

GOMOS Daily Report 18-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	20APR2011 07:02:01
Data source version	GOMOS/5.01
Start time of products	18APR2011 00:01:02
Stop time of products	18APR2011 23:52:21
Store outputs in DB	Yes
Nb of level 1b prods	290
Nb of prods with errors	4

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

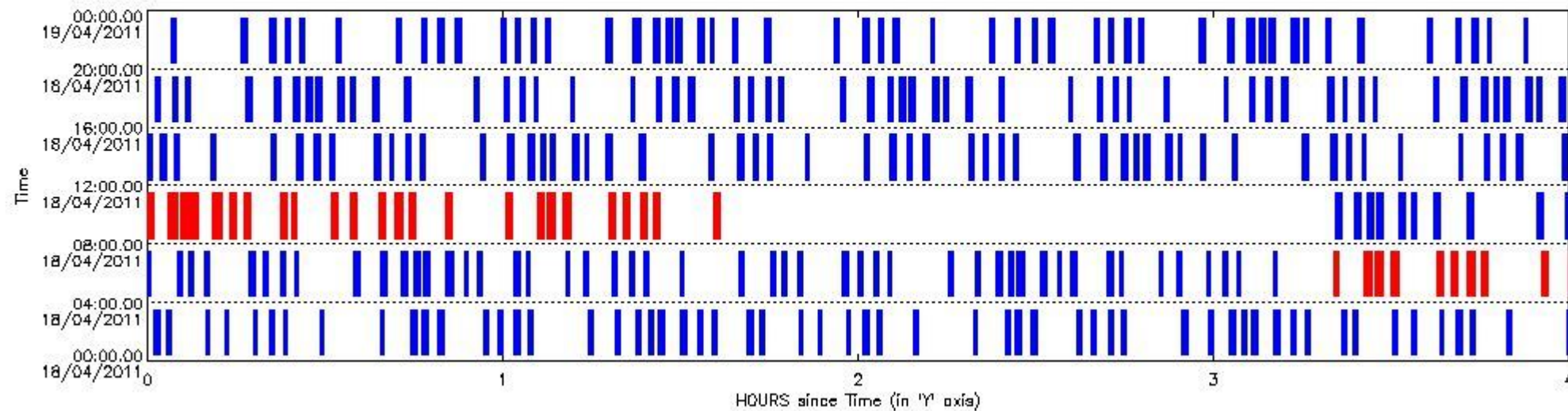
2.1 Level 0 products arrived in PCF (see template [here](#))

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
18-APR-2011 07:20:14	5AlpCep	89	47750
18-APR-2011 07:25:28	50AlpCyg	19	47750
18-APR-2011 07:27:16	37GamCyg	66	47750
18-APR-2011 07:29:58	53EpsCyg	92	47750
18-APR-2011 07:37:39	8EpsPeg	61	47750
18-APR-2011 07:40:07	34AlpAqr	162	47750
18-APR-2011 07:42:54	22BetAqr	154	47750
18-APR-2011 07:45:14	49DelCap	142	47750
18-APR-2011 07:55:23	DSA1040	0	47750
18-APR-2011 07:59:58	38ZetSgr	103	47751
18-APR-2011 08:03:24	20EpsSgr	38	47751
18-APR-2011 08:05:32	lot1Sco	178	47751
18-APR-2011 08:07:08	35LamSco	25	47751
18-APR-2011 08:10:55	26EpsSco	75	47751
18-APR-2011 08:13:56	EtaCen	81	47751

18-APR-2011 08:16:13	5TheCen	54	47751
18-APR-2011 08:22:17	9Alp2Lib	122	47751
18-APR-2011 08:24:21	67AlpVir	15	47751
18-APR-2011 08:31:01	47EpsVir	138	47751
18-APR-2011 08:34:07	8EtaBoo	111	47751
18-APR-2011 08:39:00	12Alp2CVn	152	47751
18-APR-2011 08:41:43	27GamBoo	180	47751
18-APR-2011 08:44:09	79ZetUMa	55	47751
18-APR-2011 08:50:20	7BetUMi	60	47751
18-APR-2011 09:00:28	5AlpCep	89	47751
18-APR-2011 09:05:42	50AlpCyg	19	47751
18-APR-2011 09:07:30	37GamCyg	66	47751
18-APR-2011 09:10:12	53EpsCyg	92	47751
18-APR-2011 09:17:54	8EpsPeg	61	47751
18-APR-2011 09:20:22	34AlpAqr	162	47751
18-APR-2011 09:23:08	22BetAqr	154	47751
18-APR-2011 09:25:28	49DelCap	142	47751
18-APR-2011 09:35:39	DSA1040	0	47751

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_1PNPDE20110418_000102_000000593101_00318_47746_6222.N1	18-APR-2011 00:01:02	Bright	59.000	122	9Alp2Lib	2.7470	9700.0	118	47746	No
2	GOM_TRA_1PNPDE20110418_000306_000000433101_00318_47746_6223.N1	18-APR-2011 00:03:06	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	47746	No
3	GOM_TRA_1PNPDE20110418_000947_000000393101_00318_47746_6224.N1	18-APR-2011 00:09:47	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	47746	No
4	GOM_TRA_1PNPDE20110418_001255_000000453101_00318_47746_6225.N1	18-APR-2011 00:12:55	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	47746	No
5	GOM_TRA_1PNPDE20110418_001747_000000363101_00318_47746_6226.N1	18-APR-2011 00:17:47	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	47746	No
6	GOM_TRA_1PNPDE20110418_002033_000000463101_00318_47746_6227.N1	18-APR-2011 00:20:33	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	47746	No
7	GOM_TRA_1PNPDE20110418_002256_000000363101_00318_47746_6228.N1	18-APR-2011 00:22:56	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	47746	No
8	GOM_TRA_1PNPDE20110418_002907_000000383101_00318_47746_6229.N1	18-APR-2011 00:29:07	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	47746	No
9	GOM_TRA_1PNPDE20110418_003915_000000393101_00318_47746_6230.N1	18-APR-2011 00:39:15	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	47746	No
10	GOM_TRA_1PNPDE20110418_004429_000000513101_00318_47746_6231.N1	18-APR-2011 00:44:29	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	47746	No
11	GOM_TRA_1PNPDE20110418_004616_000000583101_00318_47746_6232.N1	18-APR-2011 00:46:16	Bright	57.500	66	37Gam Cyg	2.2080	5900.0	115	47746	No
12	GOM_TRA_1PNPDE20110418_004857_000000593101_00318_47746_6233.N1	18-APR-2011 00:48:57	Bright	59.000	92	53Eps Cyg	2.5000	4500.0	118	47746	No
13	GOM_TRA_1PNPDE20110418_005638_000000523101_00318_47746_6234.N1	18-APR-2011 00:56:38	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	47746	No
14	GOM_TRA_1PNPDE20110418_005905_000000473101_00318_47746_6235.N1	18-APR-2011 00:59:05	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	47746	No
15	GOM_TRA_1PNPDE20110418_010151_000000523101_00318_47746_6236.N1	18-APR-2011 01:01:51	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	47746	No
16	GOM_TRA_1PNPDE20110418_010411_000000433101_00318_47746_6255.N1	18-APR-2011 01:04:11	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	47746	No
17	GOM_TRA_1PNPDE20110418_011851_000000583101_00319_47747_6256.N1	18-APR-2011 01:18:51	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	47747	No
18	GOM_TRA_1PNPDE20110418_012218_000000613101_00319_47747_6257.N1	18-APR-2011 01:22:18	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	47747	No
19	GOM_TRA_1PNPDE20110418_012427_000000563101_00319_47747_6258.N1	18-APR-2011 01:24:27	Dark	56.000	178	lot1Sco	3.0220	6550.0	112	47747	No
20	GOM_TRA_1PNPDE20110418_012603_000000653101_00319_47747_6259.N1	18-APR-2011 01:26:03	Straylight	64.500	25	35Lam Sco	1.6200	28000.	129	47747	No
21	GOM_TRA_1PNPDE20110418_012951_000000703101_00319_47747_6260.N1	18-APR-2011 01:29:51	Straylight	69.500	75	26Eps Sco	2.2910	4250.0	139	47747	No
22	GOM_TRA_1PNPDE20110418_013254_000000463101_00319_47747_6261.N1	18-APR-2011 01:32:54	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	47747	No
23	GOM_TRA_1PNPDE20110418_013512_000000453101_00319_47747_6262.N1	18-APR-2011 01:35:12	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	47747	No
24	GOM_TRA_1PNPDE20110418_014117_000000633101_00319_47747_6263.N1	18-APR-2011 01:41:17	Bright	62.500	122	9Alp2Lib	2.7470	9700.0	125	47747	No
25	GOM_TRA_1PNPDE20110418_014320_000000433101_00319_47747_6264.N1	18-APR-2011 01:43:20	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	47747	No
26	GOM_TRA_1PNPDE20110418_015001_000000393101_00319_47747_6265.N1	18-APR-2011 01:50:01	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	47747	No
27	GOM_TRA_1PNPDE20110418_015308_000000453101_00319_47747_6266.N1	18-APR-2011 01:53:08	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	47747	No
28	GOM_TRA_1PNPDE20110418_015801_000000363101_00319_47747_6267.N1	18-APR-2011 01:58:01	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	47747	No
29	GOM_TRA_1PNPDE20110418_020046_000000573101_00319_47747_6268.N1	18-APR-2011 02:00:46	Bright	56.500	180	27Gam Boo	3.0400	8000.0	113	47747	No
30	GOM_TRA_1PNPDE20110418_020310_000000403101_00319_47747_6269.N1	18-APR-2011 02:03:10	Bright	39.500	55	79Zet UMa	2.0600	10200.	79	47747	No
31	GOM_TRA_1PNPDE20110418_020921_000000403101_00319_47747_6270.N1	18-APR-2011 02:09:21	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	47747	No
32	GOM_TRA_1PNPDE20110418_021928_000000373101_00319_47747_6271.N1	18-APR-2011 02:19:28	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	47747	No
33	GOM_TRA_1PNPDE20110418_022442_000000513101_00319_47747_6272.N1	18-APR-2011 02:24:42	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	47747	No
34	GOM_TRA_1PNPDE20110418_022630_000000573101_00319_47747_6273.N1	18-APR-2011 02:26:30	Bright	57.000	66	37Gam Cyg	2.2080	5900.0	114	47747	No
35	GOM_TRA_1PNPDE20110418_022912_000000553101_00319_47747_6274.N1	18-APR-2011 02:29:12	Bright	54.500	92	53Eps Cyg	2.5000	4500.0	109	47747	No
36	GOM_TRA_1PNPDE20110418_023652_000000553101_00319_47747_6275.N1	18-APR-2011 02:36:52	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	47747	No

37	GOM_TRA_1PNPDE20110418_023920_000000493101_00319_47747_6276.N1	18-APR-2011 02:39:20	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	47747	No
38	GOM_TRA_1PNPDE20110418_024206_000000513101_00319_47747_6277.N1	18-APR-2011 02:42:06	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	47747	No
39	GOM_TRA_1PNPDE20110418_024426_000000443101_00319_47747_6278.N1	18-APR-2011 02:44:26	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	47747	No
40	GOM_TRA_1PNPDE20110418_025907_000000553101_00320_47748_6279.N1	18-APR-2011 02:59:07	Dark	55.000	103	38Zet Sgr	2.6000	9700.0	110	47748	No
41	GOM_TRA_1PNPDE20110418_030233_000000673101_00320_47748_6280.N1	18-APR-2011 03:02:33	Dark	67.000	38	20Eps Sgr	1.8360	11000.	134	47748	No
42	GOM_TRA_1PNPDE20110418_030443_000000563101_00320_47748_6281.N1	18-APR-2011 03:04:43	Dark	56.000	178	lot1Sco	3.0220	6550.0	112	47748	No
43	GOM_TRA_1PNPDE20110418_030618_000000653101_00320_47748_6282.N1	18-APR-2011 03:06:18	Straylight	65.000	25	35Lam Sco	1.6200	28000.	130	47748	No
44	GOM_TRA_1PNPDE20110418_031006_000000663101_00320_47748_6283.N1	18-APR-2011 03:10:06	Straylight	66.000	75	26Eps Sco	2.2910	4250.0	132	47748	No
45	GOM_TRA_1PNPDE20110418_031308_000000433101_00320_47748_6284.N1	18-APR-2011 03:13:08	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	47748	No
46	GOM_TRA_1PNPDE20110418_031527_000000473101_00320_47748_6285.N1	18-APR-2011 03:15:27	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	47748	No
47	GOM_TRA_1PNPDE20110418_032131_000000613101_00320_47748_6286.N1	18-APR-2011 03:21:31	Bright	60.500	122	9Alp2Lib	2.7470	9700.0	121	47748	No
48	GOM_TRA_1PNPDE20110418_032334_000000423101_00320_47748_6287.N1	18-APR-2011 03:23:34	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	47748	No
49	GOM_TRA_1PNPDE20110418_033015_000000383101_00320_47748_6288.N1	18-APR-2011 03:30:15	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	47748	No
50	GOM_TRA_1PNPDE20110418_033322_000000473101_00320_47748_6289.N1	18-APR-2011 03:33:22	Bright	46.500	111	8Eta Boo	2.6800	6000.0	93	47748	No
51	GOM_TRA_1PNPDE20110418_033815_000000373101_00320_47748_6290.N1	18-APR-2011 03:38:15	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	47748	No
52	GOM_TRA_1PNPDE20110418_034059_000000583101_00320_47748_6291.N1	18-APR-2011 03:40:59	Bright	57.500	180	27Gam Boo	3.0400	8000.0	115	47748	No
53	GOM_TRA_1PNPDE20110418_034324_000000403101_00320_47748_6292.N1	18-APR-2011 03:43:24	Bright	39.500	55	79Zet UMa	2.0600	10200.	79	47748	No
54	GOM_TRA_1PNPDE20110418_034935_000000403101_00320_47748_6293.N1	18-APR-2011 03:49:35	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	47748	No
55	GOM_TRA_1PNPDE20110418_035942_000000393101_00320_47748_6289.N1	18-APR-2011 03:59:42	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	47748	No
56	GOM_TRA_1PNPDE20110418_040456_000000513101_00320_47748_6290.N1	18-APR-2011 04:04:56	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	47748	No
57	GOM_TRA_1PNPDE20110418_040644_000000553101_00320_47748_6291.N1	18-APR-2011 04:06:44	Bright	54.500	66	37Gam Cyg	2.2080	5900.0	109	47748	No
58	GOM_TRA_1PNPDE20110418_040926_000000593101_00320_47748_6292.N1	18-APR-2011 04:09:26	Bright	58.500	92	53Eps Cyg	2.5000	4500.0	117	47748	No
59	GOM_TRA_1PNPDE20110418_041706_000000583101_00320_47748_6293.N1	18-APR-2011 04:17:06	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	47748	No
60	GOM_TRA_1PNPDE20110418_041934_000000463101_00320_47748_6294.N1	18-APR-2011 04:19:34	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	47748	No
61	GOM_TRA_1PNPDE20110418_042220_000000503101_00320_47748_6295.N1	18-APR-2011 04:22:20	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	47748	No
62	GOM_TRA_1PNPDE20110418_042440_000000473101_00320_47748_6296.N1	18-APR-2011 04:24:40	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	47748	No
63	GOM_TRA_1PNPDE20110418_043922_000000553101_00321_47749_6297.N1	18-APR-2011 04:39:22	Dark	55.000	103	38Zet Sgr	2.6000	9700.0	110	47749	No
64	GOM_TRA_1PNPDE20110418_044249_000000663101_00321_47749_6298.N1	18-APR-2011 04:42:49	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	47749	No
65	GOM_TRA_1PNPDE20110418_044458_000000573101_00321_47749_6299.N1	18-APR-2011 04:44:58	Dark	57.000	178	lot1Sco	3.0220	6550.0	114	47749	No
66	GOM_TRA_1PNPDE20110418_044633_000000683101_00321_47749_6300.N1	18-APR-2011 04:46:33	Straylight	67.500	25	35Lam Sco	1.6200	28000.	135	47749	No
67	GOM_TRA_1PNPDE20110418_045021_000000693101_00321_47749_6301.N1	18-APR-2011 04:50:21	Straylight	68.500	75	26Eps Sco	2.2910	4250.0	137	47749	No
68	GOM_TRA_1PNPDE20110418_045323_000000453101_00321_47749_6302.N1	18-APR-2011 04:53:23	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	47749	No
69	GOM_TRA_1PNPDE20110418_045541_000000493101_00321_47749_6303.N1	18-APR-2011 04:55:41	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	47749	No
70	GOM_TRA_1PNPDE20110418_050145_000000583101_00321_47749_6304.N1	18-APR-2011 05:01:45	Bright	58.000	122	9Alp2Lib	2.7470	9700.0	116	47749	No
71	GOM_TRA_1PNPDE20110418_050348_000000433101_00321_47749_6305.N1	18-APR-2011 05:03:48	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	47749	No
72	GOM_TRA_1PNPDE20110418_051029_000000393101_00321_47749_6306.N1	18-APR-2011 05:10:29	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	47749	No
73	GOM_TRA_1PNPDE20110418_051336_000000443101_00321_47749_6307.N1	18-APR-2011 05:13:36	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	47749	No
74	GOM_TRA_1PNPDE20110418_051829_000000383101_00321_47749_6308.N1	18-APR-2011 05:18:29	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	47749	No
75	GOM_TRA_1PNPDE20110418_052113_000000503101_00321_47749_6309.N1	18-APR-2011 05:21:13	Bright	50.000	180	27Gam Boo	3.0400	8000.0	100	47749	No
76	GOM_TRA_1PNPDE20110418_052337_000000573101_00321_47749_6310.N1	18-APR-2011 05:23:37	Bright	57.000	55	79Zet UMa	2.0600	10200.	114	47749	No
77	GOM_TRA_1PNPDE20110418_052948_000000403101_00321_47749_6311.N1	18-APR-2011 05:29:48	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	47749	No
78	GOM_TRA_1PNPDE20110418_053956_000000403101_00321_47749_6307.N1	18-APR-2011 05:39:56	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	47749	No
79	GOM_TRA_1PNPDE20110418_054510_000000513101_00321_47749_6308.N1	18-APR-2011 05:45:10	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	47749	No
80	GOM_TRA_1PNPDE20110418_054658_000000573101_00321_47749_6309.N1	18-APR-2011 05:46:58	Bright	56.500	66	37Gam Cyg	2.2080	5900.0	113	47749	No
81	GOM_TRA_1PNPDE20110418_054940_000000583101_00321_47749_6310.N1	18-APR-2011 05:49:40	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	47749	No
82	GOM_TRA_1PNPDE20110418_055721_000000543101_00321_47749_6311.N1	18-APR-2011 05:57:21	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	47749	No
83	GOM_TRA_1PNPDE20110418_055949_000000483101_00321_47749_6312.N1	18-APR-2011 05:59:49	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	47749	No
84	GOM_TRA_1PNPDE20110418_060235_000000493101_00321_47749_6313.N1	18-APR-2011 06:02:35	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	47749	No
85	GOM_TRA_1PNPDE20110418_060455_000000443101_00321_47749_6314.N1	18-APR-2011 06:04:55	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	47749	No
86	GOM_TRA_1PNPDE20110418_061938_000000523101_00322_47750_6315.N1	18-APR-2011 06:19:38	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	47750	No
87	GOM_TRA_1PNPDE20110418_062305_000000773101_00322_47750_6316.N1	18-APR-2011 06:23:05	Dark	77.000	38	20Eps Sgr	1.8360	11000.	154	47750	No
88	GOM_TRA_1PNPDE20110418_062513_000000573101_00322_47750_6317.N1	18-APR-2011 06:25:13	Dark	57.000	178	lot1Sco	3.0220	6550.0	114	47750	No
89	GOM_TRA_1PNPDE20110418_062649_000000693101_00322_47750_6318.N1	18-APR-2011 06:26:49	Straylight	68.500	25	35Lam Sco	1.6200	28000.	137	47750	No
90	GOM_TRA_1PNPDE20110418_063036_000000683101_00322_47750_6319.N1	18-APR-2011 06:30:36	Straylight	67.500	75	26Eps Sco	2.2910	4250.0	135	47750	No
91	GOM_TRA_1PNPDE20110418_063337_000000423101_00322_47750_6320.N1	18-APR-2011 06:33:37	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	47750	No
92	GOM_TRA_1PNPDE20110418_063555_000000513101_00322_47750_6321.N1	18-APR-2011 06:35:55	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	47750	No
93	GOM_TRA_1PNPDE20110418_064159_000000553101_00322_47750_6322.N1	18-APR-2011 06:41:59	Bright	55.000	122	9Alp2Lib	2.7470	9700.0	110	47750	No
94	GOM_TRA_1PNPDE20110418_064402_000000413101_00322_47750_6323.N1	18-APR-2011 06:44:02	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	47750	No
95	GOM_TRA_1PNPDE20110418_065043_000000393101_00322_47750_6324.N1	18-APR-2011 06:50:43	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	47750	No

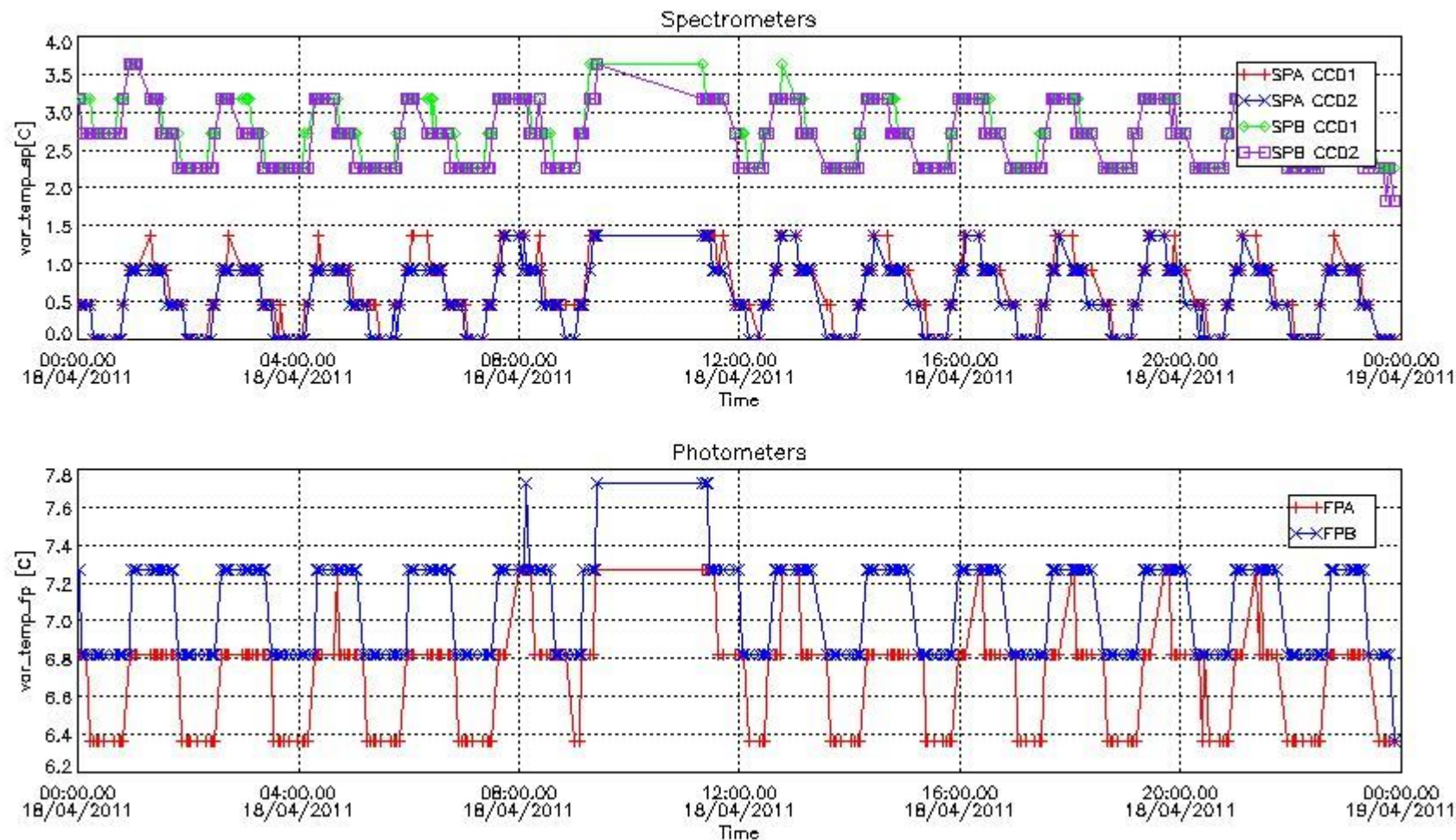
96	GOM_TRA_1PNPDE20110418_065349_000000463101_00322_47750_6325.N1	18-APR-2011 06:53:49	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	47750	No
97	GOM_TRA_1PNPDE20110418_065843_000000383101_00322_47750_6326.N1	18-APR-2011 06:58:43	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	47750	No
98	GOM_TRA_1PNPDE20110418_070126_000000473101_00322_47750_6327.N1	18-APR-2011 07:01:26	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	47750	No
99	GOM_TRA_1PNPDE20110418_070351_000000383101_00322_47750_6328.N1	18-APR-2011 07:03:51	Bright	38.000	55	79Zet UMa	2.0600	10200.	76	47750	No
100	GOM_TRA_1PNPDE20110418_071002_000000403101_00322_47750_6329.N1	18-APR-2011 07:10:02	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	47750	No
101	GOM_TRA_1PNPDK20110418_072010_000000383101_00322_47750_5408.N1	18-APR-2011 07:20:10	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	47750	No
102	GOM_TRA_1PNPDK20110418_072524_000000713101_00322_47750_5409.N1	18-APR-2011 07:25:24	Bright	71.000	19	50Alp Cyg	1.2460	10500.	142	47750	No
103	GOM_TRA_1PNPDK20110418_072712_000000583101_00322_47750_5410.N1	18-APR-2011 07:27:12	Bright	58.000	66	37Gam Cyg	2.2080	5900.0	116	47750	No
104	GOM_TRA_1PNPDK20110418_072954_000000583101_00322_47750_5411.N1	18-APR-2011 07:29:54	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	47750	No
105	GOM_TRA_1PNPDK20110418_073735_000000553101_00322_47750_5412.N1	18-APR-2011 07:37:35	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	47750	No
106	GOM_TRA_1PNPDK20110418_074003_000000493101_00322_47750_5413.N1	18-APR-2011 07:40:03	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	47750	No
107	GOM_TRA_1PNPDK20110418_074250_000000503101_00322_47750_5414.N1	18-APR-2011 07:42:50	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	47750	No
108	GOM_TRA_1PNPDK20110418_074510_000000463101_00322_47750_5415.N1	18-APR-2011 07:45:10	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	47750	No
109	GOM_TRA_1PNPDK20110418_075954_000000523101_00323_47751_5416.N1	18-APR-2011 07:59:54	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	47751	No
110	GOM_TRA_1PNPDK20110418_080320_000000693101_00323_47751_5417.N1	18-APR-2011 08:03:20	Dark	68.500	38	20Eps Sgr	1.8360	11000.	137	47751	No
111	GOM_TRA_1PNPDK20110418_080528_000000573101_00323_47751_5418.N1	18-APR-2011 08:05:28	Dark	56.500	178	lot1Sco	3.0220	6550.0	113	47751	No
112	GOM_TRA_1PNPDK20110418_080704_000000653101_00323_47751_5419.N1	18-APR-2011 08:07:04	Straylight	64.500	25	35Lam Sco	1.6200	28000.	129	47751	No
113	GOM_TRA_1PNPDK20110418_081051_000000713101_00323_47751_5420.N1	18-APR-2011 08:10:51	Straylight	70.500	75	26Eps Sco	2.2910	4250.0	141	47751	No
114	GOM_TRA_1PNPDK20110418_081352_000000433101_00323_47751_5421.N1	18-APR-2011 08:13:52	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	47751	No
115	GOM_TRA_1PNPDK20110418_081609_000000473101_00323_47751_5422.N1	18-APR-2011 08:16:09	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	47751	No
116	GOM_TRA_1PNPDK20110418_082213_000000613101_00323_47751_5443.N1	18-APR-2011 08:22:13	Bright	61.000	122	9Alp2Lib	2.7470	9700.0	122	47751	Yes
117	GOM_TRA_1PNPDK20110418_082417_000000423101_00323_47751_5444.N1	18-APR-2011 08:24:17	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	47751	No
118	GOM_TRA_1PNPDK20110418_083057_000000383101_00323_47751_5445.N1	18-APR-2011 08:30:57	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	47751	No
119	GOM_TRA_1PNPDK20110418_083402_000000613101_00323_47751_5446.N1	18-APR-2011 08:34:02	Bright	60.500	111	8Eta Boo	2.6800	6000.0	121	47751	No
120	GOM_TRA_1PNPDK20110418_083856_000000383101_00323_47751_5447.N1	18-APR-2011 08:38:56	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	47751	No
121	GOM_TRA_1PNPDK20110418_084139_000000473101_00323_47751_5448.N1	18-APR-2011 08:41:39	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	47751	No
122	GOM_TRA_1PNPDK20110418_084405_000000503101_00323_47751_5449.N1	18-APR-2011 08:44:05	Bright	50.000	55	79Zet UMa	2.0600	10200.	100	47751	No
123	GOM_TRA_1PNPDK20110418_085016_000000413101_00323_47751_5450.N1	18-APR-2011 08:50:16	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	47751	No
124	GOM_TRA_1PNPDK20110418_090024_000000443101_00323_47751_5451.N1	18-APR-2011 09:00:24	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	47751	No
125	GOM_TRA_1PNPDK20110418_090538_000000503101_00323_47751_5452.N1	18-APR-2011 09:05:38	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	47751	No
126	GOM_TRA_1PNPDK20110418_090726_000000543101_00323_47751_5453.N1	18-APR-2011 09:07:26	Bright	54.000	66	37Gam Cyg	2.2080	5900.0	108	47751	No
127	GOM_TRA_1PNPDK20110418_091008_000000583101_00323_47751_5454.N1	18-APR-2011 09:10:08	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	47751	No
128	GOM_TRA_1PNPDK20110418_091750_000000553101_00323_47751_5455.N1	18-APR-2011 09:17:50	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	47751	No
129	GOM_TRA_1PNPDK20110418_092018_000000493101_00323_47751_5456.N1	18-APR-2011 09:20:18	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	47751	No
130	GOM_TRA_1PNPDK20110418_092305_000000523101_00323_47751_5457.N1	18-APR-2011 09:23:05	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	47751	No
131	GOM_TRA_1PNPDK20110418_092524_000000443101_00323_47751_5458.N1	18-APR-2011 09:25:24	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	47751	No
132	GOM_TRA_1PNPDK20110418_112025_000000643101_00325_47753_5485.N1	18-APR-2011 11:20:25	Dark	63.500	103	38Zet Sgr	2.6000	9700.0	127	47753	No
133	GOM_TRA_1PNPDK20110418_112351_000000623101_00325_47753_5486.N1	18-APR-2011 11:23:51	Dark	62.000	38	20Eps Sgr	1.8360	11000.	124	47753	No
134	GOM_TRA_1PNPDK20110418_112558_000000573101_00325_47753_5487.N1	18-APR-2011 11:25:58	Dark	57.000	178	lot1Sco	3.0220	6550.0	114	47753	No
135	GOM_TRA_1PNPDK20110418_112734_000000623101_00325_47753_5488.N1	18-APR-2011 11:27:34	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	47753	No
136	GOM_TRA_1PNPDK20110418_113122_000000663101_00325_47753_5489.N1	18-APR-2011 11:31:22	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	47753	No
137	GOM_TRA_1PNPDK20110418_113327_000000443101_00325_47753_5490.N1	18-APR-2011 11:33:27	Straylight	43.500	109	Bet Lup	2.6770	26000.	87	47753	No
138	GOM_TRA_1PNPDK20110418_113709_000000623101_00325_47753_5491.N1	18-APR-2011 11:37:09	Straylight	61.500	158	6Pi Sco	2.9060	28000.	123	47753	No
139	GOM_TRA_1PNPDK20110418_114241_000000633101_00325_47753_5516.N1	18-APR-2011 11:42:41	Bright	63.000	122	9Alp2Lib	2.7470	9700.0	126	47753	Yes
140	GOM_TRA_1PNPDK20110418_115430_000000653101_00325_47753_5517.N1	18-APR-2011 11:54:30	Bright	65.000	111	8Eta Boo	2.6800	6000.0	130	47753	No
141	GOM_TRA_1PNPDK20110418_115925_000000813101_00325_47753_5518.N1	18-APR-2011 11:59:25	Bright	81.000	83		2.3780	11000.	162	47753	No
142	GOM_TRA_1PNPDK20110418_120206_000000623101_00325_47753_5519.N1	18-APR-2011 12:02:06	Bright	61.500	180	27Gam Boo	3.0400	8000.0	123	47753	No
143	GOM_TRA_1PNPDK20110418_120432_000000413101_00325_47753_5520.N1	18-APR-2011 12:04:32	Bright	40.500	55	79Zet UMa	2.0600	10200.	81	47753	No
144	GOM_TRA_1PNPDK20110418_121043_000000403101_00325_47753_5521.N1	18-APR-2011 12:10:43	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	47753	No
145	GOM_TRA_1PNPDK20110418_122051_000000383101_00325_47753_5522.N1	18-APR-2011 12:20:51	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	47753	No
146	GOM_TRA_1PNPDK20110418_122508_000000563101_00325_47753_5523.N1	18-APR-2011 12:25:08	Bright	56.000	144	18Del Cyg	2.8600	11000.	112	47753	No
147	GOM_TRA_1PNPDK20110418_122753_000000793101_00325_47753_5524.N1	18-APR-2011 12:27:53	Bright	79.000	66	37Gam Cyg	2.2080	5900.0	158	47753	No
148	GOM_TRA_1PNPDK20110418_123036_000000623101_00325_47753_5525.N1	18-APR-2011 12:30:36	Bright	62.000	92	53Eps Cyg	2.5000	4500.0	124	47753	No
149	GOM_TRA_1PNPDK20110418_123819_000000583101_00325_47753_5526.N1	18-APR-2011 12:38:19	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	47753	No
150	GOM_TRA_1PNPDK20110418_124047_000000463101_00325_47753_5527.N1	18-APR-2011 12:40:47	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	47753	No
151	GOM_TRA_1PNPDK20110418_124334_000000533101_00325_47753_5528.N1	18-APR-2011 12:43:34	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	47753	No
152	GOM_TRA_1PNPDK20110418_124553_000000453101_00325_47753_5529.N1	18-APR-2011 12:45:53	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	47753	No
153	GOM_TRA_1PNPDK20110418_130041_000000663101_00326_47754_5530.N1	18-APR-2011 13:00:41	Dark	66.000	103	38Zet Sgr	2.6000	9700.0	132	47754	No
154	GOM_TRA_1PNPDK20110418_130407_000000623101_00326_47754_5531.N1	18-APR-2011 13:04:07	Dark	62.000	38	20Eps Sgr	1.8360	11000.	124	47754	No

155	GOM_TRA_1PNPDK20110418_130613_000000563101_00326_47754_5532.N1	18-APR-2011 13:06:13	Dark	55.500	178	lot1Sco	3.0220	6550.0	111	47754	No
156	GOM_TRA_1PNPDK20110418_130749_000000633101_00326_47754_5533.N1	18-APR-2011 13:07:49	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	47754	No
157	GOM_TRA_1PNPDK20110418_131136_000000703101_00326_47754_5534.N1	18-APR-2011 13:11:36	Straylight	70.000	75	26Eps Sco	2.2910	4250.0	140	47754	No
158	GOM_TRA_1PNPDK20110418_131341_000000433101_00326_47754_5535.N1	18-APR-2011 13:13:41	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	47754	No
159	GOM_TRA_1PNPDK20110418_131723_000000633101_00326_47754_5536.N1	18-APR-2011 13:17:23	Straylight	63.000	158	6Pi Sco	2.9060	28000.	126	47754	No
160	GOM_TRA_1PNPDK20110418_133443_000000453101_00326_47754_5570.N1	18-APR-2011 13:34:43	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	47754	No
161	GOM_TRA_1PNPDK20110418_133938_000000583101_00326_47754_5571.N1	18-APR-2011 13:39:38	Bright	58.000	83		2.3780	11000.	116	47754	No
162	GOM_TRA_1PNPDK20110418_134219_000000483101_00326_47754_5572.N1	18-APR-2011 13:42:19	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	47754	No
163	GOM_TRA_1PNPDK20110418_134446_000000413101_00326_47754_5573.N1	18-APR-2011 13:44:46	Bright	40.500	55	79Zet UMa	2.0600	10200.	81	47754	No
164	GOM_TRA_1PNPDK20110418_135057_000000393101_00326_47754_5574.N1	18-APR-2011 13:50:57	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	47754	No
165	GOM_TRA_1PNPDK20110418_140105_000000403101_00326_47754_5575.N1	18-APR-2011 14:01:05	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	47754	No
166	GOM_TRA_1PNPDK20110418_140521_000000523101_00326_47754_5576.N1	18-APR-2011 14:05:21	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	47754	No
167	GOM_TRA_1PNPDK20110418_140807_000000563101_00326_47754_5577.N1	18-APR-2011 14:08:07	Bright	55.500	66	37Gam Cyg	2.2080	5900.0	111	47754	No
168	GOM_TRA_1PNPDK20110418_141050_000000623101_00326_47754_5578.N1	18-APR-2011 14:10:50	Bright	61.500	92	53Eps Cyg	2.5000	4500.0	123	47754	No
169	GOM_TRA_1PNPDK20110418_141833_000000573101_00326_47754_5579.N1	18-APR-2011 14:18:33	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	47754	No
170	GOM_TRA_1PNPDK20110418_142101_000000473101_00326_47754_5580.N1	18-APR-2011 14:21:01	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	47754	No
171	GOM_TRA_1PNPDK20110418_142349_000000483101_00326_47754_5581.N1	18-APR-2011 14:23:49	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	47754	No
172	GOM_TRA_1PNPDK20110418_142608_000000463101_00326_47754_5582.N1	18-APR-2011 14:26:08	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	47754	No
173	GOM_TRA_1PNPDK20110418_144057_000000643101_00327_47755_5583.N1	18-APR-2011 14:40:57	Dark	64.000	103	38Zet Sgr	2.6000	9700.0	128	47755	No
174	GOM_TRA_1PNPDK20110418_144422_000000653101_00327_47755_5584.N1	18-APR-2011 14:44:22	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	47755	No
175	GOM_TRA_1PNPDK20110418_144629_000000563101_00327_47755_5585.N1	18-APR-2011 14:46:29	Dark	56.000	178	lot1Sco	3.0220	6550.0	112	47755	No
176	GOM_TRA_1PNPDK20110418_144805_000000623101_00327_47755_5586.N1	18-APR-2011 14:48:05	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	47755	No
177	GOM_TRA_1PNPDK20110418_145152_000000673101_00327_47755_5587.N1	18-APR-2011 14:51:52	Straylight	66.500	75	26Eps Sco	2.2910	4250.0	133	47755	No
178	GOM_TRA_1PNPDK20110418_145356_000000433101_00327_47755_5588.N1	18-APR-2011 14:53:56	Straylight	43.000	109	Bet Lup	2.6770	26000.	86	47755	No
179	GOM_TRA_1PNPDK20110418_145738_000000623101_00327_47755_5589.N1	18-APR-2011 14:57:38	Straylight	62.000	158	6Pi Sco	2.9060	28000.	124	47755	No
180	GOM_TRA_1PNPDK20110418_150310_000000523101_00327_47755_5601.N1	18-APR-2011 15:03:10	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	47755	No
181	GOM_TRA_1PNPDK20110418_151457_000000653101_00327_47755_5602.N1	18-APR-2011 15:14:57	Bright	65.000	111	8Eta Boo	2.6800	6000.0	130	47755	No
182	GOM_TRA_1PNPDK20110418_151951_000000533101_00327_47755_5603.N1	18-APR-2011 15:19:51	Bright	52.500	83		2.3780	11000.	105	47755	No
183	GOM_TRA_1PNPDK20110418_152232_000000463101_00327_47755_5604.N1	18-APR-2011 15:22:32	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	47755	No
184	GOM_TRA_1PNPDK20110418_152459_000000393101_00327_47755_5605.N1	18-APR-2011 15:24:59	Bright	39.000	55	79Zet UMa	2.0600	10200.	78	47755	No
185	GOM_TRA_1PNPDK20110418_153111_000000393101_00327_47755_5606.N1	18-APR-2011 15:31:11	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	47755	No
186	GOM_TRA_1PNPDK20110418_154119_000000393101_00327_47755_5607.N1	18-APR-2011 15:41:19	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	47755	No
187	GOM_TRA_1PNPDK20110418_154535_000000523101_00327_47755_5608.N1	18-APR-2011 15:45:35	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	47755	No
188	GOM_TRA_1PNPDK20110418_154821_000000583101_00327_47755_5609.N1	18-APR-2011 15:48:21	Bright	57.500	66	37Gam Cyg	2.2080	5900.0	115	47755	No
189	GOM_TRA_1PNPDK20110418_155104_000000593101_00327_47755_5610.N1	18-APR-2011 15:51:04	Bright	58.500	92	53Eps Cyg	2.5000	4500.0	117	47755	No
190	GOM_TRA_1PNPDK20110418_155848_000000513101_00327_47755_5611.N1	18-APR-2011 15:58:48	Dark	51.000	61	8Eps Peg	2.1000	3900.0	102	47755	No
191	GOM_TRA_1PNPDK20110418_160116_000000473101_00327_47755_5612.N1	18-APR-2011 16:01:16	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	47755	No
192	GOM_TRA_1PNPDK20110418_160403_000000513101_00327_47755_5613.N1	18-APR-2011 16:04:03	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	47755	No
193	GOM_TRA_1PNPDK20110418_160623_000000423101_00327_47755_5614.N1	18-APR-2011 16:06:23	Dark	41.500	142	49Del Cap	2.8500	8900.0	83	47755	No
194	GOM_TRA_1PNPDK20110418_162112_000000663101_00328_47756_5615.N1	18-APR-2011 16:21:12	Dark	66.000	103	38Zet Sgr	2.6000	9700.0	132	47756	No
195	GOM_TRA_1PNPDK20110418_162438_000000663101_00328_47756_5616.N1	18-APR-2011 16:24:38	Dark	66.000	38	20Eps Sgr	1.8360	11000.	132	47756	No
196	GOM_TRA_1PNPDK20110418_162644_000000553101_00328_47756_5617.N1	18-APR-2011 16:26:44	Dark	55.000	178	lot1Sco	3.0220	6550.0	110	47756	No
197	GOM_TRA_1PNPDK20110418_162820_000000663101_00328_47756_5618.N1	18-APR-2011 16:28:20	Straylight	66.000	25	35Lam Sco	1.6200	28000.	132	47756	No
198	GOM_TRA_1PNPDK20110418_163206_000000683101_00328_47756_5619.N1	18-APR-2011 16:32:06	Straylight	68.000	75	26Eps Sco	2.2910	4250.0	136	47756	No
199	GOM_TRA_1PNPDK20110418_163410_000000433101_00328_47756_5620.N1	18-APR-2011 16:34:10	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	47756	No
200	GOM_TRA_1PNPDK20110418_163753_000000663101_00328_47756_5632.N1	18-APR-2011 16:37:53	Tw_i_and_stray	66.000	158	6Pi Sco	2.9060	28000.	132	47756	No
201	GOM_TRA_1PNPDK20110418_164324_000000573101_00328_47756_5633.N1	18-APR-2011 16:43:24	Bright	57.000	122	9Alp2Lib	2.7470	9700.0	114	47756	No
202	GOM_TRA_1PNPDK20110418_165510_000000453101_00328_47756_5634.N1	18-APR-2011 16:55:10	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	47756	No
203	GOM_TRA_1PNPDK20110418_170004_000000563101_00328_47756_5635.N1	18-APR-2011 17:00:04	Bright	56.000	83		2.3780	11000.	112	47756	No
204	GOM_TRA_1PNPDK20110418_170245_000000483101_00328_47756_5636.N1	18-APR-2011 17:02:45	Bright	47.500	180	27Gam Boo	3.0400	8000.0	95	47756	No
205	GOM_TRA_1PNPDK20110418_170513_000000383101_00328_47756_5637.N1	18-APR-2011 17:05:13	Bright	38.000	55	79Zet UMa	2.0600	10200.	76	47756	No
206	GOM_TRA_1PNPDK20110418_171124_000000413101_00328_47756_5638.N1	18-APR-2011 17:11:24	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	47756	No
207	GOM_TRA_1PNPDK20110418_172132_000000403101_00328_47756_5639.N1	18-APR-2011 17:21:32	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	47756	No
208	GOM_TRA_1PNPDK20110418_172548_000000483101_00328_47756_5640.N1	18-APR-2011 17:25:48	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	47756	No
209	GOM_TRA_1PNPDK20110418_172835_000000583101_00328_47756_5641.N1	18-APR-2011 17:28:35	Bright	58.000	66	37Gam Cyg	2.2080	5900.0	116	47756	No
210	GOM_TRA_1PNPDK20110418_173118_000000643101_00328_47756_5642.N1	18-APR-2011 17:31:18	Bright	64.000	92	53Eps Cyg	2.5000	4500.0	128	47756	No
211	GOM_TRA_1PNPDK20110418_173902_000000553101_00328_47756_5643.N1	18-APR-2011 17:39:02	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	47756	No
212	GOM_TRA_1PNPDK20110418_174130_000000463101_00328_47756_5644.N1	18-APR-2011 17:41:30	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	47756	No
213	GOM_TRA_1PNPDK20110418_174418_000000533101_00328_47756_5645.N1	18-APR-2011 17:44:18	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	47756	No

214	GOM_TRA_1PNPDK20110418_174637_000000463101_00328_47756_5646.N1	18-APR-2011 17:46:37	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	47756	No
215	GOM_TRA_1PNPDK20110418_180128_000000693101_00329_47757_5647.N1	18-APR-2011 18:01:28	Dark	68.500	103	38Zet Sgr	2.6000	9700.0	137	47757	No
216	GOM_TRA_1PNPDK20110418_180453_000000633101_00329_47757_5648.N1	18-APR-2011 18:04:53	Dark	62.500	38	20Eps Sgr	1.8360	11000.	125	47757	No
217	GOM_TRA_1PNPDK20110418_180659_000000583101_00329_47757_5649.N1	18-APR-2011 18:06:59	Dark	58.000	178	lot1Sco	3.0220	6550.0	116	47757	No
218	GOM_TRA_1PNPDK20110418_180835_000000613101_00329_47757_5650.N1	18-APR-2011 18:08:35	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	47757	No
219	GOM_TRA_1PNPDK20110418_181221_000000703101_00329_47757_5651.N1	18-APR-2011 18:12:21	Straylight	70.000	75	26Eps Sco	2.2910	4250.0	140	47757	No
220	GOM_TRA_1PNPDK20110418_181425_000000433101_00329_47757_5652.N1	18-APR-2011 18:14:25	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	47757	No
221	GOM_TRA_1PNPDK20110418_181807_000000673101_00329_47757_5669.N1	18-APR-2011 18:18:07	Tw_i_and_stray	66.500	158	6Pi Sco	2.9060	28000.	133	47757	No
222	GOM_TRA_1PNPDK20110418_182338_000000623101_00329_47757_5670.N1	18-APR-2011 18:23:38	Bright	61.500	122	9Alp2Lib	2.7470	9700.0	123	47757	No
223	GOM_TRA_1PNPDK20110418_183524_000000453101_00329_47757_5671.N1	18-APR-2011 18:35:24	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	47757	No
224	GOM_TRA_1PNPDK20110418_184017_000000563101_00329_47757_5672.N1	18-APR-2011 18:40:17	Bright	55.500	83		2.3780	11000.	111	47757	No
225	GOM_TRA_1PNPDK20110418_184259_000000453101_00329_47757_5673.N1	18-APR-2011 18:42:59	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	47757	No
226	GOM_TRA_1PNPDK20110418_184527_000000383101_00329_47757_5674.N1	18-APR-2011 18:45:27	Bright	38.000	55	79Zet UMa	2.0600	10200.	76	47757	No
227	GOM_TRA_1PNPDK20110418_185138_000000403101_00329_47757_5675.N1	18-APR-2011 18:51:38	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	47757	No
228	GOM_TRA_1PNPDK20110418_190146_000000383101_00329_47757_5676.N1	18-APR-2011 19:01:46	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	47757	No
229	GOM_TRA_1PNPDK20110418_190602_000000483101_00329_47757_5677.N1	18-APR-2011 19:06:02	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	47757	No
230	GOM_TRA_1PNPDK20110418_190849_000000583101_00329_47757_5678.N1	18-APR-2011 19:08:49	Bright	58.000	66	37Gam Cyg	2.2080	5900.0	116	47757	No
231	GOM_TRA_1PNPDK20110418_191132_000000643101_00329_47757_5679.N1	18-APR-2011 19:11:32	Bright	64.000	92	53Eps Cyg	2.5000	4500.0	128	47757	No
232	GOM_TRA_1PNPDK20110418_191917_000000533101_00329_47757_5680.N1	18-APR-2011 19:19:17	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	47757	No
233	GOM_TRA_1PNPDK20110418_192145_000000473101_00329_47757_5681.N1	18-APR-2011 19:21:45	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	47757	No
234	GOM_TRA_1PNPDK20110418_192433_000000513101_00329_47757_5682.N1	18-APR-2011 19:24:33	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	47757	No
235	GOM_TRA_1PNPDK20110418_192652_000000453101_00329_47757_5683.N1	18-APR-2011 19:26:52	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	47757	No
236	GOM_TRA_1PNPDK20110418_194144_000000643101_00330_47758_5684.N1	18-APR-2011 19:41:44	Dark	64.000	103	38Zet Sgr	2.6000	9700.0	128	47758	No
237	GOM_TRA_1PNPDK20110418_194509_000000663101_00330_47758_5685.N1	18-APR-2011 19:45:09	Dark	65.500	38	20Eps Sgr	1.8360	11000.	131	47758	No
238	GOM_TRA_1PNPDK20110418_194714_000000563101_00330_47758_5686.N1	18-APR-2011 19:47:14	Dark	55.500	178	lot1Sco	3.0220	6550.0	111	47758	No
239	GOM_TRA_1PNPDK20110418_194851_000000633101_00330_47758_5687.N1	18-APR-2011 19:48:51	Straylight	62.500	25	35Lam Sco	1.6200	28000.	125	47758	No
240	GOM_TRA_1PNPDE20110418_195237_000000683101_00330_47758_6425.N1	18-APR-2011 19:52:37	Straylight	68.000	75	26Eps Sco	2.2910	4250.0	136	47758	Yes
241	GOM_TRA_1PNPDE20110418_195439_000000453101_00330_47758_6426.N1	18-APR-2011 19:54:39	Straylight	45.000	109	Bet Lup	2.6770	26000.	90	47758	No
242	GOM_TRA_1PNPDE20110418_195822_000000643101_00330_47758_6427.N1	18-APR-2011 19:58:22	Tw_i_and_stray	64.000	158	6Pi Sco	2.9060	28000.	128	47758	No
243	GOM_TRA_1PNPDE20110418_200352_000000583101_00330_47758_6428.N1	18-APR-2011 20:03:52	Bright	58.000	122	9Alp2Lib	2.7470	9700.0	116	47758	No
244	GOM_TRA_1PNPDE20110418_201538_000000653101_00330_47758_6429.N1	18-APR-2011 20:15:38	Bright	65.000	111	8Eta Boo	2.6800	6000.0	130	47758	No
245	GOM_TRA_1PNPDE20110418_202030_000000593101_00330_47758_6430.N1	18-APR-2011 20:20:30	Bright	58.500	83		2.3780	11000.	117	47758	No
246	GOM_TRA_1PNPDE20110418_202312_000000483101_00330_47758_6431.N1	18-APR-2011 20:23:12	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	47758	No
247	GOM_TRA_1PNPDE20110418_202541_000000413101_00330_47758_6432.N1	18-APR-2011 20:25:41	Bright	41.000	55	79Zet UMa	2.0600	10200.	82	47758	No
248	GOM_TRA_1PNPDE20110418_203152_000000413101_00330_47758_6433.N1	18-APR-2011 20:31:52	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	47758	No
249	GOM_TRA_1PNPDE20110418_204200_000000403101_00330_47758_6434.N1	18-APR-2011 20:42:00	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	47758	No
250	GOM_TRA_1PNPDE20110418_204616_000000433101_00330_47758_6435.N1	18-APR-2011 20:46:16	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	47758	No
251	GOM_TRA_1PNPDE20110418_204902_000000603101_00330_47758_6436.N1	18-APR-2011 20:49:02	Bright	59.500	66	37Gam Cyg	2.2080	5900.0	119	47758	No
252	GOM_TRA_1PNPDE20110418_205146_000000653101_00330_47758_6437.N1	18-APR-2011 20:51:46	Bright	64.500	92	53Eps Cyg	2.5000	4500.0	129	47758	No
253	GOM_TRA_1PNPDE20110418_205931_000000573101_00330_47758_6438.N1	18-APR-2011 20:59:31	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	47758	No
254	GOM_TRA_1PNPDE20110418_210159_000000463101_00330_47758_6442.N1	18-APR-2011 21:01:59	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	47758	No
255	GOM_TRA_1PNPDE20110418_210447_000000513101_00330_47758_6443.N1	18-APR-2011 21:04:47	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	47758	No
256	GOM_TRA_1PNPDE20110418_210707_000000423101_00330_47758_6444.N1	18-APR-2011 21:07:07	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	47758	No
257	GOM_TRA_1PNPDE20110418_212159_000000653101_00331_47759_6445.N1	18-APR-2011 21:21:59	Dark	65.000	103	38Zet Sgr	2.6000	9700.0	130	47759	No
258	GOM_TRA_1PNPDE20110418_212524_000000643101_00331_47759_6446.N1	18-APR-2011 21:25:24	Dark	64.000	38	20Eps Sgr	1.8360	11000.	128	47759	No
259	GOM_TRA_1PNPDE20110418_212730_000000573101_00331_47759_6447.N1	18-APR-2011 21:27:30	Dark	56.500	178	lot1Sco	3.0220	6550.0	113	47759	No
260	GOM_TRA_1PNPDE20110418_212906_000000613101_00331_47759_6448.N1	18-APR-2011 21:29:06	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	47759	No
261	GOM_TRA_1PNPDE20110418_213252_000000673101_00331_47759_6449.N1	18-APR-2011 21:32:52	Straylight	66.500	75	26Eps Sco	2.2910	4250.0	133	47759	No
262	GOM_TRA_1PNPDE20110418_213454_000000443101_00331_47759_6450.N1	18-APR-2011 21:34:54	Straylight	43.500	109	Bet Lup	2.6770	26000.	87	47759	No
263	GOM_TRA_1PNPDE20110418_213836_000000653101_00331_47759_6451.N1	18-APR-2011 21:38:36	Tw_i_and_stray	64.500	158	6Pi Sco	2.9060	28000.	129	47759	No
264	GOM_TRA_1PNPDE20110418_214406_000000613101_00331_47759_6452.N1	18-APR-2011 21:44:06	Bright	61.000	122	9Alp2Lib	2.7470	9700.0	122	47759	No
265	GOM_TRA_1PNPDE20110418_215551_000000443101_00331_47759_6453.N1	18-APR-2011 21:55:51	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	47759	No
266	GOM_TRA_1PNPDE20110418_220043_000000573101_00331_47759_6454.N1	18-APR-2011 22:00:43	Bright	57.000	83		2.3780	11000.	114	47759	No
267	GOM_TRA_1PNPDE20110418_220325_000000463101_00331_47759_6455.N1	18-APR-2011 22:03:25	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	47759	No
268	GOM_TRA_1PNPDE20110418_220554_000000573101_00331_47759_6456.N1	18-APR-2011 22:05:54	Bright	57.000	55	79Zet UMa	2.0600	10200.	114	47759	No
269	GOM_TRA_1PNPDE20110418_221205_000000403101_00331_47759_6457.N1	18-APR-2011 22:12:05	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	47759	No
270	GOM_TRA_1PNPDE20110418_222214_000000373101_00331_47759_6458.N1	18-APR-2011 22:22:14	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	47759	No
271	GOM_TRA_1PNPDE20110418_222629_000000433101_00331_47759_6459.N1	18-APR-2011 22:26:29	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	47759	No
272	GOM_TRA_1PNPDE20110418_222916_000000593101_00331_47759_6460.N1	18-APR-2011 22:29:16	Bright	59.000	66	37Gam Cyg	2.2080	5900.0	118	47759	No

273	GOM_TRA_1PNPDE20110418_223201_000000663101_00331_47759_6461.N1	18-APR-2011 22:32:01	Bright	66.000	92	53Eps Cyg	2.5000	4500.0	132	47759	No
274	GOM_TRA_1PNPDE20110418_223945_000000593101_00331_47759_6462.N1	18-APR-2011 22:39:45	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	47759	No
275	GOM_TRA_1PNPDE20110418_224214_000000473101_00331_47759_6463.N1	18-APR-2011 22:42:14	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	47759	No
276	GOM_TRA_1PNPDE20110418_224502_000000503101_00331_47759_6464.N1	18-APR-2011 22:45:02	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	47759	No
277	GOM_TRA_1PNPDE20110418_224721_000000433101_00331_47759_6471.N1	18-APR-2011 22:47:21	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	47759	Yes
278	GOM_TRA_1PNPDE20110418_230215_000000643101_00332_47760_6472.N1	18-APR-2011 23:02:15	Dark	63.500	103	38Zet Sgr	2.6000	9700.0	127	47760	No
279	GOM_TRA_1PNPDE20110418_230540_000000693101_00332_47760_6473.N1	18-APR-2011 23:05:40	Dark	68.500	38	20Eps Sgr	1.8360	11000.	137	47760	No
280	GOM_TRA_1PNPDE20110418_230744_000000563101_00332_47760_6474.N1	18-APR-2011 23:07:44	Dark	55.500	178	lot1Sco	3.0220	6550.0	111	47760	No
281	GOM_TRA_1PNPDE20110418_230921_000000623101_00332_47760_6475.N1	18-APR-2011 23:09:21	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	47760	No
282	GOM_TRA_1PNPDE20110418_231307_000000693101_00332_47760_6476.N1	18-APR-2011 23:13:07	Straylight	68.500	75	26Eps Sco	2.2910	4250.0	137	47760	No
283	GOM_TRA_1PNPDE20110418_231508_000000463101_00332_47760_6477.N1	18-APR-2011 23:15:08	Straylight	45.500	109	Bet Lup	2.6770	26000.	91	47760	No
284	GOM_TRA_1PNPDE20110418_231851_000000613101_00332_47760_6478.N1	18-APR-2011 23:18:51	Twilight_stray	60.500	158	6Pi Sco	2.9060	28000.	121	47760	No
285	GOM_TRA_1PNPDE20110418_232420_000000623101_00332_47760_6479.N1	18-APR-2011 23:24:20	Bright	61.500	122	9Alp2Lib	2.7470	9700.0	123	47760	No
286	GOM_TRA_1PNPDE20110418_233605_000000443101_00332_47760_6480.N1	18-APR-2011 23:36:05	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	47760	No
287	GOM_TRA_1PNPDE20110418_234056_000000533101_00332_47760_6481.N1	18-APR-2011 23:40:56	Bright	53.000	83		2.3780	11000.	106	47760	No
288	GOM_TRA_1PNPDE20110418_234338_000000553101_00332_47760_6482.N1	18-APR-2011 23:43:38	Bright	54.500	180	27Gam Boo	3.0400	8000.0	109	47760	No
289	GOM_TRA_1PNPDE20110418_234608_000000383101_00332_47760_6483.N1	18-APR-2011 23:46:08	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	47760	No
290	GOM_TRA_1PNPDE20110418_235221_000000343101_00332_47760_6484.N1	18-APR-2011 23:52:21	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	47760	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"

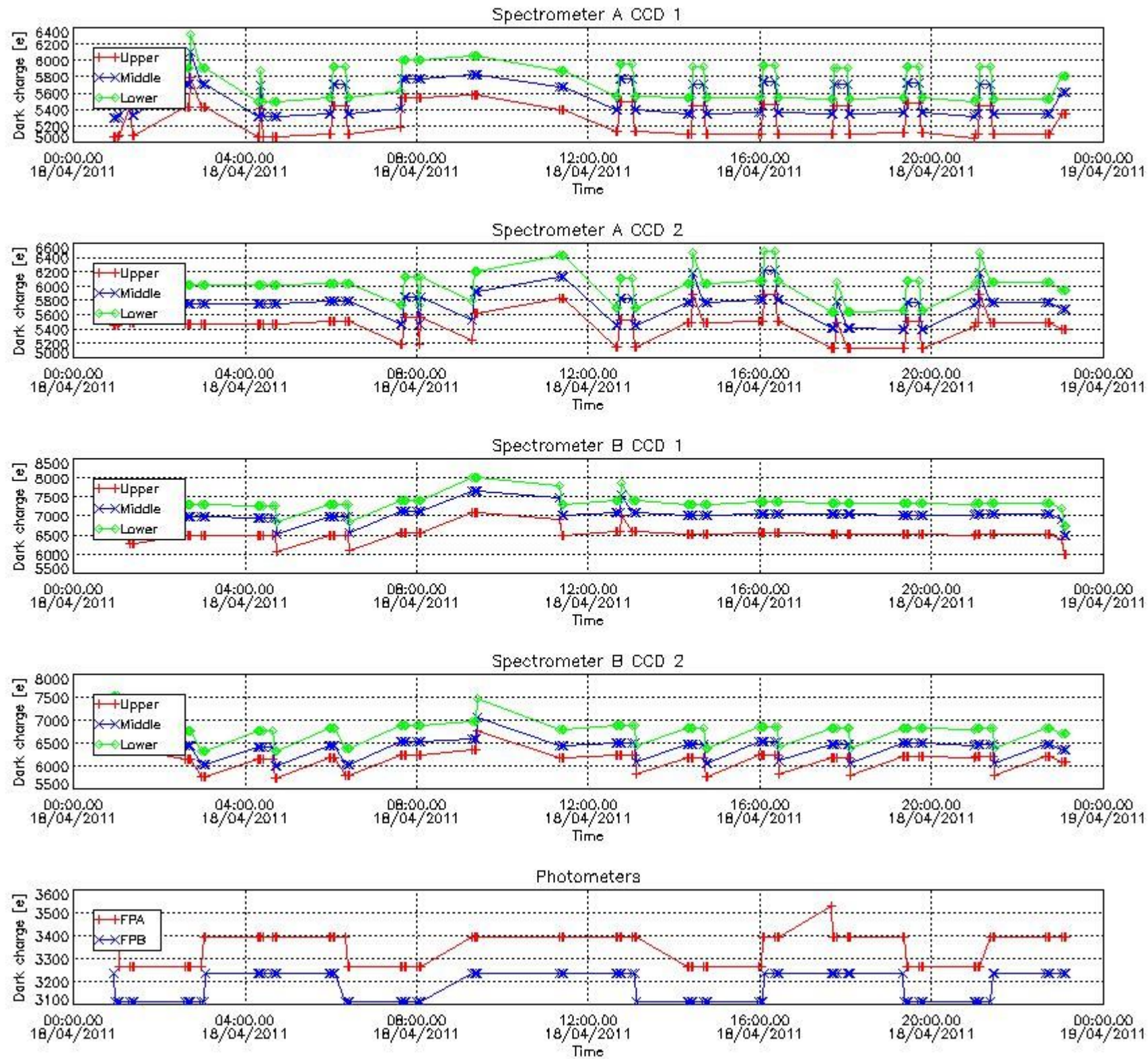
(a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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_1PNPDK20110418_112025_000000643101_00325_47753_5485.N1	DC map used
GOM_TRA_1PNPDK20110418_112351_000000623101_00325_47753_5486.N1	DC map used
GOM_TRA_1PNPDK20110418_112558_000000573101_00325_47753_5487.N1	DC map used
GOM_TRA_1PNPDK20110418_112734_000000623101_00325_47753_5488.N1	DC map used
GOM_TRA_1PNPDK20110418_113122_000000663101_00325_47753_5489.N1	DC map used
GOM_TRA_1PNPDK20110418_113327_000000443101_00325_47753_5490.N1	DC map used
GOM_TRA_1PNPDK20110418_113709_000000623101_00325_47753_5491.N1	DC map used
GOM_TRA_1PNPDE20110418_195237_000000683101_00330_47758_6425.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110418_195439_000000453101_00330_47758_6426.N1	DC map used
GOM_TRA_1PNPDE20110418_195822_000000643101_00330_47758_6427.N1	DC map used
GOM_TRA_1PNPDE20110418_200352_000000583101_00330_47758_6428.N1	DC map used
GOM_TRA_1PNPDE20110418_201538_000000653101_00330_47758_6429.N1	DC map used
GOM_TRA_1PNPDE20110418_202030_000000593101_00330_47758_6430.N1	DC map used
GOM_TRA_1PNPDE20110418_202312_000000483101_00330_47758_6431.N1	DC map used
GOM_TRA_1PNPDE20110418_202541_000000413101_00330_47758_6432.N1	DC map used
GOM_TRA_1PNPDE20110418_203152_000000413101_00330_47758_6433.N1	DC map used
GOM_TRA_1PNPDE20110418_204200_000000403101_00330_47758_6434.N1	DC map used
GOM_TRA_1PNPDE20110418_204616_000000433101_00330_47758_6435.N1	DC map used
GOM_TRA_1PNPDE20110418_204902_000000603101_00330_47758_6436.N1	DC map used
GOM_TRA_1PNPDE20110418_205146_000000653101_00330_47758_6437.N1	DC map used
GOM_TRA_1PNPDE20110418_205931_000000573101_00330_47758_6438.N1	DC map used

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



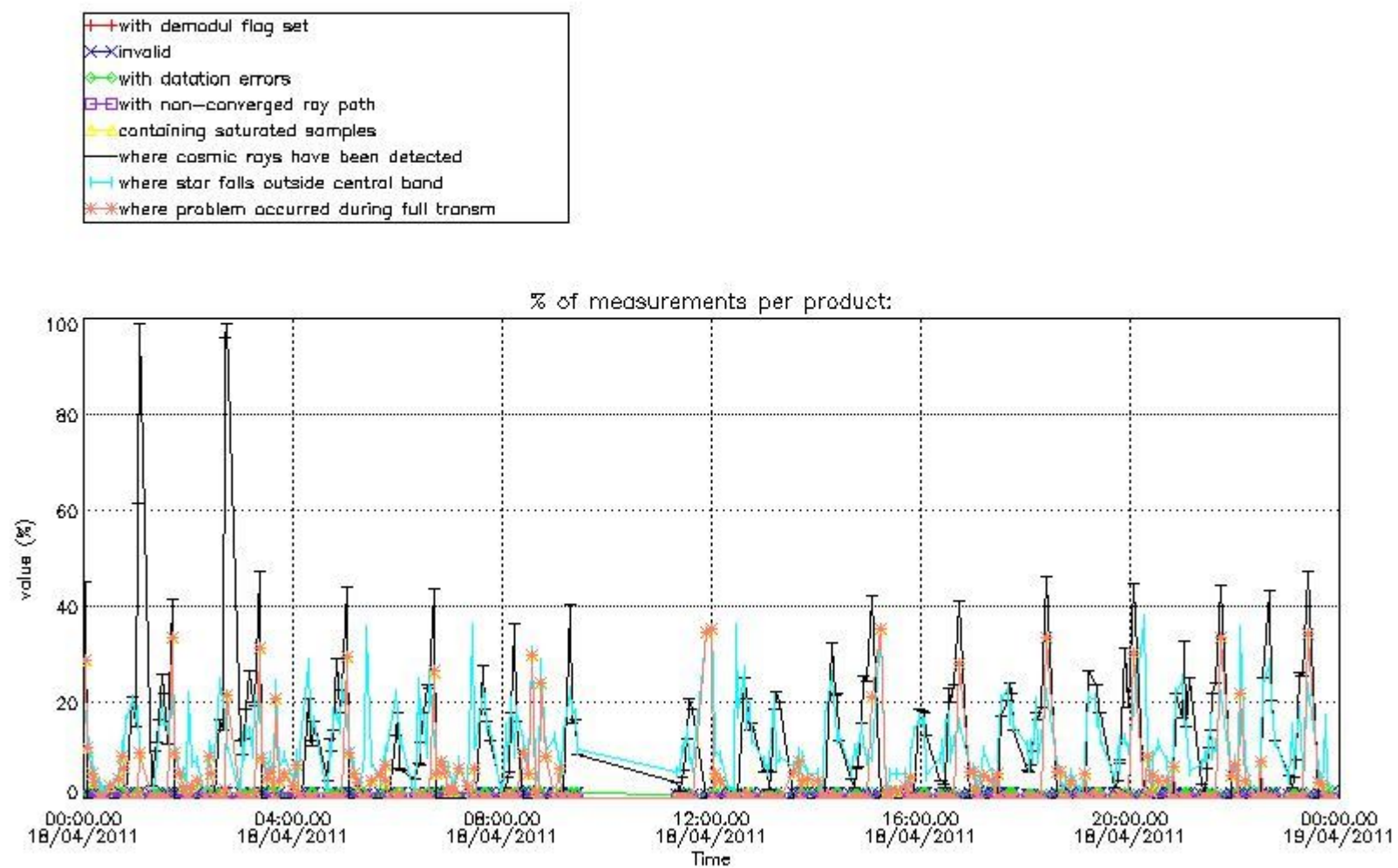
5. Demodulation flag and quality information monitoring

In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

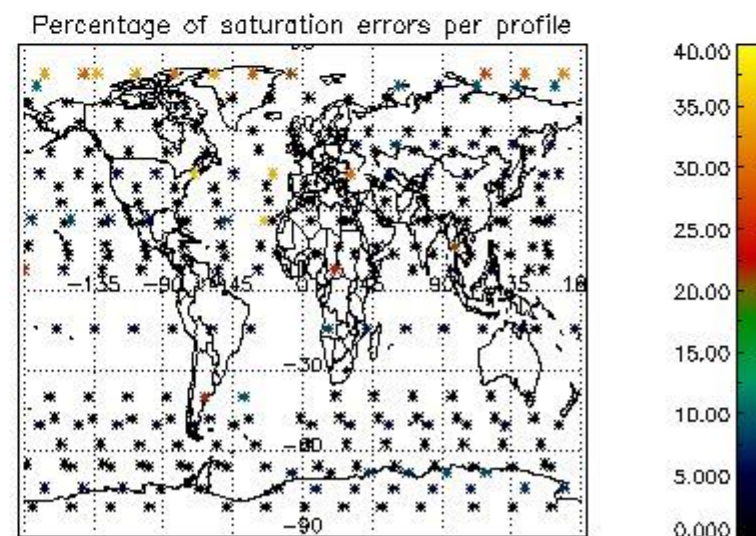
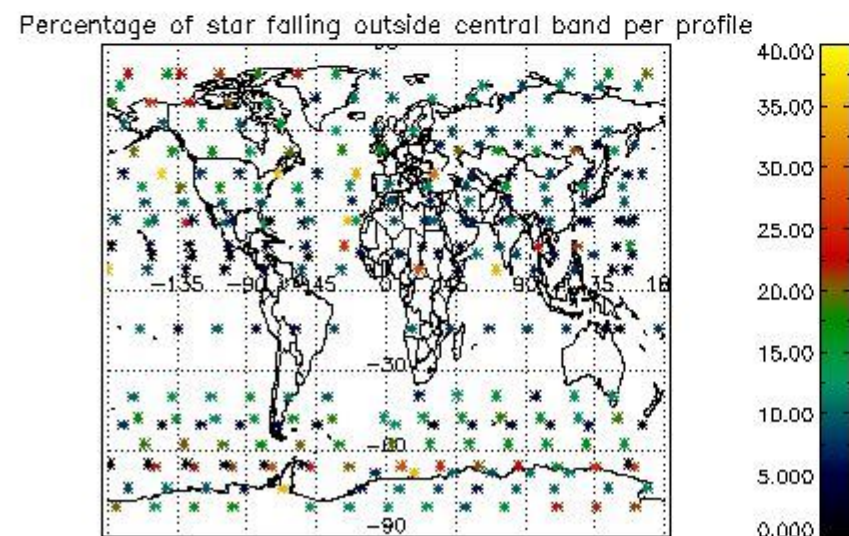
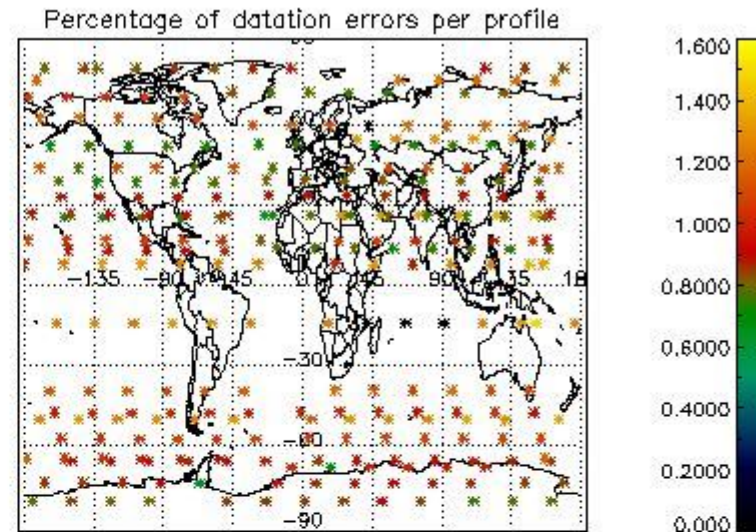
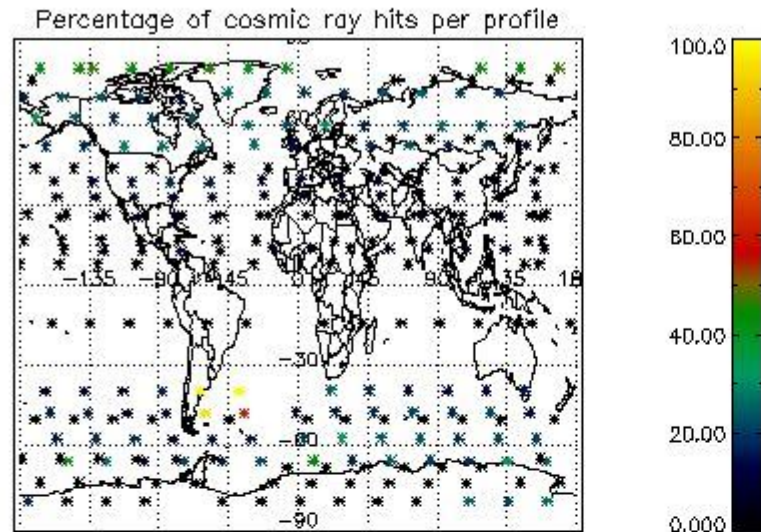
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	49.3007 %
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)



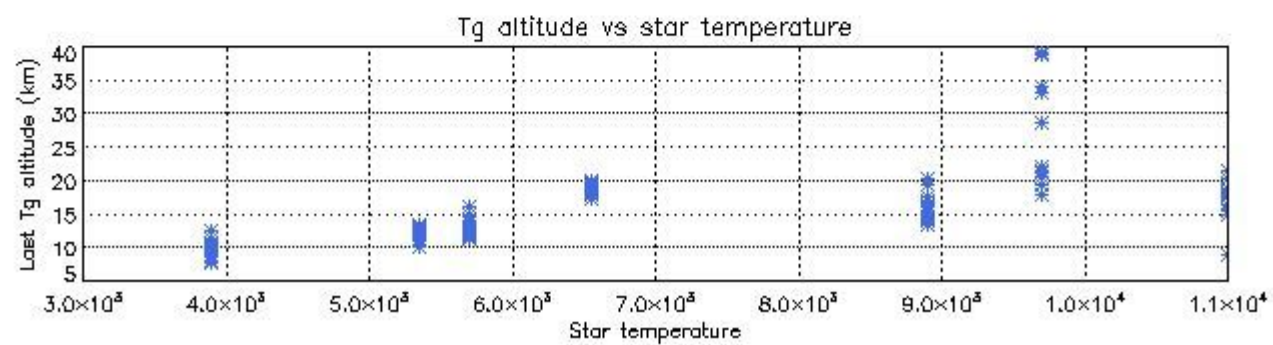
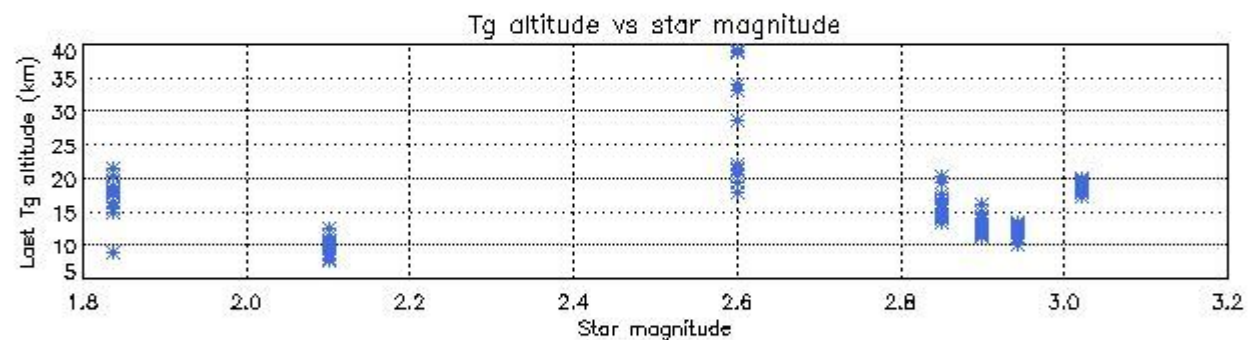
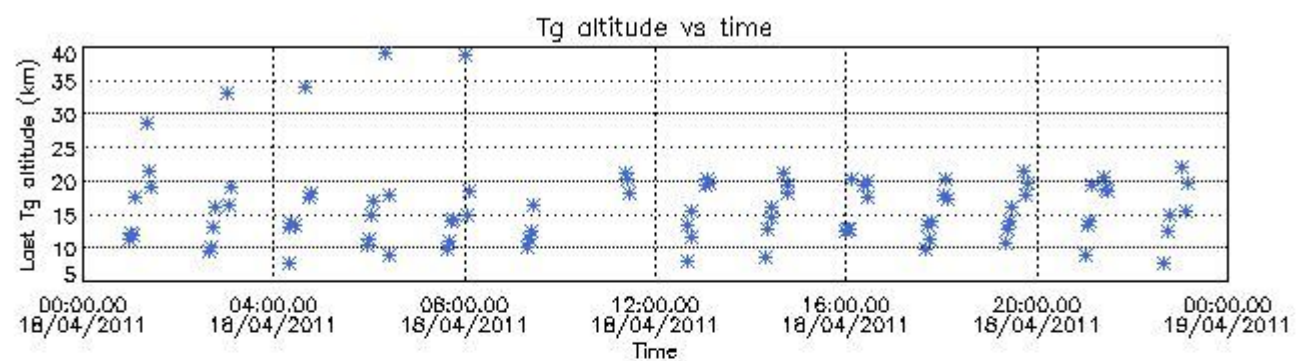
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.249	19.200	NaN
St. deviation:	5.9770	7.2341	NaN
Maximum:	39.190	48.923	NaN
Minimum:	7.6636	3.0867	NaN
Number of data:	90.000	145.00	NaN

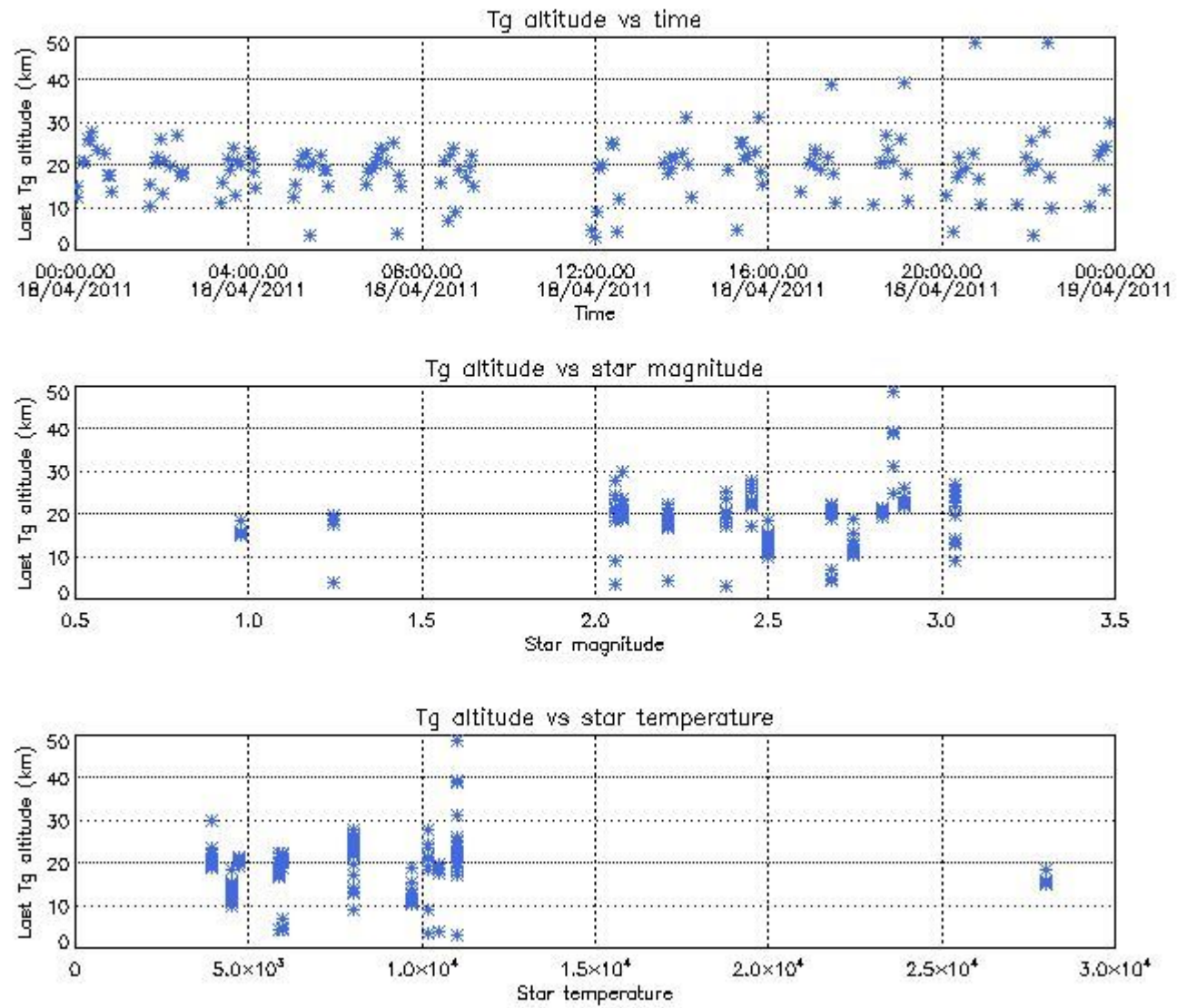
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

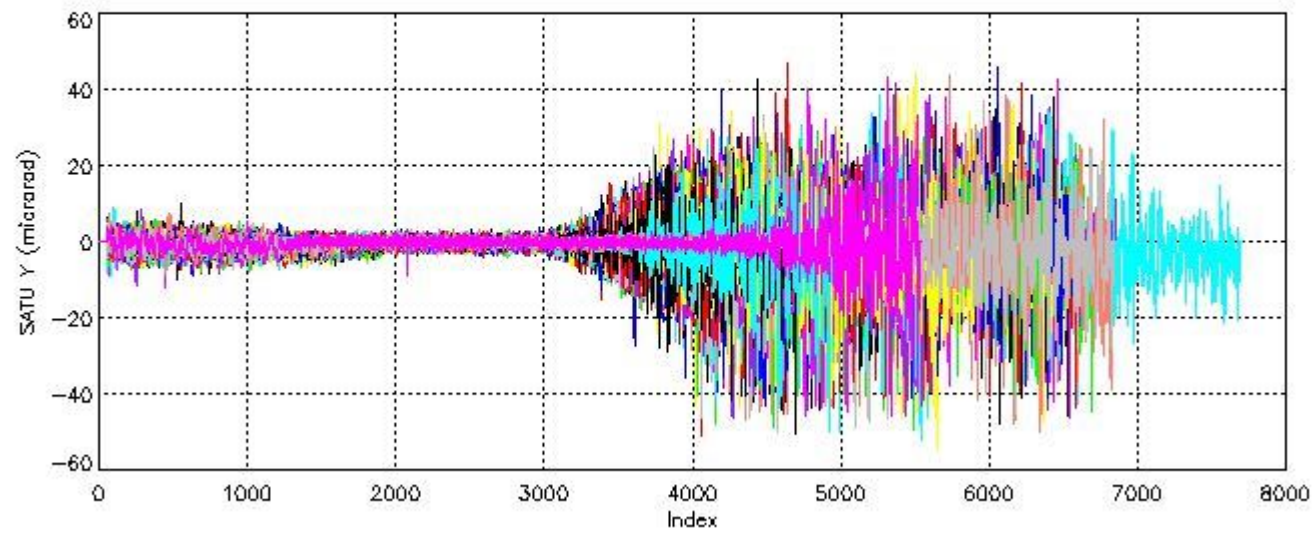
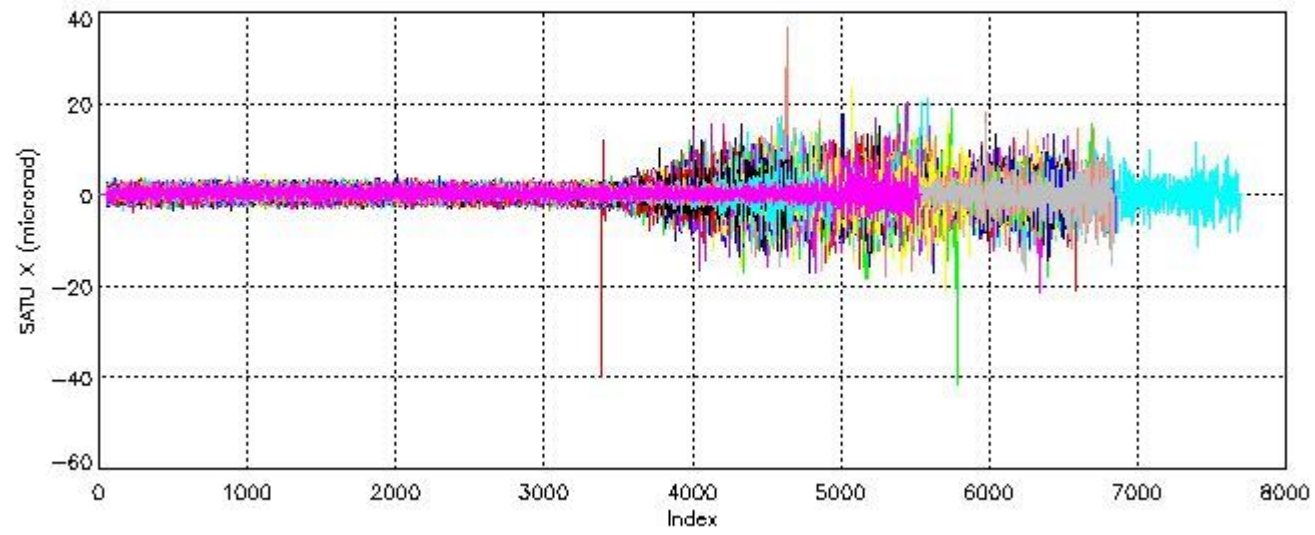


7. Star Acquisition and Tracking Unit (SATU)

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:	0.24415	-0.93352	0.29040	-1.0512
St. deviation:	0.69227	1.5058	0.80853	1.5021
Maximum:	4.3000	9.8000	11.000	10.300
Minimum:	-3.7000	-12.300	-6.1000	-10.700

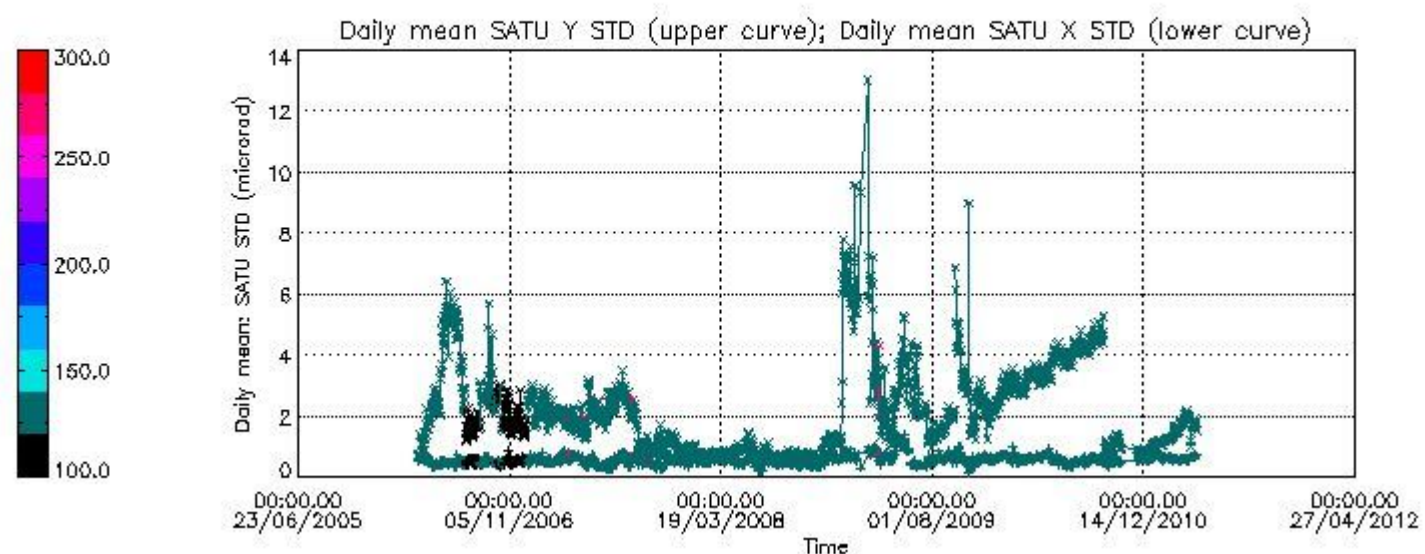
Number of data: 1.1090E+05 1.1090E+05 1.5970E+05 1.5970E+05

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

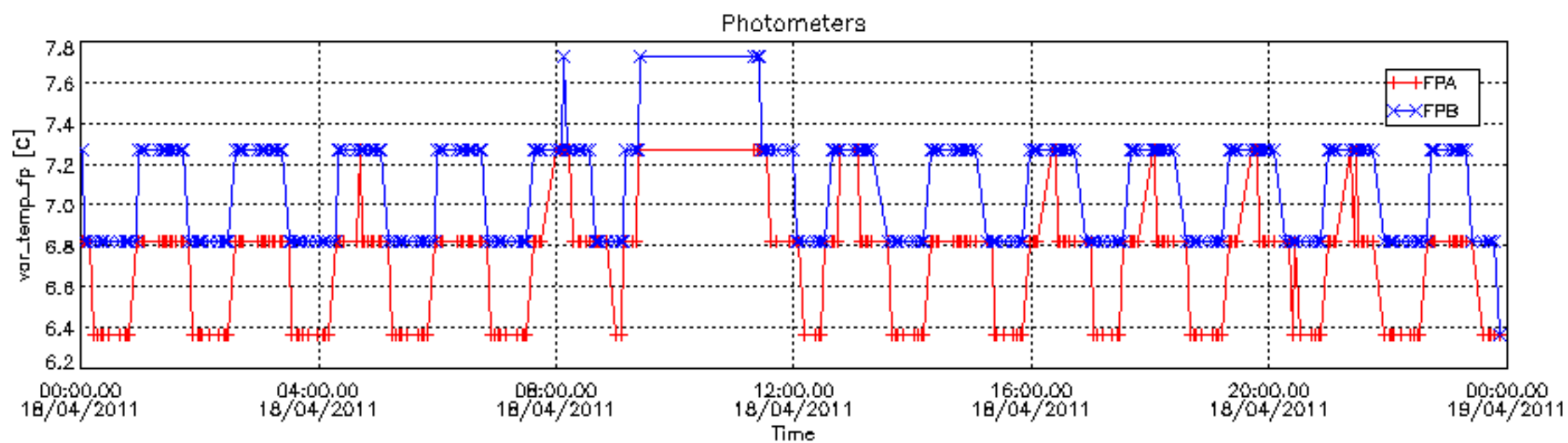
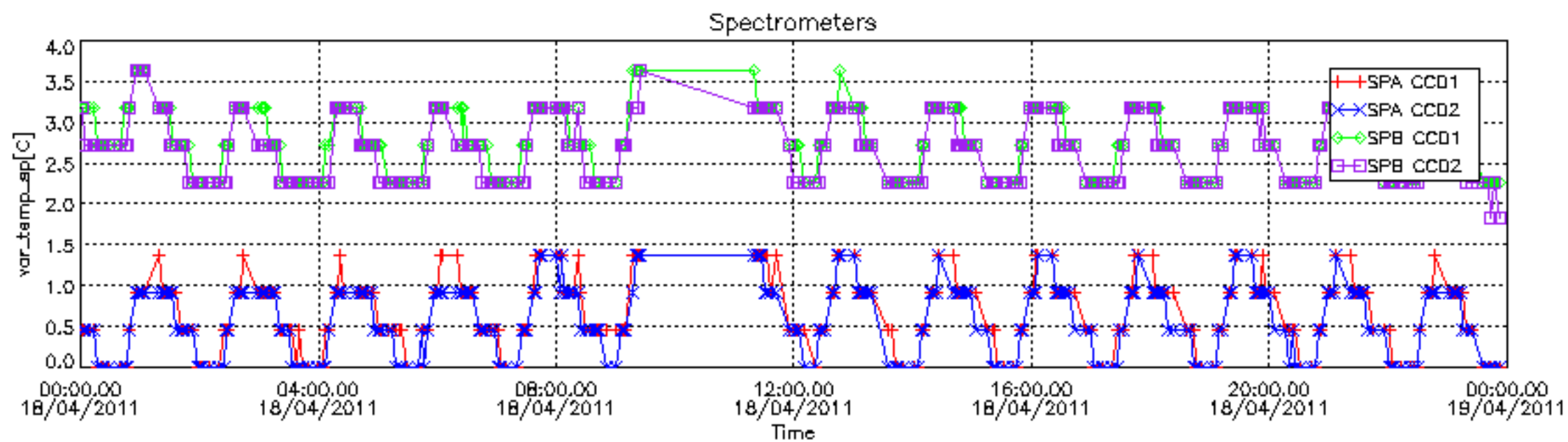


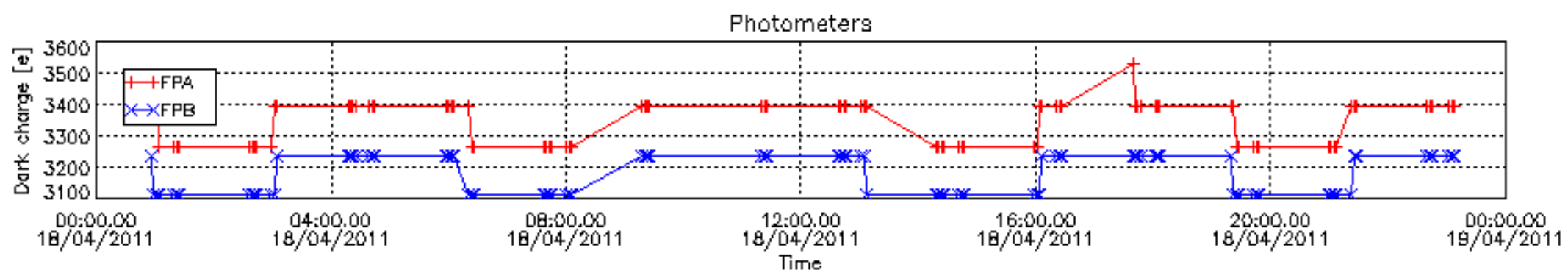
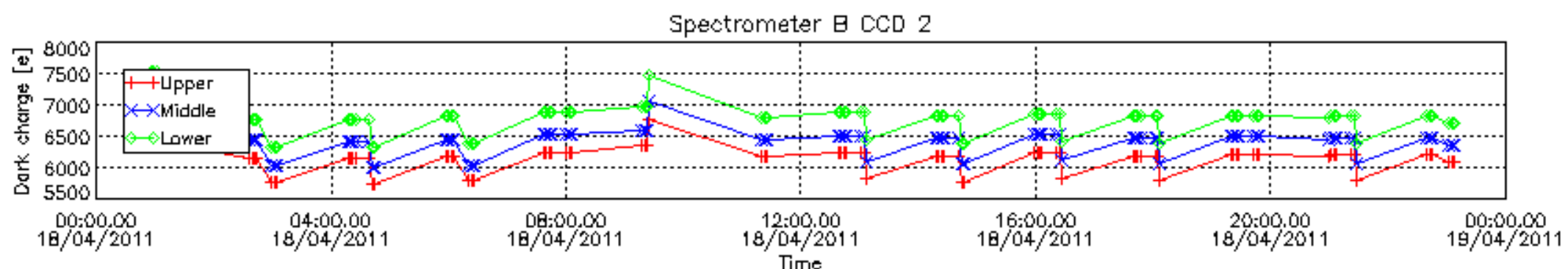
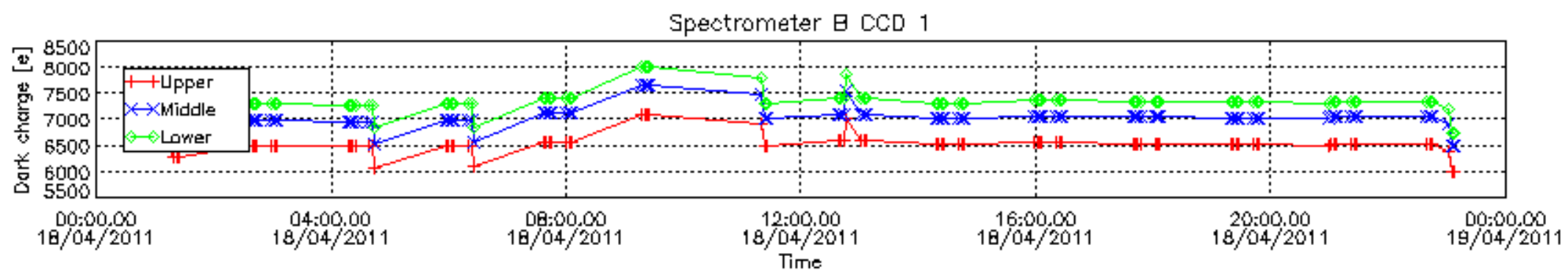
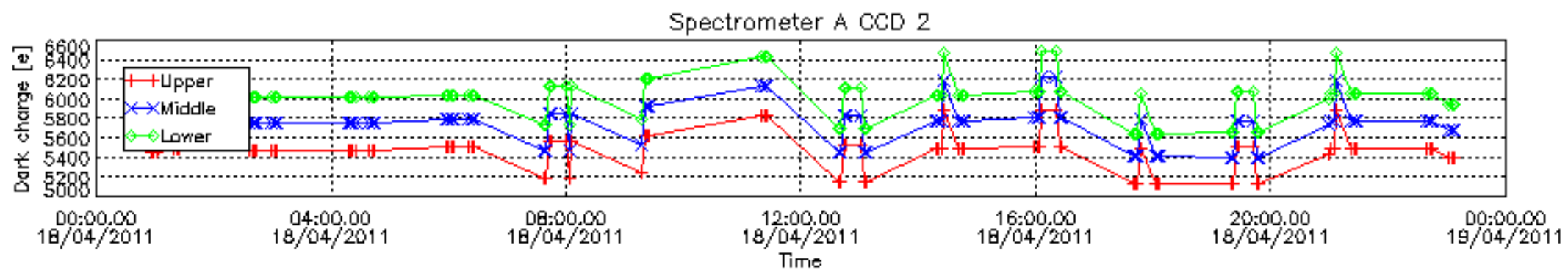
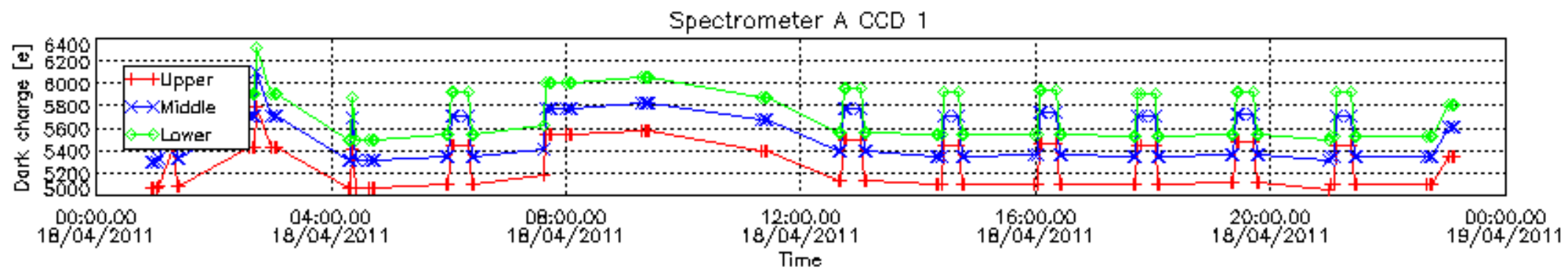
8. Auxiliary Data Files used for the production reported in section 2.4

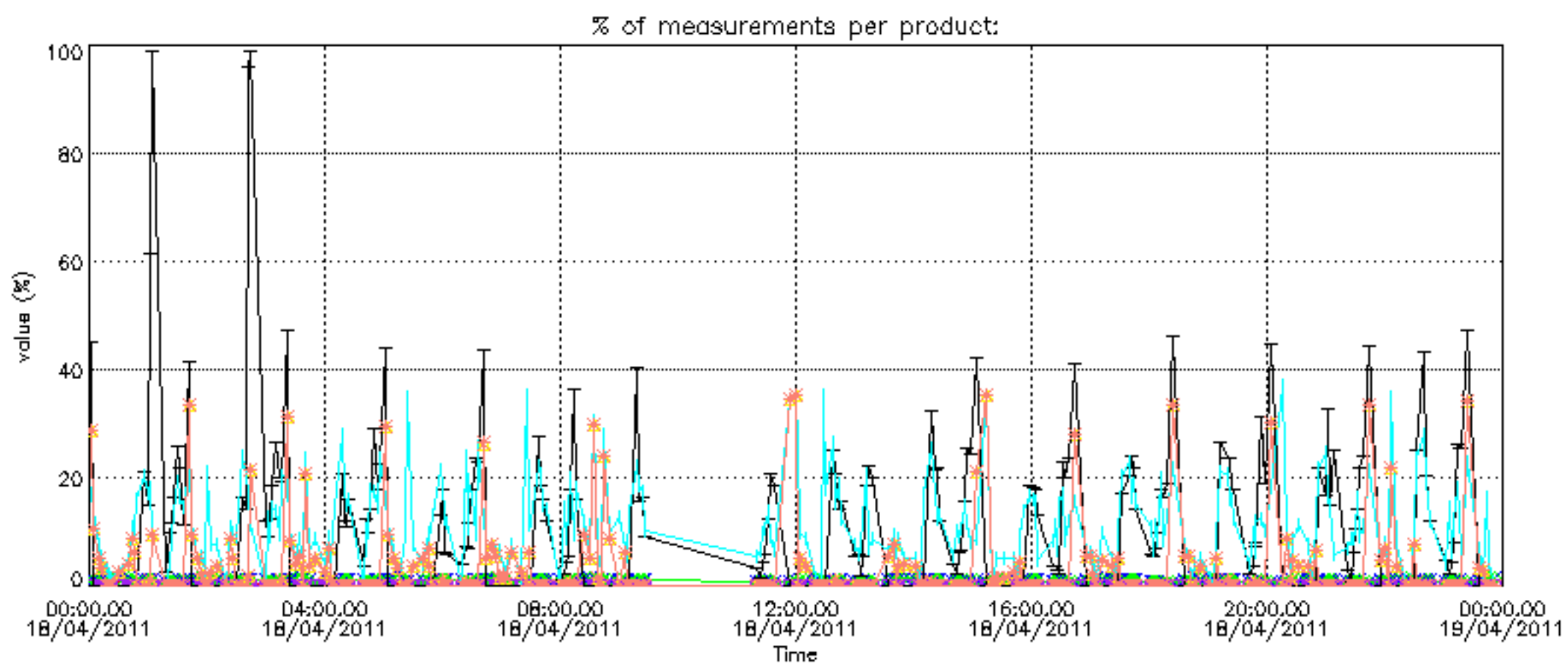
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-APR-2011 00:01:02
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110415_083326_20110414_000000_20500101_000000	1	18-APR-2011 00:01:02
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	18-APR-2011 00:01:02
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	18-APR-2011 00:01:02
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	18-APR-2011 00:01:02
ECMWF_FILE	AUX_ECF_AXNECM20110417_062115_20110417_210000_20110418_090000	1	18-APR-2011 00:01:02
ECMWF_FILE	AUX_ECF_AXNECM20110417_182114_20110418_030000_20110418_150000	55	18-APR-2011 03:59:42
ECMWF_FILE	AUX_ECA_AXNECM20110418_062113_20110417_210000_20110418_090000	78	18-APR-2011 05:39:56
ECMWF_FILE	AUX_ECF_AXNECM20110417_182114_20110418_030000_20110418_150000	116	18-APR-2011 08:22:13
ECMWF_FILE	AUX_ECF_AXNECM20110418_062114_20110418_090000_20110418_210000	132	18-APR-2011 11:20:25
ECMWF_FILE	AUX_ECA_AXNECM20110418_181850_20110418_090000_20110418_210000	160	18-APR-2011 13:34:43
ECMWF_FILE	AUX_ECF_AXNECM20110418_062114_20110418_150000_20110419_030000	180	18-APR-2011 15:03:10
ECMWF_FILE	AUX_ECA_AXNECM20110418_181850_20110418_090000_20110418_210000	221	18-APR-2011 18:18:07
ECMWF_FILE	AUX_ECF_AXNECM20110418_062114_20110418_150000_20110419_030000	240	18-APR-2011 19:52:37
ECMWF_FILE	AUX_ECF_AXNECM20110418_062115_20110418_210000_20110419_090000	254	18-APR-2011 21:01:59
OPTIONAL_ECMWF_FILE	MISSING	1	18-APR-2011 00:01:02
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110417_232026_000057383101_00317_47745_2932.N1	1	18-APR-2011 00:01:02
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110418_010123_000098833101_00318_47746_2933.N1	16	18-APR-2011 01:04:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110418_035124_000057383101_00320_47748_2936.N1	55	18-APR-2011 03:59:42
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110417_102113_20110416_191105_20110426_212454	78	18-APR-2011 05:39:56

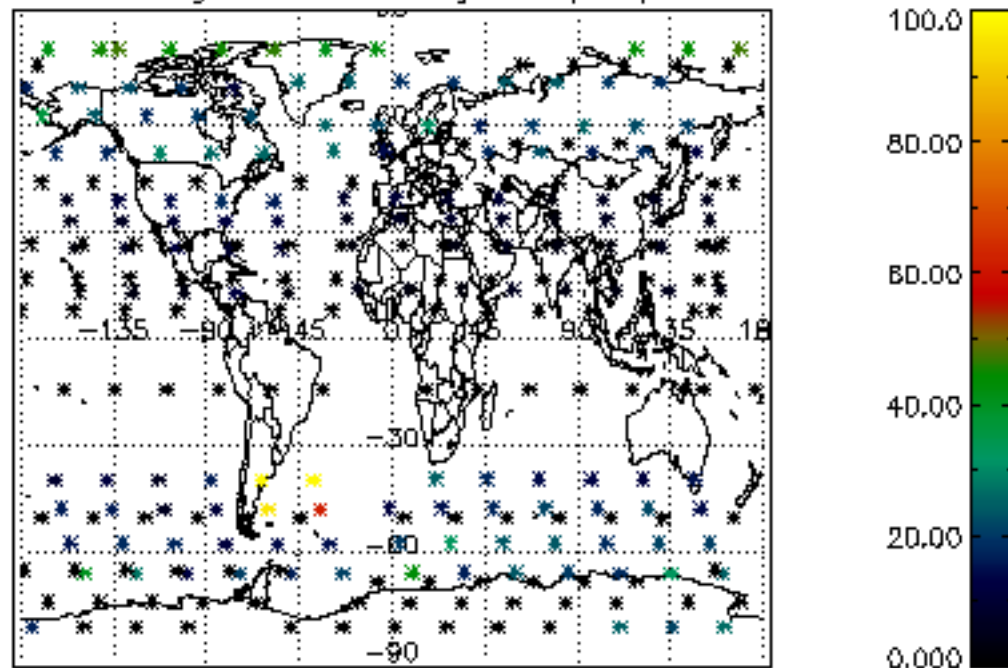
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_071318_000038263101_00322_47750_4339.N1	101	18-APR-2011 07:20:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_082222_000057383101_00323_47751_4340.N1	116	18-APR-2011 08:22:13
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_100319_000054203101_00324_47752_4341.N1	132	18-APR-2011 11:20:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_113858_000057383101_00325_47753_4342.N1	139	18-APR-2011 11:42:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_131955_000057383101_00326_47754_4343.N1	160	18-APR-2011 13:34:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_150052_000054193101_00327_47755_4344.N1	180	18-APR-2011 15:03:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_163630_000054193101_00328_47756_4345.N1	200	18-APR-2011 16:37:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110418_181208_000057383101_00329_47757_4346.N1	221	18-APR-2011 18:18:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110418_194747_000041443101_00330_47758_2938.N1	240	18-APR-2011 19:52:37
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110418_102114_20110417_183421_20110427_204810	254	18-APR-2011 21:01:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110418_224307_000057383101_00331_47759_2940.N1	277	18-APR-2011 22:47:21



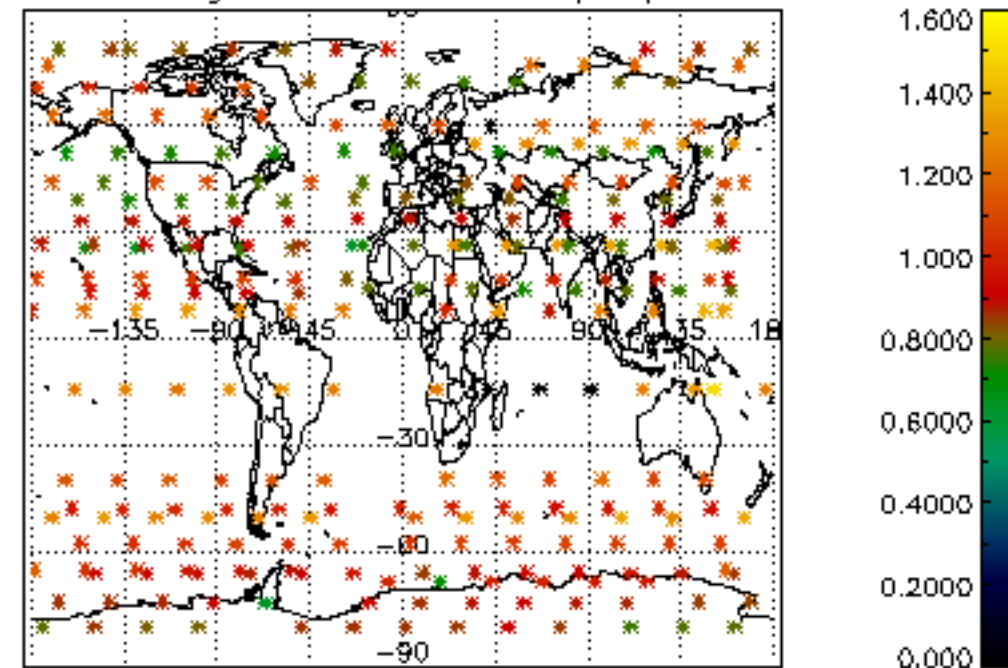




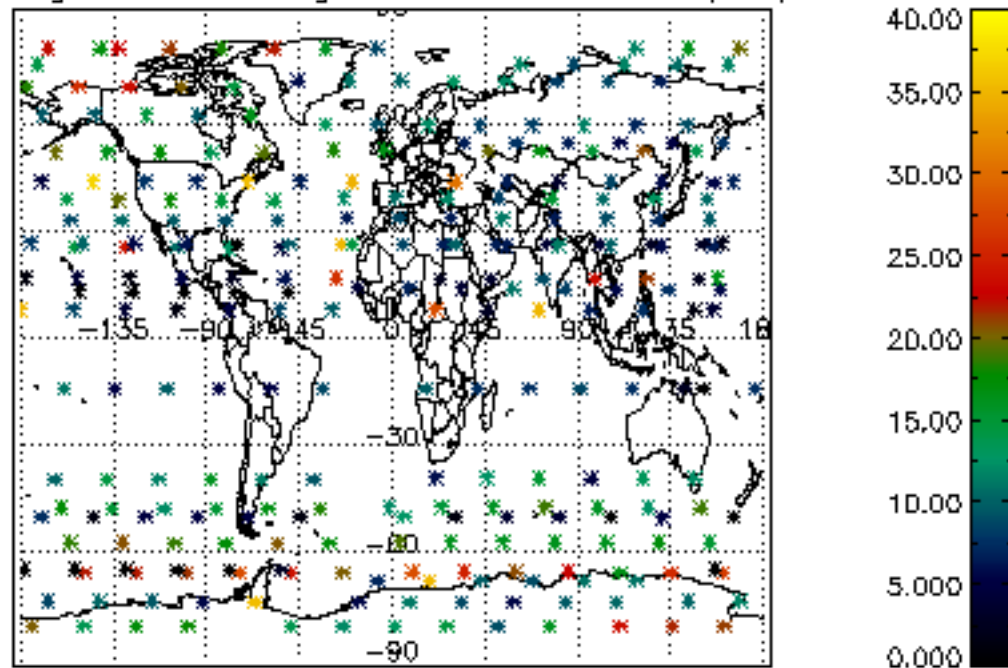
Percentage of cosmic ray hits per profile



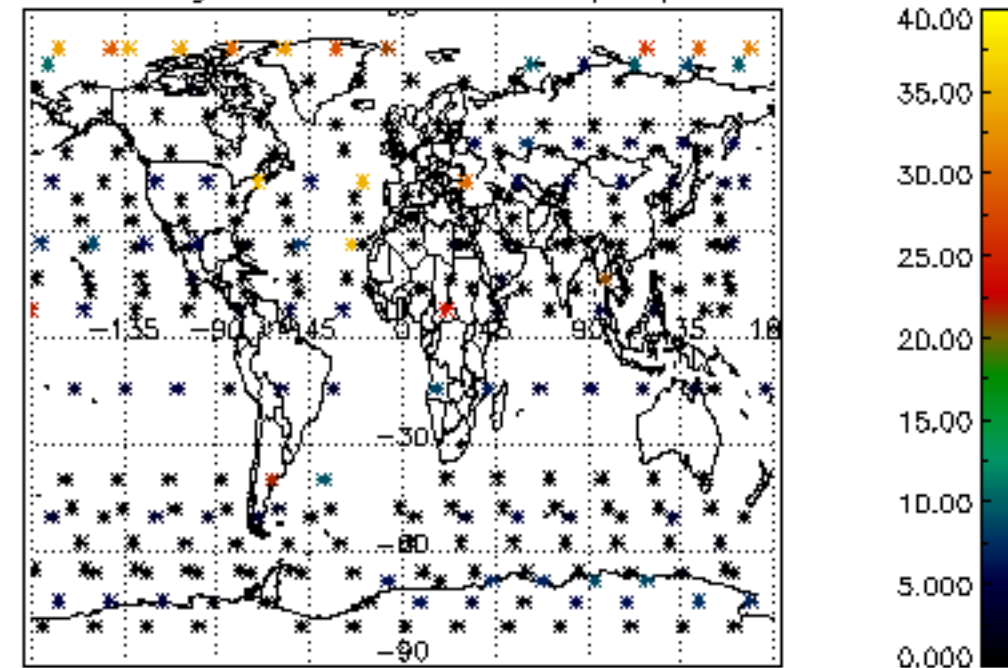
Percentage of datation errors per profile



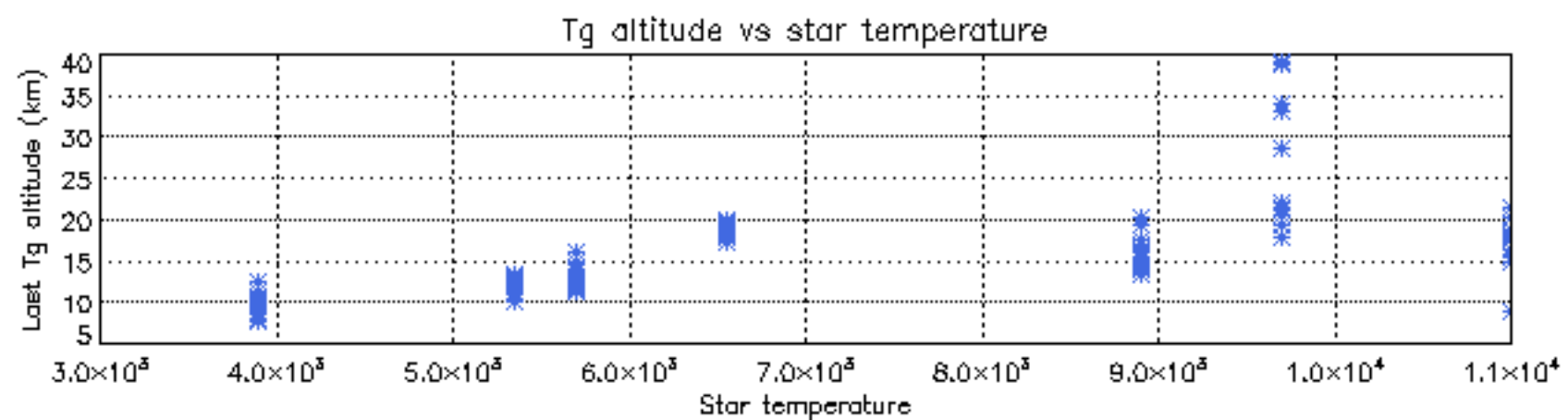
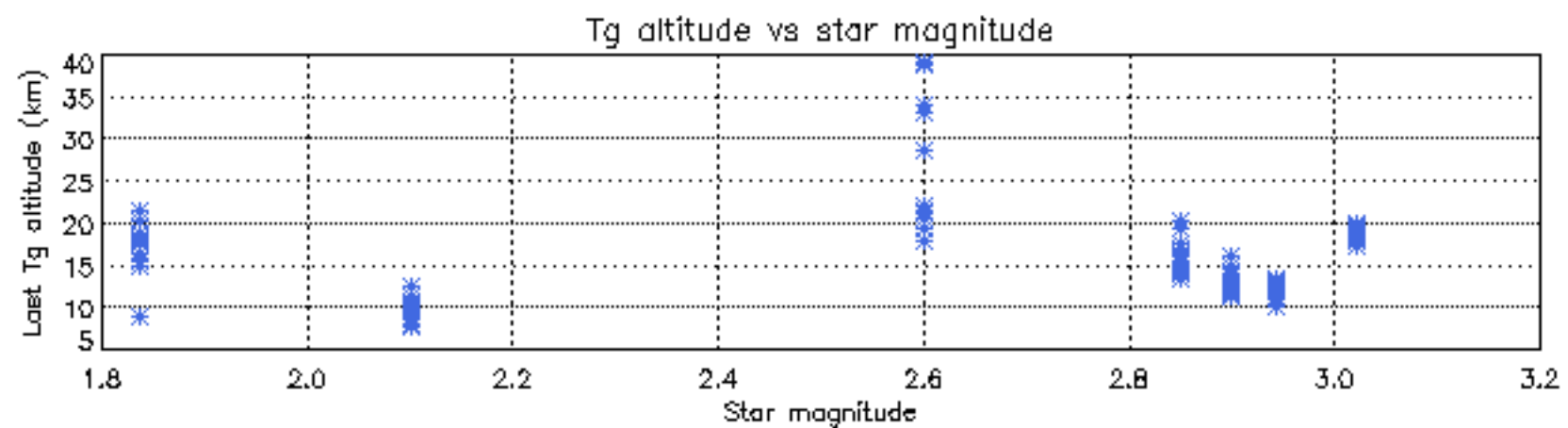
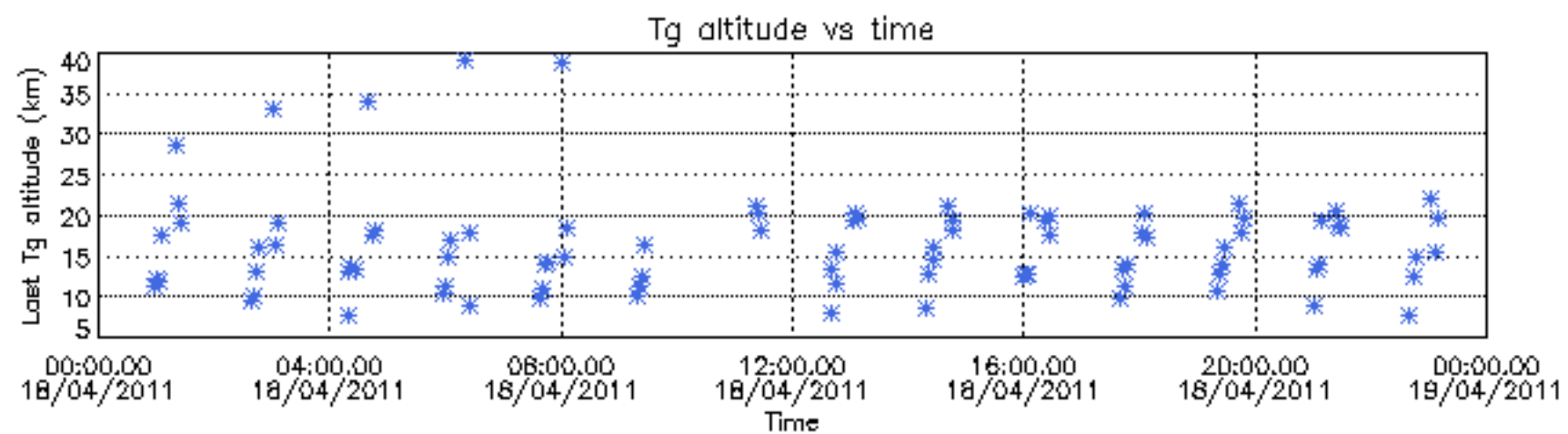
Percentage of star falling outside central band per profile



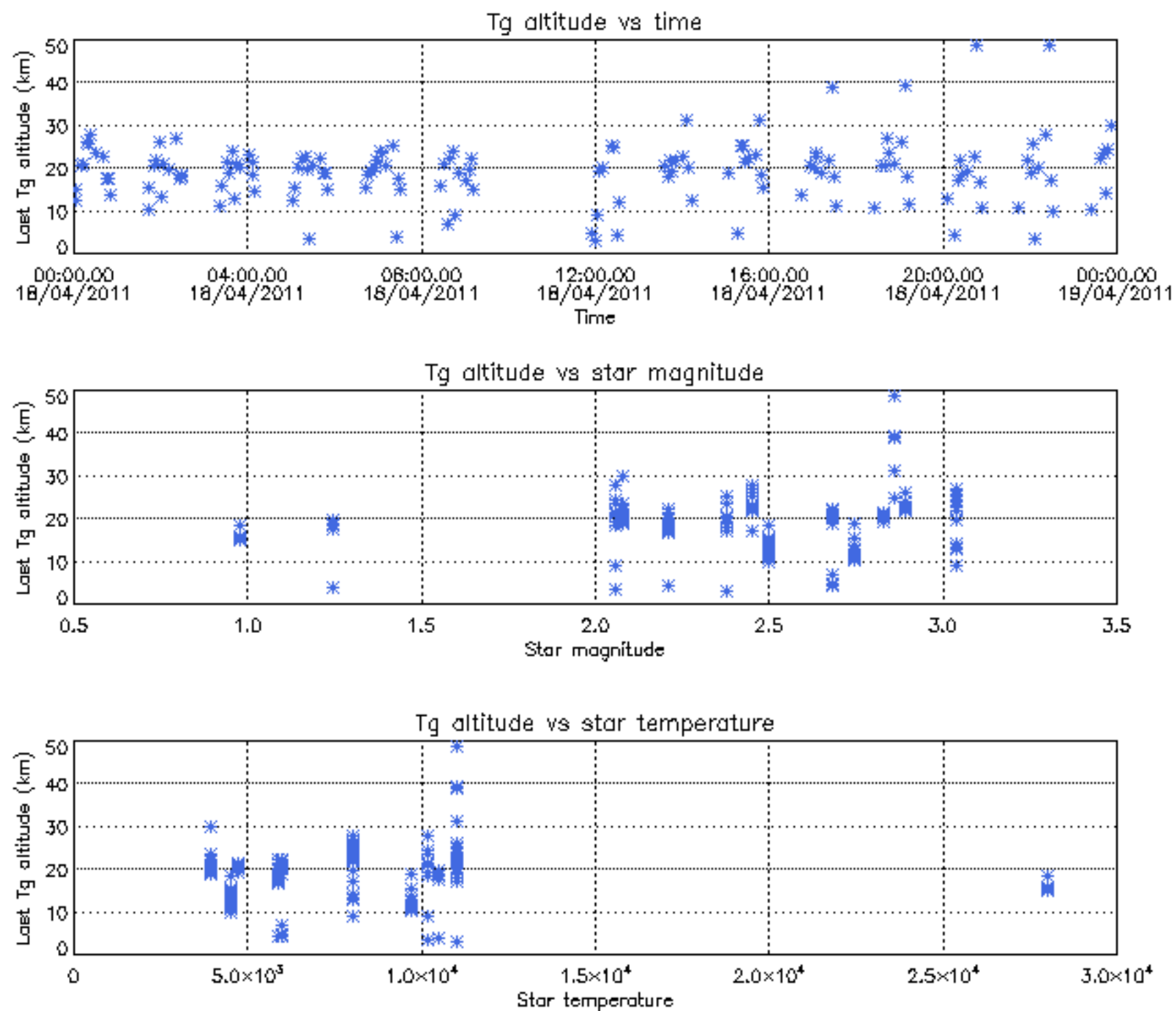
Percentage of saturation errors per profile

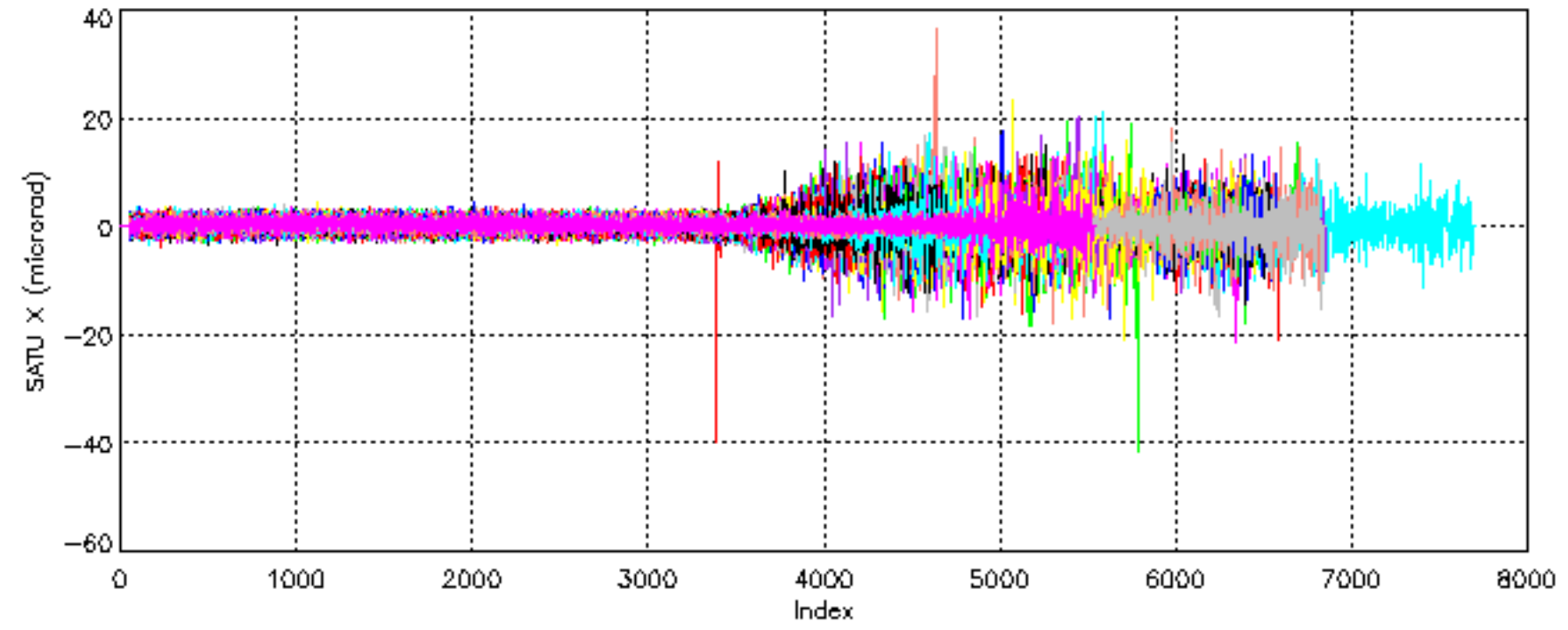


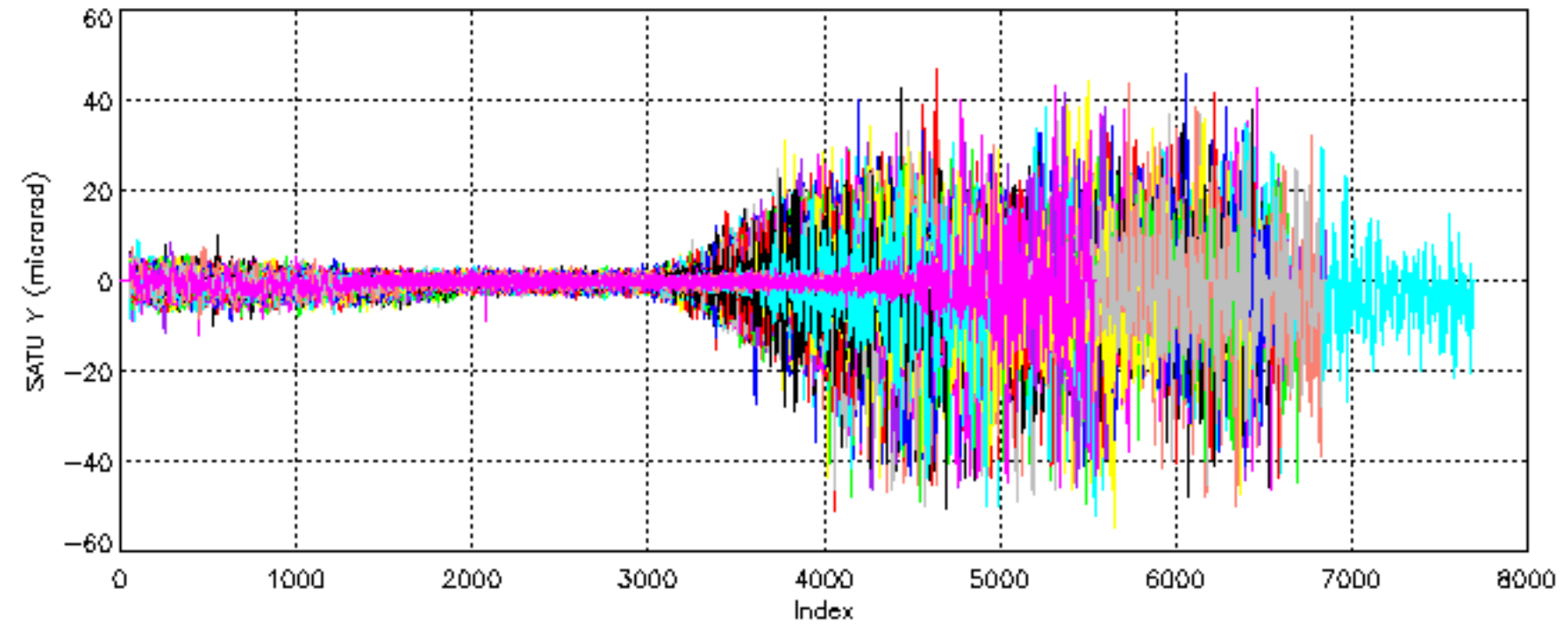
Tangent altitude at which the star is lost

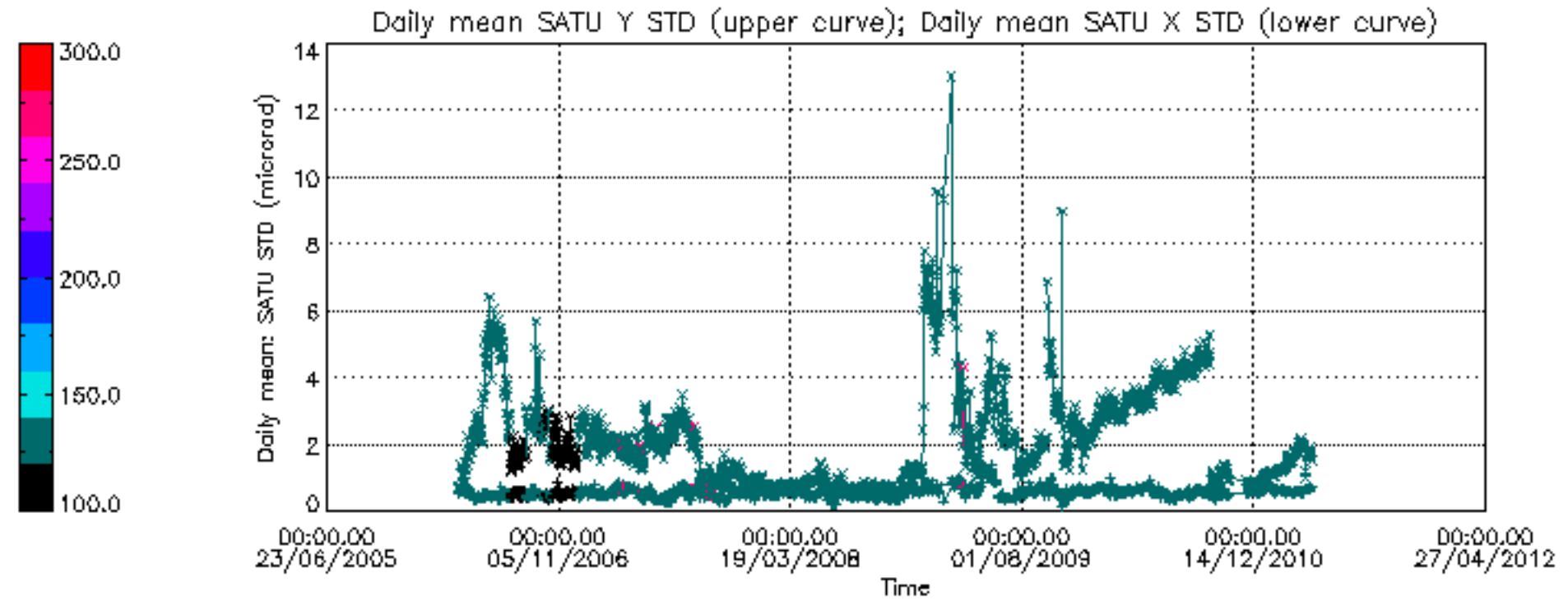


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110401_013316_000096793101_00074_47502_2571.N1

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
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 6; 2143.0; 05-APR-2011 14:49:15; Bright; 37.5; 62; 94Bet Leo ; 2.14; 9700;occ; 75; 0;47568
 7; 2624.7; 05-APR-2011 14:57:17; Bright; 41.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 83; 0;47568
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5; 2589.9; 11-APR-2011 14:36:45; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;47654
6; 2813.6; 11-APR-2011 14:40:29; Bright; 32.0; 180; 27Gam Boo ; 3.04; 8000;occ; 64; 0;47654
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 22; 4430.1; 13-APR-2011 23:55:21; Bright; 53.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 107; 0;47688
 23; 4868.3; 14-APR-2011 00:02:39; Dark ; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;47688
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 4; 2581.8; 13-APR-2011 08:22:27; Bright; 39.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 79; 0;47679
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 7; 3358.7; 13-APR-2011 08:35:24; Bright; 47.5; 119; 14Eta Dra ; 2.73; 4700;occ; 95; 0;47679
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 9; 4134.6; 13-APR-2011 08:48:20; Bright; 52.5; 144; 18Del Cyg ; 2.86; 11000;occ; 105; 0;47679
 10; 4281.6; 13-APR-2011 08:50:47; Bright; 54.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 108; 0;47679
 11; 4429.2; 13-APR-2011 08:53:15; Bright; 53.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 107; 0;47679
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13;	5165.7;	13-APR-2011	12:25:59;	Dark	;	50.0;	154;	22Bet Aqr	;	2.90;	5700;occ;	100;	0;	47681
14;	5880.1;	13-APR-2011	12:37:53;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	47681
15;	6121.7;	13-APR-2011	12:41:55;	Dark	;	62.5;	103;	38Zet Sgr	;	2.60;	9700;occ;	125;	0;	47682
16;	6337.5;	13-APR-2011	12:45:31;	Dark	;	62.5;	38;	20Eps Sgr	;	1.84;	11000;occ;	125;	0;	47682
17;	6477.4;	13-APR-2011	12:47:51;	Dark	;	43.0;	141;	Bet Ara	;	2.84;	4600;occ;	86;	0;	47682
18;	6577.3;	13-APR-2011	12:49:31;	Dark	;	59.5;	25;	35Lam Sco	;	1.62;	28000;occ;	119;	0;	47682
19;	6816.6;	13-APR-2011	12:53:30;	Dark	;	64.0;	75;	26Eps Sco	;	2.29;	4250;occ;	128;	0;	47682
20;	6946.7;	13-APR-2011	12:55:40;	Dark	;	43.5;	78;	Alp Lup	;	2.30;	28000;occ;	87;	0;	47682
21;	7042.2;	13-APR-2011	12:57:15;	Dark	;	41.5;	81;	Eta Cen	;	2.36;	28000;occ;	83;	0;	47682
22;	7186.1;	13-APR-2011	12:59:39;	Dark	;	48.0;	54;	5The Cen	;	2.06;	4500;occ;	96;	0;	47682
23;	7472.6;	13-APR-2011	13:04:26;	Dark	;	43.5;	169;	46Gam Hya	;	2.99;	4700;occ;	87;	0;	47682
24;	7567.3;	13-APR-2011	13:06:01;	Dark	;	62.0;	122;	9Alp2Lib	;	2.75;	9700;occ;	124;	0;	47682
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2;	1679.4;	13-APR-2011	13:08:06;	Bright	;	55.5;	15;	67Alp Vir	;	0.98;	28000;occ;	111;	0;	47682
3;	2092.8;	13-APR-2011	13:15:00;	Bright	;	40.5;	138;	47Eps Vir	;	2.83;	4700;occ;	81;	0;	47682
4;	2304.0;	13-APR-2011	13:18:31;	Bright	;	48.0;	111;	8Eta Boo	;	2.68;	6000;occ;	96;	0;	47682
5;	2580.9;	13-APR-2011	13:23:08;	Bright	;	48.0;	152;	12Alp2CVn	;	2.89;	11000;occ;	96;	0;	47682
6;	2844.2;	13-APR-2011	13:27:31;	Bright	;	44.0;	39;	85Eta UMa	;	1.85;	24000;occ;	88;	0;	47682
7;	3262.2;	13-APR-2011	13:34:29;	Bright	;	39.5;	60;	7Bet UMi	;	2.08;	3950;occ;	79;	0;	47682
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15;	5881.3;	13-APR-2011	14:18:08;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	47682
16;	6123.4;	13-APR-2011	14:22:10;	Dark	;	60.5;	103;	38Zet Sgr	;	2.60;	9700;occ;	121;	0;	47683
17;	6339.2;	13-APR-2011	14:25:46;	Dark	;	62.0;	38;	20Eps Sgr	;	1.84;	11000;occ;	124;	0;	47683
18;	6478.1;	13-APR-2011	14:28:05;	Dark	;	45.0;	141;	Bet Ara	;	2.84;	4600;occ;	90;	0;	47683
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22;	7042.7;	13-APR-2011	14:37:30;	Dark	;	43.5;	81;	Eta Cen	;	2.36;	28000;occ;	87;	0;	47683
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11;	4133.3;	13-APR-2011	15:29:14;	Bright	;	55.0;	144;	18Del Cyg	;	2.86;	11000;occ;	110;	0;	47683
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21;	6819.1;	13-APR-2011	16:14:00;	Dark	;	63.5;	75;	26Eps Sco	;	2.29;	4250;occ;	127;	0;	47684
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8; 3858.1; 15-APR-2011 10:50:43; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;47709
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5;	2572.6;	15-APR-2011	15:29:59;	Bright;	;	39.0;	152;	12Alp2CVn	;	2.89;	11000;occ;	78;	0;	47712
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14;	5027.0;	15-APR-2011	16:10:54;	Dark	;	46.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	93;	0;	47712
15;	5185.0;	15-APR-2011	16:13:32;	Dark	;	49.0;	154;	22Bet Aqr	;	2.90;	5700;occ;	98;	0;	47712
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19;	6173.3;	15-APR-2011	18:10:14;	Dark	;	65.0;	103;	38Zet Sgr	;	2.60;	9700;occ;	130;	0;	47714
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3;	2085.2;	17-APR-2011	15:48:38;	Bright;	;	38.5;	138;	47Eps Vir	;	2.83;	4700;occ;	77;	0;47741
4;	2274.2;	17-APR-2011	15:51:47;	Bright;	;	56.0;	111;	8Eta Boo	;	2.68;	6000;occ;	112;	0;47741
5;	2565.8;	17-APR-2011	15:56:38;	Bright;	;	36.0;	152;	12Alp2CVn	;	2.89;	11000;occ;	72;	0;47741
6;	2734.3;	17-APR-2011	15:59:27;	Bright;	;	46.0;	180;	27Gam Boo	;	3.04;	8000;occ;	92;	0;47741
7;	2875.1;	17-APR-2011	16:01:48;	Bright;	;	39.0;	55;	79Zet UMa	;	2.06;	10200;occ;	78;	0;47741
8;	3245.7;	17-APR-2011	16:07:58;	Bright;	;	40.5;	60;	7Bet UMi	;	2.08;	3950;occ;	81;	0;47741
9;	3853.0;	17-APR-2011	16:18:06;	Bright;	;	39.0;	89;	5Alp Cep	;	2.45;	8000;occ;	78;	0;47741
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6; 2481.1; 25-APR-2011 16:02:03; Bright; 50.0; 83; ; 2.38; 11000;occ; 100; 0;47856
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 10; 1720.6; 26-APR-2011 01:50:46; Bright; 53.0; 104; 27Bet Lib ; 2.61; 13100;occ; 106; 0;47862
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