

GOMOS Daily Report 08-JAN-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	11JAN2011 04:57:18
Data source version	GOMOS/5.01
Start time of products	08JAN2011 00:00:40
Stop time of products	08JAN2011 23:59:23
Store outputs in DB	Yes
Nb of level 1b prods	149
Nb of prods with errors	1

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

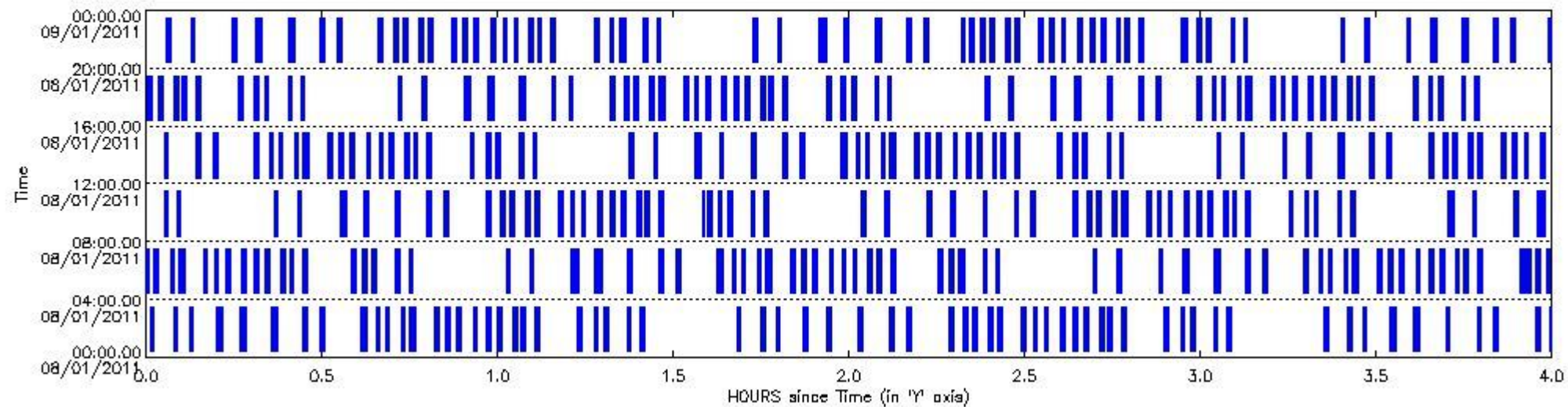
2.1 Level 0 products arrived in PCF (see template [here](#))

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

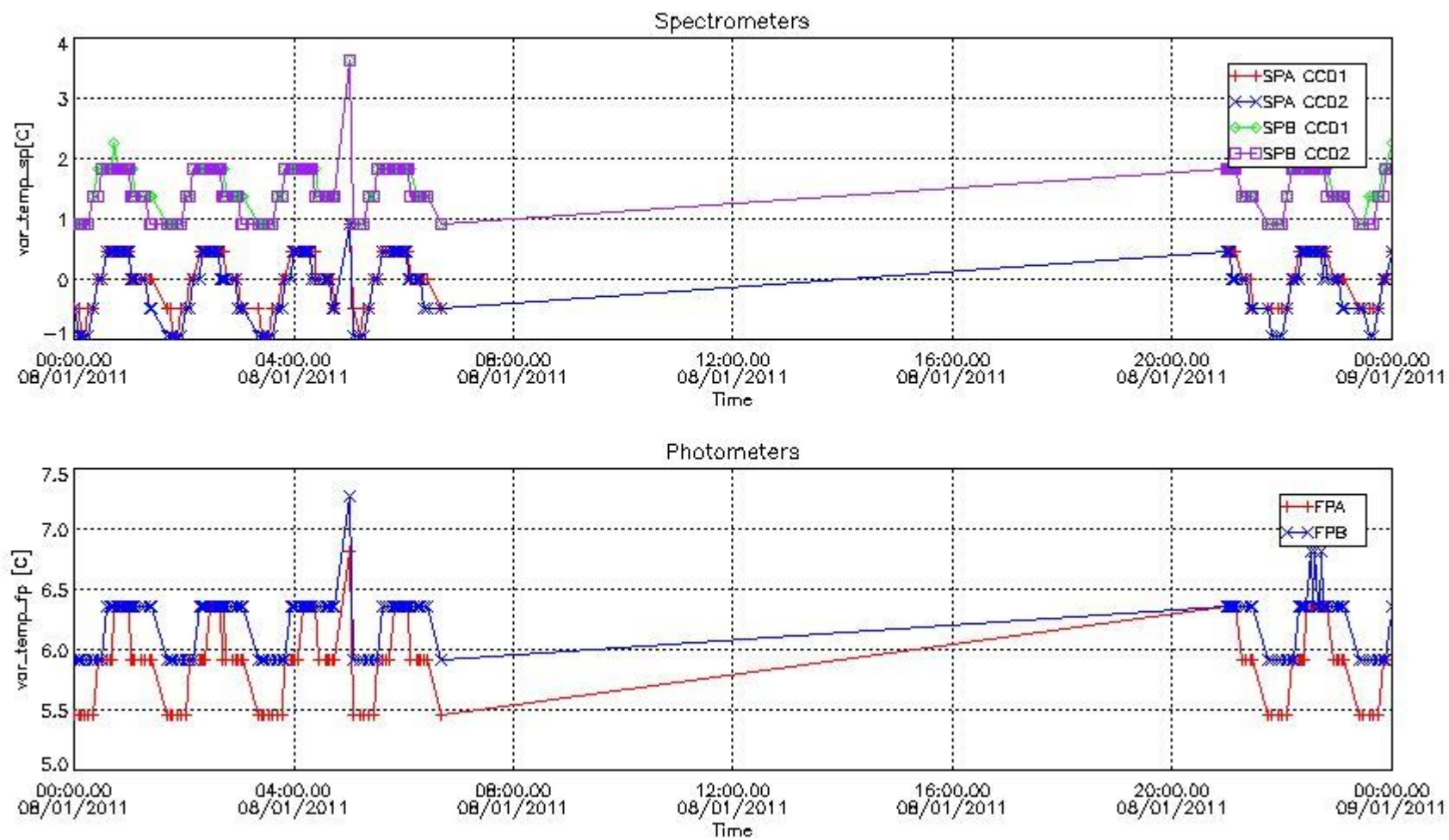
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110108_000040_000000403098_00174_46309_2470.N1	08-JAN-2011 00:00:40	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46309	No
2	GOM_TRA_1PNPDE20110108_000445_000000373098_00174_46309_2471.N1	08-JAN-2011 00:04:45	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46309	No
3	GOM_TRA_1PNPDE20110108_000722_000000323098_00174_46309_2472.N1	08-JAN-2011 00:07:22	Twilight_stray	32.000	39	85Eta UMa	1.8540	24000.	64	46309	No
4	GOM_TRA_1PNPDE20110108_001153_000000683098_00174_46309_2473.N1	08-JAN-2011 00:11:53	Bright	68.000	180	27Gam Boo	3.0400	8000.0	136	46309	No
5	GOM_TRA_1PNPDE20110108_001554_000000683098_00174_46309_2474.N1	08-JAN-2011 00:15:54	Bright	68.000	83		2.3780	11000.	136	46309	No
6	GOM_TRA_1PNPDE20110108_002122_000000573098_00174_46309_2475.N1	08-JAN-2011 00:21:22	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46309	No
7	GOM_TRA_1PNPDE20110108_002643_000000443098_00174_46309_2476.N1	08-JAN-2011 00:26:43	Bright	43.500	104	27Bet Lib	2.6140	13100.	87	46309	No
8	GOM_TRA_1PNPDE20110108_002937_000000473098_00174_46309_2479.N1	08-JAN-2011 00:29:37	Twilight_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	46309	No
9	GOM_TRA_1PNPDE20110108_003641_000000523098_00174_46309_2480.N1	08-JAN-2011 00:36:41	Dark	51.500	54	5The Cen	2.0550	4500.0	103	46309	No
10	GOM_TRA_1PNPDE20110108_003913_000000413098_00174_46309_2481.N1	08-JAN-2011 00:39:13	Dark	41.000	95	Zet Cen	2.5450	26000.	82	46309	No
11	GOM_TRA_1PNPDE20110108_004051_000000403098_00175_46310_2482.N1	08-JAN-2011 00:40:51	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46310	No
12	GOM_TRA_1PNPDE20110108_004333_000000413098_00175_46310_2483.N1	08-JAN-2011 00:43:33	Dark	40.500	20	Bet Cru	1.2530	30000.	81	46310	No

13	GOM_TRA_1PNPDE20110108_004911_000000543098_00175_46310_2484.N1	08-JAN-2011 00:49:11	Dark	53.500	113	Mu Vel	2.6920	5000.0	107	46310	No
14	GOM_TRA_1PNPDE20110108_005110_000000433098_00175_46310_2485.N1	08-JAN-2011 00:51:10	Dark	42.500	71	lot Car	2.2460	7700.0	85	46310	No
15	GOM_TRA_1PNPDE20110108_005303_000000463098_00175_46310_2486.N1	08-JAN-2011 00:53:03	Dark	45.500	46	Del Vel	1.9540	10600.	91	46310	No
16	GOM_TRA_1PNPDE20110108_005550_000000423098_00175_46310_2487.N1	08-JAN-2011 00:55:50	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	46310	No
17	GOM_TRA_1PNPDE20110108_005800_000000473098_00175_46310_2488.N1	08-JAN-2011 00:58:00	Dark	47.000	70	Zet Pup	2.2460	39000.	94	46310	No
18	GOM_TRA_1PNPDE20110108_005951_000000433098_00175_46310_2489.N1	08-JAN-2011 00:59:51	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	46310	No
19	GOM_TRA_1PNPDE20110108_010230_000000453098_00175_46310_2490.N1	08-JAN-2011 01:02:30	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46310	No
20	GOM_TRA_1PNPDE20110108_010358_000000423098_00175_46310_2491.N1	08-JAN-2011 01:03:58	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46310	No
21	GOM_TRA_1PNPDE20110108_010617_000000493098_00175_46310_2492.N1	08-JAN-2011 01:06:17	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	46310	No
22	GOM_TRA_1PNPDE20110108_011333_000000463098_00175_46310_2493.N1	08-JAN-2011 01:13:33	Twilight_stray	46.000	14	58Alp Ori	0.87000	3000.0	92	46310	No
23	GOM_TRA_1PNPDE20110108_011623_000000473098_00175_46310_2494.N1	08-JAN-2011 01:16:23	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	46310	No
24	GOM_TRA_1PNPDE20110108_011803_000000483098_00175_46310_2495.N1	08-JAN-2011 01:18:03	Bright	47.500	151	13Mu Gem	2.8900	3000.0	95	46310	No
25	GOM_TRA_1PNPDE20110108_012207_000000373098_00175_46310_2496.N1	08-JAN-2011 01:22:07	Bright	37.000	107	37The Aur	2.6490	11000.	74	46310	No
26	GOM_TRA_1PNPDE20110108_012419_000000393098_00175_46310_2497.N1	08-JAN-2011 01:24:19	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46310	No
27	GOM_TRA_1PNPDE20110108_014054_000000343098_00175_46310_2498.N1	08-JAN-2011 01:40:54	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	46310	No
28	GOM_TRA_1PNPDE20110108_014459_000000433098_00175_46310_2499.N1	08-JAN-2011 01:44:59	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	46310	No
29	GOM_TRA_1PNPDE20110108_014736_000000263098_00175_46310_2500.N1	08-JAN-2011 01:47:36	Twilight_stray	26.000	39	85Eta UMa	1.8540	24000.	52	46310	No
30	GOM_TRA_1PNPDE20110108_015206_000000523098_00175_46310_2501.N1	08-JAN-2011 01:52:06	Bright	51.500	180	27Gam Boo	3.0400	8000.0	103	46310	No
31	GOM_TRA_1PNPDE20110108_015608_000000483098_00175_46310_2502.N1	08-JAN-2011 01:56:08	Bright	47.500	83		2.3780	11000.	95	46310	No
32	GOM_TRA_1PNPDE20110108_020136_000000463098_00175_46310_2503.N1	08-JAN-2011 02:01:36	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	46310	No
33	GOM_TRA_1PNPDE20110108_020657_000000483098_00175_46310_2497.N1	08-JAN-2011 02:06:57	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	46310	No
34	GOM_TRA_1PNPDE20110108_020952_000000463098_00175_46310_2498.N1	08-JAN-2011 02:09:52	Twilight_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	46310	No
35	GOM_TRA_1PNPDE20110108_021656_000000553098_00175_46310_2499.N1	08-JAN-2011 02:16:56	Dark	54.500	54	5The Cen	2.0550	4500.0	109	46310	No
36	GOM_TRA_1PNPDE20110108_021928_000000443098_00175_46310_2500.N1	08-JAN-2011 02:19:28	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46310	No
37	GOM_TRA_1PNPDE20110108_022106_000000443098_00176_46311_2501.N1	08-JAN-2011 02:21:06	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46311	No
38	GOM_TRA_1PNPDE20110108_022347_000000443098_00176_46311_2502.N1	08-JAN-2011 02:23:47	Dark	44.000	20	Bet Cru	1.2530	30000.	88	46311	No
39	GOM_TRA_1PNPDE20110108_022926_000000523098_00176_46311_2503.N1	08-JAN-2011 02:29:26	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46311	No
40	GOM_TRA_1PNPDE20110108_023124_000000403098_00176_46311_2504.N1	08-JAN-2011 02:31:24	Dark	40.000	71	lot Car	2.2460	7700.0	80	46311	No
41	GOM_TRA_1PNPDE20110108_023318_000000423098_00176_46311_2505.N1	08-JAN-2011 02:33:18	Dark	41.500	46	Del Vel	1.9540	10600.	83	46311	No
42	GOM_TRA_1PNPDE20110108_023605_000000443098_00176_46311_2506.N1	08-JAN-2011 02:36:05	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46311	No
43	GOM_TRA_1PNPDE20110108_023815_000000473098_00176_46311_2507.N1	08-JAN-2011 02:38:15	Dark	46.500	70	Zet Pup	2.2460	39000.	93	46311	No
44	GOM_TRA_1PNPDE20110108_024006_000000473098_00176_46311_2508.N1	08-JAN-2011 02:40:06	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	46311	No
45	GOM_TRA_1PNPDE20110108_024245_000000463098_00176_46311_2509.N1	08-JAN-2011 02:42:45	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	46311	No
46	GOM_TRA_1PNPDE20110108_024413_000000423098_00176_46311_2510.N1	08-JAN-2011 02:44:13	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46311	No
47	GOM_TRA_1PNPDE20110108_024632_000000483098_00176_46311_2511.N1	08-JAN-2011 02:46:32	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	46311	No
48	GOM_TRA_1PNPDE20110108_025352_000000423098_00176_46311_2512.N1	08-JAN-2011 02:53:52	Twilight_stray	42.000	14	58Alp Ori	0.87000	3000.0	84	46311	No
49	GOM_TRA_1PNPDE20110108_025637_000000453098_00176_46311_2513.N1	08-JAN-2011 02:56:37	Twilight_stray	44.500	44	24Gam Gem	1.9280	11000.	89	46311	No
50	GOM_TRA_1PNPDE20110108_025817_000000433098_00176_46311_2514.N1	08-JAN-2011 02:58:17	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	46311	No
51	GOM_TRA_1PNPDE20110108_030221_000000383098_00176_46311_2515.N1	08-JAN-2011 03:02:21	Bright	37.500	107	37The Aur	2.6490	11000.	75	46311	No
52	GOM_TRA_1PNPDE20110108_030433_000000373098_00176_46311_2516.N1	08-JAN-2011 03:04:33	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	46311	No
53	GOM_TRA_1PNPDE20110108_032108_000000393098_00176_46311_2524.N1	08-JAN-2011 03:21:08	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46311	No
54	GOM_TRA_1PNPDE20110108_032513_000000383098_00176_46311_2525.N1	08-JAN-2011 03:25:13	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46311	No
55	GOM_TRA_1PNPDE20110108_032750_000000263098_00176_46311_2526.N1	08-JAN-2011 03:27:50	Twilight_stray	26.000	39	85Eta UMa	1.8540	24000.	52	46311	No
56	GOM_TRA_1PNPDE20110108_033221_000000683098_00176_46311_2527.N1	08-JAN-2011 03:32:21	Bright	68.000	180	27Gam Boo	3.0400	8000.0	136	46311	No
57	GOM_TRA_1PNPDE20110108_033623_000000693098_00176_46311_2528.N1	08-JAN-2011 03:36:23	Bright	69.000	83		2.3780	11000.	138	46311	No
58	GOM_TRA_1PNPDE20110108_034150_000000393098_00176_46311_2529.N1	08-JAN-2011 03:41:50	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	46311	No
59	GOM_TRA_1PNPDE20110108_034712_000000443098_00176_46311_2530.N1	08-JAN-2011 03:47:12	Bright	43.500	104	27Bet Lib	2.6140	13100.	87	46311	No
60	GOM_TRA_1PNPDE20110108_035007_000000463098_00176_46311_2531.N1	08-JAN-2011 03:50:07	Twilight_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	46311	No
61	GOM_TRA_1PNPDE20110108_035710_000000483098_00176_46311_2532.N1	08-JAN-2011 03:57:10	Dark	47.500	54	5The Cen	2.0550	4500.0	95	46311	No
62	GOM_TRA_1PNPDE20110108_035943_000000423098_00176_46311_2533.N1	08-JAN-2011 03:59:43	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46311	No
63	GOM_TRA_1PNPDE20110108_040121_000000413098_00177_46312_2534.N1	08-JAN-2011 04:01:21	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46312	No
64	GOM_TRA_1PNPDE20110108_040402_000000423098_00177_46312_2535.N1	08-JAN-2011 04:04:02	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46312	No
65	GOM_TRA_1PNPDE20110108_040941_000000473098_00177_46312_2536.N1	08-JAN-2011 04:09:41	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46312	No
66	GOM_TRA_1PNPDE20110108_041139_000000403098_00177_46312_2537.N1	08-JAN-2011 04:11:39	Dark	40.000	71	lot Car	2.2460	7700.0	80	46312	No
67	GOM_TRA_1PNPDE20110108_041332_000000443098_00177_46312_2538.N1	08-JAN-2011 04:13:32	Dark	44.000	46	Del Vel	1.9540	10600.	88	46312	No
68	GOM_TRA_1PNPDE20110108_041619_000000463098_00177_46312_2539.N1	08-JAN-2011 04:16:19	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46312	No
69	GOM_TRA_1PNPDE20110108_041829_000000483098_00177_46312_2540.N1	08-JAN-2011 04:18:29	Dark	48.000	70	Zet Pup	2.2460	39000.	96	46312	No
70	GOM_TRA_1PNPDE20110108_042020_000000493098_00177_46312_2541.N1	08-JAN-2011 04:20:20	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	46312	No
71	GOM_TRA_1PNPDE20110108_042259_000000433098_00177_46312_2542.N1	08-JAN-2011 04:22:59	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	46312	No

72	GOM_TRA_1PNPDE20110108_042427_000000443098_00177_46312_2543.N1	08-JAN-2011 04:24:27	Straylight	43.500	179	24Omi2CMa	3.0320	24000.	87	46312	No
73	GOM_TRA_1PNPDE20110108_042646_000000483098_00177_46312_2544.N1	08-JAN-2011 04:26:46	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	46312	No
74	GOM_TRA_1PNPDE20110108_043501_000000523098_00177_46312_2545.N1	08-JAN-2011 04:35:01	Tw_i_and_stray	51.500	153	3Bet CMi	2.8940	13100.	103	46312	No
75	GOM_TRA_1PNPDE20110108_043651_000000513098_00177_46312_2546.N1	08-JAN-2011 04:36:51	Tw_i_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	46312	No
76	GOM_TRA_1PNPDE20110108_043831_000000443098_00177_46312_2547.N1	08-JAN-2011 04:38:31	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	46312	No
77	GOM_TRA_1PNPDE20110108_044235_000000383098_00177_46312_2548.N1	08-JAN-2011 04:42:35	Bright	37.500	107	37The Aur	2.6490	11000.	75	46312	No
78	GOM_TRA_1PNPDE20110108_044448_000000463098_00177_46312_2549.N1	08-JAN-2011 04:44:48	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	46312	No
79	GOM_TRA_1PNPDE20110108_050122_000000363098_00177_46312_2544.N1	08-JAN-2011 05:01:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46312	Yes
80	GOM_TRA_1PNPDE20110108_050527_000000383098_00177_46312_2545.N1	08-JAN-2011 05:05:27	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46312	No
81	GOM_TRA_1PNPDE20110108_051235_000000683098_00177_46312_2546.N1	08-JAN-2011 05:12:35	Bright	68.000	180	27Gam Boo	3.0400	8000.0	136	46312	No
82	GOM_TRA_1PNPDE20110108_051637_000000693098_00177_46312_2547.N1	08-JAN-2011 05:16:37	Bright	69.000	83		2.3780	11000.	138	46312	No
83	GOM_TRA_1PNPDE20110108_052205_000000573098_00177_46312_2548.N1	08-JAN-2011 05:22:05	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46312	No
84	GOM_TRA_1PNPDE20110108_052727_000000483098_00177_46312_2549.N1	08-JAN-2011 05:27:27	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	46312	No
85	GOM_TRA_1PNPDE20110108_053022_000000473098_00177_46312_2550.N1	08-JAN-2011 05:30:22	Tw_i_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	46312	No
86	GOM_TRA_1PNPDE20110108_053726_000000593098_00177_46312_2551.N1	08-JAN-2011 05:37:26	Dark	58.500	54	5The Cen	2.0550	4500.0	117	46312	No
87	GOM_TRA_1PNPDE20110108_053958_000000423098_00177_46312_2552.N1	08-JAN-2011 05:39:58	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46312	No
88	GOM_TRA_1PNPDE20110108_054136_000000423098_00178_46313_2553.N1	08-JAN-2011 05:41:36	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46313	No
89	GOM_TRA_1PNPDE20110108_054417_000000423098_00178_46313_2554.N1	08-JAN-2011 05:44:17	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46313	No
90	GOM_TRA_1PNPDE20110108_054956_000000473098_00178_46313_2555.N1	08-JAN-2011 05:49:56	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46313	No
91	GOM_TRA_1PNPDE20110108_055154_000000423098_00178_46313_2556.N1	08-JAN-2011 05:51:54	Dark	41.500	71	Iot Car	2.2460	7700.0	83	46313	No
92	GOM_TRA_1PNPDE20110108_055347_000000453098_00178_46313_2557.N1	08-JAN-2011 05:53:47	Dark	44.500	46	Del Vel	1.9540	10600.	89	46313	No
93	GOM_TRA_1PNPDE20110108_055634_000000483098_00178_46313_2558.N1	08-JAN-2011 05:56:34	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	46313	No
94	GOM_TRA_1PNPDE20110108_055844_000000463098_00178_46313_2559.N1	08-JAN-2011 05:58:44	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46313	No
95	GOM_TRA_1PNPDE20110108_060035_000000473098_00178_46313_2560.N1	08-JAN-2011 06:00:35	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	46313	No
96	GOM_TRA_1PNPDE20110108_060314_000000473098_00178_46313_2561.N1	08-JAN-2011 06:03:14	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	46313	No
97	GOM_TRA_1PNPDE20110108_060441_000000443098_00178_46313_2562.N1	08-JAN-2011 06:04:41	Straylight	43.500	179	24Omi2CMa	3.0320	24000.	87	46313	No
98	GOM_TRA_1PNPDE20110108_060700_000000513098_00178_46313_2563.N1	08-JAN-2011 06:07:00	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	46313	No
99	GOM_TRA_1PNPDE20110108_061515_000000493098_00178_46313_2564.N1	08-JAN-2011 06:15:15	Tw_i_and_stray	49.000	153	3Bet CMi	2.8940	13100.	98	46313	No
100	GOM_TRA_1PNPDE20110108_061704_000000453098_00178_46313_2565.N1	08-JAN-2011 06:17:04	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	46313	No
101	GOM_TRA_1PNPDE20110108_061845_000000563098_00178_46313_2566.N1	08-JAN-2011 06:18:45	Bright	56.000	151	13Mu Gem	2.8900	3000.0	112	46313	No
102	GOM_TRA_1PNPDE20110108_062249_000000383098_00178_46313_2567.N1	08-JAN-2011 06:22:49	Bright	38.000	107	37The Aur	2.6490	11000.	76	46313	No
103	GOM_TRA_1PNPDE20110108_062502_000000373098_00178_46313_2568.N1	08-JAN-2011 06:25:02	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46313	No
104	GOM_TRA_1PNPDE20110108_064136_000000223098_00178_46313_2569.N1	08-JAN-2011 06:41:36	Tw_i_and_stray	22.000	60	7Bet UMi	2.0810	3950.0	44	46313	No
105	GOM_TRA_1PNPDE20110108_205844_000000473098_00187_46322_2656.N1	08-JAN-2011 20:58:44	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	46322	No
106	GOM_TRA_1PNPDE20110108_210054_000000433098_00187_46322_2657.N1	08-JAN-2011 21:00:54	Dark	42.500	70	Zet Pup	2.2460	39000.	85	46322	No
107	GOM_TRA_1PNPDE20110108_210243_000000483098_00187_46322_2658.N1	08-JAN-2011 21:02:43	Straylight	47.500	117	Pi Pup	2.7060	3800.0	95	46322	No
108	GOM_TRA_1PNPDE20110108_210522_000000463098_00187_46322_2659.N1	08-JAN-2011 21:05:22	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	46322	No
109	GOM_TRA_1PNPDE20110108_210649_000000433098_00187_46322_2660.N1	08-JAN-2011 21:06:49	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	46322	No
110	GOM_TRA_1PNPDE20110108_210907_000000493098_00187_46322_2661.N1	08-JAN-2011 21:09:07	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	46322	No
111	GOM_TRA_1PNPDE20110108_211628_000000573098_00187_46322_2662.N1	08-JAN-2011 21:16:28	Tw_i_and_stray	57.000	8	10Alp CMi	0.40000	6500.0	114	46322	No
112	GOM_TRA_1PNPDE20110108_211909_000000423098_00187_46322_2663.N1	08-JAN-2011 21:19:09	Tw_i_and_stray	41.500	44	24Gam Gem	1.9280	11000.	83	46322	No
113	GOM_TRA_1PNPDE20110108_212050_000000563098_00187_46322_2664.N1	08-JAN-2011 21:20:50	Bright	56.000	151	13Mu Gem	2.8900	3000.0	112	46322	No
114	GOM_TRA_1PNPDE20110108_212454_000000373098_00187_46322_2665.N1	08-JAN-2011 21:24:54	Bright	37.000	107	37The Aur	2.6490	11000.	74	46322	No
115	GOM_TRA_1PNPDE20110108_212706_000000363098_00187_46322_2666.N1	08-JAN-2011 21:27:06	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	46322	No
116	GOM_TRA_1PNPDE20110108_214341_000000353098_00187_46322_2667.N1	08-JAN-2011 21:43:41	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	46322	No
117	GOM_TRA_1PNPDE20110108_214747_000000383098_00187_46322_2668.N1	08-JAN-2011 21:47:47	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46322	No
118	GOM_TRA_1PNPDE20110108_215455_000000693098_00187_46322_2669.N1	08-JAN-2011 21:54:55	Bright	69.000	180	27Gam Boo	3.0400	8000.0	138	46322	No
119	GOM_TRA_1PNPDE20110108_215900_000000493098_00187_46322_2670.N1	08-JAN-2011 21:59:00	Bright	48.500	83		2.3780	11000.	97	46322	No
120	GOM_TRA_1PNPDE20110108_220429_000000583098_00187_46322_2671.N1	08-JAN-2011 22:04:29	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46322	No
121	GOM_TRA_1PNPDE20110108_220953_000000463098_00187_46322_2682.N1	08-JAN-2011 22:09:53	Tw_i_and_stray	46.000	104	27Bet Lib	2.6140	13100.	92	46322	No
122	GOM_TRA_1PNPDE20110108_221250_000000483098_00187_46322_2683.N1	08-JAN-2011 22:12:50	Tw_i_and_stray	47.500	122	9Alp2Lib	2.7470	9700.0	95	46322	No
123	GOM_TRA_1PNPDE20110108_221908_000000393098_00187_46322_2684.N1	08-JAN-2011 22:19:08	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46322	No
124	GOM_TRA_1PNPDE20110108_222038_000000403098_00187_46322_2685.N1	08-JAN-2011 22:20:38	Dark	40.000	78	Alp Lup	2.3040	28000.	80	46322	No
125	GOM_TRA_1PNPDE20110108_222225_000000433098_00187_46322_2686.N1	08-JAN-2011 22:22:25	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46322	No
126	GOM_TRA_1PNPDE20110108_222402_000000433098_00188_46323_2687.N1	08-JAN-2011 22:24:02	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46323	No
127	GOM_TRA_1PNPDE20110108_222643_000000453098_00188_46323_2688.N1	08-JAN-2011 22:26:43	Dark	44.500	20	Bet Cru	1.2530	30000.	89	46323	No
128	GOM_TRA_1PNPDE20110108_223225_000000483098_00188_46323_2689.N1	08-JAN-2011 22:32:25	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46323	No
129	GOM_TRA_1PNPDE20110108_223419_000000483098_00188_46323_2690.N1	08-JAN-2011 22:34:19	Dark	48.000	71	Iot Car	2.2460	7700.0	96	46323	No
130	GOM_TRA_1PNPDE20110108_223612_000000443098_00188_46323_2691.N1	08-JAN-2011 22:36:12	Dark	43.500	46	Del Vel	1.9540	10600.	87	46323	No

131	GOM_TRA_1PNPDE20110108_223858_000000443098_00188_46323_2692.N1	08-JAN-2011 22:38:58	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46323	No
132	GOM_TRA_1PNPDE20110108_224108_000000463098_00188_46323_2693.N1	08-JAN-2011 22:41:08	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46323	No
133	GOM_TRA_1PNPDE20110108_224258_000000473098_00188_46323_2694.N1	08-JAN-2011 22:42:58	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	46323	No
134	GOM_TRA_1PNPDE20110108_224536_000000453098_00188_46323_2695.N1	08-JAN-2011 22:45:36	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46323	No
135	GOM_TRA_1PNPDE20110108_224703_000000423098_00188_46323_2696.N1	08-JAN-2011 22:47:03	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46323	No
136	GOM_TRA_1PNPDE20110108_224921_000000563098_00188_46323_2697.N1	08-JAN-2011 22:49:21	Straylight	56.000	1	9Alp CMa	-1.4400	11000.	112	46323	No
137	GOM_TRA_1PNPDE20110108_225642_000000573098_00188_46323_2698.N1	08-JAN-2011 22:56:42	Twilight_stray	57.000	8	10Alp CMi	0.40000	6500.0	114	46323	No
138	GOM_TRA_1PNPDE20110108_225923_000000423098_00188_46323_2699.N1	08-JAN-2011 22:59:23	Twilight_stray	42.000	44	24Gam Gem	1.9280	11000.	84	46323	No
139	GOM_TRA_1PNPDE20110108_230104_000000433098_00188_46323_2700.N1	08-JAN-2011 23:01:04	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	46323	No
140	GOM_TRA_1PNPDE20110108_230508_000000383098_00188_46323_2701.N1	08-JAN-2011 23:05:08	Bright	37.500	107	37The Aur	2.6490	11000.	75	46323	No
141	GOM_TRA_1PNPDE20110108_230720_000000373098_00188_46323_2702.N1	08-JAN-2011 23:07:20	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46323	No
142	GOM_TRA_1PNPDE20110108_232355_000000383098_00188_46323_2703.N1	08-JAN-2011 23:23:55	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46323	No
143	GOM_TRA_1PNPDE20110108_232801_000000543098_00188_46323_2704.N1	08-JAN-2011 23:28:01	Bright	54.000	119	14Eta Dra	2.7270	4700.0	108	46323	No
144	GOM_TRA_1PNPDE20110108_233509_000000463098_00188_46323_2705.N1	08-JAN-2011 23:35:09	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	46323	No
145	GOM_TRA_1PNPDE20110108_233914_000000703098_00188_46323_2706.N1	08-JAN-2011 23:39:14	Bright	70.000	83		2.3780	11000.	140	46323	No
146	GOM_TRA_1PNPDE20110108_234443_000000583098_00188_46323_2707.N1	08-JAN-2011 23:44:43	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46323	No
147	GOM_TRA_1PNPDE20110108_235008_000000463098_00188_46323_2708.N1	08-JAN-2011 23:50:08	Twilight_stray	46.000	104	27Bet Lib	2.6140	13100.	92	46323	No
148	GOM_TRA_1PNPDE20110108_235304_000000493098_00188_46323_2705.N1	08-JAN-2011 23:53:04	Twilight_stray	49.000	122	9Alp2Lib	2.7470	9700.0	98	46323	No
149	GOM_TRA_1PNPDE20110108_235923_000000403098_00188_46323_2706.N1	08-JAN-2011 23:59:23	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46323	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

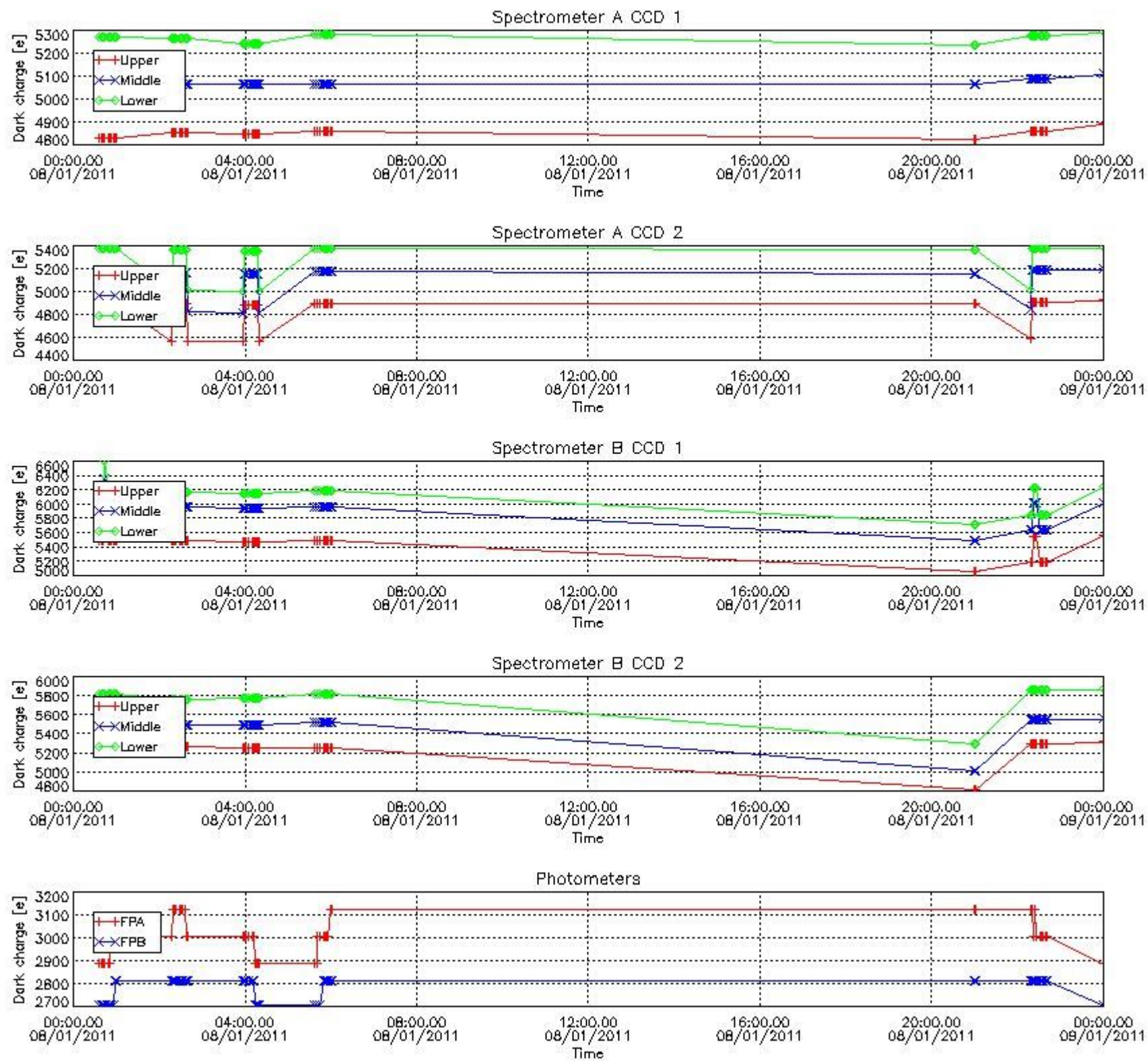
from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative 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_1PNPDE20110108_205844_000000473098_00187_46322_2656.N1	DC map used
GOM_TRA_1PNPDE20110108_210054_000000433098_00187_46322_2657.N1	DC map used
GOM_TRA_1PNPDE20110108_210243_000000483098_00187_46322_2658.N1	DC map used
GOM_TRA_1PNPDE20110108_210522_000000463098_00187_46322_2659.N1	DC map used
GOM_TRA_1PNPDE20110108_210649_000000433098_00187_46322_2660.N1	DC map used
GOM_TRA_1PNPDE20110108_210907_000000493098_00187_46322_2661.N1	DC map used
GOM_TRA_1PNPDE20110108_211628_000000573098_00187_46322_2662.N1	DC map used
GOM_TRA_1PNPDE20110108_211909_000000423098_00187_46322_2663.N1	DC map used
GOM_TRA_1PNPDE20110108_212050_000000563098_00187_46322_2664.N1	DC map used
GOM_TRA_1PNPDE20110108_212454_000000373098_00187_46322_2665.N1	DC map used
GOM_TRA_1PNPDE20110108_212706_000000363098_00187_46322_2666.N1	DC map used
GOM_TRA_1PNPDE20110108_214341_000000353098_00187_46322_2667.N1	DC map used
GOM_TRA_1PNPDE20110108_214747_000000383098_00187_46322_2668.N1	DC map used
GOM_TRA_1PNPDE20110108_215455_000000693098_00187_46322_2669.N1	DC map used
GOM_TRA_1PNPDE20110108_215900_000000493098_00187_46322_2670.N1	DC map used
GOM_TRA_1PNPDE20110108_220429_000000583098_00187_46322_2671.N1	DC map used

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



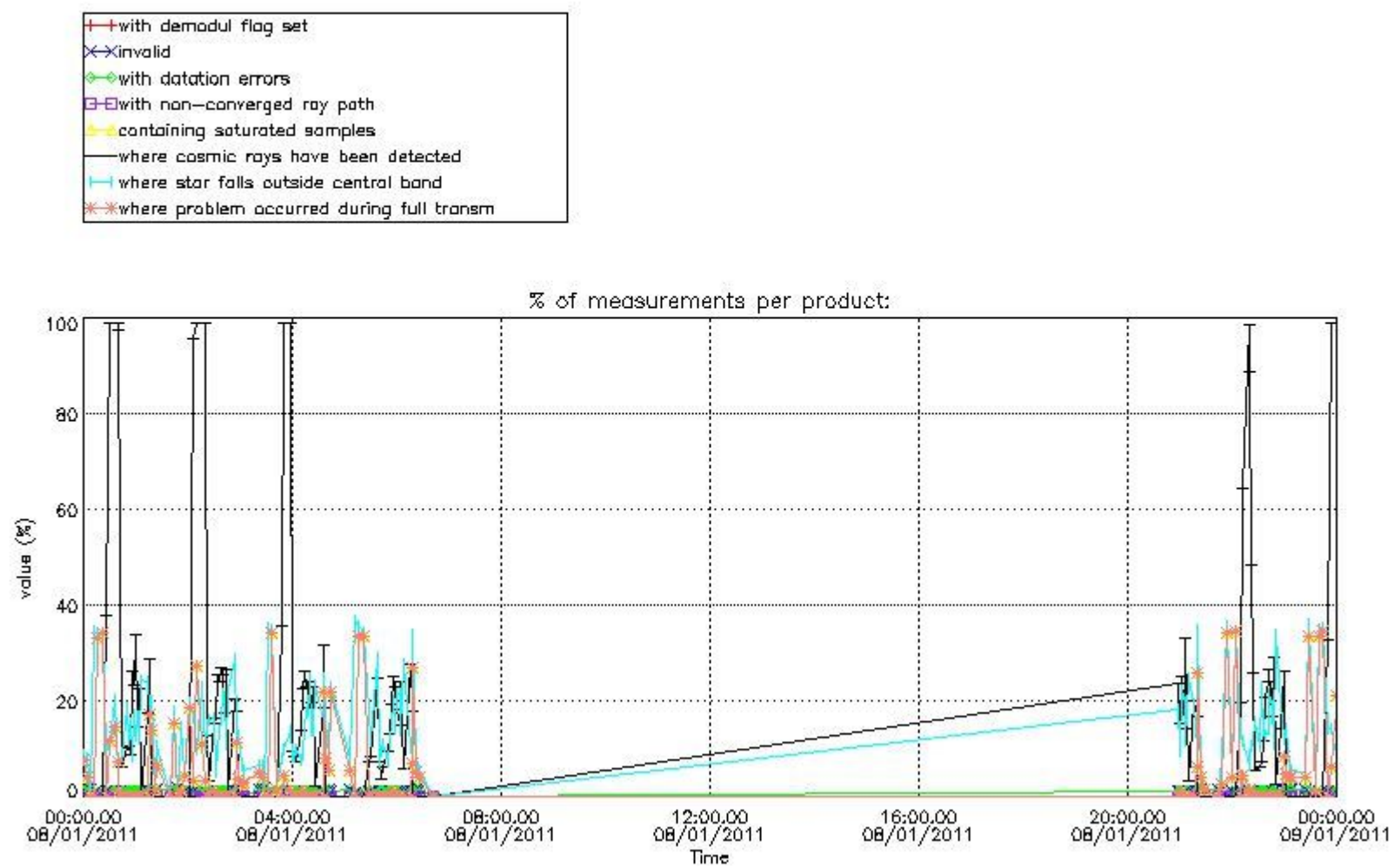
5. Demodulation flag and quality information monitoring

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.

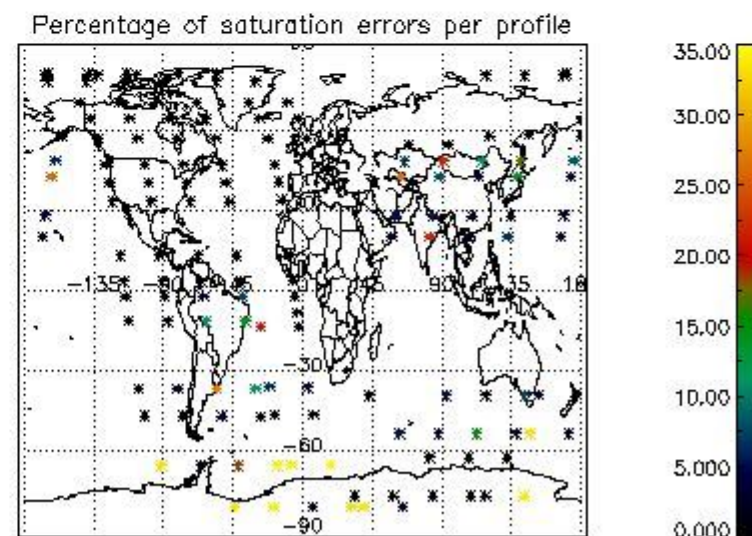
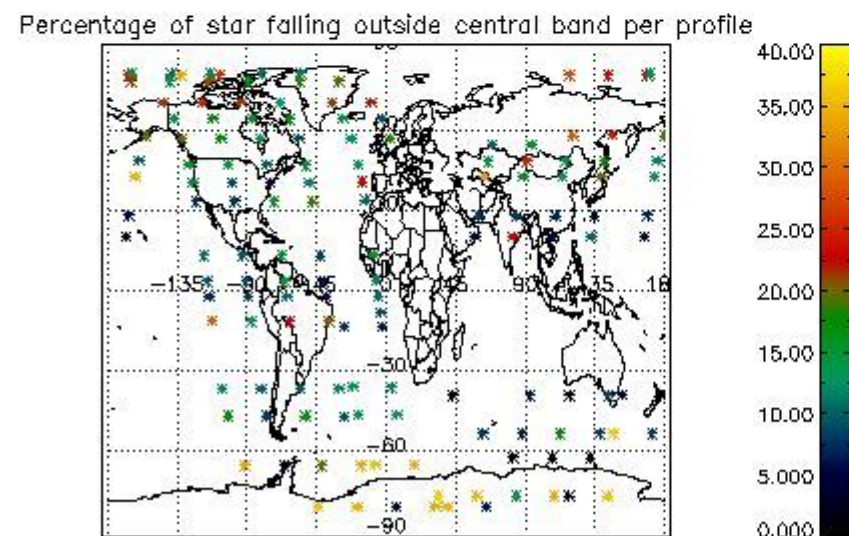
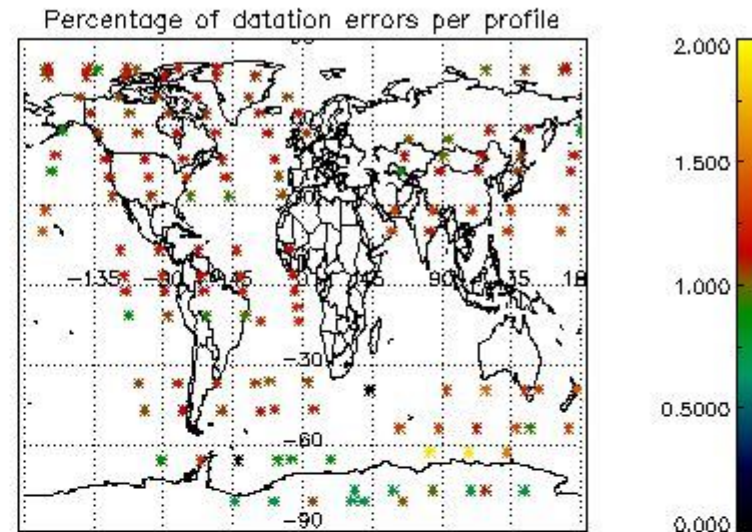
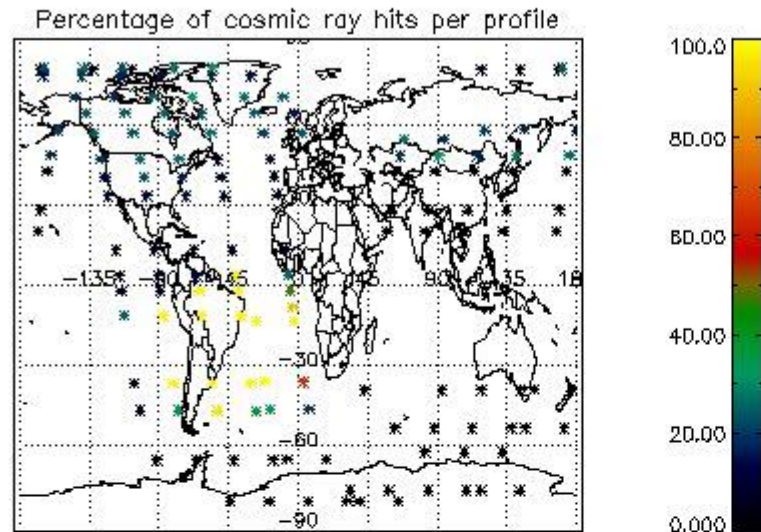
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	57.4324 %
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)



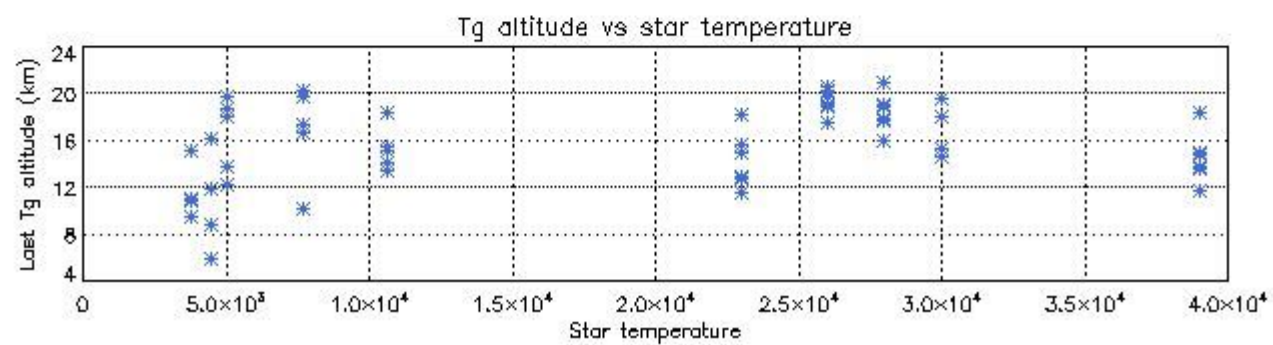
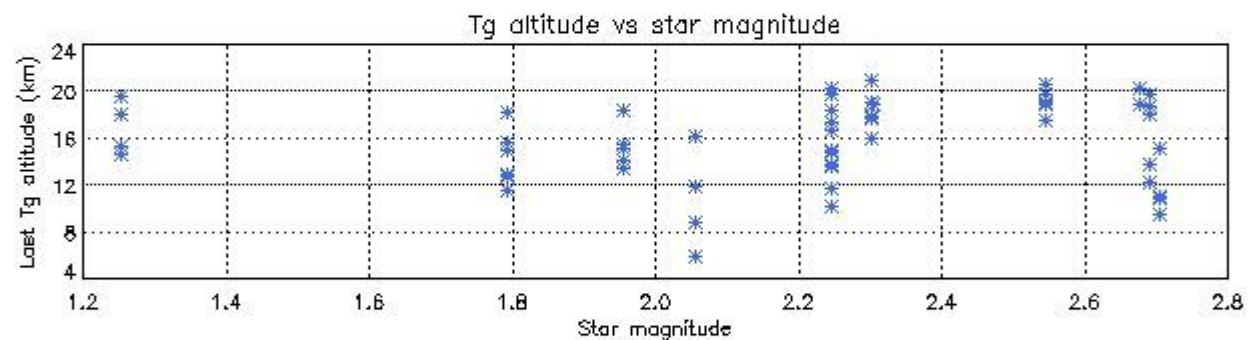
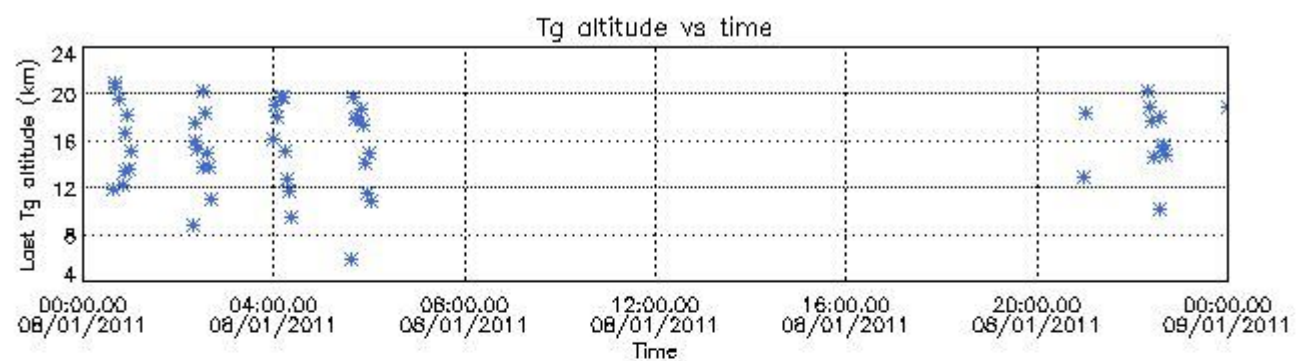
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.762	14.613	NaN
St. deviation:	3.4731	7.8396	NaN
Maximum:	20.998	30.447	NaN
Minimum:	5.8954	3.3972	NaN
Number of data:	53.000	51.000	NaN

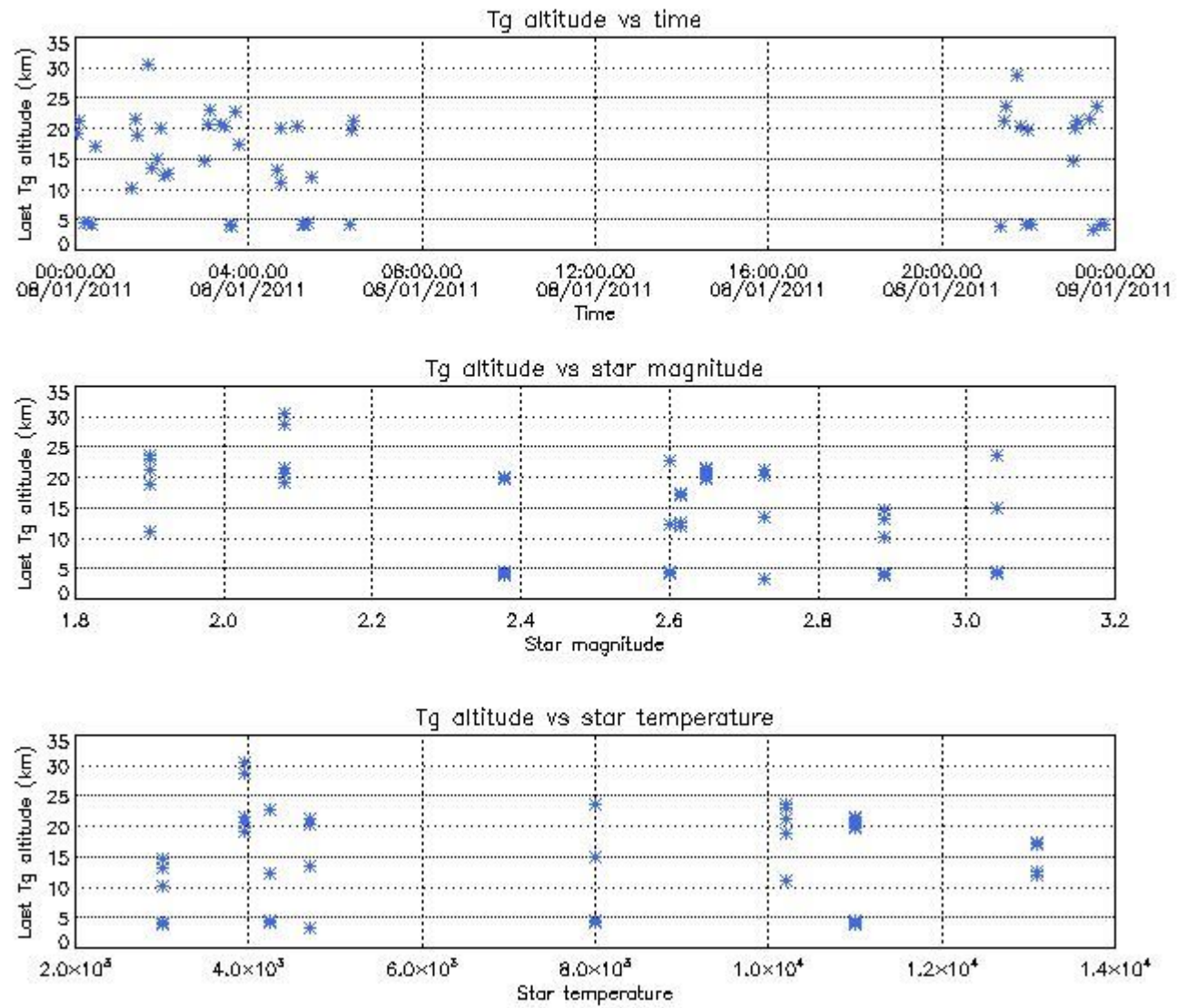
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

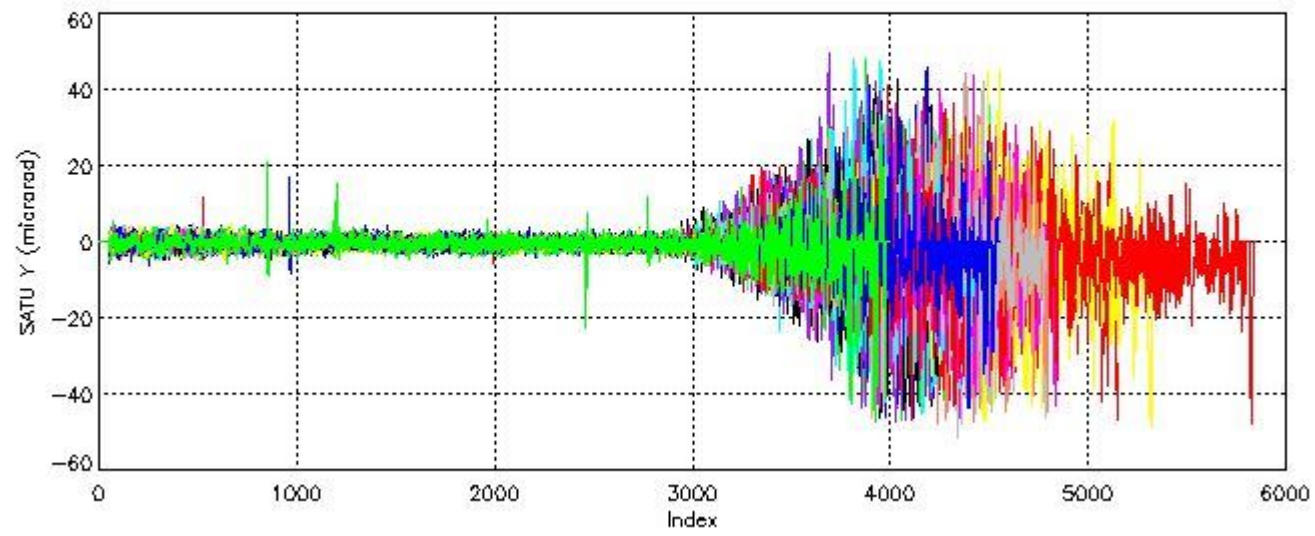
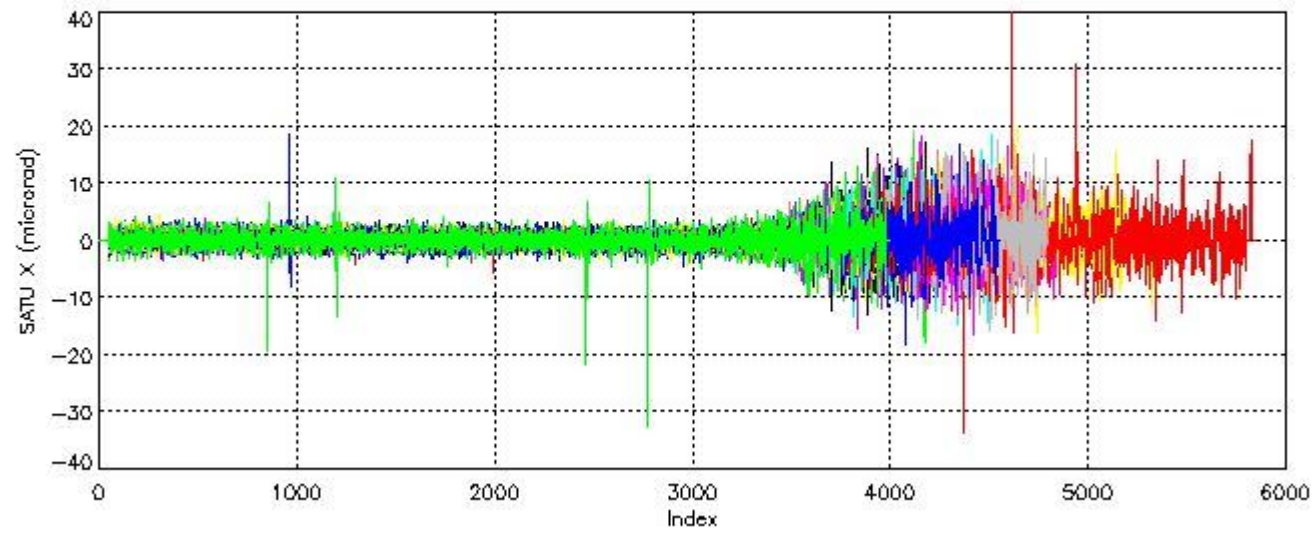


7. Star Acquisition and Tracking Unit (SATU)

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:	0.17743	-0.39351	0.11872	-0.38266
St. deviation:	0.64678	1.1028	0.75987	1.0611
Maximum:	18.500	21.200	6.0000	5.4000
Minimum:	-19.200	-8.7000	-5.9000	-6.5000

Number of data:	53600.	53600.	48800.	48800.
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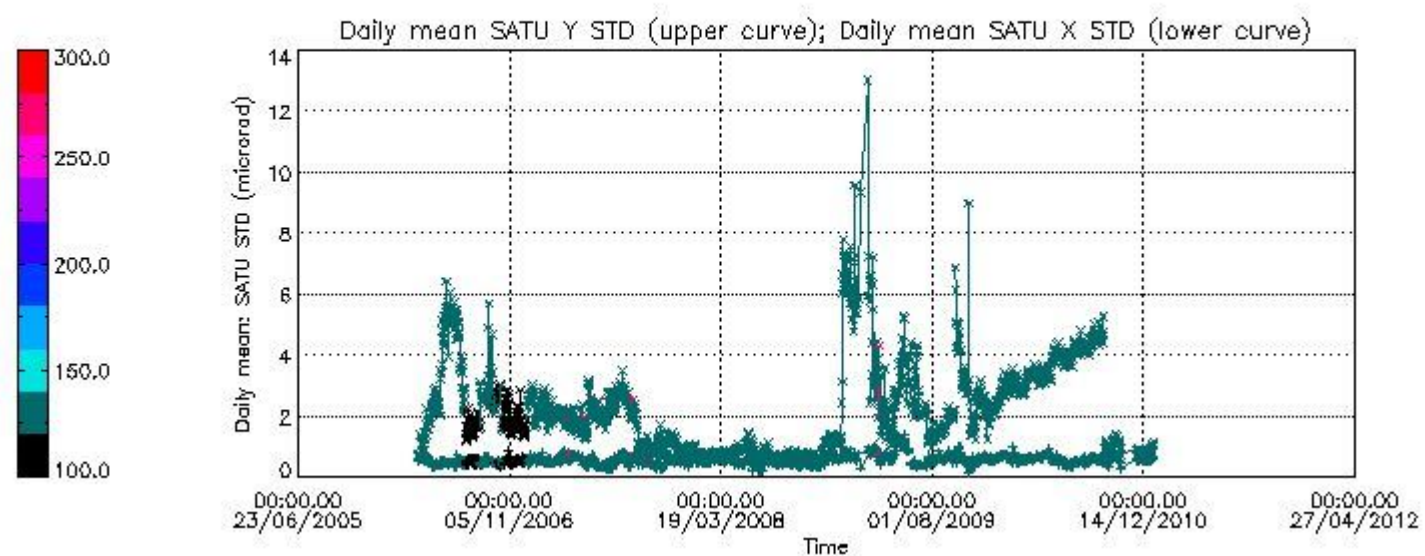
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

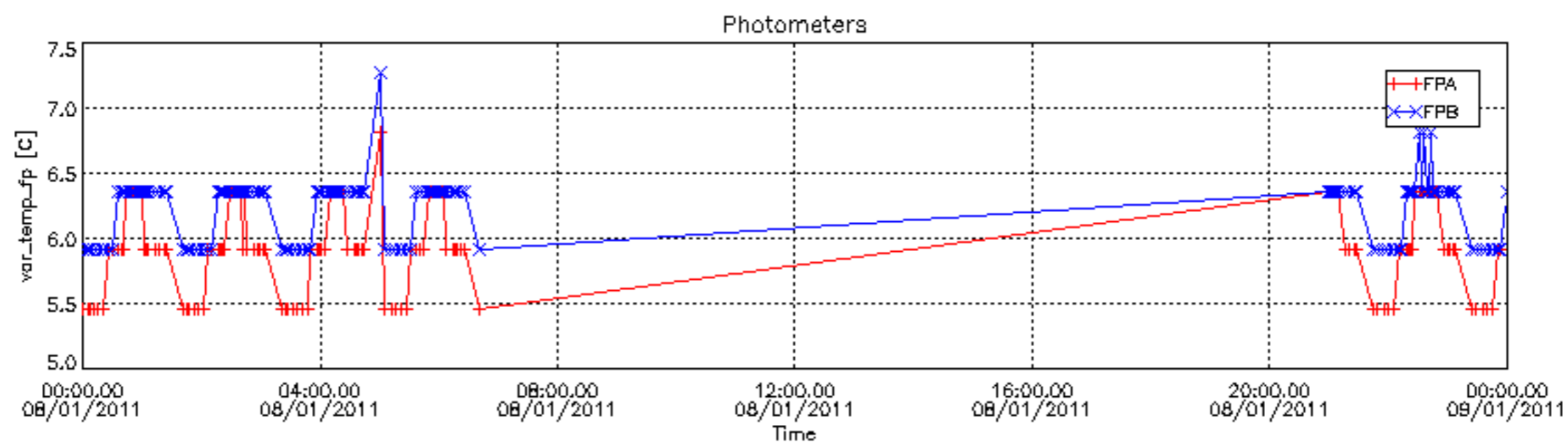
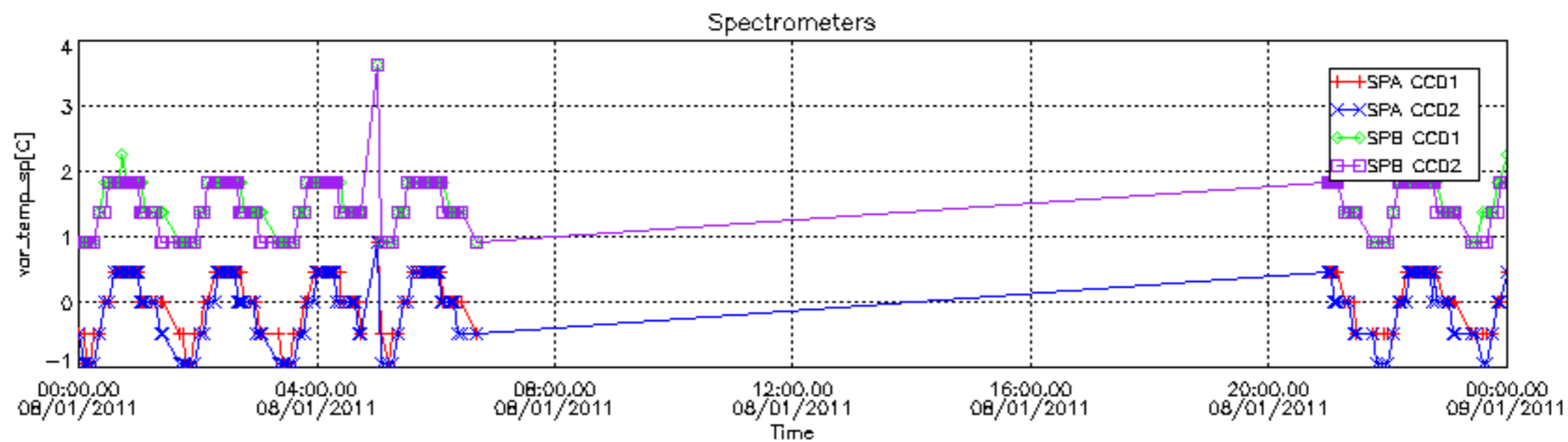
Lower curve: STD of SATU X axis

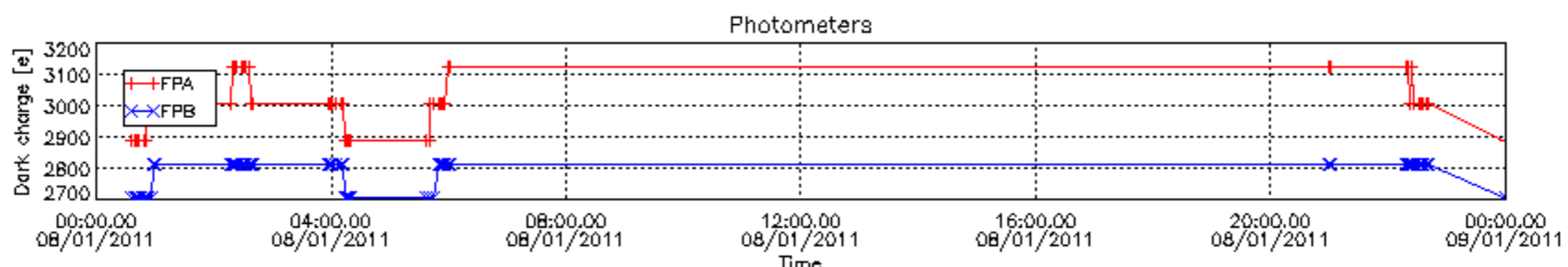
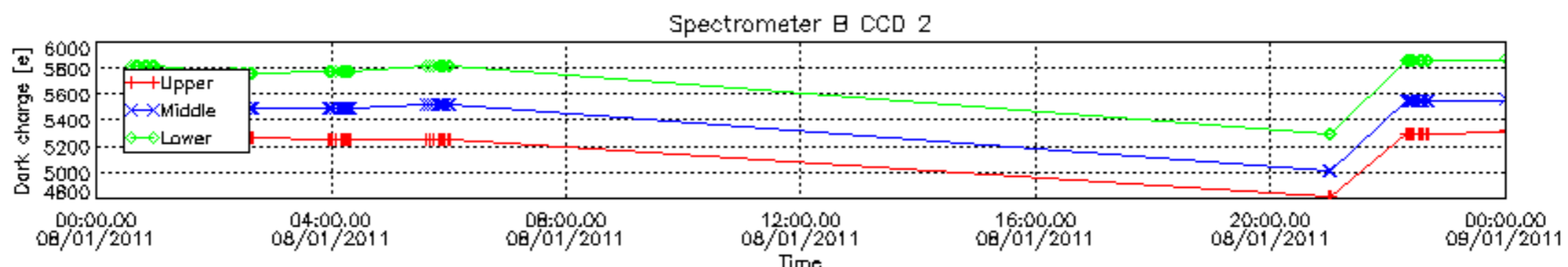
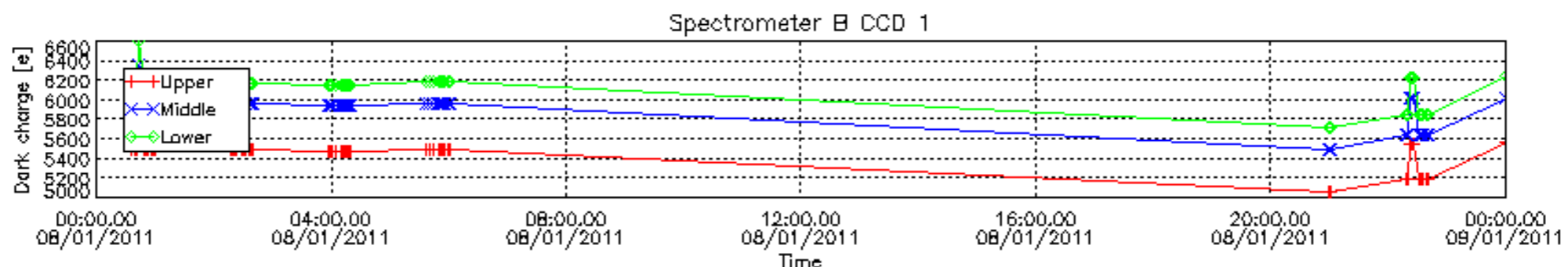
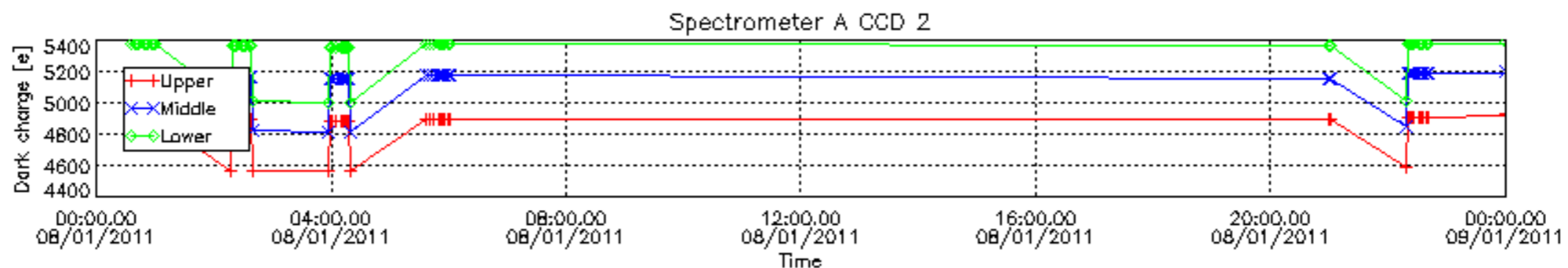
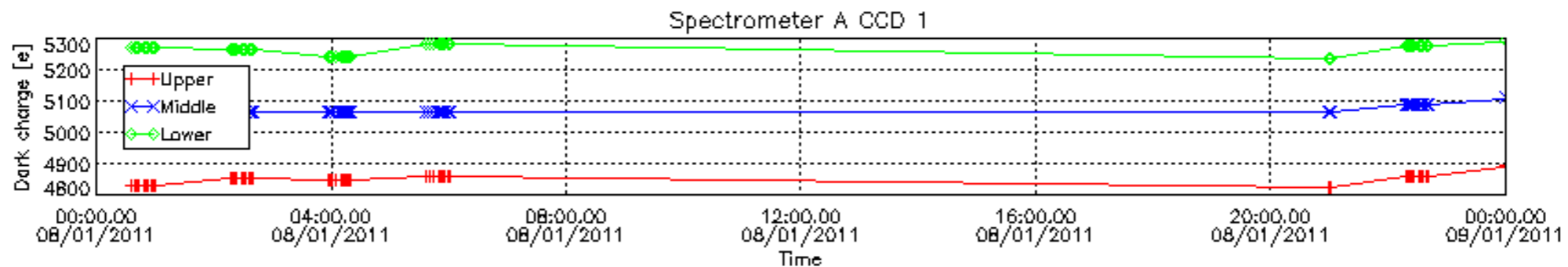


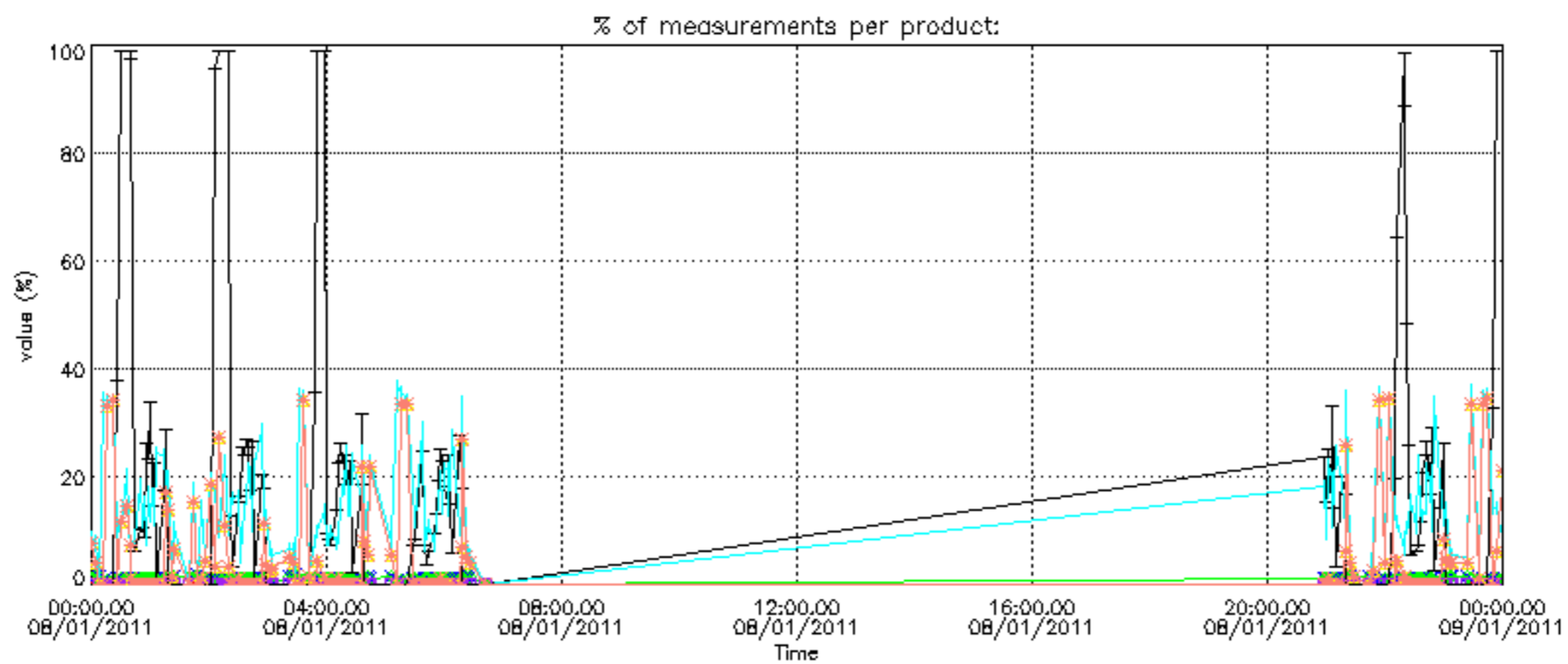
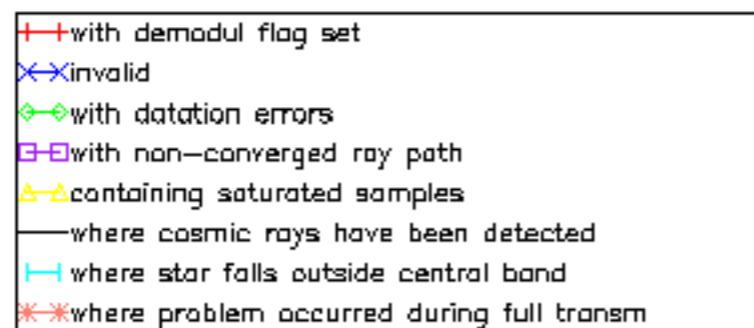
8. Auxiliary Data Files used for the production reported in section 2.4

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.

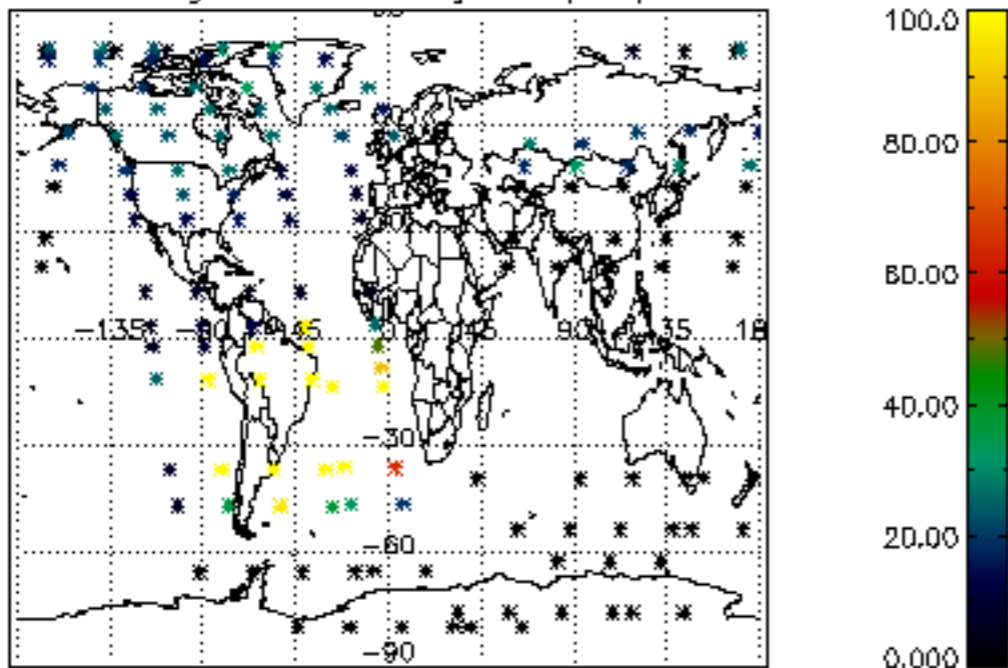
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-JAN-2011 00:00:40
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101227_083101_20101226_000000_20500101_000000	1	08-JAN-2011 00:00:40
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	08-JAN-2011 00:00:40
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	08-JAN-2011 00:00:40
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	08-JAN-2011 00:00:40
ECMWF_FILE	AUX_ECF_AXNECM20110107_054113_20110107_210000_20110108_090000	1	08-JAN-2011 00:00:40
ECMWF_FILE	AUX_ECF_AXNECM20110107_172114_20110108_030000_20110108_150000	53	08-JAN-2011 03:21:08
ECMWF_FILE	AUX_ECF_AXNECM20110108_054113_20110108_150000_20110109_030000	105	08-JAN-2011 20:58:44
ECMWF_FILE	AUX_ECF_AXNECM20110108_054113_20110108_210000_20110109_090000	121	08-JAN-2011 22:09:53
OPTIONAL_ECMWF_FILE	MISSING	1	08-JAN-2011 00:00:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110107_224514_000057383098_00173_46308_2285.N1	1	08-JAN-2011 00:00:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110108_002611_000054193098_00174_46309_2286.N1	8	08-JAN-2011 00:29:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110108_020150_000041443098_00175_46310_2287.N1	33	08-JAN-2011 02:06:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110108_031613_000057383098_00176_46311_2288.N1	53	08-JAN-2011 03:21:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110108_045710_000057383098_00177_46312_2289.N1	79	08-JAN-2011 05:01:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110108_205332_000041443098_00187_46322_2290.N1	105	08-JAN-2011 20:58:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110108_220755_000057383098_00187_46322_2291.N1	121	08-JAN-2011 22:09:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110108_234852_000057383098_00188_46323_2292.N1	148	08-JAN-2011 23:53:04



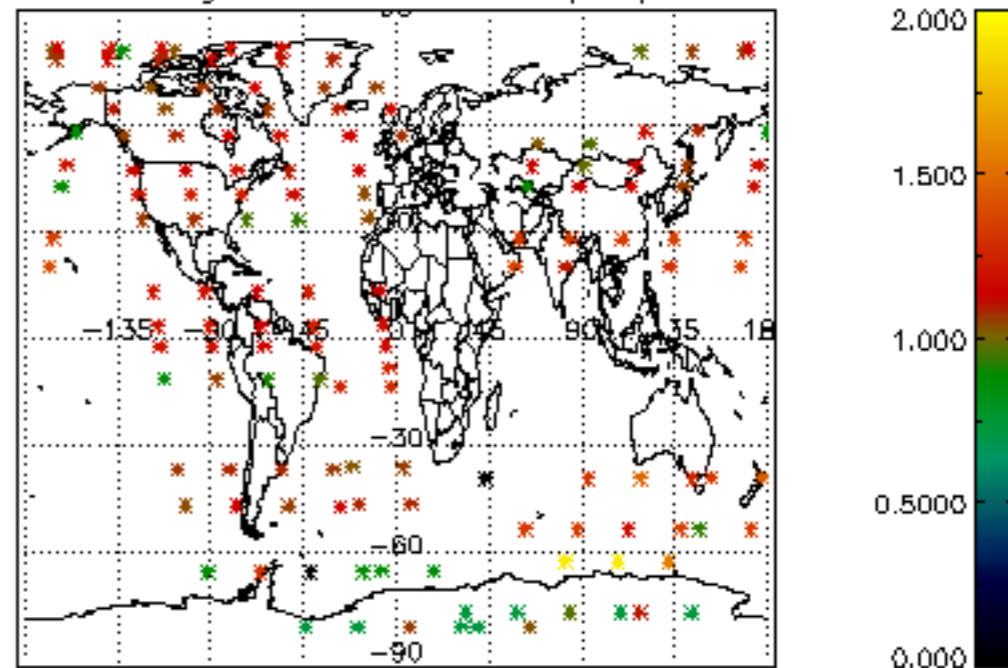




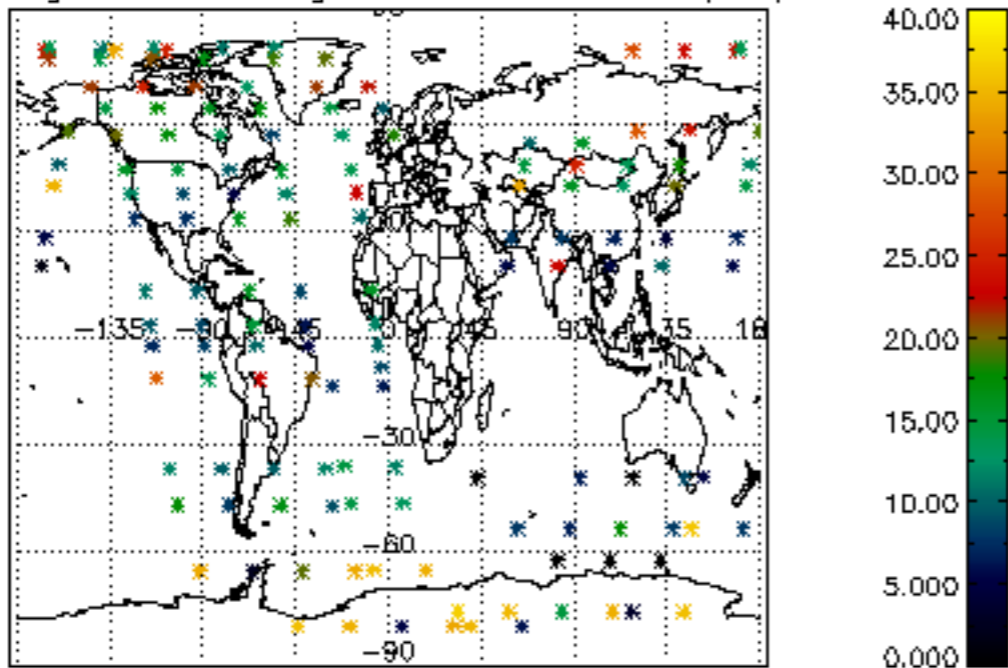
Percentage of cosmic ray hits per profile



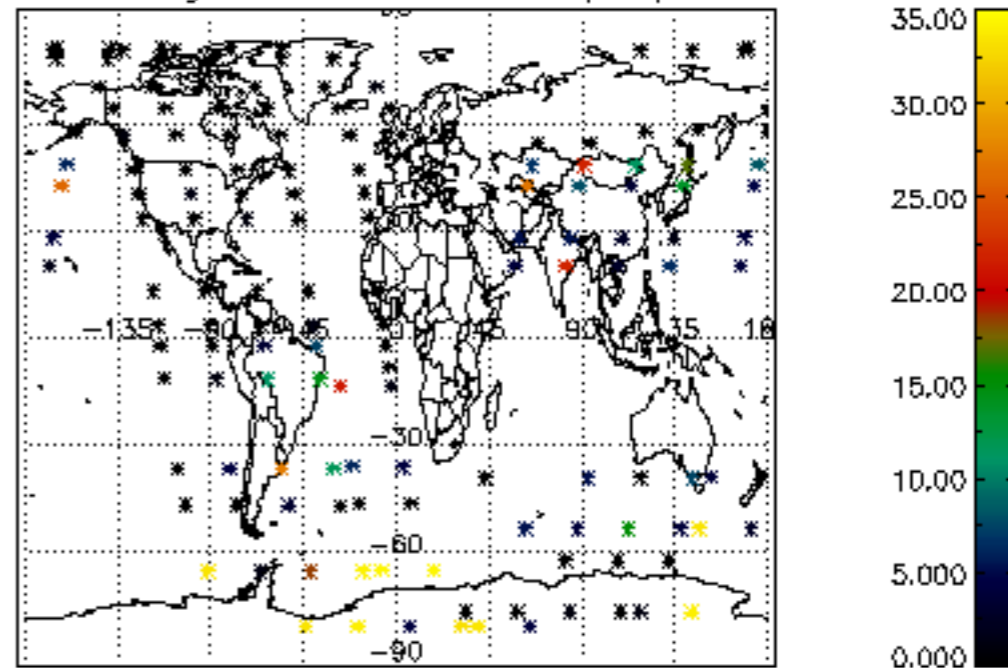
Percentage of datation errors per profile



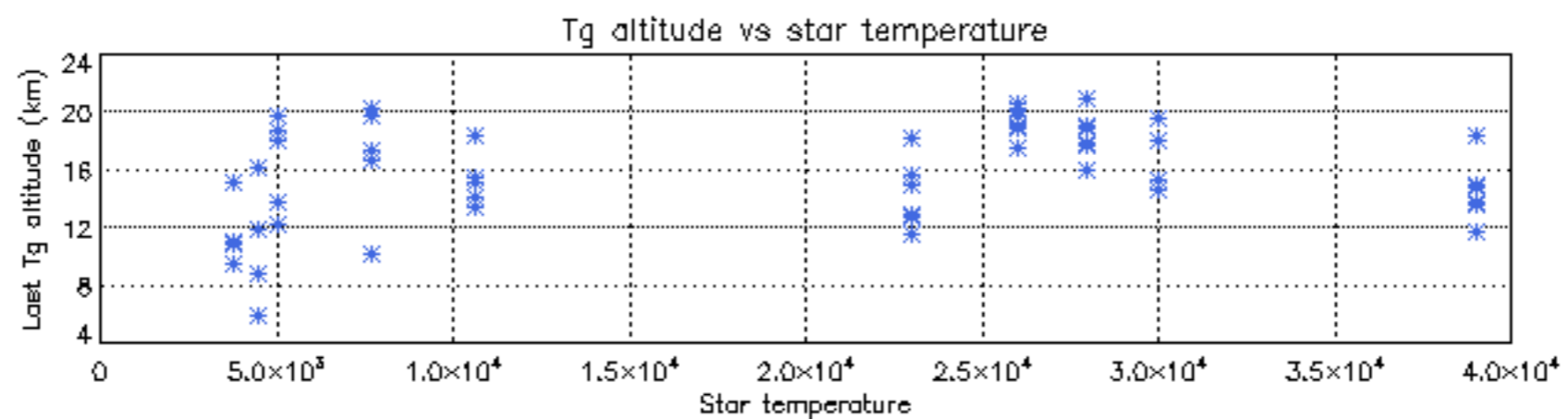
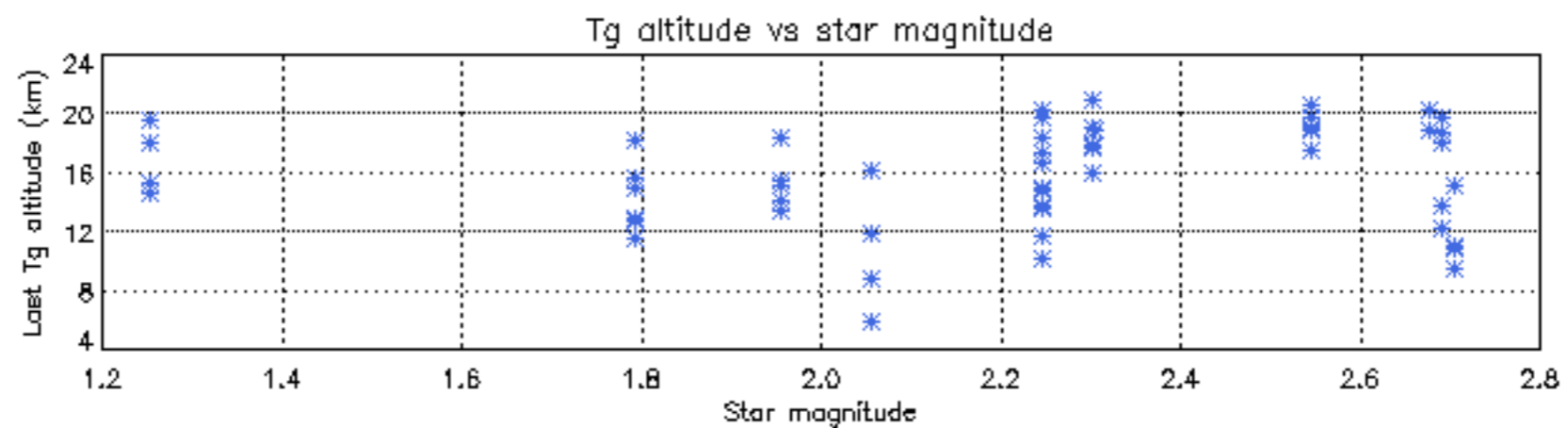
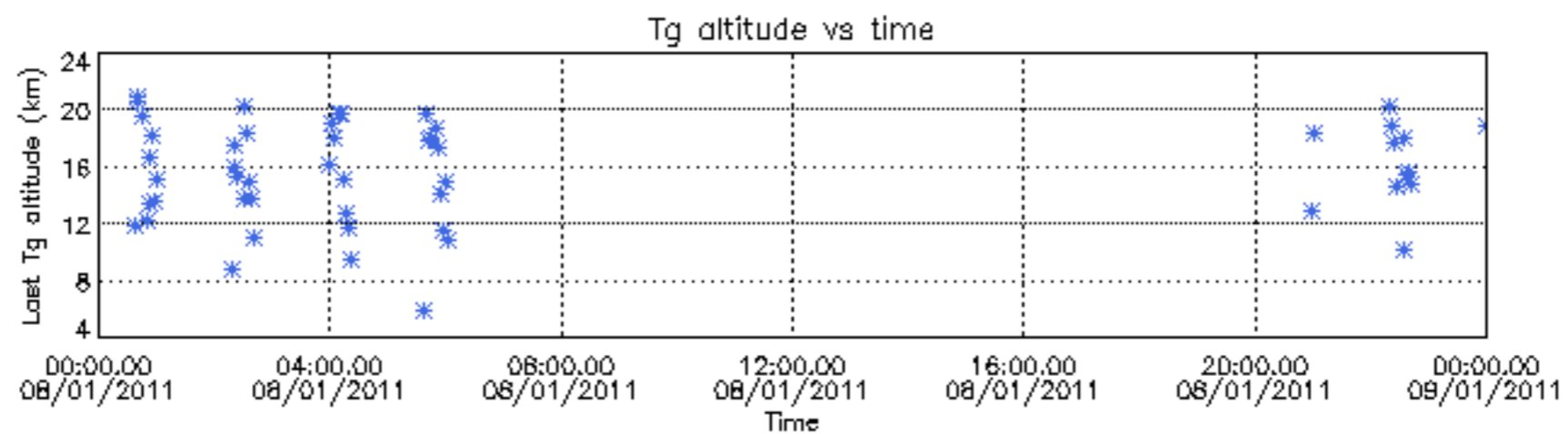
Percentage of star falling outside central band per profile



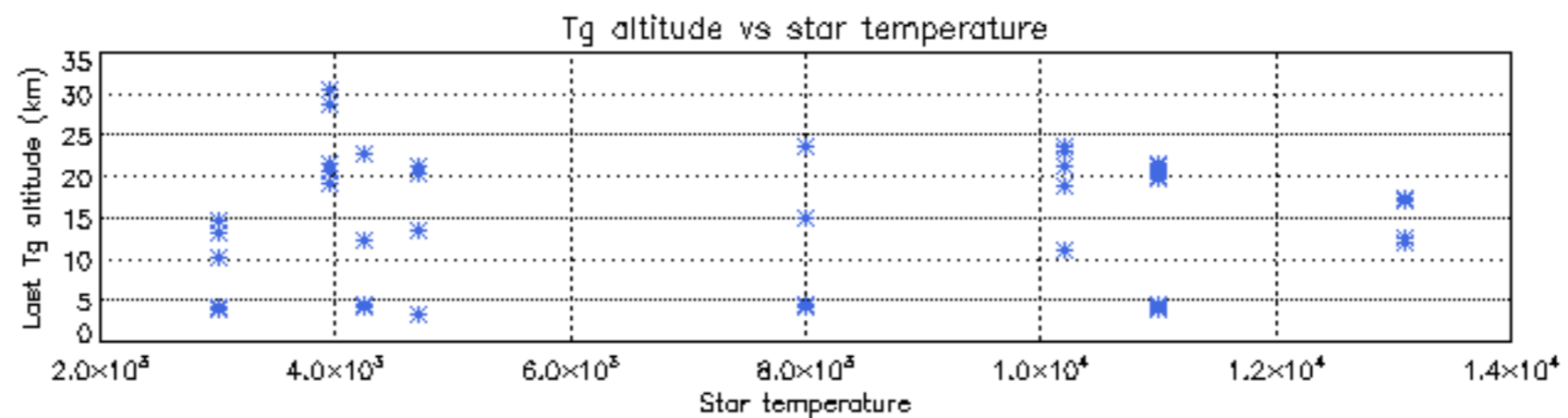
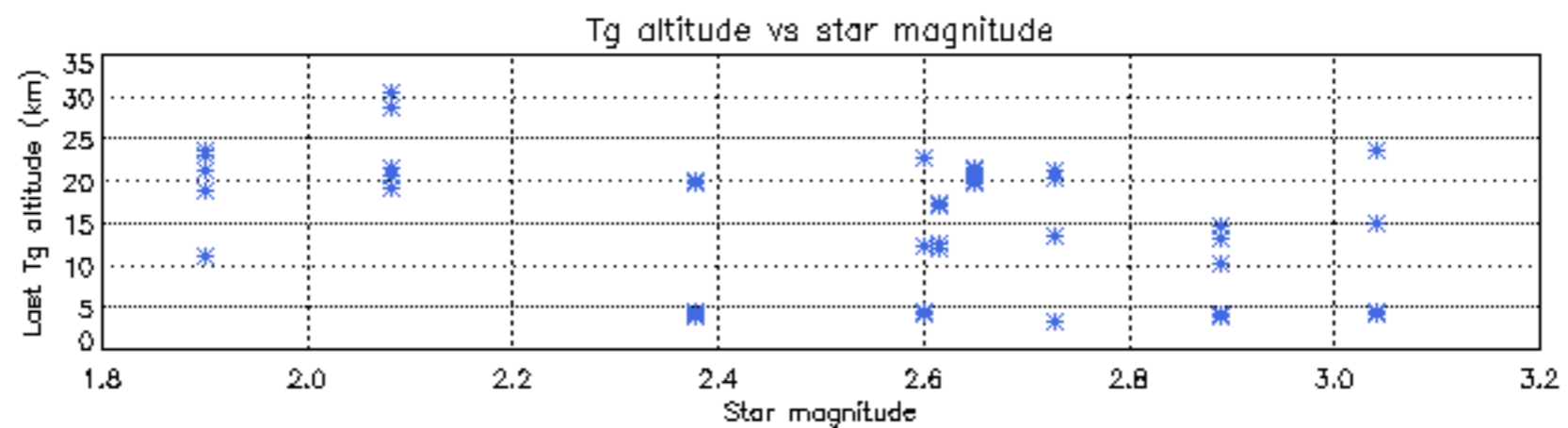
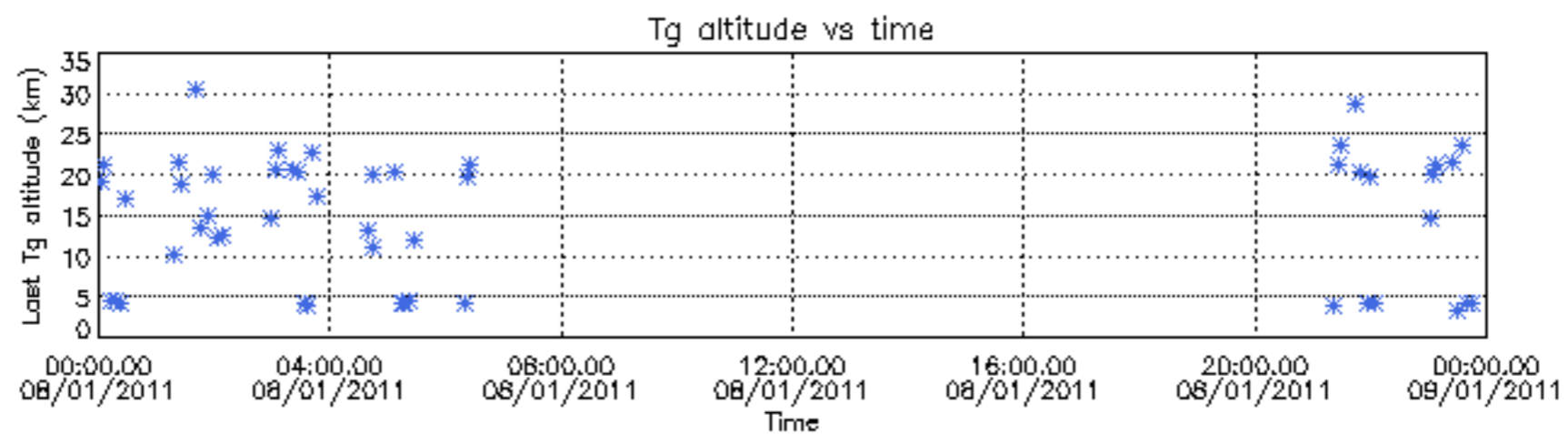
Percentage of saturation errors per profile

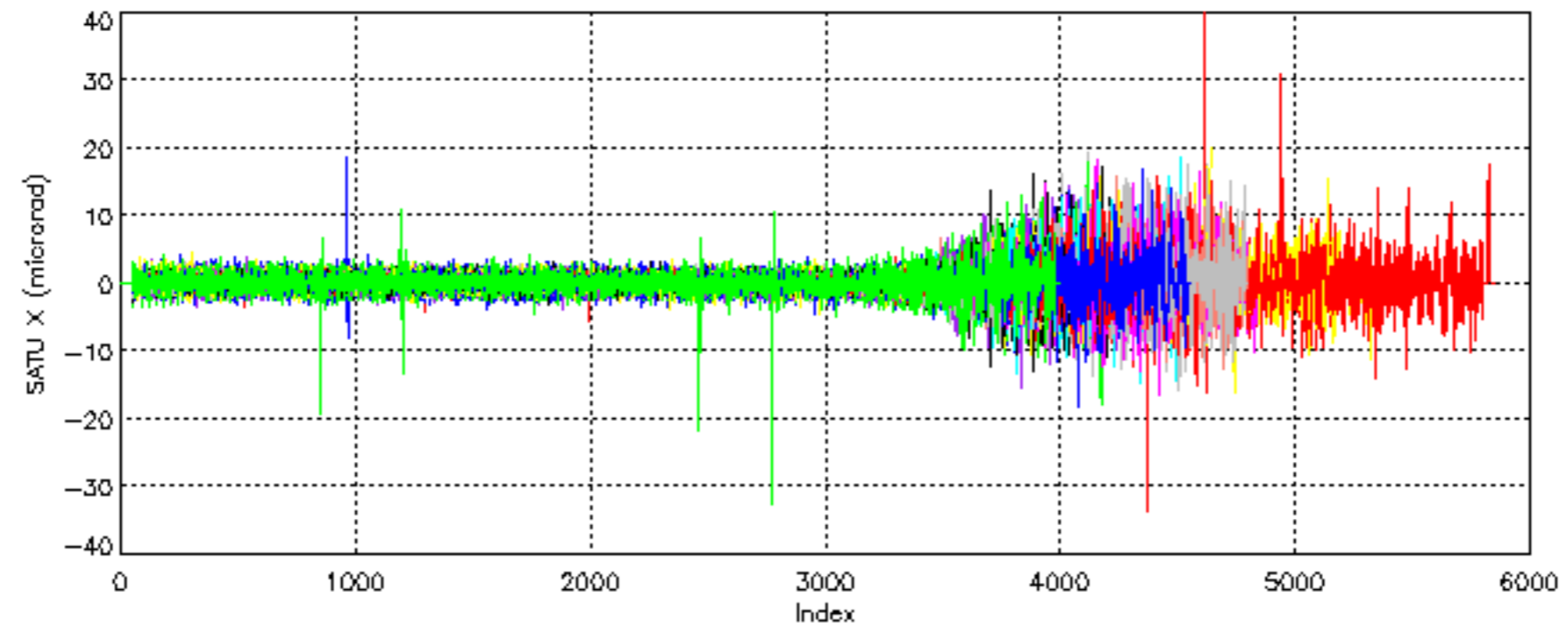


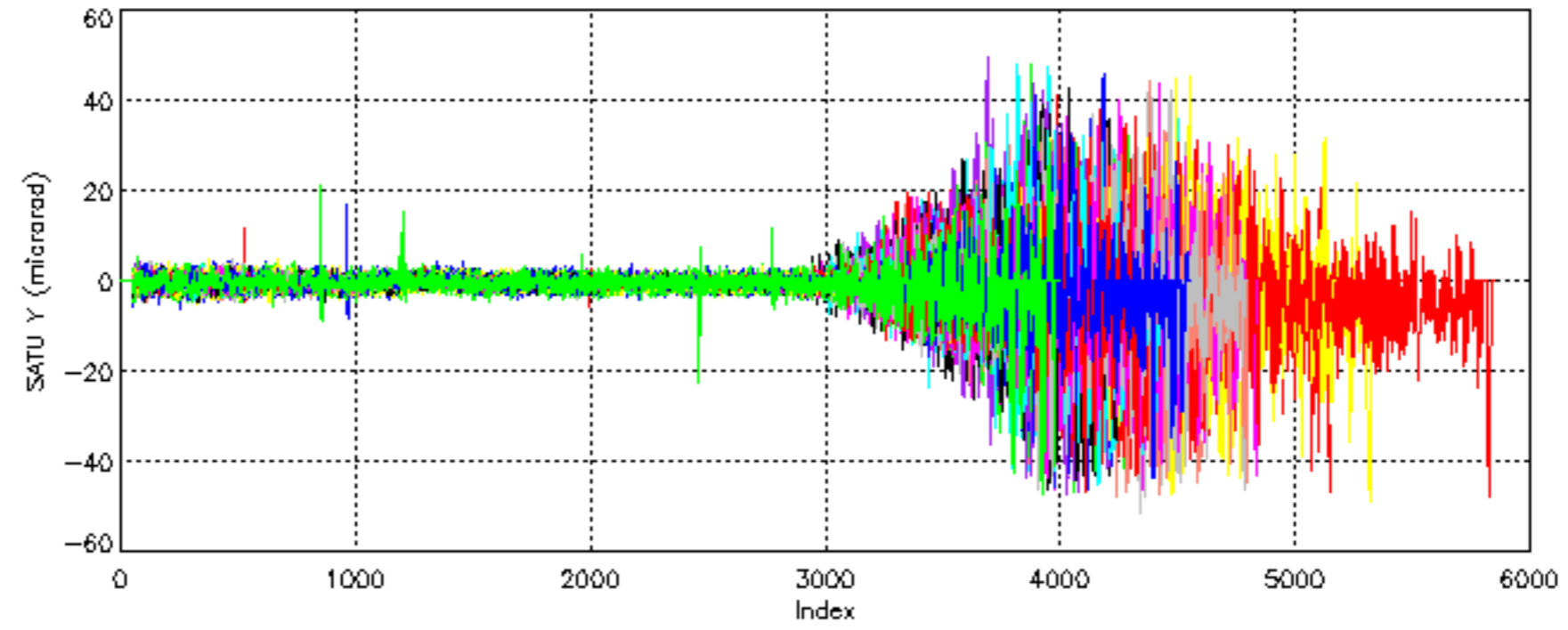
Tangent altitude at which the star is lost

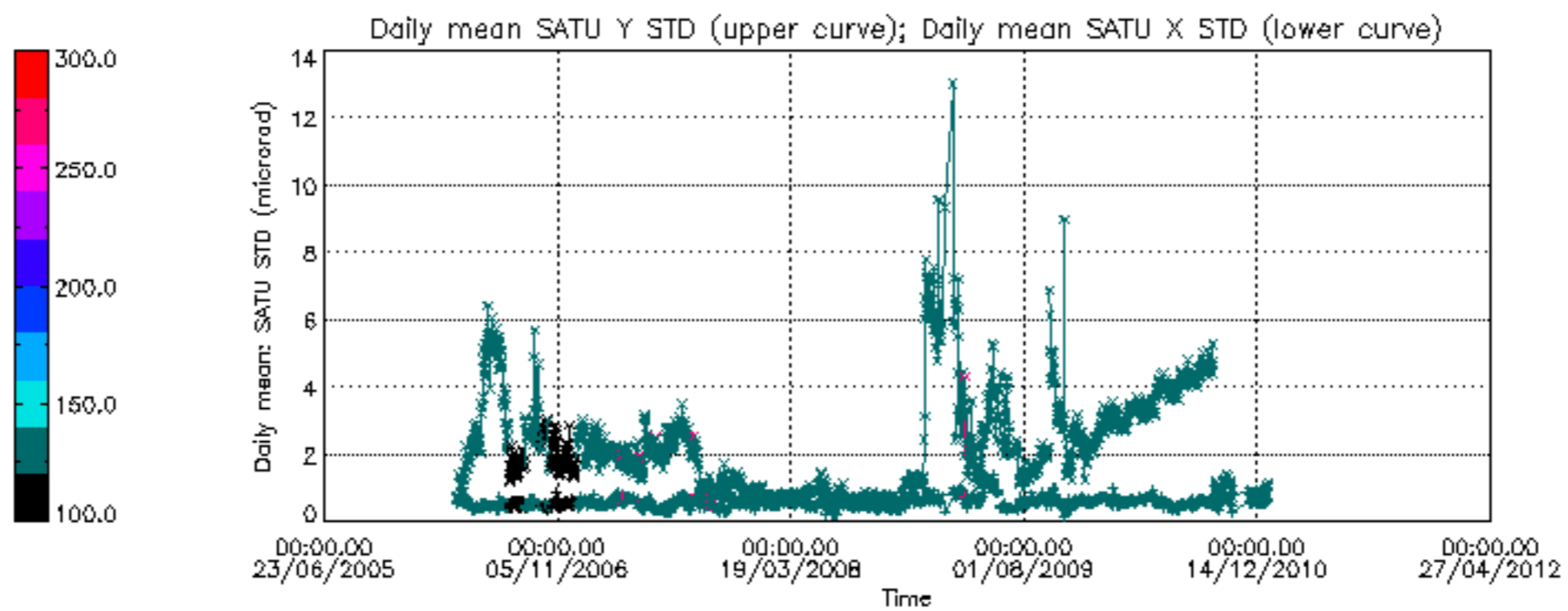


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110101_012508_000094163098_00074_46209_2000.N1

1;	-684.4;	01-JAN-2011	01:25:08;	Dark	;	45.0;	122;	9Alp2Lib	;	2.75;	9700;	occ;	90;	0;	46209
2;	-272.2;	01-JAN-2011	01:32:00;	Dark	;	43.0;	54;	5The Cen	;	2.06;	4500;	occ;	86;	0;	46209
3;	-3.0;	01-JAN-2011	01:36:29;	Dark	;	40.5;	77;	Eps Cen	;	2.30;	28000;	occ;	81;	0;	46210
4;	102.2;	01-JAN-2011	01:38:14;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46210
5;	211.5;	01-JAN-2011	01:40:04;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46210
6;	470.5;	01-JAN-2011	01:44:23;	Dark	;	48.0;	113;	Mu Vel	;	2.69;	5000;	occ;	96;	0;	46210
7;	623.9;	01-JAN-2011	01:46:56;	Dark	;	48.5;	71;	Iot Car	;	2.25;	7700;	occ;	97;	0;	46210
8;	738.0;	01-JAN-2011	01:48:50;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;	occ;	85;	0;	46210
9;	908.3;	01-JAN-2011	01:51:41;	Dark	;	48.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	97;	0;	46210
10;	1039.2;	01-JAN-2011	01:53:52;	Dark	;	49.5;	70;	Zet Pup	;	2.25;	39000;	occ;	99;	0;	46210
11;	1163.5;	01-JAN-2011	01:55:56;	Dark	;	49.0;	117;	Pi Pup	;	2.71;	3800;	occ;	98;	0;	46210
12;	1330.9;	01-JAN-2011	01:58:43;	Dark	;	47.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	94;	0;	46210
13;	1423.0;	01-JAN-2011	02:00:15;	Dark	;	45.0;	179;	240mi2CMa	;	3.03;	24000;	occ;	90;	0;	46210
14;	1570.3;	01-JAN-2011	02:02:43;	Dark	;	53.0;	1;	9Alp CMa	;	-1.44;	11000;	occ;	106;	0;	46210
15;	1719.7;	01-JAN-2011	02:05:12;	Dark	;	42.5;	56;	53Kap Ori	;	2.07;	30000;	occ;	85;	0;	46210
16;	1869.3;	01-JAN-2011	02:07:42;	Dark	;	45.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	91;	0;	46210
17;	2019.8;	01-JAN-2011	02:10:12;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46210
18;	2214.1;	01-JAN-2011	02:13:26;	Dark	;	48.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	97;	0;	46210
19;	2312.3;	01-JAN-2011	02:15:05;	Bright;	;	48.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	96;	0;	46210
20;	2551.7;	01-JAN-2011	02:19:04;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;	occ;	78;	0;	46210
21;	2677.4;	01-JAN-2011	02:21:10;	Bright;	;	40.5;	6;	13Alp Aur	;	0.08;	3400;	occ;	81;	0;	46210
22;	3671.8;	01-JAN-2011	02:37:44;	Bright;	;	55.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	110;	0;	46210
23;	3889.5;	01-JAN-2011	02:41:22;	Bright;	;	48.0;	32;	77Eps UMa	;	1.76;	11000;	occ;	96;	0;	46210
24;	4086.7;	01-JAN-2011	02:44:39;	Bright;	;	66.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	132;	0;	46210
25;	4331.1;	01-JAN-2011	02:48:43;	Bright;	;	40.0;	180;	27Gam Boo	;	3.04;	8000;	occ;	80;	0;	46210
26;	4552.2;	01-JAN-2011	02:52:24;	Bright;	;	62.0;	83;		;	2.38;	11000;	occ;	124;	0;	46210
27;	4747.8;	01-JAN-2011	02:55:40;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46210
28;	4868.3;	01-JAN-2011	02:57:41;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46210
29;	5171.3;	01-JAN-2011	03:02:44;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	112;	0;	46210
30;	5330.2;	01-JAN-2011	03:05:23;	Dark	;	44.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	89;	0;	46210
31;	5742.5;	01-JAN-2011	03:12:15;	Dark	;	49.0;	54;	5The Cen	;	2.06;	4500;	occ;	98;	0;	46210
32;	5907.7;	01-JAN-2011	03:15:00;	Dark	;	40.0;	95;	Zet Cen	;	2.55;	26000;	occ;	80;	0;	46210
33;	6011.7;	01-JAN-2011	03:16:44;	Dark	;	39.5;	77;	Eps Cen	;	2.30;	28000;	occ;	79;	0;	46211
34;	6117.0;	01-JAN-2011	03:18:29;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46211
35;	6226.4;	01-JAN-2011	03:20:19;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46211
36;	6485.7;	01-JAN-2011	03:24:38;	Dark	;	49.0;	113;	Mu Vel	;	2.69;	5000;	occ;	98;	0;	46211
37;	6638.6;	01-JAN-2011	03:27:11;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;	occ;	85;	0;	46211
38;	6752.6;	01-JAN-2011	03:29:05;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;	occ;	90;	0;	46211
39;	6923.2;	01-JAN-2011	03:31:56;	Dark	;	46.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	93;	0;	46211
40;	7054.0;	01-JAN-2011	03:34:06;	Dark	;	45.5;	70;	Zet Pup	;	2.25;	39000;	occ;	91;	0;	46211
41;	7178.0;	01-JAN-2011	03:36:10;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;	occ;	94;	0;	46211
42;	7345.3;	01-JAN-2011	03:38:58;	Dark	;	46.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	92;	0;	46211
43;	7437.3;	01-JAN-2011	03:40:30;	Dark	;	46.0;	179;	240mi2CMa	;	3.03;	24000;	occ;	92;	0;	46211
44;	7584.6;	01-JAN-2011	03:42:57;	Dark	;	53.0;	1;	9Alp CMa	;	-1.44;	11000;	occ;	106;	0;	46211
45;	7733.8;	01-JAN-2011	03:45:26;	Dark	;	44.0;	56;	53Kap Ori	;	2.07;	30000;	occ;	88;	0;	46211
46;	7883.6;	01-JAN-2011	03:47:56;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	89;	0;	46211
47;	8034.0;	01-JAN-2011	03:50:26;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46211
48;	8228.0;	01-JAN-2011	03:53:40;	Dark	;	44.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	89;	0;	46211
49;	8326.2;	01-JAN-2011	03:55:18;	Bright;	;	43.5;	151;	13Mu Gem	;	2.89;	3000;	occ;	87;	0;	46211
50;	8565.6;	01-JAN-2011	03:59:18;	Bright;	;	38.5;	107;	37The Aur	;	2.65;	11000;	occ;	77;	0;	46211
51;	8691.4;	01-JAN-2011	04:01:24;	Bright;	;	41.0;	6;	13Alp Aur	;	0.08;	3400;	occ;	82;	0;	46211

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1;	-2342.4;	01-JAN-2011	04:17:58;	Bright;	;	39.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	78;	0;	46211
2;	-2124.9;	01-JAN-2011	04:21:36;	Bright;	;	47.5;	32;	77Eps UMa	;	1.76;	11000;	occ;	95;	0;	46211
3;	-1927.5;	01-JAN-2011	04:24:53;	Bright;	;	45.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	90;	0;	46211
4;	-1683.0;	01-JAN-2011	04:28:57;	Bright;	;	42.5;	180;	27Gam Boo	;	3.04;	8000;	occ;	85;	0;	46211
5;	-1461.7;	01-JAN-2011	04:32:39;	Bright;	;	44.0;	83;		;	2.38;	11000;	occ;	88;	0;	46211
6;	-1265.7;	01-JAN-2011	04:35:55;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46211
7;	-1145.5;	01-JAN-2011	04:37:55;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46211
8;	-842.3;	01-JAN-2011	04:42:58;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	112;	0;	46211
9;	-683.2;	01-JAN-2011	04:45:37;	Dark	;	45.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	91;	0;	46211
10;	-270.8;	01-JAN-2011	04:52:30;	Dark	;	47.0;	54;	5The Cen	;	2.06;	4500;	occ;	94;	0;	46211
11;	-105.9;	01-JAN-2011	04:55:15;	Dark	;	41.5;	95;	Zet Cen	;	2.55;	26000;	occ;	83;	0;	46211
12;	-1.7;	01-JAN-2011	04:56:59;	Dark	;	40.0;	77;	Eps Cen	;	2.30;	28000;	occ;	80;	0;	46212
13;	103.9;	01-JAN-2011	04:58:44;	Dark	;	44.0;	64;	Gam Cen	;	2.20;	10600;	occ;	88;	0;	46212
14;	213.3;	01-JAN-2011	05:00:34;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46212
15;	472.3;	01-JAN-2011	05:04:53;	Dark	;	48.5;	113;	Mu Vel	;	2.69;	5000;	occ;	97;	0;	46212

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16; 625.1; 01-JAN-2011 05:07:26; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46212
17; 739.0; 01-JAN-2011 05:09:19; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;46212
18; 909.7; 01-JAN-2011 05:12:10; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46212
19; 1040.6; 01-JAN-2011 05:14:21; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;46212
20; 1164.3; 01-JAN-2011 05:16:25; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46212
21; 1331.7; 01-JAN-2011 05:19:12; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;46212
22; 1423.6; 01-JAN-2011 05:20:44; Dark ; 45.5; 179; 240mi2CMA ; 3.03; 24000;occ; 91; 0;46212
23; 1570.7; 01-JAN-2011 05:23:11; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;46212
24; 1720.1; 01-JAN-2011 05:25:41; Dark ; 43.5; 56; 53Kap Ori ; 2.07; 30000;occ; 87; 0;46212
25; 1869.6; 01-JAN-2011 05:28:10; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;46212
26; 2019.7; 01-JAN-2011 05:30:40; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;46212
27; 2213.8; 01-JAN-2011 05:33:54; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;46212
28; 2312.0; 01-JAN-2011 05:35:32; Bright; 60.0; 151; 13Mu Gem ; 2.89; 3000;occ; 120; 0;46212
29; 2551.3; 01-JAN-2011 05:39:32; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46212
30; 2677.3; 01-JAN-2011 05:41:38; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;46212
31; 3671.7; 01-JAN-2011 05:58:12; Bright; 11.5; 60; 7Bet UMi ; 2.08; 3950;occ; 23; 0;46212
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 2; 1045.1; 01-JAN-2011 20:16:32; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46221
 3; 1167.5; 01-JAN-2011 20:18:34; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46221
 4; 1333.8; 01-JAN-2011 20:21:21; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;46221
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 24; 6933.1; 02-JAN-2011 12:56:46; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;46231
 25; 7064.0; 02-JAN-2011 12:58:57; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46231
 26; 7185.1; 02-JAN-2011 13:00:58; Dark ; 47.5; 117; Pi Pup ; 2.71; 3800;occ; 95; 0;46231
 27; 7350.5; 02-JAN-2011 13:03:43; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;46231
 28; 7441.6; 02-JAN-2011 13:05:14; Dark ; 45.0; 179; 240mi2CMA ; 3.03; 24000;occ; 90; 0;46231
 29; 7587.1; 02-JAN-2011 13:07:40; Dark ; 11.0; 1; 9Alp CMA ; -1.44; 11000;occ; 22; 0;46231

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 3; 2019.0; 02-JAN-2011 13:15:06; Dark ; 52.0; 14; 58Alp Ori ; 0.87; 3000;occ; 104; 0;46231
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 8; 3669.7; 02-JAN-2011 13:42:36; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;46231
 9; 3880.5; 02-JAN-2011 13:46:07; Bright; 50.0; 32; 77Eps UMa ; 1.76; 11000;occ; 100; 0;46231
 10; 4082.3; 02-JAN-2011 13:49:29; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;46231
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 22; 6504.0; 02-JAN-2011 14:29:51; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46232
 23; 6649.7; 02-JAN-2011 14:32:16; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;46232
 24; 6763.8; 02-JAN-2011 14:34:11; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;46232
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 27; 7185.5; 02-JAN-2011 14:41:12; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46232
 28; 7350.9; 02-JAN-2011 14:43:58; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;46232

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 13; 4556.9; 02-JAN-2011 15:37:38; Bright; 44.5; 83; ; 2.38; 11000;occ; 89; 0;46232
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 15; 4875.1; 02-JAN-2011 15:42:56; Bright; 50.5; 102; 24Alp Ser ; 2.60; 4250;occ; 101; 0;46232
 16; 5181.6; 02-JAN-2011 15:48:02; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46232
 17; 5343.8; 02-JAN-2011 15:50:45; Dark ; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;46232
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 23; 6505.0; 02-JAN-2011 16:10:06; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46233
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 27; 7065.1; 02-JAN-2011 16:19:26; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46233
 28; 7185.9; 02-JAN-2011 16:21:27; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46233

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 5; 125.0; 03-JAN-2011 00:25:10; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;46238
 6; 237.5; 03-JAN-2011 00:27:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46238
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 8; 638.7; 03-JAN-2011 00:33:44; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;46238
 9; 752.9; 03-JAN-2011 00:35:38; Dark ; 45.0; 46; Del Vel ; 1.95; 10600;occ; 90; 0;46238
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 12; 1173.5; 03-JAN-2011 00:42:38; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;46238
 13; 1338.2; 03-JAN-2011 00:45:23; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;46238
 14; 1429.0; 03-JAN-2011 00:46:54; Dark ; 38.0; 179; 240mi2CMA ; 3.03; 24000;occ; 76; 0;46238
 15; 1573.7; 03-JAN-2011 00:49:19; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;46238
 16; 2018.5; 03-JAN-2011 00:56:43; Dark ; 50.0; 14; 58Alp Ori ; 0.87; 3000;occ; 100; 0;46238
 17; 2205.4; 03-JAN-2011 00:59:50; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;46238
 18; 2304.3; 03-JAN-2011 01:01:29; Bright; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;46238
 19; 2545.0; 03-JAN-2011 01:05:30; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;46238
 20; 2675.3; 03-JAN-2011 01:07:40; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;46238
 21; 3669.0; 03-JAN-2011 01:24:14; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;46238
 22; 3877.4; 03-JAN-2011 01:27:42; Bright; 49.0; 32; 77Eps UMa ; 1.76; 11000;occ; 98; 0;46238
 23; 4080.5; 03-JAN-2011 01:31:05; Bright; 44.5; 39; 85Eta UMa ; 1.85; 24000;occ; 89; 0;46238
 24; 4331.7; 03-JAN-2011 01:35:17; Bright; 49.0; 180; 27Gam Boo ; 3.04; 8000;occ; 98; 0;46238
 25; 4558.0; 03-JAN-2011 01:39:03; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;46238
 26; 4760.2; 03-JAN-2011 01:42:25; Bright; 56.5; 3; 16Alp Boo ; -0.05; 4250;occ; 113; 0;46238
 27; 4877.0; 03-JAN-2011 01:44:22; Bright; 55.0; 102; 24Alp Ser ; 2.60; 4250;occ; 110; 0;46238
 28; 5184.4; 03-JAN-2011 01:49:29; Bright; 32.5; 104; 27Bet Lib ; 2.61; 13100;occ; 65; 0;46238

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 4; -88.9; 03-JAN-2011 02:01:50; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;46238
 5; 13.8; 03-JAN-2011 02:03:33; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46239
 6; 125.8; 03-JAN-2011 02:05:25; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;46239
 7; 238.4; 03-JAN-2011 02:07:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46239
 8; 496.2; 03-JAN-2011 02:11:35; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;46239
 9; 639.3; 03-JAN-2011 02:13:58; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46239
 10; 753.4; 03-JAN-2011 02:15:52; Dark ; 46.0; 46; Del Vel ; 1.95; 10600;occ; 92; 0;46239
 11; 923.1; 03-JAN-2011 02:18:42; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;46239
 12; 1053.9; 03-JAN-2011 02:20:53; Dark ; 46.0; 70; Zet Pup ; 2.25; 39000;occ; 92; 0;46239
 13; 1173.8; 03-JAN-2011 02:22:53; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;46239
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 15; 1429.5; 03-JAN-2011 02:27:08; Dark ; 43.5; 179; 240mi2CMA ; 3.03; 24000;occ; 87; 0;46239
 16; 1573.9; 03-JAN-2011 02:29:33; Dark ; 49.5; 1; 9Alp CMA ; -1.44; 11000;occ; 99; 0;46239
 17; 2018.5; 03-JAN-2011 02:36:57; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 0;46239
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 19; 2304.1; 03-JAN-2011 02:41:43; Bright; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;46239
 20; 2544.8; 03-JAN-2011 02:45:44; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46239
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 3; -1933.7; 03-JAN-2011 03:11:19; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;46239
 4; -1682.3; 03-JAN-2011 03:15:31; Bright; 62.0; 180; 27Gam Boo ; 3.04; 8000;occ; 124; 0;46239
 5; -1455.8; 03-JAN-2011 03:19:17; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;46239
 6; -1253.3; 03-JAN-2011 03:22:40; Bright; 56.5; 3; 16Alp Boo ; -0.05; 4250;occ; 113; 0;46239
 7; -1136.8; 03-JAN-2011 03:24:36; Bright; 55.0; 102; 24Alp Ser ; 2.60; 4250;occ; 110; 0;46239
 8; -829.1; 03-JAN-2011 03:29:44; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46239
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 12; 14.6; 03-JAN-2011 03:43:48; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;46240
 13; 126.9; 03-JAN-2011 03:45:40; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;46240
 14; 239.3; 03-JAN-2011 03:47:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46240
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 16; 639.8; 03-JAN-2011 03:54:13; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46240

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 21; 1339.1; 03-JAN-2011 04:05:52; Dark ; 46.0; 23; 21Eps CMa ; 1.50; 26000;occ; 92; 0;46240
 22; 1429.7; 03-JAN-2011 04:07:23; Dark ; 44.0; 179; 240mi2CMa ; 3.03; 24000;occ; 88; 0;46240
 23; 1574.2; 03-JAN-2011 04:09:47; Dark ; 49.5; 1; 9Alp CMa ; -1.44; 11000;occ; 99; 0;46240
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 27; 2544.9; 03-JAN-2011 04:25:58; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46240
 28; 2675.5; 03-JAN-2011 04:28:08; Bright; 40.5; 6; 13Alp Aur ; 0.08; 3400;occ; 81; 0;46240
 29; 3668.8; 03-JAN-2011 04:44:42; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;46240

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3; 2187.5; 08-JAN-2011 12:58:00; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;46317
4; 2288.1; 08-JAN-2011 12:59:40; Bright; 43.5; 151; 13Mu Gem ; 2.89; 3000;occ; 87; 0;46317
5; 2532.2; 08-JAN-2011 13:03:45; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;46317
6; 2664.4; 08-JAN-2011 13:05:57; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;46317
7; 3659.2; 08-JAN-2011 13:22:32; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;46317
8; 3905.0; 08-JAN-2011 13:26:37; Bright; 34.0; 119; 14Eta Dra ; 2.73; 4700;occ; 68; 0;46317
9; 4332.4; 08-JAN-2011 13:33:45; Bright; 56.5; 180; 27Gam Boo ; 3.04; 8000;occ; 113; 0;46317
10; 4576.1; 08-JAN-2011 13:37:48; Bright; 48.0; 83; ; 2.38; 11000;occ; 96; 0;46317
11; 4904.6; 08-JAN-2011 13:43:17; Bright; 56.5; 102; 24Alp Ser ; 2.60; 4250;occ; 113; 0;46317
12; 5227.5; 08-JAN-2011 13:48:40; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;46317
13; 5403.4; 08-JAN-2011 13:51:36; Dark ; 47.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 94; 0;46317
14; 5827.7; 08-JAN-2011 13:58:40; Dark ; 56.0; 54; 5The Cen ; 2.06; 4500;occ; 112; 0;46317
15; 5979.0; 08-JAN-2011 14:01:11; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46317
16; 6076.3; 08-JAN-2011 14:02:49; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46318

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 22; 6973.7; 08-JAN-2011 14:17:46; Dark ; 41.5; 34; Gam2Vel ; 1.79; 23000;occ; 83; 0;46318
 23; 7103.5; 08-JAN-2011 14:19:56; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;46318
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 9; 3904.9; 08-JAN-2011 15:06:51; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46318
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 11; 4576.5; 08-JAN-2011 15:18:03; Bright; 49.0; 83; ; 2.38; 11000;occ; 98; 0;46318
 12; 4905.1; 08-JAN-2011 15:23:31; Bright; 58.0; 102; 24Alp Ser ; 2.60; 4250;occ; 116; 0;46318
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 14; 5404.4; 08-JAN-2011 15:31:51; Dark ; 48.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 96; 0;46318
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 18; 6238.2; 08-JAN-2011 15:45:44; Dark ; 41.0; 20; Bet Cru ; 1.25; 30000;occ; 82; 0;46319
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 21; 6694.2; 08-JAN-2011 15:53:21; Dark ; 46.5; 71; Iot Car ; 2.25; 7700;occ; 93; 0;46319
 22; 6807.5; 08-JAN-2011 15:55:14; Dark ; 45.5; 46; Del Vel ; 1.95; 10600;occ; 91; 0;46319
 23; 6974.0; 08-JAN-2011 15:58:00; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;46319
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 22; 6694.8; 08-JAN-2011 17:33:35; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46320
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23; 6695.3; 08-JAN-2011 19:13:50; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46321
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22; 6239.9; 08-JAN-2011 20:46:28; Dark ; 43.5; 20; Bet Cru ; 1.25; 30000;occ; 87; 0;46322
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6; 66.7; 09-JAN-2011 01:44:31; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46325
7; 227.7; 09-JAN-2011 01:47:12; Dark ; 44.5; 20; Bet Cru ; 1.25; 30000;occ; 89; 0;46325
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13; 1092.2; 09-JAN-2011 02:01:37; Dark ; 43.5; 70; Zet Pup ; 2.25; 39000;occ; 87; 0;46325
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16; 1447.1; 09-JAN-2011 02:07:32; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;46325
17; 1585.0; 09-JAN-2011 02:09:49; Dark ; 48.5; 1; 9Alp CMA ; -1.44; 11000;occ; 97; 0;46325
18; 2024.7; 09-JAN-2011 02:17:09; Dark ; 64.0; 8; 10Alp CMi ; 0.40; 6500;occ; 128; 0;46325

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 22; 3332.4; 25-JAN-2011 04:32:55; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;46556
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