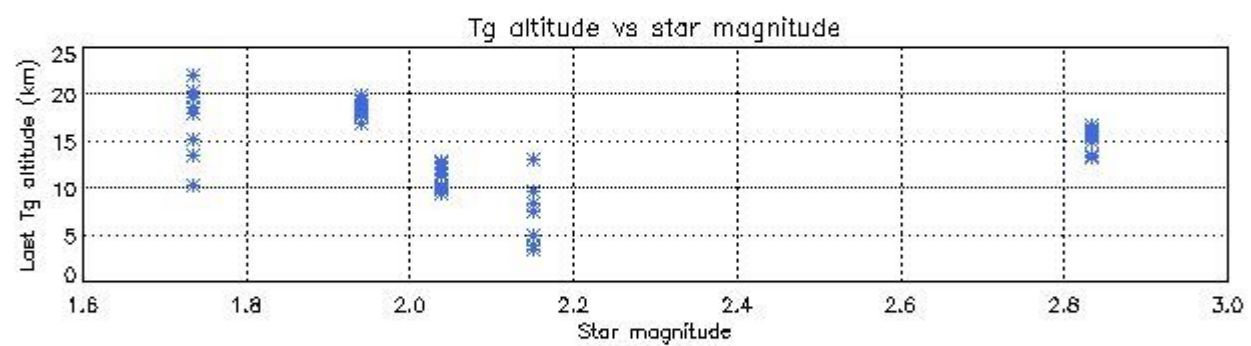
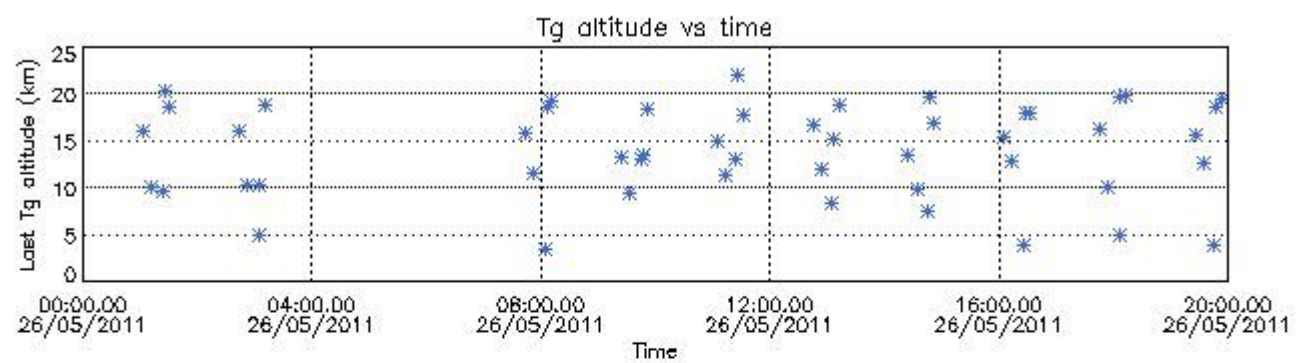
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.925	17.869	NaN
St. deviation:	4.8980	6.1888	NaN
Maximum:	21.963	29.160	NaN
Minimum:	3.3221	3.5089	NaN
Number of data:	50.000	111.00	NaN

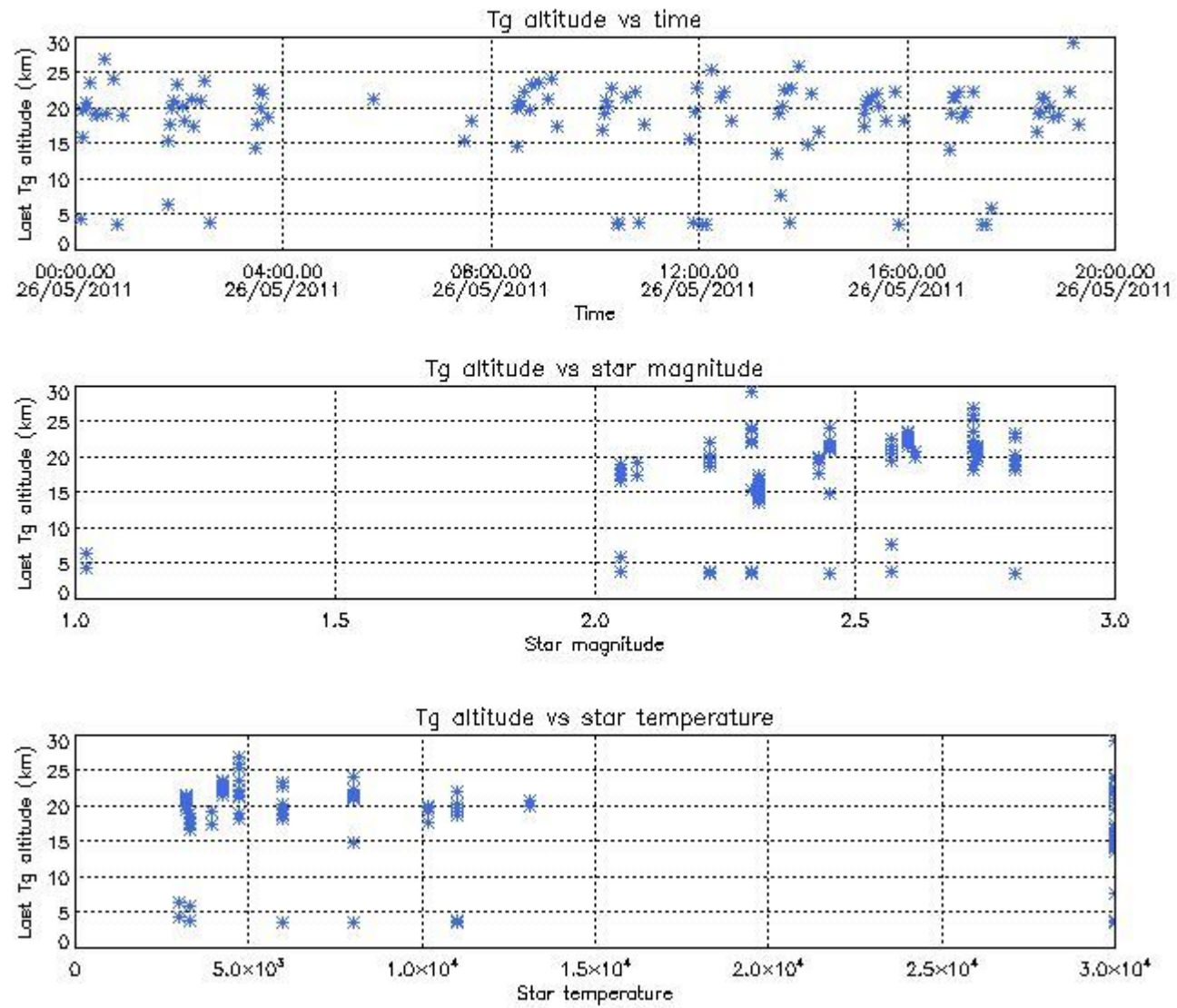
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

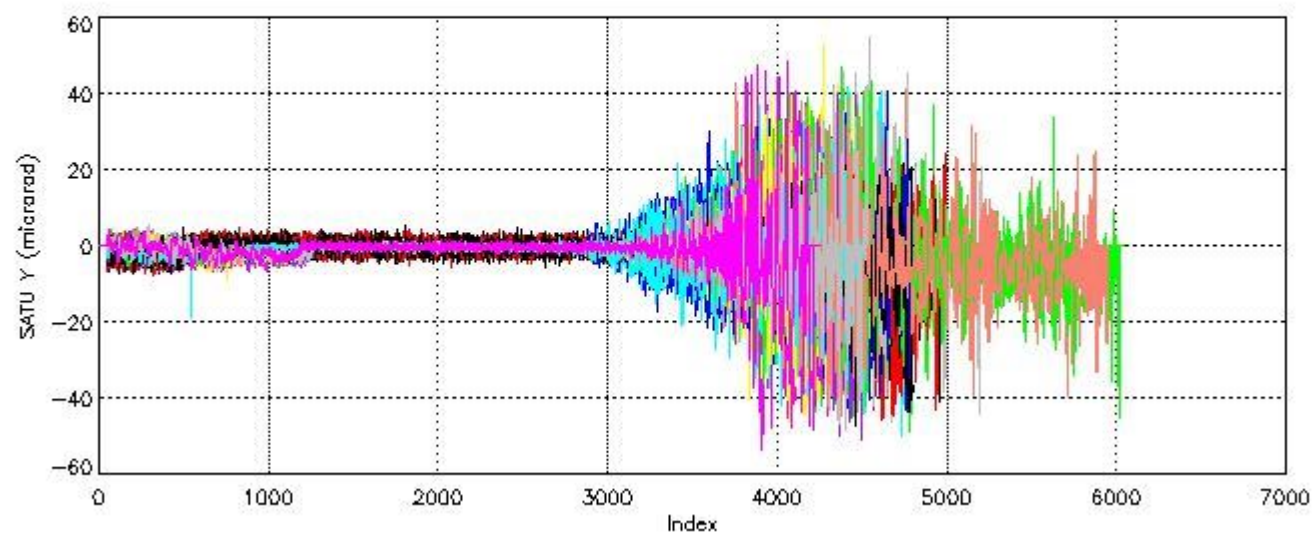
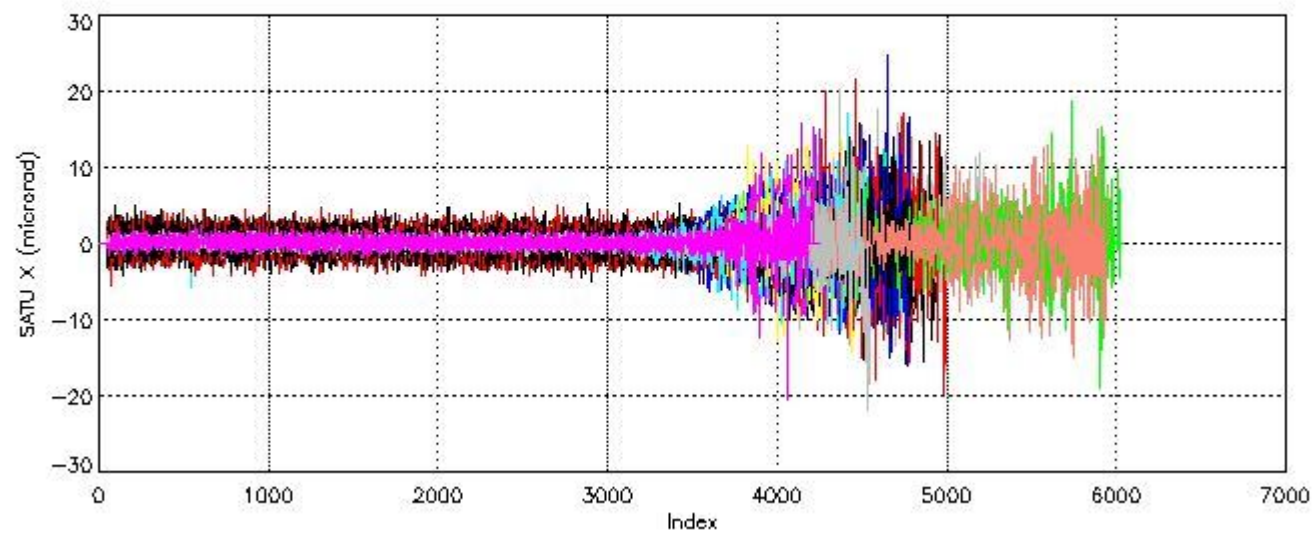


7. Star Acquisition and Tracking Unit (SATU)

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:	0.19509	-1.4201	0.26317	-1.5847
St. deviation:	0.57268	1.6265	0.71346	1.6506
Maximum:	5.1000	5.1000	4.8000	5.8000
Minimum:	-5.8000	-18.800	-4.2000	-10.100

Number of data:	50600.	50600.	1.0970E+05	1.0970E+05
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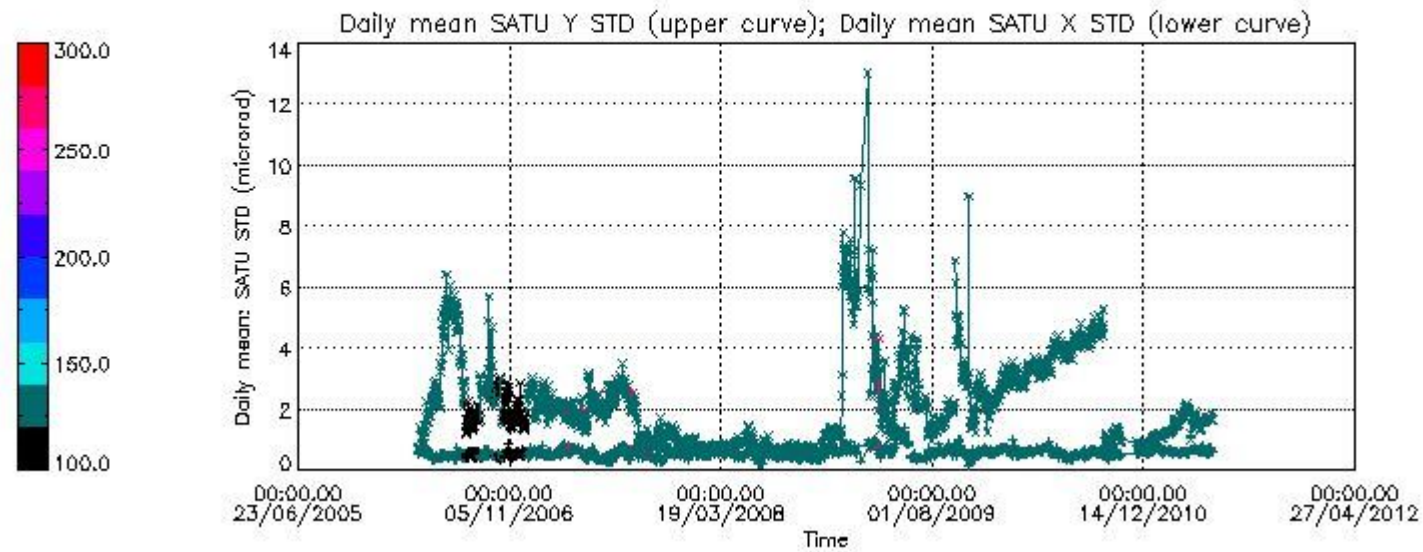
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

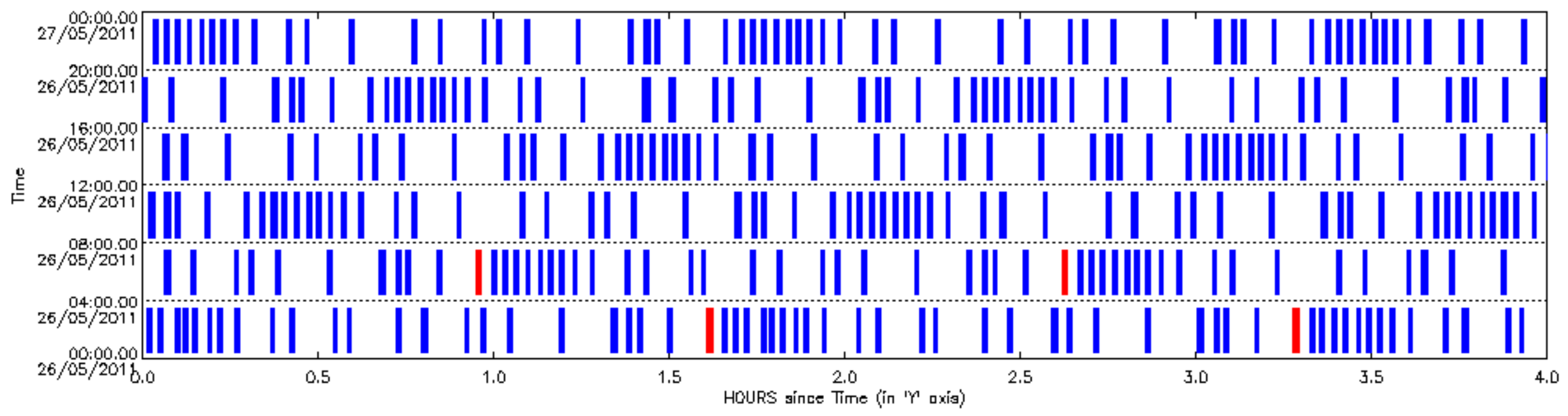


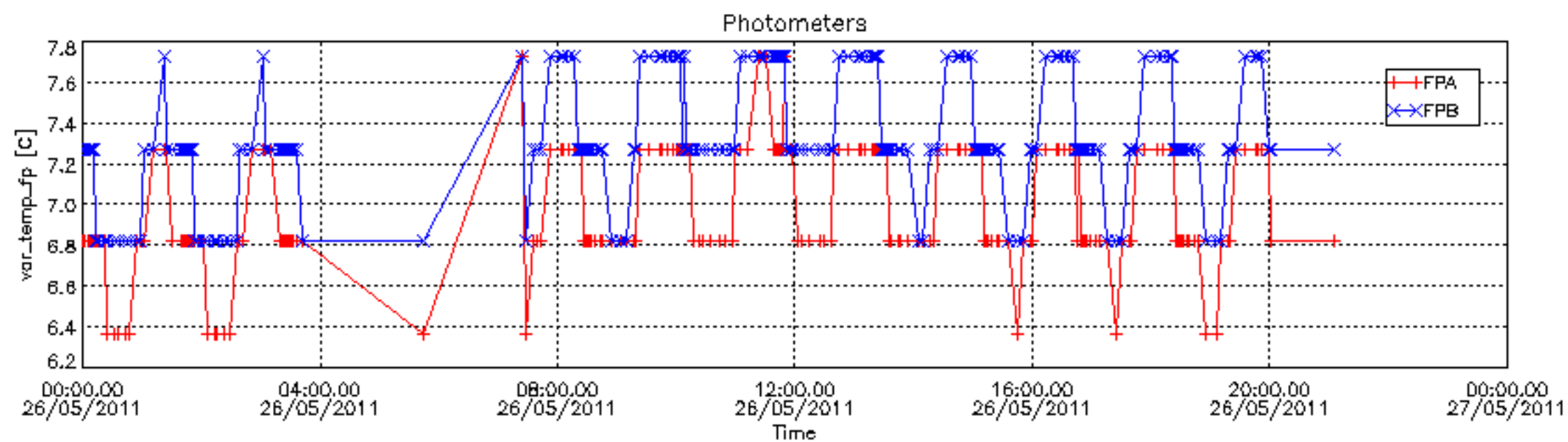
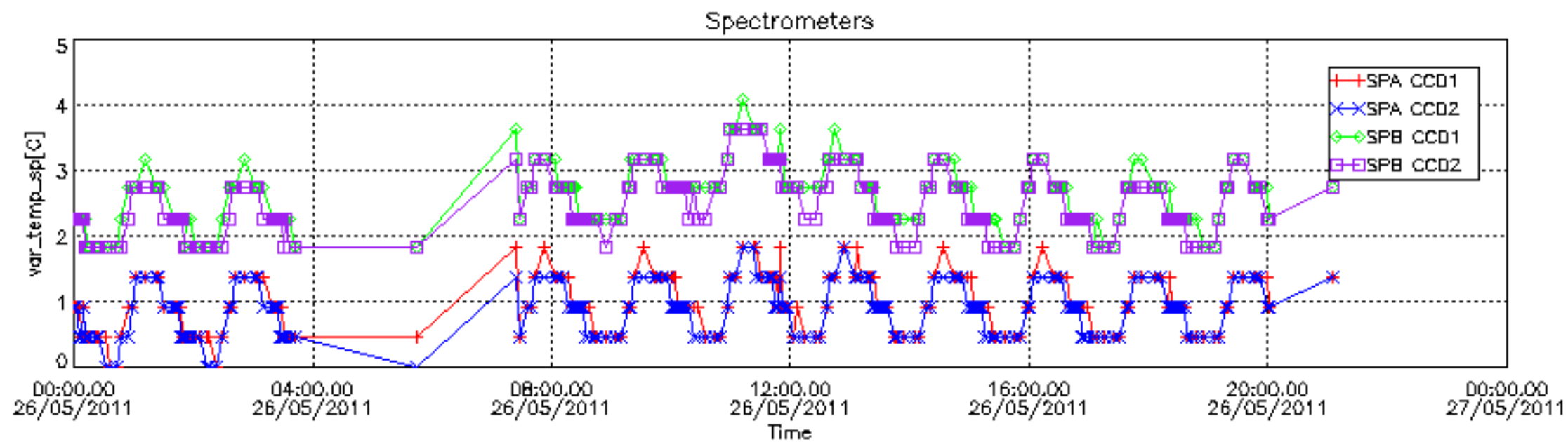
8. Auxiliary Data Files used for the production reported in section 2.4

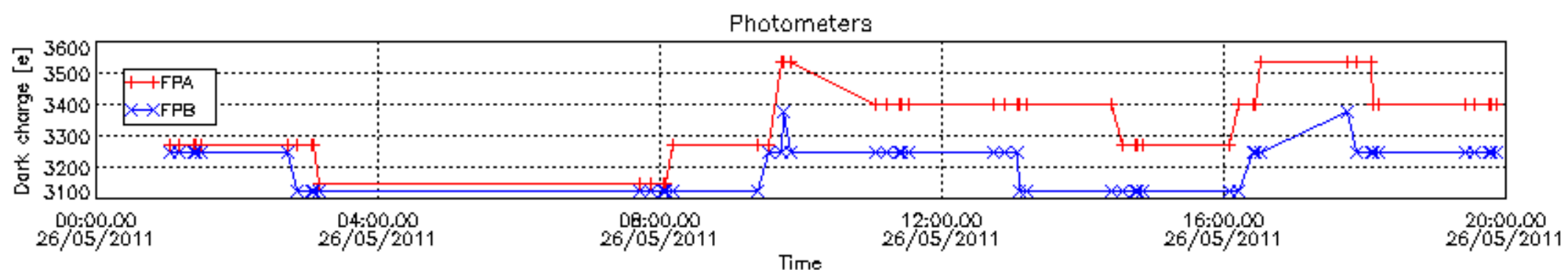
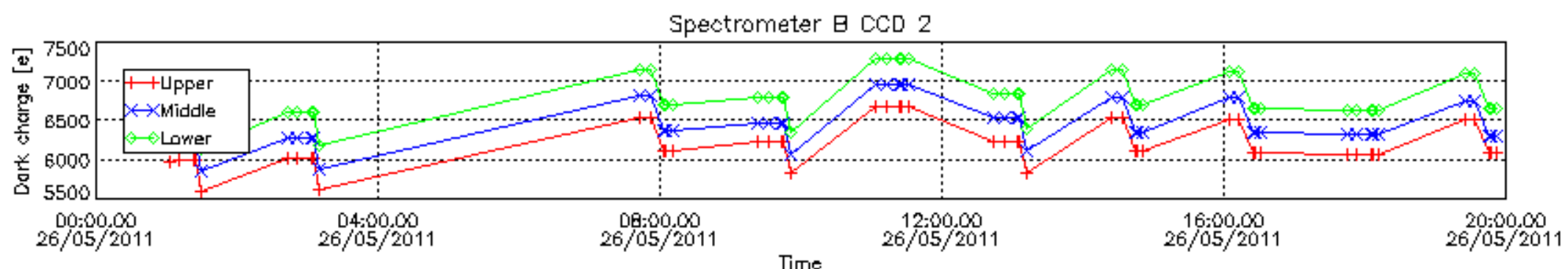
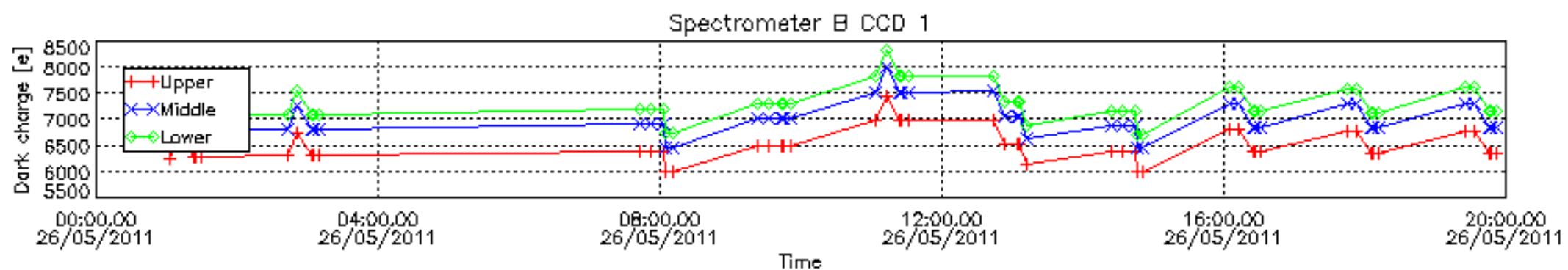
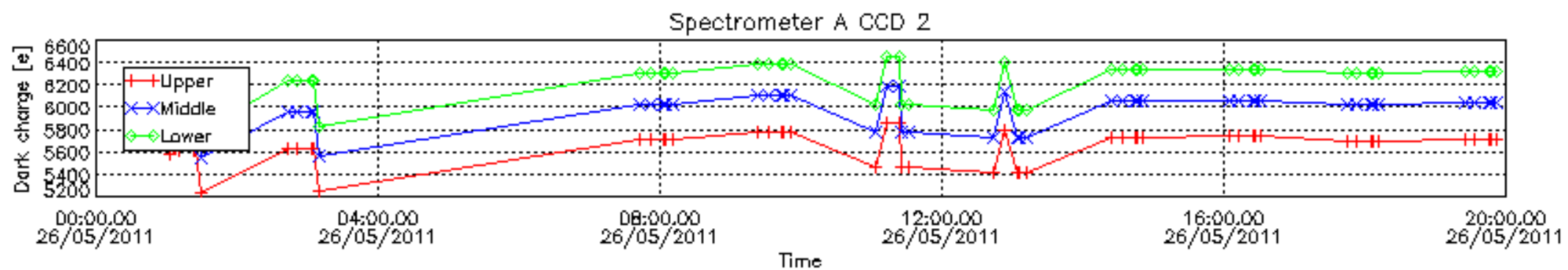
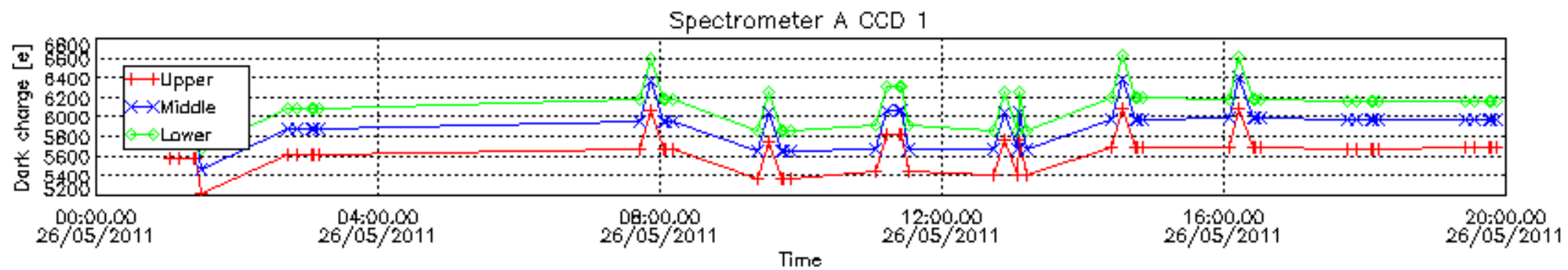
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

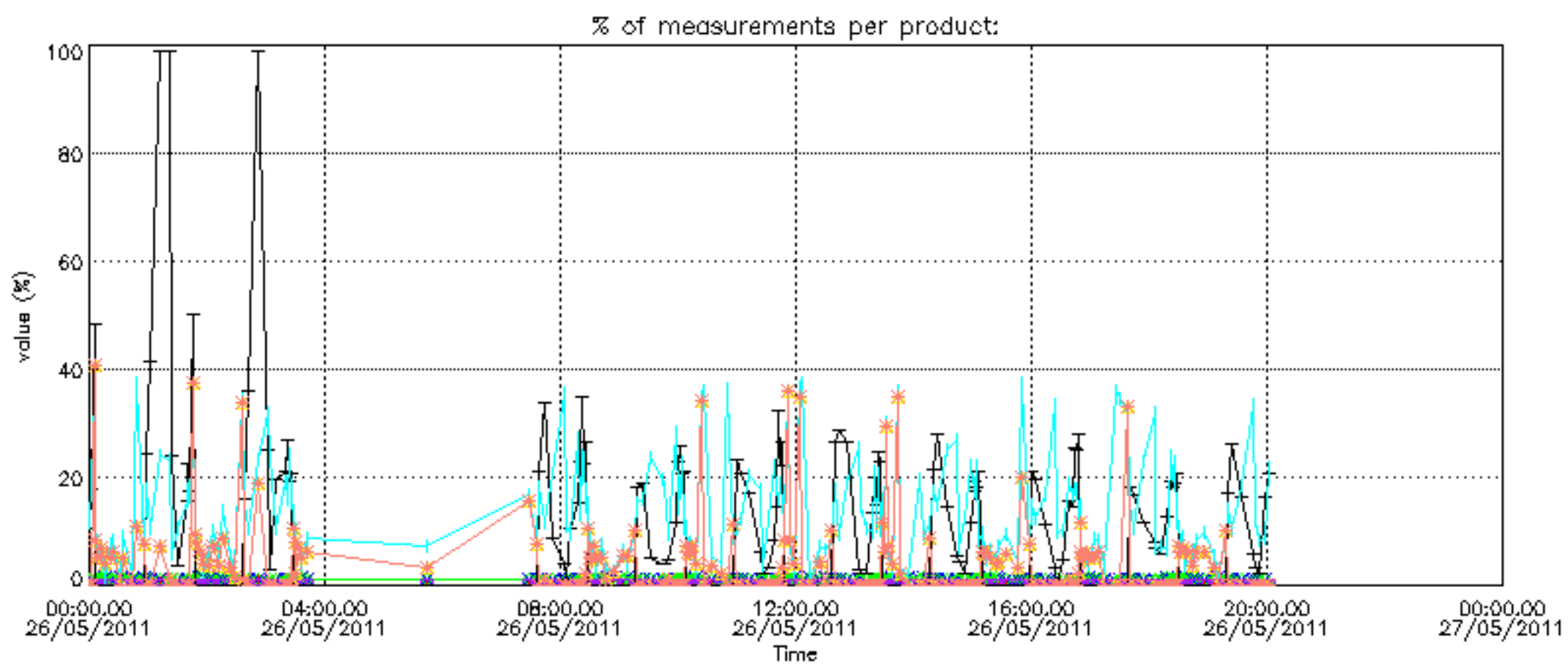
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-MAY-2011 00:00:41
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110519_083035_20110518_000000_20500101_000000	1	26-MAY-2011 00:00:41
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110526_082123_20110525_000000_20500101_000000	18	26-MAY-2011 01:11:06
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110519_083035_20110518_000000_20500101_000000	54	26-MAY-2011 05:43:54
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110526_082123_20110525_000000_20500101_000000	197	26-MAY-2011 18:21:32
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	26-MAY-2011 00:00:41
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	26-MAY-2011 00:00:41
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	26-MAY-2011 00:00:41
ECMWF_FILE	AUX_ECF_AXNECM20110525_062117_20110525_210000_20110526_090000	1	26-MAY-2011 00:00:41
ECMWF_FILE	AUX_ECF_AXNECM20110525_181054_20110526_030000_20110526_150000	54	26-MAY-2011 05:43:54
ECMWF_FILE	MISSING	136	26-MAY-2011 13:30:26
ECMWF_FILE	AUX_ECA_AXNECM20110526_182114_20110526_090000_20110526_210000	197	26-MAY-2011 18:21:32
ECMWF_FILE	AUX_ECF_AXNECM20110526_062115_20110526_210000_20110527_090000	220	26-MAY-2011 21:05:07
OPTIONAL_ECMWF_FILE	MISSING	1	26-MAY-2011 00:00:41
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110525_102114_20110524_191824_20110603_213211	1	26-MAY-2011 00:00:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110526_010614_000098823103_00002_48292_6076.N1	18	26-MAY-2011 01:11:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110526_054231_000057383103_00005_48295_6080.N1	54	26-MAY-2011 05:43:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110526_072328_000035073103_00006_48296_4660.N1	55	26-MAY-2011 07:24:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110526_082714_000057383103_00007_48297_4661.N1	71	26-MAY-2011 08:31:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110526_100811_000057383103_00008_48298_4662.N1	94	26-MAY-2011 10:14:10

ORBIT_DATA_FILE	DOR_NAV_OPNPKD20110526_114908_000057383103_00009_48299_4663.N1	114	26-MAY-2011 11:50:12
ORBIT_DATA_FILE	DOR_NAV_OPNPKD20110526_133005_000054193103_00010_48300_4664.N1	136	26-MAY-2011 13:30:26
ORBIT_DATA_FILE	DOR_NAV_OPNPKD20110526_150543_000054193103_00011_48301_4665.N1	157	26-MAY-2011 15:09:02
ORBIT_DATA_FILE	DOR_NAV_OPNPKD20110526_164121_000054193103_00012_48302_4666.N1	177	26-MAY-2011 16:45:00
ORBIT_DATA_FILE	DOR_NAV_OPNPKD20110526_181700_000057383103_00013_48303_4667.N1	197	26-MAY-2011 18:21:32
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110526_102113_20110525_184139_20110604_205527	220	26-MAY-2011 21:05:07

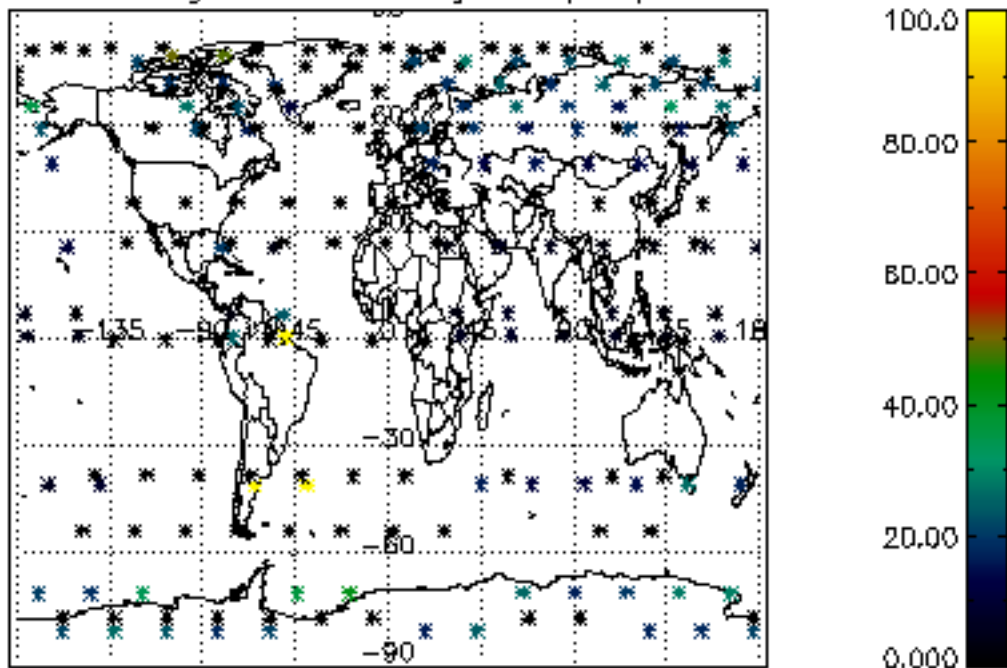




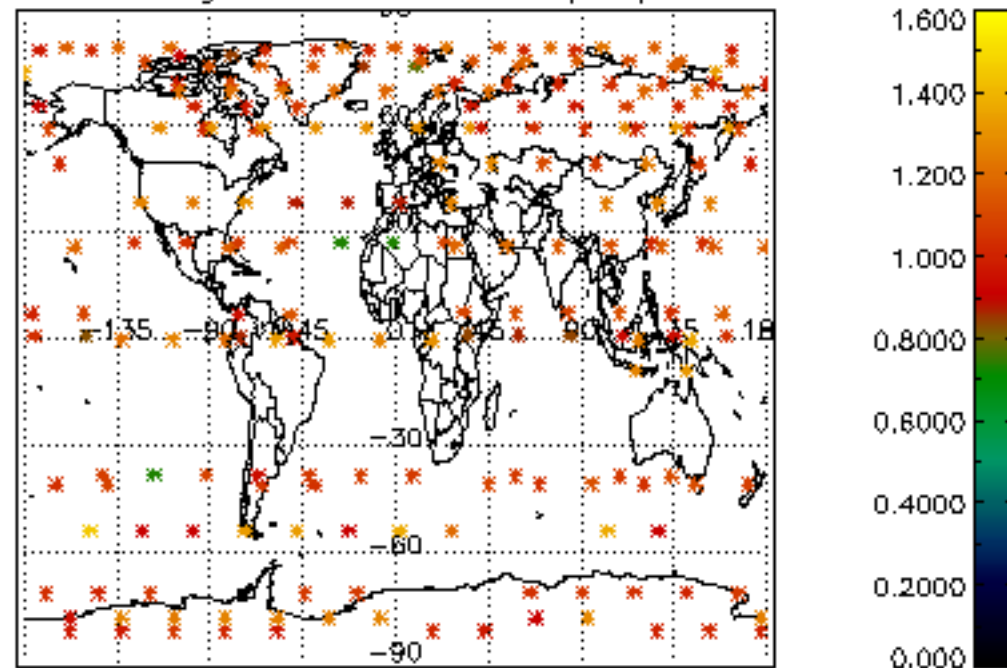




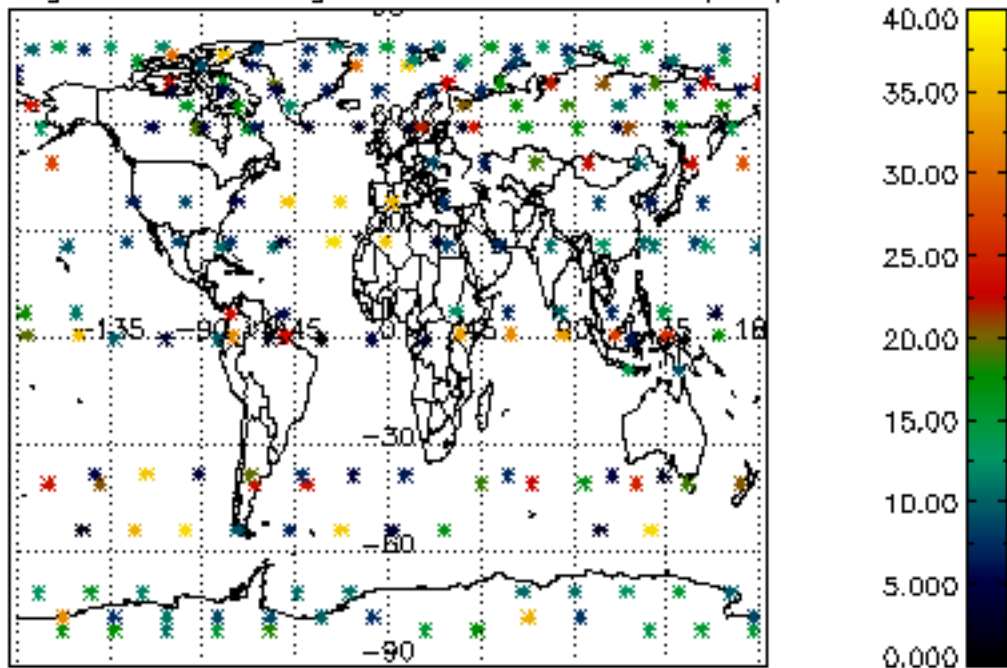
Percentage of cosmic ray hits per profile



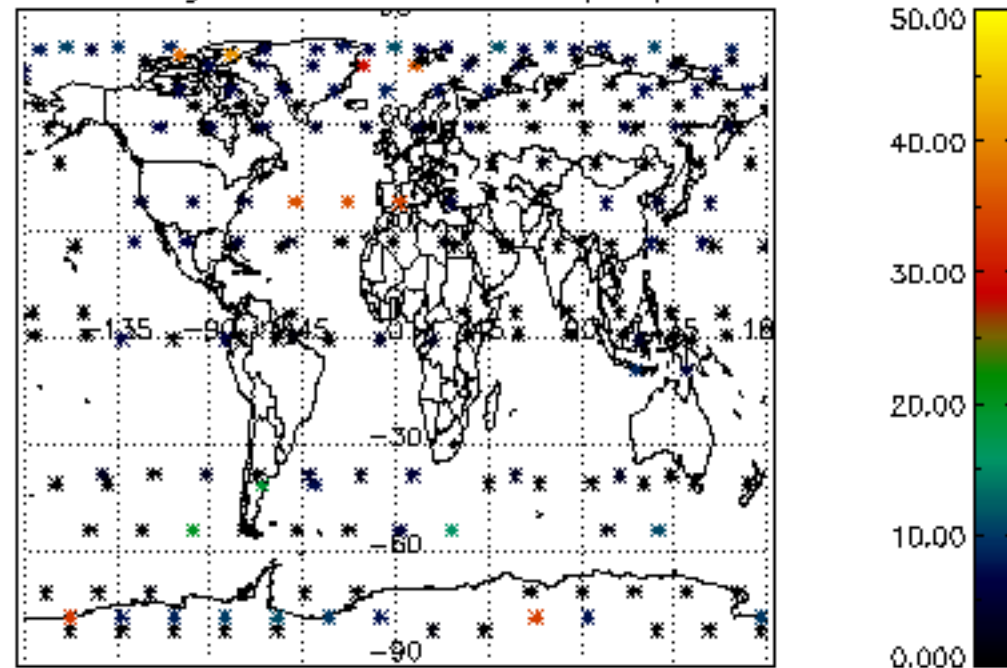
Percentage of datation errors per profile



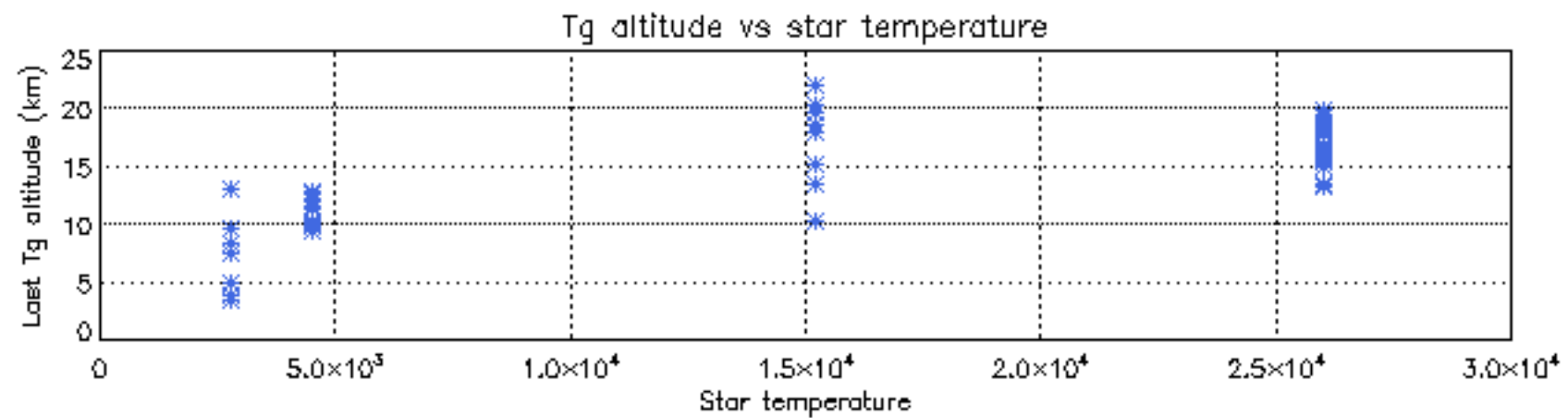
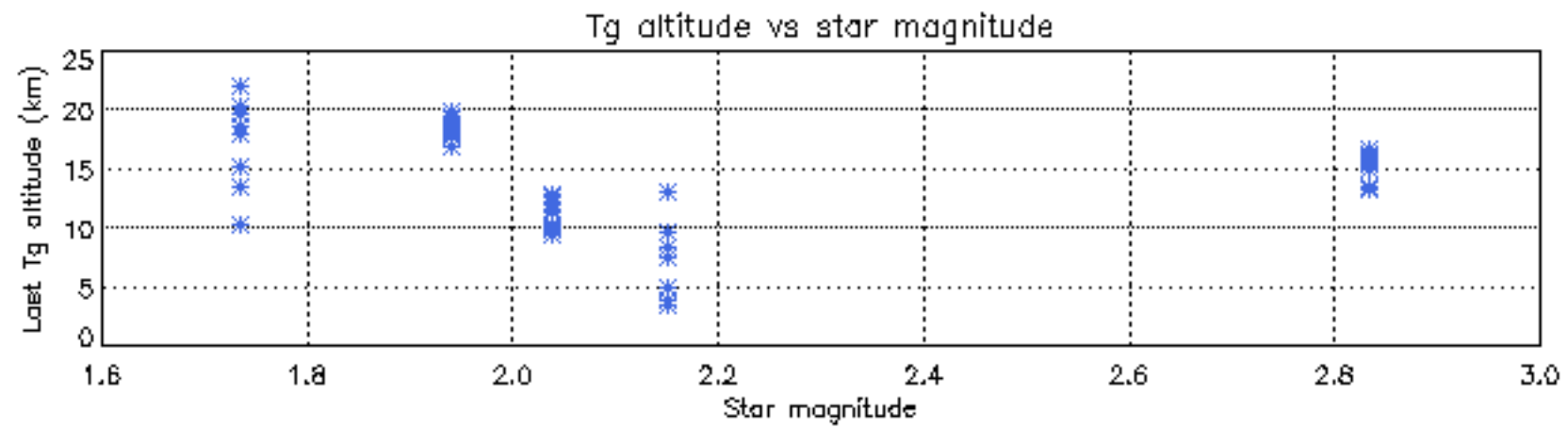
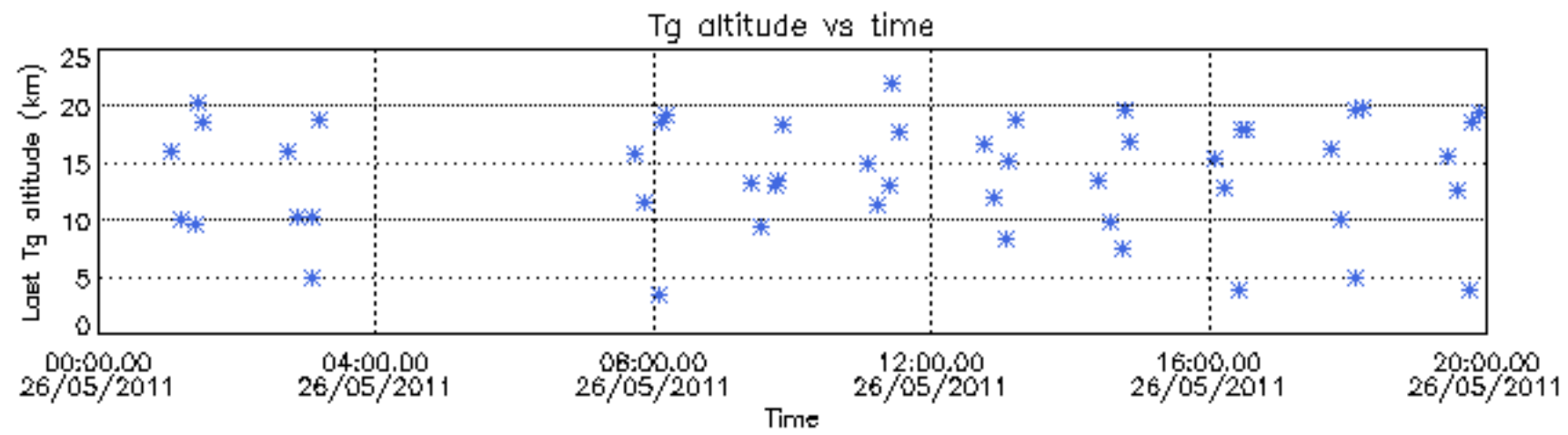
Percentage of star falling outside central band per profile



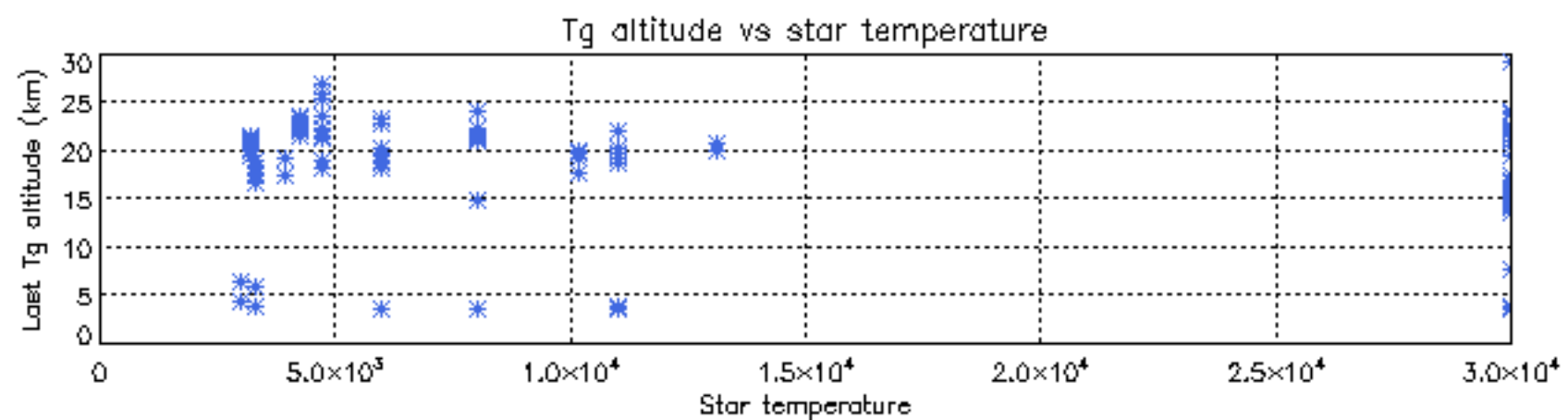
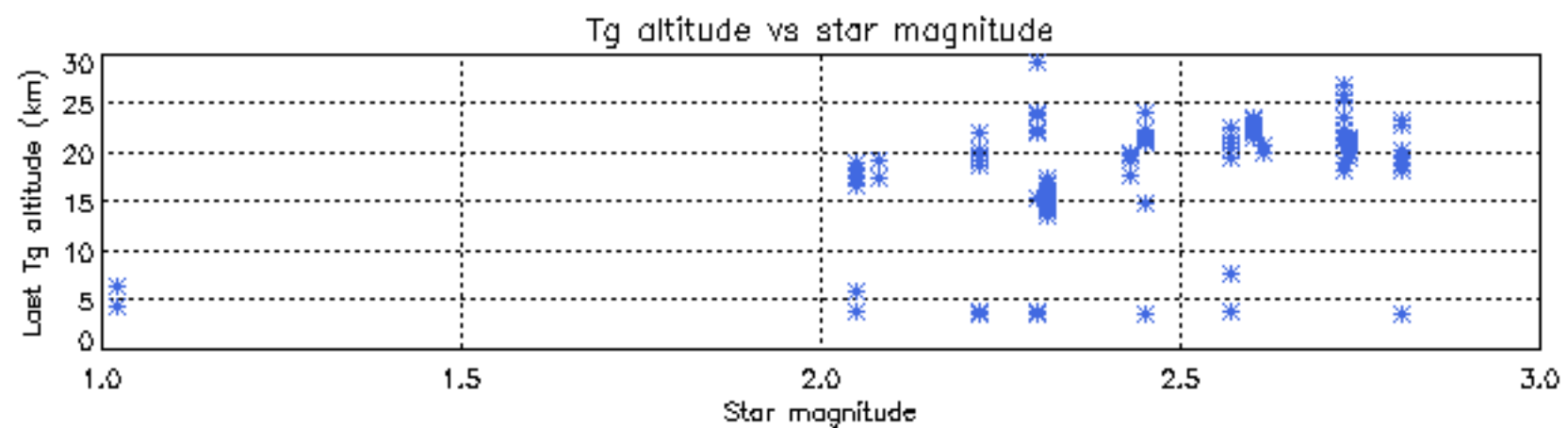
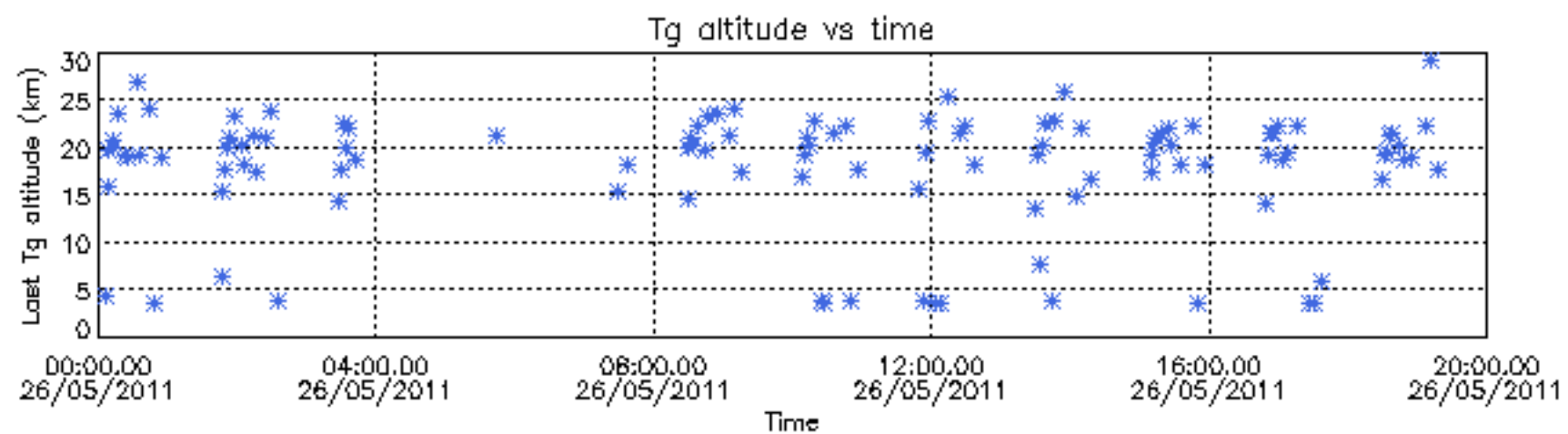
Percentage of saturation errors per profile

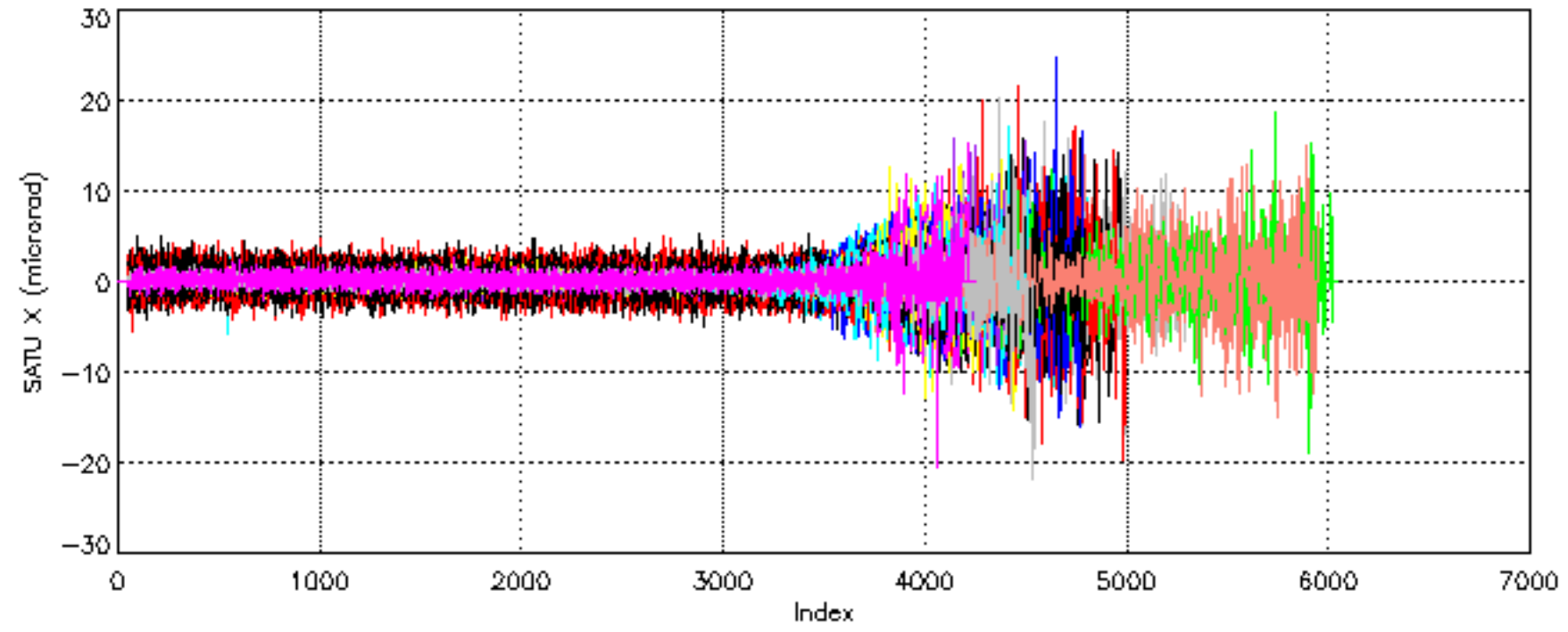


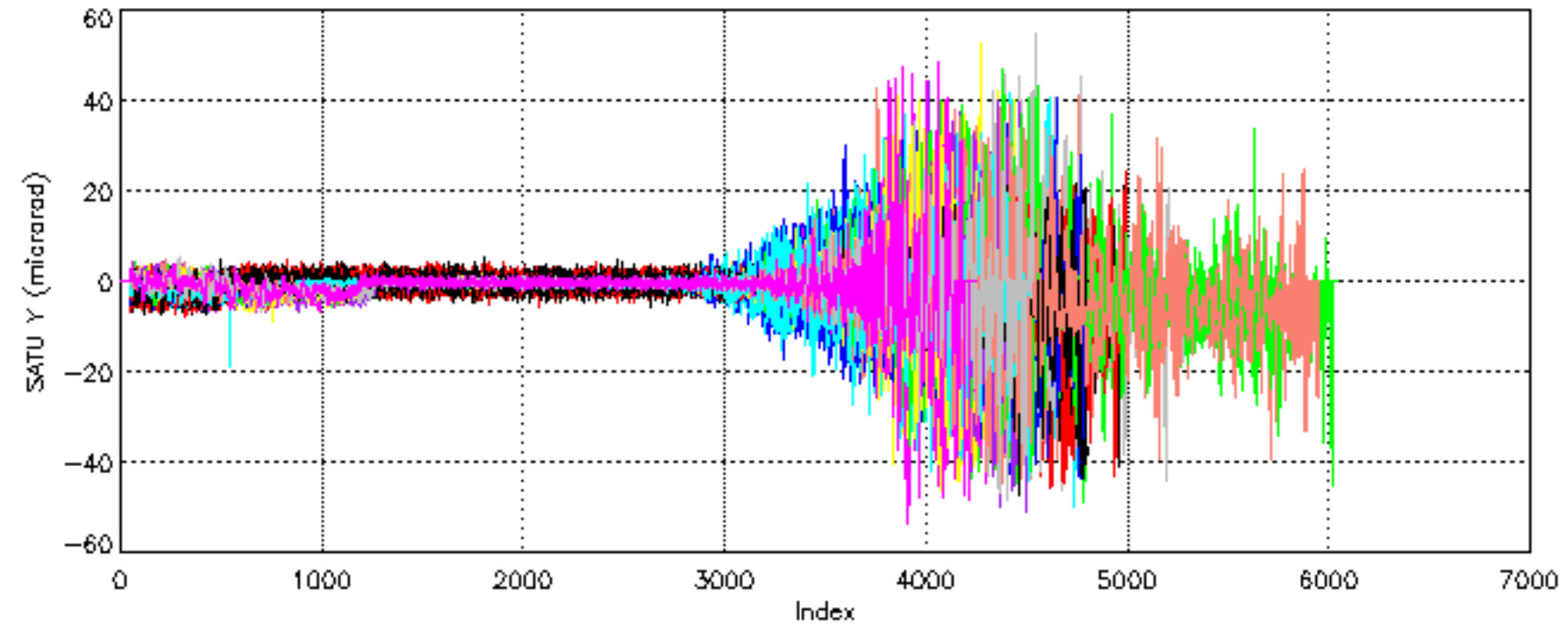
Tangent altitude at which the star is lost

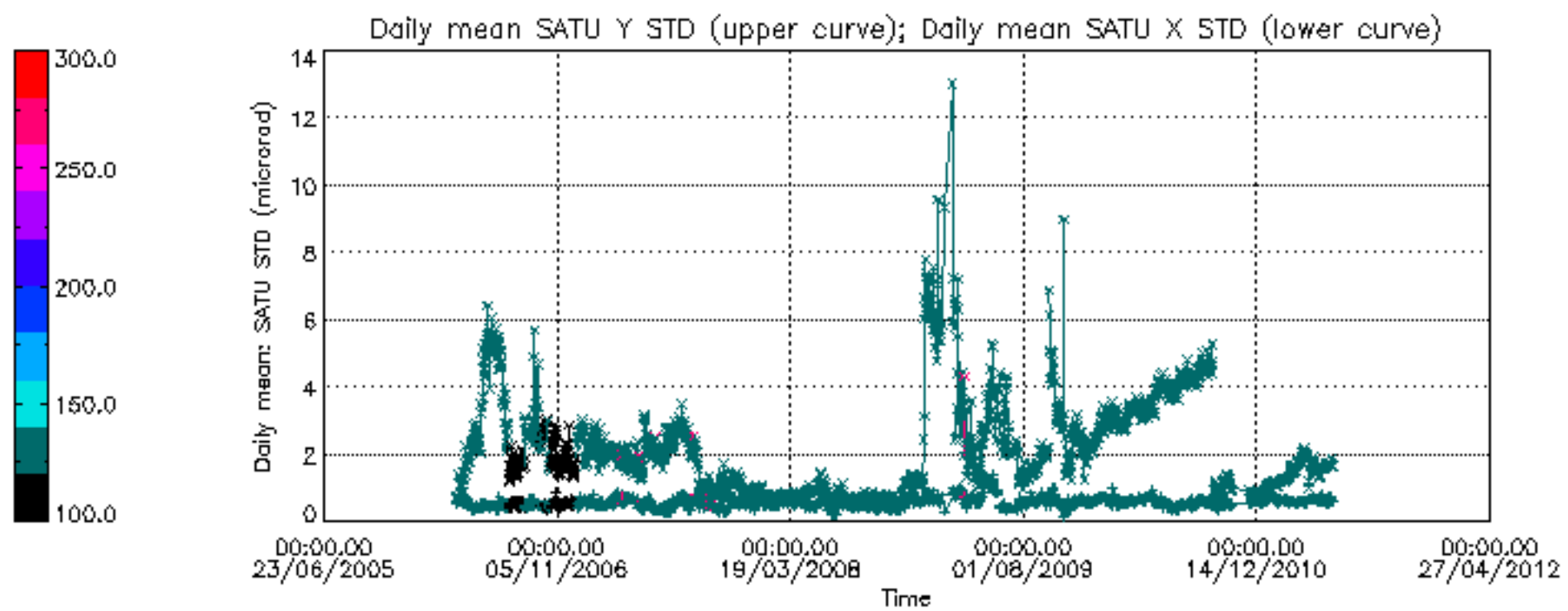


Tangent altitude at which the star is lost









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3; 2005.2; 27-MAY-2011 08:00:12; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;48311
4; 2544.9; 27-MAY-2011 08:09:12; Bright; 44.0; 133; 40Zet Her ; 2.81; 6000;occ; 88; 0;48311
5; 3006.0; 27-MAY-2011 08:16:53; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;48311
6; 3641.8; 27-MAY-2011 08:27:29; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;48311
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9; 4521.3; 27-MAY-2011 08:42:08; Dark ; 50.0; 58; 21Alp And ; 2.07; 11000;occ; 100; 0;48311
10; 4801.4; 27-MAY-2011 08:46:48; Dark ; 49.0; 140; 88Gam Peg ; 2.83; 26000;occ; 98; 0;48311
11; 5334.6; 27-MAY-2011 08:55:42; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;48311
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