

GOMOS Daily Report 10-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	11JAN2011 04:49:58
Data source version	GOMOS/5.01
Start time of products	10JAN2011 00:00:07
Stop time of products	10JAN2011 23:54:47
Store outputs in DB	Yes
Nb of level 1b prods	134
Nb of prods with errors	2

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

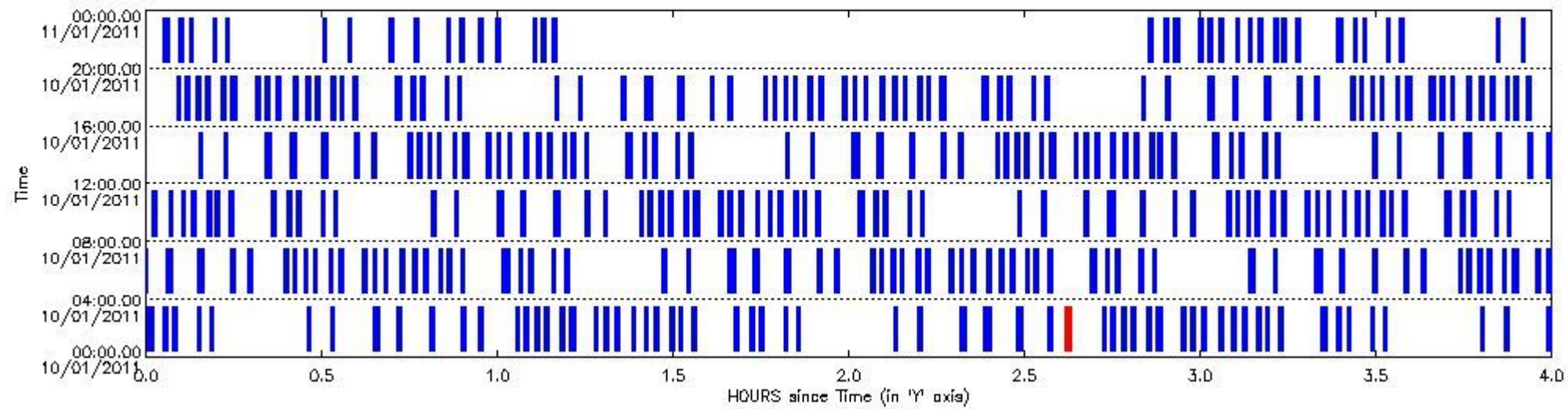
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
10-JAN-2011 02:36:58	9Alp2Lib	122	46339

2.4 Summary of processed GOM_TRA_1P products

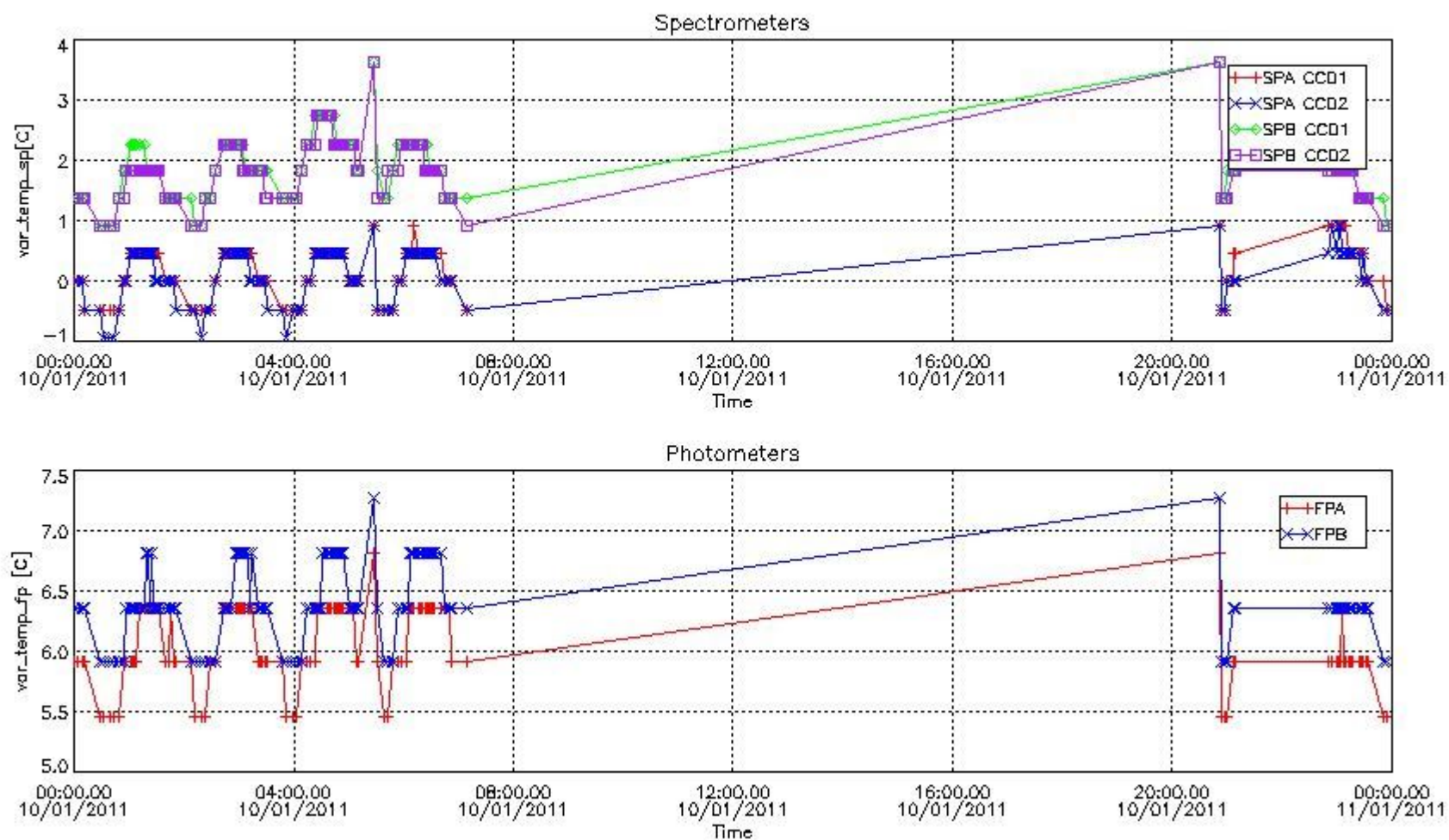
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110110_000007_000000603098_00203_46338_2893.N1	10-JAN-2011 00:00:07	Twilight_stray	60.000	8	10Alp CMi	0.40000	6500.0	120	46338	No
2	GOM_TRA_1PNPDE20110110_000251_000000473098_00203_46338_2894.N1	10-JAN-2011 00:02:51	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	46338	No
3	GOM_TRA_1PNPDE20110110_000432_000000463098_00203_46338_2895.N1	10-JAN-2011 00:04:32	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	46338	No
4	GOM_TRA_1PNPDE20110110_000837_000000383098_00203_46338_2896.N1	10-JAN-2011 00:08:37	Bright	37.500	107	37The Aur	2.6490	11000.	75	46338	No
5	GOM_TRA_1PNPDE20110110_001049_000000373098_00203_46338_2897.N1	10-JAN-2011 00:10:49	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46338	No
6	GOM_TRA_1PNPDE20110110_002723_000000353098_00203_46338_2898.N1	10-JAN-2011 00:27:23	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	46338	No
7	GOM_TRA_1PNPDE20110110_003131_000000363098_00203_46338_2899.N1	10-JAN-2011 00:31:31	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	46338	No
8	GOM_TRA_1PNPDE20110110_003839_000000703098_00203_46338_2900.N1	10-JAN-2011 00:38:39	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46338	No
9	GOM_TRA_1PNPDE20110110_004248_000000503098_00203_46338_2901.N1	10-JAN-2011 00:42:48	Bright	50.000	83		2.3780	11000.	100	46338	No
10	GOM_TRA_1PNPDE20110110_004820_000000583098_00203_46338_2902.N1	10-JAN-2011 00:48:20	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46338	No

11	GOM_TRA_1PNPDE20110110_005347_000000493098_00203_46338_2903.N1	10-JAN-2011 00:53:47	Twilight	49.000	104	27Bet Lib	2.6140	13100.	98	46338	No
12	GOM_TRA_1PNPDE20110110_005647_000000493098_00203_46338_2950.N1	10-JAN-2011 00:56:47	Twilight	48.500	122	9Alp2Lib	2.7470	9700.0	97	46338	No
13	GOM_TRA_1PNPDE20110110_010301_000000403098_00203_46338_2951.N1	10-JAN-2011 01:03:01	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46338	No
14	GOM_TRA_1PNPDE20110110_010431_000000443098_00203_46338_2952.N1	10-JAN-2011 01:04:31	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46338	No
15	GOM_TRA_1PNPDE20110110_010621_000000453098_00203_46338_2953.N1	10-JAN-2011 01:06:21	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46338	No
16	GOM_TRA_1PNPDE20110110_010757_000000413098_00204_46339_2954.N1	10-JAN-2011 01:07:57	Dark	40.500	77	Eps Cen	2.3030	28000.	81	46339	No
17	GOM_TRA_1PNPDE20110110_011037_000000433098_00204_46339_2955.N1	10-JAN-2011 01:10:37	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46339	No
18	GOM_TRA_1PNPDE20110110_011622_000000453098_00204_46339_2956.N1	10-JAN-2011 01:16:22	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46339	No
19	GOM_TRA_1PNPDE20110110_011810_000000403098_00204_46339_2957.N1	10-JAN-2011 01:18:10	Dark	40.000	71	lot Car	2.2460	7700.0	80	46339	No
20	GOM_TRA_1PNPDE20110110_012004_000000423098_00204_46339_2958.N1	10-JAN-2011 01:20:04	Dark	41.500	46	Del Vel	1.9540	10600.	83	46339	No
21	GOM_TRA_1PNPDE20110110_012249_000000433098_00204_46339_2959.N1	10-JAN-2011 01:22:49	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46339	No
22	GOM_TRA_1PNPDE20110110_012459_000000463098_00204_46339_2960.N1	10-JAN-2011 01:24:59	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46339	No
23	GOM_TRA_1PNPDE20110110_012647_000000413098_00204_46339_2961.N1	10-JAN-2011 01:26:47	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	46339	No
24	GOM_TRA_1PNPDE20110110_012924_000000453098_00204_46339_2962.N1	10-JAN-2011 01:29:24	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46339	No
25	GOM_TRA_1PNPDE20110110_013051_000000423098_00204_46339_2963.N1	10-JAN-2011 01:30:51	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46339	No
26	GOM_TRA_1PNPDE20110110_013308_000000483098_00204_46339_2964.N1	10-JAN-2011 01:33:08	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	46339	No
27	GOM_TRA_1PNPDE20110110_014021_000000563098_00204_46339_2965.N1	10-JAN-2011 01:40:21	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	46339	No
28	GOM_TRA_1PNPDE20110110_014304_000000473098_00204_46339_2966.N1	10-JAN-2011 01:43:04	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	46339	No
29	GOM_TRA_1PNPDE20110110_014445_000000473098_00204_46339_2967.N1	10-JAN-2011 01:44:45	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	46339	No
30	GOM_TRA_1PNPDE20110110_014851_000000353098_00204_46339_2968.N1	10-JAN-2011 01:48:51	Bright	35.000	107	37The Aur	2.6490	11000.	70	46339	No
31	GOM_TRA_1PNPDE20110110_015102_000000363098_00204_46339_2969.N1	10-JAN-2011 01:51:02	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	46339	No
32	GOM_TRA_1PNPDE20110110_020737_000000343098_00204_46339_2970.N1	10-JAN-2011 02:07:37	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	46339	No
33	GOM_TRA_1PNPDE20110110_021145_000000383098_00204_46339_2971.N1	10-JAN-2011 02:11:45	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46339	No
34	GOM_TRA_1PNPDE20110110_021853_000000703098_00204_46339_2972.N1	10-JAN-2011 02:18:53	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46339	No
35	GOM_TRA_1PNPDE20110110_022302_000000713098_00204_46339_2973.N1	10-JAN-2011 02:23:02	Bright	71.000	83		2.3780	11000.	142	46339	No
36	GOM_TRA_1PNPDE20110110_022834_000000583098_00204_46339_2974.N1	10-JAN-2011 02:28:34	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46339	No
37	GOM_TRA_1PNPDE20110110_023402_000000473098_00204_46339_2975.N1	10-JAN-2011 02:34:02	Twilight	47.000	104	27Bet Lib	2.6140	13100.	94	46339	No
38	GOM_TRA_1PNPDE20110110_024316_000000403098_00204_46339_2976.N1	10-JAN-2011 02:43:16	Dark	39.500	109	Bet Lup	2.6770	26000.	79	46339	No
39	GOM_TRA_1PNPDE20110110_024446_000000423098_00204_46339_2977.N1	10-JAN-2011 02:44:46	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46339	No
40	GOM_TRA_1PNPDE20110110_024636_000000433098_00204_46339_2978.N1	10-JAN-2011 02:46:36	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46339	No
41	GOM_TRA_1PNPDE20110110_024811_000000423098_00205_46340_2979.N1	10-JAN-2011 02:48:11	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46340	No
42	GOM_TRA_1PNPDE20110110_025051_000000433098_00205_46340_2980.N1	10-JAN-2011 02:50:51	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46340	No
43	GOM_TRA_1PNPDE20110110_025637_000000503098_00205_46340_2981.N1	10-JAN-2011 02:56:37	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46340	No
44	GOM_TRA_1PNPDE20110110_025825_000000423098_00205_46340_2982.N1	10-JAN-2011 02:58:25	Dark	42.000	71	lot Car	2.2460	7700.0	84	46340	No
45	GOM_TRA_1PNPDE20110110_030018_000000433098_00205_46340_2983.N1	10-JAN-2011 03:00:18	Dark	43.000	46	Del Vel	1.9540	10600.	86	46340	No
46	GOM_TRA_1PNPDE20110110_030304_000000463098_00205_46340_2984.N1	10-JAN-2011 03:03:04	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46340	No
47	GOM_TRA_1PNPDE20110110_030513_000000443098_00205_46340_2985.N1	10-JAN-2011 03:05:13	Dark	44.000	70	Zet Pup	2.2460	39000.	88	46340	No
48	GOM_TRA_1PNPDE20110110_030701_000000483098_00205_46340_2986.N1	10-JAN-2011 03:07:01	Straylight	48.000	117	Pi Pup	2.7060	3800.0	96	46340	No
49	GOM_TRA_1PNPDE20110110_030938_000000453098_00205_46340_2987.N1	10-JAN-2011 03:09:38	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46340	No
50	GOM_TRA_1PNPDE20110110_031105_000000423098_00205_46340_2988.N1	10-JAN-2011 03:11:05	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46340	No
51	GOM_TRA_1PNPDE20110110_031322_000000513098_00205_46340_2989.N1	10-JAN-2011 03:13:22	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	46340	No
52	GOM_TRA_1PNPDE20110110_032035_000000683098_00205_46340_2990.N1	10-JAN-2011 03:20:35	Twilight	68.000	8	10Alp CMi	0.40000	6500.0	136	46340	No
53	GOM_TRA_1PNPDE20110110_032318_000000453098_00205_46340_2991.N1	10-JAN-2011 03:23:18	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	46340	No
54	GOM_TRA_1PNPDE20110110_032459_000000413098_00205_46340_2992.N1	10-JAN-2011 03:24:59	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46340	No
55	GOM_TRA_1PNPDE20110110_032905_000000383098_00205_46340_2993.N1	10-JAN-2011 03:29:05	Bright	37.500	107	37The Aur	2.6490	11000.	75	46340	No
56	GOM_TRA_1PNPDE20110110_033116_000000383098_00205_46340_2994.N1	10-JAN-2011 03:31:16	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46340	No
57	GOM_TRA_1PNPDE20110110_034751_000000393098_00205_46340_2971.N1	10-JAN-2011 03:47:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46340	No
58	GOM_TRA_1PNPDE20110110_035159_000000383098_00205_46340_2972.N1	10-JAN-2011 03:51:59	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46340	No
59	GOM_TRA_1PNPDE20110110_035907_000000703098_00205_46340_2973.N1	10-JAN-2011 03:59:07	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46340	No
60	GOM_TRA_1PNPDE20110110_040316_000000713098_00205_46340_2974.N1	10-JAN-2011 04:03:16	Bright	71.000	83		2.3780	11000.	142	46340	No
61	GOM_TRA_1PNPDE20110110_040848_000000583098_00205_46340_2975.N1	10-JAN-2011 04:08:48	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46340	No
62	GOM_TRA_1PNPDE20110110_041416_000000493098_00205_46340_2976.N1	10-JAN-2011 04:14:16	Twilight	48.500	104	27Bet Lib	2.6140	13100.	97	46340	No
63	GOM_TRA_1PNPDE20110110_041716_000000483098_00205_46340_2977.N1	10-JAN-2011 04:17:16	Twilight	48.000	122	9Alp2Lib	2.7470	9700.0	96	46340	No
64	GOM_TRA_1PNPDE20110110_042331_000000403098_00205_46340_2978.N1	10-JAN-2011 04:23:31	Dark	39.500	109	Bet Lup	2.6770	26000.	79	46340	No
65	GOM_TRA_1PNPDE20110110_042501_000000423098_00205_46340_2979.N1	10-JAN-2011 04:25:01	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46340	No
66	GOM_TRA_1PNPDE20110110_042650_000000443098_00205_46340_2980.N1	10-JAN-2011 04:26:50	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46340	No
67	GOM_TRA_1PNPDE20110110_042826_000000403098_00206_46341_2981.N1	10-JAN-2011 04:28:26	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46341	No
68	GOM_TRA_1PNPDE20110110_043106_000000463098_00206_46341_2982.N1	10-JAN-2011 04:31:06	Dark	45.500	20	Bet Cru	1.2530	30000.	91	46341	No
69	GOM_TRA_1PNPDE20110110_043652_000000483098_00206_46341_2983.N1	10-JAN-2011 04:36:52	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46341	No

70	GOM_TRA_1PNPDE20110110_043839_000000403098_00206_46341_2984.N1	10-JAN-2011 04:38:39	Dark	40.000	71	lot Car	2.2460	7700.0	80	46341	No
71	GOM_TRA_1PNPDE20110110_044033_000000403098_00206_46341_2985.N1	10-JAN-2011 04:40:33	Dark	39.500	46	Del Vel	1.9540	10600.	79	46341	No
72	GOM_TRA_1PNPDE20110110_044318_000000463098_00206_46341_2986.N1	10-JAN-2011 04:43:18	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46341	No
73	GOM_TRA_1PNPDE20110110_044527_000000463098_00206_46341_2987.N1	10-JAN-2011 04:45:27	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46341	No
74	GOM_TRA_1PNPDE20110110_044715_000000453098_00206_46341_2988.N1	10-JAN-2011 04:47:15	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	46341	No
75	GOM_TRA_1PNPDE20110110_044952_000000463098_00206_46341_2989.N1	10-JAN-2011 04:49:52	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46341	No
76	GOM_TRA_1PNPDE20110110_045119_000000433098_00206_46341_2990.N1	10-JAN-2011 04:51:19	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	46341	No
77	GOM_TRA_1PNPDE20110110_045336_000000473098_00206_46341_2991.N1	10-JAN-2011 04:53:36	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	46341	No
78	GOM_TRA_1PNPDE20110110_050048_000000683098_00206_46341_2992.N1	10-JAN-2011 05:00:48	Twilight_stray	68.000	8	10Alp CMi	0.40000	6500.0	136	46341	No
79	GOM_TRA_1PNPDE20110110_050332_000000463098_00206_46341_2993.N1	10-JAN-2011 05:03:32	Twilight_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46341	No
80	GOM_TRA_1PNPDE20110110_050513_000000483098_00206_46341_2994.N1	10-JAN-2011 05:05:13	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	46341	No
81	GOM_TRA_1PNPDE20110110_050919_000000373098_00206_46341_2995.N1	10-JAN-2011 05:09:19	Bright	37.000	107	37The Aur	2.6490	11000.	74	46341	No
82	GOM_TRA_1PNPDE20110110_051130_000000383098_00206_46341_2996.N1	10-JAN-2011 05:11:30	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46341	No
83	GOM_TRA_1PNPDE20110110_052805_000000393098_00206_46341_2986.N1	10-JAN-2011 05:28:05	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46341	Yes
84	GOM_TRA_1PNPDE20110110_053213_000000373098_00206_46341_2987.N1	10-JAN-2011 05:32:13	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	46341	No
85	GOM_TRA_1PNPDE20110110_053921_000000703098_00206_46341_2988.N1	10-JAN-2011 05:39:21	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46341	No
86	GOM_TRA_1PNPDE20110110_054331_000000673098_00206_46341_2989.N1	10-JAN-2011 05:43:31	Bright	67.000	83		2.3780	11000.	134	46341	No
87	GOM_TRA_1PNPDE20110110_054903_000000583098_00206_46341_2990.N1	10-JAN-2011 05:49:03	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46341	No
88	GOM_TRA_1PNPDE20110110_055431_000000463098_00206_46341_2991.N1	10-JAN-2011 05:54:31	Twilight_stray	46.000	104	27Bet Lib	2.6140	13100.	92	46341	No
89	GOM_TRA_1PNPDE20110110_055731_000000473098_00206_46341_2992.N1	10-JAN-2011 05:57:31	Twilight_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	46341	No
90	GOM_TRA_1PNPDE20110110_060345_000000433098_00206_46341_2993.N1	10-JAN-2011 06:03:45	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46341	No
91	GOM_TRA_1PNPDE20110110_060515_000000413098_00206_46341_2994.N1	10-JAN-2011 06:05:15	Dark	40.500	78	Alp Lup	2.3040	28000.	81	46341	No
92	GOM_TRA_1PNPDE20110110_060705_000000443098_00206_46341_2995.N1	10-JAN-2011 06:07:05	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46341	No
93	GOM_TRA_1PNPDE20110110_060841_000000413098_00207_46342_2996.N1	10-JAN-2011 06:08:41	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46342	No
94	GOM_TRA_1PNPDE20110110_061121_000000483098_00207_46342_2997.N1	10-JAN-2011 06:11:21	Dark	47.500	20	Bet Cru	1.2530	30000.	95	46342	No
95	GOM_TRA_1PNPDE20110110_061707_000000473098_00207_46342_2998.N1	10-JAN-2011 06:17:07	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46342	No
96	GOM_TRA_1PNPDE20110110_061854_000000413098_00207_46342_2999.N1	10-JAN-2011 06:18:54	Dark	40.500	71	lot Car	2.2460	7700.0	81	46342	No
97	GOM_TRA_1PNPDE20110110_062047_000000423098_00207_46342_3000.N1	10-JAN-2011 06:20:47	Dark	41.500	46	Del Vel	1.9540	10600.	83	46342	No
98	GOM_TRA_1PNPDE20110110_062333_000000443098_00207_46342_3001.N1	10-JAN-2011 06:23:33	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46342	No
99	GOM_TRA_1PNPDE20110110_062542_000000463098_00207_46342_3002.N1	10-JAN-2011 06:25:42	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46342	No
100	GOM_TRA_1PNPDE20110110_062730_000000473098_00207_46342_3003.N1	10-JAN-2011 06:27:30	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	46342	No
101	GOM_TRA_1PNPDE20110110_063007_000000443098_00207_46342_3004.N1	10-JAN-2011 06:30:07	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	46342	No
102	GOM_TRA_1PNPDE20110110_063133_000000413098_00207_46342_3005.N1	10-JAN-2011 06:31:33	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46342	No
103	GOM_TRA_1PNPDE20110110_063350_000000473098_00207_46342_3006.N1	10-JAN-2011 06:33:50	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	46342	No
104	GOM_TRA_1PNPDE20110110_064102_000000683098_00207_46342_3007.N1	10-JAN-2011 06:41:02	Twilight_stray	68.000	8	10Alp CMi	0.40000	6500.0	136	46342	No
105	GOM_TRA_1PNPDE20110110_064346_000000443098_00207_46342_3008.N1	10-JAN-2011 06:43:46	Twilight_stray	44.000	44	24Gam Gem	1.9280	11000.	88	46342	No
106	GOM_TRA_1PNPDE20110110_064527_000000503098_00207_46342_3009.N1	10-JAN-2011 06:45:27	Bright	49.500	151	13Mu Gem	2.8900	3000.0	99	46342	No
107	GOM_TRA_1PNPDE20110110_064933_000000363098_00207_46342_3010.N1	10-JAN-2011 06:49:33	Bright	36.000	107	37The Aur	2.6490	11000.	72	46342	No
108	GOM_TRA_1PNPDE20110110_065144_000000383098_00207_46342_3011.N1	10-JAN-2011 06:51:44	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46342	No
109	GOM_TRA_1PNPDE20110110_070818_000000523098_00207_46342_3012.N1	10-JAN-2011 07:08:18	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	46342	No
110	GOM_TRA_1PNPDE20110110_205113_000000433098_00215_46350_3100.N1	10-JAN-2011 20:51:13	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	46350	Yes
111	GOM_TRA_1PNPDE20110110_205324_000000553098_00215_46350_3101.N1	10-JAN-2011 20:53:24	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	46350	No
112	GOM_TRA_1PNPDE20110110_205643_000000473098_00215_46350_3102.N1	10-JAN-2011 20:56:43	Twilight_stray	47.000	104	27Bet Lib	2.6140	13100.	94	46350	No
113	GOM_TRA_1PNPDE20110110_205945_000000493098_00215_46350_3103.N1	10-JAN-2011 20:59:45	Twilight_stray	49.000	122	9Alp2Lib	2.7470	9700.0	98	46350	No
114	GOM_TRA_1PNPDE20110110_210557_000000413098_00215_46350_3104.N1	10-JAN-2011 21:05:57	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46350	No
115	GOM_TRA_1PNPDE20110110_210727_000000393098_00215_46350_3105.N1	10-JAN-2011 21:07:27	Dark	39.000	78	Alp Lup	2.3040	28000.	78	46350	No
116	GOM_TRA_1PNPDE20110110_210918_000000423098_00215_46350_3106.N1	10-JAN-2011 21:09:18	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46350	No
117	GOM_TRA_1PNPDE20110110_225107_000000423098_00217_46352_3125.N1	10-JAN-2011 22:51:07	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46352	No
118	GOM_TRA_1PNPDE20110110_225347_000000423098_00217_46352_3126.N1	10-JAN-2011 22:53:47	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46352	No
119	GOM_TRA_1PNPDE20110110_225935_000000483098_00217_46352_3127.N1	10-JAN-2011 22:59:35	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46352	No
120	GOM_TRA_1PNPDE20110110_230119_000000403098_00217_46352_3128.N1	10-JAN-2011 23:01:19	Dark	39.500	71	lot Car	2.2460	7700.0	79	46352	No
121	GOM_TRA_1PNPDE20110110_230312_000000443098_00217_46352_3129.N1	10-JAN-2011 23:03:12	Dark	43.500	46	Del Vel	1.9540	10600.	87	46352	No
122	GOM_TRA_1PNPDE20110110_230557_000000443098_00217_46352_3130.N1	10-JAN-2011 23:05:57	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46352	No
123	GOM_TRA_1PNPDE20110110_230806_000000453098_00217_46352_3131.N1	10-JAN-2011 23:08:06	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46352	No
124	GOM_TRA_1PNPDE20110110_230953_000000443098_00217_46352_3132.N1	10-JAN-2011 23:09:53	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	46352	No
125	GOM_TRA_1PNPDE20110110_231229_000000443098_00217_46352_3133.N1	10-JAN-2011 23:12:29	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	46352	No
126	GOM_TRA_1PNPDE20110110_231355_000000413098_00217_46352_3134.N1	10-JAN-2011 23:13:55	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46352	No
127	GOM_TRA_1PNPDE20110110_231612_000000523098_00217_46352_3135.N1	10-JAN-2011 23:16:12	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	46352	No
128	GOM_TRA_1PNPDE20110110_232319_000000563098_00217_46352_3136.N1	10-JAN-2011 23:23:19	Twilight_stray	56.000	8	10Alp CMi	0.40000	6500.0	112	46352	No

129	GOM_TRA_1PNPDE20110110_232605_000000413098_00217_46352_3137.N1	10-JAN-2011 23:26:05	Twilight_stray	40.500	44	24Gam Gem	1.9280	11000.	81	46352	No
130	GOM_TRA_1PNPDE20110110_232746_000000393098_00217_46352_3138.N1	10-JAN-2011 23:27:46	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	46352	No
131	GOM_TRA_1PNPDE20110110_233152_000000363098_00217_46352_3139.N1	10-JAN-2011 23:31:52	Bright	36.000	107	37The Aur	2.6490	11000.	72	46352	No
132	GOM_TRA_1PNPDE20110110_233403_000000373098_00217_46352_3140.N1	10-JAN-2011 23:34:03	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	46352	No
133	GOM_TRA_1PNPDE20110110_235037_000000353098_00217_46352_3141.N1	10-JAN-2011 23:50:37	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46352	No
134	GOM_TRA_1PNPDE20110110_235447_000000383098_00217_46352_3142.N1	10-JAN-2011 23:54:47	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46352	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).

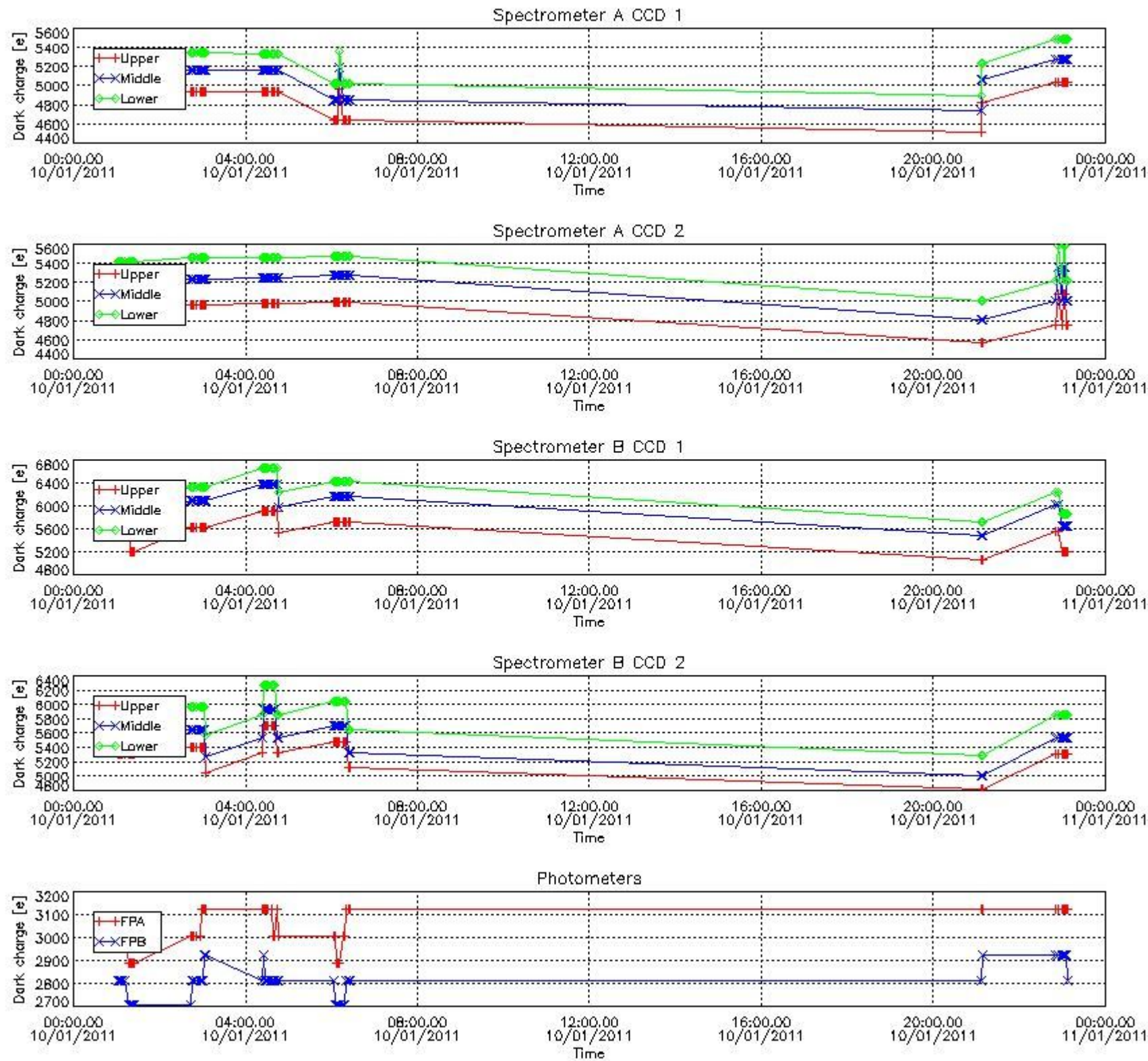
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110110_205113_000000433098_00215_46350_3100.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110110_205324_000000553098_00215_46350_3101.N1	DC map used
GOM_TRA_1PNPDE20110110_205643_000000473098_00215_46350_3102.N1	DC map used
GOM_TRA_1PNPDE20110110_205945_000000493098_00215_46350_3103.N1	DC map used

GOM_TRA_1PNPDE20110110_210557_000000413098_00215_46350_3104.N1	DC map used
GOM_TRA_1PNPDE20110110_210727_000000393098_00215_46350_3105.N1	DC map used
GOM_TRA_1PNPDE20110110_210918_000000423098_00215_46350_3106.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

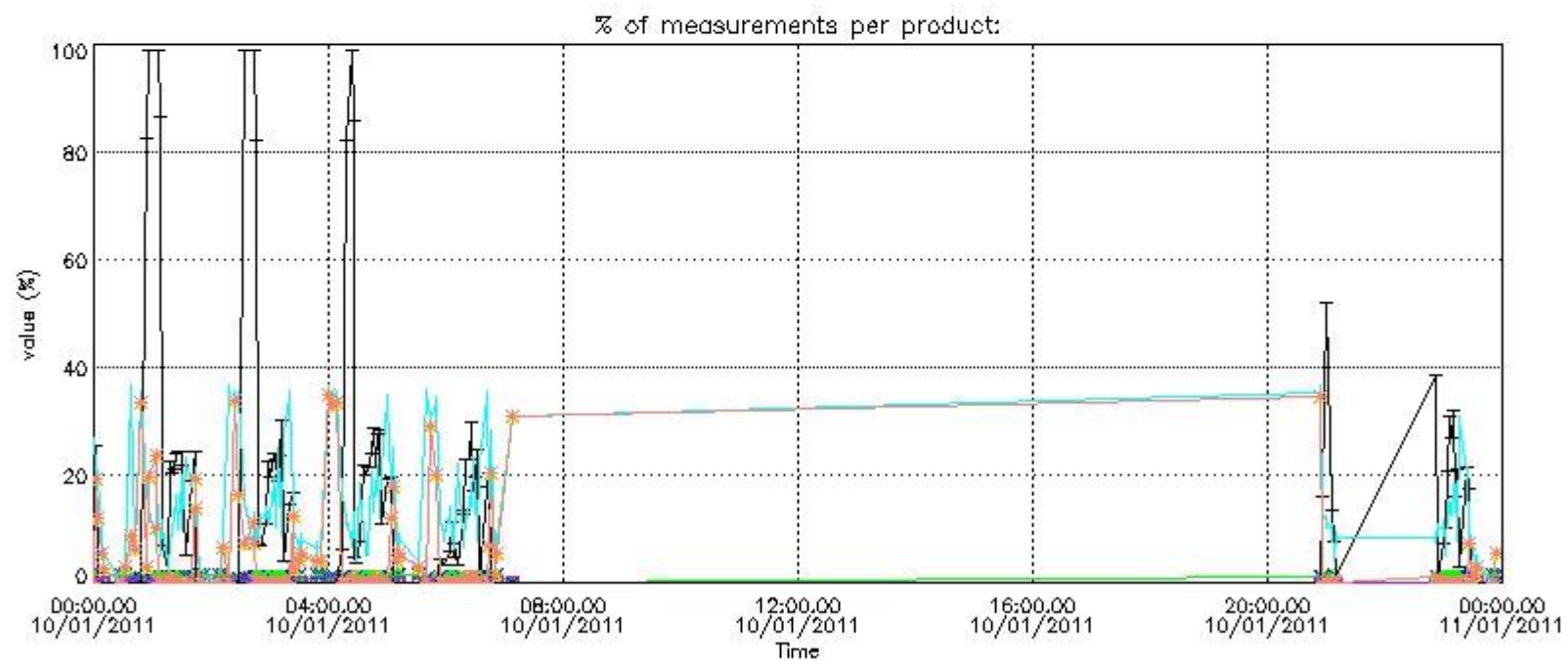
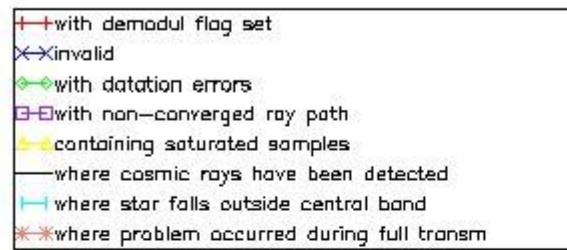
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

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

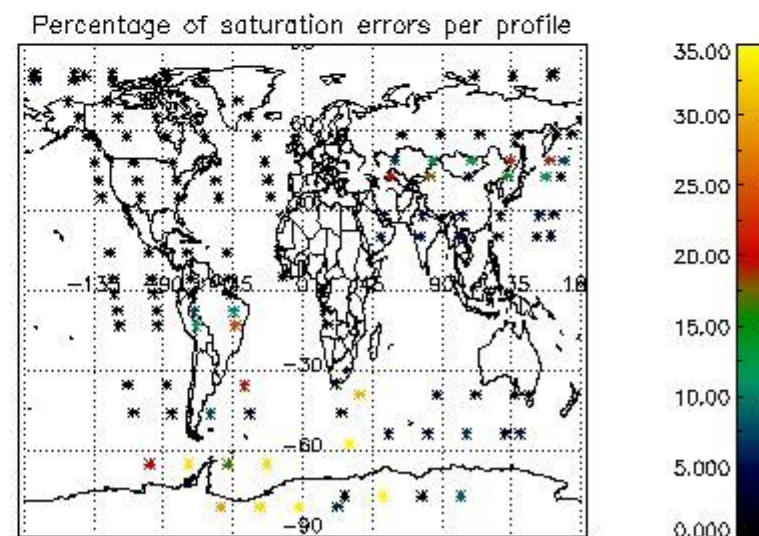
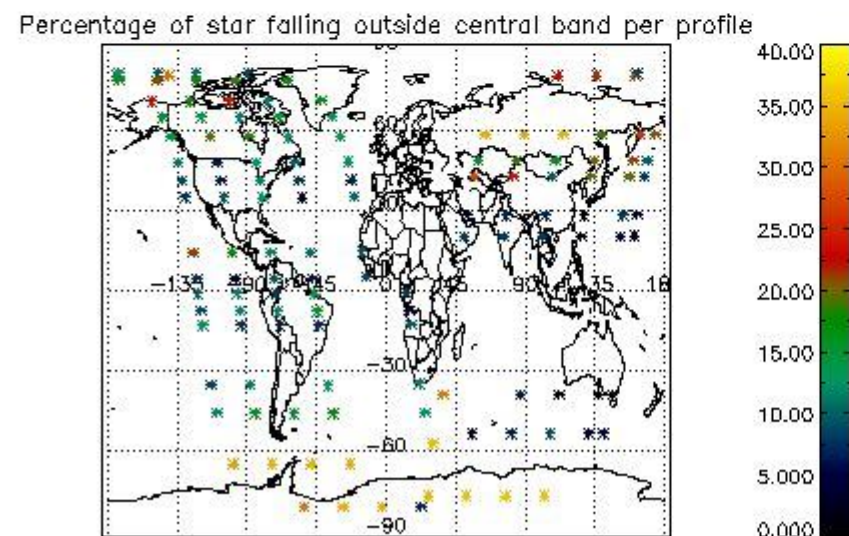
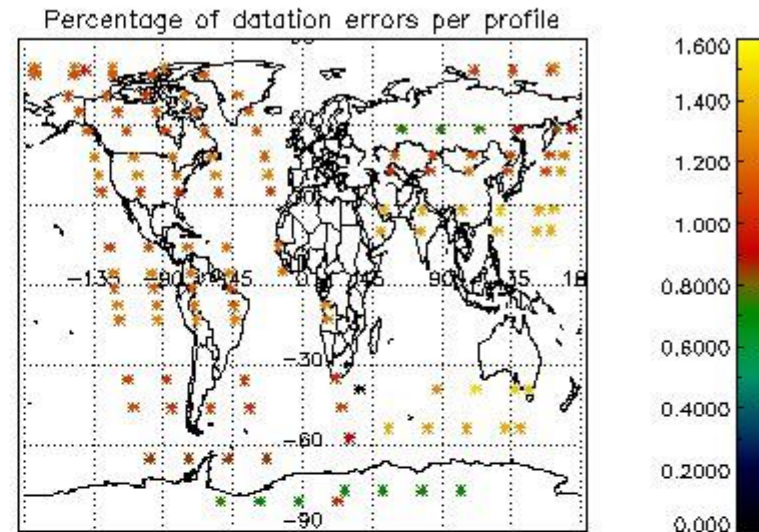
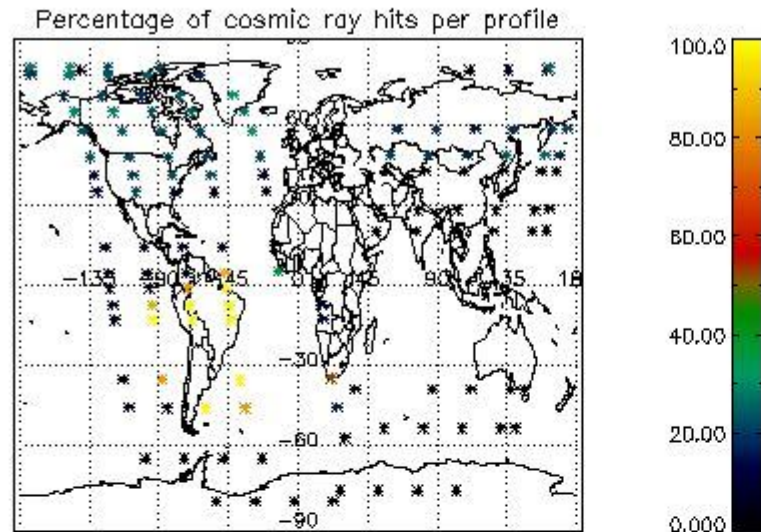
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	62.1212 %
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)



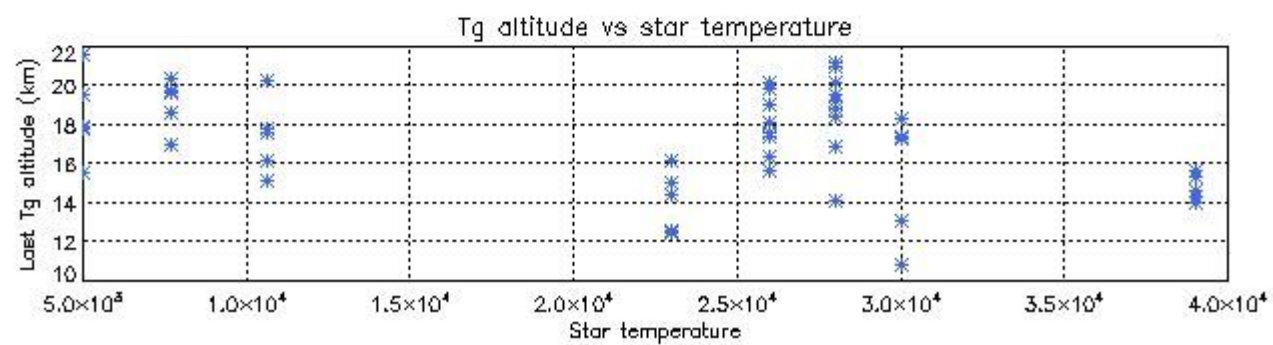
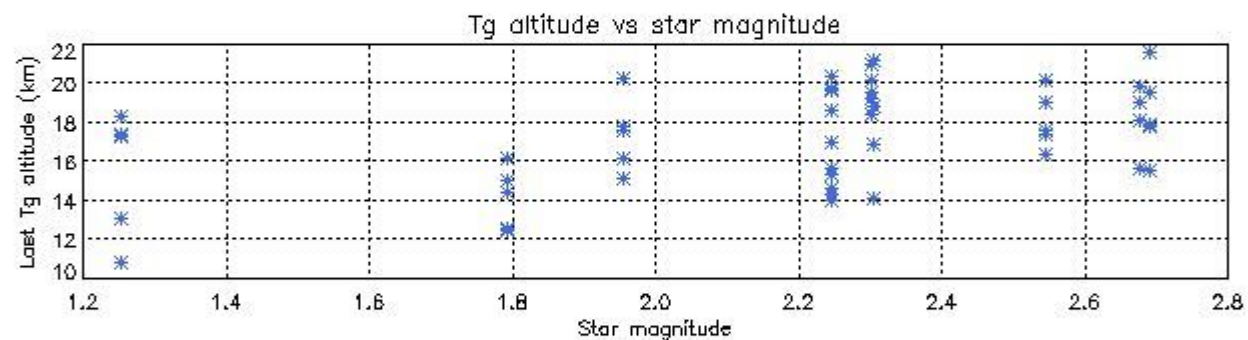
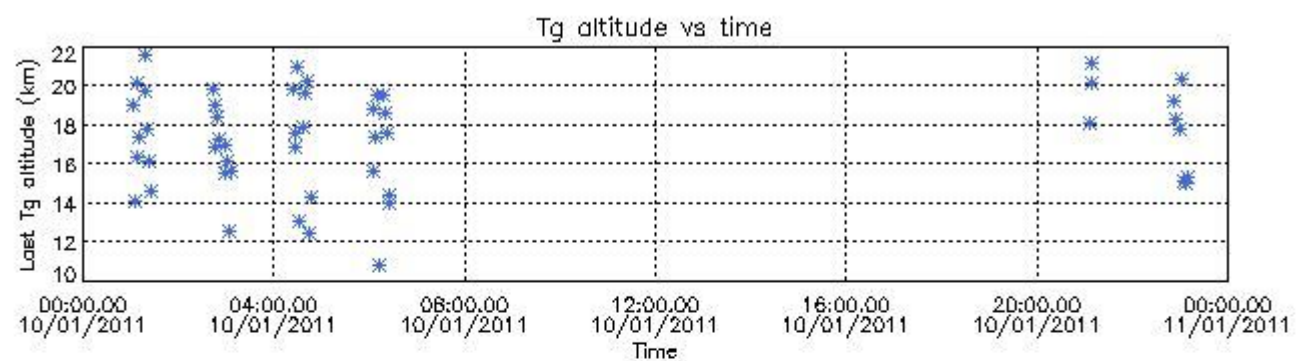
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	17.296	15.197	NaN
St. deviation:	2.5144	8.6327	NaN
Maximum:	21.571	31.667	NaN
Minimum:	10.796	3.7654	NaN
Number of data:	50.000	41.000	NaN

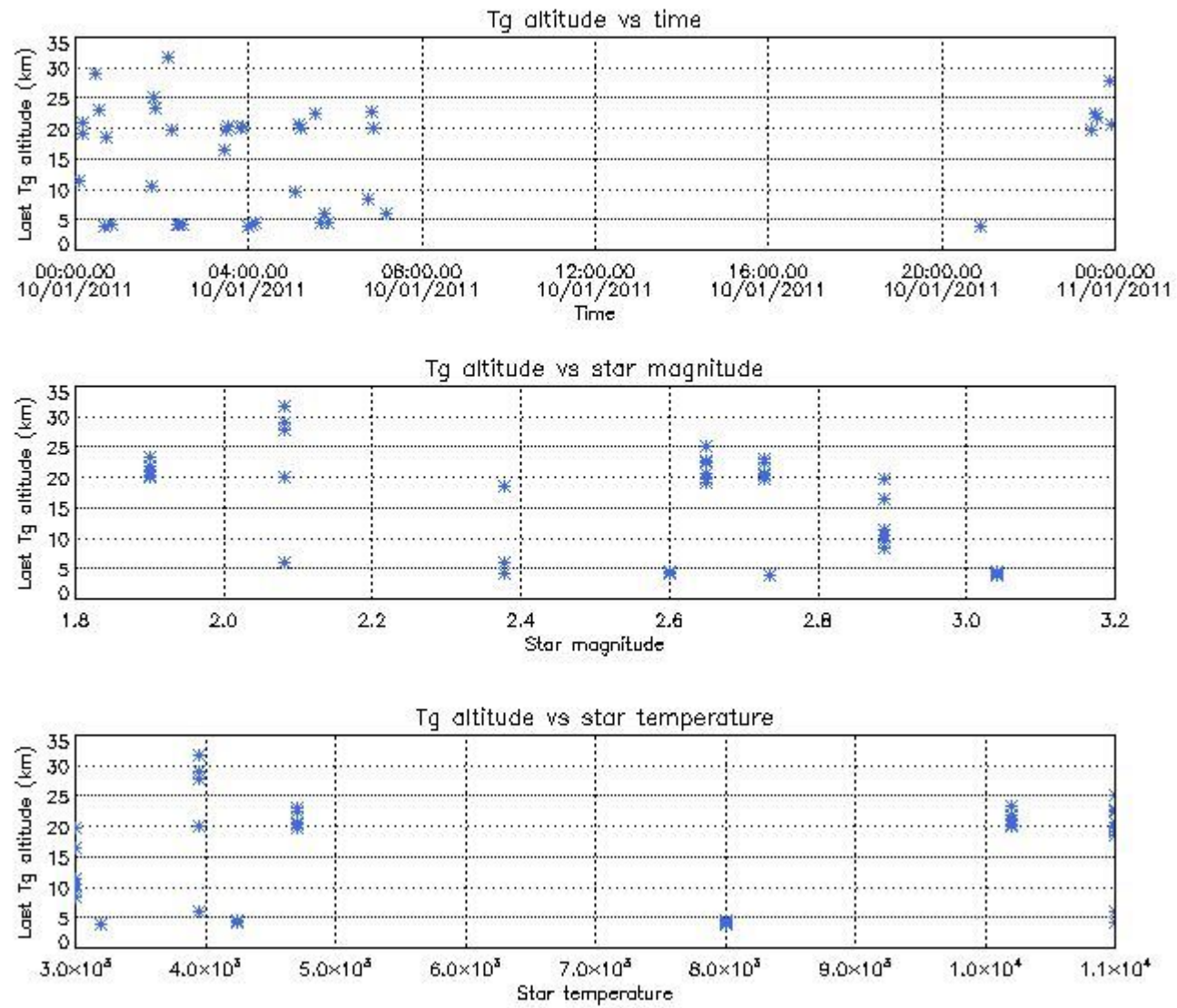
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

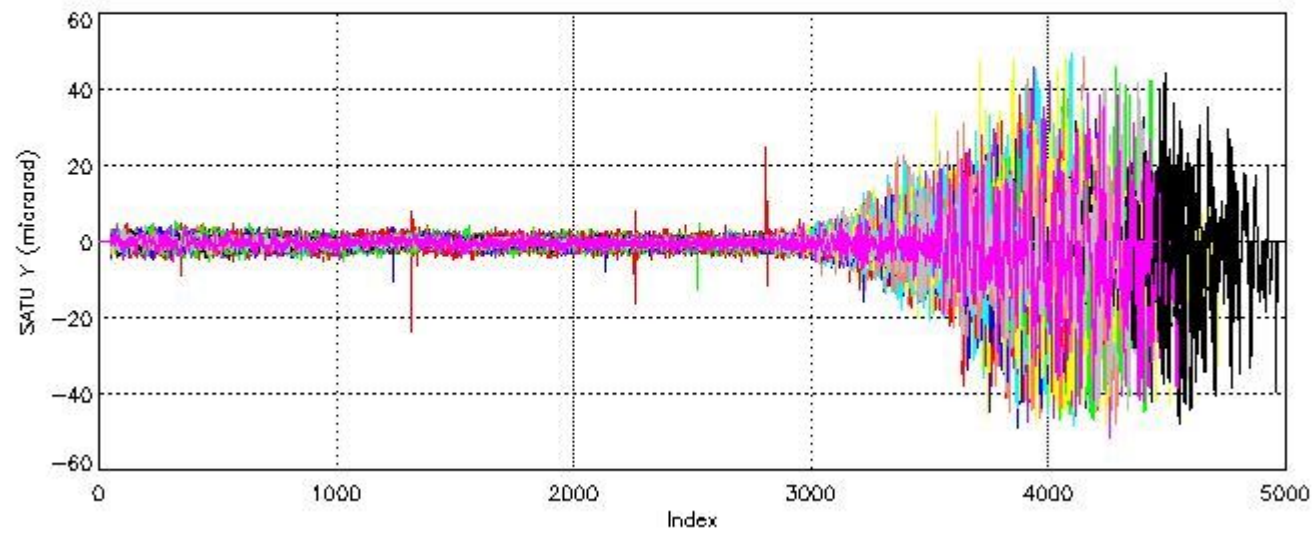
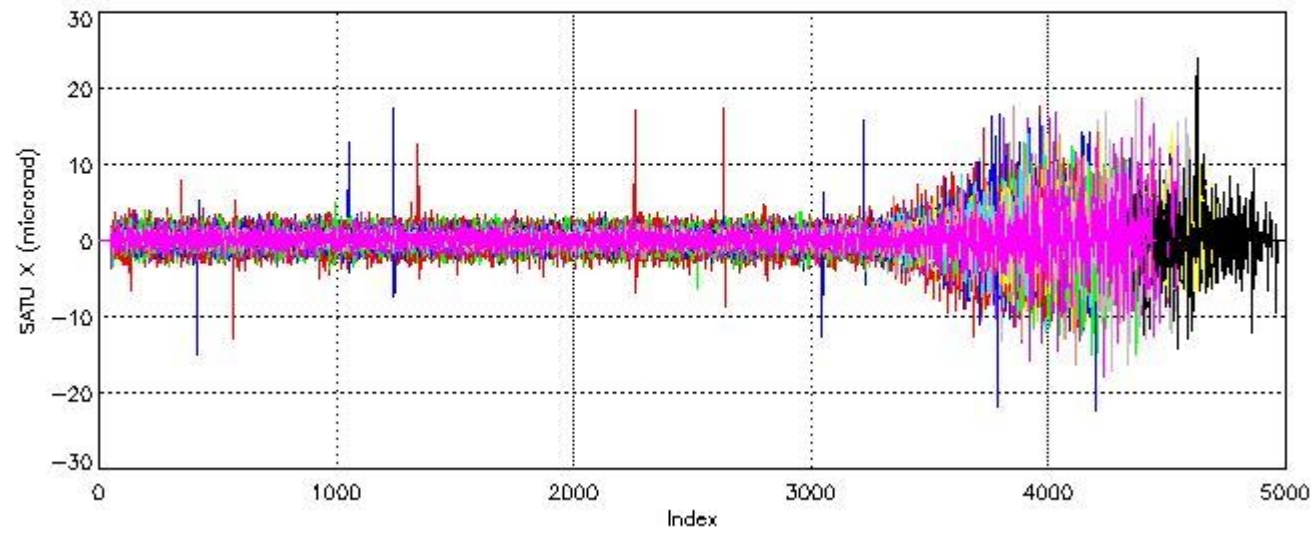


7. Star Acquisition and Tracking Unit (SATU)

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:	0.21937	-0.35487	0.13615	-0.31284
St. deviation:	0.74915	1.1177	0.70478	1.0663
Maximum:	7.9000	5.3000	5.7000	6.5000
Minimum:	-14.900	-8.9000	-5.4000	-6.9000

Number of data:	50050.	50050.	38350.	38350.
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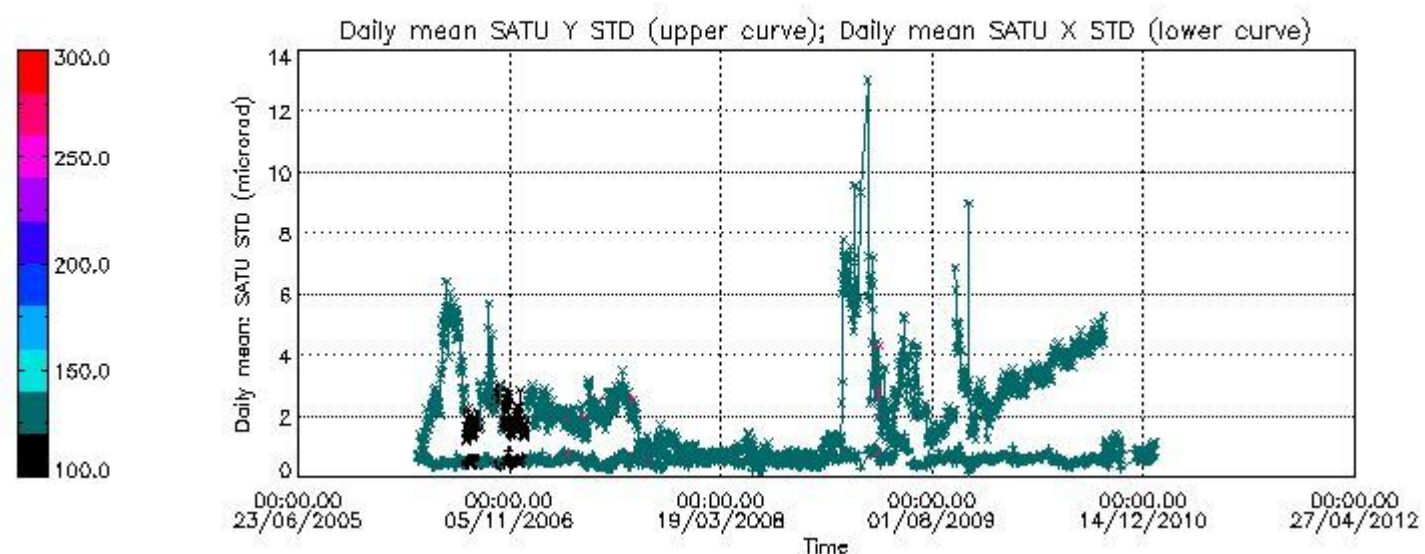
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

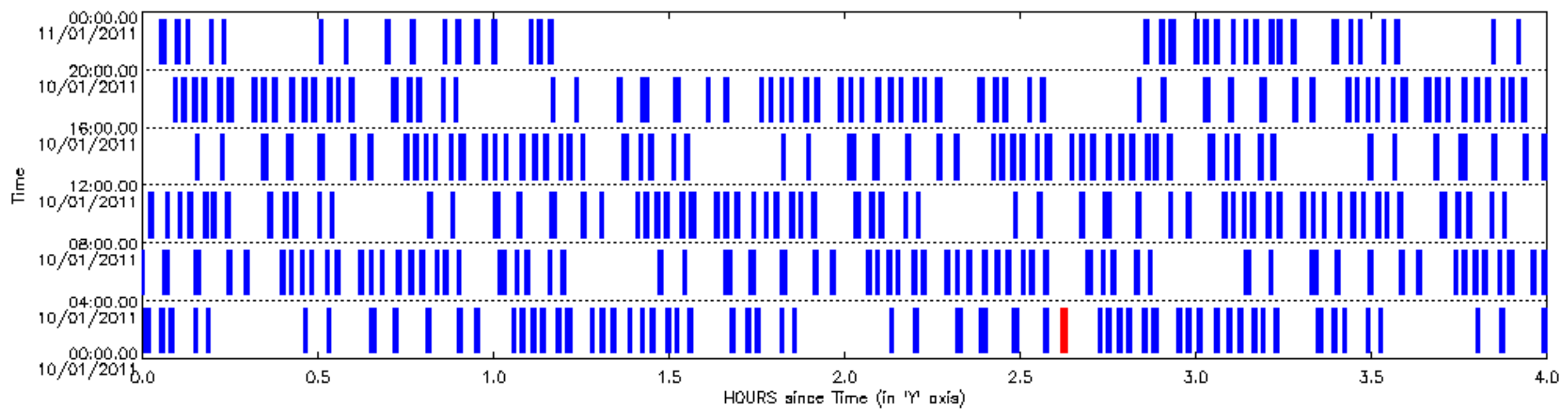
Lower curve: STD of SATU X axis

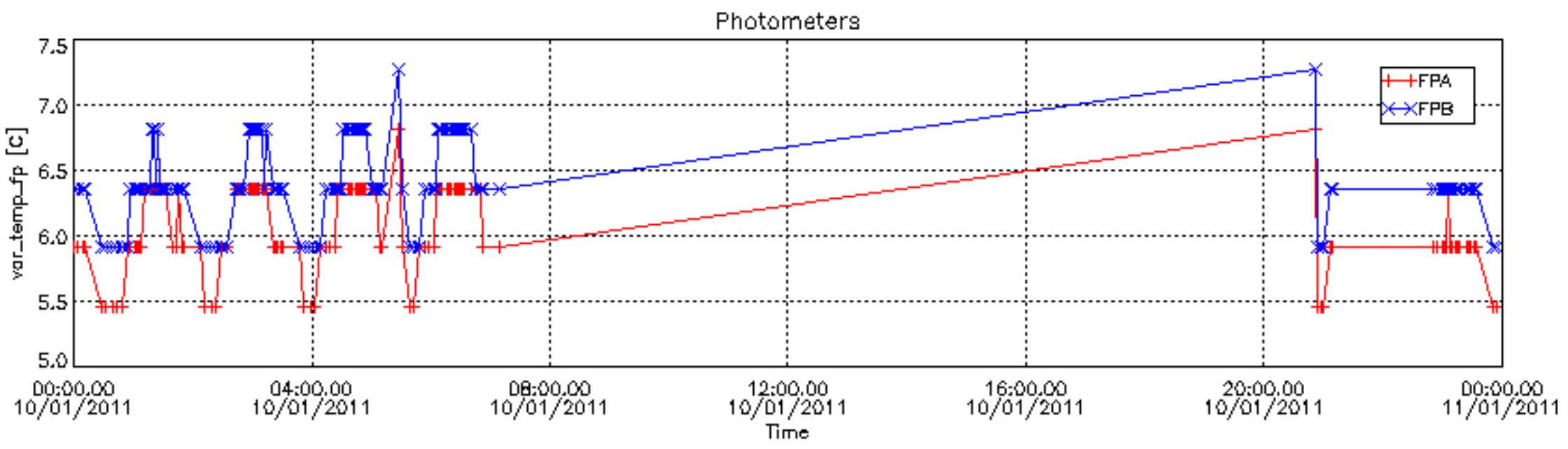
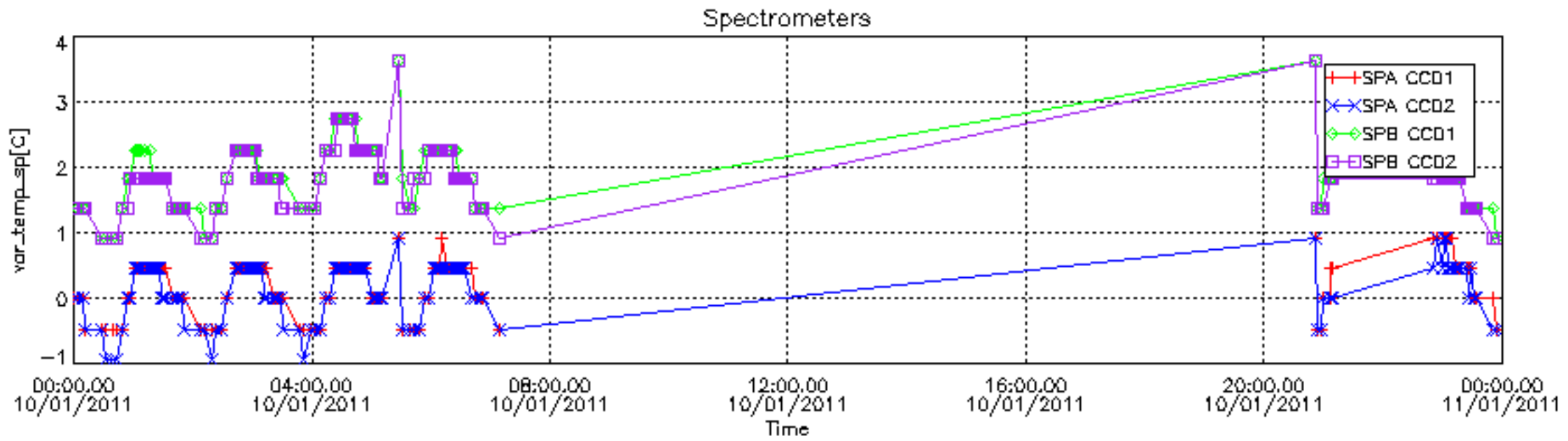


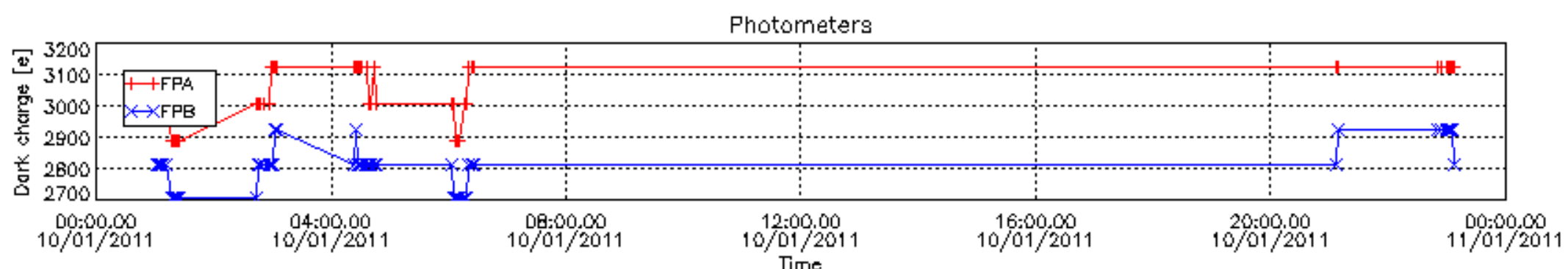
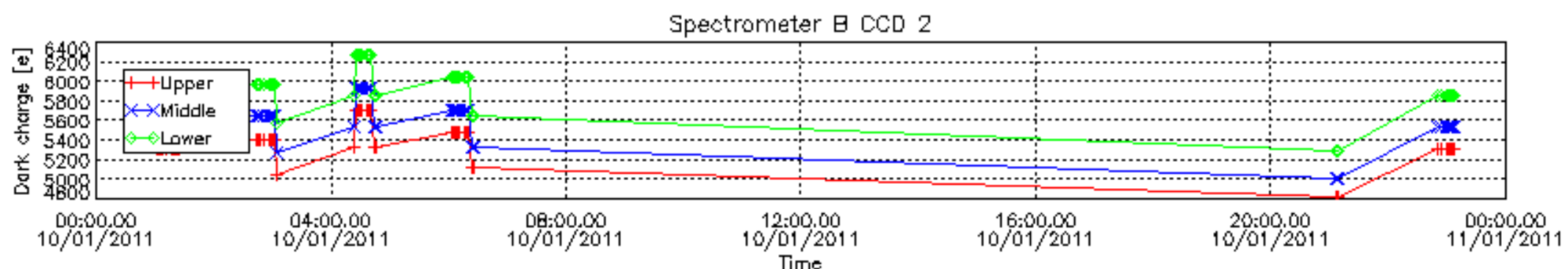
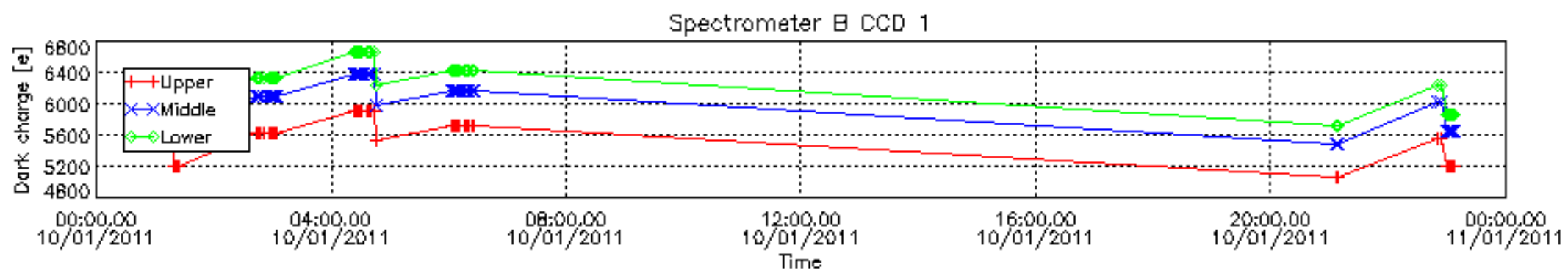
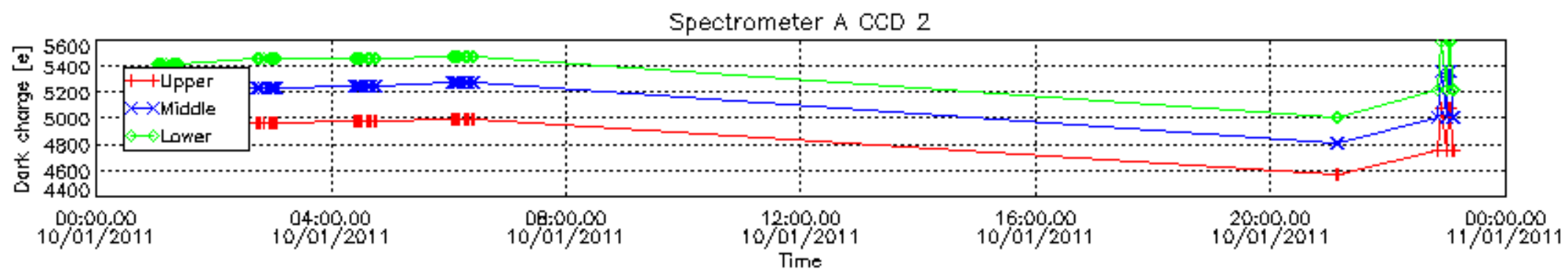
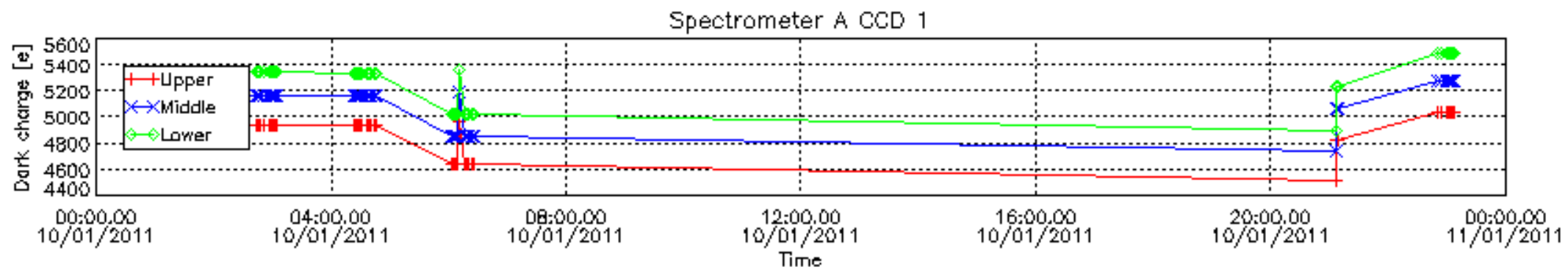
8. Auxiliary Data Files used for the production reported in section 2.4

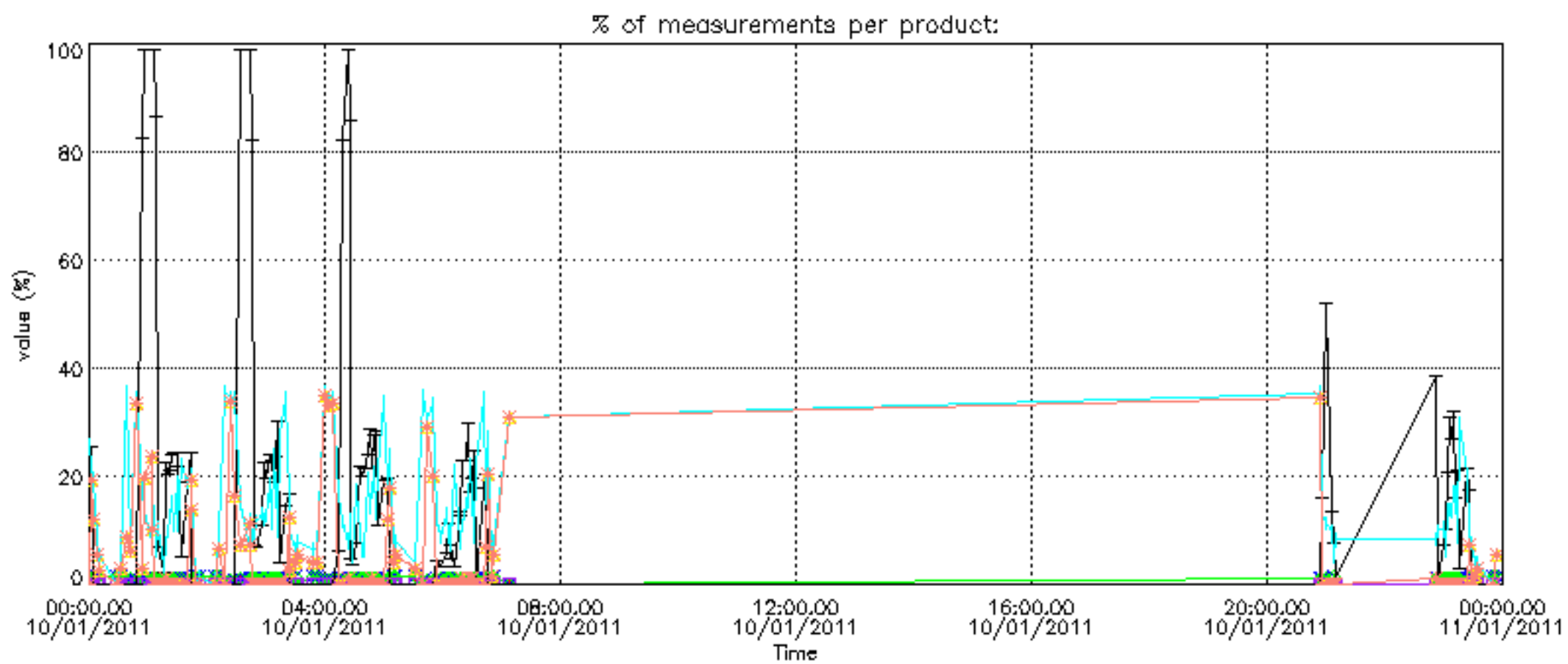
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-JAN-2011 00:00:07
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101227_083101_20101226_000000_20500101_000000	1	10-JAN-2011 00:00:07
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	10-JAN-2011 00:00:07
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	10-JAN-2011 00:00:07
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	10-JAN-2011 00:00:07
ECMWF_FILE	AUX_ECF_AXNECM20110109_054114_20110109_210000_20110110_090000	1	10-JAN-2011 00:00:07
ECMWF_FILE	AUX_ECF_AXNECM20110109_174114_20110110_030000_20110110_150000	57	10-JAN-2011 03:47:51
ECMWF_FILE	AUX_ECA_AXNECM20110110_052113_20110109_210000_20110110_090000	83	10-JAN-2011 05:28:05
ECMWF_FILE	AUX_ECF_AXNECM20110110_054113_20110110_150000_20110111_030000	110	10-JAN-2011 20:51:13
ECMWF_FILE	AUX_ECF_AXNECM20110110_054114_20110110_210000_20110111_090000	117	10-JAN-2011 22:51:07
OPTIONAL_ECMWF_FILE	MISSING	1	10-JAN-2011 00:00:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110109_231132_000057383098_00202_46337_2298.N1	1	10-JAN-2011 00:00:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110110_005229_000098823098_00203_46338_2299.N1	12	10-JAN-2011 00:56:47
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110110_034230_000057383098_00205_46340_2300.N1	57	10-JAN-2011 03:47:51
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110110_052327_000057383098_00206_46341_2301.N1	83	10-JAN-2011 05:28:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110110_204757_000060573098_00215_46350_2303.N1	110	10-JAN-2011 20:51:13
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110110_223413_000054193098_00216_46351_2304.N1	117	10-JAN-2011 22:51:07

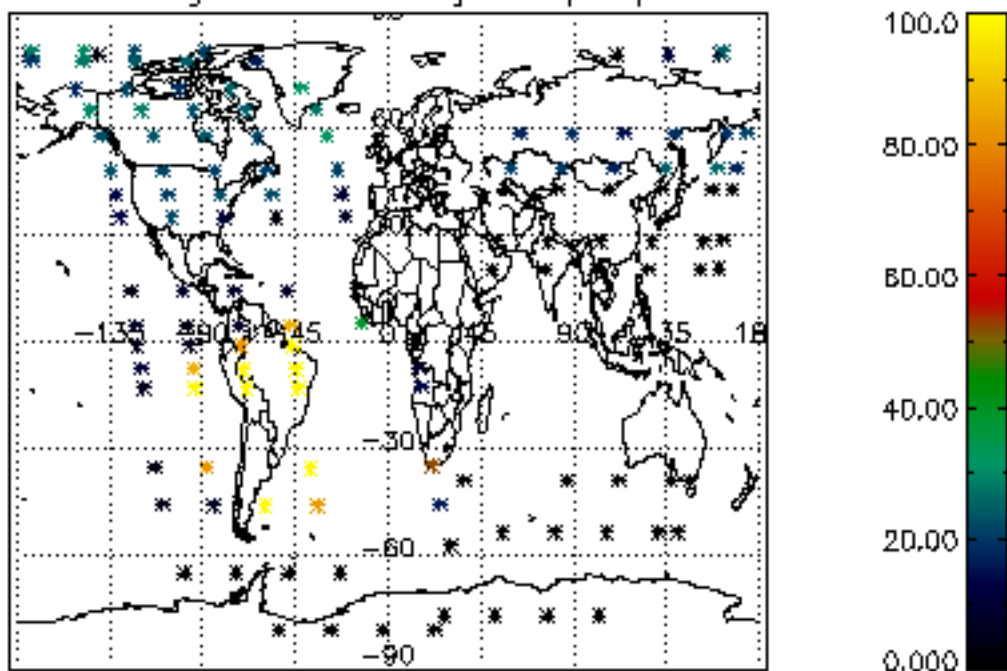




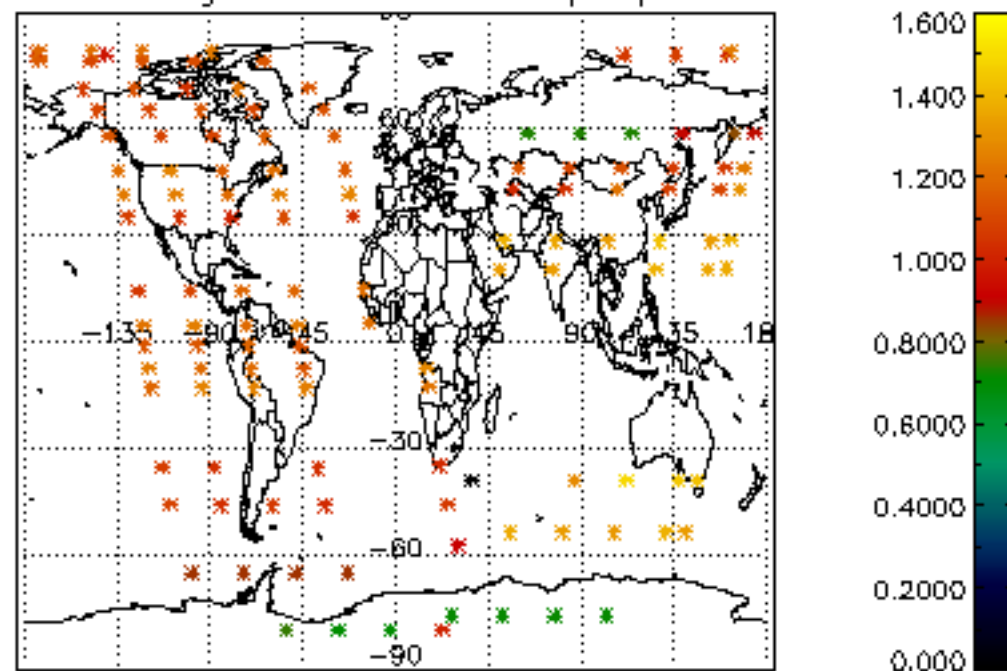




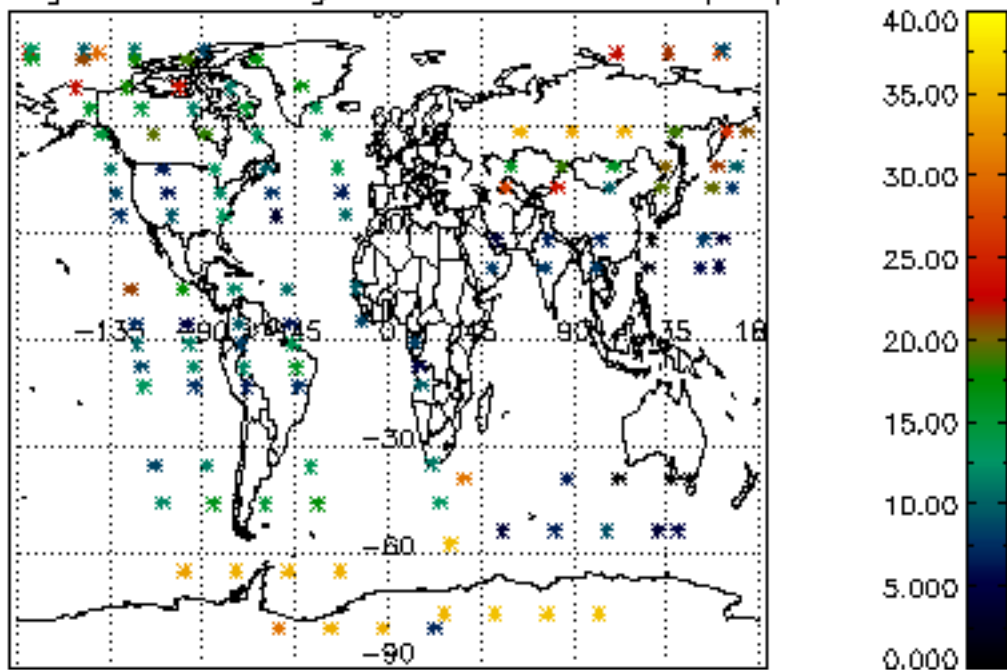
Percentage of cosmic ray hits per profile



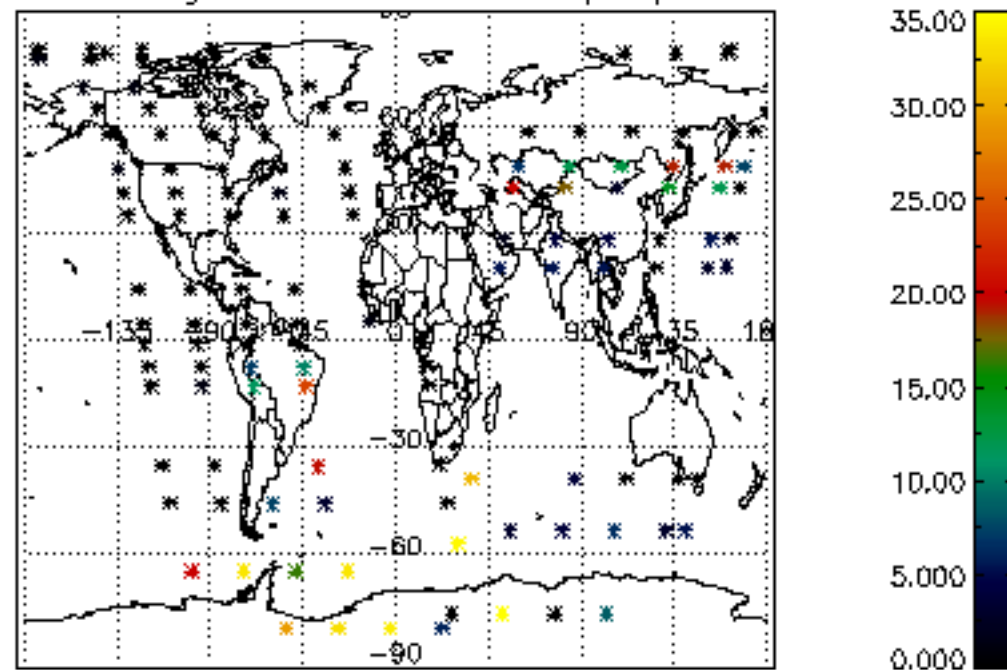
Percentage of datation errors per profile



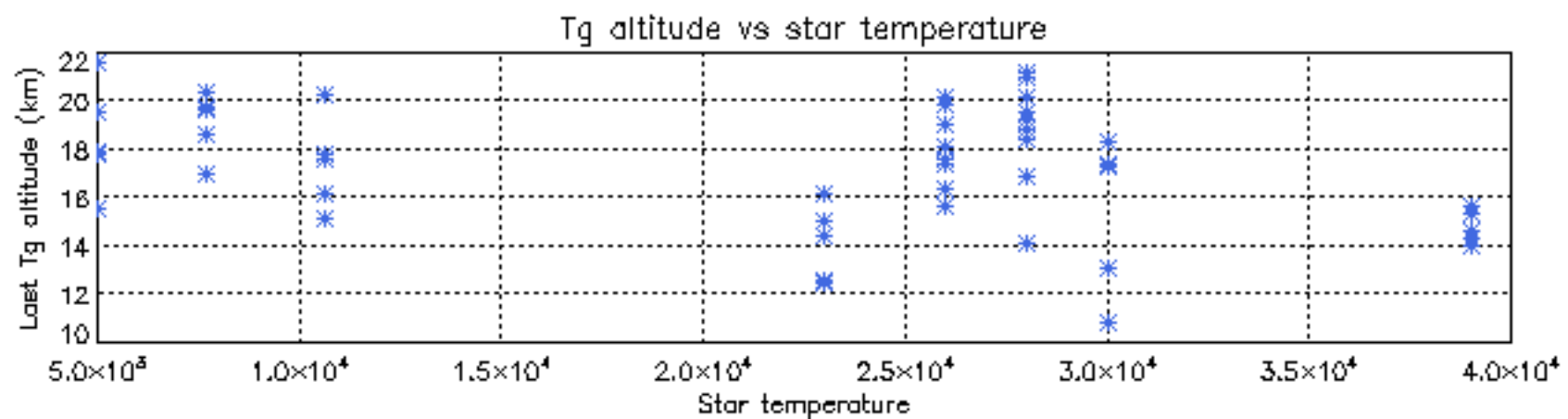
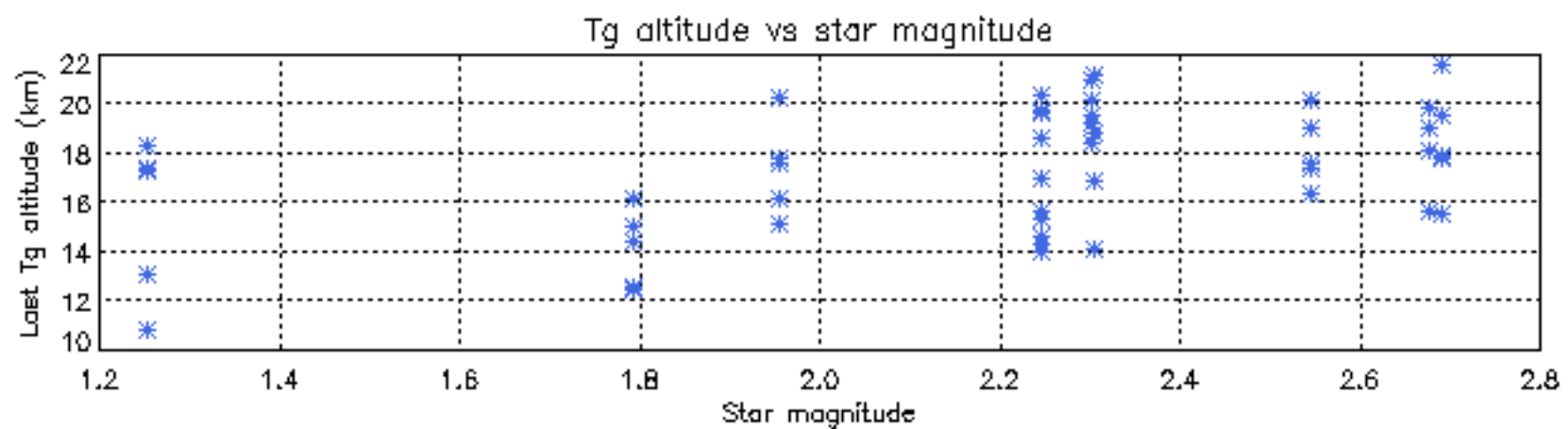
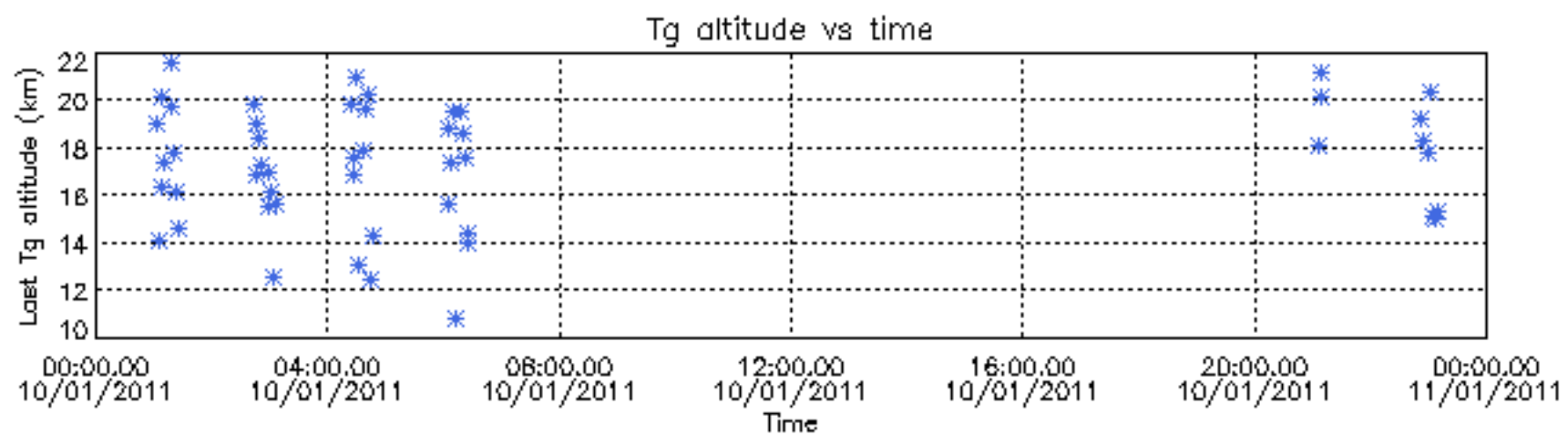
Percentage of star falling outside central band per profile



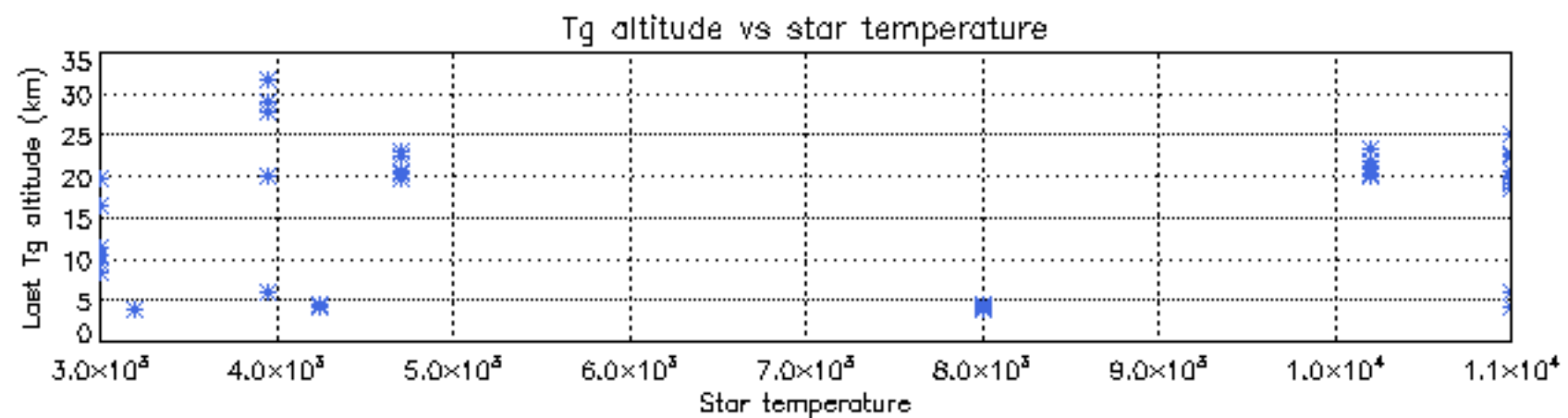
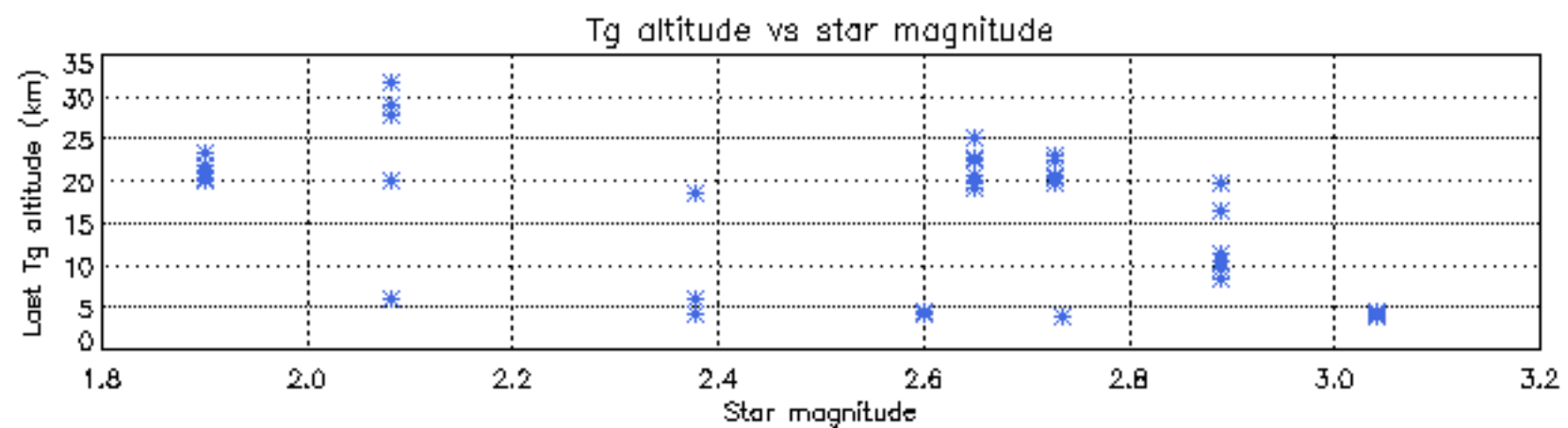
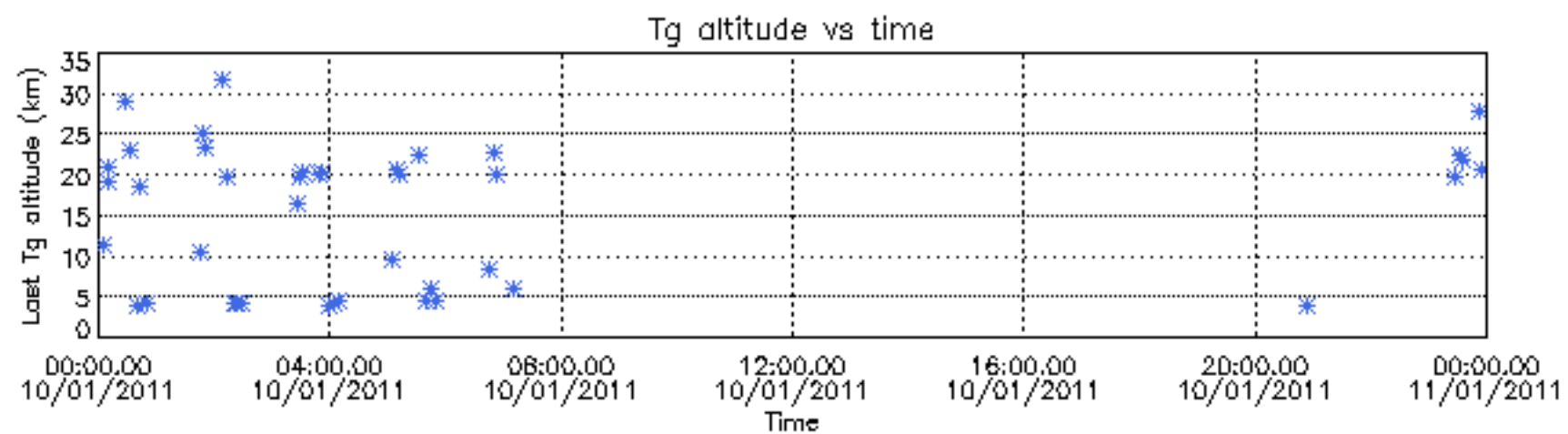
Percentage of saturation errors per profile

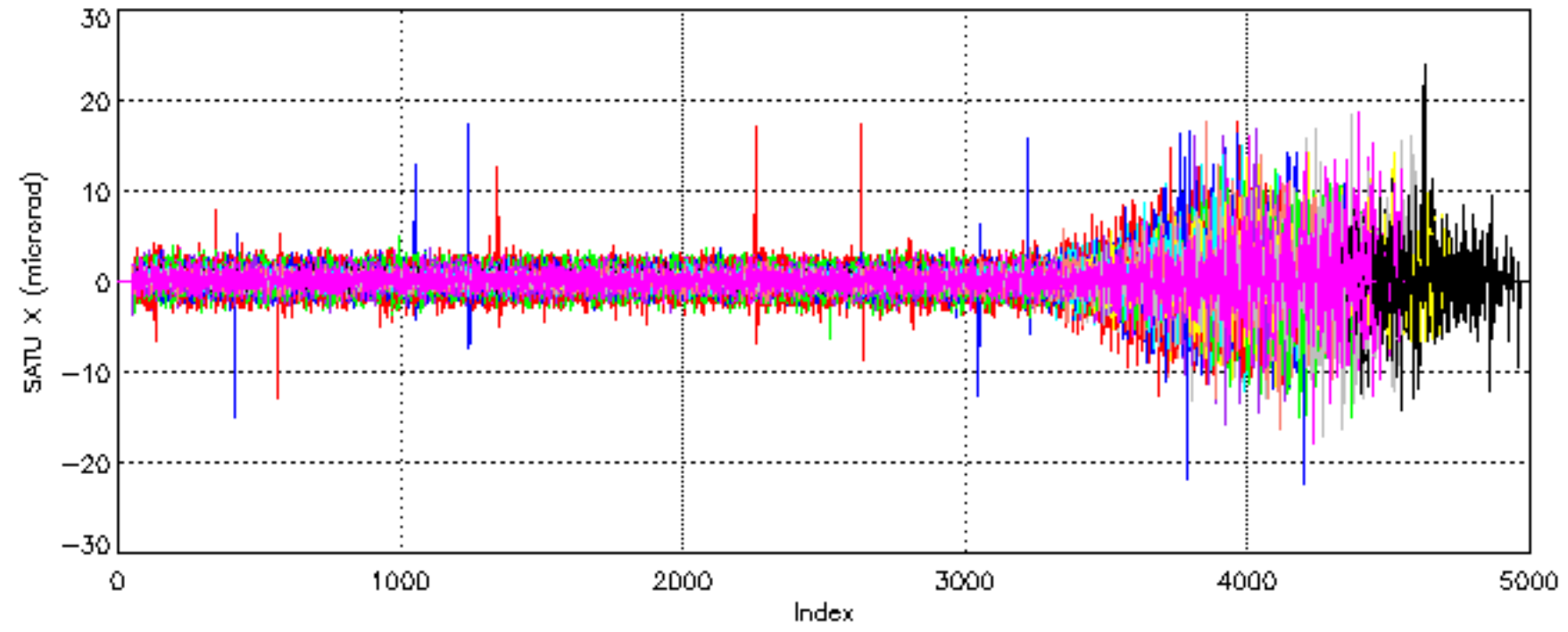


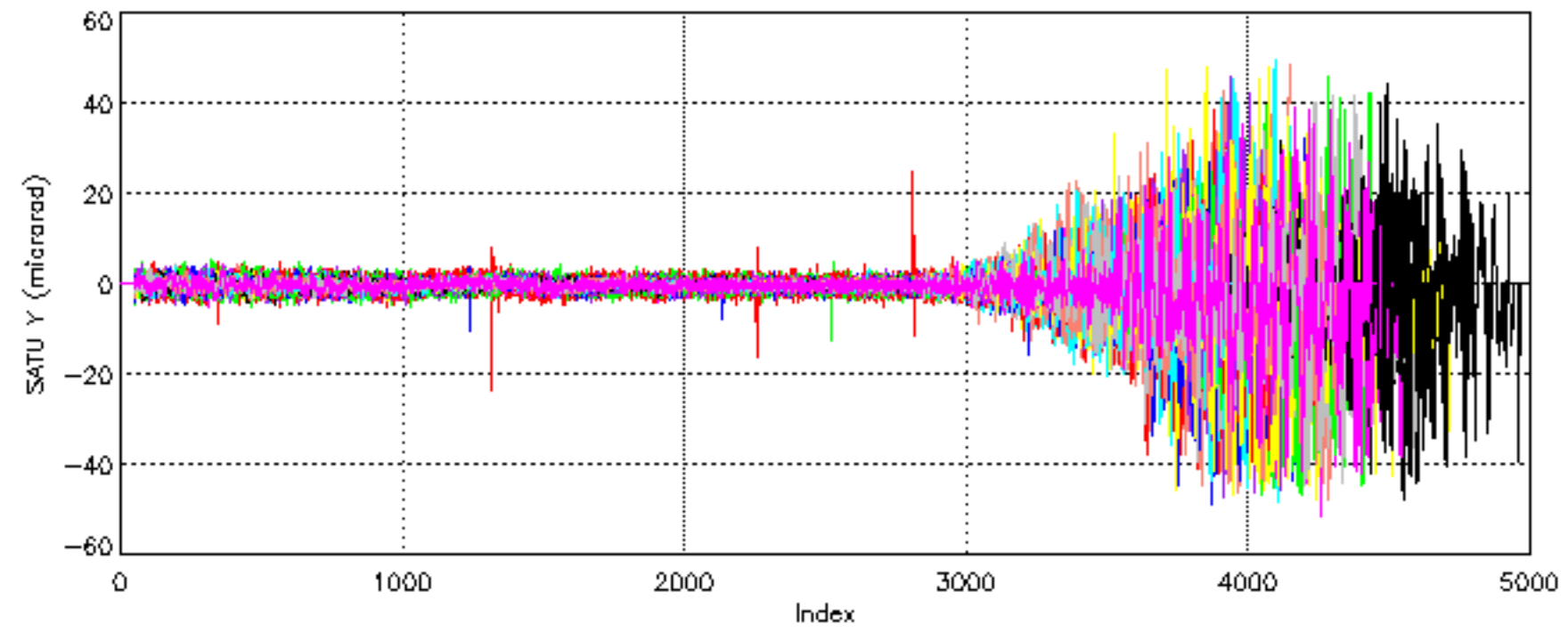
Tangent altitude at which the star is lost

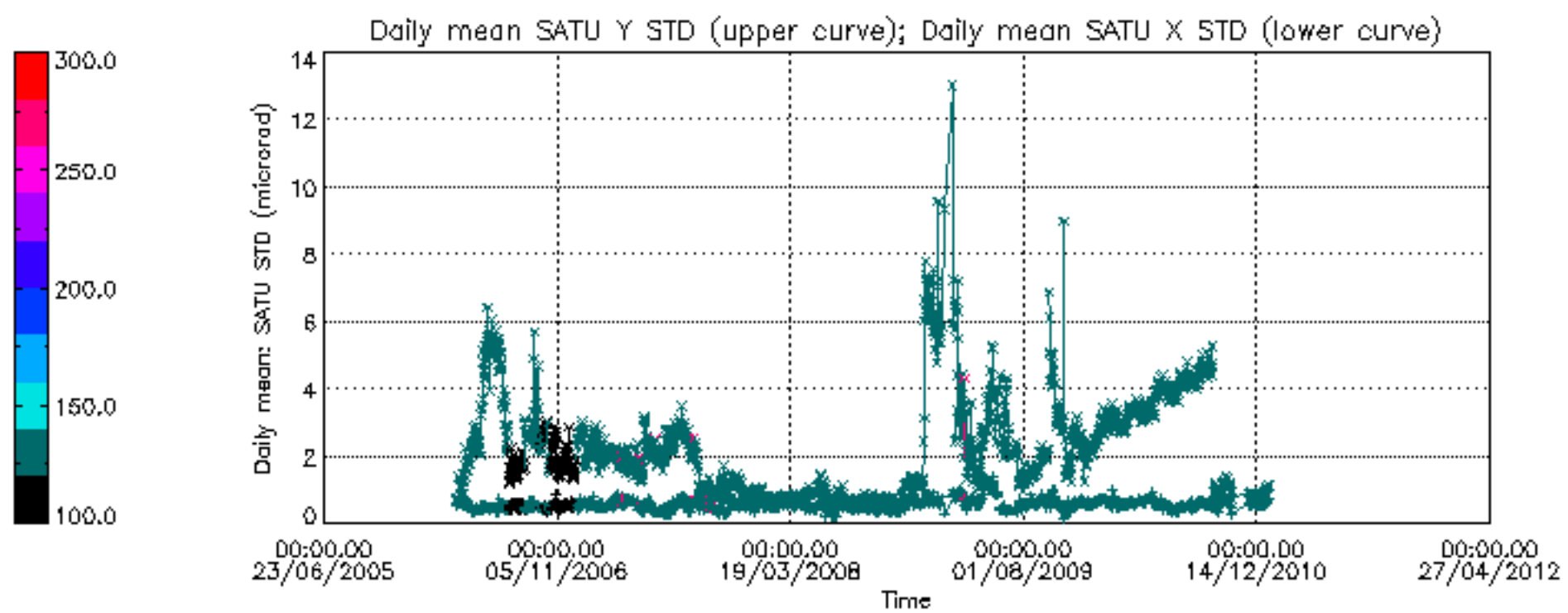


Tangent altitude at which the star is lost









/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
21;	2677.4;	01-JAN-2011	02:21:10;	Bright;	;	40.5;	6;	13Alp Aur	;	0.08;	3400;	occ;	81;	0;	46210
22;	3671.8;	01-JAN-2011	02:37:44;	Bright;	;	55.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	110;	0;	46210
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
30;	5330.2;	01-JAN-2011	03:05:23;	Dark	;	44.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	89;	0;	46210
31;	5742.5;	01-JAN-2011	03:12:15;	Dark	;	49.0;	54;	5The Cen	;	2.06;	4500;	occ;	98;	0;	46210
32;	5907.7;	01-JAN-2011	03:15:00;	Dark	;	40.0;	95;	Zet Cen	;	2.55;	26000;	occ;	80;	0;	46210
33;	6011.7;	01-JAN-2011	03:16:44;	Dark	;	39.5;	77;	Eps Cen	;	2.30;	28000;	occ;	79;	0;	46211
34;	6117.0;	01-JAN-2011	03:18:29;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46211
35;	6226.4;	01-JAN-2011	03:20:19;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46211
36;	6485.7;	01-JAN-2011	03:24:38;	Dark	;	49.0;	113;	Mu Vel	;	2.69;	5000;	occ;	98;	0;	46211
37;	6638.6;	01-JAN-2011	03:27:11;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;	occ;	85;	0;	46211
38;	6752.6;	01-JAN-2011	03:29:05;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;	occ;	90;	0;	46211
39;	6923.2;	01-JAN-2011	03:31:56;	Dark	;	46.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	93;	0;	46211
40;	7054.0;	01-JAN-2011	03:34:06;	Dark	;	45.5;	70;	Zet Pup	;	2.25;	39000;	occ;	91;	0;	46211
41;	7178.0;	01-JAN-2011	03:36:10;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;	occ;	94;	0;	46211
42;	7345.3;	01-JAN-2011	03:38:58;	Dark	;	46.0;	23;	21Eps CMA	;	1.50;	26000;	occ;	92;	0;	46211
43;	7437.3;	01-JAN-2011	03:40:30;	Dark	;	46.0;	179;	240mi2CMA	;	3.03;	24000;	occ;	92;	0;	46211
44;	7584.6;	01-JAN-2011	03:42:57;	Dark	;	53.0;	1;	9Alp CMA	;	-1.44;	11000;	occ;	106;	0;	46211
45;	7733.8;	01-JAN-2011	03:45:26;	Dark	;	44.0;	56;	53Kap Ori	;	2.07;	30000;	occ;	88;	0;	46211
46;	7883.6;	01-JAN-2011	03:47:56;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	89;	0;	46211
47;	8034.0;	01-JAN-2011	03:50:26;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46211
48;	8228.0;	01-JAN-2011	03:53:40;	Dark	;	44.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	89;	0;	46211
49;	8326.2;	01-JAN-2011	03:55:18;	Bright;	;	43.5;	151;	13Mu Gem	;	2.89;	3000;	occ;	87;	0;	46211
50;	8565.6;	01-JAN-2011	03:59:18;	Bright;	;	38.5;	107;	37The Aur	;	2.65;	11000;	occ;	77;	0;	46211
51;	8691.4;	01-JAN-2011	04:01:24;	Bright;	;	41.0;	6;	13Alp Aur	;	0.08;	3400;	occ;	82;	0;	46211

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1;	-2342.4;	01-JAN-2011	04:17:58;	Bright;	;	39.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	78;	0;	46211
2;	-2124.9;	01-JAN-2011	04:21:36;	Bright;	;	47.5;	32;	77Eps UMa	;	1.76;	11000;	occ;	95;	0;	46211
3;	-1927.5;	01-JAN-2011	04:24:53;	Bright;	;	45.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	90;	0;	46211
4;	-1683.0;	01-JAN-2011	04:28:57;	Bright;	;	42.5;	180;	27Gam Boo	;	3.04;	8000;	occ;	85;	0;	46211
5;	-1461.7;	01-JAN-2011	04:32:39;	Bright;	;	44.0;	83;		;	2.38;	11000;	occ;	88;	0;	46211
6;	-1265.7;	01-JAN-2011	04:35:55;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46211
7;	-1145.5;	01-JAN-2011	04:37:55;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46211
8;	-842.3;	01-JAN-2011	04:42:58;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	112;	0;	46211
9;	-683.2;	01-JAN-2011	04:45:37;	Dark	;	45.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	91;	0;	46211
10;	-270.8;	01-JAN-2011	04:52:30;	Dark	;	47.0;	54;	5The Cen	;	2.06;	4500;	occ;	94;	0;	46211
11;	-105.9;	01-JAN-2011	04:55:15;	Dark	;	41.5;	95;	Zet Cen	;	2.55;	26000;	occ;	83;	0;	46211
12;	-1.7;	01-JAN-2011	04:56:59;	Dark	;	40.0;	77;	Eps Cen	;	2.30;	28000;	occ;	80;	0;	46212
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
15;	472.3;	01-JAN-2011	05:04:53;	Dark	;	48.5;	113;	Mu Vel	;	2.69;	5000;	occ;	97;	0;	46212


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16; 625.1; 01-JAN-2011 05:07:26; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46212
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19; 1040.6; 01-JAN-2011 05:14:21; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;46212
20; 1164.3; 01-JAN-2011 05:16:25; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46212
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23; 1570.7; 01-JAN-2011 05:23:11; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;46212
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25; 1869.6; 01-JAN-2011 05:28:10; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;46212
26; 2019.7; 01-JAN-2011 05:30:40; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;46212
27; 2213.8; 01-JAN-2011 05:33:54; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;46212
28; 2312.0; 01-JAN-2011 05:35:32; Bright; 60.0; 151; 13Mu Gem ; 2.89; 3000;occ; 120; 0;46212
29; 2551.3; 01-JAN-2011 05:39:32; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46212
30; 2677.3; 01-JAN-2011 05:41:38; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;46212
31; 3671.7; 01-JAN-2011 05:58:12; Bright; 11.5; 60; 7Bet UMi ; 2.08; 3950;occ; 23; 0;46212
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 3; 1167.5; 01-JAN-2011 20:18:34; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46221
 4; 1333.8; 01-JAN-2011 20:21:21; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;46221
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 7; 1720.8; 01-JAN-2011 20:27:48; Dark ; 44.0; 56; 53Kap Ori ; 2.07; 30000;occ; 88; 0;46221
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 9; 2019.3; 01-JAN-2011 20:32:46; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;46221
10; 2210.9; 01-JAN-2011 20:35:58; Dark ; 62.0; 44; 24Gam Gem ; 1.93; 11000;occ; 124; 0;46221
11; 2309.2; 01-JAN-2011 20:37:36; Bright; 45.0; 151; 13Mu Gem ; 2.89; 3000;occ; 90; 0;46221
12; 2549.2; 01-JAN-2011 20:41:36; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46221
13; 2676.5; 01-JAN-2011 20:43:43; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;46221
14; 3670.6; 01-JAN-2011 21:00:17; Bright; 55.0; 60; 7Bet UMi ; 2.08; 3950;occ; 110; 0;46221
15; 3884.8; 01-JAN-2011 21:03:52; Bright; 64.0; 32; 77Eps UMa ; 1.76; 11000;occ; 128; 0;46221
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19; 4752.6; 01-JAN-2011 21:18:19; Bright; 54.5; 3; 16Alp Boo ; -0.05; 4250;occ; 109; 0;46221
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 8; 481.3; 01-JAN-2011 21:47:22; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46222
 9; 630.4; 01-JAN-2011 21:49:51; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;46222
10; 744.7; 01-JAN-2011 21:51:45; Dark ; 45.5; 46; Del Vel ; 1.95; 10600;occ; 91; 0;46222
11; 914.6; 01-JAN-2011 21:54:35; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;46222
12; 1045.6; 01-JAN-2011 21:56:46; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46222
13; 1167.9; 01-JAN-2011 21:58:49; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46222
14; 1334.3; 01-JAN-2011 22:01:35; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;46222
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23; 6954.6; 05-JAN-2011 14:27:24; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;46275
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 16; 1579.6; 06-JAN-2011 02:19:41; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;46282
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 11; 202.9; 06-JAN-2011 03:36:59; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46283
 12; 279.7; 06-JAN-2011 03:38:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46283
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 16; 944.3; 06-JAN-2011 03:49:20; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;46283
 17; 1074.4; 06-JAN-2011 03:51:30; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46283
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13; 166.8; 19-JAN-2011 04:00:04; Dark ; 43.0; 77; Eps Cen ; 2.30; 28000;occ; 86; 0;46470
14; 364.5; 19-JAN-2011 04:03:21; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;46470
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