

GOMOS Daily Report 20-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	23AUG2009 04:49:34
Data source version	GOMOS/5.00
Start time of products	20AUG2009 00:06:46
Stop time of products	20AUG2009 23:56:28
Store outputs in DB	Yes
Nb of level 1b prods	98
Nb of prods with errors	1

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

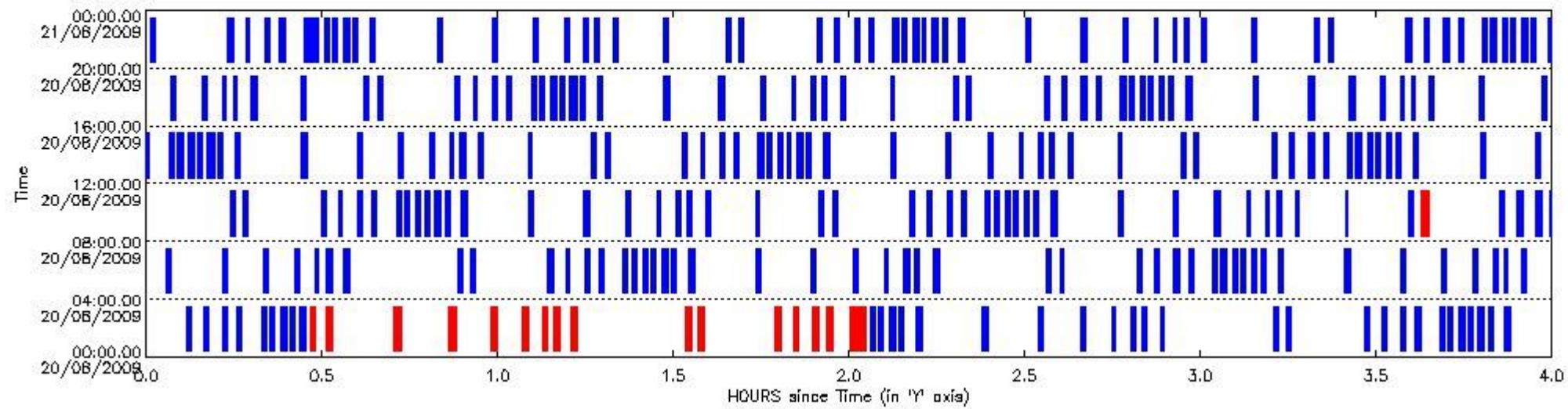
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
20-AUG-2009 00:27:53	11AlpLep	101	39062
20-AUG-2009 00:30:47	DSA1062	0	39062
20-AUG-2009 00:42:11	The1Eri	157	39063
20-AUG-2009 00:51:40	AlpPhe	84	39063
20-AUG-2009 00:58:48	24AlpPsA	18	39063
20-AUG-2009 01:04:12	49DelCap	142	39063
20-AUG-2009 01:07:33	22BetAqr	154	39063
20-AUG-2009 01:09:25	34AlpAqr	162	39063
20-AUG-2009 01:12:33	8EpsPeg	61	39063
20-AUG-2009 01:31:57	11BetCas	74	39063
20-AUG-2009 01:34:11	27GamCas	76	39063
20-AUG-2009 01:47:22	13AlpAur	6	39063
20-AUG-2009 01:50:25	37TheAur	107	39063
20-AUG-2009 01:53:39	12BetTau	28	39063
20-AUG-2009 01:56:08	23ZetTau	176	39063

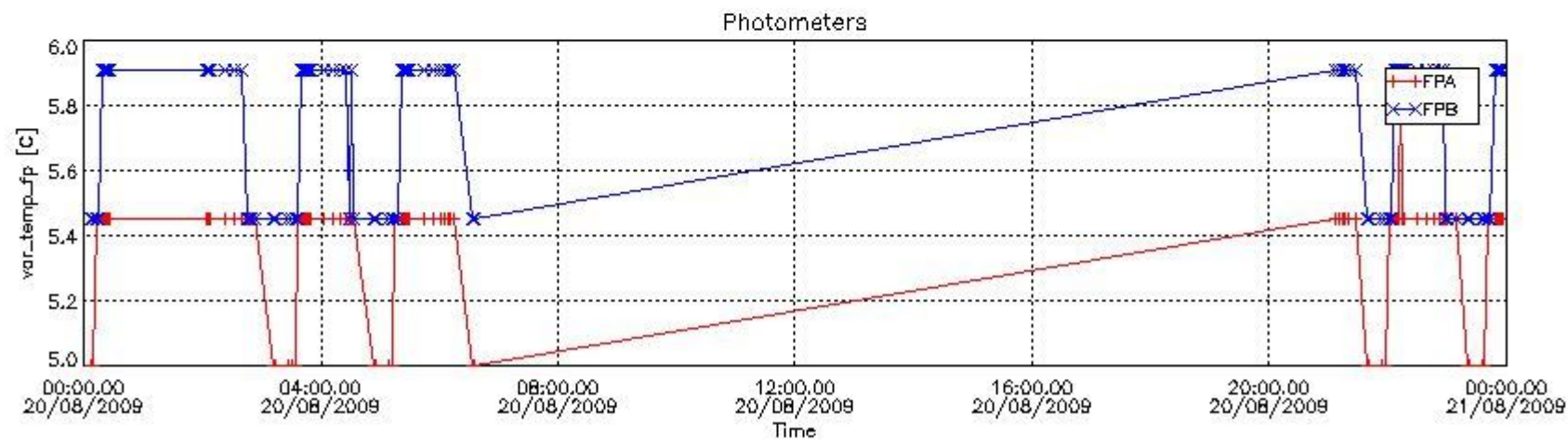
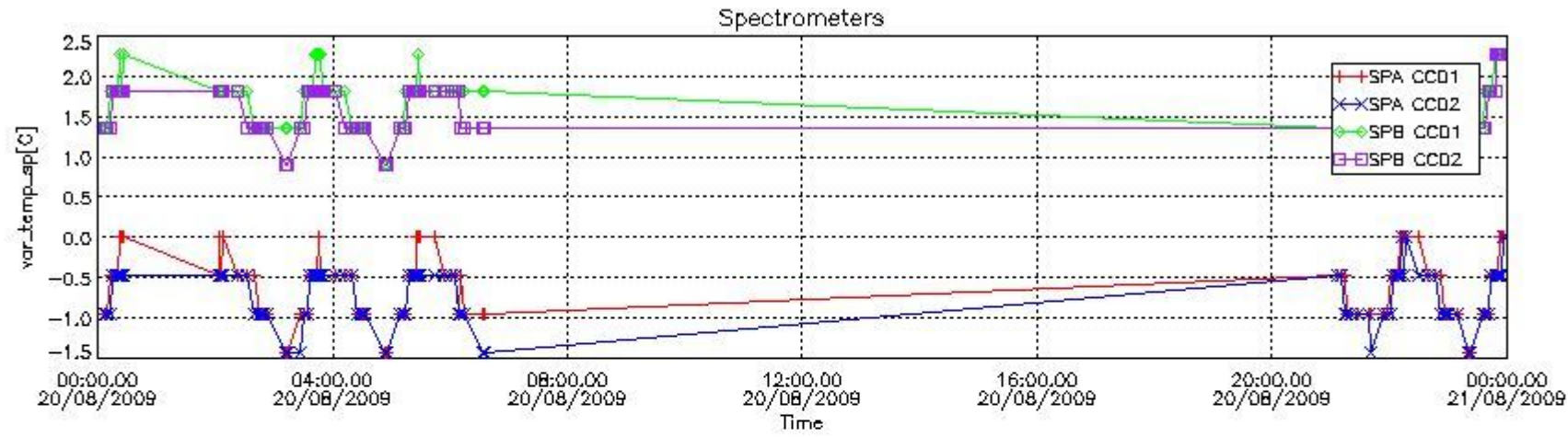
20-AUG-2009 02:00:13	58AlpOri	14	39063
20-AUG-2009 02:01:38	24GamOri	27	39063
20-AUG-2009 11:37:42	27GamCas	76	39069

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_1PNPDE20090820_000646_000000512081_00431_39062_8086.N1	20-AUG-2009 00:06:46	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39062	No
2	GOM_TRA_1PNPDE20090820_000949_000000432081_00431_39062_8087.N1	20-AUG-2009 00:09:49	Bright	42.500	107	37The Aur	2.6490	11000.	85	39062	No
3	GOM_TRA_1PNPDE20090820_001302_000000552081_00431_39062_8088.N1	20-AUG-2009 00:13:02	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39062	No
4	GOM_TRA_1PNPDE20090820_001531_000000502081_00431_39062_8089.N1	20-AUG-2009 00:15:31	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39062	No
5	GOM_TRA_1PNPDE20090820_001936_000000622081_00431_39062_8090.N1	20-AUG-2009 00:19:36	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	39062	No
6	GOM_TRA_1PNPDE20090820_002101_000000562081_00431_39062_8091.N1	20-AUG-2009 00:21:01	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	39062	No
7	GOM_TRA_1PNPDE20090820_002258_000000562081_00431_39062_8092.N1	20-AUG-2009 00:22:58	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	39062	No
8	GOM_TRA_1PNPDE20090820_002425_000000482081_00431_39062_8093.N1	20-AUG-2009 00:24:25	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39062	No
9	GOM_TRA_1PNPDE20090820_002609_000000652081_00431_39062_8094.N1	20-AUG-2009 00:26:09	Dark	64.500	7	19Bet Ori	0.10000	14000.	129	39062	No
10	GOM_TRA_1PNPDE20090820_020335_000000532081_00432_39063_8438.N1	20-AUG-2009 02:03:35	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39063	No
11	GOM_TRA_1PNPDE20090820_020502_000000502081_00432_39063_8439.N1	20-AUG-2009 02:05:02	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39063	No
12	GOM_TRA_1PNPDE20090820_020646_000000692081_00432_39063_8440.N1	20-AUG-2009 02:06:46	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39063	No
13	GOM_TRA_1PNPDE20090820_020830_000000502081_00432_39063_8441.N1	20-AUG-2009 02:08:30	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	39063	No
14	GOM_TRA_1PNPDE20090820_022248_000000542081_00433_39064_8442.N1	20-AUG-2009 02:22:48	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39064	No
15	GOM_TRA_1PNPDE20090820_023216_000000532081_00433_39064_8443.N1	20-AUG-2009 02:32:16	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39064	No
16	GOM_TRA_1PNPDE20090820_023925_000000522081_00433_39064_8444.N1	20-AUG-2009 02:39:25	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39064	No
17	GOM_TRA_1PNPDE20090820_024448_000000422081_00433_39064_8445.N1	20-AUG-2009 02:44:48	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39064	No
18	GOM_TRA_1PNPDE20090820_024809_000000412081_00433_39064_8446.N1	20-AUG-2009 02:48:09	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39064	No
19	GOM_TRA_1PNPDE20090820_025001_000000432081_00433_39064_8447.N1	20-AUG-2009 02:50:01	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39064	No
20	GOM_TRA_1PNPDE20090820_025308_000000442081_00433_39064_8448.N1	20-AUG-2009 02:53:08	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	39064	No
21	GOM_TRA_1PNPDE20090820_031232_000000482081_00433_39064_8449.N1	20-AUG-2009 03:12:32	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39064	No
22	GOM_TRA_1PNPDE20090820_031446_000000492081_00433_39064_8450.N1	20-AUG-2009 03:14:46	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	39064	No
23	GOM_TRA_1PNPDE20090820_032757_000000522081_00433_39064_8536.N1	20-AUG-2009 03:27:57	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39064	No
24	GOM_TRA_1PNPDE20090820_033101_000000442081_00433_39064_8537.N1	20-AUG-2009 03:31:01	Bright	43.500	107	37The Aur	2.6490	11000.	87	39064	No
25	GOM_TRA_1PNPDE20090820_033415_000000532081_00433_39064_8538.N1	20-AUG-2009 03:34:15	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	39064	No
26	GOM_TRA_1PNPDE20090820_033644_000000512081_00433_39064_8539.N1	20-AUG-2009 03:36:44	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39064	No
27	GOM_TRA_1PNPDE20090820_034049_000000582081_00433_39064_8540.N1	20-AUG-2009 03:40:49	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	39064	No
28	GOM_TRA_1PNPDE20090820_034214_000000552081_00433_39064_8541.N1	20-AUG-2009 03:42:14	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39064	No
29	GOM_TRA_1PNPDE20090820_034411_000000532081_00433_39064_8542.N1	20-AUG-2009 03:44:11	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39064	No
30	GOM_TRA_1PNPDE20090820_034539_000000482081_00433_39064_8543.N1	20-AUG-2009 03:45:39	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39064	No
31	GOM_TRA_1PNPDE20090820_034723_000000672081_00433_39064_8544.N1	20-AUG-2009 03:47:23	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39064	No
32	GOM_TRA_1PNPDE20090820_034907_000000492081_00433_39064_8545.N1	20-AUG-2009 03:49:07	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39064	No
33	GOM_TRA_1PNPDE20090820_040325_000000532081_00434_39065_8546.N1	20-AUG-2009 04:03:25	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39065	No
34	GOM_TRA_1PNPDE20090820_041253_000000532081_00434_39065_8547.N1	20-AUG-2009 04:12:53	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39065	No
35	GOM_TRA_1PNPDE20090820_042001_000000512081_00434_39065_8548.N1	20-AUG-2009 04:20:01	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39065	No
36	GOM_TRA_1PNPDE20090820_042524_000000422081_00434_39065_8549.N1	20-AUG-2009 04:25:24	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	39065	No
37	GOM_TRA_1PNPDE20090820_042845_000000402081_00434_39065_8550.N1	20-AUG-2009 04:28:45	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	39065	No
38	GOM_TRA_1PNPDE20090820_043037_000000642081_00434_39065_8551.N1	20-AUG-2009 04:30:37	Bright	64.000	162	34Alp Aqr	2.9440	5350.0	128	39065	No
39	GOM_TRA_1PNPDE20090820_043344_000000612081_00434_39065_8552.N1	20-AUG-2009 04:33:44	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39065	No
40	GOM_TRA_1PNPDE20090820_045307_000000482081_00434_39065_8553.N1	20-AUG-2009 04:53:07	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39065	No
41	GOM_TRA_1PNPDE20090820_045521_000000482081_00434_39065_8554.N1	20-AUG-2009 04:55:21	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39065	No
42	GOM_TRA_1PNPDE20090820_050833_000000522081_00434_39065_8755.N1	20-AUG-2009 05:08:33	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39065	No
43	GOM_TRA_1PNPDE20090820_051137_000000422081_00434_39065_8756.N1	20-AUG-2009 05:11:37	Bright	42.000	107	37The Aur	2.6490	11000.	84	39065	No
44	GOM_TRA_1PNPDE20090820_051451_000000552081_00434_39065_8757.N1	20-AUG-2009 05:14:51	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39065	No
45	GOM_TRA_1PNPDE20090820_051720_000000502081_00434_39065_8758.N1	20-AUG-2009 05:17:20	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39065	No
46	GOM_TRA_1PNPDE20090820_052125_000000502081_00434_39065_8759.N1	20-AUG-2009 05:21:25	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	39065	No
47	GOM_TRA_1PNPDE20090820_052251_000000562081_00434_39065_8760.N1	20-AUG-2009 05:22:51	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	39065	No
48	GOM_TRA_1PNPDE20090820_052448_000000512081_00434_39065_8761.N1	20-AUG-2009 05:24:48	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	39065	No
49	GOM_TRA_1PNPDE20090820_052616_000000492081_00434_39065_8762.N1	20-AUG-2009 05:26:16	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39065	No
50	GOM_TRA_1PNPDE20090820_052800_000000682081_00434_39065_8763.N1	20-AUG-2009 05:28:00	Dark	67.500	7	19Bet Ori	0.10000	14000.	135	39065	No
51	GOM_TRA_1PNPDE20090820_052944_000000472081_00434_39065_8764.N1	20-AUG-2009 05:29:44	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	39065	No

52	GOM_TRA_1PNPDE20090820_054403_000000512081_00435_39066_8765.N1	20-AUG-2009 05:44:03	Dark	50.500	157	The1Eri	2.9060	9300.0	101	39066	No
53	GOM_TRA_1PNPDE20090820_055330_000000512081_00435_39066_8766.N1	20-AUG-2009 05:53:30	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39066	No
54	GOM_TRA_1PNPDE20090820_060038_000000522081_00435_39066_8767.N1	20-AUG-2009 06:00:38	Twi_and_stray	51.500	18	24Alp PsA	1.1660	9700.0	103	39066	No
55	GOM_TRA_1PNPDE20090820_060601_000000422081_00435_39066_8768.N1	20-AUG-2009 06:06:01	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39066	No
56	GOM_TRA_1PNPDE20090820_060922_000000532081_00435_39066_8769.N1	20-AUG-2009 06:09:22	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	39066	No
57	GOM_TRA_1PNPDE20090820_061113_000000432081_00435_39066_8770.N1	20-AUG-2009 06:11:13	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39066	No
58	GOM_TRA_1PNPDE20090820_061420_000000612081_00435_39066_8771.N1	20-AUG-2009 06:14:20	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39066	No
59	GOM_TRA_1PNPDE20090820_063343_000000452081_00435_39066_8772.N1	20-AUG-2009 06:33:43	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39066	No
60	GOM_TRA_1PNPDE20090820_063557_000000472081_00435_39066_8773.N1	20-AUG-2009 06:35:57	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39066	No
61	GOM_TRA_1PNPDE20090820_210604_000000502081_00444_39075_9213.N1	20-AUG-2009 21:06:04	Twi_and_stray	49.500	18	24Alp PsA	1.1660	9700.0	99	39075	No
62	GOM_TRA_1PNPDE20090820_211125_000000412081_00444_39075_9214.N1	20-AUG-2009 21:11:25	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	39075	No
63	GOM_TRA_1PNPDE20090820_211445_000000382081_00444_39075_9215.N1	20-AUG-2009 21:14:45	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	39075	No
64	GOM_TRA_1PNPDE20090820_211635_000000442081_00444_39075_9216.N1	20-AUG-2009 21:16:35	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	39075	No
65	GOM_TRA_1PNPDE20090820_211941_000000432081_00444_39075_9217.N1	20-AUG-2009 21:19:41	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	39075	No
66	GOM_TRA_1PNPDE20090820_212812_000000462081_00444_39075_9218.N1	20-AUG-2009 21:28:12	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39075	No
67	GOM_TRA_1PNPDE20090820_213859_000000482081_00444_39075_9219.N1	20-AUG-2009 21:38:59	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39075	No
68	GOM_TRA_1PNPDE20090820_214113_000000472081_00444_39075_9220.N1	20-AUG-2009 21:41:13	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39075	No
69	GOM_TRA_1PNPDE20090820_215432_000000512081_00444_39075_9221.N1	20-AUG-2009 21:54:32	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39075	No
70	GOM_TRA_1PNPDE20090820_215737_000000432081_00444_39075_9222.N1	20-AUG-2009 21:57:37	Bright	42.500	107	37The Aur	2.6490	11000.	85	39075	No
71	GOM_TRA_1PNPDE20090820_220053_000000562081_00444_39075_9223.N1	20-AUG-2009 22:00:53	Twi_and_stray	56.000	28	12Bet Tau	1.6500	15200.	112	39075	No
72	GOM_TRA_1PNPDE20090820_220323_000000522081_00444_39075_9224.N1	20-AUG-2009 22:03:23	Twi_and_stray	51.500	176	23Zet Tau	3.0200	22000.	103	39075	No
73	GOM_TRA_1PNPDE20090820_220730_000000632081_00444_39075_9225.N1	20-AUG-2009 22:07:30	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39075	No
74	GOM_TRA_1PNPDE20090820_220857_000000592081_00444_39075_9226.N1	20-AUG-2009 22:08:57	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	39075	No
75	GOM_TRA_1PNPDE20090820_221055_000000562081_00444_39075_9227.N1	20-AUG-2009 22:10:55	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	39075	No
76	GOM_TRA_1PNPDE20090820_221222_000000482081_00444_39075_9413.N1	20-AUG-2009 22:12:22	Dark	47.500	125	44lot Ori	2.7700	30000.	95	39075	Yes
77	GOM_TRA_1PNPDE20090820_221409_000000612081_00444_39075_9414.N1	20-AUG-2009 22:14:09	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	39075	No
78	GOM_TRA_1PNPDE20090820_221551_000000522081_00444_39075_9415.N1	20-AUG-2009 22:15:51	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	39075	No
79	GOM_TRA_1PNPDE20090820_223014_000000522081_00445_39076_9416.N1	20-AUG-2009 22:30:14	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39076	No
80	GOM_TRA_1PNPDE20090820_223937_000000612081_00445_39076_9417.N1	20-AUG-2009 22:39:37	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	39076	No
81	GOM_TRA_1PNPDE20090820_224640_000000502081_00445_39076_9418.N1	20-AUG-2009 22:46:40	Twi_and_stray	50.000	18	24Alp PsA	1.1660	9700.0	100	39076	No
82	GOM_TRA_1PNPDE20090820_225201_000000412081_00445_39076_9419.N1	20-AUG-2009 22:52:01	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	39076	No
83	GOM_TRA_1PNPDE20090820_225521_000000392081_00445_39076_9420.N1	20-AUG-2009 22:55:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	39076	No
84	GOM_TRA_1PNPDE20090820_225710_000000462081_00445_39076_9421.N1	20-AUG-2009 22:57:10	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	39076	No
85	GOM_TRA_1PNPDE20090820_230017_000000412081_00445_39076_9422.N1	20-AUG-2009 23:00:17	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	39076	No
86	GOM_TRA_1PNPDE20090820_230847_000000472081_00445_39076_9423.N1	20-AUG-2009 23:08:47	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	39076	No
87	GOM_TRA_1PNPDE20090820_231934_000000482081_00445_39076_9424.N1	20-AUG-2009 23:19:34	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39076	No
88	GOM_TRA_1PNPDE20090820_232148_000000472081_00445_39076_9425.N1	20-AUG-2009 23:21:48	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39076	No
89	GOM_TRA_1PNPDE20090820_233507_000000522081_00445_39076_9426.N1	20-AUG-2009 23:35:07	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39076	No
90	GOM_TRA_1PNPDE20090820_233813_000000432081_00445_39076_9427.N1	20-AUG-2009 23:38:13	Bright	42.500	107	37The Aur	2.6490	11000.	85	39076	No
91	GOM_TRA_1PNPDE20090820_234129_000000572081_00445_39076_9428.N1	20-AUG-2009 23:41:29	Twi_and_stray	57.000	28	12Bet Tau	1.6500	15200.	114	39076	No
92	GOM_TRA_1PNPDE20090820_234359_000000502081_00445_39076_9429.N1	20-AUG-2009 23:43:59	Twi_and_stray	50.000	176	23Zet Tau	3.0200	22000.	100	39076	No
93	GOM_TRA_1PNPDE20090820_234806_000000562081_00445_39076_9430.N1	20-AUG-2009 23:48:06	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	39076	No
94	GOM_TRA_1PNPDE20090820_234934_000000552081_00445_39076_9431.N1	20-AUG-2009 23:49:34	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39076	No
95	GOM_TRA_1PNPDE20090820_235131_000000502081_00445_39076_9432.N1	20-AUG-2009 23:51:31	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	39076	No
96	GOM_TRA_1PNPDE20090820_235259_000000492081_00445_39076_9433.N1	20-AUG-2009 23:52:59	Dark	48.500	125	44lot Ori	2.7700	30000.	97	39076	No
97	GOM_TRA_1PNPDE20090820_235445_000000642081_00445_39076_9582.N1	20-AUG-2009 23:54:45	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39076	No
98	GOM_TRA_1PNPDE20090820_235628_000000492081_00445_39076_9583.N1	20-AUG-2009 23:56:28	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	39076	No

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



4. Overview of dark signal processing per product

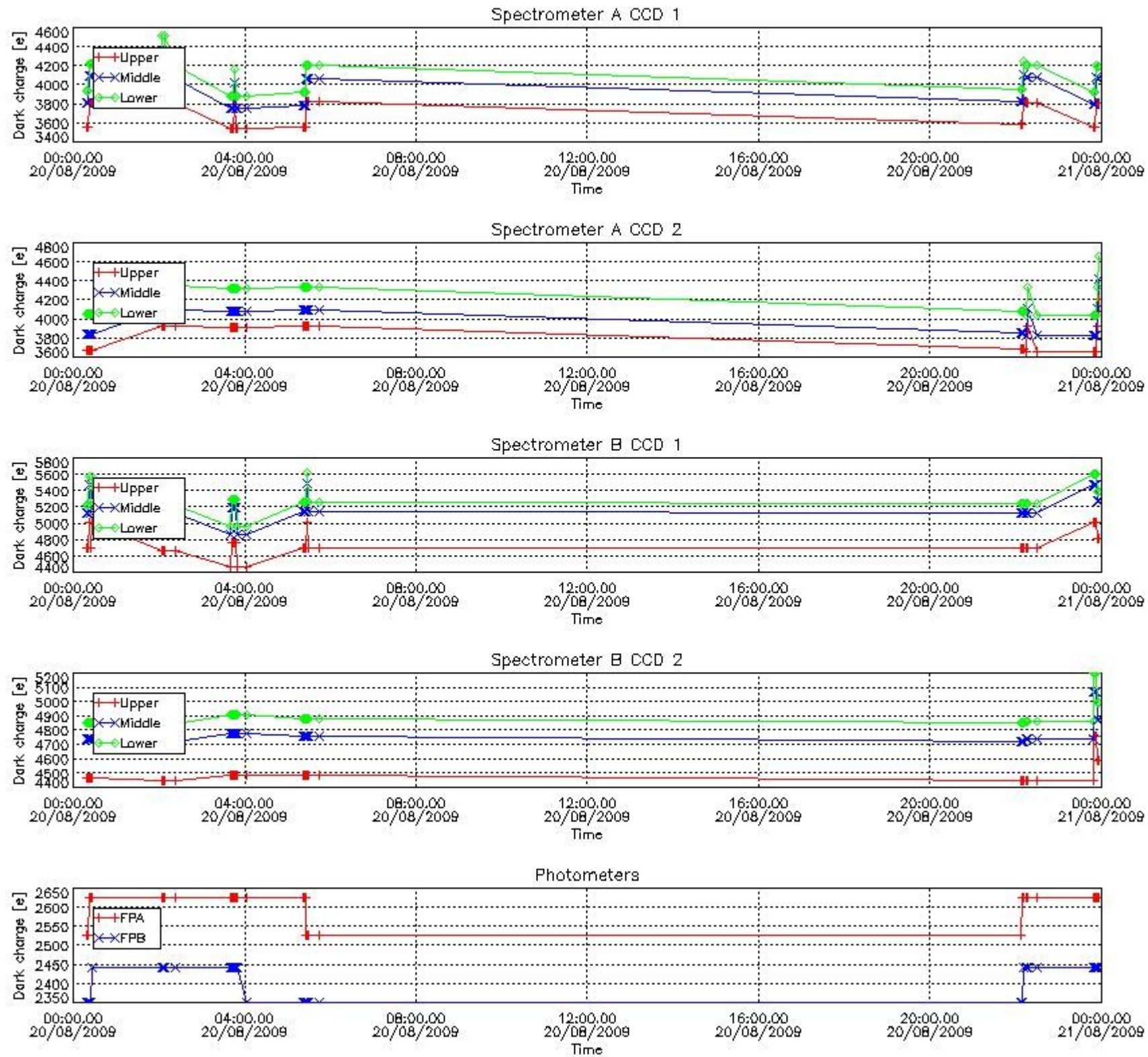
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20090820_210604_000000502081_00444_39075_9213.N1	DC map used
GOM_TRA_1PNPDE20090820_211125_000000412081_00444_39075_9214.N1	DC map used
GOM_TRA_1PNPDE20090820_211445_000000382081_00444_39075_9215.N1	DC map used
GOM_TRA_1PNPDE20090820_211635_000000442081_00444_39075_9216.N1	DC map used
GOM_TRA_1PNPDE20090820_211941_000000432081_00444_39075_9217.N1	DC map used
GOM_TRA_1PNPDE20090820_212812_000000462081_00444_39075_9218.N1	DC map used
GOM_TRA_1PNPDE20090820_213859_000000482081_00444_39075_9219.N1	DC map used
GOM_TRA_1PNPDE20090820_214113_000000472081_00444_39075_9220.N1	DC map used
GOM_TRA_1PNPDE20090820_215432_000000512081_00444_39075_9221.N1	DC map used
GOM_TRA_1PNPDE20090820_215737_000000432081_00444_39075_9222.N1	DC map used
GOM_TRA_1PNPDE20090820_220053_000000562081_00444_39075_9223.N1	DC map used
GOM_TRA_1PNPDE20090820_220323_000000522081_00444_39075_9224.N1	DC map used
GOM_TRA_1PNPDE20090820_220730_000000632081_00444_39075_9225.N1	DC map used
GOM_TRA_1PNPDE20090820_220857_000000592081_00444_39075_9226.N1	DC map used

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



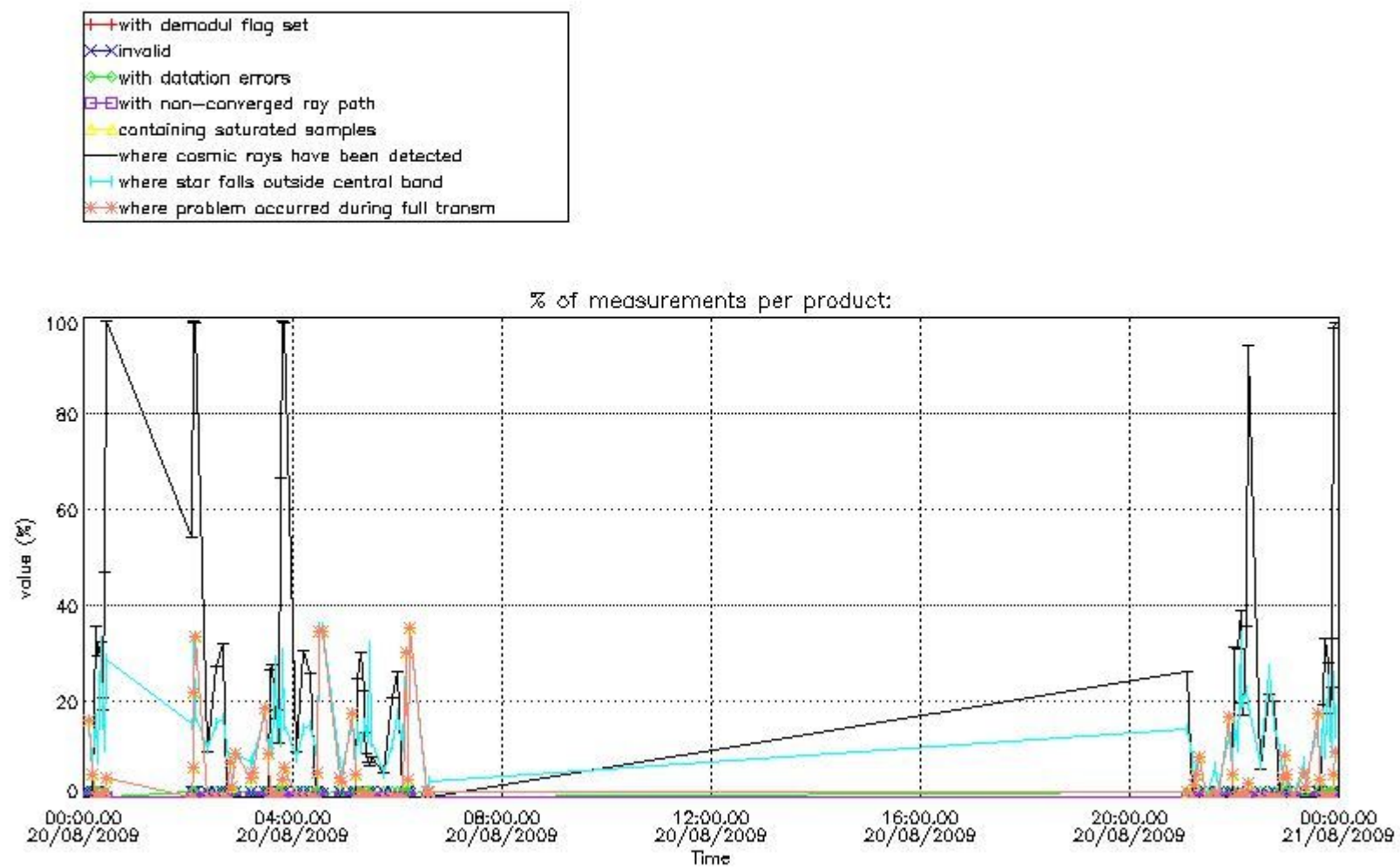
5. Demodulation flag and quality information monitoring

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.

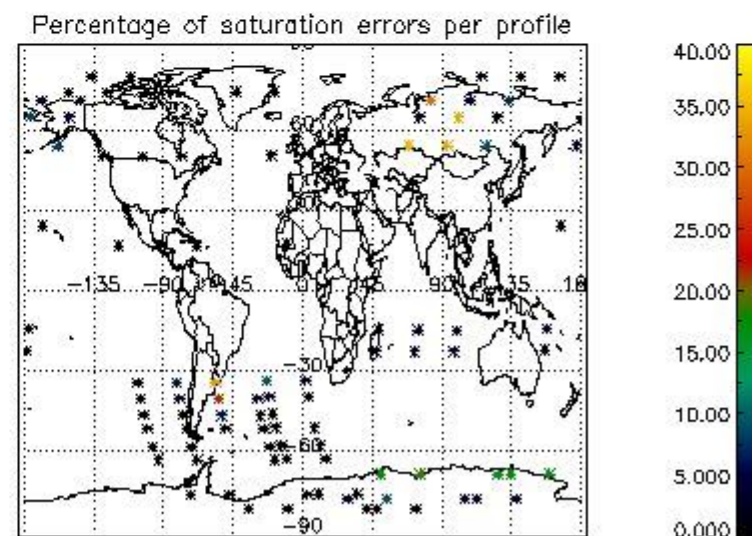
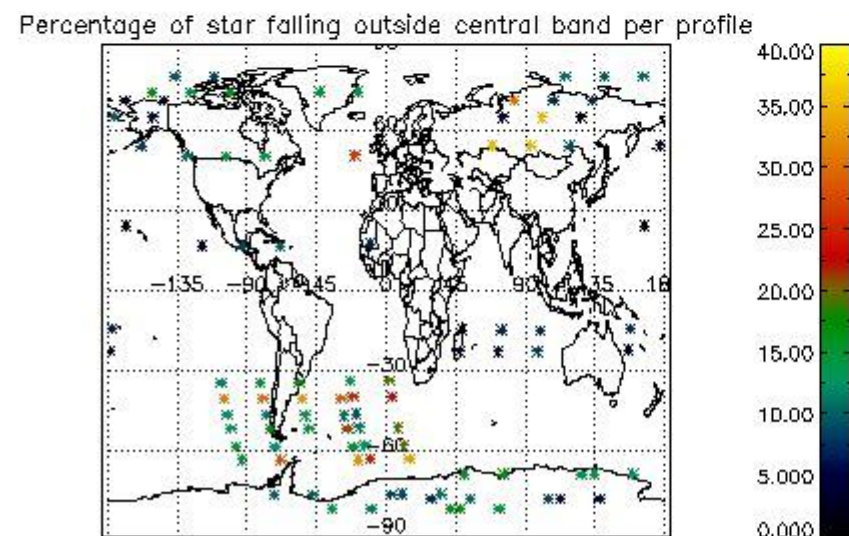
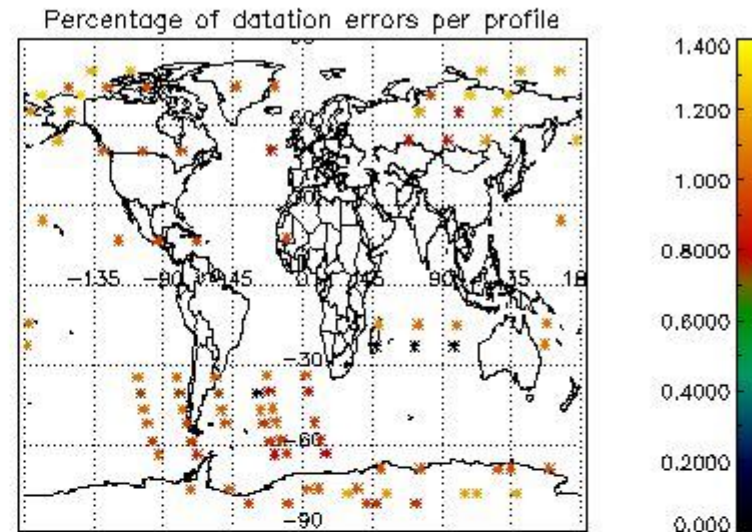
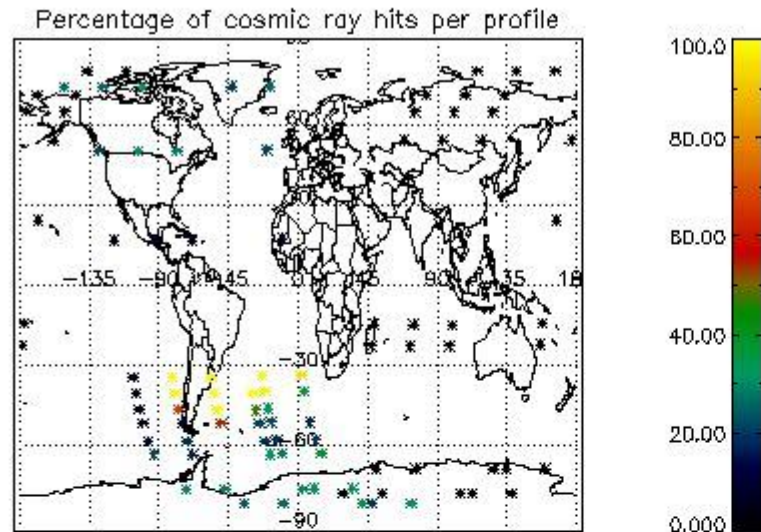
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	39.1753 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



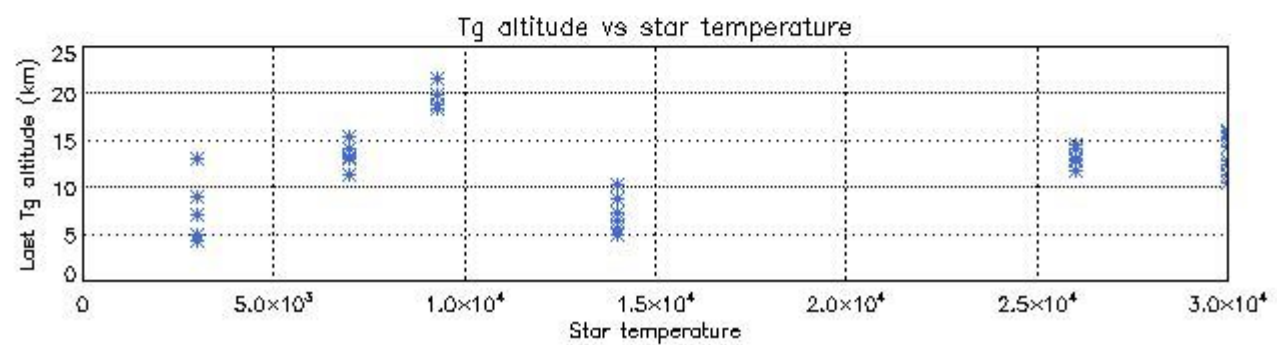
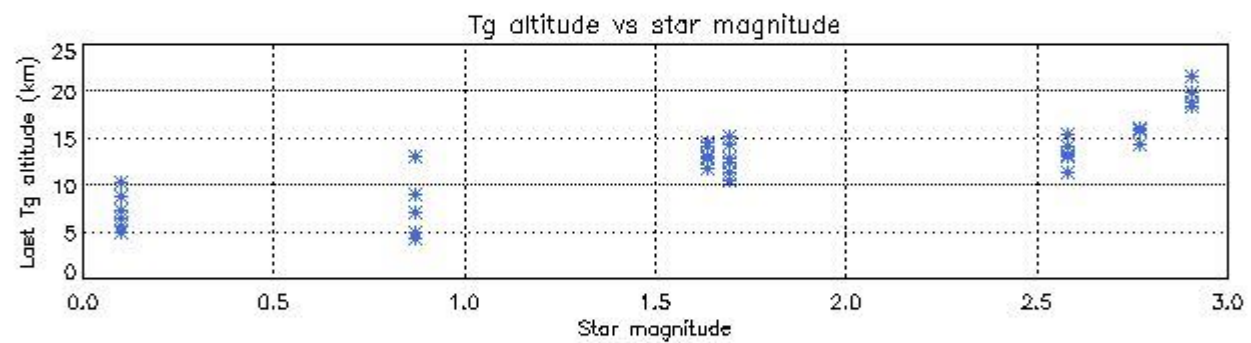
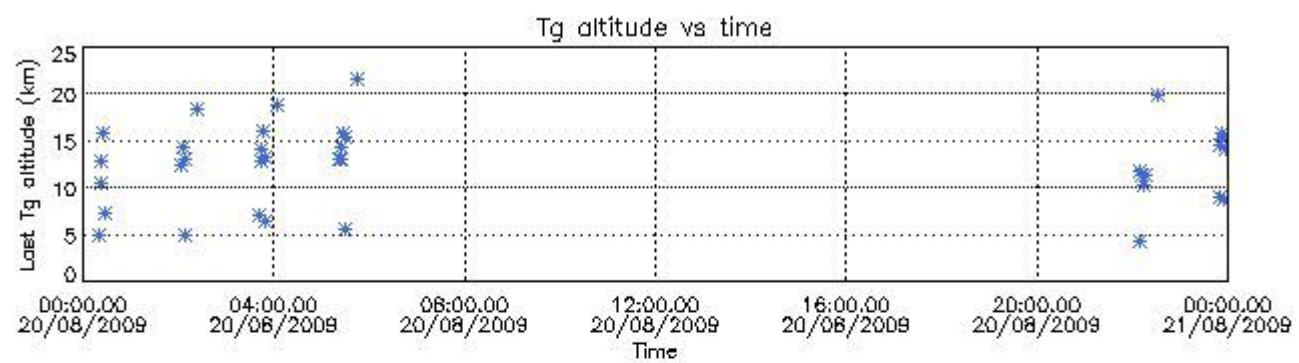
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.425	18.180	NaN
St. deviation:	4.2990	5.6601	NaN
Maximum:	21.484	28.890	NaN
Minimum:	4.2746	3.8858	NaN
Number of data:	36.000	42.000	NaN

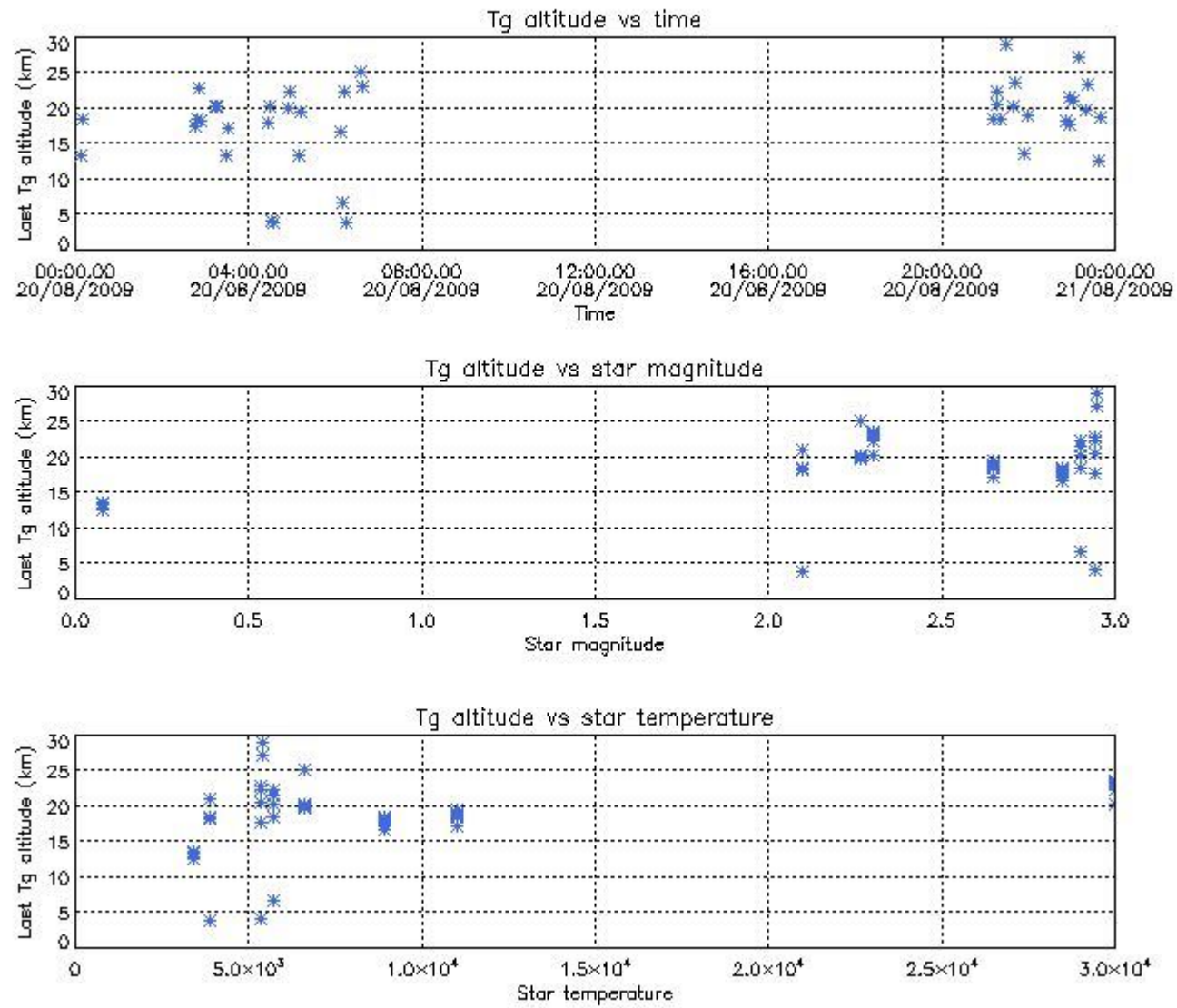
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

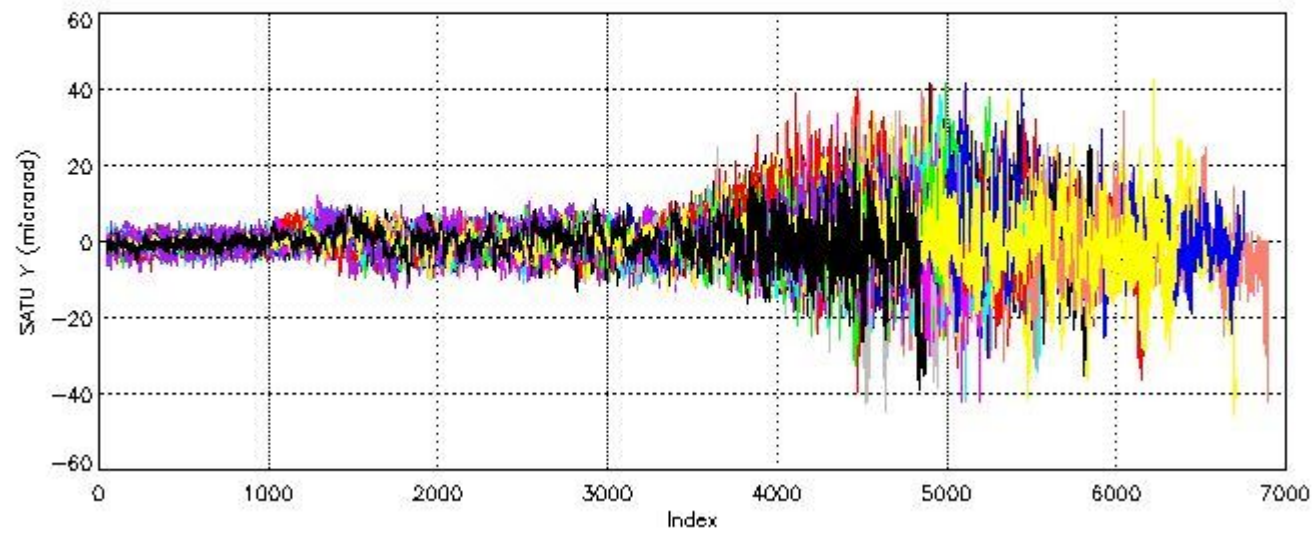
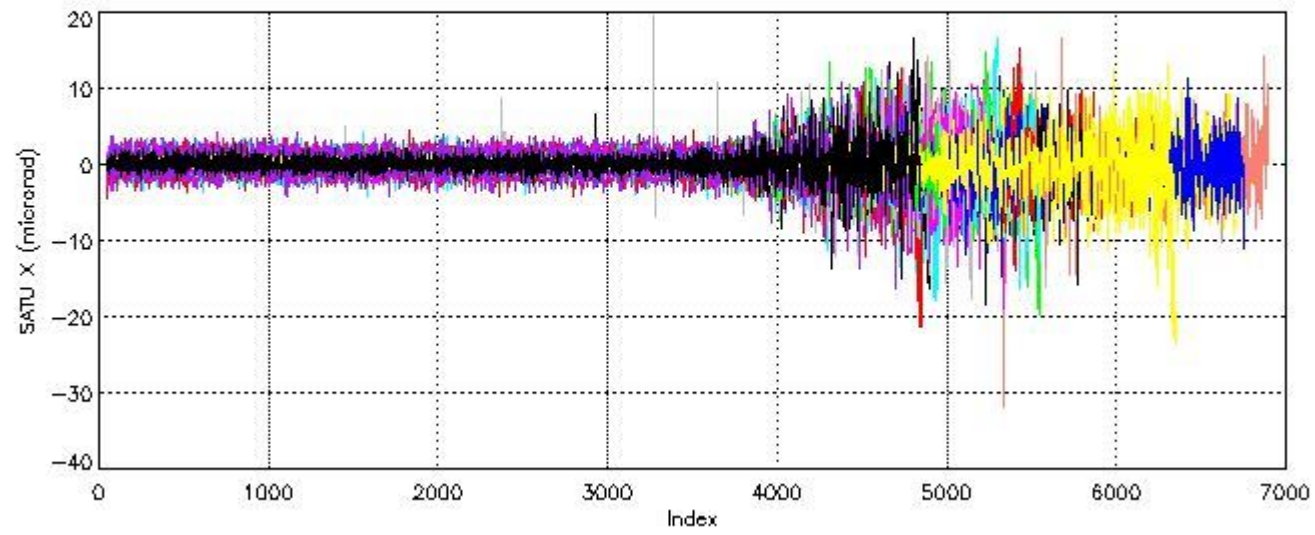


7. Star Acquisition and Tracking Unit (SATU)

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:	0.22098	-0.41238	0.25887	-0.50331
St. deviation:	0.57108	1.3643	0.74914	1.6338
Maximum:	4.1000	6.4000	4.3000	12.500
Minimum:	-4.4000	-8.1000	-4.4000	-9.0000

Number of data:	40700.	40700.	42750.	42750.
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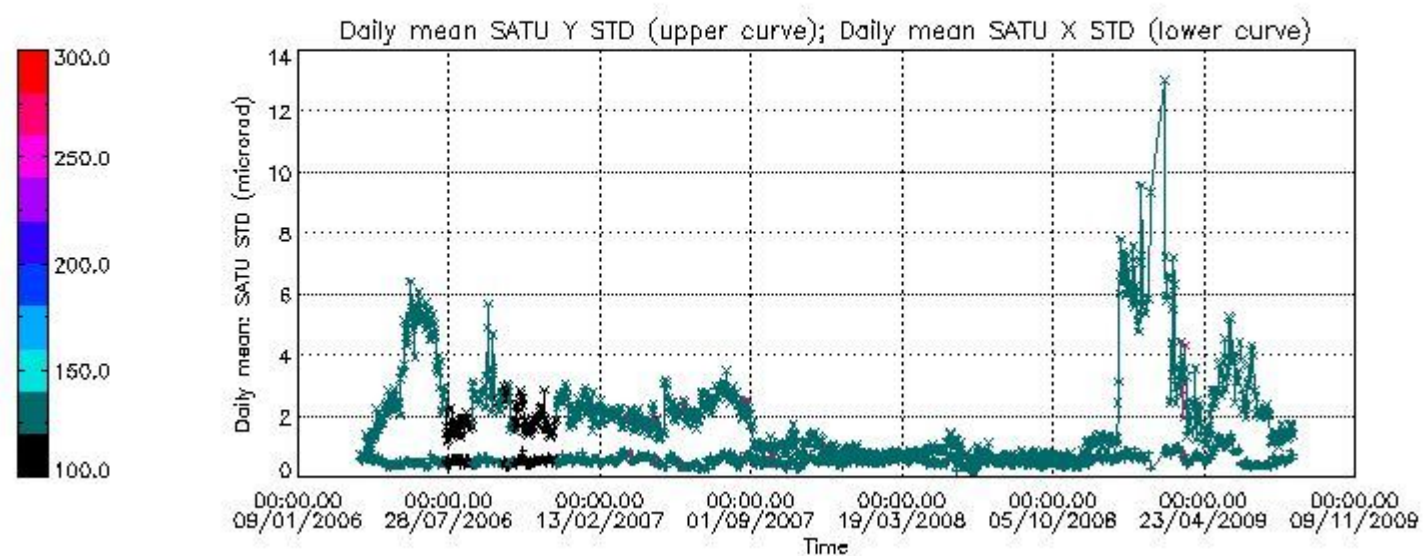
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

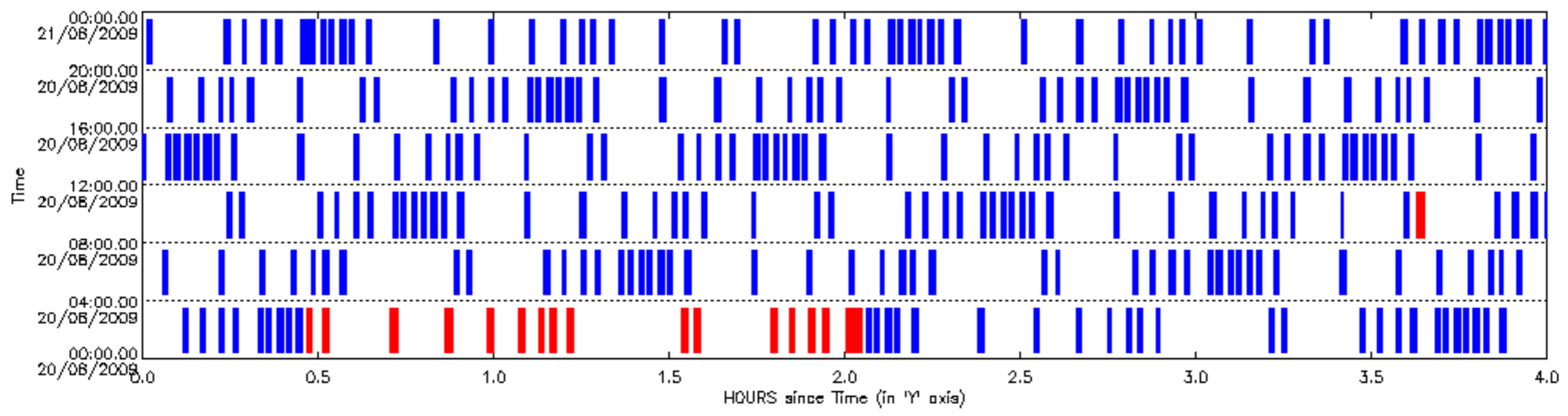
Lower curve: STD of SATU X axis

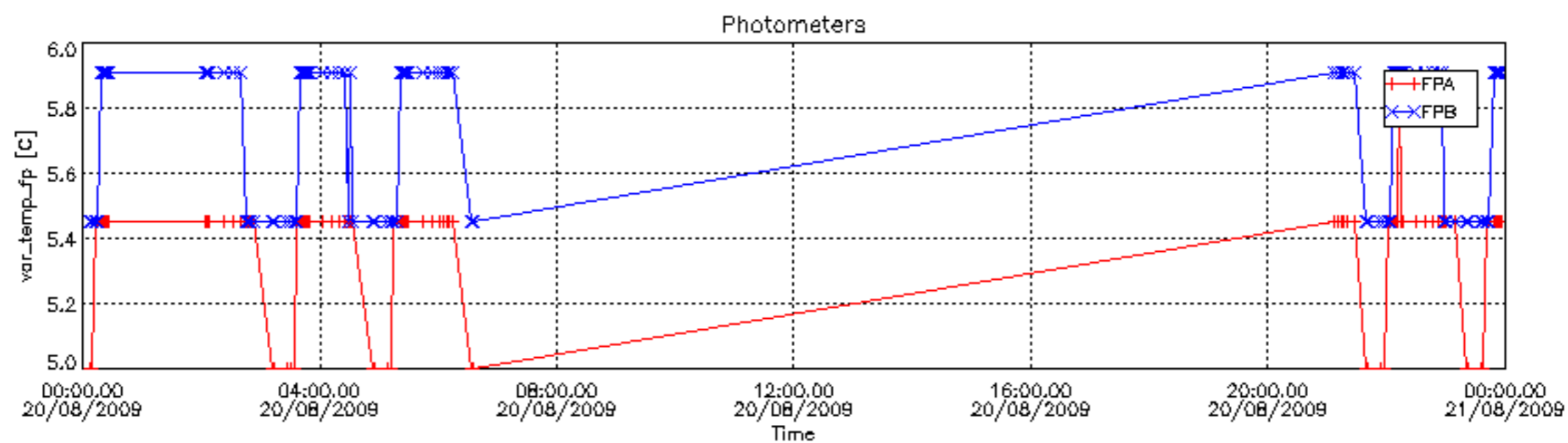
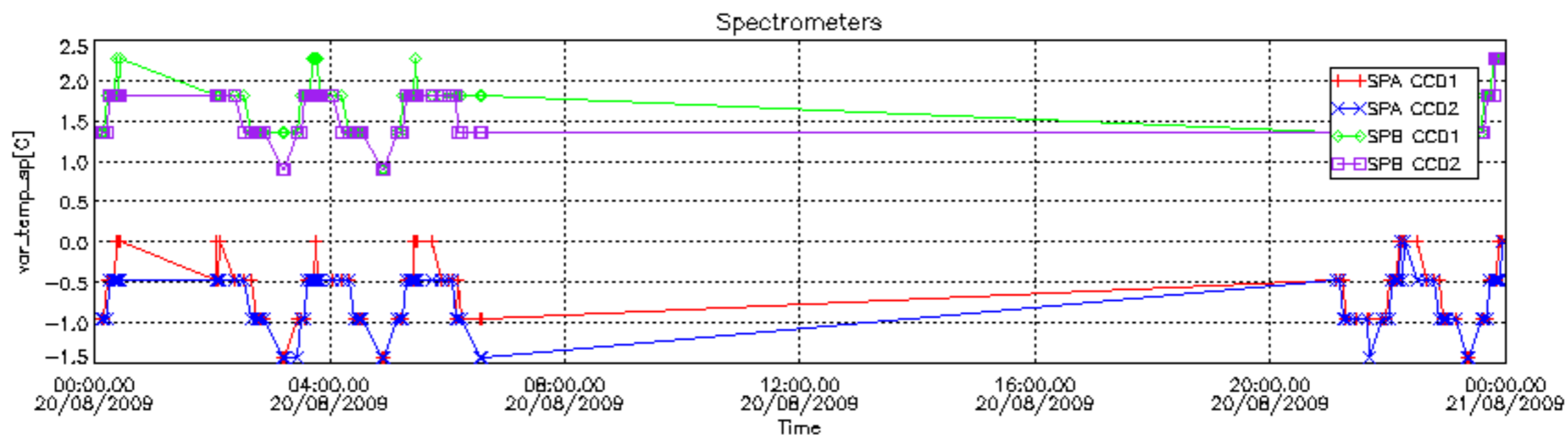


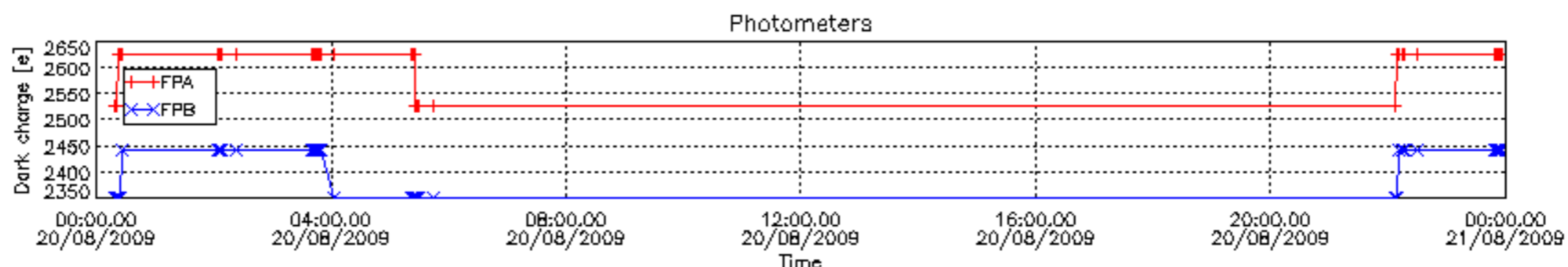
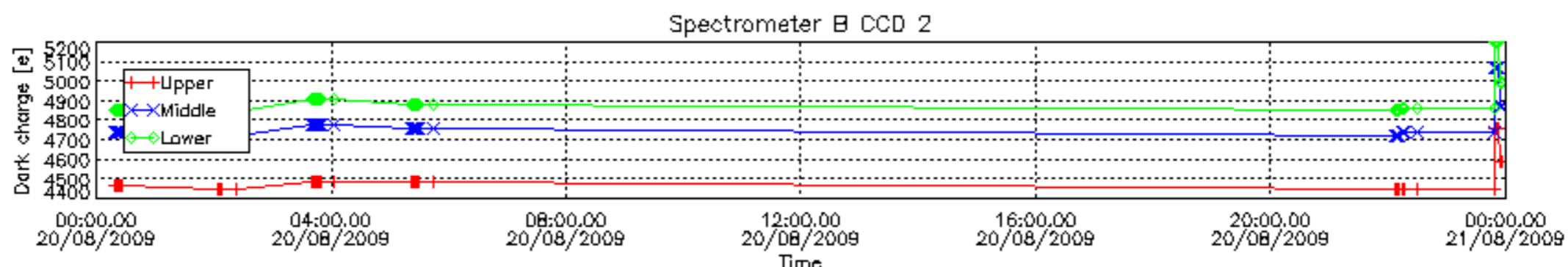
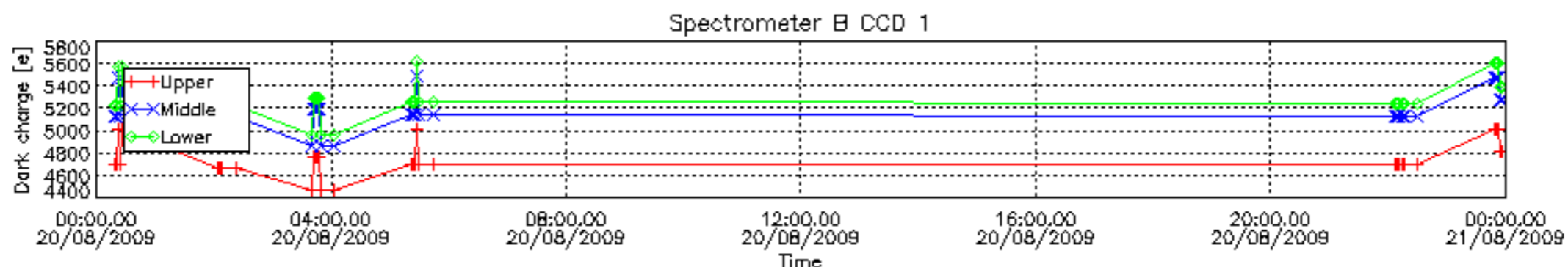
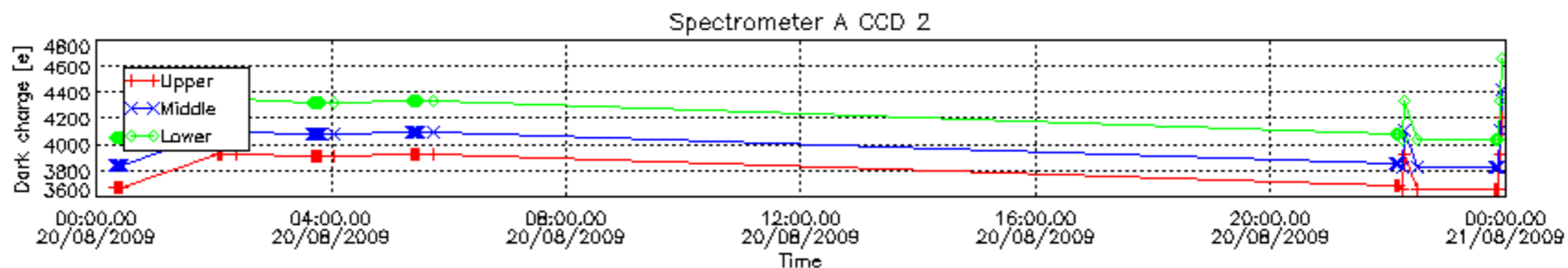
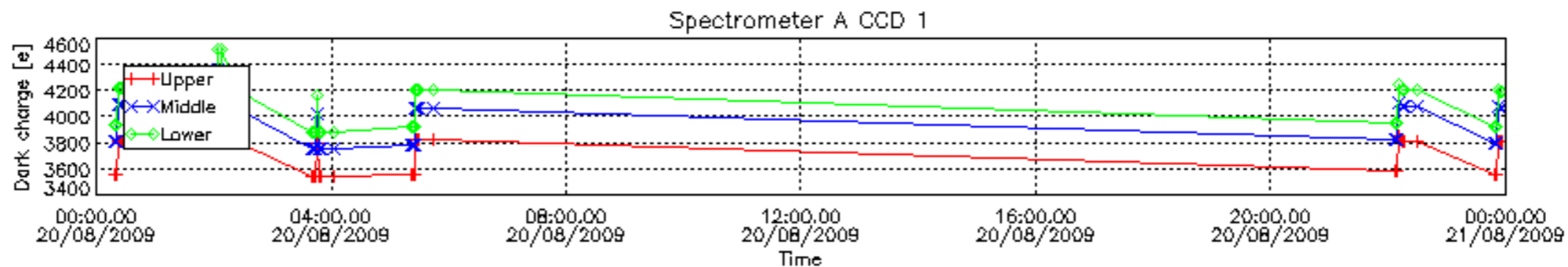
8. Auxiliary Data Files used for the production reported in section 2.4

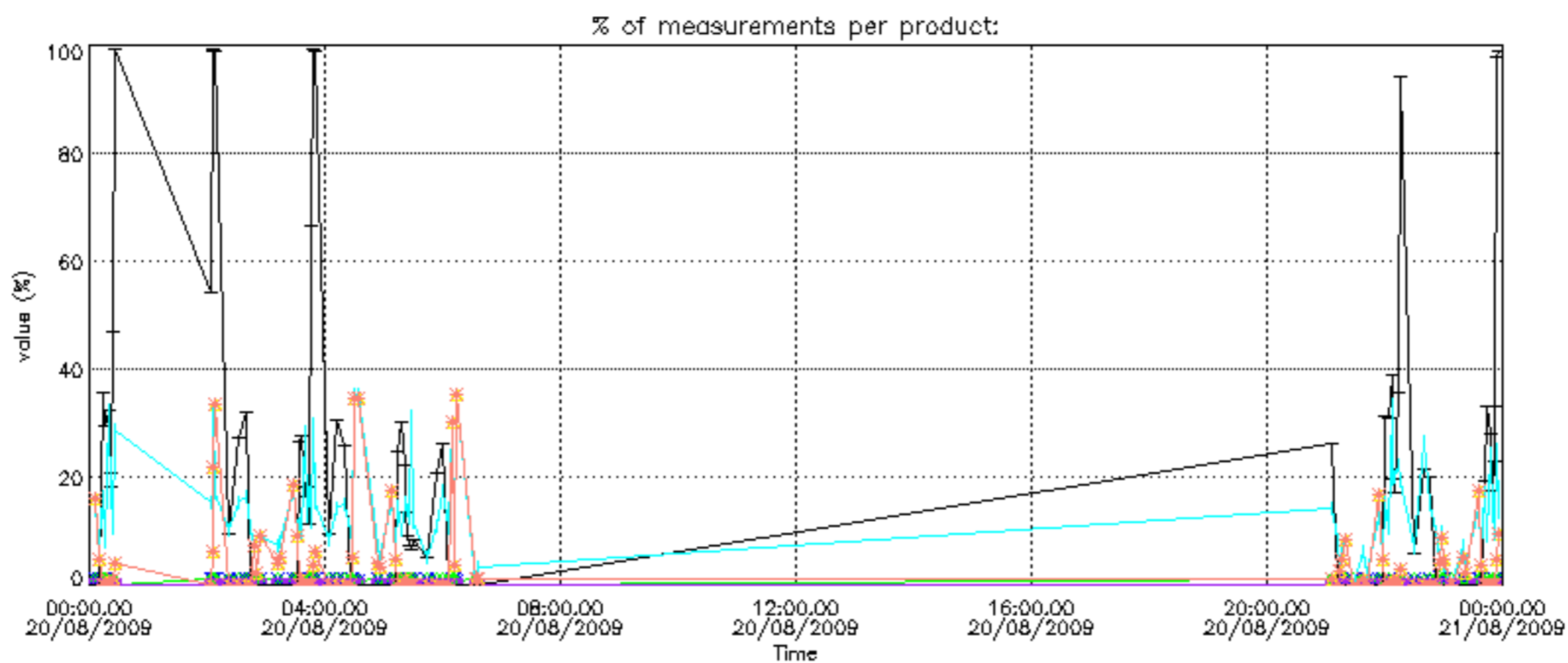
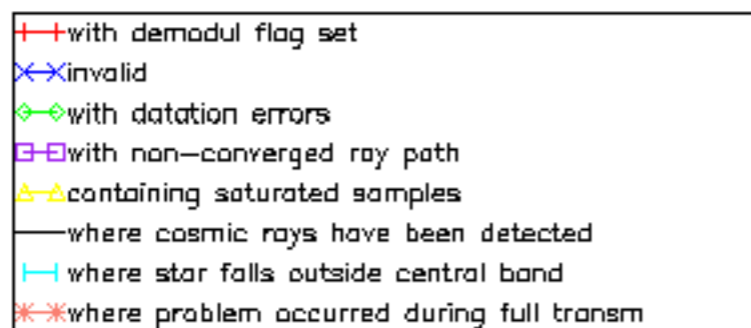
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	20-AUG-2009 00:06:46
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090818_144743_20090816_000000_20100101_000000	1	20-AUG-2009 00:06:46
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	20-AUG-2009 00:06:46
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	20-AUG-2009 00:06:46
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	20-AUG-2009 00:06:46
ECMWF_FILE	AUX_ECF_AXNECM20090819_064111_20090819_150000_20090820_030000	1	20-AUG-2009 00:06:46
ECMWF_FILE	AUX_ECF_AXNECM20090820_110115_20090819_210000_20090820_090000	10	20-AUG-2009 02:03:35
ECMWF_FILE	AUX_ECF_AXNECM20090819_184111_20090820_030000_20090820_150000	23	20-AUG-2009 03:27:57
ECMWF_FILE	AUX_ECF_AXNECM20090820_064111_20090820_210000_20090821_090000	61	20-AUG-2009 21:06:04
OPTIONAL_ECMWF_FILE	MISSING	1	20-AUG-2009 00:06:46
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090819_205757_000060572081_00429_39060_8590.N1	1	20-AUG-2009 00:06:46
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090820_020048_000044632081_00432_39063_8592.N1	10	20-AUG-2009 02:03:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090820_032030_000054192081_00433_39064_8593.N1	42	20-AUG-2009 05:08:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090820_205749_000041442081_00444_39075_8595.N1	61	20-AUG-2009 21:06:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090820_221212_000057382081_00444_39075_8596.N1	97	20-AUG-2009 23:54:45

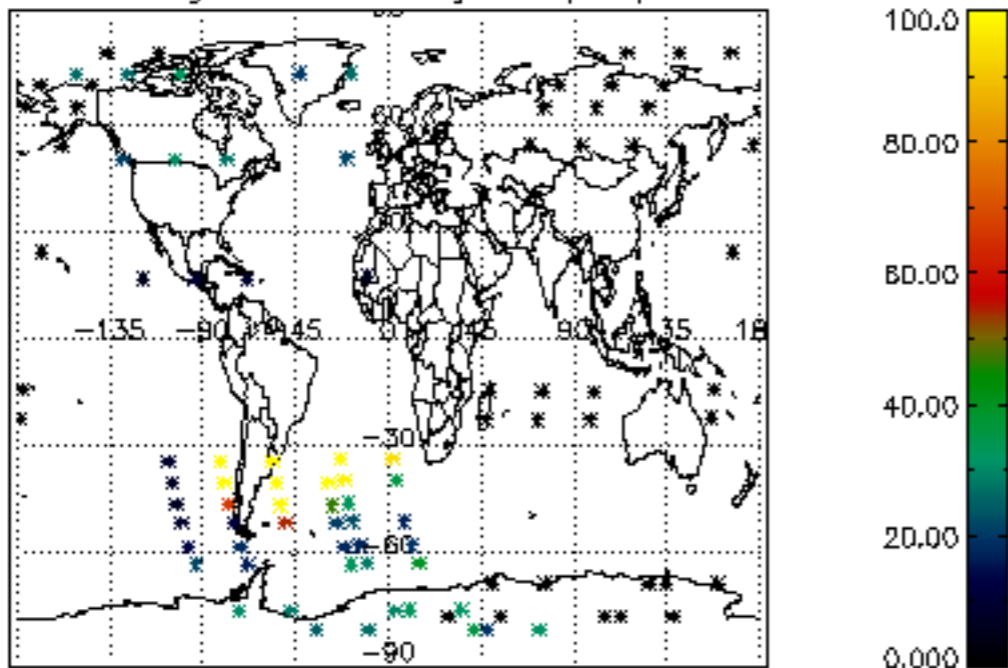




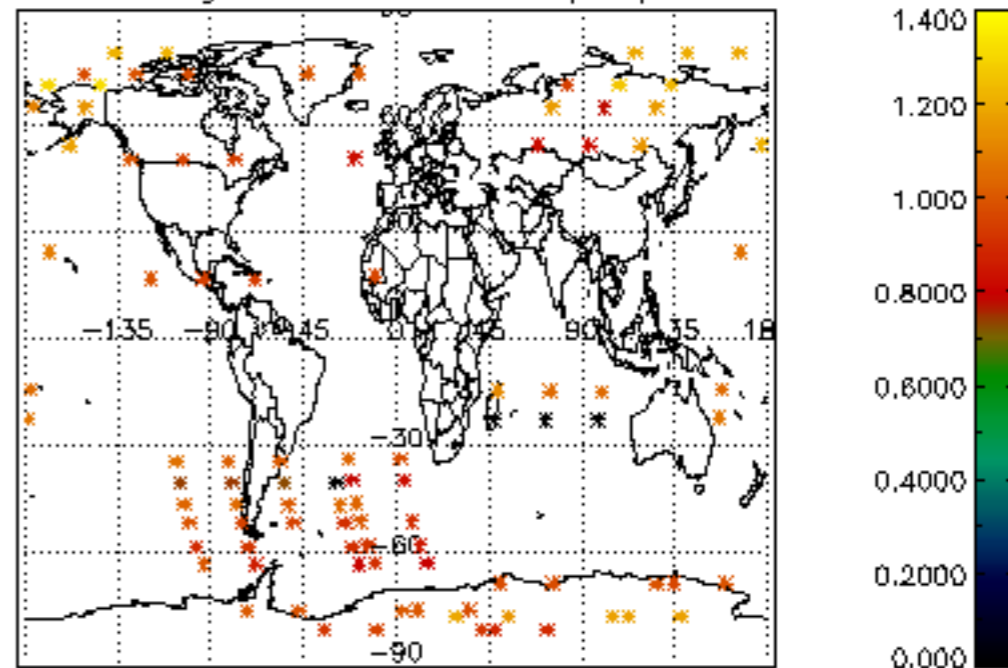




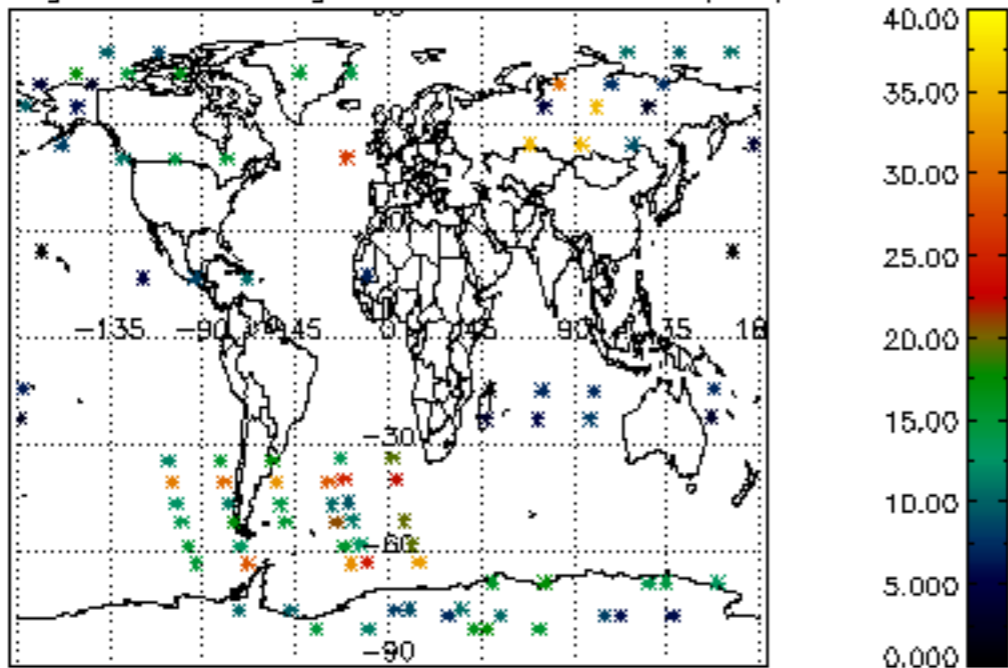
Percentage of cosmic ray hits per profile



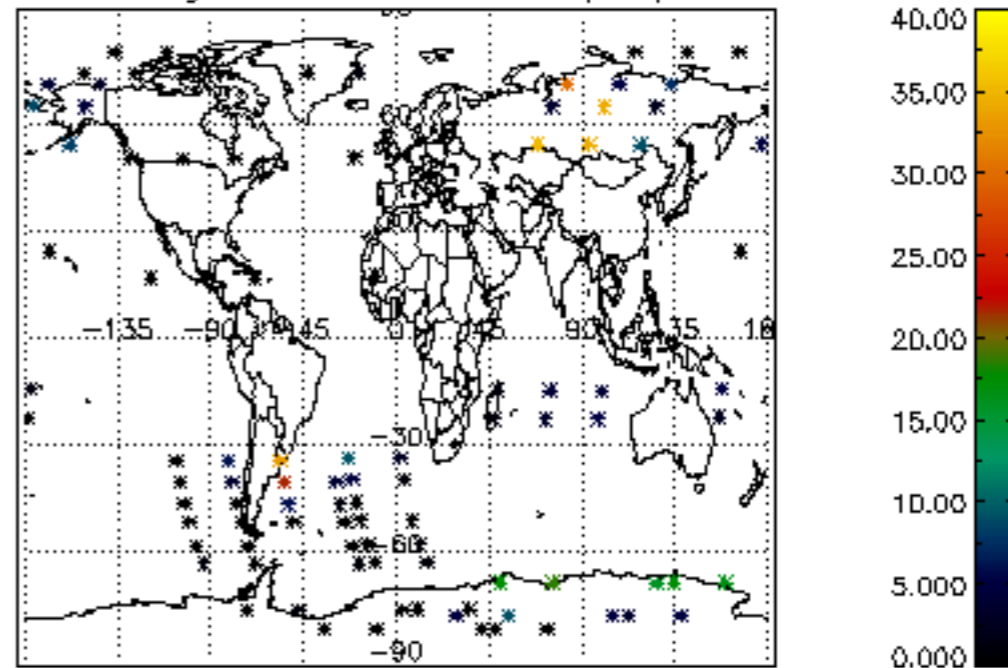
Percentage of datation errors per profile



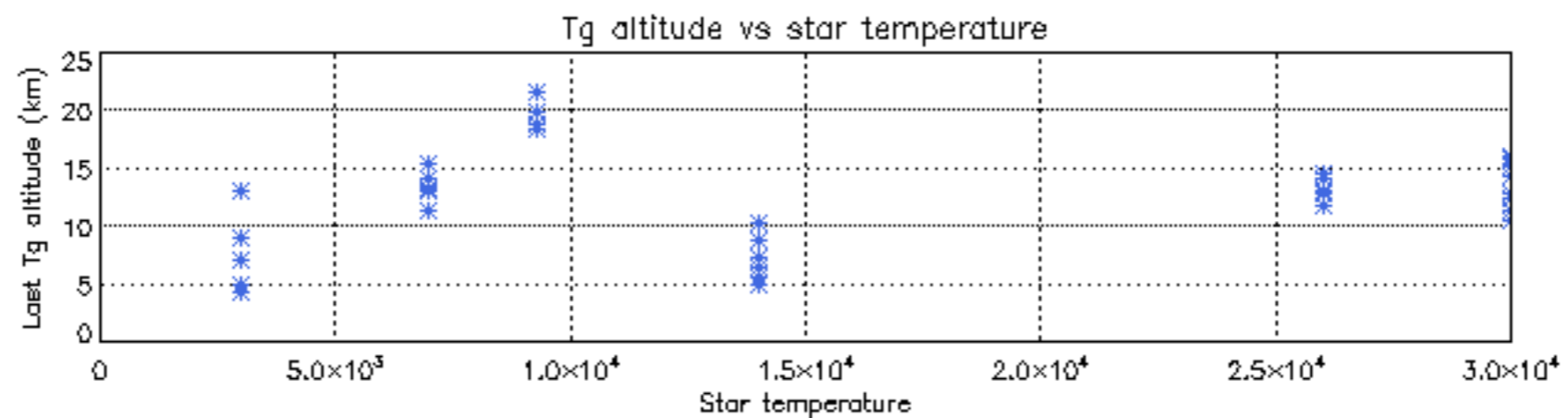
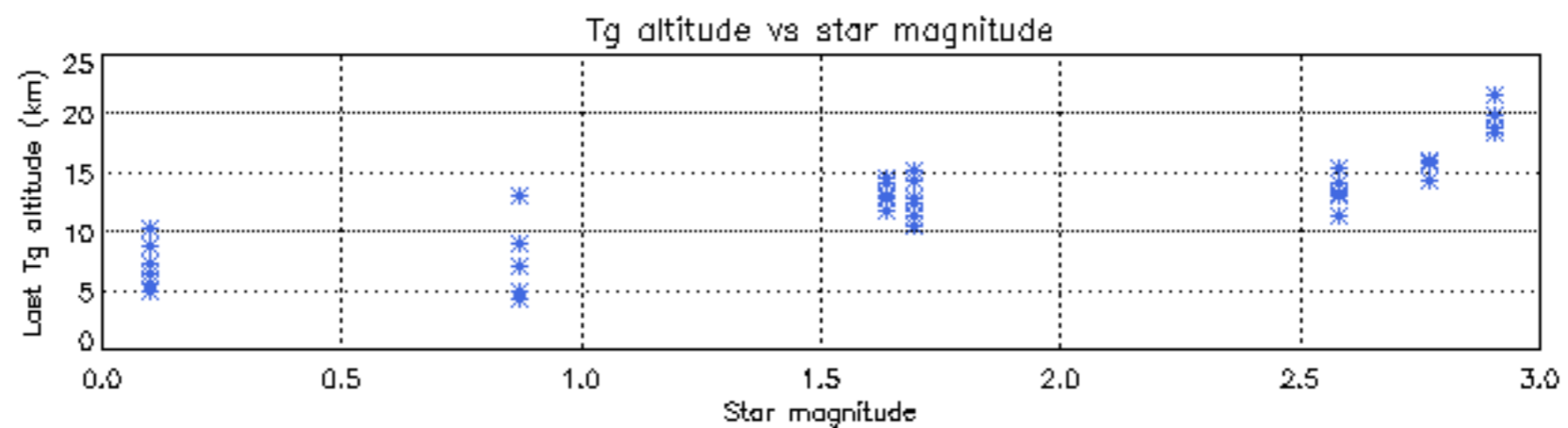
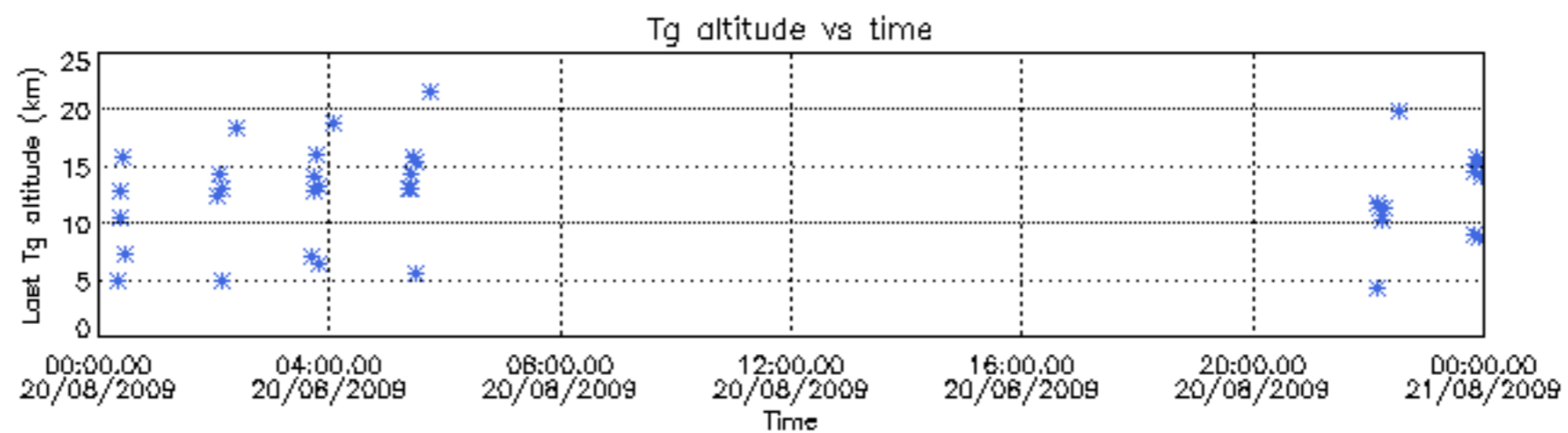
Percentage of star falling outside central band per profile



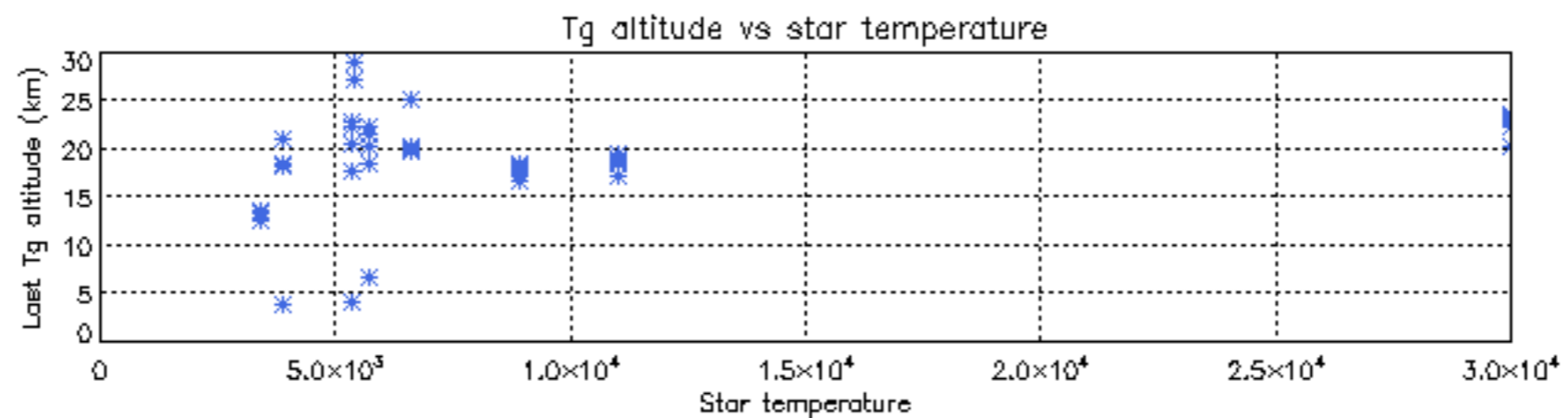
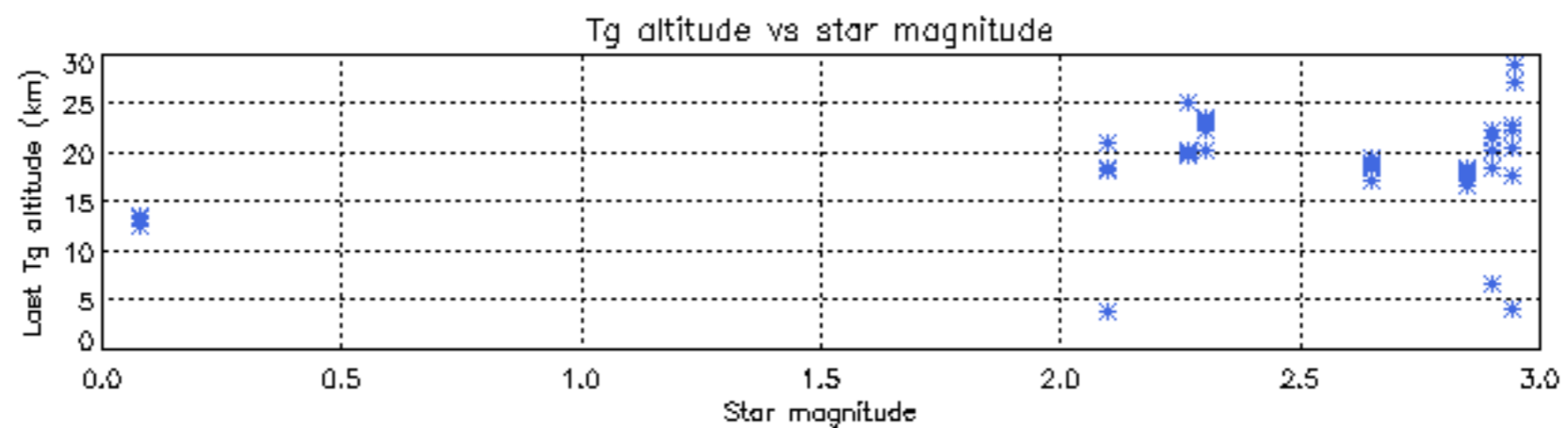
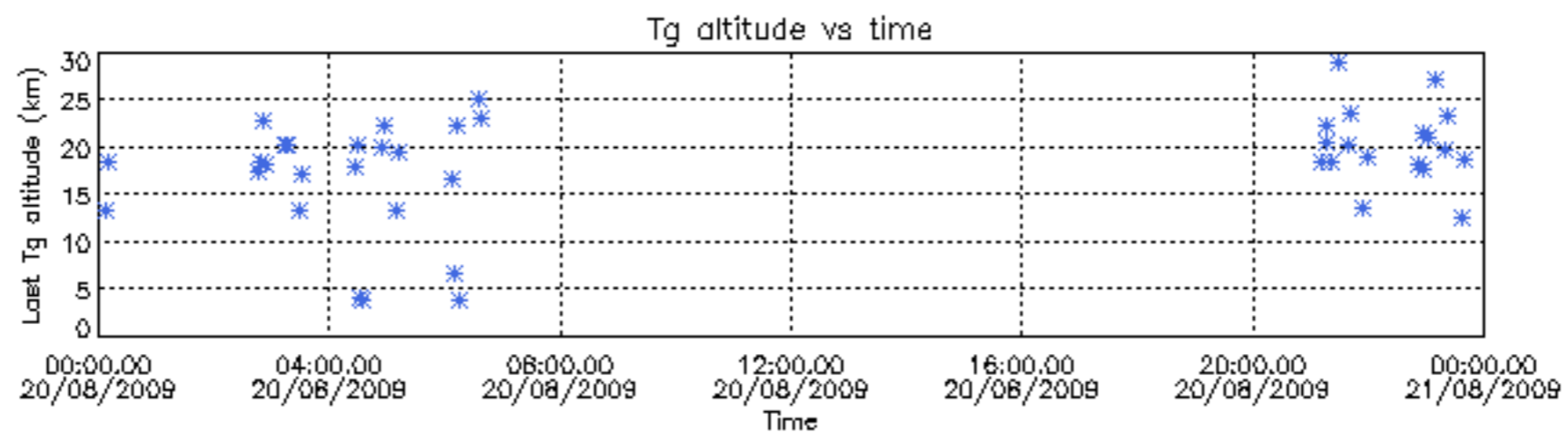
Percentage of saturation errors per profile

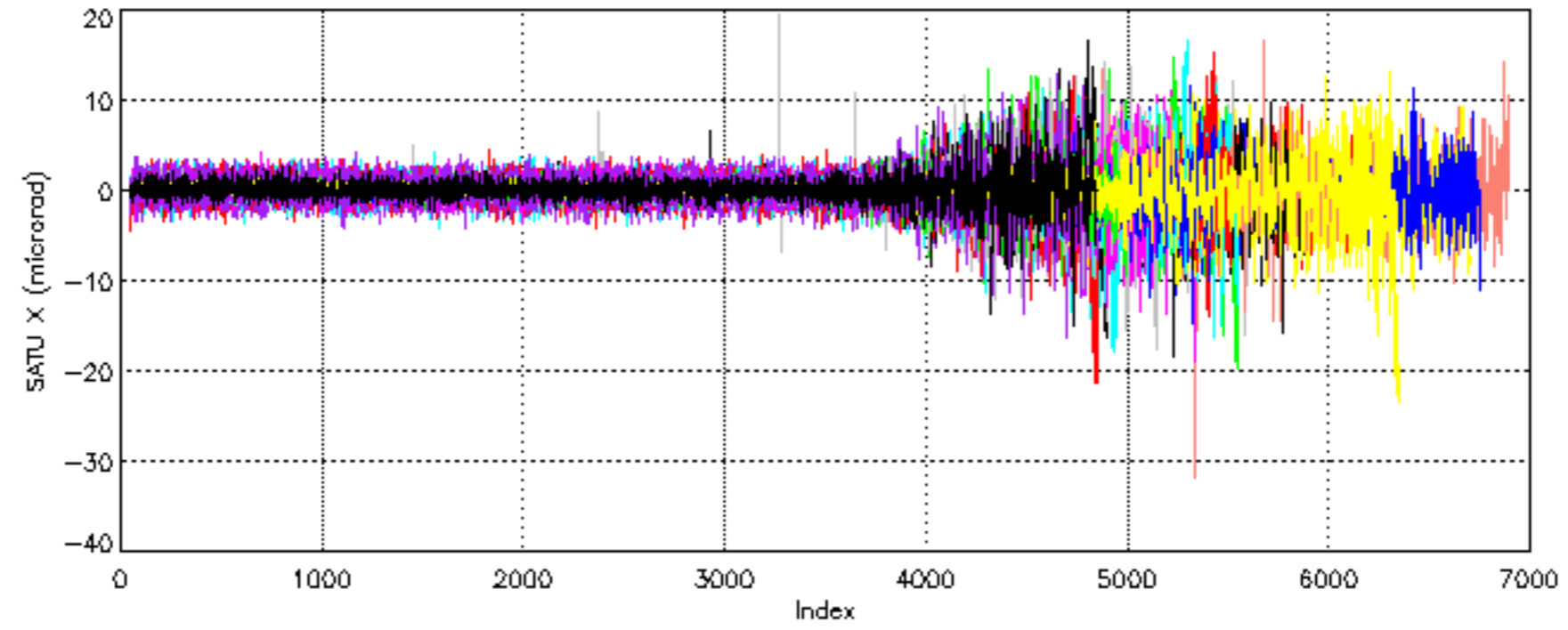


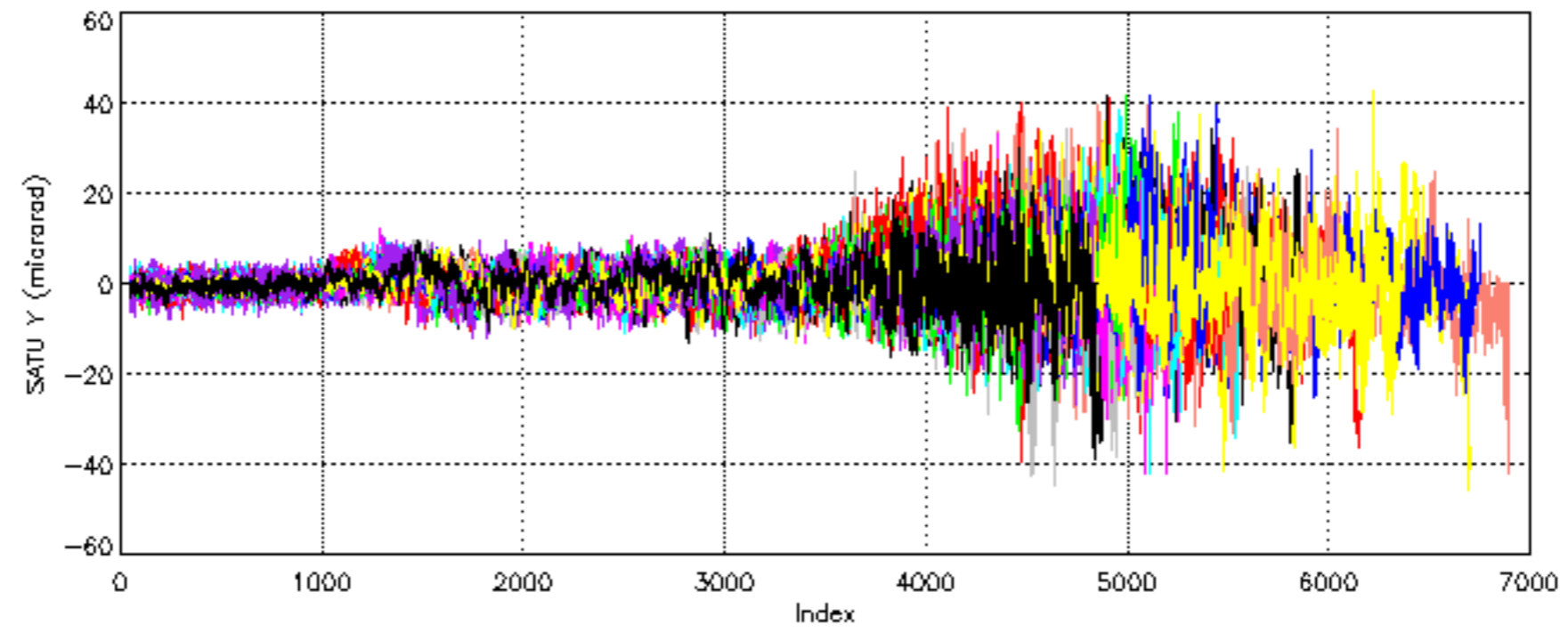
Tangent altitude at which the star is lost

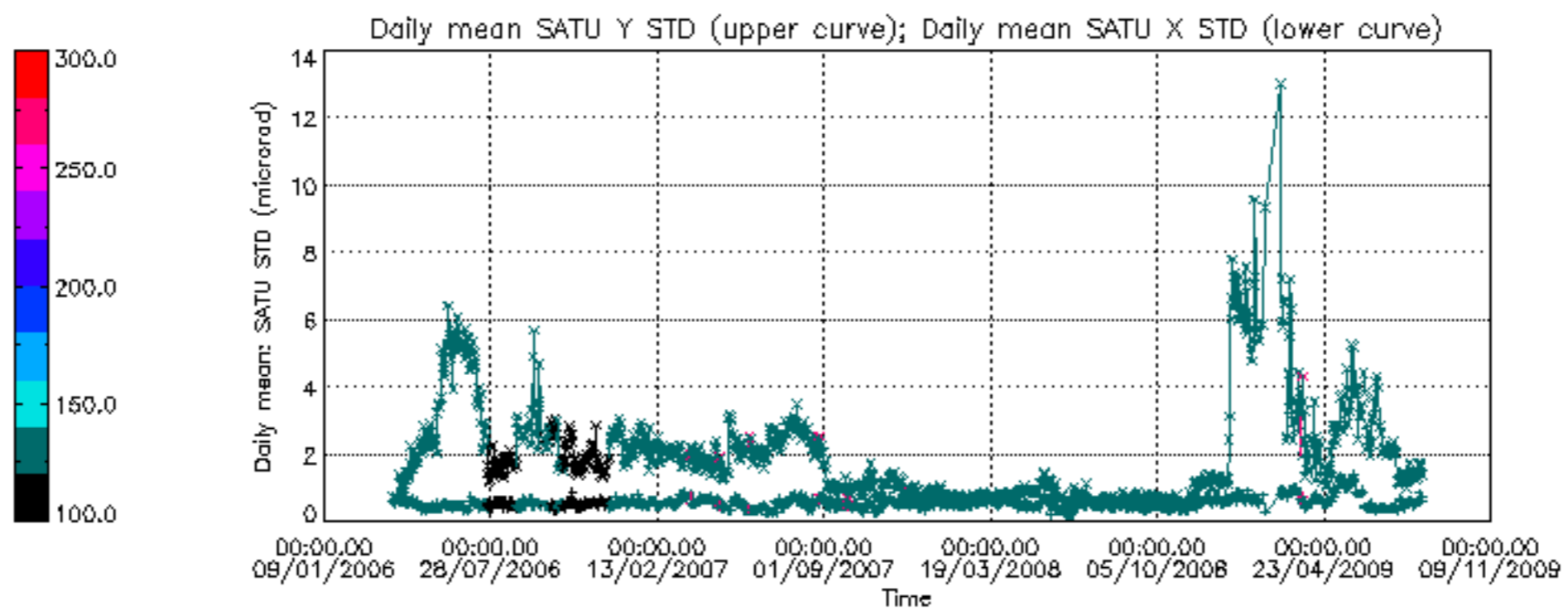


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20090801_002250_000055632081_00159_38790_8268.N1

1; -711.5; 01-AUG-2009 00:22:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 71;38790
 2; -588.9; 01-AUG-2009 00:24:53; Dark ; 55.5; 165; 34Gam Eri ; 2.95; 3200;occ; 111; 0;38790
 3; -23.8; 01-AUG-2009 00:34:18; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38790
 4; 593.0; 01-AUG-2009 00:44:35; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38791
 5; 919.4; 01-AUG-2009 00:50:01; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38791
 6; 1107.9; 01-AUG-2009 00:53:10; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;38791
 7; 1570.1; 01-AUG-2009 01:00:52; Bright; 53.0; 142; 49Del Cap ; 2.85; 8900;occ; 106; 0;38791
 8; 1823.7; 01-AUG-2009 01:05:06; Bright; 54.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 108; 0;38791
 9; 2579.6; 01-AUG-2009 01:17:41; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38791
 10; 2766.4; 01-AUG-2009 01:20:48; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;38791
 11; 3090.9; 01-AUG-2009 01:26:13; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38791
 12; 3478.8; 01-AUG-2009 01:32:41; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38791
 13; 3596.5; 01-AUG-2009 01:34:38; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38791
 14; 3979.2; 01-AUG-2009 01:41:01; Bright; 46.5; 160; 23Gam Per ; 2.93; 4700;occ; 93; 0;38791
 15; 4078.5; 01-AUG-2009 01:42:40; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;38791
 16; 4315.6; 01-AUG-2009 01:46:37; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;38791
 17; 4501.5; 01-AUG-2009 01:49:43; Dark ; 54.5; 150; 44Zet Per ; 2.89; 28000;occ; 109; 0;38791
 18; 4789.6; 01-AUG-2009 01:54:32; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38791

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20090801_020252_000043462081_00160_38791_8269.N1

1; -746.0; 01-AUG-2009 02:02:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38791
 2; -588.1; 01-AUG-2009 02:05:30; Dark ; 58.0; 165; 34Gam Eri ; 2.95; 3200;occ; 116; 0;38791
 3; -22.9; 01-AUG-2009 02:14:55; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;38791
 4; 594.1; 01-AUG-2009 02:25:12; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38792
 5; 919.9; 01-AUG-2009 02:30:38; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38792
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8; 1811.3; 06-AUG-2009 00:07:24; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;38862
9; 2546.2; 06-AUG-2009 00:19:39; Bright; 60.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 120; 0;38862
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2; 1579.7; 07-AUG-2009 21:19:43; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38889
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14; 4309.5; 07-AUG-2009 22:05:13; Bright; 52.0; 149; 45Eps Per ; 2.89; 30000;occ; 104; 0;38889
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6; 1195.1; 07-AUG-2009 22:53:54; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;38890
7; 1579.6; 07-AUG-2009 23:00:19; Bright; 67.0; 142; 49Del Cap ; 2.85; 8900;occ; 134; 0;38890
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7; 3406.2; 07-AUG-2009 08:25:22; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38881
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10; 4050.2; 07-AUG-2009 08:36:06; Bright; 73.0; 35; 33Alp Per ; 1.79; 6250;occ; 146; 0;38881
11; 4200.5; 07-AUG-2009 08:38:36; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38881
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 17; 5545.9; 07-AUG-2009 10:41:38; Dark ; 63.5; 165; 34Gam Eri ; 2.95; 3200;occ; 127; 0;38882
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 9; 3941.6; 07-AUG-2009 11:55:29; Bright; 73.0; 160; 23Gam Per ; 2.93; 4700;occ; 146; 0;38883
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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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 19; 6106.7; 07-AUG-2009 12:31:34; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;38883
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 5; 2620.8; 07-AUG-2009 13:14:04; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;38884
 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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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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9; 1806.3; 08-AUG-2009 22:32:28; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38904
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18; 6121.8; 08-AUG-2009 12:00:12; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38897
19; 6738.1; 08-AUG-2009 12:10:29; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38897
20; 6946.9; 08-AUG-2009 12:13:57; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;38897
21; 7235.7; 08-AUG-2009 12:18:46; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;38897
22; 7616.4; 08-AUG-2009 12:25:07; Bright; 30.5; 142; 49Del Cap ; 2.85; 8900;occ; 61; 0;38897

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2; 1807.0; 08-AUG-2009 12:28:53; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38898
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
7; 3392.4; 08-AUG-2009 12:55:19; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38898
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
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19; 5817.6; 08-AUG-2009 16:56:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38900
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21; 6741.1; 08-AUG-2009 17:12:19; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38900
22; 6948.7; 08-AUG-2009 17:15:47; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;38900
23; 7237.4; 08-AUG-2009 17:20:36; Dark ; 36.0; 18; 24Alp PsA ; 1.17; 9700;occ; 72; 0;38900
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2; 1580.9; 08-AUG-2009 17:26:55; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38901
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
12; 4199.9; 08-AUG-2009 18:10:34; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;38901
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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19; 5569.7; 08-AUG-2009 18:33:24; Dark ; 63.0; 165; 34Gam Eri ; 2.95; 3200;occ; 126; 0;38901
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21; 6126.4; 08-AUG-2009 18:42:41; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38901
22; 6742.1; 08-AUG-2009 18:52:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38901
23; 6949.3; 08-AUG-2009 18:56:24; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;38901
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3; 1806.6; 08-AUG-2009 19:11:17; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38902
4; 2157.5; 08-AUG-2009 19:17:08; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38902
5; 2531.5; 08-AUG-2009 19:23:22; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38902
6; 2722.3; 08-AUG-2009 19:26:33; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38902
7; 3048.2; 08-AUG-2009 19:31:58; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38902
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
14; 4533.7; 08-AUG-2009 19:56:44; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38902
15; 4665.4; 08-AUG-2009 19:58:56; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38902
16; 4839.8; 08-AUG-2009 20:01:50; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38902
17; 4953.3; 08-AUG-2009 20:03:44; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38902
18; 5230.7; 08-AUG-2009 20:08:21; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;38902
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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 3; -214.2; 09-AUG-2009 01:20:00; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38905
 4; 94.8; 09-AUG-2009 01:25:09; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38906
 5; 709.9; 09-AUG-2009 01:35:24; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;38906
 6; 915.3; 09-AUG-2009 01:38:49; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;38906
 7; 1203.9; 09-AUG-2009 01:43:38; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;38906
 8; 1805.9; 09-AUG-2009 01:53:40; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38906
 9; 2155.4; 09-AUG-2009 01:59:29; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38906
 10; 2529.8; 09-AUG-2009 02:05:44; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38906
 11; 2721.2; 09-AUG-2009 02:08:55; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38906
 12; 3046.8; 09-AUG-2009 02:14:21; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38906
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 3;-1836.1; 09-AUG-2009 02:33:34; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;38906
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 6;-1369.2; 09-AUG-2009 02:41:20; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38906
 7;-1194.0; 09-AUG-2009 02:44:16; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38906
 8;-1080.7; 09-AUG-2009 02:46:09; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38906
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 22; 3513.8; 09-AUG-2009 04:02:44; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38907

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 3;-1836.2; 09-AUG-2009 04:14:09; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38907
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 9; -802.2; 09-AUG-2009 04:31:24; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38907
 10; -458.4; 09-AUG-2009 04:37:07; Dark ; 65.0; 165; 34Gam Eri ; 2.95; 3200;occ; 130; 0;38907
 11; -212.5; 09-AUG-2009 04:41:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38907
 12; 96.7; 09-AUG-2009 04:46:22; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38908
 13; 711.7; 09-AUG-2009 04:56:37; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38908
 14; 916.4; 09-AUG-2009 05:00:02; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;38908
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 17; 1806.0; 09-AUG-2009 05:14:52; Bright; 65.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 130; 0;38908
 18; 2154.4; 09-AUG-2009 05:20:40; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38908
 19; 2529.2; 09-AUG-2009 05:26:55; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38908
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 21; 3046.4; 09-AUG-2009 05:35:32; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38908
 22; 3384.4; 09-AUG-2009 05:41:10; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38908
 23; 3513.0; 09-AUG-2009 05:43:19; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38908

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 4;-1728.2; 09-AUG-2009 05:56:33; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;38908

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13; 712.9; 09-AUG-2009 06:37:15; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38909
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19; 2529.0; 09-AUG-2009 07:07:31; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38909
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22; 3383.3; 09-AUG-2009 07:21:45; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38909
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5; 2526.2; 09-AUG-2009 20:32:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38917
6; 2717.5; 09-AUG-2009 20:35:27; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38917
7; 3043.1; 09-AUG-2009 20:40:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38917
8; 3377.0; 09-AUG-2009 20:46:26; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38917
9; 3506.1; 09-AUG-2009 20:48:35; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38917
10; 3925.6; 09-AUG-2009 20:55:35; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38917
11; 4036.5; 09-AUG-2009 20:57:26; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38917
12; 4199.3; 09-AUG-2009 21:00:08; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38917
13; 4306.7; 09-AUG-2009 21:01:56; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38917
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16; 4848.0; 09-AUG-2009 21:10:57; Dark ; 67.5; 13; 87Alp Tau ; 0.87; 3800;occ; 135; 0;38917
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18; 5067.3; 09-AUG-2009 21:14:36; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38917
19; 5240.0; 09-AUG-2009 21:17:29; Dark ; 10.5; 7; 19Bet Ori ; 0.10; 14000;occ; 21; 0;38917
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4; 108.0; 09-AUG-2009 21:32:33; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38918
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7; 1210.3; 09-AUG-2009 21:50:55; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38918
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11; 2525.9; 09-AUG-2009 22:12:51; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38918
12; 2717.4; 09-AUG-2009 22:16:02; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;38918
13; 3042.7; 09-AUG-2009 22:21:28; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38918
14; 3376.2; 09-AUG-2009 22:27:01; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38918
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19; 4306.6; 09-AUG-2009 22:42:32; Bright; 55.0; 149; 45Eps Per ; 2.89; 30000;occ; 110; 0;38918
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21; 4669.6; 09-AUG-2009 22:48:35; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38918
22; 4848.5; 09-AUG-2009 22:51:34; Dark ; 73.0; 13; 87Alp Tau ; 0.87; 3800;occ; 146; 0;38918
23; 4960.6; 09-AUG-2009 22:53:26; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;38918
24; 5067.7; 09-AUG-2009 22:55:13; Dark ; 46.5; 72; 34Del Ori ; 2.25; 30000;occ; 93; 0;38918
25; 5240.5; 09-AUG-2009 22:58:06; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38918
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4; 722.2; 09-AUG-2009 23:23:23; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;38919
5; 922.0; 09-AUG-2009 23:26:43; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;38919
6; 1210.8; 09-AUG-2009 23:31:32; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38919
7; 1582.5; 09-AUG-2009 23:37:43; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38919
8; 1805.0; 09-AUG-2009 23:41:26; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38919
9; 2148.7; 09-AUG-2009 23:47:10; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38919
10; 2525.6; 09-AUG-2009 23:53:26; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38919
11; 2717.0; 09-AUG-2009 23:56:38; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;38919
12; 3042.5; 10-AUG-2009 00:02:03; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38919
13; 3375.3; 10-AUG-2009 00:07:36; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38919
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19; 4536.7; 10-AUG-2009 00:26:58; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38919
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22; 4961.1; 10-AUG-2009 00:34:02; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38919
23; 5068.4; 10-AUG-2009 00:35:49; Dark ; 44.5; 72; 34Del Ori ; 2.25; 30000;occ; 89; 0;38919
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6;-1368.5; 09-AUG-2009 07:43:09; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38909
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15; 1206.2; 09-AUG-2009 08:26:04; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38910
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5; 2719.9; 09-AUG-2009 08:51:18; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38910
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22; 6953.8; 09-AUG-2009 10:01:51; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;38910
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 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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 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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 11; 3918.9; 10-AUG-2009 18:43:15; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38930
 12; 4031.1; 10-AUG-2009 18:45:07; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38930
 13; 4198.6; 10-AUG-2009 18:47:55; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38930
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 16; 4672.8; 10-AUG-2009 18:55:49; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38930
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 19; 5073.9; 10-AUG-2009 19:02:30; Dark ; 43.0; 72; 34Del Ori ; 2.25; 30000;occ; 86; 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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 19; 4673.9; 11-AUG-2009 01:38:14; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38934
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 22; 5083.8; 11-AUG-2009 01:45:04; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38934

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5; 126.9; 11-AUG-2009 02:03:03; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38935
6; 737.1; 11-AUG-2009 02:13:13; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38935
7; 1218.7; 11-AUG-2009 02:21:14; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38935
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11; 2141.1; 11-AUG-2009 02:36:37; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38935
12; 2520.6; 11-AUG-2009 02:42:56; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38935
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16; 3492.8; 11-AUG-2009 02:59:08; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 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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22; 3361.8; 11-AUG-2009 04:37:33; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38936
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6; -1177.3; 11-AUG-2009 05:02:30; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 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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22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
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12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
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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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 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
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18; 5622.6; 11-AUG-2009 11:57:38; Dark ; 66.5; 165; 34Gam Eri ; 2.95; 3200;occ; 133; 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
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11; 4100.2; 11-AUG-2009 13:12:51; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38941
12; 4540.7; 11-AUG-2009 13:20:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38941
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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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
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16; 5256.1; 11-AUG-2009 15:12:43; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;38942
17; 5625.5; 11-AUG-2009 15:18:53; Dark ; 67.0; 165; 34Gam Eri ; 2.95; 3200;occ; 134; 0;38942
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19; 6171.8; 11-AUG-2009 15:27:59; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38942
20; 6780.3; 11-AUG-2009 15:38:07; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;38942
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4; 2137.8; 11-AUG-2009 16:01:21; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38943
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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
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17; 5097.3; 12-AUG-2009 21:20:51; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38960
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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
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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
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22; 5181.6; 12-AUG-2009 23:02:52; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38961
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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
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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
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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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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
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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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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
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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
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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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7; 3347.3; 12-AUG-2009 10:48:06; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38954
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9; 3906.5; 12-AUG-2009 10:57:25; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38954
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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
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23; 7264.6; 12-AUG-2009 11:53:23; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38954
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5; 2514.9; 12-AUG-2009 13:55:25; Bright; 57.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 114; 0;38956
6; 2706.7; 12-AUG-2009 13:58:37; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38956
7; 3030.7; 12-AUG-2009 14:04:01; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38956
8; 3345.9; 12-AUG-2009 14:09:16; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;38956
9; 3477.4; 12-AUG-2009 14:11:27; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38956
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11; 4095.1; 12-AUG-2009 14:21:45; Bright; 75.5; 175; 39Del Per ; 3.01; 19400;occ; 151; 0;38956
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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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 7; 3025.3; 13-AUG-2009 20:14:42; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38974
 8; 3331.4; 13-AUG-2009 20:19:48; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38974
 9; 3463.7; 13-AUG-2009 20:22:01; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38974
 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
 15; 4684.9; 13-AUG-2009 20:42:22; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;38974
 16; 4881.8; 13-AUG-2009 20:45:39; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 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
 18; 4196.0; 13-AUG-2009 22:14:49; Bright; 50.5; 6; 13Alp Aur ; 0.08; 3400;occ; 101; 0;38975
 19; 4364.8; 13-AUG-2009 22:17:38; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;38975
 20; 4547.0; 13-AUG-2009 22:20:40; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38975
 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
5; 1238.3; 13-AUG-2009 23:06:07; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38976
6; 1588.4; 13-AUG-2009 23:11:57; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;38976
7; 1801.0; 13-AUG-2009 23:15:30; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38976
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
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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
14; 3894.2; 13-AUG-2009 23:50:23; Bright; 39.0; 160; 23Gam Per ; 2.93; 4700;occ; 78; 0;38976
15; 4087.7; 13-AUG-2009 23:53:36; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;38976
16; 4195.8; 13-AUG-2009 23:55:25; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 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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21; 4989.8; 14-AUG-2009 00:08:39; Dark ; 51.5; 27; 24Gam Ori ; 1.64; 26000;occ; 103; 0;38976
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
24; 5279.7; 14-AUG-2009 00:13:28; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 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
14; 1234.1; 13-AUG-2009 08:00:40; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38967
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2; 1933.5; 13-AUG-2009 08:12:19; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38967
3; 2127.9; 13-AUG-2009 08:15:33; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38967
4; 2511.9; 13-AUG-2009 08:21:57; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38967
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
9; 4091.2; 13-AUG-2009 08:48:17; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38967
10; 4364.1; 13-AUG-2009 08:52:50; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;38967
11; 4545.5; 13-AUG-2009 08:55:51; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38967
12; 4683.0; 13-AUG-2009 08:58:08; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38967
13; 4877.4; 13-AUG-2009 09:01:23; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38967
14; 4985.0; 13-AUG-2009 09:03:10; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38967
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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7; 3468.3; 13-AUG-2009 10:18:30; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38968
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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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12; 4545.6; 13-AUG-2009 10:36:27; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38968
13; 4683.4; 13-AUG-2009 10:38:45; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38968
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18; 5273.9; 13-AUG-2009 10:48:35; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;38968
19; 5877.4; 13-AUG-2009 10:58:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38968
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21; 6803.8; 13-AUG-2009 11:14:05; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38968
22; 7271.0; 13-AUG-2009 11:21:52; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38968
23; 7623.6; 13-AUG-2009 11:27:45; Bright; 61.5; 142; 49Del Cap ; 2.85; 8900;occ; 123; 0;38968

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8; 3467.5; 13-AUG-2009 11:59:05; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38969
9; 3898.0; 13-AUG-2009 12:06:15; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38969
10; 4090.4; 13-AUG-2009 12:09:28; Bright; 53.0; 175; 39Del Per ; 3.01; 19400;occ; 106; 0;38969
11; 4196.4; 13-AUG-2009 12:11:14; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38969
12; 4364.2; 13-AUG-2009 12:14:01; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;38969
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14; 4683.6; 13-AUG-2009 12:19:21; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38969
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22; 6804.7; 13-AUG-2009 12:54:42; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;38969
23; 7271.5; 13-AUG-2009 13:02:29; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38969
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13; 4367.0; 16-AUG-2009 00:35:38; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39005
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12; 1246.7; 15-AUG-2009 06:57:38; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38995
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17; 7283.3; 15-AUG-2009 08:38:15; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;38995
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13; 1258.6; 17-AUG-2009 05:54:36; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;39023
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18; 3293.1; 17-AUG-2009 06:28:30; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39023
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9; 4191.0; 17-AUG-2009 21:48:52; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;39032
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14; 3501.5; 17-AUG-2009 23:17:58; Bright; 61.0; 110; 37Del Cas ; 2.68; 8900;occ; 122; 0;39033
15; 4190.8; 17-AUG-2009 23:29:27; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;39033
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12; 3375.0; 18-AUG-2009 00:56:28; Bright; 29.0; 68; 18Alp Cas ; 2.22; 4500;occ; 58; 0;39034
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11; 230.1; 17-AUG-2009 07:18:03; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39024
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13; 1259.0; 17-AUG-2009 07:35:12; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39024
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 3; 2108.7; 17-AUG-2009 07:49:22; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;39024
 4; 3292.4; 17-AUG-2009 08:09:06; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39024
 5; 3426.2; 17-AUG-2009 08:11:19; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39024
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 7; 4368.3; 17-AUG-2009 08:27:02; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39024
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 2; 2091.3; 22-AUG-2009 10:12:47; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39097
 3; 2588.3; 22-AUG-2009 10:21:04; Bright; 50.0; 164; 44Eta Peg ; 2.95; 5400;occ; 100; 0;39097
 4; 3237.6; 22-AUG-2009 10:31:53; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;39097
 5; 3371.3; 22-AUG-2009 10:34:07; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;39097
 6; 4183.0; 22-AUG-2009 10:47:39; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39097
 7; 4373.0; 22-AUG-2009 10:50:49; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39097
 8; 4480.2; 22-AUG-2009 10:52:36; Dark ; 31.0; 114; 3Iot Aur ; 2.69; 4600;occ; 62; 0;39097
 9; 4571.9; 22-AUG-2009 10:54:08; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;39097
 10; 4725.7; 22-AUG-2009 10:56:41; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39097
 11; 4976.2; 22-AUG-2009 11:00:52; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39097
 12; 5068.3; 22-AUG-2009 11:02:24; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;39097
 13; 5185.8; 22-AUG-2009 11:04:22; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;39097
 14; 5274.6; 22-AUG-2009 11:05:50; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;39097
 15; 5385.2; 22-AUG-2009 11:07:41; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;39097
 16; 5483.5; 22-AUG-2009 11:09:19; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;39097
 17; 5658.6; 22-AUG-2009 11:12:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39097
 18; 6355.3; 22-AUG-2009 11:23:51; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39097
 19; 6907.9; 22-AUG-2009 11:33:04; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39097
 20; 7322.9; 22-AUG-2009 11:39:59; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39097

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 2; 2091.0; 22-AUG-2009 11:53:23; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39098
 3; 2587.5; 22-AUG-2009 12:01:39; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;39098
 4; 3236.8; 22-AUG-2009 12:12:28; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39098
 5; 3370.4; 22-AUG-2009 12:14:42; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;39098
 6; 4182.8; 22-AUG-2009 12:28:14; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39098
 7; 4373.1; 22-AUG-2009 12:31:25; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;39098
 8; 4572.2; 22-AUG-2009 12:34:44; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;39098
 9; 4726.2; 22-AUG-2009 12:37:18; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39098

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12; 5186.6; 22-AUG-2009 12:44:58; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;39098
13; 5275.1; 22-AUG-2009 12:46:27; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;39098
14; 5386.2; 22-AUG-2009 12:48:18; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;39098
15; 5484.6; 22-AUG-2009 12:49:56; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;39098
16; 5659.5; 22-AUG-2009 12:52:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39098
17; 6356.7; 22-AUG-2009 13:04:28; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39098
18; 6908.9; 22-AUG-2009 13:13:40; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39098
19; 7323.3; 22-AUG-2009 13:20:35; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;39098
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 3; 2586.7; 22-AUG-2009 13:42:14; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;39099
 4; 3236.1; 22-AUG-2009 13:53:04; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;39099
 5; 3369.7; 22-AUG-2009 13:55:17; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39099
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 8; 4572.5; 22-AUG-2009 14:15:20; Dark ; 56.5; 28; 12Bet Tau ; 1.65; 15200;occ; 113; 0;39099
 9; 4726.4; 22-AUG-2009 14:17:54; Dark ; 52.0; 176; 23Zet Tau ; 3.02; 22000;occ; 104; 0;39099
10; 4977.3; 22-AUG-2009 14:22:05; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;39099
11; 5070.0; 22-AUG-2009 14:23:37; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;39099
12; 5187.5; 22-AUG-2009 14:25:35; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;39099
13; 5276.1; 22-AUG-2009 14:27:04; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39099
14; 5387.2; 22-AUG-2009 14:28:55; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39099
15; 5485.5; 22-AUG-2009 14:30:33; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;39099
16; 5660.4; 22-AUG-2009 14:33:28; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39099
17; 6357.9; 22-AUG-2009 14:45:05; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39099
18; 6909.6; 22-AUG-2009 14:54:17; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39099
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 3; 2090.8; 22-AUG-2009 15:14:34; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39100
 4; 2586.0; 22-AUG-2009 15:22:49; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;39100
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 8; 4572.7; 22-AUG-2009 15:55:56; Dark ; 56.5; 28; 12Bet Tau ; 1.65; 15200;occ; 113; 0;39100
 9; 4726.9; 22-AUG-2009 15:58:30; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39100
10; 4977.9; 22-AUG-2009 16:02:41; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;39100
11; 5070.8; 22-AUG-2009 16:04:14; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39100
12; 5188.4; 22-AUG-2009 16:06:12; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39100
13; 5277.2; 22-AUG-2009 16:07:41; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;39100
14; 5388.4; 22-AUG-2009 16:09:32; Dark ; 71.5; 7; 19Bet Ori ; 0.10; 14000;occ; 143; 0;39100
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17; 6359.2; 22-AUG-2009 16:25:43; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39100
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 6; 3368.3; 22-AUG-2009 17:16:28; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;39101
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12; 5071.5; 22-AUG-2009 17:44:51; Dark ; 61.0; 27; 24Gam Ori ; 1.64; 26000;occ; 122; 0;39101
13; 5189.0; 22-AUG-2009 17:46:48; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;39101
14; 5277.9; 22-AUG-2009 17:48:17; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39101
15; 5389.5; 22-AUG-2009 17:50:09; Dark ; 73.0; 7; 19Bet Ori ; 0.10; 14000;occ; 146; 0;39101
16; 5487.1; 22-AUG-2009 17:51:46; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;39101
17; 5662.3; 22-AUG-2009 17:54:42; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39101
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2; 1288.4; 22-AUG-2009 18:22:24; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39102
3; 1905.2; 22-AUG-2009 18:32:41; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;39102
4; 2090.3; 22-AUG-2009 18:35:46; Bright; 59.0; 61; 8Eps Peg ; 2.10; 3900;occ; 118; 0;39102
5; 2584.5; 22-AUG-2009 18:44:00; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;39102
6; 3233.8; 22-AUG-2009 18:54:49; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;39102
7; 3367.5; 22-AUG-2009 18:57:03; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39102
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13; 5072.3; 22-AUG-2009 19:25:28; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;39102
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15; 5278.6; 22-AUG-2009 19:28:54; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39102
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18; 6361.9; 22-AUG-2009 19:46:57; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39102
19; 6911.8; 22-AUG-2009 19:56:07; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39102
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4; -370.1; 23-AUG-2009 00:37:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39105
5; 329.4; 23-AUG-2009 00:48:48; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39106
6; 877.8; 23-AUG-2009 00:57:57; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39106
7; 1289.8; 23-AUG-2009 01:04:49; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39106
8; 1904.5; 23-AUG-2009 01:15:04; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39106
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7; 330.6; 23-AUG-2009 02:29:25; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39107
8; 878.7; 23-AUG-2009 02:38:34; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;39107
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4; 3226.6; 23-AUG-2009 11:40:41; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39112
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 3; 2087.7; 23-AUG-2009 18:04:06; Bright; 58.0; 61; 8Eps Peg ; 2.10; 3900;occ; 116; 0;39116
 4; 2573.7; 23-AUG-2009 18:12:12; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;39116
 5; 3223.7; 23-AUG-2009 18:23:02; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39116
 6; 3357.1; 23-AUG-2009 18:25:15; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;39116
 7; 4180.1; 23-AUG-2009 18:38:58; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;39116
 8; 4374.1; 23-AUG-2009 18:42:12; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39116
 9; 4576.3; 23-AUG-2009 18:45:35; Dark ; 57.5; 28; 12Bet Tau ; 1.65; 15200;occ; 115; 0;39116
10; 4751.6; 23-AUG-2009 18:48:30; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;39116
11; 4987.0; 23-AUG-2009 18:52:25; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;39116
12; 5083.7; 23-AUG-2009 18:54:02; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;39116
13; 5201.0; 23-AUG-2009 18:55:59; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;39116
14; 5290.6; 23-AUG-2009 18:57:29; Dark ; 51.0; 125; 44Iot Ori ; 2.77; 30000;occ; 102; 0;39116
15; 5405.4; 23-AUG-2009 18:59:24; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;39116
16; 5560.2; 23-AUG-2009 19:01:59; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39116
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18; 6378.9; 23-AUG-2009 19:15:37; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39116
19; 6921.8; 23-AUG-2009 19:24:40; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39116
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 3; 2087.4; 23-AUG-2009 19:44:42; Bright; 58.0; 61; 8Eps Peg ; 2.10; 3900;occ; 116; 0;39117
 4; 2573.0; 23-AUG-2009 19:52:47; Bright; 49.0; 164; 44Eta Peg ; 2.95; 5400;occ; 98; 0;39117
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 6; 3356.4; 23-AUG-2009 20:05:51; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39117
 7; 4180.0; 23-AUG-2009 20:19:34; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39117
 8; 4374.0; 23-AUG-2009 20:22:48; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39117
 9; 4576.3; 23-AUG-2009 20:26:11; Dark ; 58.0; 28; 12Bet Tau ; 1.65; 15200;occ; 116; 0;39117
10; 4751.8; 23-AUG-2009 20:29:06; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;39117
11; 4987.3; 23-AUG-2009 20:33:02; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;39117
12; 5084.2; 23-AUG-2009 20:34:39; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39117
13; 5201.7; 23-AUG-2009 20:36:36; Dark ; 56.0; 30; 46Eps Ori ; 1.69; 30000;occ; 112; 0;39117
14; 5291.3; 23-AUG-2009 20:38:06; Dark ; 52.0; 125; 44Iot Ori ; 2.77; 30000;occ; 104; 0;39117
15; 5406.3; 23-AUG-2009 20:40:01; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;39117
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19; 6922.5; 23-AUG-2009 21:05:17; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39117
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 2; 1903.2; 23-AUG-2009 21:22:13; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39118

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 6; 3355.6; 23-AUG-2009 21:46:26; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;39118
 7; 4179.7; 23-AUG-2009 22:00:10; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39118
 8; 4374.2; 23-AUG-2009 22:03:24; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39118
 9; 4652.8; 23-AUG-2009 22:08:03; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;39118
 10; 4752.1; 23-AUG-2009 22:09:42; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39118
 11; 4987.7; 23-AUG-2009 22:13:38; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;39118
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 13; 5202.7; 23-AUG-2009 22:17:13; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;39118

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 5; -358.2; 23-AUG-2009 22:25:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39118
 6; 345.4; 23-AUG-2009 22:36:51; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;39119
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 8; 1294.1; 23-AUG-2009 22:52:40; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39119
 9; 1903.2; 23-AUG-2009 23:02:49; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39119
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 11; 2571.4; 23-AUG-2009 23:13:57; Bright; 65.0; 164; 44Eta Peg ; 2.95; 5400;occ; 130; 0;39119
 12; 3221.3; 23-AUG-2009 23:24:47; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39119
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 14; 4179.7; 23-AUG-2009 23:40:46; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;39119
 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
 18; 4988.3; 23-AUG-2009 23:54:14; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;39119
 19; 5085.9; 23-AUG-2009 23:55:52; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39119
 20; 5203.3; 23-AUG-2009 23:57:49; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;39119
 21; 5293.0; 23-AUG-2009 23:59:19; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39119
 22; 5408.4; 24-AUG-2009 00:01:14; Dark ; 0.0; 7; 19Bet Ori ; 0.10; 14000;occ; 101; 0;39119

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 4; 346.5; 24-AUG-2009 00:17:28; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39120
 5; 888.0; 24-AUG-2009 00:26:30; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39120
 6; 1294.4; 24-AUG-2009 00:33:16; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39120
 7; 1902.8; 24-AUG-2009 00:43:25; Bright; 61.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 122; 0;39120
 8; 2086.9; 24-AUG-2009 00:46:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;39120
 9; 2570.7; 24-AUG-2009 00:54:33; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39120
 10; 3220.7; 24-AUG-2009 01:05:23; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39120
 11; 3354.0; 24-AUG-2009 01:07:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39120
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 13; 4374.2; 24-AUG-2009 01:24:36; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39120
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 16; 4989.2; 24-AUG-2009 01:34:51; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39120
 17; 5086.7; 24-AUG-2009 01:36:29; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;39120
 18; 5204.2; 24-AUG-2009 01:38:26; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;39120

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 3; -626.4; 24-AUG-2009 01:41:51; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;39120
 4; -472.0; 24-AUG-2009 01:44:26; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39120
 5; -356.3; 24-AUG-2009 01:46:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39120
 6; 347.8; 24-AUG-2009 01:58:06; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39121
 7; 888.6; 24-AUG-2009 02:07:06; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;39121
 8; 1294.8; 24-AUG-2009 02:13:53; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;39121
 9; 1902.7; 24-AUG-2009 02:24:01; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39121
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13; 889.4; 24-AUG-2009 03:47:43; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;39122
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3;-1381.7; 24-AUG-2009 06:31:04; Dark ; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;39123
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 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
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 7; 908.0; 26-AUG-2009 01:04:12; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39149
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 9; 1900.2; 26-AUG-2009 01:20:44; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39149
 10; 2082.9; 26-AUG-2009 01:23:47; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39149
 11; 2550.3; 26-AUG-2009 01:31:34; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39149
 12; 3200.4; 26-AUG-2009 01:42:24; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39149
 13; 3332.8; 26-AUG-2009 01:44:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39149
 14; 4174.6; 26-AUG-2009 01:58:38; Bright; 69.0; 6; 13Alp Aur ; 0.08; 3400;occ; 138; 0;39149
 15; 4375.5; 26-AUG-2009 02:01:59; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39149
 16; 4584.1; 26-AUG-2009 02:05:28; Dark ; 62.0; 28; 12Bet Tau ; 1.65; 15200;occ; 124; 0;39149
 17; 4762.0; 26-AUG-2009 02:08:26; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;39149
 18; 5006.9; 26-AUG-2009 02:12:31; Dark ; 65.5; 14; 58Alp Ori ; 0.87; 3000;occ; 131; 0;39149

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

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4;-1273.4; 26-AUG-2009 05:29:38; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39151
5;-1027.8; 26-AUG-2009 05:33:44; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;39151
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8; -687.6; 26-AUG-2009 05:39:24; Dark ; 51.5; 56; 53Kap Ori ; 2.07; 30000;occ; 103; 0;39151
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
14; 5240.6; 26-AUG-2009 22:23:35; Dark ; 35.0; 30; 46Eps Ori ; 1.69; 30000;occ; 70; 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
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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
12; 3191.4; 26-AUG-2009 23:30:02; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39162
13; 3323.1; 26-AUG-2009 23:32:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 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
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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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4;-1273.1; 26-AUG-2009 07:10:14; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39152
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7; 4375.7; 26-AUG-2009 10:24:59; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39154
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2; 2546.3; 26-AUG-2009 11:35:06; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39155
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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 9; 5011.4; 26-AUG-2009 13:56:46; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;39156
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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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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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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
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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
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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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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
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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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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
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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
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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
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8; 4593.1; 28-AUG-2009 12:46:34; Dark ; 25.0; 28; 12Bet Tau ; 1.65; 15200;occ; 50; 0;39184
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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
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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
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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
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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
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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
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6; 1329.5; 31-AUG-2009 23:42:07; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39234
7; 2250.3; 31-AUG-2009 23:57:27; Bright; 47.0; 90; 54Alp Peg ; 2.49; 11000;occ; 94; 0;39234
8; 2501.6; 01-SEP-2009 00:01:39; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39234
9; 3143.7; 01-SEP-2009 00:12:21; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39234
10; 3271.6; 01-SEP-2009 00:14:29; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39234
11; 4155.9; 01-SEP-2009 00:29:13; Bright; 64.0; 6; 13Alp Aur ; 0.08; 3400;occ; 128; 0;39234
12; 4378.0; 01-SEP-2009 00:32:55; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39234
13; 4686.7; 01-SEP-2009 00:38:04; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39234
14; 4792.4; 01-SEP-2009 00:39:49; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39234
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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
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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
 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
 15; 6511.6; 31-AUG-2009 08:22:30; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39224
 16; 6992.5; 31-AUG-2009 08:30:30; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39224
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 3; 2506.1; 31-AUG-2009 08:56:20; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39225
 4; 3149.4; 31-AUG-2009 09:07:03; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39225
 5; 3278.0; 31-AUG-2009 09:09:12; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39225
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 7; 4378.1; 31-AUG-2009 09:27:32; Bright; 50.0; 107; 37The Aur ; 2.65; 11000;occ; 100; 0;39225
 8; 4683.9; 31-AUG-2009 09:32:38; Dark ; 61.0; 151; 13Mu Gem ; 2.89; 3000;occ; 122; 0;39225
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 16; 6993.1; 31-AUG-2009 10:11:07; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39225
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 3; 2505.7; 31-AUG-2009 10:36:55; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;39226
 4; 3148.7; 31-AUG-2009 10:47:39; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39226
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 9; 4789.1; 31-AUG-2009 11:14:59; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39226
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 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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 3; 2505.1; 31-AUG-2009 12:17:31; Bright; 41.0; 164; 44Eta Peg ; 2.95; 5400;occ; 82; 0;39227
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 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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 12; 5445.0; 31-AUG-2009 13:06:31; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39227
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 15; 6515.1; 31-AUG-2009 13:24:21; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39227
 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
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7; 4684.9; 31-AUG-2009 14:34:26; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;39228
8; 4790.1; 31-AUG-2009 14:36:12; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39228
9; 5063.8; 31-AUG-2009 14:40:45; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39228
10; 5311.7; 31-AUG-2009 14:44:53; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39228
11; 5445.8; 31-AUG-2009 14:47:07; Dark ; 46.5; 47; 2Bet CMA ; 1.98; 28000;occ; 93; 0;39228
12; 5615.1; 31-AUG-2009 14:49:57; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39228
13; 5791.4; 31-AUG-2009 14:52:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39228
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15; 6994.7; 31-AUG-2009 15:12:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39228
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5; 3274.4; 31-AUG-2009 17:32:08; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39230
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