

GOMOS Daily Report 28-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	31JAN2011 04:53:31
Data source version	GOMOS/5.01
Start time of products	28JAN2011 00:04:14
Stop time of products	28JAN2011 23:54:22
Store outputs in DB	Yes
Nb of level 1b prods	105
Nb of prods with errors	0

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

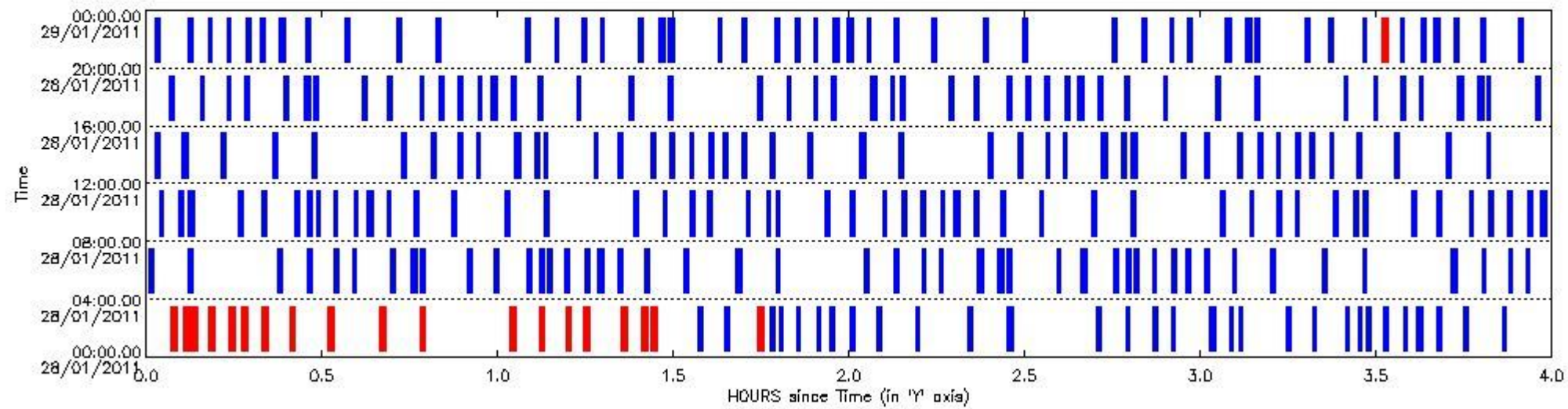
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



2.3 Summary of missing occultations (red segments in previous plot)

UTC start time	Star name	Star ID	Orbit
28-JAN-2011 00:04:11	GamLup	131	46596
28-JAN-2011 00:06:18	BetLup	109	46596
28-JAN-2011 00:07:45	AlpLup	78	46597
28-JAN-2011 00:10:43	BetCen	10	46597
28-JAN-2011 00:14:08	Alp1Cru	12	46597
28-JAN-2011 00:16:19	DSA1053	0	46597
28-JAN-2011 00:19:46	MuVel	113	46597
28-JAN-2011 00:24:24	LamVel	65	46597
28-JAN-2011 00:31:00	15RhoPup	132	46597
28-JAN-2011 00:39:54	10AlpCMi	8	46597
28-JAN-2011 00:46:43	78BetGem	17	46597
28-JAN-2011 01:01:57	50AlpUMa	36	46597
28-JAN-2011 01:07:01	7BetUMi	60	46597
28-JAN-2011 01:11:39	14EtaDra	119	46597
28-JAN-2011 01:14:40	23BetDra	130	46597

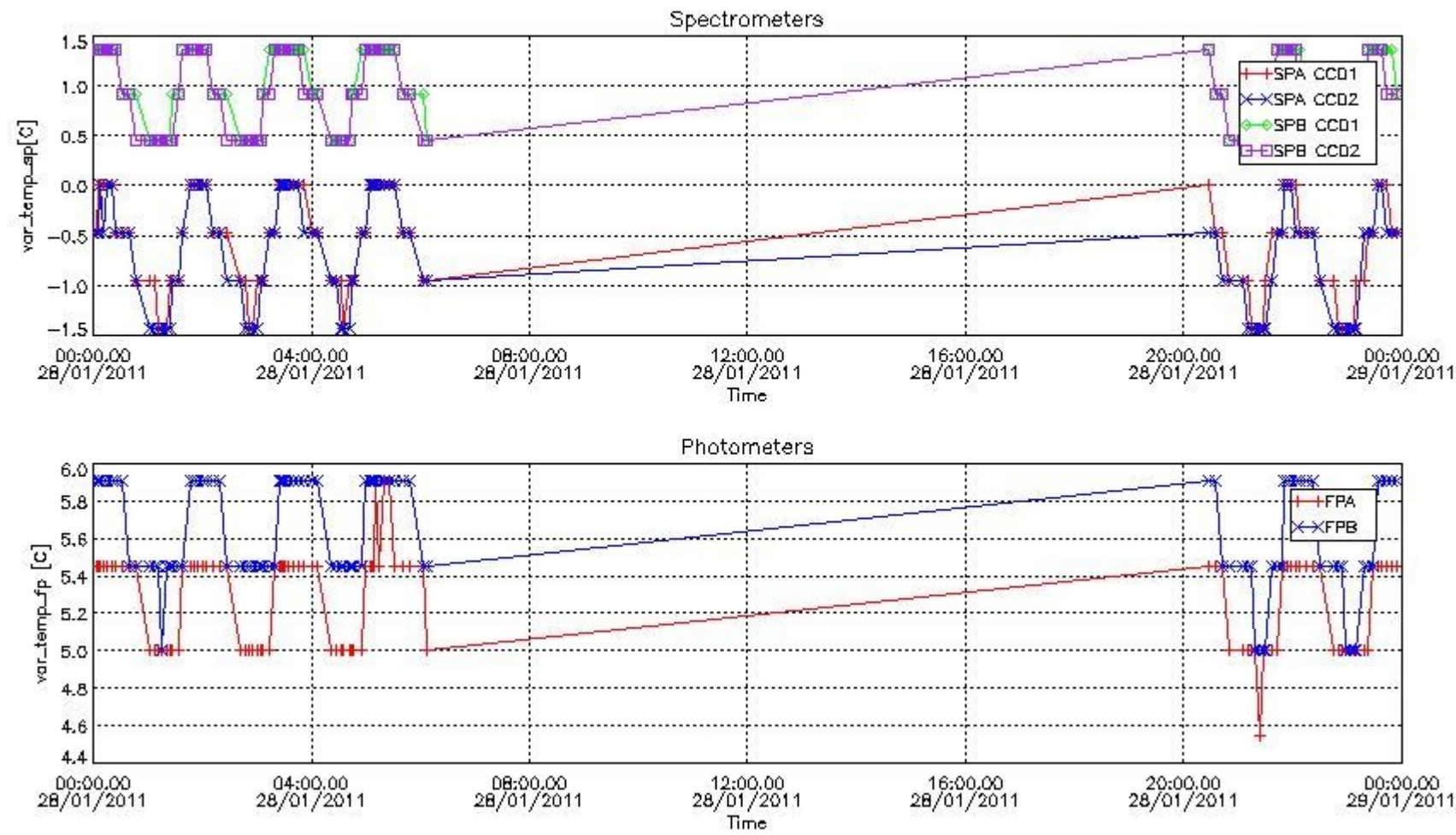
28-JAN-2011 01:21:11	40ZetHer	133	46597
28-JAN-2011 01:24:38	27BetHer	127	46597
28-JAN-2011 01:26:14	55AlpOph	59	46597
28-JAN-2011 01:44:26	GamLup	131	46597
28-JAN-2011 23:30:55	EtaCen	81	46611

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_1PNPDE20110128_000414_000000423099_00030_46596_7092.N1	28-JAN-2011 00:04:14	Dark	42.000	131	Gam Lup	2.8000	26000.	84	46596	No
2	GOM_TRA_1PNPDE20110128_000621_000000443099_00030_46596_7093.N1	28-JAN-2011 00:06:21	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46596	No
3	GOM_TRA_1PNPDE20110128_000748_000000443099_00031_46597_7094.N1	28-JAN-2011 00:07:48	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46597	No
4	GOM_TRA_1PNPDE20110128_001045_000000423099_00031_46597_7095.N1	28-JAN-2011 00:10:45	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46597	No
5	GOM_TRA_1PNPDE20110128_001411_000000463099_00031_46597_7096.N1	28-JAN-2011 00:14:11	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	46597	No
6	GOM_TRA_1PNPDE20110128_001949_000000453099_00031_46597_7097.N1	28-JAN-2011 00:19:49	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46597	No
7	GOM_TRA_1PNPDE20110128_002427_000000493099_00031_46597_7098.N1	28-JAN-2011 00:24:27	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46597	No
8	GOM_TRA_1PNPDE20110128_003103_000000453099_00031_46597_7099.N1	28-JAN-2011 00:31:03	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46597	No
9	GOM_TRA_1PNPDE20110128_003957_000000533099_00031_46597_7100.N1	28-JAN-2011 00:39:57	Twilight_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	46597	No
10	GOM_TRA_1PNPDE20110128_004646_000000443099_00031_46597_7101.N1	28-JAN-2011 00:46:46	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46597	No
11	GOM_TRA_1PNPDE20110128_010200_000000423099_00031_46597_7102.N1	28-JAN-2011 01:02:00	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	46597	No
12	GOM_TRA_1PNPDE20110128_010704_000000403099_00031_46597_7103.N1	28-JAN-2011 01:07:04	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46597	No
13	GOM_TRA_1PNPDE20110128_011142_000000393099_00031_46597_7104.N1	28-JAN-2011 01:11:42	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46597	No
14	GOM_TRA_1PNPDE20110128_011443_000000383099_00031_46597_7105.N1	28-JAN-2011 01:14:43	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46597	No
15	GOM_TRA_1PNPDE20110128_012114_000000603099_00031_46597_7106.N1	28-JAN-2011 01:21:14	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46597	No
16	GOM_TRA_1PNPDE20110128_012441_000000633099_00031_46597_7107.N1	28-JAN-2011 01:24:41	Bright	63.000	127	27Bet Her	2.7810	4700.0	126	46597	No
17	GOM_TRA_1PNPDE20110128_012617_000000543099_00031_46597_7108.N1	28-JAN-2011 01:26:17	Bright	53.500	59	55Alp Oph	2.0800	8900.0	107	46597	No
18	GOM_TRA_1PNPDE20110128_013418_000000483099_00031_46597_7106.N1	28-JAN-2011 01:34:18	Twilight_stray	47.500	98	13Zet Oph	2.5710	30000.	95	46597	No
19	GOM_TRA_1PNPDE20110128_013849_000000523099_00031_46597_7107.N1	28-JAN-2011 01:38:49	Dark	51.500	16	21Alp Sco	1.0200	3000.0	103	46597	No
20	GOM_TRA_1PNPDE20110128_014636_000000433099_00031_46597_7108.N1	28-JAN-2011 01:46:36	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46597	No
21	GOM_TRA_1PNPDE20110128_014802_000000453099_00032_46598_7109.N1	28-JAN-2011 01:48:02	Dark	44.500	78	Alp Lup	2.3040	28000.	89	46598	No
22	GOM_TRA_1PNPDE20110128_015100_000000443099_00032_46598_7110.N1	28-JAN-2011 01:51:00	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46598	No
23	GOM_TRA_1PNPDE20110128_015425_000000433099_00032_46598_7111.N1	28-JAN-2011 01:54:25	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46598	No
24	GOM_TRA_1PNPDE20110128_020004_000000503099_00032_46598_7112.N1	28-JAN-2011 02:00:04	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46598	No
25	GOM_TRA_1PNPDE20110128_020441_000000543099_00032_46598_7113.N1	28-JAN-2011 02:04:41	Dark	53.500	65	Lam Vel	2.2040	4400.0	107	46598	No
26	GOM_TRA_1PNPDE20110128_021117_000000453099_00032_46598_7114.N1	28-JAN-2011 02:11:17	Straylight	45.000	132	15Rho Pup	2.8030	6900.0	90	46598	No
27	GOM_TRA_1PNPDE20110128_022011_000000513099_00032_46598_7115.N1	28-JAN-2011 02:20:11	Twilight_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	46598	No
28	GOM_TRA_1PNPDE20110128_022700_000000573099_00032_46598_7116.N1	28-JAN-2011 02:27:00	Bright	57.000	17	78Bet Gem	1.1610	4500.0	114	46598	No
29	GOM_TRA_1PNPDE20110128_024214_000000443099_00032_46598_7117.N1	28-JAN-2011 02:42:14	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	46598	No
30	GOM_TRA_1PNPDE20110128_024718_000000373099_00032_46598_7192.N1	28-JAN-2011 02:47:18	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46598	No
31	GOM_TRA_1PNPDE20110128_025156_000000393099_00032_46598_7193.N1	28-JAN-2011 02:51:56	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46598	No
32	GOM_TRA_1PNPDE20110128_025457_000000483099_00032_46598_7194.N1	28-JAN-2011 02:54:57	Bright	48.000	130	23Bet Dra	2.7990	5800.0	96	46598	No
33	GOM_TRA_1PNPDE20110128_030128_000000603099_00032_46598_7195.N1	28-JAN-2011 03:01:28	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46598	No
34	GOM_TRA_1PNPDE20110128_030455_000000433099_00032_46598_7196.N1	28-JAN-2011 03:04:55	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	46598	No
35	GOM_TRA_1PNPDE20110128_030631_000000363099_00032_46598_7197.N1	28-JAN-2011 03:06:31	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	46598	No
36	GOM_TRA_1PNPDE20110128_031433_000000473099_00032_46598_7198.N1	28-JAN-2011 03:14:33	Twilight_stray	46.500	98	13Zet Oph	2.5710	30000.	93	46598	No
37	GOM_TRA_1PNPDE20110128_031904_000000483099_00032_46598_7199.N1	28-JAN-2011 03:19:04	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	46598	No
38	GOM_TRA_1PNPDE20110128_032443_000000443099_00032_46598_7200.N1	28-JAN-2011 03:24:43	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46598	No
39	GOM_TRA_1PNPDE20110128_032651_000000433099_00032_46598_7201.N1	28-JAN-2011 03:26:51	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46598	No
40	GOM_TRA_1PNPDE20110128_032817_000000443099_00033_46599_7202.N1	28-JAN-2011 03:28:17	Dark	43.500	78	Alp Lup	2.3040	28000.	87	46599	No
41	GOM_TRA_1PNPDE20110128_033115_000000443099_00033_46599_7203.N1	28-JAN-2011 03:31:15	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46599	No
42	GOM_TRA_1PNPDE20110128_033440_000000443099_00033_46599_7204.N1	28-JAN-2011 03:34:40	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46599	No
43	GOM_TRA_1PNPDE20110128_034019_000000513099_00033_46599_7205.N1	28-JAN-2011 03:40:19	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46599	No
44	GOM_TRA_1PNPDE20110128_034456_000000493099_00033_46599_7206.N1	28-JAN-2011 03:44:56	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46599	No
45	GOM_TRA_1PNPDE20110128_035132_000000433099_00033_46599_7207.N1	28-JAN-2011 03:51:32	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46599	No
46	GOM_TRA_1PNPDE20110128_040026_000000553099_00033_46599_7208.N1	28-JAN-2011 04:00:26	Twilight_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	46599	No
47	GOM_TRA_1PNPDE20110128_040714_000000393099_00033_46599_7209.N1	28-JAN-2011 04:07:14	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	46599	No
48	GOM_TRA_1PNPDE20110128_042227_000000493099_00033_46599_7210.N1	28-JAN-2011 04:22:27	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46599	No
49	GOM_TRA_1PNPDE20110128_042732_000000383099_00033_46599_7211.N1	28-JAN-2011 04:27:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46599	No

50	GOM_TRA_1PNPDE20110128_043209_000000393099_00033_46599_7256.N1	28-JAN-2011 04:32:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46599	No
51	GOM_TRA_1PNPDE20110128_043512_000000373099_00033_46599_7257.N1	28-JAN-2011 04:35:12	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	46599	No
52	GOM_TRA_1PNPDE20110128_044143_000000413099_00033_46599_7258.N1	28-JAN-2011 04:41:43	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	46599	No
53	GOM_TRA_1PNPDE20110128_044510_000000633099_00033_46599_7259.N1	28-JAN-2011 04:45:10	Bright	63.000	127	27Bet Her	2.7810	4700.0	126	46599	No
54	GOM_TRA_1PNPDE20110128_044646_000000543099_00033_46599_7260.N1	28-JAN-2011 04:46:46	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	46599	No
55	GOM_TRA_1PNPDE20110128_045447_000000483099_00033_46599_7261.N1	28-JAN-2011 04:54:47	Twilight	47.500	98	13Zet Oph	2.5710	30000.	95	46599	No
56	GOM_TRA_1PNPDE20110128_045918_000000493099_00033_46599_7262.N1	28-JAN-2011 04:59:18	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	46599	No
57	GOM_TRA_1PNPDE20110128_050458_000000423099_00033_46599_7263.N1	28-JAN-2011 05:04:58	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46599	No
58	GOM_TRA_1PNPDE20110128_050706_000000433099_00033_46599_7264.N1	28-JAN-2011 05:07:06	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46599	No
59	GOM_TRA_1PNPDE20110128_050832_000000423099_00034_46600_7265.N1	28-JAN-2011 05:08:32	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46600	No
60	GOM_TRA_1PNPDE20110128_051130_000000513099_00034_46600_7266.N1	28-JAN-2011 05:11:30	Dark	50.500	10	Bet Cen	0.61000	28000.	101	46600	No
61	GOM_TRA_1PNPDE20110128_051455_000000433099_00034_46600_7267.N1	28-JAN-2011 05:14:55	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46600	No
62	GOM_TRA_1PNPDE20110128_052034_000000453099_00034_46600_7268.N1	28-JAN-2011 05:20:34	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46600	No
63	GOM_TRA_1PNPDE20110128_052511_000000493099_00034_46600_7269.N1	28-JAN-2011 05:25:11	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46600	No
64	GOM_TRA_1PNPDE20110128_053146_000000433099_00034_46600_7270.N1	28-JAN-2011 05:31:46	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46600	No
65	GOM_TRA_1PNPDE20110128_054040_000000543099_00034_46600_7271.N1	28-JAN-2011 05:40:40	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	46600	No
66	GOM_TRA_1PNPDE20110128_054727_000000433099_00034_46600_7272.N1	28-JAN-2011 05:47:27	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46600	No
67	GOM_TRA_1PNPDE20110128_060241_000000483099_00034_46600_7273.N1	28-JAN-2011 06:02:41	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46600	No
68	GOM_TRA_1PNPDE20110128_060746_000000403099_00034_46600_7274.N1	28-JAN-2011 06:07:46	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46600	No
69	GOM_TRA_1PNPDE20110128_202720_000000483099_00043_46609_7402.N1	28-JAN-2011 20:27:20	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46609	No
70	GOM_TRA_1PNPDE20110128_203354_000000433099_00043_46609_7403.N1	28-JAN-2011 20:33:54	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46609	No
71	GOM_TRA_1PNPDE20110128_204246_000000523099_00043_46609_7404.N1	28-JAN-2011 20:42:46	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	46609	No
72	GOM_TRA_1PNPDE20110128_204932_000000433099_00043_46609_7405.N1	28-JAN-2011 20:49:32	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46609	No
73	GOM_TRA_1PNPDE20110128_210441_000000493099_00043_46609_7406.N1	28-JAN-2011 21:04:41	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46609	No
74	GOM_TRA_1PNPDE20110128_210950_000000363099_00043_46609_7407.N1	28-JAN-2011 21:09:50	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46609	No
75	GOM_TRA_1PNPDE20110128_211428_000000373099_00043_46609_7408.N1	28-JAN-2011 21:14:28	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	46609	No
76	GOM_TRA_1PNPDE20110128_211732_000000383099_00043_46609_7409.N1	28-JAN-2011 21:17:32	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46609	No
77	GOM_TRA_1PNPDE20110128_212404_000000413099_00043_46609_7410.N1	28-JAN-2011 21:24:04	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	46609	No
78	GOM_TRA_1PNPDE20110128_212733_000000643099_00043_46609_7411.N1	28-JAN-2011 21:27:33	Bright	64.000	127	27Bet Her	2.7810	4700.0	128	46609	No
79	GOM_TRA_1PNPDE20110128_212908_000000543099_00043_46609_7412.N1	28-JAN-2011 21:29:08	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	46609	No
80	GOM_TRA_1PNPDE20110128_213735_000000433099_00043_46609_7432.N1	28-JAN-2011 21:37:35	Twilight	42.500	86	35Eta Oph	2.4300	10200.	85	46609	No
81	GOM_TRA_1PNPDE20110128_214145_000000523099_00043_46609_7433.N1	28-JAN-2011 21:41:45	Dark	52.000	16	21Alp Sco	1.0200	3000.0	104	46609	No
82	GOM_TRA_1PNPDE20110128_214726_000000433099_00043_46609_7434.N1	28-JAN-2011 21:47:26	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46609	No
83	GOM_TRA_1PNPDE20110128_215044_000000463099_00044_46610_7435.N1	28-JAN-2011 21:50:44	Dark	46.000	81	Eta Cen	2.3560	28000.	92	46610	No
84	GOM_TRA_1PNPDE20110128_215356_000000433099_00044_46610_7436.N1	28-JAN-2011 21:53:56	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46610	No
85	GOM_TRA_1PNPDE20110128_215720_000000533099_00044_46610_7437.N1	28-JAN-2011 21:57:20	Dark	52.500	12	Alp1Cru	0.77500	30000.	105	46610	No
86	GOM_TRA_1PNPDE20110128_220300_000000463099_00044_46610_7438.N1	28-JAN-2011 22:03:00	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46610	No
87	GOM_TRA_1PNPDE20110128_220735_000000483099_00044_46610_7439.N1	28-JAN-2011 22:07:35	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46610	No
88	GOM_TRA_1PNPDE20110128_221408_000000423099_00044_46610_7440.N1	28-JAN-2011 22:14:08	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	46610	No
89	GOM_TRA_1PNPDE20110128_222300_000000493099_00044_46610_7441.N1	28-JAN-2011 22:23:00	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	46610	No
90	GOM_TRA_1PNPDE20110128_222946_000000433099_00044_46610_7442.N1	28-JAN-2011 22:29:46	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	46610	No
91	GOM_TRA_1PNPDE20110128_224454_000000473099_00044_46610_7443.N1	28-JAN-2011 22:44:54	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46610	No
92	GOM_TRA_1PNPDE20110128_225003_000000393099_00044_46610_7444.N1	28-JAN-2011 22:50:03	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46610	No
93	GOM_TRA_1PNPDE20110128_225442_000000393099_00044_46610_7445.N1	28-JAN-2011 22:54:42	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46610	No
94	GOM_TRA_1PNPDE20110128_225746_000000543099_00044_46610_7446.N1	28-JAN-2011 22:57:46	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46610	No
95	GOM_TRA_1PNPDE20110128_230418_000000613099_00044_46610_7447.N1	28-JAN-2011 23:04:18	Bright	61.000	133	40Zet Her	2.8070	6000.0	122	46610	No
96	GOM_TRA_1PNPDE20110128_230747_000000643099_00044_46610_7448.N1	28-JAN-2011 23:07:47	Bright	64.000	127	27Bet Her	2.7810	4700.0	128	46610	No
97	GOM_TRA_1PNPDE20110128_230923_000000373099_00044_46610_7449.N1	28-JAN-2011 23:09:23	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	46610	No
98	GOM_TRA_1PNPDE20110128_231750_000000453099_00044_46610_7450.N1	28-JAN-2011 23:17:50	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	46610	No
99	GOM_TRA_1PNPDE20110128_232159_000000493099_00044_46610_7451.N1	28-JAN-2011 23:21:59	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	46610	No
100	GOM_TRA_1PNPDE20110128_232741_000000433099_00044_46610_7452.N1	28-JAN-2011 23:27:41	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46610	No
101	GOM_TRA_1PNPDE20110128_233410_000000413099_00045_46611_7453.N1	28-JAN-2011 23:34:10	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46611	No
102	GOM_TRA_1PNPDE20110128_233735_000000473099_00045_46611_7454.N1	28-JAN-2011 23:37:35	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	46611	No
103	GOM_TRA_1PNPDE20110128_234315_000000453099_00045_46611_7455.N1	28-JAN-2011 23:43:15	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46611	No
104	GOM_TRA_1PNPDE20110128_234749_000000493099_00045_46611_7456.N1	28-JAN-2011 23:47:49	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46611	No
105	GOM_TRA_1PNPDE20110128_235422_000000443099_00045_46611_7457.N1	28-JAN-2011 23:54:22	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46611	No

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



4. Overview of dark signal processing per product

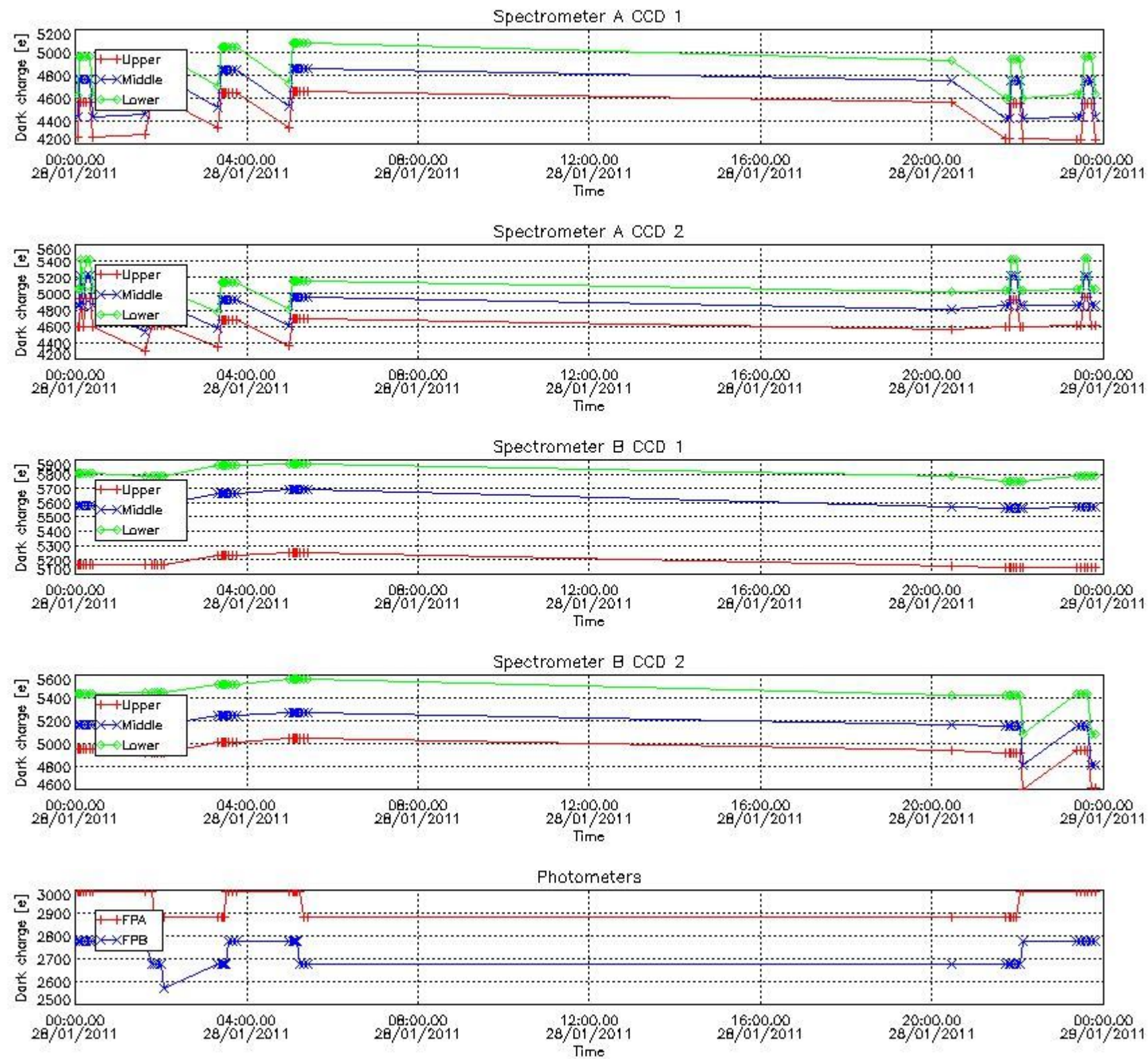
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110128_202720_000000483099_00043_46609_7402.N1	DC map used
GOM_TRA_1PNPDE20110128_203354_000000433099_00043_46609_7403.N1	DC map used
GOM_TRA_1PNPDE20110128_204246_000000523099_00043_46609_7404.N1	DC map used
GOM_TRA_1PNPDE20110128_204932_000000433099_00043_46609_7405.N1	DC map used
GOM_TRA_1PNPDE20110128_210441_000000493099_00043_46609_7406.N1	DC map used
GOM_TRA_1PNPDE20110128_210950_000000363099_00043_46609_7407.N1	DC map used
GOM_TRA_1PNPDE20110128_211428_000000373099_00043_46609_7408.N1	DC map used
GOM_TRA_1PNPDE20110128_211732_000000383099_00043_46609_7409.N1	DC map used
GOM_TRA_1PNPDE20110128_212404_000000413099_00043_46609_7410.N1	DC map used
GOM_TRA_1PNPDE20110128_212733_000000643099_00043_46609_7411.N1	DC map used
GOM_TRA_1PNPDE20110128_212908_000000543099_00043_46609_7412.N1	DC map used

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



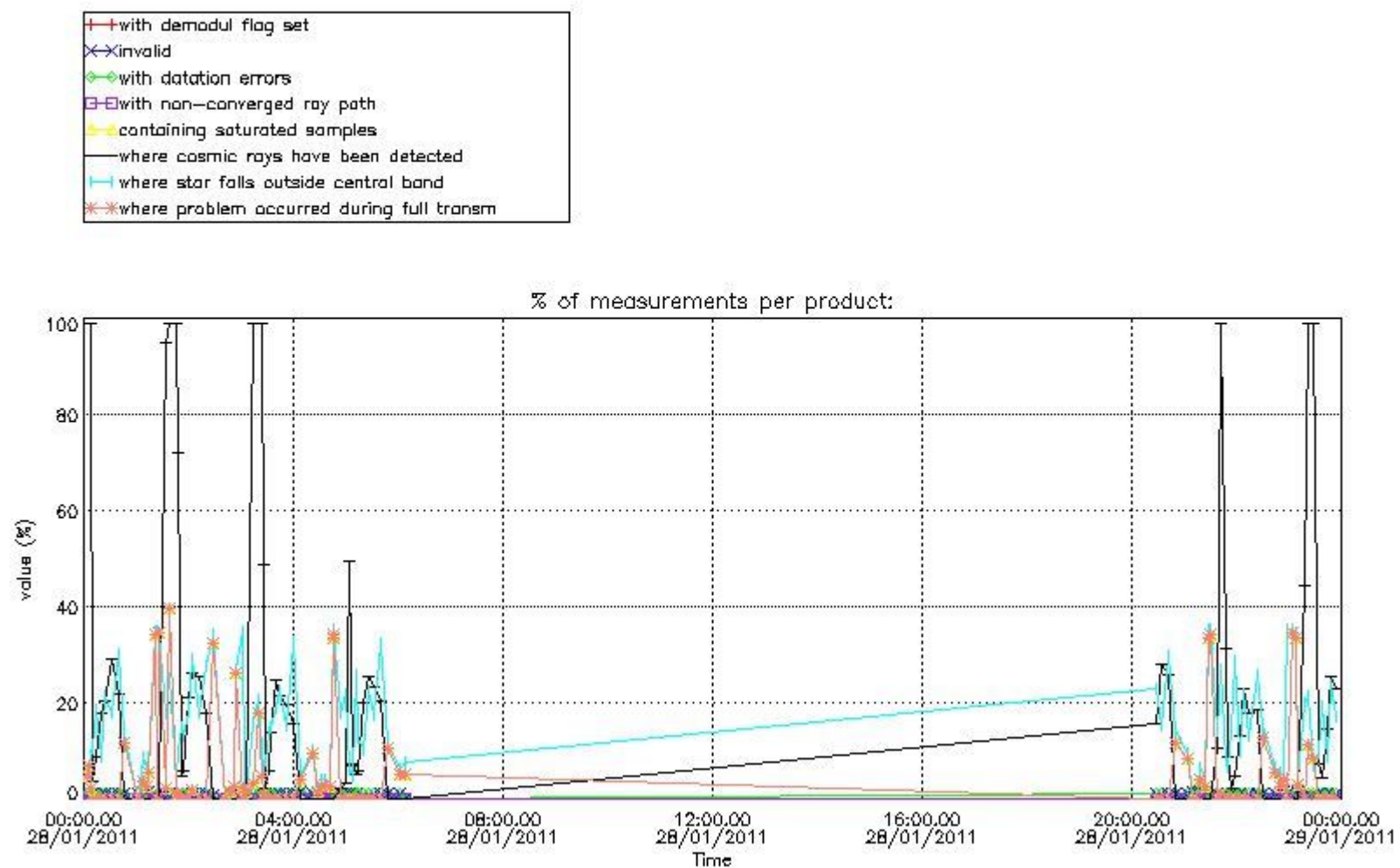
5. Demodulation flag and quality information monitoring

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.

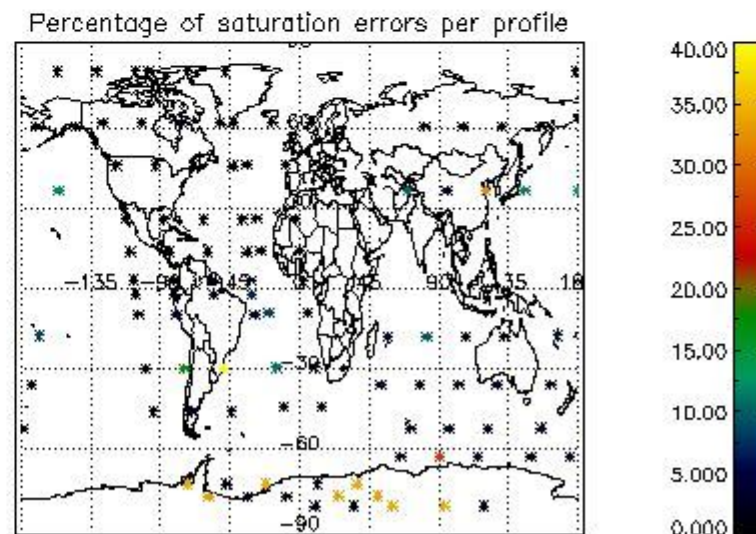
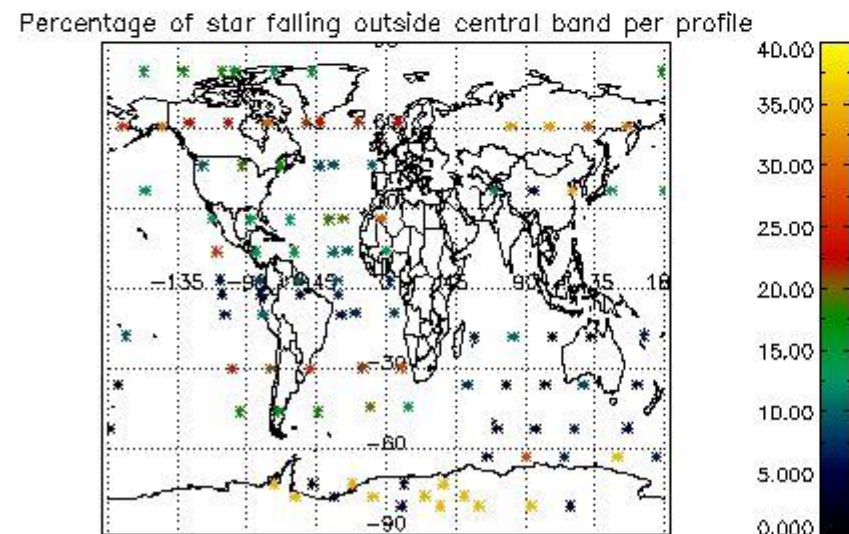
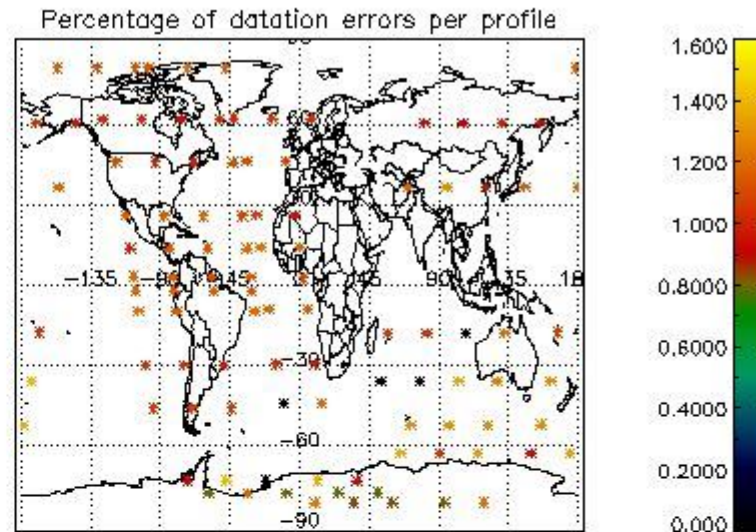
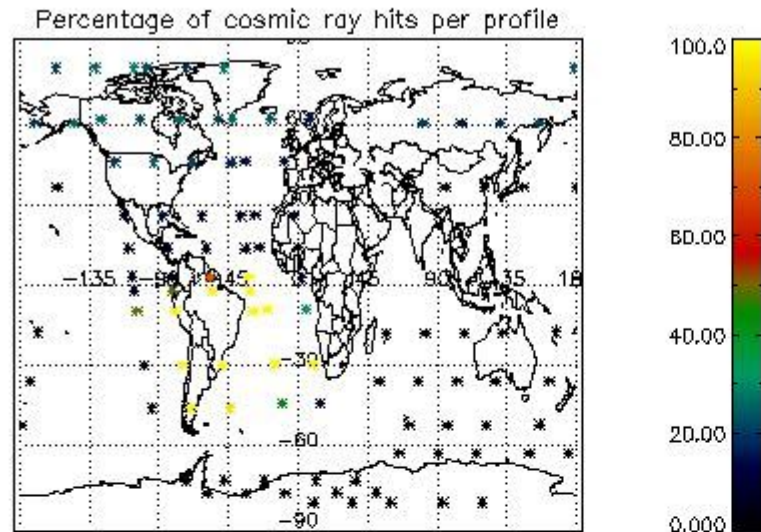
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	47.6190 %
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)



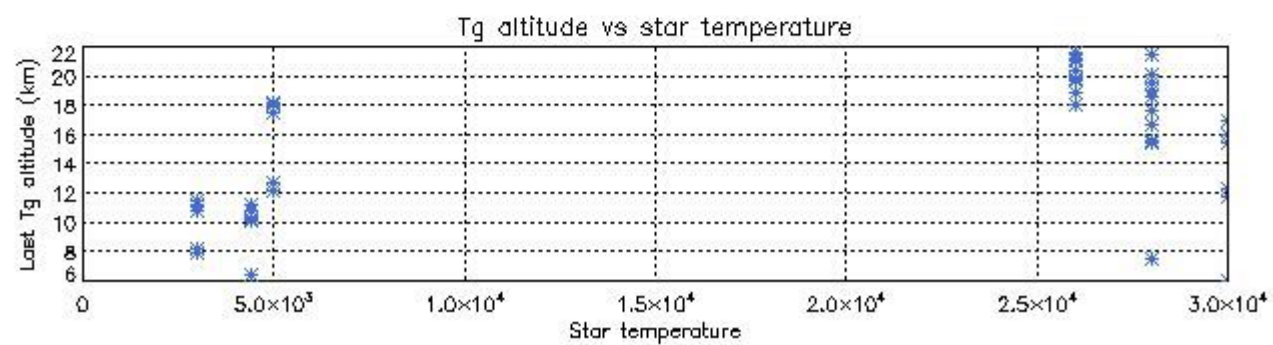
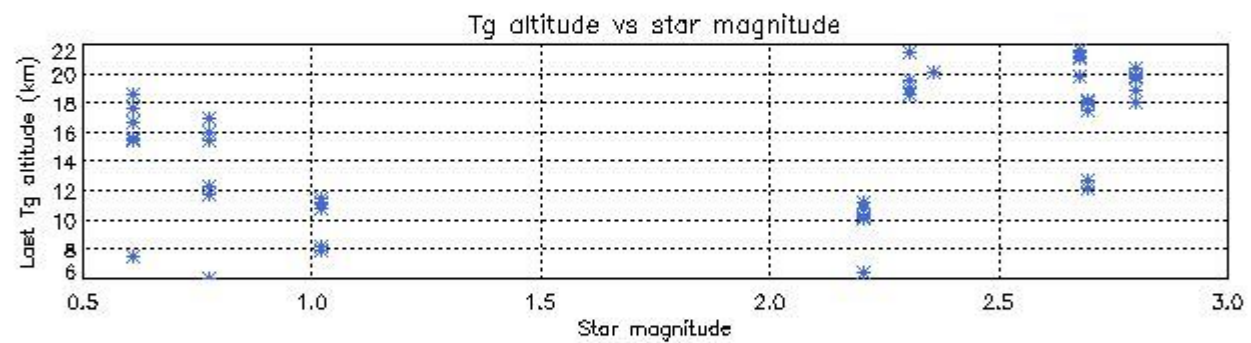
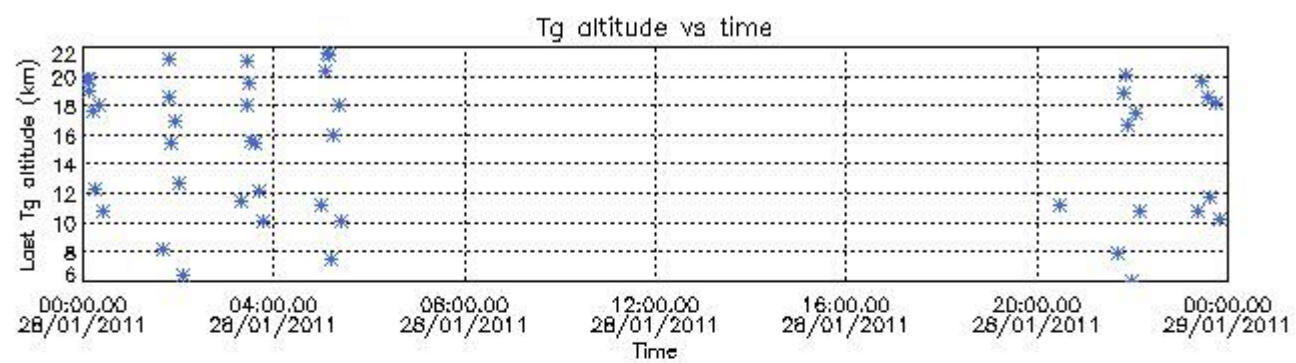
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.108	16.485	NaN
St. deviation:	4.6313	8.6241	NaN
Maximum:	21.652	29.830	NaN
Minimum:	6.0102	3.8185	NaN
Number of data:	44.000	43.000	NaN

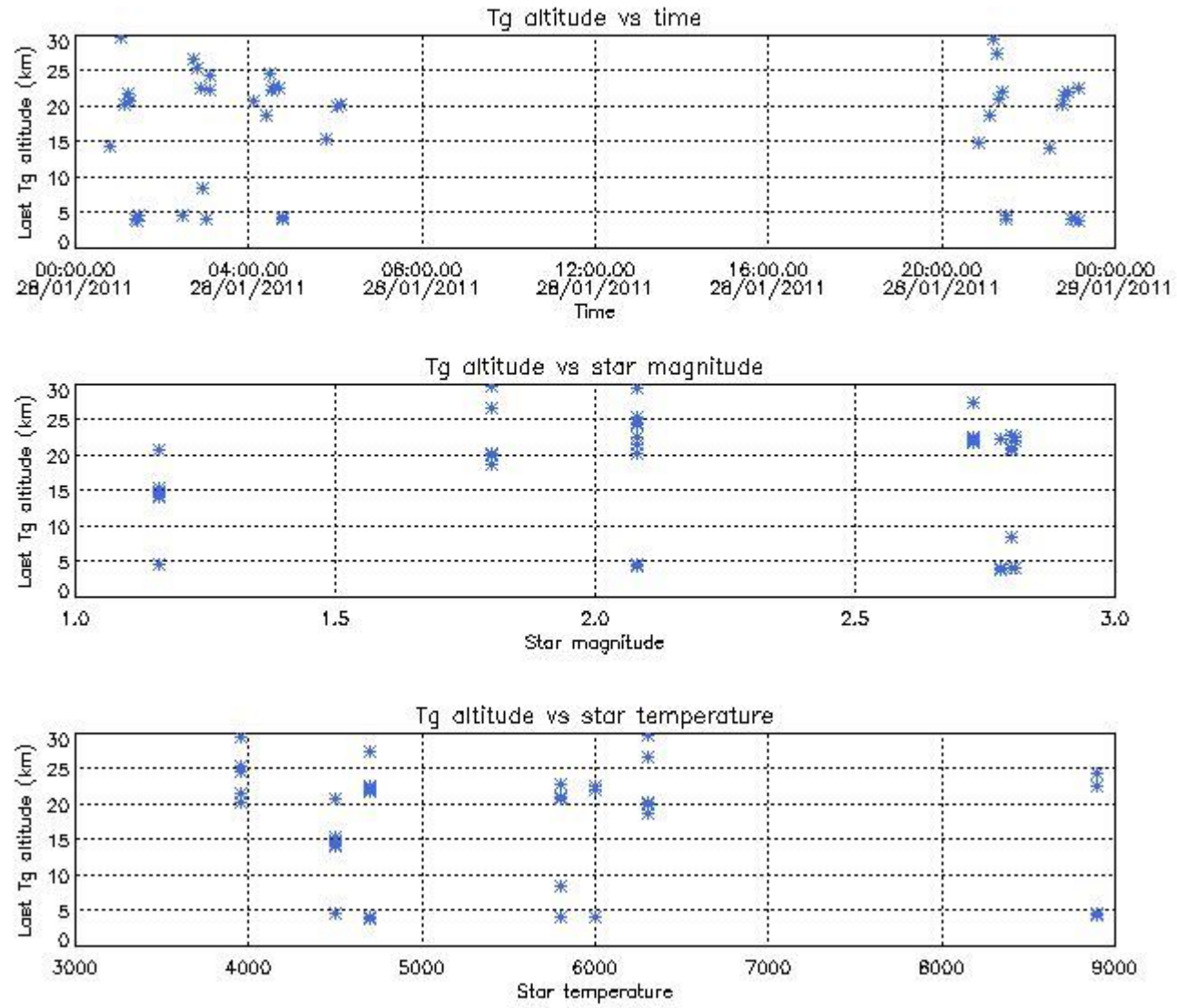
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

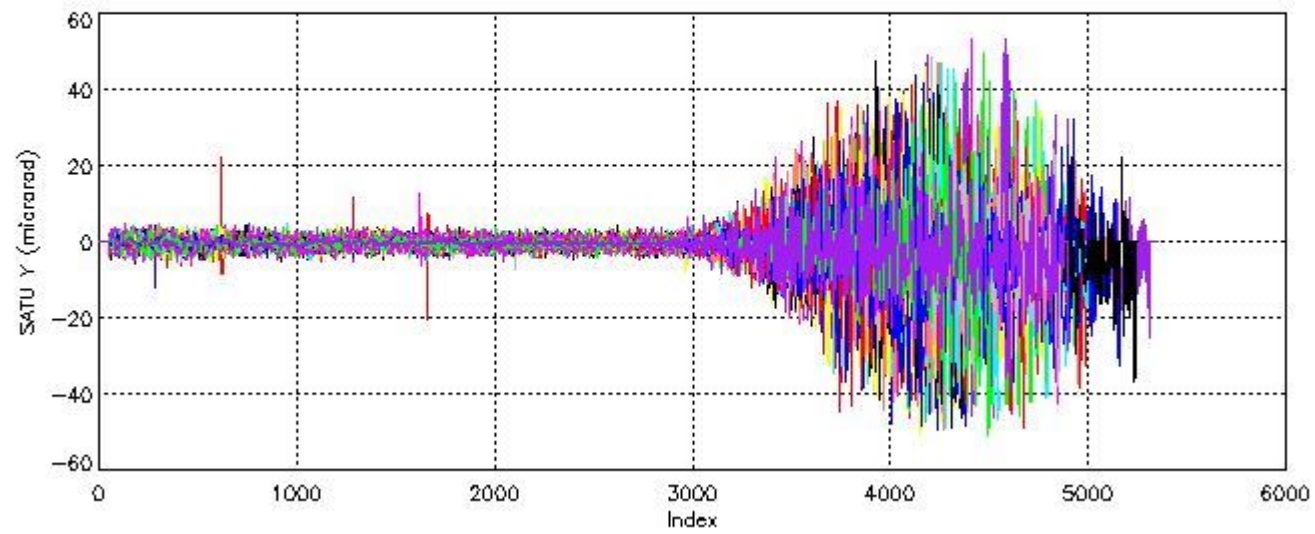
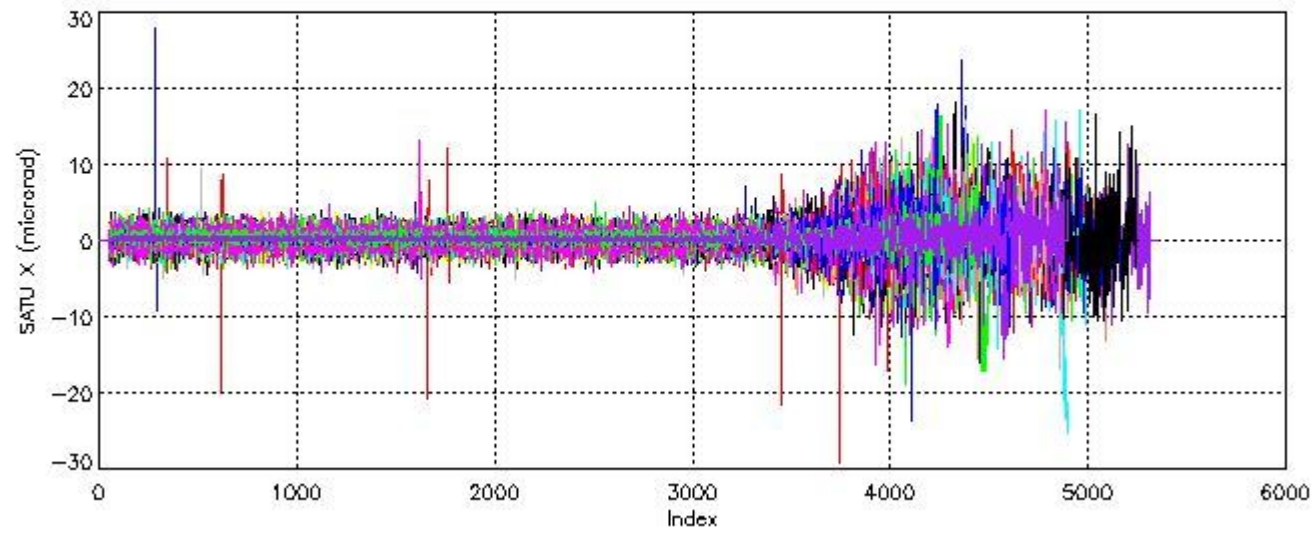


7. Star Acquisition and Tracking Unit (SATU)

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:	0.18624	-0.42566	0.13496	-0.38990
St. deviation:	0.54508	1.0753	0.56342	0.91568
Maximum:	27.900	22.000	3.3000	3.3000
Minimum:	-19.800	-12.000	-4.2000	-5.3000

Number of data:	45000.	45000.	41250.	41250.
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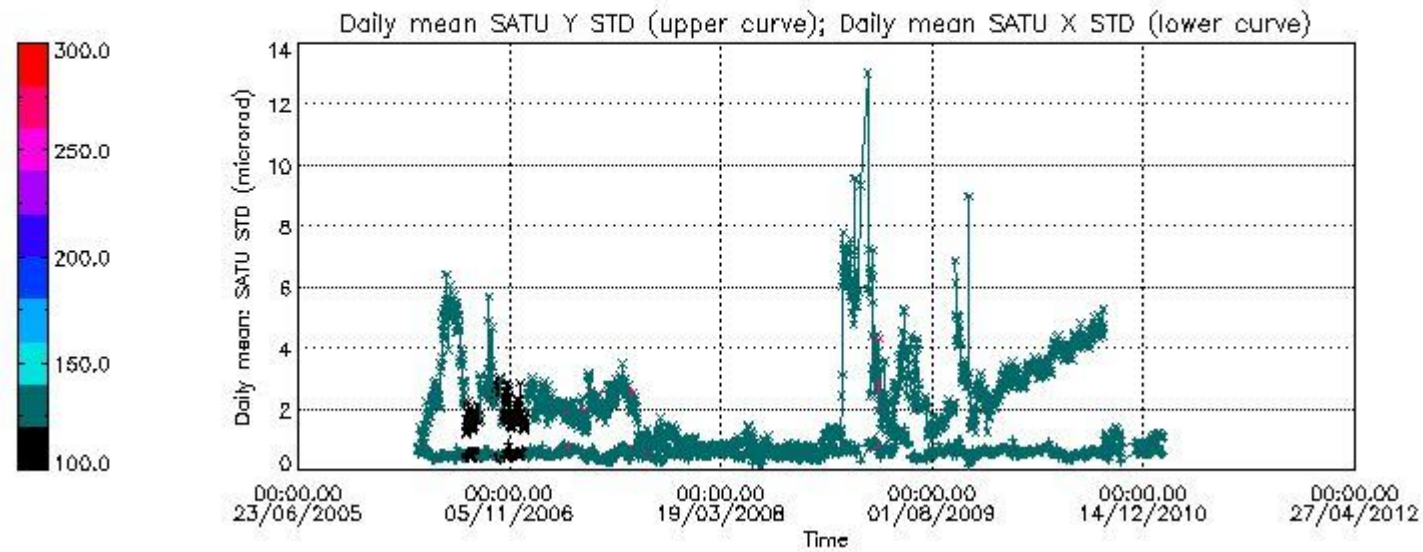
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

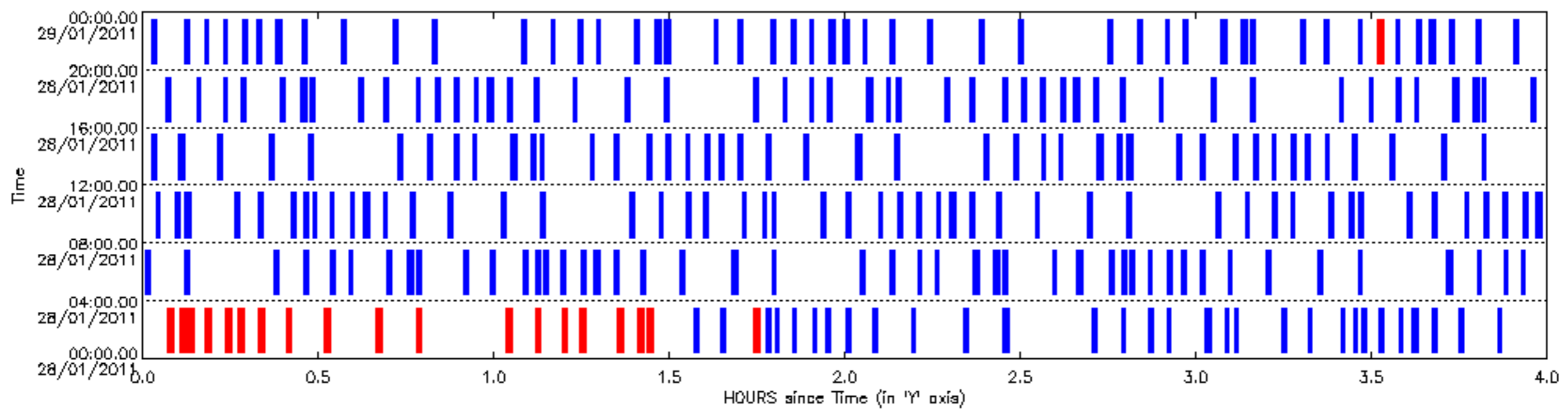
Lower curve: STD of SATU X axis

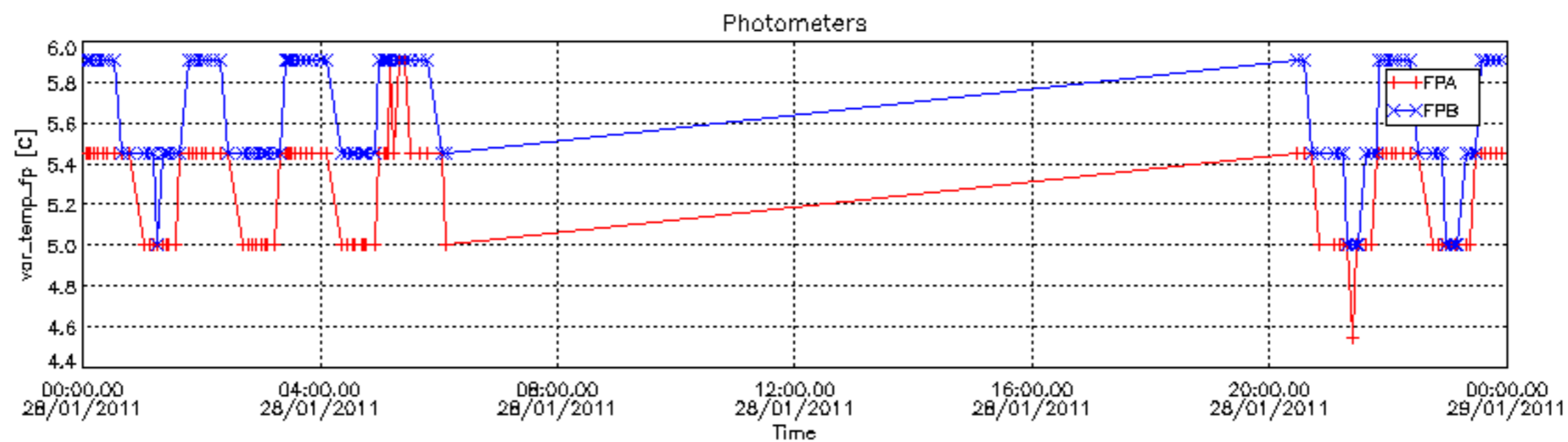
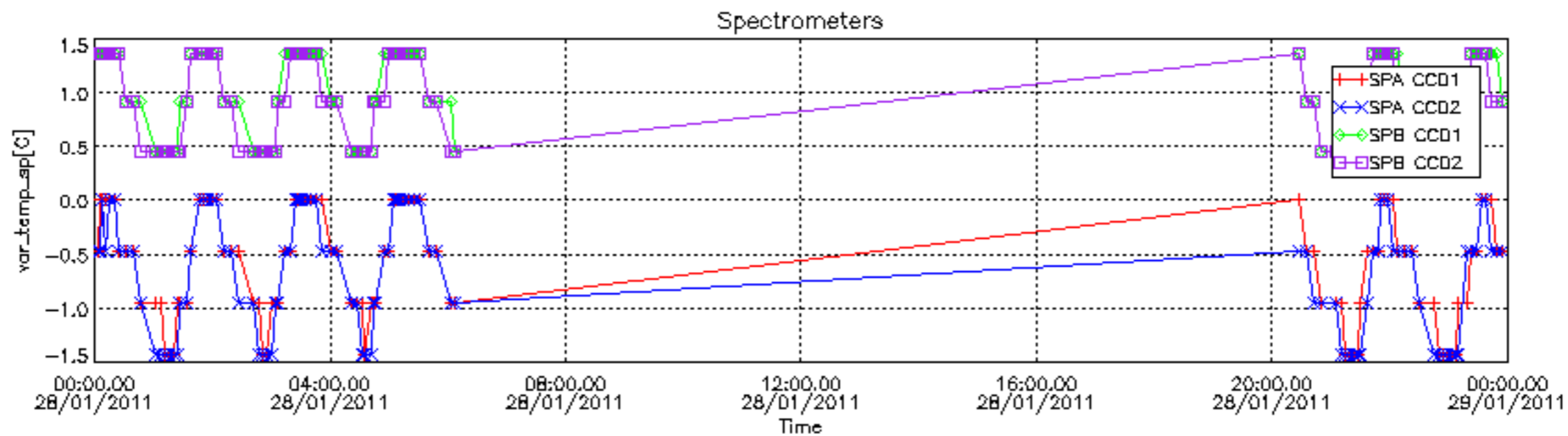


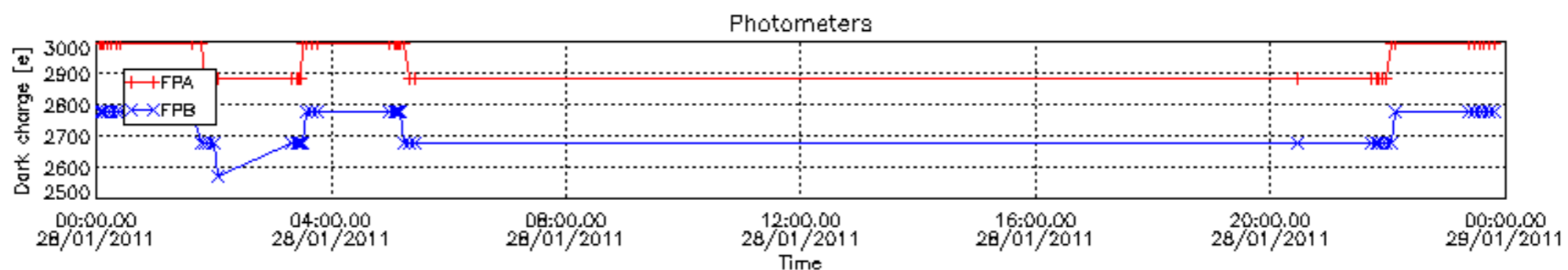
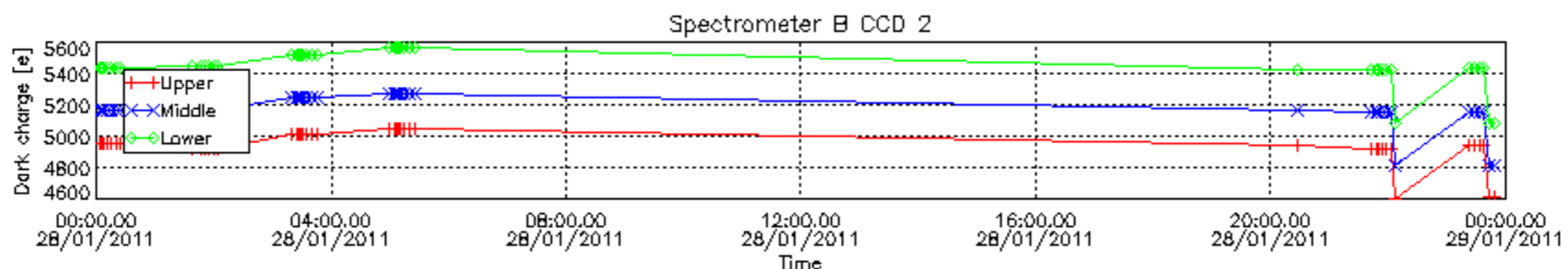
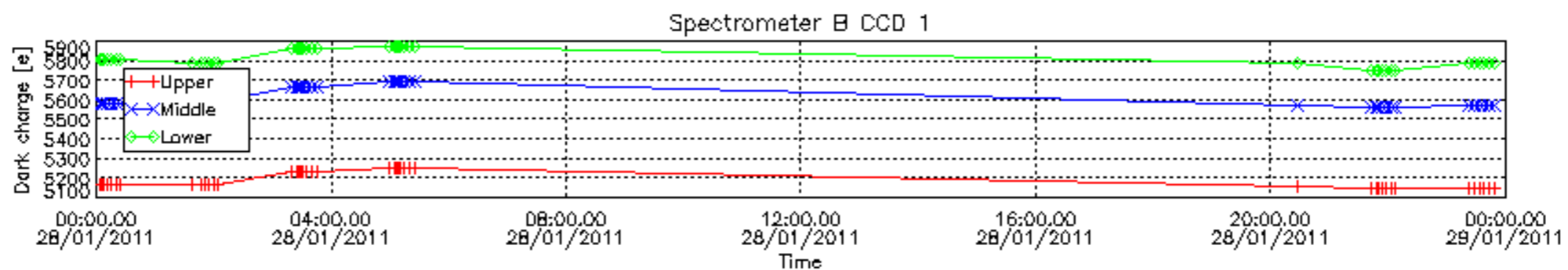
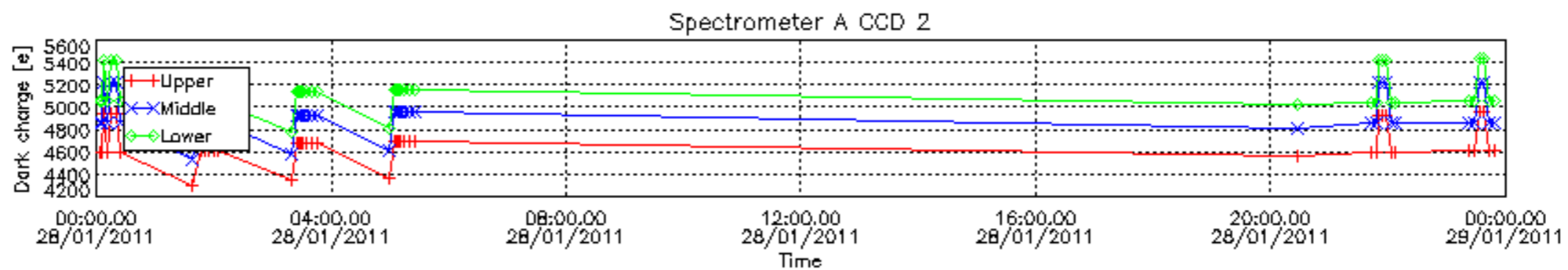
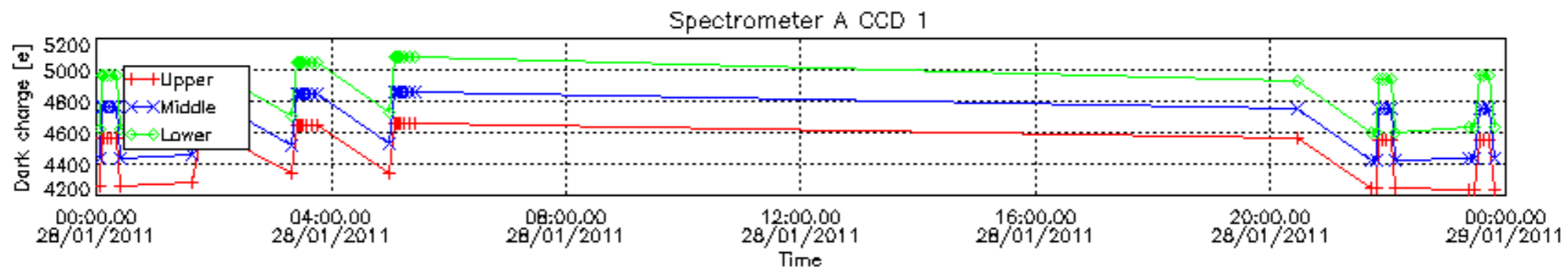
8. Auxiliary Data Files used for the production reported in section 2.4

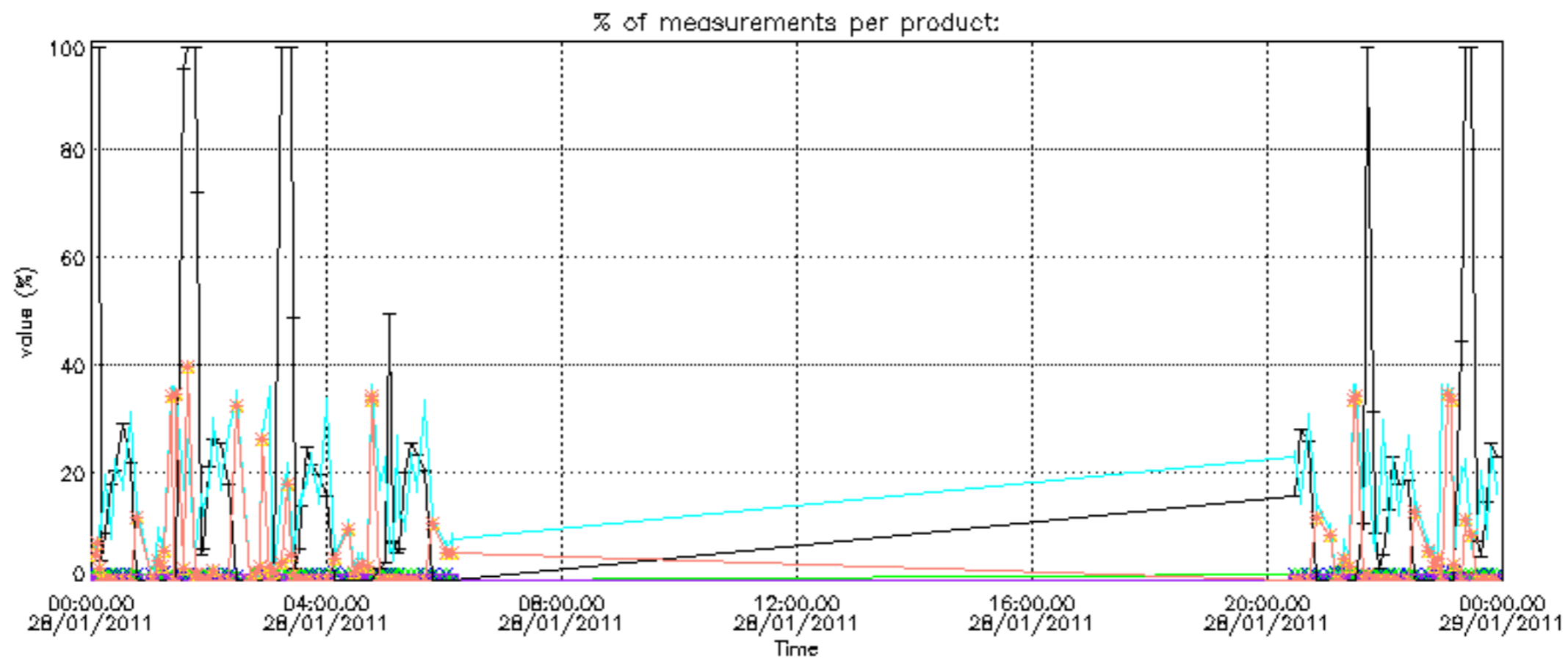
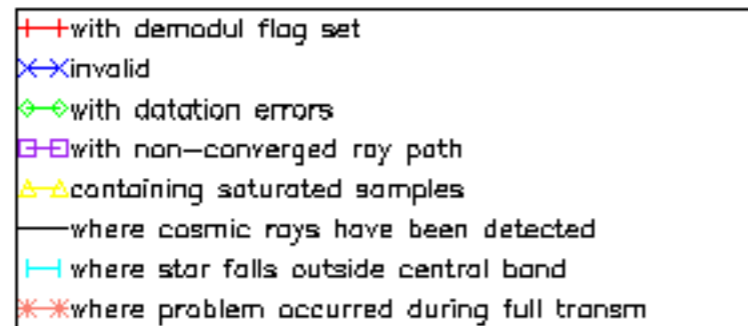
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-JAN-2011 00:04:14
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110125_110046_20110123_000000_20500101_000000	1	28-JAN-2011 00:04:14
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	28-JAN-2011 00:04:14
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	28-JAN-2011 00:04:14
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	28-JAN-2011 00:04:14
ECMWF_FILE	AUX_ECF_AXNECM20110127_052114_20110127_210000_20110128_090000	1	28-JAN-2011 00:04:14
ECMWF_FILE	AUX_ECA_AXNECM20110128_052114_20110127_210000_20110128_090000	30	28-JAN-2011 02:47:18
ECMWF_FILE	AUX_ECF_AXNECM20110128_052115_20110128_150000_20110129_030000	69	28-JAN-2011 20:27:20
ECMWF_FILE	AUX_ECF_AXNECM20110128_052116_20110128_210000_20110129_090000	80	28-JAN-2011 21:37:35
OPTIONAL_ECMWF_FILE	MISSING	1	28-JAN-2011 00:04:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110127_235138_000057383099_00030_46596_2411.N1	1	28-JAN-2011 00:04:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110128_013235_000038253099_00031_46597_2412.N1	18	28-JAN-2011 01:34:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110128_024139_000060573099_00032_46598_2413.N1	30	28-JAN-2011 02:47:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110128_042755_000054193099_00033_46599_2414.N1	50	28-JAN-2011 04:32:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110128_202417_000038253099_00043_46609_2415.N1	69	28-JAN-2011 20:27:20
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110128_213322_000060573099_00043_46609_2416.N1	80	28-JAN-2011 21:37:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110128_231419_000057383099_00044_46610_2417.N1	99	28-JAN-2011 23:21:59

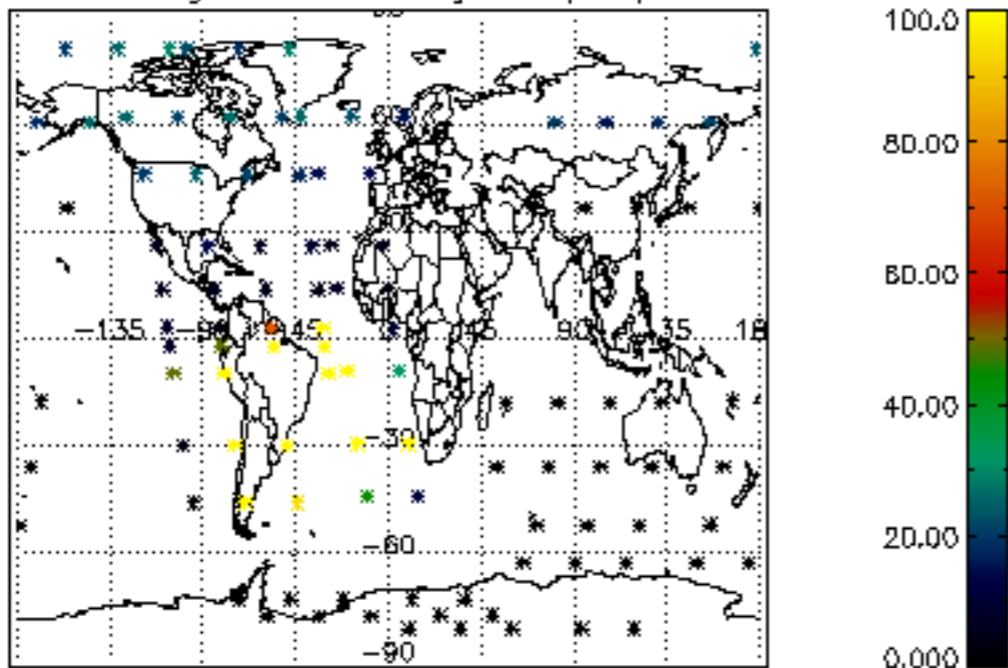




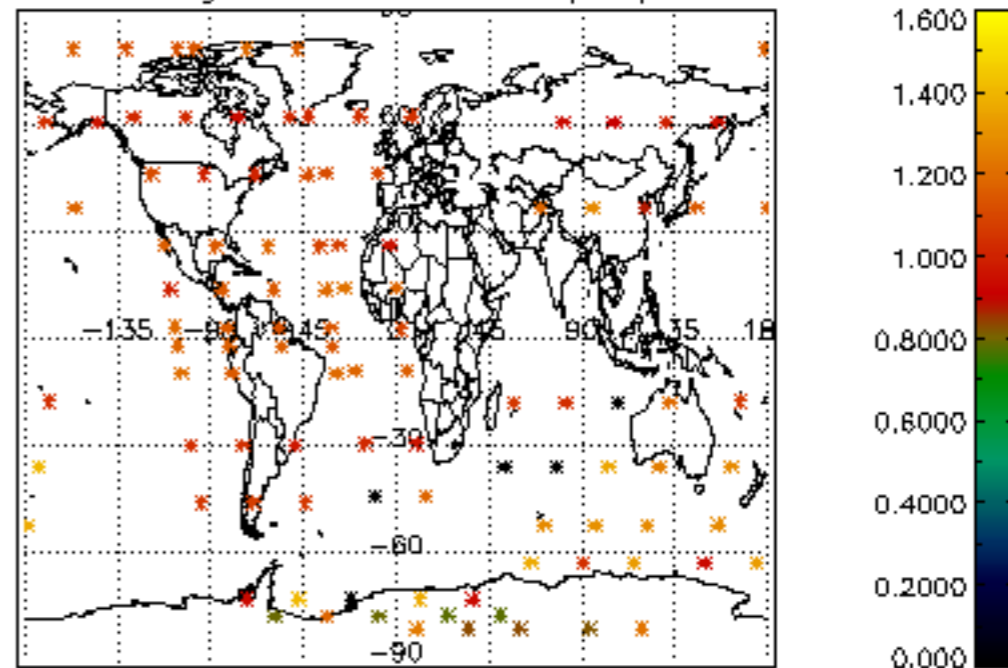




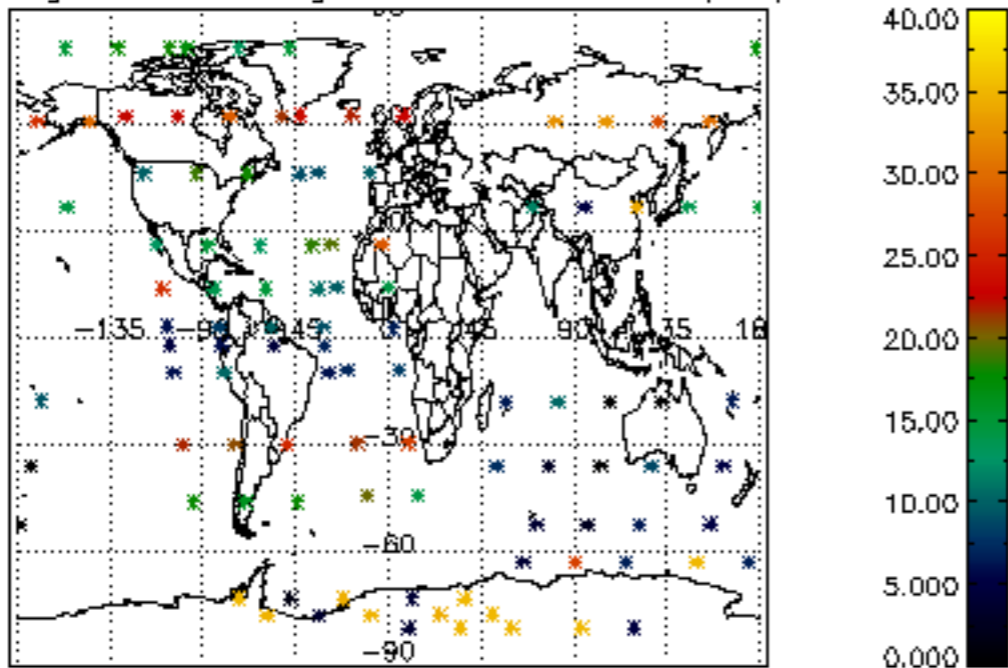
Percentage of cosmic ray hits per profile



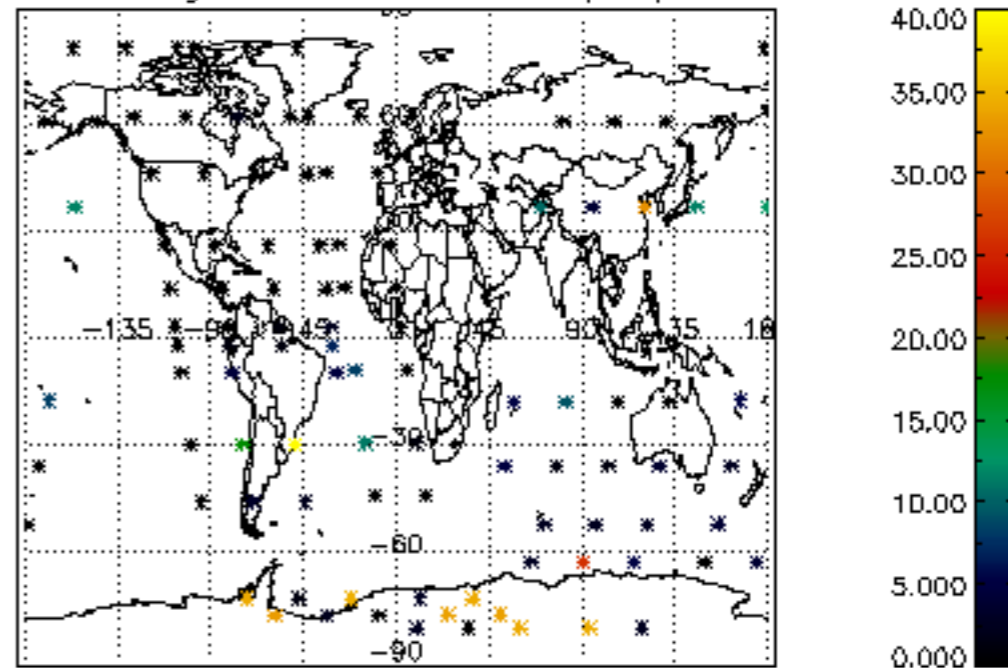
Percentage of datation errors per profile



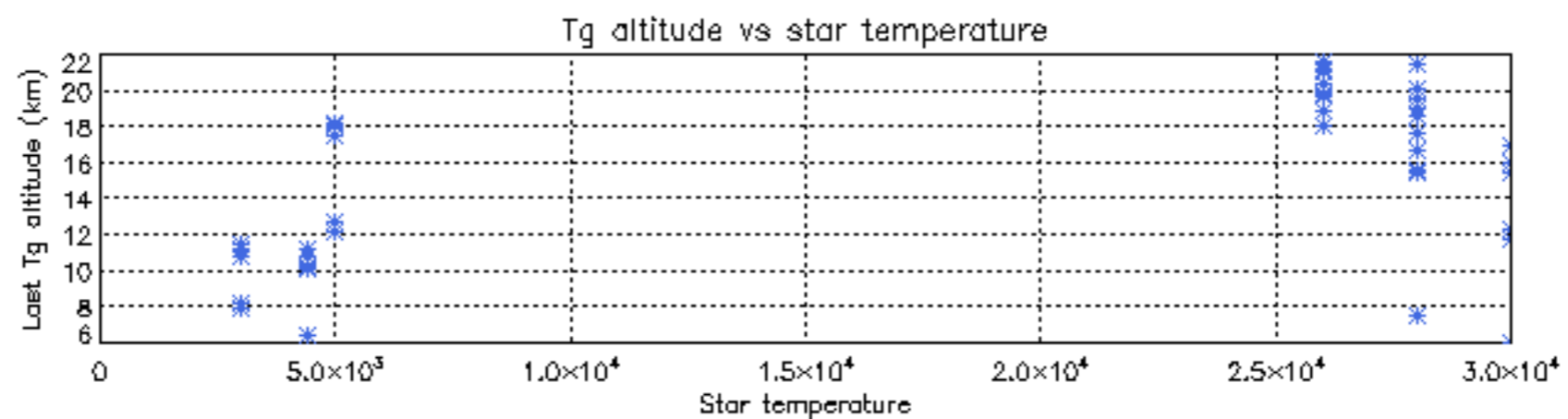
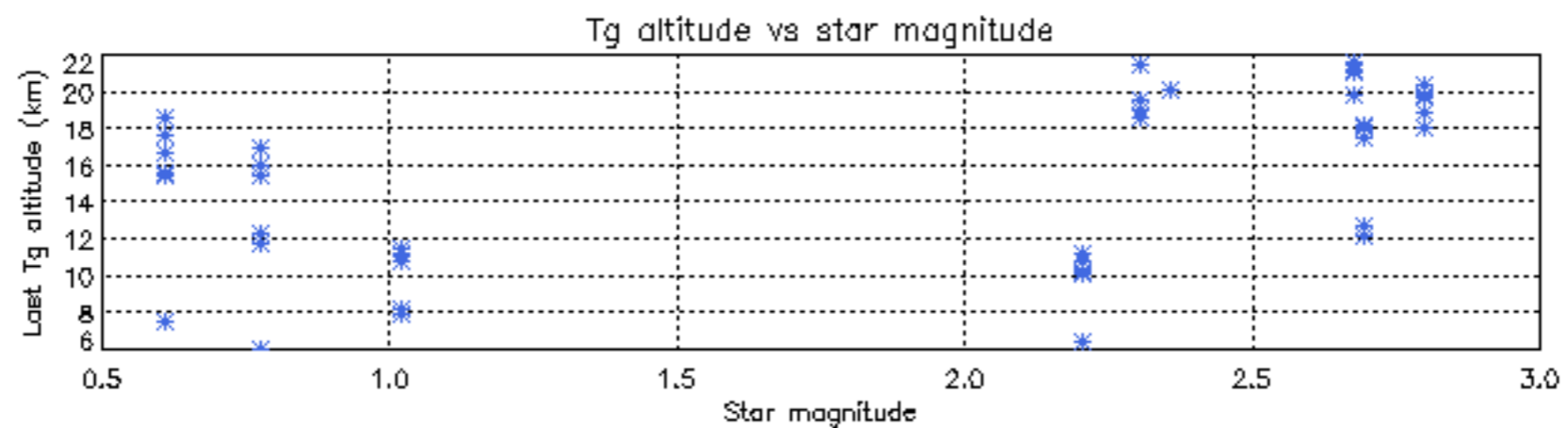
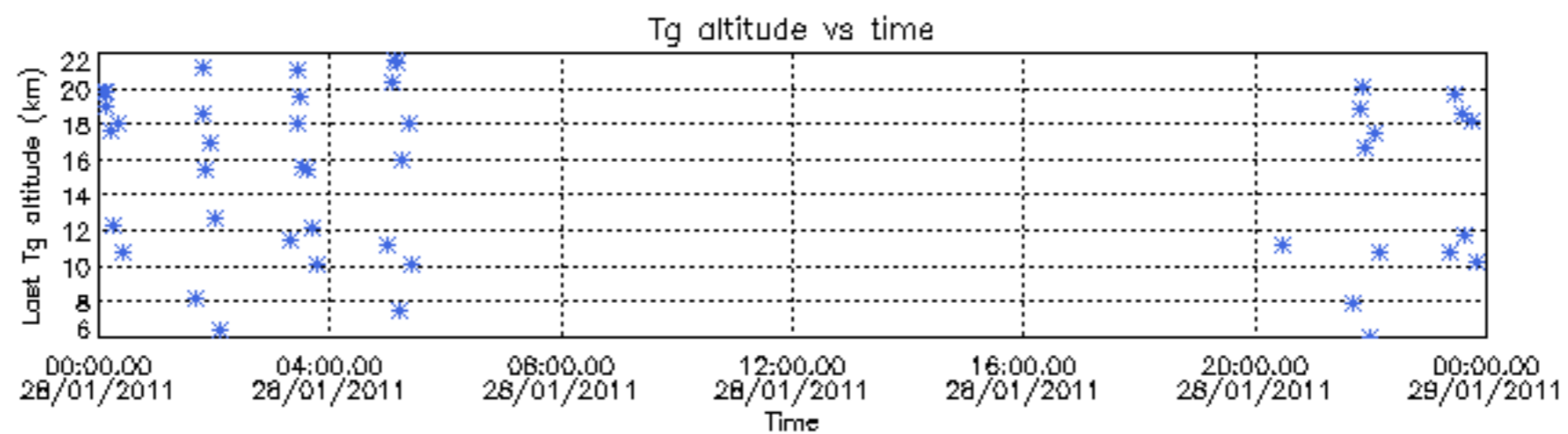
Percentage of star falling outside central band per profile



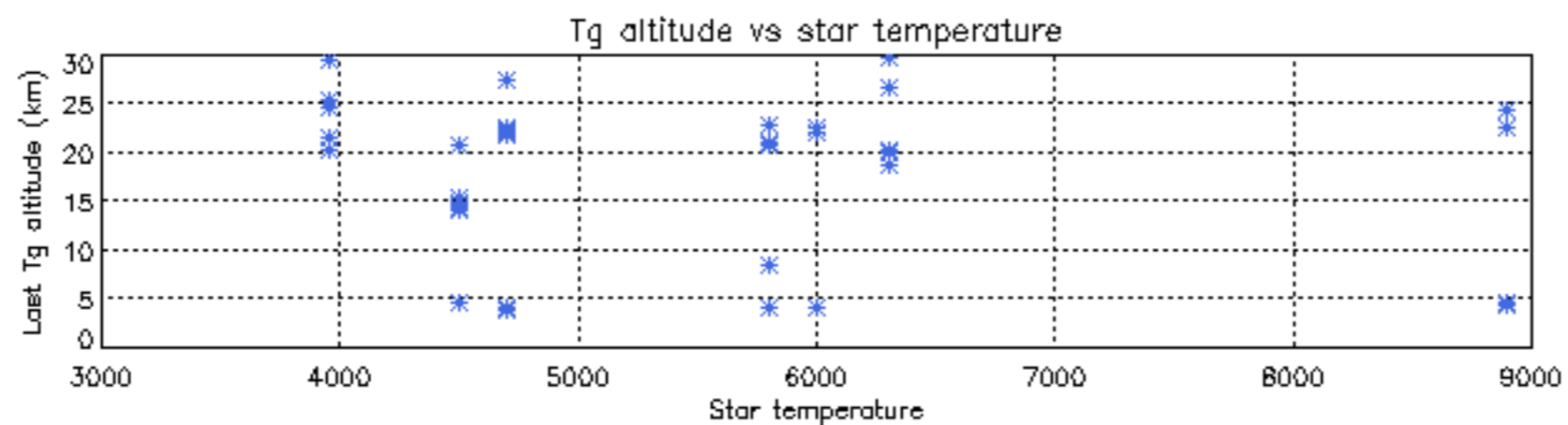
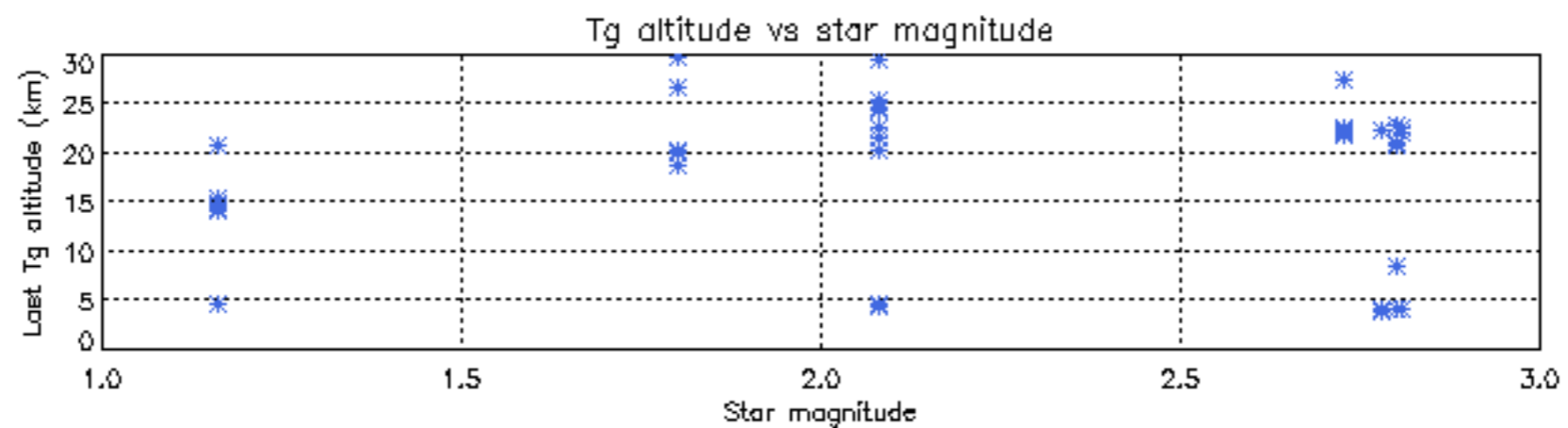
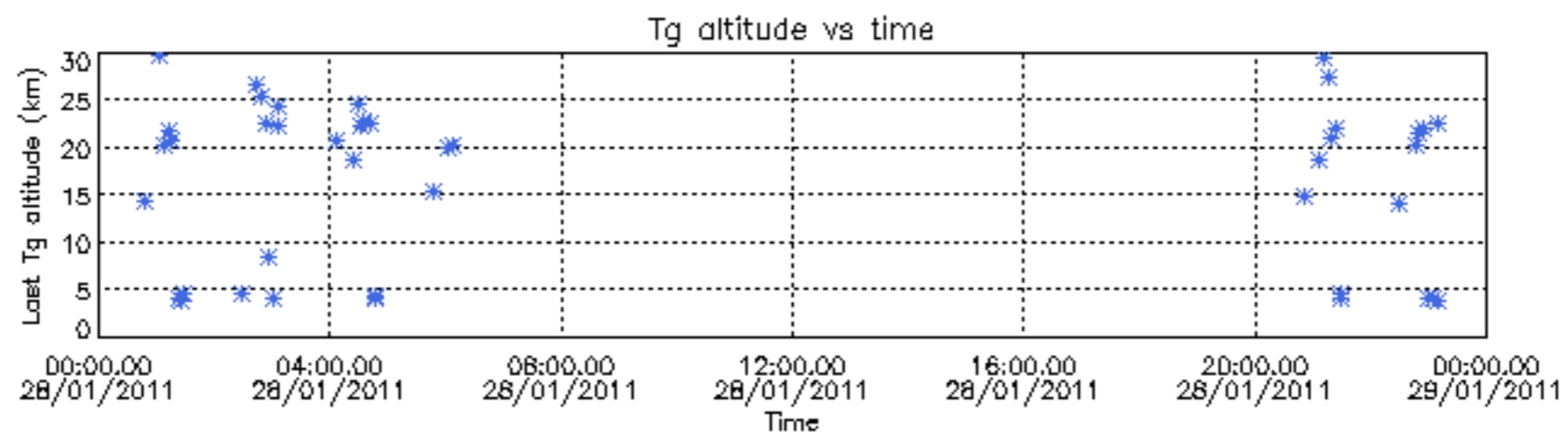
Percentage of saturation errors per profile

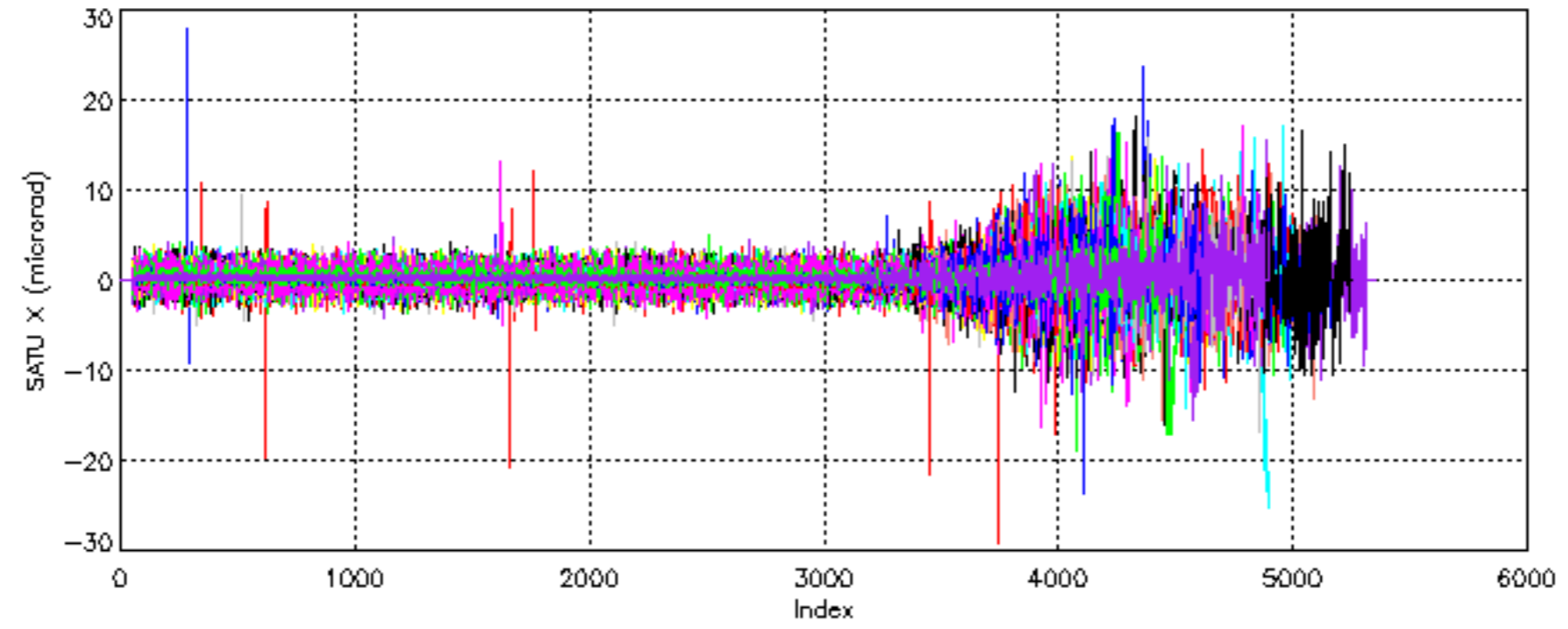


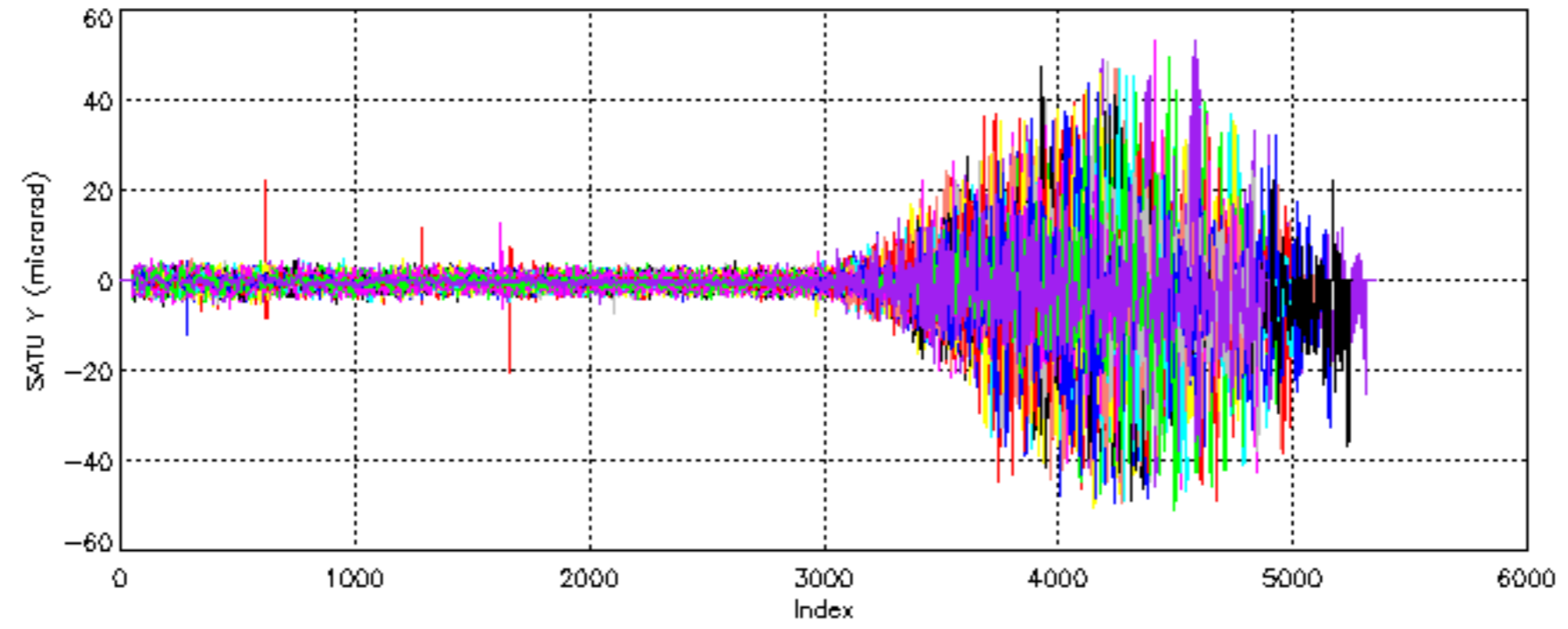
Tangent altitude at which the star is lost

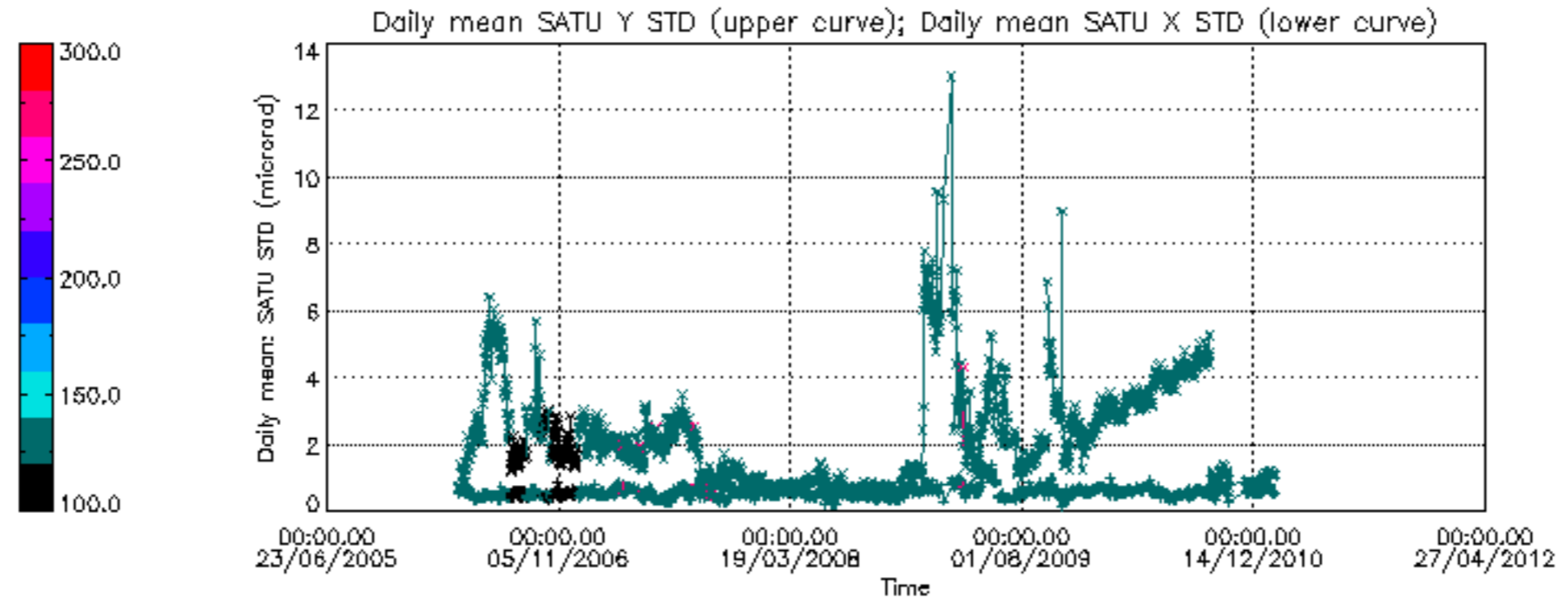


Tangent altitude at which the star is lost









/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
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13;	1423.0;	01-JAN-2011	02:00:15;	Dark	;	45.0;	179;	240mi2CMA	;	3.03;	24000;	occ;	90;	0;	46210
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15;	1719.7;	01-JAN-2011	02:05:12;	Dark	;	42.5;	56;	53Kap Ori	;	2.07;	30000;	occ;	85;	0;	46210
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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
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2;	-2124.9;	01-JAN-2011	04:21:36;	Bright;	;	47.5;	32;	77Eps UMa	;	1.76;	11000;	occ;	95;	0;	46211
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 34; 6523.3; 04-JAN-2011 03:15:19; Dark ; 54.0; 113; Mu Vel ; 2.69; 5000;occ; 108; 0;46254
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7; 262.7; 04-JAN-2011 21:33:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46265
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 11; 1079.7; 06-JAN-2011 23:54:24; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;46295
 12; 1192.3; 06-JAN-2011 23:56:16; Dark ; 46.0; 117; Pi Pup ; 2.71; 3800;occ; 92; 0;46295
 13; 1352.7; 06-JAN-2011 23:58:57; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;46295
 14; 1441.3; 07-JAN-2011 00:00:25; Dark ; 37.5; 179; 240mi2CMA ; 3.03; 24000;occ; 75; 0;46295
 15; 1581.2; 07-JAN-2011 00:02:45; Dark ; 53.0; 1; 9Alp CMA ; -1.44; 11000;occ; 106; 0;46295
 16; 2018.5; 07-JAN-2011 00:10:02; Dark ; 47.5; 14; 58Alp Ori ; 0.87; 3000;occ; 95; 0;46295
 17; 2191.6; 07-JAN-2011 00:12:56; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;46295
 18; 2291.8; 07-JAN-2011 00:14:36; Bright; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;46295
 19; 2535.1; 07-JAN-2011 00:18:39; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46295
 20; 2667.6; 07-JAN-2011 00:20:52; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46295
 21; 3662.1; 07-JAN-2011 00:37:26; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46295
 22; 3904.9; 07-JAN-2011 00:41:29; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;46295
 23; 4066.0; 07-JAN-2011 00:44:10; Bright; 68.0; 39; 85Eta UMA ; 1.85; 24000;occ; 136; 0;46295
 24; 4332.4; 07-JAN-2011 00:48:36; Bright; 67.0; 180; 27Gam Boo ; 3.04; 8000;occ; 134; 0;46295
 25; 4570.7; 07-JAN-2011 00:52:35; Bright; 47.5; 83; ; 2.38; 11000;occ; 95; 0;46295
 26; 4896.1; 07-JAN-2011 00:58:00; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46295
 27; 5214.5; 07-JAN-2011 01:03:19; Dark ; 47.0; 104; 27Bet Lib ; 2.61; 13100;occ; 94; 0;46295

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 7; -805.7; 06-JAN-2011 06:40:38; Dark ; 45.0; 104; 27Bet Lib ; 2.61; 13100;occ; 90; 0;46284
 8; -635.4; 06-JAN-2011 06:43:28; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46284
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 12; 204.1; 06-JAN-2011 06:57:28; Dark ; 40.0; 20; Bet Cru ; 1.25; 30000;occ; 80; 0;46285
 13; 281.5; 06-JAN-2011 06:58:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46285
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 15; 663.4; 06-JAN-2011 07:05:07; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;46285
 16; 776.9; 06-JAN-2011 07:07:01; Dark ; 44.0; 46; Del Vel ; 1.95; 10600;occ; 88; 0;46285
 17; 945.1; 06-JAN-2011 07:09:49; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46285
 18; 1075.3; 06-JAN-2011 07:11:59; Dark ; 44.5; 70; Zet Pup ; 2.25; 39000;occ; 89; 0;46285
 19; 1189.6; 06-JAN-2011 07:13:54; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;46285
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 21; 1439.2; 06-JAN-2011 07:18:03; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;46285
 22; 1580.0; 06-JAN-2011 07:20:24; Dark ; 51.0; 1; 9Alp CMA ; -1.44; 11000;occ; 102; 0;46285

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 3; 2293.8; 06-JAN-2011 07:32:18; Bright; 43.0; 151; 13Mu Gem ; 2.89; 3000;occ; 86; 0;46285
 4; 2536.7; 06-JAN-2011 07:36:21; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46285
 5; 2669.4; 06-JAN-2011 07:38:33; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;46285
 6; 3663.3; 06-JAN-2011 07:55:07; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46285
 7; 3904.7; 06-JAN-2011 07:59:09; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46285
 8; 4068.9; 06-JAN-2011 08:01:53; Bright; 48.0; 39; 85Eta UMA ; 1.85; 24000;occ; 96; 0;46285
 9; 4332.5; 06-JAN-2011 08:06:16; Bright; 44.0; 180; 27Gam Boo ; 3.04; 8000;occ; 88; 0;46285
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 11; 4892.8; 06-JAN-2011 08:15:37; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46285
 12; 5208.9; 06-JAN-2011 08:20:53; Dark ; 46.0; 104; 27Bet Lib ; 2.61; 13100;occ; 92; 0;46285
 13; 5379.3; 06-JAN-2011 08:23:43; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46285
 14; 5800.4; 06-JAN-2011 08:30:44; Dark ; 46.0; 54; 5The Cen ; 2.06; 4500;occ; 92; 0;46285
 15; 5956.4; 06-JAN-2011 08:33:20; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;46285
 16; 6056.3; 06-JAN-2011 08:35:00; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;46286

17; 6218.7; 06-JAN-2011 08:37:43; Dark ; 44.0; 20; Bet Cru ; 1.25; 3000;occ; 88; 0;46286
 18; 6296.5; 06-JAN-2011 08:39:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46286
 19; 6551.0; 06-JAN-2011 08:43:15; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46286
 20; 6677.9; 06-JAN-2011 08:45:22; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46286
 21; 6791.5; 06-JAN-2011 08:47:15; Dark ; 47.0; 46; Del Vel ; 1.95; 10600;occ; 94; 0;46286
 22; 6959.5; 06-JAN-2011 08:50:03; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;46286
 23; 7089.8; 06-JAN-2011 08:52:14; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46286
 24; 7203.9; 06-JAN-2011 08:54:08; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 0;46286
 25; 7364.7; 06-JAN-2011 08:56:49; Dark ; 44.0; 23; 21Eps CMA ; 1.50; 26000;occ; 88; 0;46286
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 27; 7594.2; 06-JAN-2011 09:00:38; Dark ; 56.0; 1; 9Alp CMA ; -1.44; 11000;occ; 112; 0;46286

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 3; 2293.7; 06-JAN-2011 09:12:32; Bright; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;46286
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 7; 3904.7; 06-JAN-2011 09:39:23; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46286
 8; 4068.6; 06-JAN-2011 09:42:06; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;46286
 9; 4332.3; 06-JAN-2011 09:46:30; Bright; 43.5; 180; 27Gam Boo ; 3.04; 8000;occ; 87; 0;46286
 10; 4568.7; 06-JAN-2011 09:50:27; Bright; 53.5; 83; ; 2.38; 11000;occ; 107; 0;46286
 11; 4893.1; 06-JAN-2011 09:55:51; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46286
 12; 5209.5; 06-JAN-2011 10:01:07; Dark ; 44.5; 104; 27Bet Lib ; 2.61; 13100;occ; 89; 0;46286
 13; 5379.9; 06-JAN-2011 10:03:58; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;46286
 14; 5801.4; 06-JAN-2011 10:10:59; Dark ; 49.5; 54; 5The Cen ; 2.06; 4500;occ; 99; 0;46286
 15; 5957.3; 06-JAN-2011 10:13:35; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;46286
 16; 6057.0; 06-JAN-2011 10:15:15; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46287
 17; 6219.3; 06-JAN-2011 10:17:57; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46287
 18; 6297.4; 06-JAN-2011 10:19:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46287
 19; 6551.8; 06-JAN-2011 10:23:30; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;46287
 20; 6678.3; 06-JAN-2011 10:25:36; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;46287
 21; 6792.0; 06-JAN-2011 10:27:30; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;46287
 22; 6960.0; 06-JAN-2011 10:30:18; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;46287
 23; 7090.2; 06-JAN-2011 10:32:28; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;46287
 24; 7204.2; 06-JAN-2011 10:34:22; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;46287
 25; 7365.0; 06-JAN-2011 10:37:03; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;46287
 26; 7453.6; 06-JAN-2011 10:38:32; Dark ; 40.5; 179; 240mi2CMA ; 3.03; 24000;occ; 81; 0;46287
 27; 7594.2; 06-JAN-2011 10:40:52; Dark ; 13.0; 1; 9Alp CMA ; -1.44; 11000;occ; 26; 0;46287

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 2; 2018.5; 06-JAN-2011 10:48:10; Dark ; 49.0; 14; 58Alp Ori ; 0.87; 3000;occ; 98; 0;46287
 3; 2193.4; 06-JAN-2011 10:51:05; Dark ; 39.0; 44; 24Gam Gem ; 1.93; 11000;occ; 78; 0;46287
 4; 2293.3; 06-JAN-2011 10:52:45; Bright; 37.0; 151; 13Mu Gem ; 2.89; 3000;occ; 74; 0;46287
 5; 2536.3; 06-JAN-2011 10:56:48; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46287
 6; 2669.2; 06-JAN-2011 10:59:01; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46287
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 9; 4068.3; 06-JAN-2011 11:22:20; Bright; 47.0; 39; 85Eta UMa ; 1.85; 24000;occ; 94; 0;46287
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 12; 4893.5; 06-JAN-2011 11:36:05; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46287
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 15; 5802.2; 06-JAN-2011 11:51:14; Dark ; 50.5; 54; 5The Cen ; 2.06; 4500;occ; 101; 0;46287
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 23; 6960.5; 06-JAN-2011 12:10:32; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46288
 24; 7090.8; 06-JAN-2011 12:12:43; Dark ; 43.5; 70; Zet Pup ; 2.25; 39000;occ; 87; 0;46288
 25; 7204.4; 06-JAN-2011 12:14:36; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46288
 26; 7365.2; 06-JAN-2011 12:17:17; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;46288
 27; 7453.8; 06-JAN-2011 12:18:46; Dark ; 43.0; 179; 240mi2CMA ; 3.03; 24000;occ; 86; 0;46288
 28; 7594.4; 06-JAN-2011 12:21:06; Dark ; 18.5; 1; 9Alp CMA ; -1.44; 11000;occ; 37; 0;46288

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 3; 2193.1; 06-JAN-2011 12:31:19; Dark ; 52.0; 44; 24Gam Gem ; 1.93; 11000;occ; 104; 0;46288
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 5; 2536.0; 06-JAN-2011 12:37:02; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46288
 6; 2669.0; 06-JAN-2011 12:39:15; Bright; 39.0; 42; 34Bet Aur ; 1.90; 10200;occ; 78; 0;46288
 7; 3663.1; 06-JAN-2011 12:55:49; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;46288
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 18; 6220.5; 06-JAN-2011 13:38:26; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;46289
 19; 6299.3; 06-JAN-2011 13:39:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46289
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 22; 6793.0; 06-JAN-2011 13:47:59; Dark ; 40.0; 46; Del Vel ; 1.95; 10600;occ; 80; 0;46289
 23; 6960.9; 06-JAN-2011 13:50:47; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46289
 24; 7090.9; 06-JAN-2011 13:52:57; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46289
 25; 7204.9; 06-JAN-2011 13:54:51; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46289
 26; 7365.4; 06-JAN-2011 13:57:31; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;46289
 27; 7454.2; 06-JAN-2011 13:59:00; Dark ; 41.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 82; 0;46289

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7; 3659.4; 08-JAN-2011 10:02:04; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46315
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 23; 6799.5; 17-JAN-2011 12:04:46; Dark ; 40.5; 91; Kap Vel ; 2.49; 26000;occ; 81; 0;46446
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 11; 5088.7; 17-JAN-2011 13:16:29; Bright; 58.0; 120; 1Del Oph ; 2.73; 3200;occ; 116; 0;46446
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 9; 4963.7; 17-JAN-2011 14:54:38; Bright; 64.0; 102; 24Alp Ser ; 2.60; 4250;occ; 128; 0;46447
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 21; 6166.5; 17-JAN-2011 18:35:09; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46450
 22; 6367.4; 17-JAN-2011 18:38:30; Dark ; 39.0; 12; Alp1Cru ; 0.77; 30000;occ; 78; 0;46450
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 7; 355.6; 18-JAN-2011 01:19:28; Dark ; 44.5; 12; Alp1Cru ; 0.77; 30000;occ; 89; 0;46454
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28; 5961.0; 18-JAN-2011 02:52:54; Dark ; 50.5; 54; 5The Cen ; 2.06; 4500;occ; 101; 0;46454
29; 6085.6; 18-JAN-2011 02:54:58; Dark ; 43.0; 95; Zet Cen ; 2.55; 26000;occ; 86; 0;46455
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34; 6803.9; 18-JAN-2011 03:06:56; Dark ; 39.0; 91; Kap Vel ; 2.49; 26000;occ; 78; 0;46455
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38; 8007.3; 18-JAN-2011 03:27:00; Dark ; 61.0; 8; 10Alp CMi ; 0.40; 6500;occ; 122; 0;46455
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41; 8447.6; 18-JAN-2011 03:34:20; Bright; 47.5; 17; 78Bet Gem ; 1.16; 4500;occ; 95; 0;46455
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13; 3886.8; 27-JAN-2011 01:48:27; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;46583
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14; 5546.3; 31-JAN-2011 16:31:32; Dark ; 48.5; 16; 21Alp Sco ; 1.02; 3000;occ; 97; 0;46649
15; 5628.9; 31-JAN-2011 16:32:54; Dark ; 46.5; 158; 6Pi Sco ; 2.91; 28000;occ; 93; 0;46649
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