

GOMOS Daily Report 08-MAY-2011

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	11MAY2011 07:05:30
Data source version	GOMOS/5.01
Start time of products	08MAY2011 00:04:49
Stop time of products	08MAY2011 23:58:20
Store outputs in DB	Yes
Nb of level 1b prods	285
Nb of prods with errors	2

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

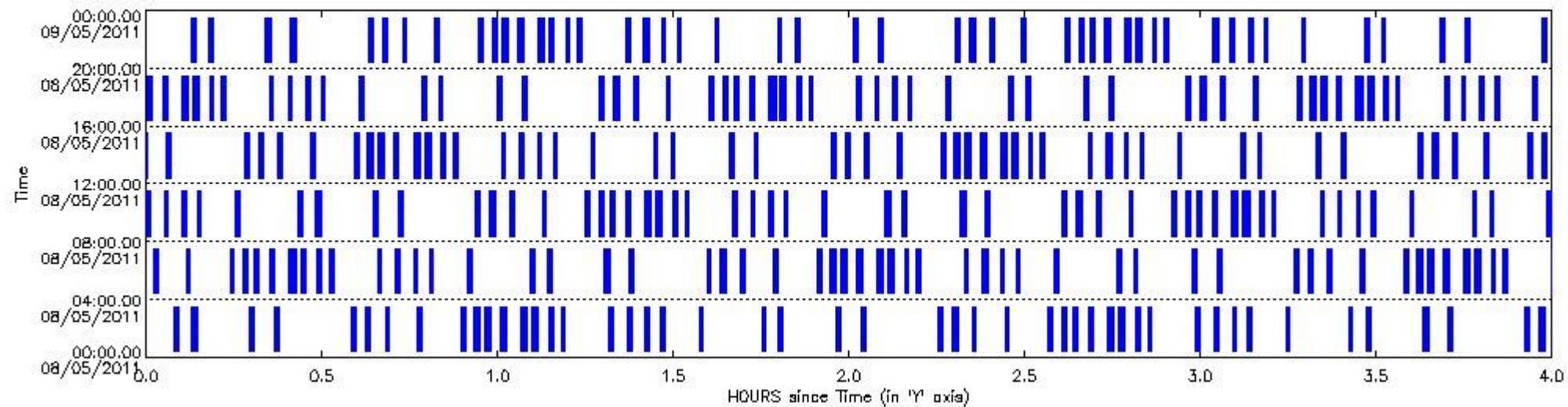
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110508_000449_000000433102_00174_48033_1274.N1	08-MAY-2011 00:04:49	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	48033	No
2	GOM_TRA_1PNPDE20110508_000743_000000543102_00174_48033_1275.N1	08-MAY-2011 00:07:43	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	48033	No
3	GOM_TRA_1PNPDE20110508_001732_000000543102_00174_48033_1276.N1	08-MAY-2011 00:17:32	Twilight_and_stray	53.500	93	53Bet Peg	2.5200	3100.0	107	48033	No
4	GOM_TRA_1PNPDE20110508_002147_000000473102_00174_48033_1277.N1	08-MAY-2011 00:21:47	Dark	46.500	90	54Alp Peg	2.4870	11000.	93	48033	No
5	GOM_TRA_1PNPDE20110508_003455_000000463102_00174_48033_1293.N1	08-MAY-2011 00:34:55	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	48033	No
6	GOM_TRA_1PNPDE20110508_004045_000000453102_00174_48033_1294.N1	08-MAY-2011 00:40:45	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48033	No
7	GOM_TRA_1PNPDE20110508_004619_000000423102_00175_48034_1295.N1	08-MAY-2011 00:46:19	Dark	42.000	45	Alp Pav	1.9400	26000.	84	48034	No
8	GOM_TRA_1PNPDE20110508_005345_000000423102_00175_48034_1296.N1	08-MAY-2011 00:53:45	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	48034	No
9	GOM_TRA_1PNPDE20110508_005600_000000563102_00175_48034_1297.N1	08-MAY-2011 00:56:00	Straylight	55.500	40	The Sco	1.8590	7100.0	111	48034	No
10	GOM_TRA_1PNPDE20110508_005750_000000563102_00175_48034_1298.N1	08-MAY-2011 00:57:50	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	48034	No
11	GOM_TRA_1PNPDE20110508_010032_000000553102_00175_48034_1299.N1	08-MAY-2011 01:00:32	Straylight	54.500	75	26Eps Sco	2.2910	4250.0	109	48034	No
12	GOM_TRA_1PNPDE20110508_010354_000000603102_00175_48034_1300.N1	08-MAY-2011 01:03:54	Twilight_and_stray	59.500	16	21Alp Sco	1.0200	3000.0	119	48034	No

13	GOM_TRA_1PNPDE20110508_010551_000000643102_00175_48034_1301.N1	08-MAY-2011 01:05:51	Bright	63.500	80	7Del Sco	2.3160	30000.	127	48034	No
14	GOM_TRA_1PNPDE20110508_010843_000000423102_00175_48034_1302.N1	08-MAY-2011 01:08:43	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	48034	No
15	GOM_TRA_1PNPDE20110508_011045_000000433102_00175_48034_1303.N1	08-MAY-2011 01:10:45	Bright	43.000	104	27Bet Lib	2.6140	13100.	86	48034	No
16	GOM_TRA_1PNPDE20110508_011900_000000363102_00175_48034_1304.N1	08-MAY-2011 01:19:00	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	48034	No
17	GOM_TRA_1PNPDE20110508_012207_000000433102_00175_48034_1305.N1	08-MAY-2011 01:22:07	Bright	43.000	83		2.3780	11000.	86	48034	No
18	GOM_TRA_1PNPDE20110508_012512_000000393102_00175_48034_1306.N1	08-MAY-2011 01:25:12	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	48034	No
19	GOM_TRA_1PNPDE20110508_012748_000000383102_00175_48034_1307.N1	08-MAY-2011 01:27:48	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	48034	No
20	GOM_TRA_1PNPDE20110508_013420_000000443102_00175_48034_1308.N1	08-MAY-2011 01:34:20	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	48034	No
21	GOM_TRA_1PNPDE20110508_014503_000000433102_00175_48034_1309.N1	08-MAY-2011 01:45:03	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	48034	No
22	GOM_TRA_1PNPDE20110508_014757_000000363102_00175_48034_1310.N1	08-MAY-2011 01:47:57	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	48034	No
23	GOM_TRA_1PNPDE20110508_015746_000000563102_00175_48034_1311.N1	08-MAY-2011 01:57:46	Tw_i_and_stray	56.000	93	53Bet Peg	2.5200	3100.0	112	48034	No
24	GOM_TRA_1PNPDE20110508_020201_000000493102_00175_48034_1312.N1	08-MAY-2011 02:02:01	Dark	48.500	90	54Alp Peg	2.4870	11000.	97	48034	No
25	GOM_TRA_1PNPDE20110508_021510_000000453102_00175_48034_1321.N1	08-MAY-2011 02:15:10	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	48034	No
26	GOM_TRA_1PNPDE20110508_022059_000000423102_00175_48034_1322.N1	08-MAY-2011 02:20:59	Dark	42.000	31	Alp Gru	1.7340	15200.	84	48034	No
27	GOM_TRA_1PNPDE20110508_022633_000000433102_00176_48035_1323.N1	08-MAY-2011 02:26:33	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48035	No
28	GOM_TRA_1PNPDE20110508_023400_000000423102_00176_48035_1324.N1	08-MAY-2011 02:34:00	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	48035	No
29	GOM_TRA_1PNPDE20110508_023615_000000603102_00176_48035_1325.N1	08-MAY-2011 02:36:15	Straylight	59.500	40	The Sco	1.8590	7100.0	119	48035	No
30	GOM_TRA_1PNPDE20110508_023805_000000563102_00176_48035_1326.N1	08-MAY-2011 02:38:05	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	48035	No
31	GOM_TRA_1PNPDE20110508_024046_000000603102_00176_48035_1327.N1	08-MAY-2011 02:40:46	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	48035	No
32	GOM_TRA_1PNPDE20110508_024409_000000643102_00176_48035_1328.N1	08-MAY-2011 02:44:09	Tw_i_and_stray	63.500	16	21Alp Sco	1.0200	3000.0	127	48035	No
33	GOM_TRA_1PNPDE20110508_024605_000000553102_00176_48035_1329.N1	08-MAY-2011 02:46:05	Bright	55.000	80	7Del Sco	2.3160	30000.	110	48035	No
34	GOM_TRA_1PNPDE20110508_024857_000000413102_00176_48035_1330.N1	08-MAY-2011 02:48:57	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	48035	No
35	GOM_TRA_1PNPDE20110508_025059_000000443102_00176_48035_1331.N1	08-MAY-2011 02:50:59	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	48035	No
36	GOM_TRA_1PNPDE20110508_025914_000000373102_00176_48035_1332.N1	08-MAY-2011 02:59:14	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	48035	No
37	GOM_TRA_1PNPDE20110508_030220_000000413102_00176_48035_1333.N1	08-MAY-2011 03:02:20	Bright	41.000	83		2.3780	11000.	82	48035	No
38	GOM_TRA_1PNPDE20110508_030525_000000383102_00176_48035_1334.N1	08-MAY-2011 03:05:25	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	48035	No
39	GOM_TRA_1PNPDE20110508_030802_000000363102_00176_48035_1335.N1	08-MAY-2011 03:08:02	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	48035	No
40	GOM_TRA_1PNPDE20110508_031433_000000403102_00176_48035_1336.N1	08-MAY-2011 03:14:33	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48035	No
41	GOM_TRA_1PNPDE20110508_032517_000000443102_00176_48035_1344.N1	08-MAY-2011 03:25:17	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48035	No
42	GOM_TRA_1PNPDE20110508_032811_000000503102_00176_48035_1345.N1	08-MAY-2011 03:28:11	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	48035	No
43	GOM_TRA_1PNPDE20110508_033800_000000583102_00176_48035_1346.N1	08-MAY-2011 03:38:00	Tw_i_and_stray	58.000	93	53Bet Peg	2.5200	3100.0	116	48035	No
44	GOM_TRA_1PNPDE20110508_034215_000000493102_00176_48035_1347.N1	08-MAY-2011 03:42:15	Dark	49.000	90	54Alp Peg	2.4870	11000.	98	48035	No
45	GOM_TRA_1PNPDE20110508_035525_000000503102_00176_48035_1348.N1	08-MAY-2011 03:55:25	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	48035	No
46	GOM_TRA_1PNPDE20110508_040114_000000493102_00176_48035_1349.N1	08-MAY-2011 04:01:14	Dark	48.500	31	Alp Gru	1.7340	15200.	97	48035	No
47	GOM_TRA_1PNPDE20110508_040648_000000423102_00177_48036_1350.N1	08-MAY-2011 04:06:48	Dark	42.000	45	Alp Pav	1.9400	26000.	84	48036	No
48	GOM_TRA_1PNPDE20110508_041415_000000443102_00177_48036_1351.N1	08-MAY-2011 04:14:15	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	48036	No
49	GOM_TRA_1PNPDE20110508_041630_000000543102_00177_48036_1352.N1	08-MAY-2011 04:16:30	Straylight	54.000	40	The Sco	1.8590	7100.0	108	48036	No
50	GOM_TRA_1PNPDE20110508_041820_000000583102_00177_48036_1353.N1	08-MAY-2011 04:18:20	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	48036	No
51	GOM_TRA_1PNPDE20110508_042101_000000573102_00177_48036_1354.N1	08-MAY-2011 04:21:01	Straylight	57.000	75	26Eps Sco	2.2910	4250.0	114	48036	No
52	GOM_TRA_1PNPDE20110508_042423_000000723102_00177_48036_1355.N1	08-MAY-2011 04:24:23	Tw_i_and_stray	72.000	16	21Alp Sco	1.0200	3000.0	144	48036	No
53	GOM_TRA_1PNPDE20110508_042619_000000553102_00177_48036_1356.N1	08-MAY-2011 04:26:19	Bright	54.500	80	7Del Sco	2.3160	30000.	109	48036	No
54	GOM_TRA_1PNPDE20110508_042912_000000413102_00177_48036_1357.N1	08-MAY-2011 04:29:12	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	48036	No
55	GOM_TRA_1PNPDE20110508_043113_000000443102_00177_48036_1358.N1	08-MAY-2011 04:31:13	Bright	43.500	104	27Bet Lib	2.6140	13100.	87	48036	No
56	GOM_TRA_1PNPDE20110508_043928_000000363102_00177_48036_1359.N1	08-MAY-2011 04:39:28	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	48036	No
57	GOM_TRA_1PNPDE20110508_044234_000000433102_00177_48036_1360.N1	08-MAY-2011 04:42:34	Bright	43.000	83		2.3780	11000.	86	48036	No
58	GOM_TRA_1PNPDE20110508_044539_000000403102_00177_48036_1361.N1	08-MAY-2011 04:45:39	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	48036	No
59	GOM_TRA_1PNPDE20110508_044816_000000433102_00177_48036_1362.N1	08-MAY-2011 04:48:16	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	48036	No
60	GOM_TRA_1PNPDE20110508_045447_000000433102_00177_48036_1363.N1	08-MAY-2011 04:54:47	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	48036	No
61	GOM_TRA_1PNPDE20110508_050530_000000443102_00177_48036_1370.N1	08-MAY-2011 05:05:30	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48036	No
62	GOM_TRA_1PNPDE20110508_050825_000000453102_00177_48036_1371.N1	08-MAY-2011 05:08:25	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	48036	No
63	GOM_TRA_1PNPDE20110508_051814_000000543102_00177_48036_1372.N1	08-MAY-2011 05:18:14	Tw_i_and_stray	53.500	93	53Bet Peg	2.5200	3100.0	107	48036	No
64	GOM_TRA_1PNPDE20110508_052230_000000483102_00177_48036_1373.N1	08-MAY-2011 05:22:30	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	48036	No
65	GOM_TRA_1PNPDE20110508_053539_000000473102_00177_48036_1374.N1	08-MAY-2011 05:35:39	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	48036	No
66	GOM_TRA_1PNPDE20110508_054129_000000443102_00177_48036_1375.N1	08-MAY-2011 05:41:29	Dark	43.500	31	Alp Gru	1.7340	15200.	87	48036	No
67	GOM_TRA_1PNPDE20110508_054703_000000413102_00178_48037_1376.N1	08-MAY-2011 05:47:03	Dark	41.000	45	Alp Pav	1.9400	26000.	82	48037	No
68	GOM_TRA_1PNPDE20110508_055429_000000463102_00178_48037_1377.N1	08-MAY-2011 05:54:29	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	48037	No
69	GOM_TRA_1PNPDE20110508_055645_000000573102_00178_48037_1378.N1	08-MAY-2011 05:56:45	Straylight	57.000	40	The Sco	1.8590	7100.0	114	48037	No
70	GOM_TRA_1PNPDE20110508_055834_000000573102_00178_48037_1379.N1	08-MAY-2011 05:58:34	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	48037	No
71	GOM_TRA_1PNPDE20110508_060116_000000583102_00178_48037_1380.N1	08-MAY-2011 06:01:16	Straylight	58.000	75	26Eps Sco	2.2910	4250.0	116	48037	No

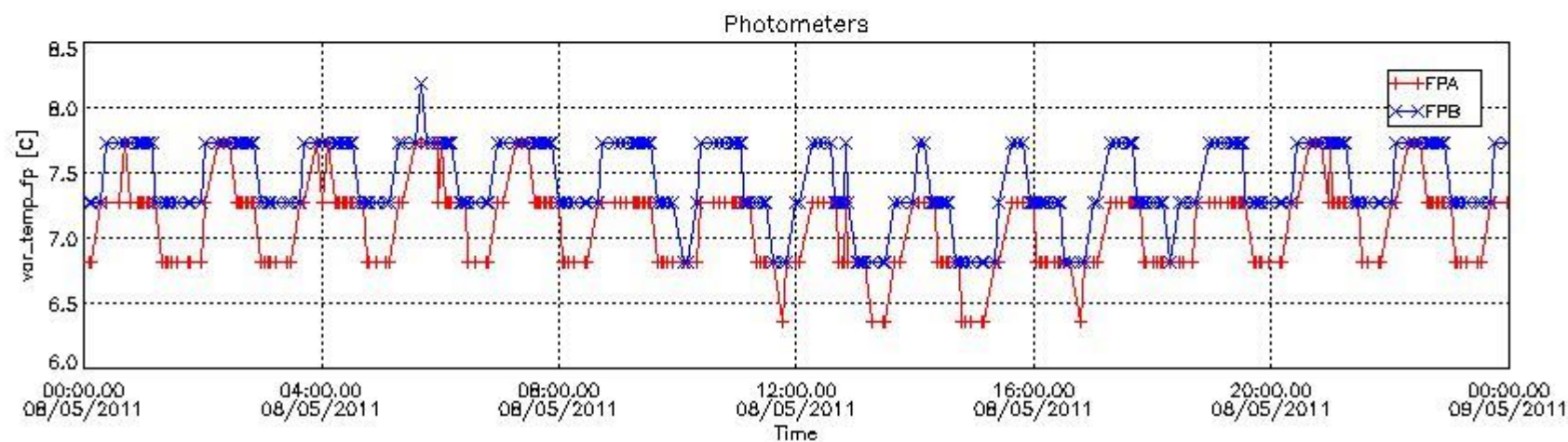
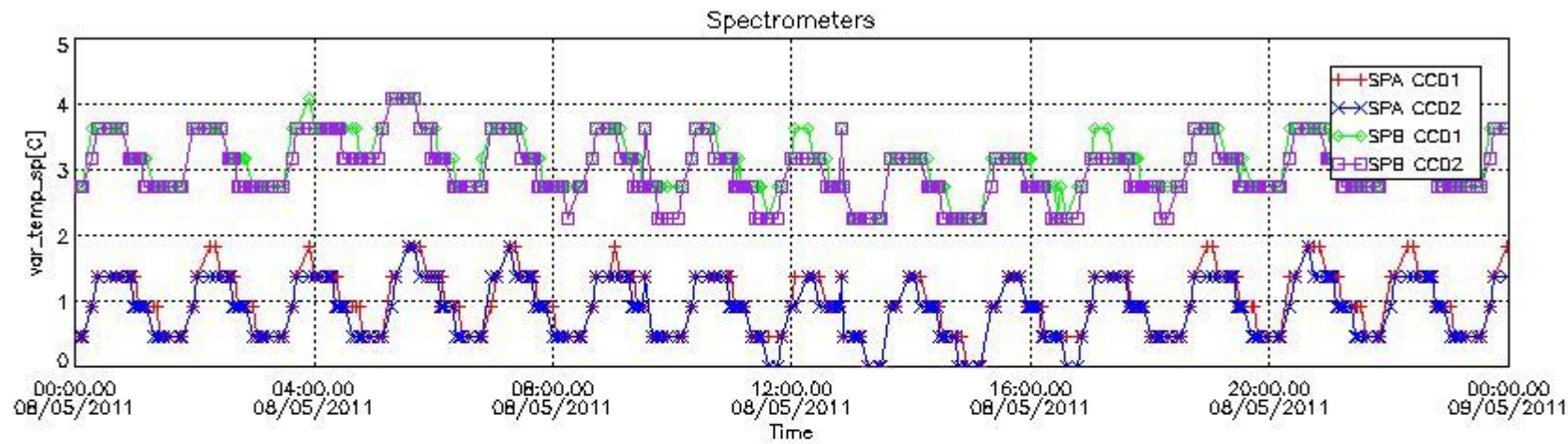
72	GOM_TRA_1PNPDE20110508_060438_000000653102_00178_48037_1381.N1	08-MAY-2011 06:04:38	Twilight	65.000	16	21Alp Sco	1.0200	3000.0	130	48037	No
73	GOM_TRA_1PNPDE20110508_060634_000000673102_00178_48037_1382.N1	08-MAY-2011 06:06:34	Bright	67.000	80	7Del Sco	2.3160	30000.	134	48037	No
74	GOM_TRA_1PNPDE20110508_060926_000000423102_00178_48037_1383.N1	08-MAY-2011 06:09:26	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	48037	No
75	GOM_TRA_1PNPDE20110508_061127_000000443102_00178_48037_1384.N1	08-MAY-2011 06:11:27	Bright	43.500	104	27Bet Lib	2.6140	13100.	87	48037	No
76	GOM_TRA_1PNPDE20110508_061942_000000373102_00178_48037_1385.N1	08-MAY-2011 06:19:42	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	48037	No
77	GOM_TRA_1PNPDE20110508_062248_000000603102_00178_48037_1386.N1	08-MAY-2011 06:22:48	Bright	60.000	83		2.3780	11000.	120	48037	No
78	GOM_TRA_1PNPDE20110508_062553_000000373102_00178_48037_1387.N1	08-MAY-2011 06:25:53	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	48037	No
79	GOM_TRA_1PNPDE20110508_062830_000000373102_00178_48037_1388.N1	08-MAY-2011 06:28:30	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	48037	No
80	GOM_TRA_1PNPDE20110508_063500_000000433102_00178_48037_1389.N1	08-MAY-2011 06:35:00	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	48037	No
81	GOM_TRA_1PNPDK20110508_064544_000000443102_00178_48037_4298.N1	08-MAY-2011 06:45:44	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48037	No
82	GOM_TRA_1PNPDK20110508_064839_000000353102_00178_48037_4299.N1	08-MAY-2011 06:48:39	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	48037	No
83	GOM_TRA_1PNPDK20110508_065829_000000603102_00178_48037_4300.N1	08-MAY-2011 06:58:29	Twilight	60.000	93	53Bet Peg	2.5200	3100.0	120	48037	No
84	GOM_TRA_1PNPDK20110508_070244_000000493102_00178_48037_4301.N1	08-MAY-2011 07:02:44	Dark	48.500	90	54Alp Peg	2.4870	11000.	97	48037	No
85	GOM_TRA_1PNPDK20110508_071554_000000493102_00178_48037_4302.N1	08-MAY-2011 07:15:54	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	48037	No
86	GOM_TRA_1PNPDK20110508_072144_000000403102_00178_48037_4303.N1	08-MAY-2011 07:21:44	Dark	40.000	31	Alp Gru	1.7340	15200.	80	48037	No
87	GOM_TRA_1PNPDK20110508_072718_000000413102_00179_48038_4304.N1	08-MAY-2011 07:27:18	Dark	41.000	45	Alp Pav	1.9400	26000.	82	48038	No
88	GOM_TRA_1PNPDK20110508_073444_000000493102_00179_48038_4305.N1	08-MAY-2011 07:34:44	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	48038	No
89	GOM_TRA_1PNPDK20110508_073659_000000523102_00179_48038_4306.N1	08-MAY-2011 07:36:59	Straylight	52.000	40	The Sco	1.8590	7100.0	104	48038	No
90	GOM_TRA_1PNPDK20110508_073850_000000583102_00179_48038_4307.N1	08-MAY-2011 07:38:50	Straylight	58.000	25	35Lam Sco	1.6200	28000.	116	48038	No
91	GOM_TRA_1PNPDK20110508_074130_000000603102_00179_48038_4308.N1	08-MAY-2011 07:41:30	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	48038	No
92	GOM_TRA_1PNPDK20110508_074452_000000683102_00179_48038_4309.N1	08-MAY-2011 07:44:52	Twilight	68.000	16	21Alp Sco	1.0200	3000.0	136	48038	No
93	GOM_TRA_1PNPDK20110508_074648_000000673102_00179_48038_4310.N1	08-MAY-2011 07:46:48	Bright	67.000	80	7Del Sco	2.3160	30000.	134	48038	No
94	GOM_TRA_1PNPDK20110508_074940_000000413102_00179_48038_4311.N1	08-MAY-2011 07:49:40	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	48038	No
95	GOM_TRA_1PNPDK20110508_075141_000000423102_00179_48038_4338.N1	08-MAY-2011 07:51:41	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	48038	No
96	GOM_TRA_1PNPDK20110508_075956_000000393102_00179_48038_4339.N1	08-MAY-2011 07:59:56	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	48038	No
97	GOM_TRA_1PNPDK20110508_080302_000000433102_00179_48038_4340.N1	08-MAY-2011 08:03:02	Bright	43.000	83		2.3780	11000.	86	48038	No
98	GOM_TRA_1PNPDK20110508_080607_000000383102_00179_48038_4341.N1	08-MAY-2011 08:06:07	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	48038	No
99	GOM_TRA_1PNPDK20110508_080844_000000383102_00179_48038_4342.N1	08-MAY-2011 08:08:44	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	48038	No
100	GOM_TRA_1PNPDK20110508_081514_000000423102_00179_48038_4343.N1	08-MAY-2011 08:15:14	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48038	No
101	GOM_TRA_1PNPDK20110508_082558_000000433102_00179_48038_4344.N1	08-MAY-2011 08:25:58	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	48038	No
102	GOM_TRA_1PNPDK20110508_082853_000000543102_00179_48038_4345.N1	08-MAY-2011 08:28:53	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	48038	No
103	GOM_TRA_1PNPDK20110508_083843_000000573102_00179_48038_4346.N1	08-MAY-2011 08:38:43	Twilight	57.000	93	53Bet Peg	2.5200	3100.0	114	48038	No
104	GOM_TRA_1PNPDK20110508_084259_000000513102_00179_48038_4347.N1	08-MAY-2011 08:42:59	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	48038	No
105	GOM_TRA_1PNPDK20110508_085609_000000553102_00179_48038_4348.N1	08-MAY-2011 08:56:09	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	48038	No
106	GOM_TRA_1PNPDK20110508_090158_000000473102_00179_48038_4349.N1	08-MAY-2011 09:01:58	Dark	47.000	31	Alp Gru	1.7340	15200.	94	48038	No
107	GOM_TRA_1PNPDK20110508_090733_000000433102_00180_48039_4350.N1	08-MAY-2011 09:07:33	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48039	No
108	GOM_TRA_1PNPDK20110508_091458_000000463102_00180_48039_4351.N1	08-MAY-2011 09:14:58	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	48039	No
109	GOM_TRA_1PNPDK20110508_091714_000000543102_00180_48039_4352.N1	08-MAY-2011 09:17:14	Straylight	53.500	40	The Sco	1.8590	7100.0	107	48039	No
110	GOM_TRA_1PNPDK20110508_091904_000000573102_00180_48039_4353.N1	08-MAY-2011 09:19:04	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	48039	No
111	GOM_TRA_1PNPDK20110508_092145_000000553102_00180_48039_4354.N1	08-MAY-2011 09:21:45	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	48039	No
112	GOM_TRA_1PNPDK20110508_092507_000000663102_00180_48039_4355.N1	08-MAY-2011 09:25:07	Twilight	65.500	16	21Alp Sco	1.0200	3000.0	131	48039	No
113	GOM_TRA_1PNPDK20110508_092702_000000563102_00180_48039_4356.N1	08-MAY-2011 09:27:02	Bright	55.500	80	7Del Sco	2.3160	30000.	111	48039	No
114	GOM_TRA_1PNPDK20110508_092954_000000413102_00180_48039_4357.N1	08-MAY-2011 09:29:54	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	48039	No
115	GOM_TRA_1PNPDK20110508_093155_000000433102_00180_48039_4373.N1	08-MAY-2011 09:31:55	Bright	43.000	104	27Bet Lib	2.6140	13100.	86	48039	Yes
116	GOM_TRA_1PNPDK20110508_094010_000000383102_00180_48039_4374.N1	08-MAY-2011 09:40:10	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	48039	No
117	GOM_TRA_1PNPDK20110508_094315_000000403102_00180_48039_4375.N1	08-MAY-2011 09:43:15	Bright	39.500	83		2.3780	11000.	79	48039	No
118	GOM_TRA_1PNPDK20110508_094620_000000403102_00180_48039_4376.N1	08-MAY-2011 09:46:20	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	48039	No
119	GOM_TRA_1PNPDK20110508_094858_000000373102_00180_48039_4377.N1	08-MAY-2011 09:48:58	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	48039	No
120	GOM_TRA_1PNPDK20110508_095527_000000443102_00180_48039_4378.N1	08-MAY-2011 09:55:27	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	48039	No
121	GOM_TRA_1PNPDK20110508_100611_000000573102_00180_48039_4379.N1	08-MAY-2011 10:06:11	Bright	56.500	89	5Alp Cep	2.4510	8000.0	113	48039	No
122	GOM_TRA_1PNPDK20110508_100907_000000373102_00180_48039_4380.N1	08-MAY-2011 10:09:07	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	48039	No
123	GOM_TRA_1PNPDK20110508_101857_000000553102_00180_48039_4381.N1	08-MAY-2011 10:18:57	Twilight	55.000	93	53Bet Peg	2.5200	3100.0	110	48039	No
124	GOM_TRA_1PNPDK20110508_102313_000000513102_00180_48039_4382.N1	08-MAY-2011 10:23:13	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	48039	No
125	GOM_TRA_1PNPDK20110508_103623_000000433102_00180_48039_4383.N1	08-MAY-2011 10:36:23	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	48039	No
126	GOM_TRA_1PNPDK20110508_104213_000000423102_00180_48039_4384.N1	08-MAY-2011 10:42:13	Dark	42.000	31	Alp Gru	1.7340	15200.	84	48039	No
127	GOM_TRA_1PNPDK20110508_104747_000000423102_00181_48040_4385.N1	08-MAY-2011 10:47:47	Dark	42.000	45	Alp Pav	1.9400	26000.	84	48040	No
128	GOM_TRA_1PNPDK20110508_105513_000000453102_00181_48040_4386.N1	08-MAY-2011 10:55:13	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	48040	No
129	GOM_TRA_1PNPDK20110508_105729_000000543102_00181_48040_4387.N1	08-MAY-2011 10:57:29	Straylight	54.000	40	The Sco	1.8590	7100.0	108	48040	No
130	GOM_TRA_1PNPDK20110508_105919_000000603102_00181_48040_4388.N1	08-MAY-2011 10:59:19	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	48040	No

131	GOM_TRA_1PNPDK20110508_110200_000000583102_00181_48040_4389.N1	08-MAY-2011 11:02:00	Straylight	58.000	75	26Eps Sco	2.2910	4250.0	116	48040	No
132	GOM_TRA_1PNPDK20110508_110521_000000603102_00181_48040_4390.N1	08-MAY-2011 11:05:21	Tw_i_and_stray	59.500	16	21Alp Sco	1.0200	3000.0	119	48040	No
133	GOM_TRA_1PNPDK20110508_110716_000000673102_00181_48040_4391.N1	08-MAY-2011 11:07:16	Bright	67.000	80	7Del Sco	2.3160	30000.	134	48040	No
134	GOM_TRA_1PNPDK20110508_111008_000000403102_00181_48040_4392.N1	08-MAY-2011 11:10:08	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	48040	No
135	GOM_TRA_1PNPDK20110508_111209_000000443102_00181_48040_4413.N1	08-MAY-2011 11:12:09	Bright	43.500	104	27Bet Lib	2.6140	13100.	87	48040	No
136	GOM_TRA_1PNPDK20110508_112024_000000383102_00181_48040_4414.N1	08-MAY-2011 11:20:24	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	48040	No
137	GOM_TRA_1PNPDK20110508_112329_000000403102_00181_48040_4415.N1	08-MAY-2011 11:23:29	Bright	39.500	83		2.3780	11000.	79	48040	No
138	GOM_TRA_1PNPDK20110508_112634_000000383102_00181_48040_4416.N1	08-MAY-2011 11:26:34	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	48040	No
139	GOM_TRA_1PNPDK20110508_112911_000000393102_00181_48040_4417.N1	08-MAY-2011 11:29:11	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	48040	No
140	GOM_TRA_1PNPDK20110508_113541_000000453102_00181_48040_4418.N1	08-MAY-2011 11:35:41	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	48040	No
141	GOM_TRA_1PNPDK20110508_114625_000000443102_00181_48040_4419.N1	08-MAY-2011 11:46:25	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48040	No
142	GOM_TRA_1PNPDK20110508_114921_000000383102_00181_48040_4420.N1	08-MAY-2011 11:49:21	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	48040	No
143	GOM_TRA_1PNPDK20110508_115911_000000543102_00181_48040_4421.N1	08-MAY-2011 11:59:11	Tw_i_and_stray	54.000	93	53Bet Peg	2.5200	3100.0	108	48040	No
144	GOM_TRA_1PNPDK20110508_120328_000000503102_00181_48040_4422.N1	08-MAY-2011 12:03:28	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	48040	No
145	GOM_TRA_1PNPDK20110508_121638_000000503102_00181_48040_4423.N1	08-MAY-2011 12:16:38	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	48040	No
146	GOM_TRA_1PNPDK20110508_122228_000000413102_00181_48040_4424.N1	08-MAY-2011 12:22:28	Dark	40.500	31	Alp Gru	1.7340	15200.	81	48040	No
147	GOM_TRA_1PNPDK20110508_122802_000000423102_00182_48041_4425.N1	08-MAY-2011 12:28:02	Dark	41.500	45	Alp Pav	1.9400	26000.	83	48041	No
148	GOM_TRA_1PNPDK20110508_123527_000000463102_00182_48041_4426.N1	08-MAY-2011 12:35:27	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	48041	No
149	GOM_TRA_1PNPDK20110508_123744_000000543102_00182_48041_4427.N1	08-MAY-2011 12:37:44	Straylight	54.000	40	The Sco	1.8590	7100.0	108	48041	No
150	GOM_TRA_1PNPDK20110508_123933_000000563102_00182_48041_4428.N1	08-MAY-2011 12:39:33	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	48041	No
151	GOM_TRA_1PNPDK20110508_124214_000000533102_00182_48041_4429.N1	08-MAY-2011 12:42:14	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	48041	No
152	GOM_TRA_1PNPDK20110508_124535_000000723102_00182_48041_4430.N1	08-MAY-2011 12:45:35	Tw_i_and_stray	72.000	16	21Alp Sco	1.0200	3000.0	144	48041	No
153	GOM_TRA_1PNPDK20110508_124731_000000663102_00182_48041_4431.N1	08-MAY-2011 12:47:31	Bright	66.000	80	7Del Sco	2.3160	30000.	132	48041	No
154	GOM_TRA_1PNPDK20110508_125022_000000413102_00182_48041_4450.N1	08-MAY-2011 12:50:22	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	48041	Yes
155	GOM_TRA_1PNPDK20110508_125223_000000443102_00182_48041_4451.N1	08-MAY-2011 12:52:23	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	48041	No
156	GOM_TRA_1PNPDK20110508_130038_000000363102_00182_48041_4452.N1	08-MAY-2011 13:00:38	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	48041	No
157	GOM_TRA_1PNPDK20110508_130342_000000413102_00182_48041_4453.N1	08-MAY-2011 13:03:42	Bright	41.000	83		2.3780	11000.	82	48041	No
158	GOM_TRA_1PNPDK20110508_130648_000000433102_00182_48041_4454.N1	08-MAY-2011 13:06:48	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	48041	No
159	GOM_TRA_1PNPDK20110508_130925_000000363102_00182_48041_4455.N1	08-MAY-2011 13:09:25	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	48041	No
160	GOM_TRA_1PNPDK20110508_131554_000000433102_00182_48041_4456.N1	08-MAY-2011 13:15:54	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	48041	No
161	GOM_TRA_1PNPDK20110508_132638_000000433102_00182_48041_4457.N1	08-MAY-2011 13:26:38	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	48041	No
162	GOM_TRA_1PNPDK20110508_132935_000000363102_00182_48041_4458.N1	08-MAY-2011 13:29:35	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	48041	No
163	GOM_TRA_1PNPDK20110508_133925_000000543102_00182_48041_4459.N1	08-MAY-2011 13:39:25	Tw_i_and_stray	53.500	93	53Bet Peg	2.5200	3100.0	107	48041	No
164	GOM_TRA_1PNPDK20110508_134342_000000483102_00182_48041_4460.N1	08-MAY-2011 13:43:42	Dark	47.500	90	54Alp Peg	2.4870	11000.	95	48041	No
165	GOM_TRA_1PNPDK20110508_135653_000000473102_00182_48041_4461.N1	08-MAY-2011 13:56:53	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	48041	No
166	GOM_TRA_1PNPDK20110508_140242_000000443102_00182_48041_4462.N1	08-MAY-2011 14:02:42	Dark	43.500	31	Alp Gru	1.7340	15200.	87	48041	No
167	GOM_TRA_1PNPDK20110508_140816_000000433102_00183_48042_4463.N1	08-MAY-2011 14:08:16	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48042	No
168	GOM_TRA_1PNPDK20110508_141542_000000453102_00183_48042_4464.N1	08-MAY-2011 14:15:42	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	48042	No
169	GOM_TRA_1PNPDK20110508_141758_000000513102_00183_48042_4465.N1	08-MAY-2011 14:17:58	Straylight	51.000	40	The Sco	1.8590	7100.0	102	48042	No
170	GOM_TRA_1PNPDK20110508_141948_000000573102_00183_48042_4466.N1	08-MAY-2011 14:19:48	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	48042	No
171	GOM_TRA_1PNPDK20110508_142228_000000573102_00183_48042_4467.N1	08-MAY-2011 14:22:28	Straylight	56.500	75	26Eps Sco	2.2910	4250.0	113	48042	No
172	GOM_TRA_1PNPDK20110508_142550_000000713102_00183_48042_4468.N1	08-MAY-2011 14:25:50	Tw_i_and_stray	70.500	16	21Alp Sco	1.0200	3000.0	141	48042	No
173	GOM_TRA_1PNPDK20110508_142745_000000673102_00183_48042_4469.N1	08-MAY-2011 14:27:45	Bright	66.500	80	7Del Sco	2.3160	30000.	133	48042	No
174	GOM_TRA_1PNPDK20110508_143036_000000413102_00183_48042_4488.N1	08-MAY-2011 14:30:36	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	48042	No
175	GOM_TRA_1PNPDK20110508_143237_000000443102_00183_48042_4489.N1	08-MAY-2011 14:32:37	Bright	43.500	104	27Bet Lib	2.6140	13100.	87	48042	No
176	GOM_TRA_1PNPDK20110508_144052_000000363102_00183_48042_4490.N1	08-MAY-2011 14:40:52	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	48042	No
177	GOM_TRA_1PNPDK20110508_144356_000000593102_00183_48042_4491.N1	08-MAY-2011 14:43:56	Bright	59.000	83		2.3780	11000.	118	48042	No
178	GOM_TRA_1PNPDK20110508_144701_000000403102_00183_48042_4492.N1	08-MAY-2011 14:47:01	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	48042	No
179	GOM_TRA_1PNPDK20110508_144939_000000383102_00183_48042_4493.N1	08-MAY-2011 14:49:39	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	48042	No
180	GOM_TRA_1PNPDK20110508_145608_000000413102_00183_48042_4494.N1	08-MAY-2011 14:56:08	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48042	No
181	GOM_TRA_1PNPDK20110508_150652_000000423102_00183_48042_4495.N1	08-MAY-2011 15:06:52	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	48042	No
182	GOM_TRA_1PNPDK20110508_150949_000000353102_00183_48042_4496.N1	08-MAY-2011 15:09:49	Bright	34.500	74	11Bet Cas	2.2680	6600.0	69	48042	No
183	GOM_TRA_1PNPDK20110508_151939_000000593102_00183_48042_4497.N1	08-MAY-2011 15:19:39	Tw_i_and_stray	59.000	93	53Bet Peg	2.5200	3100.0	118	48042	No
184	GOM_TRA_1PNPDK20110508_152357_000000493102_00183_48042_4498.N1	08-MAY-2011 15:23:57	Dark	48.500	90	54Alp Peg	2.4870	11000.	97	48042	No
185	GOM_TRA_1PNPDK20110508_153707_000000463102_00183_48042_4499.N1	08-MAY-2011 15:37:07	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	48042	No
186	GOM_TRA_1PNPDK20110508_154257_000000493102_00183_48042_4500.N1	08-MAY-2011 15:42:57	Dark	48.500	31	Alp Gru	1.7340	15200.	97	48042	No
187	GOM_TRA_1PNPDK20110508_154831_000000403102_00184_48043_4501.N1	08-MAY-2011 15:48:31	Dark	40.000	45	Alp Pav	1.9400	26000.	80	48043	No
188	GOM_TRA_1PNPDK20110508_155557_000000473102_00184_48043_4502.N1	08-MAY-2011 15:55:57	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	48043	No
189	GOM_TRA_1PNPDK20110508_155813_000000553102_00184_48043_4503.N1	08-MAY-2011 15:58:13	Straylight	55.000	40	The Sco	1.8590	7100.0	110	48043	No

190	GOM_TRA_1PNPDK20110508_160003_000000593102_00184_48043_4504.N1	08-MAY-2011 16:00:03	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	48043	No
191	GOM_TRA_1PNPDK20110508_160243_000000603102_00184_48043_4505.N1	08-MAY-2011 16:02:43	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	48043	No
192	GOM_TRA_1PNPDK20110508_160604_000000643102_00184_48043_4501.N1	08-MAY-2011 16:06:04	Tw_i_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	48043	No
193	GOM_TRA_1PNPDK20110508_160759_000000553102_00184_48043_4502.N1	08-MAY-2011 16:07:59	Bright	55.000	80	7Del Sco	2.3160	30000.	110	48043	No
194	GOM_TRA_1PNPDK20110508_161050_000000403102_00184_48043_4503.N1	08-MAY-2011 16:10:50	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	48043	No
195	GOM_TRA_1PNPDK20110508_161251_000000443102_00184_48043_4504.N1	08-MAY-2011 16:12:51	Bright	43.500	104	27Bet Lib	2.6140	13100.	87	48043	No
196	GOM_TRA_1PNPDK20110508_162106_000000373102_00184_48043_4505.N1	08-MAY-2011 16:21:06	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	48043	No
197	GOM_TRA_1PNPDK20110508_162410_000000413102_00184_48043_4506.N1	08-MAY-2011 16:24:10	Bright	40.500	83		2.3780	11000.	81	48043	No
198	GOM_TRA_1PNPDK20110508_162715_000000413102_00184_48043_4507.N1	08-MAY-2011 16:27:15	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	48043	No
199	GOM_TRA_1PNPDK20110508_162953_000000393102_00184_48043_4508.N1	08-MAY-2011 16:29:53	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	48043	No
200	GOM_TRA_1PNPDK20110508_163621_000000453102_00184_48043_4509.N1	08-MAY-2011 16:36:21	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	48043	No
201	GOM_TRA_1PNPDK20110508_164706_000000453102_00184_48043_4510.N1	08-MAY-2011 16:47:06	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48043	No
202	GOM_TRA_1PNPDK20110508_165003_000000353102_00184_48043_4511.N1	08-MAY-2011 16:50:03	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	48043	No
203	GOM_TRA_1PNPDK20110508_165954_000000553102_00184_48043_4512.N1	08-MAY-2011 16:59:54	Tw_i_and_stray	54.500	93	53Bet Peg	2.5200	3100.0	109	48043	No
204	GOM_TRA_1PNPDK20110508_170411_000000513102_00184_48043_4513.N1	08-MAY-2011 17:04:11	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	48043	No
205	GOM_TRA_1PNPDK20110508_171722_000000463102_00184_48043_4514.N1	08-MAY-2011 17:17:22	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	48043	No
206	GOM_TRA_1PNPDK20110508_172312_000000443102_00184_48043_4515.N1	08-MAY-2011 17:23:12	Dark	43.500	31	Alp Gru	1.7340	15200.	87	48043	No
207	GOM_TRA_1PNPDK20110508_172846_000000433102_00185_48044_4516.N1	08-MAY-2011 17:28:46	Dark	43.000	45	Alp Pav	1.9400	26000.	86	48044	No
208	GOM_TRA_1PNPDK20110508_173611_000000423102_00185_48044_4517.N1	08-MAY-2011 17:36:11	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	48044	No
209	GOM_TRA_1PNPDK20110508_173828_000000553102_00185_48044_4518.N1	08-MAY-2011 17:38:28	Straylight	55.000	40	The Sco	1.8590	7100.0	110	48044	No
210	GOM_TRA_1PNPDK20110508_174018_000000583102_00185_48044_4519.N1	08-MAY-2011 17:40:18	Straylight	58.000	25	35Lam Sco	1.6200	28000.	116	48044	No
211	GOM_TRA_1PNPDK20110508_174258_000000603102_00185_48044_4544.N1	08-MAY-2011 17:42:58	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	48044	No
212	GOM_TRA_1PNPDK20110508_174619_000000723102_00185_48044_4545.N1	08-MAY-2011 17:46:19	Tw_i_and_stray	71.500	16	21Alp Sco	1.0200	3000.0	143	48044	No
213	GOM_TRA_1PNPDK20110508_174813_000000633102_00185_48044_4546.N1	08-MAY-2011 17:48:13	Bright	62.500	80	7Del Sco	2.3160	30000.	125	48044	No
214	GOM_TRA_1PNPDK20110508_175105_000000423102_00185_48044_4547.N1	08-MAY-2011 17:51:05	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	48044	No
215	GOM_TRA_1PNPDK20110508_175305_000000433102_00185_48044_4548.N1	08-MAY-2011 17:53:05	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	48044	No
216	GOM_TRA_1PNPDK20110508_180120_000000383102_00185_48044_4549.N1	08-MAY-2011 18:01:20	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	48044	No
217	GOM_TRA_1PNPDK20110508_180424_000000423102_00185_48044_4550.N1	08-MAY-2011 18:04:24	Bright	42.000	83		2.3780	11000.	84	48044	No
218	GOM_TRA_1PNPDK20110508_180729_000000403102_00185_48044_4551.N1	08-MAY-2011 18:07:29	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	48044	No
219	GOM_TRA_1PNPDK20110508_181007_000000383102_00185_48044_4552.N1	08-MAY-2011 18:10:07	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	48044	No
220	GOM_TRA_1PNPDK20110508_181635_000000443102_00185_48044_4553.N1	08-MAY-2011 18:16:35	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	48044	No
221	GOM_TRA_1PNPDK20110508_182719_000000413102_00185_48044_4554.N1	08-MAY-2011 18:27:19	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	48044	No
222	GOM_TRA_1PNPDK20110508_183017_000000353102_00185_48044_4555.N1	08-MAY-2011 18:30:17	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	48044	No
223	GOM_TRA_1PNPDK20110508_184008_000000533102_00185_48044_4556.N1	08-MAY-2011 18:40:08	Tw_i_and_stray	52.500	93	53Bet Peg	2.5200	3100.0	105	48044	No
224	GOM_TRA_1PNPDK20110508_184425_000000463102_00185_48044_4557.N1	08-MAY-2011 18:44:25	Dark	46.000	90	54Alp Peg	2.4870	11000.	92	48044	No
225	GOM_TRA_1PNPDK20110508_185737_000000453102_00185_48044_4558.N1	08-MAY-2011 18:57:37	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	48044	No
226	GOM_TRA_1PNPDK20110508_190327_000000483102_00185_48044_4559.N1	08-MAY-2011 19:03:27	Dark	48.000	31	Alp Gru	1.7340	15200.	96	48044	No
227	GOM_TRA_1PNPDK20110508_190900_000000433102_00186_48045_4560.N1	08-MAY-2011 19:09:00	Dark	42.500	45	Alp Pav	1.9400	26000.	85	48045	No
228	GOM_TRA_1PNPDK20110508_191626_000000503102_00186_48045_4561.N1	08-MAY-2011 19:16:26	Straylight	49.500	141	Bet Ara	2.8400	4600.0	99	48045	No
229	GOM_TRA_1PNPDK20110508_191843_000000603102_00186_48045_4562.N1	08-MAY-2011 19:18:43	Straylight	60.000	40	The Sco	1.8590	7100.0	120	48045	No
230	GOM_TRA_1PNPDK20110508_192033_000000583102_00186_48045_4577.N1	08-MAY-2011 19:20:33	Straylight	58.000	25	35Lam Sco	1.6200	28000.	116	48045	No
231	GOM_TRA_1PNPDK20110508_192312_000000573102_00186_48045_4578.N1	08-MAY-2011 19:23:12	Straylight	57.000	75	26Eps Sco	2.2910	4250.0	114	48045	No
232	GOM_TRA_1PNPDK20110508_192633_000000713102_00186_48045_4579.N1	08-MAY-2011 19:26:33	Tw_i_and_stray	71.000	16	21Alp Sco	1.0200	3000.0	142	48045	No
233	GOM_TRA_1PNPDK20110508_192828_000000673102_00186_48045_4580.N1	08-MAY-2011 19:28:28	Bright	67.000	80	7Del Sco	2.3160	30000.	134	48045	No
234	GOM_TRA_1PNPDK20110508_193119_000000413102_00186_48045_4581.N1	08-MAY-2011 19:31:19	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	48045	No
235	GOM_TRA_1PNPDK20110508_193319_000000433102_00186_48045_4582.N1	08-MAY-2011 19:33:19	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	48045	No
236	GOM_TRA_1PNPDK20110508_194134_000000543102_00186_48045_4583.N1	08-MAY-2011 19:41:34	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	48045	No
237	GOM_TRA_1PNPDK20110508_194437_000000413102_00186_48045_4584.N1	08-MAY-2011 19:44:37	Bright	40.500	83		2.3780	11000.	81	48045	No
238	GOM_TRA_1PNPDK20110508_194743_000000373102_00186_48045_4585.N1	08-MAY-2011 19:47:43	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	48045	No
239	GOM_TRA_1PNPDK20110508_195021_000000383102_00186_48045_4586.N1	08-MAY-2011 19:50:21	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	48045	No
240	GOM_TRA_1PNPDK20110508_195648_000000433102_00186_48045_4587.N1	08-MAY-2011 19:56:48	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	48045	No
241	GOM_TRA_1PNPDK20110508_200733_000000513102_00186_48045_4588.N1	08-MAY-2011 20:07:33	Bright	51.000	89	5Alp Cep	2.4510	8000.0	102	48045	No
242	GOM_TRA_1PNPDK20110508_201031_000000543102_00186_48045_4589.N1	08-MAY-2011 20:10:31	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	48045	No
243	GOM_TRA_1PNPDK20110508_202022_000000553102_00186_48045_4590.N1	08-MAY-2011 20:20:22	Tw_i_and_stray	54.500	93	53Bet Peg	2.5200	3100.0	109	48045	No
244	GOM_TRA_1PNPDK20110508_202440_000000493102_00186_48045_4591.N1	08-MAY-2011 20:24:40	Dark	49.000	90	54Alp Peg	2.4870	11000.	98	48045	No
245	GOM_TRA_1PNPDK20110508_203751_000000483102_00186_48045_4592.N1	08-MAY-2011 20:37:51	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	48045	No
246	GOM_TRA_1PNPDK20110508_204341_000000413102_00186_48045_4593.N1	08-MAY-2011 20:43:41	Dark	41.000	31	Alp Gru	1.7340	15200.	82	48045	No
247	GOM_TRA_1PNPDK20110508_204915_000000423102_00187_48046_4594.N1	08-MAY-2011 20:49:15	Dark	42.000	45	Alp Pav	1.9400	26000.	84	48046	No
248	GOM_TRA_1PNPDK20110508_205640_000000483102_00187_48046_4595.N1	08-MAY-2011 20:56:40	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	48046	No

249	GOM_TRA_1PNPDK20110508_205857_000000533102_00187_48046_4596.N1	08-MAY-2011 20:58:57	Straylight	53.000	40	The Sco	1.8590	7100.0	106	48046	No
250	GOM_TRA_1PNPDE20110508_210048_000000593102_00187_48046_1495.N1	08-MAY-2011 21:00:48	Straylight	58.500	25	35Lam Sco	1.6200	28000.	117	48046	No
251	GOM_TRA_1PNPDE20110508_210327_000000533102_00187_48046_1496.N1	08-MAY-2011 21:03:27	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	48046	No
252	GOM_TRA_1PNPDE20110508_210647_000000723102_00187_48046_1497.N1	08-MAY-2011 21:06:47	Twilight_and_stray	72.000	16	21Alp Sco	1.0200	3000.0	144	48046	No
253	GOM_TRA_1PNPDE20110508_210842_000000573102_00187_48046_1498.N1	08-MAY-2011 21:08:42	Bright	57.000	80	7Del Sco	2.3160	30000.	114	48046	No
254	GOM_TRA_1PNPDE20110508_211133_000000383102_00187_48046_1499.N1	08-MAY-2011 21:11:33	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	48046	No
255	GOM_TRA_1PNPDE20110508_211333_000000433102_00187_48046_1500.N1	08-MAY-2011 21:13:33	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	48046	No
256	GOM_TRA_1PNPDE20110508_212148_000000533102_00187_48046_1501.N1	08-MAY-2011 21:21:48	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	48046	No
257	GOM_TRA_1PNPDE20110508_212451_000000593102_00187_48046_1502.N1	08-MAY-2011 21:24:51	Bright	59.000	83		2.3780	11000.	118	48046	No
258	GOM_TRA_1PNPDE20110508_212757_000000393102_00187_48046_1503.N1	08-MAY-2011 21:27:57	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	48046	No
259	GOM_TRA_1PNPDE20110508_213035_000000373102_00187_48046_1504.N1	08-MAY-2011 21:30:35	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	48046	No
260	GOM_TRA_1PNPDE20110508_213701_000000443102_00187_48046_1505.N1	08-MAY-2011 21:37:01	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	48046	No
261	GOM_TRA_1PNPDE20110508_214747_000000443102_00187_48046_1506.N1	08-MAY-2011 21:47:47	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48046	No
262	GOM_TRA_1PNPDE20110508_215045_000000543102_00187_48046_1507.N1	08-MAY-2011 21:50:45	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	48046	No
263	GOM_TRA_1PNPDE20110508_220036_000000573102_00187_48046_1508.N1	08-MAY-2011 22:00:36	Twilight_and_stray	56.500	93	53Bet Peg	2.5200	3100.0	113	48046	No
264	GOM_TRA_1PNPDE20110508_220454_000000493102_00187_48046_1509.N1	08-MAY-2011 22:04:54	Dark	48.500	90	54Alp Peg	2.4870	11000.	97	48046	No
265	GOM_TRA_1PNPDE20110508_221806_000000543102_00187_48046_1517.N1	08-MAY-2011 22:18:06	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	48046	No
266	GOM_TRA_1PNPDE20110508_222356_000000463102_00187_48046_1518.N1	08-MAY-2011 22:23:56	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48046	No
267	GOM_TRA_1PNPDE20110508_222930_000000423102_00188_48047_1519.N1	08-MAY-2011 22:29:30	Dark	42.000	45	Alp Pav	1.9400	26000.	84	48047	No
268	GOM_TRA_1PNPDE20110508_223655_000000483102_00188_48047_1520.N1	08-MAY-2011 22:36:55	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	48047	No
269	GOM_TRA_1PNPDE20110508_223912_000000513102_00188_48047_1521.N1	08-MAY-2011 22:39:12	Straylight	50.500	40	The Sco	1.8590	7100.0	101	48047	No
270	GOM_TRA_1PNPDE20110508_224102_000000593102_00188_48047_1522.N1	08-MAY-2011 22:41:02	Straylight	58.500	25	35Lam Sco	1.6200	28000.	117	48047	No
271	GOM_TRA_1PNPDE20110508_224341_000000533102_00188_48047_1523.N1	08-MAY-2011 22:43:41	Straylight	53.000	75	26Eps Sco	2.2910	4250.0	106	48047	No
272	GOM_TRA_1PNPDE20110508_224702_000000603102_00188_48047_1524.N1	08-MAY-2011 22:47:02	Twilight_and_stray	59.500	16	21Alp Sco	1.0200	3000.0	119	48047	No
273	GOM_TRA_1PNPDE20110508_224856_000000643102_00188_48047_1525.N1	08-MAY-2011 22:48:56	Bright	63.500	80	7Del Sco	2.3160	30000.	127	48047	No
274	GOM_TRA_1PNPDE20110508_225147_000000383102_00188_48047_1526.N1	08-MAY-2011 22:51:47	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	48047	No
275	GOM_TRA_1PNPDE20110508_225347_000000433102_00188_48047_1527.N1	08-MAY-2011 22:53:47	Bright	42.500	104	27Bet Lib	2.6140	13100.	85	48047	No
276	GOM_TRA_1PNPDE20110508_230207_000000533102_00188_48047_1528.N1	08-MAY-2011 23:02:07	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	48047	No
277	GOM_TRA_1PNPDE20110508_230504_000000423102_00188_48047_1529.N1	08-MAY-2011 23:05:04	Bright	41.500	83		2.3780	11000.	83	48047	No
278	GOM_TRA_1PNPDE20110508_230810_000000573102_00188_48047_1530.N1	08-MAY-2011 23:08:10	Bright	57.000	180	27Gam Boo	3.0400	8000.0	114	48047	No
279	GOM_TRA_1PNPDE20110508_231049_000000353102_00188_48047_1531.N1	08-MAY-2011 23:10:49	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	48047	No
280	GOM_TRA_1PNPDE20110508_231715_000000443102_00188_48047_1532.N1	08-MAY-2011 23:17:15	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	48047	No
281	GOM_TRA_1PNPDE20110508_232800_000000453102_00188_48047_1533.N1	08-MAY-2011 23:28:00	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48047	No
282	GOM_TRA_1PNPDE20110508_233059_000000363102_00188_48047_1534.N1	08-MAY-2011 23:30:59	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	48047	No
283	GOM_TRA_1PNPDE20110508_234050_000000583102_00188_48047_1535.N1	08-MAY-2011 23:40:50	Twilight_and_stray	58.000	93	53Bet Peg	2.5200	3100.0	116	48047	No
284	GOM_TRA_1PNPDE20110508_234508_000000503102_00188_48047_1536.N1	08-MAY-2011 23:45:08	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	48047	No
285	GOM_TRA_1PNPDE20110508_235820_000000473102_00188_48047_1933.N1	08-MAY-2011 23:58:20	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	48047	No

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



4. Overview of dark signal processing per product

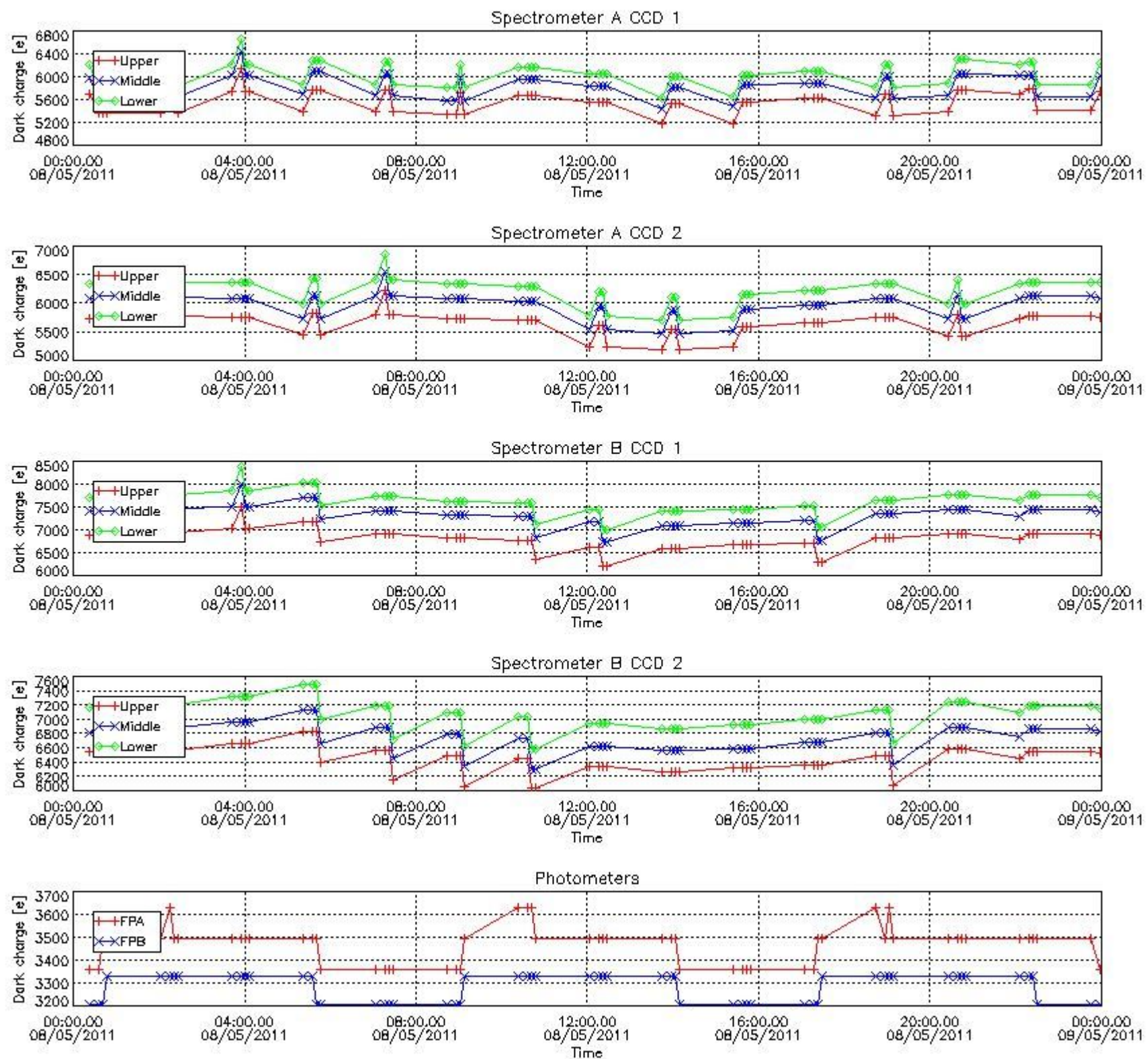
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110508_210048_000000593102_00187_48046_1495.N1	DC map used
GOM_TRA_1PNPDE20110508_210327_000000533102_00187_48046_1496.N1	DC map used
GOM_TRA_1PNPDE20110508_210647_000000723102_00187_48046_1497.N1	DC map used
GOM_TRA_1PNPDE20110508_210842_000000573102_00187_48046_1498.N1	DC map used
GOM_TRA_1PNPDE20110508_211133_000000383102_00187_48046_1499.N1	DC map used
GOM_TRA_1PNPDE20110508_211333_000000433102_00187_48046_1500.N1	DC map used
GOM_TRA_1PNPDE20110508_212148_000000533102_00187_48046_1501.N1	DC map used
GOM_TRA_1PNPDE20110508_212451_000000593102_00187_48046_1502.N1	DC map used
GOM_TRA_1PNPDE20110508_212757_000000393102_00187_48046_1503.N1	DC map used
GOM_TRA_1PNPDE20110508_213035_000000373102_00187_48046_1504.N1	DC map used
GOM_TRA_1PNPDE20110508_213701_000000443102_00187_48046_1505.N1	DC map used
GOM_TRA_1PNPDE20110508_214747_000000443102_00187_48046_1506.N1	DC map used
GOM_TRA_1PNPDE20110508_215045_000000543102_00187_48046_1507.N1	DC map used
GOM_TRA_1PNPDE20110508_220036_000000573102_00187_48046_1508.N1	DC map used

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



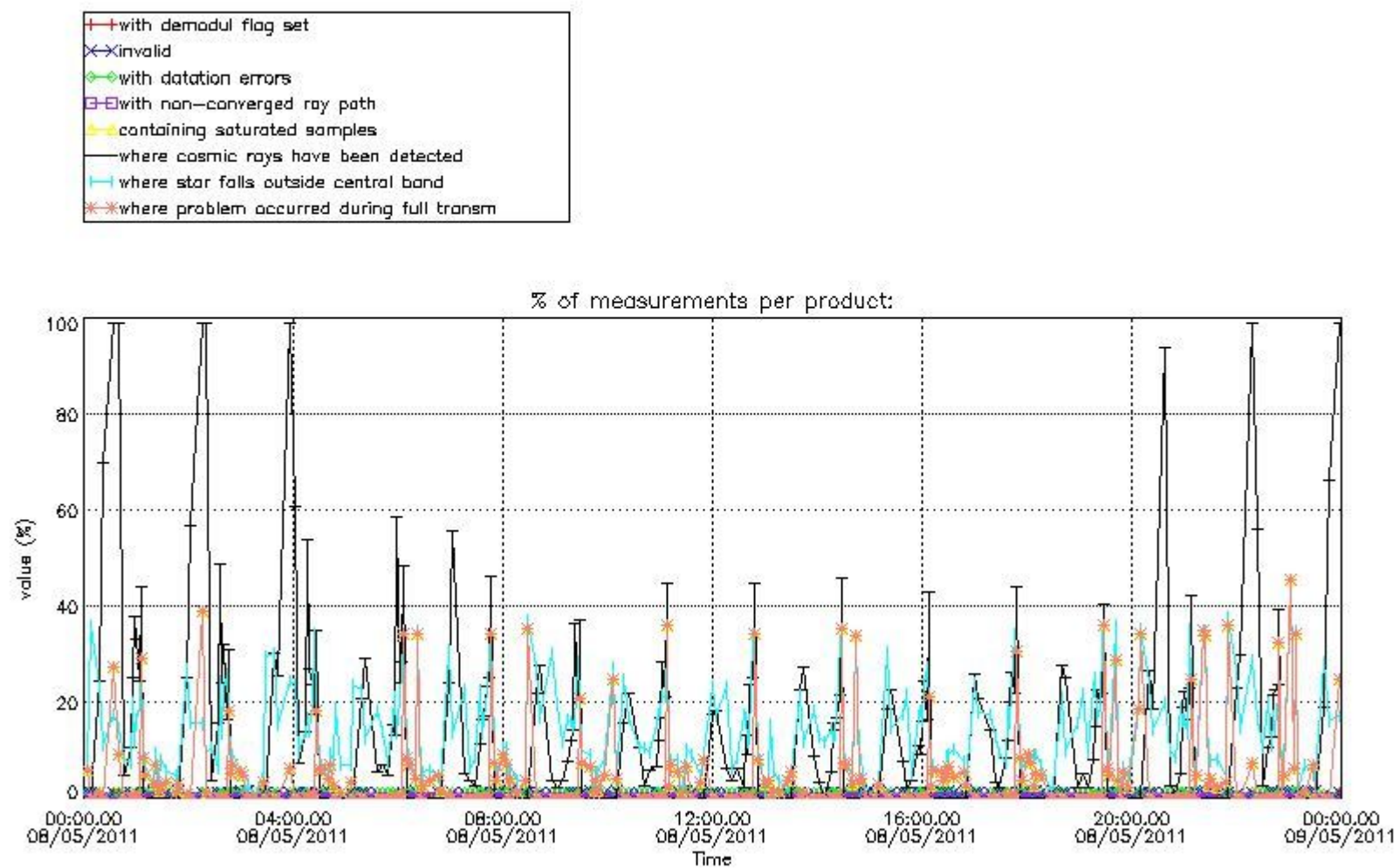
5. Demodulation flag and quality information monitoring

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.

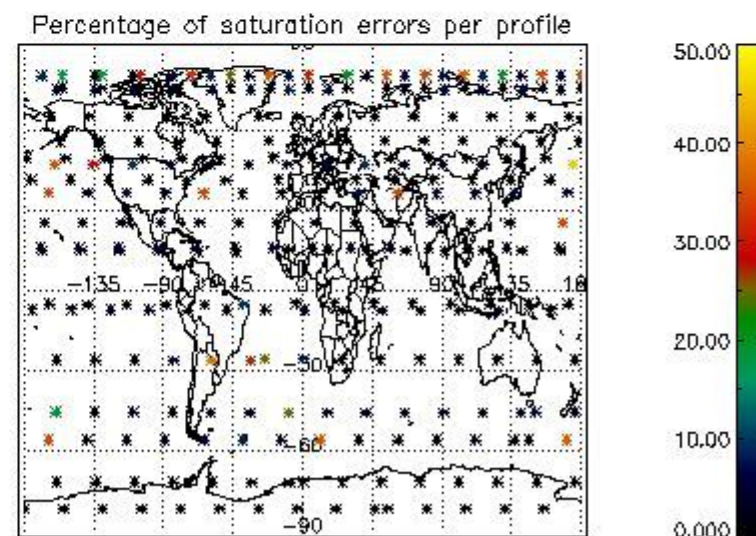
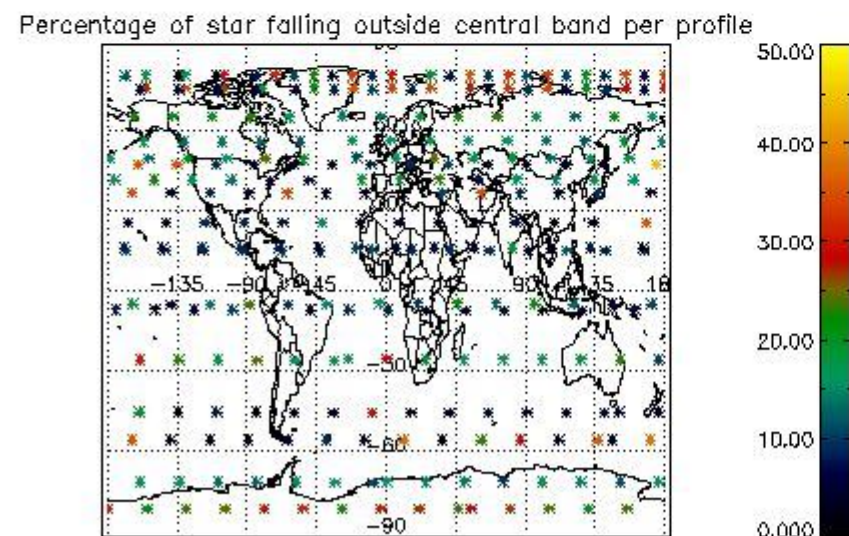
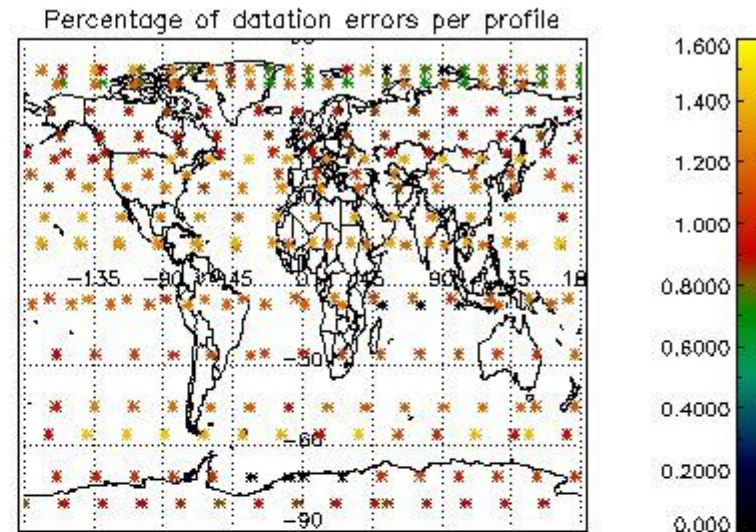
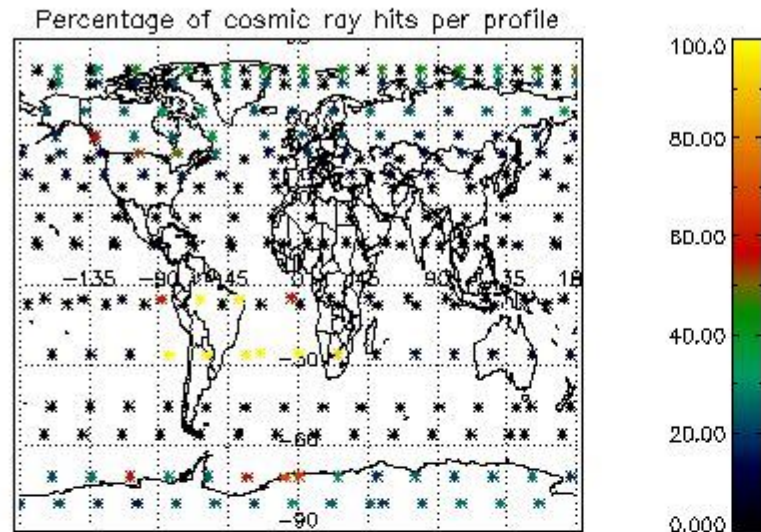
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	49.8233 %
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)



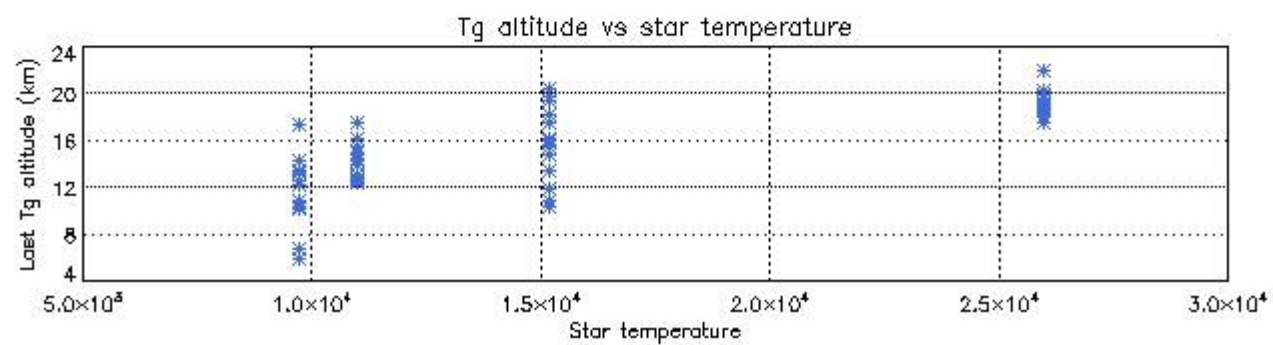
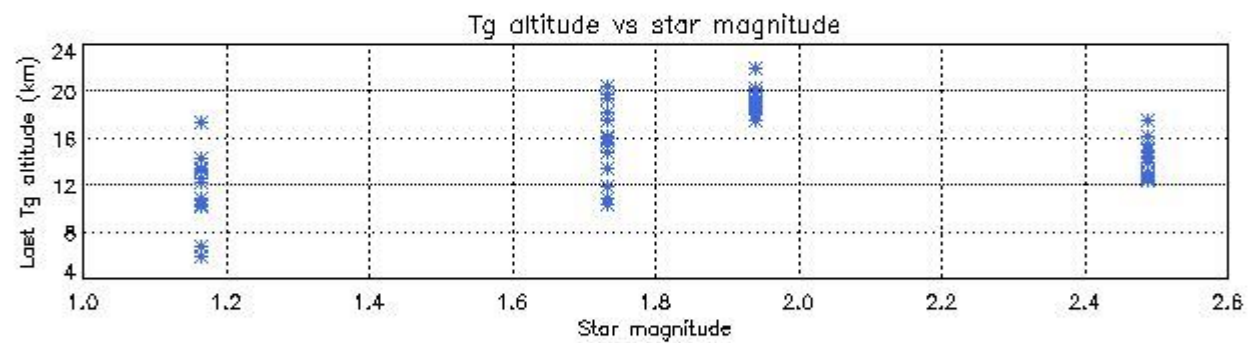
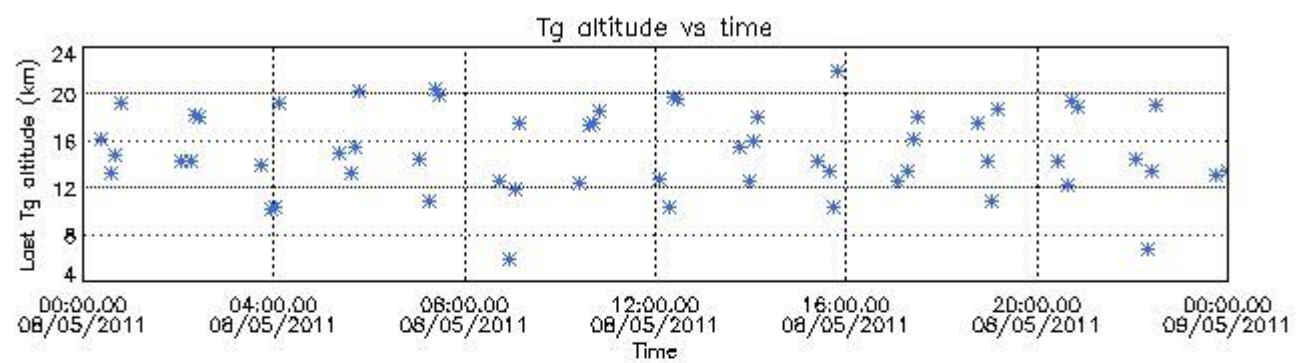
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.086	18.289	NaN
St. deviation:	3.4927	6.6793	NaN
Maximum:	21.864	28.085	NaN
Minimum:	5.9494	2.0500	NaN
Number of data:	58.000	140.00	NaN

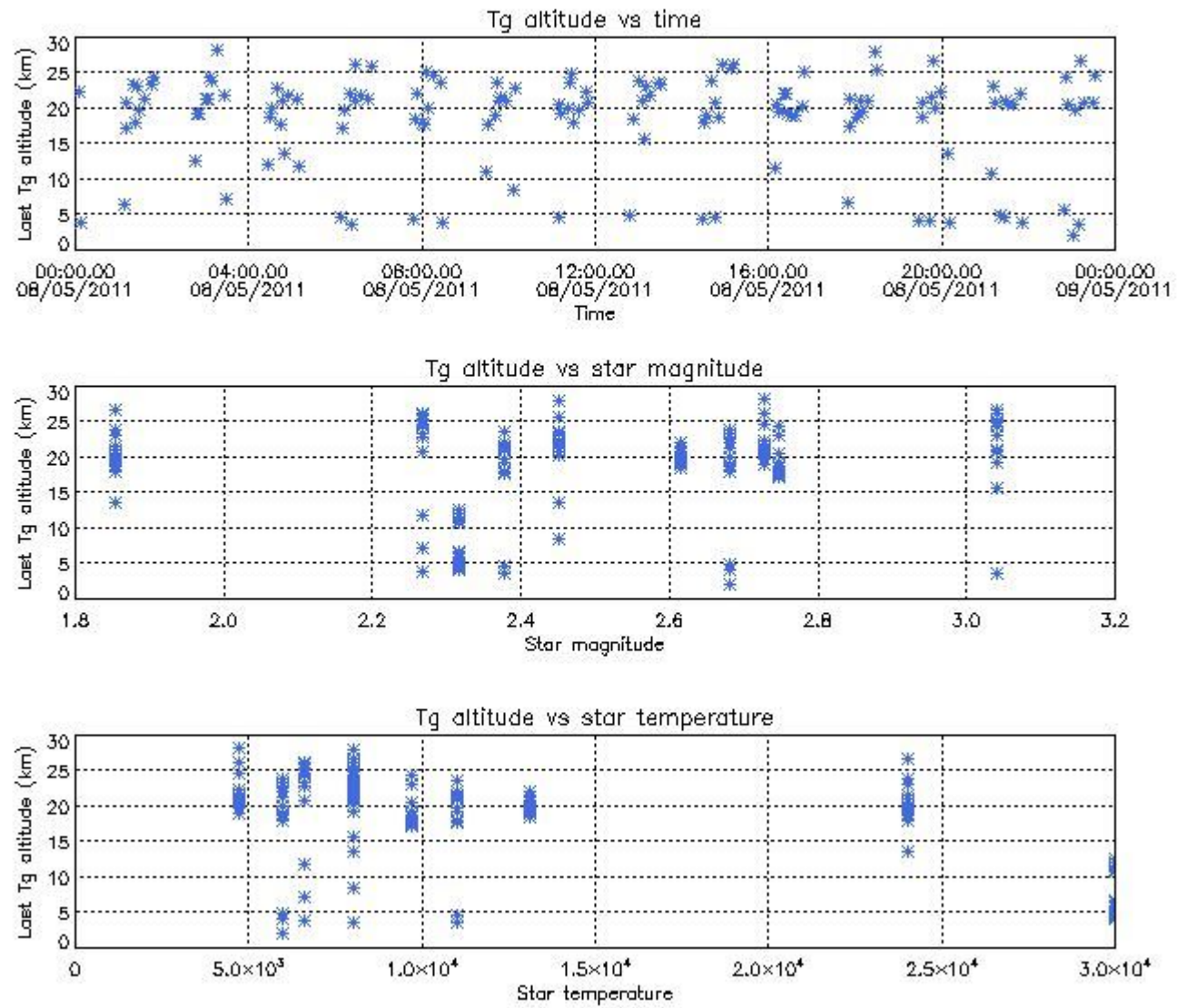
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

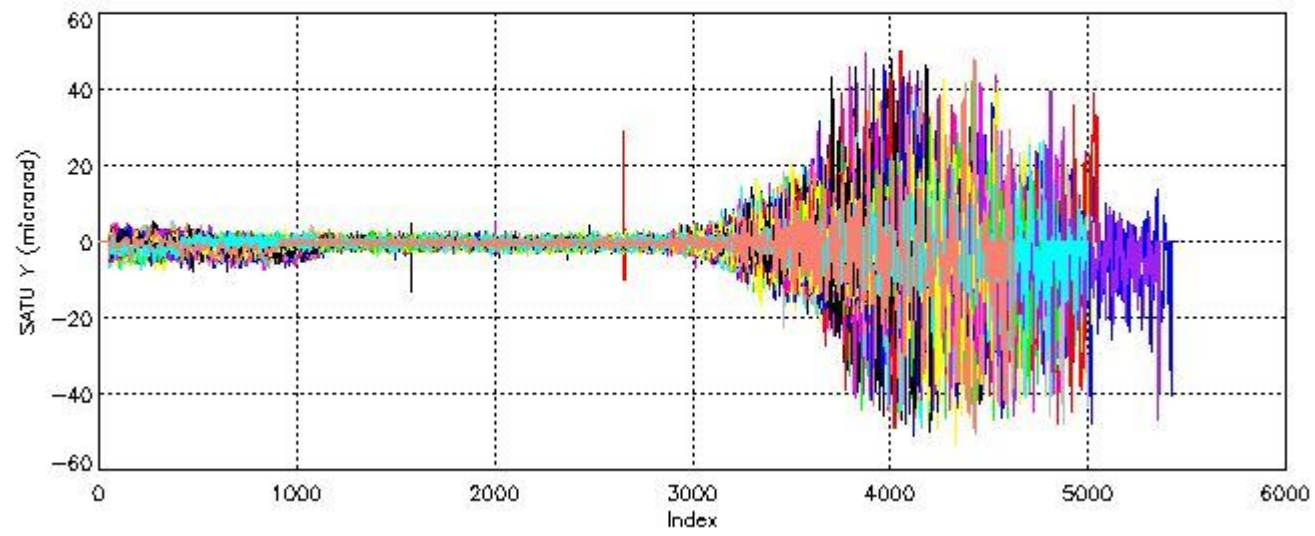
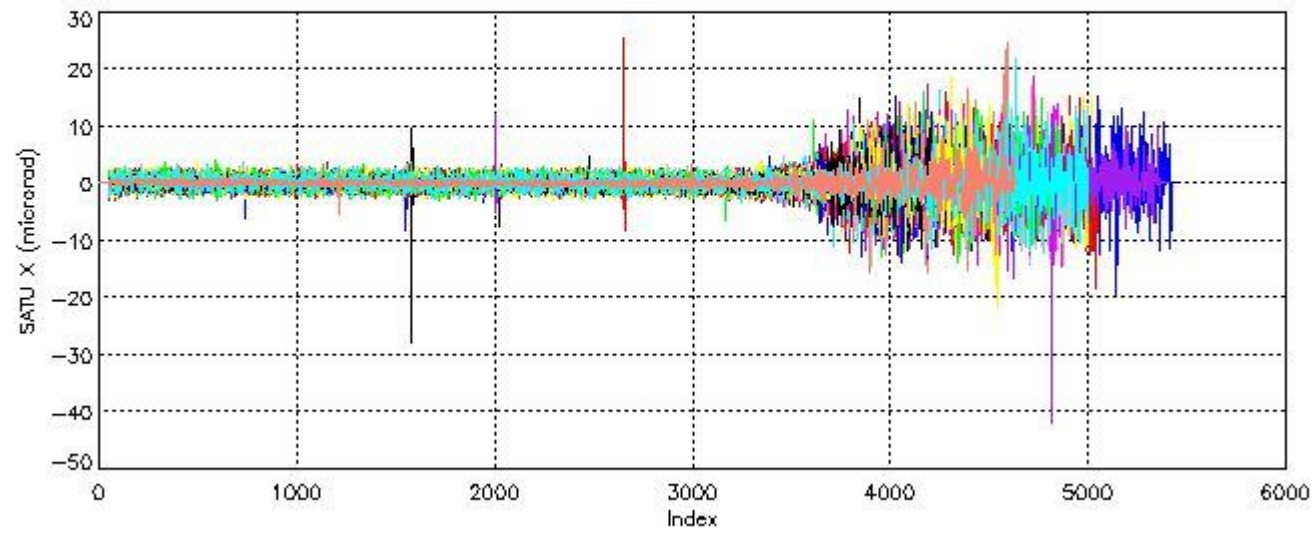


7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.15571	-1.1756	0.24997	-1.2922
St. deviation:	0.57843	1.6125	0.88040	1.8212
Maximum:	3.9000	5.3000	6.3000	8.2000
Minimum:	-6.2000	-8.1000	-6.6000	-10.500

Number of data:	57650.	57650.	1.3500E+05	1.3500E+05
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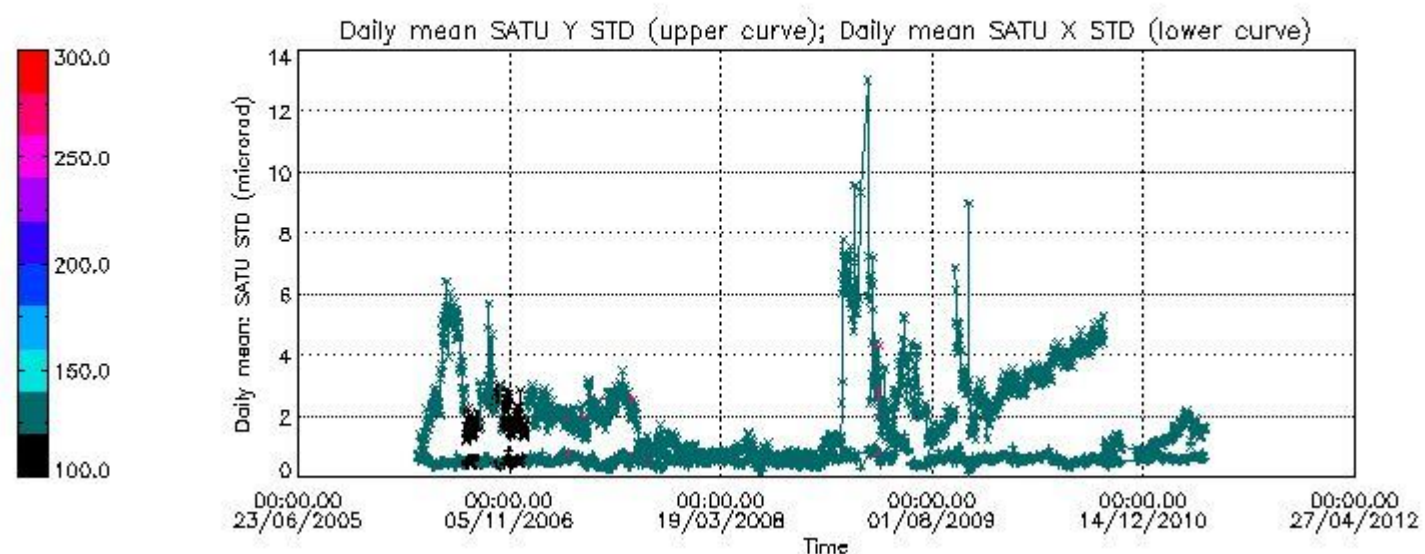
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

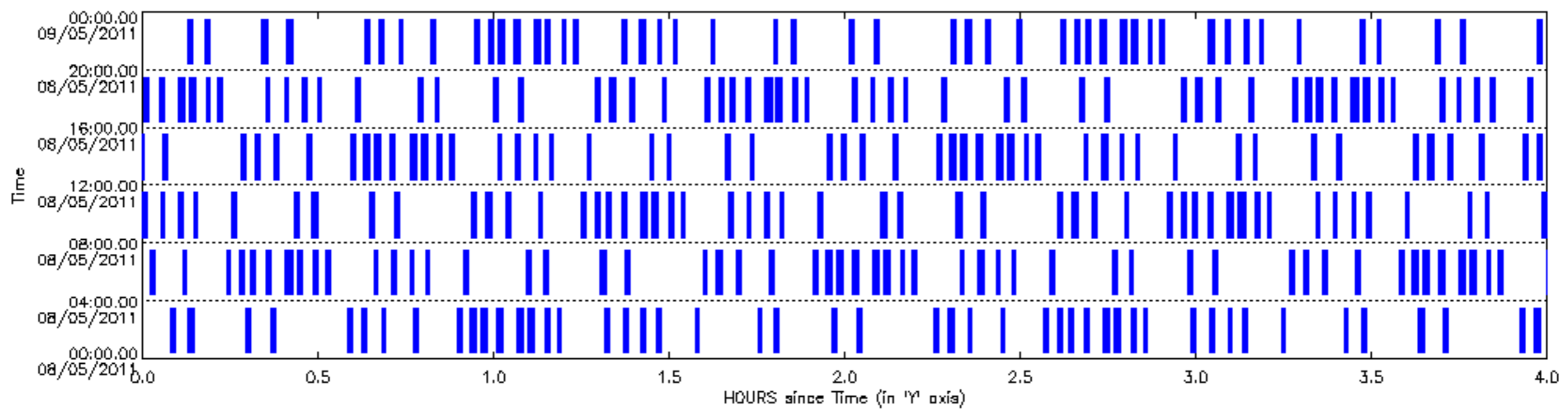


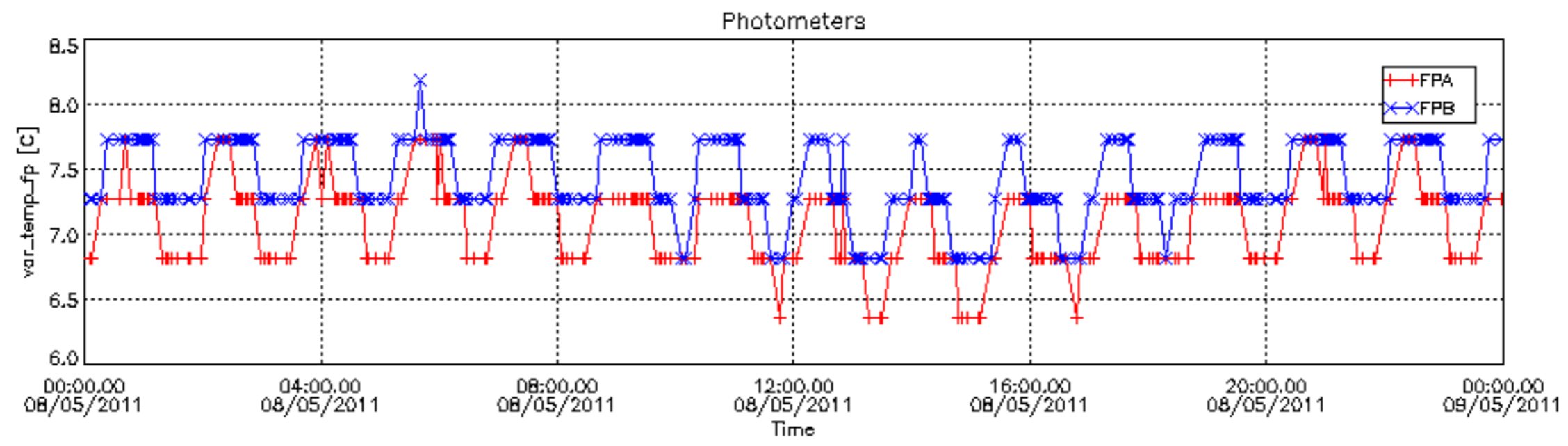
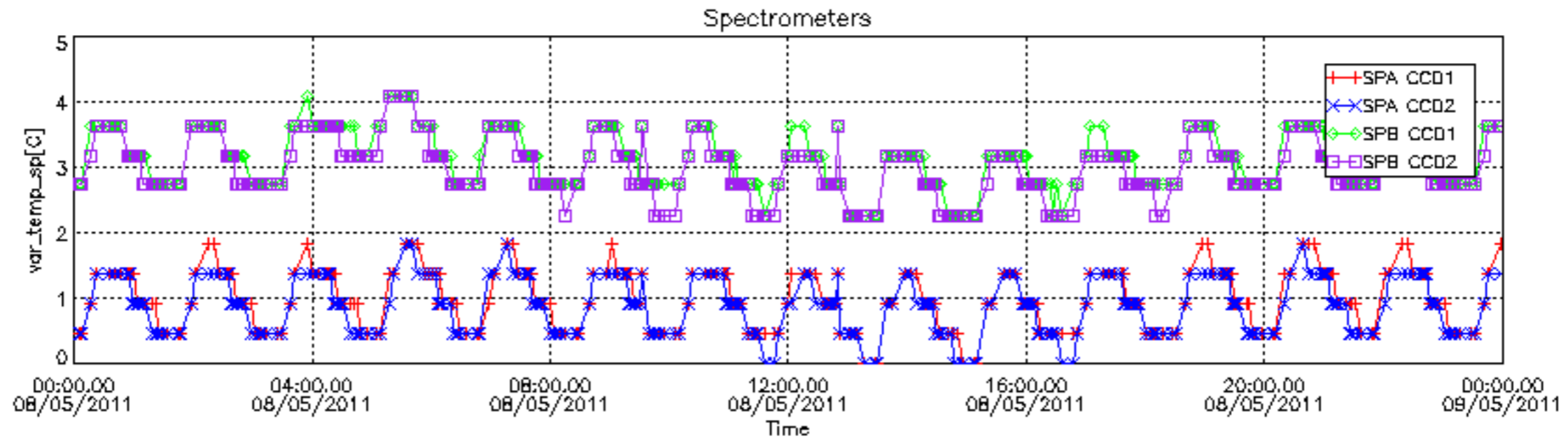
8. Auxiliary Data Files used for the production reported in section 2.4

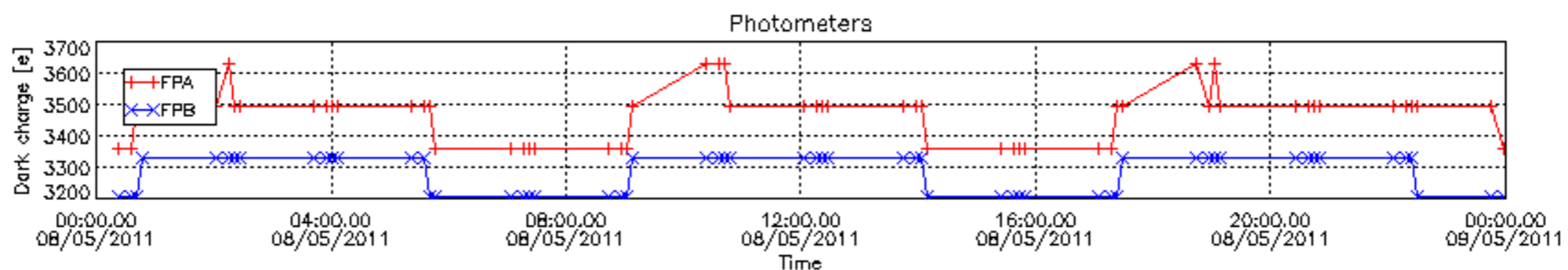
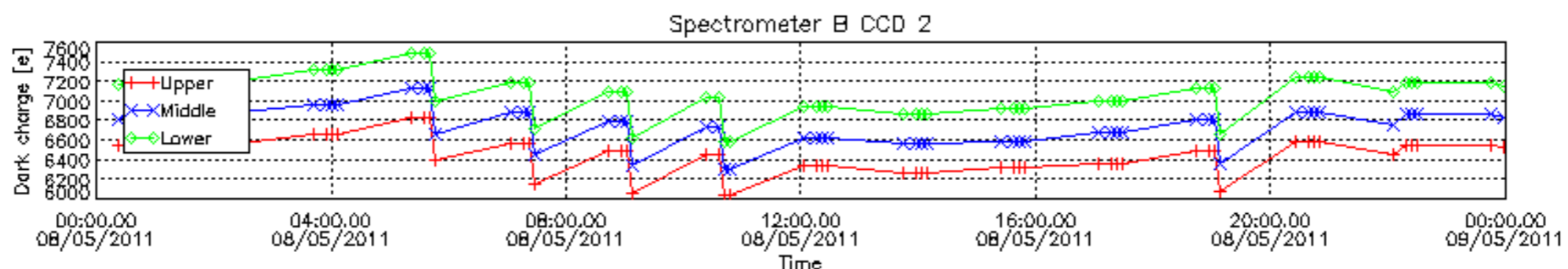
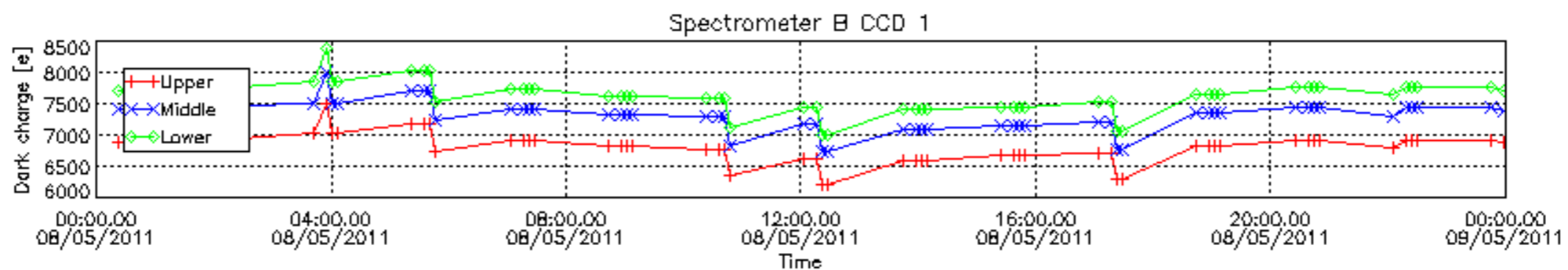
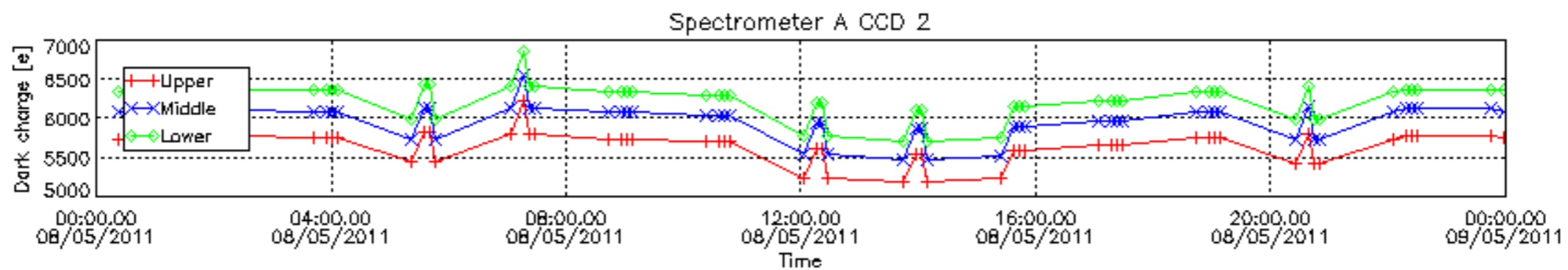
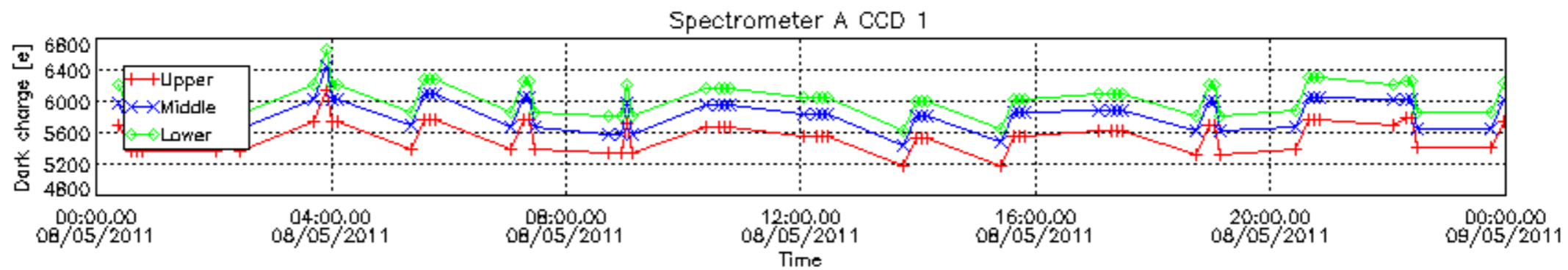
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

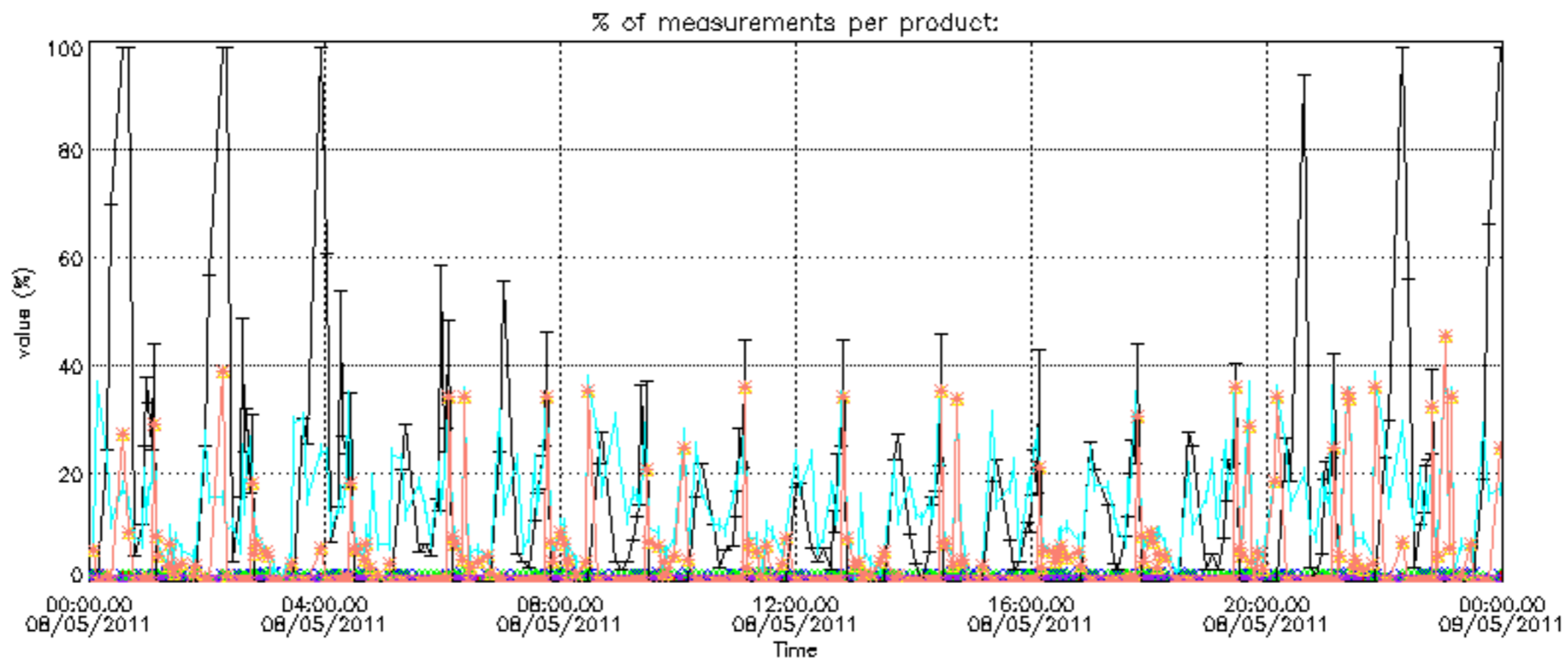
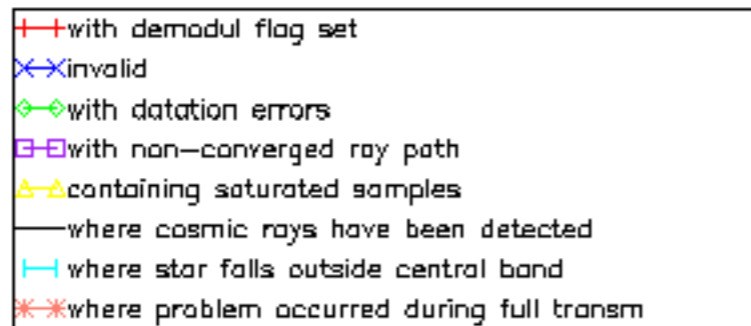
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-MAY-2011 00:04:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110505_085628_20110504_000000_20500101_000000	1	08-MAY-2011 00:04:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	08-MAY-2011 00:04:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	08-MAY-2011 00:04:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	08-MAY-2011 00:04:49
ECMWF_FILE	AUX_ECF_AXNECM20110507_195538_20110507_210000_20110508_090000	1	08-MAY-2011 00:04:49
ECMWF_FILE	AUX_ECF_AXNECM20110507_193540_20110508_030000_20110508_150000	41	08-MAY-2011 03:25:17
ECMWF_FILE	AUX_ECA_AXNECM20110508_060152_20110507_210000_20110508_090000	61	08-MAY-2011 05:05:30
ECMWF_FILE	AUX_ECF_AXNECM20110507_193540_20110508_030000_20110508_150000	95	08-MAY-2011 07:51:41
ECMWF_FILE	AUX_ECF_AXNECM20110508_062150_20110508_090000_20110508_210000	115	08-MAY-2011 09:31:55
ECMWF_FILE	AUX_ECF_AXNECM20110508_062151_20110508_150000_20110509_030000	192	08-MAY-2011 16:06:04
ECMWF_FILE	AUX_ECA_AXNECM20110508_180150_20110508_090000_20110508_210000	211	08-MAY-2011 17:42:58
ECMWF_FILE	AUX_ECF_AXNECM20110508_062151_20110508_150000_20110509_030000	230	08-MAY-2011 19:20:33
ECMWF_FILE	AUX_ECF_AXNECM20110508_062151_20110508_210000_20110509_090000	250	08-MAY-2011 21:00:48
OPTIONAL_ECMWF_FILE	MISSING	1	08-MAY-2011 00:04:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110507_224609_000057383102_00173_48032_3079.N1	1	08-MAY-2011 00:04:49
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110508_020244_000044633102_00175_48034_3081.N1	25	08-MAY-2011 02:15:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110508_032226_000057383102_00176_48035_3082.N1	41	08-MAY-2011 03:25:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110508_050323_000054193102_00177_48036_3083.N1	61	08-MAY-2011 05:05:30

ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_063902_000038263102_00178_48037_4523.N1	81	08-MAY-2011 06:45:44
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ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_092903_000057383102_00180_48039_4525.N1	115	08-MAY-2011 09:31:55
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_111000_000054193102_00181_48040_4526.N1	135	08-MAY-2011 11:12:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_124538_000057383102_00182_48041_4527.N1	154	08-MAY-2011 12:50:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_142635_000054193102_00183_48042_4528.N1	174	08-MAY-2011 14:30:36
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_160214_000057383102_00184_48043_4529.N1	192	08-MAY-2011 16:06:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_173752_000057383102_00185_48044_4530.N1	211	08-MAY-2011 17:42:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110508_191849_000057383102_00186_48045_4531.N1	230	08-MAY-2011 19:20:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110508_205946_000038263102_00187_48046_3084.N1	250	08-MAY-2011 21:00:48
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110508_222301_20110507_194130_20110517_201505	265	08-MAY-2011 22:18:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110508_235506_000054193102_00188_48047_3391.N1	285	08-MAY-2011 23:58:20

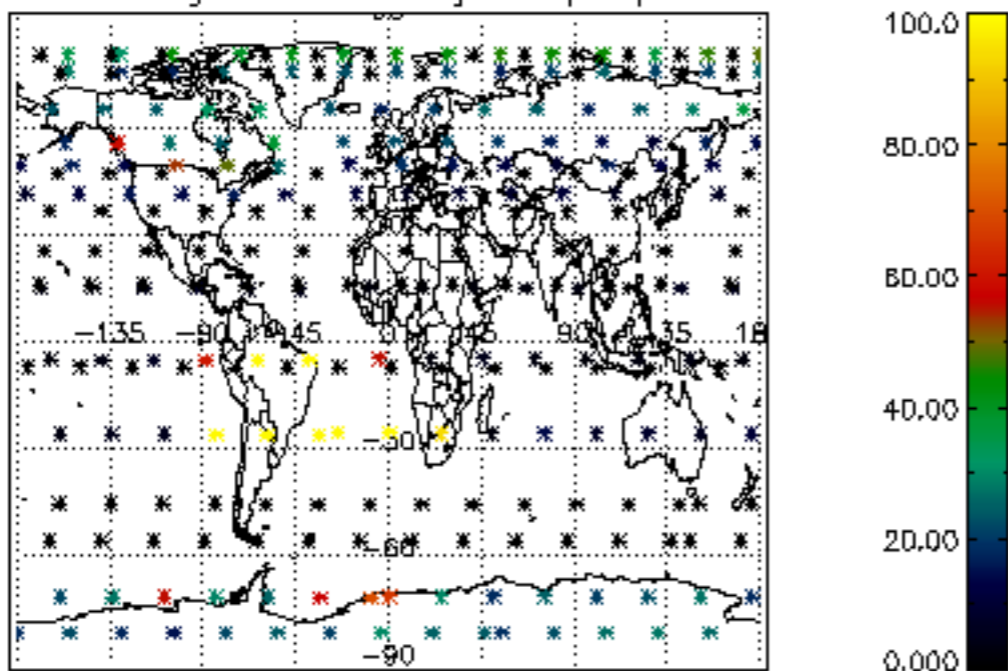




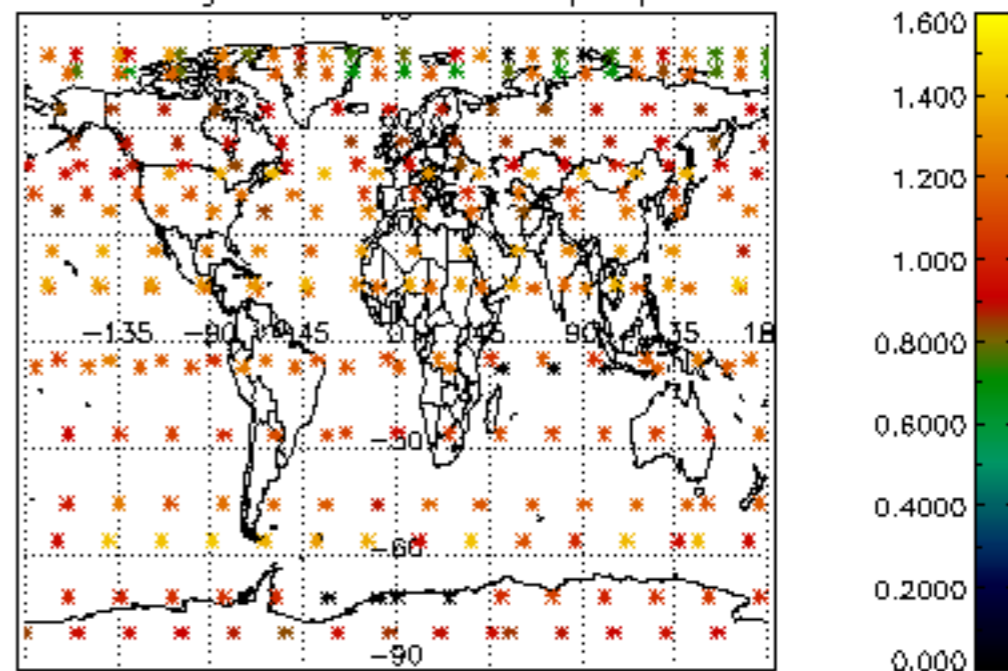




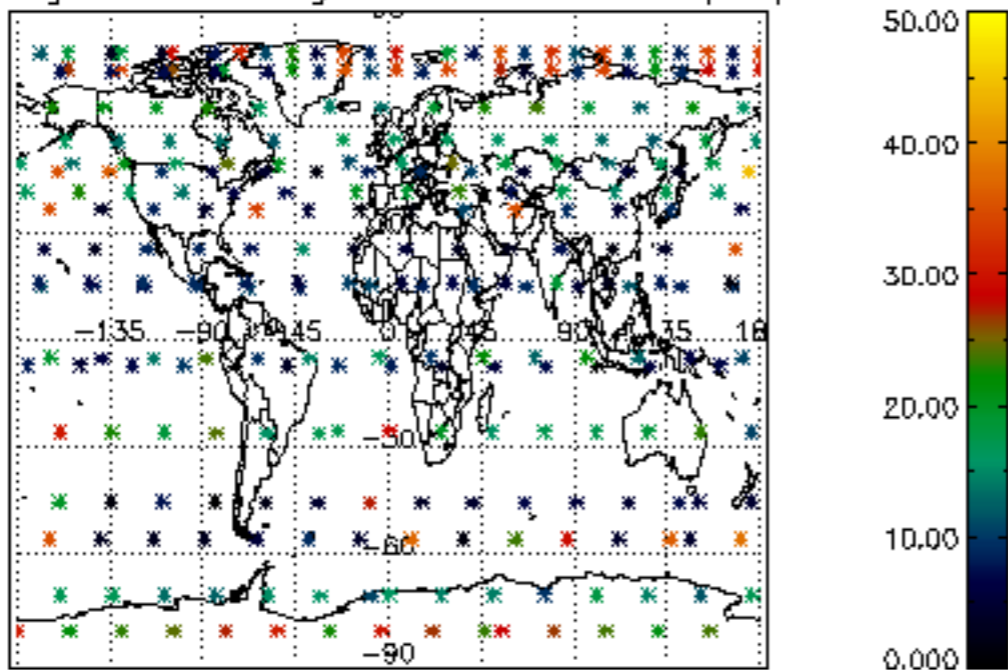
Percentage of cosmic ray hits per profile



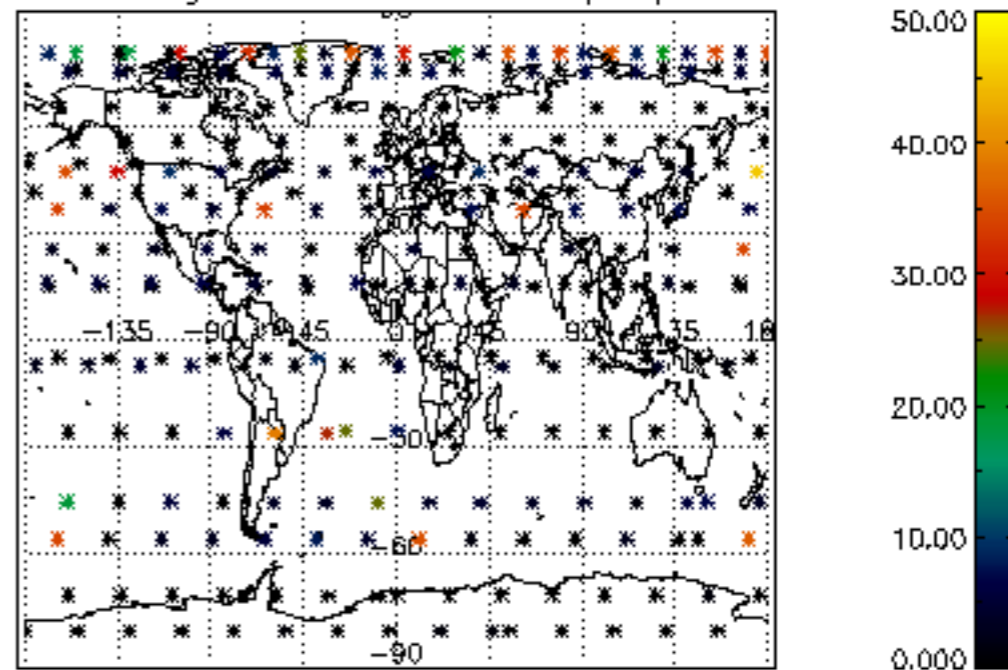
Percentage of datation errors per profile



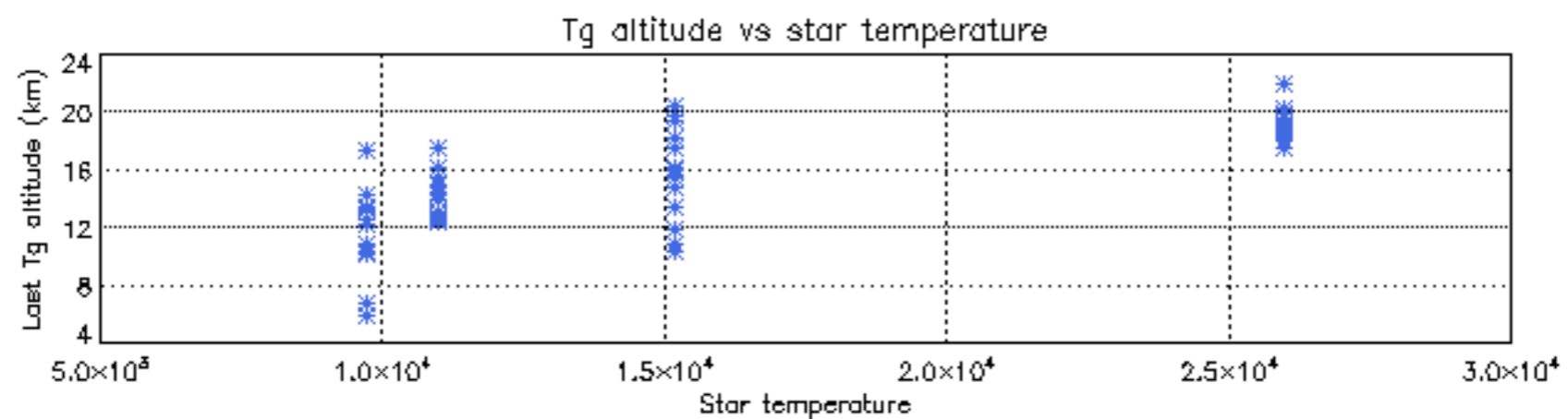
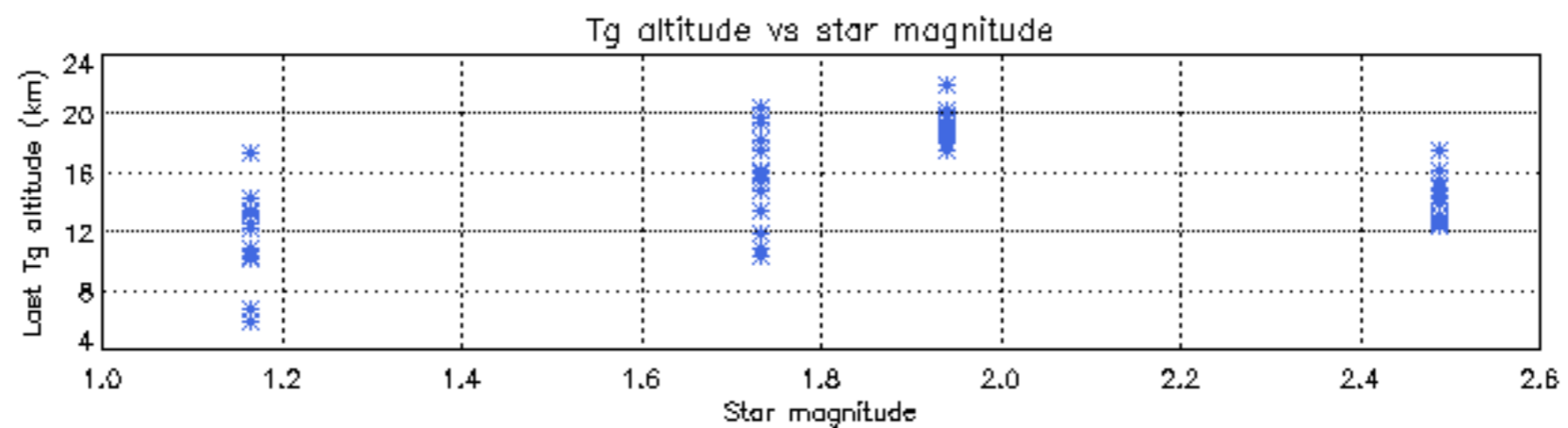
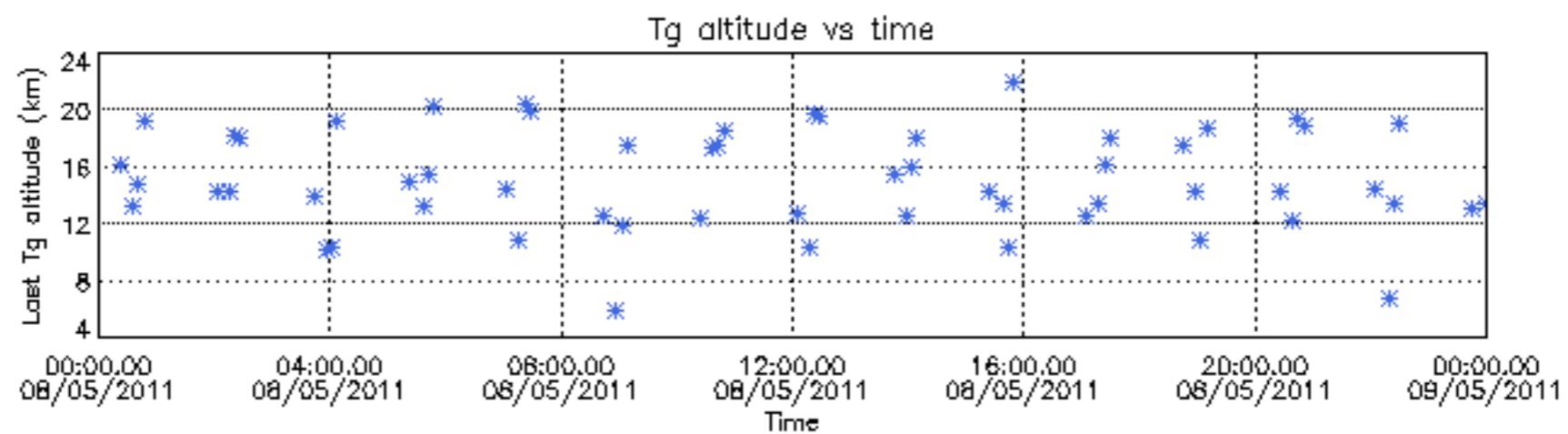
Percentage of star falling outside central band per profile



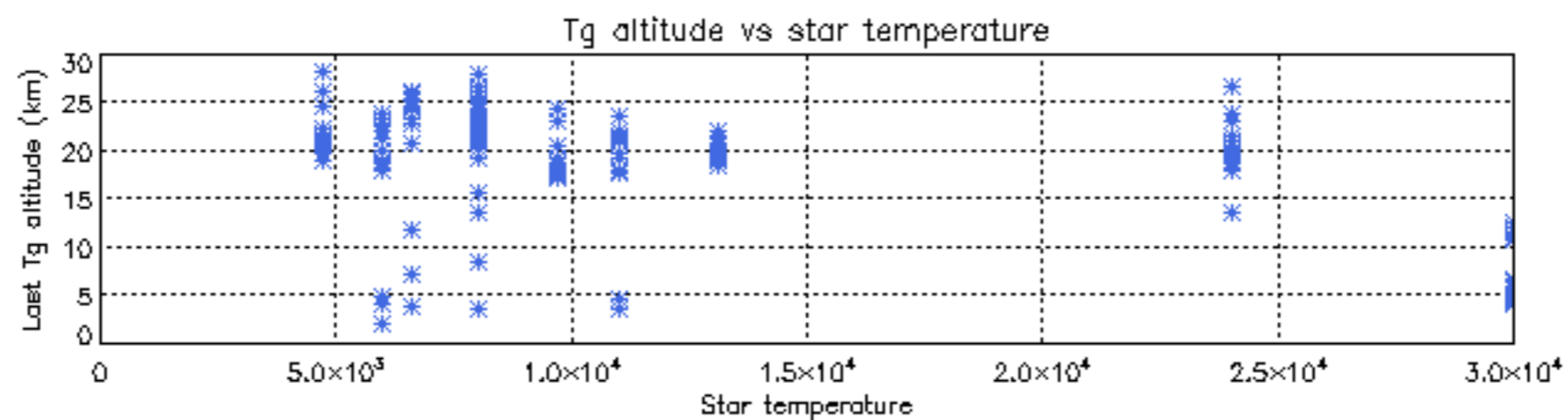
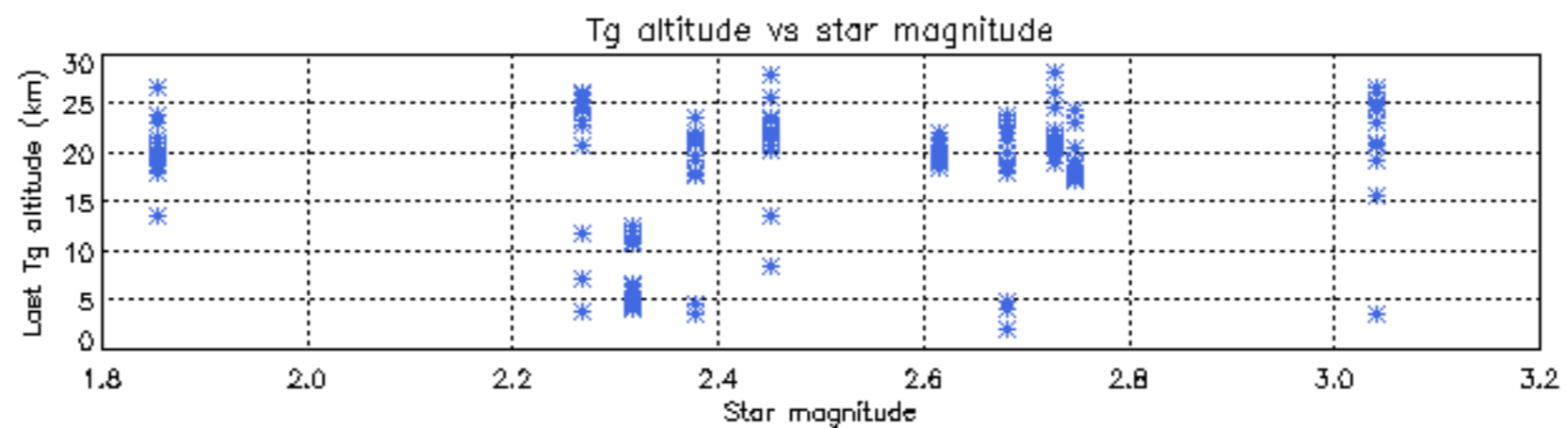
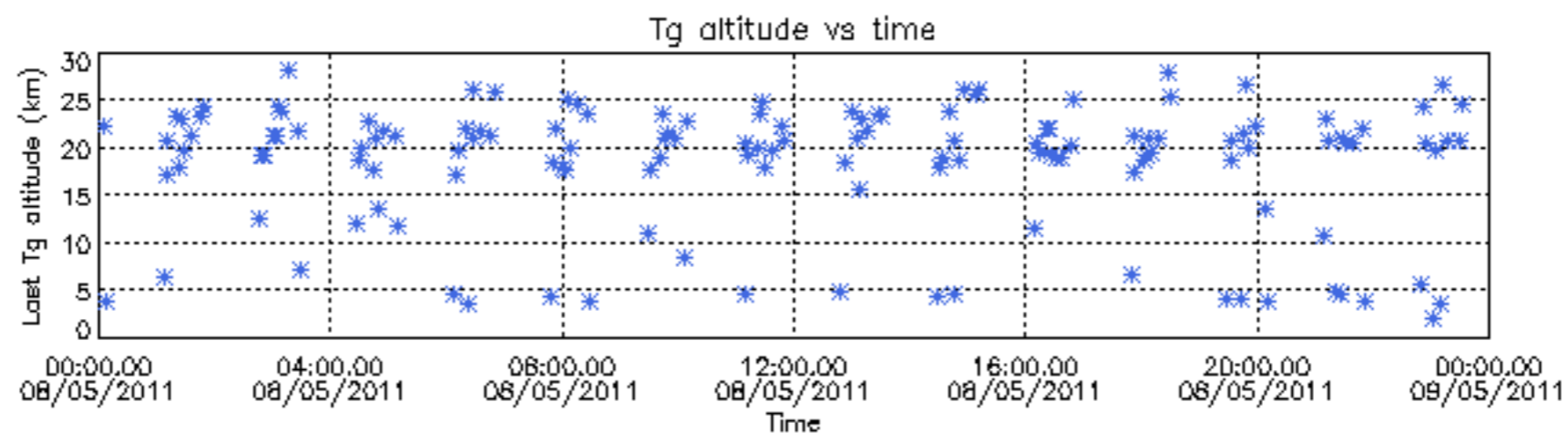
Percentage of saturation errors per profile

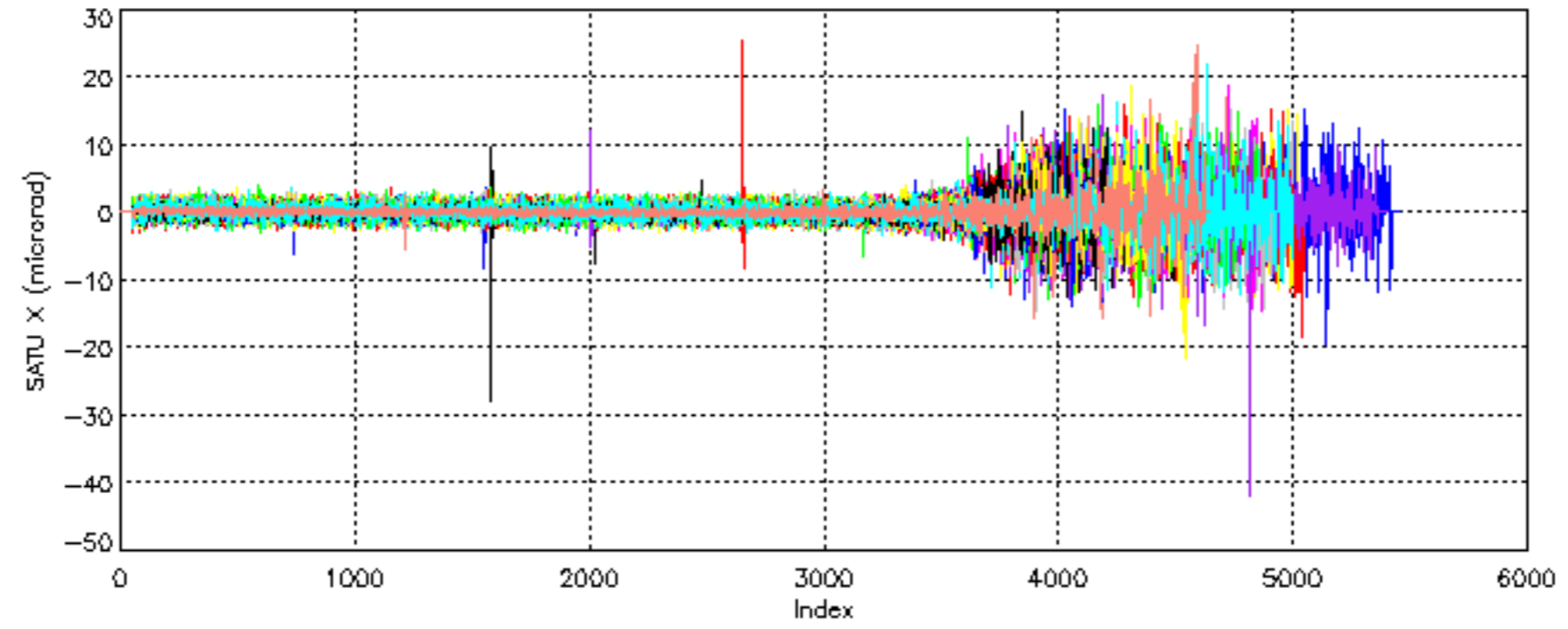


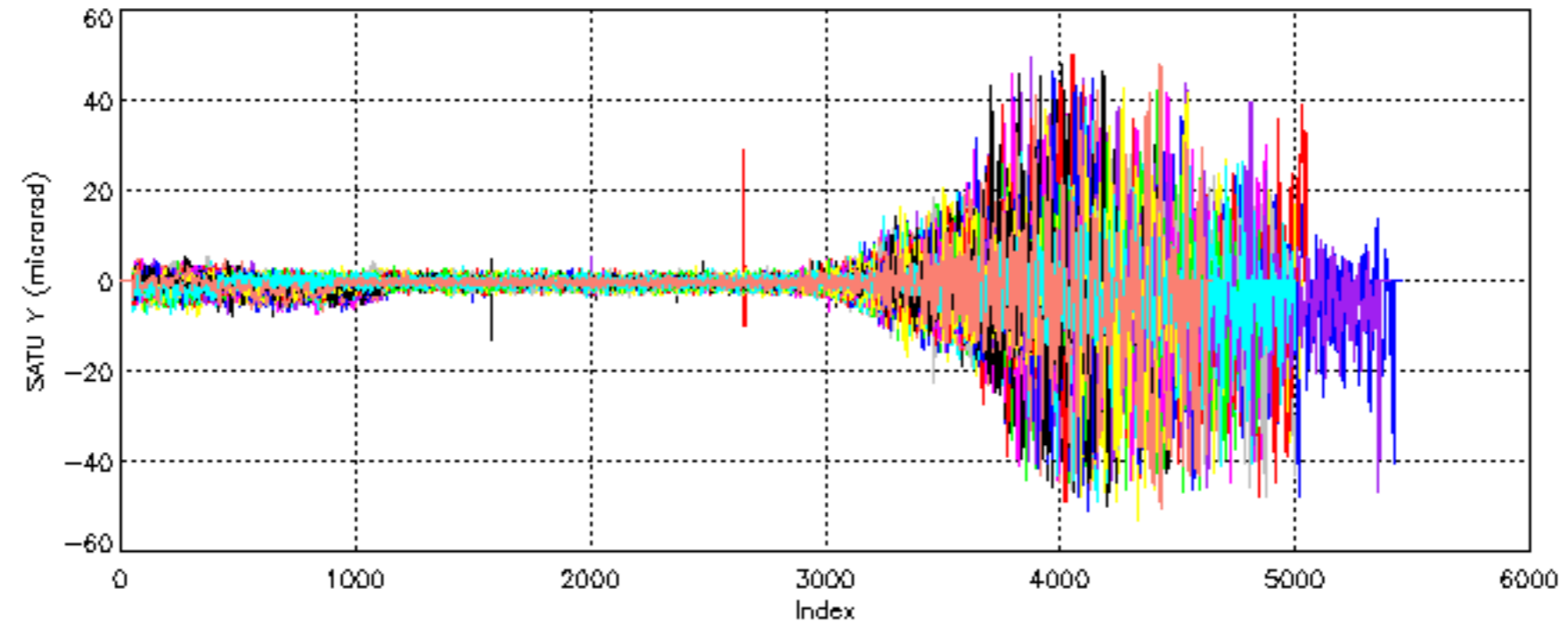
Tangent altitude at which the star is lost

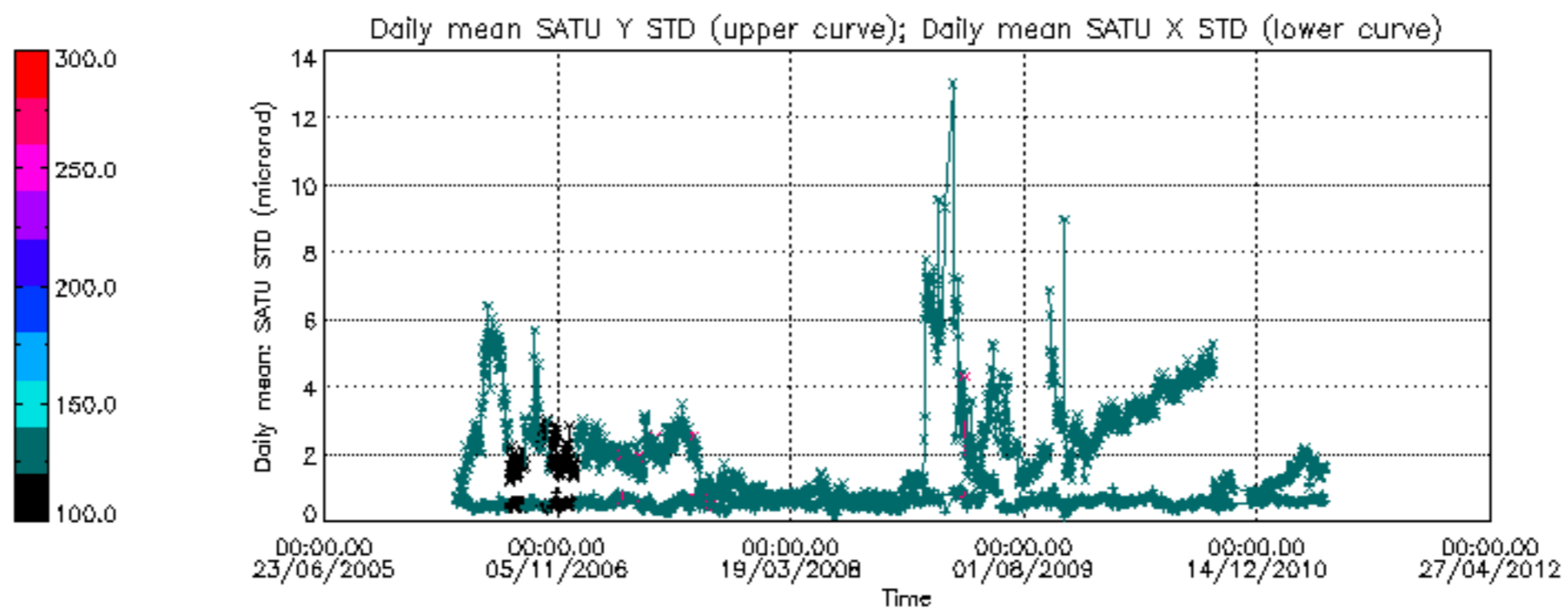


Tangent altitude at which the star is lost










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/data4_2/GOMOS/data_tmp/GOM_NL__0PNPDE20110511_002754_000051163102_00217_48076_5711.N1
 1; -259.5; 11-MAY-2011 00:27:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48076
 2; -138.6; 11-MAY-2011 00:29:55; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;48076
 3; -57.9; 11-MAY-2011 00:31:16; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;48076
 4; 276.6; 11-MAY-2011 00:36:50; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48077
 5; 717.5; 11-MAY-2011 00:44:11; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;48077
 6; 860.3; 11-MAY-2011 00:46:34; Dark ; 55.0; 40; The Sco ; 1.86; 7100;occ; 110; 0;48077
 7; 970.8; 11-MAY-2011 00:48:24; Dark ; 57.5; 25; 35Lam Sco ; 1.62; 28000;occ; 115; 0;48077
 8; 1123.8; 11-MAY-2011 00:50:57; Dark ; 55.0; 75; 26Eps Sco ; 2.29; 4250;occ; 110; 0;48077
 9; 1318.6; 11-MAY-2011 00:54:12; Dark ; 64.0; 16; 21Alp Sco ; 1.02; 3000;occ; 128; 0;48077
10; 1429.3; 11-MAY-2011 00:56:03; Dark ; 56.0; 80; 7Del Sco ; 2.32; 30000;occ; 112; 0;48077
11; 1597.0; 11-MAY-2011 00:58:51; Bright; 39.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 79; 0;48077
12; 1713.5; 11-MAY-2011 01:00:47; Bright; 40.5; 104; 27Bet Lib ; 2.61; 13100;occ; 81; 0;48077
13; 2053.5; 11-MAY-2011 01:06:27; Bright; 48.5; 102; 24Alp Ser ; 2.60; 4250;occ; 97; 0;48077
14; 2224.0; 11-MAY-2011 01:09:18; Bright; 38.0; 3; 16Alp Boo ;-0.05; 4250;occ; 76; 0;48077
15; 2382.3; 11-MAY-2011 01:11:56; Bright; 42.5; 83; ; 2.38; 11000;occ; 85; 0;48077
16; 2568.3; 11-MAY-2011 01:15:02; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;48077
17; 3105.1; 11-MAY-2011 01:23:59; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;48077
18; 3754.5; 11-MAY-2011 01:34:48; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;48077
19; 3944.7; 11-MAY-2011 01:37:58; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;48077
20; 4542.4; 11-MAY-2011 01:47:56; Dark ; 59.0; 93; 53Bet Peg ; 2.52; 3100;occ; 118; 0;48077
21; 4723.8; 11-MAY-2011 01:50:57; Dark ; 41.0; 140; 88Gam Peg ; 2.83; 26000;occ; 82; 0;48077
22; 4807.3; 11-MAY-2011 01:52:21; Dark ; 50.0; 90; 54Alp Peg ; 2.49; 11000;occ; 100; 0;48077
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 1; -407.2; 11-MAY-2011 02:05:40; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;48077
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 5; 277.6; 11-MAY-2011 02:17:05; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48078
 6; 718.0; 11-MAY-2011 02:24:26; Dark ; 50.5; 141; Bet Ara ; 2.84; 4600;occ; 101; 0;48078
 7; 861.1; 11-MAY-2011 02:26:49; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;48078
 8; 971.9; 11-MAY-2011 02:28:39; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;48078
 9; 1124.4; 11-MAY-2011 02:31:12; Dark ; 53.5; 75; 26Eps Sco ; 2.29; 4250;occ; 107; 0;48078
10; 1319.0; 11-MAY-2011 02:34:27; Dark ; 63.5; 16; 21Alp Sco ; 1.02; 3000;occ; 127; 0;48078
11; 1429.6; 11-MAY-2011 02:36:17; Dark ; 61.0; 80; 7Del Sco ; 2.32; 30000;occ; 122; 0;48078
12; 1597.0; 11-MAY-2011 02:39:05; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 0;48078
13; 1713.6; 11-MAY-2011 02:41:01; Bright; 43.0; 104; 27Bet Lib ; 2.61; 13100;occ; 86; 0;48078
14; 2053.6; 11-MAY-2011 02:46:41; Bright; 47.5; 102; 24Alp Ser ; 2.60; 4250;occ; 95; 0;48078
15; 2224.0; 11-MAY-2011 02:49:32; Bright; 38.0; 3; 16Alp Boo ;-0.05; 4250;occ; 76; 0;48078
16; 2382.0; 11-MAY-2011 02:52:10; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;48078
17; 2568.3; 11-MAY-2011 02:55:16; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;48078
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20; 6875.8; 21-MAY-2011 16:22:16; Dark ; 44.0; 147; Alp Ara ; 2.88; 26000;occ; 88; 0;48230
21; 6971.6; 21-MAY-2011 16:23:52; Dark ; 53.0; 40; The Sco ; 1.86; 7100;occ; 106; 0;48230
22; 7082.2; 21-MAY-2011 16:25:42; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;48230
23; 7207.2; 21-MAY-2011 16:27:47; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;48230

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2; 958.8; 21-MAY-2011 19:44:21; Dark ; 52.5; 40; The Sco ; 1.86; 7100;occ; 105; 0;48232
3; 1069.1; 21-MAY-2011 19:46:11; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;48232
4; 1193.8; 21-MAY-2011 19:48:16; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;48232
5; 1366.5; 21-MAY-2011 19:51:09; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;48232
6; 1462.1; 21-MAY-2011 19:52:44; Bright; 44.0; 80; 7Del Sco ; 2.32; 30000;occ; 88; 0;48232
7; 1566.3; 21-MAY-2011 19:54:29; Bright; 53.5; 86; 35Eta Oph ; 2.43; 10200;occ; 107; 0;48232
8; 1689.0; 21-MAY-2011 19:56:31; Bright; 47.0; 98; 13Zet Oph ; 2.57; 30000;occ; 94; 0;48232
9; 1829.3; 21-MAY-2011 19:58:52; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48232
10; 2014.3; 21-MAY-2011 20:01:57; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;48232
11; 2383.0; 21-MAY-2011 20:08:05; Bright; 40.5; 67; 5Alp CrB ; 2.22; 11000;occ; 81; 0;48232
12; 2599.6; 21-MAY-2011 20:11:42; Bright; 51.0; 133; 40Zet Her ; 2.81; 6000;occ; 102; 0;48232
13; 3034.6; 21-MAY-2011 20:18:57; Bright; 59.0; 119; 14Eta Dra ; 2.73; 4700;occ; 118; 0;48232
14; 3135.1; 21-MAY-2011 20:20:37; Bright; 54.5; 69; 33Gam Dra ; 2.23; 3800;occ; 109; 0;48232
15; 3683.8; 21-MAY-2011 20:29:46; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;48232
16; 3933.5; 21-MAY-2011 20:33:56; Bright; 57.0; 74; 11Bet Cas ; 2.27; 6600;occ; 114; 0;48232
17; 4507.5; 21-MAY-2011 20:43:30; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;48232
18; 4770.7; 21-MAY-2011 20:47:53; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;48232
19; 4893.6; 21-MAY-2011 20:49:56; Dark ; 58.0; 90; 54Alp Peg ; 2.49; 11000;occ; 116; 0;48232

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2; -117.8; 21-MAY-2011 21:06:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48232
3; 62.3; 21-MAY-2011 21:09:39; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;48233
4; 385.9; 21-MAY-2011 21:15:02; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;48233
5; 863.2; 21-MAY-2011 21:23:00; Dark ; 44.0; 147; Alp Ara ; 2.88; 26000;occ; 88; 0;48233
6; 959.4; 21-MAY-2011 21:24:36; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;48233
7; 1069.7; 21-MAY-2011 21:26:26; Dark ; 54.5; 25; 35Lam Sco ; 1.62; 28000;occ; 109; 0;48233
8; 1194.2; 21-MAY-2011 21:28:30; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;48233
9; 1366.9; 21-MAY-2011 21:31:23; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;48233
10; 1462.2; 21-MAY-2011 21:32:59; Bright; 51.0; 80; 7Del Sco ; 2.32; 30000;occ; 102; 0;48233
11; 1566.3; 21-MAY-2011 21:34:43; Bright; 54.0; 86; 35Eta Oph ; 2.43; 10200;occ; 108; 0;48233
12; 1689.0; 21-MAY-2011 21:36:45; Bright; 47.0; 98; 13Zet Oph ; 2.57; 30000;occ; 94; 0;48233
13; 1829.2; 21-MAY-2011 21:39:06; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48233
14; 2013.9; 21-MAY-2011 21:42:10; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;48233
15; 2382.6; 21-MAY-2011 21:48:19; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;48233
16; 2598.9; 21-MAY-2011 21:51:55; Bright; 47.5; 133; 40Zet Her ; 2.81; 6000;occ; 95; 0;48233
17; 3034.2; 21-MAY-2011 21:59:10; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;48233
18; 3134.2; 21-MAY-2011 22:00:51; Bright; 55.0; 69; 33Gam Dra ; 2.23; 3800;occ; 110; 0;48233
19; 3683.1; 21-MAY-2011 22:09:59; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;48233
20; 3933.3; 21-MAY-2011 22:14:10; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;48233
21; 4507.7; 21-MAY-2011 22:23:44; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;48233
22; 4771.0; 21-MAY-2011 22:28:07; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;48233
23; 4894.1; 21-MAY-2011 22:30:10; Dark ; 60.0; 90; 54Alp Peg ; 2.49; 11000;occ; 120; 0;48233

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1; -277.6; 21-MAY-2011 22:44:13; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;48233
2; -116.8; 21-MAY-2011 22:46:53; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;48233
3; 63.2; 21-MAY-2011 22:49:53; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;48234
4; 386.7; 21-MAY-2011 22:55:17; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48234

5; 863.7; 21-MAY-2011 23:03:14; Dark ; 41.5; 147; Alp Ara ; 2.88; 26000;occ; 83; 0;48234
6; 959.7; 21-MAY-2011 23:04:50; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;48234
7; 1070.4; 21-MAY-2011 23:06:41; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;48234
8; 1194.5; 21-MAY-2011 23:08:45; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;48234
9; 1366.9; 21-MAY-2011 23:11:37; Dark ; 54.5; 16; 21Alp Sco ; 1.02; 3000;occ; 109; 0;48234
10; 1462.4; 21-MAY-2011 23:13:13; Bright; 44.0; 80; 7Del Sco ; 2.32; 30000;occ; 88; 0;48234
11; 1566.3; 21-MAY-2011 23:14:57; Bright; 53.0; 86; 35Eta Oph ; 2.43; 10200;occ; 106; 0;48234
12; 1688.8; 21-MAY-2011 23:16:59; Bright; 48.5; 98; 13Zet Oph ; 2.57; 30000;occ; 97; 0;48234
13; 1829.1; 21-MAY-2011 23:19:19; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48234
14; 2013.7; 21-MAY-2011 23:22:24; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;48234
15; 2382.2; 21-MAY-2011 23:28:32; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;48234
16; 2598.1; 21-MAY-2011 23:32:08; Bright; 52.5; 133; 40Zet Her ; 2.81; 6000;occ; 105; 0;48234
17; 3033.6; 21-MAY-2011 23:39:24; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;48234
18; 3133.1; 21-MAY-2011 23:41:03; Bright; 47.0; 69; 33Gam Dra ; 2.23; 3800;occ; 94; 0;48234
19; 3682.8; 21-MAY-2011 23:50:13; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;48234
20; 3933.3; 21-MAY-2011 23:54:23; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;48234
21; 4507.8; 22-MAY-2011 00:03:58; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;48234
22; 4771.3; 22-MAY-2011 00:08:22; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;48234
23; 4895.0; 22-MAY-2011 00:10:25; Dark ; 61.0; 90; 54Alp Peg ; 2.49; 11000;occ; 122; 0;48234

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2; 1193.4; 21-MAY-2011 18:08:02; Dark ; 52.0; 75; 26Eps Sco ; 2.29; 4250;occ; 104; 0;48231
3; 1366.4; 21-MAY-2011 18:10:55; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;48231
4; 1461.9; 21-MAY-2011 18:12:30; Bright; 44.5; 80; 7Del Sco ; 2.32; 30000;occ; 89; 0;48231
5; 1566.3; 21-MAY-2011 18:14:15; Bright; 54.5; 86; 35Eta Oph ; 2.43; 10200;occ; 109; 0;48231
6; 1689.1; 21-MAY-2011 18:16:17; Bright; 48.5; 98; 13Zet Oph ; 2.57; 30000;occ; 97; 0;48231
7; 1829.6; 21-MAY-2011 18:18:38; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48231
8; 2014.4; 21-MAY-2011 18:21:43; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;48231
9; 2383.3; 21-MAY-2011 18:27:52; Bright; 39.5; 67; 5Alp CrB ; 2.22; 11000;occ; 79; 0;48231
10; 2600.5; 21-MAY-2011 18:31:29; Bright; 51.5; 133; 40Zet Her ; 2.81; 6000;occ; 103; 0;48231
11; 3035.2; 21-MAY-2011 18:38:44; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;48231
12; 3136.2; 21-MAY-2011 18:40:24; Bright; 55.0; 69; 33Gam Dra ; 2.23; 3800;occ; 110; 0;48231
13; 3684.4; 21-MAY-2011 18:49:33; Bright; 53.5; 89; 5Alp Cep ; 2.45; 8000;occ; 107; 0;48231
14; 3933.7; 21-MAY-2011 18:53:42; Bright; 36.0; 74; 11Bet Cas ; 2.27; 6600;occ; 72; 0;48231
15; 4507.6; 21-MAY-2011 19:03:16; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;48231
16; 4770.4; 21-MAY-2011 19:07:39; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;48231
17; 4892.9; 21-MAY-2011 19:09:41; Dark ; 63.5; 90; 54Alp Peg ; 2.49; 11000;occ; 127; 0;48231
18; 5734.8; 21-MAY-2011 19:23:43; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;48231
19; 5895.2; 21-MAY-2011 19:26:24; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;48231
20; 6075.6; 21-MAY-2011 19:29:24; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;48232
21; 6399.4; 21-MAY-2011 19:34:48; Dark ; 46.5; 45; Alp Pav ; 1.94; 26000;occ; 93; 0;48232
22; 6876.9; 21-MAY-2011 19:42:45; Dark ; 41.0; 147; Alp Ara ; 2.88; 26000;occ; 82; 0;48232
23; 6972.9; 21-MAY-2011 19:44:21; Dark ; 4.5; 40; The Sco ; 1.86; 7100;occ; 9; 0;48232

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2; -115.8; 22-MAY-2011 00:27:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48234
3; 64.0; 22-MAY-2011 00:30:08; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;48235
4; 387.3; 22-MAY-2011 00:35:31; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48235
5; 864.1; 22-MAY-2011 00:43:28; Dark ; 44.0; 147; Alp Ara ; 2.88; 26000;occ; 88; 0;48235
6; 960.5; 22-MAY-2011 00:45:05; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;48235
7; 1070.8; 22-MAY-2011 00:46:55; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;48235
8; 1194.7; 22-MAY-2011 00:48:59; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;48235
9; 1367.2; 22-MAY-2011 00:51:51; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;48235
10; 1462.5; 22-MAY-2011 00:53:27; Bright; 46.0; 80; 7Del Sco ; 2.32; 30000;occ; 92; 0;48235
11; 1566.6; 22-MAY-2011 00:55:11; Bright; 54.5; 86; 35Eta Oph ; 2.43; 10200;occ; 109; 0;48235
12; 1688.9; 22-MAY-2011 00:57:13; Bright; 47.5; 98; 13Zet Oph ; 2.57; 30000;occ; 95; 0;48235
13; 1828.9; 22-MAY-2011 00:59:33; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48235
14; 2013.6; 22-MAY-2011 01:02:38; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;48235
15; 2382.1; 22-MAY-2011 01:08:46; Bright; 41.0; 67; 5Alp CrB ; 2.22; 11000;occ; 82; 0;48235
16; 2597.2; 22-MAY-2011 01:12:21; Bright; 51.0; 133; 40Zet Her ; 2.81; 6000;occ; 102; 0;48235
17; 3033.4; 22-MAY-2011 01:19:38; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;48235
18; 3132.4; 22-MAY-2011 01:21:17; Bright; 54.5; 69; 33Gam Dra ; 2.23; 3800;occ; 109; 0;48235
19; 3682.3; 22-MAY-2011 01:30:26; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;48235
20; 3933.3; 22-MAY-2011 01:34:37; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;48235
21; 4508.1; 22-MAY-2011 01:44:12; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;48235
22; 4771.8; 22-MAY-2011 01:48:36; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;48235
23; 4895.7; 22-MAY-2011 01:50:40; Dark ; 60.5; 90; 54Alp Peg ; 2.49; 11000;occ; 121; 0;48235

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 2; -114.7; 22-MAY-2011 02:07:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;48235
 3; 64.8; 22-MAY-2011 02:10:23; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;48236
 4; 388.4; 22-MAY-2011 02:15:46; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48236
 5; 864.9; 22-MAY-2011 02:23:43; Dark ; 44.0; 147; Alp Ara ; 2.88; 26000;occ; 88; 0;48236
 6; 961.1; 22-MAY-2011 02:25:19; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;48236
 7; 1071.3; 22-MAY-2011 02:27:09; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;48236
 8; 1195.1; 22-MAY-2011 02:29:13; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;48236
 9; 1367.5; 22-MAY-2011 02:32:06; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;48236
 10; 1462.7; 22-MAY-2011 02:33:41; Bright; 46.5; 80; 7Del Sco ; 2.32; 30000;occ; 93; 0;48236
 11; 1566.7; 22-MAY-2011 02:35:25; Bright; 54.0; 86; 35Eta Oph ; 2.43; 10200;occ; 108; 0;48236
 12; 1688.8; 22-MAY-2011 02:37:27; Bright; 48.0; 98; 13Zet Oph ; 2.57; 30000;occ; 96; 0;48236
 13; 1829.0; 22-MAY-2011 02:39:47; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48236
 14; 2013.6; 22-MAY-2011 02:42:52; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;48236
 15; 2381.7; 22-MAY-2011 02:49:00; Bright; 43.0; 67; 5Alp CrB ; 2.22; 11000;occ; 86; 0;48236
 16; 2596.5; 22-MAY-2011 02:52:35; Bright; 49.0; 133; 40Zet Her ; 2.81; 6000;occ; 98; 0;48236
 17; 3033.2; 22-MAY-2011 02:59:51; Bright; 59.0; 119; 14Eta Dra ; 2.73; 4700;occ; 118; 0;48236
 18; 3131.3; 22-MAY-2011 03:01:29; Bright; 54.5; 69; 33Gam Dra ; 2.23; 3800;occ; 109; 0;48236

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 2;-2080.8; 22-MAY-2011 03:14:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;48236
 3;-1505.8; 22-MAY-2011 03:24:26; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;48236
 4;-1241.7; 22-MAY-2011 03:28:50; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;48236
 5;-1117.6; 22-MAY-2011 03:30:54; Dark ; 62.5; 90; 54Alp Peg ; 2.49; 11000;occ; 125; 0;48236
 6; -274.6; 22-MAY-2011 03:44:57; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;48236
 7; -113.7; 22-MAY-2011 03:47:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48236
 8; 66.0; 22-MAY-2011 03:50:38; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;48237
 9; 389.0; 22-MAY-2011 03:56:01; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;48237
 10; 865.4; 22-MAY-2011 04:03:57; Dark ; 43.0; 147; Alp Ara ; 2.88; 26000;occ; 86; 0;48237
 11; 961.6; 22-MAY-2011 04:05:34; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;48237
 12; 1072.2; 22-MAY-2011 04:07:24; Dark ; 52.0; 25; 35Lam Sco ; 1.62; 28000;occ; 104; 0;48237
 13; 1195.8; 22-MAY-2011 04:09:28; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;48237
 14; 1368.1; 22-MAY-2011 04:12:20; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;48237
 15; 1463.1; 22-MAY-2011 04:13:55; Bright; 58.0; 80; 7Del Sco ; 2.32; 30000;occ; 116; 0;48237
 16; 1567.0; 22-MAY-2011 04:15:39; Bright; 53.0; 86; 35Eta Oph ; 2.43; 10200;occ; 106; 0;48237
 17; 1689.0; 22-MAY-2011 04:17:41; Bright; 47.5; 98; 13Zet Oph ; 2.57; 30000;occ; 95; 0;48237
 18; 1829.1; 22-MAY-2011 04:20:01; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48237
 19; 2013.6; 22-MAY-2011 04:23:06; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;48237
 20; 2381.6; 22-MAY-2011 04:29:14; Bright; 41.5; 67; 5Alp CrB ; 2.22; 11000;occ; 83; 0;48237
 21; 2595.8; 22-MAY-2011 04:32:48; Bright; 50.5; 133; 40Zet Her ; 2.81; 6000;occ; 101; 0;48237
 22; 3032.8; 22-MAY-2011 04:40:05; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;48237
 23; 3130.4; 22-MAY-2011 04:41:43; Bright; 50.0; 69; 33Gam Dra ; 2.23; 3800;occ; 100; 0;48237

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