

GOMOS Daily Report 03-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	06JUN2010 04:53:15
Data source version	GOMOS/5.00L04
Start time of products	03JUN2010 00:06:49
Stop time of products	03JUN2010 23:54:15
Store outputs in DB	Yes
Nb of level 1b prods	132
Nb of prods with errors	0

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

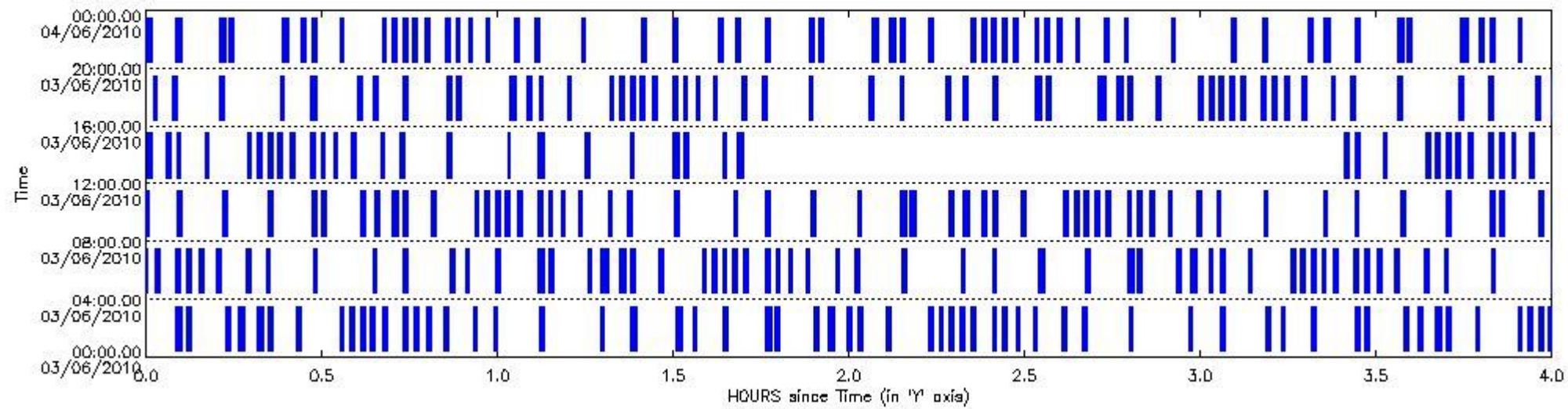
2.1 Level 0 products arrived in PCF (see template [here](#))

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

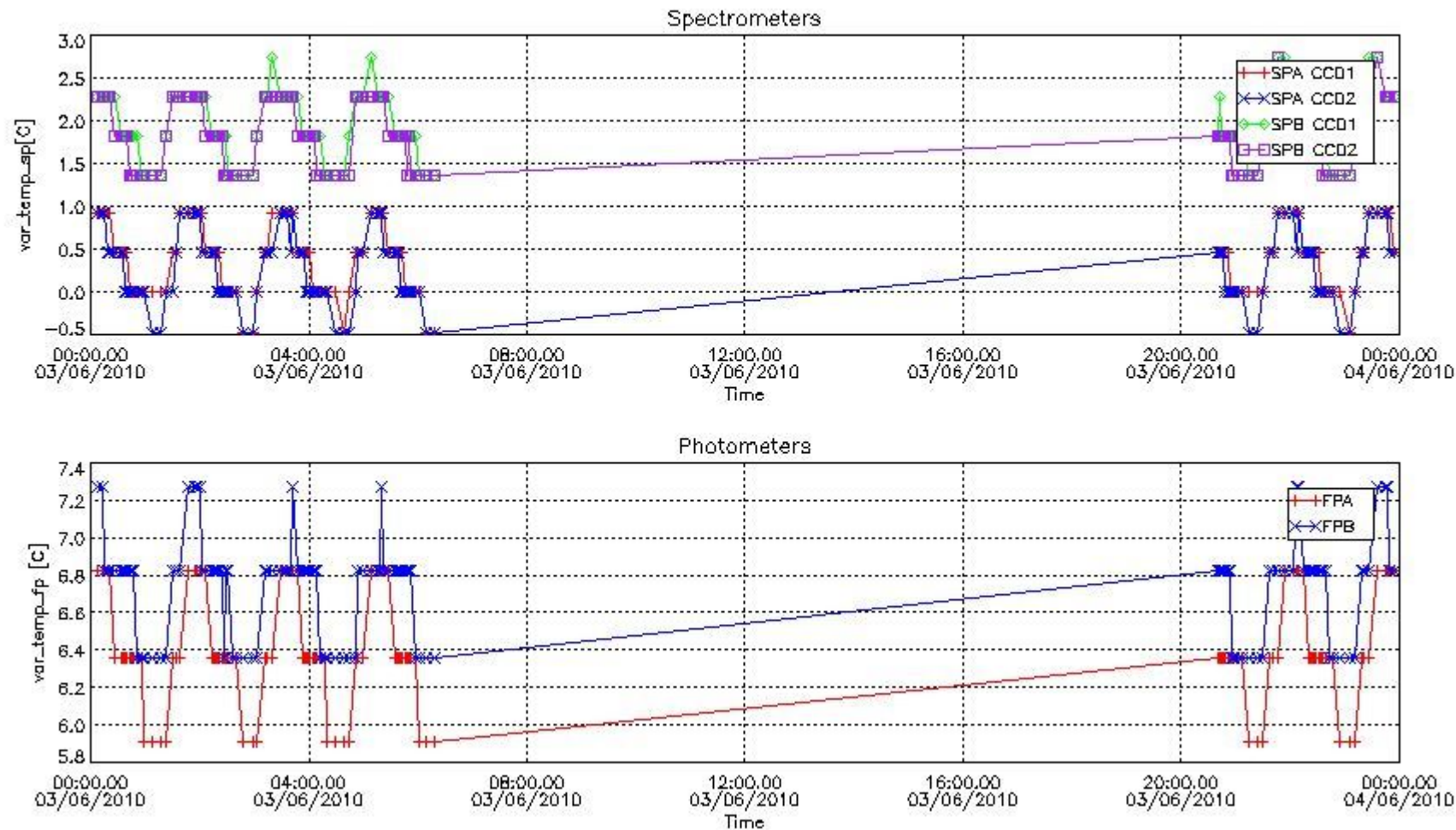
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100603_000649_000000472090_00030_43170_6054.N1	03-JUN-2010 00:06:49	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	43170	No
2	GOM_TRA_1PNPDE20100603_001329_000000452090_00030_43170_6055.N1	03-JUN-2010 00:13:29	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43170	No
3	GOM_TRA_1PNPDE20100603_001548_000000632090_00030_43170_6056.N1	03-JUN-2010 00:15:48	Dark	62.500	18	24Alp PsA	1.1660	9700.0	125	43170	No
4	GOM_TRA_1PNPDE20100603_001857_000000572090_00031_43171_6057.N1	03-JUN-2010 00:18:57	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	43171	No
5	GOM_TRA_1PNPDE20100603_002051_000000452090_00031_43171_6058.N1	03-JUN-2010 00:20:51	Dark	45.000	31	Alp Gru	1.7340	15200.	90	43171	No
6	GOM_TRA_1PNPDE20100603_002543_000000452090_00031_43171_6059.N1	03-JUN-2010 00:25:43	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43171	No
7	GOM_TRA_1PNPDE20100603_003303_000000412090_00031_43171_6060.N1	03-JUN-2010 00:33:03	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	43171	No
8	GOM_TRA_1PNPDE20100603_003445_000000472090_00031_43171_6061.N1	03-JUN-2010 00:34:45	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43171	No
9	GOM_TRA_1PNPDE20100603_003632_000000482090_00031_43171_6062.N1	03-JUN-2010 00:36:32	Twilight_stray	47.500	25	35Lam Sco	1.6200	28000.	95	43171	No
10	GOM_TRA_1PNPDE20100603_003815_000000462090_00031_43171_6063.N1	03-JUN-2010 00:38:15	Twilight_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	43171	No
11	GOM_TRA_1PNPDE20100603_004016_000000462090_00031_43171_6064.N1	03-JUN-2010 00:40:16	Bright	46.000	136	23Tau Sco	2.8220	30000.	92	43171	No
12	GOM_TRA_1PNPDE20100603_004351_000000452090_00031_43171_6065.N1	03-JUN-2010 00:43:51	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	43171	No

13	GOM_TRA_1PNPDE20100603_004541_000000422090_00031_43171_6066.N1	03-JUN-2010 00:45:41	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	43171	No
14	GOM_TRA_1PNPDE20100603_004751_000000412090_00031_43171_6067.N1	03-JUN-2010 00:47:51	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	43171	No
15	GOM_TRA_1PNPDE20100603_005051_000000372090_00031_43171_6068.N1	03-JUN-2010 00:50:51	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	43171	No
16	GOM_TRA_1PNPDE20100603_005551_000000422090_00031_43171_6069.N1	03-JUN-2010 00:55:51	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	43171	No
17	GOM_TRA_1PNPDE20100603_005914_000000452090_00031_43171_6070.N1	03-JUN-2010 00:59:14	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	43171	No
18	GOM_TRA_1PNPDE20100603_010715_000000372090_00031_43171_6071.N1	03-JUN-2010 01:07:15	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	43171	No
19	GOM_TRA_1PNPDE20100603_011731_000000332090_00031_43171_6072.N1	03-JUN-2010 01:17:31	Tw_i_and_stray	33.000	89	5Alp Cep	2.4510	8000.0	66	43171	No
20	GOM_TRA_1PNPDE20100603_012244_000000562090_00031_43171_6073.N1	03-JUN-2010 01:22:44	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	43171	No
21	GOM_TRA_1PNPDE20100603_013034_000000582090_00031_43171_6074.N1	03-JUN-2010 01:30:34	Bright	58.000	53	43Bet And	2.0480	3300.0	116	43171	No
22	GOM_TRA_1PNPDE20100603_013319_000000412090_00031_43171_6075.N1	03-JUN-2010 01:33:19	Tw_i_and_stray	41.000	58	21Alp And	2.0730	11000.	82	43171	No
23	GOM_TRA_1PNPDE20100603_013823_000000522090_00031_43171_6076.N1	03-JUN-2010 01:38:23	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	43171	No
24	GOM_TRA_1PNPDE20100603_014726_000000482090_00031_43171_6066.N1	03-JUN-2010 01:47:26	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	43171	No
25	GOM_TRA_1PNPDE20100603_015406_000000442090_00031_43171_6067.N1	03-JUN-2010 01:54:06	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	43171	No
26	GOM_TRA_1PNPDE20100603_015625_000000662090_00031_43171_6068.N1	03-JUN-2010 01:56:25	Dark	66.000	18	24Alp PsA	1.1660	9700.0	132	43171	No
27	GOM_TRA_1PNPDE20100603_015933_000000482090_00032_43172_6069.N1	03-JUN-2010 01:59:33	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	43172	No
28	GOM_TRA_1PNPDE20100603_020127_000000482090_00032_43172_6070.N1	03-JUN-2010 02:01:27	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43172	No
29	GOM_TRA_1PNPDE20100603_020619_000000452090_00032_43172_6071.N1	03-JUN-2010 02:06:19	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43172	No
30	GOM_TRA_1PNPDE20100603_021339_000000422090_00032_43172_6072.N1	03-JUN-2010 02:13:39	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	43172	No
31	GOM_TRA_1PNPDE20100603_021521_000000442090_00032_43172_6073.N1	03-JUN-2010 02:15:21	Straylight	44.000	40	The Sco	1.8590	7100.0	88	43172	No
32	GOM_TRA_1PNPDE20100603_021708_000000482090_00032_43172_6074.N1	03-JUN-2010 02:17:08	Tw_i_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	43172	No
33	GOM_TRA_1PNPDE20100603_021852_000000462090_00032_43172_6075.N1	03-JUN-2010 02:18:52	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	43172	No
34	GOM_TRA_1PNPDE20100603_022052_000000472090_00032_43172_6076.N1	03-JUN-2010 02:20:52	Bright	47.000	136	23Tau Sco	2.8220	30000.	94	43172	No
35	GOM_TRA_1PNPDE20100603_022427_000000452090_00032_43172_6077.N1	03-JUN-2010 02:24:27	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	43172	No
36	GOM_TRA_1PNPDE20100603_022617_000000422090_00032_43172_6078.N1	03-JUN-2010 02:26:17	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	43172	No
37	GOM_TRA_1PNPDE20100603_022827_000000392090_00032_43172_6079.N1	03-JUN-2010 02:28:27	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	43172	No
38	GOM_TRA_1PNPDE20100603_023127_000000362090_00032_43172_6080.N1	03-JUN-2010 02:31:27	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	43172	No
39	GOM_TRA_1PNPDE20100603_023627_000000442090_00032_43172_6081.N1	03-JUN-2010 02:36:27	Bright	43.500	127	27Bet Her	2.7810	4700.0	87	43172	No
40	GOM_TRA_1PNPDE20100603_023949_000000412090_00032_43172_6082.N1	03-JUN-2010 02:39:49	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	43172	No
41	GOM_TRA_1PNPDE20100603_024751_000000352090_00032_43172_6083.N1	03-JUN-2010 02:47:51	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	43172	No
42	GOM_TRA_1PNPDE20100603_025806_000000322090_00032_43172_6103.N1	03-JUN-2010 02:58:06	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	43172	No
43	GOM_TRA_1PNPDE20100603_030320_000000462090_00032_43172_6104.N1	03-JUN-2010 03:03:20	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	43172	No
44	GOM_TRA_1PNPDE20100603_031109_000000472090_00032_43172_6105.N1	03-JUN-2010 03:11:09	Bright	47.000	53	43Bet And	2.0480	3300.0	94	43172	No
45	GOM_TRA_1PNPDE20100603_031354_000000332090_00032_43172_6106.N1	03-JUN-2010 03:13:54	Tw_i_and_stray	33.000	58	21Alp And	2.0730	11000.	66	43172	No
46	GOM_TRA_1PNPDE20100603_031900_000000522090_00032_43172_6107.N1	03-JUN-2010 03:19:00	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	43172	No
47	GOM_TRA_1PNPDE20100603_032802_000000502090_00032_43172_6108.N1	03-JUN-2010 03:28:02	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	43172	No
48	GOM_TRA_1PNPDE20100603_033442_000000472090_00032_43172_6109.N1	03-JUN-2010 03:34:42	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43172	No
49	GOM_TRA_1PNPDE20100603_033702_000000562090_00032_43172_6110.N1	03-JUN-2010 03:37:02	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	43172	No
50	GOM_TRA_1PNPDE20100603_034010_000000582090_00033_43173_6111.N1	03-JUN-2010 03:40:10	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	43173	No
51	GOM_TRA_1PNPDE20100603_034205_000000482090_00033_43173_6112.N1	03-JUN-2010 03:42:05	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43173	No
52	GOM_TRA_1PNPDE20100603_034656_000000442090_00033_43173_6113.N1	03-JUN-2010 03:46:56	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43173	No
53	GOM_TRA_1PNPDE20100603_035415_000000402090_00033_43173_6114.N1	03-JUN-2010 03:54:15	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	43173	No
54	GOM_TRA_1PNPDE20100603_035557_000000452090_00033_43173_6115.N1	03-JUN-2010 03:55:57	Straylight	44.500	40	The Sco	1.8590	7100.0	89	43173	No
55	GOM_TRA_1PNPDE20100603_035745_000000482090_00033_43173_6116.N1	03-JUN-2010 03:57:45	Tw_i_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	43173	No
56	GOM_TRA_1PNPDE20100603_035928_000000482090_00033_43173_6117.N1	03-JUN-2010 03:59:28	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	43173	No
57	GOM_TRA_1PNPDE20100603_040128_000000522090_00033_43173_6118.N1	03-JUN-2010 04:01:28	Bright	51.500	136	23Tau Sco	2.8220	30000.	103	43173	No
58	GOM_TRA_1PNPDE20100603_040503_000000462090_00033_43173_6119.N1	03-JUN-2010 04:05:03	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	43173	No
59	GOM_TRA_1PNPDE20100603_040653_000000412090_00033_43173_6120.N1	03-JUN-2010 04:06:53	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	43173	No
60	GOM_TRA_1PNPDE20100603_040903_000000412090_00033_43173_6121.N1	03-JUN-2010 04:09:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43173	No
61	GOM_TRA_1PNPDE20100603_041203_000000372090_00033_43173_6122.N1	03-JUN-2010 04:12:03	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	43173	No
62	GOM_TRA_1PNPDE20100603_041702_000000422090_00033_43173_6123.N1	03-JUN-2010 04:17:02	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	43173	No
63	GOM_TRA_1PNPDE20100603_042025_000000442090_00033_43173_6124.N1	03-JUN-2010 04:20:25	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	43173	No
64	GOM_TRA_1PNPDE20100603_042826_000000402090_00033_43173_6125.N1	03-JUN-2010 04:28:26	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	43173	No
65	GOM_TRA_1PNPDE20100603_043841_000000322090_00033_43173_6126.N1	03-JUN-2010 04:38:41	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	43173	No
66	GOM_TRA_1PNPDE20100603_044355_000000362090_00033_43173_6121.N1	03-JUN-2010 04:43:55	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	43173	No
67	GOM_TRA_1PNPDE20100603_045146_000000502090_00033_43173_6122.N1	03-JUN-2010 04:51:46	Bright	49.500	53	43Bet And	2.0480	3300.0	99	43173	No
68	GOM_TRA_1PNPDE20100603_045431_000000332090_00033_43173_6123.N1	03-JUN-2010 04:54:31	Tw_i_and_stray	33.000	58	21Alp And	2.0730	11000.	66	43173	No
69	GOM_TRA_1PNPDE20100603_045936_000000512090_00033_43173_6124.N1	03-JUN-2010 04:59:36	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	43173	No
70	GOM_TRA_1PNPDE20100603_050839_000000482090_00033_43173_6125.N1	03-JUN-2010 05:08:39	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	43173	No
71	GOM_TRA_1PNPDE20100603_051519_000000442090_00033_43173_6126.N1	03-JUN-2010 05:15:19	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	43173	No

72	GOM_TRA_1PNPDE20100603_051739_000000682090_00033_43173_6127.N1	03-JUN-2010 05:17:39	Dark	68.000	18	24Alp PsA	1.1660	9700.0	136	43173	No
73	GOM_TRA_1PNPDE20100603_052047_000000572090_00034_43174_6128.N1	03-JUN-2010 05:20:47	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	43174	No
74	GOM_TRA_1PNPDE20100603_052241_000000462090_00034_43174_6129.N1	03-JUN-2010 05:22:41	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43174	No
75	GOM_TRA_1PNPDE20100603_052733_000000442090_00034_43174_6130.N1	03-JUN-2010 05:27:33	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43174	No
76	GOM_TRA_1PNPDE20100603_053452_000000402090_00034_43174_6131.N1	03-JUN-2010 05:34:52	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	43174	No
77	GOM_TRA_1PNPDE20100603_053634_000000462090_00034_43174_6132.N1	03-JUN-2010 05:36:34	Straylight	45.500	40	The Sco	1.8590	7100.0	91	43174	No
78	GOM_TRA_1PNPDE20100603_053821_000000472090_00034_43174_6133.N1	03-JUN-2010 05:38:21	Twilight_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	43174	No
79	GOM_TRA_1PNPDE20100603_054004_000000472090_00034_43174_6134.N1	03-JUN-2010 05:40:04	Twilight_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	43174	No
80	GOM_TRA_1PNPDE20100603_054205_000000472090_00034_43174_6135.N1	03-JUN-2010 05:42:05	Bright	46.500	136	23Tau Sco	2.8220	30000.	93	43174	No
81	GOM_TRA_1PNPDE20100603_054539_000000452090_00034_43174_6136.N1	03-JUN-2010 05:45:39	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	43174	No
82	GOM_TRA_1PNPDE20100603_054729_000000412090_00034_43174_6137.N1	03-JUN-2010 05:47:29	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	43174	No
83	GOM_TRA_1PNPDE20100603_054939_000000392090_00034_43174_6138.N1	03-JUN-2010 05:49:39	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	43174	No
84	GOM_TRA_1PNPDE20100603_055240_000000372090_00034_43174_6139.N1	03-JUN-2010 05:52:40	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	43174	No
85	GOM_TRA_1PNPDE20100603_055738_000000412090_00034_43174_6140.N1	03-JUN-2010 05:57:38	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	43174	No
86	GOM_TRA_1PNPDE20100603_060100_000000442090_00034_43174_6141.N1	03-JUN-2010 06:01:00	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	43174	No
87	GOM_TRA_1PNPDE20100603_060902_000000412090_00034_43174_6142.N1	03-JUN-2010 06:09:02	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43174	No
88	GOM_TRA_1PNPDE20100603_061917_000000312090_00034_43174_6143.N1	03-JUN-2010 06:19:17	Twilight_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	43174	No
89	GOM_TRA_1PNPDE20100603_204019_000000412090_00043_43183_6257.N1	03-JUN-2010 20:40:19	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	43183	No
90	GOM_TRA_1PNPDE20100603_204201_000000492090_00043_43183_6258.N1	03-JUN-2010 20:42:01	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43183	No
91	GOM_TRA_1PNPDE20100603_204348_000000472090_00043_43183_6259.N1	03-JUN-2010 20:43:48	Twilight_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	43183	No
92	GOM_TRA_1PNPDE20100603_204530_000000452090_00043_43183_6260.N1	03-JUN-2010 20:45:30	Twilight_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	43183	No
93	GOM_TRA_1PNPDE20100603_204730_000000512090_00043_43183_6261.N1	03-JUN-2010 20:47:30	Bright	50.500	136	23Tau Sco	2.8220	30000.	101	43183	No
94	GOM_TRA_1PNPDE20100603_205103_000000452090_00043_43183_6262.N1	03-JUN-2010 20:51:03	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	43183	No
95	GOM_TRA_1PNPDE20100603_205253_000000412090_00043_43183_6263.N1	03-JUN-2010 20:52:53	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	43183	No
96	GOM_TRA_1PNPDE20100603_205502_000000392090_00043_43183_6264.N1	03-JUN-2010 20:55:02	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	43183	No
97	GOM_TRA_1PNPDE20100603_205803_000000362090_00043_43183_6265.N1	03-JUN-2010 20:58:03	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	43183	No
98	GOM_TRA_1PNPDE20100603_210258_000000432090_00043_43183_6266.N1	03-JUN-2010 21:02:58	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	43183	No
99	GOM_TRA_1PNPDE20100603_210620_000000442090_00043_43183_6267.N1	03-JUN-2010 21:06:20	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	43183	No
100	GOM_TRA_1PNPDE20100603_211423_000000382090_00043_43183_6268.N1	03-JUN-2010 21:14:23	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43183	No
101	GOM_TRA_1PNPDE20100603_212435_000000482090_00043_43183_6269.N1	03-JUN-2010 21:24:35	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43183	No
102	GOM_TRA_1PNPDE20100603_212954_000000562090_00043_43183_6270.N1	03-JUN-2010 21:29:54	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	43183	No
103	GOM_TRA_1PNPDE20100603_213746_000000492090_00043_43183_6271.N1	03-JUN-2010 21:37:46	Bright	48.500	53	43Bet And	2.0480	3300.0	97	43183	No
104	GOM_TRA_1PNPDE20100603_214032_000000572090_00043_43183_6272.N1	03-JUN-2010 21:40:32	Twilight_and_stray	56.500	58	21Alp And	2.0730	11000.	113	43183	No
105	GOM_TRA_1PNPDE20100603_214541_000000552090_00043_43183_6273.N1	03-JUN-2010 21:45:41	Dark	54.500	140	88Gam Peg	2.8340	26000.	109	43183	No
106	GOM_TRA_1PNPDE20100603_215445_000000472090_00043_43183_6280.N1	03-JUN-2010 21:54:45	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	43183	No
107	GOM_TRA_1PNPDE20100603_220352_000000682090_00043_43183_6281.N1	03-JUN-2010 22:03:52	Dark	68.000	18	24Alp PsA	1.1660	9700.0	136	43183	No
108	GOM_TRA_1PNPDE20100603_220655_000000612090_00044_43184_6282.N1	03-JUN-2010 22:06:55	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	43184	No
109	GOM_TRA_1PNPDE20100603_220850_000000492090_00044_43184_6283.N1	03-JUN-2010 22:08:50	Dark	49.000	31	Alp Gru	1.7340	15200.	98	43184	No
110	GOM_TRA_1PNPDE20100603_221339_000000422090_00044_43184_6284.N1	03-JUN-2010 22:13:39	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43184	No
111	GOM_TRA_1PNPDE20100603_222055_000000442090_00044_43184_6285.N1	03-JUN-2010 22:20:55	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	43184	No
112	GOM_TRA_1PNPDE20100603_222237_000000472090_00044_43184_6286.N1	03-JUN-2010 22:22:37	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43184	No
113	GOM_TRA_1PNPDE20100603_222424_000000462090_00044_43184_6287.N1	03-JUN-2010 22:24:24	Twilight_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	43184	No
114	GOM_TRA_1PNPDE20100603_222606_000000442090_00044_43184_6288.N1	03-JUN-2010 22:26:06	Twilight_and_stray	43.500	75	26Eps Sco	2.2910	4250.0	87	43184	No
115	GOM_TRA_1PNPDE20100603_222806_000000462090_00044_43184_6289.N1	03-JUN-2010 22:28:06	Bright	46.000	136	23Tau Sco	2.8220	30000.	92	43184	No
116	GOM_TRA_1PNPDE20100603_223139_000000452090_00044_43184_6290.N1	03-JUN-2010 22:31:39	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	43184	No
117	GOM_TRA_1PNPDE20100603_223329_000000412090_00044_43184_6291.N1	03-JUN-2010 22:33:29	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	43184	No
118	GOM_TRA_1PNPDE20100603_223538_000000412090_00044_43184_6292.N1	03-JUN-2010 22:35:38	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	43184	No
119	GOM_TRA_1PNPDE20100603_223838_000000362090_00044_43184_6293.N1	03-JUN-2010 22:38:38	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	43184	No
120	GOM_TRA_1PNPDE20100603_224334_000000422090_00044_43184_6294.N1	03-JUN-2010 22:43:34	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	43184	No
121	GOM_TRA_1PNPDE20100603_224655_000000422090_00044_43184_6295.N1	03-JUN-2010 22:46:55	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	43184	No
122	GOM_TRA_1PNPDE20100603_225459_000000412090_00044_43184_6296.N1	03-JUN-2010 22:54:59	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43184	No
123	GOM_TRA_1PNPDE20100603_230510_000000492090_00044_43184_6297.N1	03-JUN-2010 23:05:10	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43184	No
124	GOM_TRA_1PNPDE20100603_231029_000000542090_00044_43184_6298.N1	03-JUN-2010 23:10:29	Bright	53.500	76	27Gam Cas	2.3000	30000.	107	43184	No
125	GOM_TRA_1PNPDE20100603_231822_000000482090_00044_43184_6299.N1	03-JUN-2010 23:18:22	Bright	48.000	53	43Bet And	2.0480	3300.0	96	43184	No
126	GOM_TRA_1PNPDE20100603_232108_000000562090_00044_43184_6300.N1	03-JUN-2010 23:21:08	Twilight_and_stray	56.000	58	21Alp And	2.0730	11000.	112	43184	No
127	GOM_TRA_1PNPDE20100603_232618_000000542090_00044_43184_6301.N1	03-JUN-2010 23:26:18	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	43184	No
128	GOM_TRA_1PNPDE20100603_233521_000000462090_00044_43184_6299.N1	03-JUN-2010 23:35:21	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43184	No
129	GOM_TRA_1PNPDE20100603_234429_000000672090_00044_43184_6300.N1	03-JUN-2010 23:44:29	Dark	66.500	18	24Alp PsA	1.1660	9700.0	133	43184	No
130	GOM_TRA_1PNPDE20100603_234732_000000572090_00045_43185_6301.N1	03-JUN-2010 23:47:32	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	43185	No

131	GOM_TRA_1PNPDE20100603_234927_000000442090_00045_43185_6302.N1	03-JUN-2010 23:49:27	Dark	44.000	31	Alp Gru	1.7340	15200.	88	43185	No
132	GOM_TRA_1PNPDE20100603_235415_000000432090_00045_43185_6303.N1	03-JUN-2010 23:54:15	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43185	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).

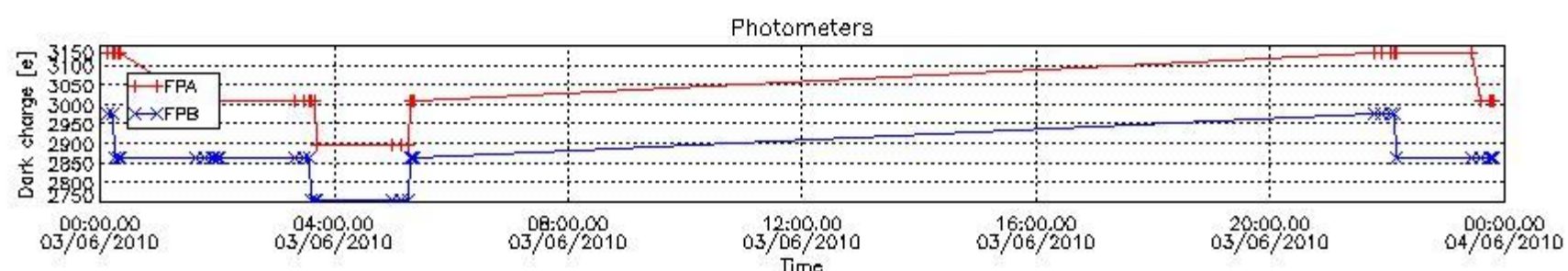
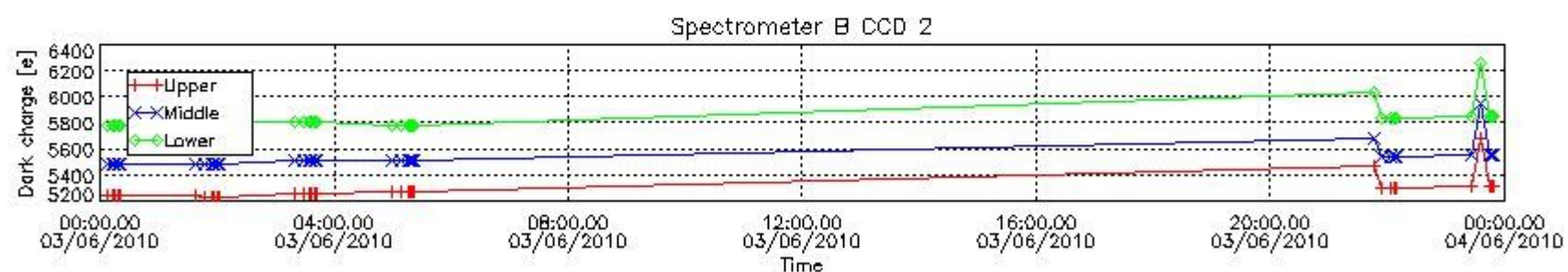
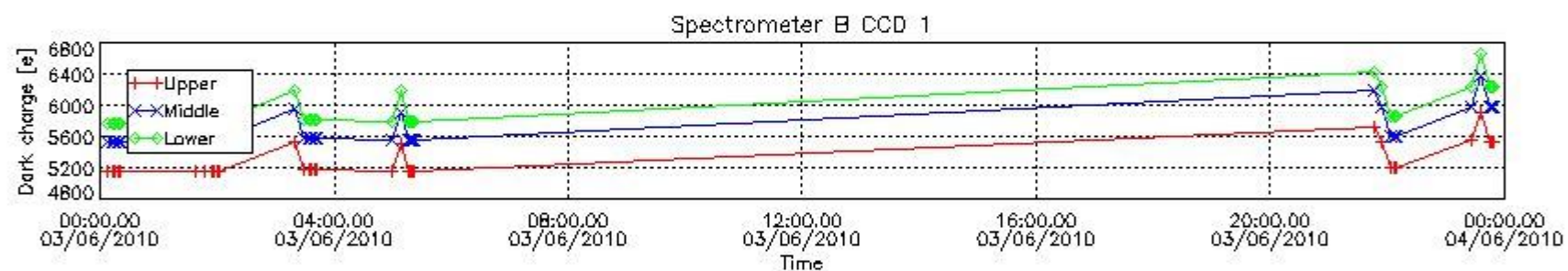
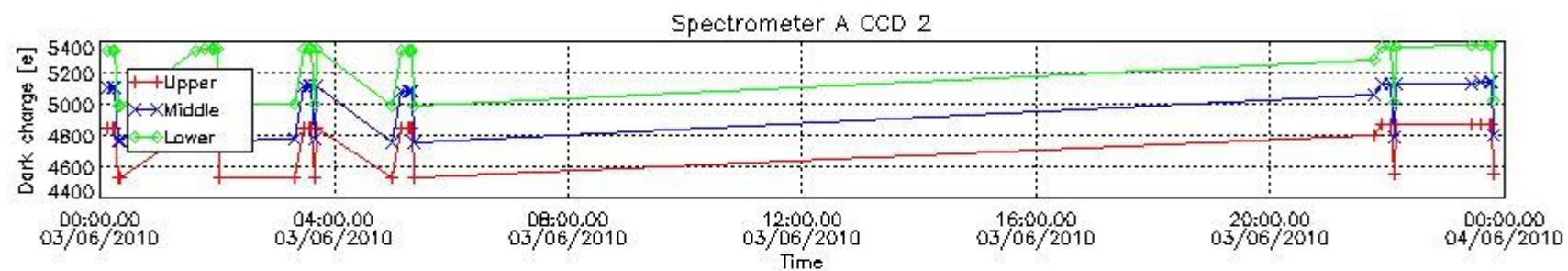
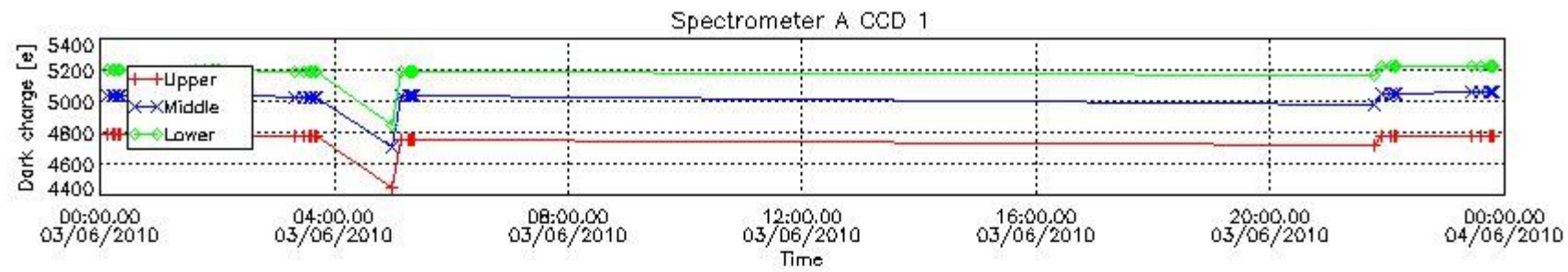
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100603_204019_000000412090_00043_43183_6257.N1	DC map used
GOM_TRA_1PNPDE20100603_204201_000000492090_00043_43183_6258.N1	DC map used
GOM_TRA_1PNPDE20100603_204348_000000472090_00043_43183_6259.N1	DC map used
GOM_TRA_1PNPDE20100603_204530_000000452090_00043_43183_6260.N1	DC map used
GOM_TRA_1PNPDE20100603_204730_000000512090_00043_43183_6261.N1	DC map used
GOM_TRA_1PNPDE20100603_205103_000000452090_00043_43183_6262.N1	DC map used
GOM_TRA_1PNPDE20100603_205253_000000412090_00043_43183_6263.N1	DC map used
GOM_TRA_1PNPDE20100603_205502_000000392090_00043_43183_6264.N1	DC map used

GOM_TRA_1PNPDE20100603_205803_000000362090_00043_43183_6265.N1	DC map used
GOM_TRA_1PNPDE20100603_210258_000000432090_00043_43183_6266.N1	DC map used
GOM_TRA_1PNPDE20100603_210620_000000442090_00043_43183_6267.N1	DC map used
GOM_TRA_1PNPDE20100603_211423_000000382090_00043_43183_6268.N1	DC map used
GOM_TRA_1PNPDE20100603_212435_000000482090_00043_43183_6269.N1	DC map used
GOM_TRA_1PNPDE20100603_212954_000000562090_00043_43183_6270.N1	DC map used
GOM_TRA_1PNPDE20100603_213746_000000492090_00043_43183_6271.N1	DC map used
GOM_TRA_1PNPDE20100603_214032_000000572090_00043_43183_6272.N1	DC map used
GOM_TRA_1PNPDE20100603_214541_000000552090_00043_43183_6273.N1	DC map used

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



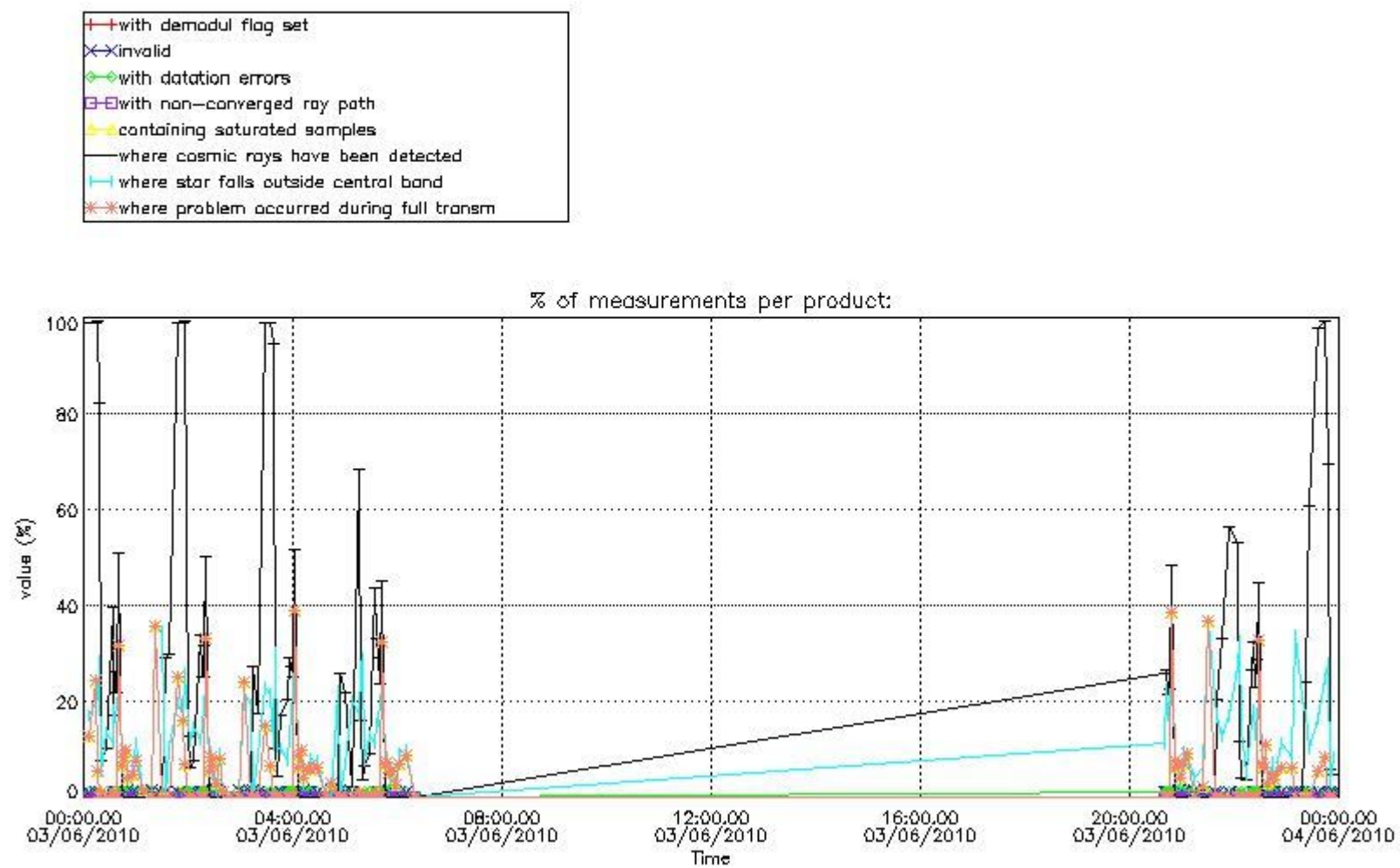
5. Demodulation flag and quality information monitoring

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.

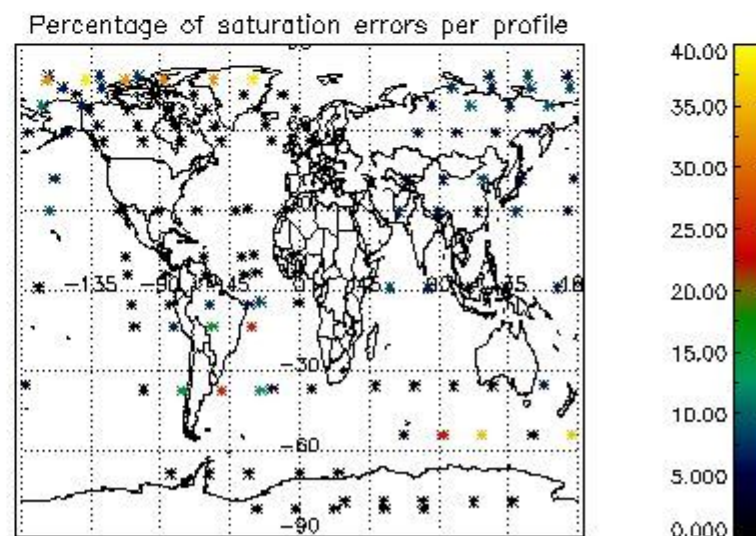
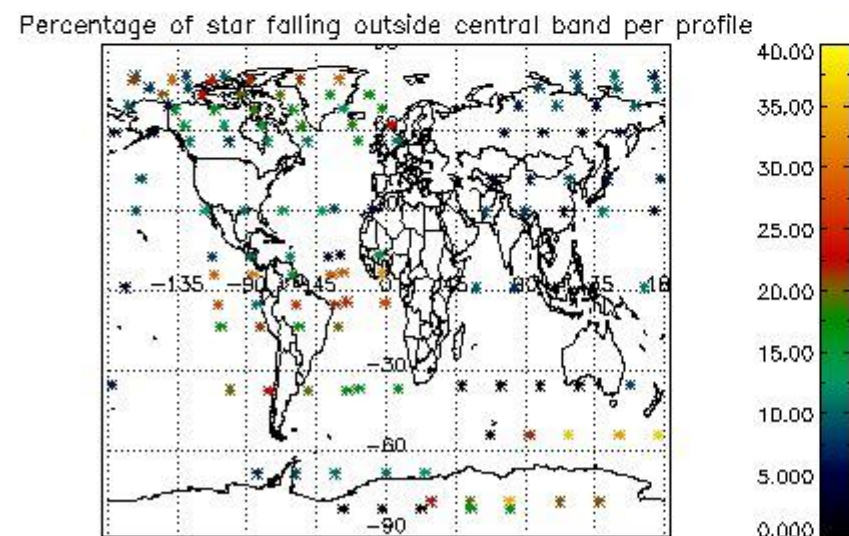
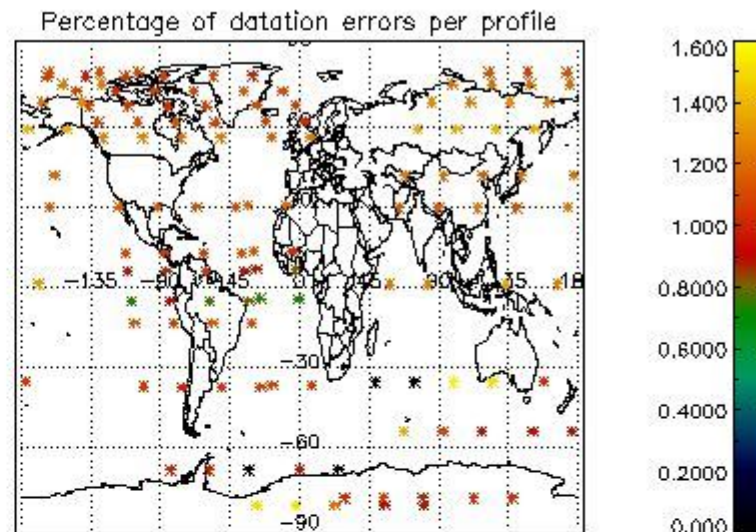
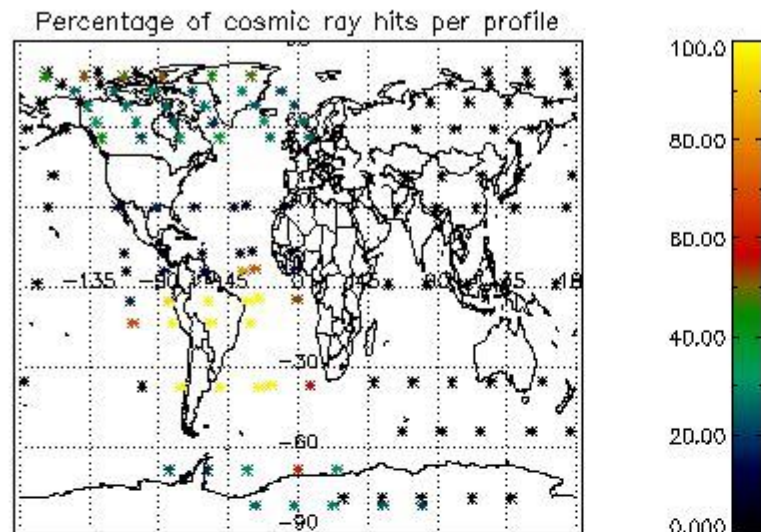
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	44.6970 %
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)



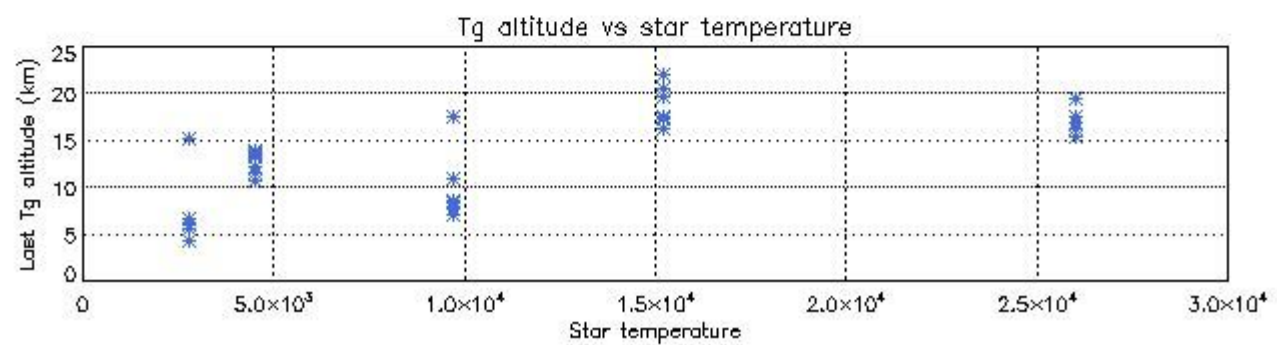
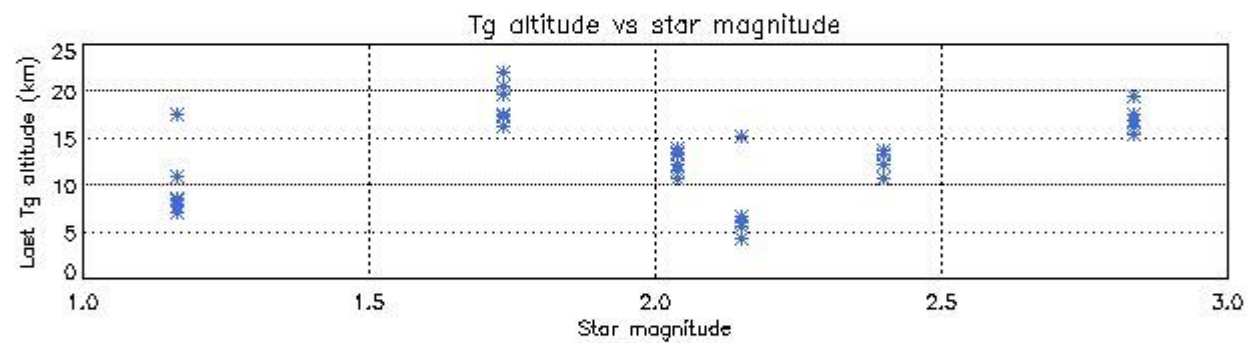
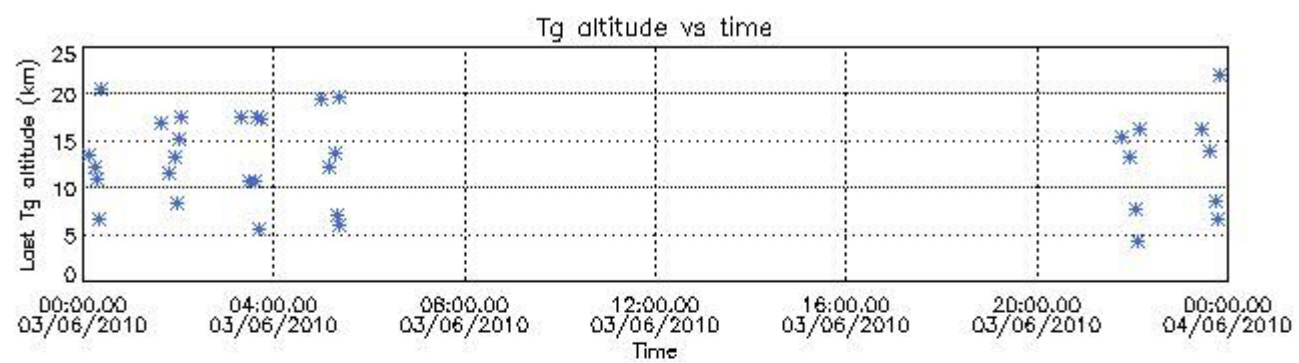
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.955	17.529	NaN
St. deviation:	4.7934	5.7076	NaN
Maximum:	22.006	30.241	NaN
Minimum:	4.3076	3.6200	NaN
Number of data:	33.000	60.000	NaN

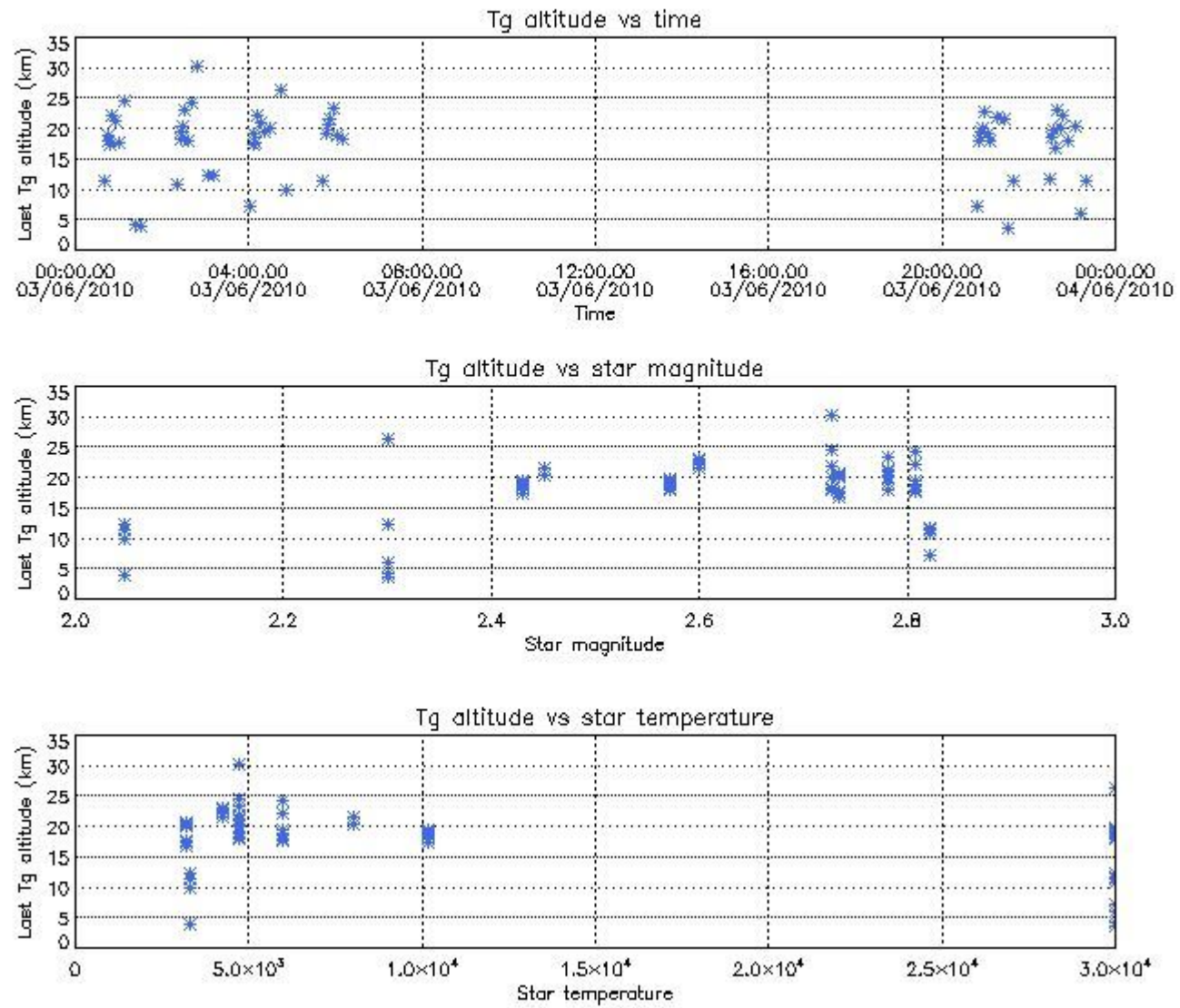
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

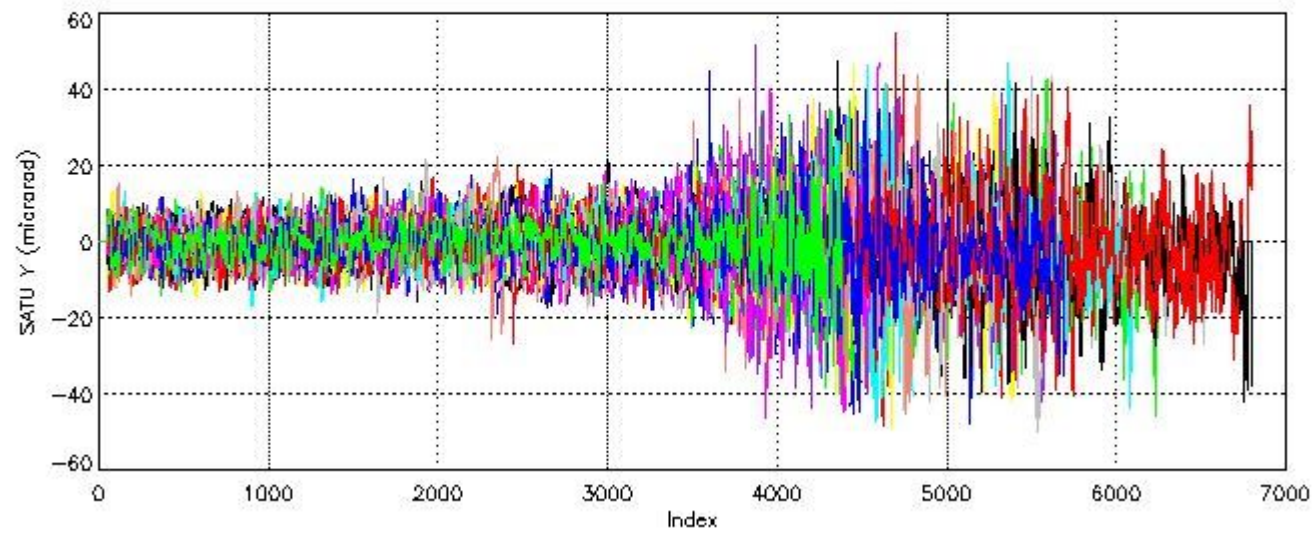
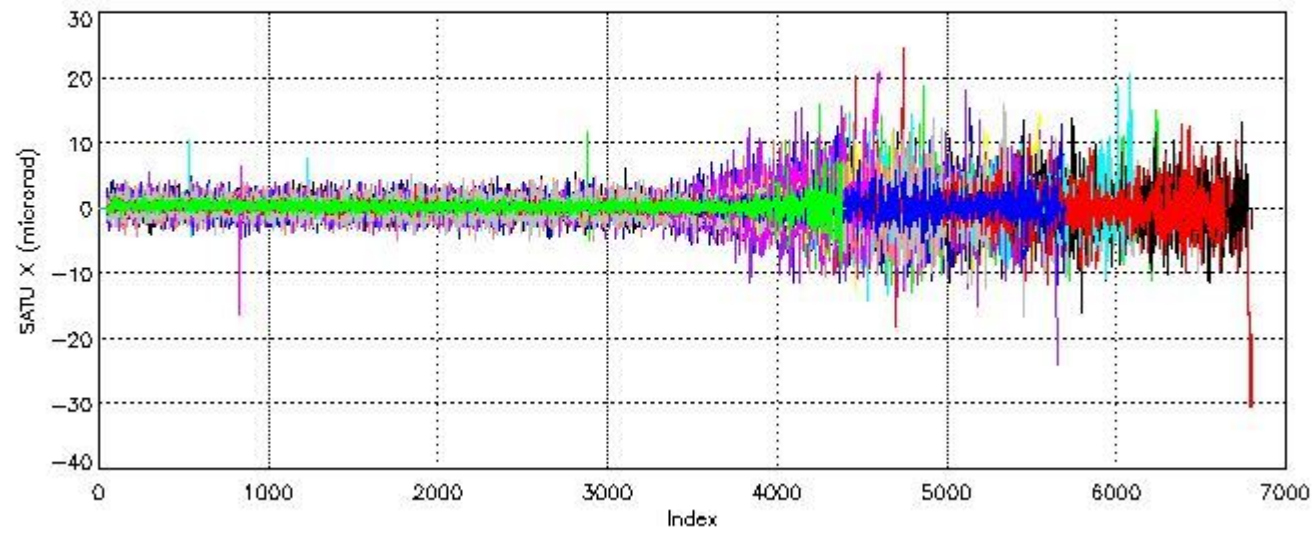


7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.19164	-0.67878	0.21950	-0.71682
St. deviation:	0.53621	3.9527	0.81535	3.8042
Maximum:	10.400	15.000	4.5000	16.000
Minimum:	-16.500	-17.100	-5.3000	-18.100

Number of data:	36000.	36000.	57100.	57100.
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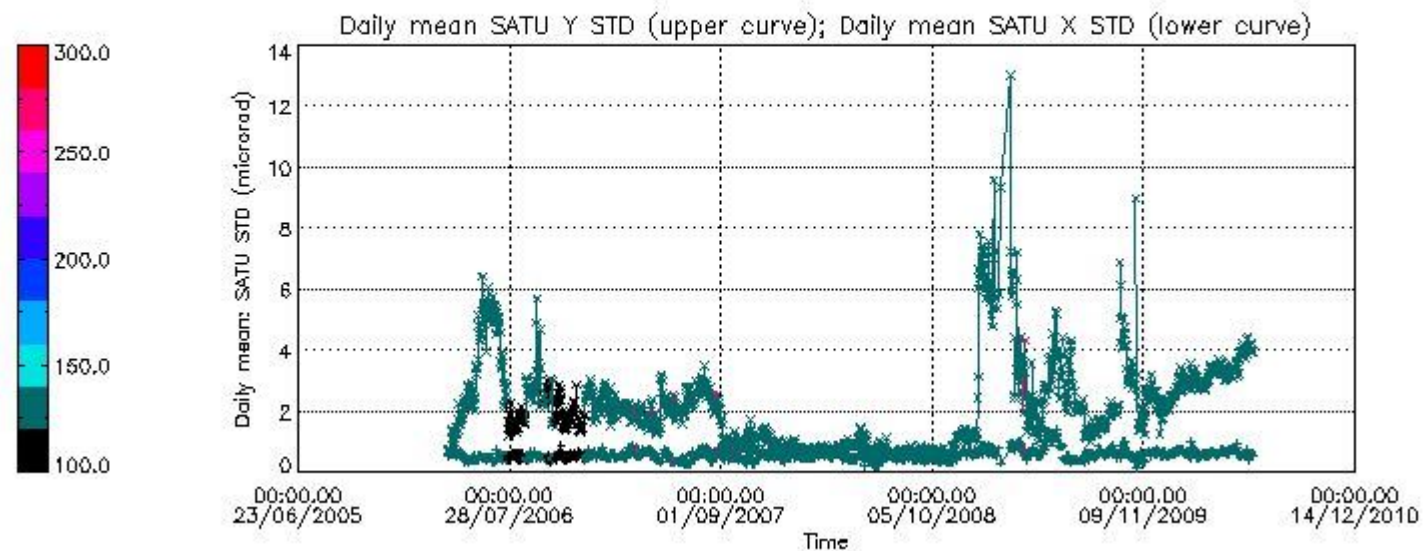
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

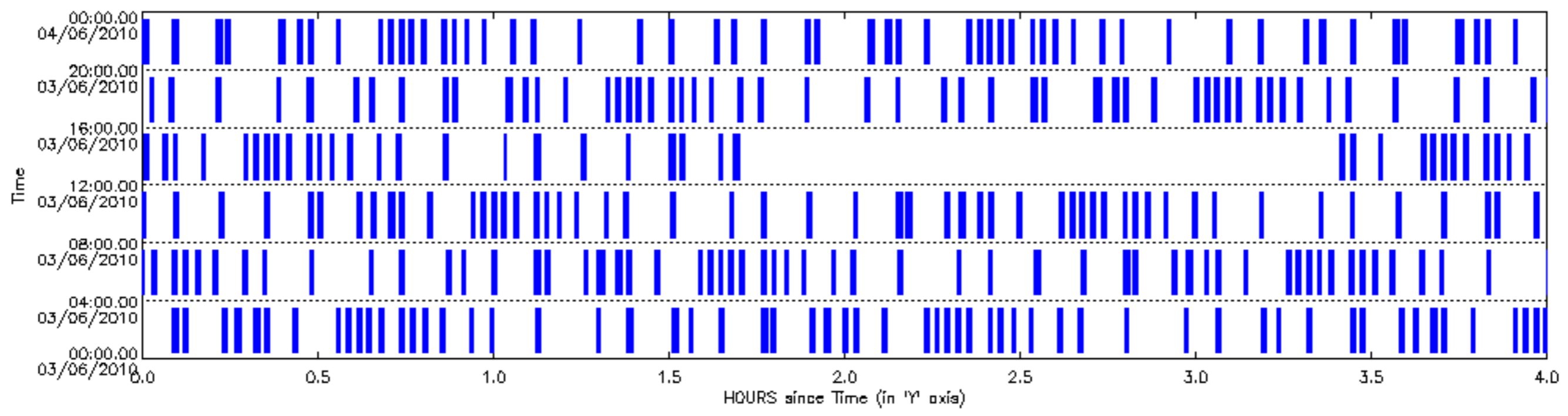
Lower curve: STD of SATU X axis

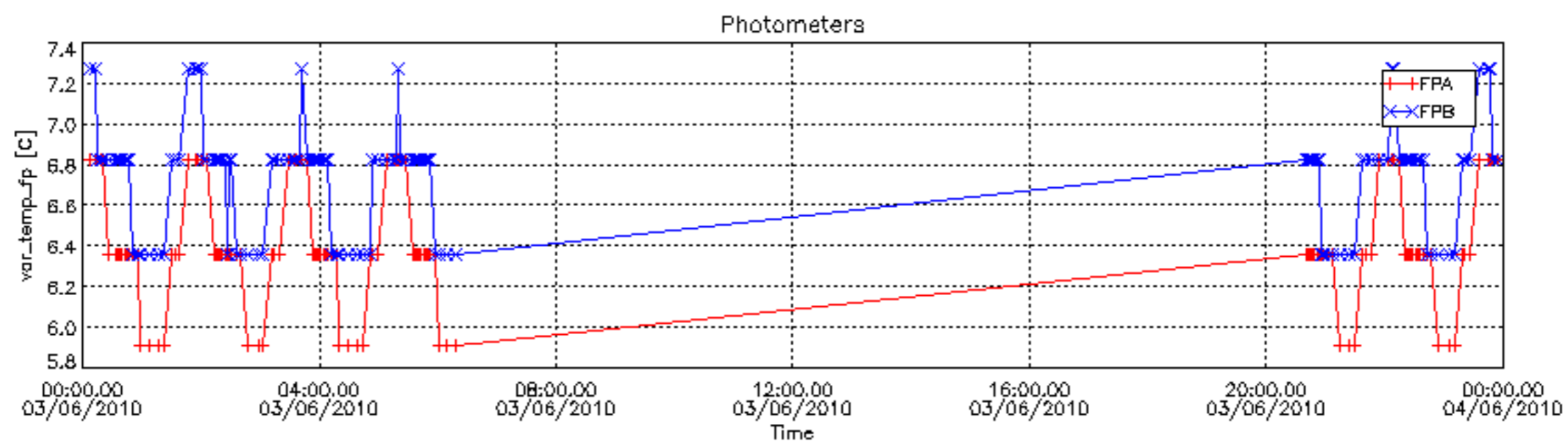
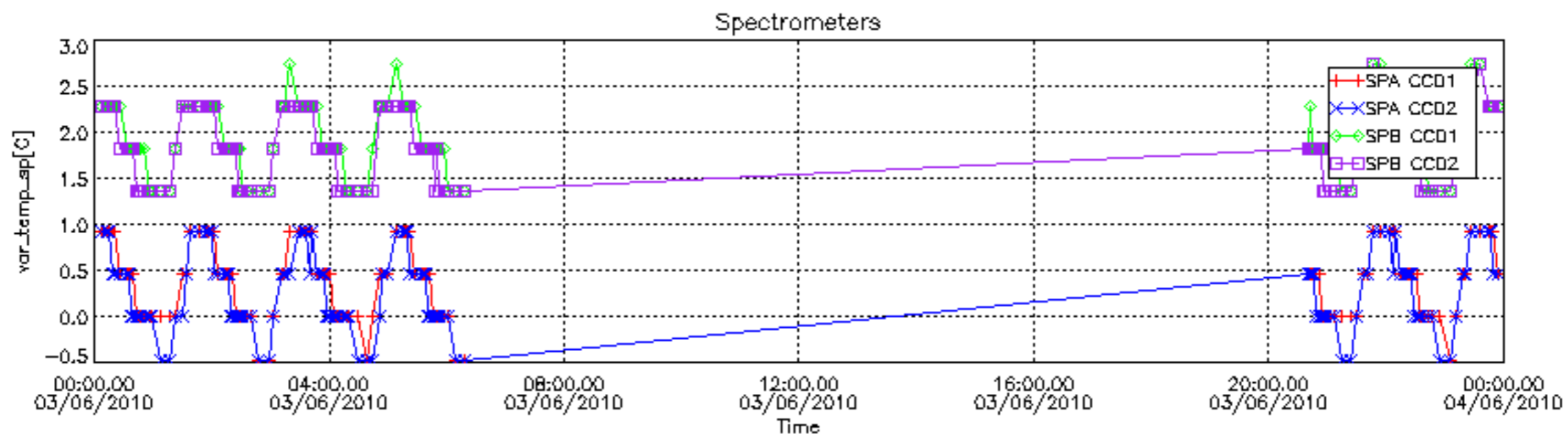


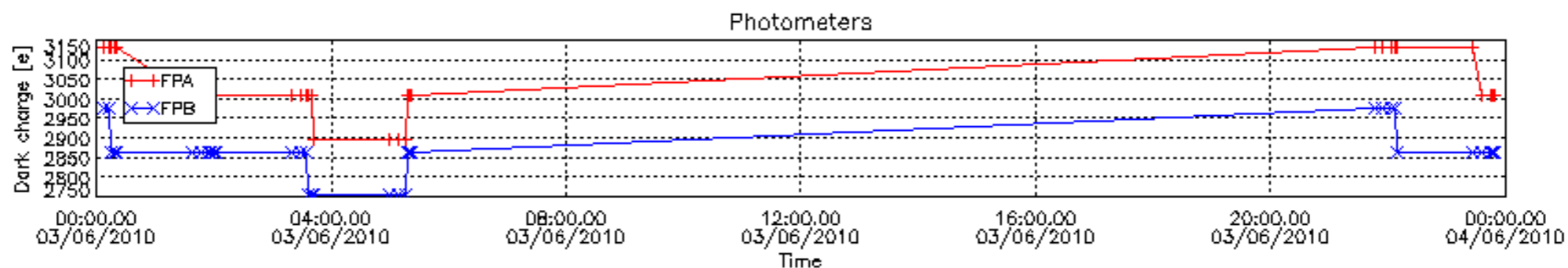
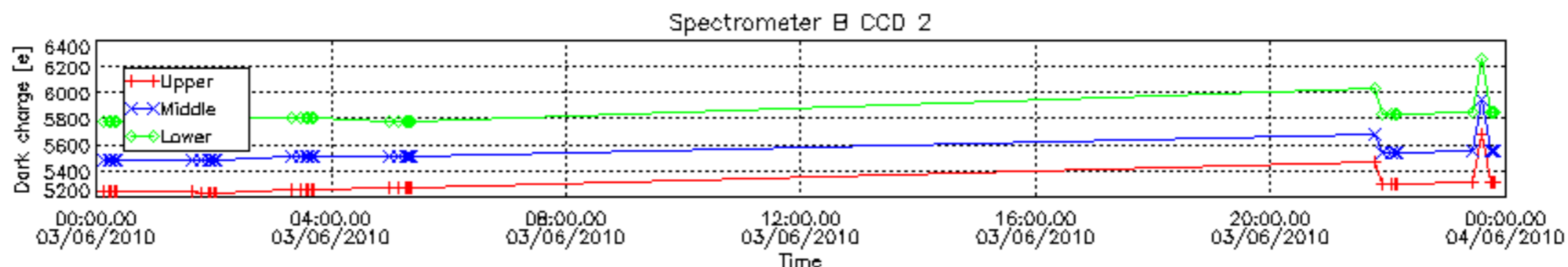
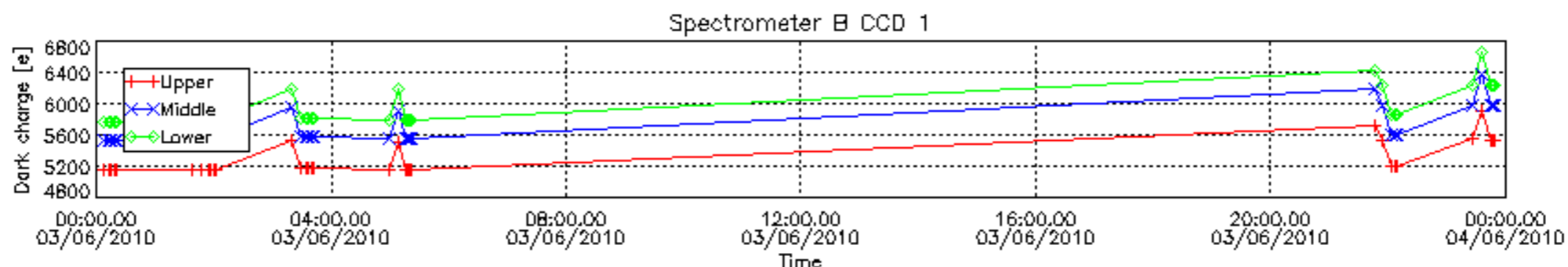
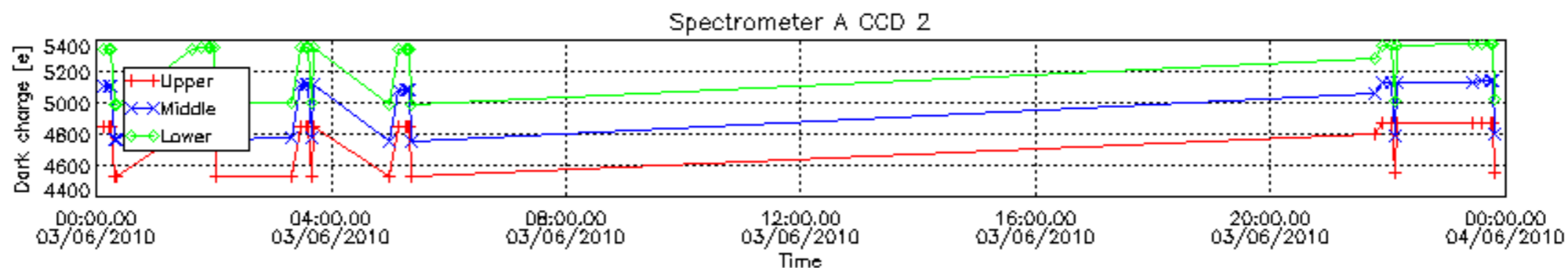
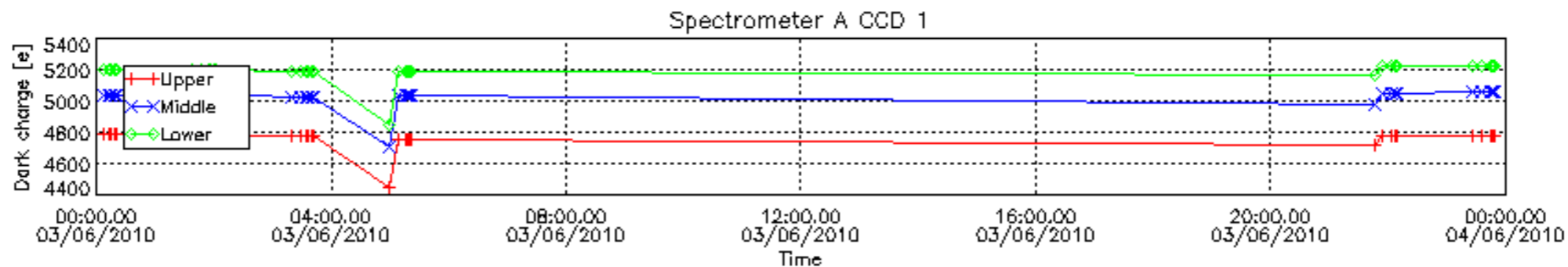
8. Auxiliary Data Files used for the production reported in section 2.4

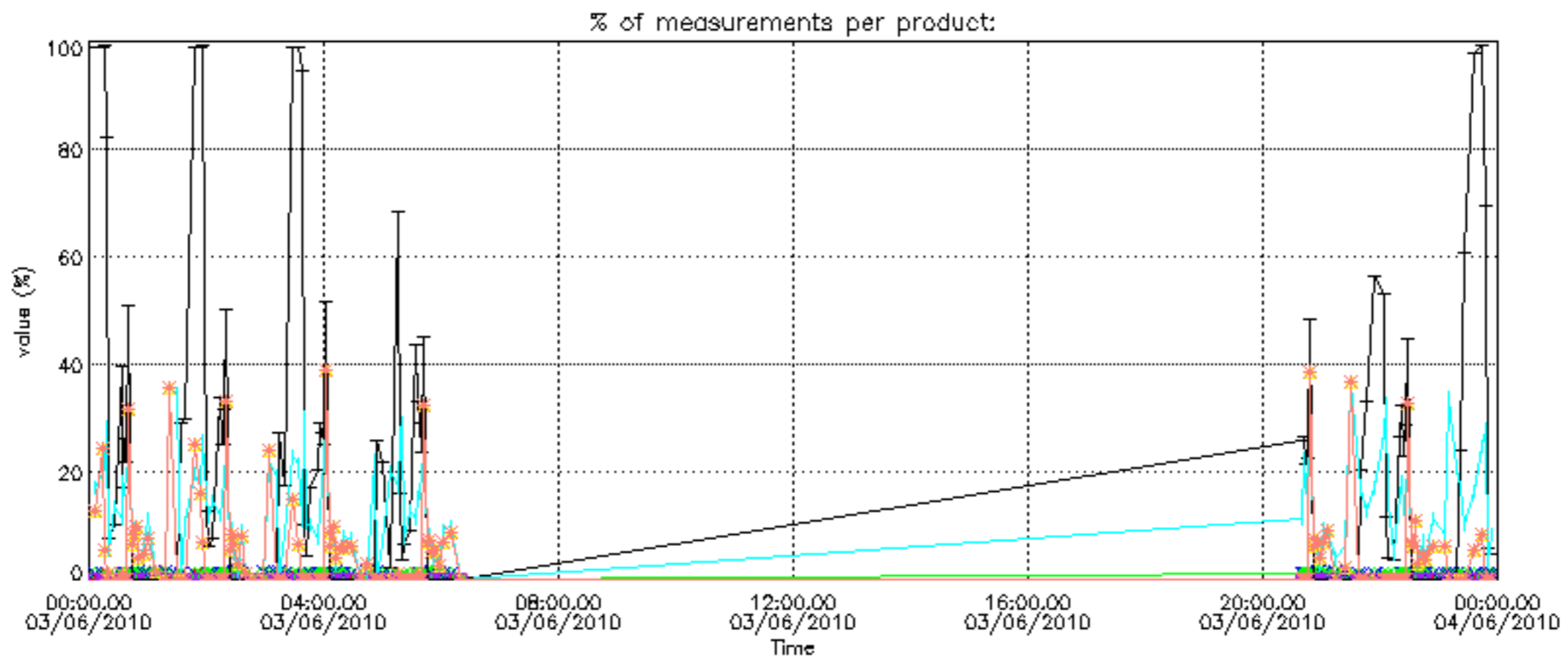
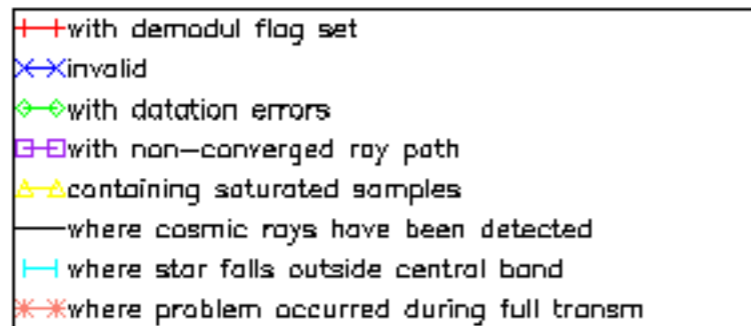
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUN-2010 00:06:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100526_084407_20100525_000000_20500101_000000	1	03-JUN-2010 00:06:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	03-JUN-2010 00:06:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	03-JUN-2010 00:06:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	03-JUN-2010 00:06:49
ECMWF_FILE	AUX_ECF_AXNECM20100602_054112_20100602_210000_20100603_090000	1	03-JUN-2010 00:06:49
ECMWF_FILE	AUX_ECA_AXNECM20100603_052114_20100602_210000_20100603_090000	66	03-JUN-2010 04:43:55
ECMWF_FILE	AUX_ECF_AXNECM20100603_052115_20100603_150000_20100604_030000	89	03-JUN-2010 20:40:19
ECMWF_FILE	AUX_ECF_AXNECM20100603_054114_20100603_210000_20100604_090000	106	03-JUN-2010 21:54:45
OPTIONAL_ECMWF_FILE	MISSING	1	03-JUN-2010 00:06:49
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100603_025227_000060572090_00032_43172_0477.N1	42	03-JUN-2010 02:58:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100603_043843_000057382090_00033_43173_0478.N1	66	03-JUN-2010 04:43:55
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100603_203505_000041442090_00043_43183_0479.N1	89	03-JUN-2010 20:40:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100603_214928_000057382090_00043_43183_0480.N1	106	03-JUN-2010 21:54:45
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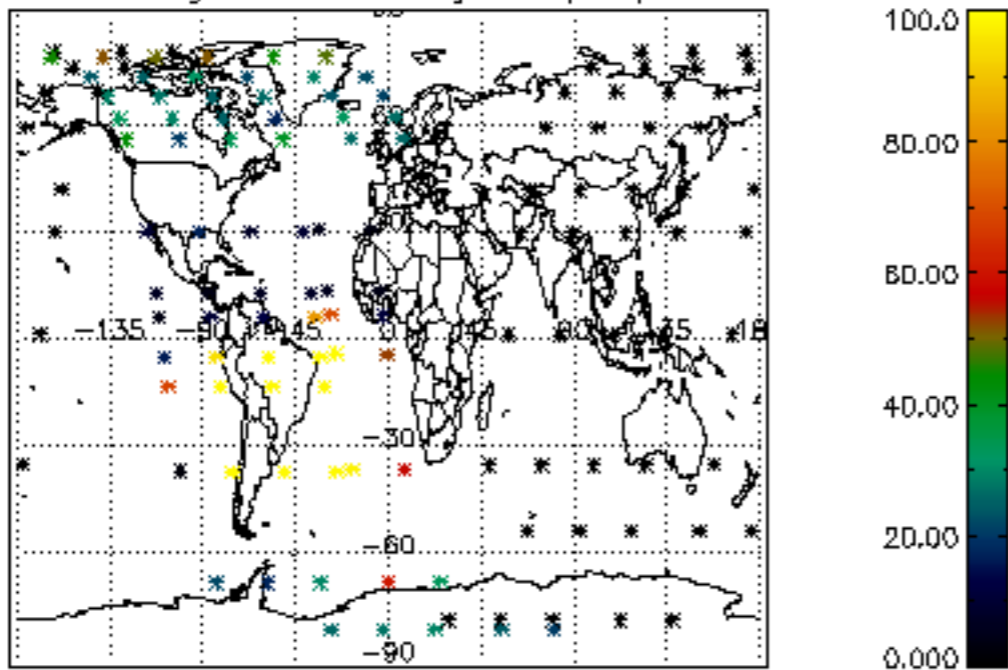




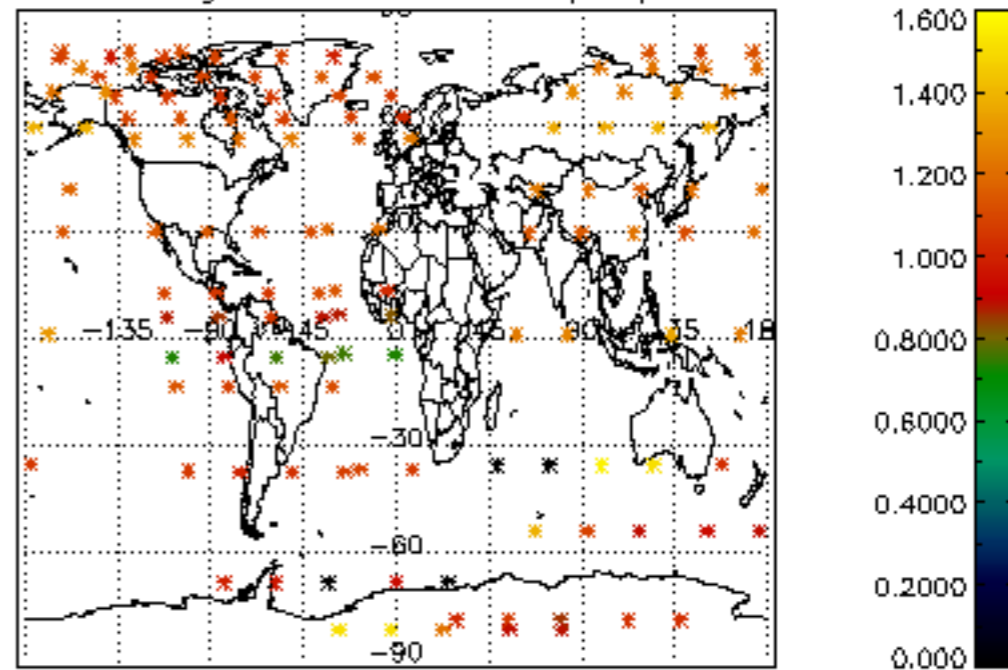




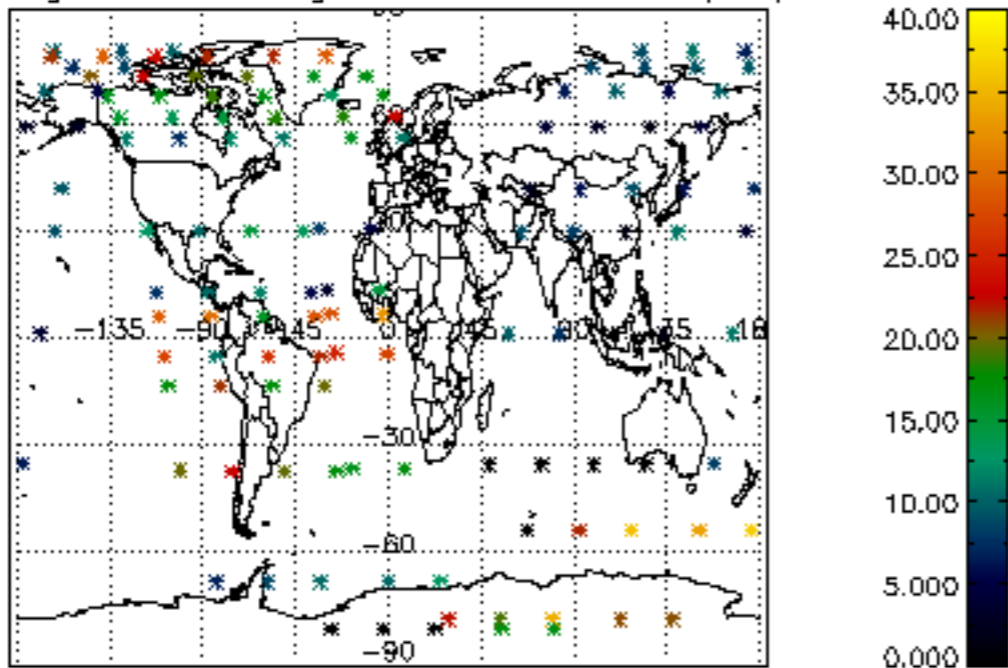
Percentage of cosmic ray hits per profile



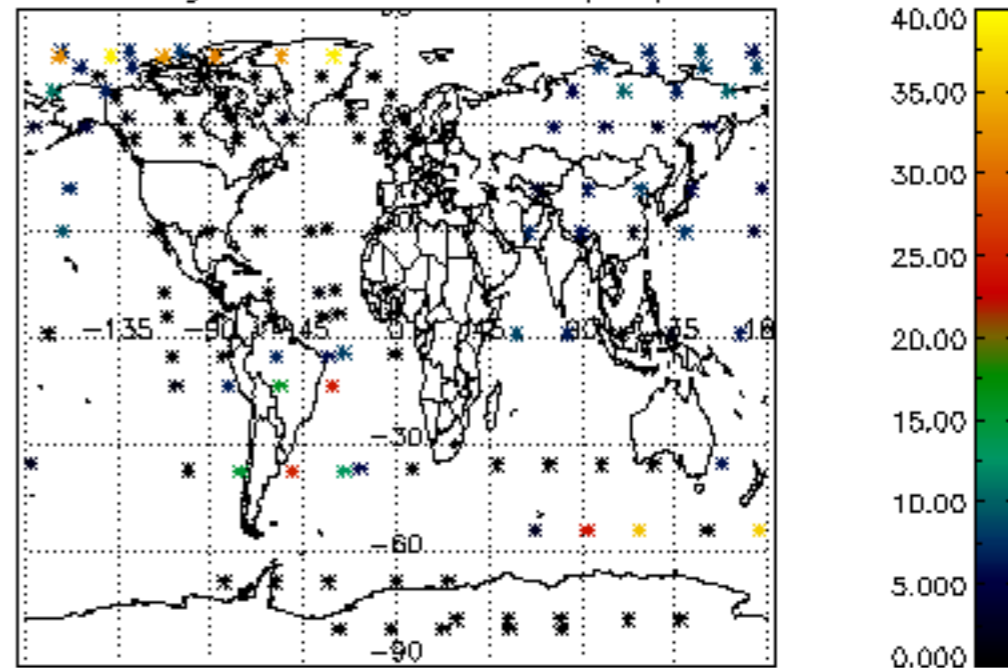
Percentage of datation errors per profile



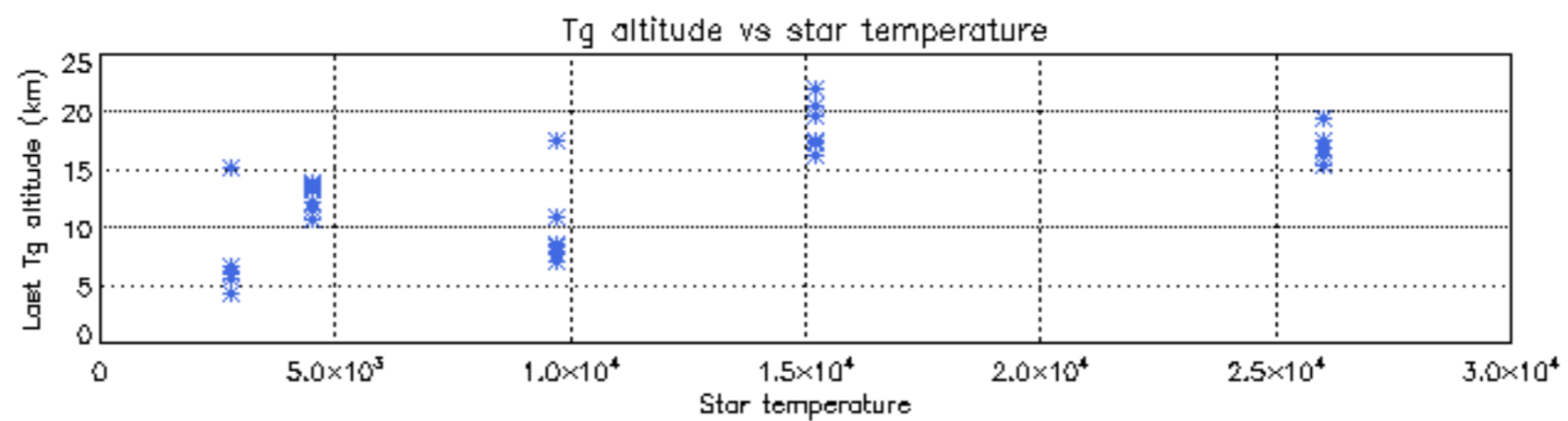
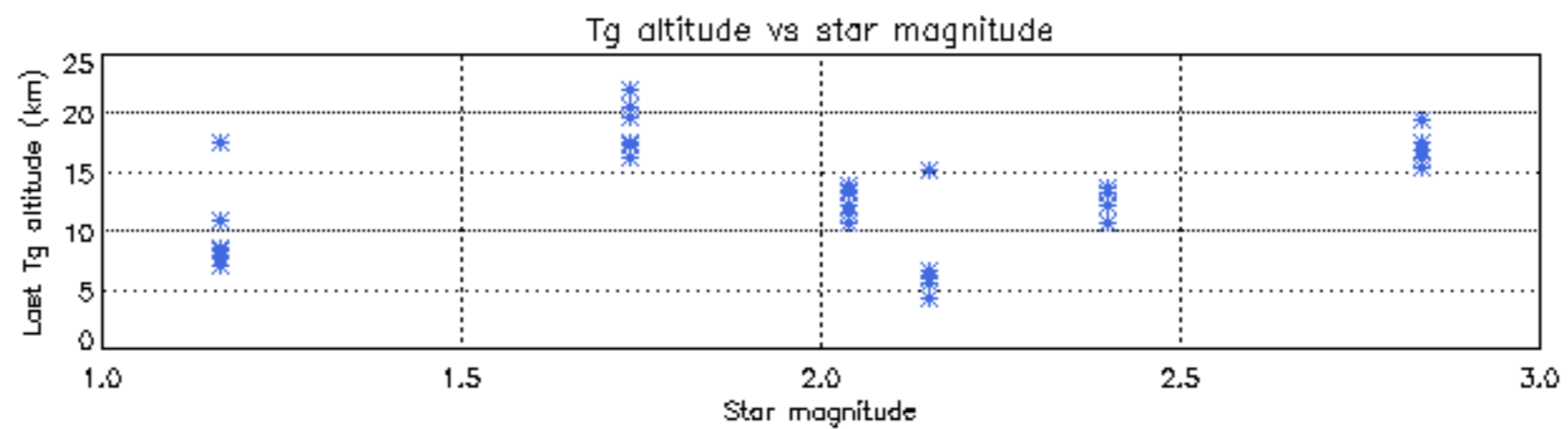
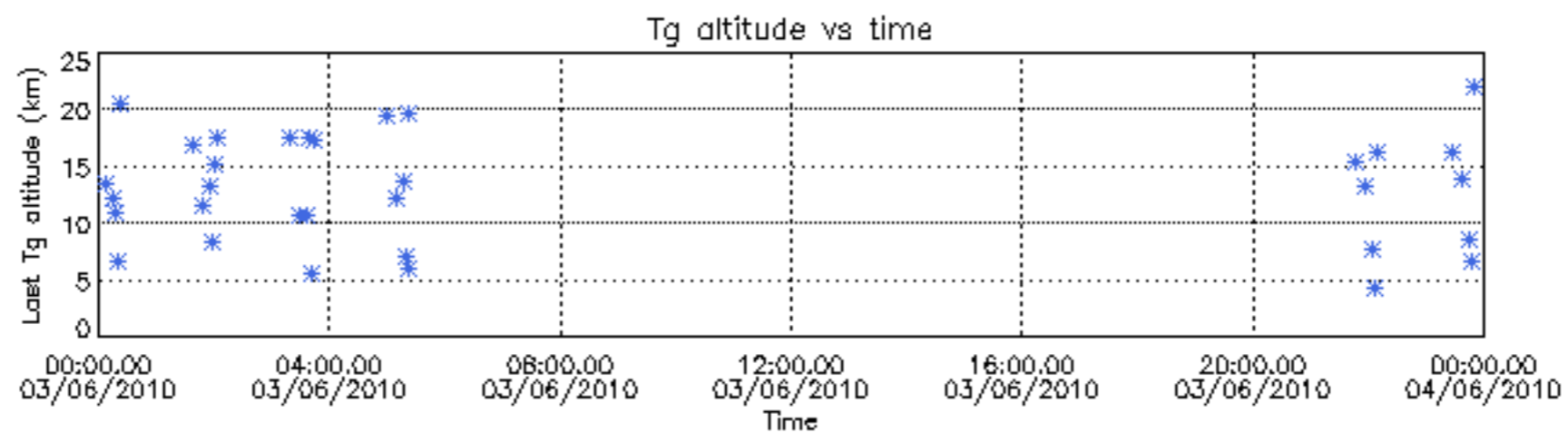
Percentage of star falling outside central band per profile



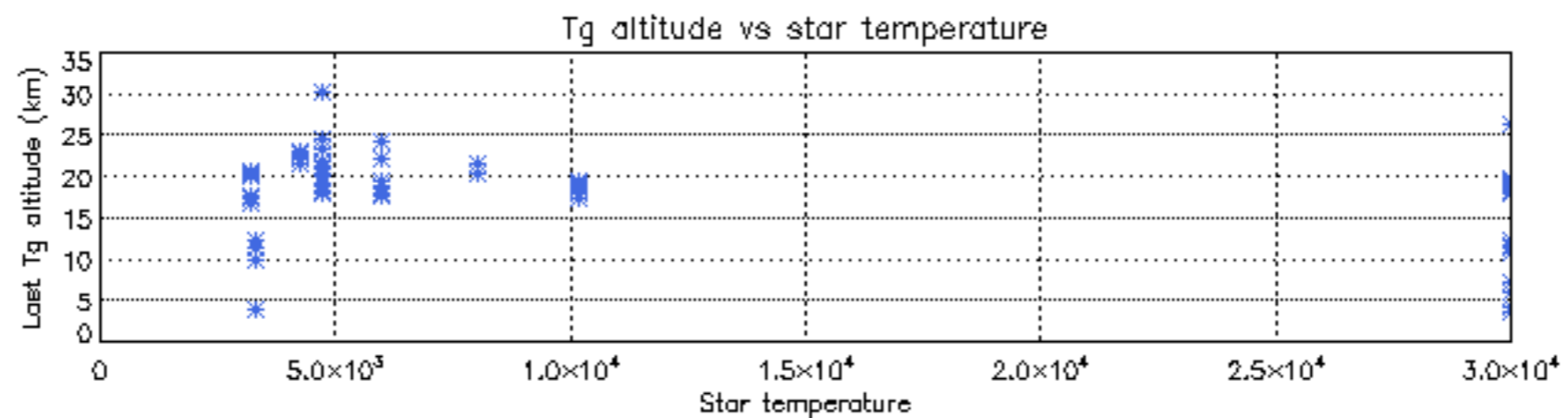
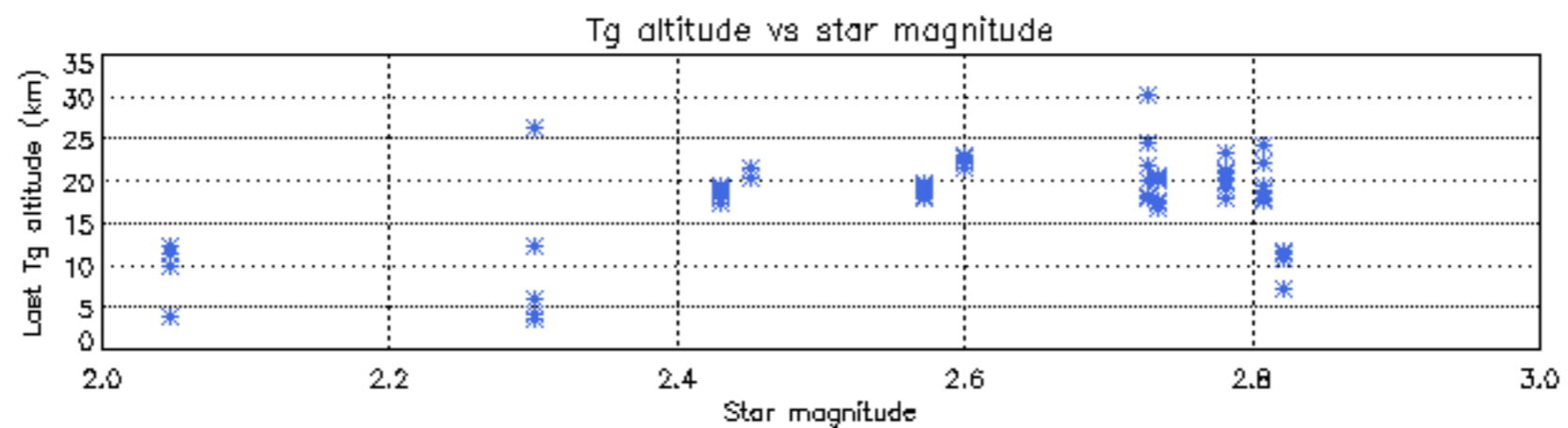
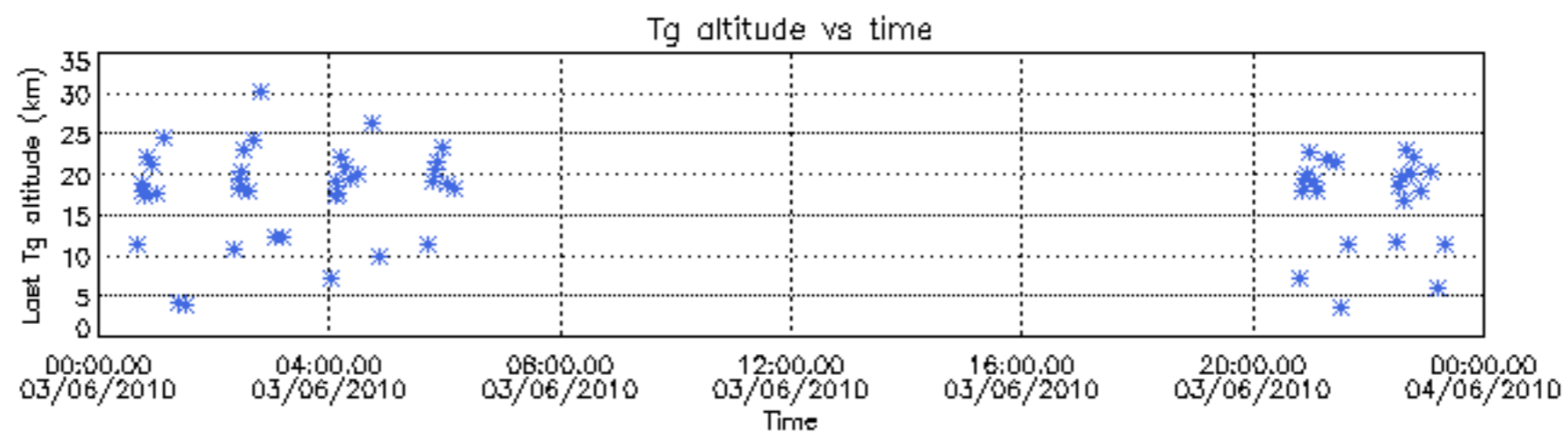
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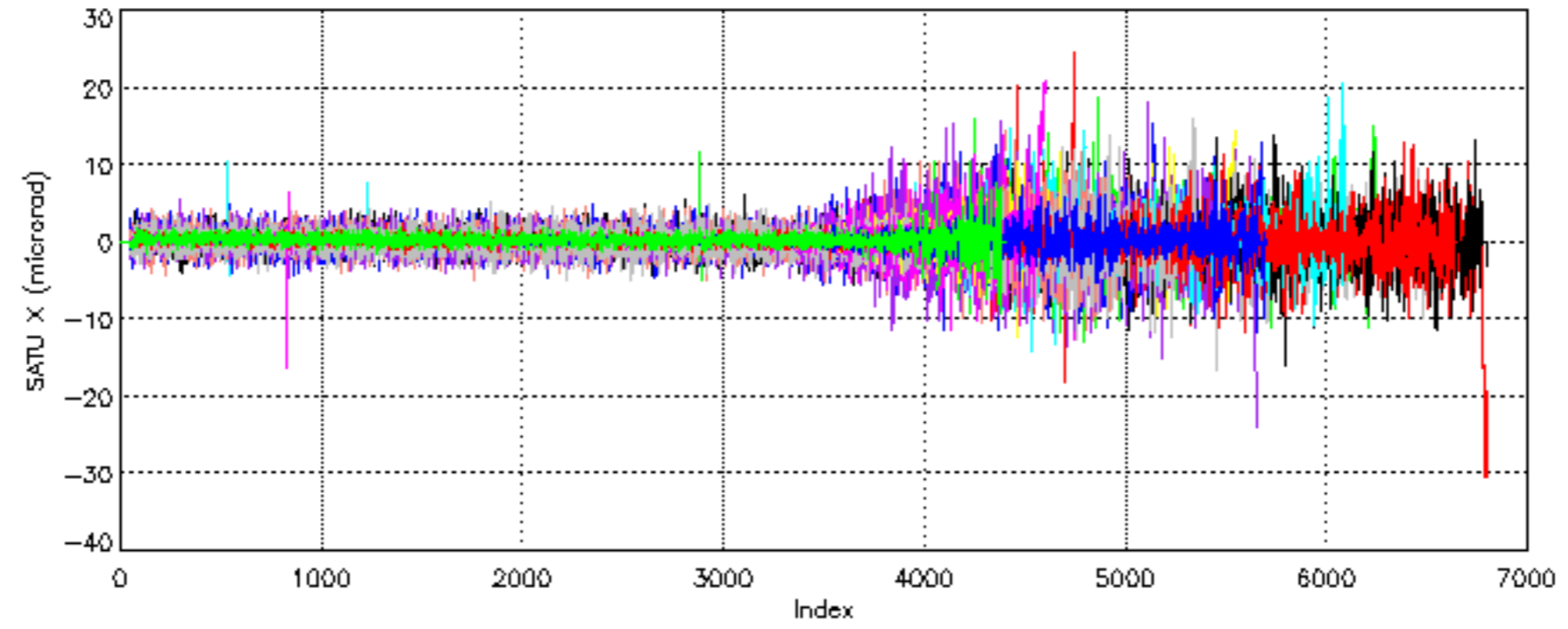


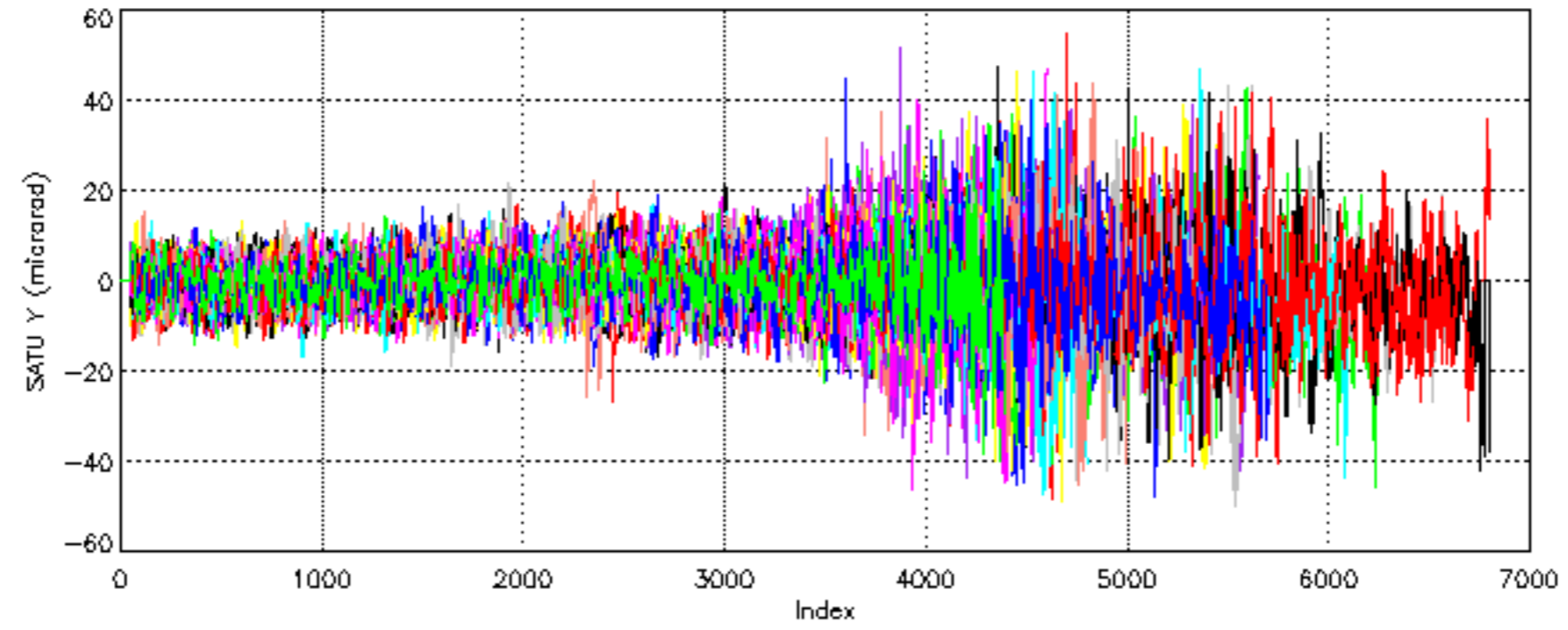
Tangent altitude at which the star is lost

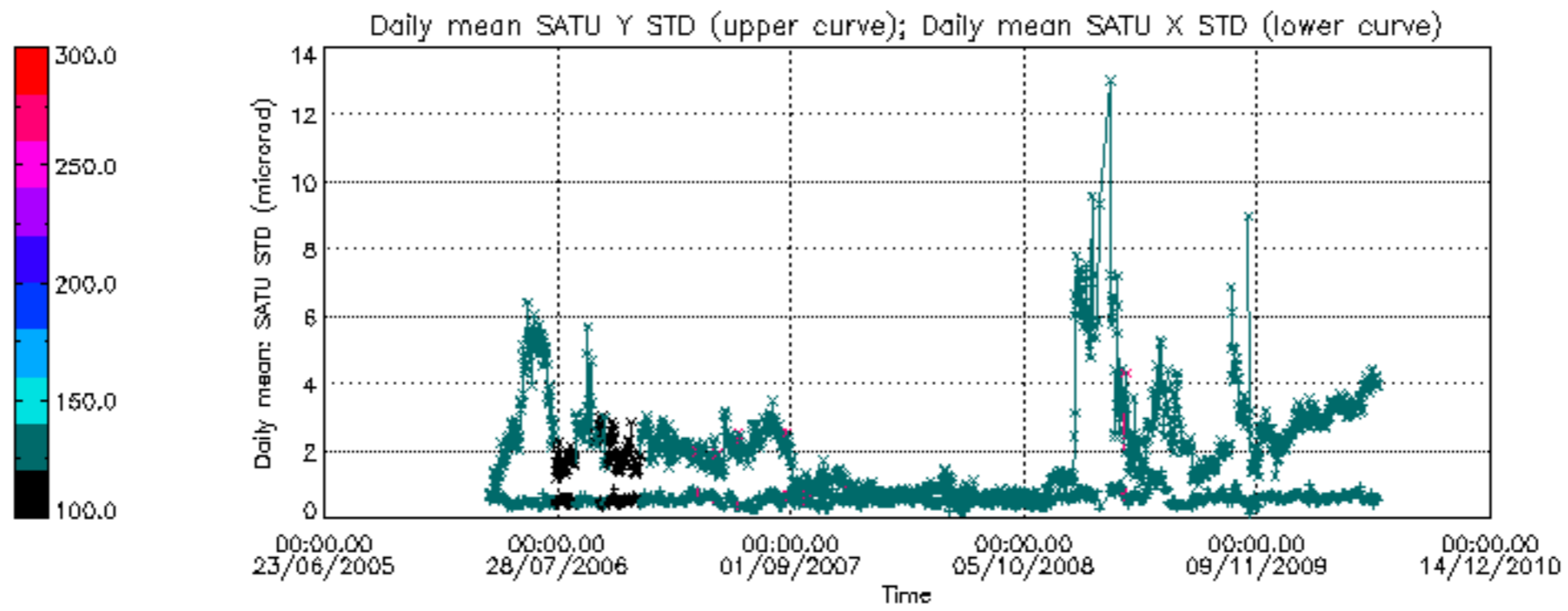


Tangent altitude at which the star is lost









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12; 2004.5; 16-JUN-2010 22:29:52; Bright; 43.0; 126; 60Bet Oph ; 2.77; 4250;occ; 86; 0;43370
13; 2154.5; 16-JUN-2010 22:32:22; Bright; 42.5; 59; 55Alp Oph ; 2.08; 8900;occ; 85; 0;43370
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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
7; 633.7; 16-JUN-2010 23:47:37; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43371
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13; 2154.6; 17-JUN-2010 00:12:58; Bright; 62.0; 59; 55Alp Oph ; 2.08; 8900;occ; 124; 0;43371
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15; 2456.5; 17-JUN-2010 00:18:00; Bright; 38.5; 133; 40Zet Her ; 2.81; 6000;occ; 77; 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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3; 1614.6; 16-JUN-2010 17:21:34; Bright; 39.5; 86; 35Eta Oph ; 2.43; 10200;occ; 79; 0;43367
4; 2005.1; 16-JUN-2010 17:28:04; Bright; 44.0; 126; 60Bet Oph ; 2.77; 4250;occ; 88; 0;43367
5; 2155.5; 16-JUN-2010 17:30:35; Bright; 45.0; 59; 55Alp Oph ; 2.08; 8900;occ; 90; 0;43367
6; 2276.1; 16-JUN-2010 17:32:35; Bright; 38.0; 127; 27Bet Her ; 2.78; 4700;occ; 76; 0;43367
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9; 3486.1; 16-JUN-2010 17:52:45; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 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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12; 4269.7; 16-JUN-2010 19:46:25; Bright; 42.0; 73; 57Gam1And ; 2.26; 13100;occ; 84; 0;43368
13; 4411.4; 16-JUN-2010 19:48:47; Dark ; 55.5; 53; 43Bet And ; 2.05; 3300;occ; 111; 0;43368
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 4; 286.6; 17-JUN-2010 01:22:25; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;43372
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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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6; 2954.2; 21-JUN-2010 08:23:25; Bright; 35.5; 119; 14Eta Dra ; 2.73; 4700;occ; 71; 0;43433
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6; 2953.7; 21-JUN-2010 11:44:36; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;43435

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 21; 4413.4; 21-JUN-2010 23:53:07; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43442
 22; 4640.5; 21-JUN-2010 23:56:54; Dark ; 57.5; 50; 13Alp Ari ; 2.01; 4250;occ; 115; 0;43442
 23; 5402.9; 22-JUN-2010 00:09:37; Dark ; 24.5; 0; ; 0.00; 0;occ; 49; 0;43442

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 11; 4270.7; 21-JUN-2010 10:25:57; Bright; 44.5; 73; 57Gam1And ; 2.26; 13100;occ; 89; 0;43434
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13; 4415.2; 21-JUN-2010 15:30:09; Dark ; 25.0; 53; 43Bet And ; 2.05; 3300;occ; 50; 0;43437
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13; 3938.4; 21-JUN-2010 17:02:48; Bright; 46.5; 68; 18Alp Cas ; 2.22; 4500;occ; 93; 0;43438
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4; 356.4; 22-JUN-2010 00:26:06; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43443
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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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16; 3927.4; 23-JUN-2010 22:41:47; Bright; 47.5; 68; 18Alp Cas ; 2.22; 4500;occ; 95; 0;43470
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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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19; 4416.1; 24-JUN-2010 00:30:32; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43471
20; 4648.2; 24-JUN-2010 00:34:24; Dark ; 50.5; 50; 13Alp Ari ; 2.01; 4250;occ; 101; 0;43471
21; 4938.8; 24-JUN-2010 00:39:14; Dark ; 37.5; 94; 92Alp Cet ; 2.53; 3100;occ; 75; 0;43471
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 3; 385.5; 24-JUN-2010 01:03:57; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43472
 4; 507.2; 24-JUN-2010 01:05:59; Dark ; 49.5; 31; Alp Gru ; 1.73; 15200;occ; 99; 0;43472
 5; 691.9; 24-JUN-2010 01:09:03; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43472
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 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
15; 3833.7; 24-JUN-2010 02:01:25; Bright; 59.5; 74; 11Bet Cas ; 2.27; 6600;occ; 119; 0;43472
16; 3926.6; 24-JUN-2010 02:02:58; Bright; 46.5; 68; 18Alp Cas ; 2.22; 4500;occ; 93; 0;43472
17; 4064.8; 24-JUN-2010 02:05:16; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 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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 8; 1459.7; 24-JUN-2010 03:02:27; Bright; 51.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 102; 0;43473
 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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 6; -1386.8; 24-JUN-2010 05:36:12; Dark ; 52.5; 50; 13Alp Ari ; 2.01; 4250;occ; 105; 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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 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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 12; 4270.4; 24-JUN-2010 20:35:17; Bright; 45.0; 73; 57Gam1And ; 2.26; 13100;occ; 90; 0;43483
 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
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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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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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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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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
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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
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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
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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
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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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 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
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 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
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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; 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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6;-1379.4; 26-JUN-2010 02:52:30; Dark ; 52.5; 50; 13Alp Ari ; 2.01; 4250;occ; 105; 0;43501
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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