

GOMOS Daily Report 17-JUL-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	23JUL2011 07:06:15
Data source version	GOMOS/6.01
Start time of products	17JUL2011 00:01:40
Stop time of products	17JUL2011 23:52:30
Store outputs in DB	Yes
Nb of level 1b prods	285
Nb of prods with errors	1

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

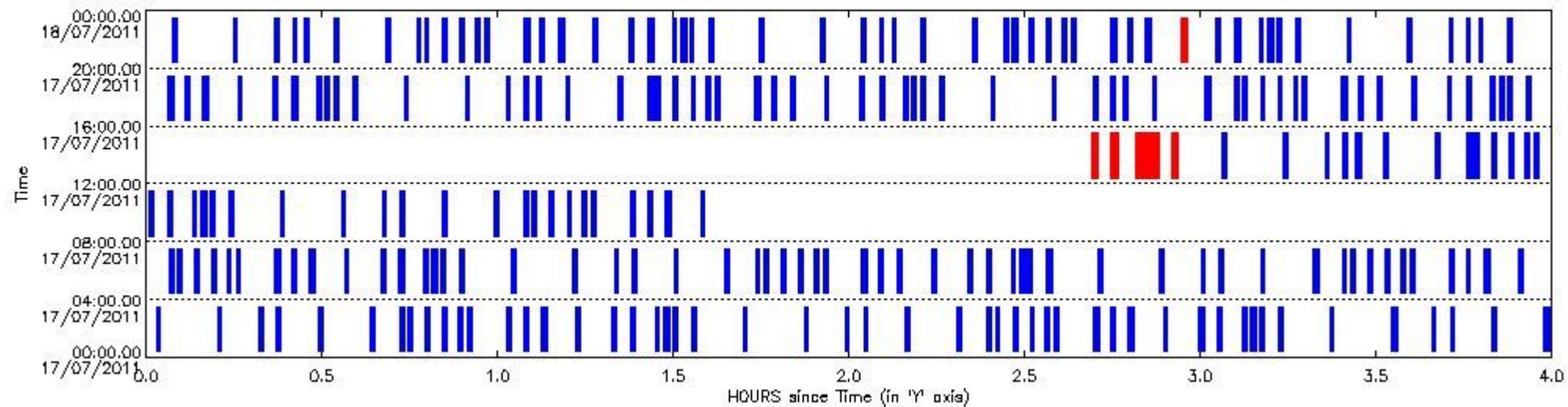
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
17-JUL-2011 14:41:31	AlpEri	9	49048
17-JUL-2011 14:44:46	AlpPhe	84	49048
17-JUL-2011 14:48:57	AlpTuc	148	49048
17-JUL-2011 14:50:21	BetGru	63	49048
17-JUL-2011 14:51:53	AlpGru	31	49048
17-JUL-2011 14:55:05	GamGru	172	49048
17-JUL-2011 22:56:40	The1Eri	157	49052

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_1PNPDE20110717_000140_000000393104_00318_49039_4141.N1	17-JUL-2011 00:01:40	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49039	No
2	GOM_TRA_1PNPDE20110717_001208_000000373104_00318_49039_4142.N1	17-JUL-2011 00:12:08	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	49039	No
3	GOM_TRA_1PNPDE20110717_001910_000000473104_00318_49039_4143.N1	17-JUL-2011 00:19:10	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	49039	No
4	GOM_TRA_1PNPDE20110717_002214_000000423104_00318_49039_4144.N1	17-JUL-2011 00:22:14	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49039	No

5	GOM_TRA_1PNPDE20110717_002922_000000403104_00318_49039_4145.N1	17-JUL-2011 00:29:22	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49039	No
6	GOM_TRA_1PNPDE20110717_003810_000000493104_00318_49039_4146.N1	17-JUL-2011 00:38:10	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49039	No
7	GOM_TRA_1PNPDE20110717_004320_000000393104_00318_49039_4147.N1	17-JUL-2011 00:43:20	Bright	38.500	160	23Gam Per	2.9300	4700.0	77	49039	No
8	GOM_TRA_1PNPDE20110717_004443_000000443104_00318_49039_4148.N1	17-JUL-2011 00:44:43	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49039	No
9	GOM_TRA_1PNPDE20110717_004740_000000473104_00318_49039_4149.N1	17-JUL-2011 00:47:40	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49039	No
10	GOM_TRA_1PNPDE20110717_005038_000000463104_00318_49039_4150.N1	17-JUL-2011 00:50:38	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49039	No
11	GOM_TRA_1PNPDE20110717_005315_000000463104_00318_49039_4151.N1	17-JUL-2011 00:53:15	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49039	No
12	GOM_TRA_1PNPDE20110717_005450_000000403104_00318_49039_4152.N1	17-JUL-2011 00:54:50	Twilight	40.000	13	87Alp Tau	0.86700	3800.0	80	49039	No
13	GOM_TRA_1PNPDE20110717_010123_000000593104_00318_49039_4153.N1	17-JUL-2011 01:01:23	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49039	No
14	GOM_TRA_1PNPDE20110717_010421_000000473104_00318_49039_4161.N1	17-JUL-2011 01:04:21	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49039	No
15	GOM_TRA_1PNPDE20110717_011322_000000423104_00318_49039_4162.N1	17-JUL-2011 01:13:22	Dark	41.500	157	The1Eri	2.9060	9300.0	83	49039	No
16	GOM_TRA_1PNPDE20110717_011928_000000463104_00319_49040_4163.N1	17-JUL-2011 01:19:28	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49040	No
17	GOM_TRA_1PNPDE20110717_012238_000000533104_00319_49040_4164.N1	17-JUL-2011 01:22:38	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49040	No
18	GOM_TRA_1PNPDE20110717_012655_000000423104_00319_49040_4165.N1	17-JUL-2011 01:26:55	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49040	No
19	GOM_TRA_1PNPDE20110717_012816_000000633104_00319_49040_4166.N1	17-JUL-2011 01:28:16	Straylight	63.000	63	Bet Gru	2.1500	2800.0	126	49040	No
20	GOM_TRA_1PNPDE20110717_012949_000000503104_00319_49040_4167.N1	17-JUL-2011 01:29:49	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	49040	No
21	GOM_TRA_1PNPDE20110717_013301_000000513104_00319_49040_4168.N1	17-JUL-2011 01:33:01	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49040	No
22	GOM_TRA_1PNPDE20110717_014154_000000403104_00319_49040_4169.N1	17-JUL-2011 01:41:54	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49040	No
23	GOM_TRA_1PNPDE20110717_015222_000000393104_00319_49040_4170.N1	17-JUL-2011 01:52:22	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49040	No
24	GOM_TRA_1PNPDE20110717_015924_000000373104_00319_49040_4171.N1	17-JUL-2011 01:59:24	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	49040	No
25	GOM_TRA_1PNPDE20110717_020228_000000423104_00319_49040_4172.N1	17-JUL-2011 02:02:28	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49040	No
26	GOM_TRA_1PNPDE20110717_020935_000000443104_00319_49040_4173.N1	17-JUL-2011 02:09:35	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	49040	No
27	GOM_TRA_1PNPDE20110717_021823_000000473104_00319_49040_4174.N1	17-JUL-2011 02:18:23	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49040	No
28	GOM_TRA_1PNPDE20110717_022334_000000443104_00319_49040_4175.N1	17-JUL-2011 02:23:34	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	49040	No
29	GOM_TRA_1PNPDE20110717_022457_000000443104_00319_49040_4176.N1	17-JUL-2011 02:24:57	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	49040	No
30	GOM_TRA_1PNPDE20110717_022754_000000513104_00319_49040_4177.N1	17-JUL-2011 02:27:54	Bright	50.500	79	26Bet Per	2.3100	13100.	101	49040	No
31	GOM_TRA_1PNPDE20110717_023052_000000463104_00319_49040_4178.N1	17-JUL-2011 02:30:52	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49040	No
32	GOM_TRA_1PNPDE20110717_023329_000000463104_00319_49040_4179.N1	17-JUL-2011 02:33:29	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	49040	No
33	GOM_TRA_1PNPDE20110717_023504_000000413104_00319_49040_4180.N1	17-JUL-2011 02:35:04	Twilight	40.500	13	87Alp Tau	0.86700	3800.0	81	49040	No
34	GOM_TRA_1PNPDE20110717_024138_000000643104_00319_49040_4181.N1	17-JUL-2011 02:41:38	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	49040	No
35	GOM_TRA_1PNPDE20110717_024435_000000473104_00319_49040_4182.N1	17-JUL-2011 02:44:35	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49040	No
36	GOM_TRA_1PNPDE20110717_025337_000000423104_00319_49040_4183.N1	17-JUL-2011 02:53:37	Dark	41.500	157	The1Eri	2.9060	9300.0	83	49040	No
37	GOM_TRA_1PNPDE20110717_025943_000000553104_00320_49041_4184.N1	17-JUL-2011 02:59:43	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49041	No
38	GOM_TRA_1PNPDE20110717_030254_000000513104_00320_49041_4185.N1	17-JUL-2011 03:02:54	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	49041	No
39	GOM_TRA_1PNPDE20110717_030709_000000413104_00320_49041_4186.N1	17-JUL-2011 03:07:09	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49041	No
40	GOM_TRA_1PNPDE20110717_030831_000000583104_00320_49041_4187.N1	17-JUL-2011 03:08:31	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	49041	No
41	GOM_TRA_1PNPDE20110717_031004_000000493104_00320_49041_4188.N1	17-JUL-2011 03:10:04	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49041	No
42	GOM_TRA_1PNPDE20110717_031316_000000513104_00320_49041_4189.N1	17-JUL-2011 03:13:16	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49041	No
43	GOM_TRA_1PNPDE20110717_032208_000000393104_00320_49041_4190.N1	17-JUL-2011 03:22:08	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49041	No
44	GOM_TRA_1PNPDE20110717_033236_000000573104_00320_49041_4191.N1	17-JUL-2011 03:32:36	Bright	57.000	168	17Zet Aql	2.9860	11000.	114	49041	No
45	GOM_TRA_1PNPDE20110717_033938_000000353104_00320_49041_4192.N1	17-JUL-2011 03:39:38	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	49041	No
46	GOM_TRA_1PNPDE20110717_034241_000000433104_00320_49041_4193.N1	17-JUL-2011 03:42:41	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49041	No
47	GOM_TRA_1PNPDE20110717_034949_000000423104_00320_49041_4194.N1	17-JUL-2011 03:49:49	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49041	No
48	GOM_TRA_1PNPDE20110717_035837_000000593104_00320_49041_4218.N1	17-JUL-2011 03:58:37	Bright	58.500	76	27Gam Cas	2.3000	30000.	117	49041	No
49	GOM_TRA_1PNPDE20110717_040348_000000493104_00320_49041_4219.N1	17-JUL-2011 04:03:48	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	49041	No
50	GOM_TRA_1PNPDE20110717_040511_000000463104_00320_49041_4220.N1	17-JUL-2011 04:05:11	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49041	No
51	GOM_TRA_1PNPDE20110717_040808_000000453104_00320_49041_4221.N1	17-JUL-2011 04:08:08	Bright	45.000	79	26Bet Per	2.3100	13100.	90	49041	No
52	GOM_TRA_1PNPDE20110717_041106_000000443104_00320_49041_4222.N1	17-JUL-2011 04:11:06	Twilight	43.500	150	44Zet Per	2.8900	28000.	87	49041	No
53	GOM_TRA_1PNPDE20110717_041343_000000433104_00320_49041_4223.N1	17-JUL-2011 04:13:43	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	49041	No
54	GOM_TRA_1PNPDE20110717_041518_000000473104_00320_49041_4224.N1	17-JUL-2011 04:15:18	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49041	No
55	GOM_TRA_1PNPDE20110717_042153_000000633104_00320_49041_4225.N1	17-JUL-2011 04:21:53	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49041	No
56	GOM_TRA_1PNPDE20110717_042450_000000483104_00320_49041_4226.N1	17-JUL-2011 04:24:50	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	49041	No
57	GOM_TRA_1PNPDE20110717_043352_000000423104_00320_49041_4227.N1	17-JUL-2011 04:33:52	Dark	41.500	157	The1Eri	2.9060	9300.0	83	49041	No
58	GOM_TRA_1PNPDE20110717_043957_000000523104_00321_49042_4228.N1	17-JUL-2011 04:39:57	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49042	No
59	GOM_TRA_1PNPDE20110717_044309_000000553104_00321_49042_4229.N1	17-JUL-2011 04:43:09	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49042	No
60	GOM_TRA_1PNPDE20110717_044724_000000413104_00321_49042_4230.N1	17-JUL-2011 04:47:24	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49042	No
61	GOM_TRA_1PNPDE20110717_044846_000000603104_00321_49042_4231.N1	17-JUL-2011 04:48:46	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	49042	No
62	GOM_TRA_1PNPDE20110717_045019_000000483104_00321_49042_4232.N1	17-JUL-2011 04:50:19	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49042	No
63	GOM_TRA_1PNPDE20110717_045331_000000533104_00321_49042_4233.N1	17-JUL-2011 04:53:31	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	49042	No

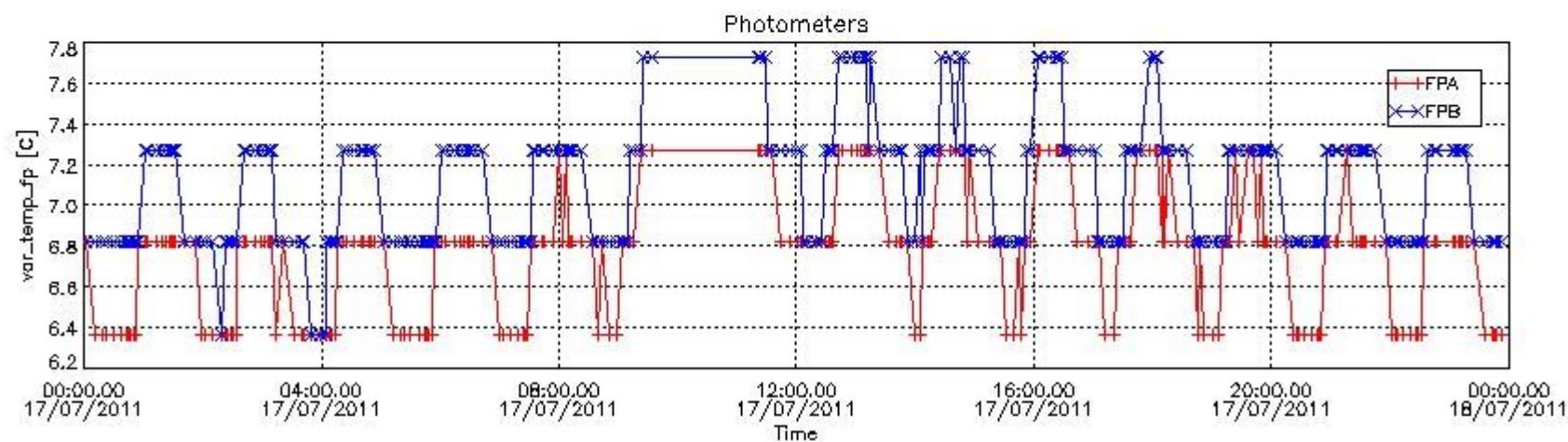
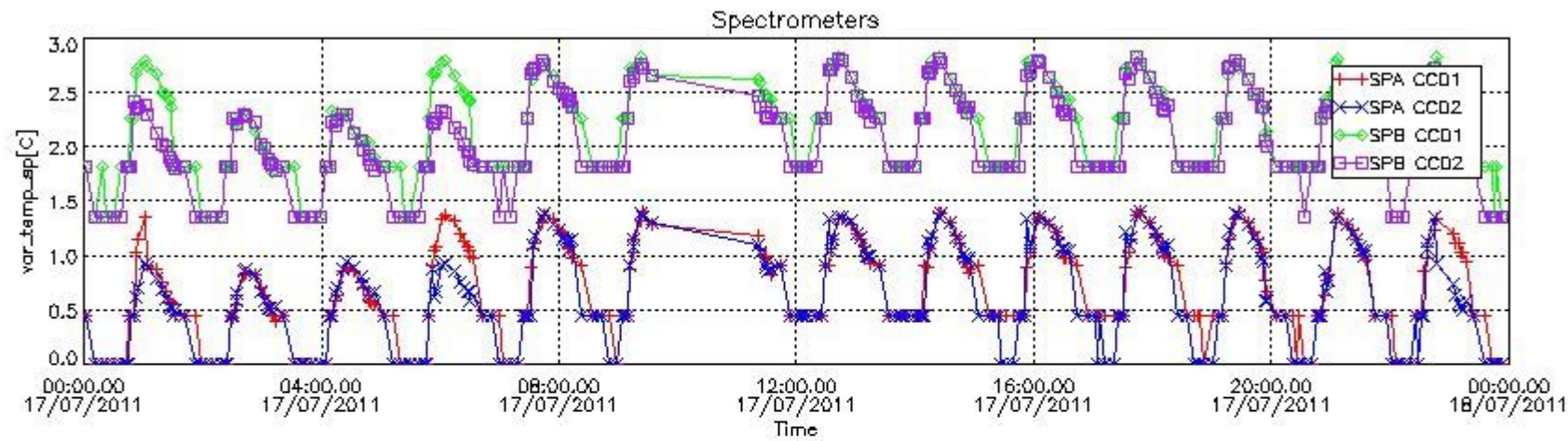
64	GOM_TRA_1PNPDE20110717_050222_000000403104_00321_49042_4234.N1	17-JUL-2011 05:02:22	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	49042	No
65	GOM_TRA_1PNPDE20110717_051250_000000383104_00321_49042_4235.N1	17-JUL-2011 05:12:50	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	49042	No
66	GOM_TRA_1PNPDE20110717_051952_000000383104_00321_49042_4236.N1	17-JUL-2011 05:19:52	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49042	No
67	GOM_TRA_1PNPDE20110717_052255_000000423104_00321_49042_4237.N1	17-JUL-2011 05:22:55	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49042	No
68	GOM_TRA_1PNPDE20110717_053002_000000433104_00321_49042_4238.N1	17-JUL-2011 05:30:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49042	No
69	GOM_TRA_1PNPDE20110717_053850_000000473104_00321_49042_4257.N1	17-JUL-2011 05:38:50	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49042	No
70	GOM_TRA_1PNPDE20110717_054402_000000423104_00321_49042_4258.N1	17-JUL-2011 05:44:02	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	49042	No
71	GOM_TRA_1PNPDE20110717_054525_000000443104_00321_49042_4259.N1	17-JUL-2011 05:45:25	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49042	No
72	GOM_TRA_1PNPDE20110717_054822_000000493104_00321_49042_4260.N1	17-JUL-2011 05:48:22	Bright	49.000	79	26Bet Per	2.3100	13100.	98	49042	No
73	GOM_TRA_1PNPDE20110717_055120_000000463104_00321_49042_4261.N1	17-JUL-2011 05:51:20	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49042	No
74	GOM_TRA_1PNPDE20110717_055357_000000453104_00321_49042_4262.N1	17-JUL-2011 05:53:57	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	49042	No
75	GOM_TRA_1PNPDE20110717_055533_000000473104_00321_49042_4263.N1	17-JUL-2011 05:55:33	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	49042	No
76	GOM_TRA_1PNPDE20110717_060208_000000613104_00321_49042_4264.N1	17-JUL-2011 06:02:08	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	49042	No
77	GOM_TRA_1PNPDE20110717_060504_000000463104_00321_49042_4265.N1	17-JUL-2011 06:05:04	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49042	No
78	GOM_TRA_1PNPDE20110717_061407_000000433104_00321_49042_4266.N1	17-JUL-2011 06:14:07	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49042	No
79	GOM_TRA_1PNPDE20110717_062012_000000533104_00322_49043_4267.N1	17-JUL-2011 06:20:12	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49043	No
80	GOM_TRA_1PNPDE20110717_062324_000000613104_00322_49043_4268.N1	17-JUL-2011 06:23:24	Dark	60.500	84	Alp Phe	2.3970	4500.0	121	49043	No
81	GOM_TRA_1PNPDE20110717_062738_000000433104_00322_49043_4269.N1	17-JUL-2011 06:27:38	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	49043	No
82	GOM_TRA_1PNPDE20110717_062901_000000633104_00322_49043_4270.N1	17-JUL-2011 06:29:01	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	49043	No
83	GOM_TRA_1PNPDE20110717_063034_000000493104_00322_49043_4271.N1	17-JUL-2011 06:30:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49043	No
84	GOM_TRA_1PNPDE20110717_063345_000000523104_00322_49043_4272.N1	17-JUL-2011 06:33:45	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	49043	No
85	GOM_TRA_1PNPDE20110717_064236_000000403104_00322_49043_4273.N1	17-JUL-2011 06:42:36	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49043	No
86	GOM_TRA_1PNPDE20110717_065303_000000393104_00322_49043_4274.N1	17-JUL-2011 06:53:03	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49043	No
87	GOM_TRA_1PNPDE20110717_070006_000000403104_00322_49043_4275.N1	17-JUL-2011 07:00:06	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	49043	No
88	GOM_TRA_1PNPDE20110717_070309_000000413104_00322_49043_4276.N1	17-JUL-2011 07:03:09	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49043	No
89	GOM_TRA_1PNPDE20110717_071016_000000433104_00322_49043_4277.N1	17-JUL-2011 07:10:16	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49043	No
90	GOM_TRA_1PNPDK20110717_071904_000000703104_00322_49043_7085.N1	17-JUL-2011 07:19:04	Bright	70.000	76	27Gam Cas	2.3000	30000.	140	49043	No
91	GOM_TRA_1PNPDK20110717_072416_000000403104_00322_49043_7086.N1	17-JUL-2011 07:24:16	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	49043	No
92	GOM_TRA_1PNPDK20110717_072539_000000423104_00322_49043_7087.N1	17-JUL-2011 07:25:39	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	49043	No
93	GOM_TRA_1PNPDK20110717_072836_000000483104_00322_49043_7088.N1	17-JUL-2011 07:28:36	Bright	48.000	79	26Bet Per	2.3100	13100.	96	49043	No
94	GOM_TRA_1PNPDK20110717_073135_000000463104_00322_49043_7089.N1	17-JUL-2011 07:31:35	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49043	No
95	GOM_TRA_1PNPDK20110717_073412_000000453104_00322_49043_7090.N1	17-JUL-2011 07:34:12	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49043	No
96	GOM_TRA_1PNPDK20110717_073547_000000463104_00322_49043_7091.N1	17-JUL-2011 07:35:47	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	49043	No
97	GOM_TRA_1PNPDK20110717_074222_000000603104_00322_49043_7092.N1	17-JUL-2011 07:42:22	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	49043	No
98	GOM_TRA_1PNPDK20110717_074519_000000483104_00322_49043_7093.N1	17-JUL-2011 07:45:19	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49043	No
99	GOM_TRA_1PNPDK20110717_075421_000000433104_00322_49043_7094.N1	17-JUL-2011 07:54:21	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49043	No
100	GOM_TRA_1PNPDK20110717_080027_000000523104_00323_49044_7095.N1	17-JUL-2011 08:00:27	Dark	51.500	9	Alp Eri	0.45300	24000.	103	49044	No
101	GOM_TRA_1PNPDK20110717_080339_000000523104_00323_49044_7096.N1	17-JUL-2011 08:03:39	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	49044	No
102	GOM_TRA_1PNPDK20110717_080753_000000403104_00323_49044_7097.N1	17-JUL-2011 08:07:53	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	49044	No
103	GOM_TRA_1PNPDK20110717_080916_000000663104_00323_49044_7098.N1	17-JUL-2011 08:09:16	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	49044	No
104	GOM_TRA_1PNPDK20110717_081048_000000453104_00323_49044_7099.N1	17-JUL-2011 08:10:48	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49044	No
105	GOM_TRA_1PNPDK20110717_081400_000000523104_00323_49044_7100.N1	17-JUL-2011 08:14:00	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	49044	No
106	GOM_TRA_1PNPDK20110717_082250_000000393104_00323_49044_7101.N1	17-JUL-2011 08:22:50	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49044	No
107	GOM_TRA_1PNPDK20110717_083317_000000403104_00323_49044_7122.N1	17-JUL-2011 08:33:17	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49044	No
108	GOM_TRA_1PNPDK20110717_084019_000000393104_00323_49044_7123.N1	17-JUL-2011 08:40:19	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	49044	No
109	GOM_TRA_1PNPDK20110717_084322_000000423104_00323_49044_7124.N1	17-JUL-2011 08:43:22	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49044	No
110	GOM_TRA_1PNPDK20110717_085029_000000443104_00323_49044_7125.N1	17-JUL-2011 08:50:29	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	49044	No
111	GOM_TRA_1PNPDK20110717_085917_000000483104_00323_49044_7126.N1	17-JUL-2011 08:59:17	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49044	No
112	GOM_TRA_1PNPDK20110717_090429_000000503104_00323_49044_7127.N1	17-JUL-2011 09:04:29	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	49044	No
113	GOM_TRA_1PNPDK20110717_090552_000000433104_00323_49044_7128.N1	17-JUL-2011 09:05:52	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	49044	No
114	GOM_TRA_1PNPDK20110717_090850_000000473104_00323_49044_7129.N1	17-JUL-2011 09:08:50	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49044	No
115	GOM_TRA_1PNPDK20110717_091149_000000443104_00323_49044_7130.N1	17-JUL-2011 09:11:49	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	49044	No
116	GOM_TRA_1PNPDK20110717_091426_000000453104_00323_49044_7131.N1	17-JUL-2011 09:14:26	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49044	No
117	GOM_TRA_1PNPDK20110717_091601_000000453104_00323_49044_7132.N1	17-JUL-2011 09:16:01	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	49044	No
118	GOM_TRA_1PNPDK20110717_092237_000000593104_00323_49044_7133.N1	17-JUL-2011 09:22:37	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49044	No
119	GOM_TRA_1PNPDK20110717_092533_000000463104_00323_49044_7134.N1	17-JUL-2011 09:25:33	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	49044	No
120	GOM_TRA_1PNPDK20110717_093436_000000413104_00323_49044_7135.N1	17-JUL-2011 09:34:36	Dark	40.500	157	The1Eri	2.9060	9300.0	81	49044	No
121	GOM_TRA_1PNPDK20110717_112056_000000463104_00325_49046_7159.N1	17-JUL-2011 11:20:56	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49046	No
122	GOM_TRA_1PNPDK20110717_112409_000000533104_00325_49046_7160.N1	17-JUL-2011 11:24:09	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49046	No

123	GOM_TRA_1PNPDK20110717_112822_000000433104_00325_49046_7161.N1	17-JUL-2011 11:28:22	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	49046	No
124	GOM_TRA_1PNPDK20110717_112945_000000533104_00325_49046_7162.N1	17-JUL-2011 11:29:45	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	49046	No
125	GOM_TRA_1PNPDK20110717_113117_000000493104_00325_49046_7163.N1	17-JUL-2011 11:31:17	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49046	No
126	GOM_TRA_1PNPDK20110717_113430_000000533104_00325_49046_7164.N1	17-JUL-2011 11:34:30	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	49046	No
127	GOM_TRA_1PNPDK20110717_114319_000000393104_00325_49046_7165.N1	17-JUL-2011 11:43:19	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49046	No
128	GOM_TRA_1PNPDK20110717_115345_000000383104_00325_49046_7193.N1	17-JUL-2011 11:53:45	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	49046	No
129	GOM_TRA_1PNPDK20110717_120047_000000363104_00325_49046_7194.N1	17-JUL-2011 12:00:47	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	49046	No
130	GOM_TRA_1PNPDK20110717_120349_000000403104_00325_49046_7195.N1	17-JUL-2011 12:03:49	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49046	No
131	GOM_TRA_1PNPDK20110717_120557_000000493104_00325_49046_7196.N1	17-JUL-2011 12:05:57	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	49046	No
132	GOM_TRA_1PNPDK20110717_121056_000000423104_00325_49046_7197.N1	17-JUL-2011 12:10:56	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49046	No
133	GOM_TRA_1PNPDK20110717_121944_000000483104_00325_49046_7198.N1	17-JUL-2011 12:19:44	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49046	No
134	GOM_TRA_1PNPDK20110717_122457_000000563104_00325_49046_7199.N1	17-JUL-2011 12:24:57	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	49046	No
135	GOM_TRA_1PNPDK20110717_122620_000000453104_00325_49046_7200.N1	17-JUL-2011 12:26:20	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49046	No
136	GOM_TRA_1PNPDK20110717_122918_000000503104_00325_49046_7201.N1	17-JUL-2011 12:29:18	Bright	49.500	79	26Bet Per	2.3100	13100.	99	49046	No
137	GOM_TRA_1PNPDK20110717_123217_000000453104_00325_49046_7202.N1	17-JUL-2011 12:32:17	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	49046	No
138	GOM_TRA_1PNPDK20110717_123454_000000473104_00325_49046_7203.N1	17-JUL-2011 12:34:54	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49046	No
139	GOM_TRA_1PNPDK20110717_123629_000000443104_00325_49046_7204.N1	17-JUL-2011 12:36:29	Twilight	44.000	13	87Alp Tau	0.86700	3800.0	88	49046	No
140	GOM_TRA_1PNPDK20110717_124307_000000613104_00325_49046_7205.N1	17-JUL-2011 12:43:07	Dark	61.000	94	92Alp Cet	2.5260	3100.0	122	49046	No
141	GOM_TRA_1PNPDK20110717_124602_000000483104_00325_49046_7206.N1	17-JUL-2011 12:46:02	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49046	No
142	GOM_TRA_1PNPDK20110717_125505_000000433104_00325_49046_7207.N1	17-JUL-2011 12:55:05	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49046	No
143	GOM_TRA_1PNPDK20110717_130110_000000503104_00326_49047_7208.N1	17-JUL-2011 13:01:10	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49047	No
144	GOM_TRA_1PNPDK20110717_130424_000000553104_00326_49047_7209.N1	17-JUL-2011 13:04:24	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	49047	No
145	GOM_TRA_1PNPDK20110717_130836_000000433104_00326_49047_7210.N1	17-JUL-2011 13:08:36	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	49047	No
146	GOM_TRA_1PNPDK20110717_131000_000000503104_00326_49047_7211.N1	17-JUL-2011 13:10:00	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	49047	No
147	GOM_TRA_1PNPDK20110717_131132_000000493104_00326_49047_7212.N1	17-JUL-2011 13:11:32	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49047	No
148	GOM_TRA_1PNPDK20110717_131444_000000523104_00326_49047_7213.N1	17-JUL-2011 13:14:44	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49047	No
149	GOM_TRA_1PNPDK20110717_132333_000000383104_00326_49047_7214.N1	17-JUL-2011 13:23:33	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	49047	No
150	GOM_TRA_1PNPDK20110717_133359_000000573104_00326_49047_7223.N1	17-JUL-2011 13:33:59	Bright	57.000	168	17Zet Aql	2.9860	11000.	114	49047	No
151	GOM_TRA_1PNPDK20110717_134101_000000373104_00326_49047_7224.N1	17-JUL-2011 13:41:01	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	49047	No
152	GOM_TRA_1PNPDK20110717_134403_000000423104_00326_49047_7225.N1	17-JUL-2011 13:44:03	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49047	No
153	GOM_TRA_1PNPDK20110717_134610_000000503104_00326_49047_7226.N1	17-JUL-2011 13:46:10	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	49047	No
154	GOM_TRA_1PNPDK20110717_135109_000000443104_00326_49047_7227.N1	17-JUL-2011 13:51:09	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49047	No
155	GOM_TRA_1PNPDK20110717_135957_000000543104_00326_49047_7228.N1	17-JUL-2011 13:59:57	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	49047	No
156	GOM_TRA_1PNPDK20110717_140511_000000623104_00326_49047_7229.N1	17-JUL-2011 14:05:11	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	49047	No
157	GOM_TRA_1PNPDK20110717_140634_000000423104_00326_49047_7230.N1	17-JUL-2011 14:06:34	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	49047	No
158	GOM_TRA_1PNPDK20110717_140932_000000473104_00326_49047_7231.N1	17-JUL-2011 14:09:32	Bright	47.000	79	26Bet Per	2.3100	13100.	94	49047	No
159	GOM_TRA_1PNPDK20110717_141231_000000473104_00326_49047_7232.N1	17-JUL-2011 14:12:31	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	49047	No
160	GOM_TRA_1PNPDK20110717_141509_000000473104_00326_49047_7233.N1	17-JUL-2011 14:15:09	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49047	No
161	GOM_TRA_1PNPDK20110717_141644_000000553104_00326_49047_7234.N1	17-JUL-2011 14:16:44	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	49047	No
162	GOM_TRA_1PNPDK20110717_142322_000000623104_00326_49047_7235.N1	17-JUL-2011 14:23:22	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	49047	No
163	GOM_TRA_1PNPDK20110717_142617_000000483104_00326_49047_7236.N1	17-JUL-2011 14:26:17	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49047	No
164	GOM_TRA_1PNPDK20110717_143520_000000443104_00326_49047_7237.N1	17-JUL-2011 14:35:20	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49047	No
165	GOM_TRA_1PNPDK20110717_144125_000000433104_00327_49048_7238.N1	17-JUL-2011 14:41:25	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49048	No
166	GOM_TRA_1PNPDK20110717_144440_000000563104_00327_49048_7239.N1	17-JUL-2011 14:44:40	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	49048	No
167	GOM_TRA_1PNPDK20110717_144851_000000423104_00327_49048_7240.N1	17-JUL-2011 14:48:51	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49048	No
168	GOM_TRA_1PNPDK20110717_145015_000000593104_00327_49048_7241.N1	17-JUL-2011 14:50:15	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	49048	No
169	GOM_TRA_1PNPDK20110717_145147_000000473104_00327_49048_7242.N1	17-JUL-2011 14:51:47	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49048	No
170	GOM_TRA_1PNPDK20110717_145459_000000513104_00327_49048_7243.N1	17-JUL-2011 14:54:59	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	49048	No
171	GOM_TRA_1PNPDK20110717_150347_000000393104_00327_49048_7248.N1	17-JUL-2011 15:03:47	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49048	No
172	GOM_TRA_1PNPDK20110717_151413_000000393104_00327_49048_7249.N1	17-JUL-2011 15:14:13	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49048	No
173	GOM_TRA_1PNPDK20110717_152115_000000373104_00327_49048_7250.N1	17-JUL-2011 15:21:15	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	49048	No
174	GOM_TRA_1PNPDK20110717_152416_000000483104_00327_49048_7251.N1	17-JUL-2011 15:24:16	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	49048	No
175	GOM_TRA_1PNPDK20110717_152624_000000703104_00327_49048_7252.N1	17-JUL-2011 15:26:24	Bright	70.000	19	50Alp Cyg	1.2460	10500.	140	49048	No
176	GOM_TRA_1PNPDK20110717_153123_000000413104_00327_49048_7253.N1	17-JUL-2011 15:31:23	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49048	No
177	GOM_TRA_1PNPDK20110717_154011_000000483104_00327_49048_7254.N1	17-JUL-2011 15:40:11	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49048	No
178	GOM_TRA_1PNPDK20110717_154524_000000623104_00327_49048_7255.N1	17-JUL-2011 15:45:24	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	49048	No
179	GOM_TRA_1PNPDK20110717_154648_000000433104_00327_49048_7256.N1	17-JUL-2011 15:46:48	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	49048	No
180	GOM_TRA_1PNPDK20110717_154946_000000463104_00327_49048_7257.N1	17-JUL-2011 15:49:46	Bright	45.500	79	26Bet Per	2.3100	13100.	91	49048	No
181	GOM_TRA_1PNPDK20110717_155245_000000453104_00327_49048_7258.N1	17-JUL-2011 15:52:45	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	49048	No

182	GOM_TRA_1PNPDK20110717_155523_000000473104_00327_49048_7259.N1	17-JUL-2011 15:55:23	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	49048	No
183	GOM_TRA_1PNPDK20110717_155658_000000453104_00327_49048_7260.N1	17-JUL-2011 15:56:58	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	49048	No
184	GOM_TRA_1PNPDK20110717_160336_000000643104_00327_49048_7261.N1	17-JUL-2011 16:03:36	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	49048	No
185	GOM_TRA_1PNPDK20110717_160631_000000483104_00327_49048_7262.N1	17-JUL-2011 16:06:31	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	49048	No
186	GOM_TRA_1PNPDK20110717_161535_000000423104_00327_49048_7263.N1	17-JUL-2011 16:15:35	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49048	No
187	GOM_TRA_1PNPDK20110717_162140_000000523104_00328_49049_7264.N1	17-JUL-2011 16:21:40	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49049	No
188	GOM_TRA_1PNPDK20110717_162455_000000543104_00328_49049_7265.N1	17-JUL-2011 16:24:55	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49049	No
189	GOM_TRA_1PNPDK20110717_162905_000000423104_00328_49049_7266.N1	17-JUL-2011 16:29:05	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	49049	No
190	GOM_TRA_1PNPDK20110717_163030_000000513104_00328_49049_7267.N1	17-JUL-2011 16:30:30	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	49049	No
191	GOM_TRA_1PNPDK20110717_163202_000000473104_00328_49049_7268.N1	17-JUL-2011 16:32:02	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49049	No
192	GOM_TRA_1PNPDK20110717_163514_000000503104_00328_49049_7269.N1	17-JUL-2011 16:35:14	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49049	No
193	GOM_TRA_1PNPDK20110717_164401_000000393104_00328_49049_7261.N1	17-JUL-2011 16:44:01	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49049	No
194	GOM_TRA_1PNPDK20110717_165426_000000403104_00328_49049_7262.N1	17-JUL-2011 16:54:26	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	49049	No
195	GOM_TRA_1PNPDK20110717_170128_000000413104_00328_49049_7263.N1	17-JUL-2011 17:01:28	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	49049	No
196	GOM_TRA_1PNPDK20110717_170430_000000423104_00328_49049_7264.N1	17-JUL-2011 17:04:30	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49049	No
197	GOM_TRA_1PNPDK20110717_170637_000000483104_00328_49049_7265.N1	17-JUL-2011 17:06:37	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	49049	No
198	GOM_TRA_1PNPDK20110717_171136_000000403104_00328_49049_7266.N1	17-JUL-2011 17:11:36	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49049	No
199	GOM_TRA_1PNPDK20110717_172024_000000573104_00328_49049_7267.N1	17-JUL-2011 17:20:24	Bright	57.000	76	27Gam Cas	2.3000	30000.	114	49049	No
200	GOM_TRA_1PNPDK20110717_172538_000000563104_00328_49049_7268.N1	17-JUL-2011 17:25:38	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	49049	No
201	GOM_TRA_1PNPDK20110717_172702_000000413104_00328_49049_7269.N1	17-JUL-2011 17:27:02	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	49049	No
202	GOM_TRA_1PNPDK20110717_173000_000000483104_00328_49049_7270.N1	17-JUL-2011 17:30:00	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49049	No
203	GOM_TRA_1PNPDK20110717_173259_000000463104_00328_49049_7271.N1	17-JUL-2011 17:32:59	Tw_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	49049	No
204	GOM_TRA_1PNPDK20110717_173537_000000483104_00328_49049_7272.N1	17-JUL-2011 17:35:37	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	49049	No
205	GOM_TRA_1PNPDK20110717_173712_000000483104_00328_49049_7273.N1	17-JUL-2011 17:37:12	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49049	No
206	GOM_TRA_1PNPDK20110717_174351_000000633104_00328_49049_7274.N1	17-JUL-2011 17:43:51	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49049	No
207	GOM_TRA_1PNPDK20110717_174646_000000493104_00328_49049_7275.N1	17-JUL-2011 17:46:46	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49049	No
208	GOM_TRA_1PNPDK20110717_175550_000000423104_00328_49049_7276.N1	17-JUL-2011 17:55:50	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49049	No
209	GOM_TRA_1PNPDK20110717_180154_000000463104_00329_49050_7277.N1	17-JUL-2011 18:01:54	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49050	No
210	GOM_TRA_1PNPDK20110717_180510_000000533104_00329_49050_7278.N1	17-JUL-2011 18:05:10	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49050	No
211	GOM_TRA_1PNPDK20110717_180920_000000403104_00329_49050_7279.N1	17-JUL-2011 18:09:20	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	49050	No
212	GOM_TRA_1PNPDK20110717_181044_000000493104_00329_49050_7280.N1	17-JUL-2011 18:10:44	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	49050	No
213	GOM_TRA_1PNPDK20110717_181216_000000453104_00329_49050_7281.N1	17-JUL-2011 18:12:16	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49050	No
214	GOM_TRA_1PNPDK20110717_181528_000000493104_00329_49050_7297.N1	17-JUL-2011 18:15:28	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	49050	Yes
215	GOM_TRA_1PNPDK20110717_182415_000000403104_00329_49050_7298.N1	17-JUL-2011 18:24:15	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49050	No
216	GOM_TRA_1PNPDK20110717_183440_000000393104_00329_49050_7299.N1	17-JUL-2011 18:34:40	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49050	No
217	GOM_TRA_1PNPDK20110717_184142_000000403104_00329_49050_7300.N1	17-JUL-2011 18:41:42	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	49050	No
218	GOM_TRA_1PNPDK20110717_184443_000000423104_00329_49050_7301.N1	17-JUL-2011 18:44:43	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49050	No
219	GOM_TRA_1PNPDK20110717_184650_000000503104_00329_49050_7302.N1	17-JUL-2011 18:46:50	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	49050	No
220	GOM_TRA_1PNPDK20110717_185150_000000433104_00329_49050_7303.N1	17-JUL-2011 18:51:50	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49050	No
221	GOM_TRA_1PNPDK20110717_190038_000000653104_00329_49050_7304.N1	17-JUL-2011 19:00:38	Bright	64.500	76	27Gam Cas	2.3000	30000.	129	49050	No
222	GOM_TRA_1PNPDK20110717_190552_000000483104_00329_49050_7305.N1	17-JUL-2011 19:05:52	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49050	No
223	GOM_TRA_1PNPDK20110717_190715_000000453104_00329_49050_7306.N1	17-JUL-2011 19:07:15	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49050	No
224	GOM_TRA_1PNPDK20110717_191014_000000463104_00329_49050_7307.N1	17-JUL-2011 19:10:14	Bright	46.000	79	26Bet Per	2.3100	13100.	92	49050	No
225	GOM_TRA_1PNPDK20110717_191313_000000443104_00329_49050_7308.N1	17-JUL-2011 19:13:13	Tw_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	49050	No
226	GOM_TRA_1PNPDK20110717_191551_000000483104_00329_49050_7309.N1	17-JUL-2011 19:15:51	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	49050	No
227	GOM_TRA_1PNPDK20110717_191726_000000483104_00329_49050_7310.N1	17-JUL-2011 19:17:26	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49050	No
228	GOM_TRA_1PNPDK20110717_192406_000000643104_00329_49050_7311.N1	17-JUL-2011 19:24:06	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	49050	No
229	GOM_TRA_1PNPDK20110717_192701_000000493104_00329_49050_7312.N1	17-JUL-2011 19:27:01	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49050	No
230	GOM_TRA_1PNPDK20110717_193604_000000423104_00329_49050_7313.N1	17-JUL-2011 19:36:04	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49050	No
231	GOM_TRA_1PNPDK20110717_194209_000000453104_00330_49051_7314.N1	17-JUL-2011 19:42:09	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49051	No
232	GOM_TRA_1PNPDK20110717_194525_000000583104_00330_49051_7315.N1	17-JUL-2011 19:45:25	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	49051	No
233	GOM_TRA_1PNPDK20110717_194934_000000423104_00330_49051_7316.N1	17-JUL-2011 19:49:34	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	49051	No
234	GOM_TRA_1PNPDK20110717_195059_000000503104_00330_49051_7317.N1	17-JUL-2011 19:50:59	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49051	No
235	GOM_TRA_1PNPDE20110717_195231_000000463104_00330_49051_4461.N1	17-JUL-2011 19:52:31	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	49051	No
236	GOM_TRA_1PNPDE20110717_195543_000000503104_00330_49051_4462.N1	17-JUL-2011 19:55:43	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49051	No
237	GOM_TRA_1PNPDE20110717_200429_000000393104_00330_49051_4463.N1	17-JUL-2011 20:04:29	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49051	No
238	GOM_TRA_1PNPDE20110717_201454_000000393104_00330_49051_4464.N1	17-JUL-2011 20:14:54	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49051	No
239	GOM_TRA_1PNPDE20110717_202156_000000413104_00330_49051_4465.N1	17-JUL-2011 20:21:56	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	49051	No
240	GOM_TRA_1PNPDE20110717_202457_000000423104_00330_49051_4466.N1	17-JUL-2011 20:24:57	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49051	No

241	GOM_TRA_1PNPDE20110717_202703_000000503104_00330_49051_4467.N1	17-JUL-2011 20:27:03	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	49051	No
242	GOM_TRA_1PNPDE20110717_203203_000000443104_00330_49051_4468.N1	17-JUL-2011 20:32:03	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49051	No
243	GOM_TRA_1PNPDE20110717_204051_000000453104_00330_49051_4469.N1	17-JUL-2011 20:40:51	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	49051	No
244	GOM_TRA_1PNPDE20110717_204606_000000403104_00330_49051_4470.N1	17-JUL-2011 20:46:06	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	49051	No
245	GOM_TRA_1PNPDE20110717_204729_000000443104_00330_49051_4471.N1	17-JUL-2011 20:47:29	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49051	No
246	GOM_TRA_1PNPDE20110717_205027_000000453104_00330_49051_4472.N1	17-JUL-2011 20:50:27	Bright	45.000	79	26Bet Per	2.3100	13100.	90	49051	No
247	GOM_TRA_1PNPDE20110717_205327_000000463104_00330_49051_4473.N1	17-JUL-2011 20:53:27	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49051	No
248	GOM_TRA_1PNPDE20110717_205605_000000483104_00330_49051_4474.N1	17-JUL-2011 20:56:05	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	49051	No
249	GOM_TRA_1PNPDE20110717_205741_000000493104_00330_49051_4475.N1	17-JUL-2011 20:57:41	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	49051	No
250	GOM_TRA_1PNPDE20110717_210421_000000643104_00330_49051_4481.N1	17-JUL-2011 21:04:21	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	49051	No
251	GOM_TRA_1PNPDE20110717_210715_000000463104_00330_49051_4482.N1	17-JUL-2011 21:07:15	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49051	No
252	GOM_TRA_1PNPDE20110717_211619_000000423104_00330_49051_4483.N1	17-JUL-2011 21:16:19	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49051	No
253	GOM_TRA_1PNPDE20110717_212223_000000423104_00331_49052_4484.N1	17-JUL-2011 21:22:23	Dark	42.000	9	Alp Eri	0.45300	24000.	84	49052	No
254	GOM_TRA_1PNPDE20110717_212540_000000553104_00331_49052_4485.N1	17-JUL-2011 21:25:40	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49052	No
255	GOM_TRA_1PNPDE20110717_212949_000000413104_00331_49052_4486.N1	17-JUL-2011 21:29:49	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	49052	No
256	GOM_TRA_1PNPDE20110717_213114_000000623104_00331_49052_4487.N1	17-JUL-2011 21:31:14	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	49052	No
257	GOM_TRA_1PNPDE20110717_213246_000000463104_00331_49052_4488.N1	17-JUL-2011 21:32:46	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49052	No
258	GOM_TRA_1PNPDE20110717_213558_000000493104_00331_49052_4489.N1	17-JUL-2011 21:35:58	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	49052	No
259	GOM_TRA_1PNPDE20110717_214444_000000403104_00331_49052_4490.N1	17-JUL-2011 21:44:44	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	49052	No
260	GOM_TRA_1PNPDE20110717_215508_000000393104_00331_49052_4491.N1	17-JUL-2011 21:55:08	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49052	No
261	GOM_TRA_1PNPDE20110717_220210_000000373104_00331_49052_4492.N1	17-JUL-2011 22:02:10	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	49052	No
262	GOM_TRA_1PNPDE20110717_220510_000000423104_00331_49052_4493.N1	17-JUL-2011 22:05:10	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49052	No
263	GOM_TRA_1PNPDE20110717_220716_000000463104_00331_49052_4494.N1	17-JUL-2011 22:07:16	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49052	No
264	GOM_TRA_1PNPDE20110717_221216_000000433104_00331_49052_4495.N1	17-JUL-2011 22:12:16	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49052	No
265	GOM_TRA_1PNPDE20110717_222104_000000493104_00331_49052_4496.N1	17-JUL-2011 22:21:04	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49052	No
266	GOM_TRA_1PNPDE20110717_222620_000000623104_00331_49052_4497.N1	17-JUL-2011 22:26:20	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	49052	No
267	GOM_TRA_1PNPDE20110717_222743_000000613104_00331_49052_4498.N1	17-JUL-2011 22:27:43	Bright	61.000	35	33Alp Per	1.7950	6250.0	122	49052	No
268	GOM_TRA_1PNPDE20110717_223041_000000503104_00331_49052_4499.N1	17-JUL-2011 22:30:41	Bright	49.500	79	26Bet Per	2.3100	13100.	99	49052	No
269	GOM_TRA_1PNPDE20110717_223342_000000483104_00331_49052_4500.N1	17-JUL-2011 22:33:42	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	49052	No
270	GOM_TRA_1PNPDE20110717_223620_000000483104_00331_49052_4501.N1	17-JUL-2011 22:36:20	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	49052	No
271	GOM_TRA_1PNPDE20110717_223755_000000473104_00331_49052_4502.N1	17-JUL-2011 22:37:55	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49052	No
272	GOM_TRA_1PNPDE20110717_224436_000000643104_00331_49052_4503.N1	17-JUL-2011 22:44:36	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	49052	No
273	GOM_TRA_1PNPDE20110717_224730_000000483104_00331_49052_4508.N1	17-JUL-2011 22:47:30	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49052	No
274	GOM_TRA_1PNPDE20110717_230238_000000463104_00332_49053_4509.N1	17-JUL-2011 23:02:38	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49053	No
275	GOM_TRA_1PNPDE20110717_230555_000000553104_00332_49053_4510.N1	17-JUL-2011 23:05:55	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49053	No
276	GOM_TRA_1PNPDE20110717_231003_000000433104_00332_49053_4511.N1	17-JUL-2011 23:10:03	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	49053	No
277	GOM_TRA_1PNPDE20110717_231129_000000623104_00332_49053_4512.N1	17-JUL-2011 23:11:29	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	49053	No
278	GOM_TRA_1PNPDE20110717_231300_000000483104_00332_49053_4513.N1	17-JUL-2011 23:13:00	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49053	No
279	GOM_TRA_1PNPDE20110717_231612_000000503104_00332_49053_4514.N1	17-JUL-2011 23:16:12	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49053	No
280	GOM_TRA_1PNPDE20110717_232458_000000403104_00332_49053_4515.N1	17-JUL-2011 23:24:58	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49053	No
281	GOM_TRA_1PNPDE20110717_233522_000000393104_00332_49053_4516.N1	17-JUL-2011 23:35:22	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49053	No
282	GOM_TRA_1PNPDE20110717_234224_000000373104_00332_49053_4517.N1	17-JUL-2011 23:42:24	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	49053	No
283	GOM_TRA_1PNPDE20110717_234524_000000423104_00332_49053_4518.N1	17-JUL-2011 23:45:24	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49053	No
284	GOM_TRA_1PNPDE20110717_234730_000000453104_00332_49053_4519.N1	17-JUL-2011 23:47:30	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	49053	No
285	GOM_TRA_1PNPDE20110717_235230_000000403104_00332_49053_4520.N1	17-JUL-2011 23:52:30	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49053	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).

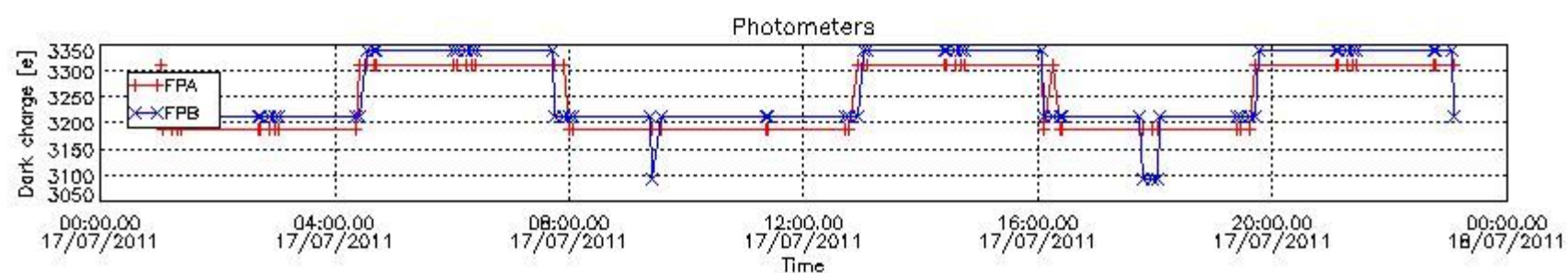
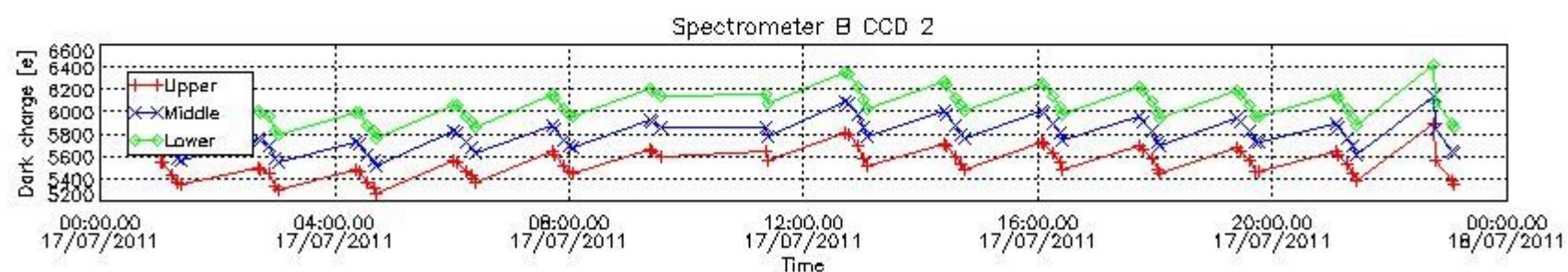
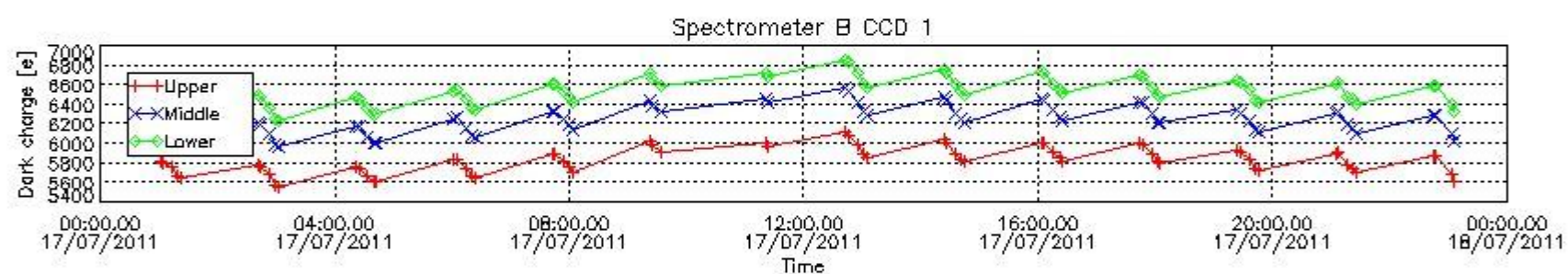
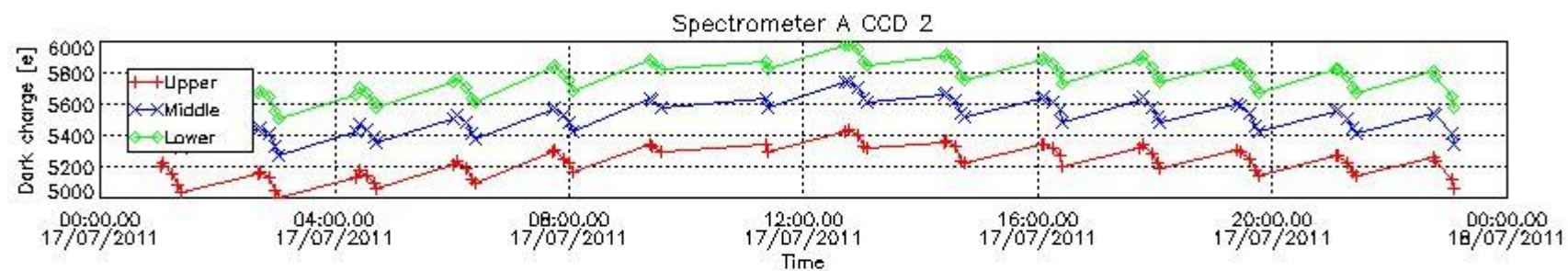
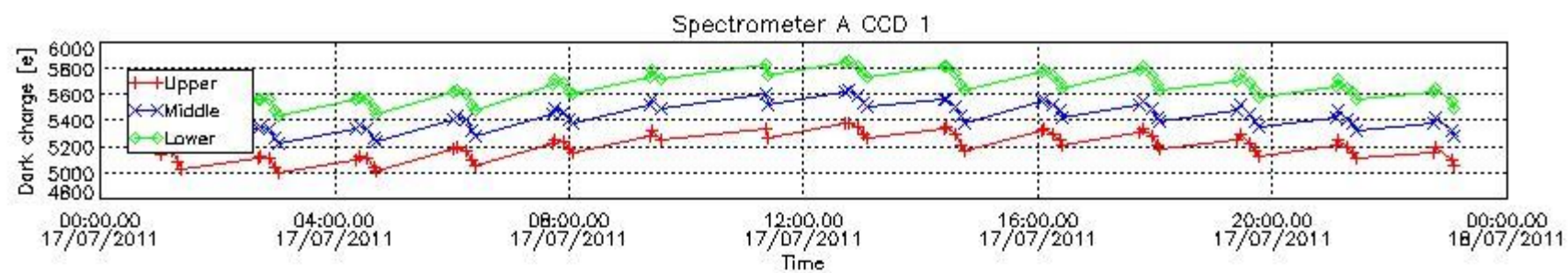
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDK20110717_112056_000000463104_00325_49046_7159.N1	DC map used
GOM_TRA_1PNPDK20110717_112409_000000533104_00325_49046_7160.N1	DC map used
GOM_TRA_1PNPDK20110717_112822_000000433104_00325_49046_7161.N1	DC map used
GOM_TRA_1PNPDK20110717_112945_000000533104_00325_49046_7162.N1	DC map used
GOM_TRA_1PNPDK20110717_113117_000000493104_00325_49046_7163.N1	DC map used
GOM_TRA_1PNPDK20110717_113430_000000533104_00325_49046_7164.N1	DC map used
GOM_TRA_1PNPDK20110717_114319_000000393104_00325_49046_7165.N1	DC map used
GOM_TRA_1PNPDE20110717_195231_000000463104_00330_49051_4461.N1	DC map used
GOM_TRA_1PNPDE20110717_195543_000000503104_00330_49051_4462.N1	DC map used
GOM_TRA_1PNPDE20110717_200429_000000393104_00330_49051_4463.N1	DC map used
GOM_TRA_1PNPDE20110717_201454_000000393104_00330_49051_4464.N1	DC map used
GOM_TRA_1PNPDE20110717_202156_000000413104_00330_49051_4465.N1	DC map used
GOM_TRA_1PNPDE20110717_202457_000000423104_00330_49051_4466.N1	DC map used
GOM_TRA_1PNPDE20110717_202703_000000503104_00330_49051_4467.N1	DC map used

GOM_TRA_1PNPDE20110717_203203_000000443104_00330_49051_4468.N1	DC map used
GOM_TRA_1PNPDE20110717_204051_000000453104_00330_49051_4469.N1	DC map used
GOM_TRA_1PNPDE20110717_204606_000000403104_00330_49051_4470.N1	DC map used
GOM_TRA_1PNPDE20110717_204729_000000443104_00330_49051_4471.N1	DC map used
GOM_TRA_1PNPDE20110717_205027_000000453104_00330_49051_4472.N1	DC map used
GOM_TRA_1PNPDE20110717_205327_000000463104_00330_49051_4473.N1	DC map used
GOM_TRA_1PNPDE20110717_205605_000000483104_00330_49051_4474.N1	DC map used
GOM_TRA_1PNPDE20110717_205741_000000493104_00330_49051_4475.N1	DC map used

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



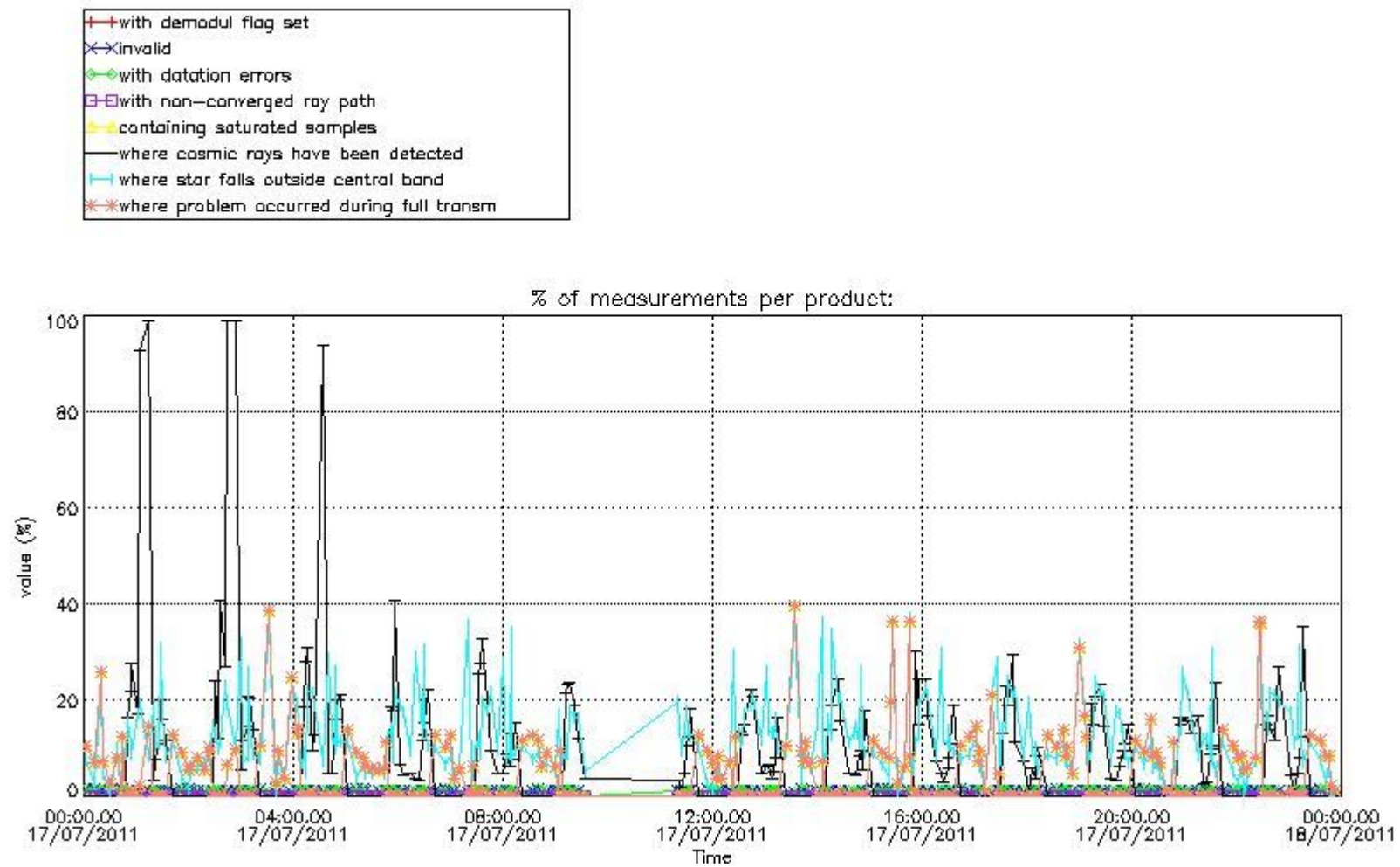
5. Demodulation flag and quality information monitoring

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.

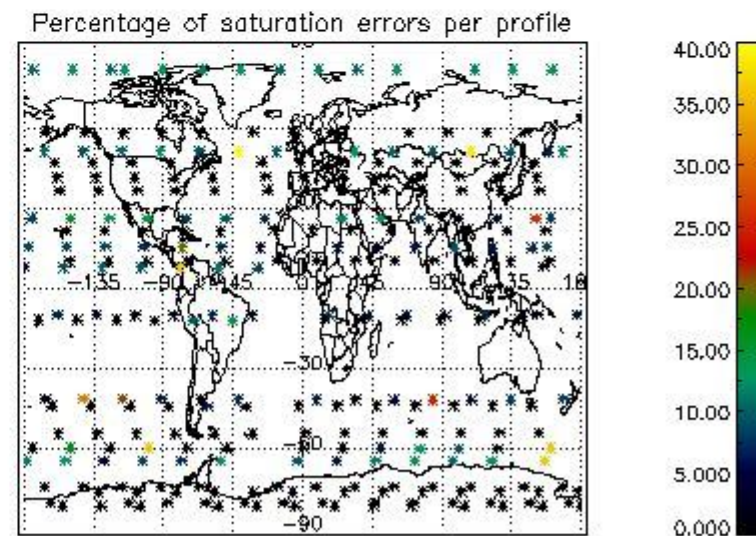
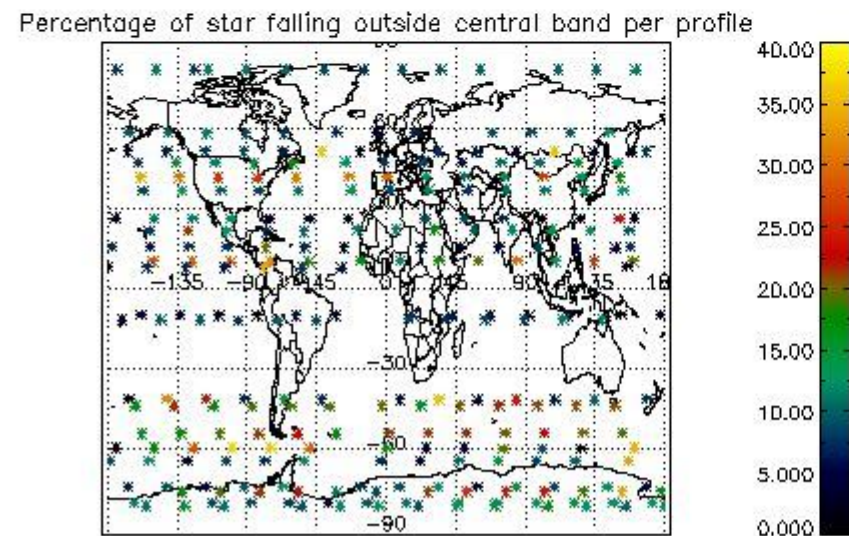
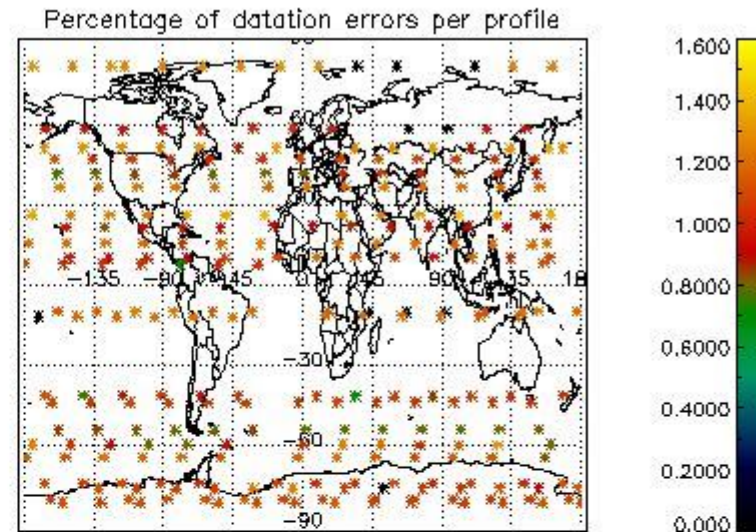
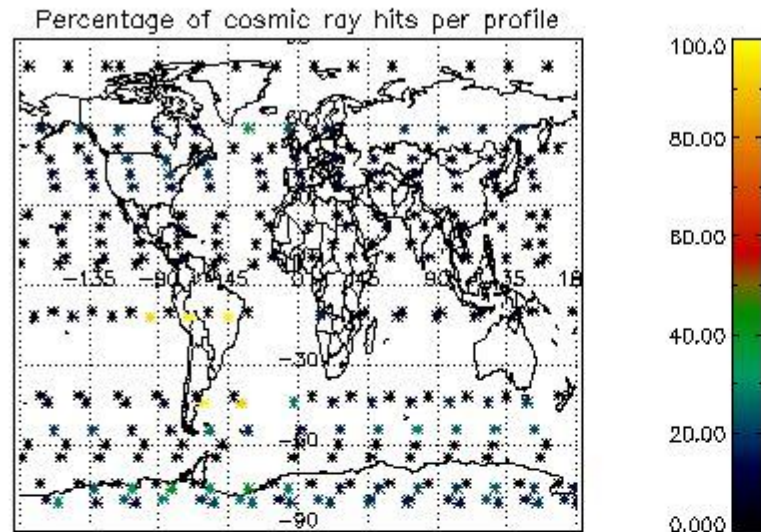
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	50.7042 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	45.7746 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



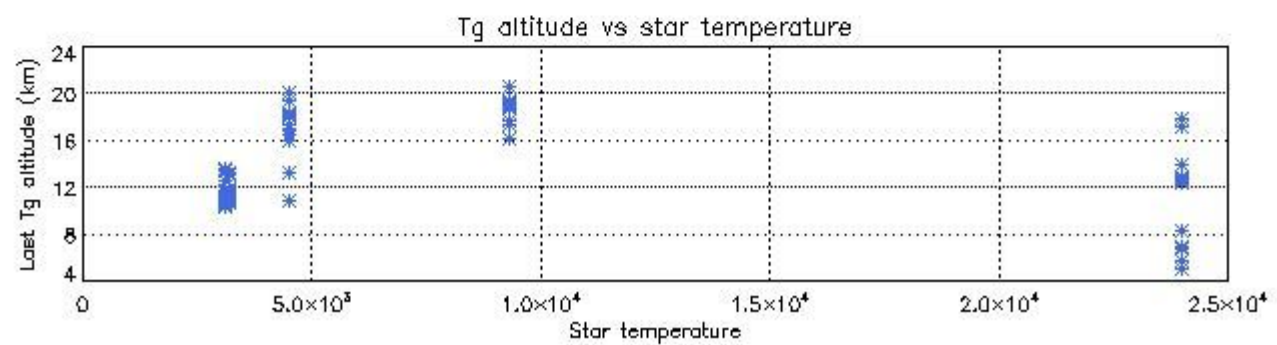
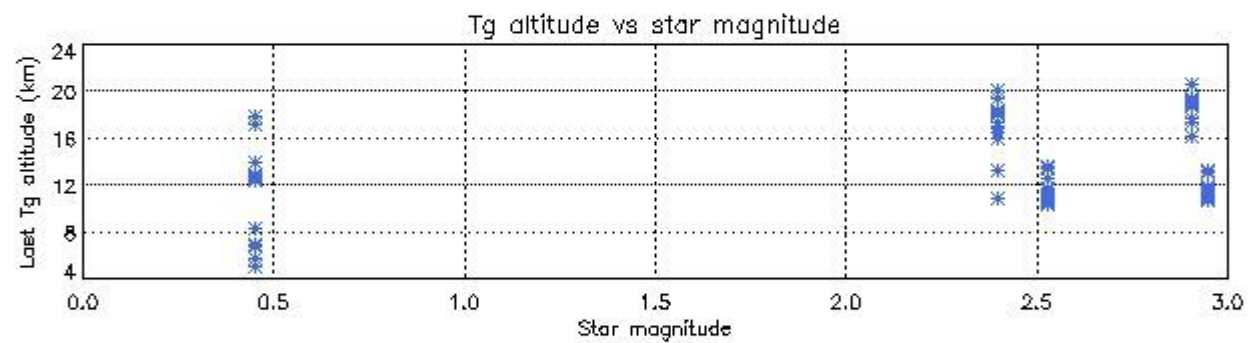
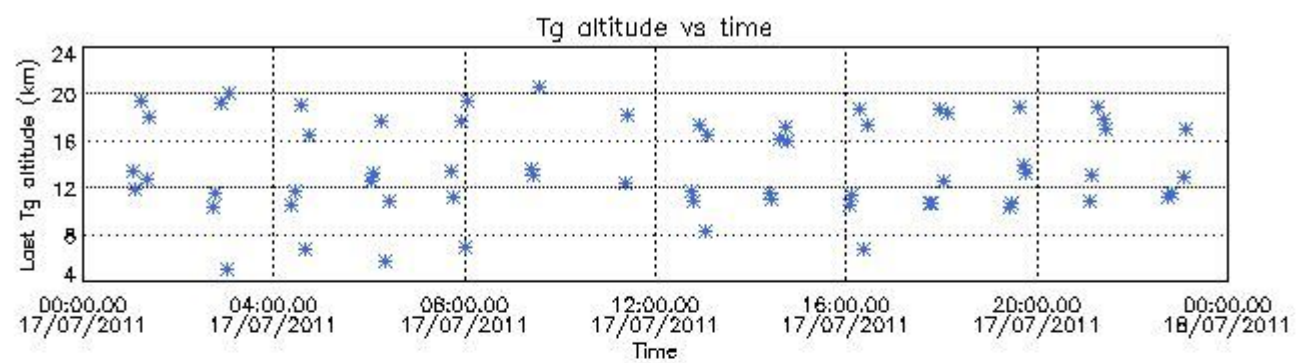
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.762	19.146	13.523
St. deviation:	3.9310	5.5212	3.4905
Maximum:	20.542	29.309	19.672
Minimum:	4.9562	3.2622	4.2545
Number of data:	64.000	130.00	26.000

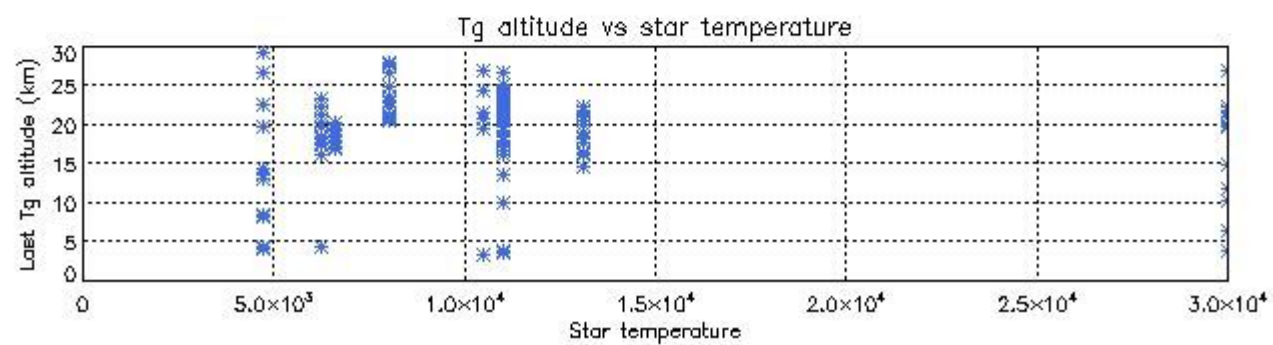
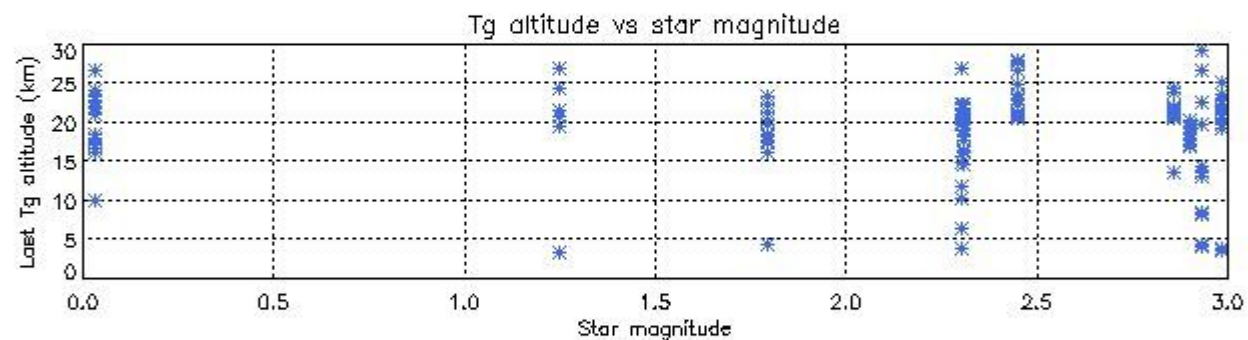
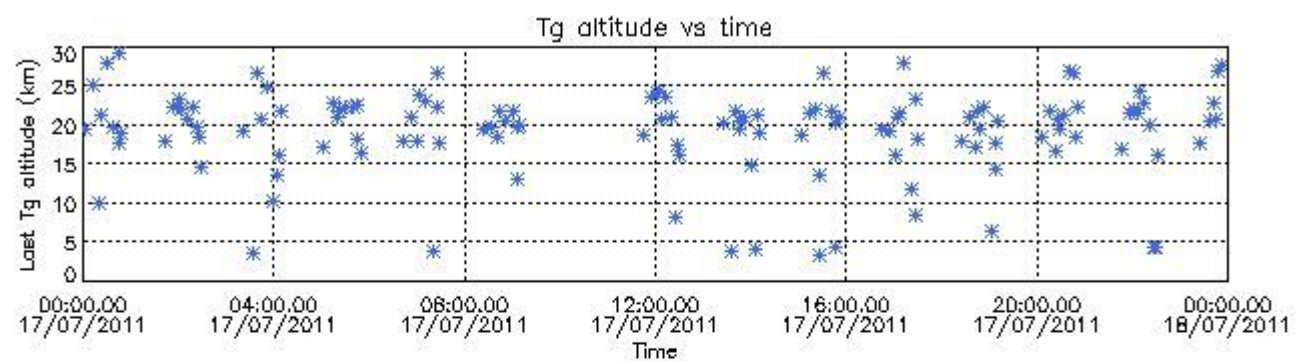
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



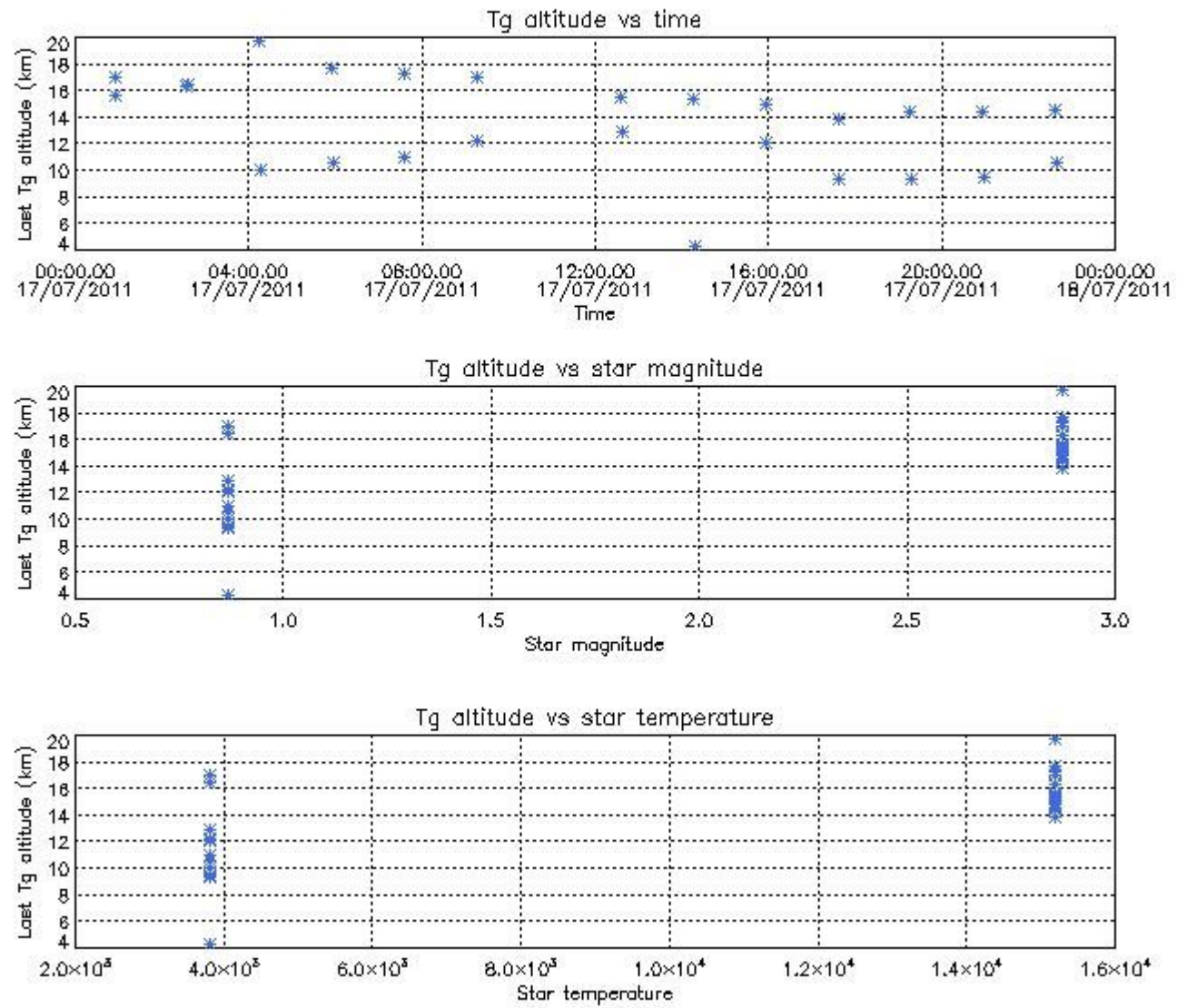
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

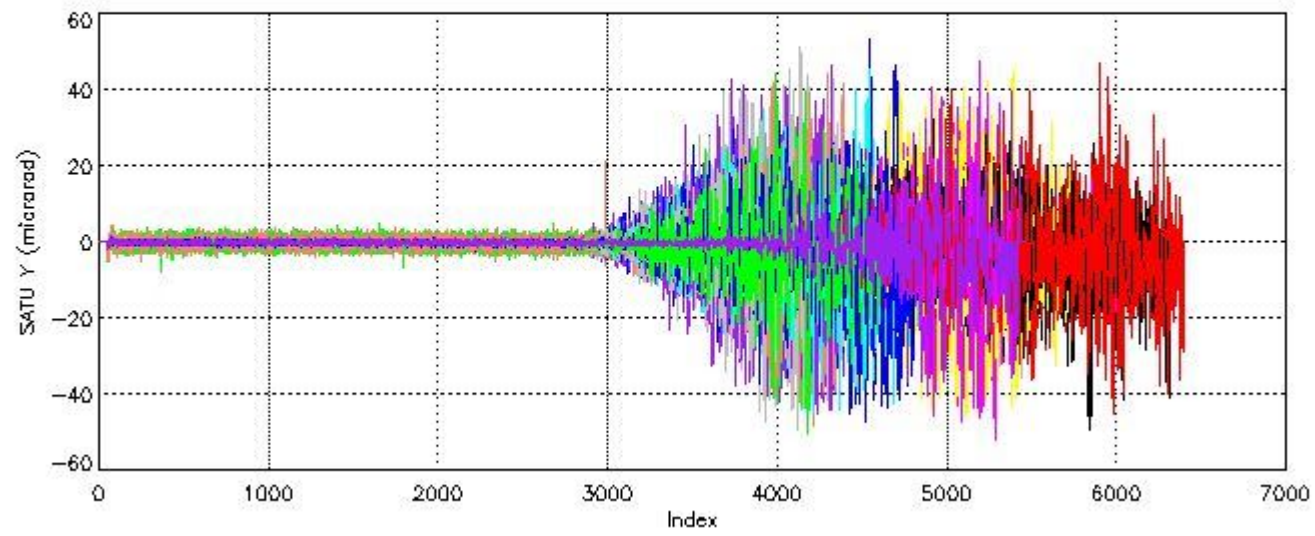
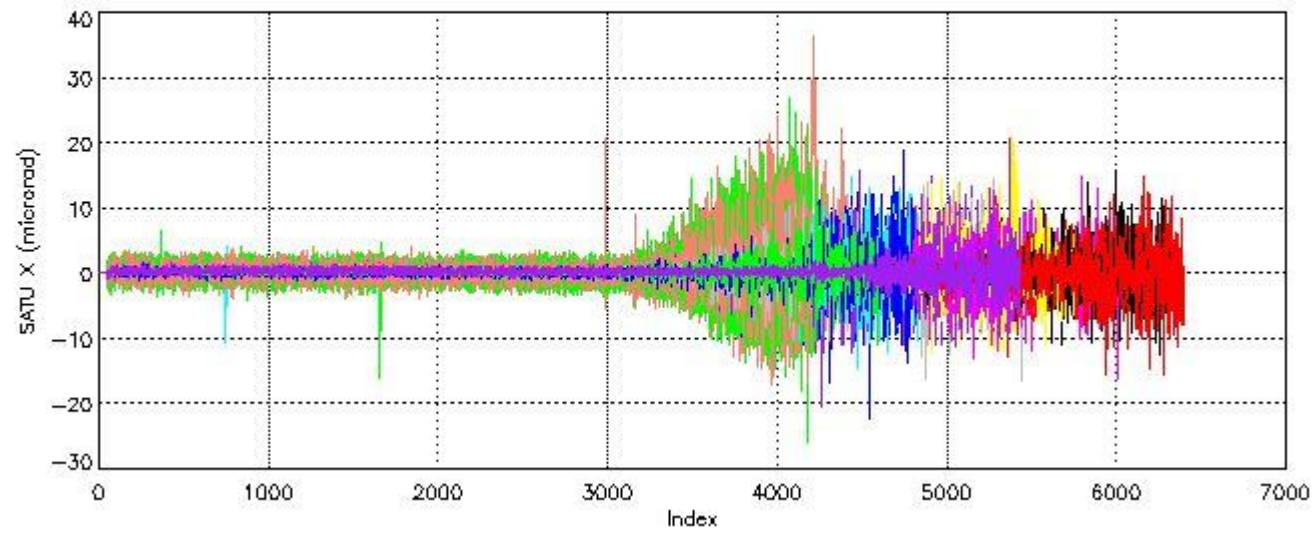


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20891	-0.25064	0.21557	-0.24931
St. deviation:	0.42974	0.49373	0.86407	0.95531
Maximum:	6.6000	4.4000	14.000	11.400
Minimum:	-10.700	-8.1000	-6.1000	-34.800

Number of data:	68900.	68900.	1.3055E+05	1.3055E+05
90Percentile:	0.70000	0.30000	1.3000	1.0000

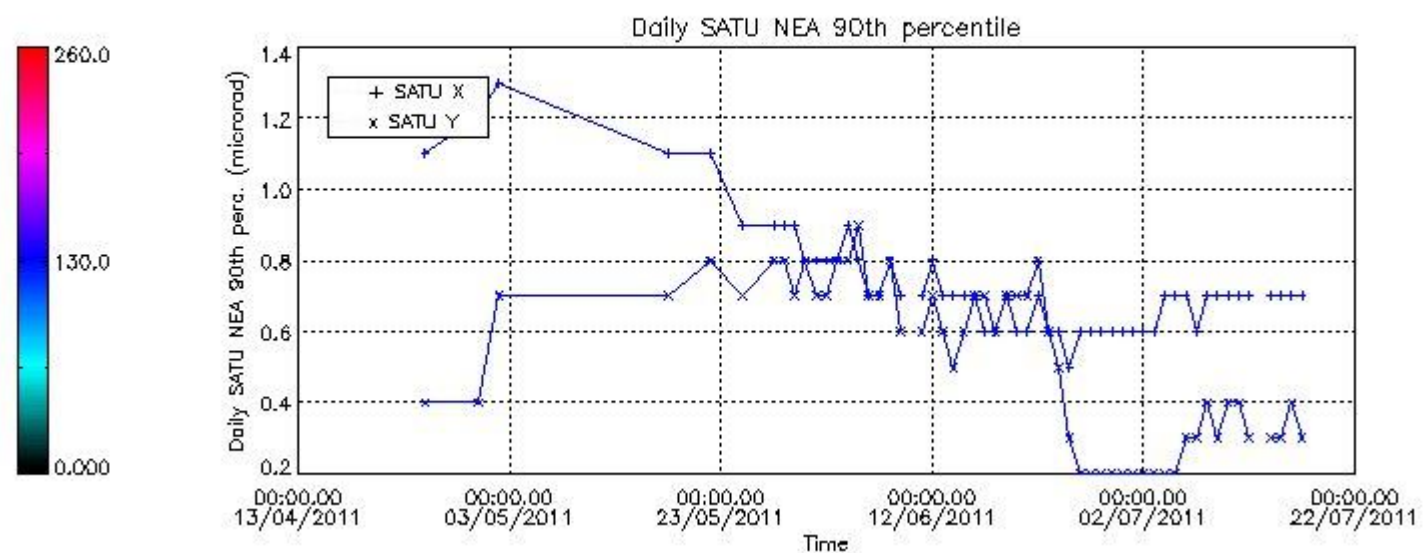
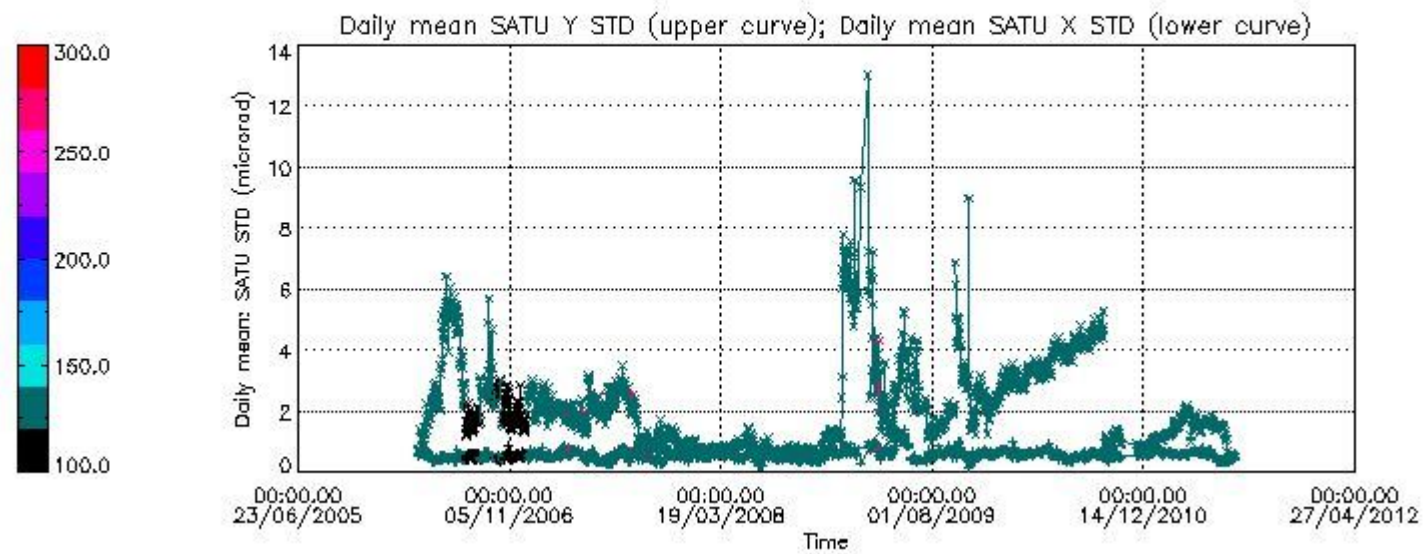
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

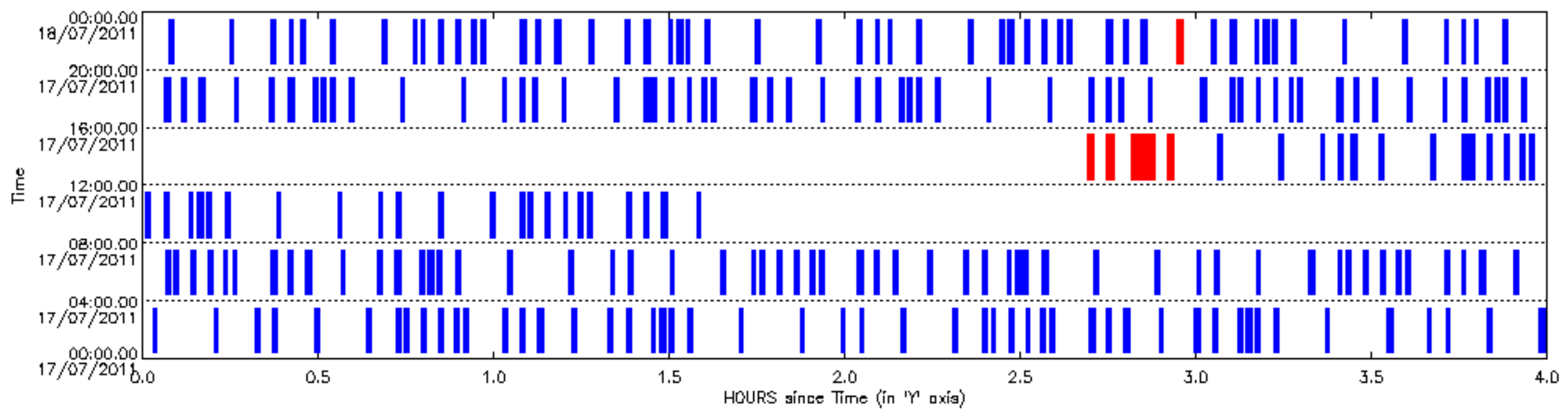
Lower curve: STD of SATU X axis

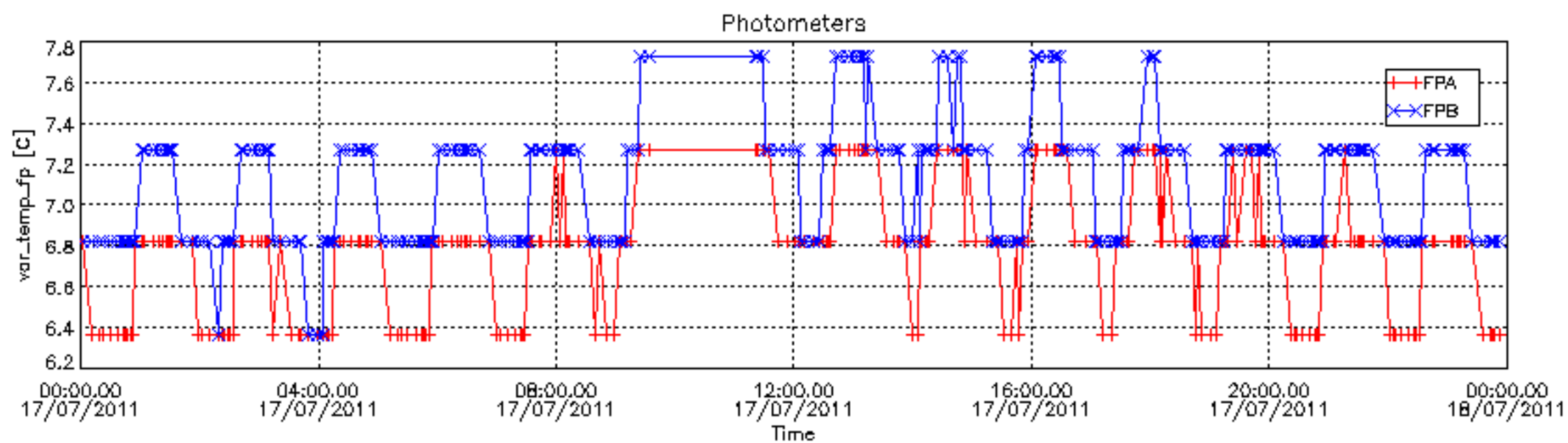
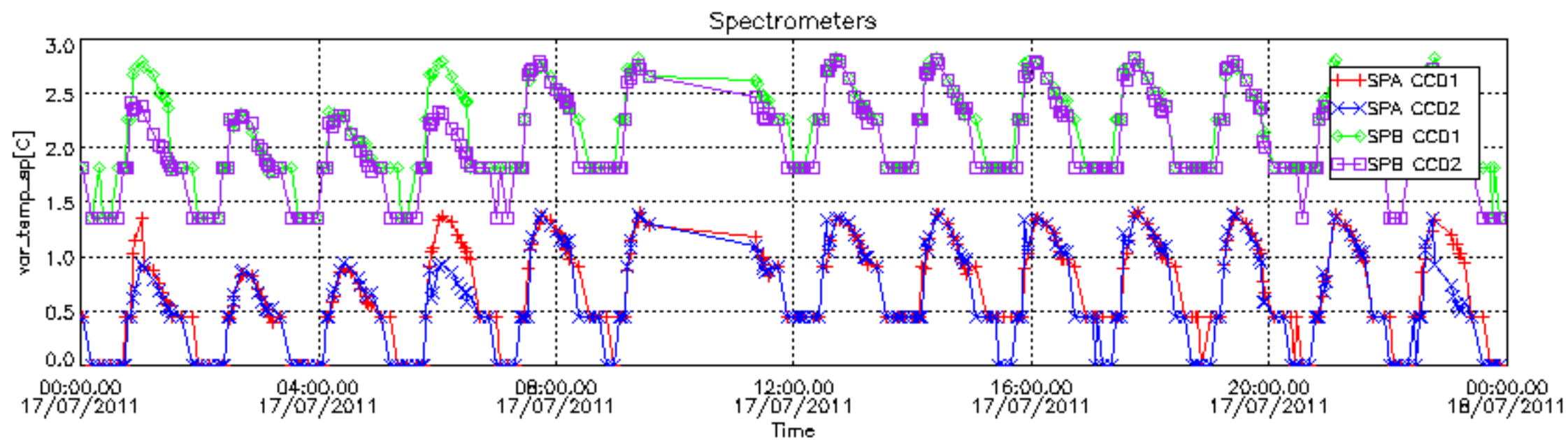


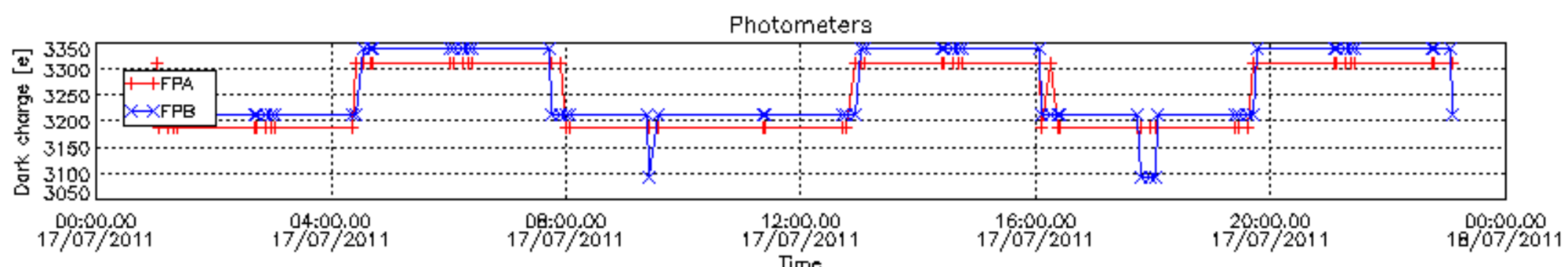
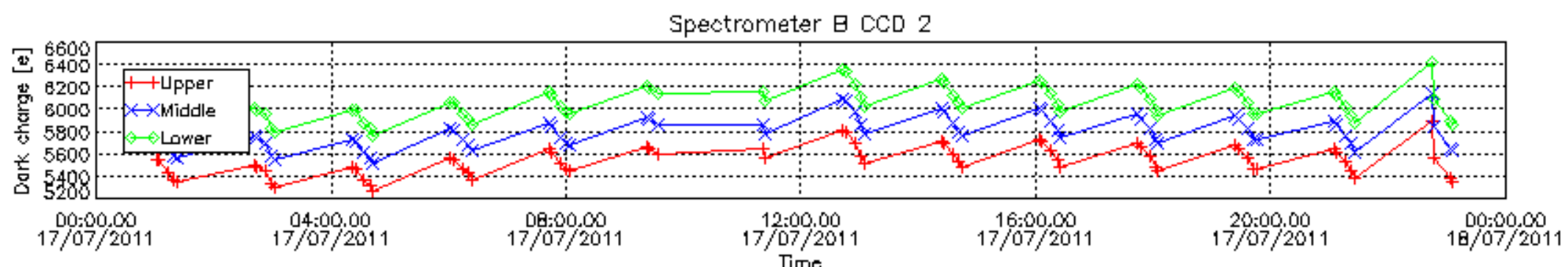
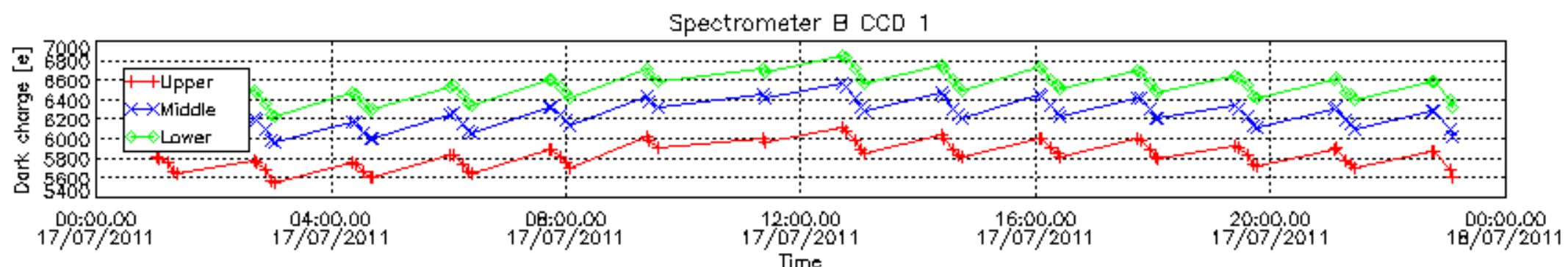
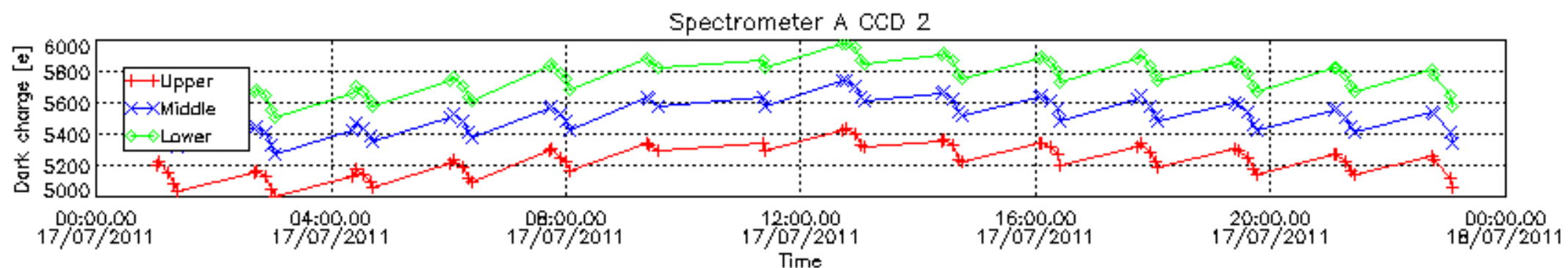
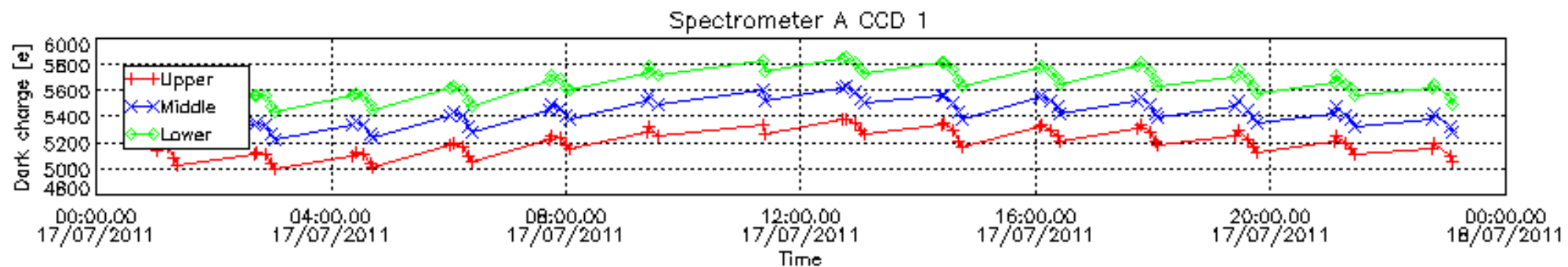
8. Auxiliary Data Files used for the production reported in section 2.4

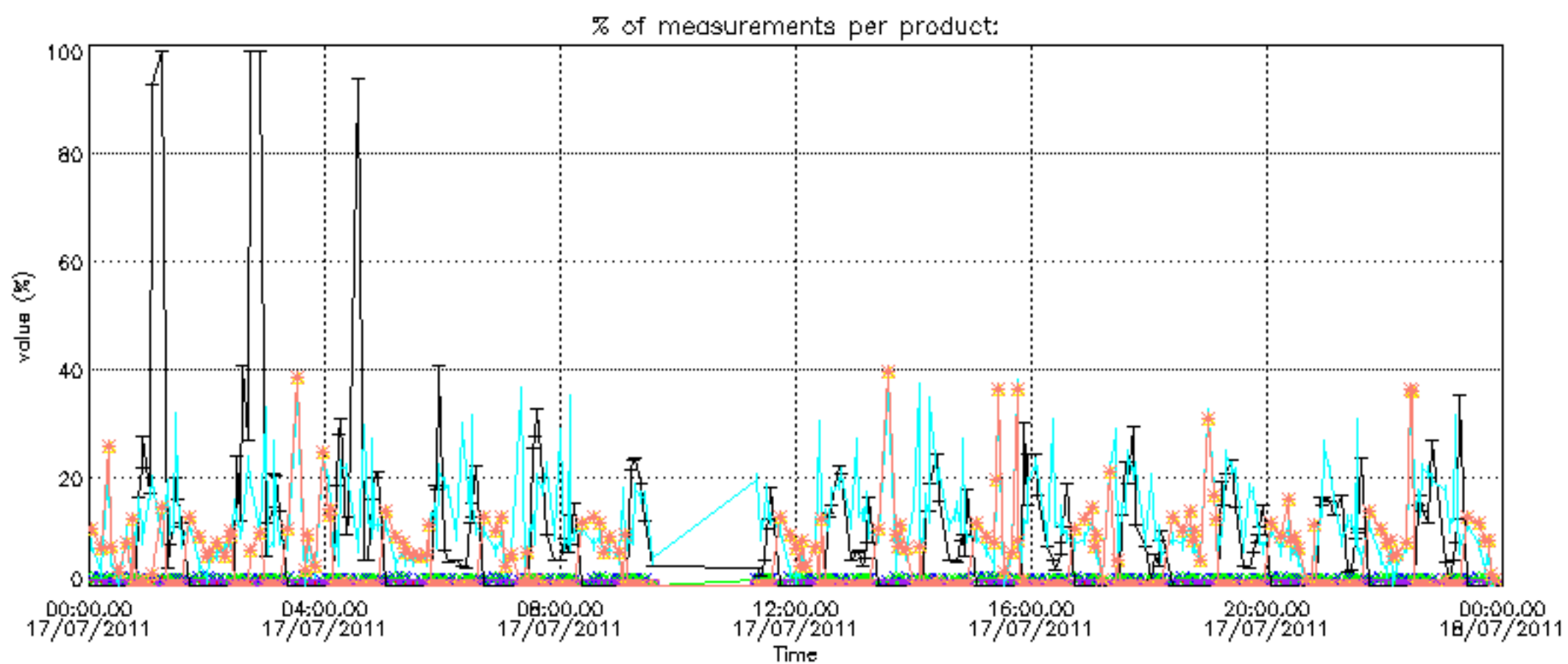
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-JUL-2011 00:01:40
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110711_093848_20110709_000000_20500101_000000	1	17-JUL-2011 00:01:40
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	17-JUL-2011 00:01:40
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20110513_081743_20020301_000000_20500101_000000	90	17-JUL-2011 07:19:04
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	17-JUL-2011 00:01:40
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	17-JUL-2011 00:01:40
ECMWF_FILE	AUX_ECF_AXNECM20110716_064113_20110716_210000_20110717_090000	1	17-JUL-2011 00:01:40
ECMWF_FILE	AUX_ECF_AXNECM20110716_182114_20110717_030000_20110717_150000	48	17-JUL-2011 03:58:37
ECMWF_FILE	AUX_ECA_AXNECM20110717_062115_20110716_210000_20110717_090000	69	17-JUL-2011 05:38:50
ECMWF_FILE	AUX_ECF_AXNECM20110716_182114_20110717_030000_20110717_150000	107	17-JUL-2011 08:33:17
ECMWF_FILE	AUX_ECF_AXNECM20110717_062115_20110717_090000_20110717_210000	121	17-JUL-2011 11:20:56
ECMWF_FILE	AUX_ECA_AXNECM20110717_175958_20110717_090000_20110717_210000	235	17-JUL-2011 19:52:31
ECMWF_FILE	AUX_ECF_AXNECM20110717_062116_20110717_210000_20110718_090000	250	17-JUL-2011 21:04:21
OPTIONAL_ECMWF_FILE	MISSING	1	17-JUL-2011 00:01:40
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110716_102114_20110715_191230_20110725_212617	1	17-JUL-2011 00:01:40
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110717_102113_20110716_183545_20110726_204933	121	17-JUL-2011 11:20:56

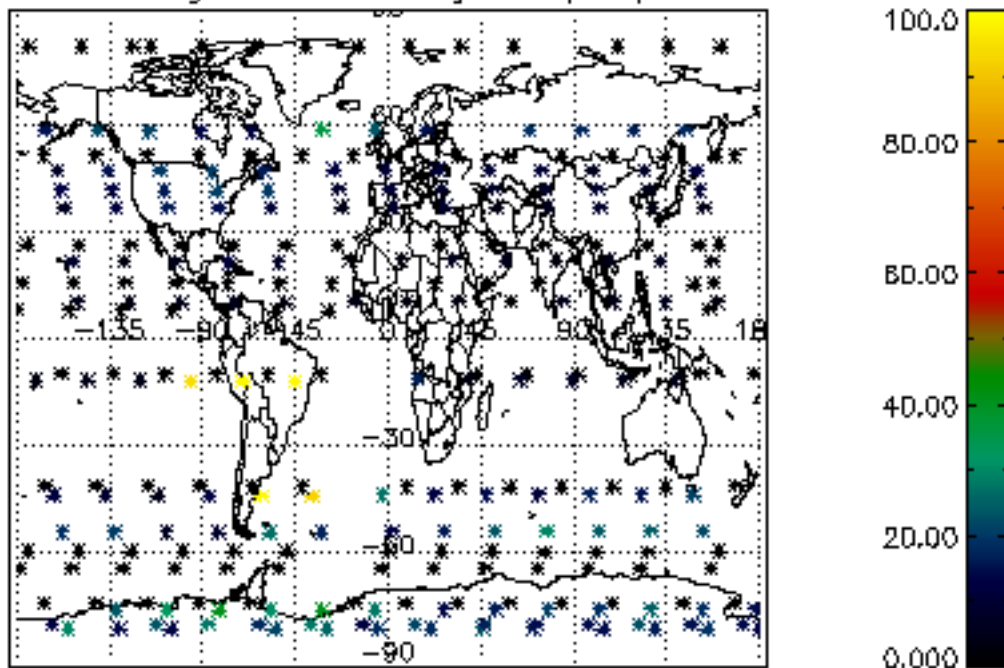




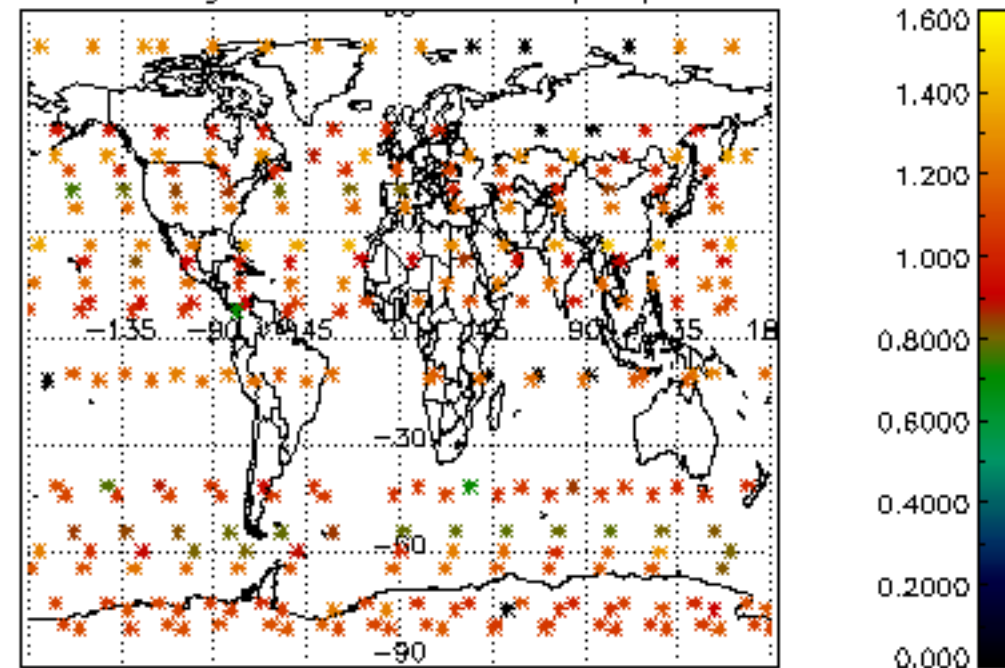




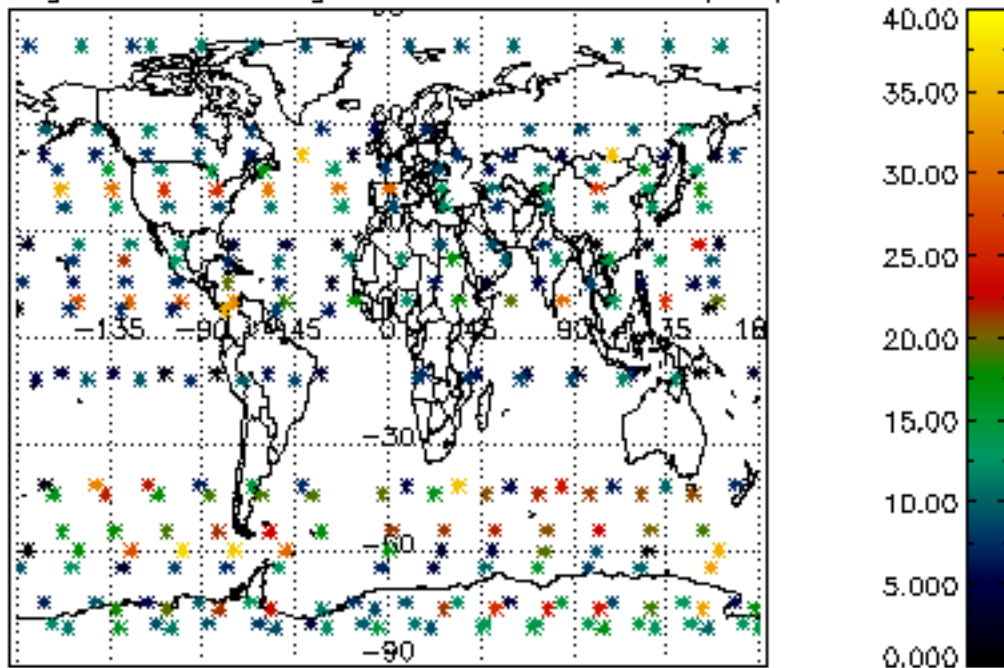
Percentage of cosmic ray hits per profile



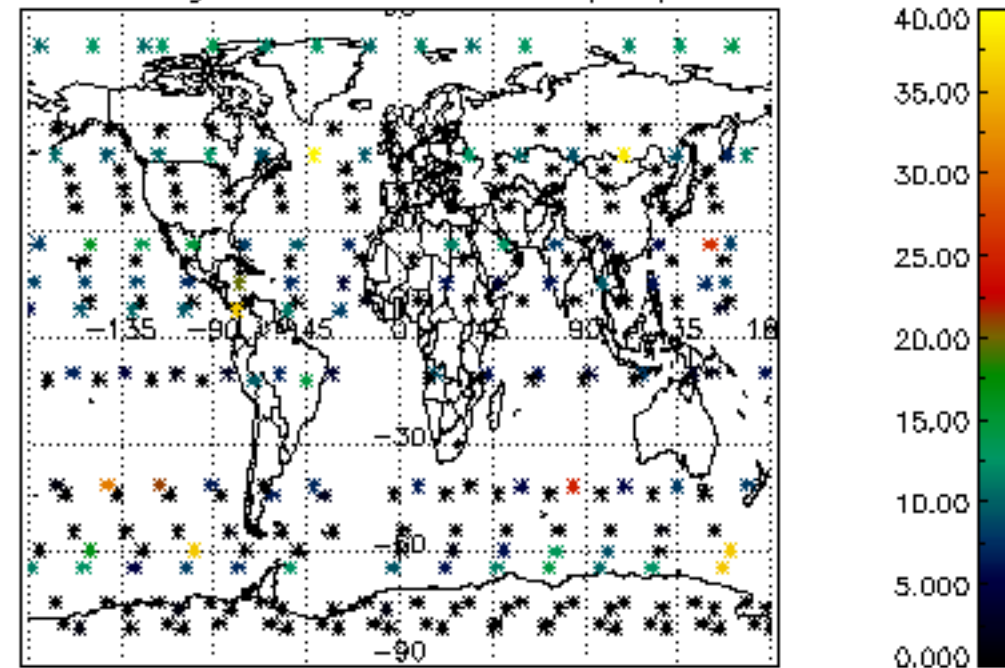
Percentage of datation errors per profile



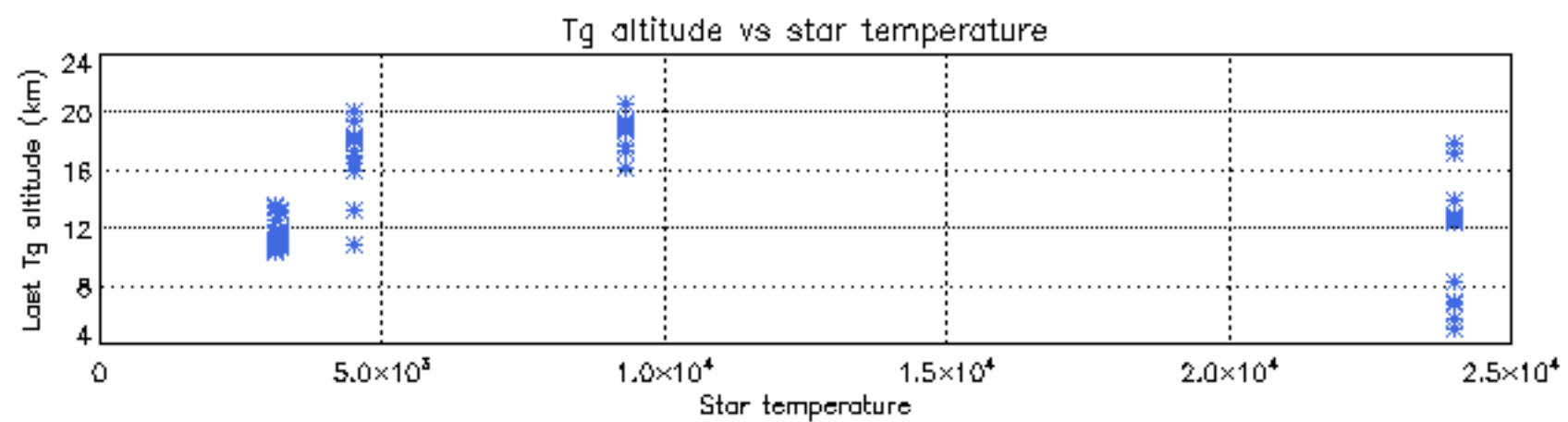
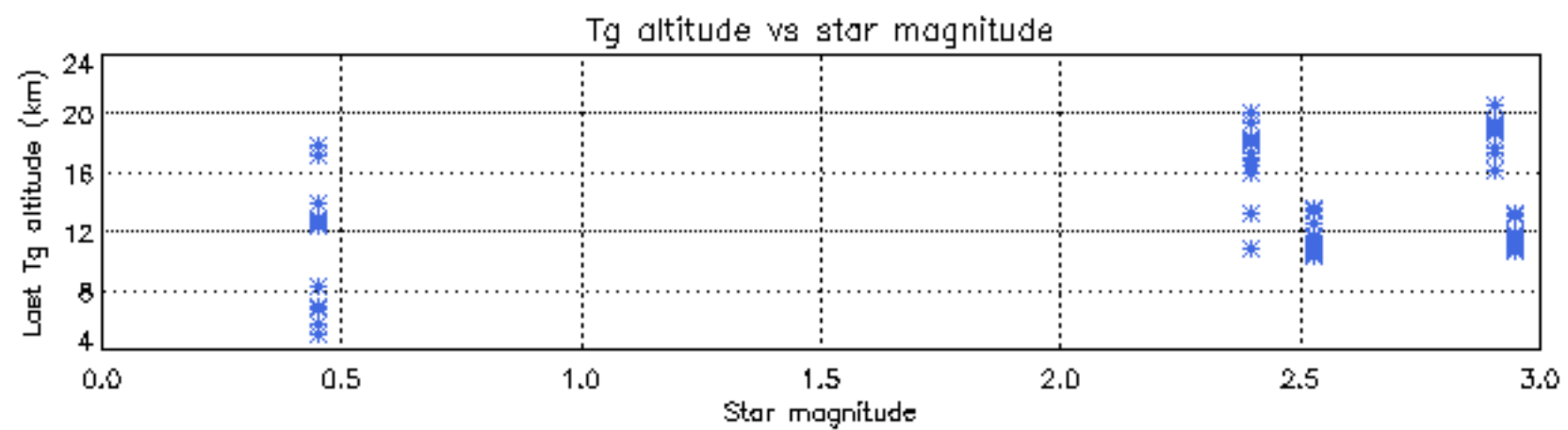
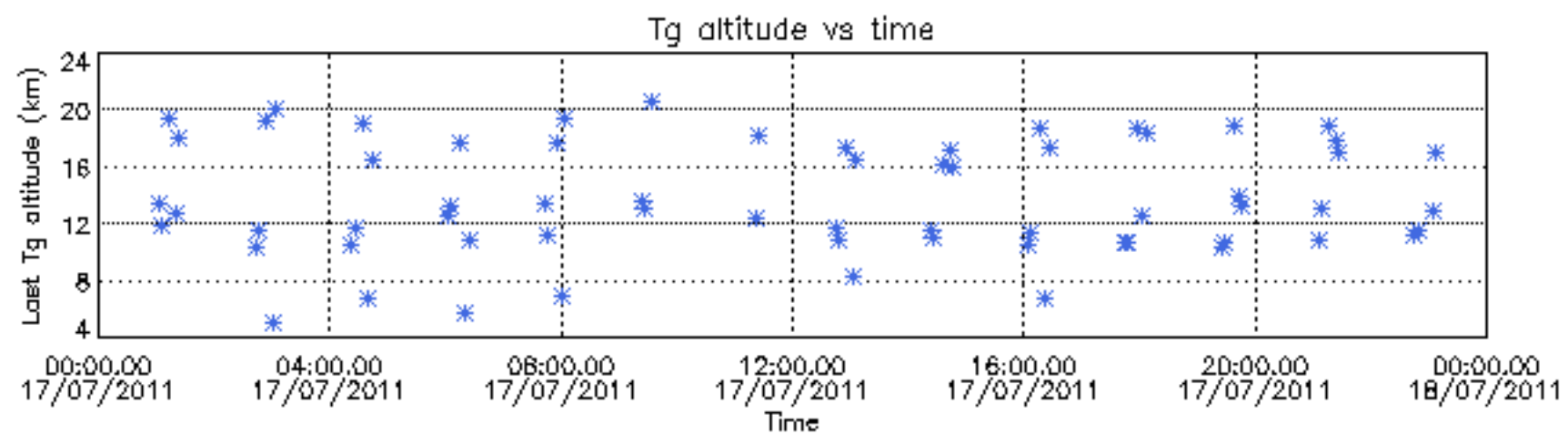
Percentage of star falling outside central band per profile



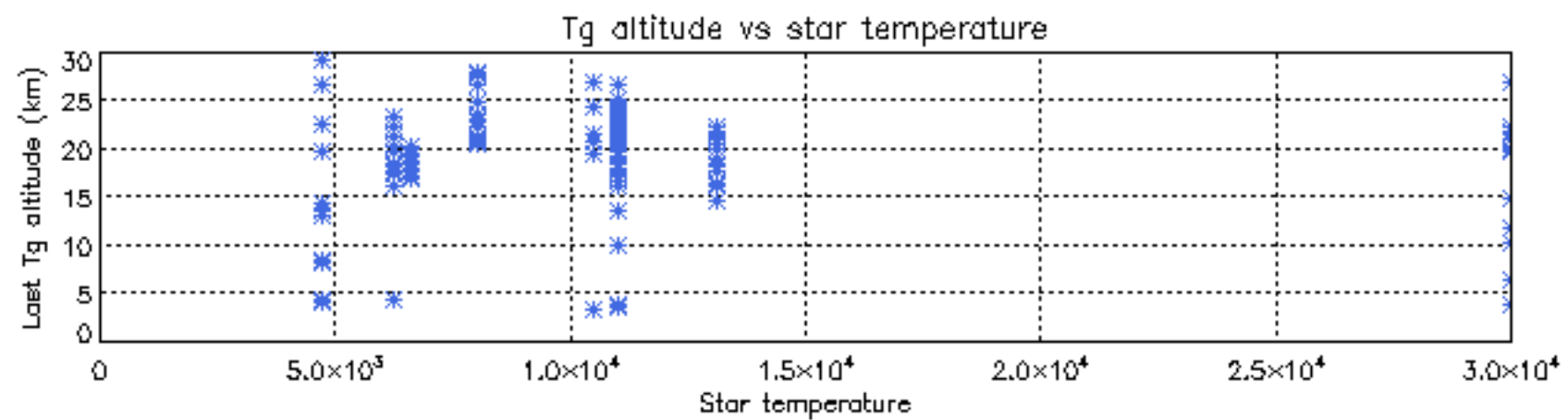
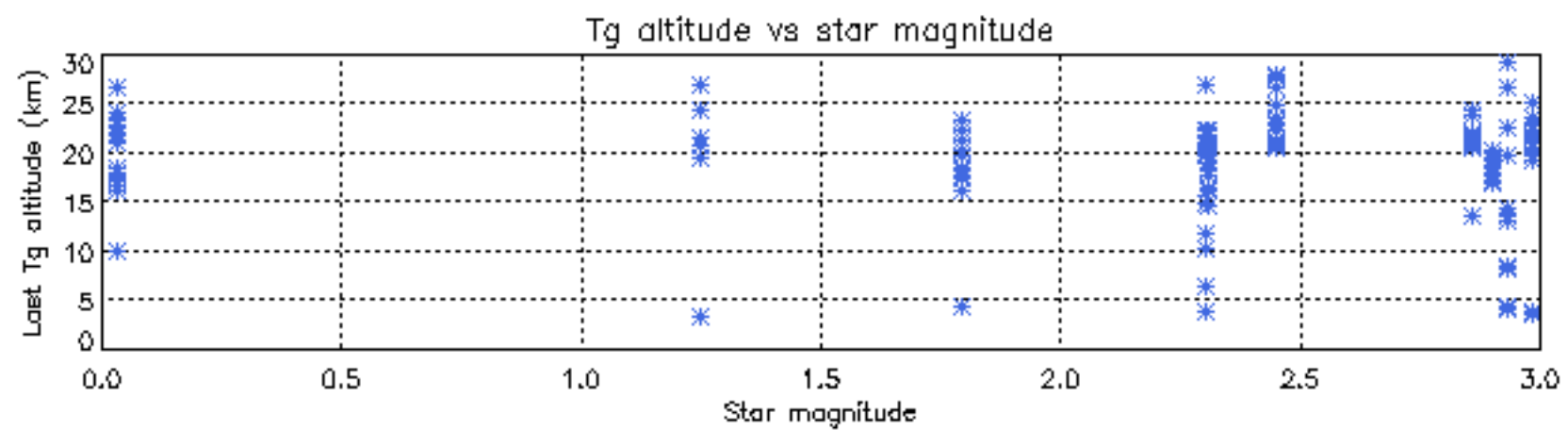
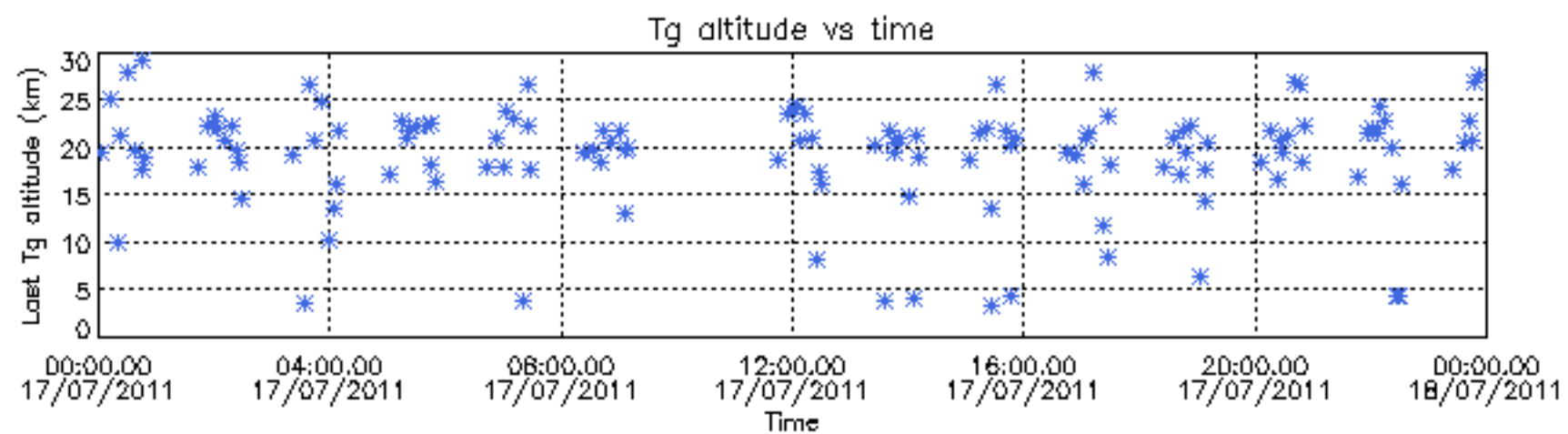
Percentage of saturation errors per profile



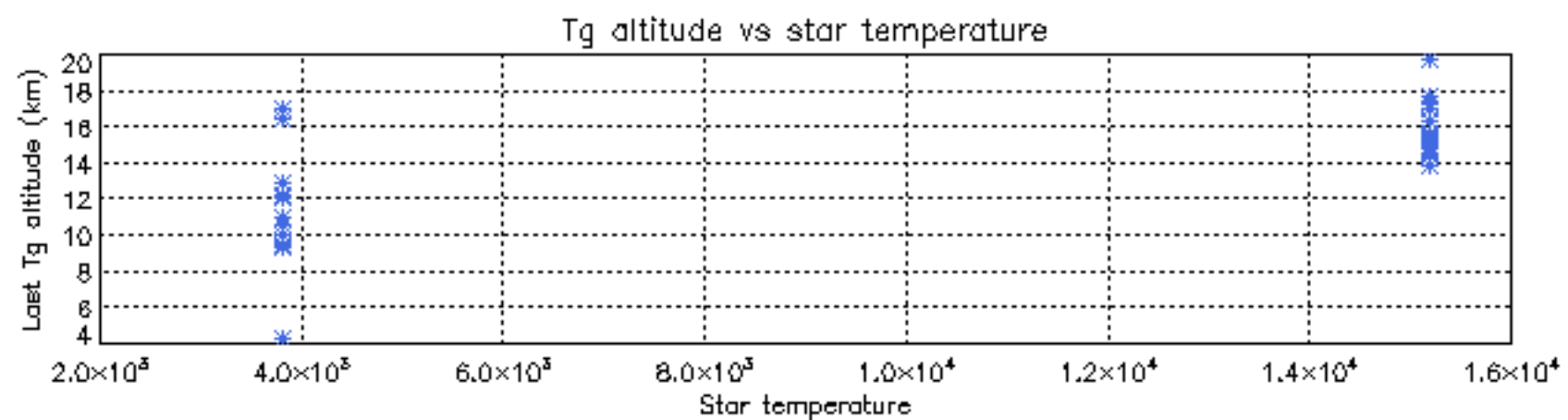
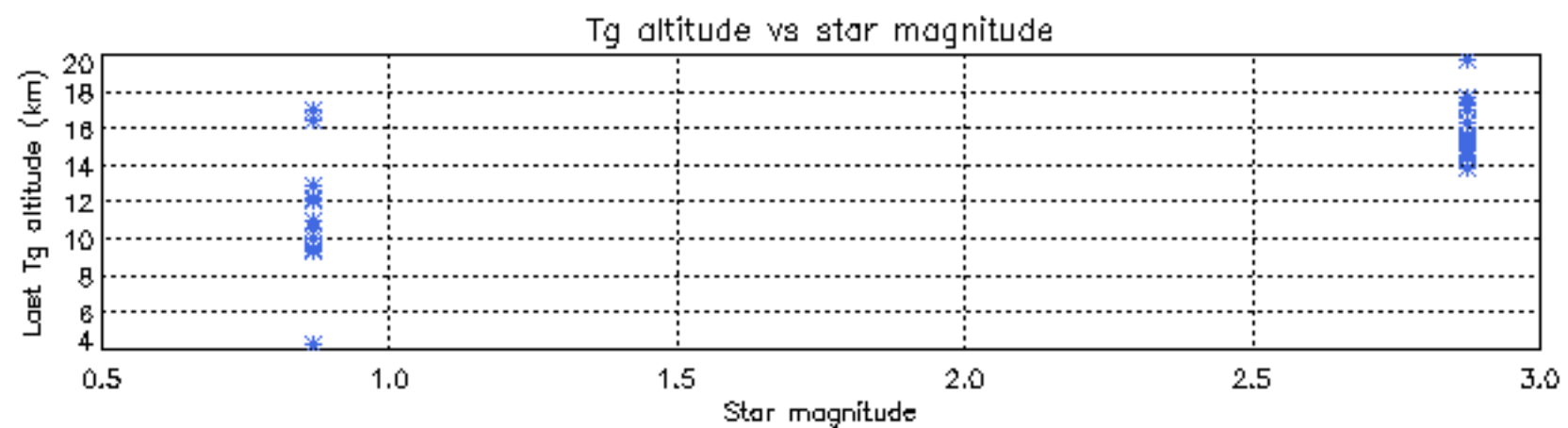
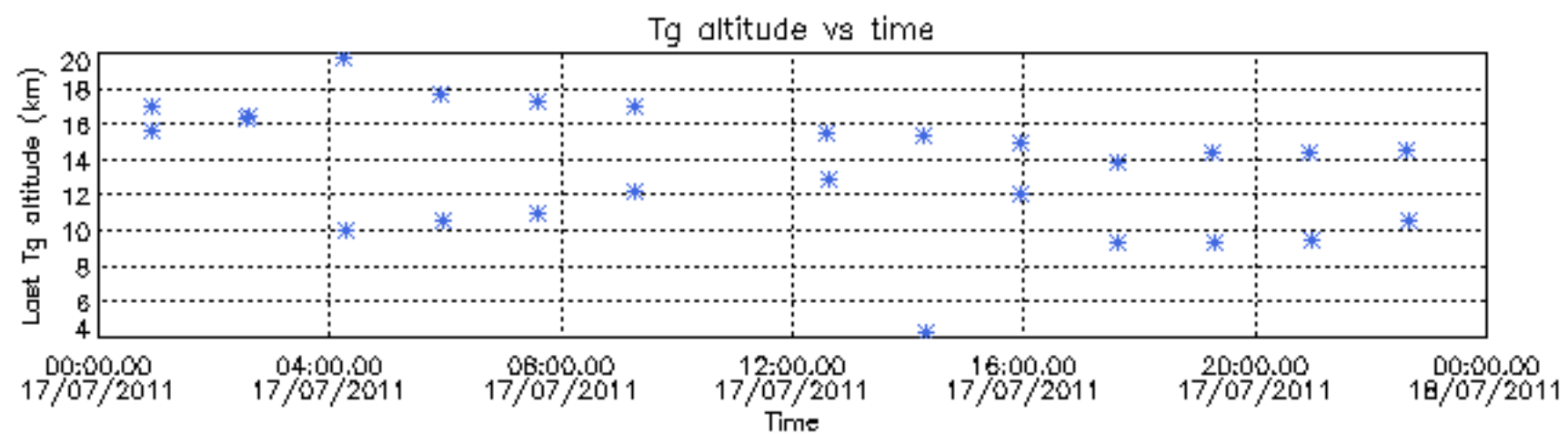
Tangent altitude at which the star is lost

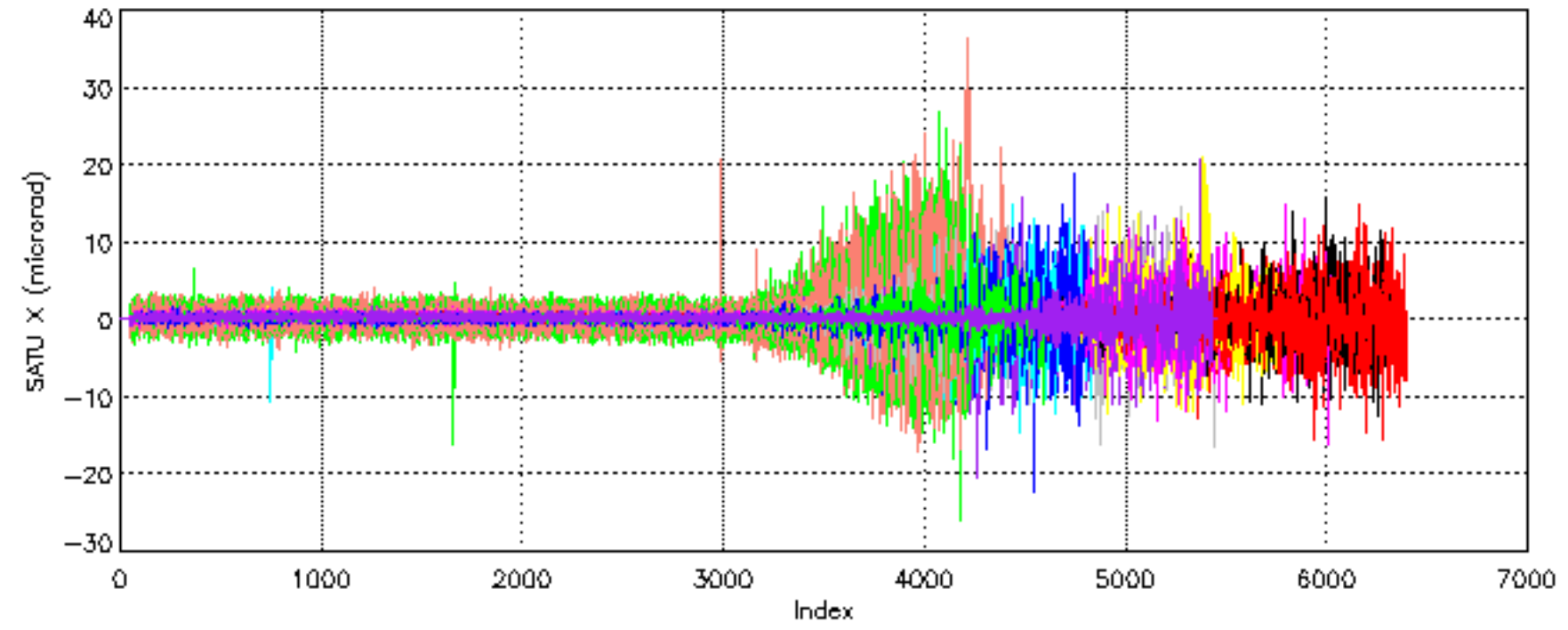


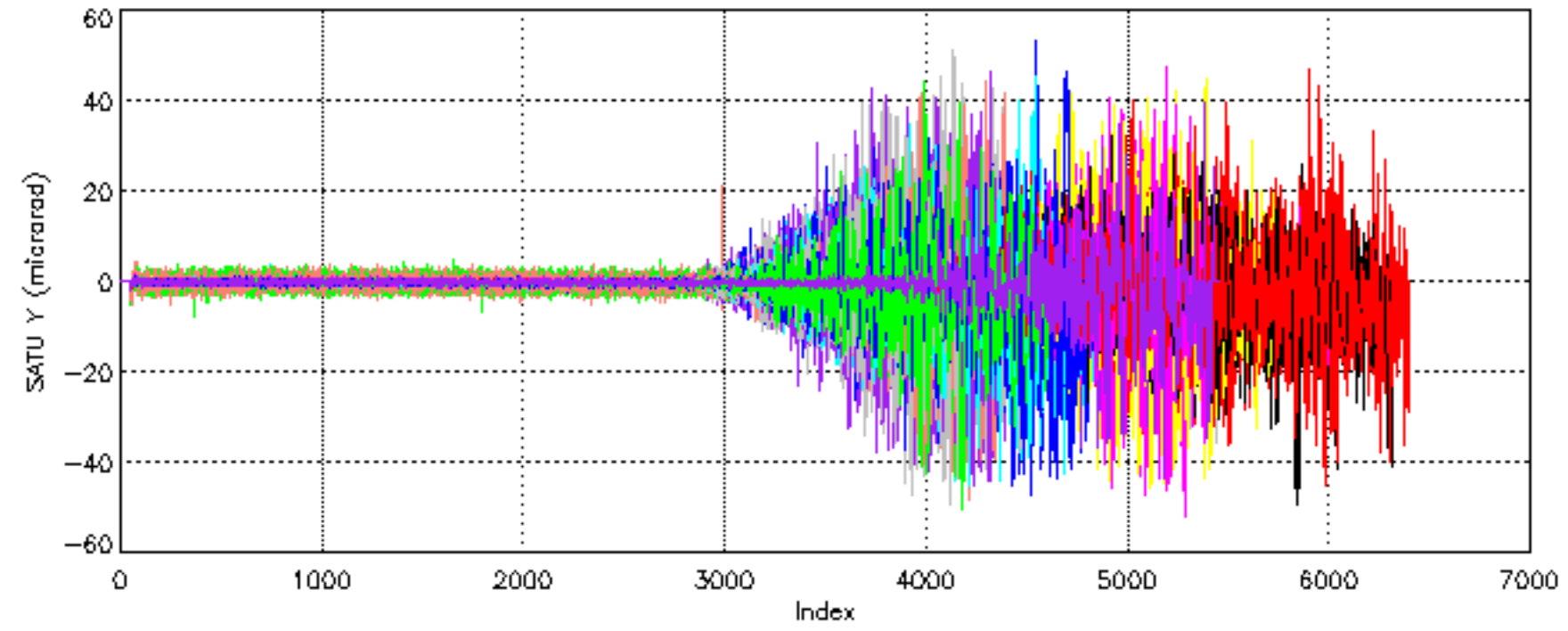
Tangent altitude at which the star is lost

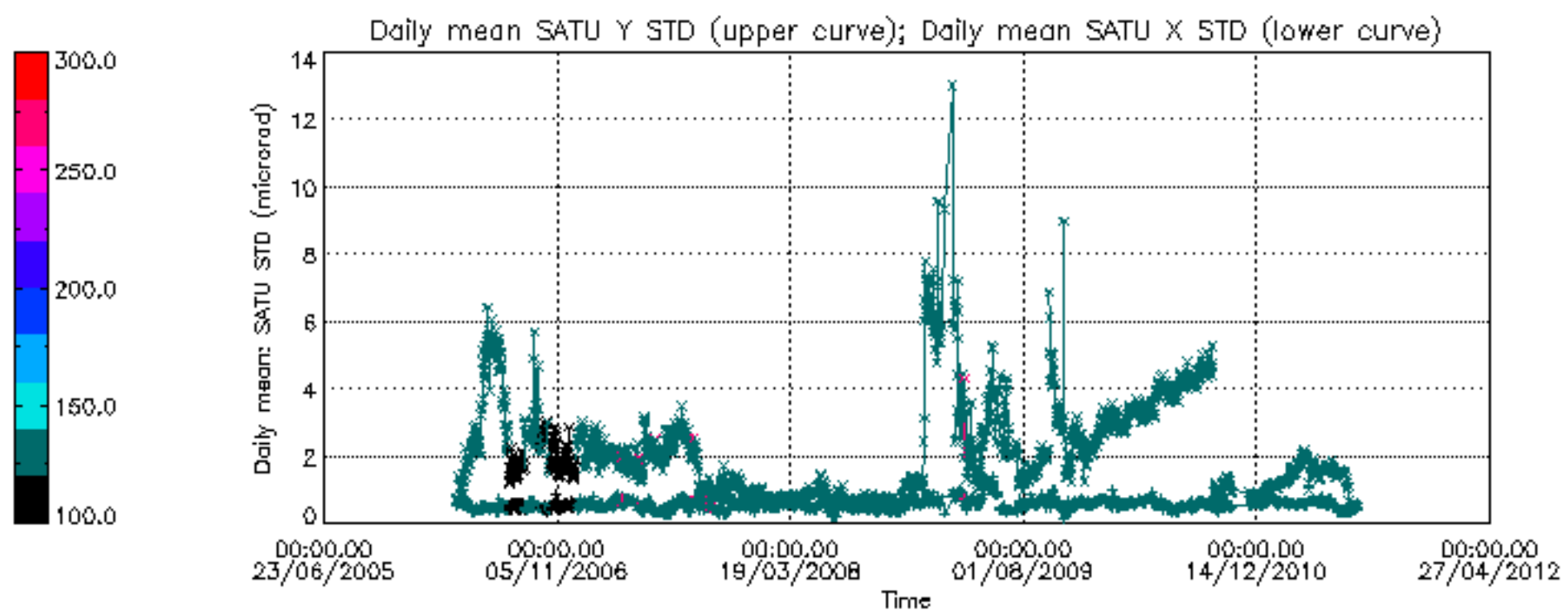


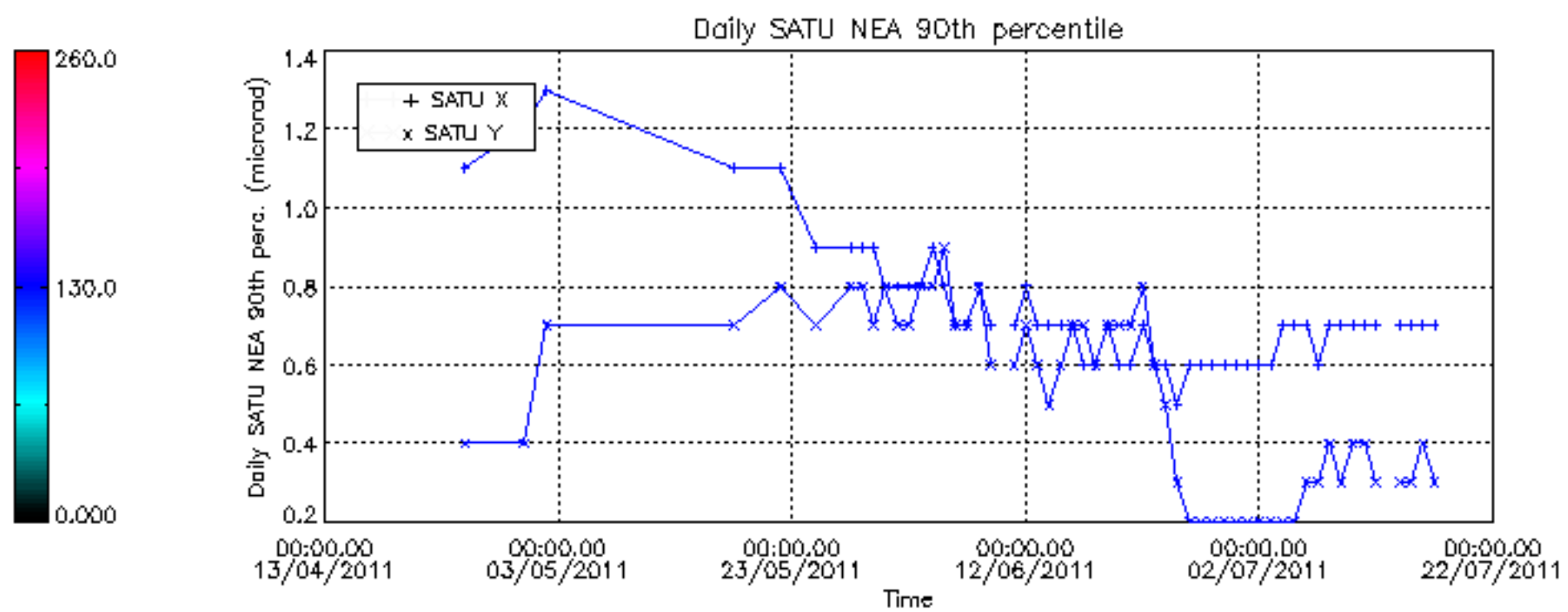
Tangent altitude at which the star is lost











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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110701_023439_000038843104_00089_48810_6026.N1
 1; -520.5; 01-JUL-2011 02:34:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48810
 2; 104.4; 01-JUL-2011 02:45:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;48811
 3; 491.2; 01-JUL-2011 02:51:31; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;48811
 4; 606.4; 01-JUL-2011 02:53:26; Dark ; 53.0; 31; Alp Gru ; 1.73; 15200;occ; 106; 0;48811
 5; 744.1; 01-JUL-2011 02:55:43; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;48811
 6; 1308.9; 01-JUL-2011 03:05:08; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;48811
 7; 1472.5; 01-JUL-2011 03:07:52; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;48811
 8; 1969.7; 01-JUL-2011 03:16:09; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;48811
 9; 2108.6; 01-JUL-2011 03:18:28; Bright; 38.5; 59; 55Alp Oph ; 2.08; 8900;occ; 77; 0;48811
10; 2210.9; 01-JUL-2011 03:20:10; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;48811
11; 2630.2; 01-JUL-2011 03:27:10; Bright; 45.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 91; 0;48811
12; 2791.4; 01-JUL-2011 03:29:51; Bright; 34.0; 130; 23Bet Dra ; 2.80; 5800;occ; 68; 0;48811
13; 2894.4; 01-JUL-2011 03:31:34; Bright; 63.0; 144; 18Del Cyg ; 2.86; 11000;occ; 126; 0;48811
14; 3316.2; 01-JUL-2011 03:38:36; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;48811
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110701_034557_000056173104_00090_48811_6027.N1
 1;-2256.8; 01-JUL-2011 03:45:57; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;48811
 2;-2161.3; 01-JUL-2011 03:47:32; Bright; 44.5; 110; 37Del Cas ; 2.68; 8900;occ; 89; 0;48811
 3;-1972.6; 01-JUL-2011 03:50:41; Bright; 56.0; 160; 23Gam Per ; 2.93; 4700;occ; 112; 0;48811
 4;-1868.4; 01-JUL-2011 03:52:25; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;48811
 5;-1770.7; 01-JUL-2011 03:54:03; Bright; 66.0; 73; 57Gam1And ; 2.26; 13100;occ; 132; 0;48811
 6;-1611.4; 01-JUL-2011 03:56:42; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;48811
 7;-1354.4; 01-JUL-2011 04:00:59; Dark ; 57.5; 50; 13Alp Ari ; 2.01; 4250;occ; 115; 0;48811
 8;-1054.6; 01-JUL-2011 04:05:59; Dark ; 47.0; 94; 92Alp Cet ; 2.53; 3100;occ; 94; 0;48811
 9; -519.6; 01-JUL-2011 04:14:54; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;48811
10; 105.4; 01-JUL-2011 04:25:19; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;48812
11; 492.2; 01-JUL-2011 04:31:46; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;48812
12; 607.4; 01-JUL-2011 04:33:41; Dark ; 52.5; 31; Alp Gru ; 1.73; 15200;occ; 105; 0;48812
13; 744.7; 01-JUL-2011 04:35:58; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;48812
14; 1309.2; 01-JUL-2011 04:45:23; Dark ; 44.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 89; 0;48812
15; 1472.7; 01-JUL-2011 04:48:06; Bright; 43.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 87; 0;48812
16; 1969.8; 01-JUL-2011 04:56:23; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;48812
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18; 6319.5; 31-JUL-2011 16:10:43; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;49250
19; 6606.3; 31-JUL-2011 16:15:30; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49250
20; 6928.8; 31-JUL-2011 16:20:52; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49250

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21; 7115.9; 31-JUL-2011 16:23:59; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;49250

