

GOMOS Daily Report 13-JUN-2010

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	16JUN2010 04:50:17
Data source version	GOMOS/5.00L04
Start time of products	13JUN2010 00:00:41
Stop time of products	13JUN2010 23:58:08
Store outputs in DB	Yes
Nb of level 1b prods	118
Nb of prods with errors	1

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

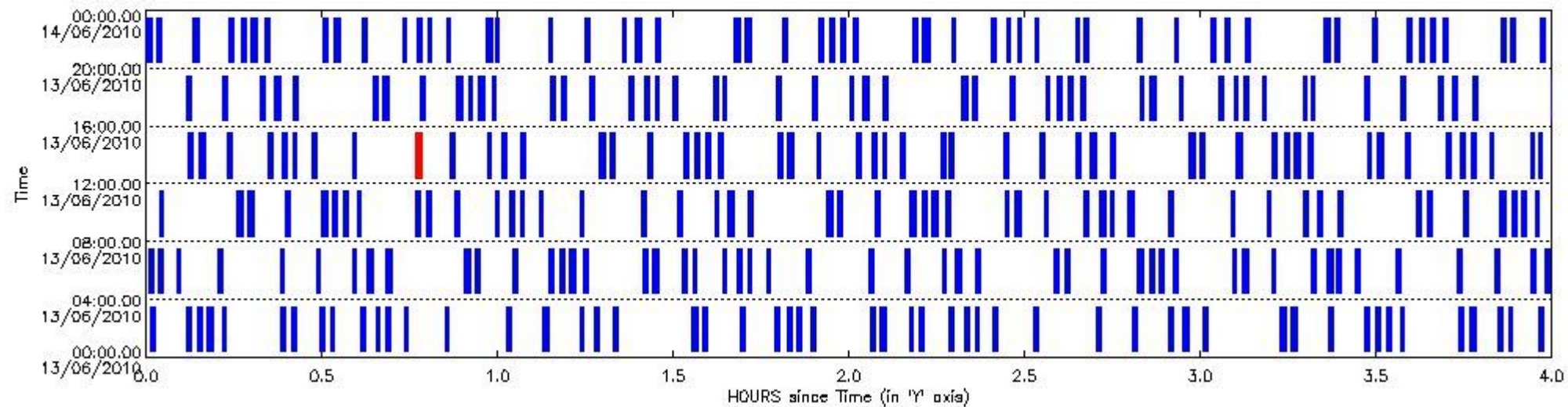
2.1 Level 0 products arrived in PCF (see template [here](#))

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
13-JUN-2010 12:45:52	5AlpCep	89	43321

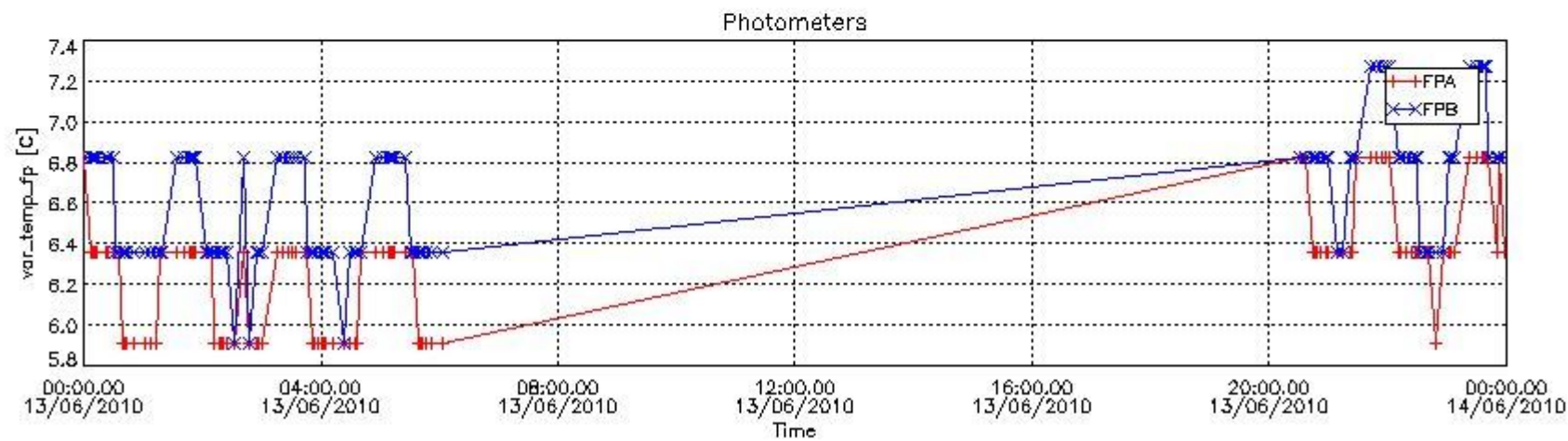
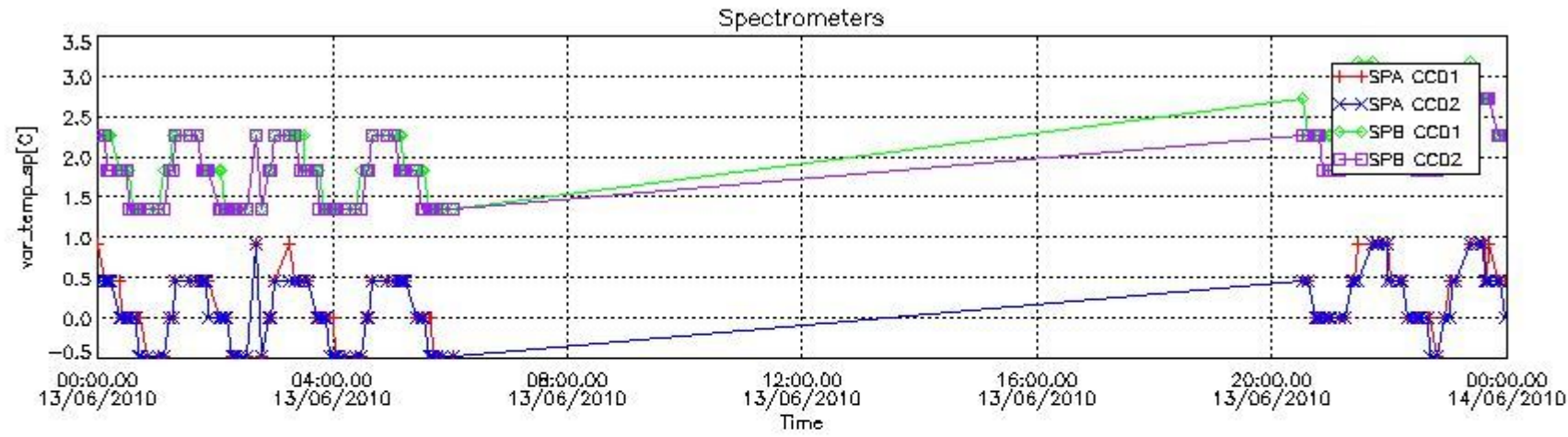
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100613_000041_000000462090_00173_43313_8611.N1	13-JUN-2010 00:00:41	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	43313	No
2	GOM_TRA_1PNPDE20100613_000646_000000572090_00174_43314_8612.N1	13-JUN-2010 00:06:46	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	43314	No
3	GOM_TRA_1PNPDE20100613_000848_000000502090_00174_43314_8613.N1	13-JUN-2010 00:08:48	Dark	50.000	31	Alp Gru	1.7340	15200.	100	43314	No
4	GOM_TRA_1PNPDE20100613_001027_000000562090_00174_43314_8614.N1	13-JUN-2010 00:10:27	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43314	No
5	GOM_TRA_1PNPDE20100613_001254_000000432090_00174_43314_8615.N1	13-JUN-2010 00:12:54	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43314	No
6	GOM_TRA_1PNPDE20100613_002300_000000432090_00174_43314_8616.N1	13-JUN-2010 00:23:00	Twilight_stray	43.000	25	35Lam Sco	1.6200	28000.	86	43314	No
7	GOM_TRA_1PNPDE20100613_002442_000000552090_00174_43314_8617.N1	13-JUN-2010 00:24:42	Bright	55.000	57	34Sig Sgr	2.0660	26000.	110	43314	No
8	GOM_TRA_1PNPDE20100613_002943_000000412090_00174_43314_8618.N1	13-JUN-2010 00:29:43	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43314	No
9	GOM_TRA_1PNPDE20100613_003128_000000422090_00174_43314_8619.N1	13-JUN-2010 00:31:28	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	43314	No
10	GOM_TRA_1PNPDE20100613_003634_000000472090_00174_43314_8620.N1	13-JUN-2010 00:36:34	Bright	47.000	126	60Bet Oph	2.7700	4250.0	94	43314	No

11	GOM_TRA_1PNPDE20100613_003909_000000482090_00174_43314_8621.N1	13-JUN-2010 00:39:09	Bright	47.500	59	55Alp Oph	2.0800	8900.0	95	43314	No
12	GOM_TRA_1PNPDE20100613_004056_000000392090_00174_43314_8622.N1	13-JUN-2010 00:40:56	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43314	No
13	GOM_TRA_1PNPDE20100613_004403_000000402090_00174_43314_8623.N1	13-JUN-2010 00:44:03	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43314	No
14	GOM_TRA_1PNPDE20100613_005101_000000412090_00174_43314_8624.N1	13-JUN-2010 00:51:01	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43314	No
15	GOM_TRA_1PNPDE20100613_010137_000000482090_00174_43314_8625.N1	13-JUN-2010 01:01:37	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43314	No
16	GOM_TRA_1PNPDE20100613_010747_000000632090_00174_43314_8626.N1	13-JUN-2010 01:07:47	Bright	63.000	74	11Bet Cas	2.2680	6600.0	126	43314	No
17	GOM_TRA_1PNPDE20100613_011403_000000392090_00174_43314_8627.N1	13-JUN-2010 01:14:03	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43314	No
18	GOM_TRA_1PNPDE20100613_011623_000000542090_00174_43314_8628.N1	13-JUN-2010 01:16:23	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43314	No
19	GOM_TRA_1PNPDE20100613_011946_000000462090_00174_43314_8629.N1	13-JUN-2010 01:19:46	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43314	No
20	GOM_TRA_1PNPDE20100613_013455_000000532090_00174_43314_8624.N1	13-JUN-2010 01:34:55	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	43314	No
21	GOM_TRA_1PNPDE20100613_014118_000000542090_00174_43314_8625.N1	13-JUN-2010 01:41:18	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43314	No
22	GOM_TRA_1PNPDE20100613_014722_000000512090_00175_43315_8626.N1	13-JUN-2010 01:47:22	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	43315	No
23	GOM_TRA_1PNPDE20100613_014924_000000492090_00175_43315_8627.N1	13-JUN-2010 01:49:24	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43315	No
24	GOM_TRA_1PNPDE20100613_015104_000000562090_00175_43315_8628.N1	13-JUN-2010 01:51:04	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43315	No
25	GOM_TRA_1PNPDE20100613_015331_000000442090_00175_43315_8629.N1	13-JUN-2010 01:53:31	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43315	No
26	GOM_TRA_1PNPDE20100613_020337_000000462090_00175_43315_8630.N1	13-JUN-2010 02:03:37	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	43315	No
27	GOM_TRA_1PNPDE20100613_020518_000000652090_00175_43315_8631.N1	13-JUN-2010 02:05:18	Bright	65.000	57	34Sig Sgr	2.0660	26000.	130	43315	No
28	GOM_TRA_1PNPDE20100613_021019_000000422090_00175_43315_8632.N1	13-JUN-2010 02:10:19	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43315	No
29	GOM_TRA_1PNPDE20100613_021205_000000372090_00175_43315_8633.N1	13-JUN-2010 02:12:05	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	43315	No
30	GOM_TRA_1PNPDE20100613_021710_000000472090_00175_43315_8634.N1	13-JUN-2010 02:17:10	Bright	47.000	126	60Bet Oph	2.7700	4250.0	94	43315	No
31	GOM_TRA_1PNPDE20100613_021944_000000442090_00175_43315_8635.N1	13-JUN-2010 02:19:44	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43315	No
32	GOM_TRA_1PNPDE20100613_022132_000000402090_00175_43315_8636.N1	13-JUN-2010 02:21:32	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	43315	No
33	GOM_TRA_1PNPDE20100613_022439_000000412090_00175_43315_8637.N1	13-JUN-2010 02:24:39	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43315	No
34	GOM_TRA_1PNPDE20100613_023136_000000402090_00175_43315_8638.N1	13-JUN-2010 02:31:36	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43315	No
35	GOM_TRA_1PNPDE20100613_024212_000000502090_00175_43315_8647.N1	13-JUN-2010 02:42:12	Bright	49.500	89	5Alp Cep	2.4510	8000.0	99	43315	Yes
36	GOM_TRA_1PNPDE20100613_024822_000000452090_00175_43315_8648.N1	13-JUN-2010 02:48:22	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43315	No
37	GOM_TRA_1PNPDE20100613_025439_000000402090_00175_43315_8649.N1	13-JUN-2010 02:54:39	Bright	39.500	73	57Gam1And	2.2600	13100.	79	43315	No
38	GOM_TRA_1PNPDE20100613_025659_000000582090_00175_43315_8650.N1	13-JUN-2010 02:56:59	Twilight	57.500	53	43Bet And	2.0480	3300.0	115	43315	No
39	GOM_TRA_1PNPDE20100613_030022_000000482090_00175_43315_8651.N1	13-JUN-2010 03:00:22	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	43315	No
40	GOM_TRA_1PNPDE20100613_031532_000000572090_00175_43315_8652.N1	13-JUN-2010 03:15:32	Dark	56.500	52	16Bet Cet	2.0370	4500.0	113	43315	No
41	GOM_TRA_1PNPDE20100613_032155_000000462090_00175_43315_8653.N1	13-JUN-2010 03:21:55	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	43315	No
42	GOM_TRA_1PNPDE20100613_032759_000000492090_00176_43316_8654.N1	13-JUN-2010 03:27:59	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43316	No
43	GOM_TRA_1PNPDE20100613_033002_000000472090_00176_43316_8655.N1	13-JUN-2010 03:30:02	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43316	No
44	GOM_TRA_1PNPDE20100613_033142_000000572090_00176_43316_8656.N1	13-JUN-2010 03:31:42	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43316	No
45	GOM_TRA_1PNPDE20100613_033407_000000422090_00176_43316_8657.N1	13-JUN-2010 03:34:07	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43316	No
46	GOM_TRA_1PNPDE20100613_034413_000000412090_00176_43316_8658.N1	13-JUN-2010 03:44:13	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	43316	No
47	GOM_TRA_1PNPDE20100613_034555_000000612090_00176_43316_8659.N1	13-JUN-2010 03:45:55	Bright	61.000	57	34Sig Sgr	2.0660	26000.	122	43316	No
48	GOM_TRA_1PNPDE20100613_035056_000000402090_00176_43316_8660.N1	13-JUN-2010 03:50:56	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43316	No
49	GOM_TRA_1PNPDE20100613_035241_000000382090_00176_43316_8661.N1	13-JUN-2010 03:52:41	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	43316	No
50	GOM_TRA_1PNPDE20100613_035745_000000462090_00176_43316_8662.N1	13-JUN-2010 03:57:45	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	43316	No
51	GOM_TRA_1PNPDE20100613_040020_000000472090_00176_43316_8663.N1	13-JUN-2010 04:00:20	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43316	No
52	GOM_TRA_1PNPDE20100613_040208_000000392090_00176_43316_8664.N1	13-JUN-2010 04:02:08	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43316	No
53	GOM_TRA_1PNPDE20100613_040514_000000402090_00176_43316_8665.N1	13-JUN-2010 04:05:14	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43316	No
54	GOM_TRA_1PNPDE20100613_041212_000000422090_00176_43316_8666.N1	13-JUN-2010 04:12:12	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43316	No
55	GOM_TRA_1PNPDE20100613_042248_000000482090_00176_43316_8667.N1	13-JUN-2010 04:22:48	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43316	No
56	GOM_TRA_1PNPDE20100613_042858_000000452090_00176_43316_8671.N1	13-JUN-2010 04:28:58	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43316	No
57	GOM_TRA_1PNPDE20100613_043515_000000392090_00176_43316_8672.N1	13-JUN-2010 04:35:15	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43316	No
58	GOM_TRA_1PNPDE20100613_043735_000000642090_00176_43316_8673.N1	13-JUN-2010 04:37:35	Twilight	64.000	53	43Bet And	2.0480	3300.0	128	43316	No
59	GOM_TRA_1PNPDE20100613_044058_000000532090_00176_43316_8674.N1	13-JUN-2010 04:40:58	Twilight	53.000	50	13Alp Ari	2.0070	4250.0	106	43316	No
60	GOM_TRA_1PNPDE20100613_045610_000000522090_00176_43316_8675.N1	13-JUN-2010 04:56:10	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43316	No
61	GOM_TRA_1PNPDE20100613_050232_000000462090_00176_43316_8676.N1	13-JUN-2010 05:02:32	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	43316	No
62	GOM_TRA_1PNPDE20100613_050836_000000632090_00177_43317_8677.N1	13-JUN-2010 05:08:36	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	43317	No
63	GOM_TRA_1PNPDE20100613_051038_000000522090_00177_43317_8678.N1	13-JUN-2010 05:10:38	Dark	51.500	31	Alp Gru	1.7340	15200.	103	43317	No
64	GOM_TRA_1PNPDE20100613_051219_000000572090_00177_43317_8679.N1	13-JUN-2010 05:12:19	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43317	No
65	GOM_TRA_1PNPDE20100613_051444_000000432090_00177_43317_8680.N1	13-JUN-2010 05:14:44	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43317	No
66	GOM_TRA_1PNPDE20100613_052449_000000462090_00177_43317_8681.N1	13-JUN-2010 05:24:49	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	43317	No
67	GOM_TRA_1PNPDE20100613_052631_000000572090_00177_43317_8682.N1	13-JUN-2010 05:26:31	Bright	56.500	57	34Sig Sgr	2.0660	26000.	113	43317	No
68	GOM_TRA_1PNPDE20100613_053132_000000412090_00177_43317_8683.N1	13-JUN-2010 05:31:32	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43317	No
69	GOM_TRA_1PNPDE20100613_053321_000000342090_00177_43317_8684.N1	13-JUN-2010 05:33:21	Bright	34.000	98	13Zet Oph	2.5710	30000.	68	43317	No

70	GOM_TRA_1PNPDE20100613_053821_000000462090_00177_43317_8685.N1	13-JUN-2010 05:38:21	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	43317	No
71	GOM_TRA_1PNPDE20100613_054056_000000472090_00177_43317_8686.N1	13-JUN-2010 05:40:56	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43317	No
72	GOM_TRA_1PNPDE20100613_054244_000000392090_00177_43317_8687.N1	13-JUN-2010 05:42:44	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43317	No
73	GOM_TRA_1PNPDE20100613_054550_000000382090_00177_43317_8688.N1	13-JUN-2010 05:45:50	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43317	No
74	GOM_TRA_1PNPDE20100613_055248_000000422090_00177_43317_8689.N1	13-JUN-2010 05:52:48	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43317	No
75	GOM_TRA_1PNPDE20100613_060323_000000482090_00177_43317_8690.N1	13-JUN-2010 06:03:23	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43317	No
76	GOM_TRA_1PNPDE20100613_203015_000000432090_00186_43326_8790.N1	13-JUN-2010 20:30:15	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	43326	No
77	GOM_TRA_1PNPDE20100613_203158_000000642090_00186_43326_8791.N1	13-JUN-2010 20:31:58	Bright	63.500	57	34Sig Sgr	2.0660	26000.	127	43326	No
78	GOM_TRA_1PNPDE20100613_203656_000000412090_00186_43326_8792.N1	13-JUN-2010 20:36:56	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43326	No
79	GOM_TRA_1PNPDE20100613_204342_000000462090_00186_43326_8793.N1	13-JUN-2010 20:43:42	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	43326	No
80	GOM_TRA_1PNPDE20100613_204616_000000452090_00186_43326_8794.N1	13-JUN-2010 20:46:16	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	43326	No
81	GOM_TRA_1PNPDE20100613_204806_000000392090_00186_43326_8795.N1	13-JUN-2010 20:48:06	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43326	No
82	GOM_TRA_1PNPDE20100613_205112_000000382090_00186_43326_8796.N1	13-JUN-2010 20:51:12	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43326	No
83	GOM_TRA_1PNPDE20100613_205807_000000592090_00186_43326_8797.N1	13-JUN-2010 20:58:07	Bright	59.000	130	23Bet Dra	2.7990	5800.0	118	43326	No
84	GOM_TRA_1PNPDE20100613_205932_000000392090_00186_43326_8798.N1	13-JUN-2010 20:59:32	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43326	No
85	GOM_TRA_1PNPDE20100613_210840_000000442090_00186_43326_8799.N1	13-JUN-2010 21:08:40	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43326	No
86	GOM_TRA_1PNPDE20100613_211455_000000452090_00186_43326_8800.N1	13-JUN-2010 21:14:55	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	43326	No
87	GOM_TRA_1PNPDE20100613_212115_000000402090_00186_43326_8801.N1	13-JUN-2010 21:21:15	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43326	No
88	GOM_TRA_1PNPDE20100613_212336_000000532090_00186_43326_8802.N1	13-JUN-2010 21:23:36	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	43326	No
89	GOM_TRA_1PNPDE20100613_212700_000000462090_00186_43326_8803.N1	13-JUN-2010 21:27:00	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	43326	No
90	GOM_TRA_1PNPDE20100613_214218_000000552090_00186_43326_8812.N1	13-JUN-2010 21:42:18	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	43326	No
91	GOM_TRA_1PNPDE20100613_214838_000000452090_00186_43326_8813.N1	13-JUN-2010 21:48:38	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	43326	No
92	GOM_TRA_1PNPDE20100613_215445_000000522090_00187_43327_8814.N1	13-JUN-2010 21:54:45	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	43327	No
93	GOM_TRA_1PNPDE20100613_215648_000000492090_00187_43327_8815.N1	13-JUN-2010 21:56:48	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43327	No
94	GOM_TRA_1PNPDE20100613_215832_000000552090_00187_43327_8816.N1	13-JUN-2010 21:58:32	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	43327	No
95	GOM_TRA_1PNPDE20100613_220050_000000432090_00187_43327_8817.N1	13-JUN-2010 22:00:50	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43327	No
96	GOM_TRA_1PNPDE20100613_221051_000000452090_00187_43327_8818.N1	13-JUN-2010 22:10:51	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43327	No
97	GOM_TRA_1PNPDE20100613_221234_000000722090_00187_43327_8819.N1	13-JUN-2010 22:12:34	Bright	71.500	57	34Sig Sgr	2.0660	26000.	143	43327	No
98	GOM_TRA_1PNPDE20100613_221732_000000402090_00187_43327_8820.N1	13-JUN-2010 22:17:32	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43327	No
99	GOM_TRA_1PNPDE20100613_222417_000000452090_00187_43327_8821.N1	13-JUN-2010 22:24:17	Bright	45.000	126	60Bet Oph	2.7700	4250.0	90	43327	No
100	GOM_TRA_1PNPDE20100613_222651_000000472090_00187_43327_8822.N1	13-JUN-2010 22:26:51	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43327	No
101	GOM_TRA_1PNPDE20100613_222842_000000402090_00187_43327_8823.N1	13-JUN-2010 22:28:42	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	43327	No
102	GOM_TRA_1PNPDE20100613_223147_000000402090_00187_43327_8824.N1	13-JUN-2010 22:31:47	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43327	No
103	GOM_TRA_1PNPDE20100613_223842_000000412090_00187_43327_8825.N1	13-JUN-2010 22:38:42	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	43327	No
104	GOM_TRA_1PNPDE20100613_224008_000000382090_00187_43327_8826.N1	13-JUN-2010 22:40:08	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43327	No
105	GOM_TRA_1PNPDE20100613_224915_000000482090_00187_43327_8827.N1	13-JUN-2010 22:49:15	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43327	No
106	GOM_TRA_1PNPDE20100613_225530_000000442090_00187_43327_8828.N1	13-JUN-2010 22:55:30	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	43327	No
107	GOM_TRA_1PNPDE20100613_230151_000000402090_00187_43327_8829.N1	13-JUN-2010 23:01:51	Bright	40.000	73	57Gam1And	2.2600	13100.	80	43327	No
108	GOM_TRA_1PNPDE20100613_230411_000000572090_00187_43327_8830.N1	13-JUN-2010 23:04:11	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	43327	No
109	GOM_TRA_1PNPDE20100613_230736_000000532090_00187_43327_8831.N1	13-JUN-2010 23:07:36	Twilight	53.000	50	13Alp Ari	2.0070	4250.0	106	43327	No
110	GOM_TRA_1PNPDE20100613_232255_000000562090_00187_43327_8831.N1	13-JUN-2010 23:22:55	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	43327	No
111	GOM_TRA_1PNPDE20100613_232915_000000542090_00187_43327_8832.N1	13-JUN-2010 23:29:15	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43327	No
112	GOM_TRA_1PNPDE20100613_233522_000000512090_00188_43328_8833.N1	13-JUN-2010 23:35:22	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	43328	No
113	GOM_TRA_1PNPDE20100613_233725_000000472090_00188_43328_8834.N1	13-JUN-2010 23:37:25	Dark	46.500	31	Alp Gru	1.7340	15200.	93	43328	No
114	GOM_TRA_1PNPDE20100613_233909_000000582090_00188_43328_8835.N1	13-JUN-2010 23:39:09	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	43328	No
115	GOM_TRA_1PNPDE20100613_234126_000000432090_00188_43328_8836.N1	13-JUN-2010 23:41:26	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43328	No
116	GOM_TRA_1PNPDE20100613_235127_000000442090_00188_43328_8837.N1	13-JUN-2010 23:51:27	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	43328	No
117	GOM_TRA_1PNPDE20100613_235250_000000482090_00188_43328_8838.N1	13-JUN-2010 23:52:50	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	43328	No
118	GOM_TRA_1PNPDE20100613_235808_000000412090_00188_43328_8839.N1	13-JUN-2010 23:58:08	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43328	No

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



4. Overview of dark signal processing per product

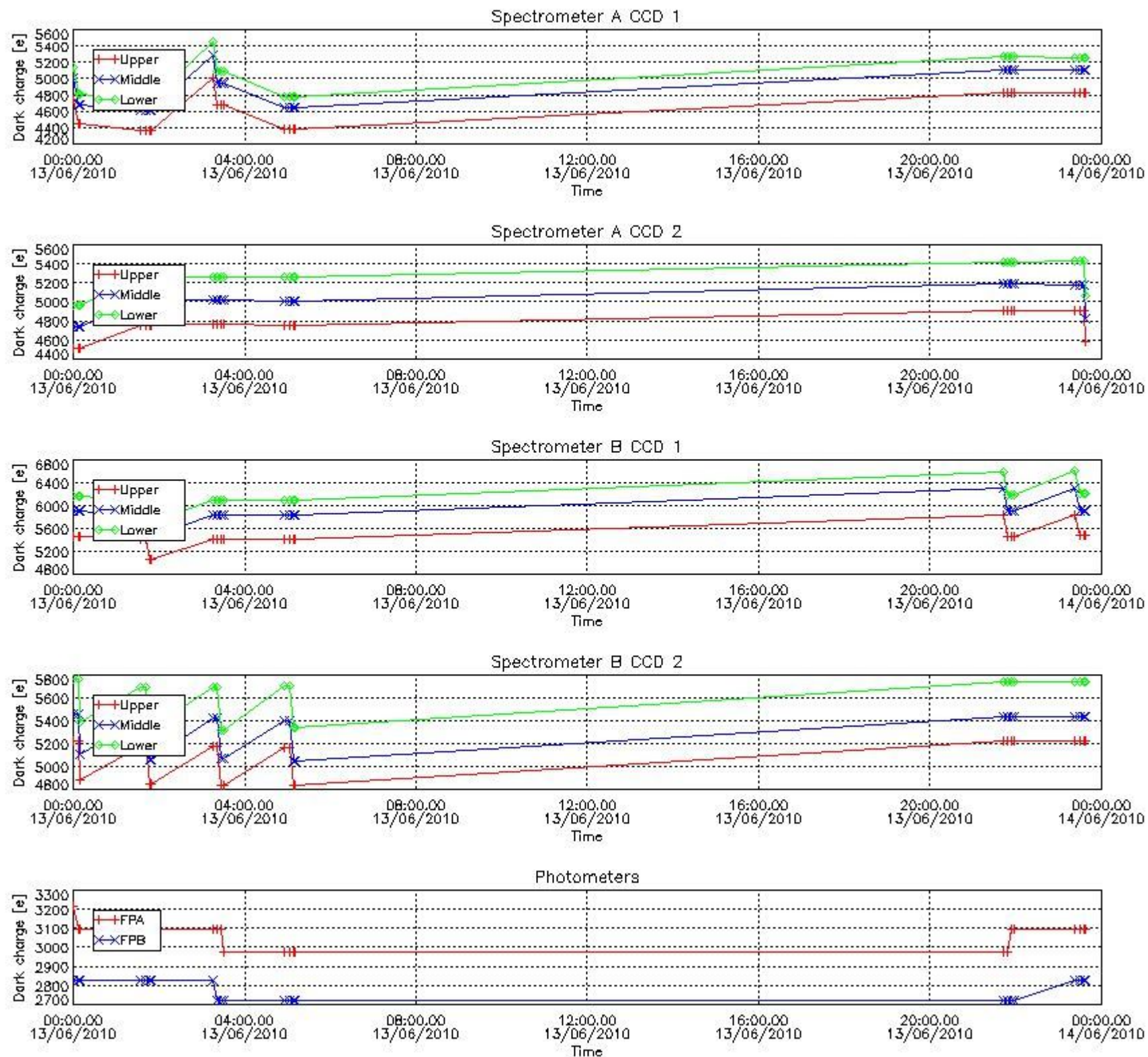
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100613_203015_000000432090_00186_43326_8790.N1	DC map used
GOM_TRA_1PNPDE20100613_203158_000000642090_00186_43326_8791.N1	DC map used
GOM_TRA_1PNPDE20100613_203656_000000412090_00186_43326_8792.N1	DC map used
GOM_TRA_1PNPDE20100613_204342_000000462090_00186_43326_8793.N1	DC map used
GOM_TRA_1PNPDE20100613_204616_000000452090_00186_43326_8794.N1	DC map used
GOM_TRA_1PNPDE20100613_204806_000000392090_00186_43326_8795.N1	DC map used
GOM_TRA_1PNPDE20100613_205112_000000382090_00186_43326_8796.N1	DC map used
GOM_TRA_1PNPDE20100613_205807_000000592090_00186_43326_8797.N1	DC map used
GOM_TRA_1PNPDE20100613_205932_000000392090_00186_43326_8798.N1	DC map used
GOM_TRA_1PNPDE20100613_210840_000000442090_00186_43326_8799.N1	DC map used
GOM_TRA_1PNPDE20100613_211455_000000452090_00186_43326_8800.N1	DC map used
GOM_TRA_1PNPDE20100613_212115_000000402090_00186_43326_8801.N1	DC map used
GOM_TRA_1PNPDE20100613_212336_000000532090_00186_43326_8802.N1	DC map used
GOM_TRA_1PNPDE20100613_212700_000000462090_00186_43326_8803.N1	DC map used

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



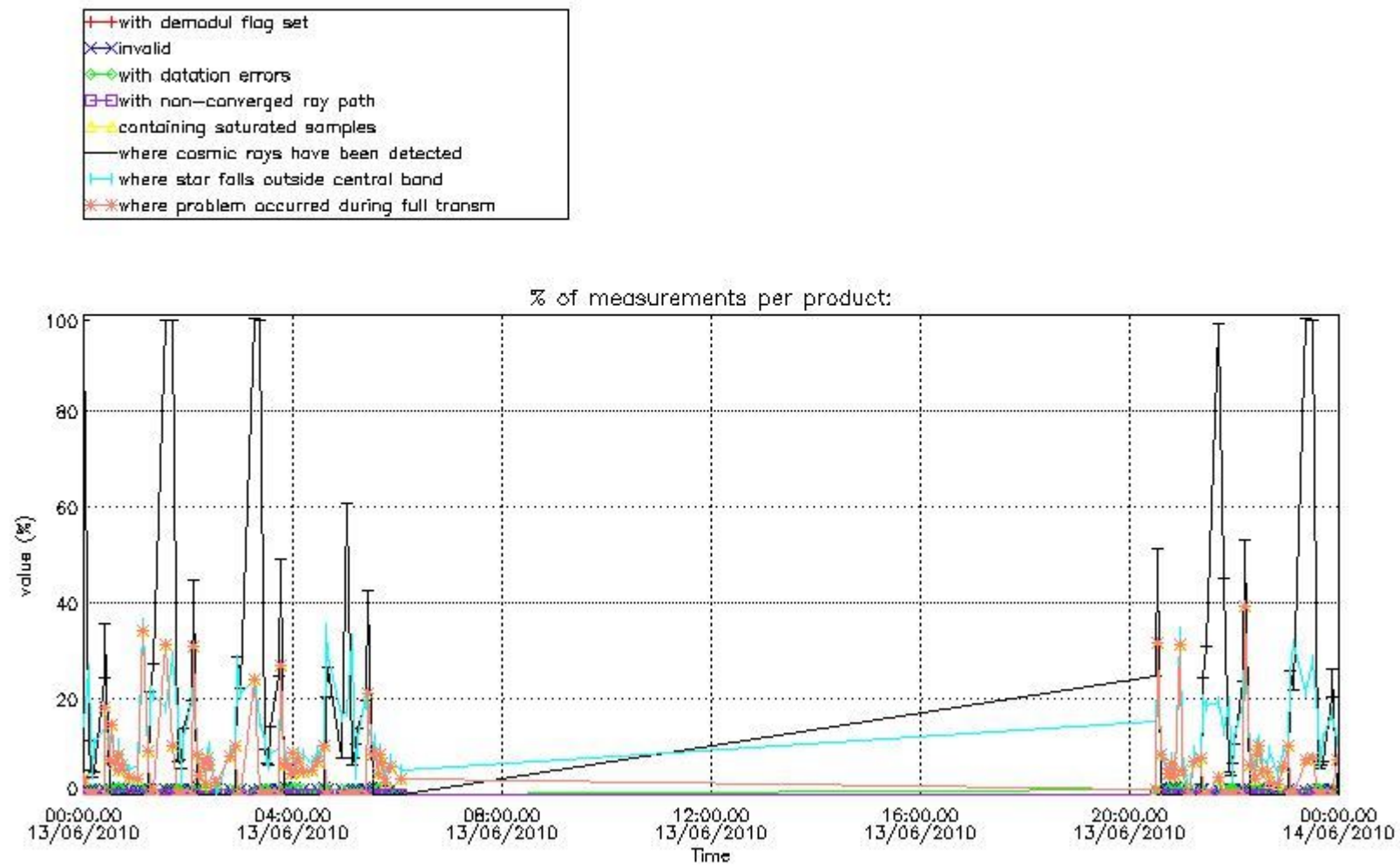
5. Demodulation flag and quality information monitoring

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.

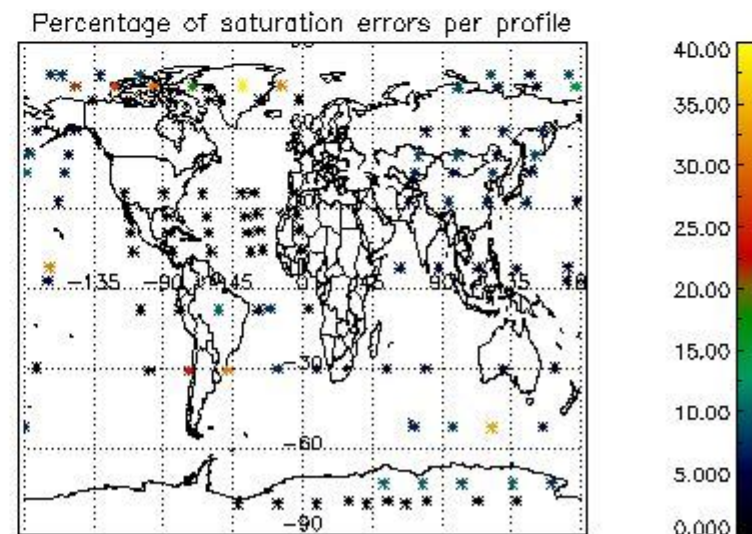
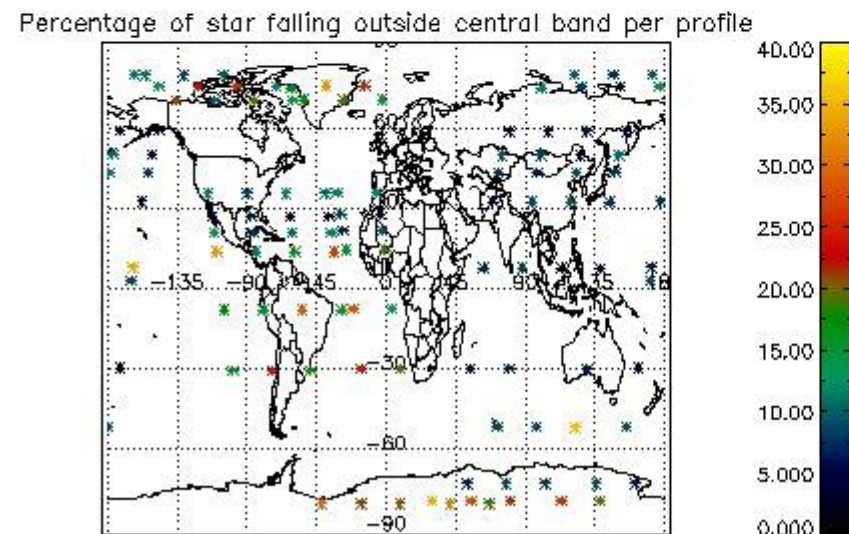
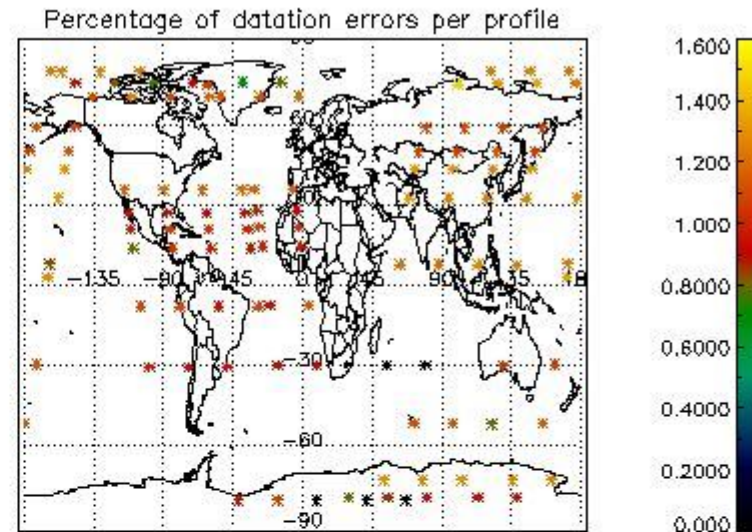
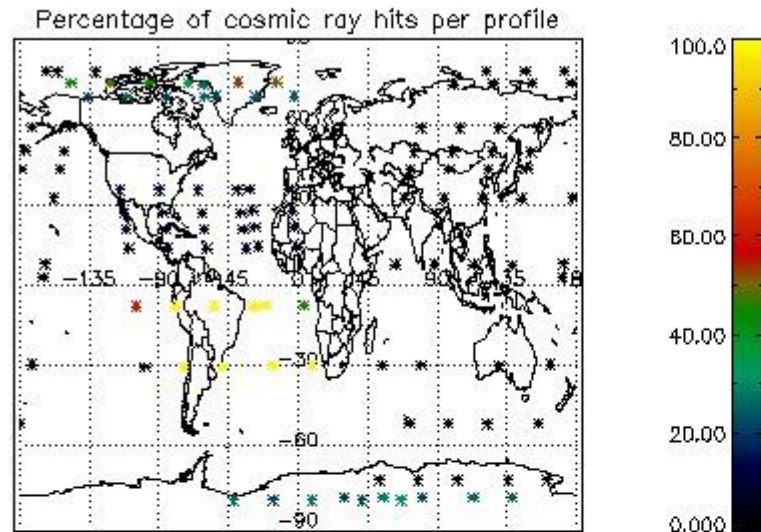
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	40.1709 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



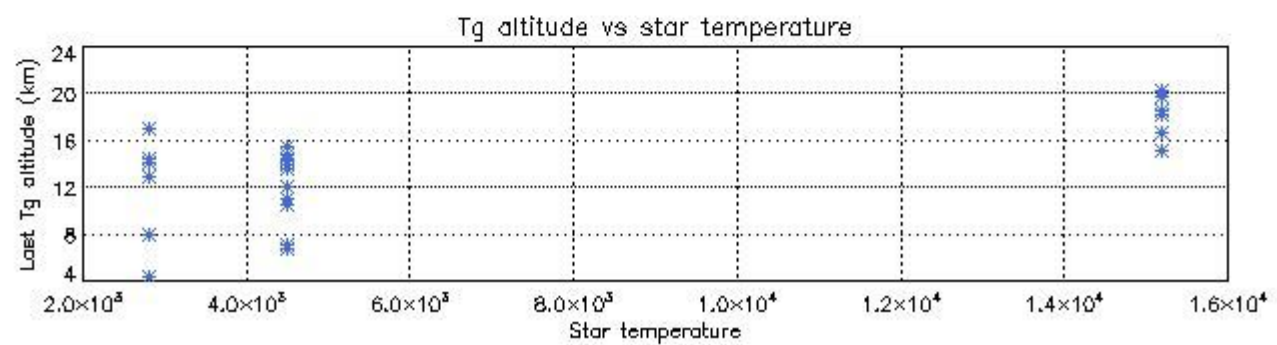
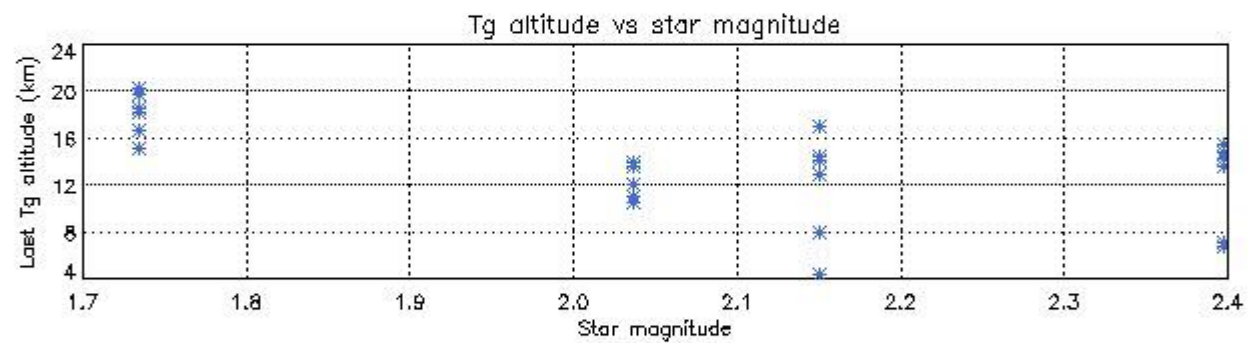
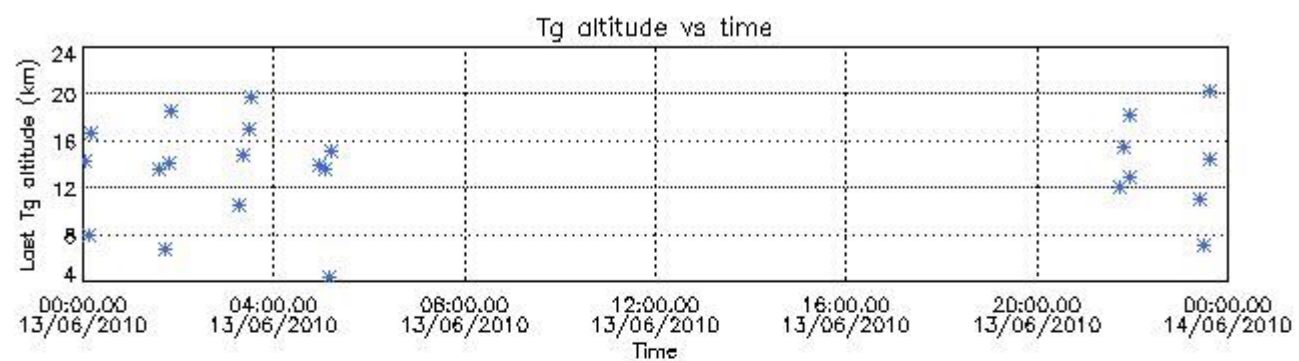
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.563	18.624	9.4467
St. deviation:	4.1490	4.4184	2.7145
Maximum:	20.234	28.103	12.275
Minimum:	4.4101	3.6865	6.4625
Number of data:	23.000	64.000	5.0000

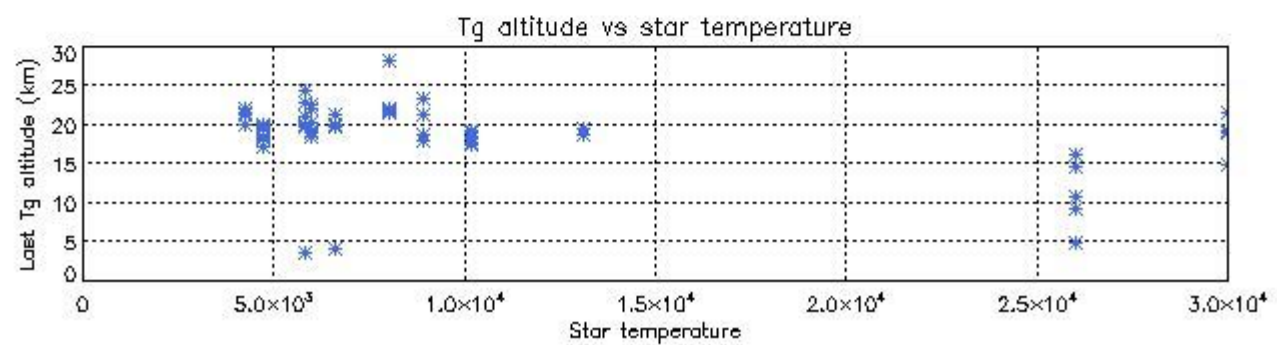
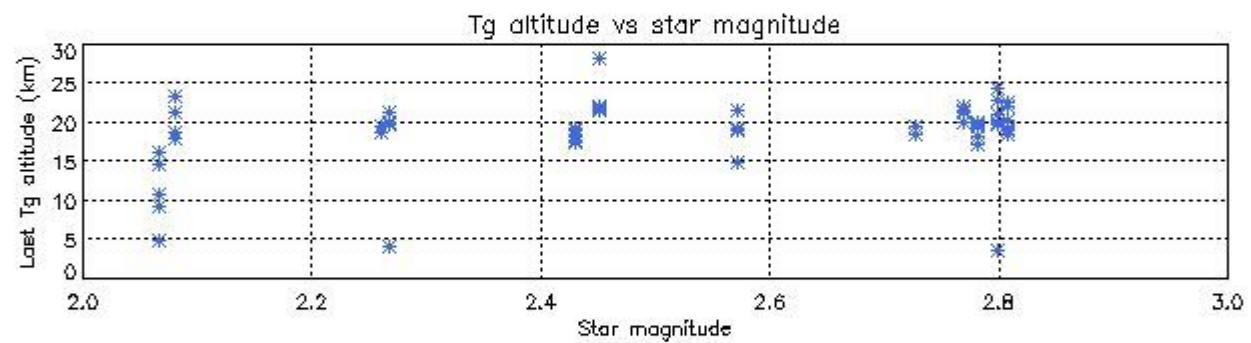
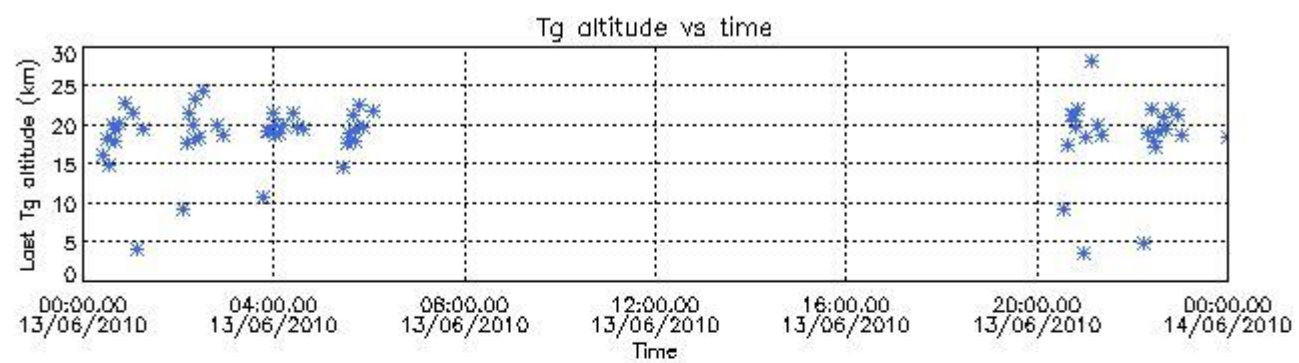
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



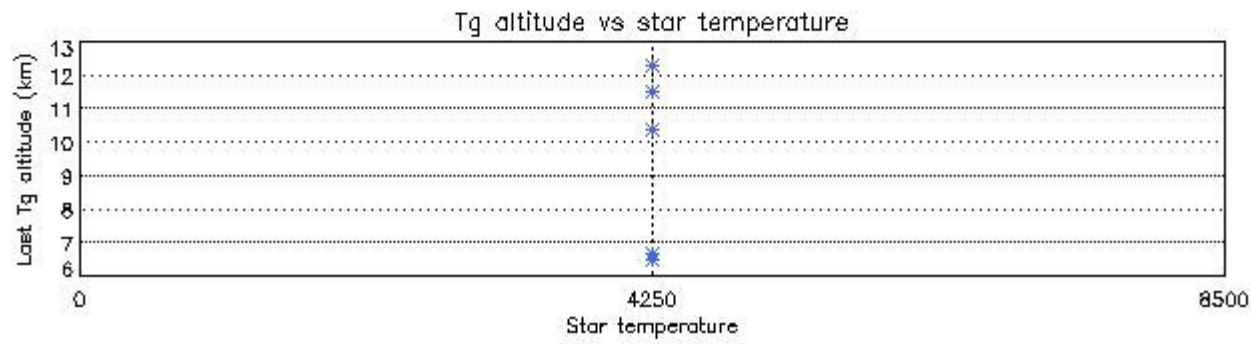
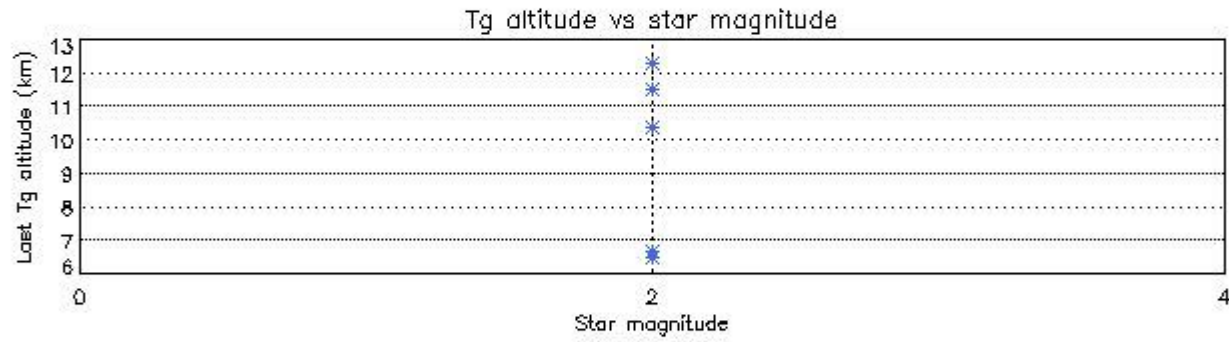
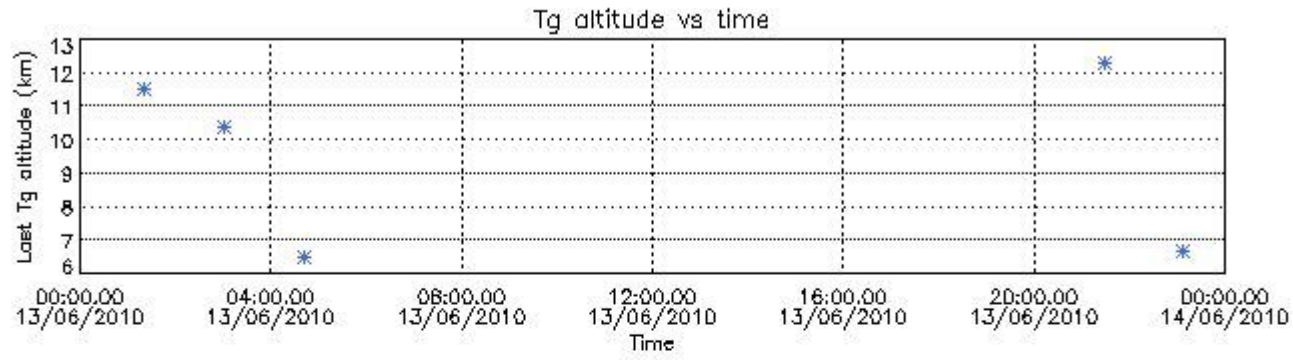
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

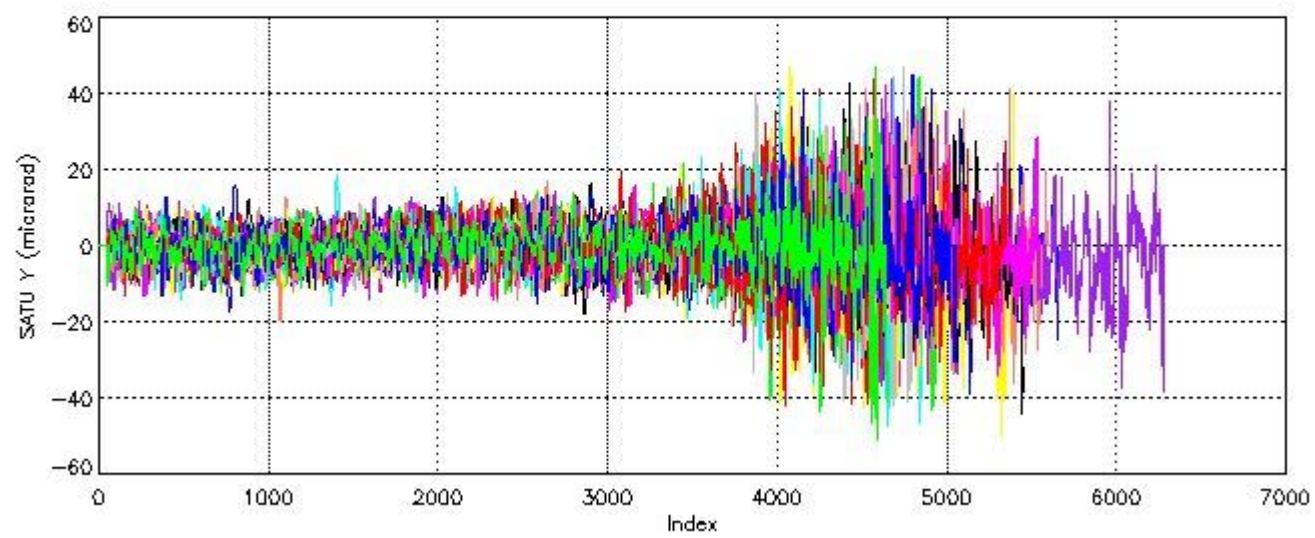
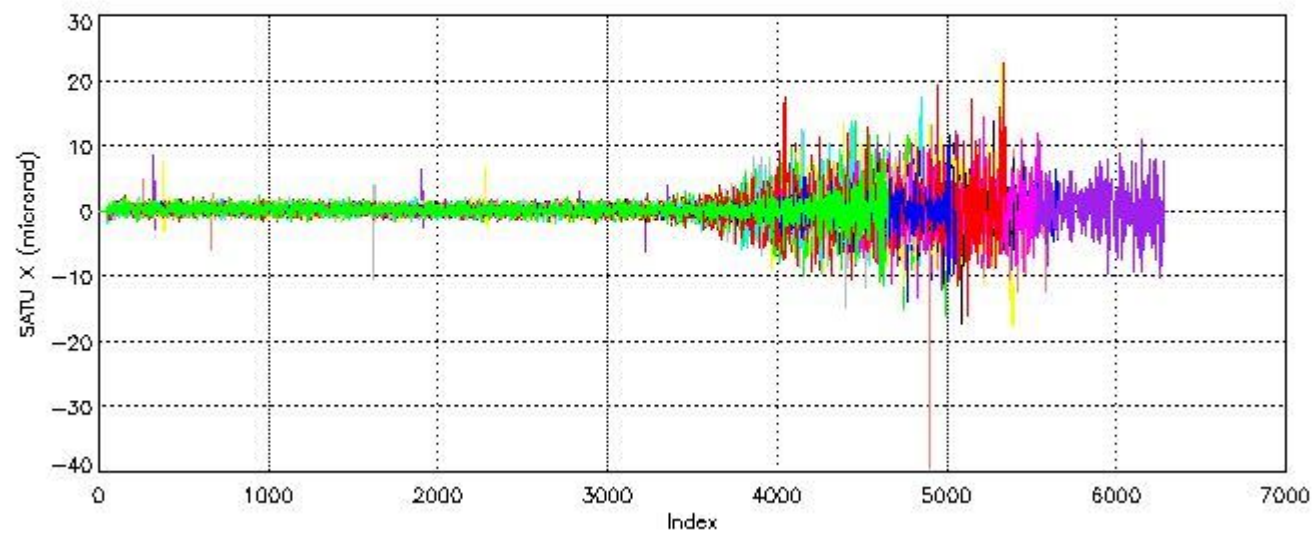


7. Star Acquisition and Tracking Unit (SATU)

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:	0.26381	-0.67740	0.23168	-0.66133
St. deviation:	0.40251	3.8356	0.80207	3.5578
Maximum:	8.5000	15.900	4.2000	17.000
Minimum:	-5.8000	-19.900	-3.9000	-22.300

Number of data:	24800.	24800.	64700.	64700.
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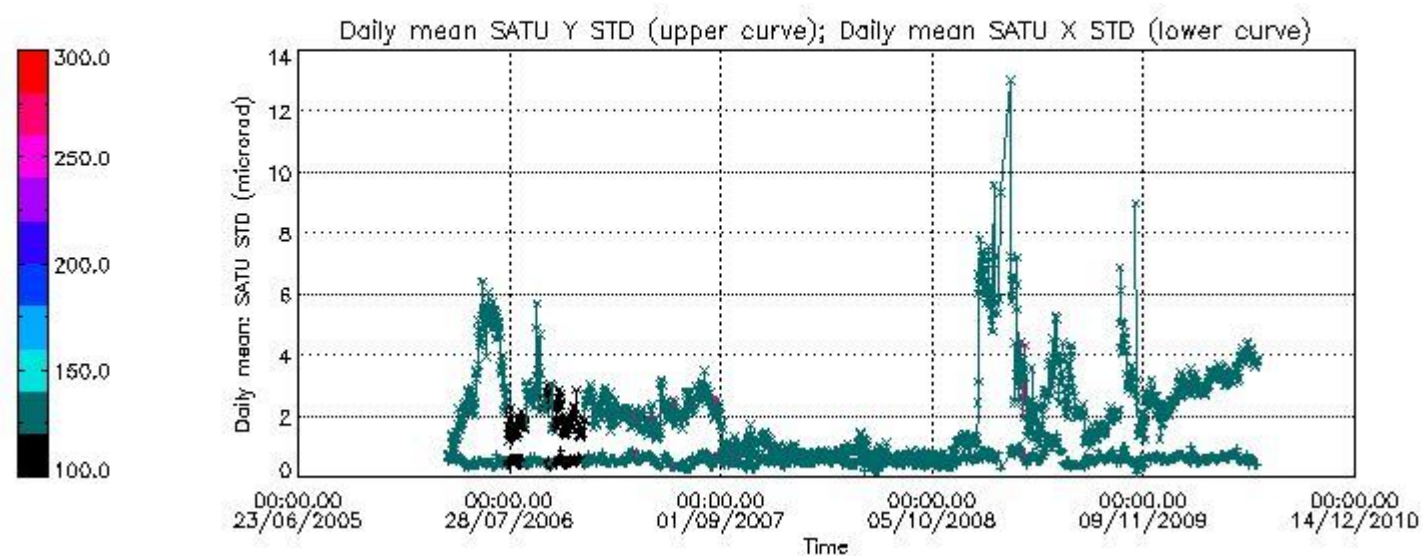
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

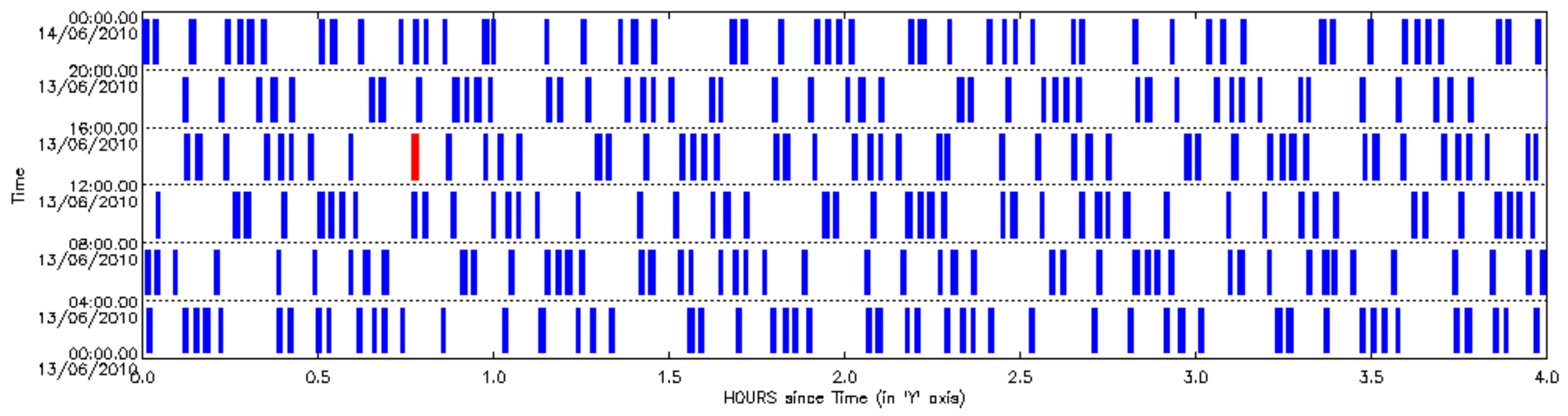
Lower curve: STD of SATU X axis

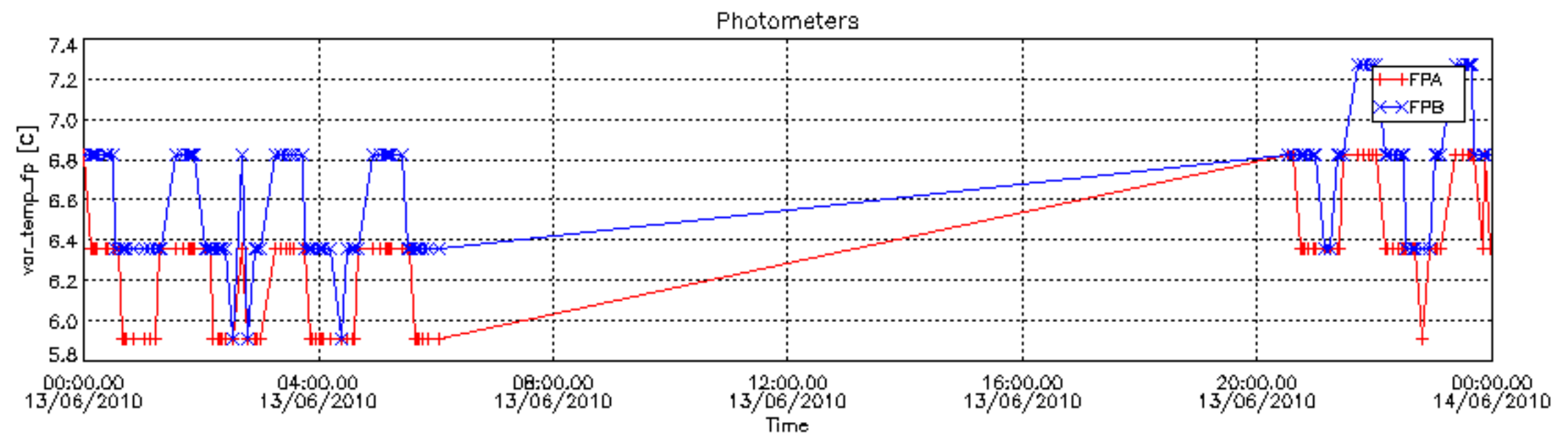
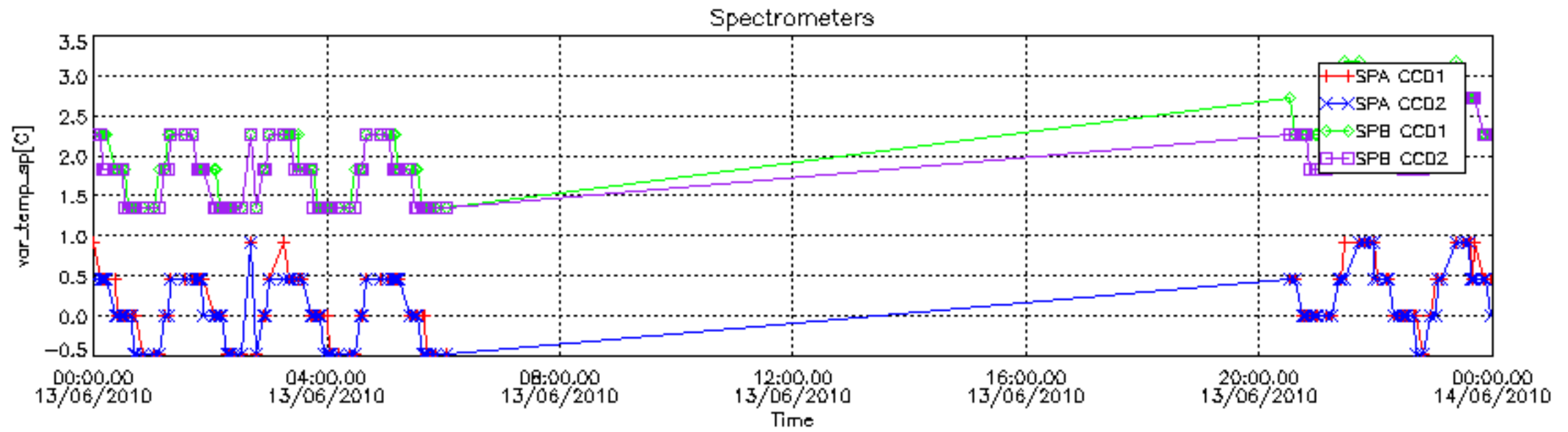


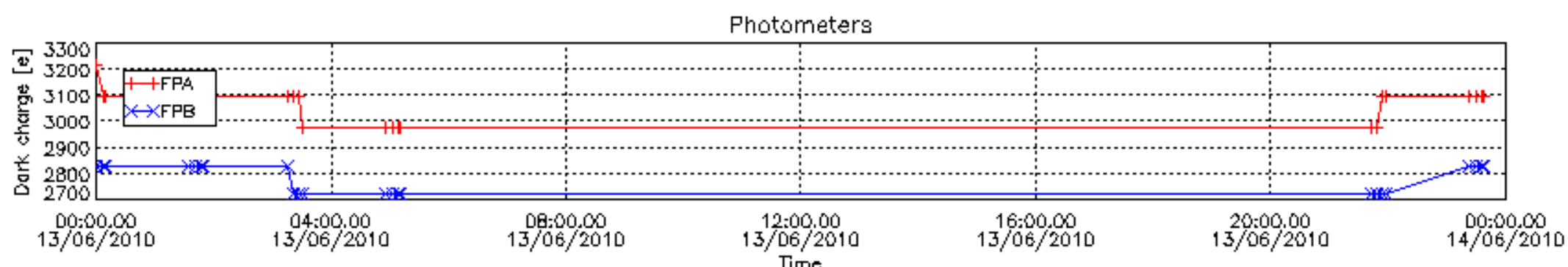
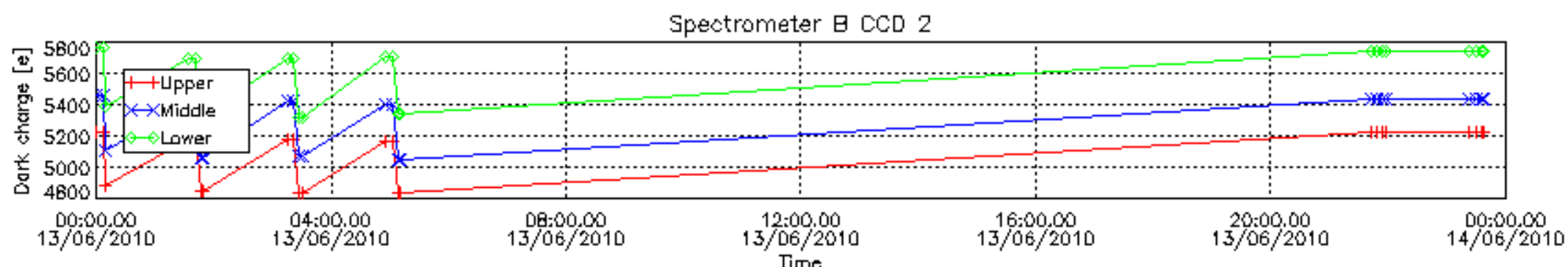
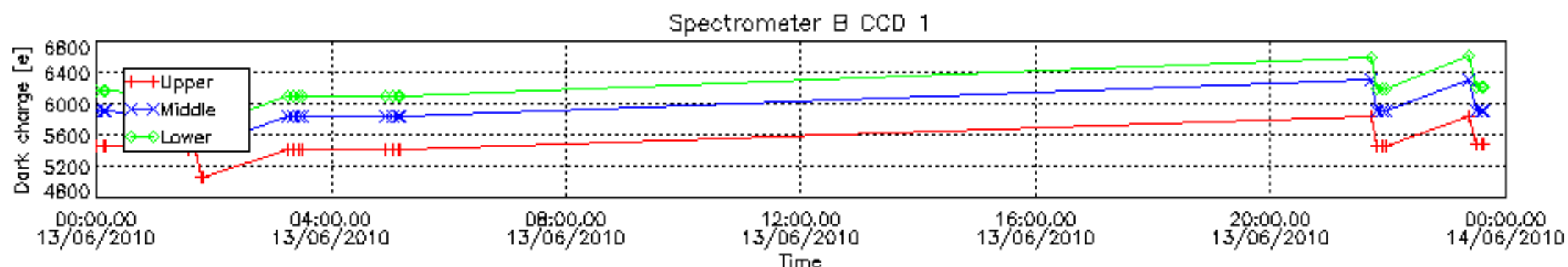
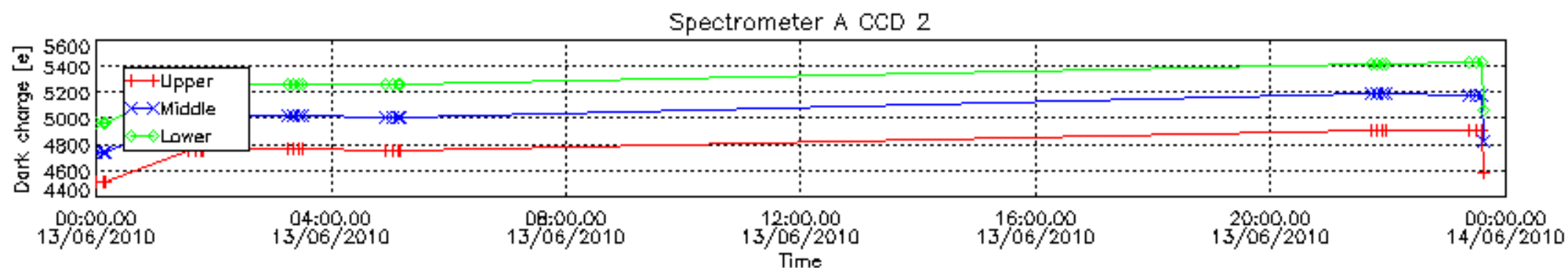
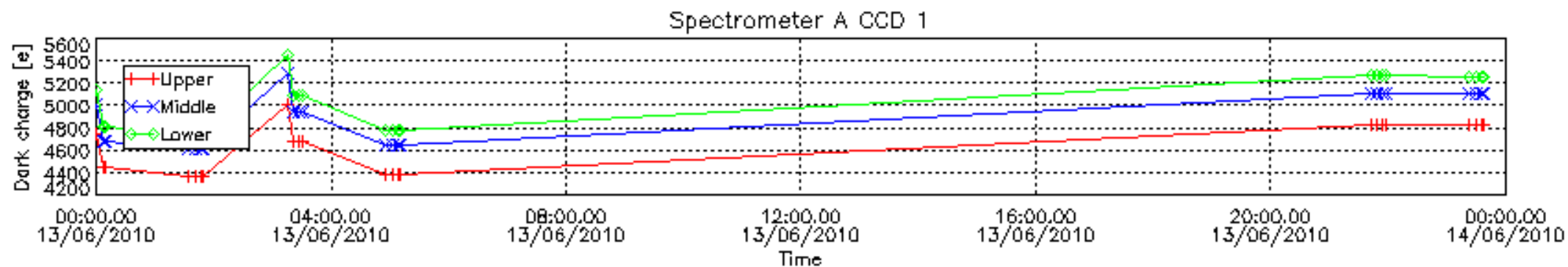
8. Auxiliary Data Files used for the production reported in section 2.4

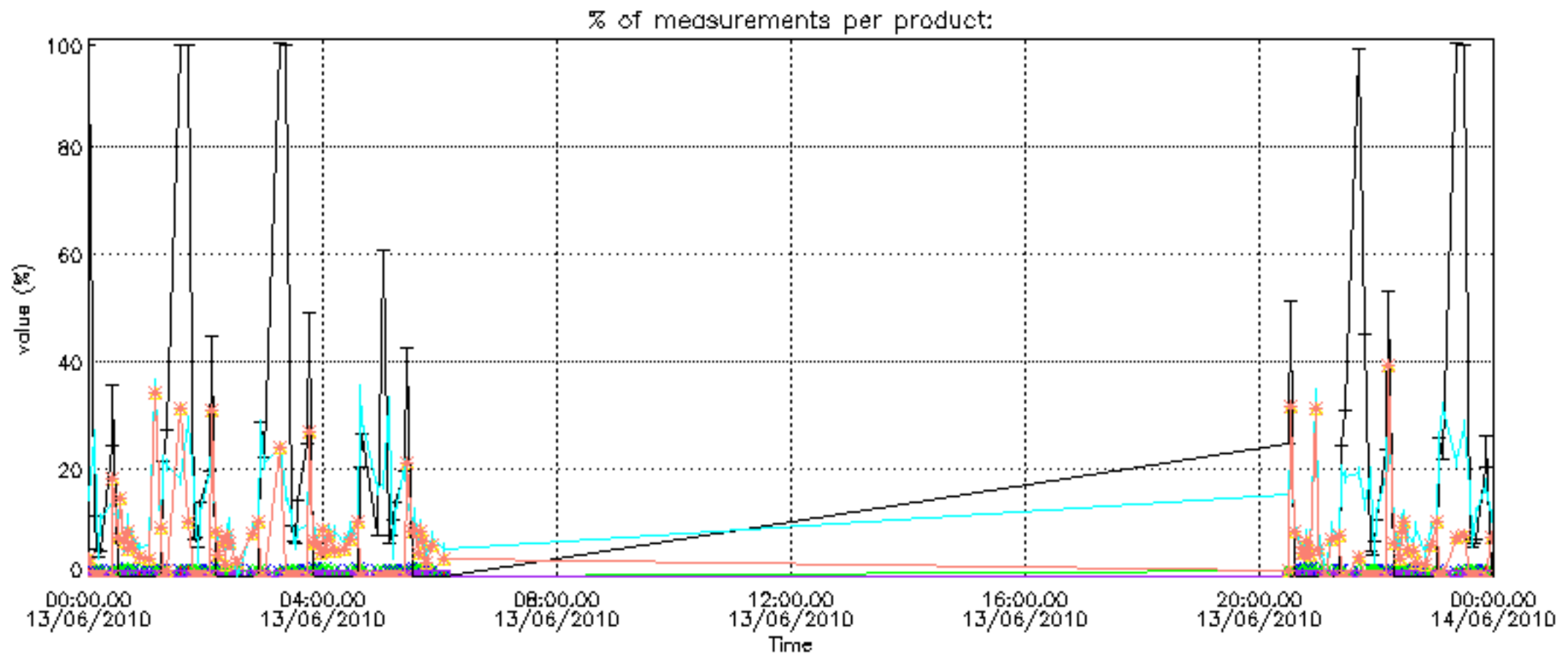
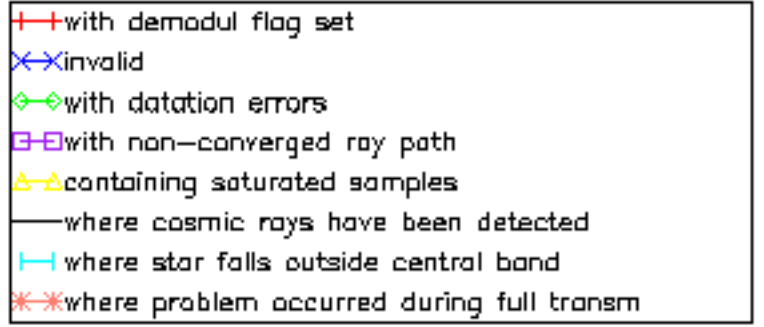
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JUN-2010 00:00:41
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100609_081029_20100607_000000_20500101_000000	1	13-JUN-2010 00:00:41
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	13-JUN-2010 00:00:41
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	13-JUN-2010 00:00:41
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	13-JUN-2010 00:00:41
ECMWF_FILE	AUX_ECF_AXNECM20100612_054114_20100612_210000_20100613_090000	1	13-JUN-2010 00:00:41
ECMWF_FILE	AUX_ECF_AXNECM20100612_172114_20100613_030000_20100613_150000	56	13-JUN-2010 04:28:58
ECMWF_FILE	AUX_ECF_AXNECM20100613_052113_20100613_150000_20100614_030000	76	13-JUN-2010 20:30:15
ECMWF_FILE	AUX_ECF_AXNECM20100613_054114_20100613_210000_20100614_090000	90	13-JUN-2010 21:42:18
OPTIONAL_ECMWF_FILE	MISSING	1	13-JUN-2010 00:00:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100612_234509_000057382090_00173_43313_0539.N1	1	13-JUN-2010 00:00:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100613_012606_000041442090_00174_43314_0540.N1	20	13-JUN-2010 01:34:55
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100613_024029_000057382090_00175_43315_0541.N1	35	13-JUN-2010 02:42:12
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100613_042126_000057382090_00176_43316_0542.N1	56	13-JUN-2010 04:28:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100613_202307_000041442090_00186_43326_0543.N1	76	13-JUN-2010 20:30:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100613_213730_000057382090_00186_43326_0544.N1	90	13-JUN-2010 21:42:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100613_231827_000057382090_00187_43327_0545.N1	110	13-JUN-2010 23:22:55

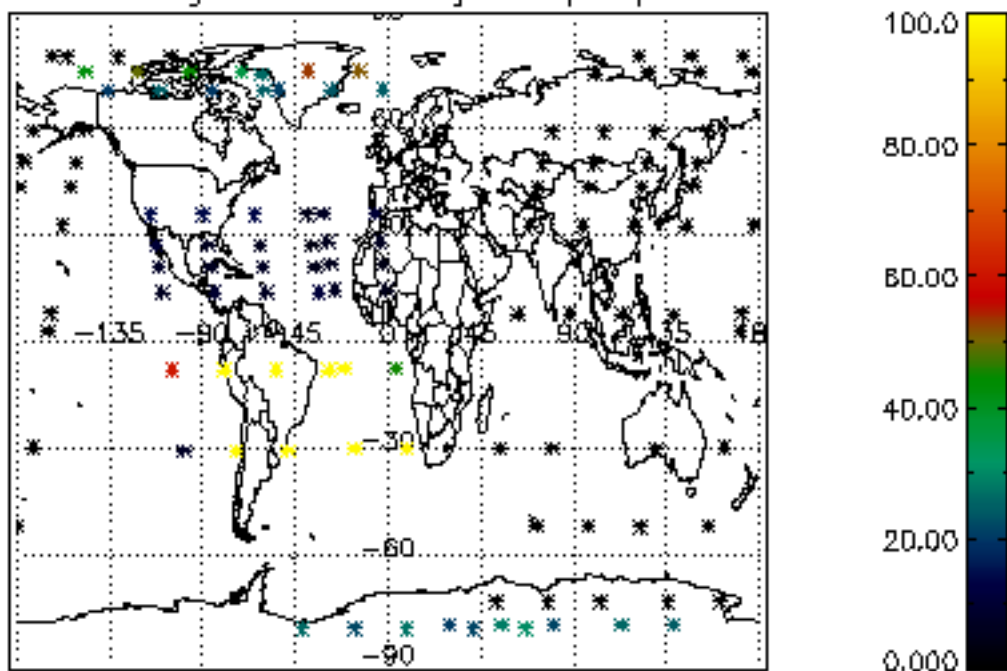




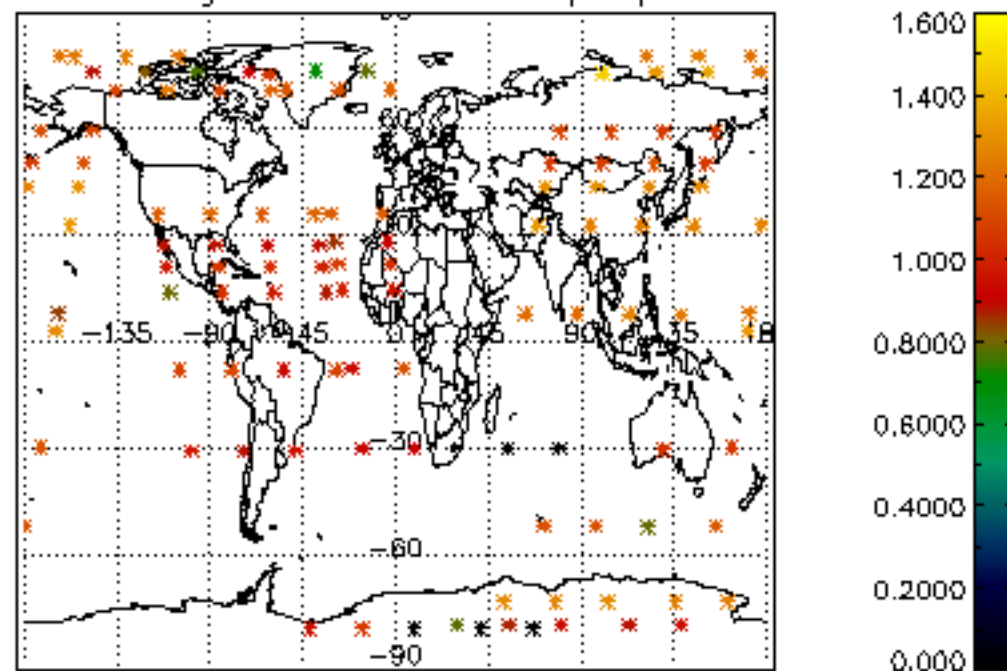




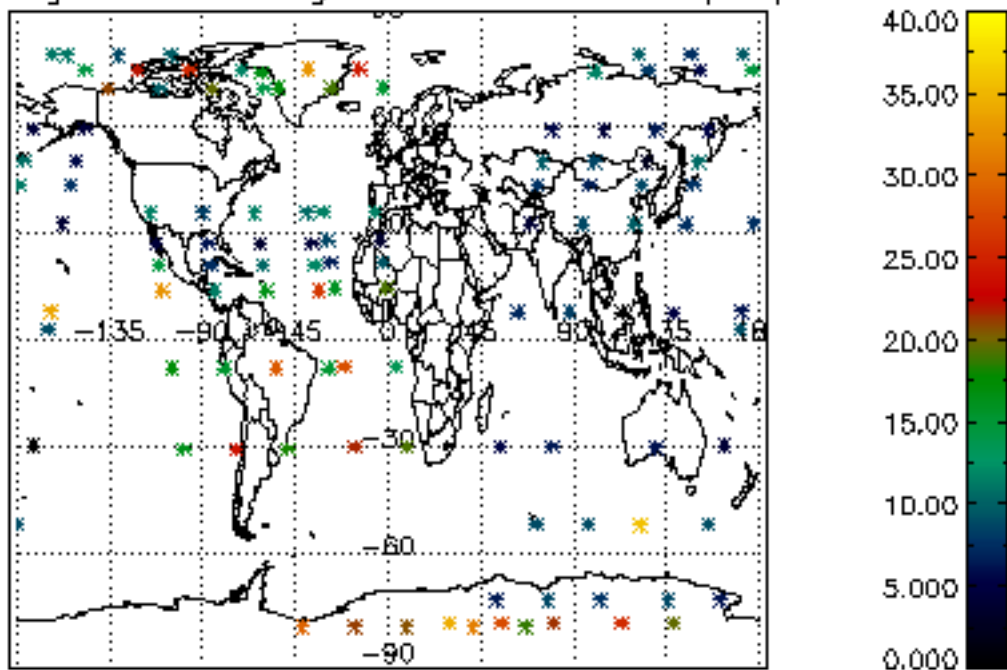
Percentage of cosmic ray hits per profile



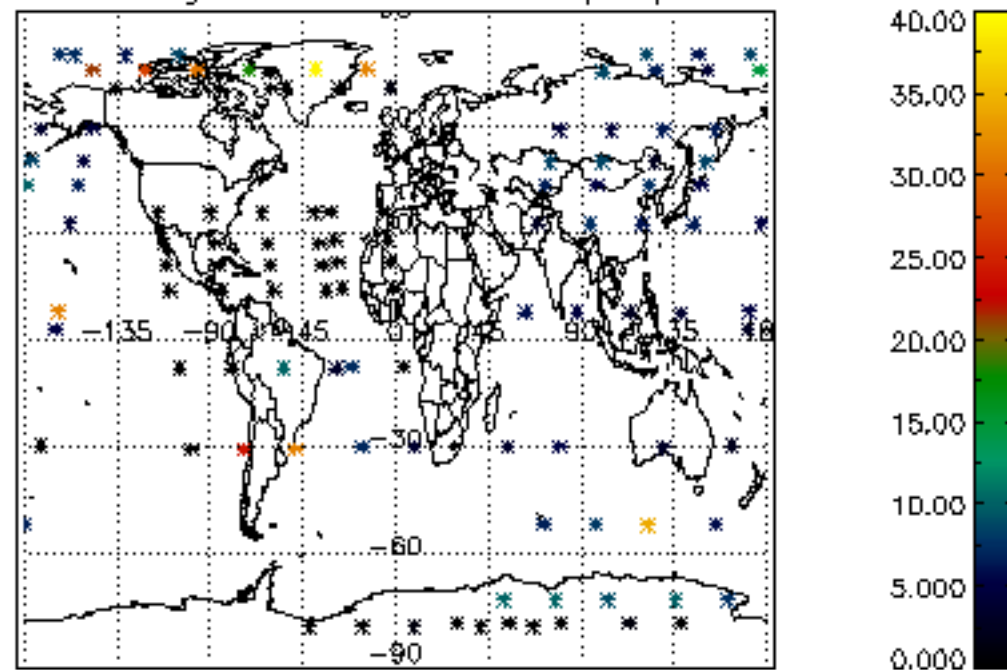
Percentage of datation errors per profile



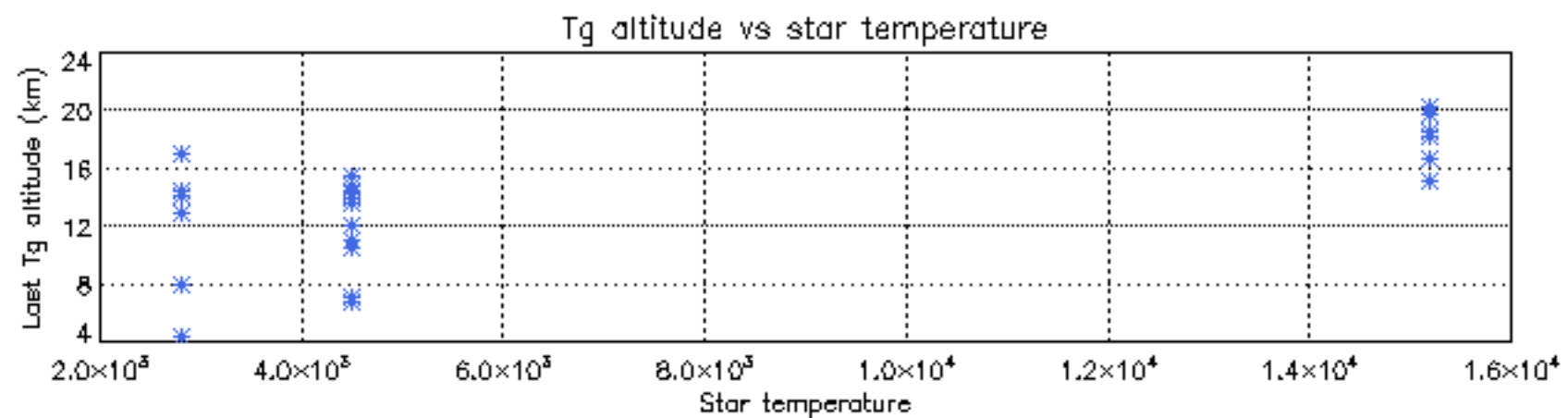
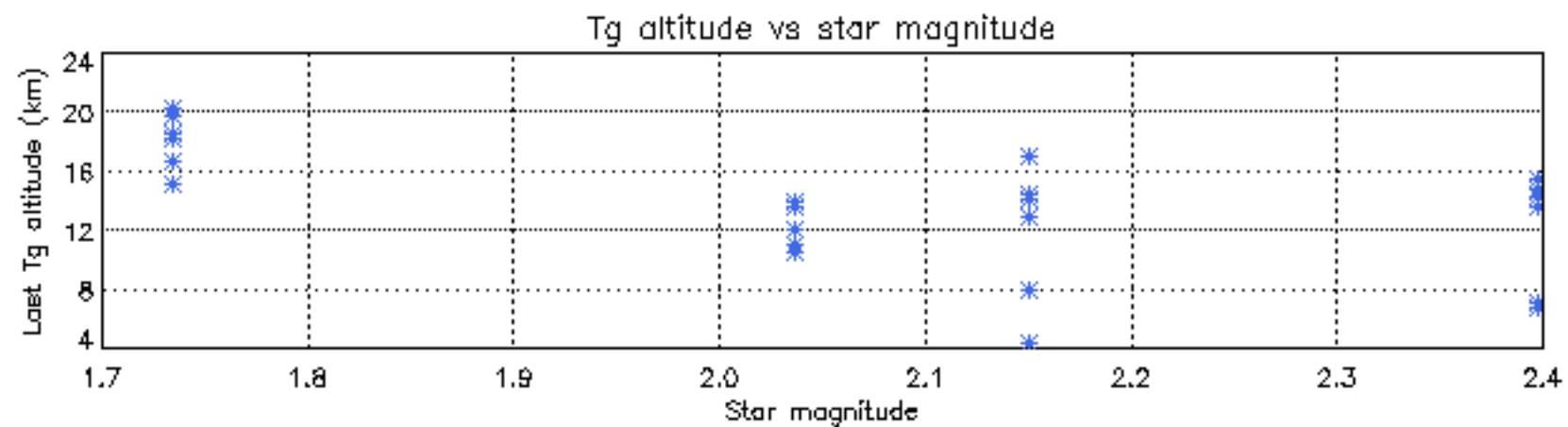
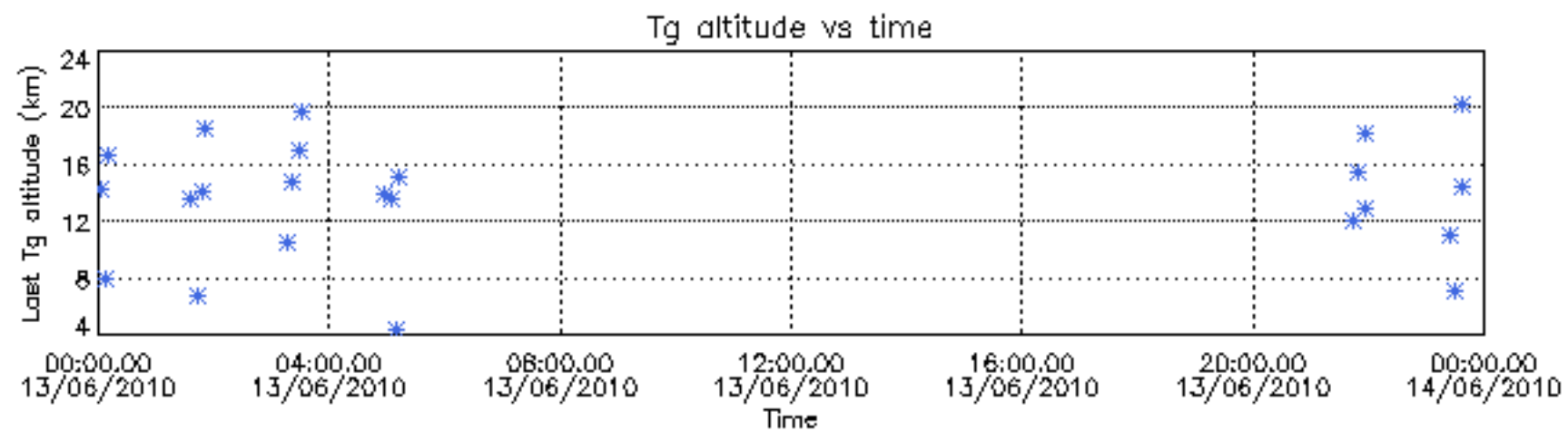
Percentage of star falling outside central band per profile



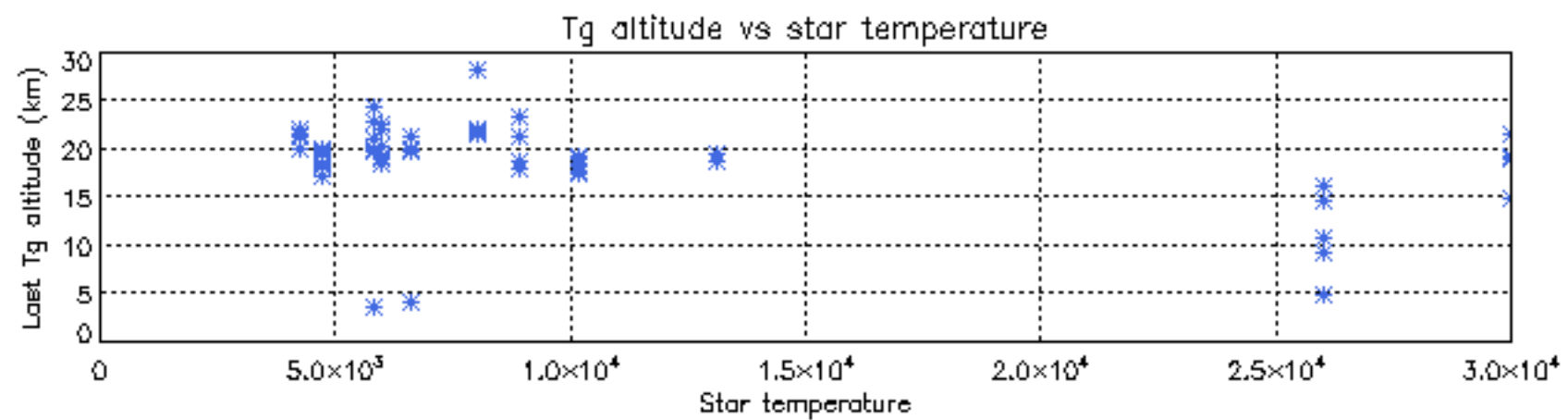
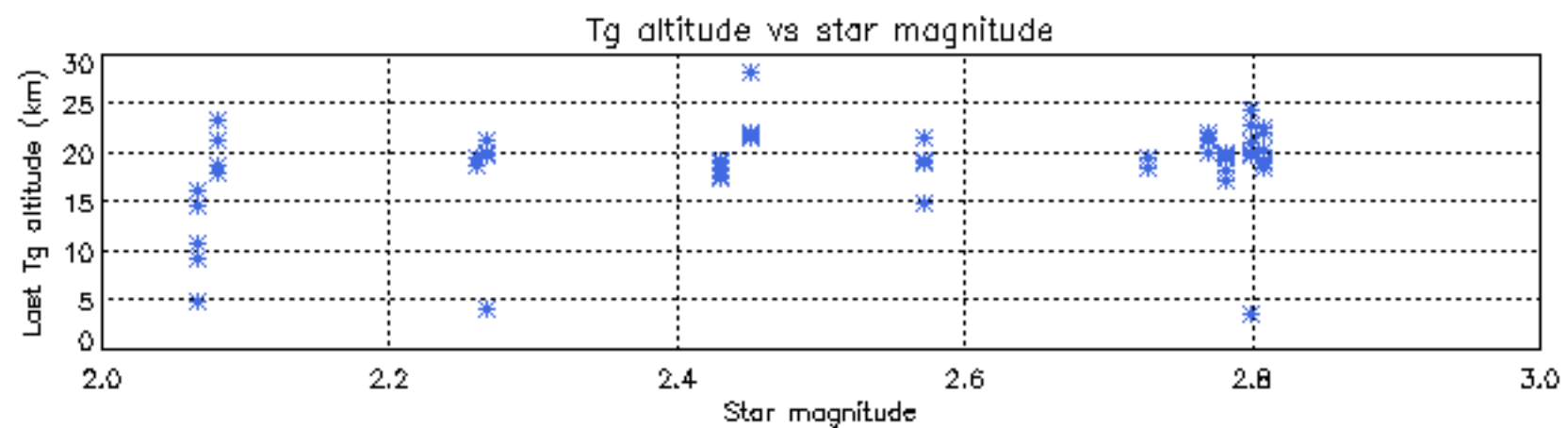
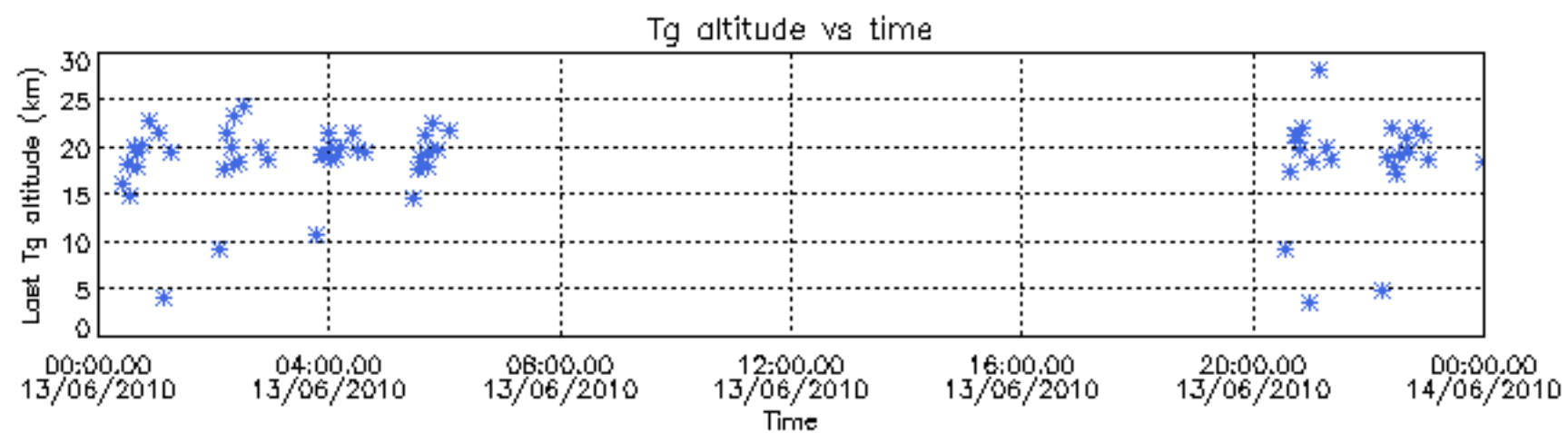
Percentage of saturation errors per profile



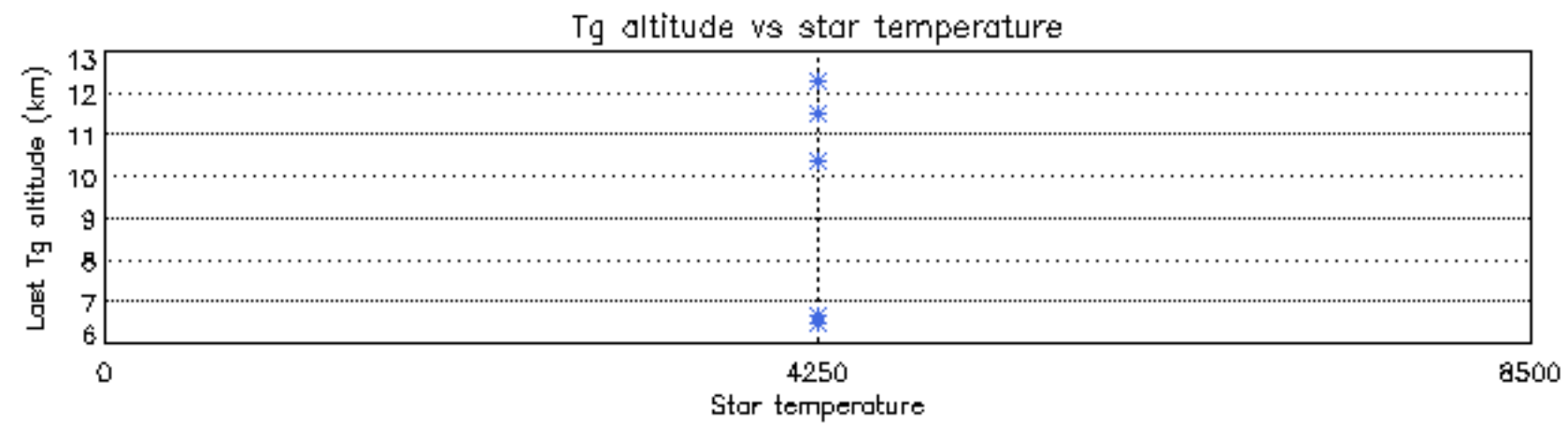
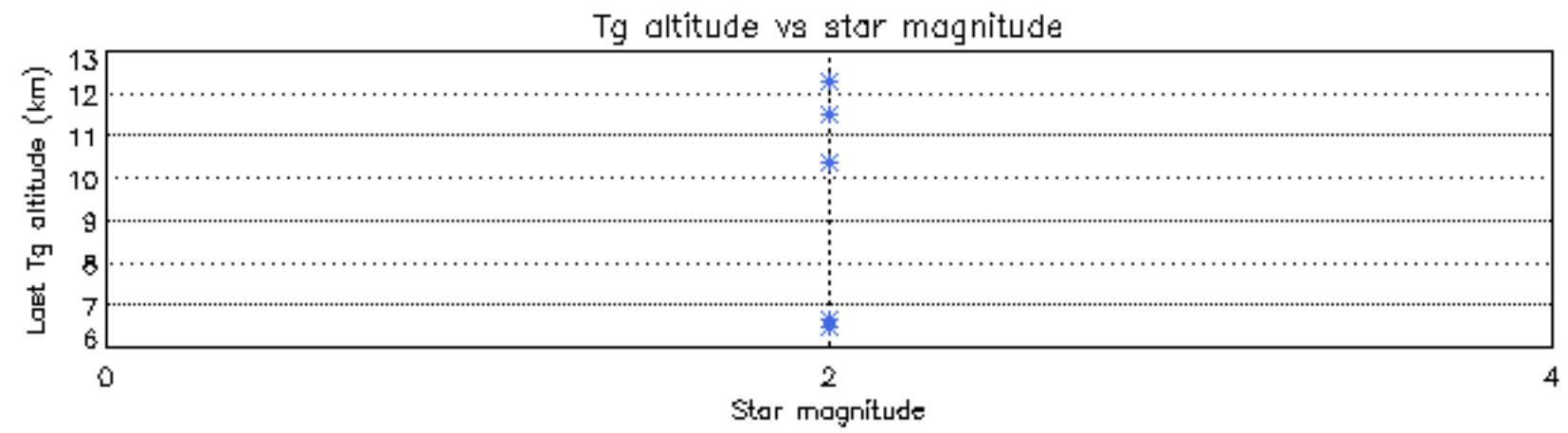
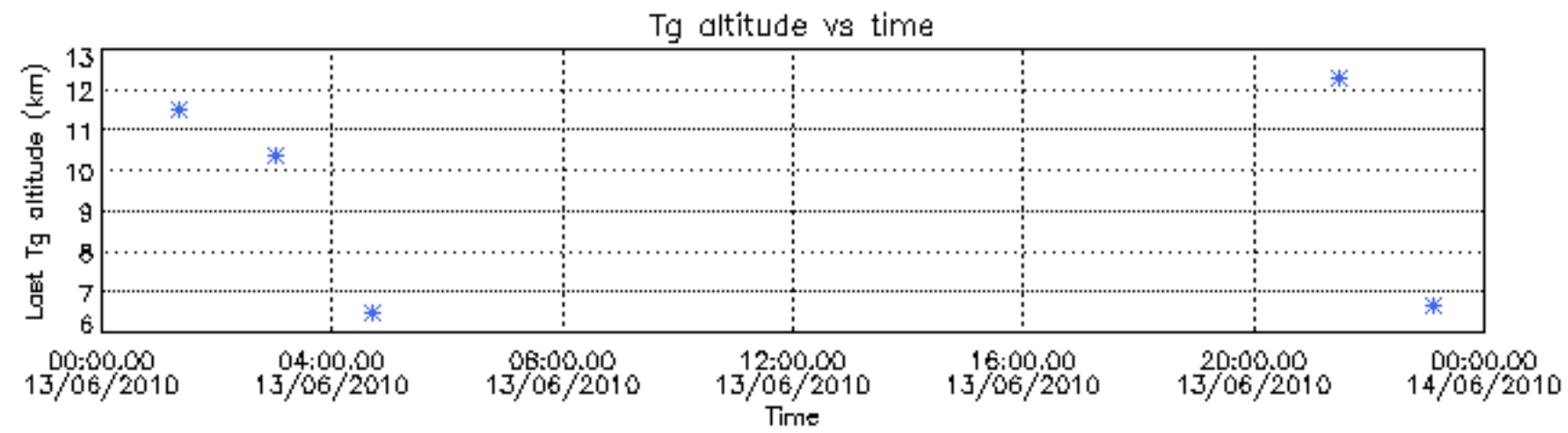
Tangent altitude at which the star is lost

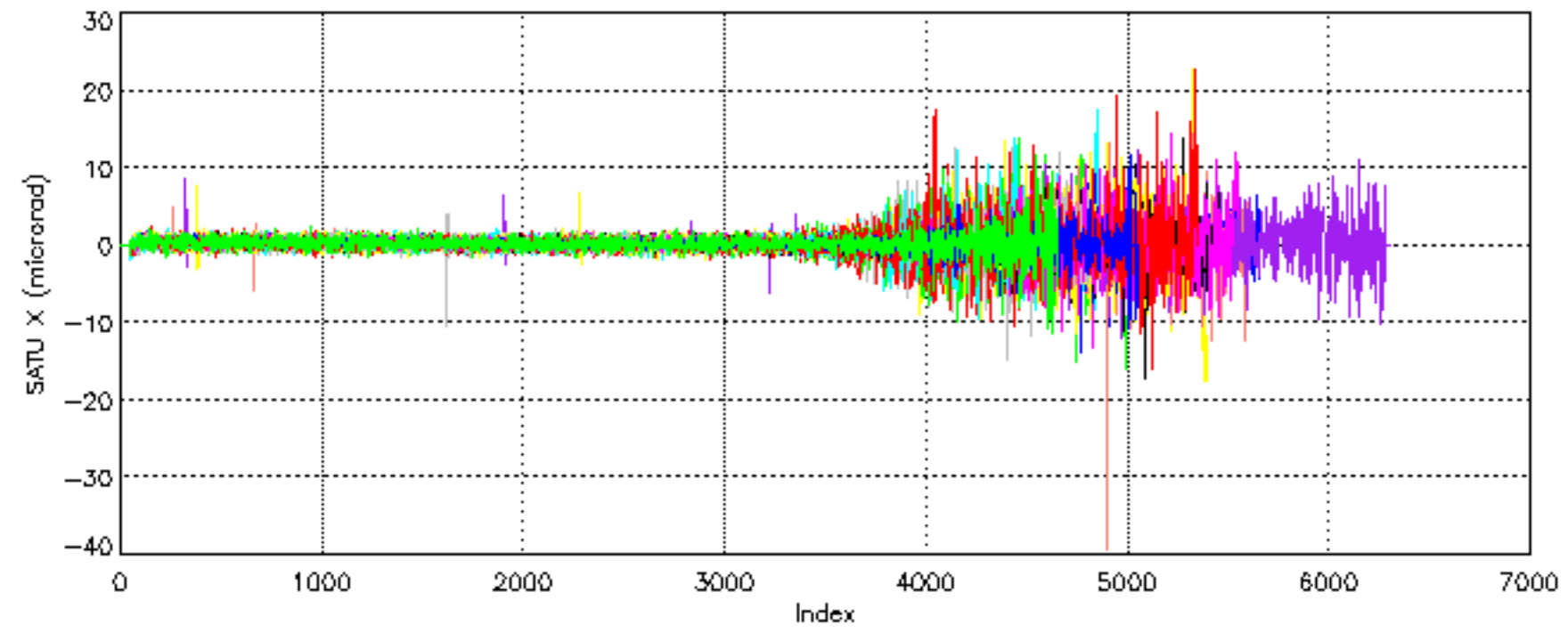


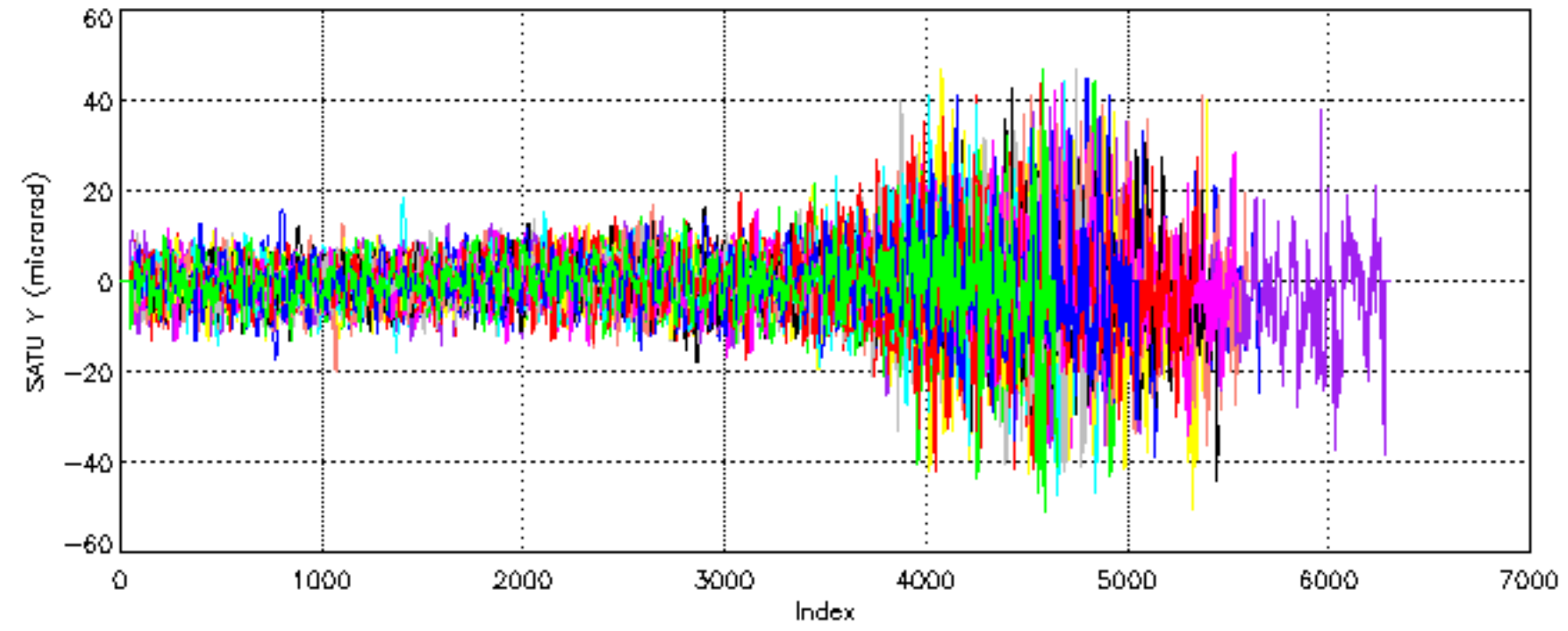
Tangent altitude at which the star is lost

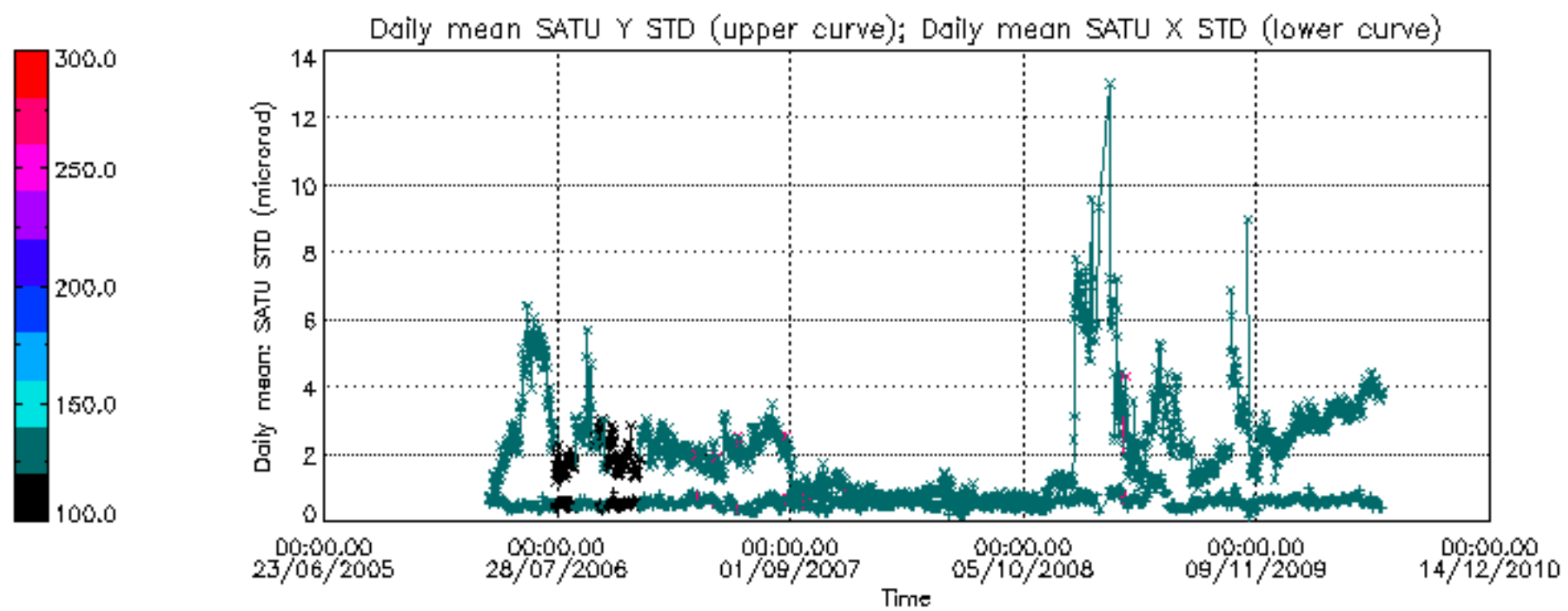


Tangent altitude at which the star is lost









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 22; 6693.4; 19-JUN-2010 18:51:57; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;43411

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 17; 5384.1; 19-JUN-2010 20:10:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43411
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17; 3857.3; 20-JUN-2010 00:47:05; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;43414
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19; 4064.2; 20-JUN-2010 00:50:32; Bright; 34.0; 160; 23Gam Per ; 2.93; 4700;occ; 68; 0;43414
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22; 4633.8; 20-JUN-2010 01:00:02; Dark ; 48.5; 50; 13Alp Ari ; 2.01; 4250;occ; 97; 0;43414
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33; 8178.9; 20-JUN-2010 03:39:43; Bright; 40.0; 59; 55Alp Oph ; 2.08; 8900;occ; 80; 0;43416
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 22; 3431.9; 22-JUN-2010 06:19:09; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43446

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 22; 7489.9; 22-JUN-2010 09:07:23; Bright; 52.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 104; 0;43448
 23; 7661.1; 22-JUN-2010 09:10:14; Bright; 37.5; 86; 35Eta Oph ; 2.43; 10200;occ; 75; 0;43448

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 8; 3934.8; 22-JUN-2010 09:48:44; Bright; 43.5; 68; 18Alp Cas ; 2.22; 4500;occ; 87; 0;43448
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 13; 5406.8; 22-JUN-2010 10:13:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43448
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 15; 6012.4; 22-JUN-2010 10:23:22; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;43448
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 8; 3934.4; 22-JUN-2010 11:29:20; Bright; 46.0; 68; 18Alp Cas ; 2.22; 4500;occ; 92; 0;43449
 9; 4064.6; 22-JUN-2010 11:31:30; Bright; 37.0; 160; 23Gam Per ; 2.93; 4700;occ; 74; 0;43449

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18; 6715.6; 22-JUN-2010 12:15:41; Dark ; 45.5; 45; Alp Pav ; 1.94; 26000;occ; 91; 0;43450
19; 7273.4; 22-JUN-2010 12:24:59; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;43450
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12; 4414.3; 22-JUN-2010 13:17:55; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43450
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10; 3425.6; 22-JUN-2010 21:24:26; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 0;43455
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13; 4064.9; 22-JUN-2010 21:35:06; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43455
14; 4270.1; 22-JUN-2010 21:38:31; Bright; 55.0; 73; 57Gam1And ; 2.26; 13100;occ; 110; 0;43455
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 27; 7276.4; 23-JUN-2010 03:30:25; Dark ; 46.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 93; 0;43459
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 29; 7492.4; 23-JUN-2010 03:34:01; Bright; 48.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 97; 0;43459
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 31; 8169.8; 23-JUN-2010 03:45:18; Bright; 41.5; 59; 55Alp Oph ; 2.08; 8900;occ; 83; 0;43459
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 34; 8869.6; 23-JUN-2010 03:56:58; Bright; 28.0; 130; 23Bet Dra ; 2.80; 5800;occ; 56; 0;43459

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 11; 496.6; 23-JUN-2010 06:39:13; Dark ; 53.5; 31; Alp Gru ; 1.73; 15200;occ; 107; 0;43461
 12; 685.8; 23-JUN-2010 06:42:22; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43461
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 15; 1456.9; 23-JUN-2010 06:55:13; Bright; 52.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 104; 0;43461
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 19; 2718.4; 23-JUN-2010 07:16:15; Bright; 48.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 97; 0;43461
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 13; 1241.5; 23-JUN-2010 08:32:14; Dark ; 47.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 95; 0;43462
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17; 5419.4; 23-JUN-2010 18:04:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43467
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13; 4270.3; 23-JUN-2010 21:06:54; Bright; 44.5; 73; 57Gam1And ; 2.26; 13100;occ; 89; 0;43469
14; 4415.6; 23-JUN-2010 21:09:19; Dark ; 44.5; 173; 4Bet Tri ; 3.00; 8900;occ; 89; 0;43469
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8; 1459.2; 23-JUN-2010 23:41:15; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43471
9; 1988.1; 23-JUN-2010 23:50:04; Bright; 39.5; 126; 60Bet Oph ; 2.77; 4250;occ; 79; 0;43471
10; 2132.4; 23-JUN-2010 23:52:28; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43471
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15; 3834.2; 24-JUN-2010 00:20:50; Bright; 67.0; 74; 11Bet Cas ; 2.27; 6600;occ; 134; 0;43471
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13; 2830.4; 24-JUN-2010 01:44:42; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;43472
14; 3414.0; 24-JUN-2010 01:54:25; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;43472
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 4; 508.0; 24-JUN-2010 02:46:35; Dark ; 54.0; 31; Alp Gru ; 1.73; 15200;occ; 108; 0;43473
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12; 2710.0; 24-JUN-2010 03:23:17; Bright; 49.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 99; 0;43473
13; 2830.2; 24-JUN-2010 03:25:17; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;43473
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 4;-1765.9; 24-JUN-2010 03:49:17; Bright; 45.5; 73; 57Gam1And ; 2.26; 13100;occ; 91; 0;43473
 5;-1619.5; 24-JUN-2010 03:51:44; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43473
 6;-1387.1; 24-JUN-2010 03:55:36; Dark ; 55.0; 50; 13Alp Ari ; 2.01; 4250;occ; 110; 0;43473
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11; 509.0; 24-JUN-2010 04:27:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;43474
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15; 1459.9; 24-JUN-2010 04:43:03; Bright; 51.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 102; 0;43474
16; 1988.1; 24-JUN-2010 04:51:51; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43474
17; 2131.7; 24-JUN-2010 04:54:15; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43474
18; 2446.6; 24-JUN-2010 04:59:30; Bright; 37.0; 133; 40Zet Her ; 2.81; 6000;occ; 74; 0;43474
19; 2709.6; 24-JUN-2010 05:03:53; Bright; 49.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 98; 0;43474
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21; 3412.7; 24-JUN-2010 05:15:36; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43474

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 13; 1245.7; 24-JUN-2010 06:20:05; Dark ; 47.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 94; 0;43475
 14; 1330.4; 24-JUN-2010 06:21:30; Dark ; 48.0; 116; 19Del Sgr ; 2.70; 4100;occ; 96; 0;43475
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 16; 1987.9; 24-JUN-2010 06:32:27; Bright; 40.0; 126; 60Bet Oph ; 2.77; 4250;occ; 80; 0;43475
 17; 2131.6; 24-JUN-2010 06:34:51; Bright; 39.5; 59; 55Alp Oph ; 2.08; 8900;occ; 79; 0;43475
 18; 2446.4; 24-JUN-2010 06:40:06; Bright; 38.0; 133; 40Zet Her ; 2.81; 6000;occ; 76; 0;43475
 19; 2708.7; 24-JUN-2010 06:44:28; Bright; 49.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 99; 0;43475
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 21; 3411.8; 24-JUN-2010 06:56:11; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43475

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 6; 2703.6; 24-JUN-2010 20:09:10; Bright; 48.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 96; 0;43483
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 13; 4417.3; 24-JUN-2010 20:37:44; Dark ; 31.0; 53; 43Bet And ; 2.05; 3300;occ; 62; 0;43483
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17; 2130.0; 25-JUN-2010 04:22:36; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43488
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19; 2826.3; 25-JUN-2010 04:34:12; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;43488
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 11; 523.1; 25-JUN-2010 05:36:25; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43489
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 6; 1252.6; 25-JUN-2010 22:34:34; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;43499
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 7; 1336.7; 26-JUN-2010 00:16:34; Dark ; 53.0; 116; 19Del Sgr ; 2.70; 4100;occ; 106; 0;43500
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7;-1086.9; 26-JUN-2010 02:57:22; Dark ; 45.0; 94; 92Alp Cet ; 2.53; 3100;occ; 90; 0;43501
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