

GOMOS Daily Report 14-AUG-2009

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	17AUG2009 04:48:23
Data source version	GOMOS/5.00
Start time of products	14AUG2009 00:01:16
Stop time of products	14AUG2009 23:57:38
Store outputs in DB	Yes
Nb of level 1b prods	98
Nb of prods with errors	1

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

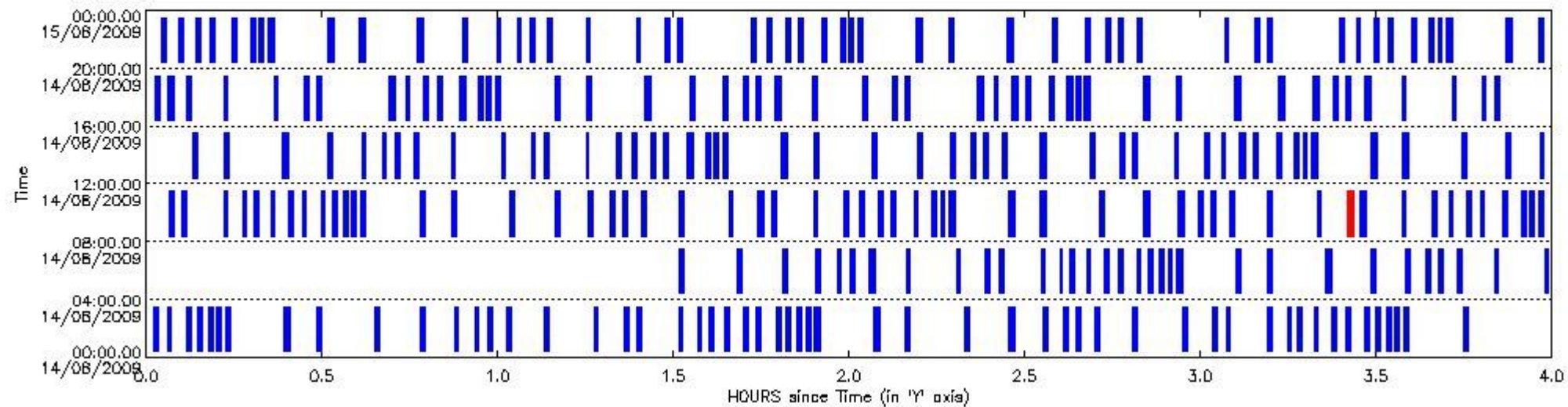
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
14-AUG-2009 11:25:04	11BetCas	74	38983

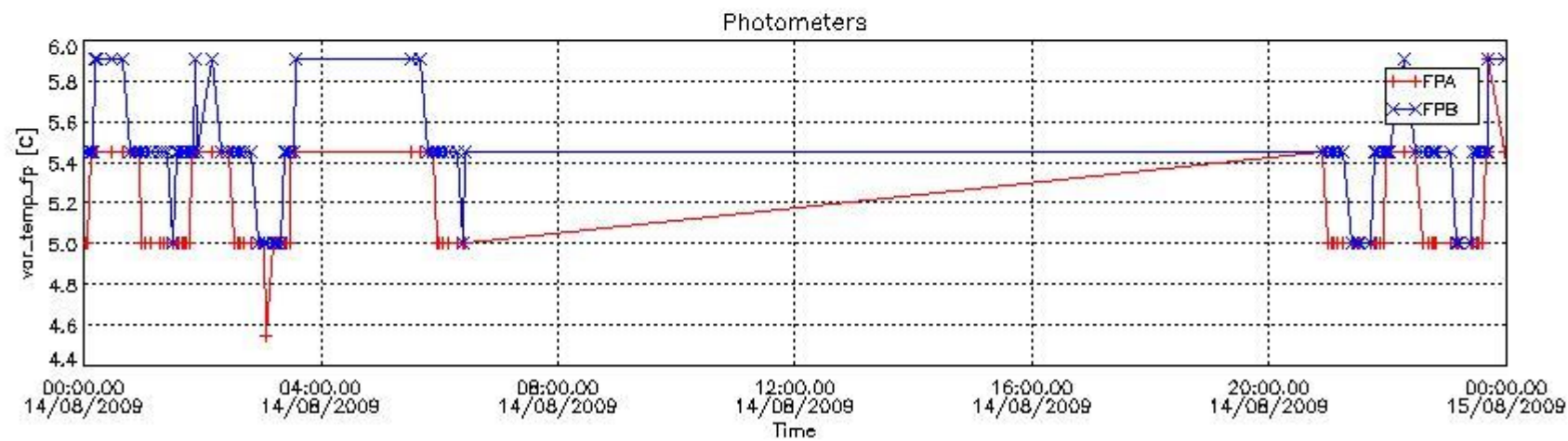
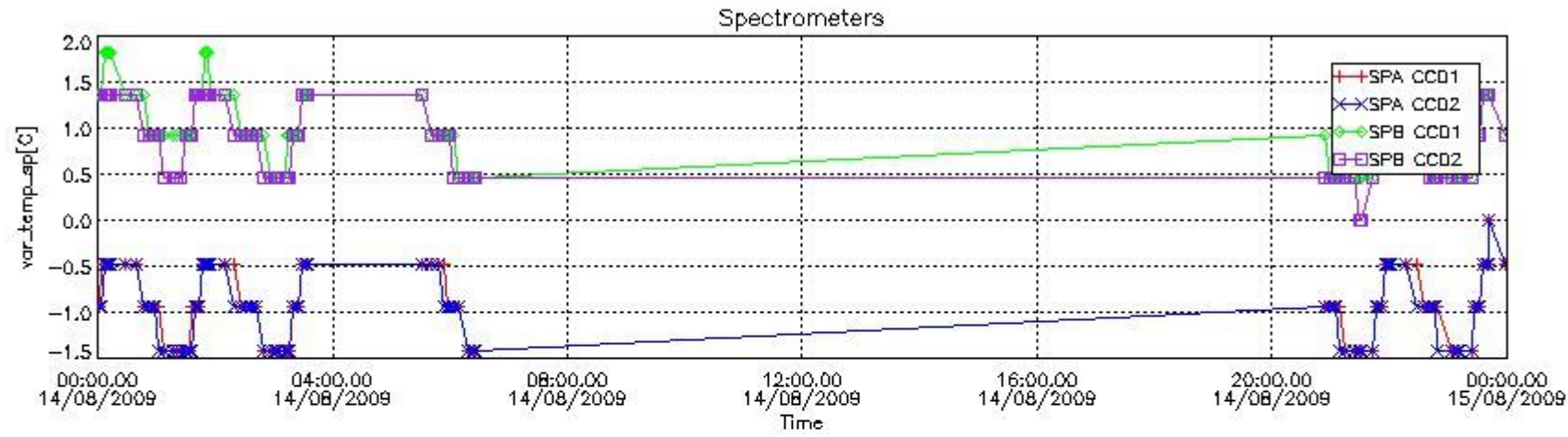
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090814_000116_000000492081_00345_38976_9922.N1	14-AUG-2009 00:01:16	Twilight_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38976	No
2	GOM_TRA_1PNPDE20090814_000334_000000452081_00345_38976_9923.N1	14-AUG-2009 00:03:34	Twilight_stray	44.500	176	23Zet Tau	3.0200	22000.	89	38976	No
3	GOM_TRA_1PNPDE20090814_000652_000000472081_00345_38976_9924.N1	14-AUG-2009 00:06:52	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	38976	No
4	GOM_TRA_1PNPDE20090814_000839_000000522081_00345_38976_9925.N1	14-AUG-2009 00:08:39	Dark	51.500	27	24Gam Ori	1.6360	26000.	103	38976	No
5	GOM_TRA_1PNPDE20090814_001035_000000492081_00345_38976_9926.N1	14-AUG-2009 00:10:35	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	38976	No
6	GOM_TRA_1PNPDE20090814_001159_000000452081_00345_38976_9927.N1	14-AUG-2009 00:11:59	Dark	44.500	125	44lot Ori	2.7700	30000.	89	38976	No
7	GOM_TRA_1PNPDE20090814_001328_000000552081_00345_38976_9928.N1	14-AUG-2009 00:13:28	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	38976	No
8	GOM_TRA_1PNPDE20090814_002859_000000522081_00346_38977_0055.N1	14-AUG-2009 00:28:59	Dark	52.000	157	The1Eri	2.9060	9300.0	104	38977	No
9	GOM_TRA_1PNPDE20090814_003859_000000572081_00346_38977_0056.N1	14-AUG-2009 00:38:59	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38977	No
10	GOM_TRA_1PNPDE20090814_004643_000000572081_00346_38977_0057.N1	14-AUG-2009 00:46:43	Twilight_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38977	No

11	GOM_TRA_1PNPDE20090814_005233_000000442081_00346_38977_0058.N1	14-AUG-2009 00:52:33	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	38977	No
12	GOM_TRA_1PNPDE20090814_005605_000000432081_00346_38977_0059.N1	14-AUG-2009 00:56:05	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38977	No
13	GOM_TRA_1PNPDE20090814_005815_000000492081_00346_38977_0060.N1	14-AUG-2009 00:58:15	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	38977	No
14	GOM_TRA_1PNPDE20090814_010129_000000482081_00346_38977_0061.N1	14-AUG-2009 01:01:29	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	38977	No
15	GOM_TRA_1PNPDE20090814_010754_000000562081_00346_38977_0062.N1	14-AUG-2009 01:07:54	Bright	56.000	92	53Eps Cyg	2.5000	4500.0	112	38977	No
16	GOM_TRA_1PNPDE20090814_011629_000000382081_00346_38977_0063.N1	14-AUG-2009 01:16:29	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38977	No
17	GOM_TRA_1PNPDE20090814_012134_000000482081_00346_38977_0064.N1	14-AUG-2009 01:21:34	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38977	No
18	GOM_TRA_1PNPDE20090814_012346_000000512081_00346_38977_0065.N1	14-AUG-2009 01:23:46	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38977	No
19	GOM_TRA_1PNPDE20090814_013058_000000392081_00346_38977_0066.N1	14-AUG-2009 01:30:58	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	38977	No
20	GOM_TRA_1PNPDE20090814_013412_000000342081_00346_38977_0067.N1	14-AUG-2009 01:34:12	Twi_and_stray	34.000	175	39Del Per	3.0100	19400.	68	38977	No
21	GOM_TRA_1PNPDE20090814_013600_000000482081_00346_38977_0068.N1	14-AUG-2009 01:36:00	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38977	No
22	GOM_TRA_1PNPDE20090814_013850_000000392081_00346_38977_0069.N1	14-AUG-2009 01:38:50	Bright	39.000	107	37The Aur	2.6490	11000.	78	38977	No
23	GOM_TRA_1PNPDE20090814_014152_000000522081_00346_38977_0070.N1	14-AUG-2009 01:41:52	Twi_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	38977	No
24	GOM_TRA_1PNPDE20090814_014410_000000482081_00346_38977_0071.N1	14-AUG-2009 01:44:10	Twi_and_stray	47.500	176	23Zet Tau	3.0200	22000.	95	38977	No
25	GOM_TRA_1PNPDE20090814_014729_000000472081_00346_38977_0072.N1	14-AUG-2009 01:47:29	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	38977	No
26	GOM_TRA_1PNPDE20090814_014915_000000522081_00346_38977_0073.N1	14-AUG-2009 01:49:15	Dark	51.500	27	24Gam Ori	1.6360	26000.	103	38977	No
27	GOM_TRA_1PNPDE20090814_015111_000000472081_00346_38977_0208.N1	14-AUG-2009 01:51:11	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38977	No
28	GOM_TRA_1PNPDE20090814_015235_000000462081_00346_38977_0209.N1	14-AUG-2009 01:52:35	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	38977	No
29	GOM_TRA_1PNPDE20090814_015405_000000582081_00346_38977_0210.N1	14-AUG-2009 01:54:05	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	38977	No
30	GOM_TRA_1PNPDE20090814_020936_000000502081_00347_38978_0211.N1	14-AUG-2009 02:09:36	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38978	No
31	GOM_TRA_1PNPDE20090814_021936_000000562081_00347_38978_0212.N1	14-AUG-2009 02:19:36	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38978	No
32	GOM_TRA_1PNPDE20090814_022720_000000542081_00347_38978_0213.N1	14-AUG-2009 02:27:20	Twi_and_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	38978	No
33	GOM_TRA_1PNPDE20090814_023309_000000452081_00347_38978_0214.N1	14-AUG-2009 02:33:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38978	No
34	GOM_TRA_1PNPDE20090814_023642_000000412081_00347_38978_0215.N1	14-AUG-2009 02:36:42	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	38978	No
35	GOM_TRA_1PNPDE20090814_023851_000000502081_00347_38978_0216.N1	14-AUG-2009 02:38:51	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	38978	No
36	GOM_TRA_1PNPDE20090814_024204_000000482081_00347_38978_0217.N1	14-AUG-2009 02:42:04	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	38978	No
37	GOM_TRA_1PNPDE20090814_024829_000000382081_00347_38978_0218.N1	14-AUG-2009 02:48:29	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38978	No
38	GOM_TRA_1PNPDE20090814_025704_000000362081_00347_38978_0219.N1	14-AUG-2009 02:57:04	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	38978	No
39	GOM_TRA_1PNPDE20090814_030209_000000462081_00347_38978_0220.N1	14-AUG-2009 03:02:09	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	38978	No
40	GOM_TRA_1PNPDE20090814_030421_000000472081_00347_38978_0221.N1	14-AUG-2009 03:04:21	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38978	No
41	GOM_TRA_1PNPDE20090814_031133_000000382081_00347_38978_0365.N1	14-AUG-2009 03:11:33	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	38978	No
42	GOM_TRA_1PNPDE20090814_031447_000000322081_00347_38978_0366.N1	14-AUG-2009 03:14:47	Twi_and_stray	32.000	175	39Del Per	3.0100	19400.	64	38978	No
43	GOM_TRA_1PNPDE20090814_031636_000000472081_00347_38978_0367.N1	14-AUG-2009 03:16:36	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	38978	No
44	GOM_TRA_1PNPDE20090814_031925_000000402081_00347_38978_0368.N1	14-AUG-2009 03:19:25	Bright	39.500	107	37The Aur	2.6490	11000.	79	38978	No
45	GOM_TRA_1PNPDE20090814_032228_000000482081_00347_38978_0369.N1	14-AUG-2009 03:22:28	Twi_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	38978	No
46	GOM_TRA_1PNPDE20090814_032447_000000462081_00347_38978_0370.N1	14-AUG-2009 03:24:47	Twi_and_stray	46.000	176	23Zet Tau	3.0200	22000.	92	38978	No
47	GOM_TRA_1PNPDE20090814_032805_000000432081_00347_38978_0371.N1	14-AUG-2009 03:28:05	Dark	43.000	13	87Alp Tau	0.86700	3800.0	86	38978	No
48	GOM_TRA_1PNPDE20090814_032951_000000522081_00347_38978_0372.N1	14-AUG-2009 03:29:51	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	38978	No
49	GOM_TRA_1PNPDE20090814_033148_000000472081_00347_38978_0373.N1	14-AUG-2009 03:31:48	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38978	No
50	GOM_TRA_1PNPDE20090814_033312_000000462081_00347_38978_0374.N1	14-AUG-2009 03:33:12	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	38978	No
51	GOM_TRA_1PNPDE20090814_033442_000000582081_00347_38978_0375.N1	14-AUG-2009 03:34:42	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	38978	No
52	GOM_TRA_1PNPDE20090814_053051_000000502081_00349_38980_0556.N1	14-AUG-2009 05:30:51	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38980	No
53	GOM_TRA_1PNPDE20090814_054050_000000542081_00349_38980_0557.N1	14-AUG-2009 05:40:50	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38980	No
54	GOM_TRA_1PNPDE20090814_054833_000000552081_00349_38980_0558.N1	14-AUG-2009 05:48:33	Twi_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	38980	No
55	GOM_TRA_1PNPDE20090814_055422_000000452081_00349_38980_0559.N1	14-AUG-2009 05:54:22	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38980	No
56	GOM_TRA_1PNPDE20090814_055753_000000412081_00349_38980_0560.N1	14-AUG-2009 05:57:53	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	38980	No
57	GOM_TRA_1PNPDE20090814_060002_000000502081_00349_38980_0561.N1	14-AUG-2009 06:00:02	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	38980	No
58	GOM_TRA_1PNPDE20090814_060316_000000662081_00349_38980_0562.N1	14-AUG-2009 06:03:16	Bright	66.000	61	8Eps Peg	2.1000	3900.0	132	38980	No
59	GOM_TRA_1PNPDE20090814_060941_000000372081_00349_38980_0563.N1	14-AUG-2009 06:09:41	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	38980	No
60	GOM_TRA_1PNPDE20090814_061816_000000392081_00349_38980_0564.N1	14-AUG-2009 06:18:16	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38980	No
61	GOM_TRA_1PNPDE20090814_062319_000000492081_00349_38980_0565.N1	14-AUG-2009 06:23:19	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38980	No
62	GOM_TRA_1PNPDE20090814_062532_000000492081_00349_38980_0566.N1	14-AUG-2009 06:25:32	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38980	No
63	GOM_TRA_1PNPDE20090814_205400_000000532081_00358_38989_1005.N1	14-AUG-2009 20:54:00	Twi_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	38989	No
64	GOM_TRA_1PNPDE20090814_205946_000000412081_00358_38989_1006.N1	14-AUG-2009 20:59:46	Bright	40.500	142	49Del Cap	2.8500	8900.0	81	38989	No
65	GOM_TRA_1PNPDE20090814_210316_000000422081_00358_38989_1007.N1	14-AUG-2009 21:03:16	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	38989	No
66	GOM_TRA_1PNPDE20090814_210523_000000492081_00358_38989_1008.N1	14-AUG-2009 21:05:23	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	38989	No
67	GOM_TRA_1PNPDE20090814_210836_000000472081_00358_38989_1009.N1	14-AUG-2009 21:08:36	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38989	No
68	GOM_TRA_1PNPDE20090814_211507_000000332081_00358_38989_1010.N1	14-AUG-2009 21:15:07	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	38989	No
69	GOM_TRA_1PNPDE20090814_212337_000000392081_00358_38989_1011.N1	14-AUG-2009 21:23:37	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38989	No

70	GOM_TRA_1PNPDE20090814_212836_000000502081_00358_38989_1012.N1	14-AUG-2009 21:28:36	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38989	No
71	GOM_TRA_1PNPDE20090814_213048_000000482081_00358_38989_1013.N1	14-AUG-2009 21:30:48	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38989	No
72	GOM_TRA_1PNPDE20090814_214311_000000502081_00358_38989_1014.N1	14-AUG-2009 21:43:11	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	38989	No
73	GOM_TRA_1PNPDE20090814_214602_000000422081_00358_38989_1015.N1	14-AUG-2009 21:46:02	Bright	42.000	107	37The Aur	2.6490	11000.	84	38989	No
74	GOM_TRA_1PNPDE20090814_214906_000000532081_00358_38989_1016.N1	14-AUG-2009 21:49:06	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	38989	No
75	GOM_TRA_1PNPDE20090814_215125_000000462081_00358_38989_1017.N1	14-AUG-2009 21:51:25	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	38989	No
76	GOM_TRA_1PNPDE20090814_215521_000000512081_00358_38989_1018.N1	14-AUG-2009 21:55:21	Dark	50.500	14	58Alp Ori	0.87000	3000.0	101	38989	No
77	GOM_TRA_1PNPDE20090814_215829_000000482081_00358_38989_1019.N1	14-AUG-2009 21:58:29	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	38989	No
78	GOM_TRA_1PNPDE20090814_215954_000000462081_00358_38989_1020.N1	14-AUG-2009 21:59:54	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38989	No
79	GOM_TRA_1PNPDE20090814_220125_000000512081_00358_38989_1152.N1	14-AUG-2009 22:01:25	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	38989	No
80	GOM_TRA_1PNPDE20090814_221701_000000502081_00359_38990_1153.N1	14-AUG-2009 22:17:01	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38990	No
81	GOM_TRA_1PNPDE20090814_222658_000000572081_00359_38990_1154.N1	14-AUG-2009 22:26:58	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38990	No
82	GOM_TRA_1PNPDE20090814_223436_000000552081_00359_38990_1155.N1	14-AUG-2009 22:34:36	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38990	No
83	GOM_TRA_1PNPDE20090814_224022_000000532081_00359_38990_1156.N1	14-AUG-2009 22:40:22	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	38990	No
84	GOM_TRA_1PNPDE20090814_224352_000000432081_00359_38990_1157.N1	14-AUG-2009 22:43:52	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38990	No
85	GOM_TRA_1PNPDE20090814_224559_000000492081_00359_38990_1158.N1	14-AUG-2009 22:45:59	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	38990	No
86	GOM_TRA_1PNPDE20090814_224911_000000472081_00359_38990_1159.N1	14-AUG-2009 22:49:11	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	38990	No
87	GOM_TRA_1PNPDE20090814_230413_000000382081_00359_38990_1160.N1	14-AUG-2009 23:04:13	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38990	No
88	GOM_TRA_1PNPDE20090814_230911_000000482081_00359_38990_1161.N1	14-AUG-2009 23:09:11	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38990	No
89	GOM_TRA_1PNPDE20090814_231123_000000472081_00359_38990_1162.N1	14-AUG-2009 23:11:23	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38990	No
90	GOM_TRA_1PNPDE20090814_232347_000000522081_00359_38990_1163.N1	14-AUG-2009 23:23:47	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	38990	No
91	GOM_TRA_1PNPDE20090814_232637_000000402081_00359_38990_1164.N1	14-AUG-2009 23:26:37	Bright	40.000	107	37The Aur	2.6490	11000.	80	38990	No
92	GOM_TRA_1PNPDE20090814_232941_000000522081_00359_38990_1165.N1	14-AUG-2009 23:29:41	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	38990	No
93	GOM_TRA_1PNPDE20090814_233201_000000472081_00359_38990_1166.N1	14-AUG-2009 23:32:01	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	38990	No
94	GOM_TRA_1PNPDE20090814_233557_000000562081_00359_38990_1167.N1	14-AUG-2009 23:35:57	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	38990	No
95	GOM_TRA_1PNPDE20090814_233906_000000492081_00359_38990_1168.N1	14-AUG-2009 23:39:06	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	38990	No
96	GOM_TRA_1PNPDE20090814_234030_000000462081_00359_38990_1169.N1	14-AUG-2009 23:40:30	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38990	No
97	GOM_TRA_1PNPDE20090814_234202_000000602081_00359_38990_1303.N1	14-AUG-2009 23:42:02	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	38990	Yes
98	GOM_TRA_1PNPDE20090814_235738_000000502081_00360_38991_1304.N1	14-AUG-2009 23:57:38	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38991	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).

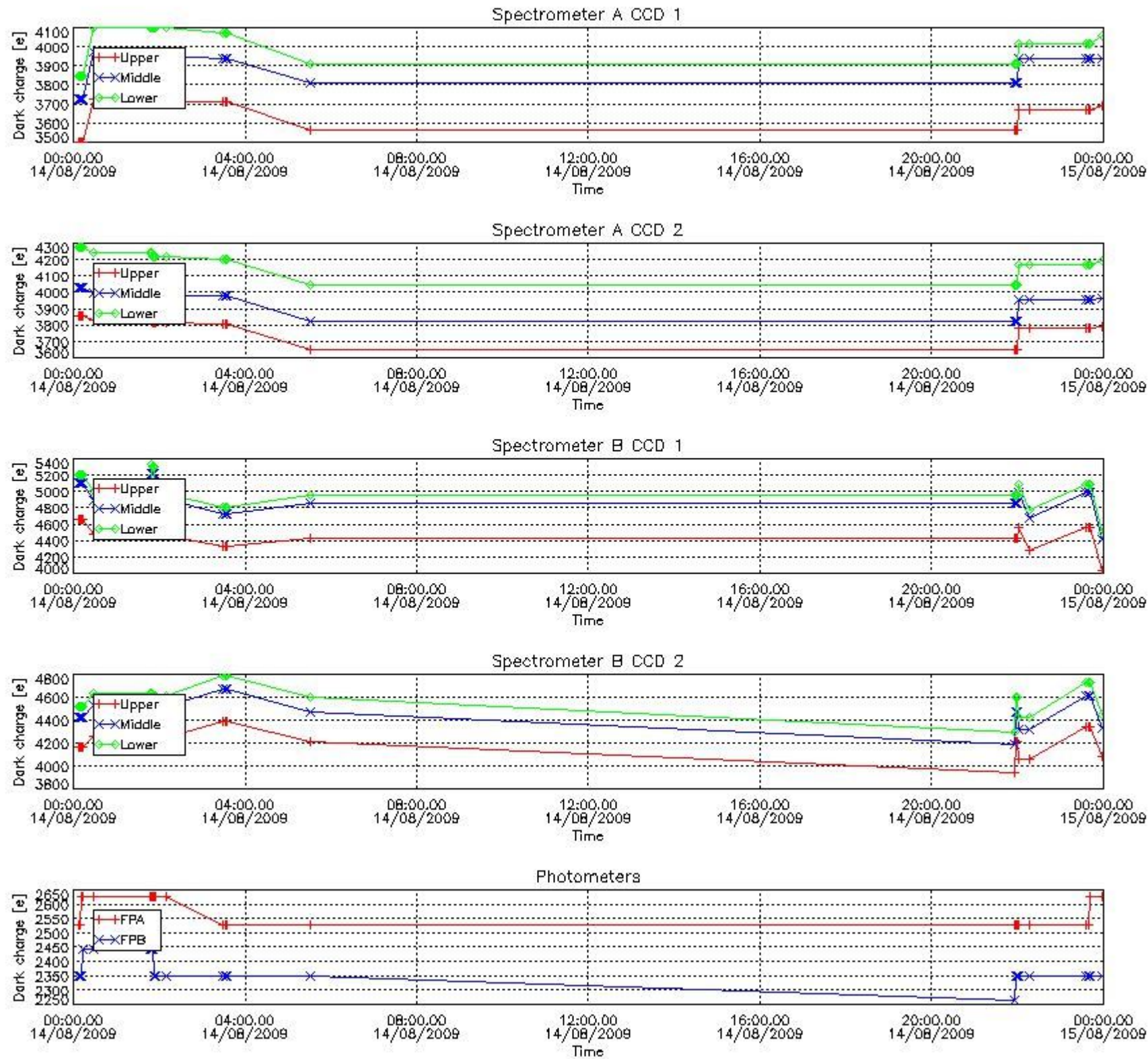
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20090814_053051_000000502081_00349_38980_0556.N1	DC map used
GOM_TRA_1PNPDE20090814_054050_000000542081_00349_38980_0557.N1	DC map used
GOM_TRA_1PNPDE20090814_054833_000000552081_00349_38980_0558.N1	DC map used
GOM_TRA_1PNPDE20090814_055422_000000452081_00349_38980_0559.N1	DC map used
GOM_TRA_1PNPDE20090814_055753_000000412081_00349_38980_0560.N1	DC map used
GOM_TRA_1PNPDE20090814_060002_000000502081_00349_38980_0561.N1	DC map used
GOM_TRA_1PNPDE20090814_060316_000000662081_00349_38980_0562.N1	DC map used
GOM_TRA_1PNPDE20090814_060941_000000372081_00349_38980_0563.N1	DC map used
GOM_TRA_1PNPDE20090814_061816_000000392081_00349_38980_0564.N1	DC map used
GOM_TRA_1PNPDE20090814_062319_000000492081_00349_38980_0565.N1	DC map used
GOM_TRA_1PNPDE20090814_062532_000000492081_00349_38980_0566.N1	DC map used
GOM_TRA_1PNPDE20090814_205400_000000532081_00358_38989_1005.N1	DC map used
GOM_TRA_1PNPDE20090814_205946_000000412081_00358_38989_1006.N1	DC map used
GOM_TRA_1PNPDE20090814_210316_000000422081_00358_38989_1007.N1	DC map used

GOM_TRA_1PNPDE20090814_210523_000000492081_00358_38989_1008.N1	DC map used
GOM_TRA_1PNPDE20090814_210836_000000472081_00358_38989_1009.N1	DC map used
GOM_TRA_1PNPDE20090814_211507_000000332081_00358_38989_1010.N1	DC map used
GOM_TRA_1PNPDE20090814_212337_000000392081_00358_38989_1011.N1	DC map used
GOM_TRA_1PNPDE20090814_212836_000000502081_00358_38989_1012.N1	DC map used
GOM_TRA_1PNPDE20090814_213048_000000482081_00358_38989_1013.N1	DC map used
GOM_TRA_1PNPDE20090814_214311_000000502081_00358_38989_1014.N1	DC map used
GOM_TRA_1PNPDE20090814_214602_000000422081_00358_38989_1015.N1	DC map used
GOM_TRA_1PNPDE20090814_214906_000000532081_00358_38989_1016.N1	DC map used
GOM_TRA_1PNPDE20090814_215125_000000462081_00358_38989_1017.N1	DC map used
GOM_TRA_1PNPDE20090814_215521_000000512081_00358_38989_1018.N1	DC map used
GOM_TRA_1PNPDE20090814_215829_000000482081_00358_38989_1019.N1	DC map used
GOM_TRA_1PNPDE20090814_215954_000000462081_00358_38989_1020.N1	DC map used

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



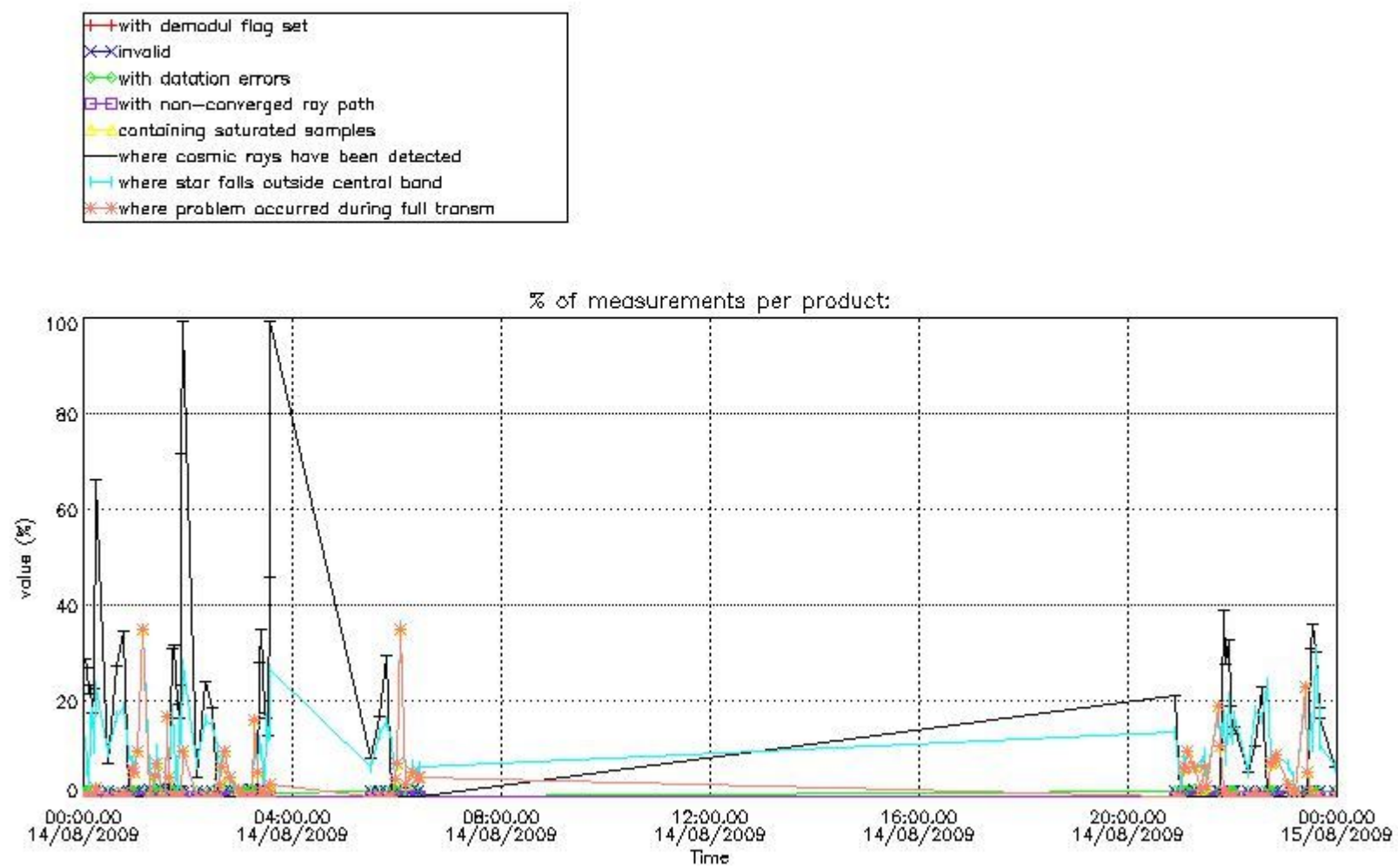
5. Demodulation flag and quality information monitoring

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.

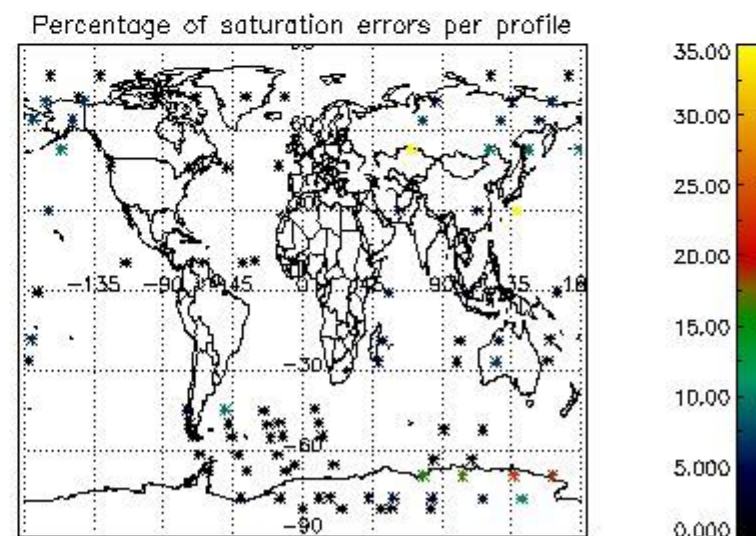
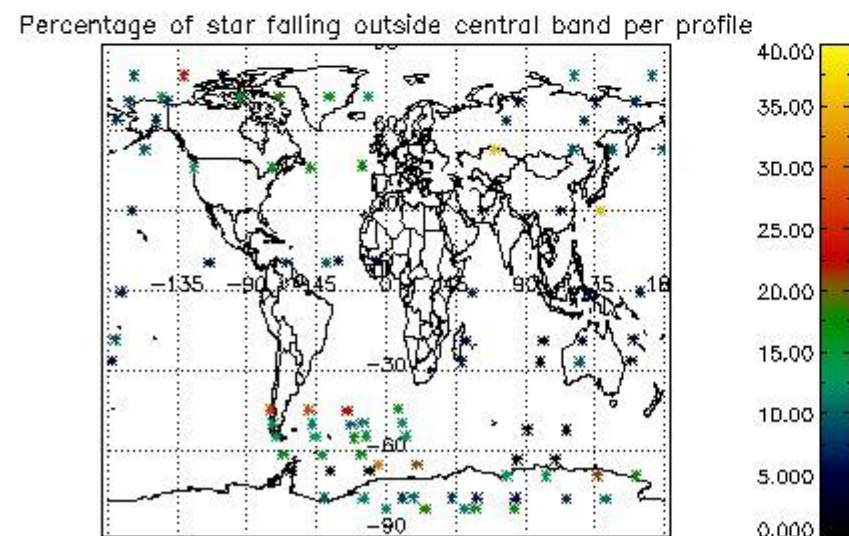
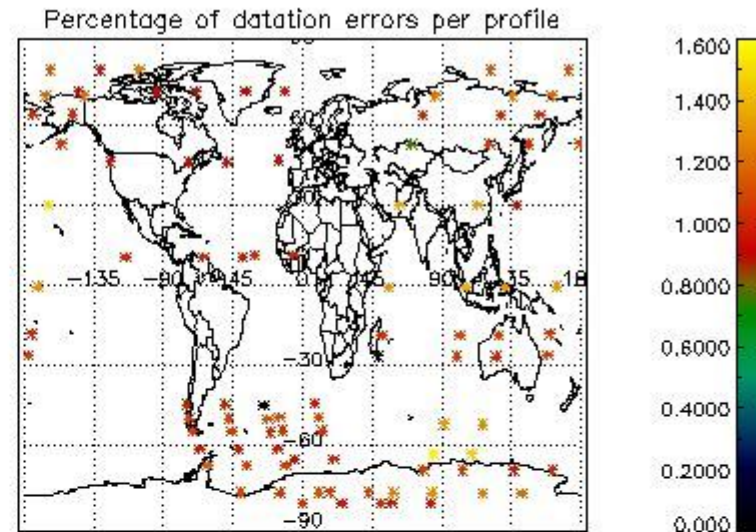
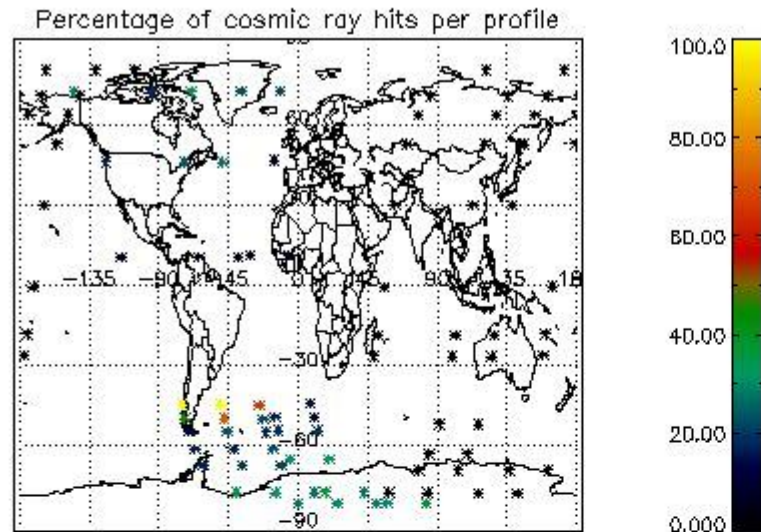
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	28.8660 %
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)



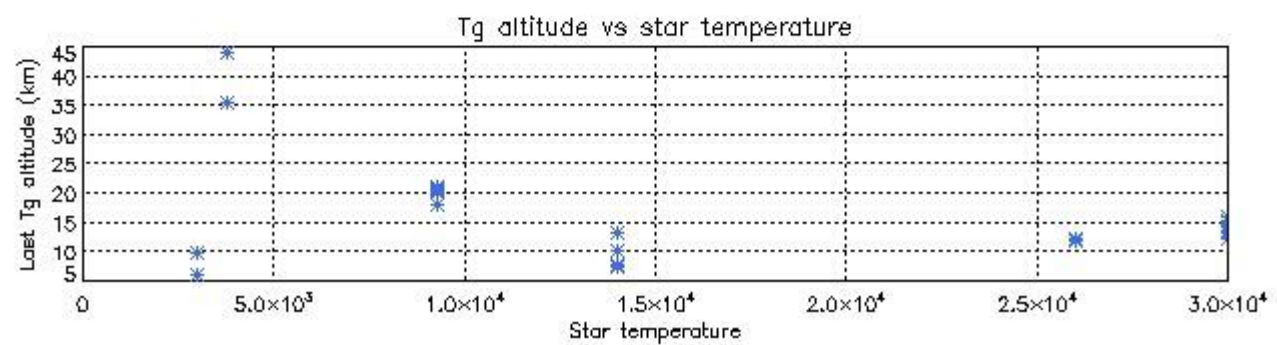
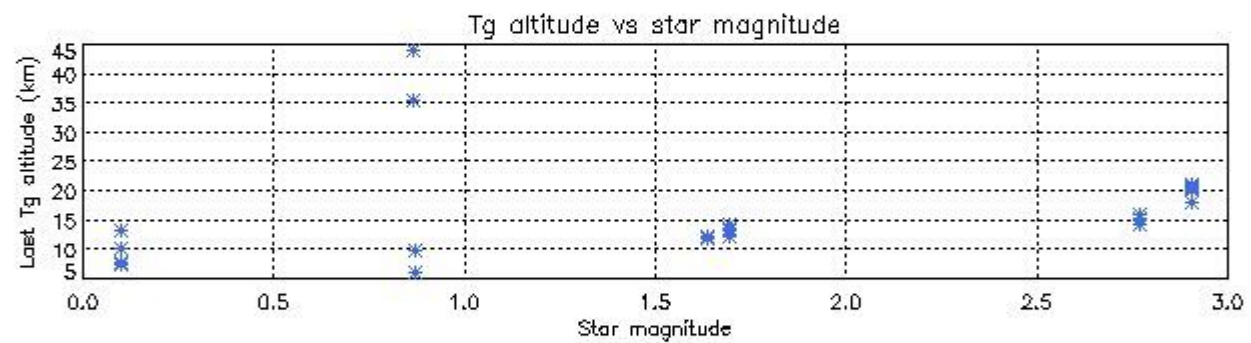
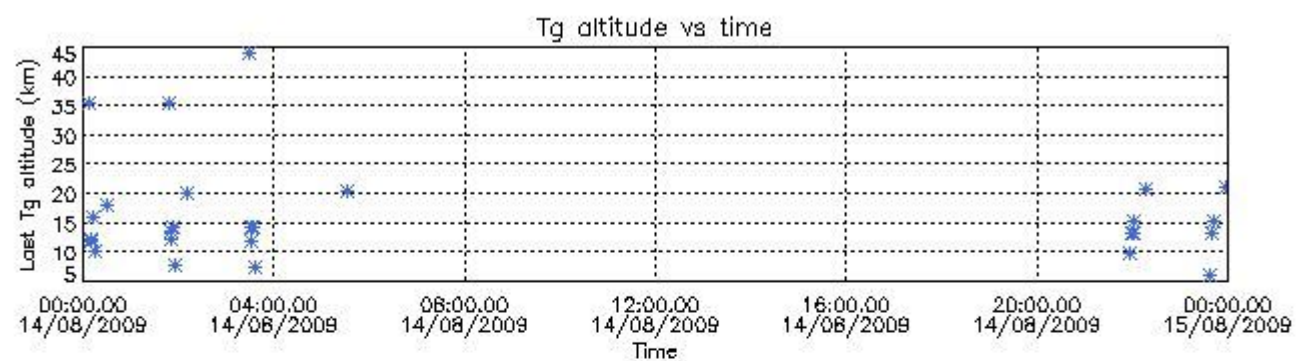
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.528	20.163	NaN
St. deviation:	8.8278	7.4245	NaN
Maximum:	43.851	49.242	NaN
Minimum:	6.1738	3.7081	NaN
Number of data:	27.000	49.000	NaN

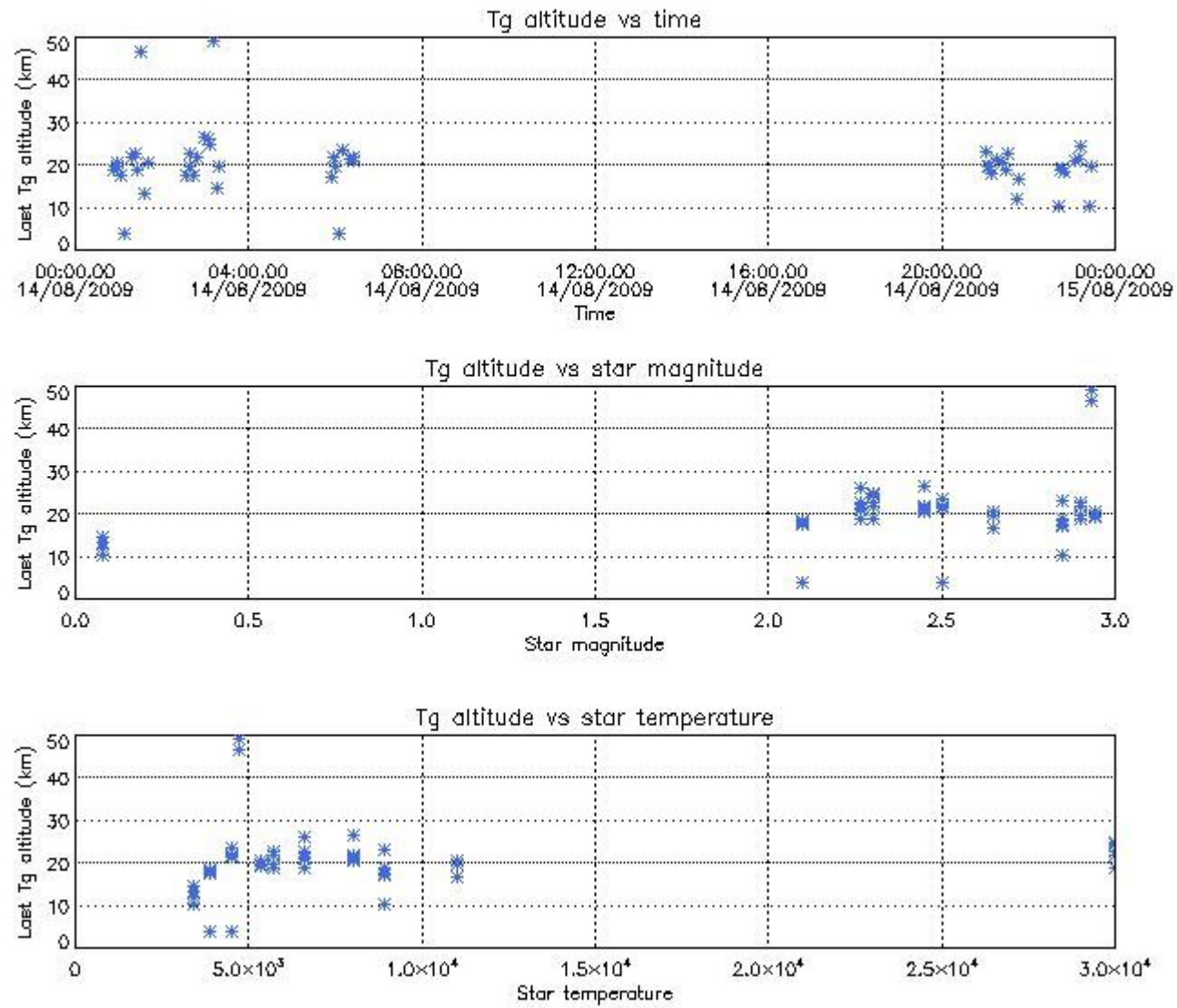
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

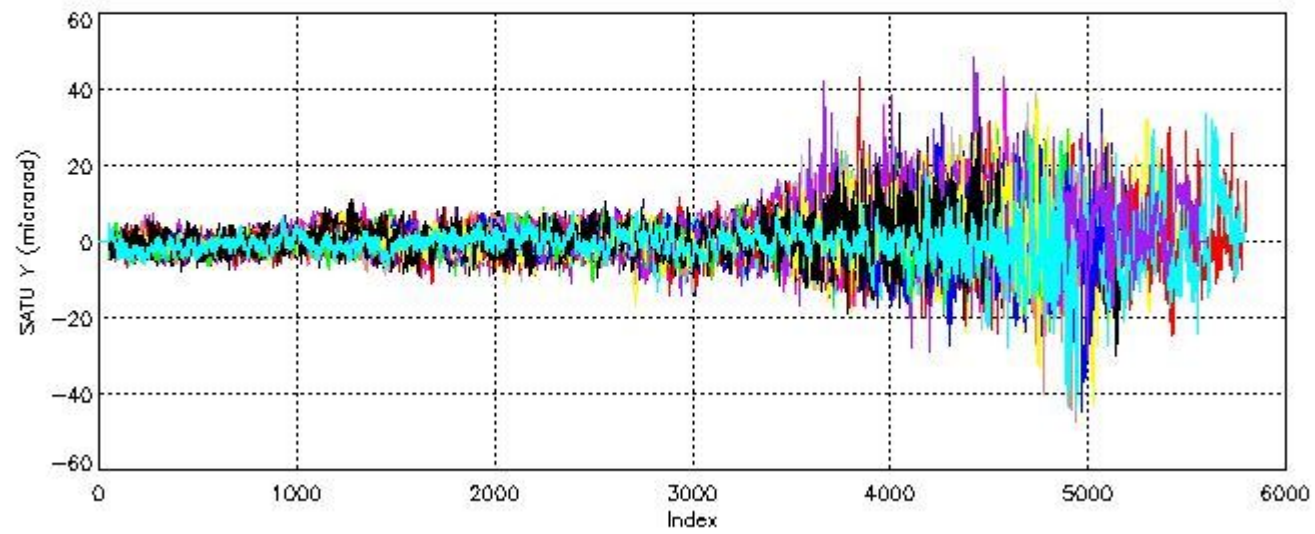
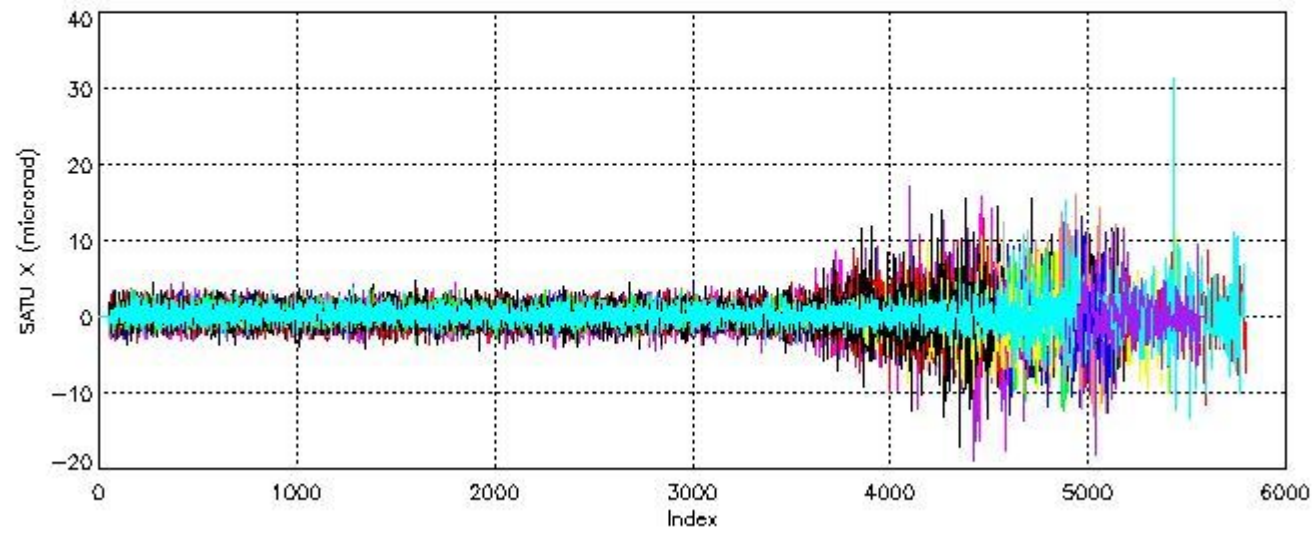


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.21191	-0.51498	0.28539	-0.69293
St. deviation:	0.61251	1.4890	0.75478	1.6644
Maximum:	4.5000	7.4000	4.2000	7.5000
Minimum:	-3.8000	-8.0000	-3.7000	-8.6000

Number of data:	29650.	29650.	49650.	49650.
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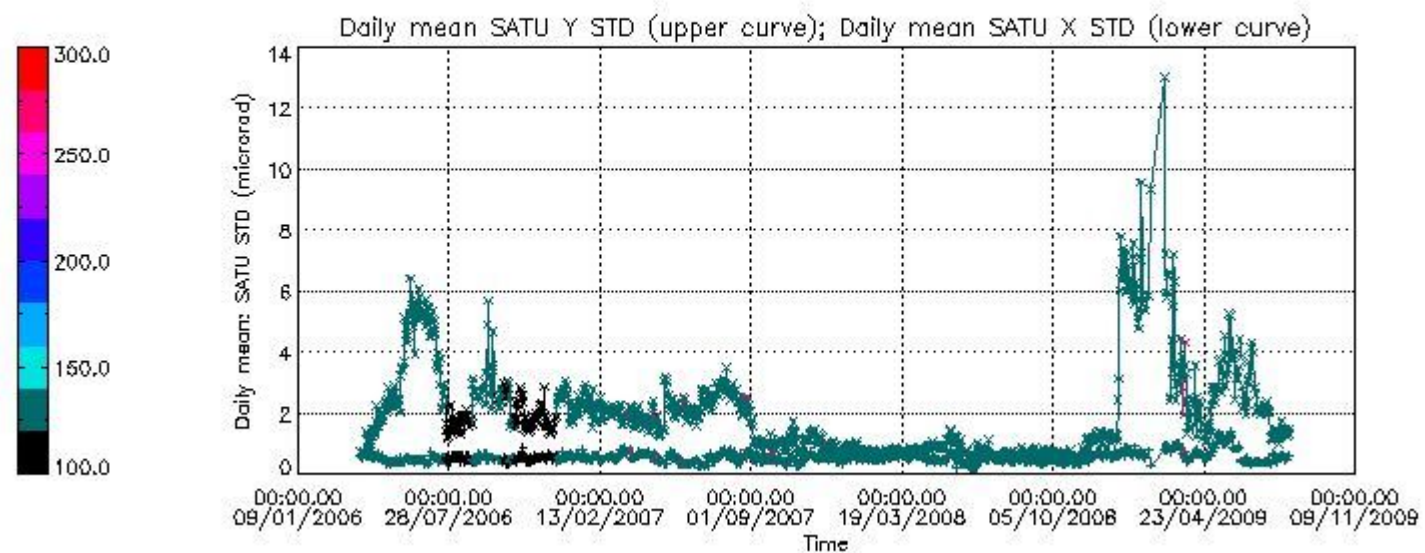
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

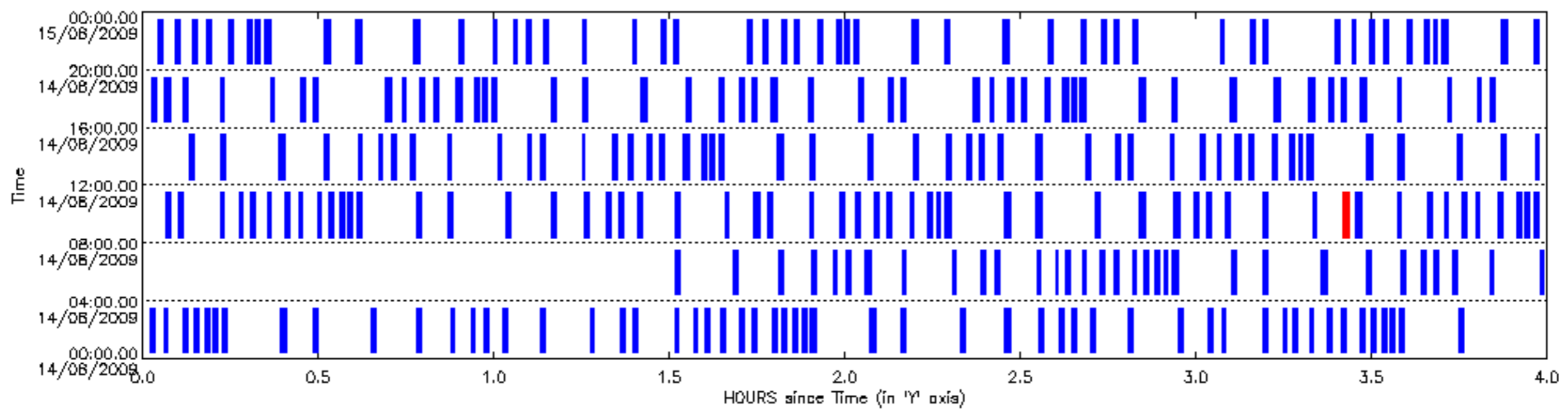
Lower curve: STD of SATU X axis

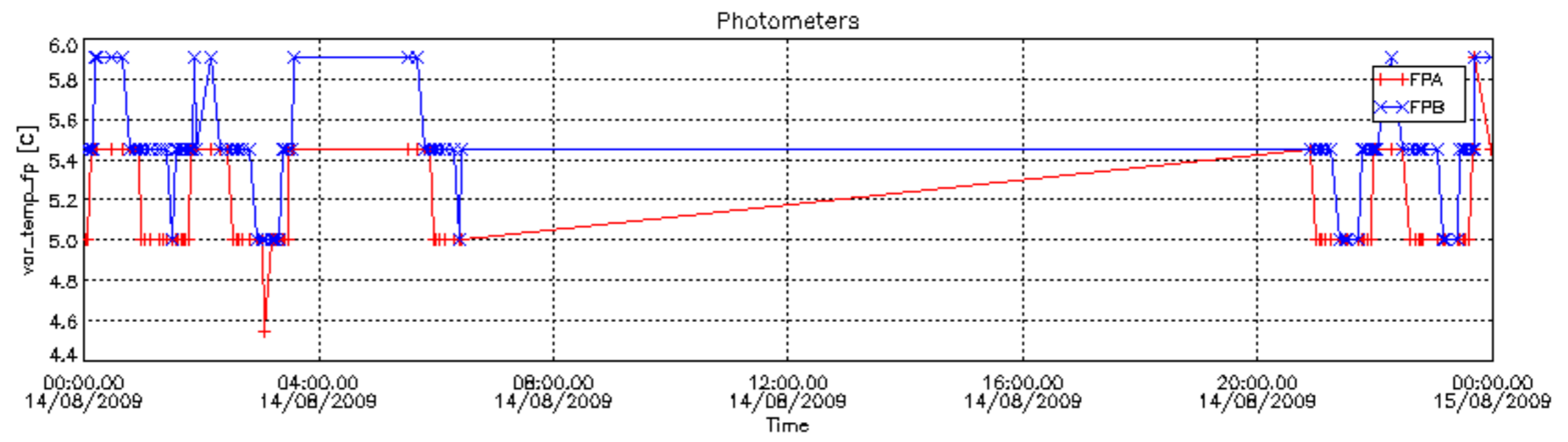
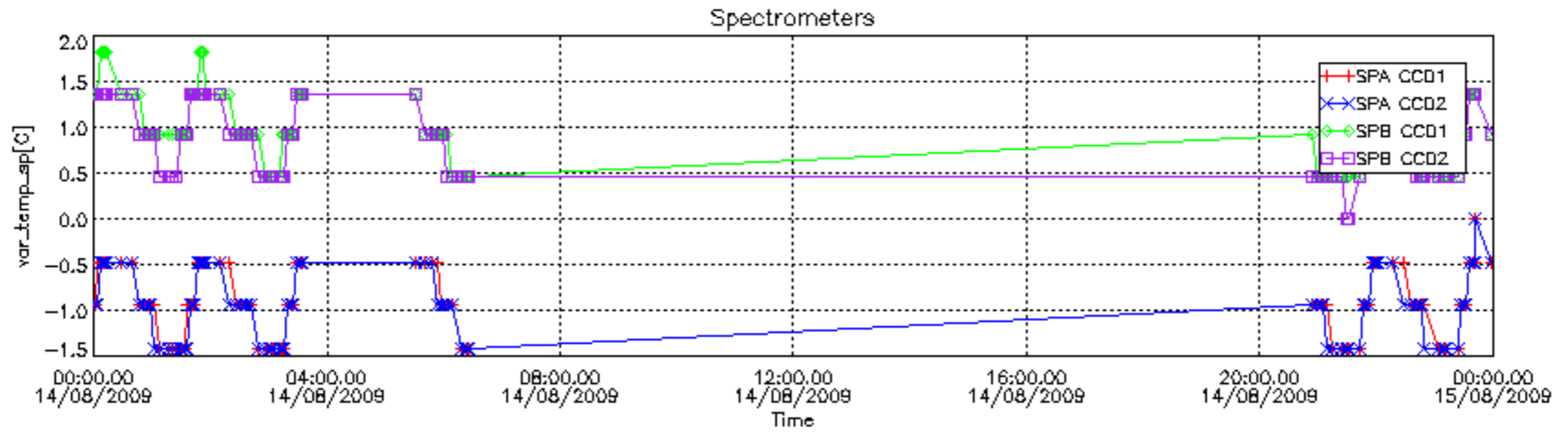


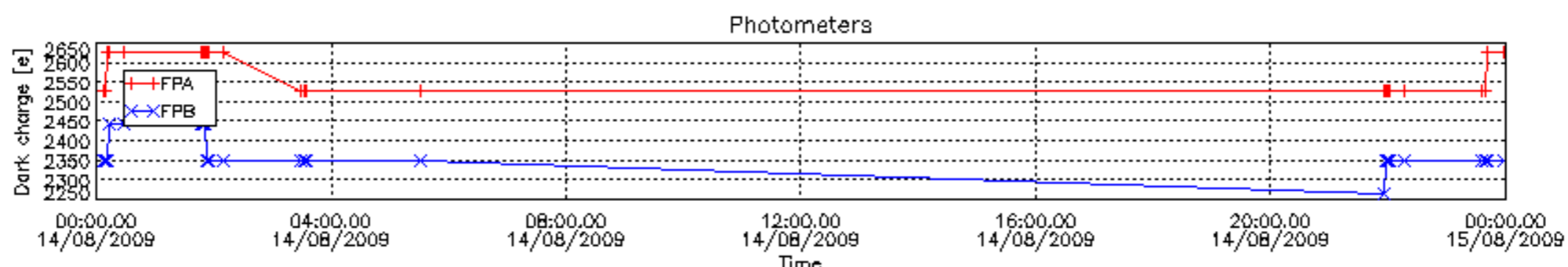
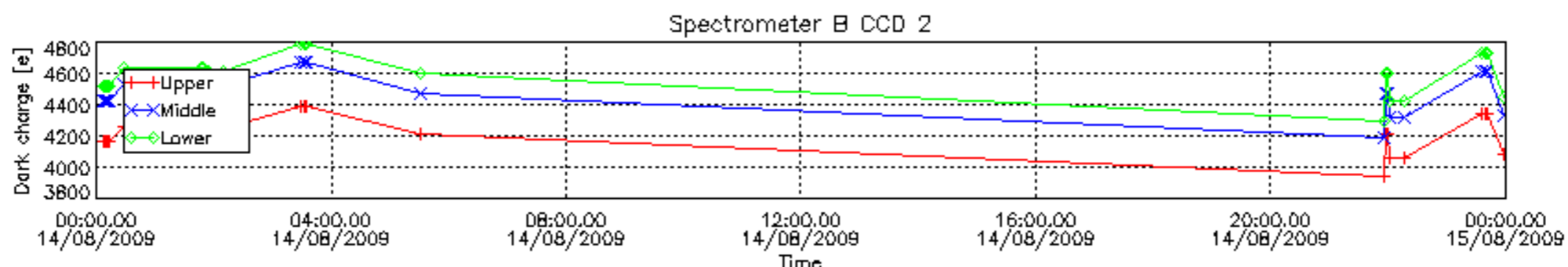
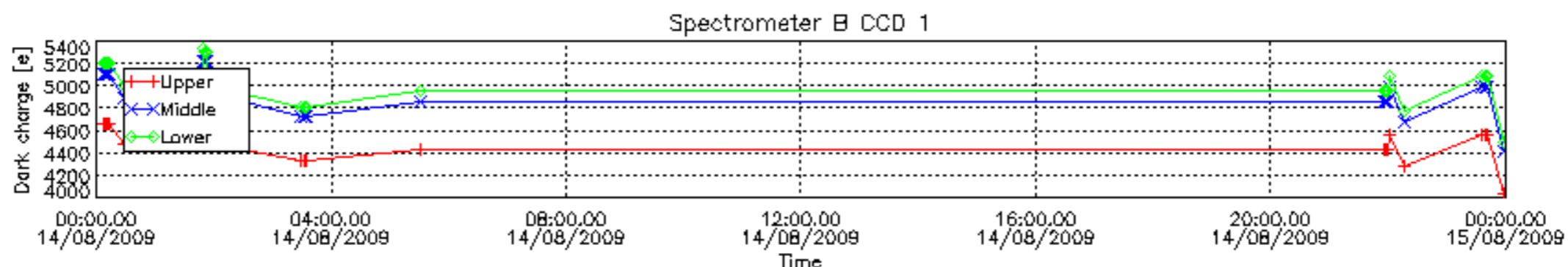
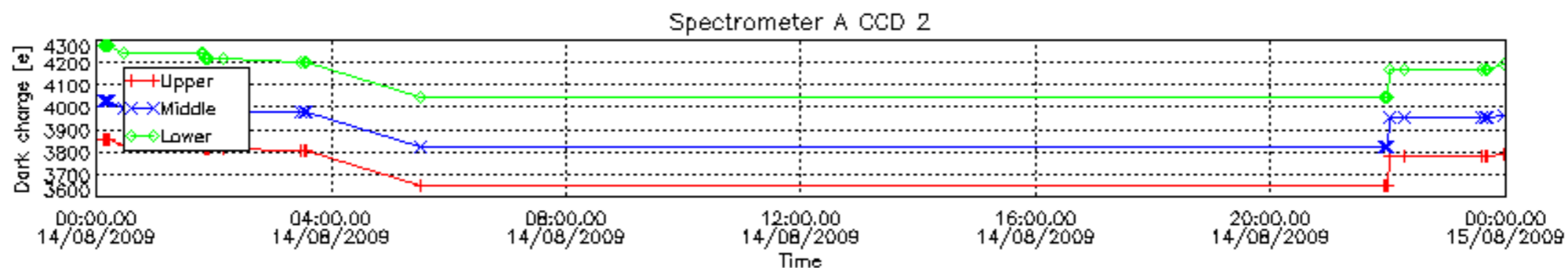
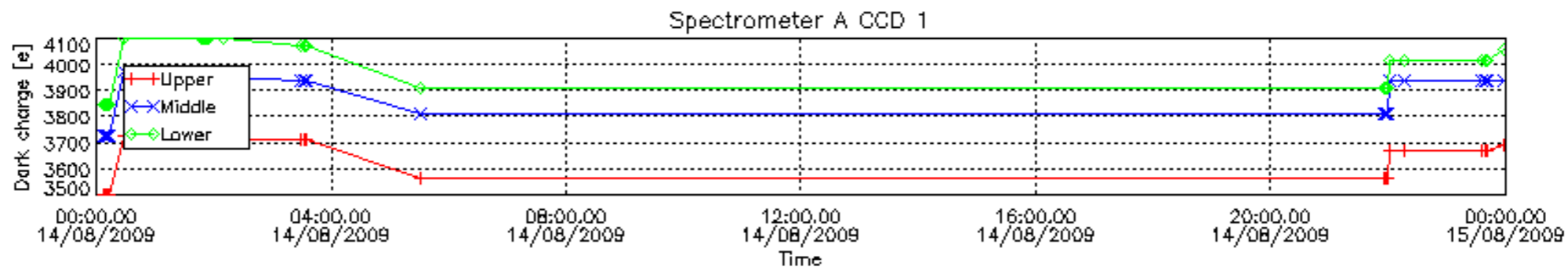
8. Auxiliary Data Files used for the production reported in section 2.4

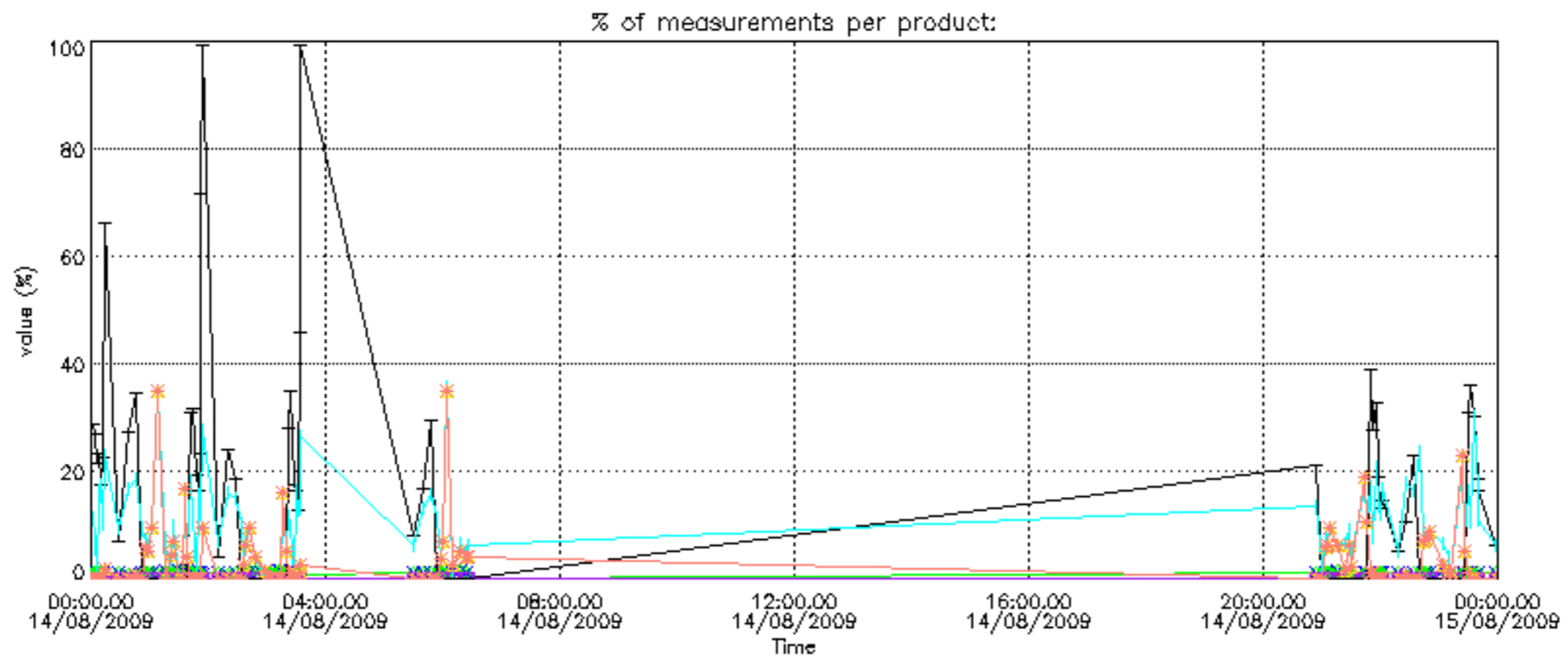
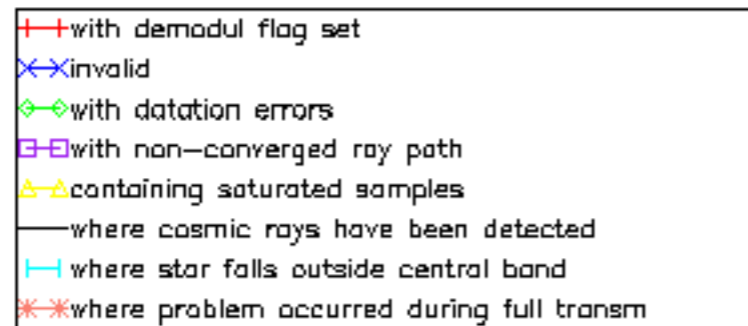
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	14-AUG-2009 00:01:16
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090811_154222_20090809_000000_20100101_000000	1	14-AUG-2009 00:01:16
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	14-AUG-2009 00:01:16
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	14-AUG-2009 00:01:16
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	14-AUG-2009 00:01:16
ECMWF_FILE	AUX_ECF_AXNECM20090813_123100_20090813_210000_20090814_090000	1	14-AUG-2009 00:01:16
ECMWF_FILE	AUX_ECF_AXNECM20090813_184112_20090814_030000_20090814_150000	41	14-AUG-2009 03:11:33
ECMWF_FILE	AUX_ECF_AXNECM20090814_064111_20090814_150000_20090815_030000	63	14-AUG-2009 20:54:00
ECMWF_FILE	AUX_ECF_AXNECM20090814_064112_20090814_210000_20090815_090000	79	14-AUG-2009 22:01:25
OPTIONAL_ECMWF_FILE	MISSING	1	14-AUG-2009 00:01:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090813_204808_000057382081_00343_38974_8550.N1	1	14-AUG-2009 00:01:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090813_222905_000057382081_00344_38975_8551.N1	8	14-AUG-2009 00:28:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090814_001002_000057382081_00345_38976_8552.N1	27	14-AUG-2009 01:51:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090814_015059_000044632081_00346_38977_8553.N1	41	14-AUG-2009 03:11:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090814_031041_000054192081_00347_38978_8554.N1	52	14-AUG-2009 05:30:51
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090814_204800_000038252081_00358_38989_8556.N1	63	14-AUG-2009 20:54:00
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090814_215705_000057382081_00358_38989_8557.N1	97	14-AUG-2009 23:42:02

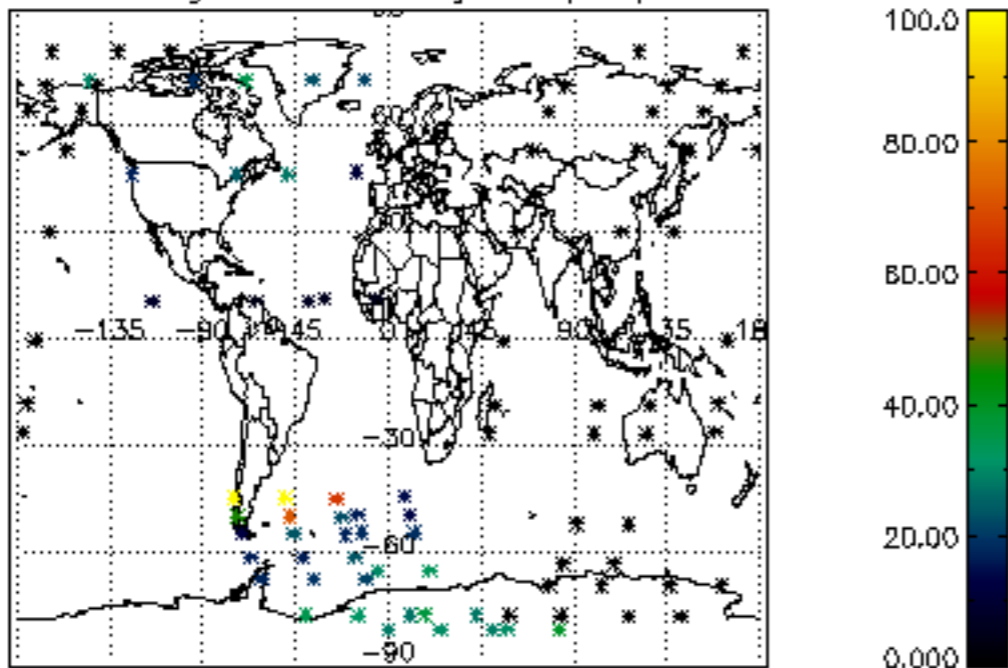




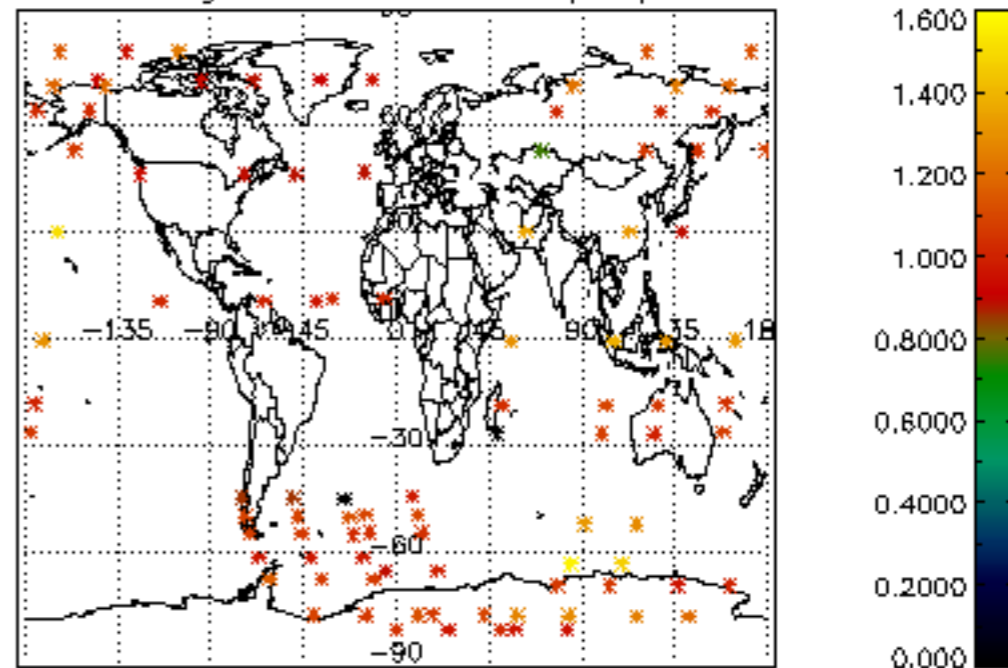




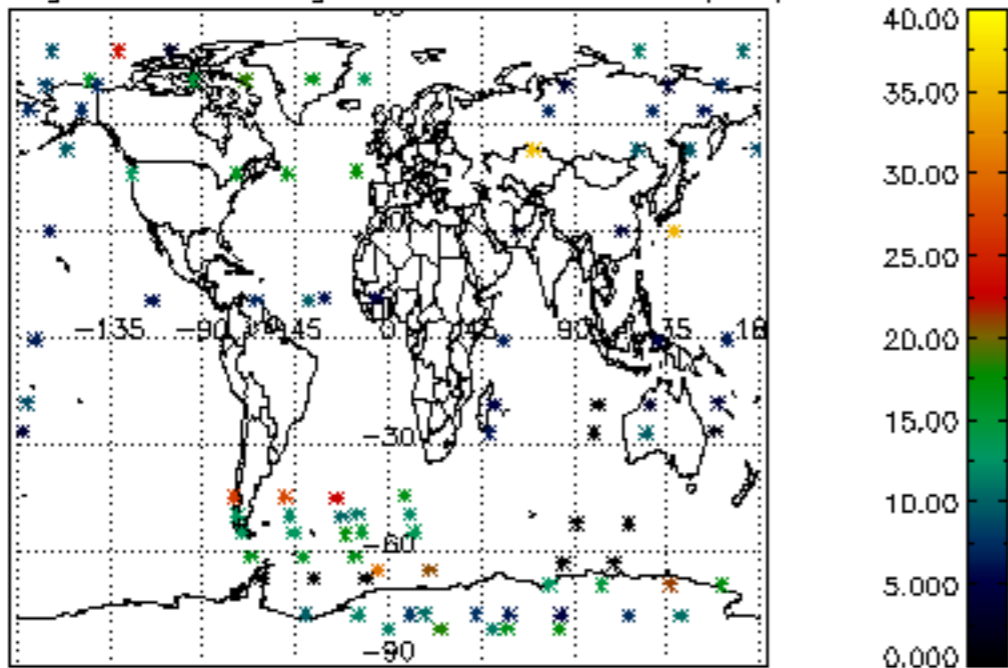
Percentage of cosmic ray hits per profile



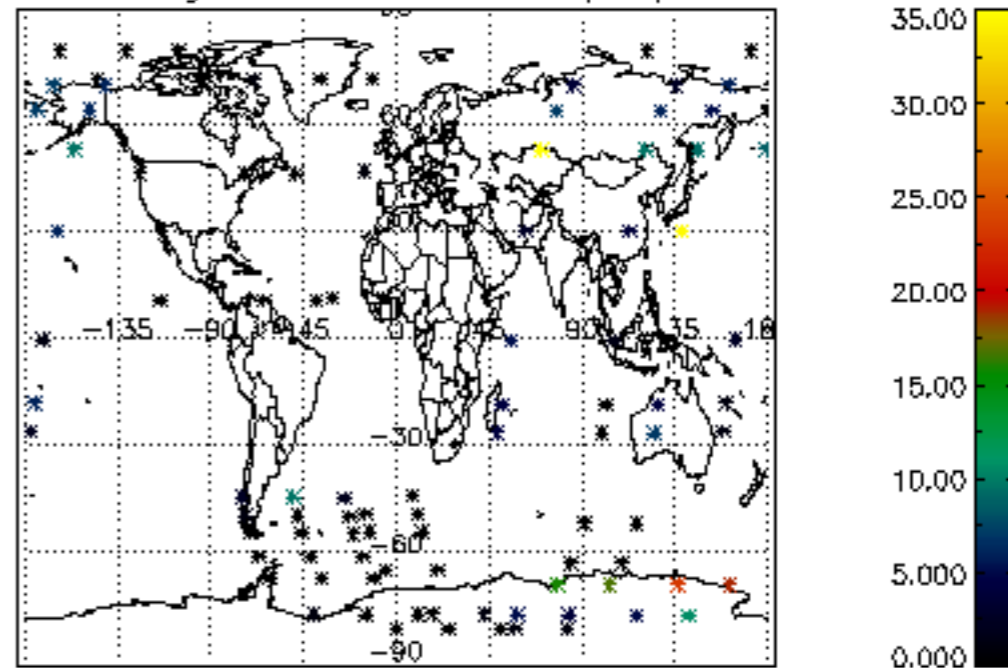
Percentage of datation errors per profile



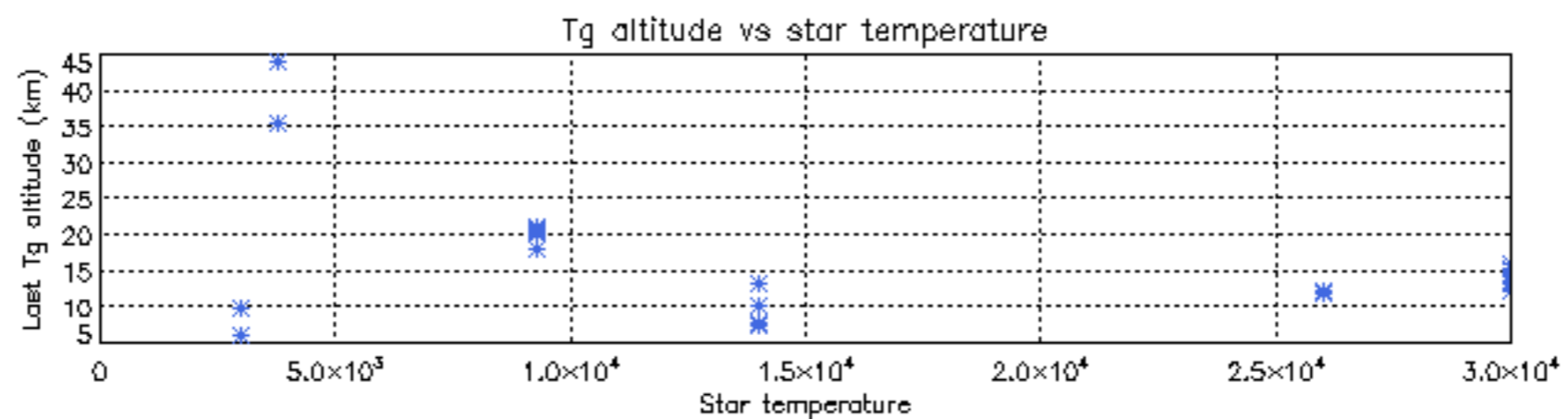
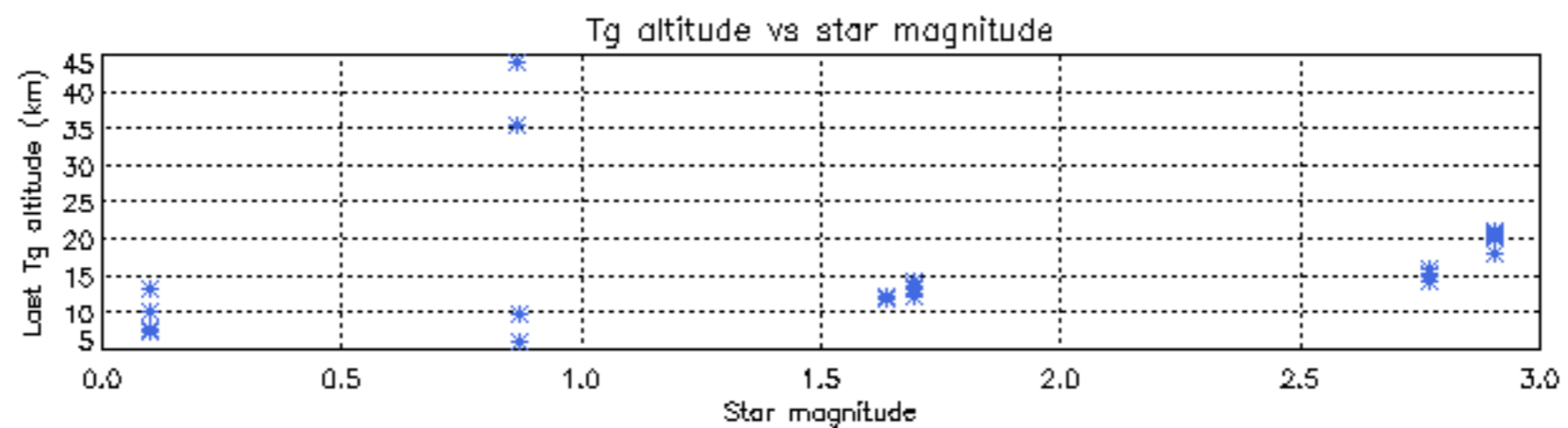
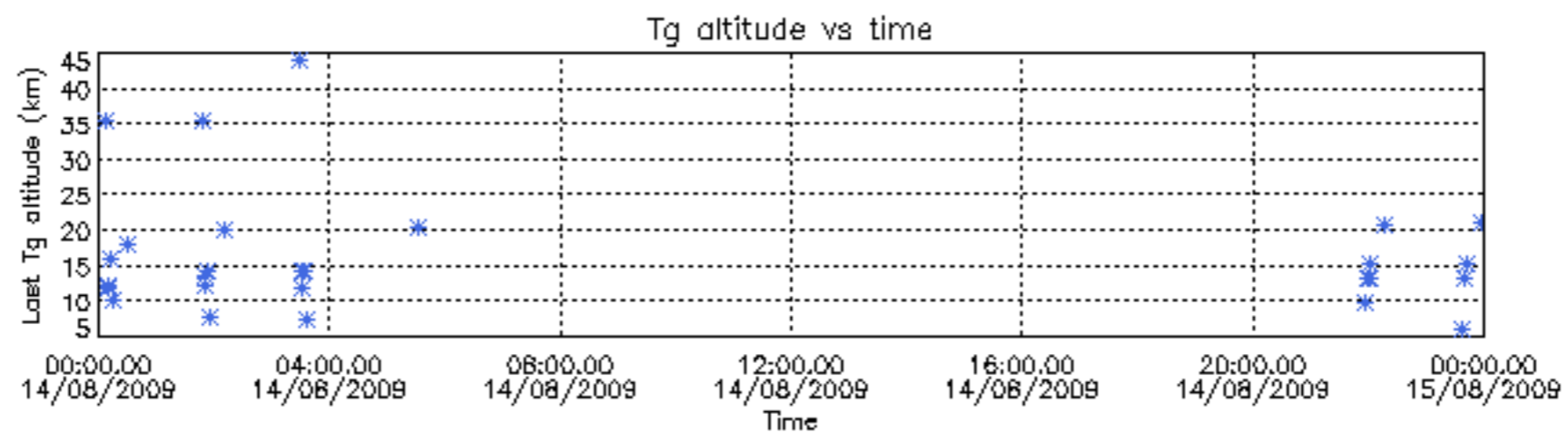
Percentage of star falling outside central band per profile



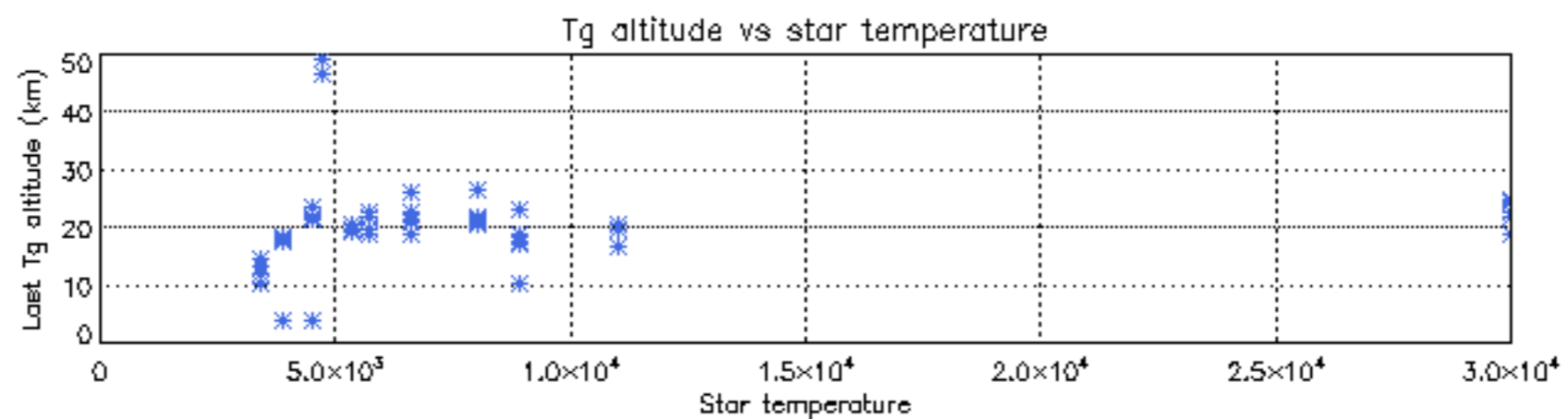
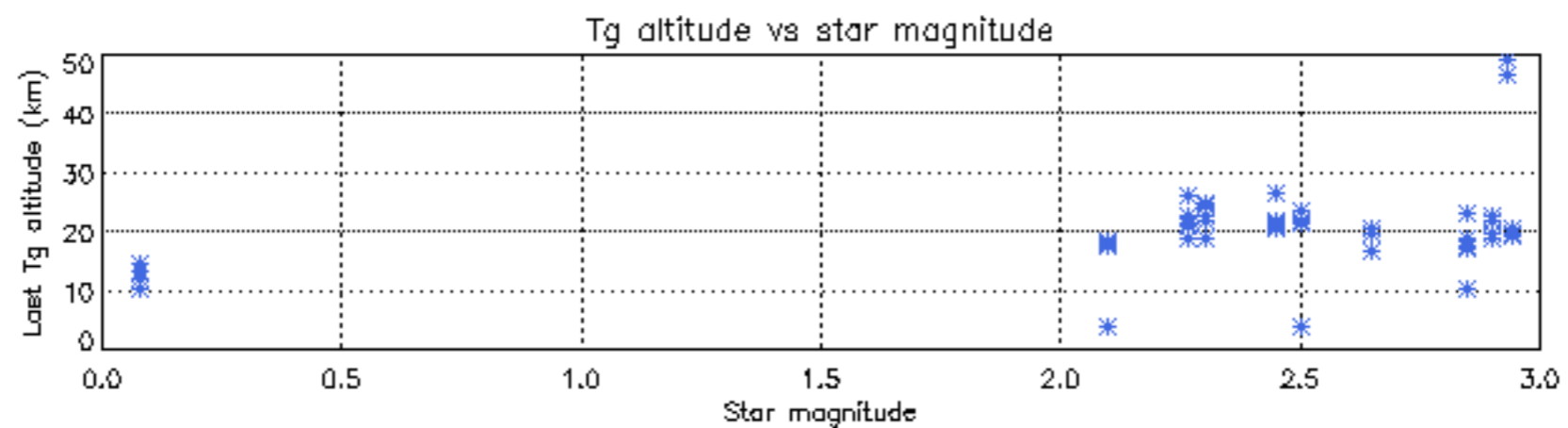
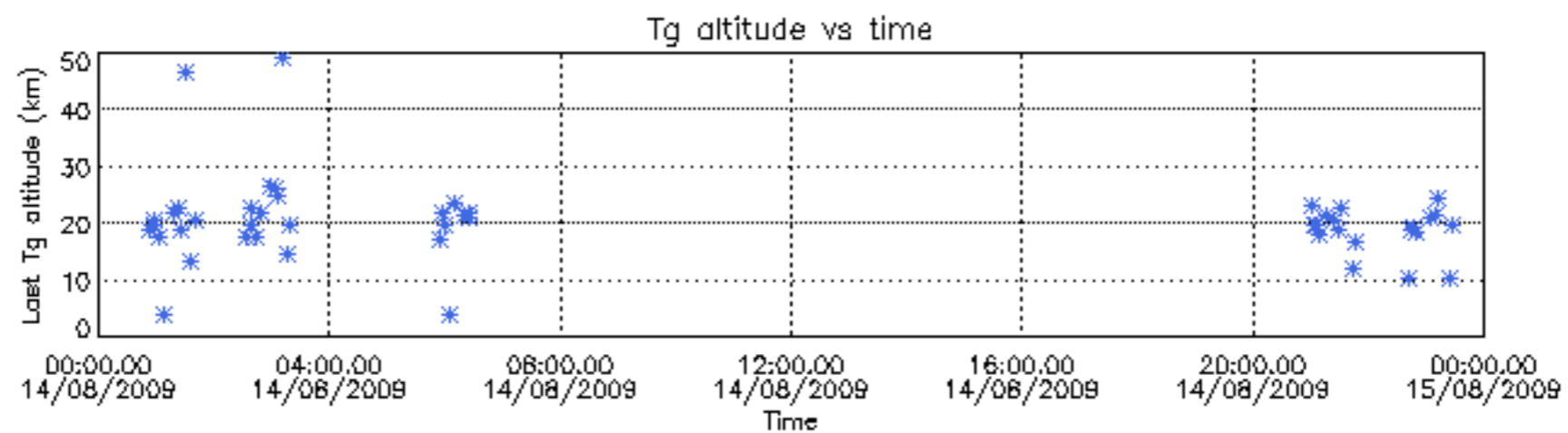
Percentage of saturation errors per profile

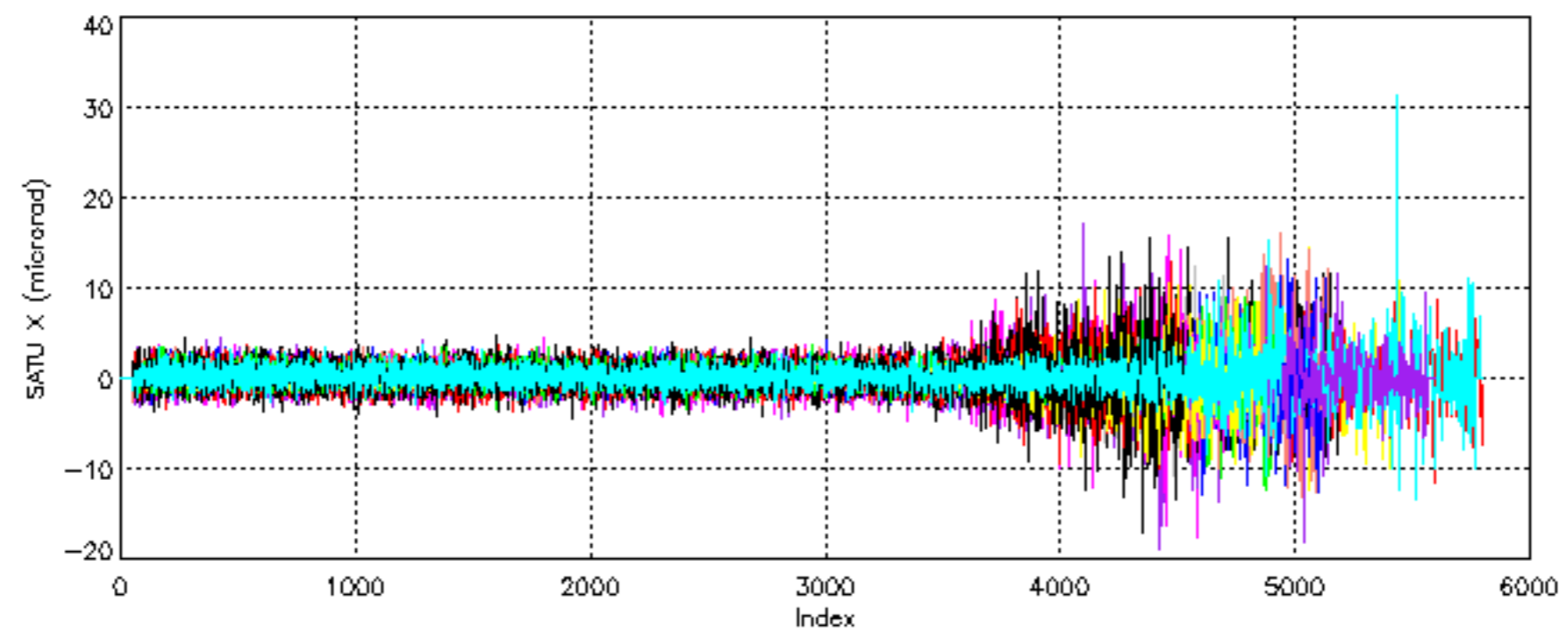


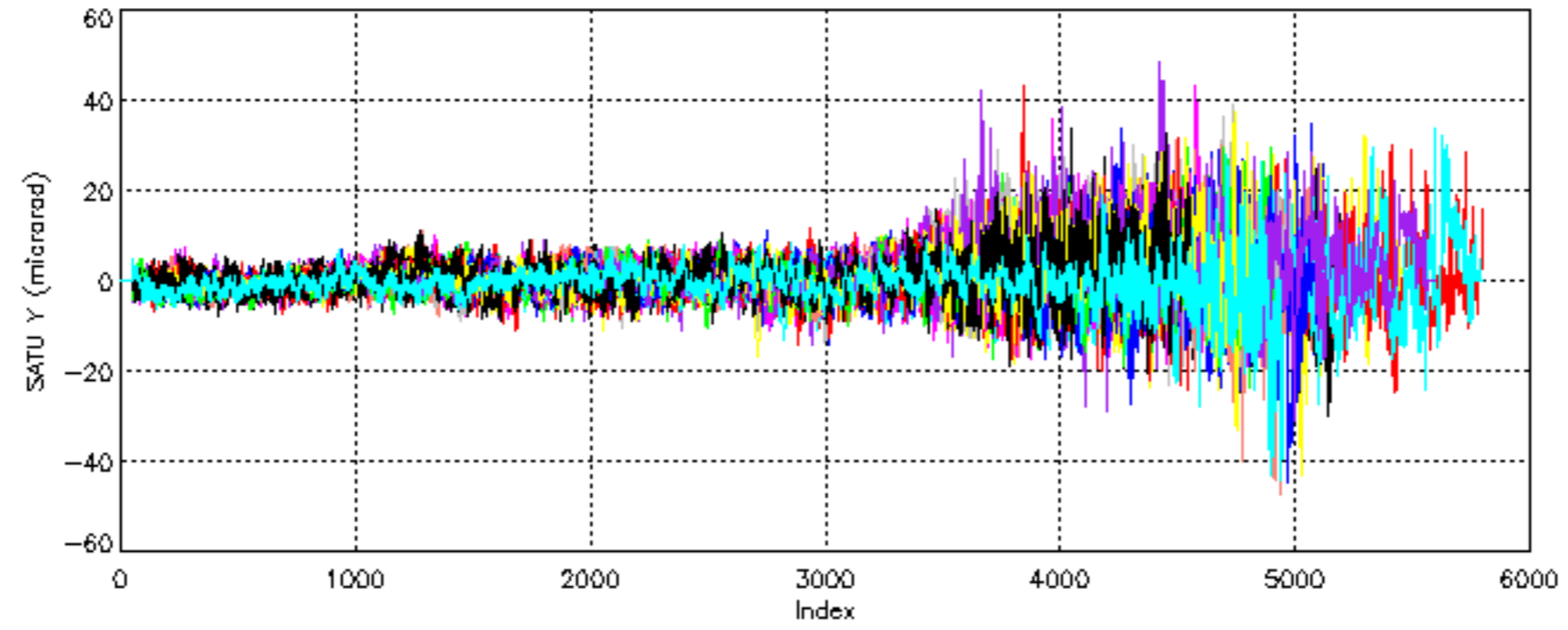
Tangent altitude at which the star is lost

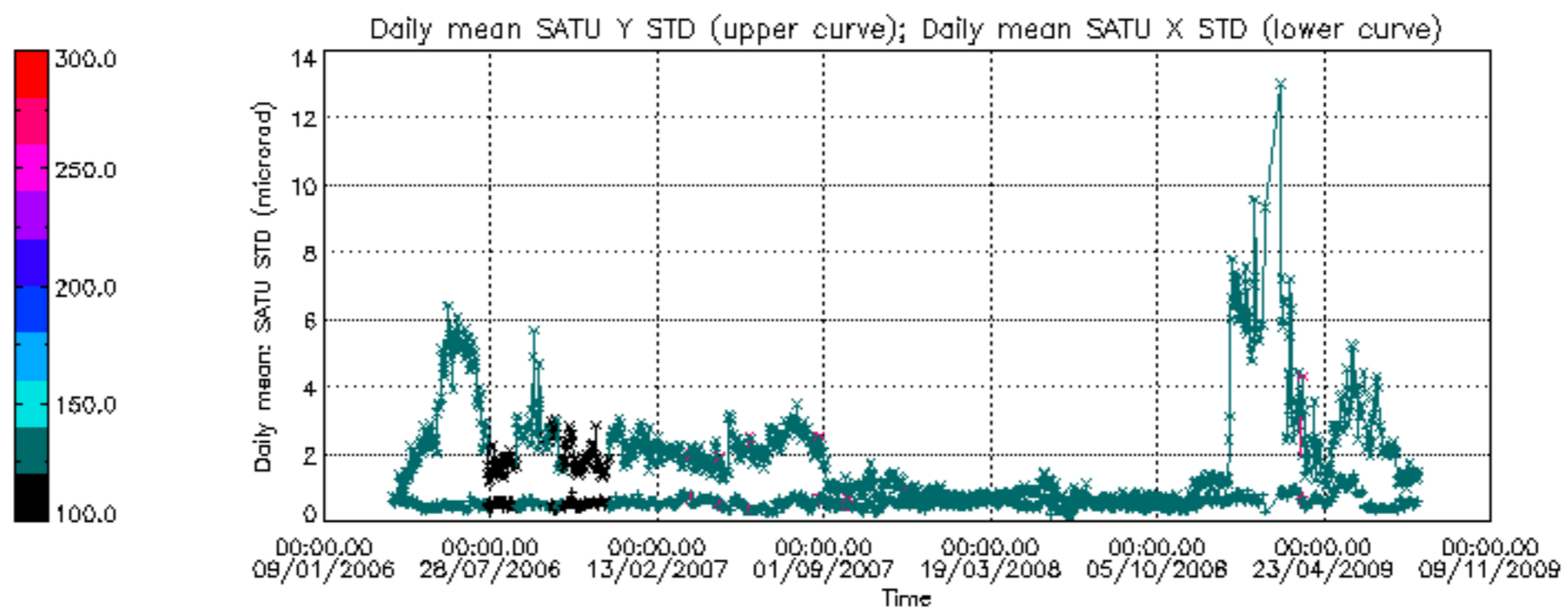


Tangent altitude at which the star is lost









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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20090801_002250_000055632081_00159_38790_8268.N1
 1; -711.5; 01-AUG-2009 00:22:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 71;38790
 2; -588.9; 01-AUG-2009 00:24:53; Dark ; 55.5; 165; 34Gam Eri ; 2.95; 3200;occ; 111; 0;38790
 3; -23.8; 01-AUG-2009 00:34:18; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38790
 4; 593.0; 01-AUG-2009 00:44:35; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38791
 5; 919.4; 01-AUG-2009 00:50:01; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38791
 6; 1107.9; 01-AUG-2009 00:53:10; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;38791
 7; 1570.1; 01-AUG-2009 01:00:52; Bright; 53.0; 142; 49Del Cap ; 2.85; 8900;occ; 106; 0;38791
 8; 1823.7; 01-AUG-2009 01:05:06; Bright; 54.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 108; 0;38791
 9; 2579.6; 01-AUG-2009 01:17:41; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38791
10; 2766.4; 01-AUG-2009 01:20:48; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;38791
11; 3090.9; 01-AUG-2009 01:26:13; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38791
12; 3478.8; 01-AUG-2009 01:32:41; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38791
13; 3596.5; 01-AUG-2009 01:34:38; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38791
14; 3979.2; 01-AUG-2009 01:41:01; Bright; 46.5; 160; 23Gam Per ; 2.93; 4700;occ; 93; 0;38791
15; 4078.5; 01-AUG-2009 01:42:40; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;38791
16; 4315.6; 01-AUG-2009 01:46:37; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;38791
17; 4501.5; 01-AUG-2009 01:49:43; Dark ; 54.5; 150; 44Zet Per ; 2.89; 28000;occ; 109; 0;38791
18; 4789.6; 01-AUG-2009 01:54:32; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38791
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11; 4314.8; 02-AUG-2009 18:00:59; Bright; 49.5; 149; 45Eps Per ; 2.89; 30000;occ; 99; 0;38815
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 6; 5.9; 03-AUG-2009 02:52:46; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38821
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 9; 3964.4; 03-AUG-2009 19:04:08; Bright; 48.0; 160; 23Gam Per ; 2.93; 4700;occ; 96; 0;38830
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9; 2546.2; 06-AUG-2009 00:19:39; Bright; 60.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 120; 0;38862
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3; 2159.6; 08-AUG-2009 12:34:46; Bright; 74.0; 61; 8Eps Peg ; 2.10; 3900;occ; 148; 0;38898
4; 2532.6; 08-AUG-2009 12:40:59; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38898
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6; 3049.4; 08-AUG-2009 12:49:36; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38898
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8; 3520.5; 08-AUG-2009 12:57:27; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38898
9; 3934.6; 08-AUG-2009 13:04:21; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38898
10; 4043.9; 08-AUG-2009 13:06:10; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38898
11; 4200.0; 08-AUG-2009 13:08:46; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38898
12; 4308.6; 08-AUG-2009 13:10:35; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38898
13; 4533.0; 08-AUG-2009 13:14:19; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38898
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18; 5566.0; 08-AUG-2009 13:31:32; Dark ; 67.5; 165; 34Gam Eri ; 2.95; 3200;occ; 135; 0;38898
19; 5815.8; 08-AUG-2009 13:35:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38898
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21; 6739.0; 08-AUG-2009 13:51:05; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38898
22; 6947.5; 08-AUG-2009 13:54:34; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38898
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4; 2532.3; 08-AUG-2009 14:21:35; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38899
5; 2723.3; 08-AUG-2009 14:24:46; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38899
6; 3049.2; 08-AUG-2009 14:30:11; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38899
7; 3391.7; 08-AUG-2009 14:35:54; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38899
8; 3519.7; 08-AUG-2009 14:38:02; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38899
9; 3934.3; 08-AUG-2009 14:44:57; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38899
10; 4043.8; 08-AUG-2009 14:46:46; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38899
11; 4200.1; 08-AUG-2009 14:49:22; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;38899
12; 4308.6; 08-AUG-2009 14:51:11; Bright; 51.5; 149; 45Eps Per ; 2.89; 30000;occ; 103; 0;38899
13; 4533.3; 08-AUG-2009 14:54:56; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38899
14; 4664.7; 08-AUG-2009 14:57:07; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38899
15; 4838.4; 08-AUG-2009 15:00:01; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;38899
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19; 5816.7; 08-AUG-2009 15:16:19; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38899
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21; 6740.1; 08-AUG-2009 15:31:42; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;38899
22; 6948.2; 08-AUG-2009 15:35:10; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;38899
23; 7236.7; 08-AUG-2009 15:39:59; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38899

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8; 3518.9; 08-AUG-2009 16:18:37; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38900
9; 3933.9; 08-AUG-2009 16:25:32; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38900
10; 4043.3; 08-AUG-2009 16:27:21; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38900
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13; 4533.3; 08-AUG-2009 16:35:32; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38900
14; 4665.0; 08-AUG-2009 16:37:43; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;38900
15; 4838.8; 08-AUG-2009 16:40:37; Dark ; 72.0; 13; 87Alp Tau ; 0.87; 3800;occ; 144; 0;38900
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17; 5229.7; 08-AUG-2009 16:47:08; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38900
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19; 5817.6; 08-AUG-2009 16:56:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38900
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21; 6741.1; 08-AUG-2009 17:12:19; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38900
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3; 1806.8; 08-AUG-2009 17:30:41; Bright; 66.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 132; 0;38901
4; 2157.9; 08-AUG-2009 17:36:32; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38901
5; 2531.6; 08-AUG-2009 17:42:46; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38901
6; 2722.6; 08-AUG-2009 17:45:57; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38901
7; 3048.7; 08-AUG-2009 17:51:23; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38901
8; 3390.1; 08-AUG-2009 17:57:04; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38901
9; 3518.0; 08-AUG-2009 17:59:12; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38901
10; 3933.4; 08-AUG-2009 18:06:08; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38901
11; 4042.8; 08-AUG-2009 18:07:57; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38901
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13; 4308.4; 08-AUG-2009 18:12:23; Bright; 56.0; 149; 45Eps Per ; 2.89; 30000;occ; 112; 0;38901
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21; 6126.4; 08-AUG-2009 18:42:41; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38901
22; 6742.1; 08-AUG-2009 18:52:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38901
23; 6949.3; 08-AUG-2009 18:56:24; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;38901
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4; 2157.5; 08-AUG-2009 19:17:08; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38902
5; 2531.5; 08-AUG-2009 19:23:22; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38902
6; 2722.3; 08-AUG-2009 19:26:33; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38902
7; 3048.2; 08-AUG-2009 19:31:58; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38902
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9; 3517.3; 08-AUG-2009 19:39:48; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38902
10; 3932.8; 08-AUG-2009 19:46:43; Bright; 54.5; 160; 23Gam Per ; 2.93; 4700;occ; 109; 0;38902
11; 4042.3; 08-AUG-2009 19:48:33; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38902
12; 4199.8; 08-AUG-2009 19:51:10; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38902
13; 4308.3; 08-AUG-2009 19:52:58; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38902
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15; 4665.4; 08-AUG-2009 19:58:56; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38902
16; 4839.8; 08-AUG-2009 20:01:50; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38902
17; 4953.3; 08-AUG-2009 20:03:44; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38902
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19; 5571.0; 08-AUG-2009 20:14:01; Dark ; 62.0; 165; 34Gam Eri ; 2.95; 3200;occ; 124; 0;38902
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21; 6127.3; 08-AUG-2009 20:23:17; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38902
22; 6742.9; 08-AUG-2009 20:33:33; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38902
23; 6949.8; 08-AUG-2009 20:37:00; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;38902

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 4; 94.8; 09-AUG-2009 01:25:09; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38906
 5; 709.9; 09-AUG-2009 01:35:24; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;38906
 6; 915.3; 09-AUG-2009 01:38:49; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;38906
 7; 1203.9; 09-AUG-2009 01:43:38; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;38906
 8; 1805.9; 09-AUG-2009 01:53:40; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38906
 9; 2155.4; 09-AUG-2009 01:59:29; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38906
 10; 2529.8; 09-AUG-2009 02:05:44; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38906
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 18; 2529.7; 09-AUG-2009 03:46:19; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38907
 19; 2721.0; 09-AUG-2009 03:49:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38907
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 22; 3513.8; 09-AUG-2009 04:02:44; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38907

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 9; -802.2; 09-AUG-2009 04:31:24; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38907
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 13; 711.7; 09-AUG-2009 04:56:37; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38908
 14; 916.4; 09-AUG-2009 05:00:02; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;38908
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 3;-1836.2; 09-AUG-2009 05:54:45; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38908
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12; 4199.3; 09-AUG-2009 21:00:08; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38917
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12; 2717.4; 09-AUG-2009 22:16:02; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;38918
13; 3042.7; 09-AUG-2009 22:21:28; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38918
14; 3376.2; 09-AUG-2009 22:27:01; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38918
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23; 4960.6; 09-AUG-2009 22:53:26; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;38918
24; 5067.7; 09-AUG-2009 22:55:13; Dark ; 46.5; 72; 34Del Ori ; 2.25; 30000;occ; 93; 0;38918
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 7; 1582.5; 09-AUG-2009 23:37:43; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38919
 8; 1805.0; 09-AUG-2009 23:41:26; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38919
 9; 2148.7; 09-AUG-2009 23:47:10; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38919
 10; 2525.6; 09-AUG-2009 23:53:26; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38919
 11; 2717.0; 09-AUG-2009 23:56:38; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;38919
 12; 3042.5; 10-AUG-2009 00:02:03; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38919
 13; 3375.3; 10-AUG-2009 00:07:36; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38919
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 23; 6157.3; 10-AUG-2009 17:39:57; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38929
 24; 6768.5; 10-AUG-2009 17:50:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38929
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 11; 3918.9; 10-AUG-2009 18:43:15; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38930
 12; 4031.1; 10-AUG-2009 18:45:07; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38930
 13; 4198.6; 10-AUG-2009 18:47:55; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38930
 14; 4305.3; 10-AUG-2009 18:49:41; Bright; 32.0; 149; 45Eps Per ; 2.89; 30000;occ; 64; 0;38930
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 16; 4672.8; 10-AUG-2009 18:55:49; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38930
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 21; 5608.4; 10-AUG-2009 19:11:25; Dark ; 69.5; 165; 34Gam Eri ; 2.95; 3200;occ; 139; 0;38930
 22; 5843.3; 10-AUG-2009 19:15:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38930
 23; 6158.5; 10-AUG-2009 19:20:35; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38930
 24; 6769.3; 10-AUG-2009 19:30:45; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;38930

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 6; 1584.0; 11-AUG-2009 00:46:44; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38934
 7; 1803.6; 11-AUG-2009 00:50:23; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38934
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6; 737.1; 11-AUG-2009 02:13:13; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38935
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13; 738.1; 11-AUG-2009 03:53:50; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38936
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15; 1584.4; 11-AUG-2009 04:07:56; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38936
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17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38937
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12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
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23; 5090.4; 11-AUG-2009 23:32:57; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38947
24; 5173.7; 11-AUG-2009 23:34:21; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38947
25; 5259.4; 11-AUG-2009 23:35:46; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38947

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3; 141.4; 11-AUG-2009 23:51:04; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38948
4; 748.8; 12-AUG-2009 00:01:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38948
5; 1225.3; 12-AUG-2009 00:09:08; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38948
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7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
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9; 2135.7; 12-AUG-2009 00:24:18; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38948
10; 2516.8; 12-AUG-2009 00:30:40; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38948
11; 2708.9; 12-AUG-2009 00:33:52; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;38948
12; 3033.3; 12-AUG-2009 00:39:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38948
13; 3352.1; 12-AUG-2009 00:44:35; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38948
14; 3483.2; 12-AUG-2009 00:46:46; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38948
15; 3909.6; 12-AUG-2009 00:53:52; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38948
16; 4023.4; 12-AUG-2009 00:55:46; Bright; 38.0; 35; 33Alp Per ; 1.79; 6250;occ; 76; 0;38948
17; 4097.8; 12-AUG-2009 00:57:01; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38948
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19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
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21; 4975.2; 12-AUG-2009 01:11:38; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38948
22; 5091.0; 12-AUG-2009 01:13:34; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38948
23; 5174.4; 12-AUG-2009 01:14:57; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38948
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 3; -1837.6; 11-AUG-2009 06:32:06; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38937
 4; -1496.0; 11-AUG-2009 06:37:48; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38937
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 6; -1176.7; 11-AUG-2009 06:43:07; Dark ; 69.0; 13; 87Alp Tau ; 0.87; 3800;occ; 138; 0;38937
 7; -1066.2; 11-AUG-2009 06:44:57; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38937
 8; -950.5; 11-AUG-2009 06:46:53; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38937
 9; -783.2; 11-AUG-2009 06:49:40; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38937
 10; -417.6; 11-AUG-2009 06:55:46; Dark ; 68.5; 165; 34Gam Eri ; 2.95; 3200;occ; 137; 0;38937
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 12; 130.0; 11-AUG-2009 07:04:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38938
 13; 740.0; 11-AUG-2009 07:15:04; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;38938
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 2; 1942.9; 11-AUG-2009 07:35:06; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;38938
 3; 2140.2; 11-AUG-2009 07:38:24; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38938
 4; 2519.7; 11-AUG-2009 07:44:43; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38938
 5; 2711.6; 11-AUG-2009 07:47:55; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38938
 6; 3036.3; 11-AUG-2009 07:53:20; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38938
 7; 3360.2; 11-AUG-2009 07:58:44; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38938
 8; 3490.8; 11-AUG-2009 08:00:54; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38938
 9; 3914.8; 11-AUG-2009 08:07:58; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38938
 10; 4027.7; 11-AUG-2009 08:09:51; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38938
 11; 4198.4; 11-AUG-2009 08:12:42; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38938
 12; 4540.2; 11-AUG-2009 08:18:24; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38938
 13; 4675.0; 11-AUG-2009 08:20:39; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38938
 14; 4859.8; 11-AUG-2009 08:23:43; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38938
 15; 4970.1; 11-AUG-2009 08:25:34; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;38938
 16; 5086.0; 11-AUG-2009 08:27:30; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38938
 17; 5253.5; 11-AUG-2009 08:30:17; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;38938
 18; 5619.8; 11-AUG-2009 08:36:23; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38938
 19; 5850.3; 11-AUG-2009 08:40:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38938
 20; 6167.2; 11-AUG-2009 08:45:31; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38938
 21; 6776.7; 11-AUG-2009 08:55:40; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38938
 22; 7256.7; 11-AUG-2009 09:03:40; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38938
 23; 7620.5; 11-AUG-2009 09:09:44; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;38938

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 3; 2139.6; 11-AUG-2009 09:18:59; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38939
 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
 5; 2711.1; 11-AUG-2009 09:28:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38939
 6; 3036.1; 11-AUG-2009 09:33:56; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38939
 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
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 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
 14; 4860.3; 11-AUG-2009 10:04:20; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38939
 15; 4970.7; 11-AUG-2009 10:06:10; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38939
 16; 5086.5; 11-AUG-2009 10:08:06; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38939
 17; 5254.1; 11-AUG-2009 10:10:54; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38939
 18; 5621.2; 11-AUG-2009 10:17:01; Dark ; 72.5; 165; 34Gam Eri ; 2.95; 3200;occ; 145; 0;38939
 19; 5851.1; 11-AUG-2009 10:20:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38939
 20; 6168.4; 11-AUG-2009 10:26:08; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38939
 21; 6777.5; 11-AUG-2009 10:36:17; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38939
 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
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 3; 2139.2; 11-AUG-2009 10:59:35; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38940

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5; 2710.8; 11-AUG-2009 11:09:06; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38940
6; 3035.4; 11-AUG-2009 11:14:31; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38940
7; 3358.5; 11-AUG-2009 11:19:54; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38940
8; 3489.3; 11-AUG-2009 11:22:05; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38940
9; 3913.7; 11-AUG-2009 11:29:09; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38940
10; 4026.9; 11-AUG-2009 11:31:02; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38940
11; 4100.5; 11-AUG-2009 11:32:16; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38940
12; 4540.6; 11-AUG-2009 11:39:36; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38940
13; 4675.3; 11-AUG-2009 11:41:51; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38940
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11; 4100.2; 11-AUG-2009 13:12:51; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38941
12; 4540.7; 11-AUG-2009 13:20:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38941
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6; 2710.6; 11-AUG-2009 14:30:18; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38942
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9; 3474.2; 12-AUG-2009 20:53:48; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38960
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 19; 2128.3; 13-AUG-2009 06:34:58; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;38966
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 23; 3469.8; 13-AUG-2009 06:57:19; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38966

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 8; 3331.4; 13-AUG-2009 20:19:48; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38974
 9; 3463.7; 13-AUG-2009 20:22:01; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38974
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 11; 4088.5; 13-AUG-2009 20:32:25; Bright; 39.0; 175; 39Del Per ; 3.01; 19400;occ; 78; 0;38974
 12; 4196.0; 13-AUG-2009 20:34:13; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;38974
 13; 4364.6; 13-AUG-2009 20:37:02; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38974
 14; 4546.7; 13-AUG-2009 20:40:04; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;38974
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 6; 772.9; 13-AUG-2009 21:17:46; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;38975
 7; 1237.8; 13-AUG-2009 21:25:31; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38975
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 9; 1801.2; 13-AUG-2009 21:34:54; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38975
 10; 1931.2; 13-AUG-2009 21:37:04; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38975
 11; 2124.7; 13-AUG-2009 21:40:18; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38975
 12; 2509.9; 13-AUG-2009 21:46:43; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38975
 13; 3024.9; 13-AUG-2009 21:55:18; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38975
 14; 3330.6; 13-AUG-2009 22:00:23; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38975
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 16; 3894.6; 13-AUG-2009 22:09:48; Bright; 42.0; 160; 23Gam Per ; 2.93; 4700;occ; 84; 0;38975
 17; 4088.2; 13-AUG-2009 22:13:01; Bright; 39.0; 175; 39Del Per ; 3.01; 19400;occ; 78; 0;38975
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 21; 4685.3; 13-AUG-2009 22:22:58; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38975
 22; 4882.5; 13-AUG-2009 22:26:15; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;38975
 23; 4989.0; 13-AUG-2009 22:28:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38975
 24; 5105.4; 13-AUG-2009 22:29:58; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;38975

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4; 774.0; 13-AUG-2009 22:58:23; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;38976
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9; 2124.5; 13-AUG-2009 23:20:53; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38976
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13; 3462.3; 13-AUG-2009 23:43:11; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38976
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19; 4685.5; 14-AUG-2009 00:03:34; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38976
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4; -1490.6; 13-AUG-2009 07:15:15; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;38966
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8; -935.4; 13-AUG-2009 07:24:30; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;38966
9; -851.5; 13-AUG-2009 07:25:54; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38966
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11; -160.3; 13-AUG-2009 07:37:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38966
12; 163.2; 13-AUG-2009 07:42:49; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38967
13; 766.2; 13-AUG-2009 07:52:52; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;38967
14; 1234.1; 13-AUG-2009 08:00:40; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38967
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3; 2127.9; 13-AUG-2009 08:15:33; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38967
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8; 3899.1; 13-AUG-2009 08:45:05; Bright; 52.5; 160; 23Gam Per ; 2.93; 4700;occ; 105; 0;38967
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15; 5101.1; 13-AUG-2009 09:05:07; Dark ; 42.0; 30; 46Eps Ori ; 1.69; 30000;occ; 84; 0;38967
16; 5185.0; 13-AUG-2009 09:06:30; Dark ; 41.0; 125; 44Iot Ori ; 2.77; 30000;occ; 82; 0;38967
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19; 6200.1; 13-AUG-2009 09:23:26; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38967
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19; 5877.4; 13-AUG-2009 10:58:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38968
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22; 6804.7; 13-AUG-2009 12:54:42; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;38969
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3; 1932.8; 13-AUG-2009 13:14:06; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38970
4; 2126.8; 13-AUG-2009 13:17:20; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;38970
5; 2511.0; 13-AUG-2009 13:23:44; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38970
6; 3026.7; 13-AUG-2009 13:32:20; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38970
7; 3466.9; 13-AUG-2009 13:39:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38970
8; 3897.6; 13-AUG-2009 13:46:51; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38970
9; 4090.0; 13-AUG-2009 13:50:03; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38970
10; 4196.4; 13-AUG-2009 13:51:49; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38970
11; 4364.2; 13-AUG-2009 13:54:37; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;38970
12; 4546.0; 13-AUG-2009 13:57:39; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38970
13; 4683.9; 13-AUG-2009 13:59:57; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38970
14; 4879.4; 13-AUG-2009 14:03:13; Dark ; 71.0; 13; 87Alp Tau ; 0.87; 3800;occ; 142; 0;38970
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16; 5102.7; 13-AUG-2009 14:06:56; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38970
17; 5186.7; 13-AUG-2009 14:08:20; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;38970
18; 5275.4; 13-AUG-2009 14:09:48; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;38970
19; 5879.3; 13-AUG-2009 14:19:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38970
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2; 1801.3; 13-AUG-2009 14:52:30; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38971
3; 1932.6; 13-AUG-2009 14:54:42; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38971
4; 2126.5; 13-AUG-2009 14:57:55; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38971
5; 2511.0; 13-AUG-2009 15:04:20; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38971
6; 3026.2; 13-AUG-2009 15:12:55; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38971
7; 3334.0; 13-AUG-2009 15:18:03; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38971
8; 3466.2; 13-AUG-2009 15:20:15; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38971
9; 3897.1; 13-AUG-2009 15:27:26; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38971
10; 4089.6; 13-AUG-2009 15:30:39; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38971
11; 4196.4; 13-AUG-2009 15:32:25; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;38971
12; 4364.5; 13-AUG-2009 15:35:14; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;38971
13; 4546.3; 13-AUG-2009 15:38:15; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;38971
14; 4684.3; 13-AUG-2009 15:40:33; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38971
15; 4880.2; 13-AUG-2009 15:43:49; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38971
16; 4987.3; 13-AUG-2009 15:45:36; Dark ; 52.5; 27; 24Gam Ori ; 1.64; 26000;occ; 105; 0;38971
17; 5103.3; 13-AUG-2009 15:47:32; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38971
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19; 5276.3; 13-AUG-2009 15:50:25; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;38971
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21; 6205.0; 13-AUG-2009 16:05:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38971
22; 6806.6; 13-AUG-2009 16:15:56; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;38971
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2; 1588.0; 13-AUG-2009 16:29:33; Bright; 61.5; 142; 49Del Cap ; 2.85; 8900;occ; 123; 0;38972
3; 1801.3; 13-AUG-2009 16:33:06; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38972
4; 1932.2; 13-AUG-2009 16:35:17; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;38972
5; 2126.1; 13-AUG-2009 16:38:31; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38972
6; 2510.6; 13-AUG-2009 16:44:56; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38972
7; 3026.0; 13-AUG-2009 16:53:31; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38972
8; 3333.1; 13-AUG-2009 16:58:38; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38972
9; 3465.4; 13-AUG-2009 17:00:50; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38972
10; 3896.5; 13-AUG-2009 17:08:01; Bright; 46.0; 160; 23Gam Per ; 2.93; 4700;occ; 92; 0;38972
11; 4089.4; 13-AUG-2009 17:11:14; Bright; 43.0; 175; 39Del Per ; 3.01; 19400;occ; 86; 0;38972
12; 4196.2; 13-AUG-2009 17:13:01; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38972
13; 4364.6; 13-AUG-2009 17:15:50; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;38972
14; 4546.6; 13-AUG-2009 17:18:52; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;38972
15; 4684.8; 13-AUG-2009 17:21:10; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38972
16; 4880.8; 13-AUG-2009 17:24:26; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;38972
17; 4987.8; 13-AUG-2009 17:26:13; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38972
18; 5103.8; 13-AUG-2009 17:28:09; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38972
19; 5188.1; 13-AUG-2009 17:29:33; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;38972
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21; 5881.3; 13-AUG-2009 17:41:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38972
22; 6206.1; 13-AUG-2009 17:46:31; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38972
23; 6807.7; 13-AUG-2009 17:56:33; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38972
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3; 1801.3; 13-AUG-2009 18:13:42; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38973
4; 1931.9; 13-AUG-2009 18:15:53; Bright; 72.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 144; 0;38973
5; 2125.8; 13-AUG-2009 18:19:07; Bright; 56.5; 61; 8Eps Peg ; 2.10; 3900;occ; 113; 0;38973
6; 2510.5; 13-AUG-2009 18:25:31; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38973
7; 3025.6; 13-AUG-2009 18:34:07; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38973
8; 3332.2; 13-AUG-2009 18:39:13; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38973
9; 3464.6; 13-AUG-2009 18:41:26; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38973
10; 3895.9; 13-AUG-2009 18:48:37; Bright; 46.0; 160; 23Gam Per ; 2.93; 4700;occ; 92; 0;38973
11; 4088.8; 13-AUG-2009 18:51:50; Bright; 43.0; 175; 39Del Per ; 3.01; 19400;occ; 86; 0;38973
12; 4196.2; 13-AUG-2009 18:53:37; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38973
13; 4364.6; 13-AUG-2009 18:56:26; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38973
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16; 4881.3; 13-AUG-2009 19:05:02; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;38973
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19; 5188.3; 13-AUG-2009 19:10:09; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38973
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21; 5882.2; 13-AUG-2009 19:21:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38973
22; 6207.2; 13-AUG-2009 19:27:08; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;38973
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3; 774.7; 14-AUG-2009 00:38:59; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38977
4; 1238.7; 14-AUG-2009 00:46:43; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38977
5; 1588.6; 14-AUG-2009 00:52:33; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;38977
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7; 1930.6; 14-AUG-2009 00:58:15; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38977
8; 2124.0; 14-AUG-2009 01:01:29; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38977
9; 2509.2; 14-AUG-2009 01:07:54; Bright; 56.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 112; 0;38977
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11; 3329.0; 14-AUG-2009 01:21:34; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;38977
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13; 3893.7; 14-AUG-2009 01:30:58; Bright; 39.0; 160; 23Gam Per ; 2.93; 4700;occ; 78; 0;38977
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9; 1801.1; 14-AUG-2009 02:36:42; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;38978
10; 1930.5; 14-AUG-2009 02:38:51; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38978
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12; 2509.0; 14-AUG-2009 02:48:29; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38978
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5; 1801.0; 14-AUG-2009 05:57:53; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;38980
6; 1929.9; 14-AUG-2009 06:00:02; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38980
7; 2123.1; 14-AUG-2009 06:03:16; Bright; 66.0; 61; 8Eps Peg ; 2.10; 3900;occ; 132; 0;38980
8; 2508.7; 14-AUG-2009 06:09:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38980
9; 3023.5; 14-AUG-2009 06:18:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38980

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13; 4367.0; 16-AUG-2009 00:35:38; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39005
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 4; 3313.3; 15-AUG-2009 10:53:16; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38997
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 7; 4366.3; 15-AUG-2009 11:10:49; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38997
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 4; 2116.6; 15-AUG-2009 13:54:31; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38999
 5; 3445.1; 15-AUG-2009 14:16:40; Bright; 72.0; 76; 27Gam Cas ; 2.30; 30000;occ; 144; 0;38999
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 13; 4187.5; 20-AUG-2009 00:06:46; Bright; 50.5; 6; 13Alp Aur ; 0.08; 3400;occ; 101; 0;39062
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 20; 5247.1; 20-AUG-2009 00:24:25; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39062
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12; 264.8; 19-AUG-2009 07:56:00; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39053
13; 837.9; 19-AUG-2009 08:05:33; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39053
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15; 5384.3; 22-AUG-2009 09:27:04; Dark ; 74.0; 7; 19Bet Ori ; 0.10; 14000;occ; 148; 0;39096
16; 5482.8; 22-AUG-2009 09:28:43; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;39096
17; 5657.8; 22-AUG-2009 09:31:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39096
18; 6354.2; 22-AUG-2009 09:43:14; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;39096
19; 6907.2; 22-AUG-2009 09:52:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39096
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2; 2091.3; 22-AUG-2009 10:12:47; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39097
3; 2588.3; 22-AUG-2009 10:21:04; Bright; 50.0; 164; 44Eta Peg ; 2.95; 5400;occ; 100; 0;39097
4; 3237.6; 22-AUG-2009 10:31:53; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;39097
5; 3371.3; 22-AUG-2009 10:34:07; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;39097
6; 4183.0; 22-AUG-2009 10:47:39; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39097
7; 4373.0; 22-AUG-2009 10:50:49; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39097
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9; 4571.9; 22-AUG-2009 10:54:08; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;39097
10; 4725.7; 22-AUG-2009 10:56:41; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39097
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12; 5068.3; 22-AUG-2009 11:02:24; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;39097
13; 5185.8; 22-AUG-2009 11:04:22; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;39097
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15; 5385.2; 22-AUG-2009 11:07:41; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;39097
16; 5483.5; 22-AUG-2009 11:09:19; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;39097
17; 5658.6; 22-AUG-2009 11:12:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39097
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19; 6907.9; 22-AUG-2009 11:33:04; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39097
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2; 2091.0; 22-AUG-2009 11:53:23; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39098
3; 2587.5; 22-AUG-2009 12:01:39; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;39098
4; 3236.8; 22-AUG-2009 12:12:28; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39098
5; 3370.4; 22-AUG-2009 12:14:42; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;39098
6; 4182.8; 22-AUG-2009 12:28:14; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39098
7; 4373.1; 22-AUG-2009 12:31:25; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;39098
8; 4572.2; 22-AUG-2009 12:34:44; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;39098
9; 4726.2; 22-AUG-2009 12:37:18; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39098

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13; 5275.1; 22-AUG-2009 12:46:27; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;39098
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16; 5659.5; 22-AUG-2009 12:52:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39098
17; 6356.7; 22-AUG-2009 13:04:28; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39098
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 4; 3236.1; 22-AUG-2009 13:53:04; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;39099
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13; 5276.1; 22-AUG-2009 14:27:04; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39099
14; 5387.2; 22-AUG-2009 14:28:55; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39099
15; 5485.5; 22-AUG-2009 14:30:33; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;39099
16; 5660.4; 22-AUG-2009 14:33:28; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39099
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18; 6909.6; 22-AUG-2009 14:54:17; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39099
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 3; 2090.8; 22-AUG-2009 15:14:34; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39100
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 7; 4373.1; 22-AUG-2009 15:52:36; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39100
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 9; 4726.9; 22-AUG-2009 15:58:30; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39100
10; 4977.9; 22-AUG-2009 16:02:41; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;39100
11; 5070.8; 22-AUG-2009 16:04:14; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39100
12; 5188.4; 22-AUG-2009 16:06:12; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39100
13; 5277.2; 22-AUG-2009 16:07:41; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;39100
14; 5388.4; 22-AUG-2009 16:09:32; Dark ; 71.5; 7; 19Bet Ori ; 0.10; 14000;occ; 143; 0;39100
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 6; 3368.3; 22-AUG-2009 17:16:28; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;39101
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13; 5189.0; 22-AUG-2009 17:46:48; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;39101
14; 5277.9; 22-AUG-2009 17:48:17; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39101
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16; 5487.1; 22-AUG-2009 17:51:46; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;39101
17; 5662.3; 22-AUG-2009 17:54:42; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39101
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19; 6911.8; 22-AUG-2009 19:56:07; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39102
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7; 1289.8; 23-AUG-2009 01:04:49; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39106
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13; 5201.0; 23-AUG-2009 18:55:59; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;39116
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16; 5560.2; 23-AUG-2009 19:01:59; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39116
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13; 5201.7; 23-AUG-2009 20:36:36; Dark ; 56.0; 30; 46Eps Ori ; 1.69; 30000;occ; 112; 0;39117
14; 5291.3; 23-AUG-2009 20:38:06; Dark ; 52.0; 125; 44Iot Ori ; 2.77; 30000;occ; 104; 0;39117
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 8; 4374.2; 23-AUG-2009 22:03:24; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39118
 9; 4652.8; 23-AUG-2009 22:08:03; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;39118
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 6; 345.4; 23-AUG-2009 22:36:51; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;39119
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 9; 1903.2; 23-AUG-2009 23:02:49; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39119
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 11; 2571.4; 23-AUG-2009 23:13:57; Bright; 65.0; 164; 44Eta Peg ; 2.95; 5400;occ; 130; 0;39119
 12; 3221.3; 23-AUG-2009 23:24:47; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39119
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 15; 4374.1; 23-AUG-2009 23:44:00; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39119
 16; 4653.1; 23-AUG-2009 23:48:39; Dark ; 55.5; 151; 13Mu Gem ; 2.89; 3000;occ; 111; 0;39119
 17; 4752.4; 23-AUG-2009 23:50:18; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39119
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 19; 5085.9; 23-AUG-2009 23:55:52; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39119
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 21; 5293.0; 23-AUG-2009 23:59:19; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39119
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 4; 346.5; 24-AUG-2009 00:17:28; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39120
 5; 888.0; 24-AUG-2009 00:26:30; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39120
 6; 1294.4; 24-AUG-2009 00:33:16; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39120
 7; 1902.8; 24-AUG-2009 00:43:25; Bright; 61.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 122; 0;39120
 8; 2086.9; 24-AUG-2009 00:46:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;39120
 9; 2570.7; 24-AUG-2009 00:54:33; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39120
 10; 3220.7; 24-AUG-2009 01:05:23; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39120
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 13; 4374.2; 24-AUG-2009 01:24:36; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39120
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 16; 4989.2; 24-AUG-2009 01:34:51; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39120
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 4; -472.0; 24-AUG-2009 01:44:26; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39120
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 6; 347.8; 24-AUG-2009 01:58:06; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39121
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3; 2556.1; 25-AUG-2009 12:06:52; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;39141
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6; 4375.3; 25-AUG-2009 12:37:12; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39141
7; 4582.2; 25-AUG-2009 12:40:39; Dark ; 60.0; 28; 12Bet Tau ; 1.65; 15200;occ; 120; 0;39141
8; 4759.3; 25-AUG-2009 12:43:36; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39141
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14; 5523.1; 25-AUG-2009 12:56:19; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;39141
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17; 6939.3; 25-AUG-2009 13:19:56; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39141
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4; 3205.3; 25-AUG-2009 13:58:18; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39142
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7; 4375.5; 25-AUG-2009 14:17:48; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39142
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10; 4583.3; 25-AUG-2009 21:03:39; Dark ; 59.5; 28; 12Bet Tau ; 1.65; 15200;occ; 119; 0;39146
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12; 5004.9; 25-AUG-2009 21:10:41; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;39146
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3; -691.7; 25-AUG-2009 21:16:20; Dark ; 50.0; 56; 53Kap Ori ; 2.07; 30000;occ; 100; 0;39146
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6; -331.5; 25-AUG-2009 21:22:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39146
7; 379.8; 25-AUG-2009 21:34:12; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39147
8; 906.8; 25-AUG-2009 21:42:59; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;39147
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13; 3201.7; 25-AUG-2009 22:21:14; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39147
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 7; 4175.2; 25-AUG-2009 19:16:15; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;39145
 8; 4375.5; 25-AUG-2009 19:19:36; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39145

9; 4583.2; 25-AUG-2009 19:23:03; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39145
 10; 4760.8; 25-AUG-2009 19:26:01; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39145
 11; 5004.3; 25-AUG-2009 19:30:04; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;39145
 12; 5108.7; 25-AUG-2009 19:31:49; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39145
 13; 5226.2; 25-AUG-2009 19:33:46; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39145
 14; 5343.4; 25-AUG-2009 19:35:44; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39145
 15; 5438.4; 25-AUG-2009 19:37:19; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39145
 16; 5587.5; 25-AUG-2009 19:39:48; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39145
 17; 5703.5; 25-AUG-2009 19:41:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39145
 18; 6414.6; 25-AUG-2009 19:53:35; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39145
 19; 6942.1; 25-AUG-2009 20:02:22; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;39145

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 7; 908.0; 26-AUG-2009 01:04:12; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39149
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 9; 1900.2; 26-AUG-2009 01:20:44; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39149
 10; 2082.9; 26-AUG-2009 01:23:47; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39149
 11; 2550.3; 26-AUG-2009 01:31:34; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39149
 12; 3200.4; 26-AUG-2009 01:42:24; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39149
 13; 3332.8; 26-AUG-2009 01:44:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39149
 14; 4174.6; 26-AUG-2009 01:58:38; Bright; 69.0; 6; 13Alp Aur ; 0.08; 3400;occ; 138; 0;39149
 15; 4375.5; 26-AUG-2009 02:01:59; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39149
 16; 4584.1; 26-AUG-2009 02:05:28; Dark ; 62.0; 28; 12Bet Tau ; 1.65; 15200;occ; 124; 0;39149
 17; 4762.0; 26-AUG-2009 02:08:26; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;39149
 18; 5006.9; 26-AUG-2009 02:12:31; Dark ; 65.5; 14; 58Alp Ori ; 0.87; 3000;occ; 131; 0;39149

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 3; -806.3; 26-AUG-2009 02:16:13; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;39149
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 7; -328.5; 26-AUG-2009 02:24:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39149
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 9; 908.8; 26-AUG-2009 02:44:48; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39150
 10; 1304.5; 26-AUG-2009 02:51:24; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39150
 11; 1900.2; 26-AUG-2009 03:01:20; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39150
 12; 2083.0; 26-AUG-2009 03:04:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39150
 13; 2549.9; 26-AUG-2009 03:12:09; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39150
 14; 3199.6; 26-AUG-2009 03:22:59; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39150
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 3; -1451.6; 26-AUG-2009 03:46:04; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39150
 4; -1273.6; 26-AUG-2009 03:49:02; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39150
 5; -1028.4; 26-AUG-2009 03:53:07; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39150
 6; -922.7; 26-AUG-2009 03:54:53; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39150
 7; -805.3; 26-AUG-2009 03:56:50; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39150
 8; -688.3; 26-AUG-2009 03:58:47; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39150
 9; -591.4; 26-AUG-2009 04:00:24; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39150
 10; -443.5; 26-AUG-2009 04:02:52; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39150
 11; -327.5; 26-AUG-2009 04:04:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39150
 12; 384.9; 26-AUG-2009 04:16:40; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39151
 13; 909.5; 26-AUG-2009 04:25:25; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;39151
 14; 1304.9; 26-AUG-2009 04:32:00; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 0;39151
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 16; 2082.8; 26-AUG-2009 04:44:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39151
 17; 2549.1; 26-AUG-2009 04:52:45; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39151
 18; 3199.0; 26-AUG-2009 05:03:35; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39151
 19; 3331.4; 26-AUG-2009 05:05:47; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39151

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4;-1273.4; 26-AUG-2009 05:29:38; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39151
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8; -687.6; 26-AUG-2009 05:39:24; Dark ; 51.5; 56; 53Kap Ori ; 2.07; 30000;occ; 103; 0;39151
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11; -326.5; 26-AUG-2009 05:45:25; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39151
12; 386.1; 26-AUG-2009 05:57:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39152
13; 910.3; 26-AUG-2009 06:06:02; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39152
14; 1305.3; 26-AUG-2009 06:12:37; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39152
15; 1900.0; 26-AUG-2009 06:22:31; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39152
16; 2082.7; 26-AUG-2009 06:25:34; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;39152
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18; 3198.4; 26-AUG-2009 06:44:10; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39152
19; 3330.5; 26-AUG-2009 06:46:22; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39152
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3; 1899.2; 26-AUG-2009 21:27:54; Bright; 59.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 118; 0;39161
4; 2081.3; 26-AUG-2009 21:30:56; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;39161
5; 2542.6; 26-AUG-2009 21:38:38; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39161
6; 3192.1; 26-AUG-2009 21:49:27; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39161
7; 3323.8; 26-AUG-2009 21:51:39; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39161
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9; 4376.0; 26-AUG-2009 22:09:11; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39161
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13; 5123.5; 26-AUG-2009 22:21:38; Dark ; 63.5; 27; 24Gam Ori ; 1.64; 26000;occ; 127; 0;39161
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6; 398.3; 26-AUG-2009 22:43:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39162
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4;-1273.1; 26-AUG-2009 07:10:14; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39152
5;-1027.1; 26-AUG-2009 07:14:20; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;39152
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9; 2283.8; 28-AUG-2009 02:04:29; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;39178
10; 2532.2; 28-AUG-2009 02:08:38; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39178
11; 3180.4; 28-AUG-2009 02:19:26; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;39178
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2; -1659.3; 28-AUG-2009 02:39:22; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39178
3; -1444.4; 28-AUG-2009 02:42:57; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;39178
4; -1366.4; 28-AUG-2009 02:44:15; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;39178
5; -1264.3; 28-AUG-2009 02:45:57; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39178
6; -1009.9; 28-AUG-2009 02:50:11; Dark ; 68.5; 14; 58Alp Ori ; 0.87; 3000;occ; 137; 0;39178
7; -778.6; 28-AUG-2009 02:54:03; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39178
8; -556.2; 28-AUG-2009 02:57:45; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;39178
9; -415.0; 28-AUG-2009 03:00:06; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39178
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2; 928.7; 28-AUG-2009 05:03:06; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39180
3; 1313.8; 28-AUG-2009 05:09:31; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39180
4; 1898.0; 28-AUG-2009 05:19:15; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;39180
5; 2282.6; 28-AUG-2009 05:25:40; Bright; 45.0; 90; 54Alp Peg ; 2.49; 11000;occ; 90; 0;39180
6; 2530.8; 28-AUG-2009 05:29:48; Bright; 67.0; 164; 44Eta Peg ; 2.95; 5400;occ; 134; 0;39180

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3;-1443.9; 28-AUG-2009 06:04:09; Dark ; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;39180
4;-1365.9; 28-AUG-2009 06:05:27; Dark ; 43.5; 151; 13Mu Gem ; 2.89; 3000;occ; 87; 0;39180
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2;-1263.6; 28-AUG-2009 06:07:10; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39180
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3; -553.4; 28-AUG-2009 06:19:00; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;39180
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3; -297.0; 28-AUG-2009 06:23:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39180
4; 421.7; 28-AUG-2009 06:35:15; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39181
5; 929.2; 28-AUG-2009 06:43:43; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39181
6; 1314.2; 28-AUG-2009 06:50:07; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39181
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2; 2281.0; 28-AUG-2009 08:46:50; Bright; 50.0; 90; 54Alp Peg ; 2.49; 11000;occ; 100; 0;39182
3; 2529.7; 28-AUG-2009 08:50:59; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39182
4; 3177.8; 28-AUG-2009 09:01:47; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39182
5; 3308.7; 28-AUG-2009 09:03:58; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39182
6; 4168.1; 28-AUG-2009 09:18:17; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;39182
7; 4376.9; 28-AUG-2009 09:21:46; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39182
8; 4592.6; 28-AUG-2009 09:25:22; Dark ; 33.0; 28; 12Bet Tau ; 1.65; 15200;occ; 66; 0;39182
9; 4670.7; 28-AUG-2009 09:26:40; Dark ; 55.5; 151; 13Mu Gem ; 2.89; 3000;occ; 111; 0;39182
10; 4773.0; 28-AUG-2009 09:28:22; Dark ; 50.0; 44; 24Gam Gem ; 1.93; 11000;occ; 100; 0;39182
11; 5028.8; 28-AUG-2009 09:32:38; Dark ; 72.0; 14; 58Alp Ori ; 0.87; 3000;occ; 144; 0;39182
12; 5259.5; 28-AUG-2009 09:36:29; Dark ; 59.5; 33; 50Zet Ori ; 1.77; 30000;occ; 119; 0;39182
13; 5376.1; 28-AUG-2009 09:38:25; Dark ; 54.0; 56; 53Kap Ori ; 2.07; 30000;occ; 108; 0;39182
14; 5485.1; 28-AUG-2009 09:40:14; Dark ; 68.5; 7; 19Bet Ori ; 0.10; 14000;occ; 137; 0;39182
15; 5625.0; 28-AUG-2009 09:42:34; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;39182
16; 5741.0; 28-AUG-2009 09:44:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39182
17; 6460.0; 28-AUG-2009 09:56:29; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39182
18; 6966.4; 28-AUG-2009 10:04:56; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;39182
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2; 2280.4; 28-AUG-2009 10:27:26; Bright; 52.0; 90; 54Alp Peg ; 2.49; 11000;occ; 104; 0;39183
3; 2529.1; 28-AUG-2009 10:31:34; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;39183
4; 3177.0; 28-AUG-2009 10:42:22; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;39183
5; 3308.0; 28-AUG-2009 10:44:33; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39183
6; 4167.9; 28-AUG-2009 10:58:53; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39183
7; 4377.0; 28-AUG-2009 11:02:22; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39183
8; 4592.9; 28-AUG-2009 11:05:58; Dark ; 33.0; 28; 12Bet Tau ; 1.65; 15200;occ; 66; 0;39183
9; 4670.9; 28-AUG-2009 11:07:16; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39183
10; 4773.3; 28-AUG-2009 11:08:58; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39183
11; 5029.5; 28-AUG-2009 11:13:15; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39183
12; 5260.3; 28-AUG-2009 11:17:05; Dark ; 58.0; 33; 50Zet Ori ; 1.77; 30000;occ; 116; 0;39183
13; 5376.9; 28-AUG-2009 11:19:02; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39183
14; 5486.5; 28-AUG-2009 11:20:52; Dark ; 73.0; 7; 19Bet Ori ; 0.10; 14000;occ; 146; 0;39183
15; 5626.2; 28-AUG-2009 11:23:11; Dark ; 51.0; 139; 9Bet Lep ; 2.83; 5600;occ; 102; 0;39183
16; 5742.0; 28-AUG-2009 11:25:07; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39183
17; 6461.3; 28-AUG-2009 11:37:06; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39183
18; 6966.9; 28-AUG-2009 11:45:32; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;39183

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3; 2528.5; 28-AUG-2009 12:12:10; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;39184
4; 3176.4; 28-AUG-2009 12:22:57; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39184
5; 3307.3; 28-AUG-2009 12:25:08; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39184
6; 4167.6; 28-AUG-2009 12:39:29; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;39184
7; 4376.8; 28-AUG-2009 12:42:58; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39184
8; 4593.1; 28-AUG-2009 12:46:34; Dark ; 25.0; 28; 12Bet Tau ; 1.65; 15200;occ; 50; 0;39184
9; 4671.2; 28-AUG-2009 12:47:52; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;39184
10; 4773.6; 28-AUG-2009 12:49:35; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39184
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13; 5377.7; 28-AUG-2009 12:59:39; Dark ; 51.0; 56; 53Kap Ori ; 2.07; 30000;occ; 102; 0;39184
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16; 5743.0; 28-AUG-2009 13:05:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39184
17; 6462.4; 28-AUG-2009 13:17:43; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39184
18; 6967.7; 28-AUG-2009 13:26:09; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39184
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3; 2528.0; 28-AUG-2009 13:52:45; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39185
4; 3175.6; 28-AUG-2009 14:03:32; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;39185
5; 3306.8; 28-AUG-2009 14:05:44; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;39185
6; 4167.4; 28-AUG-2009 14:20:04; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39185
7; 4376.9; 28-AUG-2009 14:23:34; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;39185
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3; 2527.5; 28-AUG-2009 15:33:20; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;39186
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9; 4774.6; 28-AUG-2009 16:10:47; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39186
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13; 5490.6; 28-AUG-2009 16:22:43; Dark ; 65.0; 7; 19Bet Ori ; 0.10; 14000;occ; 130; 0;39186
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17; 6969.1; 28-AUG-2009 16:47:22; Dark ; 57.5; 84; Alp Phe ; 2.40; 4500;occ; 115; 0;39186
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4; 2526.7; 28-AUG-2009 17:13:56; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39187
5; 3174.4; 28-AUG-2009 17:24:43; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39187
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7; 4167.3; 28-AUG-2009 17:41:16; Bright; 61.5; 6; 13Alp Aur ; 0.08; 3400;occ; 123; 0;39187
8; 4377.1; 28-AUG-2009 17:44:46; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39187

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3; -1353.1; 31-AUG-2009 04:30:49; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;39222
4; -1248.1; 31-AUG-2009 04:32:34; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39222
5; -977.2; 31-AUG-2009 04:37:05; Dark ; 68.5; 14; 58Alp Ori ; 0.87; 3000;occ; 137; 0;39222
6; -731.4; 31-AUG-2009 04:41:11; Dark ; 63.5; 30; 46Eps Ori ; 1.69; 30000;occ; 127; 0;39222
7; -594.7; 31-AUG-2009 04:43:27; Dark ; 48.0; 47; 2Bet CMA ; 1.98; 28000;occ; 96; 0;39222
8; -427.8; 31-AUG-2009 04:46:14; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;39222
9; -251.4; 31-AUG-2009 04:49:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39222
10; 472.9; 31-AUG-2009 05:01:15; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39223
11; 955.2; 31-AUG-2009 05:09:17; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39223
12; 1326.4; 31-AUG-2009 05:15:28; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39223
13; 1895.8; 31-AUG-2009 05:24:58; Bright; 56.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 112; 0;39223
14; 2256.4; 31-AUG-2009 05:30:58; Bright; 47.0; 90; 54Alp Peg ; 2.49; 11000;occ; 94; 0;39223
15; 2507.3; 31-AUG-2009 05:35:09; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39223
16; 3150.6; 31-AUG-2009 05:45:53; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39223

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3; 2502.7; 31-AUG-2009 20:40:28; Bright; 40.5; 164; 44Eta Peg ; 2.95; 5400;occ; 81; 0;39232
4; 3144.8; 31-AUG-2009 20:51:10; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39232
5; 3273.2; 31-AUG-2009 20:53:19; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;39232
6; 4156.4; 31-AUG-2009 21:08:02; Bright; 60.5; 6; 13Alp Aur ; 0.08; 3400;occ; 121; 0;39232
7; 4378.1; 31-AUG-2009 21:11:43; Bright; 49.0; 107; 37The Aur ; 2.65; 11000;occ; 98; 0;39232
8; 4686.1; 31-AUG-2009 21:16:51; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;39232
9; 4791.6; 31-AUG-2009 21:18:37; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39232
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3; -415.8; 31-AUG-2009 21:32:25; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;39232
4; -240.0; 31-AUG-2009 21:35:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39232
5; 485.0; 31-AUG-2009 21:47:26; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;39233
6; 961.1; 31-AUG-2009 21:55:22; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;39233
7; 1329.3; 31-AUG-2009 22:01:31; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39233
8; 2251.0; 31-AUG-2009 22:16:52; Bright; 70.0; 90; 54Alp Peg ; 2.49; 11000;occ; 140; 0;39233
9; 2502.2; 31-AUG-2009 22:21:03; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39233
10; 3144.0; 31-AUG-2009 22:31:45; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39233
11; 3272.4; 31-AUG-2009 22:33:54; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39233
12; 4156.1; 31-AUG-2009 22:48:37; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;39233
13; 4378.1; 31-AUG-2009 22:52:19; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39233
14; 4686.4; 31-AUG-2009 22:57:28; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;39233
15; 4791.8; 31-AUG-2009 22:59:13; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39233
16; 5067.4; 31-AUG-2009 23:03:49; Dark ; 74.5; 14; 58Alp Ori ; 0.87; 3000;occ; 149; 0;39233
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4; 486.3; 31-AUG-2009 23:28:03; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39234
5; 961.6; 31-AUG-2009 23:35:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39234
6; 1329.5; 31-AUG-2009 23:42:07; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39234
7; 2250.3; 31-AUG-2009 23:57:27; Bright; 47.0; 90; 54Alp Peg ; 2.49; 11000;occ; 94; 0;39234
8; 2501.6; 01-SEP-2009 00:01:39; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39234
9; 3143.7; 01-SEP-2009 00:12:21; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39234
10; 3271.6; 01-SEP-2009 00:14:29; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39234
11; 4155.9; 01-SEP-2009 00:29:13; Bright; 64.0; 6; 13Alp Aur ; 0.08; 3400;occ; 128; 0;39234
12; 4378.0; 01-SEP-2009 00:32:55; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39234
13; 4686.7; 01-SEP-2009 00:38:04; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39234
14; 4792.4; 01-SEP-2009 00:39:49; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39234
15; 5068.6; 01-SEP-2009 00:44:26; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39234
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3; -1352.6; 31-AUG-2009 06:11:25; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39223
4; -1247.7; 31-AUG-2009 06:13:10; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39223
5; -976.6; 31-AUG-2009 06:17:41; Dark ; 73.5; 14; 58Alp Ori ; 0.87; 3000;occ; 147; 0;39223
6; -730.1; 31-AUG-2009 06:21:48; Dark ; 66.0; 30; 46Eps Ori ; 1.69; 30000;occ; 132; 0;39223
7; -594.0; 31-AUG-2009 06:24:04; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39223
8; -426.7; 31-AUG-2009 06:26:51; Dark ; 58.0; 101; 11Alp Lep ; 2.58; 7000;occ; 116; 0;39223
9; -250.2; 31-AUG-2009 06:29:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39223
10; 474.1; 31-AUG-2009 06:41:52; Dark ; 56.5; 157; The1Eri ; 2.91; 9300;occ; 113; 0;39224
11; 955.8; 31-AUG-2009 06:49:54; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;39224
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3; 2506.7; 31-AUG-2009 07:15:45; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39224
4; 3149.9; 31-AUG-2009 07:26:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39224
5; 3278.8; 31-AUG-2009 07:28:37; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39224
6; 4158.4; 31-AUG-2009 07:43:16; Bright; 63.5; 6; 13Alp Aur ; 0.08; 3400;occ; 127; 0;39224
7; 4378.1; 31-AUG-2009 07:46:56; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39224

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 9; 4788.4; 31-AUG-2009 07:53:46; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39224
 10; 5060.4; 31-AUG-2009 07:58:18; Dark ; 77.0; 14; 58Alp Ori ; 0.87; 3000;occ; 154; 0;39224
 11; 5307.1; 31-AUG-2009 08:02:25; Dark ; 64.0; 30; 46Eps Ori ; 1.69; 30000;occ; 128; 0;39224
 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
 13; 5610.4; 31-AUG-2009 08:07:28; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39224
 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
 15; 6511.6; 31-AUG-2009 08:22:30; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39224
 16; 6992.5; 31-AUG-2009 08:30:30; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39224
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 3; 2506.1; 31-AUG-2009 08:56:20; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39225
 4; 3149.4; 31-AUG-2009 09:07:03; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39225
 5; 3278.0; 31-AUG-2009 09:09:12; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39225
 6; 4158.2; 31-AUG-2009 09:23:52; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39225
 7; 4378.1; 31-AUG-2009 09:27:32; Bright; 50.0; 107; 37The Aur ; 2.65; 11000;occ; 100; 0;39225
 8; 4683.9; 31-AUG-2009 09:32:38; Dark ; 61.0; 151; 13Mu Gem ; 2.89; 3000;occ; 122; 0;39225
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 11; 5308.1; 31-AUG-2009 09:43:02; Dark ; 64.5; 30; 46Eps Ori ; 1.69; 30000;occ; 129; 0;39225
 12; 5443.4; 31-AUG-2009 09:45:17; Dark ; 42.5; 47; 2Bet CMA ; 1.98; 28000;occ; 85; 0;39225
 13; 5611.6; 31-AUG-2009 09:48:06; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;39225
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 16; 6993.1; 31-AUG-2009 10:11:07; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39225
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 3; 2505.7; 31-AUG-2009 10:36:55; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;39226
 4; 3148.7; 31-AUG-2009 10:47:39; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39226
 5; 3277.3; 31-AUG-2009 10:49:47; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39226
 6; 4157.9; 31-AUG-2009 11:04:28; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39226
 7; 4378.2; 31-AUG-2009 11:08:08; Bright; 48.5; 107; 37The Aur ; 2.65; 11000;occ; 97; 0;39226
 8; 4684.2; 31-AUG-2009 11:13:14; Dark ; 64.0; 151; 13Mu Gem ; 2.89; 3000;occ; 128; 0;39226
 9; 4789.1; 31-AUG-2009 11:14:59; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39226
 10; 5061.9; 31-AUG-2009 11:19:32; Dark ; 75.0; 14; 58Alp Ori ; 0.87; 3000;occ; 150; 0;39226
 11; 5309.1; 31-AUG-2009 11:23:39; Dark ; 63.0; 30; 46Eps Ori ; 1.69; 30000;occ; 126; 0;39226
 12; 5444.1; 31-AUG-2009 11:25:54; Dark ; 47.5; 47; 2Bet CMA ; 1.98; 28000;occ; 95; 0;39226
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 2; 2254.1; 31-AUG-2009 12:13:20; Bright; 49.0; 90; 54Alp Peg ; 2.49; 11000;occ; 98; 0;39227
 3; 2505.1; 31-AUG-2009 12:17:31; Bright; 41.0; 164; 44Eta Peg ; 2.95; 5400;occ; 82; 0;39227
 4; 3148.2; 31-AUG-2009 12:28:14; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39227
 5; 3276.6; 31-AUG-2009 12:30:22; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39227
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 7; 4378.2; 31-AUG-2009 12:48:44; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;39227
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 9; 4789.7; 31-AUG-2009 12:55:35; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39227
 10; 5062.8; 31-AUG-2009 13:00:08; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;39227
 11; 5310.3; 31-AUG-2009 13:04:16; Dark ; 59.0; 30; 46Eps Ori ; 1.69; 30000;occ; 118; 0;39227
 12; 5445.0; 31-AUG-2009 13:06:31; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39227
 13; 5613.9; 31-AUG-2009 13:09:19; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39227
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 16; 6994.1; 31-AUG-2009 13:32:20; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39227
 17; 7363.8; 31-AUG-2009 13:38:29; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39227

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 2; 2504.8; 31-AUG-2009 13:58:06; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39228
 3; 3147.5; 31-AUG-2009 14:08:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39228

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5; 4157.6; 31-AUG-2009 14:25:39; Bright; 62.0; 6; 13Alp Aur ; 0.08; 3400;occ; 124; 0;39228
6; 4378.3; 31-AUG-2009 14:29:20; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39228
7; 4684.9; 31-AUG-2009 14:34:26; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;39228
8; 4790.1; 31-AUG-2009 14:36:12; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39228
9; 5063.8; 31-AUG-2009 14:40:45; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39228
10; 5311.7; 31-AUG-2009 14:44:53; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39228
11; 5445.8; 31-AUG-2009 14:47:07; Dark ; 46.5; 47; 2Bet CMA ; 1.98; 28000;occ; 93; 0;39228
12; 5615.1; 31-AUG-2009 14:49:57; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39228
13; 5791.4; 31-AUG-2009 14:52:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39228
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3; 2504.2; 31-AUG-2009 15:38:42; Bright; 55.5; 164; 44Eta Peg ; 2.95; 5400;occ; 111; 0;39229
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