

GOMOS Daily Report 24-JUL-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	28JUL2010 04:50:17
Data source version	GOMOS/5.01
Start time of products	24JUL2010 00:03:01
Stop time of products	24JUL2010 23:57:10
Store outputs in DB	Yes
Nb of level 1b prods	109
Nb of prods with errors	1

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

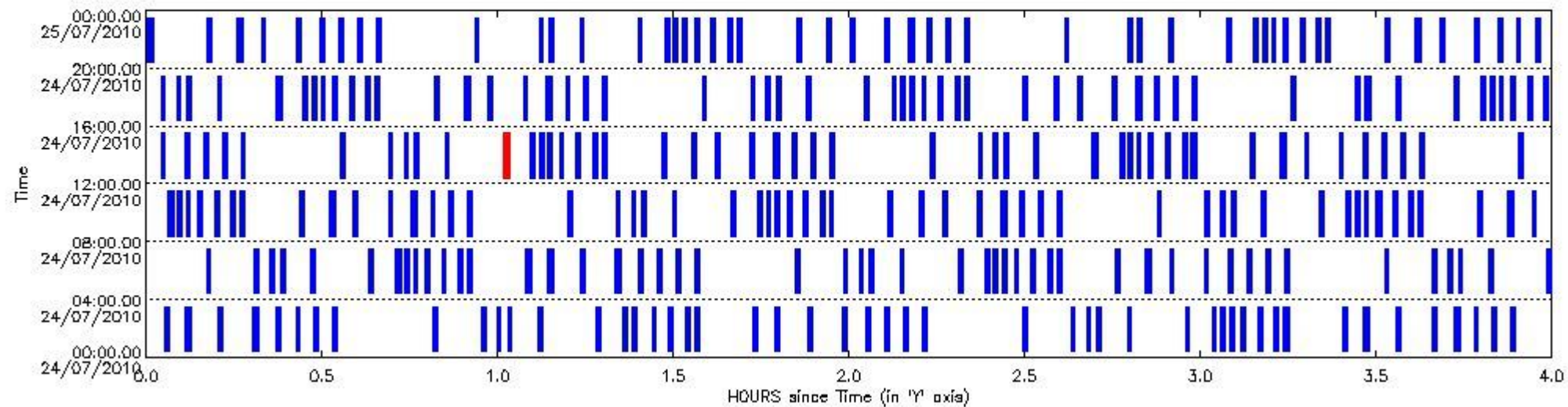
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
24-JUL-2010 13:01:04	37DelCas	110	43908

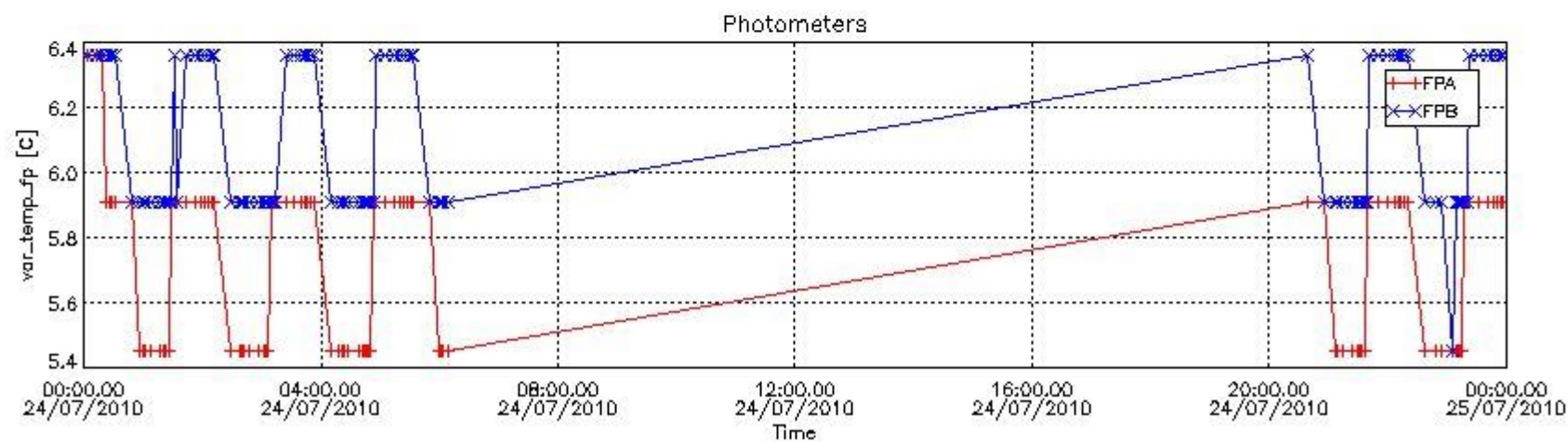
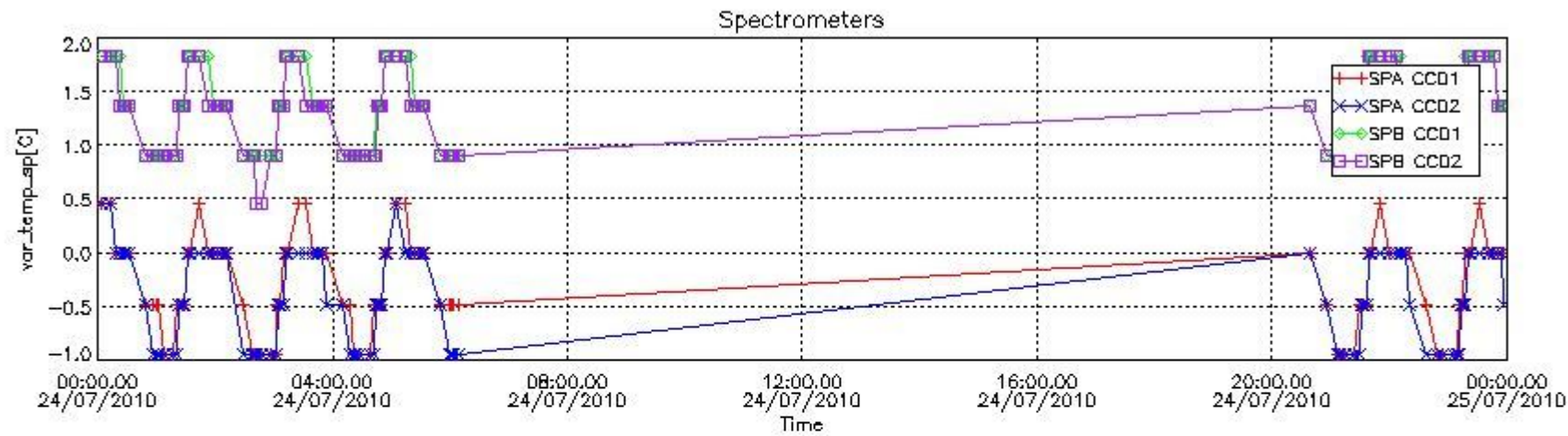
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100724_000301_000000492091_00259_43900_9109.N1	24-JUL-2010 00:03:01	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43900	Yes
2	GOM_TRA_1PNPDE20100724_001217_000000452091_00259_43900_9110.N1	24-JUL-2010 00:12:17	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43900	No
3	GOM_TRA_1PNPDE20100724_001813_000000532091_00260_43901_9111.N1	24-JUL-2010 00:18:13	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43901	No
4	GOM_TRA_1PNPDE20100724_002208_000000542091_00260_43901_9112.N1	24-JUL-2010 00:22:08	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43901	No
5	GOM_TRA_1PNPDE20100724_002530_000000402091_00260_43901_9113.N1	24-JUL-2010 00:25:30	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43901	No
6	GOM_TRA_1PNPDE20100724_002838_000000452091_00260_43901_9114.N1	24-JUL-2010 00:28:38	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43901	No
7	GOM_TRA_1PNPDE20100724_003151_000000512091_00260_43901_9115.N1	24-JUL-2010 00:31:51	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43901	No
8	GOM_TRA_1PNPDE20100724_004901_000000442091_00260_43901_9116.N1	24-JUL-2010 00:49:01	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	43901	No
9	GOM_TRA_1PNPDE20100724_005715_000000412091_00260_43901_9117.N1	24-JUL-2010 00:57:15	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43901	No
10	GOM_TRA_1PNPDE20100724_005954_000000392091_00260_43901_9118.N1	24-JUL-2010 00:59:54	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43901	No

11	GOM_TRA_1PNPDE20100724_010139_000000442091_00260_43901_9119.N1	24-JUL-2010 01:01:39	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	43901	No
12	GOM_TRA_1PNPDE20100724_010653_000000402091_00260_43901_9120.N1	24-JUL-2010 01:06:53	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	43901	No
13	GOM_TRA_1PNPDE20100724_011648_000000472091_00260_43901_9121.N1	24-JUL-2010 01:16:48	Bright	47.000	110	37Del Cas	2.6780	8900.0	94	43901	No
14	GOM_TRA_1PNPDE20100724_012122_000000442091_00260_43901_9122.N1	24-JUL-2010 01:21:22	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43901	No
15	GOM_TRA_1PNPDE20100724_012251_000000472091_00260_43901_9123.N1	24-JUL-2010 01:22:51	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	43901	No
16	GOM_TRA_1PNPDE20100724_012623_000000422091_00260_43901_9124.N1	24-JUL-2010 01:26:23	Bright	41.500	149	45Eps Per	2.8880	30000.	83	43901	No
17	GOM_TRA_1PNPDE20100724_012911_000000502091_00260_43901_9125.N1	24-JUL-2010 01:29:11	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	43901	No
18	GOM_TRA_1PNPDE20100724_013200_000000502091_00260_43901_9126.N1	24-JUL-2010 01:32:00	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	43901	No
19	GOM_TRA_1PNPDE20100724_013335_000000532091_00260_43901_9127.N1	24-JUL-2010 01:33:35	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	43901	No
20	GOM_TRA_1PNPDE20100724_014337_000000522091_00260_43901_9127.N1	24-JUL-2010 01:43:37	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43901	No
21	GOM_TRA_1PNPDE20100724_015254_000000432091_00260_43901_9128.N1	24-JUL-2010 01:52:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43901	No
22	GOM_TRA_1PNPDE20100724_015850_000000512091_00261_43902_9129.N1	24-JUL-2010 01:58:50	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43902	No
23	GOM_TRA_1PNPDE20100724_020245_000000542091_00261_43902_9130.N1	24-JUL-2010 02:02:45	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	43902	No
24	GOM_TRA_1PNPDE20100724_020606_000000442091_00261_43902_9131.N1	24-JUL-2010 02:06:06	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	43902	No
25	GOM_TRA_1PNPDE20100724_020915_000000532091_00261_43902_9132.N1	24-JUL-2010 02:09:15	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43902	No
26	GOM_TRA_1PNPDE20100724_021227_000000492091_00261_43902_9133.N1	24-JUL-2010 02:12:27	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43902	No
27	GOM_TRA_1PNPDE20100724_022937_000000432091_00261_43902_9134.N1	24-JUL-2010 02:29:37	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43902	No
28	GOM_TRA_1PNPDE20100724_023751_000000392091_00261_43902_9135.N1	24-JUL-2010 02:37:51	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43902	No
29	GOM_TRA_1PNPDE20100724_024030_000000412091_00261_43902_9136.N1	24-JUL-2010 02:40:30	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43902	No
30	GOM_TRA_1PNPDE20100724_024214_000000472091_00261_43902_9137.N1	24-JUL-2010 02:42:14	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	43902	No
31	GOM_TRA_1PNPDE20100724_024728_000000382091_00261_43902_9138.N1	24-JUL-2010 02:47:28	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	43902	No
32	GOM_TRA_1PNPDE20100724_025723_000000472091_00261_43902_9160.N1	24-JUL-2010 02:57:23	Bright	46.500	110	37Del Cas	2.6780	8900.0	93	43902	No
33	GOM_TRA_1PNPDE20100724_030157_000000462091_00261_43902_9161.N1	24-JUL-2010 03:01:57	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	43902	No
34	GOM_TRA_1PNPDE20100724_030327_000000472091_00261_43902_9162.N1	24-JUL-2010 03:03:27	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	43902	No
35	GOM_TRA_1PNPDE20100724_030458_000000422091_00261_43902_9163.N1	24-JUL-2010 03:04:58	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	43902	No
36	GOM_TRA_1PNPDE20100724_030659_000000412091_00261_43902_9164.N1	24-JUL-2010 03:06:59	Bright	40.500	149	45Eps Per	2.8880	30000.	81	43902	No
37	GOM_TRA_1PNPDE20100724_030947_000000502091_00261_43902_9165.N1	24-JUL-2010 03:09:47	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	43902	No
38	GOM_TRA_1PNPDE20100724_031236_000000492091_00261_43902_9166.N1	24-JUL-2010 03:12:36	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	43902	No
39	GOM_TRA_1PNPDE20100724_031411_000000542091_00261_43902_9167.N1	24-JUL-2010 03:14:11	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	43902	No
40	GOM_TRA_1PNPDE20100724_032414_000000512091_00261_43902_9168.N1	24-JUL-2010 03:24:14	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43902	No
41	GOM_TRA_1PNPDE20100724_033330_000000442091_00261_43902_9169.N1	24-JUL-2010 03:33:30	Dark	44.000	157	The1Eri	2.9060	9300.0	88	43902	No
42	GOM_TRA_1PNPDE20100724_033926_000000542091_00262_43903_9170.N1	24-JUL-2010 03:39:26	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43903	No
43	GOM_TRA_1PNPDE20100724_034322_000000532091_00262_43903_9171.N1	24-JUL-2010 03:43:22	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	43903	No
44	GOM_TRA_1PNPDE20100724_034643_000000422091_00262_43903_9172.N1	24-JUL-2010 03:46:43	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43903	No
45	GOM_TRA_1PNPDE20100724_034951_000000472091_00262_43903_9173.N1	24-JUL-2010 03:49:51	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43903	No
46	GOM_TRA_1PNPDE20100724_035304_000000492091_00262_43903_9174.N1	24-JUL-2010 03:53:04	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43903	No
47	GOM_TRA_1PNPDE20100724_041012_000000402091_00262_43903_9175.N1	24-JUL-2010 04:10:12	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43903	No
48	GOM_TRA_1PNPDE20100724_041827_000000402091_00262_43903_9176.N1	24-JUL-2010 04:18:27	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43903	No
49	GOM_TRA_1PNPDE20100724_042106_000000412091_00262_43903_9177.N1	24-JUL-2010 04:21:06	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43903	No
50	GOM_TRA_1PNPDE20100724_042250_000000482091_00262_43903_9178.N1	24-JUL-2010 04:22:50	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43903	No
51	GOM_TRA_1PNPDE20100724_042804_000000402091_00262_43903_9179.N1	24-JUL-2010 04:28:04	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	43903	No
52	GOM_TRA_1PNPDE20100724_043759_000000482091_00262_43903_9183.N1	24-JUL-2010 04:37:59	Bright	47.500	110	37Del Cas	2.6780	8900.0	95	43903	No
53	GOM_TRA_1PNPDE20100724_044233_000000652091_00262_43903_9184.N1	24-JUL-2010 04:42:33	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	43903	No
54	GOM_TRA_1PNPDE20100724_044403_000000472091_00262_43903_9185.N1	24-JUL-2010 04:44:03	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	43903	No
55	GOM_TRA_1PNPDE20100724_044535_000000382091_00262_43903_9186.N1	24-JUL-2010 04:45:35	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	43903	No
56	GOM_TRA_1PNPDE20100724_044736_000000412091_00262_43903_9187.N1	24-JUL-2010 04:47:36	Bright	41.000	149	45Eps Per	2.8880	30000.	82	43903	No
57	GOM_TRA_1PNPDE20100724_045024_000000472091_00262_43903_9188.N1	24-JUL-2010 04:50:24	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	43903	No
58	GOM_TRA_1PNPDE20100724_045312_000000482091_00262_43903_9189.N1	24-JUL-2010 04:53:12	Dark	48.000	146	25Eta Tau	2.8730	15200.	96	43903	No
59	GOM_TRA_1PNPDE20100724_045448_000000432091_00262_43903_9190.N1	24-JUL-2010 04:54:48	Dark	43.000	13	87Alp Tau	0.86700	3800.0	86	43903	No
60	GOM_TRA_1PNPDE20100724_050451_000000512091_00262_43903_9191.N1	24-JUL-2010 05:04:51	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43903	No
61	GOM_TRA_1PNPDE20100724_051407_000000472091_00262_43903_9192.N1	24-JUL-2010 05:14:07	Dark	46.500	157	The1Eri	2.9060	9300.0	93	43903	No
62	GOM_TRA_1PNPDE20100724_052003_000000532091_00263_43904_9193.N1	24-JUL-2010 05:20:03	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43904	No
63	GOM_TRA_1PNPDE20100724_052359_000000572091_00263_43904_9194.N1	24-JUL-2010 05:23:59	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43904	No
64	GOM_TRA_1PNPDE20100724_052719_000000422091_00263_43904_9195.N1	24-JUL-2010 05:27:19	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43904	No
65	GOM_TRA_1PNPDE20100724_053028_000000492091_00263_43904_9196.N1	24-JUL-2010 05:30:28	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43904	No
66	GOM_TRA_1PNPDE20100724_053340_000000482091_00263_43904_9197.N1	24-JUL-2010 05:33:40	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43904	No
67	GOM_TRA_1PNPDE20100724_055048_000000402091_00263_43904_9198.N1	24-JUL-2010 05:50:48	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43904	No
68	GOM_TRA_1PNPDE20100724_055903_000000402091_00263_43904_9199.N1	24-JUL-2010 05:59:03	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43904	No
69	GOM_TRA_1PNPDE20100724_060141_000000412091_00263_43904_9200.N1	24-JUL-2010 06:01:41	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43904	No

70	GOM_TRA_1PNPDE20100724_060325_000000492091_00263_43904_9201.N1	24-JUL-2010 06:03:25	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43904	No
71	GOM_TRA_1PNPDE20100724_060839_000000412091_00263_43904_9202.N1	24-JUL-2010 06:08:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43904	No
72	GOM_TRA_1PNPDE20100724_203909_000000482091_00272_43913_9291.N1	24-JUL-2010 20:39:09	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43913	No
73	GOM_TRA_1PNPDE20100724_205610_000000392091_00272_43913_9292.N1	24-JUL-2010 20:56:10	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43913	No
74	GOM_TRA_1PNPDE20100724_210702_000000382091_00272_43913_9293.N1	24-JUL-2010 21:07:02	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43913	No
75	GOM_TRA_1PNPDE20100724_210843_000000492091_00272_43913_9294.N1	24-JUL-2010 21:08:43	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43913	No
76	GOM_TRA_1PNPDE20100724_211358_000000432091_00272_43913_9295.N1	24-JUL-2010 21:13:58	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43913	No
77	GOM_TRA_1PNPDE20100724_212353_000000472091_00272_43913_9296.N1	24-JUL-2010 21:23:53	Bright	47.000	110	37Del Cas	2.6780	8900.0	94	43913	No
78	GOM_TRA_1PNPDE20100724_212830_000000472091_00272_43913_9297.N1	24-JUL-2010 21:28:30	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	43913	No
79	GOM_TRA_1PNPDE20100724_213000_000000472091_00272_43913_9298.N1	24-JUL-2010 21:30:00	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	43913	No
80	GOM_TRA_1PNPDE20100724_213135_000000422091_00272_43913_9299.N1	24-JUL-2010 21:31:35	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	43913	No
81	GOM_TRA_1PNPDE20100724_213335_000000502091_00272_43913_9300.N1	24-JUL-2010 21:33:35	Bright	50.000	149	45Eps Per	2.8880	30000.	100	43913	No
82	GOM_TRA_1PNPDE20100724_213624_000000502091_00272_43913_9301.N1	24-JUL-2010 21:36:24	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	43913	No
83	GOM_TRA_1PNPDE20100724_213915_000000522091_00272_43913_9302.N1	24-JUL-2010 21:39:15	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	43913	No
84	GOM_TRA_1PNPDE20100724_214050_000000572091_00272_43913_9303.N1	24-JUL-2010 21:40:50	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	43913	No
85	GOM_TRA_1PNPDE20100724_215057_000000542091_00272_43913_9769.N1	24-JUL-2010 21:50:57	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	43913	No
86	GOM_TRA_1PNPDE20100724_220015_000000442091_00272_43913_9770.N1	24-JUL-2010 22:00:15	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43913	No
87	GOM_TRA_1PNPDE20100724_220609_000000452091_00273_43914_9771.N1	24-JUL-2010 22:06:09	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43914	No
88	GOM_TRA_1PNPDE20100724_221010_000000582091_00273_43914_9772.N1	24-JUL-2010 22:10:10	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	43914	No
89	GOM_TRA_1PNPDE20100724_221324_000000412091_00273_43914_9773.N1	24-JUL-2010 22:13:24	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43914	No
90	GOM_TRA_1PNPDE20100724_221633_000000482091_00273_43914_9774.N1	24-JUL-2010 22:16:33	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43914	No
91	GOM_TRA_1PNPDE20100724_221946_000000502091_00273_43914_9775.N1	24-JUL-2010 22:19:46	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43914	No
92	GOM_TRA_1PNPDE20100724_223646_000000422091_00273_43914_9776.N1	24-JUL-2010 22:36:46	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43914	No
93	GOM_TRA_1PNPDE20100724_224737_000000412091_00273_43914_9777.N1	24-JUL-2010 22:47:37	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43914	No
94	GOM_TRA_1PNPDE20100724_224918_000000422091_00273_43914_9778.N1	24-JUL-2010 22:49:18	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	43914	No
95	GOM_TRA_1PNPDE20100724_225434_000000432091_00273_43914_9779.N1	24-JUL-2010 22:54:34	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43914	No
96	GOM_TRA_1PNPDE20100724_230428_000000522091_00273_43914_9780.N1	24-JUL-2010 23:04:28	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	43914	No
97	GOM_TRA_1PNPDE20100724_230905_000000462091_00273_43914_9781.N1	24-JUL-2010 23:09:05	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	43914	No
98	GOM_TRA_1PNPDE20100724_231036_000000462091_00273_43914_9782.N1	24-JUL-2010 23:10:36	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	43914	No
99	GOM_TRA_1PNPDE20100724_231211_000000412091_00273_43914_9783.N1	24-JUL-2010 23:12:11	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	43914	No
100	GOM_TRA_1PNPDE20100724_231411_000000412091_00273_43914_9784.N1	24-JUL-2010 23:14:11	Bright	41.000	149	45Eps Per	2.8880	30000.	82	43914	No
101	GOM_TRA_1PNPDE20100724_231700_000000492091_00273_43914_9785.N1	24-JUL-2010 23:17:00	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	43914	No
102	GOM_TRA_1PNPDE20100724_231951_000000492091_00273_43914_9786.N1	24-JUL-2010 23:19:51	Dark	48.500	146	25Eta Tau	2.8730	15200.	97	43914	No
103	GOM_TRA_1PNPDE20100724_232127_000000422091_00273_43914_9787.N1	24-JUL-2010 23:21:27	Dark	42.000	13	87Alp Tau	0.86700	3800.0	84	43914	No
104	GOM_TRA_1PNPDE20100724_233134_000000532091_00273_43914_9334.N1	24-JUL-2010 23:31:34	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	43914	No
105	GOM_TRA_1PNPDE20100724_234051_000000472091_00273_43914_9335.N1	24-JUL-2010 23:40:51	Dark	46.500	157	The1Eri	2.9060	9300.0	93	43914	No
106	GOM_TRA_1PNPDE20100724_234646_000000532091_00274_43915_9336.N1	24-JUL-2010 23:46:46	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43915	No
107	GOM_TRA_1PNPDE20100724_235047_000000552091_00274_43915_9337.N1	24-JUL-2010 23:50:47	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	43915	No
108	GOM_TRA_1PNPDE20100724_235400_000000422091_00274_43915_9338.N1	24-JUL-2010 23:54:00	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43915	No
109	GOM_TRA_1PNPDE20100724_235710_000000452091_00274_43915_9339.N1	24-JUL-2010 23:57:10	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43915	No

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



4. Overview of dark signal processing per product

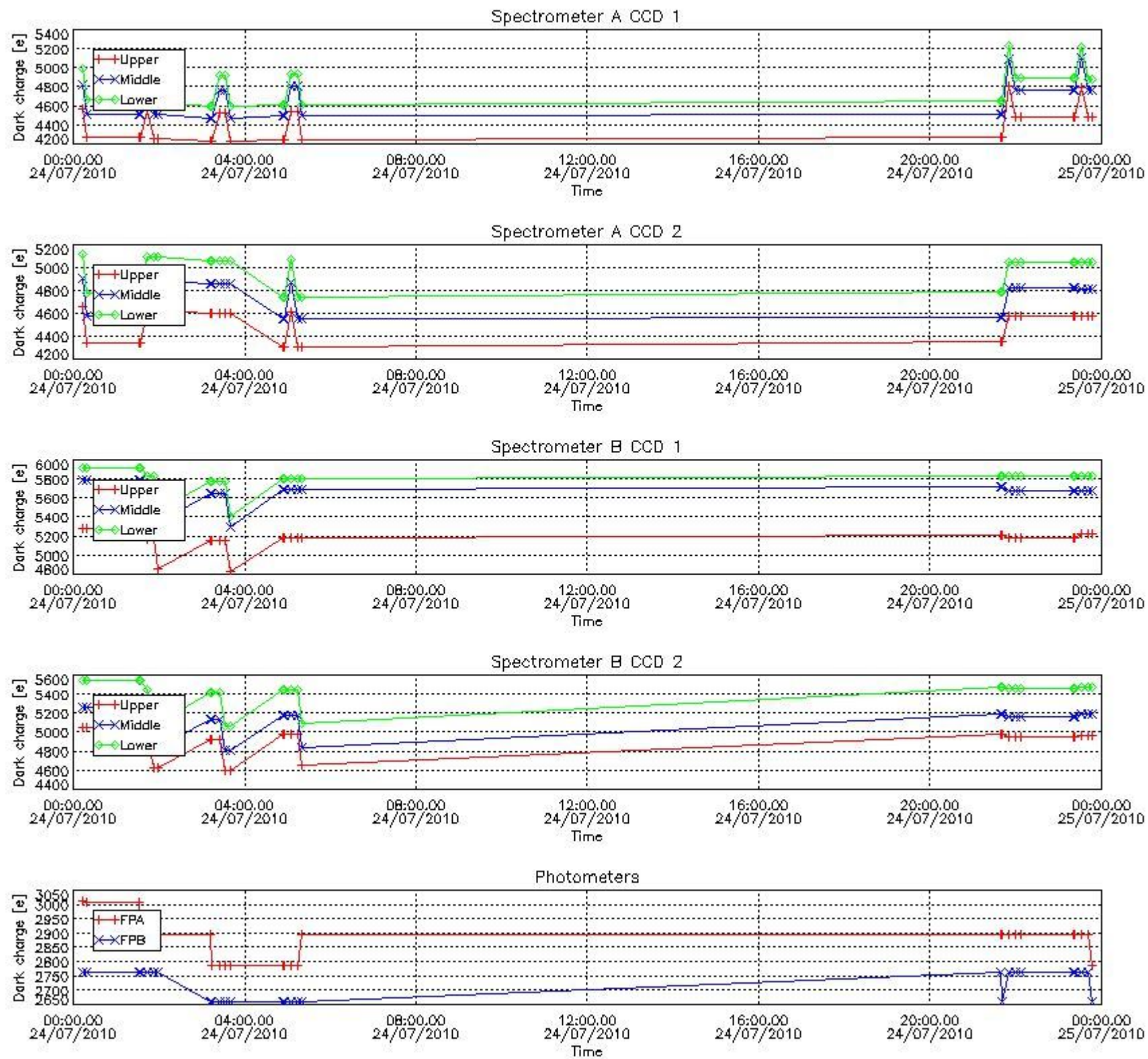
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100724_203909_000000482091_00272_43913_9291.N1	DC map used
GOM_TRA_1PNPDE20100724_205610_000000392091_00272_43913_9292.N1	DC map used
GOM_TRA_1PNPDE20100724_210702_000000382091_00272_43913_9293.N1	DC map used
GOM_TRA_1PNPDE20100724_210843_000000492091_00272_43913_9294.N1	DC map used
GOM_TRA_1PNPDE20100724_211358_000000432091_00272_43913_9295.N1	DC map used
GOM_TRA_1PNPDE20100724_212353_000000472091_00272_43913_9296.N1	DC map used
GOM_TRA_1PNPDE20100724_212830_000000472091_00272_43913_9297.N1	DC map used
GOM_TRA_1PNPDE20100724_213000_000000472091_00272_43913_9298.N1	DC map used
GOM_TRA_1PNPDE20100724_213135_000000422091_00272_43913_9299.N1	DC map used
GOM_TRA_1PNPDE20100724_213335_000000502091_00272_43913_9300.N1	DC map used
GOM_TRA_1PNPDE20100724_213624_000000502091_00272_43913_9301.N1	DC map used
GOM_TRA_1PNPDE20100724_213915_000000522091_00272_43913_9302.N1	DC map used
GOM_TRA_1PNPDE20100724_214050_000000572091_00272_43913_9303.N1	DC map used

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



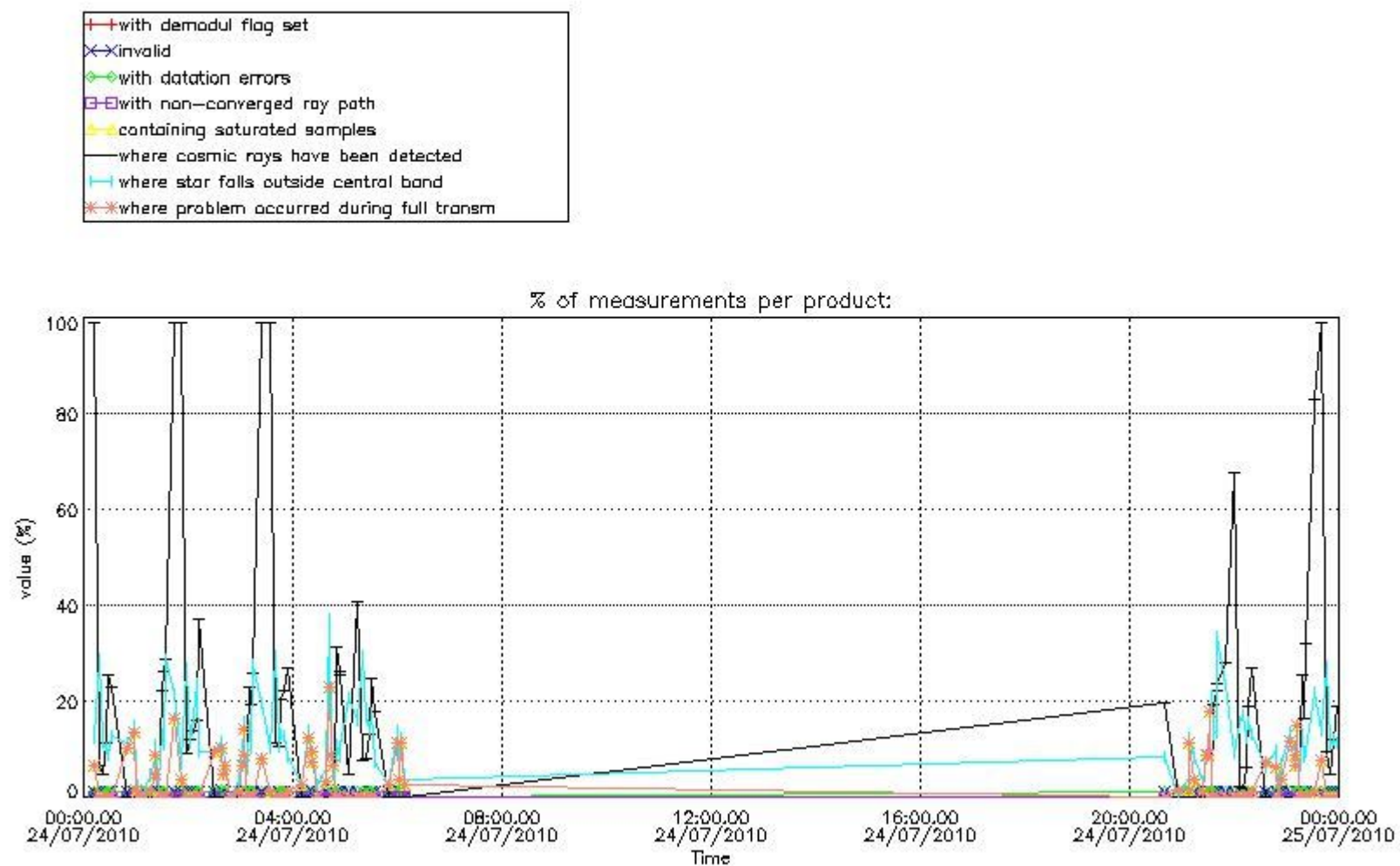
5. Demodulation flag and quality information monitoring

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.

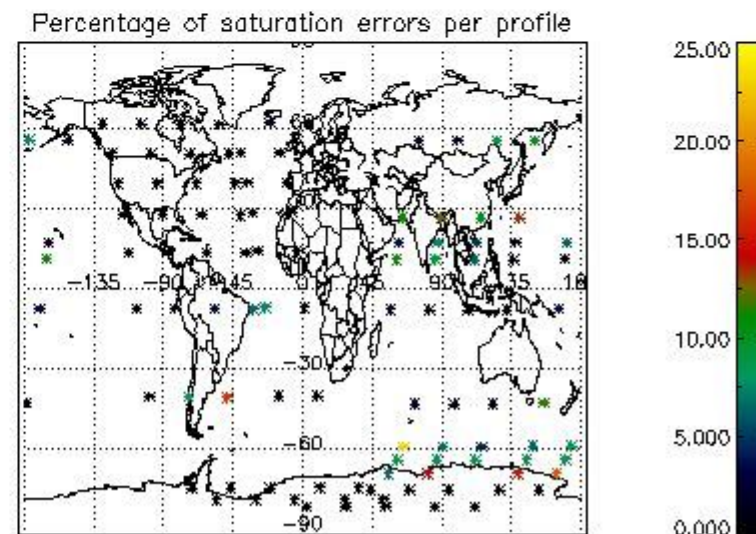
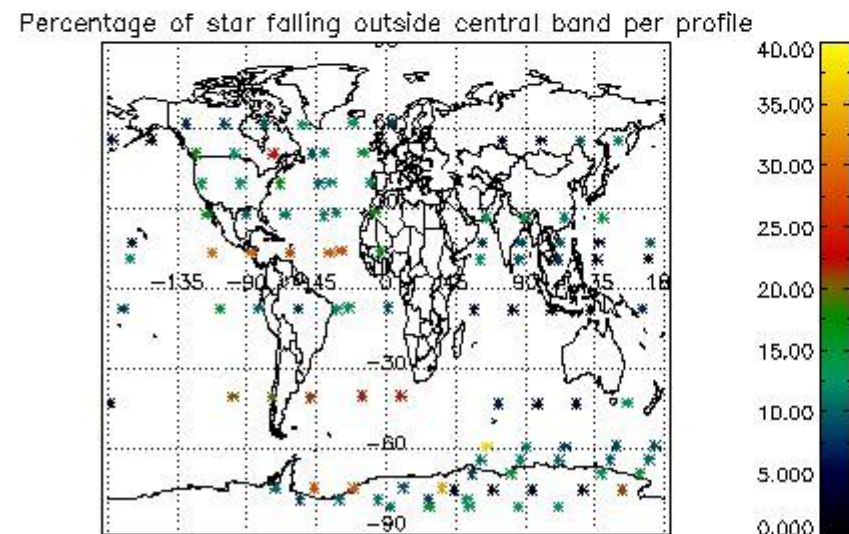
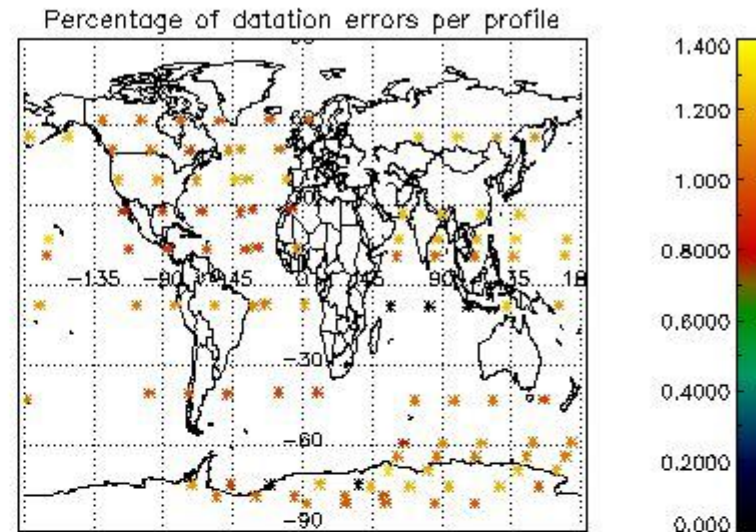
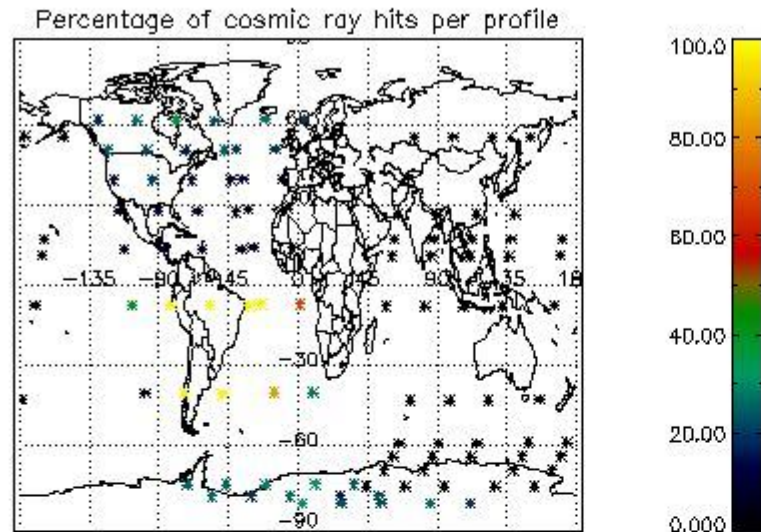
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	42.5926 %
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)



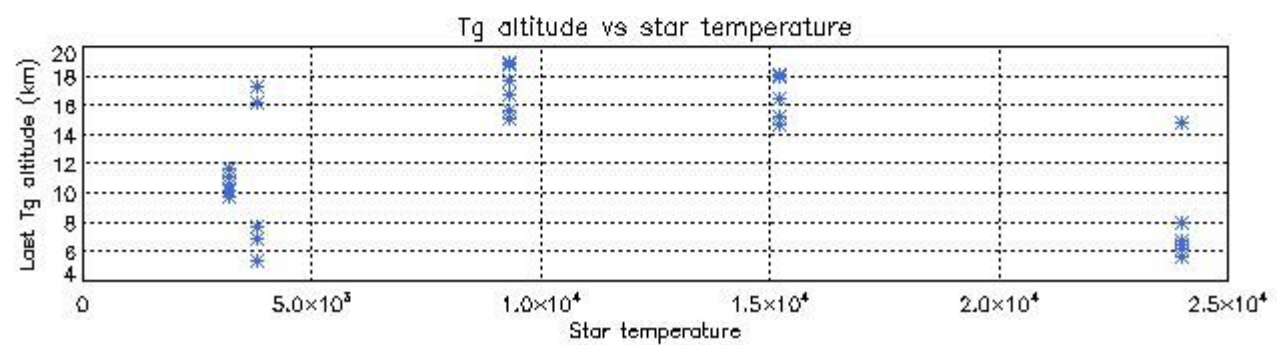
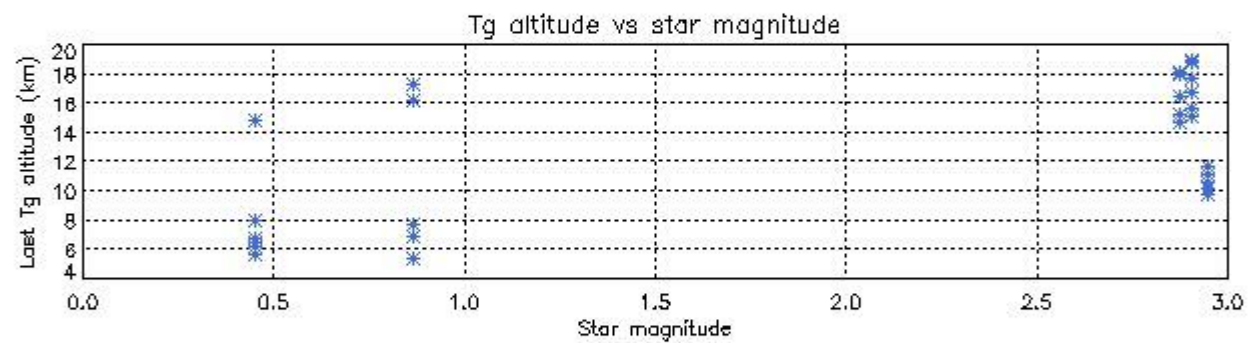
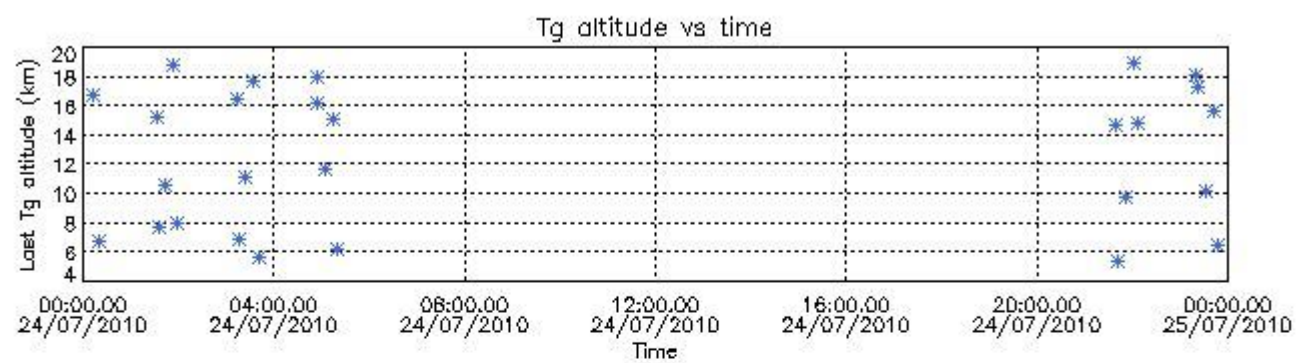
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.574	19.818	NaN
St. deviation:	4.7005	4.3767	NaN
Maximum:	18.872	30.242	NaN
Minimum:	5.3917	3.6248	NaN
Number of data:	27.000	52.000	NaN

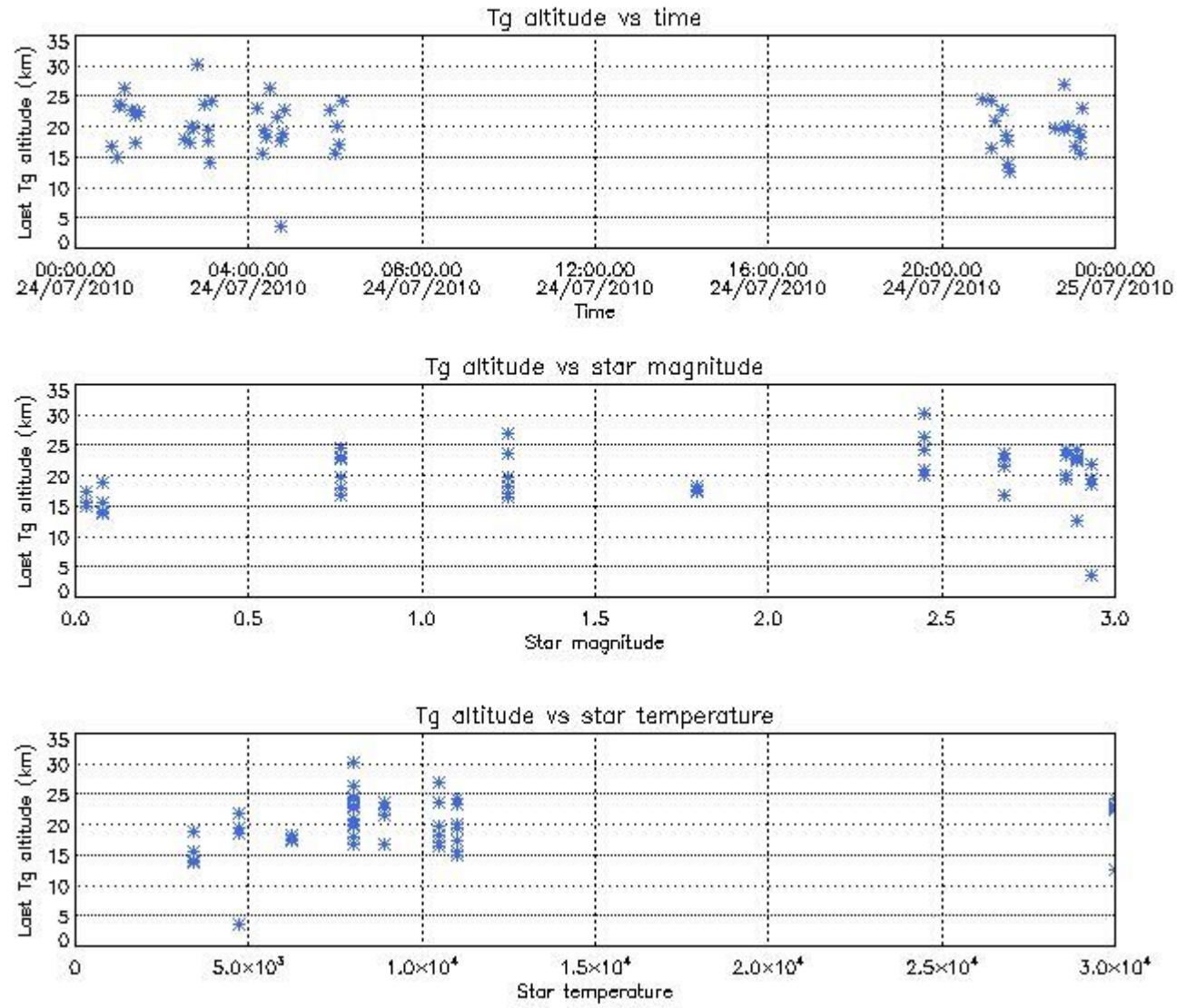
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

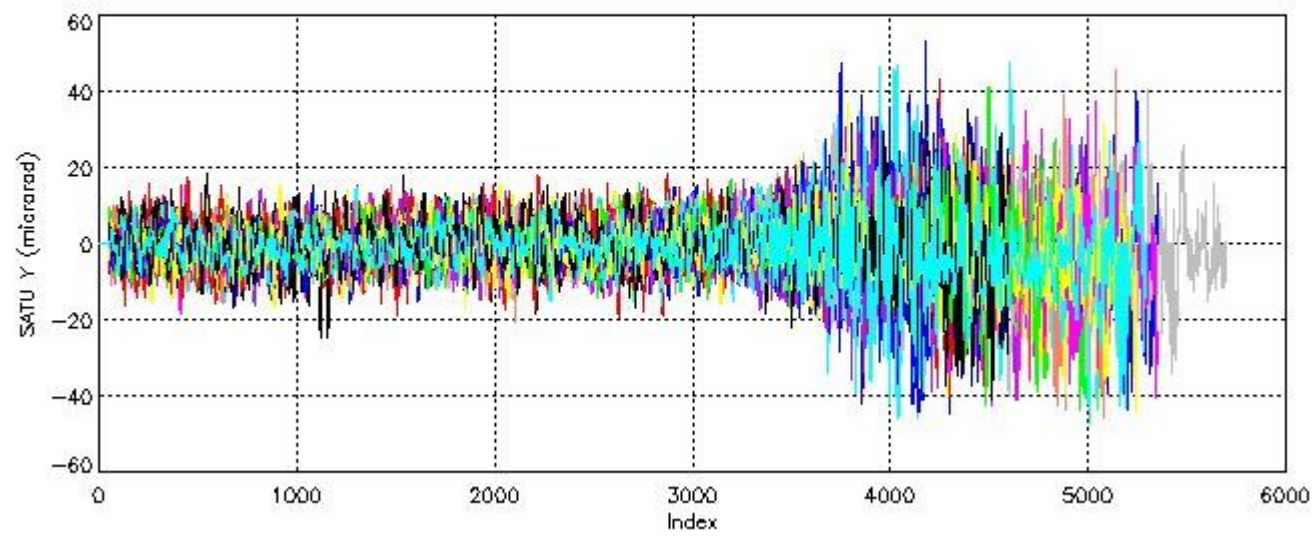
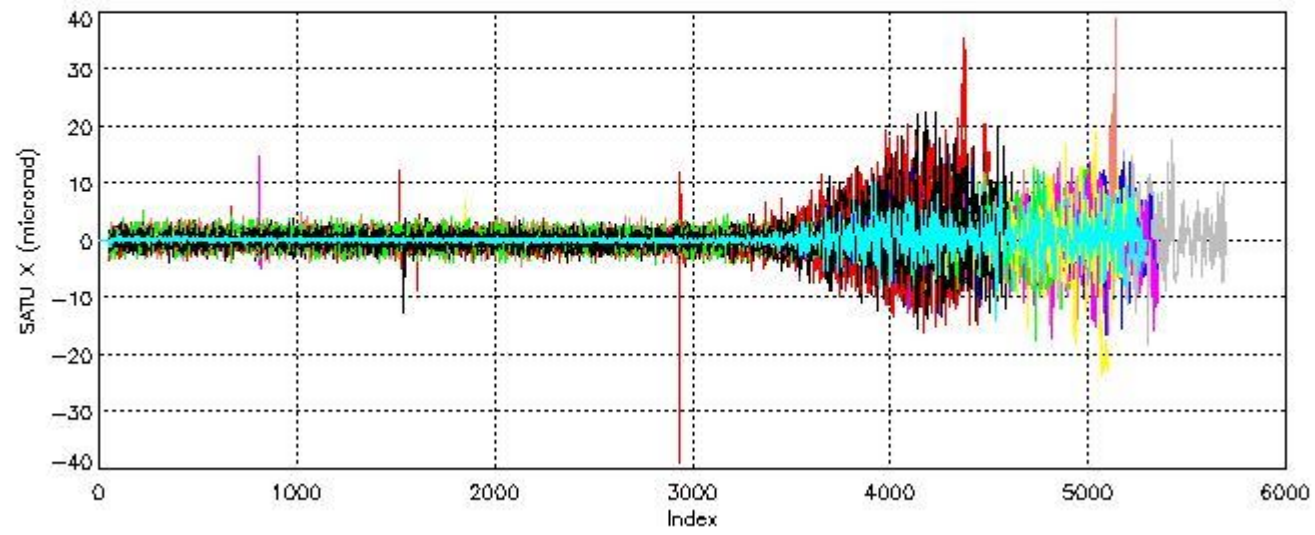


7. Star Acquisition and Tracking Unit (SATU)

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:	0.18776	-0.85463	0.22670	-0.65305
St. deviation:	0.62247	4.3641	0.77920	4.1769
Maximum:	14.600	18.200	5.8000	16.900
Minimum:	-5.0000	-18.500	-5.5000	-19.100

Number of data:	27400.	27400.	52900.	52900.
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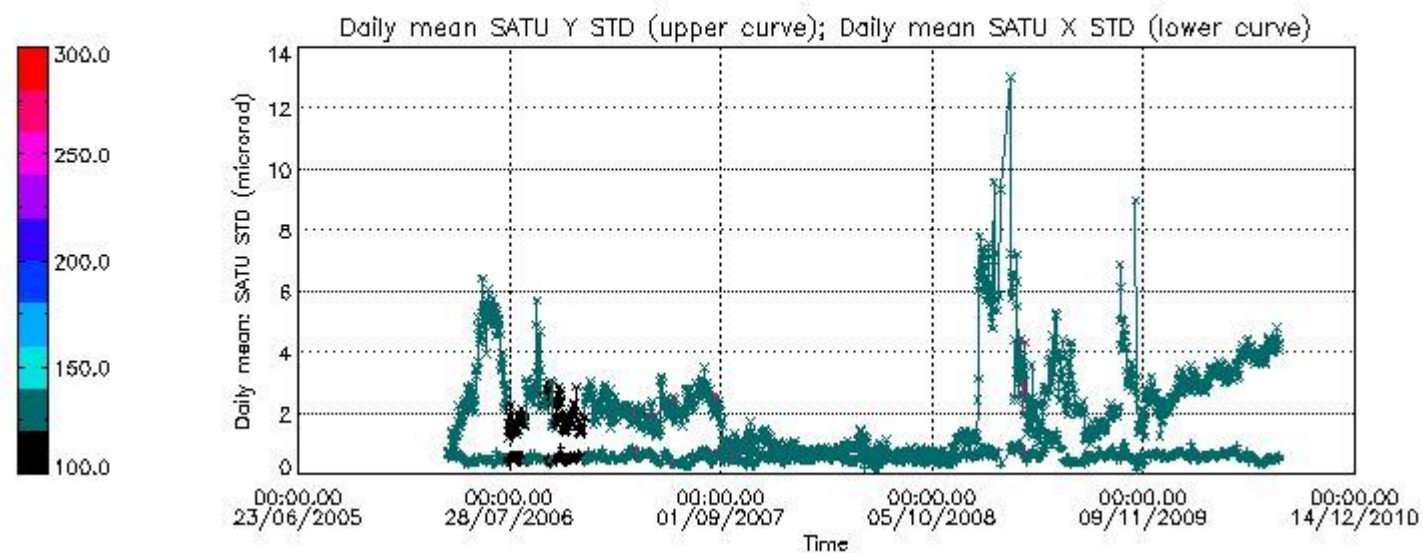
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

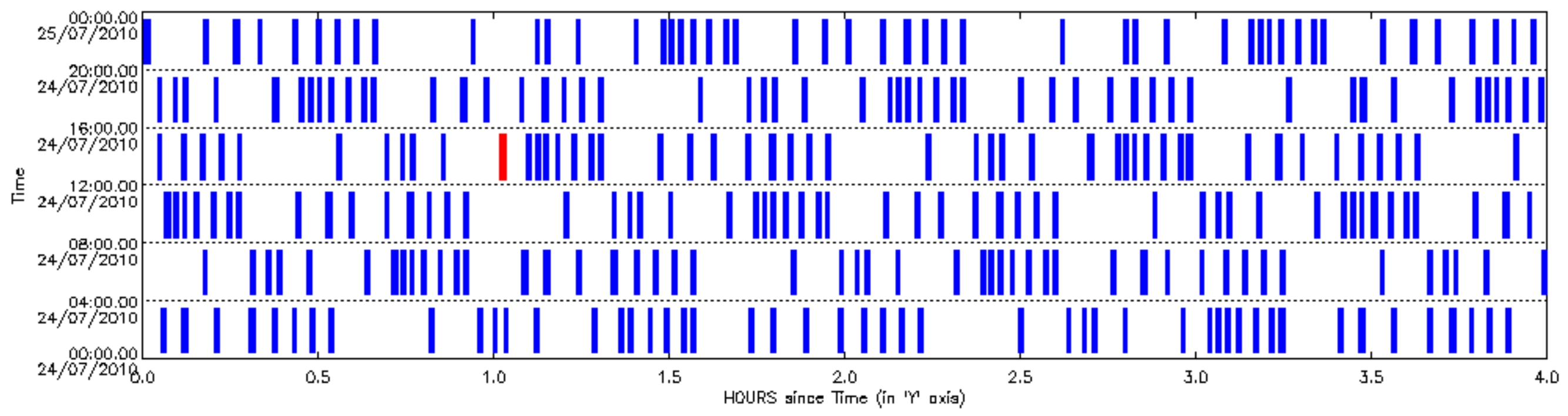
Lower curve: STD of SATU X axis

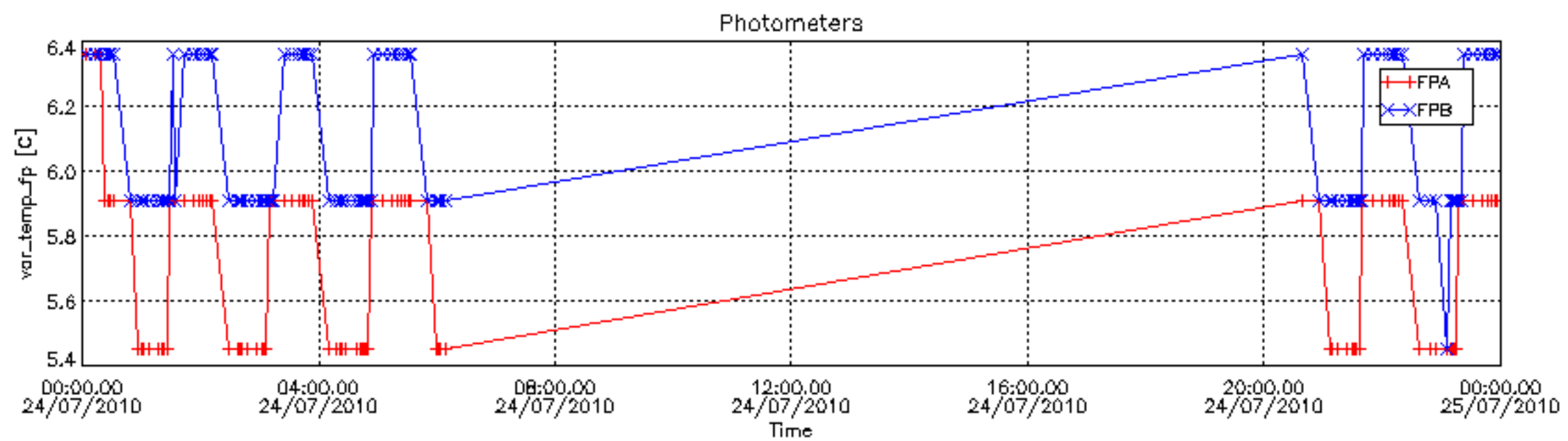
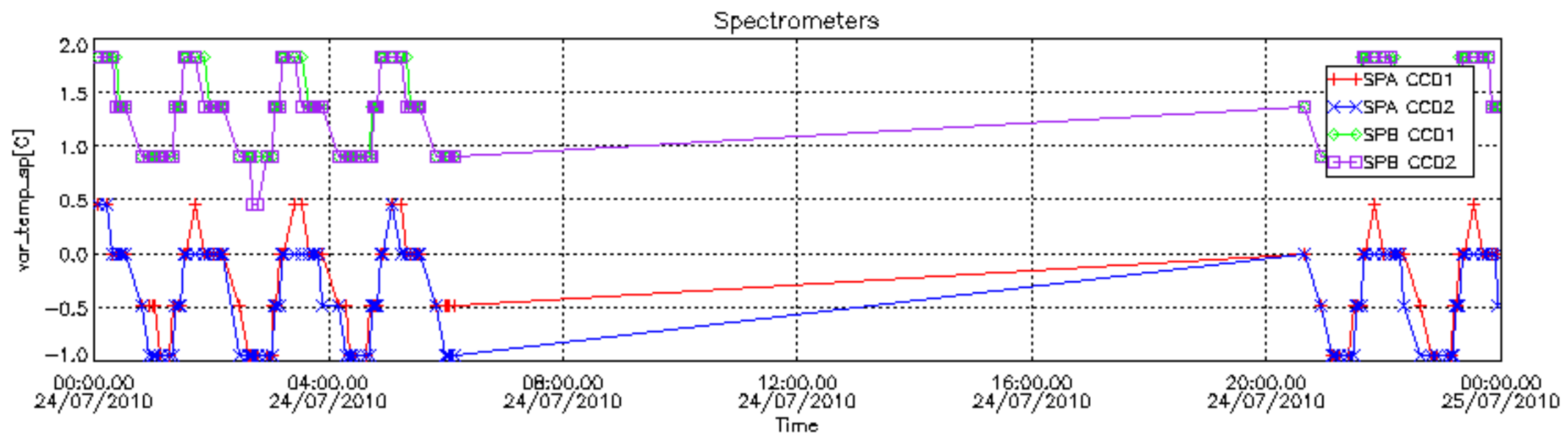


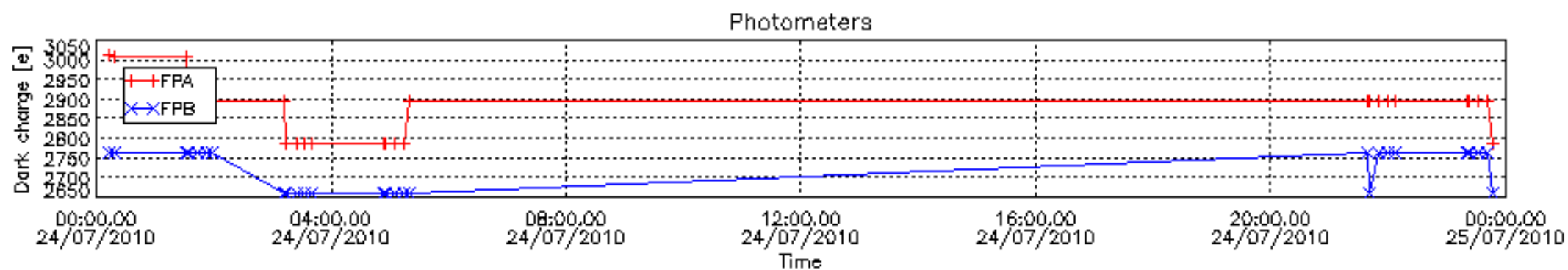
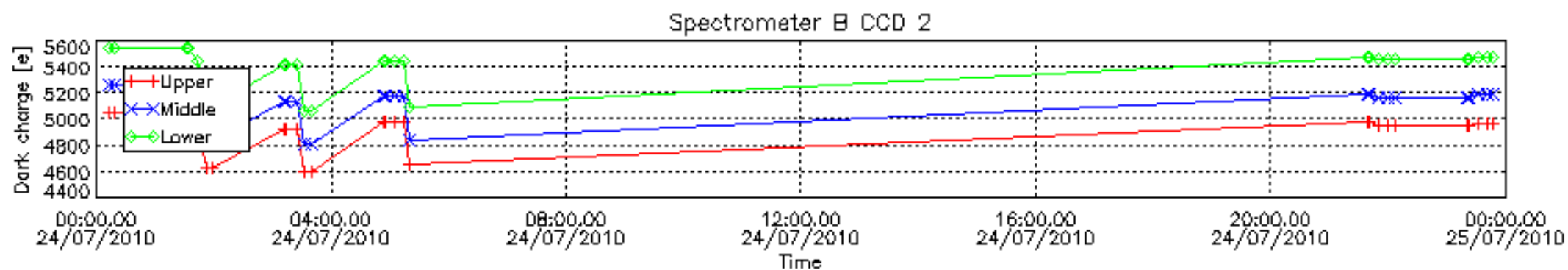
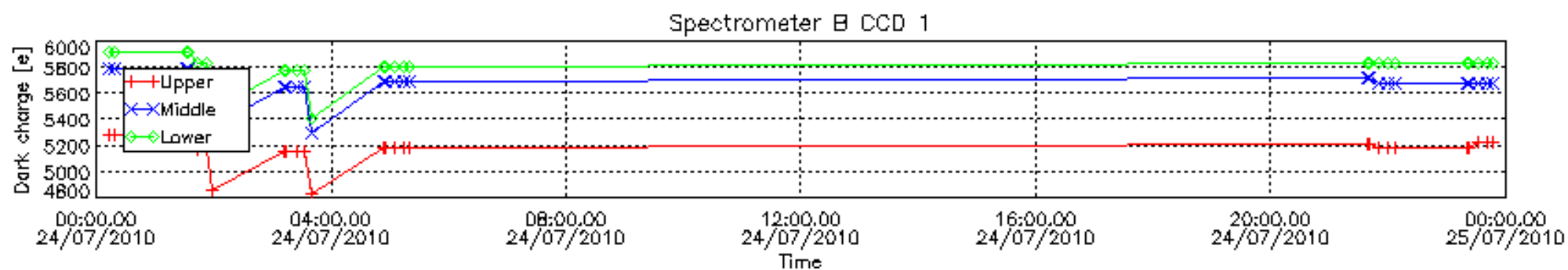
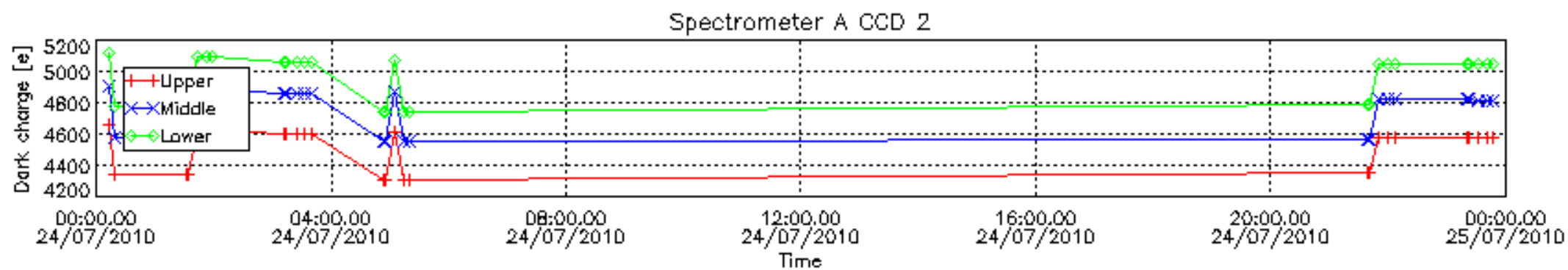
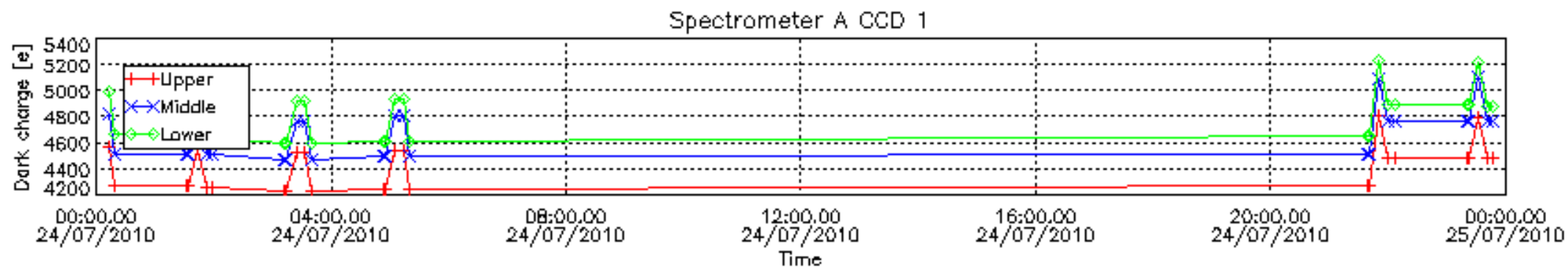
8. Auxiliary Data Files used for the production reported in section 2.4

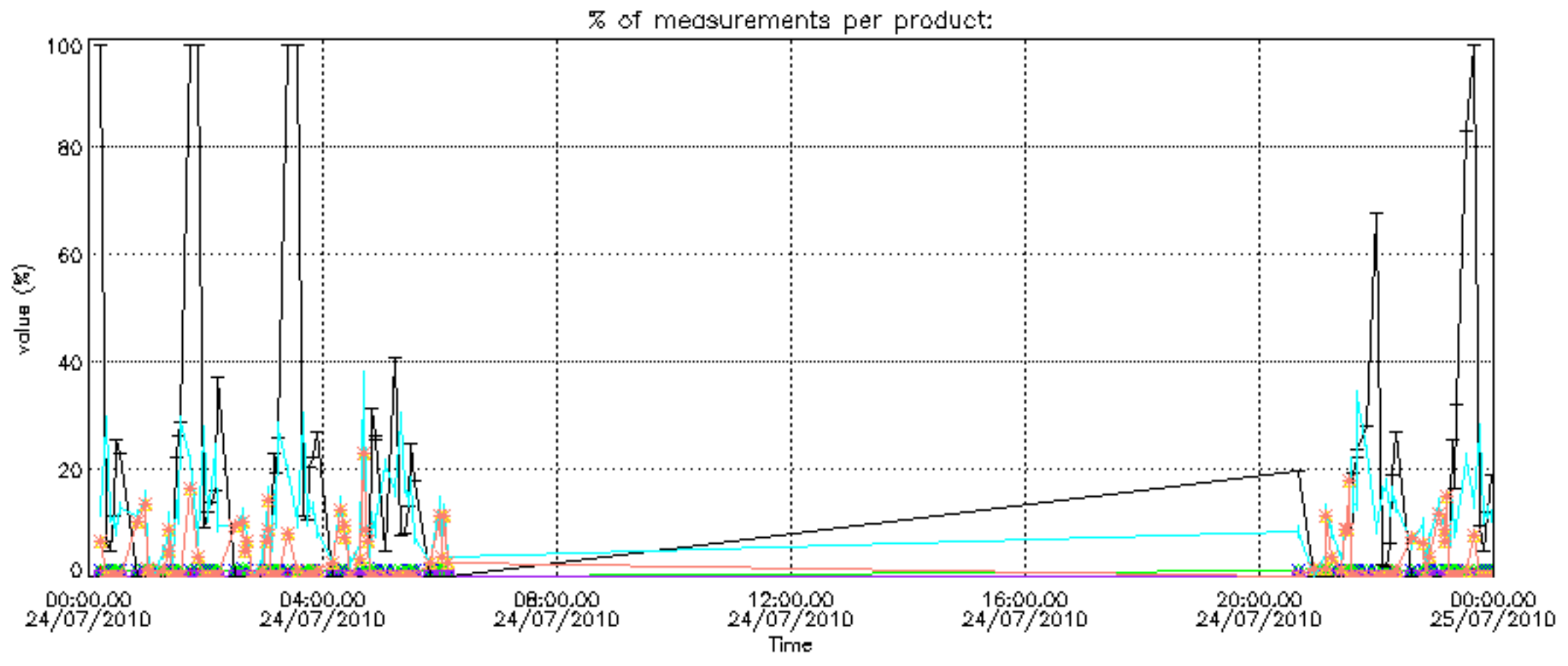
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-JUL-2010 00:03:01
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100720_095840_20100718_000000_20500101_000000	1	24-JUL-2010 00:03:01
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	24-JUL-2010 00:03:01
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	24-JUL-2010 00:03:01
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	24-JUL-2010 00:03:01
ECMWF_FILE	AUX_ECF_AXNECM20100723_054114_20100723_210000_20100724_090000	1	24-JUL-2010 00:03:01
ECMWF_FILE	AUX_ECF_AXNECM20100723_171652_20100724_030000_20100724_150000	52	24-JUL-2010 04:37:59
ECMWF_FILE	MISSING	72	24-JUL-2010 20:39:09
ECMWF_FILE	AUX_ECA_AXNECM20100725_052114_20100724_210000_20100725_090000	85	24-JUL-2010 21:50:57
ECMWF_FILE	AUX_ECF_AXNECM20100724_054115_20100724_210000_20100725_090000	104	24-JUL-2010 23:31:34
OPTIONAL_ECMWF_FILE	MISSING	1	24-JUL-2010 00:03:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_000053_000054192091_00259_43900_0810.N1	1	24-JUL-2010 00:03:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_013631_000041442091_00260_43901_0811.N1	20	24-JUL-2010 01:43:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_025054_000057382091_00261_43902_0812.N1	32	24-JUL-2010 02:57:23
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_043151_000060572091_00262_43903_0813.N1	52	24-JUL-2010 04:37:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_203332_000041442091_00272_43913_0814.N1	72	24-JUL-2010 20:39:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_214755_000057382091_00272_43913_0815.N1	85	24-JUL-2010 21:50:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_232852_000057382091_00273_43914_0816.N1	104	24-JUL-2010 23:31:34

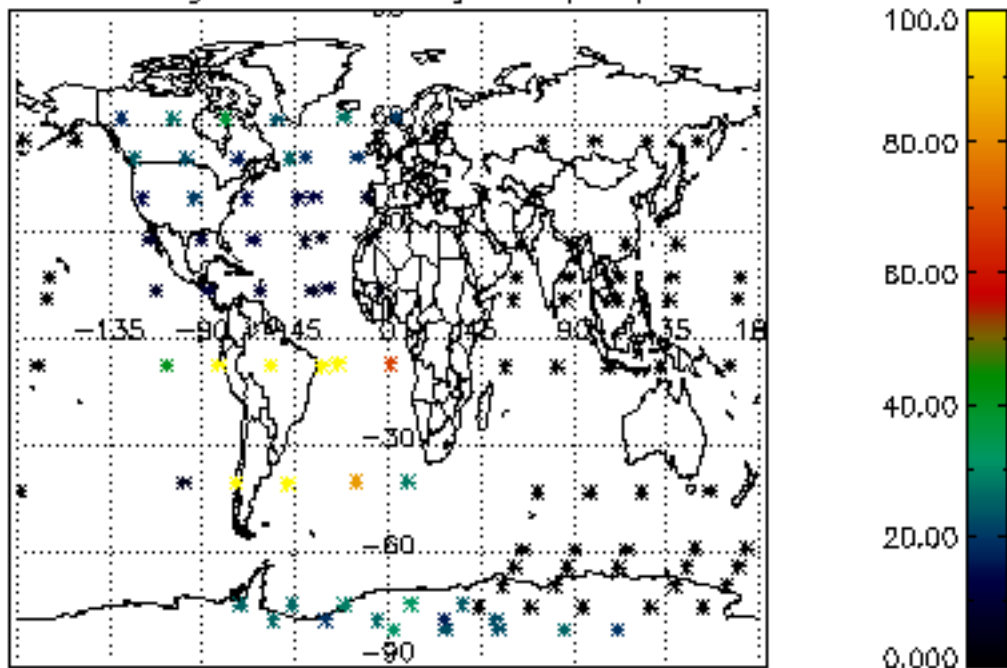




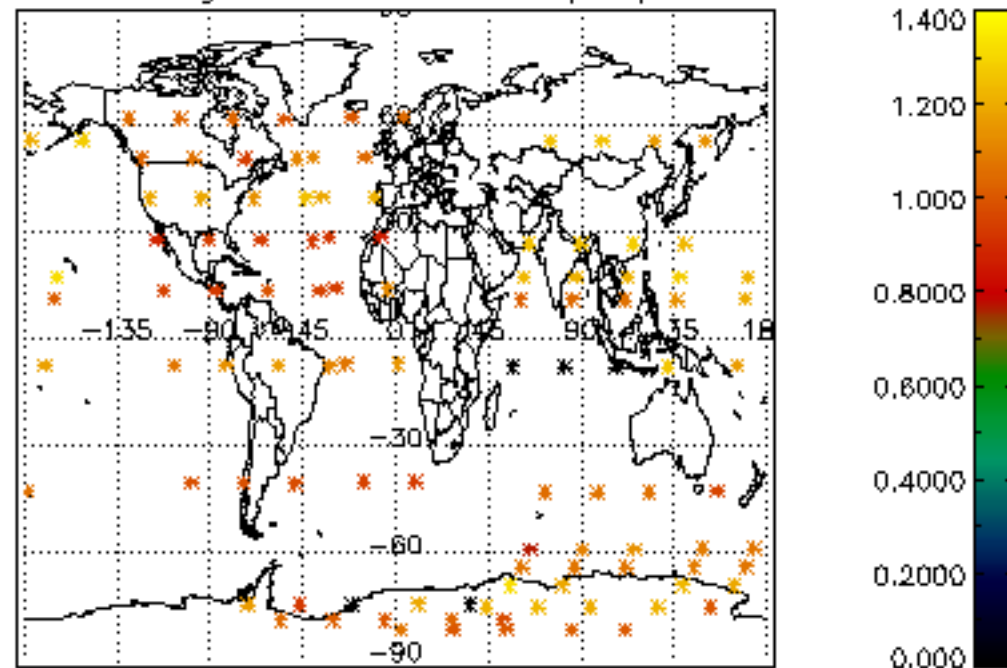




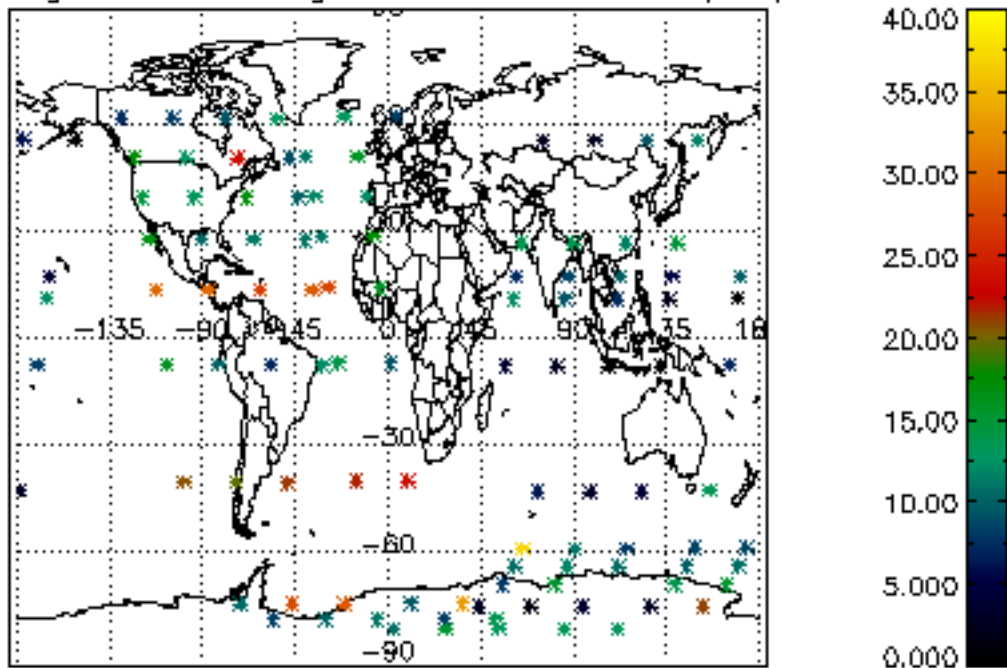
Percentage of cosmic ray hits per profile



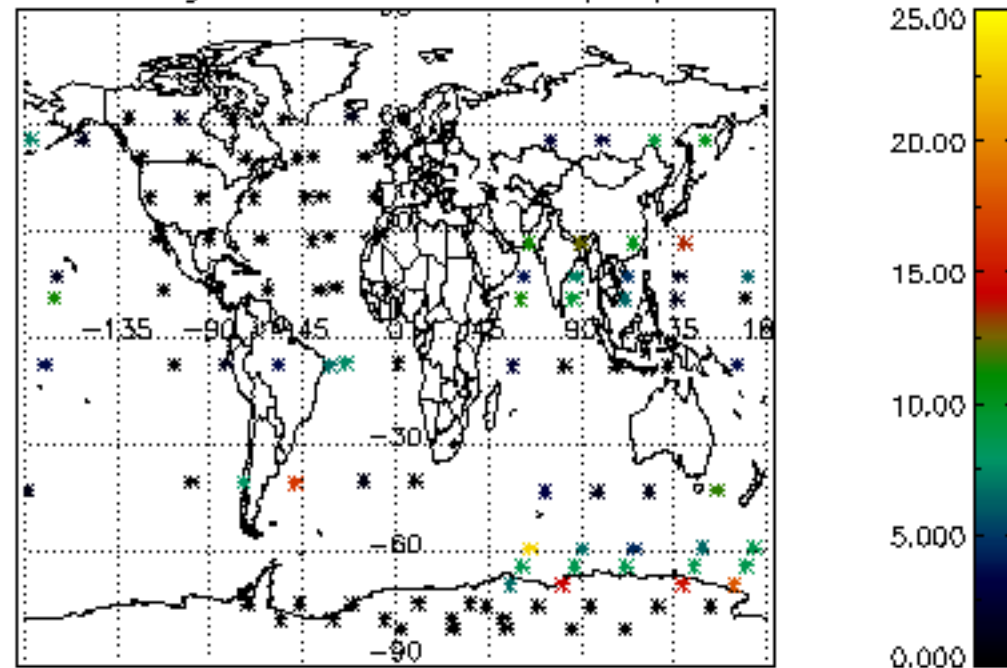
Percentage of datation errors per profile



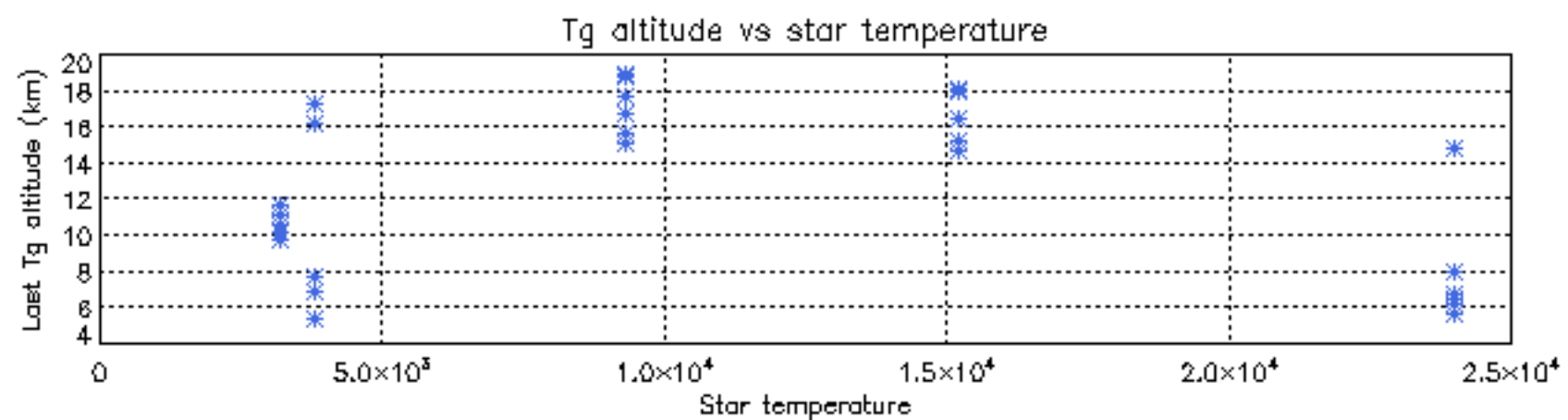
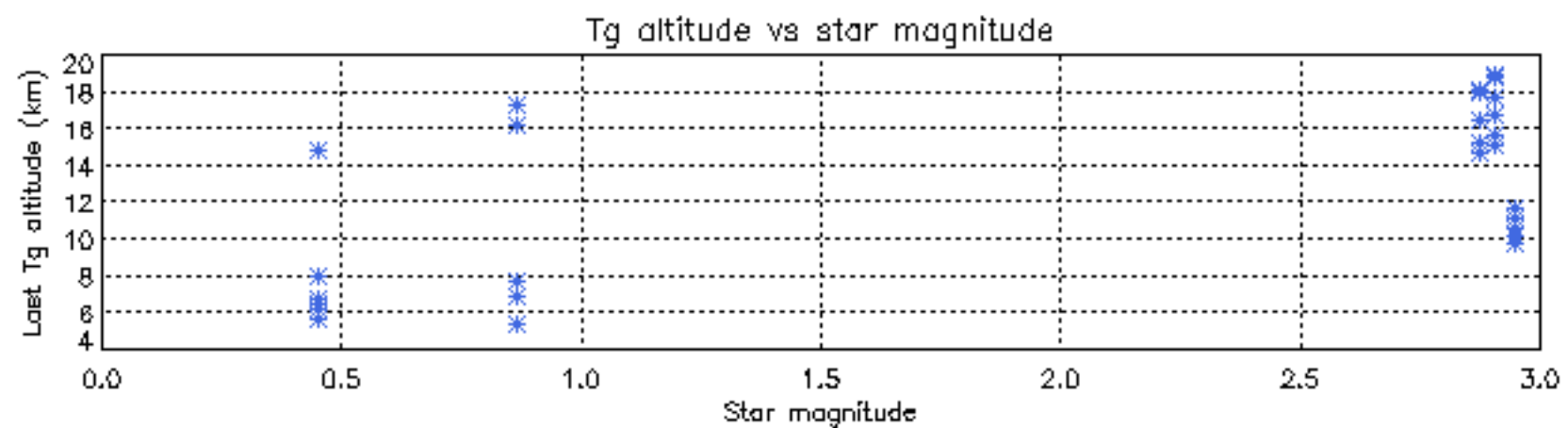
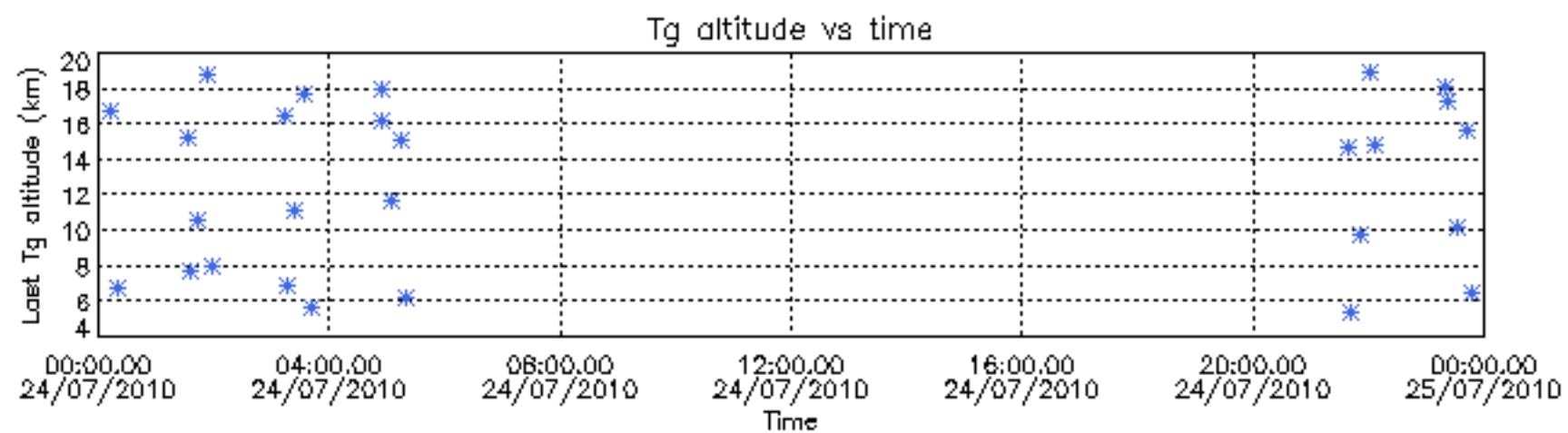
Percentage of star falling outside central band per profile



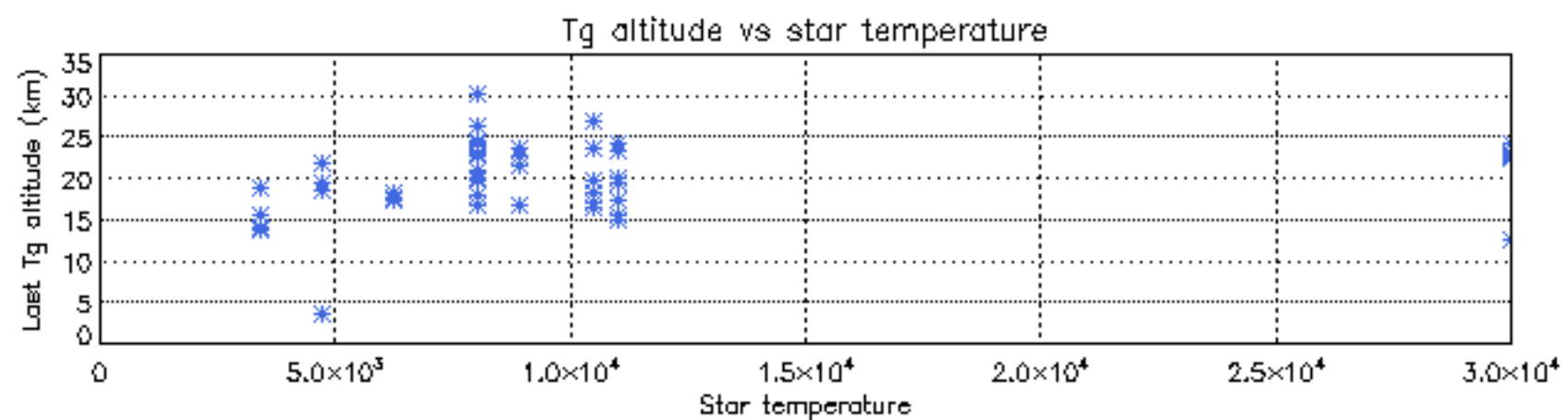
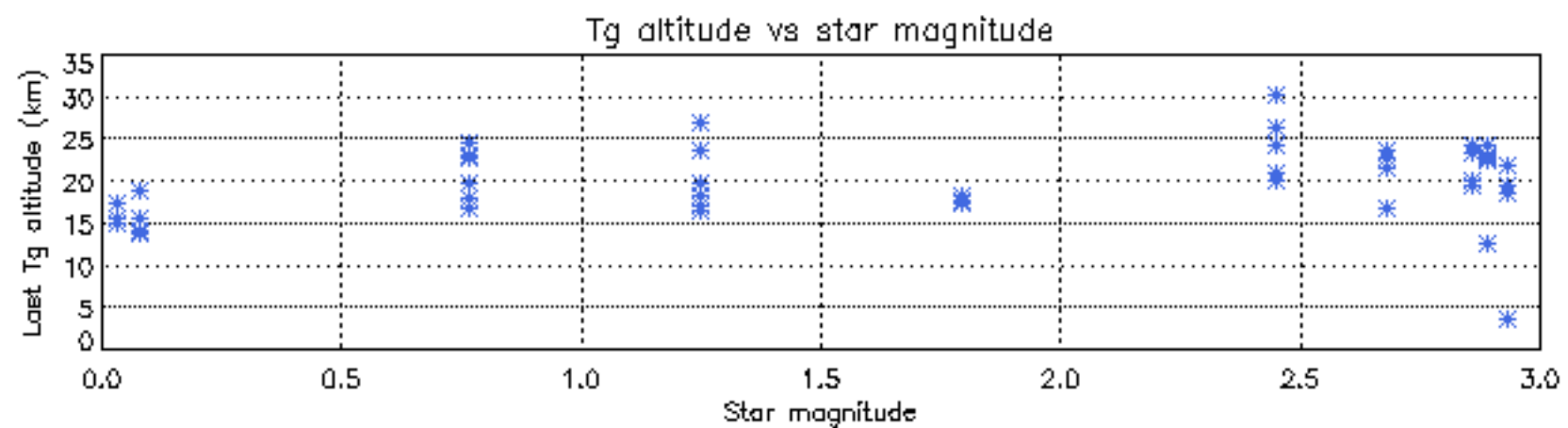
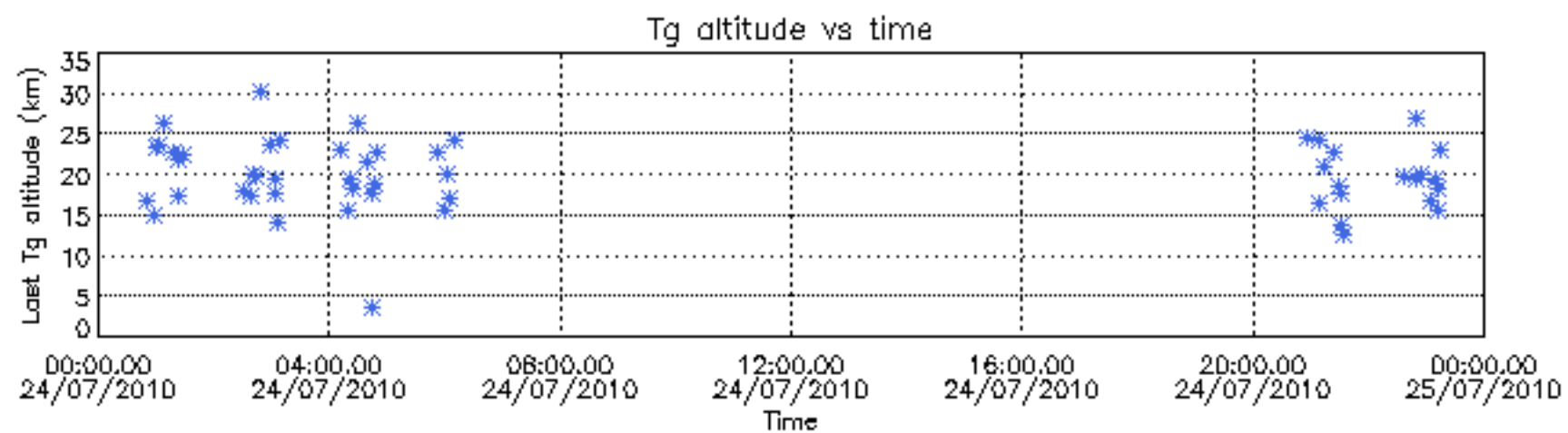
Percentage of saturation errors per profile

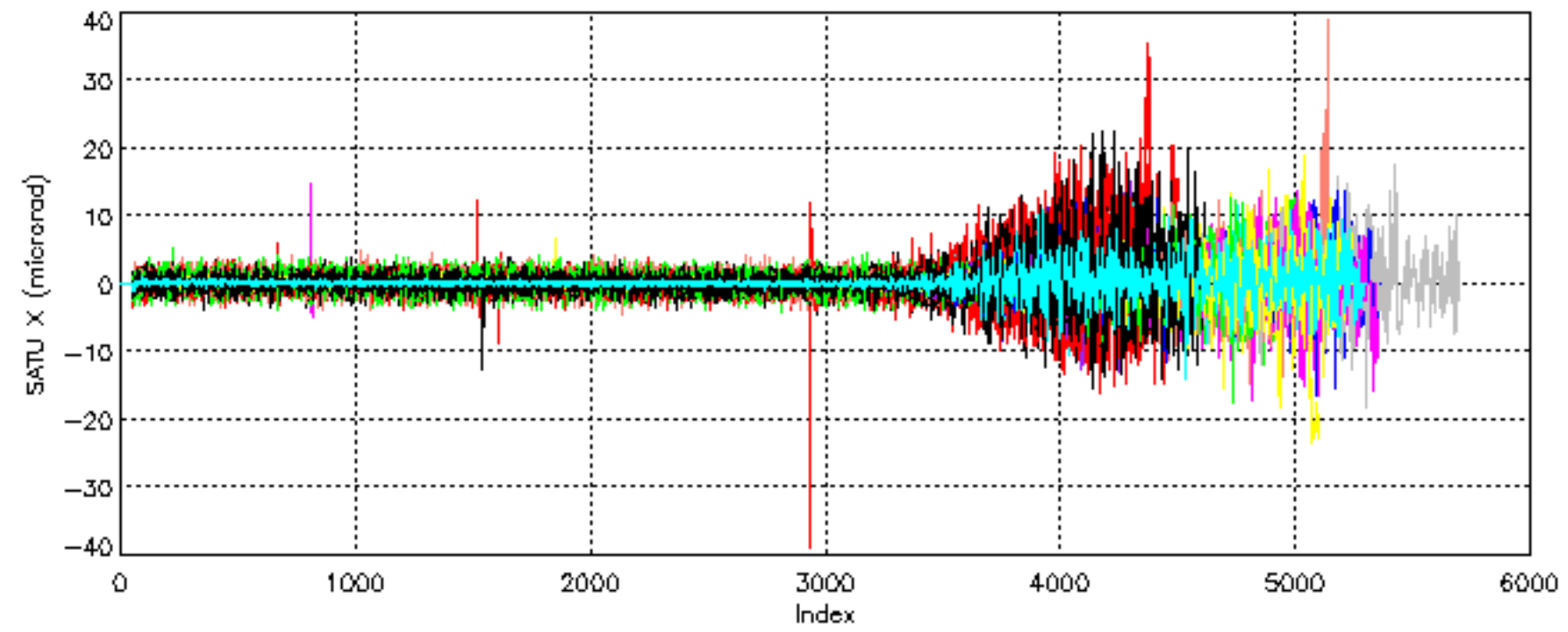


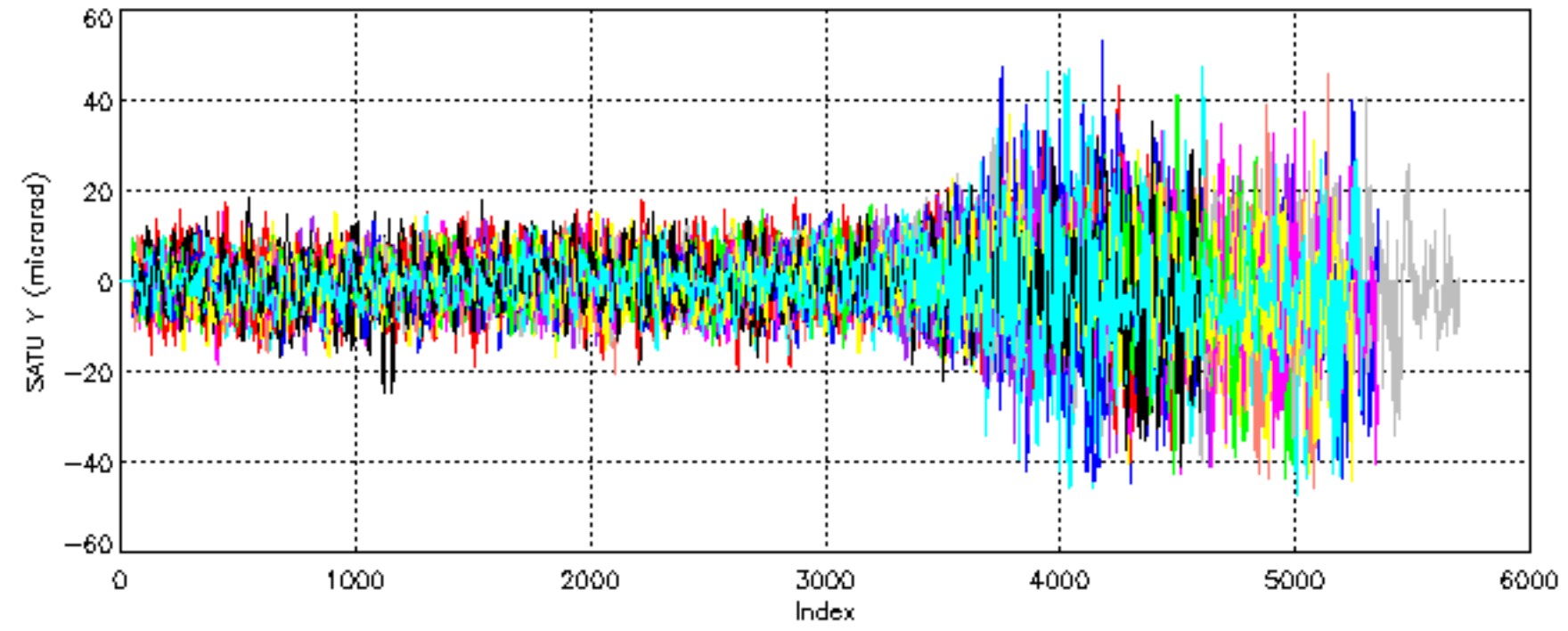
Tangent altitude at which the star is lost

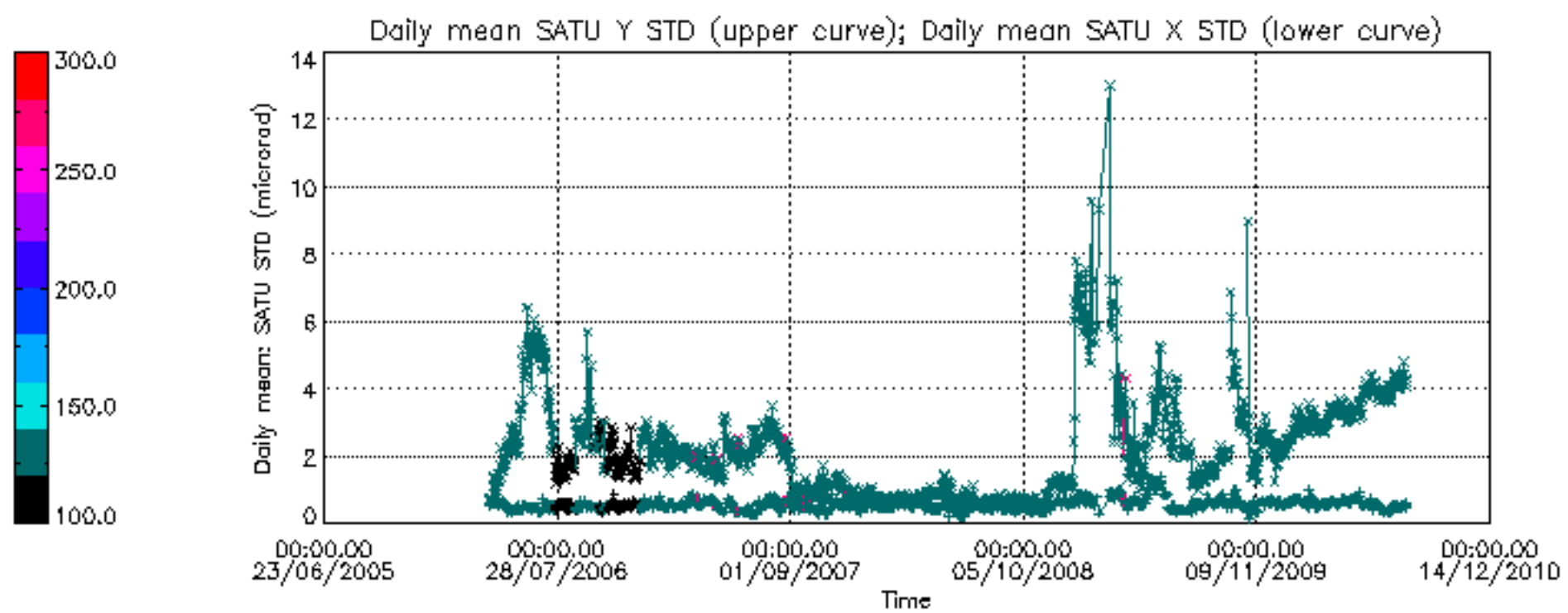


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_002828_000055612090_00431_43571_0355.N1

1; -536.4; 01-JUL-2010 00:28:28; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43571
 2; 94.6; 01-JUL-2010 00:38:59; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;43572
 3; 483.7; 01-JUL-2010 00:45:28; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;43572
 4; 600.1; 01-JUL-2010 00:47:24; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;43572
 5; 743.9; 01-JUL-2010 00:49:48; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43572
 6; 1314.0; 01-JUL-2010 00:59:18; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;43572
 7; 1480.2; 01-JUL-2010 01:02:04; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43572
 8; 1981.6; 01-JUL-2010 01:10:26; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;43572
 9; 2121.8; 01-JUL-2010 01:12:46; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43572
 10; 2233.6; 01-JUL-2010 01:14:38; Bright; 47.5; 168; 17Zet Aql ; 2.99; 11000;occ; 95; 0;43572
 11; 2652.9; 01-JUL-2010 01:21:37; Bright; 41.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 82; 0;43572
 12; 2809.4; 01-JUL-2010 01:24:14; Bright; 36.0; 130; 23Bet Dra ; 2.80; 5800;occ; 72; 0;43572
 13; 2925.2; 01-JUL-2010 01:26:09; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43572
 14; 3345.6; 01-JUL-2010 01:33:10; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43572
 15; 3786.1; 01-JUL-2010 01:40:30; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;43572
 16; 3888.2; 01-JUL-2010 01:42:12; Bright; 50.0; 68; 18Alp Cas ; 2.22; 4500;occ; 100; 0;43572
 17; 4062.4; 01-JUL-2010 01:45:07; Bright; 56.0; 160; 23Gam Per ; 2.93; 4700;occ; 112; 0;43572
 18; 4266.8; 01-JUL-2010 01:48:31; Bright; 46.0; 73; 57Gam1And ; 2.26; 13100;occ; 92; 0;43572
 19; 4424.1; 01-JUL-2010 01:51:08; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;43572
 20; 4678.5; 01-JUL-2010 01:55:23; Dark ; 60.5; 50; 13Alp Ari ; 2.01; 4250;occ; 121; 0;43572
 21; 4976.2; 01-JUL-2010 02:00:20; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;43572

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 3; 484.4; 01-JUL-2010 02:26:04; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43573
 4; 601.0; 01-JUL-2010 02:28:01; Dark ; 55.0; 31; Alp Gru ; 1.73; 15200;occ; 110; 0;43573
 5; 744.6; 01-JUL-2010 02:30:25; Dark ; 46.5; 45; Alp Pav ; 1.94; 26000;occ; 93; 0;43573
 6; 1314.3; 01-JUL-2010 02:39:54; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43573
 7; 1480.5; 01-JUL-2010 02:42:41; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43573
 8; 1982.0; 01-JUL-2010 02:51:02; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43573
 9; 2121.7; 01-JUL-2010 02:53:22; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43573
 10; 2233.3; 01-JUL-2010 02:55:13; Bright; 49.5; 168; 17Zet Aql ; 2.99; 11000;occ; 99; 0;43573
 11; 2652.5; 01-JUL-2010 03:02:13; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;43573
 12; 2809.3; 01-JUL-2010 03:04:49; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;43573
 13; 2924.7; 01-JUL-2010 03:06:45; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43573
 14; 3344.9; 01-JUL-2010 03:13:45; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43573

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 3;-1973.6; 01-JUL-2010 03:25:42; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;43573
 4;-1769.2; 01-JUL-2010 03:29:07; Bright; 65.0; 73; 57Gam1And ; 2.26; 13100;occ; 130; 0;43573
 5;-1611.6; 01-JUL-2010 03:31:44; Dark ; 50.5; 173; 4Bet Tri ; 3.00; 8900;occ; 101; 0;43573
 6;-1357.0; 01-JUL-2010 03:35:59; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43573
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 8; -534.6; 01-JUL-2010 03:49:41; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43573
 9; 96.5; 01-JUL-2010 04:00:13; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;43574
 10; 485.6; 01-JUL-2010 04:06:42; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43574
 11; 602.3; 01-JUL-2010 04:08:38; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43574
 12; 744.8; 01-JUL-2010 04:11:01; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43574
 13; 1314.7; 01-JUL-2010 04:20:31; Dark ; 45.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 90; 0;43574
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 15; 1480.4; 01-JUL-2010 04:23:16; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43574
 16; 1981.9; 01-JUL-2010 04:31:38; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43574
 17; 2121.8; 01-JUL-2010 04:33:58; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43574
 18; 2232.8; 01-JUL-2010 04:35:49; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43574
 19; 2652.2; 01-JUL-2010 04:42:48; Bright; 44.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 89; 0;43574
 20; 2809.2; 01-JUL-2010 04:45:25; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800;occ; 73; 0;43574
 21; 2923.6; 01-JUL-2010 04:47:20; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43574
 22; 3344.5; 01-JUL-2010 04:54:21; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43574

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11; 602.8; 01-JUL-2010 05:49:15; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;43575
12; 745.4; 01-JUL-2010 05:51:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43575
13; 1314.8; 01-JUL-2010 06:01:07; Dark ; 45.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 91; 0;43575
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16; 1982.2; 01-JUL-2010 06:12:14; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43575
17; 2121.9; 01-JUL-2010 06:14:34; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43575
18; 2232.3; 01-JUL-2010 06:16:24; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43575
19; 2651.8; 01-JUL-2010 06:23:24; Bright; 45.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 90; 0;43575
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21; 2923.1; 01-JUL-2010 06:27:55; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43575
22; 3343.8; 01-JUL-2010 06:34:56; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43575
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3; -1973.8; 01-JUL-2010 06:46:54; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;43575
4; -1769.3; 01-JUL-2010 06:50:19; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43575
5; -1611.1; 01-JUL-2010 06:52:57; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43575
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9; 98.8; 01-JUL-2010 07:21:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;43576
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12; 745.9; 01-JUL-2010 07:32:14; Dark ; 49.0; 45; Alp Pav ; 1.94; 26000;occ; 98; 0;43576
13; 1315.1; 01-JUL-2010 07:41:43; Dark ; 48.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 97; 0;43576
14; 1389.2; 01-JUL-2010 07:42:57; Bright; 44.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 88; 0;43576
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4; 2651.5; 01-JUL-2010 08:03:59; Bright; 48.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 96; 0;43576
5; 2808.8; 01-JUL-2010 08:06:37; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;43576
6; 2921.8; 01-JUL-2010 08:08:30; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43576
7; 3343.1; 01-JUL-2010 08:15:31; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43576
8; 3784.4; 01-JUL-2010 08:22:52; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43576
9; 3876.7; 01-JUL-2010 08:24:25; Bright; 43.5; 110; 37Del Cas ; 2.68; 8900;occ; 87; 0;43576
10; 4062.2; 01-JUL-2010 08:27:30; Bright; 55.0; 160; 23Gam Per ; 2.93; 4700;occ; 110; 0;43576
11; 4165.5; 01-JUL-2010 08:29:14; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;43576
12; 4266.5; 01-JUL-2010 08:30:54; Bright; 49.5; 73; 57Gam1And ; 2.26; 13100;occ; 99; 0;43576
13; 4424.9; 01-JUL-2010 08:33:33; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43576
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16; 5504.0; 01-JUL-2010 08:51:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43576
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19; 6640.2; 01-JUL-2010 09:10:28; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43577
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22; 7425.5; 01-JUL-2010 09:23:34; Bright; 48.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 96; 0;43577
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3; 2647.3; 01-JUL-2010 21:28:43; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43584
4; 2914.8; 01-JUL-2010 21:33:10; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43584
5; 3132.5; 01-JUL-2010 21:36:48; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43584
6; 3337.8; 01-JUL-2010 21:40:13; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43584
7; 3780.4; 01-JUL-2010 21:47:36; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43584
8; 3874.3; 01-JUL-2010 21:49:10; Bright; 40.5; 110; 37Del Cas ; 2.68; 8900;occ; 81; 0;43584
9; 4265.9; 01-JUL-2010 21:55:41; Bright; 47.5; 73; 57Gam1And ; 2.26; 13100;occ; 95; 0;43584
10; 4419.5; 01-JUL-2010 21:58:15; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43584
11; 4682.4; 01-JUL-2010 22:02:38; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43584
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4; 496.2; 01-JUL-2010 22:33:28; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43585
5; 596.3; 01-JUL-2010 22:35:08; Dark ; 75.5; 18; 24Alp PsA ; 1.17; 9700;occ; 151; 0;43585
6; 1482.8; 01-JUL-2010 22:49:54; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43585
7; 2226.5; 01-JUL-2010 23:02:18; Bright; 50.0; 168; 17Zet Aql ; 2.99; 11000;occ; 100; 0;43585
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5; 598.1; 02-JUL-2010 00:15:45; Dark ; 96.5; 18; 24Alp PsA ; 1.17; 9700;occ; 193; 0;43586
6; 787.6; 02-JUL-2010 00:18:55; Dark ; 56.5; 172; Gam Gru ; 3.00; 13100;occ; 113; 0;43586
7; 1482.7; 02-JUL-2010 00:30:30; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43586
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16; 5504.8; 01-JUL-2010 10:32:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43577
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5; 2808.6; 01-JUL-2010 11:27:48; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;43578
6; 2920.2; 01-JUL-2010 11:29:40; Bright; 49.5; 144; 18Del Cyg ; 2.86; 11000;occ; 99; 0;43578
7; 3783.3; 01-JUL-2010 11:44:03; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;43578
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9; 4062.1; 01-JUL-2010 11:48:42; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;43578

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13; 4680.6; 01-JUL-2010 11:59:00; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43578
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 4; 781.6; 01-JUL-2010 14:15:13; Dark ; 54.5; 172; Gam Gru ; 3.00; 13100;occ; 109; 0;43580
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 3; 2649.4; 01-JUL-2010 14:46:21; Bright; 47.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 95; 0;43580
 4; 2918.4; 01-JUL-2010 14:50:50; Bright; 48.5; 144; 18Del Cyg ; 2.86; 11000;occ; 97; 0;43580
 5; 3137.9; 01-JUL-2010 14:54:29; Bright; 59.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 119; 0;43580
 6; 3340.4; 01-JUL-2010 14:57:52; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43580
 7; 3782.2; 01-JUL-2010 15:05:14; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43580
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11; 4681.6; 01-JUL-2010 15:20:13; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43580
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13; 5874.7; 01-JUL-2010 15:40:06; Dark ; 87.5; 52; 16Bet Cet ; 2.04; 4500;occ; 175; 0;43580
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15; 6528.2; 01-JUL-2010 15:51:00; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43581
16; 6625.2; 01-JUL-2010 15:52:37; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43581
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 4; 2917.6; 01-JUL-2010 16:31:25; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43581
 5; 3136.6; 01-JUL-2010 16:35:04; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;43581
 6; 3339.7; 01-JUL-2010 16:38:27; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43581
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11; 4681.5; 01-JUL-2010 17:00:49; Dark ; 60.0; 50; 13Alp Ari ; 2.01; 4250;occ; 120; 0;43581
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 3; 109.8; 02-JUL-2010 01:48:13; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43587
 4; 498.0; 02-JUL-2010 01:54:41; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43587
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 6; 789.0; 02-JUL-2010 01:59:32; Dark ; 57.0; 172; Gam Gru ; 3.00; 13100;occ; 114; 0;43587
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 9; 2645.9; 02-JUL-2010 02:30:29; Bright; 40.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 80; 0;43587
10; 2912.5; 02-JUL-2010 02:34:56; Bright; 46.0; 144; 18Del Cyg ; 2.86; 11000;occ; 92; 0;43587
11; 3129.0; 02-JUL-2010 02:38:32; Bright; 63.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 127; 0;43587
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 3; -1770.3; 02-JUL-2010 02:57:29; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43587
 4; -1616.6; 02-JUL-2010 03:00:02; Dark ; 66.5; 53; 43Bet And ; 2.05; 3300;occ; 133; 0;43587
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 12; 1483.1; 02-JUL-2010 03:51:42; Bright; 46.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 92; 0;43588
 13; 2225.3; 02-JUL-2010 04:04:04; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43588
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 8; 112.1; 02-JUL-2010 05:09:27; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;43589
 9; 499.9; 02-JUL-2010 05:15:55; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43589
 10; 603.3; 02-JUL-2010 05:17:38; Dark ; 79.5; 18; 24Alp PsA ; 1.17; 9700;occ; 159; 0;43589
 11; 790.9; 02-JUL-2010 05:20:46; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43589
 12; 1483.4; 02-JUL-2010 05:32:18; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43589
 13; 2224.8; 02-JUL-2010 05:44:40; Bright; 49.0; 168; 17Zet Aql ; 2.99; 11000;occ; 98; 0;43589
 14; 2645.2; 02-JUL-2010 05:51:40; Bright; 47.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 95; 0;43589
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 3; 2640.9; 02-JUL-2010 20:56:59; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43598
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 5; 3115.0; 02-JUL-2010 21:04:53; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;43598
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 3; 122.1; 02-JUL-2010 21:55:36; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;43599
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 5; 620.8; 02-JUL-2010 22:03:55; Dark ; 95.0; 18; 24Alp PsA ; 1.17; 9700;occ; 190; 0;43599
 6; 801.4; 02-JUL-2010 22:06:56; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43599
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 11; 3113.9; 02-JUL-2010 22:45:28; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;43599
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 3; 123.3; 02-JUL-2010 23:36:14; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43600
 4; 510.5; 02-JUL-2010 23:42:41; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43600
 5; 622.6; 02-JUL-2010 23:44:33; Dark ; 77.5; 18; 24Alp PsA ; 1.17; 9700;occ; 155; 0;43600
 6; 802.4; 02-JUL-2010 23:47:33; Dark ; 57.0; 172; Gam Gru ; 3.00; 13100;occ; 114; 0;43600
 7; 1485.6; 02-JUL-2010 23:58:56; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43600
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11; 3112.7; 03-JUL-2010 00:26:03; Bright; 59.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 119; 0;43600
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3; 2200.9; 05-JUL-2010 20:55:24; Bright; 45.5; 168; 17Zet Aql ; 2.99; 11000;occ; 91; 0;43641
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11; 4419.3; 05-JUL-2010 21:32:23; Dark ; 78.5; 53; 43Bet And ; 2.05; 3300;occ; 157; 0;43641
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5; 2868.4; 05-JUL-2010 22:47:08; Bright; 47.5; 144; 18Del Cyg ; 2.86; 11000;occ; 95; 0;43642
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3;-1773.9; 05-JUL-2010 06:24:22; Bright; 55.5; 73; 57Gam1And ; 2.26; 13100;occ; 111; 0;43632
4;-1616.6; 05-JUL-2010 06:26:59; Dark ; 87.5; 53; 43Bet And ; 2.05; 3300;occ; 175; 0;43632
5;-1335.5; 05-JUL-2010 06:31:40; Dark ; 62.5; 50; 13Alp Ari ; 2.01; 4250;occ; 125; 0;43632
6;-479.2; 05-JUL-2010 06:45:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43632
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8; 158.3; 05-JUL-2010 06:56:34; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43633
9; 542.0; 05-JUL-2010 07:02:58; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;43633
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11; 835.5; 05-JUL-2010 07:07:51; Dark ; 55.0; 172; Gam Gru ; 3.00; 13100;occ; 110; 0;43633
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3;-1617.0; 06-JUL-2010 00:53:34; Dark ; 81.5; 53; 43Bet And ; 2.05; 3300;occ; 163; 0;43643
4;-1331.6; 06-JUL-2010 00:58:19; Dark ; 68.5; 50; 13Alp Ari ; 2.01; 4250;occ; 137; 0;43643
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3; 2858.8; 06-JUL-2010 20:34:45; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;43655
4; 3048.7; 06-JUL-2010 20:37:55; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;43655
5; 3290.6; 06-JUL-2010 20:41:57; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43655
6; 3740.9; 06-JUL-2010 20:49:27; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43655
7; 3851.4; 06-JUL-2010 20:51:18; Bright; 44.0; 110; 37Del Cas ; 2.68; 8900;occ; 88; 0;43655
8; 4259.8; 06-JUL-2010 20:58:06; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43655
9; 4418.9; 06-JUL-2010 21:00:45; Dark ; 84.0; 53; 43Bet And ; 2.05; 3300;occ; 168; 0;43655
10; 4709.1; 06-JUL-2010 21:05:35; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43655
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 4; 563.3; 06-JUL-2010 21:37:06; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;43656
 5; 717.1; 06-JUL-2010 21:39:39; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43656
 6; 857.8; 06-JUL-2010 21:42:00; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43656
 7; 2194.6; 06-JUL-2010 22:04:17; Bright; 45.5; 168; 17Zet Aql ; 2.99; 11000;occ; 91; 0;43656
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 5; 718.1; 06-JUL-2010 23:20:16; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43657
 6; 858.4; 06-JUL-2010 23:22:37; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43657
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 13; 3850.6; 07-JUL-2010 00:12:29; Bright; 64.0; 110; 37Del Cas ; 2.68; 8900;occ; 128; 0;43657
 14; 4259.4; 07-JUL-2010 00:19:18; Bright; 54.0; 73; 57Gam1And ; 2.26; 13100;occ; 108; 0;43657
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 16; 4710.0; 07-JUL-2010 00:26:48; Dark ; 61.0; 50; 13Alp Ari ; 2.01; 4250;occ; 122; 0;43657
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 3; 185.2; 07-JUL-2010 00:51:59; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43658
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 5; 721.8; 07-JUL-2010 02:41:32; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43659
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 7; 2616.4; 07-JUL-2010 03:13:06; Bright; 38.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 76; 0;43659
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 9; 3044.4; 07-JUL-2010 03:20:14; Bright; 51.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 102; 0;43659
 10; 3288.0; 07-JUL-2010 03:24:18; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43659

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11; 723.1; 07-JUL-2010 04:22:09; Dark ; 82.5; 18; 24Alp PsA ; 1.17; 9700;occ; 165; 0;43660
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 6; 708.4; 09-JUL-2010 21:45:16; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;43699
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 8; 896.6; 09-JUL-2010 21:48:24; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;43699
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 13; 3261.1; 10-JUL-2010 01:49:01; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43701
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 17; 4297.9; 10-JUL-2010 02:06:17; Bright; 36.5; 79; 26Bet Per ; 2.31; 13100;occ; 73; 0;43701
 18; 4457.7; 10-JUL-2010 02:08:57; Dark ; 44.5; 150; 44Zet Per ; 2.89; 28000;occ; 89; 0;43701
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5;-1578.3; 10-JUL-2010 03:49:33; Dark ; 43.5; 150; 44Zet Per ; 2.89; 28000;occ; 87; 0;43702
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18; 6324.6; 30-JUL-2010 10:34:21; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;43993
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3; 2700.7; 30-JUL-2010 11:14:33; Bright; 38.5; 144; 18Del Cyg ; 2.86; 11000;occ; 77; 0;43993
4; 2778.9; 30-JUL-2010 11:15:51; Bright; 47.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 94; 0;43993
5; 3102.2; 30-JUL-2010 11:21:14; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43993
6; 3988.2; 30-JUL-2010 11:36:00; Bright; 54.5; 160; 23Gam Per ; 2.93; 4700;occ; 109; 0;43993
7; 4085.5; 30-JUL-2010 11:37:38; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 0;43993
8; 4200.0; 30-JUL-2010 11:39:32; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;43993
9; 4316.3; 30-JUL-2010 11:41:29; Bright; 58.5; 149; 45Eps Per ; 2.89; 30000;occ; 117; 0;43993
10; 4510.0; 30-JUL-2010 11:44:42; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;43993
11; 4633.6; 30-JUL-2010 11:46:46; Dark ; 40.5; 176; 23Zet Tau ; 3.02; 22000;occ; 81; 0;43993

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 15; 5423.7; 30-JUL-2010 11:59:56; Dark ; 54.0; 165; 34Gam Eri ; 2.95; 3200;occ; 108; 0;43993
 16; 5716.4; 30-JUL-2010 12:04:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43993
 17; 5987.6; 30-JUL-2010 12:09:20; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;43993
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 19; 6601.4; 30-JUL-2010 12:19:34; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;43994
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 21; 7130.8; 30-JUL-2010 12:28:23; Dark ; 47.0; 172; Gam Gru ; 3.00; 13100;occ; 94; 0;43994

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 3; 3102.1; 30-JUL-2010 13:01:50; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43994
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 12; 5424.5; 30-JUL-2010 13:40:33; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;43994
 13; 5717.1; 30-JUL-2010 13:45:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43994
 14; 5988.7; 30-JUL-2010 13:49:57; Dark ; 45.0; 157; The1Eri ; 2.91; 9300;occ; 90; 0;43994
 15; 6325.8; 30-JUL-2010 13:55:34; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;43995
 16; 6602.5; 30-JUL-2010 14:00:11; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;43995
 17; 6942.4; 30-JUL-2010 14:05:51; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43995
 18; 7132.1; 30-JUL-2010 14:09:00; Dark ; 45.0; 172; Gam Gru ; 3.00; 13100;occ; 90; 0;43995

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 4; 4200.5; 30-JUL-2010 15:00:44; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;43995
 5; 4316.4; 30-JUL-2010 15:02:40; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;43995
 6; 4510.7; 30-JUL-2010 15:05:55; Dark ; 55.0; 28; 12Bet Tau ; 1.65; 15200;occ; 110; 0;43995
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 8; 4780.2; 30-JUL-2010 15:10:24; Dark ; 57.0; 13; 87Alp Tau ; 0.87; 3800;occ; 114; 0;43995
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 13; 5989.9; 30-JUL-2010 15:30:34; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;43995
 14; 6326.9; 30-JUL-2010 15:36:11; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;43996
 15; 6603.7; 30-JUL-2010 15:40:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;43996
 16; 6942.9; 30-JUL-2010 15:46:27; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43996
 17; 7132.1; 30-JUL-2010 15:49:36; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43996

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 3; 2699.6; 30-JUL-2010 16:16:20; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;43996
 4; 3100.8; 30-JUL-2010 16:23:01; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;43996
 5; 4084.5; 30-JUL-2010 16:39:24; Bright; 45.0; 35; 33Alp Per ; 1.79; 6250;occ; 90; 0;43996
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 8; 4497.9; 30-JUL-2010 16:46:18; Dark ; 53.5; 150; 44Zet Per ; 2.89; 28000;occ; 107; 0;43996
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 11; 4902.2; 30-JUL-2010 16:53:02; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;43996
 12; 5162.8; 30-JUL-2010 16:57:23; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;43996
 13; 5426.4; 30-JUL-2010 17:01:46; Dark ; 53.5; 165; 34Gam Eri ; 2.95; 3200;occ; 107; 0;43996
 14; 5718.5; 30-JUL-2010 17:06:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43996
 15; 5990.6; 30-JUL-2010 17:11:11; Dark ; 45.0; 157; The1Eri ; 2.91; 9300;occ; 90; 0;43996
 16; 6327.6; 30-JUL-2010 17:16:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;43997
 17; 6604.4; 30-JUL-2010 17:21:24; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;43997
 18; 6943.5; 30-JUL-2010 17:27:03; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43997

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3; 2591.6; 30-JUL-2010 17:55:08; Bright; 46.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 93; 0;43997
4; 2699.4; 30-JUL-2010 17:56:55; Bright; 39.5; 144; 18Del Cyg ; 2.86; 11000;occ; 79; 0;43997
5; 3100.4; 30-JUL-2010 18:03:36; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43997
6; 4084.4; 30-JUL-2010 18:20:00; Bright; 45.0; 35; 33Alp Per ; 1.79; 6250;occ; 90; 0;43997
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8; 4316.0; 30-JUL-2010 18:23:52; Bright; 42.5; 149; 45Eps Per ; 2.89; 30000;occ; 85; 0;43997
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15; 5719.2; 30-JUL-2010 18:47:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43997
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17; 6328.0; 30-JUL-2010 18:57:24; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;43998
18; 6605.8; 30-JUL-2010 19:02:02; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;43998
19; 6943.7; 30-JUL-2010 19:07:40; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;43998

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3; 2060.7; 30-JUL-2010 19:26:53; Bright; 38.5; 11; 53Alp Aql ; 0.76; 8000;occ; 77; 0;43998
4; 2591.1; 30-JUL-2010 19:35:43; Bright; 49.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 98; 0;43998
5; 2699.3; 30-JUL-2010 19:37:31; Bright; 36.5; 144; 18Del Cyg ; 2.86; 11000;occ; 73; 0;43998
6; 3100.0; 30-JUL-2010 19:44:12; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;43998
7; 4084.0; 30-JUL-2010 20:00:36; Bright; 49.5; 35; 33Alp Per ; 1.79; 6250;occ; 99; 0;43998
8; 4199.9; 30-JUL-2010 20:02:32; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;43998
9; 4316.0; 30-JUL-2010 20:04:28; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;43998
10; 4498.2; 30-JUL-2010 20:07:30; Dark ; 54.0; 150; 44Zet Per ; 2.89; 28000;occ; 108; 0;43998
11; 4634.5; 30-JUL-2010 20:09:46; Dark ; 40.5; 176; 23Zet Tau ; 3.02; 22000;occ; 81; 0;43998
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13; 4902.3; 30-JUL-2010 20:14:14; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;43998
14; 5163.7; 30-JUL-2010 20:18:36; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;43998
15; 5427.7; 30-JUL-2010 20:23:00; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;43998
16; 5719.8; 30-JUL-2010 20:27:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43998
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18; 6328.4; 30-JUL-2010 20:38:00; Dark ; 53.5; 9; Alp Eri ; 0.45; 24000;occ; 107; 0;43999
19; 6606.5; 30-JUL-2010 20:42:39; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;43999
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9;-876.7; 30-JUL-2010 03:32:32; Dark ; 46.5; 7; 19Bet Ori ; 0.10; 14000;occ; 93; 0;43988
10;-616.7; 30-JUL-2010 03:36:52; Dark ; 53.5; 165; 34Gam Eri ; 2.95; 3200;occ; 107; 0;43988
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12;-52.9; 30-JUL-2010 03:46:16; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;43988
13; 285.9; 30-JUL-2010 03:51:54; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;43989
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15; 707.5; 30-JUL-2010 03:58:56; Dark ; 41.5; 148; Alp Tuc ; 2.88; 4100;occ; 83; 0;43989
16; 903.0; 30-JUL-2010 04:02:11; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;43989
17; 1092.6; 30-JUL-2010 04:05:21; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43989
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19; 2595.9; 30-JUL-2010 04:30:24; Bright; 48.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 97; 0;43989
20; 2701.5; 30-JUL-2010 04:32:10; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;43989
21; 2781.1; 30-JUL-2010 04:33:29; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;43989
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11; -322.1; 30-JUL-2010 05:22:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43989
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13; 286.9; 30-JUL-2010 05:32:31; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;43990
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20; 5170.5; 31-JUL-2010 23:08:17; Dark ; 41.0; 7; 19Bet Ori ; 0.10; 14000;occ; 82; 0;44014
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100731_231250_000060402091_00373_44014_0555.N1
1; -593.2; 31-JUL-2010 23:12:50; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;44014
2; -305.3; 31-JUL-2010 23:17:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44014
3; -28.5; 31-JUL-2010 23:22:14; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;44014
4; 303.7; 31-JUL-2010 23:27:46; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44015
5; 587.9; 31-JUL-2010 23:32:31; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44015
6; 917.0; 31-JUL-2010 23:38:00; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44015
7; 1105.7; 31-JUL-2010 23:41:08; Dark ; 47.0; 172; Gam Gru ; 3.00; 13100;occ; 94; 0;44015
8; 2059.7; 31-JUL-2010 23:57:02; Bright; 39.5; 11; 53Alp Aql ; 0.76; 8000;occ; 79; 0;44015
9; 2581.6; 01-AUG-2010 00:05:44; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;44015
10; 2695.4; 01-AUG-2010 00:07:38; Bright; 35.0; 144; 18Del Cyg ; 2.86; 11000;occ; 70; 0;44015
11; 3092.6; 01-AUG-2010 00:14:15; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44015
12; 3980.4; 01-AUG-2010 00:29:03; Bright; 46.5; 160; 23Gam Per ; 2.93; 4700;occ; 93; 0;44015
13; 4139.1; 01-AUG-2010 00:31:42; Bright; 46.5; 175; 39Del Per ; 3.01; 19400;occ; 93; 0;44015
14; 4315.6; 01-AUG-2010 00:34:38; Bright; 46.0; 149; 45Eps Per ; 2.89; 30000;occ; 92; 0;44015
15; 4500.3; 01-AUG-2010 00:37:43; Dark ; 37.0; 150; 44Zet Per ; 2.89; 28000;occ; 74; 0;44015
16; 4637.7; 01-AUG-2010 00:40:01; Dark ; 39.5; 176; 23Zet Tau ; 3.02; 22000;occ; 79; 0;44015
17; 4787.6; 01-AUG-2010 00:42:30; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 0;44015
18; 4908.2; 01-AUG-2010 00:44:31; Dark ; 39.5; 27; 24Gam Ori ; 1.64; 26000;occ; 79; 0;44015
19; 5013.3; 01-AUG-2010 00:46:16; Dark ; 40.0; 72; 34Del Ori ; 2.25; 30000;occ; 80; 0;44015
20; 5170.5; 01-AUG-2010 00:48:53; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;44015
21; 5443.2; 01-AUG-2010 00:53:26; Dark ; 4.5; 165; 34Gam Eri ; 2.95; 3200;occ; 9; 0;44015

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