

GOMOS Daily Report 09-JUL-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	12JUL2011 07:04:45
Data source version	GOMOS/6.01
Start time of products	09JUL2011 00:05:45
Stop time of products	09JUL2011 23:55:29
Store outputs in DB	Yes
Nb of level 1b prods	249
Nb of prods with errors	2

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

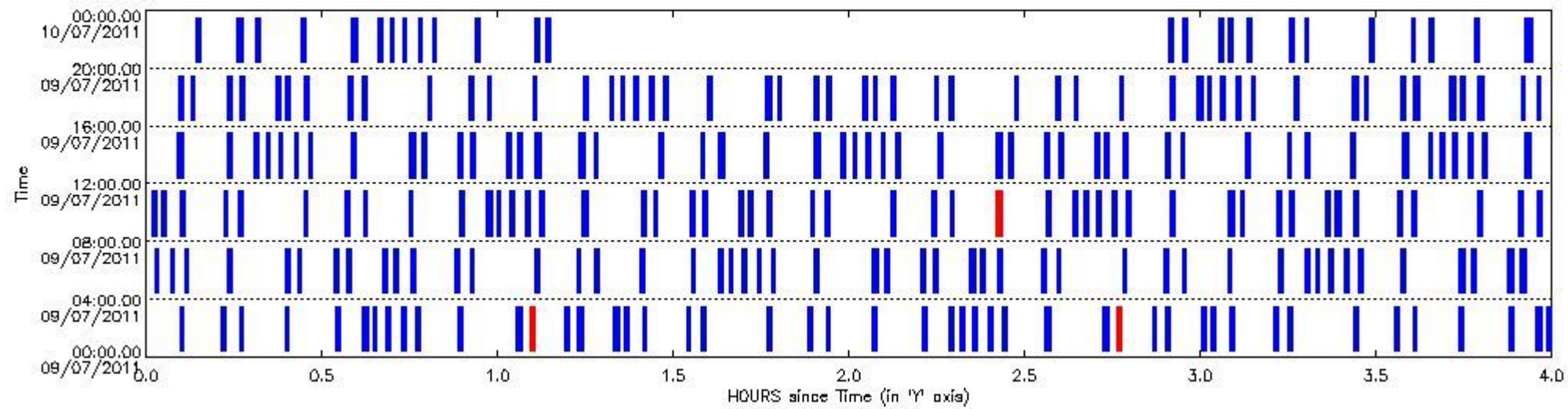
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
09-JUL-2011 01:05:28	The1Eri	157	48924
09-JUL-2011 02:45:42	The1Eri	157	48925
09-JUL-2011 10:25:09	5AlpCep	89	48930

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_1PNPDE20110709_000545_000000423104_00203_48924_1768.N1	09-JUL-2011 00:05:45	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48924	No
2	GOM_TRA_1PNPDE20110709_001247_000000413104_00203_48924_1769.N1	09-JUL-2011 00:12:47	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48924	No
3	GOM_TRA_1PNPDE20110709_001555_000000393104_00203_48924_1770.N1	09-JUL-2011 00:15:55	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48924	No
4	GOM_TRA_1PNPDE20110709_002342_000000413104_00203_48924_1771.N1	09-JUL-2011 00:23:42	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	48924	No
5	GOM_TRA_1PNPDE20110709_003220_000000513104_00203_48924_1772.N1	09-JUL-2011 00:32:20	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	48924	No
6	GOM_TRA_1PNPDE20110709_003651_000000593104_00203_48924_1773.N1	09-JUL-2011 00:36:51	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	48924	No
7	GOM_TRA_1PNPDE20110709_003846_000000363104_00203_48924_1774.N1	09-JUL-2011 00:38:46	Bright	35.500	175	39Del Per	3.0100	19400.	71	48924	No
8	GOM_TRA_1PNPDE20110709_004055_000000413104_00203_48924_1775.N1	09-JUL-2011 00:40:55	Bright	40.500	79	26Bet Per	2.3100	13100.	81	48924	No

9	GOM_TRA_1PNPDE20110709_004335_000000433104_00203_48924_1776.N1	09-JUL-2011 00:43:35	Bright	43.000	150	44Zet Per	2.8900	28000.	86	48924	No
10	GOM_TRA_1PNPDE20110709_004601_000000393104_00203_48924_1777.N1	09-JUL-2011 00:46:01	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	48924	No
11	GOM_TRA_1PNPDE20110709_005315_000000513104_00203_48924_1778.N1	09-JUL-2011 00:53:15	Dark	51.000	94	92Alp Cet	2.5260	3100.0	102	48924	No
12	GOM_TRA_1PNPDE20110709_011131_000000423104_00204_48925_1799.N1	09-JUL-2011 01:11:31	Dark	41.500	9	Alp Eri	0.45300	24000.	83	48925	No
13	GOM_TRA_1PNPDE20110709_011340_000000513104_00204_48925_1800.N1	09-JUL-2011 01:13:40	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	48925	No
14	GOM_TRA_1PNPDE20110709_011950_000000653104_00204_48925_1801.N1	09-JUL-2011 01:19:50	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	48925	No
15	GOM_TRA_1PNPDE20110709_012136_000000493104_00204_48925_1802.N1	09-JUL-2011 01:21:36	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48925	No
16	GOM_TRA_1PNPDE20110709_012443_000000423104_00204_48925_1803.N1	09-JUL-2011 01:24:43	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	48925	No
17	GOM_TRA_1PNPDE20110709_013212_000000443104_00204_48925_1804.N1	09-JUL-2011 01:32:12	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	48925	No
18	GOM_TRA_1PNPDE20110709_013447_000000413104_00204_48925_1805.N1	09-JUL-2011 01:34:47	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48925	No
19	GOM_TRA_1PNPDE20110709_014559_000000423104_00204_48925_1806.N1	09-JUL-2011 01:45:59	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48925	No
20	GOM_TRA_1PNPDE20110709_015301_000000413104_00204_48925_1807.N1	09-JUL-2011 01:53:01	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48925	No
21	GOM_TRA_1PNPDE20110709_015608_000000393104_00204_48925_1808.N1	09-JUL-2011 01:56:08	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48925	No
22	GOM_TRA_1PNPDE20110709_020356_000000453104_00204_48925_1809.N1	09-JUL-2011 02:03:56	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48925	No
23	GOM_TRA_1PNPDE20110709_021234_000000443104_00204_48925_1810.N1	09-JUL-2011 02:12:34	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	48925	No
24	GOM_TRA_1PNPDE20110709_021704_000000543104_00204_48925_1811.N1	09-JUL-2011 02:17:04	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	48925	No
25	GOM_TRA_1PNPDE20110709_021900_000000373104_00204_48925_1812.N1	09-JUL-2011 02:19:00	Bright	36.500	175	39Del Per	3.0100	19400.	73	48925	No
26	GOM_TRA_1PNPDE20110709_022109_000000423104_00204_48925_1813.N1	09-JUL-2011 02:21:09	Bright	42.000	79	26Bet Per	2.3100	13100.	84	48925	No
27	GOM_TRA_1PNPDE20110709_022349_000000443104_00204_48925_1814.N1	09-JUL-2011 02:23:49	Bright	43.500	150	44Zet Per	2.8900	28000.	87	48925	No
28	GOM_TRA_1PNPDE20110709_022615_000000423104_00204_48925_1815.N1	09-JUL-2011 02:26:15	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	48925	No
29	GOM_TRA_1PNPDE20110709_023330_000000533104_00204_48925_1816.N1	09-JUL-2011 02:33:30	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	48925	No
30	GOM_TRA_1PNPDE20110709_025146_000000413104_00205_48926_1817.N1	09-JUL-2011 02:51:46	Dark	41.000	9	Alp Eri	0.45300	24000.	82	48926	No
31	GOM_TRA_1PNPDE20110709_025355_000000513104_00205_48926_1818.N1	09-JUL-2011 02:53:55	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48926	No
32	GOM_TRA_1PNPDE20110709_030005_000000593104_00205_48926_1819.N1	09-JUL-2011 03:00:05	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	48926	No
33	GOM_TRA_1PNPDE20110709_030151_000000483104_00205_48926_1820.N1	09-JUL-2011 03:01:51	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48926	No
34	GOM_TRA_1PNPDE20110709_030458_000000453104_00205_48926_1821.N1	09-JUL-2011 03:04:58	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	48926	No
35	GOM_TRA_1PNPDE20110709_031227_000000563104_00205_48926_1822.N1	09-JUL-2011 03:12:27	Bright	56.000	103	38Zet Sgr	2.6000	9700.0	112	48926	No
36	GOM_TRA_1PNPDE20110709_031501_000000423104_00205_48926_1823.N1	09-JUL-2011 03:15:01	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48926	No
37	GOM_TRA_1PNPDE20110709_032613_000000423104_00205_48926_1824.N1	09-JUL-2011 03:26:13	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48926	No
38	GOM_TRA_1PNPDE20110709_033315_000000423104_00205_48926_1825.N1	09-JUL-2011 03:33:15	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	48926	No
39	GOM_TRA_1PNPDE20110709_033622_000000393104_00205_48926_1826.N1	09-JUL-2011 03:36:22	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48926	No
40	GOM_TRA_1PNPDE20110709_034409_000000423104_00205_48926_1827.N1	09-JUL-2011 03:44:09	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	48926	No
41	GOM_TRA_1PNPDE20110709_035247_000000453104_00205_48926_1826.N1	09-JUL-2011 03:52:47	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48926	No
42	GOM_TRA_1PNPDE20110709_035718_000000593104_00205_48926_1827.N1	09-JUL-2011 03:57:18	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	48926	No
43	GOM_TRA_1PNPDE20110709_035914_000000383104_00205_48926_1828.N1	09-JUL-2011 03:59:14	Bright	37.500	175	39Del Per	3.0100	19400.	75	48926	No
44	GOM_TRA_1PNPDE20110709_040123_000000453104_00205_48926_1829.N1	09-JUL-2011 04:01:23	Bright	44.500	79	26Bet Per	2.3100	13100.	89	48926	No
45	GOM_TRA_1PNPDE20110709_040403_000000443104_00205_48926_1830.N1	09-JUL-2011 04:04:03	Bright	44.000	150	44Zet Per	2.8900	28000.	88	48926	No
46	GOM_TRA_1PNPDE20110709_040629_000000423104_00205_48926_1831.N1	09-JUL-2011 04:06:29	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	48926	No
47	GOM_TRA_1PNPDE20110709_041345_000000523104_00205_48926_1832.N1	09-JUL-2011 04:13:45	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	48926	No
48	GOM_TRA_1PNPDE20110709_042550_000000413104_00205_48926_1833.N1	09-JUL-2011 04:25:50	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48926	No
49	GOM_TRA_1PNPDE20110709_043201_000000523104_00206_48927_1834.N1	09-JUL-2011 04:32:01	Dark	52.000	9	Alp Eri	0.45300	24000.	104	48927	No
50	GOM_TRA_1PNPDE20110709_043410_000000523104_00206_48927_1835.N1	09-JUL-2011 04:34:10	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48927	No
51	GOM_TRA_1PNPDE20110709_044020_000000523104_00206_48927_1836.N1	09-JUL-2011 04:40:20	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	48927	No
52	GOM_TRA_1PNPDE20110709_044205_000000493104_00206_48927_1837.N1	09-JUL-2011 04:42:05	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	48927	No
53	GOM_TRA_1PNPDE20110709_044513_000000453104_00206_48927_1838.N1	09-JUL-2011 04:45:13	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	48927	No
54	GOM_TRA_1PNPDE20110709_045241_000000433104_00206_48927_1839.N1	09-JUL-2011 04:52:41	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48927	No
55	GOM_TRA_1PNPDE20110709_045515_000000423104_00206_48927_1840.N1	09-JUL-2011 04:55:15	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48927	No
56	GOM_TRA_1PNPDE20110709_050626_000000423104_00206_48927_1841.N1	09-JUL-2011 05:06:26	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	48927	No
57	GOM_TRA_1PNPDE20110709_051328_000000423104_00206_48927_1842.N1	09-JUL-2011 05:13:28	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	48927	No
58	GOM_TRA_1PNPDE20110709_051636_000000383104_00206_48927_1843.N1	09-JUL-2011 05:16:36	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48927	No
59	GOM_TRA_1PNPDE20110709_052422_000000443104_00206_48927_1844.N1	09-JUL-2011 05:24:22	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48927	No
60	GOM_TRA_1PNPDE20110709_053301_000000463104_00206_48927_1853.N1	09-JUL-2011 05:33:01	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48927	No
61	GOM_TRA_1PNPDE20110709_053732_000000593104_00206_48927_1854.N1	09-JUL-2011 05:37:32	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	48927	No
62	GOM_TRA_1PNPDE20110709_053928_000000373104_00206_48927_1855.N1	09-JUL-2011 05:39:28	Bright	37.000	175	39Del Per	3.0100	19400.	74	48927	No
63	GOM_TRA_1PNPDE20110709_054137_000000483104_00206_48927_1856.N1	09-JUL-2011 05:41:37	Bright	48.000	79	26Bet Per	2.3100	13100.	96	48927	No
64	GOM_TRA_1PNPDE20110709_054417_000000433104_00206_48927_1857.N1	09-JUL-2011 05:44:17	Bright	42.500	150	44Zet Per	2.8900	28000.	85	48927	No
65	GOM_TRA_1PNPDE20110709_054643_000000433104_00206_48927_1858.N1	09-JUL-2011 05:46:43	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	48927	No
66	GOM_TRA_1PNPDE20110709_055359_000000503104_00206_48927_1859.N1	09-JUL-2011 05:53:59	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	48927	No
67	GOM_TRA_1PNPDE20110709_060605_000000433104_00206_48927_1860.N1	09-JUL-2011 06:06:05	Dark	43.000	157	The1Eri	2.9060	9300.0	86	48927	No

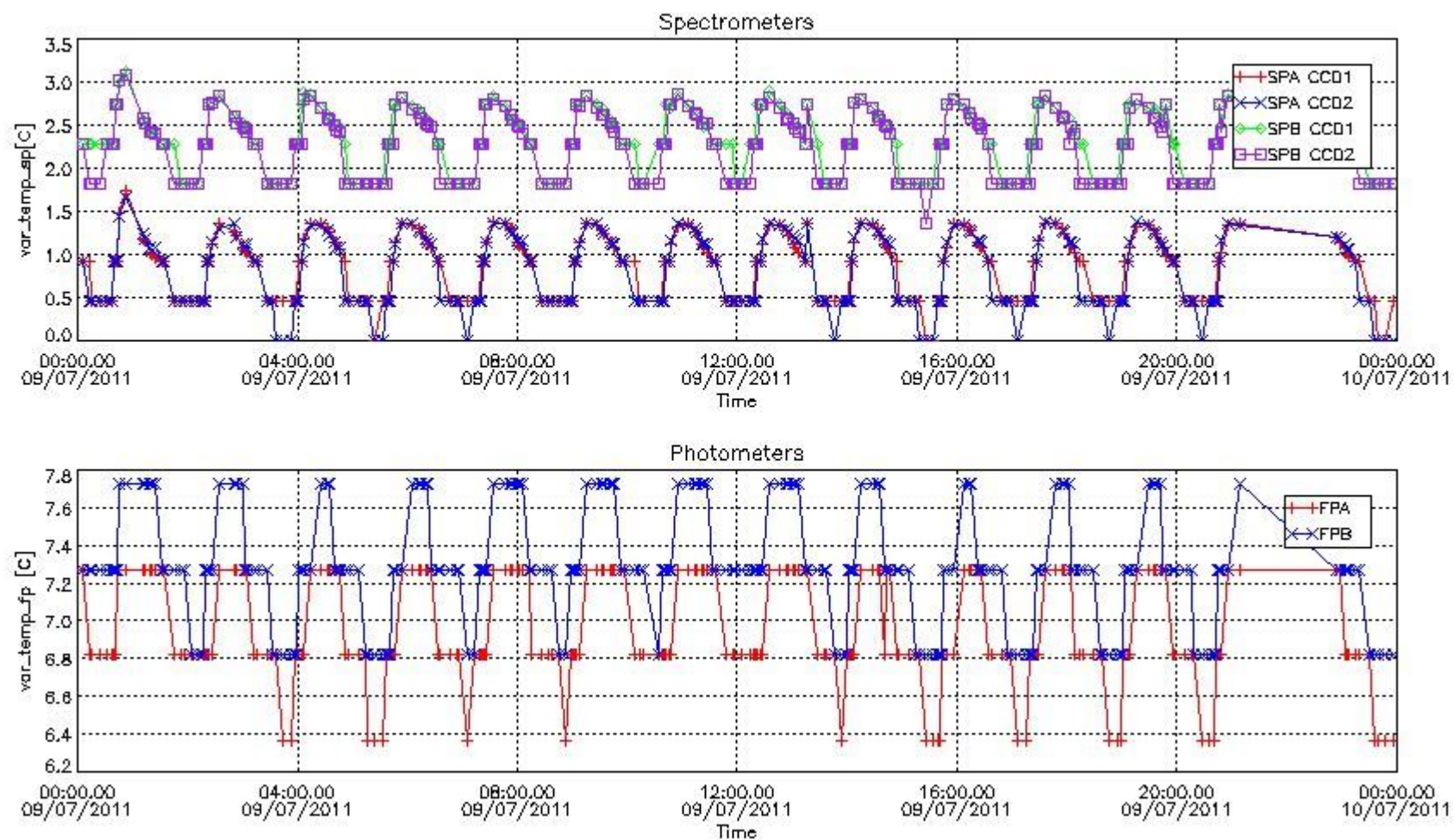
68	GOM_TRA_1PNPDE20110709_061215_000000503104_00207_48928_1861.N1	09-JUL-2011 06:12:15	Dark	50.000	9	Alp Eri	0.45300	24000.	100	48928	No
69	GOM_TRA_1PNPDE20110709_061425_000000493104_00207_48928_1862.N1	09-JUL-2011 06:14:25	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	48928	No
70	GOM_TRA_1PNPDE20110709_062035_000000543104_00207_48928_1863.N1	09-JUL-2011 06:20:35	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48928	No
71	GOM_TRA_1PNPDE20110709_062220_000000493104_00207_48928_1864.N1	09-JUL-2011 06:22:20	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48928	No
72	GOM_TRA_1PNPDE20110709_062528_000000473104_00207_48928_1865.N1	09-JUL-2011 06:25:28	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	48928	No
73	GOM_TRA_1PNPDE20110709_063255_000000453104_00207_48928_1866.N1	09-JUL-2011 06:32:55	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	48928	No
74	GOM_TRA_1PNPDE20110709_063529_000000423104_00207_48928_1867.N1	09-JUL-2011 06:35:29	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48928	No
75	GOM_TRA_1PNPDE20110709_064640_000000413104_00207_48928_1868.N1	09-JUL-2011 06:46:40	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48928	No
76	GOM_TRA_1PNPDE20110709_065342_000000573104_00207_48928_1869.N1	09-JUL-2011 06:53:42	Bright	57.000	5	3Alp Lyr	0.033000	11000.	114	48928	No
77	GOM_TRA_1PNPDE20110709_065650_000000383104_00207_48928_1870.N1	09-JUL-2011 06:56:50	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	48928	No
78	GOM_TRA_1PNPDE20110709_070436_000000453104_00207_48928_1871.N1	09-JUL-2011 07:04:36	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48928	No
79	GOM_TRA_1PNPDK20110709_071314_000000453104_00207_48928_3324.N1	09-JUL-2011 07:13:14	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48928	No
80	GOM_TRA_1PNPDK20110709_071746_000000593104_00207_48928_3325.N1	09-JUL-2011 07:17:46	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	48928	No
81	GOM_TRA_1PNPDK20110709_071942_000000373104_00207_48928_3326.N1	09-JUL-2011 07:19:42	Bright	37.000	175	39Del Per	3.0100	19400.	74	48928	No
82	GOM_TRA_1PNPDK20110709_072151_000000463104_00207_48928_3327.N1	09-JUL-2011 07:21:51	Bright	45.500	79	26Bet Per	2.3100	13100.	91	48928	No
83	GOM_TRA_1PNPDK20110709_072432_000000443104_00207_48928_3328.N1	09-JUL-2011 07:24:32	Bright	43.500	150	44Zet Per	2.8900	28000.	87	48928	No
84	GOM_TRA_1PNPDK20110709_072657_000000443104_00207_48928_3329.N1	09-JUL-2011 07:26:57	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	48928	No
85	GOM_TRA_1PNPDK20110709_073414_000000533104_00207_48928_3330.N1	09-JUL-2011 07:34:14	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	48928	No
86	GOM_TRA_1PNPDK20110709_074619_000000413104_00207_48928_3331.N1	09-JUL-2011 07:46:19	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48928	No
87	GOM_TRA_1PNPDK20110709_075230_000000543104_00208_48929_3332.N1	09-JUL-2011 07:52:30	Dark	53.500	9	Alp Eri	0.45300	24000.	107	48929	No
88	GOM_TRA_1PNPDK20110709_075441_000000513104_00208_48929_3333.N1	09-JUL-2011 07:54:41	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48929	No
89	GOM_TRA_1PNPDK20110709_080050_000000583104_00208_48929_3334.N1	09-JUL-2011 08:00:50	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	48929	No
90	GOM_TRA_1PNPDK20110709_080235_000000493104_00208_48929_3335.N1	09-JUL-2011 08:02:35	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	48929	No
91	GOM_TRA_1PNPDK20110709_080543_000000473104_00208_48929_3336.N1	09-JUL-2011 08:05:43	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	48929	No
92	GOM_TRA_1PNPDK20110709_081309_000000473104_00208_48929_3337.N1	09-JUL-2011 08:13:09	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	48929	No
93	GOM_TRA_1PNPDK20110709_081543_000000413104_00208_48929_3338.N1	09-JUL-2011 08:15:43	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48929	No
94	GOM_TRA_1PNPDK20110709_082654_000000413104_00208_48929_3339.N1	09-JUL-2011 08:26:54	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	48929	No
95	GOM_TRA_1PNPDK20110709_083356_000000423104_00208_48929_3340.N1	09-JUL-2011 08:33:56	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	48929	No
96	GOM_TRA_1PNPDK20110709_083704_000000393104_00208_48929_3341.N1	09-JUL-2011 08:37:04	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	48929	No
97	GOM_TRA_1PNPDK20110709_084449_000000423104_00208_48929_3342.N1	09-JUL-2011 08:44:49	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	48929	No
98	GOM_TRA_1PNPDK20110709_085328_000000433104_00208_48929_3343.N1	09-JUL-2011 08:53:28	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	48929	No
99	GOM_TRA_1PNPDK20110709_085800_000000593104_00208_48929_3344.N1	09-JUL-2011 08:58:00	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	48929	No
100	GOM_TRA_1PNPDK20110709_085956_000000373104_00208_48929_3345.N1	09-JUL-2011 08:59:56	Bright	37.000	175	39Del Per	3.0100	19400.	74	48929	No
101	GOM_TRA_1PNPDK20110709_090205_000000423104_00208_48929_3346.N1	09-JUL-2011 09:02:05	Bright	42.000	79	26Bet Per	2.3100	13100.	84	48929	No
102	GOM_TRA_1PNPDK20110709_090446_000000423104_00208_48929_3347.N1	09-JUL-2011 09:04:46	Bright	41.500	150	44Zet Per	2.8900	28000.	83	48929	No
103	GOM_TRA_1PNPDK20110709_090712_000000433104_00208_48929_3348.N1	09-JUL-2011 09:07:12	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	48929	No
104	GOM_TRA_1PNPDK20110709_091428_000000533104_00208_48929_3349.N1	09-JUL-2011 09:14:28	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	48929	No
105	GOM_TRA_1PNPDK20110709_092634_000000433104_00208_48929_3350.N1	09-JUL-2011 09:26:34	Dark	42.500	157	The1Eri	2.9060	9300.0	85	48929	No
106	GOM_TRA_1PNPDK20110709_093244_000000533104_00209_48930_3351.N1	09-JUL-2011 09:32:44	Dark	53.000	9	Alp Eri	0.45300	24000.	106	48930	No
107	GOM_TRA_1PNPDK20110709_093456_000000523104_00209_48930_3352.N1	09-JUL-2011 09:34:56	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	48930	No
108	GOM_TRA_1PNPDK20110709_094105_000000533104_00209_48930_3353.N1	09-JUL-2011 09:41:05	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	48930	No
109	GOM_TRA_1PNPDK20110709_094250_000000483104_00209_48930_3354.N1	09-JUL-2011 09:42:50	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48930	No
110	GOM_TRA_1PNPDK20110709_094557_000000493104_00209_48930_3355.N1	09-JUL-2011 09:45:57	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	48930	No
111	GOM_TRA_1PNPDK20110709_095323_000000453104_00209_48930_3356.N1	09-JUL-2011 09:53:23	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	48930	No
112	GOM_TRA_1PNPDK20110709_095557_000000413104_00209_48930_3357.N1	09-JUL-2011 09:55:57	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48930	No
113	GOM_TRA_1PNPDK20110709_100707_000000423104_00209_48930_3346.N1	09-JUL-2011 10:07:07	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48930	No
114	GOM_TRA_1PNPDK20110709_101409_000000413104_00209_48930_3347.N1	09-JUL-2011 10:14:09	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48930	No
115	GOM_TRA_1PNPDK20110709_101718_000000393104_00209_48930_3348.N1	09-JUL-2011 10:17:18	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	48930	No
116	GOM_TRA_1PNPDK20110709_103341_000000473104_00209_48930_3349.N1	09-JUL-2011 10:33:41	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	48930	No
117	GOM_TRA_1PNPDK20110709_103814_000000403104_00209_48930_3350.N1	09-JUL-2011 10:38:14	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	48930	No
118	GOM_TRA_1PNPDK20110709_104010_000000473104_00209_48930_3351.N1	09-JUL-2011 10:40:10	Bright	47.000	175	39Del Per	3.0100	19400.	94	48930	No
119	GOM_TRA_1PNPDK20110709_104219_000000443104_00209_48930_3352.N1	09-JUL-2011 10:42:19	Bright	43.500	79	26Bet Per	2.3100	13100.	87	48930	No
120	GOM_TRA_1PNPDK20110709_104500_000000443104_00209_48930_3353.N1	09-JUL-2011 10:45:00	Bright	43.500	150	44Zet Per	2.8900	28000.	87	48930	No
121	GOM_TRA_1PNPDK20110709_104726_000000433104_00209_48930_3354.N1	09-JUL-2011 10:47:26	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	48930	No
122	GOM_TRA_1PNPDK20110709_105443_000000523104_00209_48930_3355.N1	09-JUL-2011 10:54:43	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	48930	No
123	GOM_TRA_1PNPDK20110709_110649_000000383104_00209_48930_3356.N1	09-JUL-2011 11:06:49	Dark	38.000	157	The1Eri	2.9060	9300.0	76	48930	No
124	GOM_TRA_1PNPDK20110709_111259_000000513104_00210_48931_3357.N1	09-JUL-2011 11:12:59	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48931	No
125	GOM_TRA_1PNPDK20110709_111511_000000503104_00210_48931_3358.N1	09-JUL-2011 11:15:11	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	48931	No
126	GOM_TRA_1PNPDK20110709_112120_000000543104_00210_48931_3359.N1	09-JUL-2011 11:21:20	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	48931	No

127	GOM_TRA_1PNPDK20110709_112304_000000513104_00210_48931_3360.N1	09-JUL-2011 11:23:04	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	48931	No
128	GOM_TRA_1PNPDK20110709_112612_000000493104_00210_48931_3361.N1	09-JUL-2011 11:26:12	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	48931	No
129	GOM_TRA_1PNPDK20110709_113338_000000443104_00210_48931_3362.N1	09-JUL-2011 11:33:38	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	48931	No
130	GOM_TRA_1PNPDK20110709_113611_000000413104_00210_48931_3363.N1	09-JUL-2011 11:36:11	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48931	No
131	GOM_TRA_1PNPDK20110709_114721_000000413104_00210_48931_3356.N1	09-JUL-2011 11:47:21	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48931	No
132	GOM_TRA_1PNPDK20110709_115423_000000393104_00210_48931_3357.N1	09-JUL-2011 11:54:23	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	48931	No
133	GOM_TRA_1PNPDK20110709_115731_000000403104_00210_48931_3358.N1	09-JUL-2011 11:57:31	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	48931	No
134	GOM_TRA_1PNPDK20110709_120516_000000593104_00210_48931_3359.N1	09-JUL-2011 12:05:16	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	48931	No
135	GOM_TRA_1PNPDK20110709_121355_000000483104_00210_48931_3360.N1	09-JUL-2011 12:13:55	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	48931	No
136	GOM_TRA_1PNPDK20110709_121827_000000393104_00210_48931_3361.N1	09-JUL-2011 12:18:27	Bright	38.500	160	23Gam Per	2.9300	4700.0	77	48931	No
137	GOM_TRA_1PNPDK20110709_122024_000000363104_00210_48931_3362.N1	09-JUL-2011 12:20:24	Bright	36.000	175	39Del Per	3.0100	19400.	72	48931	No
138	GOM_TRA_1PNPDK20110709_122233_000000433104_00210_48931_3363.N1	09-JUL-2011 12:22:33	Bright	42.500	79	26Bet Per	2.3100	13100.	85	48931	No
139	GOM_TRA_1PNPDK20110709_122514_000000443104_00210_48931_3364.N1	09-JUL-2011 12:25:14	Bright	43.500	150	44Zet Per	2.8900	28000.	87	48931	No
140	GOM_TRA_1PNPDK20110709_122740_000000443104_00210_48931_3365.N1	09-JUL-2011 12:27:40	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	48931	No
141	GOM_TRA_1PNPDK20110709_123457_000000523104_00210_48931_3366.N1	09-JUL-2011 12:34:57	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	48931	No
142	GOM_TRA_1PNPDK20110709_124703_000000433104_00210_48931_3367.N1	09-JUL-2011 12:47:03	Dark	42.500	157	The1Eri	2.9060	9300.0	85	48931	No
143	GOM_TRA_1PNPDK20110709_125313_000000443104_00211_48932_3368.N1	09-JUL-2011 12:53:13	Dark	44.000	9	Alp Eri	0.45300	24000.	88	48932	No
144	GOM_TRA_1PNPDK20110709_125526_000000513104_00211_48932_3369.N1	09-JUL-2011 12:55:26	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48932	No
145	GOM_TRA_1PNPDK20110709_130135_000000523104_00211_48932_3370.N1	09-JUL-2011 13:01:35	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	48932	No
146	GOM_TRA_1PNPDK20110709_130319_000000503104_00211_48932_3371.N1	09-JUL-2011 13:03:19	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	48932	No
147	GOM_TRA_1PNPDK20110709_130627_000000513104_00211_48932_3372.N1	09-JUL-2011 13:06:27	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	48932	No
148	GOM_TRA_1PNPDK20110709_131352_000000563104_00211_48932_3373.N1	09-JUL-2011 13:13:52	Bright	56.000	103	38Zet Sgr	2.6000	9700.0	112	48932	No
149	GOM_TRA_1PNPDK20110709_131625_000000403104_00211_48932_3387.N1	09-JUL-2011 13:16:25	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48932	Yes
150	GOM_TRA_1PNPDK20110709_132735_000000423104_00211_48932_3388.N1	09-JUL-2011 13:27:35	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48932	No
151	GOM_TRA_1PNPDK20110709_133437_000000383104_00211_48932_3389.N1	09-JUL-2011 13:34:37	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	48932	No
152	GOM_TRA_1PNPDK20110709_133745_000000543104_00211_48932_3390.N1	09-JUL-2011 13:37:45	Bright	54.000	69	33Gam Dra	2.2310	3800.0	108	48932	No
153	GOM_TRA_1PNPDK20110709_134529_000000453104_00211_48932_3391.N1	09-JUL-2011 13:45:29	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48932	No
154	GOM_TRA_1PNPDK20110709_135408_000000523104_00211_48932_3392.N1	09-JUL-2011 13:54:08	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	48932	No
155	GOM_TRA_1PNPDK20110709_135841_000000403104_00211_48932_3393.N1	09-JUL-2011 13:58:41	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	48932	No
156	GOM_TRA_1PNPDK20110709_140038_000000433104_00211_48932_3394.N1	09-JUL-2011 14:00:38	Bright	43.000	175	39Del Per	3.0100	19400.	86	48932	No
157	GOM_TRA_1PNPDK20110709_140247_000000563104_00211_48932_3395.N1	09-JUL-2011 14:02:47	Bright	55.500	79	26Bet Per	2.3100	13100.	111	48932	No
158	GOM_TRA_1PNPDK20110709_140528_000000443104_00211_48932_3396.N1	09-JUL-2011 14:05:28	Bright	44.000	150	44Zet Per	2.8900	28000.	88	48932	No
159	GOM_TRA_1PNPDK20110709_140754_000000443104_00211_48932_3397.N1	09-JUL-2011 14:07:54	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	48932	No
160	GOM_TRA_1PNPDK20110709_141512_000000543104_00211_48932_3398.N1	09-JUL-2011 14:15:12	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	48932	No
161	GOM_TRA_1PNPDK20110709_142718_000000413104_00211_48932_3399.N1	09-JUL-2011 14:27:18	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48932	No
162	GOM_TRA_1PNPDK20110709_143328_000000513104_00212_48933_3400.N1	09-JUL-2011 14:33:28	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48933	No
163	GOM_TRA_1PNPDK20110709_143541_000000553104_00212_48933_3401.N1	09-JUL-2011 14:35:41	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	48933	No
164	GOM_TRA_1PNPDK20110709_144149_000000523104_00212_48933_3402.N1	09-JUL-2011 14:41:49	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	48933	No
165	GOM_TRA_1PNPDK20110709_144334_000000493104_00212_48933_3403.N1	09-JUL-2011 14:43:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	48933	No
166	GOM_TRA_1PNPDK20110709_144642_000000513104_00212_48933_3404.N1	09-JUL-2011 14:46:42	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	48933	No
167	GOM_TRA_1PNPDK20110709_145406_000000413104_00212_48933_3405.N1	09-JUL-2011 14:54:06	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	48933	No
168	GOM_TRA_1PNPDK20110709_145640_000000423104_00212_48933_3417.N1	09-JUL-2011 14:56:40	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48933	No
169	GOM_TRA_1PNPDK20110709_150748_000000423104_00212_48933_3418.N1	09-JUL-2011 15:07:48	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48933	No
170	GOM_TRA_1PNPDK20110709_151451_000000443104_00212_48933_3419.N1	09-JUL-2011 15:14:51	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	48933	No
171	GOM_TRA_1PNPDK20110709_151759_000000383104_00212_48933_3420.N1	09-JUL-2011 15:17:59	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	48933	No
172	GOM_TRA_1PNPDK20110709_152542_000000443104_00212_48933_3421.N1	09-JUL-2011 15:25:42	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48933	No
173	GOM_TRA_1PNPDK20110709_153422_000000683104_00212_48933_3422.N1	09-JUL-2011 15:34:22	Bright	68.000	76	27Gam Cas	2.3000	30000.	136	48933	No
174	GOM_TRA_1PNPDK20110709_153855_000000383104_00212_48933_3423.N1	09-JUL-2011 15:38:55	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	48933	No
175	GOM_TRA_1PNPDK20110709_154052_000000563104_00212_48933_3424.N1	09-JUL-2011 15:40:52	Bright	56.000	175	39Del Per	3.0100	19400.	112	48933	No
176	GOM_TRA_1PNPDK20110709_154301_000000533104_00212_48933_3425.N1	09-JUL-2011 15:43:01	Bright	53.000	79	26Bet Per	2.3100	13100.	106	48933	No
177	GOM_TRA_1PNPDK20110709_154542_000000433104_00212_48933_3426.N1	09-JUL-2011 15:45:42	Bright	43.000	150	44Zet Per	2.8900	28000.	86	48933	No
178	GOM_TRA_1PNPDK20110709_154809_000000443104_00212_48933_3427.N1	09-JUL-2011 15:48:09	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	48933	No
179	GOM_TRA_1PNPDK20110709_155527_000000533104_00212_48933_3428.N1	09-JUL-2011 15:55:27	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	48933	No
180	GOM_TRA_1PNPDK20110709_160732_000000423104_00212_48933_3429.N1	09-JUL-2011 16:07:32	Dark	41.500	157	The1Eri	2.9060	9300.0	83	48933	No
181	GOM_TRA_1PNPDK20110709_161342_000000533104_00213_48934_3430.N1	09-JUL-2011 16:13:42	Dark	53.000	9	Alp Eri	0.45300	24000.	106	48934	No
182	GOM_TRA_1PNPDK20110709_161556_000000513104_00213_48934_3431.N1	09-JUL-2011 16:15:56	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	48934	No
183	GOM_TRA_1PNPDK20110709_162204_000000503104_00213_48934_3432.N1	09-JUL-2011 16:22:04	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	48934	No
184	GOM_TRA_1PNPDK20110709_162349_000000483104_00213_48934_3433.N1	09-JUL-2011 16:23:49	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48934	No
185	GOM_TRA_1PNPDK20110709_162657_000000513104_00213_48934_3434.N1	09-JUL-2011 16:26:57	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	48934	No

186	GOM_TRA_1PNPDK20110709_163421_000000563104_00213_48934_3433.N1	09-JUL-2011 16:34:21	Bright	56.000	103	38Zet Sgr	2.6000	9700.0	112	48934	No
187	GOM_TRA_1PNPDK20110709_163654_000000423104_00213_48934_3434.N1	09-JUL-2011 16:36:54	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48934	No
188	GOM_TRA_1PNPDK20110709_164802_000000433104_00213_48934_3435.N1	09-JUL-2011 16:48:02	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	48934	No
189	GOM_TRA_1PNPDK20110709_165504_000000433104_00213_48934_3436.N1	09-JUL-2011 16:55:04	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	48934	No
190	GOM_TRA_1PNPDK20110709_165813_000000383104_00213_48934_3437.N1	09-JUL-2011 16:58:13	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	48934	No
191	GOM_TRA_1PNPDK20110709_170556_000000463104_00213_48934_3438.N1	09-JUL-2011 17:05:56	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	48934	No
192	GOM_TRA_1PNPDK20110709_171435_000000453104_00213_48934_3439.N1	09-JUL-2011 17:14:35	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48934	No
193	GOM_TRA_1PNPDK20110709_171909_000000423104_00213_48934_3440.N1	09-JUL-2011 17:19:09	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	48934	No
194	GOM_TRA_1PNPDK20110709_172106_000000343104_00213_48934_3441.N1	09-JUL-2011 17:21:06	Bright	34.000	175	39Del Per	3.0100	19400.	68	48934	No
195	GOM_TRA_1PNPDK20110709_172315_000000423104_00213_48934_3442.N1	09-JUL-2011 17:23:15	Bright	42.000	79	26Bet Per	2.3100	13100.	84	48934	No
196	GOM_TRA_1PNPDK20110709_172556_000000403104_00213_48934_3443.N1	09-JUL-2011 17:25:56	Bright	40.000	150	44Zet Per	2.8900	28000.	80	48934	No
197	GOM_TRA_1PNPDK20110709_172823_000000443104_00213_48934_3444.N1	09-JUL-2011 17:28:23	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	48934	No
198	GOM_TRA_1PNPDK20110709_173541_000000553104_00213_48934_3445.N1	09-JUL-2011 17:35:41	Dark	54.500	94	92Alp Cet	2.5260	3100.0	109	48934	No
199	GOM_TRA_1PNPDK20110709_174747_000000403104_00213_48934_3446.N1	09-JUL-2011 17:47:47	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48934	No
200	GOM_TRA_1PNPDK20110709_175357_000000493104_00214_48935_3447.N1	09-JUL-2011 17:53:57	Dark	49.000	9	Alp Eri	0.45300	24000.	98	48935	No
201	GOM_TRA_1PNPDK20110709_175611_000000553104_00214_48935_3448.N1	09-JUL-2011 17:56:11	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	48935	No
202	GOM_TRA_1PNPDK20110709_180219_000000503104_00214_48935_3449.N1	09-JUL-2011 18:02:19	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	48935	No
203	GOM_TRA_1PNPDK20110709_180404_000000473104_00214_48935_3450.N1	09-JUL-2011 18:04:04	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48935	No
204	GOM_TRA_1PNPDK20110709_180712_000000533104_00214_48935_3451.N1	09-JUL-2011 18:07:12	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	48935	No
205	GOM_TRA_1PNPDK20110709_181435_000000433104_00214_48935_3492.N1	09-JUL-2011 18:14:35	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48935	No
206	GOM_TRA_1PNPDK20110709_181708_000000413104_00214_48935_3493.N1	09-JUL-2011 18:17:08	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48935	No
207	GOM_TRA_1PNPDK20110709_182816_000000423104_00214_48935_3494.N1	09-JUL-2011 18:28:16	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48935	No
208	GOM_TRA_1PNPDK20110709_183518_000000393104_00214_48935_3495.N1	09-JUL-2011 18:35:18	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	48935	No
209	GOM_TRA_1PNPDK20110709_183827_000000393104_00214_48935_3496.N1	09-JUL-2011 18:38:27	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	48935	No
210	GOM_TRA_1PNPDK20110709_184609_000000453104_00214_48935_3497.N1	09-JUL-2011 18:46:09	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48935	No
211	GOM_TRA_1PNPDK20110709_185449_000000473104_00214_48935_3498.N1	09-JUL-2011 18:54:49	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48935	No
212	GOM_TRA_1PNPDK20110709_185923_000000593104_00214_48935_3499.N1	09-JUL-2011 18:59:23	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	48935	No
213	GOM_TRA_1PNPDK20110709_190120_000000363104_00214_48935_3500.N1	09-JUL-2011 19:01:20	Bright	35.500	175	39Del Per	3.0100	19400.	71	48935	No
214	GOM_TRA_1PNPDK20110709_190329_000000413104_00214_48935_3501.N1	09-JUL-2011 19:03:29	Bright	41.000	79	26Bet Per	2.3100	13100.	82	48935	No
215	GOM_TRA_1PNPDK20110709_190610_000000423104_00214_48935_3502.N1	09-JUL-2011 19:06:10	Bright	41.500	150	44Zet Per	2.8900	28000.	83	48935	No
216	GOM_TRA_1PNPDK20110709_190837_000000433104_00214_48935_3503.N1	09-JUL-2011 19:08:37	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	48935	No
217	GOM_TRA_1PNPDK20110709_191556_000000523104_00214_48935_3504.N1	09-JUL-2011 19:15:56	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	48935	No
218	GOM_TRA_1PNPDK20110709_192801_000000403104_00214_48935_3505.N1	09-JUL-2011 19:28:01	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48935	No
219	GOM_TRA_1PNPDK20110709_193412_000000493104_00215_48936_3506.N1	09-JUL-2011 19:34:12	Dark	48.500	9	Alp Eri	0.45300	24000.	97	48936	No
220	GOM_TRA_1PNPDK20110709_193626_000000533104_00215_48936_3507.N1	09-JUL-2011 19:36:26	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	48936	No
221	GOM_TRA_1PNPDK20110709_194234_000000553104_00215_48936_3508.N1	09-JUL-2011 19:42:34	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	48936	No
222	GOM_TRA_1PNPDK20110709_194418_000000483104_00215_48936_3509.N1	09-JUL-2011 19:44:18	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48936	No
223	GOM_TRA_1PNPDE20110709_194726_000000543104_00215_48936_1946.N1	09-JUL-2011 19:47:26	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	48936	Yes
224	GOM_TRA_1PNPDE20110709_195449_000000413104_00215_48936_1947.N1	09-JUL-2011 19:54:49	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	48936	No
225	GOM_TRA_1PNPDE20110709_195722_000000413104_00215_48936_1948.N1	09-JUL-2011 19:57:22	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48936	No
226	GOM_TRA_1PNPDE20110709_200830_000000443104_00215_48936_1949.N1	09-JUL-2011 20:08:30	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	48936	No
227	GOM_TRA_1PNPDE20110709_201532_000000573104_00215_48936_1950.N1	09-JUL-2011 20:15:32	Bright	57.000	5	3Alp Lyr	0.033000	11000.	114	48936	No
228	GOM_TRA_1PNPDE20110709_201841_000000403104_00215_48936_1951.N1	09-JUL-2011 20:18:41	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	48936	No
229	GOM_TRA_1PNPDE20110709_202623_000000433104_00215_48936_1952.N1	09-JUL-2011 20:26:23	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	48936	No
230	GOM_TRA_1PNPDE20110709_203502_000000603104_00215_48936_1953.N1	09-JUL-2011 20:35:02	Bright	60.000	76	27Gam Cas	2.3000	30000.	120	48936	No
231	GOM_TRA_1PNPDE20110709_203937_000000403104_00215_48936_1954.N1	09-JUL-2011 20:39:37	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	48936	No
232	GOM_TRA_1PNPDE20110709_204134_000000383104_00215_48936_1955.N1	09-JUL-2011 20:41:34	Bright	37.500	175	39Del Per	3.0100	19400.	75	48936	No
233	GOM_TRA_1PNPDE20110709_204343_000000413104_00215_48936_1956.N1	09-JUL-2011 20:43:43	Bright	40.500	79	26Bet Per	2.3100	13100.	81	48936	No
234	GOM_TRA_1PNPDE20110709_204624_000000423104_00215_48936_1957.N1	09-JUL-2011 20:46:24	Bright	42.000	150	44Zet Per	2.8900	28000.	84	48936	No
235	GOM_TRA_1PNPDE20110709_204851_000000433104_00215_48936_1958.N1	09-JUL-2011 20:48:51	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	48936	No
236	GOM_TRA_1PNPDE20110709_205610_000000523104_00215_48936_1973.N1	09-JUL-2011 20:56:10	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	48936	No
237	GOM_TRA_1PNPDE20110709_210816_000000403104_00215_48936_1974.N1	09-JUL-2011 21:08:16	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48936	No
238	GOM_TRA_1PNPDE20110709_225441_000000493104_00217_48938_1995.N1	09-JUL-2011 22:54:41	Dark	49.000	9	Alp Eri	0.45300	24000.	98	48938	No
239	GOM_TRA_1PNPDE20110709_225656_000000513104_00217_48938_1996.N1	09-JUL-2011 22:56:56	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	48938	No
240	GOM_TRA_1PNPDE20110709_230304_000000523104_00217_48938_1997.N1	09-JUL-2011 23:03:04	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	48938	No
241	GOM_TRA_1PNPDE20110709_230448_000000473104_00217_48938_1998.N1	09-JUL-2011 23:04:48	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	48938	No
242	GOM_TRA_1PNPDE20110709_230756_000000553104_00217_48938_1999.N1	09-JUL-2011 23:07:56	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	48938	No
243	GOM_TRA_1PNPDE20110709_231517_000000493104_00217_48938_2000.N1	09-JUL-2011 23:15:17	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	48938	No
244	GOM_TRA_1PNPDE20110709_231750_000000413104_00217_48938_2001.N1	09-JUL-2011 23:17:50	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48938	No

245	GOM_TRA_1PNPDE20110709_232857_000000423104_00217_48938_2002.N1	09-JUL-2011 23:28:57	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	48938	No
246	GOM_TRA_1PNPDE20110709_233559_000000403104_00217_48938_2003.N1	09-JUL-2011 23:35:59	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	48938	No
247	GOM_TRA_1PNPDE20110709_233908_000000373104_00217_48938_2004.N1	09-JUL-2011 23:39:08	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	48938	No
248	GOM_TRA_1PNPDE20110709_234649_000000453104_00217_48938_2005.N1	09-JUL-2011 23:46:49	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48938	No
249	GOM_TRA_1PNPDE20110709_235529_000000683104_00217_48938_2006.N1	09-JUL-2011 23:55:29	Bright	68.000	76	27Gam Cas	2.3000	30000.	136	48938	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).

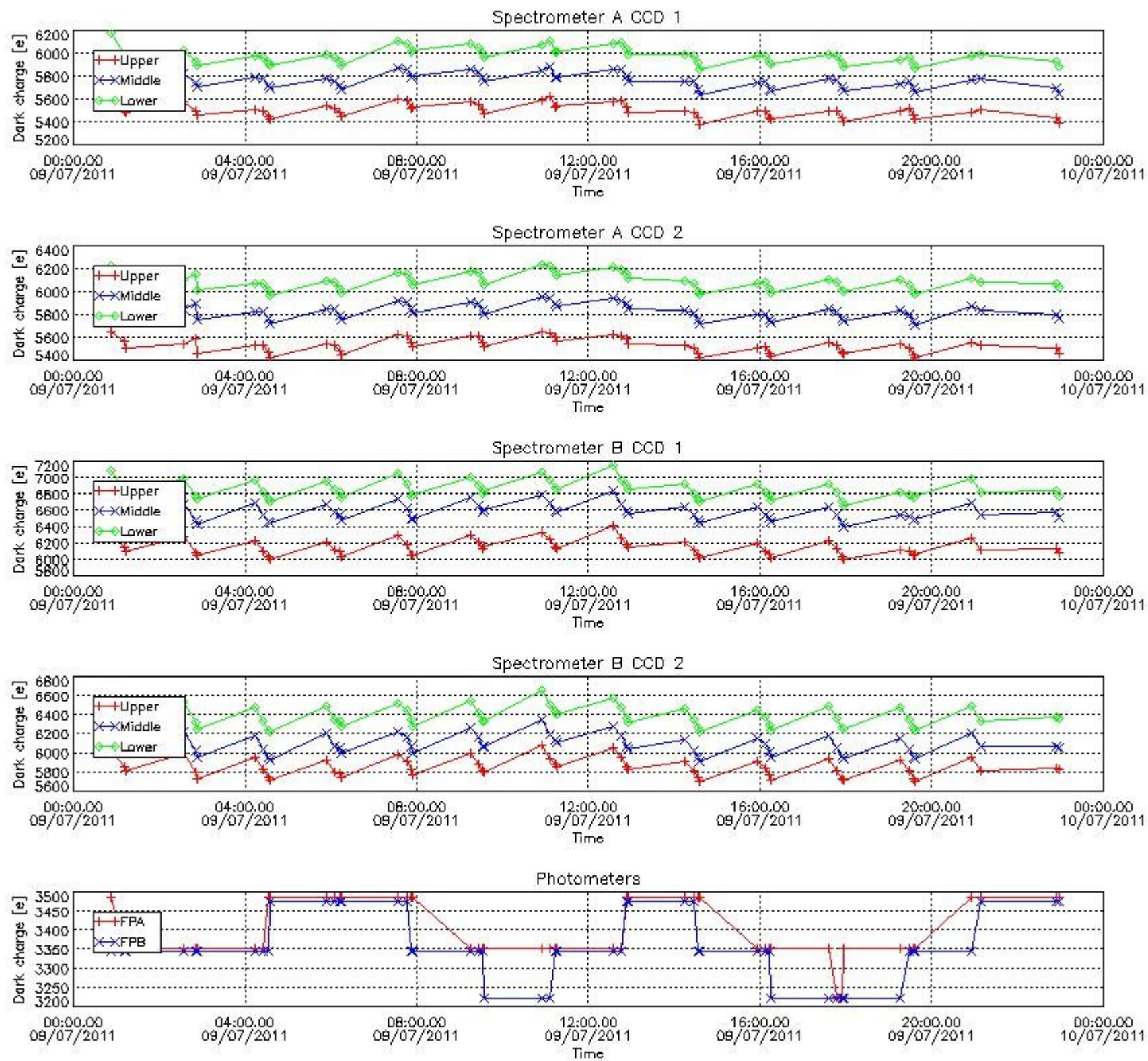
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110709_194726_000000543104_00215_48936_1946.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110709_195449_000000413104_00215_48936_1947.N1	DC map used
GOM_TRA_1PNPDE20110709_195722_000000413104_00215_48936_1948.N1	DC map used
GOM_TRA_1PNPDE20110709_200830_000000443104_00215_48936_1949.N1	DC map used
GOM_TRA_1PNPDE20110709_201532_000000573104_00215_48936_1950.N1	DC map used

GOM_TRA_1PNPDE20110709_201841_000000403104_00215_48936_1951.N1	DC map used
GOM_TRA_1PNPDE20110709_202623_000000433104_00215_48936_1952.N1	DC map used
GOM_TRA_1PNPDE20110709_203502_000000603104_00215_48936_1953.N1	DC map used
GOM_TRA_1PNPDE20110709_203937_000000403104_00215_48936_1954.N1	DC map used
GOM_TRA_1PNPDE20110709_204134_000000383104_00215_48936_1955.N1	DC map used
GOM_TRA_1PNPDE20110709_204343_000000413104_00215_48936_1956.N1	DC map used
GOM_TRA_1PNPDE20110709_204624_000000423104_00215_48936_1957.N1	DC map used
GOM_TRA_1PNPDE20110709_204851_000000433104_00215_48936_1958.N1	DC map used
GOM_TRA_1PNPDE20110709_225441_000000493104_00217_48938_1995.N1	DC map used
GOM_TRA_1PNPDE20110709_225656_000000513104_00217_48938_1996.N1	DC map used
GOM_TRA_1PNPDE20110709_230304_000000523104_00217_48938_1997.N1	DC map used
GOM_TRA_1PNPDE20110709_230448_000000473104_00217_48938_1998.N1	DC map used
GOM_TRA_1PNPDE20110709_230756_000000553104_00217_48938_1999.N1	DC map used
GOM_TRA_1PNPDE20110709_231517_000000493104_00217_48938_2000.N1	DC map used
GOM_TRA_1PNPDE20110709_231750_000000413104_00217_48938_2001.N1	DC map used
GOM_TRA_1PNPDE20110709_232857_000000423104_00217_48938_2002.N1	DC map used
GOM_TRA_1PNPDE20110709_233559_000000403104_00217_48938_2003.N1	DC map used
GOM_TRA_1PNPDE20110709_233908_000000373104_00217_48938_2004.N1	DC map used
GOM_TRA_1PNPDE20110709_234649_000000453104_00217_48938_2005.N1	DC map used
GOM_TRA_1PNPDE20110709_235529_000000683104_00217_48938_2006.N1	DC map used

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



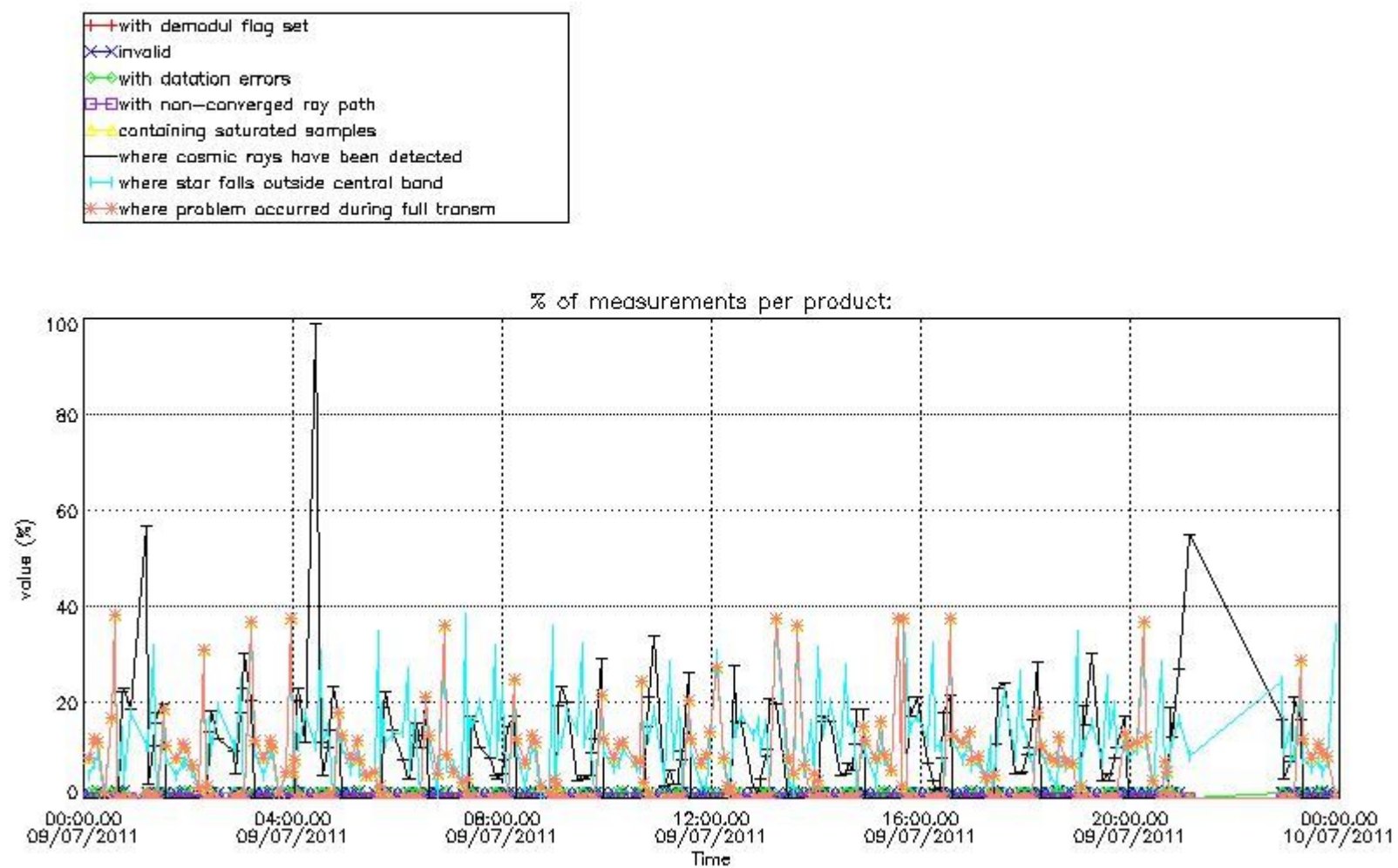
5. Demodulation flag and quality information monitoring

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.

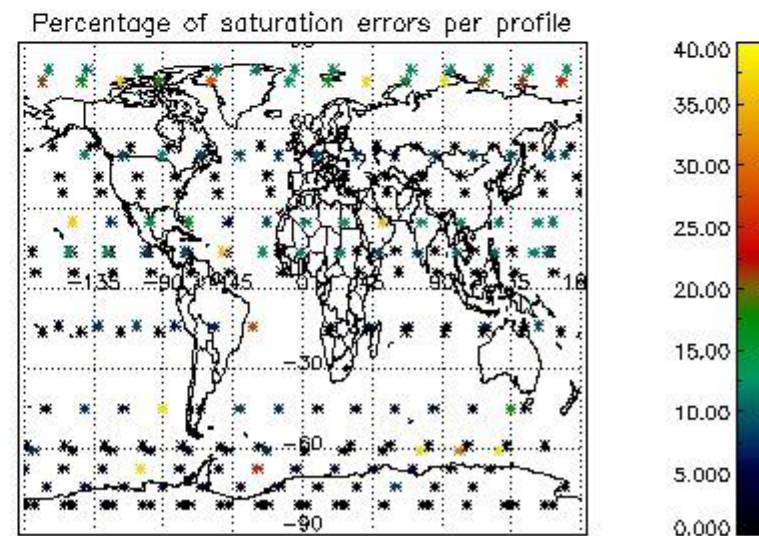
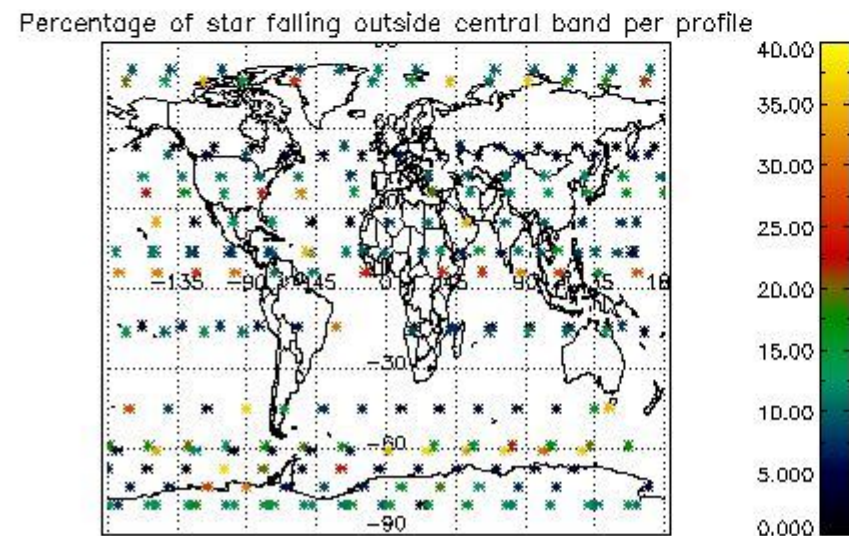
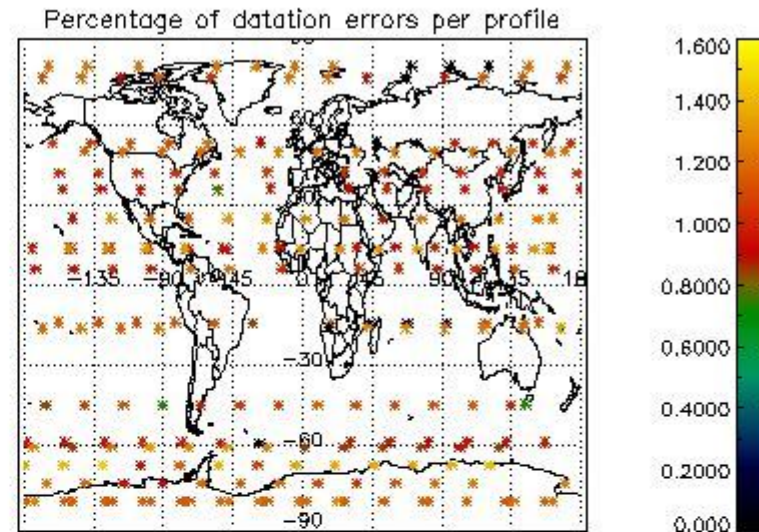
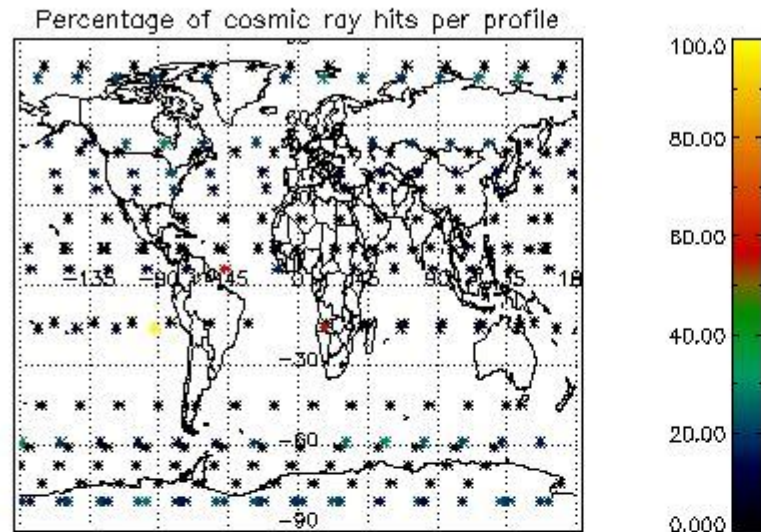
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	39.2713 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	59.1093 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



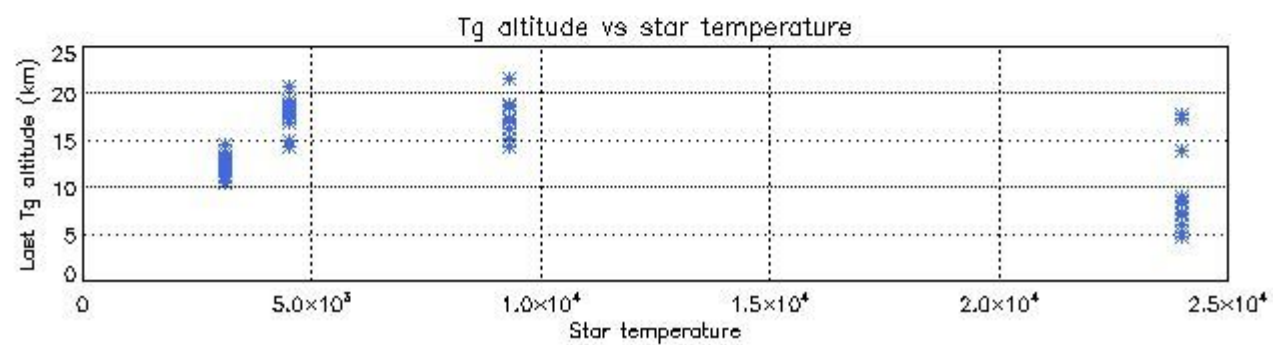
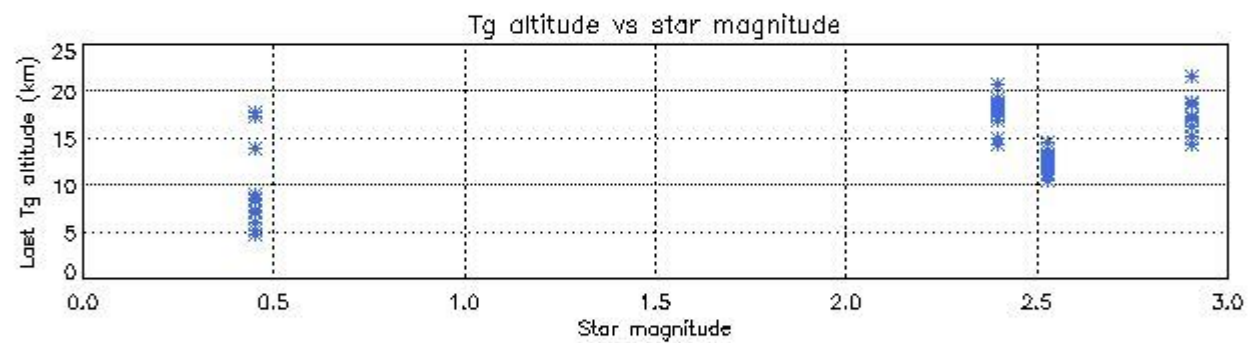
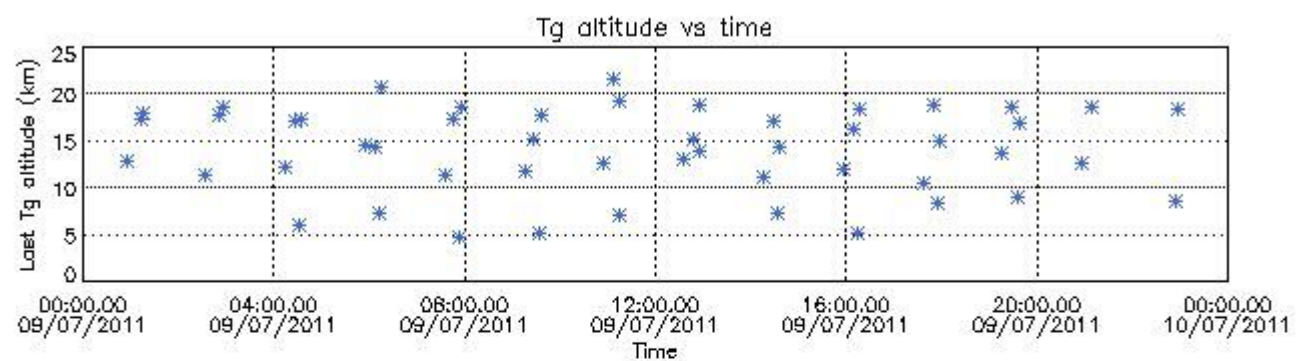
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.969	17.866	15.720
St. deviation:	4.5170	6.5603	1.7936
Maximum:	21.656	31.755	20.845
Minimum:	4.7393	3.3409	13.983
Number of data:	50.000	146.00	13.000

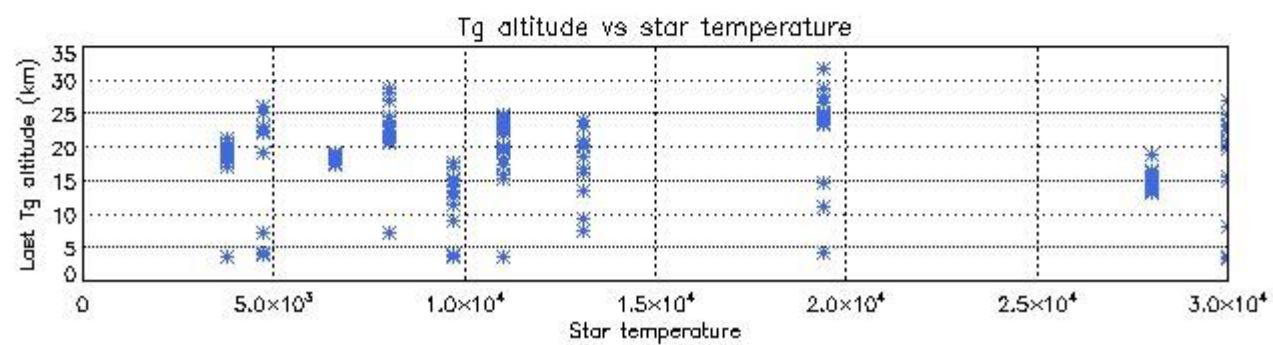
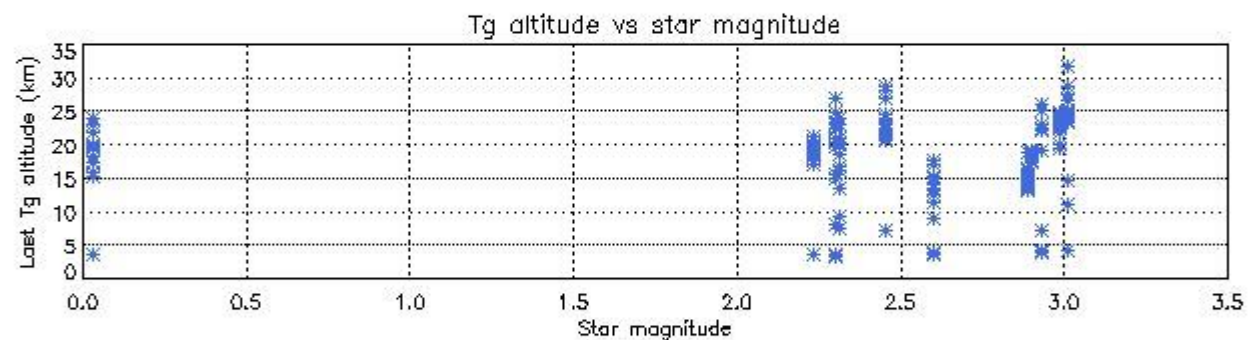
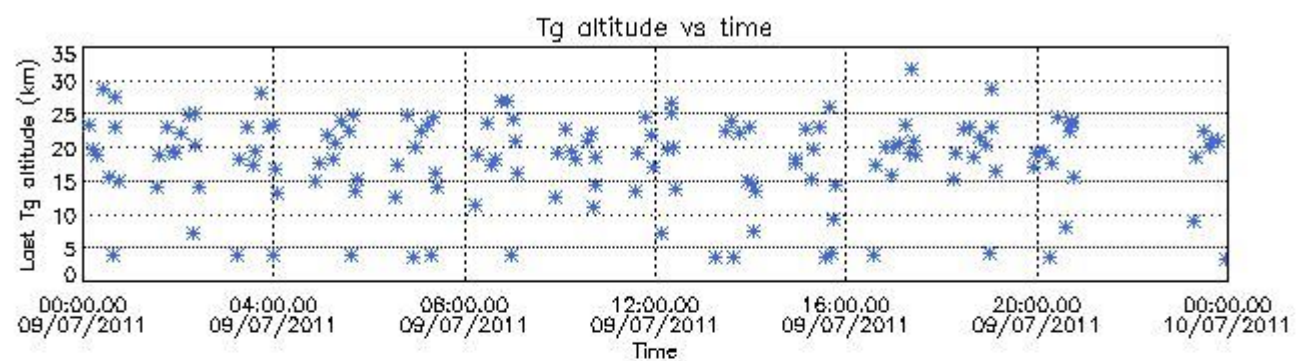
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



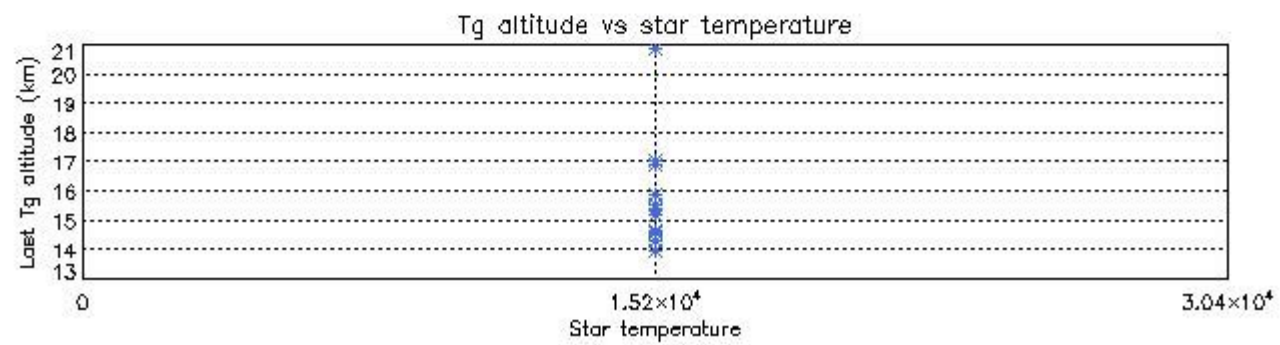
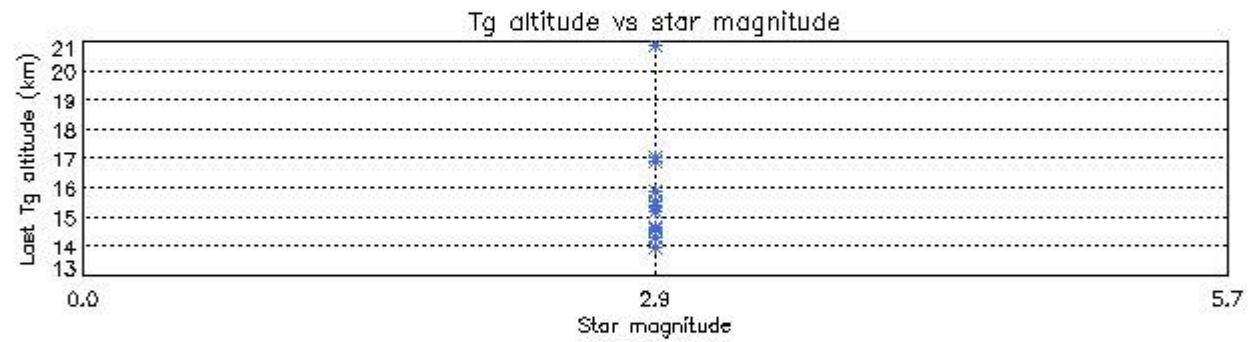
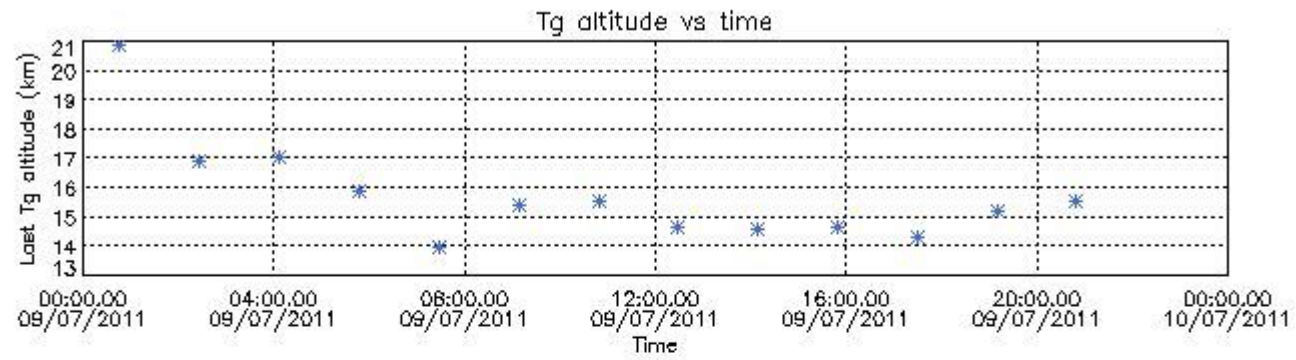
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

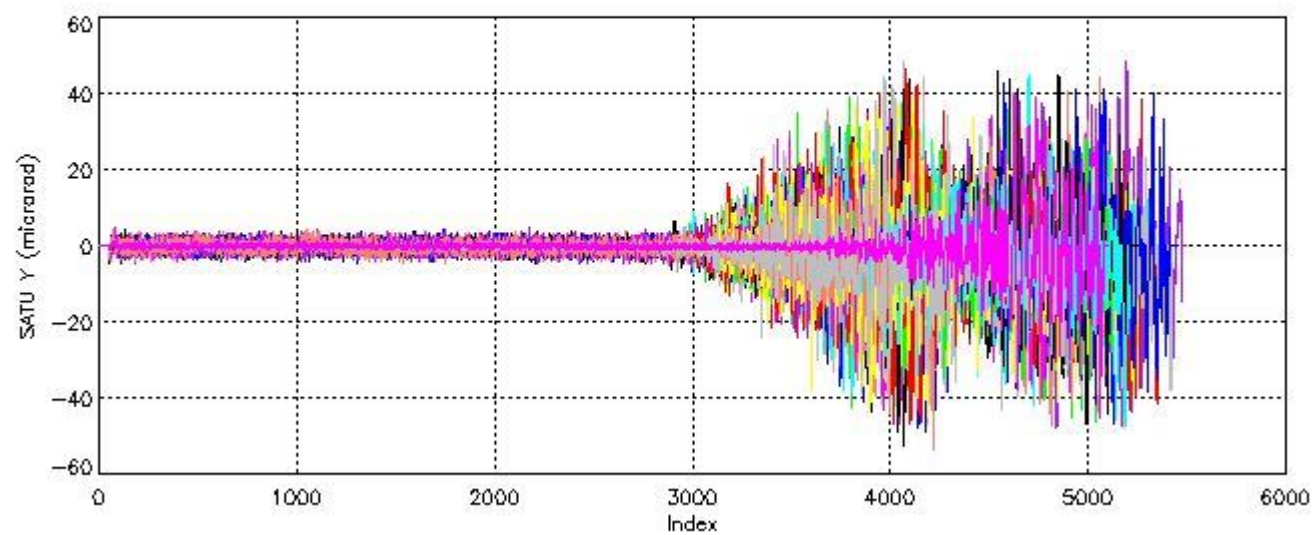
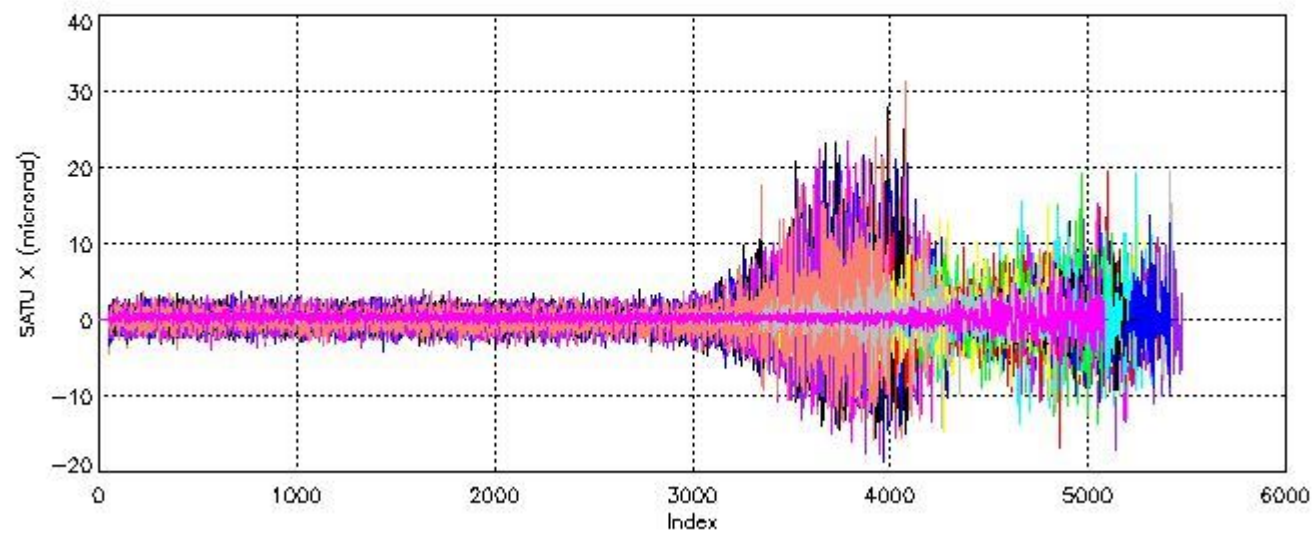


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.15961	-0.26829	0.19457	-0.24481
St. deviation:	0.42857	0.54547	0.89795	1.0682
Maximum:	3.8000	4.7000	8.9000	7.0000
Minimum:	-4.4000	-5.0000	-9.5000	-8.4000

Number of data:	51800.	51800.	1.4060E+05	1.4060E+05
90Percentile:	0.70000	0.30000	1.4000	1.1000

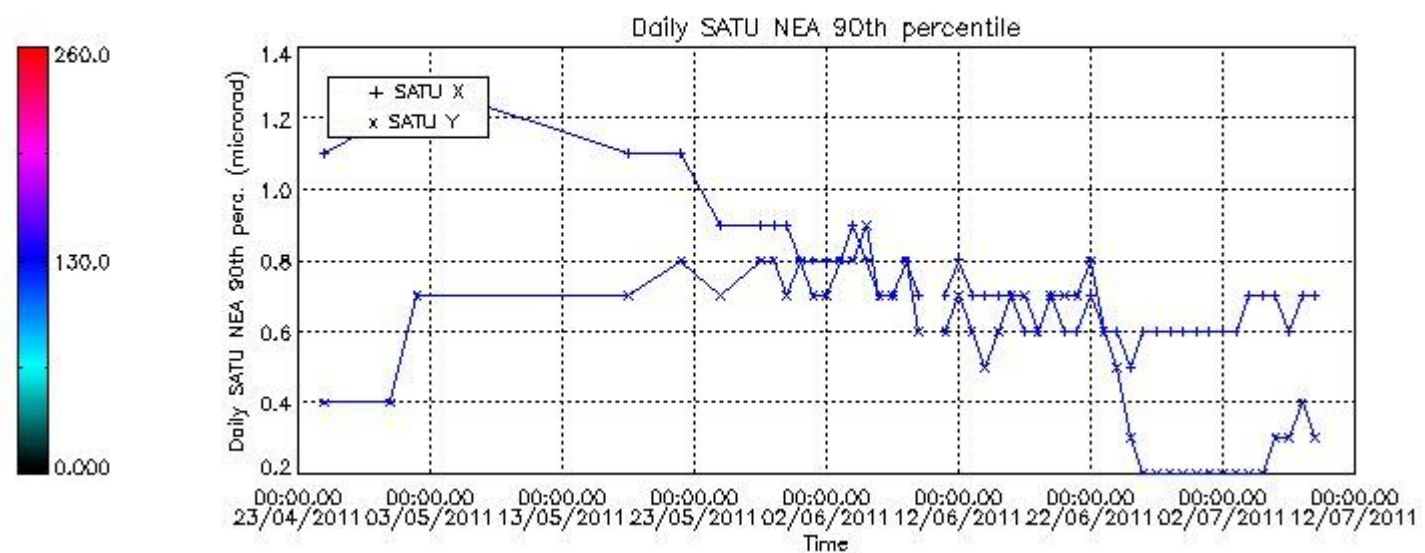
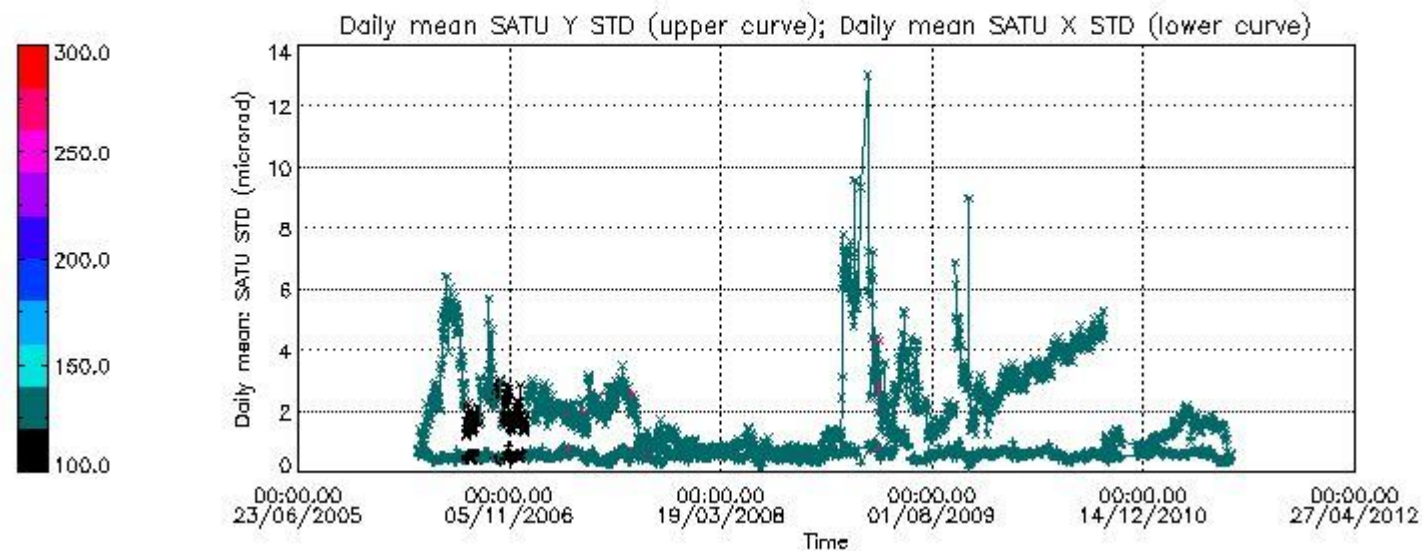
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

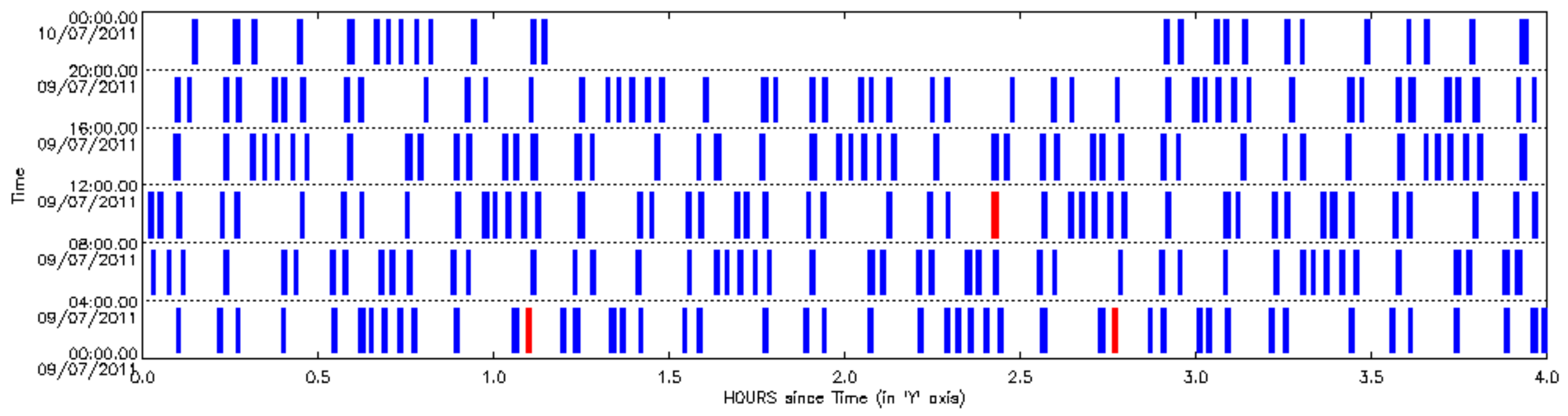
Lower curve: STD of SATU X axis

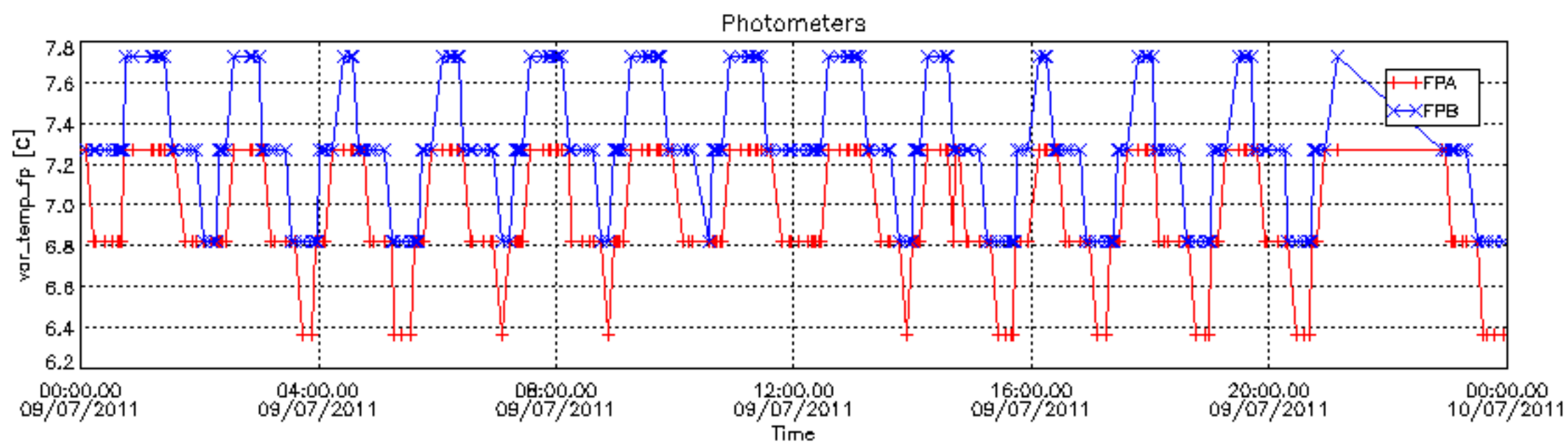
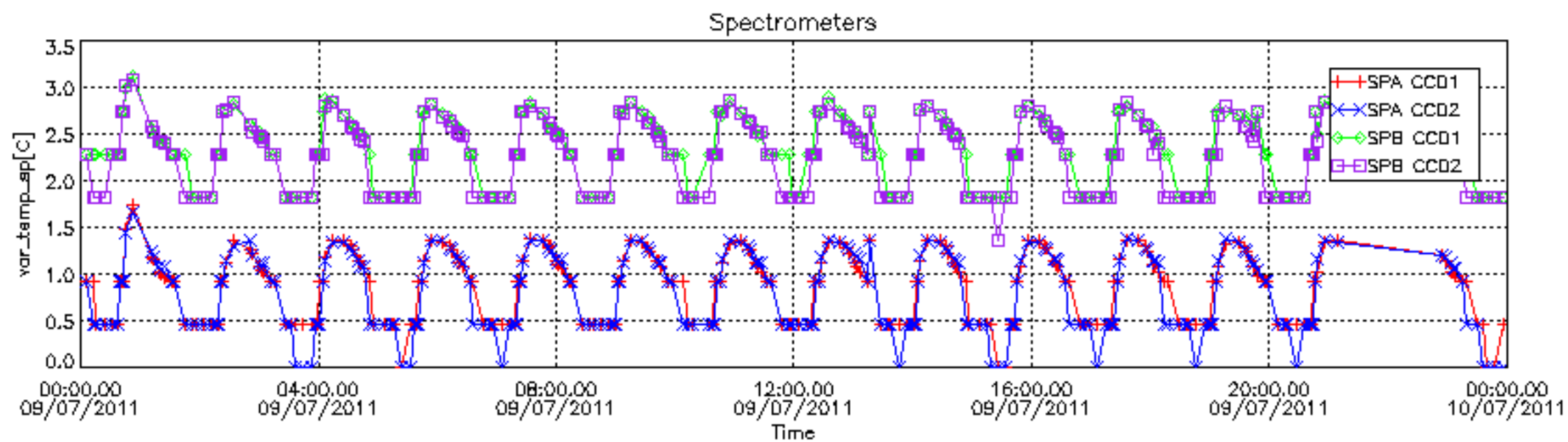


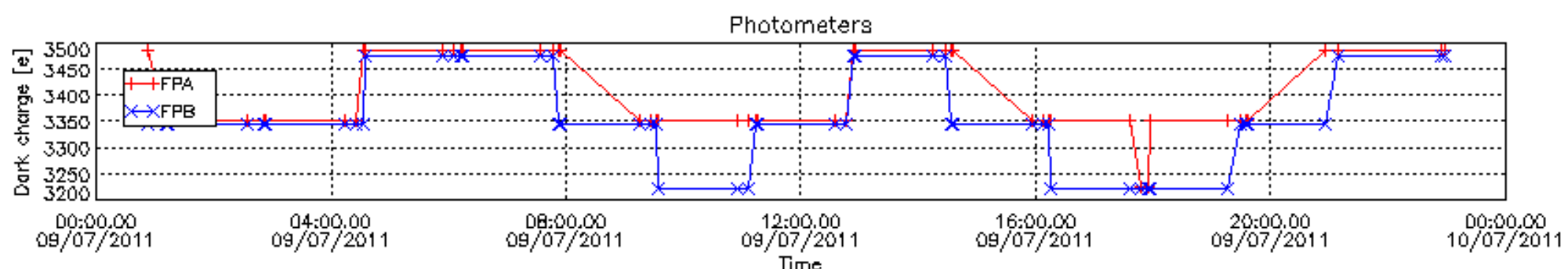
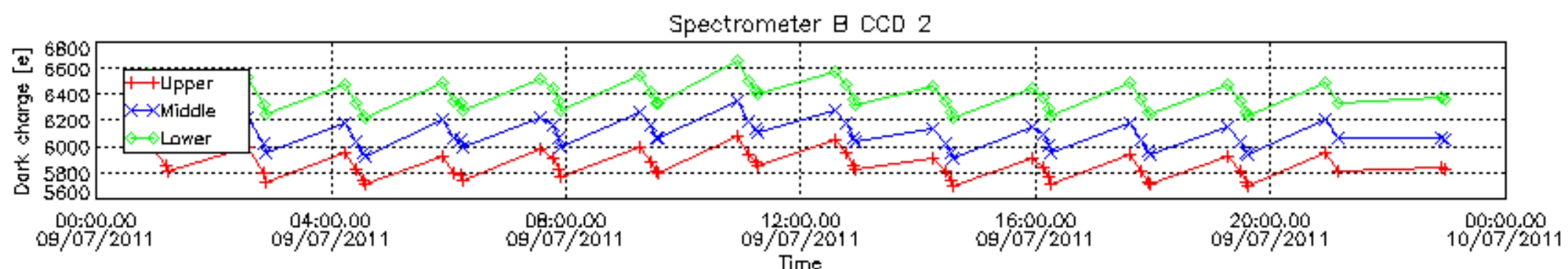
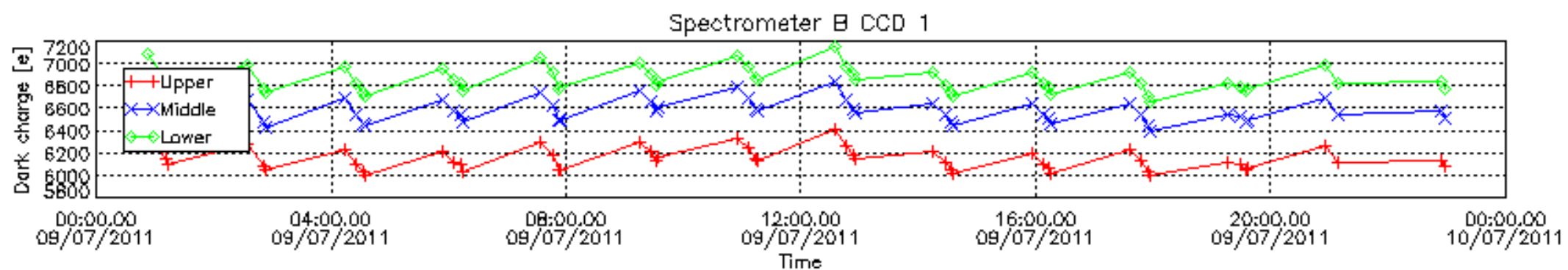
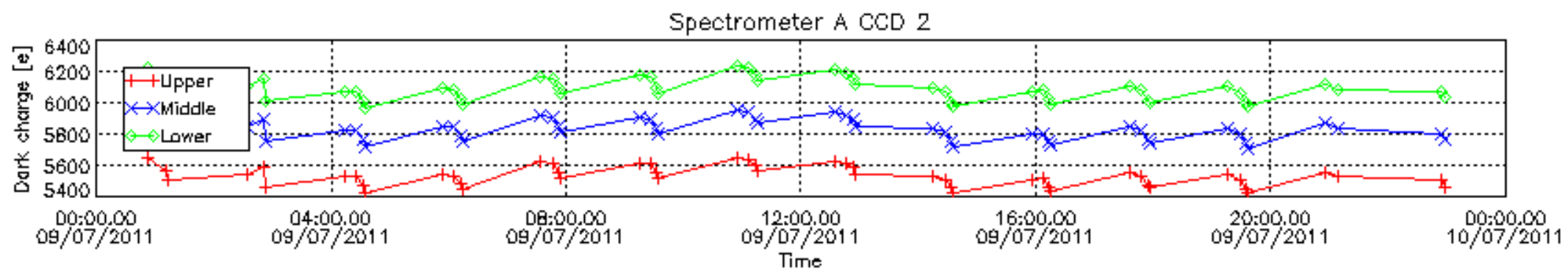
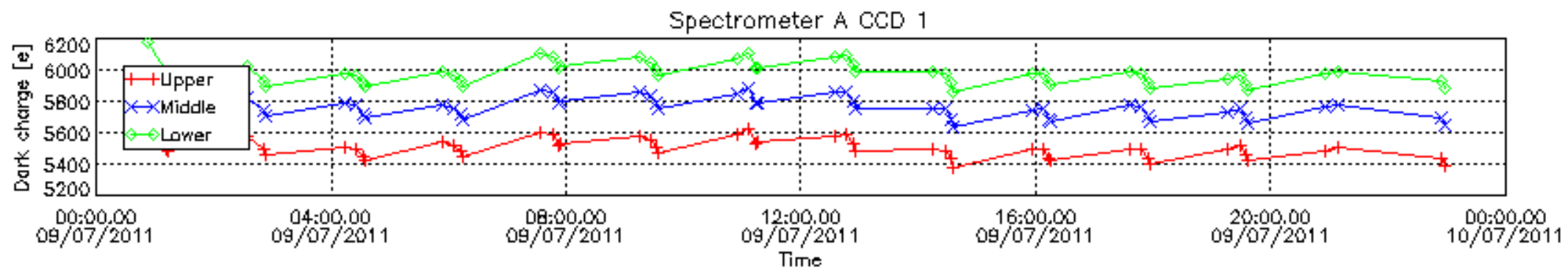
8. Auxiliary Data Files used for the production reported in section 2.4

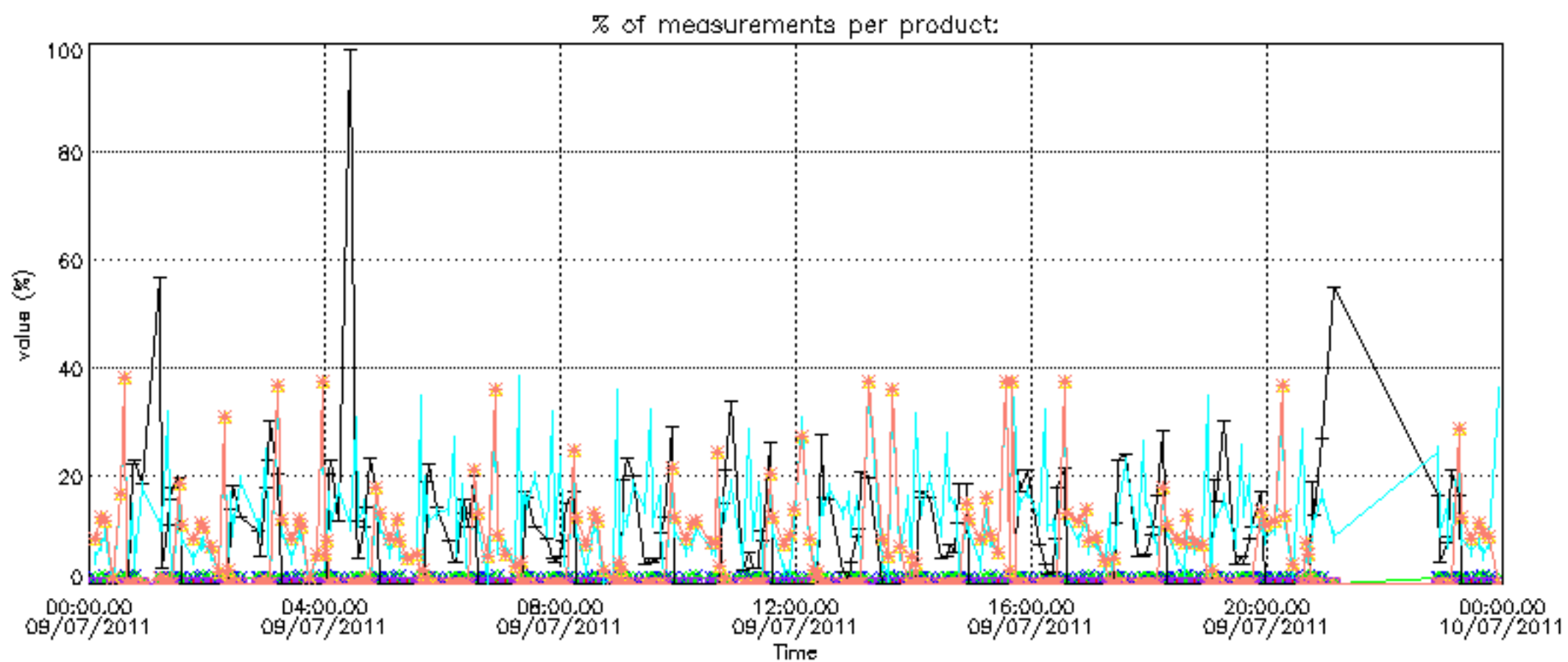
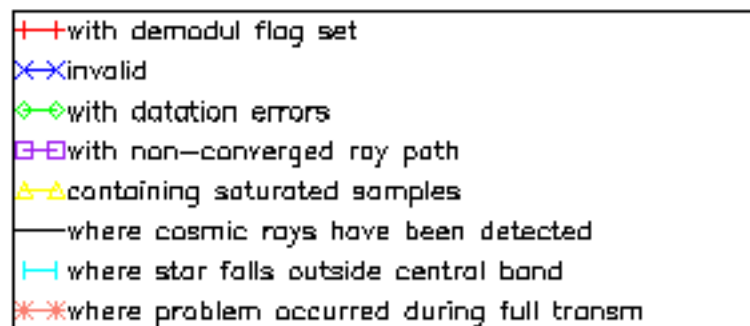
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUL-2011 00:05:45
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110628_073212_20110627_000000_20500101_000000	1	09-JUL-2011 00:05:45
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	09-JUL-2011 00:05:45
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20110513_081743_20020301_000000_20500101_000000	79	09-JUL-2011 07:13:14
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	09-JUL-2011 00:05:45
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	09-JUL-2011 00:05:45
ECMWF_FILE	AUX_ECF_AXNECM20110708_062115_20110708_210000_20110709_090000	1	09-JUL-2011 00:05:45
ECMWF_FILE	AUX_ECF_AXNECM20110708_181558_20110709_030000_20110709_150000	41	09-JUL-2011 03:52:47
ECMWF_FILE	AUX_ECA_AXNECM20110709_062114_20110708_210000_20110709_090000	60	09-JUL-2011 05:33:01
ECMWF_FILE	AUX_ECF_AXNECM20110708_181558_20110709_030000_20110709_150000	94	09-JUL-2011 08:26:54
ECMWF_FILE	AUX_ECF_AXNECM20110709_062114_20110709_090000_20110709_210000	113	09-JUL-2011 10:07:07
ECMWF_FILE	AUX_ECF_AXNECM20110709_062115_20110709_150000_20110710_030000	186	09-JUL-2011 16:34:21
ECMWF_FILE	AUX_ECA_AXNECM20110709_180751_20110709_090000_20110709_210000	205	09-JUL-2011 18:14:35
ECMWF_FILE	AUX_ECF_AXNECM20110709_062115_20110709_150000_20110710_030000	236	09-JUL-2011 20:56:10
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OPTIONAL_ECMWF_FILE	MISSING	1	09-JUL-2011 00:05:45
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110708_102943_20110707_190542_20110717_211928	1	09-JUL-2011 00:05:45
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110709_102114_20110708_182857_20110718_204245	113	09-JUL-2011 10:07:07

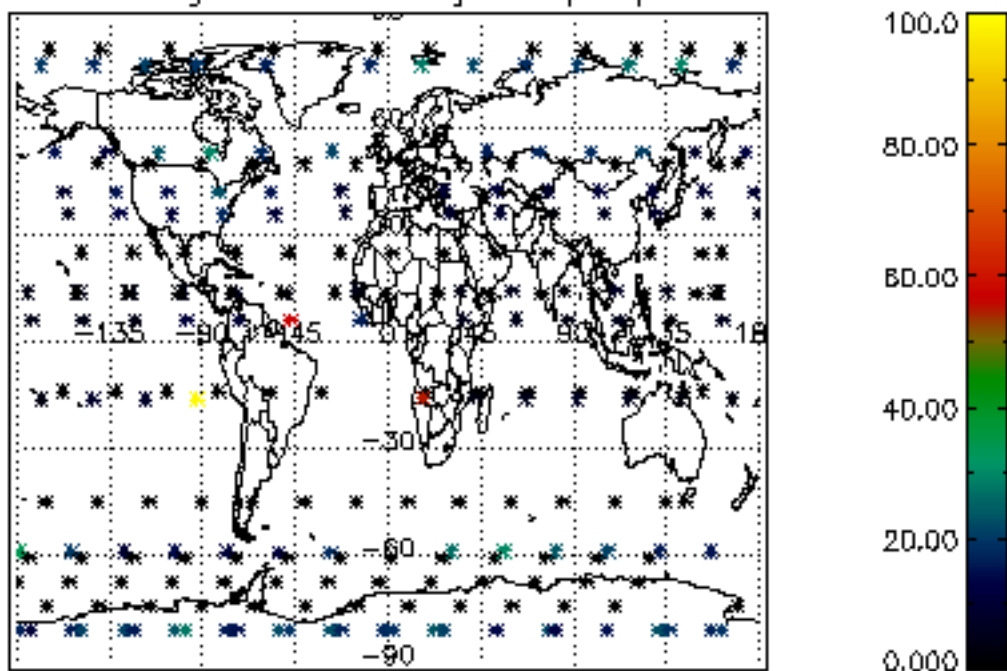




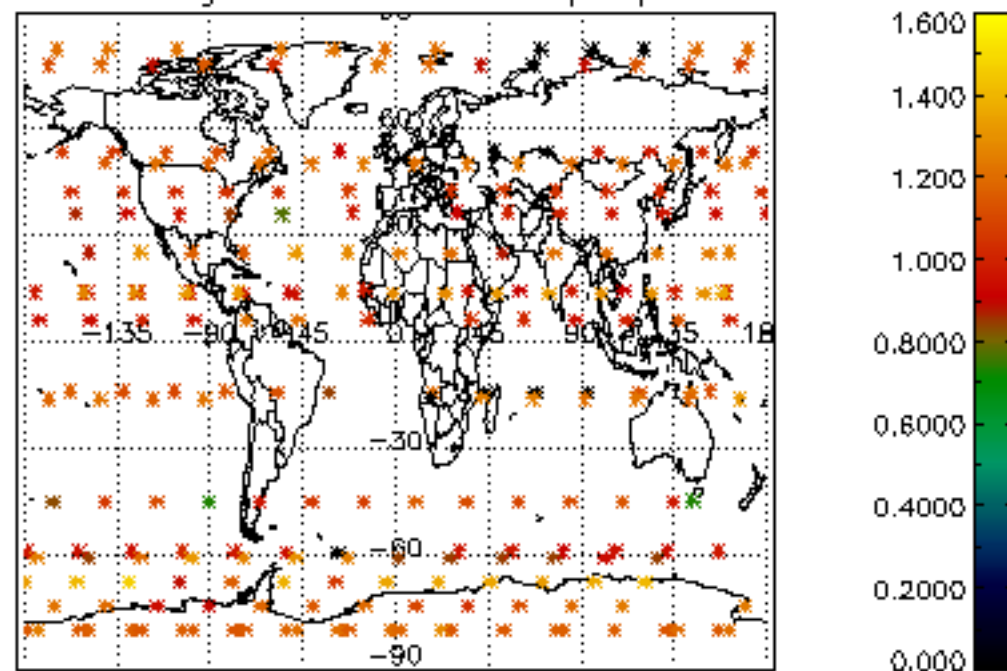




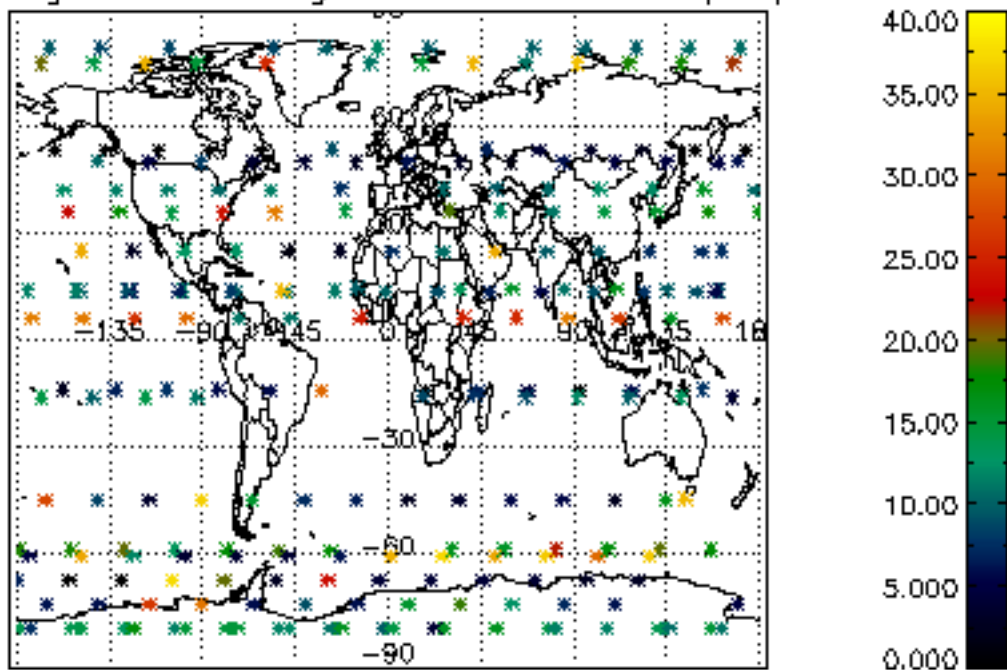
Percentage of cosmic ray hits per profile



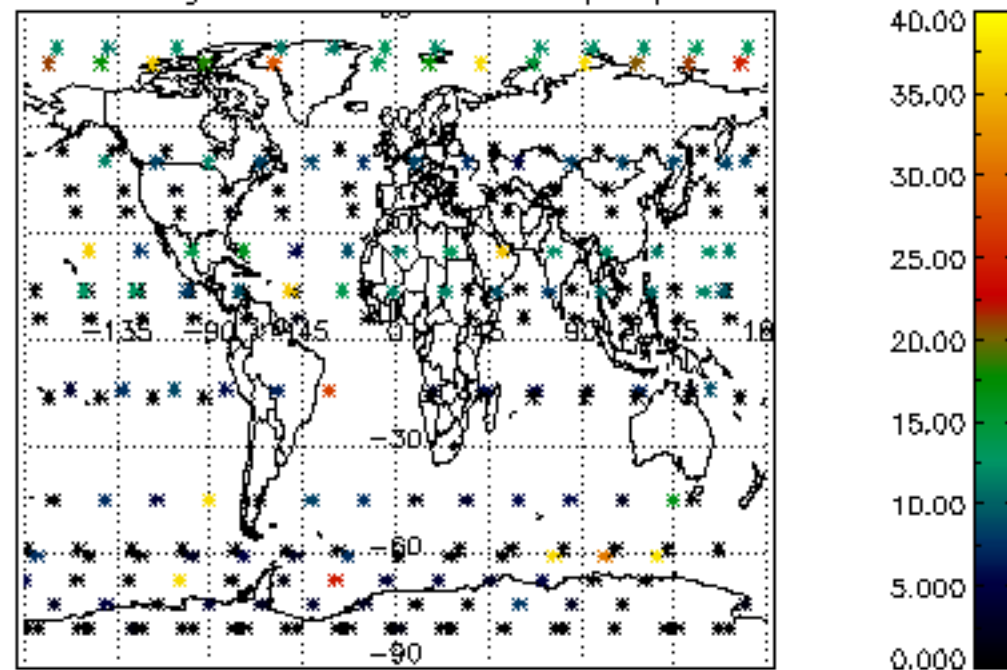
Percentage of datation errors per profile



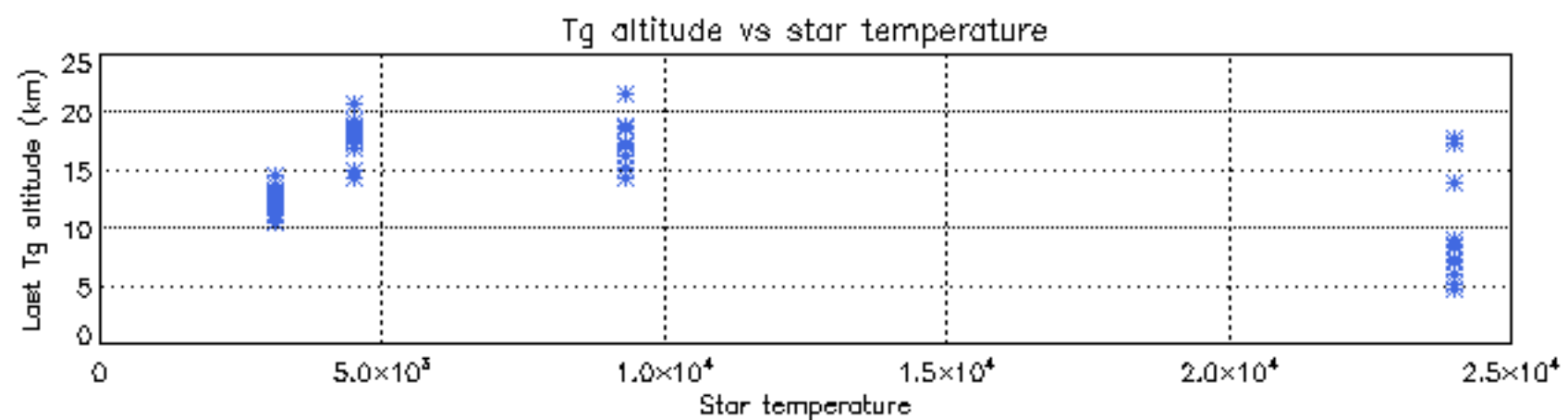
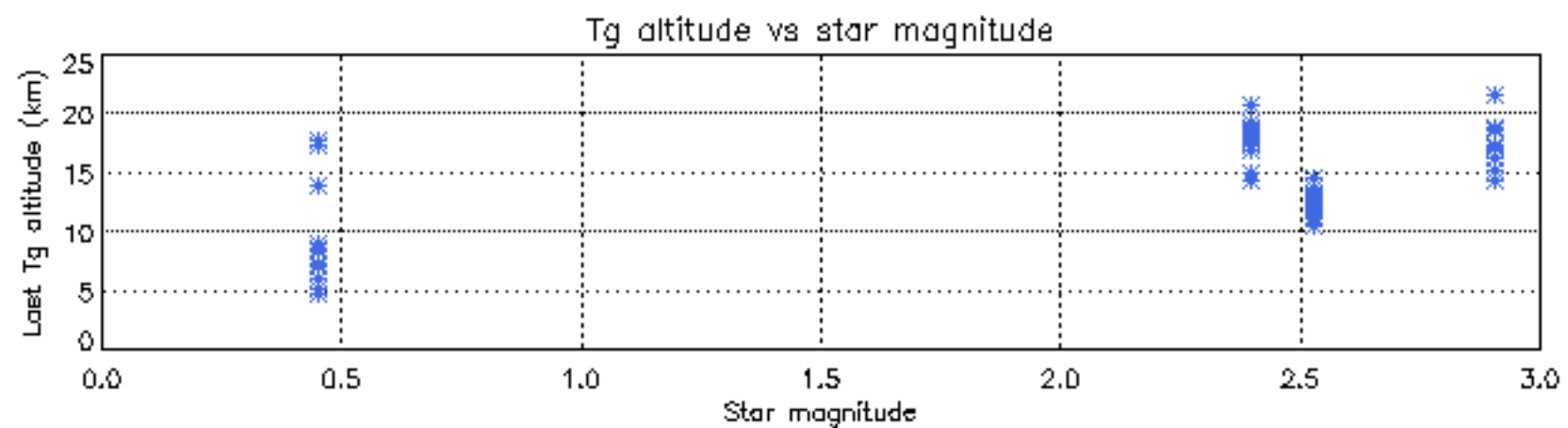
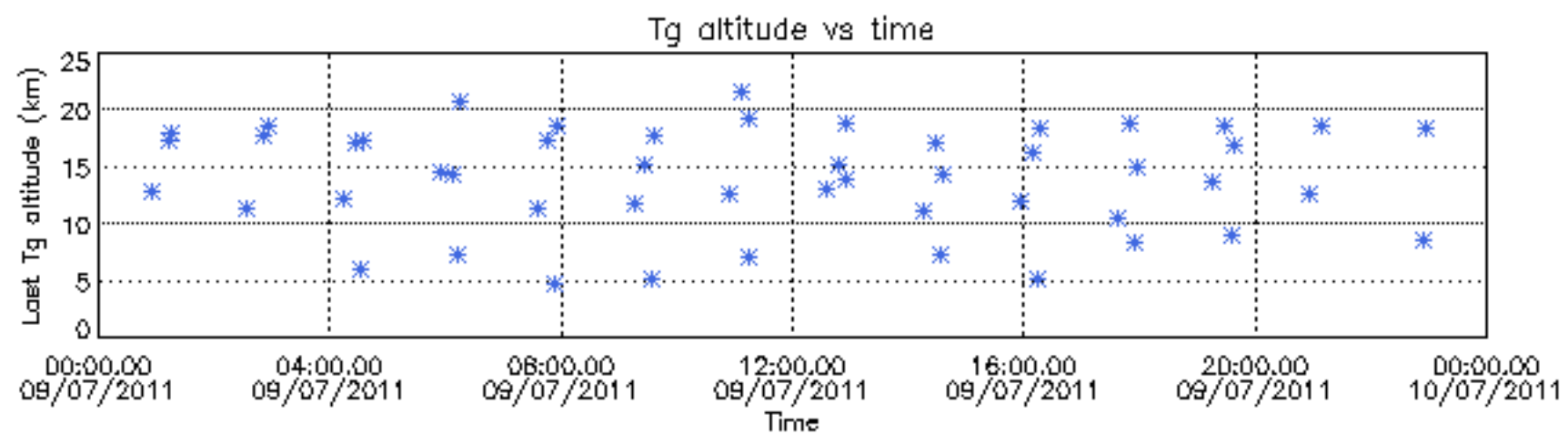
Percentage of star falling outside central band per profile



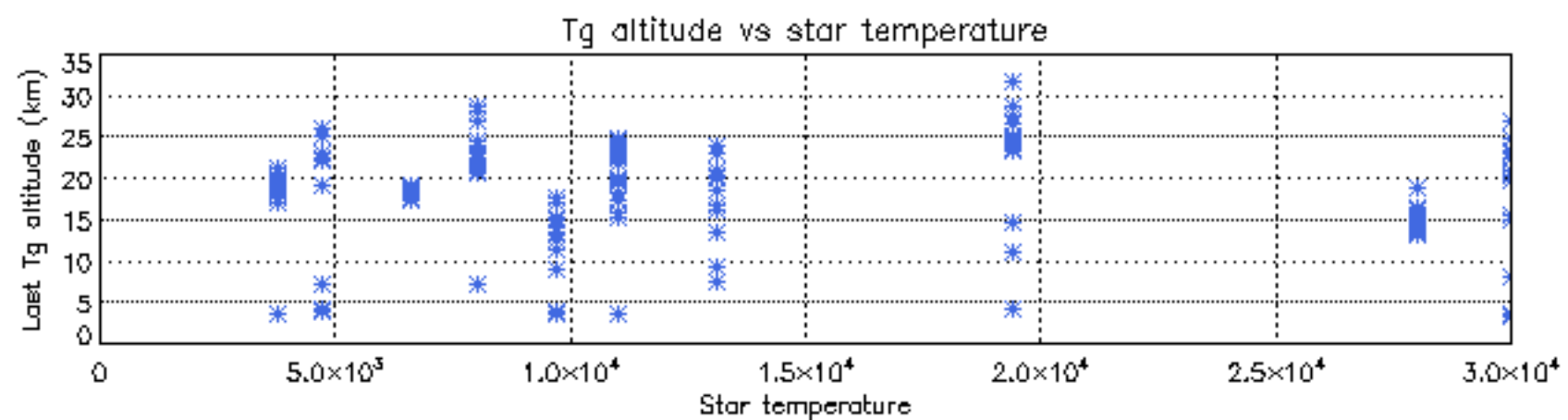
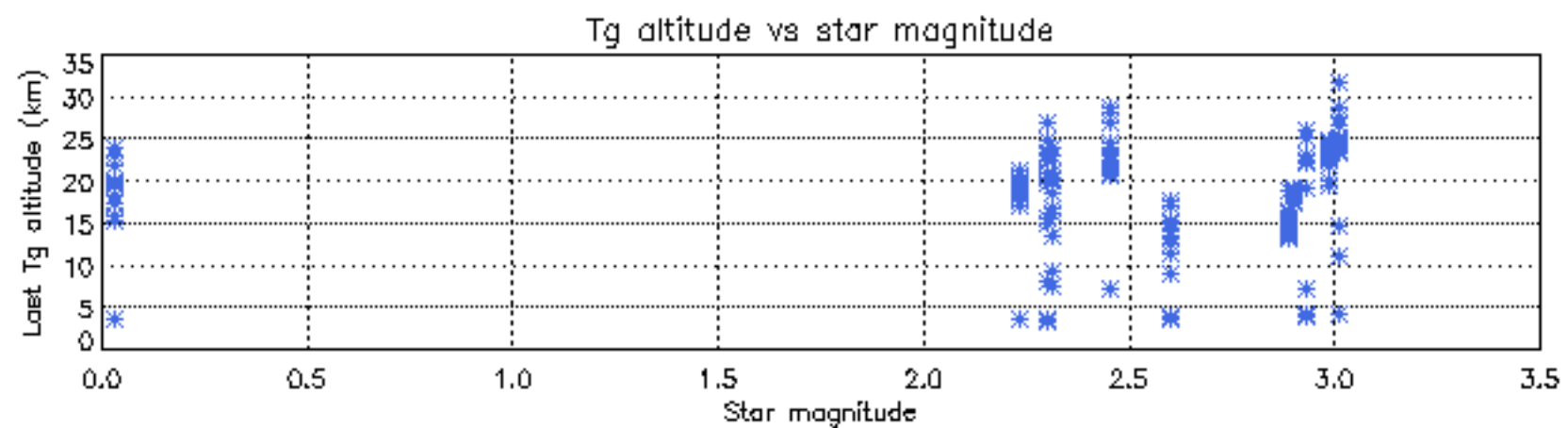
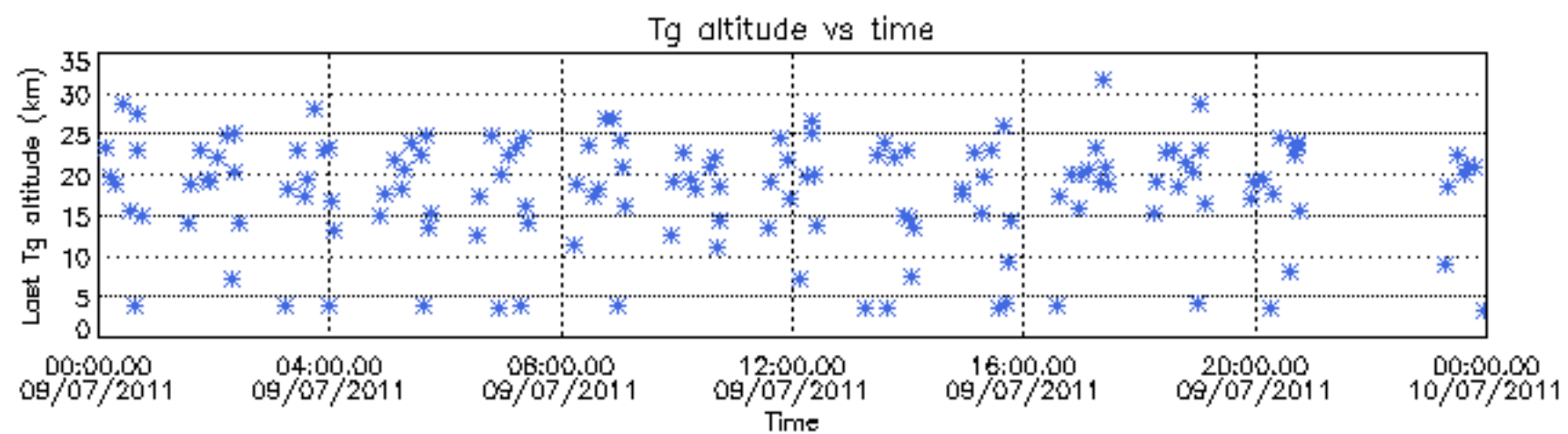
Percentage of saturation errors per profile



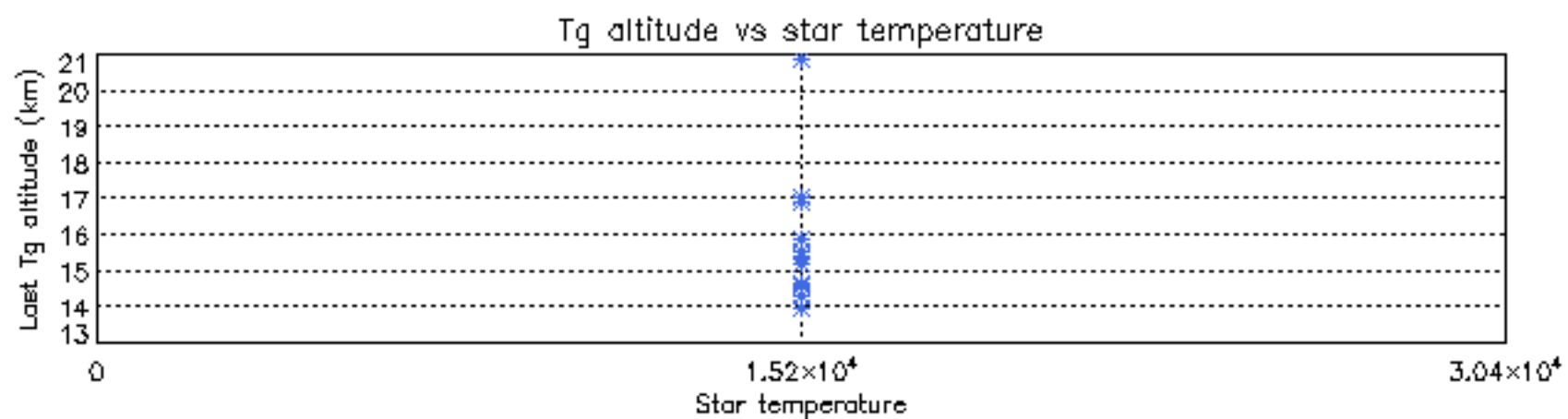
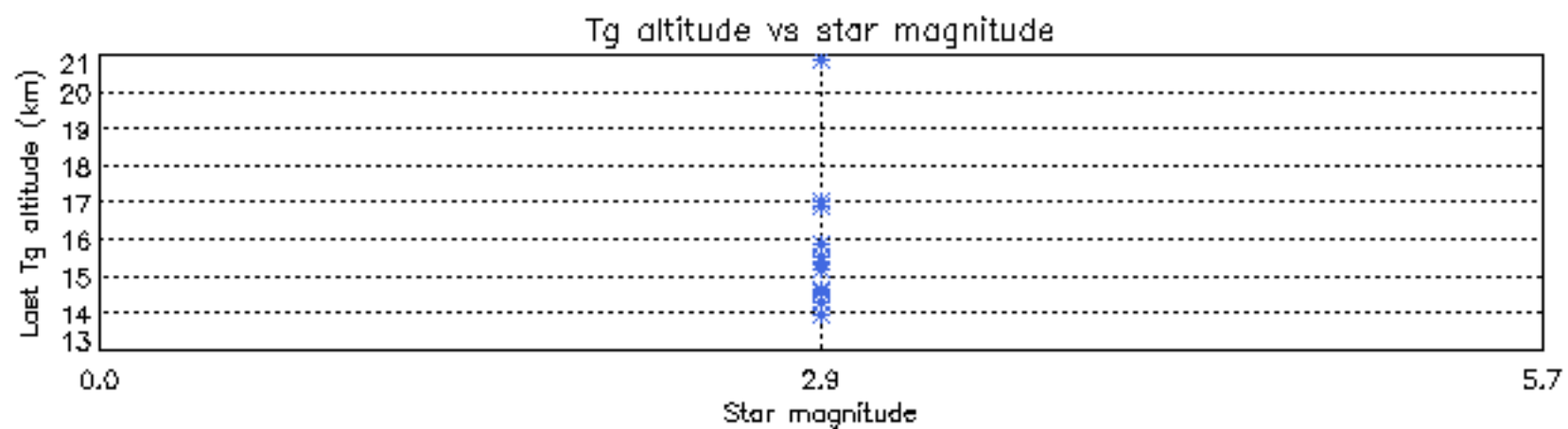
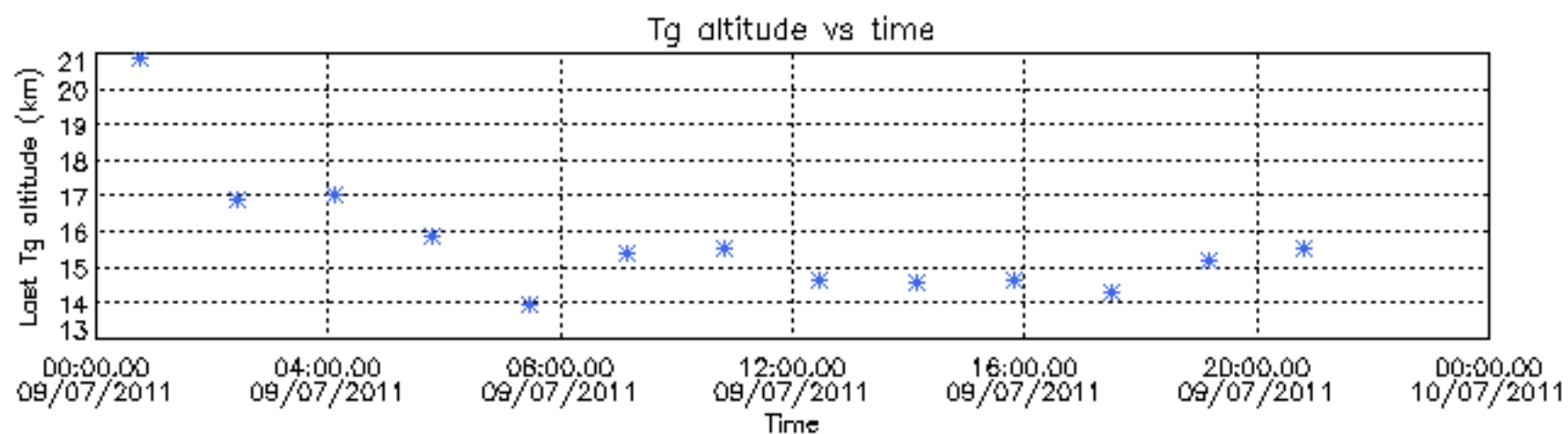
Tangent altitude at which the star is lost

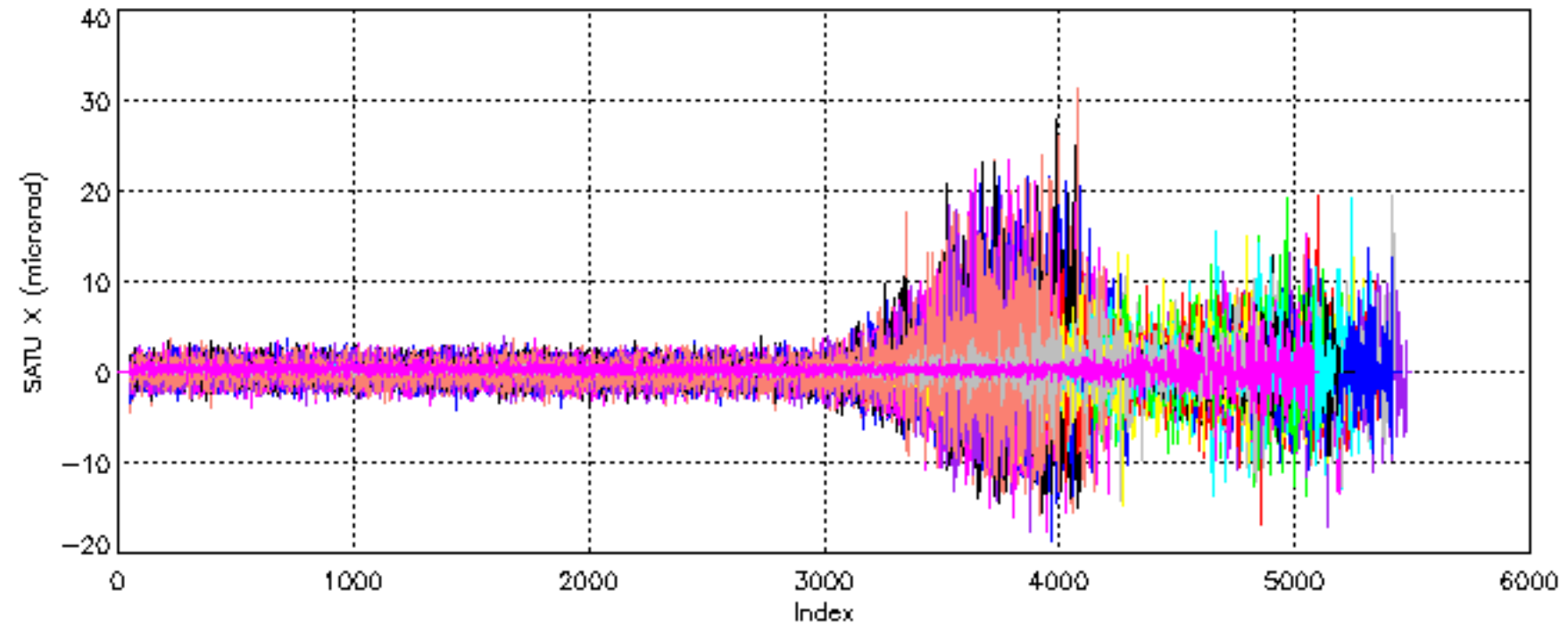


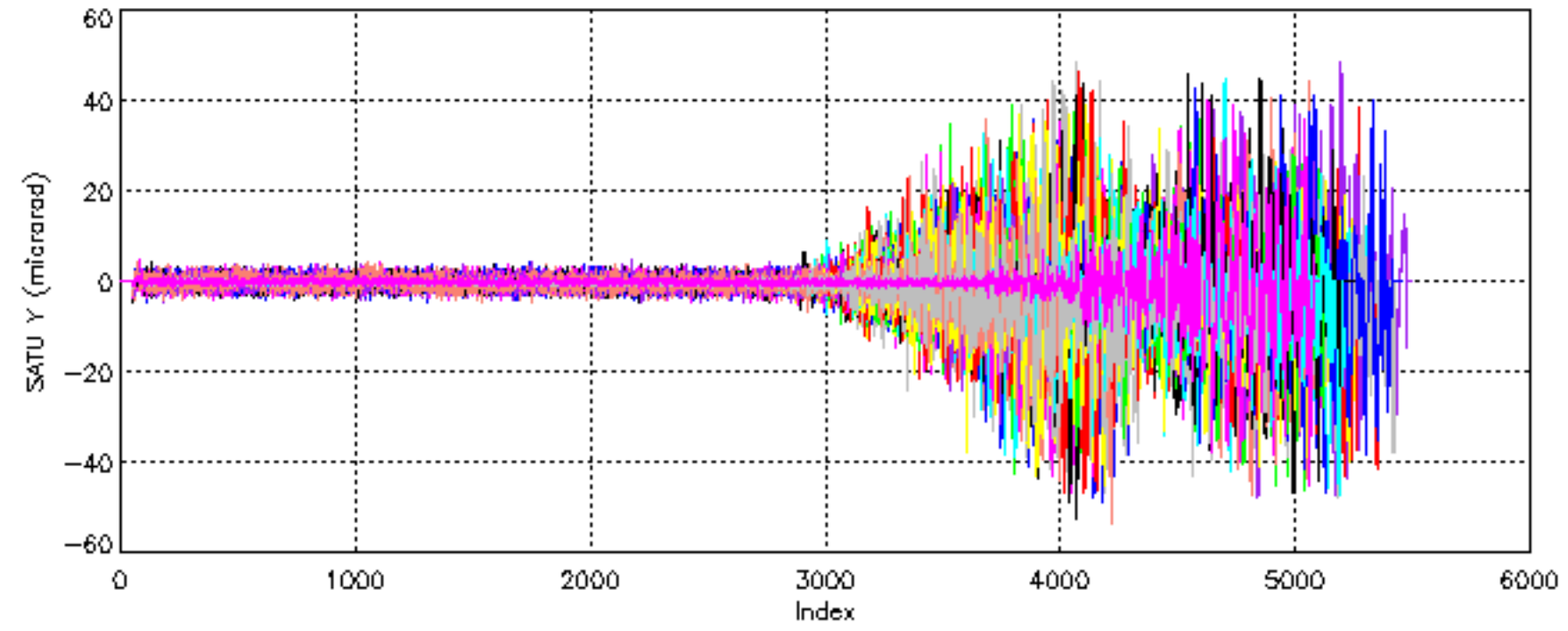
Tangent altitude at which the star is lost

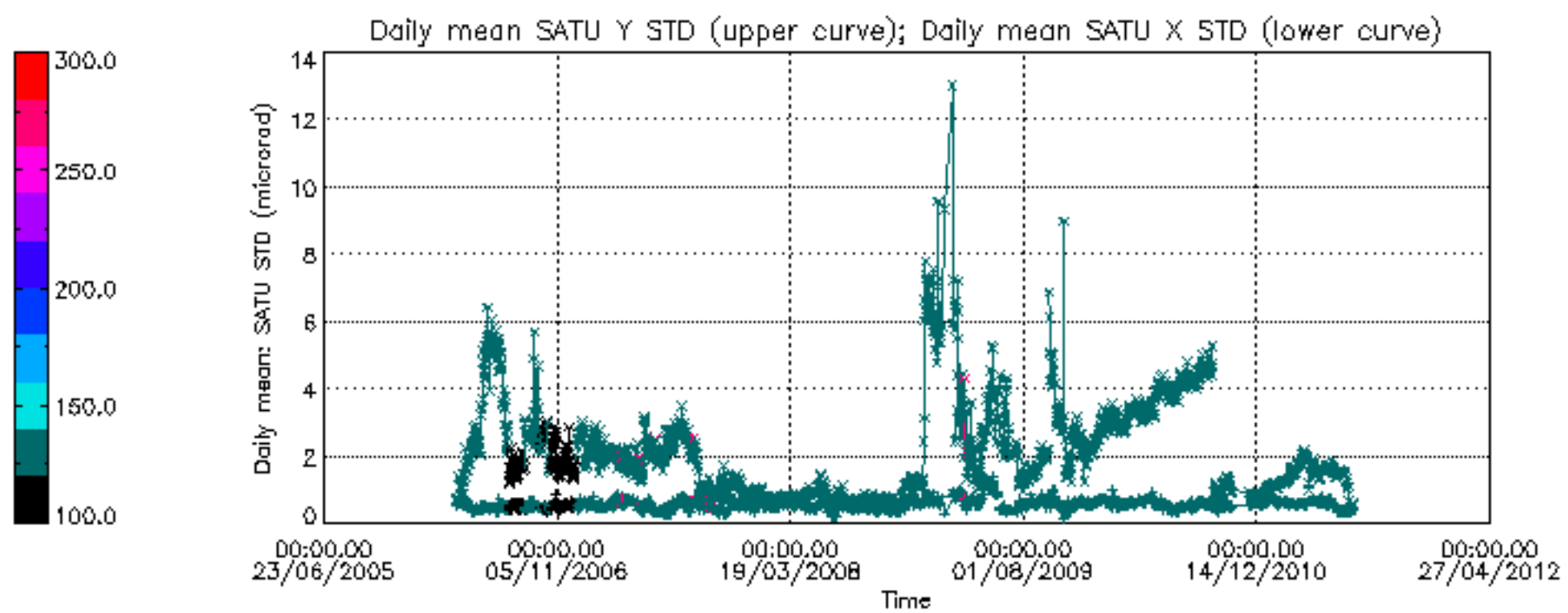


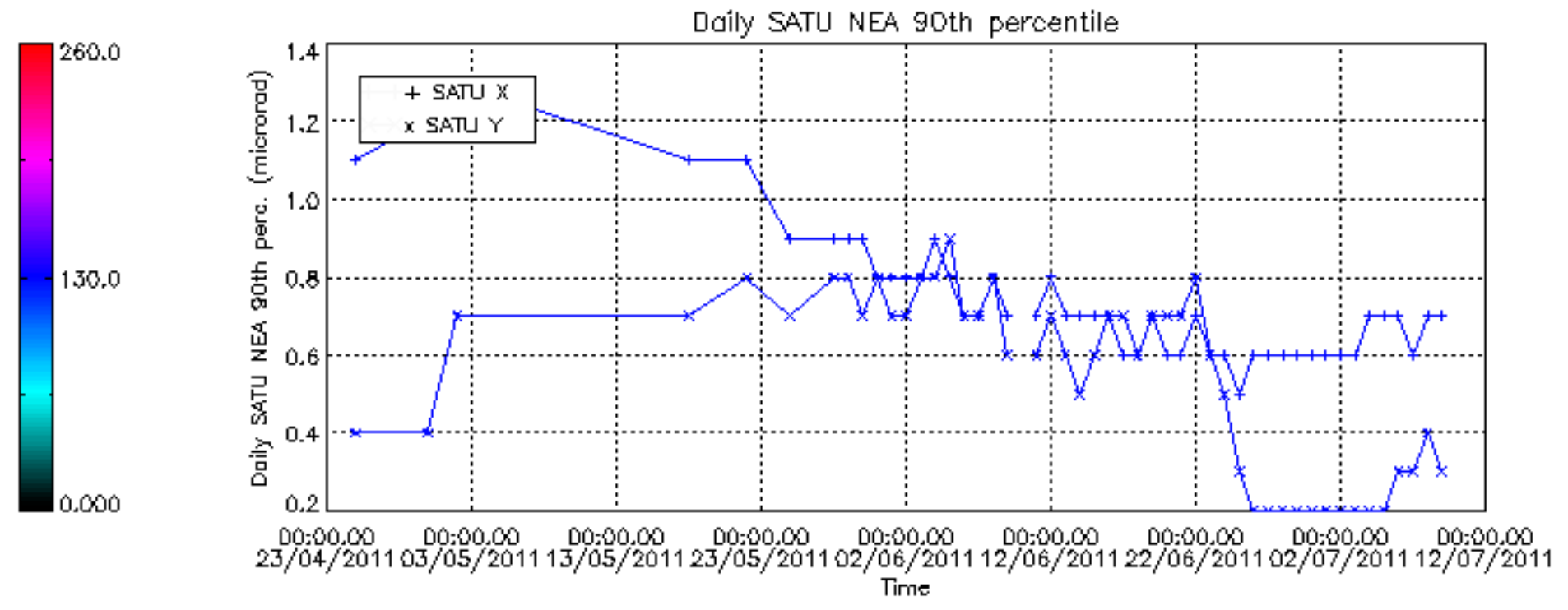
Tangent altitude at which the star is lost











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