

GOMOS Daily Report 04-AUG-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	07AUG2011 07:12:08
Data source version	GOMOS/6.01
Start time of products	04AUG2011 00:00:15
Stop time of products	04AUG2011 23:58:53
Store outputs in DB	Yes
Nb of level 1b prods	314
Nb of prods with errors	1

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

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

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

Red segments are missing products.

Blue segments are available products.

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

! DMOP (mission plan) file not available for current day: plot NOT generated.

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

! DMOP (mission plan) file not available for current day: information on missing products NOT generated.

2.4 Summary of processed GOM_TRA_1P products

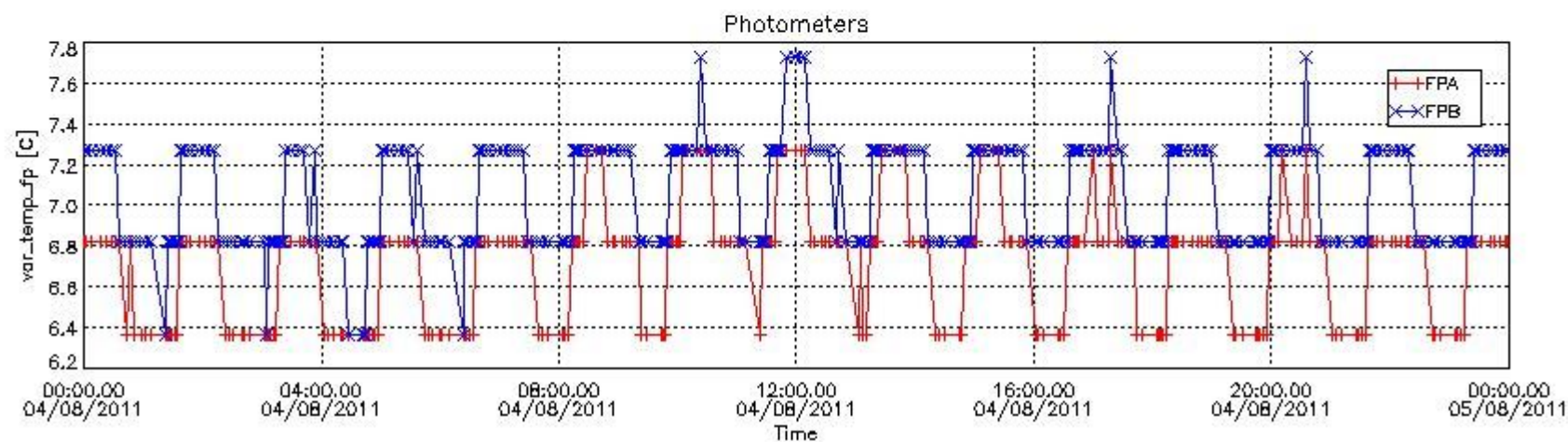
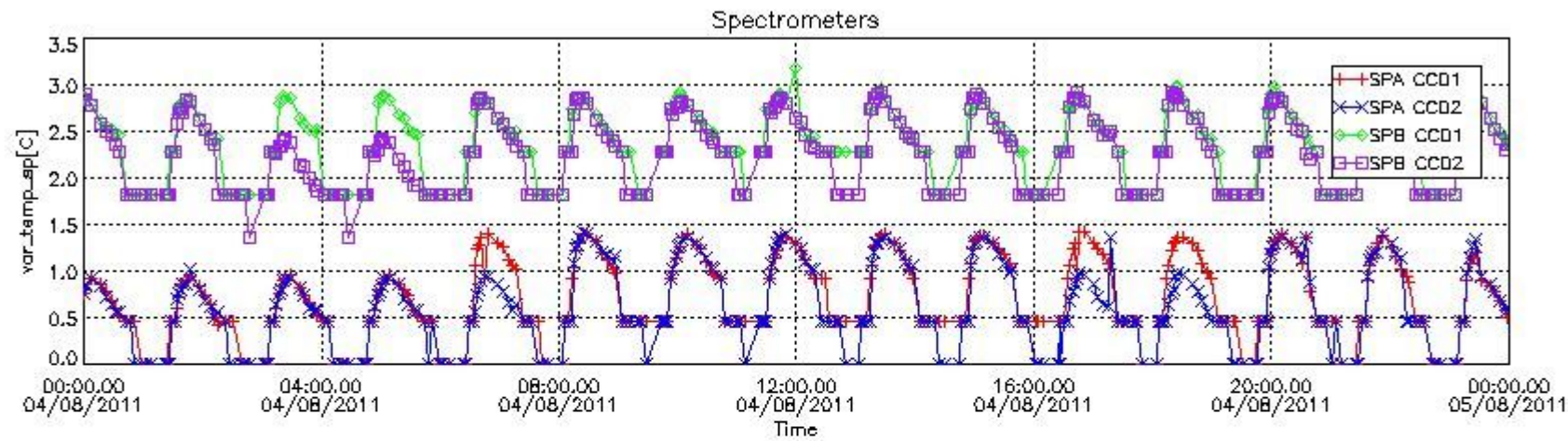
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110804_000015_000000413105_00145_49297_0893.N1	04-AUG-2011 00:00:15	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	49297	No
2	GOM_TRA_1PNPDE20110804_000248_000000483105_00145_49297_0894.N1	04-AUG-2011 00:02:48	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49297	No
3	GOM_TRA_1PNPDE20110804_000750_000000603105_00145_49297_0896.N1	04-AUG-2011 00:07:50	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	49297	No
4	GOM_TRA_1PNPDE20110804_001713_000000483105_00146_49298_0897.N1	04-AUG-2011 00:17:13	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49298	No
5	GOM_TRA_1PNPDE20110804_002226_000000533105_00146_49298_0898.N1	04-AUG-2011 00:22:26	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49298	No
6	GOM_TRA_1PNPDE20110804_002730_000000533105_00146_49298_0899.N1	04-AUG-2011 00:27:30	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49298	No
7	GOM_TRA_1PNPDE20110804_003226_000000493105_00146_49298_0900.N1	04-AUG-2011 00:32:26	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49298	No
8	GOM_TRA_1PNPDE20110804_003532_000000463105_00146_49298_0901.N1	04-AUG-2011 00:35:32	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49298	No
9	GOM_TRA_1PNPDE20110804_004252_000000513105_00146_49298_0902.N1	04-AUG-2011 00:42:52	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49298	No
10	GOM_TRA_1PNPDE20110804_004649_000000503105_00146_49298_0903.N1	04-AUG-2011 00:46:49	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49298	No
11	GOM_TRA_1PNPDE20110804_005052_000000393105_00146_49298_0904.N1	04-AUG-2011 00:50:52	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49298	No
12	GOM_TRA_1PNPDE20110804_005906_000000403105_00146_49298_0905.N1	04-AUG-2011 00:59:06	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49298	No
13	GOM_TRA_1PNPDE20110804_010118_000000353105_00146_49298_0906.N1	04-AUG-2011 01:01:18	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	49298	No
14	GOM_TRA_1PNPDE20110804_010739_000000413105_00146_49298_0907.N1	04-AUG-2011 01:07:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49298	No
15	GOM_TRA_1PNPDE20110804_012223_000000553105_00146_49298_0908.N1	04-AUG-2011 01:22:23	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	49298	No
16	GOM_TRA_1PNPDE20110804_012407_000000493105_00146_49298_0909.N1	04-AUG-2011 01:24:07	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49298	No
17	GOM_TRA_1PNPDE20110804_012628_000000443105_00146_49298_0910.N1	04-AUG-2011 01:26:28	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	49298	No
18	GOM_TRA_1PNPDE20110804_012817_000000503105_00146_49298_0911.N1	04-AUG-2011 01:28:17	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49298	No
19	GOM_TRA_1PNPDE20110804_013149_000000483105_00146_49298_0912.N1	04-AUG-2011 01:31:49	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	49298	No
20	GOM_TRA_1PNPDE20110804_013357_000000393105_00146_49298_0913.N1	04-AUG-2011 01:33:57	Twilight_stray	38.500	176	23Zet Tau	3.0200	22000.	77	49298	No
21	GOM_TRA_1PNPDE20110804_013636_000000563105_00146_49298_0914.N1	04-AUG-2011 01:36:36	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49298	No
22	GOM_TRA_1PNPDE20110804_013834_000000433105_00146_49298_0915.N1	04-AUG-2011 01:38:34	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49298	No
23	GOM_TRA_1PNPDE20110804_014029_000000433105_00146_49298_0916.N1	04-AUG-2011 01:40:29	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	49298	No
24	GOM_TRA_1PNPDE20110804_014303_000000483105_00146_49298_0932.N1	04-AUG-2011 01:43:03	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49298	No
25	GOM_TRA_1PNPDE20110804_014805_000000613105_00146_49298_0933.N1	04-AUG-2011 01:48:05	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	49298	No
26	GOM_TRA_1PNPDE20110804_015728_000000473105_00147_49299_0934.N1	04-AUG-2011 01:57:28	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49299	No
27	GOM_TRA_1PNPDE20110804_020241_000000443105_00147_49299_0935.N1	04-AUG-2011 02:02:41	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49299	No
28	GOM_TRA_1PNPDE20110804_020745_000000533105_00147_49299_0936.N1	04-AUG-2011 02:07:45	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49299	No
29	GOM_TRA_1PNPDE20110804_021241_000000443105_00147_49299_0937.N1	04-AUG-2011 02:12:41	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49299	No
30	GOM_TRA_1PNPDE20110804_021546_000000463105_00147_49299_0938.N1	04-AUG-2011 02:15:46	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49299	No

31	GOM_TRA_1PNPDE20110804_022306_000000503105_00147_49299_0939.N1	04-AUG-2011 02:23:06	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49299	No
32	GOM_TRA_1PNPDE20110804_022703_000000503105_00147_49299_0940.N1	04-AUG-2011 02:27:03	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49299	No
33	GOM_TRA_1PNPDE20110804_023106_000000373105_00147_49299_0941.N1	04-AUG-2011 02:31:06	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	49299	No
34	GOM_TRA_1PNPDE20110804_023919_000000433105_00147_49299_0942.N1	04-AUG-2011 02:39:19	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	49299	No
35	GOM_TRA_1PNPDE20110804_024131_000000363105_00147_49299_0943.N1	04-AUG-2011 02:41:31	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49299	No
36	GOM_TRA_1PNPDE20110804_024753_000000403105_00147_49299_0944.N1	04-AUG-2011 02:47:53	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49299	No
37	GOM_TRA_1PNPDE20110804_030237_000000553105_00147_49299_0976.N1	04-AUG-2011 03:02:37	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	49299	No
38	GOM_TRA_1PNPDE20110804_030421_000000523105_00147_49299_0977.N1	04-AUG-2011 03:04:21	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	49299	No
39	GOM_TRA_1PNPDE20110804_030642_000000473105_00147_49299_0978.N1	04-AUG-2011 03:06:42	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49299	No
40	GOM_TRA_1PNPDE20110804_030831_000000493105_00147_49299_0979.N1	04-AUG-2011 03:08:31	Bright	49.000	149	45Eps Per	2.8880	30000.	98	49299	No
41	GOM_TRA_1PNPDE20110804_031204_000000473105_00147_49299_0980.N1	04-AUG-2011 03:12:04	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	49299	No
42	GOM_TRA_1PNPDE20110804_031411_000000413105_00147_49299_0981.N1	04-AUG-2011 03:14:11	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49299	No
43	GOM_TRA_1PNPDE20110804_031651_000000573105_00147_49299_0982.N1	04-AUG-2011 03:16:51	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	49299	No
44	GOM_TRA_1PNPDE20110804_031849_000000443105_00147_49299_0983.N1	04-AUG-2011 03:18:49	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49299	No
45	GOM_TRA_1PNPDE20110804_032044_000000433105_00147_49299_0984.N1	04-AUG-2011 03:20:44	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	49299	No
46	GOM_TRA_1PNPDE20110804_032317_000000483105_00147_49299_0985.N1	04-AUG-2011 03:23:17	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49299	No
47	GOM_TRA_1PNPDE20110804_032820_000000543105_00147_49299_0986.N1	04-AUG-2011 03:28:20	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	49299	No
48	GOM_TRA_1PNPDE20110804_033743_000000493105_00148_49300_0987.N1	04-AUG-2011 03:37:43	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49300	No
49	GOM_TRA_1PNPDE20110804_034256_000000473105_00148_49300_0988.N1	04-AUG-2011 03:42:56	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49300	No
50	GOM_TRA_1PNPDE20110804_034800_000000543105_00148_49300_0989.N1	04-AUG-2011 03:48:00	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49300	No
51	GOM_TRA_1PNPDE20110804_035255_000000433105_00148_49300_0990.N1	04-AUG-2011 03:52:55	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49300	No
52	GOM_TRA_1PNPDE20110804_035600_000000453105_00148_49300_0991.N1	04-AUG-2011 03:56:00	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49300	No
53	GOM_TRA_1PNPDE20110804_040320_000000493105_00148_49300_0992.N1	04-AUG-2011 04:03:20	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	49300	No
54	GOM_TRA_1PNPDE20110804_040717_000000513105_00148_49300_0993.N1	04-AUG-2011 04:07:17	Bright	50.500	154	22Bet Aqr	2.8990	5700.0	101	49300	No
55	GOM_TRA_1PNPDE20110804_041120_000000373105_00148_49300_0994.N1	04-AUG-2011 04:11:20	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	49300	No
56	GOM_TRA_1PNPDE20110804_041933_000000433105_00148_49300_0995.N1	04-AUG-2011 04:19:33	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49300	No
57	GOM_TRA_1PNPDE20110804_042145_000000383105_00148_49300_0996.N1	04-AUG-2011 04:21:45	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49300	No
58	GOM_TRA_1PNPDE20110804_042807_000000373105_00148_49300_0997.N1	04-AUG-2011 04:28:07	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49300	No
59	GOM_TRA_1PNPDE20110804_044251_000000503105_00148_49300_1001.N1	04-AUG-2011 04:42:51	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	49300	No
60	GOM_TRA_1PNPDE20110804_044435_000000473105_00148_49300_1002.N1	04-AUG-2011 04:44:35	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49300	No
61	GOM_TRA_1PNPDE20110804_044540_000000533105_00148_49300_1003.N1	04-AUG-2011 04:45:40	Bright	52.500	175	39Del Per	3.0100	19400.	105	49300	No
62	GOM_TRA_1PNPDE20110804_044845_000000473105_00148_49300_1004.N1	04-AUG-2011 04:48:45	Bright	46.500	149	45Eps Per	2.8880	30000.	93	49300	No
63	GOM_TRA_1PNPDE20110804_045218_000000473105_00148_49300_1005.N1	04-AUG-2011 04:52:18	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	49300	No
64	GOM_TRA_1PNPDE20110804_045426_000000423105_00148_49300_1006.N1	04-AUG-2011 04:54:26	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49300	No
65	GOM_TRA_1PNPDE20110804_045705_000000603105_00148_49300_1007.N1	04-AUG-2011 04:57:05	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	49300	No
66	GOM_TRA_1PNPDE20110804_045903_000000453105_00148_49300_1008.N1	04-AUG-2011 04:59:03	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	49300	No
67	GOM_TRA_1PNPDE20110804_050058_000000443105_00148_49300_1009.N1	04-AUG-2011 05:00:58	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	49300	No
68	GOM_TRA_1PNPDE20110804_050332_000000503105_00148_49300_1010.N1	04-AUG-2011 05:03:32	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49300	No
69	GOM_TRA_1PNPDE20110804_050836_000000603105_00148_49300_1011.N1	04-AUG-2011 05:08:36	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	49300	No
70	GOM_TRA_1PNPDE20110804_051758_000000493105_00149_49301_1012.N1	04-AUG-2011 05:17:58	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49301	No
71	GOM_TRA_1PNPDE20110804_052311_000000513105_00149_49301_1013.N1	04-AUG-2011 05:23:11	Dark	51.000	9	Alp Eri	0.45300	24000.	102	49301	No
72	GOM_TRA_1PNPDE20110804_052815_000000653105_00149_49301_1014.N1	04-AUG-2011 05:28:15	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	49301	No
73	GOM_TRA_1PNPDE20110804_053310_000000463105_00149_49301_1015.N1	04-AUG-2011 05:33:10	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	49301	No
74	GOM_TRA_1PNPDE20110804_053615_000000443105_00149_49301_1016.N1	04-AUG-2011 05:36:15	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	49301	No
75	GOM_TRA_1PNPDE20110804_054334_000000513105_00149_49301_1017.N1	04-AUG-2011 05:43:34	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49301	No
76	GOM_TRA_1PNPDE20110804_054730_000000503105_00149_49301_1018.N1	04-AUG-2011 05:47:30	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49301	No
77	GOM_TRA_1PNPDE20110804_055135_000000373105_00149_49301_1019.N1	04-AUG-2011 05:51:35	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	49301	No
78	GOM_TRA_1PNPDE20110804_055947_000000433105_00149_49301_1020.N1	04-AUG-2011 05:59:47	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49301	No
79	GOM_TRA_1PNPDE20110804_060159_000000373105_00149_49301_1021.N1	04-AUG-2011 06:01:59	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49301	No
80	GOM_TRA_1PNPDE20110804_060820_000000563105_00149_49301_1022.N1	04-AUG-2011 06:08:20	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	49301	No
81	GOM_TRA_1PNPDK20110804_062304_000000513105_00149_49301_5555.N1	04-AUG-2011 06:23:04	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	49301	No
82	GOM_TRA_1PNPDK20110804_062449_000000473105_00149_49301_5556.N1	04-AUG-2011 06:24:49	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49301	No
83	GOM_TRA_1PNPDK20110804_062554_000000553105_00149_49301_5557.N1	04-AUG-2011 06:25:54	Bright	54.500	175	39Del Per	3.0100	19400.	109	49301	No
84	GOM_TRA_1PNPDK20110804_062859_000000483105_00149_49301_5558.N1	04-AUG-2011 06:28:59	Bright	48.000	149	45Eps Per	2.8880	30000.	96	49301	No
85	GOM_TRA_1PNPDK20110804_063232_000000483105_00149_49301_5559.N1	04-AUG-2011 06:32:32	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	49301	No
86	GOM_TRA_1PNPDK20110804_063440_000000433105_00149_49301_5560.N1	04-AUG-2011 06:34:40	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	49301	No
87	GOM_TRA_1PNPDK20110804_063720_000000603105_00149_49301_5561.N1	04-AUG-2011 06:37:20	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	49301	No
88	GOM_TRA_1PNPDK20110804_063917_000000453105_00149_49301_5562.N1	04-AUG-2011 06:39:17	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49301	No
89	GOM_TRA_1PNPDK20110804_064112_000000423105_00149_49301_5563.N1	04-AUG-2011 06:41:12	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49301	No

90	GOM_TRA_1PNPDK20110804_064347_000000503105_00149_49301_5564.N1	04-AUG-2011 06:43:47	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	49301	No
91	GOM_TRA_1PNPDK20110804_064851_000000613105_00149_49301_5565.N1	04-AUG-2011 06:48:51	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	49301	No
92	GOM_TRA_1PNPDK20110804_065813_000000483105_00150_49302_5566.N1	04-AUG-2011 06:58:13	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49302	No
93	GOM_TRA_1PNPDK20110804_070326_000000553105_00150_49302_5567.N1	04-AUG-2011 07:03:26	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49302	No
94	GOM_TRA_1PNPDK20110804_070830_000000543105_00150_49302_5568.N1	04-AUG-2011 07:08:30	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49302	No
95	GOM_TRA_1PNPDK20110804_071324_000000433105_00150_49302_5569.N1	04-AUG-2011 07:13:24	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49302	No
96	GOM_TRA_1PNPDK20110804_071629_000000453105_00150_49302_5570.N1	04-AUG-2011 07:16:29	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49302	No
97	GOM_TRA_1PNPDK20110804_072348_000000493105_00150_49302_5571.N1	04-AUG-2011 07:23:48	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	49302	No
98	GOM_TRA_1PNPDK20110804_072744_000000493105_00150_49302_5592.N1	04-AUG-2011 07:27:44	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	49302	No
99	GOM_TRA_1PNPDK20110804_073149_000000383105_00150_49302_5593.N1	04-AUG-2011 07:31:49	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49302	No
100	GOM_TRA_1PNPDK20110804_074000_000000433105_00150_49302_5594.N1	04-AUG-2011 07:40:00	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	49302	No
101	GOM_TRA_1PNPDK20110804_074213_000000373105_00150_49302_5595.N1	04-AUG-2011 07:42:13	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49302	No
102	GOM_TRA_1PNPDK20110804_074834_000000403105_00150_49302_5596.N1	04-AUG-2011 07:48:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49302	No
103	GOM_TRA_1PNPDK20110804_080318_000000473105_00150_49302_5597.N1	04-AUG-2011 08:03:18	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	49302	No
104	GOM_TRA_1PNPDK20110804_080502_000000423105_00150_49302_5598.N1	04-AUG-2011 08:05:02	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	49302	No
105	GOM_TRA_1PNPDK20110804_080608_000000483105_00150_49302_5599.N1	04-AUG-2011 08:06:08	Bright	48.000	175	39Del Per	3.0100	19400.	96	49302	No
106	GOM_TRA_1PNPDK20110804_080913_000000483105_00150_49302_5600.N1	04-AUG-2011 08:09:13	Bright	48.000	149	45Eps Per	2.8880	30000.	96	49302	No
107	GOM_TRA_1PNPDK20110804_081246_000000473105_00150_49302_5601.N1	04-AUG-2011 08:12:46	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	49302	No
108	GOM_TRA_1PNPDK20110804_081454_000000423105_00150_49302_5602.N1	04-AUG-2011 08:14:54	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49302	No
109	GOM_TRA_1PNPDK20110804_081734_000000643105_00150_49302_5603.N1	04-AUG-2011 08:17:34	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	49302	No
110	GOM_TRA_1PNPDK20110804_081932_000000443105_00150_49302_5604.N1	04-AUG-2011 08:19:32	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49302	No
111	GOM_TRA_1PNPDK20110804_082127_000000413105_00150_49302_5605.N1	04-AUG-2011 08:21:27	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	49302	No
112	GOM_TRA_1PNPDK20110804_082401_000000473105_00150_49302_5606.N1	04-AUG-2011 08:24:01	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	49302	No
113	GOM_TRA_1PNPDK20110804_082906_000000613105_00150_49302_5607.N1	04-AUG-2011 08:29:06	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	49302	No
114	GOM_TRA_1PNPDK20110804_083828_000000473105_00151_49303_5608.N1	04-AUG-2011 08:38:28	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49303	No
115	GOM_TRA_1PNPDK20110804_084340_000000563105_00151_49303_5609.N1	04-AUG-2011 08:43:40	Dark	55.500	9	Alp Eri	0.45300	24000.	111	49303	No
116	GOM_TRA_1PNPDK20110804_084845_000000703105_00151_49303_5610.N1	04-AUG-2011 08:48:45	Straylight	70.000	84	Alp Phe	2.3970	4500.0	140	49303	No
117	GOM_TRA_1PNPDK20110804_085339_000000473105_00151_49303_5611.N1	04-AUG-2011 08:53:39	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49303	No
118	GOM_TRA_1PNPDK20110804_085644_000000453105_00151_49303_5612.N1	04-AUG-2011 08:56:44	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49303	No
119	GOM_TRA_1PNPDK20110804_090402_000000503105_00151_49303_5613.N1	04-AUG-2011 09:04:02	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49303	No
120	GOM_TRA_1PNPDK20110804_090758_000000493105_00151_49303_5635.N1	04-AUG-2011 09:07:58	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	49303	No
121	GOM_TRA_1PNPDK20110804_091202_000000373105_00151_49303_5636.N1	04-AUG-2011 09:12:02	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	49303	No
122	GOM_TRA_1PNPDK20110804_092014_000000403105_00151_49303_5637.N1	04-AUG-2011 09:20:14	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49303	No
123	GOM_TRA_1PNPDK20110804_092227_000000373105_00151_49303_5638.N1	04-AUG-2011 09:22:27	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	49303	No
124	GOM_TRA_1PNPDK20110804_092848_000000403105_00151_49303_5639.N1	04-AUG-2011 09:28:48	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49303	No
125	GOM_TRA_1PNPDK20110804_094331_000000473105_00151_49303_5640.N1	04-AUG-2011 09:43:31	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	49303	No
126	GOM_TRA_1PNPDK20110804_094516_000000423105_00151_49303_5641.N1	04-AUG-2011 09:45:16	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	49303	No
127	GOM_TRA_1PNPDK20110804_094621_000000473105_00151_49303_5642.N1	04-AUG-2011 09:46:21	Bright	46.500	175	39Del Per	3.0100	19400.	93	49303	No
128	GOM_TRA_1PNPDK20110804_094927_000000493105_00151_49303_5643.N1	04-AUG-2011 09:49:27	Bright	48.500	149	45Eps Per	2.8880	30000.	97	49303	No
129	GOM_TRA_1PNPDK20110804_095300_000000483105_00151_49303_5644.N1	04-AUG-2011 09:53:00	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	49303	No
130	GOM_TRA_1PNPDK20110804_095508_000000423105_00151_49303_5645.N1	04-AUG-2011 09:55:08	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49303	No
131	GOM_TRA_1PNPDK20110804_095748_000000653105_00151_49303_5646.N1	04-AUG-2011 09:57:48	Dark	64.500	13	87Alp Tau	0.86700	3800.0	129	49303	No
132	GOM_TRA_1PNPDK20110804_095946_000000453105_00151_49303_5647.N1	04-AUG-2011 09:59:46	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49303	No
133	GOM_TRA_1PNPDK20110804_100141_000000413105_00151_49303_5648.N1	04-AUG-2011 10:01:41	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	49303	No
134	GOM_TRA_1PNPDK20110804_100416_000000503105_00151_49303_5649.N1	04-AUG-2011 10:04:16	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49303	No
135	GOM_TRA_1PNPDK20110804_100921_000000613105_00151_49303_5650.N1	04-AUG-2011 10:09:21	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	49303	No
136	GOM_TRA_1PNPDK20110804_101843_000000493105_00152_49304_5651.N1	04-AUG-2011 10:18:43	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49304	No
137	GOM_TRA_1PNPDK20110804_102355_000000433105_00152_49304_5652.N1	04-AUG-2011 10:23:55	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49304	No
138	GOM_TRA_1PNPDK20110804_102900_000000573105_00152_49304_5653.N1	04-AUG-2011 10:29:00	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49304	No
139	GOM_TRA_1PNPDK20110804_103353_000000443105_00152_49304_5654.N1	04-AUG-2011 10:33:53	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49304	No
140	GOM_TRA_1PNPDK20110804_103658_000000453105_00152_49304_5655.N1	04-AUG-2011 10:36:58	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49304	No
141	GOM_TRA_1PNPDK20110804_104416_000000493105_00152_49304_5656.N1	04-AUG-2011 10:44:16	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	49304	No
142	GOM_TRA_1PNPDK20110804_104812_000000493105_00152_49304_5674.N1	04-AUG-2011 10:48:12	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	49304	No
143	GOM_TRA_1PNPDK20110804_105216_000000403105_00152_49304_5675.N1	04-AUG-2011 10:52:16	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	49304	No
144	GOM_TRA_1PNPDK20110804_110027_000000423105_00152_49304_5676.N1	04-AUG-2011 11:00:27	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	49304	No
145	GOM_TRA_1PNPDK20110804_110241_000000373105_00152_49304_5677.N1	04-AUG-2011 11:02:41	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49304	No
146	GOM_TRA_1PNPDK20110804_110901_000000403105_00152_49304_5678.N1	04-AUG-2011 11:09:01	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49304	No
147	GOM_TRA_1PNPDK20110804_112345_000000433105_00152_49304_5679.N1	04-AUG-2011 11:23:45	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	49304	No
148	GOM_TRA_1PNPDK20110804_112529_000000373105_00152_49304_5680.N1	04-AUG-2011 11:25:29	Bright	37.000	35	33Alp Per	1.7950	6250.0	74	49304	No

267	GOM_TRA_1PNPDK20110804_201051_000000593105_00157_49309_5908.N1	04-AUG-2011 20:10:51	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49309	No
268	GOM_TRA_1PNPDK20110804_202013_000000493105_00158_49310_5909.N1	04-AUG-2011 20:20:13	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49310	No
269	GOM_TRA_1PNPDK20110804_202523_000000423105_00158_49310_5910.N1	04-AUG-2011 20:25:23	Dark	41.500	9	Alp Eri	0.45300	24000.	83	49310	No
270	GOM_TRA_1PNPDK20110804_203030_000000643105_00158_49310_5911.N1	04-AUG-2011 20:30:30	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	49310	No
271	GOM_TRA_1PNPDE20110804_203520_000000473105_00158_49310_1182.N1	04-AUG-2011 20:35:20	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49310	No
272	GOM_TRA_1PNPDE20110804_203825_000000463105_00158_49310_1183.N1	04-AUG-2011 20:38:25	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49310	No
273	GOM_TRA_1PNPDE20110804_204541_000000503105_00158_49310_1184.N1	04-AUG-2011 20:45:41	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49310	No
274	GOM_TRA_1PNPDE20110804_204935_000000503105_00158_49310_1185.N1	04-AUG-2011 20:49:35	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49310	No
275	GOM_TRA_1PNPDE20110804_205340_000000383105_00158_49310_1186.N1	04-AUG-2011 20:53:40	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	49310	No
276	GOM_TRA_1PNPDE20110804_210149_000000423105_00158_49310_1187.N1	04-AUG-2011 21:01:49	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	49310	No
277	GOM_TRA_1PNPDE20110804_210404_000000383105_00158_49310_1188.N1	04-AUG-2011 21:04:04	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49310	No
278	GOM_TRA_1PNPDE20110804_211023_000000403105_00158_49310_1189.N1	04-AUG-2011 21:10:23	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49310	No
279	GOM_TRA_1PNPDE20110804_212506_000000313105_00158_49310_1190.N1	04-AUG-2011 21:25:06	Twilight_stray	31.000	160	23Gam Per	2.9300	4700.0	62	49310	No
280	GOM_TRA_1PNPDE20110804_212757_000000573105_00158_49310_1191.N1	04-AUG-2011 21:27:57	Bright	56.500	175	39Del Per	3.0100	19400.	113	49310	No
281	GOM_TRA_1PNPDE20110804_213104_000000473105_00158_49310_1192.N1	04-AUG-2011 21:31:04	Bright	47.000	149	45Eps Per	2.8880	30000.	94	49310	No
282	GOM_TRA_1PNPDE20110804_213439_000000463105_00158_49310_1193.N1	04-AUG-2011 21:34:39	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	49310	No
283	GOM_TRA_1PNPDE20110804_213648_000000443105_00158_49310_1194.N1	04-AUG-2011 21:36:48	Twilight_stray	43.500	176	23Zet Tau	3.0200	22000.	87	49310	No
284	GOM_TRA_1PNPDE20110804_213929_000000583105_00158_49310_1195.N1	04-AUG-2011 21:39:29	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	49310	No
285	GOM_TRA_1PNPDE20110804_214127_000000443105_00158_49310_1196.N1	04-AUG-2011 21:41:27	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49310	No
286	GOM_TRA_1PNPDE20110804_214322_000000423105_00158_49310_1197.N1	04-AUG-2011 21:43:22	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49310	No
287	GOM_TRA_1PNPDE20110804_214557_000000493105_00158_49310_1198.N1	04-AUG-2011 21:45:57	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	49310	No
288	GOM_TRA_1PNPDE20110804_215106_000000603105_00158_49310_1207.N1	04-AUG-2011 21:51:06	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	49310	No
289	GOM_TRA_1PNPDE20110804_220028_000000493105_00159_49311_1208.N1	04-AUG-2011 22:00:28	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49311	No
290	GOM_TRA_1PNPDE20110804_220537_000000463105_00159_49311_1209.N1	04-AUG-2011 22:05:37	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49311	No
291	GOM_TRA_1PNPDE20110804_221045_000000593105_00159_49311_1210.N1	04-AUG-2011 22:10:45	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	49311	No
292	GOM_TRA_1PNPDE20110804_221534_000000433105_00159_49311_1211.N1	04-AUG-2011 22:15:34	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49311	No
293	GOM_TRA_1PNPDE20110804_221839_000000453105_00159_49311_1212.N1	04-AUG-2011 22:18:39	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49311	No
294	GOM_TRA_1PNPDE20110804_222555_000000503105_00159_49311_1213.N1	04-AUG-2011 22:25:55	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49311	No
295	GOM_TRA_1PNPDE20110804_222949_000000493105_00159_49311_1214.N1	04-AUG-2011 22:29:49	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	49311	No
296	GOM_TRA_1PNPDE20110804_223354_000000373105_00159_49311_1215.N1	04-AUG-2011 22:33:54	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	49311	No
297	GOM_TRA_1PNPDE20110804_224202_000000423105_00159_49311_1216.N1	04-AUG-2011 22:42:02	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	49311	No
298	GOM_TRA_1PNPDE20110804_224418_000000363105_00159_49311_1217.N1	04-AUG-2011 22:44:18	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49311	No
299	GOM_TRA_1PNPDE20110804_225036_000000373105_00159_49311_1218.N1	04-AUG-2011 22:50:36	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49311	No
300	GOM_TRA_1PNPDE20110804_230520_000000313105_00159_49311_1219.N1	04-AUG-2011 23:05:20	Twilight_stray	31.000	160	23Gam Per	2.9300	4700.0	62	49311	No
301	GOM_TRA_1PNPDE20110804_230811_000000453105_00159_49311_1220.N1	04-AUG-2011 23:08:11	Bright	45.000	175	39Del Per	3.0100	19400.	90	49311	No
302	GOM_TRA_1PNPDE20110804_231118_000000473105_00159_49311_1221.N1	04-AUG-2011 23:11:18	Bright	47.000	149	45Eps Per	2.8880	30000.	94	49311	No
303	GOM_TRA_1PNPDE20110804_231453_000000473105_00159_49311_1222.N1	04-AUG-2011 23:14:53	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	49311	No
304	GOM_TRA_1PNPDE20110804_231702_000000413105_00159_49311_1223.N1	04-AUG-2011 23:17:02	Twilight_stray	41.000	176	23Zet Tau	3.0200	22000.	82	49311	No
305	GOM_TRA_1PNPDE20110804_231944_000000603105_00159_49311_1224.N1	04-AUG-2011 23:19:44	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	49311	No
306	GOM_TRA_1PNPDE20110804_232141_000000433105_00159_49311_1225.N1	04-AUG-2011 23:21:41	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49311	No
307	GOM_TRA_1PNPDE20110804_232336_000000443105_00159_49311_1226.N1	04-AUG-2011 23:23:36	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	49311	No
308	GOM_TRA_1PNPDE20110804_232611_000000483105_00159_49311_1227.N1	04-AUG-2011 23:26:11	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49311	No
309	GOM_TRA_1PNPDE20110804_233122_000000623105_00159_49311_1241.N1	04-AUG-2011 23:31:22	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	49311	No
310	GOM_TRA_1PNPDE20110804_234043_000000493105_00160_49312_1242.N1	04-AUG-2011 23:40:43	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49312	No
311	GOM_TRA_1PNPDE20110804_234552_000000433105_00160_49312_1243.N1	04-AUG-2011 23:45:52	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49312	No
312	GOM_TRA_1PNPDE20110804_235100_000000623105_00160_49312_1244.N1	04-AUG-2011 23:51:00	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	49312	No
313	GOM_TRA_1PNPDE20110804_235549_000000443105_00160_49312_1245.N1	04-AUG-2011 23:55:49	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49312	No
314	GOM_TRA_1PNPDE20110804_235853_000000443105_00160_49312_1246.N1	04-AUG-2011 23:58:53	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49312	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).

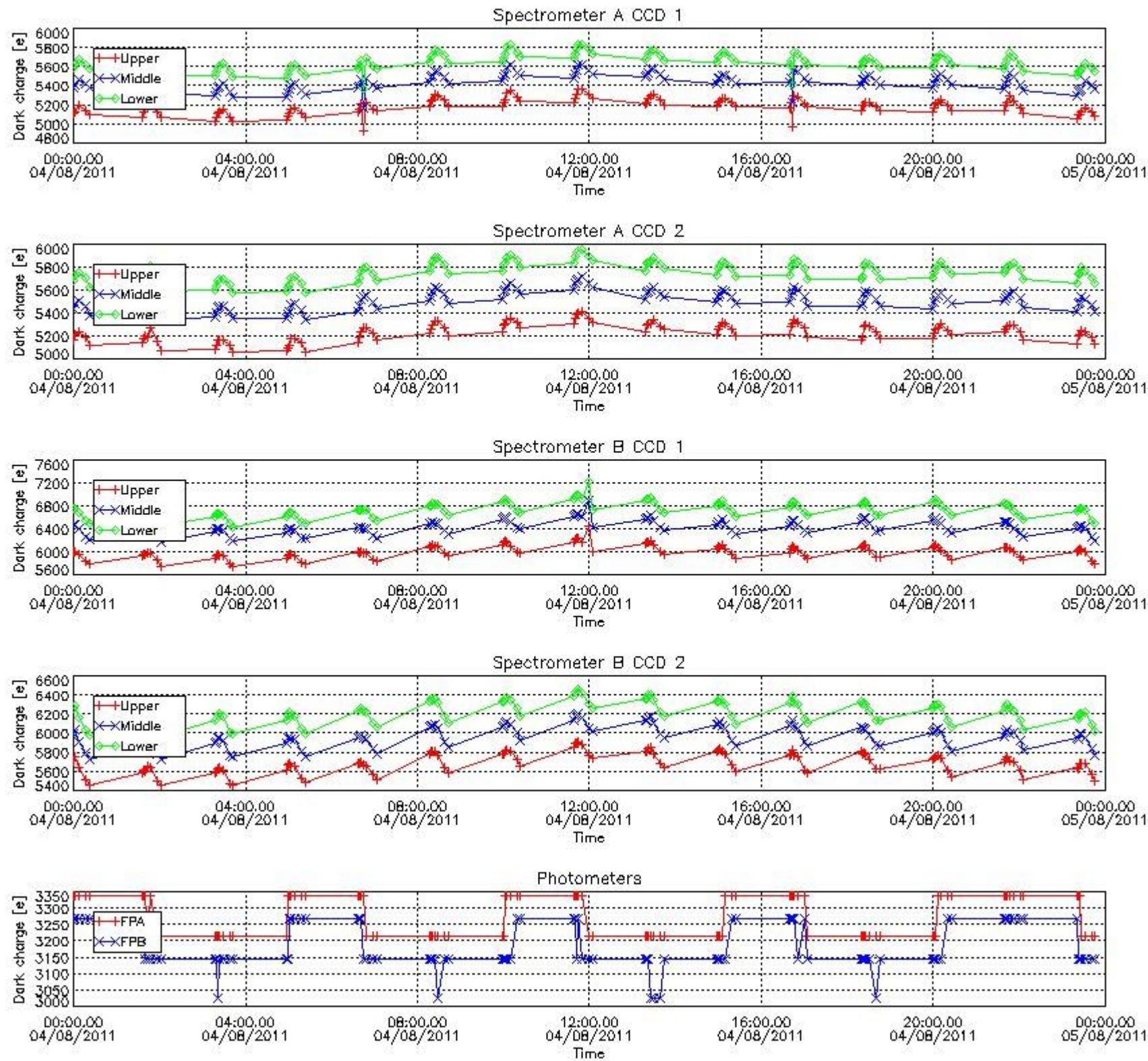
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110804_203520_000000473105_00158_49310_1182.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110804_203825_000000463105_00158_49310_1183.N1	DC map used
GOM_TRA_1PNPDE20110804_204541_000000503105_00158_49310_1184.N1	DC map used
GOM_TRA_1PNPDE20110804_204935_000000503105_00158_49310_1185.N1	DC map used
GOM_TRA_1PNPDE20110804_205340_000000383105_00158_49310_1186.N1	DC map used
GOM_TRA_1PNPDE20110804_210149_000000423105_00158_49310_1187.N1	DC map used
GOM_TRA_1PNPDE20110804_210404_000000383105_00158_49310_1188.N1	DC map used
GOM_TRA_1PNPDE20110804_211023_000000403105_00158_49310_1189.N1	DC map used
GOM_TRA_1PNPDE20110804_212506_000000313105_00158_49310_1190.N1	DC map used
GOM_TRA_1PNPDE20110804_212757_000000573105_00158_49310_1191.N1	DC map used
GOM_TRA_1PNPDE20110804_213104_000000473105_00158_49310_1192.N1	DC map used
GOM_TRA_1PNPDE20110804_213439_000000463105_00158_49310_1193.N1	DC map used
GOM_TRA_1PNPDE20110804_213648_000000443105_00158_49310_1194.N1	DC map used
GOM_TRA_1PNPDE20110804_213929_000000583105_00158_49310_1195.N1	DC map used

GOM_TRA_1PNPDE20110804_214127_000000443105_00158_49310_1196.N1	DC map used
GOM_TRA_1PNPDE20110804_214322_000000423105_00158_49310_1197.N1	DC map used
GOM_TRA_1PNPDE20110804_214557_000000493105_00158_49310_1198.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

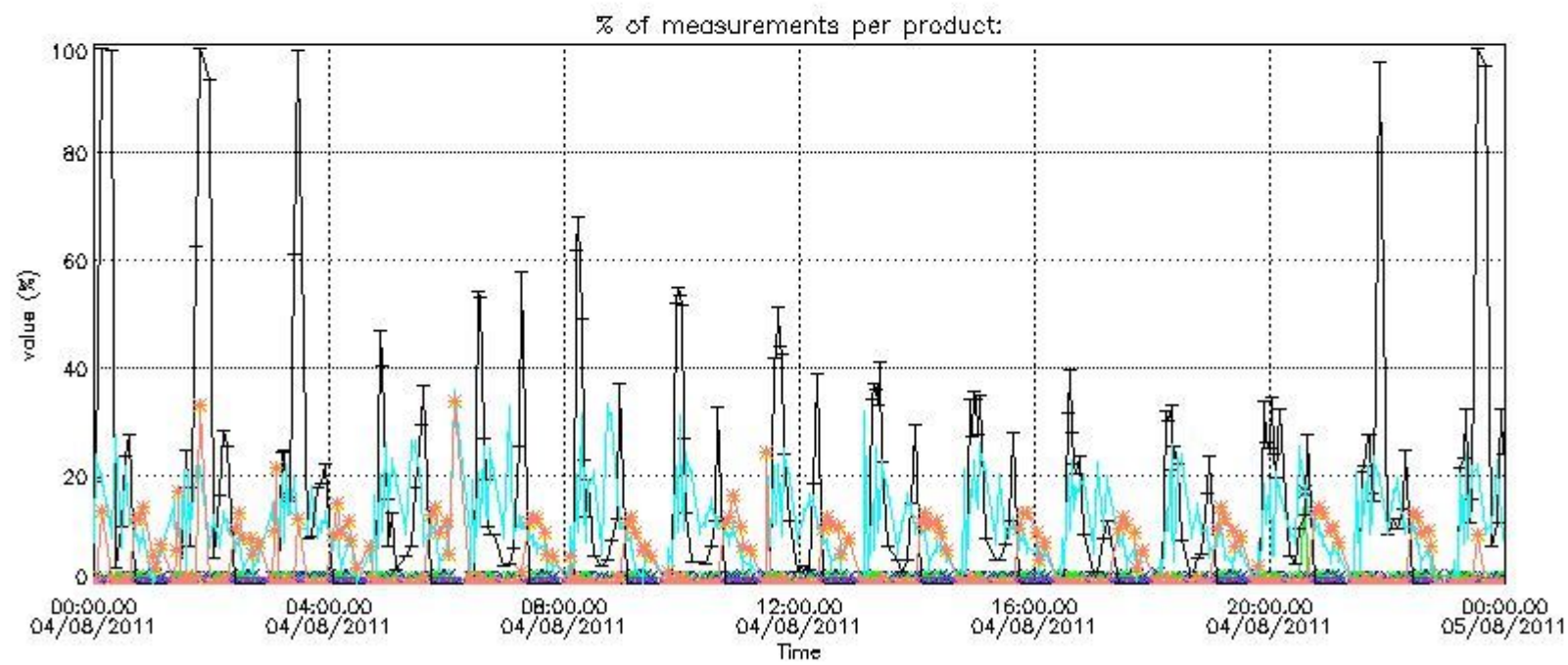
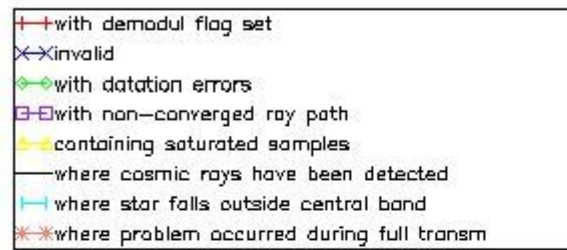
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

(error flag in the MPH set to "0") are used.

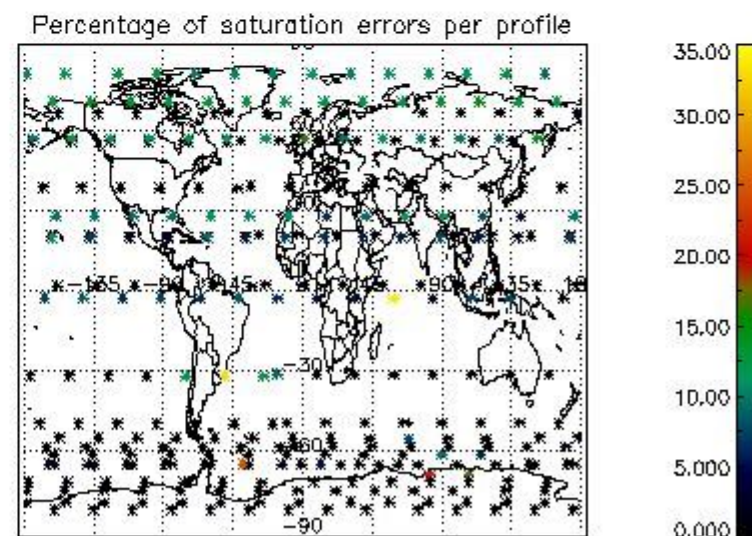
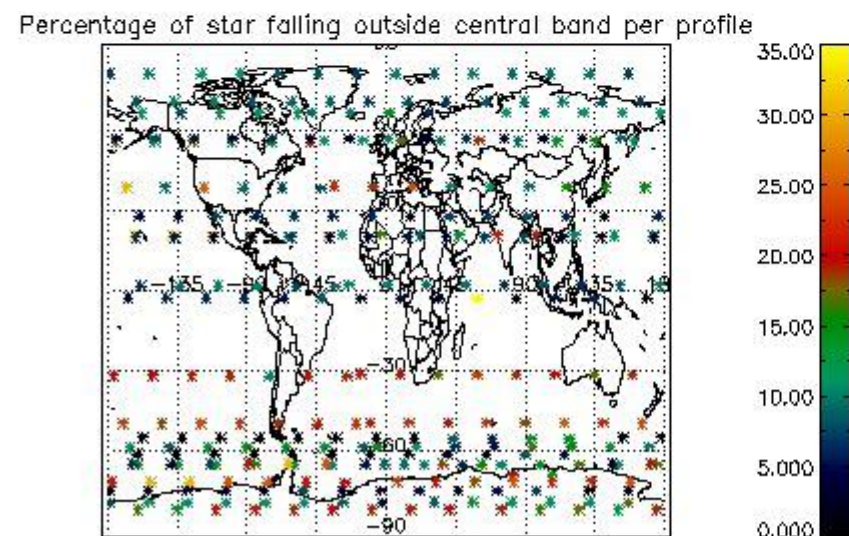
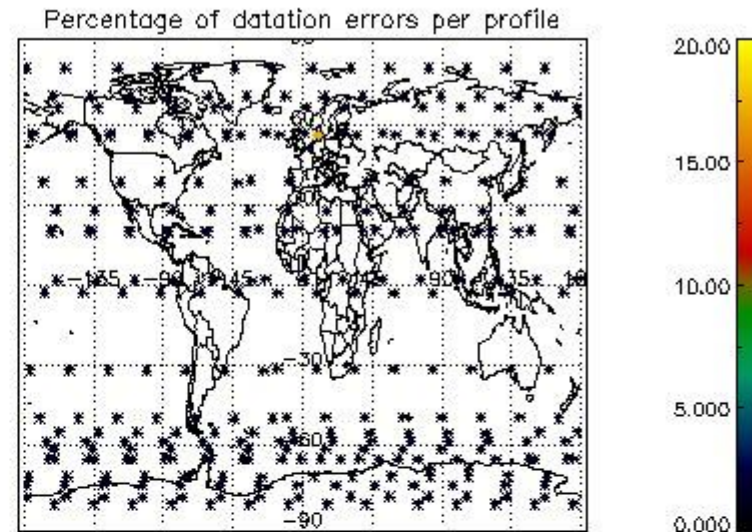
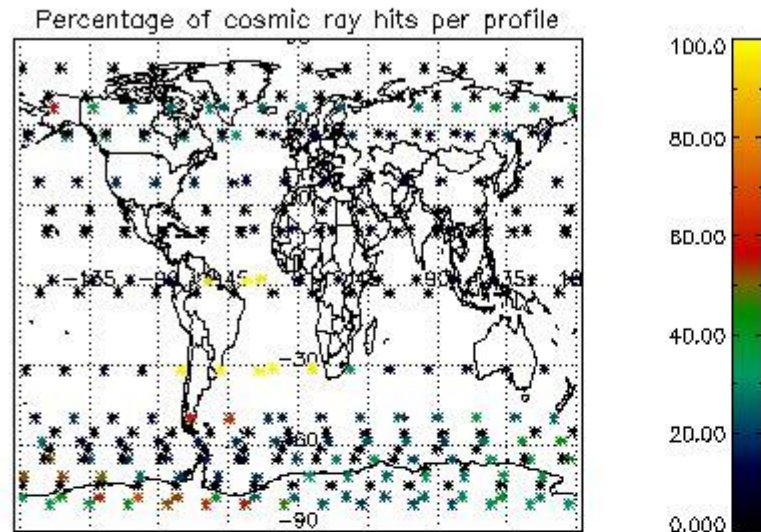
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	48.2428 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	46.0064 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



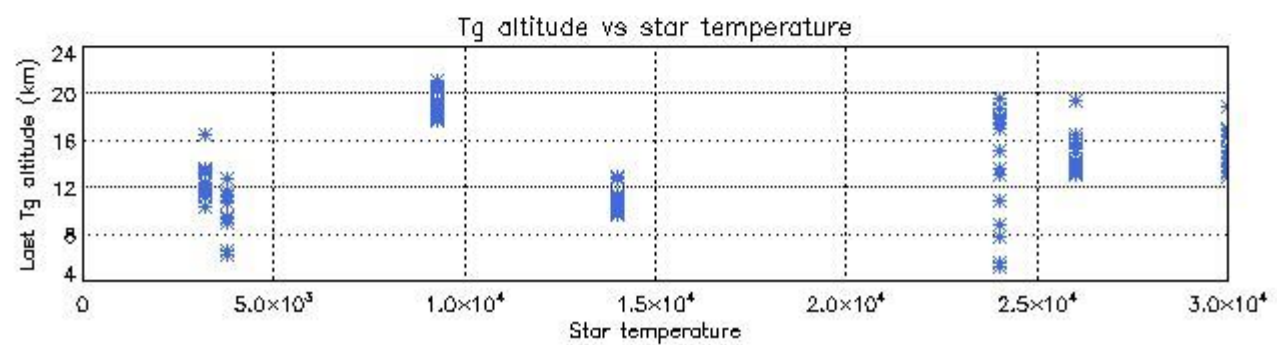
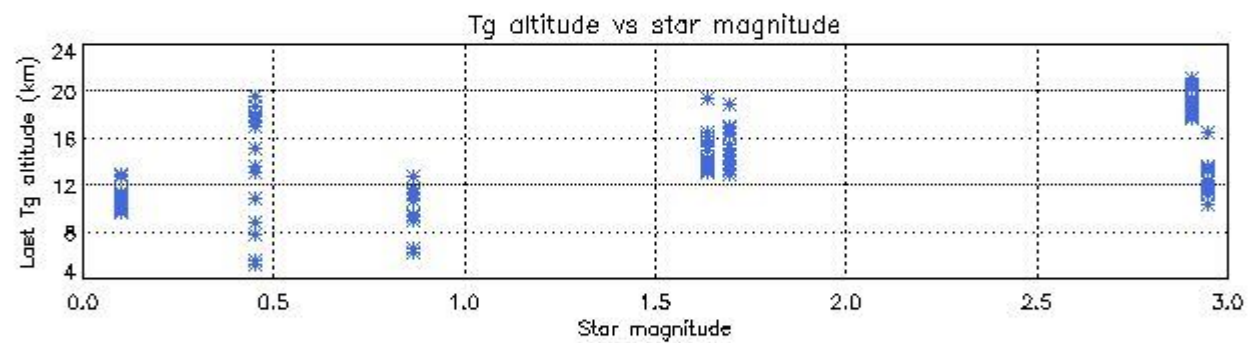
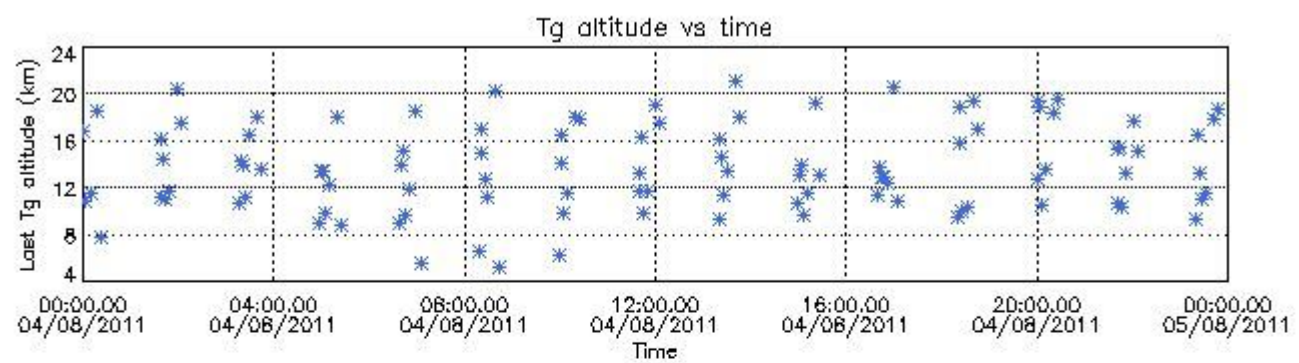
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.727	20.786	NaN
St. deviation:	3.7134	6.2748	NaN
Maximum:	21.021	46.852	NaN
Minimum:	5.1868	4.7643	NaN
Number of data:	103.00	144.00	NaN

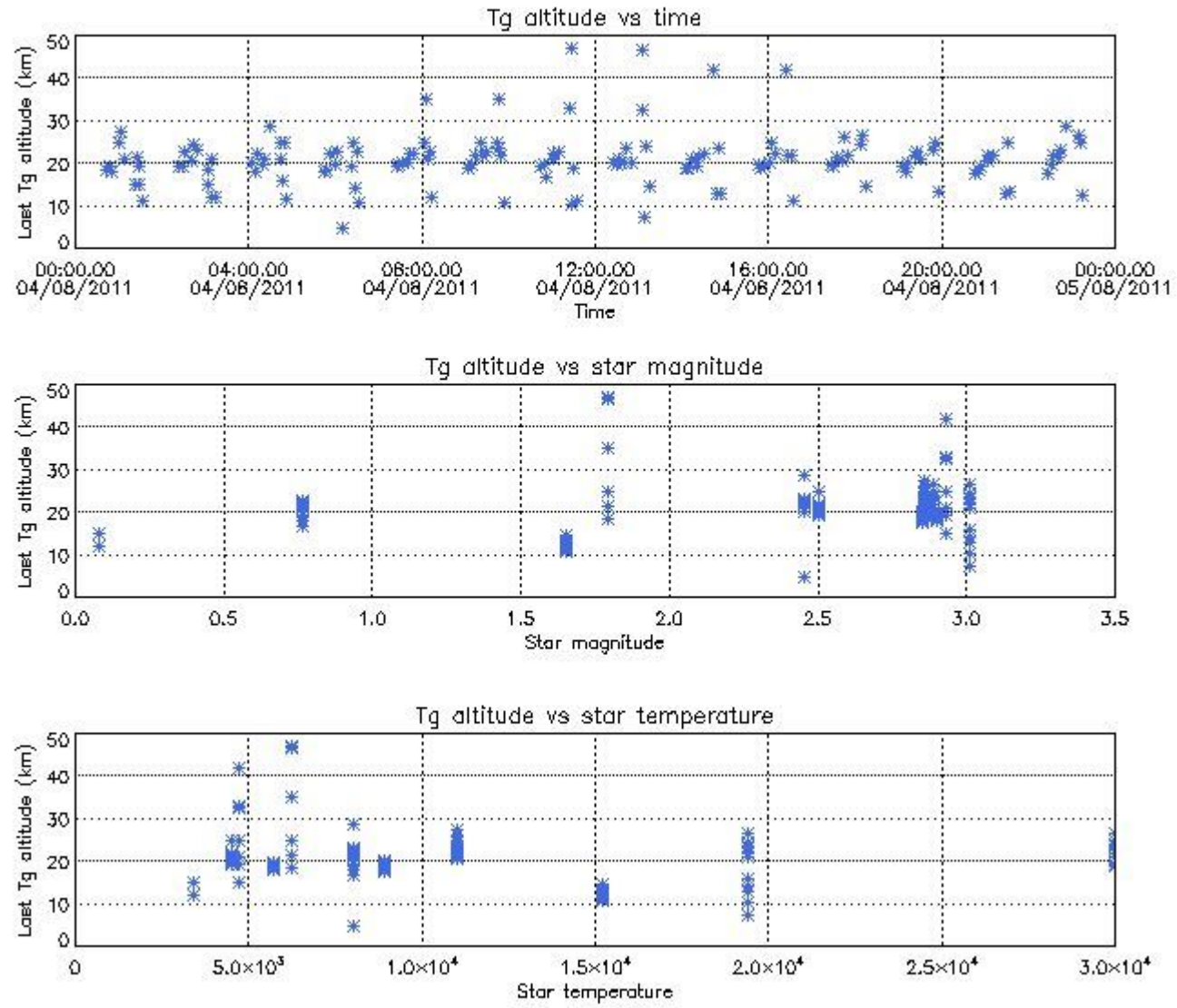
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

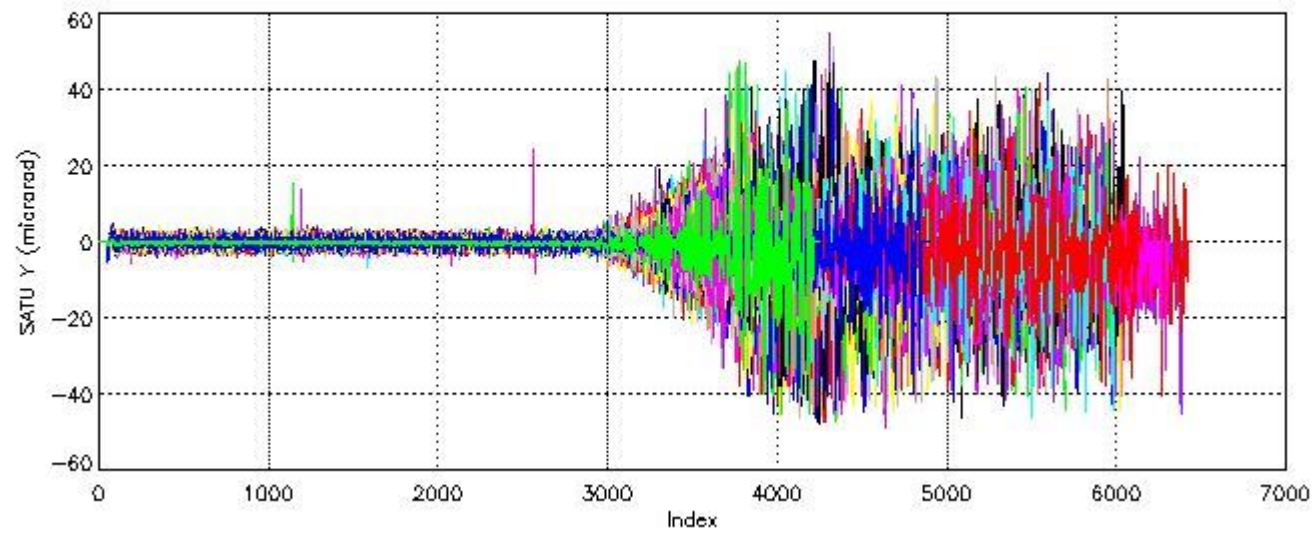
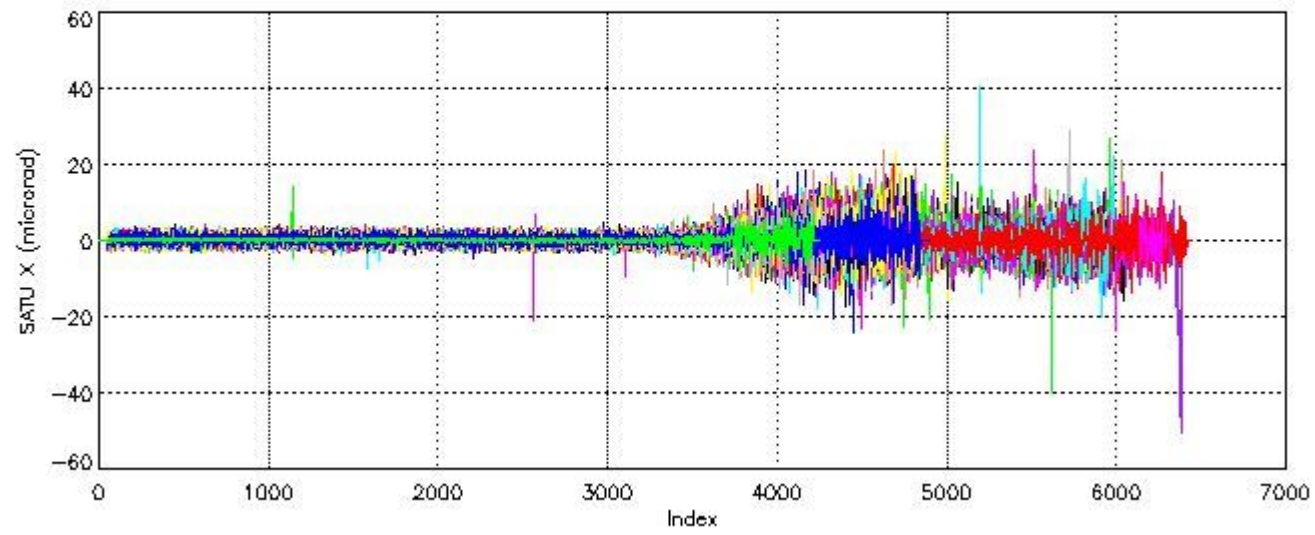


7. Star Acquisition and Tracking Unit (SATU)

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:	0.15866	-0.24172	0.24340	-0.22798
St. deviation:	0.42044	0.48593	0.91475	1.0044
Maximum:	14.200	15.100	6.9000	6.5000
Minimum:	-4.9000	-6.0000	-5.7000	-8.4000

Number of data:	1.0685E+05	1.0685E+05	1.4825E+05	1.4825E+05
90Percentile:	0.70000	0.30000	1.5000	1.1000

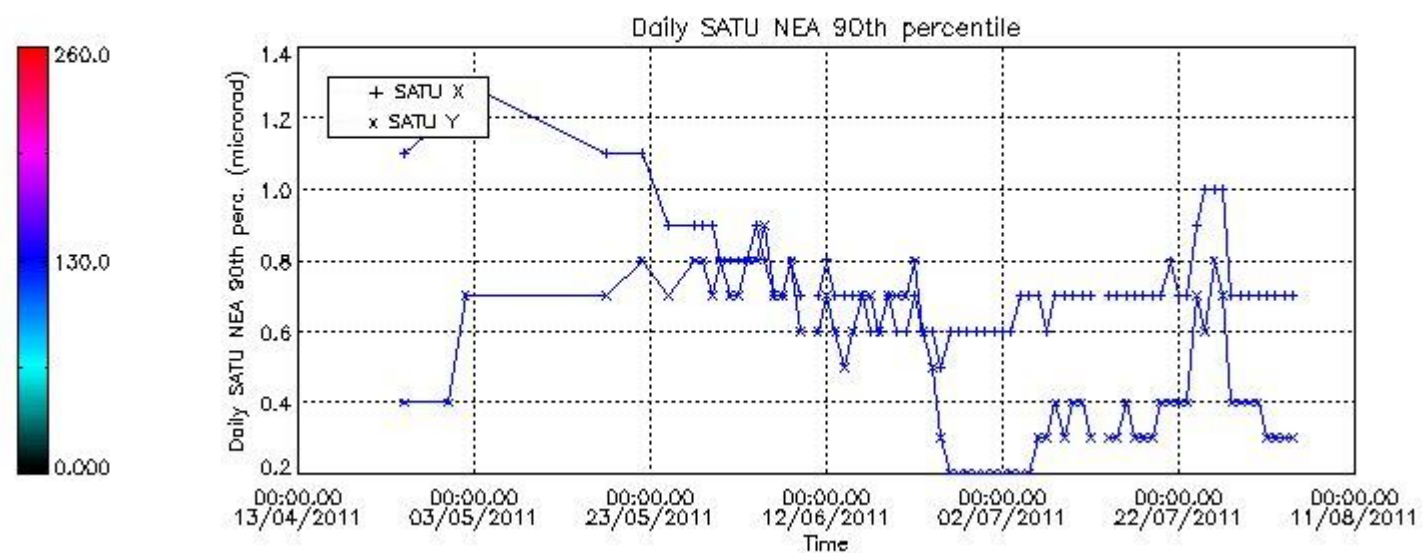
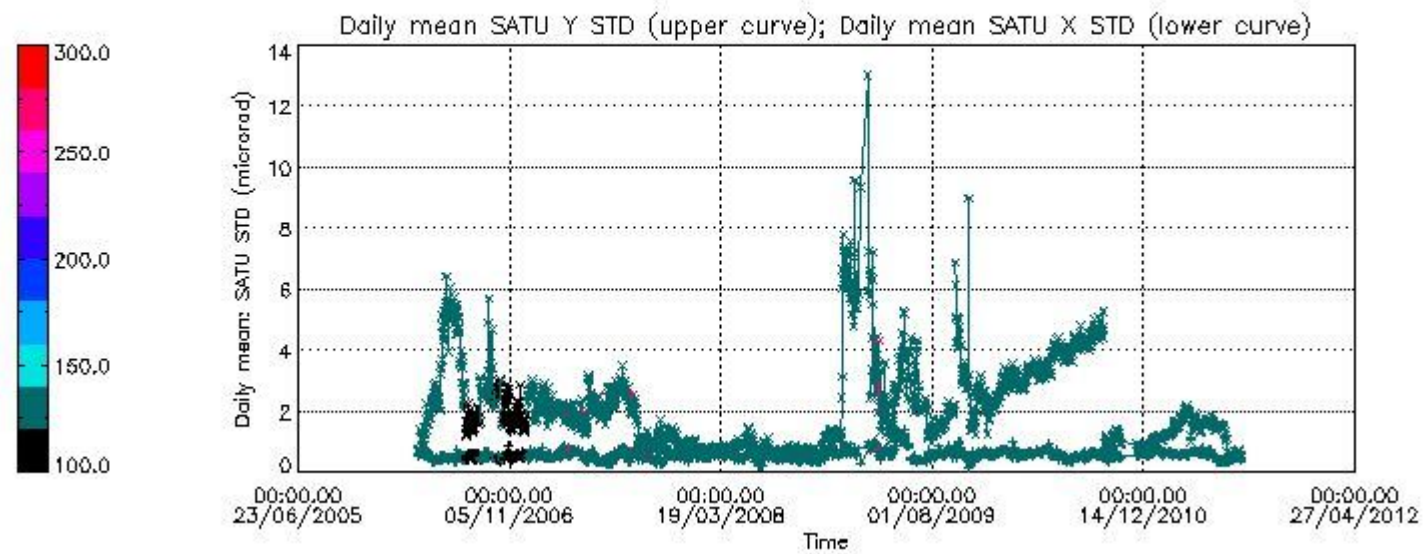
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

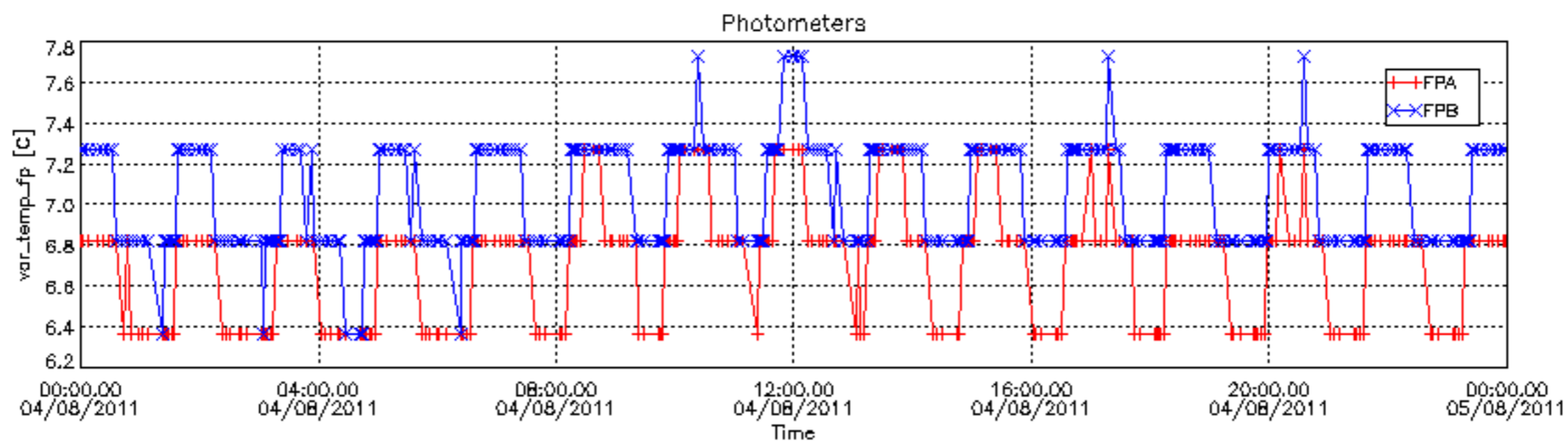
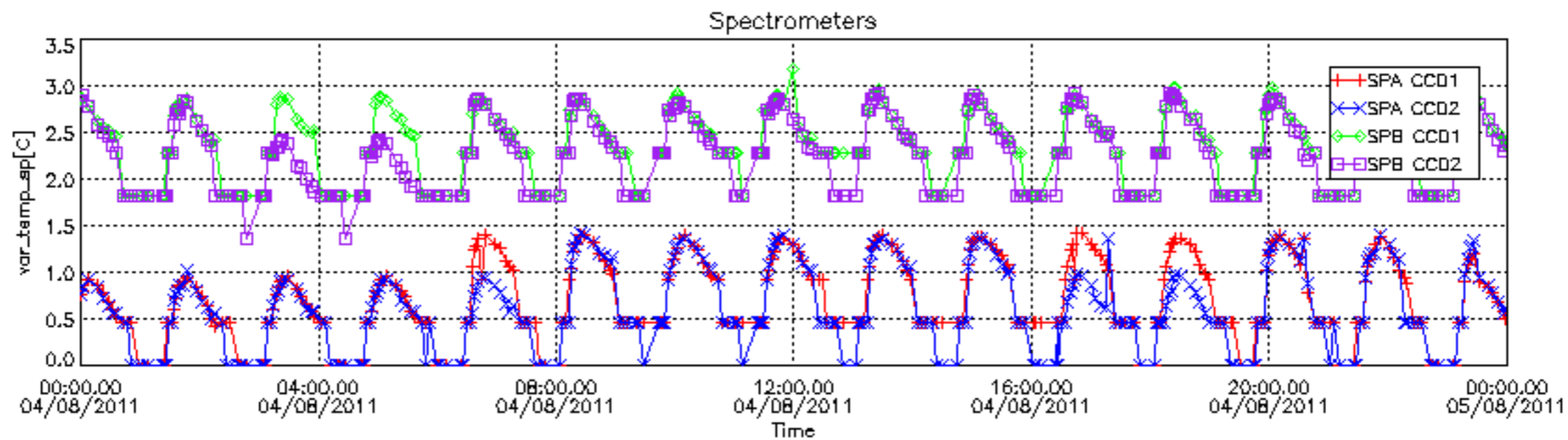
Lower curve: STD of SATU X axis

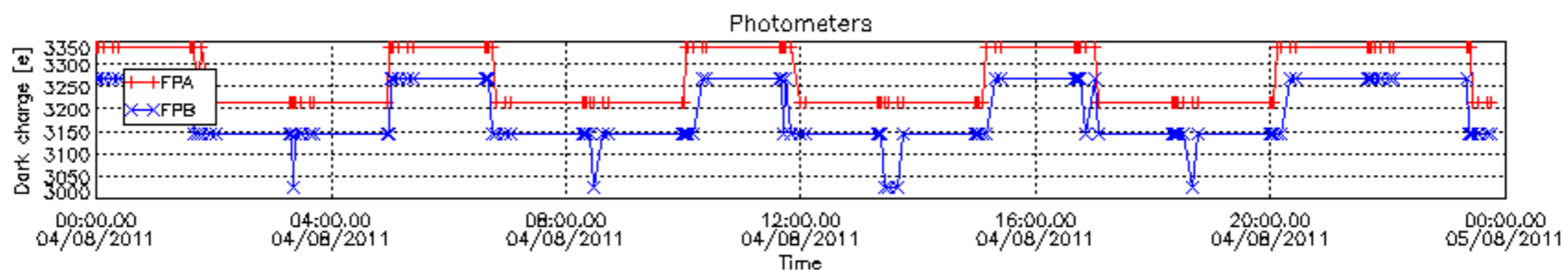
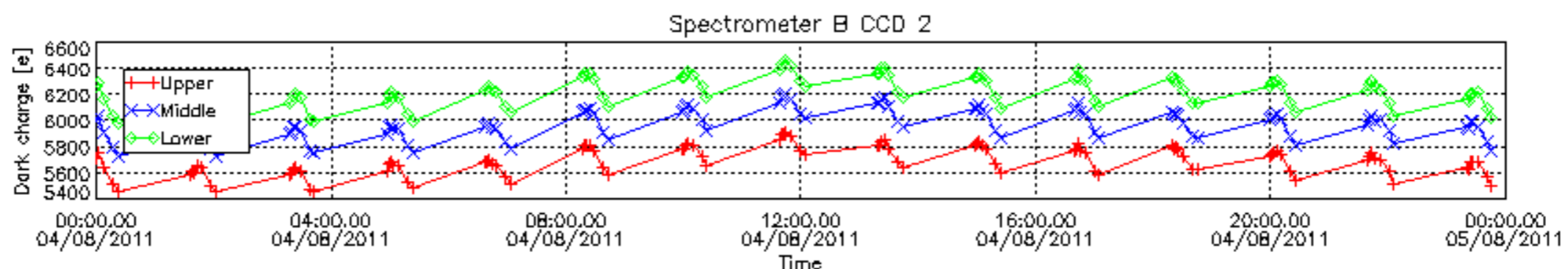
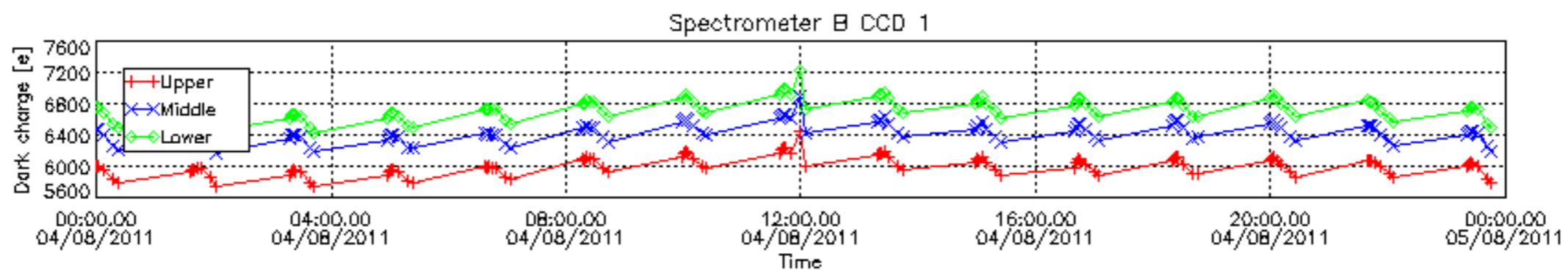
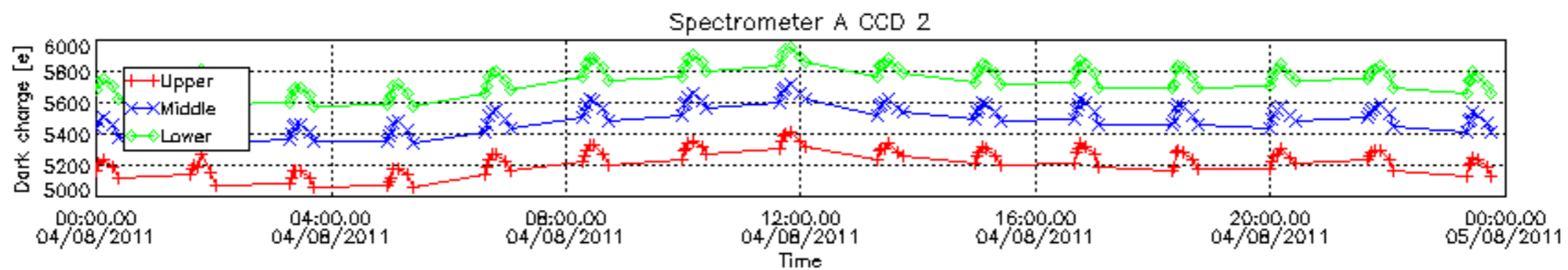
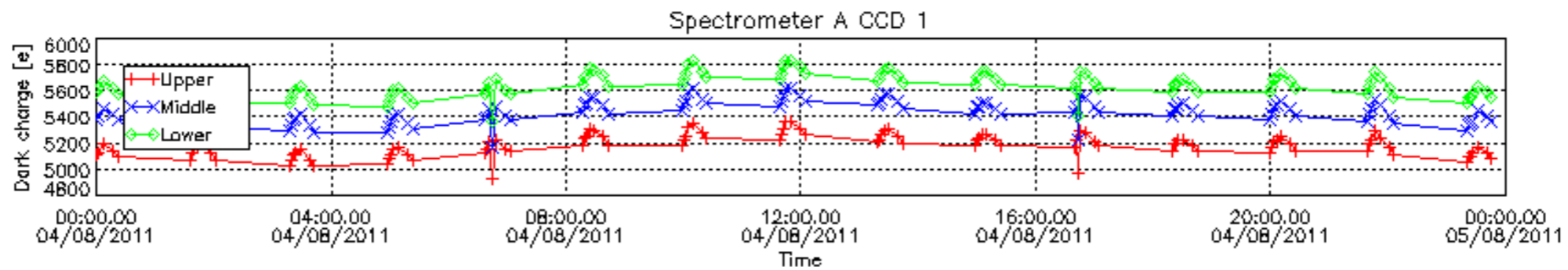


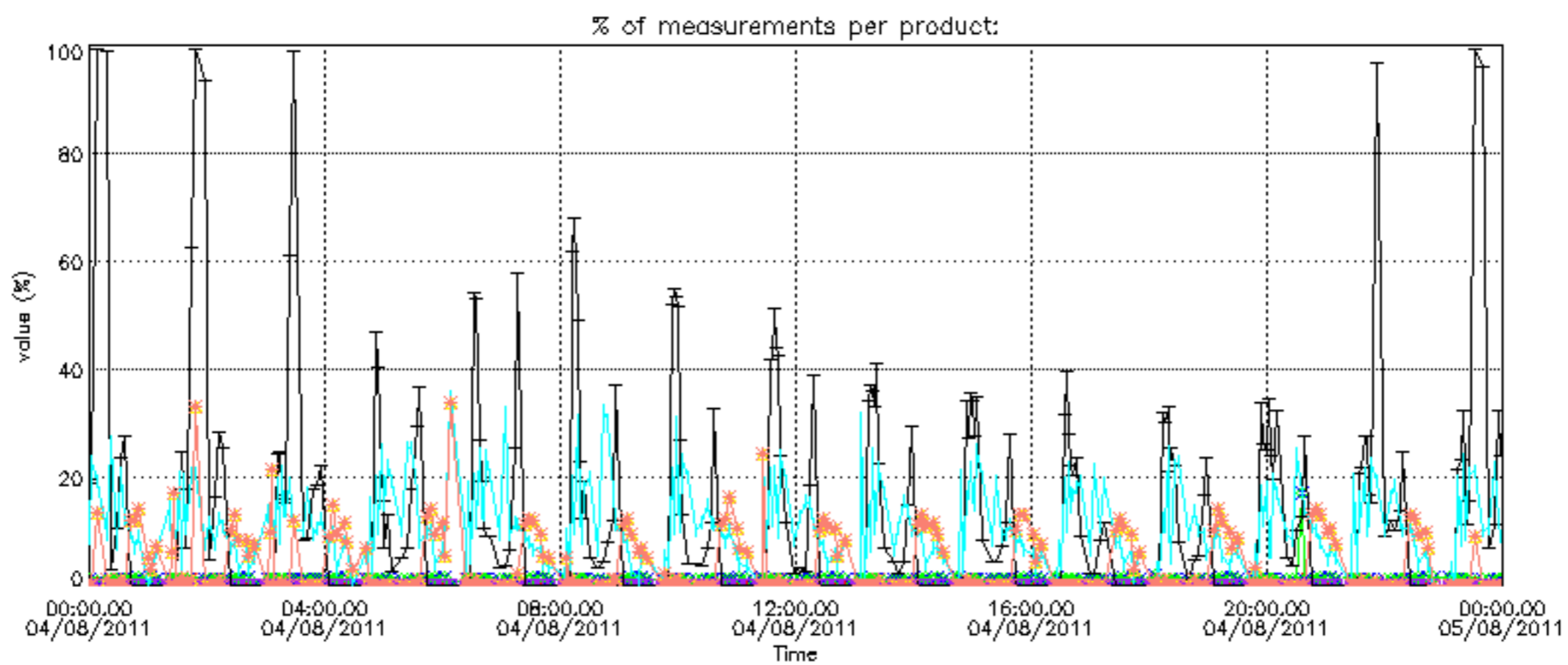
8. Auxiliary Data Files used for the production reported in section 2.4

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.

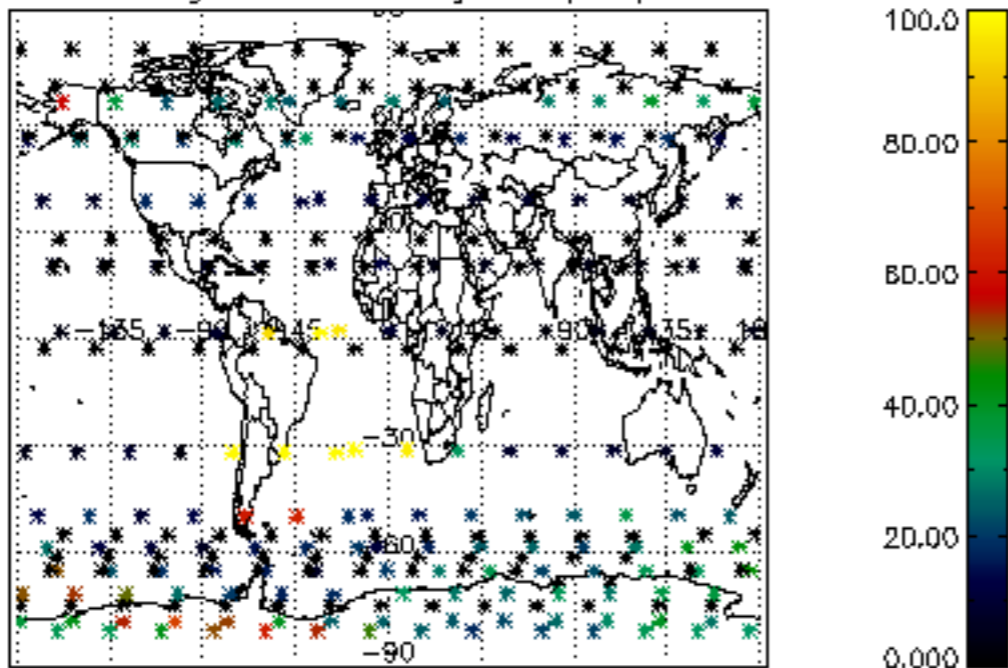
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-AUG-2011 00:00:15
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110803_080732_20110801_000000_20500101_000000	1	04-AUG-2011 00:00:15
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	04-AUG-2011 00:00:15
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	04-AUG-2011 00:00:15
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	04-AUG-2011 00:00:15
ECMWF_FILE	AUX_ECF_AXNECM20110803_062116_20110803_210000_20110804_090000	1	04-AUG-2011 00:00:15
ECMWF_FILE	AUX_ECA_AXNECM20110804_062114_20110803_210000_20110804_090000	37	04-AUG-2011 03:02:37
ECMWF_FILE	AUX_ECF_AXNECM20110803_181113_20110804_030000_20110804_150000	98	04-AUG-2011 07:27:44
ECMWF_FILE	AUX_ECF_AXNECM20110804_062115_20110804_090000_20110804_210000	120	04-AUG-2011 09:07:58
ECMWF_FILE	AUX_ECF_AXNECM20110804_062115_20110804_150000_20110805_030000	207	04-AUG-2011 15:44:58
ECMWF_FILE	AUX_ECA_AXNECM20110804_182408_20110804_090000_20110804_210000	228	04-AUG-2011 17:17:56
ECMWF_FILE	AUX_ECF_AXNECM20110804_062115_20110804_150000_20110805_030000	271	04-AUG-2011 20:35:20
ECMWF_FILE	AUX_ECF_AXNECM20110804_062115_20110804_210000_20110805_090000	288	04-AUG-2011 21:51:06
OPTIONAL_ECMWF_FILE	MISSING	1	04-AUG-2011 00:00:15
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110803_102113_20110802_195251_20110812_202623	1	04-AUG-2011 00:00:15
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110804_102112_20110803_191606_20110813_212952	142	04-AUG-2011 10:48:12



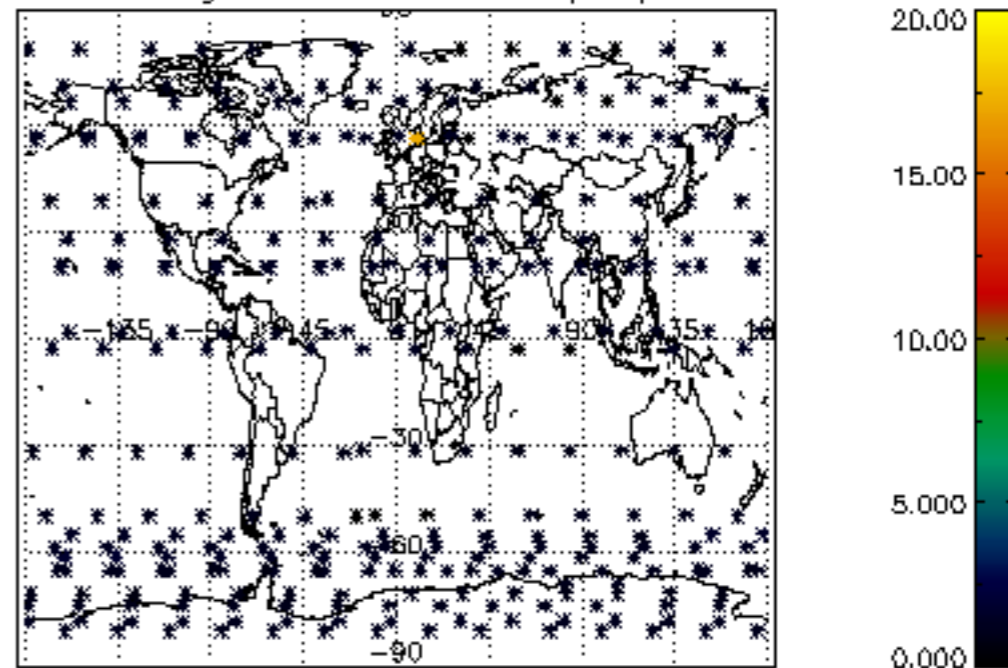




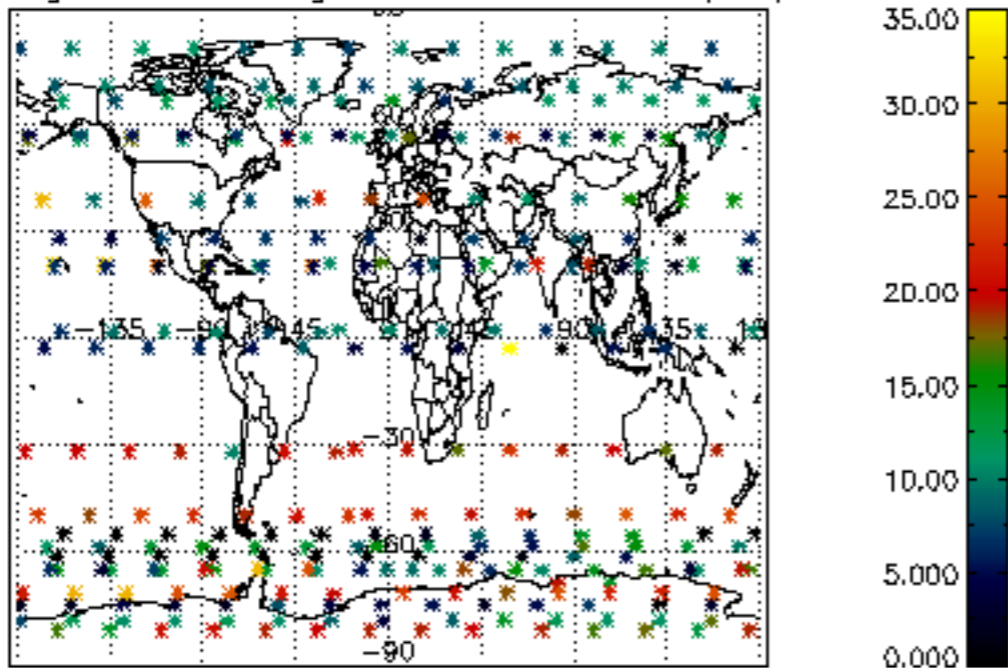
Percentage of cosmic ray hits per profile



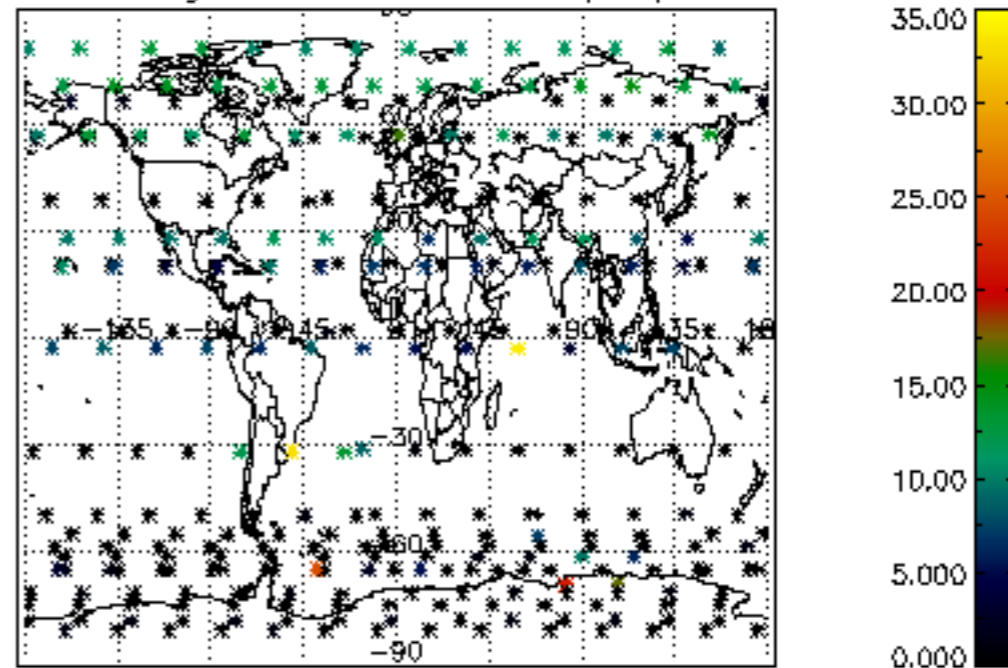
Percentage of datation errors per profile



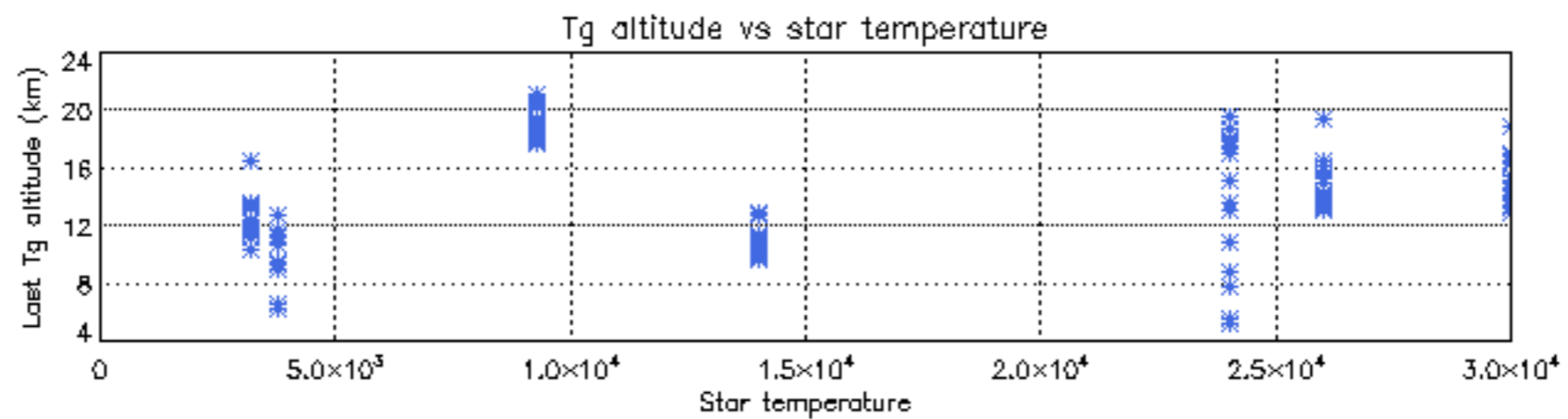
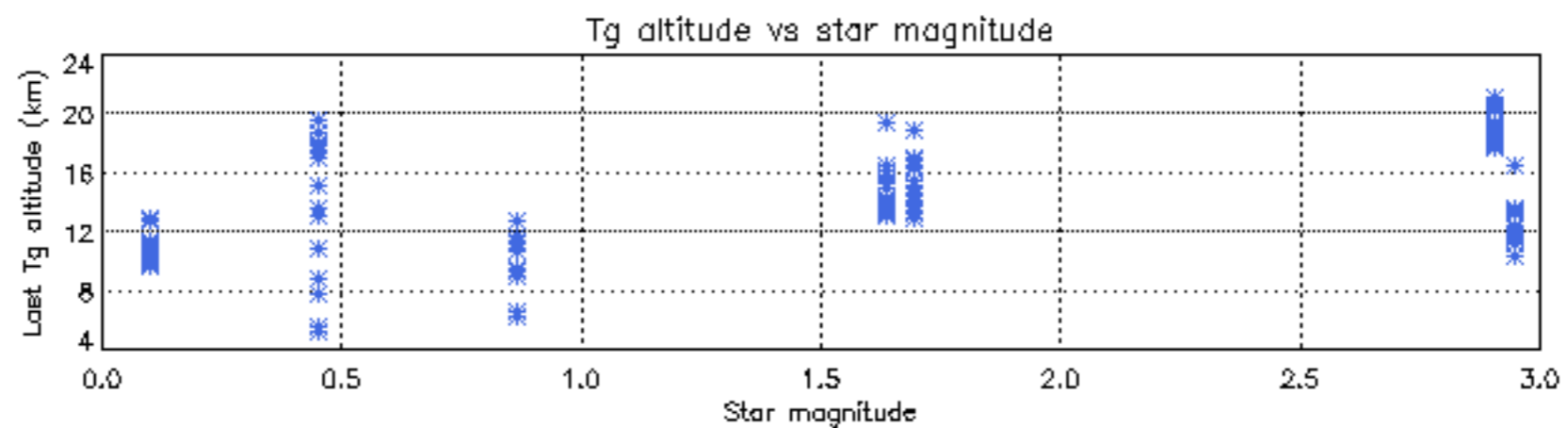
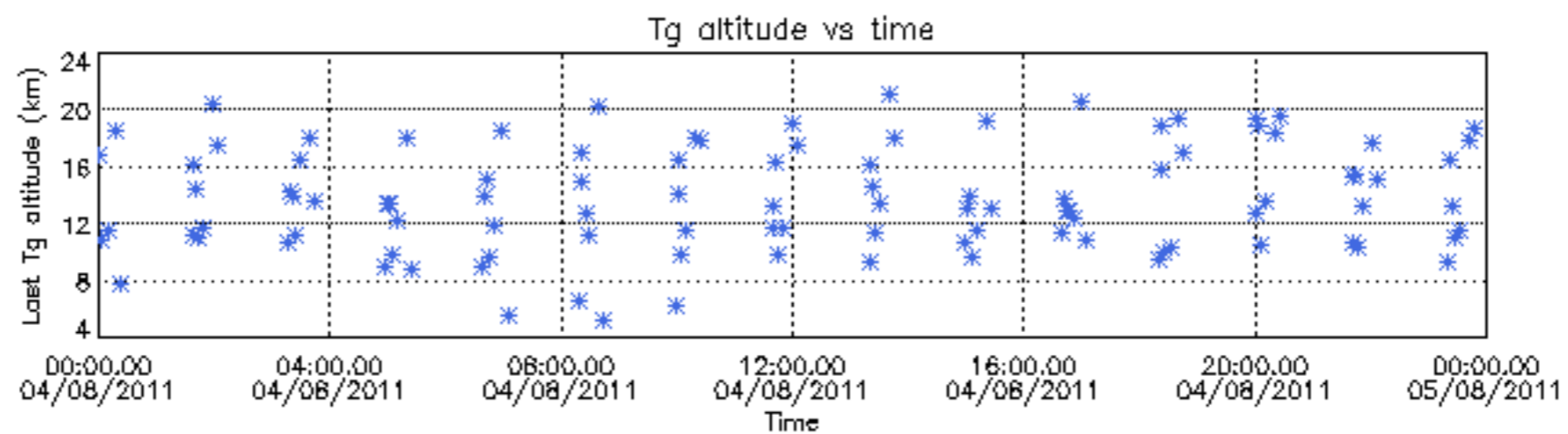
Percentage of star falling outside central band per profile



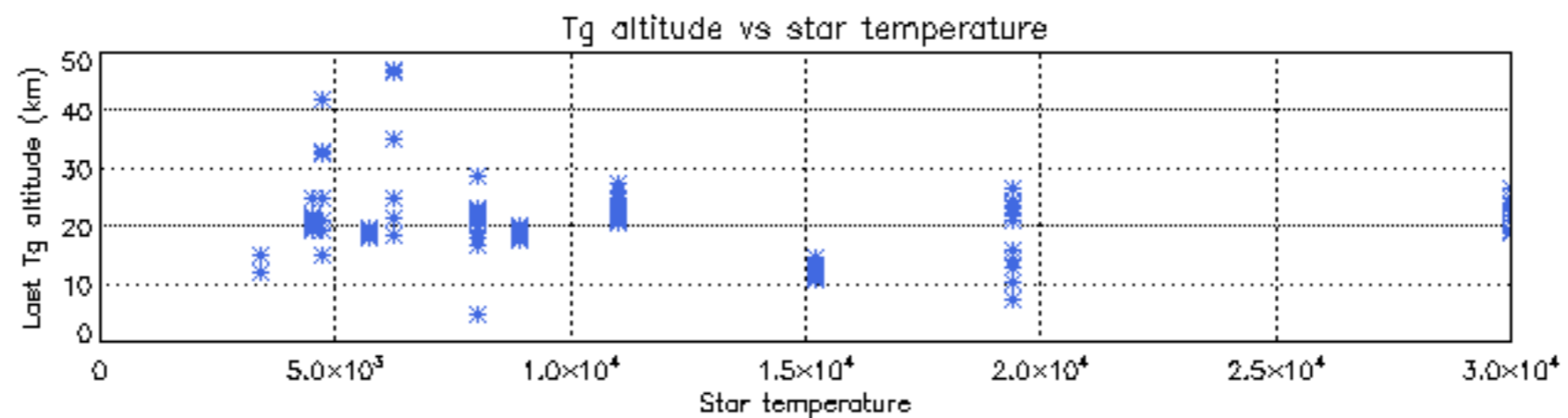
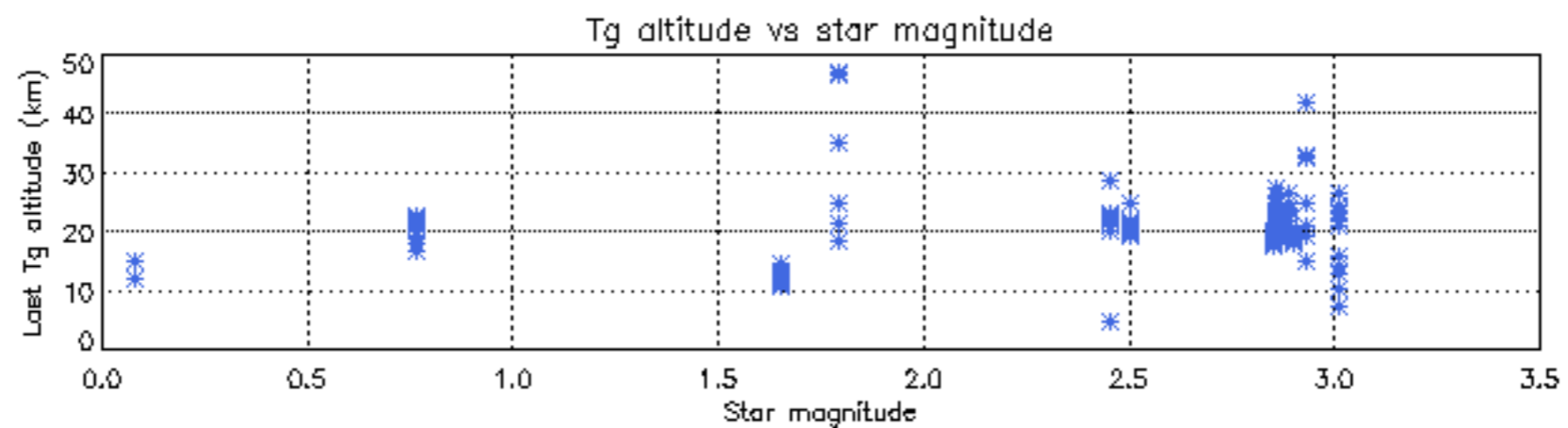
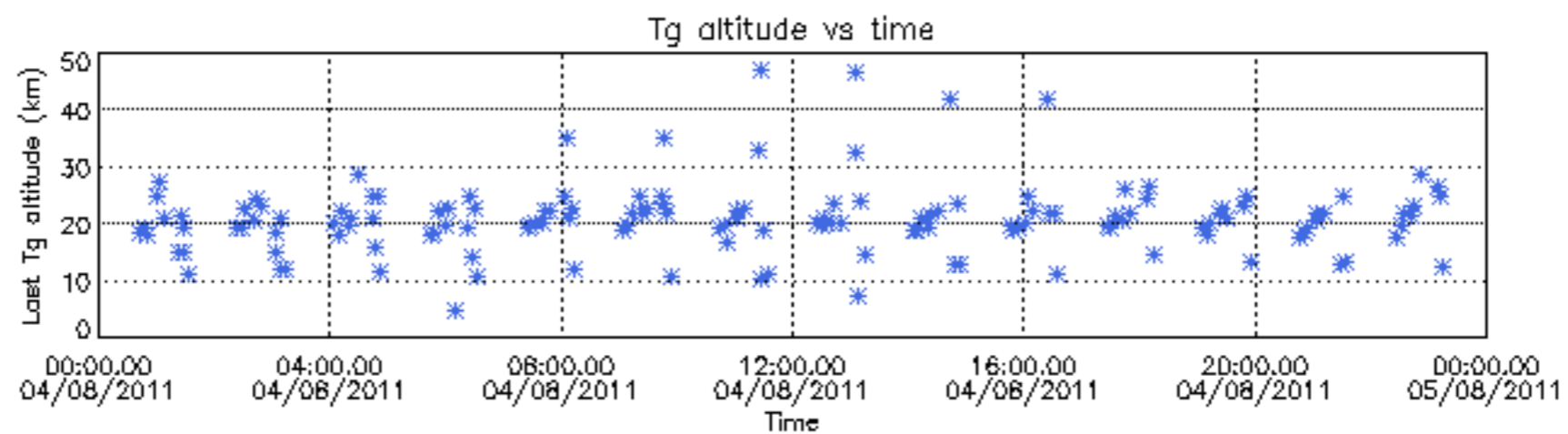
Percentage of saturation errors per profile

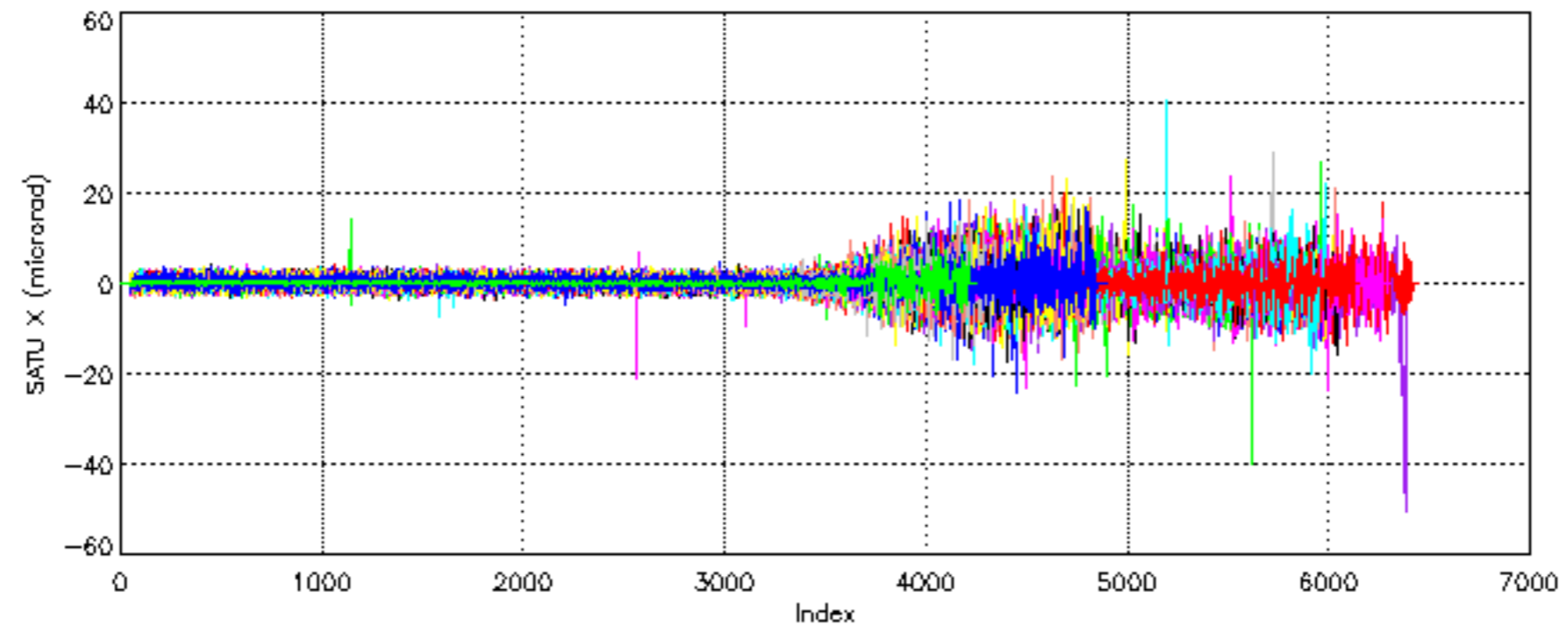


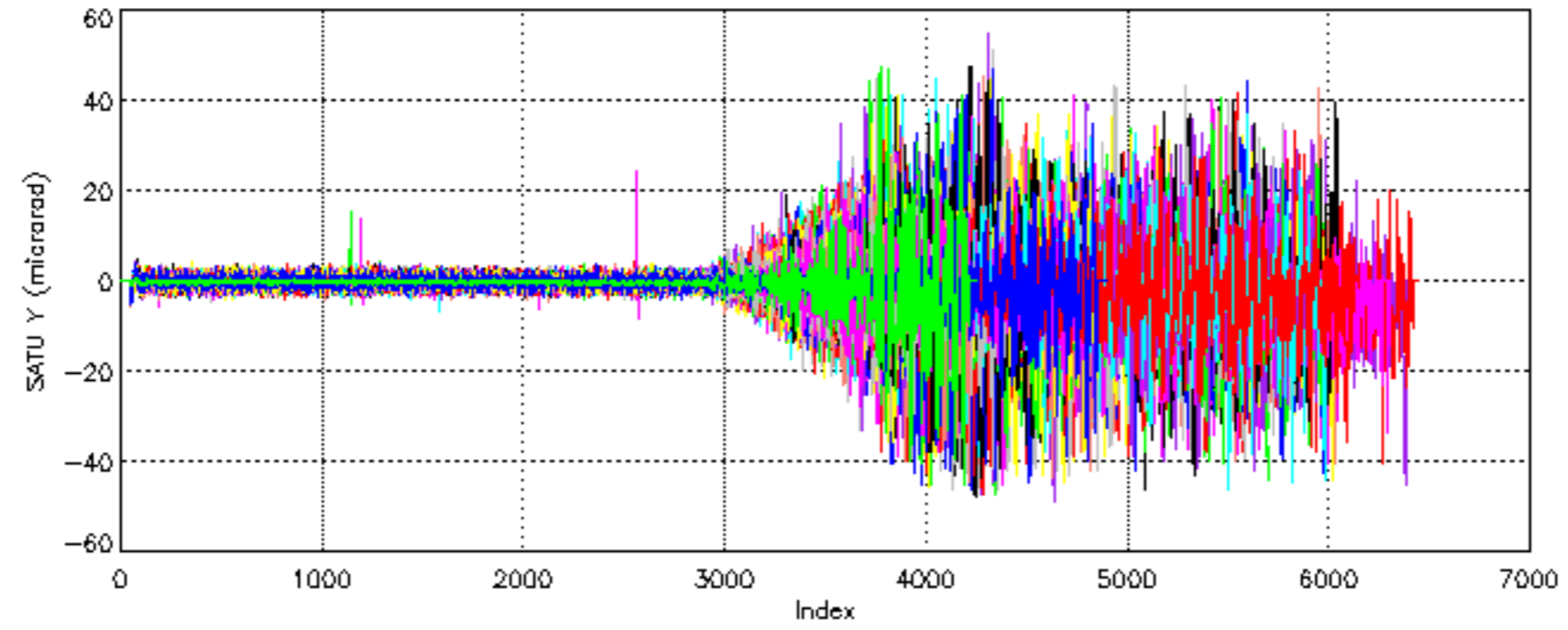
Tangent altitude at which the star is lost

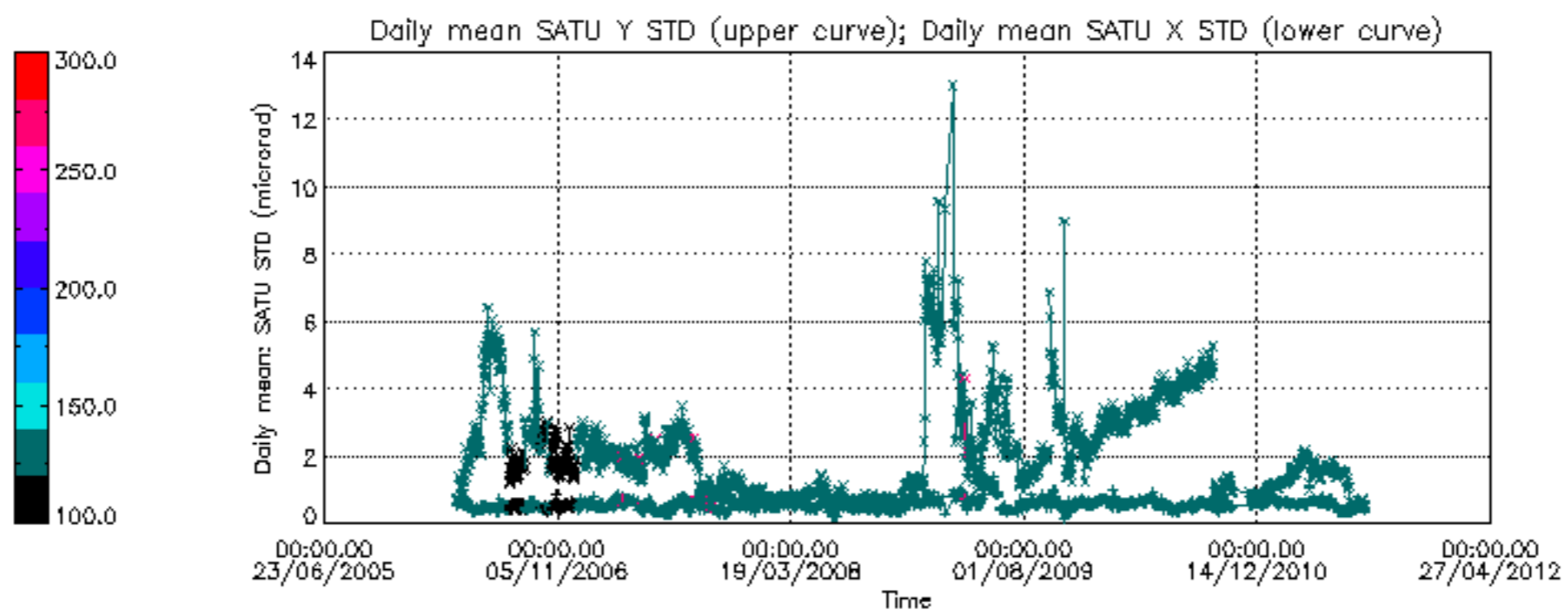


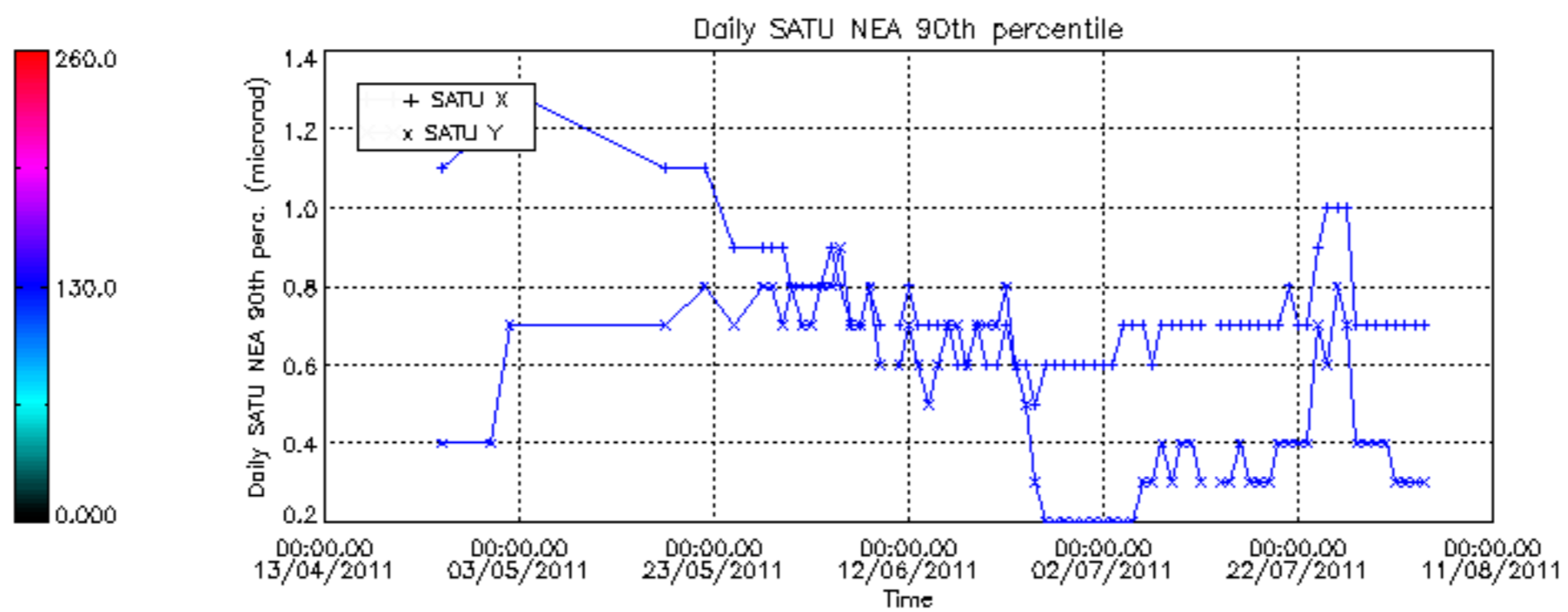
Tangent altitude at which the star is lost

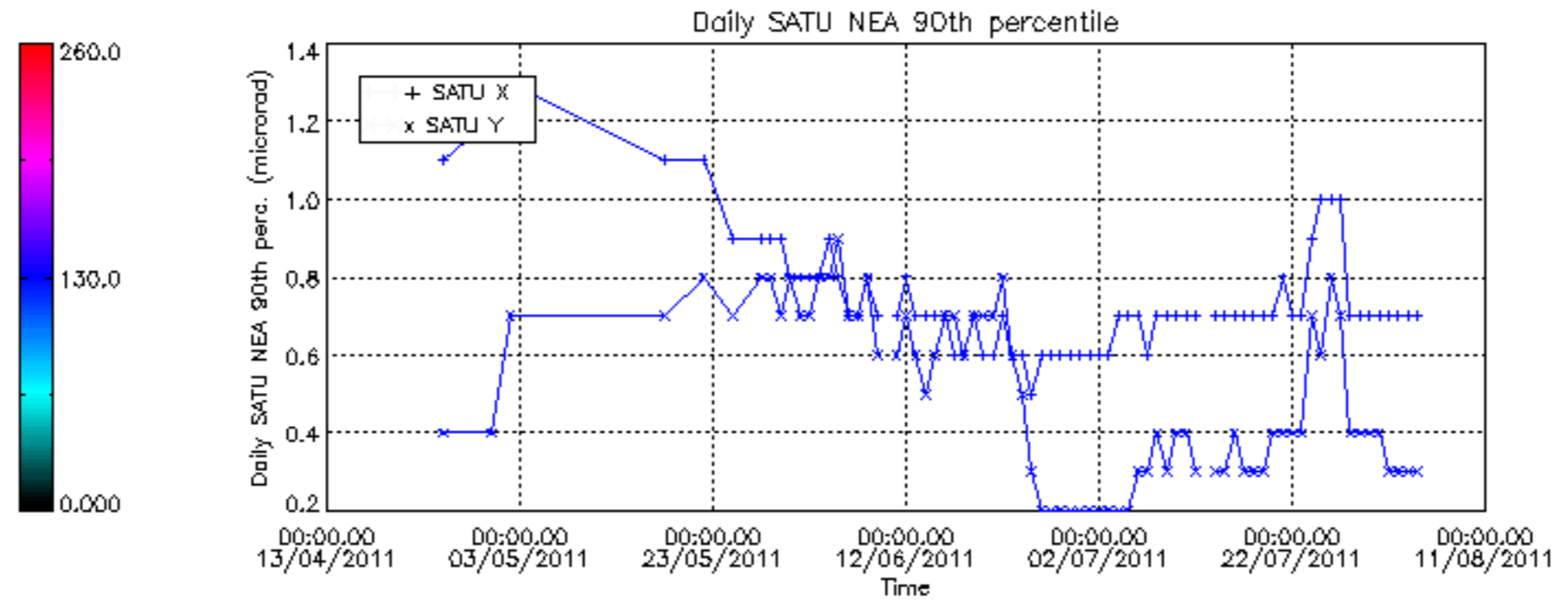












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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20110801_103324_000008403105_00109_49261_4939.N1
 1; 313.1; 01-AUG-2011 10:33:24; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;49261
 2; 604.0; 01-AUG-2011 10:38:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;49261
 3; 920.3; 01-AUG-2011 10:43:31; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;49261
 4; 1107.1; 01-AUG-2011 10:46:38; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;49261
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110801_001705_000057693105_00102_49254_6225.N1
 1; -581.9; 01-AUG-2011 00:17:05; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;49254
 2; -292.6; 01-AUG-2011 00:21:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49254
 3; 308.7; 01-AUG-2011 00:31:56; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49255
 4; 597.5; 01-AUG-2011 00:36:45; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;49255
 5; 917.1; 01-AUG-2011 00:42:04; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49255
 6; 1104.3; 01-AUG-2011 00:45:11; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;49255
 7; 2045.9; 01-AUG-2011 01:00:53; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;49255
 8; 2557.5; 01-AUG-2011 01:09:25; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;49255
 9; 2677.0; 01-AUG-2011 01:11:24; Bright; 35.5; 144; 18Del Cyg ; 2.86; 11000;occ; 71; 0;49255
10; 3068.6; 01-AUG-2011 01:17:56; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;49255
11; 3952.5; 01-AUG-2011 01:32:40; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;49255
12; 4052.6; 01-AUG-2011 01:34:20; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;49255
13; 4179.7; 01-AUG-2011 01:36:27; Bright; 42.5; 6; 13Alp Aur ; 0.08; 3400;occ; 85; 0;49255
14; 4291.6; 01-AUG-2011 01:38:19; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;49255
15; 4494.3; 01-AUG-2011 01:41:41; Dark ; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;49255
16; 4619.4; 01-AUG-2011 01:43:47; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;49255
17; 4770.3; 01-AUG-2011 01:46:17; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;49255
18; 4890.4; 01-AUG-2011 01:48:18; Dark ; 40.0; 27; 24Gam Ori ; 1.64; 26000;occ; 80; 0;49255
19; 5005.2; 01-AUG-2011 01:50:12; Dark ; 39.0; 30; 46Eps Ori ; 1.69; 30000;occ; 78; 0;49255
20; 5154.1; 01-AUG-2011 01:52:41; Dark ; 33.5; 7; 19Bet Ori ; 0.10; 14000;occ; 67; 0;49255
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 1; -859.9; 01-AUG-2011 01:52:41; Dark ; 44.5; 7; 19Bet Ori ; 0.10; 14000;occ; 89; 0;49255
 2; -580.9; 01-AUG-2011 01:57:20; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;49255
 3; -291.9; 01-AUG-2011 02:02:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49255
 4; -17.0; 01-AUG-2011 02:06:44; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;49255
 5; 309.7; 01-AUG-2011 02:12:11; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49256
 6; 598.6; 01-AUG-2011 02:17:00; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;49256
 7; 917.7; 01-AUG-2011 02:22:19; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;49256
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22; 2671.5; 03-AUG-2011 06:38:46; Bright; 36.5; 144; 18Del Cyg ; 2.86; 11000;occ; 73; 0;49287
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 4; 2671.4; 03-AUG-2011 08:19:00; Bright; 36.0; 144; 18Del Cyg ; 2.86; 11000;occ; 72; 0;49288
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22; 2669.5; 04-AUG-2011 04:21:45; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;49300
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9; 4289.0; 04-AUG-2011 08:09:13; Bright; 48.0; 149; 45Eps Per ; 2.89; 30000;occ; 96; 0;49302
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6; 2532.7; 04-AUG-2011 21:01:49; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;49310
7; 2668.2; 04-AUG-2011 21:04:04; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;49310
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9; 3930.4; 04-AUG-2011 21:25:06; Bright; 31.0; 160; 23Gam Per ; 2.93; 4700;occ; 62; 0;49310
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7; 1129.2; 04-AUG-2011 22:18:39; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;49311
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9; 1799.1; 04-AUG-2011 22:29:49; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;49311
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4; 2669.0; 04-AUG-2011 11:02:41; Bright; 36.5; 144; 18Del Cyg ; 2.86; 11000;occ; 73; 0;49304
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19; 4345.8; 16-AUG-2011 00:49:18; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;49470
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22; 4913.0; 16-AUG-2011 00:58:45; Dark ; 44.0; 14; 58Alp Ori ; 0.87; 3000;occ; 88; 0;49470
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23; 6809.9; 15-AUG-2011 13:48:44; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49464
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6; 2582.8; 15-AUG-2011 14:18:31; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49464
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8; 2998.4; 15-AUG-2011 14:25:26; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49464
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11; 4171.1; 15-AUG-2011 14:44:59; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49464
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14; 4700.3; 15-AUG-2011 14:53:48; Dark ; 41.5; 44; 24Gam Gem ; 1.93; 11000;occ; 83; 0;49464
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22; 6467.5; 15-AUG-2011 15:23:15; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49465

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23; 6468.8; 15-AUG-2011 18:43:45; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49467
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4; 1787.8; 15-AUG-2011 19:05:58; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49467
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11; 1903.8; 17-AUG-2011 01:12:05; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;49485
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 13; 2088.8; 18-AUG-2011 02:18:40; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;49500
 14; 2481.2; 18-AUG-2011 02:25:12; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49500
 15; 2579.6; 18-AUG-2011 02:26:51; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49500
 16; 2672.7; 18-AUG-2011 02:28:24; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49500
 17; 2989.5; 18-AUG-2011 02:33:41; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49500
 18; 3254.8; 18-AUG-2011 02:38:06; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49500

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 11; 252.7; 18-AUG-2011 03:28:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49501
 12; 477.9; 18-AUG-2011 03:32:03; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49501
 13; 825.9; 18-AUG-2011 03:37:51; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;49501
 14; 1021.3; 18-AUG-2011 03:41:06; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;49501
 15; 1258.8; 18-AUG-2011 03:45:04; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;49501
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 21; 2579.7; 18-AUG-2011 04:07:05; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;49501
 22; 2672.6; 18-AUG-2011 04:08:38; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49501
 23; 2989.3; 18-AUG-2011 04:13:54; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;49501
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 3;-1476.2; 18-AUG-2011 04:39:43; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;49501
 4;-1304.4; 18-AUG-2011 04:42:35; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;49501
 5;-1086.8; 18-AUG-2011 04:46:12; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;49501
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 8; -701.2; 18-AUG-2011 04:52:38; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;49501
 9; -594.4; 18-AUG-2011 04:54:25; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49501
 10; -416.3; 18-AUG-2011 04:57:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49501
 11; 253.8; 18-AUG-2011 05:08:33; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;49502
 12; 478.4; 18-AUG-2011 05:12:18; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49502
 13; 826.7; 18-AUG-2011 05:18:06; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49502
 14; 1021.7; 18-AUG-2011 05:21:21; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;49502
 15; 1259.2; 18-AUG-2011 05:25:18; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;49502
 16; 1585.6; 18-AUG-2011 05:30:45; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;49502
 17; 1787.6; 18-AUG-2011 05:34:07; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;49502
 18; 1900.9; 18-AUG-2011 05:36:00; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49502
 19; 2088.5; 18-AUG-2011 05:39:08; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;49502
 20; 2481.0; 18-AUG-2011 05:45:40; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49502
 21; 2579.5; 18-AUG-2011 05:47:19; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49502
 22; 2672.5; 18-AUG-2011 05:48:52; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49502
 23; 2989.1; 18-AUG-2011 05:54:08; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49502

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2; 1262.6; 18-AUG-2011 20:27:28; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;49511
3; 1586.6; 18-AUG-2011 20:32:52; Bright; 58.0; 142; 49Del Cap ; 2.85; 8900;occ; 116; 0;49511
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6; 2086.1; 18-AUG-2011 20:41:11; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;49511
7; 2479.7; 18-AUG-2011 20:47:45; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;49511
8; 2671.1; 18-AUG-2011 20:50:56; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49511
9; 2987.0; 18-AUG-2011 20:56:12; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49511
10; 3246.5; 18-AUG-2011 21:00:32; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49511
11; 4165.8; 18-AUG-2011 21:15:51; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49511
12; 4348.4; 18-AUG-2011 21:18:53; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;49511
13; 4539.7; 18-AUG-2011 21:22:05; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49511
14; 4712.3; 18-AUG-2011 21:24:57; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49511
15; 4931.9; 18-AUG-2011 21:28:37; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;49511
16; 5132.3; 18-AUG-2011 21:31:57; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;49511
17; 5219.4; 18-AUG-2011 21:33:24; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;49511
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5; 265.9; 18-AUG-2011 21:51:05; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49512
6; 485.2; 18-AUG-2011 21:54:44; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49512
7; 834.5; 18-AUG-2011 22:00:34; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;49512
8; 979.1; 18-AUG-2011 22:02:58; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;49512
9; 1262.9; 18-AUG-2011 22:07:42; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;49512
10; 1586.8; 18-AUG-2011 22:13:06; Bright; 40.5; 142; 49Del Cap ; 2.85; 8900;occ; 81; 0;49512
11; 1787.4; 18-AUG-2011 22:16:26; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;49512
12; 1899.1; 18-AUG-2011 22:18:18; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;49512
13; 2085.8; 18-AUG-2011 22:21:25; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;49512
14; 2479.4; 18-AUG-2011 22:27:58; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;49512
15; 2578.9; 18-AUG-2011 22:29:38; Bright; 35.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 70; 0;49512
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22; 4712.5; 18-AUG-2011 23:05:12; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;49512
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25; 5220.1; 18-AUG-2011 23:13:39; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;49512
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9; 1586.9; 18-AUG-2011 23:53:20; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49513
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11; 1898.7; 18-AUG-2011 23:58:32; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;49513
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13; 2479.3; 19-AUG-2011 00:08:12; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;49513
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 11; 4550.2; 22-AUG-2011 08:53:54; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49561
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 15; 5169.4; 22-AUG-2011 09:04:14; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;49561
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 18; 5527.5; 22-AUG-2011 09:10:12; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;49561
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 23; 7013.1; 22-AUG-2011 09:34:57; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;49562
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13; 2473.7; 23-AUG-2011 01:01:37; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49571
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12; 525.5; 23-AUG-2011 03:49:37; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49573
13; 879.9; 23-AUG-2011 03:55:32; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;49573
14; 1003.3; 23-AUG-2011 03:57:35; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;49573
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16; 1594.0; 23-AUG-2011 04:07:26; Bright; 41.5; 142; 49Del Cap ; 2.85; 8900;occ; 83; 0;49573
17; 1788.8; 23-AUG-2011 04:10:40; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49573
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19; 2074.0; 23-AUG-2011 04:15:26; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49573
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22; 2974.7; 23-AUG-2011 04:30:26; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49573
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3; 1301.9; 26-AUG-2011 20:34:54; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;49626
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8; 2518.9; 26-AUG-2011 20:55:11; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;49626
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11; 3295.3; 26-AUG-2011 21:08:08; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49626
12; 4146.8; 26-AUG-2011 21:22:19; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;49626
13; 4353.5; 26-AUG-2011 21:25:46; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;49626
14; 4644.6; 26-AUG-2011 21:30:37; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;49626
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13; 2518.3; 26-AUG-2011 22:35:25; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;49627
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16; 3294.5; 26-AUG-2011 22:48:21; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;49627
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 13; 2517.6; 27-AUG-2011 00:15:38; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49628
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 23; 5228.3; 27-AUG-2011 01:00:48; Dark ; 29.0; 30; 46Eps Ori ; 1.69; 30000;occ; 58; 0;49628
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 9; 3296.8; 26-AUG-2011 17:47:41; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49624
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 11; 4353.5; 26-AUG-2011 18:05:18; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;49624
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 13; 4746.1; 26-AUG-2011 18:11:50; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49624
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9;	1302.8;	27-AUG-2011	01:35:37;	Dark ;	46.5;	18;	24Alp PsA ;	1.17;	9700;occ;	93;	0;49629
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18;	4146.2;	27-AUG-2011	02:23:00;	Bright;	56.0;	6;	13Alp Aur ;	0.08;	3400;occ;	112;	0;49629
19;	4353.6;	27-AUG-2011	02:26:28;	Bright;	43.5;	107;	37The Aur ;	2.65;	11000;occ;	87;	0;49629
20;	4645.4;	27-AUG-2011	02:31:20;	Dark ;	54.5;	151;	13Mu Gem ;	2.89;	3000;occ;	109;	0;49629
21;	4747.6;	27-AUG-2011	02:33:02;	Dark ;	49.5;	44;	24Gam Gem ;	1.93;	11000;occ;	99;	0;49629
22;	4835.6;	27-AUG-2011	02:34:30;	Dark ;	39.5;	153;	3Bet CMi ;	2.89;	13100;occ;	79;	0;49629
23;	4999.8;	27-AUG-2011	02:37:14;	Dark ;	66.0;	14;	58Alp Ori ;	0.87;	3000;occ;	132;	0;49629
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26;	5531.7;	27-AUG-2011	02:46:06;	Dark ;	51.5;	101;	11Alp Lep ;	2.58;	7000;occ;	103;	0;49629
27;	5715.0;	27-AUG-2011	02:49:09;	Dark ;	59.0;	0;	;	0.00;	0;occ;	118;	0;49629
28;	6424.0;	27-AUG-2011	03:00:58;	Dark ;	54.0;	157;	The1Eri ;	2.91;	9300;occ;	108;	0;49630
29;	6575.9;	27-AUG-2011	03:03:30;	Dark ;	47.0;	9;	Alp Eri ;	0.45;	24000;occ;	94;	0;49630
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5; 2965.0; 27-AUG-2011 15:25:11; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49637
6; 3157.4; 27-AUG-2011 15:28:23; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49637
7; 3287.3; 27-AUG-2011 15:30:33; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49637
8; 4144.6; 27-AUG-2011 15:44:50; Bright; 38.0; 6; 13Alp Aur ; 0.08; 3400;occ; 76; 0;49637
9; 4353.9; 27-AUG-2011 15:48:20; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;49637
10; 4647.9; 27-AUG-2011 15:53:14; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;49637
11; 4750.5; 27-AUG-2011 15:54:56; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49637
12; 4838.0; 27-AUG-2011 15:56:24; Dark ; 38.5; 153; 3Bet CMI ; 2.89; 13100;occ; 77; 0;49637
13; 5005.3; 27-AUG-2011 15:59:11; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;49637
14; 5321.1; 27-AUG-2011 16:04:27; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;49637
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16; 5723.5; 27-AUG-2011 16:11:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49637
17; 6433.7; 27-AUG-2011 16:23:00; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;49638
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19; 6937.5; 27-AUG-2011 16:31:23; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49638
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 5; 2065.8; 27-AUG-2011 16:50:26; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49638
 6; 2511.8; 27-AUG-2011 16:57:52; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49638
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 14; 4838.4; 27-AUG-2011 17:36:38; Dark ; 40.0; 153; 3Bet CMI ; 2.89; 13100;occ; 80; 0;49638
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 18; 5724.5; 27-AUG-2011 17:51:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49638
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 12; 4648.6; 27-AUG-2011 20:53:57; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;49640
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 14; 4838.8; 27-AUG-2011 20:57:07; Dark ; 40.5; 153; 3Bet CMI ; 2.89; 13100;occ; 81; 0;49640
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 5; 569.5; 27-AUG-2011 23:06:25; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49642
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 9; 1792.0; 27-AUG-2011 23:26:48; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49642
 10; 1884.9; 27-AUG-2011 23:28:21; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;49642
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 12; 2509.3; 27-AUG-2011 23:38:45; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49642
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 16; 4190.2; 28-AUG-2011 00:06:46; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;49642
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 18; 4649.0; 28-AUG-2011 00:14:25; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;49642
 19; 4751.8; 28-AUG-2011 00:16:08; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;49642
 20; 4839.3; 28-AUG-2011 00:17:35; Dark ; 40.0; 153; 3Bet CMI ; 2.89; 13100;occ; 80; 0;49642
 21; 5008.6; 28-AUG-2011 00:20:24; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;49642
 22; 5240.2; 28-AUG-2011 00:24:16; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;49642
 23; 5323.3; 28-AUG-2011 00:25:39; Dark ; 27.5; 1; 9Alp CMA ; -1.44; 11000;occ; 55; 0;49642

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 4; 1885.2; 27-AUG-2011 18:27:39; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;49639
 5; 2065.6; 27-AUG-2011 18:30:40; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49639

6; 2511.1; 27-AUG-2011 18:38:05; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49639
7; 2964.6; 27-AUG-2011 18:45:39; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49639
8; 3155.8; 27-AUG-2011 18:48:50; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49639
9; 3285.7; 27-AUG-2011 18:51:00; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49639
10; 4143.9; 27-AUG-2011 19:05:18; Bright; 32.0; 6; 13Alp Aur ; 0.08; 3400;occ; 64; 0;49639
11; 4353.8; 27-AUG-2011 19:08:48; Bright; 56.5; 107; 37The Aur ; 2.65; 11000;occ; 113; 0;49639
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16; 5322.1; 27-AUG-2011 19:24:56; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;49639
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18; 5725.6; 27-AUG-2011 19:31:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49639
19; 6436.2; 27-AUG-2011 19:43:30; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49640
20; 6582.2; 27-AUG-2011 19:45:56; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49640
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6; 570.8; 28-AUG-2011 02:26:54; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49644
7; 927.0; 28-AUG-2011 02:32:51; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49644
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11; 1884.9; 28-AUG-2011 02:48:48; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;49644
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13; 2508.3; 28-AUG-2011 02:59:12; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49644
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3; -1364.3; 28-AUG-2011 03:34:53; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;49644
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6; -1003.9; 28-AUG-2011 03:40:54; Dark ; 72.5; 14; 58Alp Ori ; 0.87; 3000;occ; 145; 0;49644
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13; 928.0; 28-AUG-2011 04:13:06; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49645
14; 1307.8; 28-AUG-2011 04:19:25; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;49645
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16; 1792.5; 28-AUG-2011 04:27:30; Bright; 38.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 77; 0;49645
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16; 1792.7; 28-AUG-2011 06:07:44; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;49646
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18; 2065.3; 28-AUG-2011 06:12:17; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;49646
19; 2507.3; 28-AUG-2011 06:19:39; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49646
20; 2963.9; 28-AUG-2011 06:27:16; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49646
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13; 2959.4; 31-AUG-2011 01:16:30; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49686
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