

GOMOS Daily Report 18-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	21JUN2010 04:50:56
Data source version	GOMOS/5.01
Start time of products	18JUN2010 00:03:19
Stop time of products	18JUN2010 23:50:59
Store outputs in DB	Yes
Nb of level 1b prods	124
Nb of prods with errors	0

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

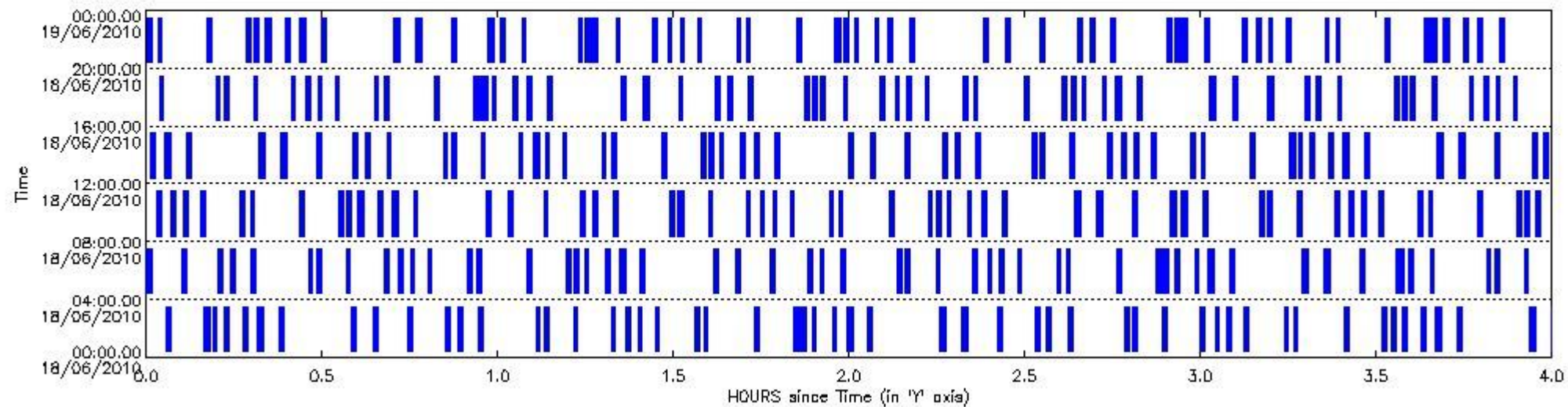
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

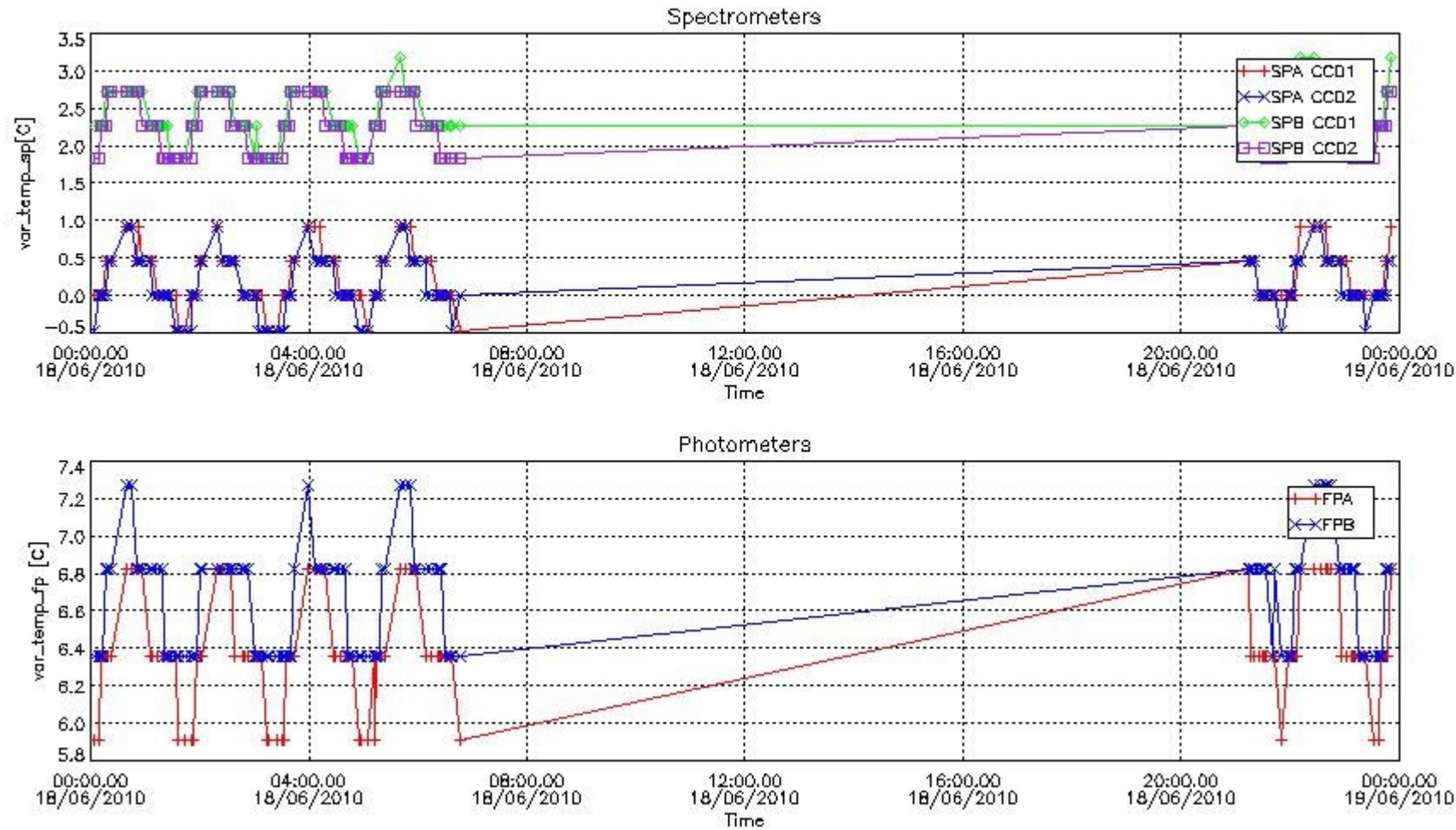
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100618_000319_000000482090_00245_43385_9880.N1	18-JUN-2010 00:03:19	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43385	No
2	GOM_TRA_1PNPDE20100618_000954_000000652090_00245_43385_9881.N1	18-JUN-2010 00:09:54	Bright	65.000	74	11Bet Cas	2.2680	6600.0	130	43385	No
3	GOM_TRA_1PNPDE20100618_001119_000000452090_00245_43385_9882.N1	18-JUN-2010 00:11:19	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	43385	No
4	GOM_TRA_1PNPDE20100618_001309_000000532090_00245_43385_9883.N1	18-JUN-2010 00:13:09	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	43385	No
5	GOM_TRA_1PNPDE20100618_001636_000000452090_00245_43385_9884.N1	18-JUN-2010 00:16:36	Bright	45.000	73	57Gam1And	2.2600	13100.	90	43385	No
6	GOM_TRA_1PNPDE20100618_001858_000000632090_00245_43385_9885.N1	18-JUN-2010 00:18:58	Twilight	63.000	53	43Bet And	2.0480	3300.0	126	43385	No
7	GOM_TRA_1PNPDE20100618_002233_000000522090_00245_43385_9886.N1	18-JUN-2010 00:22:33	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	43385	No
8	GOM_TRA_1PNPDE20100618_003839_000000542090_00245_43385_9890.N1	18-JUN-2010 00:38:39	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43385	No
9	GOM_TRA_1PNPDE20100618_004444_000000432090_00245_43385_9891.N1	18-JUN-2010 00:44:44	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	43385	No
10	GOM_TRA_1PNPDE20100618_005102_000000532090_00246_43386_9892.N1	18-JUN-2010 00:51:02	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43386	No
11	GOM_TRA_1PNPDE20100618_005305_000000492090_00246_43386_9893.N1	18-JUN-2010 00:53:05	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43386	No
12	GOM_TRA_1PNPDE20100618_005645_000000442090_00246_43386_9894.N1	18-JUN-2010 00:56:45	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	43386	No

13	GOM_TRA_1PNPDE20100618_010628_000000432090_00246_43386_9895.N1	18-JUN-2010 01:06:28	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	43386	No
14	GOM_TRA_1PNPDE20100618_010752_000000472090_00246_43386_9896.N1	18-JUN-2010 01:07:52	Twilight	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43386	No
15	GOM_TRA_1PNPDE20100618_011259_000000392090_00246_43386_9897.N1	18-JUN-2010 01:12:59	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	43386	No
16	GOM_TRA_1PNPDE20100618_011923_000000432090_00246_43386_9898.N1	18-JUN-2010 01:19:23	Bright	42.500	126	60Bet Oph	2.7700	4250.0	85	43386	No
17	GOM_TRA_1PNPDE20100618_012152_000000412090_00246_43386_9899.N1	18-JUN-2010 01:21:52	Bright	40.500	59	55Alp Oph	2.0800	8900.0	81	43386	No
18	GOM_TRA_1PNPDE20100618_012356_000000362090_00246_43386_9900.N1	18-JUN-2010 01:23:56	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	43386	No
19	GOM_TRA_1PNPDE20100618_012656_000000372090_00246_43386_9901.N1	18-JUN-2010 01:26:56	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	43386	No
20	GOM_TRA_1PNPDE20100618_013339_000000412090_00246_43386_9902.N1	18-JUN-2010 01:33:39	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	43386	No
21	GOM_TRA_1PNPDE20100618_013520_000000342090_00246_43386_9903.N1	18-JUN-2010 01:35:20	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	43386	No
22	GOM_TRA_1PNPDE20100618_014355_000000492090_00246_43386_9904.N1	18-JUN-2010 01:43:55	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43386	No
23	GOM_TRA_1PNPDE20100618_015030_000000652090_00246_43386_9905.N1	18-JUN-2010 01:50:30	Bright	65.000	74	11Bet Cas	2.2680	6600.0	130	43386	No
24	GOM_TRA_1PNPDE20100618_015155_000000452090_00246_43386_9906.N1	18-JUN-2010 01:51:55	Bright	44.500	68	18Alp Cas	2.2250	4500.0	89	43386	No
25	GOM_TRA_1PNPDE20100618_015345_000000362090_00246_43386_9907.N1	18-JUN-2010 01:53:45	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	43386	No
26	GOM_TRA_1PNPDE20100618_015712_000000422090_00246_43386_9908.N1	18-JUN-2010 01:57:12	Bright	41.500	73	57Gam1And	2.2600	13100.	83	43386	No
27	GOM_TRA_1PNPDE20100618_015934_000000612090_00246_43386_9909.N1	18-JUN-2010 01:59:34	Twilight	61.000	53	43Bet And	2.0480	3300.0	122	43386	No
28	GOM_TRA_1PNPDE20100618_020309_000000492090_00246_43386_9910.N1	18-JUN-2010 02:03:09	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	43386	No
29	GOM_TRA_1PNPDE20100618_021915_000000572090_00246_43386_9913.N1	18-JUN-2010 02:19:15	Dark	57.000	52	16Bet Cet	2.0370	4500.0	114	43386	No
30	GOM_TRA_1PNPDE20100618_022521_000000512090_00246_43386_9914.N1	18-JUN-2010 02:25:21	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43386	No
31	GOM_TRA_1PNPDE20100618_023139_000000532090_00247_43387_9915.N1	18-JUN-2010 02:31:39	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43387	No
32	GOM_TRA_1PNPDE20100618_023342_000000502090_00247_43387_9916.N1	18-JUN-2010 02:33:42	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43387	No
33	GOM_TRA_1PNPDE20100618_023721_000000442090_00247_43387_9917.N1	18-JUN-2010 02:37:21	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43387	No
34	GOM_TRA_1PNPDE20100618_024704_000000452090_00247_43387_9918.N1	18-JUN-2010 02:47:04	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43387	No
35	GOM_TRA_1PNPDE20100618_024828_000000472090_00247_43387_9919.N1	18-JUN-2010 02:48:28	Twilight	47.000	167	10Gam2Sgr	2.9840	4500.0	94	43387	No
36	GOM_TRA_1PNPDE20100618_025335_000000392090_00247_43387_9920.N1	18-JUN-2010 02:53:35	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	43387	No
37	GOM_TRA_1PNPDE20100618_025959_000000432090_00247_43387_9921.N1	18-JUN-2010 02:59:59	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	43387	No
38	GOM_TRA_1PNPDE20100618_030228_000000422090_00247_43387_9922.N1	18-JUN-2010 03:02:28	Bright	41.500	59	55Alp Oph	2.0800	8900.0	83	43387	No
39	GOM_TRA_1PNPDE20100618_030432_000000362090_00247_43387_9923.N1	18-JUN-2010 03:04:32	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	43387	No
40	GOM_TRA_1PNPDE20100618_030732_000000392090_00247_43387_9924.N1	18-JUN-2010 03:07:32	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	43387	No
41	GOM_TRA_1PNPDE20100618_031414_000000402090_00247_43387_9925.N1	18-JUN-2010 03:14:14	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	43387	No
42	GOM_TRA_1PNPDE20100618_031556_000000342090_00247_43387_9926.N1	18-JUN-2010 03:15:56	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	43387	No
43	GOM_TRA_1PNPDE20100618_032430_000000482090_00247_43387_9927.N1	18-JUN-2010 03:24:30	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43387	No
44	GOM_TRA_1PNPDE20100618_033105_000000432090_00247_43387_9939.N1	18-JUN-2010 03:31:05	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	43387	No
45	GOM_TRA_1PNPDE20100618_033231_000000602090_00247_43387_9940.N1	18-JUN-2010 03:32:31	Bright	59.500	68	18Alp Cas	2.2250	4500.0	119	43387	No
46	GOM_TRA_1PNPDE20100618_033421_000000532090_00247_43387_9941.N1	18-JUN-2010 03:34:21	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	43387	No
47	GOM_TRA_1PNPDE20100618_033748_000000422090_00247_43387_9942.N1	18-JUN-2010 03:37:48	Bright	42.000	73	57Gam1And	2.2600	13100.	84	43387	No
48	GOM_TRA_1PNPDE20100618_034011_000000612090_00247_43387_9943.N1	18-JUN-2010 03:40:11	Twilight	61.000	53	43Bet And	2.0480	3300.0	122	43387	No
49	GOM_TRA_1PNPDE20100618_034345_000000542090_00247_43387_9944.N1	18-JUN-2010 03:43:45	Twilight	53.500	50	13Alp Ari	2.0070	4250.0	107	43387	No
50	GOM_TRA_1PNPDE20100618_035953_000000662090_00247_43387_9945.N1	18-JUN-2010 03:59:53	Dark	66.000	52	16Bet Cet	2.0370	4500.0	132	43387	No
51	GOM_TRA_1PNPDE20100618_040558_000000492090_00247_43387_9946.N1	18-JUN-2010 04:05:58	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	43387	No
52	GOM_TRA_1PNPDE20100618_041216_000000482090_00248_43388_9947.N1	18-JUN-2010 04:12:16	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	43388	No
53	GOM_TRA_1PNPDE20100618_041419_000000492090_00248_43388_9948.N1	18-JUN-2010 04:14:19	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43388	No
54	GOM_TRA_1PNPDE20100618_041758_000000442090_00248_43388_9949.N1	18-JUN-2010 04:17:58	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	43388	No
55	GOM_TRA_1PNPDE20100618_042740_000000432090_00248_43388_9950.N1	18-JUN-2010 04:27:40	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	43388	No
56	GOM_TRA_1PNPDE20100618_042859_000000492090_00248_43388_9951.N1	18-JUN-2010 04:28:59	Twilight	48.500	116	19Del Sgr	2.7000	4100.0	97	43388	No
57	GOM_TRA_1PNPDE20100618_043411_000000392090_00248_43388_9952.N1	18-JUN-2010 04:34:11	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	43388	No
58	GOM_TRA_1PNPDE20100618_044035_000000442090_00248_43388_9953.N1	18-JUN-2010 04:40:35	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	43388	No
59	GOM_TRA_1PNPDE20100618_044304_000000442090_00248_43388_9954.N1	18-JUN-2010 04:43:04	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	43388	No
60	GOM_TRA_1PNPDE20100618_044509_000000382090_00248_43388_9955.N1	18-JUN-2010 04:45:09	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43388	No
61	GOM_TRA_1PNPDE20100618_044808_000000392090_00248_43388_9956.N1	18-JUN-2010 04:48:08	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43388	No
62	GOM_TRA_1PNPDE20100618_045450_000000402090_00248_43388_9957.N1	18-JUN-2010 04:54:50	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43388	No
63	GOM_TRA_1PNPDE20100618_045632_000000372090_00248_43388_9958.N1	18-JUN-2010 04:56:32	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	43388	No
64	GOM_TRA_1PNPDE20100618_050505_000000492090_00248_43388_9959.N1	18-JUN-2010 05:05:05	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43388	No
65	GOM_TRA_1PNPDE20100618_051141_000000442090_00248_43388_9960.N1	18-JUN-2010 05:11:41	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	43388	No
66	GOM_TRA_1PNPDE20100618_051307_000000452090_00248_43388_9961.N1	18-JUN-2010 05:13:07	Bright	44.500	68	18Alp Cas	2.2250	4500.0	89	43388	No
67	GOM_TRA_1PNPDE20100618_051457_000000352090_00248_43388_9962.N1	18-JUN-2010 05:14:57	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	43388	No
68	GOM_TRA_1PNPDE20100618_051824_000000532090_00248_43388_9963.N1	18-JUN-2010 05:18:24	Bright	52.500	73	57Gam1And	2.2600	13100.	105	43388	No
69	GOM_TRA_1PNPDE20100618_052046_000000612090_00248_43388_9964.N1	18-JUN-2010 05:20:46	Twilight	61.000	53	43Bet And	2.0480	3300.0	122	43388	No
70	GOM_TRA_1PNPDE20100618_052421_000000492090_00248_43388_9965.N1	18-JUN-2010 05:24:21	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	43388	No
71	GOM_TRA_1PNPDE20100618_054030_000000602090_00248_43388_9966.N1	18-JUN-2010 05:40:30	Dark	59.500	52	16Bet Cet	2.0370	4500.0	119	43388	No

72	GOM_TRA_1PNPDE20100618_054635_000000442090_00248_43388_9967.N1	18-JUN-2010 05:46:35	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	43388	No
73	GOM_TRA_1PNPDE20100618_055253_000000492090_00249_43389_9968.N1	18-JUN-2010 05:52:53	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	43389	No
74	GOM_TRA_1PNPDE20100618_055457_000000472090_00249_43389_9969.N1	18-JUN-2010 05:54:57	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43389	No
75	GOM_TRA_1PNPDE20100618_055834_000000432090_00249_43389_9970.N1	18-JUN-2010 05:58:34	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43389	No
76	GOM_TRA_1PNPDE20100618_060817_000000452090_00249_43389_9971.N1	18-JUN-2010 06:08:17	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43389	No
77	GOM_TRA_1PNPDE20100618_060935_000000492090_00249_43389_9972.N1	18-JUN-2010 06:09:35	Twilight	49.000	116	19Del Sgr	2.7000	4100.0	98	43389	No
78	GOM_TRA_1PNPDE20100618_061447_000000392090_00249_43389_9973.N1	18-JUN-2010 06:14:47	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	43389	No
79	GOM_TRA_1PNPDE20100618_062110_000000432090_00249_43389_9974.N1	18-JUN-2010 06:21:10	Bright	42.500	126	60Bet Oph	2.7700	4250.0	85	43389	No
80	GOM_TRA_1PNPDE20100618_062339_000000422090_00249_43389_9975.N1	18-JUN-2010 06:23:39	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	43389	No
81	GOM_TRA_1PNPDE20100618_062545_000000382090_00249_43389_9976.N1	18-JUN-2010 06:25:45	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	43389	No
82	GOM_TRA_1PNPDE20100618_062844_000000392090_00249_43389_9977.N1	18-JUN-2010 06:28:44	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43389	No
83	GOM_TRA_1PNPDE20100618_063526_000000412090_00249_43389_9978.N1	18-JUN-2010 06:35:26	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43389	No
84	GOM_TRA_1PNPDE20100618_063708_000000402090_00249_43389_9979.N1	18-JUN-2010 06:37:08	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43389	No
85	GOM_TRA_1PNPDE20100618_064541_000000472090_00249_43389_9980.N1	18-JUN-2010 06:45:41	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43389	No
86	GOM_TRA_1PNPDE20100618_211343_000000442090_00258_43398_0087.N1	18-JUN-2010 21:13:43	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	43398	No
87	GOM_TRA_1PNPDE20100618_211501_000000502090_00258_43398_0088.N1	18-JUN-2010 21:15:01	Twilight	49.500	116	19Del Sgr	2.7000	4100.0	99	43398	No
88	GOM_TRA_1PNPDE20100618_211619_000000502090_00258_43398_0089.N1	18-JUN-2010 21:16:19	Bright	49.500	137	22Lam Sgr	2.8240	4400.0	99	43398	No
89	GOM_TRA_1PNPDE20100618_212011_000000402090_00258_43398_0090.N1	18-JUN-2010 21:20:11	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43398	No
90	GOM_TRA_1PNPDE20100618_212632_000000422090_00258_43398_0091.N1	18-JUN-2010 21:26:32	Bright	41.500	126	60Bet Oph	2.7700	4250.0	83	43398	No
91	GOM_TRA_1PNPDE20100618_212900_000000422090_00258_43398_0092.N1	18-JUN-2010 21:29:00	Bright	41.500	59	55Alp Oph	2.0800	8900.0	83	43398	No
92	GOM_TRA_1PNPDE20100618_213108_000000392090_00258_43398_0093.N1	18-JUN-2010 21:31:08	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43398	No
93	GOM_TRA_1PNPDE20100618_213406_000000372090_00258_43398_0094.N1	18-JUN-2010 21:34:06	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	43398	No
94	GOM_TRA_1PNPDE20100618_214046_000000422090_00258_43398_0095.N1	18-JUN-2010 21:40:46	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	43398	No
95	GOM_TRA_1PNPDE20100618_214230_000000382090_00258_43398_0096.N1	18-JUN-2010 21:42:30	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43398	No
96	GOM_TRA_1PNPDE20100618_215058_000000472090_00258_43398_0097.N1	18-JUN-2010 21:50:58	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43398	No
97	GOM_TRA_1PNPDE20100618_215737_000000652090_00258_43398_0098.N1	18-JUN-2010 21:57:37	Bright	65.000	74	11Bet Cas	2.2680	6600.0	130	43398	No
98	GOM_TRA_1PNPDE20100618_215903_000000472090_00258_43398_0099.N1	18-JUN-2010 21:59:03	Bright	47.000	68	18Alp Cas	2.2250	4500.0	94	43398	No
99	GOM_TRA_1PNPDE20100618_220057_000000362090_00258_43398_0100.N1	18-JUN-2010 22:00:57	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	43398	No
100	GOM_TRA_1PNPDE20100618_220423_000000432090_00258_43398_0101.N1	18-JUN-2010 22:04:23	Bright	42.500	73	57Gam1And	2.2600	13100.	85	43398	No
101	GOM_TRA_1PNPDE20100618_220642_000000432090_00258_43398_0102.N1	18-JUN-2010 22:06:42	Bright	43.000	173	4Bet Tri	3.0040	8900.0	86	43398	No
102	GOM_TRA_1PNPDE20100618_221023_000000512090_00258_43398_0103.N1	18-JUN-2010 22:10:23	Twilight	51.000	50	13Alp Ari	2.0070	4250.0	102	43398	No
103	GOM_TRA_1PNPDE20100618_222641_000000562090_00258_43398_0106.N1	18-JUN-2010 22:26:41	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	43398	No
104	GOM_TRA_1PNPDE20100618_223242_000000442090_00258_43398_0107.N1	18-JUN-2010 22:32:42	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	43398	No
105	GOM_TRA_1PNPDE20100618_223902_000000522090_00259_43399_0108.N1	18-JUN-2010 22:39:02	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	43399	No
106	GOM_TRA_1PNPDE20100618_224105_000000492090_00259_43399_0109.N1	18-JUN-2010 22:41:05	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43399	No
107	GOM_TRA_1PNPDE20100618_224440_000000412090_00259_43399_0110.N1	18-JUN-2010 22:44:40	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43399	No
108	GOM_TRA_1PNPDE20100618_225419_000000432090_00259_43399_0111.N1	18-JUN-2010 22:54:19	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	43399	No
109	GOM_TRA_1PNPDE20100618_225537_000000602090_00259_43399_0112.N1	18-JUN-2010 22:55:37	Twilight	60.000	116	19Del Sgr	2.7000	4100.0	120	43399	No
110	GOM_TRA_1PNPDE20100618_225655_000000482090_00259_43399_0113.N1	18-JUN-2010 22:56:55	Bright	48.000	137	22Lam Sgr	2.8240	4400.0	96	43399	No
111	GOM_TRA_1PNPDE20100618_230047_000000402090_00259_43399_0114.N1	18-JUN-2010 23:00:47	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	43399	No
112	GOM_TRA_1PNPDE20100618_230707_000000432090_00259_43399_0115.N1	18-JUN-2010 23:07:07	Bright	42.500	126	60Bet Oph	2.7700	4250.0	85	43399	No
113	GOM_TRA_1PNPDE20100618_230936_000000422090_00259_43399_0116.N1	18-JUN-2010 23:09:36	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	43399	No
114	GOM_TRA_1PNPDE20100618_231143_000000372090_00259_43399_0117.N1	18-JUN-2010 23:11:43	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	43399	No
115	GOM_TRA_1PNPDE20100618_231441_000000392090_00259_43399_0118.N1	18-JUN-2010 23:14:41	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43399	No
116	GOM_TRA_1PNPDE20100618_232121_000000392090_00259_43399_0119.N1	18-JUN-2010 23:21:21	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43399	No
117	GOM_TRA_1PNPDE20100618_232306_000000382090_00259_43399_0120.N1	18-JUN-2010 23:23:06	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	43399	No
118	GOM_TRA_1PNPDE20100618_233133_000000492090_00259_43399_0121.N1	18-JUN-2010 23:31:33	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43399	No
119	GOM_TRA_1PNPDE20100618_233812_000000582090_00259_43399_0122.N1	18-JUN-2010 23:38:12	Bright	58.000	74	11Bet Cas	2.2680	6600.0	116	43399	No
120	GOM_TRA_1PNPDE20100618_233939_000000482090_00259_43399_0123.N1	18-JUN-2010 23:39:39	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43399	No
121	GOM_TRA_1PNPDE20100618_234133_000000532090_00259_43399_0124.N1	18-JUN-2010 23:41:33	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	43399	No
122	GOM_TRA_1PNPDE20100618_234459_000000432090_00259_43399_0125.N1	18-JUN-2010 23:44:59	Bright	42.500	73	57Gam1And	2.2600	13100.	85	43399	No
123	GOM_TRA_1PNPDE20100618_234718_000000452090_00259_43399_0126.N1	18-JUN-2010 23:47:18	Bright	45.000	173	4Bet Tri	3.0040	8900.0	90	43399	No
124	GOM_TRA_1PNPDE20100618_235059_000000522090_00259_43399_0127.N1	18-JUN-2010 23:50:59	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	43399	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).

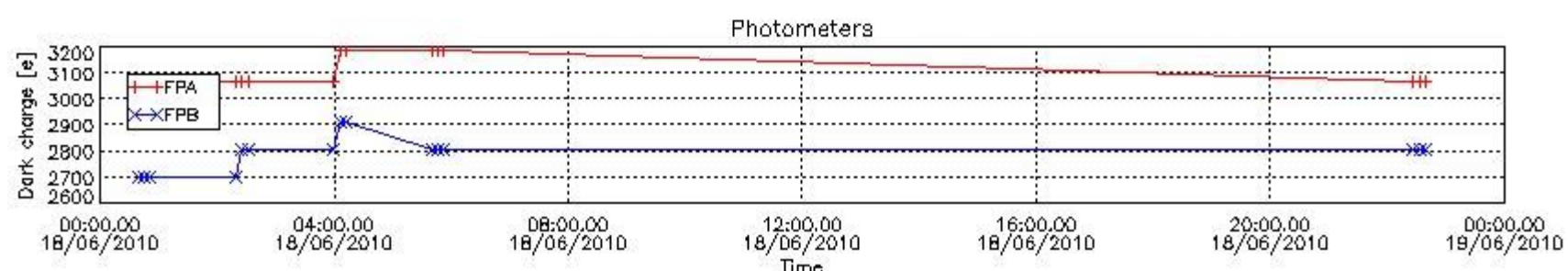
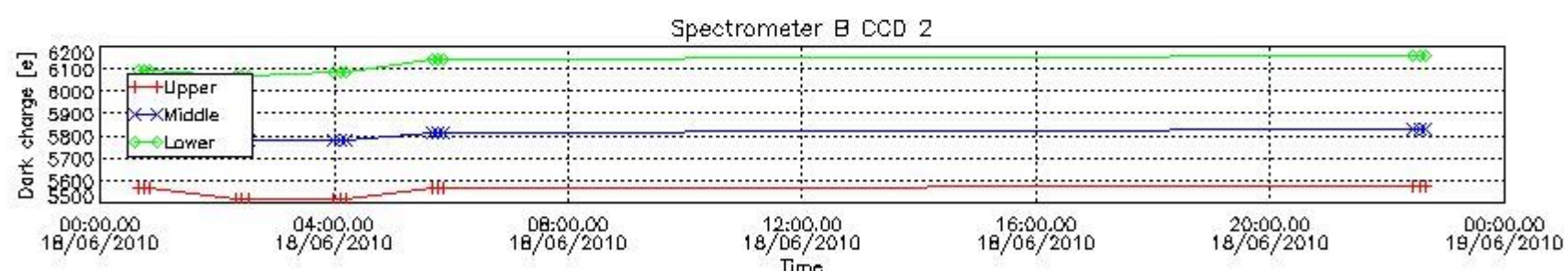
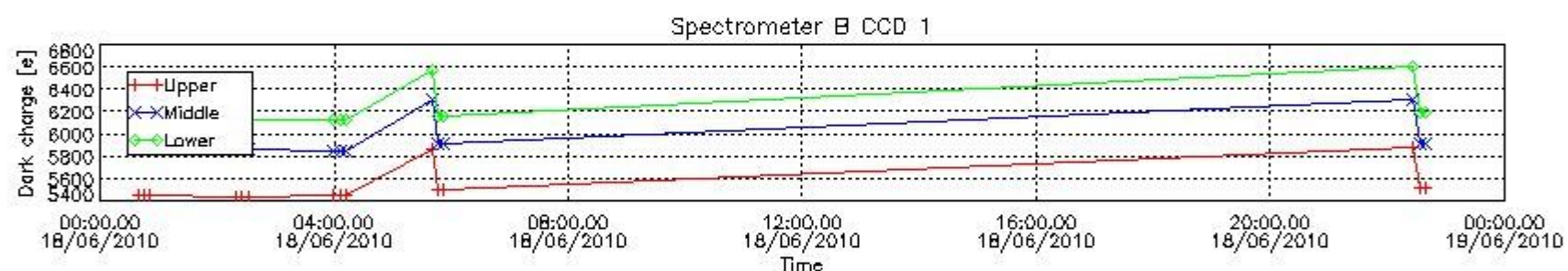
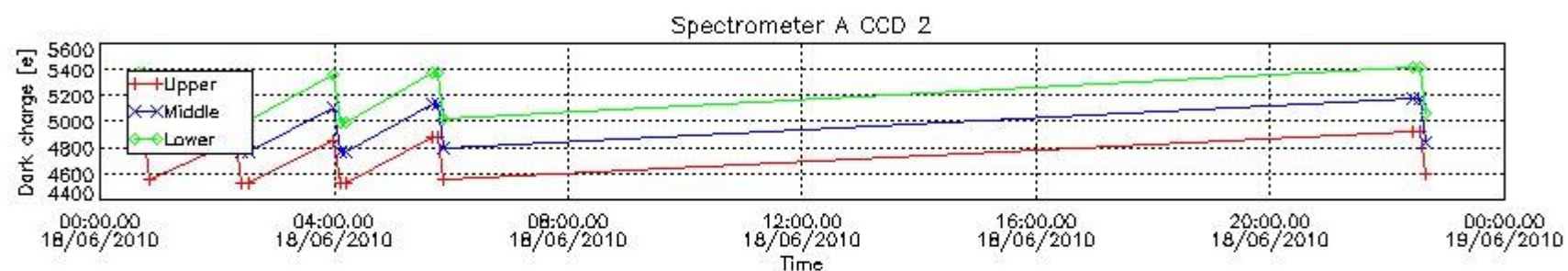
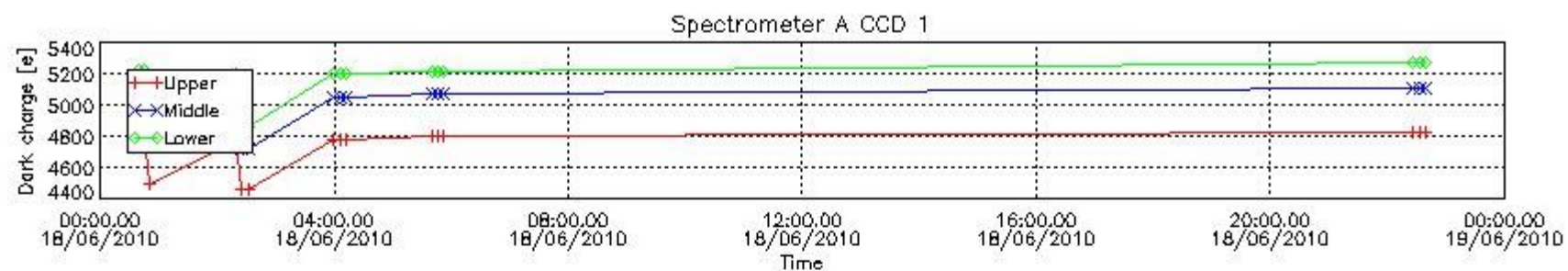
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100618_211343_000000442090_00258_43398_0087.N1	DC map used
GOM_TRA_1PNPDE20100618_211501_000000502090_00258_43398_0088.N1	DC map used
GOM_TRA_1PNPDE20100618_211619_000000502090_00258_43398_0089.N1	DC map used
GOM_TRA_1PNPDE20100618_212011_000000402090_00258_43398_0090.N1	DC map used
GOM_TRA_1PNPDE20100618_212632_000000422090_00258_43398_0091.N1	DC map used
GOM_TRA_1PNPDE20100618_212900_000000422090_00258_43398_0092.N1	DC map used
GOM_TRA_1PNPDE20100618_213108_000000392090_00258_43398_0093.N1	DC map used
GOM_TRA_1PNPDE20100618_213406_000000372090_00258_43398_0094.N1	DC map used
GOM_TRA_1PNPDE20100618_214046_000000422090_00258_43398_0095.N1	DC map used
GOM_TRA_1PNPDE20100618_214230_000000382090_00258_43398_0096.N1	DC map used
GOM_TRA_1PNPDE20100618_215058_000000472090_00258_43398_0097.N1	DC map used
GOM_TRA_1PNPDE20100618_215737_000000652090_00258_43398_0098.N1	DC map used
GOM_TRA_1PNPDE20100618_215903_000000472090_00258_43398_0099.N1	DC map used
GOM_TRA_1PNPDE20100618_220057_000000362090_00258_43398_0100.N1	DC map used

GOM_TRA_1PNPDE20100618_220423_000000432090_00258_43398_0101.N1	DC map used
GOM_TRA_1PNPDE20100618_220642_000000432090_00258_43398_0102.N1	DC map used
GOM_TRA_1PNPDE20100618_221023_000000512090_00258_43398_0103.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

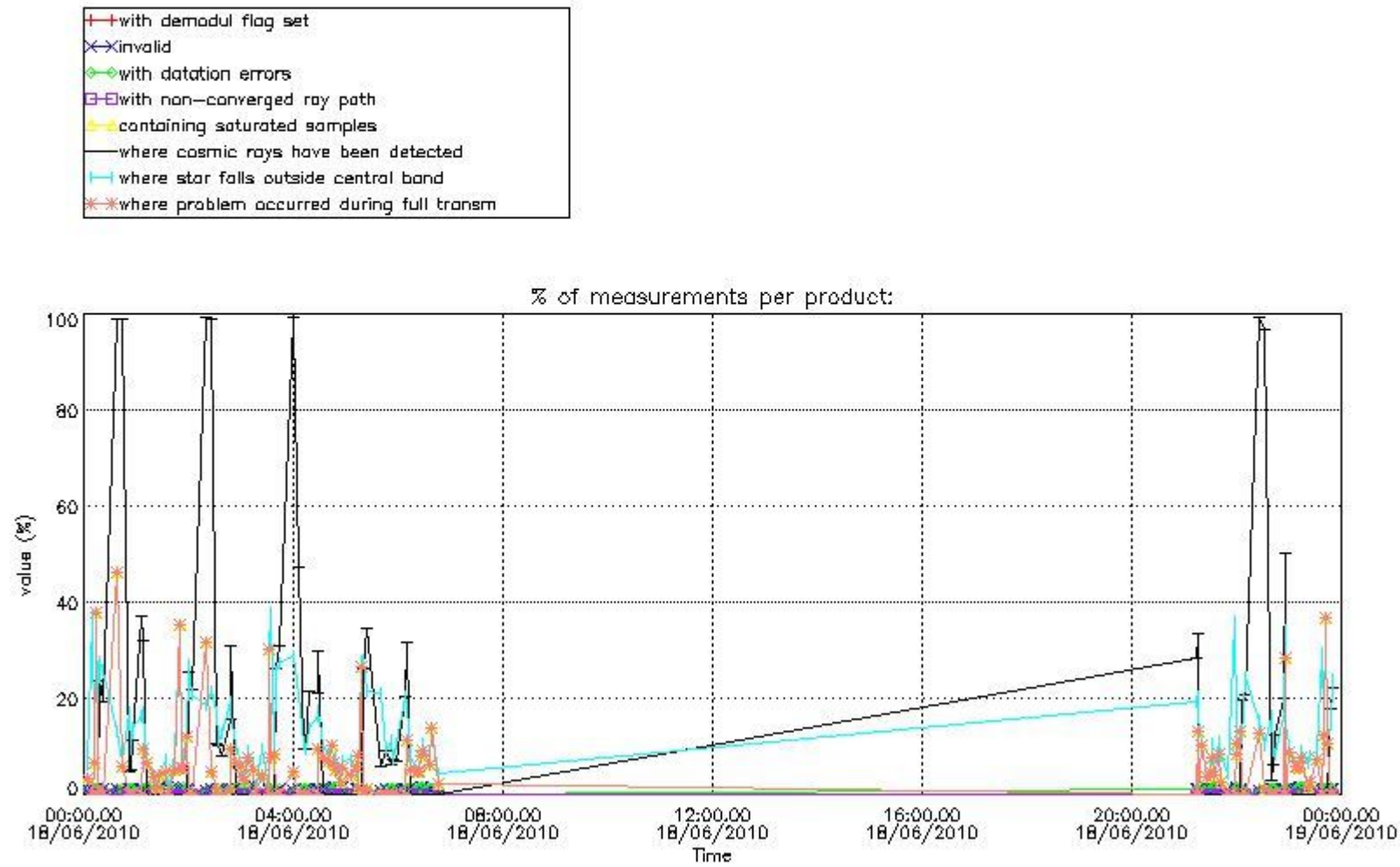
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

(error flag in the MPH set to "0") are used.

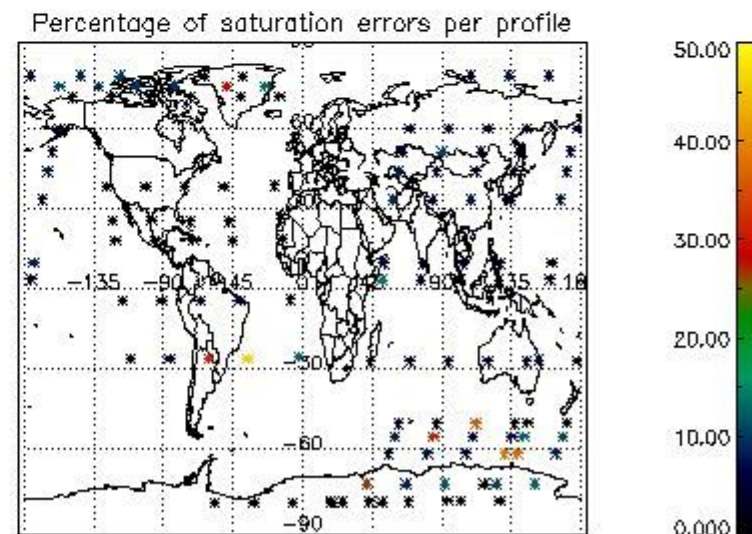
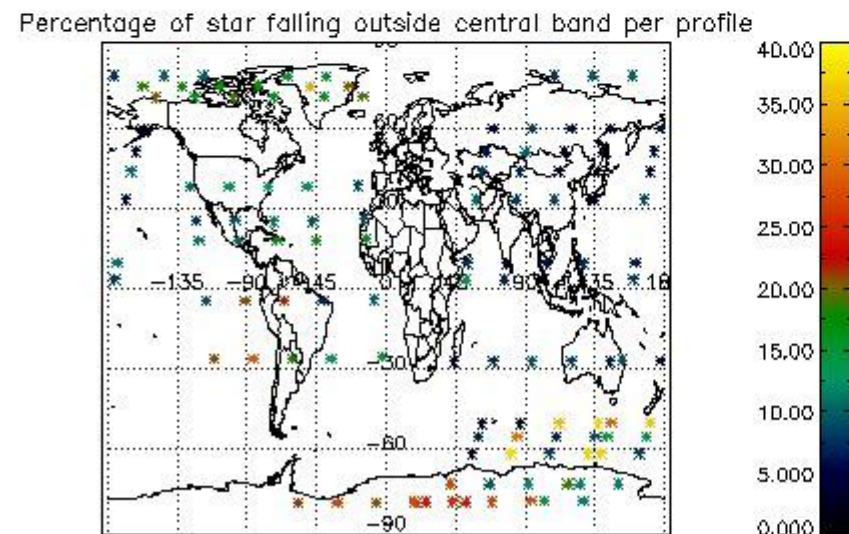
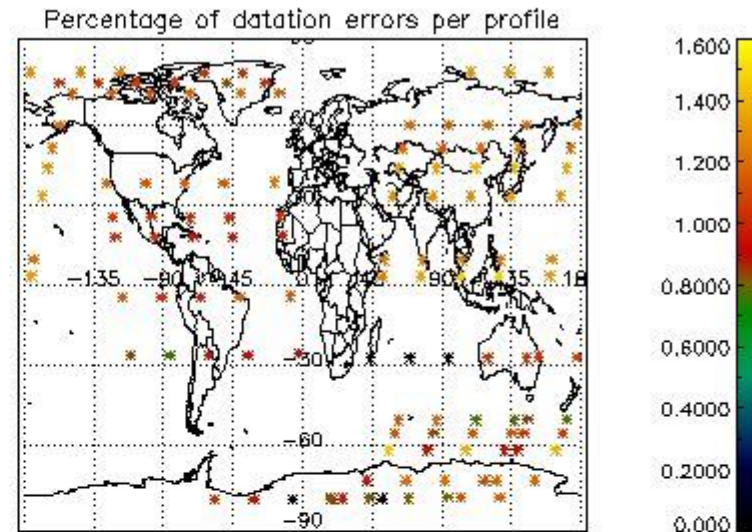
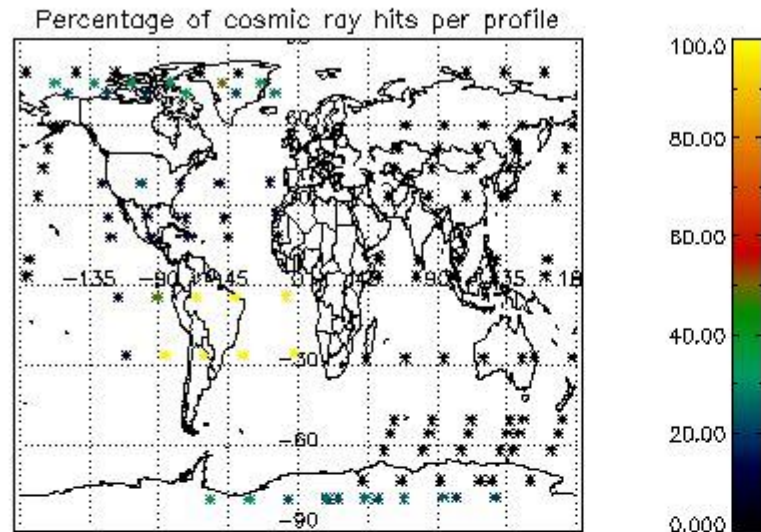
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	34.6774 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



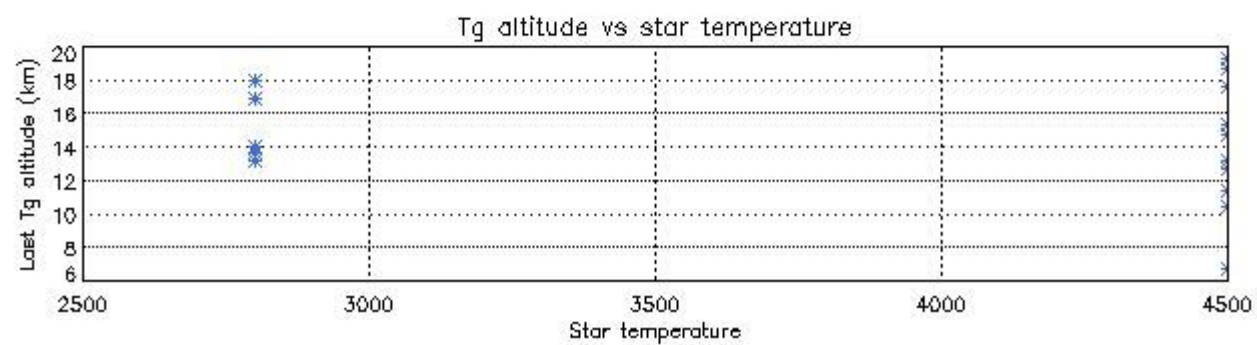
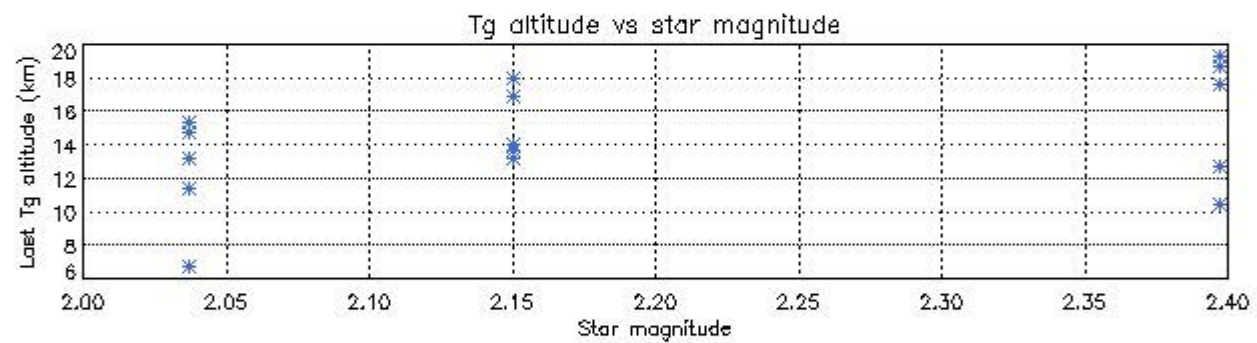
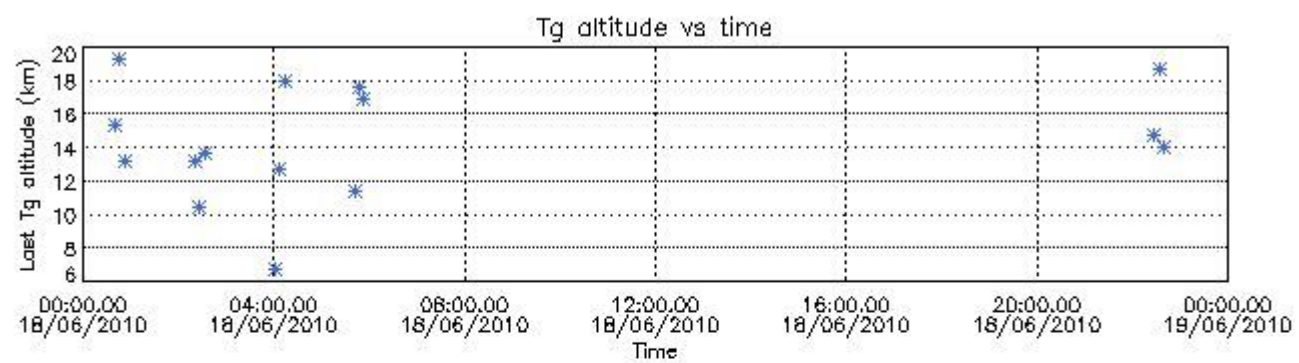
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.378	18.270	9.5465
St. deviation:	3.4028	5.5736	1.2979
Maximum:	19.253	27.227	10.996
Minimum:	6.7401	3.6479	7.7627
Number of data:	15.000	77.000	6.0000

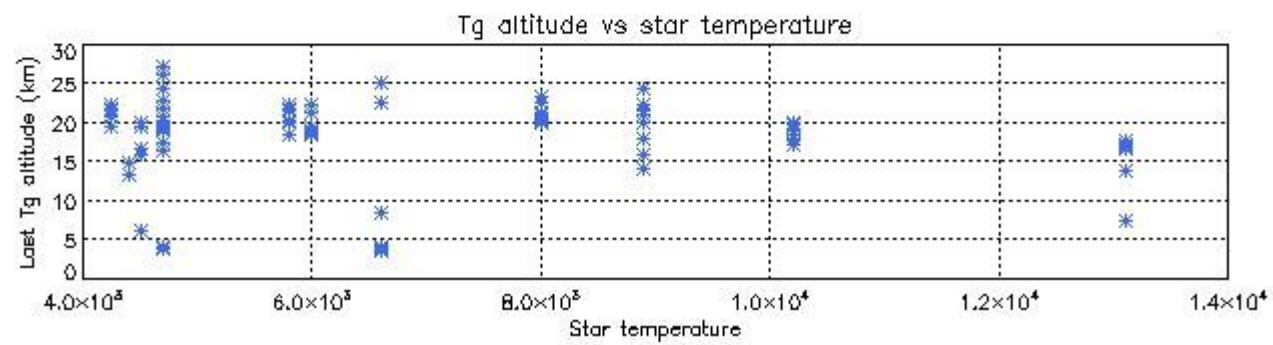
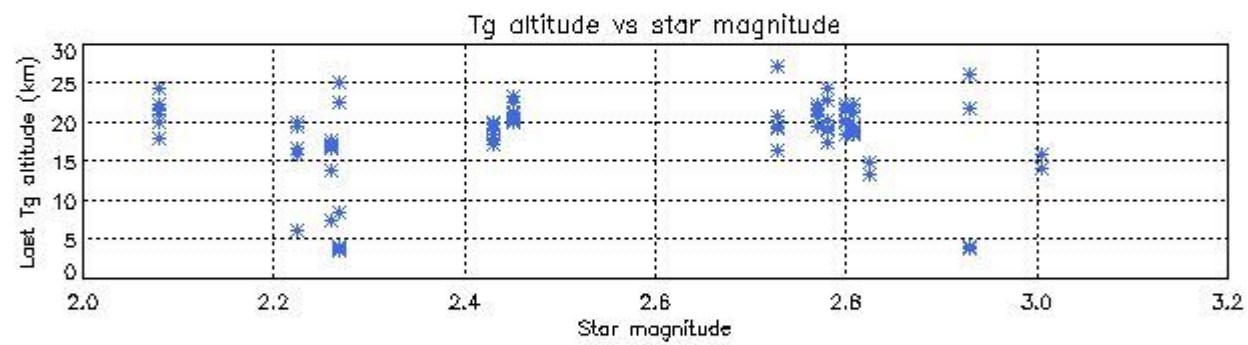
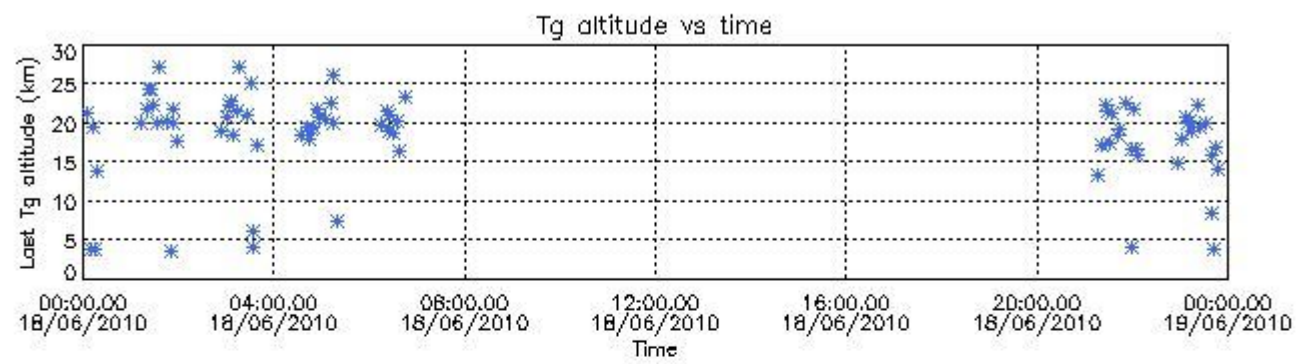
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



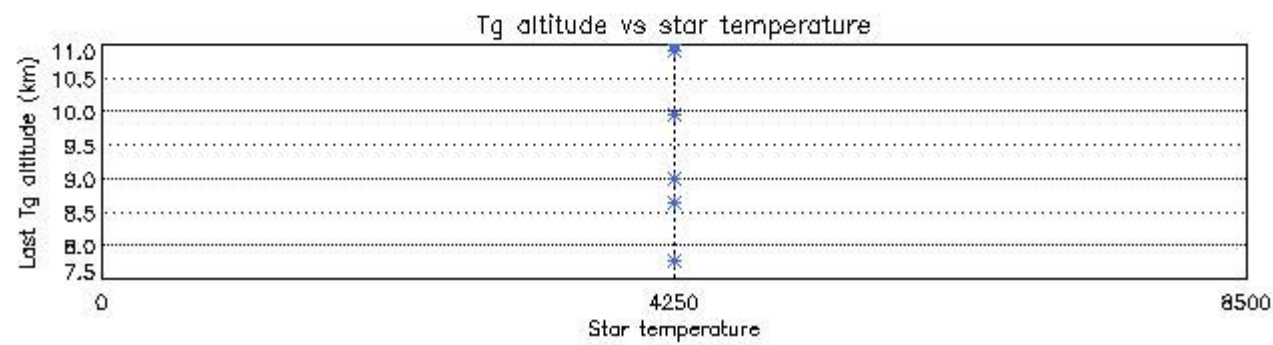
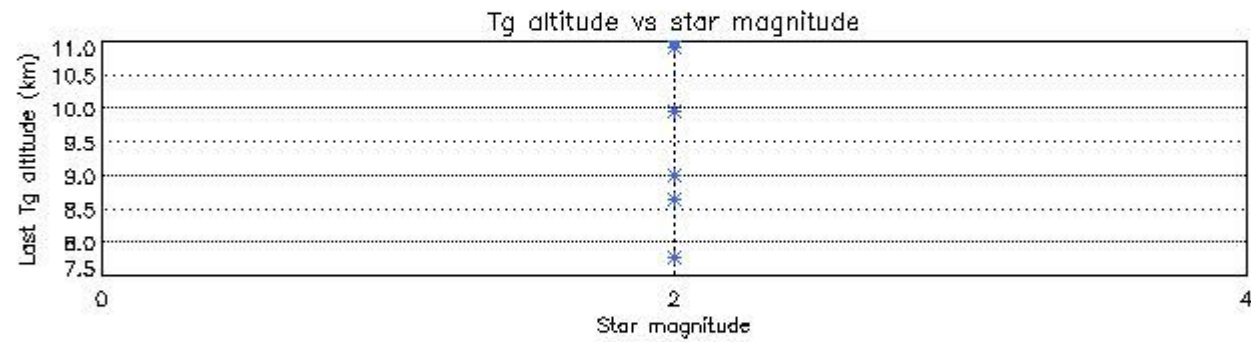
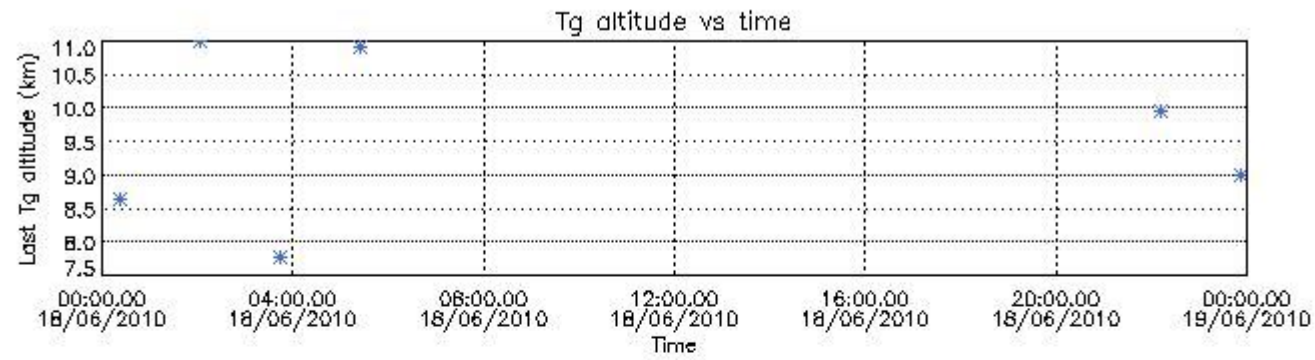
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

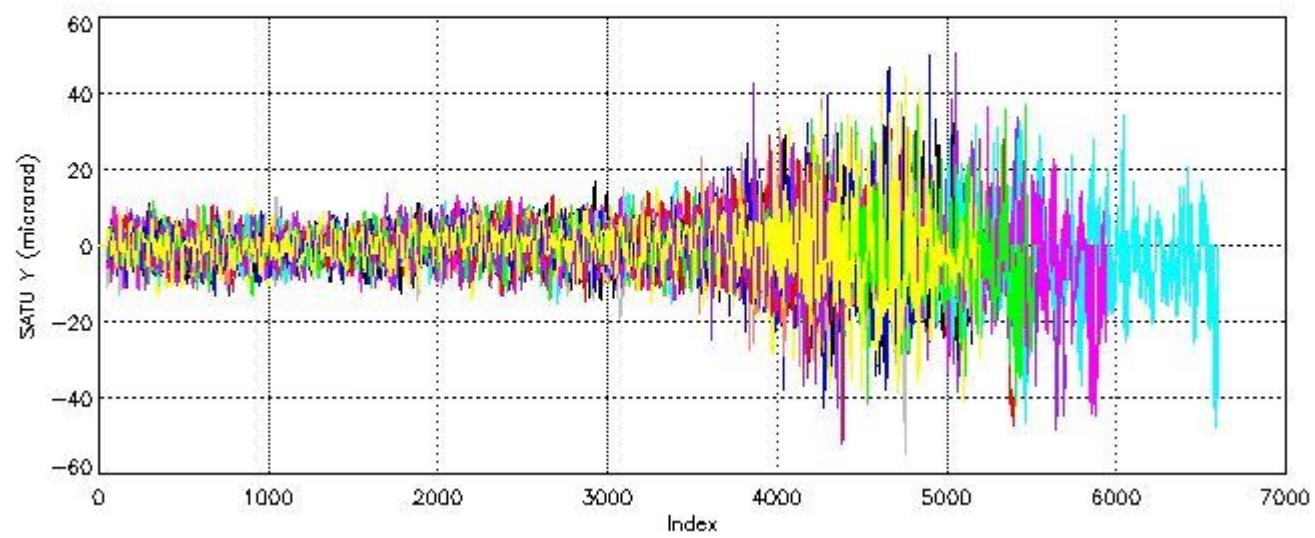
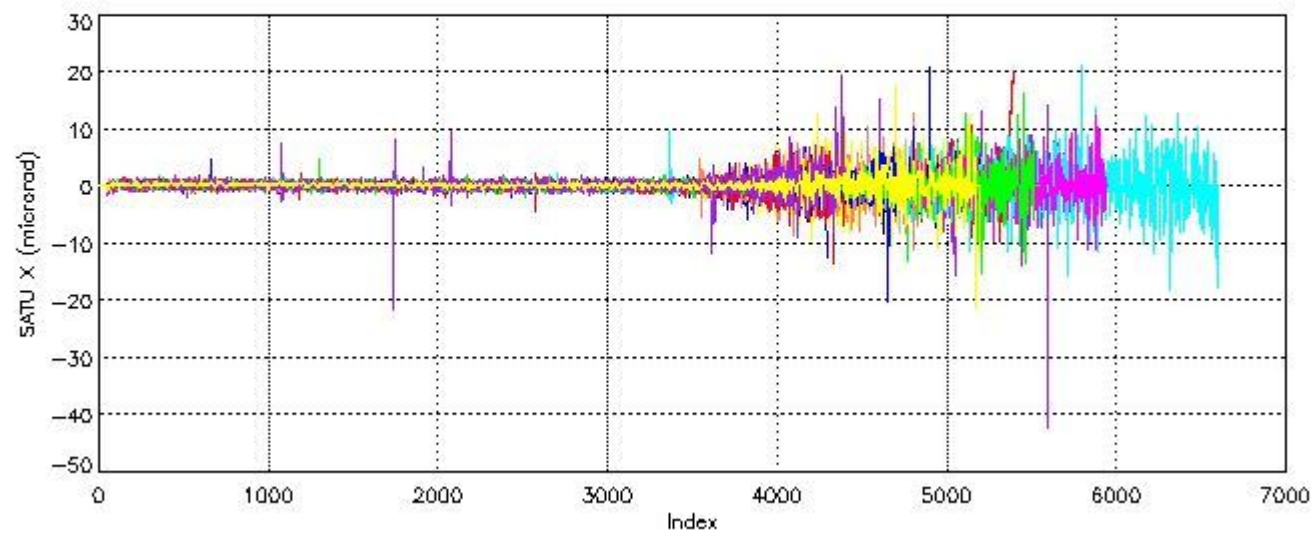


7. Star Acquisition and Tracking Unit (SATU)

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:	0.25436	-0.61646	0.18208	-0.55060
St. deviation:	0.37027	3.8303	0.75787	3.3424
Maximum:	7.5000	12.600	4.2000	12.400
Minimum:	-2.5000	-13.400	-3.7000	-14.600

Number of data:	16750.	16750.	74900.	74900.
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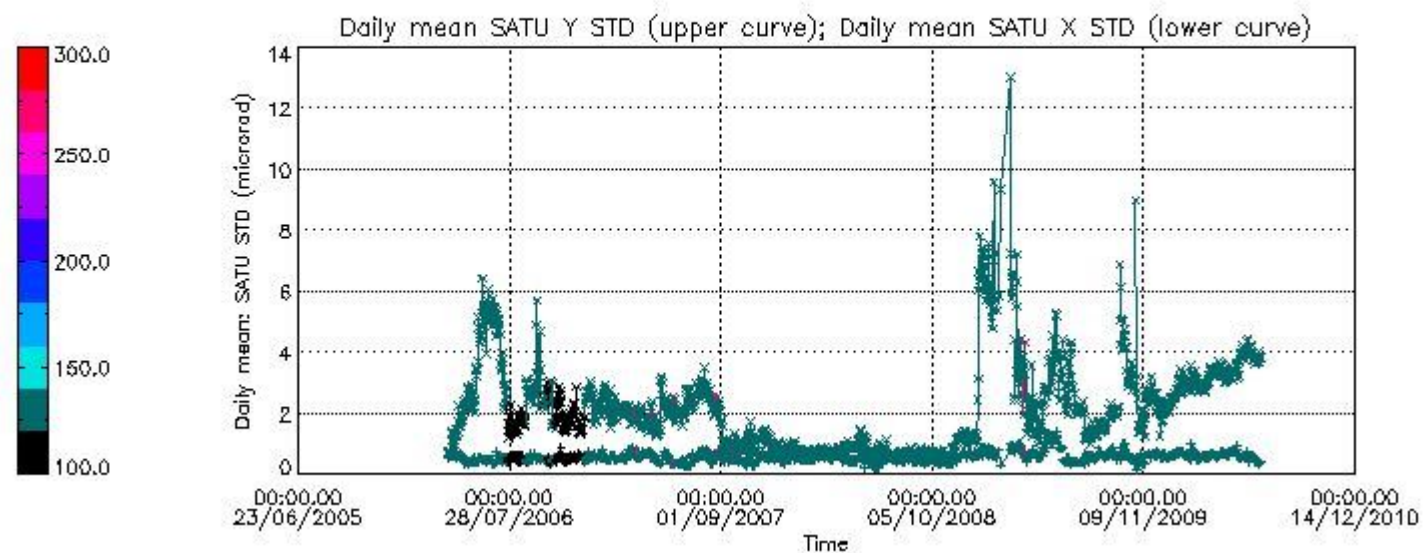
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

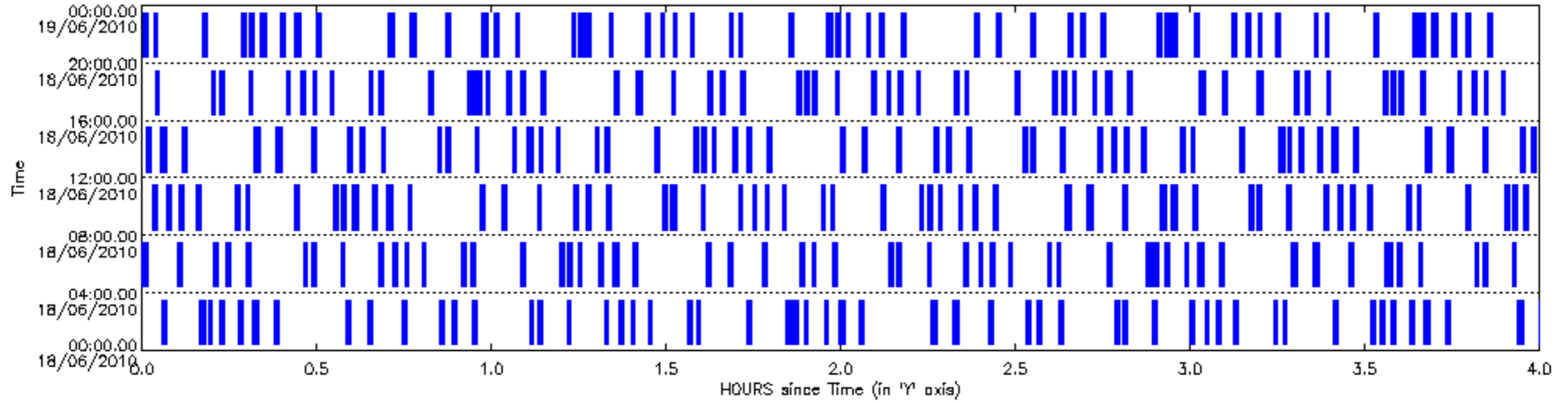
Lower curve: STD of SATU X axis

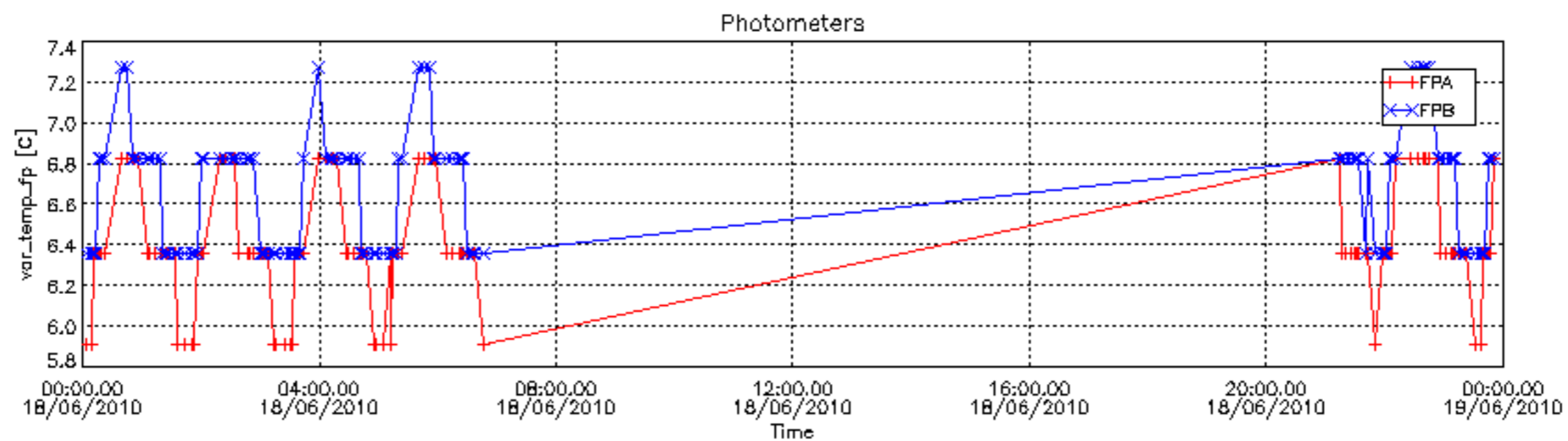
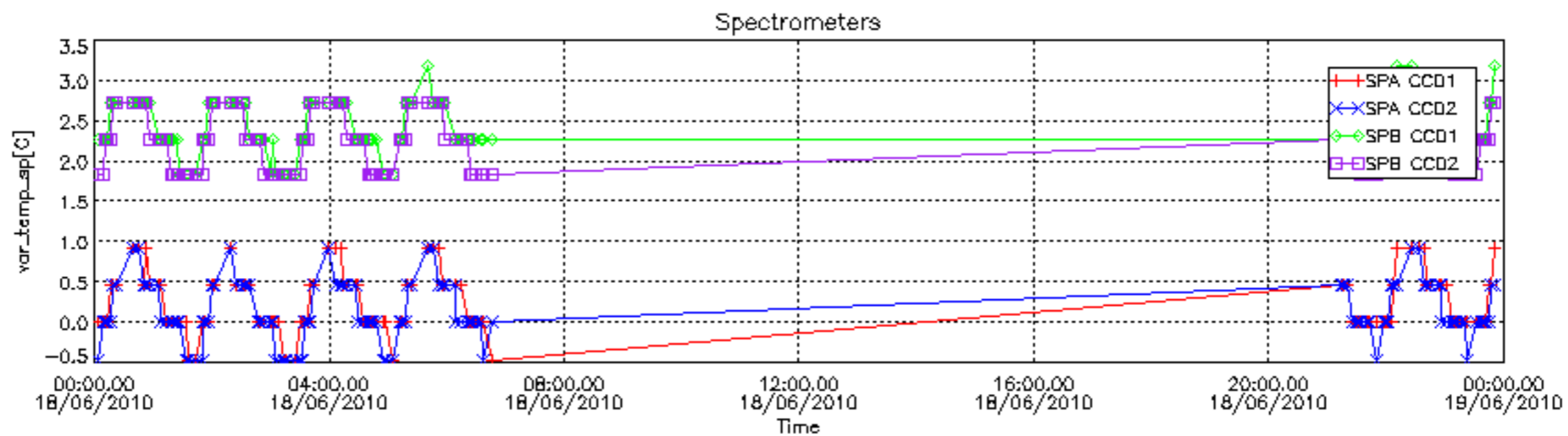


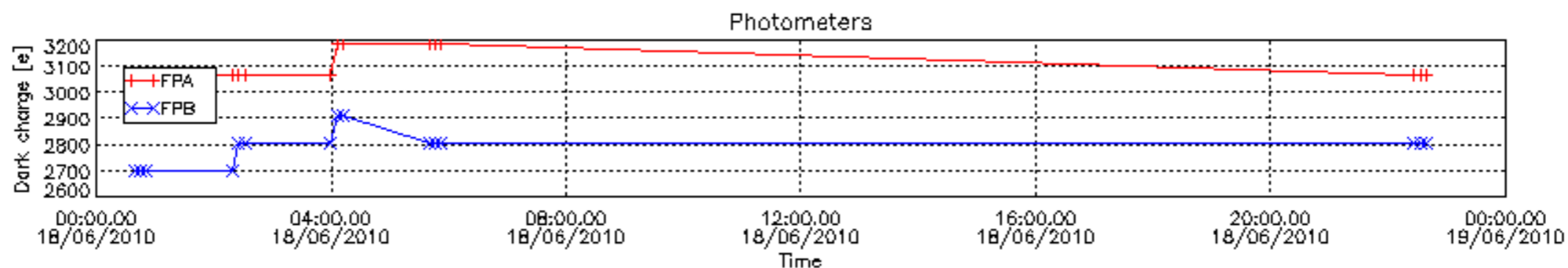
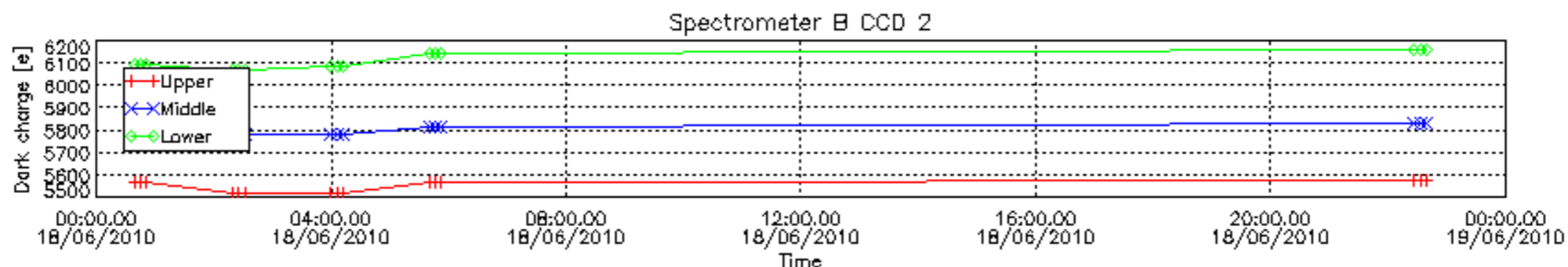
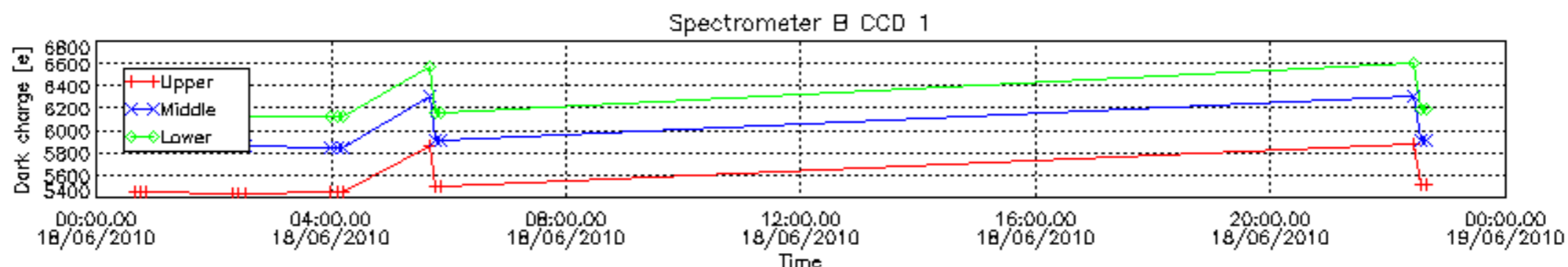
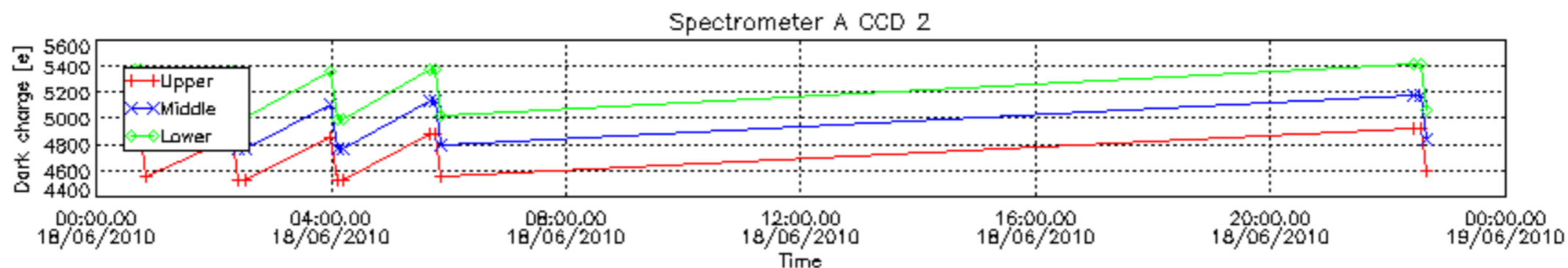
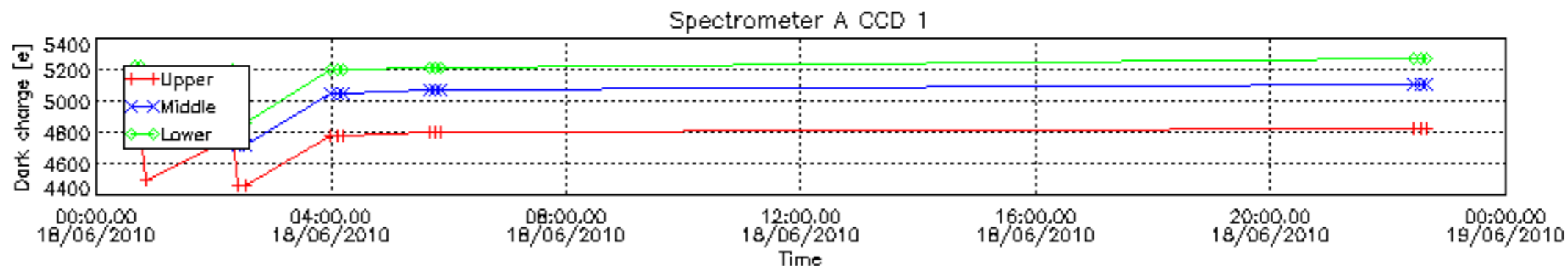
8. Auxiliary Data Files used for the production reported in section 2.4

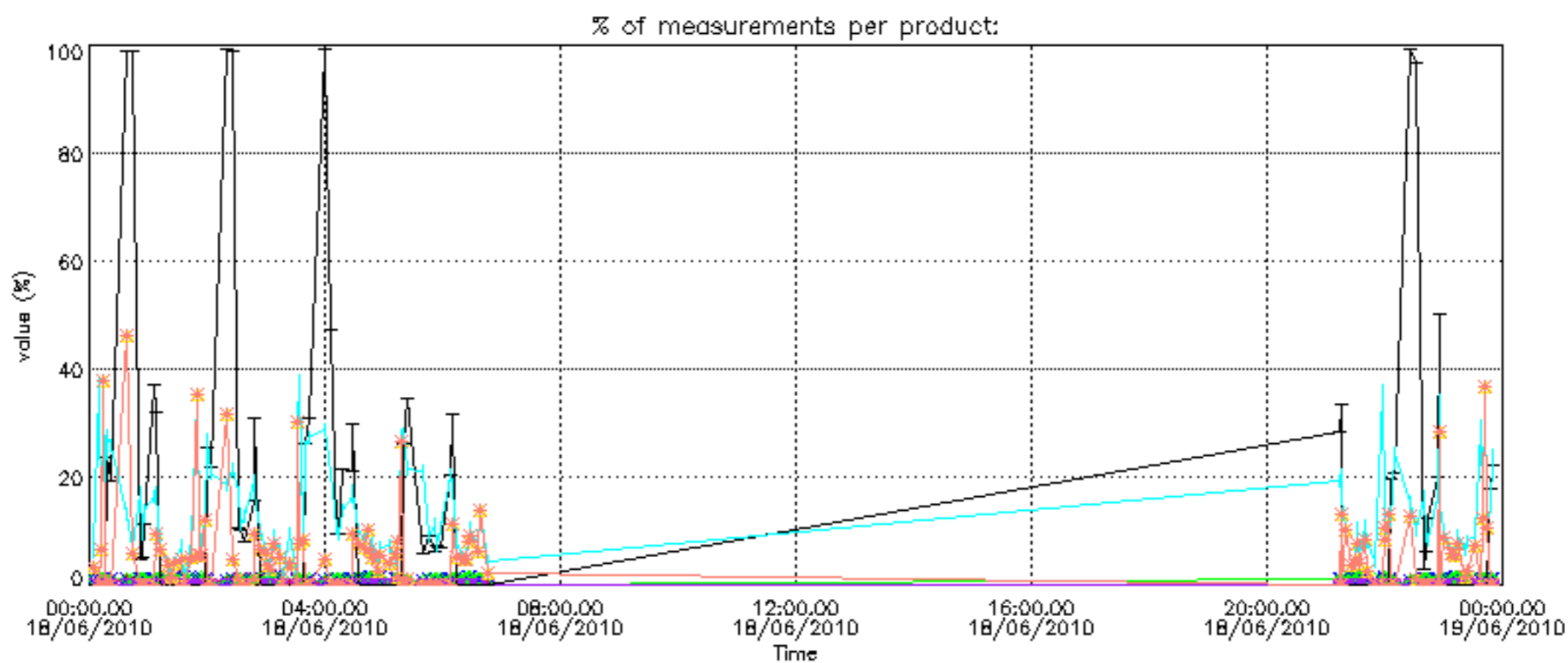
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-JUN-2010 00:03:19
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100615_083814_20100613_000000_20500101_000000	1	18-JUN-2010 00:03:19
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	18-JUN-2010 00:03:19
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	18-JUN-2010 00:03:19
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	18-JUN-2010 00:03:19
ECMWF_FILE	AUX_ECF_AXNECM20100617_054113_20100617_210000_20100618_090000	1	18-JUN-2010 00:03:19
ECMWF_FILE	AUX_ECF_AXNECM20100617_172113_20100618_030000_20100618_150000	44	18-JUN-2010 03:31:05
ECMWF_FILE	AUX_ECA_AXNECM20100618_052112_20100617_210000_20100618_090000	65	18-JUN-2010 05:11:41
ECMWF_FILE	AUX_ECF_AXNECM20100618_054112_20100618_210000_20100619_090000	86	18-JUN-2010 21:13:43
OPTIONAL_ECMWF_FILE	MISSING	1	18-JUN-2010 00:03:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100617_225121_000057382090_00244_43384_0572.N1	1	18-JUN-2010 00:03:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100618_003218_000054192090_00245_43385_0573.N1	8	18-JUN-2010 00:38:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100618_020756_000041442090_00246_43386_0574.N1	29	18-JUN-2010 02:19:15
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100618_050316_000057382090_00248_43388_0576.N1	65	18-JUN-2010 05:11:41
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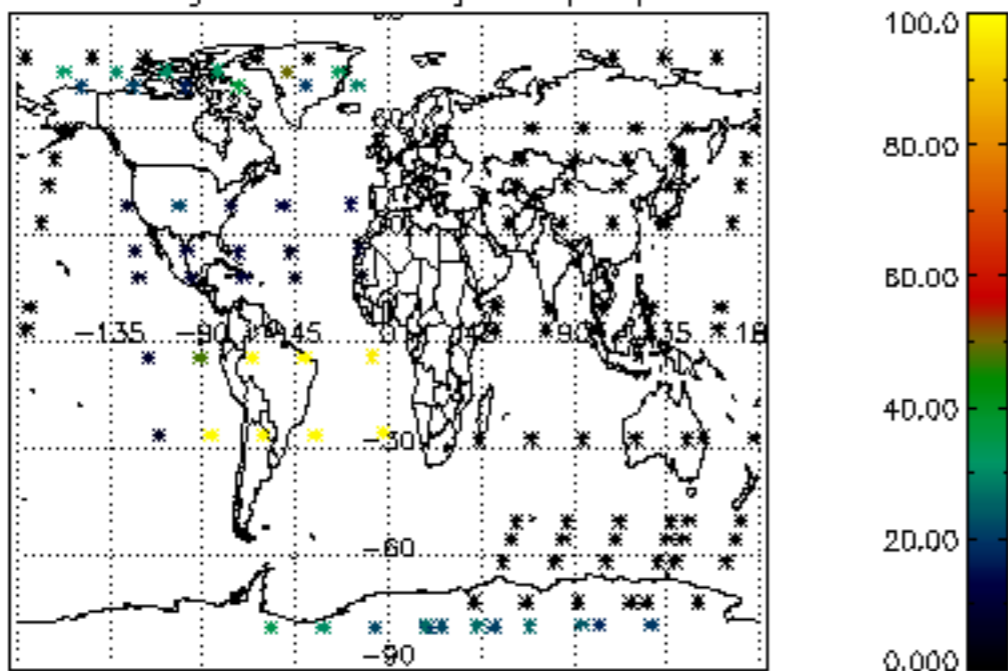




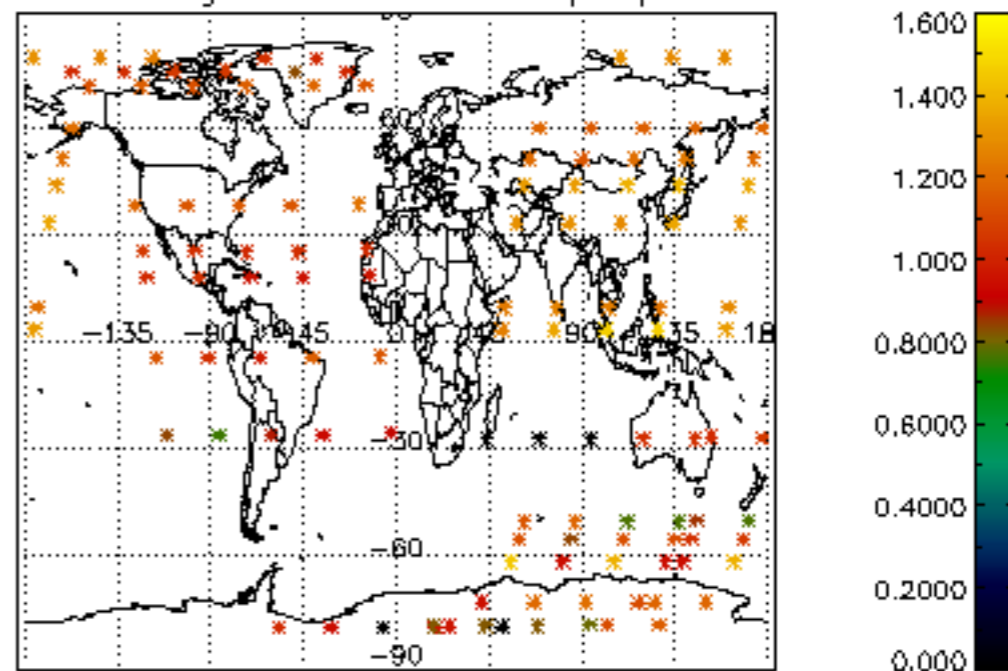




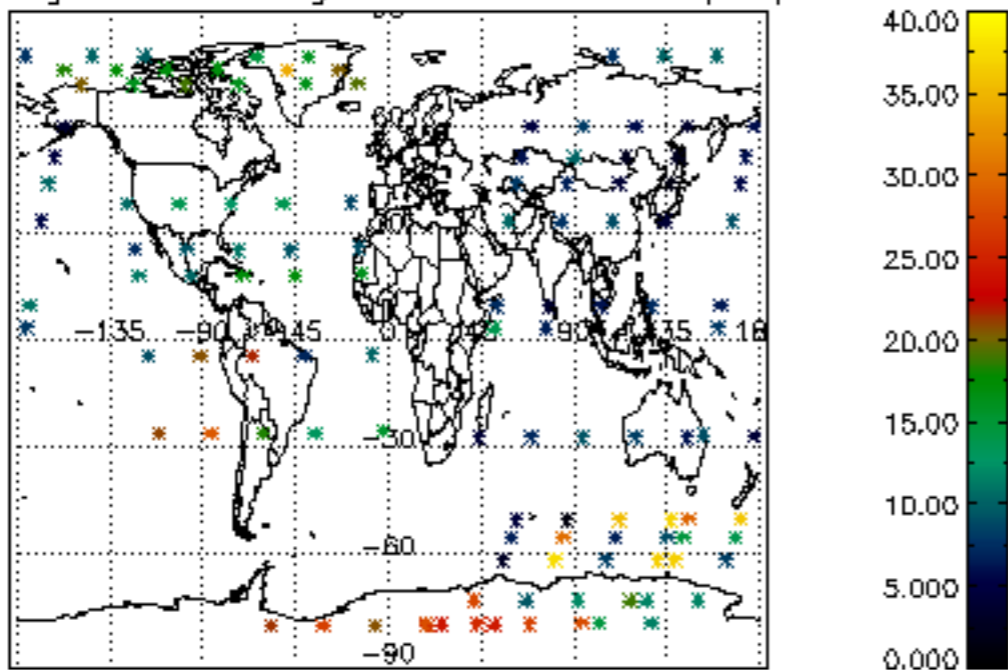
Percentage of cosmic ray hits per profile



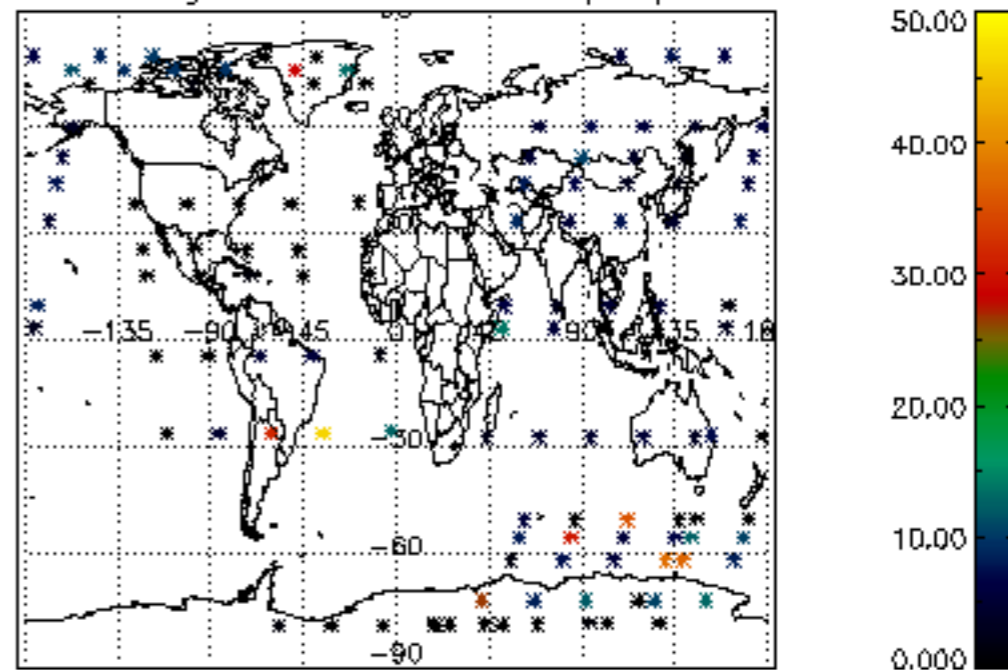
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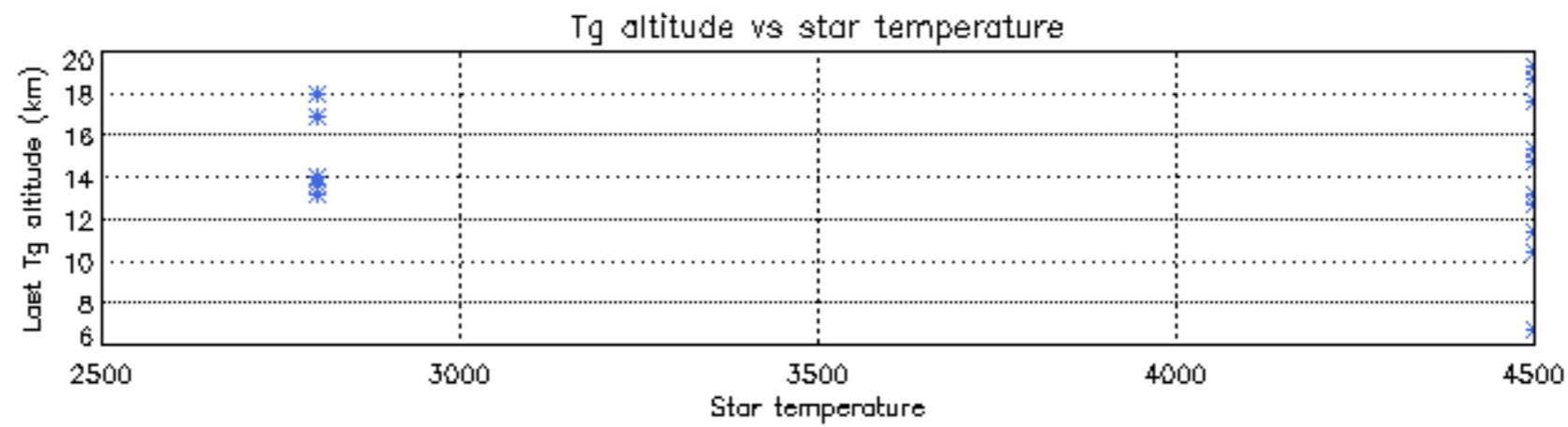
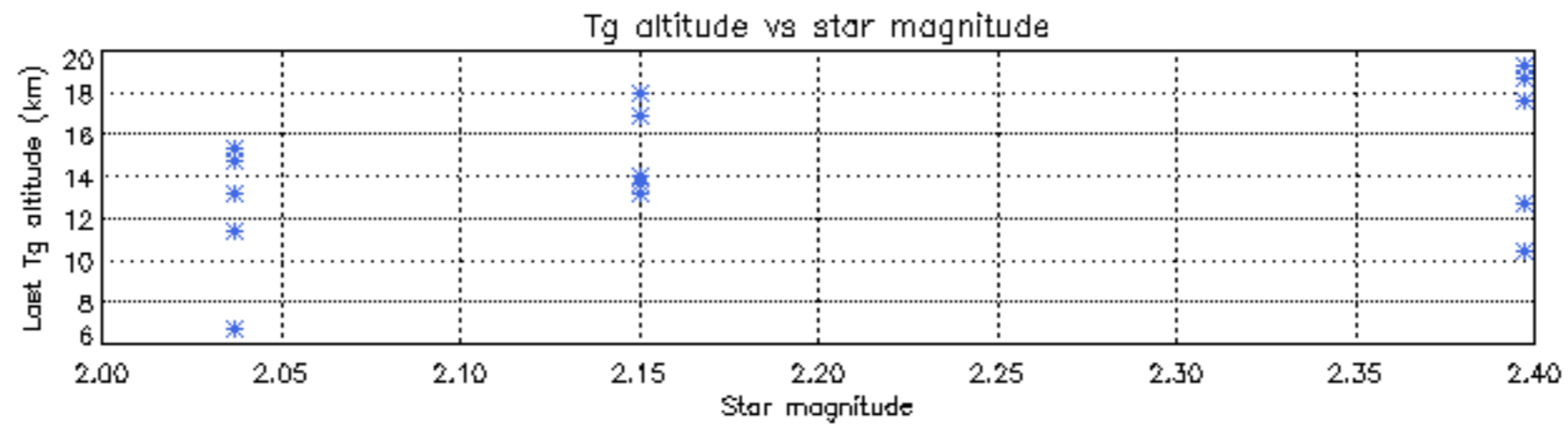
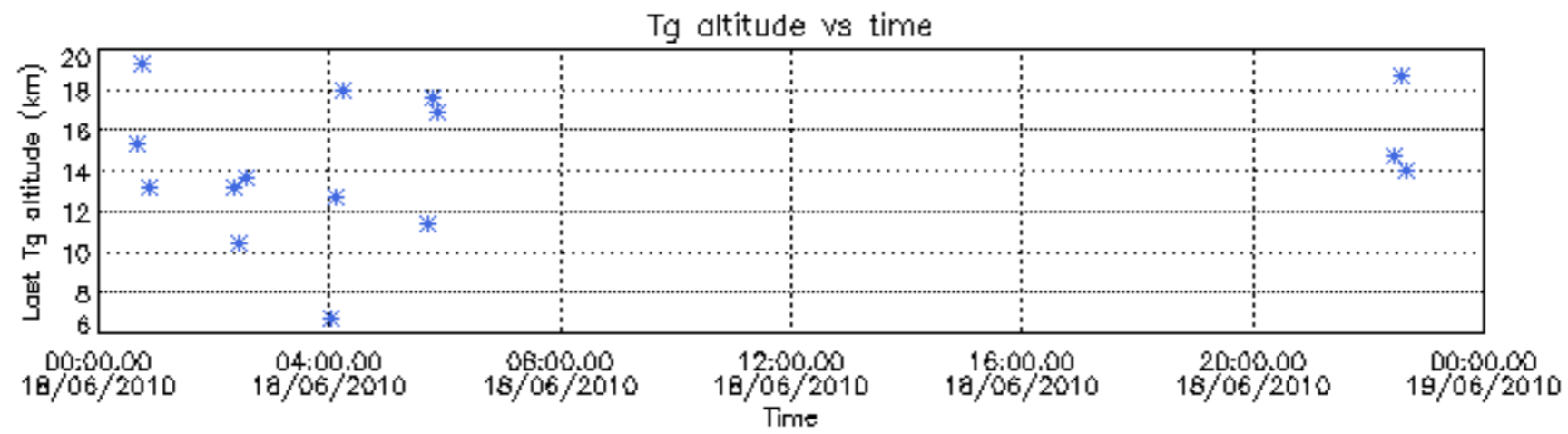
Percentage of star falling outside central band per profile



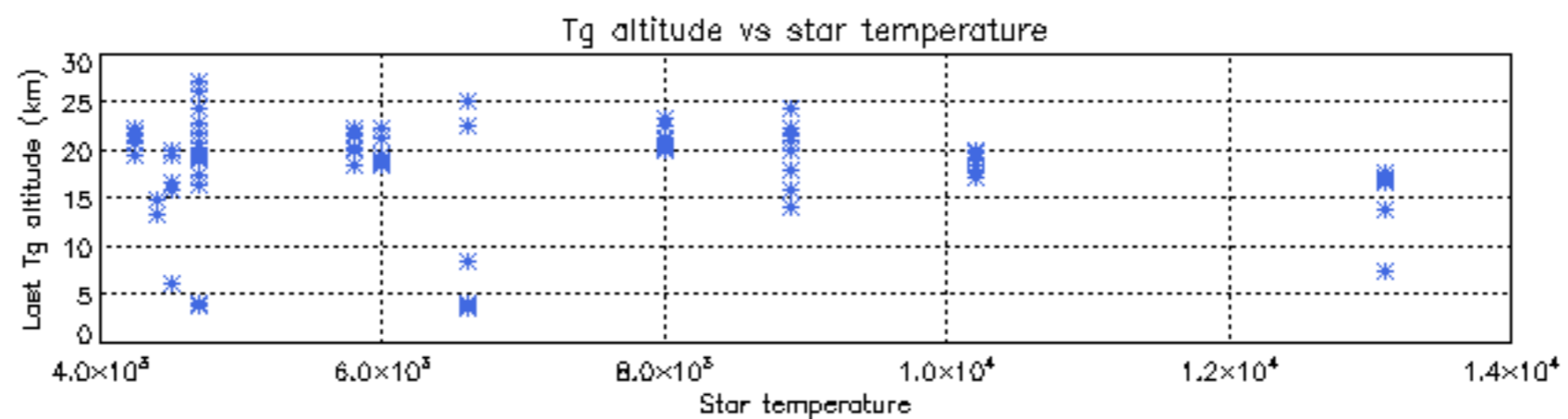
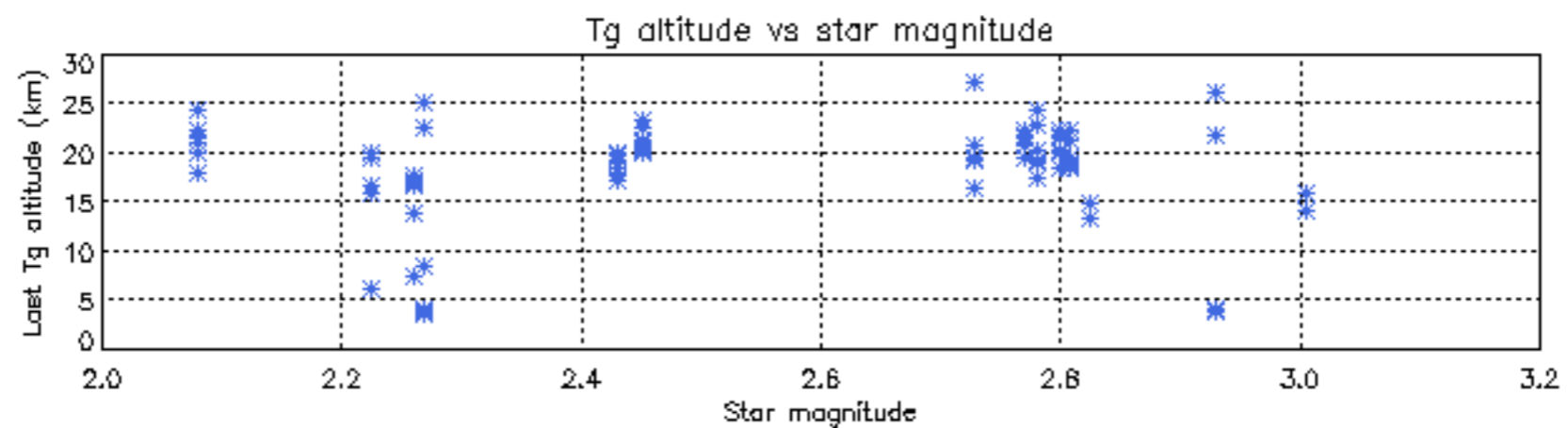
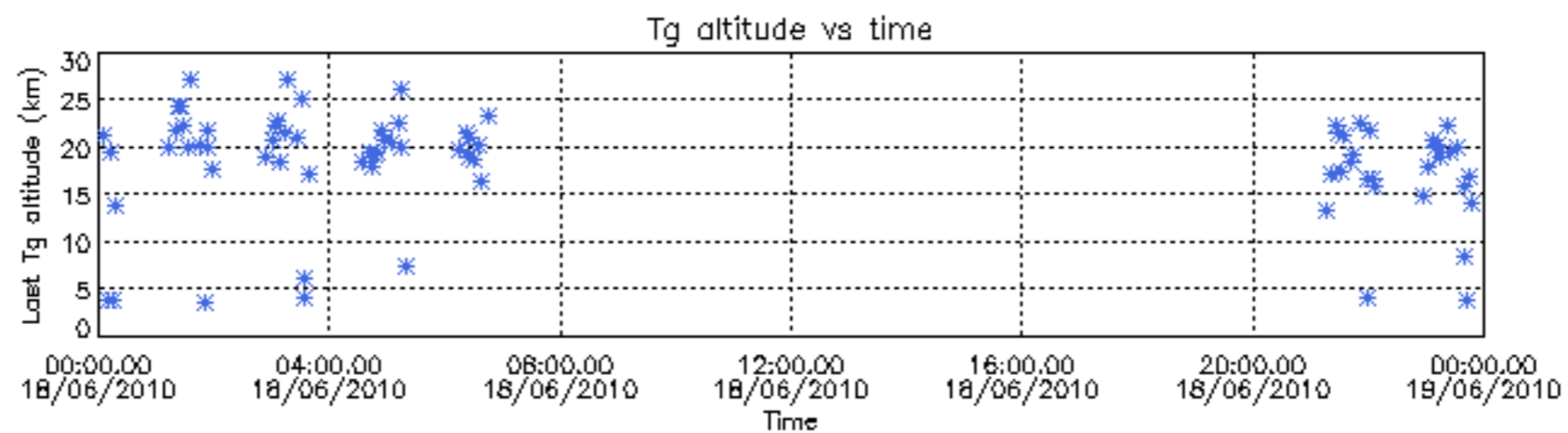
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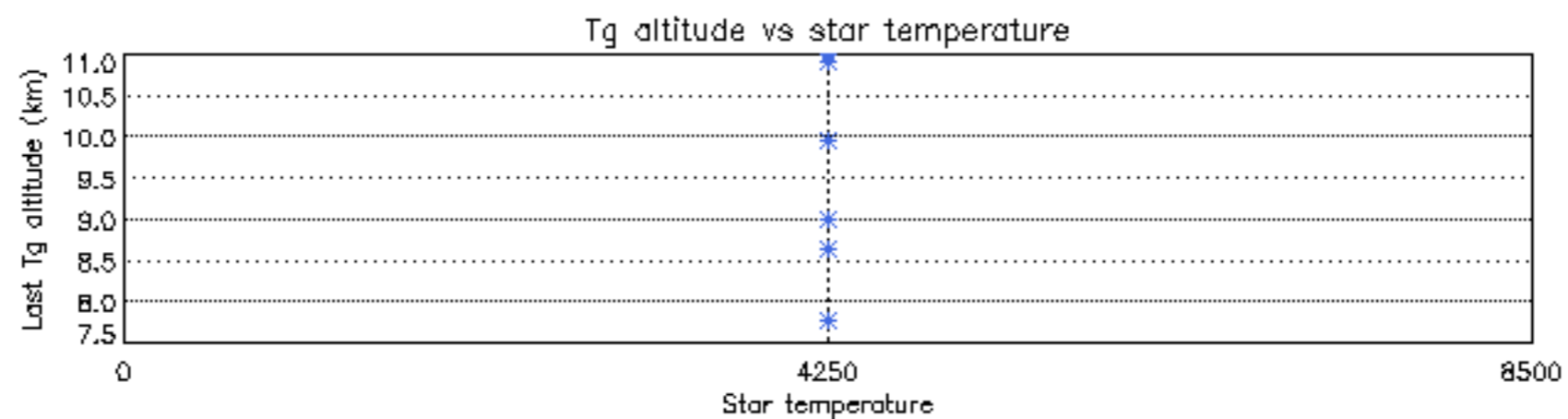
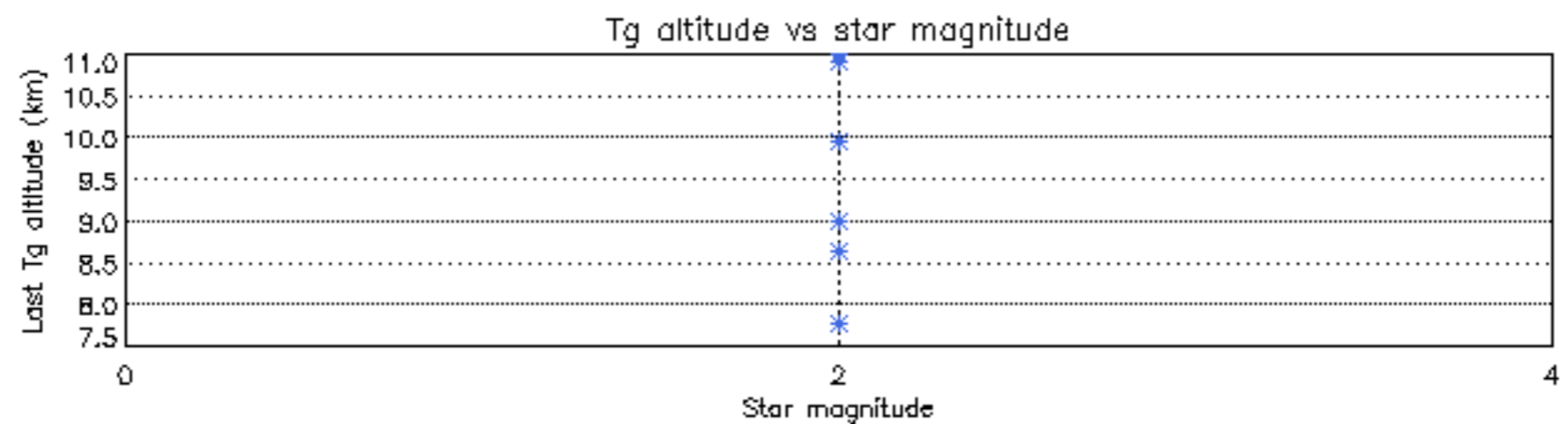
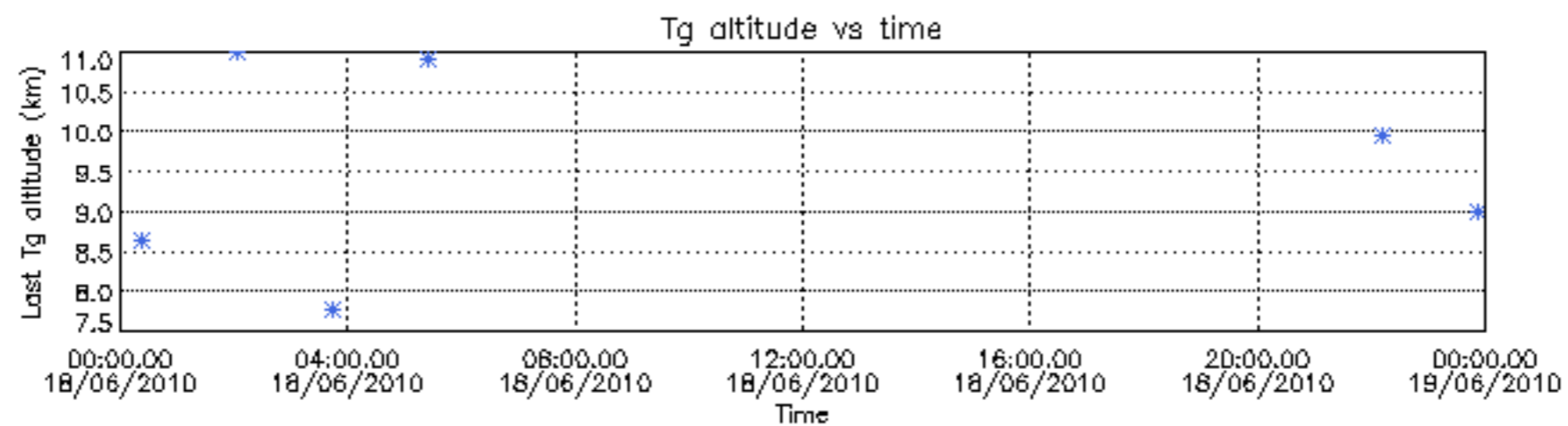
Tangent altitude at which the star is lost

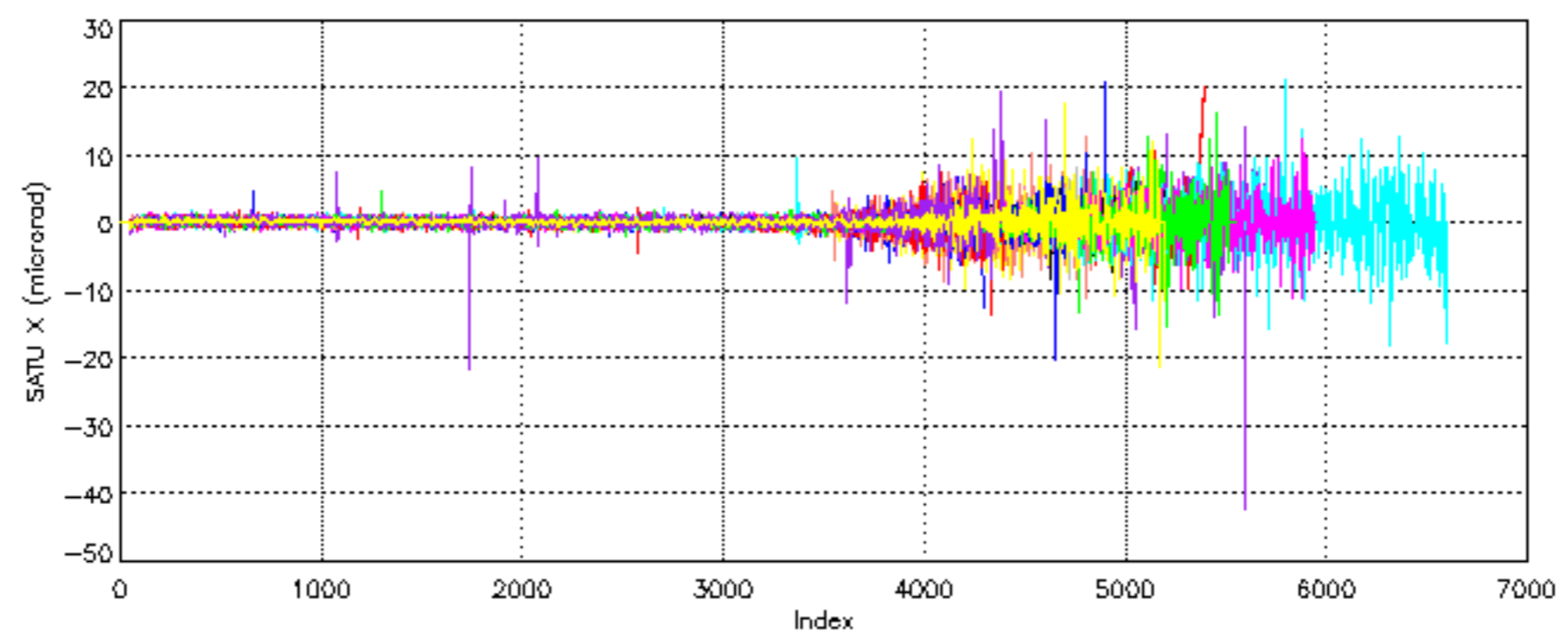


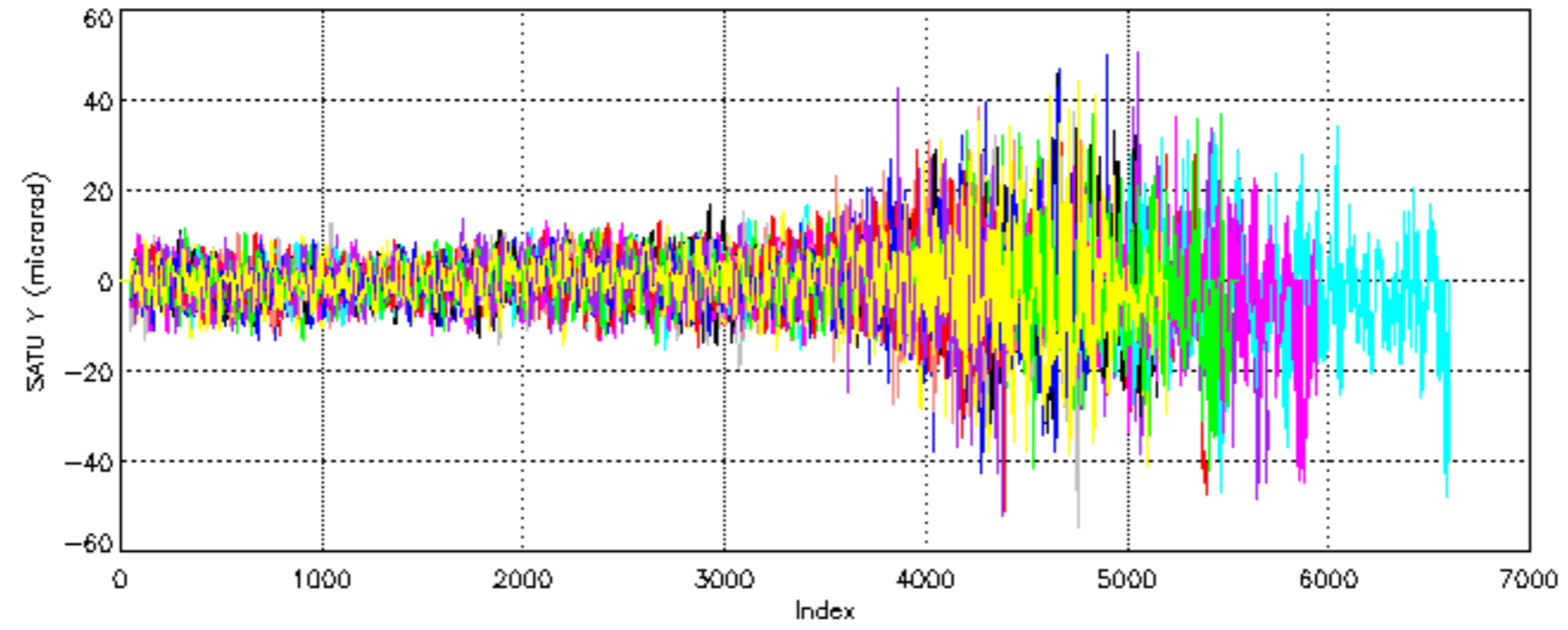
Tangent altitude at which the star is lost

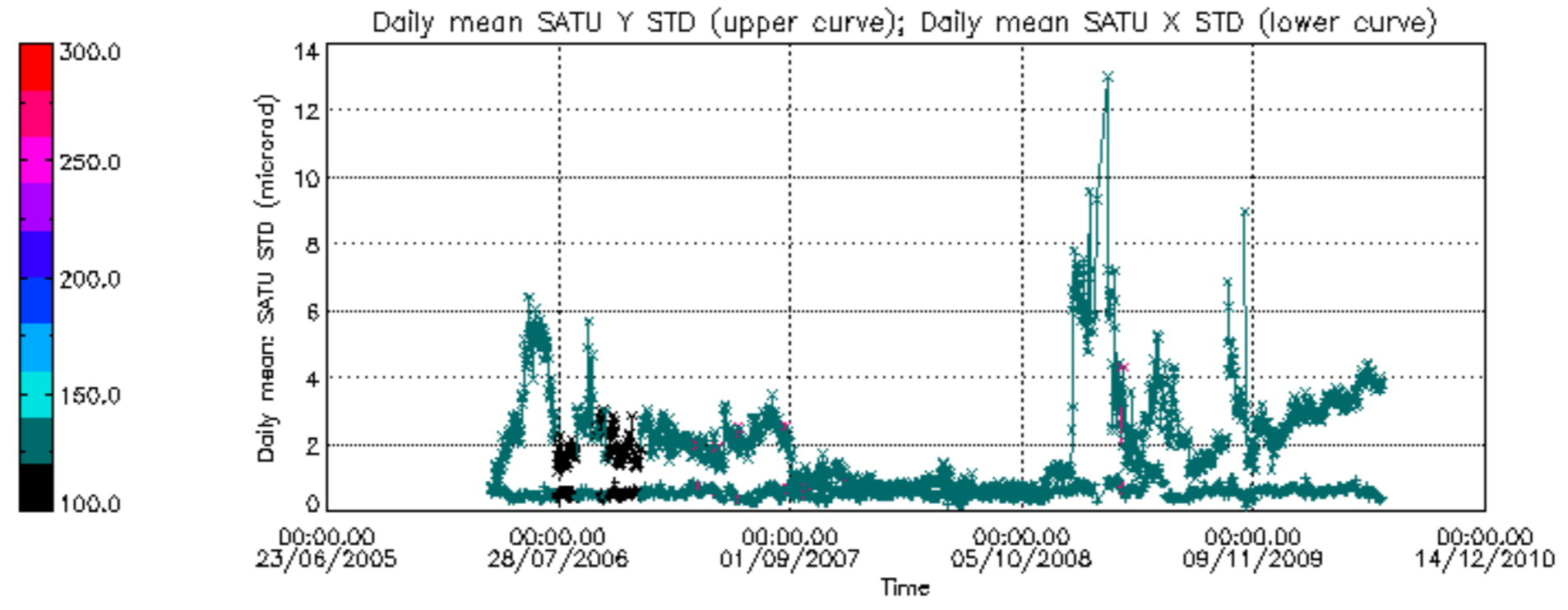


Tangent altitude at which the star is lost









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 6; 528.3; 16-JUN-2010 23:45:51; Dark ; 41.0; 172; Gam Gru ; 3.00; 13100;occ; 82; 0;43371
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 18; 3873.3; 17-JUN-2010 00:41:36; Bright; 64.0; 74; 11Bet Cas ; 2.27; 6600;occ; 128; 0;43371
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 4; 2005.1; 16-JUN-2010 17:28:04; Bright; 44.0; 126; 60Bet Oph ; 2.77; 4250;occ; 88; 0;43367
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13; 4411.6; 16-JUN-2010 18:08:11; Dark ; 60.5; 53; 43Bet And ; 2.05; 3300;occ; 121; 0;43367
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 6; 2275.9; 16-JUN-2010 19:13:11; Bright; 36.0; 127; 27Bet Her ; 2.78; 4700;occ; 72; 0;43368
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 19; 5979.0; 19-JUN-2010 18:40:03; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;43410
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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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8; 1312.8; 20-JUN-2010 00:04:41; Dark ; 49.5; 116; 19Del Sgr ; 2.70; 4100;occ; 99; 0;43414
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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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 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
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3; 384.5; 23-JUN-2010 23:23:20; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;43471
4; 506.4; 23-JUN-2010 23:25:22; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43471
5; 691.3; 23-JUN-2010 23:28:27; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43471
6; 1244.0; 23-JUN-2010 23:37:40; Dark ; 42.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 85; 0;43471
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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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12; 2711.5; 24-JUN-2010 00:02:07; Bright; 48.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 97; 0;43471

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 5; 691.9; 24-JUN-2010 01:09:03; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43472
 6; 1244.6; 24-JUN-2010 01:18:16; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;43472
 7; 1329.6; 24-JUN-2010 01:19:41; Dark ; 54.0; 116; 19Del Sgr ; 2.70; 4100;occ; 108; 0;43472
 8; 1459.5; 24-JUN-2010 01:21:51; Bright; 51.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 102; 0;43472
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11; 2446.4; 24-JUN-2010 01:38:18; Bright; 34.5; 133; 40Zet Her ; 2.81; 6000;occ; 69; 0;43472
12; 2710.8; 24-JUN-2010 01:42:42; Bright; 51.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 103; 0;43472
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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16; 3926.6; 24-JUN-2010 02:02:58; Bright; 46.5; 68; 18Alp Cas ; 2.22; 4500;occ; 93; 0;43472
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21; 4938.7; 24-JUN-2010 02:19:50; Dark ; 37.0; 94; 92Alp Cet ; 2.53; 3100;occ; 74; 0;43472
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 3; 386.5; 24-JUN-2010 02:44:34; Dark ; 64.5; 63; Bet Gru ; 2.15; 2800;occ; 129; 0;43473
 4; 508.0; 24-JUN-2010 02:46:35; Dark ; 54.0; 31; Alp Gru ; 1.73; 15200;occ; 108; 0;43473
 5; 692.2; 24-JUN-2010 02:49:39; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43473
 6; 1244.6; 24-JUN-2010 02:58:52; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;43473
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 9; 1987.9; 24-JUN-2010 03:11:15; Bright; 39.5; 126; 60Bet Oph ; 2.77; 4250;occ; 79; 0;43473
10; 2132.0; 24-JUN-2010 03:13:39; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43473
11; 2446.5; 24-JUN-2010 03:18:54; Bright; 35.5; 133; 40Zet Her ; 2.81; 6000;occ; 71; 0;43473
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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 3;-1971.1; 24-JUN-2010 03:45:52; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43473
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 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
12; 693.1; 24-JUN-2010 04:30:16; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43474
13; 1245.2; 24-JUN-2010 04:39:28; Dark ; 44.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 88; 0;43474
14; 1330.1; 24-JUN-2010 04:40:53; Dark ; 51.0; 116; 19Del Sgr ; 2.70; 4100;occ; 102; 0;43474
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
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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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 3; 1461.8; 24-JUN-2010 19:48:28; Bright; 51.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 103; 0;43483
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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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 9; 1462.1; 24-JUN-2010 23:09:41; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43485

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3; 10.0; 25-JUN-2010 00:26:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43486
4; 399.1; 25-JUN-2010 00:32:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;43486
5; 520.4; 25-JUN-2010 00:34:35; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43486
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7; 1248.9; 25-JUN-2010 00:46:43; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;43486
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9; 1462.4; 25-JUN-2010 00:50:17; Bright; 50.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 101; 0;43486
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19; 4417.1; 25-JUN-2010 01:39:31; Dark ; 44.5; 173; 4Bet Tri ; 3.00; 8900;occ; 89; 0;43486
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3; 10.9; 25-JUN-2010 02:06:41; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;43487
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5; 521.4; 25-JUN-2010 02:15:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;43487
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8; 1333.6; 25-JUN-2010 02:28:44; Dark ; 48.5; 116; 19Del Sgr ; 2.70; 4100;occ; 97; 0;43487
9; 1462.7; 25-JUN-2010 02:30:53; Bright; 48.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 96; 0;43487
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12; 2700.9; 25-JUN-2010 02:51:31; Bright; 50.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 100; 0;43487
13; 2826.6; 25-JUN-2010 02:53:37; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;43487
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3; -1970.9; 25-JUN-2010 03:14:15; Bright; 33.5; 160; 23Gam Per ; 2.93; 4700;occ; 67; 0;43487
4; -1765.8; 25-JUN-2010 03:17:40; Bright; 45.5; 73; 57Gam1And ; 2.26; 13100;occ; 91; 0;43487
5; -1618.4; 25-JUN-2010 03:20:08; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43487
6; -1383.2; 25-JUN-2010 03:24:03; Dark ; 62.0; 50; 13Alp Ari ; 2.01; 4250;occ; 124; 0;43487
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9; 12.0; 25-JUN-2010 03:47:18; Dark ; 45.0; 84; Alp Phe ; 2.40; 4500;occ; 90; 0;43488
10; 401.2; 25-JUN-2010 03:53:47; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43488
11; 522.3; 25-JUN-2010 03:55:48; Dark ; 49.5; 31; Alp Gru ; 1.73; 15200;occ; 99; 0;43488
12; 700.5; 25-JUN-2010 03:58:47; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;43488
13; 1249.4; 25-JUN-2010 04:07:55; Dark ; 46.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 93; 0;43488
14; 1334.1; 25-JUN-2010 04:09:20; Dark ; 54.0; 116; 19Del Sgr ; 2.70; 4100;occ; 108; 0;43488
15; 1462.9; 25-JUN-2010 04:11:29; Bright; 50.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 101; 0;43488
16; 1986.8; 25-JUN-2010 04:20:13; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43488
17; 2130.0; 25-JUN-2010 04:22:36; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43488
18; 2700.3; 25-JUN-2010 04:32:06; Bright; 49.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 98; 0;43488
19; 2826.3; 25-JUN-2010 04:34:12; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;43488
20; 3403.2; 25-JUN-2010 04:43:49; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43488

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 3; -1971.3; 25-JUN-2010 04:54:51; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43488
 4; -1765.8; 25-JUN-2010 04:58:16; Bright; 48.5; 73; 57Gam1And ; 2.26; 13100;occ; 97; 0;43488
 5; -1618.2; 25-JUN-2010 05:00:44; Dark ; 46.5; 173; 4Bet Tri ; 3.00; 8900;occ; 93; 0;43488
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 7; -602.0; 25-JUN-2010 05:17:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 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
 12; 701.3; 25-JUN-2010 05:39:23; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43489
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 14; 1333.9; 25-JUN-2010 05:49:56; Dark ; 47.0; 116; 19Del Sgr ; 2.70; 4100;occ; 94; 0;43489
 15; 1463.0; 25-JUN-2010 05:52:05; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43489
 16; 1986.8; 25-JUN-2010 06:00:49; Bright; 38.5; 126; 60Bet Oph ; 2.77; 4250;occ; 77; 0;43489
 17; 2129.7; 25-JUN-2010 06:03:12; Bright; 41.0; 59; 55Alp Oph ; 2.08; 8900;occ; 82; 0;43489
 18; 2699.6; 25-JUN-2010 06:12:42; Bright; 51.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 102; 0;43489
 19; 2826.0; 25-JUN-2010 06:14:48; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;43489
 20; 3402.4; 25-JUN-2010 06:24:24; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;43489

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 3; 1464.9; 25-JUN-2010 20:57:30; Bright; 48.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 97; 0;43498
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 6; 2693.7; 25-JUN-2010 21:17:59; Bright; 47.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 94; 0;43498
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 12; 4269.8; 25-JUN-2010 21:44:15; Bright; 47.5; 73; 57Gam1And ; 2.26; 13100;occ; 95; 0;43498
 13; 4418.5; 25-JUN-2010 21:46:44; Dark ; 44.5; 173; 4Bet Tri ; 3.00; 8900;occ; 89; 0;43498
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 5; 706.4; 25-JUN-2010 22:25:28; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43499
 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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 8; 1465.3; 25-JUN-2010 22:38:07; Bright; 49.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 99; 0;43499
 9; 1985.3; 25-JUN-2010 22:46:47; Bright; 40.0; 126; 60Bet Oph ; 2.77; 4250;occ; 80; 0;43499
 10; 2128.1; 25-JUN-2010 22:49:10; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43499
 11; 2693.2; 25-JUN-2010 22:58:35; Bright; 50.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 100; 0;43499
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 13; 3395.3; 25-JUN-2010 23:10:17; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 0;43499
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19; 4656.4; 26-JUN-2010 01:11:54; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 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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9; 414.9; 26-JUN-2010 03:22:24; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43502
10; 535.5; 26-JUN-2010 03:24:25; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;43502
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