

GOMOS Daily Report 05-AUG-2009

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

[2. Summary of products arrived in PCF \(Product Control Facility\)](#)

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

[3. Plot of Spectrometers and Photometers temperatures](#)

[4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

[5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

[6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

[7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

[Level 2 products](#)

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	07AUG2009 04:34:50
Data source version	GOMOS/5.00
Start time of products	05AUG2009 00:09:23
Stop time of products	05AUG2009 23:56:52
Store outputs in DB	Yes
Nb of level 1b prods	107
Nb of prods with errors	1

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

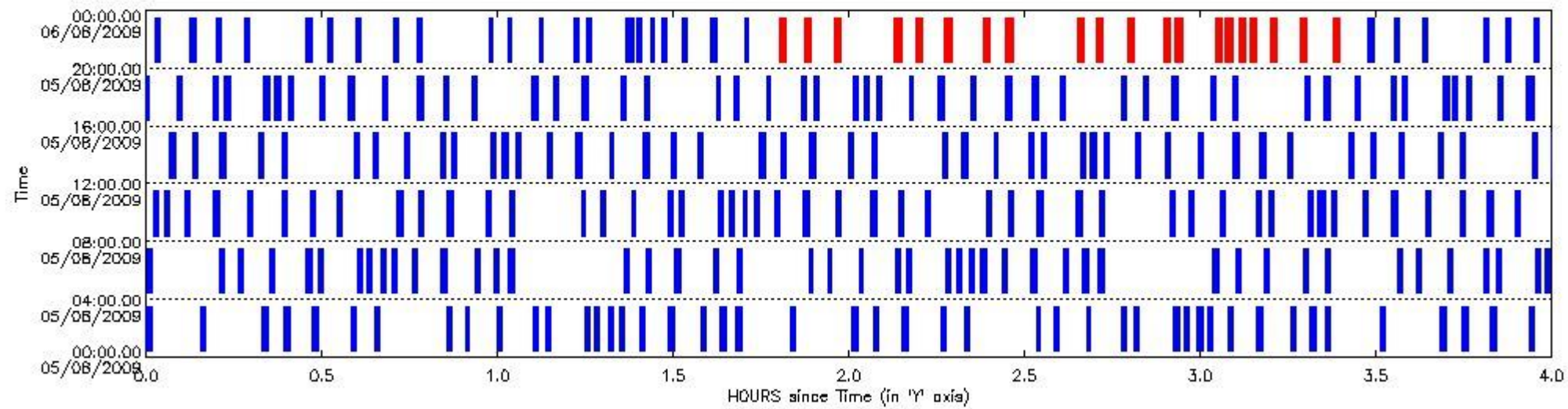
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
05-AUG-2009 21:48:00	34GamEri	165	38860
05-AUG-2009 21:52:26	DSA1061	0	38860
05-AUG-2009 21:57:23	The1Eri	157	38861
05-AUG-2009 22:07:42	AlpPhe	84	38861
05-AUG-2009 22:11:27	BetGru	63	38861
05-AUG-2009 22:16:15	24AlpPsA	18	38861
05-AUG-2009 22:22:53	49DelCap	142	38861
05-AUG-2009 22:26:48	22BetAqr	154	38861
05-AUG-2009 22:39:03	53EpsCyg	92	38861
05-AUG-2009 22:42:13	50AlpCyg	19	38861
05-AUG-2009 22:47:39	5AlpCep	89	38861
05-AUG-2009 22:53:39	11BetCas	74	38861
05-AUG-2009 22:55:44	27GamCas	76	38861
05-AUG-2009 23:02:28	23GamPer	160	38861
05-AUG-2009 23:04:14	33AlpPer	35	38861

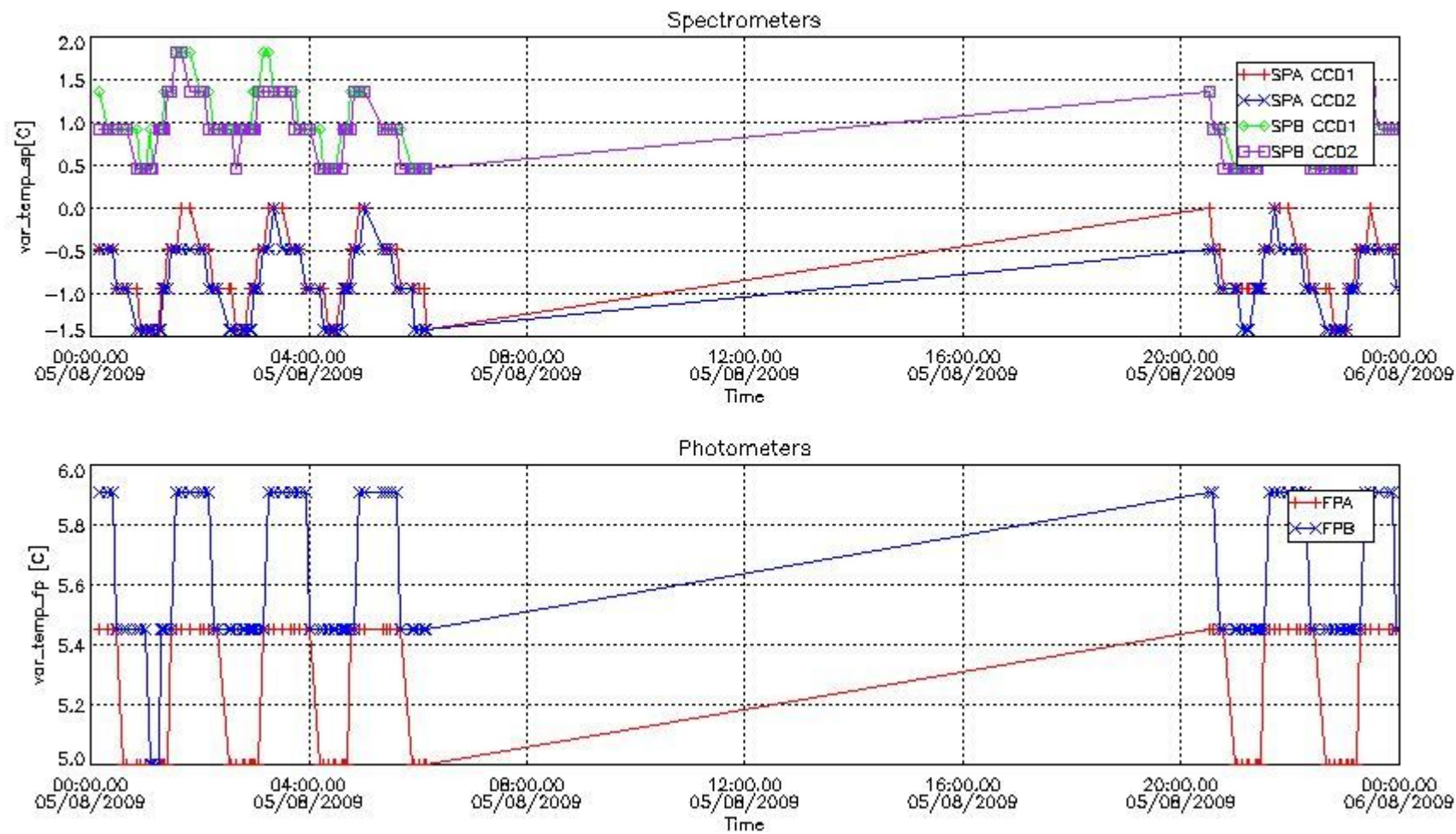
05-AUG-2009 23:06:37	13AlpAur	6	38861
05-AUG-2009 23:08:28	45EpsPer	149	38861
05-AUG-2009 23:12:03	12BetTau	28	38861
05-AUG-2009 23:16:56	87AlpTau	13	38861
05-AUG-2009 23:22:44	67BetEri	128	38861

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_1PNPDE20090805_000923_000000482081_00217_38848_8468.N1	05-AUG-2009 00:09:23	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38848	No
2	GOM_TRA_1PNPDE20090805_001942_000000642081_00217_38848_8469.N1	05-AUG-2009 00:19:42	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	38848	No
3	GOM_TRA_1PNPDE20090805_002333_000000552081_00217_38848_8470.N1	05-AUG-2009 00:23:33	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	38848	No
4	GOM_TRA_1PNPDE20090805_002821_000000612081_00217_38848_8471.N1	05-AUG-2009 00:28:21	Twilight_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38848	No
5	GOM_TRA_1PNPDE20090805_003505_000000502081_00217_38848_8472.N1	05-AUG-2009 00:35:05	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38848	No
6	GOM_TRA_1PNPDE20090805_003903_000000492081_00217_38848_8473.N1	05-AUG-2009 00:39:03	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38848	No
7	GOM_TRA_1PNPDE20090805_005122_000000432081_00217_38848_8474.N1	05-AUG-2009 00:51:22	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38848	No
8	GOM_TRA_1PNPDE20090805_005432_000000412081_00217_38848_8475.N1	05-AUG-2009 00:54:32	Bright	41.000	19	50Alp Cyg	1.2460	10500.0	82	38848	No
9	GOM_TRA_1PNPDE20090805_005958_000000392081_00217_38848_8476.N1	05-AUG-2009 00:59:58	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38848	No
10	GOM_TRA_1PNPDE20090805_010603_000000512081_00217_38848_8477.N1	05-AUG-2009 01:06:03	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38848	No
11	GOM_TRA_1PNPDE20090805_010806_000000482081_00217_38848_8478.N1	05-AUG-2009 01:08:06	Bright	47.500	76	27Gam Cas	2.3000	30000.0	95	38848	No
12	GOM_TRA_1PNPDE20090805_011447_000000482081_00217_38848_8479.N1	05-AUG-2009 01:14:47	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	38848	No
13	GOM_TRA_1PNPDE20090805_011631_000000522081_00217_38848_8480.N1	05-AUG-2009 01:16:31	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38848	No
14	GOM_TRA_1PNPDE20090805_011851_000000472081_00217_38848_8481.N1	05-AUG-2009 01:18:51	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38848	No
15	GOM_TRA_1PNPDE20090805_012042_000000522081_00217_38848_8482.N1	05-AUG-2009 01:20:42	Bright	51.500	149	45Eps Per	2.8880	30000.0	103	38848	No
16	GOM_TRA_1PNPDE20090805_012414_000000462081_00217_38848_8483.N1	05-AUG-2009 01:24:14	Bright	46.000	28	12Bet Tau	1.6500	15200.0	92	38848	No
17	GOM_TRA_1PNPDE20090805_012904_000000602081_00217_38848_8484.N1	05-AUG-2009 01:29:04	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38848	No
18	GOM_TRA_1PNPDE20090805_013450_000000442081_00217_38848_8485.N1	05-AUG-2009 01:34:50	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38848	No
19	GOM_TRA_1PNPDE20090805_014036_000000592081_00217_38848_8610.N1	05-AUG-2009 01:40:36	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38848	No
20	GOM_TRA_1PNPDE20090805_015000_000000482081_00218_38849_8611.N1	05-AUG-2009 01:50:00	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38849	No
21	GOM_TRA_1PNPDE20090805_020019_000000652081_00218_38849_8612.N1	05-AUG-2009 02:00:19	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	38849	No
22	GOM_TRA_1PNPDE20090805_020410_000000542081_00218_38849_8613.N1	05-AUG-2009 02:04:10	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38849	No
23	GOM_TRA_1PNPDE20090805_020857_000000602081_00218_38849_8614.N1	05-AUG-2009 02:08:57	Twilight_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38849	No
24	GOM_TRA_1PNPDE20090805_021542_000000482081_00218_38849_8615.N1	05-AUG-2009 02:15:42	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38849	No
25	GOM_TRA_1PNPDE20090805_021939_000000472081_00218_38849_8616.N1	05-AUG-2009 02:19:39	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38849	No
26	GOM_TRA_1PNPDE20090805_023158_000000422081_00218_38849_8617.N1	05-AUG-2009 02:31:58	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38849	No
27	GOM_TRA_1PNPDE20090805_023507_000000412081_00218_38849_8618.N1	05-AUG-2009 02:35:07	Bright	41.000	19	50Alp Cyg	1.2460	10500.0	82	38849	No
28	GOM_TRA_1PNPDE20090805_024033_000000372081_00218_38849_8619.N1	05-AUG-2009 02:40:33	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38849	No
29	GOM_TRA_1PNPDE20090805_024638_000000482081_00218_38849_8620.N1	05-AUG-2009 02:46:38	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38849	No
30	GOM_TRA_1PNPDE20090805_024842_000000472081_00218_38849_8621.N1	05-AUG-2009 02:48:42	Bright	47.000	76	27Gam Cas	2.3000	30000.0	94	38849	No
31	GOM_TRA_1PNPDE20090805_025522_000000712081_00218_38849_8774.N1	05-AUG-2009 02:55:22	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	38849	No
32	GOM_TRA_1PNPDE20090805_025707_000000542081_00218_38849_8775.N1	05-AUG-2009 02:57:07	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38849	No
33	GOM_TRA_1PNPDE20090805_025927_000000572081_00218_38849_8776.N1	05-AUG-2009 02:59:27	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38849	No
34	GOM_TRA_1PNPDE20090805_030118_000000502081_00218_38849_8777.N1	05-AUG-2009 03:01:18	Bright	50.000	149	45Eps Per	2.8880	30000.0	100	38849	No
35	GOM_TRA_1PNPDE20090805_030450_000000462081_00218_38849_8778.N1	05-AUG-2009 03:04:50	Bright	46.000	28	12Bet Tau	1.6500	15200.0	92	38849	No
36	GOM_TRA_1PNPDE20090805_030940_000000652081_00218_38849_8779.N1	05-AUG-2009 03:09:40	Dark	64.500	13	87Alp Tau	0.86700	3800.0	129	38849	No
37	GOM_TRA_1PNPDE20090805_031527_000000452081_00218_38849_8780.N1	05-AUG-2009 03:15:27	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38849	No
38	GOM_TRA_1PNPDE20090805_032113_000000532081_00218_38849_8781.N1	05-AUG-2009 03:21:13	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38849	No
39	GOM_TRA_1PNPDE20090805_033037_000000472081_00219_38850_8782.N1	05-AUG-2009 03:30:37	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38850	No
40	GOM_TRA_1PNPDE20090805_034056_000000582081_00219_38850_8783.N1	05-AUG-2009 03:40:56	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38850	No
41	GOM_TRA_1PNPDE20090805_034446_000000542081_00219_38850_8784.N1	05-AUG-2009 03:44:46	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38850	No
42	GOM_TRA_1PNPDE20090805_034934_000000622081_00219_38850_8785.N1	05-AUG-2009 03:49:34	Twilight_and_stray	62.000	18	24Alp PsA	1.1660	9700.0	124	38850	No
43	GOM_TRA_1PNPDE20090805_035618_000000482081_00219_38850_8786.N1	05-AUG-2009 03:56:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38850	No
44	GOM_TRA_1PNPDE20090805_040015_000000482081_00219_38850_8787.N1	05-AUG-2009 04:00:15	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38850	No
45	GOM_TRA_1PNPDE20090805_041233_000000432081_00219_38850_8788.N1	05-AUG-2009 04:12:33	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38850	No
46	GOM_TRA_1PNPDE20090805_041543_000000412081_00219_38850_8789.N1	05-AUG-2009 04:15:43	Bright	40.500	19	50Alp Cyg	1.2460	10500.0	81	38850	No
47	GOM_TRA_1PNPDE20090805_042109_000000402081_00219_38850_8790.N1	05-AUG-2009 04:21:09	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38850	No
48	GOM_TRA_1PNPDE20090805_042713_000000572081_00219_38850_8791.N1	05-AUG-2009 04:27:13	Bright	56.500	74	11Bet Cas	2.2680	6600.0	113	38850	No
49	GOM_TRA_1PNPDE20090805_042917_000000502081_00219_38850_8792.N1	05-AUG-2009 04:29:17	Bright	49.500	76	27Gam Cas	2.3000	30000.0	99	38850	No

50	GOM_TRA_1PNPDE20090805_043558_000000552081_00219_38850_8928.N1	05-AUG-2009 04:35:58	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	38850	No
51	GOM_TRA_1PNPDE20090805_043743_000000522081_00219_38850_8929.N1	05-AUG-2009 04:37:43	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38850	No
52	GOM_TRA_1PNPDE20090805_044003_000000452081_00219_38850_8930.N1	05-AUG-2009 04:40:03	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38850	No
53	GOM_TRA_1PNPDE20090805_044154_000000502081_00219_38850_8931.N1	05-AUG-2009 04:41:54	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38850	No
54	GOM_TRA_1PNPDE20090805_044526_000000472081_00219_38850_8932.N1	05-AUG-2009 04:45:26	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	38850	No
55	GOM_TRA_1PNPDE20090805_045016_000000682081_00219_38850_8933.N1	05-AUG-2009 04:50:16	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38850	No
56	GOM_TRA_1PNPDE20090805_045603_000000472081_00219_38850_8934.N1	05-AUG-2009 04:56:03	Dark	46.500	128	67Bet Eri	2.7840	9700.0	93	38850	No
57	GOM_TRA_1PNPDE20090805_050150_000000642081_00219_38850_8935.N1	05-AUG-2009 05:01:50	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38850	No
58	GOM_TRA_1PNPDE20090805_052133_000000562081_00220_38851_8936.N1	05-AUG-2009 05:21:33	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38851	No
59	GOM_TRA_1PNPDE20090805_052523_000000492081_00220_38851_8937.N1	05-AUG-2009 05:25:23	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38851	No
60	GOM_TRA_1PNPDE20090805_053010_000000612081_00220_38851_8938.N1	05-AUG-2009 05:30:10	Twilight_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38851	No
61	GOM_TRA_1PNPDE20090805_053654_000000502081_00220_38851_8939.N1	05-AUG-2009 05:36:54	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38851	No
62	GOM_TRA_1PNPDE20090805_054051_000000492081_00220_38851_8940.N1	05-AUG-2009 05:40:51	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38851	No
63	GOM_TRA_1PNPDE20090805_055309_000000432081_00220_38851_8941.N1	05-AUG-2009 05:53:09	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38851	No
64	GOM_TRA_1PNPDE20090805_055618_000000412081_00220_38851_8942.N1	05-AUG-2009 05:56:18	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38851	No
65	GOM_TRA_1PNPDE20090805_060145_000000402081_00220_38851_8943.N1	05-AUG-2009 06:01:45	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38851	No
66	GOM_TRA_1PNPDE20090805_060748_000000512081_00220_38851_8944.N1	05-AUG-2009 06:07:48	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38851	No
67	GOM_TRA_1PNPDE20090805_060952_000000482081_00220_38851_8945.N1	05-AUG-2009 06:09:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38851	No
68	GOM_TRA_1PNPDE20090805_203052_000000612081_00229_38860_9372.N1	05-AUG-2009 20:30:52	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	38860	Yes
69	GOM_TRA_1PNPDE20090805_203539_000000632081_00229_38860_9373.N1	05-AUG-2009 20:35:39	Twilight_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	38860	No
70	GOM_TRA_1PNPDE20090805_204218_000000482081_00229_38860_9374.N1	05-AUG-2009 20:42:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38860	No
71	GOM_TRA_1PNPDE20090805_204613_000000492081_00229_38860_9375.N1	05-AUG-2009 20:46:13	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38860	No
72	GOM_TRA_1PNPDE20090805_205828_000000412081_00229_38860_9376.N1	05-AUG-2009 20:58:28	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38860	No
73	GOM_TRA_1PNPDE20090805_210138_000000392081_00229_38860_9377.N1	05-AUG-2009 21:01:38	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	38860	No
74	GOM_TRA_1PNPDE20090805_210705_000000412081_00229_38860_9378.N1	05-AUG-2009 21:07:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38860	No
75	GOM_TRA_1PNPDE20090805_211304_000000492081_00229_38860_9379.N1	05-AUG-2009 21:13:04	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38860	No
76	GOM_TRA_1PNPDE20090805_211509_000000512081_00229_38860_9380.N1	05-AUG-2009 21:15:09	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38860	No
77	GOM_TRA_1PNPDE20090805_212153_000000722081_00229_38860_9381.N1	05-AUG-2009 21:21:53	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38860	No
78	GOM_TRA_1PNPDE20090805_212339_000000532081_00229_38860_9382.N1	05-AUG-2009 21:23:39	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38860	No
79	GOM_TRA_1PNPDE20090805_212602_000000472081_00229_38860_9383.N1	05-AUG-2009 21:26:02	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	38860	No
80	GOM_TRA_1PNPDE20090805_212753_000000512081_00229_38860_9384.N1	05-AUG-2009 21:27:53	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38860	No
81	GOM_TRA_1PNPDE20090805_213128_000000482081_00229_38860_9385.N1	05-AUG-2009 21:31:28	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38860	No
82	GOM_TRA_1PNPDE20090805_213620_000000682081_00229_38860_9386.N1	05-AUG-2009 21:36:20	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38860	No
83	GOM_TRA_1PNPDE20090805_214208_000000432081_00229_38860_9387.N1	05-AUG-2009 21:42:08	Dark	42.500	128	67Bet Eri	2.7840	9700.0	85	38860	No
84	GOM_TRA_1PNPDE20090805_214801_000000712081_00229_38860_9701.N1	05-AUG-2009 21:48:01	Dark	70.500	165	34Gam Eri	2.9500	3200.0	141	38860	No
85	GOM_TRA_1PNPDE20090805_215724_000000492081_00230_38861_9702.N1	05-AUG-2009 21:57:24	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38861	No
86	GOM_TRA_1PNPDE20090805_220743_000000672081_00230_38861_9703.N1	05-AUG-2009 22:07:43	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	38861	No
87	GOM_TRA_1PNPDE20090805_221128_000000582081_00230_38861_9704.N1	05-AUG-2009 22:11:28	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38861	No
88	GOM_TRA_1PNPDE20090805_221616_000000592081_00230_38861_9705.N1	05-AUG-2009 22:16:16	Twilight_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38861	No
89	GOM_TRA_1PNPDE20090805_222254_000000462081_00230_38861_9706.N1	05-AUG-2009 22:22:54	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38861	No
90	GOM_TRA_1PNPDE20090805_222648_000000492081_00230_38861_9707.N1	05-AUG-2009 22:26:48	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38861	No
91	GOM_TRA_1PNPDE20090805_223904_000000382081_00230_38861_9708.N1	05-AUG-2009 22:39:04	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38861	No
92	GOM_TRA_1PNPDE20090805_224214_000000382081_00230_38861_9709.N1	05-AUG-2009 22:42:14	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38861	No
93	GOM_TRA_1PNPDE20090805_224740_000000402081_00230_38861_9710.N1	05-AUG-2009 22:47:40	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38861	No
94	GOM_TRA_1PNPDE20090805_225340_000000732081_00230_38861_9711.N1	05-AUG-2009 22:53:40	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38861	No
95	GOM_TRA_1PNPDE20090805_225544_000000512081_00230_38861_9712.N1	05-AUG-2009 22:55:44	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38861	No
96	GOM_TRA_1PNPDE20090805_230229_000000532081_00230_38861_9713.N1	05-AUG-2009 23:02:29	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38861	No
97	GOM_TRA_1PNPDE20090805_230414_000000542081_00230_38861_9714.N1	05-AUG-2009 23:04:14	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38861	No
98	GOM_TRA_1PNPDE20090805_230638_000000442081_00230_38861_9715.N1	05-AUG-2009 23:06:38	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38861	No
99	GOM_TRA_1PNPDE20090805_230829_000000502081_00230_38861_9716.N1	05-AUG-2009 23:08:29	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38861	No
100	GOM_TRA_1PNPDE20090805_231204_000000472081_00230_38861_9717.N1	05-AUG-2009 23:12:04	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38861	No
101	GOM_TRA_1PNPDE20090805_231657_000000572081_00230_38861_9718.N1	05-AUG-2009 23:16:57	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	38861	No
102	GOM_TRA_1PNPDE20090805_232245_000000462081_00230_38861_9719.N1	05-AUG-2009 23:22:45	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38861	No
103	GOM_TRA_1PNPDE20090805_232838_000000602081_00230_38861_9569.N1	05-AUG-2009 23:28:38	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38861	No
104	GOM_TRA_1PNPDE20090805_233801_000000492081_00231_38862_9570.N1	05-AUG-2009 23:38:01	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38862	No
105	GOM_TRA_1PNPDE20090805_234820_000000542081_00231_38862_9571.N1	05-AUG-2009 23:48:20	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38862	No
106	GOM_TRA_1PNPDE20090805_235204_000000532081_00231_38862_9572.N1	05-AUG-2009 23:52:04	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38862	No
107	GOM_TRA_1PNPDE20090805_235652_000000592081_00231_38862_9573.N1	05-AUG-2009 23:56:52	Twilight_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38862	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).

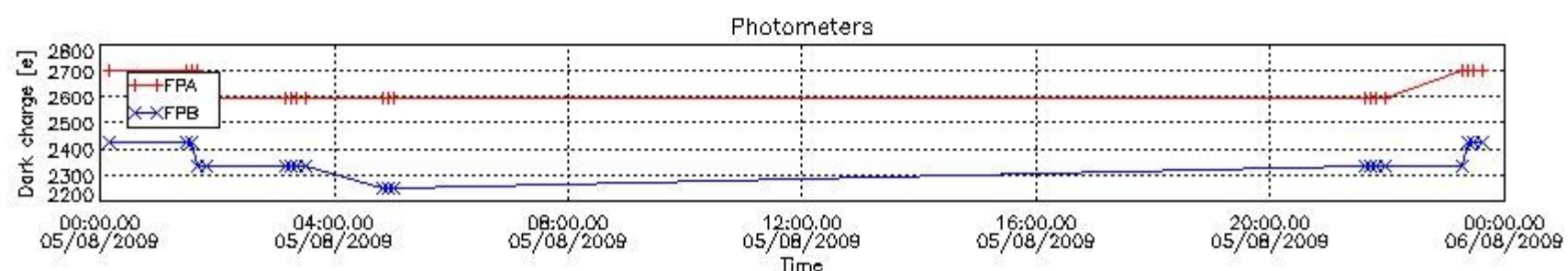
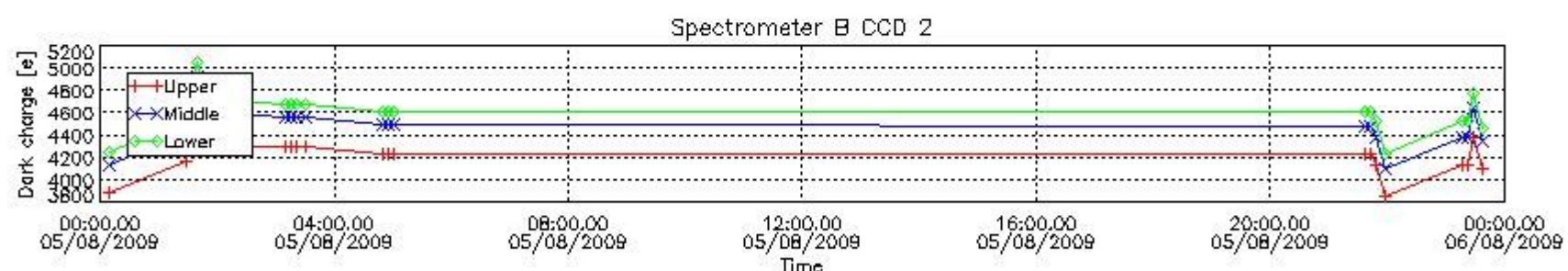
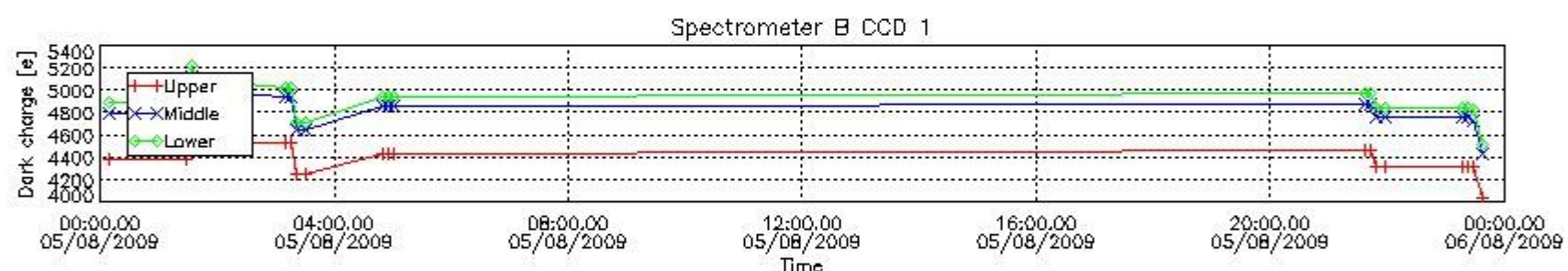
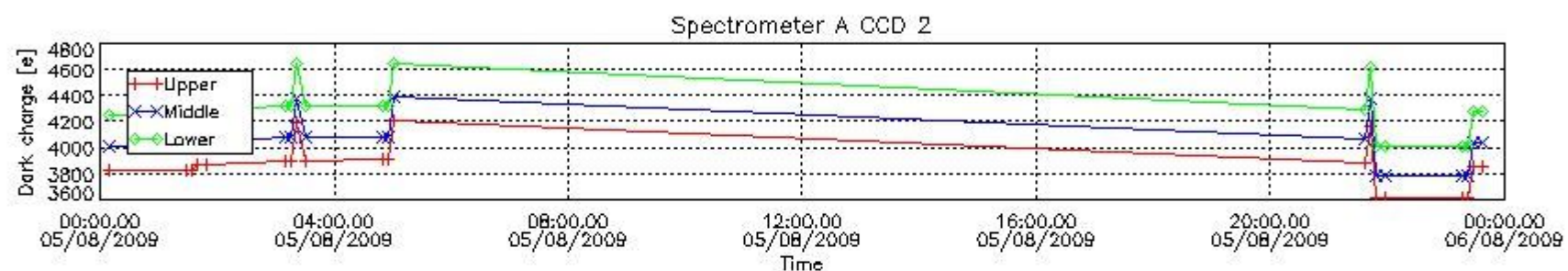
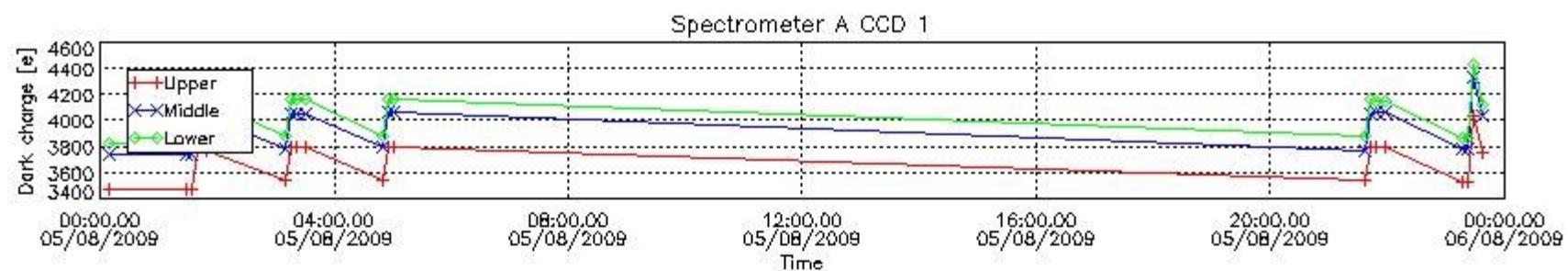
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20090805_203052_000000612081_00229_38860_9372.N1	DC map with no T dep.
GOM_TRA_1PNPDE20090805_203539_000000632081_00229_38860_9373.N1	DC map used
GOM_TRA_1PNPDE20090805_204218_000000482081_00229_38860_9374.N1	DC map used
GOM_TRA_1PNPDE20090805_204613_000000492081_00229_38860_9375.N1	DC map used
GOM_TRA_1PNPDE20090805_205828_000000412081_00229_38860_9376.N1	DC map used
GOM_TRA_1PNPDE20090805_210138_000000392081_00229_38860_9377.N1	DC map used
GOM_TRA_1PNPDE20090805_210705_000000412081_00229_38860_9378.N1	DC map used
GOM_TRA_1PNPDE20090805_211304_000000492081_00229_38860_9379.N1	DC map used
GOM_TRA_1PNPDE20090805_211509_000000512081_00229_38860_9380.N1	DC map used
GOM_TRA_1PNPDE20090805_212153_000000722081_00229_38860_9381.N1	DC map used
GOM_TRA_1PNPDE20090805_212339_000000532081_00229_38860_9382.N1	DC map used

GOM_TRA_1PNPDE20090805_212602_000000472081_00229_38860_9383.N1	DC map used
GOM_TRA_1PNPDE20090805_212753_000000512081_00229_38860_9384.N1	DC map used
GOM_TRA_1PNPDE20090805_213128_000000482081_00229_38860_9385.N1	DC map used
GOM_TRA_1PNPDE20090805_213620_000000682081_00229_38860_9386.N1	DC map used
GOM_TRA_1PNPDE20090805_214208_000000432081_00229_38860_9387.N1	DC map used

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

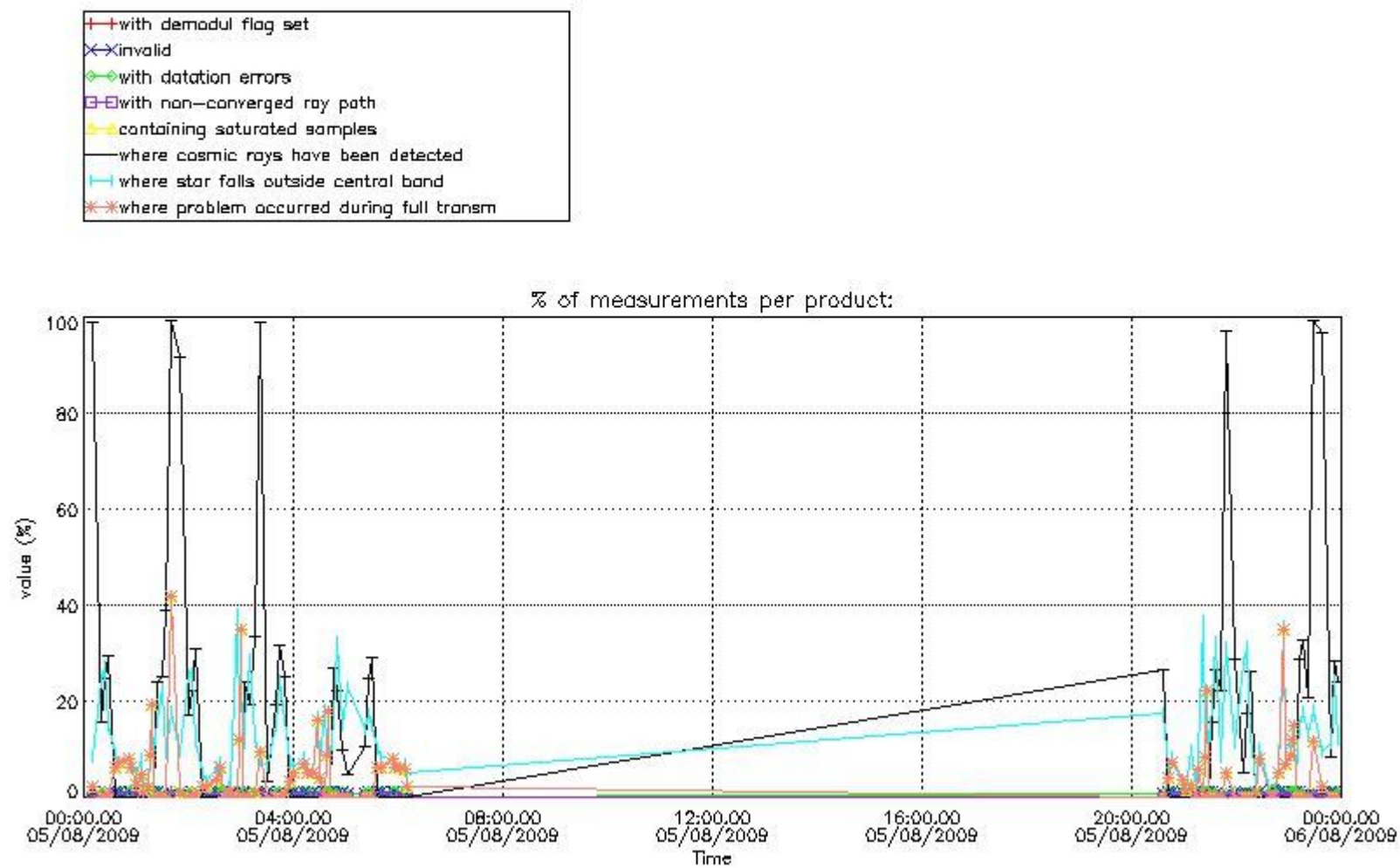


In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

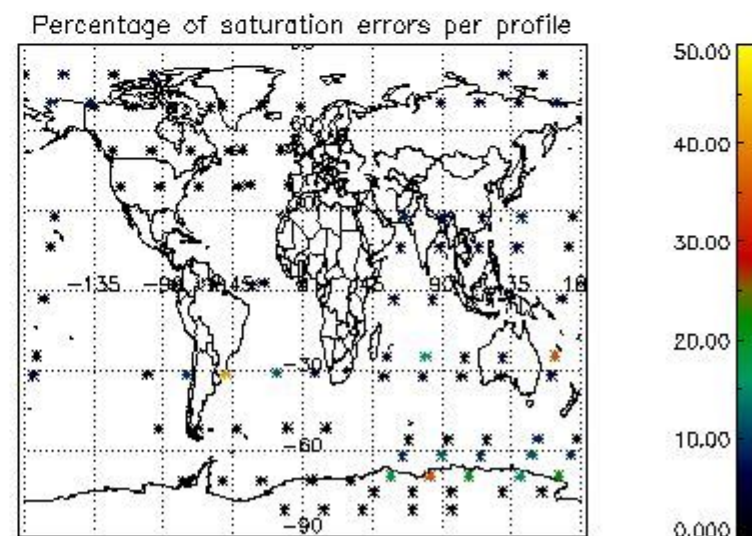
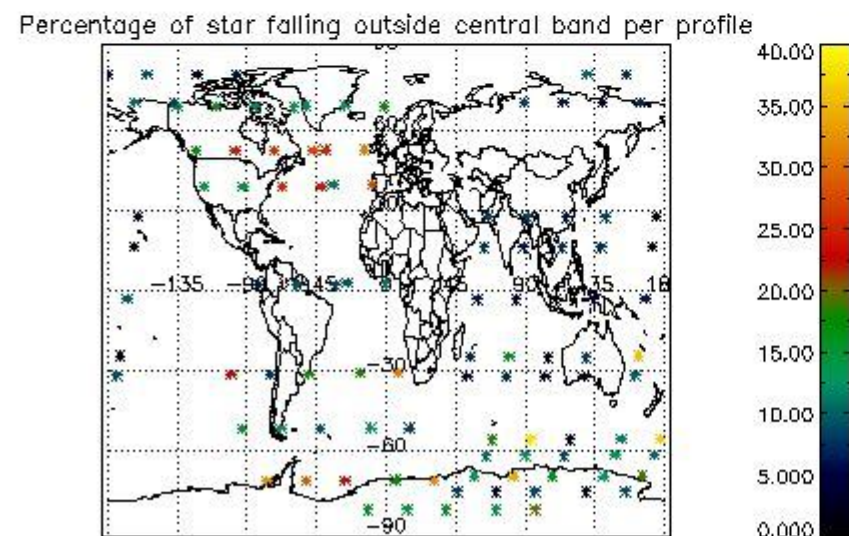
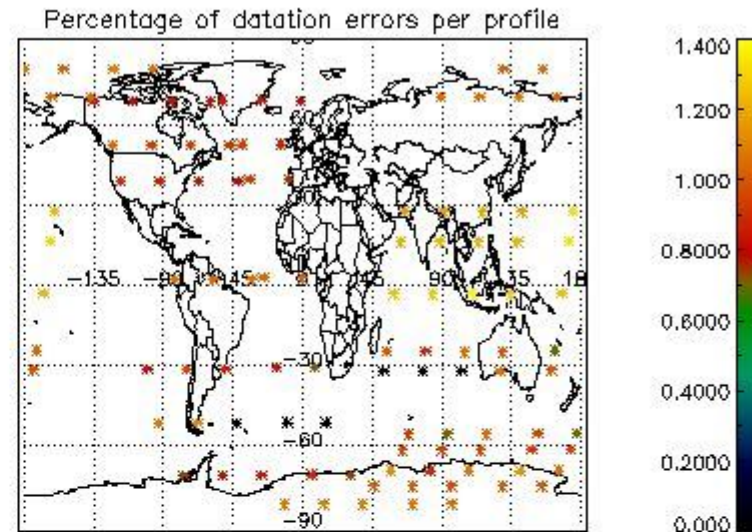
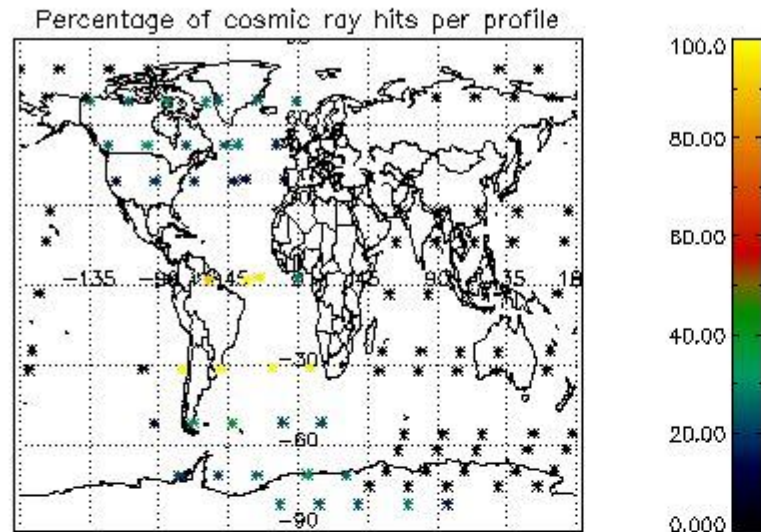
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	24.5283 %
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)



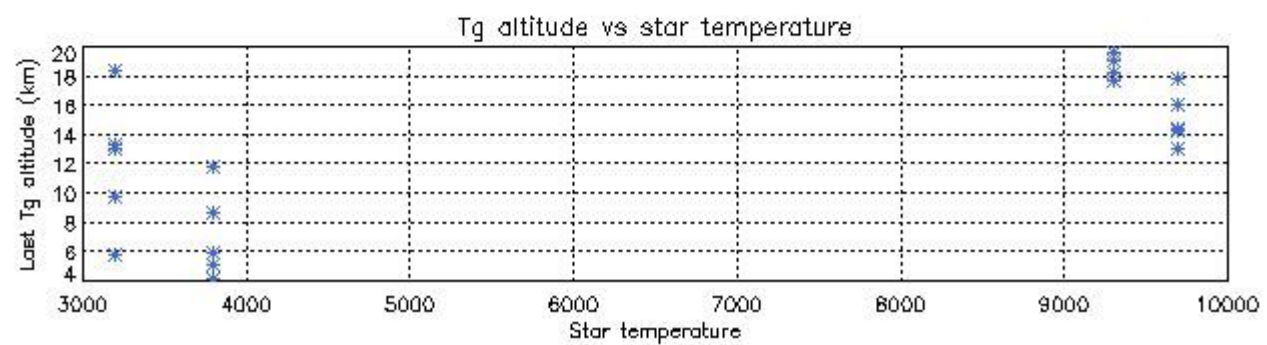
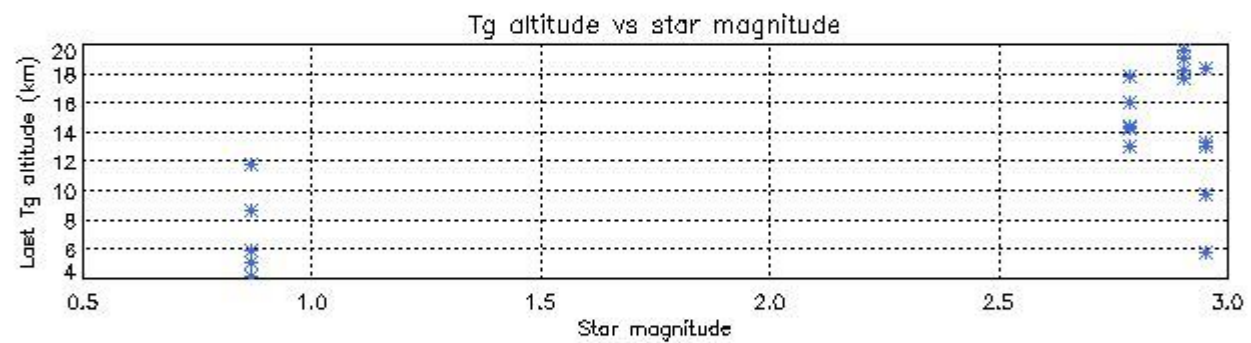
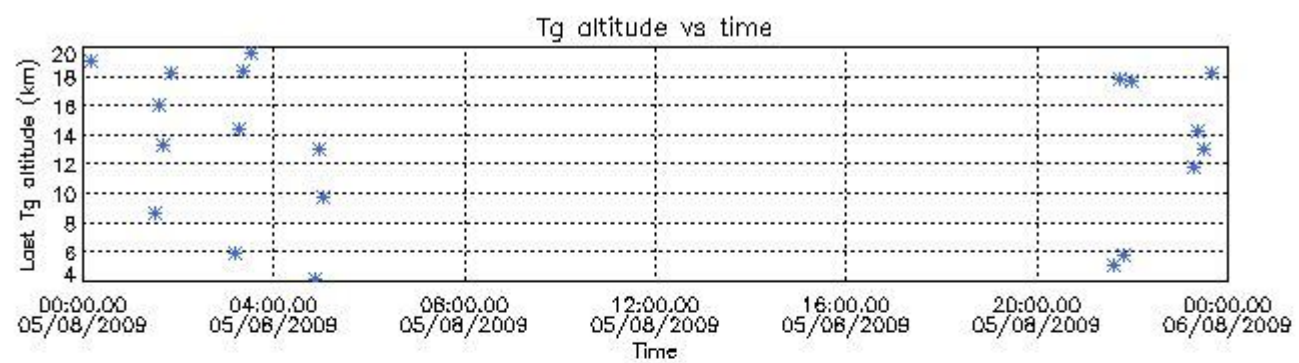
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.197	18.177	NaN
St. deviation:	5.1067	5.2427	NaN
Maximum:	19.550	27.827	NaN
Minimum:	4.1400	3.1212	NaN
Number of data:	20.000	67.000	NaN

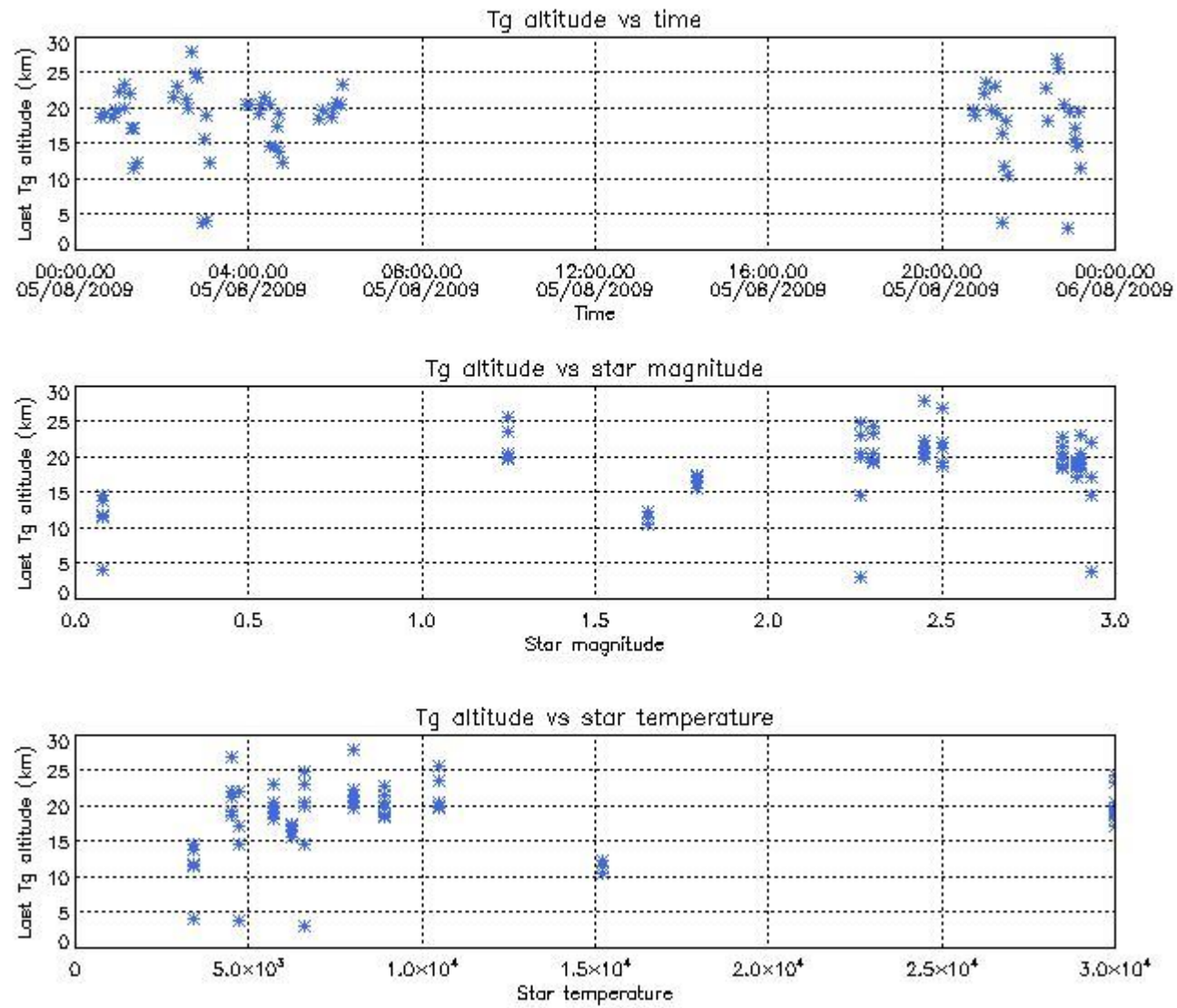
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

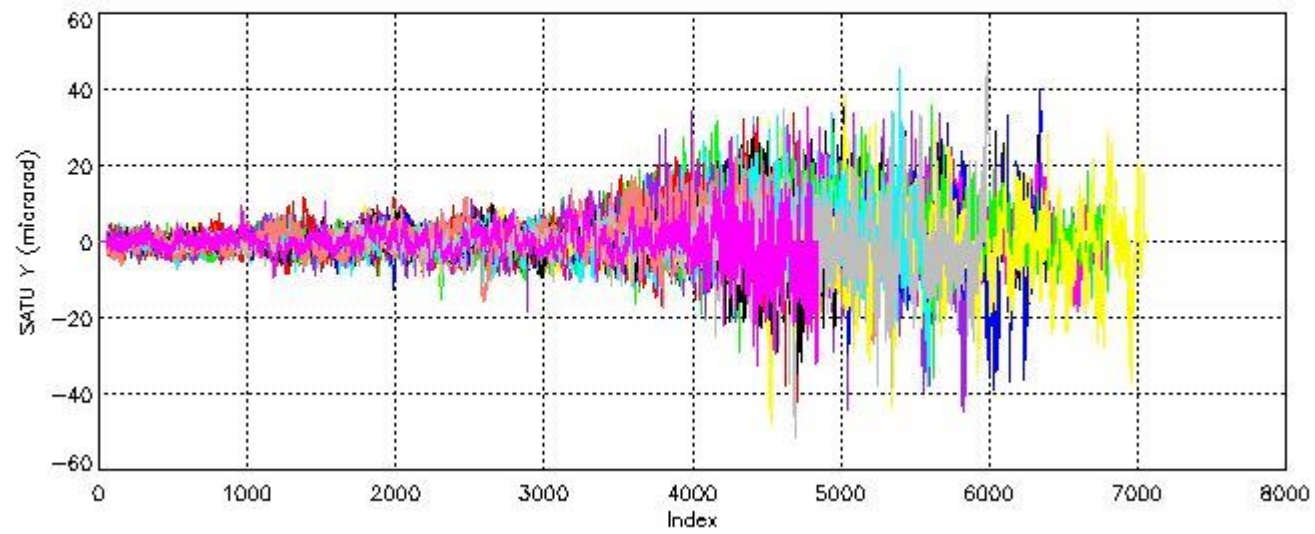
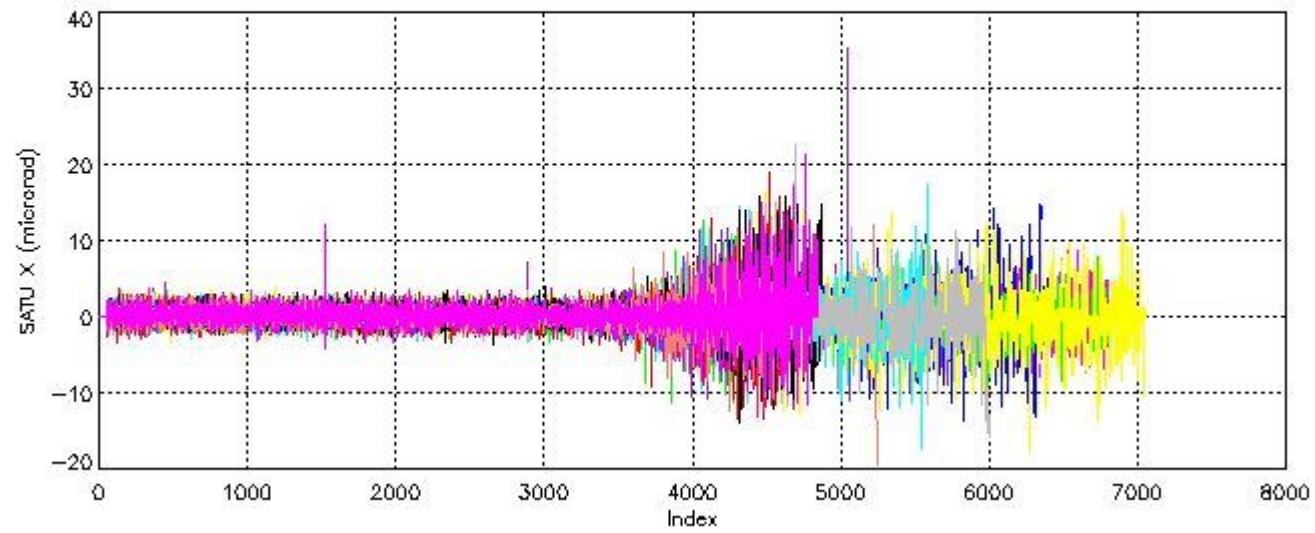


7. Star Acquisition and Tracking Unit (SATU)

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:	0.27067	-0.44181	0.27193	-0.47789
St. deviation:	0.60384	1.4393	0.74360	1.5737
Maximum:	4.6000	9.3000	6.1000	12.000
Minimum:	-3.4000	-7.2000	-5.1000	-9.5000

Number of data:	22450.	22450.	70250.	70250.
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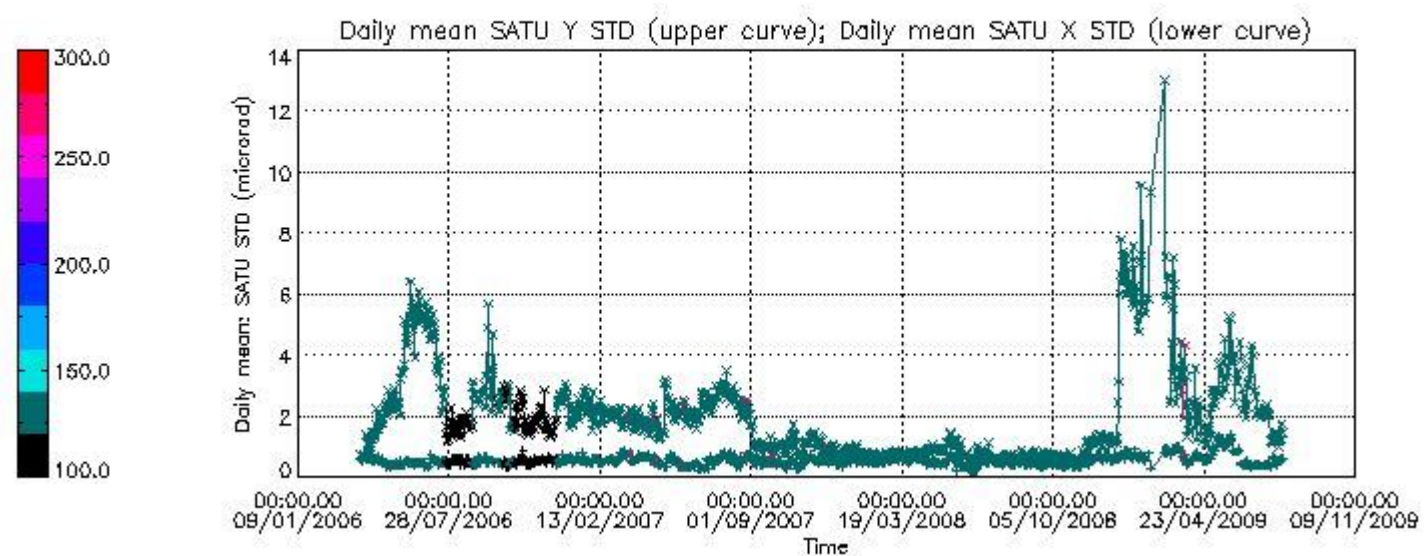
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

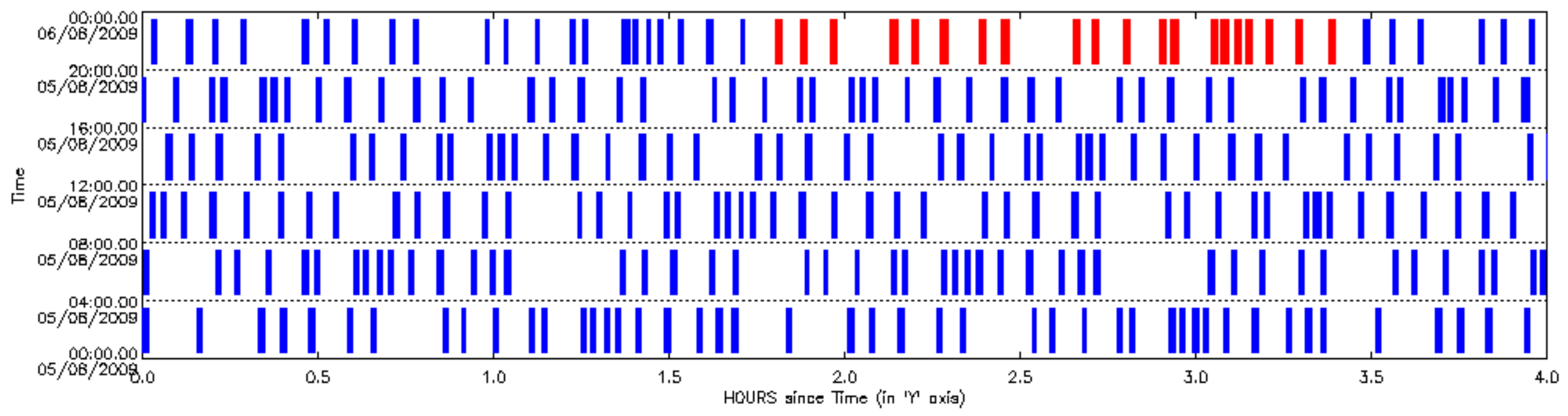
Lower curve: STD of SATU X axis

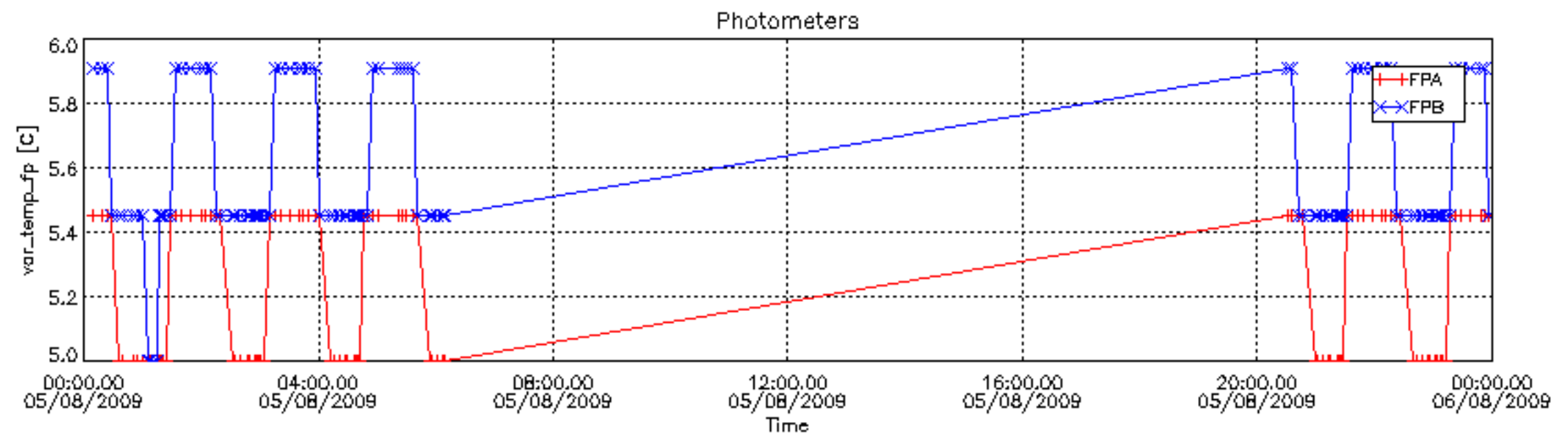
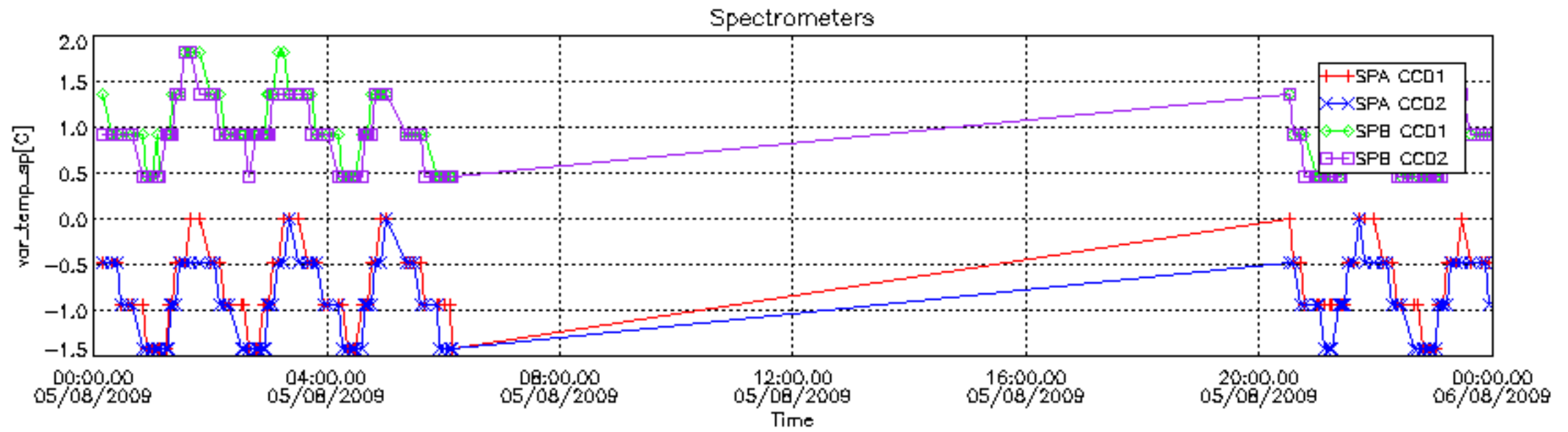


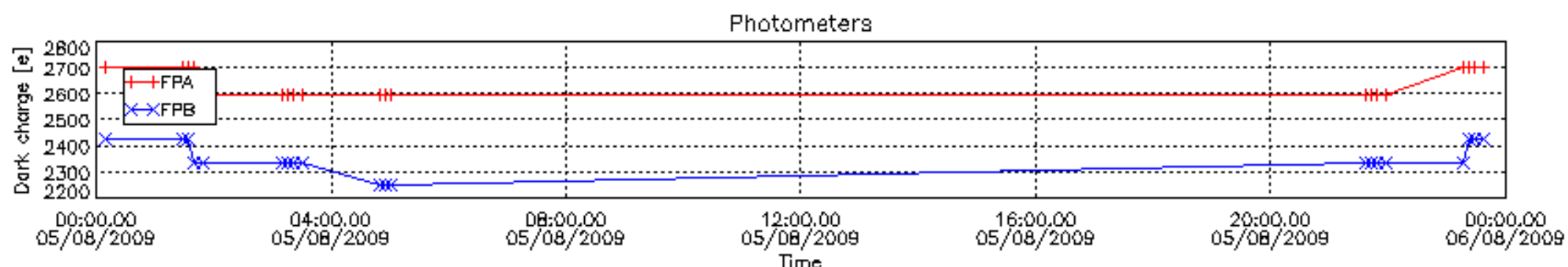
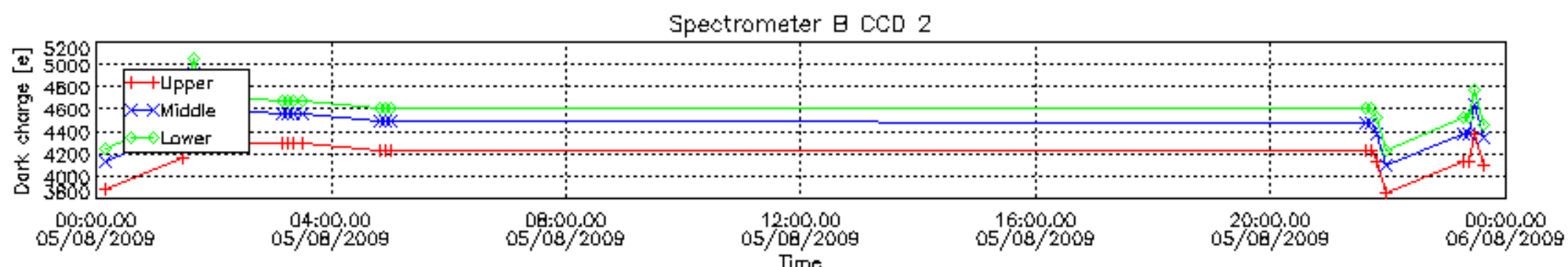
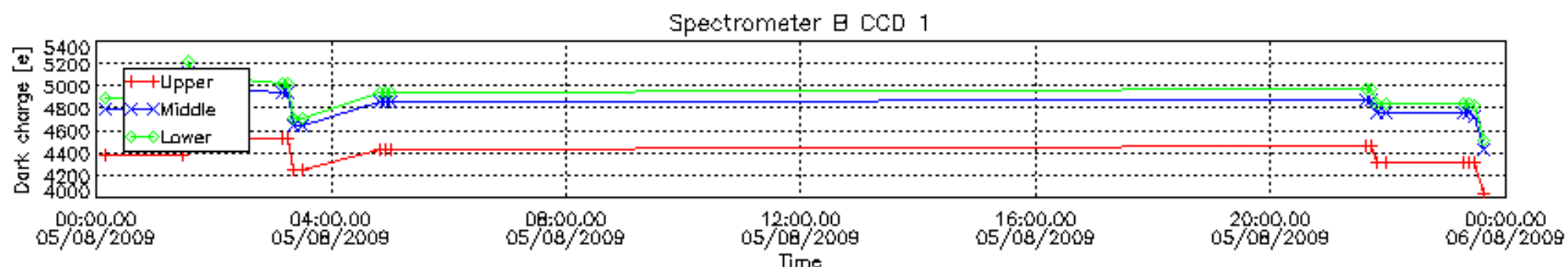
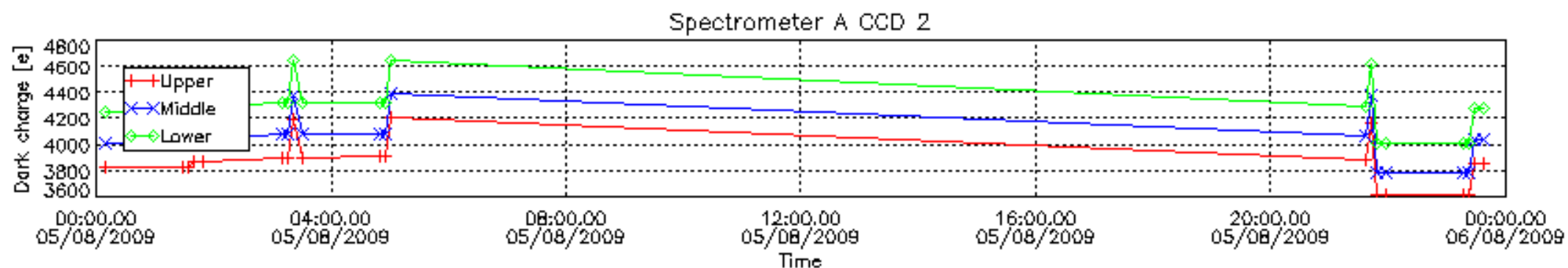
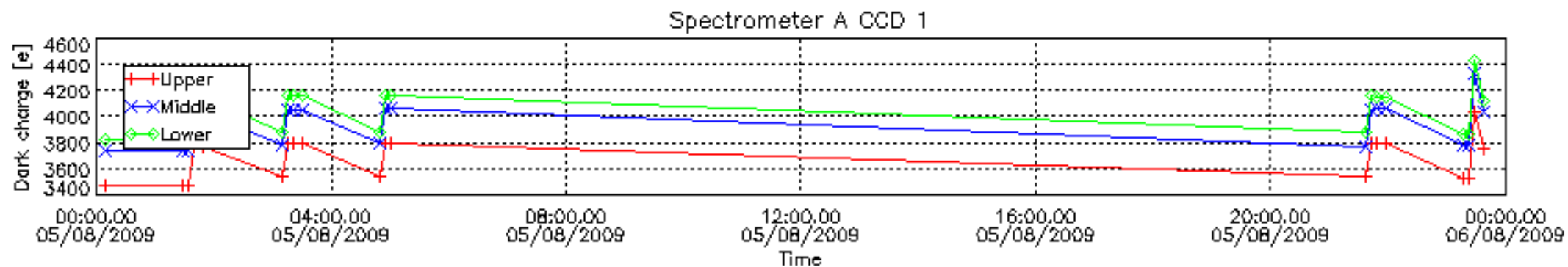
8. Auxiliary Data Files used for the production reported in section 2.4

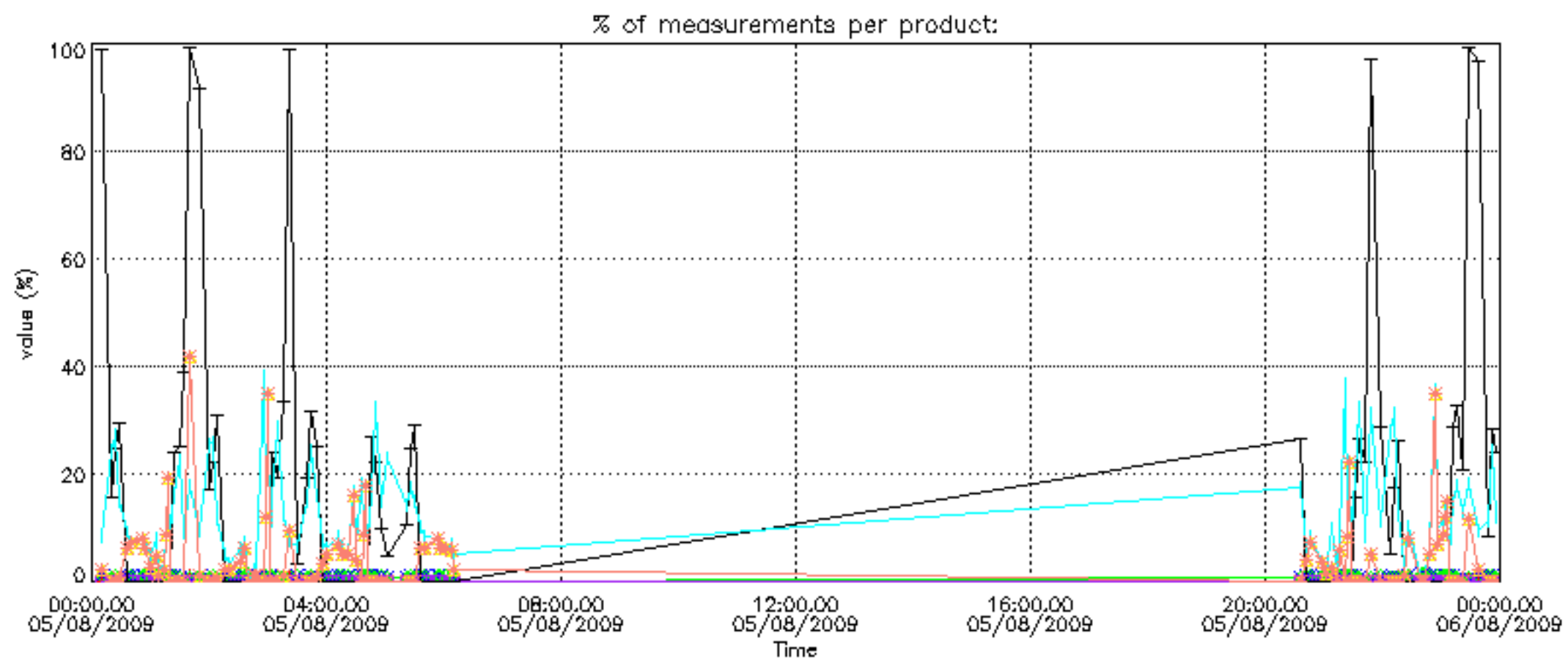
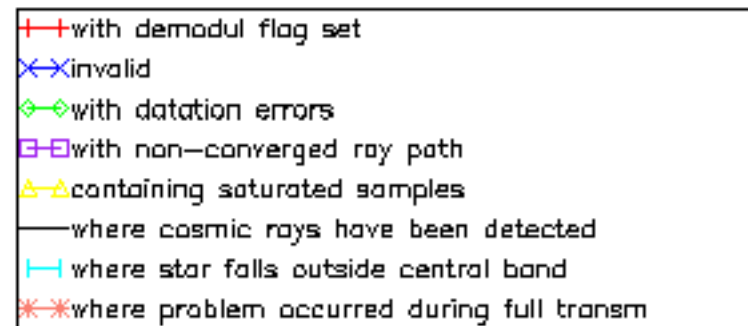
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	05-AUG-2009 00:09:23
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090730_093840_20090728_000000_20100101_000000	1	05-AUG-2009 00:09:23
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	05-AUG-2009 00:09:23
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	05-AUG-2009 00:09:23
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	05-AUG-2009 00:09:23
ECMWF_FILE	AUX_ECF_AXNECM20090804_064111_20090804_210000_20090805_090000	1	05-AUG-2009 00:09:23
ECMWF_FILE	AUX_ECF_AXNECM20090805_090115_20090805_150000_20090806_030000	68	05-AUG-2009 20:30:52
ECMWF_FILE	AUX_ECF_AXNECM20090805_090116_20090805_210000_20090806_090000	84	05-AUG-2009 21:48:01
OPTIONAL_ECMWF_FILE	MISSING	1	05-AUG-2009 00:09:23
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090804_221422_000057382081_00215_38846_8490.N1	1	05-AUG-2009 00:09:23
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090804_235519_000057382081_00216_38847_8491.N1	19	05-AUG-2009 01:40:36
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090805_013616_000041442081_00217_38848_8492.N1	31	05-AUG-2009 02:55:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090805_025039_000054192081_00218_38849_8493.N1	50	05-AUG-2009 04:35:58
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20090805_010110_20090804_190702_20090814_203316	68	05-AUG-2009 20:30:52
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090805_214221_000057382081_00229_38860_2021.N1	84	05-AUG-2009 21:48:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090805_202758_000041442081_00229_38860_8495.N1	103	05-AUG-2009 23:28:38

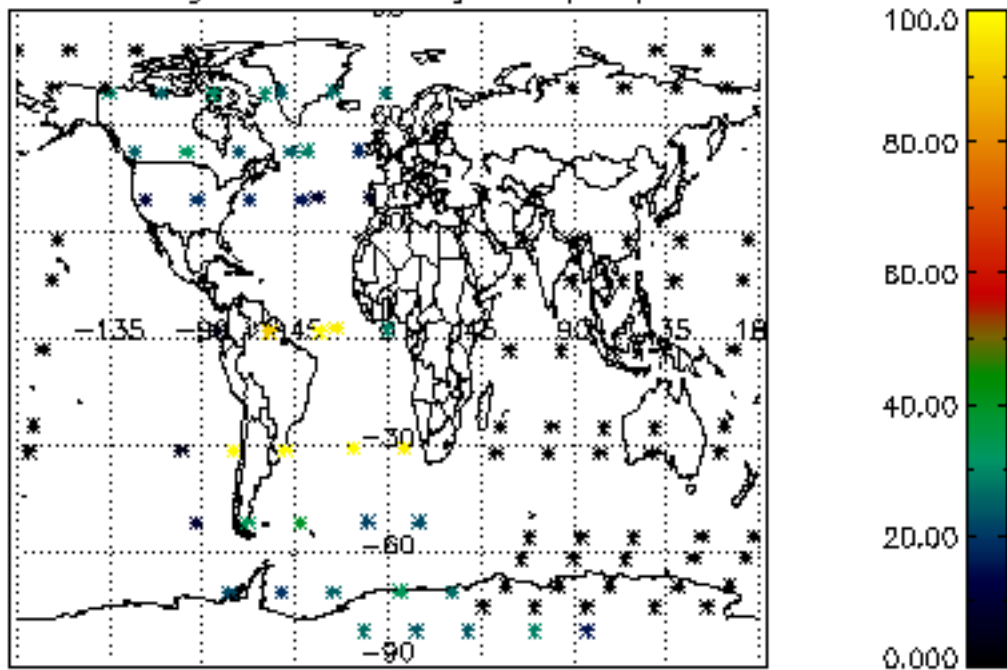




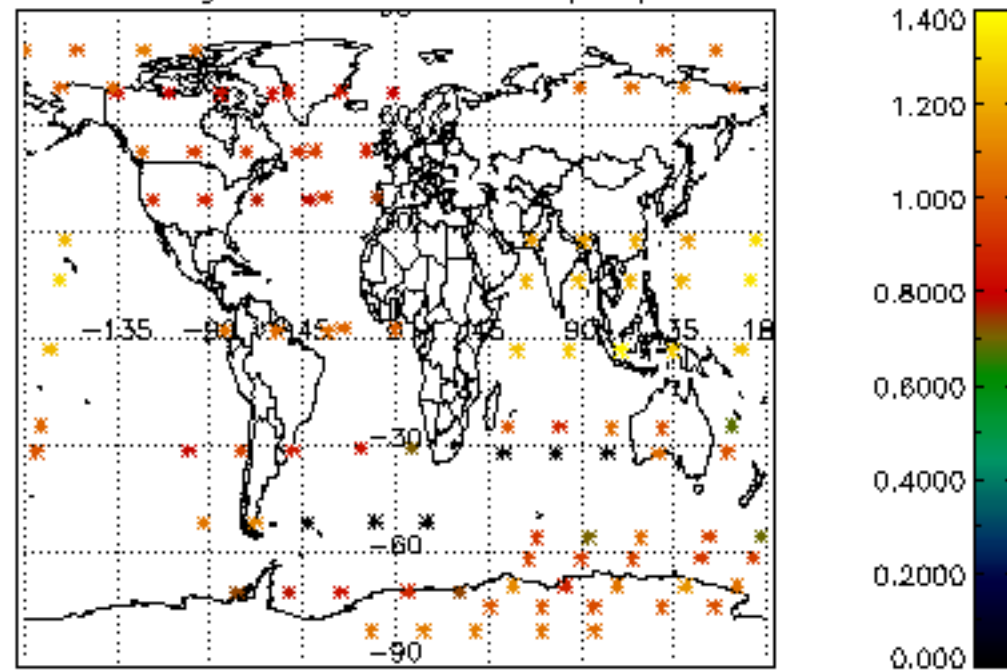




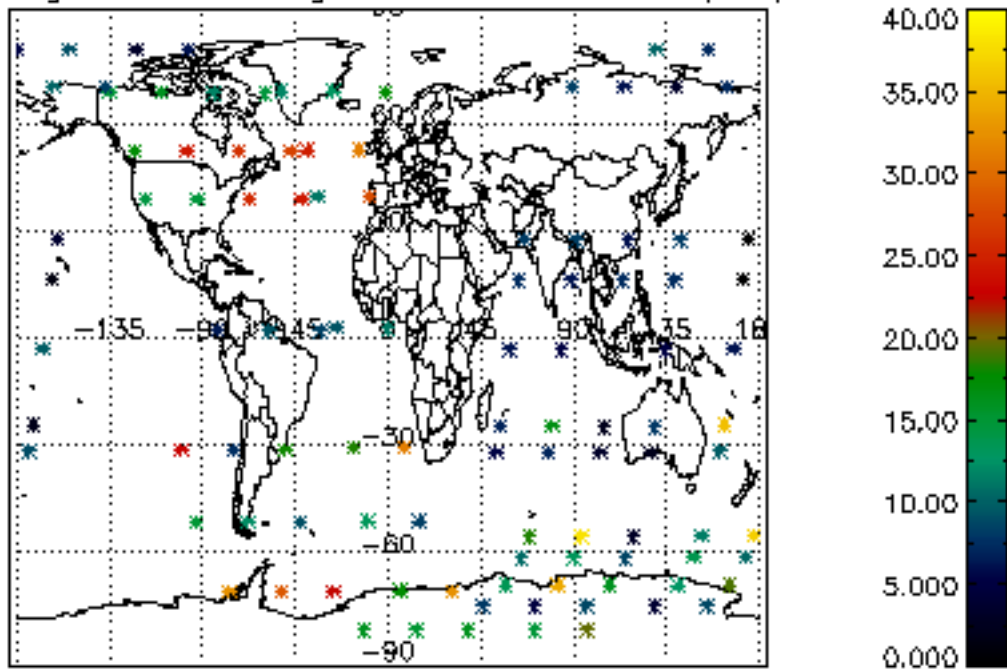
Percentage of cosmic ray hits per profile



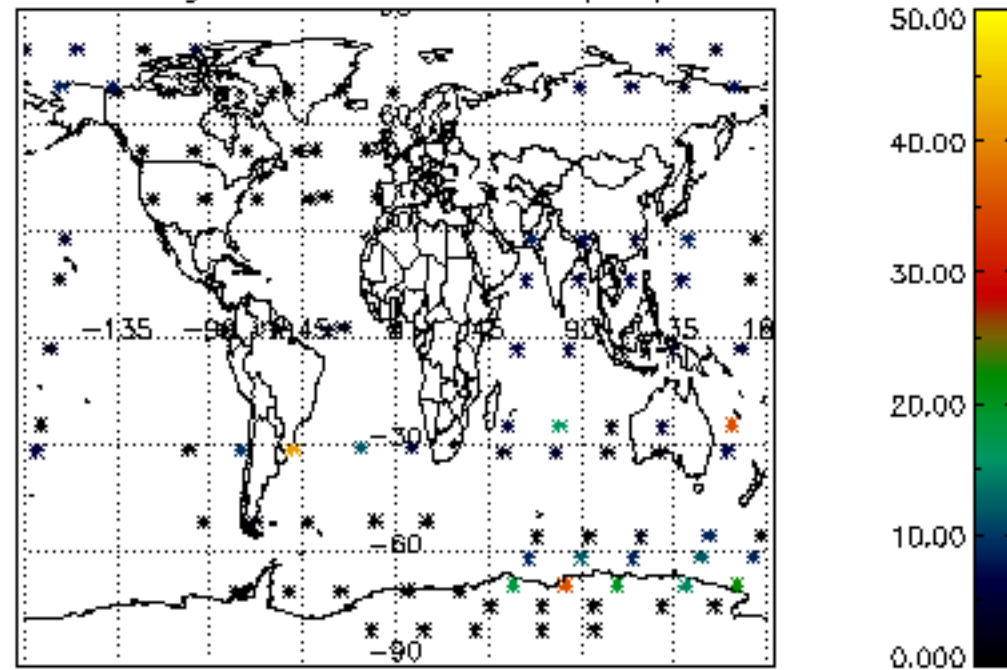
Percentage of datation errors per profile



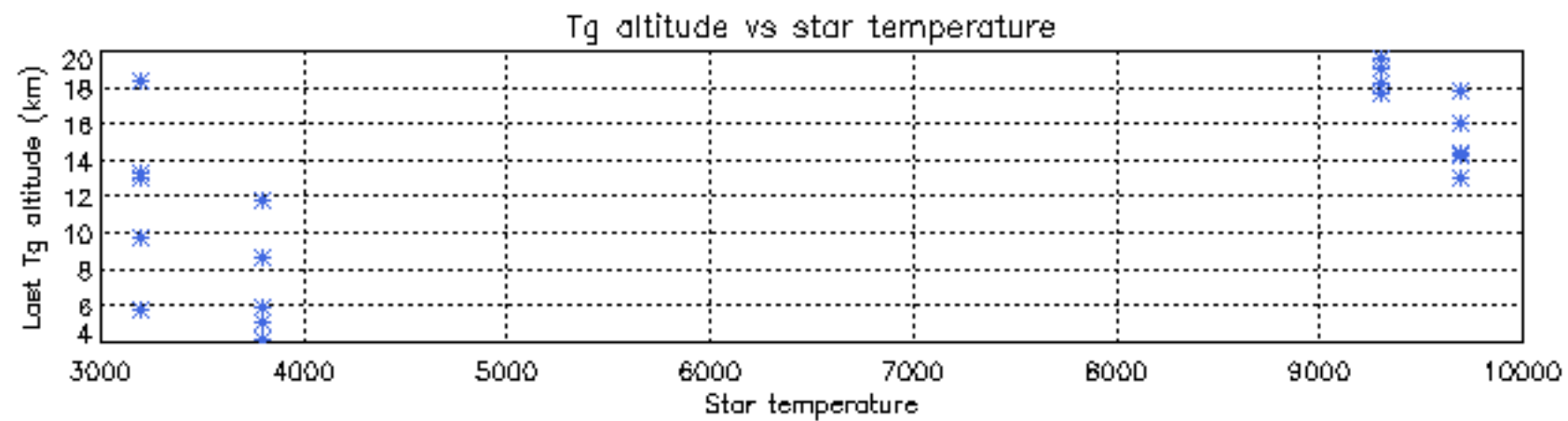
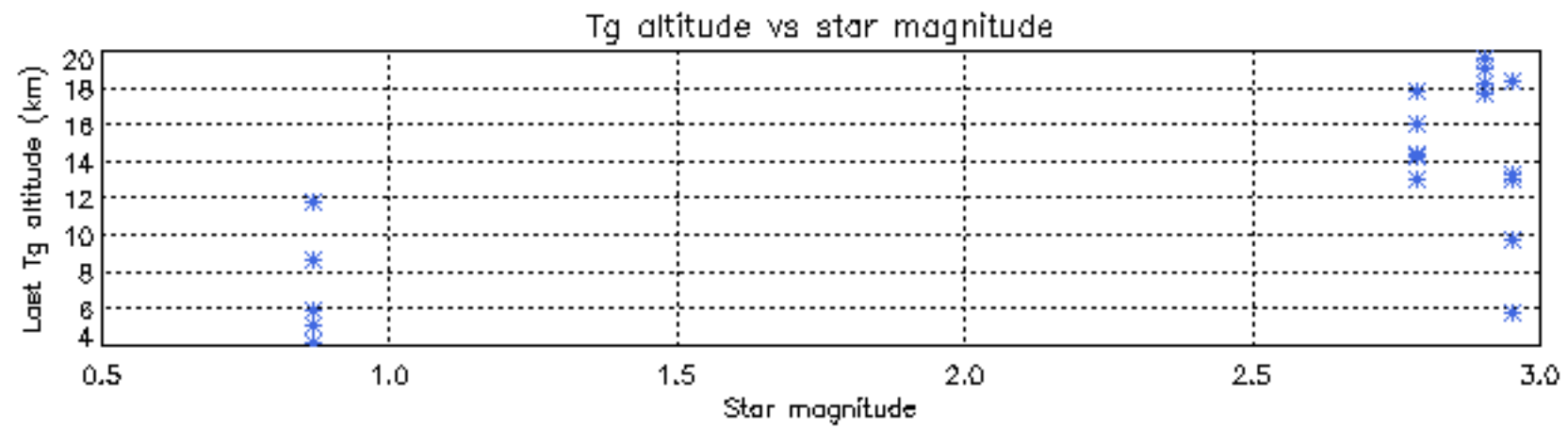
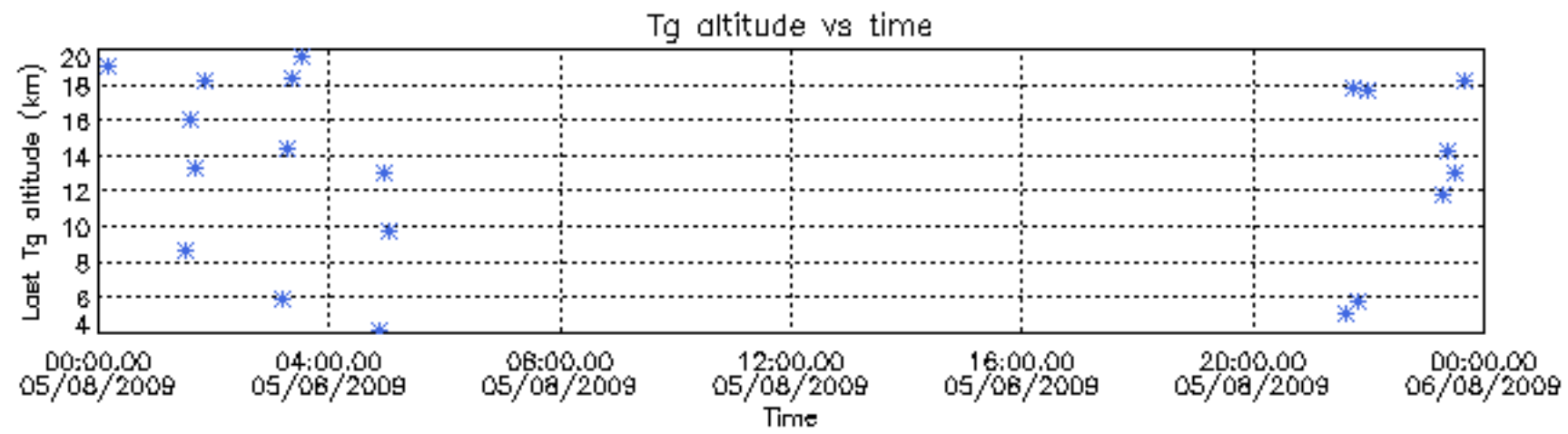
Percentage of star falling outside central band per profile



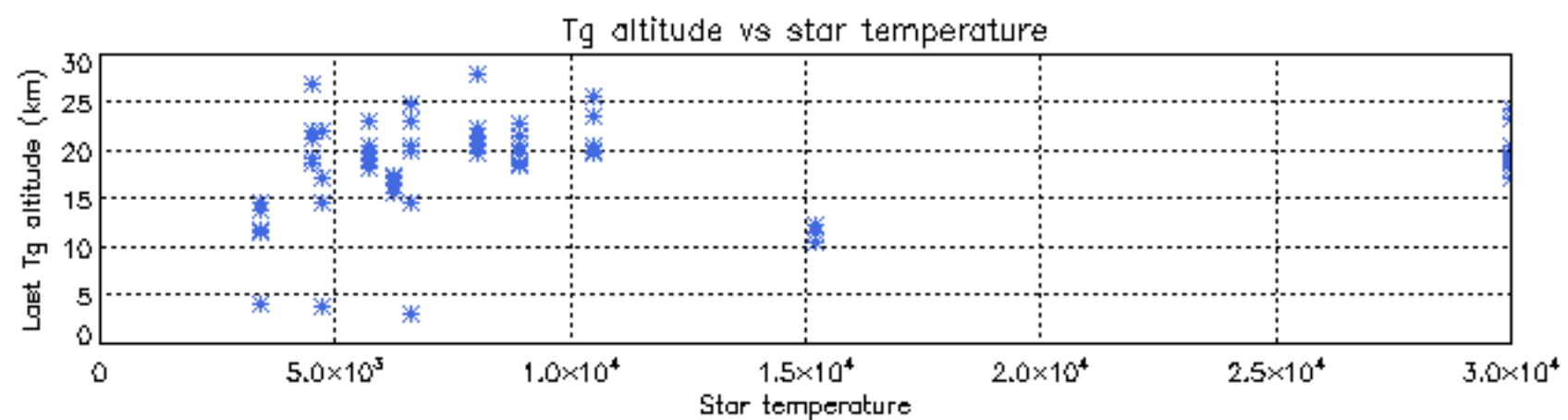
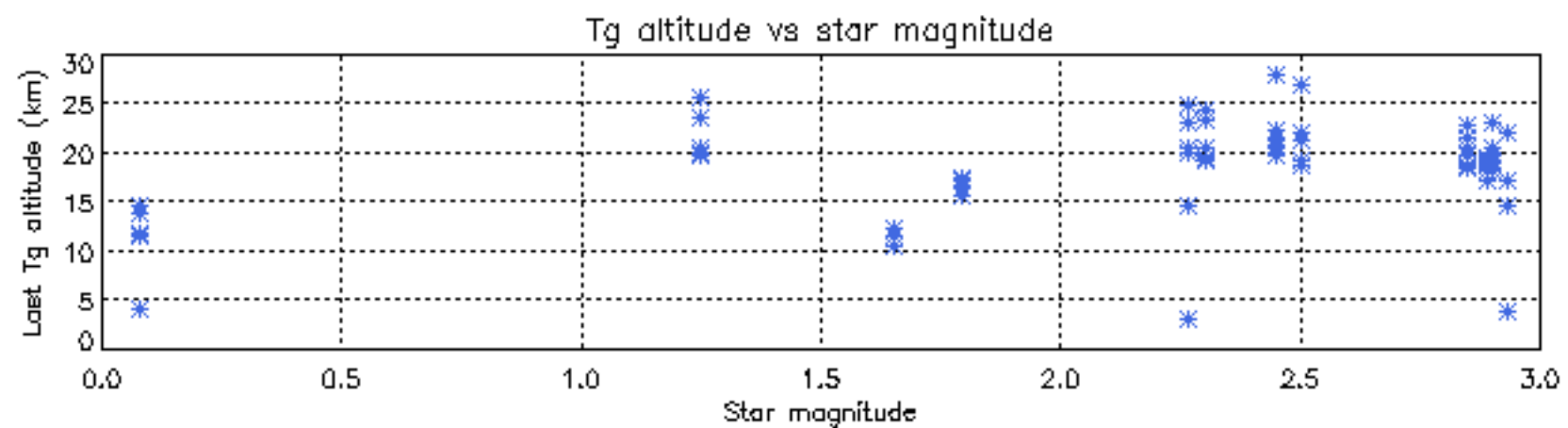
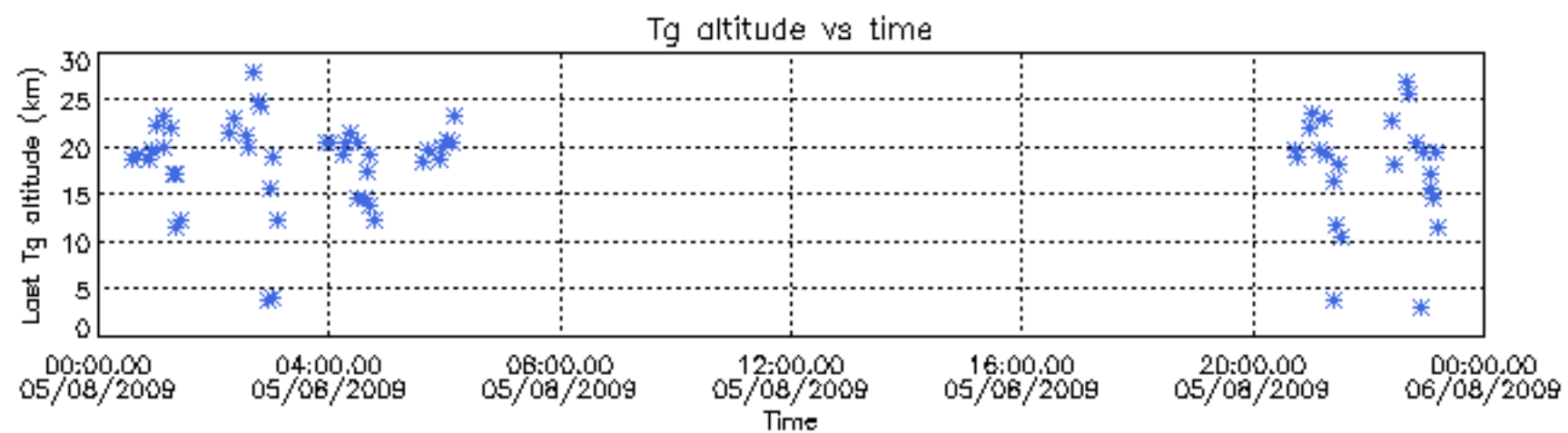
Percentage of saturation errors per profile

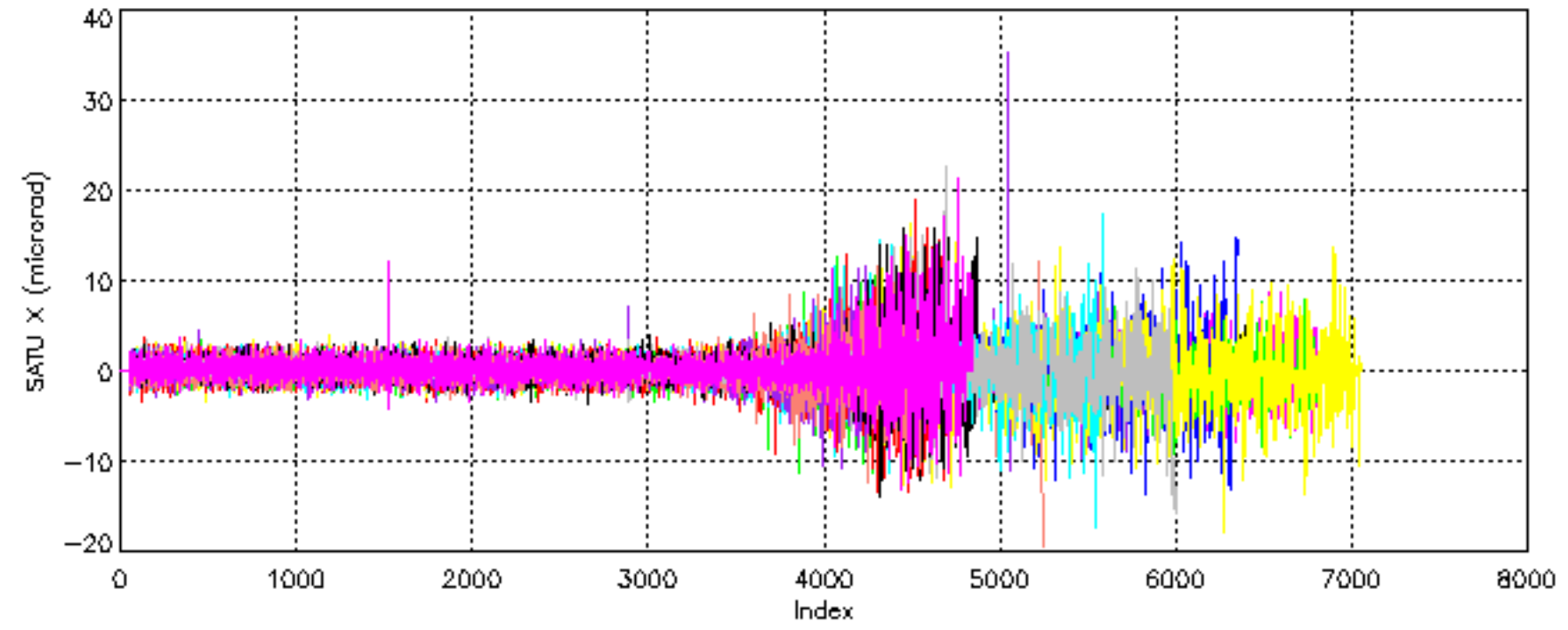


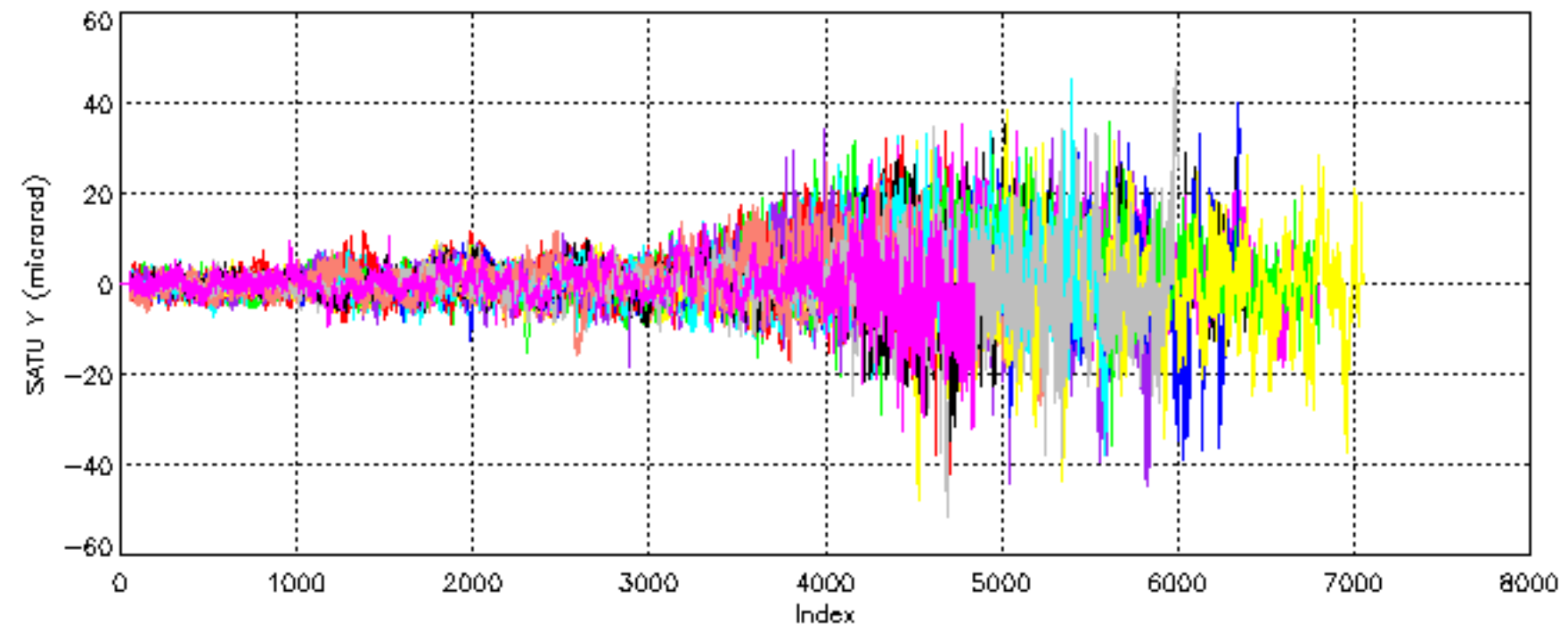
Tangent altitude at which the star is lost

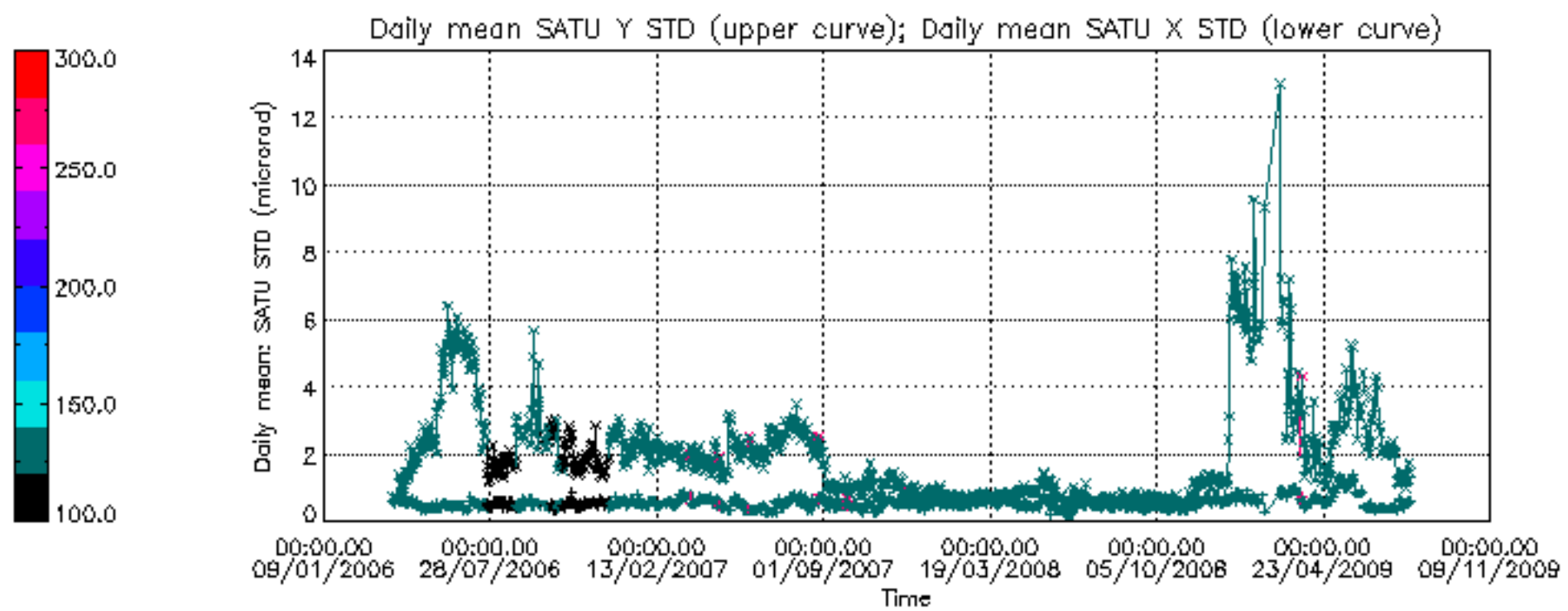


Tangent altitude at which the star is lost









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

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 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
 9; 2579.1; 01-AUG-2009 02:58:17; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;38792
 10; 2765.9; 01-AUG-2009 03:01:24; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;38792
 11; 3090.6; 01-AUG-2009 03:06:48; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38792
 12; 3478.4; 01-AUG-2009 03:13:16; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38792
 13; 3595.8; 01-AUG-2009 03:15:14; Bright; 5.0; 76; 27Gam Cas ; 2.30; 30000;occ; 10; 0;38792

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 3;-1957.7; 01-AUG-2009 03:23:16; Bright; 61.0; 35; 33Alp Per ; 1.79; 6250;occ; 122; 0;38792
 4;-1720.3; 01-AUG-2009 03:27:13; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;38792
 5;-1534.4; 01-AUG-2009 03:30:19; Dark ; 55.0; 150; 44Zet Per ; 2.89; 28000;occ; 110; 0;38792
 6;-1245.8; 01-AUG-2009 03:35:08; Dark ; 44.0; 13; 87Alp Tau ; 0.87; 3800;occ; 88; 0;38792
 7;-1085.9; 01-AUG-2009 03:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38792
 8; -587.1; 01-AUG-2009 03:46:07; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;38792
 9; -21.8; 01-AUG-2009 03:55:32; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38792
 10; 595.3; 01-AUG-2009 04:05:49; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;38793
 11; 920.5; 01-AUG-2009 04:11:14; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;38793
 12; 1109.0; 01-AUG-2009 04:14:23; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38793
 13; 1570.6; 01-AUG-2009 04:22:04; Bright; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;38793
 14; 1823.3; 01-AUG-2009 04:26:17; Bright; 52.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 105; 0;38793
 15; 2578.6; 01-AUG-2009 04:38:52; Bright; 43.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 87; 0;38793
 16; 2765.5; 01-AUG-2009 04:41:59; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;38793
 17; 3090.1; 01-AUG-2009 04:47:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38793
 18; 3477.5; 01-AUG-2009 04:53:51; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38793
 19; 3595.3; 01-AUG-2009 04:55:49; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38793

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 2;-1957.9; 01-AUG-2009 05:03:52; Bright; 51.0; 35; 33Alp Per ; 1.79; 6250;occ; 102; 0;38793
 3;-1720.3; 01-AUG-2009 05:07:49; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;38793
 4;-1534.2; 01-AUG-2009 05:10:56; Dark ; 53.5; 150; 44Zet Per ; 2.89; 28000;occ; 107; 0;38793
 5;-1245.3; 01-AUG-2009 05:15:45; Dark ; 54.5; 13; 87Alp Tau ; 0.87; 3800;occ; 109; 0;38793
 6;-1085.4; 01-AUG-2009 05:18:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38793
 7; -586.0; 01-AUG-2009 05:26:44; Dark ; 54.0; 165; 34Gam Eri ; 2.95; 3200;occ; 108; 0;38793
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 9; 596.4; 01-AUG-2009 05:46:26; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38794
 10; 921.2; 01-AUG-2009 05:51:51; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;38794
 11; 1109.5; 01-AUG-2009 05:54:59; Dark ; 45.0; 172; Gam Gru ; 3.00; 13100;occ; 90; 0;38794
 12; 1570.5; 01-AUG-2009 06:02:40; Bright; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;38794
 13; 1823.1; 01-AUG-2009 06:06:53; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38794
 14; 2578.0; 01-AUG-2009 06:19:28; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;38794

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16; 3089.9; 01-AUG-2009 06:28:00; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38794
17; 3476.7; 01-AUG-2009 06:34:27; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38794
18; 3594.7; 01-AUG-2009 06:36:24; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38794
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 2; 1571.3; 01-AUG-2009 21:08:05; Bright; 52.5; 142; 49Del Cap ; 2.85; 8900;occ; 105; 0;38803
 3; 1821.1; 01-AUG-2009 21:12:14; Bright; 53.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 107; 0;38803
 4; 2573.2; 01-AUG-2009 21:24:46; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;38803
 5; 2760.7; 01-AUG-2009 21:27:54; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;38803
 6; 3086.0; 01-AUG-2009 21:33:19; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38803
 7; 3469.2; 01-AUG-2009 21:39:43; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38803
 8; 3588.3; 01-AUG-2009 21:41:42; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38803
 9; 3974.8; 01-AUG-2009 21:48:08; Bright; 48.0; 160; 23Gam Per ; 2.93; 4700;occ; 96; 0;38803
10; 4075.3; 01-AUG-2009 21:49:49; Bright; 69.0; 35; 33Alp Per ; 1.79; 6250;occ; 138; 0;38803
11; 4315.0; 01-AUG-2009 21:53:48; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;38803
12; 4503.1; 01-AUG-2009 21:56:56; Dark ; 55.5; 150; 44Zet Per ; 2.89; 28000;occ; 111; 0;38803
13; 4698.7; 01-AUG-2009 22:00:12; Dark ; 59.5; 146; 25Eta Tau ; 2.87; 15200;occ; 119; 0;38803
14; 4794.5; 01-AUG-2009 22:01:48; Dark ; 57.5; 13; 87Alp Tau ; 0.87; 3800;occ; 115; 0;38803
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 4; 606.9; 01-AUG-2009 22:32:36; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38804
 5; 927.5; 01-AUG-2009 22:37:57; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;38804
 6; 1114.2; 01-AUG-2009 22:41:03; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;38804
 7; 1571.5; 01-AUG-2009 22:48:41; Bright; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;38804
 8; 1821.1; 01-AUG-2009 22:52:50; Bright; 52.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 105; 0;38804
 9; 2572.8; 01-AUG-2009 23:05:22; Bright; 47.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 95; 0;38804
10; 2760.2; 01-AUG-2009 23:08:29; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;38804
11; 3085.5; 01-AUG-2009 23:13:55; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38804
12; 3468.5; 01-AUG-2009 23:20:18; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38804
13; 3587.5; 01-AUG-2009 23:22:17; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38804
14; 3974.4; 01-AUG-2009 23:28:43; Bright; 70.0; 160; 23Gam Per ; 2.93; 4700;occ; 140; 0;38804
15; 4075.0; 01-AUG-2009 23:30:24; Bright; 69.0; 35; 33Alp Per ; 1.79; 6250;occ; 138; 0;38804
16; 4314.9; 01-AUG-2009 23:34:24; Bright; 48.5; 149; 45Eps Per ; 2.89; 30000;occ; 97; 0;38804
17; 4503.3; 01-AUG-2009 23:37:32; Dark ; 55.5; 150; 44Zet Per ; 2.89; 28000;occ; 111; 0;38804
18; 4699.2; 01-AUG-2009 23:40:48; Dark ; 57.0; 146; 25Eta Tau ; 2.87; 15200;occ; 114; 0;38804
19; 4794.9; 01-AUG-2009 23:42:24; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;38804
20; 5303.0; 01-AUG-2009 23:50:52; Dark ; 3.5; 0; ; 0.00; 0;occ; 7; 0;38804
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 3; -10.3; 02-AUG-2009 00:02:55; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;38804
 4; 607.9; 02-AUG-2009 00:13:13; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38805
 5; 930.2; 02-AUG-2009 00:18:35; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;38805
 6; 1114.7; 02-AUG-2009 00:21:40; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38805
 7; 1571.4; 02-AUG-2009 00:29:16; Bright; 74.0; 142; 49Del Cap ; 2.85; 8900;occ; 148; 0;38805
 8; 1820.9; 02-AUG-2009 00:33:26; Bright; 50.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 100; 0;38805
 9; 2572.1; 02-AUG-2009 00:45:57; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38805
10; 2759.8; 02-AUG-2009 00:49:05; Bright; 60.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 120; 0;38805
11; 3085.1; 02-AUG-2009 00:54:30; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38805
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14; 3974.1; 02-AUG-2009 01:09:19; Bright; 47.0; 160; 23Gam Per ; 2.93; 4700;occ; 94; 0;38805
15; 4074.7; 02-AUG-2009 01:11:00; Bright; 48.0; 35; 33Alp Per ; 1.79; 6250;occ; 96; 0;38805
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 4; -1720.5; 01-AUG-2009 06:48:25; Bright; 47.0; 149; 45Eps Per ; 2.89; 30000;occ; 94; 0;38794
 5; -1590.1; 01-AUG-2009 06:50:36; Bright; 47.5; 114; 3Iot Aur ; 2.69; 4600;occ; 95; 0;38794
 6; -1244.9; 01-AUG-2009 06:56:21; Dark ; 50.0; 13; 87Alp Tau ; 0.87; 3800;occ; 100; 0;38794

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8; 4077.6; 01-AUG-2009 08:25:03; Bright; 51.5; 35; 33Alp Per ; 1.79; 6250;occ; 103; 0;38795
9; 4315.6; 01-AUG-2009 08:29:01; Bright; 48.0; 149; 45Eps Per ; 2.89; 30000;occ; 96; 0;38795
10; 4446.0; 01-AUG-2009 08:31:12; Bright; 45.5; 114; 3Iot Aur ; 2.69; 4600;occ; 91; 0;38795
11; 4791.4; 01-AUG-2009 08:36:57; Dark ; 56.5; 13; 87Alp Tau ; 0.87; 3800;occ; 113; 0;38795
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 18; 3430.6; 05-AUG-2009 06:07:48; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;38851
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 13; 4311.9; 05-AUG-2009 21:27:53; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;38860
 14; 4526.5; 05-AUG-2009 21:31:28; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38860
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8; 1811.3; 05-AUG-2009 22:26:48; Bright; 49.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 98; 0;38861
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11; 3062.9; 05-AUG-2009 22:47:40; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38861
12; 3422.5; 05-AUG-2009 22:53:40; Bright; 73.0; 74; 11Bet Cas ; 2.27; 6600;occ; 146; 0;38861
13; 3547.2; 05-AUG-2009 22:55:44; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38861
14; 3951.4; 05-AUG-2009 23:02:29; Bright; 52.5; 160; 23Gam Per ; 2.93; 4700;occ; 105; 0;38861
15; 4057.2; 05-AUG-2009 23:04:14; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38861
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9; 2546.2; 06-AUG-2009 00:19:39; Bright; 60.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 120; 0;38862
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12; 3421.5; 06-AUG-2009 00:34:15; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38862
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5; 1809.1; 07-AUG-2009 06:18:09; Bright; 47.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 95; 0;38880
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4; 2164.4; 07-AUG-2009 21:29:28; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38889
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4; 2724.0; 08-AUG-2009 11:03:35; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38897
5; 3050.0; 08-AUG-2009 11:09:00; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38897
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9; 4044.3; 08-AUG-2009 11:25:35; Bright; 51.0; 35; 33Alp Per ; 1.79; 6250;occ; 102; 0;38897
10; 4199.9; 08-AUG-2009 11:28:10; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38897
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12; 4532.6; 08-AUG-2009 11:33:43; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38897
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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
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21; 6739.0; 08-AUG-2009 13:51:05; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38898
22; 6947.5; 08-AUG-2009 13:54:34; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38898
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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
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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
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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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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
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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
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3; 1806.8; 08-AUG-2009 17:30:41; Bright; 66.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 132; 0;38901
4; 2157.9; 08-AUG-2009 17:36:32; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38901
5; 2531.6; 08-AUG-2009 17:42:46; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38901
6; 2722.6; 08-AUG-2009 17:45:57; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38901
7; 3048.7; 08-AUG-2009 17:51:23; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38901
8; 3390.1; 08-AUG-2009 17:57:04; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38901
9; 3518.0; 08-AUG-2009 17:59:12; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38901
10; 3933.4; 08-AUG-2009 18:06:08; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38901
11; 4042.8; 08-AUG-2009 18:07:57; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38901
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13; 4308.4; 08-AUG-2009 18:12:23; Bright; 56.0; 149; 45Eps Per ; 2.89; 30000;occ; 112; 0;38901
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9; 3517.3; 08-AUG-2009 19:39:48; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38902
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13; 4308.3; 08-AUG-2009 19:52:58; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38902
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22; 6742.9; 08-AUG-2009 20:33:33; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38902
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 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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 13; 710.9; 09-AUG-2009 03:16:01; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;38907
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 18; 2529.7; 09-AUG-2009 03:46:19; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38907
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 13; 711.7; 09-AUG-2009 04:56:37; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38908
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13; 712.9; 09-AUG-2009 06:37:15; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38909
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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
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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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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
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23; 4960.6; 09-AUG-2009 22:53:26; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;38918
24; 5067.7; 09-AUG-2009 22:55:13; Dark ; 46.5; 72; 34Del Ori ; 2.25; 30000;occ; 93; 0;38918
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 10; 2525.6; 09-AUG-2009 23:53:26; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38919
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 2; 1583.6; 10-AUG-2009 16:23:44; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;38929
 3; 1804.2; 10-AUG-2009 16:27:24; Bright; 64.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 128; 0;38929
 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
 7; 2714.0; 10-AUG-2009 16:42:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38929

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 9; 3367.4; 10-AUG-2009 16:53:28; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38929
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 11; 3919.5; 10-AUG-2009 17:02:40; Bright; 75.0; 160; 23Gam Per ; 2.93; 4700;occ; 150; 0;38929
 12; 4031.6; 10-AUG-2009 17:04:32; Bright; 52.0; 35; 33Alp Per ; 1.79; 6250;occ; 104; 0;38929
 13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
 14; 4305.5; 10-AUG-2009 17:09:06; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38929
 15; 4538.6; 10-AUG-2009 17:12:59; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38929
 16; 4672.5; 10-AUG-2009 17:15:13; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;38929
 17; 4854.6; 10-AUG-2009 17:18:15; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;38929
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 19; 5073.5; 10-AUG-2009 17:21:54; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38929
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 22; 5842.4; 10-AUG-2009 17:34:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38929
 23; 6157.3; 10-AUG-2009 17:39:57; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38929
 24; 6768.5; 10-AUG-2009 17:50:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38929
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 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
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 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
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5; 126.9; 11-AUG-2009 02:03:03; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38935
6; 737.1; 11-AUG-2009 02:13:13; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38935
7; 1218.7; 11-AUG-2009 02:21:14; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38935
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
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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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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
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8; -951.4; 11-AUG-2009 03:25:40; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;38935
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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
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13; 738.9; 11-AUG-2009 05:34:26; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;38937
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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
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22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
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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
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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
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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
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4; 140.4; 11-AUG-2009 22:10:27; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38947
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
7; 1585.3; 11-AUG-2009 22:34:32; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38947
8; 1802.8; 11-AUG-2009 22:38:10; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38947
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
15; 3483.9; 11-AUG-2009 23:06:11; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38947
16; 3910.2; 11-AUG-2009 23:13:17; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38947
17; 4023.6; 11-AUG-2009 23:15:11; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38947
18; 4098.0; 11-AUG-2009 23:16:25; Bright; 64.0; 175; 39Del Per ; 3.01; 19400;occ; 128; 0;38947
19; 4541.8; 11-AUG-2009 23:23:49; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38947
20; 4677.4; 11-AUG-2009 23:26:04; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38947
21; 4864.9; 11-AUG-2009 23:29:12; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;38947
22; 4974.7; 11-AUG-2009 23:31:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38947
23; 5090.4; 11-AUG-2009 23:32:57; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38947
24; 5173.7; 11-AUG-2009 23:34:21; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38947
25; 5259.4; 11-AUG-2009 23:35:46; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38947

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3; 141.4; 11-AUG-2009 23:51:04; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38948
4; 748.8; 12-AUG-2009 00:01:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38948
5; 1225.3; 12-AUG-2009 00:09:08; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38948
6; 1585.7; 12-AUG-2009 00:15:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38948
7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
8; 1939.6; 12-AUG-2009 00:21:02; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38948
9; 2135.7; 12-AUG-2009 00:24:18; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38948
10; 2516.8; 12-AUG-2009 00:30:40; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38948
11; 2708.9; 12-AUG-2009 00:33:52; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;38948
12; 3033.3; 12-AUG-2009 00:39:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38948
13; 3352.1; 12-AUG-2009 00:44:35; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38948
14; 3483.2; 12-AUG-2009 00:46:46; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38948
15; 3909.6; 12-AUG-2009 00:53:52; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38948
16; 4023.4; 12-AUG-2009 00:55:46; Bright; 38.0; 35; 33Alp Per ; 1.79; 6250;occ; 76; 0;38948
17; 4097.8; 12-AUG-2009 00:57:01; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38948
18; 4542.0; 12-AUG-2009 01:04:25; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38948
19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
20; 4865.5; 12-AUG-2009 01:09:48; Dark ; 78.0; 13; 87Alp Tau ; 0.87; 3800;occ; 156; 0;38948
21; 4975.2; 12-AUG-2009 01:11:38; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38948
22; 5091.0; 12-AUG-2009 01:13:34; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38948
23; 5174.4; 12-AUG-2009 01:14:57; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38948
24; 5260.0; 12-AUG-2009 01:16:23; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38948

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 2; -2007.8; 11-AUG-2009 06:29:16; Bright; 56.0; 35; 33Alp Per ; 1.79; 6250;occ; 112; 0;38937
 3; -1837.6; 11-AUG-2009 06:32:06; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38937
 4; -1496.0; 11-AUG-2009 06:37:48; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38937
 5; -1361.3; 11-AUG-2009 06:40:02; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38937
 6; -1176.7; 11-AUG-2009 06:43:07; Dark ; 69.0; 13; 87Alp Tau ; 0.87; 3800;occ; 138; 0;38937
 7; -1066.2; 11-AUG-2009 06:44:57; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38937
 8; -950.5; 11-AUG-2009 06:46:53; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38937
 9; -783.2; 11-AUG-2009 06:49:40; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38937
 10; -417.6; 11-AUG-2009 06:55:46; Dark ; 68.5; 165; 34Gam Eri ; 2.95; 3200;occ; 137; 0;38937
 11; -186.5; 11-AUG-2009 06:59:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38937
 12; 130.0; 11-AUG-2009 07:04:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38938
 13; 740.0; 11-AUG-2009 07:15:04; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;38938
 14; 1220.4; 11-AUG-2009 07:23:04; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38938
 15; 1584.5; 11-AUG-2009 07:29:08; Bright; 63.5; 142; 49Del Cap ; 2.85; 8900;occ; 127; 0;38938

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 2; 1942.9; 11-AUG-2009 07:35:06; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;38938
 3; 2140.2; 11-AUG-2009 07:38:24; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38938
 4; 2519.7; 11-AUG-2009 07:44:43; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38938
 5; 2711.6; 11-AUG-2009 07:47:55; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38938
 6; 3036.3; 11-AUG-2009 07:53:20; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38938
 7; 3360.2; 11-AUG-2009 07:58:44; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38938
 8; 3490.8; 11-AUG-2009 08:00:54; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38938
 9; 3914.8; 11-AUG-2009 08:07:58; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38938
 10; 4027.7; 11-AUG-2009 08:09:51; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38938
 11; 4198.4; 11-AUG-2009 08:12:42; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38938
 12; 4540.2; 11-AUG-2009 08:18:24; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38938
 13; 4675.0; 11-AUG-2009 08:20:39; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38938
 14; 4859.8; 11-AUG-2009 08:23:43; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38938
 15; 4970.1; 11-AUG-2009 08:25:34; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;38938
 16; 5086.0; 11-AUG-2009 08:27:30; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38938
 17; 5253.5; 11-AUG-2009 08:30:17; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;38938
 18; 5619.8; 11-AUG-2009 08:36:23; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38938
 19; 5850.3; 11-AUG-2009 08:40:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38938
 20; 6167.2; 11-AUG-2009 08:45:31; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38938
 21; 6776.7; 11-AUG-2009 08:55:40; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38938
 22; 7256.7; 11-AUG-2009 09:03:40; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38938
 23; 7620.5; 11-AUG-2009 09:09:44; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;38938

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 3; 2139.6; 11-AUG-2009 09:18:59; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38939
 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
 5; 2711.1; 11-AUG-2009 09:28:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38939
 6; 3036.1; 11-AUG-2009 09:33:56; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38939
 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
 12; 4540.3; 11-AUG-2009 09:59:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38939
 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
 14; 4860.3; 11-AUG-2009 10:04:20; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38939
 15; 4970.7; 11-AUG-2009 10:06:10; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38939
 16; 5086.5; 11-AUG-2009 10:08:06; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38939
 17; 5254.1; 11-AUG-2009 10:10:54; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38939
 18; 5621.2; 11-AUG-2009 10:17:01; Dark ; 72.5; 165; 34Gam Eri ; 2.95; 3200;occ; 145; 0;38939
 19; 5851.1; 11-AUG-2009 10:20:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38939
 20; 6168.4; 11-AUG-2009 10:26:08; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38939
 21; 6777.5; 11-AUG-2009 10:36:17; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38939
 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
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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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6; 3035.4; 11-AUG-2009 11:14:31; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 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
14; 4860.8; 11-AUG-2009 11:44:56; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 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
17; 5254.8; 11-AUG-2009 11:51:30; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;38940
18; 5622.6; 11-AUG-2009 11:57:38; Dark ; 66.5; 165; 34Gam Eri ; 2.95; 3200;occ; 133; 0;38940
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11; 4100.2; 11-AUG-2009 13:12:51; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38941
12; 4540.7; 11-AUG-2009 13:20:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38941
13; 4675.9; 11-AUG-2009 13:22:27; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38941
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19; 5852.9; 11-AUG-2009 13:42:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38941
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21; 6779.4; 11-AUG-2009 13:57:31; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38941
22; 7258.3; 11-AUG-2009 14:05:30; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;38941
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5; 1231.7; 12-AUG-2009 23:37:37; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38962
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13; 147.3; 12-AUG-2009 08:14:10; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38953
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 11; 4088.5; 13-AUG-2009 20:32:25; Bright; 39.0; 175; 39Del Per ; 3.01; 19400;occ; 78; 0;38974
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 23; 4989.0; 13-AUG-2009 22:28:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38975
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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
6; 3026.9; 13-AUG-2009 11:51:44; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38969
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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
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15; 4878.7; 13-AUG-2009 12:22:36; Dark ; 79.0; 13; 87Alp Tau ; 0.87; 3800;occ; 158; 0;38969
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22; 6804.7; 13-AUG-2009 12:54:42; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;38969
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3; 1932.8; 13-AUG-2009 13:14:06; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38970
4; 2126.8; 13-AUG-2009 13:17:20; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;38970
5; 2511.0; 13-AUG-2009 13:23:44; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38970
6; 3026.7; 13-AUG-2009 13:32:20; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38970
7; 3466.9; 13-AUG-2009 13:39:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38970
8; 3897.6; 13-AUG-2009 13:46:51; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38970
9; 4090.0; 13-AUG-2009 13:50:03; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38970
10; 4196.4; 13-AUG-2009 13:51:49; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38970
11; 4364.2; 13-AUG-2009 13:54:37; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;38970
12; 4546.0; 13-AUG-2009 13:57:39; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38970
13; 4683.9; 13-AUG-2009 13:59:57; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38970
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3; 1932.6; 13-AUG-2009 14:54:42; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38971
4; 2126.5; 13-AUG-2009 14:57:55; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38971
5; 2511.0; 13-AUG-2009 15:04:20; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38971
6; 3026.2; 13-AUG-2009 15:12:55; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38971
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8; 3466.2; 13-AUG-2009 15:20:15; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38971
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14; 4684.3; 13-AUG-2009 15:40:33; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38971
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5; 2126.1; 13-AUG-2009 16:38:31; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38972
6; 2510.6; 13-AUG-2009 16:44:56; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38972
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11; 4089.4; 13-AUG-2009 17:11:14; Bright; 43.0; 175; 39Del Per ; 3.01; 19400;occ; 86; 0;38972
12; 4196.2; 13-AUG-2009 17:13:01; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38972
13; 4364.6; 13-AUG-2009 17:15:50; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;38972
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18; 5103.8; 13-AUG-2009 17:28:09; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38972
19; 5188.1; 13-AUG-2009 17:29:33; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;38972
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21; 5881.3; 13-AUG-2009 17:41:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38972
22; 6206.1; 13-AUG-2009 17:46:31; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38972
23; 6807.7; 13-AUG-2009 17:56:33; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38972
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3; 1801.3; 13-AUG-2009 18:13:42; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38973
4; 1931.9; 13-AUG-2009 18:15:53; Bright; 72.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 144; 0;38973
5; 2125.8; 13-AUG-2009 18:19:07; Bright; 56.5; 61; 8Eps Peg ; 2.10; 3900;occ; 113; 0;38973
6; 2510.5; 13-AUG-2009 18:25:31; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38973
7; 3025.6; 13-AUG-2009 18:34:07; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38973
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9; 3464.6; 13-AUG-2009 18:41:26; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38973
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11; 4088.8; 13-AUG-2009 18:51:50; Bright; 43.0; 175; 39Del Per ; 3.01; 19400;occ; 86; 0;38973
12; 4196.2; 13-AUG-2009 18:53:37; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38973
13; 4364.6; 13-AUG-2009 18:56:26; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38973
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16; 4881.3; 13-AUG-2009 19:05:02; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;38973
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4; 1238.7; 14-AUG-2009 00:46:43; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38977
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9; 1801.1; 14-AUG-2009 02:36:42; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;38978
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5; 1801.0; 14-AUG-2009 05:57:53; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;38980
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8; 2508.7; 14-AUG-2009 06:09:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38980
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4; 1927.4; 14-AUG-2009 21:05:23; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38989
5; 2119.9; 14-AUG-2009 21:08:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38989
6; 2511.5; 14-AUG-2009 21:15:07; Bright; 33.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 66; 0;38989
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8; 3319.7; 14-AUG-2009 21:28:36; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38989
9; 3452.6; 14-AUG-2009 21:30:48; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38989
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12; 4549.7; 14-AUG-2009 21:49:06; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;38989
13; 4689.3; 14-AUG-2009 21:51:25; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38989
14; 4924.6; 14-AUG-2009 21:55:21; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;38989
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16; 5197.9; 14-AUG-2009 21:59:54; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38989
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5; 786.0; 14-AUG-2009 22:26:58; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38990
6; 1244.5; 14-AUG-2009 22:34:36; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38990
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8; 1800.3; 14-AUG-2009 22:43:52; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38990
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11; 3021.2; 14-AUG-2009 23:04:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38990
12; 3318.8; 14-AUG-2009 23:09:11; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38990
13; 3451.7; 14-AUG-2009 23:11:23; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38990
14; 4194.9; 14-AUG-2009 23:23:47; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;38990
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19; 5113.8; 14-AUG-2009 23:39:06; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38990
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6; 1589.9; 15-AUG-2009 00:20:58; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;38991
7; 1800.4; 15-AUG-2009 00:24:28; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38991
8; 1926.9; 15-AUG-2009 00:26:34; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38991
9; 2119.2; 15-AUG-2009 00:29:47; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38991
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12; 3450.9; 15-AUG-2009 00:51:58; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38991
13; 4194.8; 15-AUG-2009 01:04:22; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38991
14; 4365.9; 15-AUG-2009 01:07:13; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;38991
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2; 1800.6; 14-AUG-2009 12:40:17; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38984
3; 1928.6; 14-AUG-2009 12:42:25; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38984
4; 2121.7; 14-AUG-2009 12:45:38; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;38984
5; 2507.7; 14-AUG-2009 12:52:04; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38984
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7; 3323.6; 14-AUG-2009 13:05:40; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;38984
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 5; 2120.3; 14-AUG-2009 19:28:00; Bright; 66.0; 61; 8Eps Peg ; 2.10; 3900;occ; 132; 0;38988
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10; 4195.0; 14-AUG-2009 20:02:35; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;38988
11; 4365.6; 14-AUG-2009 20:05:26; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;38988
12; 4549.4; 14-AUG-2009 20:08:29; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;38988
13; 4689.1; 14-AUG-2009 20:10:49; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38988
14; 4924.2; 14-AUG-2009 20:14:44; Dark ; 46.5; 14; 58Alp Ori ; 0.87; 3000;occ; 93; 0;38988
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16; 5197.3; 14-AUG-2009 20:19:17; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38988
17; 5288.8; 14-AUG-2009 20:20:49; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;38988
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19; 6224.4; 14-AUG-2009 20:36:24; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;38988
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 5; 1245.4; 15-AUG-2009 01:55:49; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38992
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 9; 2118.8; 15-AUG-2009 02:10:22; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38992
10; 3021.3; 15-AUG-2009 02:25:25; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;38992
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3; 2108.5; 17-AUG-2009 09:29:58; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;39025
4; 3291.8; 17-AUG-2009 09:49:41; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39025
5; 3425.3; 17-AUG-2009 09:51:54; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;39025
6; 4191.8; 17-AUG-2009 10:04:41; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;39025
7; 4368.4; 17-AUG-2009 10:07:38; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39025
8; 4556.8; 17-AUG-2009 10:10:46; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39025
9; 4700.7; 17-AUG-2009 10:13:10; Dark ; 48.0; 176; 23Zet Tau ; 3.02; 22000;occ; 96; 0;39025
10; 4940.1; 17-AUG-2009 10:17:09; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39025
11; 5135.2; 17-AUG-2009 10:20:24; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;39025
12; 5220.8; 17-AUG-2009 10:21:50; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;39025
13; 5318.4; 17-AUG-2009 10:23:27; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;39025
14; 5428.0; 17-AUG-2009 10:25:17; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;39025
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16; 6268.4; 17-AUG-2009 10:39:18; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;39025
17; 6852.1; 17-AUG-2009 10:49:01; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39025
18; 7295.7; 17-AUG-2009 10:56:25; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;39025
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3; 2108.1; 17-AUG-2009 11:10:33; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39026
4; 3290.8; 17-AUG-2009 11:30:16; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39026
5; 3424.7; 17-AUG-2009 11:32:30; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39026
6; 4191.8; 17-AUG-2009 11:45:17; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;39026
7; 4368.5; 17-AUG-2009 11:48:13; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39026
8; 4557.1; 17-AUG-2009 11:51:22; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;39026
9; 4700.9; 17-AUG-2009 11:53:46; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39026
10; 4940.7; 17-AUG-2009 11:57:46; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39026
11; 5136.0; 17-AUG-2009 12:01:01; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;39026
12; 5221.8; 17-AUG-2009 12:02:27; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;39026
13; 5319.1; 17-AUG-2009 12:04:04; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;39026
14; 5428.6; 17-AUG-2009 12:05:54; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;39026
15; 5599.9; 17-AUG-2009 12:08:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39026
16; 6269.5; 17-AUG-2009 12:19:54; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39026
17; 6853.0; 17-AUG-2009 12:29:38; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39026
18; 7296.2; 17-AUG-2009 12:37:01; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39026
19; 7629.9; 17-AUG-2009 12:42:35; Bright; 28.0; 142; 49Del Cap ; 2.85; 8900;occ; 56; 0;39026

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3; 1918.3; 17-AUG-2009 12:47:59; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;39027
4; 2107.8; 17-AUG-2009 12:51:09; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39027
5; 3290.1; 17-AUG-2009 13:10:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39027
6; 3423.9; 17-AUG-2009 13:13:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;39027
7; 4191.8; 17-AUG-2009 13:25:53; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;39027

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9; 4557.3; 17-AUG-2009 13:31:58; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;39027
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13; 5222.5; 17-AUG-2009 13:43:03; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;39027
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16; 5600.6; 17-AUG-2009 13:49:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39027
17; 6270.8; 17-AUG-2009 14:00:32; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39027
18; 6853.8; 17-AUG-2009 14:10:15; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39027
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3; 1918.1; 17-AUG-2009 14:28:35; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39028
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5; 3289.7; 17-AUG-2009 14:51:26; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39028
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8; 4368.9; 17-AUG-2009 15:09:26; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39028
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13; 5223.2; 17-AUG-2009 15:23:40; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;39028
14; 5320.9; 17-AUG-2009 15:25:18; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;39028
15; 5430.2; 17-AUG-2009 15:27:07; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;39028
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4; 1917.8; 17-AUG-2009 16:09:10; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;39029
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11; 4702.2; 17-AUG-2009 16:55:35; Dark ; 48.0; 176; 23Zet Tau ; 3.02; 22000;occ; 96; 0;39029
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13; 5137.8; 17-AUG-2009 17:02:50; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;39029
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15; 5321.7; 17-AUG-2009 17:05:54; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;39029
16; 5430.9; 17-AUG-2009 17:07:44; Dark ; 48.0; 101; 11Alp Lep ; 2.58; 7000;occ; 96; 0;39029
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18; 6273.2; 17-AUG-2009 17:21:46; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39029
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4; 1917.6; 17-AUG-2009 17:49:46; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39030
5; 2107.0; 17-AUG-2009 17:52:56; Bright; 63.0; 61; 8Eps Peg ; 2.10; 3900;occ; 126; 0;39030
6; 3287.7; 17-AUG-2009 18:12:36; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39030
7; 3379.1; 17-AUG-2009 18:14:08; Bright; 25.0; 68; 18Alp Cas ; 2.22; 4500;occ; 50; 0;39030
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13; 4942.6; 17-AUG-2009 18:40:11; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;39030
14; 5138.4; 17-AUG-2009 18:43:27; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;39030
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16; 5323.4; 17-AUG-2009 20:27:08; Dark ; 67.0; 7; 19Bet Ori ; 0.10; 14000;occ; 134; 0;39031
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13; 5243.6; 19-AUG-2009 16:01:22; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39057
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9; 4370.8; 19-AUG-2009 17:27:25; Bright; 60.0; 107; 37The Aur ; 2.65; 11000;occ; 120; 0;39058
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13; 5040.0; 19-AUG-2009 17:38:35; Dark ; 55.0; 27; 24Gam Ori ; 1.64; 26000;occ; 110; 0;39058
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16; 5347.3; 19-AUG-2009 17:43:42; Dark ; 60.0; 7; 19Bet Ori ; 0.10; 14000;occ; 120; 0;39058
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13; 859.5; 21-AUG-2009 07:02:41; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39081
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3; 2094.7; 21-AUG-2009 07:23:16; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;39081
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5; 3249.4; 21-AUG-2009 07:42:30; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;39081
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7; 4185.3; 21-AUG-2009 07:58:06; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;39081
8; 4372.2; 21-AUG-2009 08:01:13; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;39081
9; 4568.6; 21-AUG-2009 08:04:30; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;39081
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6; 3382.6; 21-AUG-2009 09:25:19; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;39082
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8; 4372.2; 21-AUG-2009 09:41:49; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39082
9; 4568.9; 21-AUG-2009 09:45:06; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;39082
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 4; 2599.7; 21-AUG-2009 10:52:52; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;39083
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14; 5263.3; 21-AUG-2009 11:37:16; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;39083
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19; 6897.5; 21-AUG-2009 12:04:30; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39083
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 5; 3246.3; 21-AUG-2009 14:24:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39085
 6; 3380.3; 21-AUG-2009 14:27:05; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39085
 7; 4184.8; 21-AUG-2009 14:40:29; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;39085
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 10; -652.7; 22-AUG-2009 07:46:27; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;39095
 11; -554.0; 22-AUG-2009 07:48:06; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;39095
 12; -379.0; 22-AUG-2009 07:51:01; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39095
 13; 317.1; 22-AUG-2009 08:02:37; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;39096
 14; 870.6; 22-AUG-2009 08:11:50; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;39096
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 2; 2091.5; 22-AUG-2009 08:32:11; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;39096
 3; 2589.1; 22-AUG-2009 08:40:29; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;39096
 4; 3238.2; 22-AUG-2009 08:51:18; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39096
 5; 3372.0; 22-AUG-2009 08:53:32; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39096
 6; 4183.2; 22-AUG-2009 09:07:03; Bright; 50.5; 6; 13Alp Aur ; 0.08; 3400;occ; 101; 0;39096
 7; 4372.9; 22-AUG-2009 09:10:13; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39096
 8; 4480.1; 22-AUG-2009 09:12:00; Dark ; 31.0; 114; 3Iot Aur ; 2.69; 4600;occ; 62; 0;39096
 9; 4571.7; 22-AUG-2009 09:13:32; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;39096
 10; 4725.3; 22-AUG-2009 09:16:05; Dark ; 50.5; 176; 23Zet Tau ; 3.02; 22000;occ; 101; 0;39096
 11; 4975.6; 22-AUG-2009 09:20:15; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;39096
 12; 5067.6; 22-AUG-2009 09:21:47; Dark ; 55.5; 27; 24Gam Ori ; 1.64; 26000;occ; 111; 0;39096
 13; 5185.2; 22-AUG-2009 09:23:45; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39096
 14; 5274.0; 22-AUG-2009 09:25:14; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;39096
 15; 5384.3; 22-AUG-2009 09:27:04; Dark ; 74.0; 7; 19Bet Ori ; 0.10; 14000;occ; 148; 0;39096
 16; 5482.8; 22-AUG-2009 09:28:43; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;39096
 17; 5657.8; 22-AUG-2009 09:31:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39096
 18; 6354.2; 22-AUG-2009 09:43:14; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;39096
 19; 6907.2; 22-AUG-2009 09:52:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39096
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 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
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 11; 4976.2; 22-AUG-2009 11:00:52; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39097
 12; 5068.3; 22-AUG-2009 11:02:24; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;39097
 13; 5185.8; 22-AUG-2009 11:04:22; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;39097
 14; 5274.6; 22-AUG-2009 11:05:50; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;39097
 15; 5385.2; 22-AUG-2009 11:07:41; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;39097
 16; 5483.5; 22-AUG-2009 11:09:19; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;39097
 17; 5658.6; 22-AUG-2009 11:12:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39097
 18; 6355.3; 22-AUG-2009 11:23:51; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39097
 19; 6907.9; 22-AUG-2009 11:33:04; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39097
 20; 7322.9; 22-AUG-2009 11:39:59; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39097

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 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
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 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
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13; 5275.1; 22-AUG-2009 12:46:27; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;39098
14; 5386.2; 22-AUG-2009 12:48:18; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;39098
15; 5484.6; 22-AUG-2009 12:49:56; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;39098
16; 5659.5; 22-AUG-2009 12:52:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39098
17; 6356.7; 22-AUG-2009 13:04:28; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39098
18; 6908.9; 22-AUG-2009 13:13:40; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39098
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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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 7; 4373.2; 22-AUG-2009 14:12:01; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39099
 8; 4572.5; 22-AUG-2009 14:15:20; Dark ; 56.5; 28; 12Bet Tau ; 1.65; 15200;occ; 113; 0;39099
 9; 4726.4; 22-AUG-2009 14:17:54; Dark ; 52.0; 176; 23Zet Tau ; 3.02; 22000;occ; 104; 0;39099
10; 4977.3; 22-AUG-2009 14:22:05; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;39099
11; 5070.0; 22-AUG-2009 14:23:37; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;39099
12; 5187.5; 22-AUG-2009 14:25:35; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;39099
13; 5276.1; 22-AUG-2009 14:27:04; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39099
14; 5387.2; 22-AUG-2009 14:28:55; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39099
15; 5485.5; 22-AUG-2009 14:30:33; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;39099
16; 5660.4; 22-AUG-2009 14:33:28; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39099
17; 6357.9; 22-AUG-2009 14:45:05; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39099
18; 6909.6; 22-AUG-2009 14:54:17; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39099
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 3; 2090.8; 22-AUG-2009 15:14:34; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39100
 4; 2586.0; 22-AUG-2009 15:22:49; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;39100
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 9; 4726.9; 22-AUG-2009 15:58:30; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39100
10; 4977.9; 22-AUG-2009 16:02:41; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;39100
11; 5070.8; 22-AUG-2009 16:04:14; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39100
12; 5188.4; 22-AUG-2009 16:06:12; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39100
13; 5277.2; 22-AUG-2009 16:07:41; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;39100
14; 5388.4; 22-AUG-2009 16:09:32; Dark ; 71.5; 7; 19Bet Ori ; 0.10; 14000;occ; 143; 0;39100
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17; 6359.2; 22-AUG-2009 16:25:43; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39100
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 4; 2585.3; 22-AUG-2009 17:03:25; Bright; 49.0; 164; 44Eta Peg ; 2.95; 5400;occ; 98; 0;39101
 5; 3234.7; 22-AUG-2009 17:14:14; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39101
 6; 3368.3; 22-AUG-2009 17:16:28; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;39101
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17; 5662.3; 22-AUG-2009 17:54:42; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39101
18; 6360.3; 22-AUG-2009 18:06:20; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39101

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4;-1283.0; 24-AUG-2009 03:11:31; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39121
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 5; 3203.8; 25-AUG-2009 17:19:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39144
 6; 3336.4; 25-AUG-2009 17:21:41; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39144
 7; 4175.5; 25-AUG-2009 17:35:40; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39144
 8; 4375.4; 25-AUG-2009 17:39:00; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39144
 9; 4583.0; 25-AUG-2009 17:42:27; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39144
10; 4760.5; 25-AUG-2009 17:45:25; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39144
11; 5003.9; 25-AUG-2009 17:49:28; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;39144
12; 5107.8; 25-AUG-2009 17:51:12; Dark ; 59.5; 27; 24Gam Ori ; 1.64; 26000;occ; 119; 0;39144
13; 5225.2; 25-AUG-2009 17:53:09; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39144
14; 5342.5; 25-AUG-2009 17:55:07; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39144
15; 5437.2; 25-AUG-2009 17:56:41; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;39144
16; 5586.7; 25-AUG-2009 17:59:11; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;39144
17; 5702.6; 25-AUG-2009 18:01:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39144
18; 6413.5; 25-AUG-2009 18:12:58; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39144
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 2; 1900.6; 25-AUG-2009 18:38:21; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39145
 3; 2083.6; 25-AUG-2009 18:41:24; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39145
 4; 2553.1; 25-AUG-2009 18:49:13; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39145
 5; 3203.3; 25-AUG-2009 19:00:03; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39145
 6; 3335.8; 25-AUG-2009 19:02:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39145
 7; 4175.2; 25-AUG-2009 19:16:15; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;39145
 8; 4375.5; 25-AUG-2009 19:19:36; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39145

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

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 4; -445.5; 26-AUG-2009 00:41:38; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39148
 5; -329.5; 26-AUG-2009 00:43:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39148
 6; 382.5; 26-AUG-2009 00:55:26; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39149
 7; 908.0; 26-AUG-2009 01:04:12; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39149
 8; 1304.2; 26-AUG-2009 01:10:48; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39149
 9; 1900.2; 26-AUG-2009 01:20:44; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39149
 10; 2082.9; 26-AUG-2009 01:23:47; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39149
 11; 2550.3; 26-AUG-2009 01:31:34; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39149
 12; 3200.4; 26-AUG-2009 01:42:24; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39149
 13; 3332.8; 26-AUG-2009 01:44:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39149
 14; 4174.6; 26-AUG-2009 01:58:38; Bright; 69.0; 6; 13Alp Aur ; 0.08; 3400;occ; 138; 0;39149
 15; 4375.5; 26-AUG-2009 02:01:59; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39149
 16; 4584.1; 26-AUG-2009 02:05:28; Dark ; 62.0; 28; 12Bet Tau ; 1.65; 15200;occ; 124; 0;39149
 17; 4762.0; 26-AUG-2009 02:08:26; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;39149
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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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 6; -444.4; 26-AUG-2009 02:22:15; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39149
 7; -328.5; 26-AUG-2009 02:24:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39149
 8; 383.6; 26-AUG-2009 02:36:03; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39150
 9; 908.8; 26-AUG-2009 02:44:48; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39150
 10; 1304.5; 26-AUG-2009 02:51:24; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39150
 11; 1900.2; 26-AUG-2009 03:01:20; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39150
 12; 2083.0; 26-AUG-2009 03:04:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39150
 13; 2549.9; 26-AUG-2009 03:12:09; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39150
 14; 3199.6; 26-AUG-2009 03:22:59; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39150
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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
6; -921.9; 26-AUG-2009 05:35:30; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39151
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8; -687.6; 26-AUG-2009 05:39:24; Dark ; 51.5; 56; 53Kap Ori ; 2.07; 30000;occ; 103; 0;39151
9; -590.2; 26-AUG-2009 05:41:01; Dark ; 69.0; 7; 19Bet Ori ; 0.10; 14000;occ; 138; 0;39151
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11; -326.5; 26-AUG-2009 05:45:25; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39151
12; 386.1; 26-AUG-2009 05:57:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39152
13; 910.3; 26-AUG-2009 06:06:02; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39152
14; 1305.3; 26-AUG-2009 06:12:37; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39152
15; 1900.0; 26-AUG-2009 06:22:31; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39152
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17; 2548.6; 26-AUG-2009 06:33:20; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39152
18; 3198.4; 26-AUG-2009 06:44:10; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39152
19; 3330.5; 26-AUG-2009 06:46:22; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39152
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3; 1899.2; 26-AUG-2009 21:27:54; Bright; 59.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 118; 0;39161
4; 2081.3; 26-AUG-2009 21:30:56; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;39161
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7; 3323.8; 26-AUG-2009 21:51:39; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39161
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9; 4376.0; 26-AUG-2009 22:09:11; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39161
10; 4587.0; 26-AUG-2009 22:12:42; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39161
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5; -316.6; 26-AUG-2009 22:31:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39161
6; 398.3; 26-AUG-2009 22:43:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39162
7; 916.8; 26-AUG-2009 22:52:08; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39162
8; 1308.4; 26-AUG-2009 22:58:39; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39162
9; 1898.9; 26-AUG-2009 23:08:30; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39162
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11; 2542.0; 26-AUG-2009 23:19:13; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39162
12; 3191.4; 26-AUG-2009 23:30:02; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39162
13; 3323.1; 26-AUG-2009 23:32:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39162
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19; 5124.5; 27-AUG-2009 00:02:15; Dark ; 64.5; 27; 24Gam Ori ; 1.64; 26000;occ; 129; 0;39162
20; 5241.7; 27-AUG-2009 00:04:12; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;39162
21; 5357.9; 27-AUG-2009 00:06:09; Dark ; 25.5; 56; 53Kap Ori ; 2.07; 30000;occ; 51; 0;39162
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7; -803.5; 26-AUG-2009 07:18:04; Dark ; 59.5; 30; 46Eps Ori ; 1.69; 30000;occ; 119; 0;39152
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2; 2082.4; 26-AUG-2009 08:06:10; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;39153
3; 2547.8; 26-AUG-2009 08:13:55; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;39153
4; 3197.8; 26-AUG-2009 08:24:45; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39153
5; 3329.9; 26-AUG-2009 08:26:57; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39153
6; 4173.7; 26-AUG-2009 08:41:01; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39153
7; 4375.6; 26-AUG-2009 08:44:23; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39153
8; 4585.1; 26-AUG-2009 08:47:53; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39153
9; 4763.2; 26-AUG-2009 08:50:51; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39153
10; 5009.3; 26-AUG-2009 08:54:57; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;39153
11; 5116.1; 26-AUG-2009 08:56:44; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39153
12; 5233.3; 26-AUG-2009 08:58:41; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39153
13; 5350.1; 26-AUG-2009 09:00:38; Dark ; 50.5; 56; 53Kap Ori ; 2.07; 30000;occ; 101; 0;39153
14; 5448.1; 26-AUG-2009 09:02:16; Dark ; 80.0; 7; 19Bet Ori ; 0.10; 14000;occ; 160; 0;39153
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3; 2547.0; 26-AUG-2009 09:54:30; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39154
4; 3196.8; 26-AUG-2009 10:05:20; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39154
5; 3329.1; 26-AUG-2009 10:07:32; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39154
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7; 4375.7; 26-AUG-2009 10:24:59; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39154
8; 4585.3; 26-AUG-2009 10:28:29; Dark ; 58.0; 28; 12Bet Tau ; 1.65; 15200;occ; 116; 0;39154
9; 4763.6; 26-AUG-2009 10:31:27; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39154
10; 5010.0; 26-AUG-2009 10:35:33; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39154
11; 5116.9; 26-AUG-2009 10:37:20; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39154
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13; 5350.9; 26-AUG-2009 10:41:14; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39154
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15; 5596.4; 26-AUG-2009 10:45:20; Dark ; 50.5; 139; 9Bet Lep ; 2.83; 5600;occ; 101; 0;39154
16; 5712.3; 26-AUG-2009 10:47:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39154
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18; 6948.1; 26-AUG-2009 11:07:51; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;39154
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2; 2546.3; 26-AUG-2009 11:35:06; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39155
3; 3196.0; 26-AUG-2009 11:45:55; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;39155
4; 3328.3; 26-AUG-2009 11:48:08; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39155
5; 4173.3; 26-AUG-2009 12:02:13; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;39155
6; 4375.7; 26-AUG-2009 12:05:35; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39155
7; 4585.6; 26-AUG-2009 12:09:05; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39155
8; 4763.8; 26-AUG-2009 12:12:03; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39155
9; 5010.6; 26-AUG-2009 12:16:10; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;39155
10; 5117.8; 26-AUG-2009 12:17:57; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;39155
11; 5235.1; 26-AUG-2009 12:19:54; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39155
12; 5351.8; 26-AUG-2009 12:21:51; Dark ; 49.0; 56; 53Kap Ori ; 2.07; 30000;occ; 98; 0;39155
13; 5450.5; 26-AUG-2009 12:23:30; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39155
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17; 6948.6; 26-AUG-2009 12:48:28; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39155
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 5; 4173.3; 26-AUG-2009 13:42:48; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39156
 6; 4375.9; 26-AUG-2009 13:46:11; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39156
 7; 4585.7; 26-AUG-2009 13:49:41; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39156
 8; 4764.2; 26-AUG-2009 13:52:39; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39156
 9; 5011.4; 26-AUG-2009 13:56:46; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;39156
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 14; 5598.3; 26-AUG-2009 14:06:33; Dark ; 54.0; 139; 9Bet Lep ; 2.83; 5600;occ; 108; 0;39156
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 17; 6949.5; 26-AUG-2009 14:29:05; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39156
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 5; 3327.0; 26-AUG-2009 15:09:18; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39157
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 8; 4586.0; 26-AUG-2009 15:30:17; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39157
 9; 4764.6; 26-AUG-2009 15:33:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39157
 10; 5012.1; 26-AUG-2009 15:37:23; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;39157
 11; 5119.8; 26-AUG-2009 15:39:11; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39157
 12; 5237.0; 26-AUG-2009 15:41:08; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;39157
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 14; 5453.0; 26-AUG-2009 15:44:44; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39157
 15; 5599.3; 26-AUG-2009 15:47:10; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39157
 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
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 5; 3327.0; 26-AUG-2009 15:09:18; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39157
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 11; 5119.8; 26-AUG-2009 15:39:11; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39157
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 13; 5353.7; 26-AUG-2009 15:43:05; Dark ; 53.0; 56; 53Kap Ori ; 2.07; 30000;occ; 106; 0;39157
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 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
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11; 3180.4; 28-AUG-2009 02:19:26; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;39178
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3; -1444.4; 28-AUG-2009 02:42:57; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;39178
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5; -1264.3; 28-AUG-2009 02:45:57; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39178
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3; 1313.8; 28-AUG-2009 05:09:31; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39180
4; 1898.0; 28-AUG-2009 05:19:15; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;39180
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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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5; 929.2; 28-AUG-2009 06:43:43; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39181
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3; 2529.7; 28-AUG-2009 08:50:59; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39182
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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
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10; 2508.1; 31-AUG-2009 02:13:58; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39221
11; 3151.9; 31-AUG-2009 02:24:42; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39221
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3; -1353.2; 31-AUG-2009 02:50:13; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;39221
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5; -732.4; 31-AUG-2009 03:00:34; Dark ; 64.0; 30; 46Eps Ori ; 1.69; 30000;occ; 128; 0;39221
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9; 471.8; 31-AUG-2009 03:20:38; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39222
10; 954.6; 31-AUG-2009 03:28:41; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39222
11; 1326.2; 31-AUG-2009 03:34:52; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39222
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14; 2507.7; 31-AUG-2009 03:54:34; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39222
15; 3151.3; 31-AUG-2009 04:05:17; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39222
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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
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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
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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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5; 961.6; 31-AUG-2009 23:35:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39234
6; 1329.5; 31-AUG-2009 23:42:07; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39234
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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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5; -976.6; 31-AUG-2009 06:17:41; Dark ; 73.5; 14; 58Alp Ori ; 0.87; 3000;occ; 147; 0;39223
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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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 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
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 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
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 2; 2504.8; 31-AUG-2009 13:58:06; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39228
 3; 3147.5; 31-AUG-2009 14:08:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39228

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7; 4378.1; 31-AUG-2009 16:09:56; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39229
8; 4685.1; 31-AUG-2009 16:15:03; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;39229
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10; 5064.4; 31-AUG-2009 16:21:22; Dark ; 73.0; 14; 58Alp Ori ; 0.87; 3000;occ; 146; 0;39229
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4; 3146.3; 31-AUG-2009 17:30:00; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39230
5; 3274.4; 31-AUG-2009 17:32:08; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39230
6; 4157.1; 31-AUG-2009 17:46:51; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;39230
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