

# GOMOS Daily Report 08-APR-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	10APR2011 07:01:26
Data source version	GOMOS/5.01
Start time of products	08APR2011 00:06:01
Stop time of products	08APR2011 23:50:13
Store outputs in DB	Yes
Nb of level 1b prods	229
Nb of prods with errors	2

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

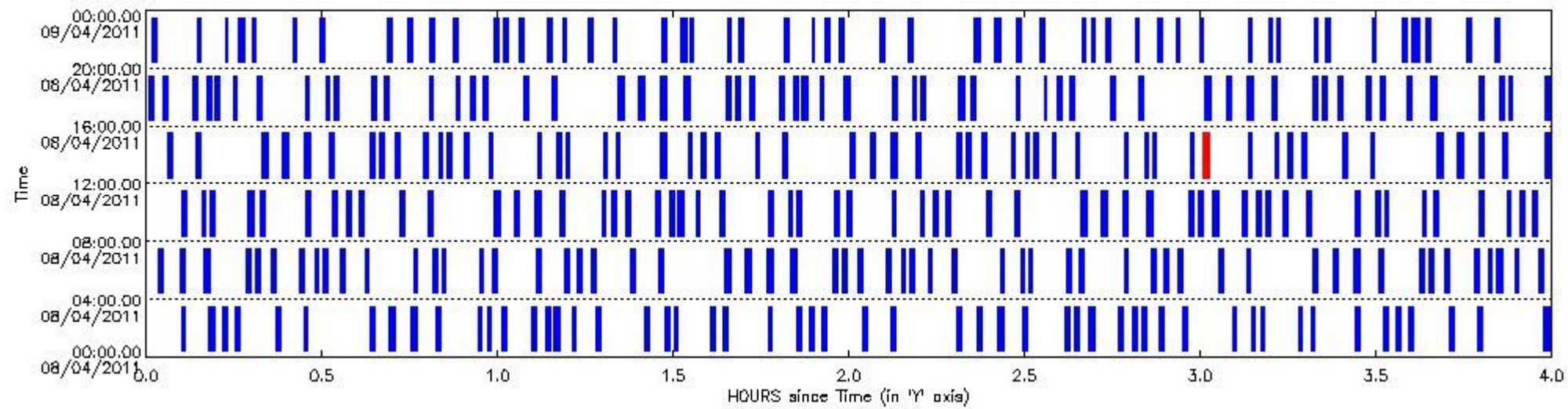
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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
08-APR-2011 15:00:25	14EtaDra	119	47611

### 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_1PNPDE20110408_000601_000000393101_00174_47602_3587.N1	08-APR-2011 00:06:01	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	47602	No
2	GOM_TRA_1PNPDE20110408_001044_000000593101_00174_47602_3588.N1	08-APR-2011 00:10:44	Bright	59.000	144	18Del Cyg	2.8600	11000.	118	47602	No
3	GOM_TRA_1PNPDE20110408_001255_000000483101_00174_47602_3589.N1	08-APR-2011 00:12:55	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	47602	No
4	GOM_TRA_1PNPDE20110408_001510_000000473101_00174_47602_3590.N1	08-APR-2011 00:15:10	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	47602	No
5	GOM_TRA_1PNPDE20110408_002204_000000483101_00174_47602_3591.N1	08-APR-2011 00:22:04	Twilight	48.000	61	8Eps Peg	2.1000	3900.0	96	47602	No
6	GOM_TRA_1PNPDE20110408_002651_000000463101_00174_47602_3592.N1	08-APR-2011 00:26:51	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	47602	No
7	GOM_TRA_1PNPDE20110408_004131_000000573101_00174_47602_3593.N1	08-APR-2011 00:41:31	Dark	57.000	103	38Zet Sgr	2.6000	9700.0	114	47602	No
8	GOM_TRA_1PNPDE20110408_004509_000000643101_00175_47603_3594.N1	08-APR-2011 00:45:09	Dark	63.500	38	20Eps Sgr	1.8360	11000.	127	47603	No
9	GOM_TRA_1PNPDE20110408_004920_000000593101_00175_47603_3595.N1	08-APR-2011 00:49:20	Dark	58.500	25	35Lam Sco	1.6200	28000.	117	47603	No
10	GOM_TRA_1PNPDE20110408_005634_000000453101_00175_47603_3596.N1	08-APR-2011 00:56:34	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	47603	No

11	GOM_TRA_1PNPDE20110408_005810_000000453101_00175_47603_3597.N1	08-APR-2011 00:58:10	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	47603	No
12	GOM_TRA_1PNPDE20110408_010042_000000493101_00175_47603_3598.N1	08-APR-2011 01:00:42	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	47603	No
13	GOM_TRA_1PNPDE20110408_010544_000000463101_00175_47603_3599.N1	08-APR-2011 01:05:44	Twilight_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	47603	No
14	GOM_TRA_1PNPDE20110408_010814_000000423101_00175_47603_3600.N1	08-APR-2011 01:08:14	Twilight_and_stray	41.500	163	7Del Crv	2.9450	11000.	83	47603	No
15	GOM_TRA_1PNPDE20110408_010938_000000523101_00175_47603_3601.N1	08-APR-2011 01:09:38	Bright	51.500	15	67Alp Vir	0.97600	28000.	103	47603	No
16	GOM_TRA_1PNPDE20110408_011244_000000413101_00175_47603_3602.N1	08-APR-2011 01:12:44	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	47603	No
17	GOM_TRA_1PNPDE20110408_011651_000000433101_00175_47603_3603.N1	08-APR-2011 01:16:51	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	47603	No
18	GOM_TRA_1PNPDE20110408_012510_000000423101_00175_47603_3604.N1	08-APR-2011 01:25:10	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	47603	No
19	GOM_TRA_1PNPDE20110408_012834_000000513101_00175_47603_3605.N1	08-APR-2011 01:28:34	Bright	51.000	87	64Gam UMa	2.4330	11000.	102	47603	No
20	GOM_TRA_1PNPDE20110408_013003_000000403101_00175_47603_3606.N1	08-APR-2011 01:30:03	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	47603	No
21	GOM_TRA_1PNPDE20110408_013627_000000363101_00175_47603_3607.N1	08-APR-2011 01:36:27	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	47603	No
22	GOM_TRA_1PNPDE20110408_013835_000000453101_00175_47603_3608.N1	08-APR-2011 01:38:35	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47603	No
23	GOM_TRA_1PNPDE20110408_014615_000000393101_00175_47603_3609.N1	08-APR-2011 01:46:15	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	47603	No
24	GOM_TRA_1PNPDE20110408_015058_000000493101_00175_47603_3610.N1	08-APR-2011 01:50:58	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	47603	No
25	GOM_TRA_1PNPDE20110408_015309_000000493101_00175_47603_3611.N1	08-APR-2011 01:53:09	Bright	49.000	66	37Gam Cyg	2.2080	5900.0	98	47603	No
26	GOM_TRA_1PNPDE20110408_015524_000000463101_00175_47603_3612.N1	08-APR-2011 01:55:24	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	47603	No
27	GOM_TRA_1PNPDE20110408_020218_000000473101_00175_47603_3613.N1	08-APR-2011 02:02:18	Twilight_and_stray	46.500	61	8Eps Peg	2.1000	3900.0	93	47603	No
28	GOM_TRA_1PNPDE20110408_020705_000000473101_00175_47603_3622.N1	08-APR-2011 02:07:05	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	47603	Yes
29	GOM_TRA_1PNPDE20110408_022146_000000593101_00175_47603_3623.N1	08-APR-2011 02:21:46	Dark	58.500	103	38Zet Sgr	2.6000	9700.0	117	47603	No
30	GOM_TRA_1PNPDE20110408_022524_000000593101_00176_47604_3624.N1	08-APR-2011 02:25:24	Dark	58.500	38	20Eps Sgr	1.8360	11000.	117	47604	No
31	GOM_TRA_1PNPDE20110408_022935_000000583101_00176_47604_3625.N1	08-APR-2011 02:29:35	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	47604	No
32	GOM_TRA_1PNPDE20110408_023649_000000453101_00176_47604_3626.N1	08-APR-2011 02:36:49	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	47604	No
33	GOM_TRA_1PNPDE20110408_023825_000000483101_00176_47604_3627.N1	08-APR-2011 02:38:25	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	47604	No
34	GOM_TRA_1PNPDE20110408_024057_000000543101_00176_47604_3628.N1	08-APR-2011 02:40:57	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	47604	No
35	GOM_TRA_1PNPDE20110408_024558_000000473101_00176_47604_3629.N1	08-APR-2011 02:45:58	Twilight_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	47604	No
36	GOM_TRA_1PNPDE20110408_024829_000000453101_00176_47604_3630.N1	08-APR-2011 02:48:29	Twilight_and_stray	45.000	163	7Del Crv	2.9450	11000.	90	47604	No
37	GOM_TRA_1PNPDE20110408_024952_000000533101_00176_47604_3631.N1	08-APR-2011 02:49:52	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	47604	No
38	GOM_TRA_1PNPDE20110408_025259_000000403101_00176_47604_3632.N1	08-APR-2011 02:52:59	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	47604	No
39	GOM_TRA_1PNPDE20110408_025705_000000433101_00176_47604_3633.N1	08-APR-2011 02:57:05	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	47604	No
40	GOM_TRA_1PNPDE20110408_030524_000000423101_00176_47604_3634.N1	08-APR-2011 03:05:24	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	47604	No
41	GOM_TRA_1PNPDE20110408_030848_000000363101_00176_47604_3635.N1	08-APR-2011 03:08:48	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	47604	No
42	GOM_TRA_1PNPDE20110408_031016_000000433101_00176_47604_3636.N1	08-APR-2011 03:10:16	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	47604	No
43	GOM_TRA_1PNPDE20110408_031641_000000423101_00176_47604_3637.N1	08-APR-2011 03:16:41	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	47604	No
44	GOM_TRA_1PNPDE20110408_031848_000000473101_00176_47604_3638.N1	08-APR-2011 03:18:48	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47604	No
45	GOM_TRA_1PNPDE20110408_032629_000000393101_00176_47604_3642.N1	08-APR-2011 03:26:29	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	47604	No
46	GOM_TRA_1PNPDE20110408_033111_000000543101_00176_47604_3643.N1	08-APR-2011 03:31:11	Bright	54.000	144	18Del Cyg	2.8600	11000.	108	47604	No
47	GOM_TRA_1PNPDE20110408_033323_000000503101_00176_47604_3644.N1	08-APR-2011 03:33:23	Bright	50.000	66	37Gam Cyg	2.2080	5900.0	100	47604	No
48	GOM_TRA_1PNPDE20110408_033538_000000493101_00176_47604_3645.N1	08-APR-2011 03:35:38	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	47604	No
49	GOM_TRA_1PNPDE20110408_034232_000000473101_00176_47604_3646.N1	08-APR-2011 03:42:32	Twilight_and_stray	47.000	61	8Eps Peg	2.1000	3900.0	94	47604	No
50	GOM_TRA_1PNPDE20110408_034720_000000473101_00176_47604_3647.N1	08-APR-2011 03:47:20	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	47604	No
51	GOM_TRA_1PNPDE20110408_040202_000000563101_00176_47604_3648.N1	08-APR-2011 04:02:02	Dark	55.500	103	38Zet Sgr	2.6000	9700.0	111	47604	No
52	GOM_TRA_1PNPDE20110408_040540_000000603101_00177_47605_3649.N1	08-APR-2011 04:05:40	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	47605	No
53	GOM_TRA_1PNPDE20110408_040950_000000583101_00177_47605_3650.N1	08-APR-2011 04:09:50	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	47605	No
54	GOM_TRA_1PNPDE20110408_041703_000000433101_00177_47605_3651.N1	08-APR-2011 04:17:03	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	47605	No
55	GOM_TRA_1PNPDE20110408_041840_000000443101_00177_47605_3652.N1	08-APR-2011 04:18:40	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	47605	No
56	GOM_TRA_1PNPDE20110408_042111_000000513101_00177_47605_3653.N1	08-APR-2011 04:21:11	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	47605	No
57	GOM_TRA_1PNPDE20110408_042613_000000503101_00177_47605_3654.N1	08-APR-2011 04:26:13	Twilight_and_stray	50.000	169	46Gam Hya	2.9910	4700.0	100	47605	No
58	GOM_TRA_1PNPDE20110408_042843_000000433101_00177_47605_3655.N1	08-APR-2011 04:28:43	Twilight_and_stray	42.500	163	7Del Crv	2.9450	11000.	85	47605	No
59	GOM_TRA_1PNPDE20110408_043006_000000563101_00177_47605_3656.N1	08-APR-2011 04:30:06	Bright	56.000	15	67Alp Vir	0.97600	28000.	112	47605	No
60	GOM_TRA_1PNPDE20110408_043312_000000413101_00177_47605_3657.N1	08-APR-2011 04:33:12	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	47605	No
61	GOM_TRA_1PNPDE20110408_043718_000000433101_00177_47605_3658.N1	08-APR-2011 04:37:18	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	47605	No
62	GOM_TRA_1PNPDE20110408_044538_000000423101_00177_47605_3659.N1	08-APR-2011 04:45:38	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	47605	No
63	GOM_TRA_1PNPDE20110408_044902_000000373101_00177_47605_3660.N1	08-APR-2011 04:49:02	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	47605	No
64	GOM_TRA_1PNPDE20110408_045030_000000403101_00177_47605_3661.N1	08-APR-2011 04:50:30	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	47605	No
65	GOM_TRA_1PNPDE20110408_045654_000000413101_00177_47605_3662.N1	08-APR-2011 04:56:54	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	47605	No
66	GOM_TRA_1PNPDE20110408_045901_000000473101_00177_47605_3663.N1	08-APR-2011 04:59:01	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47605	No
67	GOM_TRA_1PNPDE20110408_050642_000000393101_00177_47605_3669.N1	08-APR-2011 05:06:42	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	47605	No
68	GOM_TRA_1PNPDE20110408_051125_000000533101_00177_47605_3670.N1	08-APR-2011 05:11:25	Bright	52.500	144	18Del Cyg	2.8600	11000.	105	47605	No
69	GOM_TRA_1PNPDE20110408_051337_000000493101_00177_47605_3671.N1	08-APR-2011 05:13:37	Bright	49.000	66	37Gam Cyg	2.2080	5900.0	98	47605	No



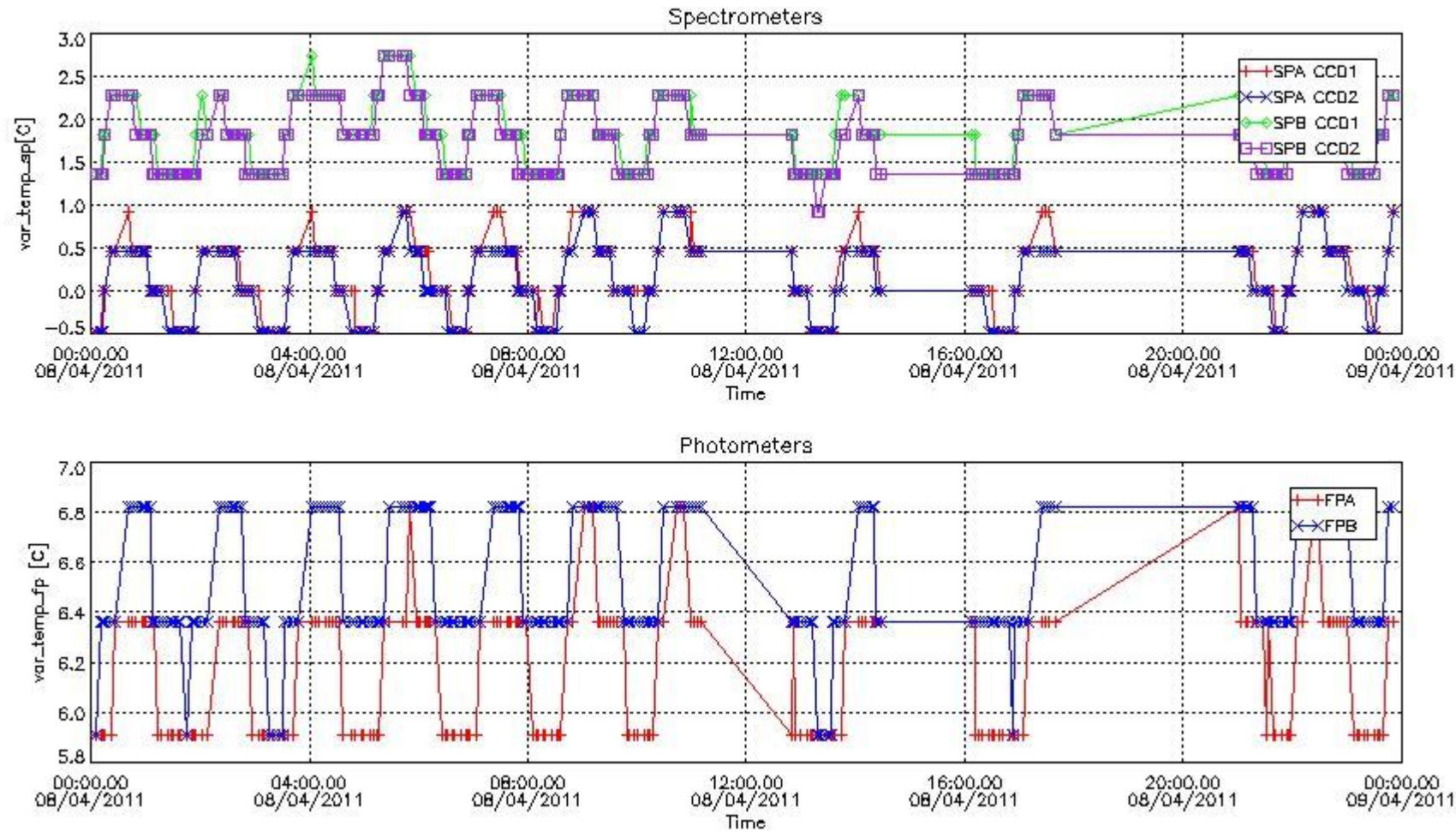
70	GOM_TRA_1PNPDE20110408_051552_000000483101_00177_47605_3672.N1	08-APR-2011 05:15:52	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	47605	No
71	GOM_TRA_1PNPDE20110408_052247_000000483101_00177_47605_3673.N1	08-APR-2011 05:22:47	Twilight	47.500	61	8Eps Peg	2.1000	3900.0	95	47605	No
72	GOM_TRA_1PNPDE20110408_052734_000000463101_00177_47605_3674.N1	08-APR-2011 05:27:34	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	47605	No
73	GOM_TRA_1PNPDE20110408_054217_000000563101_00177_47605_3675.N1	08-APR-2011 05:42:17	Dark	55.500	103	38Zet Sgr	2.6000	9700.0	111	47605	No
74	GOM_TRA_1PNPDE20110408_054555_000000603101_00178_47606_3676.N1	08-APR-2011 05:45:55	Dark	59.500	38	20Eps Sgr	1.8360	11000.	119	47606	No
75	GOM_TRA_1PNPDE20110408_055006_000000573101_00178_47606_3677.N1	08-APR-2011 05:50:06	Dark	57.000	25	35Lam Sco	1.6200	28000.	114	47606	No
76	GOM_TRA_1PNPDE20110408_055718_000000453101_00178_47606_3678.N1	08-APR-2011 05:57:18	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	47606	No
77	GOM_TRA_1PNPDE20110408_055854_000000453101_00178_47606_3679.N1	08-APR-2011 05:58:54	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	47606	No
78	GOM_TRA_1PNPDE20110408_060126_000000513101_00178_47606_3680.N1	08-APR-2011 06:01:26	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	47606	No
79	GOM_TRA_1PNPDE20110408_060627_000000463101_00178_47606_3681.N1	08-APR-2011 06:06:27	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	47606	No
80	GOM_TRA_1PNPDE20110408_060857_000000423101_00178_47606_3682.N1	08-APR-2011 06:08:57	Twilight	42.000	163	7Del Crv	2.9450	11000.	84	47606	No
81	GOM_TRA_1PNPDE20110408_061020_000000533101_00178_47606_3683.N1	08-APR-2011 06:10:20	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	47606	No
82	GOM_TRA_1PNPDE20110408_061327_000000413101_00178_47606_3684.N1	08-APR-2011 06:13:27	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	47606	No
83	GOM_TRA_1PNPDE20110408_061732_000000493101_00178_47606_3685.N1	08-APR-2011 06:17:32	Bright	49.000	138	47Eps Vir	2.8280	4700.0	98	47606	No
84	GOM_TRA_1PNPDE20110408_062551_000000393101_00178_47606_3686.N1	08-APR-2011 06:25:51	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	47606	No
85	GOM_TRA_1PNPDE20110408_062916_000000373101_00178_47606_3687.N1	08-APR-2011 06:29:16	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	47606	No
86	GOM_TRA_1PNPDE20110408_063044_000000393101_00178_47606_3688.N1	08-APR-2011 06:30:44	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	47606	No
87	GOM_TRA_1PNPDE20110408_063708_000000413101_00178_47606_3689.N1	08-APR-2011 06:37:08	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	47606	No
88	GOM_TRA_1PNPDE20110408_063915_000000473101_00178_47606_3690.N1	08-APR-2011 06:39:15	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47606	No
89	GOM_TRA_1PNPDK20110408_064656_000000453101_00178_47606_1053.N1	08-APR-2011 06:46:56	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	47606	No
90	GOM_TRA_1PNPDK20110408_065139_000000483101_00178_47606_1054.N1	08-APR-2011 06:51:39	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	47606	No
91	GOM_TRA_1PNPDK20110408_065351_000000503101_00178_47606_1055.N1	08-APR-2011 06:53:51	Bright	49.500	66	37Gam Cyg	2.2080	5900.0	99	47606	No
92	GOM_TRA_1PNPDK20110408_065606_000000473101_00178_47606_1056.N1	08-APR-2011 06:56:06	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	47606	No
93	GOM_TRA_1PNPDK20110408_070301_000000483101_00178_47606_1057.N1	08-APR-2011 07:03:01	Twilight	48.000	61	8Eps Peg	2.1000	3900.0	96	47606	No
94	GOM_TRA_1PNPDK20110408_070749_000000463101_00178_47606_1058.N1	08-APR-2011 07:07:49	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	47606	No
95	GOM_TRA_1PNPDK20110408_072233_000000593101_00178_47606_1059.N1	08-APR-2011 07:22:33	Dark	59.000	103	38Zet Sgr	2.6000	9700.0	118	47606	No
96	GOM_TRA_1PNPDK20110408_072611_000000593101_00179_47607_1060.N1	08-APR-2011 07:26:11	Dark	58.500	38	20Eps Sgr	1.8360	11000.	117	47607	No
97	GOM_TRA_1PNPDK20110408_073021_000000573101_00179_47607_1061.N1	08-APR-2011 07:30:21	Dark	57.000	25	35Lam Sco	1.6200	28000.	114	47607	No
98	GOM_TRA_1PNPDK20110408_073733_000000453101_00179_47607_1062.N1	08-APR-2011 07:37:33	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	47607	No
99	GOM_TRA_1PNPDK20110408_073909_000000483101_00179_47607_1063.N1	08-APR-2011 07:39:09	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	47607	No
100	GOM_TRA_1PNPDK20110408_074140_000000493101_00179_47607_1064.N1	08-APR-2011 07:41:40	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	47607	No
101	GOM_TRA_1PNPDK20110408_074641_000000503101_00179_47607_1065.N1	08-APR-2011 07:46:41	Twilight	49.500	169	46Gam Hya	2.9910	4700.0	99	47607	No
102	GOM_TRA_1PNPDK20110408_074911_000000403101_00179_47607_1066.N1	08-APR-2011 07:49:11	Twilight	40.000	163	7Del Crv	2.9450	11000.	80	47607	No
103	GOM_TRA_1PNPDK20110408_075034_000000223101_00179_47607_1067.N1	08-APR-2011 07:50:34	Twilight	21.500	15	67Alp Vir	0.97600	28000.	43	47607	No
104	GOM_TRA_1PNPDK20110408_075034_000000563101_00179_47607_1101.N1	08-APR-2011 07:50:34	Bright	55.500	15	67Alp Vir	0.97600	28000.	111	47607	No
105	GOM_TRA_1PNPDK20110408_075340_000000413101_00179_47607_1102.N1	08-APR-2011 07:53:40	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	47607	No
106	GOM_TRA_1PNPDK20110408_075746_000000433101_00179_47607_1103.N1	08-APR-2011 07:57:46	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	47607	No
107	GOM_TRA_1PNPDK20110408_080605_000000403101_00179_47607_1104.N1	08-APR-2011 08:06:05	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	47607	No
108	GOM_TRA_1PNPDK20110408_080930_000000383101_00179_47607_1105.N1	08-APR-2011 08:09:30	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	47607	No
109	GOM_TRA_1PNPDK20110408_081057_000000413101_00179_47607_1106.N1	08-APR-2011 08:10:57	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	47607	No
110	GOM_TRA_1PNPDK20110408_081722_000000583101_00179_47607_1107.N1	08-APR-2011 08:17:22	Bright	58.000	60	7Bet UMi	2.0810	3950.0	116	47607	No
111	GOM_TRA_1PNPDK20110408_081928_000000473101_00179_47607_1108.N1	08-APR-2011 08:19:28	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47607	No
112	GOM_TRA_1PNPDK20110408_082710_000000493101_00179_47607_1109.N1	08-APR-2011 08:27:10	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	47607	No
113	GOM_TRA_1PNPDK20110408_083153_000000483101_00179_47607_1110.N1	08-APR-2011 08:31:53	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	47607	No
114	GOM_TRA_1PNPDK20110408_083405_000000503101_00179_47607_1111.N1	08-APR-2011 08:34:05	Bright	50.000	66	37Gam Cyg	2.2080	5900.0	100	47607	No
115	GOM_TRA_1PNPDK20110408_083621_000000483101_00179_47607_1566.N1	08-APR-2011 08:36:21	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	47607	No
116	GOM_TRA_1PNPDK20110408_084316_000000513101_00179_47607_1567.N1	08-APR-2011 08:43:16	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	47607	No
117	GOM_TRA_1PNPDK20110408_084803_000000483101_00179_47607_1568.N1	08-APR-2011 08:48:03	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	47607	No
118	GOM_TRA_1PNPDK20110408_090248_000000563101_00179_47607_1569.N1	08-APR-2011 09:02:48	Dark	55.500	103	38Zet Sgr	2.6000	9700.0	111	47607	No
119	GOM_TRA_1PNPDK20110408_090626_000000583101_00180_47608_1570.N1	08-APR-2011 09:06:26	Dark	58.000	38	20Eps Sgr	1.8360	11000.	116	47608	No
120	GOM_TRA_1PNPDK20110408_091036_000000563101_00180_47608_1571.N1	08-APR-2011 09:10:36	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	47608	No
121	GOM_TRA_1PNPDK20110408_091747_000000443101_00180_47608_1572.N1	08-APR-2011 09:17:47	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	47608	No
122	GOM_TRA_1PNPDK20110408_091923_000000463101_00180_47608_1573.N1	08-APR-2011 09:19:23	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	47608	No
123	GOM_TRA_1PNPDK20110408_092154_000000513101_00180_47608_1574.N1	08-APR-2011 09:21:54	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	47608	No
124	GOM_TRA_1PNPDK20110408_092655_000000483101_00180_47608_1575.N1	08-APR-2011 09:26:55	Twilight	47.500	169	46Gam Hya	2.9910	4700.0	95	47608	No
125	GOM_TRA_1PNPDK20110408_092925_000000403101_00180_47608_1576.N1	08-APR-2011 09:29:25	Twilight	39.500	163	7Del Crv	2.9450	11000.	79	47608	No
126	GOM_TRA_1PNPDK20110408_093048_000000513101_00180_47608_1577.N1	08-APR-2011 09:30:48	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	47608	No
127	GOM_TRA_1PNPDK20110408_093354_000000413101_00180_47608_1159.N1	08-APR-2011 09:33:54	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	47608	No
128	GOM_TRA_1PNPDK20110408_093800_000000433101_00180_47608_1160.N1	08-APR-2011 09:38:00	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	47608	No



188	GOM_TRA_1PNPDK20110408_172743_000000613101_00185_47613_1747.N1	08-APR-2011 17:27:43	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	47613	No
189	GOM_TRA_1PNPDK20110408_173153_000000533101_00185_47613_1748.N1	08-APR-2011 17:31:53	Dark	53.000	25	35Lam Sco	1.6200	28000.	106	47613	No
190	GOM_TRA_1PNPDK20110408_173900_000000453101_00185_47613_1749.N1	08-APR-2011 17:39:00	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	47613	No
191	GOM_TRA_1PNPDK20110408_174036_000000443101_00185_47613_1750.N1	08-APR-2011 17:40:36	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	47613	No
192	GOM_TRA_1PNPDE20110408_210105_000000453101_00187_47615_3809.N1	08-APR-2011 21:01:05	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	47615	No
193	GOM_TRA_1PNPDE20110408_210335_000000493101_00187_47615_3810.N1	08-APR-2011 21:03:35	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	47615	No
194	GOM_TRA_1PNPDE20110408_210835_000000473101_00187_47615_3811.N1	08-APR-2011 21:08:35	Twilight_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	47615	No
195	GOM_TRA_1PNPDE20110408_211108_000000373101_00187_47615_3812.N1	08-APR-2011 21:11:08	Twilight_stray	36.500	163	7Del Crv	2.9450	11000.	73	47615	No
196	GOM_TRA_1PNPDE20110408_211532_000000403101_00187_47615_3813.N1	08-APR-2011 21:15:32	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	47615	No
197	GOM_TRA_1PNPDE20110408_211936_000000423101_00187_47615_3814.N1	08-APR-2011 21:19:36	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	47615	No
198	GOM_TRA_1PNPDE20110408_212754_000000603101_00187_47615_3815.N1	08-APR-2011 21:27:54	Bright	60.000	152	12Alp2CVn	2.8900	11000.	120	47615	No
199	GOM_TRA_1PNPDE20110408_213121_000000543101_00187_47615_3816.N1	08-APR-2011 21:31:21	Bright	54.000	87	64Gam UMa	2.4330	11000.	108	47615	No
200	GOM_TRA_1PNPDE20110408_213247_000000383101_00187_47615_3817.N1	08-APR-2011 21:32:47	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	47615	No
201	GOM_TRA_1PNPDE20110408_213911_000000413101_00187_47615_3818.N1	08-APR-2011 21:39:11	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	47615	No
202	GOM_TRA_1PNPDE20110408_214114_000000483101_00187_47615_3819.N1	08-APR-2011 21:41:14	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	47615	No
203	GOM_TRA_1PNPDE20110408_214901_000000383101_00187_47615_3820.N1	08-APR-2011 21:49:01	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	47615	No
204	GOM_TRA_1PNPDE20110408_215342_000000263101_00187_47615_3821.N1	08-APR-2011 21:53:42	Twilight_stray	26.000	144	18Del Cyg	2.8600	11000.	52	47615	No
205	GOM_TRA_1PNPDE20110408_215556_000000493101_00187_47615_3822.N1	08-APR-2011 21:55:56	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	47615	No
206	GOM_TRA_1PNPDE20110408_215813_000000493101_00187_47615_3823.N1	08-APR-2011 21:58:13	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	47615	No
207	GOM_TRA_1PNPDE20110408_220510_000000493101_00187_47615_3824.N1	08-APR-2011 22:05:10	Twilight_stray	48.500	61	8Eps Peg	2.1000	3900.0	97	47615	No
208	GOM_TRA_1PNPDE20110408_220959_000000473101_00187_47615_3825.N1	08-APR-2011 22:09:59	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	47615	No
209	GOM_TRA_1PNPDE20110408_222451_000000583101_00188_47616_3860.N1	08-APR-2011 22:24:51	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	47616	No
210	GOM_TRA_1PNPDE20110408_222830_000000613101_00188_47616_3861.N1	08-APR-2011 22:28:30	Dark	60.500	38	20Eps Sgr	1.8360	11000.	121	47616	No
211	GOM_TRA_1PNPDE20110408_223239_000000513101_00188_47616_3862.N1	08-APR-2011 22:32:39	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	47616	No
212	GOM_TRA_1PNPDE20110408_223943_000000433101_00188_47616_3863.N1	08-APR-2011 22:39:43	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	47616	No
213	GOM_TRA_1PNPDE20110408_224119_000000463101_00188_47616_3864.N1	08-APR-2011 22:41:19	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	47616	No
214	GOM_TRA_1PNPDE20110408_224350_000000493101_00188_47616_3865.N1	08-APR-2011 22:43:50	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	47616	No
215	GOM_TRA_1PNPDE20110408_224849_000000463101_00188_47616_3866.N1	08-APR-2011 22:48:49	Twilight_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	47616	No
216	GOM_TRA_1PNPDE20110408_225240_000000543101_00188_47616_3867.N1	08-APR-2011 22:52:40	Bright	53.500	15	67Alp Vir	0.97600	28000.	107	47616	No
217	GOM_TRA_1PNPDE20110408_225546_000000403101_00188_47616_3868.N1	08-APR-2011 22:55:46	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	47616	No
218	GOM_TRA_1PNPDE20110408_225949_000000433101_00188_47616_3869.N1	08-APR-2011 22:59:49	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	47616	No
219	GOM_TRA_1PNPDE20110408_230807_000000413101_00188_47616_3870.N1	08-APR-2011 23:08:07	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	47616	No
220	GOM_TRA_1PNPDE20110408_231135_000000363101_00188_47616_3871.N1	08-APR-2011 23:11:35	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	47616	No
221	GOM_TRA_1PNPDE20110408_231300_000000413101_00188_47616_3872.N1	08-APR-2011 23:13:00	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	47616	No
222	GOM_TRA_1PNPDE20110408_231925_000000413101_00188_47616_3873.N1	08-APR-2011 23:19:25	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	47616	No
223	GOM_TRA_1PNPDE20110408_232127_000000473101_00188_47616_3874.N1	08-APR-2011 23:21:27	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47616	No
224	GOM_TRA_1PNPDE20110408_232915_000000393101_00188_47616_3875.N1	08-APR-2011 23:29:15	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	47616	No
225	GOM_TRA_1PNPDE20110408_233428_000000453101_00188_47616_3876.N1	08-APR-2011 23:34:28	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	47616	No
226	GOM_TRA_1PNPDE20110408_233610_000000693101_00188_47616_3877.N1	08-APR-2011 23:36:10	Bright	69.000	66	37Gam Cyg	2.2080	5900.0	138	47616	No
227	GOM_TRA_1PNPDE20110408_233827_000000483101_00188_47616_3878.N1	08-APR-2011 23:38:27	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	47616	No
228	GOM_TRA_1PNPDE20110408_234525_000000493101_00188_47616_3879.N1	08-APR-2011 23:45:25	Twilight_stray	49.000	61	8Eps Peg	2.1000	3900.0	98	47616	No
229	GOM_TRA_1PNPDE20110408_235013_000000443101_00188_47616_3880.N1	08-APR-2011 23:50:13	Dark	43.500	154	22Bet Aqr	2.8990	5700.0	87	47616	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).

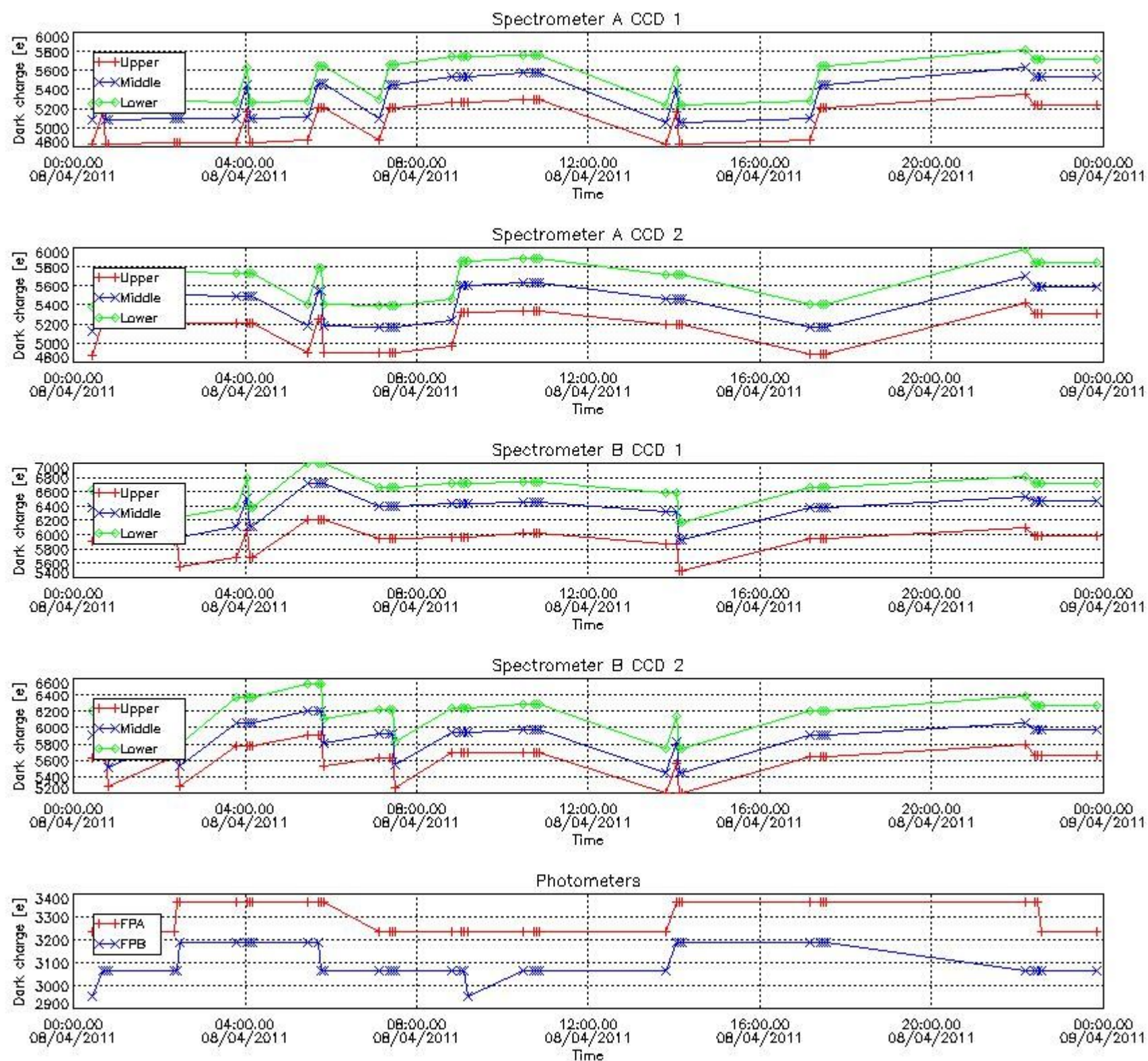
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110408_210105_000000453101_00187_47615_3809.N1	DC map used
GOM_TRA_1PNPDE20110408_210335_000000493101_00187_47615_3810.N1	DC map used
GOM_TRA_1PNPDE20110408_210835_000000473101_00187_47615_3811.N1	DC map used
GOM_TRA_1PNPDE20110408_211108_000000373101_00187_47615_3812.N1	DC map used
GOM_TRA_1PNPDE20110408_211532_000000403101_00187_47615_3813.N1	DC map used
GOM_TRA_1PNPDE20110408_211936_000000423101_00187_47615_3814.N1	DC map used
GOM_TRA_1PNPDE20110408_212754_000000603101_00187_47615_3815.N1	DC map used
GOM_TRA_1PNPDE20110408_213121_000000543101_00187_47615_3816.N1	DC map used
GOM_TRA_1PNPDE20110408_213247_000000383101_00187_47615_3817.N1	DC map used
GOM_TRA_1PNPDE20110408_213911_000000413101_00187_47615_3818.N1	DC map used
GOM_TRA_1PNPDE20110408_214114_000000483101_00187_47615_3819.N1	DC map used
GOM_TRA_1PNPDE20110408_214901_000000383101_00187_47615_3820.N1	DC map used
GOM_TRA_1PNPDE20110408_215342_000000263101_00187_47615_3821.N1	DC map used
GOM_TRA_1PNPDE20110408_215556_000000493101_00187_47615_3822.N1	DC map used

GOM_TRA_1PNPDE20110408_215813_000000493101_00187_47615_3823.N1	DC map used
GOM_TRA_1PNPDE20110408_220510_000000493101_00187_47615_3824.N1	DC map used
GOM_TRA_1PNPDE20110408_220959_000000473101_00187_47615_3825.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

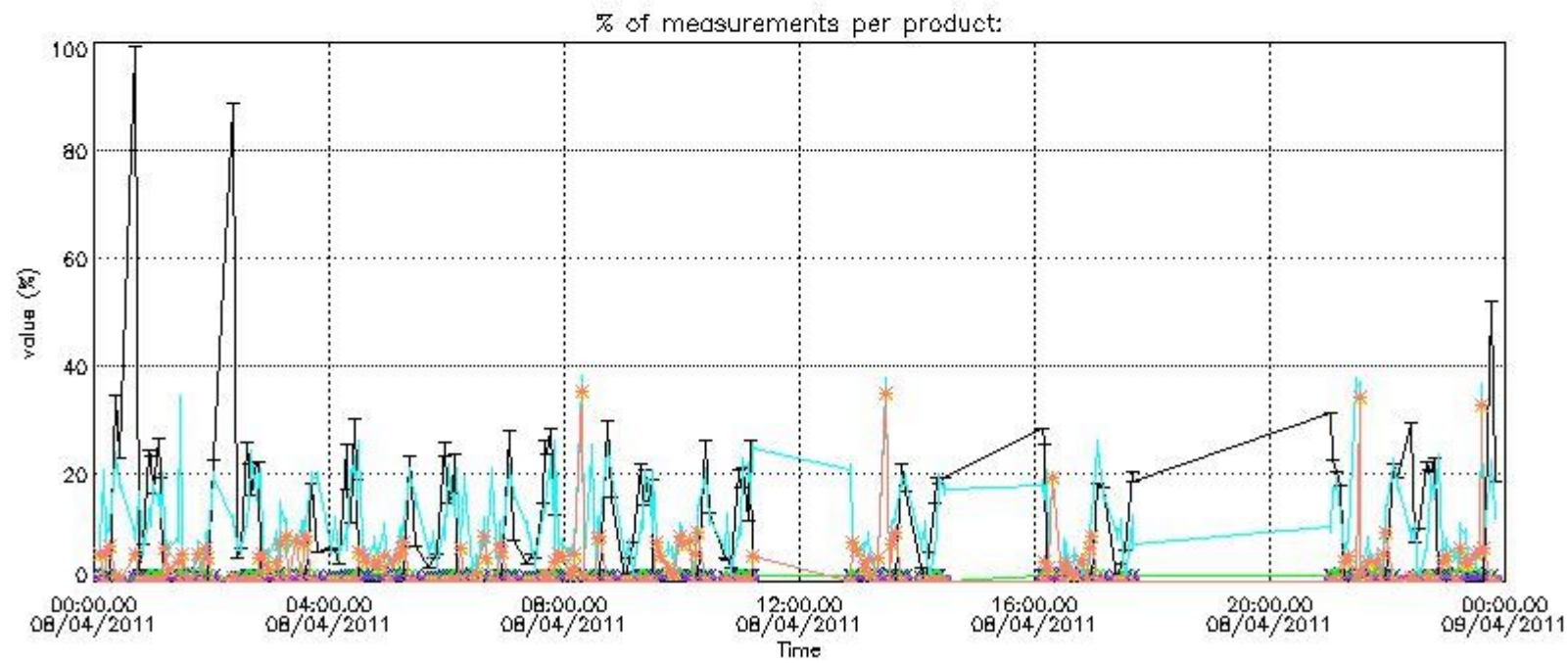
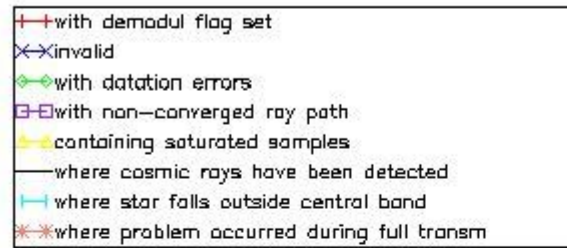


(error flag in the MPH set to "0") are used.

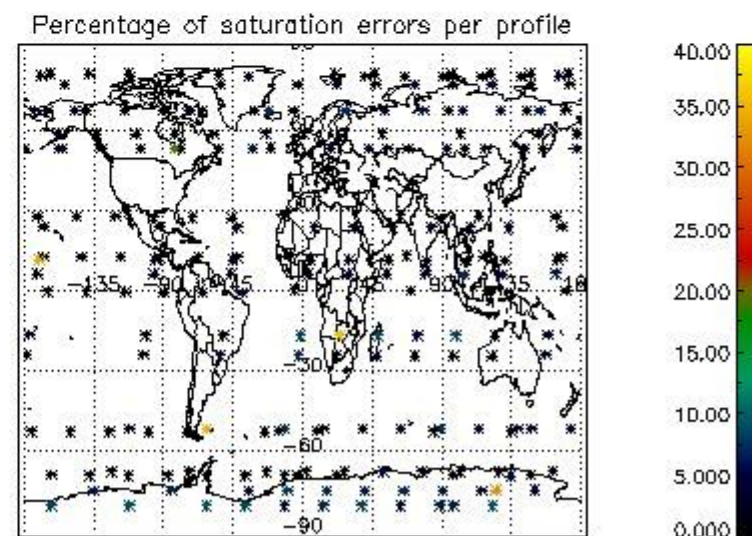
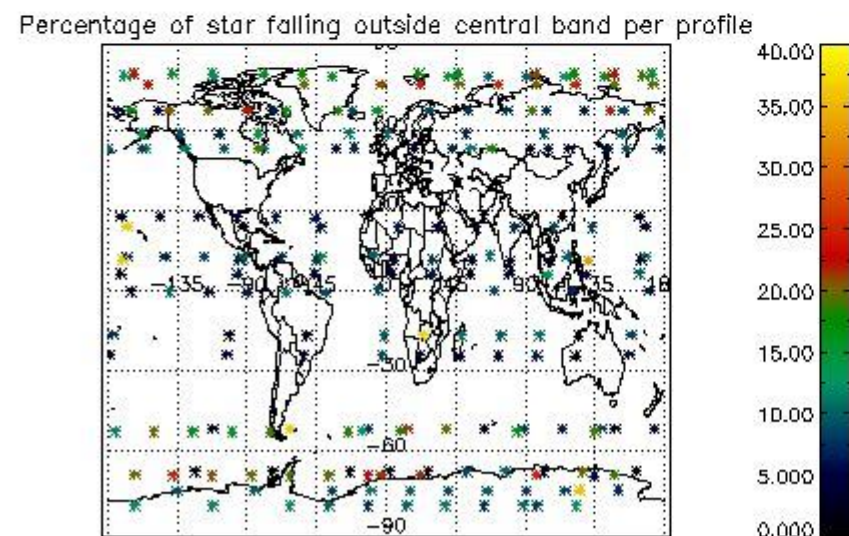
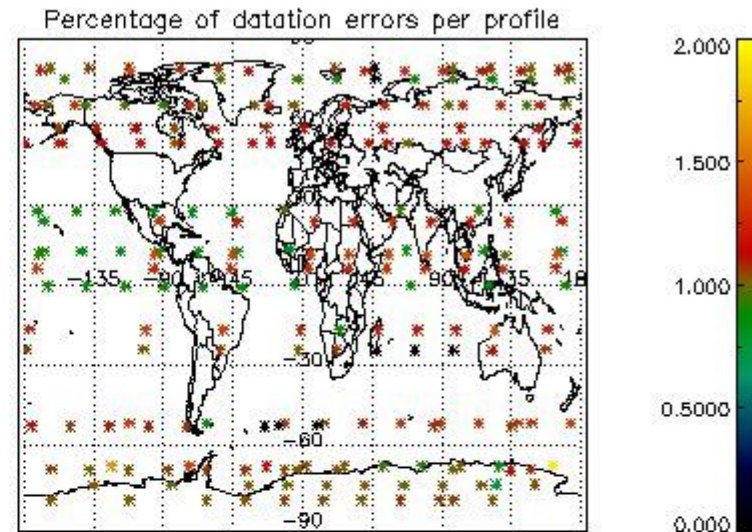
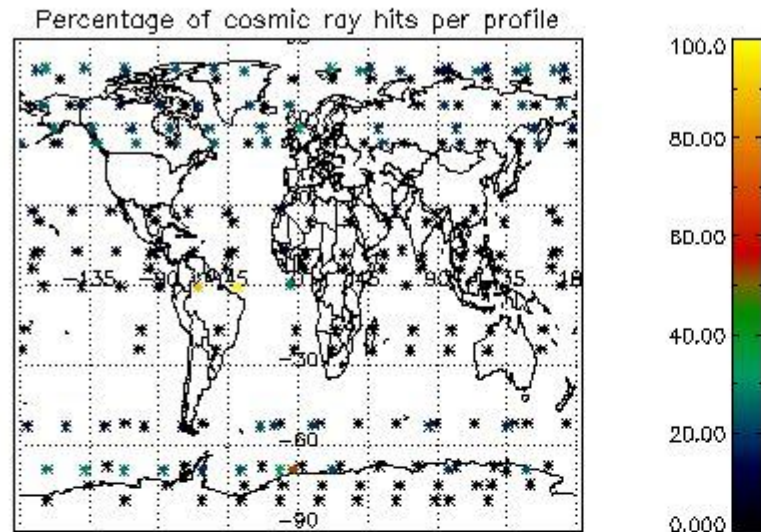
*5.1 Percentage of products during reporting period with:*

At least one measurement with demodulation flag set:	42.2907 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

*5.2 Plot quality information per product (time dependant)*



*5.3 Plot quality information per product (world map)*



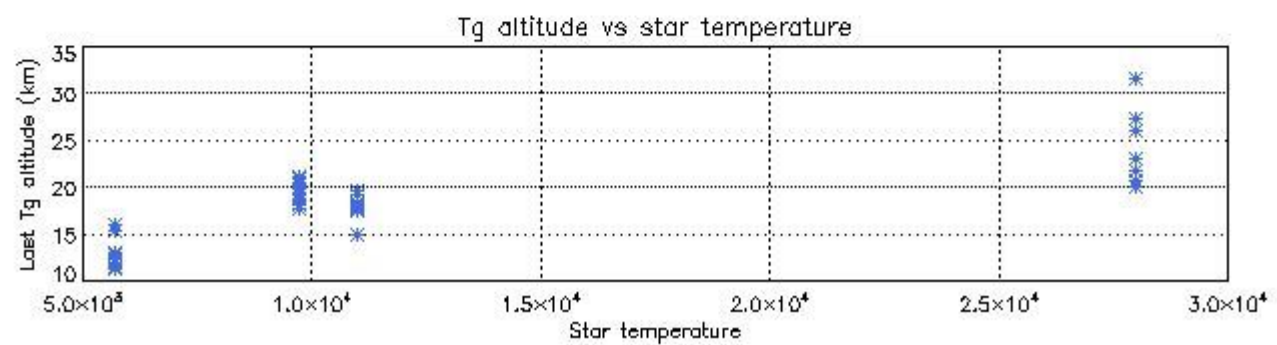
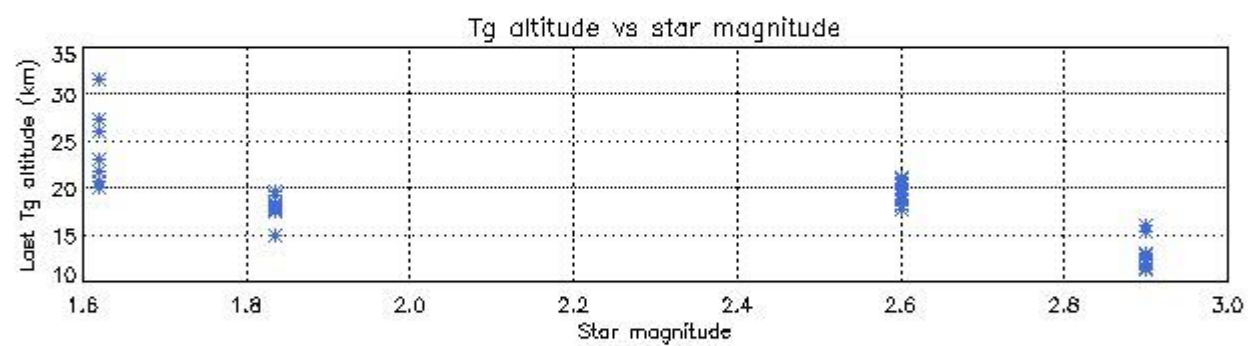
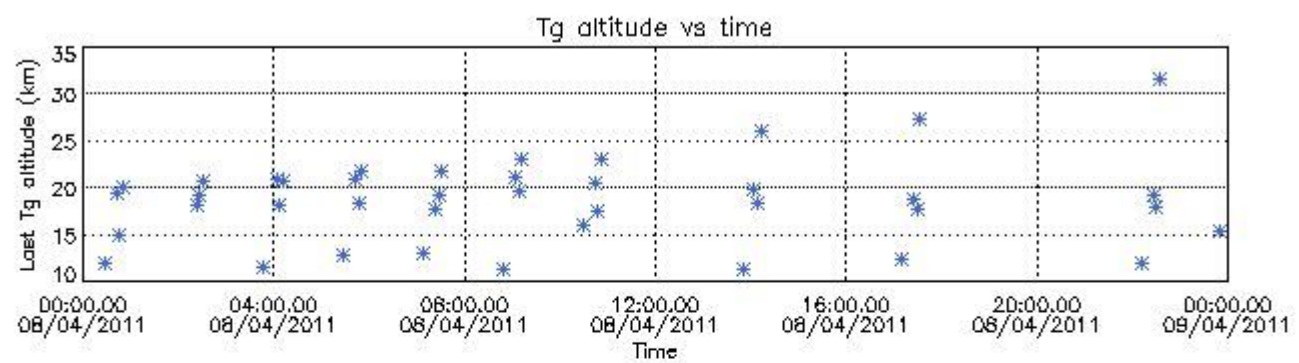
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	18.512	19.072	NaN
St. deviation:	4.4831	6.1376	NaN
Maximum:	31.590	49.797	NaN
Minimum:	11.203	2.8222	NaN
Number of data:	40.000	122.00	NaN

### 6.2 Plot for DARK limb products

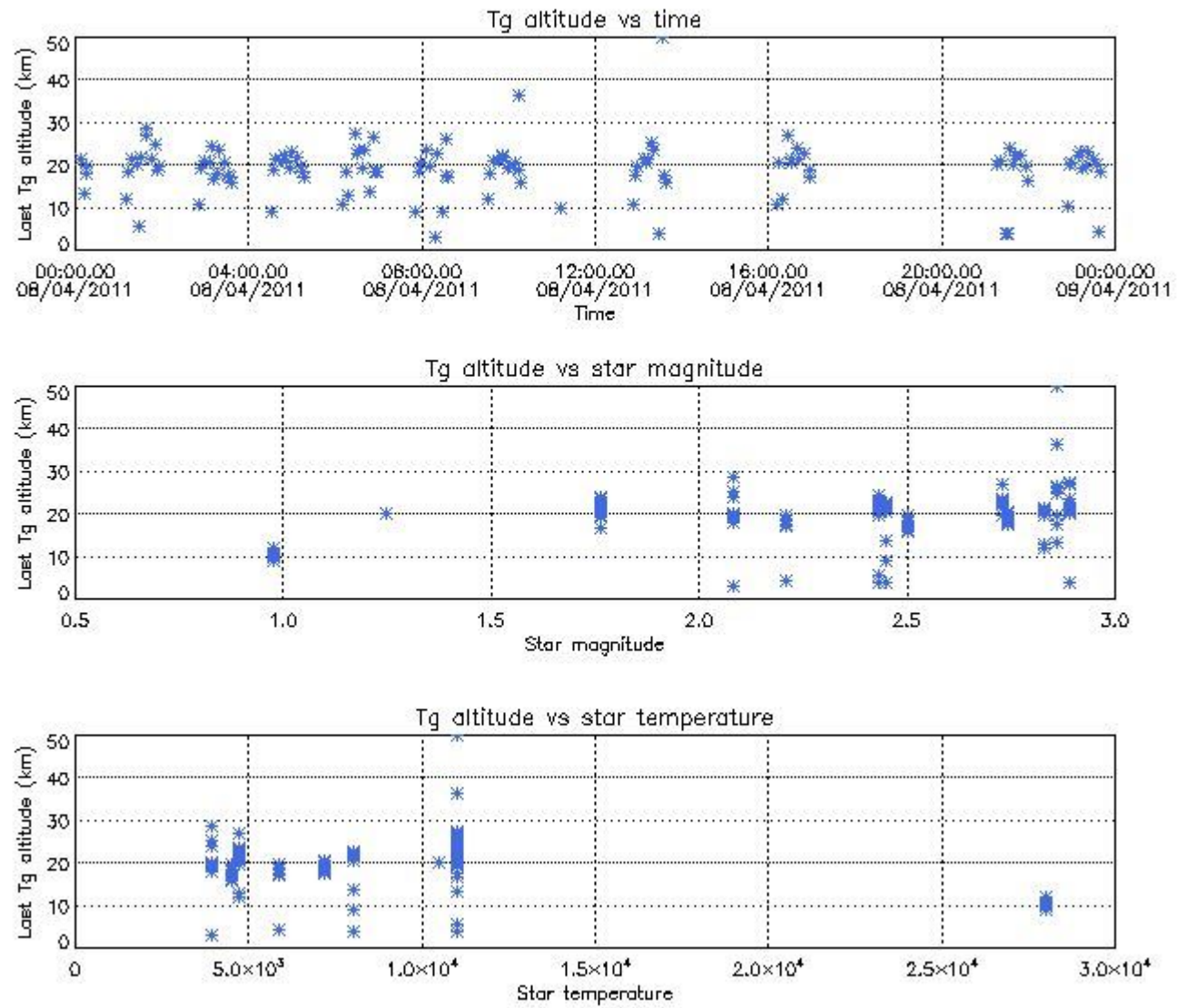
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost

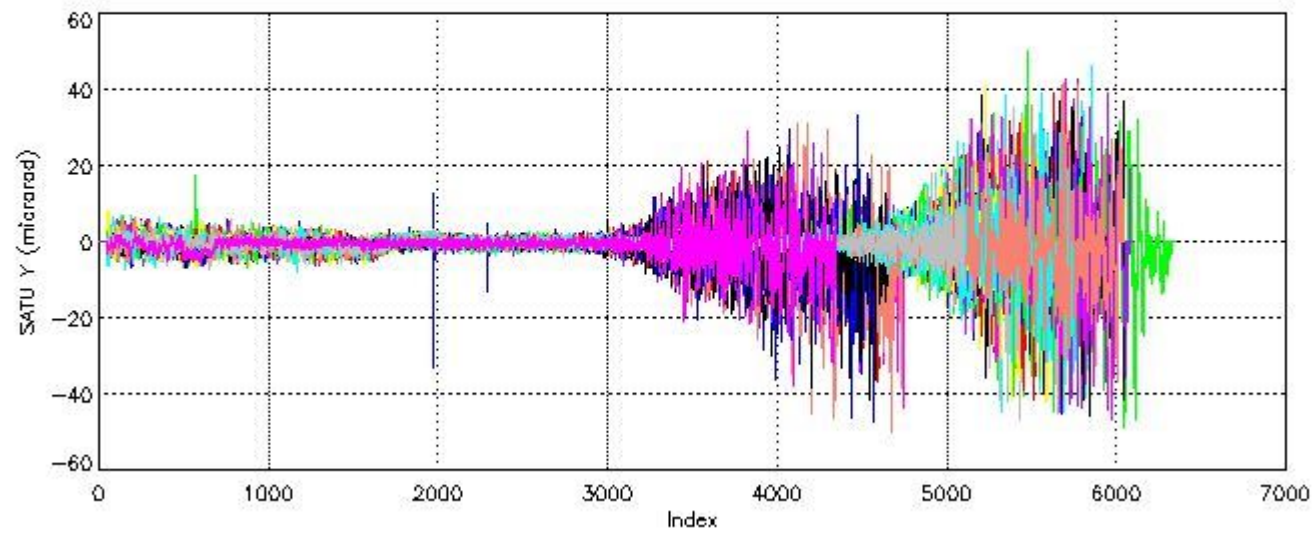
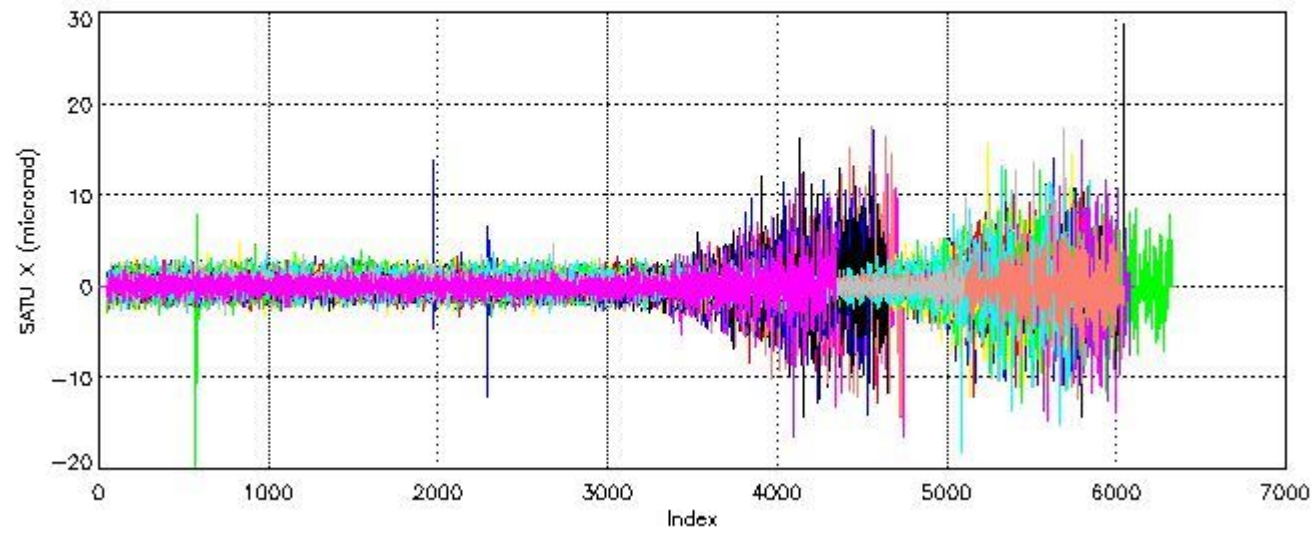


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.19727	-0.52328	0.24438	-0.83287
St. deviation:	0.66507	1.6562	0.80731	1.5189
Maximum:	7.9000	17.600	6.4000	9.1000
Minimum:	-19.800	-8.0000	-6.3000	-8.5000

Number of data:	52450.	52450.	1.2325E+05	1.2325E+05
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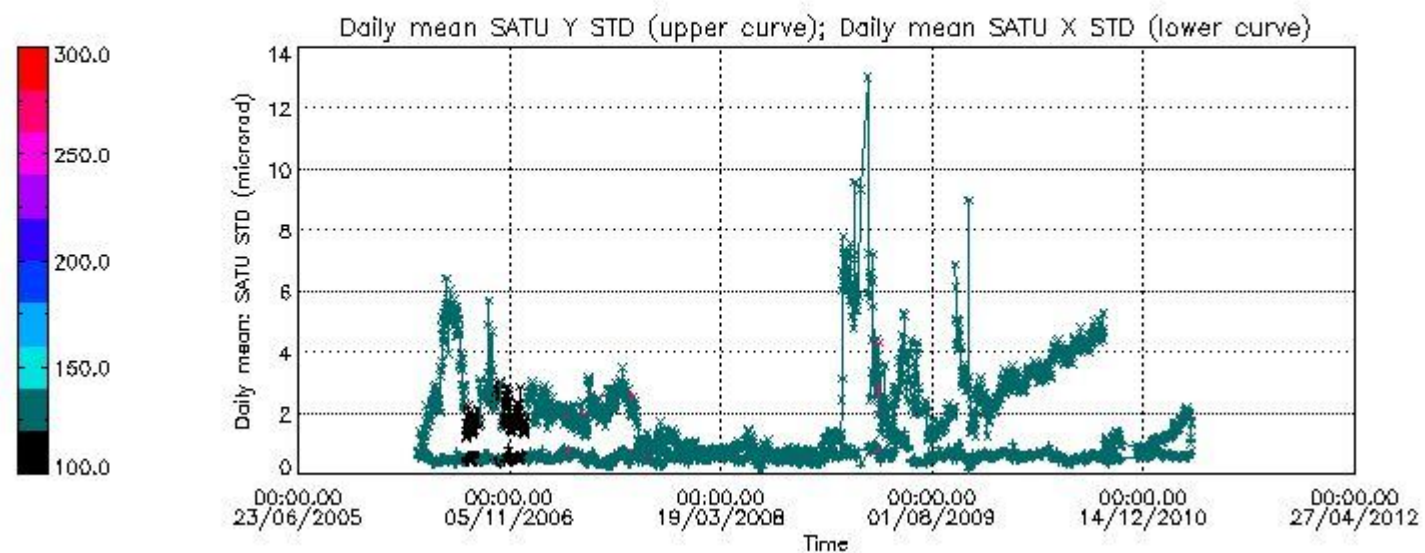
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis

Lower curve: STD of SATU X axis



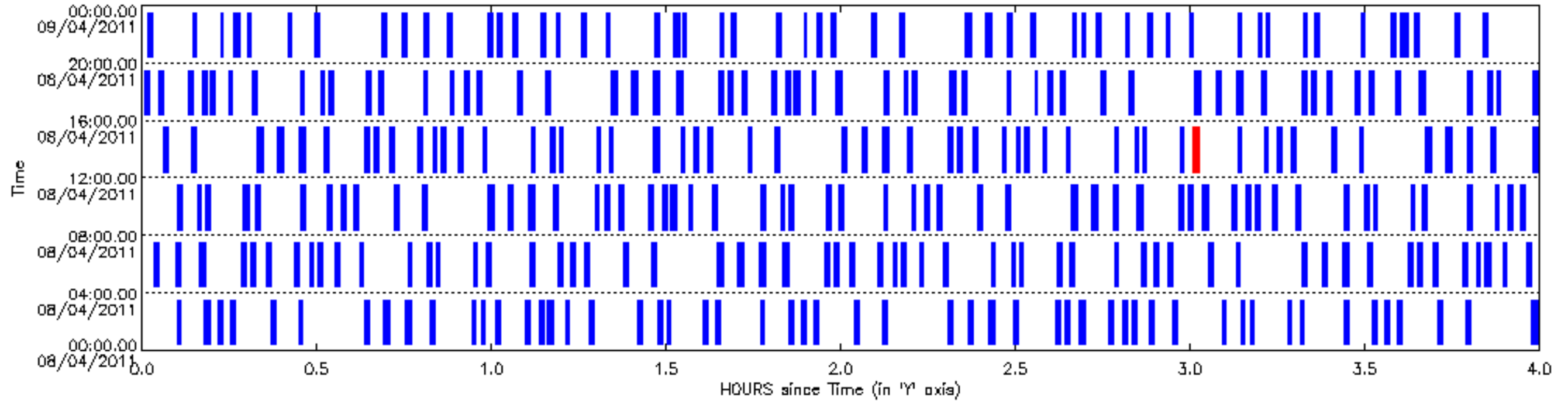
### 8. Auxiliary Data Files used for the production reported in section 2.4

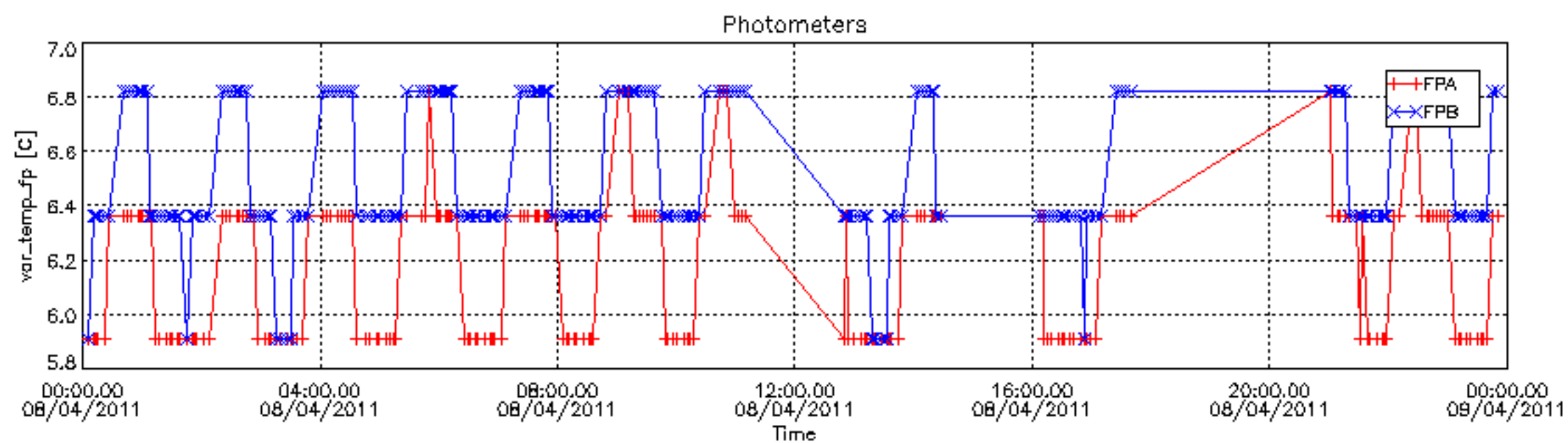
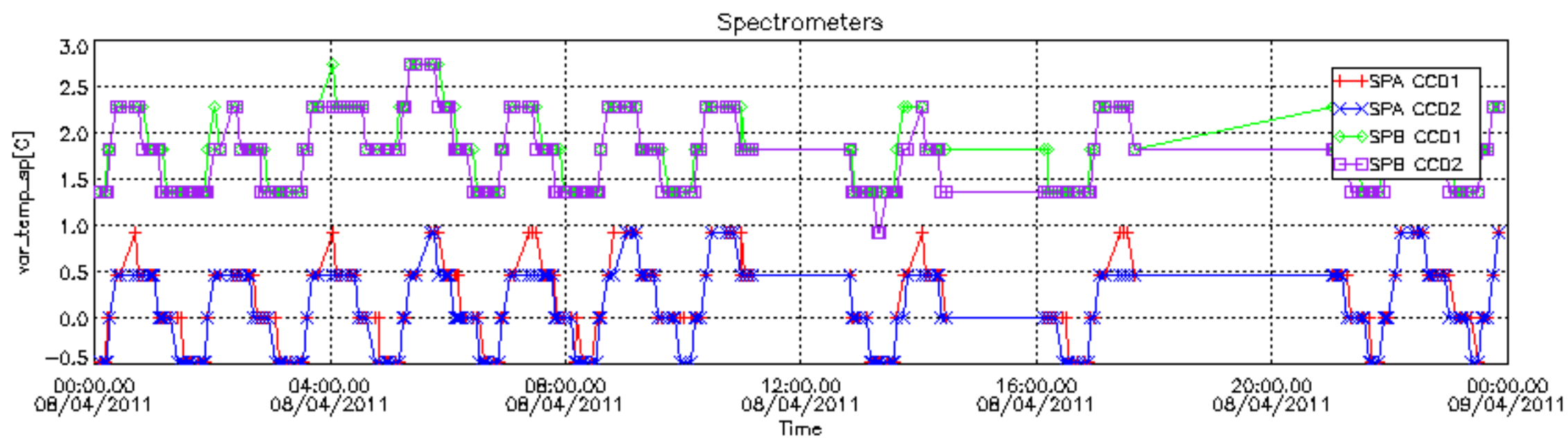
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-APR-2011 00:06:01
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110407_084842_20110406_000000_20500101_000000	1	08-APR-2011 00:06:01
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	08-APR-2011 00:06:01
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	08-APR-2011 00:06:01
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	08-APR-2011 00:06:01
ECMWF_FILE	AUX_ECF_AXNECM20110407_103712_20110407_210000_20110408_090000	1	08-APR-2011 00:06:01
ECMWF_FILE	AUX_ECF_AXNECM20110407_182955_20110408_030000_20110408_150000	45	08-APR-2011 03:26:29
ECMWF_FILE	AUX_ECA_AXNECM20110408_062114_20110407_210000_20110408_090000	67	08-APR-2011 05:06:42
ECMWF_FILE	AUX_ECF_AXNECM20110407_182955_20110408_030000_20110408_150000	104	08-APR-2011 07:50:34
ECMWF_FILE	AUX_ECA_AXNECM20110408_183755_20110408_030000_20110408_150000	115	08-APR-2011 08:36:21
ECMWF_FILE	AUX_ECF_AXNECM20110408_062114_20110408_090000_20110408_210000	127	08-APR-2011 09:33:54
ECMWF_FILE	AUX_ECA_AXNECM20110408_183755_20110408_090000_20110408_210000	135	08-APR-2011 10:12:06
ECMWF_FILE	AUX_ECF_AXNECM20110408_062114_20110408_090000_20110408_210000	148	08-APR-2011 11:11:02
ECMWF_FILE	AUX_ECA_AXNECM20110408_183755_20110408_090000_20110408_210000	149	08-APR-2011 12:49:53
ECMWF_FILE	AUX_ECF_AXNECM20110408_062115_20110408_210000_20110409_090000	192	08-APR-2011 21:01:05
OPTIONAL_ECMWF_FILE	MISSING	1	08-APR-2011 00:06:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110407_224945_000057383101_00173_47601_2856.N1	1	08-APR-2011 00:06:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110408_003042_000054193101_00174_47602_2857.N1	7	08-APR-2011 00:41:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110408_020620_000041443101_00175_47603_2858.N1	28	08-APR-2011 02:07:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110408_032043_000057383101_00176_47604_2859.N1	45	08-APR-2011 03:26:29

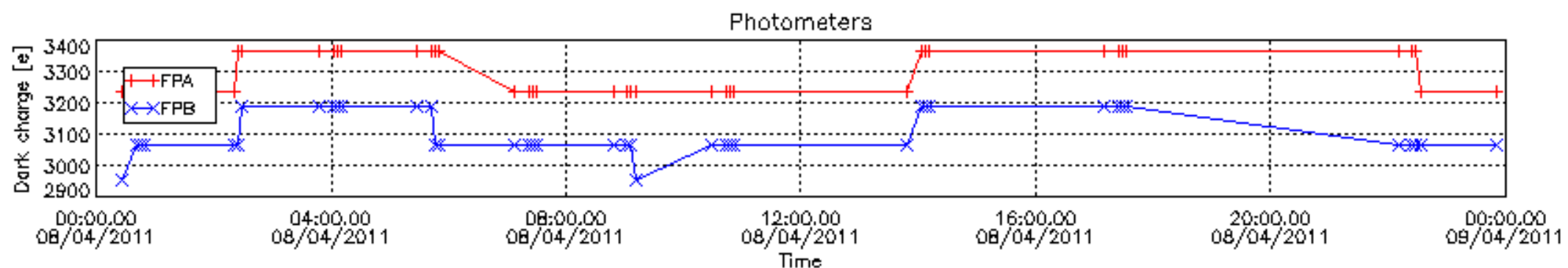
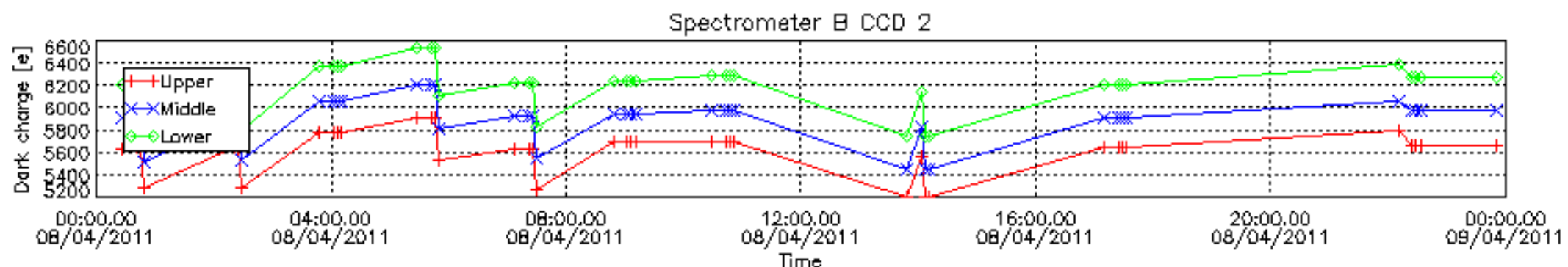
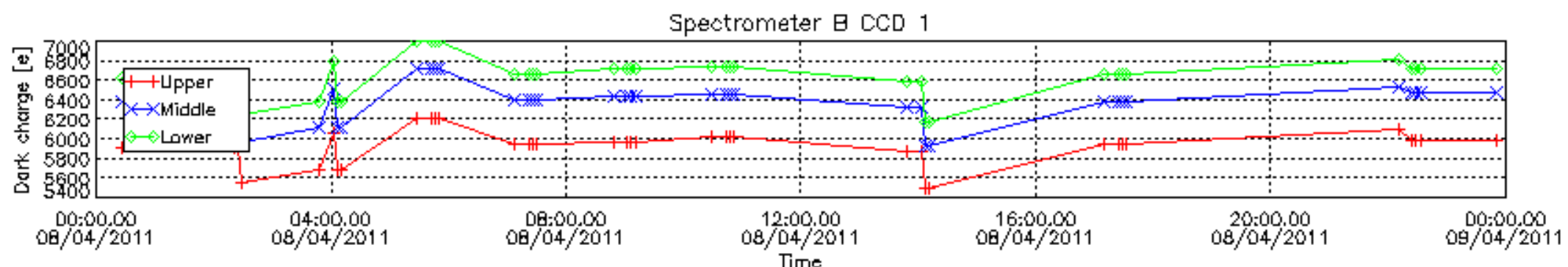
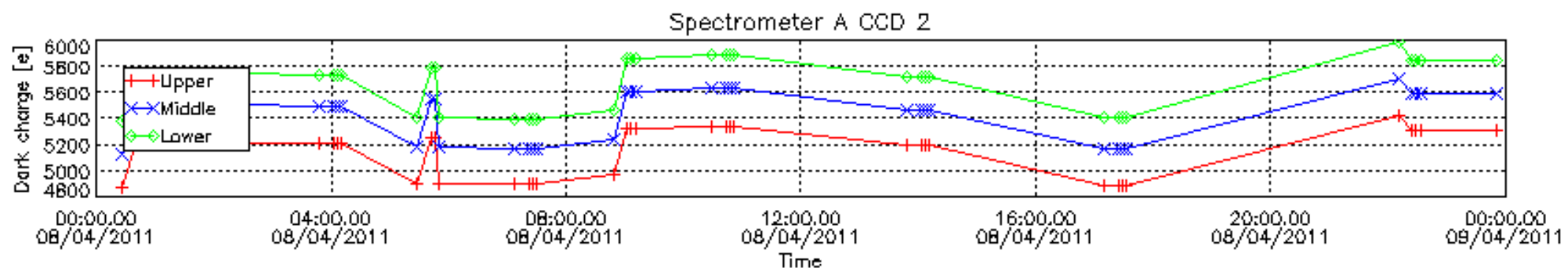
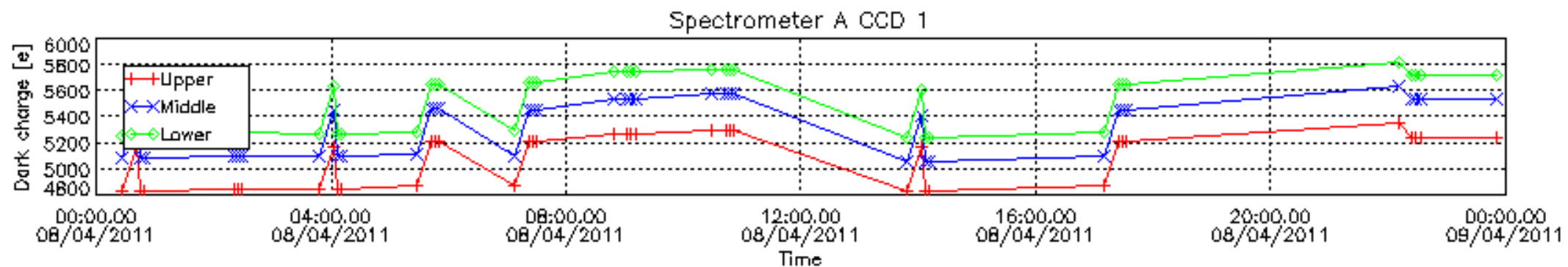


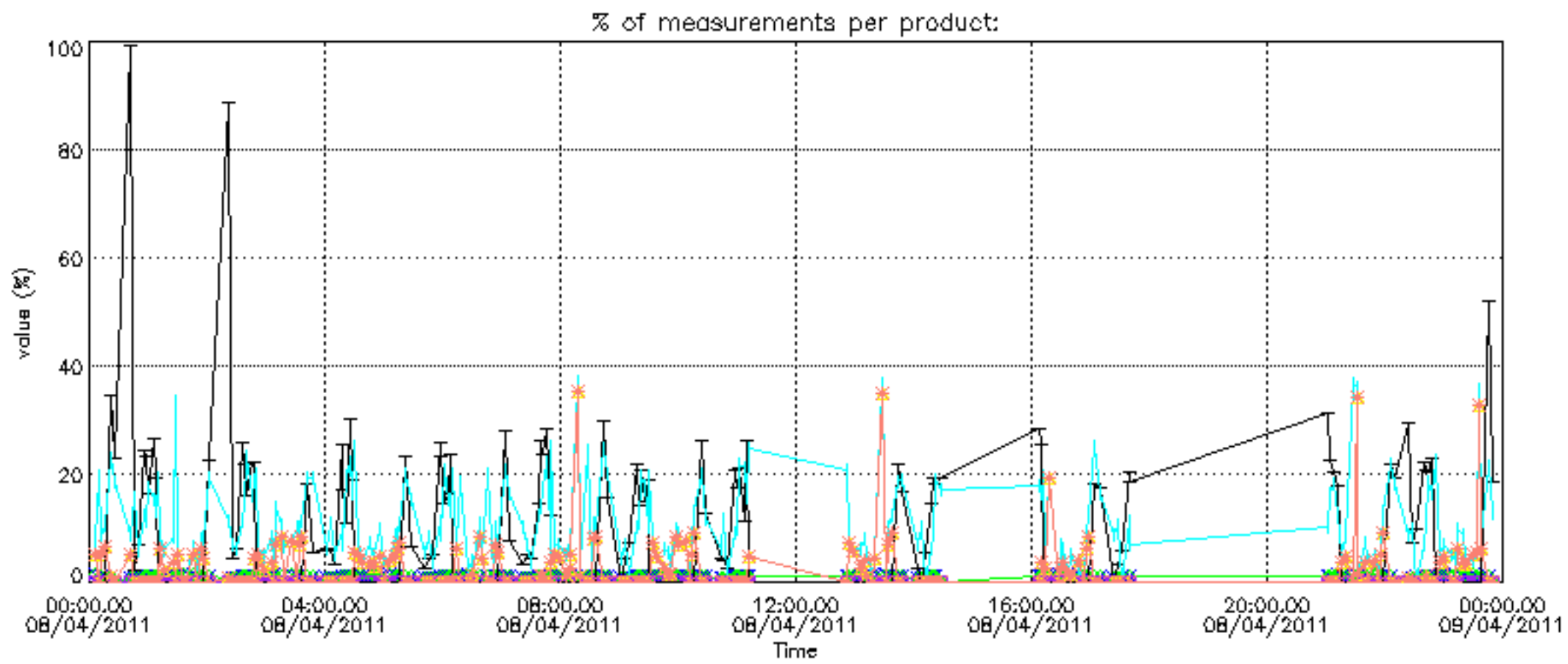
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110408_050140_000057383101_00177_47605_2860.N1	67	08-APR-2011 05:06:42
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ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110407_222954_20110407_111950_20110417_133339	104	08-APR-2011 07:50:34
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110408_074623_000060573101_00179_47607_4249.N1	115	08-APR-2011 08:36:21
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110408_093239_000054193101_00180_47608_4250.N1	127	08-APR-2011 09:33:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110408_110817_000057383101_00181_47609_4251.N1	148	08-APR-2011 11:11:02
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110408_124914_000054193101_00182_47610_4252.N1	149	08-APR-2011 12:49:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110408_160031_000057383101_00184_47612_4254.N1	171	08-APR-2011 16:07:52
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110408_205803_000041443101_00187_47615_2865.N1	192	08-APR-2011 21:01:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110408_221226_000057383101_00187_47615_2866.N1	209	08-APR-2011 22:24:51



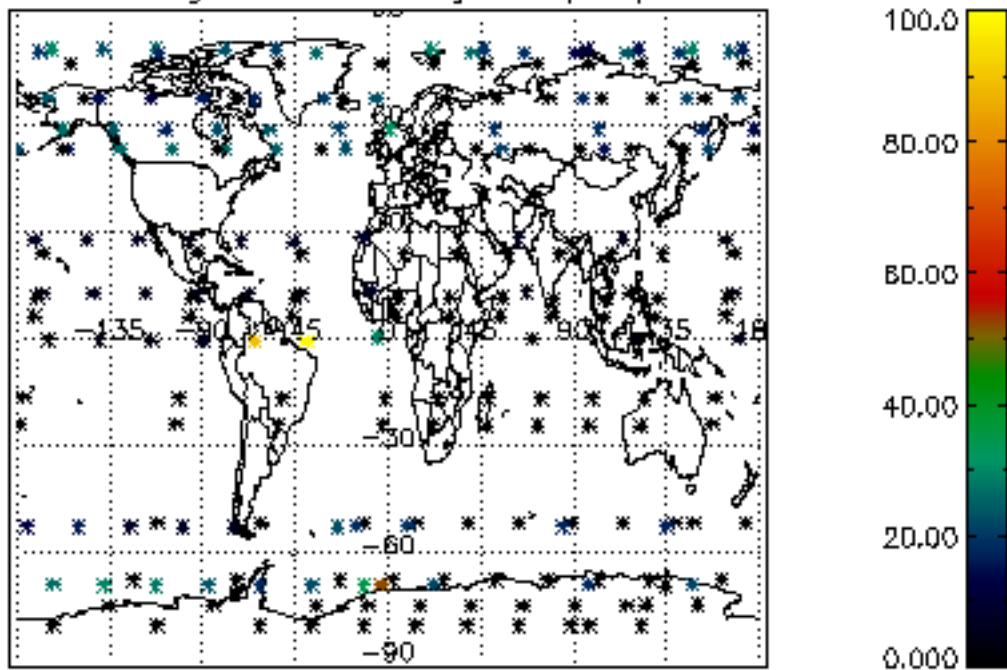




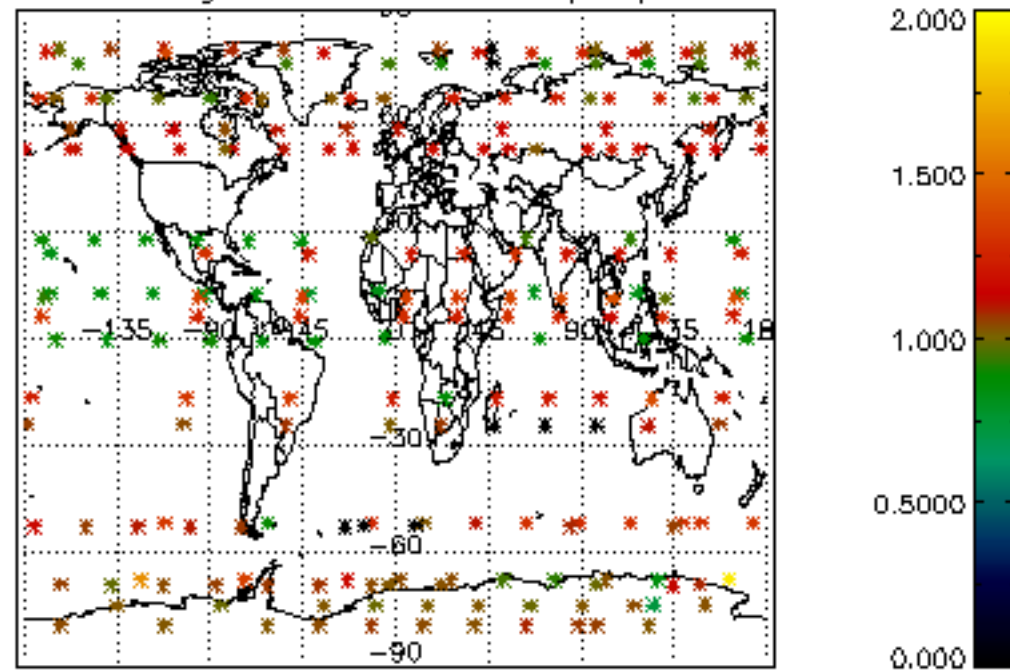




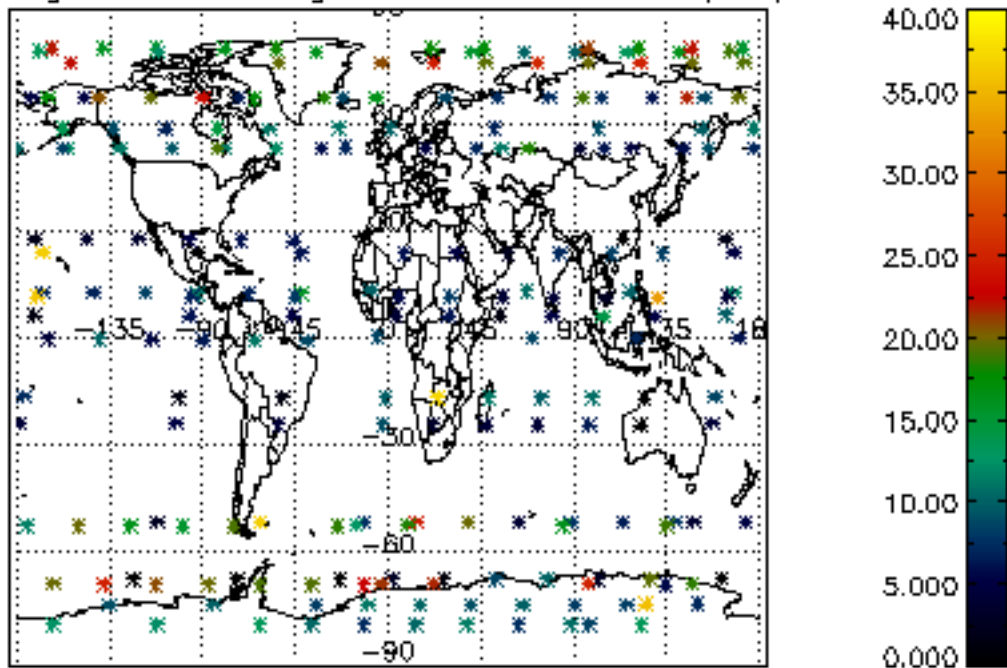
Percentage of cosmic ray hits per profile



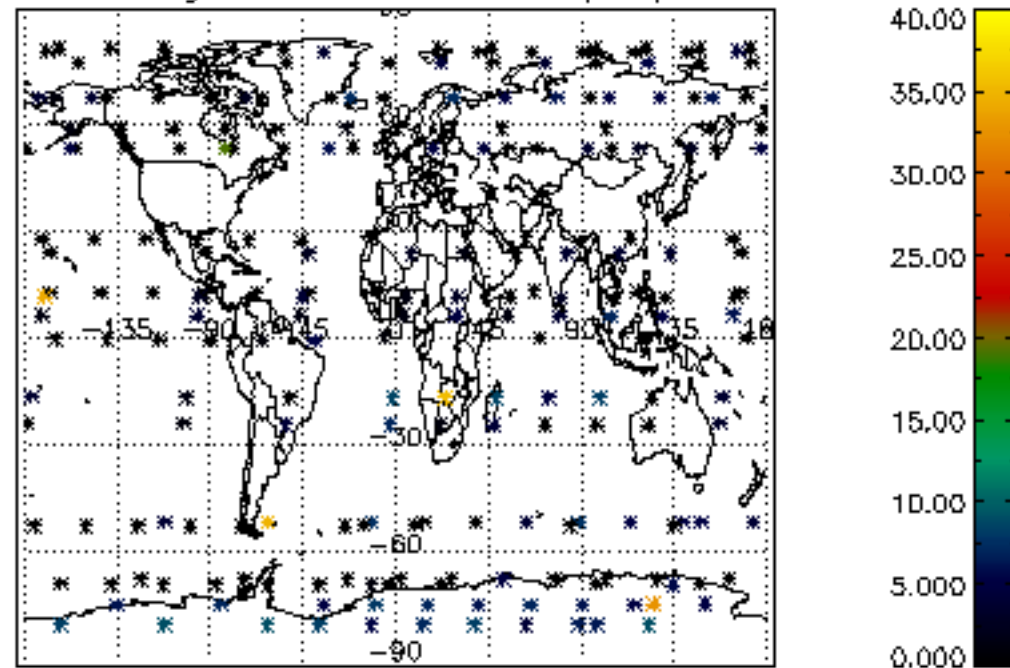
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

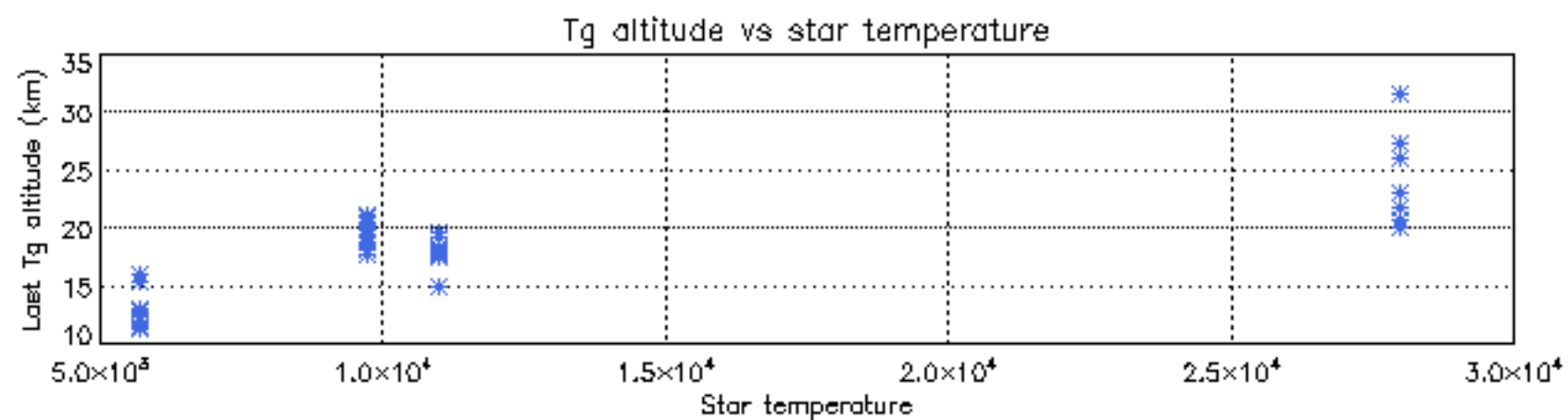
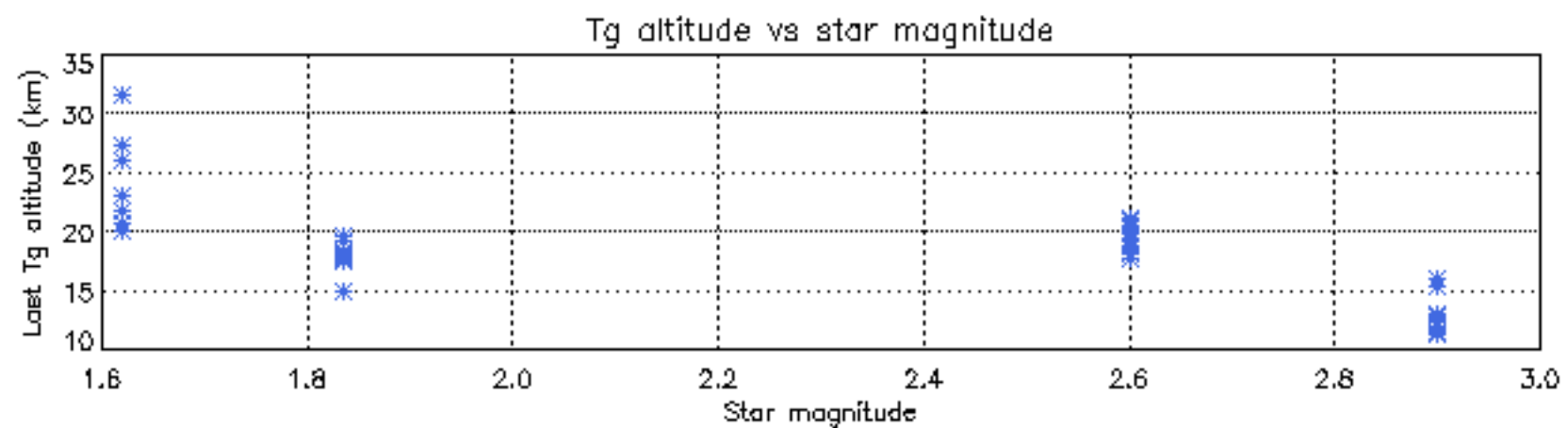
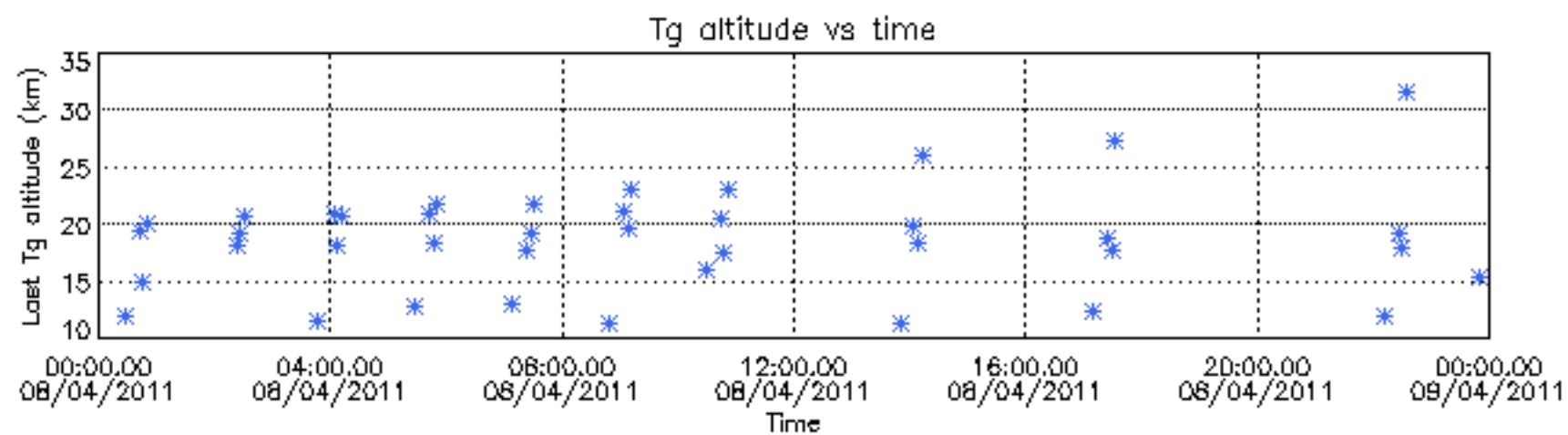


Percentage of saturation errors per profile

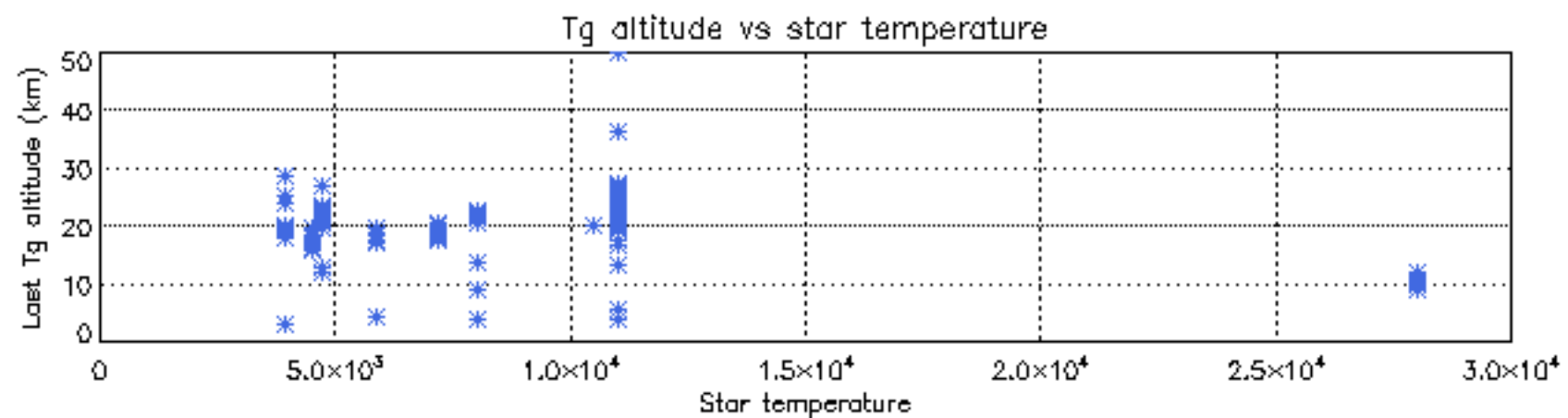
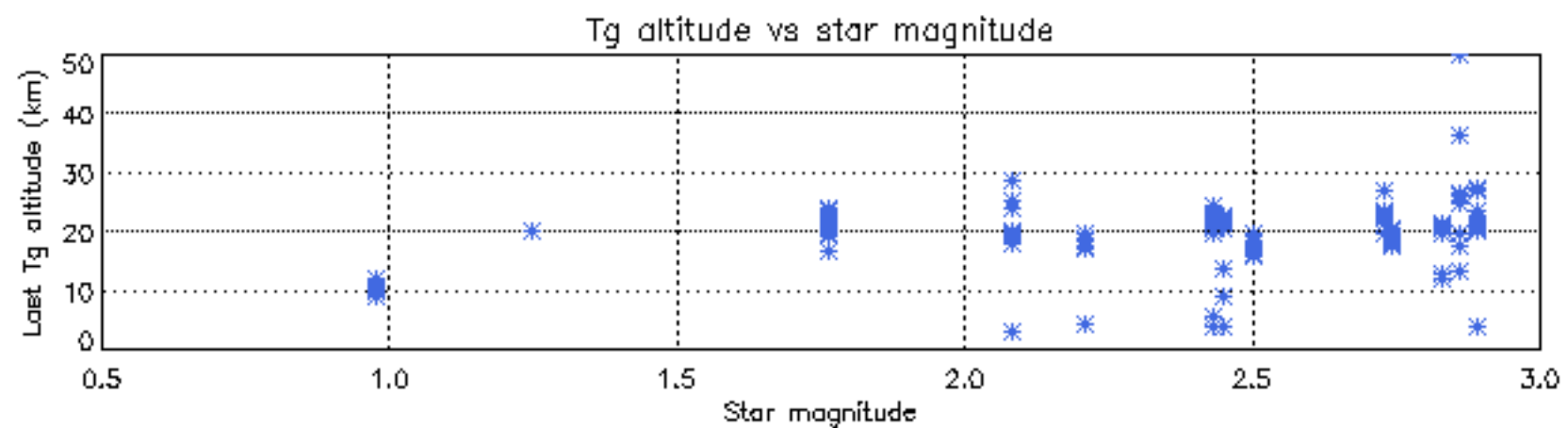
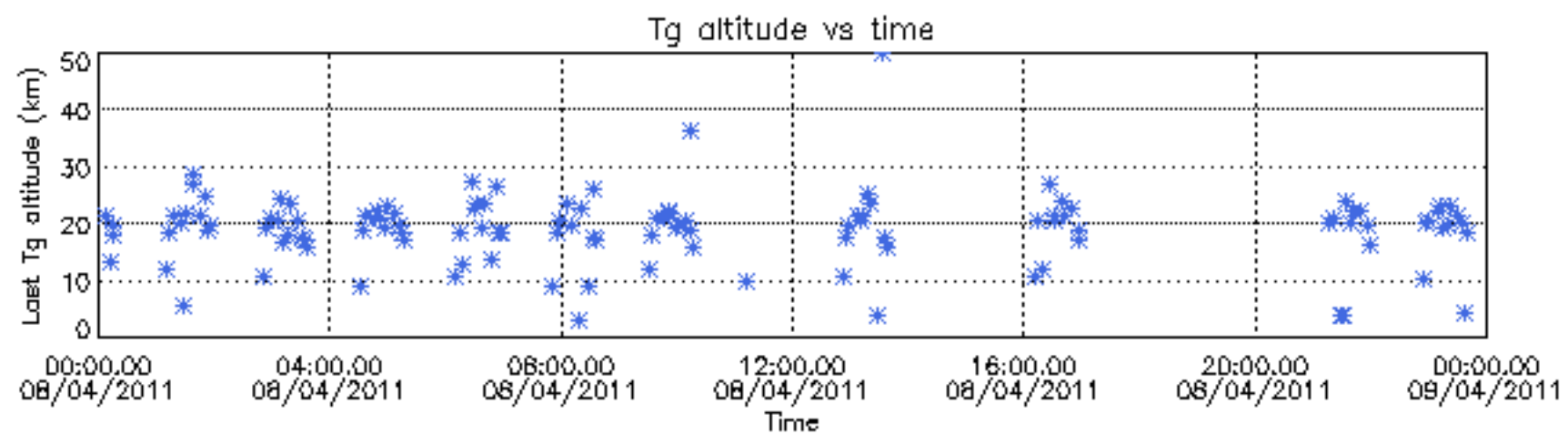


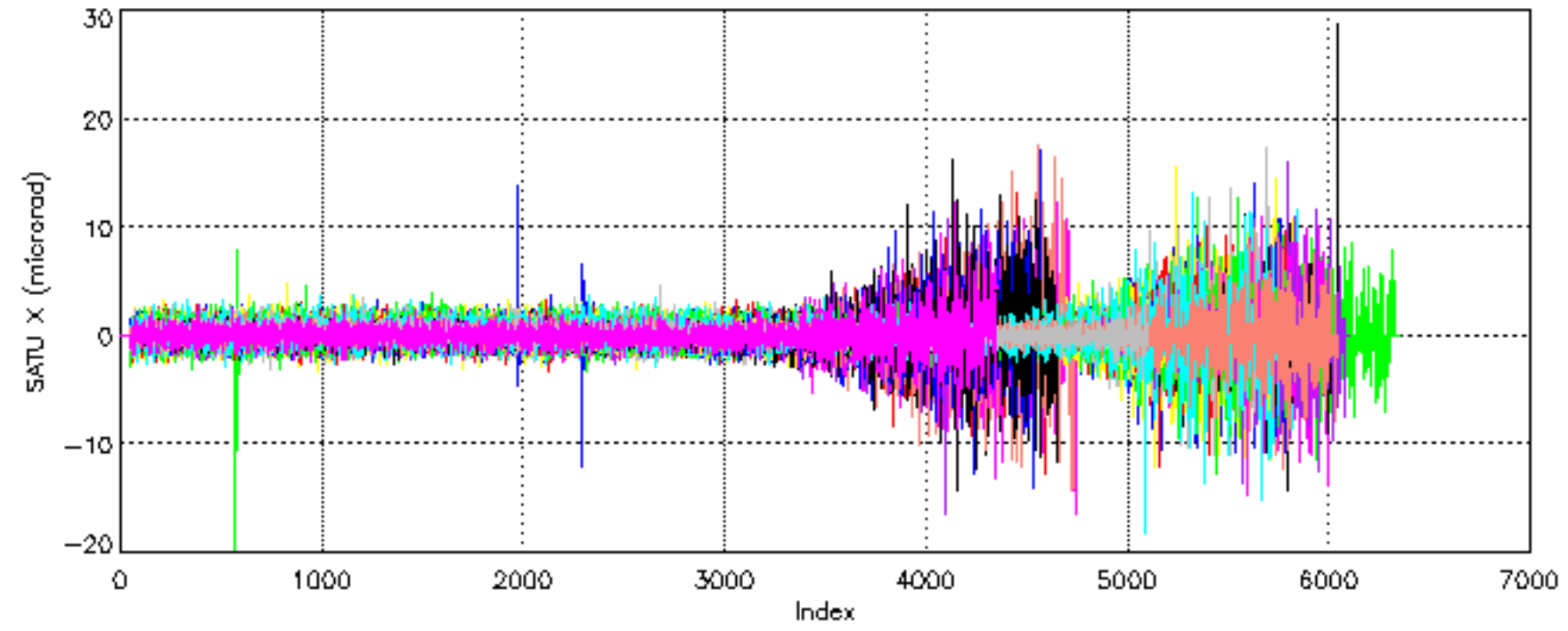


Tangent altitude at which the star is lost

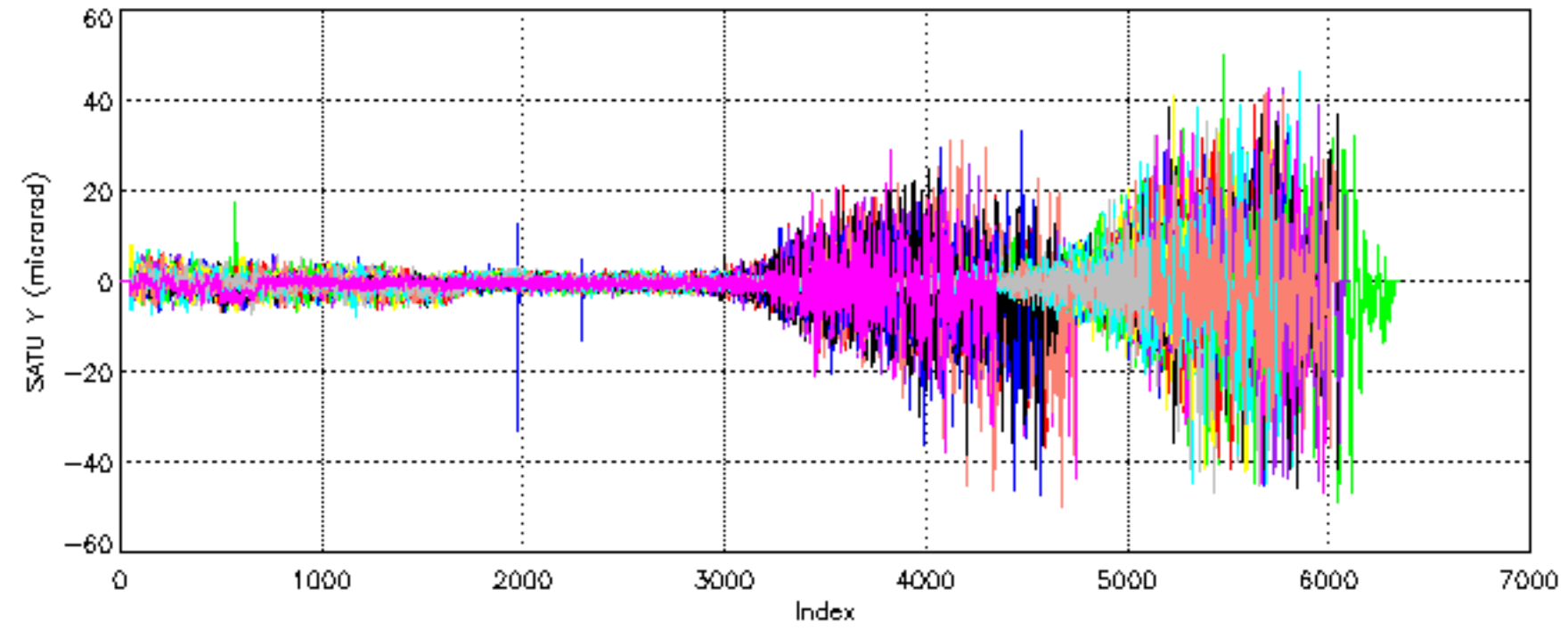


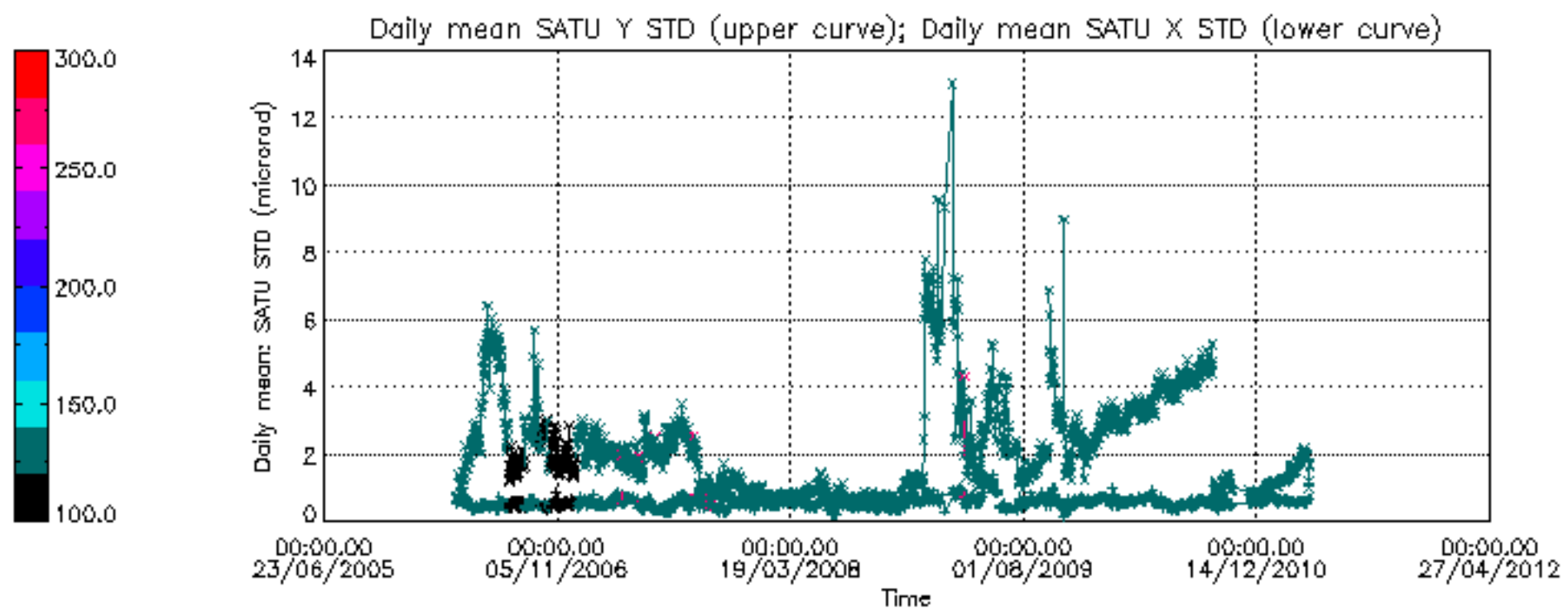
Tangent altitude at which the star is lost











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1; -306.9; 01-APR-2011 01:33:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;47502  
 2; -143.9; 01-APR-2011 01:35:59; Dark ; 52.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 104; 0;47502  
 3; 295.7; 01-APR-2011 01:43:19; Dark ; 52.5; 40; The Sco ; 1.86; 7100;occ; 105; 0;47503  
 4; 512.8; 01-APR-2011 01:46:56; Dark ; 40.5; 134; Bet TrA ; 2.81; 6600;occ; 81; 0;47503  
 5; 670.4; 01-APR-2011 01:49:33; Dark ; 56.0; 4; Alp1Cen ;-0.01; 5800;occ; 112; 0;47503  
 6; 835.1; 01-APR-2011 01:52:18; Dark ; 47.0; 78; Alp Lup ; 2.30; 28000;occ; 94; 0;47503  
 7; 930.9; 01-APR-2011 01:53:54; Dark ; 46.5; 81; Eta Cen ; 2.36; 28000;occ; 93; 0;47503  
 8; 1093.7; 01-APR-2011 01:56:37; Dark ; 51.0; 54; 5The Cen ; 2.06; 4500;occ; 102; 0;47503  
 9; 1450.9; 01-APR-2011 02:02:34; Dark ; 49.5; 106; 9Bet Crv ; 2.65; 5600;occ; 99; 0;47503  
 10; 1568.0; 01-APR-2011 02:04:31; Dark ; 45.5; 100; 4Gam Crv ; 2.58; 13100;occ; 91; 0;47503  
 11; 1675.4; 01-APR-2011 02:06:18; Dark ; 54.0; 15; 67Alp Vir ; 0.98; 28000;occ; 108; 0;47503  
 12; 1869.7; 01-APR-2011 02:09:33; Bright; 43.5; 121; 29Gam Vir ; 2.74; 7200;occ; 87; 0;47503  
 13; 2146.7; 01-APR-2011 02:14:10; Bright; 38.0; 62; 94Bet Leo ; 2.14; 9700;occ; 76; 0;47503  
 14; 2650.8; 01-APR-2011 02:22:34; Bright; 38.5; 174; 52Psi UMa ; 3.00; 4400;occ; 77; 0;47503  
 15; 2830.6; 01-APR-2011 02:25:34; Bright; 51.0; 87; 64Gam UMa ; 2.43; 11000;occ; 102; 0;47503  
 16; 2941.2; 01-APR-2011 02:27:24; Bright; 38.0; 36; 50Alp UMa ; 1.80; 6300;occ; 76; 0;47503  
 17; 3317.4; 01-APR-2011 02:33:40; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;47503  
 18; 3882.0; 01-APR-2011 02:43:05; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;47503  
 19; 4176.1; 01-APR-2011 02:47:59; Bright; 68.0; 144; 18Del Cyg ; 2.86; 11000;occ; 136; 0;47503  
 20; 4290.9; 01-APR-2011 02:49:54; Bright; 44.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 89; 0;47503  
 21; 4413.0; 01-APR-2011 02:51:56; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;47503  
 22; 5708.0; 01-APR-2011 03:13:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;47503  
 23; 5871.4; 01-APR-2011 03:16:14; Dark ; 52.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 104; 0;47503  
 24; 6085.2; 01-APR-2011 03:19:48; Dark ; 55.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 110; 0;47504  
 25; 6310.8; 01-APR-2011 03:23:34; Dark ; 56.0; 40; The Sco ; 1.86; 7100;occ; 112; 0;47504  
 26; 6527.3; 01-APR-2011 03:27:10; Dark ; 40.5; 134; Bet TrA ; 2.81; 6600;occ; 81; 0;47504  
 27; 6685.0; 01-APR-2011 03:29:48; Dark ; 53.0; 4; Alp1Cen ;-0.01; 5800;occ; 106; 0;47504  
 28; 6850.1; 01-APR-2011 03:32:33; Dark ; 49.5; 78; Alp Lup ; 2.30; 28000;occ; 99; 0;47504  
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 30; 7108.1; 01-APR-2011 03:36:51; Dark ; 57.0; 54; 5The Cen ; 2.06; 4500;occ; 114; 0;47504  
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 32; 7582.4; 01-APR-2011 03:44:45; Dark ; 43.0; 100; 4Gam Crv ; 2.58; 13100;occ; 86; 0;47504  
 33; 7689.7; 01-APR-2011 03:46:33; Dark ; 60.0; 15; 67Alp Vir ; 0.98; 28000;occ; 120; 0;47504  
 34; 7883.8; 01-APR-2011 03:49:47; Bright; 44.5; 121; 29Gam Vir ; 2.74; 7200;occ; 89; 0;47504  
 35; 8160.7; 01-APR-2011 03:54:24; Bright; 38.5; 62; 94Bet Leo ; 2.14; 9700;occ; 77; 0;47504  
 36; 8664.8; 01-APR-2011 04:02:48; Bright; 38.5; 174; 52Psi UMa ; 3.00; 4400;occ; 77; 0;47504  
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 38; 8953.2; 01-APR-2011 04:07:36; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;47504  
 39; 9331.2; 01-APR-2011 04:13:54; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;47504

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110401\_042319\_000054893101\_00076\_47504\_2572.N1

1; -2131.9; 01-APR-2011 04:23:19; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;47504  
 2; -1838.1; 01-APR-2011 04:28:13; Bright; 45.5; 144; 18Del Cyg ; 2.86; 11000;occ; 91; 0;47504  
 3; -1723.1; 01-APR-2011 04:30:08; Bright; 44.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 89; 0;47504  
 4; -1600.9; 01-APR-2011 04:32:10; Bright; 44.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 88; 0;47504  
 5; -1207.4; 01-APR-2011 04:38:44; Dark ; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;47504  
 6; -932.5; 01-APR-2011 04:43:18; Dark ; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;47504  
 7; -305.2; 01-APR-2011 04:53:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;47504  
 8; -140.9; 01-APR-2011 04:56:30; Dark ; 47.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 94; 0;47504  
 9; 72.4; 01-APR-2011 05:00:03; Dark ; 55.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 111; 0;47505  
 10; 297.8; 01-APR-2011 05:03:49; Dark ; 54.0; 40; The Sco ; 1.86; 7100;occ; 108; 0;47505  
 11; 513.9; 01-APR-2011 05:07:25; Dark ; 40.0; 134; Bet TrA ; 2.81; 6600;occ; 80; 0;47505  
 12; 671.5; 01-APR-2011 05:10:02; Dark ; 50.5; 4; Alp1Cen ;-0.01; 5800;occ; 101; 0;47505  
 13; 836.6; 01-APR-2011 05:12:47; Dark ; 45.0; 78; Alp Lup ; 2.30; 28000;occ; 90; 0;47505  
 14; 932.1; 01-APR-2011 05:14:23; Dark ; 47.5; 81; Eta Cen ; 2.36; 28000;occ; 95; 0;47505  
 15; 1094.5; 01-APR-2011 05:17:05; Dark ; 59.0; 54; 5The Cen ; 2.06; 4500;occ; 118; 0;47505  
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 19; 1869.6; 01-APR-2011 05:30:01; Bright; 44.5; 121; 29Gam Vir ; 2.74; 7200;occ; 89; 0;47505  
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9; 4167.2; 17-APR-2011 11:22:38; Bright; 48.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 96; 0;47738  
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