

GOMOS Daily Report 26-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	29AUG2009 04:52:49
Data source version	GOMOS/5.00
Start time of products	26AUG2009 00:01:49
Stop time of products	26AUG2009 23:56:17
Store outputs in DB	Yes
Nb of level 1b prods	103
Nb of prods with errors	2

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

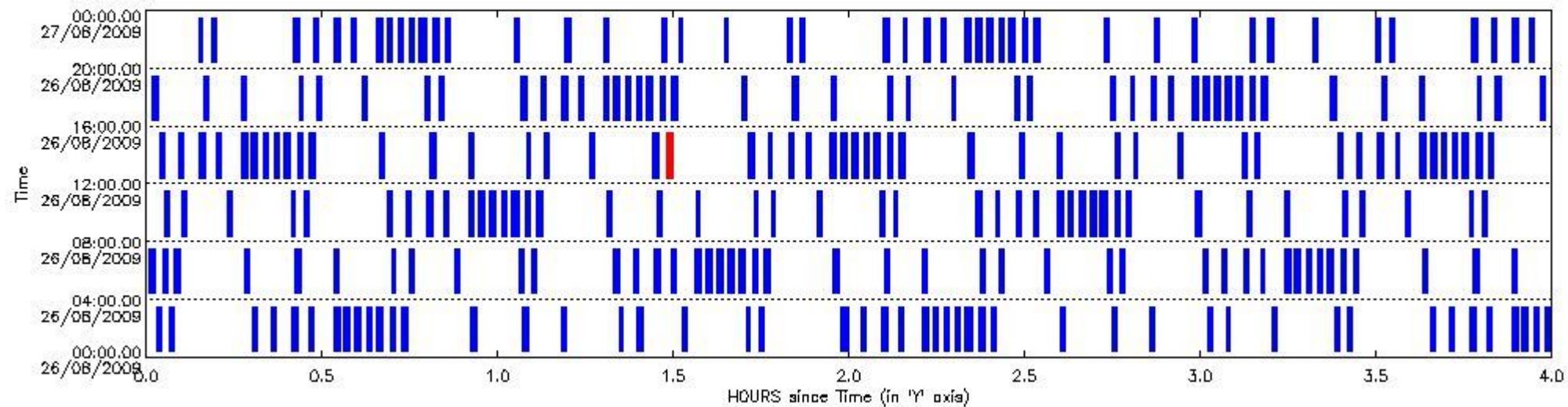
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
26-AUG-2009 13:28:43	27GamCas	76	39156

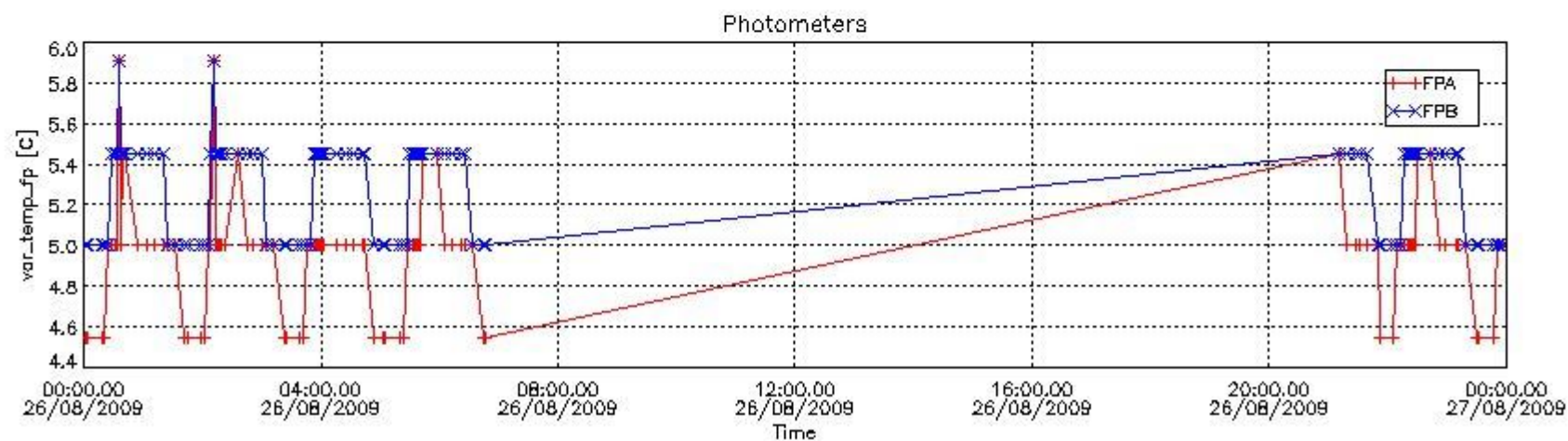
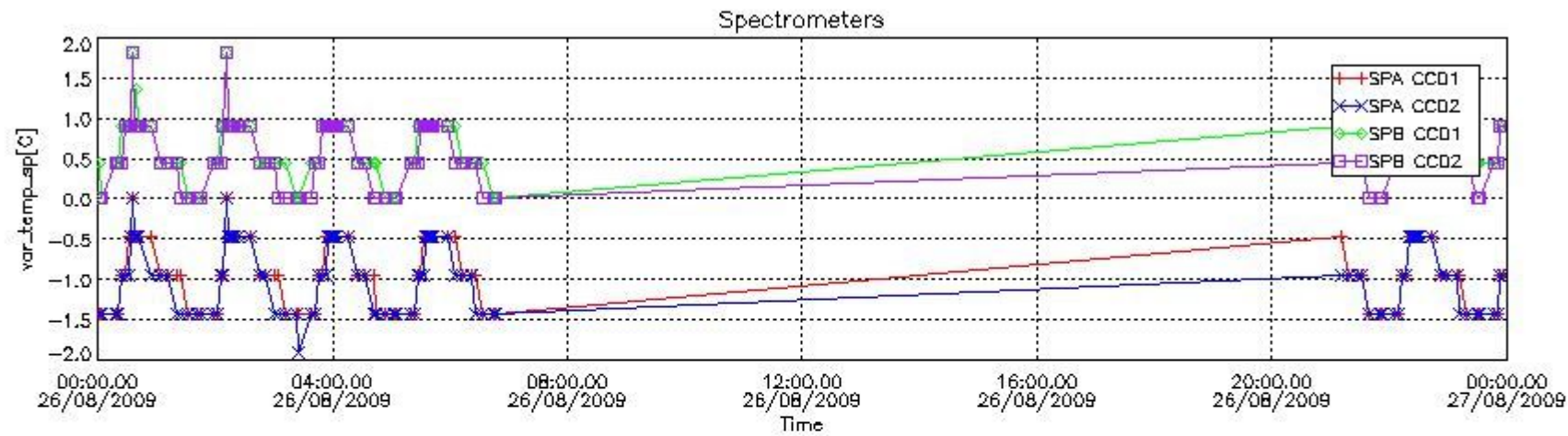
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090826_000149_000000462082_00016_39148_7694.N1	26-AUG-2009 00:01:49	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39148	No
2	GOM_TRA_1PNPDE20090826_000401_000000462082_00016_39148_7695.N1	26-AUG-2009 00:04:01	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39148	No
3	GOM_TRA_1PNPDE20090826_001803_000000542082_00016_39148_7696.N1	26-AUG-2009 00:18:03	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	39148	No
4	GOM_TRA_1PNPDE20090826_002123_000000432082_00016_39148_7697.N1	26-AUG-2009 00:21:23	Bright	42.500	107	37The Aur	2.6490	11000.	85	39148	No
5	GOM_TRA_1PNPDE20090826_002451_000000622082_00016_39148_7698.N1	26-AUG-2009 00:24:51	Twilight	61.500	28	12Bet Tau	1.6500	15200.	123	39148	No
6	GOM_TRA_1PNPDE20090826_002749_000000452082_00016_39148_7699.N1	26-AUG-2009 00:27:49	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	39148	No
7	GOM_TRA_1PNPDE20090826_003154_000000662082_00016_39148_7700.N1	26-AUG-2009 00:31:54	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	39148	No
8	GOM_TRA_1PNPDE20090826_003339_000000622082_00016_39148_7701.N1	26-AUG-2009 00:33:39	Dark	61.500	27	24Gam Ori	1.6360	26000.	123	39148	No
9	GOM_TRA_1PNPDE20090826_003537_000000582082_00016_39148_7844.N1	26-AUG-2009 00:35:37	Dark	57.500	30	46Eps Ori	1.6940	30000.	115	39148	Yes
10	GOM_TRA_1PNPDE20090826_003734_000000512082_00016_39148_7845.N1	26-AUG-2009 00:37:34	Dark	51.000	56	53Kap Ori	2.0650	30000.	102	39148	No

11	GOM_TRA_1PNPDE20090826_003910_000000682082_00016_39148_7846.N1	26-AUG-2009 00:39:10	Dark	68.000	7	19Bet Ori	0.10000	14000.	136	39148	No
12	GOM_TRA_1PNPDE20090826_004138_000000502082_00016_39148_7847.N1	26-AUG-2009 00:41:38	Dark	49.500	139	9Bet Lep	2.8330	5600.0	99	39148	No
13	GOM_TRA_1PNPDE20090826_005526_000000542082_00017_39149_7848.N1	26-AUG-2009 00:55:26	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39149	No
14	GOM_TRA_1PNPDE20090826_010412_000000592082_00017_39149_7849.N1	26-AUG-2009 01:04:12	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	39149	No
15	GOM_TRA_1PNPDE20090826_011048_000000492082_00017_39149_7850.N1	26-AUG-2009 01:10:48	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39149	No
16	GOM_TRA_1PNPDE20090826_012044_000000412082_00017_39149_7851.N1	26-AUG-2009 01:20:44	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39149	No
17	GOM_TRA_1PNPDE20090826_012347_000000572082_00017_39149_7852.N1	26-AUG-2009 01:23:47	Bright	57.000	61	8Eps Peg	2.1000	3900.0	114	39149	No
18	GOM_TRA_1PNPDE20090826_013134_000000462082_00017_39149_7853.N1	26-AUG-2009 01:31:34	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	39149	No
19	GOM_TRA_1PNPDE20090826_014224_000000422082_00017_39149_7854.N1	26-AUG-2009 01:42:24	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39149	No
20	GOM_TRA_1PNPDE20090826_014436_000000462082_00017_39149_7855.N1	26-AUG-2009 01:44:36	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39149	No
21	GOM_TRA_1PNPDE20090826_015838_000000692082_00017_39149_7856.N1	26-AUG-2009 01:58:38	Bright	69.000	6	13Alp Aur	0.080000	3400.0	138	39149	No
22	GOM_TRA_1PNPDE20090826_020159_000000472082_00017_39149_7857.N1	26-AUG-2009 02:01:59	Bright	46.500	107	37The Aur	2.6490	11000.	93	39149	No
23	GOM_TRA_1PNPDE20090826_020528_000000622082_00017_39149_7858.N1	26-AUG-2009 02:05:28	Twilight_and_stray	62.000	28	12Bet Tau	1.6500	15200.	124	39149	No
24	GOM_TRA_1PNPDE20090826_020826_000000452082_00017_39149_7859.N1	26-AUG-2009 02:08:26	Twilight_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	39149	No
25	GOM_TRA_1PNPDE20090826_021231_000000662082_00017_39149_7984.N1	26-AUG-2009 02:12:31	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	39149	Yes
26	GOM_TRA_1PNPDE20090826_021416_000000632082_00017_39149_7985.N1	26-AUG-2009 02:14:16	Dark	62.500	27	24Gam Ori	1.6360	26000.	125	39149	No
27	GOM_TRA_1PNPDE20090826_021613_000000582082_00017_39149_7986.N1	26-AUG-2009 02:16:13	Dark	57.500	30	46Eps Ori	1.6940	30000.	115	39149	No
28	GOM_TRA_1PNPDE20090826_021810_000000532082_00017_39149_7987.N1	26-AUG-2009 02:18:10	Dark	52.500	56	53Kap Ori	2.0650	30000.	105	39149	No
29	GOM_TRA_1PNPDE20090826_021947_000000752082_00017_39149_7988.N1	26-AUG-2009 02:19:47	Dark	74.500	7	19Bet Ori	0.10000	14000.	149	39149	No
30	GOM_TRA_1PNPDE20090826_022215_000000502082_00017_39149_7989.N1	26-AUG-2009 02:22:15	Dark	50.000	139	9Bet Lep	2.8330	5600.0	100	39149	No
31	GOM_TRA_1PNPDE20090826_023603_000000552082_00018_39150_7990.N1	26-AUG-2009 02:36:03	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39150	No
32	GOM_TRA_1PNPDE20090826_024448_000000532082_00018_39150_7991.N1	26-AUG-2009 02:44:48	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39150	No
33	GOM_TRA_1PNPDE20090826_025124_000000492082_00018_39150_7992.N1	26-AUG-2009 02:51:24	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39150	No
34	GOM_TRA_1PNPDE20090826_030120_000000412082_00018_39150_7993.N1	26-AUG-2009 03:01:20	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39150	No
35	GOM_TRA_1PNPDE20090826_030422_000000422082_00018_39150_7994.N1	26-AUG-2009 03:04:22	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	39150	No
36	GOM_TRA_1PNPDE20090826_031209_000000472082_00018_39150_7995.N1	26-AUG-2009 03:12:09	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	39150	No
37	GOM_TRA_1PNPDE20090826_032259_000000472082_00018_39150_7996.N1	26-AUG-2009 03:22:59	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39150	No
38	GOM_TRA_1PNPDE20090826_032512_000000452082_00018_39150_7997.N1	26-AUG-2009 03:25:12	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39150	No
39	GOM_TRA_1PNPDE20090826_033914_000000572082_00018_39150_8147.N1	26-AUG-2009 03:39:14	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	39150	No
40	GOM_TRA_1PNPDE20090826_034235_000000472082_00018_39150_8148.N1	26-AUG-2009 03:42:35	Bright	47.000	107	37The Aur	2.6490	11000.	94	39150	No
41	GOM_TRA_1PNPDE20090826_034604_000000592082_00018_39150_8149.N1	26-AUG-2009 03:46:04	Twilight_and_stray	59.000	28	12Bet Tau	1.6500	15200.	118	39150	No
42	GOM_TRA_1PNPDE20090826_034902_000000482082_00018_39150_8150.N1	26-AUG-2009 03:49:02	Twilight_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	39150	No
43	GOM_TRA_1PNPDE20090826_035307_000000692082_00018_39150_8151.N1	26-AUG-2009 03:53:07	Dark	69.000	14	58Alp Ori	0.87000	3000.0	138	39150	No
44	GOM_TRA_1PNPDE20090826_035453_000000642082_00018_39150_8152.N1	26-AUG-2009 03:54:53	Dark	64.000	27	24Gam Ori	1.6360	26000.	128	39150	No
45	GOM_TRA_1PNPDE20090826_035650_000000592082_00018_39150_8153.N1	26-AUG-2009 03:56:50	Dark	58.500	30	46Eps Ori	1.6940	30000.	117	39150	No
46	GOM_TRA_1PNPDE20090826_035847_000000532082_00018_39150_8154.N1	26-AUG-2009 03:58:47	Dark	52.500	56	53Kap Ori	2.0650	30000.	105	39150	No
47	GOM_TRA_1PNPDE20090826_040024_000000662082_00018_39150_8155.N1	26-AUG-2009 04:00:24	Dark	65.500	7	19Bet Ori	0.10000	14000.	131	39150	No
48	GOM_TRA_1PNPDE20090826_040252_000000522082_00018_39150_8156.N1	26-AUG-2009 04:02:52	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	39150	No
49	GOM_TRA_1PNPDE20090826_041640_000000542082_00019_39151_8157.N1	26-AUG-2009 04:16:40	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39151	No
50	GOM_TRA_1PNPDE20090826_042525_000000542082_00019_39151_8158.N1	26-AUG-2009 04:25:25	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	39151	No
51	GOM_TRA_1PNPDE20090826_043200_000000472082_00019_39151_8159.N1	26-AUG-2009 04:32:00	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39151	No
52	GOM_TRA_1PNPDE20090826_044156_000000412082_00019_39151_8160.N1	26-AUG-2009 04:41:56	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	39151	No
53	GOM_TRA_1PNPDE20090826_044458_000000412082_00019_39151_8161.N1	26-AUG-2009 04:44:58	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	39151	No
54	GOM_TRA_1PNPDE20090826_045245_000000472082_00019_39151_8162.N1	26-AUG-2009 04:52:45	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	39151	No
55	GOM_TRA_1PNPDE20090826_050335_000000472082_00019_39151_8163.N1	26-AUG-2009 05:03:35	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39151	No
56	GOM_TRA_1PNPDE20090826_050547_000000462082_00019_39151_8164.N1	26-AUG-2009 05:05:47	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39151	No
57	GOM_TRA_1PNPDE20090826_051950_000000552082_00019_39151_8308.N1	26-AUG-2009 05:19:50	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39151	No
58	GOM_TRA_1PNPDE20090826_052311_000000472082_00019_39151_8309.N1	26-AUG-2009 05:23:11	Bright	47.000	107	37The Aur	2.6490	11000.	94	39151	No
59	GOM_TRA_1PNPDE20090826_052640_000000602082_00019_39151_8310.N1	26-AUG-2009 05:26:40	Twilight_and_stray	60.000	28	12Bet Tau	1.6500	15200.	120	39151	No
60	GOM_TRA_1PNPDE20090826_052938_000000472082_00019_39151_8311.N1	26-AUG-2009 05:29:38	Twilight_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	39151	No
61	GOM_TRA_1PNPDE20090826_053344_000000642082_00019_39151_8312.N1	26-AUG-2009 05:33:44	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	39151	No
62	GOM_TRA_1PNPDE20090826_053530_000000652082_00019_39151_8313.N1	26-AUG-2009 05:35:30	Dark	65.000	27	24Gam Ori	1.6360	26000.	130	39151	No
63	GOM_TRA_1PNPDE20090826_053727_000000562082_00019_39151_8314.N1	26-AUG-2009 05:37:27	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	39151	No
64	GOM_TRA_1PNPDE20090826_053924_000000522082_00019_39151_8315.N1	26-AUG-2009 05:39:24	Dark	51.500	56	53Kap Ori	2.0650	30000.	103	39151	No
65	GOM_TRA_1PNPDE20090826_054101_000000692082_00019_39151_8316.N1	26-AUG-2009 05:41:01	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39151	No
66	GOM_TRA_1PNPDE20090826_054329_000000492082_00019_39151_8317.N1	26-AUG-2009 05:43:29	Dark	49.000	139	9Bet Lep	2.8330	5600.0	98	39151	No
67	GOM_TRA_1PNPDE20090826_055718_000000532082_00020_39152_8318.N1	26-AUG-2009 05:57:18	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39152	No
68	GOM_TRA_1PNPDE20090826_060602_000000492082_00020_39152_8319.N1	26-AUG-2009 06:06:02	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39152	No
69	GOM_TRA_1PNPDE20090826_061237_000000472082_00020_39152_8320.N1	26-AUG-2009 06:12:37	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39152	No

70	GOM_TRA_1PNPDE20090826_062231_000000402082_00020_39152_8321.N1	26-AUG-2009 06:22:31	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39152	No
71	GOM_TRA_1PNPDE20090826_062534_000000482082_00020_39152_8322.N1	26-AUG-2009 06:25:34	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	39152	No
72	GOM_TRA_1PNPDE20090826_063320_000000472082_00020_39152_8323.N1	26-AUG-2009 06:33:20	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	39152	No
73	GOM_TRA_1PNPDE20090826_064410_000000462082_00020_39152_8324.N1	26-AUG-2009 06:44:10	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39152	No
74	GOM_TRA_1PNPDE20090826_064622_000000482082_00020_39152_8325.N1	26-AUG-2009 06:46:22	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39152	No
75	GOM_TRA_1PNPDE20090826_211131_000000532082_00029_39161_8776.N1	26-AUG-2009 21:11:31	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39161	No
76	GOM_TRA_1PNPDE20090826_211803_000000492082_00029_39161_8777.N1	26-AUG-2009 21:18:03	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	39161	No
77	GOM_TRA_1PNPDE20090826_212754_000000592082_00029_39161_8778.N1	26-AUG-2009 21:27:54	Bright	59.000	162	34Alp Aqr	2.9440	5350.0	118	39161	No
78	GOM_TRA_1PNPDE20090826_213056_000000392082_00029_39161_8779.N1	26-AUG-2009 21:30:56	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	39161	No
79	GOM_TRA_1PNPDE20090826_213838_000000442082_00029_39161_8780.N1	26-AUG-2009 21:38:38	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39161	No
80	GOM_TRA_1PNPDE20090826_214927_000000462082_00029_39161_8781.N1	26-AUG-2009 21:49:27	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39161	No
81	GOM_TRA_1PNPDE20090826_215139_000000482082_00029_39161_8782.N1	26-AUG-2009 21:51:39	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39161	No
82	GOM_TRA_1PNPDE20090826_220547_000000592082_00029_39161_8783.N1	26-AUG-2009 22:05:47	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39161	No
83	GOM_TRA_1PNPDE20090826_220911_000000452082_00029_39161_8784.N1	26-AUG-2009 22:09:11	Bright	44.500	107	37The Aur	2.6490	11000.	89	39161	No
84	GOM_TRA_1PNPDE20090826_221242_000000612082_00029_39161_8785.N1	26-AUG-2009 22:12:42	Twilight_stray	60.500	28	12Bet Tau	1.6500	15200.	121	39161	No
85	GOM_TRA_1PNPDE20090826_221541_000000462082_00029_39161_8786.N1	26-AUG-2009 22:15:41	Twilight_stray	46.000	44	24Gam Gem	1.9280	11000.	92	39161	No
86	GOM_TRA_1PNPDE20090826_221949_000000612082_00029_39161_8787.N1	26-AUG-2009 22:19:49	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	39161	No
87	GOM_TRA_1PNPDE20090826_222138_000000642082_00029_39161_8788.N1	26-AUG-2009 22:21:38	Dark	63.500	27	24Gam Ori	1.6360	26000.	127	39161	No
88	GOM_TRA_1PNPDE20090826_222335_000000572082_00029_39161_8918.N1	26-AUG-2009 22:23:35	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39161	No
89	GOM_TRA_1PNPDE20090826_222532_000000542082_00029_39161_8919.N1	26-AUG-2009 22:25:32	Dark	53.500	56	53Kap Ori	2.0650	30000.	107	39161	No
90	GOM_TRA_1PNPDE20090826_222713_000000742082_00029_39161_8920.N1	26-AUG-2009 22:27:13	Dark	73.500	7	19Bet Ori	0.10000	14000.	147	39161	No
91	GOM_TRA_1PNPDE20090826_222938_000000542082_00029_39161_8921.N1	26-AUG-2009 22:29:38	Dark	54.000	139	9Bet Lep	2.8330	5600.0	108	39161	No
92	GOM_TRA_1PNPDE20090826_224329_000000542082_00030_39162_8922.N1	26-AUG-2009 22:43:29	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39162	No
93	GOM_TRA_1PNPDE20090826_225208_000000512082_00030_39162_8923.N1	26-AUG-2009 22:52:08	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39162	No
94	GOM_TRA_1PNPDE20090826_225839_000000512082_00030_39162_8924.N1	26-AUG-2009 22:58:39	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	39162	No
95	GOM_TRA_1PNPDE20090826_230830_000000402082_00030_39162_8925.N1	26-AUG-2009 23:08:30	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39162	No
96	GOM_TRA_1PNPDE20090826_231132_000000562082_00030_39162_8926.N1	26-AUG-2009 23:11:32	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39162	No
97	GOM_TRA_1PNPDE20090826_231913_000000472082_00030_39162_8927.N1	26-AUG-2009 23:19:13	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	39162	No
98	GOM_TRA_1PNPDE20090826_233002_000000422082_00030_39162_8928.N1	26-AUG-2009 23:30:02	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39162	No
99	GOM_TRA_1PNPDE20090826_233214_000000472082_00030_39162_8929.N1	26-AUG-2009 23:32:14	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39162	No
100	GOM_TRA_1PNPDE20090826_234623_000000592082_00030_39162_8930.N1	26-AUG-2009 23:46:23	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39162	No
101	GOM_TRA_1PNPDE20090826_234947_000000462082_00030_39162_8931.N1	26-AUG-2009 23:49:47	Bright	45.500	107	37The Aur	2.6490	11000.	91	39162	No
102	GOM_TRA_1PNPDE20090826_235318_000000612082_00030_39162_8932.N1	26-AUG-2009 23:53:18	Twilight_stray	61.000	28	12Bet Tau	1.6500	15200.	122	39162	No
103	GOM_TRA_1PNPDE20090826_235617_000000442082_00030_39162_8933.N1	26-AUG-2009 23:56:17	Twilight_stray	43.500	44	24Gam Gem	1.9280	11000.	87	39162	No

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



4. Overview of dark signal processing per product

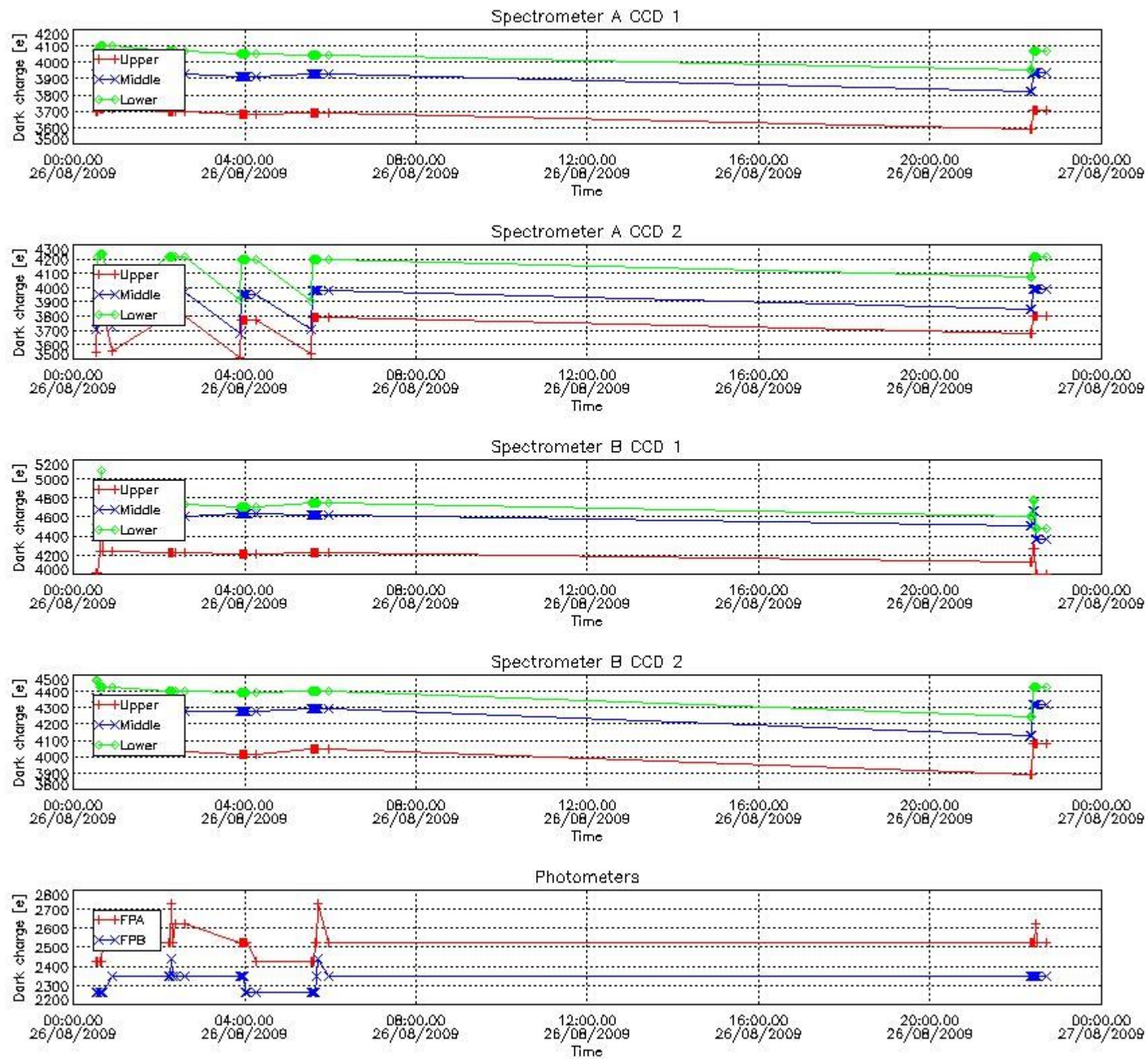
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20090826_211131_000000532082_00029_39161_8776.N1	DC map used
GOM_TRA_1PNPDE20090826_211803_000000492082_00029_39161_8777.N1	DC map used
GOM_TRA_1PNPDE20090826_212754_000000592082_00029_39161_8778.N1	DC map used
GOM_TRA_1PNPDE20090826_213056_000000392082_00029_39161_8779.N1	DC map used
GOM_TRA_1PNPDE20090826_213838_000000442082_00029_39161_8780.N1	DC map used
GOM_TRA_1PNPDE20090826_214927_000000462082_00029_39161_8781.N1	DC map used
GOM_TRA_1PNPDE20090826_215139_000000482082_00029_39161_8782.N1	DC map used
GOM_TRA_1PNPDE20090826_220547_000000592082_00029_39161_8783.N1	DC map used
GOM_TRA_1PNPDE20090826_220911_000000452082_00029_39161_8784.N1	DC map used
GOM_TRA_1PNPDE20090826_221242_000000612082_00029_39161_8785.N1	DC map used
GOM_TRA_1PNPDE20090826_221541_000000462082_00029_39161_8786.N1	DC map used
GOM_TRA_1PNPDE20090826_221949_000000612082_00029_39161_8787.N1	DC map used
GOM_TRA_1PNPDE20090826_222138_000000642082_00029_39161_8788.N1	DC map used

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



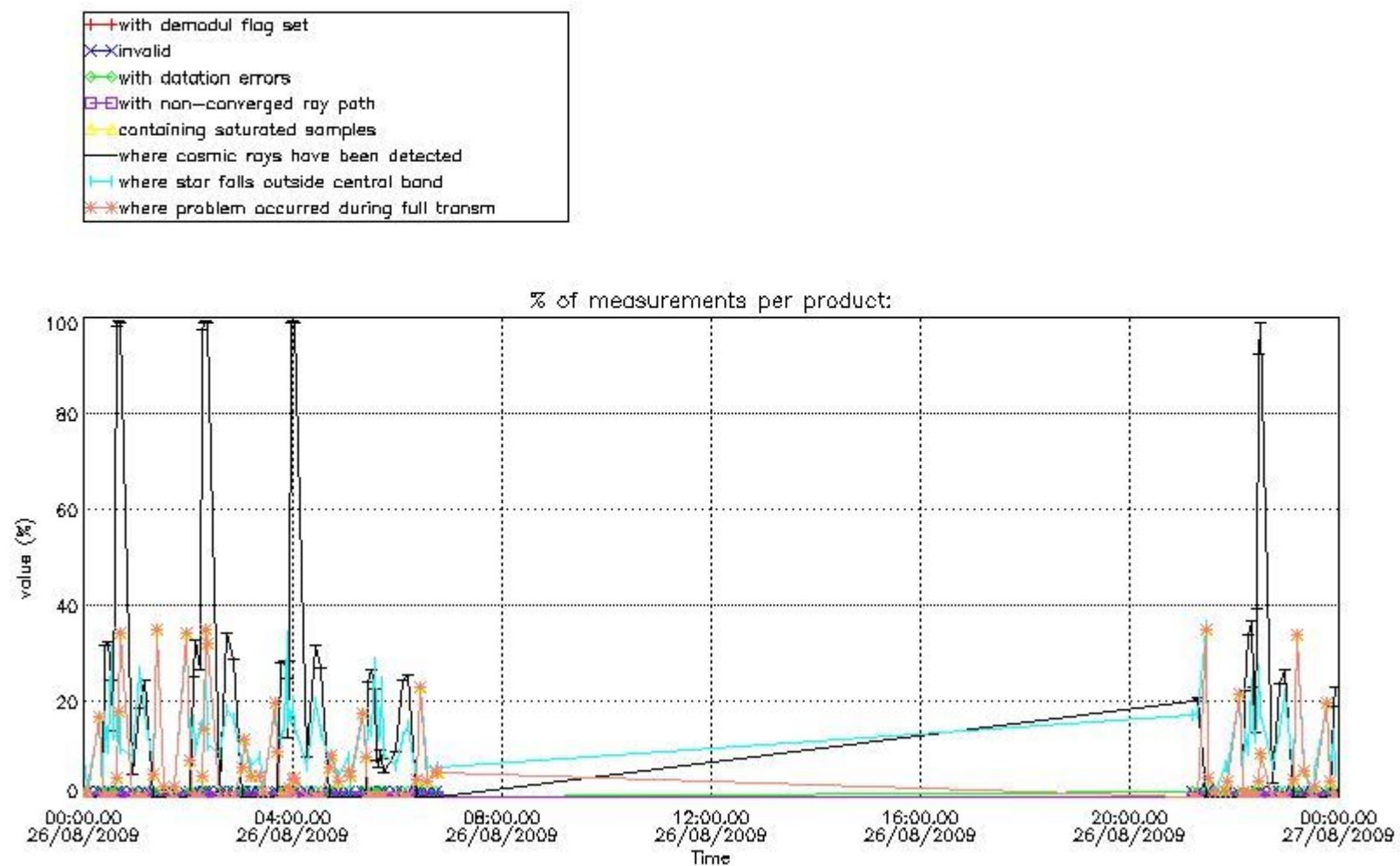
5. Demodulation flag and quality information monitoring

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.

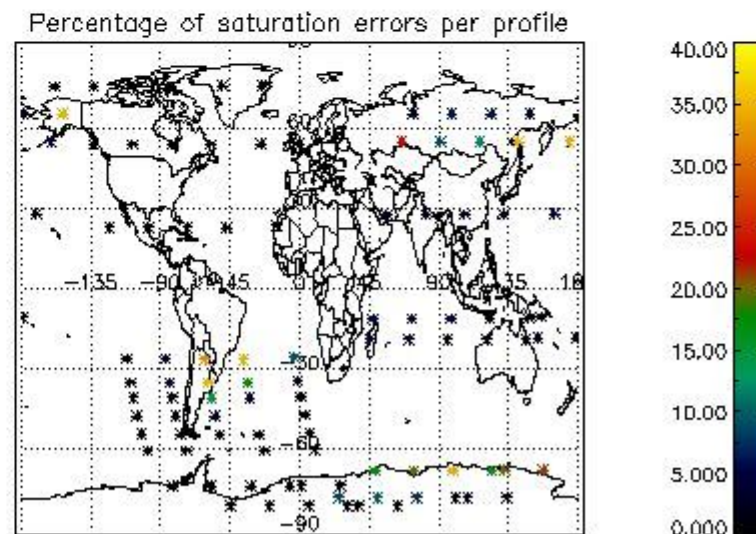
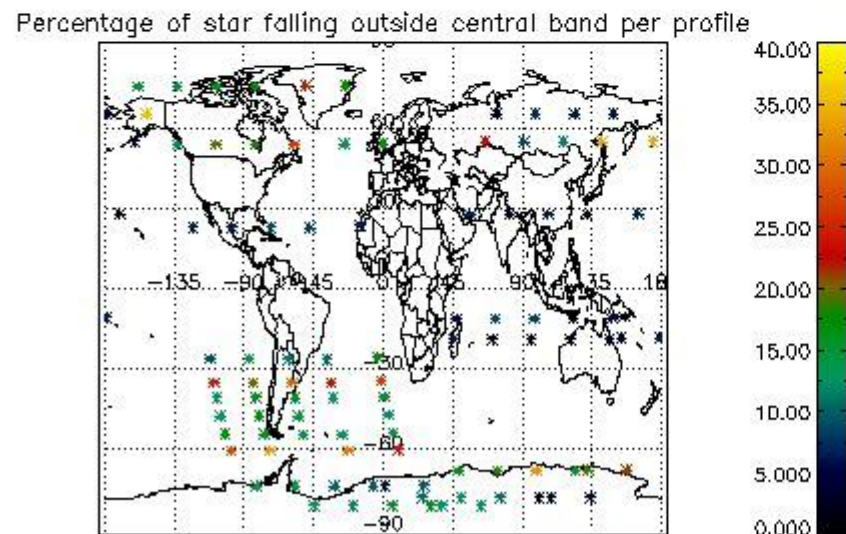
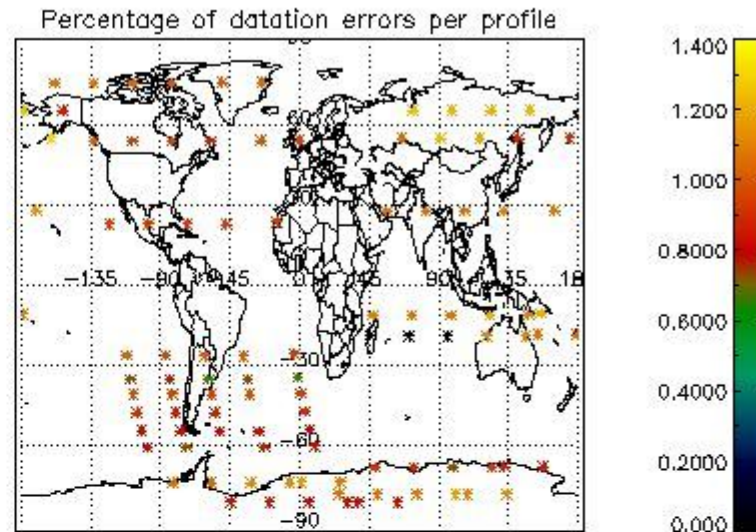
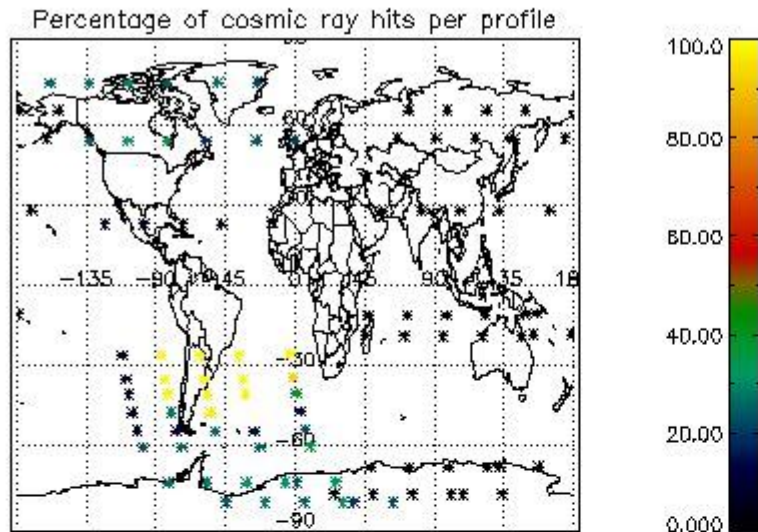
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	37.6238 %
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)



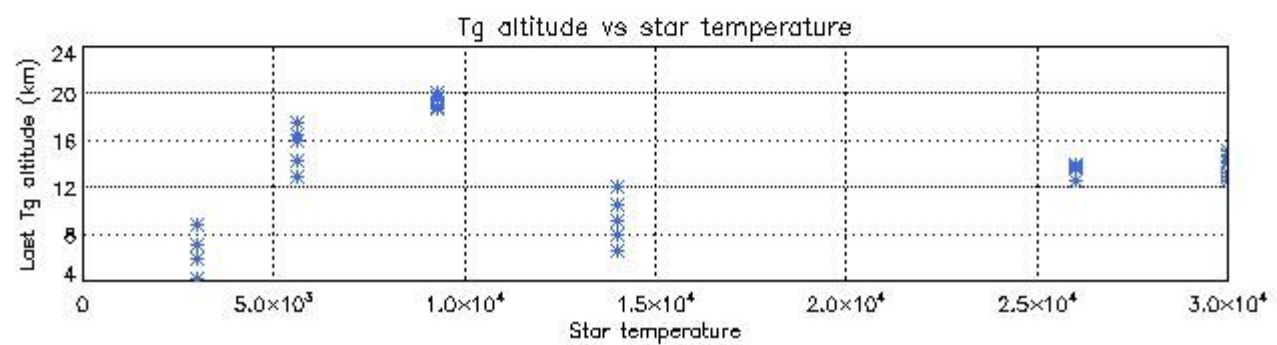
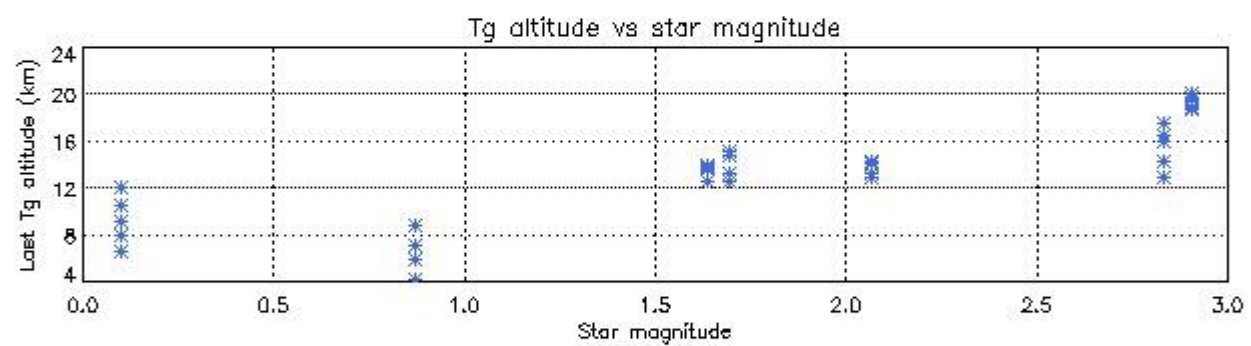
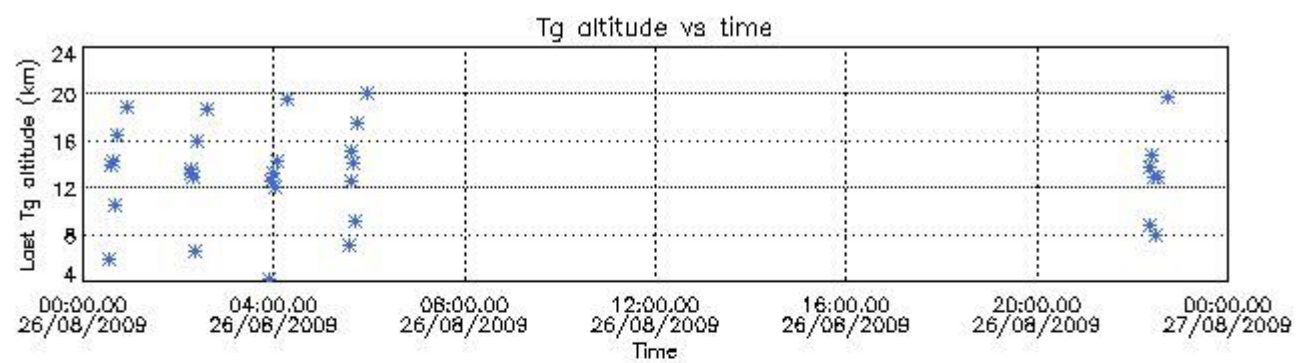
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.207	18.334	NaN
St. deviation:	4.0791	6.1426	NaN
Maximum:	20.087	28.521	NaN
Minimum:	4.1571	3.9623	NaN
Number of data:	33.000	44.000	NaN

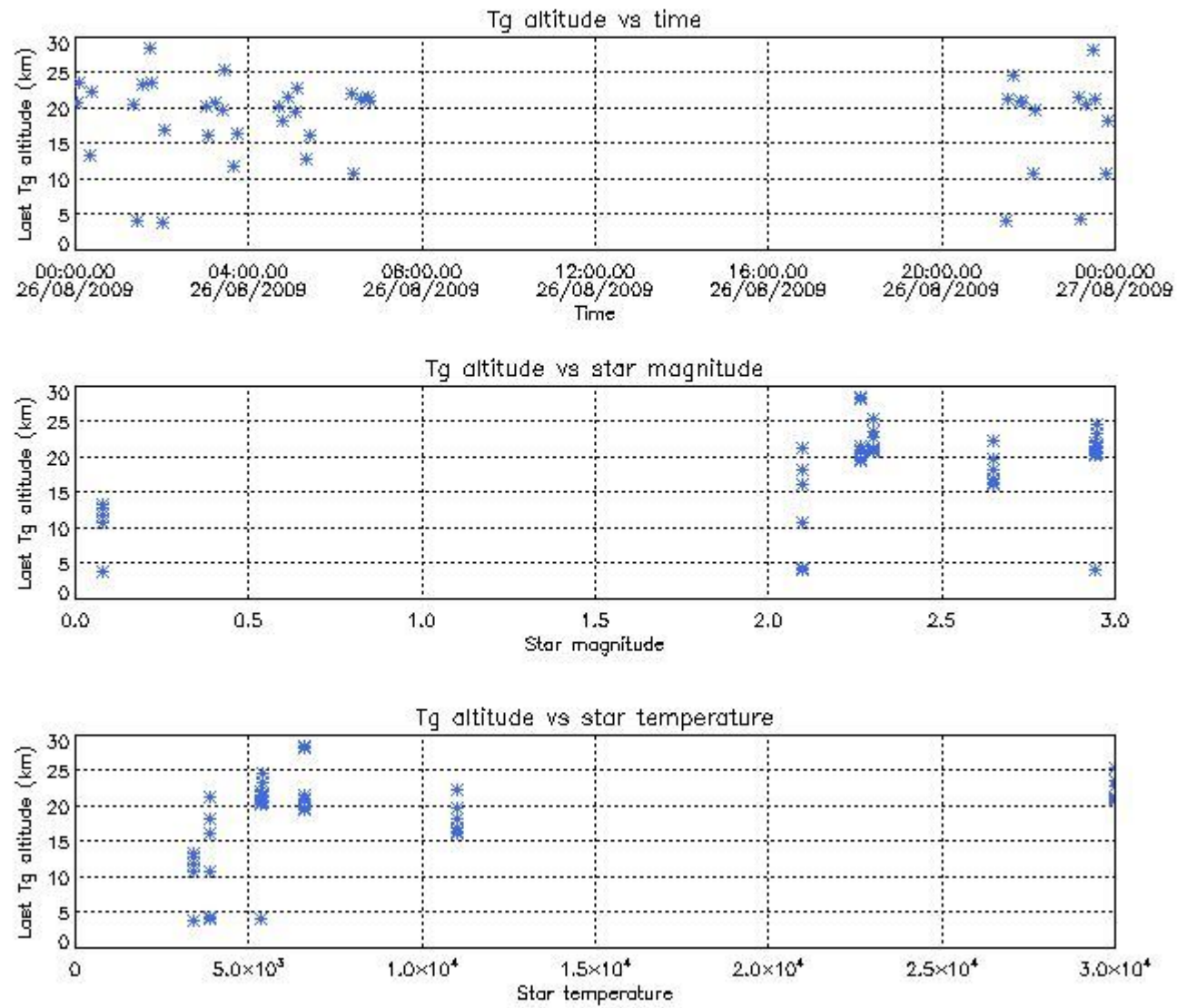
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

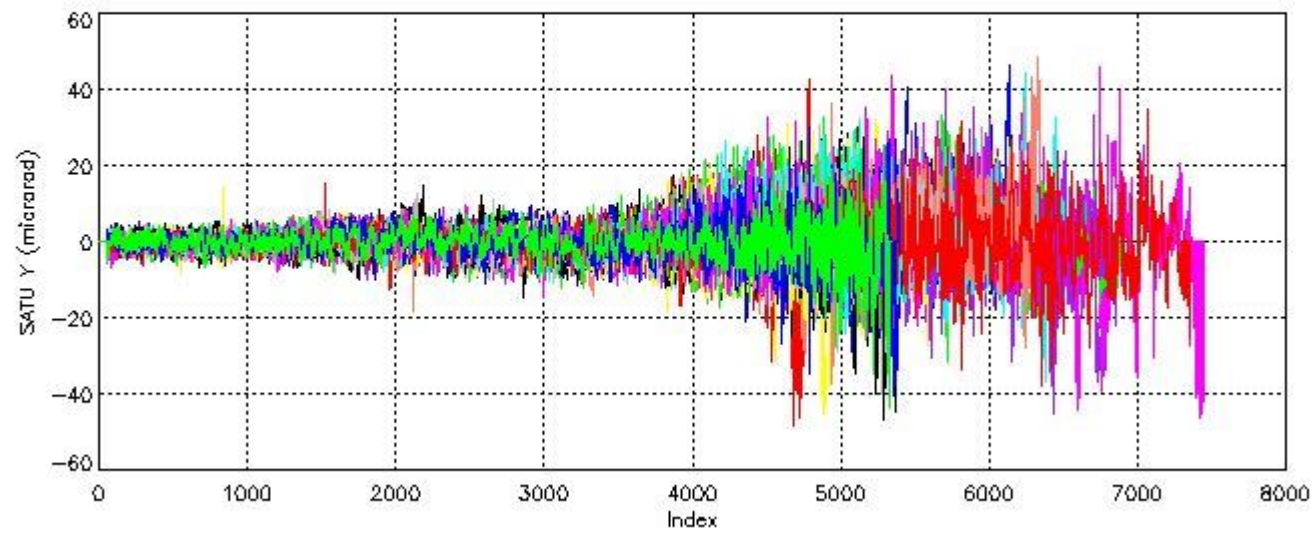
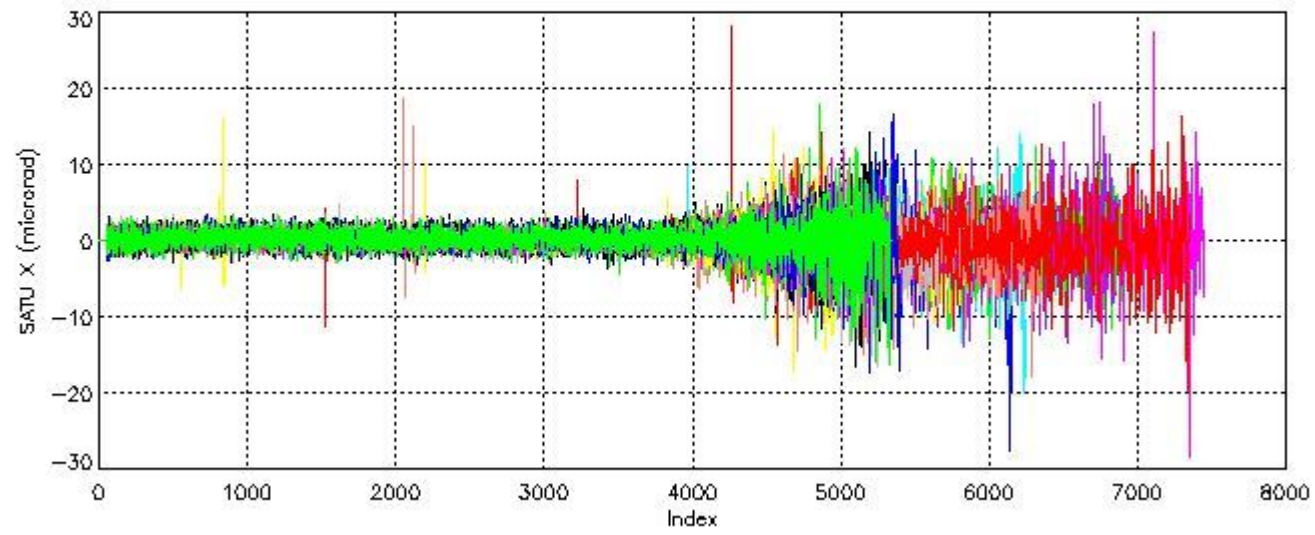


7. Star Acquisition and Tracking Unit (SATU)

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:	0.23050	-0.39136	0.26484	-0.39948
St. deviation:	0.52848	1.4388	0.72213	1.6157
Maximum:	16.100	14.100	3.9000	8.5000
Minimum:	-6.4000	-8.6000	-3.7000	-7.8000

Number of data:	40750.	40750.	46100.	46100.
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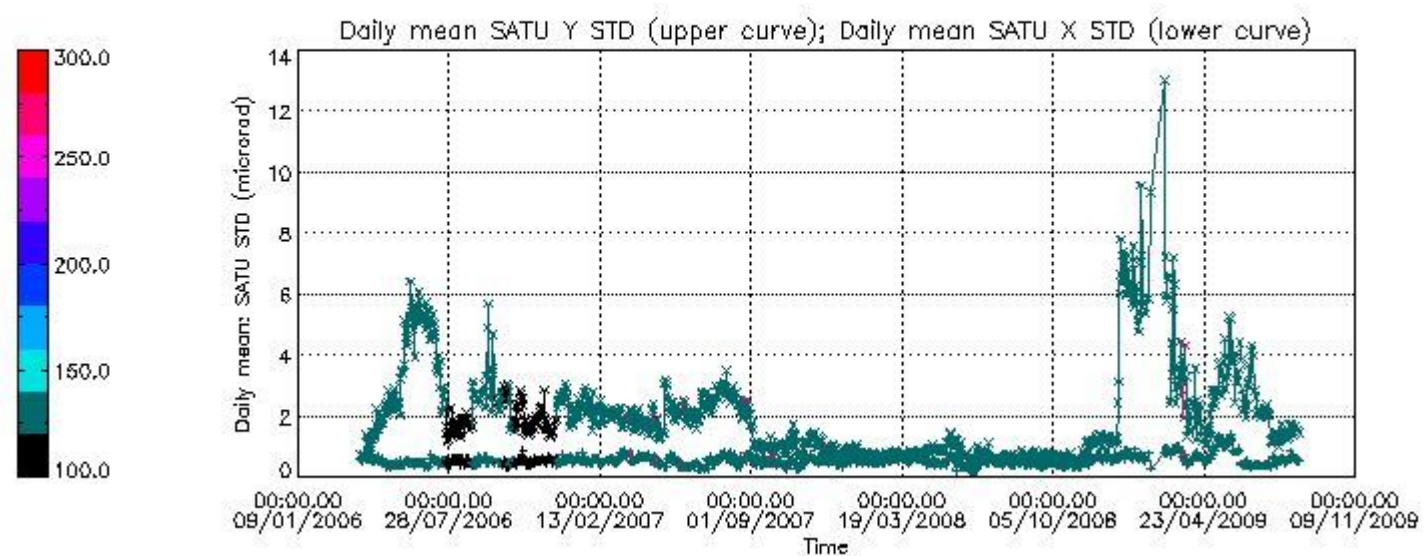
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

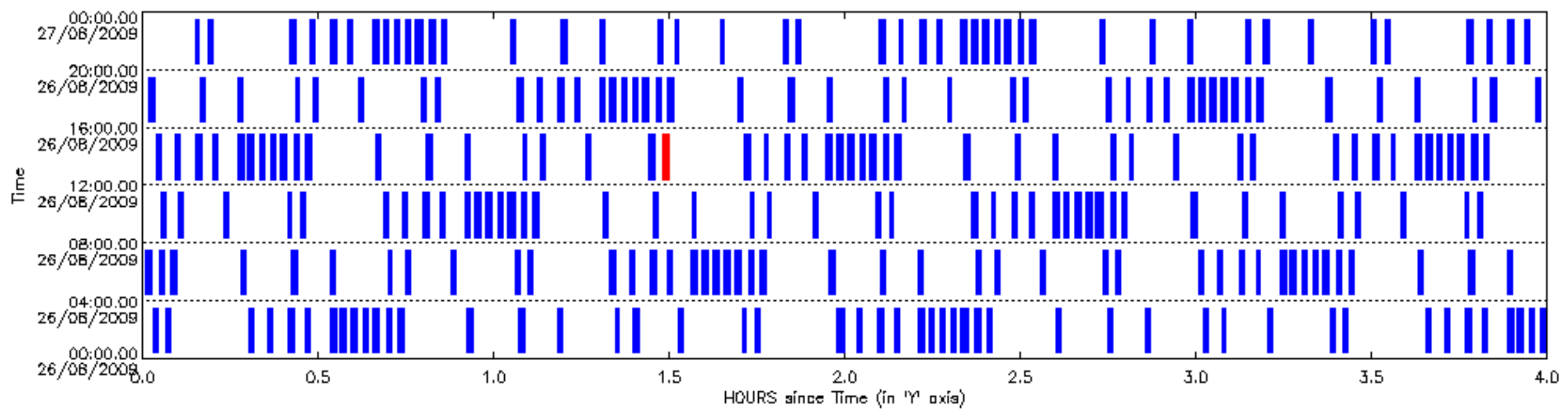
Lower curve: STD of SATU X axis

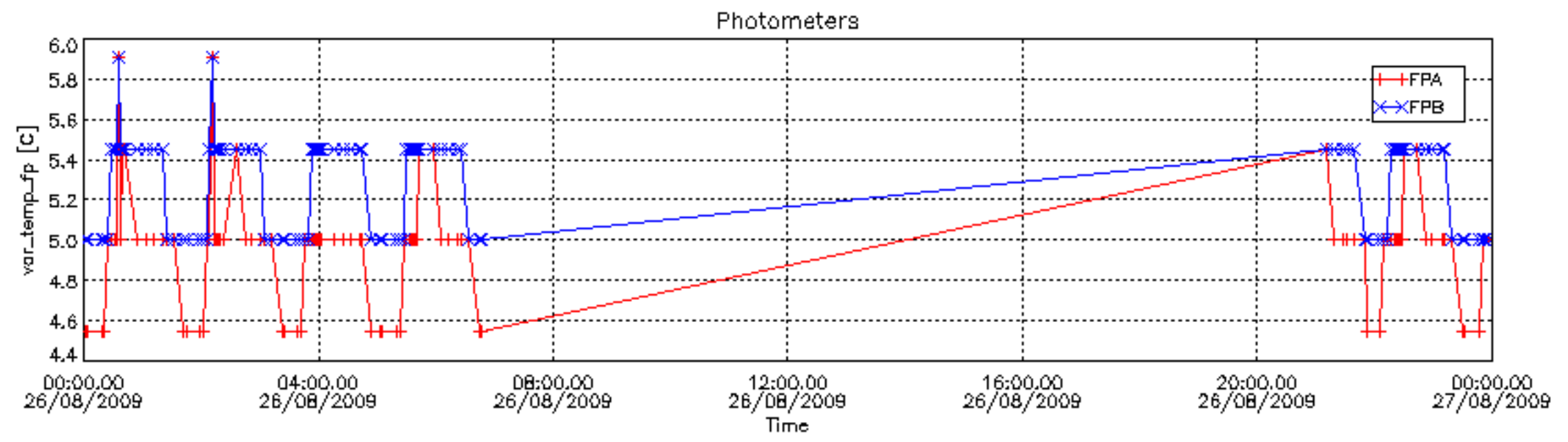
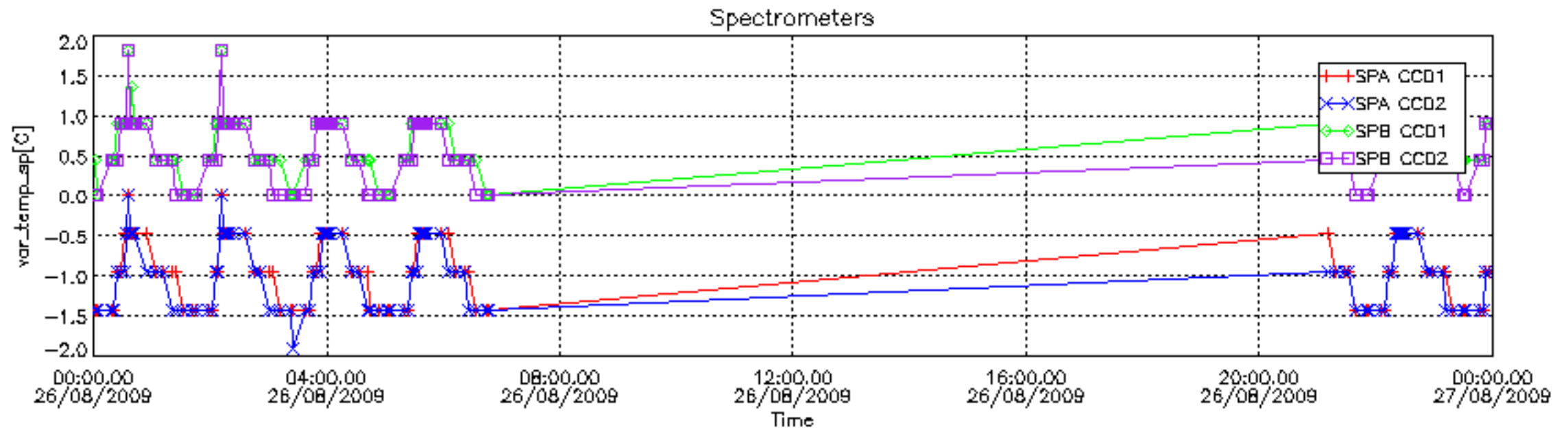


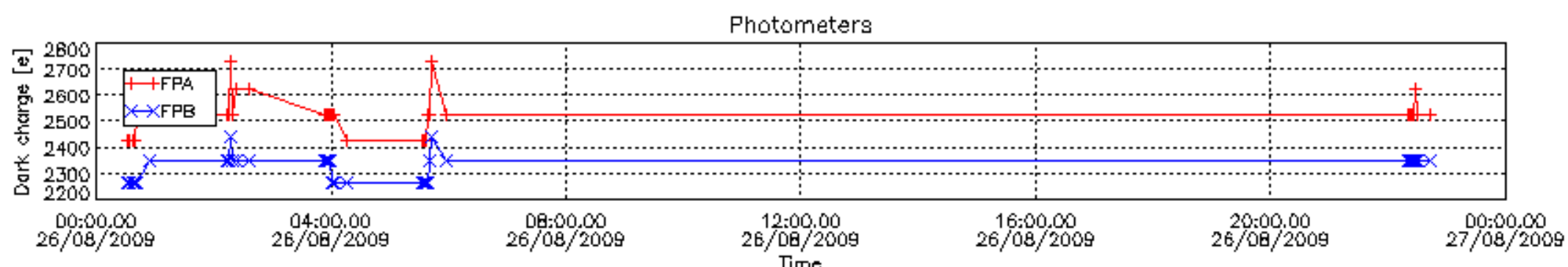
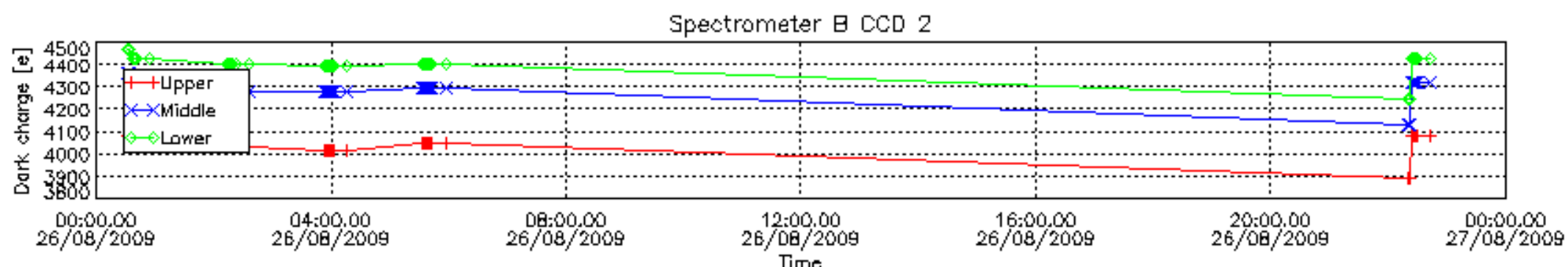
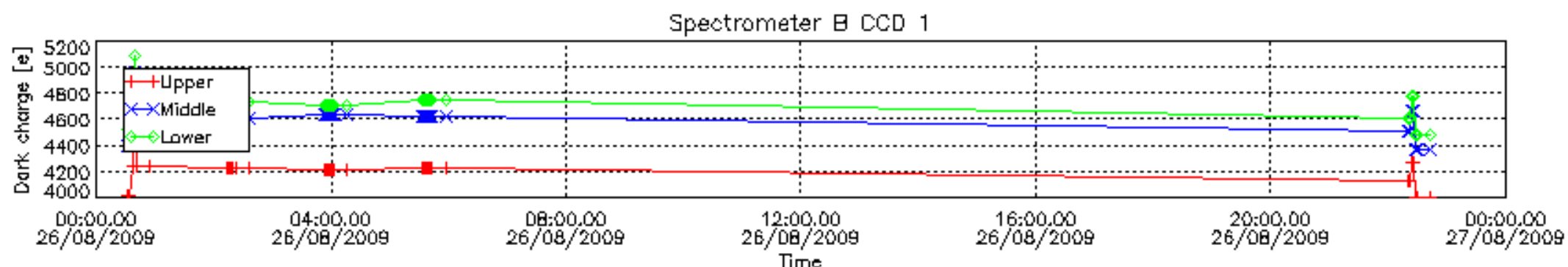
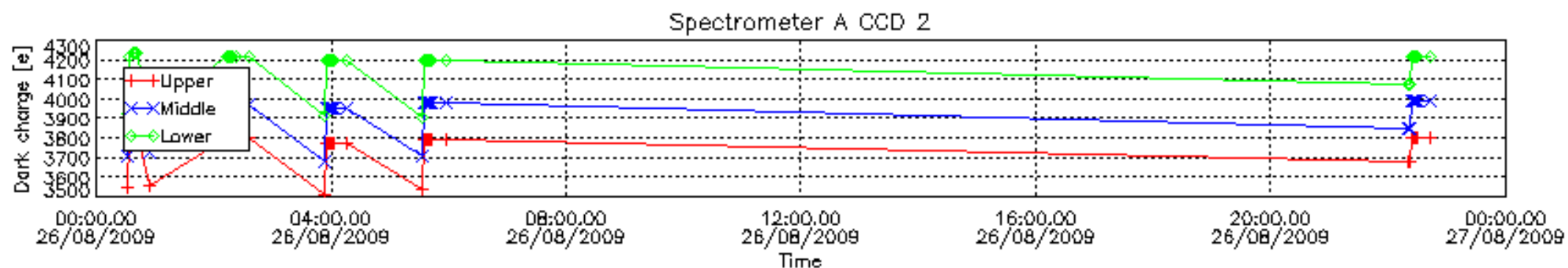
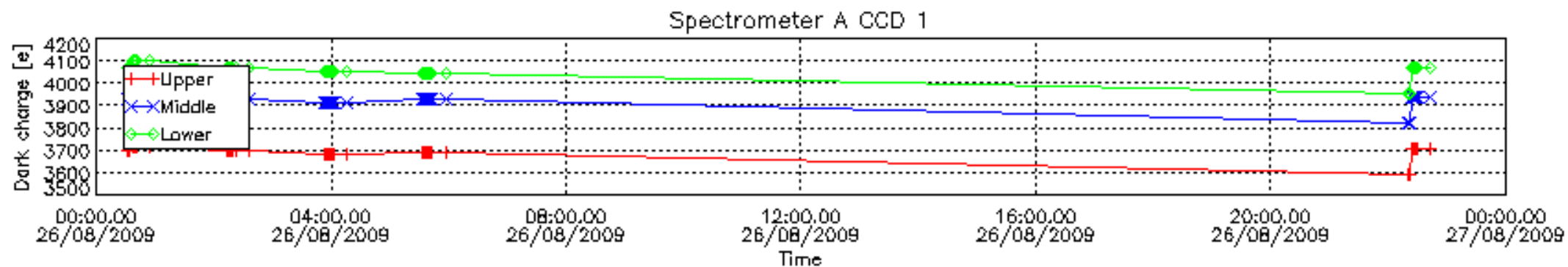
8. Auxiliary Data Files used for the production reported in section 2.4

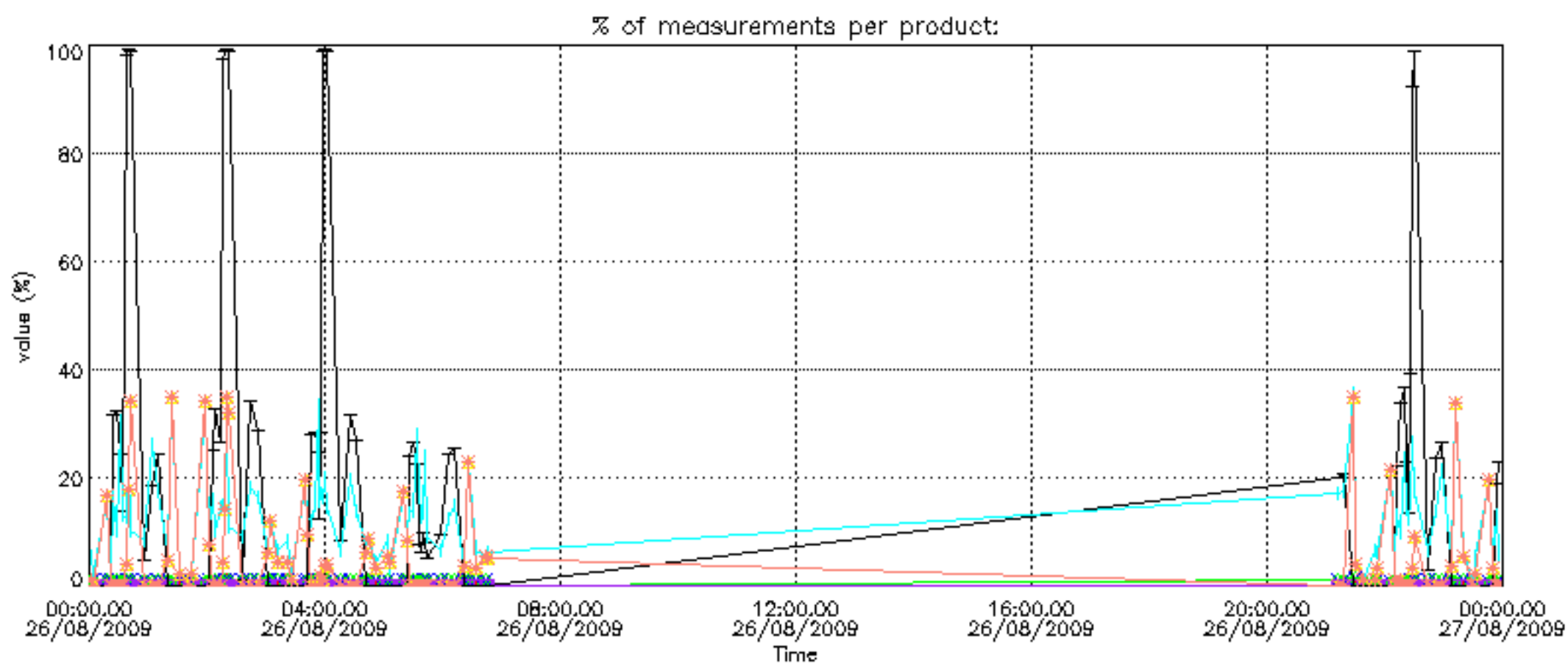
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	26-AUG-2009 00:01:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090818_144743_20090816_000000_20100101_000000	1	26-AUG-2009 00:01:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	26-AUG-2009 00:01:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	26-AUG-2009 00:01:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	26-AUG-2009 00:01:49
ECMWF_FILE	AUX_ECF_AXNECM20090825_064111_20090825_210000_20090826_090000	1	26-AUG-2009 00:01:49
ECMWF_FILE	AUX_ECF_AXNECM20090825_184112_20090826_030000_20090826_150000	39	26-AUG-2009 03:39:14
ECMWF_FILE	AUX_ECF_AXNECM20090826_064111_20090826_210000_20090827_090000	75	26-AUG-2009 21:11:31
OPTIONAL_ECMWF_FILE	MISSING	1	26-AUG-2009 00:01:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090825_211305_000057382082_00014_39146_8628.N1	1	26-AUG-2009 00:01:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090825_225402_000057382082_00015_39147_8629.N1	9	26-AUG-2009 00:35:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090826_003459_000054192082_00016_39148_8630.N1	25	26-AUG-2009 02:12:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090826_021037_000041442082_00017_39149_8631.N1	39	26-AUG-2009 03:39:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090826_032500_000060572082_00018_39150_8632.N1	57	26-AUG-2009 05:19:50
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090826_210738_000041442082_00029_39161_8634.N1	75	26-AUG-2009 21:11:31

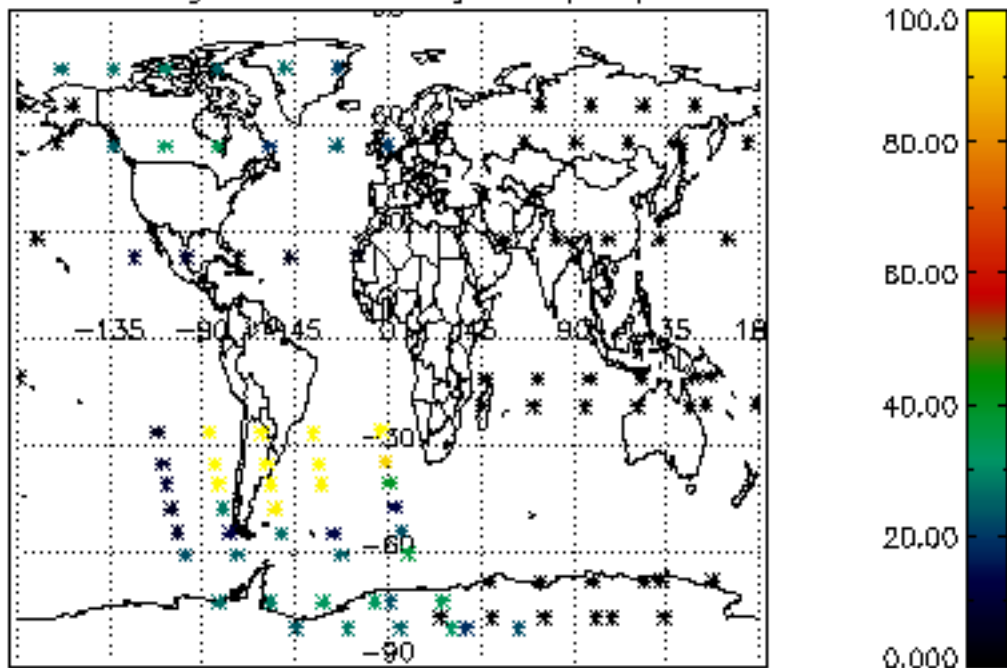




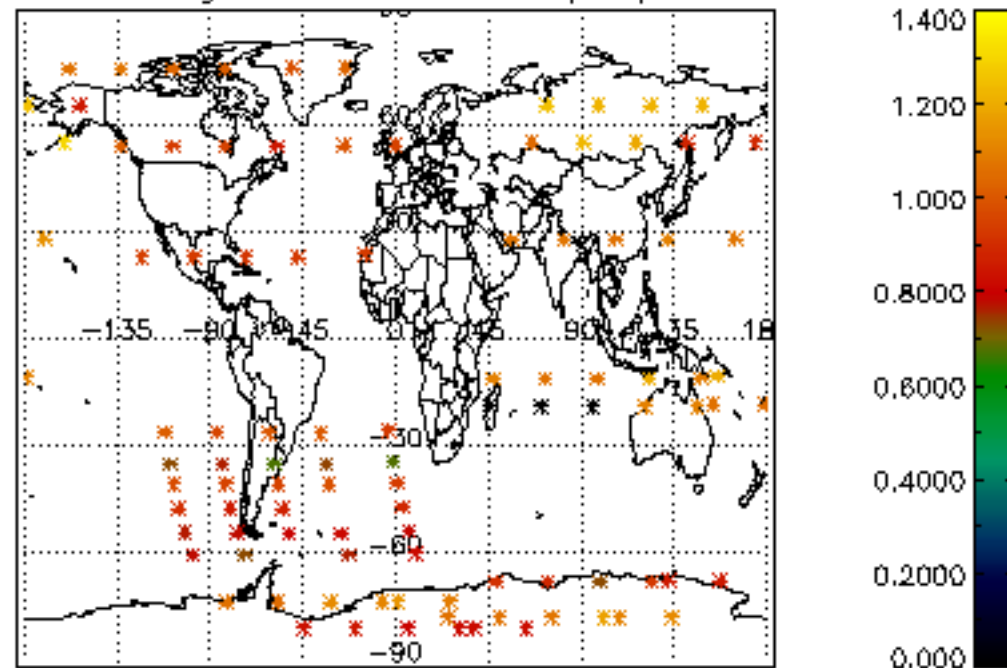




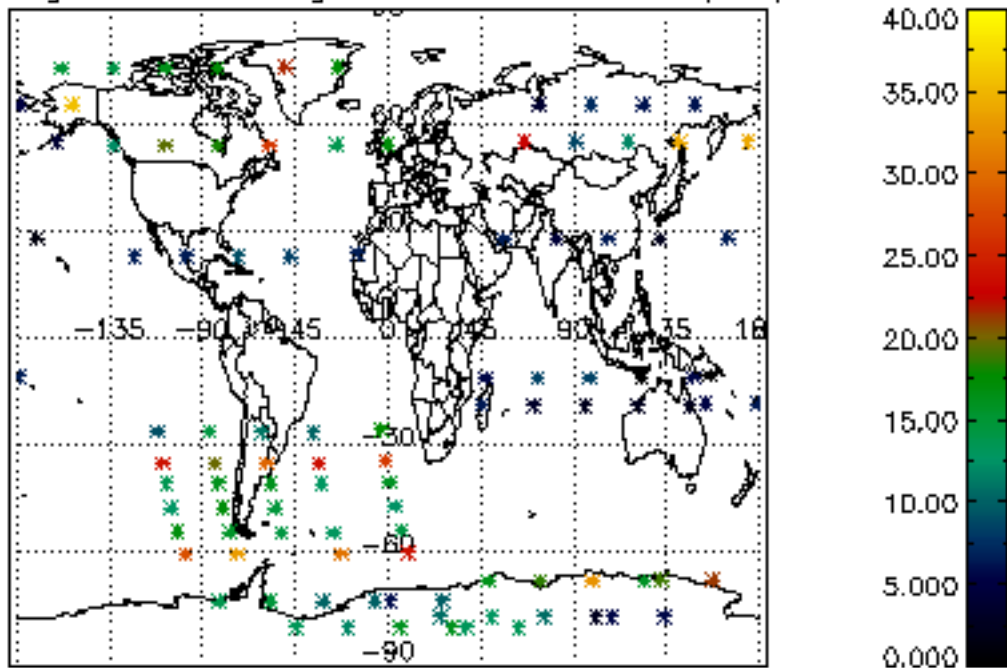
Percentage of cosmic ray hits per profile



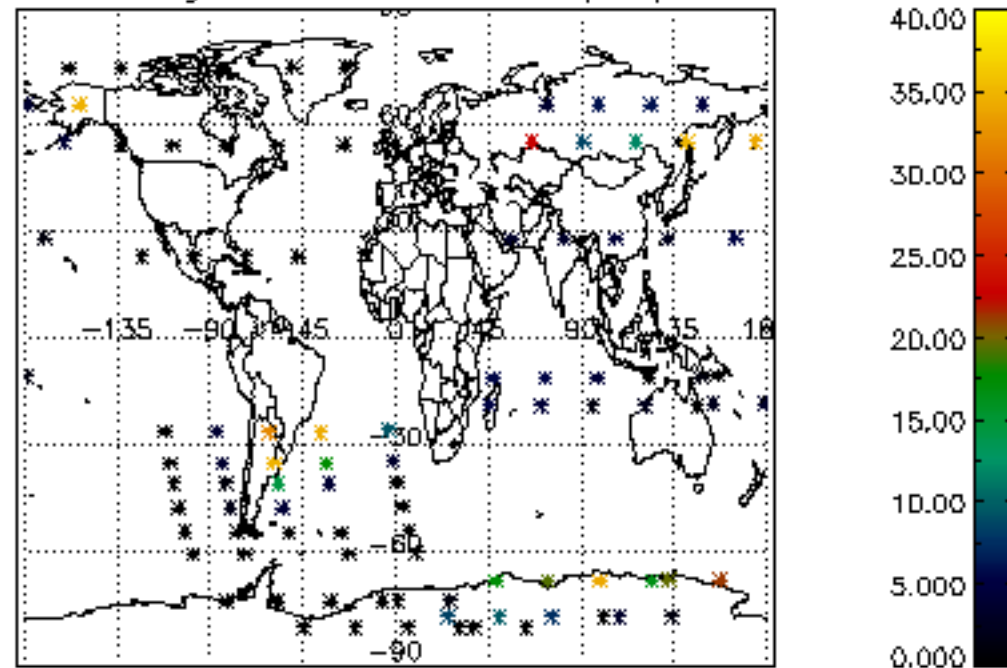
Percentage of datation errors per profile



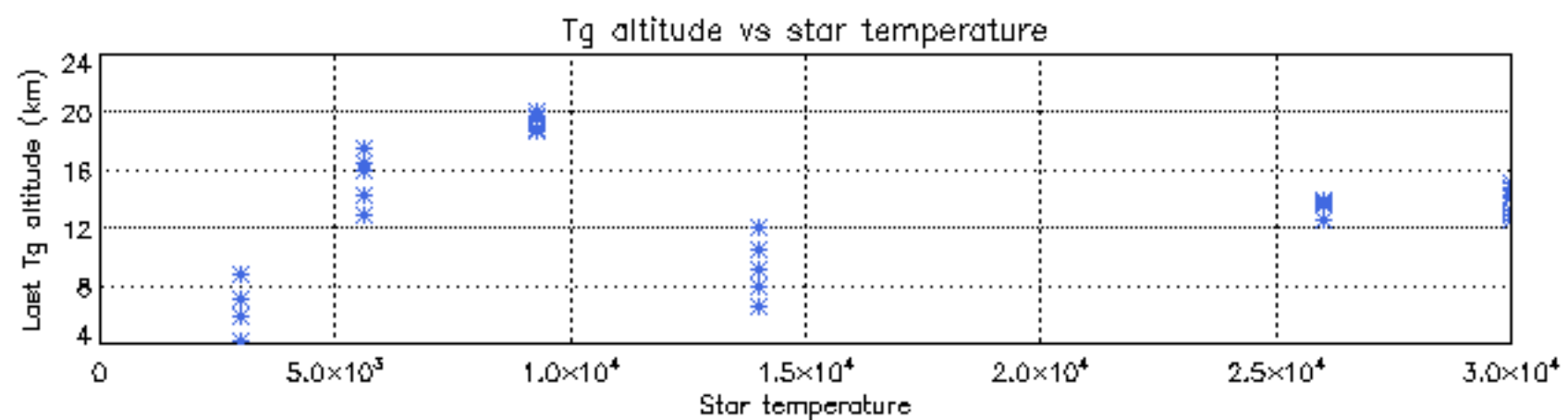
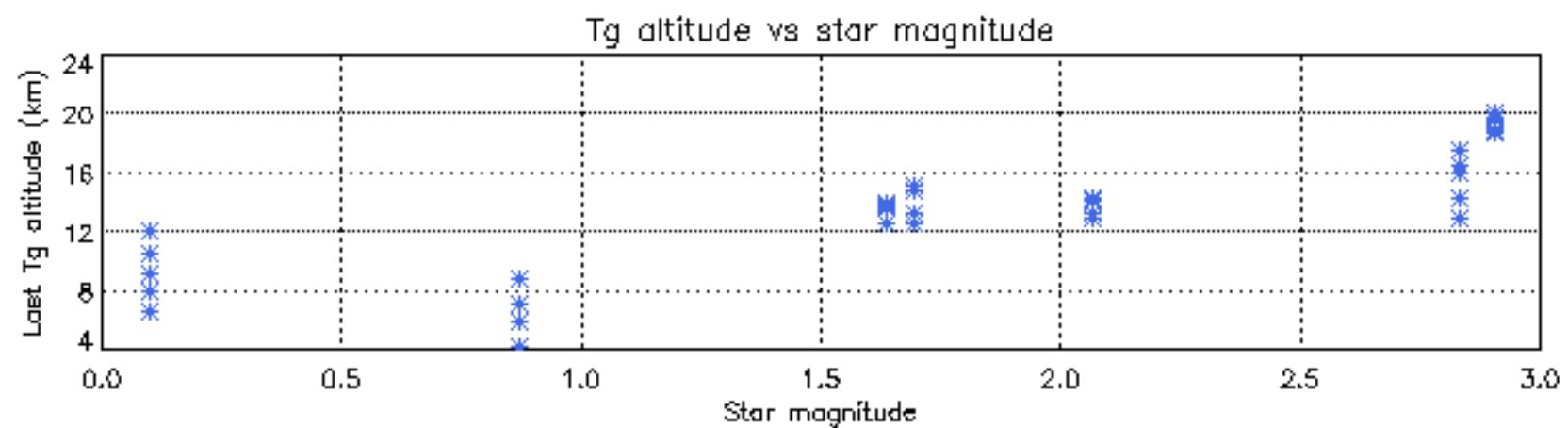
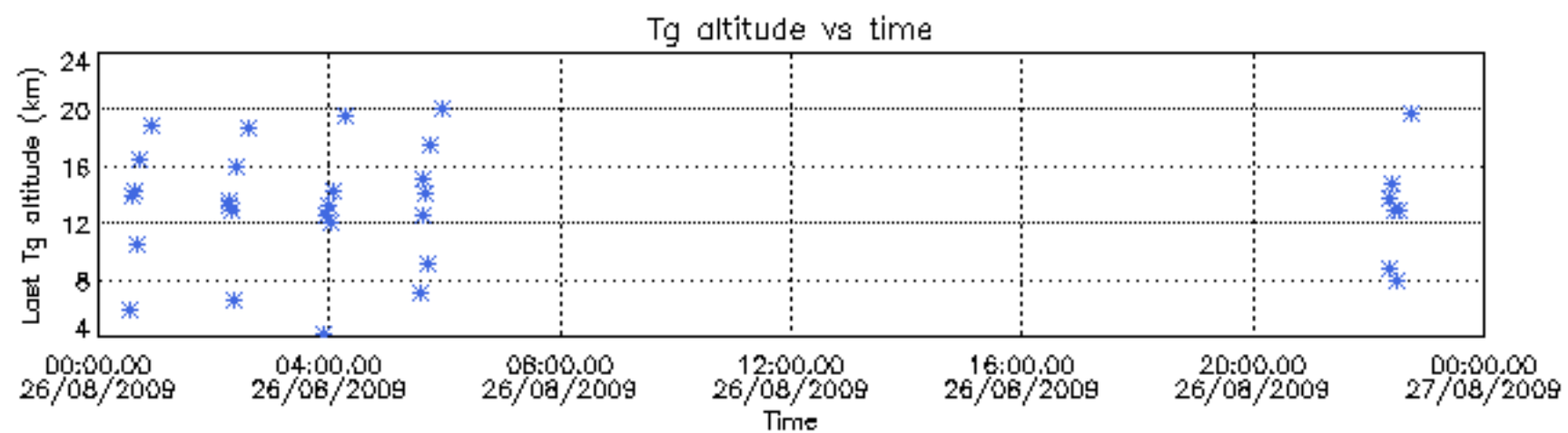
Percentage of star falling outside central band per profile



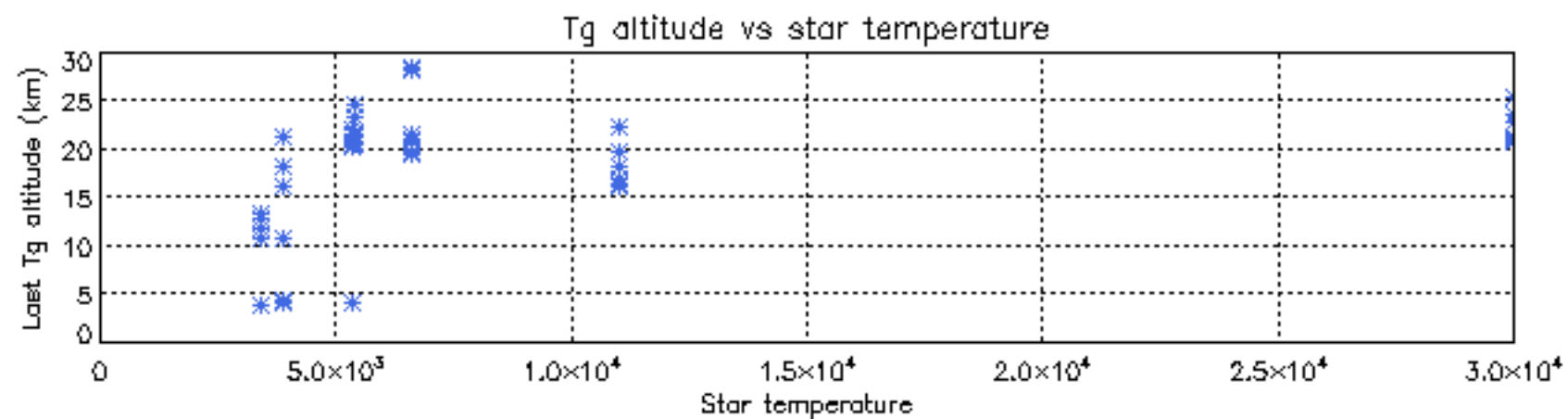
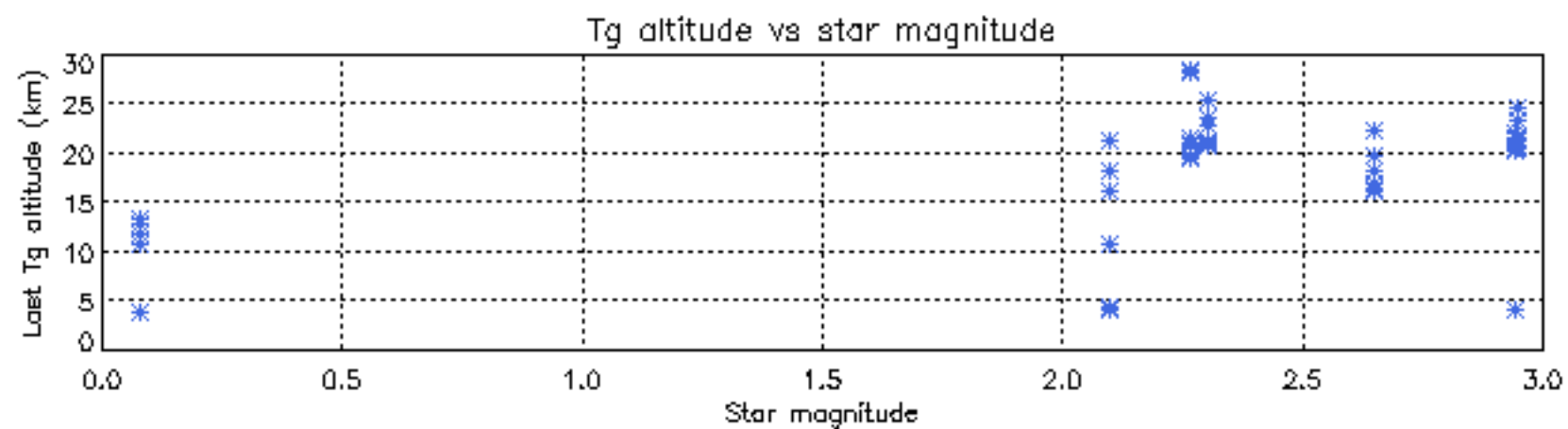
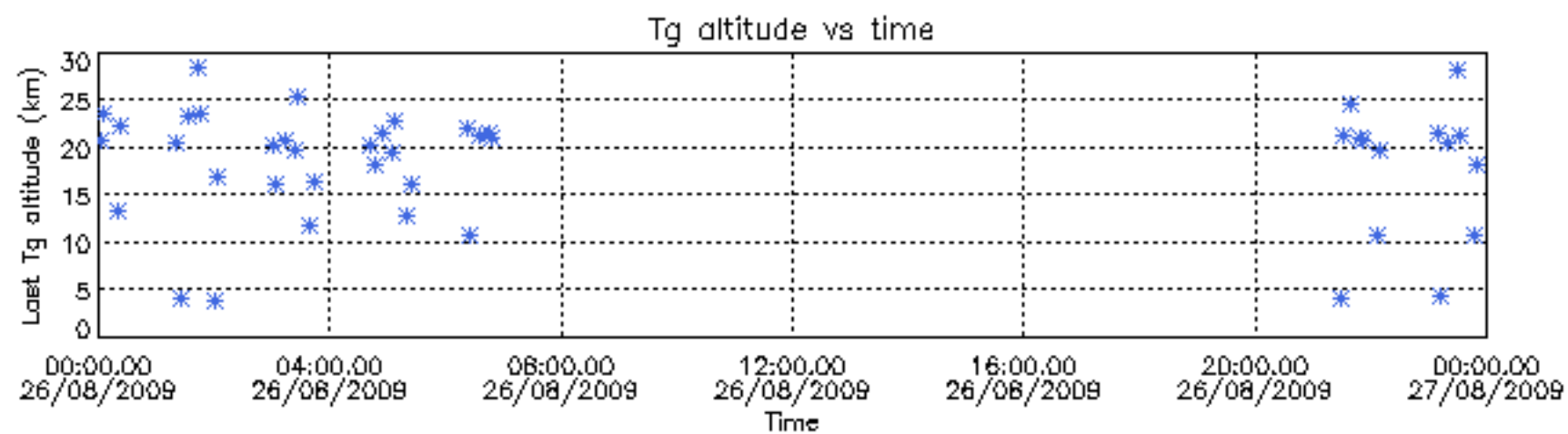
Percentage of saturation errors per profile

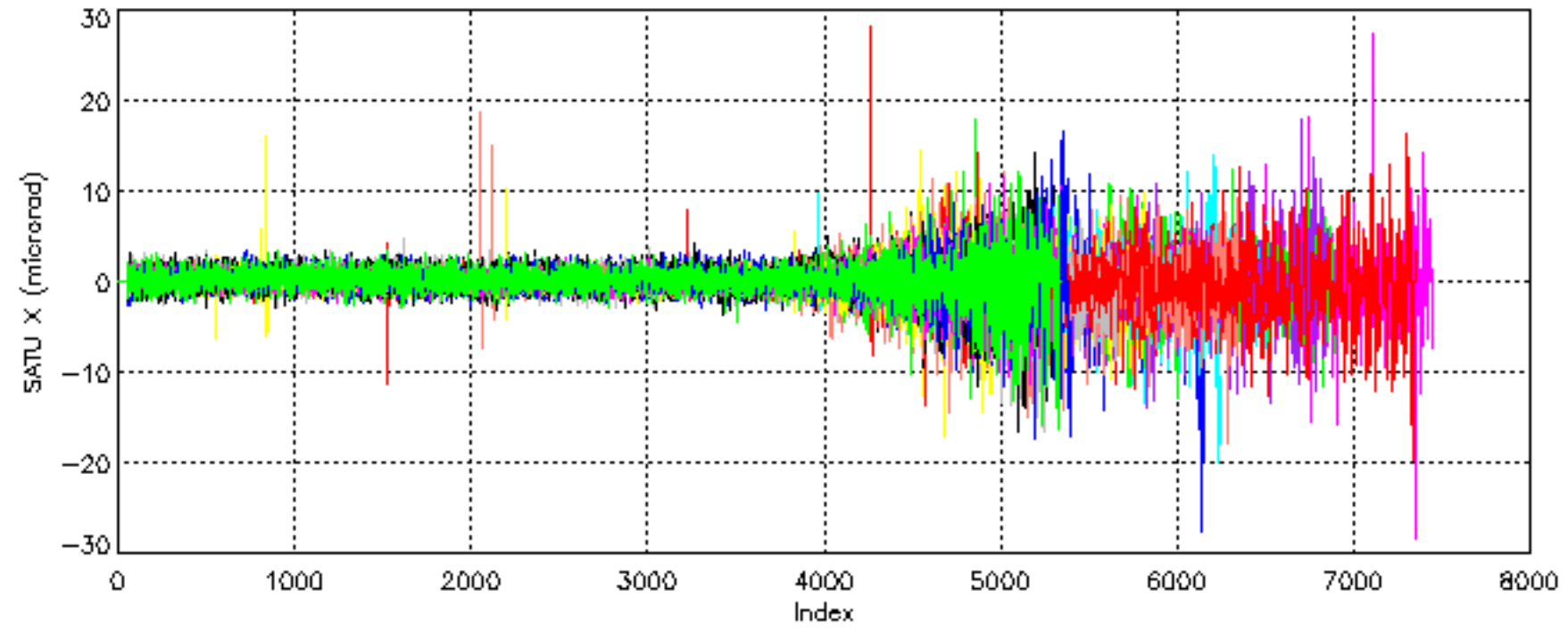


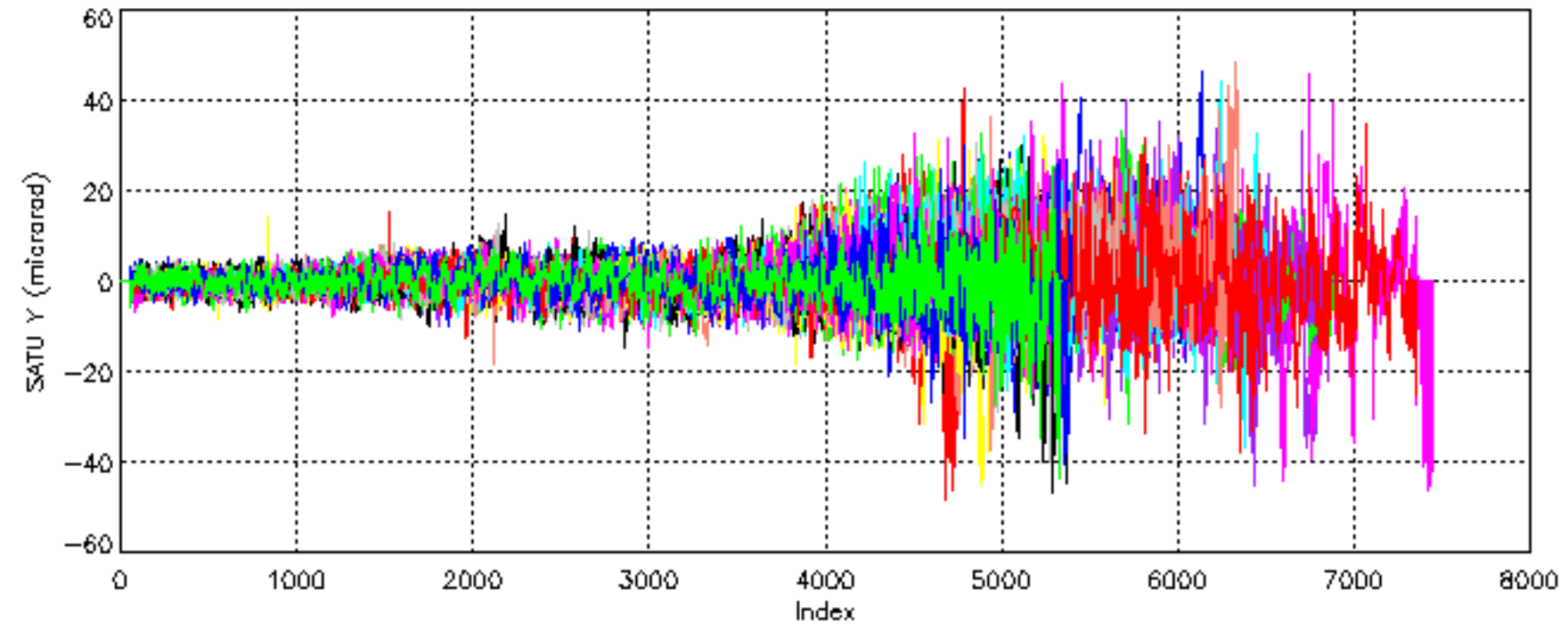
Tangent altitude at which the star is lost

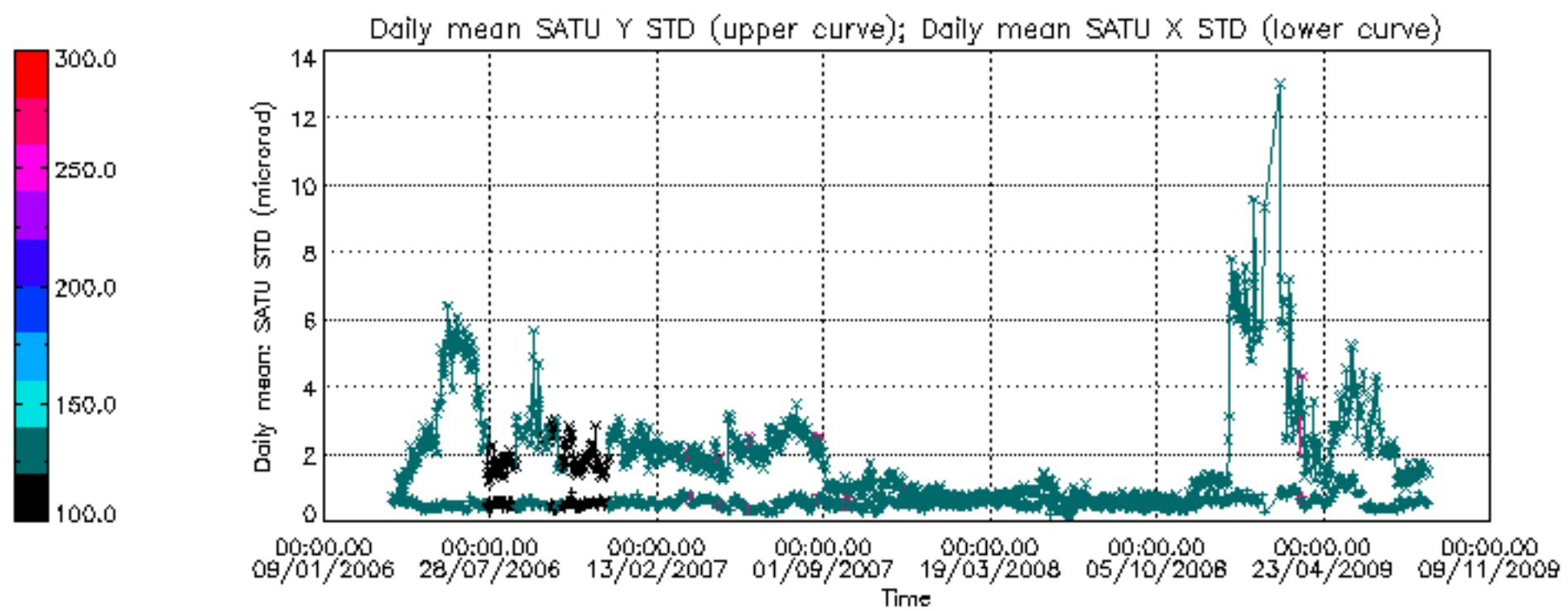


Tangent altitude at which the star is lost









/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
 6; 1108.3; 01-AUG-2009 02:33:46; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38792
 7; 1570.1; 01-AUG-2009 02:41:28; Bright; 51.0; 142; 49Del Cap ; 2.85; 8900;occ; 102; 0;38792
 8; 1823.6; 01-AUG-2009 02:45:41; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38792
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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
3; 1807.8; 07-AUG-2009 21:23:31; Bright; 67.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 134; 0;38889
4; 2164.4; 07-AUG-2009 21:29:28; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38889
5; 2535.7; 07-AUG-2009 21:35:39; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38889

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15; 4531.3; 07-AUG-2009 22:08:55; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38889
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3; 77.3; 07-AUG-2009 22:35:16; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38890
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5; 906.8; 07-AUG-2009 22:49:06; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;38890
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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10; 2535.3; 07-AUG-2009 23:16:14; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38890
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16; 3938.4; 07-AUG-2009 23:39:37; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38890
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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
12; 4310.2; 07-AUG-2009 08:40:26; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38881
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 12; 4310.1; 07-AUG-2009 10:21:02; Bright; 55.5; 149; 45Eps Per ; 2.89; 30000;occ; 111; 0;38882
 13; 4530.3; 07-AUG-2009 10:24:42; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38882
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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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 7; 3404.6; 07-AUG-2009 11:46:32; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38883
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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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 11; 4200.4; 07-AUG-2009 11:59:48; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38883
 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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 4; 2537.7; 07-AUG-2009 13:12:41; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38884
 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
 7; 3054.5; 07-AUG-2009 13:21:18; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38884
 8; 3403.9; 07-AUG-2009 13:27:07; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38884
 9; 3530.7; 07-AUG-2009 13:29:14; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38884


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11; 4049.2; 07-AUG-2009 13:37:53; Bright; 53.0; 35; 33Alp Per ; 1.79; 6250;occ; 106; 0;38884
12; 4200.5; 07-AUG-2009 13:40:24; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38884
13; 4310.0; 07-AUG-2009 13:42:13; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;38884
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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
15; 4837.8; 08-AUG-2009 13:19:24; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 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
20; 6123.0; 08-AUG-2009 13:40:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38898
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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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
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3; 1806.8; 08-AUG-2009 17:30:41; Bright; 66.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 132; 0;38901
4; 2157.9; 08-AUG-2009 17:36:32; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38901
5; 2531.6; 08-AUG-2009 17:42:46; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38901
6; 2722.6; 08-AUG-2009 17:45:57; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38901
7; 3048.7; 08-AUG-2009 17:51:23; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38901
8; 3390.1; 08-AUG-2009 17:57:04; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38901
9; 3518.0; 08-AUG-2009 17:59:12; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38901
10; 3933.4; 08-AUG-2009 18:06:08; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38901
11; 4042.8; 08-AUG-2009 18:07:57; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38901
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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16; 4839.4; 08-AUG-2009 18:21:14; Dark ; 63.5; 13; 87Alp Tau ; 0.87; 3800;occ; 127; 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
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19; 5571.0; 08-AUG-2009 20:14:01; Dark ; 62.0; 165; 34Gam Eri ; 2.95; 3200;occ; 124; 0;38902
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21; 6127.3; 08-AUG-2009 20:23:17; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38902
22; 6742.9; 08-AUG-2009 20:33:33; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38902
23; 6949.8; 08-AUG-2009 20:37:00; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;38902

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 4; 94.8; 09-AUG-2009 01:25:09; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38906
 5; 709.9; 09-AUG-2009 01:35:24; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;38906
 6; 915.3; 09-AUG-2009 01:38:49; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;38906
 7; 1203.9; 09-AUG-2009 01:43:38; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;38906
 8; 1805.9; 09-AUG-2009 01:53:40; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38906
 9; 2155.4; 09-AUG-2009 01:59:29; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38906
 10; 2529.8; 09-AUG-2009 02:05:44; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38906
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 6;-1369.2; 09-AUG-2009 02:41:20; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38906
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 8;-1080.7; 09-AUG-2009 02:46:09; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38906
 9; -802.8; 09-AUG-2009 02:50:47; Dark ; 50.5; 7; 19Bet Ori ; 0.10; 14000;occ; 101; 0;38906
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 2;-1995.3; 09-AUG-2009 04:11:30; Bright; 57.0; 35; 33Alp Per ; 1.79; 6250;occ; 114; 0;38907
 3;-1836.2; 09-AUG-2009 04:14:09; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38907
 4;-1728.2; 09-AUG-2009 04:15:58; Bright; 52.0; 149; 45Eps Per ; 2.89; 30000;occ; 104; 0;38907
 5;-1501.2; 09-AUG-2009 04:19:44; Dark ; 46.0; 28; 12Bet Tau ; 1.65; 15200;occ; 92; 0;38907
 6;-1369.1; 09-AUG-2009 04:21:57; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38907
 7;-1193.4; 09-AUG-2009 04:24:52; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;38907
 8;-1080.3; 09-AUG-2009 04:26:45; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38907
 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
 15; 1205.0; 09-AUG-2009 05:04:51; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38908
 16; 1581.4; 09-AUG-2009 05:11:07; Bright; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;38908
 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
 20; 2720.6; 09-AUG-2009 05:30:06; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38908
 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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 2;-1995.8; 09-AUG-2009 05:52:06; Bright; 51.5; 35; 33Alp Per ; 1.79; 6250;occ; 103; 0;38908
 3;-1836.2; 09-AUG-2009 05:54:45; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38908
 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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6; -1368.8; 09-AUG-2009 06:02:33; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38908
7; -1193.0; 09-AUG-2009 06:05:29; Dark ; 67.5; 13; 87Alp Tau ; 0.87; 3800;occ; 135; 0;38908
8; -1079.8; 09-AUG-2009 06:07:22; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38908
9; -801.6; 09-AUG-2009 06:12:00; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;38908
10; -457.3; 09-AUG-2009 06:17:44; Dark ; 63.5; 165; 34Gam Eri ; 2.95; 3200;occ; 127; 0;38908
11; -211.7; 09-AUG-2009 06:21:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 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
14; 917.2; 09-AUG-2009 06:40:39; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;38909
15; 1205.6; 09-AUG-2009 06:45:27; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38909
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17; 1805.8; 09-AUG-2009 06:55:28; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38909
18; 2153.9; 09-AUG-2009 07:01:16; Bright; 51.5; 61; 8Eps Peg ; 2.10; 3900;occ; 103; 0;38909
19; 2529.0; 09-AUG-2009 07:07:31; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38909
20; 2720.2; 09-AUG-2009 07:10:42; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38909
21; 3045.9; 09-AUG-2009 07:16:08; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38909
22; 3383.3; 09-AUG-2009 07:21:45; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38909
23; 3512.2; 09-AUG-2009 07:23:54; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38909
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3; 1805.1; 09-AUG-2009 20:20:14; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38917
4; 2149.9; 09-AUG-2009 20:25:59; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38917
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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15; 4669.5; 09-AUG-2009 21:07:59; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;38917
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
5; 721.3; 09-AUG-2009 21:42:46; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;38918
6; 921.7; 09-AUG-2009 21:46:07; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;38918
7; 1210.3; 09-AUG-2009 21:50:55; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38918
8; 1582.4; 09-AUG-2009 21:57:07; Bright; 64.0; 142; 49Del Cap ; 2.85; 8900;occ; 128; 0;38918
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10; 2149.4; 09-AUG-2009 22:06:34; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38918
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
15; 3505.7; 09-AUG-2009 22:29:11; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;38918
16; 3925.0; 09-AUG-2009 22:36:10; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;38918
17; 4036.0; 09-AUG-2009 22:38:01; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38918
18; 4199.2; 09-AUG-2009 22:40:44; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38918
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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3; 109.0; 09-AUG-2009 23:13:10; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38919
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
14; 3504.9; 10-AUG-2009 00:09:46; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38919
15; 3924.5; 10-AUG-2009 00:16:45; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38919
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18; 4306.4; 10-AUG-2009 00:23:07; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;38919
19; 4536.7; 10-AUG-2009 00:26:58; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38919
20; 4669.8; 10-AUG-2009 00:29:11; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38919
21; 4849.0; 10-AUG-2009 00:32:10; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38919
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
24; 5241.2; 10-AUG-2009 00:38:42; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;38919

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2;-1996.2; 09-AUG-2009 07:32:41; Bright; 56.0; 35; 33Alp Per ; 1.79; 6250;occ; 112; 0;38909
3;-1836.2; 09-AUG-2009 07:35:21; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38909
4;-1728.4; 09-AUG-2009 07:37:09; Bright; 51.5; 149; 45Eps Per ; 2.89; 30000;occ; 103; 0;38909
5;-1500.9; 09-AUG-2009 07:40:57; Dark ; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;38909
6;-1368.5; 09-AUG-2009 07:43:09; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38909
7;-1192.4; 09-AUG-2009 07:46:05; Dark ; 69.0; 13; 87Alp Tau ; 0.87; 3800;occ; 138; 0;38909
8;-1079.4; 09-AUG-2009 07:47:58; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38909
9; -800.9; 09-AUG-2009 07:52:37; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38909
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11; -210.8; 09-AUG-2009 08:02:27; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38909
12; 99.1; 09-AUG-2009 08:07:37; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38910
13; 713.6; 09-AUG-2009 08:17:51; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38910
14; 917.7; 09-AUG-2009 08:21:15; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;38910
15; 1206.2; 09-AUG-2009 08:26:04; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38910
16; 1581.7; 09-AUG-2009 08:32:19; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38910

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4; 2528.7; 09-AUG-2009 08:48:06; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38910
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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8; 3511.5; 09-AUG-2009 09:04:29; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38910
9; 3928.8; 09-AUG-2009 09:11:26; Bright; 74.0; 160; 23Gam Per ; 2.93; 4700;occ; 148; 0;38910
10; 4039.1; 09-AUG-2009 09:13:17; Bright; 56.5; 35; 33Alp Per ; 1.79; 6250;occ; 113; 0;38910
11; 4199.7; 09-AUG-2009 09:15:57; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38910
12; 4307.6; 09-AUG-2009 09:17:45; Bright; 54.0; 149; 45Eps Per ; 2.89; 30000;occ; 108; 0;38910
13; 4535.2; 09-AUG-2009 09:21:33; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38910
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17; 5235.5; 09-AUG-2009 09:33:13; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 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
23; 7242.5; 09-AUG-2009 10:06:40; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38910
24; 7617.8; 09-AUG-2009 10:12:55; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;38910

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3; 2528.3; 09-AUG-2009 10:28:42; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38911

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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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 3; 1804.0; 10-AUG-2009 18:08:00; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38930
 4; 1945.9; 10-AUG-2009 18:10:22; Bright; 31.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 62; 0;38930
 5; 2143.7; 10-AUG-2009 18:13:40; Bright; 60.0; 61; 8Eps Peg ; 2.10; 3900;occ; 120; 0;38930
 6; 2522.1; 10-AUG-2009 18:19:58; Bright; 58.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 116; 0;38930
 7; 2713.7; 10-AUG-2009 18:23:10; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38930
 8; 3038.9; 10-AUG-2009 18:28:35; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38930
 9; 3366.5; 10-AUG-2009 18:34:03; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38930
 10; 3496.7; 10-AUG-2009 18:36:13; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38930
 11; 3918.9; 10-AUG-2009 18:43:15; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38930
 12; 4031.1; 10-AUG-2009 18:45:07; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38930
 13; 4198.6; 10-AUG-2009 18:47:55; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38930
 14; 4305.3; 10-AUG-2009 18:49:41; Bright; 32.0; 149; 45Eps Per ; 2.89; 30000;occ; 64; 0;38930
 15; 4538.7; 10-AUG-2009 18:53:35; Dark ; 45.5; 28; 12Bet Tau ; 1.65; 15200;occ; 91; 0;38930
 16; 4672.8; 10-AUG-2009 18:55:49; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38930
 17; 4855.2; 10-AUG-2009 18:58:51; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38930
 18; 4966.3; 10-AUG-2009 19:00:42; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;38930
 19; 5073.9; 10-AUG-2009 19:02:30; Dark ; 43.0; 72; 34Del Ori ; 2.25; 30000;occ; 86; 0;38930
 20; 5248.4; 10-AUG-2009 19:05:25; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;38930
 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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 3; 125.7; 11-AUG-2009 00:22:25; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38934
 4; 736.0; 11-AUG-2009 00:32:36; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38934
 5; 1218.1; 11-AUG-2009 00:40:38; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38934
 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
 8; 1944.2; 11-AUG-2009 00:52:44; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38934
 9; 2141.7; 11-AUG-2009 00:56:01; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38934
 10; 2521.0; 11-AUG-2009 01:02:21; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38934
 11; 2712.6; 11-AUG-2009 01:05:32; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;38934
 12; 3037.3; 11-AUG-2009 01:10:57; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38934
 13; 3363.2; 11-AUG-2009 01:16:23; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;38934
 14; 3493.7; 11-AUG-2009 01:18:34; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38934
 15; 3916.7; 11-AUG-2009 01:25:36; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38934
 16; 4029.5; 11-AUG-2009 01:27:29; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38934
 17; 4198.4; 11-AUG-2009 01:30:18; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;38934
 18; 4539.2; 11-AUG-2009 01:35:59; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38934
 19; 4673.9; 11-AUG-2009 01:38:14; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38934
 20; 4857.3; 11-AUG-2009 01:41:17; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38934
 21; 4968.1; 11-AUG-2009 01:43:08; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38934
 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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3; -422.1; 11-AUG-2009 01:53:54; Dark ; 62.0; 165; 34Gam Eri ; 2.95; 3200;occ; 124; 0;38934
4; -189.2; 11-AUG-2009 01:57:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38934
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
8; 1584.2; 11-AUG-2009 02:27:20; Bright; 64.0; 142; 49Del Cap ; 2.85; 8900;occ; 128; 0;38935
9; 1803.5; 11-AUG-2009 02:30:59; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38935
10; 1944.0; 11-AUG-2009 02:33:20; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38935
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
13; 2712.3; 11-AUG-2009 02:46:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38935
14; 3036.9; 11-AUG-2009 02:51:33; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;38935
15; 3362.6; 11-AUG-2009 02:56:58; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38935
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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3; -1837.5; 11-AUG-2009 03:10:54; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;38935
4; -1496.5; 11-AUG-2009 03:16:35; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38935
5; -1361.8; 11-AUG-2009 03:18:50; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38935
6; -1178.0; 11-AUG-2009 03:21:54; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38935
7; -1067.2; 11-AUG-2009 03:23:44; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;38935
8; -951.4; 11-AUG-2009 03:25:40; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;38935
9; -784.6; 11-AUG-2009 03:28:27; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;38935
10; -420.5; 11-AUG-2009 03:34:31; Dark ; 66.5; 165; 34Gam Eri ; 2.95; 3200;occ; 133; 0;38935
11; -188.3; 11-AUG-2009 03:38:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38935
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
14; 1219.3; 11-AUG-2009 04:01:51; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38936
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
18; 2140.9; 11-AUG-2009 04:17:12; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38936
19; 2520.3; 11-AUG-2009 04:23:32; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38936
20; 2712.1; 11-AUG-2009 04:26:44; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38936
21; 3037.0; 11-AUG-2009 04:32:09; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38936
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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3; -1837.6; 11-AUG-2009 04:51:30; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38936
4; -1496.2; 11-AUG-2009 04:57:11; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38936
5; -1361.4; 11-AUG-2009 04:59:26; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;38936
6; -1177.3; 11-AUG-2009 05:02:30; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38936
7; -1066.7; 11-AUG-2009 05:04:21; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;38936
8; -951.0; 11-AUG-2009 05:06:17; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38936
9; -783.8; 11-AUG-2009 05:09:04; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;38936
10; -419.1; 11-AUG-2009 05:15:09; Dark ; 67.0; 165; 34Gam Eri ; 2.95; 3200;occ; 134; 0;38936
11; -187.4; 11-AUG-2009 05:19:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38936
12; 129.0; 11-AUG-2009 05:24:17; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;38937
13; 738.9; 11-AUG-2009 05:34:26; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;38937
14; 1220.0; 11-AUG-2009 05:42:28; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38937
15; 1584.4; 11-AUG-2009 05:48:32; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38937
16; 1803.6; 11-AUG-2009 05:52:11; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38937
17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38937
18; 2140.3; 11-AUG-2009 05:57:48; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38937
19; 2520.3; 11-AUG-2009 06:04:08; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38937
20; 2711.8; 11-AUG-2009 06:07:19; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38937
21; 3036.6; 11-AUG-2009 06:12:44; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38937
22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
23; 3491.5; 11-AUG-2009 06:20:19; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38937
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2; 1585.4; 11-AUG-2009 20:53:56; Bright; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;38946
3; 1802.7; 11-AUG-2009 20:57:34; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38946

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5; 2136.5; 11-AUG-2009 21:03:08; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38946
6; 2517.3; 11-AUG-2009 21:09:28; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38946
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8; 3033.8; 11-AUG-2009 21:18:05; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38946
9; 3353.7; 11-AUG-2009 21:23:25; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38946
10; 3484.7; 11-AUG-2009 21:25:36; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38946
11; 3910.7; 11-AUG-2009 21:32:42; Bright; 59.5; 160; 23Gam Per ; 2.93; 4700;occ; 119; 0;38946
12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
13; 4098.3; 11-AUG-2009 21:35:49; Bright; 50.0; 175; 39Del Per ; 3.01; 19400;occ; 100; 0;38946
14; 4541.6; 11-AUG-2009 21:43:13; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38946
15; 4677.2; 11-AUG-2009 21:45:28; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38946
16; 4864.4; 11-AUG-2009 21:48:35; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38946
17; 4974.2; 11-AUG-2009 21:50:25; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38946
18; 5089.9; 11-AUG-2009 21:52:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38946
19; 5173.2; 11-AUG-2009 21:53:44; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;38946
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5; 748.0; 11-AUG-2009 22:20:35; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;38947
6; 1224.8; 11-AUG-2009 22:28:32; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38947
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9; 1939.9; 11-AUG-2009 22:40:27; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38947
10; 2136.3; 11-AUG-2009 22:43:43; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38947
11; 2517.3; 11-AUG-2009 22:50:04; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38947
12; 2709.1; 11-AUG-2009 22:53:16; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38947
13; 3033.5; 11-AUG-2009 22:58:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38947
14; 3353.0; 11-AUG-2009 23:04:00; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38947
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16; 3910.2; 11-AUG-2009 23:13:17; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38947
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18; 4098.0; 11-AUG-2009 23:16:25; Bright; 64.0; 175; 39Del Per ; 3.01; 19400;occ; 128; 0;38947
19; 4541.8; 11-AUG-2009 23:23:49; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38947
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21; 4864.9; 11-AUG-2009 23:29:12; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;38947
22; 4974.7; 11-AUG-2009 23:31:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38947
23; 5090.4; 11-AUG-2009 23:32:57; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38947
24; 5173.7; 11-AUG-2009 23:34:21; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38947
25; 5259.4; 11-AUG-2009 23:35:46; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38947

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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
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7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
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9; 2135.7; 12-AUG-2009 00:24:18; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38948
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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
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17; 4097.8; 12-AUG-2009 00:57:01; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38948
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19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
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21; 4975.2; 12-AUG-2009 01:11:38; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38948
22; 5091.0; 12-AUG-2009 01:13:34; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38948
23; 5174.4; 12-AUG-2009 01:14:57; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38948
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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 13; 740.0; 11-AUG-2009 07:15:04; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;38938
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 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
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 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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 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
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 6; 3036.1; 11-AUG-2009 09:33:56; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38939
 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
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 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
 14; 4860.3; 11-AUG-2009 10:04:20; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38939
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 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
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 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
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 3; 2139.2; 11-AUG-2009 10:59:35; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38940


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8; 3489.3; 11-AUG-2009 11:22:05; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38940
9; 3913.7; 11-AUG-2009 11:29:09; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38940
10; 4026.9; 11-AUG-2009 11:31:02; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38940
11; 4100.5; 11-AUG-2009 11:32:16; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38940
12; 4540.6; 11-AUG-2009 11:39:36; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38940
13; 4675.3; 11-AUG-2009 11:41:51; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38940
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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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11; 4100.2; 11-AUG-2009 13:12:51; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38941
12; 4540.7; 11-AUG-2009 13:20:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38941
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6; 2710.6; 11-AUG-2009 14:30:18; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38942
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13; 3473.5; 12-AUG-2009 22:34:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;38961
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23; 5269.0; 12-AUG-2009 23:04:19; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;38961

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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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 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
 3; 1801.2; 13-AUG-2009 19:54:18; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38974
 4; 1931.6; 13-AUG-2009 19:56:29; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38974
 5; 2125.4; 13-AUG-2009 19:59:42; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38974
 6; 2510.3; 13-AUG-2009 20:06:07; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38974
 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
 17; 4988.8; 13-AUG-2009 20:47:26; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38974
 18; 5104.9; 13-AUG-2009 20:49:22; Dark ; 18.5; 30; 46Eps Ori ; 1.69; 30000;occ; 37; 0;38974

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 3; -757.7; 13-AUG-2009 20:52:15; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 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
 8; 1588.5; 13-AUG-2009 21:31:21; Bright; 62.0; 142; 49Del Cap ; 2.85; 8900;occ; 124; 0;38975
 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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26; 5279.0; 13-AUG-2009 22:32:52; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 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
11; 3024.5; 13-AUG-2009 23:35:53; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38976
12; 3329.9; 13-AUG-2009 23:40:59; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38976
13; 3462.3; 13-AUG-2009 23:43:11; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38976
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
17; 4364.9; 13-AUG-2009 23:58:14; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;38976
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
20; 4883.1; 14-AUG-2009 00:06:52; Dark ; 47.0; 13; 87Alp Tau ; 0.87; 3800;occ; 94; 0;38976
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
6; -1159.2; 13-AUG-2009 07:20:46; Dark ; 68.0; 13; 87Alp Tau ; 0.87; 3800;occ; 136; 0;38966
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
15; 1587.6; 13-AUG-2009 08:06:33; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 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
17; 5273.3; 13-AUG-2009 09:07:59; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38967
18; 5876.5; 13-AUG-2009 09:18:02; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38967
19; 6200.1; 13-AUG-2009 09:23:26; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38967
20; 6802.8; 13-AUG-2009 09:33:28; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38967
21; 7270.5; 13-AUG-2009 09:41:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38967
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3; 2127.5; 13-AUG-2009 09:56:09; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38968
4; 2511.5; 13-AUG-2009 10:02:33; Bright; 57.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 114; 0;38968
5; 3027.1; 13-AUG-2009 10:11:08; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38968
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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
8; 3898.6; 13-AUG-2009 10:25:40; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38968
9; 4090.8; 13-AUG-2009 10:28:52; Bright; 53.0; 175; 39Del Per ; 3.01; 19400;occ; 106; 0;38968
10; 4196.4; 13-AUG-2009 10:30:38; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38968
11; 4364.1; 13-AUG-2009 10:33:25; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38968
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
14; 4878.1; 13-AUG-2009 10:41:59; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38968
15; 4985.4; 13-AUG-2009 10:43:47; Dark ; 44.5; 27; 24Gam Ori ; 1.64; 26000;occ; 89; 0;38968
16; 5101.6; 13-AUG-2009 10:45:43; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38968
17; 5185.5; 13-AUG-2009 10:47:07; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38968
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
20; 6201.3; 13-AUG-2009 11:04:03; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38968
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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3; 1933.0; 13-AUG-2009 11:33:30; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 1;38969
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5; 2511.5; 13-AUG-2009 11:43:09; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;38969
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7; 3335.3; 13-AUG-2009 11:56:53; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38969
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
13; 4545.8; 13-AUG-2009 12:17:03; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38969
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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19; 5274.7; 13-AUG-2009 12:29:12; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;38969
20; 5878.3; 13-AUG-2009 12:39:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38969
21; 6202.3; 13-AUG-2009 12:44:40; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38969
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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4; 3315.0; 15-AUG-2009 07:32:06; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38995
5; 3448.0; 15-AUG-2009 07:34:19; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38995
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16; 6827.1; 15-AUG-2009 08:30:39; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38995
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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 7; 4366.3; 15-AUG-2009 11:10:49; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38997
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12; 813.7; 17-AUG-2009 05:47:11; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39023
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
19; 3426.9; 17-AUG-2009 06:30:44; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 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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13; 4943.2; 17-AUG-2009 22:01:24; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39032
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5; 240.7; 17-AUG-2009 22:23:37; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39033
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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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17; 4558.1; 17-AUG-2009 23:35:35; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;39033
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21; 5226.0; 17-AUG-2009 23:46:43; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39033
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5; 822.7; 18-AUG-2009 00:13:55; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;39034
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9; 1916.3; 18-AUG-2009 00:32:09; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;39034
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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
13; 3500.3; 18-AUG-2009 00:58:33; Bright; 48.0; 110; 37Del Cas ; 2.68; 8900;occ; 96; 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
12; 814.6; 17-AUG-2009 07:27:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;39024
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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 5; 844.9; 19-AUG-2009 23:11:03; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39062
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 11; 3263.1; 19-AUG-2009 23:51:21; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39062
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 13; 4187.5; 20-AUG-2009 00:06:46; Bright; 50.5; 6; 13Alp Aur ; 0.08; 3400;occ; 101; 0;39062
 14; 4370.7; 20-AUG-2009 00:09:49; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39062
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 20; 5247.1; 20-AUG-2009 00:24:25; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39062
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12; 264.8; 19-AUG-2009 07:56:00; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39053
13; 837.9; 19-AUG-2009 08:05:33; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39053
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 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
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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
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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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 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
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18; 6909.6; 22-AUG-2009 14:54:17; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39099
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 3; 2090.8; 22-AUG-2009 15:14:34; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39100
 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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 6; 4182.6; 22-AUG-2009 15:49:26; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;39100
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 9; 4726.9; 22-AUG-2009 15:58:30; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39100
10; 4977.9; 22-AUG-2009 16:02:41; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;39100
11; 5070.8; 22-AUG-2009 16:04:14; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39100
12; 5188.4; 22-AUG-2009 16:06:12; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39100
13; 5277.2; 22-AUG-2009 16:07:41; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;39100
14; 5388.4; 22-AUG-2009 16:09:32; Dark ; 71.5; 7; 19Bet Ori ; 0.10; 14000;occ; 143; 0;39100
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13; 5189.0; 22-AUG-2009 17:46:48; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;39101
14; 5277.9; 22-AUG-2009 17:48:17; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39101
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16; 5487.1; 22-AUG-2009 17:51:46; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;39101
17; 5662.3; 22-AUG-2009 17:54:42; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39101
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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
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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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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
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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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 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
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 7; 4180.1; 23-AUG-2009 18:38:58; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;39116
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13; 5201.0; 23-AUG-2009 18:55:59; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;39116
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
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 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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 8; 4374.0; 23-AUG-2009 20:22:48; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39117
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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
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13; 5201.7; 23-AUG-2009 20:36:36; Dark ; 56.0; 30; 46Eps Ori ; 1.69; 30000;occ; 112; 0;39117
14; 5291.3; 23-AUG-2009 20:38:06; Dark ; 52.0; 125; 44Iot Ori ; 2.77; 30000;occ; 104; 0;39117
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 6; 3355.6; 23-AUG-2009 21:46:26; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;39118
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 8; 4374.2; 23-AUG-2009 22:03:24; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39118
 9; 4652.8; 23-AUG-2009 22:08:03; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;39118
 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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 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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 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
 13; 3354.8; 23-AUG-2009 23:27:01; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39119
 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
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 21; 5293.0; 23-AUG-2009 23:59:19; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39119
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 5; 888.0; 24-AUG-2009 00:26:30; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39120
 6; 1294.4; 24-AUG-2009 00:33:16; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39120
 7; 1902.8; 24-AUG-2009 00:43:25; Bright; 61.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 122; 0;39120
 8; 2086.9; 24-AUG-2009 00:46:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;39120
 9; 2570.7; 24-AUG-2009 00:54:33; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39120
 10; 3220.7; 24-AUG-2009 01:05:23; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39120
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 13; 4374.2; 24-AUG-2009 01:24:36; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39120
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 16; 4989.2; 24-AUG-2009 01:34:51; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39120
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 4; -472.0; 24-AUG-2009 01:44:26; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39120
 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
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 12; 5108.7; 25-AUG-2009 19:31:49; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39145
 13; 5226.2; 25-AUG-2009 19:33:46; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39145
 14; 5343.4; 25-AUG-2009 19:35:44; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39145
 15; 5438.4; 25-AUG-2009 19:37:19; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39145
 16; 5587.5; 25-AUG-2009 19:39:48; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39145
 17; 5703.5; 25-AUG-2009 19:41:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39145
 18; 6414.6; 25-AUG-2009 19:53:35; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39145
 19; 6942.1; 25-AUG-2009 20:02:22; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;39145

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

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 3; -806.3; 26-AUG-2009 02:16:13; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;39149
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 7; -328.5; 26-AUG-2009 02:24:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39149
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 9; 908.8; 26-AUG-2009 02:44:48; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39150
 10; 1304.5; 26-AUG-2009 02:51:24; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39150
 11; 1900.2; 26-AUG-2009 03:01:20; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39150
 12; 2083.0; 26-AUG-2009 03:04:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39150
 13; 2549.9; 26-AUG-2009 03:12:09; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39150
 14; 3199.6; 26-AUG-2009 03:22:59; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39150
 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
 15; 1900.1; 26-AUG-2009 04:41:56; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39151
 16; 2082.8; 26-AUG-2009 04:44:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39151
 17; 2549.1; 26-AUG-2009 04:52:45; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39151
 18; 3199.0; 26-AUG-2009 05:03:35; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39151
 19; 3331.4; 26-AUG-2009 05:05:47; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39151

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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
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11; -326.5; 26-AUG-2009 05:45:25; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39151
12; 386.1; 26-AUG-2009 05:57:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39152
13; 910.3; 26-AUG-2009 06:06:02; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39152
14; 1305.3; 26-AUG-2009 06:12:37; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39152
15; 1900.0; 26-AUG-2009 06:22:31; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39152
16; 2082.7; 26-AUG-2009 06:25:34; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;39152
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18; 3198.4; 26-AUG-2009 06:44:10; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39152
19; 3330.5; 26-AUG-2009 06:46:22; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39152
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3; 1899.2; 26-AUG-2009 21:27:54; Bright; 59.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 118; 0;39161
4; 2081.3; 26-AUG-2009 21:30:56; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;39161
5; 2542.6; 26-AUG-2009 21:38:38; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39161
6; 3192.1; 26-AUG-2009 21:49:27; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39161
7; 3323.8; 26-AUG-2009 21:51:39; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39161
8; 4172.0; 26-AUG-2009 22:05:47; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39161
9; 4376.0; 26-AUG-2009 22:09:11; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39161
10; 4587.0; 26-AUG-2009 22:12:42; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39161
11; 4765.7; 26-AUG-2009 22:15:41; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39161
12; 5014.5; 26-AUG-2009 22:19:49; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;39161
13; 5123.5; 26-AUG-2009 22:21:38; Dark ; 63.5; 27; 24Gam Ori ; 1.64; 26000;occ; 127; 0;39161
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3; -578.2; 26-AUG-2009 22:27:13; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;39161
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6; 398.3; 26-AUG-2009 22:43:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39162
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13; 3323.1; 26-AUG-2009 23:32:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39162
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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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6; 4173.8; 26-AUG-2009 10:21:37; Bright; 69.0; 6; 13Alp Aur ; 0.08; 3400;occ; 138; 0;39154
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; -1659.3; 28-AUG-2009 02:39:22; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39178
3; -1444.4; 28-AUG-2009 02:42:57; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;39178
4; -1366.4; 28-AUG-2009 02:44:15; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;39178
5; -1264.3; 28-AUG-2009 02:45:57; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39178
6; -1009.9; 28-AUG-2009 02:50:11; Dark ; 68.5; 14; 58Alp Ori ; 0.87; 3000;occ; 137; 0;39178
7; -778.6; 28-AUG-2009 02:54:03; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39178
8; -556.2; 28-AUG-2009 02:57:45; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;39178
9; -415.0; 28-AUG-2009 03:00:06; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39178
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2; 928.7; 28-AUG-2009 05:03:06; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39180
3; 1313.8; 28-AUG-2009 05:09:31; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39180
4; 1898.0; 28-AUG-2009 05:19:15; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;39180
5; 2282.6; 28-AUG-2009 05:25:40; Bright; 45.0; 90; 54Alp Peg ; 2.49; 11000;occ; 90; 0;39180
6; 2530.8; 28-AUG-2009 05:29:48; Bright; 67.0; 164; 44Eta Peg ; 2.95; 5400;occ; 134; 0;39180

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4;-1365.9; 28-AUG-2009 06:05:27; Dark ; 43.5; 151; 13Mu Gem ; 2.89; 3000;occ; 87; 0;39180
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3;-1008.5; 28-AUG-2009 06:11:25; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 0;39180
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3; -297.0; 28-AUG-2009 06:23:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39180
4; 421.7; 28-AUG-2009 06:35:15; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39181
5; 929.2; 28-AUG-2009 06:43:43; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39181
6; 1314.2; 28-AUG-2009 06:50:07; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39181
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3; 2529.7; 28-AUG-2009 08:50:59; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39182
4; 3177.8; 28-AUG-2009 09:01:47; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39182
5; 3308.7; 28-AUG-2009 09:03:58; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39182
6; 4168.1; 28-AUG-2009 09:18:17; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;39182
7; 4376.9; 28-AUG-2009 09:21:46; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39182
8; 4592.6; 28-AUG-2009 09:25:22; Dark ; 33.0; 28; 12Bet Tau ; 1.65; 15200;occ; 66; 0;39182
9; 4670.7; 28-AUG-2009 09:26:40; Dark ; 55.5; 151; 13Mu Gem ; 2.89; 3000;occ; 111; 0;39182
10; 4773.0; 28-AUG-2009 09:28:22; Dark ; 50.0; 44; 24Gam Gem ; 1.93; 11000;occ; 100; 0;39182
11; 5028.8; 28-AUG-2009 09:32:38; Dark ; 72.0; 14; 58Alp Ori ; 0.87; 3000;occ; 144; 0;39182
12; 5259.5; 28-AUG-2009 09:36:29; Dark ; 59.5; 33; 50Zet Ori ; 1.77; 30000;occ; 119; 0;39182
13; 5376.1; 28-AUG-2009 09:38:25; Dark ; 54.0; 56; 53Kap Ori ; 2.07; 30000;occ; 108; 0;39182
14; 5485.1; 28-AUG-2009 09:40:14; Dark ; 68.5; 7; 19Bet Ori ; 0.10; 14000;occ; 137; 0;39182
15; 5625.0; 28-AUG-2009 09:42:34; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;39182
16; 5741.0; 28-AUG-2009 09:44:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39182
17; 6460.0; 28-AUG-2009 09:56:29; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39182
18; 6966.4; 28-AUG-2009 10:04:56; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;39182
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3; 2529.1; 28-AUG-2009 10:31:34; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;39183
4; 3177.0; 28-AUG-2009 10:42:22; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;39183
5; 3308.0; 28-AUG-2009 10:44:33; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39183
6; 4167.9; 28-AUG-2009 10:58:53; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39183
7; 4377.0; 28-AUG-2009 11:02:22; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39183
8; 4592.9; 28-AUG-2009 11:05:58; Dark ; 33.0; 28; 12Bet Tau ; 1.65; 15200;occ; 66; 0;39183
9; 4670.9; 28-AUG-2009 11:07:16; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39183
10; 4773.3; 28-AUG-2009 11:08:58; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39183
11; 5029.5; 28-AUG-2009 11:13:15; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39183
12; 5260.3; 28-AUG-2009 11:17:05; Dark ; 58.0; 33; 50Zet Ori ; 1.77; 30000;occ; 116; 0;39183
13; 5376.9; 28-AUG-2009 11:19:02; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39183
14; 5486.5; 28-AUG-2009 11:20:52; Dark ; 73.0; 7; 19Bet Ori ; 0.10; 14000;occ; 146; 0;39183
15; 5626.2; 28-AUG-2009 11:23:11; Dark ; 51.0; 139; 9Bet Lep ; 2.83; 5600;occ; 102; 0;39183
16; 5742.0; 28-AUG-2009 11:25:07; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39183
17; 6461.3; 28-AUG-2009 11:37:06; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39183
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4; 3176.4; 28-AUG-2009 12:22:57; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39184
5; 3307.3; 28-AUG-2009 12:25:08; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39184
6; 4167.6; 28-AUG-2009 12:39:29; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;39184
7; 4376.8; 28-AUG-2009 12:42:58; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39184
8; 4593.1; 28-AUG-2009 12:46:34; Dark ; 25.0; 28; 12Bet Tau ; 1.65; 15200;occ; 50; 0;39184
9; 4671.2; 28-AUG-2009 12:47:52; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;39184
10; 4773.6; 28-AUG-2009 12:49:35; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39184
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13; 5377.7; 28-AUG-2009 12:59:39; Dark ; 51.0; 56; 53Kap Ori ; 2.07; 30000;occ; 102; 0;39184
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16; 5743.0; 28-AUG-2009 13:05:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39184
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4; 3175.6; 28-AUG-2009 14:03:32; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;39185
5; 3306.8; 28-AUG-2009 14:05:44; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;39185
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7; 4376.9; 28-AUG-2009 14:23:34; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;39185
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7; -594.7; 31-AUG-2009 04:43:27; Dark ; 48.0; 47; 2Bet CMA ; 1.98; 28000;occ; 96; 0;39222
8; -427.8; 31-AUG-2009 04:46:14; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;39222
9; -251.4; 31-AUG-2009 04:49:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39222
10; 472.9; 31-AUG-2009 05:01:15; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39223
11; 955.2; 31-AUG-2009 05:09:17; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39223
12; 1326.4; 31-AUG-2009 05:15:28; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39223
13; 1895.8; 31-AUG-2009 05:24:58; Bright; 56.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 112; 0;39223
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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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9; 2502.2; 31-AUG-2009 22:21:03; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39233
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12; 4156.1; 31-AUG-2009 22:48:37; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 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
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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
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 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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 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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 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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