

GOMOS Daily Report 29-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	01SEP2009 04:49:39
Data source version	GOMOS/5.00
Start time of products	29AUG2009 00:07:04
Stop time of products	29AUG2009 23:55:33
Store outputs in DB	Yes
Nb of level 1b prods	111
Nb of prods with errors	2

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

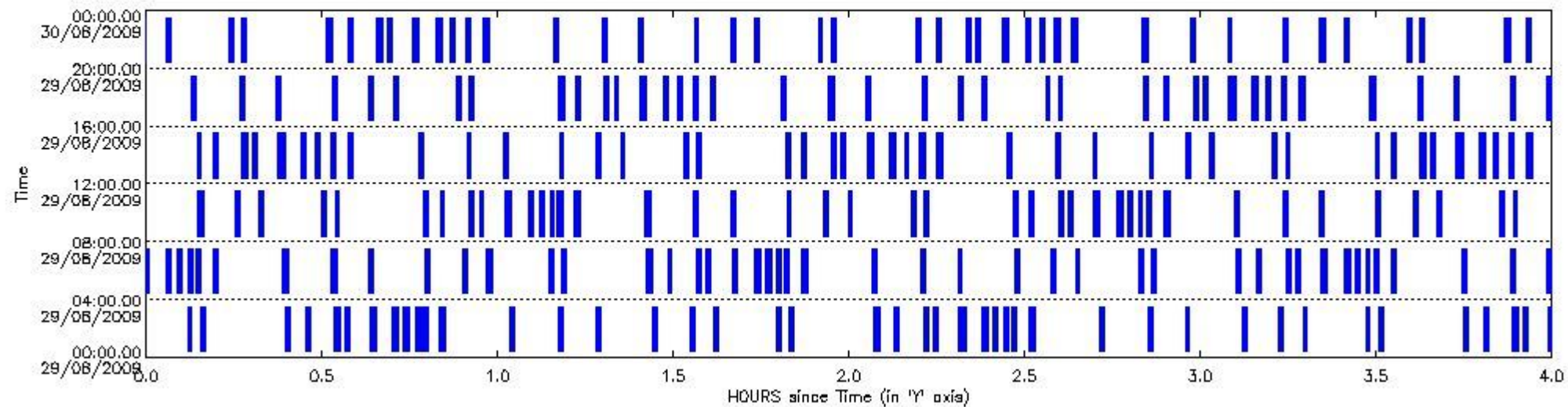
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

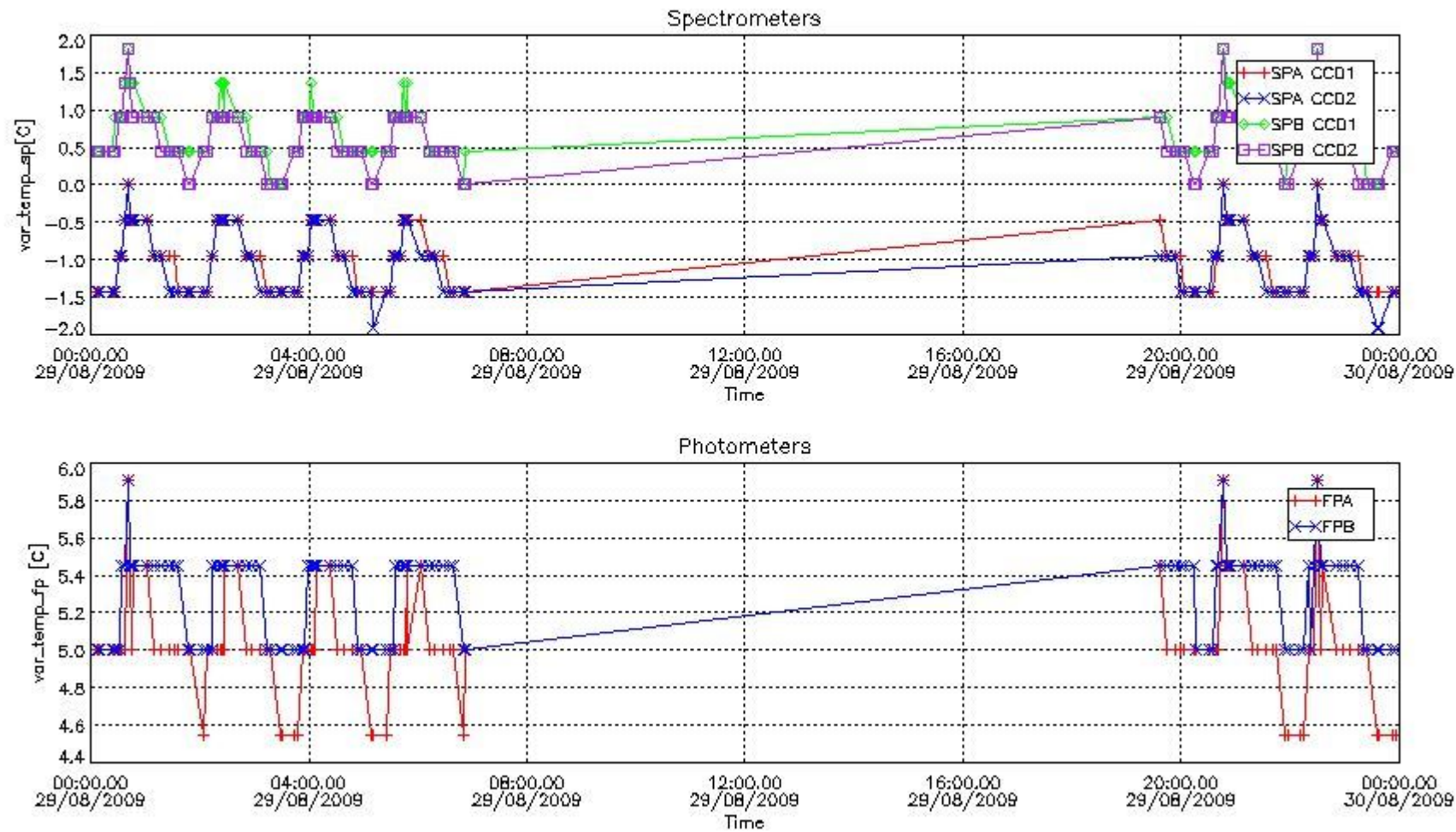
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090829_000704_000000442082_00059_39191_1728.N1	29-AUG-2009 00:07:04	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39191	No
2	GOM_TRA_1PNPDE20090829_000915_000000452082_00059_39191_1729.N1	29-AUG-2009 00:09:15	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39191	No
3	GOM_TRA_1PNPDE20090829_002339_000000602082_00059_39191_1730.N1	29-AUG-2009 00:23:39	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39191	No
4	GOM_TRA_1PNPDE20090829_002710_000000502082_00059_39191_1731.N1	29-AUG-2009 00:27:10	Bright	50.000	107	37The Aur	2.6490	11000.	100	39191	No
5	GOM_TRA_1PNPDE20090829_003206_000000562082_00059_39191_1732.N1	29-AUG-2009 00:32:06	Twilight_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	39191	No
6	GOM_TRA_1PNPDE20090829_003349_000000472082_00059_39191_1733.N1	29-AUG-2009 00:33:49	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39191	No
7	GOM_TRA_1PNPDE20090829_003808_000000732082_00059_39191_1734.N1	29-AUG-2009 00:38:08	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39191	No
8	GOM_TRA_1PNPDE20090829_004203_000000642082_00059_39191_1886.N1	29-AUG-2009 00:42:03	Dark	64.000	30	46Eps Ori	1.6940	30000.	128	39191	Yes
9	GOM_TRA_1PNPDE20090829_004357_000000572082_00059_39191_1887.N1	29-AUG-2009 00:43:57	Dark	57.000	56	53Kap Ori	2.0650	30000.	114	39191	No
10	GOM_TRA_1PNPDE20090829_004550_000000522082_00059_39191_1888.N1	29-AUG-2009 00:45:50	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	39191	No
11	GOM_TRA_1PNPDE20090829_004706_000000532082_00059_39191_1889.N1	29-AUG-2009 00:47:06	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	39191	No
12	GOM_TRA_1PNPDE20090829_010204_000000552082_00060_39192_1890.N1	29-AUG-2009 01:02:04	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39192	No

13	GOM_TRA_1PNPDE20090829_011025_000000492082_00060_39192_1891.N1	29-AUG-2009 01:10:25	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39192	No
14	GOM_TRA_1PNPDE20090829_011646_000000462082_00060_39192_1892.N1	29-AUG-2009 01:16:46	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39192	No
15	GOM_TRA_1PNPDE20090829_012626_000000422082_00060_39192_1893.N1	29-AUG-2009 01:26:26	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39192	No
16	GOM_TRA_1PNPDE20090829_013243_000000592082_00060_39192_1894.N1	29-AUG-2009 01:32:43	Bright	58.500	90	54Alp Peg	2.4870	11000.	117	39192	No
17	GOM_TRA_1PNPDE20090829_013652_000000472082_00060_39192_1895.N1	29-AUG-2009 01:36:52	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	39192	No
18	GOM_TRA_1PNPDE20090829_014739_000000452082_00060_39192_1896.N1	29-AUG-2009 01:47:39	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39192	No
19	GOM_TRA_1PNPDE20090829_014950_000000462082_00060_39192_1897.N1	29-AUG-2009 01:49:50	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39192	No
20	GOM_TRA_1PNPDE20090829_020414_000000582082_00060_39192_1898.N1	29-AUG-2009 02:04:14	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39192	No
21	GOM_TRA_1PNPDE20090829_020745_000000472082_00060_39192_1899.N1	29-AUG-2009 02:07:45	Bright	46.500	107	37The Aur	2.6490	11000.	93	39192	No
22	GOM_TRA_1PNPDE20090829_021242_000000512082_00060_39192_1900.N1	29-AUG-2009 02:12:42	Tw_i_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	39192	No
23	GOM_TRA_1PNPDE20090829_021425_000000492082_00060_39192_1901.N1	29-AUG-2009 02:14:25	Tw_i_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	39192	No
24	GOM_TRA_1PNPDE20090829_021844_000000732082_00060_39192_2041.N1	29-AUG-2009 02:18:44	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39192	No
25	GOM_TRA_1PNPDE20090829_022240_000000592082_00060_39192_2042.N1	29-AUG-2009 02:22:40	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39192	No
26	GOM_TRA_1PNPDE20090829_022434_000000542082_00060_39192_2043.N1	29-AUG-2009 02:24:34	Dark	54.000	56	53Kap Ori	2.0650	30000.	108	39192	No
27	GOM_TRA_1PNPDE20090829_022627_000000442082_00060_39192_2044.N1	29-AUG-2009 02:26:27	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	39192	No
28	GOM_TRA_1PNPDE20090829_022743_000000522082_00060_39192_2045.N1	29-AUG-2009 02:27:43	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	39192	No
29	GOM_TRA_1PNPDE20090829_024241_000000552082_00061_39193_2046.N1	29-AUG-2009 02:42:41	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39193	No
30	GOM_TRA_1PNPDE20090829_025101_000000502082_00061_39193_2047.N1	29-AUG-2009 02:51:01	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39193	No
31	GOM_TRA_1PNPDE20090829_025722_000000482082_00061_39193_2048.N1	29-AUG-2009 02:57:22	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39193	No
32	GOM_TRA_1PNPDE20090829_030701_000000572082_00061_39193_2049.N1	29-AUG-2009 03:07:01	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39193	No
33	GOM_TRA_1PNPDE20090829_031318_000000502082_00061_39193_2050.N1	29-AUG-2009 03:13:18	Bright	49.500	90	54Alp Peg	2.4870	11000.	99	39193	No
34	GOM_TRA_1PNPDE20090829_031727_000000442082_00061_39193_2051.N1	29-AUG-2009 03:17:27	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39193	No
35	GOM_TRA_1PNPDE20090829_032815_000000432082_00061_39193_2052.N1	29-AUG-2009 03:28:15	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39193	No
36	GOM_TRA_1PNPDE20090829_033025_000000462082_00061_39193_2053.N1	29-AUG-2009 03:30:25	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39193	No
37	GOM_TRA_1PNPDE20090829_034450_000000552082_00061_39193_2210.N1	29-AUG-2009 03:44:50	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39193	No
38	GOM_TRA_1PNPDE20090829_034821_000000462082_00061_39193_2211.N1	29-AUG-2009 03:48:21	Bright	46.000	107	37The Aur	2.6490	11000.	92	39193	No
39	GOM_TRA_1PNPDE20090829_035318_000000602082_00061_39193_2212.N1	29-AUG-2009 03:53:18	Tw_i_and_stray	59.500	151	13Mu Gem	2.8900	3000.0	119	39193	No
40	GOM_TRA_1PNPDE20090829_035501_000000472082_00061_39193_2213.N1	29-AUG-2009 03:55:01	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	39193	No
41	GOM_TRA_1PNPDE20090829_035921_000000592082_00061_39193_2214.N1	29-AUG-2009 03:59:21	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	39193	No
42	GOM_TRA_1PNPDE20090829_040317_000000622082_00061_39193_2215.N1	29-AUG-2009 04:03:17	Dark	61.500	30	46Eps Ori	1.6940	30000.	123	39193	No
43	GOM_TRA_1PNPDE20090829_040511_000000562082_00061_39193_2216.N1	29-AUG-2009 04:05:11	Dark	55.500	56	53Kap Ori	2.0650	30000.	111	39193	No
44	GOM_TRA_1PNPDE20090829_040704_000000442082_00061_39193_2217.N1	29-AUG-2009 04:07:04	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	39193	No
45	GOM_TRA_1PNPDE20090829_040820_000000512082_00061_39193_2218.N1	29-AUG-2009 04:08:20	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39193	No
46	GOM_TRA_1PNPDE20090829_042318_000000562082_00062_39194_2219.N1	29-AUG-2009 04:23:18	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39194	No
47	GOM_TRA_1PNPDE20090829_043138_000000512082_00062_39194_2220.N1	29-AUG-2009 04:31:38	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	39194	No
48	GOM_TRA_1PNPDE20090829_043758_000000462082_00062_39194_2221.N1	29-AUG-2009 04:37:58	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39194	No
49	GOM_TRA_1PNPDE20090829_044737_000000402082_00062_39194_2222.N1	29-AUG-2009 04:47:37	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39194	No
50	GOM_TRA_1PNPDE20090829_045354_000000502082_00062_39194_2223.N1	29-AUG-2009 04:53:54	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39194	No
51	GOM_TRA_1PNPDE20090829_045803_000000662082_00062_39194_2224.N1	29-AUG-2009 04:58:03	Bright	66.000	164	44Eta Peg	2.9480	5400.0	132	39194	No
52	GOM_TRA_1PNPDE20090829_050850_000000462082_00062_39194_2225.N1	29-AUG-2009 05:08:50	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39194	No
53	GOM_TRA_1PNPDE20090829_051100_000000472082_00062_39194_2226.N1	29-AUG-2009 05:11:00	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39194	No
54	GOM_TRA_1PNPDE20090829_052526_000000582082_00062_39194_2383.N1	29-AUG-2009 05:25:26	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	39194	No
55	GOM_TRA_1PNPDE20090829_052857_000000472082_00062_39194_2384.N1	29-AUG-2009 05:28:57	Bright	47.000	107	37The Aur	2.6490	11000.	94	39194	No
56	GOM_TRA_1PNPDE20090829_053355_000000542082_00062_39194_2385.N1	29-AUG-2009 05:33:55	Tw_i_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	39194	No
57	GOM_TRA_1PNPDE20090829_053538_000000472082_00062_39194_2386.N1	29-AUG-2009 05:35:38	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	39194	No
58	GOM_TRA_1PNPDE20090829_053958_000000622082_00062_39194_2387.N1	29-AUG-2009 05:39:58	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	39194	No
59	GOM_TRA_1PNPDE20090829_054354_000000612082_00062_39194_2388.N1	29-AUG-2009 05:43:54	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39194	No
60	GOM_TRA_1PNPDE20090829_054548_000000552082_00062_39194_2389.N1	29-AUG-2009 05:45:48	Dark	54.500	56	53Kap Ori	2.0650	30000.	109	39194	No
61	GOM_TRA_1PNPDE20090829_054742_000000372082_00062_39194_2390.N1	29-AUG-2009 05:47:42	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	39194	No
62	GOM_TRA_1PNPDE20090829_054857_000000552082_00062_39194_2391.N1	29-AUG-2009 05:48:57	Dark	54.500	101	11Alp Lep	2.5820	7000.0	109	39194	No
63	GOM_TRA_1PNPDE20090829_060355_000000562082_00063_39195_2392.N1	29-AUG-2009 06:03:55	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39195	No
64	GOM_TRA_1PNPDE20090829_061214_000000492082_00063_39195_2393.N1	29-AUG-2009 06:12:14	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39195	No
65	GOM_TRA_1PNPDE20090829_061834_000000452082_00063_39195_2394.N1	29-AUG-2009 06:18:34	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	39195	No
66	GOM_TRA_1PNPDE20090829_062813_000000572082_00063_39195_2395.N1	29-AUG-2009 06:28:13	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39195	No
67	GOM_TRA_1PNPDE20090829_063429_000000522082_00063_39195_2396.N1	29-AUG-2009 06:34:29	Bright	51.500	90	54Alp Peg	2.4870	11000.	103	39195	No
68	GOM_TRA_1PNPDE20090829_063839_000000452082_00063_39195_2397.N1	29-AUG-2009 06:38:39	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39195	No
69	GOM_TRA_1PNPDE20090829_064925_000000442082_00063_39195_2398.N1	29-AUG-2009 06:49:25	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39195	No
70	GOM_TRA_1PNPDE20090829_065135_000000452082_00063_39195_2399.N1	29-AUG-2009 06:51:35	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39195	No
71	GOM_TRA_1PNPDE20090829_193707_000000552082_00071_39203_2826.N1	29-AUG-2009 19:37:07	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	39203	No

72	GOM_TRA_1PNPDE20090829_194324_000000452082_00071_39203_2827.N1	29-AUG-2009 19:43:24	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	39203	No
73	GOM_TRA_1PNPDE20090829_195300_000000392082_00071_39203_2828.N1	29-AUG-2009 19:53:00	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39203	No
74	GOM_TRA_1PNPDE20090829_195911_000000492082_00071_39203_2829.N1	29-AUG-2009 19:59:11	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39203	No
75	GOM_TRA_1PNPDE20090829_200321_000000442082_00071_39203_2830.N1	29-AUG-2009 20:03:21	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39203	No
76	GOM_TRA_1PNPDE20090829_201407_000000452082_00071_39203_2831.N1	29-AUG-2009 20:14:07	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39203	No
77	GOM_TRA_1PNPDE20090829_201617_000000472082_00071_39203_2832.N1	29-AUG-2009 20:16:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39203	No
78	GOM_TRA_1PNPDE20090829_203047_000000552082_00071_39203_2833.N1	29-AUG-2009 20:30:47	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	39203	No
79	GOM_TRA_1PNPDE20090829_203421_000000512082_00071_39203_2834.N1	29-AUG-2009 20:34:21	Bright	50.500	107	37The Aur	2.6490	11000.	101	39203	No
80	GOM_TRA_1PNPDE20090829_203920_000000542082_00071_39203_2835.N1	29-AUG-2009 20:39:20	Twilight_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	39203	No
81	GOM_TRA_1PNPDE20090829_204104_000000502082_00071_39203_2836.N1	29-AUG-2009 20:41:04	Twilight_stray	49.500	44	24Gam Gem	1.9280	11000.	99	39203	No
82	GOM_TRA_1PNPDE20090829_204528_000000642082_00071_39203_2950.N1	29-AUG-2009 20:45:28	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	39203	No
83	GOM_TRA_1PNPDE20090829_204927_000000632082_00071_39203_2951.N1	29-AUG-2009 20:49:27	Dark	62.500	30	46Eps Ori	1.6940	30000.	125	39203	No
84	GOM_TRA_1PNPDE20090829_205151_000000462082_00071_39203_2952.N1	29-AUG-2009 20:51:51	Dark	46.000	47	2Bet CMa	1.9760	28000.	92	39203	No
85	GOM_TRA_1PNPDE20090829_205430_000000502082_00071_39203_2953.N1	29-AUG-2009 20:54:30	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	39203	No
86	GOM_TRA_1PNPDE20090829_210929_000000552082_00072_39204_2954.N1	29-AUG-2009 21:09:29	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39204	No
87	GOM_TRA_1PNPDE20090829_211743_000000522082_00072_39204_2955.N1	29-AUG-2009 21:17:43	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	39204	No
88	GOM_TRA_1PNPDE20090829_212401_000000462082_00072_39204_2956.N1	29-AUG-2009 21:24:01	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39204	No
89	GOM_TRA_1PNPDE20090829_213336_000000392082_00072_39204_2957.N1	29-AUG-2009 21:33:36	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39204	No
90	GOM_TRA_1PNPDE20090829_213947_000000482082_00072_39204_2958.N1	29-AUG-2009 21:39:47	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	39204	No
91	GOM_TRA_1PNPDE20090829_214357_000000432082_00072_39204_2959.N1	29-AUG-2009 21:43:57	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	39204	No
92	GOM_TRA_1PNPDE20090829_215443_000000452082_00072_39204_2960.N1	29-AUG-2009 21:54:43	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39204	No
93	GOM_TRA_1PNPDE20090829_215652_000000472082_00072_39204_2961.N1	29-AUG-2009 21:56:52	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39204	No
94	GOM_TRA_1PNPDE20090829_221123_000000592082_00072_39204_2962.N1	29-AUG-2009 22:11:23	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39204	No
95	GOM_TRA_1PNPDE20090829_221457_000000472082_00072_39204_2963.N1	29-AUG-2009 22:14:57	Bright	46.500	107	37The Aur	2.6490	11000.	93	39204	No
96	GOM_TRA_1PNPDE20090829_221957_000000562082_00072_39204_2964.N1	29-AUG-2009 22:19:57	Twilight_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	39204	No
97	GOM_TRA_1PNPDE20090829_222140_000000492082_00072_39204_2965.N1	29-AUG-2009 22:21:40	Twilight_stray	49.000	44	24Gam Gem	1.9280	11000.	98	39204	No
98	GOM_TRA_1PNPDE20090829_222604_000000692082_00072_39204_2966.N1	29-AUG-2009 22:26:04	Dark	69.000	14	58Alp Ori	0.87000	3000.0	138	39204	No
99	GOM_TRA_1PNPDE20090829_223004_000000632082_00072_39204_3125.N1	29-AUG-2009 22:30:04	Dark	63.000	30	46Eps Ori	1.6940	30000.	126	39204	Yes
100	GOM_TRA_1PNPDE20090829_223228_000000492082_00072_39204_3126.N1	29-AUG-2009 22:32:28	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39204	No
101	GOM_TRA_1PNPDE20090829_223507_000000512082_00072_39204_3127.N1	29-AUG-2009 22:35:07	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39204	No
102	GOM_TRA_1PNPDE20090829_225006_000000532082_00073_39205_3128.N1	29-AUG-2009 22:50:06	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39205	No
103	GOM_TRA_1PNPDE20090829_225820_000000522082_00073_39205_3129.N1	29-AUG-2009 22:58:20	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39205	No
104	GOM_TRA_1PNPDE20090829_230437_000000472082_00073_39205_3130.N1	29-AUG-2009 23:04:37	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39205	No
105	GOM_TRA_1PNPDE20090829_231412_000000402082_00073_39205_3131.N1	29-AUG-2009 23:14:12	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39205	No
106	GOM_TRA_1PNPDE20090829_232022_000000542082_00073_39205_3132.N1	29-AUG-2009 23:20:22	Bright	54.000	90	54Alp Peg	2.4870	11000.	108	39205	No
107	GOM_TRA_1PNPDE20090829_232432_000000452082_00073_39205_3133.N1	29-AUG-2009 23:24:32	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39205	No
108	GOM_TRA_1PNPDE20090829_233517_000000452082_00073_39205_3134.N1	29-AUG-2009 23:35:17	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39205	No
109	GOM_TRA_1PNPDE20090829_233727_000000462082_00073_39205_3135.N1	29-AUG-2009 23:37:27	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39205	No
110	GOM_TRA_1PNPDE20090829_235158_000000592082_00073_39205_3136.N1	29-AUG-2009 23:51:58	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39205	No
111	GOM_TRA_1PNPDE20090829_235533_000000482082_00073_39205_3137.N1	29-AUG-2009 23:55:33	Bright	47.500	107	37The Aur	2.6490	11000.	95	39205	No

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



4. Overview of dark signal processing per product

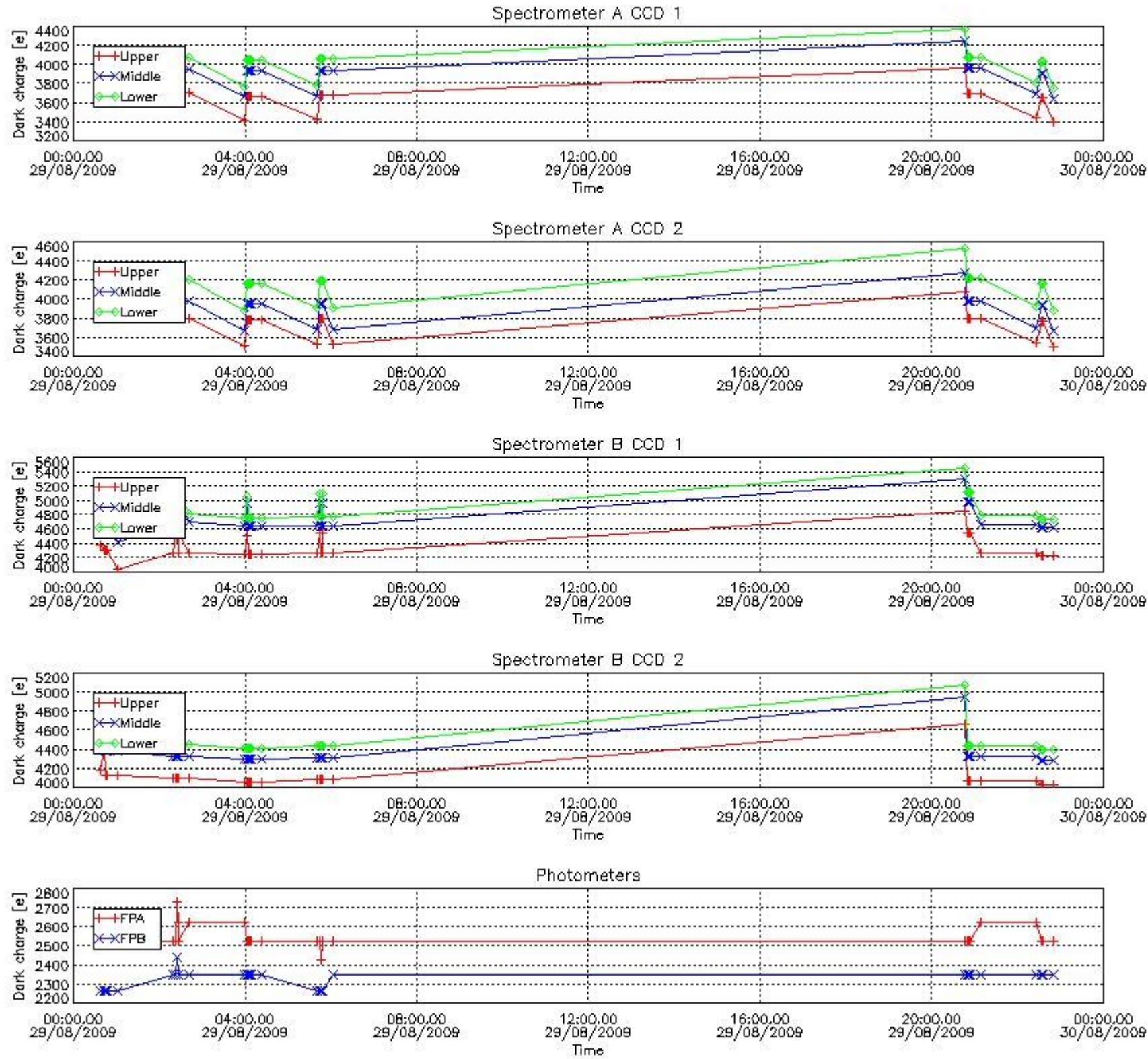
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20090829_193707_000000552082_00071_39203_2826.N1	DC map used
GOM_TRA_1PNPDE20090829_194324_000000452082_00071_39203_2827.N1	DC map used
GOM_TRA_1PNPDE20090829_195300_000000392082_00071_39203_2828.N1	DC map used
GOM_TRA_1PNPDE20090829_195911_000000492082_00071_39203_2829.N1	DC map used
GOM_TRA_1PNPDE20090829_200321_000000442082_00071_39203_2830.N1	DC map used
GOM_TRA_1PNPDE20090829_201407_000000452082_00071_39203_2831.N1	DC map used
GOM_TRA_1PNPDE20090829_201617_000000472082_00071_39203_2832.N1	DC map used
GOM_TRA_1PNPDE20090829_203047_000000552082_00071_39203_2833.N1	DC map used
GOM_TRA_1PNPDE20090829_203421_000000512082_00071_39203_2834.N1	DC map used
GOM_TRA_1PNPDE20090829_203920_000000542082_00071_39203_2835.N1	DC map used
GOM_TRA_1PNPDE20090829_204104_000000502082_00071_39203_2836.N1	DC map used

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



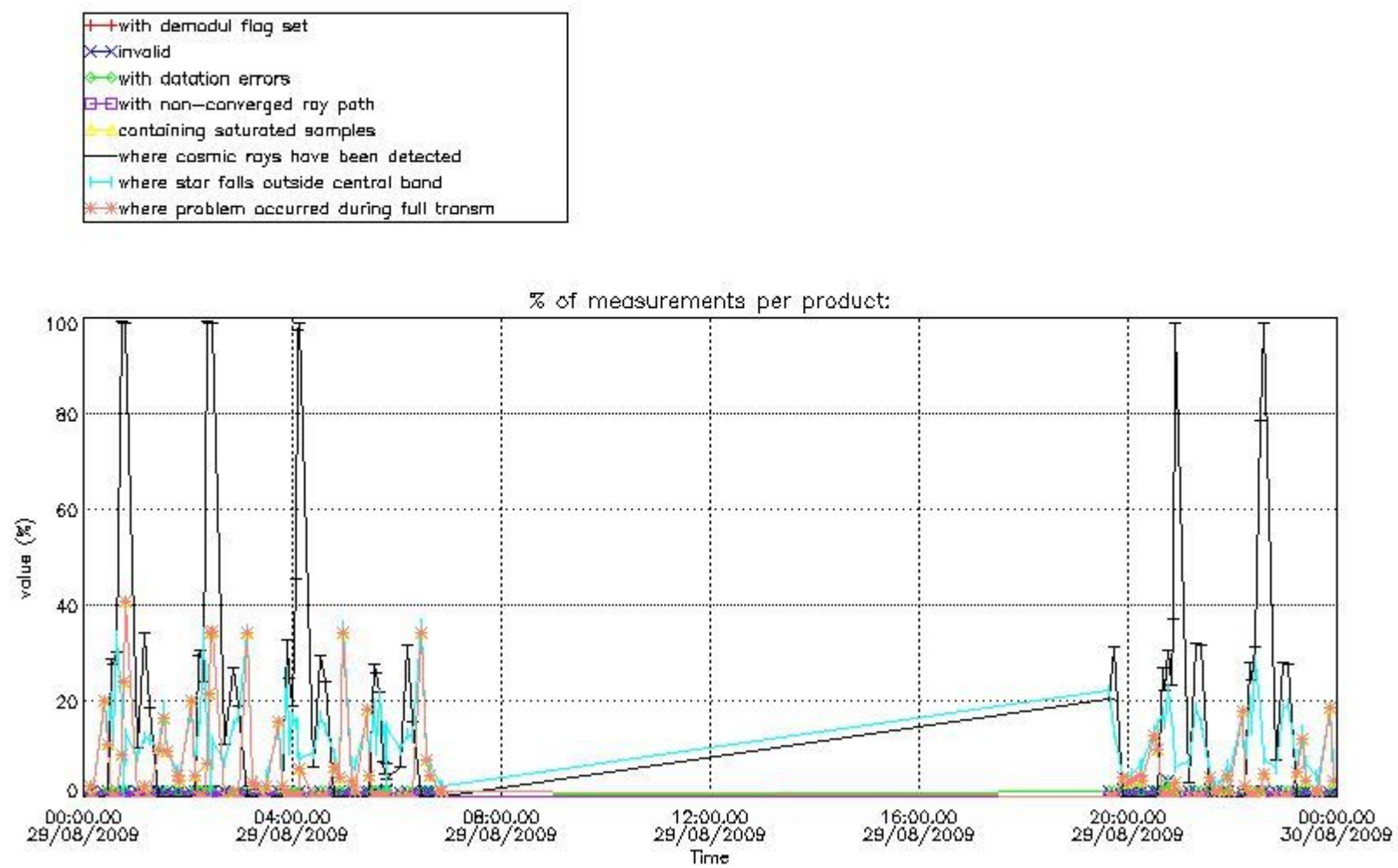
5. Demodulation flag and quality information monitoring

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.

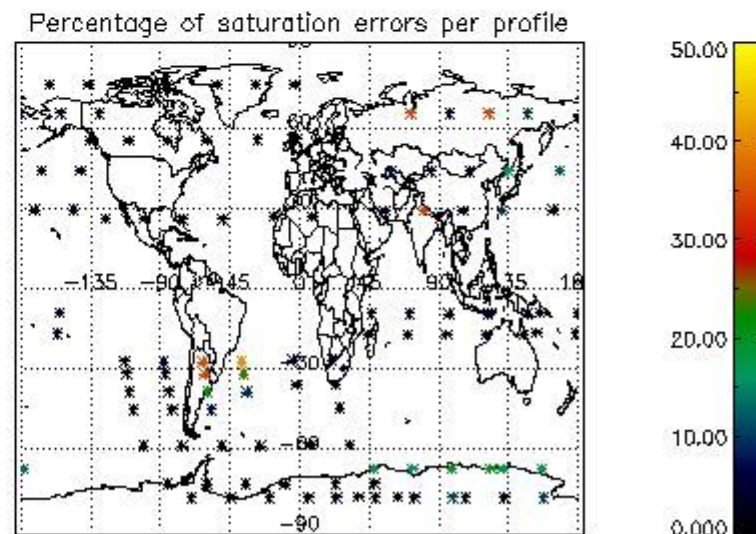
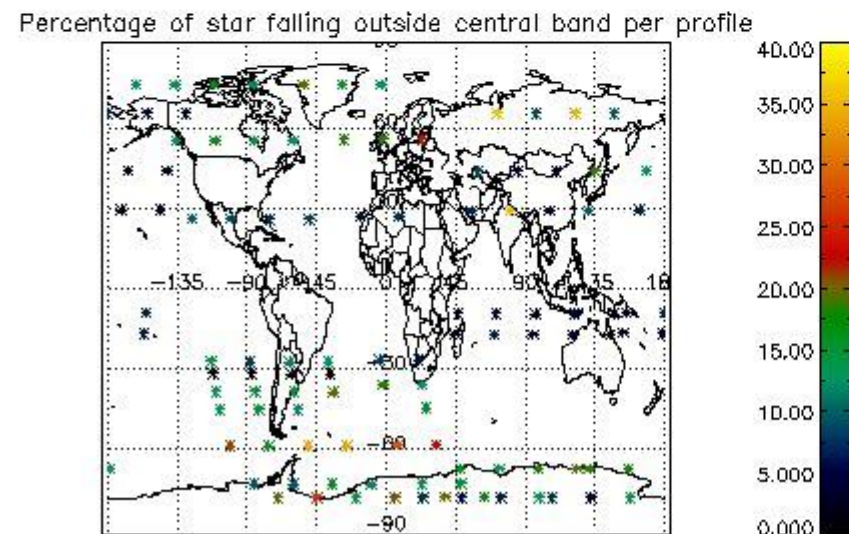
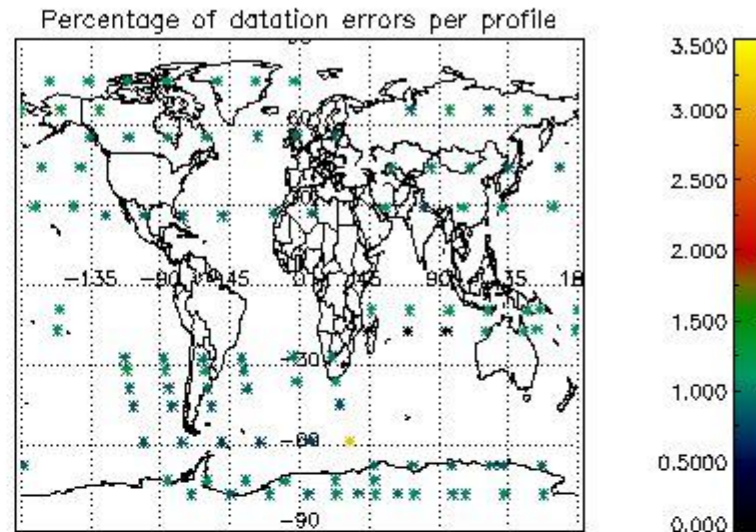
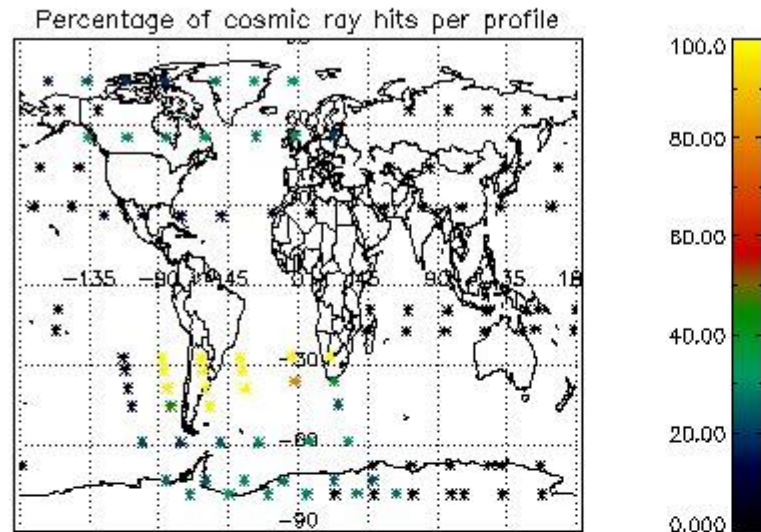
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	34.8624 %
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)



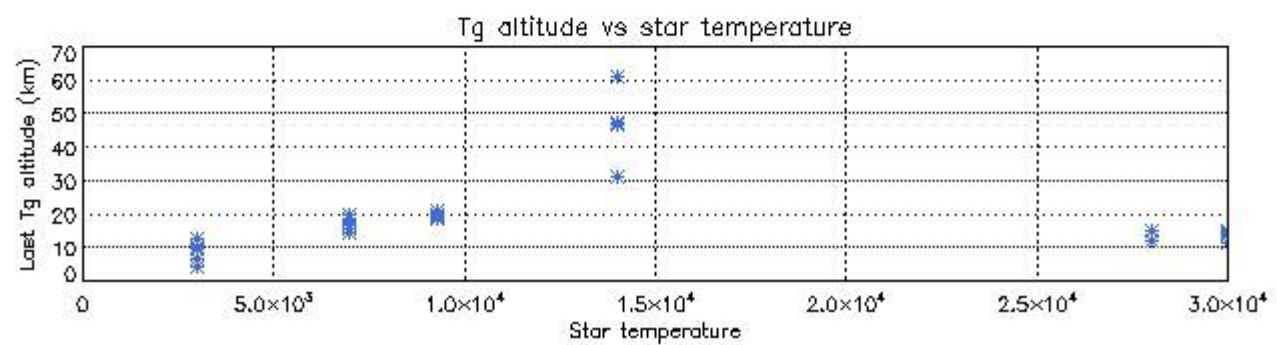
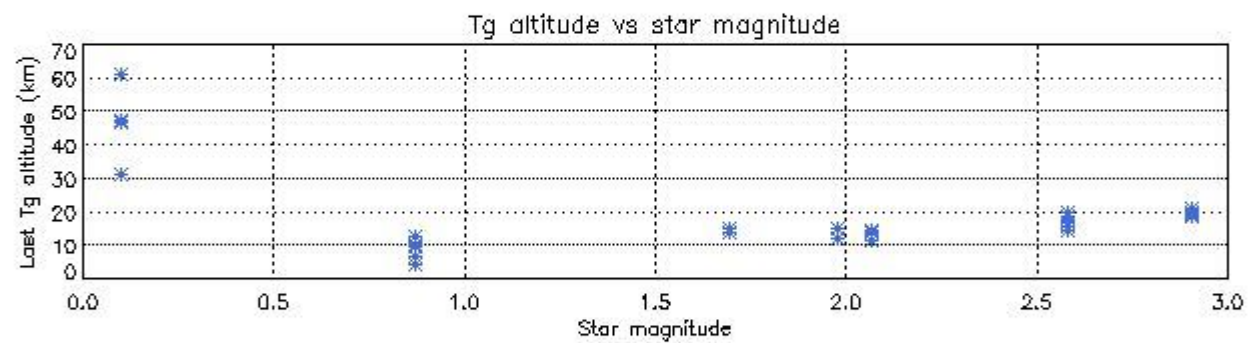
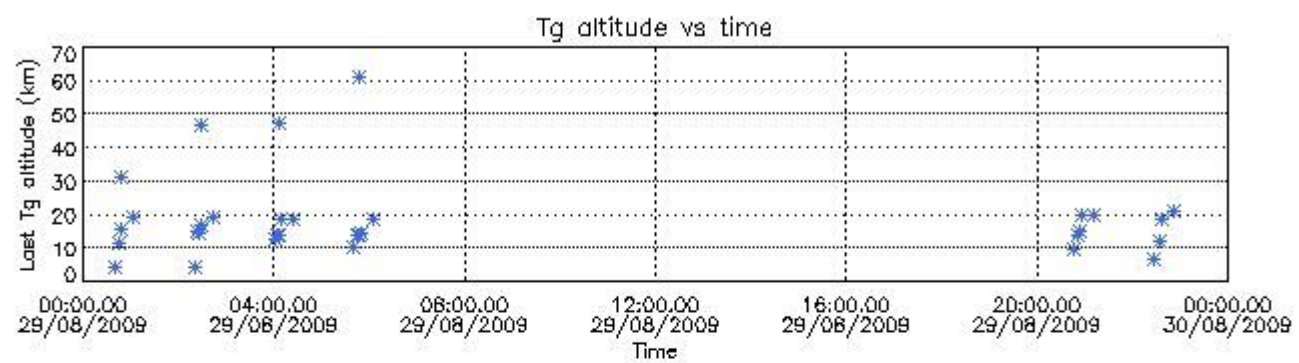
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	18.383	18.635	NaN
St. deviation:	12.193	5.2936	NaN
Maximum:	61.089	25.441	NaN
Minimum:	4.0127	3.4220	NaN
Number of data:	32.000	51.000	NaN

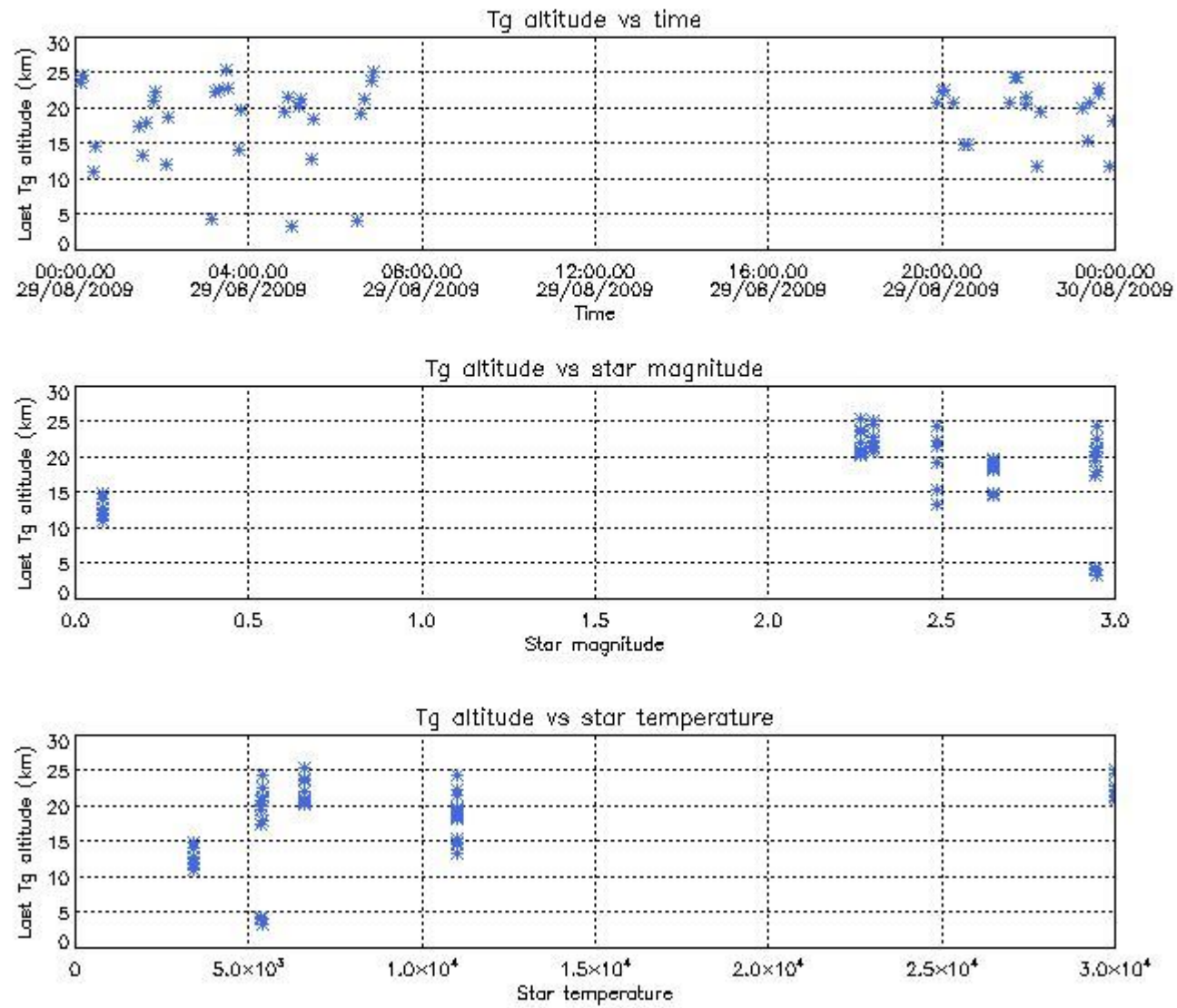
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

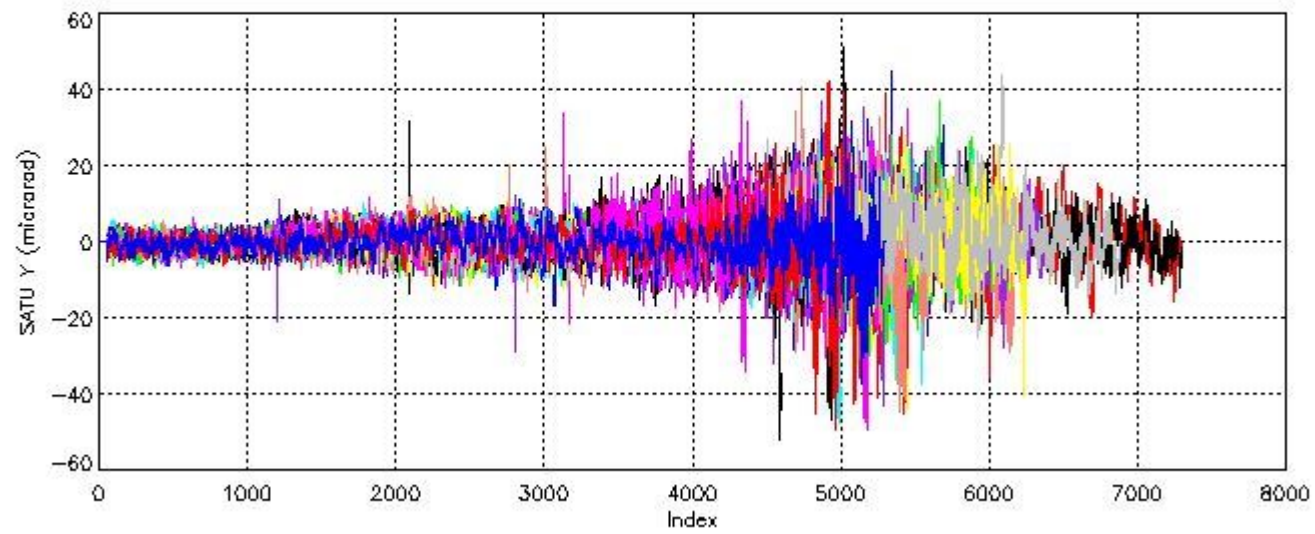
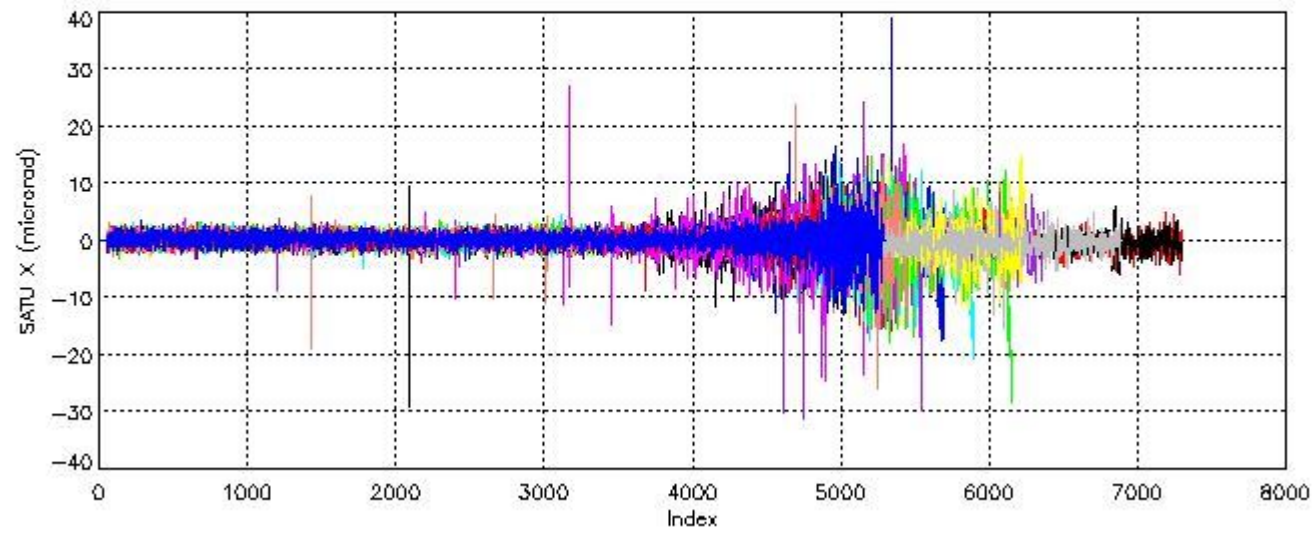


7. Star Acquisition and Tracking Unit (SATU)

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:	0.24114	-0.50517	0.28599	-0.41610
St. deviation:	0.54865	1.5145	0.81538	1.7386
Maximum:	3.7000	6.6000	5.3000	11.000
Minimum:	-3.3000	-7.6000	-4.2000	-8.0000

Number of data:	40100.	40100.	55200.	55200.
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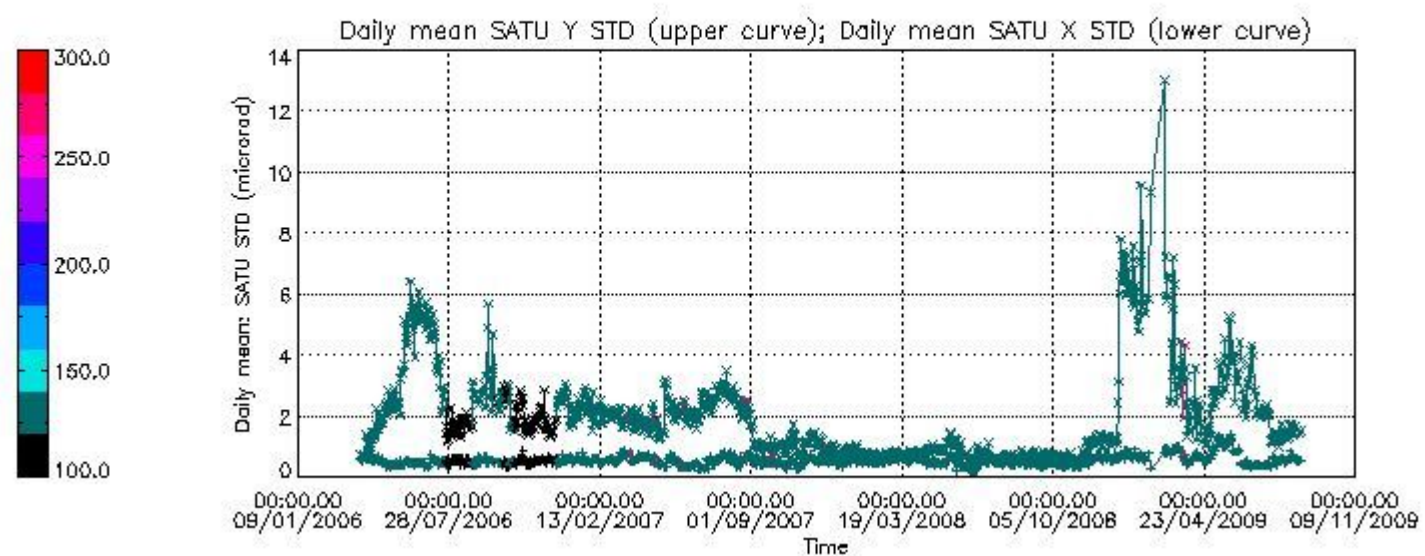
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

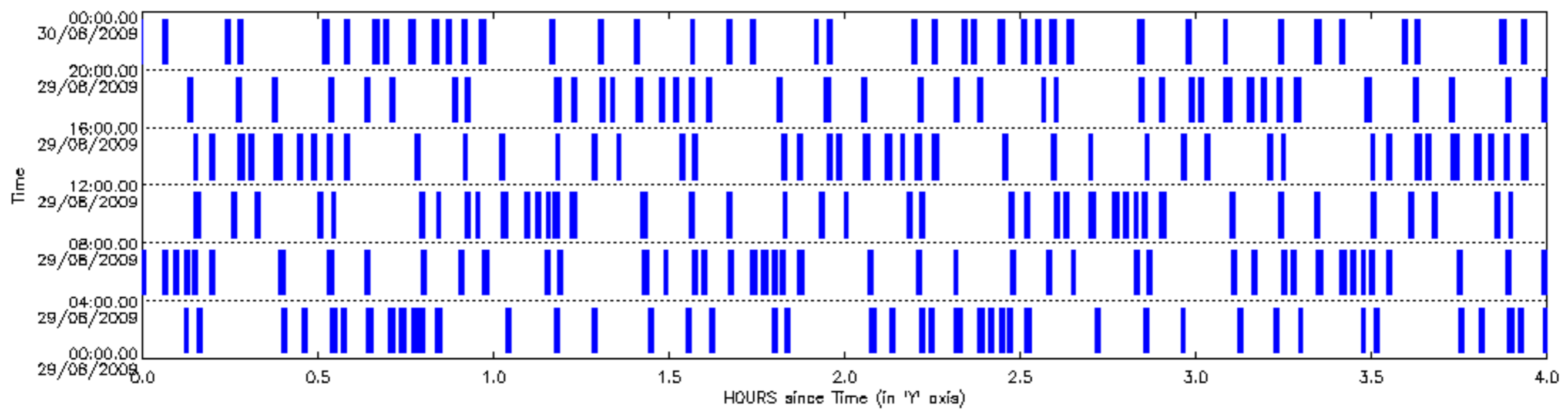
Lower curve: STD of SATU X axis

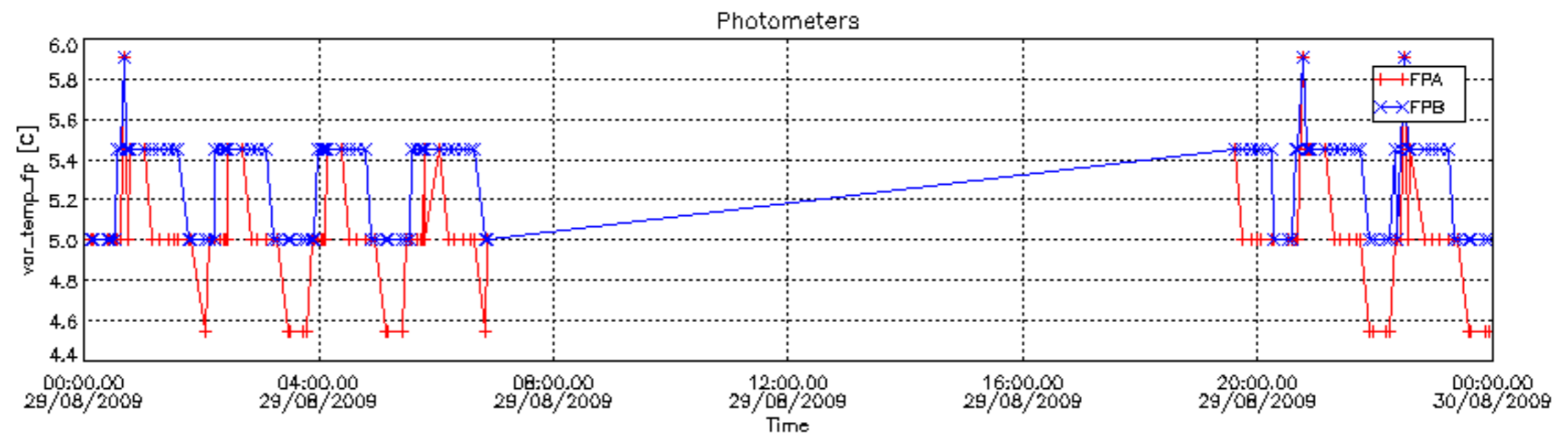
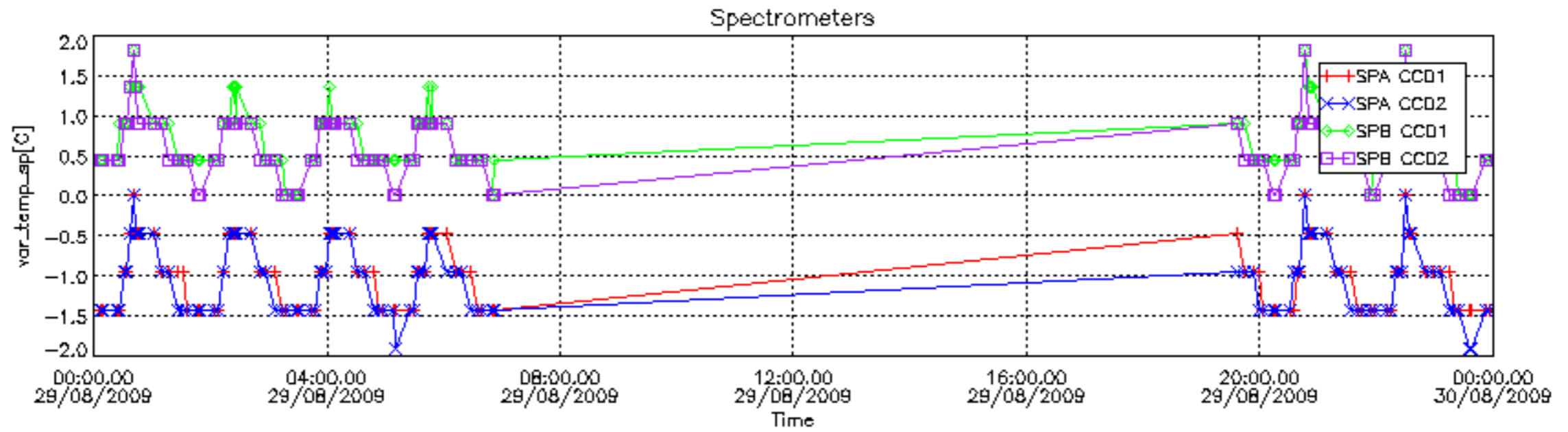


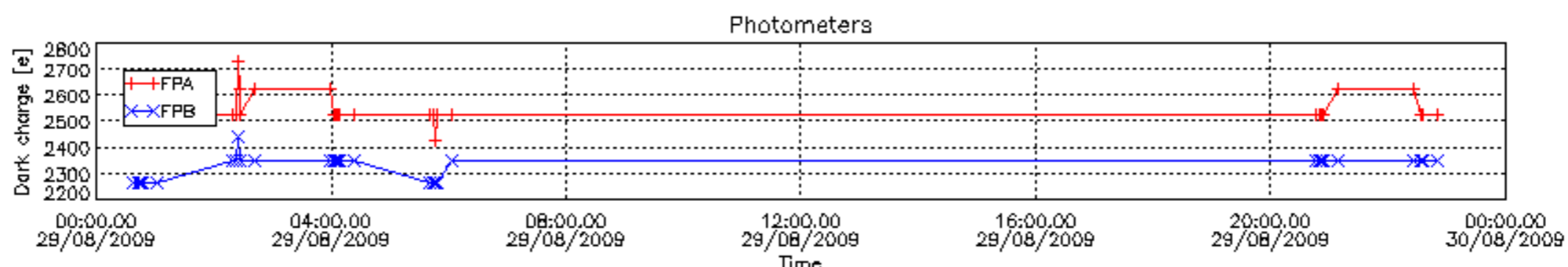
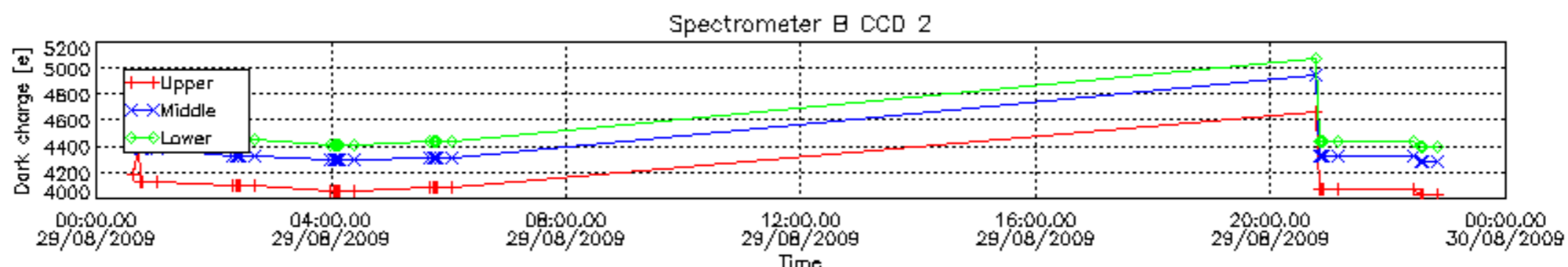
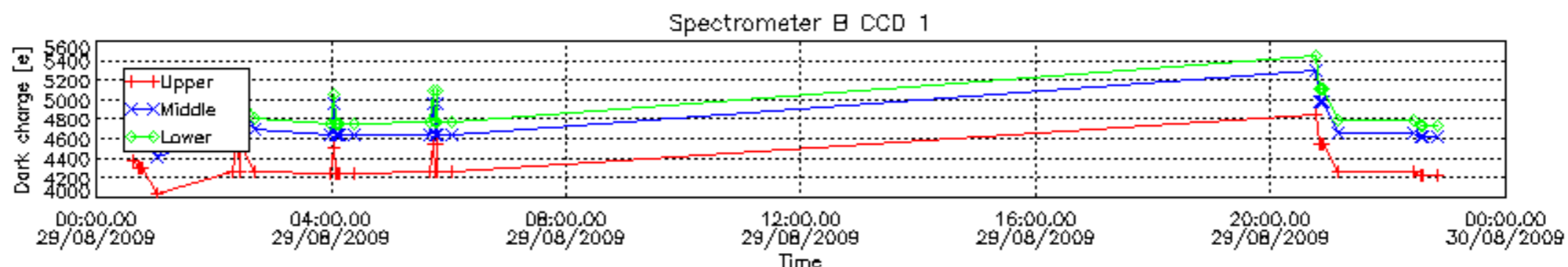
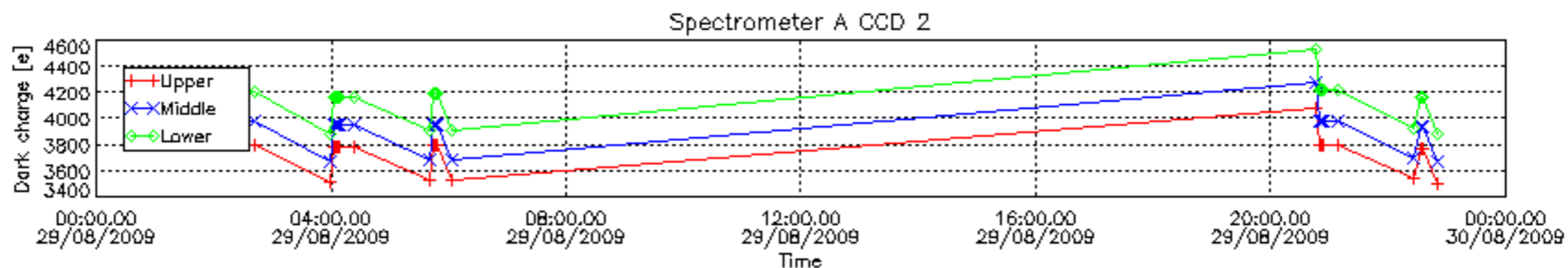
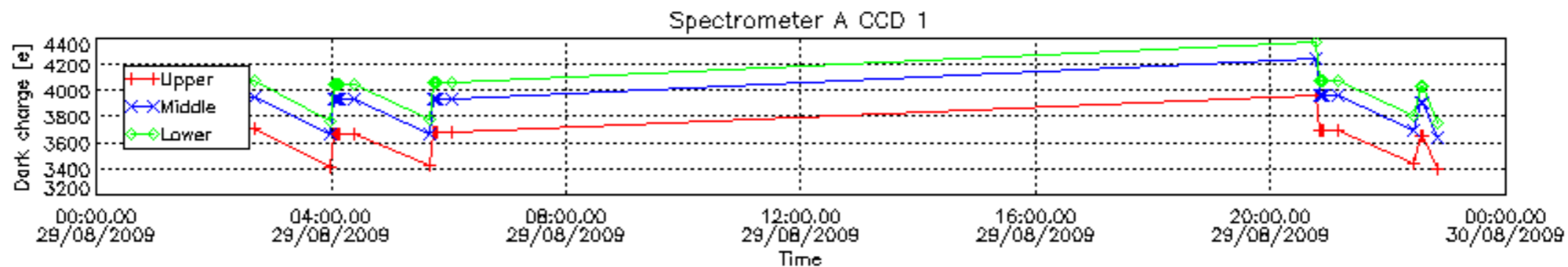
8. Auxiliary Data Files used for the production reported in section 2.4

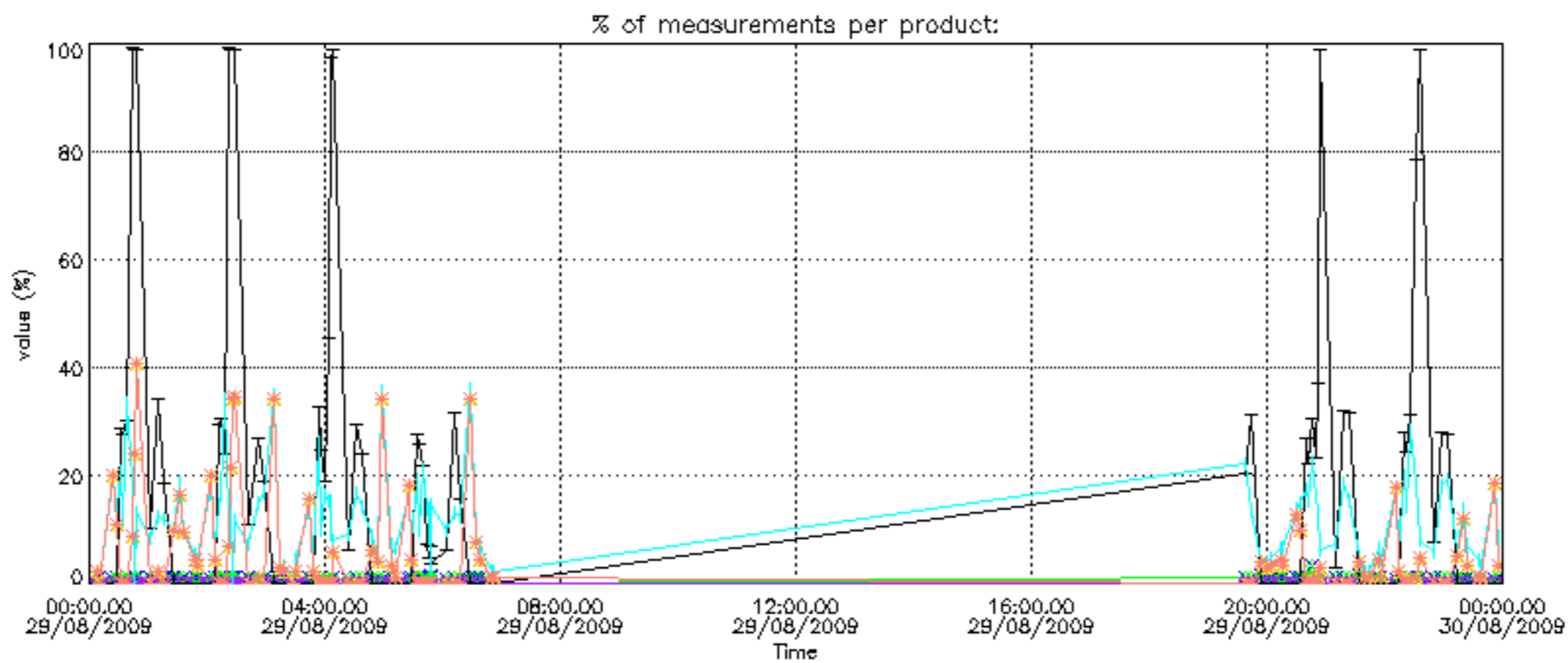
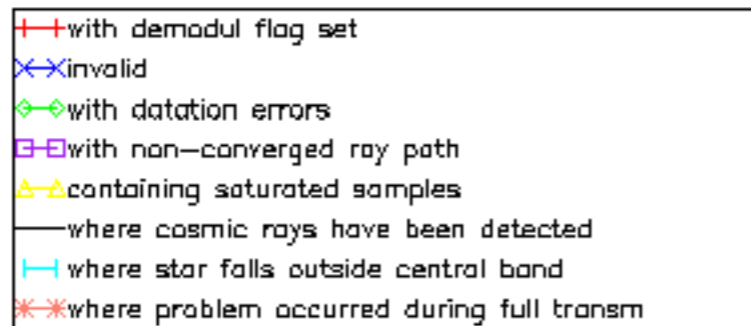
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	29-AUG-2009 00:07:04
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090818_144743_20090816_000000_20100101_000000	1	29-AUG-2009 00:07:04
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	29-AUG-2009 00:07:04
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	29-AUG-2009 00:07:04
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	29-AUG-2009 00:07:04
ECMWF_FILE	AUX_ECF_AXNECM20090828_064112_20090828_210000_20090829_090000	1	29-AUG-2009 00:07:04
ECMWF_FILE	AUX_ECF_AXNECM20090828_184112_20090829_030000_20090829_150000	37	29-AUG-2009 03:44:50
ECMWF_FILE	AUX_ECF_AXNECM20090829_064111_20090829_150000_20090830_030000	71	29-AUG-2009 19:37:07
ECMWF_FILE	AUX_ECF_AXNECM20090829_064111_20090829_210000_20090830_090000	99	29-AUG-2009 22:30:04
OPTIONAL_ECMWF_FILE	MISSING	1	29-AUG-2009 00:07:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090828_211759_000057382082_00057_39189_8647.N1	1	29-AUG-2009 00:07:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090828_225856_000057382082_00058_39190_8648.N1	8	29-AUG-2009 00:42:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090829_003953_000054192082_00059_39191_8649.N1	24	29-AUG-2009 02:18:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090829_021532_000041442082_00060_39192_8650.N1	37	29-AUG-2009 03:44:50
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090829_032955_000060572082_00061_39193_8651.N1	54	29-AUG-2009 05:25:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090829_193654_000038252082_00071_39203_8653.N1	71	29-AUG-2009 19:37:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090829_204040_000060572082_00071_39203_8654.N1	99	29-AUG-2009 22:30:04

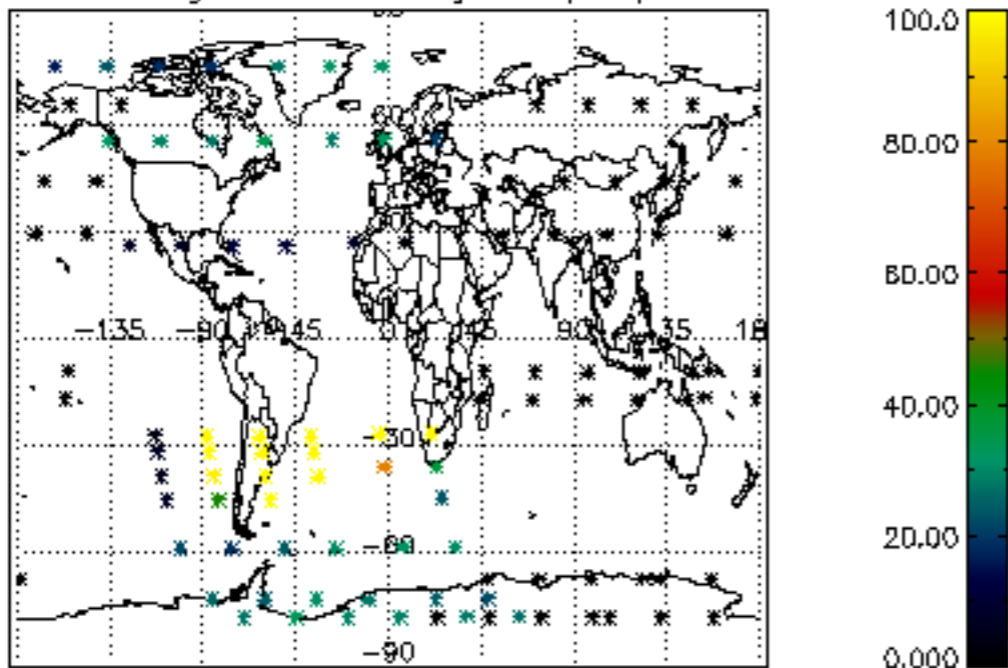




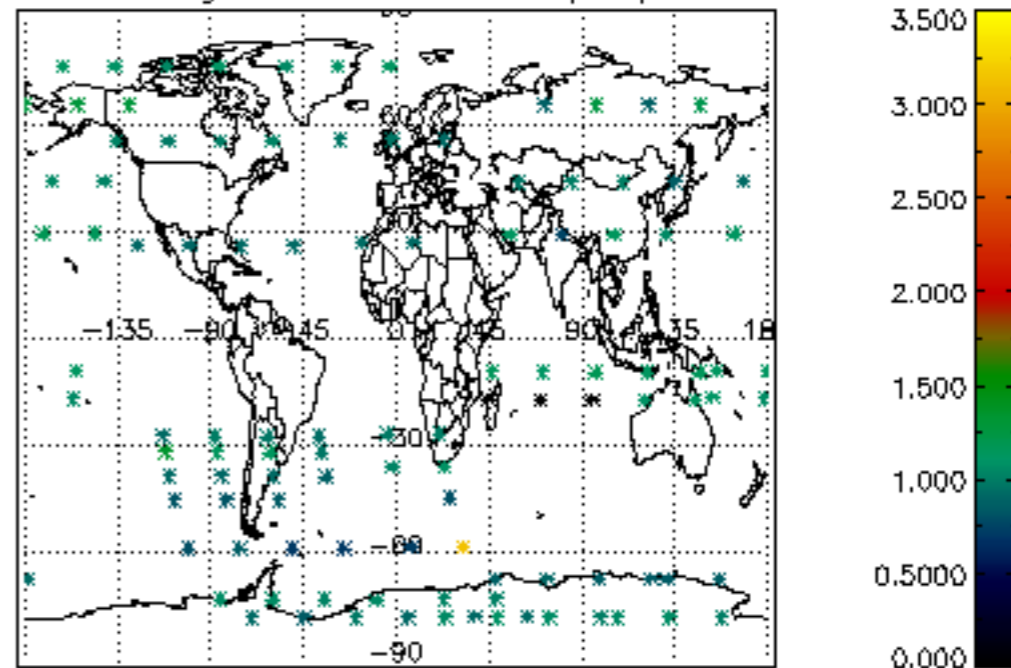




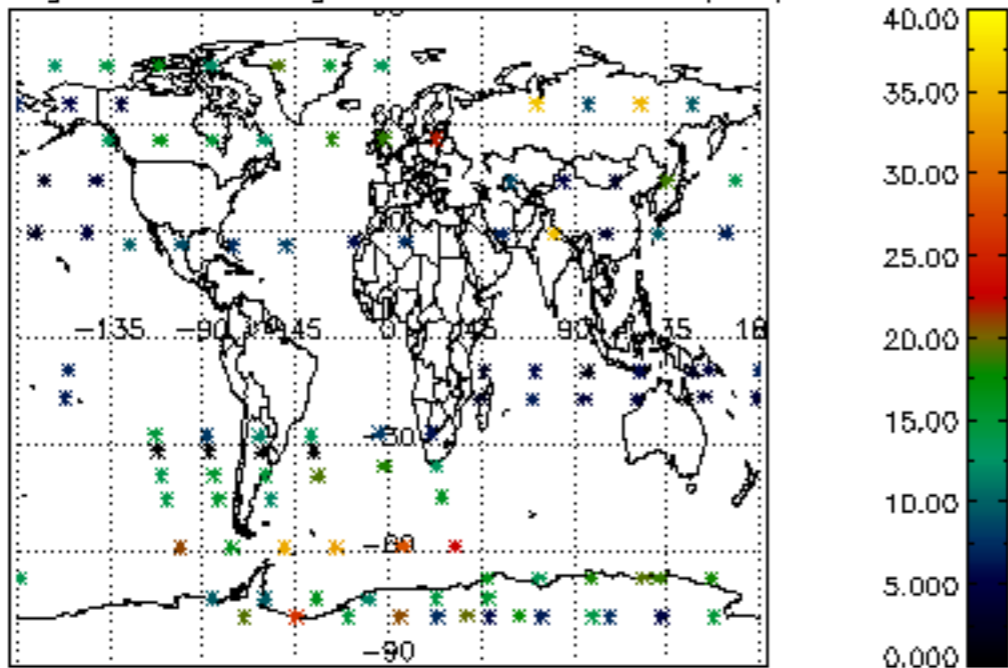
Percentage of cosmic ray hits per profile



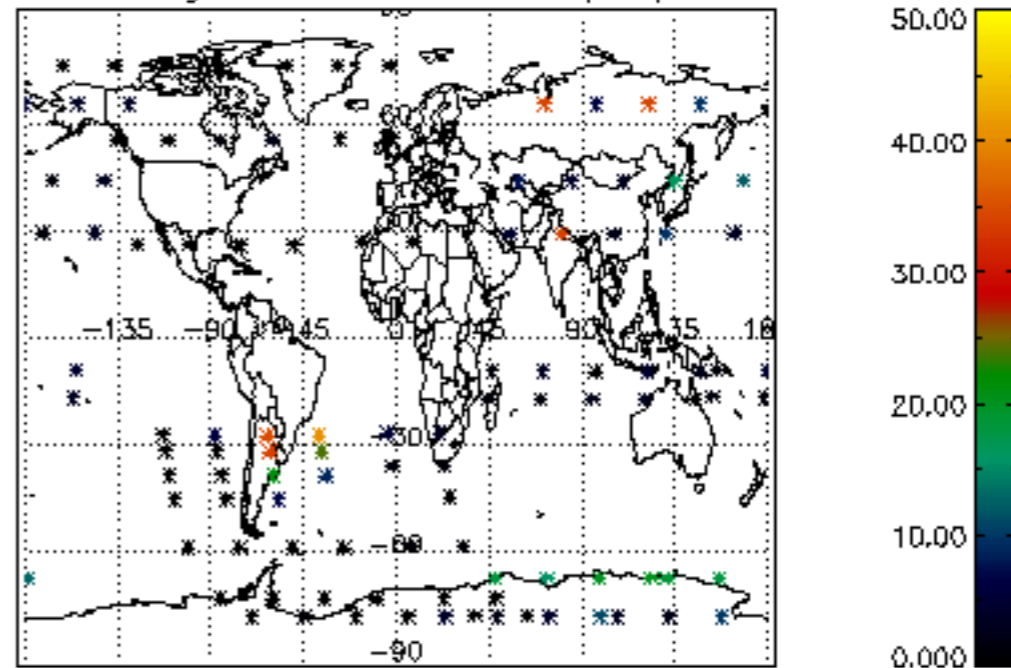
Percentage of datation errors per profile



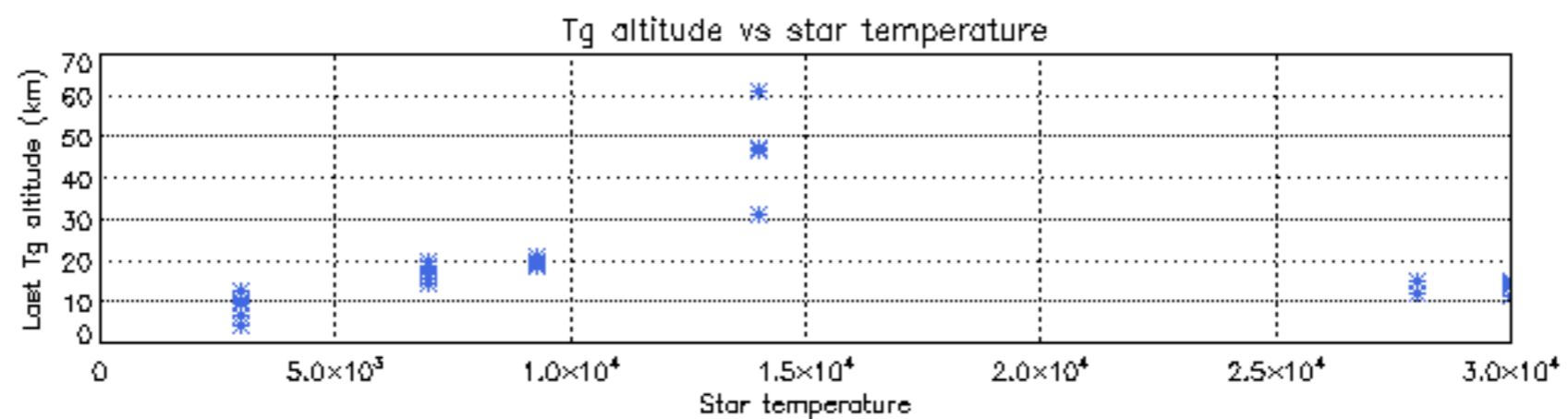
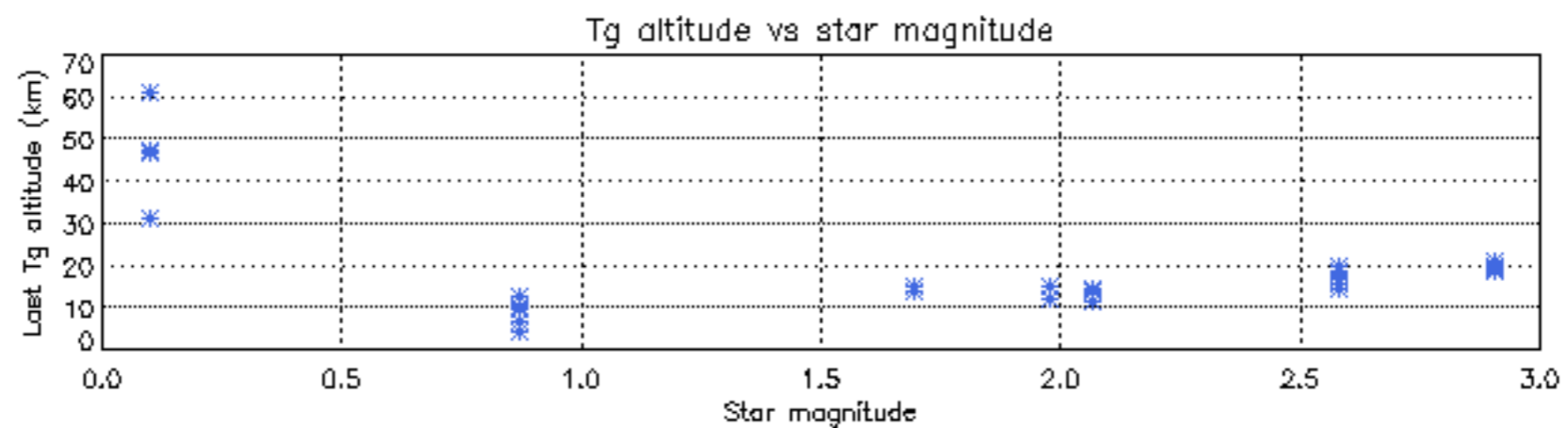
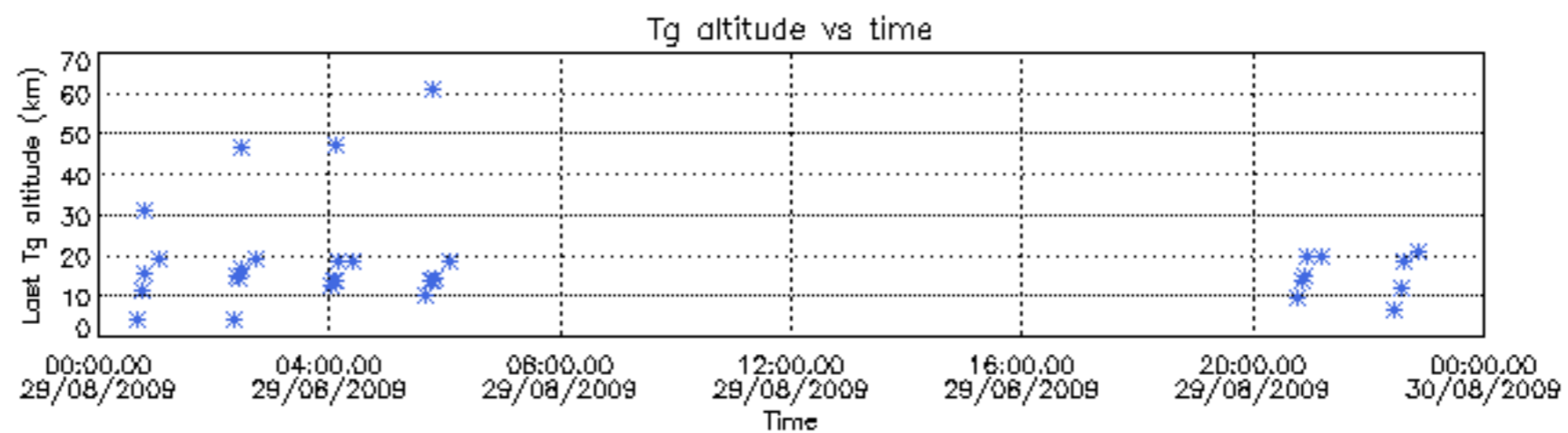
Percentage of star falling outside central band per profile



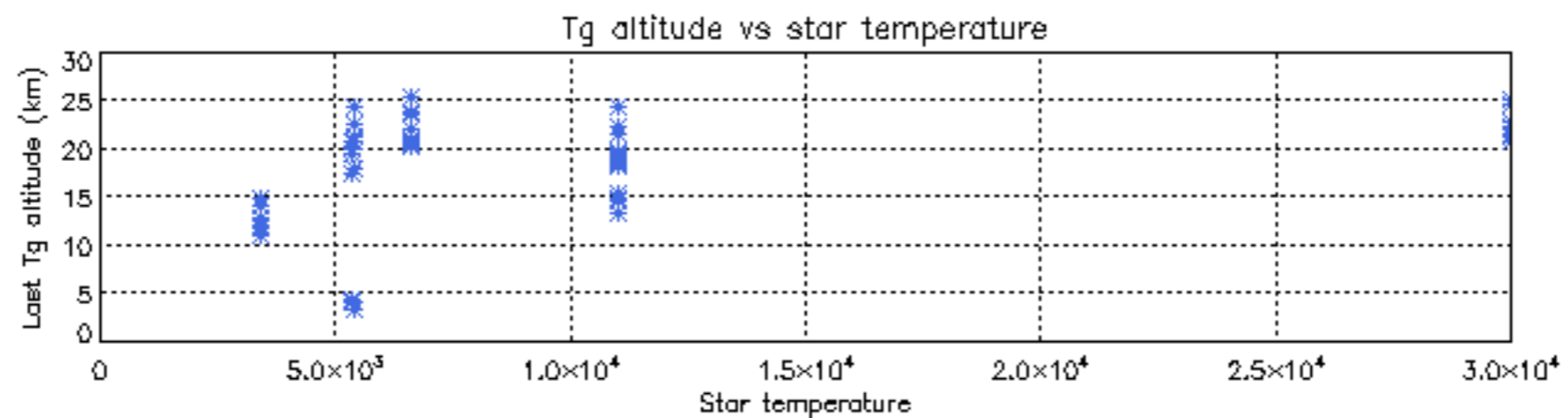
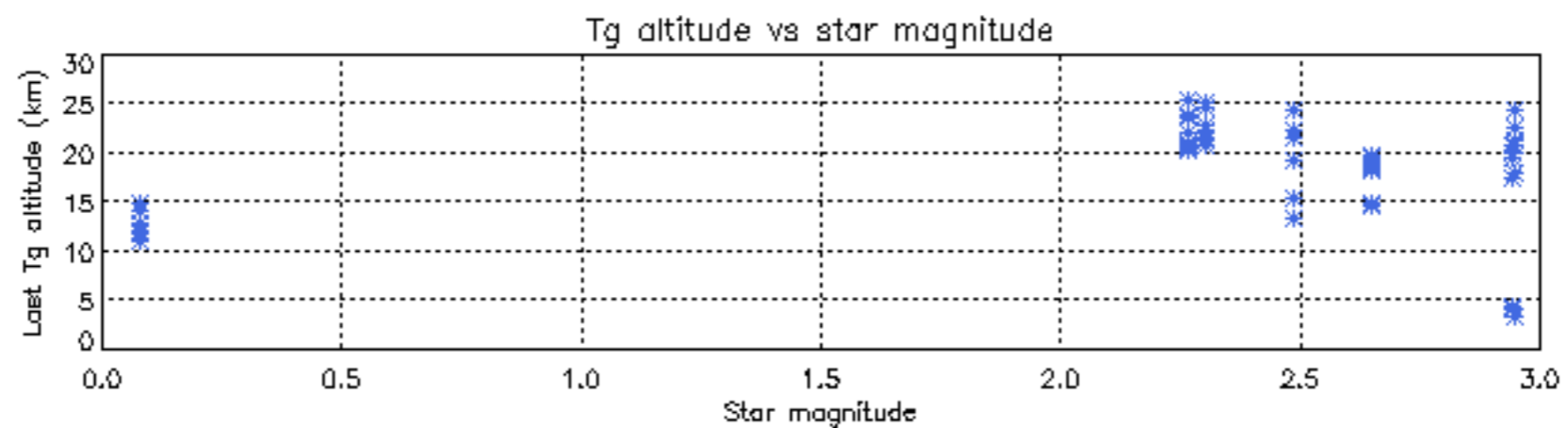
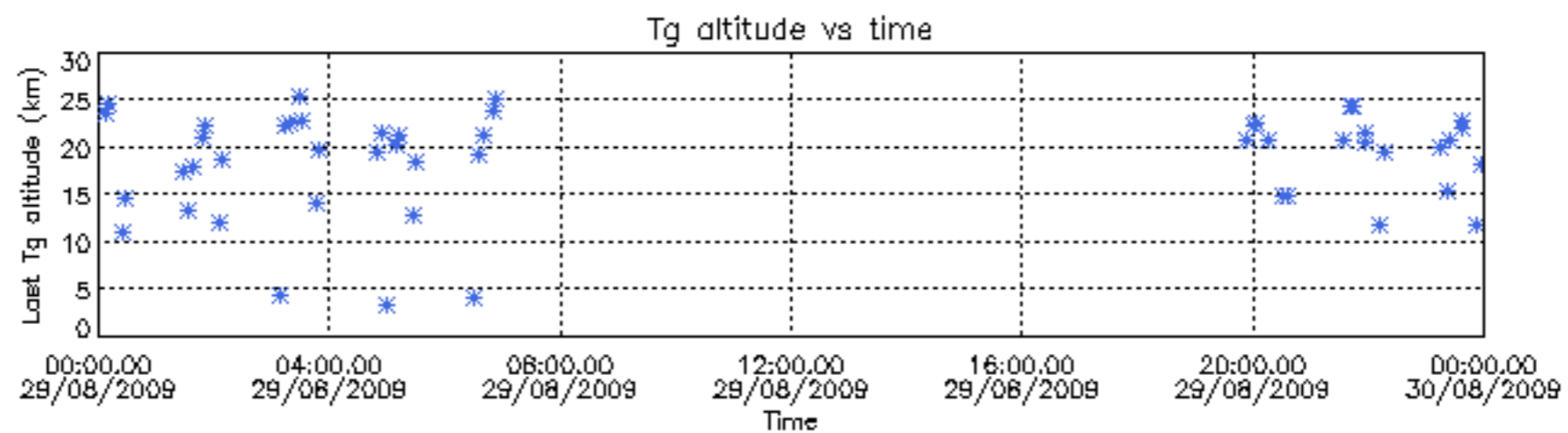
Percentage of saturation errors per profile

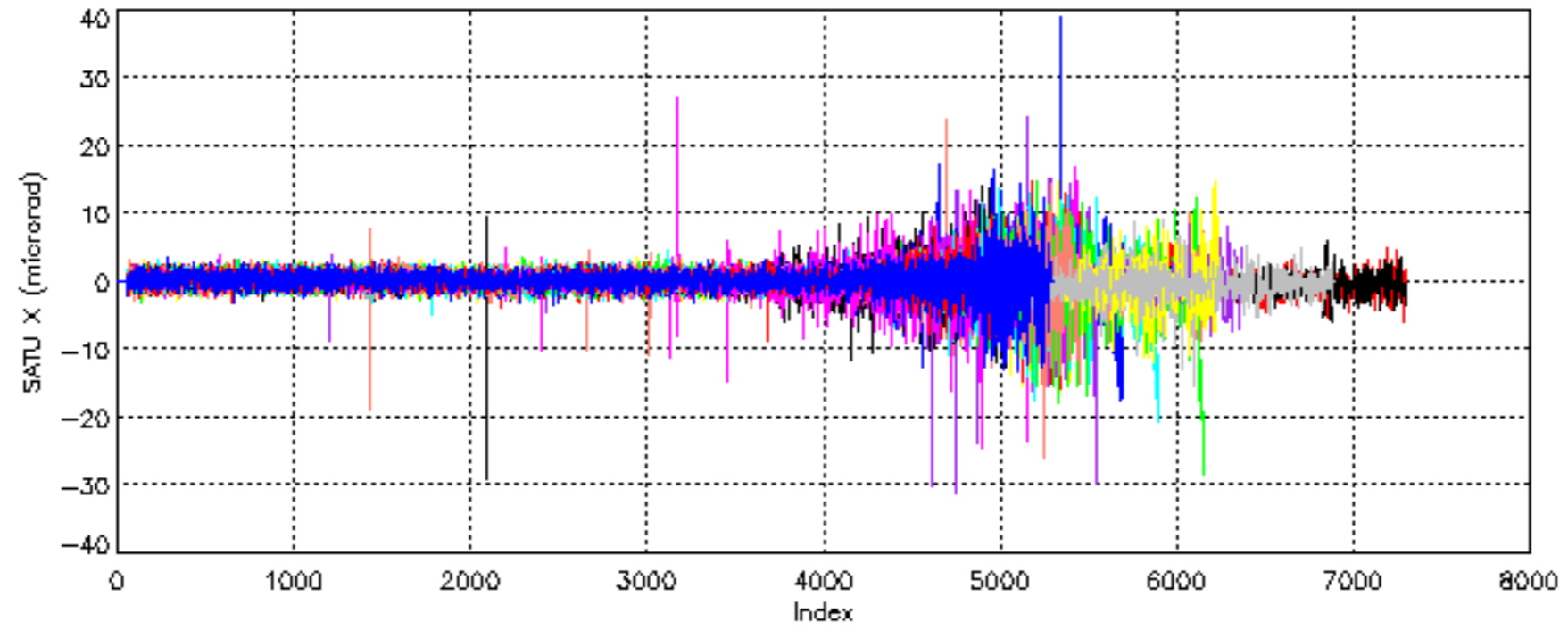


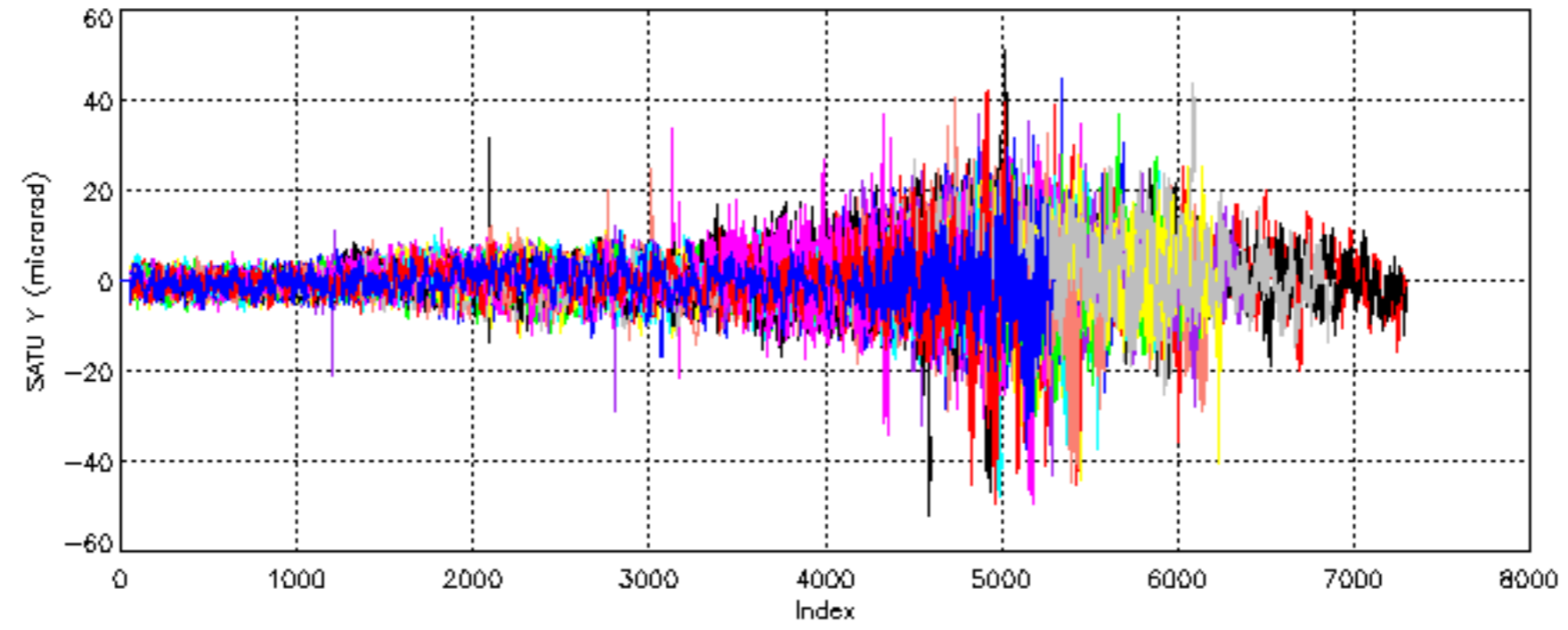
Tangent altitude at which the star is lost

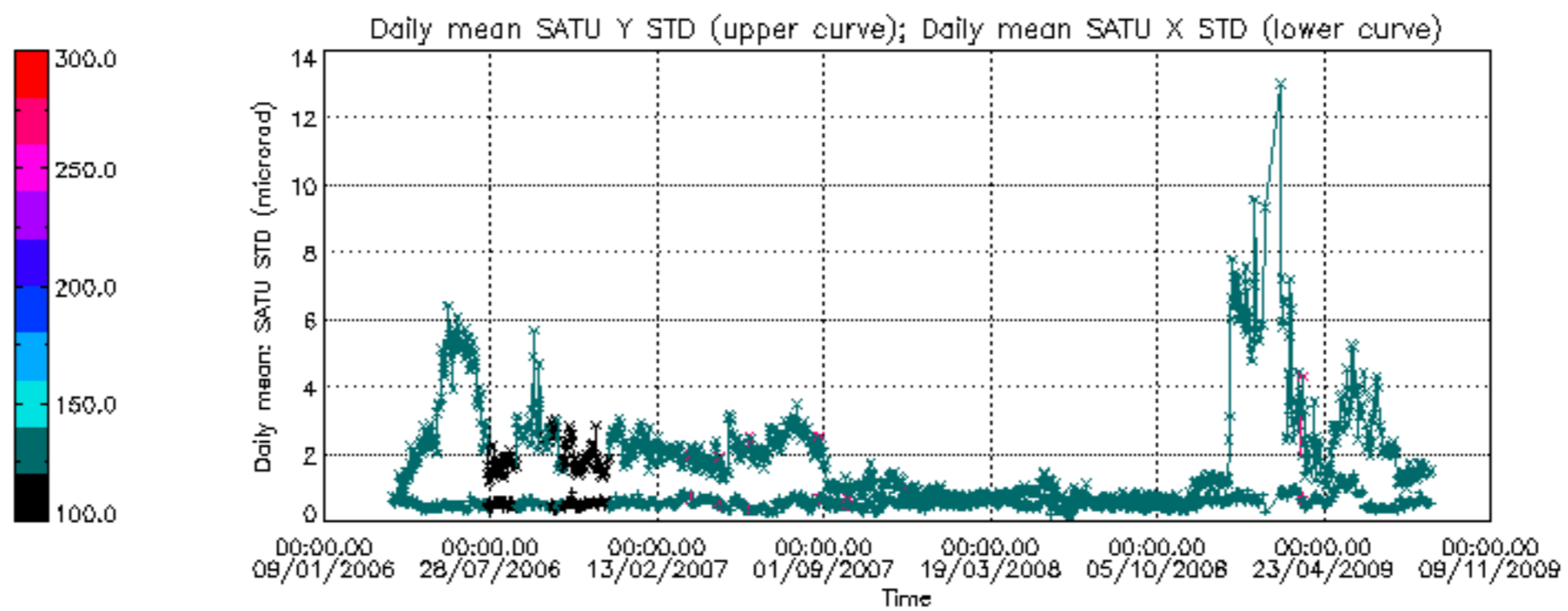


Tangent altitude at which the star is lost









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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
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12; 3478.8; 01-AUG-2009 01:32:41; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38791
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8; 1807.6; 07-AUG-2009 23:04:07; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38890
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 12; 4310.0; 07-AUG-2009 12:01:38; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38883
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 6; 2728.4; 07-AUG-2009 13:15:52; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;38884
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12; 4200.5; 07-AUG-2009 13:40:24; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38884
13; 4310.0; 07-AUG-2009 13:42:13; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;38884
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5; 707.9; 08-AUG-2009 22:14:10; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38904
6; 914.1; 08-AUG-2009 22:17:36; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;38904
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11; 2530.5; 08-AUG-2009 22:44:33; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38904
12; 2721.6; 08-AUG-2009 22:47:44; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38904
13; 3047.5; 08-AUG-2009 22:53:10; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38904
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6; 3393.3; 08-AUG-2009 11:14:44; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38897

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8; 3935.1; 08-AUG-2009 11:23:46; Bright; 49.5; 160; 23Gam Per ; 2.93; 4700;occ; 99; 0;38897
9; 4044.3; 08-AUG-2009 11:25:35; Bright; 51.0; 35; 33Alp Per ; 1.79; 6250;occ; 102; 0;38897
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20; 6946.9; 08-AUG-2009 12:13:57; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;38897
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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
5; 2723.5; 08-AUG-2009 12:44:10; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38898
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
14; 4664.6; 08-AUG-2009 13:16:31; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38898
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17; 5228.4; 08-AUG-2009 13:25:55; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;38898
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
23; 7236.2; 08-AUG-2009 13:59:23; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38898

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3; 2158.9; 08-AUG-2009 14:15:21; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38899
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
16; 4952.2; 08-AUG-2009 15:01:54; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38899
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18; 5567.3; 08-AUG-2009 15:12:10; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38899
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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2; 1806.7; 08-AUG-2009 15:50:05; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38900
3; 2158.5; 08-AUG-2009 15:55:57; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38900

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6; 3048.8; 08-AUG-2009 16:10:47; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38900
7; 3390.7; 08-AUG-2009 16:16:29; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38900
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
11; 4199.9; 08-AUG-2009 16:29:58; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;38900
12; 4308.5; 08-AUG-2009 16:31:47; Bright; 53.5; 149; 45Eps Per ; 2.89; 30000;occ; 107; 0;38900
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
16; 4952.5; 08-AUG-2009 16:42:31; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;38900
17; 5229.7; 08-AUG-2009 16:47:08; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38900
18; 5568.6; 08-AUG-2009 16:52:47; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38900
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
22; 6948.7; 08-AUG-2009 17:15:47; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 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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22; 6742.1; 08-AUG-2009 18:52:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38901
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3; 1806.6; 08-AUG-2009 19:11:17; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38902
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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
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8; 3389.3; 08-AUG-2009 19:37:40; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38902
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
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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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 5; 709.9; 09-AUG-2009 01:35:24; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;38906
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 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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8; 1805.0; 09-AUG-2009 23:41:26; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38919
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8; 3921.9; 10-AUG-2009 08:39:43; Bright; 52.5; 160; 23Gam Per ; 2.93; 4700;occ; 105; 0;38924
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11; 4305.9; 10-AUG-2009 08:46:06; Bright; 50.0; 149; 45Eps Per ; 2.89; 30000;occ; 100; 0;38924
12; 4537.4; 10-AUG-2009 08:49:58; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38924
13; 4671.2; 10-AUG-2009 08:52:12; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38924
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15; 5070.8; 10-AUG-2009 08:58:51; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;38924
16; 5244.3; 10-AUG-2009 09:01:45; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;38924
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21; 6961.1; 10-AUG-2009 09:30:22; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;38924
22; 7249.9; 10-AUG-2009 09:35:10; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38924
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 12; 4537.6; 10-AUG-2009 10:30:34; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38925
 13; 4671.4; 10-AUG-2009 10:32:48; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38925
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23; 6962.8; 10-AUG-2009 14:32:11; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;38927
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 4; 2144.6; 10-AUG-2009 14:52:29; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38928
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 7; 3039.7; 10-AUG-2009 15:07:24; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38928
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 3; 1804.2; 10-AUG-2009 16:27:24; Bright; 64.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 128; 0;38929
 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
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 15; 4538.6; 10-AUG-2009 17:12:59; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38929
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 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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 4; 1945.9; 10-AUG-2009 18:10:22; Bright; 31.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 62; 0;38930
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 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
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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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 9; 2141.7; 11-AUG-2009 00:56:01; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 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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12; 128.0; 11-AUG-2009 03:43:40; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38936
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
16; 1803.6; 11-AUG-2009 04:11:35; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38936
17; 1943.7; 11-AUG-2009 04:13:55; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 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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3; 1802.7; 11-AUG-2009 20:57:34; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38946

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16; 3910.2; 11-AUG-2009 23:13:17; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38947
17; 4023.6; 11-AUG-2009 23:15:11; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38947
18; 4098.0; 11-AUG-2009 23:16:25; Bright; 64.0; 175; 39Del Per ; 3.01; 19400;occ; 128; 0;38947
19; 4541.8; 11-AUG-2009 23:23:49; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38947
20; 4677.4; 11-AUG-2009 23:26:04; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38947
21; 4864.9; 11-AUG-2009 23:29:12; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;38947
22; 4974.7; 11-AUG-2009 23:31:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38947
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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2; -177.6; 11-AUG-2009 23:45:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38947
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
6; 1585.7; 12-AUG-2009 00:15:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38948
7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
8; 1939.6; 12-AUG-2009 00:21:02; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38948
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
18; 4542.0; 12-AUG-2009 01:04:25; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38948
19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
20; 4865.5; 12-AUG-2009 01:09:48; Dark ; 78.0; 13; 87Alp Tau ; 0.87; 3800;occ; 156; 0;38948
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
24; 5260.0; 12-AUG-2009 01:16:23; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38948

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 2; -2007.8; 11-AUG-2009 06:29:16; Bright; 56.0; 35; 33Alp Per ; 1.79; 6250;occ; 112; 0;38937
 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
 5; -1361.3; 11-AUG-2009 06:40:02; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38937
 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
 11; -186.5; 11-AUG-2009 06:59:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38937
 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
 14; 1220.4; 11-AUG-2009 07:23:04; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38938
 15; 1584.5; 11-AUG-2009 07:29:08; Bright; 63.5; 142; 49Del Cap ; 2.85; 8900;occ; 127; 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
 12; 4540.3; 11-AUG-2009 09:59:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38939
 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
 23; 7620.5; 11-AUG-2009 10:50:20; Bright; 62.5; 142; 49Del Cap ; 2.85; 8900;occ; 125; 0;38939

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 2; 1942.4; 11-AUG-2009 10:56:18; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38940
 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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4; 2519.1; 11-AUG-2009 11:05:55; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38940
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
14; 4860.8; 11-AUG-2009 11:44:56; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38940
15; 4971.2; 11-AUG-2009 11:46:47; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;38940
16; 5086.9; 11-AUG-2009 11:48:42; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;38940
17; 5254.8; 11-AUG-2009 11:51:30; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;38940
18; 5622.6; 11-AUG-2009 11:57:38; Dark ; 66.5; 165; 34Gam Eri ; 2.95; 3200;occ; 133; 0;38940
19; 5852.0; 11-AUG-2009 12:01:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38940
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21; 6778.5; 11-AUG-2009 12:16:54; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38940
22; 7257.7; 11-AUG-2009 12:24:53; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38940
23; 7620.8; 11-AUG-2009 12:30:56; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;38940
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2; 1942.1; 11-AUG-2009 12:36:53; Bright; 52.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 105; 0;38941
3; 2138.5; 11-AUG-2009 12:40:10; Bright; 55.0; 61; 8Eps Peg ; 2.10; 3900;occ; 110; 0;38941
4; 2518.9; 11-AUG-2009 12:46:30; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38941
5; 2710.6; 11-AUG-2009 12:49:42; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38941
6; 3035.2; 11-AUG-2009 12:55:06; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38941
7; 3357.8; 11-AUG-2009 13:00:29; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38941
8; 3488.6; 11-AUG-2009 13:02:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38941
9; 3913.3; 11-AUG-2009 13:09:45; Bright; 58.5; 160; 23Gam Per ; 2.93; 4700;occ; 117; 0;38941
10; 4026.7; 11-AUG-2009 13:11:38; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38941
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
13; 4675.9; 11-AUG-2009 13:22:27; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38941
14; 4861.6; 11-AUG-2009 13:25:33; Dark ; 61.0; 13; 87Alp Tau ; 0.87; 3800;occ; 122; 0;38941
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16; 5087.5; 11-AUG-2009 13:29:19; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38941
17; 5255.5; 11-AUG-2009 13:32:07; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;38941
18; 5624.1; 11-AUG-2009 13:38:15; Dark ; 66.5; 165; 34Gam Eri ; 2.95; 3200;occ; 133; 0;38941
19; 5852.9; 11-AUG-2009 13:42:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38941
20; 6171.0; 11-AUG-2009 13:47:22; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38941
21; 6779.4; 11-AUG-2009 13:57:31; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38941
22; 7258.3; 11-AUG-2009 14:05:30; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;38941
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3; 1941.7; 11-AUG-2009 14:17:29; Bright; 53.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 107; 0;38942
4; 2138.3; 11-AUG-2009 14:20:45; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38942
5; 2518.8; 11-AUG-2009 14:27:06; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38942
6; 2710.6; 11-AUG-2009 14:30:18; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38942
7; 3035.0; 11-AUG-2009 14:35:42; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38942
8; 3357.0; 11-AUG-2009 14:41:04; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38942
9; 3912.8; 11-AUG-2009 14:50:20; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38942
10; 4026.1; 11-AUG-2009 14:52:13; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;38942
11; 4100.0; 11-AUG-2009 14:53:27; Bright; 55.0; 175; 39Del Per ; 3.01; 19400;occ; 110; 0;38942
12; 4541.0; 11-AUG-2009 15:00:48; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38942
13; 4862.1; 11-AUG-2009 15:06:09; Dark ; 65.5; 13; 87Alp Tau ; 0.87; 3800;occ; 131; 0;38942
14; 4972.4; 11-AUG-2009 15:08:00; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;38942
15; 5088.2; 11-AUG-2009 15:09:55; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38942
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24; 3480.3; 12-AUG-2009 07:29:07; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38952

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2; 1587.0; 12-AUG-2009 20:22:21; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38960
3; 1802.0; 12-AUG-2009 20:25:56; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38960
4; 1935.7; 12-AUG-2009 20:28:10; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38960
5; 2130.9; 12-AUG-2009 20:31:25; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;38960
6; 2513.8; 12-AUG-2009 20:37:48; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38960
7; 3029.5; 12-AUG-2009 20:46:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38960
8; 3342.5; 12-AUG-2009 20:51:36; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38960
9; 3474.2; 12-AUG-2009 20:53:48; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38960
10; 3903.1; 12-AUG-2009 21:00:57; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38960
11; 4093.6; 12-AUG-2009 21:04:08; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;38960
12; 4197.0; 12-AUG-2009 21:05:51; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38960
13; 4544.2; 12-AUG-2009 21:11:38; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;38960
14; 4681.2; 12-AUG-2009 21:13:55; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38960
15; 4873.1; 12-AUG-2009 21:17:07; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38960
16; 4981.3; 12-AUG-2009 21:18:55; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38960
17; 5097.3; 12-AUG-2009 21:20:51; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38960
18; 5181.2; 12-AUG-2009 21:22:15; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38960
19; 5268.2; 12-AUG-2009 21:23:42; Dark ; 47.0; 7; 19Bet Ori ; 0.10; 14000;occ; 94; 0;38960

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2; -165.8; 12-AUG-2009 21:33:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38960
3; 156.3; 12-AUG-2009 21:39:06; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38961
4; 760.6; 12-AUG-2009 21:49:10; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;38961
5; 1231.7; 12-AUG-2009 21:57:02; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38961
6; 1587.1; 12-AUG-2009 22:02:57; Bright; 62.0; 142; 49Del Cap ; 2.85; 8900;occ; 124; 0;38961
7; 1802.1; 12-AUG-2009 22:06:32; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38961
8; 1935.6; 12-AUG-2009 22:08:45; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38961
9; 2130.4; 12-AUG-2009 22:12:00; Bright; 68.0; 61; 8Eps Peg ; 2.10; 3900;occ; 136; 0;38961
10; 2513.4; 12-AUG-2009 22:18:23; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38961
11; 3029.2; 12-AUG-2009 22:26:59; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38961
12; 3341.9; 12-AUG-2009 22:32:12; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38961
13; 3473.5; 12-AUG-2009 22:34:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;38961
14; 3902.5; 12-AUG-2009 22:41:32; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;38961
15; 4093.2; 12-AUG-2009 22:44:43; Bright; 51.5; 175; 39Del Per ; 3.01; 19400;occ; 103; 0;38961
16; 4196.8; 12-AUG-2009 22:46:27; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38961
17; 4544.4; 12-AUG-2009 22:52:14; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38961
18; 4681.3; 12-AUG-2009 22:54:31; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38961
19; 4873.6; 12-AUG-2009 22:57:44; Dark ; 72.5; 13; 87Alp Tau ; 0.87; 3800;occ; 145; 0;38961
20; 4981.8; 12-AUG-2009 22:59:32; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38961
21; 5097.9; 12-AUG-2009 23:01:28; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;38961
22; 5181.6; 12-AUG-2009 23:02:52; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38961
23; 5269.0; 12-AUG-2009 23:04:19; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;38961

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1; -766.9; 12-AUG-2009 23:04:19; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;38961

2; -164.9; 12-AUG-2009 23:14:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38961
3; 157.6; 12-AUG-2009 23:19:43; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38962
4; 761.6; 12-AUG-2009 23:29:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;38962
5; 1231.7; 12-AUG-2009 23:37:37; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38962
6; 1587.2; 12-AUG-2009 23:43:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38962
7; 1801.9; 12-AUG-2009 23:47:08; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38962
8; 1935.1; 12-AUG-2009 23:49:21; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38962
9; 2129.9; 12-AUG-2009 23:52:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38962
10; 2513.1; 12-AUG-2009 23:58:59; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38962
11; 3029.0; 13-AUG-2009 00:07:35; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38962
12; 3340.9; 13-AUG-2009 00:12:47; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38962
13; 3472.8; 13-AUG-2009 00:14:59; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38962
14; 3902.0; 13-AUG-2009 00:22:08; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38962
15; 4092.7; 13-AUG-2009 00:25:18; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38962
16; 4196.7; 13-AUG-2009 00:27:02; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38962
17; 4544.7; 13-AUG-2009 00:32:50; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38962
18; 4681.7; 13-AUG-2009 00:35:07; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38962
19; 4874.3; 13-AUG-2009 00:38:20; Dark ; 79.0; 13; 87Alp Tau ; 0.87; 3800;occ; 158; 0;38962
20; 4982.3; 13-AUG-2009 00:40:08; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38962
21; 5098.4; 13-AUG-2009 00:42:04; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38962
22; 5182.1; 13-AUG-2009 00:43:28; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38962
23; 5269.7; 13-AUG-2009 00:44:55; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;38962

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1;-2128.4; 12-AUG-2009 07:36:14; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;38952
2;-2014.2; 12-AUG-2009 07:38:08; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38952
3;-1939.4; 12-AUG-2009 07:39:23; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38952
4;-1493.2; 12-AUG-2009 07:46:49; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38952
5;-1357.0; 12-AUG-2009 07:49:05; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38952
6;-1167.7; 12-AUG-2009 07:52:15; Dark ; 65.5; 13; 87Alp Tau ; 0.87; 3800;occ; 131; 0;38952
7;-1058.7; 12-AUG-2009 07:54:04; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;38952
8; -942.7; 12-AUG-2009 07:56:00; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38952
9; -859.2; 12-AUG-2009 07:57:23; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38952
10; -773.0; 12-AUG-2009 07:58:49; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38952
11; -395.7; 12-AUG-2009 08:05:07; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38952
12; -173.1; 12-AUG-2009 08:08:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38952
13; 147.3; 12-AUG-2009 08:14:10; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38953
14; 753.5; 12-AUG-2009 08:24:16; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38953
15; 1227.7; 12-AUG-2009 08:32:10; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38953
16; 1586.1; 12-AUG-2009 08:38:09; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;38953

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2; 1937.9; 12-AUG-2009 08:44:00; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38953
3; 2133.6; 12-AUG-2009 08:47:16; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38953
4; 2515.6; 12-AUG-2009 08:53:38; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38953
5; 2707.6; 12-AUG-2009 08:56:50; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38953
6; 3031.6; 12-AUG-2009 09:02:14; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38953
7; 3348.1; 12-AUG-2009 09:07:31; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38953
8; 3479.6; 12-AUG-2009 09:09:42; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38953
9; 3907.0; 12-AUG-2009 09:16:49; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38953
10; 4021.3; 12-AUG-2009 09:18:44; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38953
11; 4096.2; 12-AUG-2009 09:19:59; Bright; 49.0; 175; 39Del Per ; 3.01; 19400;occ; 98; 0;38953
12; 4542.9; 12-AUG-2009 09:27:25; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38953
13; 4679.3; 12-AUG-2009 09:29:42; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38953
14; 4868.7; 12-AUG-2009 09:32:51; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38953
15; 4977.8; 12-AUG-2009 09:34:40; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38953
16; 5093.7; 12-AUG-2009 09:36:36; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38953
17; 5177.0; 12-AUG-2009 09:38:00; Dark ; 42.0; 125; 44Iot Ori ; 2.77; 30000;occ; 84; 0;38953
18; 5263.5; 12-AUG-2009 09:39:26; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38953
19; 5641.7; 12-AUG-2009 09:45:44; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38953
20; 5863.7; 12-AUG-2009 09:49:26; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38953
21; 6184.3; 12-AUG-2009 09:54:47; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38953
22; 6790.2; 12-AUG-2009 10:04:53; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38953
23; 7264.1; 12-AUG-2009 10:12:47; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38953
24; 7622.0; 12-AUG-2009 10:18:45; Bright; 62.5; 142; 49Del Cap ; 2.85; 8900;occ; 125; 0;38953

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2; 1937.6; 12-AUG-2009 10:24:36; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38954
3; 2133.2; 12-AUG-2009 10:27:52; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38954

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4; 2515.2; 12-AUG-2009 10:34:14; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38954
5; 2707.3; 12-AUG-2009 10:37:26; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38954
6; 3031.3; 12-AUG-2009 10:42:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;38954
7; 3347.3; 12-AUG-2009 10:48:06; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38954
8; 3478.8; 12-AUG-2009 10:50:17; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38954
9; 3906.5; 12-AUG-2009 10:57:25; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38954
10; 4020.7; 12-AUG-2009 10:59:19; Bright; 25.0; 35; 33Alp Per ; 1.79; 6250;occ; 50; 0;38954
11; 4095.7; 12-AUG-2009 11:00:34; Bright; 65.0; 175; 39Del Per ; 3.01; 19400;occ; 130; 0;38954
12; 4543.0; 12-AUG-2009 11:08:01; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38954
13; 4679.3; 12-AUG-2009 11:10:18; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38954
14; 4869.2; 12-AUG-2009 11:13:28; Dark ; 67.0; 13; 87Alp Tau ; 0.87; 3800;occ; 134; 0;38954
15; 4978.2; 12-AUG-2009 11:15:17; Dark ; 44.5; 27; 24Gam Ori ; 1.64; 26000;occ; 89; 0;38954
16; 5094.2; 12-AUG-2009 11:17:13; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;38954
17; 5177.6; 12-AUG-2009 11:18:36; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38954
18; 5264.2; 12-AUG-2009 11:20:03; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;38954
19; 5643.2; 12-AUG-2009 11:26:22; Dark ; 42.0; 165; 34Gam Eri ; 2.95; 3200;occ; 84; 0;38954
20; 5864.6; 12-AUG-2009 11:30:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38954
21; 6185.5; 12-AUG-2009 11:35:24; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38954
22; 6791.2; 12-AUG-2009 11:45:30; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38954
23; 7264.6; 12-AUG-2009 11:53:23; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38954
24; 7622.3; 12-AUG-2009 11:59:21; Bright; 41.0; 142; 49Del Cap ; 2.85; 8900;occ; 82; 0;38954
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3; 1937.4; 12-AUG-2009 12:05:12; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38955
4; 2132.9; 12-AUG-2009 12:08:27; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38955
5; 2514.9; 12-AUG-2009 12:14:49; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38955
6; 2706.9; 12-AUG-2009 12:18:01; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38955
7; 3031.1; 12-AUG-2009 12:23:25; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38955
8; 3346.5; 12-AUG-2009 12:28:41; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38955
9; 3478.1; 12-AUG-2009 12:30:52; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38955
10; 3905.8; 12-AUG-2009 12:38:00; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38955
11; 4020.3; 12-AUG-2009 12:39:55; Bright; 25.0; 35; 33Alp Per ; 1.79; 6250;occ; 50; 0;38955
12; 4095.3; 12-AUG-2009 12:41:10; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38955
13; 4543.2; 12-AUG-2009 12:48:37; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38955
14; 4679.6; 12-AUG-2009 12:50:54; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38955
15; 4869.9; 12-AUG-2009 12:54:04; Dark ; 68.5; 13; 87Alp Tau ; 0.87; 3800;occ; 137; 0;38955
16; 4978.7; 12-AUG-2009 12:55:53; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38955
17; 5094.8; 12-AUG-2009 12:57:49; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38955
18; 5178.2; 12-AUG-2009 12:59:12; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38955
19; 5264.8; 12-AUG-2009 13:00:39; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38955
20; 5644.6; 12-AUG-2009 13:06:59; Dark ; 42.0; 165; 34Gam Eri ; 2.95; 3200;occ; 84; 0;38955
21; 5865.5; 12-AUG-2009 13:10:40; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38955
22; 6187.0; 12-AUG-2009 13:16:01; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38955
23; 6792.0; 12-AUG-2009 13:26:06; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38955
24; 7265.0; 12-AUG-2009 13:33:59; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38955
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 15; 1233.7; 13-AUG-2009 06:20:03; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38966
 16; 1587.5; 13-AUG-2009 06:25:57; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;38966
 17; 1801.6; 13-AUG-2009 06:29:31; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38966
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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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 21; 3027.6; 13-AUG-2009 06:49:57; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38966
 22; 3338.0; 13-AUG-2009 06:55:07; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38966
 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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 2; 1588.4; 13-AUG-2009 19:50:45; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38974
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 6; 2510.3; 13-AUG-2009 20:06:07; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38974
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 9; 3463.7; 13-AUG-2009 20:22:01; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38974
 10; 3895.2; 13-AUG-2009 20:29:12; Bright; 42.0; 160; 23Gam Per ; 2.93; 4700;occ; 84; 0;38974
 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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 16; 4881.8; 13-AUG-2009 20:45:39; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;38974
 17; 4988.8; 13-AUG-2009 20:47:26; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38974
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 5; 172.3; 13-AUG-2009 21:07:45; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38975
 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
 15; 3462.9; 13-AUG-2009 22:02:36; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38975
 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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3; 173.9; 13-AUG-2009 22:48:23; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;38976
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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6; 1588.4; 13-AUG-2009 23:11:57; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;38976
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8; 1931.1; 13-AUG-2009 23:17:40; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38976
9; 2124.5; 13-AUG-2009 23:20:53; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38976
10; 2509.5; 13-AUG-2009 23:27:18; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38976
11; 3024.5; 13-AUG-2009 23:35:53; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38976
12; 3329.9; 13-AUG-2009 23:40:59; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38976
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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18; 4547.3; 14-AUG-2009 00:01:16; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38976
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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22; 5105.8; 14-AUG-2009 00:10:35; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;38976
23; 5190.1; 14-AUG-2009 00:11:59; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38976
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3; -1672.0; 13-AUG-2009 07:12:13; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;38966
4; -1490.6; 13-AUG-2009 07:15:15; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;38966
5; -1353.2; 13-AUG-2009 07:17:32; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38966
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7; -1051.6; 13-AUG-2009 07:22:34; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38966
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
10; -763.3; 13-AUG-2009 07:27:22; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;38966
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
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5; 3027.4; 13-AUG-2009 08:30:33; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38967
6; 3337.1; 13-AUG-2009 08:35:43; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38967
7; 3469.1; 13-AUG-2009 08:37:55; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38967
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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10; 4196.4; 13-AUG-2009 10:30:38; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38968
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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
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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
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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
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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
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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
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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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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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3; 1801.3; 13-AUG-2009 16:33:06; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38972
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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
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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
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18; 5103.8; 13-AUG-2009 17:28:09; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38972
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22; 6206.1; 13-AUG-2009 17:46:31; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 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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4; 1238.7; 14-AUG-2009 00:46:43; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38977
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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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9; 1801.1; 14-AUG-2009 02:36:42; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;38978
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6; 1929.9; 14-AUG-2009 06:00:02; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38980
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8; 2508.7; 14-AUG-2009 06:09:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38980
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3; 1800.6; 14-AUG-2009 21:03:16; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38989
4; 1927.4; 14-AUG-2009 21:05:23; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38989
5; 2119.9; 14-AUG-2009 21:08:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38989
6; 2511.5; 14-AUG-2009 21:15:07; Bright; 33.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 66; 0;38989
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8; 3319.7; 14-AUG-2009 21:28:36; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38989
9; 3452.6; 14-AUG-2009 21:30:48; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38989
10; 4194.8; 14-AUG-2009 21:43:11; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;38989
11; 4365.8; 14-AUG-2009 21:46:02; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;38989
12; 4549.7; 14-AUG-2009 21:49:06; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;38989
13; 4689.3; 14-AUG-2009 21:51:25; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38989
14; 4924.6; 14-AUG-2009 21:55:21; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;38989
15; 5113.3; 14-AUG-2009 21:58:29; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38989
16; 5197.9; 14-AUG-2009 21:59:54; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38989
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4; 189.7; 14-AUG-2009 22:17:01; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38990
5; 786.0; 14-AUG-2009 22:26:58; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38990
6; 1244.5; 14-AUG-2009 22:34:36; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38990
7; 1590.1; 14-AUG-2009 22:40:22; Bright; 52.5; 142; 49Del Cap ; 2.85; 8900;occ; 105; 0;38990
8; 1800.3; 14-AUG-2009 22:43:52; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38990
9; 1927.1; 14-AUG-2009 22:45:59; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38990
10; 2119.6; 14-AUG-2009 22:49:11; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38990
11; 3021.2; 14-AUG-2009 23:04:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38990
12; 3318.8; 14-AUG-2009 23:09:11; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38990
13; 3451.7; 14-AUG-2009 23:11:23; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38990
14; 4194.9; 14-AUG-2009 23:23:47; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;38990
15; 4365.7; 14-AUG-2009 23:26:37; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;38990
16; 4549.7; 14-AUG-2009 23:29:41; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;38990
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19; 5113.8; 14-AUG-2009 23:39:06; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38990
20; 5198.5; 14-AUG-2009 23:40:30; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38990
21; 5290.2; 14-AUG-2009 23:42:02; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;38990
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3; 190.8; 14-AUG-2009 23:57:38; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38991
4; 786.7; 15-AUG-2009 00:07:34; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38991
5; 1245.0; 15-AUG-2009 00:15:13; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38991
6; 1589.9; 15-AUG-2009 00:20:58; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;38991
7; 1800.4; 15-AUG-2009 00:24:28; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38991
8; 1926.9; 15-AUG-2009 00:26:34; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38991
9; 2119.2; 15-AUG-2009 00:29:47; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38991
10; 3020.7; 15-AUG-2009 00:44:48; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38991
11; 3318.1; 15-AUG-2009 00:49:46; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38991
12; 3450.9; 15-AUG-2009 00:51:58; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38991
13; 4194.8; 15-AUG-2009 01:04:22; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38991
14; 4365.9; 15-AUG-2009 01:07:13; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;38991
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16; 4689.9; 15-AUG-2009 01:12:38; Dark ; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;38991
17; 4925.4; 15-AUG-2009 01:16:33; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;38991
18; 5114.4; 15-AUG-2009 01:19:42; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38991
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8; 3891.4; 14-AUG-2009 08:13:20; Bright; 33.0; 160; 23Gam Per ; 2.93; 4700;occ; 66; 0;38981
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7; 3457.9; 14-AUG-2009 09:46:42; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38982
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9; 4195.5; 14-AUG-2009 09:59:00; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38982
10; 4365.1; 14-AUG-2009 10:01:49; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;38982
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16; 5284.2; 14-AUG-2009 10:17:09; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38982
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19; 6815.9; 14-AUG-2009 10:42:40; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38982
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11; 4365.3; 14-AUG-2009 13:23:01; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38984
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4; 3290.8; 17-AUG-2009 11:30:16; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39026
5; 3424.7; 17-AUG-2009 11:32:30; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39026
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13; 5319.1; 17-AUG-2009 12:04:04; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;39026
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3; 1918.3; 17-AUG-2009 12:47:59; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;39027
4; 2107.8; 17-AUG-2009 12:51:09; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39027
5; 3290.1; 17-AUG-2009 13:10:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39027
6; 3423.9; 17-AUG-2009 13:13:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;39027
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 11; 3263.1; 19-AUG-2009 23:51:21; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39062
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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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 19; 5159.8; 20-AUG-2009 00:22:58; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 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
14; 1270.6; 19-AUG-2009 08:12:46; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;39053
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19; 6308.0; 19-AUG-2009 17:59:43; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39058
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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
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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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 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
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 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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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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6; -331.5; 25-AUG-2009 21:22:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39146
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 4; 2553.1; 25-AUG-2009 18:49:13; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39145
 5; 3203.3; 25-AUG-2009 19:00:03; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39145
 6; 3335.8; 25-AUG-2009 19:02:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39145
 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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 2; -689.9; 26-AUG-2009 00:37:34; Dark ; 51.0; 56; 53Kap Ori ; 2.07; 30000;occ; 102; 0;39148
 3; -594.0; 26-AUG-2009 00:39:10; Dark ; 68.0; 7; 19Bet Ori ; 0.10; 14000;occ; 136; 0;39148
 4; -445.5; 26-AUG-2009 00:41:38; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39148
 5; -329.5; 26-AUG-2009 00:43:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39148
 6; 382.5; 26-AUG-2009 00:55:26; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39149
 7; 908.0; 26-AUG-2009 01:04:12; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39149
 8; 1304.2; 26-AUG-2009 01:10:48; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39149
 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
 4; -689.1; 26-AUG-2009 02:18:10; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39149
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 6; -444.4; 26-AUG-2009 02:22:15; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39149
 7; -328.5; 26-AUG-2009 02:24:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39149
 8; 383.6; 26-AUG-2009 02:36:03; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39150
 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
 15; 3332.1; 26-AUG-2009 03:25:12; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39150

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1; -1861.5; 26-AUG-2009 03:39:14; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39150
 2; -1660.4; 26-AUG-2009 03:42:35; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;39150
 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
 15; 1900.1; 26-AUG-2009 04:41:56; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39151
 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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3;-1451.3; 26-AUG-2009 05:26:40; Dark ; 60.0; 28; 12Bet Tau ; 1.65; 15200;occ; 120; 0;39151
4;-1273.4; 26-AUG-2009 05:29:38; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39151
5;-1027.8; 26-AUG-2009 05:33:44; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;39151
6; -921.9; 26-AUG-2009 05:35:30; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39151
7; -804.6; 26-AUG-2009 05:37:27; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;39151
8; -687.6; 26-AUG-2009 05:39:24; Dark ; 51.5; 56; 53Kap Ori ; 2.07; 30000;occ; 103; 0;39151
9; -590.2; 26-AUG-2009 05:41:01; Dark ; 69.0; 7; 19Bet Ori ; 0.10; 14000;occ; 138; 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
17; 2548.6; 26-AUG-2009 06:33:20; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39152
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
8; 4172.0; 26-AUG-2009 22:05:47; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39161
9; 4376.0; 26-AUG-2009 22:09:11; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39161
10; 4587.0; 26-AUG-2009 22:12:42; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39161
11; 4765.7; 26-AUG-2009 22:15:41; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39161
12; 5014.5; 26-AUG-2009 22:19:49; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;39161
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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3; -578.2; 26-AUG-2009 22:27:13; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 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
7; 916.8; 26-AUG-2009 22:52:08; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39162
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9; 1898.9; 26-AUG-2009 23:08:30; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39162
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11; 2542.0; 26-AUG-2009 23:19:13; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39162
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13; 3323.1; 26-AUG-2009 23:32:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39162
14; 4171.9; 26-AUG-2009 23:46:23; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39162
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16; 4587.2; 26-AUG-2009 23:53:18; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39162
17; 4766.1; 26-AUG-2009 23:56:17; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;39162
18; 5015.2; 27-AUG-2009 00:00:26; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39162
19; 5124.5; 27-AUG-2009 00:02:15; Dark ; 64.5; 27; 24Gam Ori ; 1.64; 26000;occ; 129; 0;39162
20; 5241.7; 27-AUG-2009 00:04:12; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;39162
21; 5357.9; 27-AUG-2009 00:06:09; Dark ; 25.5; 56; 53Kap Ori ; 2.07; 30000;occ; 51; 0;39162
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3;-1451.1; 26-AUG-2009 07:07:16; Dark ; 58.5; 28; 12Bet Tau ; 1.65; 15200;occ; 117; 0;39152
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
6; -920.8; 26-AUG-2009 07:16:07; Dark ; 59.5; 27; 24Gam Ori ; 1.64; 26000;occ; 119; 0;39152
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12; 387.5; 26-AUG-2009 07:37:55; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39153

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3; 2547.8; 26-AUG-2009 08:13:55; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;39153
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5; 3329.9; 26-AUG-2009 08:26:57; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39153
6; 4173.7; 26-AUG-2009 08:41:01; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39153
7; 4375.6; 26-AUG-2009 08:44:23; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39153
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13; 5350.1; 26-AUG-2009 09:00:38; Dark ; 50.5; 56; 53Kap Ori ; 2.07; 30000;occ; 101; 0;39153
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8; 4585.3; 26-AUG-2009 10:28:29; Dark ; 58.0; 28; 12Bet Tau ; 1.65; 15200;occ; 116; 0;39154
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16; 5712.3; 26-AUG-2009 10:47:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39154
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3; 3196.0; 26-AUG-2009 11:45:55; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;39155
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6; 4375.7; 26-AUG-2009 12:05:35; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39155
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8; 4763.8; 26-AUG-2009 12:12:03; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39155
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 5; 4173.3; 26-AUG-2009 13:42:48; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39156
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 15; 5599.3; 26-AUG-2009 15:47:10; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39157
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 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
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3; -557.3; 28-AUG-2009 01:17:08; Dark ; 73.0; 7; 19Bet Ori ; 0.10; 14000;occ; 146; 0;39177
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5; 417.8; 28-AUG-2009 01:33:23; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39178
6; 927.2; 28-AUG-2009 01:41:53; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39178
7; 1313.3; 28-AUG-2009 01:48:19; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39178
8; 1897.9; 28-AUG-2009 01:58:03; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39178
9; 2283.8; 28-AUG-2009 02:04:29; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;39178
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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
3;-1008.5; 28-AUG-2009 06:11:25; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 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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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
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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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12; 5261.4; 28-AUG-2009 12:57:42; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;39184
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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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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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
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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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4; 2526.7; 28-AUG-2009 17:13:56; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39187
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3; 2513.4; 30-AUG-2009 09:28:04; Bright; 42.5; 164; 44Eta Peg ; 2.95; 5400;occ; 85; 0;39211
4; 3158.6; 30-AUG-2009 09:38:50; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;39211
5; 3287.9; 30-AUG-2009 09:40:59; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39211
6; 4161.7; 30-AUG-2009 09:55:33; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39211
7; 4377.7; 30-AUG-2009 09:59:09; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39211
8; 4679.4; 30-AUG-2009 10:04:10; Dark ; 59.0; 151; 13Mu Gem ; 2.89; 3000;occ; 118; 0;39211
9; 4783.6; 30-AUG-2009 10:05:55; Dark ; 50.0; 44; 24Gam Gem ; 1.93; 11000;occ; 100; 0;39211
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12; 5433.2; 30-AUG-2009 10:16:44; Dark ; 45.5; 47; 2Bet CMA ; 1.98; 28000;occ; 91; 0;39211
13; 5595.5; 30-AUG-2009 10:19:26; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;39211
14; 5772.2; 30-AUG-2009 10:22:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39211
15; 6495.5; 30-AUG-2009 10:34:26; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39211
16; 6984.3; 30-AUG-2009 10:42:35; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39211
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5; 469.3; 30-AUG-2009 23:59:23; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39220
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4; 3157.6; 30-AUG-2009 11:19:24; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;39212
5; 3287.2; 30-AUG-2009 11:21:34; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39212
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 11; 5295.6; 30-AUG-2009 15:16:14; Dark ; 63.5; 30; 46Eps Ori ; 1.69; 30000;occ; 127; 0;39214
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11; 1326.2; 31-AUG-2009 03:34:52; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39222
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13; 2257.0; 31-AUG-2009 03:50:23; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;39222
14; 2507.7; 31-AUG-2009 03:54:34; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39222
15; 3151.3; 31-AUG-2009 04:05:17; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39222
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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
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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
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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
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 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
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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
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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
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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
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 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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 16; 6993.6; 31-AUG-2009 11:51:43; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;39226
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 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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 9; 4789.7; 31-AUG-2009 12:55:35; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39227
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 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
 14; 5790.2; 31-AUG-2009 13:12:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 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
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 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
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