

GOMOS Daily Report 03-SEP-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	06SEP2010 04:49:08
Data source version	GOMOS/5.01
Start time of products	03SEP2010 00:00:40
Stop time of products	03SEP2010 23:46:25
Store outputs in DB	Yes
Nb of level 1b prods	105
Nb of prods with errors	0

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

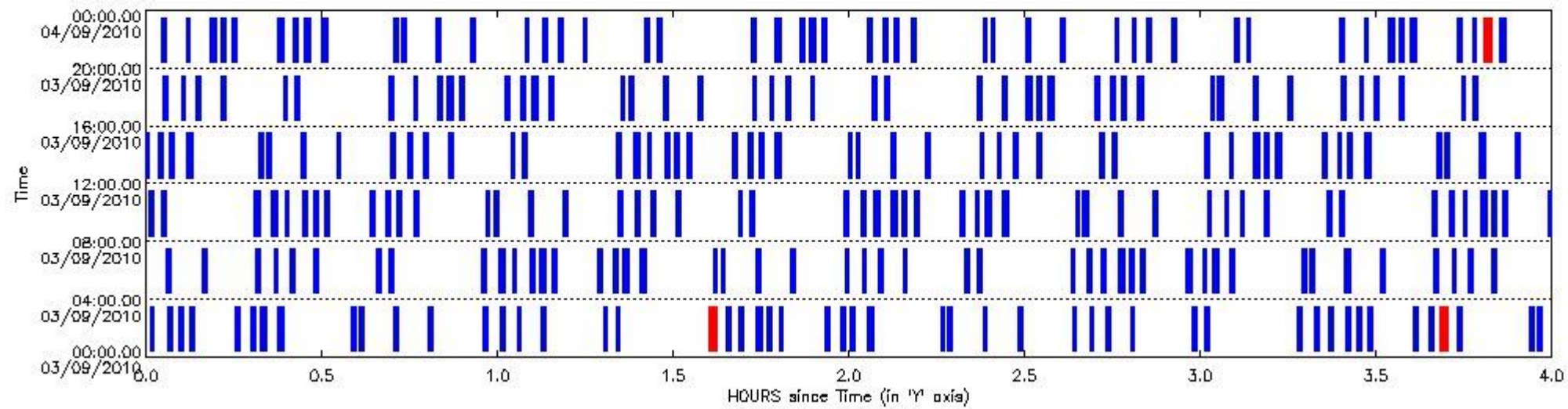
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

UTC start time	Star name	Star ID	Orbit
03-SEP-2010 01:36:09	34BetAur	42	44488
03-SEP-2010 03:40:56	11AlpLep	101	44489
03-SEP-2010 23:48:23	11AlpLep	101	44501

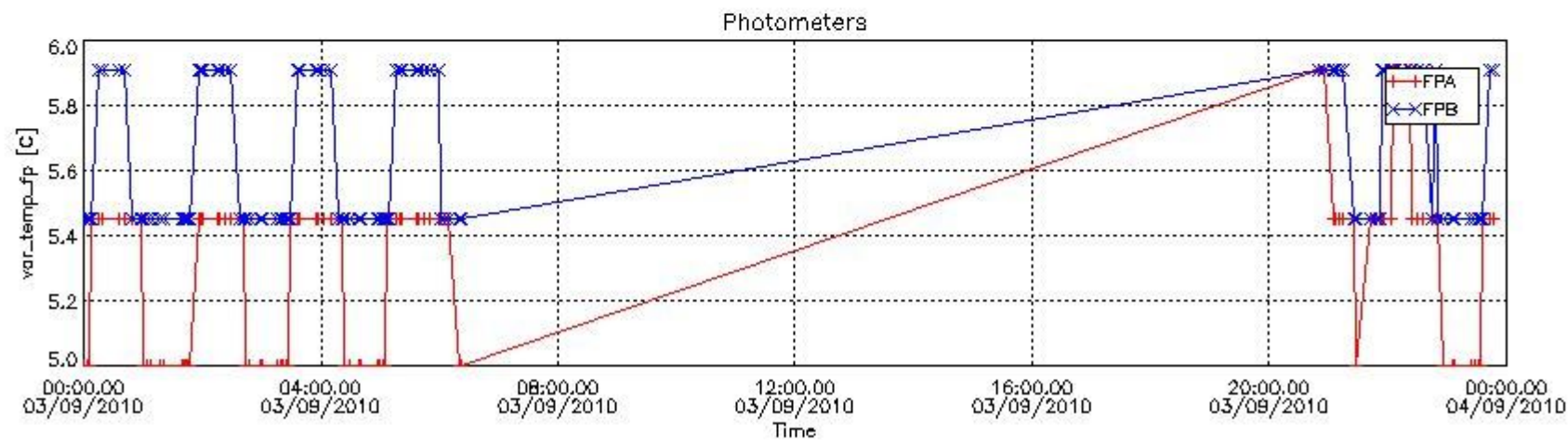
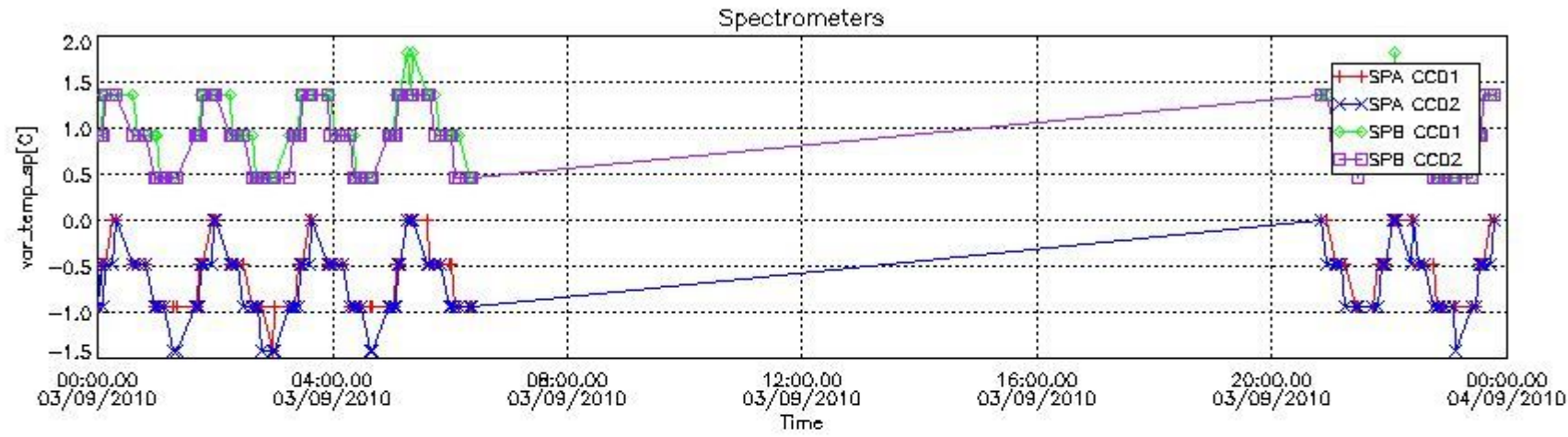
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100903_000040_000000402092_00345_44487_0465.N1	03-SEP-2010 00:00:40	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44487	No
2	GOM_TRA_1PNPDE20100903_000336_000000592092_00345_44487_0466.N1	03-SEP-2010 00:03:36	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44487	No
3	GOM_TRA_1PNPDE20100903_000523_000000502092_00345_44487_0467.N1	03-SEP-2010 00:05:23	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	44487	No
4	GOM_TRA_1PNPDE20100903_000724_000000452092_00345_44487_0468.N1	03-SEP-2010 00:07:24	Dark	44.500	8	10Alp CMi	0.40000	6500.0	89	44487	No
5	GOM_TRA_1PNPDE20100903_001511_000000502092_00345_44487_0485.N1	03-SEP-2010 00:15:11	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44487	No
6	GOM_TRA_1PNPDE20100903_001754_000000452092_00345_44487_0486.N1	03-SEP-2010 00:17:54	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44487	No
7	GOM_TRA_1PNPDE20100903_001934_000000552092_00345_44487_0487.N1	03-SEP-2010 00:19:34	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44487	No
8	GOM_TRA_1PNPDE20100903_003458_000000422092_00346_44488_0488.N1	03-SEP-2010 00:34:58	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44488	No

9	GOM_TRA_1PNPDE20100903_003616_000000462092_00346_44488_0489.N1	03-SEP-2010 00:36:16	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44488	No
10	GOM_TRA_1PNPDE20100903_004213_000000482092_00346_44488_0490.N1	03-SEP-2010 00:42:13	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	44488	No
11	GOM_TRA_1PNPDE20100903_004813_000000492092_00346_44488_0491.N1	03-SEP-2010 00:48:13	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44488	No
12	GOM_TRA_1PNPDE20100903_005732_000000412092_00346_44488_0492.N1	03-SEP-2010 00:57:32	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44488	No
13	GOM_TRA_1PNPDE20100903_010031_000000392092_00346_44488_0493.N1	03-SEP-2010 01:00:31	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44488	No
14	GOM_TRA_1PNPDE20100903_010314_000000462092_00346_44488_0494.N1	03-SEP-2010 01:03:14	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44488	No
15	GOM_TRA_1PNPDE20100903_010727_000000442092_00346_44488_0495.N1	03-SEP-2010 01:07:27	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44488	No
16	GOM_TRA_1PNPDE20100903_011804_000000412092_00346_44488_0496.N1	03-SEP-2010 01:18:04	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44488	No
17	GOM_TRA_1PNPDE20100903_012011_000000432092_00346_44488_0497.N1	03-SEP-2010 01:20:11	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44488	No
18	GOM_TRA_1PNPDE20100903_013856_000000522092_00346_44488_0498.N1	03-SEP-2010 01:38:56	Bright	52.000	107	37The Aur	2.6490	11000.	104	44488	No
19	GOM_TRA_1PNPDE20100903_014116_000000382092_00346_44488_0499.N1	03-SEP-2010 01:41:16	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44488	No
20	GOM_TRA_1PNPDE20100903_014412_000000592092_00346_44488_0500.N1	03-SEP-2010 01:44:12	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44488	No
21	GOM_TRA_1PNPDE20100903_014559_000000522092_00346_44488_0501.N1	03-SEP-2010 01:45:59	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	44488	No
22	GOM_TRA_1PNPDE20100903_014800_000000452092_00346_44488_0502.N1	03-SEP-2010 01:48:00	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	44488	No
23	GOM_TRA_1PNPDE20100903_015547_000000532092_00346_44488_0500.N1	03-SEP-2010 01:55:47	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44488	No
24	GOM_TRA_1PNPDE20100903_015830_000000452092_00346_44488_0501.N1	03-SEP-2010 01:58:30	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44488	No
25	GOM_TRA_1PNPDE20100903_020011_000000562092_00346_44488_0502.N1	03-SEP-2010 02:00:11	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44488	No
26	GOM_TRA_1PNPDE20100903_021535_000000402092_00347_44489_0503.N1	03-SEP-2010 02:15:35	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44489	No
27	GOM_TRA_1PNPDE20100903_021653_000000482092_00347_44489_0504.N1	03-SEP-2010 02:16:53	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44489	No
28	GOM_TRA_1PNPDE20100903_022250_000000472092_00347_44489_0505.N1	03-SEP-2010 02:22:50	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	44489	No
29	GOM_TRA_1PNPDE20100903_022849_000000502092_00347_44489_0506.N1	03-SEP-2010 02:28:49	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44489	No
30	GOM_TRA_1PNPDE20100903_023808_000000412092_00347_44489_0507.N1	03-SEP-2010 02:38:08	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44489	No
31	GOM_TRA_1PNPDE20100903_024107_000000392092_00347_44489_0508.N1	03-SEP-2010 02:41:07	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44489	No
32	GOM_TRA_1PNPDE20100903_024350_000000492092_00347_44489_0509.N1	03-SEP-2010 02:43:50	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	44489	No
33	GOM_TRA_1PNPDE20100903_024802_000000412092_00347_44489_0510.N1	03-SEP-2010 02:48:02	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44489	No
34	GOM_TRA_1PNPDE20100903_025840_000000442092_00347_44489_0511.N1	03-SEP-2010 02:58:40	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44489	No
35	GOM_TRA_1PNPDE20100903_030046_000000442092_00347_44489_0512.N1	03-SEP-2010 03:00:46	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44489	No
36	GOM_TRA_1PNPDE20100903_031637_000000492092_00347_44489_0517.N1	03-SEP-2010 03:16:37	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44489	No
37	GOM_TRA_1PNPDE20100903_031931_000000492092_00347_44489_0518.N1	03-SEP-2010 03:19:31	Bright	49.000	107	37The Aur	2.6490	11000.	98	44489	No
38	GOM_TRA_1PNPDE20100903_032152_000000552092_00347_44489_0519.N1	03-SEP-2010 03:21:52	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	44489	No
39	GOM_TRA_1PNPDE20100903_032448_000000542092_00347_44489_0520.N1	03-SEP-2010 03:24:48	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44489	No
40	GOM_TRA_1PNPDE20100903_032636_000000482092_00347_44489_0521.N1	03-SEP-2010 03:26:36	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	44489	No
41	GOM_TRA_1PNPDE20100903_032836_000000532092_00347_44489_0522.N1	03-SEP-2010 03:28:36	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44489	No
42	GOM_TRA_1PNPDE20100903_033624_000000512092_00347_44489_0523.N1	03-SEP-2010 03:36:24	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44489	No
43	GOM_TRA_1PNPDE20100903_033907_000000412092_00347_44489_0524.N1	03-SEP-2010 03:39:07	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	44489	No
44	GOM_TRA_1PNPDE20100903_035611_000000402092_00348_44490_0525.N1	03-SEP-2010 03:56:11	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44490	No
45	GOM_TRA_1PNPDE20100903_035729_000000452092_00348_44490_0526.N1	03-SEP-2010 03:57:29	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44490	No
46	GOM_TRA_1PNPDE20100903_040327_000000462092_00348_44490_0527.N1	03-SEP-2010 04:03:27	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44490	No
47	GOM_TRA_1PNPDE20100903_040926_000000472092_00348_44490_0528.N1	03-SEP-2010 04:09:26	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44490	No
48	GOM_TRA_1PNPDE20100903_041844_000000402092_00348_44490_0529.N1	03-SEP-2010 04:18:44	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44490	No
49	GOM_TRA_1PNPDE20100903_042143_000000392092_00348_44490_0530.N1	03-SEP-2010 04:21:43	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44490	No
50	GOM_TRA_1PNPDE20100903_042426_000000482092_00348_44490_0531.N1	03-SEP-2010 04:24:26	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44490	No
51	GOM_TRA_1PNPDE20100903_042838_000000452092_00348_44490_0532.N1	03-SEP-2010 04:28:38	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44490	No
52	GOM_TRA_1PNPDE20100903_043915_000000432092_00348_44490_0533.N1	03-SEP-2010 04:39:15	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44490	No
53	GOM_TRA_1PNPDE20100903_044121_000000462092_00348_44490_0534.N1	03-SEP-2010 04:41:21	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44490	No
54	GOM_TRA_1PNPDE20100903_045713_000000472092_00348_44490_0547.N1	03-SEP-2010 04:57:13	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44490	No
55	GOM_TRA_1PNPDE20100903_050007_000000642092_00348_44490_0548.N1	03-SEP-2010 05:00:07	Bright	64.000	107	37The Aur	2.6490	11000.	128	44490	No
56	GOM_TRA_1PNPDE20100903_050228_000000392092_00348_44490_0549.N1	03-SEP-2010 05:02:28	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	44490	No
57	GOM_TRA_1PNPDE20100903_050525_000000612092_00348_44490_0550.N1	03-SEP-2010 05:05:25	Twilight	61.000	151	13Mu Gem	2.8900	3000.0	122	44490	No
58	GOM_TRA_1PNPDE20100903_050712_000000542092_00348_44490_0551.N1	03-SEP-2010 05:07:12	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	44490	No
59	GOM_TRA_1PNPDE20100903_050913_000000492092_00348_44490_0552.N1	03-SEP-2010 05:09:13	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	44490	No
60	GOM_TRA_1PNPDE20100903_051701_000000562092_00348_44490_0553.N1	03-SEP-2010 05:17:01	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44490	No
61	GOM_TRA_1PNPDE20100903_051943_000000462092_00348_44490_0554.N1	03-SEP-2010 05:19:43	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44490	No
62	GOM_TRA_1PNPDE20100903_052125_000000562092_00348_44490_0555.N1	03-SEP-2010 05:21:25	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44490	No
63	GOM_TRA_1PNPDE20100903_053648_000000392092_00349_44491_0556.N1	03-SEP-2010 05:36:48	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44491	No
64	GOM_TRA_1PNPDE20100903_053806_000000462092_00349_44491_0557.N1	03-SEP-2010 05:38:06	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44491	No
65	GOM_TRA_1PNPDE20100903_054403_000000462092_00349_44491_0558.N1	03-SEP-2010 05:44:03	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44491	No
66	GOM_TRA_1PNPDE20100903_055002_000000482092_00349_44491_0559.N1	03-SEP-2010 05:50:02	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44491	No
67	GOM_TRA_1PNPDE20100903_055920_000000412092_00349_44491_0560.N1	03-SEP-2010 05:59:20	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44491	No

68	GOM_TRA_1PNPDE20100903_060220_000000372092_00349_44491_0561.N1	03-SEP-2010 06:02:20	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44491	No
69	GOM_TRA_1PNPDE20100903_060501_000000452092_00349_44491_0562.N1	03-SEP-2010 06:05:01	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44491	No
70	GOM_TRA_1PNPDE20100903_060913_000000422092_00349_44491_0563.N1	03-SEP-2010 06:09:13	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44491	No
71	GOM_TRA_1PNPDE20100903_061951_000000452092_00349_44491_0564.N1	03-SEP-2010 06:19:51	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44491	No
72	GOM_TRA_1PNPDE20100903_062156_000000482092_00349_44491_0565.N1	03-SEP-2010 06:21:56	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	44491	No
73	GOM_TRA_1PNPDE20100903_204931_000000512092_00358_44500_0647.N1	03-SEP-2010 20:49:31	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44500	No
74	GOM_TRA_1PNPDE20100903_205528_000000492092_00358_44500_0648.N1	03-SEP-2010 20:55:28	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44500	No
75	GOM_TRA_1PNPDE20100903_210443_000000402092_00358_44500_0649.N1	03-SEP-2010 21:04:43	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44500	No
76	GOM_TRA_1PNPDE20100903_210742_000000402092_00358_44500_0650.N1	03-SEP-2010 21:07:42	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44500	No
77	GOM_TRA_1PNPDE20100903_211020_000000462092_00358_44500_0651.N1	03-SEP-2010 21:10:20	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44500	No
78	GOM_TRA_1PNPDE20100903_211433_000000432092_00358_44500_0652.N1	03-SEP-2010 21:14:33	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44500	No
79	GOM_TRA_1PNPDE20100903_212509_000000482092_00358_44500_0653.N1	03-SEP-2010 21:25:09	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	44500	No
80	GOM_TRA_1PNPDE20100903_212714_000000432092_00358_44500_0654.N1	03-SEP-2010 21:27:14	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44500	No
81	GOM_TRA_1PNPDE20100903_214311_000000482092_00358_44500_0655.N1	03-SEP-2010 21:43:11	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44500	No
82	GOM_TRA_1PNPDE20100903_214726_000000502092_00358_44500_0656.N1	03-SEP-2010 21:47:26	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	44500	No
83	GOM_TRA_1PNPDE20100903_215128_000000622092_00358_44500_0657.N1	03-SEP-2010 21:51:28	Twilight	62.000	151	13Mu Gem	2.8900	3000.0	124	44500	No
84	GOM_TRA_1PNPDE20100903_215316_000000532092_00358_44500_0658.N1	03-SEP-2010 21:53:16	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44500	No
85	GOM_TRA_1PNPDE20100903_215515_000000472092_00358_44500_0659.N1	03-SEP-2010 21:55:15	Dark	46.500	8	10Alp CMi	0.40000	6500.0	93	44500	No
86	GOM_TRA_1PNPDE20100903_220307_000000502092_00358_44500_0682.N1	03-SEP-2010 22:03:07	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44500	No
87	GOM_TRA_1PNPDE20100903_220548_000000452092_00358_44500_0683.N1	03-SEP-2010 22:05:48	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44500	No
88	GOM_TRA_1PNPDE20100903_220738_000000582092_00358_44500_0684.N1	03-SEP-2010 22:07:38	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44500	No
89	GOM_TRA_1PNPDE20100903_222252_000000432092_00359_44501_0685.N1	03-SEP-2010 22:22:52	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	44501	No
90	GOM_TRA_1PNPDE20100903_222412_000000442092_00359_44501_0686.N1	03-SEP-2010 22:24:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44501	No
91	GOM_TRA_1PNPDE20100903_223008_000000532092_00359_44501_0687.N1	03-SEP-2010 22:30:08	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44501	No
92	GOM_TRA_1PNPDE20100903_223604_000000552092_00359_44501_0688.N1	03-SEP-2010 22:36:04	Straylight	54.500	18	24Alp PsA	1.1660	9700.0	109	44501	No
93	GOM_TRA_1PNPDE20100903_224519_000000392092_00359_44501_0689.N1	03-SEP-2010 22:45:19	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44501	No
94	GOM_TRA_1PNPDE20100903_224818_000000372092_00359_44501_0690.N1	03-SEP-2010 22:48:18	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44501	No
95	GOM_TRA_1PNPDE20100903_225056_000000482092_00359_44501_0691.N1	03-SEP-2010 22:50:56	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44501	No
96	GOM_TRA_1PNPDE20100903_225508_000000442092_00359_44501_0692.N1	03-SEP-2010 22:55:08	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44501	No
97	GOM_TRA_1PNPDE20100903_230544_000000502092_00359_44501_0693.N1	03-SEP-2010 23:05:44	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	44501	No
98	GOM_TRA_1PNPDE20100903_230749_000000462092_00359_44501_0694.N1	03-SEP-2010 23:07:49	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44501	No
99	GOM_TRA_1PNPDE20100903_232347_000000482092_00359_44501_0695.N1	03-SEP-2010 23:23:47	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44501	No
100	GOM_TRA_1PNPDE20100903_232802_000000382092_00359_44501_0696.N1	03-SEP-2010 23:28:02	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	44501	No
101	GOM_TRA_1PNPDE20100903_233204_000000642092_00359_44501_0697.N1	03-SEP-2010 23:32:04	Twilight	64.000	151	13Mu Gem	2.8900	3000.0	128	44501	No
102	GOM_TRA_1PNPDE20100903_233352_000000532092_00359_44501_0698.N1	03-SEP-2010 23:33:52	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44501	No
103	GOM_TRA_1PNPDE20100903_233551_000000552092_00359_44501_0699.N1	03-SEP-2010 23:35:51	Dark	54.500	8	10Alp CMi	0.40000	6500.0	109	44501	No
104	GOM_TRA_1PNPDE20100903_234343_000000502092_00359_44501_0713.N1	03-SEP-2010 23:43:43	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44501	No
105	GOM_TRA_1PNPDE20100903_234625_000000442092_00359_44501_0714.N1	03-SEP-2010 23:46:25	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44501	No

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



4. Overview of dark signal processing per product

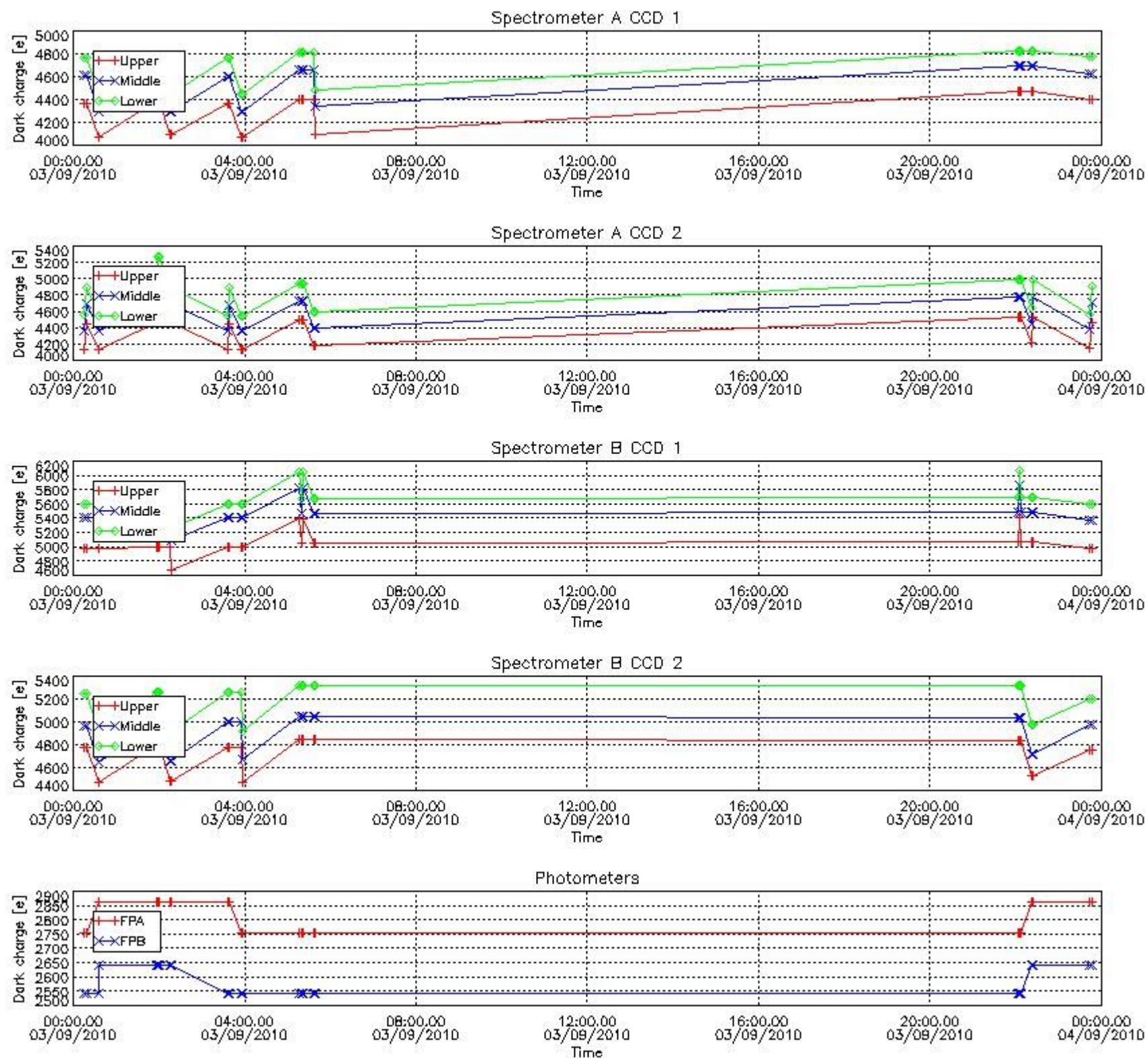
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100903_204931_000000512092_00358_44500_0647.N1	DC map used
GOM_TRA_1PNPDE20100903_205528_000000492092_00358_44500_0648.N1	DC map used
GOM_TRA_1PNPDE20100903_210443_000000402092_00358_44500_0649.N1	DC map used
GOM_TRA_1PNPDE20100903_210742_000000402092_00358_44500_0650.N1	DC map used
GOM_TRA_1PNPDE20100903_211020_000000462092_00358_44500_0651.N1	DC map used
GOM_TRA_1PNPDE20100903_211433_000000432092_00358_44500_0652.N1	DC map used
GOM_TRA_1PNPDE20100903_212509_000000482092_00358_44500_0653.N1	DC map used
GOM_TRA_1PNPDE20100903_212714_000000432092_00358_44500_0654.N1	DC map used
GOM_TRA_1PNPDE20100903_214311_000000482092_00358_44500_0655.N1	DC map used
GOM_TRA_1PNPDE20100903_214726_000000502092_00358_44500_0656.N1	DC map used
GOM_TRA_1PNPDE20100903_215128_000000622092_00358_44500_0657.N1	DC map used
GOM_TRA_1PNPDE20100903_215316_000000532092_00358_44500_0658.N1	DC map used
GOM_TRA_1PNPDE20100903_215515_000000472092_00358_44500_0659.N1	DC map used

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



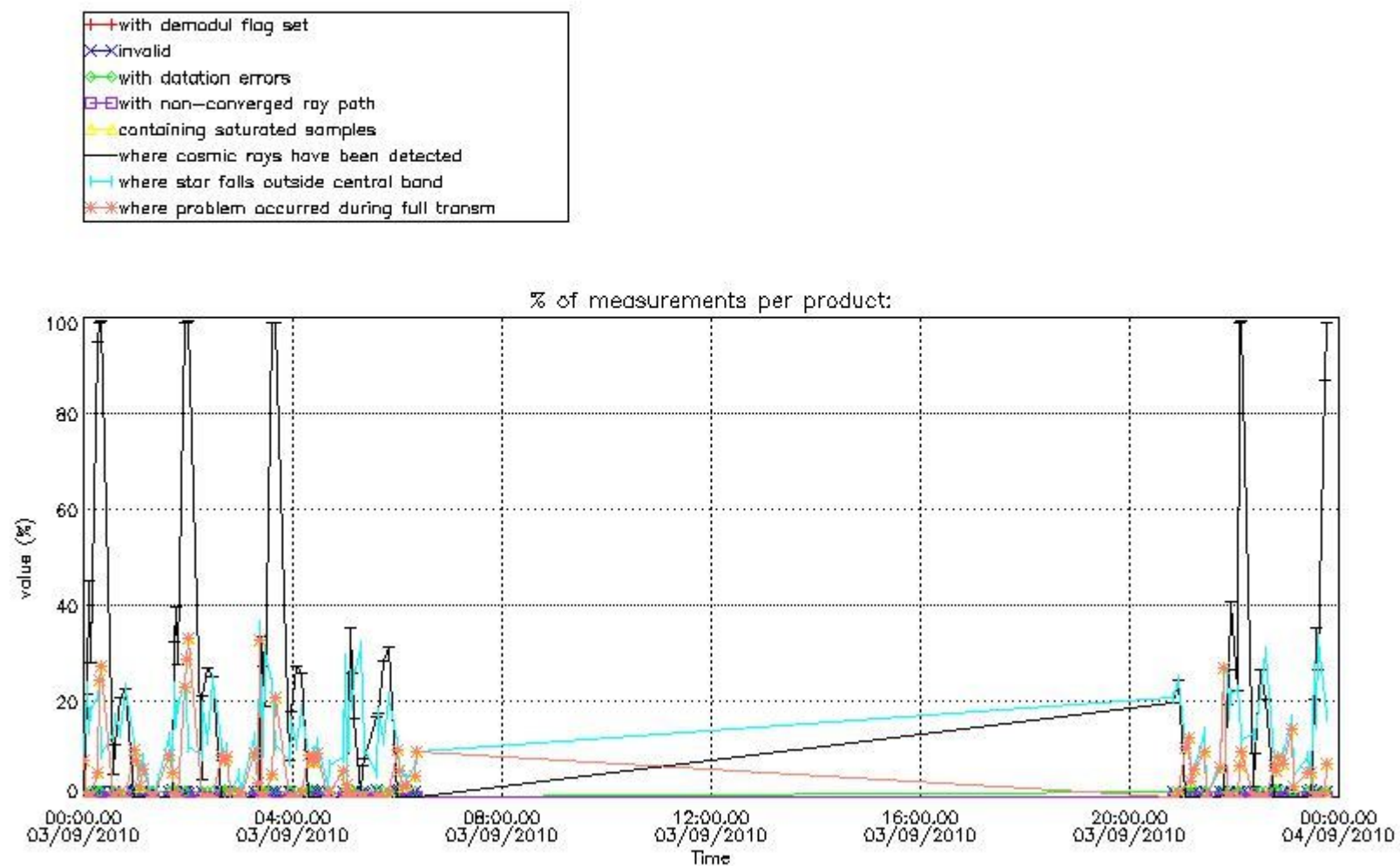
5. Demodulation flag and quality information monitoring

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.

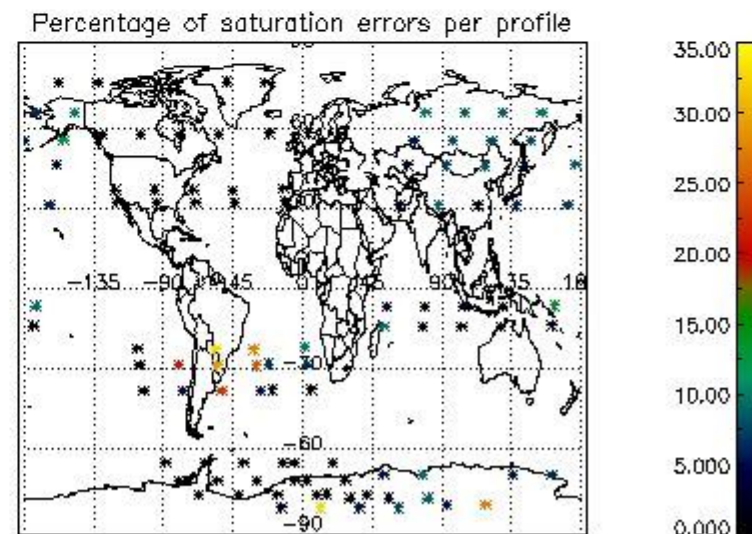
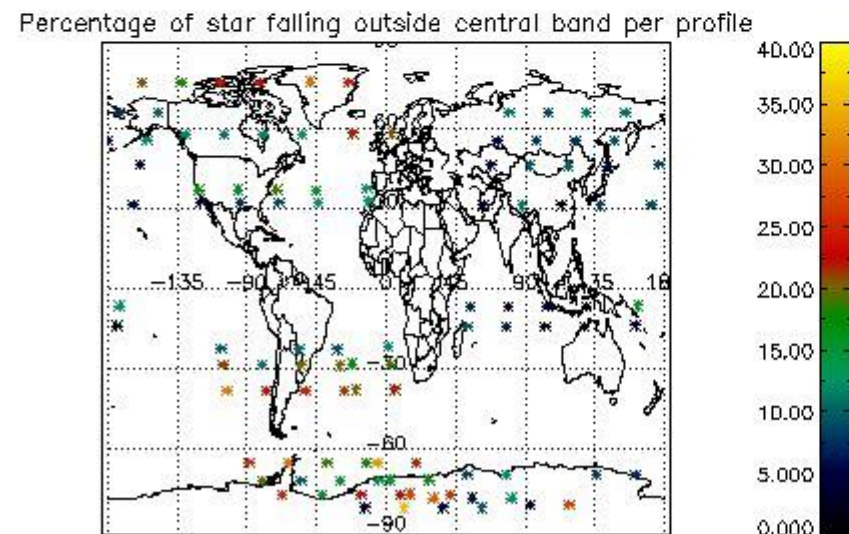
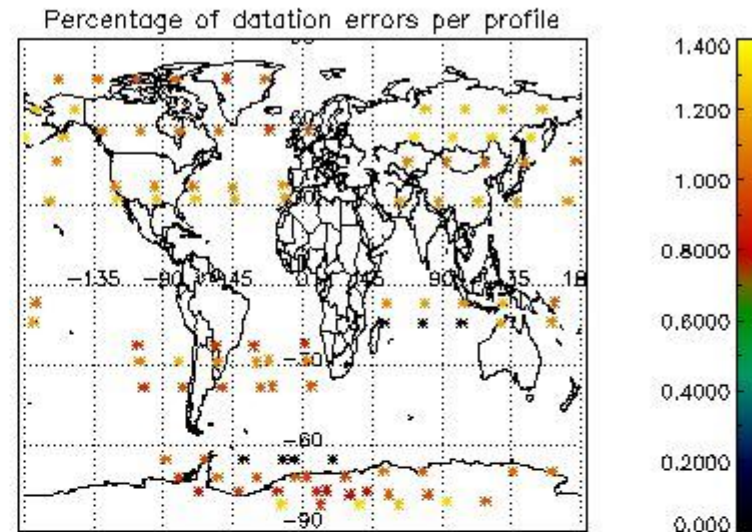
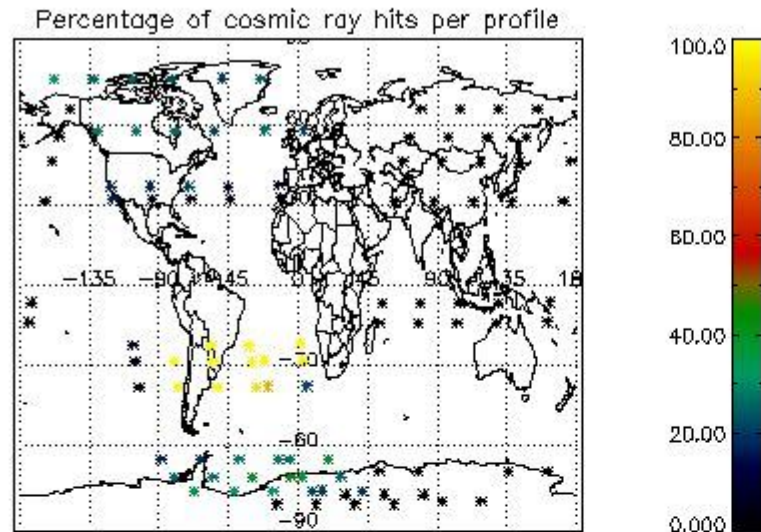
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	42.8571 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



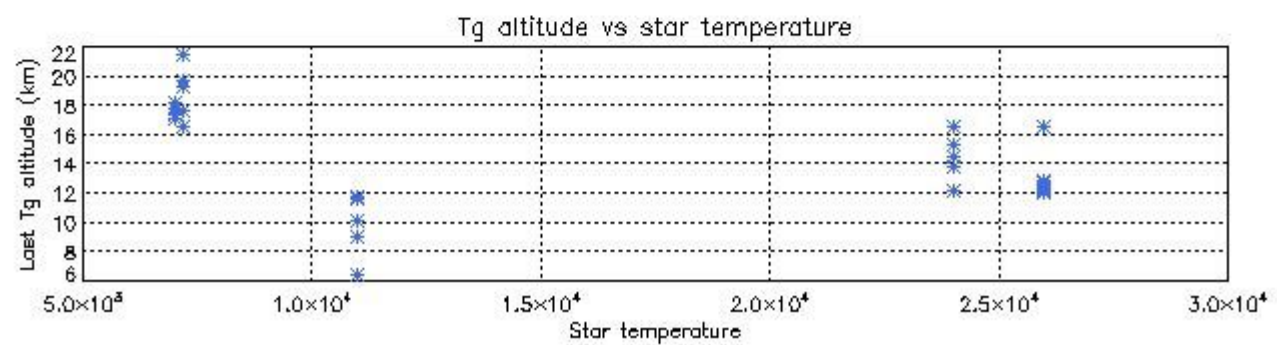
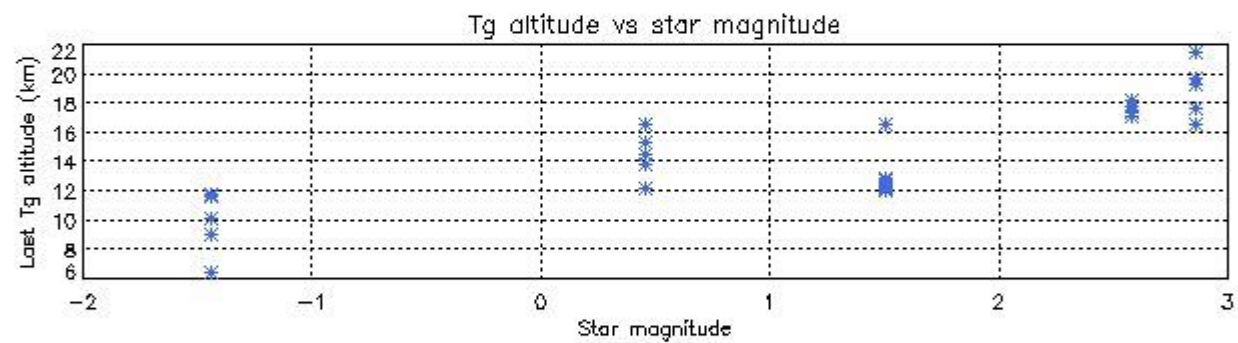
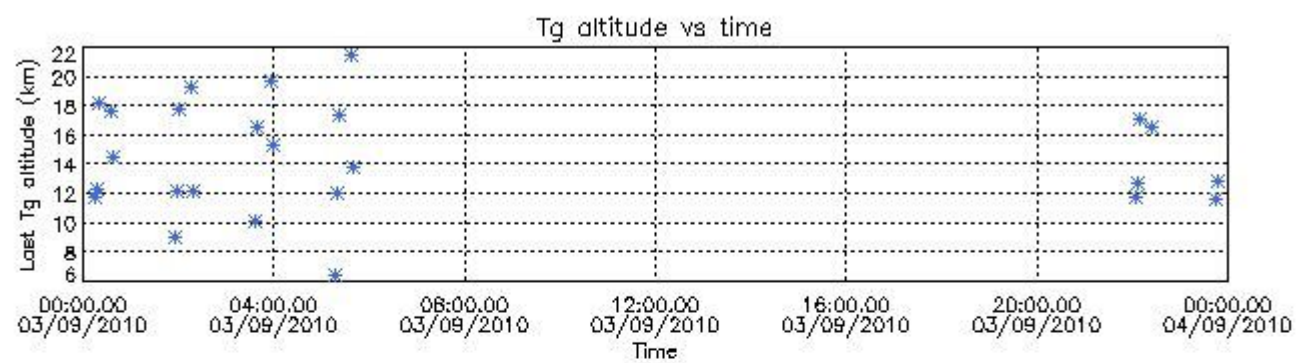
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.464	19.236	8.9299
St. deviation:	3.6013	4.5041	2.9633
Maximum:	21.420	28.777	11.968
Minimum:	6.4568	3.9695	4.8096
Number of data:	26.000	49.000	6.0000

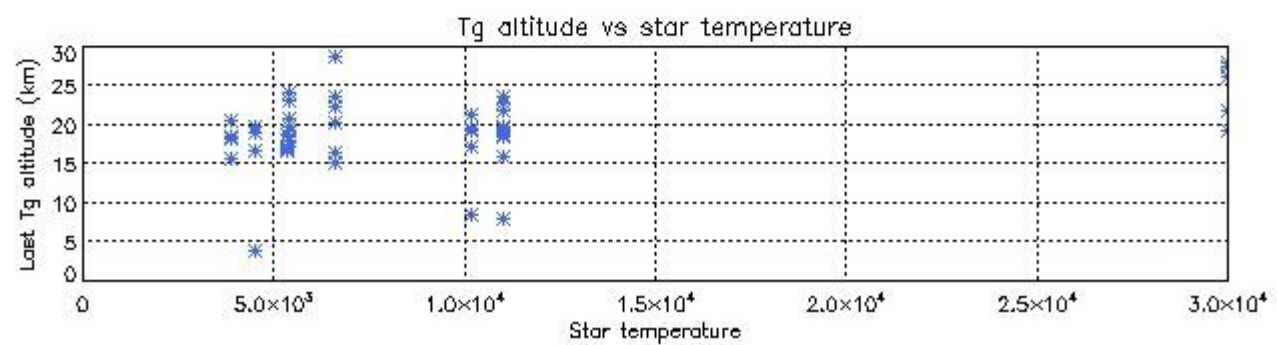
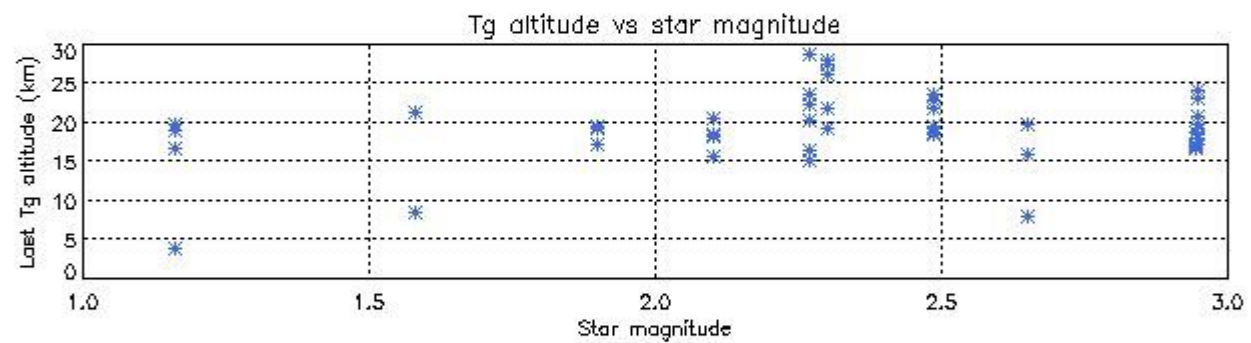
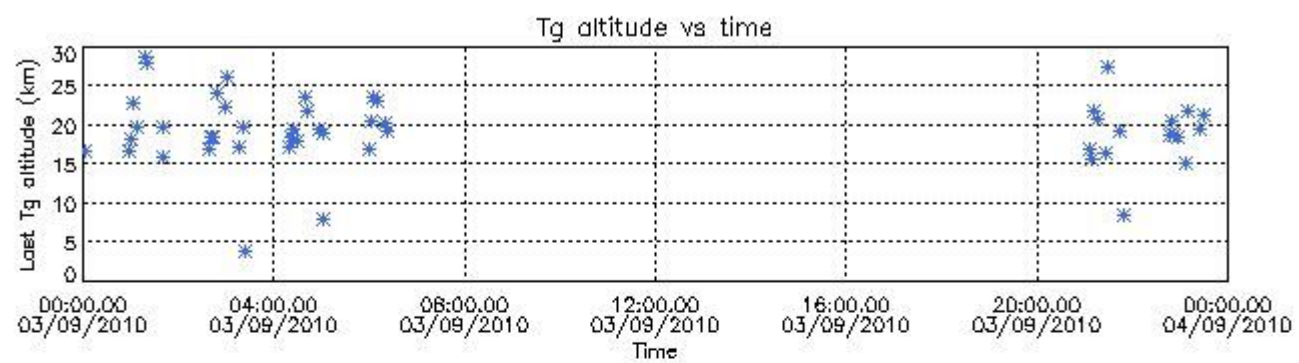
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



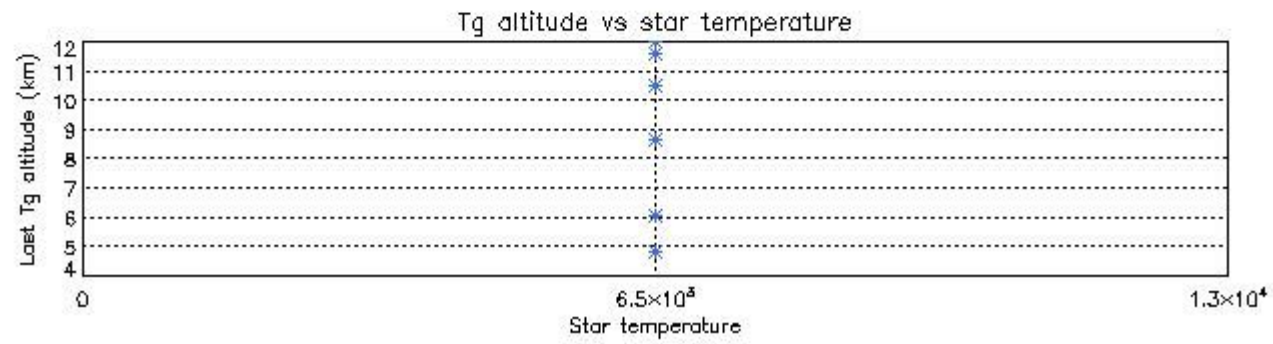
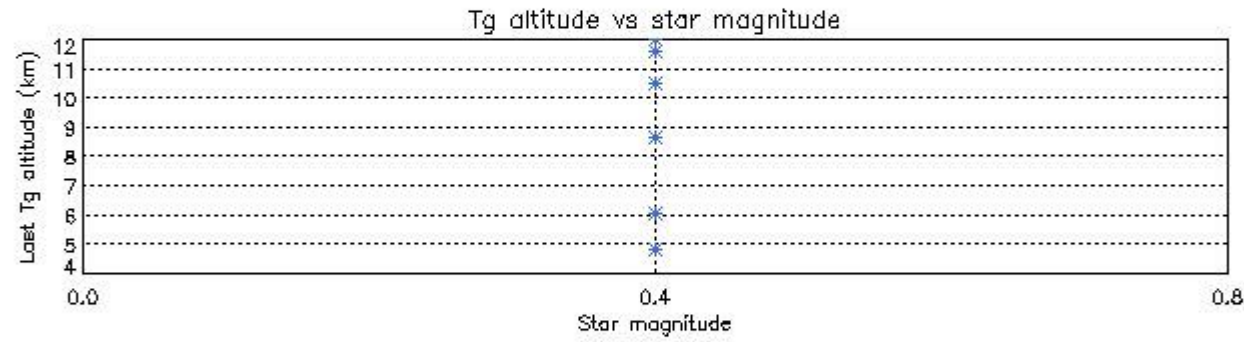
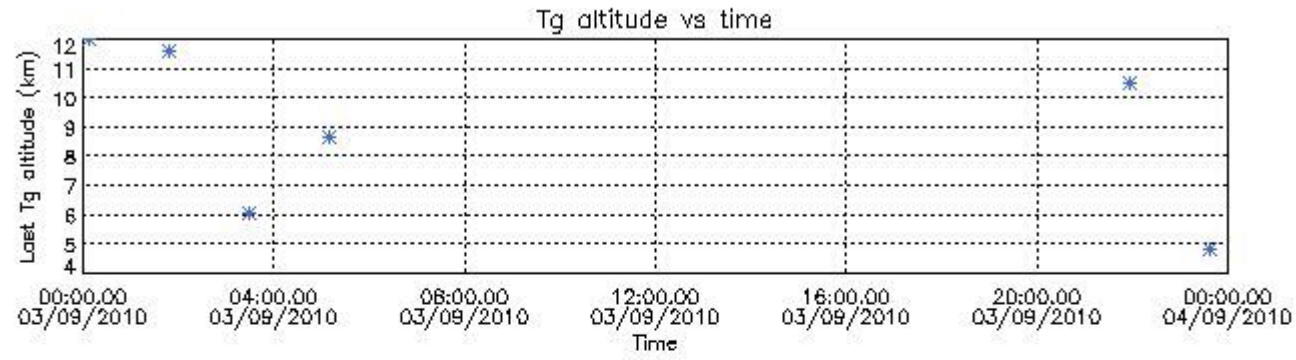
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

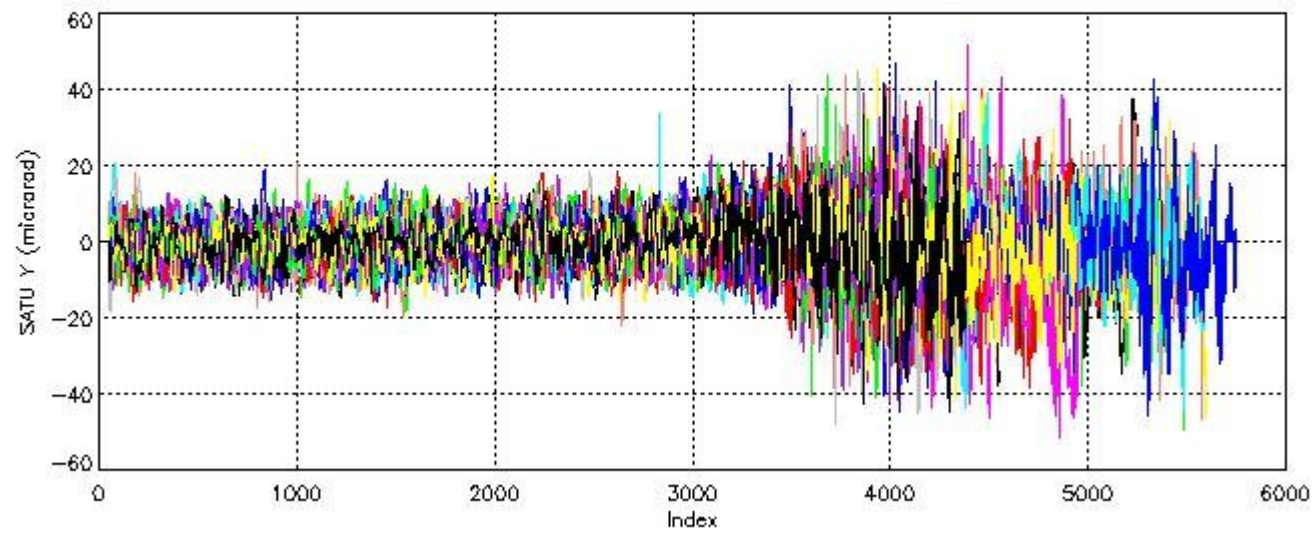
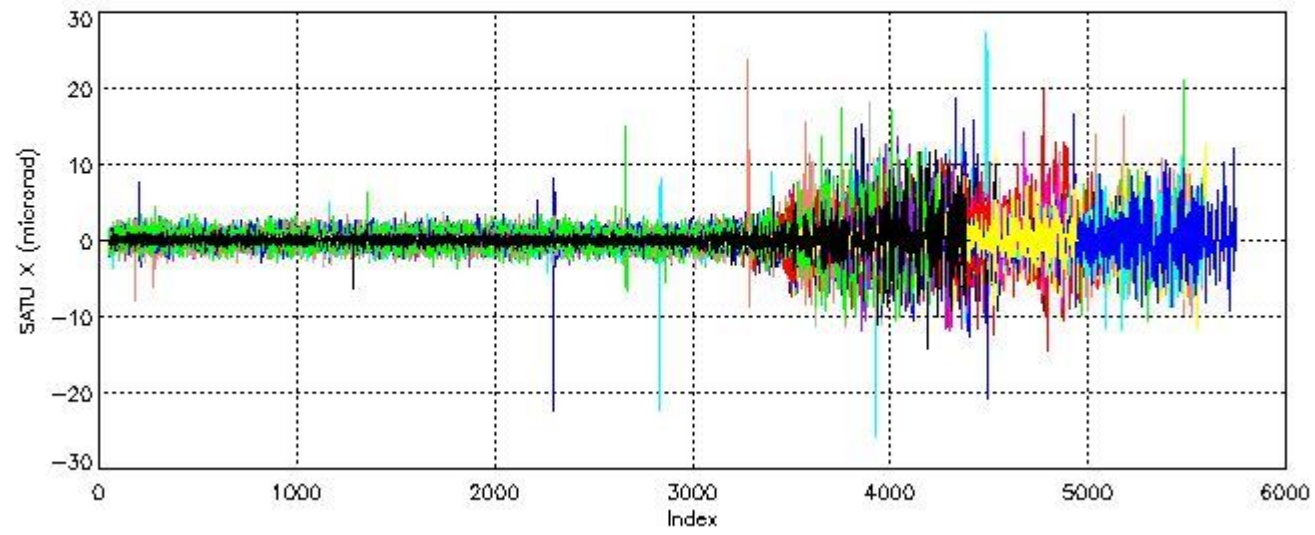


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.18427	-0.72720	0.23024	-0.52289
St. deviation:	0.51901	4.5539	0.78717	4.5055
Maximum:	7.7000	20.400	4.8000	18.400
Minimum:	-8.0000	-18.400	-4.2000	-19.000

Number of data:	26500.	26500.	50200.	50200.
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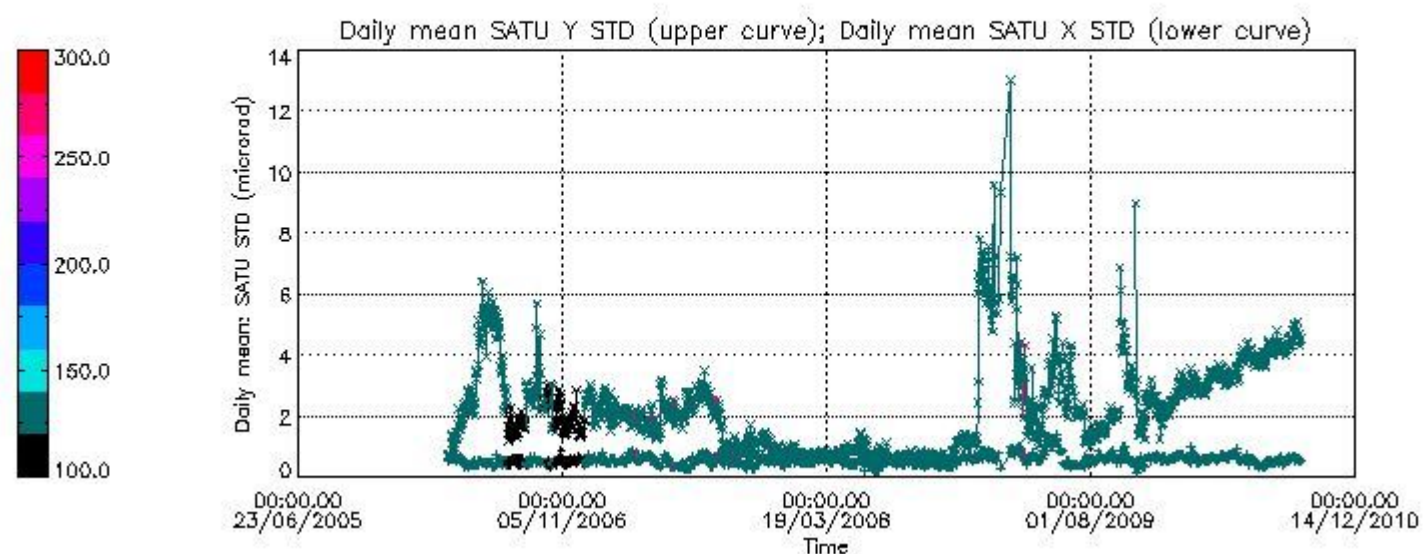
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

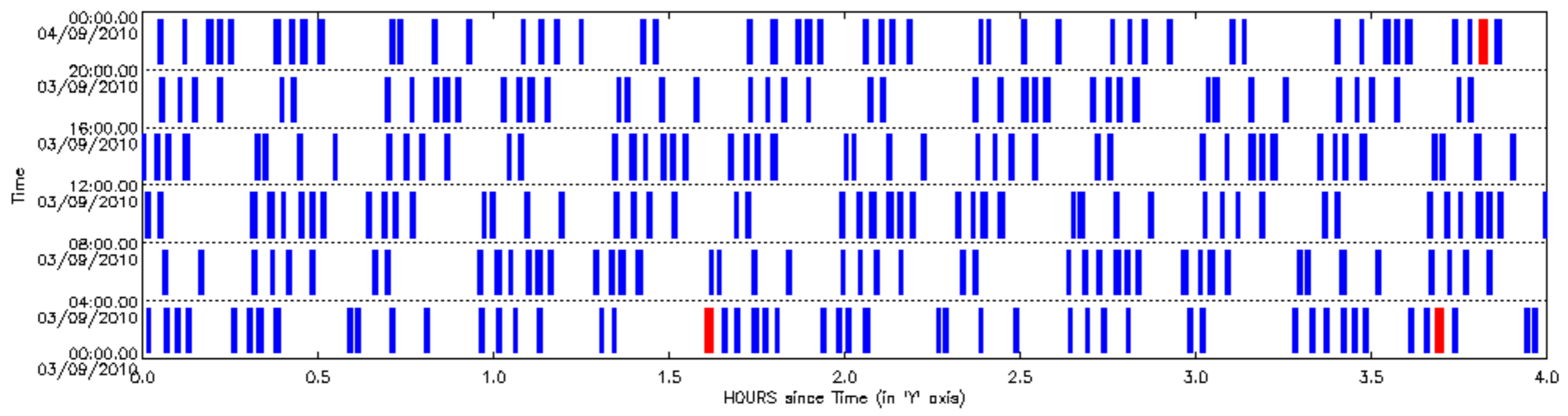
Lower curve: STD of SATU X axis

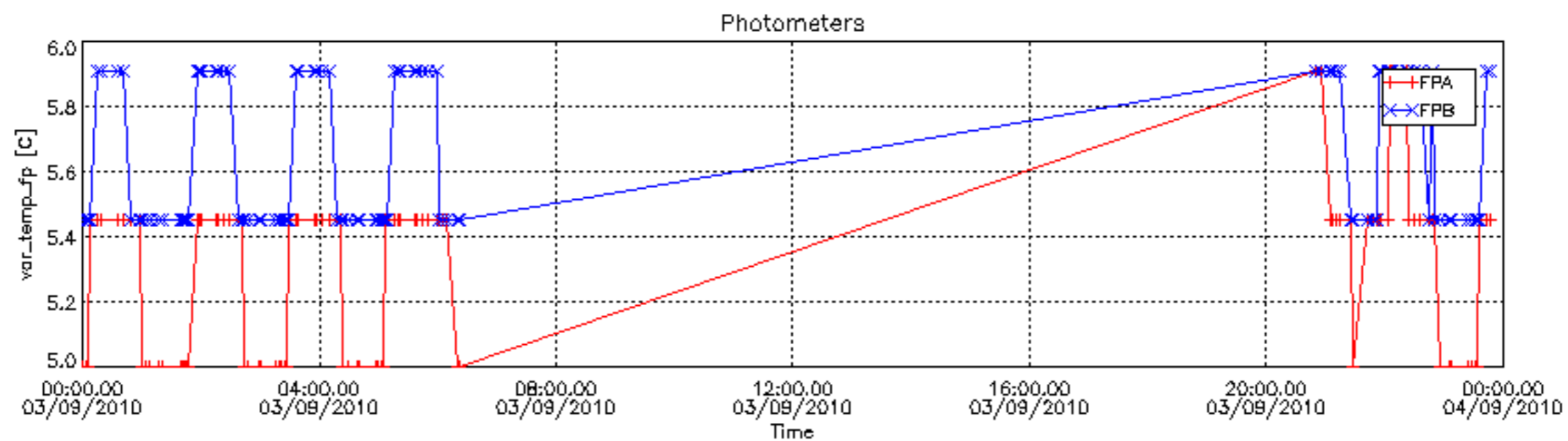
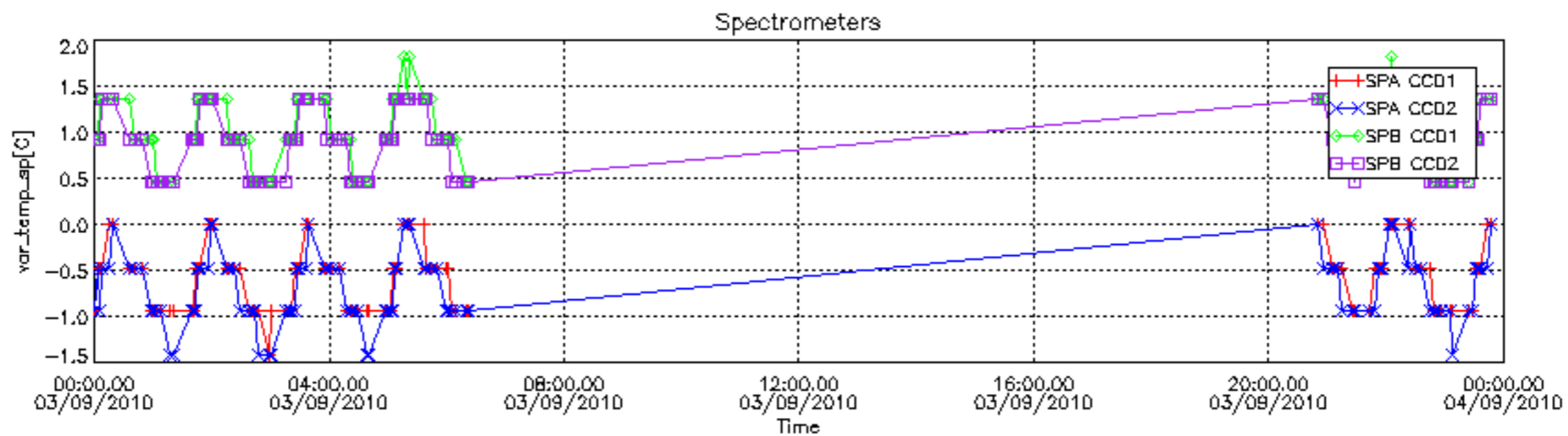


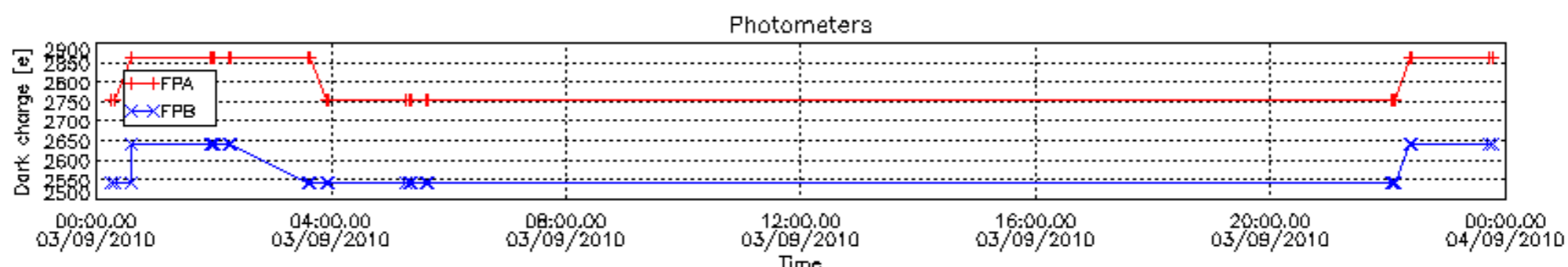
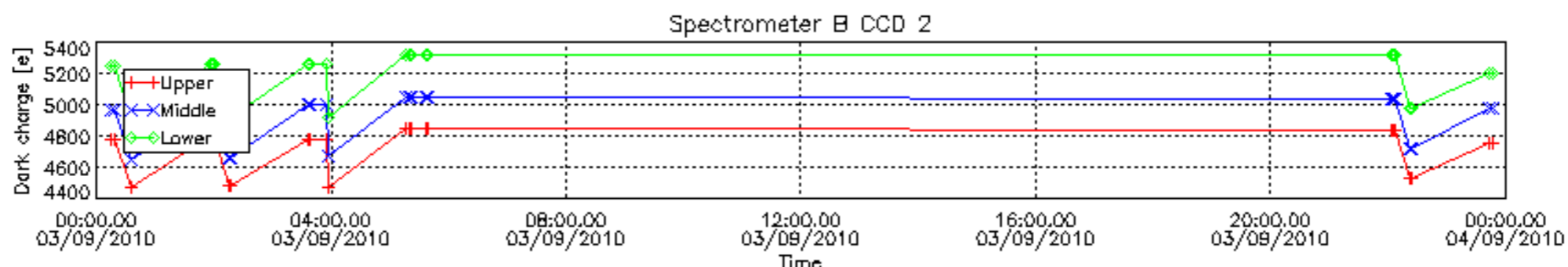
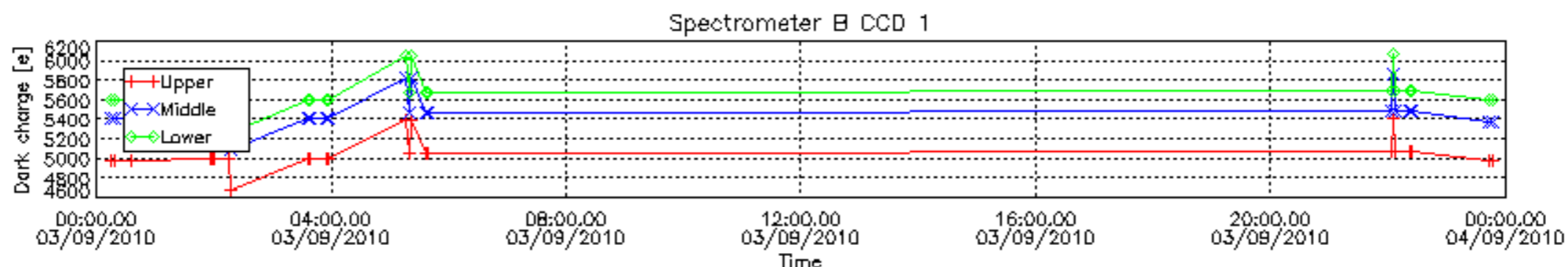
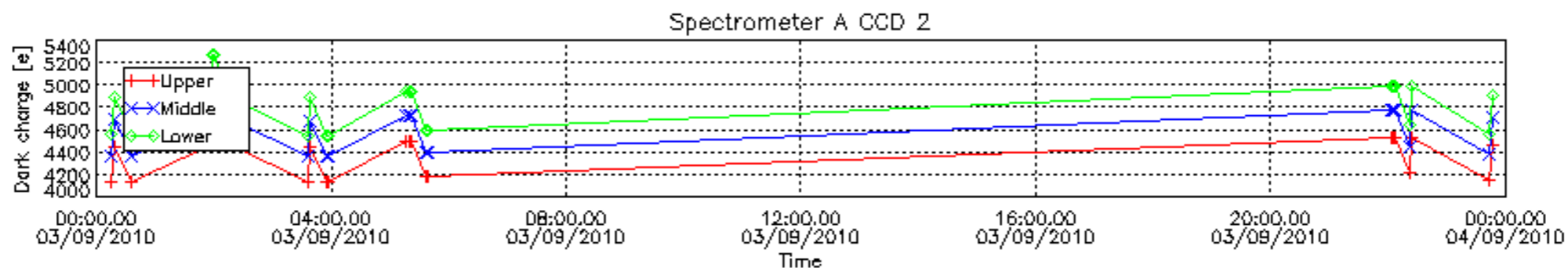
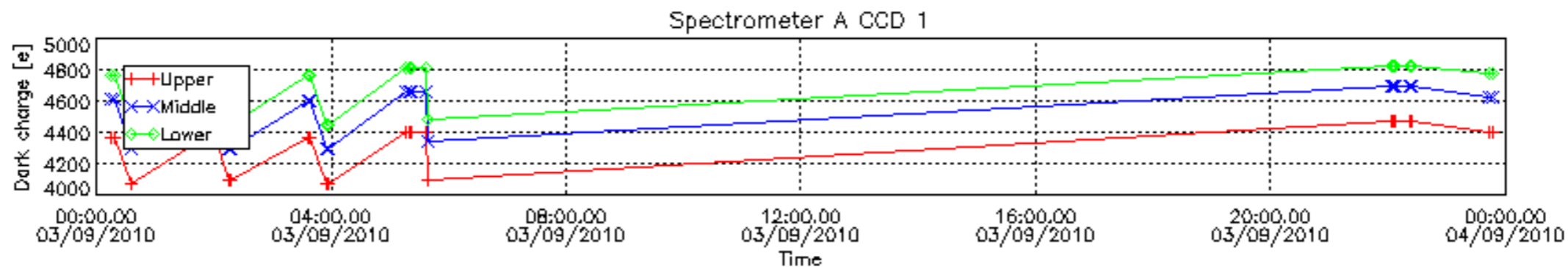
8. Auxiliary Data Files used for the production reported in section 2.4

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.

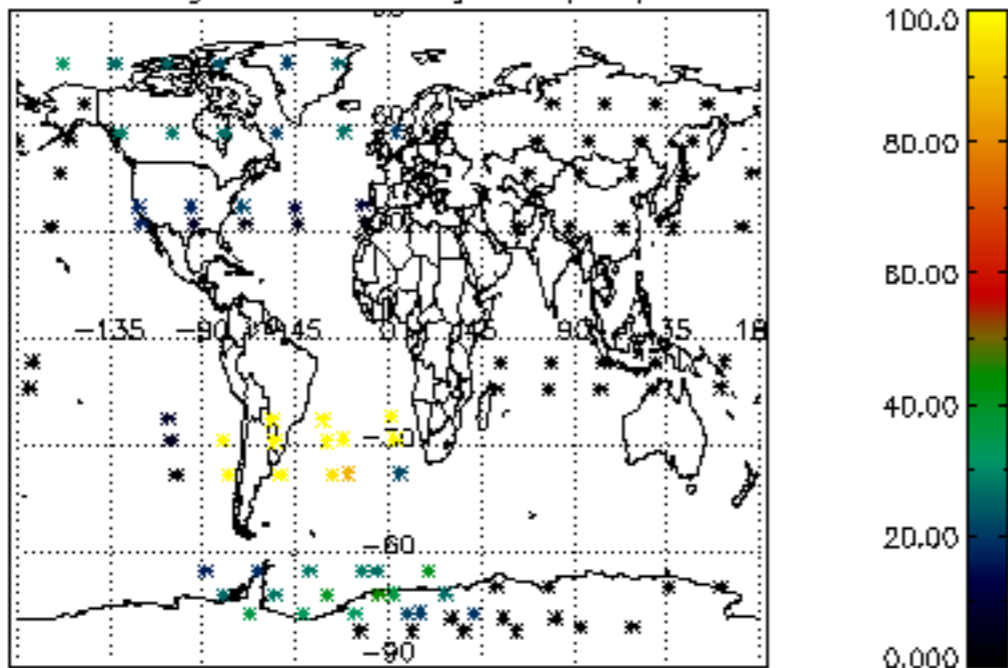
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-SEP-2010 00:00:40
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100824_082223_20100822_000000_20500101_000000	1	03-SEP-2010 00:00:40
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	03-SEP-2010 00:00:40
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	03-SEP-2010 00:00:40
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	03-SEP-2010 00:00:40
ECMWF_FILE	AUX_ECF_AXNECM20100902_054115_20100902_210000_20100903_090000	1	03-SEP-2010 00:00:40
ECMWF_FILE	AUX_ECF_AXNECM20100902_172117_20100903_030000_20100903_150000	36	03-SEP-2010 03:16:37
ECMWF_FILE	AUX_ECF_AXNECM20100903_054115_20100903_150000_20100904_030000	73	03-SEP-2010 20:49:31
ECMWF_FILE	AUX_ECF_AXNECM20100903_054115_20100903_210000_20100904_090000	86	03-SEP-2010 22:03:07
OPTIONAL_ECMWF_FILE	MISSING	1	03-SEP-2010 00:00:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100902_223021_000057382092_00344_44486_0984.N1	1	03-SEP-2010 00:00:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100903_001118_000057382092_00345_44487_0985.N1	5	03-SEP-2010 00:15:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100903_015215_000038252092_00346_44488_0986.N1	23	03-SEP-2010 01:55:47
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100903_030119_000060572092_00347_44489_0987.N1	36	03-SEP-2010 03:16:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100903_044735_000054192092_00348_44490_0988.N1	54	03-SEP-2010 04:57:13
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100903_092115_20100902_192409_20100912_205022	73	03-SEP-2010 20:49:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100903_215820_000057382092_00358_44500_0990.N1	86	03-SEP-2010 22:03:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100903_233917_000057382092_00359_44501_0991.N1	104	03-SEP-2010 23:43:43



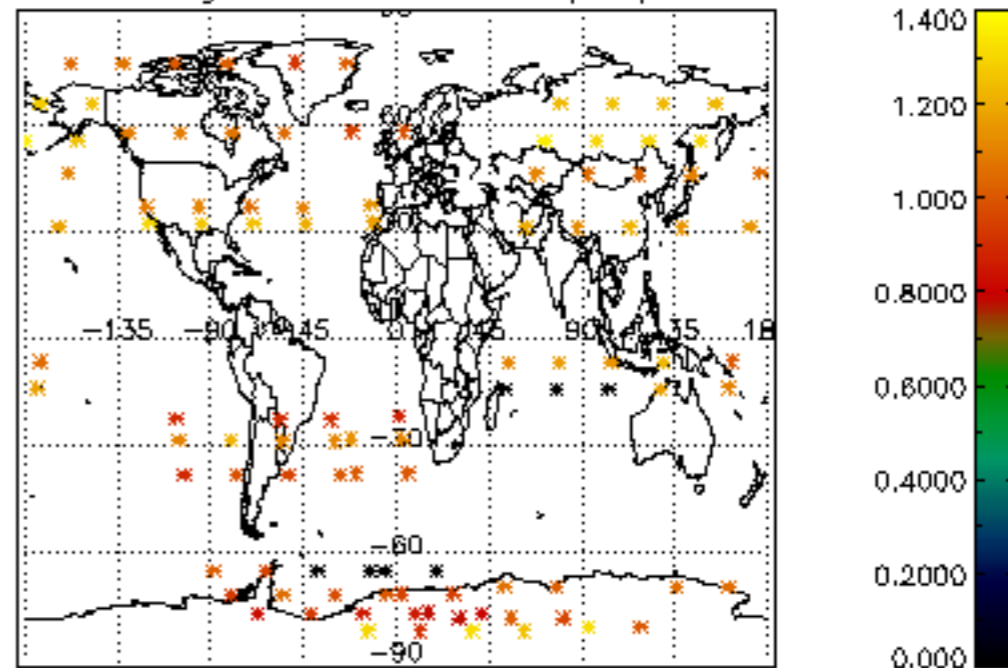




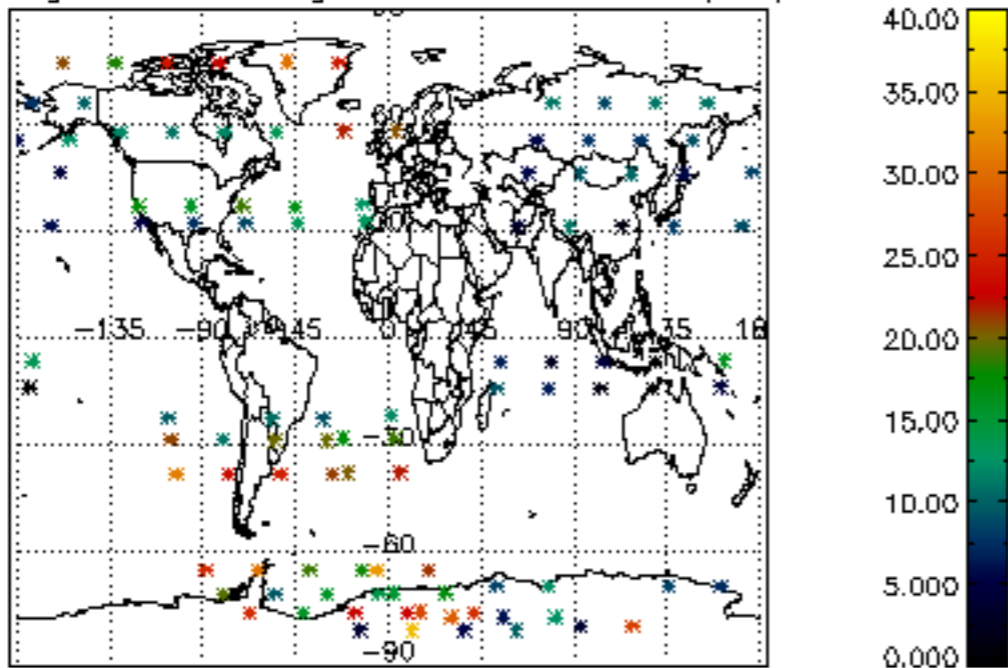
Percentage of cosmic ray hits per profile



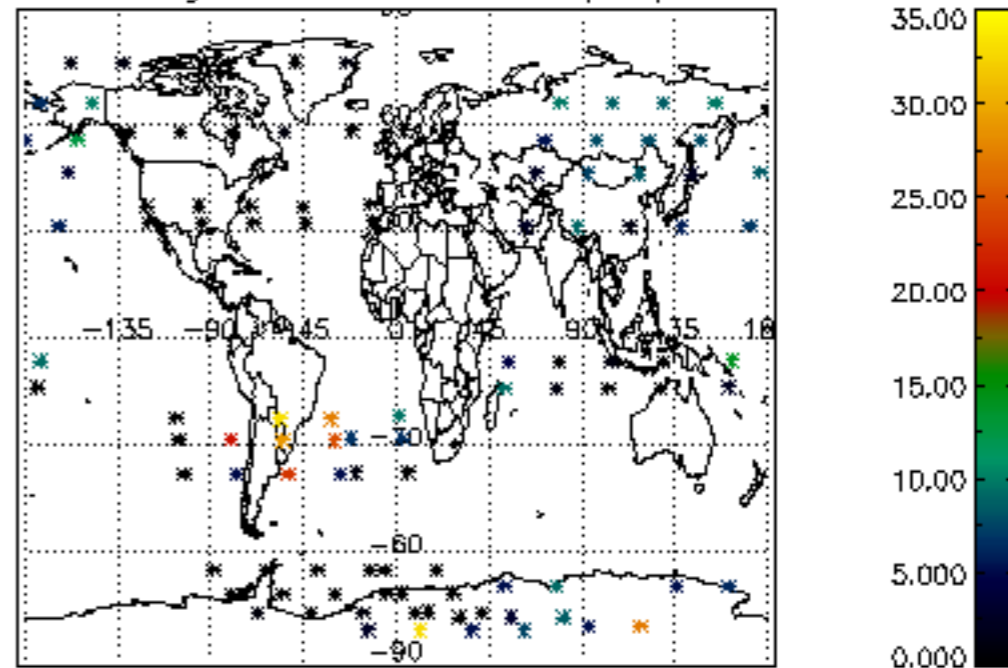
Percentage of datation errors per profile



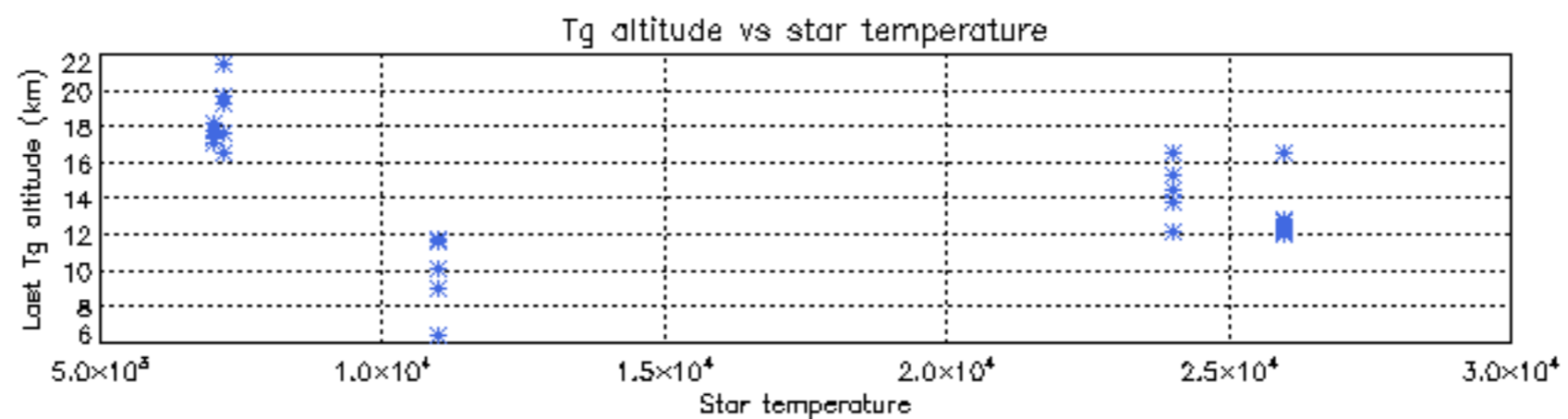
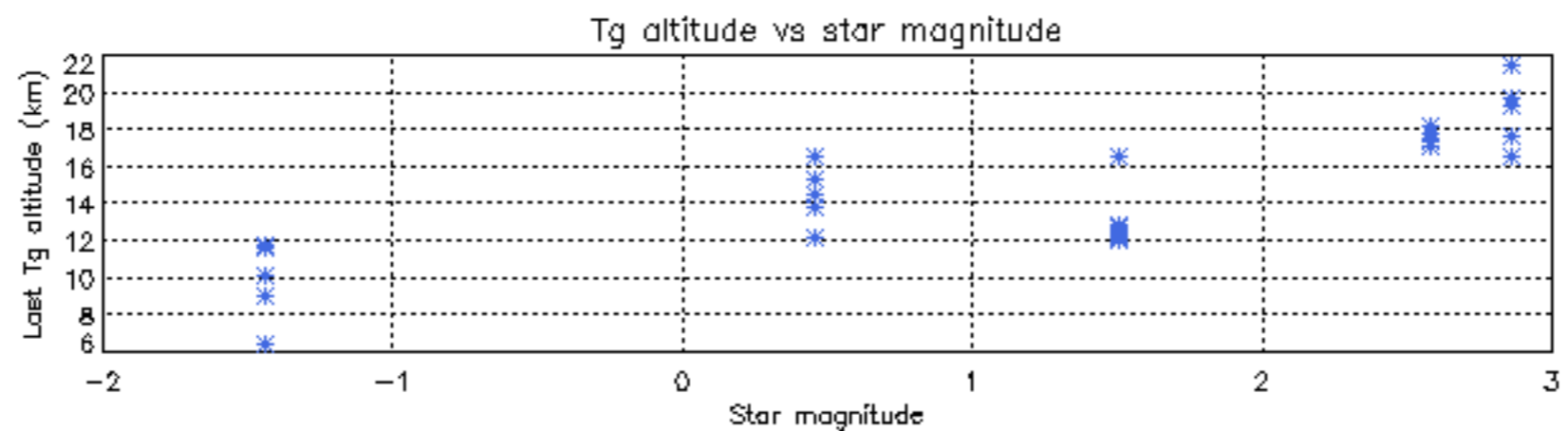
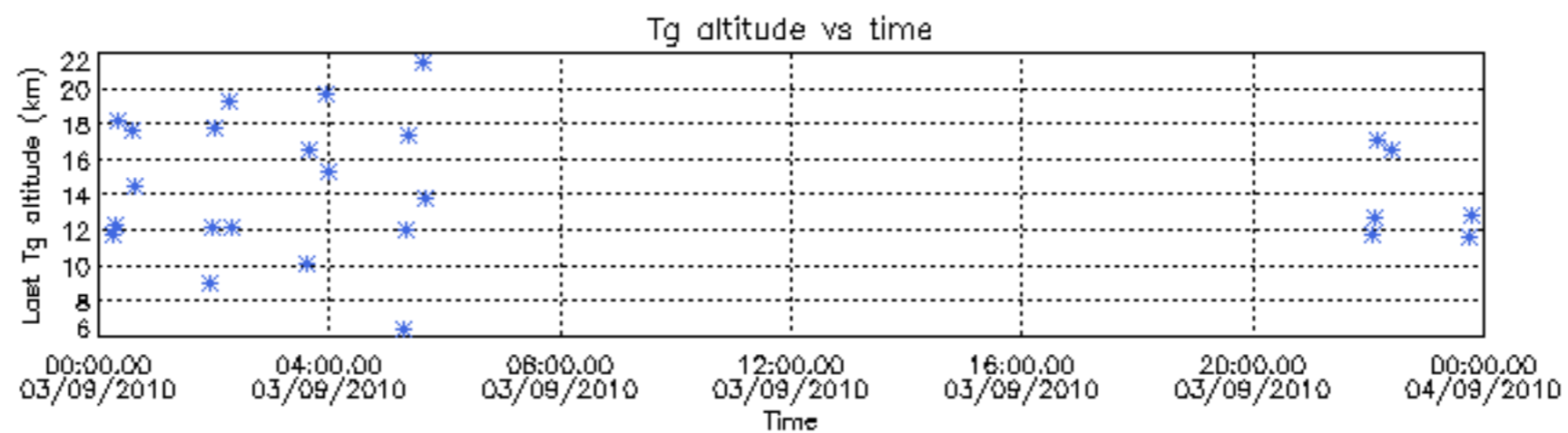
Percentage of star falling outside central band per profile



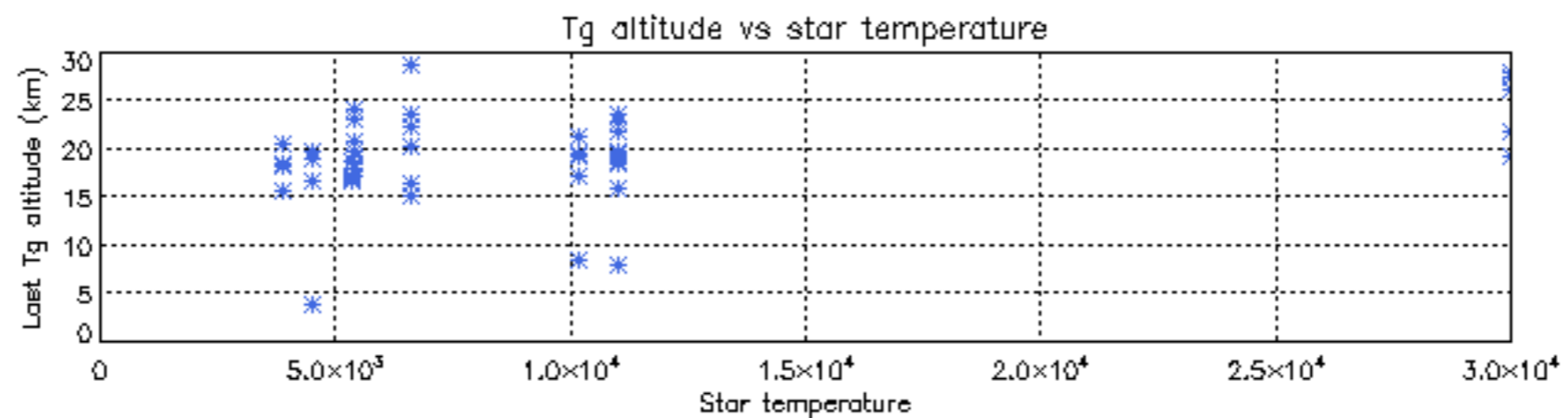
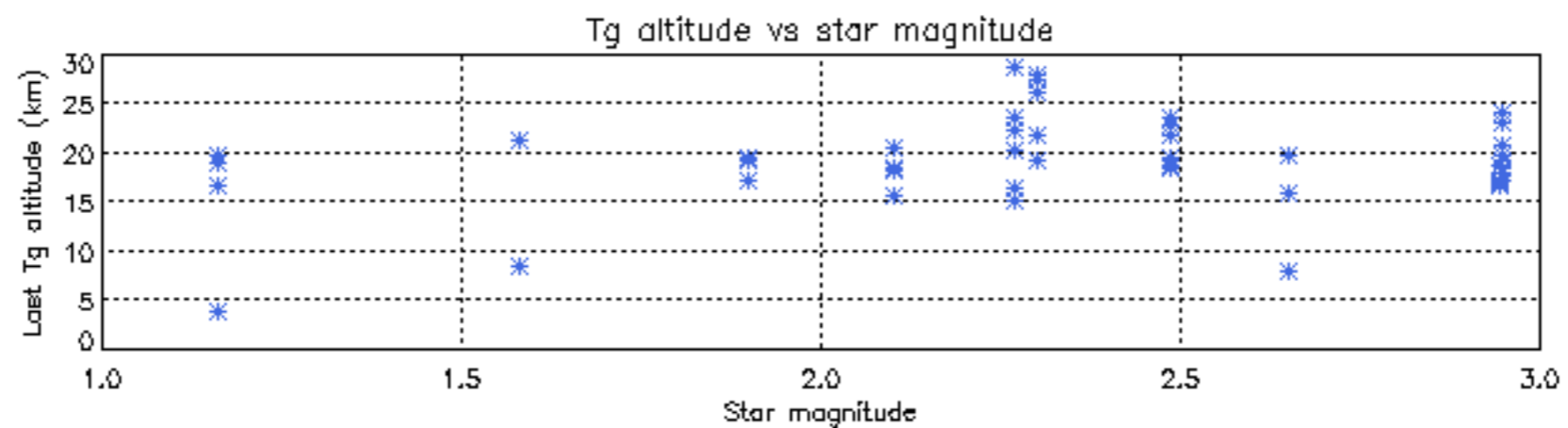
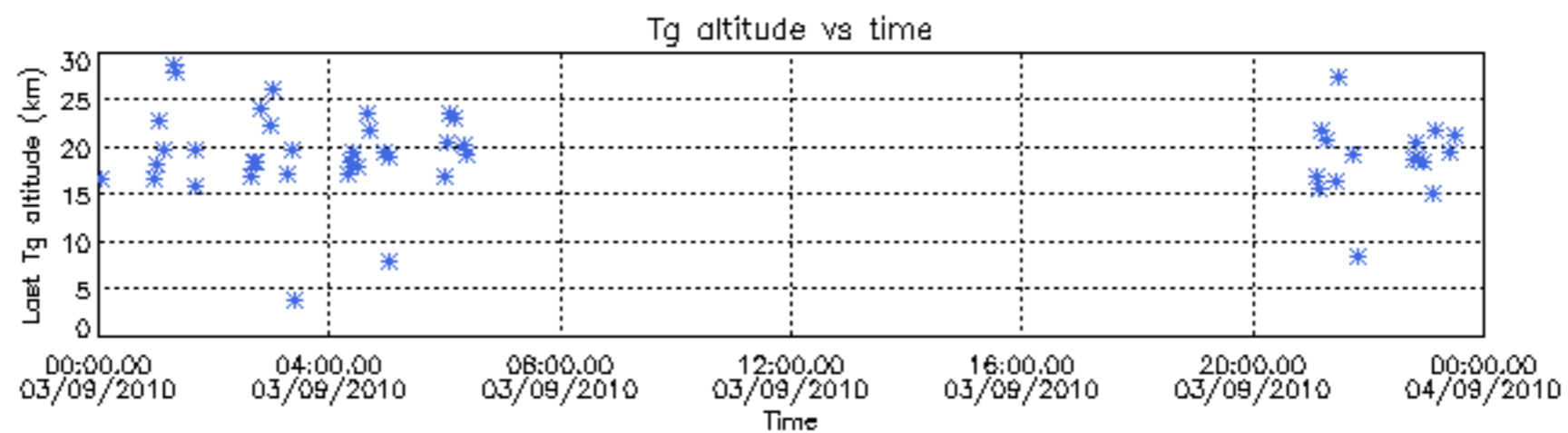
Percentage of saturation errors per profile



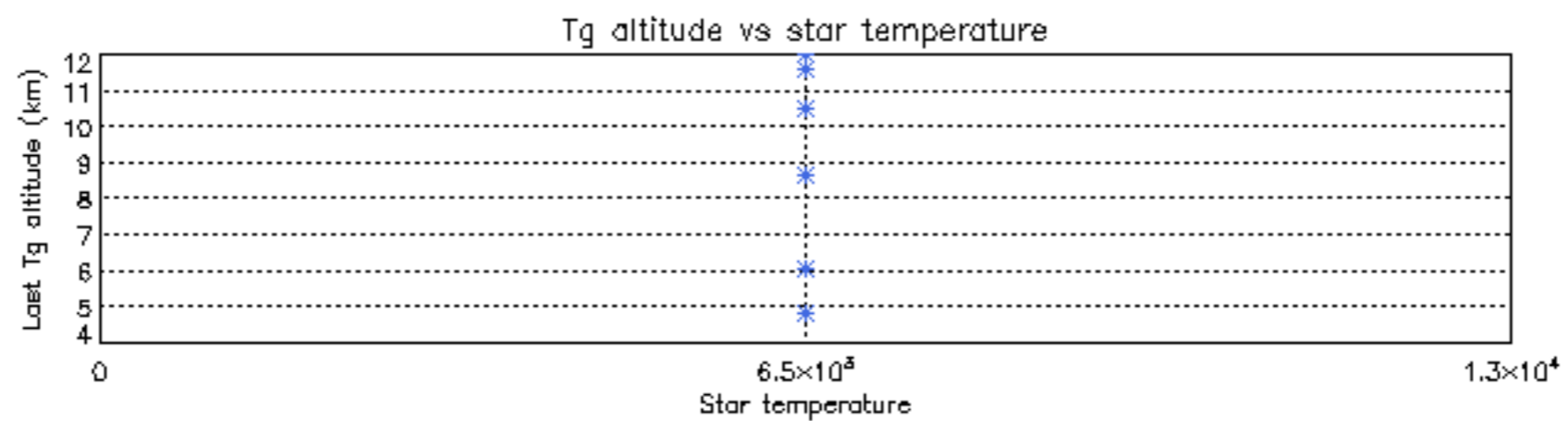
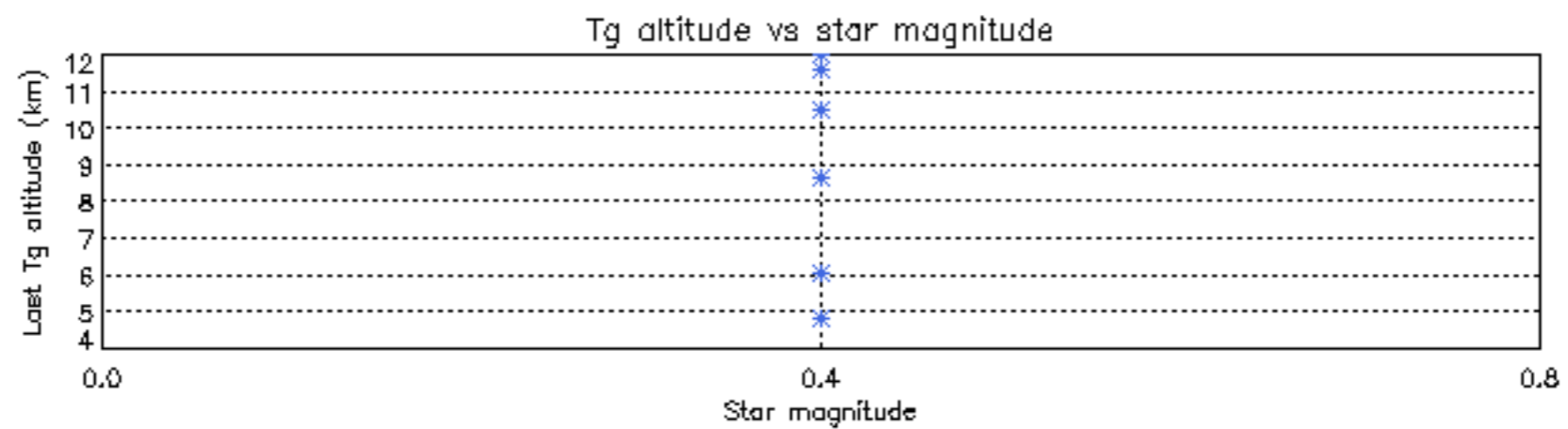
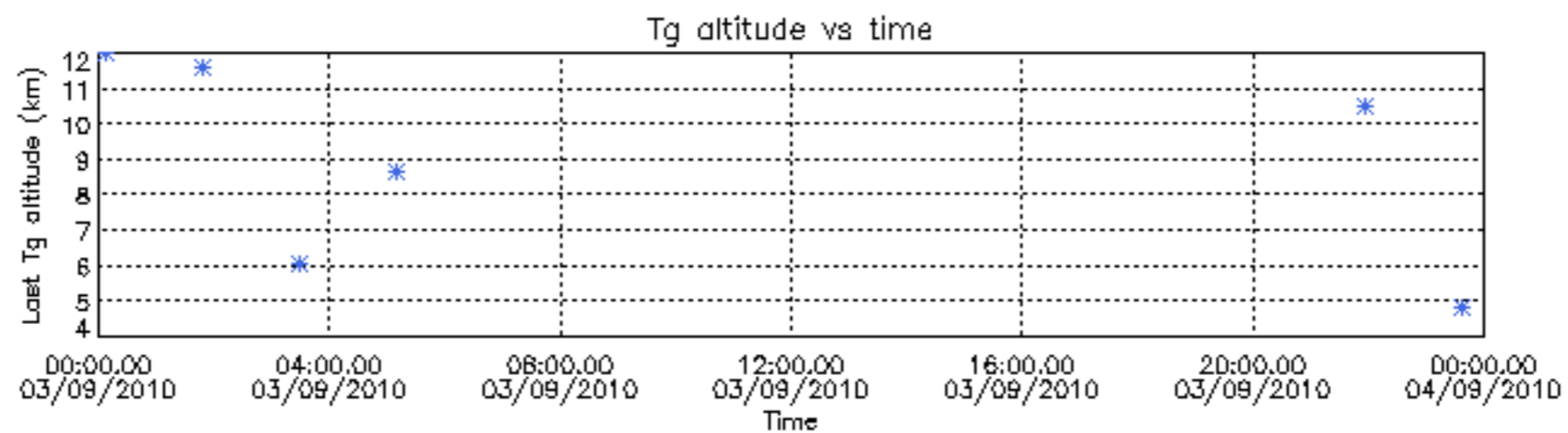
Tangent altitude at which the star is lost

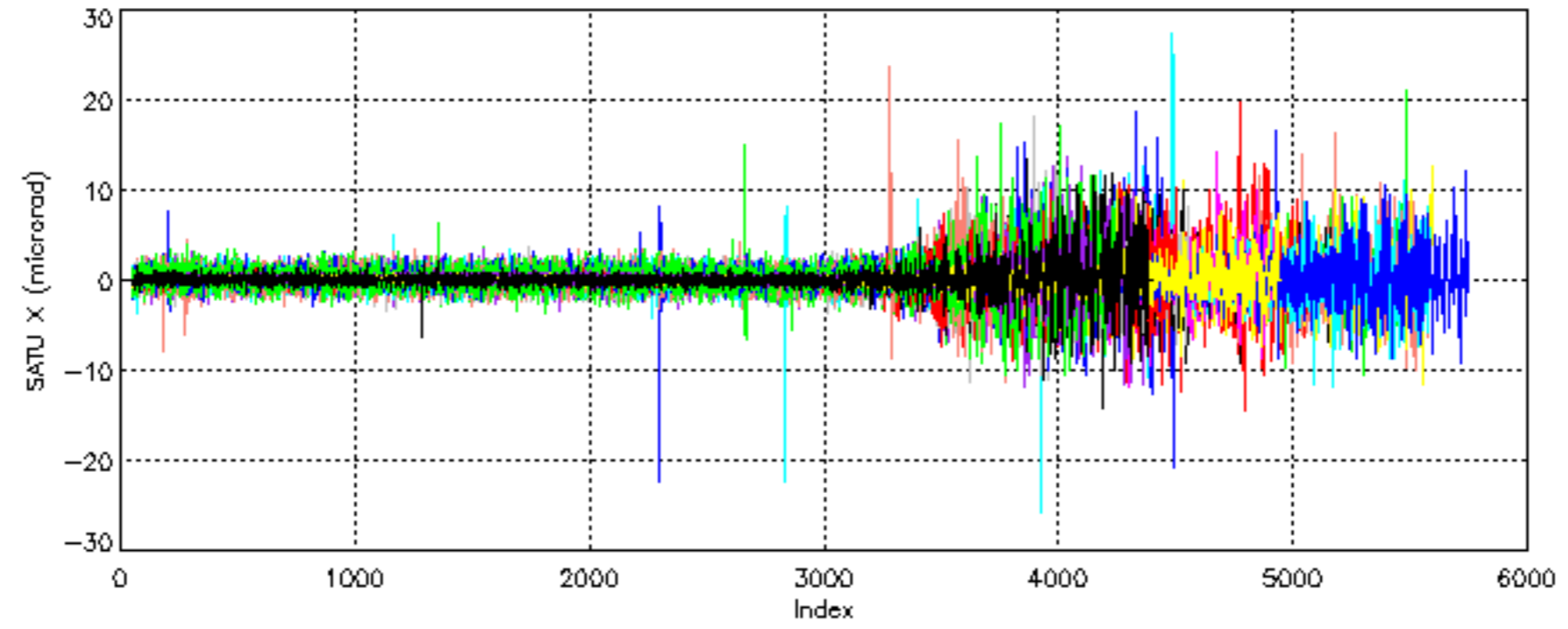


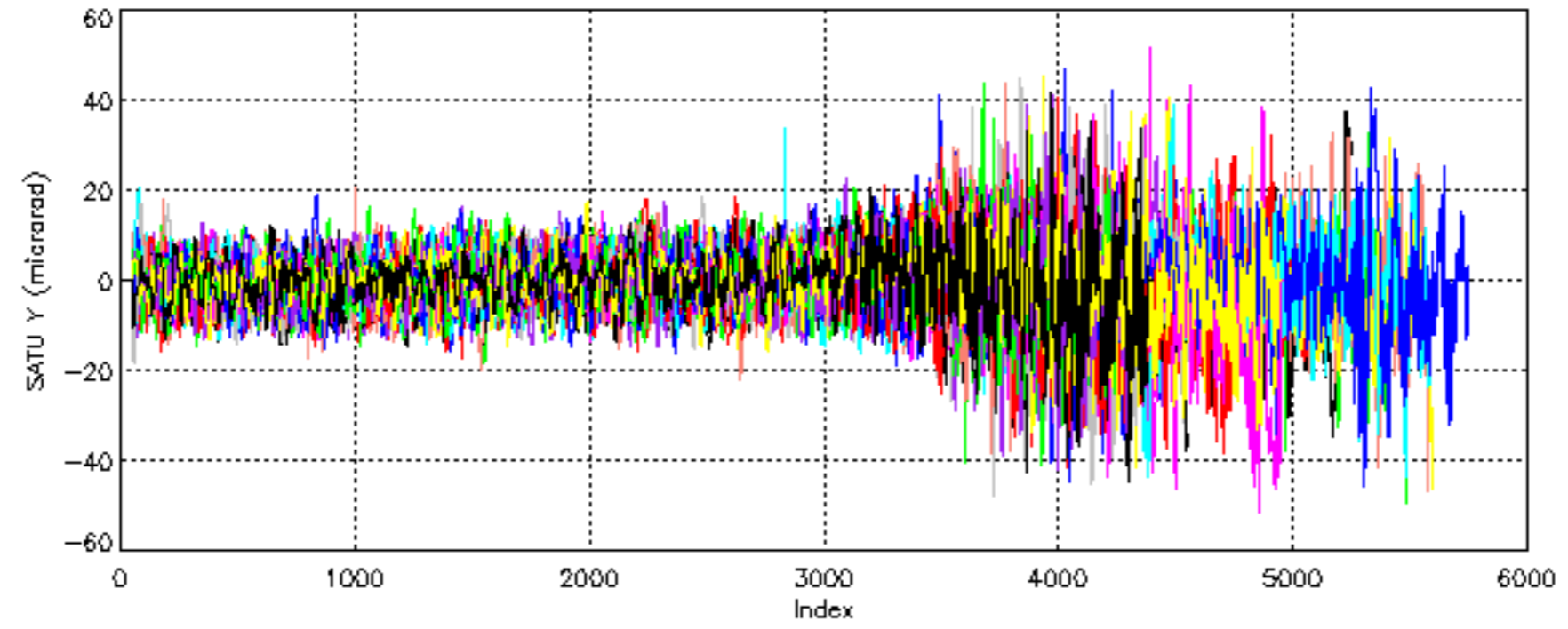
Tangent altitude at which the star is lost

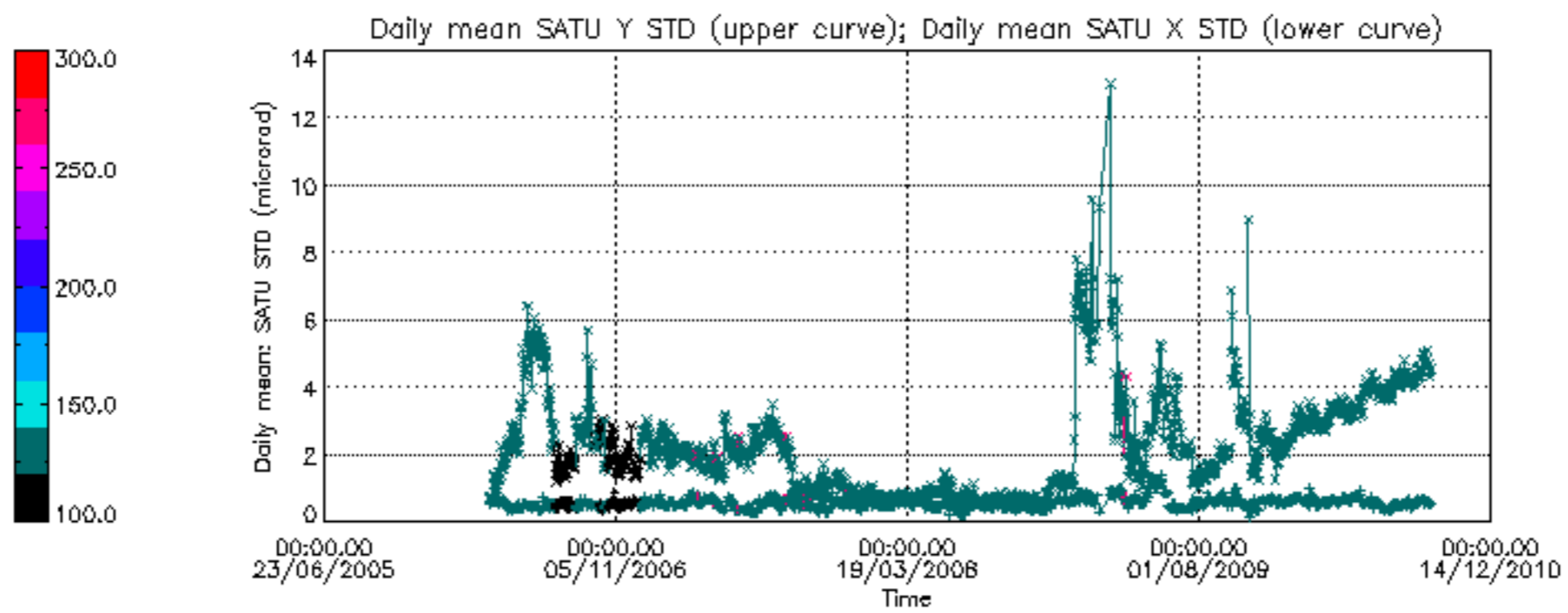


Tangent altitude at which the star is lost










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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100901_011807_000013212092_00317_44459_0811.N1
 1; -664.1; 01-SEP-2010 01:18:07; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44459
 2; -498.0; 01-SEP-2010 01:20:53; Dark ; 42.0; 23; 21Eps CMA ; 1.50; 26000;occ; 84; 0;44459
 3; -356.2; 01-SEP-2010 01:23:15; Dark ; 58.5; 139; 9Bet Lep ; 2.83; 5600;occ; 117; 0;44459
 4; -241.6; 01-SEP-2010 01:25:10; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44459
 5; 525.7; 01-SEP-2010 01:37:57; Dark ; 41.0; 143; Alp Hyi ; 2.86; 7200;occ; 82; 0;44460
 6; 602.5; 01-SEP-2010 01:39:14; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44460
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13; 6620.1; 08-SEP-2010 14:43:35; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44568
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3; 2459.5; 08-SEP-2010 15:14:50; Bright; 40.0; 164; 44Eta Peg ; 2.95; 5400;occ; 80; 0;44568
4; 3081.2; 08-SEP-2010 15:25:12; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44568
5; 3200.5; 08-SEP-2010 15:27:11; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;44568
6; 4191.7; 08-SEP-2010 15:43:43; Bright; 52.0; 42; 34Bet Aur ; 1.90; 10200;occ; 104; 0;44568

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 9; 4840.0; 08-SEP-2010 15:54:31; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;44568
 10; 4952.2; 08-SEP-2010 15:56:23; Dark ; 55.5; 8; 10Alp CMi ; 0.40; 6500;occ; 111; 0;44568
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 13; 5723.9; 08-SEP-2010 16:09:15; Dark ; 45.0; 177; 1Zet CMA ; 3.02; 26000;occ; 90; 0;44568
 14; 5812.5; 08-SEP-2010 16:10:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44568
 15; 5916.1; 08-SEP-2010 16:12:27; Dark ; 47.5; 108; Alp Col ; 2.65; 15200;occ; 95; 0;44568
 16; 6622.1; 08-SEP-2010 16:24:13; Dark ; 36.5; 143; Alp Hyi ; 2.86; 7200;occ; 73; 0;44569
 17; 6702.4; 08-SEP-2010 16:25:33; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44569
 18; 7055.1; 08-SEP-2010 16:31:26; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44569

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 3; 2459.2; 08-SEP-2010 16:55:26; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;44569
 4; 3080.6; 08-SEP-2010 17:05:48; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44569
 5; 3199.9; 08-SEP-2010 17:07:47; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44569
 6; 4191.5; 08-SEP-2010 17:24:18; Bright; 53.0; 42; 34Bet Aur ; 1.90; 10200;occ; 106; 0;44569
 7; 4467.0; 08-SEP-2010 17:28:54; Bright; 58.0; 24; 66Alp Gem ; 1.58; 10200;occ; 116; 0;44569
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 9; 4840.5; 08-SEP-2010 17:35:07; Dark ; 56.5; 44; 24Gam Gem ; 1.93; 11000;occ; 113; 0;44569
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 11; 5449.8; 08-SEP-2010 17:45:17; Dark ; 53.0; 1; 9Alp CMA ; -1.44; 11000;occ; 106; 0;44569
 12; 5602.2; 08-SEP-2010 17:47:49; Dark ; 45.0; 23; 21Eps CMA ; 1.50; 26000;occ; 90; 0;44569
 13; 5724.8; 08-SEP-2010 17:49:52; Dark ; 45.0; 177; 1Zet CMA ; 3.02; 26000;occ; 90; 0;44569
 14; 5813.3; 08-SEP-2010 17:51:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44569
 15; 5917.1; 08-SEP-2010 17:53:04; Dark ; 48.0; 108; Alp Col ; 2.65; 15200;occ; 96; 0;44569
 16; 6702.8; 08-SEP-2010 18:06:10; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44570
 17; 7055.5; 08-SEP-2010 18:12:02; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;44570

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 3; 2458.6; 08-SEP-2010 18:36:02; Bright; 40.5; 164; 44Eta Peg ; 2.95; 5400;occ; 81; 0;44570
 4; 3080.1; 08-SEP-2010 18:46:23; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44570
 5; 3199.1; 08-SEP-2010 18:48:22; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;44570
 6; 4191.3; 08-SEP-2010 19:04:54; Bright; 51.0; 42; 34Bet Aur ; 1.90; 10200;occ; 102; 0;44570
 7; 4467.1; 08-SEP-2010 19:09:30; Bright; 40.5; 24; 66Alp Gem ; 1.58; 10200;occ; 81; 0;44570
 8; 4640.0; 08-SEP-2010 19:12:23; Dark ; 52.5; 170; 27Eps Gem ; 3.00; 9700;occ; 105; 0;44570
 9; 4840.9; 08-SEP-2010 19:15:44; Dark ; 57.0; 44; 24Gam Gem ; 1.93; 11000;occ; 114; 0;44570
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 11; 5450.6; 08-SEP-2010 19:25:54; Dark ; 53.5; 1; 9Alp CMA ; -1.44; 11000;occ; 107; 0;44570
 12; 5602.7; 08-SEP-2010 19:28:26; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;44570
 13; 5725.9; 08-SEP-2010 19:30:29; Dark ; 45.0; 177; 1Zet CMA ; 3.02; 26000;occ; 90; 0;44570
 14; 5814.1; 08-SEP-2010 19:31:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44570
 15; 5918.3; 08-SEP-2010 19:33:41; Dark ; 49.0; 108; Alp Col ; 2.65; 15200;occ; 98; 0;44570
 16; 6703.4; 08-SEP-2010 19:46:46; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;44571

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 4; 669.1; 09-SEP-2010 00:48:36; Dark ; 51.0; 9; Alp Eri ; 0.45; 24000;occ; 102; 0;44574
 5; 1021.3; 09-SEP-2010 00:54:28; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44574
 6; 1357.6; 09-SEP-2010 01:00:04; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44574
 7; 2203.8; 09-SEP-2010 01:14:10; Bright; 45.0; 90; 54Alp Peg ; 2.49; 11000;occ; 90; 0;44574
 8; 2457.2; 09-SEP-2010 01:18:24; Bright; 41.5; 164; 44Eta Peg ; 2.95; 5400;occ; 83; 0;44574
 9; 3077.9; 09-SEP-2010 01:28:44; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44574
 10; 3196.5; 09-SEP-2010 01:30:43; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44574
 11; 4190.4; 09-SEP-2010 01:47:17; Bright; 49.5; 42; 34Bet Aur ; 1.90; 10200;occ; 99; 0;44574
 12; 4467.5; 09-SEP-2010 01:51:54; Bright; 41.0; 24; 66Alp Gem ; 1.58; 10200;occ; 82; 0;44574
 13; 4641.0; 09-SEP-2010 01:54:48; Dark ; 54.5; 170; 27Eps Gem ; 3.00; 9700;occ; 109; 0;44574
 14; 4843.0; 09-SEP-2010 01:58:10; Dark ; 55.0; 44; 24Gam Gem ; 1.93; 11000;occ; 110; 0;44574
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 3; -218.7; 09-SEP-2010 02:14:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44574
 4; 669.4; 09-SEP-2010 02:29:12; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;44575

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6; 1357.8; 09-SEP-2010 02:40:40; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;44575
7; 2203.3; 09-SEP-2010 02:54:46; Bright; 44.0; 90; 54Alp Peg ; 2.49; 11000;occ; 88; 0;44575
8; 2457.2; 09-SEP-2010 02:59:00; Bright; 42.5; 164; 44Eta Peg ; 2.95; 5400;occ; 85; 0;44575
9; 3077.3; 09-SEP-2010 03:09:20; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;44575
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3; -1394.5; 09-SEP-2010 03:35:24; Dark ; 56.5; 170; 27Eps Gem ; 3.00; 9700;occ; 113; 0;44575
4; -1192.4; 09-SEP-2010 03:38:46; Dark ; 55.0; 44; 24Gam Gem ; 1.93; 11000;occ; 110; 0;44575
5; -1080.9; 09-SEP-2010 03:40:37; Dark ; 58.0; 8; 10Alp CMi ; 0.40; 6500;occ; 116; 0;44575
6; -581.3; 09-SEP-2010 03:48:57; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;44575
7; -430.0; 09-SEP-2010 03:51:28; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;44575
8; -306.0; 09-SEP-2010 03:53:32; Dark ; 45.5; 177; 1Zet CMA ; 3.02; 26000;occ; 91; 0;44575
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12; 1022.6; 09-SEP-2010 04:15:41; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;44576
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14; 2203.6; 09-SEP-2010 04:35:22; Bright; 42.5; 90; 54Alp Peg ; 2.49; 11000;occ; 85; 0;44576
15; 2456.9; 09-SEP-2010 04:39:35; Bright; 40.0; 164; 44Eta Peg ; 2.95; 5400;occ; 80; 0;44576
16; 3076.7; 09-SEP-2010 04:49:55; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;44576
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3; -1394.3; 09-SEP-2010 05:16:00; Dark ; 51.5; 170; 27Eps Gem ; 3.00; 9700;occ; 103; 0;44576
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5; -1080.4; 09-SEP-2010 05:21:14; Dark ; 55.5; 8; 10Alp CMi ; 0.40; 6500;occ; 111; 0;44576
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12; 1023.1; 09-SEP-2010 05:56:17; Dark ; 43.5; 84; Alp Phe ; 2.40; 4500;occ; 87; 0;44577
13; 1358.4; 09-SEP-2010 06:01:53; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;44577
14; 2203.0; 09-SEP-2010 06:15:57; Bright; 43.0; 90; 54Alp Peg ; 2.49; 11000;occ; 86; 0;44577
15; 2456.9; 09-SEP-2010 06:20:11; Bright; 41.5; 164; 44Eta Peg ; 2.95; 5400;occ; 83; 0;44577
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3; -1393.9; 09-SEP-2010 06:56:36; Dark ; 55.0; 170; 27Eps Gem ; 3.00; 9700;occ; 110; 0;44577
4; -1191.4; 09-SEP-2010 06:59:59; Dark ; 54.0; 44; 24Gam Gem ; 1.93; 11000;occ; 108; 0;44577
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8; -304.0; 09-SEP-2010 07:14:46; Dark ; 45.5; 177; 1Zet CMA ; 3.02; 26000;occ; 91; 0;44577
9; -216.3; 09-SEP-2010 07:16:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44577
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13; 5820.5; 09-SEP-2010 08:56:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44578
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3; 3015.7; 09-SEP-2010 11:31:18; Bright; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;44580
4; 3260.5; 09-SEP-2010 11:35:23; Bright; 45.5; 110; 37Del Cas ; 2.68; 8900;occ; 91; 0;44580
5; 3391.3; 09-SEP-2010 11:37:33; Bright; 77.5; 73; 57Gam1And ; 2.26; 13100;occ; 155; 0;44580
6; 3593.4; 09-SEP-2010 11:40:55; Bright; 58.0; 160; 23Gam Per ; 2.93; 4700;occ; 116; 0;44580
7; 3719.8; 09-SEP-2010 11:43:02; Bright; 68.5; 35; 33Alp Per ; 1.79; 6250;occ; 137; 0;44580
8; 3834.2; 09-SEP-2010 11:44:56; Bright; 68.0; 175; 39Del Per ; 3.01; 19400;occ; 136; 0;44580
9; 4118.1; 09-SEP-2010 11:49:40; Bright; 65.0; 6; 13Alp Aur ; 0.08; 3400;occ; 130; 0;44580
10; 4378.0; 09-SEP-2010 11:54:00; Bright; 78.0; 107; 37The Aur ; 2.65; 11000;occ; 156; 0;44580
11; 4649.8; 09-SEP-2010 11:58:32; Dark ; 81.5; 28; 12Bet Tau ; 1.65; 15200;occ; 163; 0;44580
12; 4846.3; 09-SEP-2010 12:01:48; Dark ; 56.5; 44; 24Gam Gem ; 1.93; 11000;occ; 113; 0;44580
13; 5189.9; 09-SEP-2010 12:07:32; Dark ; 100.0; 14; 58Alp Ori ; 0.87; 3000;occ; 200; 0;44580
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3; 3589.5; 09-SEP-2010 18:23:15; Bright; 59.5; 160; 23Gam Per ; 2.93; 4700;occ; 119; 0;44584
4; 4116.7; 09-SEP-2010 18:32:03; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;44584
5; 4378.0; 09-SEP-2010 18:36:24; Bright; 49.0; 107; 37The Aur ; 2.65; 11000;occ; 98; 0;44584
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4; 4112.3; 10-SEP-2010 11:17:57; Bright; 17.5; 6; 13Alp Aur ; 0.08; 3400;occ; 35; 0;44594
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6; 3023.0; 16-SEP-2010 21:14:53; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44686
7; 3129.8; 16-SEP-2010 21:16:40; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44686
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6; 643.1; 16-SEP-2010 22:15:49; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44687
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 7; 5451.2; 16-SEP-2010 13:32:21; Dark ; 41.0; 132; 15Rho Pup ; 2.80; 6900;occ; 82; 0;44681
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13; 6676.8; 16-SEP-2010 13:52:47; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;44682
14; 6762.4; 16-SEP-2010 13:54:12; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44682
15; 7105.9; 16-SEP-2010 13:59:56; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;44682
16; 7564.1; 16-SEP-2010 14:07:34; Dark ; 8.5; 52; 16Bet Cet ; 2.04; 4500;occ; 17; 0;44682
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 3; 2410.4; 16-SEP-2010 14:22:16; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44682
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 5; 3024.9; 16-SEP-2010 14:32:31; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44682
 6; 3132.1; 16-SEP-2010 14:34:18; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44682
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 9; 5451.7; 16-SEP-2010 15:12:58; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;44682
10; 5556.3; 16-SEP-2010 15:14:42; Dark ; 71.0; 1; 9Alp CMa ; -1.44; 11000;occ; 142; 0;44682
11; 5687.7; 16-SEP-2010 15:16:54; Dark ; 46.5; 23; 21Eps CMa ; 1.50; 26000;occ; 93; 0;44682
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13; 6062.4; 16-SEP-2010 15:23:08; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;44683
14; 6677.2; 16-SEP-2010 15:33:23; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;44683
15; 6762.9; 16-SEP-2010 15:34:49; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44683
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 3; 2410.1; 16-SEP-2010 16:02:52; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44683
 4; 2532.4; 16-SEP-2010 16:04:54; Bright; 30.0; 58; 21Alp And ; 2.07; 11000;occ; 60; 0;44683
 5; 3024.4; 16-SEP-2010 16:13:06; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44683

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12; 5912.1; 16-SEP-2010 17:01:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44683
13; 6063.3; 16-SEP-2010 17:03:45; Dark ; 48.0; 2; Alp Car ; -0.74; 7000;occ; 96; 0;44684
14; 6677.9; 16-SEP-2010 17:14:00; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;44684
15; 6763.4; 16-SEP-2010 17:15:25; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;44684
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3; 2409.9; 16-SEP-2010 17:43:28; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44684
4; 2531.6; 16-SEP-2010 17:45:30; Bright; 37.0; 58; 21Alp And ; 2.07; 11000;occ; 74; 0;44684
5; 3023.9; 16-SEP-2010 17:53:42; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44684
6; 3131.0; 16-SEP-2010 17:55:29; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44684
7; 4482.7; 16-SEP-2010 18:18:01; Bright; 44.0; 24; 66Alp Gem ; 1.58; 10200;occ; 88; 0;44684
8; 5007.0; 16-SEP-2010 18:26:45; Dark ; 59.5; 8; 10Alp CMI ; 0.40; 6500;occ; 119; 0;44684
9; 5452.6; 16-SEP-2010 18:34:11; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44684
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11; 5689.3; 16-SEP-2010 18:38:07; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;44684
12; 5913.1; 16-SEP-2010 18:41:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44684
13; 6063.9; 16-SEP-2010 18:44:22; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;44685
14; 6678.1; 16-SEP-2010 18:54:36; Dark ; 40.5; 143; Alp Hyi ; 2.86; 7200;occ; 81; 0;44685
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2; -474.4; 16-SEP-2010 23:37:47; Dark ; 65.0; 1; 9Alp CMA ; -1.44; 11000;occ; 130; 0;44687
3; -344.0; 16-SEP-2010 23:39:58; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;44687
4; -120.1; 16-SEP-2010 23:43:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44687
5; 29.4; 16-SEP-2010 23:46:11; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;44688
6; 643.3; 16-SEP-2010 23:56:25; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;44688
7; 729.2; 16-SEP-2010 23:57:51; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44688
8; 1072.3; 17-SEP-2010 00:03:34; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;44688
9; 1529.0; 17-SEP-2010 00:11:10; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;44688
10; 2177.6; 17-SEP-2010 00:21:59; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44688
11; 2408.8; 17-SEP-2010 00:25:50; Bright; 41.5; 93; 53Bet Peg ; 2.52; 3100;occ; 83; 0;44688
12; 2528.9; 17-SEP-2010 00:27:50; Bright; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;44688
13; 3022.1; 17-SEP-2010 00:36:04; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44688
14; 3128.4; 17-SEP-2010 00:37:50; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;44688
15; 4483.0; 17-SEP-2010 01:00:25; Bright; 58.0; 24; 66Alp Gem ; 1.58; 10200;occ; 116; 0;44688
16; 5009.1; 17-SEP-2010 01:09:11; Dark ; 62.0; 8; 10Alp CMI ; 0.40; 6500;occ; 124; 0;44688

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3; 2178.0; 16-SEP-2010 19:20:12; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;44685
4; 2409.6; 16-SEP-2010 19:24:03; Bright; 43.0; 93; 53Bet Peg ; 2.52; 3100;occ; 86; 0;44685
5; 2530.9; 16-SEP-2010 19:26:05; Bright; 37.0; 58; 21Alp And ; 2.07; 11000;occ; 74; 0;44685
6; 3023.6; 16-SEP-2010 19:34:18; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44685
7; 3130.4; 16-SEP-2010 19:36:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;44685
8; 4482.7; 16-SEP-2010 19:58:37; Bright; 63.0; 24; 66Alp Gem ; 1.58; 10200;occ; 126; 0;44685
9; 5007.4; 16-SEP-2010 20:07:21; Dark ; 56.5; 8; 10Alp CMI ; 0.40; 6500;occ; 113; 0;44685
10; 5452.9; 16-SEP-2010 20:14:47; Dark ; 39.0; 132; 15Rho Pup ; 2.80; 6900;occ; 78; 0;44685
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12; 5690.1; 16-SEP-2010 20:18:44; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;44685
13; 5913.9; 16-SEP-2010 20:22:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44685
14; 6064.4; 16-SEP-2010 20:24:58; Dark ; 57.0; 2; Alp Car ; -0.74; 7000;occ; 114; 0;44686
15; 6678.7; 16-SEP-2010 20:35:13; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;44686
16; 6764.3; 16-SEP-2010 20:36:38; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;44686

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3; -343.2; 17-SEP-2010 01:20:34; Dark ; 48.5; 23; 21Eps CMA ; 1.50; 26000;occ; 97; 0;44688
4; -119.2; 17-SEP-2010 01:24:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44688
5; 30.3; 17-SEP-2010 01:26:48; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;44689
6; 644.3; 17-SEP-2010 01:37:02; Dark ; 37.5; 143; Alp Hyi ; 2.86; 7200;occ; 75; 0;44689


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10; 2177.4; 17-SEP-2010 02:02:35; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44689
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12; 2528.1; 17-SEP-2010 02:08:25; Bright; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;44689
13; 3021.5; 17-SEP-2010 02:16:39; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44689
14; 3128.1; 17-SEP-2010 02:18:25; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44689
15; 4483.2; 17-SEP-2010 02:41:01; Bright; 45.0; 24; 66Alp Gem ; 1.58; 10200;occ; 90; 0;44689
16; 5009.8; 17-SEP-2010 02:49:47; Dark ; 53.0; 8; 10Alp CMi ; 0.40; 6500;occ; 106; 0;44689
17; 5455.0; 17-SEP-2010 02:57:12; Dark ; 42.0; 132; 15Rho Pup ; 2.80; 6900;occ; 84; 0;44689
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19; 5693.6; 17-SEP-2010 03:01:11; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;44689
20; 5917.7; 17-SEP-2010 03:04:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44689
21; 6066.8; 17-SEP-2010 03:07:24; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;44690
22; 6680.6; 17-SEP-2010 03:17:38; Dark ; 37.0; 143; Alp Hyi ; 2.86; 7200;occ; 74; 0;44690
23; 6766.3; 17-SEP-2010 03:19:04; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;44690
24; 7108.9; 17-SEP-2010 03:24:46; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;44690
25; 7565.4; 17-SEP-2010 03:32:23; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;44690
26; 8213.2; 17-SEP-2010 03:43:11; Bright; 38.5; 90; 54Alp Peg ; 2.49; 11000;occ; 77; 0;44690
27; 8444.4; 17-SEP-2010 03:47:02; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44690
28; 8563.5; 17-SEP-2010 03:49:01; Bright; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;44690
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4; -1025.7; 17-SEP-2010 04:30:24; Dark ; 52.5; 8; 10Alp CMi ; 0.40; 6500;occ; 105; 0;44690
5; -580.4; 17-SEP-2010 04:37:49; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;44690
6; -471.1; 17-SEP-2010 04:39:38; Dark ; 58.5; 1; 9Alp CMA ; -1.44; 11000;occ; 117; 0;44690
7; -341.5; 17-SEP-2010 04:41:48; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;44690
8; -117.3; 17-SEP-2010 04:45:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44690
9; 31.5; 17-SEP-2010 04:48:01; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;44691
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4; -470.1; 17-SEP-2010 06:20:15; Dark ; 65.0; 1; 9Alp CMA ; -1.44; 11000;occ; 130; 0;44691
5; -340.6; 17-SEP-2010 06:22:25; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;44691
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7; 32.0; 17-SEP-2010 06:28:37; Dark ; 57.0; 2; Alp Car ; -0.74; 7000;occ; 114; 0;44692
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3; 2526.5; 17-SEP-2010 07:10:12; Bright; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;44692
4; 3020.5; 17-SEP-2010 07:18:26; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44692
5; 3126.6; 17-SEP-2010 07:20:12; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44692
6; 4483.8; 17-SEP-2010 07:42:49; Bright; 45.0; 24; 66Alp Gem ; 1.58; 10200;occ; 90; 0;44692
7; 5011.4; 17-SEP-2010 07:51:37; Dark ; 47.5; 8; 10Alp CMi ; 0.40; 6500;occ; 95; 0;44692
8; 5456.4; 17-SEP-2010 07:59:02; Dark ; 38.5; 132; 15Rho Pup ; 2.80; 6900;occ; 77; 0;44692
9; 5567.0; 17-SEP-2010 08:00:52; Dark ; 59.5; 1; 9Alp CMA ; -1.44; 11000;occ; 119; 0;44692
10; 5696.3; 17-SEP-2010 08:03:02; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;44692
11; 5920.6; 17-SEP-2010 08:06:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44692
12; 6068.6; 17-SEP-2010 08:09:14; Dark ; 48.0; 2; Alp Car ; -0.74; 7000;occ; 96; 0;44693
13; 6682.0; 17-SEP-2010 08:19:27; Dark ; 42.0; 143; Alp Hyi ; 2.86; 7200;occ; 84; 0;44693
14; 6767.9; 17-SEP-2010 08:20:53; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44693

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11; 5810.6; 22-SEP-2010 15:30:25; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;44768
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3; 2393.7; 22-SEP-2010 16:14:05; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44769
4; 2482.5; 22-SEP-2010 16:15:33; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;44769
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8; 5059.4; 22-SEP-2010 16:58:30; Dark ; 65.5; 8; 10Alp CMI ; 0.40; 6500;occ; 131; 0;44769
9; 5499.4; 22-SEP-2010 17:05:50; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44769
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14; 6804.3; 22-SEP-2010 17:27:35; Dark ; 51.0; 9; Alp Eri ; 0.45; 24000;occ; 102; 0;44770
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12; 5812.7; 22-SEP-2010 20:32:16; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;44771
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 6; 770.4; 23-SEP-2010 01:50:37; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44775
 7; 1104.5; 23-SEP-2010 01:56:11; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;44775
 8; 1541.3; 23-SEP-2010 02:03:28; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;44775
 9; 2167.9; 23-SEP-2010 02:13:54; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44775
10; 2392.9; 23-SEP-2010 02:17:39; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;44775
11; 2479.5; 23-SEP-2010 02:19:06; Bright; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;44775
12; 2987.5; 23-SEP-2010 02:27:34; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;44775
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 8; 771.0; 23-SEP-2010 03:31:13; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44776
 9; 1105.0; 23-SEP-2010 03:36:47; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;44776
10; 1541.6; 23-SEP-2010 03:44:04; Dark ; 54.0; 52; 16Bet Cet ; 2.04; 4500;occ; 108; 0;44776
11; 2168.1; 23-SEP-2010 03:54:30; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44776
12; 2392.9; 23-SEP-2010 03:58:15; Bright; 37.0; 93; 53Bet Peg ; 2.52; 3100;occ; 74; 0;44776
13; 2479.0; 23-SEP-2010 03:59:41; Bright; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;44776
14; 2987.2; 23-SEP-2010 04:08:09; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44776
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 2; -971.8; 23-SEP-2010 04:42:46; Dark ; 60.5; 8; 10Alp CMI ; 0.40; 6500;occ; 121; 0;44776
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 5; -260.4; 23-SEP-2010 04:54:38; Dark ; 53.0; 23; 21Eps CMA ; 1.50; 26000;occ; 106; 0;44776
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 7; 5.4; 23-SEP-2010 04:59:04; Dark ; 44.0; 161; Tau Pup ; 2.93; 4500;occ; 88; 0;44776
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12; 2168.0; 23-SEP-2010 05:35:06; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44777
13; 2392.9; 23-SEP-2010 05:38:51; Bright; 40.5; 93; 53Bet Peg ; 2.52; 3100;occ; 81; 0;44777
14; 2478.6; 23-SEP-2010 05:40:17; Bright; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;44777
15; 2986.6; 23-SEP-2010 05:48:45; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44777
16; 3082.2; 23-SEP-2010 05:50:20; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44777

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2;	2167.7;	23-SEP-2010	15:38:41;	Bright;	;	38.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	77;	0;	44783
3;	2392.2;	23-SEP-2010	15:42:26;	Bright;	;	39.5;	93;	53Bet	Peg	;	2.52;	3100;	occ;	79;	0;	44783
4;	2475.7;	23-SEP-2010	15:43:49;	Bright;	;	43.0;	58;	21Alp	And	;	2.07;	11000;	occ;	86;	0;	44783
5;	2984.7;	23-SEP-2010	15:52:18;	Bright;	;	37.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	75;	0;	44783
6;	3079.6;	23-SEP-2010	15:53:53;	Bright;	;	41.5;	76;	27Gam	Cas	;	2.30;	30000;	occ;	83;	0;	44783
7;	4496.5;	23-SEP-2010	16:17:30;	Bright;	;	47.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	95;	0;	44783
8;	5069.5;	23-SEP-2010	16:27:03;	Dark	;	69.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	138;	0;	44783
9;	5508.2;	23-SEP-2010	16:34:22;	Dark	;	40.5;	132;	15Rho	Pup	;	2.80;	6900;	occ;	81;	0;	44783
10;	5681.4;	23-SEP-2010	16:37:15;	Dark	;	67.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	134;	0;	44783
11;	5782.9;	23-SEP-2010	16:38:56;	Dark	;	46.5;	23;	21Eps	CMA	;	1.50;	26000;	occ;	93;	0;	44783
12;	5919.0;	23-SEP-2010	16:41:13;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44783
13;	6046.0;	23-SEP-2010	16:43:20;	Dark	;	43.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	86;	0;	44784
14;	6183.2;	23-SEP-2010	16:45:37;	Dark	;	54.0;	108;	Alp	Col	;	2.65;	15200;	occ;	108;	0;	44784
15;	6864.6;	23-SEP-2010	16:56:58;	Dark	;	51.5;	157;	The1Eri		;	2.91;	9300;	occ;	103;	0;	44784
16;	7143.8;	23-SEP-2010	17:01:37;	Dark	;	45.0;	84;	Alp	Phe	;	2.40;	4500;	occ;	90;	0;	44784

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2;	2167.8;	23-SEP-2010	17:19:17;	Bright;	;	38.0;	90;	54Alp	Peg	;	2.49;	11000;	occ;	76;	0;	44784
3;	2391.8;	23-SEP-2010	17:23:01;	Bright;	;	40.5;	93;	53Bet	Peg	;	2.52;	3100;	occ;	81;	0;	44784
4;	2475.3;	23-SEP-2010	17:24:25;	Bright;	;	43.0;	58;	21Alp	And	;	2.07;	11000;	occ;	86;	0;	44784
5;	2984.2;	23-SEP-2010	17:32:54;	Bright;	;	40.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	81;	0;	44784
6;	3079.0;	23-SEP-2010	17:34:29;	Bright;	;	40.5;	76;	27Gam	Cas	;	2.30;	30000;	occ;	81;	0;	44784
7;	4496.5;	23-SEP-2010	17:58:06;	Bright;	;	49.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	99;	0;	44784
8;	5070.1;	23-SEP-2010	18:07:40;	Dark	;	63.5;	8;	10Alp	CMI	;	0.40;	6500;	occ;	127;	0;	44784
9;	5508.9;	23-SEP-2010	18:14:58;	Dark	;	42.0;	132;	15Rho	Pup	;	2.80;	6900;	occ;	84;	0;	44784
10;	5682.8;	23-SEP-2010	18:17:52;	Dark	;	61.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	122;	0;	44784
11;	5783.8;	23-SEP-2010	18:19:33;	Dark	;	54.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	108;	0;	44784
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13;	6046.8;	23-SEP-2010	18:23:56;	Dark	;	43.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	86;	0;	44785
14;	6184.6;	23-SEP-2010	18:26:14;	Dark	;	55.5;	108;	Alp	Col	;	2.65;	15200;	occ;	111;	0;	44785
15;	6865.4;	23-SEP-2010	18:37:35;	Dark	;	51.0;	157;	The1Eri		;	2.91;	9300;	occ;	102;	0;	44785
16;	7144.0;	23-SEP-2010	18:42:14;	Dark	;	16.0;	84;	Alp	Phe	;	2.40;	4500;	occ;	32;	0;	44785

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2;	1542.9;	23-SEP-2010	18:49:28;	Dark	;	53.5;	52;	16Bet	Cet	;	2.04;	4500;	occ;	107;	0;	44785
3;	2167.5;	23-SEP-2010	18:59:53;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44785
4;	2391.7;	23-SEP-2010	19:03:37;	Bright;	;	38.0;	93;	53Bet	Peg	;	2.52;	3100;	occ;	76;	0;	44785
5;	2474.9;	23-SEP-2010	19:05:00;	Bright;	;	42.0;	58;	21Alp	And	;	2.07;	11000;	occ;	84;	0;	44785
6;	2984.0;	23-SEP-2010	19:13:30;	Bright;	;	41.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	83;	0;	44785
7;	3078.3;	23-SEP-2010	19:15:04;	Bright;	;	42.0;	76;	27Gam	Cas	;	2.30;	30000;	occ;	84;	0;	44785
8;	4496.8;	23-SEP-2010	19:38:42;	Bright;	;	48.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	97;	0;	44785
9;	5070.8;	23-SEP-2010	19:48:16;	Dark	;	71.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	142;	0;	44785
10;	5509.3;	23-SEP-2010	19:55:35;	Dark	;	41.5;	132;	15Rho	Pup	;	2.80;	6900;	occ;	83;	0;	44785
11;	5683.9;	23-SEP-2010	19:58:29;	Dark	;	61.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	122;	0;	44785
12;	5784.9;	23-SEP-2010	20:00:10;	Dark	;	49.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	98;	0;	44785
13;	5920.3;	23-SEP-2010	20:02:26;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44785
14;	6047.4;	23-SEP-2010	20:04:33;	Dark	;	51.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	102;	0;	44786
15;	6185.8;	23-SEP-2010	20:06:51;	Dark	;	55.5;	108;	Alp	Col	;	2.65;	15200;	occ;	111;	0;	44786
16;	6866.3;	23-SEP-2010	20:18:12;	Dark	;	51.0;	157;	The1Eri		;	2.91;	9300;	occ;	102;	0;	44786

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1;	1544.8;	24-SEP-2010	19:58:29;	Dark	;	53.0;	52;	16Bet	Cet	;	2.04;	4500;	occ;	106;	0;	44800
2;	2166.8;	24-SEP-2010	20:08:51;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44800
3;	2390.0;	24-SEP-2010	20:12:34;	Bright;	;	39.0;	93;	53Bet	Peg	;	2.52;	3100;	occ;	78;	0;	44800
4;	2978.5;	24-SEP-2010	20:22:23;	Bright;	;	41.0;	74;	11Bet	Cas	;	2.27;	6600;	occ;	82;	0;	44800
5;	3071.1;	24-SEP-2010	20:23:55;	Bright;	;	42.0;	76;	27Gam	Cas	;	2.30;	30000;	occ;	84;	0;	44800
6;	4498.7;	24-SEP-2010	20:47:43;	Bright;	;	51.0;	24;	66Alp	Gem	;	1.58;	10200;	occ;	102;	0;	44800

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1;	-953.9;	24-SEP-2010	20:57:26;	Dark	;	73.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	146;	0;	44800
2;	-516.9;	24-SEP-2010	21:04:43;	Dark	;	45.0;	132;	15Rho	Pup	;	2.80;	6900;	occ;	90;	0;	44800
3;	-321.7;	24-SEP-2010	21:07:59;	Dark	;	43.0;	88;	31Eta	CMA	;	2.45;	20000;	occ;	86;	0;	44800
4;	-235.2;	24-SEP-2010	21:09:25;	Dark	;	50.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	100;	0;	44800
5;	-105.9;	24-SEP-2010	21:11:34;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44800
6;	171.0;	24-SEP-2010	21:16:11;	Dark	;	56.5;	108;	Alp	Col	;	2.65;	15200;	occ;	113;	0;	44801
7;	842.9;	24-SEP-2010	21:27:23;	Dark	;	53.0;	157;	The1Eri		;	2.91;	9300;	occ;	106;	0;	44801
8;	1544.9;	24-SEP-2010	21:39:05;	Dark	;	55.0;	52;	16Bet	Cet	;	2.04;	4500;	occ;	110;	0;	44801
9;	2166.6;	24-SEP-2010	21:49:27;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44801

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10; 2389.9; 24-SEP-2010 21:53:10; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;44801
11; 2978.1; 24-SEP-2010 22:02:58; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44801
12; 3070.6; 24-SEP-2010 22:04:31; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;44801
13; 4498.8; 24-SEP-2010 22:28:19; Bright; 52.5; 24; 66Alp Gem ; 1.58; 10200;occ; 105; 0;44801
14; 5082.6; 24-SEP-2010 22:38:03; Dark ; 61.5; 8; 10Alp CMi ; 0.40; 6500;occ; 123; 0;44801
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 1; -320.9; 24-SEP-2010 22:48:35; Dark ; 45.0; 88; 31Eta CMA ; 2.45; 20000;occ; 90; 0;44801
 2; -234.4; 24-SEP-2010 22:50:02; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;44801
 3; -105.2; 24-SEP-2010 22:52:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44801
 4; 172.6; 24-SEP-2010 22:56:49; Dark ; 53.0; 108; Alp Col ; 2.65; 15200;occ; 106; 0;44802
 5; 843.7; 24-SEP-2010 23:08:00; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44802
 6; 1544.9; 24-SEP-2010 23:19:41; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44802
 7; 2210.3; 24-SEP-2010 23:30:46; Bright; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;44802
 8; 2389.7; 24-SEP-2010 23:33:46; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;44802
 9; 2977.7; 24-SEP-2010 23:43:34; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44802
10; 3070.2; 24-SEP-2010 23:45:06; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44802
11; 4498.9; 25-SEP-2010 00:08:55; Bright; 71.0; 24; 66Alp Gem ; 1.58; 10200;occ; 142; 0;44802
12; 5083.3; 25-SEP-2010 00:18:39; Dark ; 58.5; 8; 10Alp CMi ; 0.40; 6500;occ; 117; 0;44802
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 2; -960.0; 24-SEP-2010 07:32:33; Dark ; 67.0; 8; 10Alp CMi ; 0.40; 6500;occ; 134; 0;44792
 3; -522.2; 24-SEP-2010 07:39:51; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44792
 4; -341.9; 24-SEP-2010 07:42:51; Dark ; 36.0; 1; 9Alp CMA ; -1.44; 11000;occ; 72; 0;44792
 5; -243.9; 24-SEP-2010 07:44:29; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;44792
 6; -111.1; 24-SEP-2010 07:46:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44792
 7; 16.1; 24-SEP-2010 07:48:49; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44793
 8; 159.9; 24-SEP-2010 07:51:13; Dark ; 54.5; 108; Alp Col ; 2.65; 15200;occ; 109; 0;44793
 9; 836.4; 24-SEP-2010 08:02:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44793
10; 1543.9; 24-SEP-2010 08:14:17; Dark ; 55.0; 52; 16Bet Cet ; 2.04; 4500;occ; 110; 0;44793
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 1; 2167.1; 24-SEP-2010 08:24:40; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44793
 2; 2391.0; 24-SEP-2010 08:28:24; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44793
 3; 2471.0; 24-SEP-2010 08:29:44; Bright; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;44793
 4; 2981.1; 24-SEP-2010 08:38:14; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;44793
 5; 3074.6; 24-SEP-2010 08:39:47; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44793
 6; 4497.9; 24-SEP-2010 09:03:31; Bright; 49.5; 24; 66Alp Gem ; 1.58; 10200;occ; 99; 0;44793
 7; 5076.7; 24-SEP-2010 09:13:10; Dark ; 58.5; 8; 10Alp CMi ; 0.40; 6500;occ; 117; 0;44793
 8; 5514.5; 24-SEP-2010 09:20:27; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44793
 9; 5695.5; 24-SEP-2010 09:23:28; Dark ; 36.0; 1; 9Alp CMA ; -1.44; 11000;occ; 72; 0;44793
10; 5793.1; 24-SEP-2010 09:25:06; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;44793
11; 5925.5; 24-SEP-2010 09:27:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44793
12; 6052.7; 24-SEP-2010 09:29:26; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;44794
13; 6197.1; 24-SEP-2010 09:31:50; Dark ; 56.0; 108; Alp Col ; 2.65; 15200;occ; 112; 0;44794
14; 6873.2; 24-SEP-2010 09:43:06; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44794
15; 7579.9; 24-SEP-2010 09:54:53; Dark ; 53.5; 52; 16Bet Cet ; 2.04; 4500;occ; 107; 0;44794
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 1; 2167.1; 24-SEP-2010 10:05:16; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44794
 2; 2390.8; 24-SEP-2010 10:09:00; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;44794
 3; 2470.6; 24-SEP-2010 10:10:19; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;44794
 4; 2980.6; 24-SEP-2010 10:18:49; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44794
 5; 3074.0; 24-SEP-2010 10:20:23; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44794
 6; 4498.1; 24-SEP-2010 10:44:07; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44794
 7; 5077.4; 24-SEP-2010 10:53:46; Dark ; 61.0; 8; 10Alp CMi ; 0.40; 6500;occ; 122; 0;44794
 8; 5515.2; 24-SEP-2010 11:01:04; Dark ; 41.5; 132; 15Rho Pup ; 2.80; 6900;occ; 83; 0;44794
 9; 5696.9; 24-SEP-2010 11:04:06; Dark ; 30.0; 1; 9Alp CMA ; -1.44; 11000;occ; 60; 0;44794
10; 5794.3; 24-SEP-2010 11:05:43; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;44794
11; 5926.1; 24-SEP-2010 11:07:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44794
12; 6053.3; 24-SEP-2010 11:10:02; Dark ; 43.0; 161; Tau Pup ; 2.93; 4500;occ; 86; 0;44795
13; 6198.6; 24-SEP-2010 11:12:27; Dark ; 55.0; 108; Alp Col ; 2.65; 15200;occ; 110; 0;44795
14; 6873.9; 24-SEP-2010 11:23:43; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44795
15; 7579.9; 24-SEP-2010 11:35:29; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44795
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 2; 2390.8; 24-SEP-2010 11:49:35; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44795
 3; 2470.0; 24-SEP-2010 11:50:55; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;44795
 4; 2980.2; 24-SEP-2010 11:59:25; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44795
 5; 3073.6; 24-SEP-2010 12:00:58; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;44795
 6; 4498.1; 24-SEP-2010 12:24:43; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44795

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7; 5078.1; 24-SEP-2010 12:34:23; Dark ; 68.0; 8; 10Alp CMI ; 0.40; 6500;occ; 136; 0;44795
8; 5515.9; 24-SEP-2010 12:41:41; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44795
9; 5698.3; 24-SEP-2010 12:44:43; Dark ; 30.0; 1; 9Alp CMA ; -1.44; 11000;occ; 60; 0;44795
10; 5795.3; 24-SEP-2010 12:46:20; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;44795
11; 5926.7; 24-SEP-2010 12:48:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44795
12; 6053.9; 24-SEP-2010 12:50:39; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44796
13; 6199.9; 24-SEP-2010 12:53:05; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 0;44796
14; 6874.8; 24-SEP-2010 13:04:19; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44796
15; 7580.2; 24-SEP-2010 13:16:05; Dark ; 54.5; 52; 16Bet Cet ; 2.04; 4500;occ; 109; 0;44796
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2; 2167.1; 24-SEP-2010 13:26:28; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;44796
3; 2980.0; 24-SEP-2010 13:40:00; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44796
4; 3073.1; 24-SEP-2010 13:41:34; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44796
5; 4498.3; 24-SEP-2010 14:05:19; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44796
6; 5078.9; 24-SEP-2010 14:14:59; Dark ; 68.5; 8; 10Alp CMI ; 0.40; 6500;occ; 137; 0;44796
7; 5516.5; 24-SEP-2010 14:22:17; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44796
8; 5710.7; 24-SEP-2010 14:25:31; Dark ; 46.0; 88; 31Eta CMA ; 2.45; 20000;occ; 92; 0;44796
9; 5796.5; 24-SEP-2010 14:26:57; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;44796
10; 5927.4; 24-SEP-2010 14:29:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44796
11; 6054.7; 24-SEP-2010 14:31:15; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;44797
12; 6201.5; 24-SEP-2010 14:33:42; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 0;44797
13; 6875.8; 24-SEP-2010 14:44:56; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44797
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1; 1544.4; 24-SEP-2010 14:56:41; Dark ; 52.0; 52; 16Bet Cet ; 2.04; 4500;occ; 104; 0;44797
2; 2167.1; 24-SEP-2010 15:07:03; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44797
3; 2979.8; 24-SEP-2010 15:20:36; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;44797
4; 3072.8; 24-SEP-2010 15:22:09; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;44797
5; 4498.5; 24-SEP-2010 15:45:55; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44797
6; 5079.8; 24-SEP-2010 15:55:36; Dark ; 71.5; 8; 10Alp CMI ; 0.40; 6500;occ; 143; 0;44797
7; 5517.2; 24-SEP-2010 16:02:54; Dark ; 46.0; 132; 15Rho Pup ; 2.80; 6900;occ; 92; 0;44797
8; 5711.6; 24-SEP-2010 16:06:08; Dark ; 44.5; 88; 31Eta CMA ; 2.45; 20000;occ; 89; 0;44797
9; 5797.6; 24-SEP-2010 16:07:34; Dark ; 60.0; 23; 21Eps CMA ; 1.50; 26000;occ; 120; 0;44797
10; 5928.2; 24-SEP-2010 16:09:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44797
11; 6055.4; 24-SEP-2010 16:11:52; Dark ; 44.0; 161; Tau Pup ; 2.93; 4500;occ; 88; 0;44798
12; 6203.1; 24-SEP-2010 16:14:19; Dark ; 54.5; 108; Alp Col ; 2.65; 15200;occ; 109; 0;44798
13; 6876.6; 24-SEP-2010 16:25:33; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44798
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2; 2167.0; 24-SEP-2010 16:47:39; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44798
3; 2390.4; 24-SEP-2010 16:51:23; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44798
4; 2979.2; 24-SEP-2010 17:01:12; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44798
5; 3072.2; 24-SEP-2010 17:02:45; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44798
6; 4498.5; 24-SEP-2010 17:26:31; Bright; 47.0; 24; 66Alp Gem ; 1.58; 10200;occ; 94; 0;44798
7; 5080.4; 24-SEP-2010 17:36:13; Dark ; 64.5; 8; 10Alp CMI ; 0.40; 6500;occ; 129; 0;44798
8; 5517.9; 24-SEP-2010 17:43:30; Dark ; 47.0; 132; 15Rho Pup ; 2.80; 6900;occ; 94; 0;44798
9; 5712.6; 24-SEP-2010 17:46:45; Dark ; 44.0; 88; 31Eta CMA ; 2.45; 20000;occ; 88; 0;44798
10; 5798.8; 24-SEP-2010 17:48:11; Dark ; 56.0; 23; 21Eps CMA ; 1.50; 26000;occ; 112; 0;44798
11; 5928.8; 24-SEP-2010 17:50:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44798
12; 6056.1; 24-SEP-2010 17:52:28; Dark ; 41.5; 161; Tau Pup ; 2.93; 4500;occ; 83; 0;44799
13; 6204.5; 24-SEP-2010 17:54:57; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 0;44799
14; 6877.4; 24-SEP-2010 18:06:10; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44799
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100924_181753_000053842093_00156_44799_2526.N1
1; 1544.7; 24-SEP-2010 18:17:53; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;44799
2; 2166.9; 24-SEP-2010 18:28:15; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44799
3; 2390.1; 24-SEP-2010 18:31:59; Bright; 37.0; 93; 53Bet Peg ; 2.52; 3100;occ; 74; 0;44799
4; 2978.8; 24-SEP-2010 18:41:47; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44799
5; 3071.7; 24-SEP-2010 18:43:20; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44799
6; 4498.7; 24-SEP-2010 19:07:07; Bright; 70.0; 24; 66Alp Gem ; 1.58; 10200;occ; 140; 0;44799
7; 5081.2; 24-SEP-2010 19:16:50; Dark ; 66.5; 8; 10Alp CMI ; 0.40; 6500;occ; 133; 0;44799
8; 5518.4; 24-SEP-2010 19:24:07; Dark ; 44.5; 132; 15Rho Pup ; 2.80; 6900;occ; 89; 0;44799
9; 5713.4; 24-SEP-2010 19:27:22; Dark ; 44.5; 88; 31Eta CMA ; 2.45; 20000;occ; 89; 0;44799
10; 5799.6; 24-SEP-2010 19:28:48; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;44799
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12; 6056.7; 24-SEP-2010 19:33:05; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44800
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2; 2194.2; 28-SEP-2010 16:22:14; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44855
3; 2446.7; 28-SEP-2010 16:26:26; Bright; 40.5; 58; 21Alp And ; 2.07; 11000;occ; 81; 0;44855
4; 2687.9; 28-SEP-2010 16:30:28; Bright; 52.0; 53; 43Bet And ; 2.05; 3300;occ; 104; 0;44855
5; 2961.3; 28-SEP-2010 16:35:01; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;44855
6; 3046.8; 28-SEP-2010 16:36:26; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;44855
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8; 5128.1; 28-SEP-2010 17:11:08; Dark ; 65.0; 8; 10Alp CMi ; 0.40; 6500;occ; 130; 0;44855
9; 5558.0; 28-SEP-2010 17:18:18; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44855
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12; 5967.9; 28-SEP-2010 17:25:08; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44855
13; 6095.8; 28-SEP-2010 17:27:16; Dark ; 50.0; 161; Tau Pup ; 2.93; 4500;occ; 100; 0;44856
14; 6179.8; 28-SEP-2010 17:28:40; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 0;44856
15; 6287.4; 28-SEP-2010 17:30:27; Dark ; 51.0; 108; Alp Col ; 2.65; 15200;occ; 102; 0;44856
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4; 2687.0; 28-SEP-2010 18:11:03; Bright; 48.5; 53; 43Bet And ; 2.05; 3300;occ; 97; 0;44856
5; 2960.8; 28-SEP-2010 18:15:37; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44856
6; 3046.3; 28-SEP-2010 18:17:02; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44856
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8; 5129.0; 28-SEP-2010 18:51:45; Dark ; 65.5; 8; 10Alp CMi ; 0.40; 6500;occ; 131; 0;44856
9; 5558.6; 28-SEP-2010 18:58:54; Dark ; 45.0; 132; 15Rho Pup ; 2.80; 6900;occ; 90; 0;44856
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11; 5864.1; 28-SEP-2010 19:04:00; Dark ; 58.5; 23; 21Eps CMA ; 1.50; 26000;occ; 117; 0;44856
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3; 2445.9; 28-SEP-2010 19:47:38; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;44857
4; 2686.2; 28-SEP-2010 19:51:38; Bright; 51.5; 53; 43Bet And ; 2.05; 3300;occ; 103; 0;44857
5; 2960.7; 28-SEP-2010 19:56:12; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44857
6; 3045.9; 28-SEP-2010 19:57:38; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44857
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5; 146.9; 29-SEP-2010 00:11:06; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;44860
6; 257.3; 29-SEP-2010 00:12:57; Dark ; 46.0; 108; Alp Col ; 2.65; 15200;occ; 92; 0;44860
7; 890.8; 29-SEP-2010 00:23:30; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44860
8; 1553.0; 29-SEP-2010 00:34:32; Dark ; 50.5; 52; 16Bet Cet ; 2.04; 4500;occ; 101; 0;44860
9; 2192.8; 29-SEP-2010 00:45:12; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44860
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 6; 147.6; 29-SEP-2010 01:51:43; Dark ; 45.5; 2; Alp Car ;-0.74; 7000;occ; 91; 0;44861
 7; 258.7; 29-SEP-2010 01:53:34; Dark ; 46.0; 108; Alp Col ; 2.65; 15200;occ; 92; 0;44861
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13; 2959.4; 29-SEP-2010 02:38:35; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44861
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15; 2959.3; 29-SEP-2010 04:19:10; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44862
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11; 893.2; 29-SEP-2010 05:25:20; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44863
12; 1553.4; 29-SEP-2010 05:36:20; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;44863
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16; 2959.0; 29-SEP-2010 05:59:46; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44863
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10; 7591.3; 30-SEP-2010 05:04:45; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44877
11; 8224.9; 30-SEP-2010 05:15:19; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;44877
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7; 904.6; 30-SEP-2010 06:34:30; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44878
8; 1555.6; 30-SEP-2010 06:45:21; Dark ; 52.0; 52; 16Bet Cet ; 2.04; 4500;occ; 104; 0;44878
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3; 2436.6; 30-SEP-2010 20:24:50; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;44886
4; 2664.5; 30-SEP-2010 20:28:38; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44886
5; 2952.7; 30-SEP-2010 20:33:26; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44886
6; 3033.8; 30-SEP-2010 20:34:47; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;44886
7; 4511.6; 30-SEP-2010 20:59:25; Bright; 46.0; 24; 66Alp Gem ; 1.58; 10200;occ; 92; 0;44886
8; 4599.6; 30-SEP-2010 21:00:53; Bright; 63.5; 17; 78Bet Gem ; 1.16; 4500;occ; 127; 0;44886
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6; 297.6; 30-SEP-2010 21:29:47; Dark ; 58.0; 108; Alp Col ; 2.65; 15200;occ; 116; 0;44887
7; 911.4; 30-SEP-2010 21:40:01; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44887
8; 1556.4; 30-SEP-2010 21:50:46; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;44887
9; 2186.4; 30-SEP-2010 22:01:16; Bright; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;44887
10; 2436.3; 30-SEP-2010 22:05:26; Bright; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;44887
11; 2663.7; 30-SEP-2010 22:09:13; Bright; 45.5; 53; 43Bet And ; 2.05; 3300;occ; 91; 0;44887
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5; 299.1; 30-SEP-2010 23:10:24; Dark ; 58.0; 108; Alp Col ; 2.65; 15200;occ; 116; 0;44888
6; 912.0; 30-SEP-2010 23:20:37; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44888
7; 1556.5; 30-SEP-2010 23:31:22; Dark ; 56.0; 52; 16Bet Cet ; 2.04; 4500;occ; 112; 0;44888
8; 2185.9; 30-SEP-2010 23:41:51; Bright; 41.0; 140; 88Gam Peg ; 2.83; 26000;occ; 82; 0;44888
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11; 2952.1; 30-SEP-2010 23:54:37; Bright; 36.0; 74; 11Bet Cas ; 2.27; 6600;occ; 72; 0;44888
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13; 4511.8; 01-OCT-2010 00:20:37; Bright; 39.0; 24; 66Alp Gem ; 1.58; 10200;occ; 78; 0;44888
14; 4600.1; 01-OCT-2010 00:22:05; Bright; 77.0; 17; 78Bet Gem ; 1.16; 4500;occ; 154; 0;44888
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4; -131.7; 30-SEP-2010 07:57:50; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;44878
5; -51.5; 30-SEP-2010 07:59:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44878
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2; 287.2; 30-SEP-2010 09:45:25; Dark ; 59.0; 108; Alp Col ; 2.65; 15200;occ; 118; 0;44880
3; 906.2; 30-SEP-2010 09:55:44; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44880
4; 1556.0; 30-SEP-2010 10:06:34; Dark ; 49.5; 52; 16Bet Cet ; 2.04; 4500;occ; 99; 0;44880
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5; 3036.1; 30-SEP-2010 12:11:50; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44881
6; 4510.9; 30-SEP-2010 12:36:24; Bright; 57.5; 24; 66Alp Gem ; 1.58; 10200;occ; 115; 0;44881
7; 4598.3; 30-SEP-2010 12:37:52; Bright; 59.0; 17; 78Bet Gem ; 1.16; 4500;occ; 118; 0;44881
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9; 5577.9; 30-SEP-2010 12:54:12; Dark ; 46.5; 132; 15Rho Pup ; 2.80; 6900;occ; 93; 0;44881
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4; 2667.4; 30-SEP-2010 13:46:17; Bright; 50.0; 53; 43Bet And ; 2.05; 3300;occ; 100; 0;44882
5; 2953.9; 30-SEP-2010 13:51:03; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44882
6; 3035.6; 30-SEP-2010 13:52:25; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;44882
7; 4511.0; 30-SEP-2010 14:17:00; Bright; 55.5; 24; 66Alp Gem ; 1.58; 10200;occ; 111; 0;44882
8; 4598.6; 30-SEP-2010 14:18:28; Bright; 69.5; 17; 78Bet Gem ; 1.16; 4500;occ; 139; 0;44882
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6; 3035.4; 30-SEP-2010 15:33:01; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;44883
7; 4511.2; 30-SEP-2010 15:57:37; Bright; 58.0; 24; 66Alp Gem ; 1.58; 10200;occ; 116; 0;44883
8; 4598.8; 30-SEP-2010 15:59:04; Bright; 65.5; 17; 78Bet Gem ; 1.16; 4500;occ; 131; 0;44883
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14; 6329.2; 30-SEP-2010 16:27:55; Dark ; 60.0; 108; Alp Col ; 2.65; 15200;occ; 120; 0;44884
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5; 2953.3; 30-SEP-2010 17:12:15; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44884
6; 3034.9; 30-SEP-2010 17:13:36; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;44884
7; 4511.5; 30-SEP-2010 17:38:13; Bright; 53.0; 24; 66Alp Gem ; 1.58; 10200;occ; 106; 0;44884
8; 4599.2; 30-SEP-2010 17:39:41; Bright; 57.5; 17; 78Bet Gem ; 1.16; 4500;occ; 115; 0;44884
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13; 6201.4; 30-SEP-2010 18:06:23; Dark ; 46.0; 2; Alp Car ;-0.74; 7000;occ; 92; 0;44885
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4; 2665.2; 30-SEP-2010 18:48:03; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44885
5; 2952.9; 30-SEP-2010 18:52:50; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44885

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8;	4599.5;	30-SEP-2010	19:20:17;	Bright;	62.5;	17;	78Bet Gem	;	1.16;	4500;occ;	125;	0;44885	
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