

GOMOS Daily Report 30-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	02FEB2011 04:57:36
Data source version	GOMOS/5.01
Start time of products	30JAN2011 00:01:16
Stop time of products	30JAN2011 23:57:01
Store outputs in DB	Yes
Nb of level 1b prods	108
Nb of prods with errors	0

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

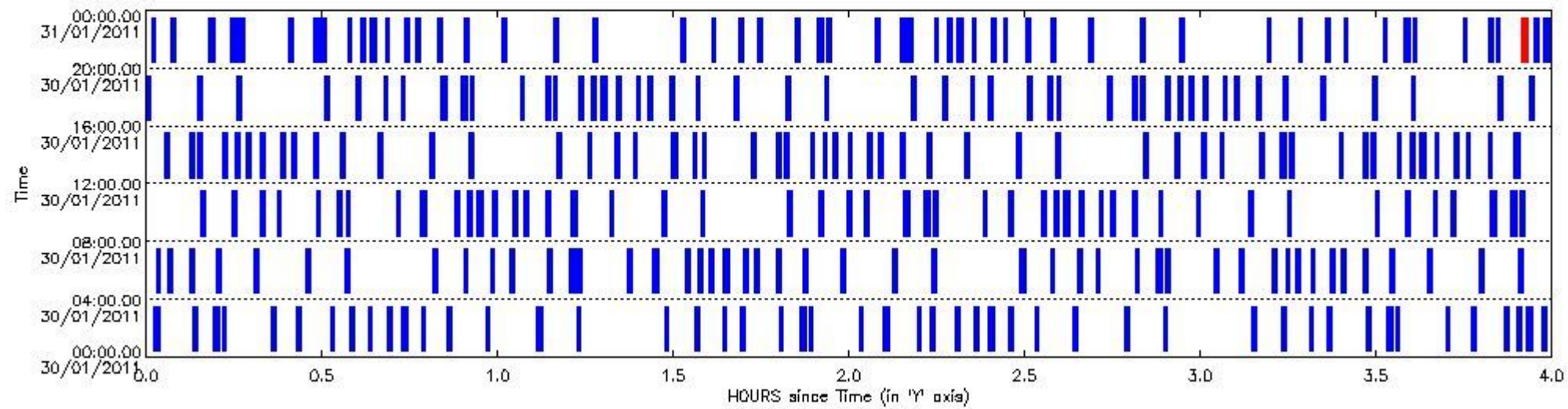
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
30-JAN-2011 23:54:46	GamLup	131	46639

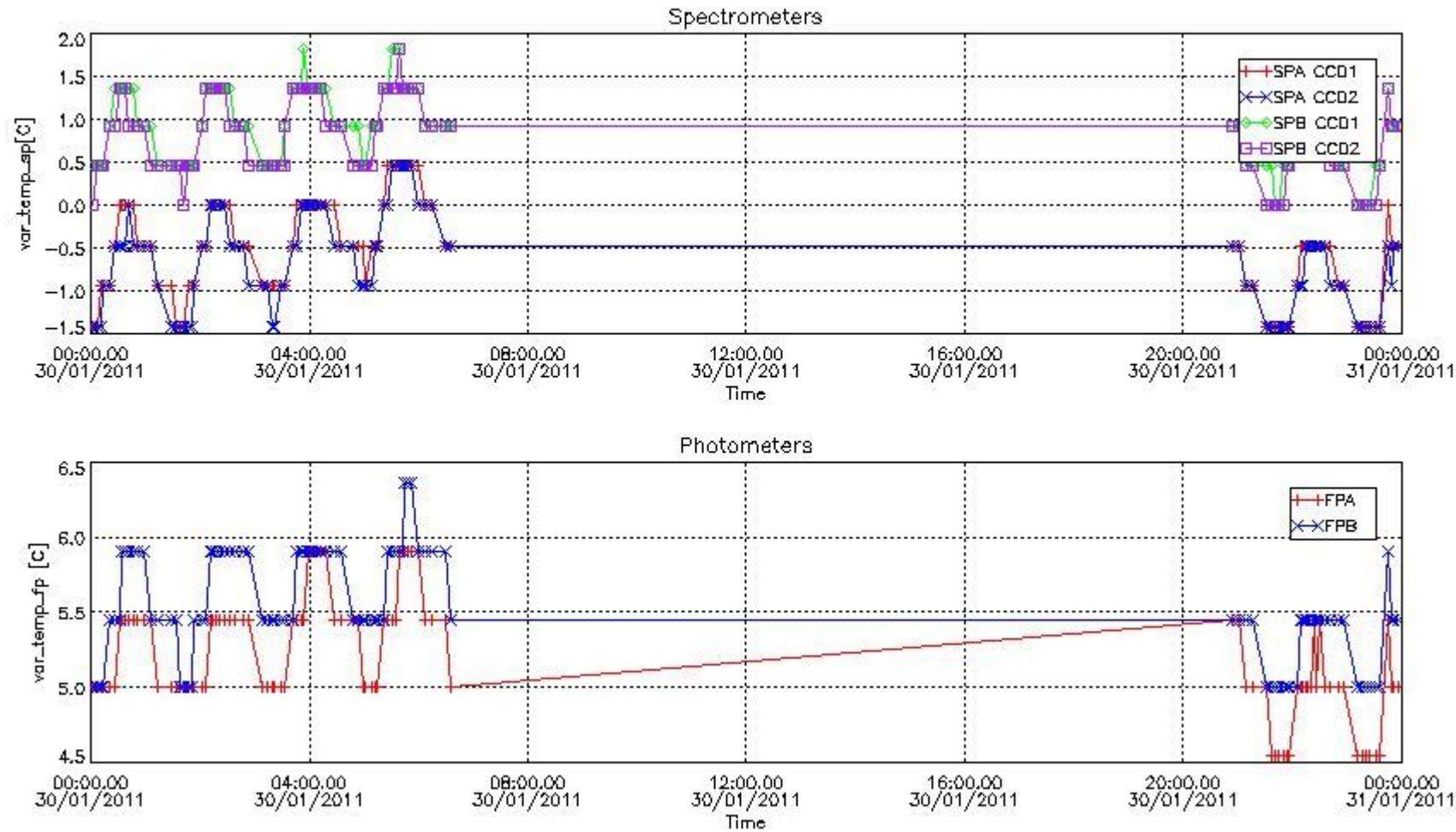
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110130_000116_00000053099_00059_46625_7703.N1	30-JAN-2011 00:01:16	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46625	No
2	GOM_TRA_1PNPDE20110130_000750_000000613099_00059_46625_7704.N1	30-JAN-2011 00:07:50	Bright	61.000	133	40Zet Her	2.8070	6000.0	122	46625	No
3	GOM_TRA_1PNPDE20110130_001122_000000653099_00059_46625_7705.N1	30-JAN-2011 00:11:22	Bright	65.000	127	27Bet Her	2.7810	4700.0	130	46625	No
4	GOM_TRA_1PNPDE20110130_001257_000000373099_00059_46625_7706.N1	30-JAN-2011 00:12:57	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	46625	No
5	GOM_TRA_1PNPDE20110130_002126_000000463099_00059_46625_7707.N1	30-JAN-2011 00:21:26	Twilight_stray	45.500	86	35Eta Oph	2.4300	10200.	91	46625	No
6	GOM_TRA_1PNPDE20110130_002539_000000503099_00059_46625_7725.N1	30-JAN-2011 00:25:39	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	46625	No
7	GOM_TRA_1PNPDE20110130_003122_000000433099_00059_46625_7726.N1	30-JAN-2011 00:31:22	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46625	No
8	GOM_TRA_1PNPDE20110130_003443_000000483099_00060_46626_7727.N1	30-JAN-2011 00:34:43	Dark	47.500	81	Eta Cen	2.3560	28000.	95	46626	No
9	GOM_TRA_1PNPDE20110130_003749_000000423099_00060_46626_7728.N1	30-JAN-2011 00:37:49	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46626	No
10	GOM_TRA_1PNPDE20110130_004113_000000503099_00060_46626_7729.N1	30-JAN-2011 00:41:13	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	46626	No

11	GOM_TRA_1PNPDE20110130_004654_000000463099_00060_46626_7730.N1	30-JAN-2011 00:46:54	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46626	No
12	GOM_TRA_1PNPDE20110130_005125_000000463099_00060_46626_7731.N1	30-JAN-2011 00:51:25	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	46626	No
13	GOM_TRA_1PNPDE20110130_005755_000000413099_00060_46626_7732.N1	30-JAN-2011 00:57:55	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	46626	No
14	GOM_TRA_1PNPDE20110130_010643_000000543099_00060_46626_7733.N1	30-JAN-2011 01:06:43	Twilight_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46626	No
15	GOM_TRA_1PNPDE20110130_011326_000000423099_00060_46626_7734.N1	30-JAN-2011 01:13:26	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46626	No
16	GOM_TRA_1PNPDE20110130_012827_000000433099_00060_46626_7735.N1	30-JAN-2011 01:28:27	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46626	No
17	GOM_TRA_1PNPDE20110130_013344_000000423099_00060_46626_7736.N1	30-JAN-2011 01:33:44	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46626	No
18	GOM_TRA_1PNPDE20110130_013824_000000403099_00060_46626_7737.N1	30-JAN-2011 01:38:24	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46626	No
19	GOM_TRA_1PNPDE20110130_014130_000000393099_00060_46626_7738.N1	30-JAN-2011 01:41:30	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46626	No
20	GOM_TRA_1PNPDE20110130_014805_000000413099_00060_46626_7739.N1	30-JAN-2011 01:48:05	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	46626	No
21	GOM_TRA_1PNPDE20110130_015137_000000583099_00060_46626_7740.N1	30-JAN-2011 01:51:37	Bright	57.500	127	27Bet Her	2.7810	4700.0	115	46626	No
22	GOM_TRA_1PNPDE20110130_015311_000000373099_00060_46626_7741.N1	30-JAN-2011 01:53:11	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	46626	No
23	GOM_TRA_1PNPDE20110130_020141_000000433099_00060_46626_7743.N1	30-JAN-2011 02:01:41	Twilight_stray	42.500	86	35Eta Oph	2.4300	10200.	85	46626	No
24	GOM_TRA_1PNPDE20110130_020554_000000593099_00060_46626_7744.N1	30-JAN-2011 02:05:54	Dark	59.000	16	21Alp Sco	1.0200	3000.0	118	46626	No
25	GOM_TRA_1PNPDE20110130_021137_000000443099_00060_46626_7745.N1	30-JAN-2011 02:11:37	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46626	No
26	GOM_TRA_1PNPDE20110130_021348_000000443099_00060_46626_7746.N1	30-JAN-2011 02:13:48	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46626	No
27	GOM_TRA_1PNPDE20110130_021804_000000443099_00061_46627_7747.N1	30-JAN-2011 02:18:04	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46627	No
28	GOM_TRA_1PNPDE20110130_022128_000000423099_00061_46627_7748.N1	30-JAN-2011 02:21:28	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46627	No
29	GOM_TRA_1PNPDE20110130_022709_000000503099_00061_46627_7749.N1	30-JAN-2011 02:27:09	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46627	No
30	GOM_TRA_1PNPDE20110130_023139_000000473099_00061_46627_7750.N1	30-JAN-2011 02:31:39	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46627	No
31	GOM_TRA_1PNPDE20110130_023810_000000453099_00061_46627_7751.N1	30-JAN-2011 02:38:10	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46627	No
32	GOM_TRA_1PNPDE20110130_024657_000000473099_00061_46627_7752.N1	30-JAN-2011 02:46:57	Twilight_stray	46.500	8	10Alp CMi	0.40000	6500.0	93	46627	No
33	GOM_TRA_1PNPDE20110130_025341_000000423099_00061_46627_7753.N1	30-JAN-2011 02:53:41	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46627	No
34	GOM_TRA_1PNPDE20110130_030840_000000473099_00061_46627_7754.N1	30-JAN-2011 03:08:40	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46627	No
35	GOM_TRA_1PNPDE20110130_031357_000000413099_00061_46627_7755.N1	30-JAN-2011 03:13:57	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46627	No
36	GOM_TRA_1PNPDE20110130_031837_000000403099_00061_46627_7756.N1	30-JAN-2011 03:18:37	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46627	No
37	GOM_TRA_1PNPDE20110130_032144_000000383099_00061_46627_7757.N1	30-JAN-2011 03:21:44	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46627	No
38	GOM_TRA_1PNPDE20110130_032819_000000423099_00061_46627_7758.N1	30-JAN-2011 03:28:19	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	46627	No
39	GOM_TRA_1PNPDE20110130_033151_000000653099_00061_46627_7759.N1	30-JAN-2011 03:31:51	Bright	65.000	127	27Bet Her	2.7810	4700.0	130	46627	No
40	GOM_TRA_1PNPDE20110130_033325_000000363099_00061_46627_7760.N1	30-JAN-2011 03:33:25	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	46627	No
41	GOM_TRA_1PNPDE20110130_034156_000000423099_00061_46627_7761.N1	30-JAN-2011 03:41:56	Twilight_stray	42.000	86	35Eta Oph	2.4300	10200.	84	46627	No
42	GOM_TRA_1PNPDE20110130_034608_000000593099_00061_46627_7762.N1	30-JAN-2011 03:46:08	Dark	59.000	16	21Alp Sco	1.0200	3000.0	118	46627	No
43	GOM_TRA_1PNPDE20110130_035152_000000433099_00061_46627_7763.N1	30-JAN-2011 03:51:52	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46627	No
44	GOM_TRA_1PNPDE20110130_035403_000000463099_00061_46627_7764.N1	30-JAN-2011 03:54:03	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46627	No
45	GOM_TRA_1PNPDE20110130_035818_000000413099_00062_46628_7765.N1	30-JAN-2011 03:58:18	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46628	No
46	GOM_TRA_1PNPDE20110130_040142_000000443099_00062_46628_7766.N1	30-JAN-2011 04:01:42	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46628	No
47	GOM_TRA_1PNPDE20110130_040337_000000473099_00062_46628_7767.N1	30-JAN-2011 04:03:37	Dark	47.000	99	Del Cen	2.5750	26000.	94	46628	No
48	GOM_TRA_1PNPDE20110130_040723_000000503099_00062_46628_7768.N1	30-JAN-2011 04:07:23	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46628	No
49	GOM_TRA_1PNPDE20110130_041154_000000453099_00062_46628_7769.N1	30-JAN-2011 04:11:54	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	46628	No
50	GOM_TRA_1PNPDE20110130_041824_000000463099_00062_46628_7770.N1	30-JAN-2011 04:18:24	Straylight	45.500	132	15Rho Pup	2.8030	6900.0	91	46628	No
51	GOM_TRA_1PNPDE20110130_042712_000000483099_00062_46628_7771.N1	30-JAN-2011 04:27:12	Twilight_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	46628	No
52	GOM_TRA_1PNPDE20110130_043354_000000423099_00062_46628_7772.N1	30-JAN-2011 04:33:54	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46628	No
53	GOM_TRA_1PNPDE20110130_044854_000000493099_00062_46628_7773.N1	30-JAN-2011 04:48:54	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46628	No
54	GOM_TRA_1PNPDE20110130_045411_000000403099_00062_46628_7774.N1	30-JAN-2011 04:54:11	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46628	No
55	GOM_TRA_1PNPDE20110130_045851_000000383099_00062_46628_7775.N1	30-JAN-2011 04:58:51	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46628	No
56	GOM_TRA_1PNPDE20110130_050158_00000053099_00062_46628_7776.N1	30-JAN-2011 05:01:58	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46628	No
57	GOM_TRA_1PNPDE20110130_050833_000000423099_00062_46628_7777.N1	30-JAN-2011 05:08:33	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	46628	No
58	GOM_TRA_1PNPDE20110130_051205_000000653099_00062_46628_7778.N1	30-JAN-2011 05:12:05	Bright	65.000	127	27Bet Her	2.7810	4700.0	130	46628	No
59	GOM_TRA_1PNPDE20110130_051340_000000373099_00062_46628_7779.N1	30-JAN-2011 05:13:40	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	46628	No
60	GOM_TRA_1PNPDE20110130_052210_000000473099_00062_46628_7780.N1	30-JAN-2011 05:22:10	Twilight_stray	46.500	86	35Eta Oph	2.4300	10200.	93	46628	No
61	GOM_TRA_1PNPDE20110130_052623_000000593099_00062_46628_7781.N1	30-JAN-2011 05:26:23	Dark	59.000	16	21Alp Sco	1.0200	3000.0	118	46628	No
62	GOM_TRA_1PNPDE20110130_053207_000000433099_00062_46628_7782.N1	30-JAN-2011 05:32:07	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46628	No
63	GOM_TRA_1PNPDE20110130_053417_000000453099_00062_46628_7783.N1	30-JAN-2011 05:34:17	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46628	No
64	GOM_TRA_1PNPDE20110130_053833_000000523099_00063_46629_7784.N1	30-JAN-2011 05:38:33	Dark	52.000	10	Bet Cen	0.61000	28000.	104	46629	No
65	GOM_TRA_1PNPDE20110130_054157_000000433099_00063_46629_7785.N1	30-JAN-2011 05:41:57	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46629	No
66	GOM_TRA_1PNPDE20110130_054352_000000473099_00063_46629_7786.N1	30-JAN-2011 05:43:52	Dark	47.000	99	Del Cen	2.5750	26000.	94	46629	No
67	GOM_TRA_1PNPDE20110130_054738_000000503099_00063_46629_7787.N1	30-JAN-2011 05:47:38	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46629	No
68	GOM_TRA_1PNPDE20110130_055208_000000463099_00063_46629_7788.N1	30-JAN-2011 05:52:08	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46629	No
69	GOM_TRA_1PNPDE20110130_055838_000000423099_00063_46629_7800.N1	30-JAN-2011 05:58:38	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	46629	No

70	GOM_TRA_1PNPDE20110130_060726_000000493099_00063_46629_7801.N1	30-JAN-2011 06:07:26	Twilight	48.500	8	10Alp CMI	0.40000	6500.0	97	46629	No
71	GOM_TRA_1PNPDE20110130_061408_000000423099_00063_46629_7802.N1	30-JAN-2011 06:14:08	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46629	No
72	GOM_TRA_1PNPDE20110130_062907_000000623099_00063_46629_7803.N1	30-JAN-2011 06:29:07	Bright	62.000	36	50Alp UMa	1.8000	6300.0	124	46629	No
73	GOM_TRA_1PNPDE20110130_063425_000000363099_00063_46629_7804.N1	30-JAN-2011 06:34:25	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46629	No
74	GOM_TRA_1PNPDE20110130_205417_000000493099_00072_46638_7908.N1	30-JAN-2011 20:54:17	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46638	No
75	GOM_TRA_1PNPDE20110130_210046_000000413099_00072_46638_7909.N1	30-JAN-2011 21:00:46	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	46638	No
76	GOM_TRA_1PNPDE20110130_210932_000000493099_00072_46638_7910.N1	30-JAN-2011 21:09:32	Twilight	48.500	8	10Alp CMI	0.40000	6500.0	97	46638	No
77	GOM_TRA_1PNPDE20110130_211613_000000433099_00072_46638_7911.N1	30-JAN-2011 21:16:13	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46638	No
78	GOM_TRA_1PNPDE20110130_213107_000000483099_00072_46638_7912.N1	30-JAN-2011 21:31:07	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46638	No
79	GOM_TRA_1PNPDE20110130_213629_000000403099_00072_46638_7913.N1	30-JAN-2011 21:36:29	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46638	No
80	GOM_TRA_1PNPDE20110130_214110_000000413099_00072_46638_7914.N1	30-JAN-2011 21:41:10	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46638	No
81	GOM_TRA_1PNPDE20110130_214418_000000553099_00072_46638_7915.N1	30-JAN-2011 21:44:18	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46638	No
82	GOM_TRA_1PNPDE20110130_215054_000000463099_00072_46638_7916.N1	30-JAN-2011 21:50:54	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	46638	No
83	GOM_TRA_1PNPDE20110130_215429_000000663099_00072_46638_7917.N1	30-JAN-2011 21:54:29	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46638	No
84	GOM_TRA_1PNPDE20110130_215603_000000553099_00072_46638_7918.N1	30-JAN-2011 21:56:03	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46638	No
85	GOM_TRA_1PNPDE20110130_220435_000000463099_00072_46638_7929.N1	30-JAN-2011 22:04:35	Twilight	46.000	86	35Eta Oph	2.4300	10200.	92	46638	No
86	GOM_TRA_1PNPDE20110130_220850_000000593099_00072_46638_7930.N1	30-JAN-2011 22:08:50	Dark	59.000	16	21Alp Sco	1.0200	3000.0	118	46638	No
87	GOM_TRA_1PNPDE20110130_221010_000000453099_00072_46638_7931.N1	30-JAN-2011 22:10:10	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46638	No
88	GOM_TRA_1PNPDE20110130_221435_000000443099_00072_46638_7932.N1	30-JAN-2011 22:14:35	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46638	No
89	GOM_TRA_1PNPDE20110130_221646_000000453099_00073_46639_7933.N1	30-JAN-2011 22:16:46	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46639	No
90	GOM_TRA_1PNPDE20110130_222059_000000433099_00073_46639_7934.N1	30-JAN-2011 22:20:59	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46639	No
91	GOM_TRA_1PNPDE20110130_222423_000000433099_00073_46639_7935.N1	30-JAN-2011 22:24:23	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46639	No
92	GOM_TRA_1PNPDE20110130_222620_000000463099_00073_46639_7936.N1	30-JAN-2011 22:26:20	Dark	45.500	99	Del Cen	2.5750	26000.	91	46639	No
93	GOM_TRA_1PNPDE20110130_223004_000000473099_00073_46639_7937.N1	30-JAN-2011 22:30:04	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46639	No
94	GOM_TRA_1PNPDE20110130_223432_000000503099_00073_46639_7938.N1	30-JAN-2011 22:34:32	Dark	49.500	65	Lam Vel	2.2040	4400.0	99	46639	No
95	GOM_TRA_1PNPDE20110130_224100_000000433099_00073_46639_7939.N1	30-JAN-2011 22:41:00	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46639	No
96	GOM_TRA_1PNPDE20110130_224946_000000513099_00073_46639_7940.N1	30-JAN-2011 22:49:46	Twilight	51.000	8	10Alp CMI	0.40000	6500.0	102	46639	No
97	GOM_TRA_1PNPDE20110130_225627_000000433099_00073_46639_7941.N1	30-JAN-2011 22:56:27	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46639	No
98	GOM_TRA_1PNPDE20110130_231120_000000443099_00073_46639_7942.N1	30-JAN-2011 23:11:20	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	46639	No
99	GOM_TRA_1PNPDE20110130_231643_000000423099_00073_46639_7943.N1	30-JAN-2011 23:16:43	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46639	No
100	GOM_TRA_1PNPDE20110130_232124_000000403099_00073_46639_7944.N1	30-JAN-2011 23:21:24	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46639	No
101	GOM_TRA_1PNPDE20110130_232432_000000363099_00073_46639_7945.N1	30-JAN-2011 23:24:32	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	46639	No
102	GOM_TRA_1PNPDE20110130_233109_000000423099_00073_46639_7946.N1	30-JAN-2011 23:31:09	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	46639	No
103	GOM_TRA_1PNPDE20110130_233443_000000663099_00073_46639_7947.N1	30-JAN-2011 23:34:43	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46639	No
104	GOM_TRA_1PNPDE20110130_233617_000000373099_00073_46639_7948.N1	30-JAN-2011 23:36:17	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	46639	No
105	GOM_TRA_1PNPDE20110130_234449_000000463099_00073_46639_7957.N1	30-JAN-2011 23:44:49	Twilight	46.000	86	35Eta Oph	2.4300	10200.	92	46639	No
106	GOM_TRA_1PNPDE20110130_234905_000000513099_00073_46639_7958.N1	30-JAN-2011 23:49:05	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	46639	No
107	GOM_TRA_1PNPDE20110130_235025_000000463099_00073_46639_7959.N1	30-JAN-2011 23:50:25	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46639	No
108	GOM_TRA_1PNPDE20110130_235701_000000453099_00074_46640_7960.N1	30-JAN-2011 23:57:01	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46640	No

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



4. Overview of dark signal processing per product

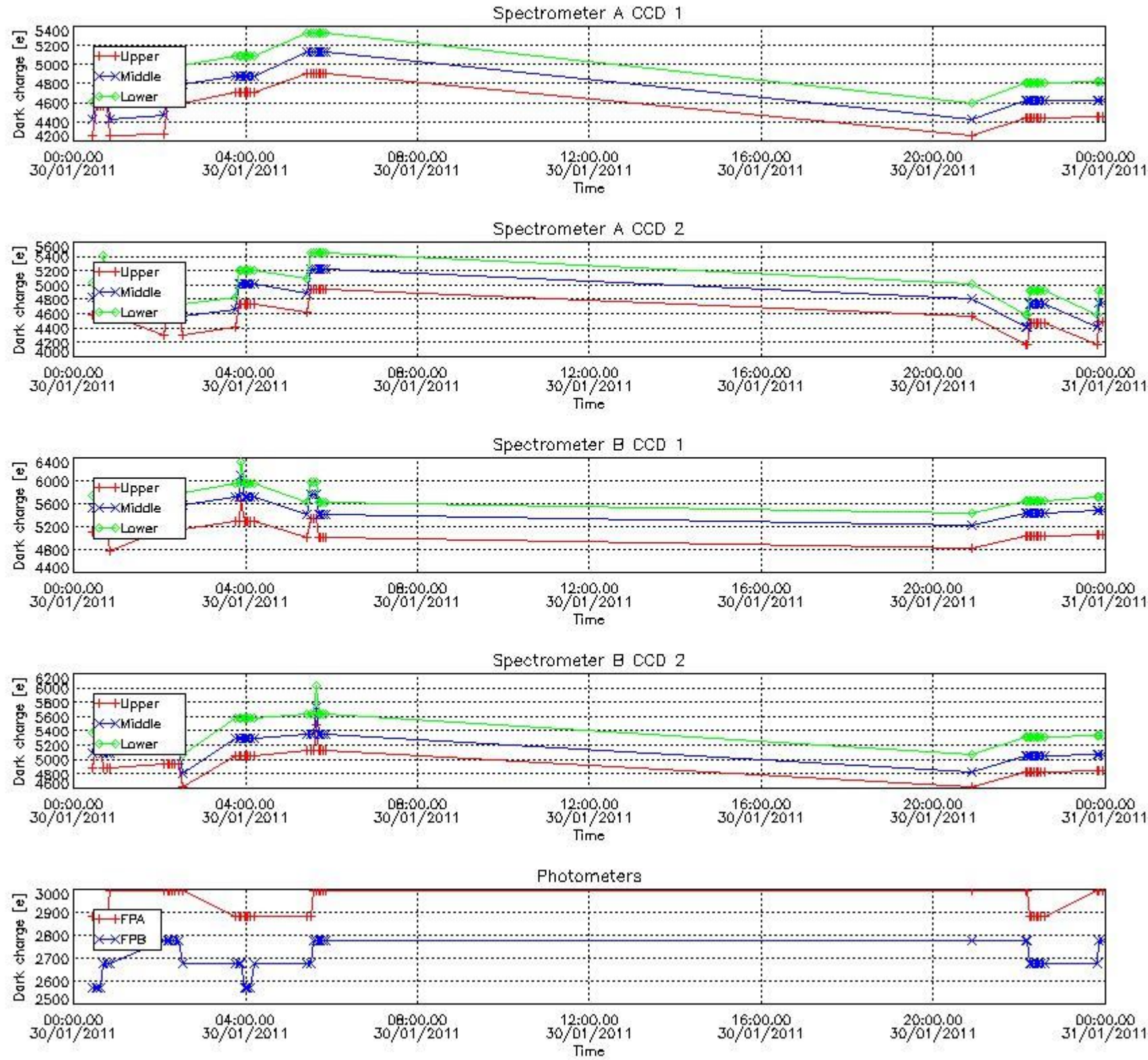
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110130_205417_000000493099_00072_46638_7908.N1	DC map used
GOM_TRA_1PNPDE20110130_210046_000000413099_00072_46638_7909.N1	DC map used
GOM_TRA_1PNPDE20110130_210932_000000493099_00072_46638_7910.N1	DC map used
GOM_TRA_1PNPDE20110130_211613_000000433099_00072_46638_7911.N1	DC map used
GOM_TRA_1PNPDE20110130_213107_000000483099_00072_46638_7912.N1	DC map used
GOM_TRA_1PNPDE20110130_213629_000000403099_00072_46638_7913.N1	DC map used
GOM_TRA_1PNPDE20110130_214110_000000413099_00072_46638_7914.N1	DC map used
GOM_TRA_1PNPDE20110130_214418_000000553099_00072_46638_7915.N1	DC map used
GOM_TRA_1PNPDE20110130_215054_000000463099_00072_46638_7916.N1	DC map used
GOM_TRA_1PNPDE20110130_215429_000000663099_00072_46638_7917.N1	DC map used
GOM_TRA_1PNPDE20110130_215603_000000553099_00072_46638_7918.N1	DC map used

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



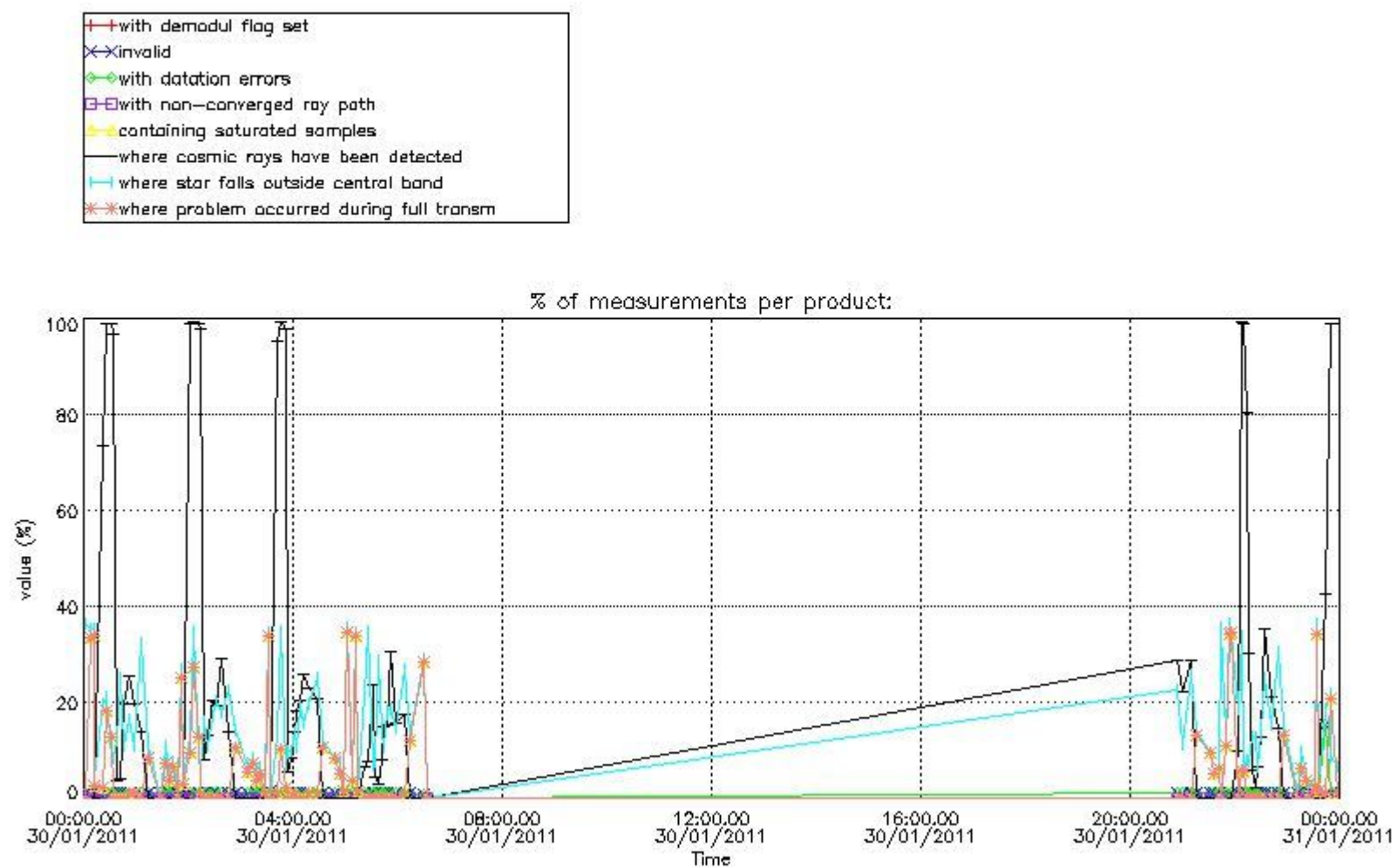
5. Demodulation flag and quality information monitoring

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.

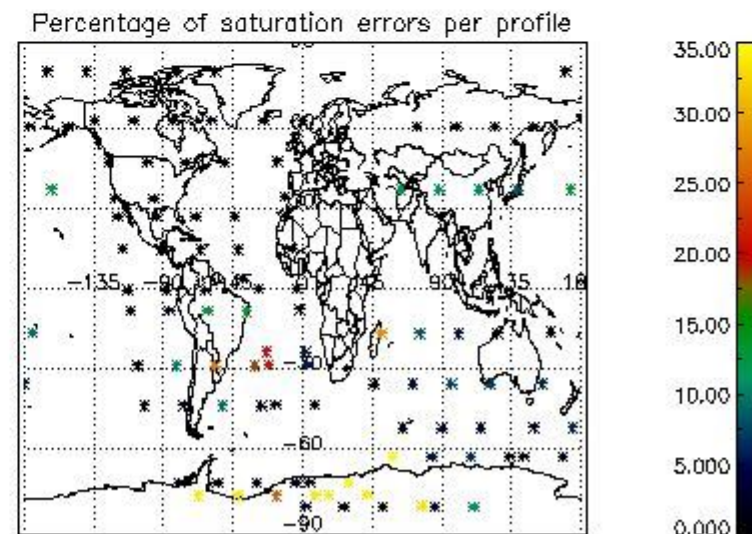
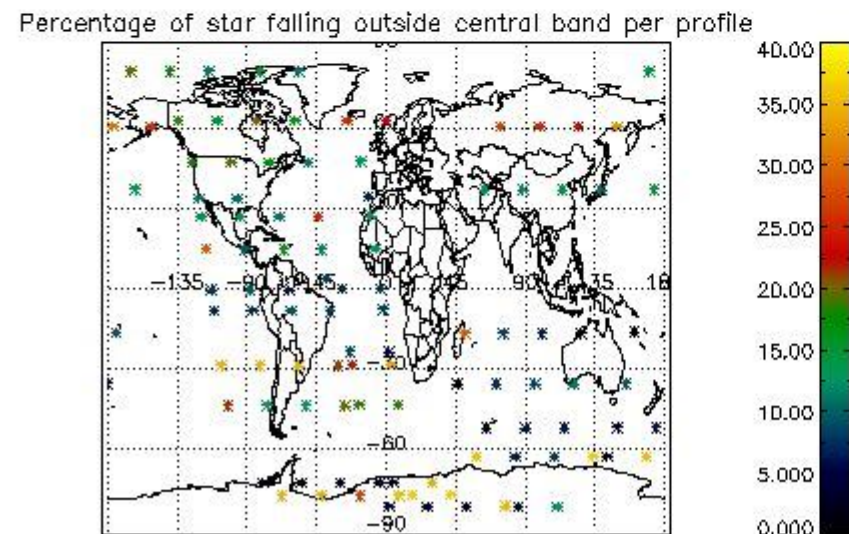
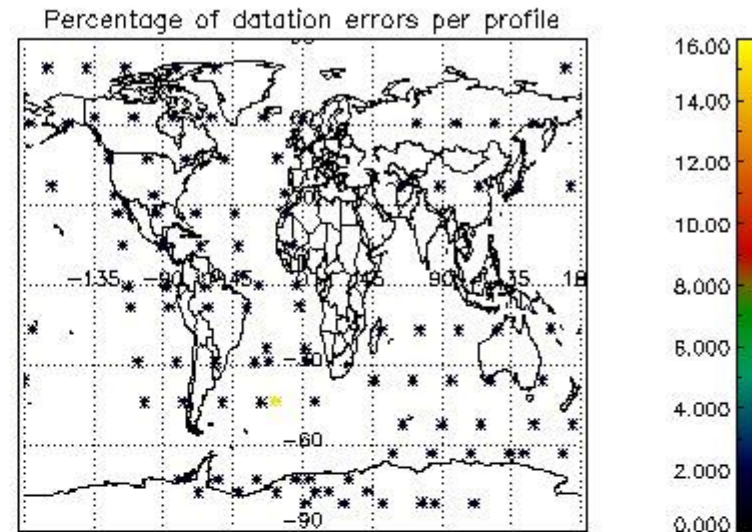
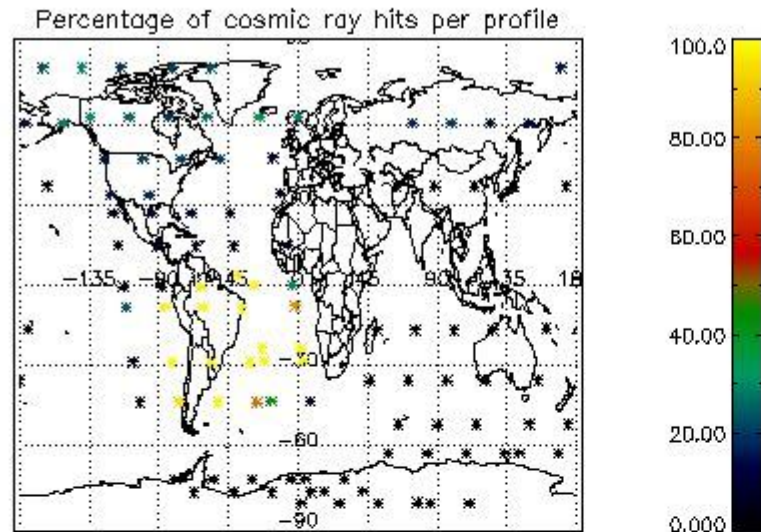
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	50.9259 %
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)



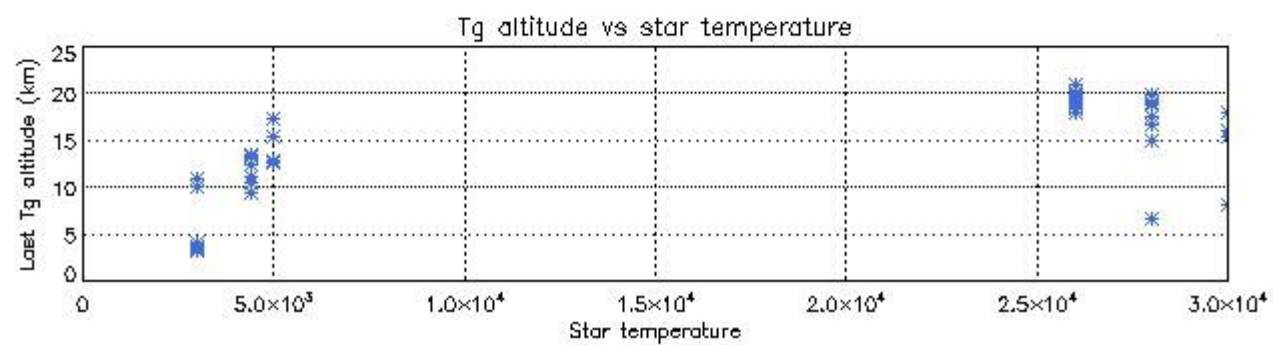
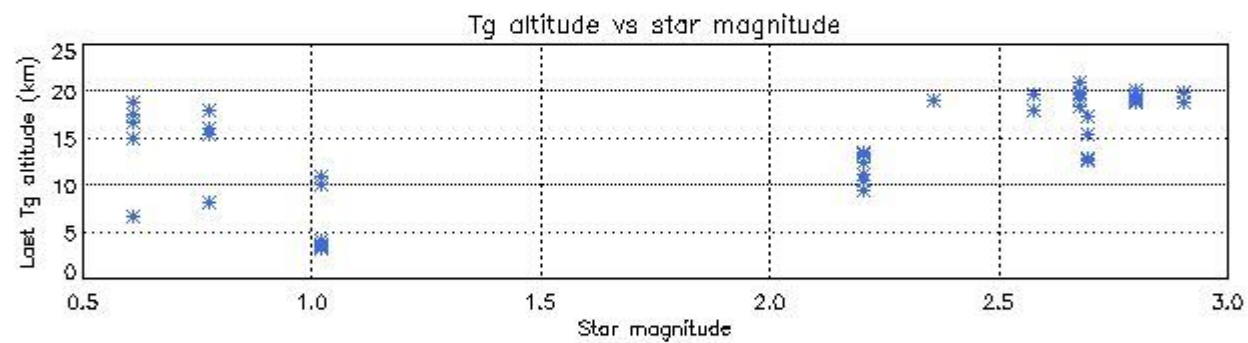
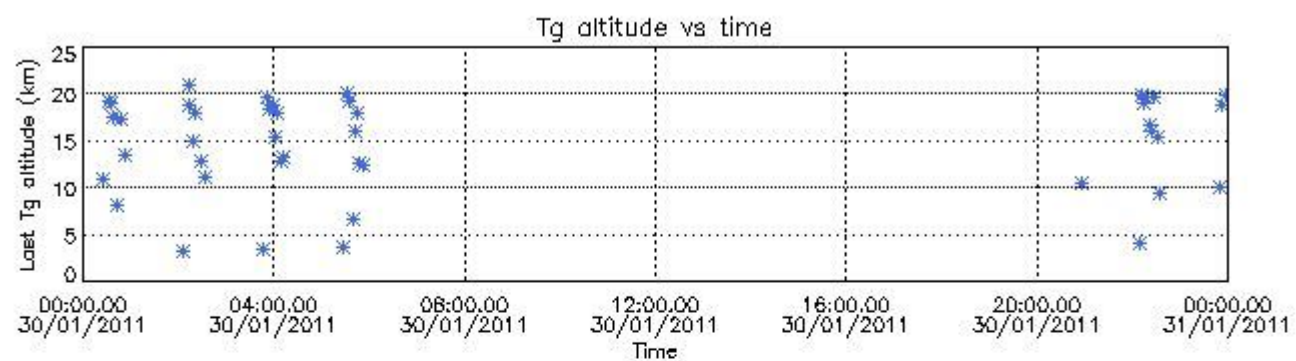
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.713	16.596	NaN
St. deviation:	5.1534	7.8950	NaN
Maximum:	20.934	29.711	NaN
Minimum:	3.2742	3.0795	NaN
Number of data:	43.000	47.000	NaN

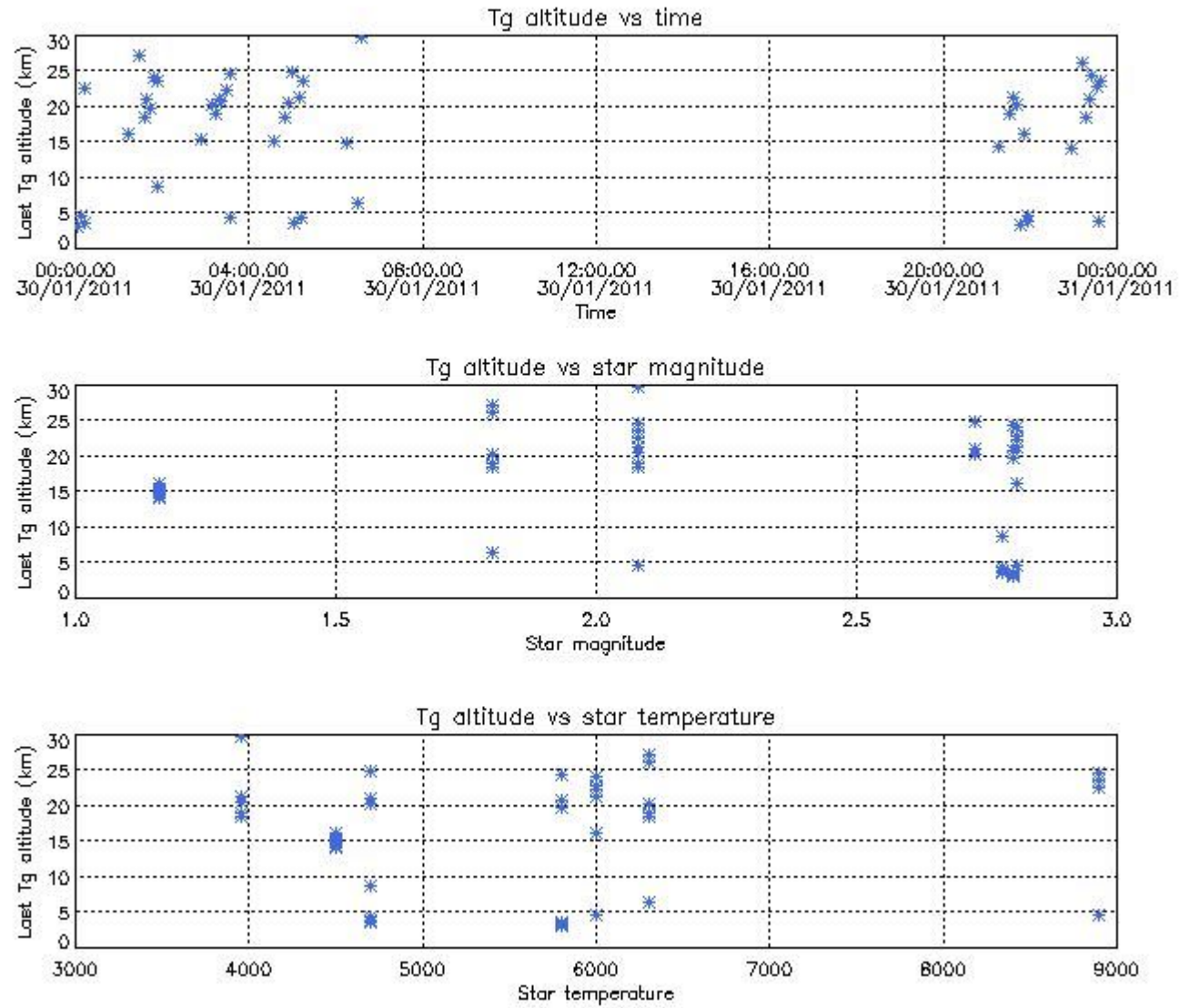
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

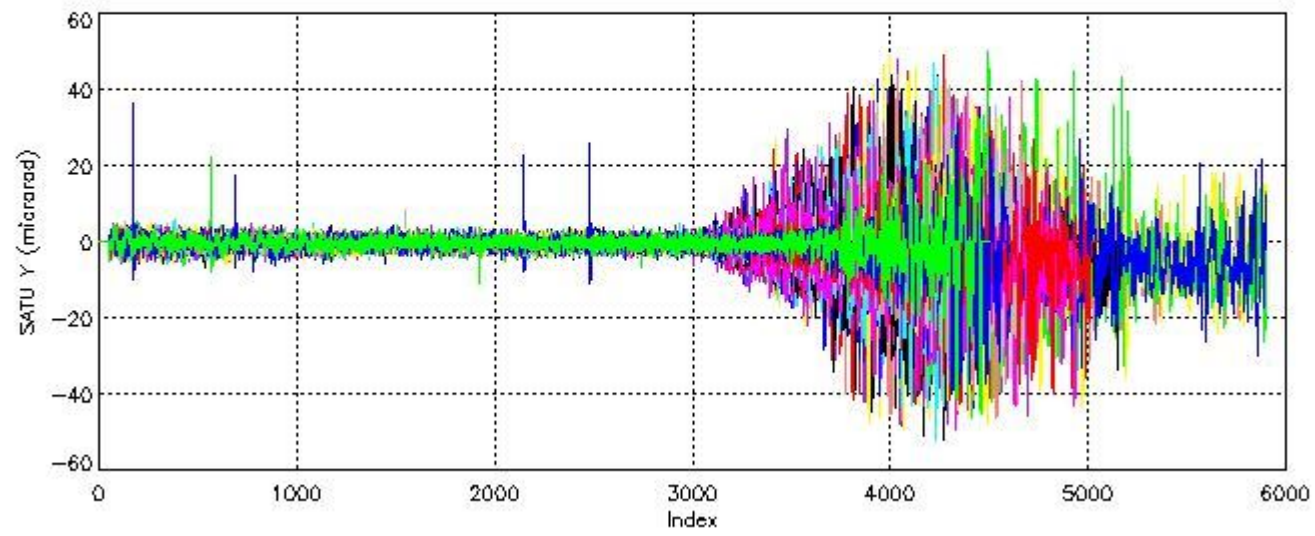
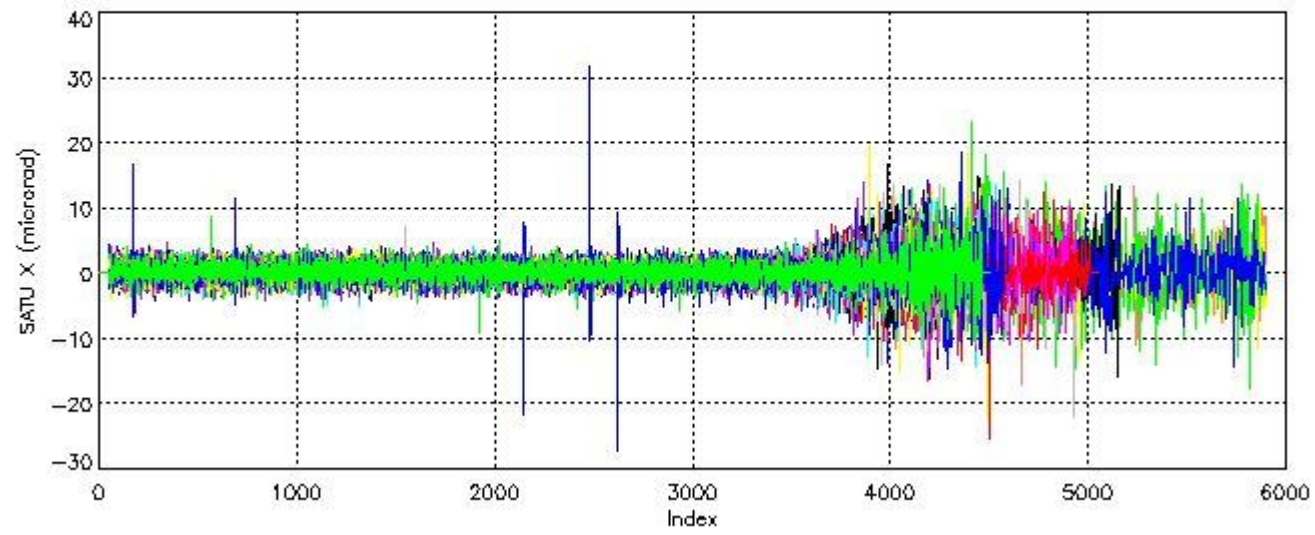


7. Star Acquisition and Tracking Unit (SATU)

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:	0.16710	-0.40643	0.12893	-0.38934
St. deviation:	0.59554	1.1863	0.58213	0.93268
Maximum:	16.600	36.300	3.4000	7.9000
Minimum:	-6.6000	-10.200	-5.6000	-5.0000

Number of data:	44650.	44650.	45550.	45550.
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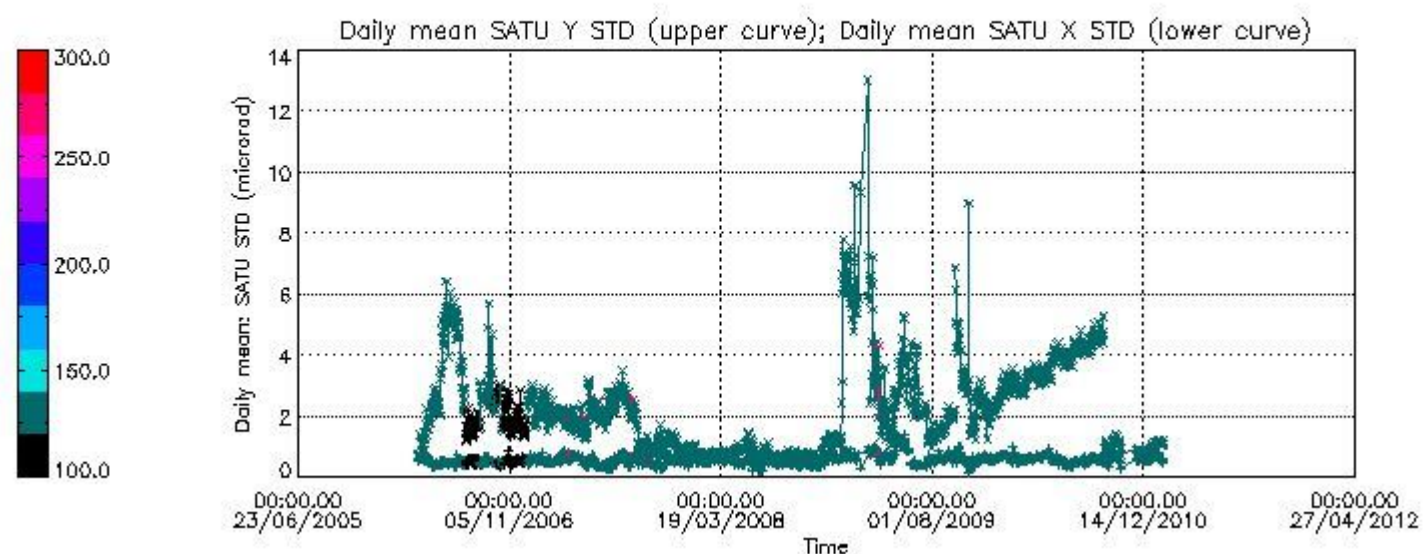
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

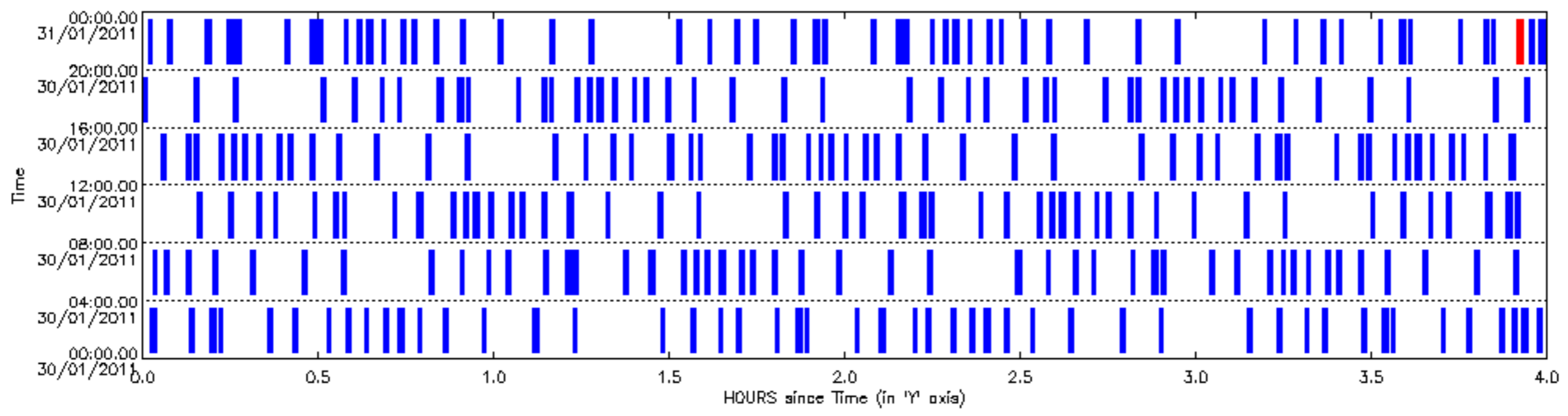
Lower curve: STD of SATU X axis

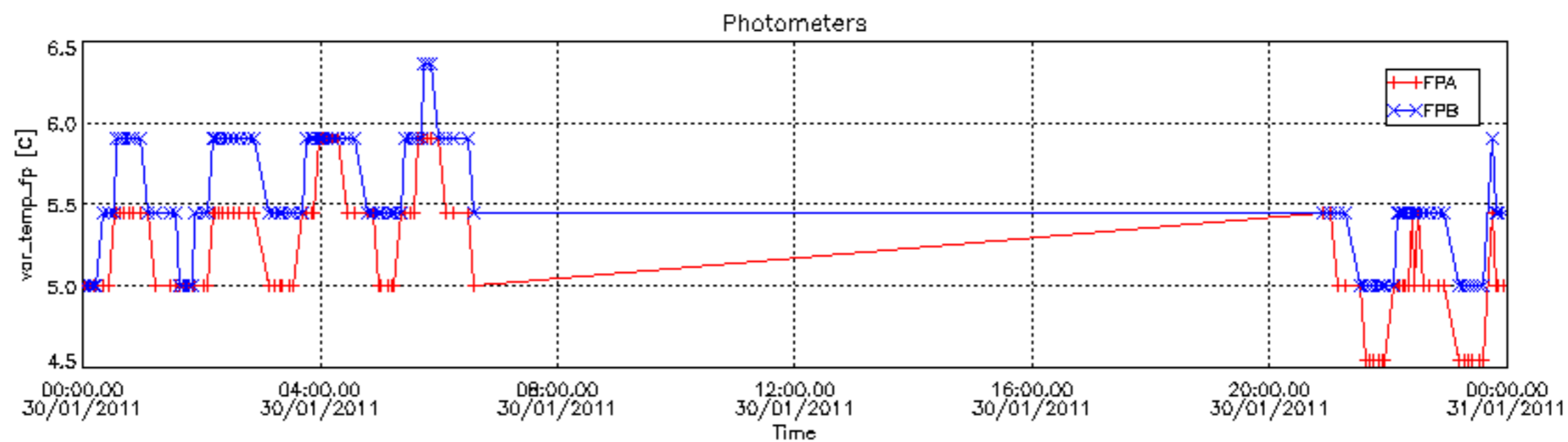
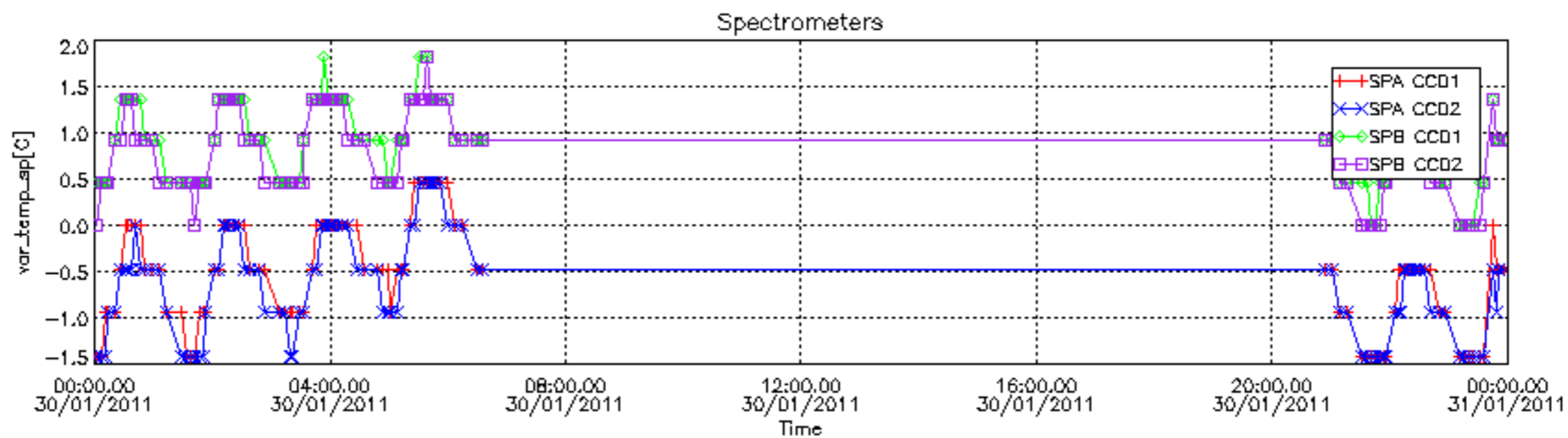


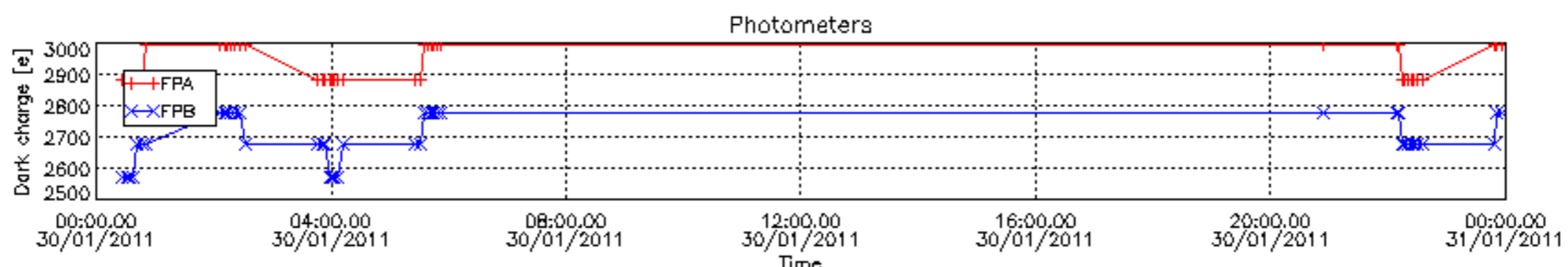
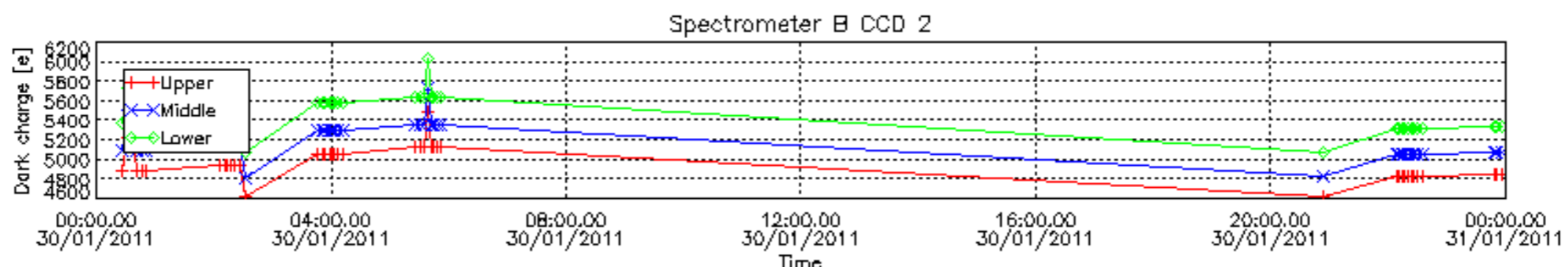
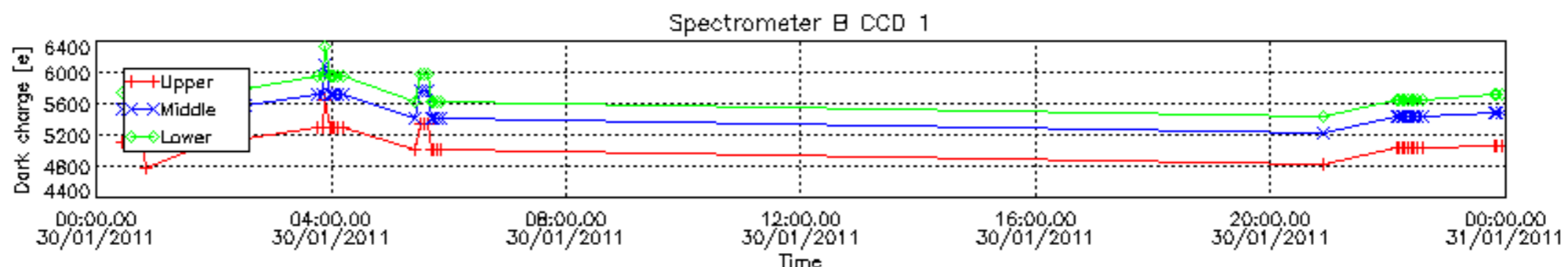
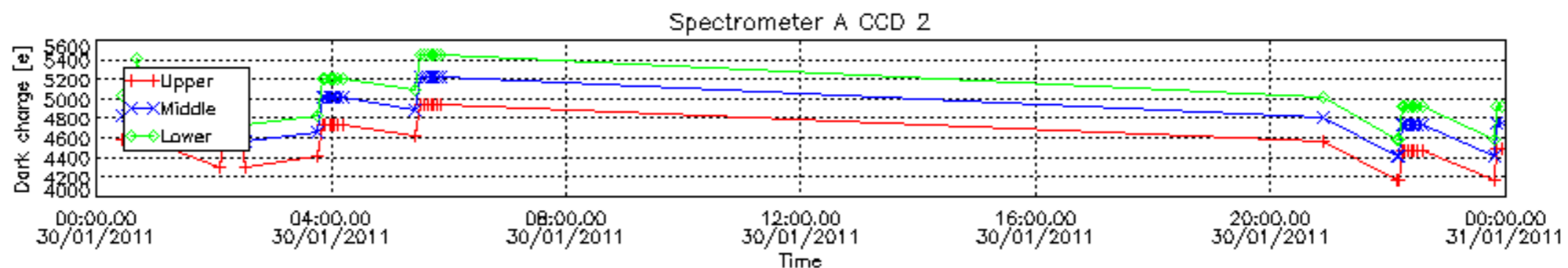
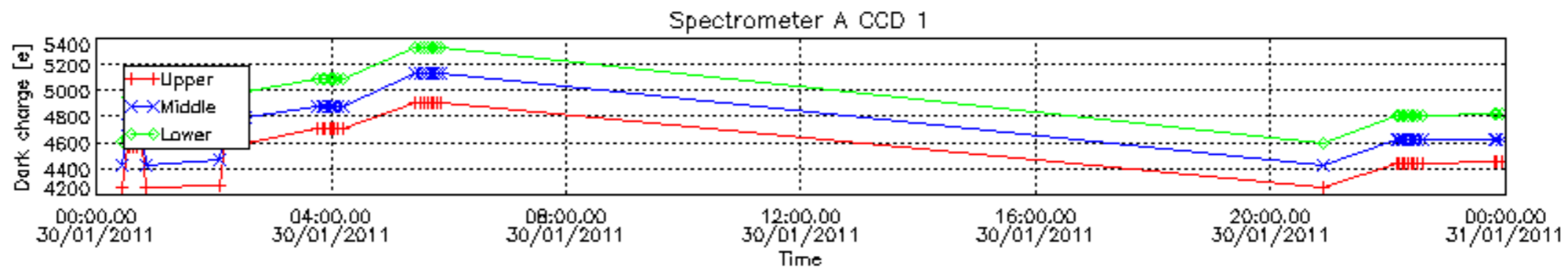
8. Auxiliary Data Files used for the production reported in section 2.4

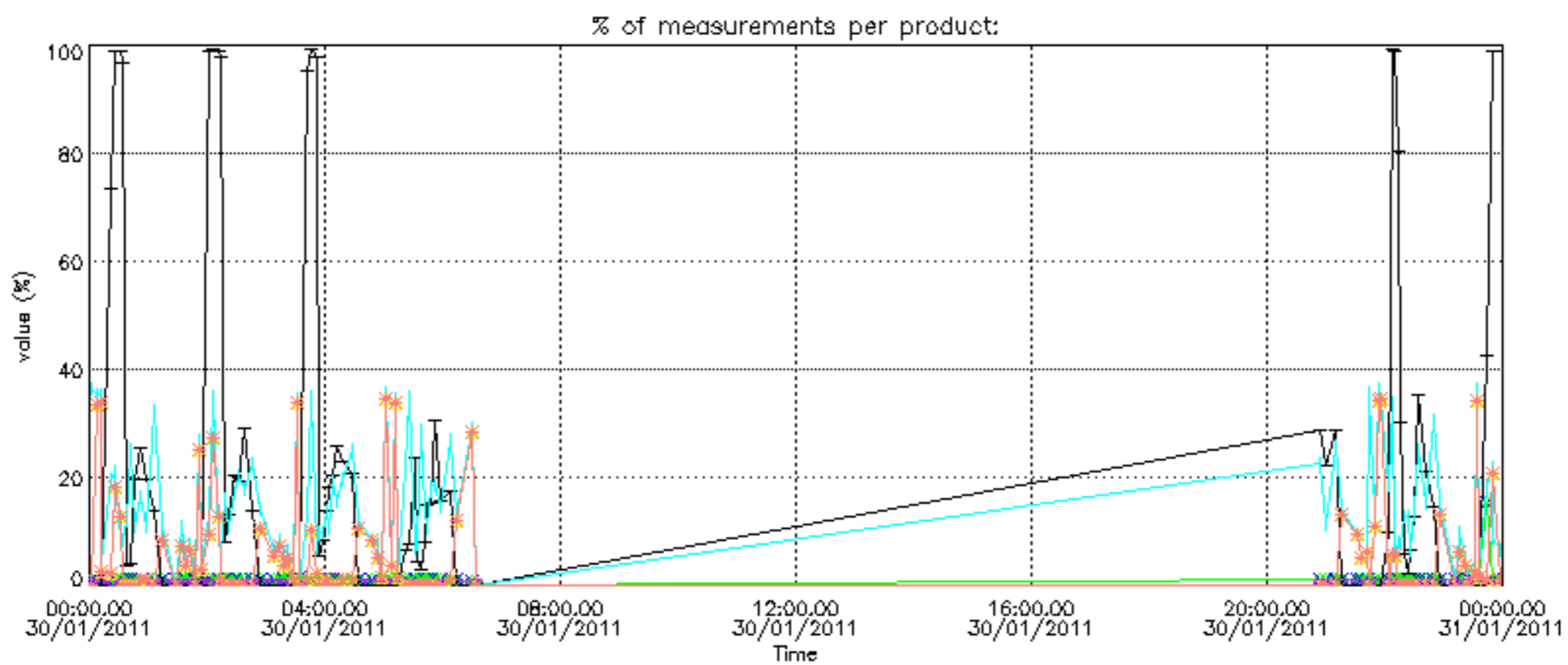
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-JAN-2011 00:01:16
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110125_110046_20110123_000000_20500101_000000	1	30-JAN-2011 00:01:16
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	30-JAN-2011 00:01:16
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	30-JAN-2011 00:01:16
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	30-JAN-2011 00:01:16
ECMWF_FILE	AUX_ECF_AXNECM20110129_052117_20110129_210000_20110130_090000	1	30-JAN-2011 00:01:16
ECMWF_FILE	AUX_ECF_AXNECM20110129_173459_20110130_030000_20110130_150000	35	30-JAN-2011 03:13:57
ECMWF_FILE	AUX_ECA_AXNECM20110130_052112_20110129_210000_20110130_090000	55	30-JAN-2011 04:58:51
ECMWF_FILE	AUX_ECF_AXNECM20110130_052113_20110130_150000_20110131_030000	74	30-JAN-2011 20:54:17
ECMWF_FILE	AUX_ECF_AXNECM20110130_052114_20110130_210000_20110131_090000	85	30-JAN-2011 22:04:35
OPTIONAL_ECMWF_FILE	MISSING	1	30-JAN-2011 00:01:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110129_224218_000057383099_00058_46624_2424.N1	1	30-JAN-2011 00:01:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110130_001756_000054193099_00059_46625_2425.N1	6	30-JAN-2011 00:25:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110130_015334_000044633099_00060_46626_2426.N1	23	30-JAN-2011 02:01:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110130_031316_000057383099_00061_46627_2427.N1	35	30-JAN-2011 03:13:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110130_045413_000057383099_00062_46628_2428.N1	55	30-JAN-2011 04:58:51
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110130_205035_000038253099_00072_46638_2429.N1	74	30-JAN-2011 20:54:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110130_215939_000057383099_00072_46638_2430.N1	85	30-JAN-2011 22:04:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110130_234036_000057383099_00073_46639_2431.N1	105	30-JAN-2011 23:44:49

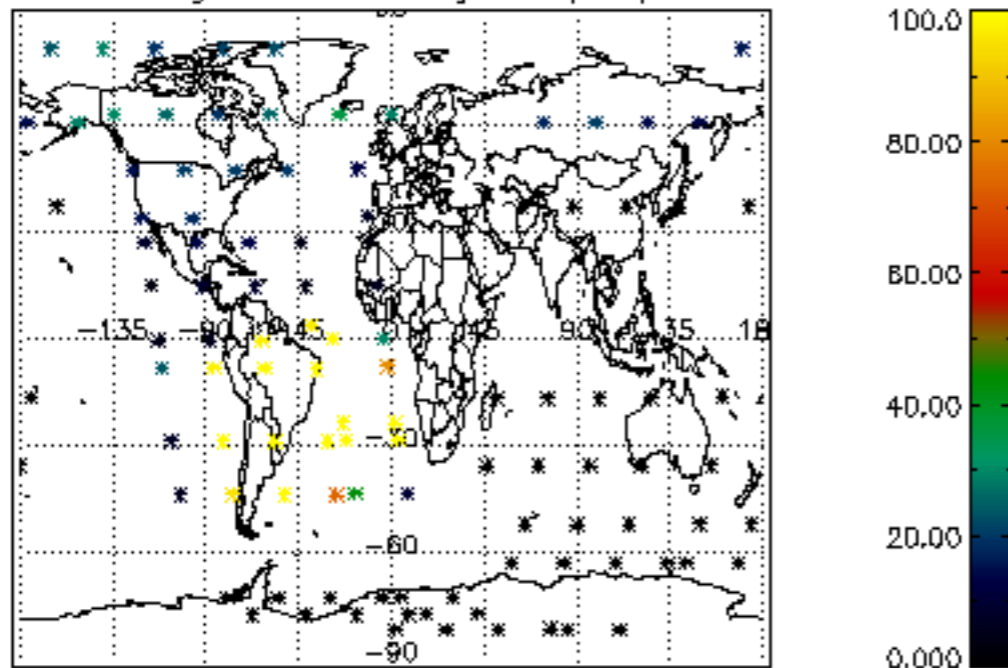




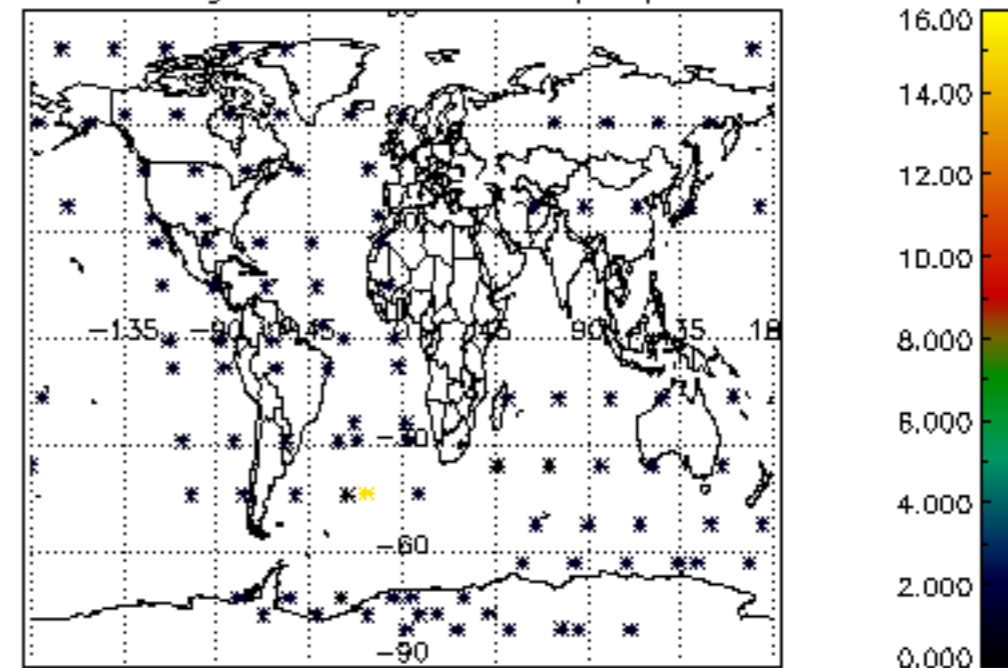




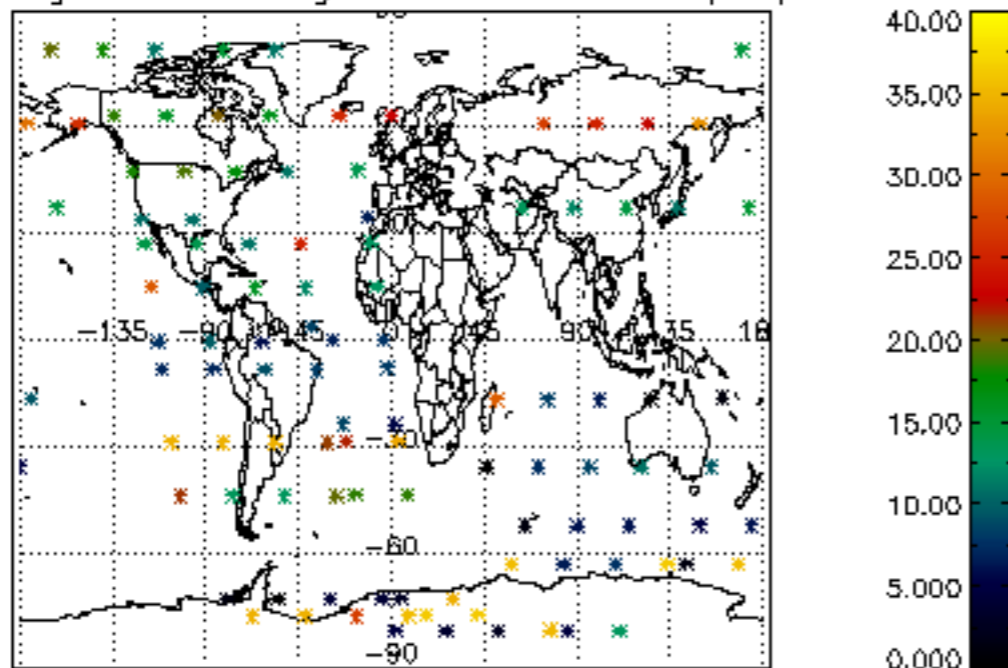
Percentage of cosmic ray hits per profile



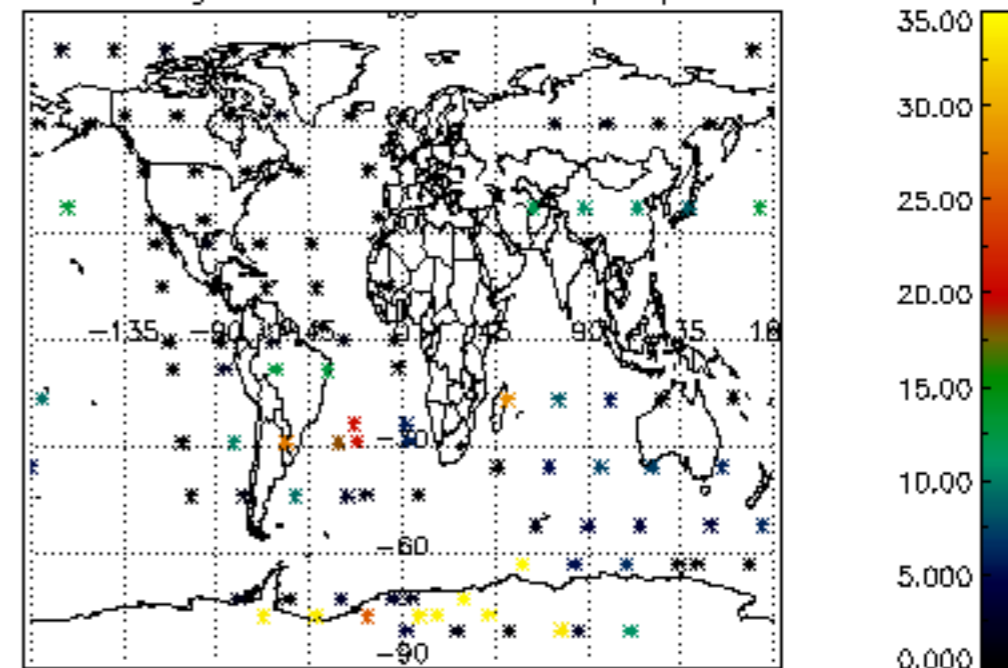
Percentage of datation errors per profile



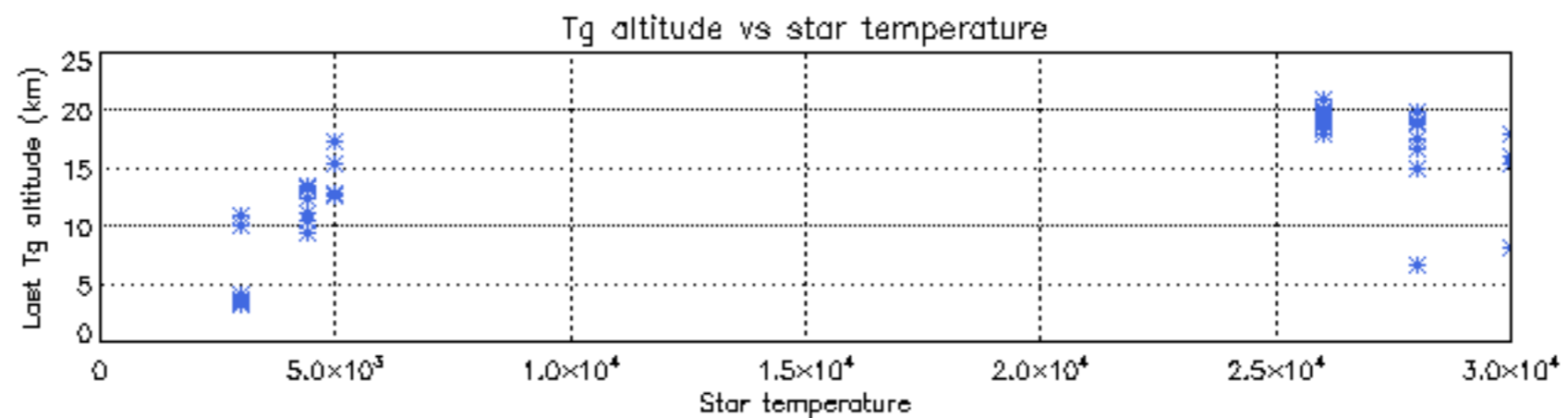
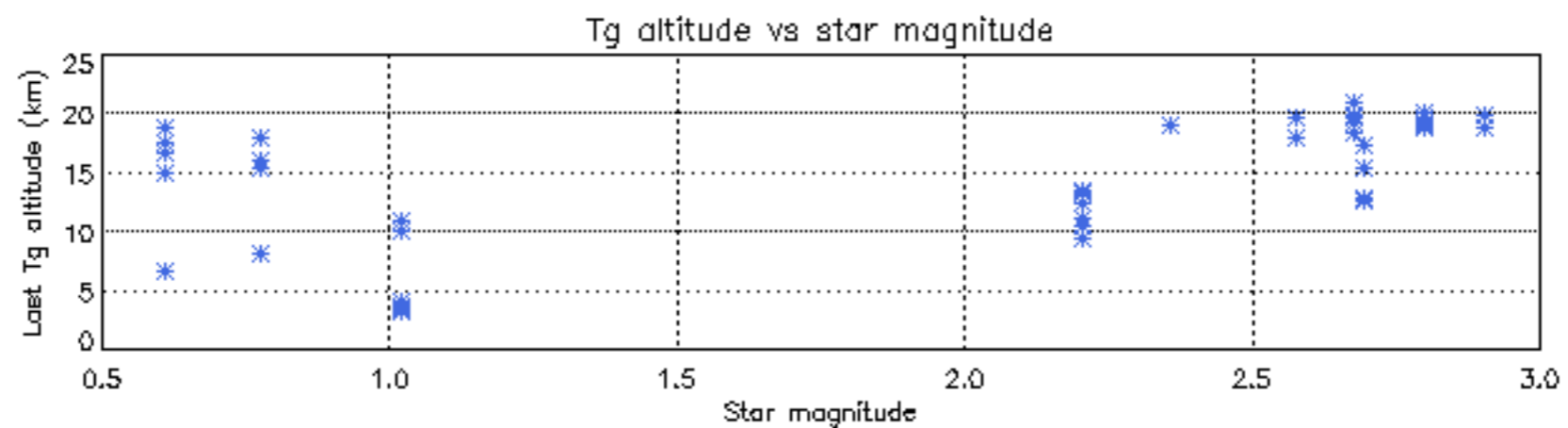
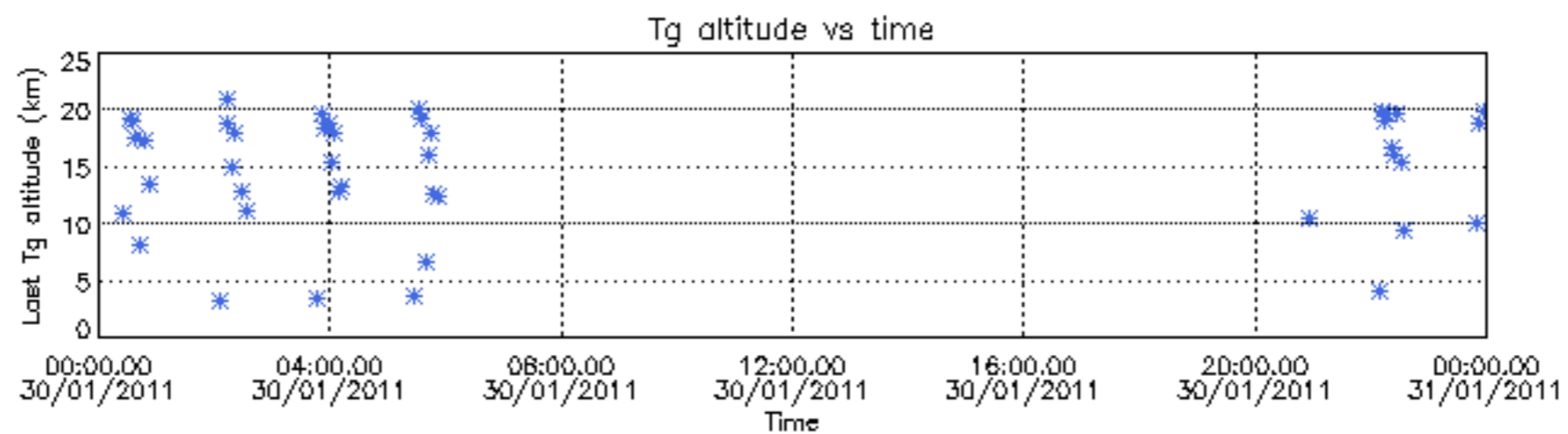
Percentage of star falling outside central band per profile



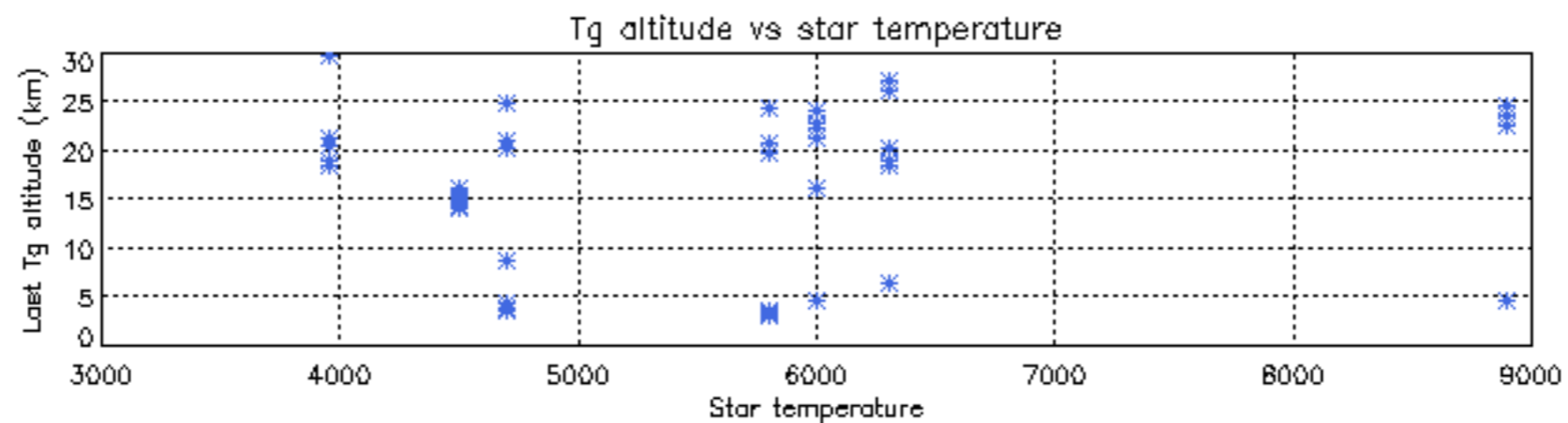
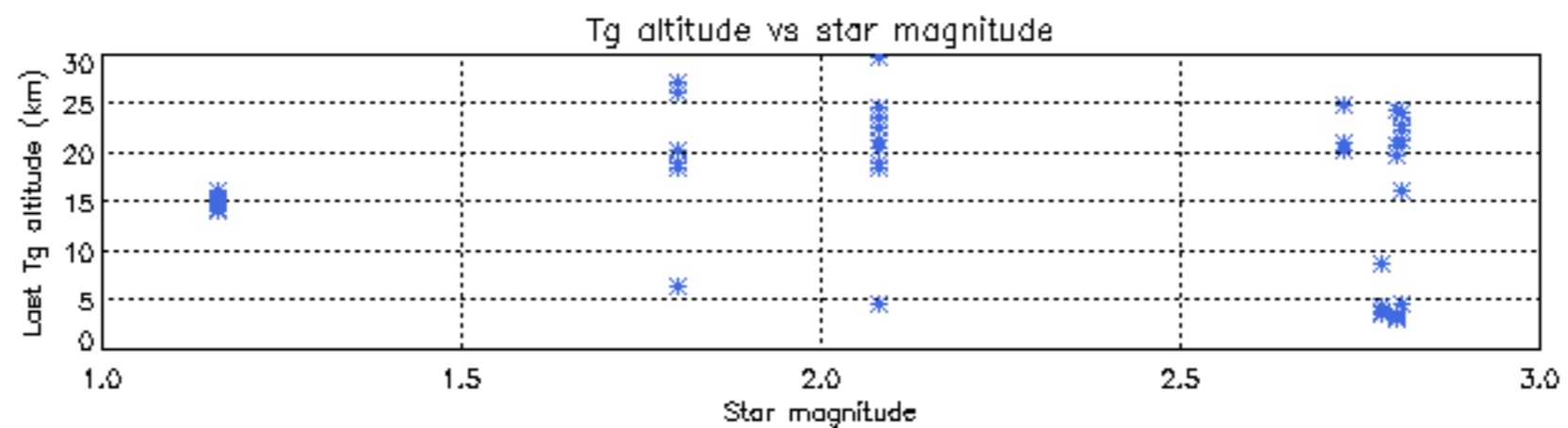
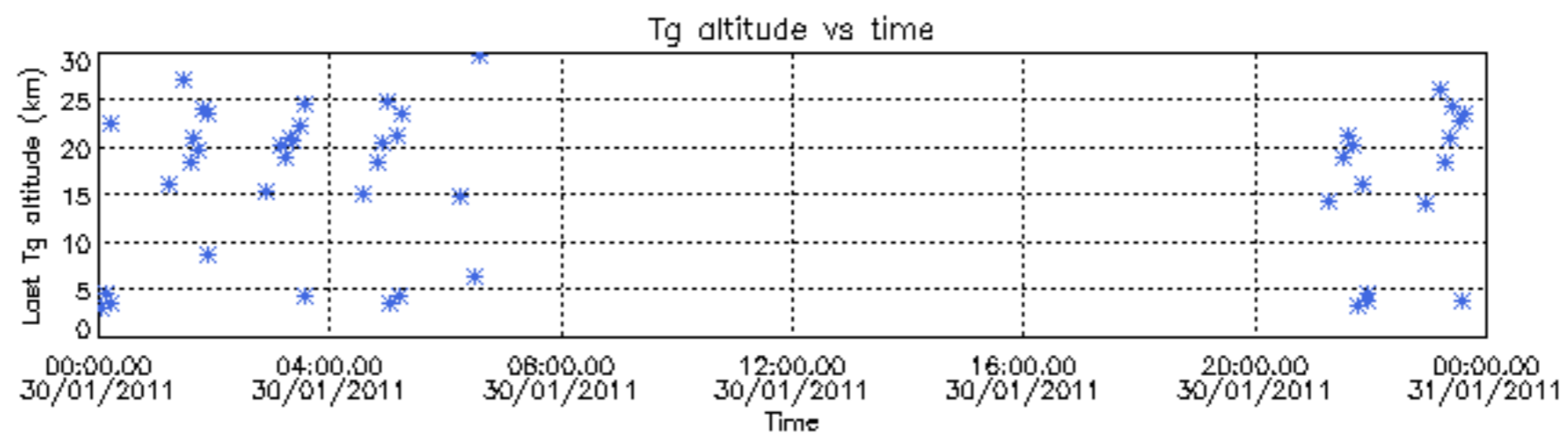
Percentage of saturation errors per profile

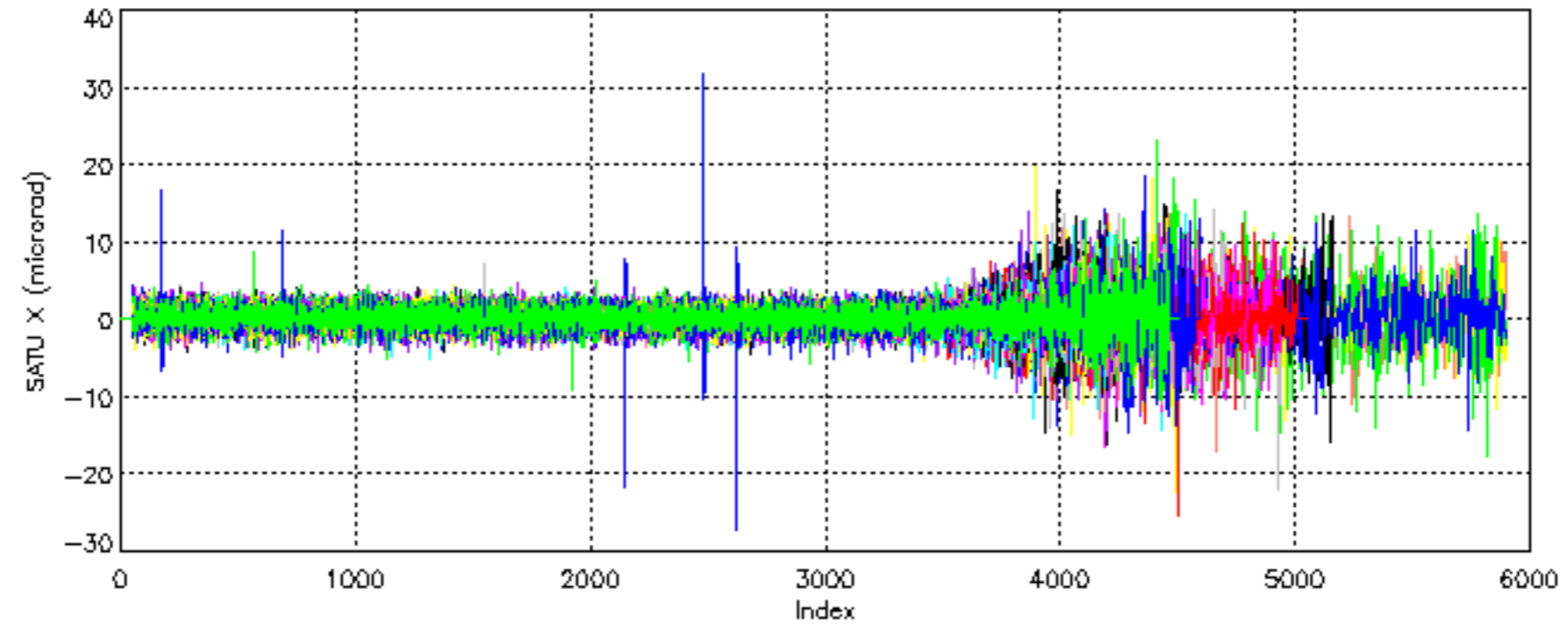


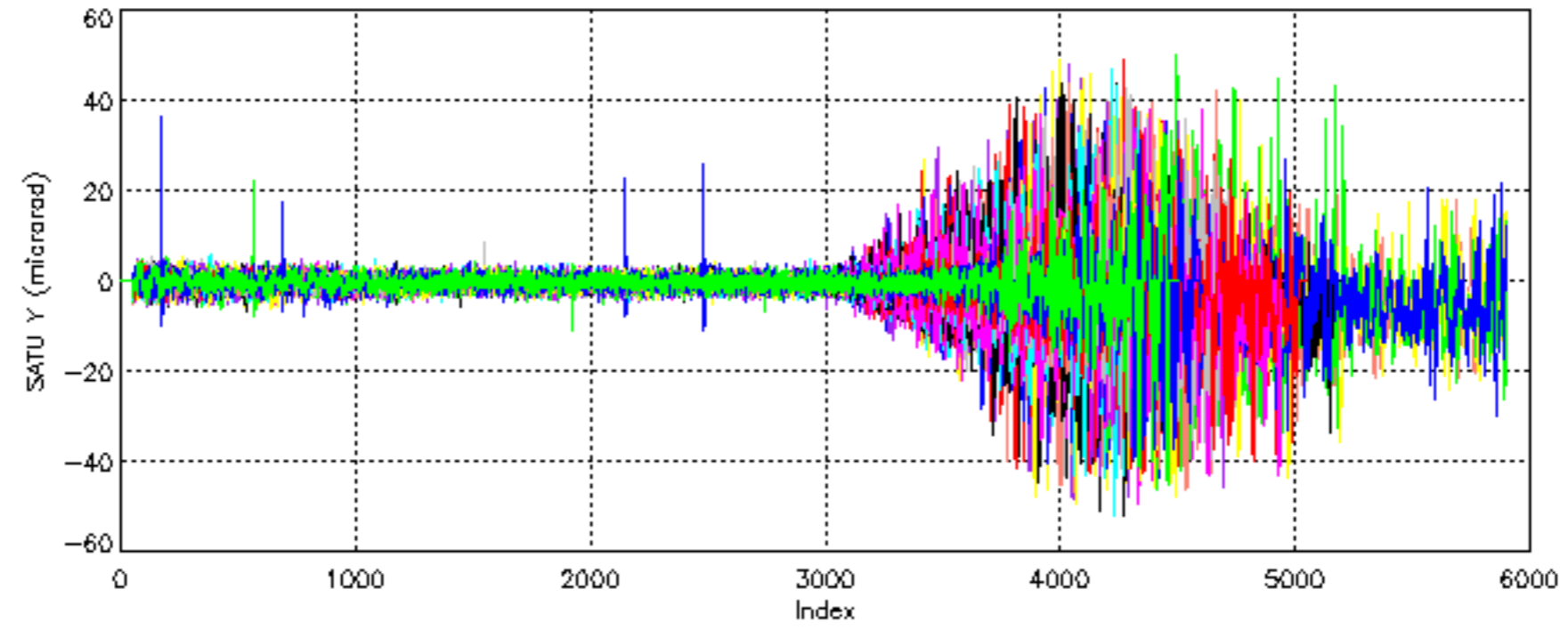
Tangent altitude at which the star is lost

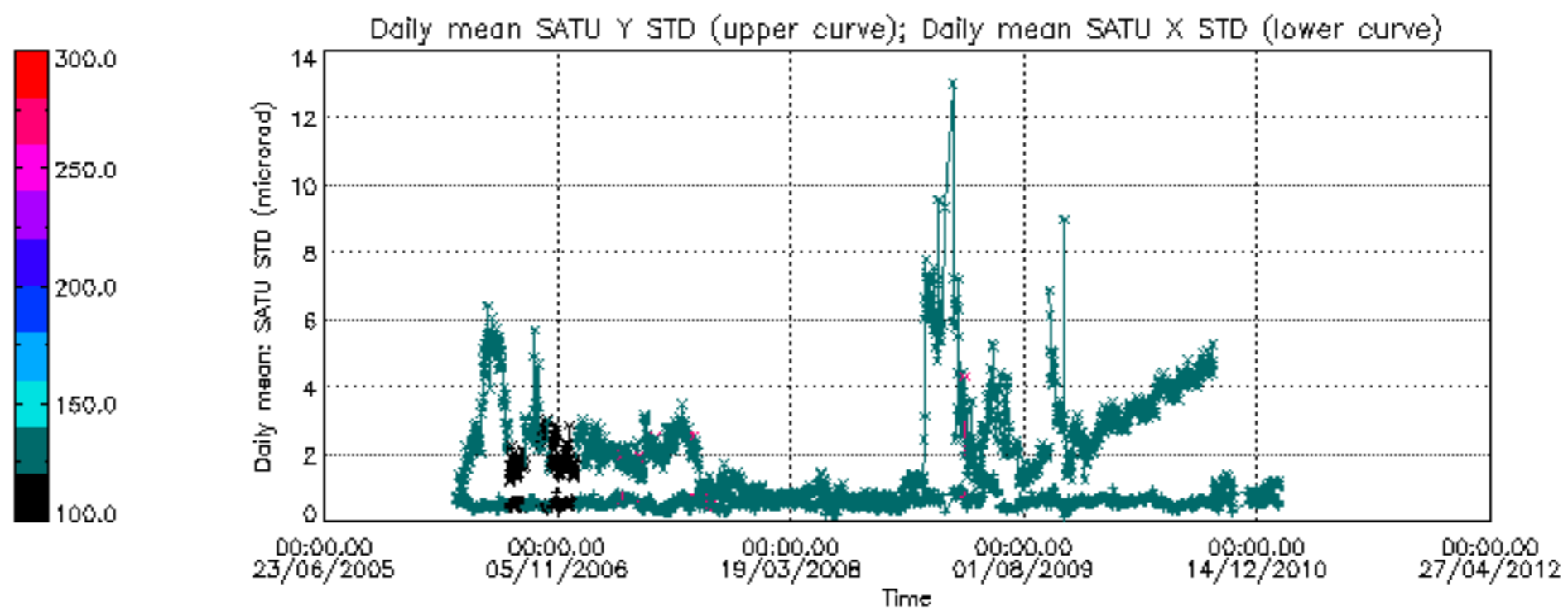


Tangent altitude at which the star is lost









/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
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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
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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
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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
3;	-1927.5;	01-JAN-2011	04:24:53;	Bright;	;	45.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	90;	0;	46211
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 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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 6; -1121.6; 06-JAN-2011 06:35:22; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46284
 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
 9; -214.3; 06-JAN-2011 06:50:30; Dark ; 53.5; 54; 5The Cen ; 2.06; 4500;occ; 107; 0;46284
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 11; 41.7; 06-JAN-2011 06:54:46; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46285
 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
 20; 1350.6; 06-JAN-2011 07:16:34; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;46285
 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
 26; 7453.4; 06-JAN-2011 08:58:17; Dark ; 42.5; 179; 240mi2CMA ; 3.03; 24000;occ; 85; 0;46286
 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
 4; 2536.4; 06-JAN-2011 09:16:34; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46286
 5; 2669.2; 06-JAN-2011 09:18:47; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 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
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 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
 7; 3663.1; 06-JAN-2011 11:15:35; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46287
 8; 3904.6; 06-JAN-2011 11:19:36; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;46287
 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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 11; 4569.0; 06-JAN-2011 11:30:41; Bright; 48.0; 83; ; 2.38; 11000;occ; 96; 0;46287
 12; 4893.5; 06-JAN-2011 11:36:05; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46287
 13; 5210.0; 06-JAN-2011 11:41:22; Dark ; 42.5; 104; 27Bet Lib ; 2.61; 13100;occ; 85; 0;46287
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 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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 11; 4569.2; 06-JAN-2011 13:10:55; Bright; 48.5; 83; ; 2.38; 11000;occ; 97; 0;46288
 12; 4893.7; 06-JAN-2011 13:16:20; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46288
 13; 5210.6; 06-JAN-2011 13:21:36; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;46288
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 19; 6299.3; 06-JAN-2011 13:39:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46289
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 21; 6679.2; 06-JAN-2011 13:46:05; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;46289
 22; 6793.0; 06-JAN-2011 13:47:59; Dark ; 40.0; 46; Del Vel ; 1.95; 10600;occ; 80; 0;46289
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 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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 6; 2536.2; 06-JAN-2011 14:17:16; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46289
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 9; 3904.9; 06-JAN-2011 14:40:05; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;46289
 10; 4067.8; 06-JAN-2011 14:42:48; Bright; 49.0; 39; 85Eta UMa ; 1.85; 24000;occ; 98; 0;46289
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 12; 4569.6; 06-JAN-2011 14:51:09; Bright; 46.5; 83; ; 2.38; 11000;occ; 93; 0;46289
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 15; 5382.3; 06-JAN-2011 15:04:42; Dark ; 45.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 91; 0;46289
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 4; 2437.3; 17-JAN-2011 12:32:18; Bright; 46.5; 17; 78Bet Gem ; 1.16; 4500;occ; 93; 0;46446
 5; 3410.9; 17-JAN-2011 12:48:31; Bright; 32.0; 36; 50Alp UMa ; 1.80; 6300;occ; 64; 0;46446
 6; 3638.7; 17-JAN-2011 12:52:19; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;46446
 7; 3900.6; 17-JAN-2011 12:56:41; Bright; 34.0; 119; 14Eta Dra ; 2.73; 4700;occ; 68; 0;46446
 8; 4436.7; 17-JAN-2011 13:05:37; Bright; 55.0; 133; 40Zet Her ; 2.81; 6000;occ; 110; 0;46446
 9; 4571.8; 17-JAN-2011 13:07:52; Bright; 66.0; 67; 5Alp CrB ; 2.22; 11000;occ; 132; 0;46446
 10; 4963.2; 17-JAN-2011 13:14:24; Bright; 44.5; 102; 24Alp Ser ; 2.60; 4250;occ; 89; 0;46446
 11; 5088.7; 17-JAN-2011 13:16:29; Bright; 58.0; 120; 1Del Oph ; 2.73; 3200;occ; 116; 0;46446
 12; 5320.4; 17-JAN-2011 13:20:21; Dark ; 49.5; 104; 27Bet Lib ; 2.61; 13100;occ; 99; 0;46446
 13; 5426.5; 17-JAN-2011 13:22:07; Dark ; 47.0; 80; 7Del Sco ; 2.32; 30000;occ; 94; 0;46446
 14; 5522.5; 17-JAN-2011 13:23:43; Dark ; 54.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 109; 0;46446
 15; 5753.8; 17-JAN-2011 13:27:34; Dark ; 40.0; 131; Gam Lup ; 2.80; 26000;occ; 80; 0;46446
 16; 5862.8; 17-JAN-2011 13:29:23; Dark ; 43.0; 109; Bet Lup ; 2.68; 26000;occ; 86; 0;46446
 17; 5952.4; 17-JAN-2011 13:30:53; Dark ; 50.0; 54; 5The Cen ; 2.06; 4500;occ; 100; 0;46446
 18; 6079.0; 17-JAN-2011 13:32:59; Dark ; 44.0; 95; Zet Cen ; 2.55; 26000;occ; 88; 0;46447
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 22; 6681.6; 17-JAN-2011 13:43:02; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;46447
 23; 6800.1; 17-JAN-2011 13:45:00; Dark ; 41.5; 91; Kap Vel ; 2.49; 26000;occ; 83; 0;46447
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 4; 2437.2; 17-JAN-2011 14:12:32; Bright; 47.0; 17; 78Bet Gem ; 1.16; 4500;occ; 94; 0;46447
 5; 3638.5; 17-JAN-2011 14:32:33; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46447
 6; 3900.6; 17-JAN-2011 14:36:55; Bright; 55.0; 119; 14Eta Dra ; 2.73; 4700;occ; 110; 0;46447
 7; 4437.1; 17-JAN-2011 14:45:51; Bright; 55.0; 133; 40Zet Her ; 2.81; 6000;occ; 110; 0;46447
 8; 4572.2; 17-JAN-2011 14:48:07; Bright; 66.0; 67; 5Alp CrB ; 2.22; 11000;occ; 132; 0;46447
 9; 4963.7; 17-JAN-2011 14:54:38; Bright; 64.0; 102; 24Alp Ser ; 2.60; 4250;occ; 128; 0;46447
 10; 5089.4; 17-JAN-2011 14:56:44; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;46447
 11; 5321.3; 17-JAN-2011 15:00:36; Dark ; 51.5; 104; 27Bet Lib ; 2.61; 13100;occ; 103; 0;46447
 12; 5427.1; 17-JAN-2011 15:02:21; Dark ; 43.0; 80; 7Del Sco ; 2.32; 30000;occ; 86; 0;46447
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 22; 6800.6; 17-JAN-2011 15:25:15; Dark ; 41.5; 91; Kap Vel ; 2.49; 26000;occ; 83; 0;46448
 23; 7024.8; 17-JAN-2011 15:28:59; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;46448
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 4; 2326.9; 17-JAN-2011 15:50:55; Bright; 38.0; 170; 27Eps Gem ; 3.00; 9700;occ; 76; 0;46448
 5; 2436.6; 17-JAN-2011 15:52:45; Bright; 45.5; 17; 78Bet Gem ; 1.16; 4500;occ; 91; 0;46448
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 23; 6683.2; 17-JAN-2011 17:03:32; Dark ; 50.0; 113; Mu Vel ; 2.69; 5000;occ; 100; 0;46449
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 7; 3408.6; 17-JAN-2011 17:49:11; Bright; 33.0; 36; 50Alp UMA ; 1.80; 6300;occ; 66; 0;46449
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 9; 3900.3; 17-JAN-2011 17:57:23; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;46449
 10; 4437.0; 17-JAN-2011 18:06:20; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;46449
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 17; 5755.6; 17-JAN-2011 18:28:18; Dark ; 41.5; 131; Gam Lup ; 2.80; 26000;occ; 83; 0;46449
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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
 23; 6450.1; 17-JAN-2011 18:39:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46450
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 4; -54.0; 18-JAN-2011 01:12:39; Dark ; 61.0; 54; 5The Cen ; 2.06; 4500;occ; 122; 0;46453
 5; 70.9; 18-JAN-2011 01:14:43; Dark ; 42.5; 95; Zet Cen ; 2.55; 26000;occ; 85; 0;46454
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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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 22; 4573.7; 18-JAN-2011 02:29:46; Bright; 64.0; 67; 5Alp CrB ; 2.22; 11000;occ; 128; 0;46454
 23; 5327.3; 18-JAN-2011 02:42:20; Dark ; 51.0; 104; 27Bet Lib ; 2.61; 13100;occ; 102; 0;46454


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26; 5758.4; 18-JAN-2011 02:49:31; Dark ; 40.0; 131; Gam Lup ; 2.80; 26000;occ; 80; 0;46454
27; 5868.2; 18-JAN-2011 02:51:21; Dark ; 41.5; 109; Bet Lup ; 2.68; 26000;occ; 83; 0;46454
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
30; 6169.9; 18-JAN-2011 02:56:22; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46455
31; 6370.2; 18-JAN-2011 02:59:43; Dark ; 40.0; 12; Alp1Cru ; 0.77; 30000;occ; 80; 0;46455
32; 6454.5; 18-JAN-2011 03:01:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46455
33; 6687.5; 18-JAN-2011 03:05:00; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46455
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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36; 7154.4; 18-JAN-2011 03:12:47; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;46455
37; 7377.0; 18-JAN-2011 03:16:30; Dark ; 41.5; 88; 31Eta CMa ; 2.45; 20000;occ; 83; 0;46455
38; 8007.3; 18-JAN-2011 03:27:00; Dark ; 61.0; 8; 10Alp CMi ; 0.40; 6500;occ; 122; 0;46455
39; 8187.6; 18-JAN-2011 03:30:00; Dark ; 54.0; 44; 24Gam Gem ; 1.93; 11000;occ; 108; 0;46455
40; 8340.2; 18-JAN-2011 03:32:33; Bright; 40.0; 170; 27Eps Gem ; 3.00; 9700;occ; 80; 0;46455
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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12; 5531.1; 18-JAN-2011 02:45:44; Dark ; 53.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 106; 0;46454
13; 5758.4; 18-JAN-2011 02:49:31; Dark ; 40.0; 131; Gam Lup ; 2.80; 26000;occ; 80; 0;46454
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8; 4445.0; 21-JAN-2011 15:39:32; Bright; 57.0; 133; 40Zet Her ; 2.81; 6000;occ; 114; 0;46505
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21; 6597.2; 31-JAN-2011 16:49:03; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;46650
22; 6819.8; 31-JAN-2011 16:52:45; Dark ; 51.5; 113; Mu Vel ; 2.69; 5000;occ; 103; 0;46650
23; 7084.5; 31-JAN-2011 16:57:10; Dark ; 45.0; 65; Lam Vel ; 2.20; 4400;occ; 90; 0;46650
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3; 1980.4; 31-JAN-2011 17:12:20; Dark ; 54.0; 8; 10Alp CMi ; 0.40; 6500;occ; 108; 0;46650
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12; 5289.6; 31-JAN-2011 18:07:29; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;46650
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