

# GOMOS Daily Report 27-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	31JUL2011 07:06:32
Data source version	GOMOS/6.01
Start time of products	27JUL2011 00:08:36
Stop time of products	27JUL2011 23:51:12
Store outputs in DB	Yes
Nb of level 1b prods	296
Nb of prods with errors	1

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

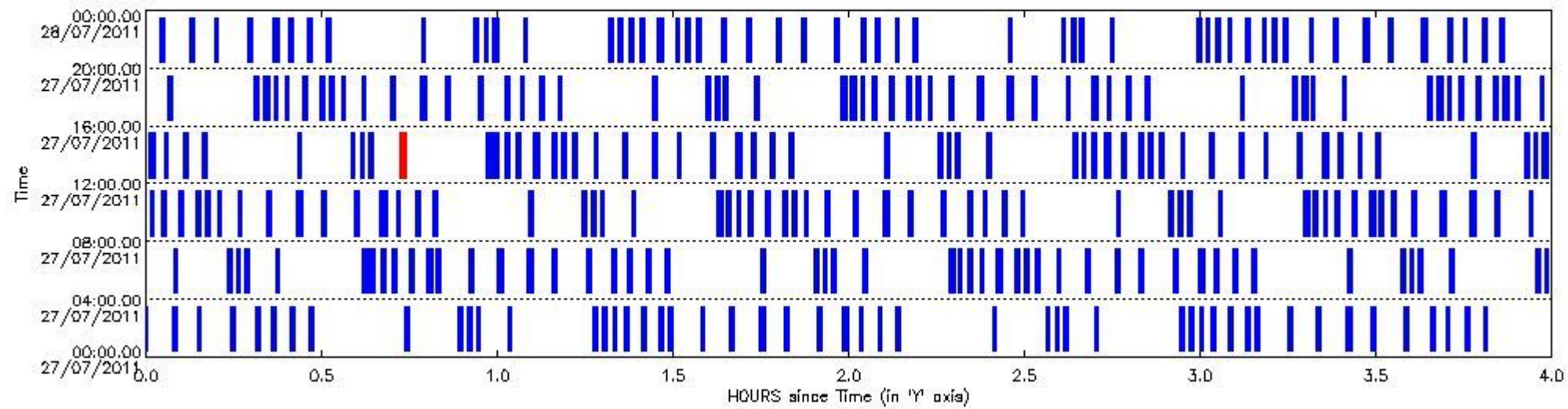
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
27-JUL-2011 12:43:21	5AlpCep	89	49190

### 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_1PNPDE20110727_000836_000000443105_00030_49182_8064.N1	27-JUL-2011 00:08:36	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49182	No
2	GOM_TRA_1PNPDE20110727_001421_000000433105_00031_49183_8065.N1	27-JUL-2011 00:14:21	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49183	No
3	GOM_TRA_1PNPDE20110727_001840_000000553105_00031_49183_8066.N1	27-JUL-2011 00:18:40	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49183	No
4	GOM_TRA_1PNPDE20110727_002125_000000413105_00031_49183_8067.N1	27-JUL-2011 00:21:25	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	49183	No
5	GOM_TRA_1PNPDE20110727_002439_000000453105_00031_49183_8068.N1	27-JUL-2011 00:24:39	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49183	No
6	GOM_TRA_1PNPDE20110727_002749_000000493105_00031_49183_8069.N1	27-JUL-2011 00:27:49	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49183	No
7	GOM_TRA_1PNPDE20110727_004413_000000393105_00031_49183_8070.N1	27-JUL-2011 00:44:13	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49183	No
8	GOM_TRA_1PNPDE20110727_005319_000000483105_00031_49183_8071.N1	27-JUL-2011 00:53:19	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	49183	No
9	GOM_TRA_1PNPDE20110727_005455_000000363105_00031_49183_8072.N1	27-JUL-2011 00:54:55	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49183	No
10	GOM_TRA_1PNPDE20110727_005621_000000413105_00031_49183_8073.N1	27-JUL-2011 00:56:21	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	49183	No

11	GOM_TRA_1PNPDE20110727_010141_000000383105_00031_49183_8074.N1	27-JUL-2011 01:01:41	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49183	No
12	GOM_TRA_1PNPDE20110727_011618_000000463105_00031_49183_8075.N1	27-JUL-2011 01:16:18	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49183	No
13	GOM_TRA_1PNPDE20110727_011752_000000483105_00031_49183_8076.N1	27-JUL-2011 01:17:52	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	49183	No
14	GOM_TRA_1PNPDE20110727_011939_000000413105_00031_49183_8077.N1	27-JUL-2011 01:19:39	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	49183	No
15	GOM_TRA_1PNPDE20110727_012135_000000433105_00031_49183_8078.N1	27-JUL-2011 01:21:35	Bright	43.000	149	45Eps Per	2.8880	30000.	86	49183	No
16	GOM_TRA_1PNPDE20110727_012430_000000503105_00031_49183_8079.N1	27-JUL-2011 01:24:30	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49183	No
17	GOM_TRA_1PNPDE20110727_012728_000000543105_00031_49183_8080.N1	27-JUL-2011 01:27:28	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	49183	No
18	GOM_TRA_1PNPDE20110727_012905_000000533105_00031_49183_8081.N1	27-JUL-2011 01:29:05	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	49183	No
19	GOM_TRA_1PNPDE20110727_013443_000000383105_00031_49183_8082.N1	27-JUL-2011 01:34:43	Dark	37.500	128	67Bet Eri	2.7840	9700.0	75	49183	No
20	GOM_TRA_1PNPDE20110727_013930_000000523105_00031_49183_8087.N1	27-JUL-2011 01:39:30	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	49183	No
21	GOM_TRA_1PNPDE20110727_014851_000000463105_00031_49183_8088.N1	27-JUL-2011 01:48:51	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49183	No
22	GOM_TRA_1PNPDE20110727_015435_000000543105_00032_49184_8089.N1	27-JUL-2011 01:54:35	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49184	No
23	GOM_TRA_1PNPDE20110727_015855_000000673105_00032_49184_8090.N1	27-JUL-2011 01:58:55	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	49184	No
24	GOM_TRA_1PNPDE20110727_020139_000000413105_00032_49184_8091.N1	27-JUL-2011 02:01:39	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	49184	No
25	GOM_TRA_1PNPDE20110727_020453_000000463105_00032_49184_8092.N1	27-JUL-2011 02:04:53	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49184	No
26	GOM_TRA_1PNPDE20110727_020803_000000483105_00032_49184_8093.N1	27-JUL-2011 02:08:03	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49184	No
27	GOM_TRA_1PNPDE20110727_022427_000000393105_00032_49184_8094.N1	27-JUL-2011 02:24:27	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49184	No
28	GOM_TRA_1PNPDE20110727_023333_000000463105_00032_49184_8095.N1	27-JUL-2011 02:33:33	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49184	No
29	GOM_TRA_1PNPDE20110727_023508_000000393105_00032_49184_8096.N1	27-JUL-2011 02:35:08	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49184	No
30	GOM_TRA_1PNPDE20110727_023635_000000433105_00032_49184_8097.N1	27-JUL-2011 02:36:35	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	49184	No
31	GOM_TRA_1PNPDE20110727_024154_000000423105_00032_49184_8098.N1	27-JUL-2011 02:41:54	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49184	No
32	GOM_TRA_1PNPDE20110727_025631_000000463105_00032_49184_8131.N1	27-JUL-2011 02:56:31	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	49184	No
33	GOM_TRA_1PNPDE20110727_025805_000000493105_00032_49184_8132.N1	27-JUL-2011 02:58:05	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	49184	No
34	GOM_TRA_1PNPDE20110727_025953_000000403105_00032_49184_8133.N1	27-JUL-2011 02:59:53	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49184	No
35	GOM_TRA_1PNPDE20110727_030149_000000433105_00032_49184_8134.N1	27-JUL-2011 03:01:49	Bright	43.000	149	45Eps Per	2.8880	30000.	86	49184	No
36	GOM_TRA_1PNPDE20110727_030444_000000523105_00032_49184_8135.N1	27-JUL-2011 03:04:44	Tw_i_and_stray	51.500	150	44Zet Per	2.8900	28000.	103	49184	No
37	GOM_TRA_1PNPDE20110727_030743_000000543105_00032_49184_8136.N1	27-JUL-2011 03:07:43	Dark	54.000	146	25Eta Tau	2.8730	15200.	108	49184	No
38	GOM_TRA_1PNPDE20110727_030919_000000523105_00032_49184_8137.N1	27-JUL-2011 03:09:19	Dark	51.500	13	87Alp Tau	0.86700	3800.0	103	49184	No
39	GOM_TRA_1PNPDE20110727_031457_000000403105_00032_49184_8138.N1	27-JUL-2011 03:14:57	Dark	39.500	128	67Bet Eri	2.7840	9700.0	79	49184	No
40	GOM_TRA_1PNPDE20110727_031945_000000533105_00032_49184_8139.N1	27-JUL-2011 03:19:45	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	49184	No
41	GOM_TRA_1PNPDE20110727_032905_000000463105_00032_49184_8140.N1	27-JUL-2011 03:29:05	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49184	No
42	GOM_TRA_1PNPDE20110727_033450_000000453105_00033_49185_8141.N1	27-JUL-2011 03:34:50	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49185	No
43	GOM_TRA_1PNPDE20110727_033911_000000573105_00033_49185_8142.N1	27-JUL-2011 03:39:11	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	49185	No
44	GOM_TRA_1PNPDE20110727_034154_000000433105_00033_49185_8143.N1	27-JUL-2011 03:41:54	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	49185	No
45	GOM_TRA_1PNPDE20110727_034508_000000513105_00033_49185_8144.N1	27-JUL-2011 03:45:08	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	49185	No
46	GOM_TRA_1PNPDE20110727_034818_000000463105_00033_49185_8145.N1	27-JUL-2011 03:48:18	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49185	No
47	GOM_TRA_1PNPDE20110727_040441_000000413105_00033_49185_8146.N1	27-JUL-2011 04:04:41	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49185	No
48	GOM_TRA_1PNPDE20110727_041346_000000473105_00033_49185_8147.N1	27-JUL-2011 04:13:46	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	49185	No
49	GOM_TRA_1PNPDE20110727_041522_000000393105_00033_49185_8148.N1	27-JUL-2011 04:15:22	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49185	No
50	GOM_TRA_1PNPDE20110727_041648_000000453105_00033_49185_8149.N1	27-JUL-2011 04:16:48	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	49185	No
51	GOM_TRA_1PNPDE20110727_042208_000000393105_00033_49185_8150.N1	27-JUL-2011 04:22:08	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49185	No
52	GOM_TRA_1PNPDE20110727_043645_000000673105_00033_49185_8169.N1	27-JUL-2011 04:36:45	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	49185	No
53	GOM_TRA_1PNPDE20110727_043819_000000443105_00033_49185_8170.N1	27-JUL-2011 04:38:19	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	49185	No
54	GOM_TRA_1PNPDE20110727_044007_000000423105_00033_49185_8171.N1	27-JUL-2011 04:40:07	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49185	No
55	GOM_TRA_1PNPDE20110727_044203_000000423105_00033_49185_8172.N1	27-JUL-2011 04:42:03	Bright	42.000	149	45Eps Per	2.8880	30000.	84	49185	No
56	GOM_TRA_1PNPDE20110727_044458_000000503105_00033_49185_8173.N1	27-JUL-2011 04:44:58	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	49185	No
57	GOM_TRA_1PNPDE20110727_044757_000000513105_00033_49185_8174.N1	27-JUL-2011 04:47:57	Dark	51.000	146	25Eta Tau	2.8730	15200.	102	49185	No
58	GOM_TRA_1PNPDE20110727_044934_000000443105_00033_49185_8175.N1	27-JUL-2011 04:49:34	Dark	44.000	13	87Alp Tau	0.86700	3800.0	88	49185	No
59	GOM_TRA_1PNPDE20110727_045511_000000423105_00033_49185_8176.N1	27-JUL-2011 04:55:11	Dark	41.500	128	67Bet Eri	2.7840	9700.0	83	49185	No
60	GOM_TRA_1PNPDE20110727_050000_000000523105_00033_49185_8177.N1	27-JUL-2011 05:00:00	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	49185	No
61	GOM_TRA_1PNPDE20110727_050920_000000443105_00033_49185_8178.N1	27-JUL-2011 05:09:20	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49185	No
62	GOM_TRA_1PNPDE20110727_051505_000000513105_00034_49186_8179.N1	27-JUL-2011 05:15:05	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49186	No
63	GOM_TRA_1PNPDE20110727_051926_000000533105_00034_49186_8180.N1	27-JUL-2011 05:19:26	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49186	No
64	GOM_TRA_1PNPDE20110727_052208_000000433105_00034_49186_8181.N1	27-JUL-2011 05:22:08	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	49186	No
65	GOM_TRA_1PNPDE20110727_052523_000000443105_00034_49186_8182.N1	27-JUL-2011 05:25:23	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49186	No
66	GOM_TRA_1PNPDE20110727_052833_000000463105_00034_49186_8183.N1	27-JUL-2011 05:28:33	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49186	No
67	GOM_TRA_1PNPDE20110727_054455_000000413105_00034_49186_8184.N1	27-JUL-2011 05:44:55	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49186	No
68	GOM_TRA_1PNPDE20110727_055400_000000463105_00034_49186_8185.N1	27-JUL-2011 05:54:00	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49186	No
69	GOM_TRA_1PNPDE20110727_055536_000000393105_00034_49186_8186.N1	27-JUL-2011 05:55:36	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49186	No



70	GOM_TRA_1PNPDE20110727_055702_000000453105_00034_49186_8187.N1	27-JUL-2011 05:57:02	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	49186	No
71	GOM_TRA_1PNPDE20110727_060222_000000413105_00034_49186_8188.N1	27-JUL-2011 06:02:22	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49186	No
72	GOM_TRA_1PNPDK20110727_061659_000000673105_00034_49186_1278.N1	27-JUL-2011 06:16:59	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	49186	No
73	GOM_TRA_1PNPDK20110727_061833_000000463105_00034_49186_1279.N1	27-JUL-2011 06:18:33	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49186	No
74	GOM_TRA_1PNPDK20110727_062021_000000403105_00034_49186_1280.N1	27-JUL-2011 06:20:21	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	49186	No
75	GOM_TRA_1PNPDK20110727_062217_000000453105_00034_49186_1281.N1	27-JUL-2011 06:22:17	Bright	45.000	149	45Eps Per	2.8880	30000.	90	49186	No
76	GOM_TRA_1PNPDK20110727_062512_000000523105_00034_49186_1282.N1	27-JUL-2011 06:25:12	Twilight	51.500	150	44Zet Per	2.8900	28000.	103	49186	No
77	GOM_TRA_1PNPDK20110727_062811_000000533105_00034_49186_1283.N1	27-JUL-2011 06:28:11	Dark	52.500	146	25Eta Tau	2.8730	15200.	105	49186	No
78	GOM_TRA_1PNPDK20110727_062948_000000483105_00034_49186_1284.N1	27-JUL-2011 06:29:48	Dark	47.500	13	87Alp Tau	0.86700	3800.0	95	49186	No
79	GOM_TRA_1PNPDK20110727_063151_000000413105_00034_49186_1285.N1	27-JUL-2011 06:31:51	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	49186	No
80	GOM_TRA_1PNPDK20110727_063526_000000403105_00034_49186_1286.N1	27-JUL-2011 06:35:26	Dark	39.500	128	67Bet Eri	2.7840	9700.0	79	49186	No
81	GOM_TRA_1PNPDK20110727_064015_000000553105_00034_49186_1287.N1	27-JUL-2011 06:40:15	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	49186	No
82	GOM_TRA_1PNPDK20110727_064935_000000453105_00034_49186_1288.N1	27-JUL-2011 06:49:35	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49186	No
83	GOM_TRA_1PNPDK20110727_065519_000000433105_00035_49187_1289.N1	27-JUL-2011 06:55:19	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49187	No
84	GOM_TRA_1PNPDK20110727_065941_000000563105_00035_49187_1290.N1	27-JUL-2011 06:59:41	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49187	No
85	GOM_TRA_1PNPDK20110727_070223_000000413105_00035_49187_1291.N1	27-JUL-2011 07:02:23	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49187	No
86	GOM_TRA_1PNPDK20110727_070537_000000443105_00035_49187_1292.N1	27-JUL-2011 07:05:37	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49187	No
87	GOM_TRA_1PNPDK20110727_070847_000000473105_00035_49187_1293.N1	27-JUL-2011 07:08:47	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49187	No
88	GOM_TRA_1PNPDK20110727_072509_000000403105_00035_49187_1330.N1	27-JUL-2011 07:25:09	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49187	No
89	GOM_TRA_1PNPDK20110727_073413_000000473105_00035_49187_1331.N1	27-JUL-2011 07:34:13	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	49187	No
90	GOM_TRA_1PNPDK20110727_073550_000000393105_00035_49187_1332.N1	27-JUL-2011 07:35:50	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49187	No
91	GOM_TRA_1PNPDK20110727_073715_000000453105_00035_49187_1333.N1	27-JUL-2011 07:37:15	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	49187	No
92	GOM_TRA_1PNPDK20110727_074235_000000403105_00035_49187_1334.N1	27-JUL-2011 07:42:35	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49187	No
93	GOM_TRA_1PNPDK20110727_075713_000000473105_00035_49187_1335.N1	27-JUL-2011 07:57:13	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	49187	No
94	GOM_TRA_1PNPDK20110727_075847_000000433105_00035_49187_1336.N1	27-JUL-2011 07:58:47	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	49187	No
95	GOM_TRA_1PNPDK20110727_080035_000000413105_00035_49187_1337.N1	27-JUL-2011 08:00:35	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	49187	No
96	GOM_TRA_1PNPDK20110727_080231_000000463105_00035_49187_1338.N1	27-JUL-2011 08:02:31	Bright	46.000	149	45Eps Per	2.8880	30000.	92	49187	No
97	GOM_TRA_1PNPDK20110727_080527_000000533105_00035_49187_1339.N1	27-JUL-2011 08:05:27	Twilight	52.500	150	44Zet Per	2.8900	28000.	105	49187	No
98	GOM_TRA_1PNPDK20110727_080826_000000543105_00035_49187_1340.N1	27-JUL-2011 08:08:26	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	49187	No
99	GOM_TRA_1PNPDK20110727_081002_000000533105_00035_49187_1341.N1	27-JUL-2011 08:10:02	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	49187	No
100	GOM_TRA_1PNPDK20110727_081206_000000423105_00035_49187_1342.N1	27-JUL-2011 08:12:06	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	49187	No
101	GOM_TRA_1PNPDK20110727_081540_000000423105_00035_49187_1343.N1	27-JUL-2011 08:15:40	Dark	41.500	128	67Bet Eri	2.7840	9700.0	83	49187	No
102	GOM_TRA_1PNPDK20110727_082029_000000543105_00035_49187_1676.N1	27-JUL-2011 08:20:29	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	49187	No
103	GOM_TRA_1PNPDK20110727_082950_000000453105_00035_49187_1677.N1	27-JUL-2011 08:29:50	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49187	No
104	GOM_TRA_1PNPDK20110727_083534_000000433105_00036_49188_1678.N1	27-JUL-2011 08:35:34	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49188	No
105	GOM_TRA_1PNPDK20110727_083956_000000683105_00036_49188_1679.N1	27-JUL-2011 08:39:56	Straylight	67.500	84	Alp Phe	2.3970	4500.0	135	49188	No
106	GOM_TRA_1PNPDK20110727_084237_000000413105_00036_49188_1680.N1	27-JUL-2011 08:42:37	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	49188	No
107	GOM_TRA_1PNPDK20110727_084552_000000473105_00036_49188_1681.N1	27-JUL-2011 08:45:52	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49188	No
108	GOM_TRA_1PNPDK20110727_084902_000000463105_00036_49188_1682.N1	27-JUL-2011 08:49:02	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49188	No
109	GOM_TRA_1PNPDK20110727_090522_000000423105_00036_49188_1399.N1	27-JUL-2011 09:05:22	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49188	No
110	GOM_TRA_1PNPDK20110727_091426_000000483105_00036_49188_1400.N1	27-JUL-2011 09:14:26	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	49188	No
111	GOM_TRA_1PNPDK20110727_091603_000000373105_00036_49188_1401.N1	27-JUL-2011 09:16:03	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	49188	No
112	GOM_TRA_1PNPDK20110727_091729_000000453105_00036_49188_1402.N1	27-JUL-2011 09:17:29	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	49188	No
113	GOM_TRA_1PNPDK20110727_092249_000000423105_00036_49188_1403.N1	27-JUL-2011 09:22:49	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49188	No
114	GOM_TRA_1PNPDK20110727_093726_000000653105_00036_49188_1404.N1	27-JUL-2011 09:37:26	Bright	64.500	160	23Gam Per	2.9300	4700.0	129	49188	No
115	GOM_TRA_1PNPDK20110727_093901_000000463105_00036_49188_1405.N1	27-JUL-2011 09:39:01	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49188	No
116	GOM_TRA_1PNPDK20110727_094049_000000413105_00036_49188_1406.N1	27-JUL-2011 09:40:49	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	49188	No
117	GOM_TRA_1PNPDK20110727_094245_000000453105_00036_49188_1407.N1	27-JUL-2011 09:42:45	Bright	44.500	149	45Eps Per	2.8880	30000.	89	49188	No
118	GOM_TRA_1PNPDK20110727_094541_000000503105_00036_49188_1408.N1	27-JUL-2011 09:45:41	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	49188	No
119	GOM_TRA_1PNPDK20110727_094840_000000533105_00036_49188_1409.N1	27-JUL-2011 09:48:40	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	49188	No
120	GOM_TRA_1PNPDK20110727_095017_000000493105_00036_49188_1410.N1	27-JUL-2011 09:50:17	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	49188	No
121	GOM_TRA_1PNPDK20110727_095220_000000383105_00036_49188_1411.N1	27-JUL-2011 09:52:20	Dark	37.500	27	24Gam Ori	1.6360	26000.	75	49188	No
122	GOM_TRA_1PNPDK20110727_095555_000000423105_00036_49188_1412.N1	27-JUL-2011 09:55:55	Dark	42.000	128	67Bet Eri	2.7840	9700.0	84	49188	No
123	GOM_TRA_1PNPDK20110727_100044_000000543105_00036_49188_1413.N1	27-JUL-2011 10:00:44	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	49188	No
124	GOM_TRA_1PNPDK20110727_101005_000000453105_00036_49188_1414.N1	27-JUL-2011 10:10:05	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49188	No
125	GOM_TRA_1PNPDK20110727_101549_000000503105_00037_49189_1415.N1	27-JUL-2011 10:15:49	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49189	No
126	GOM_TRA_1PNPDK20110727_102011_000000553105_00037_49189_1416.N1	27-JUL-2011 10:20:11	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49189	No
127	GOM_TRA_1PNPDK20110727_102251_000000433105_00037_49189_1417.N1	27-JUL-2011 10:22:51	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	49189	No
128	GOM_TRA_1PNPDK20110727_102606_000000483105_00037_49189_1418.N1	27-JUL-2011 10:26:06	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49189	No

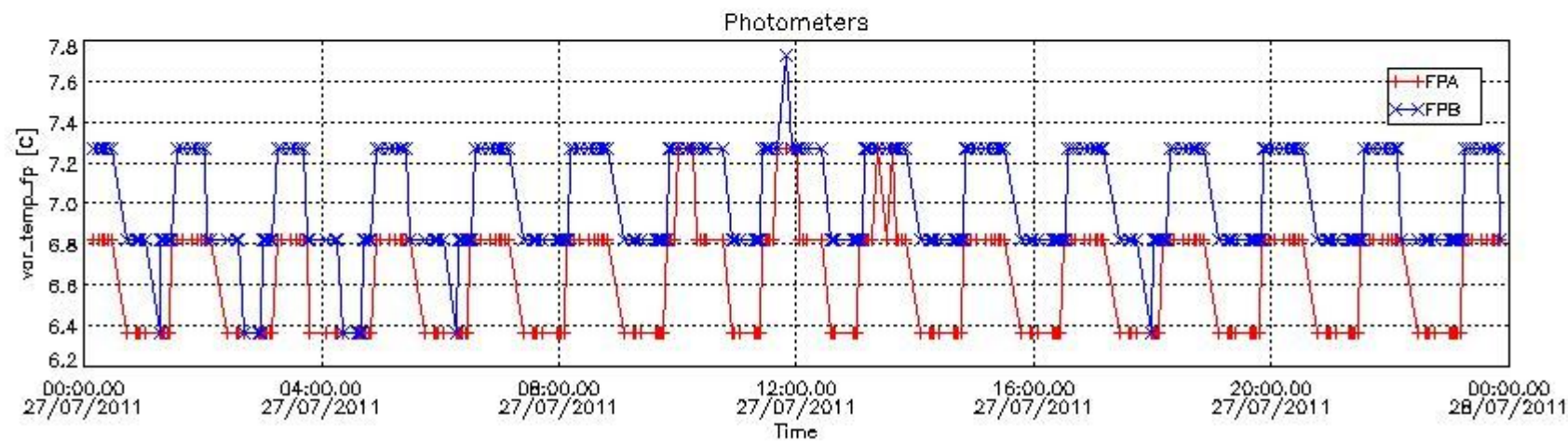
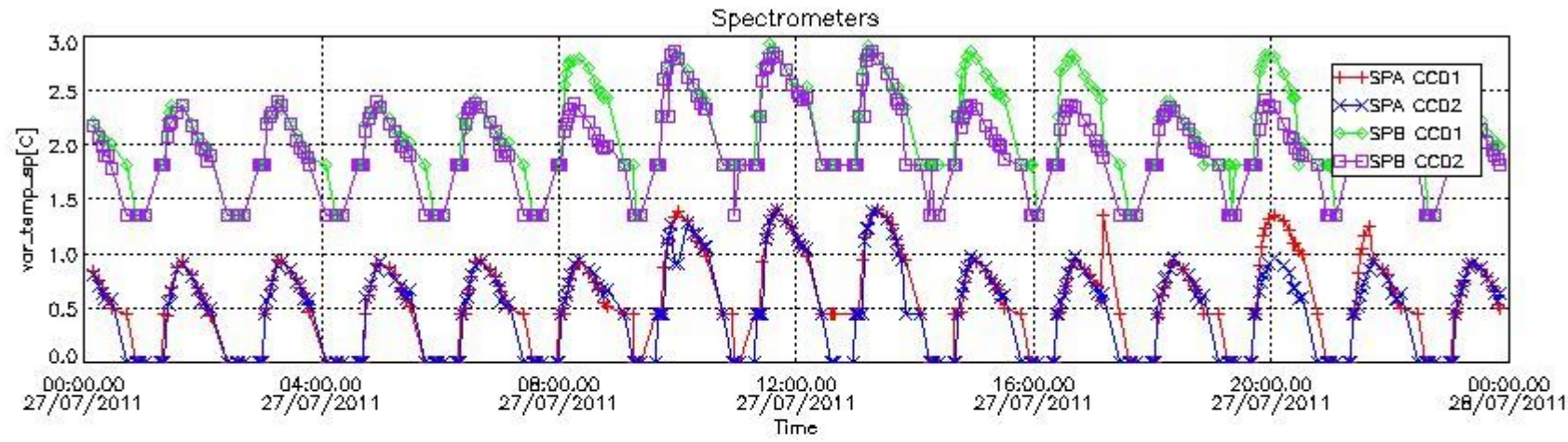
129	GOM_TRA_1PNPDK20110727_102916_000000463105_00037_49189_1419.N1	27-JUL-2011 10:29:16	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49189	No
130	GOM_TRA_1PNPDK20110727_104536_000000403105_00037_49189_1427.N1	27-JUL-2011 10:45:36	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49189	No
131	GOM_TRA_1PNPDK20110727_105440_000000483105_00037_49189_1428.N1	27-JUL-2011 10:54:40	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	49189	No
132	GOM_TRA_1PNPDK20110727_105617_000000393105_00037_49189_1429.N1	27-JUL-2011 10:56:17	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49189	No
133	GOM_TRA_1PNPDK20110727_105742_000000453105_00037_49189_1430.N1	27-JUL-2011 10:57:42	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	49189	No
134	GOM_TRA_1PNPDK20110727_110302_000000423105_00037_49189_1431.N1	27-JUL-2011 11:03:02	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49189	No
135	GOM_TRA_1PNPDK20110727_111740_000000673105_00037_49189_1432.N1	27-JUL-2011 11:17:40	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	49189	No
136	GOM_TRA_1PNPDK20110727_111914_000000473105_00037_49189_1433.N1	27-JUL-2011 11:19:14	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49189	No
137	GOM_TRA_1PNPDK20110727_112103_000000403105_00037_49189_1434.N1	27-JUL-2011 11:21:03	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	49189	No
138	GOM_TRA_1PNPDK20110727_112259_000000443105_00037_49189_1435.N1	27-JUL-2011 11:22:59	Bright	44.000	149	45Eps Per	2.8880	30000.	88	49189	No
139	GOM_TRA_1PNPDK20110727_112555_000000503105_00037_49189_1436.N1	27-JUL-2011 11:25:55	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	49189	No
140	GOM_TRA_1PNPDK20110727_112854_000000533105_00037_49189_1437.N1	27-JUL-2011 11:28:54	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	49189	No
141	GOM_TRA_1PNPDK20110727_113031_000000523105_00037_49189_1438.N1	27-JUL-2011 11:30:31	Dark	51.500	13	87Alp Tau	0.86700	3800.0	103	49189	No
142	GOM_TRA_1PNPDK20110727_113234_000000443105_00037_49189_1439.N1	27-JUL-2011 11:32:34	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49189	No
143	GOM_TRA_1PNPDK20110727_113609_000000423105_00037_49189_1440.N1	27-JUL-2011 11:36:09	Dark	42.000	128	67Bet Eri	2.7840	9700.0	84	49189	No
144	GOM_TRA_1PNPDK20110727_114059_000000533105_00037_49189_1441.N1	27-JUL-2011 11:40:59	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	49189	No
145	GOM_TRA_1PNPDK20110727_115020_000000463105_00037_49189_1442.N1	27-JUL-2011 11:50:20	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49189	No
146	GOM_TRA_1PNPDK20110727_115603_000000443105_00038_49190_1443.N1	27-JUL-2011 11:56:03	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49190	No
147	GOM_TRA_1PNPDK20110727_120026_000000573105_00038_49190_1444.N1	27-JUL-2011 12:00:26	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	49190	No
148	GOM_TRA_1PNPDK20110727_120306_000000403105_00038_49190_1445.N1	27-JUL-2011 12:03:06	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	49190	No
149	GOM_TRA_1PNPDK20110727_120621_000000463105_00038_49190_1446.N1	27-JUL-2011 12:06:21	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	49190	No
150	GOM_TRA_1PNPDK20110727_120931_000000463105_00038_49190_1447.N1	27-JUL-2011 12:09:31	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49190	No
151	GOM_TRA_1PNPDK20110727_122550_000000393105_00038_49190_1455.N1	27-JUL-2011 12:25:50	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49190	No
152	GOM_TRA_1PNPDK20110727_123453_000000433105_00038_49190_1456.N1	27-JUL-2011 12:34:53	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49190	No
153	GOM_TRA_1PNPDK20110727_123631_000000393105_00038_49190_1457.N1	27-JUL-2011 12:36:31	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49190	No
154	GOM_TRA_1PNPDK20110727_123756_000000453105_00038_49190_1458.N1	27-JUL-2011 12:37:56	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	49190	No
155	GOM_TRA_1PNPDK20110727_125753_000000653105_00038_49190_1459.N1	27-JUL-2011 12:57:53	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49190	No
156	GOM_TRA_1PNPDK20110727_125928_000000483105_00038_49190_1460.N1	27-JUL-2011 12:59:28	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	49190	No
157	GOM_TRA_1PNPDK20110727_130117_000000433105_00038_49190_1461.N1	27-JUL-2011 13:01:17	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49190	No
158	GOM_TRA_1PNPDK20110727_130313_000000433105_00038_49190_1462.N1	27-JUL-2011 13:03:13	Bright	42.500	149	45Eps Per	2.8880	30000.	85	49190	No
159	GOM_TRA_1PNPDK20110727_130609_000000533105_00038_49190_1463.N1	27-JUL-2011 13:06:09	Tw_i_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	49190	No
160	GOM_TRA_1PNPDK20110727_130908_000000533105_00038_49190_1464.N1	27-JUL-2011 13:09:08	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	49190	No
161	GOM_TRA_1PNPDK20110727_131045_000000513105_00038_49190_1465.N1	27-JUL-2011 13:10:45	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49190	No
162	GOM_TRA_1PNPDK20110727_131248_000000443105_00038_49190_1466.N1	27-JUL-2011 13:12:48	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49190	No
163	GOM_TRA_1PNPDK20110727_131623_000000423105_00038_49190_1467.N1	27-JUL-2011 13:16:23	Dark	42.000	128	67Bet Eri	2.7840	9700.0	84	49190	No
164	GOM_TRA_1PNPDK20110727_132114_000000513105_00038_49190_1468.N1	27-JUL-2011 13:21:14	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49190	No
165	GOM_TRA_1PNPDK20110727_133035_000000453105_00038_49190_1469.N1	27-JUL-2011 13:30:35	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49190	No
166	GOM_TRA_1PNPDK20110727_133618_000000463105_00039_49191_1470.N1	27-JUL-2011 13:36:18	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49191	No
167	GOM_TRA_1PNPDK20110727_134041_000000553105_00039_49191_1471.N1	27-JUL-2011 13:40:41	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49191	No
168	GOM_TRA_1PNPDK20110727_134320_000000403105_00039_49191_1472.N1	27-JUL-2011 13:43:20	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	49191	No
169	GOM_TRA_1PNPDK20110727_134635_000000443105_00039_49191_1473.N1	27-JUL-2011 13:46:35	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49191	No
170	GOM_TRA_1PNPDK20110727_134945_000000463105_00039_49191_1474.N1	27-JUL-2011 13:49:45	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49191	No
171	GOM_TRA_1PNPDK20110727_140604_000000433105_00039_49191_1497.N1	27-JUL-2011 14:06:04	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	49191	No
172	GOM_TRA_1PNPDK20110727_141506_000000483105_00039_49191_1498.N1	27-JUL-2011 14:15:06	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	49191	No
173	GOM_TRA_1PNPDK20110727_141644_000000403105_00039_49191_1499.N1	27-JUL-2011 14:16:44	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49191	No
174	GOM_TRA_1PNPDK20110727_141809_000000443105_00039_49191_1500.N1	27-JUL-2011 14:18:09	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	49191	No
175	GOM_TRA_1PNPDK20110727_142329_000000423105_00039_49191_1501.N1	27-JUL-2011 14:23:29	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49191	No
176	GOM_TRA_1PNPDK20110727_143807_000000583105_00039_49191_1502.N1	27-JUL-2011 14:38:07	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	49191	No
177	GOM_TRA_1PNPDK20110727_143942_000000453105_00039_49191_1503.N1	27-JUL-2011 14:39:42	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49191	No
178	GOM_TRA_1PNPDK20110727_144131_000000413105_00039_49191_1504.N1	27-JUL-2011 14:41:31	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	49191	No
179	GOM_TRA_1PNPDK20110727_144327_000000653105_00039_49191_1505.N1	27-JUL-2011 14:43:27	Bright	65.000	149	45Eps Per	2.8880	30000.	130	49191	No
180	GOM_TRA_1PNPDK20110727_144623_000000533105_00039_49191_1506.N1	27-JUL-2011 14:46:23	Tw_i_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	49191	No
181	GOM_TRA_1PNPDK20110727_144923_000000543105_00039_49191_1507.N1	27-JUL-2011 14:49:23	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	49191	No
182	GOM_TRA_1PNPDK20110727_145100_000000523105_00039_49191_1508.N1	27-JUL-2011 14:51:00	Dark	51.500	13	87Alp Tau	0.86700	3800.0	103	49191	No
183	GOM_TRA_1PNPDK20110727_145303_000000443105_00039_49191_1509.N1	27-JUL-2011 14:53:03	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49191	No
184	GOM_TRA_1PNPDK20110727_145638_000000393105_00039_49191_1510.N1	27-JUL-2011 14:56:38	Dark	38.500	128	67Bet Eri	2.7840	9700.0	77	49191	No
185	GOM_TRA_1PNPDK20110727_150128_000000553105_00039_49191_1511.N1	27-JUL-2011 15:01:28	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	49191	No
186	GOM_TRA_1PNPDK20110727_151050_000000443105_00039_49191_1512.N1	27-JUL-2011 15:10:50	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49191	No
187	GOM_TRA_1PNPDK20110727_151633_000000473105_00040_49192_1513.N1	27-JUL-2011 15:16:33	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49192	No

188	GOM_TRA_1PNPDK20110727_152056_000000543105_00040_49192_1514.N1	27-JUL-2011 15:20:56	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49192	No
189	GOM_TRA_1PNPDK20110727_152335_000000403105_00040_49192_1515.N1	27-JUL-2011 15:23:35	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	49192	No
190	GOM_TRA_1PNPDK20110727_152650_000000453105_00040_49192_1516.N1	27-JUL-2011 15:26:50	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49192	No
191	GOM_TRA_1PNPDK20110727_153000_000000463105_00040_49192_1517.N1	27-JUL-2011 15:30:00	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49192	No
192	GOM_TRA_1PNPDK20110727_154618_000000423105_00040_49192_1531.N1	27-JUL-2011 15:46:18	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49192	No
193	GOM_TRA_1PNPDK20110727_155520_000000483105_00040_49192_1532.N1	27-JUL-2011 15:55:20	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	49192	No
194	GOM_TRA_1PNPDK20110727_155658_000000393105_00040_49192_1533.N1	27-JUL-2011 15:56:58	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49192	No
195	GOM_TRA_1PNPDK20110727_155822_000000633105_00040_49192_1534.N1	27-JUL-2011 15:58:22	Bright	63.000	19	50Alp Cyg	1.2460	10500.	126	49192	No
196	GOM_TRA_1PNPDK20110727_160343_000000383105_00040_49192_1535.N1	27-JUL-2011 16:03:43	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49192	No
197	GOM_TRA_1PNPDK20110727_161821_000000453105_00040_49192_1536.N1	27-JUL-2011 16:18:21	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49192	No
198	GOM_TRA_1PNPDK20110727_161956_000000673105_00040_49192_1537.N1	27-JUL-2011 16:19:56	Bright	67.000	35	33Alp Per	1.7950	6250.0	134	49192	No
199	GOM_TRA_1PNPDK20110727_162145_000000413105_00040_49192_1538.N1	27-JUL-2011 16:21:45	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	49192	No
200	GOM_TRA_1PNPDK20110727_162341_000000423105_00040_49192_1539.N1	27-JUL-2011 16:23:41	Bright	41.500	149	45Eps Per	2.8880	30000.	83	49192	No
201	GOM_TRA_1PNPDK20110727_162637_000000503105_00040_49192_1540.N1	27-JUL-2011 16:26:37	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	49192	No
202	GOM_TRA_1PNPDK20110727_162937_000000533105_00040_49192_1541.N1	27-JUL-2011 16:29:37	Dark	52.500	146	25Eta Tau	2.8730	15200.	105	49192	No
203	GOM_TRA_1PNPDK20110727_163114_000000533105_00040_49192_1542.N1	27-JUL-2011 16:31:14	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	49192	No
204	GOM_TRA_1PNPDK20110727_163317_000000433105_00040_49192_1543.N1	27-JUL-2011 16:33:17	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	49192	No
205	GOM_TRA_1PNPDK20110727_163652_000000383105_00040_49192_1544.N1	27-JUL-2011 16:36:52	Dark	38.000	128	67Bet Eri	2.7840	9700.0	76	49192	No
206	GOM_TRA_1PNPDK20110727_164143_000000523105_00040_49192_1545.N1	27-JUL-2011 16:41:43	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	49192	No
207	GOM_TRA_1PNPDK20110727_165105_000000443105_00040_49192_1546.N1	27-JUL-2011 16:51:05	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49192	No
208	GOM_TRA_1PNPDK20110727_165647_000000463105_00041_49193_1547.N1	27-JUL-2011 16:56:47	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49193	No
209	GOM_TRA_1PNPDK20110727_170111_000000543105_00041_49193_1548.N1	27-JUL-2011 17:01:11	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49193	No
210	GOM_TRA_1PNPDK20110727_170349_000000423105_00041_49193_1549.N1	27-JUL-2011 17:03:49	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	49193	No
211	GOM_TRA_1PNPDK20110727_170705_000000453105_00041_49193_1550.N1	27-JUL-2011 17:07:05	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49193	No
212	GOM_TRA_1PNPDK20110727_171014_000000463105_00041_49193_1561.N1	27-JUL-2011 17:10:14	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49193	Yes
213	GOM_TRA_1PNPDK20110727_172632_000000413105_00041_49193_1562.N1	27-JUL-2011 17:26:32	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49193	No
214	GOM_TRA_1PNPDK20110727_173533_000000483105_00041_49193_1563.N1	27-JUL-2011 17:35:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	49193	No
215	GOM_TRA_1PNPDK20110727_173712_000000383105_00041_49193_1564.N1	27-JUL-2011 17:37:12	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49193	No
216	GOM_TRA_1PNPDK20110727_173836_000000443105_00041_49193_1565.N1	27-JUL-2011 17:38:36	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	49193	No
217	GOM_TRA_1PNPDK20110727_174356_000000423105_00041_49193_1566.N1	27-JUL-2011 17:43:56	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49193	No
218	GOM_TRA_1PNPDK20110727_175835_000000673105_00041_49193_1567.N1	27-JUL-2011 17:58:35	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	49193	No
219	GOM_TRA_1PNPDK20110727_180009_000000673105_00041_49193_1568.N1	27-JUL-2011 18:00:09	Bright	67.000	35	33Alp Per	1.7950	6250.0	134	49193	No
220	GOM_TRA_1PNPDK20110727_180159_000000433105_00041_49193_1569.N1	27-JUL-2011 18:01:59	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49193	No
221	GOM_TRA_1PNPDK20110727_180355_000000413105_00041_49193_1570.N1	27-JUL-2011 18:03:55	Bright	41.000	149	45Eps Per	2.8880	30000.	82	49193	No
222	GOM_TRA_1PNPDK20110727_180651_000000533105_00041_49193_1571.N1	27-JUL-2011 18:06:51	Tw_i_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	49193	No
223	GOM_TRA_1PNPDK20110727_180952_000000533105_00041_49193_1572.N1	27-JUL-2011 18:09:52	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	49193	No
224	GOM_TRA_1PNPDK20110727_181128_000000513105_00041_49193_1573.N1	27-JUL-2011 18:11:28	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49193	No
225	GOM_TRA_1PNPDK20110727_181331_000000413105_00041_49193_1574.N1	27-JUL-2011 18:13:31	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	49193	No
226	GOM_TRA_1PNPDK20110727_181707_000000393105_00041_49193_1575.N1	27-JUL-2011 18:17:07	Dark	38.500	128	67Bet Eri	2.7840	9700.0	77	49193	No
227	GOM_TRA_1PNPDK20110727_182158_000000523105_00041_49193_1576.N1	27-JUL-2011 18:21:58	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	49193	No
228	GOM_TRA_1PNPDK20110727_183120_000000453105_00041_49193_1577.N1	27-JUL-2011 18:31:20	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49193	No
229	GOM_TRA_1PNPDK20110727_183702_000000473105_00042_49194_1578.N1	27-JUL-2011 18:37:02	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49194	No
230	GOM_TRA_1PNPDK20110727_184127_000000563105_00042_49194_1579.N1	27-JUL-2011 18:41:27	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49194	No
231	GOM_TRA_1PNPDK20110727_184404_000000403105_00042_49194_1580.N1	27-JUL-2011 18:44:04	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	49194	No
232	GOM_TRA_1PNPDK20110727_184719_000000443105_00042_49194_1581.N1	27-JUL-2011 18:47:19	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49194	No
233	GOM_TRA_1PNPDK20110727_185029_000000473105_00042_49194_1594.N1	27-JUL-2011 18:50:29	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49194	No
234	GOM_TRA_1PNPDK20110727_190646_000000393105_00042_49194_1595.N1	27-JUL-2011 19:06:46	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49194	No
235	GOM_TRA_1PNPDK20110727_191546_000000473105_00042_49194_1596.N1	27-JUL-2011 19:15:46	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	49194	No
236	GOM_TRA_1PNPDK20110727_191726_000000573105_00042_49194_1597.N1	27-JUL-2011 19:17:26	Bright	57.000	144	18Del Cyg	2.8600	11000.	114	49194	No
237	GOM_TRA_1PNPDK20110727_191849_000000453105_00042_49194_1598.N1	27-JUL-2011 19:18:49	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	49194	No
238	GOM_TRA_1PNPDK20110727_192410_000000423105_00042_49194_1599.N1	27-JUL-2011 19:24:10	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49194	No
239	GOM_TRA_1PNPDK20110727_193848_000000463105_00042_49194_1600.N1	27-JUL-2011 19:38:48	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49194	No
240	GOM_TRA_1PNPDK20110727_194023_000000623105_00042_49194_1601.N1	27-JUL-2011 19:40:23	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	49194	No
241	GOM_TRA_1PNPDK20110727_194213_000000403105_00042_49194_1602.N1	27-JUL-2011 19:42:13	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49194	No
242	GOM_TRA_1PNPDK20110727_194409_000000413105_00042_49194_1603.N1	27-JUL-2011 19:44:09	Bright	40.500	149	45Eps Per	2.8880	30000.	81	49194	No
243	GOM_TRA_1PNPDK20110727_194705_000000513105_00042_49194_1604.N1	27-JUL-2011 19:47:05	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	49194	No
244	GOM_TRA_1PNPDK20110727_195006_000000463105_00042_49194_1605.N1	27-JUL-2011 19:50:06	Dark	46.000	146	25Eta Tau	2.8730	15200.	92	49194	No
245	GOM_TRA_1PNPDK20110727_195143_000000533105_00042_49194_1606.N1	27-JUL-2011 19:51:43	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	49194	No
246	GOM_TRA_1PNPDK20110727_195346_000000433105_00042_49194_1607.N1	27-JUL-2011 19:53:46	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49194	No



247	GOM_TRA_1PNPDK20110727_195803_000000403105_00042_49194_1608.N1	27-JUL-2011 19:58:03	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	49194	No
248	GOM_TRA_1PNPDK20110727_200213_000000513105_00042_49194_1609.N1	27-JUL-2011 20:02:13	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49194	No
249	GOM_TRA_1PNPDK20110727_201134_000000473105_00042_49194_1610.N1	27-JUL-2011 20:11:34	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49194	No
250	GOM_TRA_1PNPDK20110727_201717_000000463105_00043_49195_1611.N1	27-JUL-2011 20:17:17	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49195	No
251	GOM_TRA_1PNPDK20110727_202142_000000543105_00043_49195_1612.N1	27-JUL-2011 20:21:42	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49195	No
252	GOM_TRA_1PNPDK20110727_202418_000000393105_00043_49195_1613.N1	27-JUL-2011 20:24:18	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	49195	No
253	GOM_TRA_1PNPDK20110727_202734_000000443105_00043_49195_1614.N1	27-JUL-2011 20:27:34	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49195	No
254	GOM_TRA_1PNPDE20110727_203043_000000463105_00043_49195_8370.N1	27-JUL-2011 20:30:43	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49195	No
255	GOM_TRA_1PNPDE20110727_204659_000000393105_00043_49195_8371.N1	27-JUL-2011 20:46:59	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49195	No
256	GOM_TRA_1PNPDE20110727_205600_000000483105_00043_49195_8372.N1	27-JUL-2011 20:56:00	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	49195	No
257	GOM_TRA_1PNPDE20110727_205739_000000403105_00043_49195_8373.N1	27-JUL-2011 20:57:39	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49195	No
258	GOM_TRA_1PNPDE20110727_205903_000000633105_00043_49195_8374.N1	27-JUL-2011 20:59:03	Bright	63.000	19	50Alp Cyg	1.2460	10500.	126	49195	No
259	GOM_TRA_1PNPDE20110727_210423_000000393105_00043_49195_8375.N1	27-JUL-2011 21:04:23	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49195	No
260	GOM_TRA_1PNPDE20110727_211902_000000473105_00043_49195_8376.N1	27-JUL-2011 21:19:02	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	49195	No
261	GOM_TRA_1PNPDE20110727_212037_000000473105_00043_49195_8377.N1	27-JUL-2011 21:20:37	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49195	No
262	GOM_TRA_1PNPDE20110727_212227_000000413105_00043_49195_8378.N1	27-JUL-2011 21:22:27	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	49195	No
263	GOM_TRA_1PNPDE20110727_212423_000000413105_00043_49195_8379.N1	27-JUL-2011 21:24:23	Bright	41.000	149	45Eps Per	2.8880	30000.	82	49195	No
264	GOM_TRA_1PNPDE20110727_212720_000000513105_00043_49195_8380.N1	27-JUL-2011 21:27:20	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	49195	No
265	GOM_TRA_1PNPDE20110727_213020_000000463105_00043_49195_8381.N1	27-JUL-2011 21:30:20	Dark	46.000	146	25Eta Tau	2.8730	15200.	92	49195	No
266	GOM_TRA_1PNPDE20110727_213157_000000523105_00043_49195_8382.N1	27-JUL-2011 21:31:57	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	49195	No
267	GOM_TRA_1PNPDE20110727_213400_000000423105_00043_49195_8383.N1	27-JUL-2011 21:34:00	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	49195	No
268	GOM_TRA_1PNPDE20110727_213818_000000433105_00043_49195_8384.N1	27-JUL-2011 21:38:18	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	49195	No
269	GOM_TRA_1PNPDE20110727_214228_000000533105_00043_49195_8397.N1	27-JUL-2011 21:42:28	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	49195	No
270	GOM_TRA_1PNPDE20110727_215149_000000463105_00043_49195_8398.N1	27-JUL-2011 21:51:49	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49195	No
271	GOM_TRA_1PNPDE20110727_215731_000000433105_00044_49196_8399.N1	27-JUL-2011 21:57:31	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49196	No
272	GOM_TRA_1PNPDE20110727_220156_000000563105_00044_49196_8400.N1	27-JUL-2011 22:01:56	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49196	No
273	GOM_TRA_1PNPDE20110727_220432_000000423105_00044_49196_8401.N1	27-JUL-2011 22:04:32	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49196	No
274	GOM_TRA_1PNPDE20110727_220748_000000453105_00044_49196_8402.N1	27-JUL-2011 22:07:48	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49196	No
275	GOM_TRA_1PNPDE20110727_221058_000000473105_00044_49196_8403.N1	27-JUL-2011 22:10:58	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49196	No
276	GOM_TRA_1PNPDE20110727_222713_000000393105_00044_49196_8404.N1	27-JUL-2011 22:27:13	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49196	No
277	GOM_TRA_1PNPDE20110727_223613_000000473105_00044_49196_8405.N1	27-JUL-2011 22:36:13	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	49196	No
278	GOM_TRA_1PNPDE20110727_223753_000000573105_00044_49196_8406.N1	27-JUL-2011 22:37:53	Bright	57.000	144	18Del Cyg	2.8600	11000.	114	49196	No
279	GOM_TRA_1PNPDE20110727_223916_000000423105_00044_49196_8407.N1	27-JUL-2011 22:39:16	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	49196	No
280	GOM_TRA_1PNPDE20110727_224437_000000403105_00044_49196_8408.N1	27-JUL-2011 22:44:37	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49196	No
281	GOM_TRA_1PNPDE20110727_225916_000000623105_00044_49196_8409.N1	27-JUL-2011 22:59:16	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	49196	No
282	GOM_TRA_1PNPDE20110727_230051_000000473105_00044_49196_8410.N1	27-JUL-2011 23:00:51	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49196	No
283	GOM_TRA_1PNPDE20110727_230241_000000393105_00044_49196_8411.N1	27-JUL-2011 23:02:41	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49196	No
284	GOM_TRA_1PNPDE20110727_230437_000000443105_00044_49196_8412.N1	27-JUL-2011 23:04:37	Bright	43.500	149	45Eps Per	2.8880	30000.	87	49196	No
285	GOM_TRA_1PNPDE20110727_230734_000000533105_00044_49196_8413.N1	27-JUL-2011 23:07:34	Tw_i_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	49196	No
286	GOM_TRA_1PNPDE20110727_231034_000000373105_00044_49196_8414.N1	27-JUL-2011 23:10:34	Dark	37.000	146	25Eta Tau	2.8730	15200.	74	49196	No
287	GOM_TRA_1PNPDE20110727_231211_000000453105_00044_49196_8415.N1	27-JUL-2011 23:12:11	Dark	44.500	13	87Alp Tau	0.86700	3800.0	89	49196	No
288	GOM_TRA_1PNPDE20110727_231414_000000393105_00044_49196_8416.N1	27-JUL-2011 23:14:14	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	49196	No
289	GOM_TRA_1PNPDE20110727_231832_000000423105_00044_49196_8417.N1	27-JUL-2011 23:18:32	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	49196	No
290	GOM_TRA_1PNPDE20110727_232243_000000513105_00044_49196_8423.N1	27-JUL-2011 23:22:43	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49196	No
291	GOM_TRA_1PNPDE20110727_233204_000000463105_00044_49196_8424.N1	27-JUL-2011 23:32:04	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49196	No
292	GOM_TRA_1PNPDE20110727_233746_000000543105_00045_49197_8425.N1	27-JUL-2011 23:37:46	Dark	54.000	9	Alp Eri	0.45300	24000.	108	49197	No
293	GOM_TRA_1PNPDE20110727_234212_000000563105_00045_49197_8426.N1	27-JUL-2011 23:42:12	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49197	No
294	GOM_TRA_1PNPDE20110727_234447_000000403105_00045_49197_8427.N1	27-JUL-2011 23:44:47	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	49197	No
295	GOM_TRA_1PNPDE20110727_234802_000000473105_00045_49197_8428.N1	27-JUL-2011 23:48:02	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49197	No
296	GOM_TRA_1PNPDE20110727_235112_000000483105_00045_49197_8429.N1	27-JUL-2011 23:51:12	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49197	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).

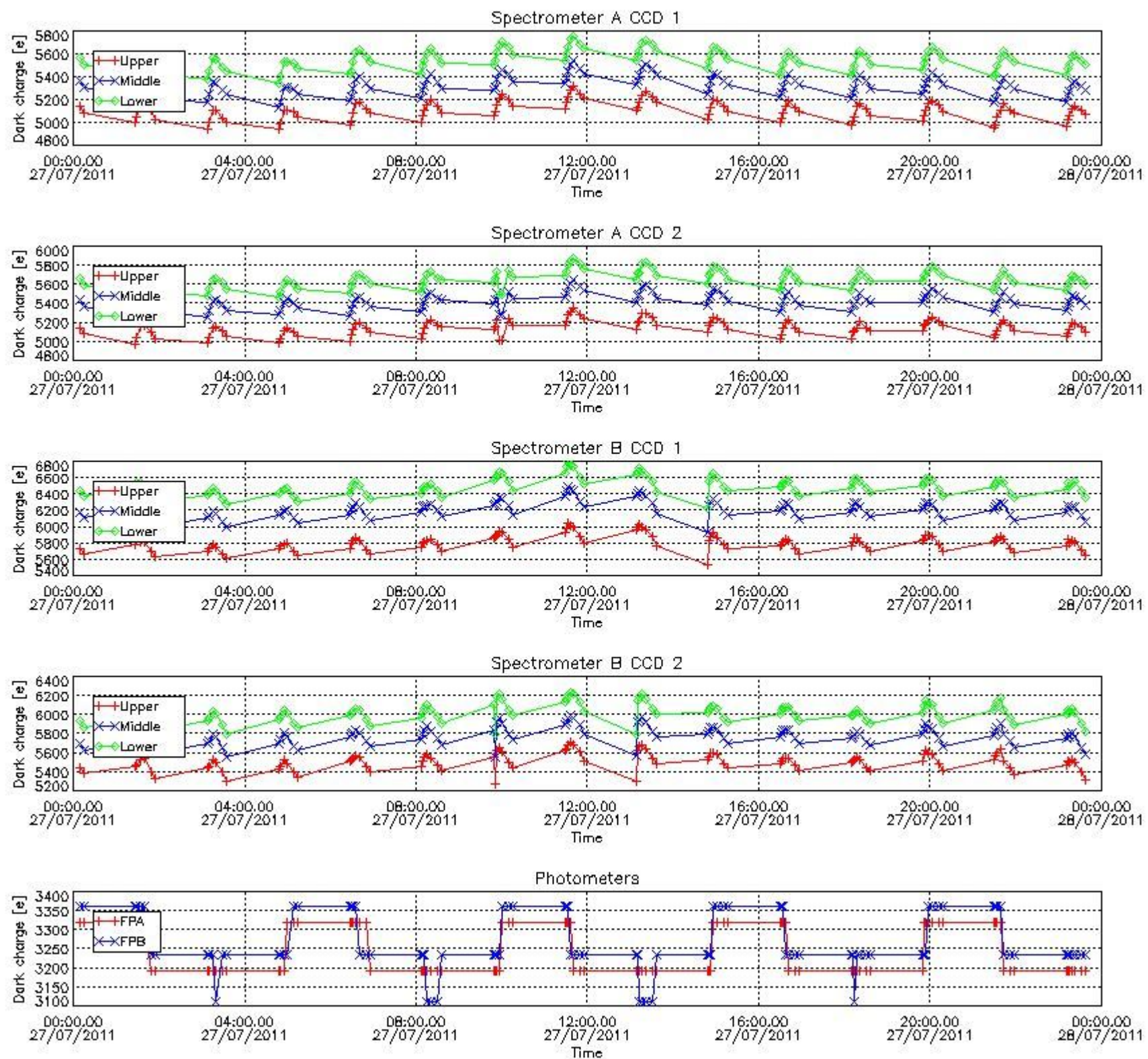
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110727_203043_000000463105_00043_49195_8370.N1	DC map used
GOM_TRA_1PNPDE20110727_204659_000000393105_00043_49195_8371.N1	DC map used
GOM_TRA_1PNPDE20110727_205600_000000483105_00043_49195_8372.N1	DC map used
GOM_TRA_1PNPDE20110727_205739_000000403105_00043_49195_8373.N1	DC map used
GOM_TRA_1PNPDE20110727_205903_000000633105_00043_49195_8374.N1	DC map used
GOM_TRA_1PNPDE20110727_210423_000000393105_00043_49195_8375.N1	DC map used
GOM_TRA_1PNPDE20110727_211902_000000473105_00043_49195_8376.N1	DC map used
GOM_TRA_1PNPDE20110727_212037_000000473105_00043_49195_8377.N1	DC map used
GOM_TRA_1PNPDE20110727_212227_000000413105_00043_49195_8378.N1	DC map used
GOM_TRA_1PNPDE20110727_212423_000000413105_00043_49195_8379.N1	DC map used
GOM_TRA_1PNPDE20110727_212720_000000513105_00043_49195_8380.N1	DC map used
GOM_TRA_1PNPDE20110727_213020_000000463105_00043_49195_8381.N1	DC map used
GOM_TRA_1PNPDE20110727_213157_000000523105_00043_49195_8382.N1	DC map used
GOM_TRA_1PNPDE20110727_213400_000000423105_00043_49195_8383.N1	DC map used



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



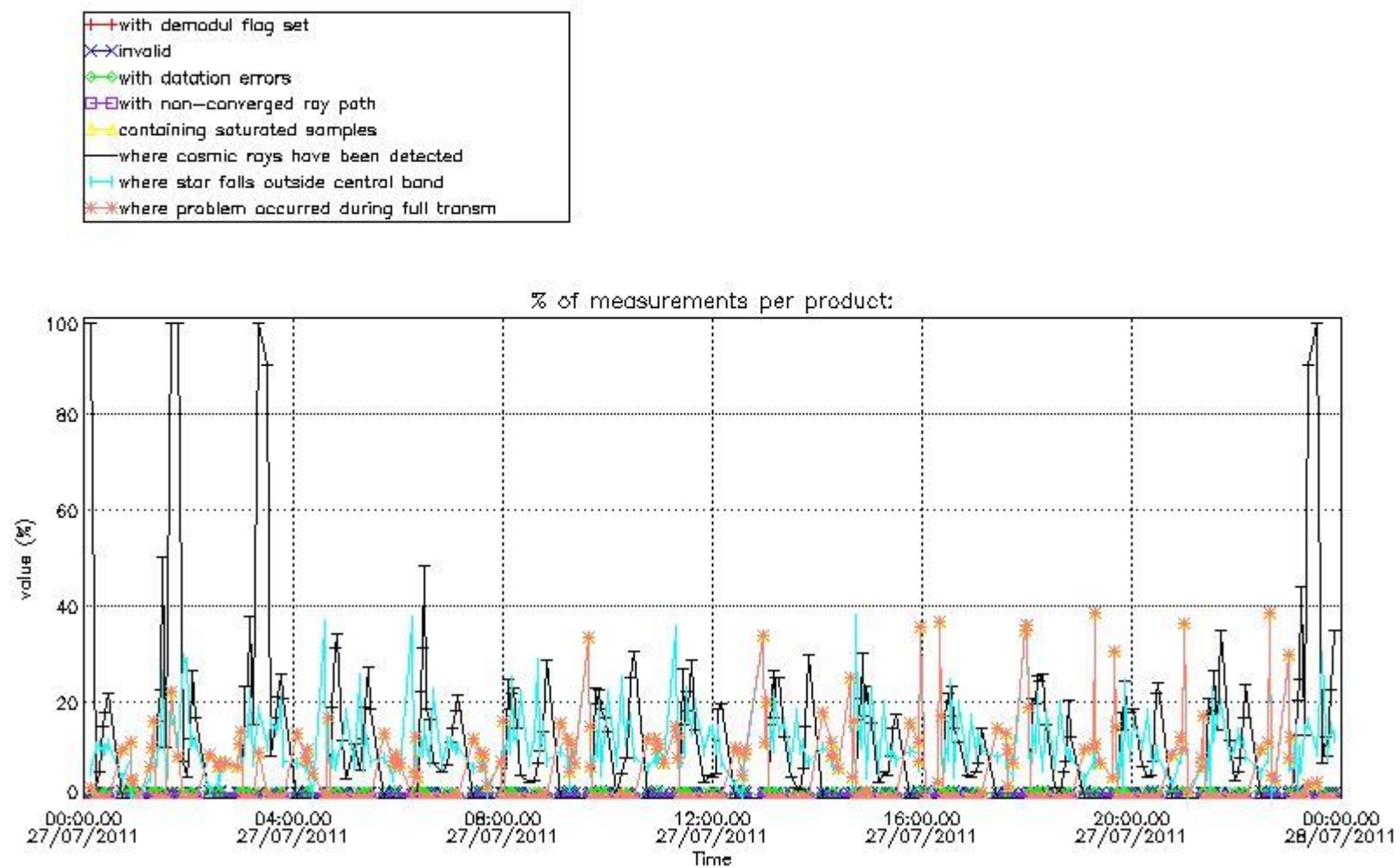
#### 5. Demodulation flag and quality information monitoring

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:

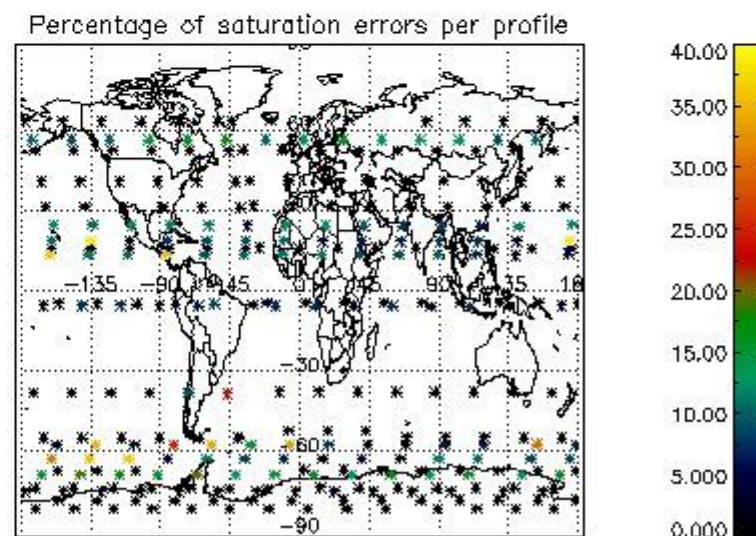
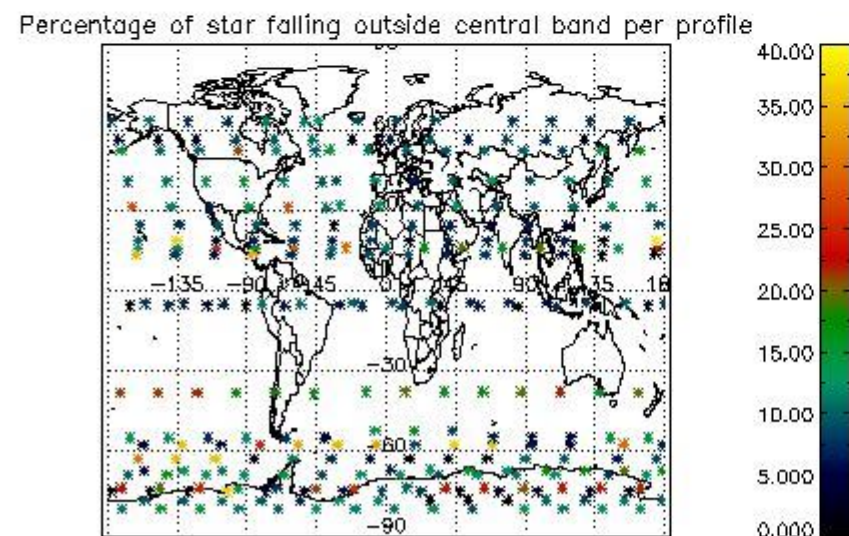
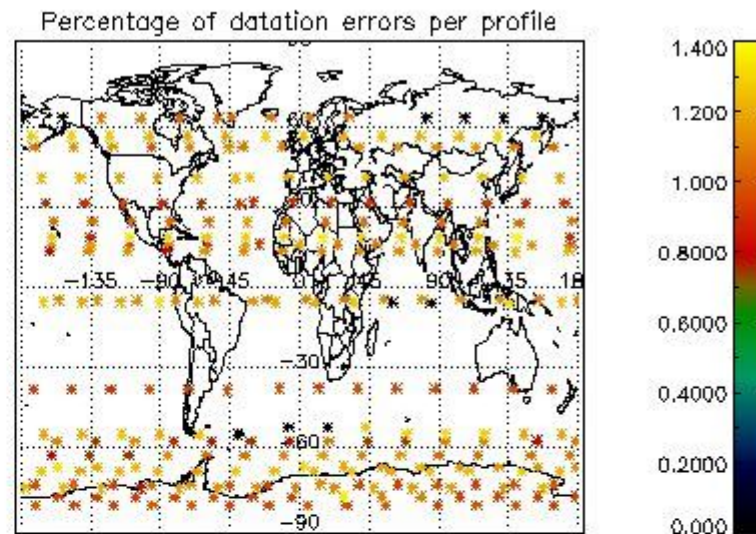
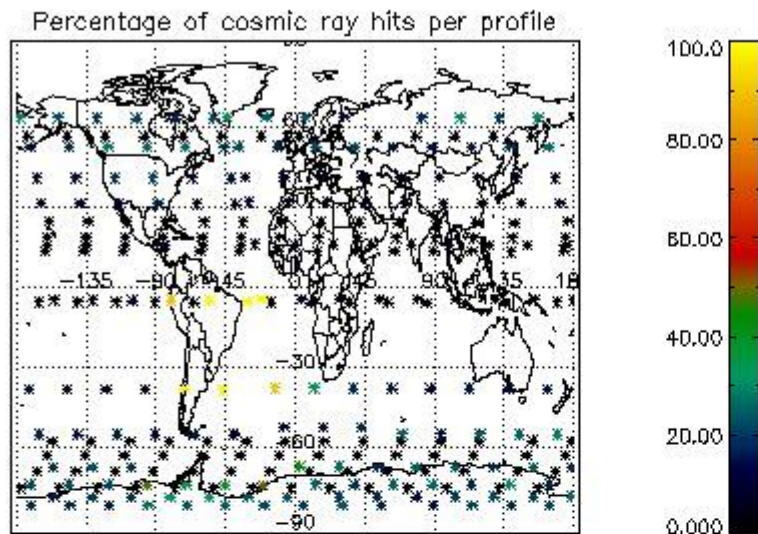
At least one measurement with demodulation flag set:	54.2373 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	42.3729 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





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

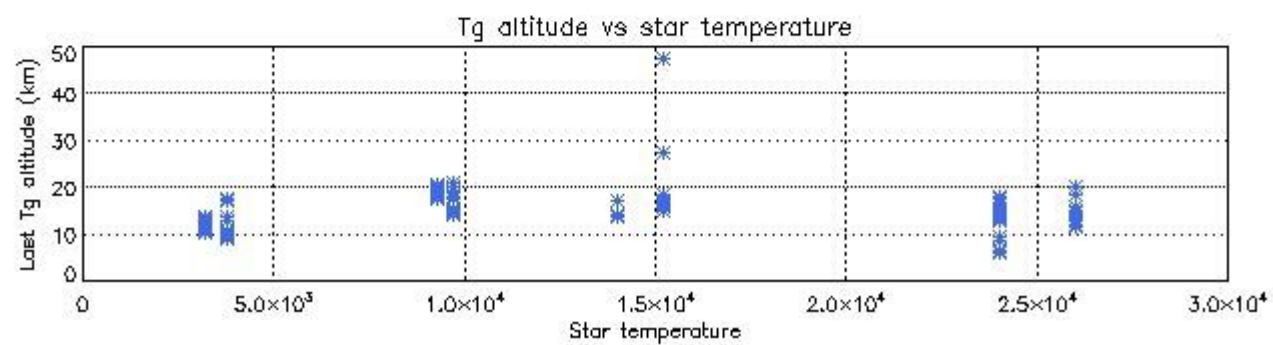
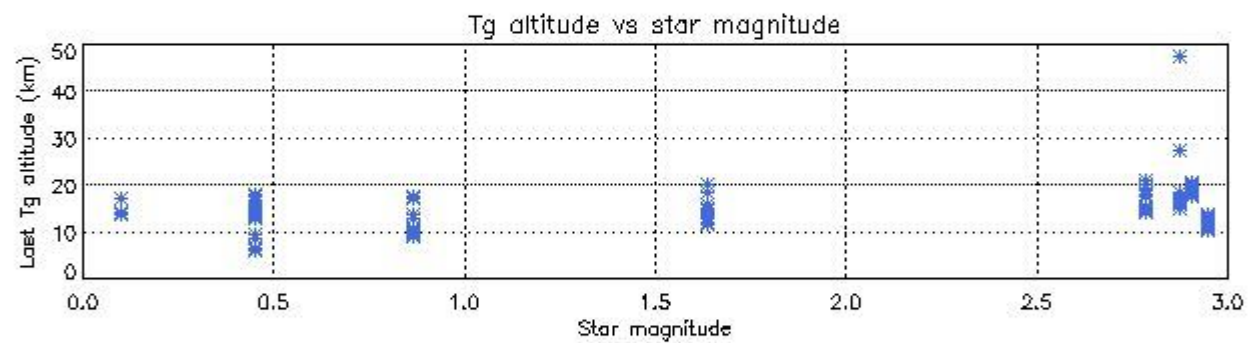
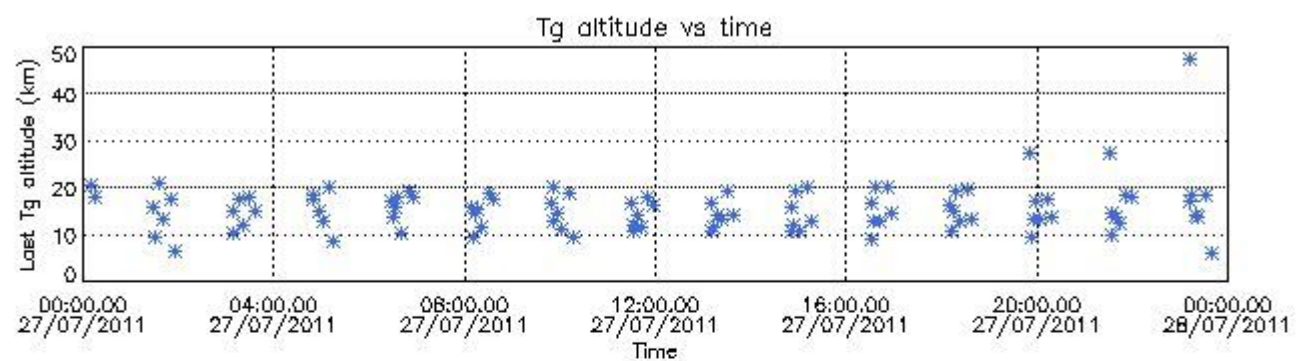
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.393	18.919	NaN
St. deviation:	5.0688	6.3046	NaN
Maximum:	47.310	29.725	NaN
Minimum:	5.9815	2.8348	NaN
Number of data:	97.000	125.00	NaN

### 6.2 Plot for DARK limb products

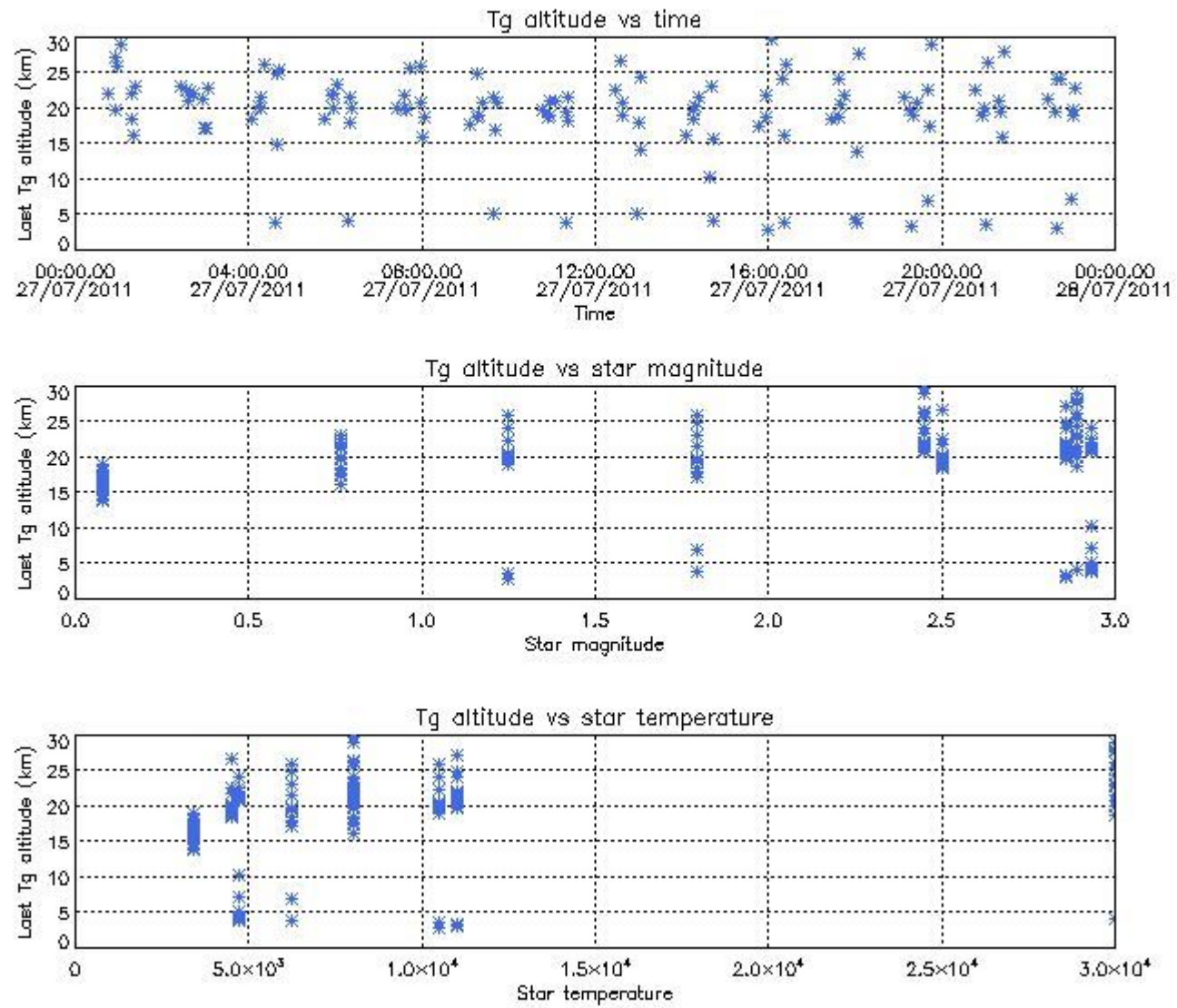


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

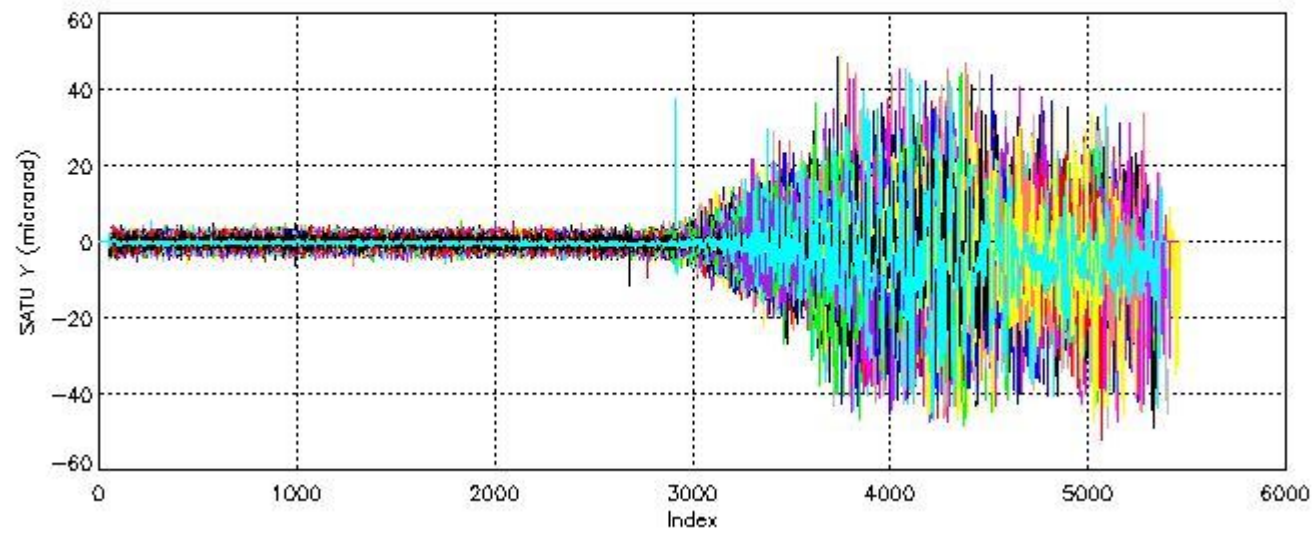
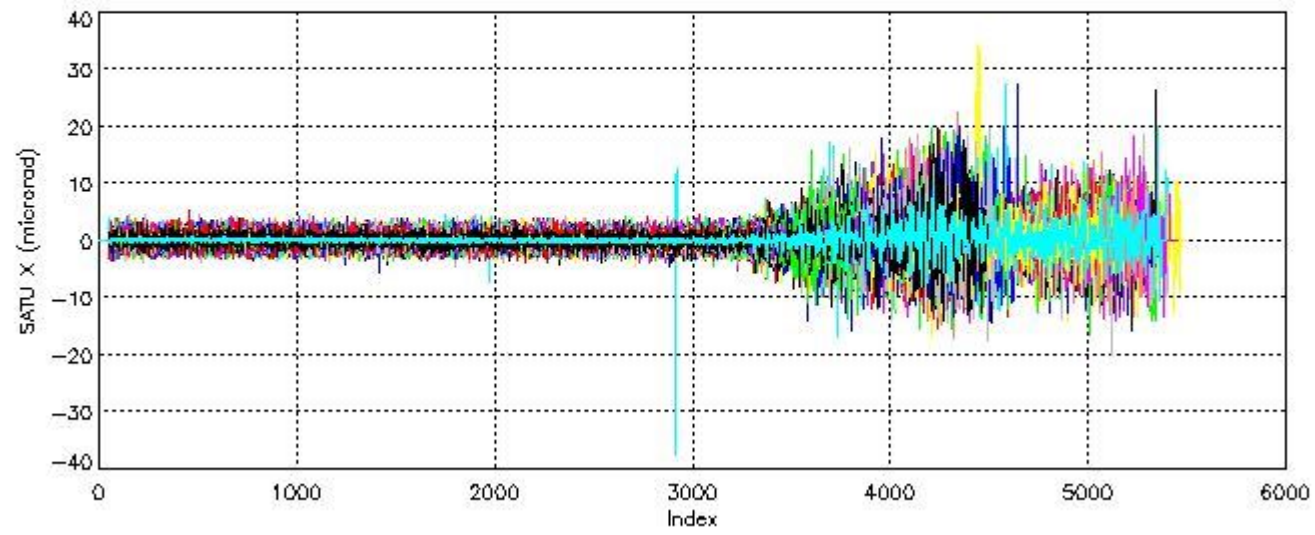


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.14358	-0.25656	0.19457	-0.25216
St. deviation:	0.59144	0.70175	0.72169	0.80558
Maximum:	5.2000	5.0000	5.7000	6.1000
Minimum:	-4.0000	-6.4000	-6.3000	-7.1000



Number of data:	98400.	98400.	1.2680E+05	1.2680E+05
90Percentile:	1.0000	0.70000	1.1000	0.70000

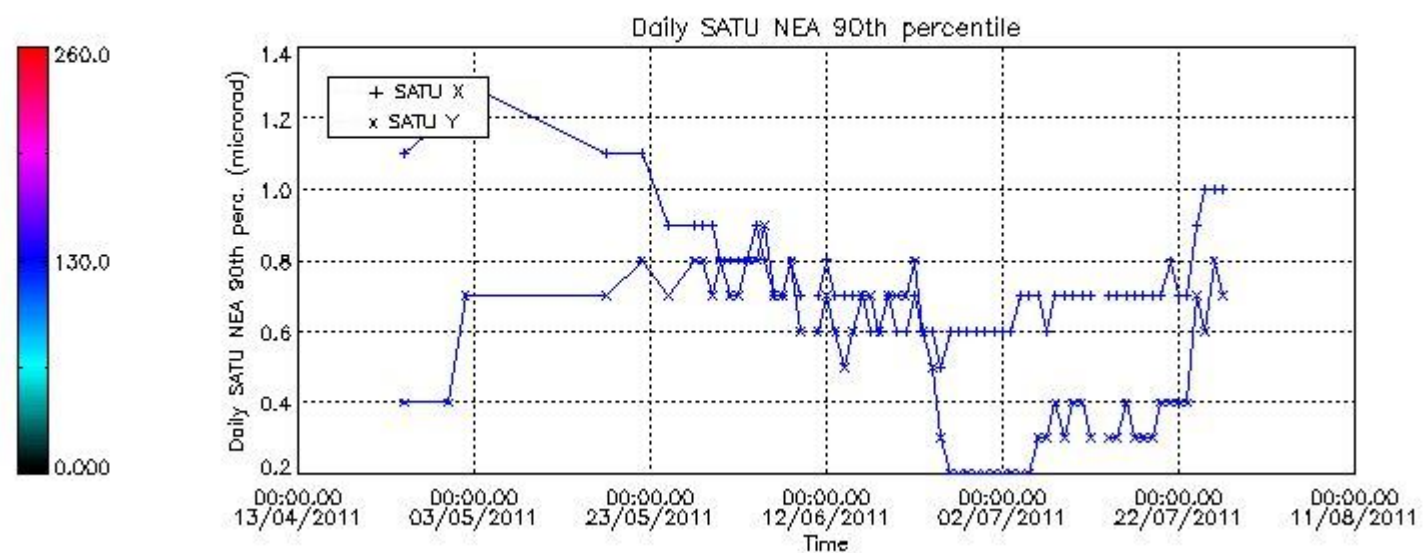
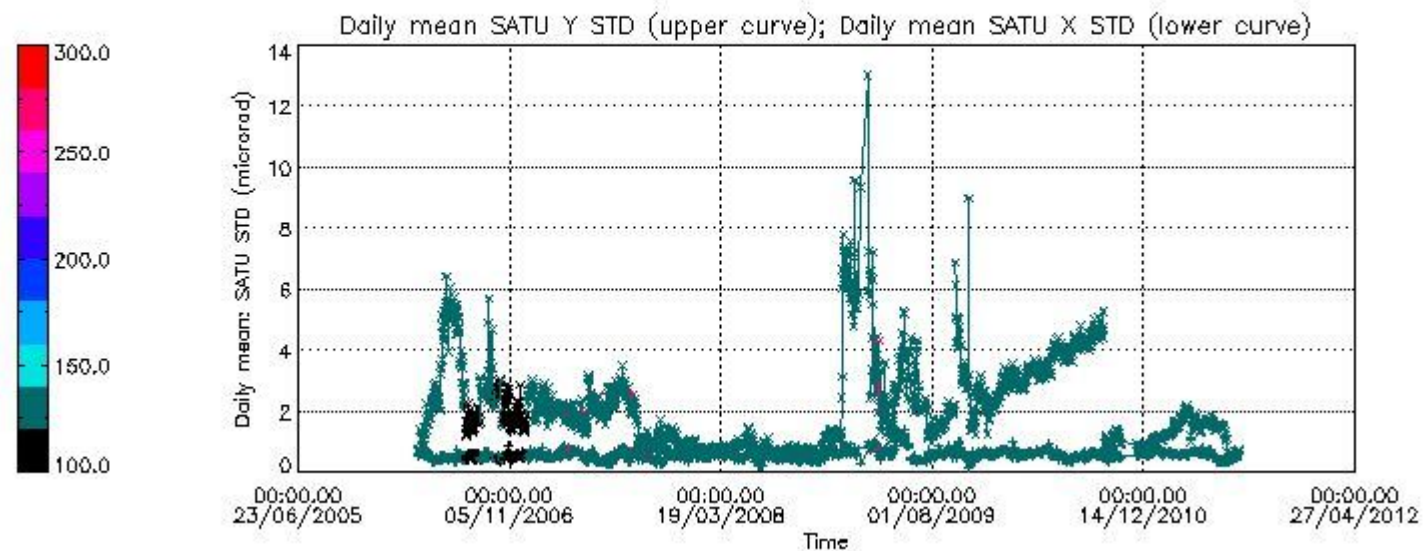
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

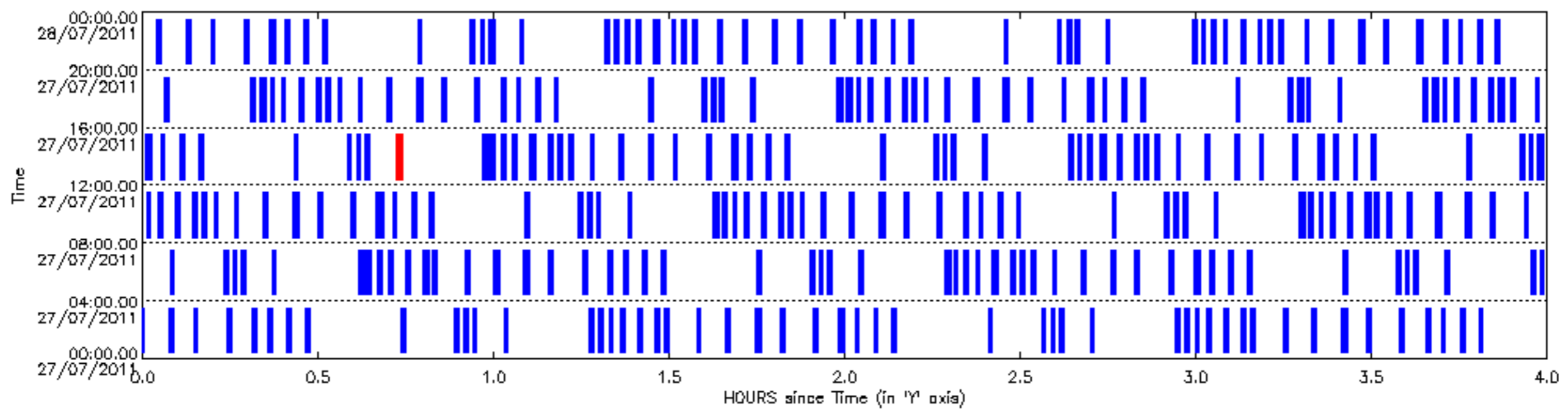
Lower curve: STD of SATU X axis



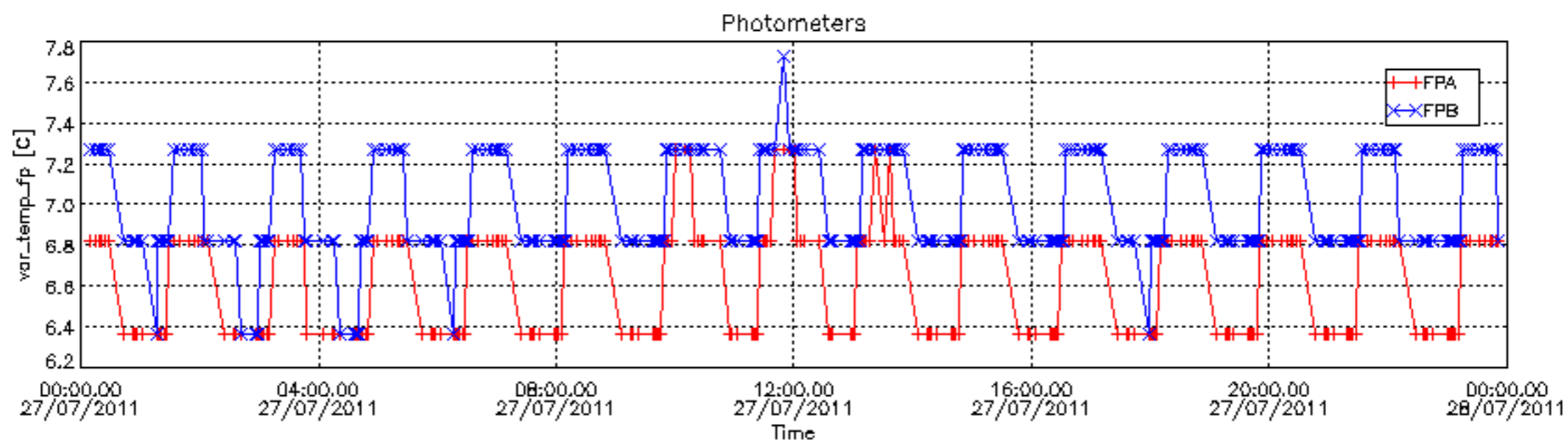
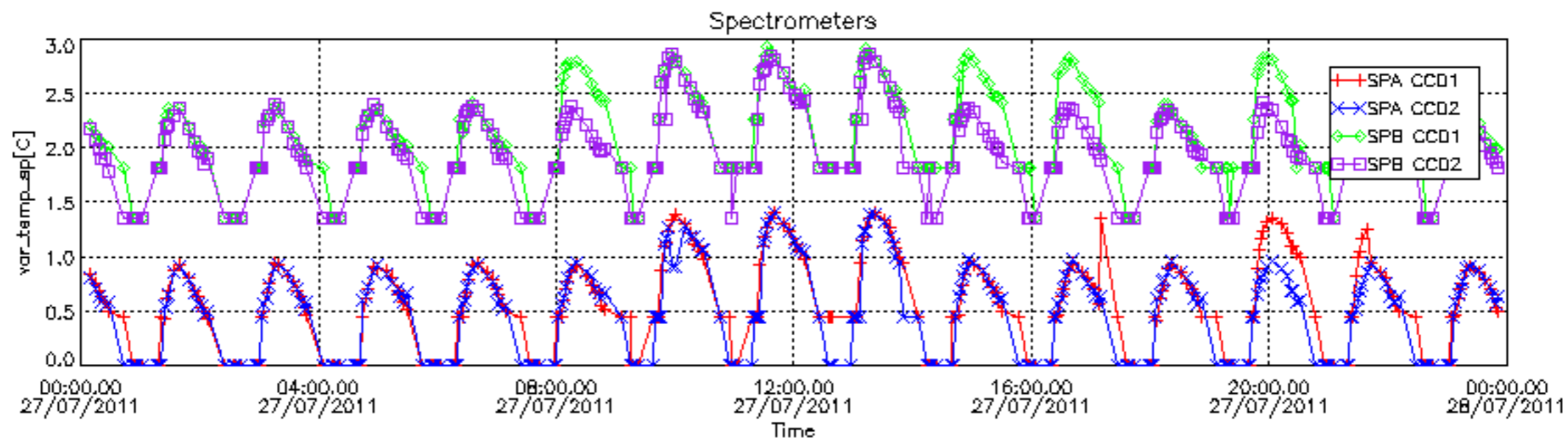
### 8. Auxiliary Data Files used for the production reported in section 2.4

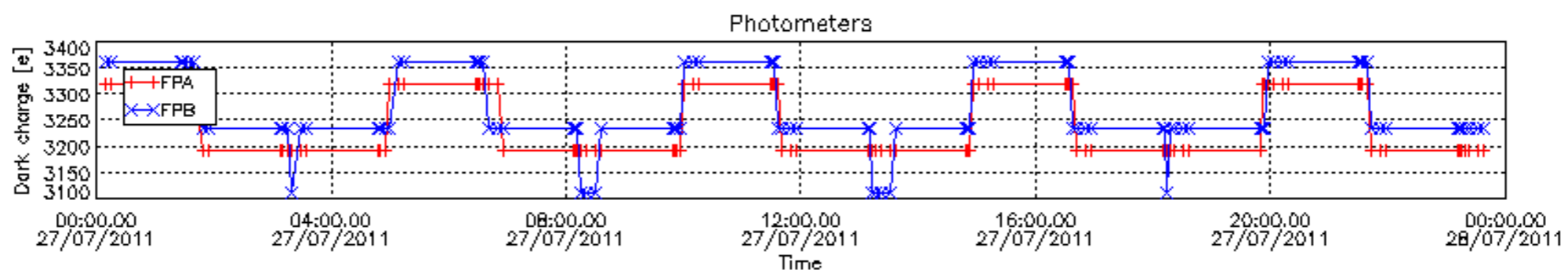
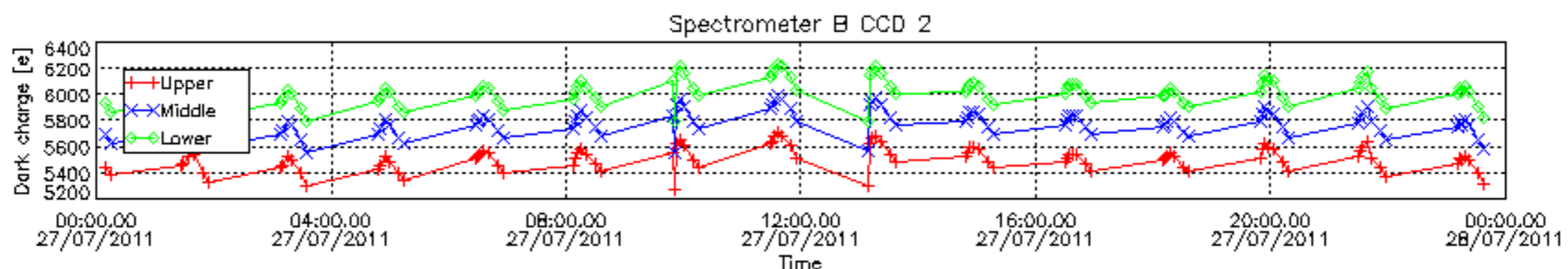
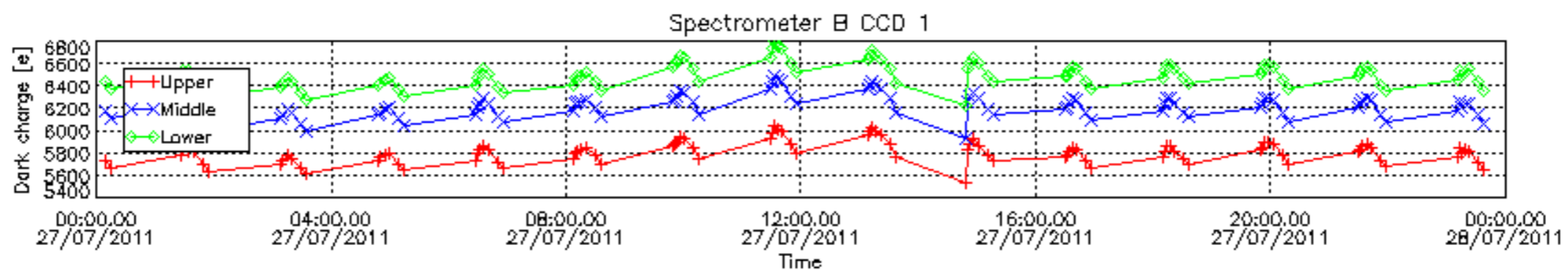
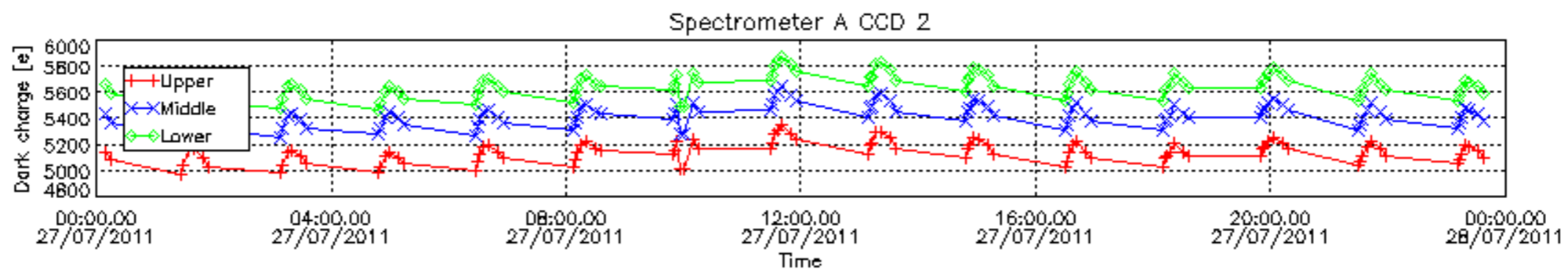
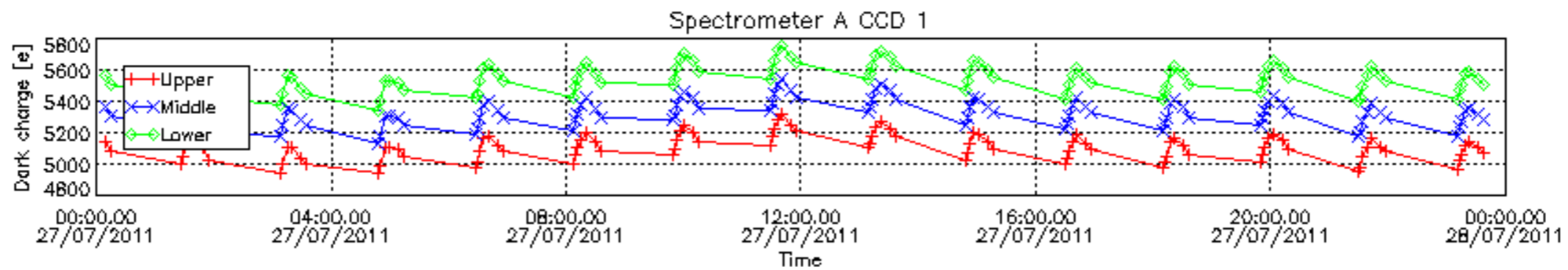
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

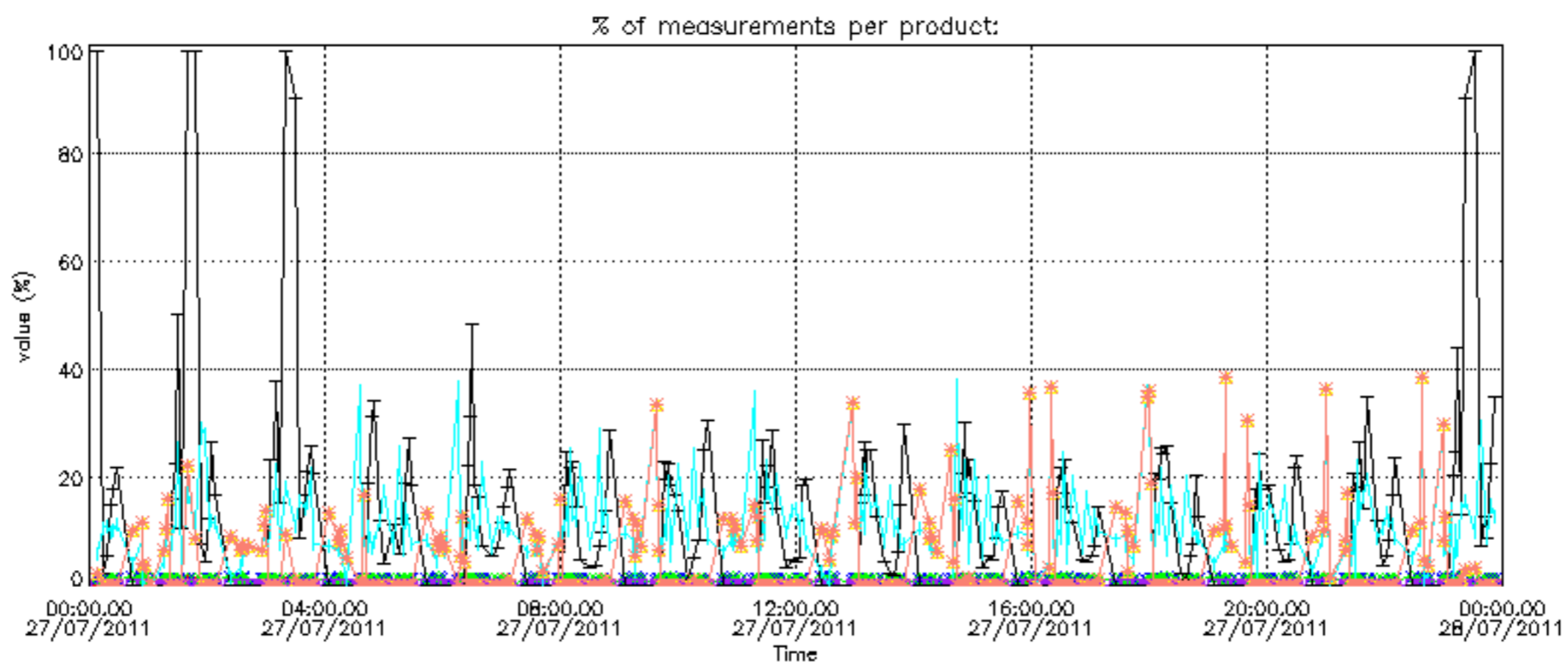
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-JUL-2011 00:08:36
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110718_093638_20110717_000000_20500101_000000	1	27-JUL-2011 00:08:36
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110727_140829_20110725_000000_20500101_000000	102	27-JUL-2011 08:20:29
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110718_093638_20110717_000000_20500101_000000	109	27-JUL-2011 09:05:22
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110727_140829_20110725_000000_20500101_000000	151	27-JUL-2011 12:25:50
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	27-JUL-2011 00:08:36
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	27-JUL-2011 00:08:36
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	27-JUL-2011 00:08:36
ECMWF_FILE	AUX_ECF_AXNECM20110726_063805_20110726_210000_20110727_090000	1	27-JUL-2011 00:08:36
ECMWF_FILE	AUX_ECF_AXNECM20110726_183820_20110727_030000_20110727_150000	52	27-JUL-2011 04:36:45
ECMWF_FILE	AUX_ECA_AXNECM20110727_062113_20110726_210000_20110727_090000	72	27-JUL-2011 06:16:59
ECMWF_FILE	AUX_ECA_AXNECM20110727_181639_20110727_030000_20110727_150000	102	27-JUL-2011 08:20:29
ECMWF_FILE	AUX_ECF_AXNECM20110727_062113_20110727_090000_20110727_210000	109	27-JUL-2011 09:05:22
ECMWF_FILE	AUX_ECA_AXNECM20110727_181640_20110727_090000_20110727_210000	192	27-JUL-2011 15:46:18
ECMWF_FILE	AUX_ECF_AXNECM20110727_062114_20110727_150000_20110728_030000	254	27-JUL-2011 20:30:43
ECMWF_FILE	AUX_ECF_AXNECM20110727_062114_20110727_210000_20110728_090000	269	27-JUL-2011 21:42:28
OPTIONAL_ECMWF_FILE	MISSING	1	27-JUL-2011 00:08:36
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110726_102253_20110725_194603_20110804_201936	1	27-JUL-2011 00:08:36
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110727_102226_20110726_190919_20110805_212306	102	27-JUL-2011 08:20:29





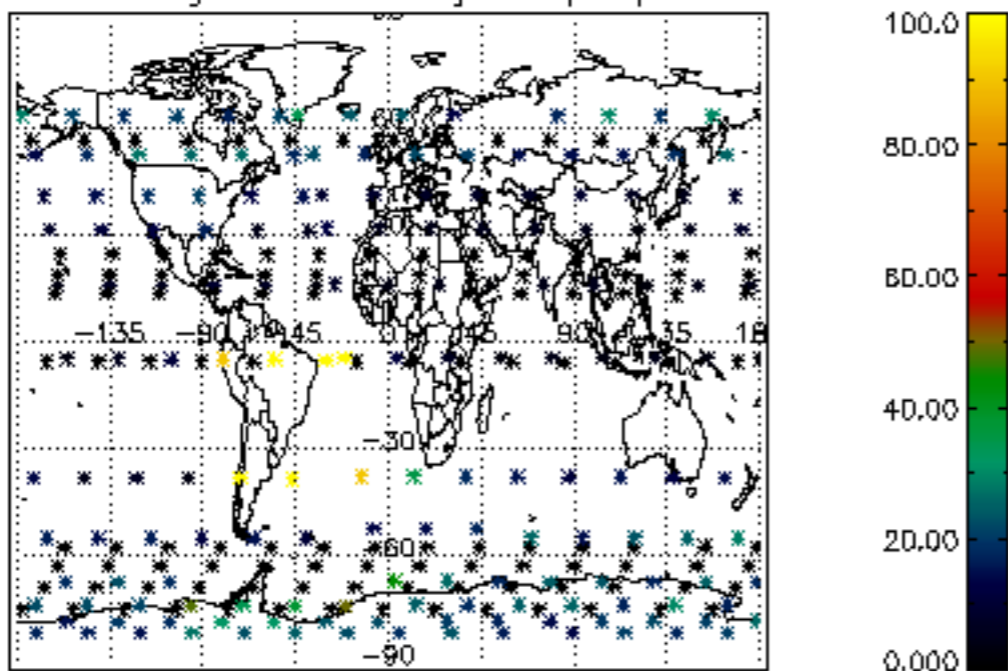




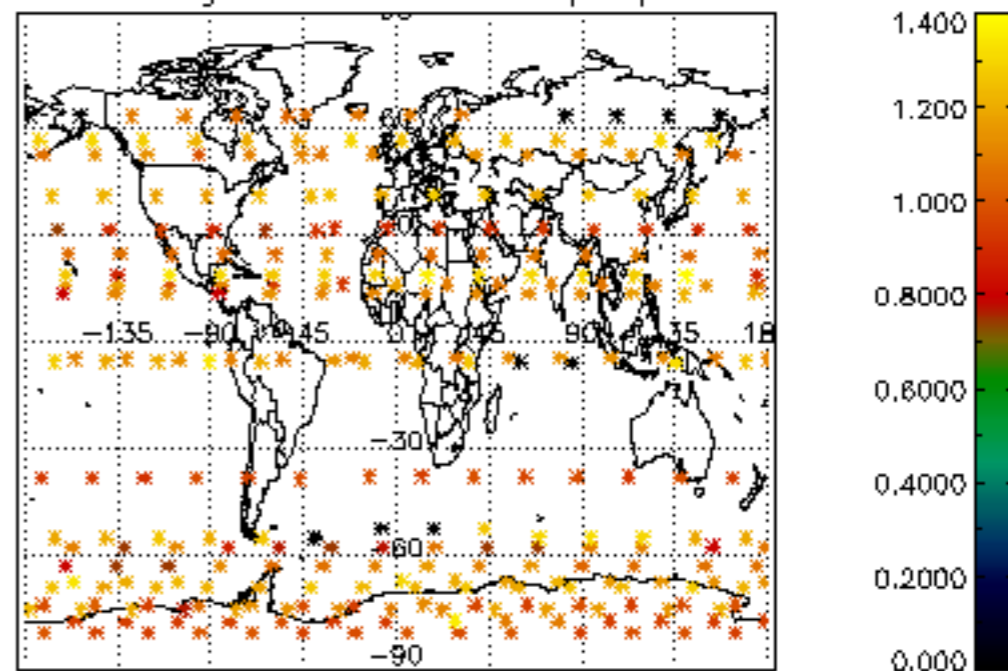




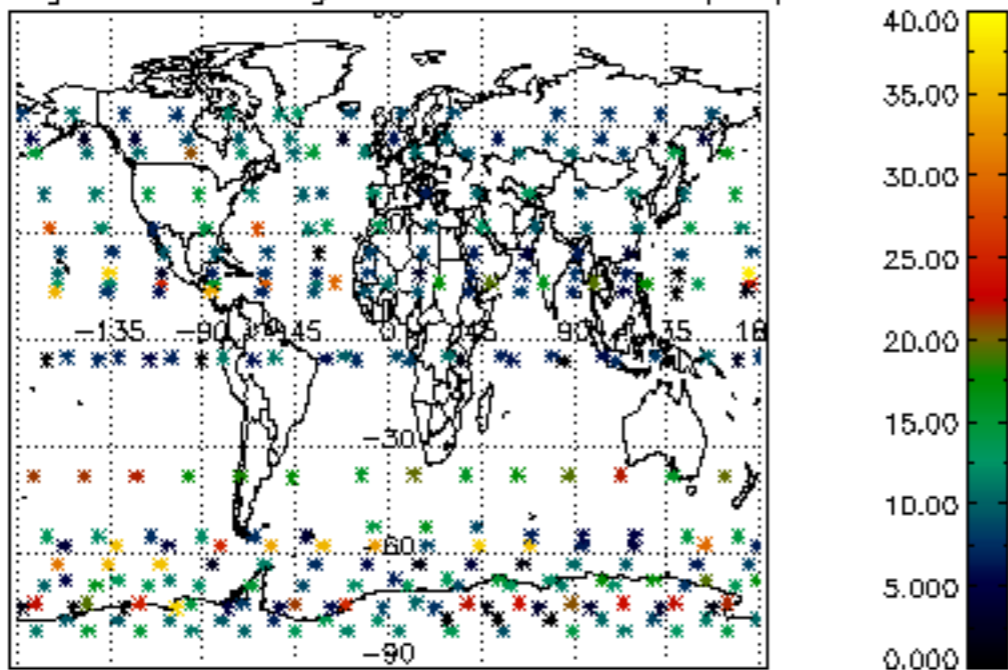
Percentage of cosmic ray hits per profile



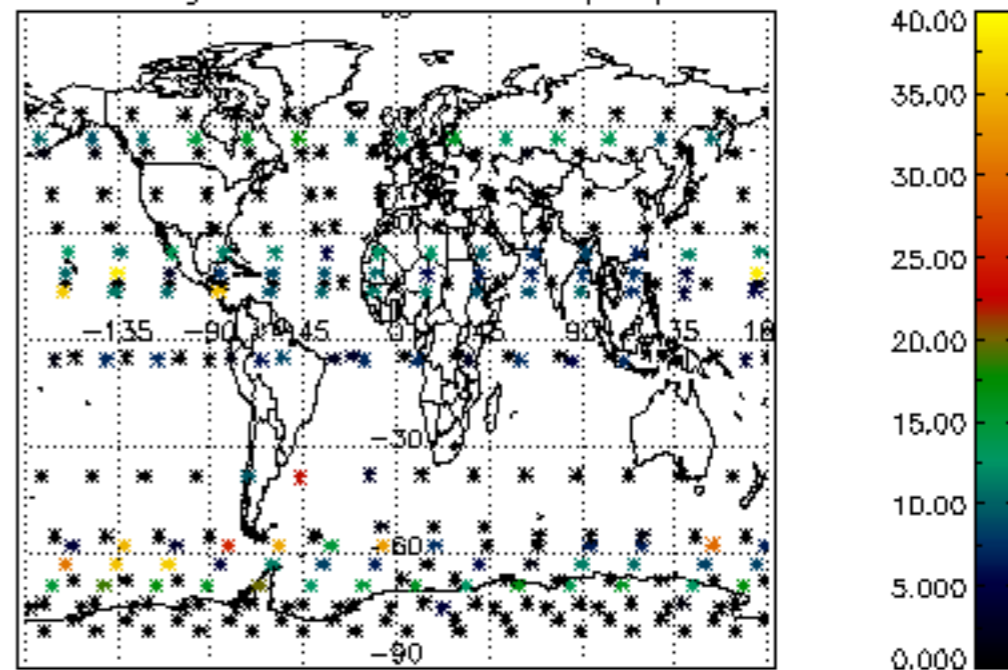
Percentage of datation errors per profile



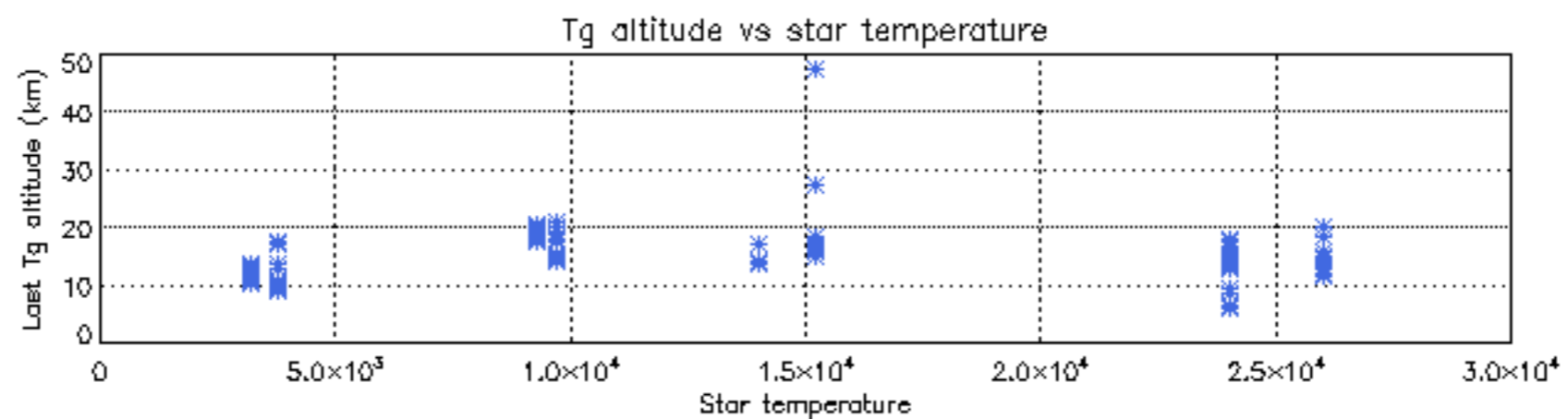
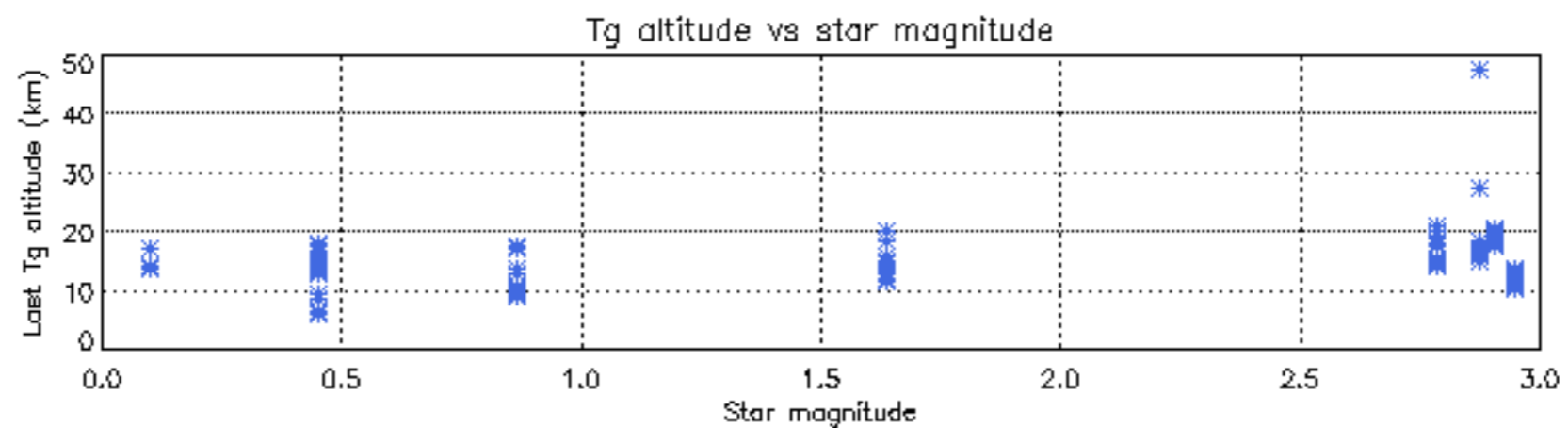
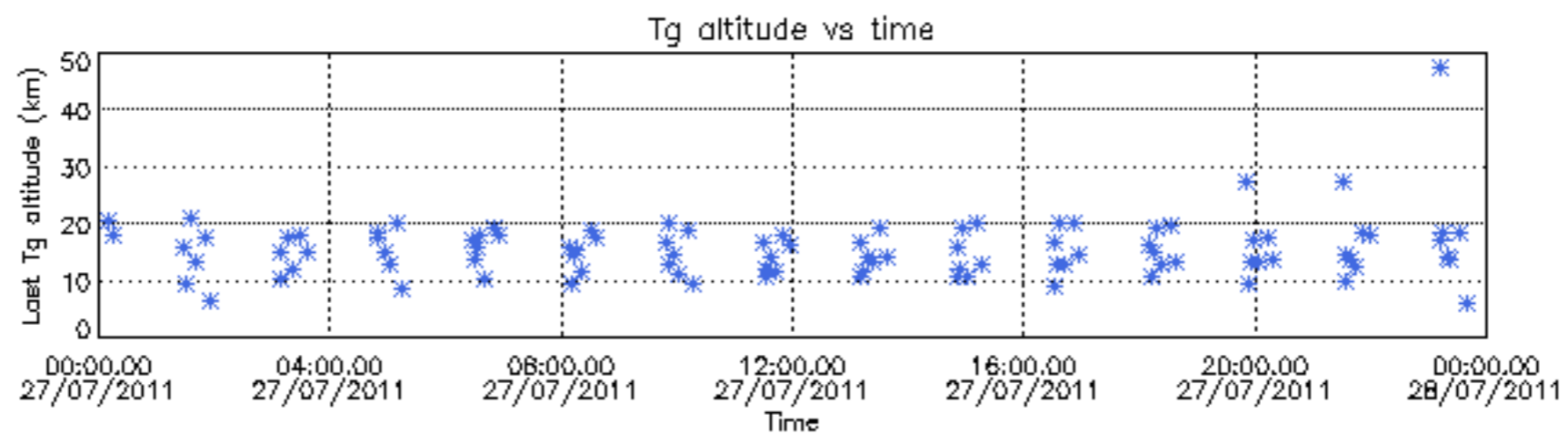
Percentage of star falling outside central band per profile



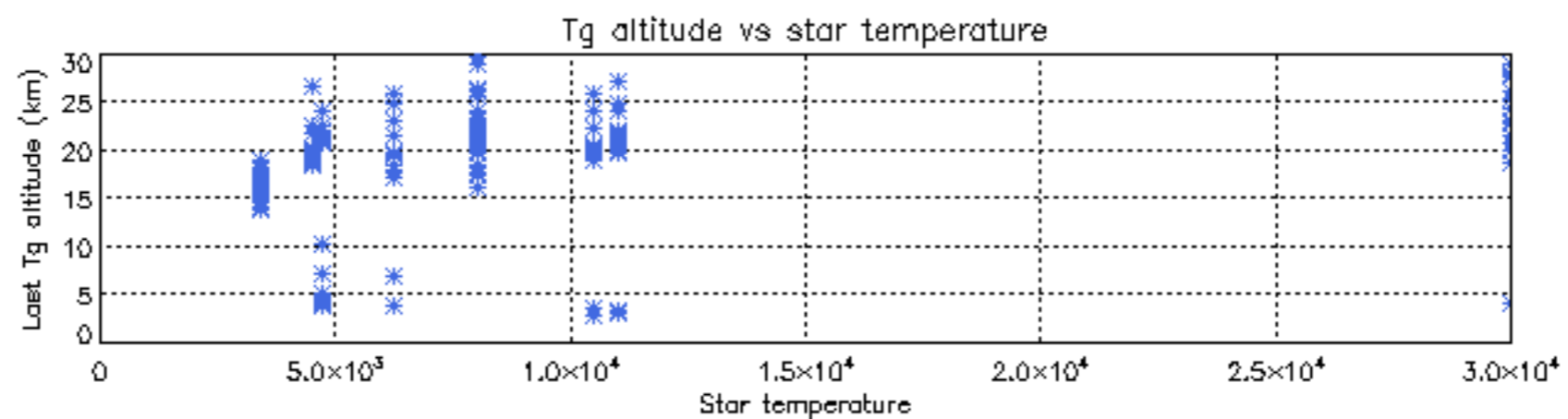
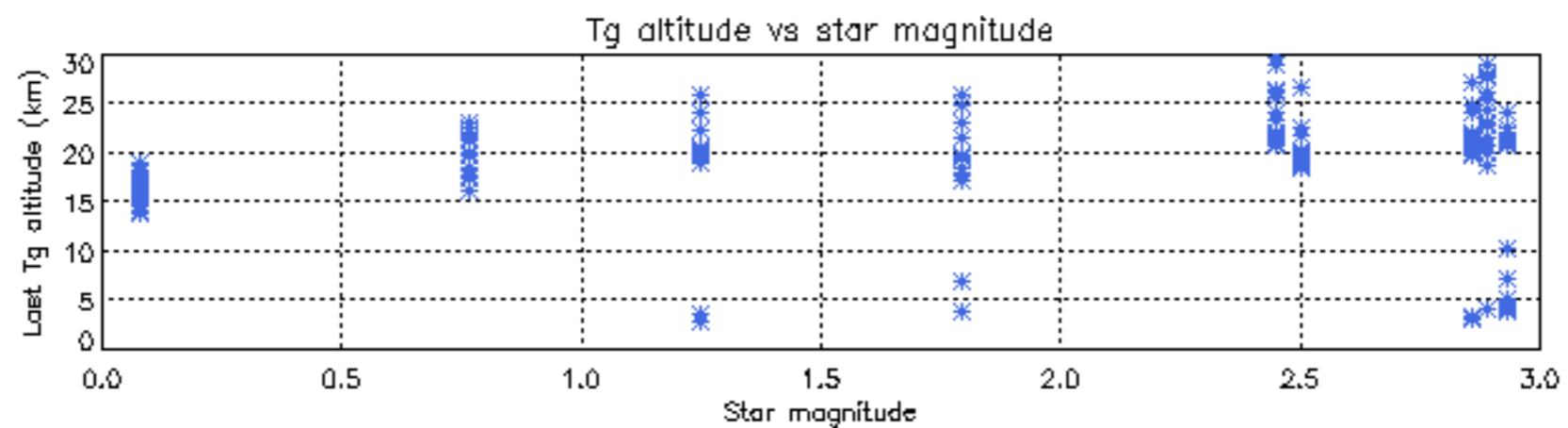
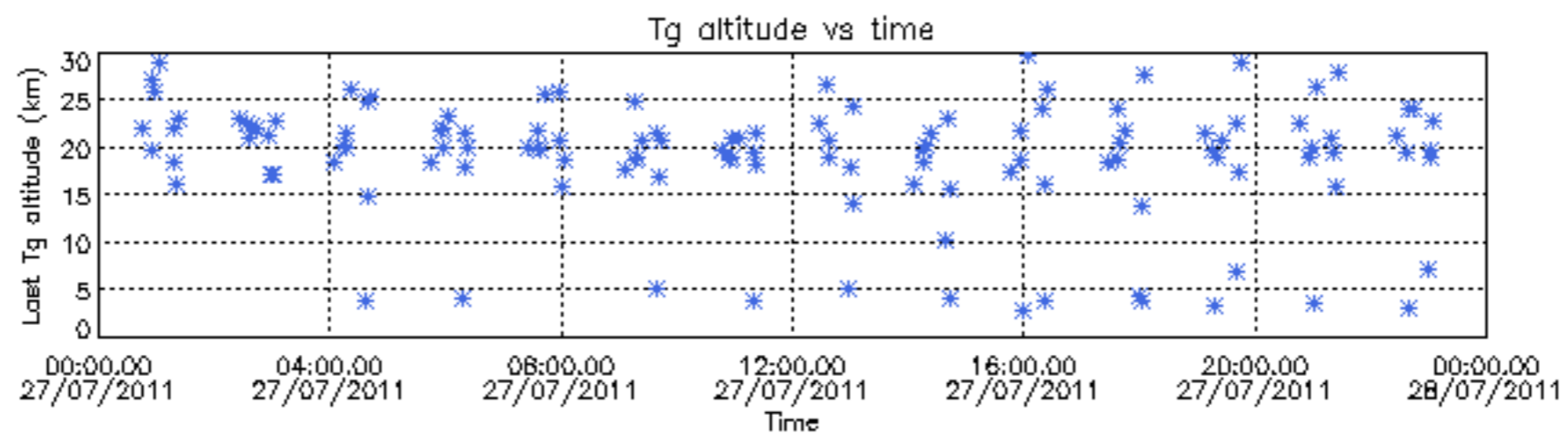
Percentage of saturation errors per profile



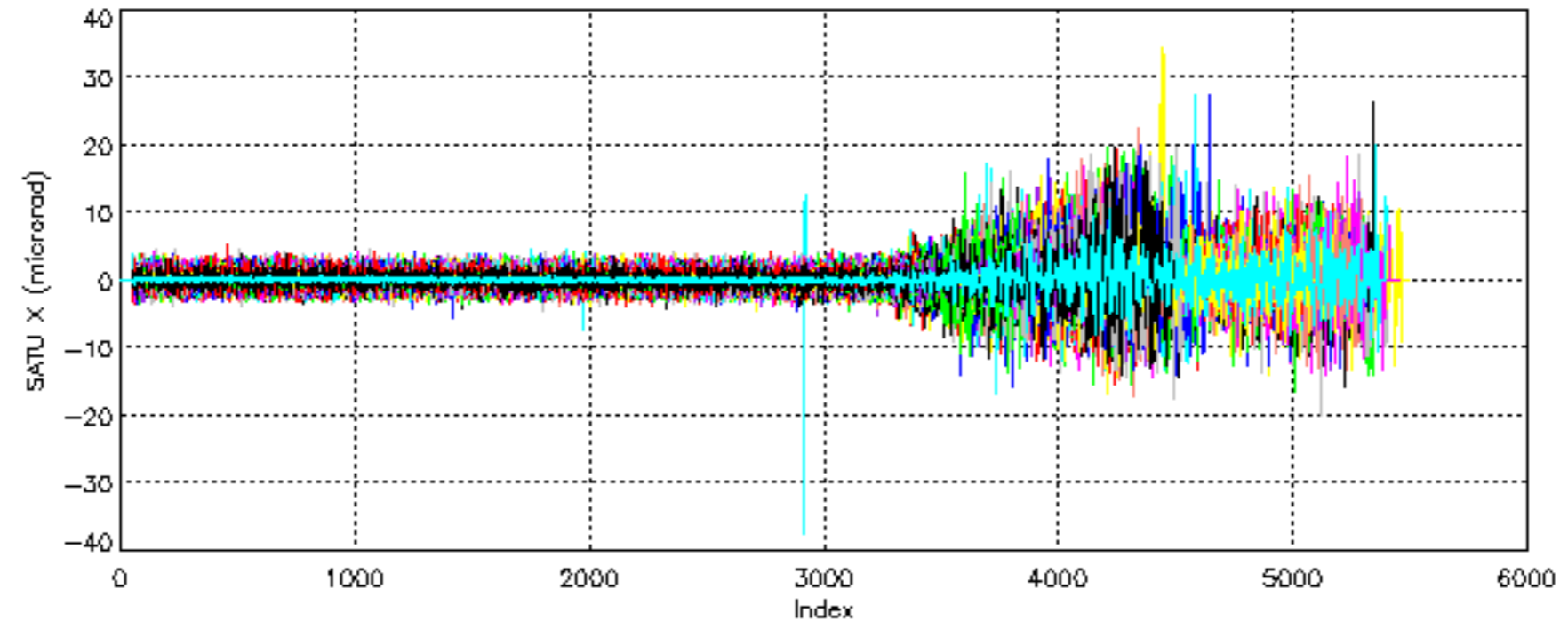
Tangent altitude at which the star is lost

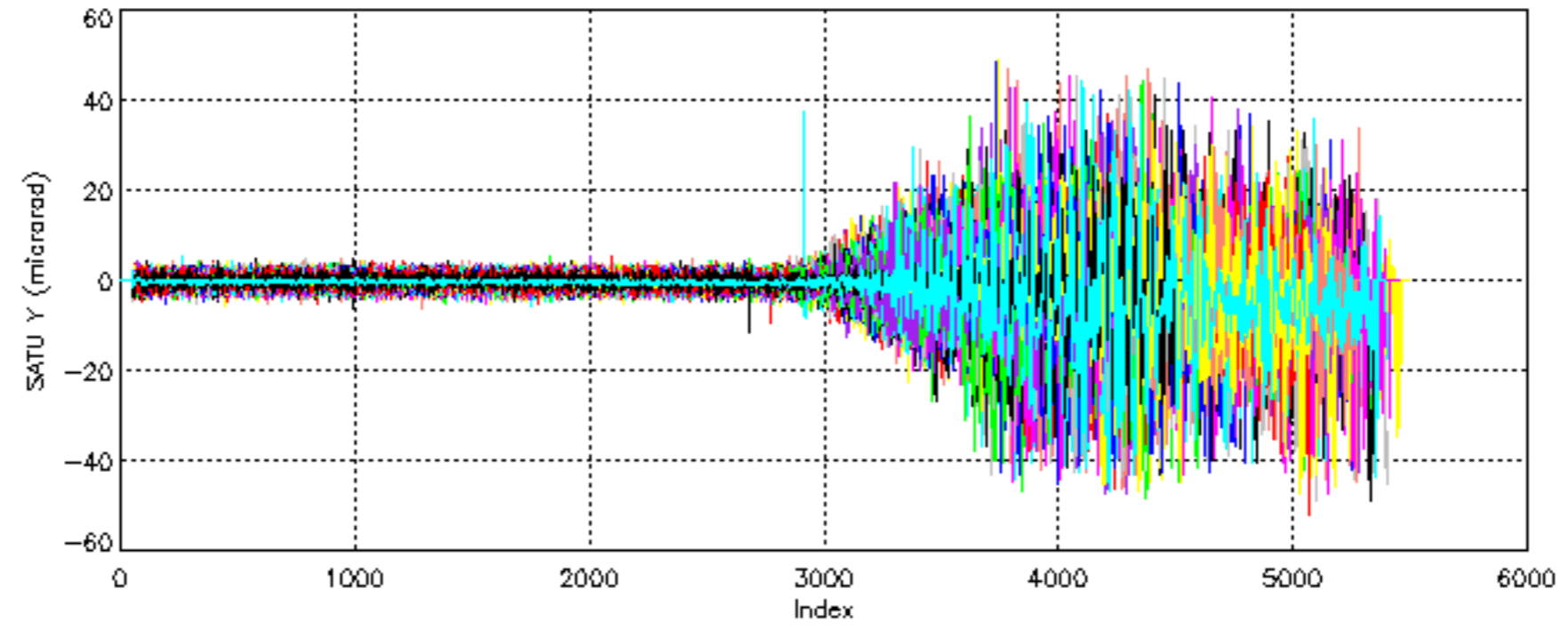


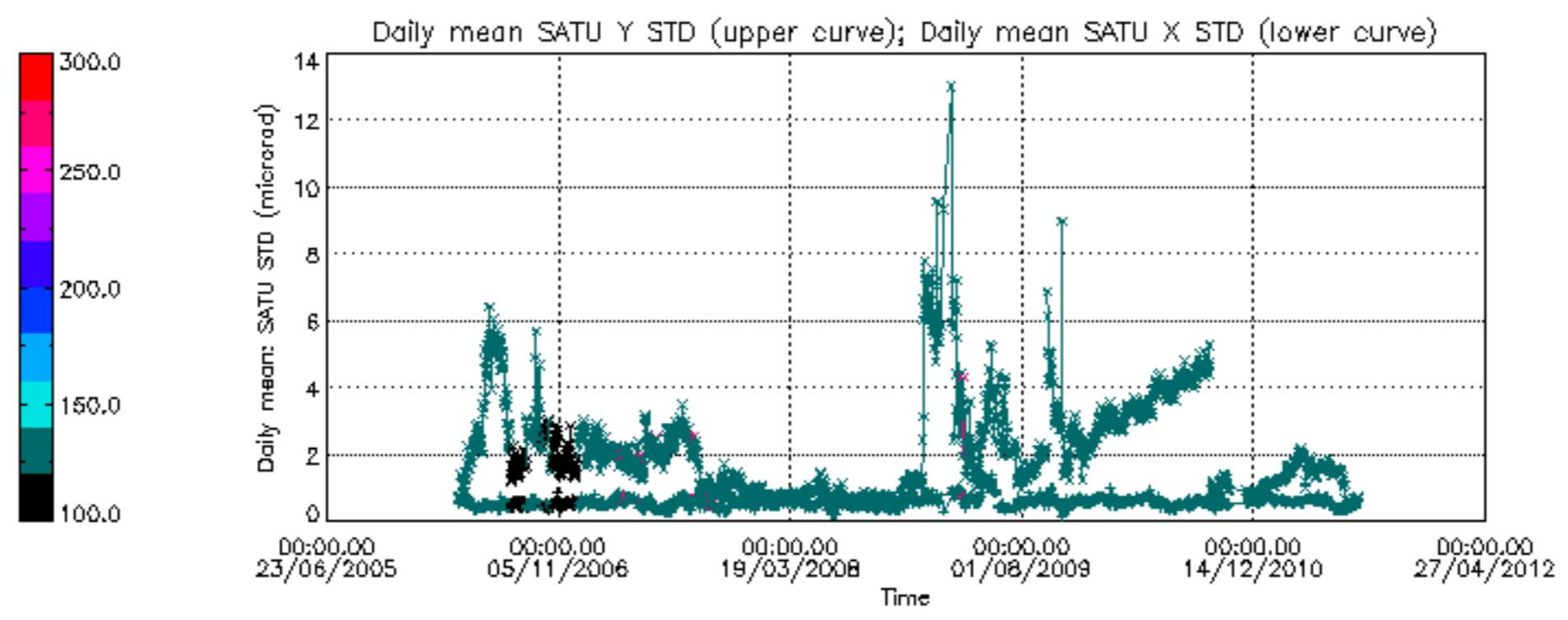
Tangent altitude at which the star is lost



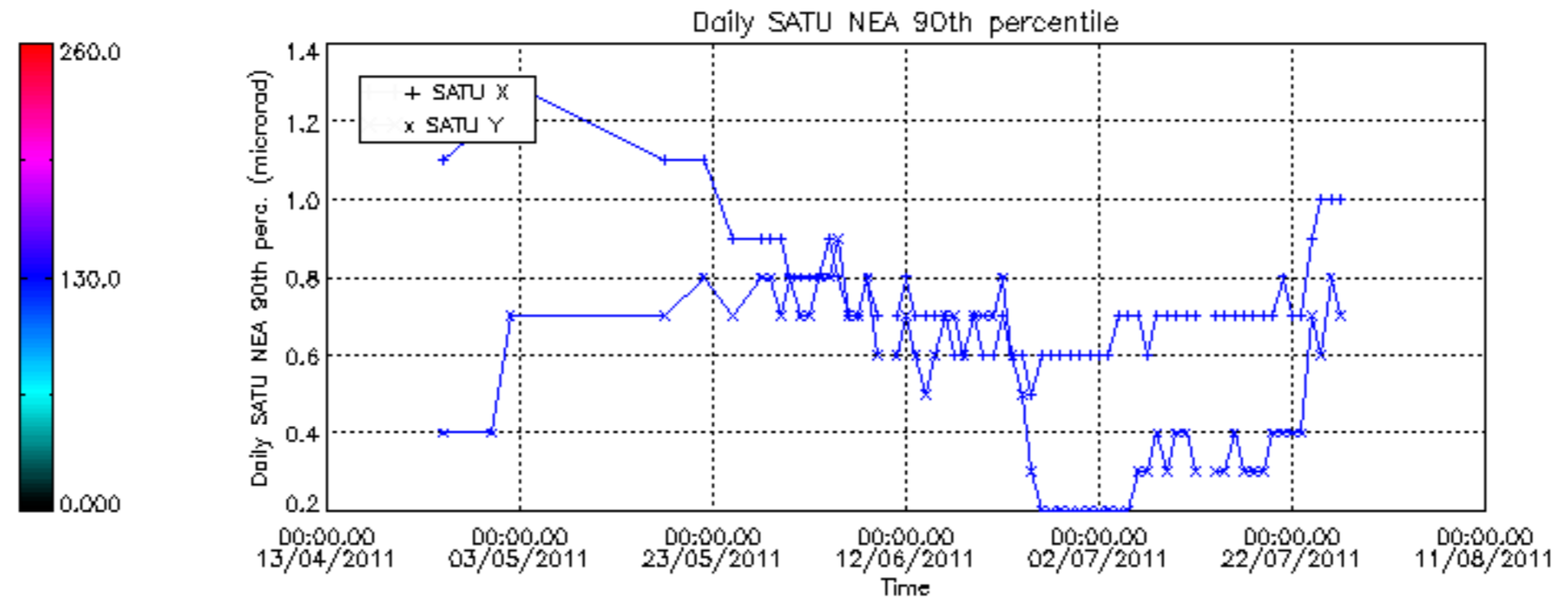












```

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110701_023439_000038843104_00089_48810_6026.N1
 1; -520.5; 01-JUL-2011 02:34:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48810
 2; 104.4; 01-JUL-2011 02:45:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;48811
 3; 491.2; 01-JUL-2011 02:51:31; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;48811
 4; 606.4; 01-JUL-2011 02:53:26; Dark ; 53.0; 31; Alp Gru ; 1.73; 15200;occ; 106; 0;48811
 5; 744.1; 01-JUL-2011 02:55:43; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;48811
 6; 1308.9; 01-JUL-2011 03:05:08; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;48811
 7; 1472.5; 01-JUL-2011 03:07:52; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;48811
 8; 1969.7; 01-JUL-2011 03:16:09; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;48811
 9; 2108.6; 01-JUL-2011 03:18:28; Bright; 38.5; 59; 55Alp Oph ; 2.08; 8900;occ; 77; 0;48811
10; 2210.9; 01-JUL-2011 03:20:10; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;48811
11; 2630.2; 01-JUL-2011 03:27:10; Bright; 45.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 91; 0;48811
12; 2791.4; 01-JUL-2011 03:29:51; Bright; 34.0; 130; 23Bet Dra ; 2.80; 5800;occ; 68; 0;48811
13; 2894.4; 01-JUL-2011 03:31:34; Bright; 63.0; 144; 18Del Cyg ; 2.86; 11000;occ; 126; 0;48811
14; 3316.2; 01-JUL-2011 03:38:36; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;48811
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 1;-2256.8; 01-JUL-2011 03:45:57; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;48811
 2;-2161.3; 01-JUL-2011 03:47:32; Bright; 44.5; 110; 37Del Cas ; 2.68; 8900;occ; 89; 0;48811
 3;-1972.6; 01-JUL-2011 03:50:41; Bright; 56.0; 160; 23Gam Per ; 2.93; 4700;occ; 112; 0;48811
 4;-1868.4; 01-JUL-2011 03:52:25; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;48811
 5;-1770.7; 01-JUL-2011 03:54:03; Bright; 66.0; 73; 57Gam1And ; 2.26; 13100;occ; 132; 0;48811
 6;-1611.4; 01-JUL-2011 03:56:42; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;48811
 7;-1354.4; 01-JUL-2011 04:00:59; Dark ; 57.5; 50; 13Alp Ari ; 2.01; 4250;occ; 115; 0;48811
 8;-1054.6; 01-JUL-2011 04:05:59; Dark ; 47.0; 94; 92Alp Cet ; 2.53; 3100;occ; 94; 0;48811
 9; -519.6; 01-JUL-2011 04:14:54; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;48811
10; 105.4; 01-JUL-2011 04:25:19; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;48812
11; 492.2; 01-JUL-2011 04:31:46; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;48812
12; 607.4; 01-JUL-2011 04:33:41; Dark ; 52.5; 31; Alp Gru ; 1.73; 15200;occ; 105; 0;48812
13; 744.7; 01-JUL-2011 04:35:58; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;48812
14; 1309.2; 01-JUL-2011 04:45:23; Dark ; 44.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 89; 0;48812
15; 1472.7; 01-JUL-2011 04:48:06; Bright; 43.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 87; 0;48812
16; 1969.8; 01-JUL-2011 04:56:23; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;48812
17; 2108.5; 01-JUL-2011 04:58:42; Bright; 37.5; 59; 55Alp Oph ; 2.08; 8900;occ; 75; 0;48812
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 9; 3300.2; 02-JUL-2011 19:43:55; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;48835
10; 3744.1; 02-JUL-2011 19:51:19; Bright; 27.0; 74; 11Bet Cas ; 2.27; 6600;occ; 54; 0;48835
11; 3799.0; 02-JUL-2011 19:52:14; Bright; 65.0; 76; 27Gam Cas ; 2.30; 30000;occ; 130; 0;48835
12; 4039.7; 02-JUL-2011 19:56:15; Bright; 57.0; 160; 23Gam Per ; 2.93; 4700;occ; 114; 0;48835
13; 4146.4; 02-JUL-2011 19:58:02; Bright; 32.5; 175; 39Del Per ; 3.01; 19400;occ; 65; 0;48835
14; 4241.3; 02-JUL-2011 19:59:37; Bright; 65.0; 73; 57Gam1And ; 2.26; 13100;occ; 130; 0;48835
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 5; 3113.5; 25-JUL-2011 02:15:23; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;49155

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7; 3985.4; 25-JUL-2011 02:29:55; Bright; 45.0; 160; 23Gam Per ; 2.93; 4700;occ; 90; 0;49155  
8; 4077.0; 25-JUL-2011 02:31:26; Bright; 46.5; 35; 33Alp Per ; 1.79; 6250;occ; 93; 0;49155  
9; 4177.1; 25-JUL-2011 02:33:06; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;49155  
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20; 6928.1; 31-JUL-2011 14:40:37; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;49249
21; 7115.6; 31-JUL-2011 14:43:45; Dark ; 45.0; 172; Gam Gru ; 3.00; 13100;occ; 90; 0;49249
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1; 2046.3; 31-JUL-2011 14:59:29; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;49249
2; 2560.8; 31-JUL-2011 15:08:04; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;49249
3; 2678.4; 31-JUL-2011 15:10:02; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;49249
4; 3071.2; 31-JUL-2011 15:16:34; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;49249
5; 3954.8; 31-JUL-2011 15:31:18; Bright; 70.0; 160; 23Gam Per ; 2.93; 4700;occ; 140; 0;49249
6; 4054.4; 31-JUL-2011 15:32:58; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;49249
7; 4179.8; 31-JUL-2011 15:35:03; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;49249
8; 4292.2; 31-JUL-2011 15:36:55; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;49249
9; 4493.4; 31-JUL-2011 15:40:17; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49249
10; 4618.5; 31-JUL-2011 15:42:22; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;49249
11; 4768.2; 31-JUL-2011 15:44:51; Dark ; 57.5; 13; 87Alp Tau ; 0.87; 3800;occ; 115; 0;49249
12; 4888.6; 31-JUL-2011 15:46:52; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;49249
13; 4993.4; 31-JUL-2011 15:48:37; Dark ; 43.5; 72; 34Del Ori ; 2.25; 30000;occ; 87; 0;49249
14; 5151.5; 31-JUL-2011 15:51:15; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;49249
15; 5427.4; 31-JUL-2011 15:55:51; Dark ; 54.0; 165; 34Gam Eri ; 2.95; 3200;occ; 108; 0;49249
16; 5717.9; 31-JUL-2011 16:00:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49249
17; 5991.3; 31-JUL-2011 16:05:15; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;49249
18; 6319.5; 31-JUL-2011 16:10:43; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;49250
19; 6606.3; 31-JUL-2011 16:15:30; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49250
20; 6928.8; 31-JUL-2011 16:20:52; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49250

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21; 7115.9; 31-JUL-2011 16:23:59; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;49250

