

GOMOS Daily Report 06-SEP-2010

Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM_TRA_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	09SEP2010 04:48:29
Data source version	GOMOS/5.01
Start time of products	06SEP2010 00:01:04
Stop time of products	06SEP2010 23:52:35
Store outputs in DB	Yes
Nb of level 1b prods	103
Nb of prods with errors	0

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

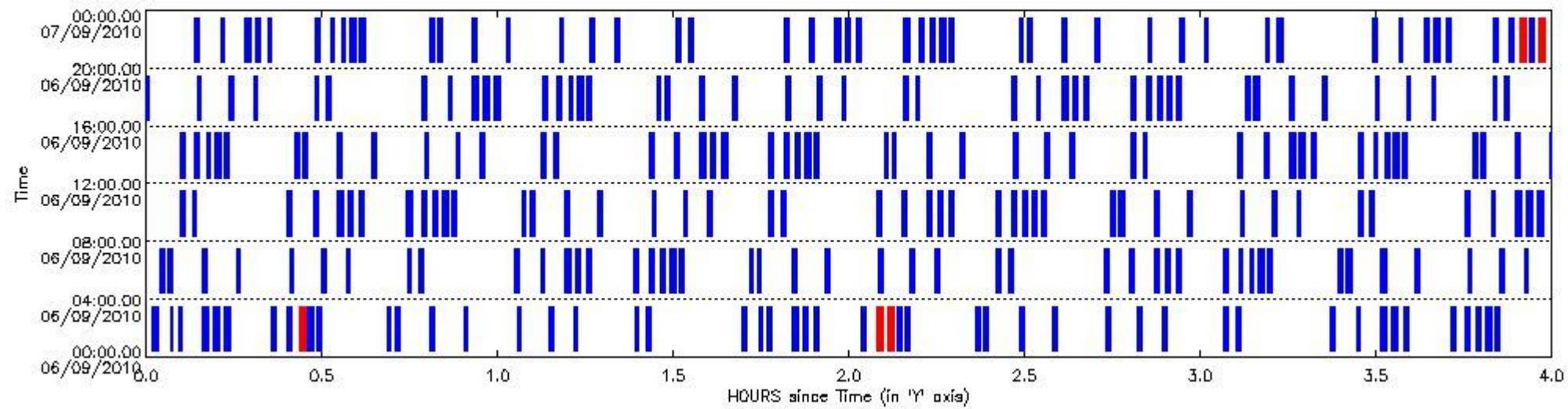
2.1 Level 0 products arrived in PCF (see template [here](#))

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
06-SEP-2010 00:26:06	1ZetCMa	177	44530
06-SEP-2010 02:04:48	21EpsCMa	23	44531
06-SEP-2010 02:06:42	1ZetCMa	177	44531
06-SEP-2010 23:54:40	1ZetCMa	177	44544
06-SEP-2010 23:57:48	AlpCol	108	44544

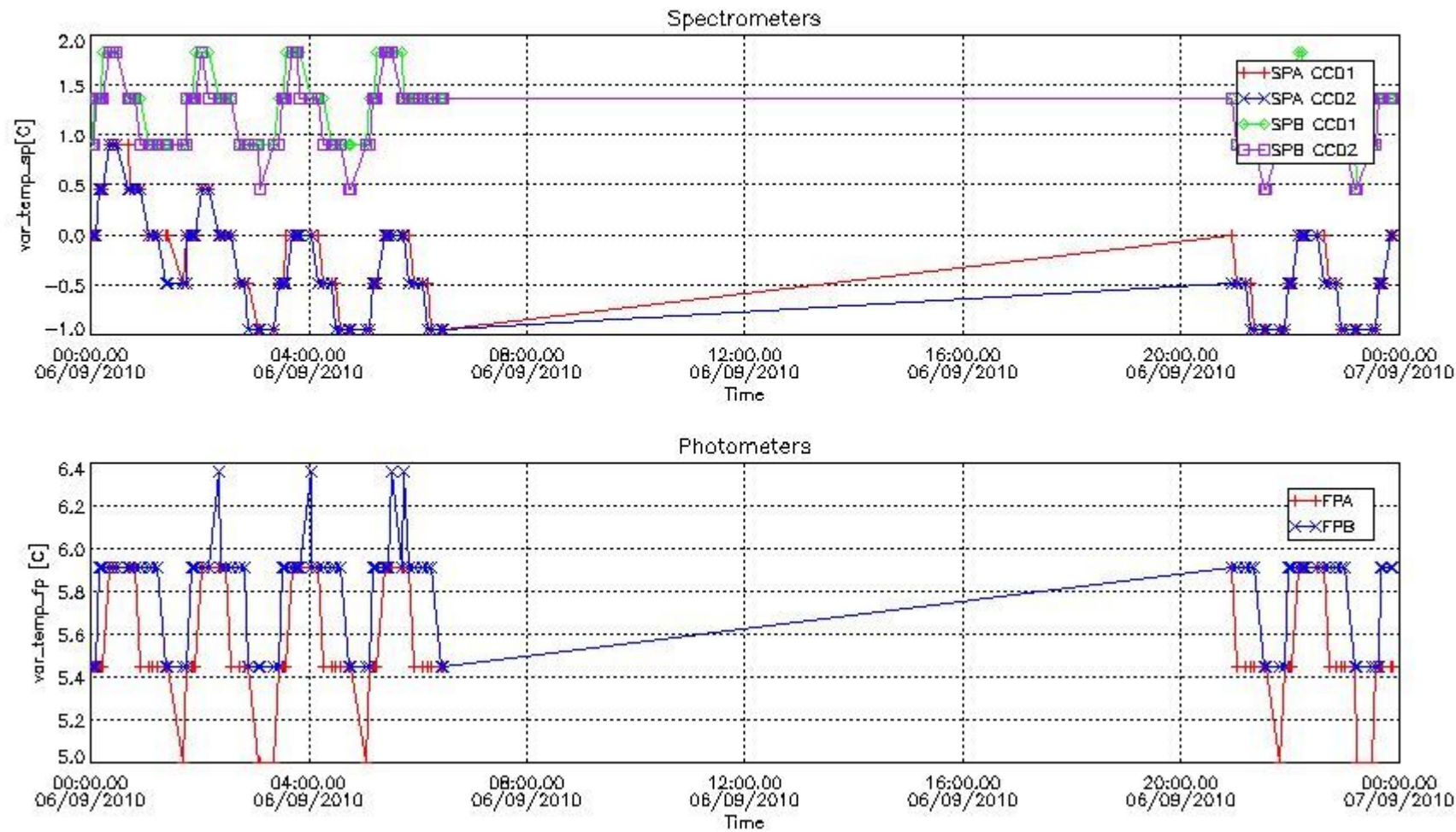
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100906_000104_000000512092_00388_44530_1282.N1	06-SEP-2010 00:01:04	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44530	No
2	GOM_TRA_1PNPDE20100906_000405_000000262092_00388_44530_1283.N1	06-SEP-2010 00:04:05	Twilight	26.000	107	37The Aur	2.6490	11000.	52	44530	No
3	GOM_TRA_1PNPDE20100906_000528_000000412092_00388_44530_1284.N1	06-SEP-2010 00:05:28	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	44530	No
4	GOM_TRA_1PNPDE20100906_000936_000000612092_00388_44530_1285.N1	06-SEP-2010 00:09:36	Twilight	60.500	151	13Mu Gem	2.8900	3000.0	121	44530	No
5	GOM_TRA_1PNPDE20100906_001127_000000562092_00388_44530_1286.N1	06-SEP-2010 00:11:27	Twilight	56.000	44	24Gam Gem	1.9280	11000.	112	44530	No
6	GOM_TRA_1PNPDE20100906_001323_000000512092_00388_44530_1287.N1	06-SEP-2010 00:13:23	Twilight	50.500	8	10Alp CMI	0.40000	6500.0	101	44530	No

7	GOM_TRA_1PNPDE20100906_002125_000000502092_00388_44530_1305.N1	06-SEP-2010 00:21:25	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44530	No
8	GOM_TRA_1PNPDE20100906_002404_000000462092_00388_44530_1306.N1	06-SEP-2010 00:24:04	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44530	No
9	GOM_TRA_1PNPDE20100906_002902_000000472092_00388_44530_1307.N1	06-SEP-2010 00:29:02	Dark	46.500	108	Alp Col	2.6520	15200.	93	44530	No
10	GOM_TRA_1PNPDE20100906_004106_000000412092_00389_44531_1308.N1	06-SEP-2010 00:41:06	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44531	No
11	GOM_TRA_1PNPDE20100906_004226_000000542092_00389_44531_1309.N1	06-SEP-2010 00:42:26	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44531	No
12	GOM_TRA_1PNPDE20100906_004821_000000492092_00389_44531_1310.N1	06-SEP-2010 00:48:21	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44531	No
13	GOM_TRA_1PNPDE20100906_005409_000000452092_00389_44531_1311.N1	06-SEP-2010 00:54:09	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44531	No
14	GOM_TRA_1PNPDE20100906_010317_000000402092_00389_44531_1312.N1	06-SEP-2010 01:03:17	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44531	No
15	GOM_TRA_1PNPDE20100906_010841_000000462092_00389_44531_1313.N1	06-SEP-2010 01:08:41	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	44531	No
16	GOM_TRA_1PNPDE20100906_011254_000000442092_00389_44531_1314.N1	06-SEP-2010 01:12:54	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44531	No
17	GOM_TRA_1PNPDE20100906_012324_000000452092_00389_44531_1315.N1	06-SEP-2010 01:23:24	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44531	No
18	GOM_TRA_1PNPDE20100906_012526_000000452092_00389_44531_1316.N1	06-SEP-2010 01:25:26	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44531	No
19	GOM_TRA_1PNPDE20100906_014140_000000492092_00389_44531_1317.N1	06-SEP-2010 01:41:40	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44531	No
20	GOM_TRA_1PNPDE20100906_014441_000000262092_00389_44531_1318.N1	06-SEP-2010 01:44:41	Twilight	26.000	107	37The Aur	2.6490	11000.	52	44531	No
21	GOM_TRA_1PNPDE20100906_014603_000000412092_00389_44531_1319.N1	06-SEP-2010 01:46:03	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	44531	No
22	GOM_TRA_1PNPDE20100906_015013_000000622092_00389_44531_1320.N1	06-SEP-2010 01:50:13	Twilight	62.000	151	13Mu Gem	2.8900	3000.0	124	44531	No
23	GOM_TRA_1PNPDE20100906_015203_000000542092_00389_44531_1321.N1	06-SEP-2010 01:52:03	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	44531	No
24	GOM_TRA_1PNPDE20100906_015400_000000562092_00389_44531_1322.N1	06-SEP-2010 01:54:00	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	44531	No
25	GOM_TRA_1PNPDE20100906_020202_000000542092_00389_44531_1316.N1	06-SEP-2010 02:02:02	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	44531	No
26	GOM_TRA_1PNPDE20100906_020940_000000472092_00389_44531_1317.N1	06-SEP-2010 02:09:40	Dark	47.000	108	Alp Col	2.6520	15200.	94	44531	No
27	GOM_TRA_1PNPDE20100906_022143_000000412092_00390_44532_1318.N1	06-SEP-2010 02:21:43	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44532	No
28	GOM_TRA_1PNPDE20100906_022303_000000462092_00390_44532_1319.N1	06-SEP-2010 02:23:03	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44532	No
29	GOM_TRA_1PNPDE20100906_022858_000000502092_00390_44532_1320.N1	06-SEP-2010 02:28:58	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44532	No
30	GOM_TRA_1PNPDE20100906_023445_000000472092_00390_44532_1321.N1	06-SEP-2010 02:34:45	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44532	No
31	GOM_TRA_1PNPDE20100906_024353_000000402092_00390_44532_1322.N1	06-SEP-2010 02:43:53	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44532	No
32	GOM_TRA_1PNPDE20100906_024917_000000442092_00390_44532_1323.N1	06-SEP-2010 02:49:17	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44532	No
33	GOM_TRA_1PNPDE20100906_025329_000000442092_00390_44532_1324.N1	06-SEP-2010 02:53:29	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44532	No
34	GOM_TRA_1PNPDE20100906_030359_000000402092_00390_44532_1325.N1	06-SEP-2010 03:03:59	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	44532	No
35	GOM_TRA_1PNPDE20100906_030602_000000452092_00390_44532_1326.N1	06-SEP-2010 03:06:02	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44532	No
36	GOM_TRA_1PNPDE20100906_032216_000000492092_00390_44532_1351.N1	06-SEP-2010 03:22:16	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44532	No
37	GOM_TRA_1PNPDE20100906_032639_000000392092_00390_44532_1352.N1	06-SEP-2010 03:26:39	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	44532	No
38	GOM_TRA_1PNPDE20100906_033049_000000632092_00390_44532_1353.N1	06-SEP-2010 03:30:49	Twilight	62.500	151	13Mu Gem	2.8900	3000.0	125	44532	No
39	GOM_TRA_1PNPDE20100906_033240_000000532092_00390_44532_1354.N1	06-SEP-2010 03:32:40	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44532	No
40	GOM_TRA_1PNPDE20100906_033436_000000562092_00390_44532_1355.N1	06-SEP-2010 03:34:36	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	44532	No
41	GOM_TRA_1PNPDE20100906_034239_000000532092_00390_44532_1356.N1	06-SEP-2010 03:42:39	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44532	No
42	GOM_TRA_1PNPDE20100906_034516_000000472092_00390_44532_1357.N1	06-SEP-2010 03:45:16	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44532	No
43	GOM_TRA_1PNPDE20100906_034711_000000442092_00390_44532_1358.N1	06-SEP-2010 03:47:11	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	44532	No
44	GOM_TRA_1PNPDE20100906_035017_000000472092_00390_44532_1359.N1	06-SEP-2010 03:50:17	Dark	46.500	108	Alp Col	2.6520	15200.	93	44532	No
45	GOM_TRA_1PNPDE20100906_040219_000000442092_00391_44533_1360.N1	06-SEP-2010 04:02:19	Dark	43.500	143	Alp Hyi	2.8570	7200.0	87	44533	No
46	GOM_TRA_1PNPDE20100906_040339_000000452092_00391_44533_1361.N1	06-SEP-2010 04:03:39	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44533	No
47	GOM_TRA_1PNPDE20100906_040935_000000502092_00391_44533_1362.N1	06-SEP-2010 04:09:35	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44533	No
48	GOM_TRA_1PNPDE20100906_041521_000000452092_00391_44533_1363.N1	06-SEP-2010 04:15:21	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	44533	No
49	GOM_TRA_1PNPDE20100906_042429_000000392092_00391_44533_1364.N1	06-SEP-2010 04:24:29	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44533	No
50	GOM_TRA_1PNPDE20100906_042952_000000452092_00391_44533_1365.N1	06-SEP-2010 04:29:52	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44533	No
51	GOM_TRA_1PNPDE20100906_043405_000000432092_00391_44533_1366.N1	06-SEP-2010 04:34:05	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44533	No
52	GOM_TRA_1PNPDE20100906_044434_000000432092_00391_44533_1367.N1	06-SEP-2010 04:44:34	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44533	No
53	GOM_TRA_1PNPDE20100906_044637_000000452092_00391_44533_1368.N1	06-SEP-2010 04:46:37	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44533	No
54	GOM_TRA_1PNPDE20100906_050252_000000502092_00391_44533_1378.N1	06-SEP-2010 05:02:52	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	44533	No
55	GOM_TRA_1PNPDE20100906_050716_000000402092_00391_44533_1379.N1	06-SEP-2010 05:07:16	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	44533	No
56	GOM_TRA_1PNPDE20100906_051125_000000602092_00391_44533_1380.N1	06-SEP-2010 05:11:25	Twilight	60.000	151	13Mu Gem	2.8900	3000.0	120	44533	No
57	GOM_TRA_1PNPDE20100906_051316_000000522092_00391_44533_1381.N1	06-SEP-2010 05:13:16	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	44533	No
58	GOM_TRA_1PNPDE20100906_051512_000000472092_00391_44533_1382.N1	06-SEP-2010 05:15:12	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	44533	No
59	GOM_TRA_1PNPDE20100906_052316_000000512092_00391_44533_1383.N1	06-SEP-2010 05:23:16	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	44533	No
60	GOM_TRA_1PNPDE20100906_052553_000000452092_00391_44533_1384.N1	06-SEP-2010 05:25:53	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44533	No
61	GOM_TRA_1PNPDE20100906_052748_000000452092_00391_44533_1385.N1	06-SEP-2010 05:27:48	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	44533	No
62	GOM_TRA_1PNPDE20100906_053053_000000482092_00391_44533_1386.N1	06-SEP-2010 05:30:53	Dark	48.000	108	Alp Col	2.6520	15200.	96	44533	No
63	GOM_TRA_1PNPDE20100906_054256_000000412092_00392_44534_1387.N1	06-SEP-2010 05:42:56	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44534	No
64	GOM_TRA_1PNPDE20100906_054416_000000442092_00392_44534_1388.N1	06-SEP-2010 05:44:16	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44534	No
65	GOM_TRA_1PNPDE20100906_055011_000000502092_00392_44534_1389.N1	06-SEP-2010 05:50:11	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44534	No

66	GOM_TRA_1PNPDE20100906_055558_000000472092_00392_44534_1390.N1	06-SEP-2010 05:55:58	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44534	No
67	GOM_TRA_1PNPDE20100906_060505_000000392092_00392_44534_1391.N1	06-SEP-2010 06:05:05	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44534	No
68	GOM_TRA_1PNPDE20100906_061028_000000452092_00392_44534_1392.N1	06-SEP-2010 06:10:28	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44534	No
69	GOM_TRA_1PNPDE20100906_061441_000000402092_00392_44534_1393.N1	06-SEP-2010 06:14:41	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	44534	No
70	GOM_TRA_1PNPDE20100906_062510_000000452092_00392_44534_1394.N1	06-SEP-2010 06:25:10	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44534	No
71	GOM_TRA_1PNPDE20100906_062712_000000462092_00392_44534_1395.N1	06-SEP-2010 06:27:12	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44534	No
72	GOM_TRA_1PNPDE20100906_205539_000000512092_00401_44543_1473.N1	06-SEP-2010 20:55:39	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44543	No
73	GOM_TRA_1PNPDE20100906_210123_000000462092_00401_44543_1474.N1	06-SEP-2010 21:01:23	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	44543	No
74	GOM_TRA_1PNPDE20100906_211029_000000392092_00401_44543_1475.N1	06-SEP-2010 21:10:29	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44543	No
75	GOM_TRA_1PNPDE20100906_211548_000000432092_00401_44543_1476.N1	06-SEP-2010 21:15:48	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	44543	No
76	GOM_TRA_1PNPDE20100906_212001_000000412092_00401_44543_1477.N1	06-SEP-2010 21:20:01	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44543	No
77	GOM_TRA_1PNPDE20100906_213028_000000432092_00401_44543_1478.N1	06-SEP-2010 21:30:28	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44543	No
78	GOM_TRA_1PNPDE20100906_213230_000000462092_00401_44543_1479.N1	06-SEP-2010 21:32:30	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44543	No
79	GOM_TRA_1PNPDE20100906_214849_000000512092_00401_44543_1480.N1	06-SEP-2010 21:48:49	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	44543	No
80	GOM_TRA_1PNPDE20100906_215316_000000522092_00401_44543_1481.N1	06-SEP-2010 21:53:16	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44543	No
81	GOM_TRA_1PNPDE20100906_215729_000000622092_00401_44543_1482.N1	06-SEP-2010 21:57:29	Twilight	62.000	151	13Mu Gem	2.8900	3000.0	124	44543	No
82	GOM_TRA_1PNPDE20100906_215920_000000562092_00401_44543_1483.N1	06-SEP-2010 21:59:20	Twilight	55.500	44	24Gam Gem	1.9280	11000.	111	44543	No
83	GOM_TRA_1PNPDE20100906_220116_000000532092_00401_44543_1484.N1	06-SEP-2010 22:01:16	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	44543	No
84	GOM_TRA_1PNPDE20100906_220923_000000512092_00401_44543_1493.N1	06-SEP-2010 22:09:23	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44543	No
85	GOM_TRA_1PNPDE20100906_221158_000000472092_00401_44543_1494.N1	06-SEP-2010 22:11:58	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44543	No
86	GOM_TRA_1PNPDE20100906_221356_000000452092_00401_44543_1495.N1	06-SEP-2010 22:13:56	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	44543	No
87	GOM_TRA_1PNPDE20100906_221703_000000472092_00401_44543_1496.N1	06-SEP-2010 22:17:03	Dark	46.500	108	Alp Col	2.6520	15200.	93	44543	No
88	GOM_TRA_1PNPDE20100906_222900_000000402092_00402_44544_1497.N1	06-SEP-2010 22:29:00	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44544	No
89	GOM_TRA_1PNPDE20100906_223021_000000482092_00402_44544_1498.N1	06-SEP-2010 22:30:21	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44544	No
90	GOM_TRA_1PNPDE20100906_223615_000000492092_00402_44544_1499.N1	06-SEP-2010 22:36:15	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44544	No
91	GOM_TRA_1PNPDE20100906_224200_000000432092_00402_44544_1500.N1	06-SEP-2010 22:42:00	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	44544	No
92	GOM_TRA_1PNPDE20100906_225105_000000392092_00402_44544_1501.N1	06-SEP-2010 22:51:05	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44544	No
93	GOM_TRA_1PNPDE20100906_225623_000000442092_00402_44544_1502.N1	06-SEP-2010 22:56:23	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44544	No
94	GOM_TRA_1PNPDE20100906_230036_000000442092_00402_44544_1503.N1	06-SEP-2010 23:00:36	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44544	No
95	GOM_TRA_1PNPDE20100906_231103_000000432092_00402_44544_1504.N1	06-SEP-2010 23:11:03	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44544	No
96	GOM_TRA_1PNPDE20100906_231305_000000662092_00402_44544_1505.N1	06-SEP-2010 23:13:05	Bright	66.000	76	27Gam Cas	2.3000	30000.	132	44544	No
97	GOM_TRA_1PNPDE20100906_232925_000000502092_00402_44544_1506.N1	06-SEP-2010 23:29:25	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44544	No
98	GOM_TRA_1PNPDE20100906_233352_000000412092_00402_44544_1507.N1	06-SEP-2010 23:33:52	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	44544	No
99	GOM_TRA_1PNPDE20100906_233805_000000612092_00402_44544_1508.N1	06-SEP-2010 23:38:05	Twilight	61.000	151	13Mu Gem	2.8900	3000.0	122	44544	No
100	GOM_TRA_1PNPDE20100906_233957_000000552092_00402_44544_1509.N1	06-SEP-2010 23:39:57	Twilight	55.000	44	24Gam Gem	1.9280	11000.	110	44544	No
101	GOM_TRA_1PNPDE20100906_234152_000000542092_00402_44544_1510.N1	06-SEP-2010 23:41:52	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44544	No
102	GOM_TRA_1PNPDE20100906_234959_000000522092_00402_44544_1517.N1	06-SEP-2010 23:49:59	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44544	No
103	GOM_TRA_1PNPDE20100906_235235_000000472092_00402_44544_1518.N1	06-SEP-2010 23:52:35	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44544	No

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



4. Overview of dark signal processing per product

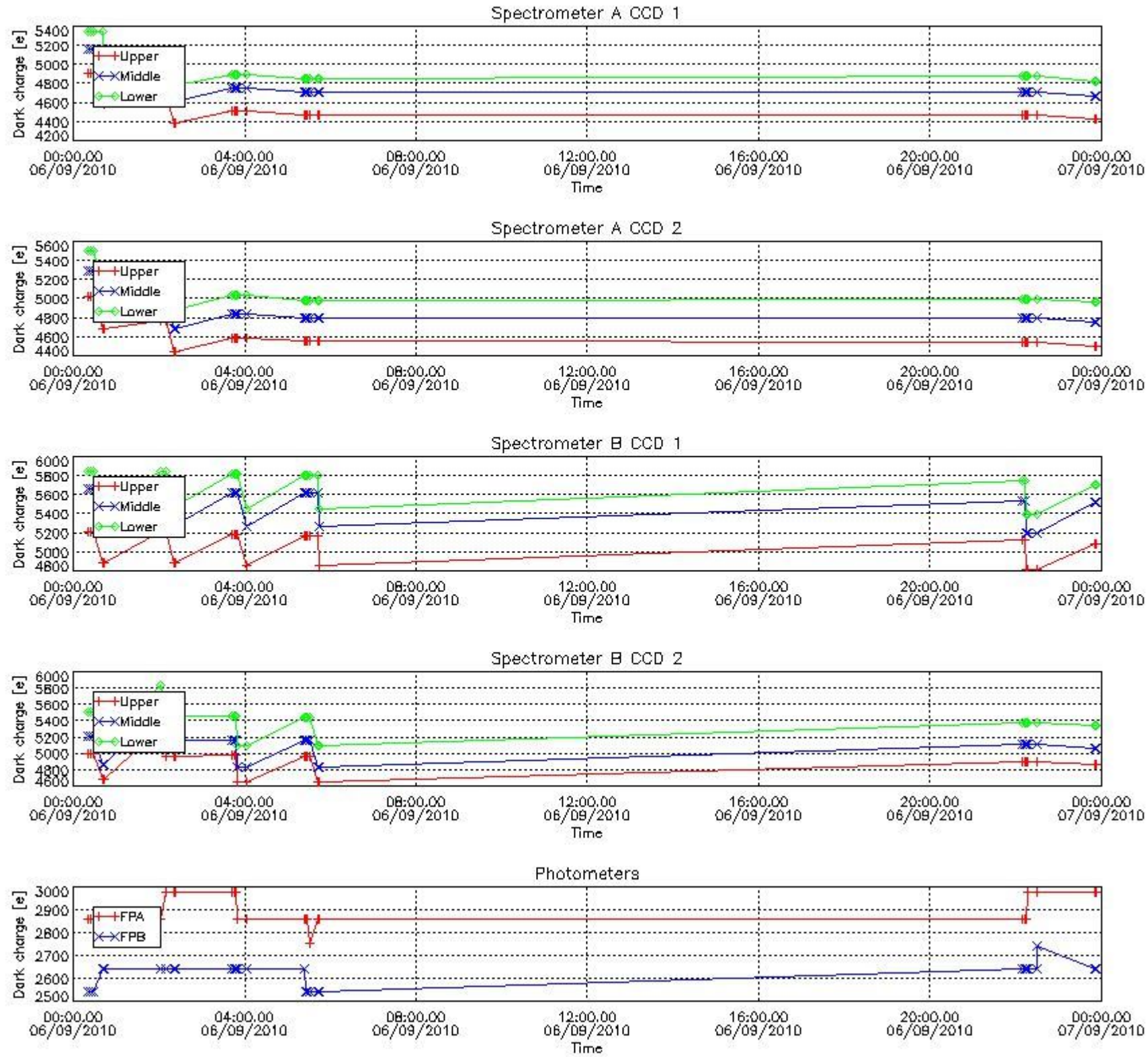
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100906_205539_000000512092_00401_44543_1473.N1	DC map used
GOM_TRA_1PNPDE20100906_210123_000000462092_00401_44543_1474.N1	DC map used
GOM_TRA_1PNPDE20100906_211029_000000392092_00401_44543_1475.N1	DC map used
GOM_TRA_1PNPDE20100906_211548_000000432092_00401_44543_1476.N1	DC map used
GOM_TRA_1PNPDE20100906_212001_000000412092_00401_44543_1477.N1	DC map used
GOM_TRA_1PNPDE20100906_213028_000000432092_00401_44543_1478.N1	DC map used
GOM_TRA_1PNPDE20100906_213230_000000462092_00401_44543_1479.N1	DC map used
GOM_TRA_1PNPDE20100906_214849_000000512092_00401_44543_1480.N1	DC map used
GOM_TRA_1PNPDE20100906_215316_000000522092_00401_44543_1481.N1	DC map used
GOM_TRA_1PNPDE20100906_215729_000000622092_00401_44543_1482.N1	DC map used
GOM_TRA_1PNPDE20100906_215920_000000562092_00401_44543_1483.N1	DC map used
GOM_TRA_1PNPDE20100906_220116_000000532092_00401_44543_1484.N1	DC map used

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



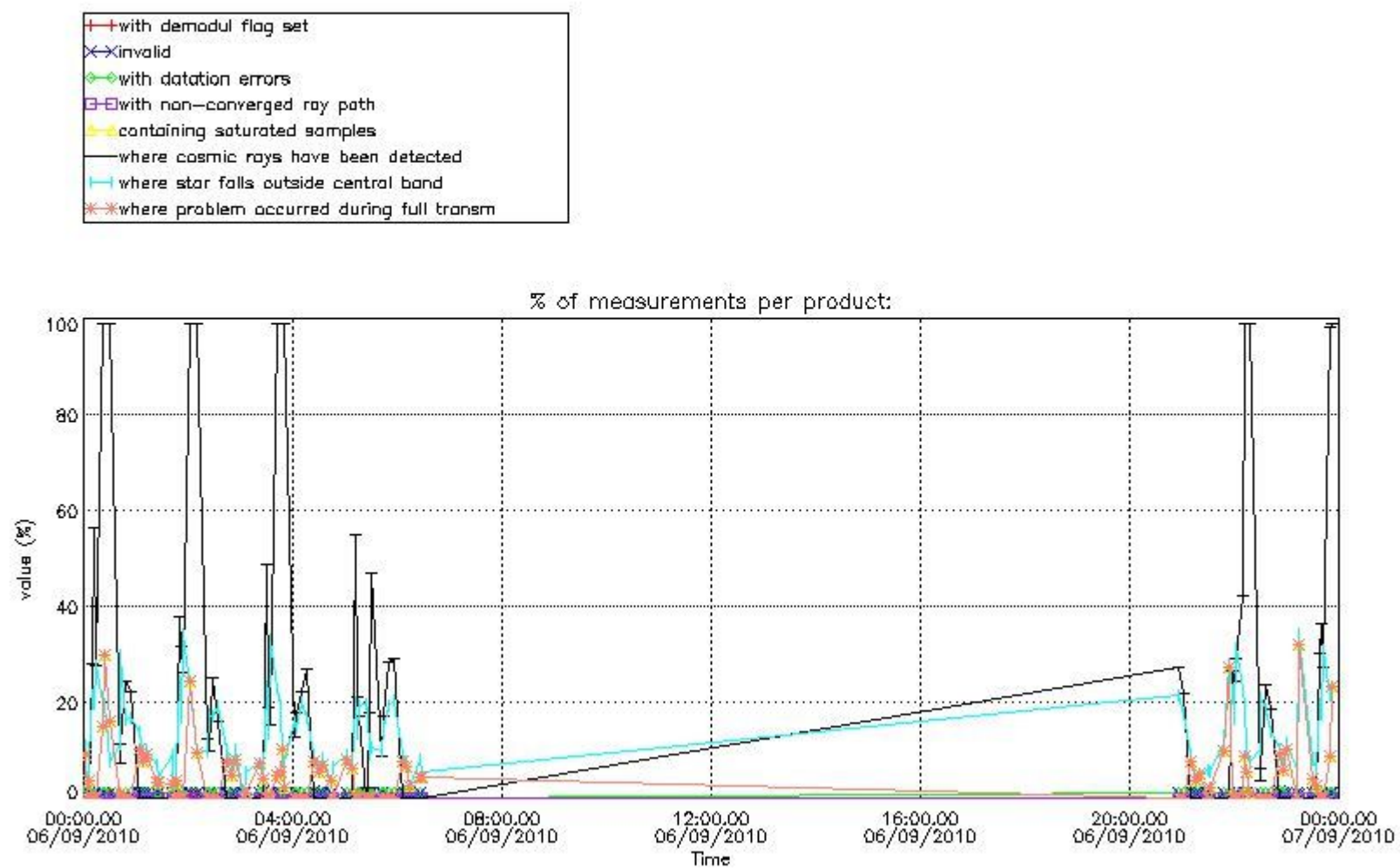
5. Demodulation flag and quality information monitoring

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

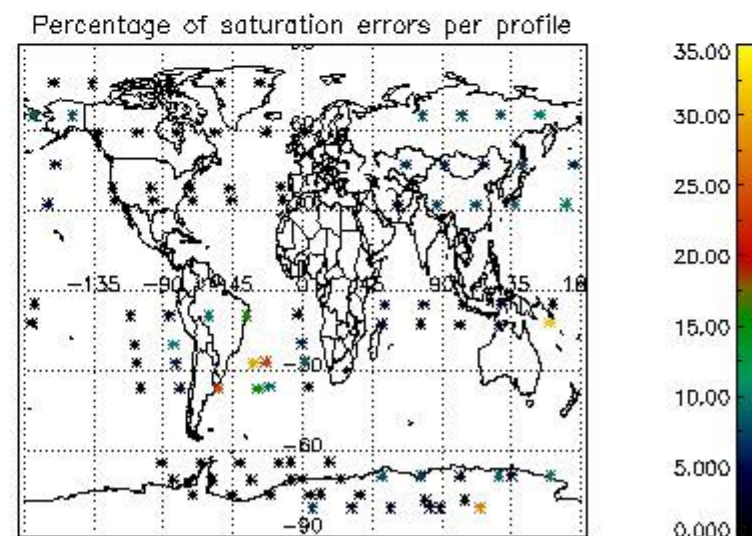
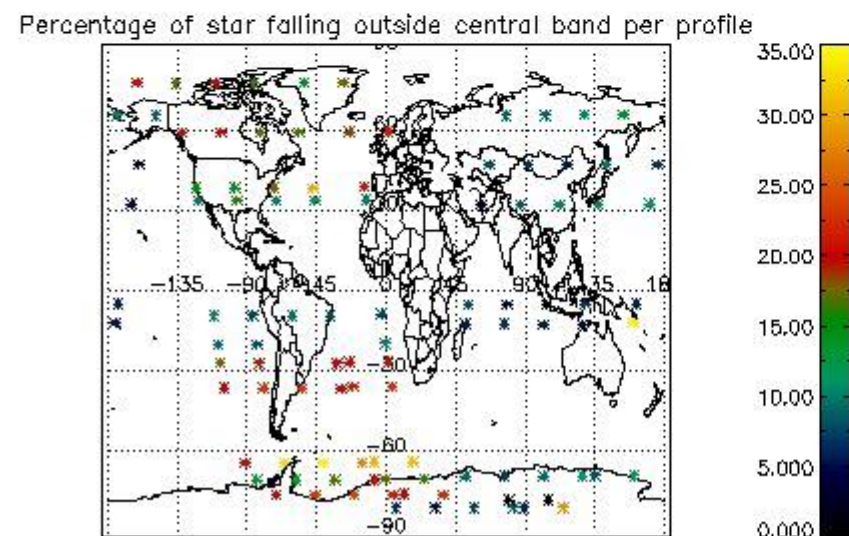
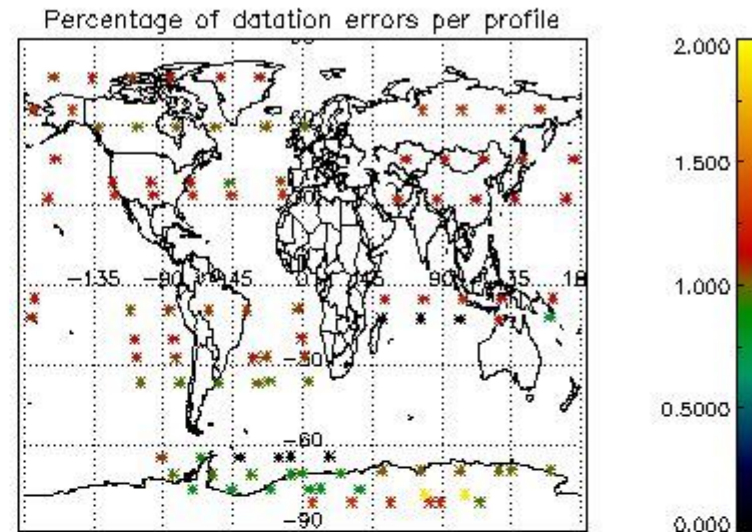
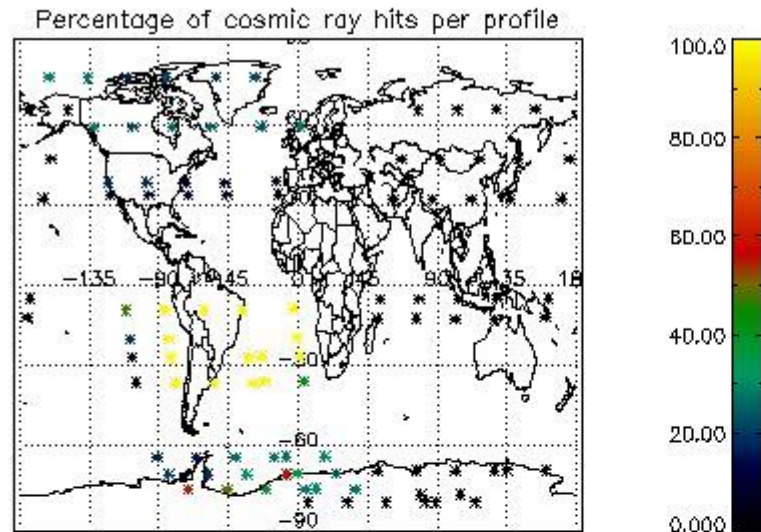
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	44.6602 %
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)



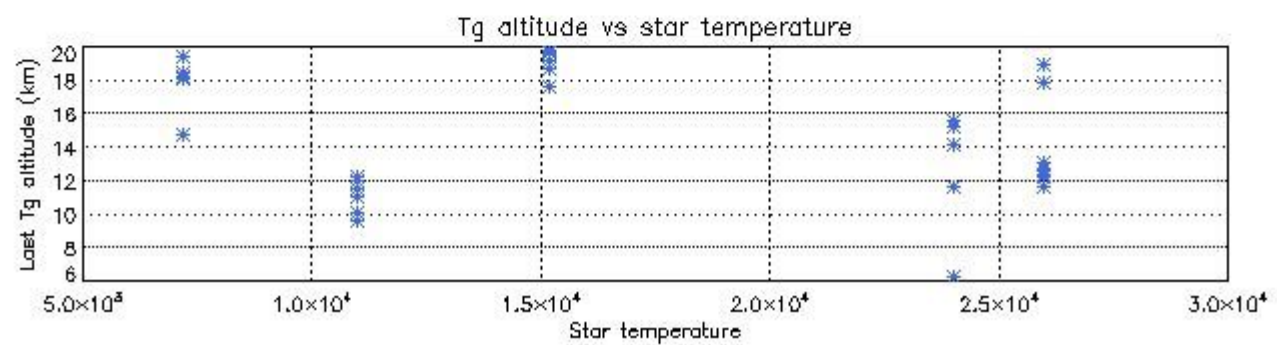
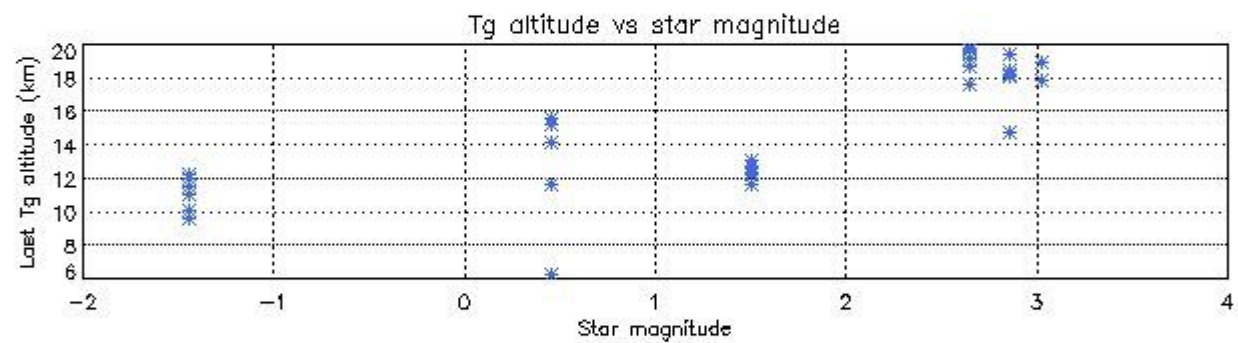
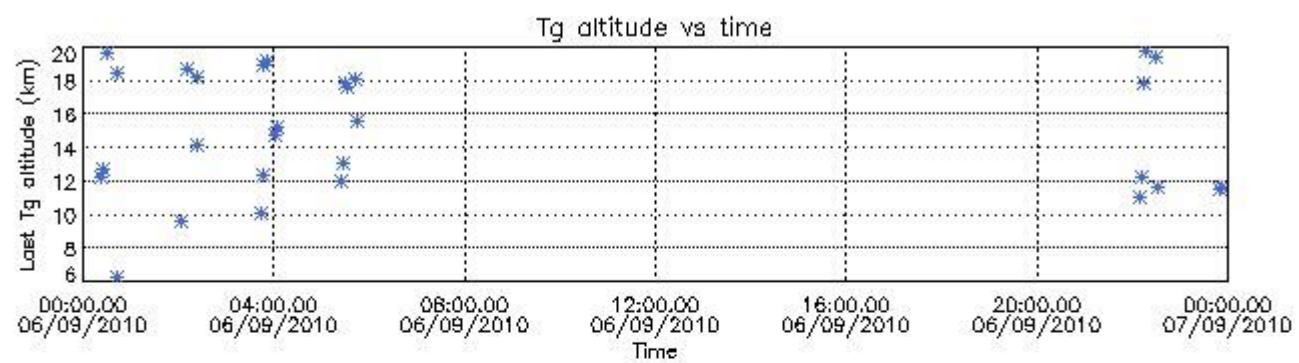
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.815	19.170	6.9569
St. deviation:	3.7177	3.9168	2.5962
Maximum:	19.702	29.010	11.552
Minimum:	6.2495	3.4839	4.6243
Number of data:	29.000	42.000	6.0000

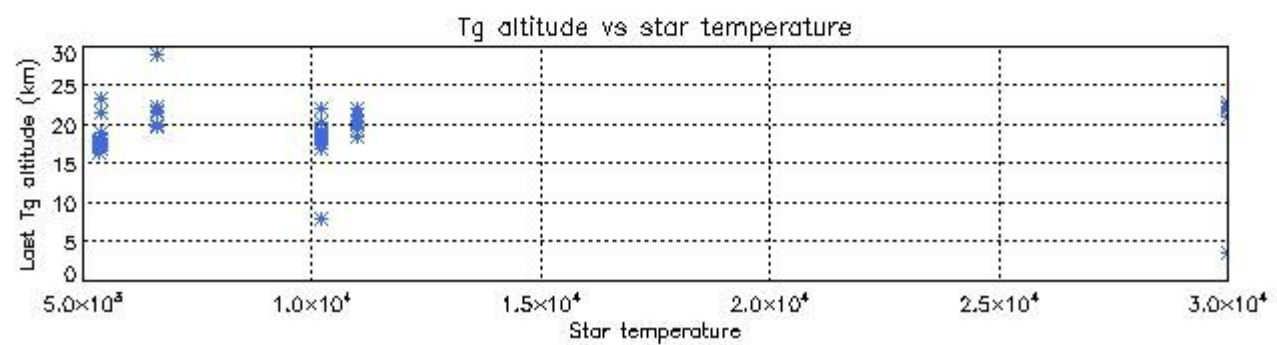
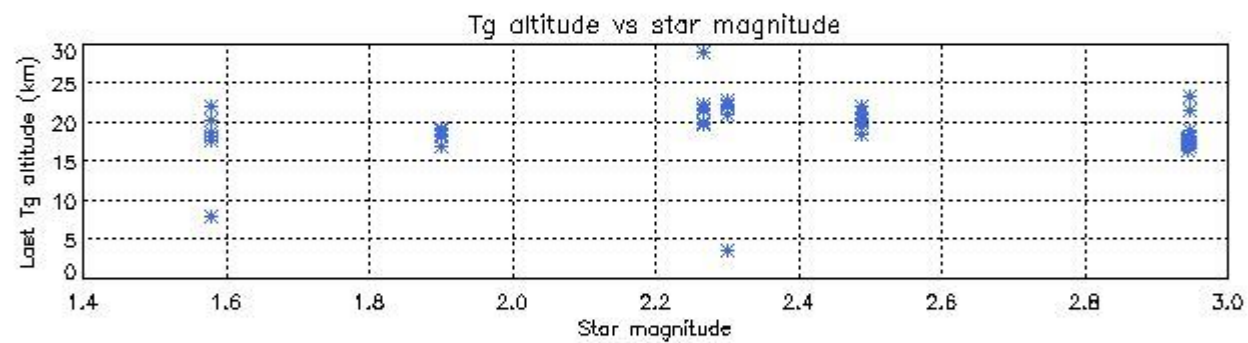
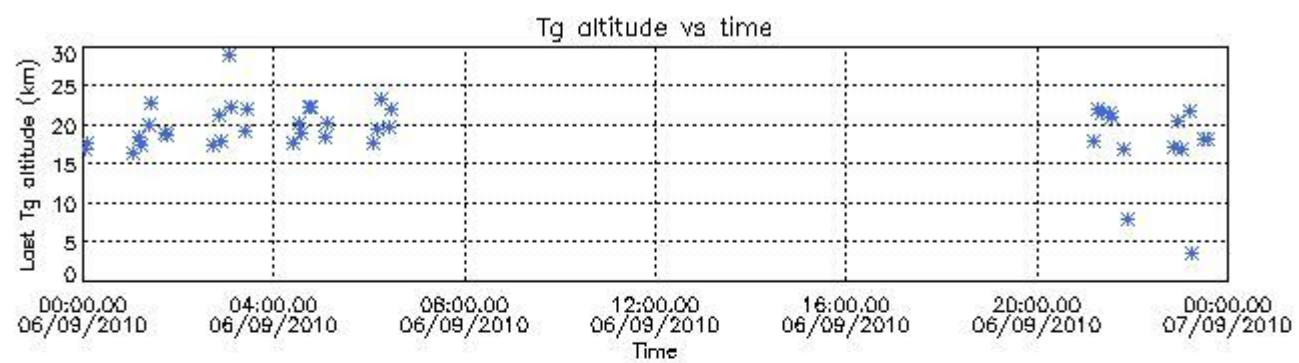
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



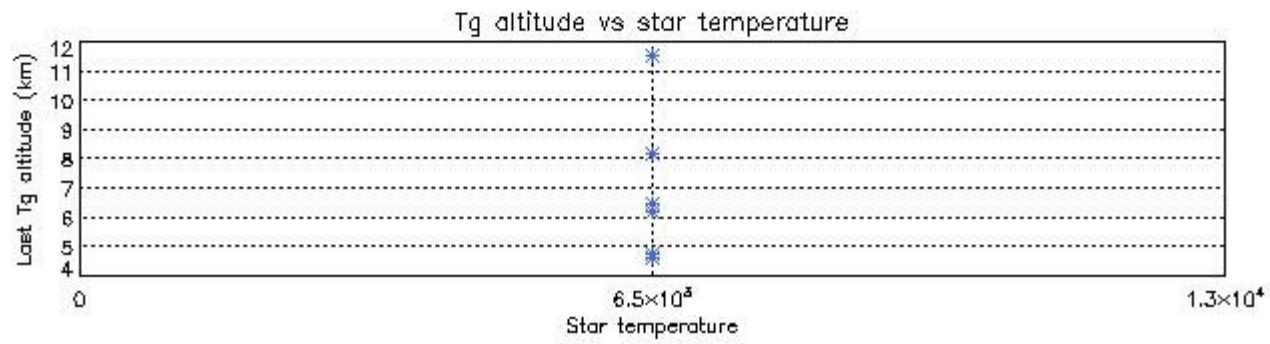
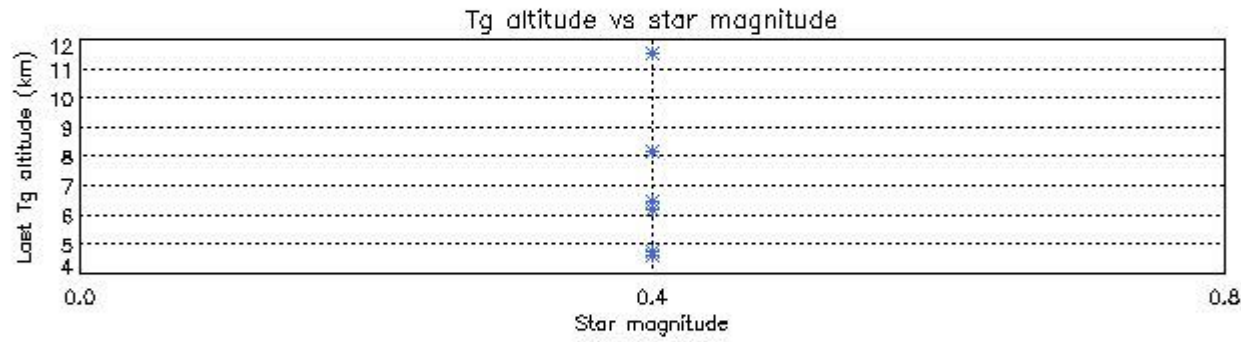
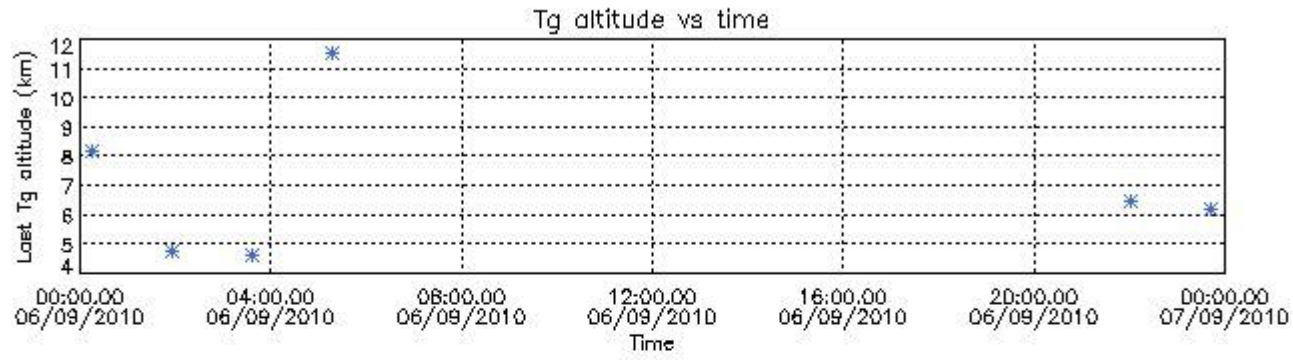
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

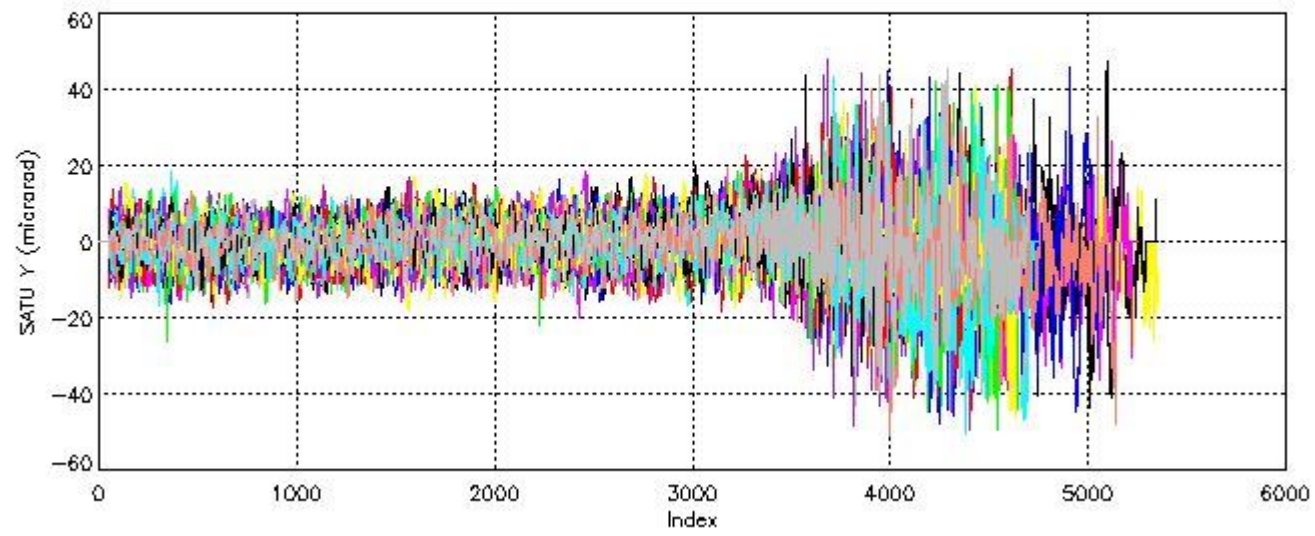
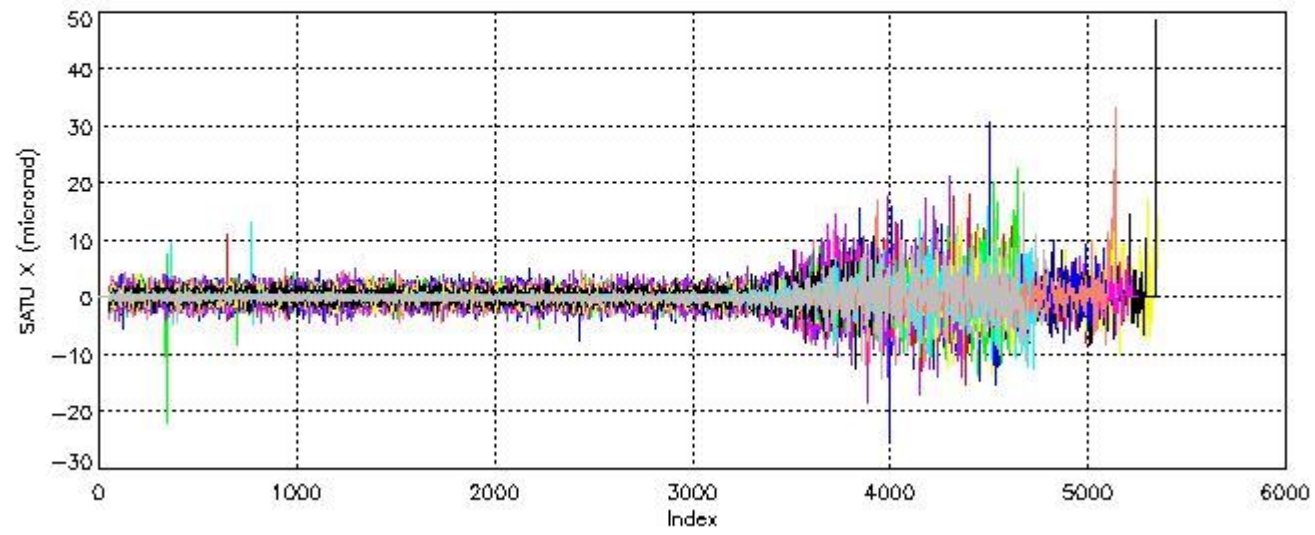


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20251	-0.70370	0.20366	-0.50747
St. deviation:	0.67731	4.6002	0.82819	4.4144
Maximum:	13.100	18.300	4.8000	19.500
Minimum:	-22.000	-26.300	-5.7000	-16.400

Number of data:	29150.	29150.	43400.	43400.
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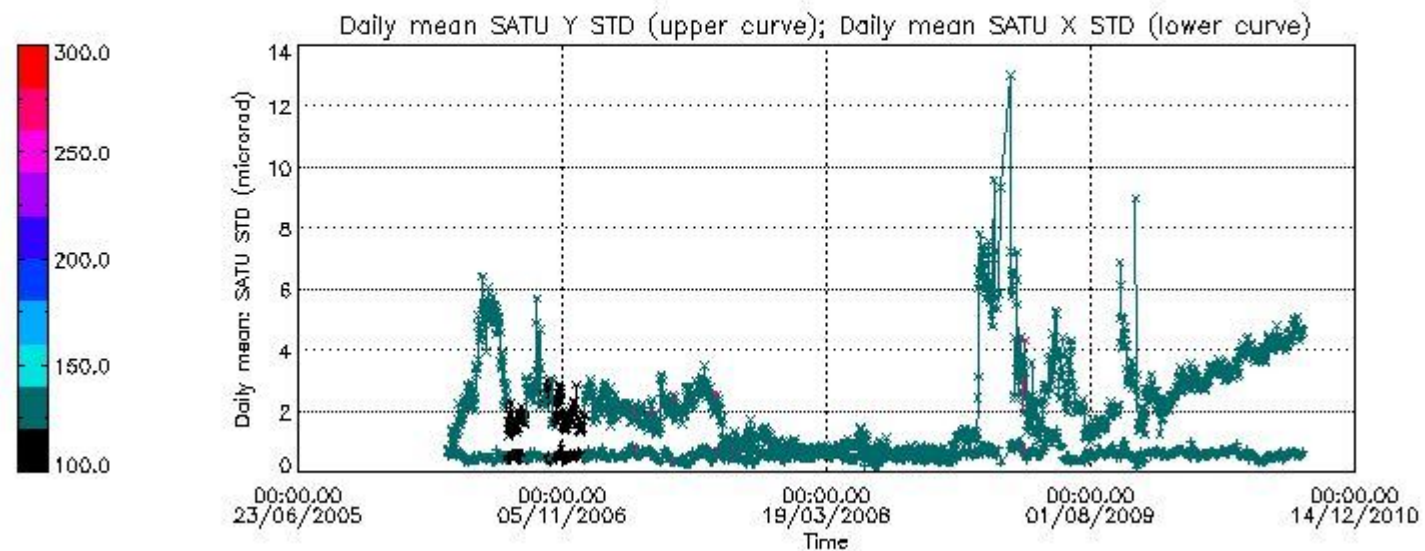
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

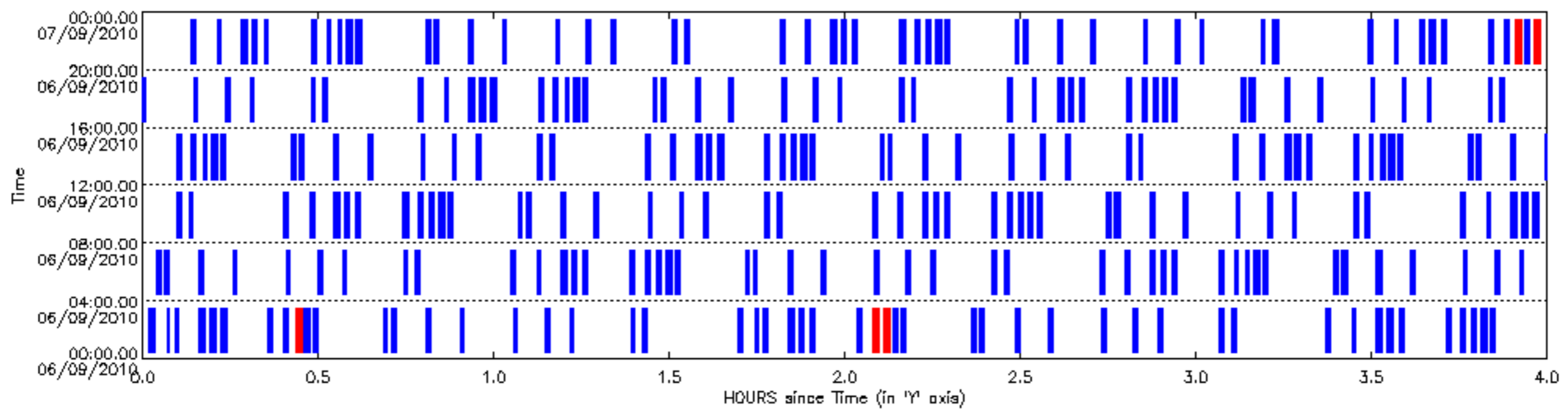
Lower curve: STD of SATU X axis

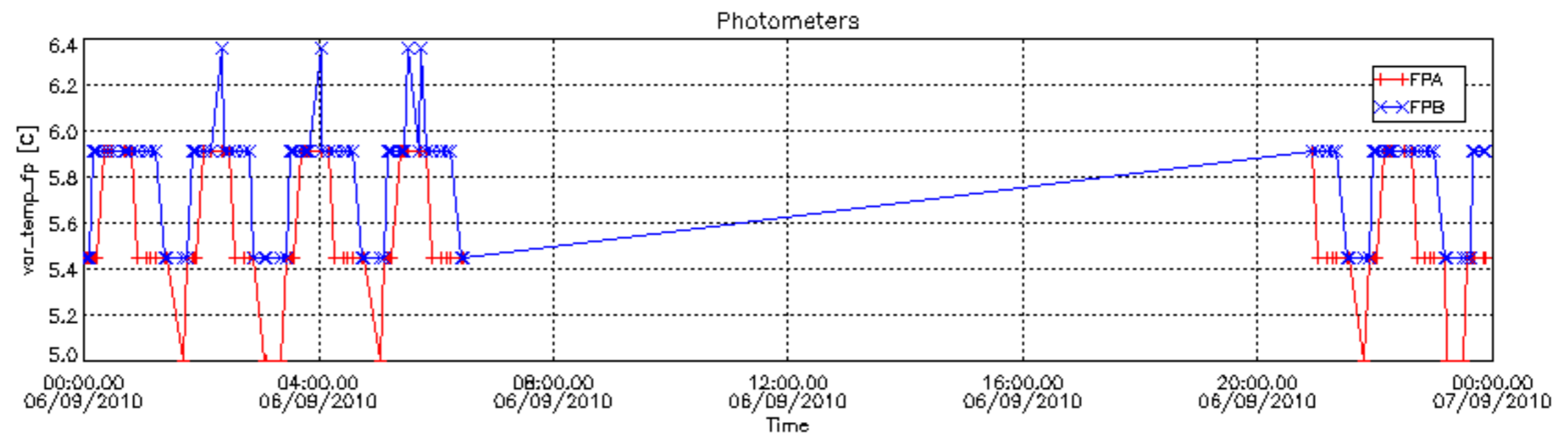
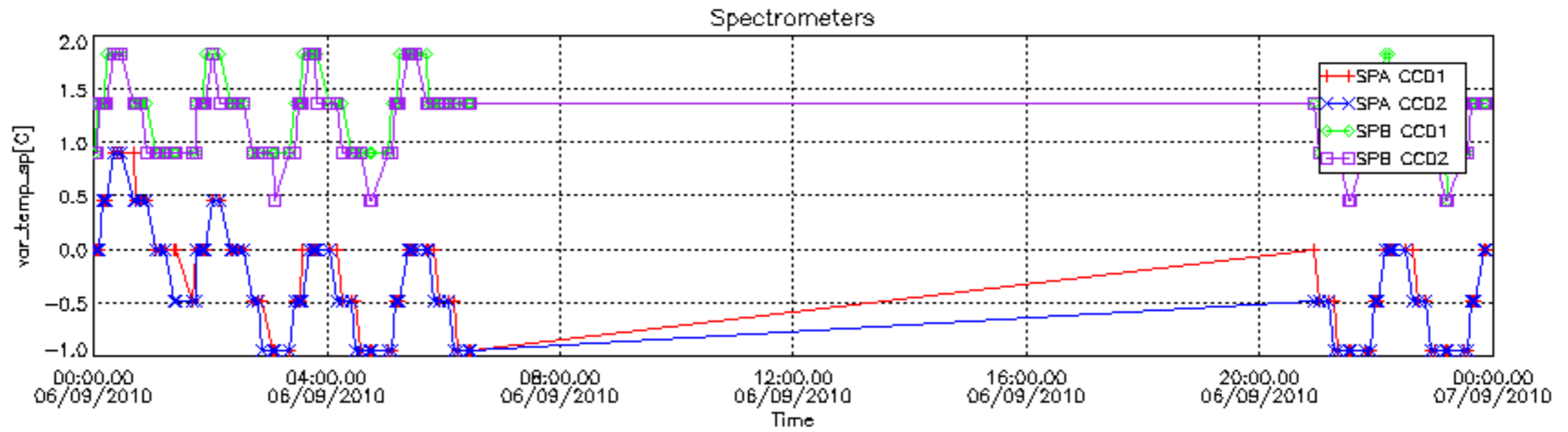


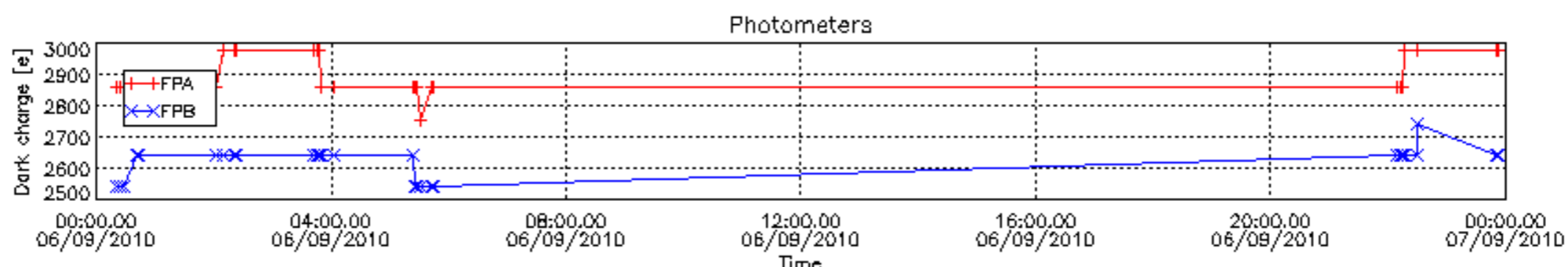
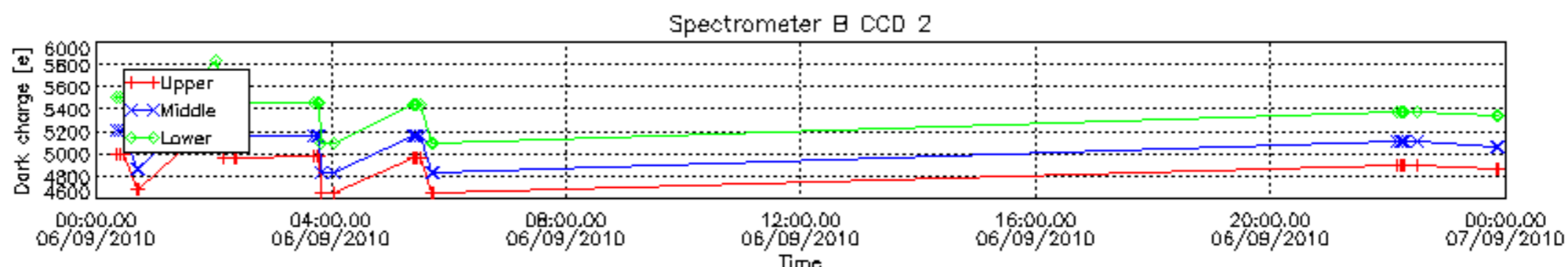
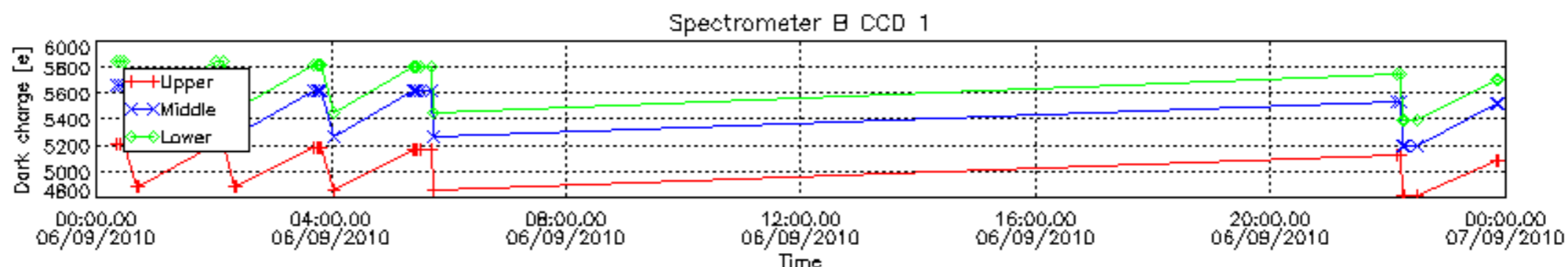
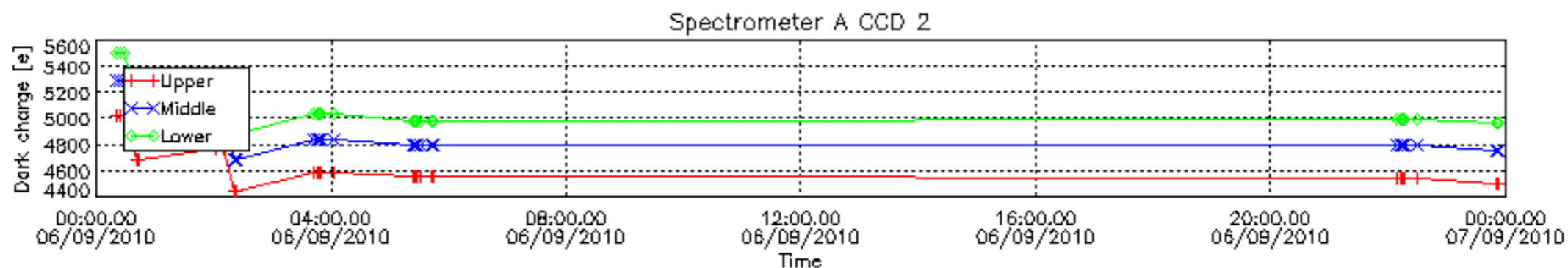
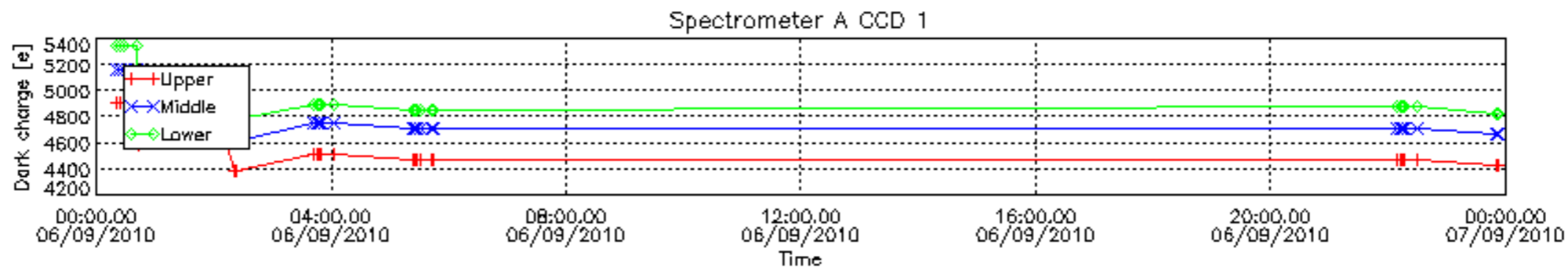
8. Auxiliary Data Files used for the production reported in section 2.4

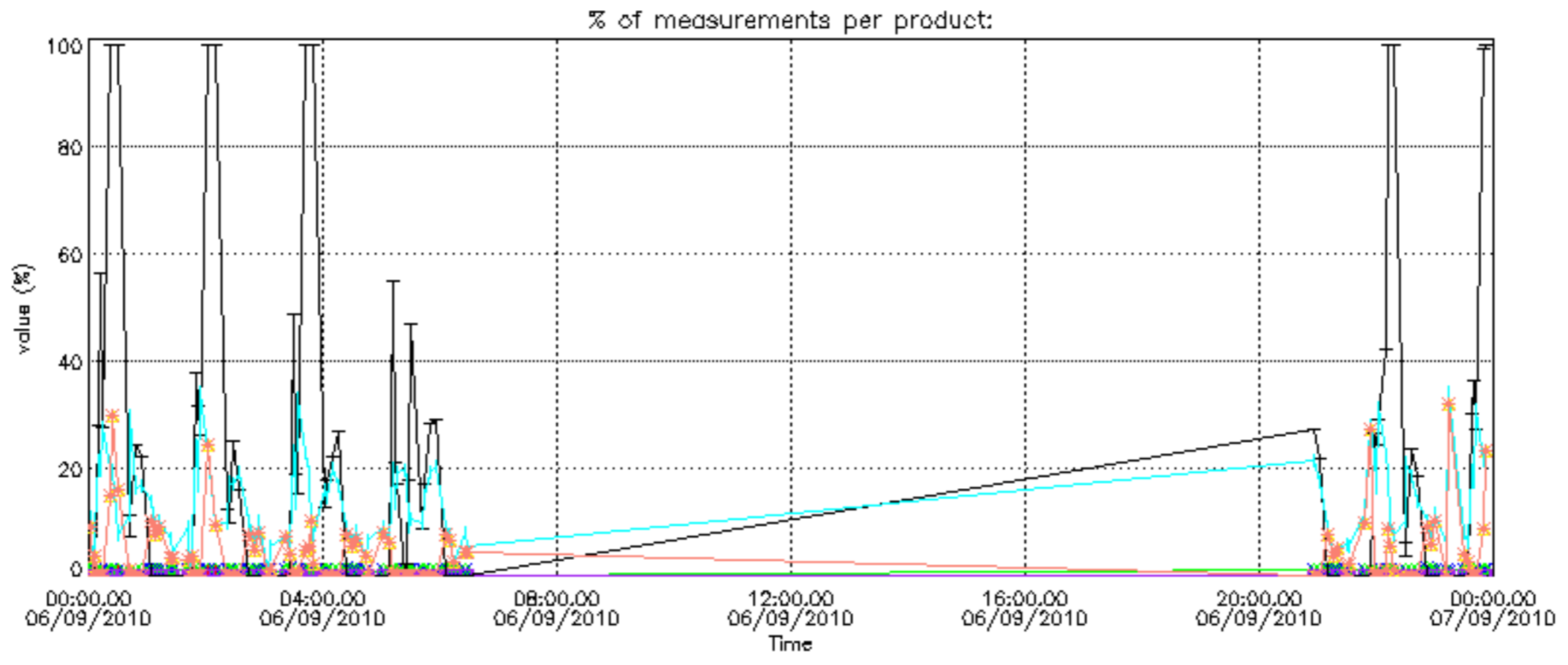
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-SEP-2010 00:01:04
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100824_082223_20100822_000000_20500101_000000	1	06-SEP-2010 00:01:04
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100906_073314_20100904_000000_20500101_000000	72	06-SEP-2010 20:55:39
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	06-SEP-2010 00:01:04
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	06-SEP-2010 00:01:04
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	06-SEP-2010 00:01:04
ECMWF_FILE	AUX_ECF_AXNECM20100905_054114_20100905_210000_20100906_090000	1	06-SEP-2010 00:01:04
ECMWF_FILE	AUX_ECF_AXNECM20100905_174114_20100906_030000_20100906_150000	36	06-SEP-2010 03:22:16
ECMWF_FILE	AUX_ECA_AXNECM20100906_052114_20100905_210000_20100906_090000	54	06-SEP-2010 05:02:52
ECMWF_FILE	AUX_ECF_AXNECM20100906_054114_20100906_150000_20100907_030000	72	06-SEP-2010 20:55:39
ECMWF_FILE	AUX_ECF_AXNECM20100906_054115_20100906_210000_20100907_090000	84	06-SEP-2010 22:09:23
OPTIONAL_ECMWF_FILE	MISSING	1	06-SEP-2010 00:01:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100905_223515_000057382092_00387_44529_1006.N1	1	06-SEP-2010 00:01:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100906_001612_000057382092_00388_44530_1007.N1	7	06-SEP-2010 00:21:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100906_015151_000044632092_00389_44531_1008.N1	25	06-SEP-2010 02:02:02
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100906_031132_000057382092_00390_44532_1009.N1	36	06-SEP-2010 03:22:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100906_045229_000057382092_00391_44533_1010.N1	54	06-SEP-2010 05:02:52
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100906_092115_20100905_192954_20100915_205607	72	06-SEP-2010 20:55:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100906_220315_000057382092_00401_44543_1012.N1	84	06-SEP-2010 22:09:23
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100906_234412_000057382092_00402_44544_1013.N1	102	06-SEP-2010 23:49:59

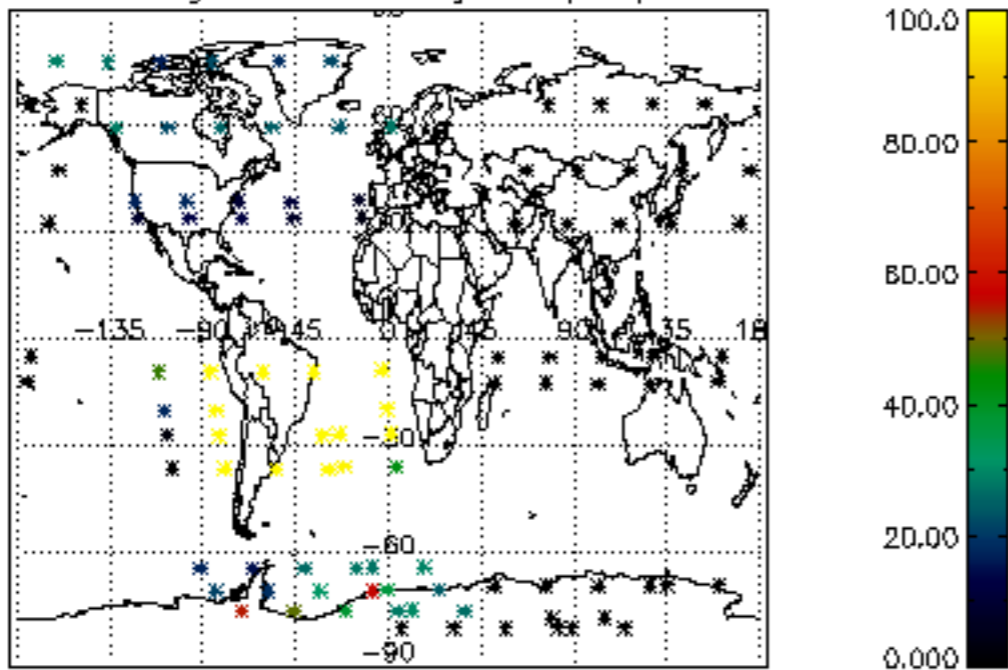




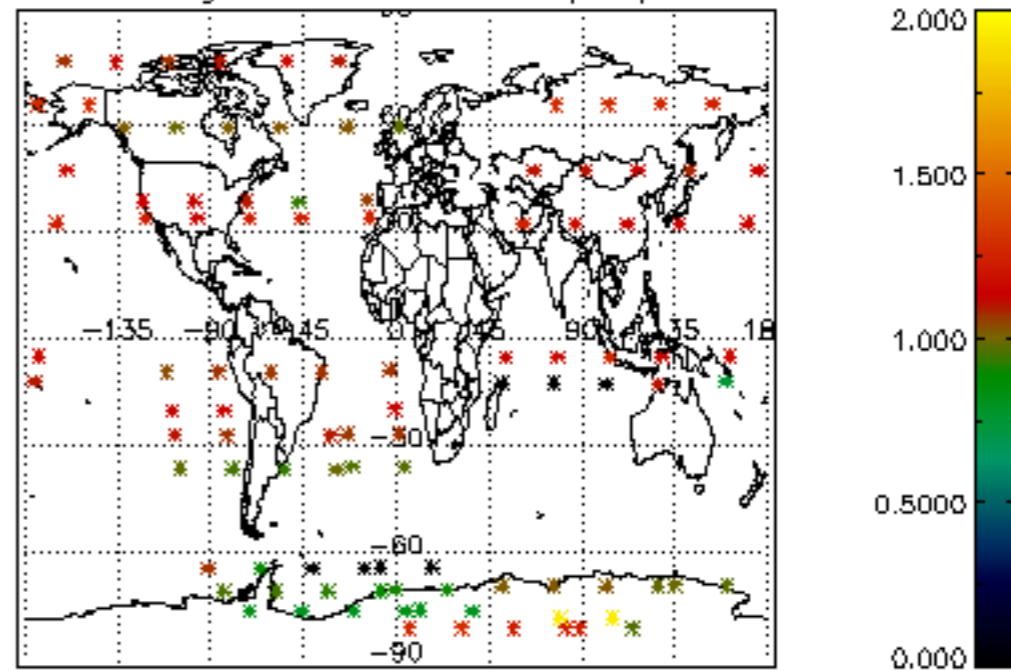




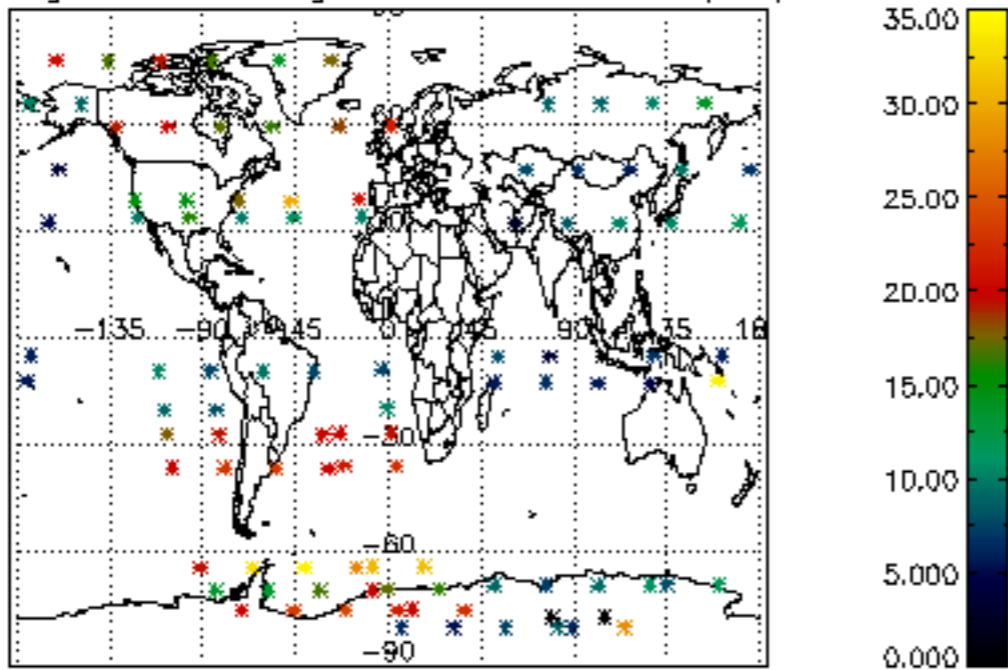
Percentage of cosmic ray hits per profile



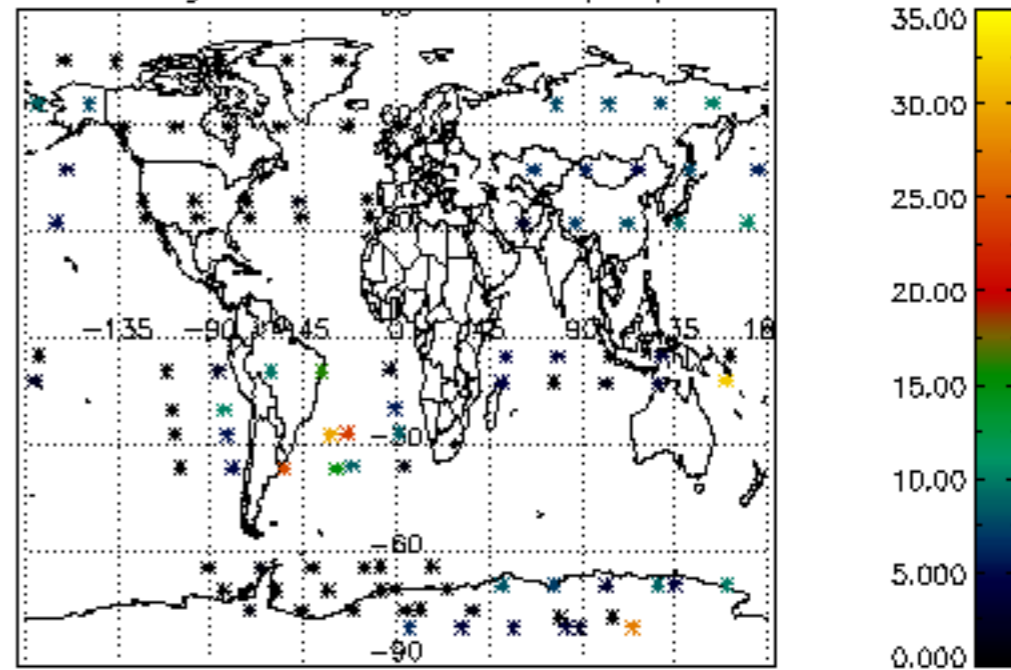
Percentage of datation errors per profile



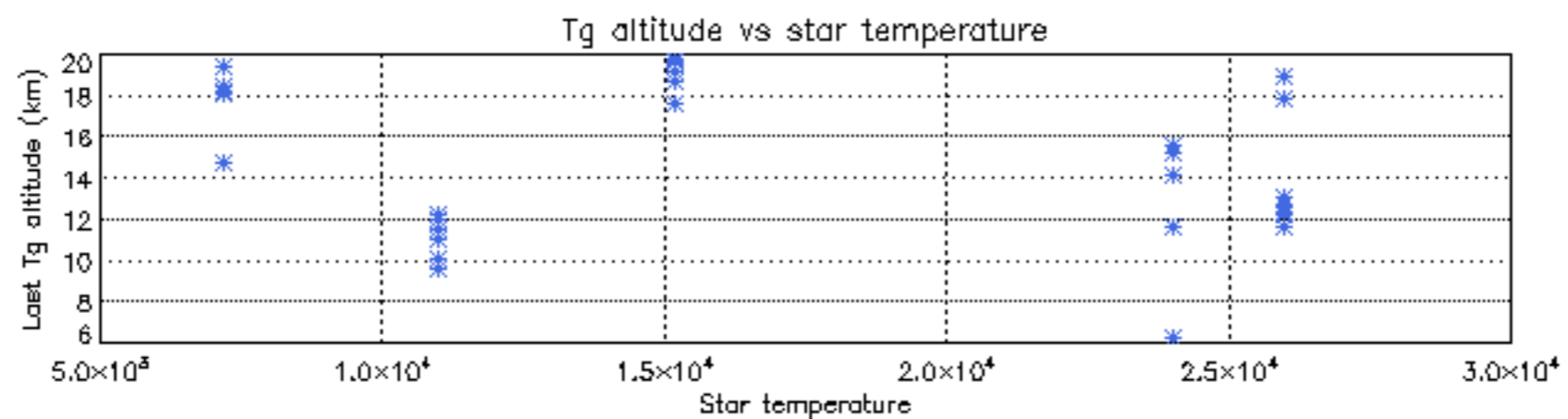
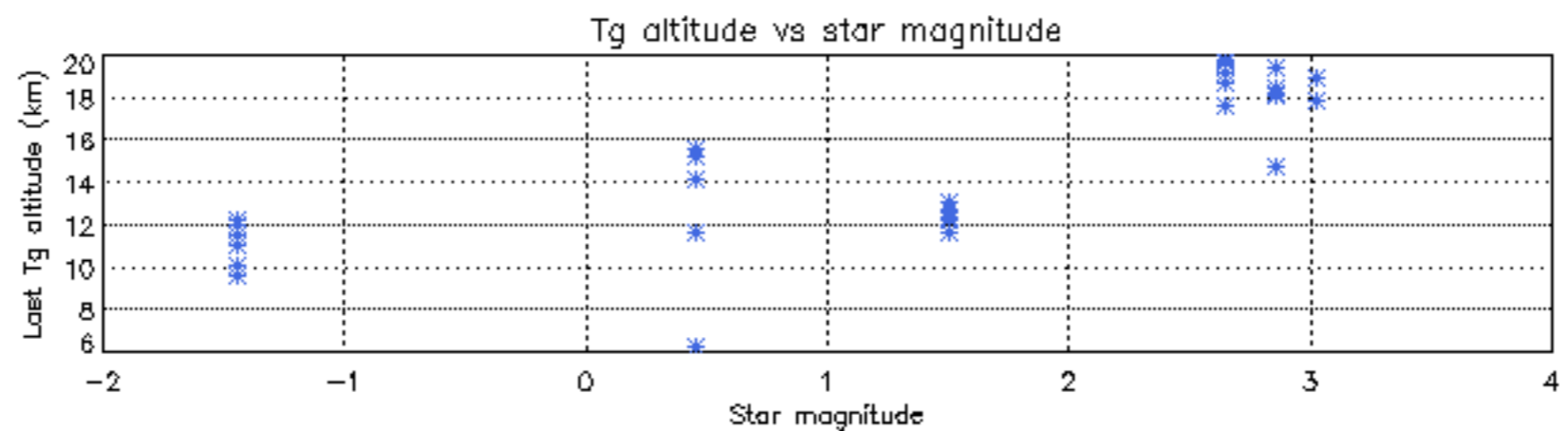
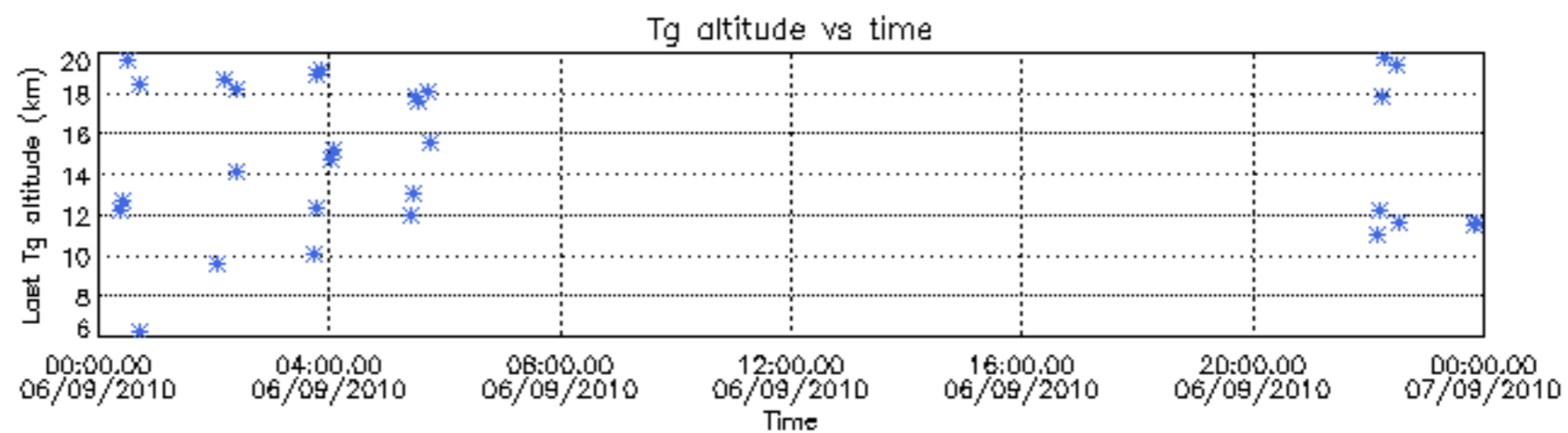
Percentage of star falling outside central band per profile



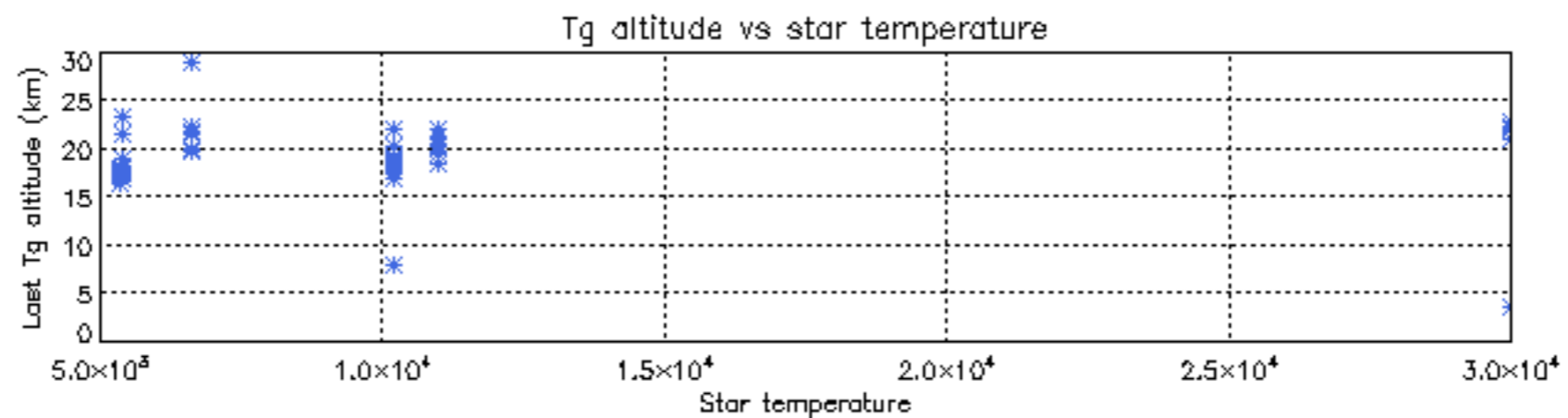
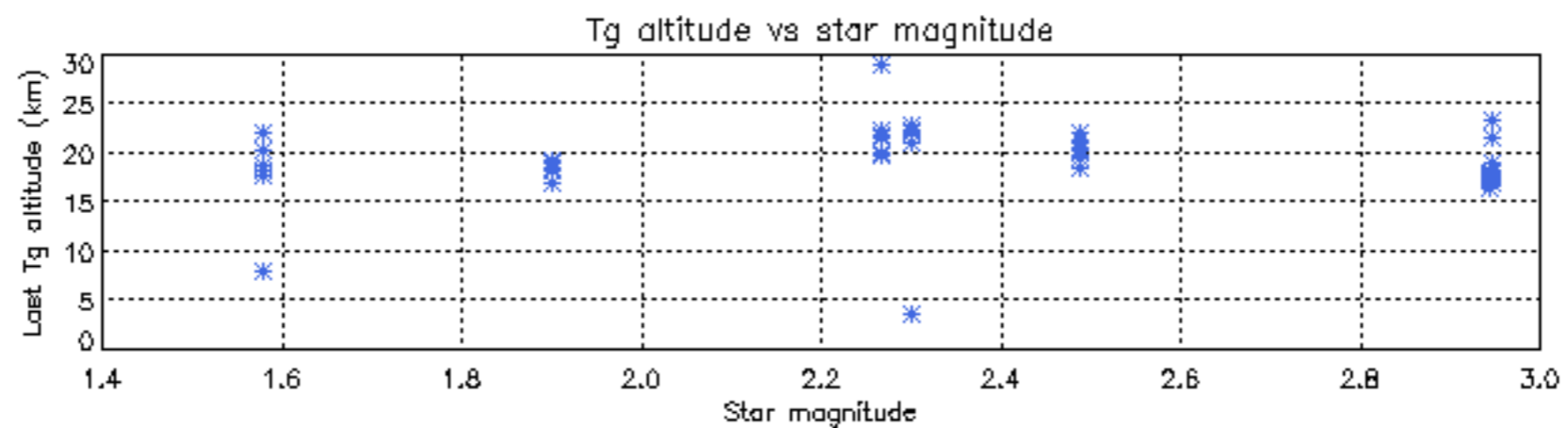
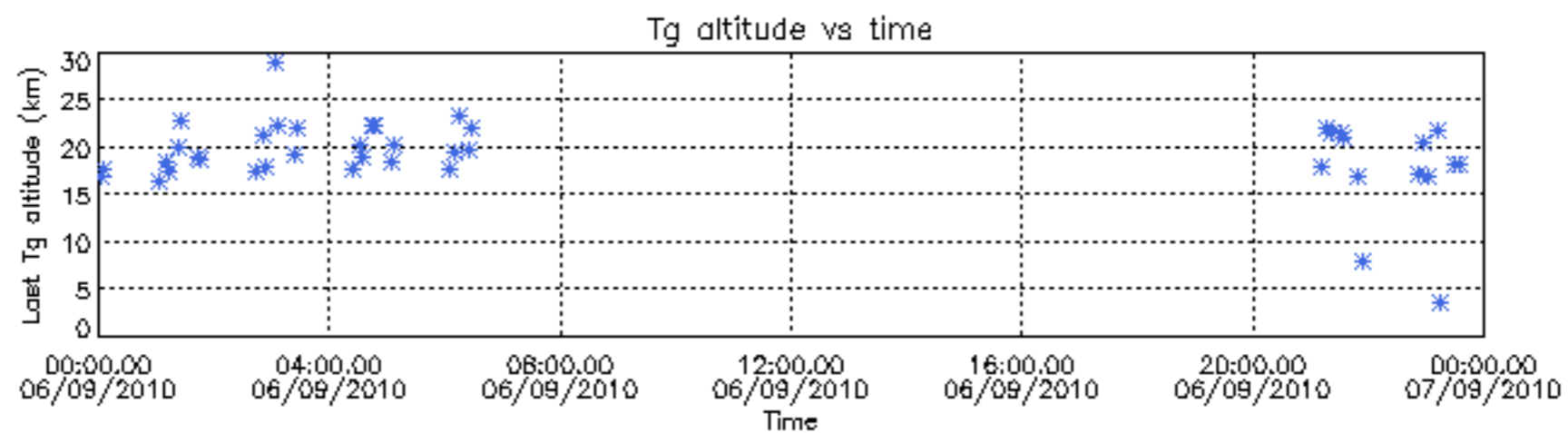
Percentage of saturation errors per profile



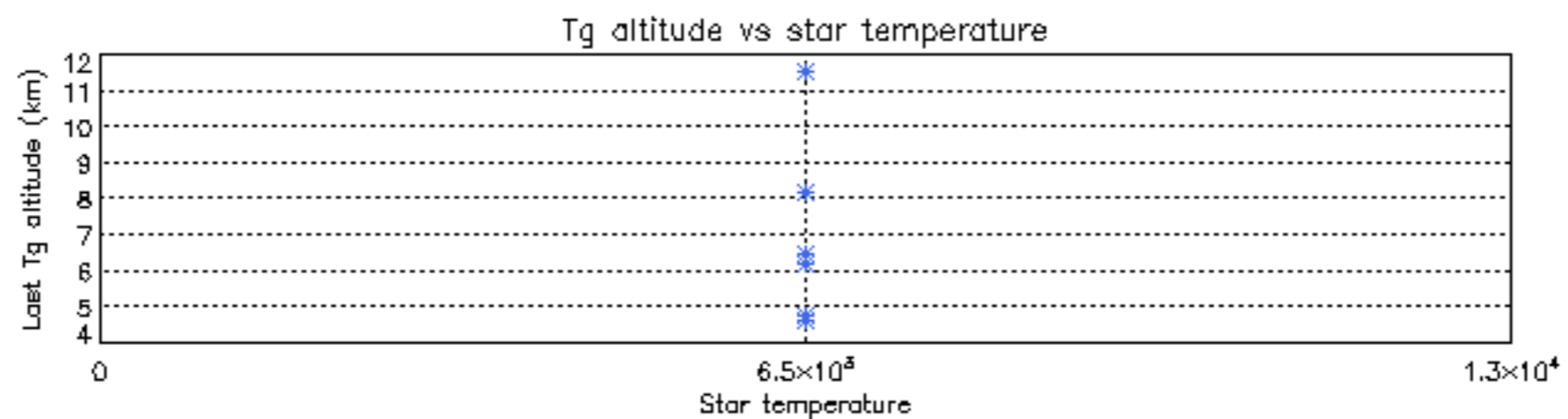
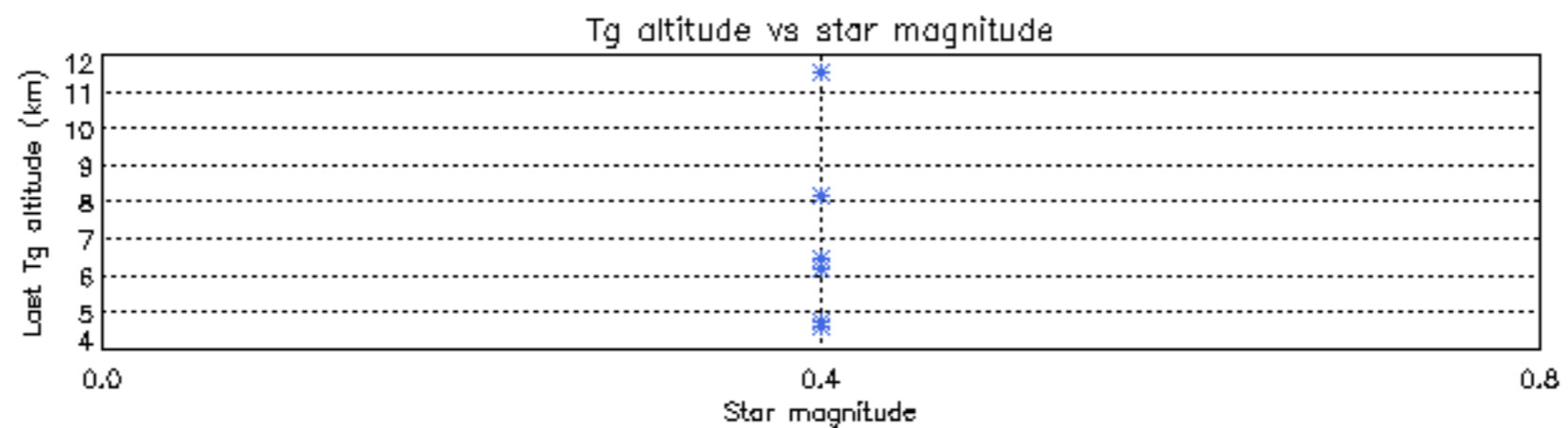
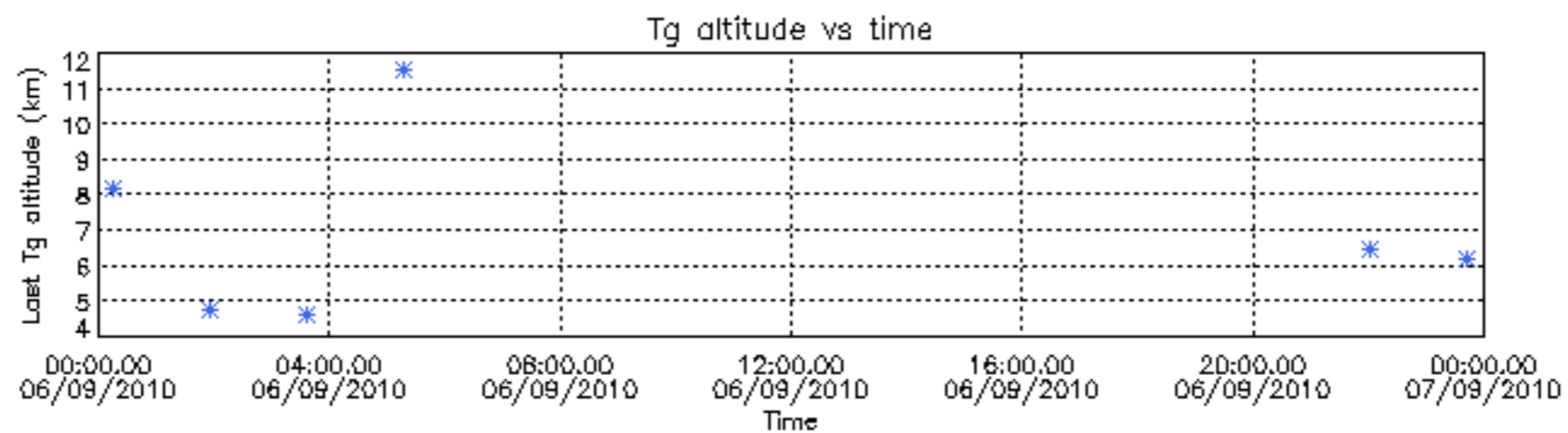
Tangent altitude at which the star is lost

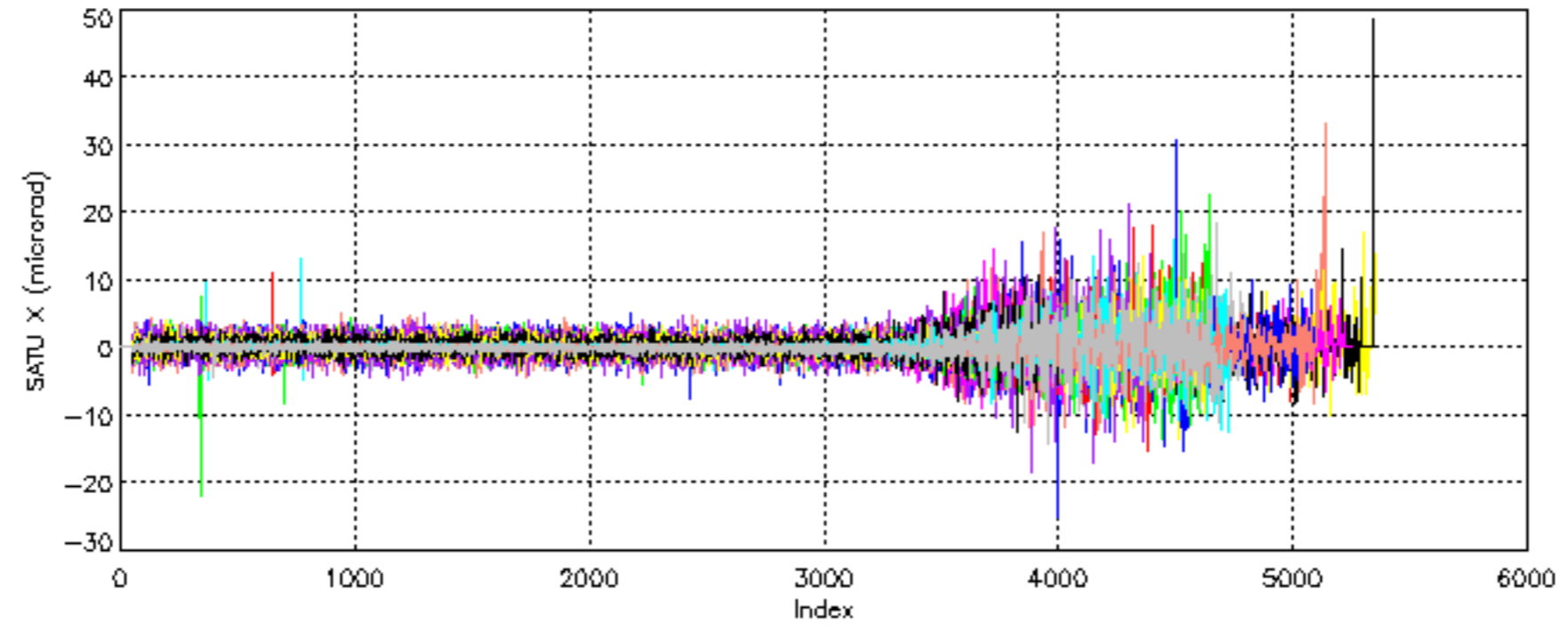


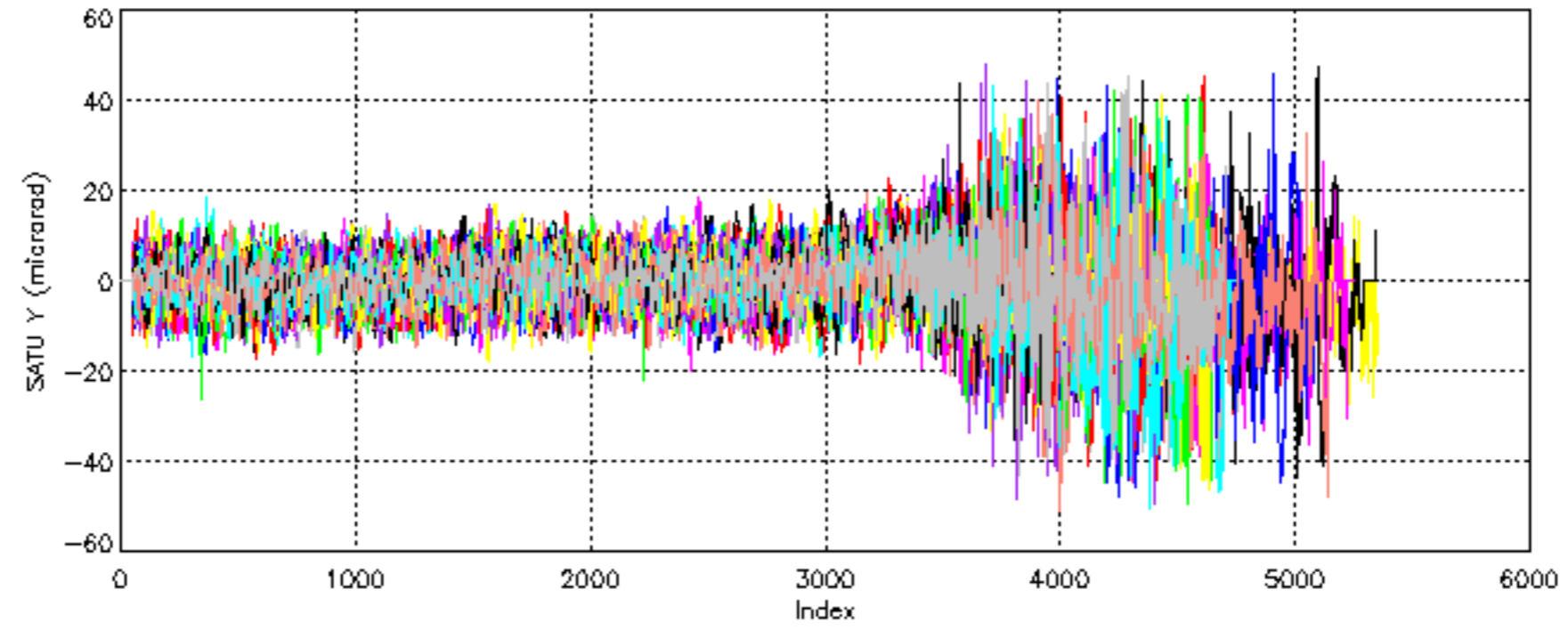
Tangent altitude at which the star is lost

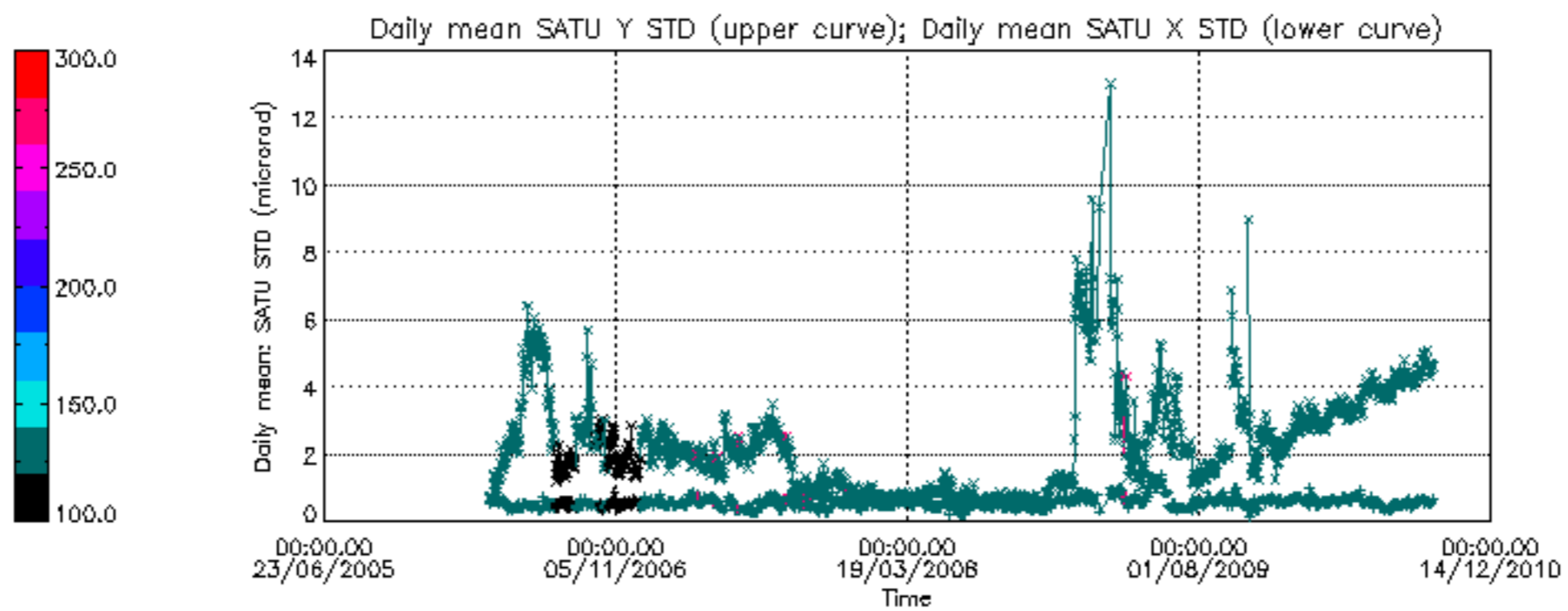


Tangent altitude at which the star is lost









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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100901_011807_000013212092_00317_44459_0811.N1
 1; -664.1; 01-SEP-2010 01:18:07; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44459
 2; -498.0; 01-SEP-2010 01:20:53; Dark ; 42.0; 23; 21Eps CMA ; 1.50; 26000;occ; 84; 0;44459
 3; -356.2; 01-SEP-2010 01:23:15; Dark ; 58.5; 139; 9Bet Lep ; 2.83; 5600;occ; 117; 0;44459
 4; -241.6; 01-SEP-2010 01:25:10; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44459
 5; 525.7; 01-SEP-2010 01:37:57; Dark ; 41.0; 143; Alp Hyi ; 2.86; 7200;occ; 82; 0;44460
 6; 602.5; 01-SEP-2010 01:39:14; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44460
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 13; 978.5; 03-SEP-2010 07:24:39; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44492
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3; 2459.5; 08-SEP-2010 15:14:50; Bright; 40.0; 164; 44Eta Peg ; 2.95; 5400;occ; 80; 0;44568
4; 3081.2; 08-SEP-2010 15:25:12; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44568
5; 3200.5; 08-SEP-2010 15:27:11; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;44568
6; 4191.7; 08-SEP-2010 15:43:43; Bright; 52.0; 42; 34Bet Aur ; 1.90; 10200;occ; 104; 0;44568

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 9; 4840.0; 08-SEP-2010 15:54:31; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;44568
 10; 4952.2; 08-SEP-2010 15:56:23; Dark ; 55.5; 8; 10Alp CMi ; 0.40; 6500;occ; 111; 0;44568
 11; 5449.1; 08-SEP-2010 16:04:40; Dark ; 60.5; 1; 9Alp CMA ; -1.44; 11000;occ; 121; 0;44568
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 13; 5723.9; 08-SEP-2010 16:09:15; Dark ; 45.0; 177; 1Zet CMA ; 3.02; 26000;occ; 90; 0;44568
 14; 5812.5; 08-SEP-2010 16:10:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44568
 15; 5916.1; 08-SEP-2010 16:12:27; Dark ; 47.5; 108; Alp Col ; 2.65; 15200;occ; 95; 0;44568
 16; 6622.1; 08-SEP-2010 16:24:13; Dark ; 36.5; 143; Alp Hyi ; 2.86; 7200;occ; 73; 0;44569
 17; 6702.4; 08-SEP-2010 16:25:33; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44569
 18; 7055.1; 08-SEP-2010 16:31:26; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44569

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 3; 2459.2; 08-SEP-2010 16:55:26; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;44569
 4; 3080.6; 08-SEP-2010 17:05:48; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44569
 5; 3199.9; 08-SEP-2010 17:07:47; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44569
 6; 4191.5; 08-SEP-2010 17:24:18; Bright; 53.0; 42; 34Bet Aur ; 1.90; 10200;occ; 106; 0;44569
 7; 4467.0; 08-SEP-2010 17:28:54; Bright; 58.0; 24; 66Alp Gem ; 1.58; 10200;occ; 116; 0;44569
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 11; 5449.8; 08-SEP-2010 17:45:17; Dark ; 53.0; 1; 9Alp CMA ; -1.44; 11000;occ; 106; 0;44569
 12; 5602.2; 08-SEP-2010 17:47:49; Dark ; 45.0; 23; 21Eps CMA ; 1.50; 26000;occ; 90; 0;44569
 13; 5724.8; 08-SEP-2010 17:49:52; Dark ; 45.0; 177; 1Zet CMA ; 3.02; 26000;occ; 90; 0;44569
 14; 5813.3; 08-SEP-2010 17:51:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44569
 15; 5917.1; 08-SEP-2010 17:53:04; Dark ; 48.0; 108; Alp Col ; 2.65; 15200;occ; 96; 0;44569
 16; 6702.8; 08-SEP-2010 18:06:10; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44570
 17; 7055.5; 08-SEP-2010 18:12:02; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;44570

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 3; 2458.6; 08-SEP-2010 18:36:02; Bright; 40.5; 164; 44Eta Peg ; 2.95; 5400;occ; 81; 0;44570
 4; 3080.1; 08-SEP-2010 18:46:23; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44570
 5; 3199.1; 08-SEP-2010 18:48:22; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;44570
 6; 4191.3; 08-SEP-2010 19:04:54; Bright; 51.0; 42; 34Bet Aur ; 1.90; 10200;occ; 102; 0;44570
 7; 4467.1; 08-SEP-2010 19:09:30; Bright; 40.5; 24; 66Alp Gem ; 1.58; 10200;occ; 81; 0;44570
 8; 4640.0; 08-SEP-2010 19:12:23; Dark ; 52.5; 170; 27Eps Gem ; 3.00; 9700;occ; 105; 0;44570
 9; 4840.9; 08-SEP-2010 19:15:44; Dark ; 57.0; 44; 24Gam Gem ; 1.93; 11000;occ; 114; 0;44570
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 11; 5450.6; 08-SEP-2010 19:25:54; Dark ; 53.5; 1; 9Alp CMA ; -1.44; 11000;occ; 107; 0;44570
 12; 5602.7; 08-SEP-2010 19:28:26; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;44570
 13; 5725.9; 08-SEP-2010 19:30:29; Dark ; 45.0; 177; 1Zet CMA ; 3.02; 26000;occ; 90; 0;44570
 14; 5814.1; 08-SEP-2010 19:31:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44570
 15; 5918.3; 08-SEP-2010 19:33:41; Dark ; 49.0; 108; Alp Col ; 2.65; 15200;occ; 98; 0;44570
 16; 6703.4; 08-SEP-2010 19:46:46; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;44571

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 4; 669.1; 09-SEP-2010 00:48:36; Dark ; 51.0; 9; Alp Eri ; 0.45; 24000;occ; 102; 0;44574
 5; 1021.3; 09-SEP-2010 00:54:28; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44574
 6; 1357.6; 09-SEP-2010 01:00:04; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44574
 7; 2203.8; 09-SEP-2010 01:14:10; Bright; 45.0; 90; 54Alp Peg ; 2.49; 11000;occ; 90; 0;44574
 8; 2457.2; 09-SEP-2010 01:18:24; Bright; 41.5; 164; 44Eta Peg ; 2.95; 5400;occ; 83; 0;44574
 9; 3077.9; 09-SEP-2010 01:28:44; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44574
 10; 3196.5; 09-SEP-2010 01:30:43; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44574
 11; 4190.4; 09-SEP-2010 01:47:17; Bright; 49.5; 42; 34Bet Aur ; 1.90; 10200;occ; 99; 0;44574
 12; 4467.5; 09-SEP-2010 01:51:54; Bright; 41.0; 24; 66Alp Gem ; 1.58; 10200;occ; 82; 0;44574
 13; 4641.0; 09-SEP-2010 01:54:48; Dark ; 54.5; 170; 27Eps Gem ; 3.00; 9700;occ; 109; 0;44574
 14; 4843.0; 09-SEP-2010 01:58:10; Dark ; 55.0; 44; 24Gam Gem ; 1.93; 11000;occ; 110; 0;44574
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 4; 669.4; 09-SEP-2010 02:29:12; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;44575

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6; 1357.8; 09-SEP-2010 02:40:40; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;44575
7; 2203.3; 09-SEP-2010 02:54:46; Bright; 44.0; 90; 54Alp Peg ; 2.49; 11000;occ; 88; 0;44575
8; 2457.2; 09-SEP-2010 02:59:00; Bright; 42.5; 164; 44Eta Peg ; 2.95; 5400;occ; 85; 0;44575
9; 3077.3; 09-SEP-2010 03:09:20; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;44575
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3; -1394.5; 09-SEP-2010 03:35:24; Dark ; 56.5; 170; 27Eps Gem ; 3.00; 9700;occ; 113; 0;44575
4; -1192.4; 09-SEP-2010 03:38:46; Dark ; 55.0; 44; 24Gam Gem ; 1.93; 11000;occ; 110; 0;44575
5; -1080.9; 09-SEP-2010 03:40:37; Dark ; 58.0; 8; 10Alp CMi ; 0.40; 6500;occ; 116; 0;44575
6; -581.3; 09-SEP-2010 03:48:57; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;44575
7; -430.0; 09-SEP-2010 03:51:28; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;44575
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12; 1022.6; 09-SEP-2010 04:15:41; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;44576
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15; 2456.9; 09-SEP-2010 04:39:35; Bright; 40.0; 164; 44Eta Peg ; 2.95; 5400;occ; 80; 0;44576
16; 3076.7; 09-SEP-2010 04:49:55; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;44576
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3; -1394.3; 09-SEP-2010 05:16:00; Dark ; 51.5; 170; 27Eps Gem ; 3.00; 9700;occ; 103; 0;44576
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5; -1080.4; 09-SEP-2010 05:21:14; Dark ; 55.5; 8; 10Alp CMi ; 0.40; 6500;occ; 111; 0;44576
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13; 1358.4; 09-SEP-2010 06:01:53; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;44577
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15; 2456.9; 09-SEP-2010 06:20:11; Bright; 41.5; 164; 44Eta Peg ; 2.95; 5400;occ; 83; 0;44577
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3; -1393.9; 09-SEP-2010 06:56:36; Dark ; 55.0; 170; 27Eps Gem ; 3.00; 9700;occ; 110; 0;44577
4; -1191.4; 09-SEP-2010 06:59:59; Dark ; 54.0; 44; 24Gam Gem ; 1.93; 11000;occ; 108; 0;44577
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13; 5820.5; 09-SEP-2010 08:56:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44578
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3; 3015.7; 09-SEP-2010 11:31:18; Bright; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;44580
4; 3260.5; 09-SEP-2010 11:35:23; Bright; 45.5; 110; 37Del Cas ; 2.68; 8900;occ; 91; 0;44580
5; 3391.3; 09-SEP-2010 11:37:33; Bright; 77.5; 73; 57Gam1And ; 2.26; 13100;occ; 155; 0;44580
6; 3593.4; 09-SEP-2010 11:40:55; Bright; 58.0; 160; 23Gam Per ; 2.93; 4700;occ; 116; 0;44580
7; 3719.8; 09-SEP-2010 11:43:02; Bright; 68.5; 35; 33Alp Per ; 1.79; 6250;occ; 137; 0;44580
8; 3834.2; 09-SEP-2010 11:44:56; Bright; 68.0; 175; 39Del Per ; 3.01; 19400;occ; 136; 0;44580
9; 4118.1; 09-SEP-2010 11:49:40; Bright; 65.0; 6; 13Alp Aur ; 0.08; 3400;occ; 130; 0;44580
10; 4378.0; 09-SEP-2010 11:54:00; Bright; 78.0; 107; 37The Aur ; 2.65; 11000;occ; 156; 0;44580
11; 4649.8; 09-SEP-2010 11:58:32; Dark ; 81.5; 28; 12Bet Tau ; 1.65; 15200;occ; 163; 0;44580
12; 4846.3; 09-SEP-2010 12:01:48; Dark ; 56.5; 44; 24Gam Gem ; 1.93; 11000;occ; 113; 0;44580
13; 5189.9; 09-SEP-2010 12:07:32; Dark ; 100.0; 14; 58Alp Ori ; 0.87; 3000;occ; 200; 0;44580
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4; 4116.7; 09-SEP-2010 18:32:03; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;44584
5; 4378.0; 09-SEP-2010 18:36:24; Bright; 49.0; 107; 37The Aur ; 2.65; 11000;occ; 98; 0;44584
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4; 4112.3; 10-SEP-2010 11:17:57; Bright; 17.5; 6; 13Alp Aur ; 0.08; 3400;occ; 35; 0;44594
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6; 3023.0; 16-SEP-2010 21:14:53; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44686
7; 3129.8; 16-SEP-2010 21:16:40; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44686
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6; 643.1; 16-SEP-2010 22:15:49; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44687
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 7; 5451.2; 16-SEP-2010 13:32:21; Dark ; 41.0; 132; 15Rho Pup ; 2.80; 6900;occ; 82; 0;44681
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13; 6676.8; 16-SEP-2010 13:52:47; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;44682
14; 6762.4; 16-SEP-2010 13:54:12; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44682
15; 7105.9; 16-SEP-2010 13:59:56; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;44682
16; 7564.1; 16-SEP-2010 14:07:34; Dark ; 8.5; 52; 16Bet Cet ; 2.04; 4500;occ; 17; 0;44682
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 3; 2410.4; 16-SEP-2010 14:22:16; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44682
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 5; 3024.9; 16-SEP-2010 14:32:31; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44682
 6; 3132.1; 16-SEP-2010 14:34:18; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44682
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 9; 5451.7; 16-SEP-2010 15:12:58; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;44682
10; 5556.3; 16-SEP-2010 15:14:42; Dark ; 71.0; 1; 9Alp CMa ; -1.44; 11000;occ; 142; 0;44682
11; 5687.7; 16-SEP-2010 15:16:54; Dark ; 46.5; 23; 21Eps CMa ; 1.50; 26000;occ; 93; 0;44682
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13; 6062.4; 16-SEP-2010 15:23:08; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;44683
14; 6677.2; 16-SEP-2010 15:33:23; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;44683
15; 6762.9; 16-SEP-2010 15:34:49; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44683
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 3; 2410.1; 16-SEP-2010 16:02:52; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44683
 4; 2532.4; 16-SEP-2010 16:04:54; Bright; 30.0; 58; 21Alp And ; 2.07; 11000;occ; 60; 0;44683
 5; 3024.4; 16-SEP-2010 16:13:06; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44683

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12; 5912.1; 16-SEP-2010 17:01:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44683
13; 6063.3; 16-SEP-2010 17:03:45; Dark ; 48.0; 2; Alp Car ; -0.74; 7000;occ; 96; 0;44684
14; 6677.9; 16-SEP-2010 17:14:00; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;44684
15; 6763.4; 16-SEP-2010 17:15:25; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;44684
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3; 2409.9; 16-SEP-2010 17:43:28; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44684
4; 2531.6; 16-SEP-2010 17:45:30; Bright; 37.0; 58; 21Alp And ; 2.07; 11000;occ; 74; 0;44684
5; 3023.9; 16-SEP-2010 17:53:42; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44684
6; 3131.0; 16-SEP-2010 17:55:29; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44684
7; 4482.7; 16-SEP-2010 18:18:01; Bright; 44.0; 24; 66Alp Gem ; 1.58; 10200;occ; 88; 0;44684
8; 5007.0; 16-SEP-2010 18:26:45; Dark ; 59.5; 8; 10Alp CMI ; 0.40; 6500;occ; 119; 0;44684
9; 5452.6; 16-SEP-2010 18:34:11; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44684
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11; 5689.3; 16-SEP-2010 18:38:07; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;44684
12; 5913.1; 16-SEP-2010 18:41:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44684
13; 6063.9; 16-SEP-2010 18:44:22; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;44685
14; 6678.1; 16-SEP-2010 18:54:36; Dark ; 40.5; 143; Alp Hyi ; 2.86; 7200;occ; 81; 0;44685
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2; -474.4; 16-SEP-2010 23:37:47; Dark ; 65.0; 1; 9Alp CMA ; -1.44; 11000;occ; 130; 0;44687
3; -344.0; 16-SEP-2010 23:39:58; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;44687
4; -120.1; 16-SEP-2010 23:43:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44687
5; 29.4; 16-SEP-2010 23:46:11; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;44688
6; 643.3; 16-SEP-2010 23:56:25; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;44688
7; 729.2; 16-SEP-2010 23:57:51; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44688
8; 1072.3; 17-SEP-2010 00:03:34; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;44688
9; 1529.0; 17-SEP-2010 00:11:10; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;44688
10; 2177.6; 17-SEP-2010 00:21:59; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44688
11; 2408.8; 17-SEP-2010 00:25:50; Bright; 41.5; 93; 53Bet Peg ; 2.52; 3100;occ; 83; 0;44688
12; 2528.9; 17-SEP-2010 00:27:50; Bright; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;44688
13; 3022.1; 17-SEP-2010 00:36:04; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44688
14; 3128.4; 17-SEP-2010 00:37:50; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;44688
15; 4483.0; 17-SEP-2010 01:00:25; Bright; 58.0; 24; 66Alp Gem ; 1.58; 10200;occ; 116; 0;44688
16; 5009.1; 17-SEP-2010 01:09:11; Dark ; 62.0; 8; 10Alp CMI ; 0.40; 6500;occ; 124; 0;44688

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3; 2178.0; 16-SEP-2010 19:20:12; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;44685
4; 2409.6; 16-SEP-2010 19:24:03; Bright; 43.0; 93; 53Bet Peg ; 2.52; 3100;occ; 86; 0;44685
5; 2530.9; 16-SEP-2010 19:26:05; Bright; 37.0; 58; 21Alp And ; 2.07; 11000;occ; 74; 0;44685
6; 3023.6; 16-SEP-2010 19:34:18; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44685
7; 3130.4; 16-SEP-2010 19:36:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;44685
8; 4482.7; 16-SEP-2010 19:58:37; Bright; 63.0; 24; 66Alp Gem ; 1.58; 10200;occ; 126; 0;44685
9; 5007.4; 16-SEP-2010 20:07:21; Dark ; 56.5; 8; 10Alp CMI ; 0.40; 6500;occ; 113; 0;44685
10; 5452.9; 16-SEP-2010 20:14:47; Dark ; 39.0; 132; 15Rho Pup ; 2.80; 6900;occ; 78; 0;44685
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12; 5690.1; 16-SEP-2010 20:18:44; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;44685
13; 5913.9; 16-SEP-2010 20:22:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44685
14; 6064.4; 16-SEP-2010 20:24:58; Dark ; 57.0; 2; Alp Car ; -0.74; 7000;occ; 114; 0;44686
15; 6678.7; 16-SEP-2010 20:35:13; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;44686
16; 6764.3; 16-SEP-2010 20:36:38; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;44686

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3; -343.2; 17-SEP-2010 01:20:34; Dark ; 48.5; 23; 21Eps CMA ; 1.50; 26000;occ; 97; 0;44688
4; -119.2; 17-SEP-2010 01:24:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44688
5; 30.3; 17-SEP-2010 01:26:48; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;44689
6; 644.3; 17-SEP-2010 01:37:02; Dark ; 37.5; 143; Alp Hyi ; 2.86; 7200;occ; 75; 0;44689


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10; 2177.4; 17-SEP-2010 02:02:35; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44689
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12; 2528.1; 17-SEP-2010 02:08:25; Bright; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;44689
13; 3021.5; 17-SEP-2010 02:16:39; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44689
14; 3128.1; 17-SEP-2010 02:18:25; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44689
15; 4483.2; 17-SEP-2010 02:41:01; Bright; 45.0; 24; 66Alp Gem ; 1.58; 10200;occ; 90; 0;44689
16; 5009.8; 17-SEP-2010 02:49:47; Dark ; 53.0; 8; 10Alp CMi ; 0.40; 6500;occ; 106; 0;44689
17; 5455.0; 17-SEP-2010 02:57:12; Dark ; 42.0; 132; 15Rho Pup ; 2.80; 6900;occ; 84; 0;44689
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19; 5693.6; 17-SEP-2010 03:01:11; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;44689
20; 5917.7; 17-SEP-2010 03:04:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44689
21; 6066.8; 17-SEP-2010 03:07:24; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;44690
22; 6680.6; 17-SEP-2010 03:17:38; Dark ; 37.0; 143; Alp Hyi ; 2.86; 7200;occ; 74; 0;44690
23; 6766.3; 17-SEP-2010 03:19:04; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;44690
24; 7108.9; 17-SEP-2010 03:24:46; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;44690
25; 7565.4; 17-SEP-2010 03:32:23; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;44690
26; 8213.2; 17-SEP-2010 03:43:11; Bright; 38.5; 90; 54Alp Peg ; 2.49; 11000;occ; 77; 0;44690
27; 8444.4; 17-SEP-2010 03:47:02; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44690
28; 8563.5; 17-SEP-2010 03:49:01; Bright; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;44690
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4; -1025.7; 17-SEP-2010 04:30:24; Dark ; 52.5; 8; 10Alp CMi ; 0.40; 6500;occ; 105; 0;44690
5; -580.4; 17-SEP-2010 04:37:49; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;44690
6; -471.1; 17-SEP-2010 04:39:38; Dark ; 58.5; 1; 9Alp CMA ; -1.44; 11000;occ; 117; 0;44690
7; -341.5; 17-SEP-2010 04:41:48; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;44690
8; -117.3; 17-SEP-2010 04:45:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44690
9; 31.5; 17-SEP-2010 04:48:01; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;44691
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4; -470.1; 17-SEP-2010 06:20:15; Dark ; 65.0; 1; 9Alp CMA ; -1.44; 11000;occ; 130; 0;44691
5; -340.6; 17-SEP-2010 06:22:25; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;44691
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7; 32.0; 17-SEP-2010 06:28:37; Dark ; 57.0; 2; Alp Car ; -0.74; 7000;occ; 114; 0;44692
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3; 2526.5; 17-SEP-2010 07:10:12; Bright; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;44692
4; 3020.5; 17-SEP-2010 07:18:26; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44692
5; 3126.6; 17-SEP-2010 07:20:12; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44692
6; 4483.8; 17-SEP-2010 07:42:49; Bright; 45.0; 24; 66Alp Gem ; 1.58; 10200;occ; 90; 0;44692
7; 5011.4; 17-SEP-2010 07:51:37; Dark ; 47.5; 8; 10Alp CMi ; 0.40; 6500;occ; 95; 0;44692
8; 5456.4; 17-SEP-2010 07:59:02; Dark ; 38.5; 132; 15Rho Pup ; 2.80; 6900;occ; 77; 0;44692
9; 5567.0; 17-SEP-2010 08:00:52; Dark ; 59.5; 1; 9Alp CMA ; -1.44; 11000;occ; 119; 0;44692
10; 5696.3; 17-SEP-2010 08:03:02; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;44692
11; 5920.6; 17-SEP-2010 08:06:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44692
12; 6068.6; 17-SEP-2010 08:09:14; Dark ; 48.0; 2; Alp Car ; -0.74; 7000;occ; 96; 0;44693
13; 6682.0; 17-SEP-2010 08:19:27; Dark ; 42.0; 143; Alp Hyi ; 2.86; 7200;occ; 84; 0;44693
14; 6767.9; 17-SEP-2010 08:20:53; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44693

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11; 5810.6; 22-SEP-2010 15:30:25; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;44768
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3; 2393.7; 22-SEP-2010 16:14:05; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44769
4; 2482.5; 22-SEP-2010 16:15:33; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;44769
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8; 5059.4; 22-SEP-2010 16:58:30; Dark ; 65.5; 8; 10Alp CMI ; 0.40; 6500;occ; 131; 0;44769
9; 5499.4; 22-SEP-2010 17:05:50; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44769
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13; 6119.3; 22-SEP-2010 17:16:10; Dark ; 45.0; 2; Alp Car ;-0.74; 7000;occ; 90; 0;44770
14; 6804.3; 22-SEP-2010 17:27:35; Dark ; 51.0; 9; Alp Eri ; 0.45; 24000;occ; 102; 0;44770
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12; 5812.7; 22-SEP-2010 20:32:16; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;44771
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 6; 770.4; 23-SEP-2010 01:50:37; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44775
 7; 1104.5; 23-SEP-2010 01:56:11; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;44775
 8; 1541.3; 23-SEP-2010 02:03:28; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;44775
 9; 2167.9; 23-SEP-2010 02:13:54; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44775
10; 2392.9; 23-SEP-2010 02:17:39; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;44775
11; 2479.5; 23-SEP-2010 02:19:06; Bright; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;44775
12; 2987.5; 23-SEP-2010 02:27:34; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;44775
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 8; 771.0; 23-SEP-2010 03:31:13; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44776
 9; 1105.0; 23-SEP-2010 03:36:47; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;44776
10; 1541.6; 23-SEP-2010 03:44:04; Dark ; 54.0; 52; 16Bet Cet ; 2.04; 4500;occ; 108; 0;44776
11; 2168.1; 23-SEP-2010 03:54:30; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44776
12; 2392.9; 23-SEP-2010 03:58:15; Bright; 37.0; 93; 53Bet Peg ; 2.52; 3100;occ; 74; 0;44776
13; 2479.0; 23-SEP-2010 03:59:41; Bright; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;44776
14; 2987.2; 23-SEP-2010 04:08:09; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44776
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 2; -971.8; 23-SEP-2010 04:42:46; Dark ; 60.5; 8; 10Alp CMI ; 0.40; 6500;occ; 121; 0;44776
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 5; -260.4; 23-SEP-2010 04:54:38; Dark ; 53.0; 23; 21Eps CMA ; 1.50; 26000;occ; 106; 0;44776
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 7; 5.4; 23-SEP-2010 04:59:04; Dark ; 44.0; 161; Tau Pup ; 2.93; 4500;occ; 88; 0;44776
 8; 87.9; 23-SEP-2010 05:00:26; Dark ; 57.5; 2; Alp Car ; -0.74; 7000;occ; 115; 0;44777
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12; 2168.0; 23-SEP-2010 05:35:06; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44777
13; 2392.9; 23-SEP-2010 05:38:51; Bright; 40.5; 93; 53Bet Peg ; 2.52; 3100;occ; 81; 0;44777
14; 2478.6; 23-SEP-2010 05:40:17; Bright; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;44777
15; 2986.6; 23-SEP-2010 05:48:45; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44777
16; 3082.2; 23-SEP-2010 05:50:20; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44777

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2;	2167.7;	23-SEP-2010	15:38:41;	Bright;	;	38.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	77;	0;	44783
3;	2392.2;	23-SEP-2010	15:42:26;	Bright;	;	39.5;	93;	53Bet	Peg	;	2.52;	3100;	occ;	79;	0;	44783
4;	2475.7;	23-SEP-2010	15:43:49;	Bright;	;	43.0;	58;	21Alp	And	;	2.07;	11000;	occ;	86;	0;	44783
5;	2984.7;	23-SEP-2010	15:52:18;	Bright;	;	37.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	75;	0;	44783
6;	3079.6;	23-SEP-2010	15:53:53;	Bright;	;	41.5;	76;	27Gam	Cas	;	2.30;	30000;	occ;	83;	0;	44783
7;	4496.5;	23-SEP-2010	16:17:30;	Bright;	;	47.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	95;	0;	44783
8;	5069.5;	23-SEP-2010	16:27:03;	Dark	;	69.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	138;	0;	44783
9;	5508.2;	23-SEP-2010	16:34:22;	Dark	;	40.5;	132;	15Rho	Pup	;	2.80;	6900;	occ;	81;	0;	44783
10;	5681.4;	23-SEP-2010	16:37:15;	Dark	;	67.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	134;	0;	44783
11;	5782.9;	23-SEP-2010	16:38:56;	Dark	;	46.5;	23;	21Eps	CMA	;	1.50;	26000;	occ;	93;	0;	44783
12;	5919.0;	23-SEP-2010	16:41:13;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44783
13;	6046.0;	23-SEP-2010	16:43:20;	Dark	;	43.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	86;	0;	44784
14;	6183.2;	23-SEP-2010	16:45:37;	Dark	;	54.0;	108;	Alp	Col	;	2.65;	15200;	occ;	108;	0;	44784
15;	6864.6;	23-SEP-2010	16:56:58;	Dark	;	51.5;	157;	The1Eri		;	2.91;	9300;	occ;	103;	0;	44784
16;	7143.8;	23-SEP-2010	17:01:37;	Dark	;	45.0;	84;	Alp	Phe	;	2.40;	4500;	occ;	90;	0;	44784

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2;	2167.8;	23-SEP-2010	17:19:17;	Bright;	;	38.0;	90;	54Alp	Peg	;	2.49;	11000;	occ;	76;	0;	44784
3;	2391.8;	23-SEP-2010	17:23:01;	Bright;	;	40.5;	93;	53Bet	Peg	;	2.52;	3100;	occ;	81;	0;	44784
4;	2475.3;	23-SEP-2010	17:24:25;	Bright;	;	43.0;	58;	21Alp	And	;	2.07;	11000;	occ;	86;	0;	44784
5;	2984.2;	23-SEP-2010	17:32:54;	Bright;	;	40.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	81;	0;	44784
6;	3079.0;	23-SEP-2010	17:34:29;	Bright;	;	40.5;	76;	27Gam	Cas	;	2.30;	30000;	occ;	81;	0;	44784
7;	4496.5;	23-SEP-2010	17:58:06;	Bright;	;	49.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	99;	0;	44784
8;	5070.1;	23-SEP-2010	18:07:40;	Dark	;	63.5;	8;	10Alp	CMI	;	0.40;	6500;	occ;	127;	0;	44784
9;	5508.9;	23-SEP-2010	18:14:58;	Dark	;	42.0;	132;	15Rho	Pup	;	2.80;	6900;	occ;	84;	0;	44784
10;	5682.8;	23-SEP-2010	18:17:52;	Dark	;	61.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	122;	0;	44784
11;	5783.8;	23-SEP-2010	18:19:33;	Dark	;	54.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	108;	0;	44784
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13;	6046.8;	23-SEP-2010	18:23:56;	Dark	;	43.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	86;	0;	44785
14;	6184.6;	23-SEP-2010	18:26:14;	Dark	;	55.5;	108;	Alp	Col	;	2.65;	15200;	occ;	111;	0;	44785
15;	6865.4;	23-SEP-2010	18:37:35;	Dark	;	51.0;	157;	The1Eri		;	2.91;	9300;	occ;	102;	0;	44785
16;	7144.0;	23-SEP-2010	18:42:14;	Dark	;	16.0;	84;	Alp	Phe	;	2.40;	4500;	occ;	32;	0;	44785

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2;	1542.9;	23-SEP-2010	18:49:28;	Dark	;	53.5;	52;	16Bet	Cet	;	2.04;	4500;	occ;	107;	0;	44785
3;	2167.5;	23-SEP-2010	18:59:53;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44785
4;	2391.7;	23-SEP-2010	19:03:37;	Bright;	;	38.0;	93;	53Bet	Peg	;	2.52;	3100;	occ;	76;	0;	44785
5;	2474.9;	23-SEP-2010	19:05:00;	Bright;	;	42.0;	58;	21Alp	And	;	2.07;	11000;	occ;	84;	0;	44785
6;	2984.0;	23-SEP-2010	19:13:30;	Bright;	;	41.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	83;	0;	44785
7;	3078.3;	23-SEP-2010	19:15:04;	Bright;	;	42.0;	76;	27Gam	Cas	;	2.30;	30000;	occ;	84;	0;	44785
8;	4496.8;	23-SEP-2010	19:38:42;	Bright;	;	48.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	97;	0;	44785
9;	5070.8;	23-SEP-2010	19:48:16;	Dark	;	71.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	142;	0;	44785
10;	5509.3;	23-SEP-2010	19:55:35;	Dark	;	41.5;	132;	15Rho	Pup	;	2.80;	6900;	occ;	83;	0;	44785
11;	5683.9;	23-SEP-2010	19:58:29;	Dark	;	61.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	122;	0;	44785
12;	5784.9;	23-SEP-2010	20:00:10;	Dark	;	49.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	98;	0;	44785
13;	5920.3;	23-SEP-2010	20:02:26;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44785
14;	6047.4;	23-SEP-2010	20:04:33;	Dark	;	51.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	102;	0;	44786
15;	6185.8;	23-SEP-2010	20:06:51;	Dark	;	55.5;	108;	Alp	Col	;	2.65;	15200;	occ;	111;	0;	44786
16;	6866.3;	23-SEP-2010	20:18:12;	Dark	;	51.0;	157;	The1Eri		;	2.91;	9300;	occ;	102;	0;	44786

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1;	1544.8;	24-SEP-2010	19:58:29;	Dark	;	53.0;	52;	16Bet	Cet	;	2.04;	4500;	occ;	106;	0;	44800
2;	2166.8;	24-SEP-2010	20:08:51;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44800
3;	2390.0;	24-SEP-2010	20:12:34;	Bright;	;	39.0;	93;	53Bet	Peg	;	2.52;	3100;	occ;	78;	0;	44800
4;	2978.5;	24-SEP-2010	20:22:23;	Bright;	;	41.0;	74;	11Bet	Cas	;	2.27;	6600;	occ;	82;	0;	44800
5;	3071.1;	24-SEP-2010	20:23:55;	Bright;	;	42.0;	76;	27Gam	Cas	;	2.30;	30000;	occ;	84;	0;	44800
6;	4498.7;	24-SEP-2010	20:47:43;	Bright;	;	51.0;	24;	66Alp	Gem	;	1.58;	10200;	occ;	102;	0;	44800

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1;	-953.9;	24-SEP-2010	20:57:26;	Dark	;	73.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	146;	0;	44800
2;	-516.9;	24-SEP-2010	21:04:43;	Dark	;	45.0;	132;	15Rho	Pup	;	2.80;	6900;	occ;	90;	0;	44800
3;	-321.7;	24-SEP-2010	21:07:59;	Dark	;	43.0;	88;	31Eta	CMA	;	2.45;	20000;	occ;	86;	0;	44800
4;	-235.2;	24-SEP-2010	21:09:25;	Dark	;	50.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	100;	0;	44800
5;	-105.9;	24-SEP-2010	21:11:34;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44800
6;	171.0;	24-SEP-2010	21:16:11;	Dark	;	56.5;	108;	Alp	Col	;	2.65;	15200;	occ;	113;	0;	44801
7;	842.9;	24-SEP-2010	21:27:23;	Dark	;	53.0;	157;	The1Eri		;	2.91;	9300;	occ;	106;	0;	44801
8;	1544.9;	24-SEP-2010	21:39:05;	Dark	;	55.0;	52;	16Bet	Cet	;	2.04;	4500;	occ;	110;	0;	44801
9;	2166.6;	24-SEP-2010	21:49:27;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44801


```

10; 2389.9; 24-SEP-2010 21:53:10; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;44801
11; 2978.1; 24-SEP-2010 22:02:58; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44801
12; 3070.6; 24-SEP-2010 22:04:31; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;44801
13; 4498.8; 24-SEP-2010 22:28:19; Bright; 52.5; 24; 66Alp Gem ; 1.58; 10200;occ; 105; 0;44801
14; 5082.6; 24-SEP-2010 22:38:03; Dark ; 61.5; 8; 10Alp CMi ; 0.40; 6500;occ; 123; 0;44801
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 1; -320.9; 24-SEP-2010 22:48:35; Dark ; 45.0; 88; 31Eta CMA ; 2.45; 20000;occ; 90; 0;44801
 2; -234.4; 24-SEP-2010 22:50:02; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;44801
 3; -105.2; 24-SEP-2010 22:52:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44801
 4; 172.6; 24-SEP-2010 22:56:49; Dark ; 53.0; 108; Alp Col ; 2.65; 15200;occ; 106; 0;44802
 5; 843.7; 24-SEP-2010 23:08:00; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44802
 6; 1544.9; 24-SEP-2010 23:19:41; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44802
 7; 2210.3; 24-SEP-2010 23:30:46; Bright; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;44802
 8; 2389.7; 24-SEP-2010 23:33:46; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;44802
 9; 2977.7; 24-SEP-2010 23:43:34; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44802
10; 3070.2; 24-SEP-2010 23:45:06; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44802
11; 4498.9; 25-SEP-2010 00:08:55; Bright; 71.0; 24; 66Alp Gem ; 1.58; 10200;occ; 142; 0;44802
12; 5083.3; 25-SEP-2010 00:18:39; Dark ; 58.5; 8; 10Alp CMi ; 0.40; 6500;occ; 117; 0;44802
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100924_072255_000031372093_00149_44792_2519.N1
 1; -1538.2; 24-SEP-2010 07:22:55; Bright; 52.0; 24; 66Alp Gem ; 1.58; 10200;occ; 104; 0;44792
 2; -960.0; 24-SEP-2010 07:32:33; Dark ; 67.0; 8; 10Alp CMi ; 0.40; 6500;occ; 134; 0;44792
 3; -522.2; 24-SEP-2010 07:39:51; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44792
 4; -341.9; 24-SEP-2010 07:42:51; Dark ; 36.0; 1; 9Alp CMA ; -1.44; 11000;occ; 72; 0;44792
 5; -243.9; 24-SEP-2010 07:44:29; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;44792
 6; -111.1; 24-SEP-2010 07:46:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44792
 7; 16.1; 24-SEP-2010 07:48:49; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44793
 8; 159.9; 24-SEP-2010 07:51:13; Dark ; 54.5; 108; Alp Col ; 2.65; 15200;occ; 109; 0;44793
 9; 836.4; 24-SEP-2010 08:02:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44793
10; 1543.9; 24-SEP-2010 08:14:17; Dark ; 55.0; 52; 16Bet Cet ; 2.04; 4500;occ; 110; 0;44793
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 1; 2167.1; 24-SEP-2010 08:24:40; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44793
 2; 2391.0; 24-SEP-2010 08:28:24; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44793
 3; 2471.0; 24-SEP-2010 08:29:44; Bright; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;44793
 4; 2981.1; 24-SEP-2010 08:38:14; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;44793
 5; 3074.6; 24-SEP-2010 08:39:47; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44793
 6; 4497.9; 24-SEP-2010 09:03:31; Bright; 49.5; 24; 66Alp Gem ; 1.58; 10200;occ; 99; 0;44793
 7; 5076.7; 24-SEP-2010 09:13:10; Dark ; 58.5; 8; 10Alp CMi ; 0.40; 6500;occ; 117; 0;44793
 8; 5514.5; 24-SEP-2010 09:20:27; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44793
 9; 5695.5; 24-SEP-2010 09:23:28; Dark ; 36.0; 1; 9Alp CMA ; -1.44; 11000;occ; 72; 0;44793
10; 5793.1; 24-SEP-2010 09:25:06; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;44793
11; 5925.5; 24-SEP-2010 09:27:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44793
12; 6052.7; 24-SEP-2010 09:29:26; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;44794
13; 6197.1; 24-SEP-2010 09:31:50; Dark ; 56.0; 108; Alp Col ; 2.65; 15200;occ; 112; 0;44794
14; 6873.2; 24-SEP-2010 09:43:06; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44794
15; 7579.9; 24-SEP-2010 09:54:53; Dark ; 53.5; 52; 16Bet Cet ; 2.04; 4500;occ; 107; 0;44794
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 1; 2167.1; 24-SEP-2010 10:05:16; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44794
 2; 2390.8; 24-SEP-2010 10:09:00; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;44794
 3; 2470.6; 24-SEP-2010 10:10:19; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;44794
 4; 2980.6; 24-SEP-2010 10:18:49; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44794
 5; 3074.0; 24-SEP-2010 10:20:23; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44794
 6; 4498.1; 24-SEP-2010 10:44:07; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44794
 7; 5077.4; 24-SEP-2010 10:53:46; Dark ; 61.0; 8; 10Alp CMi ; 0.40; 6500;occ; 122; 0;44794
 8; 5515.2; 24-SEP-2010 11:01:04; Dark ; 41.5; 132; 15Rho Pup ; 2.80; 6900;occ; 83; 0;44794
 9; 5696.9; 24-SEP-2010 11:04:06; Dark ; 30.0; 1; 9Alp CMA ; -1.44; 11000;occ; 60; 0;44794
10; 5794.3; 24-SEP-2010 11:05:43; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;44794
11; 5926.1; 24-SEP-2010 11:07:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44794
12; 6053.3; 24-SEP-2010 11:10:02; Dark ; 43.0; 161; Tau Pup ; 2.93; 4500;occ; 86; 0;44795
13; 6198.6; 24-SEP-2010 11:12:27; Dark ; 55.0; 108; Alp Col ; 2.65; 15200;occ; 110; 0;44795
14; 6873.9; 24-SEP-2010 11:23:43; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44795
15; 7579.9; 24-SEP-2010 11:35:29; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44795
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 1; 2167.0; 24-SEP-2010 11:45:52; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;44795
 2; 2390.8; 24-SEP-2010 11:49:35; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44795
 3; 2470.0; 24-SEP-2010 11:50:55; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;44795
 4; 2980.2; 24-SEP-2010 11:59:25; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44795
 5; 3073.6; 24-SEP-2010 12:00:58; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;44795
 6; 4498.1; 24-SEP-2010 12:24:43; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44795

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7; 5078.1; 24-SEP-2010 12:34:23; Dark ; 68.0; 8; 10Alp CMI ; 0.40; 6500;occ; 136; 0;44795
8; 5515.9; 24-SEP-2010 12:41:41; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44795
9; 5698.3; 24-SEP-2010 12:44:43; Dark ; 30.0; 1; 9Alp CMA ; -1.44; 11000;occ; 60; 0;44795
10; 5795.3; 24-SEP-2010 12:46:20; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;44795
11; 5926.7; 24-SEP-2010 12:48:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44795
12; 6053.9; 24-SEP-2010 12:50:39; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44796
13; 6199.9; 24-SEP-2010 12:53:05; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 0;44796
14; 6874.8; 24-SEP-2010 13:04:19; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44796
15; 7580.2; 24-SEP-2010 13:16:05; Dark ; 54.5; 52; 16Bet Cet ; 2.04; 4500;occ; 109; 0;44796
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2; 2167.1; 24-SEP-2010 13:26:28; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;44796
3; 2980.0; 24-SEP-2010 13:40:00; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44796
4; 3073.1; 24-SEP-2010 13:41:34; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44796
5; 4498.3; 24-SEP-2010 14:05:19; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44796
6; 5078.9; 24-SEP-2010 14:14:59; Dark ; 68.5; 8; 10Alp CMI ; 0.40; 6500;occ; 137; 0;44796
7; 5516.5; 24-SEP-2010 14:22:17; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44796
8; 5710.7; 24-SEP-2010 14:25:31; Dark ; 46.0; 88; 31Eta CMA ; 2.45; 20000;occ; 92; 0;44796
9; 5796.5; 24-SEP-2010 14:26:57; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;44796
10; 5927.4; 24-SEP-2010 14:29:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44796
11; 6054.7; 24-SEP-2010 14:31:15; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;44797
12; 6201.5; 24-SEP-2010 14:33:42; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 0;44797
13; 6875.8; 24-SEP-2010 14:44:56; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44797
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1; 1544.4; 24-SEP-2010 14:56:41; Dark ; 52.0; 52; 16Bet Cet ; 2.04; 4500;occ; 104; 0;44797
2; 2167.1; 24-SEP-2010 15:07:03; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44797
3; 2979.8; 24-SEP-2010 15:20:36; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;44797
4; 3072.8; 24-SEP-2010 15:22:09; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;44797
5; 4498.5; 24-SEP-2010 15:45:55; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44797
6; 5079.8; 24-SEP-2010 15:55:36; Dark ; 71.5; 8; 10Alp CMI ; 0.40; 6500;occ; 143; 0;44797
7; 5517.2; 24-SEP-2010 16:02:54; Dark ; 46.0; 132; 15Rho Pup ; 2.80; 6900;occ; 92; 0;44797
8; 5711.6; 24-SEP-2010 16:06:08; Dark ; 44.5; 88; 31Eta CMA ; 2.45; 20000;occ; 89; 0;44797
9; 5797.6; 24-SEP-2010 16:07:34; Dark ; 60.0; 23; 21Eps CMA ; 1.50; 26000;occ; 120; 0;44797
10; 5928.2; 24-SEP-2010 16:09:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44797
11; 6055.4; 24-SEP-2010 16:11:52; Dark ; 44.0; 161; Tau Pup ; 2.93; 4500;occ; 88; 0;44798
12; 6203.1; 24-SEP-2010 16:14:19; Dark ; 54.5; 108; Alp Col ; 2.65; 15200;occ; 109; 0;44798
13; 6876.6; 24-SEP-2010 16:25:33; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44798
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100924_163717_000053832093_00155_44798_2525.N1
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2; 2167.0; 24-SEP-2010 16:47:39; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44798
3; 2390.4; 24-SEP-2010 16:51:23; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44798
4; 2979.2; 24-SEP-2010 17:01:12; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44798
5; 3072.2; 24-SEP-2010 17:02:45; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44798
6; 4498.5; 24-SEP-2010 17:26:31; Bright; 47.0; 24; 66Alp Gem ; 1.58; 10200;occ; 94; 0;44798
7; 5080.4; 24-SEP-2010 17:36:13; Dark ; 64.5; 8; 10Alp CMI ; 0.40; 6500;occ; 129; 0;44798
8; 5517.9; 24-SEP-2010 17:43:30; Dark ; 47.0; 132; 15Rho Pup ; 2.80; 6900;occ; 94; 0;44798
9; 5712.6; 24-SEP-2010 17:46:45; Dark ; 44.0; 88; 31Eta CMA ; 2.45; 20000;occ; 88; 0;44798
10; 5798.8; 24-SEP-2010 17:48:11; Dark ; 56.0; 23; 21Eps CMA ; 1.50; 26000;occ; 112; 0;44798
11; 5928.8; 24-SEP-2010 17:50:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44798
12; 6056.1; 24-SEP-2010 17:52:28; Dark ; 41.5; 161; Tau Pup ; 2.93; 4500;occ; 83; 0;44799
13; 6204.5; 24-SEP-2010 17:54:57; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 0;44799
14; 6877.4; 24-SEP-2010 18:06:10; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44799
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100924_181753_000053842093_00156_44799_2526.N1
1; 1544.7; 24-SEP-2010 18:17:53; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;44799
2; 2166.9; 24-SEP-2010 18:28:15; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44799
3; 2390.1; 24-SEP-2010 18:31:59; Bright; 37.0; 93; 53Bet Peg ; 2.52; 3100;occ; 74; 0;44799
4; 2978.8; 24-SEP-2010 18:41:47; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44799
5; 3071.7; 24-SEP-2010 18:43:20; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44799
6; 4498.7; 24-SEP-2010 19:07:07; Bright; 70.0; 24; 66Alp Gem ; 1.58; 10200;occ; 140; 0;44799
7; 5081.2; 24-SEP-2010 19:16:50; Dark ; 66.5; 8; 10Alp CMI ; 0.40; 6500;occ; 133; 0;44799
8; 5518.4; 24-SEP-2010 19:24:07; Dark ; 44.5; 132; 15Rho Pup ; 2.80; 6900;occ; 89; 0;44799
9; 5713.4; 24-SEP-2010 19:27:22; Dark ; 44.5; 88; 31Eta CMA ; 2.45; 20000;occ; 89; 0;44799
10; 5799.6; 24-SEP-2010 19:28:48; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;44799
11; 5929.4; 24-SEP-2010 19:30:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44799
12; 6056.7; 24-SEP-2010 19:33:05; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44800
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2; 2194.2; 28-SEP-2010 16:22:14; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44855
3; 2446.7; 28-SEP-2010 16:26:26; Bright; 40.5; 58; 21Alp And ; 2.07; 11000;occ; 81; 0;44855
4; 2687.9; 28-SEP-2010 16:30:28; Bright; 52.0; 53; 43Bet And ; 2.05; 3300;occ; 104; 0;44855
5; 2961.3; 28-SEP-2010 16:35:01; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;44855
6; 3046.8; 28-SEP-2010 16:36:26; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;44855
7; 4506.9; 28-SEP-2010 17:00:47; Bright; 53.5; 24; 66Alp Gem ; 1.58; 10200;occ; 107; 0;44855
8; 5128.1; 28-SEP-2010 17:11:08; Dark ; 65.0; 8; 10Alp CMi ; 0.40; 6500;occ; 130; 0;44855
9; 5558.0; 28-SEP-2010 17:18:18; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44855
10; 5766.1; 28-SEP-2010 17:21:46; Dark ; 47.5; 88; 31Eta CMA ; 2.45; 20000;occ; 95; 0;44855
11; 5863.0; 28-SEP-2010 17:23:23; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;44855
12; 5967.9; 28-SEP-2010 17:25:08; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44855
13; 6095.8; 28-SEP-2010 17:27:16; Dark ; 50.0; 161; Tau Pup ; 2.93; 4500;occ; 100; 0;44856
14; 6179.8; 28-SEP-2010 17:28:40; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 0;44856
15; 6287.4; 28-SEP-2010 17:30:27; Dark ; 51.0; 108; Alp Col ; 2.65; 15200;occ; 102; 0;44856
16; 6923.7; 28-SEP-2010 17:41:03; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44856
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3; 2446.4; 28-SEP-2010 18:07:02; Bright; 40.5; 58; 21Alp And ; 2.07; 11000;occ; 81; 0;44856
4; 2687.0; 28-SEP-2010 18:11:03; Bright; 48.5; 53; 43Bet And ; 2.05; 3300;occ; 97; 0;44856
5; 2960.8; 28-SEP-2010 18:15:37; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44856
6; 3046.3; 28-SEP-2010 18:17:02; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44856
7; 4507.1; 28-SEP-2010 18:41:23; Bright; 48.0; 24; 66Alp Gem ; 1.58; 10200;occ; 96; 0;44856
8; 5129.0; 28-SEP-2010 18:51:45; Dark ; 65.5; 8; 10Alp CMi ; 0.40; 6500;occ; 131; 0;44856
9; 5558.6; 28-SEP-2010 18:58:54; Dark ; 45.0; 132; 15Rho Pup ; 2.80; 6900;occ; 90; 0;44856
10; 5767.0; 28-SEP-2010 19:02:23; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;44856
11; 5864.1; 28-SEP-2010 19:04:00; Dark ; 58.5; 23; 21Eps CMA ; 1.50; 26000;occ; 117; 0;44856
12; 5968.6; 28-SEP-2010 19:05:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44856
13; 6096.7; 28-SEP-2010 19:07:52; Dark ; 42.0; 161; Tau Pup ; 2.93; 4500;occ; 84; 0;44857
14; 6180.6; 28-SEP-2010 19:09:16; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;44857
15; 6288.8; 28-SEP-2010 19:11:05; Dark ; 51.0; 108; Alp Col ; 2.65; 15200;occ; 102; 0;44857
16; 6924.7; 28-SEP-2010 19:21:40; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44857
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2; 2193.7; 28-SEP-2010 19:43:25; Bright; 41.0; 140; 88Gam Peg ; 2.83; 26000;occ; 82; 0;44857
3; 2445.9; 28-SEP-2010 19:47:38; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;44857
4; 2686.2; 28-SEP-2010 19:51:38; Bright; 51.5; 53; 43Bet And ; 2.05; 3300;occ; 103; 0;44857
5; 2960.7; 28-SEP-2010 19:56:12; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44857
6; 3045.9; 28-SEP-2010 19:57:38; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44857
7; 4507.2; 28-SEP-2010 20:21:59; Bright; 48.0; 24; 66Alp Gem ; 1.58; 10200;occ; 96; 0;44857
8; 5129.8; 28-SEP-2010 20:32:22; Dark ; 68.0; 8; 10Alp CMi ; 0.40; 6500;occ; 136; 0;44857
9; 5559.2; 28-SEP-2010 20:39:31; Dark ; 43.0; 132; 15Rho Pup ; 2.80; 6900;occ; 86; 0;44857
10; 5767.8; 28-SEP-2010 20:42:59; Dark ; 46.5; 88; 31Eta CMA ; 2.45; 20000;occ; 93; 0;44857
11; 5865.2; 28-SEP-2010 20:44:37; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;44857
12; 5969.3; 28-SEP-2010 20:46:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44857
13; 6097.4; 28-SEP-2010 20:48:29; Dark ; 42.0; 161; Tau Pup ; 2.93; 4500;occ; 84; 0;44858
14; 6181.3; 28-SEP-2010 20:49:53; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;44858
15; 6290.1; 28-SEP-2010 20:51:42; Dark ; 48.0; 108; Alp Col ; 2.65; 15200;occ; 96; 0;44858
16; 6925.2; 28-SEP-2010 21:02:17; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44858
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2; -168.2; 29-SEP-2010 00:05:51; Dark ; 54.5; 23; 21Eps CMA ; 1.50; 26000;occ; 109; 0;44859
3; -65.2; 29-SEP-2010 00:07:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44859
4; 62.8; 29-SEP-2010 00:09:42; Dark ; 44.0; 161; Tau Pup ; 2.93; 4500;occ; 88; 0;44860
5; 146.9; 29-SEP-2010 00:11:06; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;44860
6; 257.3; 29-SEP-2010 00:12:57; Dark ; 46.0; 108; Alp Col ; 2.65; 15200;occ; 92; 0;44860
7; 890.8; 29-SEP-2010 00:23:30; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44860
8; 1553.0; 29-SEP-2010 00:34:32; Dark ; 50.5; 52; 16Bet Cet ; 2.04; 4500;occ; 101; 0;44860
9; 2192.8; 29-SEP-2010 00:45:12; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44860
10; 2444.8; 29-SEP-2010 00:49:24; Bright; 41.5; 58; 21Alp And ; 2.07; 11000;occ; 83; 0;44860
11; 2683.8; 29-SEP-2010 00:53:23; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44860
12; 2959.9; 29-SEP-2010 00:57:59; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;44860
13; 3044.8; 29-SEP-2010 00:59:24; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44860
14; 4507.5; 29-SEP-2010 01:23:47; Bright; 33.0; 24; 66Alp Gem ; 1.58; 10200;occ; 66; 0;44860
15; 5132.5; 29-SEP-2010 01:34:12; Dark ; 52.5; 8; 10Alp CMi ; 0.40; 6500;occ; 105; 0;44860

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3; -167.0; 29-SEP-2010 01:46:28; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;44860
4; -64.5; 29-SEP-2010 01:48:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44860
5; 63.8; 29-SEP-2010 01:50:19; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44861
6; 147.6; 29-SEP-2010 01:51:43; Dark ; 45.5; 2; Alp Car ;-0.74; 7000;occ; 91; 0;44861
7; 258.7; 29-SEP-2010 01:53:34; Dark ; 46.0; 108; Alp Col ; 2.65; 15200;occ; 92; 0;44861
8; 891.8; 29-SEP-2010 02:04:07; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44861
9; 1553.1; 29-SEP-2010 02:15:08; Dark ; 50.0; 52; 16Bet Cet ; 2.04; 4500;occ; 100; 0;44861
10; 2192.7; 29-SEP-2010 02:25:48; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;44861
11; 2444.5; 29-SEP-2010 02:30:00; Bright; 42.0; 58; 21Alp And ; 2.07; 11000;occ; 84; 0;44861
12; 2683.1; 29-SEP-2010 02:33:58; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44861
13; 2959.4; 29-SEP-2010 02:38:35; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44861
14; 3044.3; 29-SEP-2010 02:39:59; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;44861

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3; -473.5; 29-SEP-2010 03:21:58; Dark ; 47.0; 132; 15Rho Pup ; 2.80; 6900;occ; 94; 0;44861
4; -264.0; 29-SEP-2010 03:25:27; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;44861
5; -165.7; 29-SEP-2010 03:27:05; Dark ; 51.5; 23; 21Eps CMA ; 1.50; 26000;occ; 103; 0;44861
6; -63.8; 29-SEP-2010 03:28:47; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44861
7; 64.5; 29-SEP-2010 03:30:56; Dark ; 45.0; 161; Tau Pup ; 2.93; 4500;occ; 90; 0;44862
8; 148.3; 29-SEP-2010 03:32:19; Dark ; 55.5; 2; Alp Car ;-0.74; 7000;occ; 111; 0;44862
9; 260.2; 29-SEP-2010 03:34:11; Dark ; 43.0; 108; Alp Col ; 2.65; 15200;occ; 86; 0;44862
10; 892.4; 29-SEP-2010 03:44:44; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44862
11; 1553.2; 29-SEP-2010 03:55:44; Dark ; 49.5; 52; 16Bet Cet ; 2.04; 4500;occ; 99; 0;44862
12; 2192.4; 29-SEP-2010 04:06:24; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44862
13; 2444.4; 29-SEP-2010 04:10:36; Bright; 40.5; 58; 21Alp And ; 2.07; 11000;occ; 81; 0;44862
14; 2682.5; 29-SEP-2010 04:14:34; Bright; 49.5; 53; 43Bet And ; 2.05; 3300;occ; 99; 0;44862
15; 2959.3; 29-SEP-2010 04:19:10; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44862
16; 3044.0; 29-SEP-2010 04:20:35; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44862

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3; -901.4; 29-SEP-2010 04:55:26; Dark ; 44.0; 8; 10Alp CMI ; 0.40; 6500;occ; 88; 0;44862
4; -472.9; 29-SEP-2010 05:02:34; Dark ; 45.5; 132; 15Rho Pup ; 2.80; 6900;occ; 91; 0;44862
5; -262.9; 29-SEP-2010 05:06:04; Dark ; 46.5; 88; 31Eta CMA ; 2.45; 20000;occ; 93; 0;44862
6; -164.5; 29-SEP-2010 05:07:43; Dark ; 53.0; 23; 21Eps CMA ; 1.50; 26000;occ; 106; 0;44862
7; -63.1; 29-SEP-2010 05:09:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44862
8; 65.1; 29-SEP-2010 05:11:32; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44863
9; 149.0; 29-SEP-2010 05:12:56; Dark ; 55.5; 2; Alp Car ;-0.74; 7000;occ; 111; 0;44863
10; 261.8; 29-SEP-2010 05:14:49; Dark ; 43.0; 108; Alp Col ; 2.65; 15200;occ; 86; 0;44863
11; 893.2; 29-SEP-2010 05:25:20; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44863
12; 1553.4; 29-SEP-2010 05:36:20; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;44863
13; 2192.0; 29-SEP-2010 05:46:59; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44863
14; 2444.1; 29-SEP-2010 05:51:11; Bright; 39.5; 58; 21Alp And ; 2.07; 11000;occ; 79; 0;44863
15; 2681.7; 29-SEP-2010 05:55:09; Bright; 51.0; 53; 43Bet And ; 2.05; 3300;occ; 102; 0;44863
16; 2959.0; 29-SEP-2010 05:59:46; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44863
17; 3043.6; 29-SEP-2010 06:01:11; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;44863

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2; 2190.0; 29-SEP-2010 20:52:20; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44872
3; 2441.2; 29-SEP-2010 20:56:32; Bright; 40.5; 58; 21Alp And ; 2.07; 11000;occ; 81; 0;44872
4; 2674.7; 29-SEP-2010 21:00:25; Bright; 50.5; 53; 43Bet And ; 2.05; 3300;occ; 101; 0;44872
5; 2956.5; 29-SEP-2010 21:05:07; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;44872
6; 3039.7; 29-SEP-2010 21:06:30; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;44872
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3; -900.4; 29-SEP-2010 06:36:03; Dark ; 44.0; 8; 10Alp CMI ; 0.40; 6500;occ; 88; 0;44863
4; -472.0; 29-SEP-2010 06:43:11; Dark ; 46.0; 132; 15Rho Pup ; 2.80; 6900;occ; 92; 0;44863
5; -261.9; 29-SEP-2010 06:46:41; Dark ; 52.0; 88; 31Eta CMA ; 2.45; 20000;occ; 104; 0;44863
6; -163.4; 29-SEP-2010 06:48:20; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;44863
7; -62.3; 29-SEP-2010 06:50:01; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44863
8; 65.8; 29-SEP-2010 06:52:09; Dark ; 45.0; 161; Tau Pup ; 2.93; 4500;occ; 90; 0;44864
9; 149.7; 29-SEP-2010 06:53:33; Dark ; 58.5; 2; Alp Car ;-0.74; 7000;occ; 117; 0;44864

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11; 893.8; 29-SEP-2010 07:05:57; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44864
12; 1553.5; 29-SEP-2010 07:16:57; Dark ; 54.0; 52; 16Bet Cet ; 2.04; 4500;occ; 108; 0;44864
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3; 2681.0; 29-SEP-2010 07:35:44; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44864
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5; 3043.1; 29-SEP-2010 07:41:46; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44864
6; 4594.0; 29-SEP-2010 08:07:37; Bright; 56.0; 17; 78Bet Gem ; 1.16; 4500;occ; 112; 0;44864
7; 5136.4; 29-SEP-2010 08:16:40; Dark ; 36.0; 8; 10Alp CMi ; 0.40; 6500;occ; 72; 0;44864
8; 5564.6; 29-SEP-2010 08:23:48; Dark ; 45.0; 132; 15Rho Pup ; 2.80; 6900;occ; 90; 0;44864
9; 5775.1; 29-SEP-2010 08:27:18; Dark ; 48.0; 88; 31Eta CMA ; 2.45; 20000;occ; 96; 0;44864
10; 5873.9; 29-SEP-2010 08:28:57; Dark ; 57.0; 23; 21Eps CMA ; 1.50; 26000;occ; 114; 0;44864
11; 5974.3; 29-SEP-2010 08:30:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44864
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13; 6186.5; 29-SEP-2010 08:34:10; Dark ; 58.5; 2; Alp Car ; -0.74; 7000;occ; 117; 0;44865
14; 6300.5; 29-SEP-2010 08:36:04; Dark ; 41.0; 108; Alp Col ; 2.65; 15200;occ; 82; 0;44865
15; 6930.8; 29-SEP-2010 08:46:34; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44865
16; 7589.6; 29-SEP-2010 08:57:33; Dark ; 52.5; 52; 16Bet Cet ; 2.04; 4500;occ; 105; 0;44865
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6; 4594.3; 29-SEP-2010 09:48:13; Bright; 57.0; 17; 78Bet Gem ; 1.16; 4500;occ; 114; 0;44865
7; 5137.3; 29-SEP-2010 09:57:16; Dark ; 36.0; 8; 10Alp CMi ; 0.40; 6500;occ; 72; 0;44865
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10; 7591.3; 30-SEP-2010 05:04:45; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44877
11; 8224.9; 30-SEP-2010 05:15:19; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;44877
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7; 904.6; 30-SEP-2010 06:34:30; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44878
8; 1555.6; 30-SEP-2010 06:45:21; Dark ; 52.0; 52; 16Bet Cet ; 2.04; 4500;occ; 104; 0;44878
9; 2188.5; 30-SEP-2010 06:55:54; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;44878
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3; 2436.6; 30-SEP-2010 20:24:50; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;44886
4; 2664.5; 30-SEP-2010 20:28:38; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44886
5; 2952.7; 30-SEP-2010 20:33:26; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44886
6; 3033.8; 30-SEP-2010 20:34:47; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;44886
7; 4511.6; 30-SEP-2010 20:59:25; Bright; 46.0; 24; 66Alp Gem ; 1.58; 10200;occ; 92; 0;44886
8; 4599.6; 30-SEP-2010 21:00:53; Bright; 63.5; 17; 78Bet Gem ; 1.16; 4500;occ; 127; 0;44886
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6; 297.6; 30-SEP-2010 21:29:47; Dark ; 58.0; 108; Alp Col ; 2.65; 15200;occ; 116; 0;44887
7; 911.4; 30-SEP-2010 21:40:01; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44887
8; 1556.4; 30-SEP-2010 21:50:46; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;44887
9; 2186.4; 30-SEP-2010 22:01:16; Bright; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;44887
10; 2436.3; 30-SEP-2010 22:05:26; Bright; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;44887
11; 2663.7; 30-SEP-2010 22:09:13; Bright; 45.5; 53; 43Bet And ; 2.05; 3300;occ; 91; 0;44887
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15; 4599.8; 30-SEP-2010 22:41:29; Bright; 59.0; 17; 78Bet Gem ; 1.16; 4500;occ; 118; 0;44887
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5; 299.1; 30-SEP-2010 23:10:24; Dark ; 58.0; 108; Alp Col ; 2.65; 15200;occ; 116; 0;44888
6; 912.0; 30-SEP-2010 23:20:37; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44888
7; 1556.5; 30-SEP-2010 23:31:22; Dark ; 56.0; 52; 16Bet Cet ; 2.04; 4500;occ; 112; 0;44888
8; 2185.9; 30-SEP-2010 23:41:51; Bright; 41.0; 140; 88Gam Peg ; 2.83; 26000;occ; 82; 0;44888
9; 2436.0; 30-SEP-2010 23:46:01; Bright; 40.0; 58; 21Alp And ; 2.07; 11000;occ; 80; 0;44888
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11; 2952.1; 30-SEP-2010 23:54:37; Bright; 36.0; 74; 11Bet Cas ; 2.27; 6600;occ; 72; 0;44888
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13; 4511.8; 01-OCT-2010 00:20:37; Bright; 39.0; 24; 66Alp Gem ; 1.58; 10200;occ; 78; 0;44888
14; 4600.1; 01-OCT-2010 00:22:05; Bright; 77.0; 17; 78Bet Gem ; 1.16; 4500;occ; 154; 0;44888
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4; -131.7; 30-SEP-2010 07:57:50; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;44878
5; -51.5; 30-SEP-2010 07:59:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44878
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2; 287.2; 30-SEP-2010 09:45:25; Dark ; 59.0; 108; Alp Col ; 2.65; 15200;occ; 118; 0;44880
3; 906.2; 30-SEP-2010 09:55:44; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44880
4; 1556.0; 30-SEP-2010 10:06:34; Dark ; 49.5; 52; 16Bet Cet ; 2.04; 4500;occ; 99; 0;44880
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5; 3036.1; 30-SEP-2010 12:11:50; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44881
6; 4510.9; 30-SEP-2010 12:36:24; Bright; 57.5; 24; 66Alp Gem ; 1.58; 10200;occ; 115; 0;44881
7; 4598.3; 30-SEP-2010 12:37:52; Bright; 59.0; 17; 78Bet Gem ; 1.16; 4500;occ; 118; 0;44881
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9; 5577.9; 30-SEP-2010 12:54:12; Dark ; 46.5; 132; 15Rho Pup ; 2.80; 6900;occ; 93; 0;44881
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3; 2437.9; 30-SEP-2010 13:42:27; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;44882
4; 2667.4; 30-SEP-2010 13:46:17; Bright; 50.0; 53; 43Bet And ; 2.05; 3300;occ; 100; 0;44882
5; 2953.9; 30-SEP-2010 13:51:03; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44882
6; 3035.6; 30-SEP-2010 13:52:25; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;44882
7; 4511.0; 30-SEP-2010 14:17:00; Bright; 55.5; 24; 66Alp Gem ; 1.58; 10200;occ; 111; 0;44882
8; 4598.6; 30-SEP-2010 14:18:28; Bright; 69.5; 17; 78Bet Gem ; 1.16; 4500;occ; 139; 0;44882
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4; 2666.8; 30-SEP-2010 15:26:52; Bright; 49.5; 53; 43Bet And ; 2.05; 3300;occ; 99; 0;44883
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6; 3035.4; 30-SEP-2010 15:33:01; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;44883
7; 4511.2; 30-SEP-2010 15:57:37; Bright; 58.0; 24; 66Alp Gem ; 1.58; 10200;occ; 116; 0;44883
8; 4598.8; 30-SEP-2010 15:59:04; Bright; 65.5; 17; 78Bet Gem ; 1.16; 4500;occ; 131; 0;44883
9; 5154.9; 30-SEP-2010 16:08:20; Dark ; 62.0; 8; 10Alp CMi ; 0.40; 6500;occ; 124; 0;44883
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12; 5988.2; 30-SEP-2010 16:22:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44883
13; 6200.8; 30-SEP-2010 16:25:46; Dark ; 44.5; 2; Alp Car ; -0.74; 7000;occ; 89; 0;44884
14; 6329.2; 30-SEP-2010 16:27:55; Dark ; 60.0; 108; Alp Col ; 2.65; 15200;occ; 120; 0;44884
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3; 2437.4; 30-SEP-2010 17:03:39; Bright; 41.5; 58; 21Alp And ; 2.07; 11000;occ; 83; 0;44884
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5; 2953.3; 30-SEP-2010 17:12:15; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44884
6; 3034.9; 30-SEP-2010 17:13:36; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;44884
7; 4511.5; 30-SEP-2010 17:38:13; Bright; 53.0; 24; 66Alp Gem ; 1.58; 10200;occ; 106; 0;44884
8; 4599.2; 30-SEP-2010 17:39:41; Bright; 57.5; 17; 78Bet Gem ; 1.16; 4500;occ; 115; 0;44884
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13; 6201.4; 30-SEP-2010 18:06:23; Dark ; 46.0; 2; Alp Car ; -0.74; 7000;occ; 92; 0;44885
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2; 2186.8; 30-SEP-2010 18:40:04; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;44885
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4; 2665.2; 30-SEP-2010 18:48:03; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44885
5; 2952.9; 30-SEP-2010 18:52:50; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44885

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8;	4599.5;	30-SEP-2010	19:20:17;	Bright;	62.5;	17;	78Bet Gem	;	1.16;	4500;occ;	125;	0;44885	
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