

GOMOS Daily Report 09-AUG-2011

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	12AUG2011 07:06:23
Data source version	GOMOS/6.01
Start time of products	09AUG2011 00:02:58
Stop time of products	09AUG2011 23:58:46
Store outputs in DB	Yes
Nb of level 1b prods	305
Nb of prods with errors	1

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

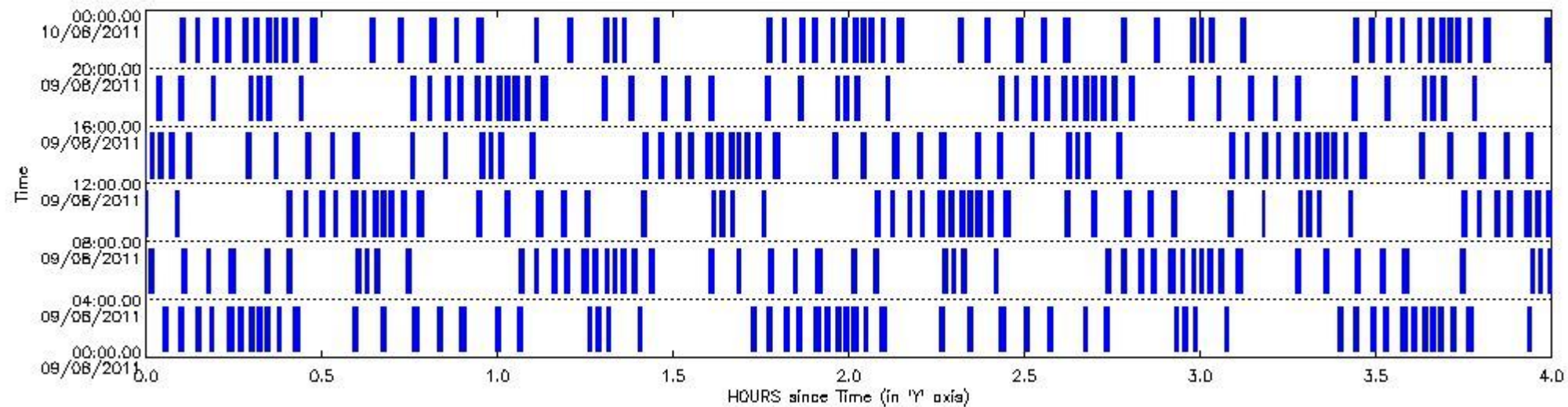
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

No missing products.

2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110809_000258_000000463105_00217_49369_2777.N1	09-AUG-2011 00:02:58	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49369	No
2	GOM_TRA_1PNPDE20110809_000538_000000363105_00217_49369_2778.N1	09-AUG-2011 00:05:38	Bright	36.000	107	37The Aur	2.6490	11000.	72	49369	No
3	GOM_TRA_1PNPDE20110809_000834_000000473105_00217_49369_2779.N1	09-AUG-2011 00:08:34	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	49369	No
4	GOM_TRA_1PNPDE20110809_001046_000000453105_00217_49369_2780.N1	09-AUG-2011 00:10:46	Twilight_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49369	No
5	GOM_TRA_1PNPDE20110809_001342_000000663105_00217_49369_2781.N1	09-AUG-2011 00:13:42	Dark	65.500	13	87Alp Tau	0.86700	3800.0	131	49369	No
6	GOM_TRA_1PNPDE20110809_001536_000000493105_00217_49369_2782.N1	09-AUG-2011 00:15:36	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	49369	No
7	GOM_TRA_1PNPDE20110809_001731_000000473105_00217_49369_2783.N1	09-AUG-2011 00:17:31	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49369	No
8	GOM_TRA_1PNPDE20110809_001854_000000453105_00217_49369_2784.N1	09-AUG-2011 00:18:54	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49369	No
9	GOM_TRA_1PNPDE20110809_002015_000000533105_00217_49369_2785.N1	09-AUG-2011 00:20:15	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49369	No
10	GOM_TRA_1PNPDE20110809_002216_000000453105_00217_49369_2790.N1	09-AUG-2011 00:22:16	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49369	No
11	GOM_TRA_1PNPDE20110809_003515_000000513105_00218_49370_2791.N1	09-AUG-2011 00:35:15	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49370	No
12	GOM_TRA_1PNPDE20110809_004002_000000483105_00218_49370_2792.N1	09-AUG-2011 00:40:02	Dark	47.500	9	Alp Eri	0.45300	24000.	95	49370	No

13	GOM_TRA_1PNPDE20110809_004527_000000633105_00218_49370_2793.N1	09-AUG-2011 00:45:27	Straylight	62.500	84	Alp Phe	2.3970	4500.0	125	49370	No
14	GOM_TRA_1PNPDE20110809_004945_000000433105_00218_49370_2794.N1	09-AUG-2011 00:49:45	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49370	No
15	GOM_TRA_1PNPDE20110809_005334_000000573105_00218_49370_2795.N1	09-AUG-2011 00:53:34	Twilight_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	49370	No
16	GOM_TRA_1PNPDE20110809_005945_000000473105_00218_49370_2796.N1	09-AUG-2011 00:59:45	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	49370	No
17	GOM_TRA_1PNPDE20110809_010326_000000473105_00218_49370_2797.N1	09-AUG-2011 01:03:26	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	49370	No
18	GOM_TRA_1PNPDE20110809_011525_000000393105_00218_49370_2798.N1	09-AUG-2011 01:15:25	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49370	No
19	GOM_TRA_1PNPDE20110809_011651_000000363105_00218_49370_2799.N1	09-AUG-2011 01:16:51	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	49370	No
20	GOM_TRA_1PNPDE20110809_011835_000000373105_00218_49370_2800.N1	09-AUG-2011 01:18:35	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	49370	No
21	GOM_TRA_1PNPDE20110809_012400_000000373105_00218_49370_2801.N1	09-AUG-2011 01:24:00	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49370	No
22	GOM_TRA_1PNPDE20110809_014311_000000593105_00218_49370_2802.N1	09-AUG-2011 01:43:11	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	49370	No
23	GOM_TRA_1PNPDE20110809_014552_000000563105_00218_49370_2803.N1	09-AUG-2011 01:45:52	Bright	56.000	107	37The Aur	2.6490	11000.	112	49370	No
24	GOM_TRA_1PNPDE20110809_014848_000000483105_00218_49370_2804.N1	09-AUG-2011 01:48:48	Twilight_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	49370	No
25	GOM_TRA_1PNPDE20110809_015100_000000453105_00218_49370_2805.N1	09-AUG-2011 01:51:00	Twilight_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49370	No
26	GOM_TRA_1PNPDE20110809_015357_000000643105_00218_49370_2806.N1	09-AUG-2011 01:53:57	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	49370	No
27	GOM_TRA_1PNPDE20110809_015550_000000493105_00218_49370_2807.N1	09-AUG-2011 01:55:50	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	49370	No
28	GOM_TRA_1PNPDE20110809_015746_000000493105_00218_49370_2808.N1	09-AUG-2011 01:57:46	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49370	No
29	GOM_TRA_1PNPDE20110809_015908_000000433105_00218_49370_2820.N1	09-AUG-2011 01:59:08	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	49370	No
30	GOM_TRA_1PNPDE20110809_020029_000000543105_00218_49370_2821.N1	09-AUG-2011 02:00:29	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	49370	No
31	GOM_TRA_1PNPDE20110809_020231_000000443105_00218_49370_2822.N1	09-AUG-2011 02:02:31	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	49370	No
32	GOM_TRA_1PNPDE20110809_021530_000000503105_00219_49371_2823.N1	09-AUG-2011 02:15:30	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49371	No
33	GOM_TRA_1PNPDE20110809_022017_000000533105_00219_49371_2824.N1	09-AUG-2011 02:20:17	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49371	No
34	GOM_TRA_1PNPDE20110809_022541_000000533105_00219_49371_2825.N1	09-AUG-2011 02:25:41	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49371	No
35	GOM_TRA_1PNPDE20110809_022959_000000443105_00219_49371_2826.N1	09-AUG-2011 02:29:59	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49371	No
36	GOM_TRA_1PNPDE20110809_023348_000000583105_00219_49371_2827.N1	09-AUG-2011 02:33:48	Twilight_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49371	No
37	GOM_TRA_1PNPDE20110809_023959_000000453105_00219_49371_2828.N1	09-AUG-2011 02:39:59	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49371	No
38	GOM_TRA_1PNPDE20110809_024340_000000463105_00219_49371_2829.N1	09-AUG-2011 02:43:40	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49371	No
39	GOM_TRA_1PNPDE20110809_025538_000000393105_00219_49371_2830.N1	09-AUG-2011 02:55:38	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49371	No
40	GOM_TRA_1PNPDE20110809_025705_000000403105_00219_49371_2831.N1	09-AUG-2011 02:57:05	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49371	No
41	GOM_TRA_1PNPDE20110809_025849_000000413105_00219_49371_2832.N1	09-AUG-2011 02:58:49	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49371	No
42	GOM_TRA_1PNPDE20110809_030413_000000383105_00219_49371_2833.N1	09-AUG-2011 03:04:13	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49371	No
43	GOM_TRA_1PNPDE20110809_032325_000000463105_00219_49371_2869.N1	09-AUG-2011 03:23:25	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49371	No
44	GOM_TRA_1PNPDE20110809_032606_000000453105_00219_49371_2870.N1	09-AUG-2011 03:26:06	Bright	45.000	107	37The Aur	2.6490	11000.	90	49371	No
45	GOM_TRA_1PNPDE20110809_032902_000000503105_00219_49371_2871.N1	09-AUG-2011 03:29:02	Twilight_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	49371	No
46	GOM_TRA_1PNPDE20110809_033115_000000443105_00219_49371_2872.N1	09-AUG-2011 03:31:15	Twilight_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	49371	No
47	GOM_TRA_1PNPDE20110809_033412_000000643105_00219_49371_2873.N1	09-AUG-2011 03:34:12	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	49371	No
48	GOM_TRA_1PNPDE20110809_033605_000000503105_00219_49371_2874.N1	09-AUG-2011 03:36:05	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	49371	No
49	GOM_TRA_1PNPDE20110809_033800_000000453105_00219_49371_2875.N1	09-AUG-2011 03:38:00	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	49371	No
50	GOM_TRA_1PNPDE20110809_033923_000000423105_00219_49371_2876.N1	09-AUG-2011 03:39:23	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	49371	No
51	GOM_TRA_1PNPDE20110809_034044_000000503105_00219_49371_2877.N1	09-AUG-2011 03:40:44	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49371	No
52	GOM_TRA_1PNPDE20110809_034245_000000443105_00219_49371_2878.N1	09-AUG-2011 03:42:45	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49371	No
53	GOM_TRA_1PNPDE20110809_035546_000000493105_00220_49372_2879.N1	09-AUG-2011 03:55:46	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49372	No
54	GOM_TRA_1PNPDE20110809_040032_000000453105_00220_49372_2880.N1	09-AUG-2011 04:00:32	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49372	No
55	GOM_TRA_1PNPDE20110809_040556_000000533105_00220_49372_2881.N1	09-AUG-2011 04:05:56	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49372	No
56	GOM_TRA_1PNPDE20110809_041014_000000433105_00220_49372_2882.N1	09-AUG-2011 04:10:14	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49372	No
57	GOM_TRA_1PNPDE20110809_041403_000000603105_00220_49372_2883.N1	09-AUG-2011 04:14:03	Twilight_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	49372	No
58	GOM_TRA_1PNPDE20110809_042013_000000473105_00220_49372_2884.N1	09-AUG-2011 04:20:13	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	49372	No
59	GOM_TRA_1PNPDE20110809_042354_000000463105_00220_49372_2885.N1	09-AUG-2011 04:23:54	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	49372	No
60	GOM_TRA_1PNPDE20110809_043552_000000413105_00220_49372_2886.N1	09-AUG-2011 04:35:52	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49372	No
61	GOM_TRA_1PNPDE20110809_043719_000000393105_00220_49372_2887.N1	09-AUG-2011 04:37:19	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49372	No
62	GOM_TRA_1PNPDE20110809_043903_000000403105_00220_49372_2888.N1	09-AUG-2011 04:39:03	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49372	No
63	GOM_TRA_1PNPDE20110809_044427_000000353105_00220_49372_2889.N1	09-AUG-2011 04:44:27	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	49372	No
64	GOM_TRA_1PNPDE20110809_050339_000000473105_00220_49372_2911.N1	09-AUG-2011 05:03:39	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49372	No
65	GOM_TRA_1PNPDE20110809_050620_000000373105_00220_49372_2912.N1	09-AUG-2011 05:06:20	Bright	36.500	107	37The Aur	2.6490	11000.	73	49372	No
66	GOM_TRA_1PNPDE20110809_050916_000000493105_00220_49372_2913.N1	09-AUG-2011 05:09:16	Twilight_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	49372	No
67	GOM_TRA_1PNPDE20110809_051129_000000423105_00220_49372_2914.N1	09-AUG-2011 05:11:29	Twilight_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49372	No
68	GOM_TRA_1PNPDE20110809_051426_000000643105_00220_49372_2915.N1	09-AUG-2011 05:14:26	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	49372	No
69	GOM_TRA_1PNPDE20110809_051619_000000443105_00220_49372_2916.N1	09-AUG-2011 05:16:19	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49372	No
70	GOM_TRA_1PNPDE20110809_051815_000000403105_00220_49372_2917.N1	09-AUG-2011 05:18:15	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	49372	No
71	GOM_TRA_1PNPDE20110809_051937_000000393105_00220_49372_2918.N1	09-AUG-2011 05:19:37	Dark	38.500	125	44Iot Ori	2.7700	30000.	77	49372	No

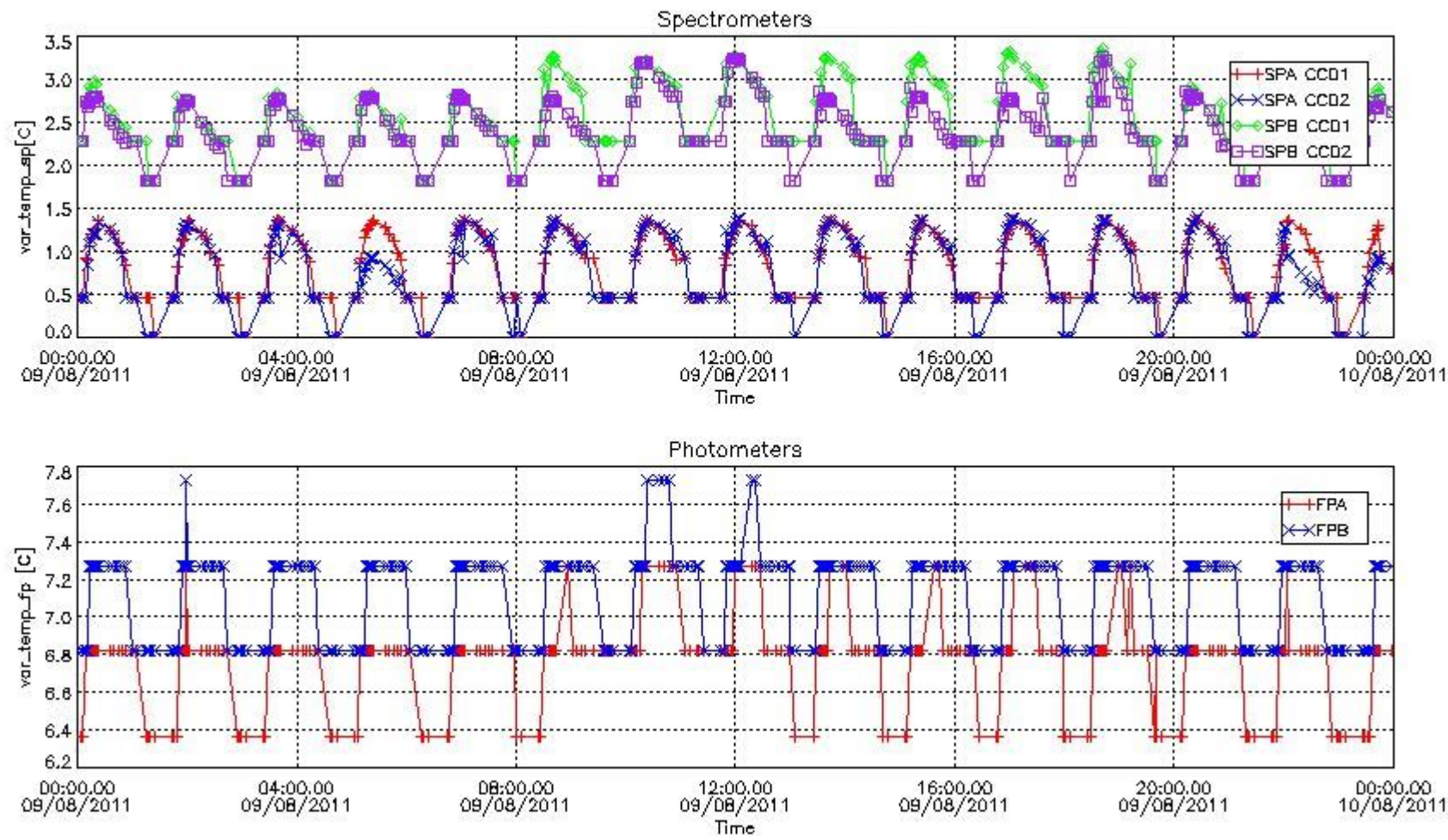
72	GOM_TRA_1PNPDE20110809_052059_000000613105_00220_49372_2919.N1	09-AUG-2011 05:20:59	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49372	No
73	GOM_TRA_1PNPDE20110809_052300_000000453105_00220_49372_2920.N1	09-AUG-2011 05:23:00	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49372	No
74	GOM_TRA_1PNPDE20110809_053601_000000503105_00221_49373_2921.N1	09-AUG-2011 05:36:01	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49373	No
75	GOM_TRA_1PNPDE20110809_054046_000000433105_00221_49373_2922.N1	09-AUG-2011 05:40:46	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49373	No
76	GOM_TRA_1PNPDE20110809_054612_000000543105_00221_49373_2923.N1	09-AUG-2011 05:46:12	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49373	No
77	GOM_TRA_1PNPDE20110809_055028_000000423105_00221_49373_2924.N1	09-AUG-2011 05:50:28	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49373	No
78	GOM_TRA_1PNPDE20110809_055417_000000603105_00221_49373_2925.N1	09-AUG-2011 05:54:17	Twilight_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	49373	No
79	GOM_TRA_1PNPDE20110809_060027_000000483105_00221_49373_2926.N1	09-AUG-2011 06:00:27	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	49373	No
80	GOM_TRA_1PNPDE20110809_060408_000000473105_00221_49373_2927.N1	09-AUG-2011 06:04:08	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	49373	No
81	GOM_TRA_1PNPDE20110809_061606_000000423105_00221_49373_2928.N1	09-AUG-2011 06:16:06	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	49373	No
82	GOM_TRA_1PNPDE20110809_061733_000000393105_00221_49373_2929.N1	09-AUG-2011 06:17:33	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49373	No
83	GOM_TRA_1PNPDE20110809_061917_000000413105_00221_49373_2930.N1	09-AUG-2011 06:19:17	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49373	No
84	GOM_TRA_1PNPDE20110809_062441_000000393105_00221_49373_2931.N1	09-AUG-2011 06:24:41	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49373	No
85	GOM_TRA_1PNPDK20110809_064353_000000463105_00221_49373_7972.N1	09-AUG-2011 06:43:53	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49373	No
86	GOM_TRA_1PNPDK20110809_064634_000000373105_00221_49373_7973.N1	09-AUG-2011 06:46:34	Bright	37.000	107	37The Aur	2.6490	11000.	74	49373	No
87	GOM_TRA_1PNPDK20110809_064930_000000493105_00221_49373_7974.N1	09-AUG-2011 06:49:30	Twilight_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	49373	No
88	GOM_TRA_1PNPDK20110809_065143_000000453105_00221_49373_7975.N1	09-AUG-2011 06:51:43	Twilight_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49373	No
89	GOM_TRA_1PNPDK20110809_065441_000000603105_00221_49373_7976.N1	09-AUG-2011 06:54:41	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	49373	No
90	GOM_TRA_1PNPDK20110809_065634_000000403105_00221_49373_7977.N1	09-AUG-2011 06:56:34	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	49373	No
91	GOM_TRA_1PNPDK20110809_065829_000000403105_00221_49373_7978.N1	09-AUG-2011 06:58:29	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	49373	No
92	GOM_TRA_1PNPDK20110809_065952_000000403105_00221_49373_7979.N1	09-AUG-2011 06:59:52	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	49373	No
93	GOM_TRA_1PNPDK20110809_070113_000000553105_00221_49373_7980.N1	09-AUG-2011 07:01:13	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49373	No
94	GOM_TRA_1PNPDK20110809_070314_000000443105_00221_49373_7981.N1	09-AUG-2011 07:03:14	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49373	No
95	GOM_TRA_1PNPDK20110809_071616_000000493105_00222_49374_7982.N1	09-AUG-2011 07:16:16	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49374	No
96	GOM_TRA_1PNPDK20110809_072101_000000543105_00222_49374_7983.N1	09-AUG-2011 07:21:01	Dark	54.000	9	Alp Eri	0.45300	24000.	108	49374	No
97	GOM_TRA_1PNPDK20110809_072626_000000533105_00222_49374_7984.N1	09-AUG-2011 07:26:26	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49374	No
98	GOM_TRA_1PNPDK20110809_073043_000000433105_00222_49374_7985.N1	09-AUG-2011 07:30:43	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49374	No
99	GOM_TRA_1PNPDK20110809_073432_000000633105_00222_49374_7986.N1	09-AUG-2011 07:34:32	Twilight_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	49374	No
100	GOM_TRA_1PNPDK20110809_074422_000000463105_00222_49374_8021.N1	09-AUG-2011 07:44:22	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	49374	No
101	GOM_TRA_1PNPDK20110809_075620_000000393105_00222_49374_8022.N1	09-AUG-2011 07:56:20	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49374	No
102	GOM_TRA_1PNPDK20110809_075747_000000393105_00222_49374_8023.N1	09-AUG-2011 07:57:47	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49374	No
103	GOM_TRA_1PNPDK20110809_075930_000000413105_00222_49374_8024.N1	09-AUG-2011 07:59:30	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49374	No
104	GOM_TRA_1PNPDK20110809_080454_000000403105_00222_49374_8025.N1	09-AUG-2011 08:04:54	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49374	No
105	GOM_TRA_1PNPDK20110809_082407_000000463105_00222_49374_8026.N1	09-AUG-2011 08:24:07	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49374	No
106	GOM_TRA_1PNPDK20110809_082648_000000373105_00222_49374_8027.N1	09-AUG-2011 08:26:48	Bright	37.000	107	37The Aur	2.6490	11000.	74	49374	No
107	GOM_TRA_1PNPDK20110809_082944_000000493105_00222_49374_8028.N1	09-AUG-2011 08:29:44	Twilight_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	49374	No
108	GOM_TRA_1PNPDK20110809_083158_000000423105_00222_49374_8029.N1	09-AUG-2011 08:31:58	Twilight_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49374	No
109	GOM_TRA_1PNPDK20110809_083455_000000683105_00222_49374_8030.N1	09-AUG-2011 08:34:55	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	49374	No
110	GOM_TRA_1PNPDK20110809_083648_000000423105_00222_49374_8031.N1	09-AUG-2011 08:36:48	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	49374	No
111	GOM_TRA_1PNPDK20110809_083844_000000413105_00222_49374_8032.N1	09-AUG-2011 08:38:44	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	49374	No
112	GOM_TRA_1PNPDK20110809_084006_000000443105_00222_49374_8033.N1	09-AUG-2011 08:40:06	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49374	No
113	GOM_TRA_1PNPDK20110809_084128_000000523105_00222_49374_8034.N1	09-AUG-2011 08:41:28	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49374	No
114	GOM_TRA_1PNPDK20110809_084329_000000453105_00222_49374_8035.N1	09-AUG-2011 08:43:29	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49374	No
115	GOM_TRA_1PNPDK20110809_085631_000000493105_00223_49375_8036.N1	09-AUG-2011 08:56:31	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49375	No
116	GOM_TRA_1PNPDK20110809_090116_000000443105_00223_49375_8037.N1	09-AUG-2011 09:01:16	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49375	No
117	GOM_TRA_1PNPDK20110809_090641_000000533105_00223_49375_8038.N1	09-AUG-2011 09:06:41	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49375	No
118	GOM_TRA_1PNPDK20110809_091057_000000453105_00223_49375_8039.N1	09-AUG-2011 09:10:57	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49375	No
119	GOM_TRA_1PNPDK20110809_091446_000000593105_00223_49375_8040.N1	09-AUG-2011 09:14:46	Twilight_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	49375	No
120	GOM_TRA_1PNPDK20110809_092436_000000463105_00223_49375_8055.N1	09-AUG-2011 09:24:36	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49375	No
121	GOM_TRA_1PNPDK20110809_093633_000000413105_00223_49375_8056.N1	09-AUG-2011 09:36:33	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49375	No
122	GOM_TRA_1PNPDK20110809_093800_000000383105_00223_49375_8057.N1	09-AUG-2011 09:38:00	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49375	No
123	GOM_TRA_1PNPDK20110809_093944_000000423105_00223_49375_8058.N1	09-AUG-2011 09:39:44	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	49375	No
124	GOM_TRA_1PNPDK20110809_094508_000000383105_00223_49375_8059.N1	09-AUG-2011 09:45:08	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49375	No
125	GOM_TRA_1PNPDK20110809_100421_000000473105_00223_49375_8060.N1	09-AUG-2011 10:04:21	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49375	No
126	GOM_TRA_1PNPDK20110809_100702_000000373105_00223_49375_8061.N1	09-AUG-2011 10:07:02	Bright	37.000	107	37The Aur	2.6490	11000.	74	49375	No
127	GOM_TRA_1PNPDK20110809_100959_000000463105_00223_49375_8062.N1	09-AUG-2011 10:09:59	Twilight_and_stray	46.000	28	12Bet Tau	1.6500	15200.	92	49375	No
128	GOM_TRA_1PNPDK20110809_101212_000000403105_00223_49375_8063.N1	09-AUG-2011 10:12:12	Twilight_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	49375	No
129	GOM_TRA_1PNPDK20110809_101510_000000683105_00223_49375_8064.N1	09-AUG-2011 10:15:10	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	49375	No
130	GOM_TRA_1PNPDK20110809_101703_000000473105_00223_49375_8065.N1	09-AUG-2011 10:17:03	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	49375	No

131	GOM_TRA_1PNPDK20110809_101858_000000473105_00223_49375_8066.N1	09-AUG-2011 10:18:58	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49375	No
132	GOM_TRA_1PNPDK20110809_102021_000000433105_00223_49375_8067.N1	09-AUG-2011 10:20:21	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49375	No
133	GOM_TRA_1PNPDK20110809_102143_000000523105_00223_49375_8068.N1	09-AUG-2011 10:21:43	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49375	No
134	GOM_TRA_1PNPDK20110809_102343_000000463105_00223_49375_8069.N1	09-AUG-2011 10:23:43	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49375	No
135	GOM_TRA_1PNPDK20110809_103646_000000503105_00224_49376_8070.N1	09-AUG-2011 10:36:46	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49376	No
136	GOM_TRA_1PNPDK20110809_104130_000000433105_00224_49376_8071.N1	09-AUG-2011 10:41:30	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49376	No
137	GOM_TRA_1PNPDK20110809_104656_000000643105_00224_49376_8072.N1	09-AUG-2011 10:46:56	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	49376	No
138	GOM_TRA_1PNPDK20110809_105111_000000443105_00224_49376_8073.N1	09-AUG-2011 10:51:11	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49376	No
139	GOM_TRA_1PNPDK20110809_105501_000000603105_00224_49376_8074.N1	09-AUG-2011 10:55:01	Tw_i_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	49376	No
140	GOM_TRA_1PNPDK20110809_110450_000000463105_00224_49376_8094.N1	09-AUG-2011 11:04:50	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	49376	No
141	GOM_TRA_1PNPDK20110809_111030_000000293105_00224_49376_8095.N1	09-AUG-2011 11:10:30	Tw_i_and_stray	29.000	61	8Eps Peg	2.1000	3900.0	58	49376	No
142	GOM_TRA_1PNPDK20110809_111647_000000393105_00224_49376_8096.N1	09-AUG-2011 11:16:47	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49376	No
143	GOM_TRA_1PNPDK20110809_111814_000000393105_00224_49376_8097.N1	09-AUG-2011 11:18:14	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49376	No
144	GOM_TRA_1PNPDK20110809_111958_000000423105_00224_49376_8098.N1	09-AUG-2011 11:19:58	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	49376	No
145	GOM_TRA_1PNPDK20110809_112522_000000403105_00224_49376_8099.N1	09-AUG-2011 11:25:22	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49376	No
146	GOM_TRA_1PNPDK20110809_114435_000000453105_00224_49376_8100.N1	09-AUG-2011 11:44:35	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	49376	No
147	GOM_TRA_1PNPDK20110809_114717_000000373105_00224_49376_8101.N1	09-AUG-2011 11:47:17	Bright	37.000	107	37The Aur	2.6490	11000.	74	49376	No
148	GOM_TRA_1PNPDK20110809_115013_000000493105_00224_49376_8102.N1	09-AUG-2011 11:50:13	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	49376	No
149	GOM_TRA_1PNPDK20110809_115226_000000423105_00224_49376_8103.N1	09-AUG-2011 11:52:26	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49376	No
150	GOM_TRA_1PNPDK20110809_115524_000000593105_00224_49376_8104.N1	09-AUG-2011 11:55:24	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	49376	No
151	GOM_TRA_1PNPDK20110809_115717_000000493105_00224_49376_8105.N1	09-AUG-2011 11:57:17	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	49376	No
152	GOM_TRA_1PNPDK20110809_115913_000000483105_00224_49376_8106.N1	09-AUG-2011 11:59:13	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49376	No
153	GOM_TRA_1PNPDK20110809_120035_000000443105_00224_49376_8107.N1	09-AUG-2011 12:00:35	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	49376	No
154	GOM_TRA_1PNPDK20110809_120157_000000513105_00224_49376_8108.N1	09-AUG-2011 12:01:57	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	49376	No
155	GOM_TRA_1PNPDK20110809_120358_000000463105_00224_49376_8109.N1	09-AUG-2011 12:03:58	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49376	No
156	GOM_TRA_1PNPDK20110809_121701_000000503105_00225_49377_8110.N1	09-AUG-2011 12:17:01	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49377	No
157	GOM_TRA_1PNPDK20110809_122145_000000443105_00225_49377_8111.N1	09-AUG-2011 12:21:45	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49377	No
158	GOM_TRA_1PNPDK20110809_122711_000000543105_00225_49377_8112.N1	09-AUG-2011 12:27:11	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49377	No
159	GOM_TRA_1PNPDK20110809_123126_000000423105_00225_49377_8113.N1	09-AUG-2011 12:31:26	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49377	No
160	GOM_TRA_1PNPDK20110809_123515_000000573105_00225_49377_8114.N1	09-AUG-2011 12:35:15	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	49377	No
161	GOM_TRA_1PNPDK20110809_124504_000000463105_00225_49377_8150.N1	09-AUG-2011 12:45:04	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	49377	No
162	GOM_TRA_1PNPDK20110809_125044_000000293105_00225_49377_8151.N1	09-AUG-2011 12:50:44	Tw_i_and_stray	29.000	61	8Eps Peg	2.1000	3900.0	58	49377	No
163	GOM_TRA_1PNPDK20110809_125701_000000393105_00225_49377_8152.N1	09-AUG-2011 12:57:01	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49377	No
164	GOM_TRA_1PNPDK20110809_125828_000000373105_00225_49377_8153.N1	09-AUG-2011 12:58:28	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49377	No
165	GOM_TRA_1PNPDK20110809_130011_000000413105_00225_49377_8154.N1	09-AUG-2011 13:00:11	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	49377	No
166	GOM_TRA_1PNPDK20110809_130535_000000403105_00225_49377_8155.N1	09-AUG-2011 13:05:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49377	No
167	GOM_TRA_1PNPDK20110809_132449_000000453105_00225_49377_8156.N1	09-AUG-2011 13:24:49	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49377	No
168	GOM_TRA_1PNPDK20110809_132730_000000413105_00225_49377_8157.N1	09-AUG-2011 13:27:30	Bright	40.500	107	37The Aur	2.6490	11000.	81	49377	No
169	GOM_TRA_1PNPDK20110809_133027_000000463105_00225_49377_8158.N1	09-AUG-2011 13:30:27	Tw_i_and_stray	45.500	28	12Bet Tau	1.6500	15200.	91	49377	No
170	GOM_TRA_1PNPDK20110809_133240_000000453105_00225_49377_8159.N1	09-AUG-2011 13:32:40	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49377	No
171	GOM_TRA_1PNPDK20110809_133539_000000593105_00225_49377_8160.N1	09-AUG-2011 13:35:39	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	49377	No
172	GOM_TRA_1PNPDK20110809_133732_000000493105_00225_49377_8161.N1	09-AUG-2011 13:37:32	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	49377	No
173	GOM_TRA_1PNPDK20110809_133927_000000473105_00225_49377_8162.N1	09-AUG-2011 13:39:27	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49377	No
174	GOM_TRA_1PNPDK20110809_134050_000000443105_00225_49377_8163.N1	09-AUG-2011 13:40:50	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	49377	No
175	GOM_TRA_1PNPDK20110809_134212_000000513105_00225_49377_8164.N1	09-AUG-2011 13:42:12	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	49377	No
176	GOM_TRA_1PNPDK20110809_134412_000000443105_00225_49377_8165.N1	09-AUG-2011 13:44:12	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49377	No
177	GOM_TRA_1PNPDK20110809_135716_000000493105_00226_49378_8166.N1	09-AUG-2011 13:57:16	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49378	No
178	GOM_TRA_1PNPDK20110809_140200_000000463105_00226_49378_8167.N1	09-AUG-2011 14:02:00	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49378	No
179	GOM_TRA_1PNPDK20110809_140726_000000553105_00226_49378_8168.N1	09-AUG-2011 14:07:26	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49378	No
180	GOM_TRA_1PNPDK20110809_141140_000000473105_00226_49378_8169.N1	09-AUG-2011 14:11:40	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49378	No
181	GOM_TRA_1PNPDK20110809_141530_000000613105_00226_49378_8170.N1	09-AUG-2011 14:15:30	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	49378	No
182	GOM_TRA_1PNPDK20110809_142138_000000473105_00226_49378_8195.N1	09-AUG-2011 14:21:38	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	49378	No
183	GOM_TRA_1PNPDK20110809_142518_000000463105_00226_49378_8196.N1	09-AUG-2011 14:25:18	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49378	No
184	GOM_TRA_1PNPDK20110809_143057_000000373105_00226_49378_8197.N1	09-AUG-2011 14:30:57	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	49378	No
185	GOM_TRA_1PNPDK20110809_143714_000000413105_00226_49378_8198.N1	09-AUG-2011 14:37:14	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49378	No
186	GOM_TRA_1PNPDK20110809_143842_000000393105_00226_49378_8199.N1	09-AUG-2011 14:38:42	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49378	No
187	GOM_TRA_1PNPDK20110809_144025_000000383105_00226_49378_8200.N1	09-AUG-2011 14:40:25	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49378	No
188	GOM_TRA_1PNPDK20110809_144549_000000403105_00226_49378_8201.N1	09-AUG-2011 14:45:49	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49378	No
189	GOM_TRA_1PNPDK20110809_150503_000000473105_00226_49378_8202.N1	09-AUG-2011 15:05:03	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49378	No

190	GOM_TRA_1PNPDK20110809_150745_000000363105_00226_49378_8203.N1	09-AUG-2011 15:07:45	Bright	36.000	107	37The Aur	2.6490	11000.	72	49378	No
191	GOM_TRA_1PNPDK20110809_151041_000000503105_00226_49378_8204.N1	09-AUG-2011 15:10:41	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	49378	No
192	GOM_TRA_1PNPDK20110809_151254_000000453105_00226_49378_8205.N1	09-AUG-2011 15:12:54	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49378	No
193	GOM_TRA_1PNPDK20110809_151553_000000513105_00226_49378_8206.N1	09-AUG-2011 15:15:53	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49378	No
194	GOM_TRA_1PNPDK20110809_151746_000000483105_00226_49378_8207.N1	09-AUG-2011 15:17:46	Dark	48.000	27	24Gam Ori	1.6360	26000.	96	49378	No
195	GOM_TRA_1PNPDK20110809_151942_000000473105_00226_49378_8208.N1	09-AUG-2011 15:19:42	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49378	No
196	GOM_TRA_1PNPDK20110809_152104_000000433105_00226_49378_8209.N1	09-AUG-2011 15:21:04	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49378	No
197	GOM_TRA_1PNPDK20110809_152226_000000513105_00226_49378_8210.N1	09-AUG-2011 15:22:26	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	49378	No
198	GOM_TRA_1PNPDK20110809_152427_000000453105_00226_49378_8211.N1	09-AUG-2011 15:24:27	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49378	No
199	GOM_TRA_1PNPDK20110809_153731_000000503105_00227_49379_8212.N1	09-AUG-2011 15:37:31	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49379	No
200	GOM_TRA_1PNPDK20110809_154214_000000443105_00227_49379_8213.N1	09-AUG-2011 15:42:14	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49379	No
201	GOM_TRA_1PNPDK20110809_154741_000000533105_00227_49379_8214.N1	09-AUG-2011 15:47:41	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49379	No
202	GOM_TRA_1PNPDK20110809_155155_000000423105_00227_49379_8215.N1	09-AUG-2011 15:51:55	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49379	No
203	GOM_TRA_1PNPDK20110809_155544_000000573105_00227_49379_8216.N1	09-AUG-2011 15:55:44	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	49379	No
204	GOM_TRA_1PNPDK20110809_160152_000000463105_00227_49379_8239.N1	09-AUG-2011 16:01:52	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49379	No
205	GOM_TRA_1PNPDK20110809_160532_000000453105_00227_49379_8240.N1	09-AUG-2011 16:05:32	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	49379	No
206	GOM_TRA_1PNPDK20110809_161110_000000373105_00227_49379_8241.N1	09-AUG-2011 16:11:10	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	49379	No
207	GOM_TRA_1PNPDK20110809_161728_000000413105_00227_49379_8242.N1	09-AUG-2011 16:17:28	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49379	No
208	GOM_TRA_1PNPDK20110809_161855_000000403105_00227_49379_8243.N1	09-AUG-2011 16:18:55	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	49379	No
209	GOM_TRA_1PNPDK20110809_162039_000000393105_00227_49379_8244.N1	09-AUG-2011 16:20:39	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49379	No
210	GOM_TRA_1PNPDK20110809_162602_000000393105_00227_49379_8245.N1	09-AUG-2011 16:26:02	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49379	No
211	GOM_TRA_1PNPDK20110809_164517_000000473105_00227_49379_8246.N1	09-AUG-2011 16:45:17	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49379	No
212	GOM_TRA_1PNPDK20110809_164759_000000363105_00227_49379_8247.N1	09-AUG-2011 16:47:59	Bright	35.500	107	37The Aur	2.6490	11000.	71	49379	No
213	GOM_TRA_1PNPDK20110809_165055_000000493105_00227_49379_8248.N1	09-AUG-2011 16:50:55	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	49379	No
214	GOM_TRA_1PNPDK20110809_165309_000000463105_00227_49379_8249.N1	09-AUG-2011 16:53:09	Tw_i_and_stray	46.000	176	23Zet Tau	3.0200	22000.	92	49379	No
215	GOM_TRA_1PNPDK20110809_165608_000000513105_00227_49379_8250.N1	09-AUG-2011 16:56:08	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49379	No
216	GOM_TRA_1PNPDK20110809_165800_000000493105_00227_49379_8251.N1	09-AUG-2011 16:58:00	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	49379	No
217	GOM_TRA_1PNPDK20110809_165956_000000453105_00227_49379_8252.N1	09-AUG-2011 16:59:56	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	49379	No
218	GOM_TRA_1PNPDK20110809_170119_000000433105_00227_49379_8253.N1	09-AUG-2011 17:01:19	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	49379	No
219	GOM_TRA_1PNPDK20110809_170241_000000523105_00227_49379_8254.N1	09-AUG-2011 17:02:41	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49379	No
220	GOM_TRA_1PNPDK20110809_170441_000000453105_00227_49379_8255.N1	09-AUG-2011 17:04:41	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49379	No
221	GOM_TRA_1PNPDK20110809_171746_000000513105_00228_49380_8256.N1	09-AUG-2011 17:17:46	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49380	No
222	GOM_TRA_1PNPDK20110809_172229_000000433105_00228_49380_8257.N1	09-AUG-2011 17:22:29	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49380	No
223	GOM_TRA_1PNPDK20110809_172756_000000573105_00228_49380_8258.N1	09-AUG-2011 17:27:56	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49380	No
224	GOM_TRA_1PNPDK20110809_173209_000000423105_00228_49380_8259.N1	09-AUG-2011 17:32:09	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49380	No
225	GOM_TRA_1PNPDK20110809_173559_000000613105_00228_49380_8279.N1	09-AUG-2011 17:35:59	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	49380	No
226	GOM_TRA_1PNPDK20110809_174546_000000463105_00228_49380_8280.N1	09-AUG-2011 17:45:46	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49380	No
227	GOM_TRA_1PNPDK20110809_175124_000000443105_00228_49380_8281.N1	09-AUG-2011 17:51:24	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	49380	No
228	GOM_TRA_1PNPDK20110809_175742_000000423105_00228_49380_8282.N1	09-AUG-2011 17:57:42	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	49380	No
229	GOM_TRA_1PNPDK20110809_175909_000000403105_00228_49380_8283.N1	09-AUG-2011 17:59:09	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	49380	No
230	GOM_TRA_1PNPDK20110809_180052_000000573105_00228_49380_8284.N1	09-AUG-2011 18:00:52	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	49380	No
231	GOM_TRA_1PNPDK20110809_180616_000000383105_00228_49380_8285.N1	09-AUG-2011 18:06:16	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49380	No
232	GOM_TRA_1PNPDK20110809_182531_000000483105_00228_49380_8286.N1	09-AUG-2011 18:25:31	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49380	No
233	GOM_TRA_1PNPDK20110809_182813_000000383105_00228_49380_8287.N1	09-AUG-2011 18:28:13	Bright	37.500	107	37The Aur	2.6490	11000.	75	49380	No
234	GOM_TRA_1PNPDK20110809_183109_000000513105_00228_49380_8288.N1	09-AUG-2011 18:31:09	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	49380	No
235	GOM_TRA_1PNPDK20110809_183323_000000453105_00228_49380_8289.N1	09-AUG-2011 18:33:23	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49380	No
236	GOM_TRA_1PNPDK20110809_183622_000000423105_00228_49380_8290.N1	09-AUG-2011 18:36:22	Dark	42.000	13	87Alp Tau	0.86700	3800.0	84	49380	No
237	GOM_TRA_1PNPDK20110809_183815_000000423105_00228_49380_8291.N1	09-AUG-2011 18:38:15	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	49380	No
238	GOM_TRA_1PNPDK20110809_184010_000000413105_00228_49380_8292.N1	09-AUG-2011 18:40:10	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	49380	No
239	GOM_TRA_1PNPDK20110809_184133_000000463105_00228_49380_8293.N1	09-AUG-2011 18:41:33	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49380	No
240	GOM_TRA_1PNPDK20110809_184256_000000523105_00228_49380_8294.N1	09-AUG-2011 18:42:56	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	49380	No
241	GOM_TRA_1PNPDK20110809_184456_000000463105_00228_49380_8295.N1	09-AUG-2011 18:44:56	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49380	No
242	GOM_TRA_1PNPDK20110809_185801_000000513105_00229_49381_8296.N1	09-AUG-2011 18:58:01	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49381	No
243	GOM_TRA_1PNPDK20110809_190244_000000443105_00229_49381_8297.N1	09-AUG-2011 19:02:44	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49381	No
244	GOM_TRA_1PNPDK20110809_190811_000000523105_00229_49381_8298.N1	09-AUG-2011 19:08:11	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49381	No
245	GOM_TRA_1PNPDK20110809_191223_000000423105_00229_49381_8322.N1	09-AUG-2011 19:12:23	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49381	No
246	GOM_TRA_1PNPDK20110809_191613_000000583105_00229_49381_8323.N1	09-AUG-2011 19:16:13	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49381	No
247	GOM_TRA_1PNPDK20110809_192600_000000443105_00229_49381_8324.N1	09-AUG-2011 19:26:00	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49381	No
248	GOM_TRA_1PNPDK20110809_193138_000000443105_00229_49381_8325.N1	09-AUG-2011 19:31:38	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	49381	No

249	GOM_TRA_1PNPDK20110809_193755_000000403105_00229_49381_8326.N1	09-AUG-2011 19:37:55	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49381	No
250	GOM_TRA_1PNPDK20110809_193923_000000393105_00229_49381_8327.N1	09-AUG-2011 19:39:23	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49381	No
251	GOM_TRA_1PNPDK20110809_194106_000000513105_00229_49381_8328.N1	09-AUG-2011 19:41:06	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	49381	No
252	GOM_TRA_1PNPDK20110809_194630_000000393105_00229_49381_8329.N1	09-AUG-2011 19:46:30	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49381	No
253	GOM_TRA_1PNPDK20110809_200545_000000453105_00229_49381_8330.N1	09-AUG-2011 20:05:45	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	49381	No
254	GOM_TRA_1PNPDK20110809_200827_000000413105_00229_49381_8331.N1	09-AUG-2011 20:08:27	Bright	41.000	107	37The Aur	2.6490	11000.	82	49381	No
255	GOM_TRA_1PNPDK20110809_201123_000000503105_00229_49381_8332.N1	09-AUG-2011 20:11:23	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	49381	No
256	GOM_TRA_1PNPDK20110809_201337_000000433105_00229_49381_8333.N1	09-AUG-2011 20:13:37	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	49381	No
257	GOM_TRA_1PNPDK20110809_201637_000000423105_00229_49381_8334.N1	09-AUG-2011 20:16:37	Dark	42.000	13	87Alp Tau	0.86700	3800.0	84	49381	No
258	GOM_TRA_1PNPDK20110809_201829_000000453105_00229_49381_8335.N1	09-AUG-2011 20:18:29	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	49381	No
259	GOM_TRA_1PNPDK20110809_202025_000000483105_00229_49381_8336.N1	09-AUG-2011 20:20:25	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49381	No
260	GOM_TRA_1PNPDK20110809_202148_000000443105_00229_49381_8337.N1	09-AUG-2011 20:21:48	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	49381	No
261	GOM_TRA_1PNPDK20110809_202310_000000533105_00229_49381_8338.N1	09-AUG-2011 20:23:10	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49381	No
262	GOM_TRA_1PNPDK20110809_202510_000000463105_00229_49381_8339.N1	09-AUG-2011 20:25:10	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49381	No
263	GOM_TRA_1PNPDK20110809_203816_000000493105_00230_49382_8340.N1	09-AUG-2011 20:38:16	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49382	No
264	GOM_TRA_1PNPDK20110809_204258_000000463105_00230_49382_8341.N1	09-AUG-2011 20:42:58	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49382	No
265	GOM_TRA_1PNPDK20110809_204826_000000643105_00230_49382_8342.N1	09-AUG-2011 20:48:26	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	49382	No
266	GOM_TRA_1PNPDE20110809_205238_000000413105_00230_49382_3066.N1	09-AUG-2011 20:52:38	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	49382	No
267	GOM_TRA_1PNPDE20110809_205628_000000553105_00230_49382_3067.N1	09-AUG-2011 20:56:28	Tw_i_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	49382	No
268	GOM_TRA_1PNPDE20110809_210614_000000463105_00230_49382_3068.N1	09-AUG-2011 21:06:14	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49382	No
269	GOM_TRA_1PNPDE20110809_211151_000000503105_00230_49382_3069.N1	09-AUG-2011 21:11:51	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	49382	No
270	GOM_TRA_1PNPDE20110809_211809_000000393105_00230_49382_3070.N1	09-AUG-2011 21:18:09	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49382	No
271	GOM_TRA_1PNPDE20110809_211937_000000403105_00230_49382_3071.N1	09-AUG-2011 21:19:37	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49382	No
272	GOM_TRA_1PNPDE20110809_212120_000000403105_00230_49382_3072.N1	09-AUG-2011 21:21:20	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49382	No
273	GOM_TRA_1PNPDE20110809_212644_000000403105_00230_49382_3073.N1	09-AUG-2011 21:26:44	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49382	No
274	GOM_TRA_1PNPDE20110809_214559_000000473105_00230_49382_3074.N1	09-AUG-2011 21:45:59	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49382	No
275	GOM_TRA_1PNPDE20110809_214841_000000373105_00230_49382_3075.N1	09-AUG-2011 21:48:41	Bright	37.000	107	37The Aur	2.6490	11000.	74	49382	No
276	GOM_TRA_1PNPDE20110809_215137_000000483105_00230_49382_3076.N1	09-AUG-2011 21:51:37	Tw_i_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	49382	No
277	GOM_TRA_1PNPDE20110809_215351_000000413105_00230_49382_3077.N1	09-AUG-2011 21:53:51	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	49382	No
278	GOM_TRA_1PNPDE20110809_215651_000000333105_00230_49382_3078.N1	09-AUG-2011 21:56:51	Dark	33.000	13	87Alp Tau	0.86700	3800.0	66	49382	No
279	GOM_TRA_1PNPDE20110809_215844_000000493105_00230_49382_3079.N1	09-AUG-2011 21:58:44	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	49382	No
280	GOM_TRA_1PNPDE20110809_220039_000000453105_00230_49382_3080.N1	09-AUG-2011 22:00:39	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	49382	No
281	GOM_TRA_1PNPDE20110809_220202_000000423105_00230_49382_3081.N1	09-AUG-2011 22:02:02	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	49382	No
282	GOM_TRA_1PNPDE20110809_220325_000000523105_00230_49382_3087.N1	09-AUG-2011 22:03:25	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	49382	Yes
283	GOM_TRA_1PNPDE20110809_220525_000000433105_00230_49382_3088.N1	09-AUG-2011 22:05:25	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	49382	No
284	GOM_TRA_1PNPDE20110809_221831_000000493105_00231_49383_3089.N1	09-AUG-2011 22:18:31	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49383	No
285	GOM_TRA_1PNPDE20110809_222313_000000503105_00231_49383_3090.N1	09-AUG-2011 22:23:13	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49383	No
286	GOM_TRA_1PNPDE20110809_222840_000000533105_00231_49383_3091.N1	09-AUG-2011 22:28:40	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49383	No
287	GOM_TRA_1PNPDE20110809_223252_000000413105_00231_49383_3092.N1	09-AUG-2011 22:32:52	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49383	No
288	GOM_TRA_1PNPDE20110809_223642_000000623105_00231_49383_3093.N1	09-AUG-2011 22:36:42	Tw_i_and_stray	61.500	18	24Alp PsA	1.1660	9700.0	123	49383	No
289	GOM_TRA_1PNPDE20110809_224627_000000463105_00231_49383_3094.N1	09-AUG-2011 22:46:27	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49383	No
290	GOM_TRA_1PNPDE20110809_225205_000000493105_00231_49383_3095.N1	09-AUG-2011 22:52:05	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	49383	No
291	GOM_TRA_1PNPDE20110809_225823_000000393105_00231_49383_3096.N1	09-AUG-2011 22:58:23	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49383	No
292	GOM_TRA_1PNPDE20110809_225950_000000383105_00231_49383_3097.N1	09-AUG-2011 22:59:50	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49383	No
293	GOM_TRA_1PNPDE20110809_230134_000000403105_00231_49383_3098.N1	09-AUG-2011 23:01:34	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49383	No
294	GOM_TRA_1PNPDE20110809_230657_000000403105_00231_49383_3099.N1	09-AUG-2011 23:06:57	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49383	No
295	GOM_TRA_1PNPDE20110809_232612_000000473105_00231_49383_3100.N1	09-AUG-2011 23:26:12	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49383	No
296	GOM_TRA_1PNPDE20110809_232855_000000373105_00231_49383_3101.N1	09-AUG-2011 23:28:55	Bright	37.000	107	37The Aur	2.6490	11000.	74	49383	No
297	GOM_TRA_1PNPDE20110809_233152_000000513105_00231_49383_3102.N1	09-AUG-2011 23:31:52	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	49383	No
298	GOM_TRA_1PNPDE20110809_233406_000000443105_00231_49383_3103.N1	09-AUG-2011 23:34:06	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	49383	No
299	GOM_TRA_1PNPDE20110809_233706_000000333105_00231_49383_3104.N1	09-AUG-2011 23:37:06	Dark	33.000	13	87Alp Tau	0.86700	3800.0	66	49383	No
300	GOM_TRA_1PNPDE20110809_233858_000000493105_00231_49383_3105.N1	09-AUG-2011 23:38:58	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	49383	No
301	GOM_TRA_1PNPDE20110809_234054_000000463105_00231_49383_3106.N1	09-AUG-2011 23:40:54	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	49383	No
302	GOM_TRA_1PNPDE20110809_234217_000000433105_00231_49383_3107.N1	09-AUG-2011 23:42:17	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49383	No
303	GOM_TRA_1PNPDE20110809_234339_000000503105_00231_49383_3108.N1	09-AUG-2011 23:43:39	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49383	No
304	GOM_TRA_1PNPDE20110809_234539_000000443105_00231_49383_3113.N1	09-AUG-2011 23:45:39	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49383	No
305	GOM_TRA_1PNPDE20110809_235846_000000513105_00232_49384_3114.N1	09-AUG-2011 23:58:46	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49384	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).

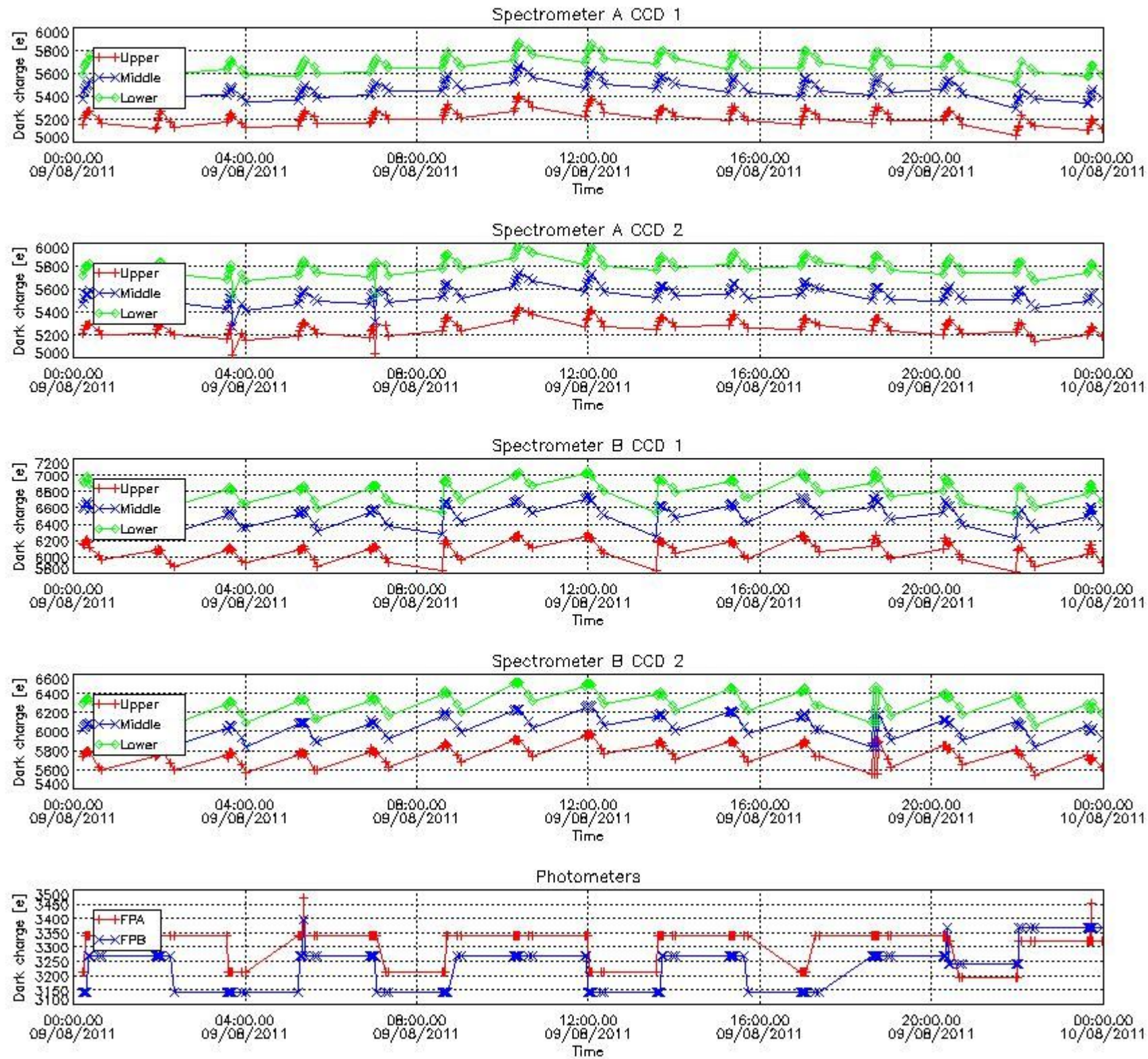
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110809_000258_000000463105_00217_49369_2777.N1	DC map used
GOM_TRA_1PNPDE20110809_000538_000000363105_00217_49369_2778.N1	DC map used
GOM_TRA_1PNPDE20110809_000834_000000473105_00217_49369_2779.N1	DC map used
GOM_TRA_1PNPDE20110809_001046_000000453105_00217_49369_2780.N1	DC map used
GOM_TRA_1PNPDE20110809_001342_000000663105_00217_49369_2781.N1	DC map used
GOM_TRA_1PNPDE20110809_001536_000000493105_00217_49369_2782.N1	DC map used
GOM_TRA_1PNPDE20110809_001731_000000473105_00217_49369_2783.N1	DC map used
GOM_TRA_1PNPDE20110809_001854_000000453105_00217_49369_2784.N1	DC map used
GOM_TRA_1PNPDE20110809_002015_000000533105_00217_49369_2785.N1	DC map used
GOM_TRA_1PNPDE20110809_205238_000000413105_00230_49382_3066.N1	DC map used
GOM_TRA_1PNPDE20110809_205628_000000553105_00230_49382_3067.N1	DC map used
GOM_TRA_1PNPDE20110809_210614_000000463105_00230_49382_3068.N1	DC map used

GOM_TRA_1PNPDE20110809_211151_000000503105_00230_49382_3069.N1	DC map used
GOM_TRA_1PNPDE20110809_211809_000000393105_00230_49382_3070.N1	DC map used
GOM_TRA_1PNPDE20110809_211937_000000403105_00230_49382_3071.N1	DC map used
GOM_TRA_1PNPDE20110809_212120_000000403105_00230_49382_3072.N1	DC map used
GOM_TRA_1PNPDE20110809_212644_000000403105_00230_49382_3073.N1	DC map used
GOM_TRA_1PNPDE20110809_214559_000000473105_00230_49382_3074.N1	DC map used
GOM_TRA_1PNPDE20110809_214841_000000373105_00230_49382_3075.N1	DC map used
GOM_TRA_1PNPDE20110809_215137_000000483105_00230_49382_3076.N1	DC map used
GOM_TRA_1PNPDE20110809_215351_000000413105_00230_49382_3077.N1	DC map used
GOM_TRA_1PNPDE20110809_215651_000000333105_00230_49382_3078.N1	DC map used
GOM_TRA_1PNPDE20110809_215844_000000493105_00230_49382_3079.N1	DC map used
GOM_TRA_1PNPDE20110809_220039_000000453105_00230_49382_3080.N1	DC map used
GOM_TRA_1PNPDE20110809_220202_000000423105_00230_49382_3081.N1	DC map used

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



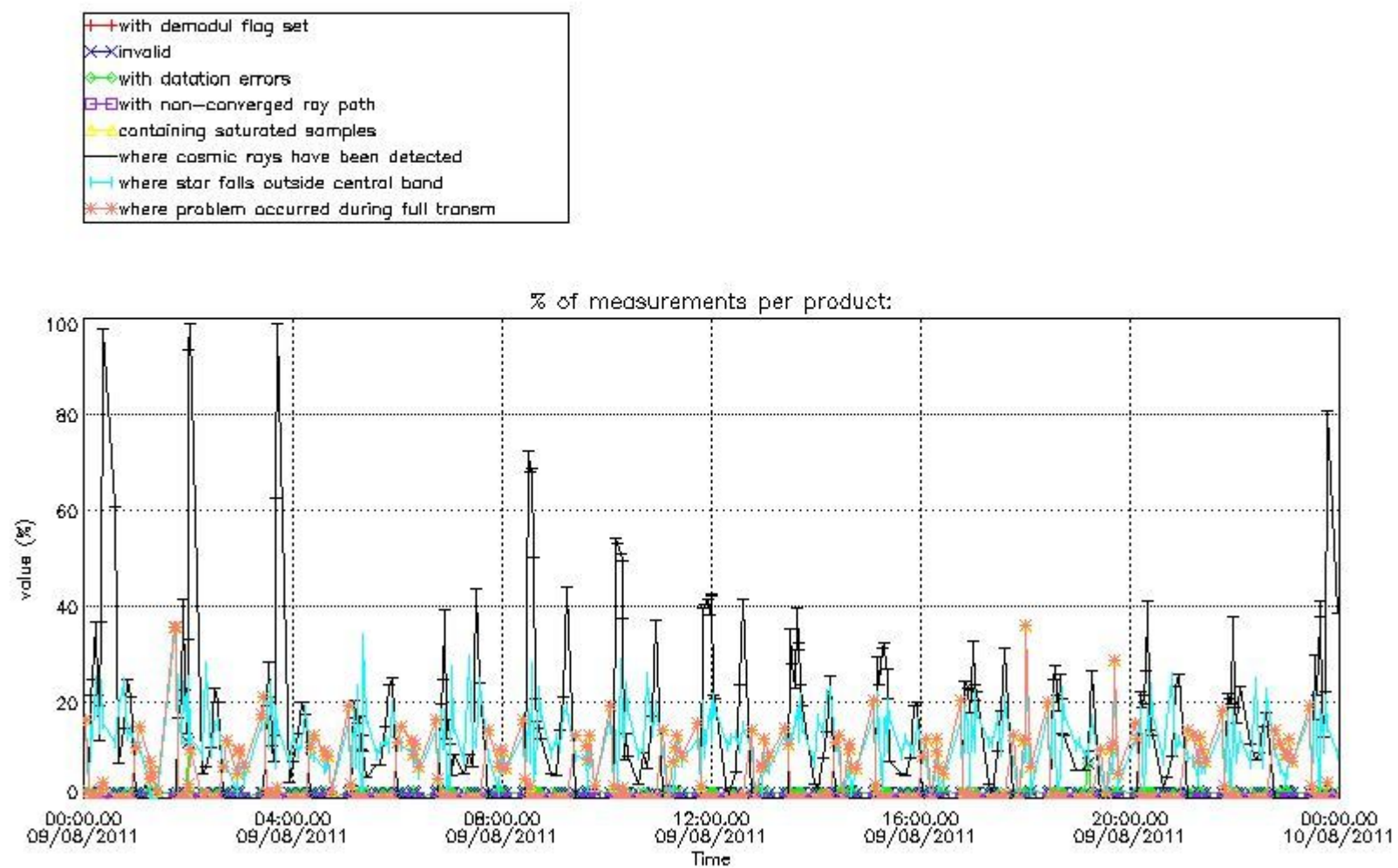
5. Demodulation flag and quality information monitoring

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.

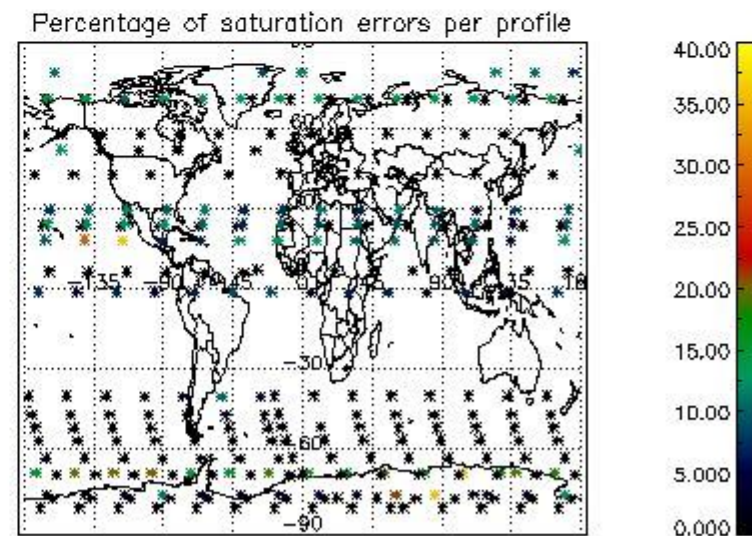
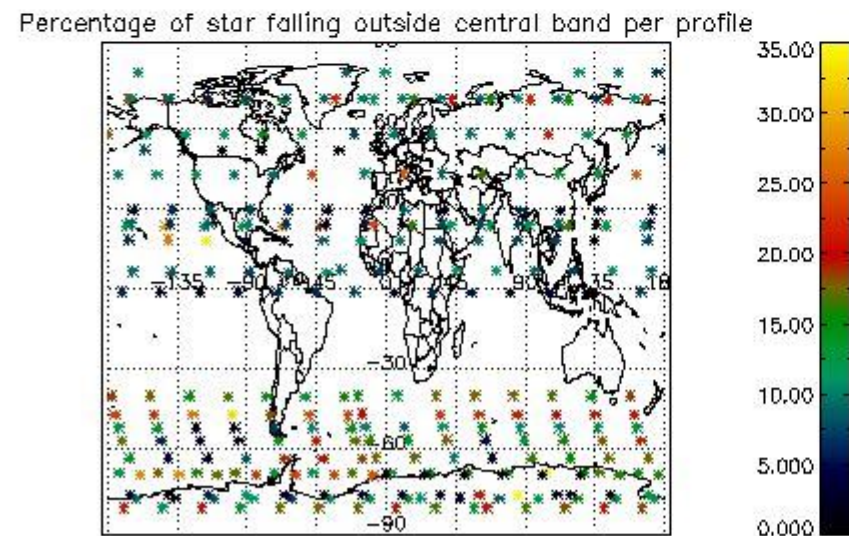
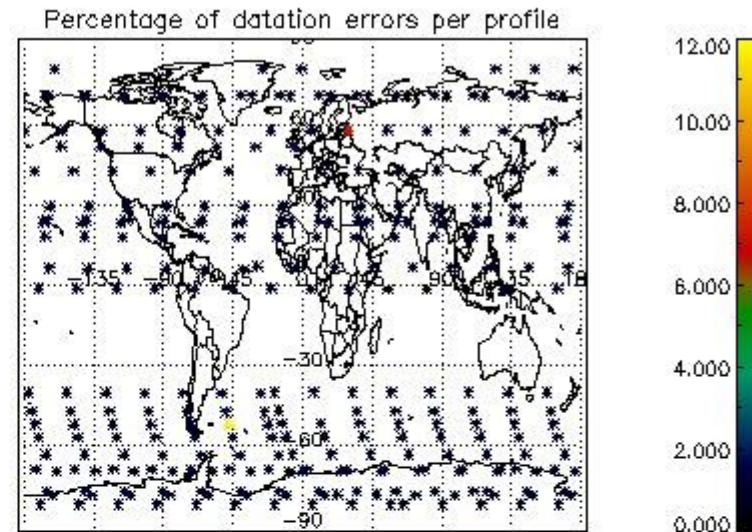
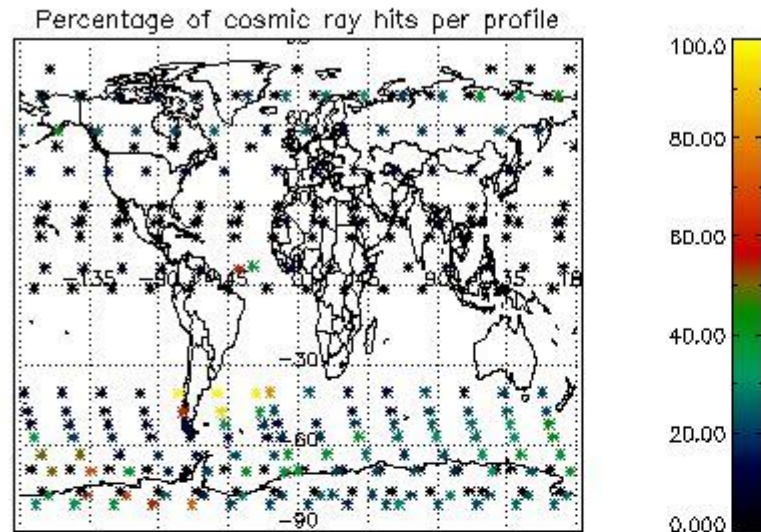
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	59.2105 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	37.1711 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



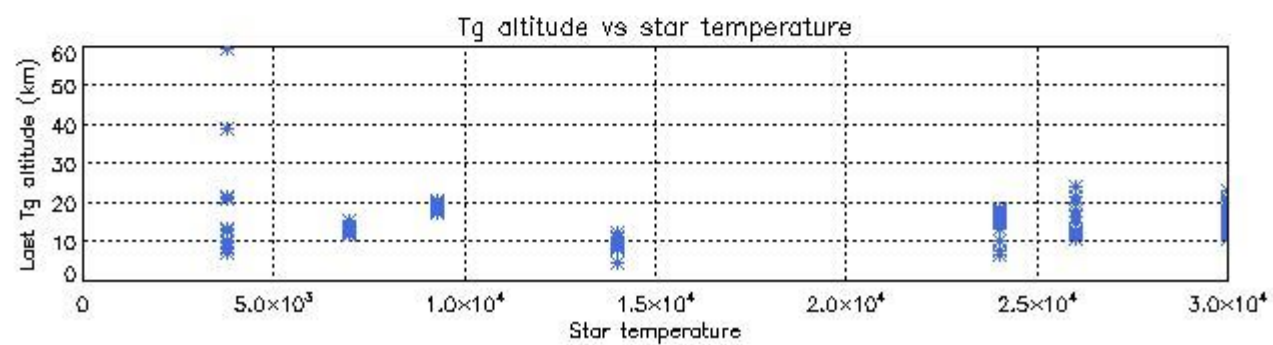
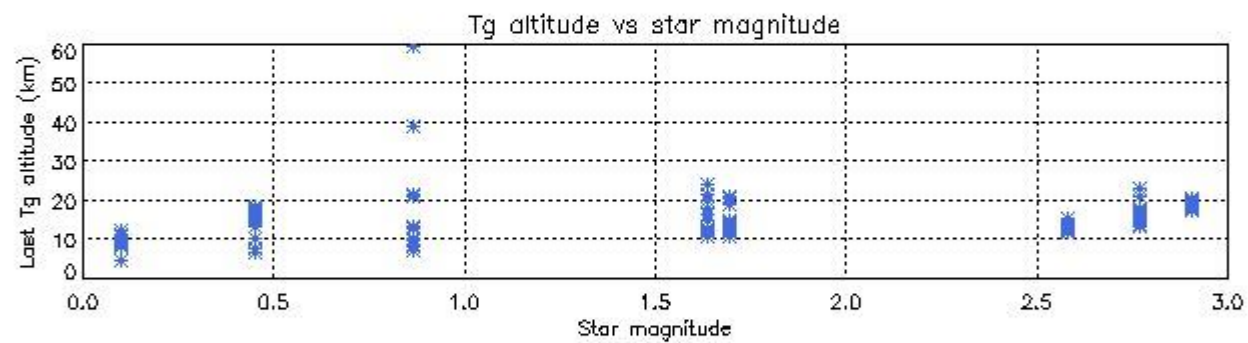
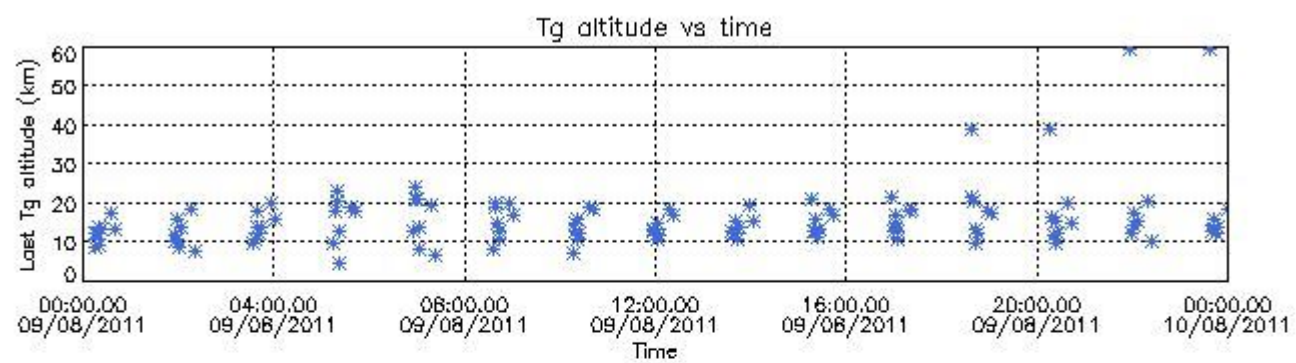
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.735	20.040	NaN
St. deviation:	7.6207	5.8158	NaN
Maximum:	59.706	45.880	NaN
Minimum:	4.4558	3.4370	NaN
Number of data:	118.00	113.00	NaN

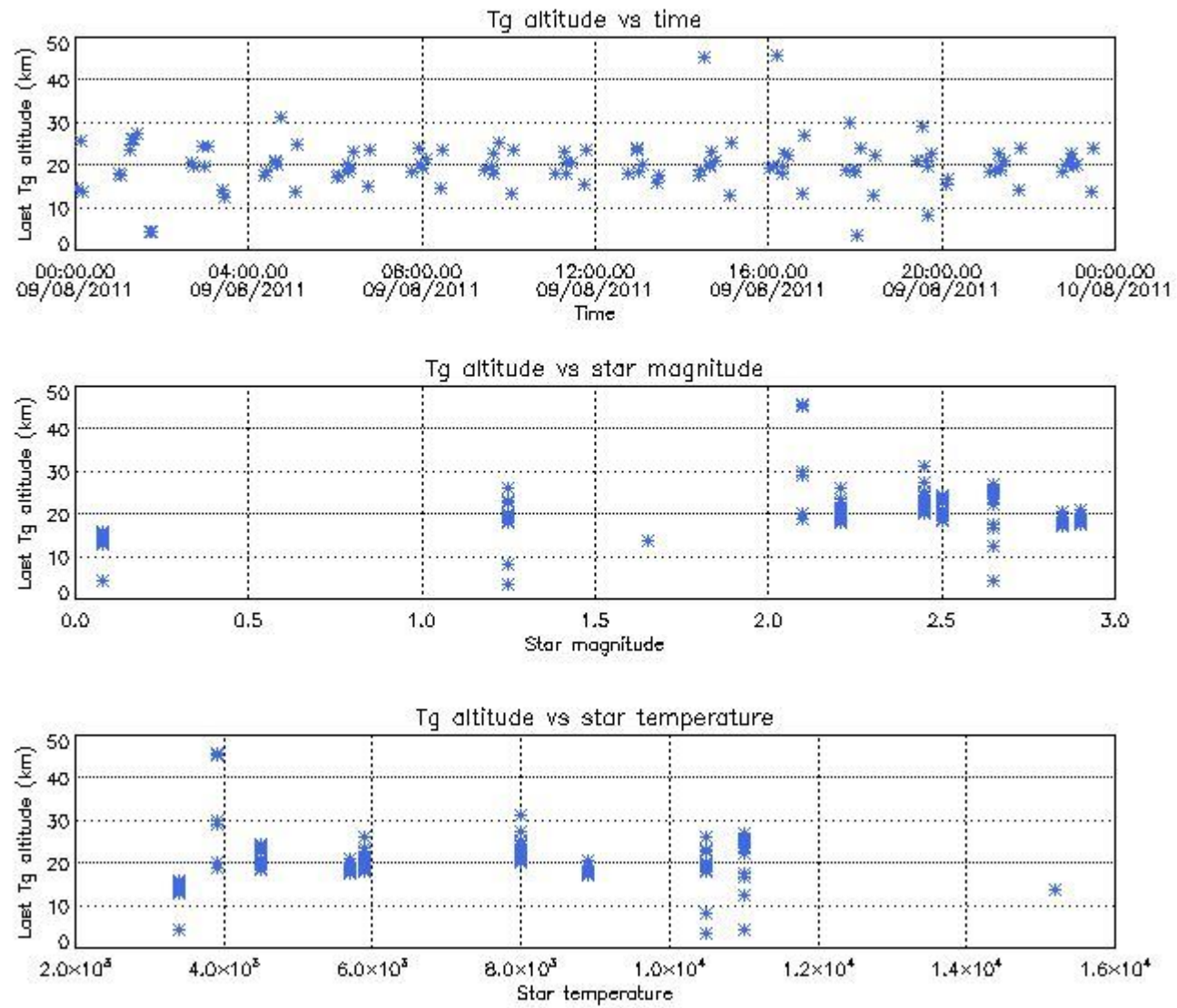
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

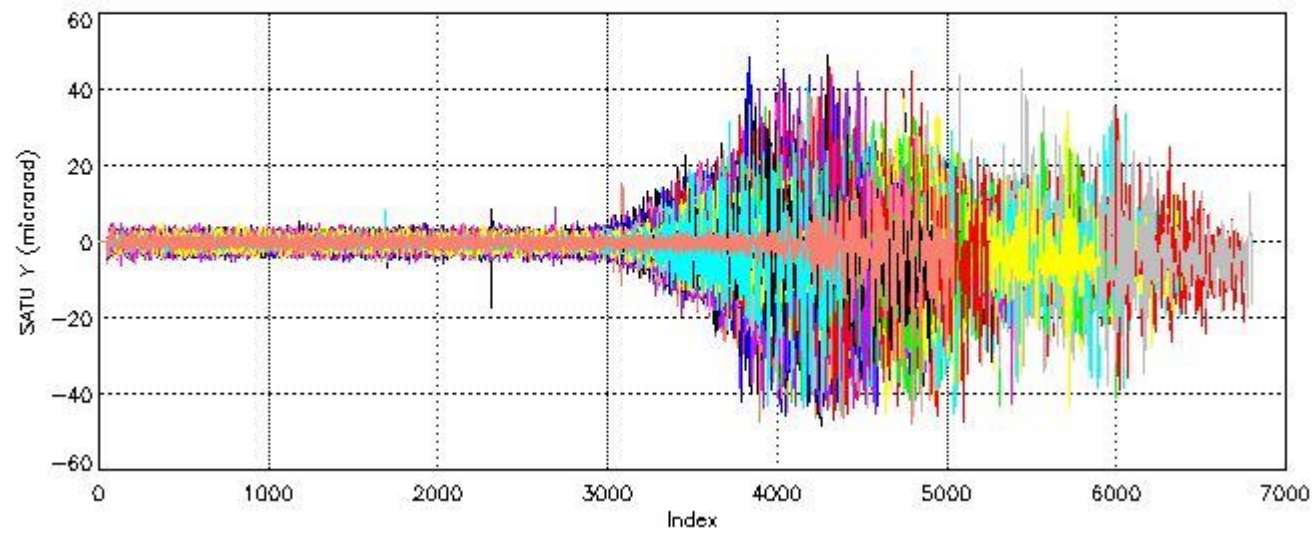
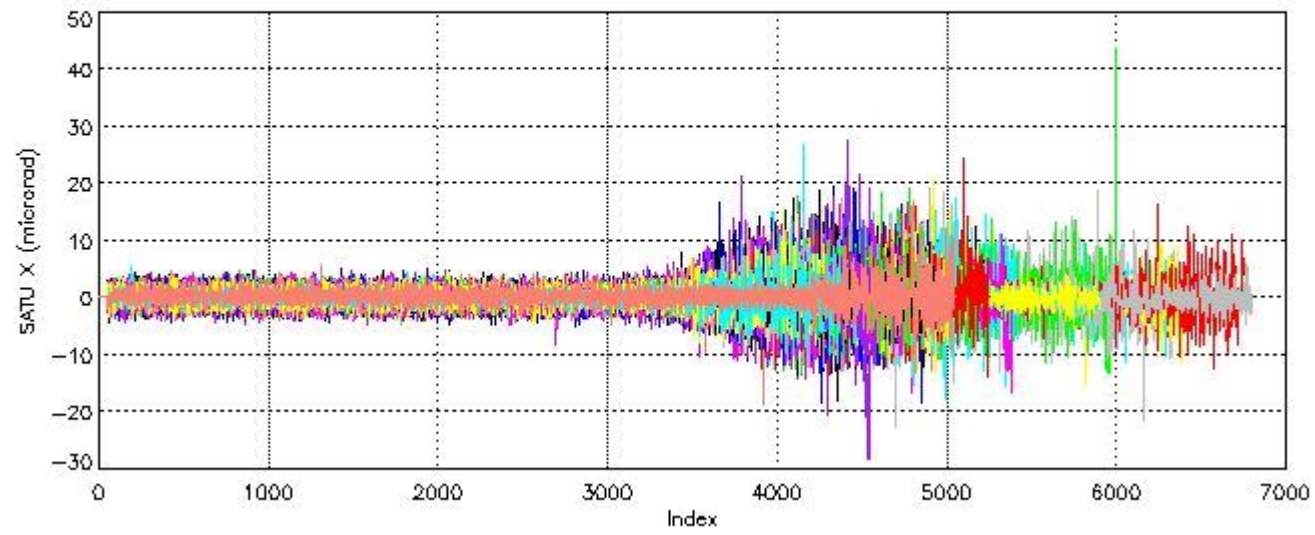


7. Star Acquisition and Tracking Unit (SATU)

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:	0.17954	-0.23080	0.21866	-0.23898
St. deviation:	0.58902	0.64734	0.66711	0.73700
Maximum:	5.3000	4.9000	4.8000	4.6000
Minimum:	-4.7000	-6.1000	-4.1000	-5.7000

Number of data:	1.2160E+05	1.2160E+05	1.0825E+05	1.0825E+05
90Percentile:	0.90000	0.60000	1.1000	0.70000

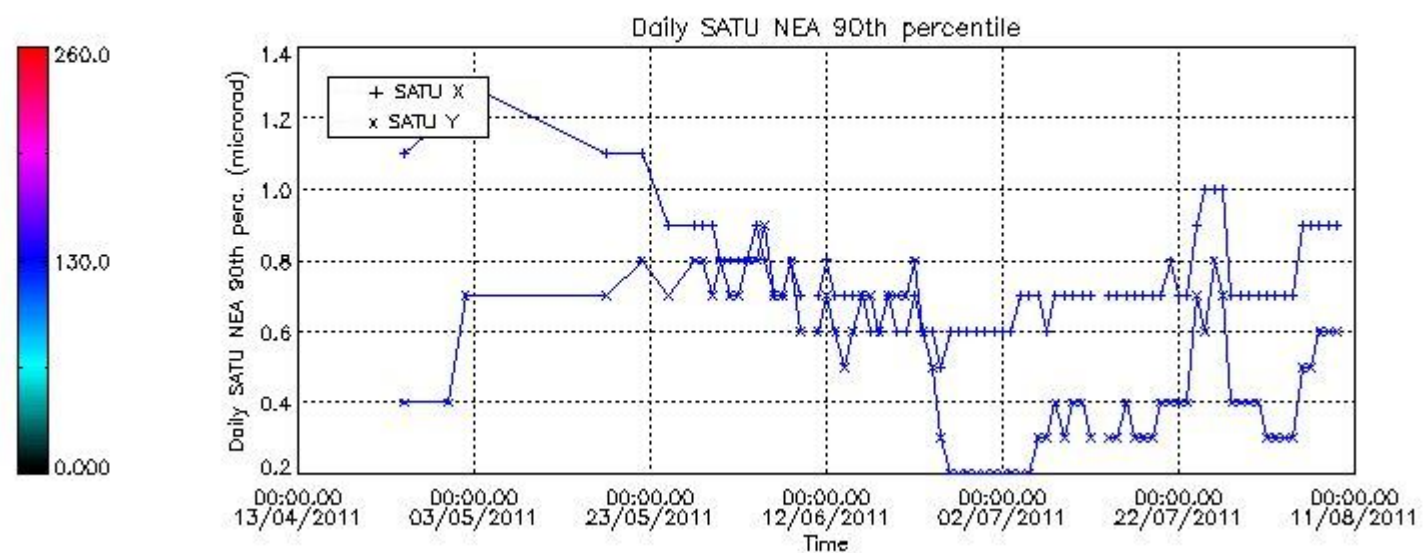
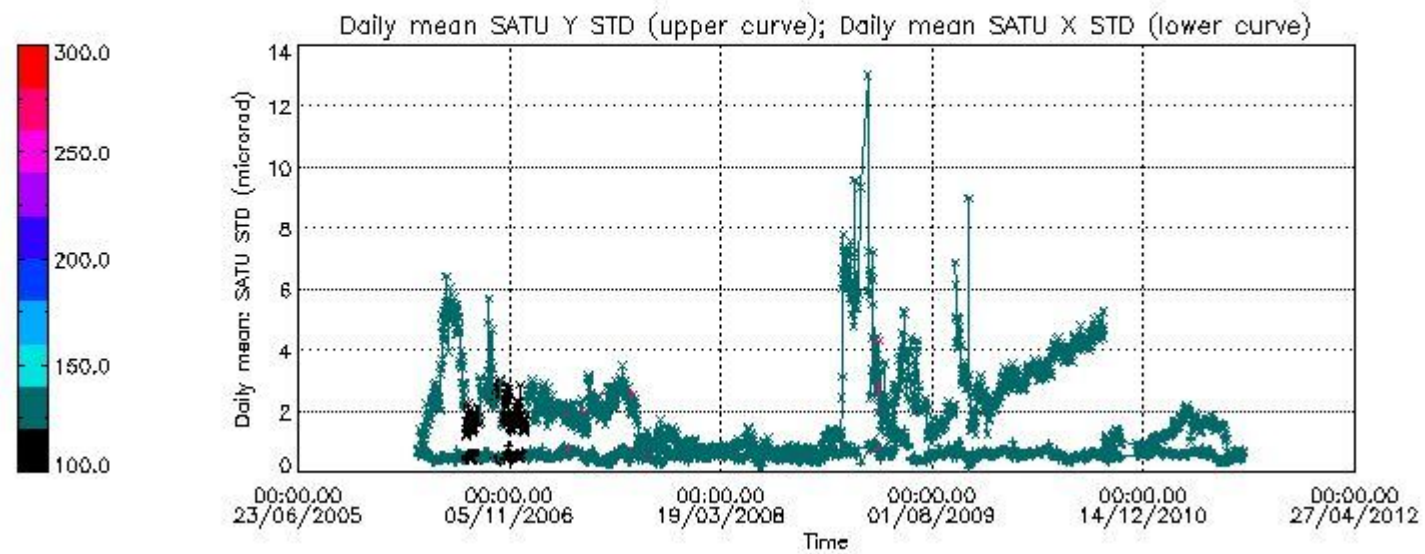
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

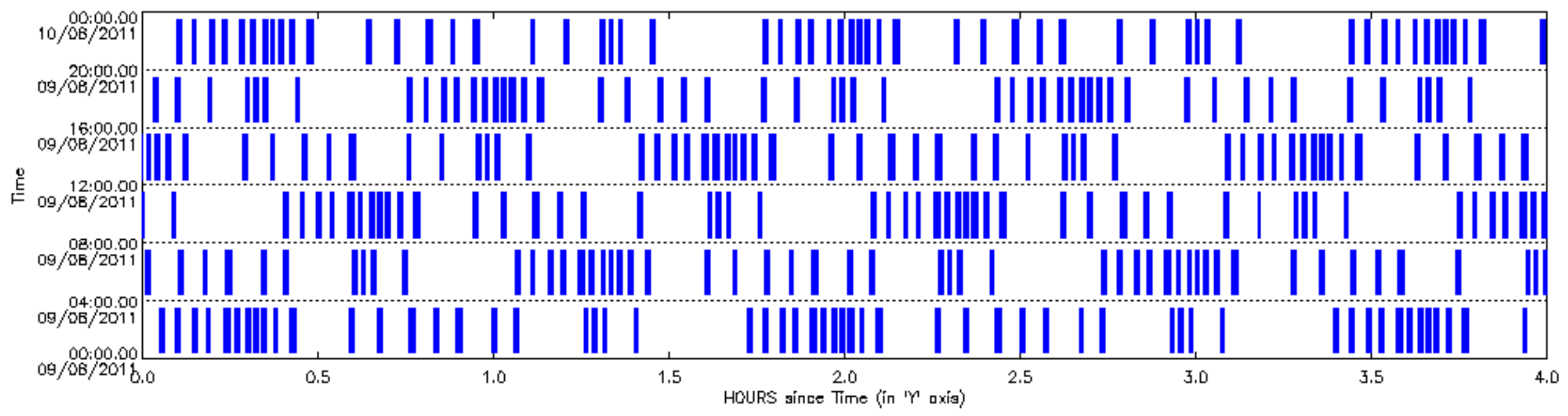
Lower curve: STD of SATU X axis

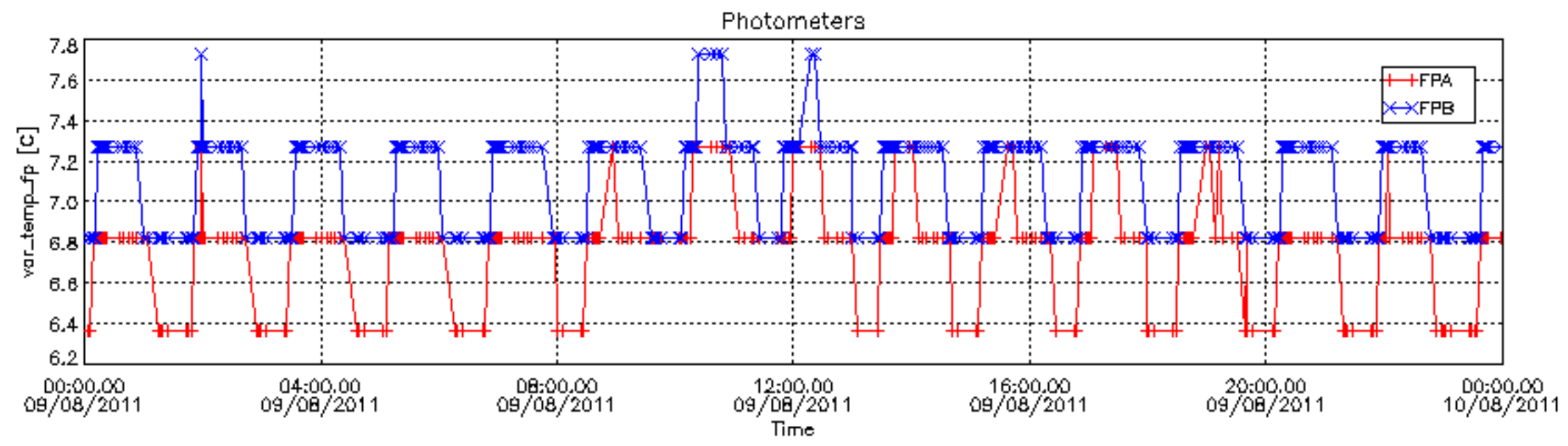
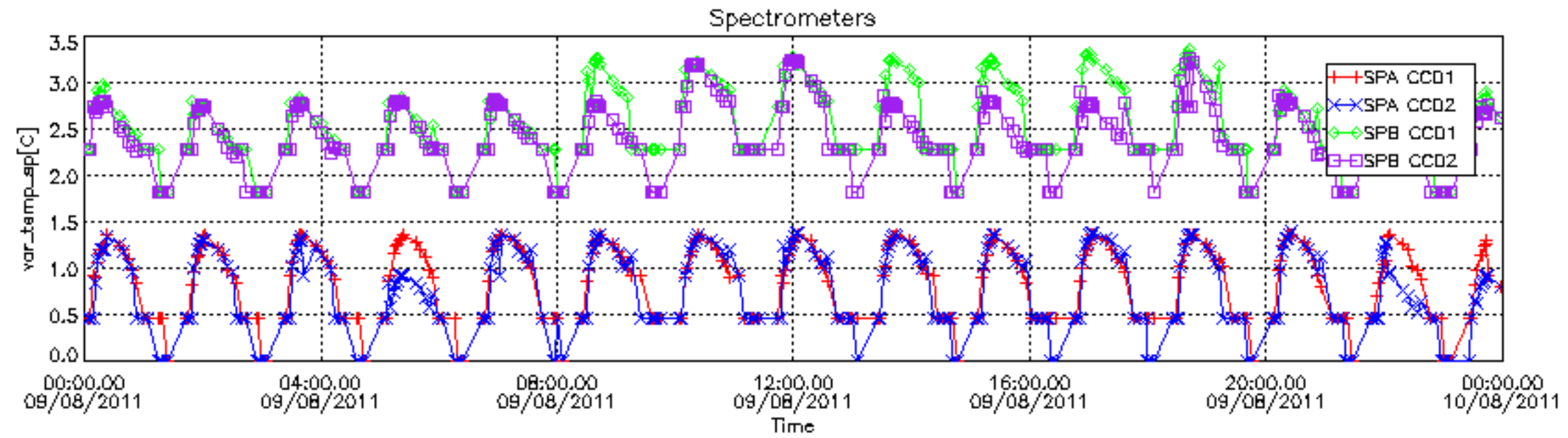


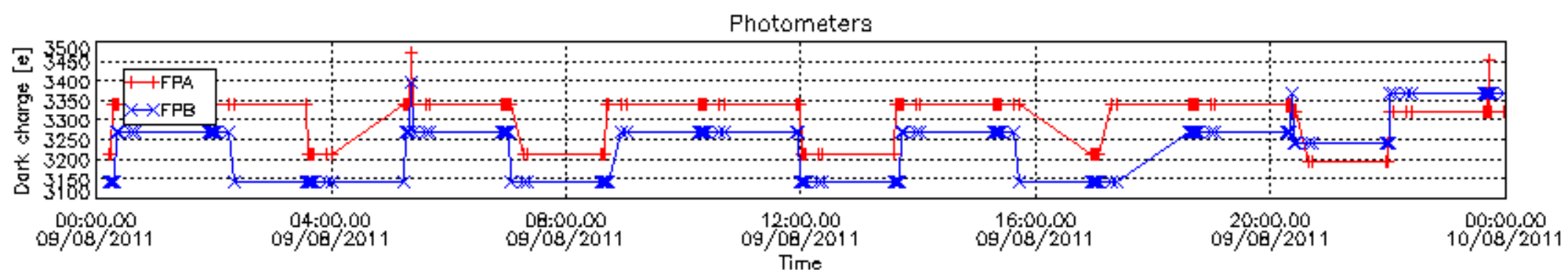
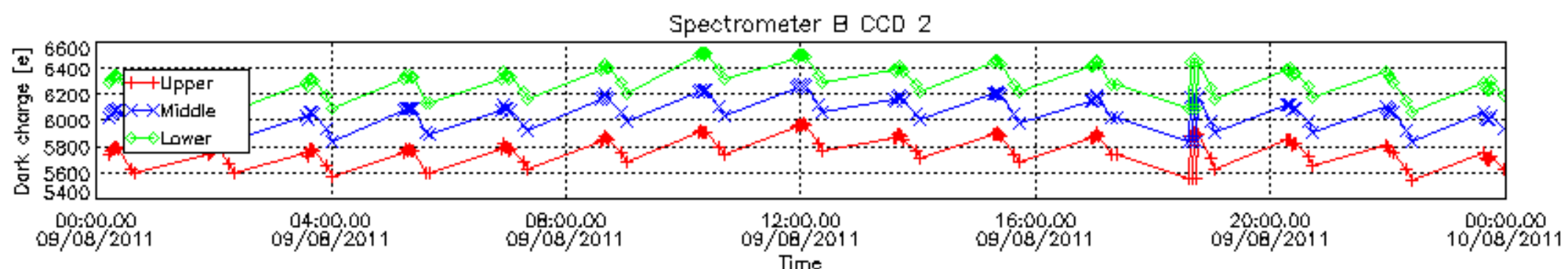
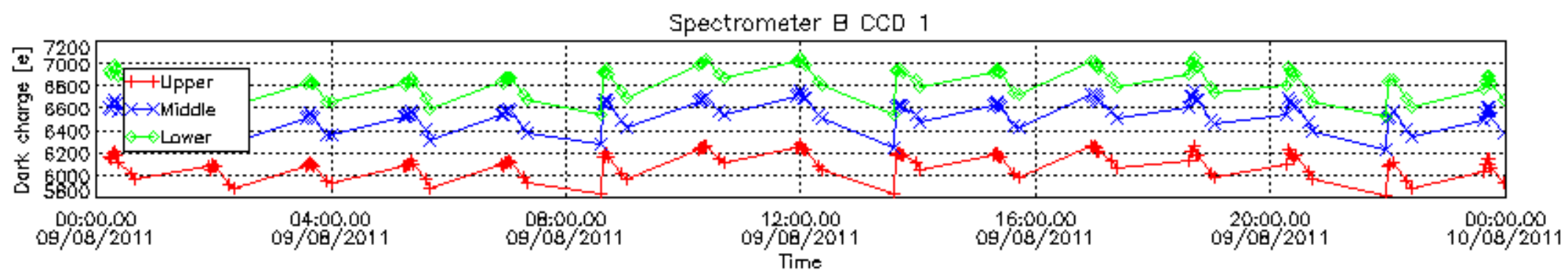
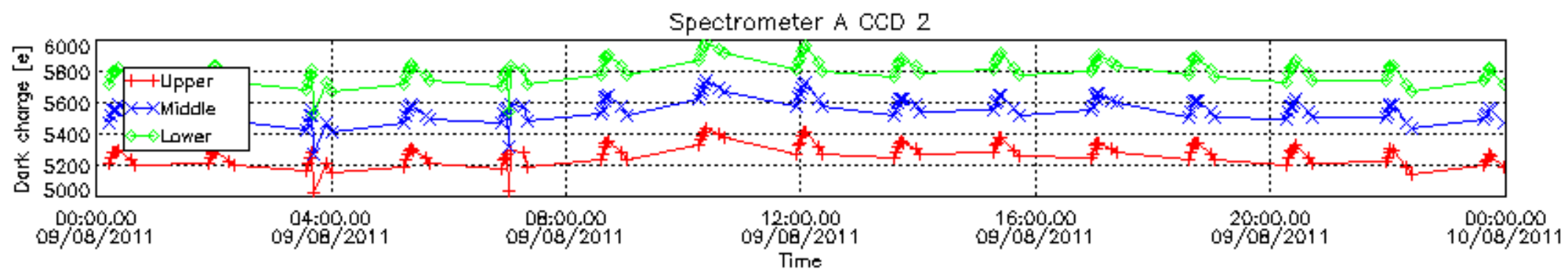
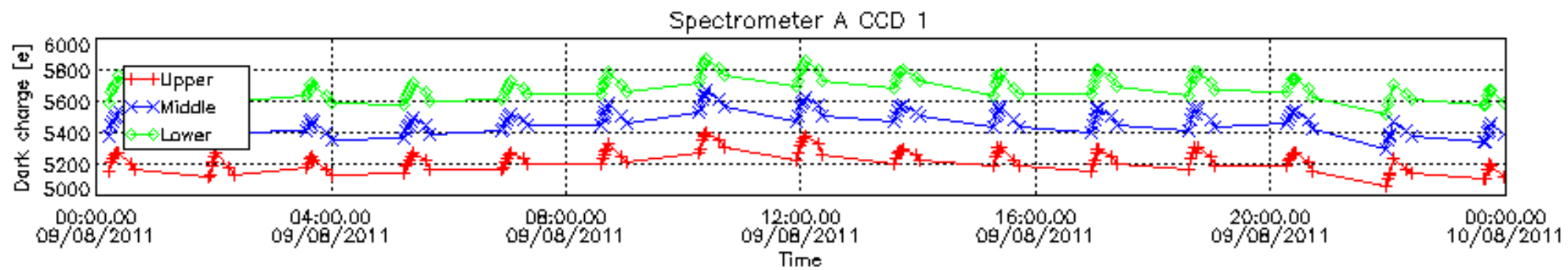
8. Auxiliary Data Files used for the production reported in section 2.4

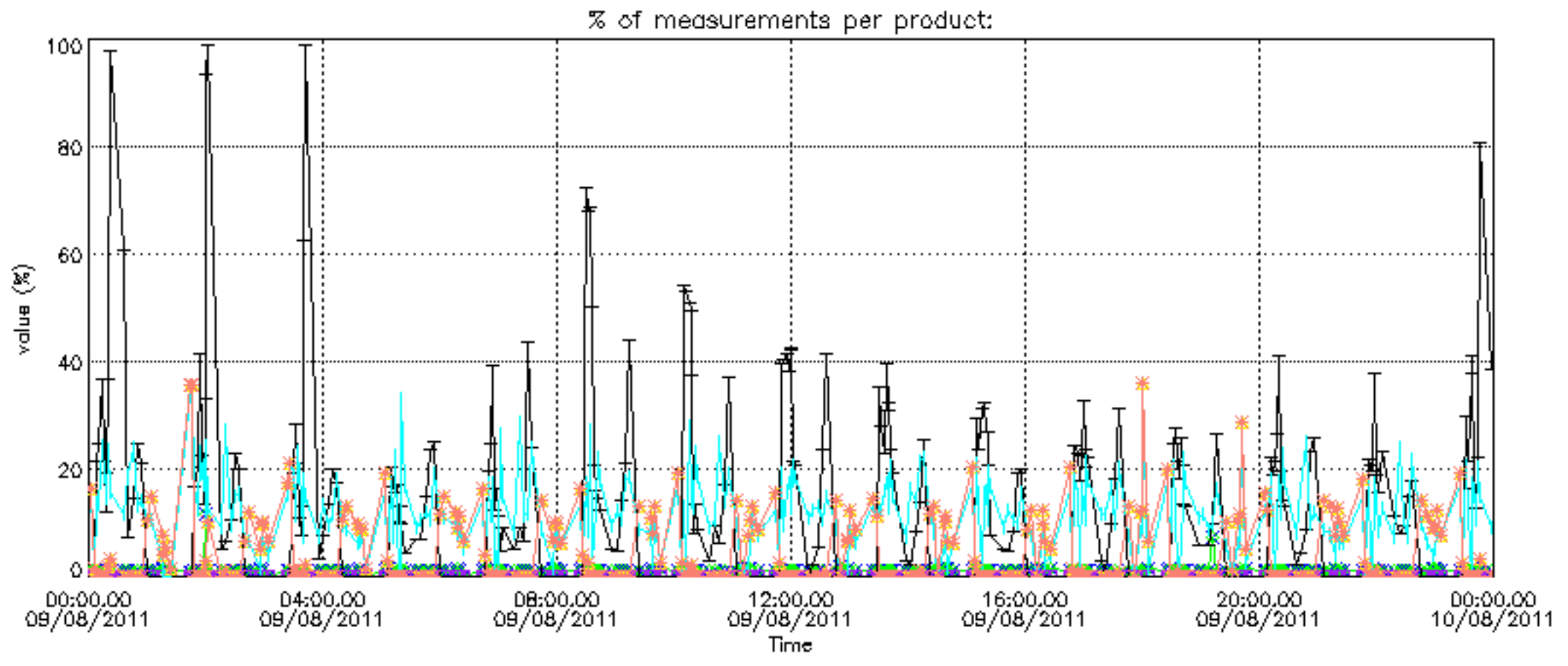
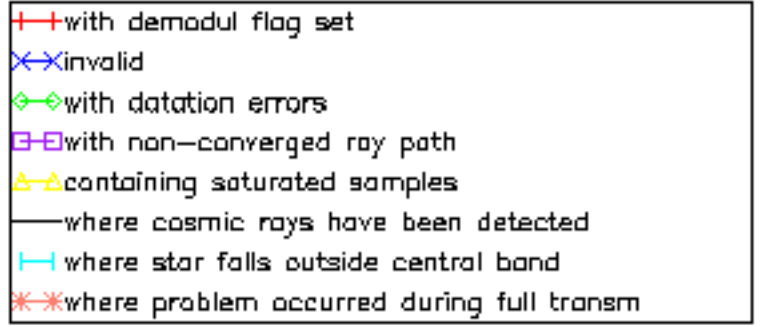
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-AUG-2011 00:02:58
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110803_080732_20110801_000000_20500101_000000	1	09-AUG-2011 00:02:58
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110809_072920_20110808_000000_20500101_000000	100	09-AUG-2011 07:44:22
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	09-AUG-2011 00:02:58
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	09-AUG-2011 00:02:58
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	09-AUG-2011 00:02:58
ECMWF_FILE	AUX_ECF_AXNECM20110808_062115_20110808_210000_20110809_090000	1	09-AUG-2011 00:02:58
ECMWF_FILE	AUX_ECF_AXNECM20110808_182035_20110809_030000_20110809_150000	43	09-AUG-2011 03:23:25
ECMWF_FILE	AUX_ECA_AXNECM20110809_062115_20110808_210000_20110809_090000	64	09-AUG-2011 05:03:39
ECMWF_FILE	AUX_ECF_AXNECM20110808_182035_20110809_030000_20110809_150000	100	09-AUG-2011 07:44:22
ECMWF_FILE	AUX_ECF_AXNECM20110809_062115_20110809_090000_20110809_210000	120	09-AUG-2011 09:24:36
ECMWF_FILE	AUX_ECF_AXNECM20110809_062115_20110809_150000_20110810_030000	204	09-AUG-2011 16:01:52
ECMWF_FILE	AUX_ECA_AXNECM20110809_182242_20110809_090000_20110809_210000	225	09-AUG-2011 17:35:59
ECMWF_FILE	AUX_ECF_AXNECM20110809_062115_20110809_150000_20110810_030000	266	09-AUG-2011 20:52:38
ECMWF_FILE	AUX_ECF_AXNECM20110809_062116_20110809_210000_20110810_090000	282	09-AUG-2011 22:03:25
OPTIONAL_ECMWF_FILE	MISSING	1	09-AUG-2011 00:02:58
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110808_102032_20110807_182923_20110817_204309	1	09-AUG-2011 00:02:58
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110809_102050_20110808_193252_20110818_200625	100	09-AUG-2011 07:44:22

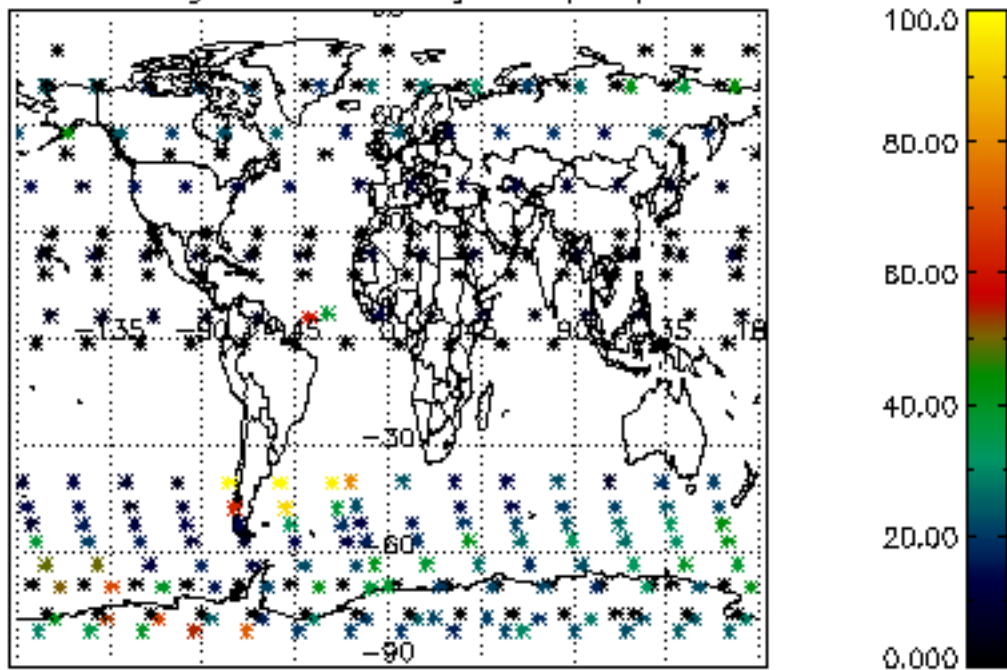




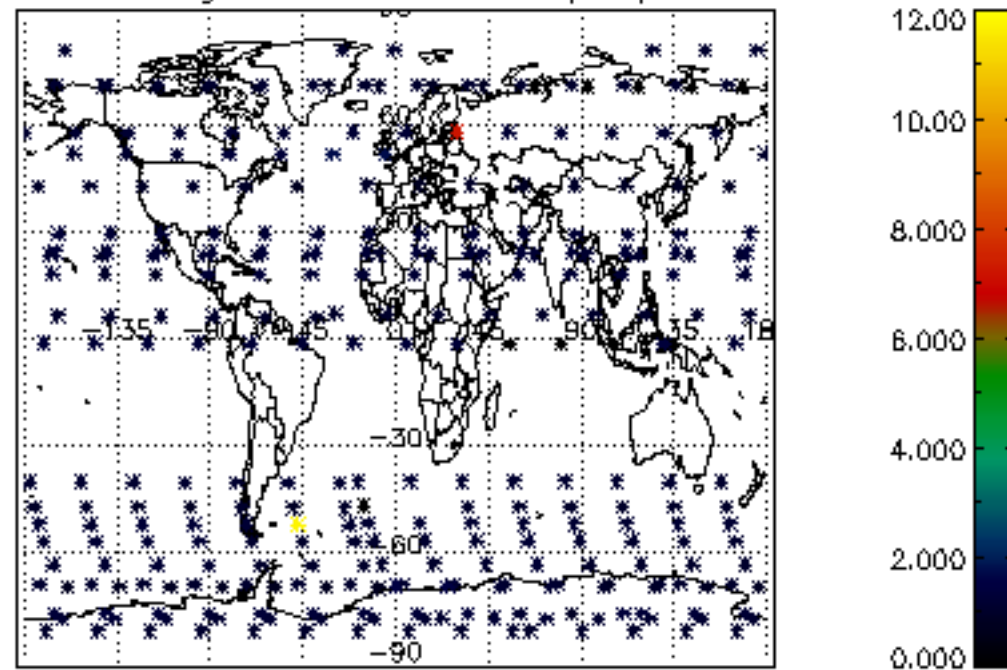




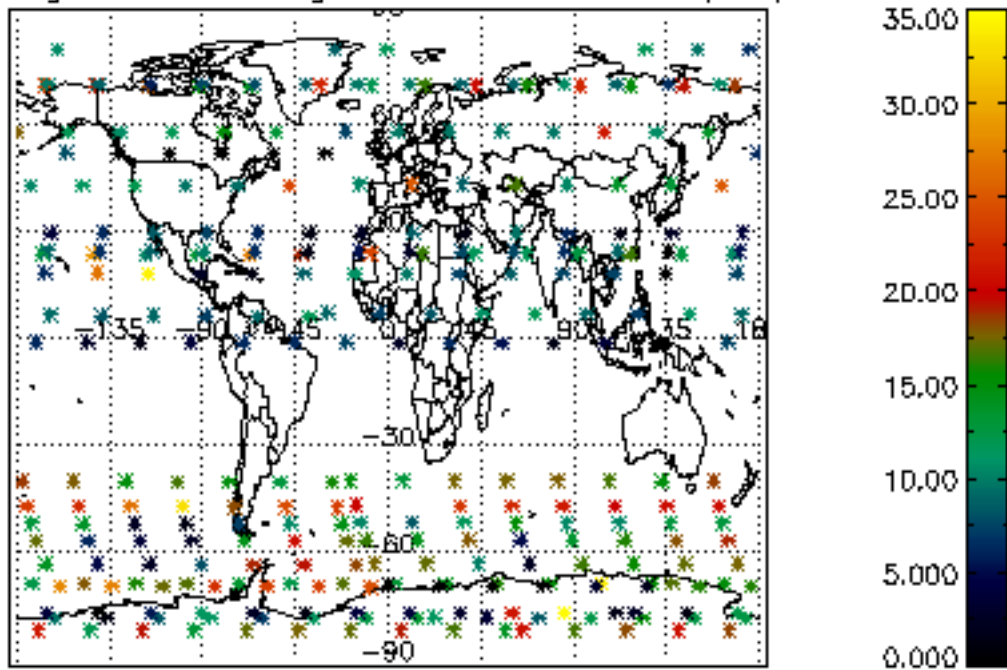
Percentage of cosmic ray hits per profile



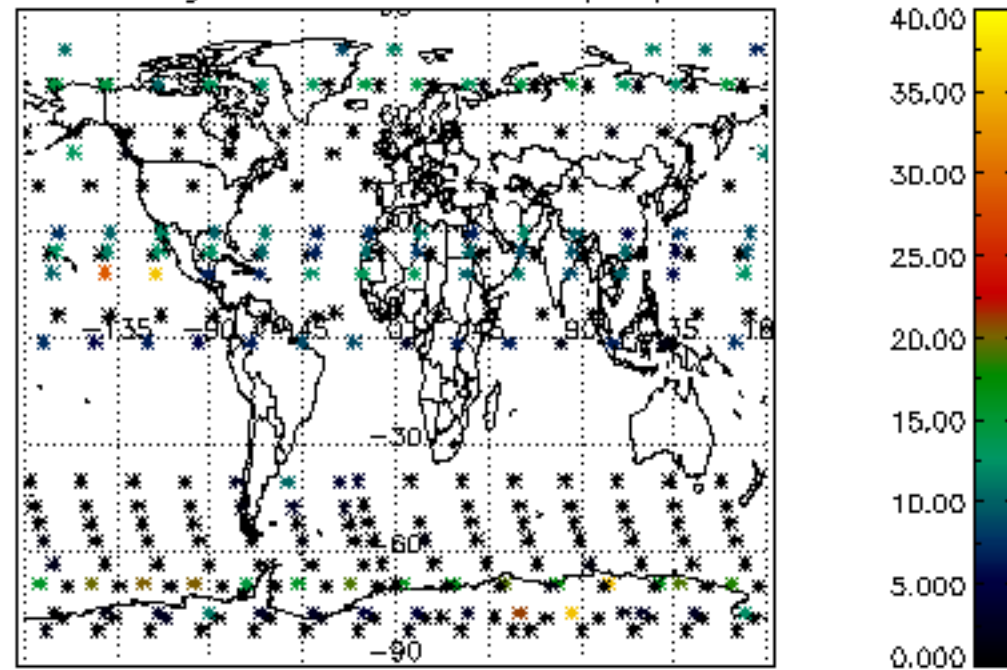
Percentage of datation errors per profile



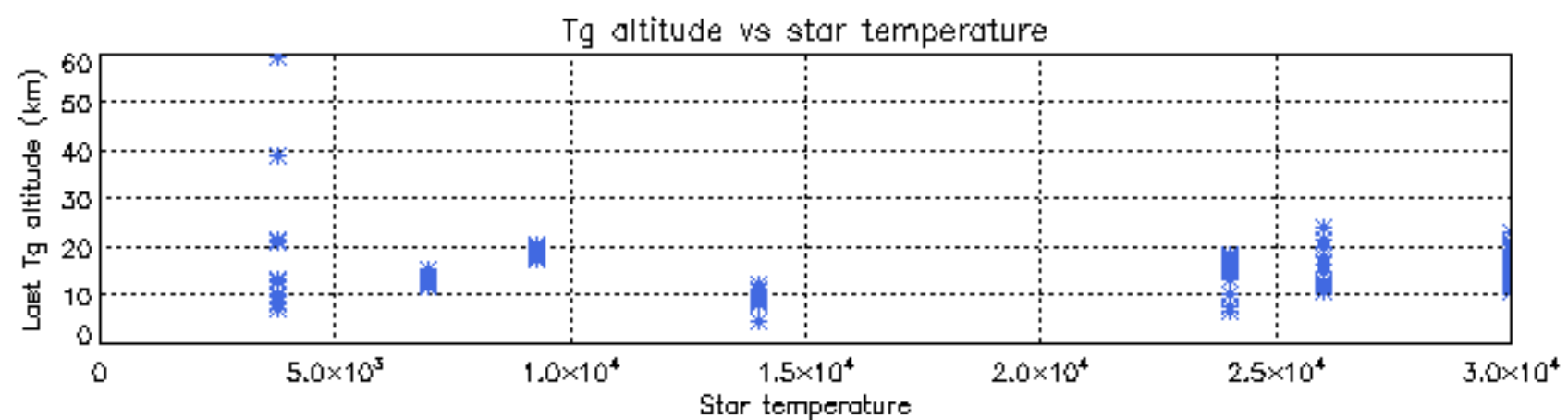
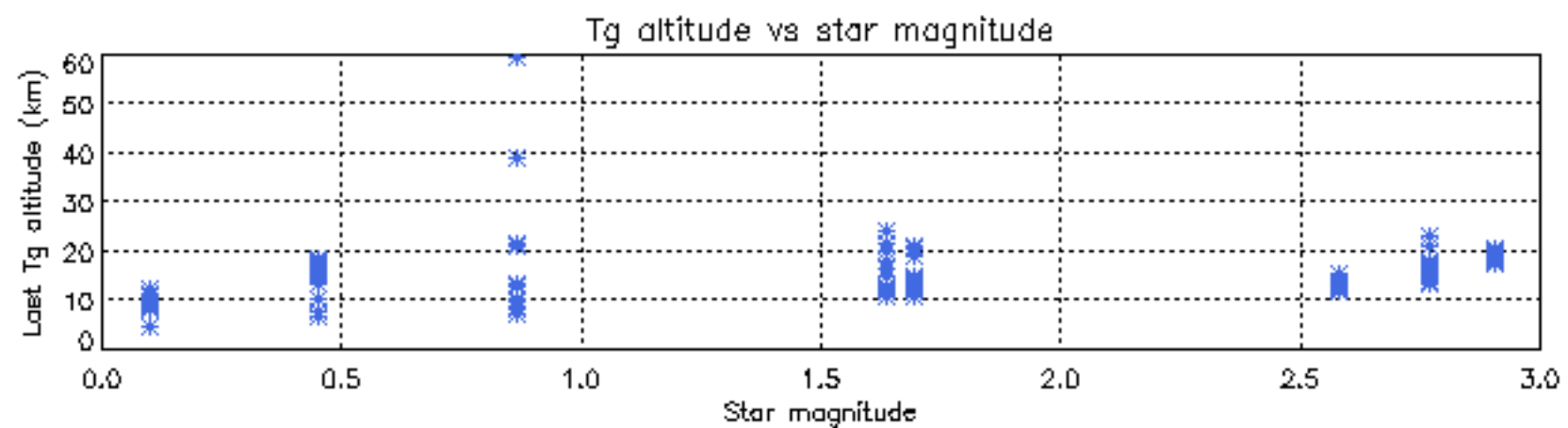
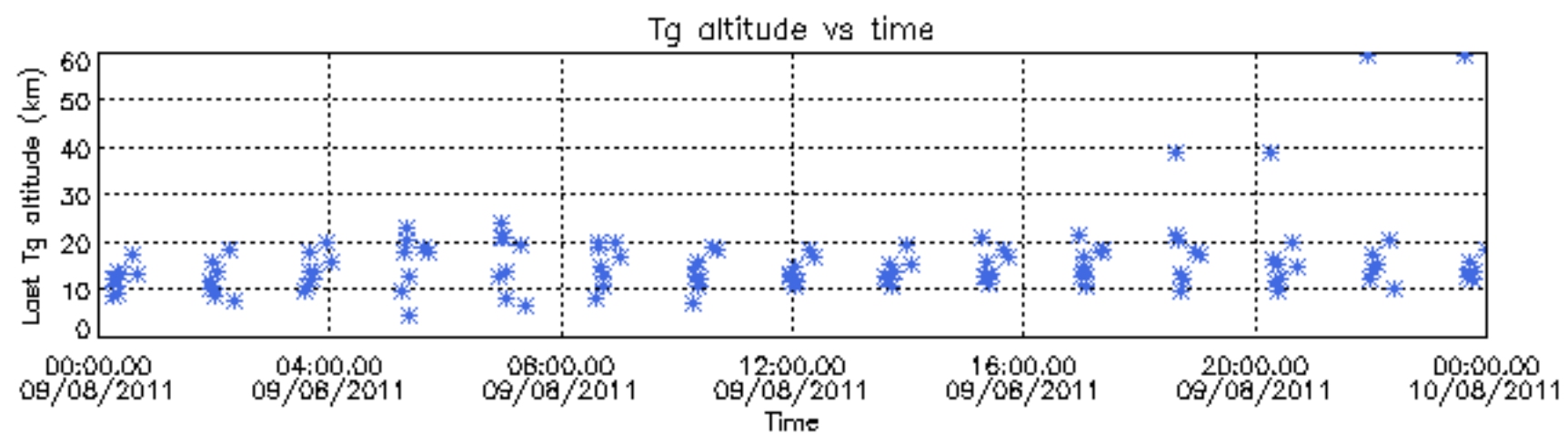
Percentage of star falling outside central band per profile



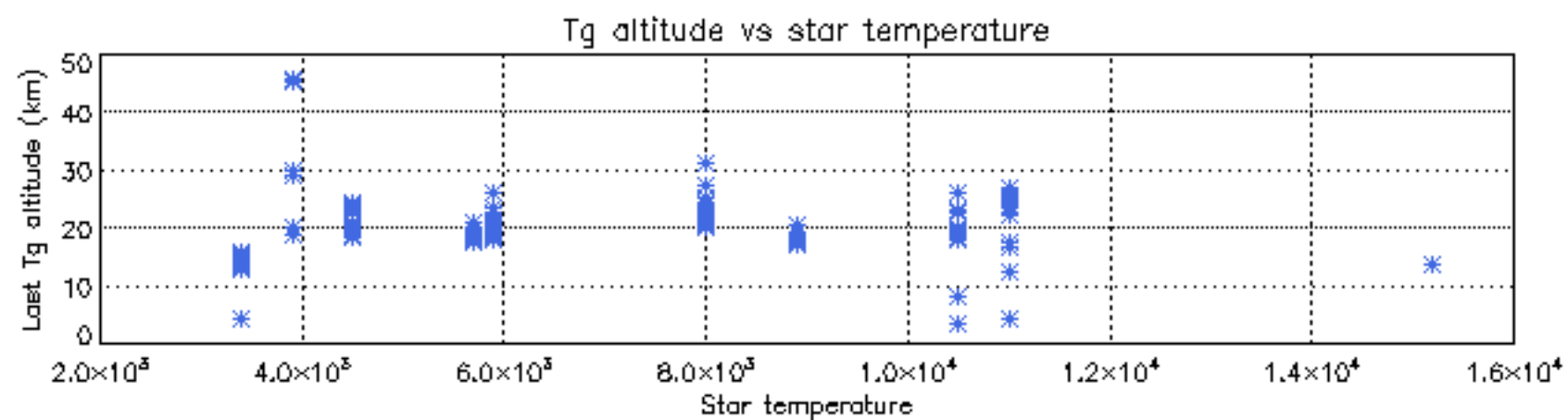
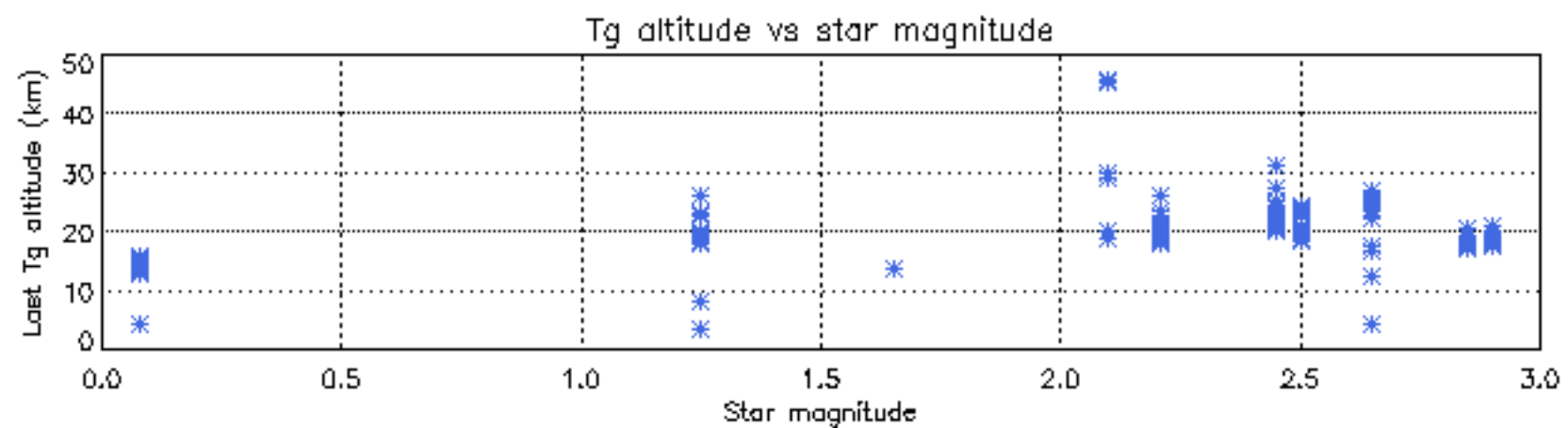
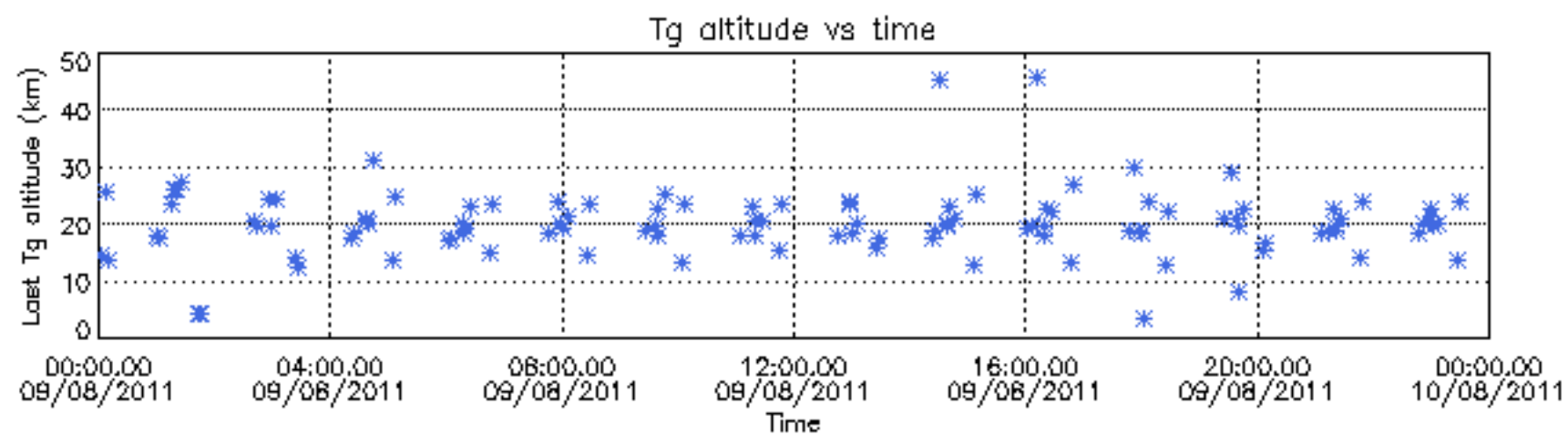
Percentage of saturation errors per profile

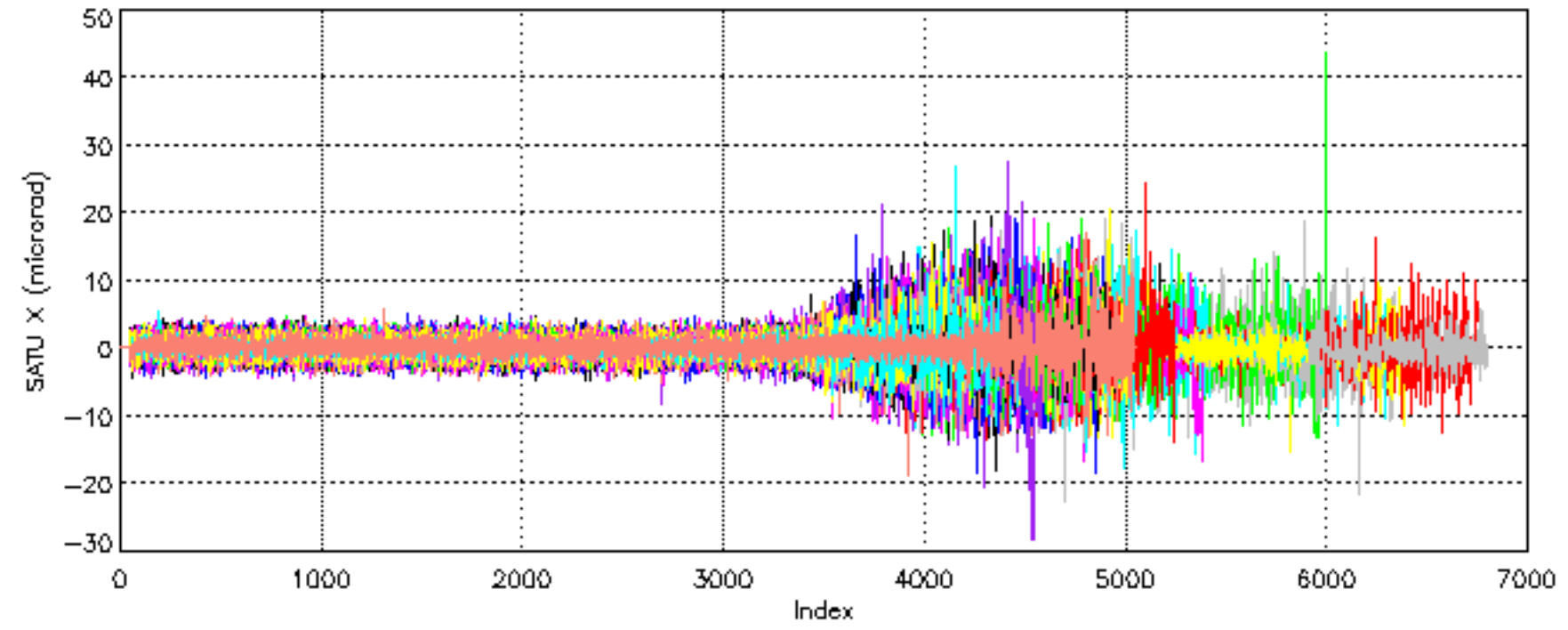


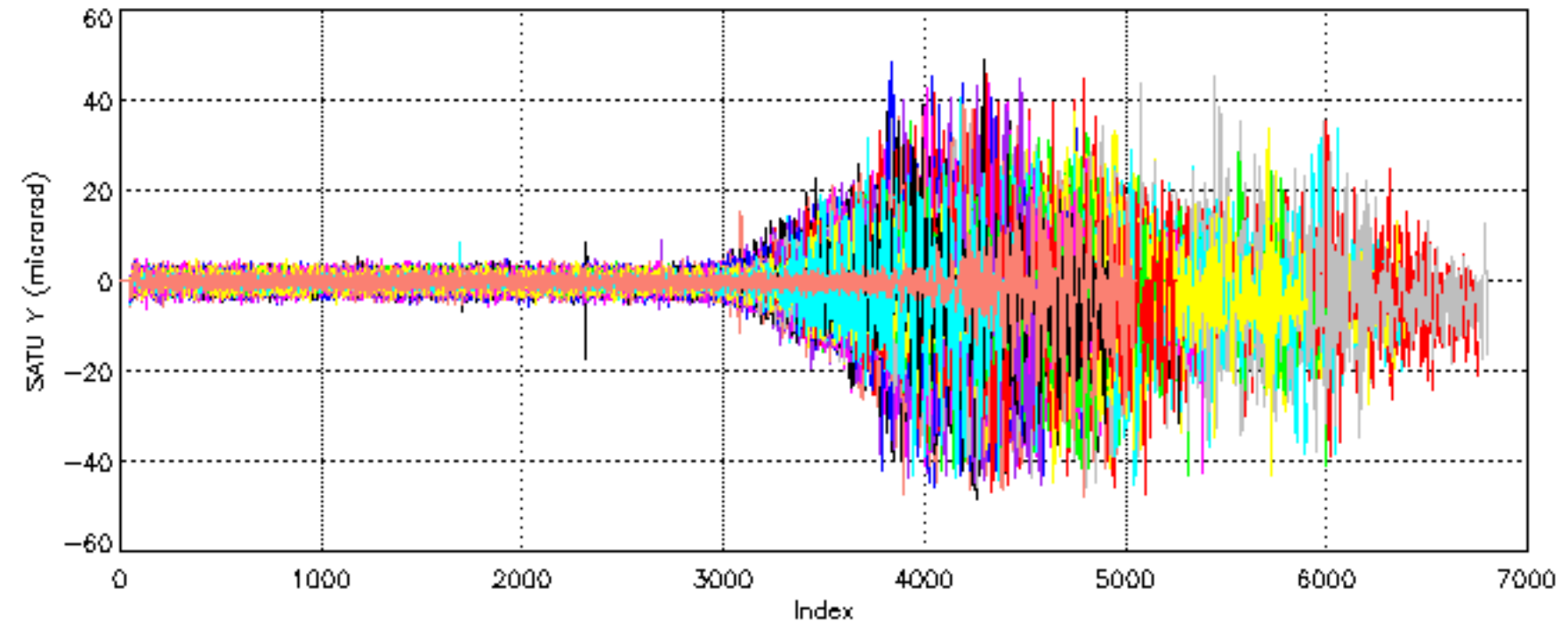
Tangent altitude at which the star is lost

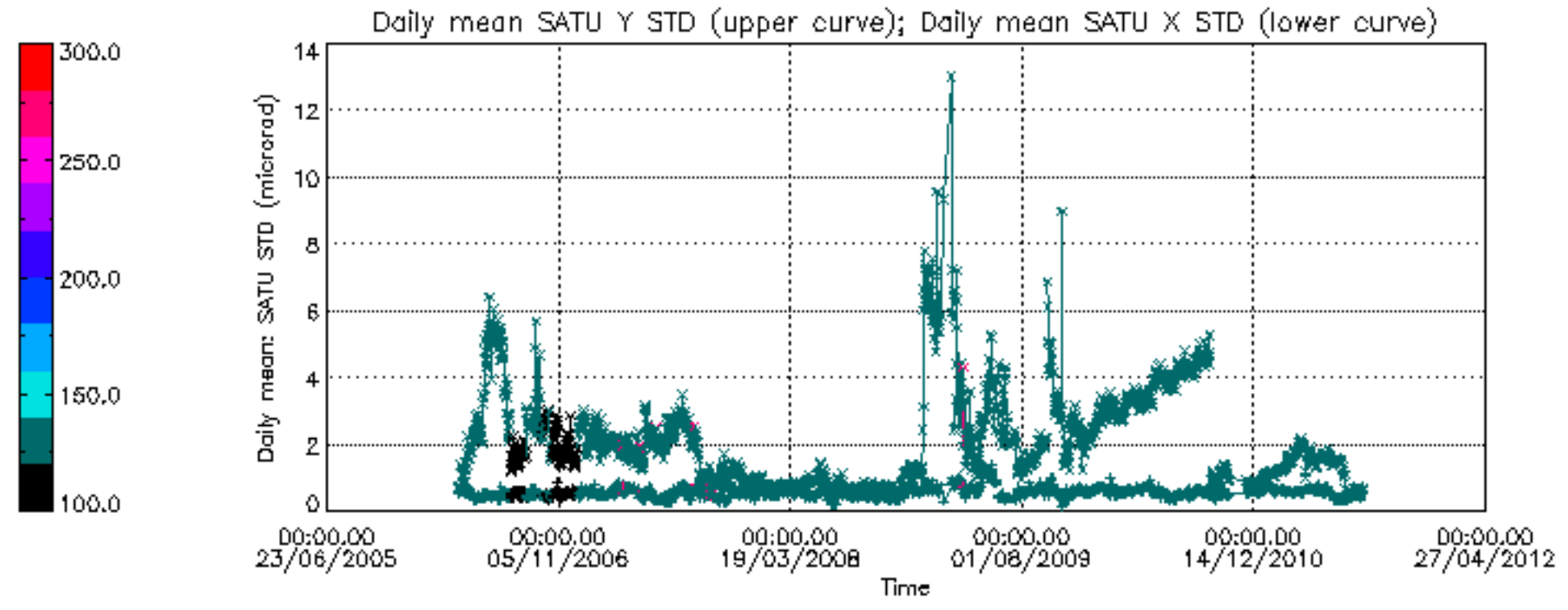


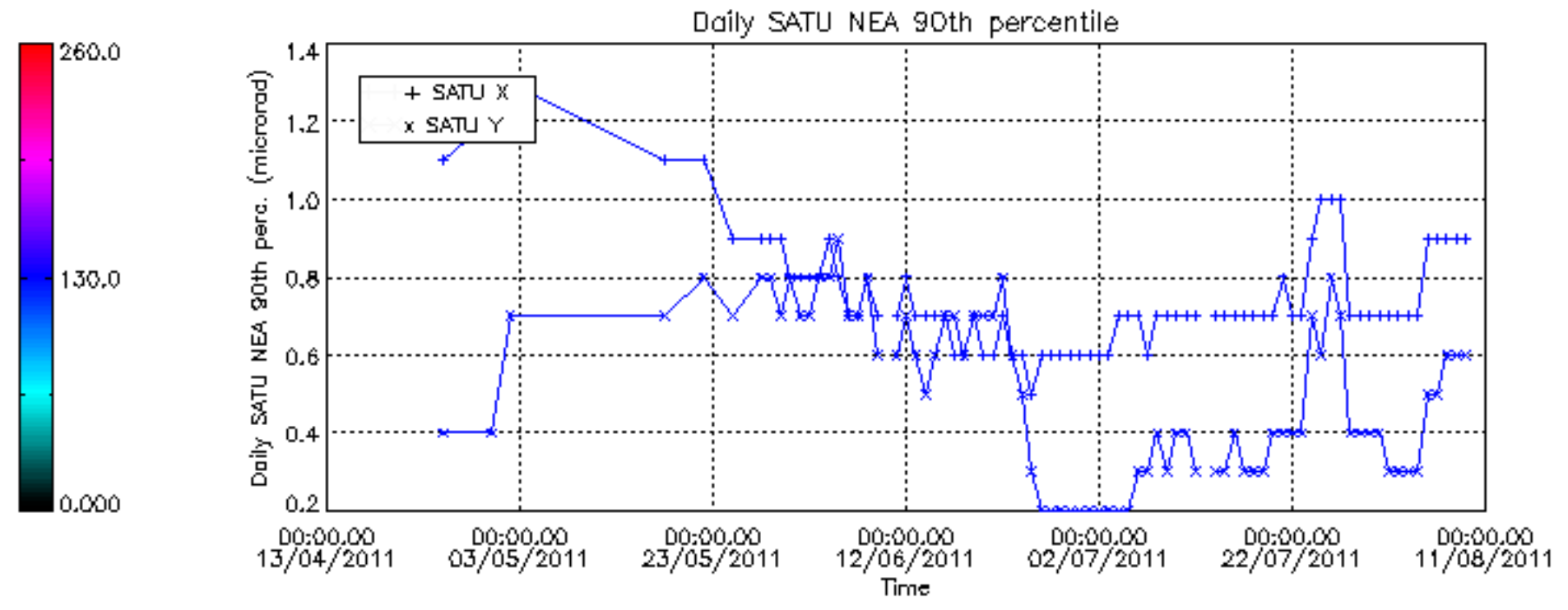
Tangent altitude at which the star is lost











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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20110801_103324_000008403105_00109_49261_4939.N1
 1; 313.1; 01-AUG-2011 10:33:24; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;49261
 2; 604.0; 01-AUG-2011 10:38:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;49261
 3; 920.3; 01-AUG-2011 10:43:31; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;49261
 4; 1107.1; 01-AUG-2011 10:46:38; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;49261
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110801_001705_000057693105_00102_49254_6225.N1
 1; -581.9; 01-AUG-2011 00:17:05; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;49254
 2; -292.6; 01-AUG-2011 00:21:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49254
 3; 308.7; 01-AUG-2011 00:31:56; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49255
 4; 597.5; 01-AUG-2011 00:36:45; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;49255
 5; 917.1; 01-AUG-2011 00:42:04; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49255
 6; 1104.3; 01-AUG-2011 00:45:11; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;49255
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 8; 2557.5; 01-AUG-2011 01:09:25; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;49255
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4; 328.8; 03-AUG-2011 00:59:01; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49284
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22; 2671.5; 03-AUG-2011 06:38:46; Bright; 36.5; 144; 18Del Cyg ; 2.86; 11000;occ; 73; 0;49287
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4; 2670.9; 03-AUG-2011 13:19:41; Bright; 35.5; 144; 18Del Cyg ; 2.86; 11000;occ; 71; 0;49291
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6; 3938.3; 03-AUG-2011 13:40:49; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;49291
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 7; 3052.9; 03-AUG-2011 18:26:45; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;49294
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 10; 4179.7; 03-AUG-2011 18:45:32; Bright; 43.0; 6; 13Alp Aur ; 0.08; 3400;occ; 86; 0;49294
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 4; 132.4; 10-AUG-2011 23:22:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;49398
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12; 3422.5; 14-AUG-2011 21:50:11; Bright; 26.0; 76; 27Gam Cas ; 2.30; 30000;occ; 52; 0;49454
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4; 198.1; 14-AUG-2011 22:36:40; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;49455
5; 446.5; 14-AUG-2011 22:40:49; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49455
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12; 2101.4; 14-AUG-2011 23:08:24; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;49455
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 11; 3424.0; 14-AUG-2011 18:29:44; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;49452
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 5; 1911.0; 14-AUG-2011 19:44:45; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;49453
 6; 2102.2; 14-AUG-2011 19:47:56; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;49453
 7; 2489.3; 14-AUG-2011 19:54:24; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49453
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13; 5101.0; 15-AUG-2011 11:40:01; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;49462
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17; 5567.6; 15-AUG-2011 11:47:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49462
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7; 2679.0; 15-AUG-2011 12:39:53; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49463
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 24; 6469.5; 15-AUG-2011 20:23:59; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49468
 25; 6813.1; 15-AUG-2011 20:29:43; Dark ; 57.5; 84; Alp Phe ; 2.40; 4500;occ; 115; 0;49468
 26; 7023.5; 15-AUG-2011 20:33:13; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;49468

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 6; 801.6; 16-AUG-2011 01:30:27; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;49471
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 9; 1581.7; 16-AUG-2011 01:43:27; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;49471
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 11; 1906.8; 16-AUG-2011 01:48:52; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;49471
 12; 2096.6; 16-AUG-2011 01:52:02; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;49471
 13; 2485.8; 16-AUG-2011 01:58:32; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;49471
 14; 2581.9; 16-AUG-2011 02:00:08; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49471
 15; 2677.5; 16-AUG-2011 02:01:43; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49471
 16; 2996.3; 16-AUG-2011 02:07:02; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49471
 17; 3276.7; 16-AUG-2011 02:11:42; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;49471
 18; 3409.7; 16-AUG-2011 02:13:55; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;49471
 19; 4170.3; 16-AUG-2011 02:26:36; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;49471
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 22; 4701.8; 16-AUG-2011 02:35:28; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;49471
 23; 4913.5; 16-AUG-2011 02:38:59; Dark ; 54.5; 14; 58Alp Ori ; 0.87; 3000;occ; 109; 0;49471
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 25; 5191.8; 16-AUG-2011 02:43:37; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;49471
 26; 5287.3; 16-AUG-2011 02:45:13; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;49471
 27; 5398.1; 16-AUG-2011 02:47:04; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49471
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 29; 6232.0; 16-AUG-2011 03:00:58; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;49472
 30; 6472.2; 16-AUG-2011 03:04:58; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49472
 31; 6816.5; 16-AUG-2011 03:10:42; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49472
 32; 7024.9; 16-AUG-2011 03:14:11; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;49472
 33; 7261.1; 16-AUG-2011 03:18:07; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;49472
 34; 7596.0; 16-AUG-2011 03:23:42; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;49472
 35; 7801.5; 16-AUG-2011 03:27:07; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;49472
 36; 7920.8; 16-AUG-2011 03:29:06; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;49472
 37; 8110.4; 16-AUG-2011 03:32:16; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;49472
 38; 8499.7; 16-AUG-2011 03:38:45; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49472
 39; 8595.9; 16-AUG-2011 03:40:22; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49472
 40; 8691.4; 16-AUG-2011 03:41:57; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;49472
 41; 9010.1; 16-AUG-2011 03:47:16; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;49472
 42; 9290.1; 16-AUG-2011 03:51:56; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49472
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12; 458.9; 16-AUG-2011 04:45:13; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49473
13; 803.3; 16-AUG-2011 04:50:57; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49473
14; 1011.4; 16-AUG-2011 04:54:25; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;49473
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21; 2581.9; 16-AUG-2011 05:20:36; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49473
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24; 3275.4; 16-AUG-2011 05:32:09; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;49473
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3; -1481.7; 16-AUG-2011 05:53:06; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;49473
4; -1311.8; 16-AUG-2011 05:55:56; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49473
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11; 220.5; 16-AUG-2011 06:21:28; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;49474
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13; 804.2; 16-AUG-2011 06:31:12; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49474
14; 1011.7; 16-AUG-2011 06:34:39; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;49474
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17; 1787.5; 16-AUG-2011 06:47:35; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;49474
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3; 1583.2; 16-AUG-2011 20:06:03; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49482
4; 1787.4; 16-AUG-2011 20:09:27; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;49482
5; 1904.5; 16-AUG-2011 20:11:24; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;49482
6; 2093.5; 16-AUG-2011 20:14:33; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49482
7; 2483.8; 16-AUG-2011 20:21:03; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49482
8; 2580.9; 16-AUG-2011 20:22:41; Bright; 35.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 70; 0;49482
9; 2675.5; 16-AUG-2011 20:24:15; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;49482
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13; 4346.5; 16-AUG-2011 20:52:06; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;49482
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15; 4704.5; 16-AUG-2011 20:58:04; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;49482
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14; 1012.1; 16-AUG-2011 08:14:54; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;49475
15; 1248.4; 16-AUG-2011 08:18:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;49475
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13; 4702.8; 16-AUG-2011 09:16:25; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;49475
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18; 5208.7; 17-AUG-2011 20:29:44; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;49496
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22; 6261.9; 17-AUG-2011 20:47:17; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49497
23; 6489.1; 17-AUG-2011 20:51:04; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49497
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 14; 2481.2; 18-AUG-2011 02:25:12; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49500
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 17; 2989.5; 18-AUG-2011 02:33:41; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49500
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 21; 2579.7; 18-AUG-2011 04:07:05; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;49501
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5; 1899.2; 18-AUG-2011 20:38:04; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49511
6; 2086.1; 18-AUG-2011 20:41:11; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;49511
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9; 2987.0; 18-AUG-2011 20:56:12; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49511
10; 3246.5; 18-AUG-2011 21:00:32; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49511
11; 4165.8; 18-AUG-2011 21:15:51; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49511
12; 4348.4; 18-AUG-2011 21:18:53; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;49511
13; 4539.7; 18-AUG-2011 21:22:05; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49511
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13; 2085.8; 18-AUG-2011 22:21:25; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;49512
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 9; 3216.4; 21-AUG-2011 17:29:35; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;49552
 10; 3349.6; 21-AUG-2011 17:31:48; Bright; 26.0; 76; 27Gam Cas ; 2.30; 30000;occ; 52; 0;49552
 11; 4160.2; 21-AUG-2011 17:45:18; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;49552
 12; 4350.6; 21-AUG-2011 17:48:29; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;49552
 13; 4548.4; 21-AUG-2011 17:51:47; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;49552
 14; 4723.8; 21-AUG-2011 17:54:42; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;49552
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 21; 5641.0; 21-AUG-2011 18:09:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49552
 22; 6329.8; 21-AUG-2011 18:21:28; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49553
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 9; 3215.7; 21-AUG-2011 19:09:48; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49553
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 13; 4548.7; 21-AUG-2011 19:32:01; Dark ; 55.0; 28; 12Bet Tau ; 1.65; 15200;occ; 110; 0;49553
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 17; 5163.2; 21-AUG-2011 19:42:15; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;49553
 18; 5251.9; 21-AUG-2011 19:43:44; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;49553
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 21; 5641.8; 21-AUG-2011 19:50:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49553
 22; 6330.9; 21-AUG-2011 20:01:43; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49554
 23; 6527.0; 21-AUG-2011 20:04:59; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49554
 24; 6880.2; 21-AUG-2011 20:10:52; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;49554
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 7; 868.3; 22-AUG-2011 01:11:36; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49557
 8; 997.2; 22-AUG-2011 01:13:45; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;49557
 9; 1279.4; 22-AUG-2011 01:18:27; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;49557
 10; 1592.0; 22-AUG-2011 01:23:40; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49557
 11; 1788.2; 22-AUG-2011 01:26:56; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;49557
 12; 1892.4; 22-AUG-2011 01:28:40; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;49557
 13; 2076.6; 22-AUG-2011 01:31:45; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;49557
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 17; 3212.9; 22-AUG-2011 01:50:41; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49557
 18; 3345.6; 22-AUG-2011 01:52:54; Bright; 29.0; 76; 27Gam Cas ; 2.30; 30000;occ; 58; 0;49557
 19; 4159.4; 22-AUG-2011 02:06:27; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;49557
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 22; 4725.1; 22-AUG-2011 02:15:53; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;49557
 23; 4955.9; 22-AUG-2011 02:19:44; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;49557
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9; 997.7; 22-AUG-2011 02:54:00; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;49558
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12; 1788.2; 22-AUG-2011 03:07:10; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49558
13; 1892.3; 22-AUG-2011 03:08:54; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;49558
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18; 3212.2; 22-AUG-2011 03:30:54; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49558
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10; -367.7; 22-AUG-2011 04:11:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49558
11; 322.9; 22-AUG-2011 04:22:59; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;49559
12; 516.3; 22-AUG-2011 04:26:12; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49559
13; 869.8; 22-AUG-2011 04:32:06; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49559
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4; 1593.4; 22-AUG-2011 21:26:29; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49569
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6; 1890.9; 22-AUG-2011 21:31:27; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;49569
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8; 2473.7; 22-AUG-2011 21:41:10; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49569
9; 2664.8; 22-AUG-2011 21:44:21; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;49569
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11; 3204.1; 22-AUG-2011 21:53:20; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49569
12; 3336.6; 22-AUG-2011 21:55:33; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;49569
13; 4157.3; 22-AUG-2011 22:09:13; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;49569
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6; 523.5; 22-AUG-2011 22:48:53; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49570
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 25; 5287.8; 23-AUG-2011 00:08:18; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;49570
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 5; -1056.5; 22-AUG-2011 07:20:28; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;49560
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 8; -730.5; 22-AUG-2011 07:25:54; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;49560
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 10; -487.4; 22-AUG-2011 07:29:57; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;49560
 11; -365.9; 22-AUG-2011 07:31:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49560
 12; 325.3; 22-AUG-2011 07:43:29; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49561
 13; 517.5; 22-AUG-2011 07:46:42; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49561
 14; 871.3; 22-AUG-2011 07:52:35; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;49561
 15; 998.7; 22-AUG-2011 07:54:43; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;49561
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 5; 2665.6; 22-AUG-2011 08:22:30; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49561
 6; 2976.8; 22-AUG-2011 08:27:41; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49561
 7; 3210.0; 22-AUG-2011 08:31:34; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49561
 8; 3342.6; 22-AUG-2011 08:33:47; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;49561
 9; 4158.7; 22-AUG-2011 08:47:23; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;49561
 10; 4351.0; 22-AUG-2011 08:50:35; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49561
 11; 4550.2; 22-AUG-2011 08:53:54; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49561
 12; 4726.2; 22-AUG-2011 08:56:50; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;49561
 13; 4958.1; 22-AUG-2011 09:00:42; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;49561
 14; 5051.7; 22-AUG-2011 09:02:16; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;49561
 15; 5169.4; 22-AUG-2011 09:04:14; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;49561
 16; 5283.9; 22-AUG-2011 09:06:08; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;49561
 17; 5370.7; 22-AUG-2011 09:07:35; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;49561
 18; 5527.5; 22-AUG-2011 09:10:12; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;49561
 19; 5649.0; 22-AUG-2011 09:12:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49561
 20; 6340.5; 22-AUG-2011 09:23:45; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49562
 21; 6532.2; 22-AUG-2011 09:26:56; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;49562
 22; 6885.9; 22-AUG-2011 09:32:50; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49562
 23; 7013.1; 22-AUG-2011 09:34:57; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;49562
 24; 7295.0; 22-AUG-2011 09:39:39; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;49562
 25; 7606.6; 22-AUG-2011 09:44:51; Bright; 40.0; 142; 49Del Cap ; 2.85; 8900;occ; 80; 0;49562

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 5; 524.1; 23-AUG-2011 00:29:08; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;49571
 6; 878.2; 23-AUG-2011 00:35:02; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49571

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11; 1890.8; 23-AUG-2011 00:51:55; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;49571
12; 2074.3; 23-AUG-2011 00:54:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;49571
13; 2473.7; 23-AUG-2011 01:01:37; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49571
14; 2664.9; 23-AUG-2011 01:04:49; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;49571
15; 2975.1; 23-AUG-2011 01:09:59; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49571
16; 3202.8; 23-AUG-2011 01:13:47; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;49571
17; 3335.3; 23-AUG-2011 01:15:59; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;49571
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19; 4351.6; 23-AUG-2011 01:32:55; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;49571
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22; 4963.6; 23-AUG-2011 01:43:07; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;49571
23; 5177.4; 23-AUG-2011 01:46:41; Dark ; 34.0; 30; 46Eps Ori ; 1.69; 30000;occ; 68; 0;49571
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6; 338.8; 23-AUG-2011 02:06:17; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;49572
7; 524.9; 23-AUG-2011 02:09:23; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;49572
8; 879.1; 23-AUG-2011 02:15:17; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49572
9; 1002.9; 23-AUG-2011 02:17:21; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;49572
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11; 1593.8; 23-AUG-2011 02:27:11; Bright; 40.5; 142; 49Del Cap ; 2.85; 8900;occ; 81; 0;49572
12; 1788.7; 23-AUG-2011 02:30:26; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;49572
13; 1890.6; 23-AUG-2011 02:32:08; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;49572
14; 2074.1; 23-AUG-2011 02:35:12; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49572
15; 2473.6; 23-AUG-2011 02:41:51; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49572
16; 2664.8; 23-AUG-2011 02:45:03; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;49572
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11; 340.2; 23-AUG-2011 03:46:32; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49573
12; 525.5; 23-AUG-2011 03:49:37; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49573
13; 879.9; 23-AUG-2011 03:55:32; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;49573
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16; 1594.0; 23-AUG-2011 04:07:26; Bright; 41.5; 142; 49Del Cap ; 2.85; 8900;occ; 83; 0;49573
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19; 2074.0; 23-AUG-2011 04:15:26; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49573
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21; 2664.8; 23-AUG-2011 04:25:16; Bright; 53.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 106; 0;49573
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23; 3201.4; 23-AUG-2011 04:34:13; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49573
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23; 3200.6; 23-AUG-2011 06:14:26; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49574
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23; 7019.8; 23-AUG-2011 15:39:15; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;49580
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19; 6936.8; 27-AUG-2011 14:51:09; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;49637
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 9; 1792.0; 27-AUG-2011 23:26:48; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49642
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16; 1792.7; 28-AUG-2011 06:07:44; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;49646
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