

GOMOS Daily Report 24-JAN-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	27JAN2011 07:04:58
Data source version	GOMOS/5.01
Start time of products	24JAN2011 00:09:08
Stop time of products	24JAN2011 23:54:12
Store outputs in DB	Yes
Nb of level 1b prods	285
Nb of prods with errors	4

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

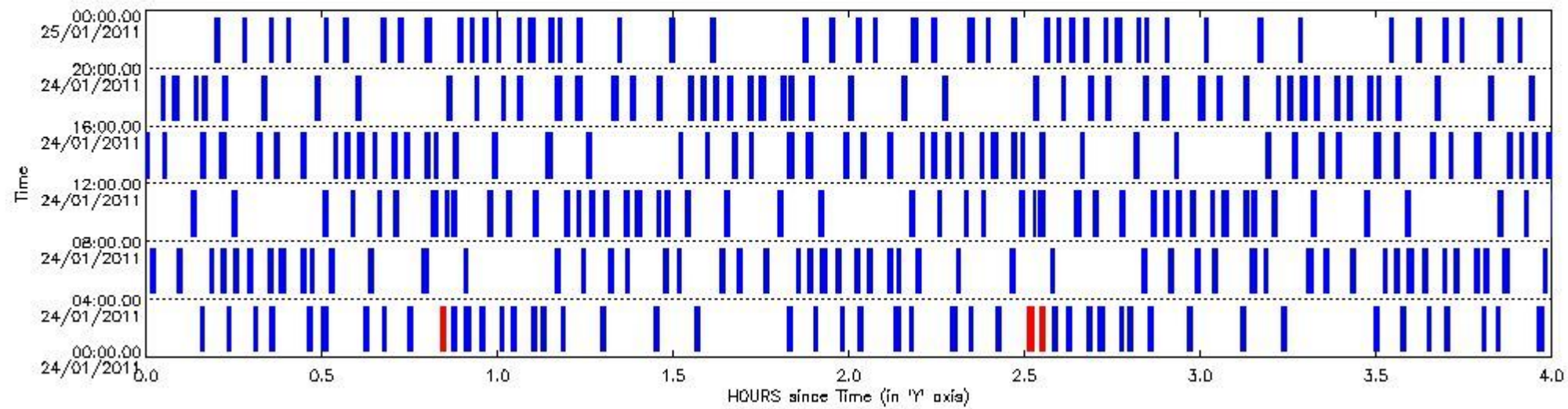
2.1 Level 0 products arrived in PCF (see template [here](#))

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
24-JAN-2011 00:50:12	GamLup	131	46539
24-JAN-2011 02:30:27	GamLup	131	46540
24-JAN-2011 02:32:27	BetLup	109	46540

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_1PNPDE20110124_000908_000000463098_00404_46539_6179.N1	24-JAN-2011 00:09:08	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46539	No
2	GOM_TRA_1PNPDE20110124_001344_000000393098_00404_46539_6180.N1	24-JAN-2011 00:13:44	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46539	No
3	GOM_TRA_1PNPDE20110124_001817_000000393098_00404_46539_6181.N1	24-JAN-2011 00:18:17	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46539	No
4	GOM_TRA_1PNPDE20110124_002109_000000353098_00404_46539_6182.N1	24-JAN-2011 00:21:09	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	46539	No
5	GOM_TRA_1PNPDE20110124_002734_000000453098_00404_46539_6183.N1	24-JAN-2011 00:27:34	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	46539	No
6	GOM_TRA_1PNPDE20110124_002959_000000523098_00404_46539_6184.N1	24-JAN-2011 00:29:59	Bright	52.000	67	5Alp CrB	2.2210	11000.0	104	46539	No
7	GOM_TRA_1PNPDE20110124_003704_000000583098_00404_46539_6185.N1	24-JAN-2011 00:37:04	Bright	57.500	102	24Alp Ser	2.6000	4250.0	115	46539	No
8	GOM_TRA_1PNPDE20110124_004014_000000443098_00404_46539_6187.N1	24-JAN-2011 00:40:14	Tw_i_and_stray	44.000	98	13Zet Oph	2.5710	30000.0	88	46539	Yes

9	GOM_TRA_1PNPDE20110124_004443_000000493098_00404_46539_6188.N1	24-JAN-2011 00:44:43	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	46539	No
10	GOM_TRA_1PNPDE20110124_005215_000000423098_00404_46539_6189.N1	24-JAN-2011 00:52:15	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46539	No
11	GOM_TRA_1PNPDE20110124_005422_000000623098_00405_46540_6190.N1	24-JAN-2011 00:54:22	Dark	62.000	54	5The Cen	2.0550	4500.0	124	46540	No
12	GOM_TRA_1PNPDE20110124_005654_000000453098_00405_46540_6191.N1	24-JAN-2011 00:56:54	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46540	No
13	GOM_TRA_1PNPDE20110124_010021_000000423098_00405_46540_6192.N1	24-JAN-2011 01:00:21	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46540	No
14	GOM_TRA_1PNPDE20110124_010553_000000473098_00405_46540_6193.N1	24-JAN-2011 01:05:53	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46540	No
15	GOM_TRA_1PNPDE20110124_010726_000000413098_00405_46540_6194.N1	24-JAN-2011 01:07:26	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46540	No
16	GOM_TRA_1PNPDE20110124_011045_000000473098_00405_46540_6195.N1	24-JAN-2011 01:10:45	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46540	No
17	GOM_TRA_1PNPDE20110124_011733_000000443098_00405_46540_6196.N1	24-JAN-2011 01:17:33	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46540	No
18	GOM_TRA_1PNPDE20110124_012641_000000413098_00405_46540_6197.N1	24-JAN-2011 01:26:41	Tw_i_and_stray	40.500	8	10Alp CMi	0.40000	6500.0	81	46540	No
19	GOM_TRA_1PNPDE20110124_013341_000000453098_00405_46540_6198.N1	24-JAN-2011 01:33:41	Bright	45.000	17	78Bet Gem	1.1610	4500.0	90	46540	No
20	GOM_TRA_1PNPDE20110124_014922_000000483098_00405_46540_6199.N1	24-JAN-2011 01:49:22	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46540	No
21	GOM_TRA_1PNPDE20110124_015358_000000403098_00405_46540_6200.N1	24-JAN-2011 01:53:58	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46540	No
22	GOM_TRA_1PNPDE20110124_015830_000000393098_00405_46540_6201.N1	24-JAN-2011 01:58:30	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46540	No
23	GOM_TRA_1PNPDE20110124_020123_000000543098_00405_46540_6202.N1	24-JAN-2011 02:01:23	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46540	No
24	GOM_TRA_1PNPDE20110124_020748_000000583098_00405_46540_6203.N1	24-JAN-2011 02:07:48	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46540	No
25	GOM_TRA_1PNPDE20110124_021013_000000433098_00405_46540_6204.N1	24-JAN-2011 02:10:13	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	46540	No
26	GOM_TRA_1PNPDE20110124_021718_000000613098_00405_46540_6212.N1	24-JAN-2011 02:17:18	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	46540	No
27	GOM_TRA_1PNPDE20110124_022028_000000423098_00405_46540_6213.N1	24-JAN-2011 02:20:28	Tw_i_and_stray	42.000	98	13Zet Oph	2.5710	30000.	84	46540	No
28	GOM_TRA_1PNPDE20110124_022458_000000563098_00405_46540_6214.N1	24-JAN-2011 02:24:58	Twilight	55.500	16	21Alp Sco	1.0200	3000.0	111	46540	No
29	GOM_TRA_1PNPDE20110124_023437_000000513098_00406_46541_6215.N1	24-JAN-2011 02:34:37	Dark	50.500	54	5The Cen	2.0550	4500.0	101	46541	No
30	GOM_TRA_1PNPDE20110124_023709_000000403098_00406_46541_6216.N1	24-JAN-2011 02:37:09	Dark	40.000	10	Bet Cen	0.61000	28000.	80	46541	No
31	GOM_TRA_1PNPDE20110124_024036_000000443098_00406_46541_6217.N1	24-JAN-2011 02:40:36	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46541	No
32	GOM_TRA_1PNPDE20110124_024608_000000453098_00406_46541_6218.N1	24-JAN-2011 02:46:08	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46541	No
33	GOM_TRA_1PNPDE20110124_024740_000000403098_00406_46541_6219.N1	24-JAN-2011 02:47:40	Dark	40.000	91	Kap Vel	2.4900	26000.	80	46541	No
34	GOM_TRA_1PNPDE20110124_025059_000000583098_00406_46541_6220.N1	24-JAN-2011 02:50:59	Dark	58.000	65	Lam Vel	2.2040	4400.0	116	46541	No
35	GOM_TRA_1PNPDE20110124_025747_000000473098_00406_46541_6221.N1	24-JAN-2011 02:57:47	Straylight	46.500	132	15Rho Pup	2.8030	6900.0	93	46541	No
36	GOM_TRA_1PNPDE20110124_030655_000000413098_00406_46541_6222.N1	24-JAN-2011 03:06:55	Tw_i_and_stray	41.000	8	10Alp CMi	0.40000	6500.0	82	46541	No
37	GOM_TRA_1PNPDE20110124_031355_000000453098_00406_46541_6223.N1	24-JAN-2011 03:13:55	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46541	No
38	GOM_TRA_1PNPDE20110124_032935_000000483098_00406_46541_6224.N1	24-JAN-2011 03:29:35	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46541	No
39	GOM_TRA_1PNPDE20110124_033412_000000413098_00406_46541_6237.N1	24-JAN-2011 03:34:12	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46541	No
40	GOM_TRA_1PNPDE20110124_033844_000000393098_00406_46541_6238.N1	24-JAN-2011 03:38:44	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46541	No
41	GOM_TRA_1PNPDE20110124_034137_000000543098_00406_46541_6239.N1	24-JAN-2011 03:41:37	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46541	No
42	GOM_TRA_1PNPDE20110124_034802_000000393098_00406_46541_6240.N1	24-JAN-2011 03:48:02	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	46541	No
43	GOM_TRA_1PNPDE20110124_035027_000000433098_00406_46541_6241.N1	24-JAN-2011 03:50:27	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	46541	No
44	GOM_TRA_1PNPDE20110124_035733_000000623098_00406_46541_6242.N1	24-JAN-2011 03:57:33	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46541	No
45	GOM_TRA_1PNPDE20110124_040043_000000463098_00406_46541_6243.N1	24-JAN-2011 04:00:43	Tw_i_and_stray	45.500	98	13Zet Oph	2.5710	30000.	91	46541	No
46	GOM_TRA_1PNPDE20110124_040512_000000533098_00406_46541_6244.N1	24-JAN-2011 04:05:12	Twilight	52.500	16	21Alp Sco	1.0200	3000.0	105	46541	No
47	GOM_TRA_1PNPDE20110124_041045_000000413098_00406_46541_6245.N1	24-JAN-2011 04:10:45	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46541	No
48	GOM_TRA_1PNPDE20110124_041245_000000443098_00406_46541_6246.N1	24-JAN-2011 04:12:45	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46541	No
49	GOM_TRA_1PNPDE20110124_041452_000000573098_00407_46542_6247.N1	24-JAN-2011 04:14:52	Dark	57.000	54	5The Cen	2.0550	4500.0	114	46542	No
50	GOM_TRA_1PNPDE20110124_041724_000000403098_00407_46542_6248.N1	24-JAN-2011 04:17:24	Dark	40.000	10	Bet Cen	0.61000	28000.	80	46542	No
51	GOM_TRA_1PNPDE20110124_042050_000000423098_00407_46542_6249.N1	24-JAN-2011 04:20:50	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46542	No
52	GOM_TRA_1PNPDE20110124_042622_000000533098_00407_46542_6250.N1	24-JAN-2011 04:26:22	Dark	52.500	113	Mu Vel	2.6920	5000.0	105	46542	No
53	GOM_TRA_1PNPDE20110124_042755_000000413098_00407_46542_6251.N1	24-JAN-2011 04:27:55	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46542	No
54	GOM_TRA_1PNPDE20110124_043114_000000483098_00407_46542_6252.N1	24-JAN-2011 04:31:14	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46542	No
55	GOM_TRA_1PNPDE20110124_043801_000000473098_00407_46542_6253.N1	24-JAN-2011 04:38:01	Straylight	46.500	132	15Rho Pup	2.8030	6900.0	93	46542	No
56	GOM_TRA_1PNPDE20110124_044709_000000523098_00407_46542_6254.N1	24-JAN-2011 04:47:09	Tw_i_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	46542	No
57	GOM_TRA_1PNPDE20110124_045409_000000453098_00407_46542_6255.N1	24-JAN-2011 04:54:09	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46542	No
58	GOM_TRA_1PNPDE20110124_050948_000000483098_00407_46542_6256.N1	24-JAN-2011 05:09:48	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46542	No
59	GOM_TRA_1PNPDE20110124_051426_000000363098_00407_46542_6257.N1	24-JAN-2011 05:14:26	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46542	No
60	GOM_TRA_1PNPDE20110124_051858_000000403098_00407_46542_6262.N1	24-JAN-2011 05:18:58	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46542	No
61	GOM_TRA_1PNPDE20110124_052151_000000383098_00407_46542_6263.N1	24-JAN-2011 05:21:51	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46542	No
62	GOM_TRA_1PNPDE20110124_052816_000000583098_00407_46542_6264.N1	24-JAN-2011 05:28:16	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46542	No
63	GOM_TRA_1PNPDE20110124_053042_000000353098_00407_46542_6265.N1	24-JAN-2011 05:30:42	Tw_i_and_stray	35.000	67	5Alp CrB	2.2210	11000.	70	46542	No
64	GOM_TRA_1PNPDE20110124_053748_000000603098_00407_46542_6266.N1	24-JAN-2011 05:37:48	Bright	60.000	102	24Alp Ser	2.6000	4250.0	120	46542	No
65	GOM_TRA_1PNPDE20110124_054057_000000473098_00407_46542_6267.N1	24-JAN-2011 05:40:57	Tw_i_and_stray	46.500	98	13Zet Oph	2.5710	30000.	93	46542	No
66	GOM_TRA_1PNPDE20110124_054527_000000563098_00407_46542_6268.N1	24-JAN-2011 05:45:27	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	46542	No
67	GOM_TRA_1PNPDE20110124_055059_000000403098_00407_46542_6269.N1	24-JAN-2011 05:50:59	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46542	No

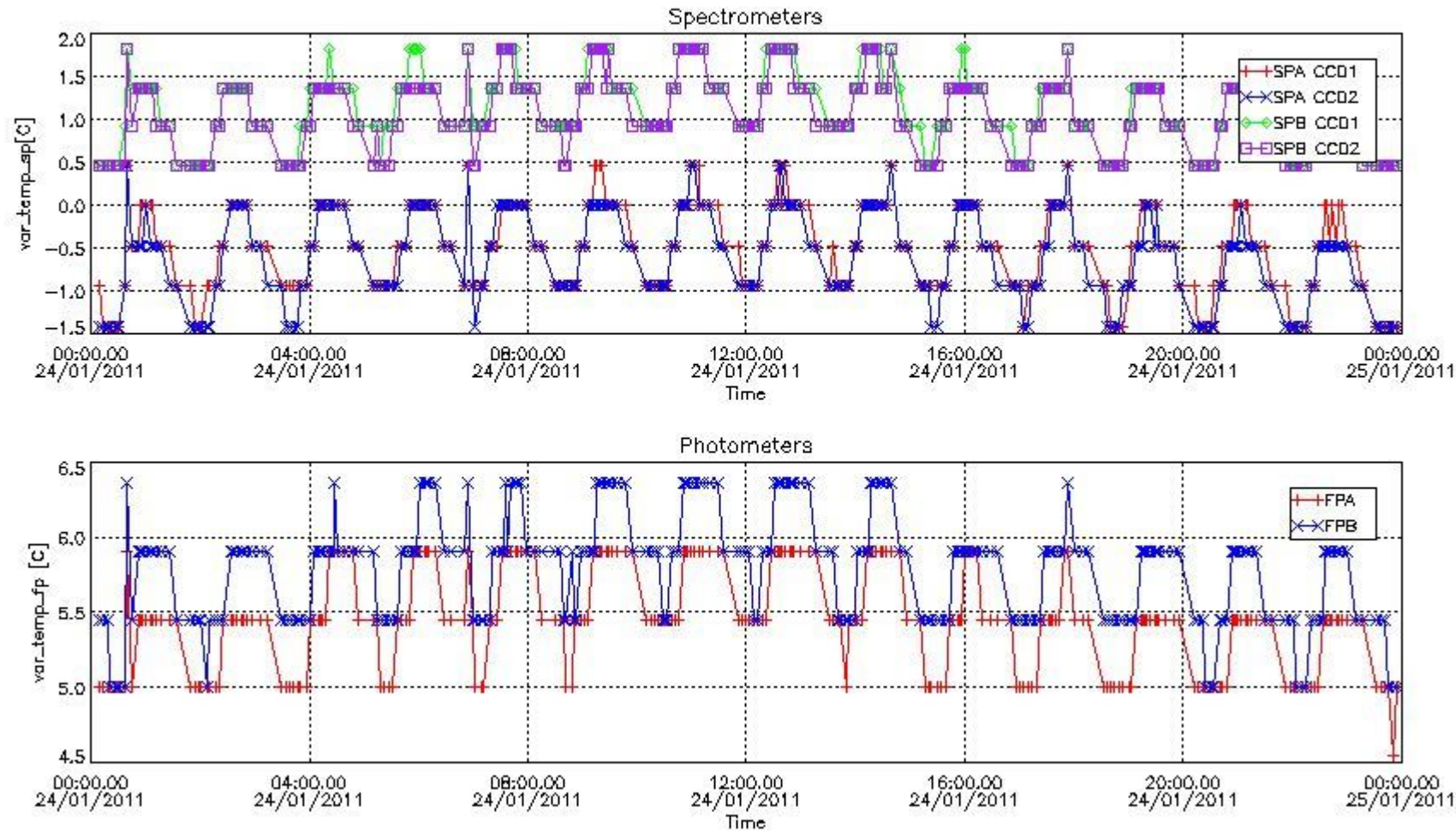
68	GOM_TRA_1PNPDE20110124_055300_000000423098_00407_46542_6270.N1	24-JAN-2011 05:53:00	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46542	No
69	GOM_TRA_1PNPDE20110124_055507_000000593098_00408_46543_6271.N1	24-JAN-2011 05:55:07	Dark	58.500	54	5The Cen	2.0550	4500.0	117	46543	No
70	GOM_TRA_1PNPDE20110124_055738_000000523098_00408_46543_6272.N1	24-JAN-2011 05:57:38	Dark	52.000	10	Bet Cen	0.61000	28000.	104	46543	No
71	GOM_TRA_1PNPDE20110124_060105_000000433098_00408_46543_6273.N1	24-JAN-2011 06:01:05	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46543	No
72	GOM_TRA_1PNPDE20110124_060637_000000513098_00408_46543_6274.N1	24-JAN-2011 06:06:37	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46543	No
73	GOM_TRA_1PNPDE20110124_060809_000000393098_00408_46543_6275.N1	24-JAN-2011 06:08:09	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46543	No
74	GOM_TRA_1PNPDE20110124_061129_000000483098_00408_46543_6276.N1	24-JAN-2011 06:11:29	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46543	No
75	GOM_TRA_1PNPDE20110124_061816_000000433098_00408_46543_6277.N1	24-JAN-2011 06:18:16	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46543	No
76	GOM_TRA_1PNPDE20110124_062723_000000573098_00408_46543_6278.N1	24-JAN-2011 06:27:23	Twilight	57.000	8	10Alp CMi	0.40000	6500.0	114	46543	No
77	GOM_TRA_1PNPDE20110124_063423_000000443098_00408_46543_6279.N1	24-JAN-2011 06:34:23	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	46543	No
78	GOM_TRA_1PNPDE20110124_065002_000000493098_00408_46543_6280.N1	24-JAN-2011 06:50:02	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46543	No
79	GOM_TRA_1PNPDK20110124_065440_000000413098_00408_46543_5518.N1	24-JAN-2011 06:54:40	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46543	Yes
80	GOM_TRA_1PNPDK20110124_065912_000000373098_00408_46543_5519.N1	24-JAN-2011 06:59:12	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	46543	No
81	GOM_TRA_1PNPDK20110124_070205_000000543098_00408_46543_5520.N1	24-JAN-2011 07:02:05	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46543	No
82	GOM_TRA_1PNPDK20110124_070830_000000583098_00408_46543_5521.N1	24-JAN-2011 07:08:30	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46543	No
83	GOM_TRA_1PNPDK20110124_071056_000000353098_00408_46543_5522.N1	24-JAN-2011 07:10:56	Twilight	35.000	67	5Alp CrB	2.2210	11000.	70	46543	No
84	GOM_TRA_1PNPDK20110124_071803_000000633098_00408_46543_5523.N1	24-JAN-2011 07:18:03	Bright	62.500	102	24Alp Ser	2.6000	4250.0	125	46543	No
85	GOM_TRA_1PNPDK20110124_072112_000000473098_00408_46543_5524.N1	24-JAN-2011 07:21:12	Twilight	46.500	98	13Zet Oph	2.5710	30000.	93	46543	No
86	GOM_TRA_1PNPDK20110124_072541_000000523098_00408_46543_5525.N1	24-JAN-2011 07:25:41	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	46543	No
87	GOM_TRA_1PNPDK20110124_073114_000000423098_00408_46543_5526.N1	24-JAN-2011 07:31:14	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46543	No
88	GOM_TRA_1PNPDK20110124_073315_000000443098_00408_46543_5527.N1	24-JAN-2011 07:33:15	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46543	No
89	GOM_TRA_1PNPDK20110124_073523_000000523098_00409_46544_5528.N1	24-JAN-2011 07:35:23	Dark	52.000	54	5The Cen	2.0550	4500.0	104	46544	No
90	GOM_TRA_1PNPDK20110124_073753_000000463098_00409_46544_5529.N1	24-JAN-2011 07:37:53	Dark	45.500	10	Bet Cen	0.61000	28000.	91	46544	No
91	GOM_TRA_1PNPDK20110124_074119_000000443098_00409_46544_5530.N1	24-JAN-2011 07:41:19	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46544	No
92	GOM_TRA_1PNPDK20110124_074652_000000523098_00409_46544_5531.N1	24-JAN-2011 07:46:52	Dark	51.500	113	Mu Vel	2.6920	5000.0	103	46544	No
93	GOM_TRA_1PNPDK20110124_074824_000000413098_00409_46544_5532.N1	24-JAN-2011 07:48:24	Dark	41.000	91	Kap Vel	2.4900	26000.	82	46544	No
94	GOM_TRA_1PNPDK20110124_075143_000000523098_00409_46544_5533.N1	24-JAN-2011 07:51:43	Dark	51.500	65	Lam Vel	2.2040	4400.0	103	46544	No
95	GOM_TRA_1PNPDK20110124_075830_000000423098_00409_46544_5534.N1	24-JAN-2011 07:58:30	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	46544	No
96	GOM_TRA_1PNPDK20110124_080737_000000493098_00409_46544_5558.N1	24-JAN-2011 08:07:37	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	46544	No
97	GOM_TRA_1PNPDK20110124_081436_000000443098_00409_46544_5559.N1	24-JAN-2011 08:14:36	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46544	No
98	GOM_TRA_1PNPDK20110124_083015_000000473098_00409_46544_5560.N1	24-JAN-2011 08:30:15	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46544	No
99	GOM_TRA_1PNPDK20110124_083453_000000413098_00409_46544_5561.N1	24-JAN-2011 08:34:53	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46544	No
100	GOM_TRA_1PNPDK20110124_083926_000000393098_00409_46544_5562.N1	24-JAN-2011 08:39:26	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46544	No
101	GOM_TRA_1PNPDK20110124_084219_000000383098_00409_46544_5563.N1	24-JAN-2011 08:42:19	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46544	No
102	GOM_TRA_1PNPDK20110124_084844_000000583098_00409_46544_5564.N1	24-JAN-2011 08:48:44	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46544	No
103	GOM_TRA_1PNPDK20110124_085110_000000263098_00409_46544_5565.N1	24-JAN-2011 08:51:10	Twilight	26.000	67	5Alp CrB	2.2210	11000.	52	46544	No
104	GOM_TRA_1PNPDK20110124_085203_000000603098_00409_46544_5566.N1	24-JAN-2011 08:52:03	Bright	60.000	127	27Bet Her	2.7810	4700.0	120	46544	No
105	GOM_TRA_1PNPDK20110124_085817_000000563098_00409_46544_5567.N1	24-JAN-2011 08:58:17	Bright	56.000	102	24Alp Ser	2.6000	4250.0	112	46544	No
106	GOM_TRA_1PNPDK20110124_090126_000000473098_00409_46544_5568.N1	24-JAN-2011 09:01:26	Twilight	47.000	98	13Zet Oph	2.5710	30000.	94	46544	No
107	GOM_TRA_1PNPDK20110124_090556_000000493098_00409_46544_5569.N1	24-JAN-2011 09:05:56	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	46544	No
108	GOM_TRA_1PNPDK20110124_091129_000000403098_00409_46544_5570.N1	24-JAN-2011 09:11:29	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46544	No
109	GOM_TRA_1PNPDK20110124_091329_000000433098_00409_46544_5571.N1	24-JAN-2011 09:13:29	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46544	No
110	GOM_TRA_1PNPDK20110124_091538_000000583098_00410_46545_5572.N1	24-JAN-2011 09:15:38	Dark	58.000	54	5The Cen	2.0550	4500.0	116	46545	No
111	GOM_TRA_1PNPDK20110124_091807_000000423098_00410_46545_5573.N1	24-JAN-2011 09:18:07	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46545	No
112	GOM_TRA_1PNPDK20110124_092134_000000443098_00410_46545_5574.N1	24-JAN-2011 09:21:34	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46545	No
113	GOM_TRA_1PNPDK20110124_092706_000000453098_00410_46545_5575.N1	24-JAN-2011 09:27:06	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46545	No
114	GOM_TRA_1PNPDK20110124_092838_000000403098_00410_46545_5576.N1	24-JAN-2011 09:28:38	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46545	No
115	GOM_TRA_1PNPDK20110124_093157_000000503098_00410_46545_5577.N1	24-JAN-2011 09:31:57	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46545	No
116	GOM_TRA_1PNPDK20110124_093844_000000443098_00410_46545_5578.N1	24-JAN-2011 09:38:44	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46545	No
117	GOM_TRA_1PNPDK20110124_094751_000000493098_00410_46545_5590.N1	24-JAN-2011 09:47:51	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	46545	No
118	GOM_TRA_1PNPDK20110124_095450_000000433098_00410_46545_5591.N1	24-JAN-2011 09:54:50	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46545	No
119	GOM_TRA_1PNPDK20110124_101028_000000463098_00410_46545_5592.N1	24-JAN-2011 10:10:28	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46545	No
120	GOM_TRA_1PNPDK20110124_101507_000000413098_00410_46545_5593.N1	24-JAN-2011 10:15:07	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46545	No
121	GOM_TRA_1PNPDK20110124_101940_000000403098_00410_46545_5594.N1	24-JAN-2011 10:19:40	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46545	No
122	GOM_TRA_1PNPDK20110124_102233_000000383098_00410_46545_5595.N1	24-JAN-2011 10:22:33	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46545	No
123	GOM_TRA_1PNPDK20110124_102858_000000583098_00410_46545_5596.N1	24-JAN-2011 10:28:58	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46545	No
124	GOM_TRA_1PNPDK20110124_103125_000000263098_00410_46545_5597.N1	24-JAN-2011 10:31:25	Twilight	26.000	67	5Alp CrB	2.2210	11000.	52	46545	No
125	GOM_TRA_1PNPDK20110124_103218_000000603098_00410_46545_5598.N1	24-JAN-2011 10:32:18	Bright	60.000	127	27Bet Her	2.7810	4700.0	120	46545	No
126	GOM_TRA_1PNPDK20110124_103832_000000623098_00410_46545_5599.N1	24-JAN-2011 10:38:32	Bright	61.500	102	24Alp Ser	2.6000	4250.0	123	46545	No

127	GOM_TRA_1PNPDK20110124_104141_000000443098_00410_46545_5600.N1	24-JAN-2011 10:41:41	Twilight	43.500	98	13Zet Oph	2.5710	30000.	87	46545	No
128	GOM_TRA_1PNPDK20110124_104610_000000473098_00410_46545_5601.N1	24-JAN-2011 10:46:10	Twilight	46.500	16	21Alp Sco	1.0200	3000.0	93	46545	No
129	GOM_TRA_1PNPDK20110124_105143_000000433098_00410_46545_5602.N1	24-JAN-2011 10:51:43	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46545	No
130	GOM_TRA_1PNPDK20110124_105344_000000423098_00410_46545_5603.N1	24-JAN-2011 10:53:44	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46545	No
131	GOM_TRA_1PNPDK20110124_105553_000000563098_00411_46546_5604.N1	24-JAN-2011 10:55:53	Dark	55.500	54	5The Cen	2.0550	4500.0	111	46546	No
132	GOM_TRA_1PNPDK20110124_105822_000000423098_00411_46546_5605.N1	24-JAN-2011 10:58:22	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46546	No
133	GOM_TRA_1PNPDK20110124_110148_000000393098_00411_46546_5606.N1	24-JAN-2011 11:01:48	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	46546	No
134	GOM_TRA_1PNPDK20110124_110721_000000453098_00411_46546_5607.N1	24-JAN-2011 11:07:21	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46546	No
135	GOM_TRA_1PNPDK20110124_110853_000000403098_00411_46546_5608.N1	24-JAN-2011 11:08:53	Dark	40.000	91	Kap Vel	2.4900	26000.	80	46546	No
136	GOM_TRA_1PNPDK20110124_111212_000000493098_00411_46546_5609.N1	24-JAN-2011 11:12:12	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46546	No
137	GOM_TRA_1PNPDK20110124_111858_000000443098_00411_46546_5610.N1	24-JAN-2011 11:18:58	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46546	No
138	GOM_TRA_1PNPDK20110124_112805_000000503098_00411_46546_5624.N1	24-JAN-2011 11:28:05	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	46546	No
139	GOM_TRA_1PNPDK20110124_113504_000000433098_00411_46546_5625.N1	24-JAN-2011 11:35:04	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	46546	No
140	GOM_TRA_1PNPDK20110124_115041_000000493098_00411_46546_5626.N1	24-JAN-2011 11:50:41	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46546	No
141	GOM_TRA_1PNPDK20110124_115521_000000383098_00411_46546_5627.N1	24-JAN-2011 11:55:21	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46546	No
142	GOM_TRA_1PNPDK20110124_115954_000000383098_00411_46546_5628.N1	24-JAN-2011 11:59:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46546	No
143	GOM_TRA_1PNPDK20110124_120247_000000373098_00411_46546_5629.N1	24-JAN-2011 12:02:47	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	46546	No
144	GOM_TRA_1PNPDK20110124_120912_000000583098_00411_46546_5630.N1	24-JAN-2011 12:09:12	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46546	No
145	GOM_TRA_1PNPDK20110124_121232_000000603098_00411_46546_5631.N1	24-JAN-2011 12:12:32	Bright	60.000	127	27Bet Her	2.7810	4700.0	120	46546	No
146	GOM_TRA_1PNPDK20110124_121847_000000583098_00411_46546_5632.N1	24-JAN-2011 12:18:47	Bright	57.500	102	24Alp Ser	2.6000	4250.0	115	46546	No
147	GOM_TRA_1PNPDK20110124_122155_000000453098_00411_46546_5633.N1	24-JAN-2011 12:21:55	Twilight	45.000	98	13Zet Oph	2.5710	30000.	90	46546	No
148	GOM_TRA_1PNPDK20110124_122625_000000473098_00411_46546_5634.N1	24-JAN-2011 12:26:25	Twilight	47.000	16	21Alp Sco	1.0200	3000.0	94	46546	No
149	GOM_TRA_1PNPDK20110124_123158_000000413098_00411_46546_5635.N1	24-JAN-2011 12:31:58	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46546	No
150	GOM_TRA_1PNPDK20110124_123359_000000433098_00411_46546_5636.N1	24-JAN-2011 12:33:59	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46546	No
151	GOM_TRA_1PNPDK20110124_123608_000000543098_00412_46547_5637.N1	24-JAN-2011 12:36:08	Dark	54.000	54	5The Cen	2.0550	4500.0	108	46547	No
152	GOM_TRA_1PNPDK20110124_123836_000000433098_00412_46547_5638.N1	24-JAN-2011 12:38:36	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46547	No
153	GOM_TRA_1PNPDK20110124_124203_000000433098_00412_46547_5639.N1	24-JAN-2011 12:42:03	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46547	No
154	GOM_TRA_1PNPDK20110124_124736_000000453098_00412_46547_5640.N1	24-JAN-2011 12:47:36	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46547	No
155	GOM_TRA_1PNPDK20110124_124907_000000403098_00412_46547_5641.N1	24-JAN-2011 12:49:07	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46547	No
156	GOM_TRA_1PNPDK20110124_125226_000000523098_00412_46547_5642.N1	24-JAN-2011 12:52:26	Dark	51.500	65	Lam Vel	2.2040	4400.0	103	46547	No
157	GOM_TRA_1PNPDK20110124_125912_000000453098_00412_46547_5643.N1	24-JAN-2011 12:59:12	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46547	No
158	GOM_TRA_1PNPDK20110124_130819_000000543098_00412_46547_5668.N1	24-JAN-2011 13:08:19	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	46547	No
159	GOM_TRA_1PNPDK20110124_131517_000000423098_00412_46547_5669.N1	24-JAN-2011 13:15:17	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46547	No
160	GOM_TRA_1PNPDK20110124_133055_000000443098_00412_46547_5670.N1	24-JAN-2011 13:30:55	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	46547	No
161	GOM_TRA_1PNPDK20110124_133535_000000373098_00412_46547_5671.N1	24-JAN-2011 13:35:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46547	No
162	GOM_TRA_1PNPDK20110124_134008_000000393098_00412_46547_5672.N1	24-JAN-2011 13:40:08	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46547	No
163	GOM_TRA_1PNPDK20110124_134301_000000373098_00412_46547_5673.N1	24-JAN-2011 13:43:01	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	46547	No
164	GOM_TRA_1PNPDK20110124_134927_000000583098_00412_46547_5674.N1	24-JAN-2011 13:49:27	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46547	No
165	GOM_TRA_1PNPDK20110124_135246_000000603098_00412_46547_5675.N1	24-JAN-2011 13:52:46	Bright	60.000	127	27Bet Her	2.7810	4700.0	120	46547	No
166	GOM_TRA_1PNPDK20110124_135901_000000593098_00412_46547_5676.N1	24-JAN-2011 13:59:01	Bright	58.500	102	24Alp Ser	2.6000	4250.0	117	46547	No
167	GOM_TRA_1PNPDK20110124_140210_000000443098_00412_46547_5677.N1	24-JAN-2011 14:02:10	Twilight	44.000	98	13Zet Oph	2.5710	30000.	88	46547	No
168	GOM_TRA_1PNPDK20110124_140639_000000493098_00412_46547_5678.N1	24-JAN-2011 14:06:39	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	46547	No
169	GOM_TRA_1PNPDK20110124_141213_000000413098_00412_46547_5679.N1	24-JAN-2011 14:12:13	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46547	No
170	GOM_TRA_1PNPDK20110124_141414_000000423098_00412_46547_5680.N1	24-JAN-2011 14:14:14	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46547	No
171	GOM_TRA_1PNPDK20110124_141623_000000523098_00413_46548_5681.N1	24-JAN-2011 14:16:23	Dark	52.000	54	5The Cen	2.0550	4500.0	104	46548	No
172	GOM_TRA_1PNPDK20110124_141851_000000413098_00413_46548_5682.N1	24-JAN-2011 14:18:51	Dark	40.500	10	Bet Cen	0.61000	28000.	81	46548	No
173	GOM_TRA_1PNPDK20110124_142217_000000443098_00413_46548_5683.N1	24-JAN-2011 14:22:17	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46548	No
174	GOM_TRA_1PNPDK20110124_142750_000000443098_00413_46548_5684.N1	24-JAN-2011 14:27:50	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46548	No
175	GOM_TRA_1PNPDK20110124_142921_000000413098_00413_46548_5685.N1	24-JAN-2011 14:29:21	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46548	No
176	GOM_TRA_1PNPDK20110124_143241_000000483098_00413_46548_5686.N1	24-JAN-2011 14:32:41	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46548	No
177	GOM_TRA_1PNPDK20110124_143927_000000463098_00413_46548_5714.N1	24-JAN-2011 14:39:27	Straylight	46.000	132	15Rho Pup	2.8030	6900.0	92	46548	Yes
178	GOM_TRA_1PNPDK20110124_144833_000000553098_00413_46548_5715.N1	24-JAN-2011 14:48:33	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	46548	No
179	GOM_TRA_1PNPDK20110124_145531_000000443098_00413_46548_5716.N1	24-JAN-2011 14:55:31	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	46548	No
180	GOM_TRA_1PNPDK20110124_151108_000000483098_00413_46548_5717.N1	24-JAN-2011 15:11:08	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46548	No
181	GOM_TRA_1PNPDK20110124_151549_000000413098_00413_46548_5718.N1	24-JAN-2011 15:15:49	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46548	No
182	GOM_TRA_1PNPDK20110124_152021_000000403098_00413_46548_5719.N1	24-JAN-2011 15:20:21	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46548	No
183	GOM_TRA_1PNPDK20110124_152315_000000543098_00413_46548_5720.N1	24-JAN-2011 15:23:15	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46548	No
184	GOM_TRA_1PNPDK20110124_152941_000000583098_00413_46548_5721.N1	24-JAN-2011 15:29:41	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46548	No
185	GOM_TRA_1PNPDK20110124_153301_000000613098_00413_46548_5722.N1	24-JAN-2011 15:33:01	Bright	61.000	127	27Bet Her	2.7810	4700.0	122	46548	No

186	GOM_TRA_1PNPDK20110124_153916_000000553098_00413_46548_5723.N1	24-JAN-2011 15:39:16	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	46548	No
187	GOM_TRA_1PNPDK20110124_154224_000000463098_00413_46548_5724.N1	24-JAN-2011 15:42:24	Twilight	46.000	98	13Zet Oph	2.5710	30000.	92	46548	No
188	GOM_TRA_1PNPDK20110124_154654_000000563098_00413_46548_5725.N1	24-JAN-2011 15:46:54	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	46548	No
189	GOM_TRA_1PNPDK20110124_155227_000000413098_00413_46548_5726.N1	24-JAN-2011 15:52:27	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46548	No
190	GOM_TRA_1PNPDK20110124_155429_000000423098_00413_46548_5727.N1	24-JAN-2011 15:54:29	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46548	No
191	GOM_TRA_1PNPDK20110124_155638_000000563098_00414_46549_5728.N1	24-JAN-2011 15:56:38	Dark	56.000	54	5The Cen	2.0550	4500.0	112	46549	No
192	GOM_TRA_1PNPDK20110124_155906_000000443098_00414_46549_5729.N1	24-JAN-2011 15:59:06	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46549	No
193	GOM_TRA_1PNPDK20110124_160232_000000433098_00414_46549_5730.N1	24-JAN-2011 16:02:32	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46549	No
194	GOM_TRA_1PNPDK20110124_160805_000000443098_00414_46549_5731.N1	24-JAN-2011 16:08:05	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46549	No
195	GOM_TRA_1PNPDK20110124_160936_000000403098_00414_46549_5732.N1	24-JAN-2011 16:09:36	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46549	No
196	GOM_TRA_1PNPDK20110124_161255_000000523098_00414_46549_5733.N1	24-JAN-2011 16:12:55	Dark	52.000	65	Lam Vel	2.2040	4400.0	104	46549	No
197	GOM_TRA_1PNPDK20110124_161941_000000433098_00414_46549_5732.N1	24-JAN-2011 16:19:41	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46549	No
198	GOM_TRA_1PNPDK20110124_162847_000000523098_00414_46549_5733.N1	24-JAN-2011 16:28:47	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	46549	No
199	GOM_TRA_1PNPDK20110124_163545_000000443098_00414_46549_5734.N1	24-JAN-2011 16:35:45	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46549	No
200	GOM_TRA_1PNPDK20110124_165121_000000483098_00414_46549_5735.N1	24-JAN-2011 16:51:21	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46549	No
201	GOM_TRA_1PNPDK20110124_165602_000000393098_00414_46549_5736.N1	24-JAN-2011 16:56:02	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46549	No
202	GOM_TRA_1PNPDK20110124_170035_000000403098_00414_46549_5737.N1	24-JAN-2011 17:00:35	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46549	No
203	GOM_TRA_1PNPDK20110124_170329_000000373098_00414_46549_5738.N1	24-JAN-2011 17:03:29	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	46549	No
204	GOM_TRA_1PNPDK20110124_170955_000000583098_00414_46549_5739.N1	24-JAN-2011 17:09:55	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46549	No
205	GOM_TRA_1PNPDK20110124_171315_000000613098_00414_46549_5740.N1	24-JAN-2011 17:13:15	Bright	61.000	127	27Bet Her	2.7810	4700.0	122	46549	No
206	GOM_TRA_1PNPDK20110124_171931_000000563098_00414_46549_5741.N1	24-JAN-2011 17:19:31	Bright	55.500	102	24Alp Ser	2.6000	4250.0	111	46549	No
207	GOM_TRA_1PNPDK20110124_172239_000000443098_00414_46549_5742.N1	24-JAN-2011 17:22:39	Twilight	44.000	98	13Zet Oph	2.5710	30000.	88	46549	No
208	GOM_TRA_1PNPDK20110124_172709_000000563098_00414_46549_5743.N1	24-JAN-2011 17:27:09	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	46549	No
209	GOM_TRA_1PNPDK20110124_173242_000000423098_00414_46549_5744.N1	24-JAN-2011 17:32:42	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46549	No
210	GOM_TRA_1PNPDK20110124_173443_000000433098_00414_46549_5745.N1	24-JAN-2011 17:34:43	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46549	No
211	GOM_TRA_1PNPDK20110124_173654_000000533098_00415_46550_5746.N1	24-JAN-2011 17:36:54	Dark	53.000	54	5The Cen	2.0550	4500.0	106	46550	No
212	GOM_TRA_1PNPDK20110124_173920_000000433098_00415_46550_5747.N1	24-JAN-2011 17:39:20	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46550	No
213	GOM_TRA_1PNPDK20110124_174247_000000423098_00415_46550_5748.N1	24-JAN-2011 17:42:47	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46550	No
214	GOM_TRA_1PNPDK20110124_174820_000000523098_00415_46550_5749.N1	24-JAN-2011 17:48:20	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46550	No
215	GOM_TRA_1PNPDK20110124_174950_000000413098_00415_46550_5750.N1	24-JAN-2011 17:49:50	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46550	No
216	GOM_TRA_1PNPDK20110124_175310_000000583098_00415_46550_5773.N1	24-JAN-2011 17:53:10	Dark	58.000	65	Lam Vel	2.2040	4400.0	116	46550	Yes
217	GOM_TRA_1PNPDK20110124_175955_000000453098_00415_46550_5774.N1	24-JAN-2011 17:59:55	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46550	No
218	GOM_TRA_1PNPDK20110124_180901_000000493098_00415_46550_5775.N1	24-JAN-2011 18:09:01	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	46550	No
219	GOM_TRA_1PNPDK20110124_181559_000000423098_00415_46550_5776.N1	24-JAN-2011 18:15:59	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46550	No
220	GOM_TRA_1PNPDK20110124_183135_000000493098_00415_46550_5777.N1	24-JAN-2011 18:31:35	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46550	No
221	GOM_TRA_1PNPDK20110124_183616_000000423098_00415_46550_5778.N1	24-JAN-2011 18:36:16	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46550	No
222	GOM_TRA_1PNPDK20110124_184049_000000573098_00415_46550_5779.N1	24-JAN-2011 18:40:49	Bright	57.000	119	14Eta Dra	2.7270	4700.0	114	46550	No
223	GOM_TRA_1PNPDK20110124_184344_000000543098_00415_46550_5780.N1	24-JAN-2011 18:43:44	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46550	No
224	GOM_TRA_1PNPDK20110124_185009_000000583098_00415_46550_5781.N1	24-JAN-2011 18:50:09	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46550	No
225	GOM_TRA_1PNPDK20110124_185329_000000613098_00415_46550_5782.N1	24-JAN-2011 18:53:29	Bright	61.000	127	27Bet Her	2.7810	4700.0	122	46550	No
226	GOM_TRA_1PNPDK20110124_185946_000000573098_00415_46550_5783.N1	24-JAN-2011 18:59:46	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46550	No
227	GOM_TRA_1PNPDK20110124_190253_000000483098_00415_46550_5784.N1	24-JAN-2011 19:02:53	Twilight	47.500	98	13Zet Oph	2.5710	30000.	95	46550	No
228	GOM_TRA_1PNPDK20110124_190723_000000493098_00415_46550_5785.N1	24-JAN-2011 19:07:23	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	46550	No
229	GOM_TRA_1PNPDK20110124_191257_000000403098_00415_46550_5786.N1	24-JAN-2011 19:12:57	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46550	No
230	GOM_TRA_1PNPDK20110124_191458_000000443098_00415_46550_5787.N1	24-JAN-2011 19:14:58	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46550	No
231	GOM_TRA_1PNPDK20110124_191709_000000573098_00416_46551_5788.N1	24-JAN-2011 19:17:09	Dark	56.500	54	5The Cen	2.0550	4500.0	113	46551	No
232	GOM_TRA_1PNPDK20110124_191935_000000453098_00416_46551_5789.N1	24-JAN-2011 19:19:35	Dark	44.500	10	Bet Cen	0.61000	28000.	89	46551	No
233	GOM_TRA_1PNPDK20110124_192302_000000413098_00416_46551_5790.N1	24-JAN-2011 19:23:02	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46551	No
234	GOM_TRA_1PNPDK20110124_192835_000000453098_00416_46551_5791.N1	24-JAN-2011 19:28:35	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46551	No
235	GOM_TRA_1PNPDK20110124_193005_000000393098_00416_46551_5792.N1	24-JAN-2011 19:30:05	Dark	38.500	91	Kap Vel	2.4900	26000.	77	46551	No
236	GOM_TRA_1PNPDK20110124_193324_000000513098_00416_46551_5807.N1	24-JAN-2011 19:33:24	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	46551	No
237	GOM_TRA_1PNPDK20110124_194010_000000463098_00416_46551_5808.N1	24-JAN-2011 19:40:10	Straylight	45.500	132	15Rho Pup	2.8030	6900.0	91	46551	No
238	GOM_TRA_1PNPDK20110124_194915_000000513098_00416_46551_5809.N1	24-JAN-2011 19:49:15	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	46551	No
239	GOM_TRA_1PNPDK20110124_195612_000000443098_00416_46551_5810.N1	24-JAN-2011 19:56:12	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46551	No
240	GOM_TRA_1PNPDK20110124_201148_000000493098_00416_46551_5811.N1	24-JAN-2011 20:11:48	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46551	No
241	GOM_TRA_1PNPDK20110124_201630_000000373098_00416_46551_5812.N1	24-JAN-2011 20:16:30	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46551	No
242	GOM_TRA_1PNPDK20110124_202103_000000383098_00416_46551_5813.N1	24-JAN-2011 20:21:03	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46551	No
243	GOM_TRA_1PNPDK20110124_202358_000000353098_00416_46551_5814.N1	24-JAN-2011 20:23:58	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	46551	No
244	GOM_TRA_1PNPDK20110124_203023_000000393098_00416_46551_5815.N1	24-JAN-2011 20:30:23	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	46551	No

245	GOM_TRA_1PNPDK20110124_203344_000000413098_00416_46551_5816.N1	24-JAN-2011 20:33:44	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	46551	No
246	GOM_TRA_1PNPDK20110124_204000_000000603098_00416_46551_5817.N1	24-JAN-2011 20:40:00	Bright	59.500	102	24Alp Ser	2.6000	4250.0	119	46551	No
247	GOM_TRA_1PNPDK20110124_204308_000000453098_00416_46551_5818.N1	24-JAN-2011 20:43:08	Twilight	44.500	98	13Zet Oph	2.5710	30000.	89	46551	No
248	GOM_TRA_1PNPDK20110124_204738_000000573098_00416_46551_5819.N1	24-JAN-2011 20:47:38	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	46551	No
249	GOM_TRA_1PNPDK20110124_205311_000000423098_00416_46551_5820.N1	24-JAN-2011 20:53:11	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46551	No
250	GOM_TRA_1PNPDK20110124_205513_000000433098_00416_46551_5821.N1	24-JAN-2011 20:55:13	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46551	No
251	GOM_TRA_1PNPDK20110124_205724_000000553098_00417_46552_5822.N1	24-JAN-2011 20:57:24	Dark	54.500	54	5The Cen	2.0550	4500.0	109	46552	No
252	GOM_TRA_1PNPDK20110124_205949_000000433098_00417_46552_5823.N1	24-JAN-2011 20:59:49	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46552	No
253	GOM_TRA_1PNPDK20110124_210316_000000433098_00417_46552_5824.N1	24-JAN-2011 21:03:16	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46552	No
254	GOM_TRA_1PNPDK20110124_210849_000000503098_00417_46552_5825.N1	24-JAN-2011 21:08:49	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46552	No
255	GOM_TRA_1PNPDK20110124_211019_000000393098_00417_46552_5826.N1	24-JAN-2011 21:10:19	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46552	No
256	GOM_TRA_1PNPDE20110124_211338_000000513098_00417_46552_6361.N1	24-JAN-2011 21:13:38	Dark	51.000	65	Lam Vel	2.2040	4400.0	102	46552	No
257	GOM_TRA_1PNPDE20110124_212024_000000473098_00417_46552_6362.N1	24-JAN-2011 21:20:24	Straylight	47.000	132	15Rho Pup	2.8030	6900.0	94	46552	No
258	GOM_TRA_1PNPDE20110124_212929_000000493098_00417_46552_6363.N1	24-JAN-2011 21:29:29	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	46552	No
259	GOM_TRA_1PNPDE20110124_213626_000000443098_00417_46552_6364.N1	24-JAN-2011 21:36:26	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	46552	No
260	GOM_TRA_1PNPDE20110124_215201_000000493098_00417_46552_6365.N1	24-JAN-2011 21:52:01	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46552	No
261	GOM_TRA_1PNPDE20110124_215644_000000413098_00417_46552_6366.N1	24-JAN-2011 21:56:44	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46552	No
262	GOM_TRA_1PNPDE20110124_220117_000000403098_00417_46552_6367.N1	24-JAN-2011 22:01:17	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46552	No
263	GOM_TRA_1PNPDE20110124_220412_000000383098_00417_46552_6368.N1	24-JAN-2011 22:04:12	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46552	No
264	GOM_TRA_1PNPDE20110124_221037_000000583098_00417_46552_6369.N1	24-JAN-2011 22:10:37	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46552	No
265	GOM_TRA_1PNPDE20110124_221358_000000613098_00417_46552_6370.N1	24-JAN-2011 22:13:58	Bright	61.000	127	27Bet Her	2.7810	4700.0	122	46552	No
266	GOM_TRA_1PNPDE20110124_222015_000000623098_00417_46552_6371.N1	24-JAN-2011 22:20:15	Bright	61.500	102	24Alp Ser	2.6000	4250.0	123	46552	No
267	GOM_TRA_1PNPDE20110124_222322_000000473098_00417_46552_6384.N1	24-JAN-2011 22:23:22	Twilight	46.500	98	13Zet Oph	2.5710	30000.	93	46552	No
268	GOM_TRA_1PNPDE20110124_222752_000000493098_00417_46552_6385.N1	24-JAN-2011 22:27:52	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	46552	No
269	GOM_TRA_1PNPDE20110124_223326_000000413098_00417_46552_6386.N1	24-JAN-2011 22:33:26	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46552	No
270	GOM_TRA_1PNPDE20110124_223528_000000443098_00417_46552_6387.N1	24-JAN-2011 22:35:28	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46552	No
271	GOM_TRA_1PNPDE20110124_223739_000000553098_00418_46553_6388.N1	24-JAN-2011 22:37:39	Dark	55.000	54	5The Cen	2.0550	4500.0	110	46553	No
272	GOM_TRA_1PNPDE20110124_224004_000000443098_00418_46553_6389.N1	24-JAN-2011 22:40:04	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46553	No
273	GOM_TRA_1PNPDE20110124_224330_000000423098_00418_46553_6390.N1	24-JAN-2011 22:43:30	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46553	No
274	GOM_TRA_1PNPDE20110124_224904_000000473098_00418_46553_6391.N1	24-JAN-2011 22:49:04	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46553	No
275	GOM_TRA_1PNPDE20110124_225033_000000393098_00418_46553_6392.N1	24-JAN-2011 22:50:33	Dark	38.500	91	Kap Vel	2.4900	26000.	77	46553	No
276	GOM_TRA_1PNPDE20110124_225353_000000493098_00418_46553_6393.N1	24-JAN-2011 22:53:53	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46553	No
277	GOM_TRA_1PNPDE20110124_230038_000000423098_00418_46553_6394.N1	24-JAN-2011 23:00:38	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	46553	No
278	GOM_TRA_1PNPDE20110124_230943_000000473098_00418_46553_6395.N1	24-JAN-2011 23:09:43	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	46553	No
279	GOM_TRA_1PNPDE20110124_231640_000000443098_00418_46553_6396.N1	24-JAN-2011 23:16:40	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46553	No
280	GOM_TRA_1PNPDE20110124_233215_000000433098_00418_46553_6397.N1	24-JAN-2011 23:32:15	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46553	No
281	GOM_TRA_1PNPDE20110124_233658_000000413098_00418_46553_6398.N1	24-JAN-2011 23:36:58	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46553	No
282	GOM_TRA_1PNPDE20110124_234131_000000403098_00418_46553_6399.N1	24-JAN-2011 23:41:31	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46553	No
283	GOM_TRA_1PNPDE20110124_234426_000000363098_00418_46553_6400.N1	24-JAN-2011 23:44:26	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	46553	No
284	GOM_TRA_1PNPDE20110124_235052_000000403098_00418_46553_6401.N1	24-JAN-2011 23:50:52	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	46553	No
285	GOM_TRA_1PNPDE20110124_235412_000000413098_00418_46553_6402.N1	24-JAN-2011 23:54:12	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	46553	No

3. Plot of GOMOS spectrometers and photometers temperatures from level 1b data



4. Overview of dark signal processing per product

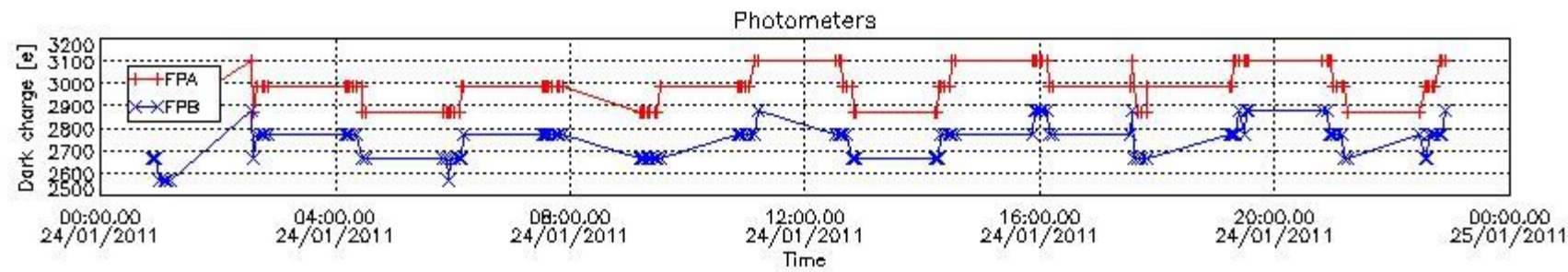
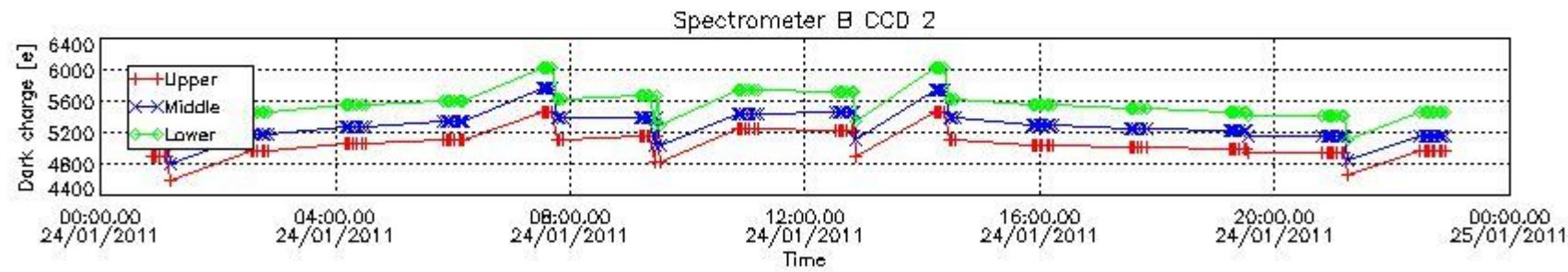
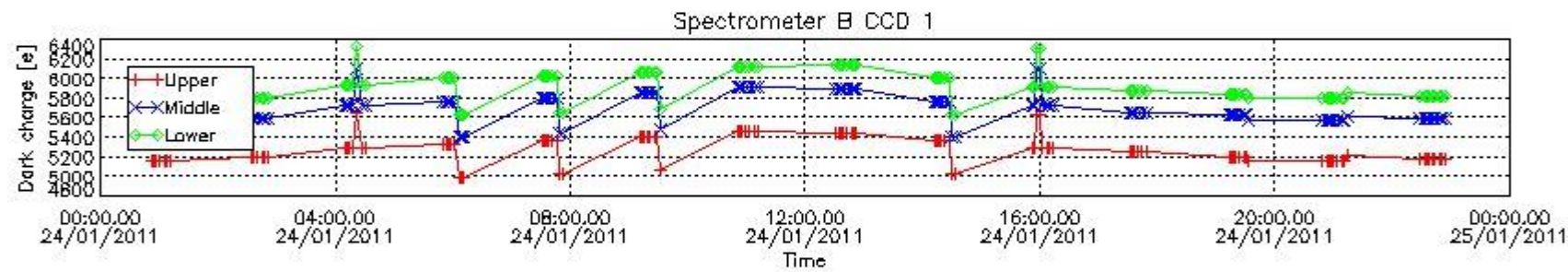
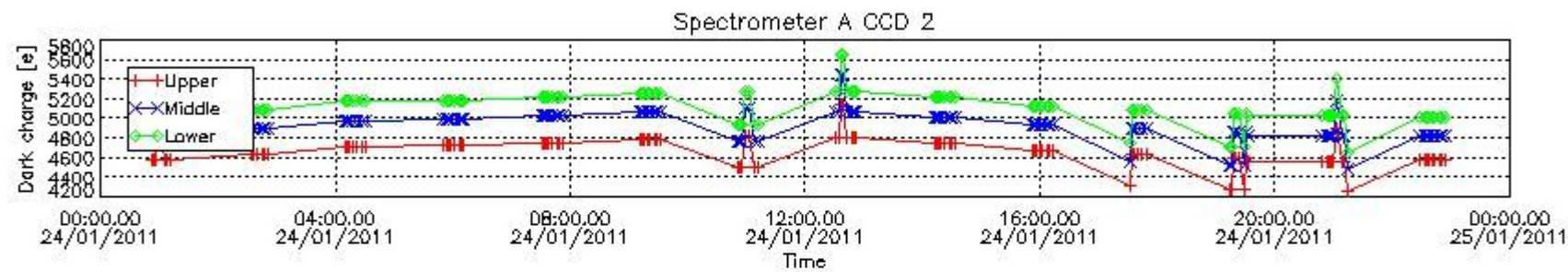
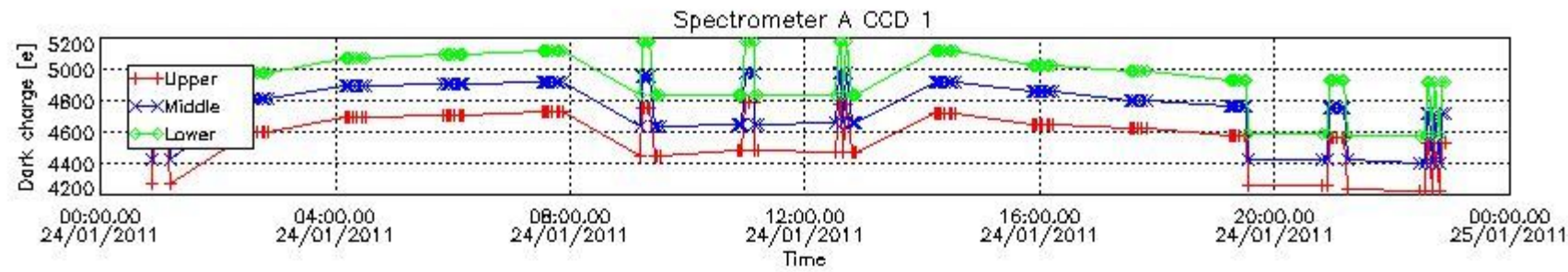
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110124_211338_000000513098_00417_46552_6361.N1	DC map used
GOM_TRA_1PNPDE20110124_212024_000000473098_00417_46552_6362.N1	DC map used
GOM_TRA_1PNPDE20110124_212929_000000493098_00417_46552_6363.N1	DC map used
GOM_TRA_1PNPDE20110124_213626_000000443098_00417_46552_6364.N1	DC map used
GOM_TRA_1PNPDE20110124_215201_000000493098_00417_46552_6365.N1	DC map used
GOM_TRA_1PNPDE20110124_215644_000000413098_00417_46552_6366.N1	DC map used
GOM_TRA_1PNPDE20110124_220117_000000403098_00417_46552_6367.N1	DC map used
GOM_TRA_1PNPDE20110124_220412_000000383098_00417_46552_6368.N1	DC map used
GOM_TRA_1PNPDE20110124_221037_000000583098_00417_46552_6369.N1	DC map used
GOM_TRA_1PNPDE20110124_221358_000000613098_00417_46552_6370.N1	DC map used
GOM_TRA_1PNPDE20110124_222015_000000623098_00417_46552_6371.N1	DC map used

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



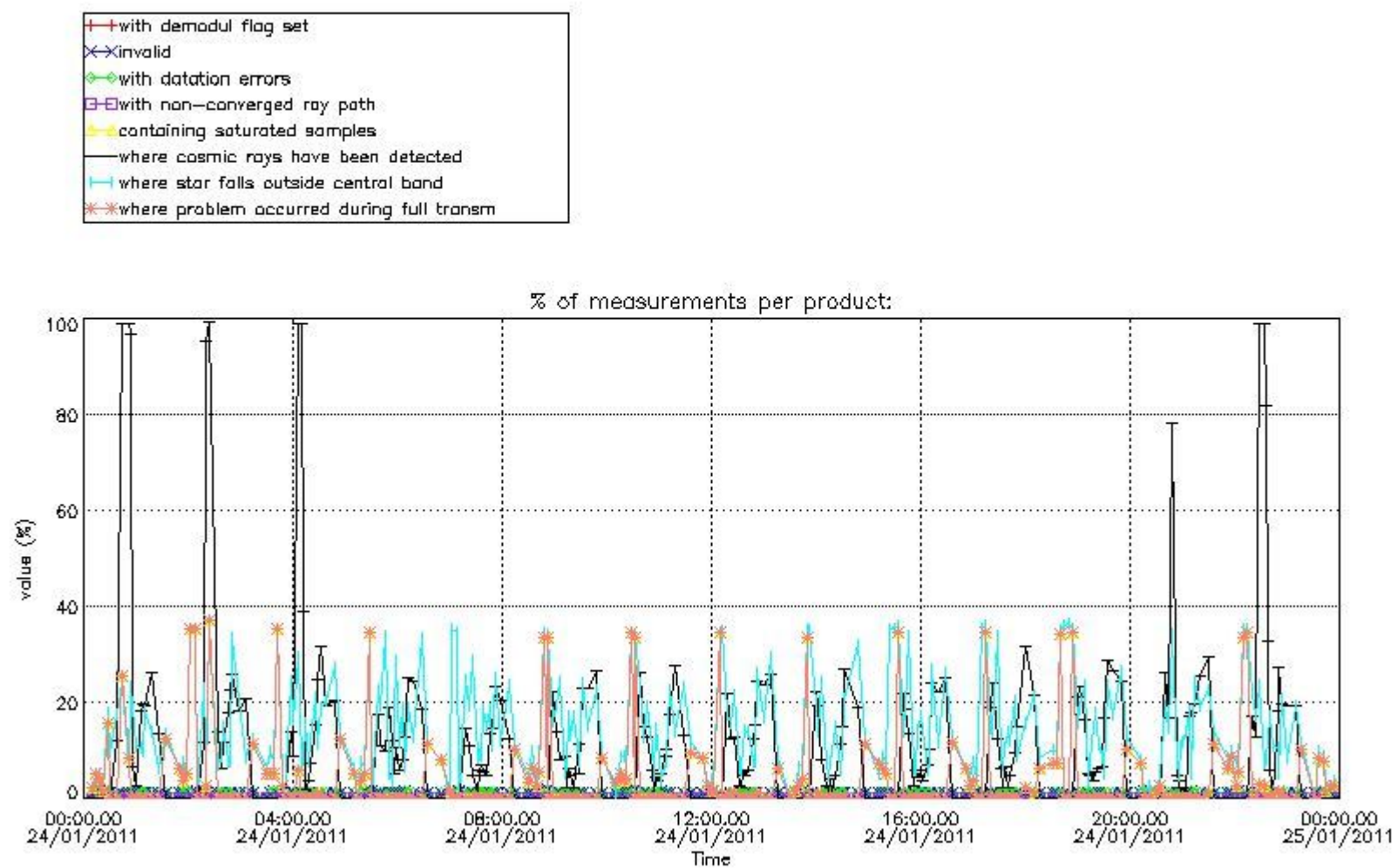
5. Demodulation flag and quality information monitoring

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.

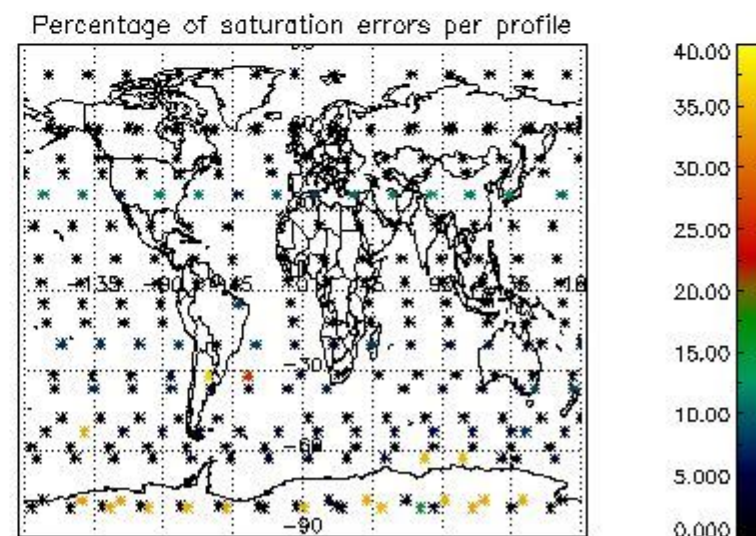
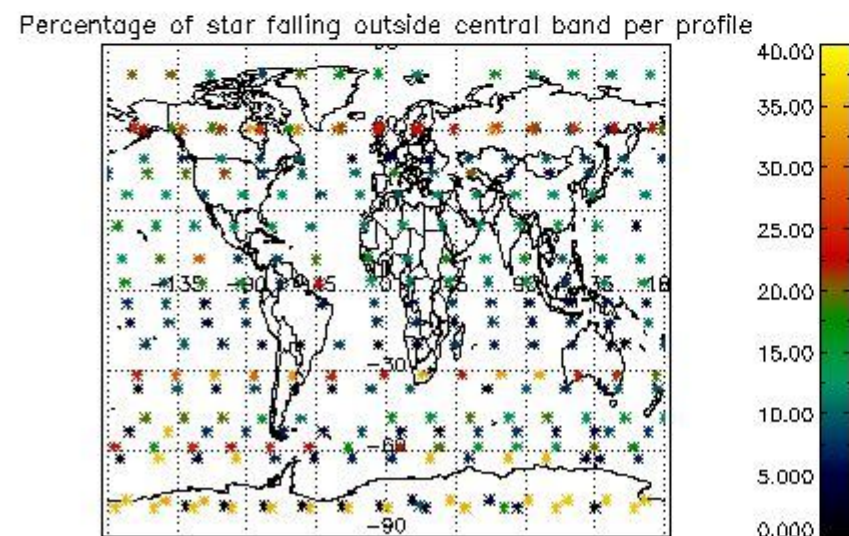
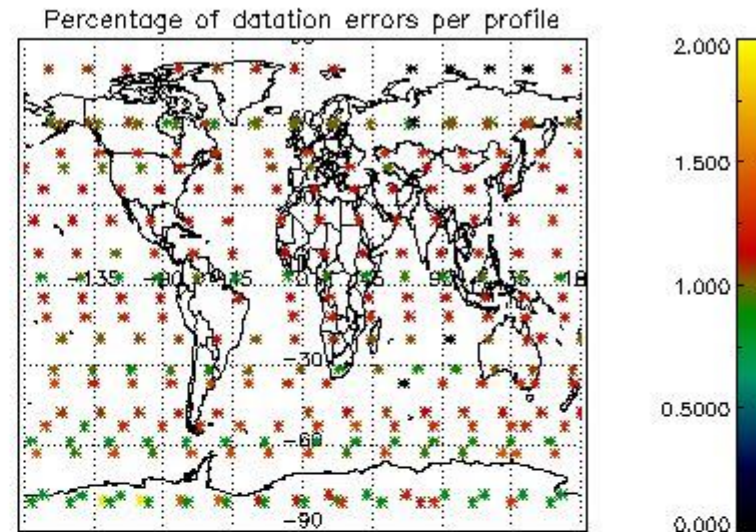
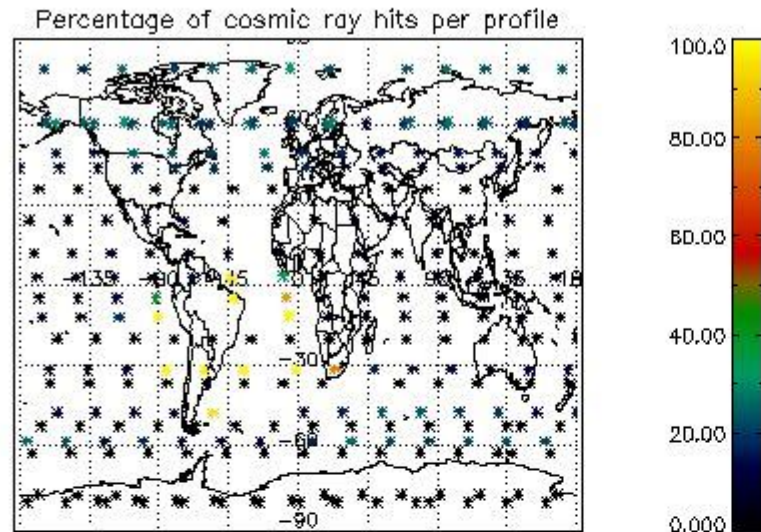
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	49.8221 %
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)



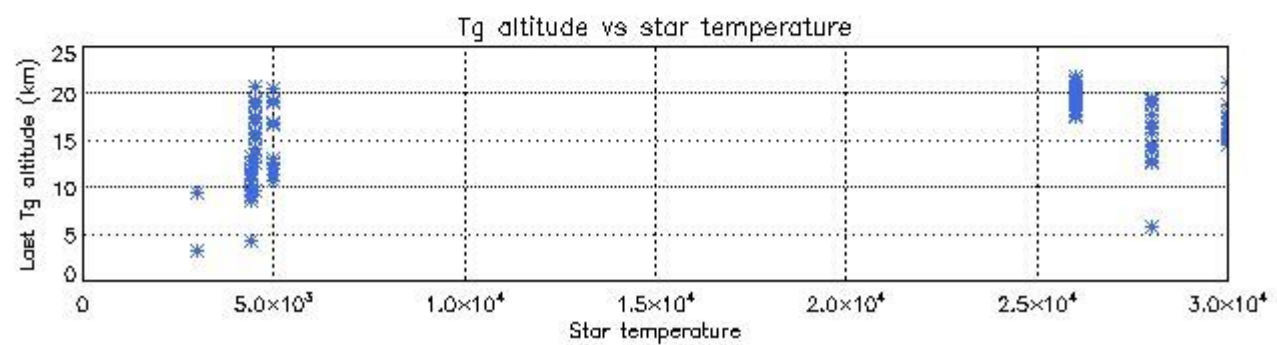
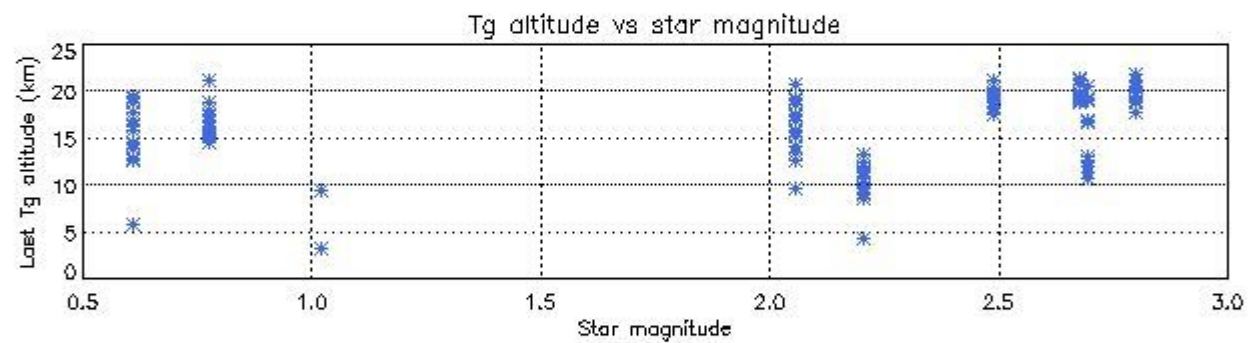
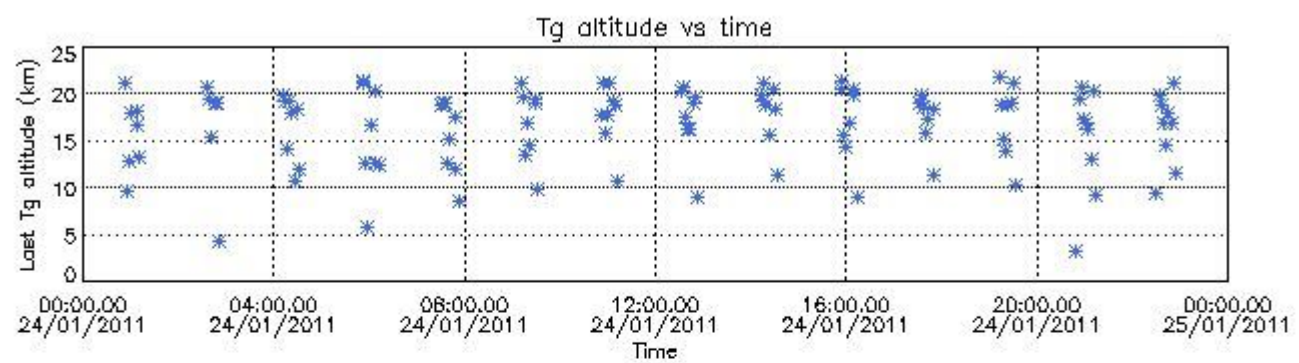
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.601	15.960	7.3364
St. deviation:	4.0785	7.6878	2.8086
Maximum:	21.715	33.595	11.284
Minimum:	3.2996	3.4895	4.0053
Number of data:	110.00	115.00	12.000

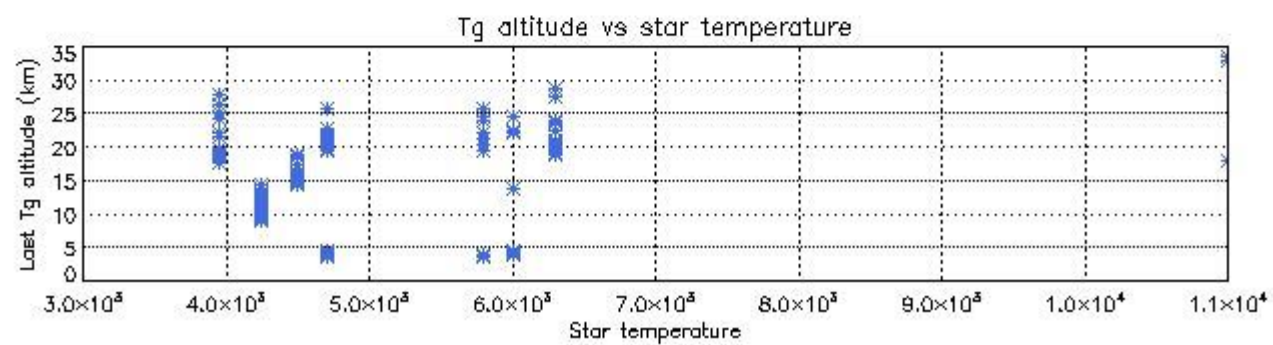
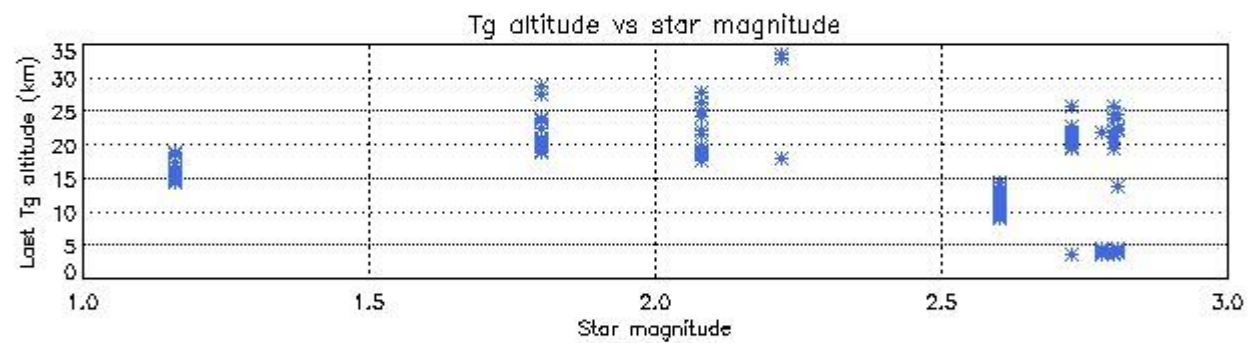
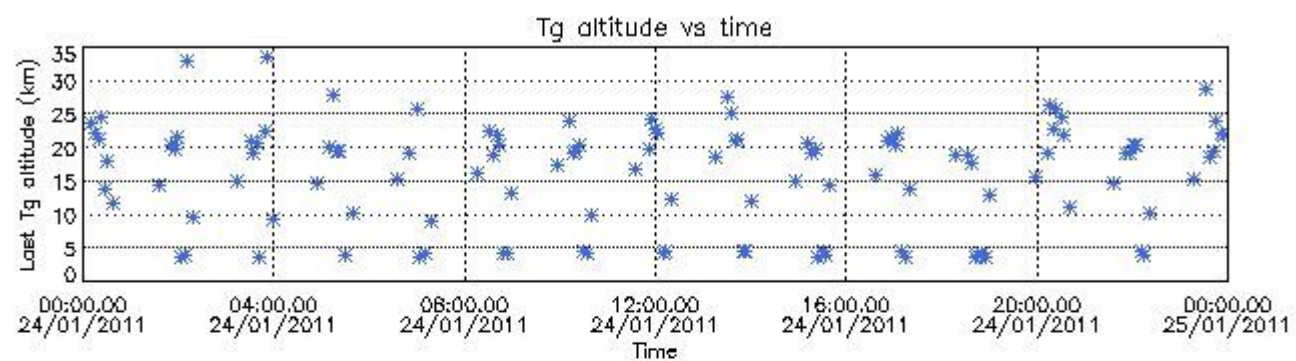
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



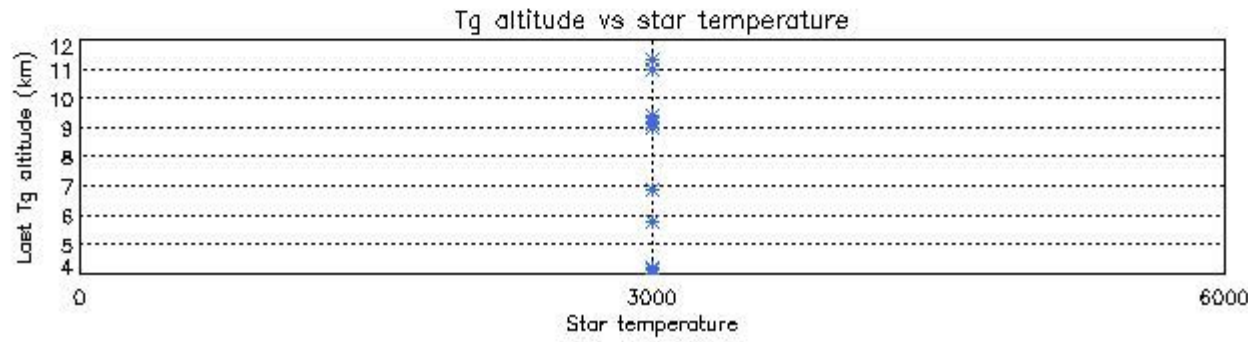
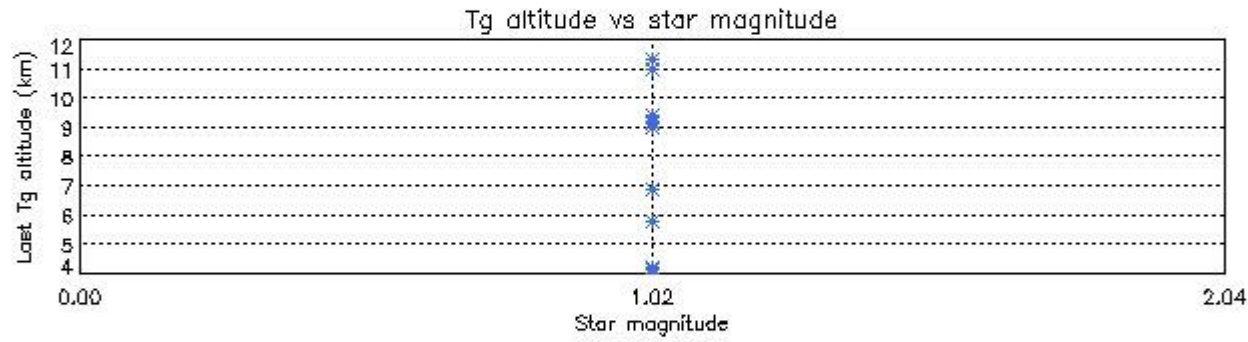
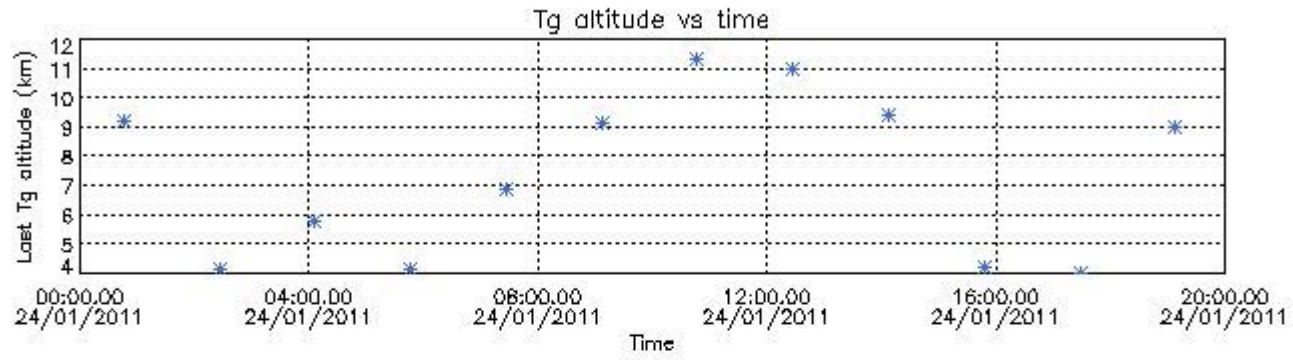
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

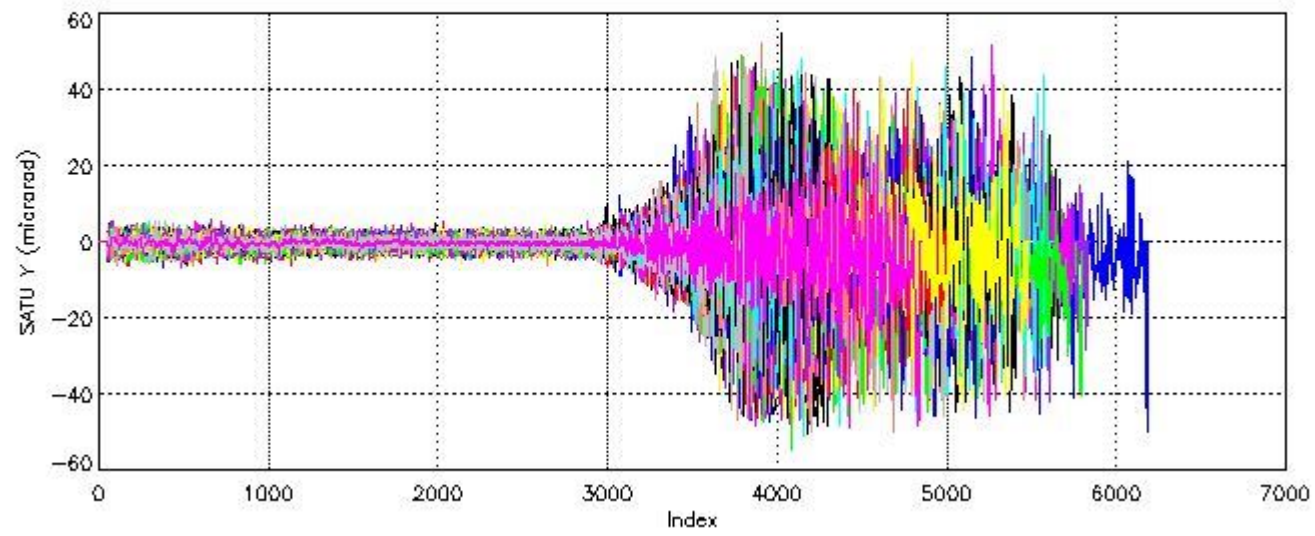
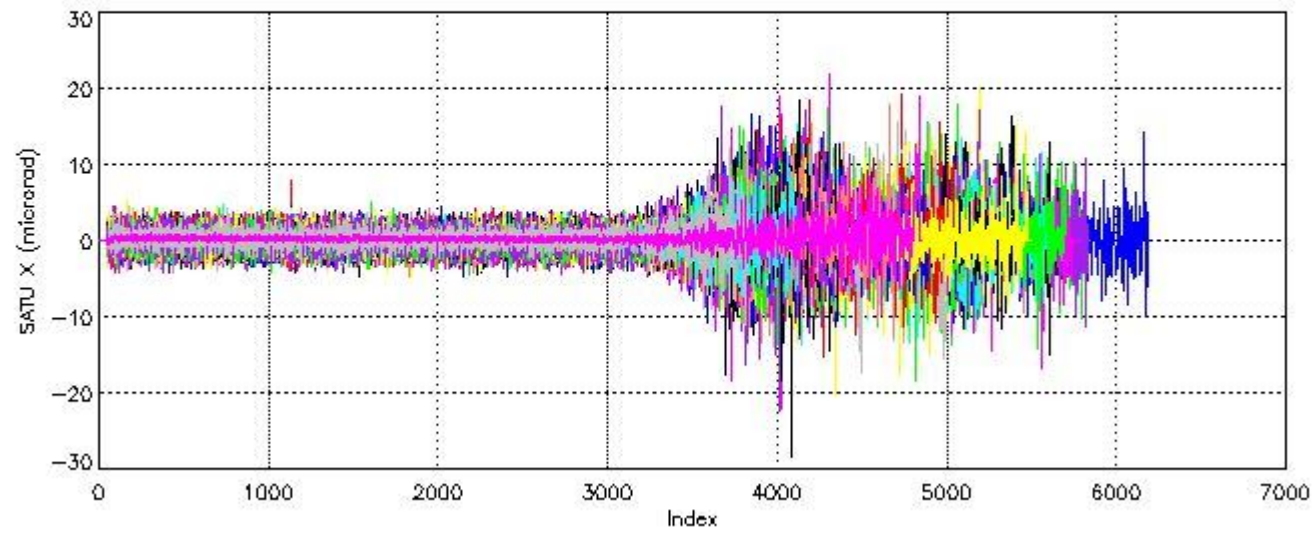


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.19966	-0.43929	0.14407	-0.39242
St. deviation:	0.58421	1.1216	0.56088	0.88403
Maximum:	5.2000	5.7000	4.2000	10.600
Minimum:	-4.3000	-6.8000	-3.9000	-6.1000

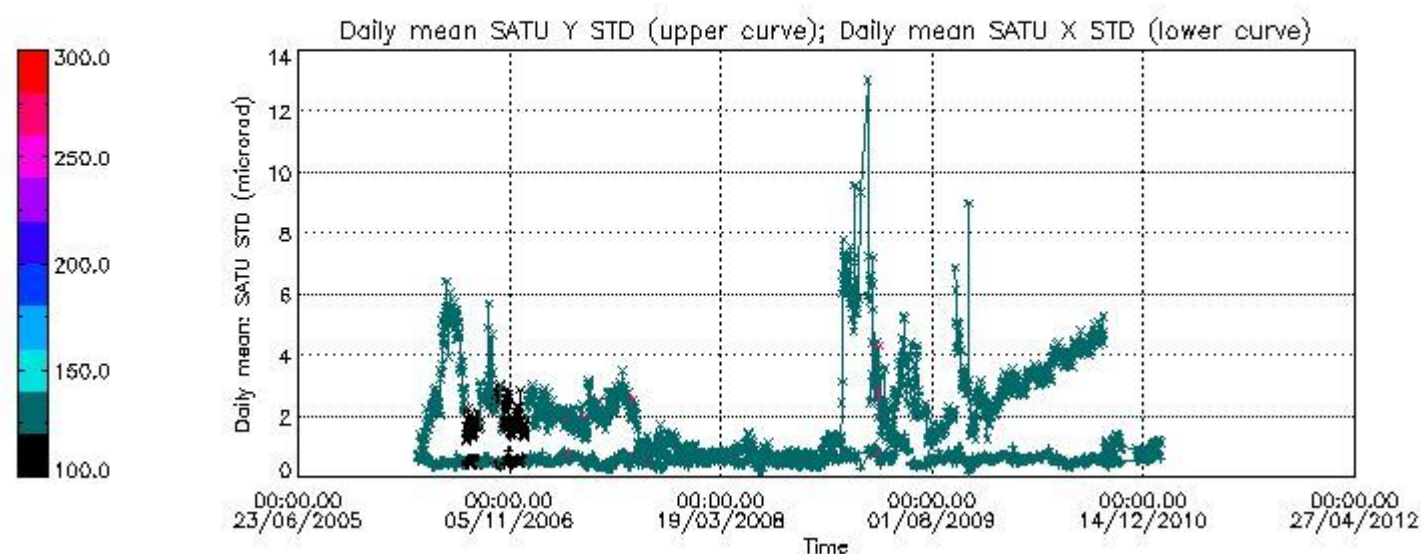
Number of data: 1.1465E+05 1.1465E+05 1.1415E+05 1.1415E+05

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

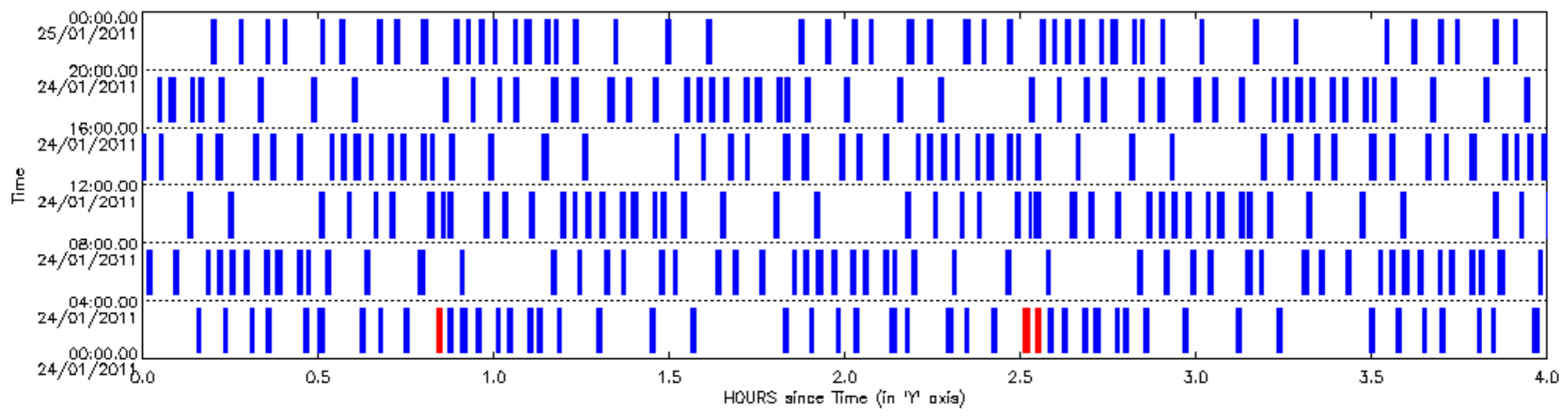


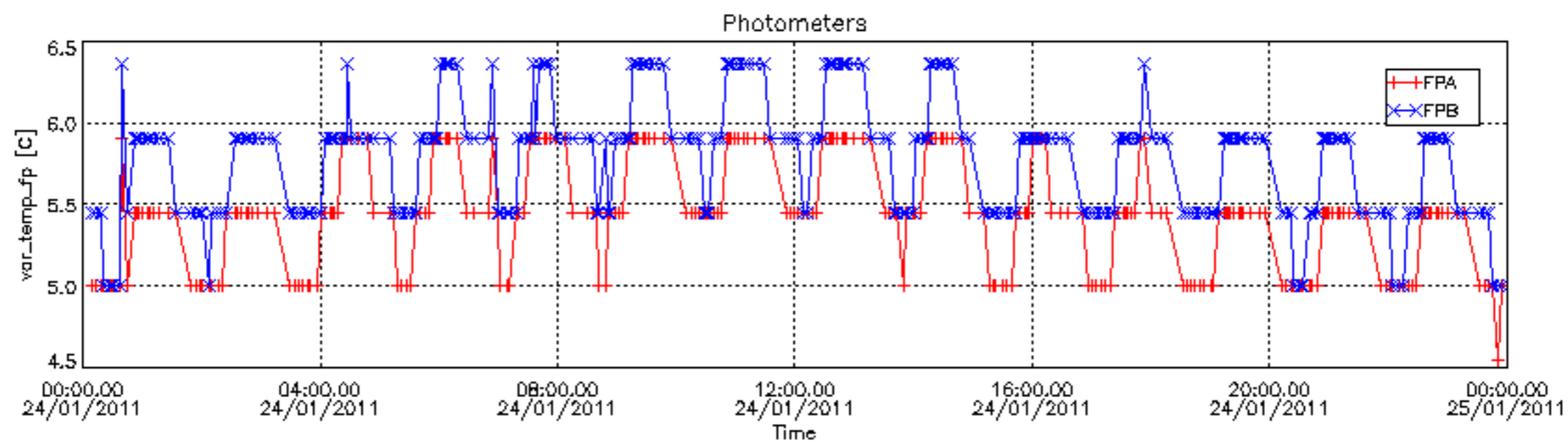
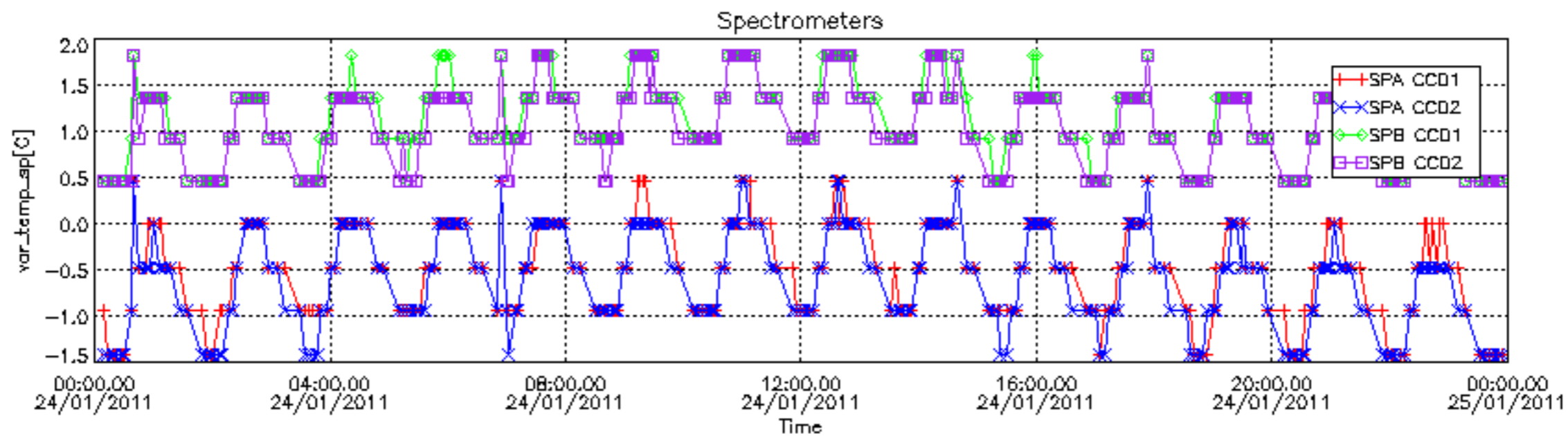
8. Auxiliary Data Files used for the production reported in section 2.4

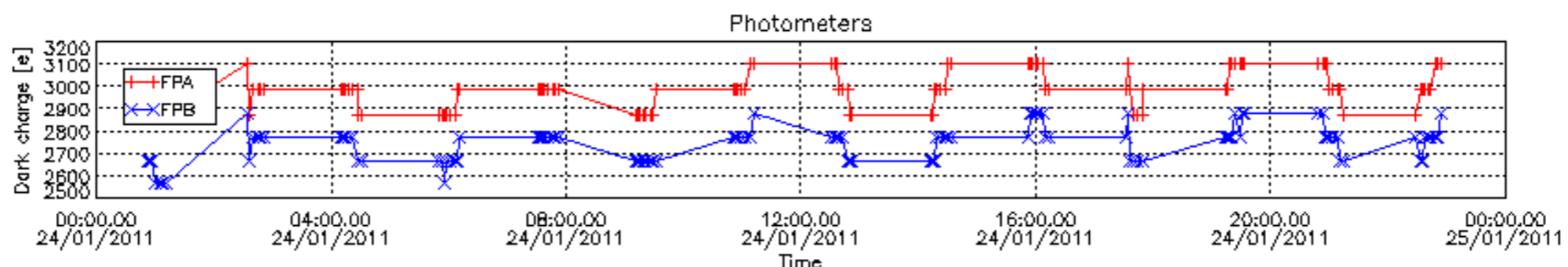
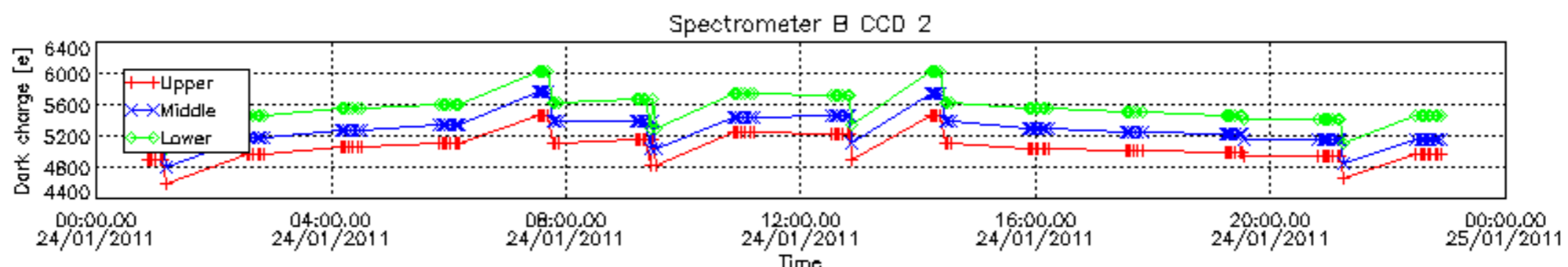
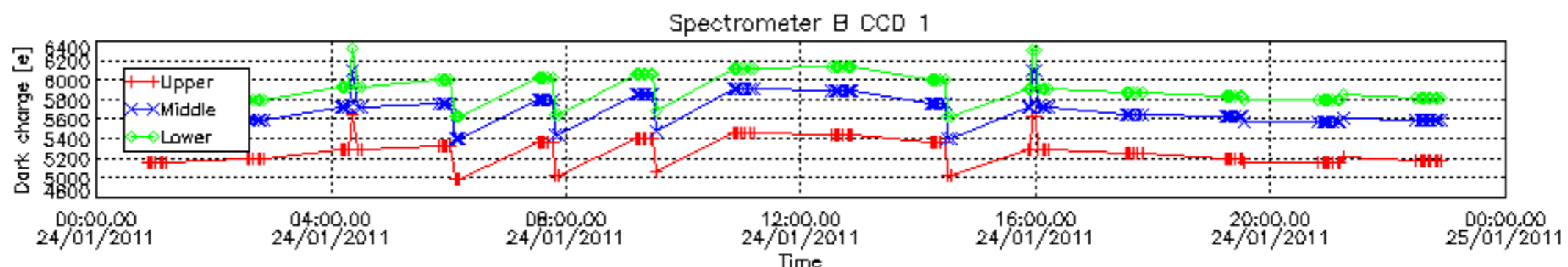
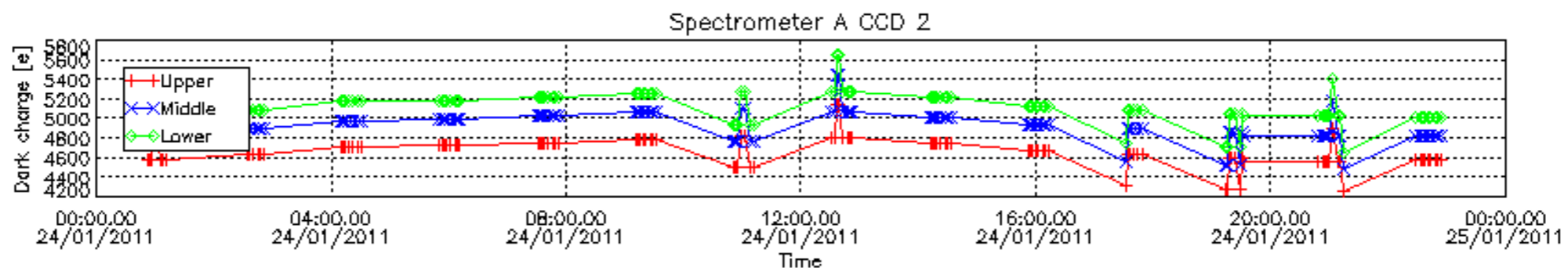
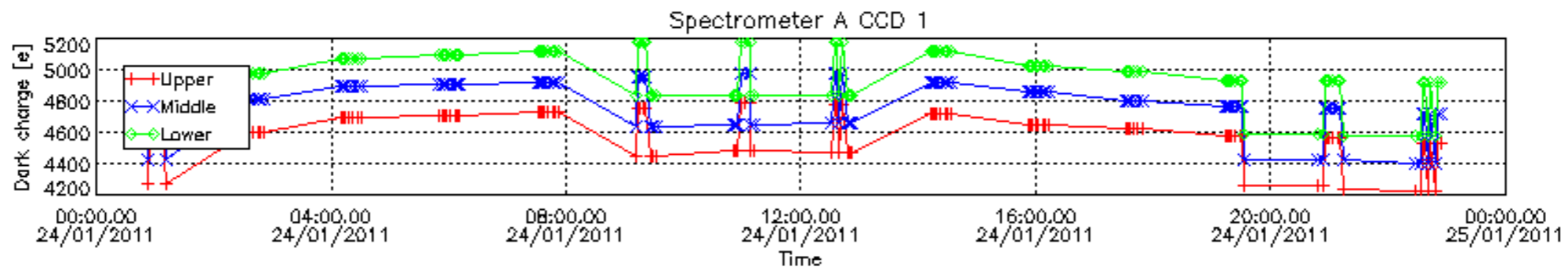
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

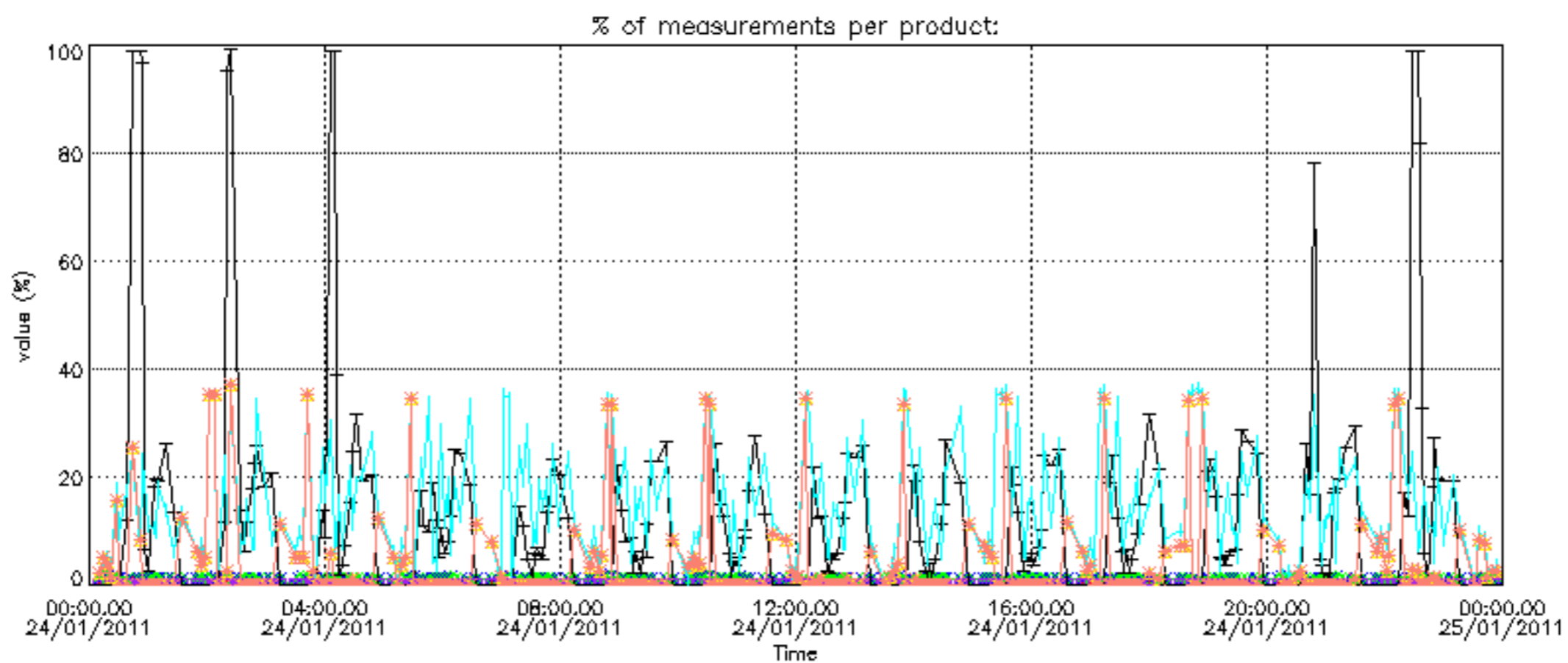
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-JAN-2011 00:09:08
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110118_083541_20110117_000000_20500101_000000	1	24-JAN-2011 00:09:08
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	24-JAN-2011 00:09:08
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	24-JAN-2011 00:09:08
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	24-JAN-2011 00:09:08
ECMWF_FILE	AUX_ECF_AXNECM20110123_052114_20110123_210000_20110124_090000	1	24-JAN-2011 00:09:08
ECMWF_FILE	AUX_ECF_AXNECM20110123_172114_20110124_030000_20110124_150000	39	24-JAN-2011 03:34:12
ECMWF_FILE	AUX_ECA_AXNECM20110124_052114_20110123_210000_20110124_090000	60	24-JAN-2011 05:18:58
ECMWF_FILE	AUX_ECF_AXNECM20110123_172114_20110124_030000_20110124_150000	96	24-JAN-2011 08:07:37
ECMWF_FILE	AUX_ECF_AXNECM20110124_052114_20110124_090000_20110124_210000	117	24-JAN-2011 09:47:51
ECMWF_FILE	AUX_ECF_AXNECM20110124_052115_20110124_150000_20110125_030000	197	24-JAN-2011 16:19:41
ECMWF_FILE	AUX_ECA_AXNECM20110124_170528_20110124_090000_20110124_210000	216	24-JAN-2011 17:53:10
ECMWF_FILE	AUX_ECF_AXNECM20110124_052115_20110124_150000_20110125_030000	236	24-JAN-2011 19:33:24
ECMWF_FILE	AUX_ECF_AXNECM20110124_052115_20110124_210000_20110125_090000	256	24-JAN-2011 21:13:38
OPTIONAL_ECMWF_FILE	MISSING	1	24-JAN-2011 00:09:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110123_225902_000057383098_00403_46538_2385.N1	1	24-JAN-2011 00:09:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110124_004000_000054193098_00404_46539_2386.N1	8	24-JAN-2011 00:40:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110124_021538_000041443098_00405_46540_2387.N1	26	24-JAN-2011 02:17:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110124_033001_000057383098_00406_46541_2388.N1	39	24-JAN-2011 03:34:12
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110124_051058_000057383098_00407_46542_2389.N1	60	24-JAN-2011 05:18:58

ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_065155_000038253098_00408_46543_3620.N1	79	24-JAN-2011 06:54:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_080059_000057383098_00409_46544_3621.N1	96	24-JAN-2011 08:07:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_094156_000054193098_00410_46545_3622.N1	117	24-JAN-2011 09:47:51
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_111734_000057383098_00411_46546_3623.N1	138	24-JAN-2011 11:28:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_125831_000057383098_00412_46547_3624.N1	158	24-JAN-2011 13:08:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_143928_000054193098_00413_46548_3625.N1	177	24-JAN-2011 14:39:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_161506_000054193098_00414_46549_3626.N1	197	24-JAN-2011 16:19:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_175045_000057383098_00415_46550_3627.N1	216	24-JAN-2011 17:53:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110124_192623_000060573098_00416_46551_3628.N1	236	24-JAN-2011 19:33:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110124_210720_000041443098_00417_46552_2390.N1	256	24-JAN-2011 21:13:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110124_222143_000057383098_00417_46552_2391.N1	267	24-JAN-2011 22:23:22

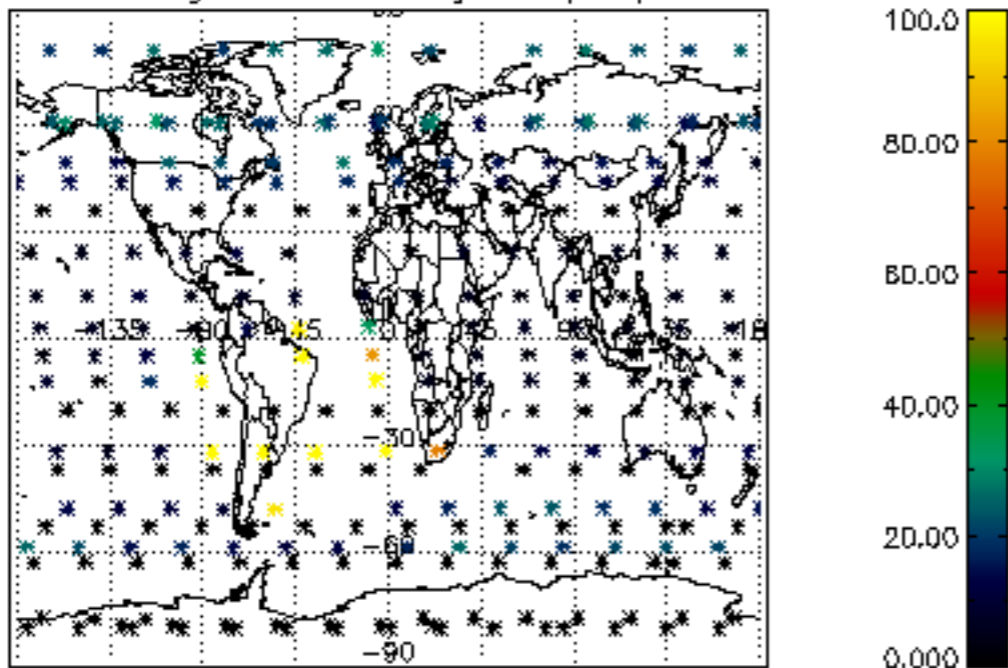




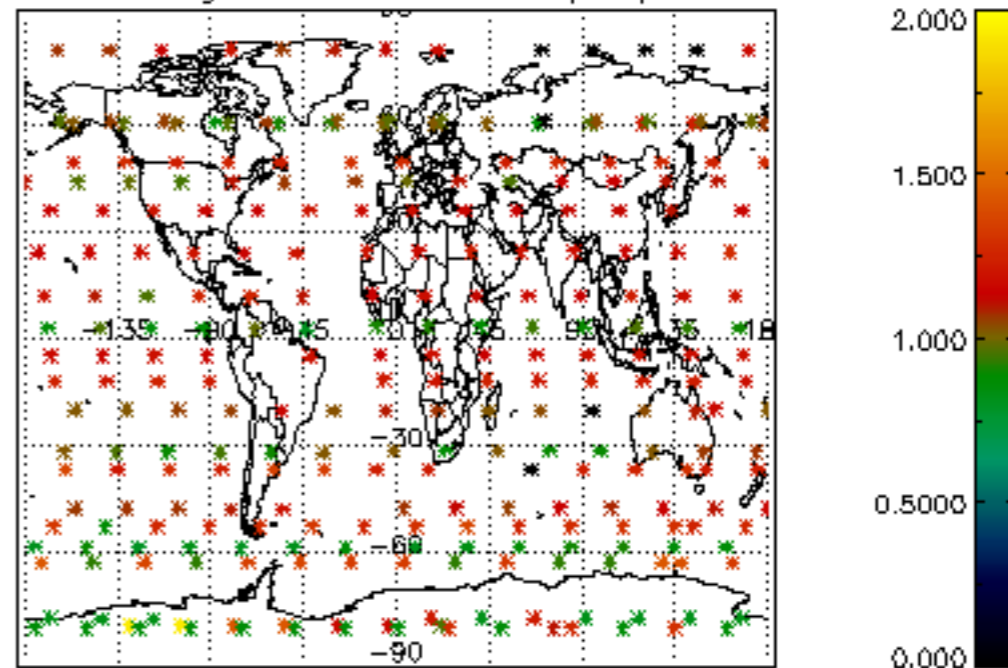




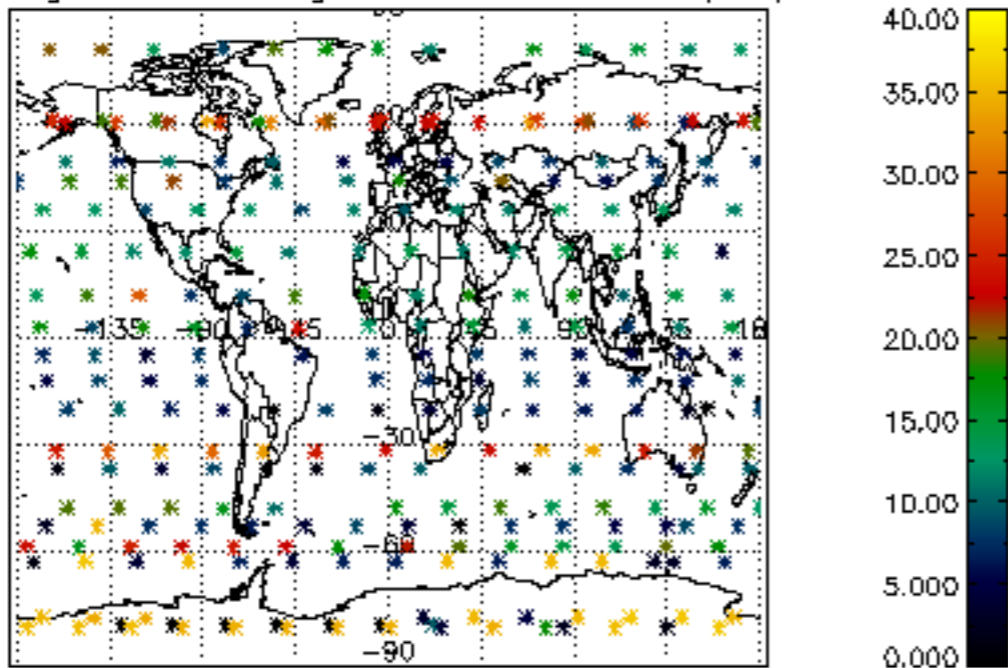
Percentage of cosmic ray hits per profile



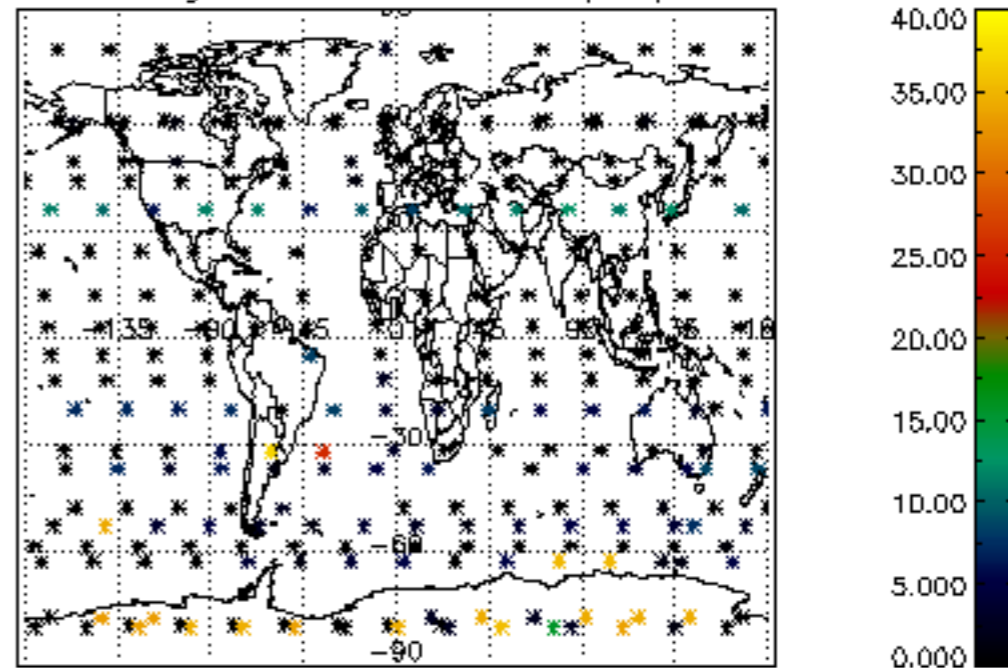
Percentage of datation errors per profile



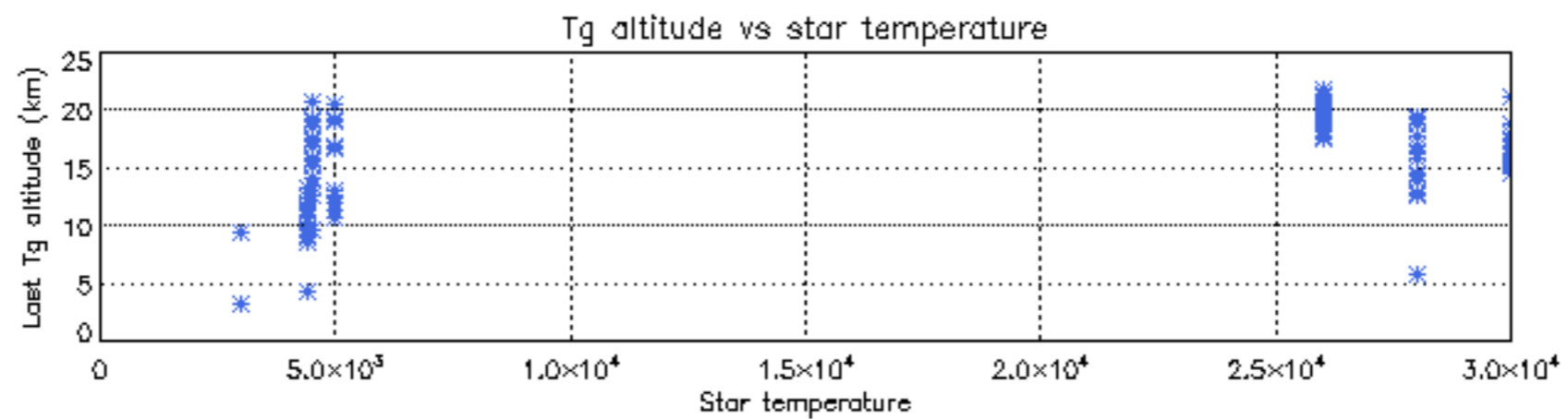
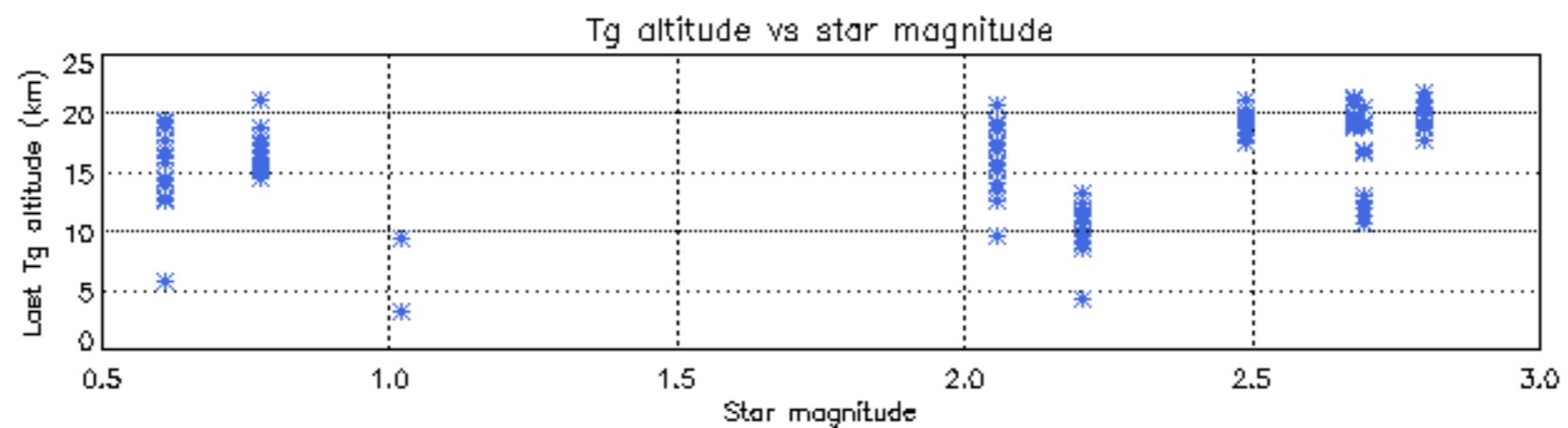
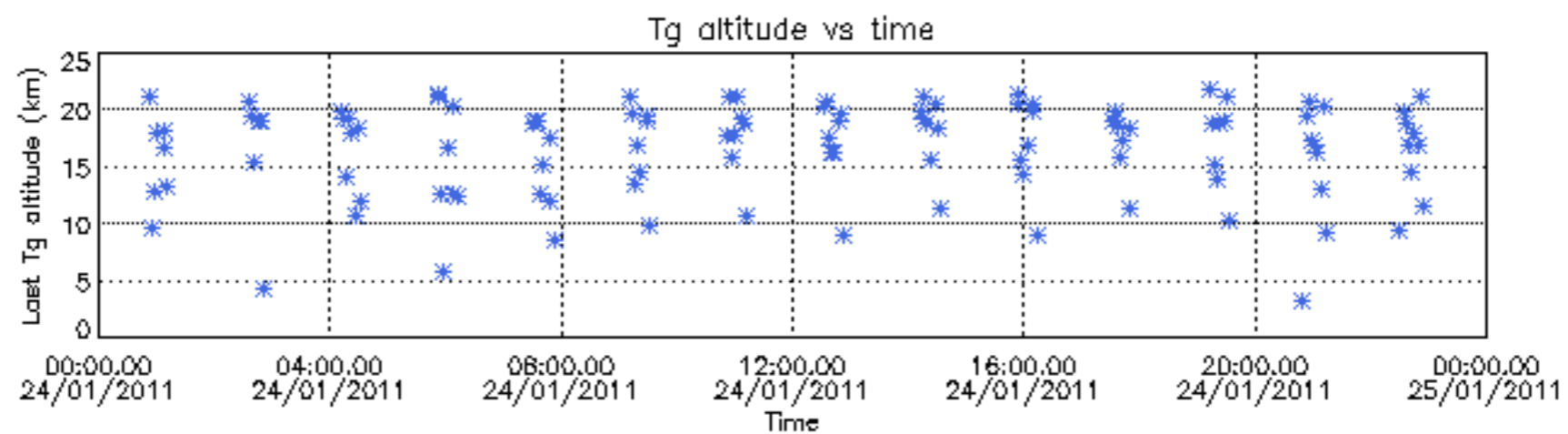
Percentage of star falling outside central band per profile



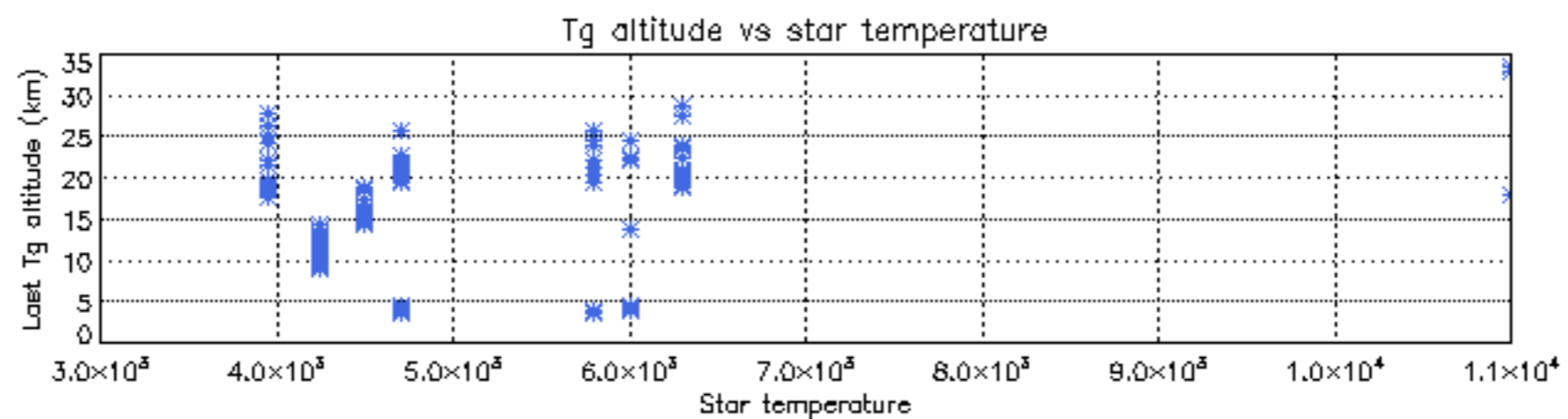
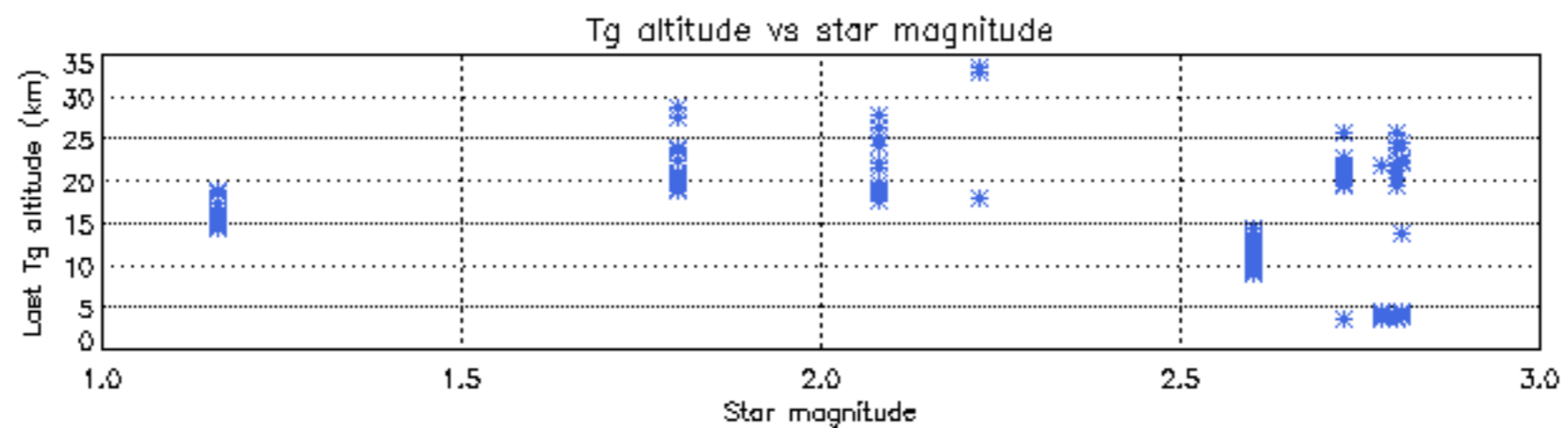
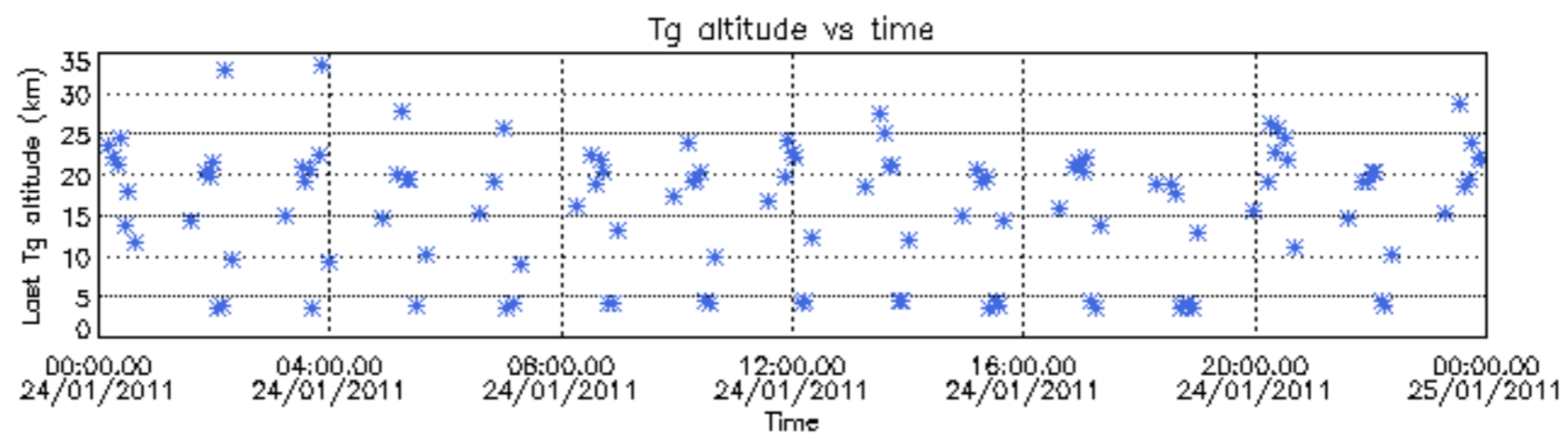
Percentage of saturation errors per profile



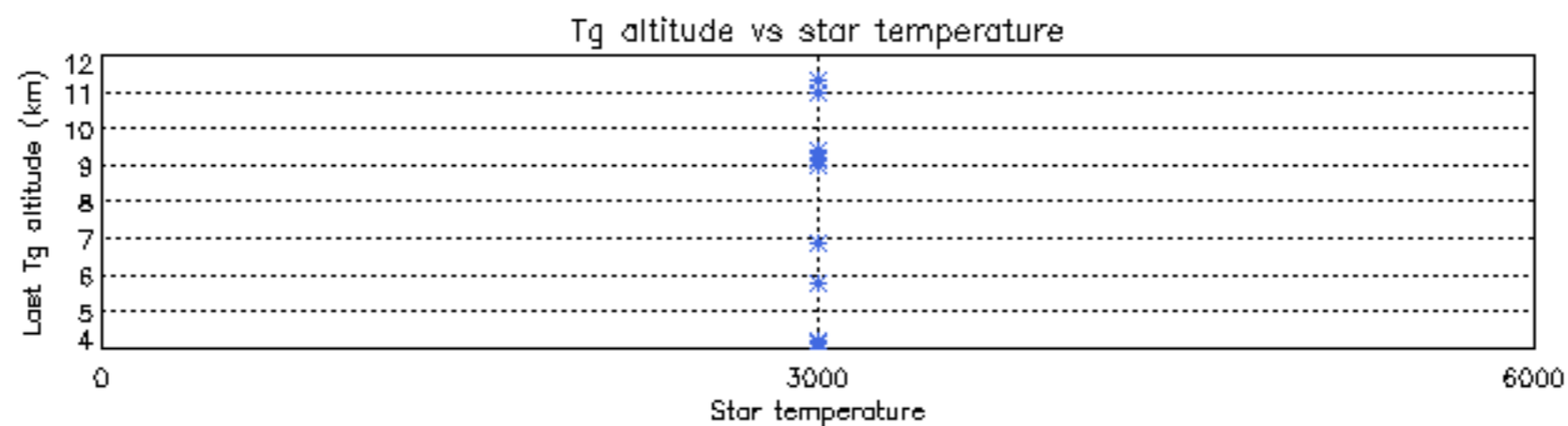
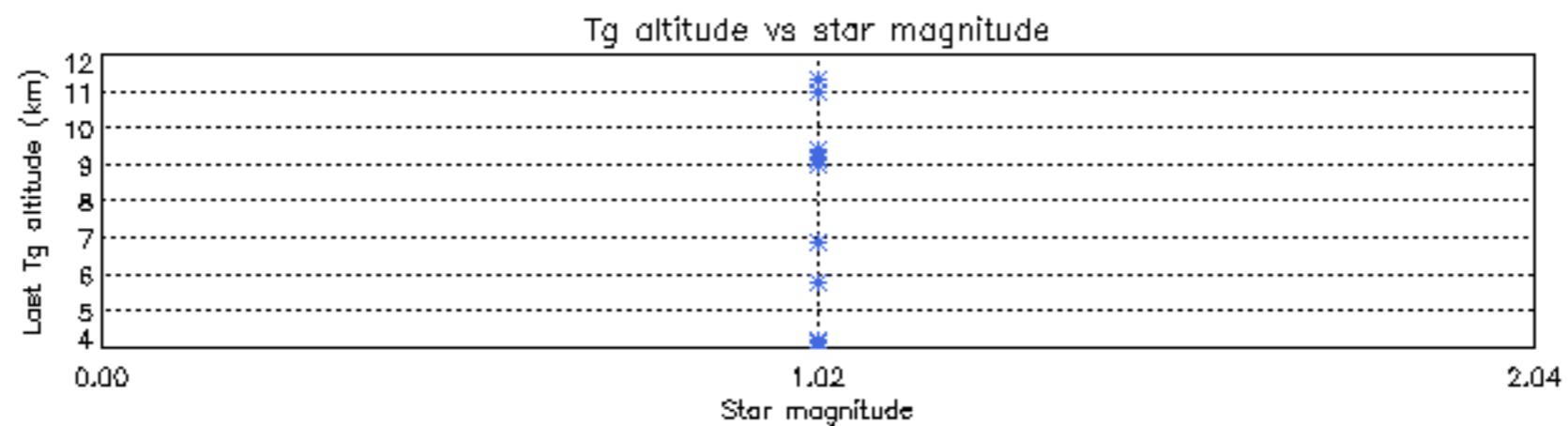
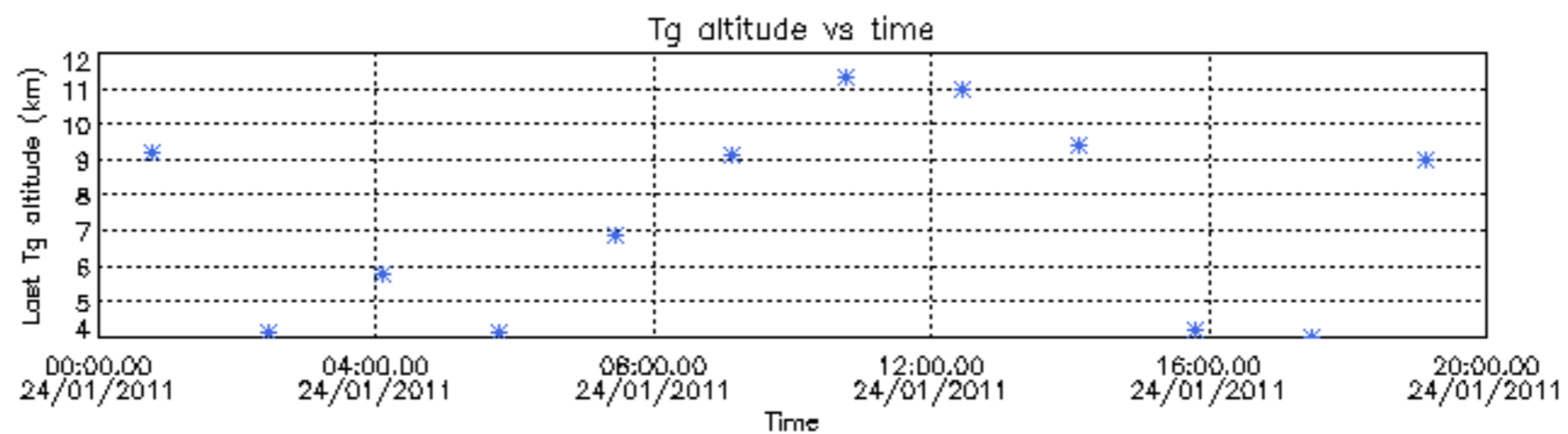
Tangent altitude at which the star is lost

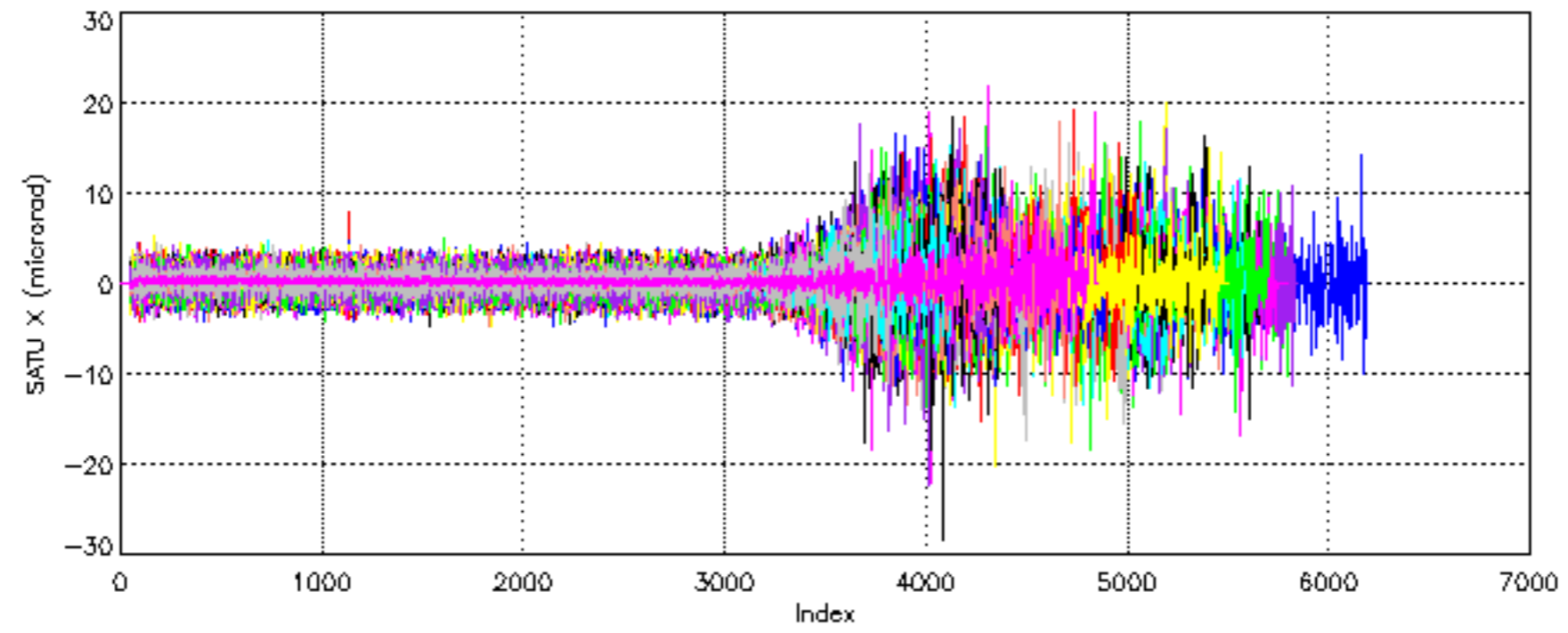


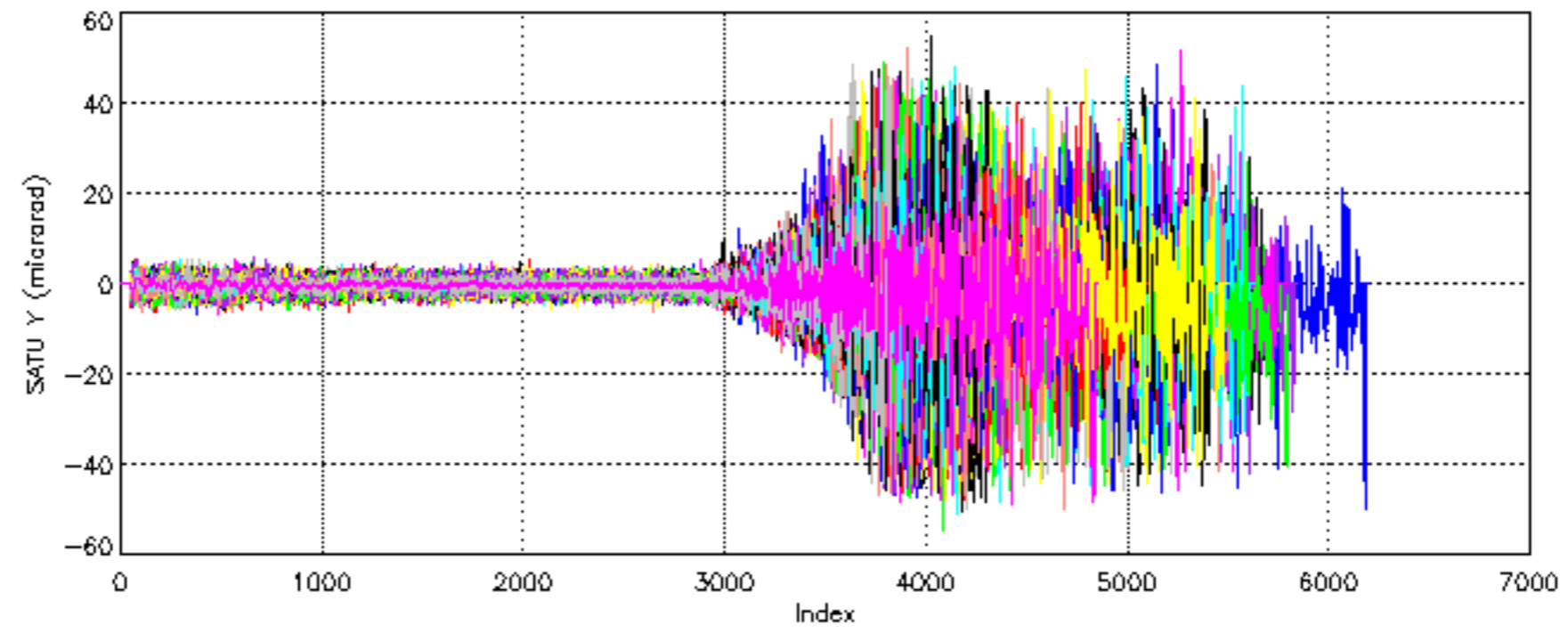
Tangent altitude at which the star is lost

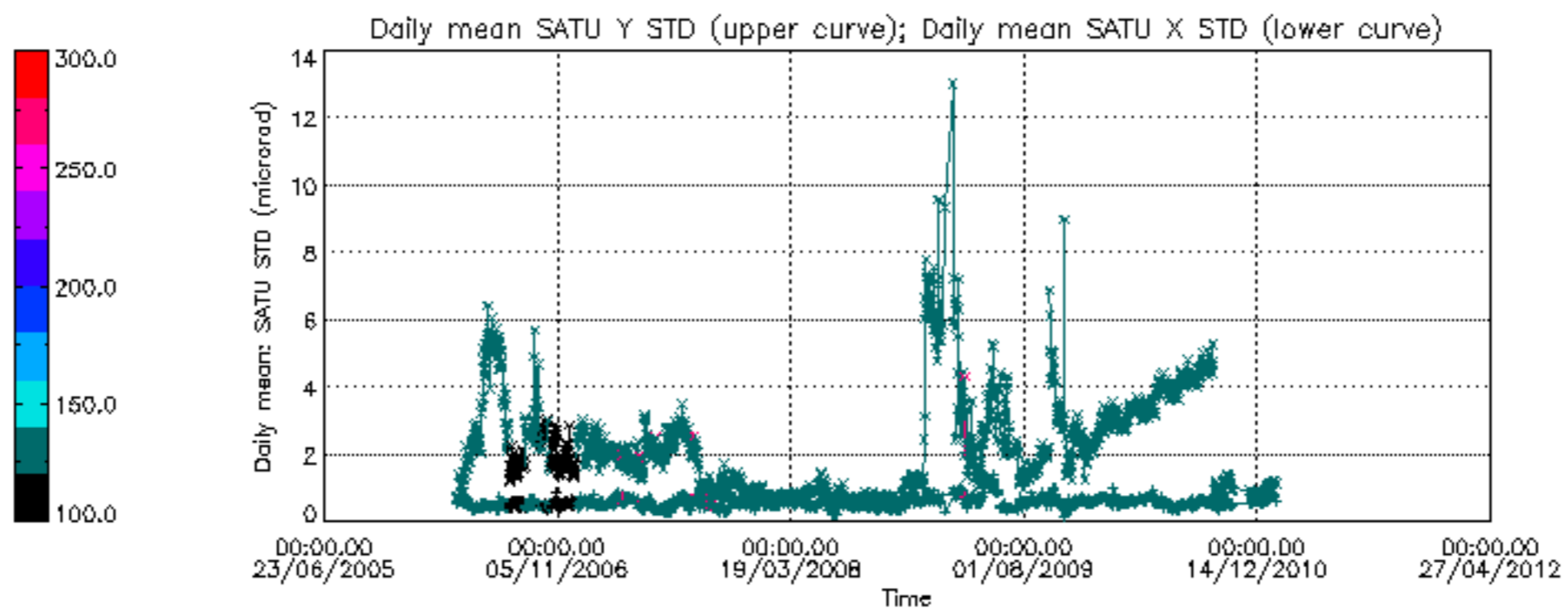


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110101_012508_000094163098_00074_46209_2000.N1

1;	-684.4;	01-JAN-2011	01:25:08;	Dark	;	45.0;	122;	9Alp2Lib	;	2.75;	9700;	occ;	90;	0;	46209
2;	-272.2;	01-JAN-2011	01:32:00;	Dark	;	43.0;	54;	5The Cen	;	2.06;	4500;	occ;	86;	0;	46209
3;	-3.0;	01-JAN-2011	01:36:29;	Dark	;	40.5;	77;	Eps Cen	;	2.30;	28000;	occ;	81;	0;	46210
4;	102.2;	01-JAN-2011	01:38:14;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46210
5;	211.5;	01-JAN-2011	01:40:04;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46210
6;	470.5;	01-JAN-2011	01:44:23;	Dark	;	48.0;	113;	Mu Vel	;	2.69;	5000;	occ;	96;	0;	46210
7;	623.9;	01-JAN-2011	01:46:56;	Dark	;	48.5;	71;	Iot Car	;	2.25;	7700;	occ;	97;	0;	46210
8;	738.0;	01-JAN-2011	01:48:50;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;	occ;	85;	0;	46210
9;	908.3;	01-JAN-2011	01:51:41;	Dark	;	48.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	97;	0;	46210
10;	1039.2;	01-JAN-2011	01:53:52;	Dark	;	49.5;	70;	Zet Pup	;	2.25;	39000;	occ;	99;	0;	46210
11;	1163.5;	01-JAN-2011	01:55:56;	Dark	;	49.0;	117;	Pi Pup	;	2.71;	3800;	occ;	98;	0;	46210
12;	1330.9;	01-JAN-2011	01:58:43;	Dark	;	47.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	94;	0;	46210
13;	1423.0;	01-JAN-2011	02:00:15;	Dark	;	45.0;	179;	240mi2CMa	;	3.03;	24000;	occ;	90;	0;	46210
14;	1570.3;	01-JAN-2011	02:02:43;	Dark	;	53.0;	1;	9Alp CMa	;	-1.44;	11000;	occ;	106;	0;	46210
15;	1719.7;	01-JAN-2011	02:05:12;	Dark	;	42.5;	56;	53Kap Ori	;	2.07;	30000;	occ;	85;	0;	46210
16;	1869.3;	01-JAN-2011	02:07:42;	Dark	;	45.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	91;	0;	46210
17;	2019.8;	01-JAN-2011	02:10:12;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46210
18;	2214.1;	01-JAN-2011	02:13:26;	Dark	;	48.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	97;	0;	46210
19;	2312.3;	01-JAN-2011	02:15:05;	Bright;	;	48.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	96;	0;	46210
20;	2551.7;	01-JAN-2011	02:19:04;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;	occ;	78;	0;	46210
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23;	3889.5;	01-JAN-2011	02:41:22;	Bright;	;	48.0;	32;	77Eps UMa	;	1.76;	11000;	occ;	96;	0;	46210
24;	4086.7;	01-JAN-2011	02:44:39;	Bright;	;	66.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	132;	0;	46210
25;	4331.1;	01-JAN-2011	02:48:43;	Bright;	;	40.0;	180;	27Gam Boo	;	3.04;	8000;	occ;	80;	0;	46210
26;	4552.2;	01-JAN-2011	02:52:24;	Bright;	;	62.0;	83;		;	2.38;	11000;	occ;	124;	0;	46210
27;	4747.8;	01-JAN-2011	02:55:40;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46210
28;	4868.3;	01-JAN-2011	02:57:41;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46210
29;	5171.3;	01-JAN-2011	03:02:44;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	112;	0;	46210
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31;	5742.5;	01-JAN-2011	03:12:15;	Dark	;	49.0;	54;	5The Cen	;	2.06;	4500;	occ;	98;	0;	46210
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38;	6752.6;	01-JAN-2011	03:29:05;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;	occ;	90;	0;	46211
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13;	103.9;	01-JAN-2011	04:58:44;	Dark	;	44.0;	64;	Gam Cen	;	2.20;	10600;	occ;	88;	0;	46212
14;	213.3;	01-JAN-2011	05:00:34;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46212
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 21; 3662.1; 07-JAN-2011 00:37:26; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46295
 22; 3904.9; 07-JAN-2011 00:41:29; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;46295
 23; 4066.0; 07-JAN-2011 00:44:10; Bright; 68.0; 39; 85Eta UMA ; 1.85; 24000;occ; 136; 0;46295
 24; 4332.4; 07-JAN-2011 00:48:36; Bright; 67.0; 180; 27Gam Boo ; 3.04; 8000;occ; 134; 0;46295
 25; 4570.7; 07-JAN-2011 00:52:35; Bright; 47.5; 83; ; 2.38; 11000;occ; 95; 0;46295
 26; 4896.1; 07-JAN-2011 00:58:00; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46295
 27; 5214.5; 07-JAN-2011 01:03:19; Dark ; 47.0; 104; 27Bet Lib ; 2.61; 13100;occ; 94; 0;46295

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 6; -1121.6; 06-JAN-2011 06:35:22; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46284
 7; -805.7; 06-JAN-2011 06:40:38; Dark ; 45.0; 104; 27Bet Lib ; 2.61; 13100;occ; 90; 0;46284
 8; -635.4; 06-JAN-2011 06:43:28; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46284
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 11; 41.7; 06-JAN-2011 06:54:46; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46285
 12; 204.1; 06-JAN-2011 06:57:28; Dark ; 40.0; 20; Bet Cru ; 1.25; 30000;occ; 80; 0;46285
 13; 281.5; 06-JAN-2011 06:58:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46285
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 15; 663.4; 06-JAN-2011 07:05:07; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;46285
 16; 776.9; 06-JAN-2011 07:07:01; Dark ; 44.0; 46; Del Vel ; 1.95; 10600;occ; 88; 0;46285
 17; 945.1; 06-JAN-2011 07:09:49; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46285
 18; 1075.3; 06-JAN-2011 07:11:59; Dark ; 44.5; 70; Zet Pup ; 2.25; 39000;occ; 89; 0;46285
 19; 1189.6; 06-JAN-2011 07:13:54; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;46285
 20; 1350.6; 06-JAN-2011 07:16:34; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;46285
 21; 1439.2; 06-JAN-2011 07:18:03; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;46285
 22; 1580.0; 06-JAN-2011 07:20:24; Dark ; 51.0; 1; 9Alp CMA ; -1.44; 11000;occ; 102; 0;46285

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 3; 2293.8; 06-JAN-2011 07:32:18; Bright; 43.0; 151; 13Mu Gem ; 2.89; 3000;occ; 86; 0;46285
 4; 2536.7; 06-JAN-2011 07:36:21; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46285
 5; 2669.4; 06-JAN-2011 07:38:33; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;46285
 6; 3663.3; 06-JAN-2011 07:55:07; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46285
 7; 3904.7; 06-JAN-2011 07:59:09; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46285
 8; 4068.9; 06-JAN-2011 08:01:53; Bright; 48.0; 39; 85Eta UMA ; 1.85; 24000;occ; 96; 0;46285
 9; 4332.5; 06-JAN-2011 08:06:16; Bright; 44.0; 180; 27Gam Boo ; 3.04; 8000;occ; 88; 0;46285
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 11; 4892.8; 06-JAN-2011 08:15:37; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46285
 12; 5208.9; 06-JAN-2011 08:20:53; Dark ; 46.0; 104; 27Bet Lib ; 2.61; 13100;occ; 92; 0;46285
 13; 5379.3; 06-JAN-2011 08:23:43; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46285
 14; 5800.4; 06-JAN-2011 08:30:44; Dark ; 46.0; 54; 5The Cen ; 2.06; 4500;occ; 92; 0;46285
 15; 5956.4; 06-JAN-2011 08:33:20; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;46285
 16; 6056.3; 06-JAN-2011 08:35:00; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;46286

17; 6218.7; 06-JAN-2011 08:37:43; Dark ; 44.0; 20; Bet Cru ; 1.25; 3000;occ; 88; 0;46286
 18; 6296.5; 06-JAN-2011 08:39:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46286
 19; 6551.0; 06-JAN-2011 08:43:15; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46286
 20; 6677.9; 06-JAN-2011 08:45:22; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46286
 21; 6791.5; 06-JAN-2011 08:47:15; Dark ; 47.0; 46; Del Vel ; 1.95; 10600;occ; 94; 0;46286
 22; 6959.5; 06-JAN-2011 08:50:03; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;46286
 23; 7089.8; 06-JAN-2011 08:52:14; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46286
 24; 7203.9; 06-JAN-2011 08:54:08; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 0;46286
 25; 7364.7; 06-JAN-2011 08:56:49; Dark ; 44.0; 23; 21Eps CMA ; 1.50; 26000;occ; 88; 0;46286
 26; 7453.4; 06-JAN-2011 08:58:17; Dark ; 42.5; 179; 240mi2CMA ; 3.03; 24000;occ; 85; 0;46286
 27; 7594.2; 06-JAN-2011 09:00:38; Dark ; 56.0; 1; 9Alp CMA ; -1.44; 11000;occ; 112; 0;46286

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 3; 2293.7; 06-JAN-2011 09:12:32; Bright; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;46286
 4; 2536.4; 06-JAN-2011 09:16:34; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46286
 5; 2669.2; 06-JAN-2011 09:18:47; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;46286
 6; 3663.2; 06-JAN-2011 09:35:21; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46286
 7; 3904.7; 06-JAN-2011 09:39:23; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46286
 8; 4068.6; 06-JAN-2011 09:42:06; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;46286
 9; 4332.3; 06-JAN-2011 09:46:30; Bright; 43.5; 180; 27Gam Boo ; 3.04; 8000;occ; 87; 0;46286
 10; 4568.7; 06-JAN-2011 09:50:27; Bright; 53.5; 83; ; 2.38; 11000;occ; 107; 0;46286
 11; 4893.1; 06-JAN-2011 09:55:51; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46286
 12; 5209.5; 06-JAN-2011 10:01:07; Dark ; 44.5; 104; 27Bet Lib ; 2.61; 13100;occ; 89; 0;46286
 13; 5379.9; 06-JAN-2011 10:03:58; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;46286
 14; 5801.4; 06-JAN-2011 10:10:59; Dark ; 49.5; 54; 5The Cen ; 2.06; 4500;occ; 99; 0;46286
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 16; 6057.0; 06-JAN-2011 10:15:15; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46287
 17; 6219.3; 06-JAN-2011 10:17:57; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46287
 18; 6297.4; 06-JAN-2011 10:19:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46287
 19; 6551.8; 06-JAN-2011 10:23:30; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;46287
 20; 6678.3; 06-JAN-2011 10:25:36; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;46287
 21; 6792.0; 06-JAN-2011 10:27:30; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;46287
 22; 6960.0; 06-JAN-2011 10:30:18; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;46287
 23; 7090.2; 06-JAN-2011 10:32:28; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;46287
 24; 7204.2; 06-JAN-2011 10:34:22; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;46287
 25; 7365.0; 06-JAN-2011 10:37:03; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;46287
 26; 7453.6; 06-JAN-2011 10:38:32; Dark ; 40.5; 179; 240mi2CMA ; 3.03; 24000;occ; 81; 0;46287
 27; 7594.2; 06-JAN-2011 10:40:52; Dark ; 13.0; 1; 9Alp CMA ; -1.44; 11000;occ; 26; 0;46287

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 3; 2193.4; 06-JAN-2011 10:51:05; Dark ; 39.0; 44; 24Gam Gem ; 1.93; 11000;occ; 78; 0;46287
 4; 2293.3; 06-JAN-2011 10:52:45; Bright; 37.0; 151; 13Mu Gem ; 2.89; 3000;occ; 74; 0;46287
 5; 2536.3; 06-JAN-2011 10:56:48; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46287
 6; 2669.2; 06-JAN-2011 10:59:01; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46287
 7; 3663.1; 06-JAN-2011 11:15:35; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46287
 8; 3904.6; 06-JAN-2011 11:19:36; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;46287
 9; 4068.3; 06-JAN-2011 11:22:20; Bright; 47.0; 39; 85Eta UMa ; 1.85; 24000;occ; 94; 0;46287
 10; 4332.3; 06-JAN-2011 11:26:44; Bright; 67.0; 180; 27Gam Boo ; 3.04; 8000;occ; 134; 0;46287
 11; 4569.0; 06-JAN-2011 11:30:41; Bright; 48.0; 83; ; 2.38; 11000;occ; 96; 0;46287
 12; 4893.5; 06-JAN-2011 11:36:05; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46287
 13; 5210.0; 06-JAN-2011 11:41:22; Dark ; 42.5; 104; 27Bet Lib ; 2.61; 13100;occ; 85; 0;46287
 14; 5380.8; 06-JAN-2011 11:44:13; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;46287
 15; 5802.2; 06-JAN-2011 11:51:14; Dark ; 50.5; 54; 5The Cen ; 2.06; 4500;occ; 101; 0;46287
 16; 5957.9; 06-JAN-2011 11:53:50; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46287
 17; 6057.5; 06-JAN-2011 11:55:29; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46288
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 19; 6298.3; 06-JAN-2011 11:59:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46288
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 21; 6678.9; 06-JAN-2011 12:05:51; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46288
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 23; 6960.5; 06-JAN-2011 12:10:32; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46288
 24; 7090.8; 06-JAN-2011 12:12:43; Dark ; 43.5; 70; Zet Pup ; 2.25; 39000;occ; 87; 0;46288
 25; 7204.4; 06-JAN-2011 12:14:36; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46288
 26; 7365.2; 06-JAN-2011 12:17:17; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;46288
 27; 7453.8; 06-JAN-2011 12:18:46; Dark ; 43.0; 179; 240mi2CMA ; 3.03; 24000;occ; 86; 0;46288
 28; 7594.4; 06-JAN-2011 12:21:06; Dark ; 18.5; 1; 9Alp CMA ; -1.44; 11000;occ; 37; 0;46288

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 3; 2193.1; 06-JAN-2011 12:31:19; Dark ; 52.0; 44; 24Gam Gem ; 1.93; 11000;occ; 104; 0;46288
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 5; 2536.0; 06-JAN-2011 12:37:02; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46288
 6; 2669.0; 06-JAN-2011 12:39:15; Bright; 39.0; 42; 34Bet Aur ; 1.90; 10200;occ; 78; 0;46288
 7; 3663.1; 06-JAN-2011 12:55:49; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;46288
 8; 3904.8; 06-JAN-2011 12:59:51; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;46288
 9; 4068.0; 06-JAN-2011 13:02:34; Bright; 70.0; 39; 85Eta UMa ; 1.85; 24000;occ; 140; 0;46288
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 11; 4569.2; 06-JAN-2011 13:10:55; Bright; 48.5; 83; ; 2.38; 11000;occ; 97; 0;46288
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 13; 5210.6; 06-JAN-2011 13:21:36; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;46288
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 15; 5803.1; 06-JAN-2011 13:31:29; Dark ; 51.5; 54; 5The Cen ; 2.06; 4500;occ; 103; 0;46288
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 19; 6299.3; 06-JAN-2011 13:39:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46289
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 21; 6679.2; 06-JAN-2011 13:46:05; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;46289
 22; 6793.0; 06-JAN-2011 13:47:59; Dark ; 40.0; 46; Del Vel ; 1.95; 10600;occ; 80; 0;46289
 23; 6960.9; 06-JAN-2011 13:50:47; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46289
 24; 7090.9; 06-JAN-2011 13:52:57; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46289
 25; 7204.9; 06-JAN-2011 13:54:51; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46289
 26; 7365.4; 06-JAN-2011 13:57:31; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;46289
 27; 7454.2; 06-JAN-2011 13:59:00; Dark ; 41.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 82; 0;46289

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 3; 2018.7; 06-JAN-2011 14:08:39; Dark ; 48.5; 14; 58Alp Ori ; 0.87; 3000;occ; 97; 0;46289
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 9; 3904.9; 06-JAN-2011 14:40:05; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;46289
 10; 4067.8; 06-JAN-2011 14:42:48; Bright; 49.0; 39; 85Eta UMa ; 1.85; 24000;occ; 98; 0;46289
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 12; 4569.6; 06-JAN-2011 14:51:09; Bright; 46.5; 83; ; 2.38; 11000;occ; 93; 0;46289
 13; 4894.4; 06-JAN-2011 14:56:34; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;46289
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 16; 5803.9; 06-JAN-2011 15:11:44; Dark ; 53.5; 54; 5The Cen ; 2.06; 4500;occ; 107; 0;46289
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 18; 6058.8; 06-JAN-2011 15:15:59; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46290
 19; 6221.1; 06-JAN-2011 15:18:41; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46290
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 7; 217.6; 07-JAN-2011 21:23:04; Dark ; 44.0; 20; Bet Cru ; 1.25; 30000;occ; 88; 0;46308
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 23; 3660.4; 07-JAN-2011 22:20:27; Bright; 55.0; 60; 7Bet UMi ; 2.08; 3950;occ; 110; 0;46308
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 27; 4573.8; 07-JAN-2011 22:35:40; Bright; 68.0; 83; ; 2.38; 11000;occ; 136; 0;46308
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11; 3904.7; 08-JAN-2011 18:27:19; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46320
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16; 5405.8; 08-JAN-2011 18:52:20; Dark ; 51.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 103; 0;46320
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23; 6695.3; 08-JAN-2011 19:13:50; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46321
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23; 6330.4; 08-JAN-2011 20:47:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46322
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5; -30.0; 09-JAN-2011 01:42:54; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46324
6; 66.7; 09-JAN-2011 01:44:31; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46325
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13; 320.1; 09-JAN-2011 03:28:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46326
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17; 963.2; 09-JAN-2011 03:39:42; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46326
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27; 2663.5; 09-JAN-2011 04:08:02; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46326
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27; 2663.4; 09-JAN-2011 05:48:16; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46327
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6; 74.6; 09-JAN-2011 21:47:27; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 0;46337
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29; 6085.6; 18-JAN-2011 02:54:58; Dark ; 43.0; 95; Zet Cen ; 2.55; 26000;occ; 86; 0;46455
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 9; 4995.9; 21-JAN-2011 12:28:15; Bright; 53.0; 102; 24Alp Ser ; 2.60; 4250;occ; 106; 0;46503
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 6; 3627.4; 21-JAN-2011 15:25:55; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46505

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8; 4445.0; 21-JAN-2011 15:39:32; Bright; 57.0; 133; 40Zet Her ; 2.81; 6000;occ; 114; 0;46505
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19; 6274.4; 31-JAN-2011 16:43:40; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;46650
20; 6477.4; 31-JAN-2011 16:47:03; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;46650
21; 6597.2; 31-JAN-2011 16:49:03; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;46650
22; 6819.8; 31-JAN-2011 16:52:45; Dark ; 51.5; 113; Mu Vel ; 2.69; 5000;occ; 103; 0;46650
23; 7084.5; 31-JAN-2011 16:57:10; Dark ; 45.0; 65; Lam Vel ; 2.20; 4400;occ; 90; 0;46650
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3; 1980.4; 31-JAN-2011 17:12:20; Dark ; 54.0; 8; 10Alp CMi ; 0.40; 6500;occ; 108; 0;46650
4; 2379.8; 31-JAN-2011 17:18:59; Bright; 40.5; 17; 78Bet Gem ; 1.16; 4500;occ; 81; 0;46650
5; 3267.6; 31-JAN-2011 17:33:47; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;46650
6; 3594.7; 31-JAN-2011 17:39:14; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;46650
7; 3876.7; 31-JAN-2011 17:43:56; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;46650
8; 4066.8; 31-JAN-2011 17:47:06; Bright; 55.0; 130; 23Bet Dra ; 2.80; 5800;occ; 110; 0;46650
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12; 5289.6; 31-JAN-2011 18:07:29; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;46650
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