

GOMOS Daily Report 20-JUL-2010

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	24JUL2010 04:56:40
Data source version	GOMOS/5.01
Start time of products	20JUL2010 00:01:30
Stop time of products	20JUL2010 23:56:47
Store outputs in DB	Yes
Nb of level 1b prods	117
Nb of prods with errors	1

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

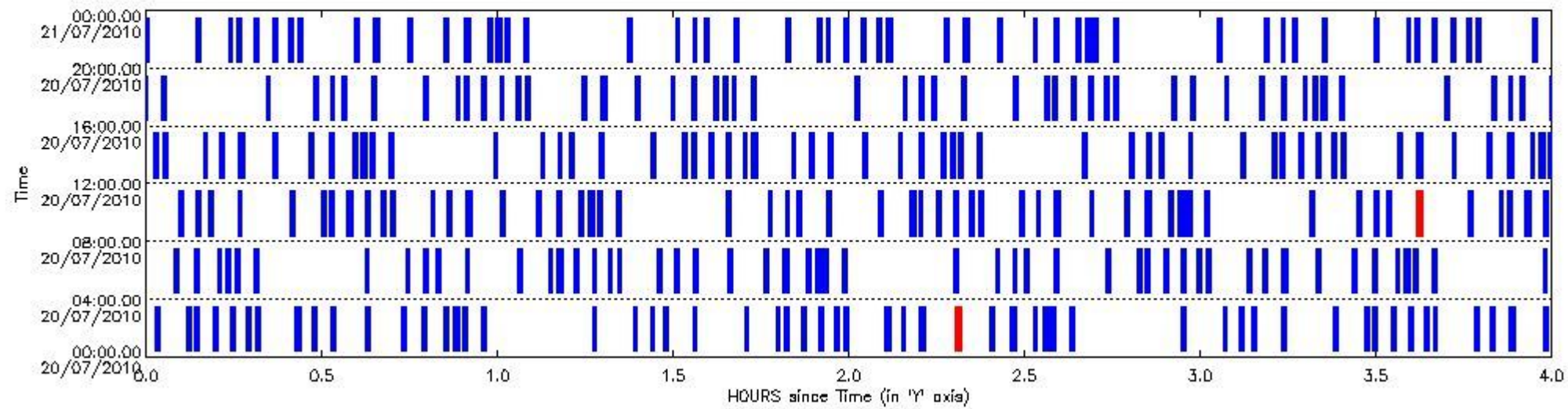
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
20-JUL-2010 02:18:09	The1Eri	157	43844
20-JUL-2010 11:36:55	5AlpCep	89	43850

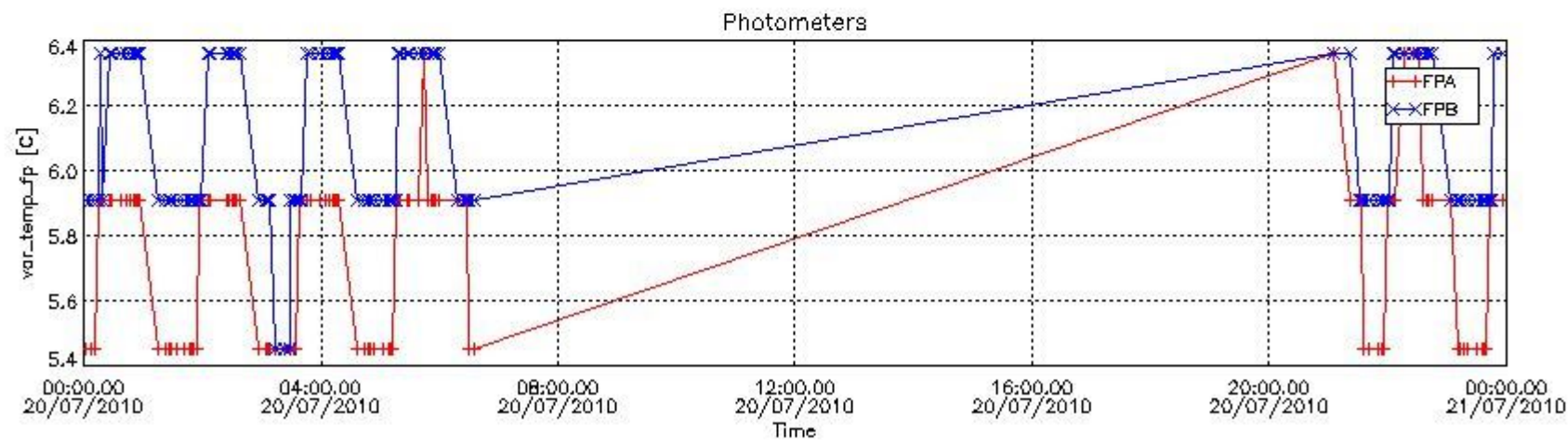
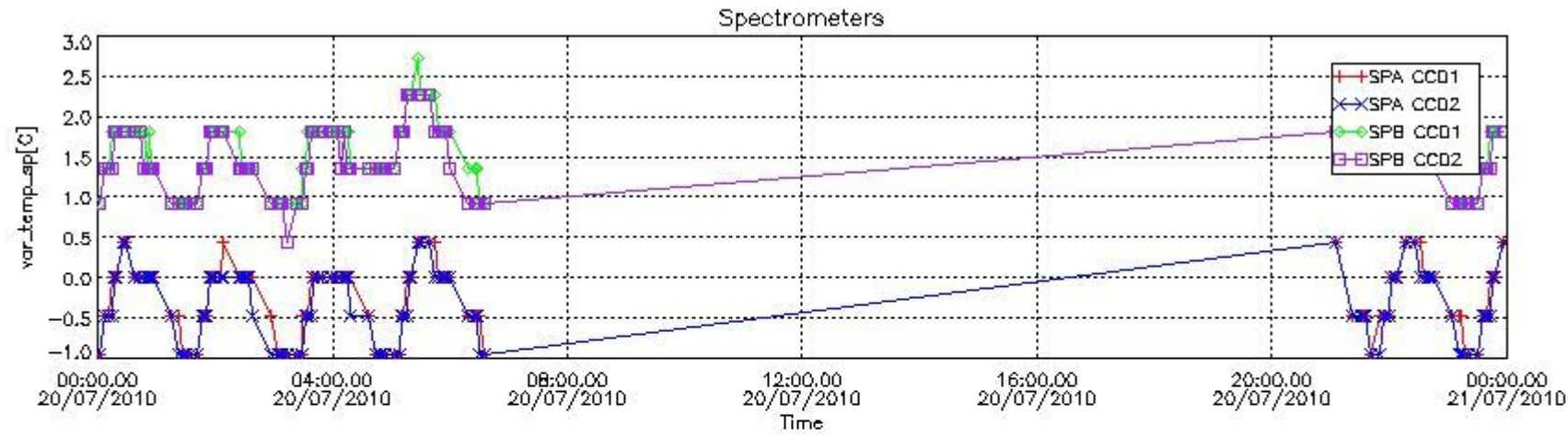
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100720_000130_000000482091_00202_43843_8055.N1	20-JUL-2010 00:01:30	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43843	No
2	GOM_TRA_1PNPDE20100720_000651_000000432091_00202_43843_8056.N1	20-JUL-2010 00:06:51	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43843	No
3	GOM_TRA_1PNPDE20100720_000816_000000452091_00202_43843_8057.N1	20-JUL-2010 00:08:16	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43843	No
4	GOM_TRA_1PNPDE20100720_001116_000000512091_00202_43843_8058.N1	20-JUL-2010 00:11:16	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43843	No
5	GOM_TRA_1PNPDE20100720_001419_000000472091_00202_43843_8059.N1	20-JUL-2010 00:14:19	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43843	No
6	GOM_TRA_1PNPDE20100720_001700_000000472091_00202_43843_8060.N1	20-JUL-2010 00:17:00	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	43843	No
7	GOM_TRA_1PNPDE20100720_001834_000000512091_00202_43843_8061.N1	20-JUL-2010 00:18:34	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43843	No
8	GOM_TRA_1PNPDE20100720_002528_000000642091_00202_43843_8062.N1	20-JUL-2010 00:25:28	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	43843	No
9	GOM_TRA_1PNPDE20100720_002816_000000422091_00202_43843_8067.N1	20-JUL-2010 00:28:16	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	43843	No

10	GOM_TRA_1PNPDE20100720_003724_000000442091_00202_43843_8068.N1	20-JUL-2010 00:37:24	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43843	No
11	GOM_TRA_1PNPDE20100720_004328_000000512091_00203_43844_8069.N1	20-JUL-2010 00:43:28	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43844	No
12	GOM_TRA_1PNPDE20100720_004654_000000592091_00203_43844_8070.N1	20-JUL-2010 00:46:54	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	43844	No
13	GOM_TRA_1PNPDE20100720_005053_000000412091_00203_43844_8071.N1	20-JUL-2010 00:50:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43844	No
14	GOM_TRA_1PNPDE20100720_005223_000000612091_00203_43844_8072.N1	20-JUL-2010 00:52:23	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43844	No
15	GOM_TRA_1PNPDE20100720_005353_000000552091_00203_43844_8073.N1	20-JUL-2010 00:53:53	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43844	No
16	GOM_TRA_1PNPDE20100720_005706_000000502091_00203_43844_8074.N1	20-JUL-2010 00:57:06	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43844	No
17	GOM_TRA_1PNPDE20100720_011608_000000382091_00203_43844_8075.N1	20-JUL-2010 01:16:08	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43844	No
18	GOM_TRA_1PNPDE20100720_012312_000000372091_00203_43844_8076.N1	20-JUL-2010 01:23:12	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43844	No
19	GOM_TRA_1PNPDE20100720_012608_000000402091_00203_43844_8077.N1	20-JUL-2010 01:26:08	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43844	No
20	GOM_TRA_1PNPDE20100720_012811_000000502091_00203_43844_8078.N1	20-JUL-2010 01:28:11	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43844	No
21	GOM_TRA_1PNPDE20100720_013315_000000392091_00203_43844_8079.N1	20-JUL-2010 01:33:15	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	43844	No
22	GOM_TRA_1PNPDE20100720_014205_000000482091_00203_43844_8080.N1	20-JUL-2010 01:42:05	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43844	No
23	GOM_TRA_1PNPDE20100720_014727_000000442091_00203_43844_8081.N1	20-JUL-2010 01:47:27	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43844	No
24	GOM_TRA_1PNPDE20100720_014852_000000442091_00203_43844_8082.N1	20-JUL-2010 01:48:52	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43844	No
25	GOM_TRA_1PNPDE20100720_015152_000000522091_00203_43844_8083.N1	20-JUL-2010 01:51:52	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43844	No
26	GOM_TRA_1PNPDE20100720_015455_000000472091_00203_43844_8084.N1	20-JUL-2010 01:54:55	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	43844	No
27	GOM_TRA_1PNPDE20100720_015736_000000452091_00203_43844_8085.N1	20-JUL-2010 01:57:36	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43844	No
28	GOM_TRA_1PNPDE20100720_015911_000000392091_00203_43844_8086.N1	20-JUL-2010 01:59:11	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	43844	No
29	GOM_TRA_1PNPDE20100720_020605_000000562091_00203_43844_8095.N1	20-JUL-2010 02:06:05	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43844	No
30	GOM_TRA_1PNPDE20100720_020853_000000422091_00203_43844_8096.N1	20-JUL-2010 02:08:53	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	43844	No
31	GOM_TRA_1PNPDE20100720_022405_000000442091_00204_43845_8097.N1	20-JUL-2010 02:24:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	43845	No
32	GOM_TRA_1PNPDE20100720_022732_000000592091_00204_43845_8098.N1	20-JUL-2010 02:27:32	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	43845	No
33	GOM_TRA_1PNPDE20100720_023129_000000412091_00204_43845_8099.N1	20-JUL-2010 02:31:29	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43845	No
34	GOM_TRA_1PNPDE20100720_023300_000000662091_00204_43845_8100.N1	20-JUL-2010 02:33:00	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43845	No
35	GOM_TRA_1PNPDE20100720_023430_000000472091_00204_43845_8101.N1	20-JUL-2010 02:34:30	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43845	No
36	GOM_TRA_1PNPDE20100720_023743_000000512091_00204_43845_8102.N1	20-JUL-2010 02:37:43	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43845	No
37	GOM_TRA_1PNPDE20100720_025644_000000402091_00204_43845_8103.N1	20-JUL-2010 02:56:44	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43845	No
38	GOM_TRA_1PNPDE20100720_030348_000000412091_00204_43845_8104.N1	20-JUL-2010 03:03:48	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43845	No
39	GOM_TRA_1PNPDE20100720_030644_000000392091_00204_43845_8105.N1	20-JUL-2010 03:06:44	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43845	No
40	GOM_TRA_1PNPDE20100720_030846_000000472091_00204_43845_8106.N1	20-JUL-2010 03:08:46	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	43845	No
41	GOM_TRA_1PNPDE20100720_031350_000000422091_00204_43845_8107.N1	20-JUL-2010 03:13:50	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43845	No
42	GOM_TRA_1PNPDE20100720_032241_000000472091_00204_43845_8120.N1	20-JUL-2010 03:22:41	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43845	No
43	GOM_TRA_1PNPDE20100720_032802_000000452091_00204_43845_8121.N1	20-JUL-2010 03:28:02	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43845	No
44	GOM_TRA_1PNPDE20100720_032928_000000442091_00204_43845_8122.N1	20-JUL-2010 03:29:28	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43845	No
45	GOM_TRA_1PNPDE20100720_033228_000000522091_00204_43845_8123.N1	20-JUL-2010 03:32:28	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43845	No
46	GOM_TRA_1PNPDE20100720_033531_000000472091_00204_43845_8124.N1	20-JUL-2010 03:35:31	Tw_i_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	43845	No
47	GOM_TRA_1PNPDE20100720_033812_000000442091_00204_43845_8125.N1	20-JUL-2010 03:38:12	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43845	No
48	GOM_TRA_1PNPDE20100720_033947_000000422091_00204_43845_8126.N1	20-JUL-2010 03:39:47	Twilight	42.000	13	87Alp Tau	0.86700	3800.0	84	43845	No
49	GOM_TRA_1PNPDE20100720_034642_000000562091_00204_43845_8127.N1	20-JUL-2010 03:46:42	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43845	No
50	GOM_TRA_1PNPDE20100720_034929_000000492091_00204_43845_8128.N1	20-JUL-2010 03:49:29	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43845	No
51	GOM_TRA_1PNPDE20100720_035837_000000442091_00204_43845_8129.N1	20-JUL-2010 03:58:37	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43845	No
52	GOM_TRA_1PNPDE20100720_040441_000000512091_00205_43846_8130.N1	20-JUL-2010 04:04:41	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43846	No
53	GOM_TRA_1PNPDE20100720_040809_000000562091_00205_43846_8131.N1	20-JUL-2010 04:08:09	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43846	No
54	GOM_TRA_1PNPDE20100720_041206_000000432091_00205_43846_8132.N1	20-JUL-2010 04:12:06	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43846	No
55	GOM_TRA_1PNPDE20100720_041337_000000522091_00205_43846_8133.N1	20-JUL-2010 04:13:37	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43846	No
56	GOM_TRA_1PNPDE20100720_041507_000000492091_00205_43846_8134.N1	20-JUL-2010 04:15:07	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43846	No
57	GOM_TRA_1PNPDE20100720_041820_000000492091_00205_43846_8135.N1	20-JUL-2010 04:18:20	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43846	No
58	GOM_TRA_1PNPDE20100720_043720_000000372091_00205_43846_8136.N1	20-JUL-2010 04:37:20	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43846	No
59	GOM_TRA_1PNPDE20100720_044423_000000362091_00205_43846_8137.N1	20-JUL-2010 04:44:23	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	43846	No
60	GOM_TRA_1PNPDE20100720_044720_000000412091_00205_43846_8138.N1	20-JUL-2010 04:47:20	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43846	No
61	GOM_TRA_1PNPDE20100720_044921_000000482091_00205_43846_8139.N1	20-JUL-2010 04:49:21	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43846	No
62	GOM_TRA_1PNPDE20100720_045426_000000412091_00205_43846_8140.N1	20-JUL-2010 04:54:26	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43846	No
63	GOM_TRA_1PNPDE20100720_050317_000000482091_00205_43846_8138.N1	20-JUL-2010 05:03:17	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43846	No
64	GOM_TRA_1PNPDE20100720_050838_000000432091_00205_43846_8139.N1	20-JUL-2010 05:08:38	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43846	No
65	GOM_TRA_1PNPDE20100720_051003_000000622091_00205_43846_8140.N1	20-JUL-2010 05:10:03	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	43846	No
66	GOM_TRA_1PNPDE20100720_051304_000000532091_00205_43846_8141.N1	20-JUL-2010 05:13:04	Bright	52.500	79	26Bet Per	2.3100	13100.	105	43846	No
67	GOM_TRA_1PNPDE20100720_051607_000000462091_00205_43846_8142.N1	20-JUL-2010 05:16:07	Tw_i_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43846	No
68	GOM_TRA_1PNPDE20100720_051849_000000432091_00205_43846_8143.N1	20-JUL-2010 05:18:49	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43846	No

69	GOM_TRA_1PNPDE20100720_052023_000000482091_00205_43846_8144.N1	20-JUL-2010 05:20:23	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	43846	No
70	GOM_TRA_1PNPDE20100720_052719_000000482091_00205_43846_8145.N1	20-JUL-2010 05:27:19	Dark	48.000	94	92Alp Cet	2.5260	3100.0	96	43846	No
71	GOM_TRA_1PNPDE20100720_053005_000000482091_00205_43846_8146.N1	20-JUL-2010 05:30:05	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43846	No
72	GOM_TRA_1PNPDE20100720_053914_000000442091_00205_43846_8147.N1	20-JUL-2010 05:39:14	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43846	No
73	GOM_TRA_1PNPDE20100720_054518_000000552091_00206_43847_8148.N1	20-JUL-2010 05:45:18	Dark	54.500	9	Alp Eri	0.45300	24000.	109	43847	No
74	GOM_TRA_1PNPDE20100720_054846_000000582091_00206_43847_8149.N1	20-JUL-2010 05:48:46	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43847	No
75	GOM_TRA_1PNPDE20100720_055242_000000432091_00206_43847_8150.N1	20-JUL-2010 05:52:42	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43847	No
76	GOM_TRA_1PNPDE20100720_055414_000000622091_00206_43847_8151.N1	20-JUL-2010 05:54:14	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43847	No
77	GOM_TRA_1PNPDE20100720_055543_000000472091_00206_43847_8152.N1	20-JUL-2010 05:55:43	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43847	No
78	GOM_TRA_1PNPDE20100720_055856_000000502091_00206_43847_8153.N1	20-JUL-2010 05:58:56	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43847	No
79	GOM_TRA_1PNPDE20100720_061756_000000372091_00206_43847_8154.N1	20-JUL-2010 06:17:56	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	43847	No
80	GOM_TRA_1PNPDE20100720_062459_000000422091_00206_43847_8155.N1	20-JUL-2010 06:24:59	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43847	No
81	GOM_TRA_1PNPDE20100720_062755_000000422091_00206_43847_8156.N1	20-JUL-2010 06:27:55	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43847	No
82	GOM_TRA_1PNPDE20100720_062957_000000502091_00206_43847_8157.N1	20-JUL-2010 06:29:57	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43847	No
83	GOM_TRA_1PNPDE20100720_063501_000000402091_00206_43847_8158.N1	20-JUL-2010 06:35:01	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	43847	No
84	GOM_TRA_1PNPDE20100720_210426_000000512091_00215_43856_8265.N1	20-JUL-2010 21:04:26	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43856	Yes
85	GOM_TRA_1PNPDE20100720_212214_000000442091_00215_43856_8266.N1	20-JUL-2010 21:22:14	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	43856	No
86	GOM_TRA_1PNPDE20100720_213022_000000372091_00215_43856_8267.N1	20-JUL-2010 21:30:22	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43856	No
87	GOM_TRA_1PNPDE20100720_213315_000000412091_00215_43856_8268.N1	20-JUL-2010 21:33:15	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43856	No
88	GOM_TRA_1PNPDE20100720_213514_000000512091_00215_43856_8269.N1	20-JUL-2010 21:35:14	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	43856	No
89	GOM_TRA_1PNPDE20100720_214020_000000442091_00215_43856_8270.N1	20-JUL-2010 21:40:20	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43856	No
90	GOM_TRA_1PNPDE20100720_214910_000000502091_00215_43856_8271.N1	20-JUL-2010 21:49:10	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43856	No
91	GOM_TRA_1PNPDE20100720_215436_000000442091_00215_43856_8272.N1	20-JUL-2010 21:54:36	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43856	No
92	GOM_TRA_1PNPDE20100720_215601_000000462091_00215_43856_8273.N1	20-JUL-2010 21:56:01	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43856	No
93	GOM_TRA_1PNPDE20100720_215903_000000532091_00215_43856_8274.N1	20-JUL-2010 21:59:03	Bright	52.500	79	26Bet Per	2.3100	13100.	105	43856	No
94	GOM_TRA_1PNPDE20100720_220208_000000442091_00215_43856_8275.N1	20-JUL-2010 22:02:08	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43856	No
95	GOM_TRA_1PNPDE20100720_220450_000000492091_00215_43856_8276.N1	20-JUL-2010 22:04:50	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43856	No
96	GOM_TRA_1PNPDE20100720_220625_000000542091_00215_43856_8277.N1	20-JUL-2010 22:06:25	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43856	No
97	GOM_TRA_1PNPDE20100720_221611_000000482091_00215_43856_8296.N1	20-JUL-2010 22:16:11	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43856	No
98	GOM_TRA_1PNPDE20100720_222521_000000432091_00215_43856_8297.N1	20-JUL-2010 22:25:21	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43856	No
99	GOM_TRA_1PNPDE20100720_223124_000000432091_00216_43857_8298.N1	20-JUL-2010 22:31:24	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43857	No
100	GOM_TRA_1PNPDE20100720_223456_000000522091_00216_43857_8299.N1	20-JUL-2010 22:34:56	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43857	No
101	GOM_TRA_1PNPDE20100720_223847_000000432091_00216_43857_8300.N1	20-JUL-2010 22:38:47	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43857	No
102	GOM_TRA_1PNPDE20100720_224021_000000592091_00216_43857_8301.N1	20-JUL-2010 22:40:21	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	43857	No
103	GOM_TRA_1PNPDE20100720_224149_000000452091_00216_43857_8302.N1	20-JUL-2010 22:41:49	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	43857	No
104	GOM_TRA_1PNPDE20100720_224502_000000502091_00216_43857_8303.N1	20-JUL-2010 22:45:02	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43857	No
105	GOM_TRA_1PNPDE20100720_230250_000000432091_00216_43857_8304.N1	20-JUL-2010 23:02:50	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43857	No
106	GOM_TRA_1PNPDE20100720_231057_000000402091_00216_43857_8305.N1	20-JUL-2010 23:10:57	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43857	No
107	GOM_TRA_1PNPDE20100720_231350_000000402091_00216_43857_8306.N1	20-JUL-2010 23:13:50	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43857	No
108	GOM_TRA_1PNPDE20100720_231549_000000502091_00216_43857_8307.N1	20-JUL-2010 23:15:49	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43857	No
109	GOM_TRA_1PNPDE20100720_232055_000000452091_00216_43857_8308.N1	20-JUL-2010 23:20:55	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43857	No
110	GOM_TRA_1PNPDE20100720_232945_000000492091_00216_43857_8309.N1	20-JUL-2010 23:29:45	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43857	No
111	GOM_TRA_1PNPDE20100720_233511_000000452091_00216_43857_8310.N1	20-JUL-2010 23:35:11	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43857	No
112	GOM_TRA_1PNPDE20100720_233637_000000452091_00216_43857_8311.N1	20-JUL-2010 23:36:37	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43857	No
113	GOM_TRA_1PNPDE20100720_233939_000000482091_00216_43857_8312.N1	20-JUL-2010 23:39:39	Bright	48.000	79	26Bet Per	2.3100	13100.	96	43857	No
114	GOM_TRA_1PNPDE20100720_234244_000000492091_00216_43857_8313.N1	20-JUL-2010 23:42:44	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	43857	No
115	GOM_TRA_1PNPDE20100720_234527_000000482091_00216_43857_8314.N1	20-JUL-2010 23:45:27	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43857	No
116	GOM_TRA_1PNPDE20100720_234702_000000482091_00216_43857_8315.N1	20-JUL-2010 23:47:02	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	43857	No
117	GOM_TRA_1PNPDE20100720_235647_000000442091_00216_43857_8316.N1	20-JUL-2010 23:56:47	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43857	No

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



4. Overview of dark signal processing per product

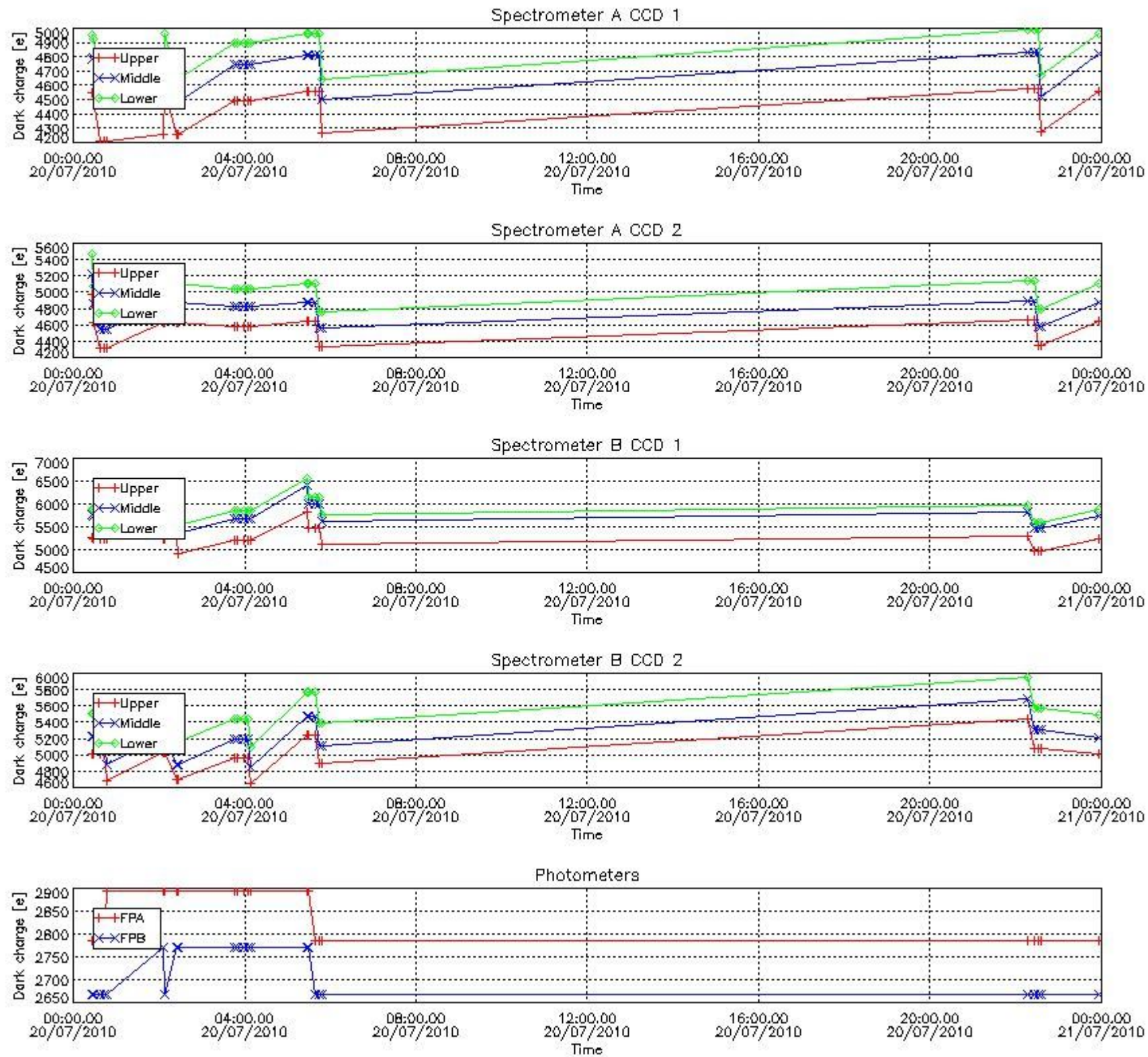
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100720_210426_000000512091_00215_43856_8265.N1	DC map with no T dep.
GOM_TRA_1PNPDE20100720_212214_000000442091_00215_43856_8266.N1	DC map used
GOM_TRA_1PNPDE20100720_213022_000000372091_00215_43856_8267.N1	DC map used
GOM_TRA_1PNPDE20100720_213315_000000412091_00215_43856_8268.N1	DC map used
GOM_TRA_1PNPDE20100720_213514_000000512091_00215_43856_8269.N1	DC map used
GOM_TRA_1PNPDE20100720_214020_000000442091_00215_43856_8270.N1	DC map used
GOM_TRA_1PNPDE20100720_214910_000000502091_00215_43856_8271.N1	DC map used
GOM_TRA_1PNPDE20100720_215436_000000442091_00215_43856_8272.N1	DC map used
GOM_TRA_1PNPDE20100720_215601_000000462091_00215_43856_8273.N1	DC map used
GOM_TRA_1PNPDE20100720_215903_000000532091_00215_43856_8274.N1	DC map used
GOM_TRA_1PNPDE20100720_220208_000000442091_00215_43856_8275.N1	DC map used
GOM_TRA_1PNPDE20100720_220450_000000492091_00215_43856_8276.N1	DC map used
GOM_TRA_1PNPDE20100720_220625_000000542091_00215_43856_8277.N1	DC map used

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



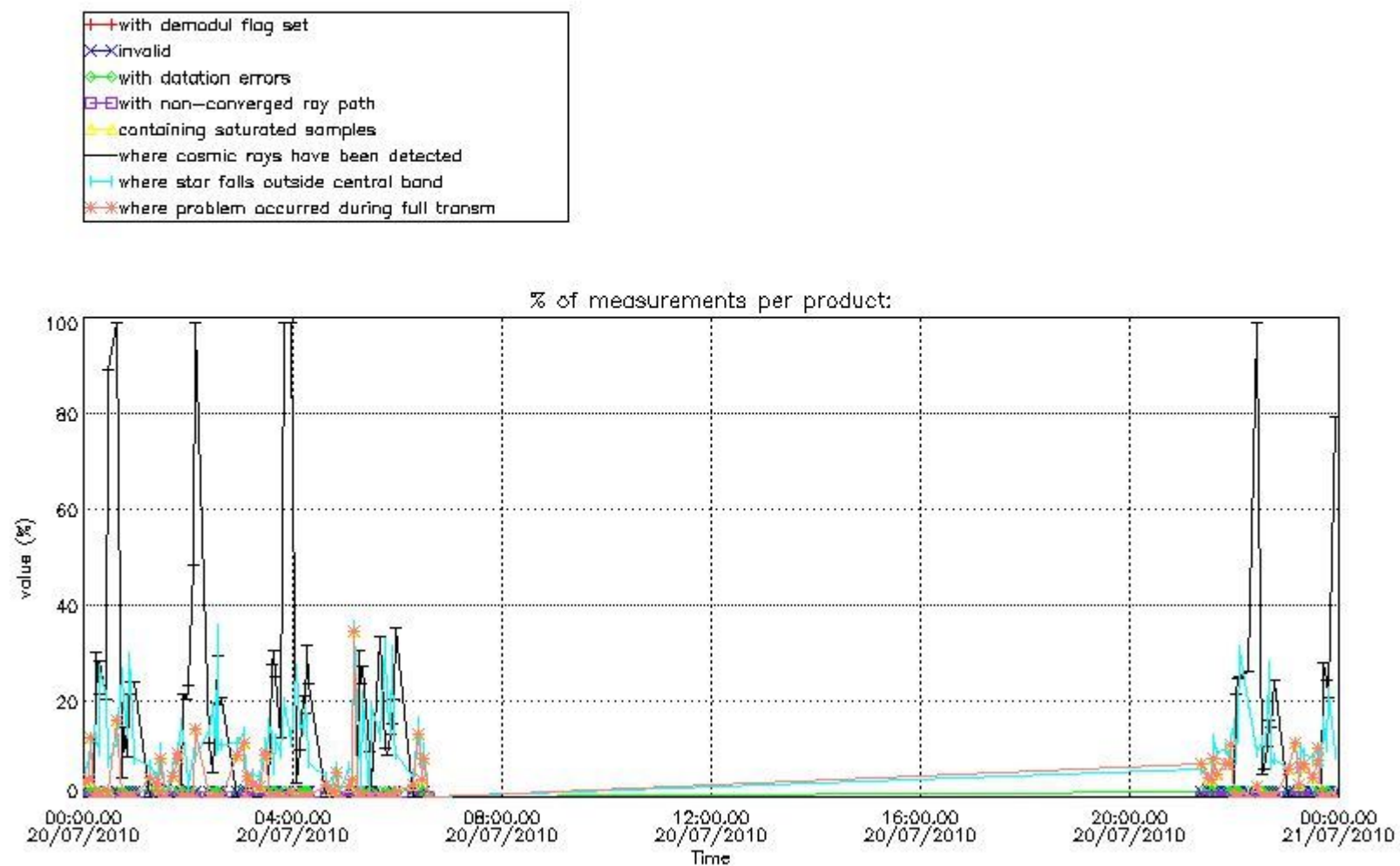
5. Demodulation flag and quality information monitoring

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.

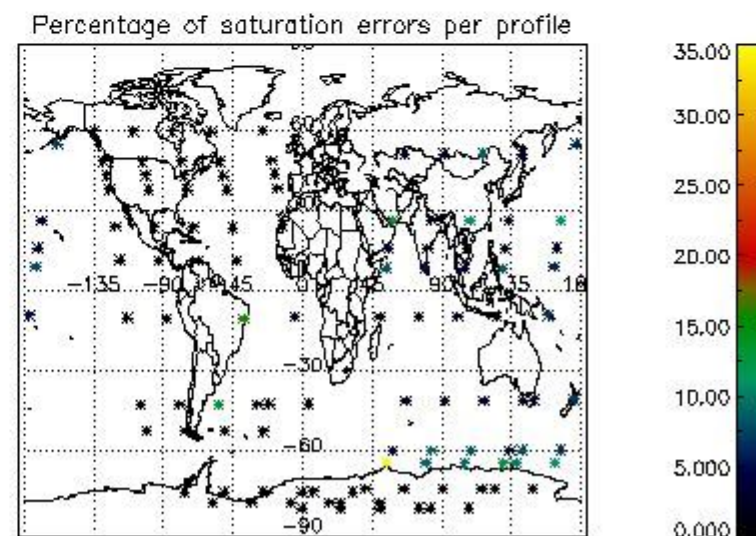
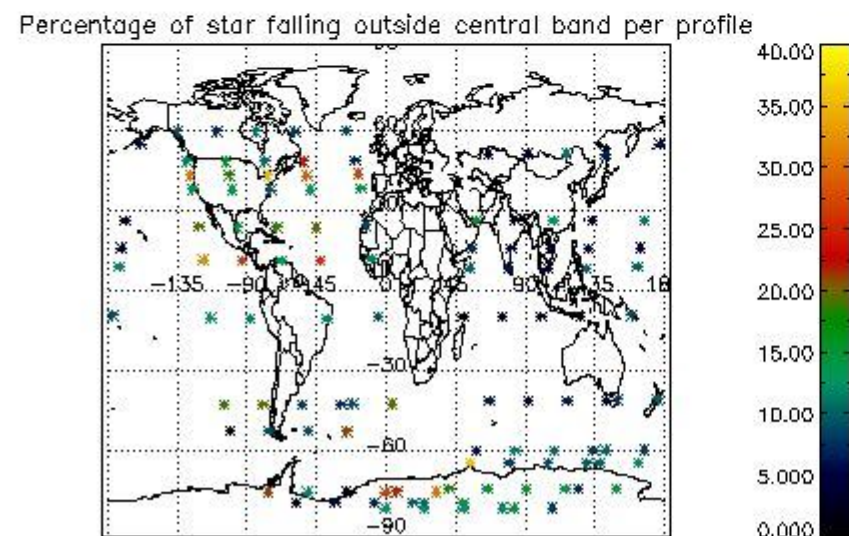
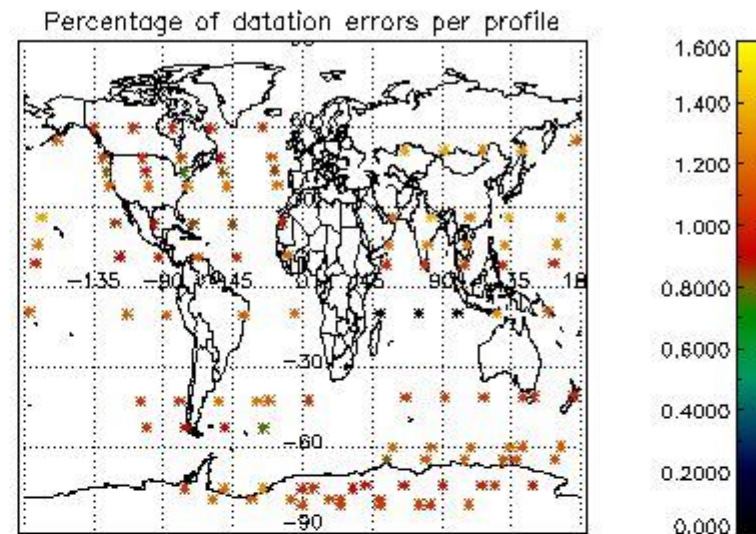
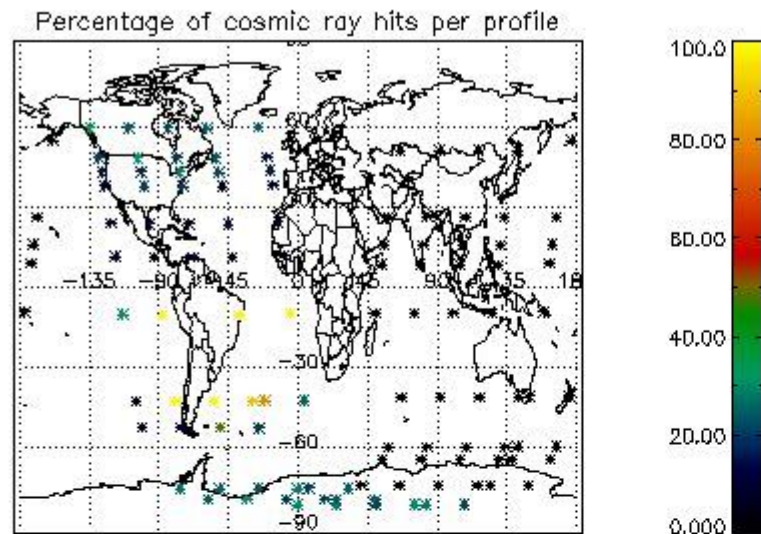
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	45.6897 %
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)



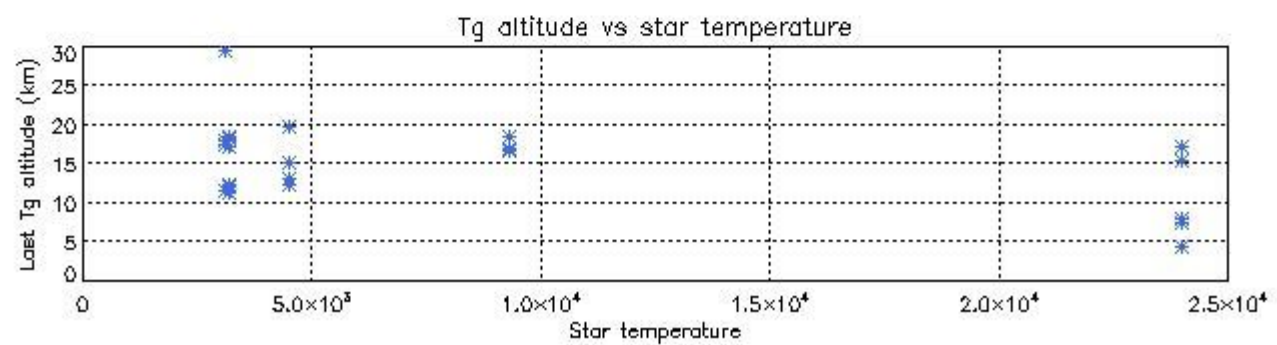
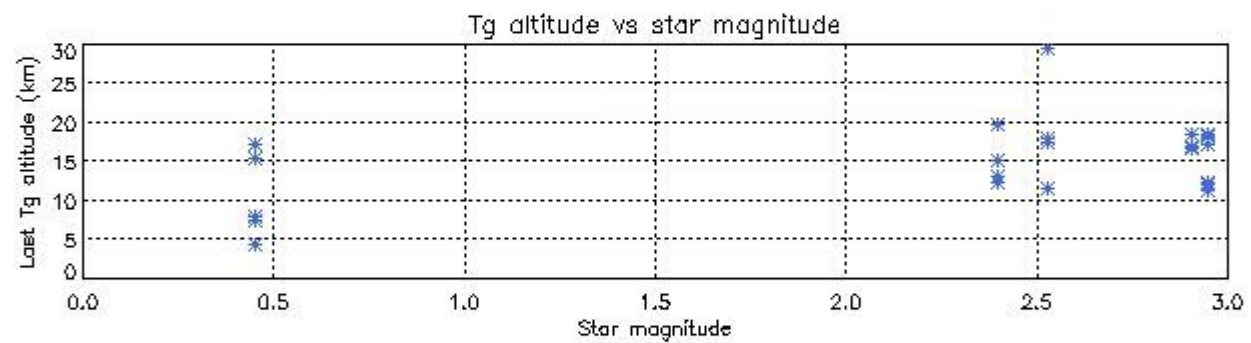
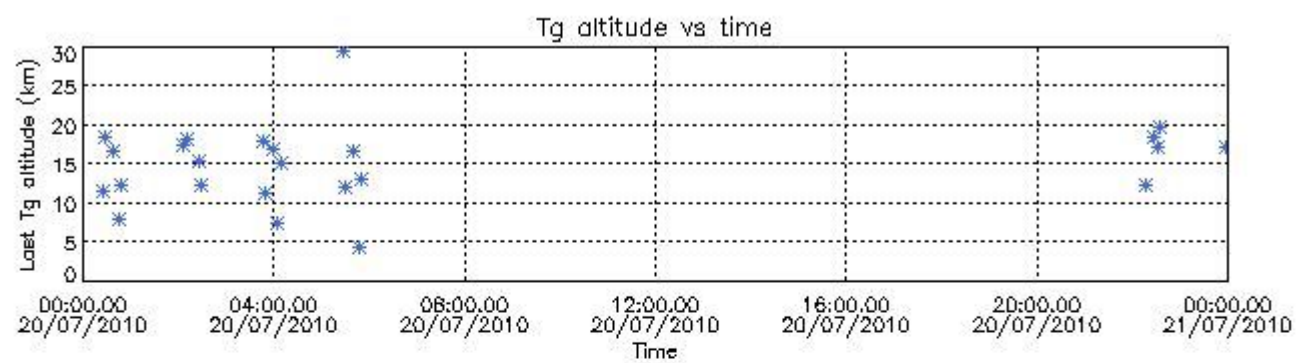
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.966	20.041	14.591
St. deviation:	5.0214	4.1704	5.0926
Maximum:	29.543	30.842	21.612
Minimum:	4.4764	3.9774	6.1004
Number of data:	24.000	54.000	12.000

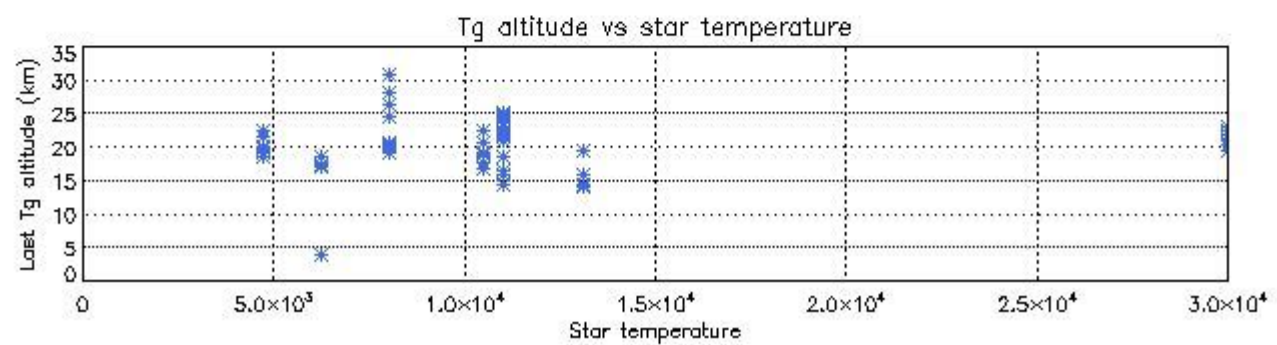
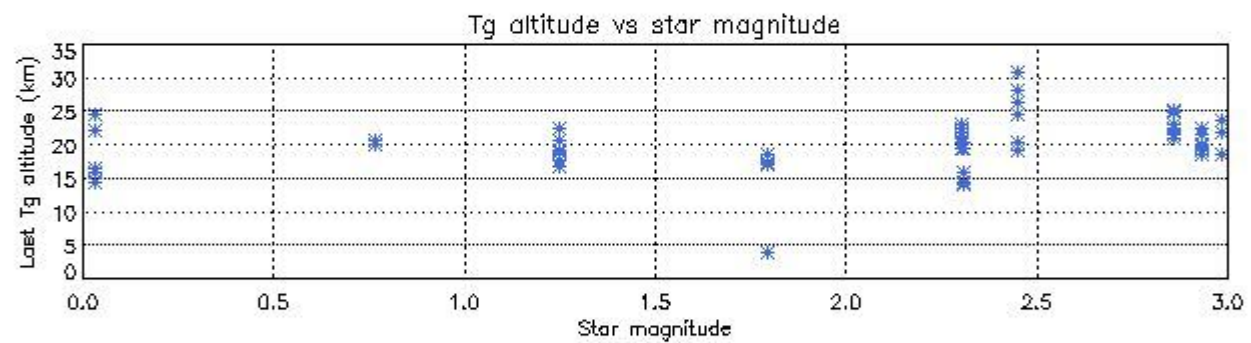
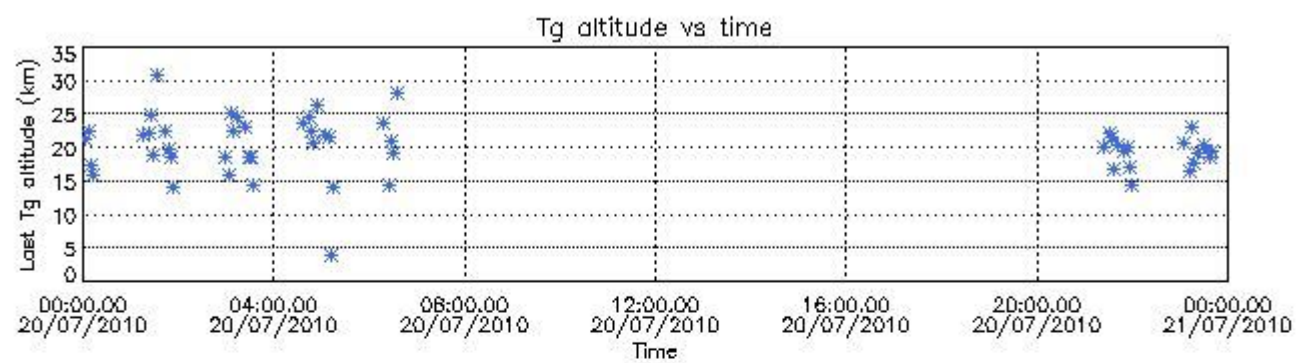
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



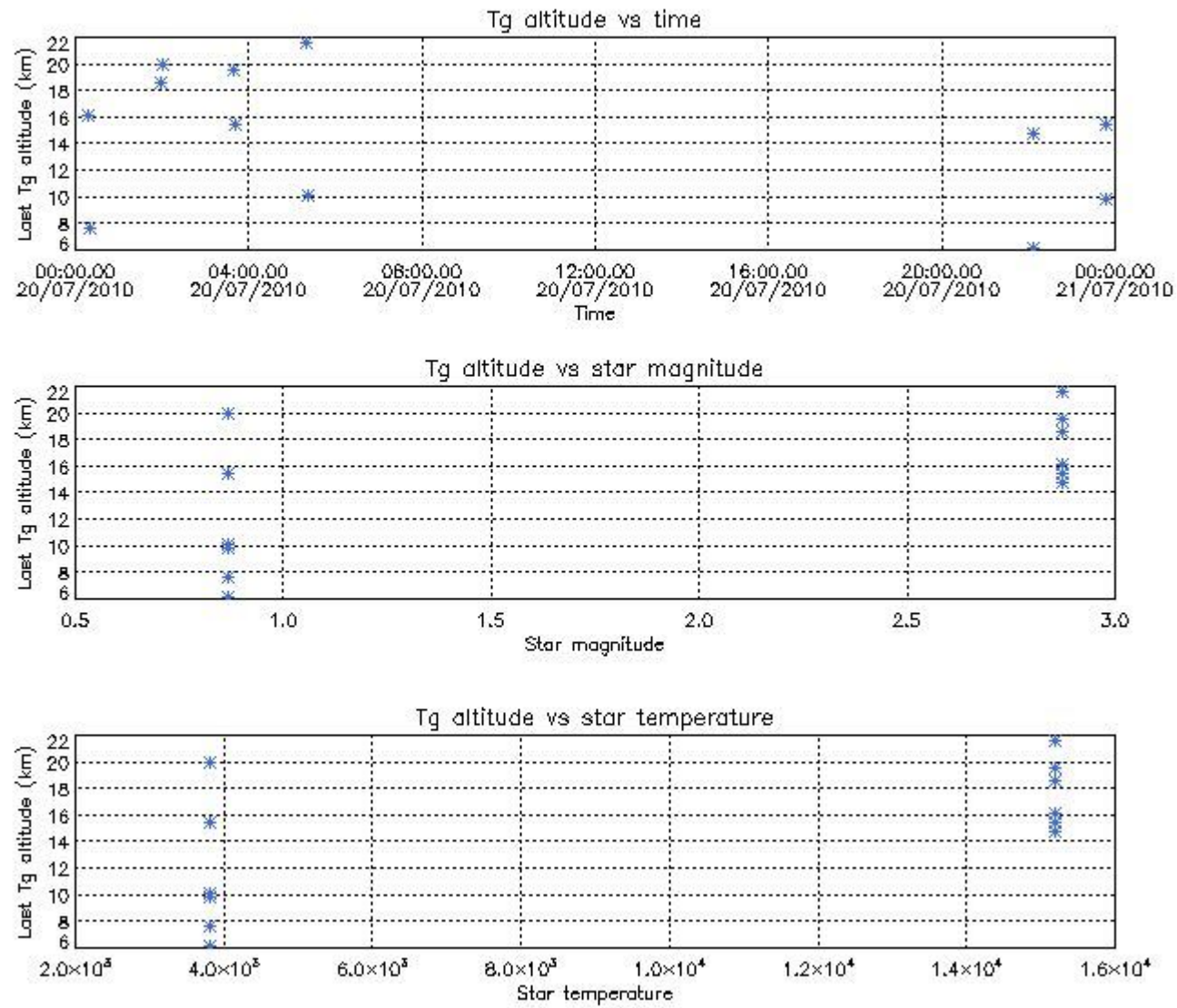
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

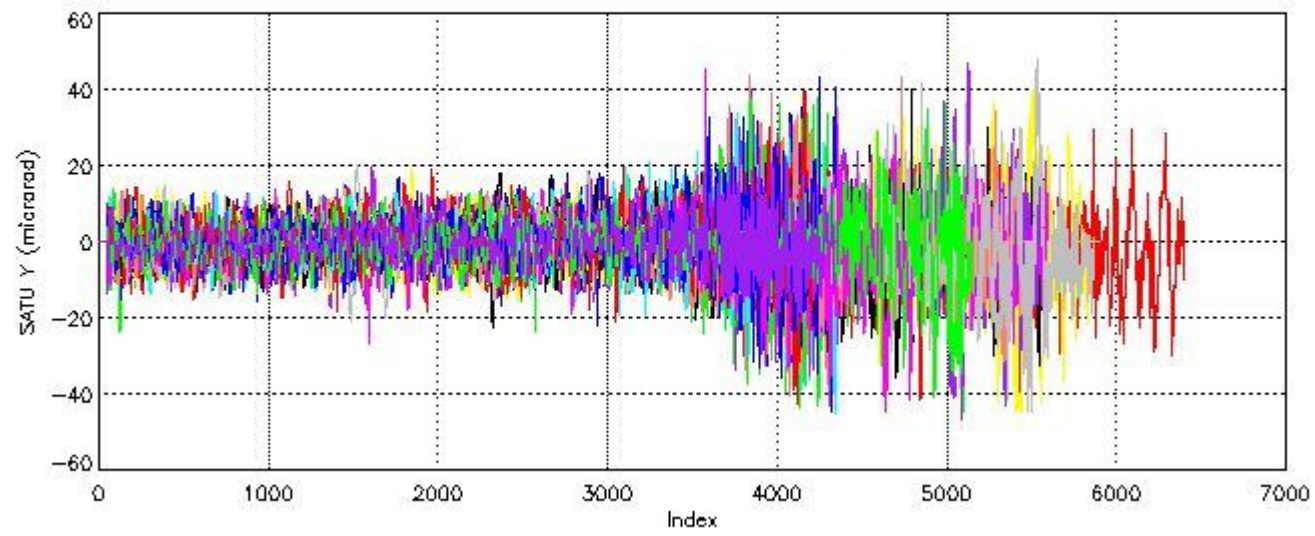
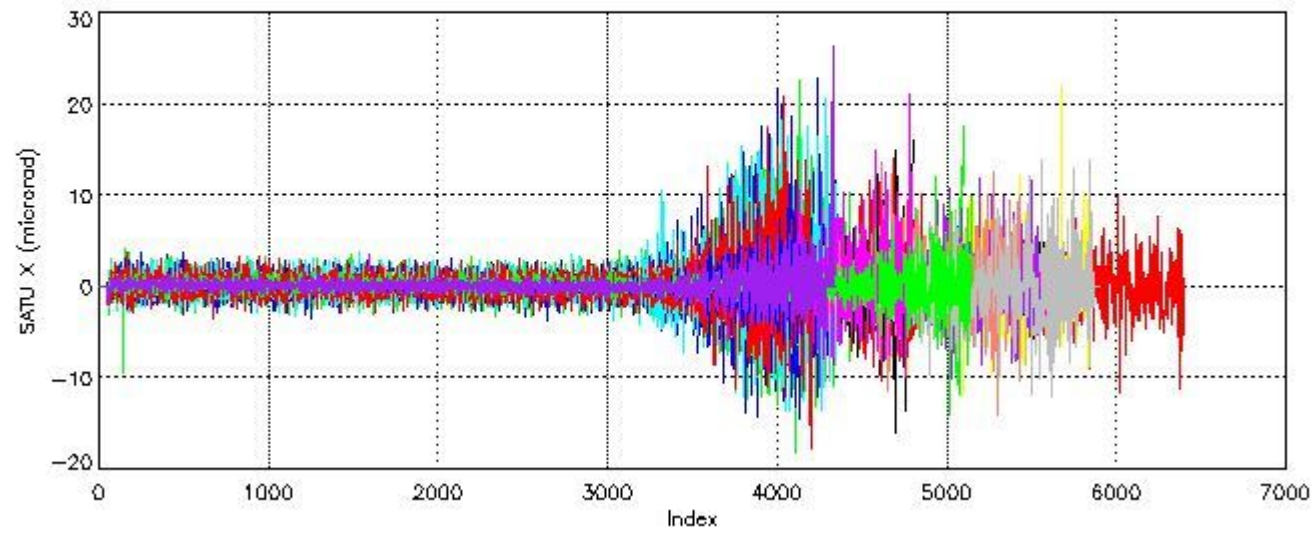


7. Star Acquisition and Tracking Unit (SATU)

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:	0.18235	-0.66329	0.21399	-0.43879
St. deviation:	0.51659	4.4213	0.82501	4.3484
Maximum:	4.1000	14.500	6.1000	20.300
Minimum:	-9.4000	-23.600	-5.7000	-19.800

Number of data:	26200.	26200.	56500.	56500.
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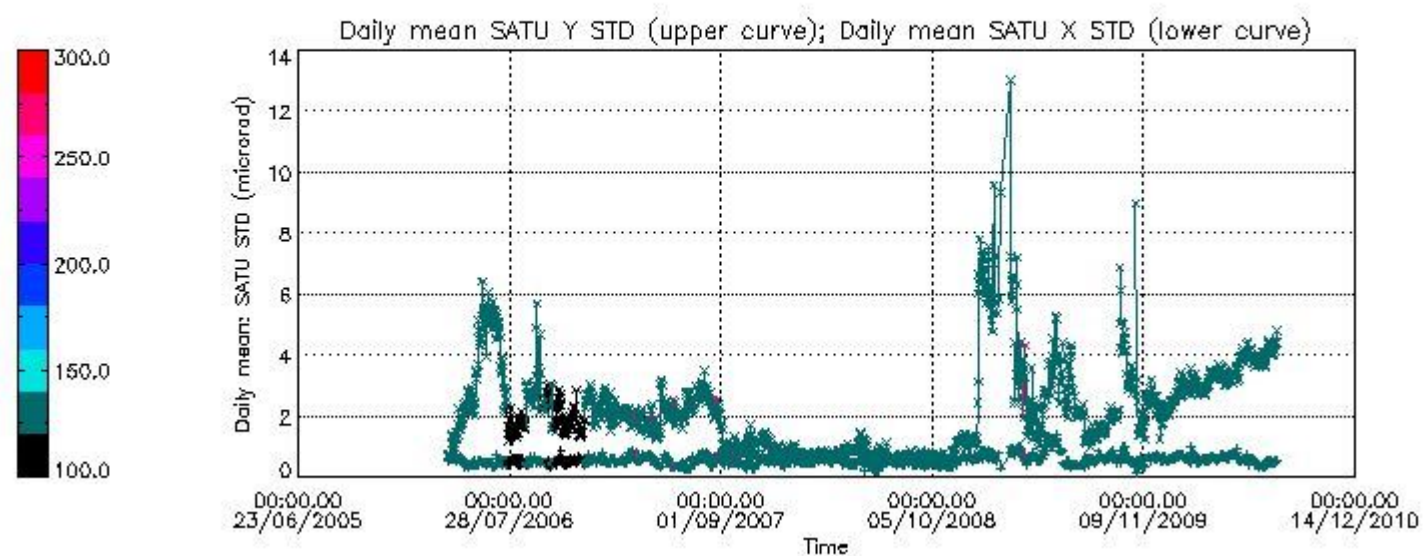
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

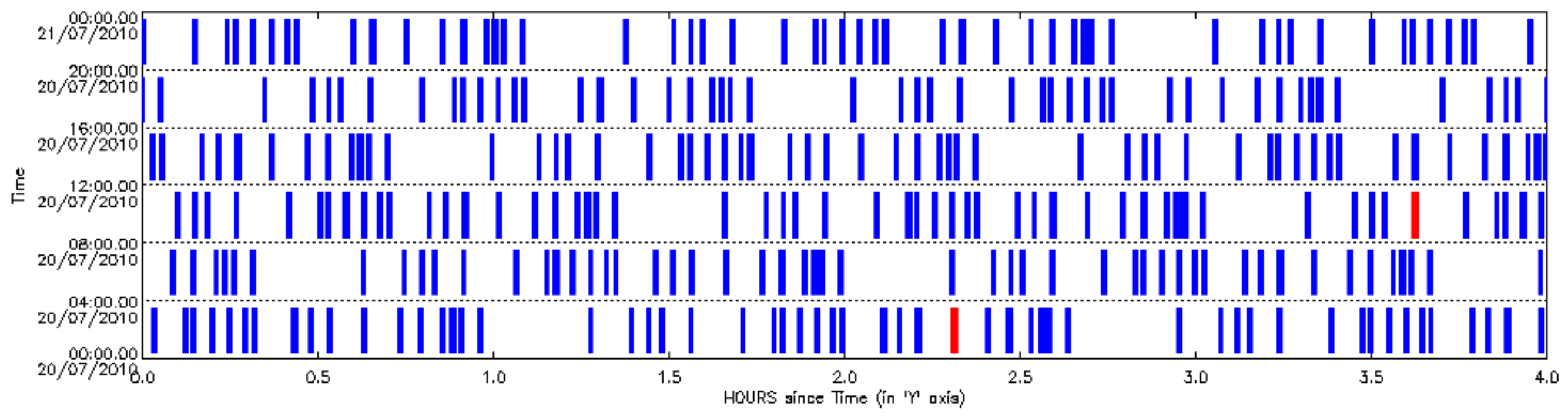
Lower curve: STD of SATU X axis

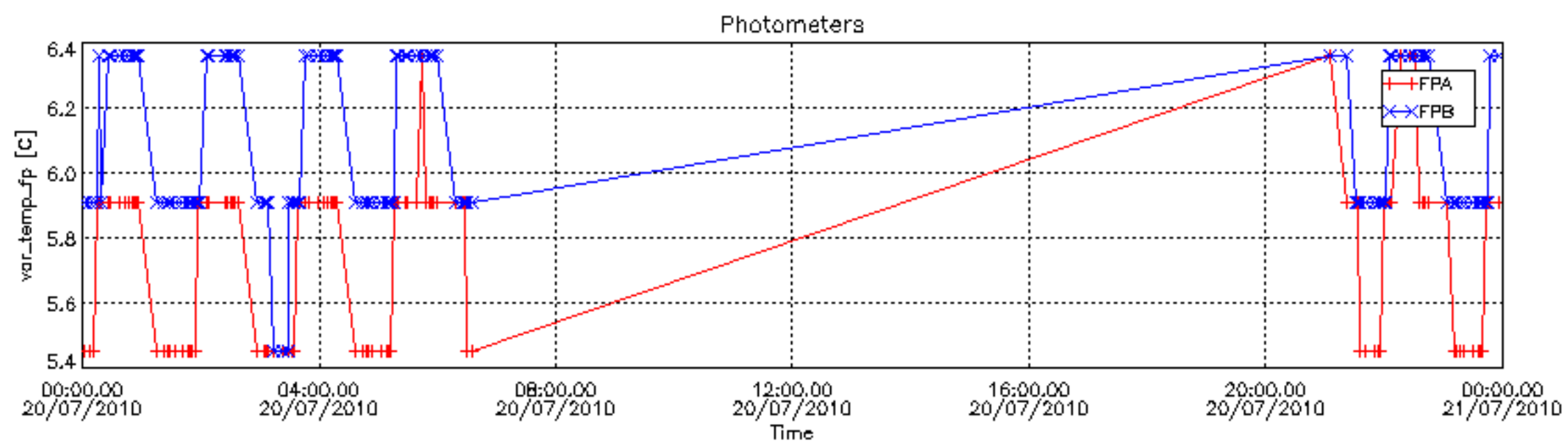
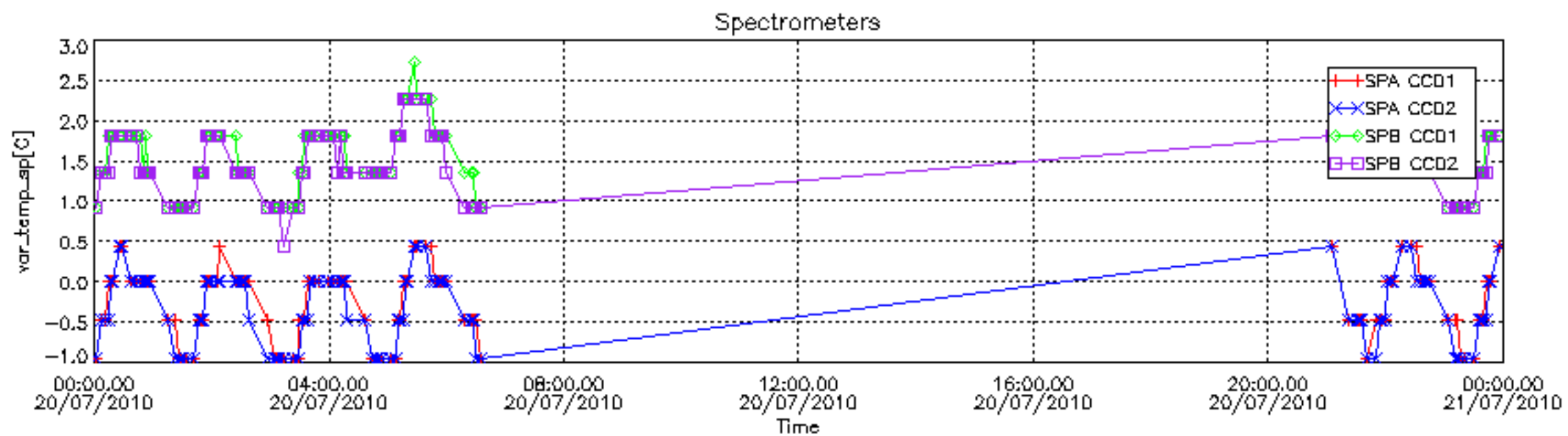


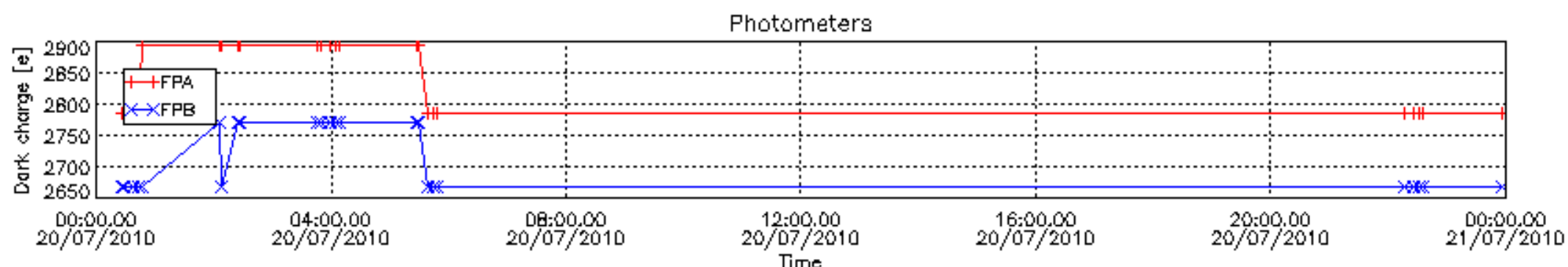
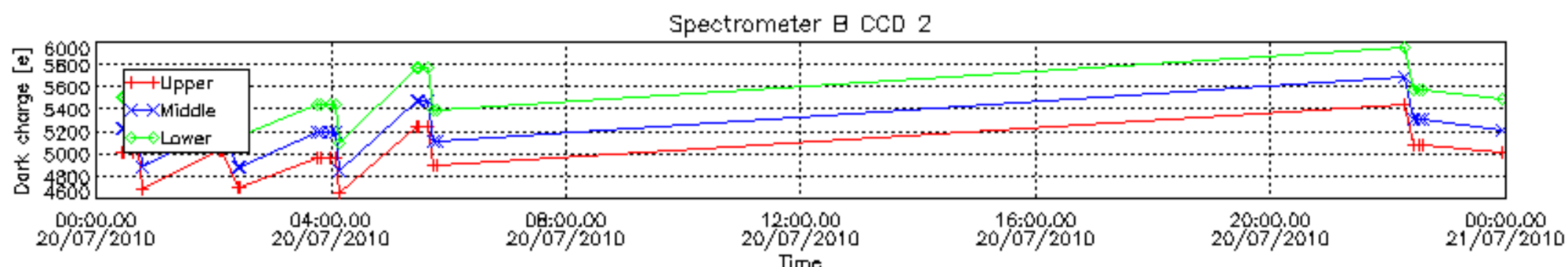
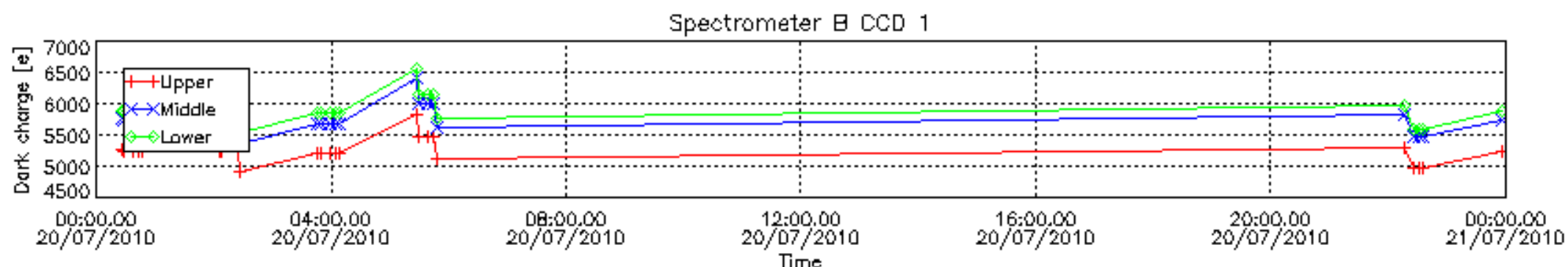
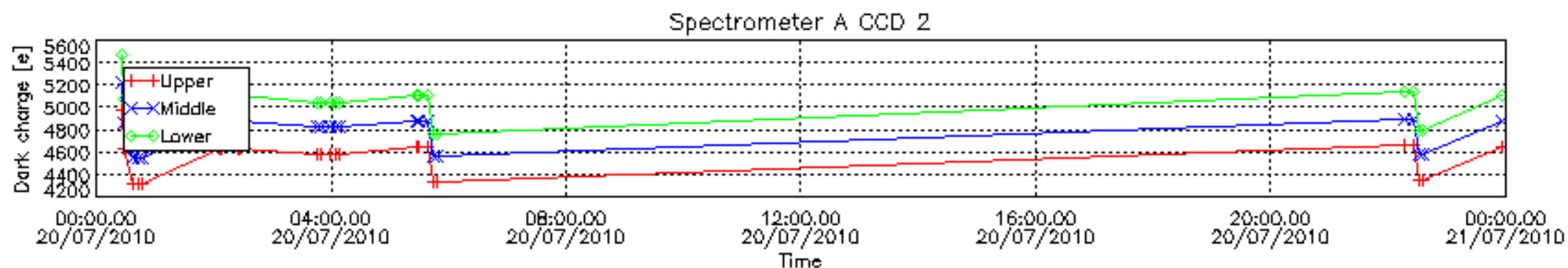
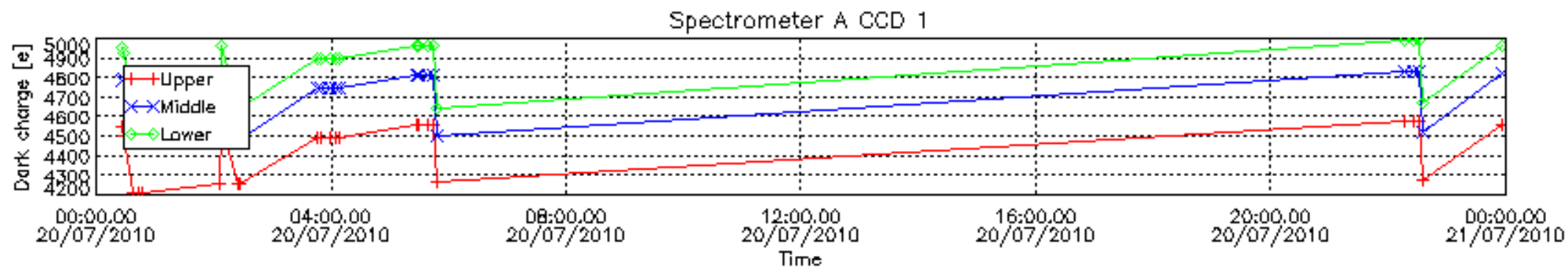
8. Auxiliary Data Files used for the production reported in section 2.4

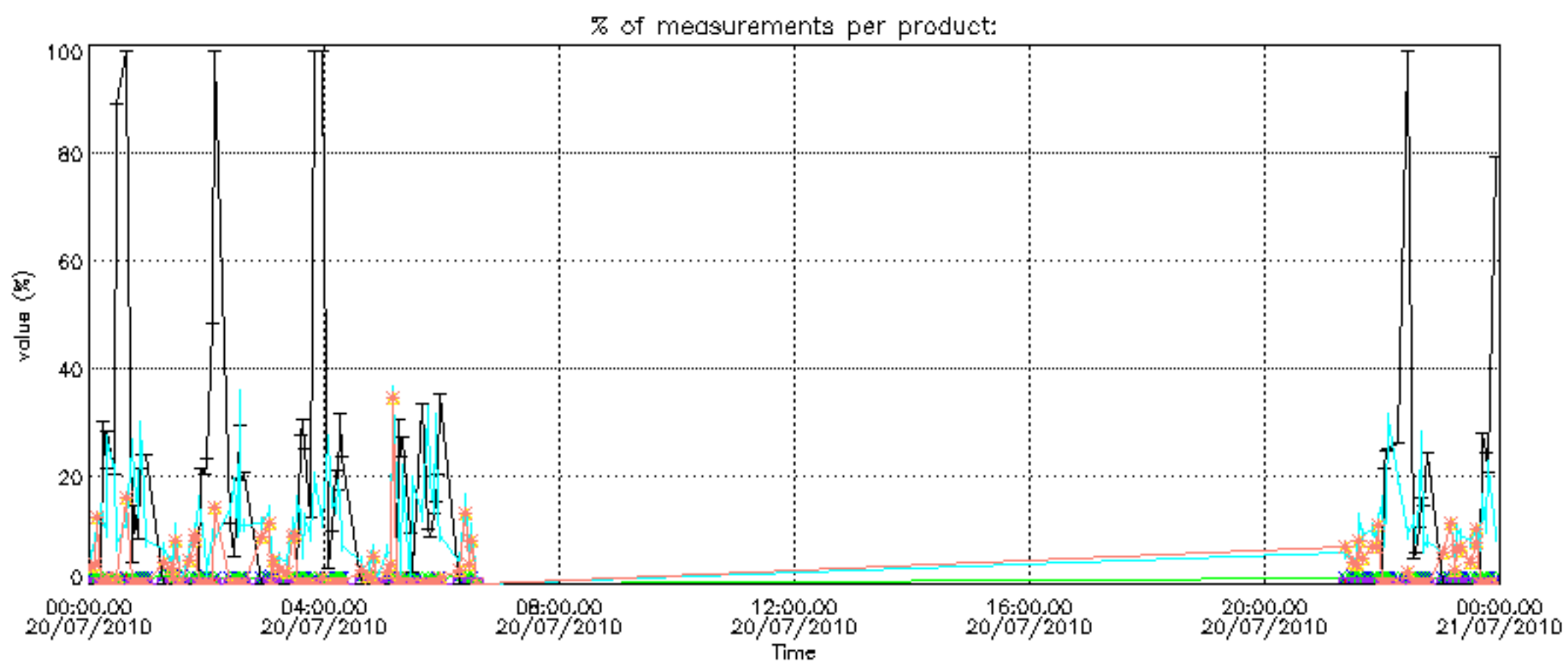
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JUL-2010 00:01:30
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100714_082217_20100712_000000_20500101_000000	1	20-JUL-2010 00:01:30
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100720_095840_20100718_000000_20500101_000000	84	20-JUL-2010 21:04:26
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	20-JUL-2010 00:01:30
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	20-JUL-2010 00:01:30
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	20-JUL-2010 00:01:30
ECMWF_FILE	AUX_ECF_AXNECM20100719_054114_20100719_210000_20100720_090000	1	20-JUL-2010 00:01:30
ECMWF_FILE	AUX_ECF_AXNECM20100719_172113_20100720_030000_20100720_150000	42	20-JUL-2010 03:22:41
ECMWF_FILE	AUX_ECA_AXNECM20100720_052114_20100719_210000_20100720_090000	63	20-JUL-2010 05:03:17
ECMWF_FILE	AUX_ECF_AXNECM20100720_054113_20100720_210000_20100721_090000	84	20-JUL-2010 21:04:26
OPTIONAL_ECMWF_FILE	MISSING	1	20-JUL-2010 00:01:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100719_224702_000057382091_00201_43842_0782.N1	1	20-JUL-2010 00:01:30
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100719_092113_20100718_182932_20100728_213622	9	20-JUL-2010 00:28:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100720_020337_000041442091_00203_43844_0784.N1	29	20-JUL-2010 02:06:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100720_031800_000057382091_00204_43845_0785.N1	42	20-JUL-2010 03:22:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100720_045857_000057382091_00205_43846_0786.N1	63	20-JUL-2010 05:03:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100720_210038_000041442091_00215_43856_0787.N1	84	20-JUL-2010 21:04:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100720_221501_000057382091_00215_43856_0788.N1	97	20-JUL-2010 22:16:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100720_235558_000054192091_00216_43857_0789.N1	117	20-JUL-2010 23:56:47

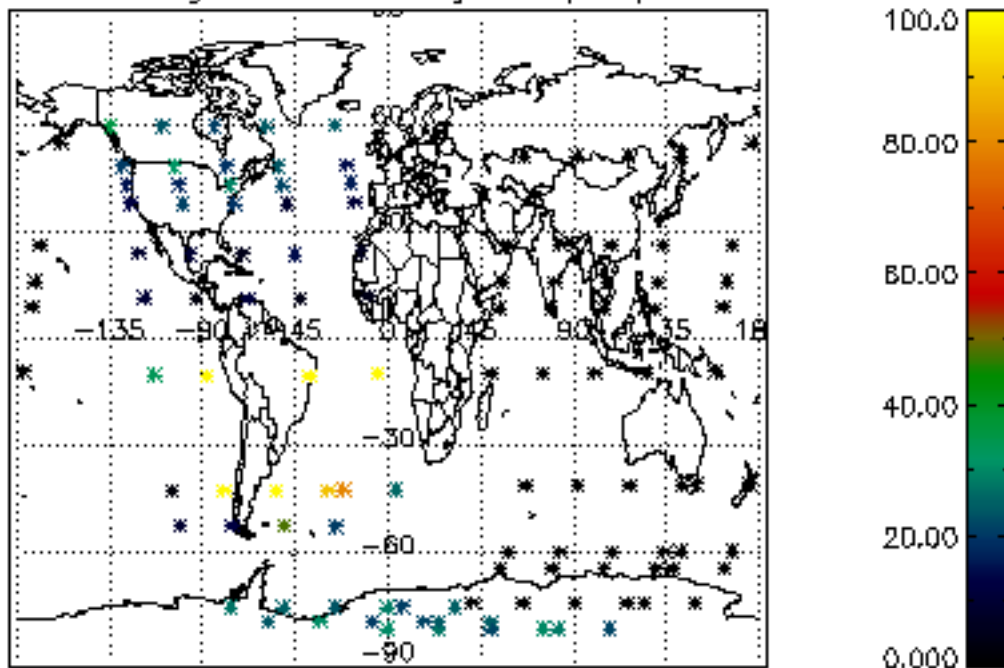




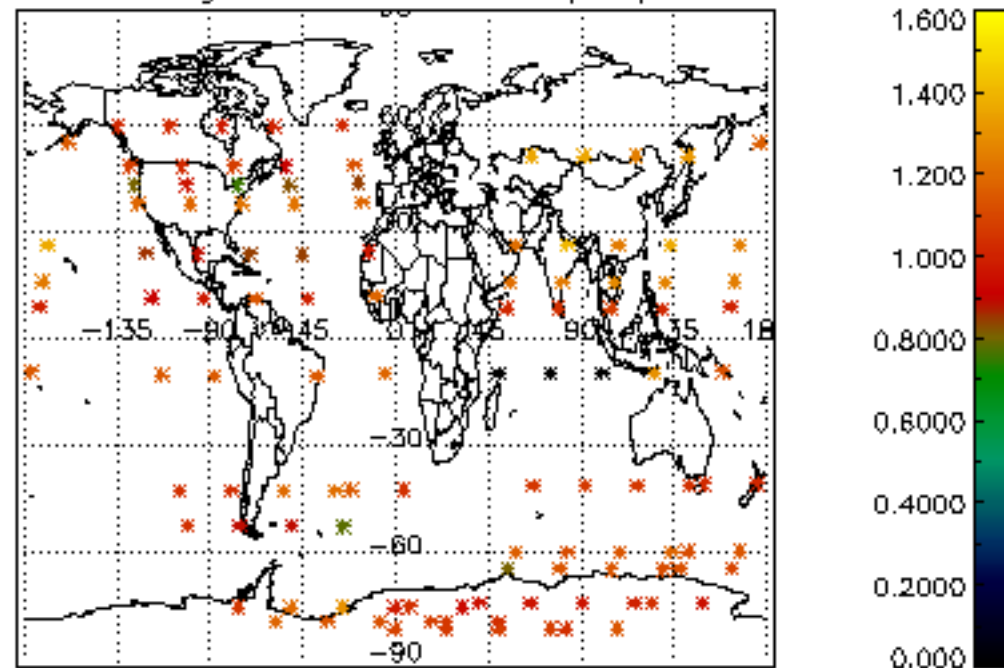




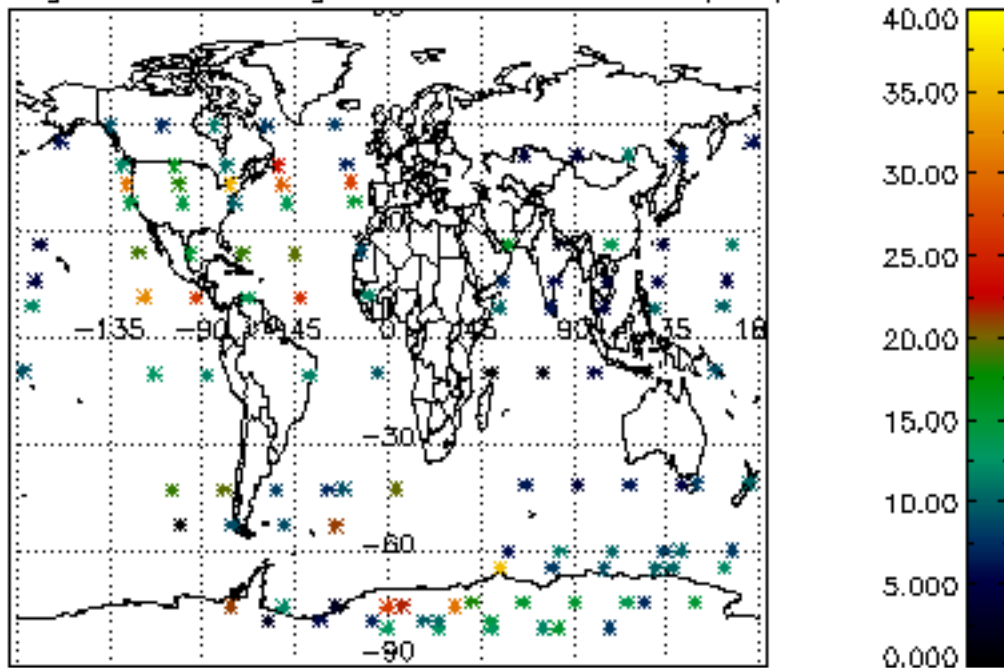
Percentage of cosmic ray hits per profile



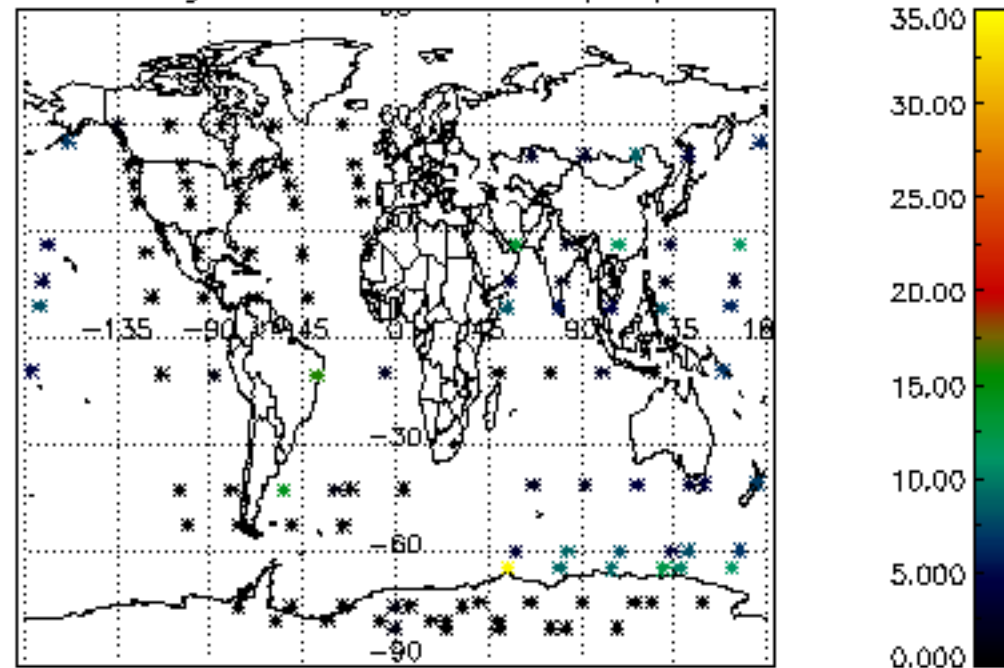
Percentage of datation errors per profile



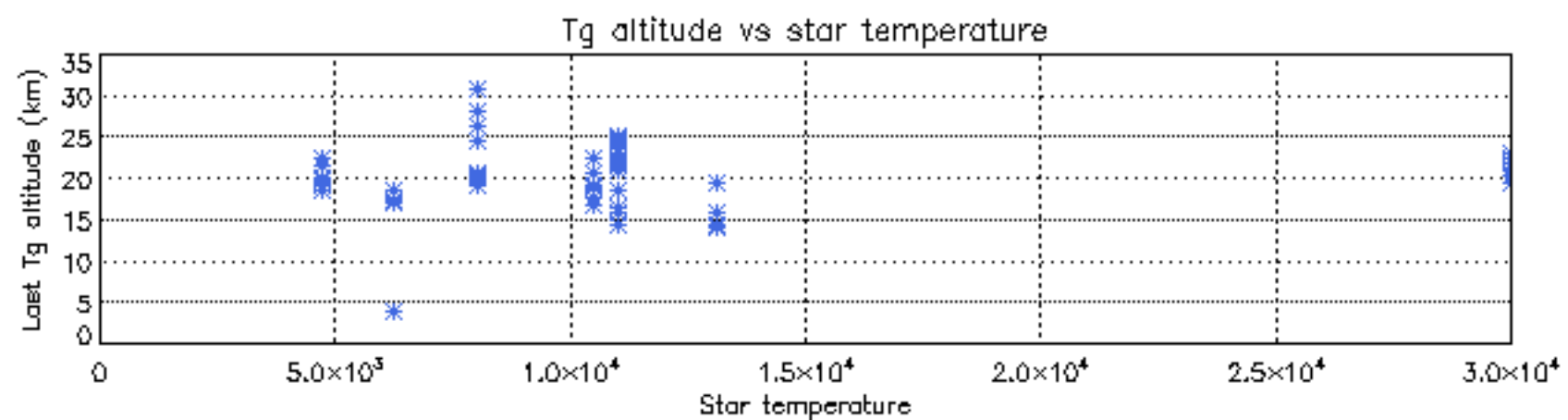
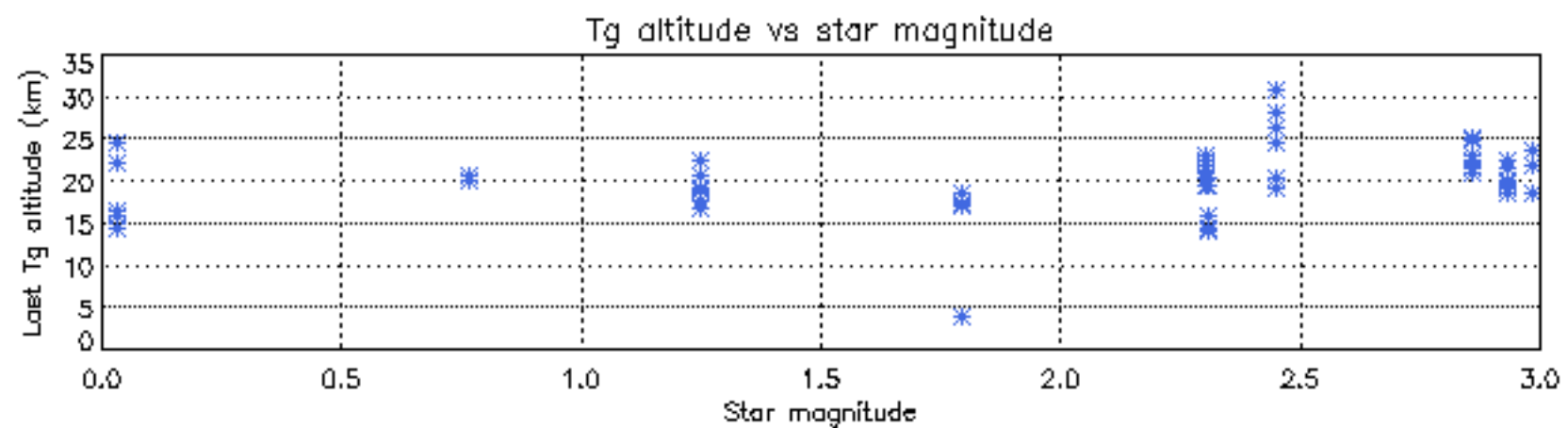
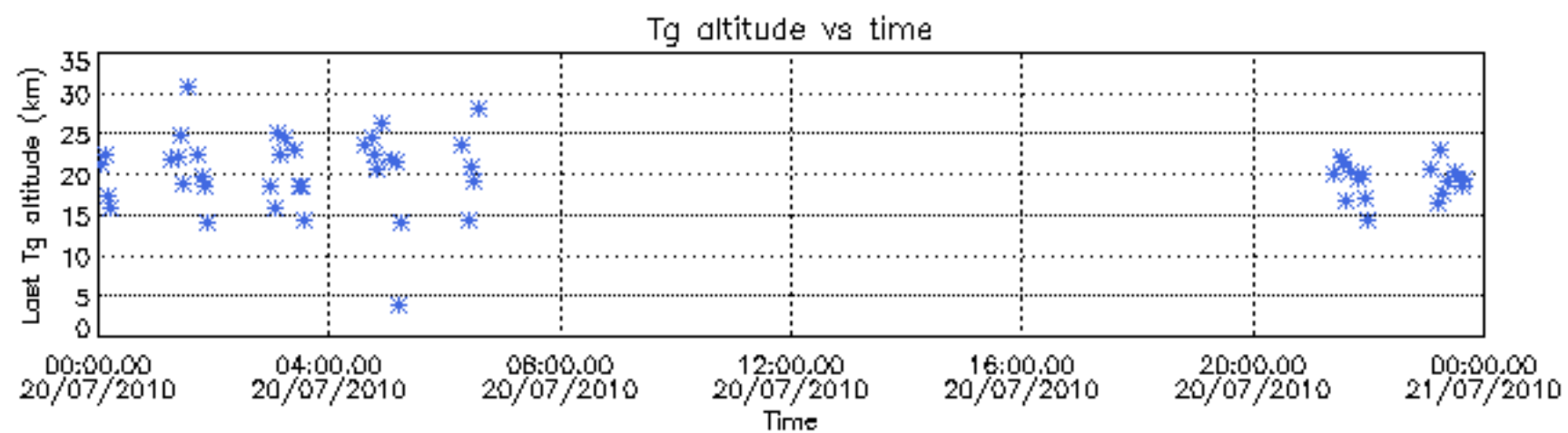
Percentage of star falling outside central band per profile



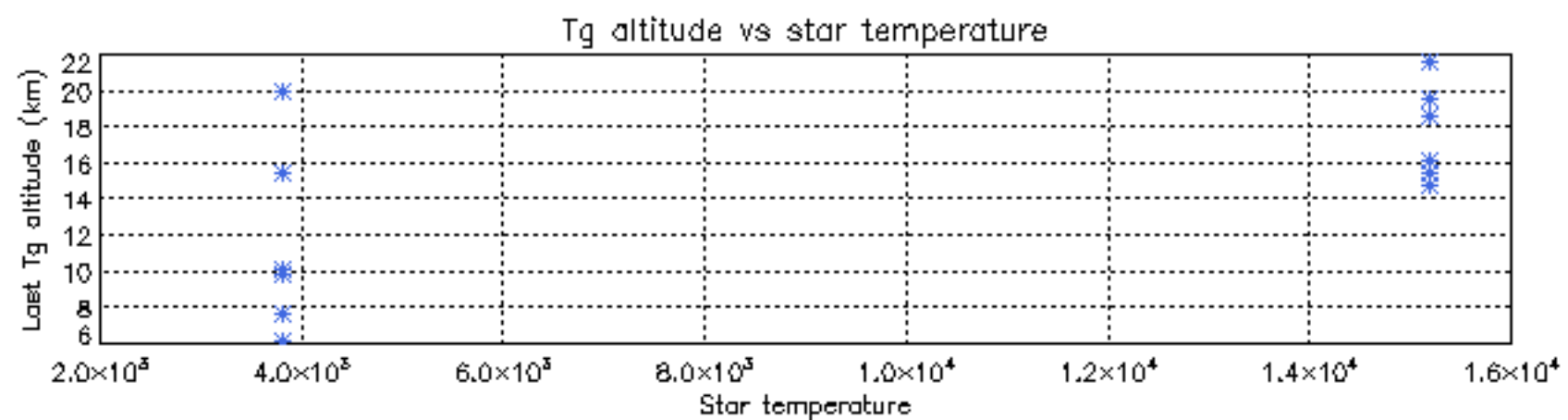
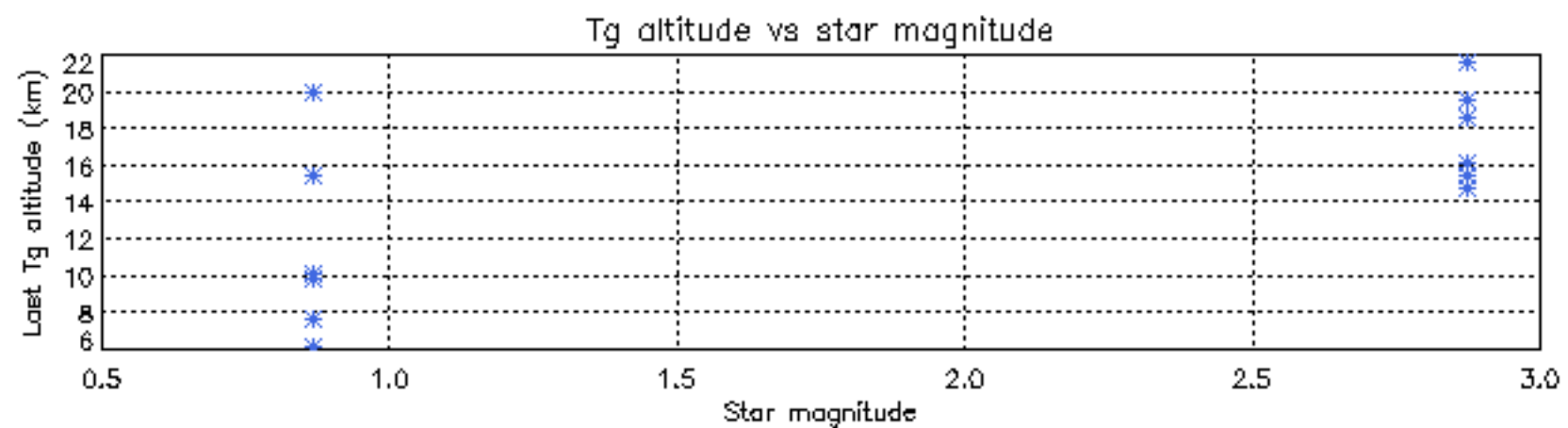
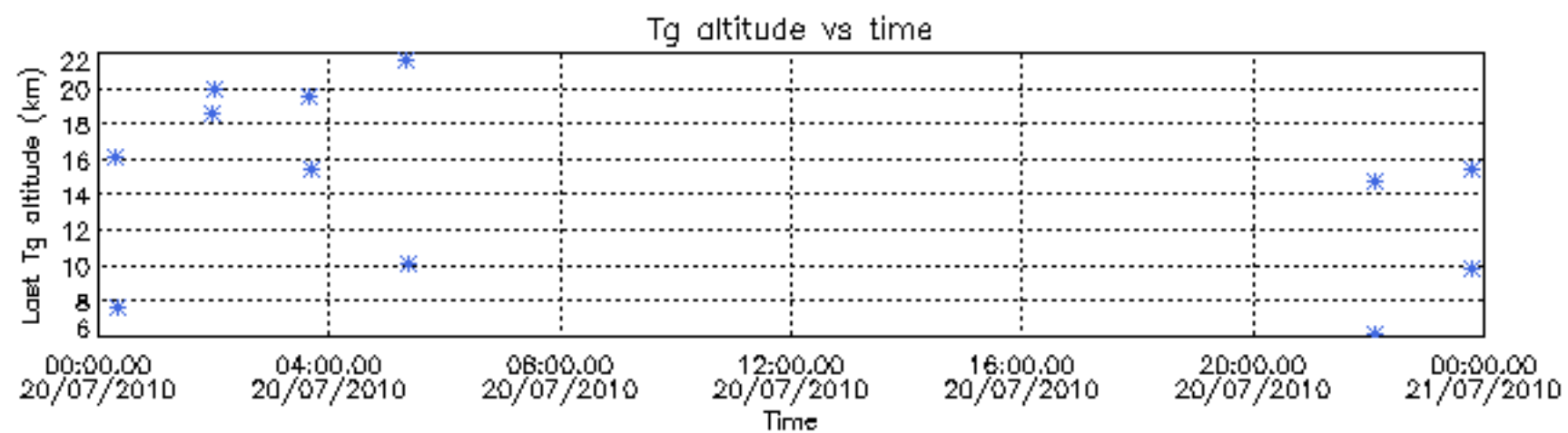
Percentage of saturation errors per profile

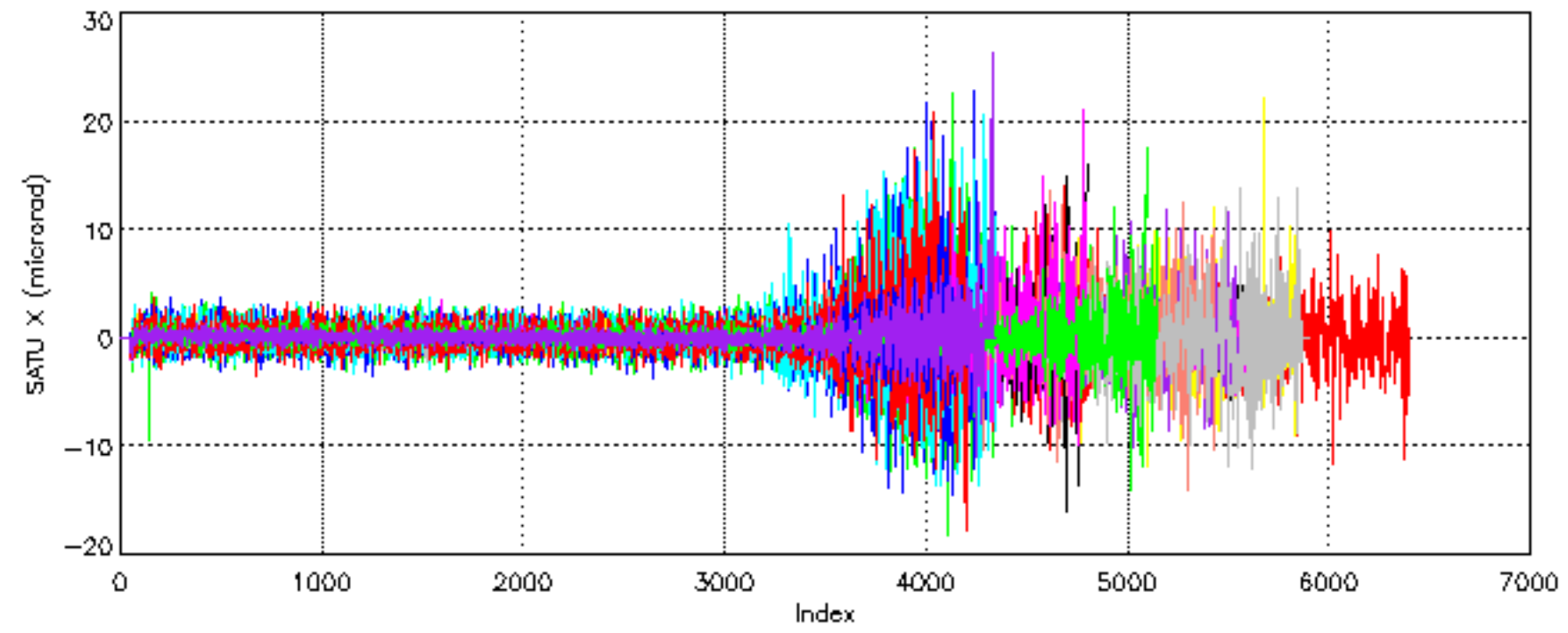


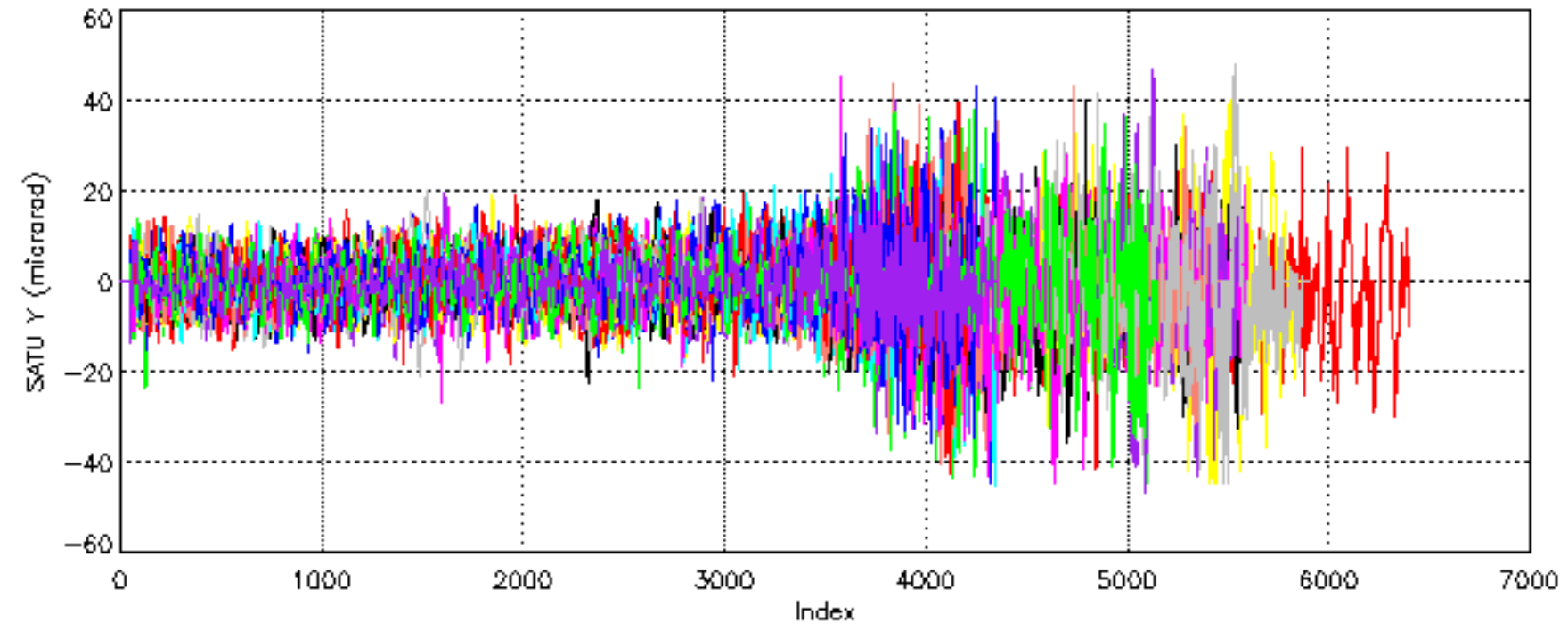
Tangent altitude at which the star is lost

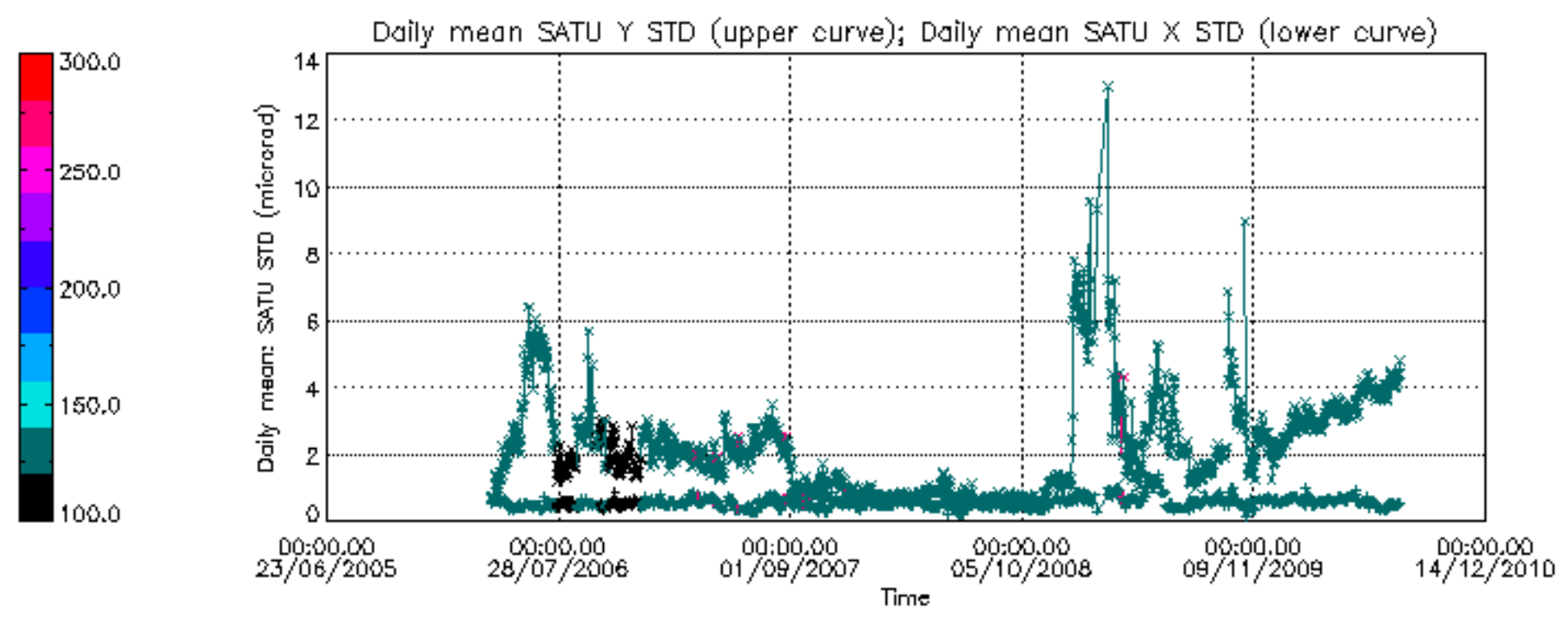


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_002828_000055612090_00431_43571_0355.N1

1; -536.4; 01-JUL-2010 00:28:28; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43571
 2; 94.6; 01-JUL-2010 00:38:59; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;43572
 3; 483.7; 01-JUL-2010 00:45:28; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;43572
 4; 600.1; 01-JUL-2010 00:47:24; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;43572
 5; 743.9; 01-JUL-2010 00:49:48; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43572
 6; 1314.0; 01-JUL-2010 00:59:18; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;43572
 7; 1480.2; 01-JUL-2010 01:02:04; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43572
 8; 1981.6; 01-JUL-2010 01:10:26; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;43572
 9; 2121.8; 01-JUL-2010 01:12:46; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43572
 10; 2233.6; 01-JUL-2010 01:14:38; Bright; 47.5; 168; 17Zet Aql ; 2.99; 11000;occ; 95; 0;43572
 11; 2652.9; 01-JUL-2010 01:21:37; Bright; 41.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 82; 0;43572
 12; 2809.4; 01-JUL-2010 01:24:14; Bright; 36.0; 130; 23Bet Dra ; 2.80; 5800;occ; 72; 0;43572
 13; 2925.2; 01-JUL-2010 01:26:09; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43572
 14; 3345.6; 01-JUL-2010 01:33:10; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43572
 15; 3786.1; 01-JUL-2010 01:40:30; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;43572
 16; 3888.2; 01-JUL-2010 01:42:12; Bright; 50.0; 68; 18Alp Cas ; 2.22; 4500;occ; 100; 0;43572
 17; 4062.4; 01-JUL-2010 01:45:07; Bright; 56.0; 160; 23Gam Per ; 2.93; 4700;occ; 112; 0;43572
 18; 4266.8; 01-JUL-2010 01:48:31; Bright; 46.0; 73; 57Gam1And ; 2.26; 13100;occ; 92; 0;43572
 19; 4424.1; 01-JUL-2010 01:51:08; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;43572
 20; 4678.5; 01-JUL-2010 01:55:23; Dark ; 60.5; 50; 13Alp Ari ; 2.01; 4250;occ; 121; 0;43572
 21; 4976.2; 01-JUL-2010 02:00:20; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;43572

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1; -535.5; 01-JUL-2010 02:09:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43572
 2; 95.3; 01-JUL-2010 02:19:35; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;43573
 3; 484.4; 01-JUL-2010 02:26:04; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43573
 4; 601.0; 01-JUL-2010 02:28:01; Dark ; 55.0; 31; Alp Gru ; 1.73; 15200;occ; 110; 0;43573
 5; 744.6; 01-JUL-2010 02:30:25; Dark ; 46.5; 45; Alp Pav ; 1.94; 26000;occ; 93; 0;43573
 6; 1314.3; 01-JUL-2010 02:39:54; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43573
 7; 1480.5; 01-JUL-2010 02:42:41; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43573
 8; 1982.0; 01-JUL-2010 02:51:02; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43573
 9; 2121.7; 01-JUL-2010 02:53:22; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43573
 10; 2233.3; 01-JUL-2010 02:55:13; Bright; 49.5; 168; 17Zet Aql ; 2.99; 11000;occ; 99; 0;43573
 11; 2652.5; 01-JUL-2010 03:02:13; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;43573
 12; 2809.3; 01-JUL-2010 03:04:49; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;43573
 13; 2924.7; 01-JUL-2010 03:06:45; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43573
 14; 3344.9; 01-JUL-2010 03:13:45; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43573

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_032106_000056372090_00433_43573_0357.N1

1;-2250.0; 01-JUL-2010 03:21:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43573
 2;-2148.4; 01-JUL-2010 03:22:48; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43573
 3;-1973.6; 01-JUL-2010 03:25:42; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;43573
 4;-1769.2; 01-JUL-2010 03:29:07; Bright; 65.0; 73; 57Gam1And ; 2.26; 13100;occ; 130; 0;43573
 5;-1611.6; 01-JUL-2010 03:31:44; Dark ; 50.5; 173; 4Bet Tri ; 3.00; 8900;occ; 101; 0;43573
 6;-1357.0; 01-JUL-2010 03:35:59; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43573
 7;-1059.7; 01-JUL-2010 03:40:56; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;43573
 8; -534.6; 01-JUL-2010 03:49:41; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43573
 9; 96.5; 01-JUL-2010 04:00:13; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;43574
 10; 485.6; 01-JUL-2010 04:06:42; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43574
 11; 602.3; 01-JUL-2010 04:08:38; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43574
 12; 744.8; 01-JUL-2010 04:11:01; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43574
 13; 1314.7; 01-JUL-2010 04:20:31; Dark ; 45.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 90; 0;43574
 14; 1388.9; 01-JUL-2010 04:21:45; Bright; 45.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 90; 0;43574
 15; 1480.4; 01-JUL-2010 04:23:16; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43574
 16; 1981.9; 01-JUL-2010 04:31:38; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43574
 17; 2121.8; 01-JUL-2010 04:33:58; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43574
 18; 2232.8; 01-JUL-2010 04:35:49; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43574
 19; 2652.2; 01-JUL-2010 04:42:48; Bright; 44.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 89; 0;43574
 20; 2809.2; 01-JUL-2010 04:45:25; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800;occ; 73; 0;43574
 21; 2923.6; 01-JUL-2010 04:47:20; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43574
 22; 3344.5; 01-JUL-2010 04:54:21; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43574

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1;-2250.4; 01-JUL-2010 05:01:42; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43574
 2;-2148.9; 01-JUL-2010 05:03:23; Bright; 69.0; 68; 18Alp Cas ; 2.22; 4500;occ; 138; 0;43574
 3;-1973.4; 01-JUL-2010 05:06:19; Bright; 36.0; 160; 23Gam Per ; 2.93; 4700;occ; 72; 0;43574
 4;-1769.5; 01-JUL-2010 05:09:43; Bright; 48.0; 73; 57Gam1And ; 2.26; 13100;occ; 96; 0;43574
 5;-1611.5; 01-JUL-2010 05:12:21; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;43574
 6;-1356.8; 01-JUL-2010 05:16:35; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43574
 7;-1059.1; 01-JUL-2010 05:21:33; Dark ; 44.5; 94; 92Alp Cet ; 2.53; 3100;occ; 89; 0;43574

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8; -533.7; 01-JUL-2010 05:30:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43574
9; 97.7; 01-JUL-2010 05:40:50; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43575
10; 486.8; 01-JUL-2010 05:47:19; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43575
11; 602.8; 01-JUL-2010 05:49:15; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;43575
12; 745.4; 01-JUL-2010 05:51:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43575
13; 1314.8; 01-JUL-2010 06:01:07; Dark ; 45.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 91; 0;43575
14; 1389.0; 01-JUL-2010 06:02:21; Bright; 44.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 89; 0;43575
15; 1480.9; 01-JUL-2010 06:03:53; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43575
16; 1982.2; 01-JUL-2010 06:12:14; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43575
17; 2121.9; 01-JUL-2010 06:14:34; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43575
18; 2232.3; 01-JUL-2010 06:16:24; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43575
19; 2651.8; 01-JUL-2010 06:23:24; Bright; 45.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 90; 0;43575
20; 2808.8; 01-JUL-2010 06:26:01; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;43575
21; 2923.1; 01-JUL-2010 06:27:55; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43575
22; 3343.8; 01-JUL-2010 06:34:56; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43575
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100701_064217_000037772090_00435_43575_1801.N1
1; -2250.9; 01-JUL-2010 06:42:17; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43575
2; -2149.1; 01-JUL-2010 06:43:59; Bright; 51.0; 68; 18Alp Cas ; 2.22; 4500;occ; 102; 0;43575
3; -1973.8; 01-JUL-2010 06:46:54; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;43575
4; -1769.3; 01-JUL-2010 06:50:19; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43575
5; -1611.1; 01-JUL-2010 06:52:57; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43575
6; -1356.0; 01-JUL-2010 06:57:12; Dark ; 56.5; 50; 13Alp Ari ; 2.01; 4250;occ; 113; 0;43575
7; -1058.6; 01-JUL-2010 07:02:09; Dark ; 49.0; 94; 92Alp Cet ; 2.53; 3100;occ; 98; 0;43575
8; -532.8; 01-JUL-2010 07:10:55; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43575
9; 98.8; 01-JUL-2010 07:21:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;43576
10; 487.4; 01-JUL-2010 07:27:55; Dark ; 65.0; 63; Bet Gru ; 2.15; 2800;occ; 130; 0;43576
11; 604.0; 01-JUL-2010 07:29:52; Dark ; 59.5; 31; Alp Gru ; 1.73; 15200;occ; 119; 0;43576
12; 745.9; 01-JUL-2010 07:32:14; Dark ; 49.0; 45; Alp Pav ; 1.94; 26000;occ; 98; 0;43576
13; 1315.1; 01-JUL-2010 07:41:43; Dark ; 48.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 97; 0;43576
14; 1389.2; 01-JUL-2010 07:42:57; Bright; 44.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 88; 0;43576
15; 1481.1; 01-JUL-2010 07:44:29; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43576
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100701_075250_000055792090_00436_43576_1802.N1
1; 1982.2; 01-JUL-2010 07:52:50; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;43576
2; 2122.1; 01-JUL-2010 07:55:10; Bright; 54.0; 59; 55Alp Oph ; 2.08; 8900;occ; 108; 0;43576
3; 2231.8; 01-JUL-2010 07:57:00; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43576
4; 2651.5; 01-JUL-2010 08:03:59; Bright; 48.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 96; 0;43576
5; 2808.8; 01-JUL-2010 08:06:37; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;43576
6; 2921.8; 01-JUL-2010 08:08:30; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43576
7; 3343.1; 01-JUL-2010 08:15:31; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43576
8; 3784.4; 01-JUL-2010 08:22:52; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43576
9; 3876.7; 01-JUL-2010 08:24:25; Bright; 43.5; 110; 37Del Cas ; 2.68; 8900;occ; 87; 0;43576
10; 4062.2; 01-JUL-2010 08:27:30; Bright; 55.0; 160; 23Gam Per ; 2.93; 4700;occ; 110; 0;43576
11; 4165.5; 01-JUL-2010 08:29:14; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;43576
12; 4266.5; 01-JUL-2010 08:30:54; Bright; 49.5; 73; 57Gam1And ; 2.26; 13100;occ; 99; 0;43576
13; 4424.9; 01-JUL-2010 08:33:33; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43576
14; 4679.9; 01-JUL-2010 08:37:48; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43576
15; 4978.0; 01-JUL-2010 08:42:46; Dark ; 47.5; 94; 92Alp Cet ; 2.53; 3100;occ; 95; 0;43576
16; 5504.0; 01-JUL-2010 08:51:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43576
17; 6135.8; 01-JUL-2010 09:02:04; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;43577
18; 6524.4; 01-JUL-2010 09:08:32; Dark ; 64.0; 63; Bet Gru ; 2.15; 2800;occ; 128; 0;43577
19; 6640.2; 01-JUL-2010 09:10:28; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43577
20; 6782.3; 01-JUL-2010 09:12:50; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43577
21; 7351.5; 01-JUL-2010 09:22:20; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43577
22; 7425.5; 01-JUL-2010 09:23:34; Bright; 48.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 96; 0;43577
23; 7516.9; 01-JUL-2010 09:25:05; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43577
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1; 1482.7; 01-JUL-2010 21:09:18; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43584
2; 2227.2; 01-JUL-2010 21:21:43; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43584
3; 2647.3; 01-JUL-2010 21:28:43; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43584
4; 2914.8; 01-JUL-2010 21:33:10; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43584
5; 3132.5; 01-JUL-2010 21:36:48; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43584
6; 3337.8; 01-JUL-2010 21:40:13; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43584
7; 3780.4; 01-JUL-2010 21:47:36; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43584
8; 3874.3; 01-JUL-2010 21:49:10; Bright; 40.5; 110; 37Del Cas ; 2.68; 8900;occ; 81; 0;43584
9; 4265.9; 01-JUL-2010 21:55:41; Bright; 47.5; 73; 57Gam1And ; 2.26; 13100;occ; 95; 0;43584
10; 4419.5; 01-JUL-2010 21:58:15; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43584
11; 4682.4; 01-JUL-2010 22:02:38; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43584
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_221626_000052662090_00444_43584_0360.N1

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1; -524.9; 01-JUL-2010 22:16:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43584
2; -153.9; 01-JUL-2010 22:22:37; Dark ; 91.0; 52; 16Bet Cet ; 2.04; 4500;occ; 182; 0;43584
3; 107.7; 01-JUL-2010 22:26:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43585
4; 496.2; 01-JUL-2010 22:33:28; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43585
5; 596.3; 01-JUL-2010 22:35:08; Dark ; 75.5; 18; 24Alp PsA ; 1.17; 9700;occ; 151; 0;43585
6; 1482.8; 01-JUL-2010 22:49:54; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43585
7; 2226.5; 01-JUL-2010 23:02:18; Bright; 50.0; 168; 17Zet Aql ; 2.99; 11000;occ; 100; 0;43585
8; 2646.7; 01-JUL-2010 23:09:18; Bright; 46.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 92; 0;43585
9; 2914.3; 01-JUL-2010 23:13:46; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43585
10; 3131.4; 01-JUL-2010 23:17:23; Bright; 62.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 124; 0;43585
11; 3336.9; 01-JUL-2010 23:20:48; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43585
12; 3779.4; 01-JUL-2010 23:28:11; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43585
13; 3873.9; 01-JUL-2010 23:29:45; Bright; 42.0; 110; 37Del Cas ; 2.68; 8900;occ; 84; 0;43585
14; 4266.0; 01-JUL-2010 23:36:17; Bright; 54.0; 73; 57Gam1And ; 2.26; 13100;occ; 108; 0;43585
15; 4419.3; 01-JUL-2010 23:38:51; Dark ; 70.0; 53; 43Bet And ; 2.05; 3300;occ; 140; 0;43585
16; 4682.9; 01-JUL-2010 23:43:14; Dark ; 58.5; 50; 13Alp Ari ; 2.01; 4250;occ; 117; 0;43585
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_235703_000052692090_00445_43585_0361.N1
1; -524.0; 01-JUL-2010 23:57:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43585
2; -151.8; 02-JUL-2010 00:03:15; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43585
3; 109.1; 02-JUL-2010 00:07:36; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43586
4; 497.1; 02-JUL-2010 00:14:04; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43586
5; 598.1; 02-JUL-2010 00:15:45; Dark ; 96.5; 18; 24Alp PsA ; 1.17; 9700;occ; 193; 0;43586
6; 787.6; 02-JUL-2010 00:18:55; Dark ; 56.5; 172; Gam Gru ; 3.00; 13100;occ; 113; 0;43586
7; 1482.7; 02-JUL-2010 00:30:30; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43586
8; 2226.2; 02-JUL-2010 00:42:53; Bright; 46.0; 168; 17Zet Aql ; 2.99; 11000;occ; 92; 0;43586
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3; 2858.8; 06-JUL-2010 20:34:45; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;43655
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5; 3290.6; 06-JUL-2010 20:41:57; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43655
6; 3740.9; 06-JUL-2010 20:49:27; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43655
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6; 858.4; 06-JUL-2010 23:22:37; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43657
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4; 566.1; 07-JUL-2010 02:38:56; Dark ; 65.5; 63; Bet Gru ; 2.15; 2800;occ; 131; 0;43659
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16; 3041.8; 07-JUL-2010 06:41:24; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43661
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9; 4715.8; 07-JUL-2010 22:14:41; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43670
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6; 871.8; 07-JUL-2010 22:51:13; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43671
7; 2189.4; 07-JUL-2010 23:13:11; Bright; 42.0; 168; 17Zet Aql ; 2.99; 11000;occ; 84; 0;43671
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5; 742.6; 08-JUL-2010 00:29:40; Dark ; 81.0; 18; 24Alp PsA ; 1.17; 9700;occ; 162; 0;43672
6; 872.2; 08-JUL-2010 00:31:49; Dark ; 55.0; 172; Gam Gru ; 3.00; 13100;occ; 110; 0;43672

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9; 3029.0; 08-JUL-2010 02:48:22; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;43673
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14; 5427.4; 14-JUL-2010 13:43:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43765
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 6; 3749.9; 14-JUL-2010 14:56:05; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;43766
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 3; 2162.4; 14-JUL-2010 16:10:14; Bright; 40.0; 168; 17Zet Aql ; 2.99; 11000;occ; 80; 0;43767
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5; 3102.9; 30-JUL-2010 09:40:39; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;43992
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 12; 5424.5; 30-JUL-2010 13:40:33; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;43994
 13; 5717.1; 30-JUL-2010 13:45:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43994
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 11; 5425.5; 30-JUL-2010 15:21:09; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;43995
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 13; 5989.9; 30-JUL-2010 15:30:34; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;43995
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 16; 6942.9; 30-JUL-2010 15:46:27; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43996
 17; 7132.1; 30-JUL-2010 15:49:36; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43996

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14; 5169.8; 31-JUL-2010 21:27:41; Dark ; 42.5; 7; 19Bet Ori ; 0.10; 14000;occ; 85; 0;44013
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2; -306.0; 31-JUL-2010 21:37:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44013
3; -29.1; 31-JUL-2010 21:41:38; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;44013
4; 303.3; 31-JUL-2010 21:47:10; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44014
5; 587.1; 31-JUL-2010 21:51:54; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44014
6; 916.4; 31-JUL-2010 21:57:23; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44014
7; 1105.1; 31-JUL-2010 22:00:32; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;44014
8; 2059.6; 31-JUL-2010 22:16:27; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44014
9; 2582.3; 31-JUL-2010 22:25:09; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44014
10; 2695.5; 31-JUL-2010 22:27:02; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44014
11; 3092.8; 31-JUL-2010 22:33:40; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;44014
12; 3980.7; 31-JUL-2010 22:48:28; Bright; 47.0; 160; 23Gam Per ; 2.93; 4700;occ; 94; 0;44014
13; 4139.5; 31-JUL-2010 22:51:06; Bright; 44.0; 175; 39Del Per ; 3.01; 19400;occ; 88; 0;44014
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15; 4500.2; 31-JUL-2010 22:57:07; Dark ; 37.0; 150; 44Zet Per ; 2.89; 28000;occ; 74; 0;44014
16; 4637.7; 31-JUL-2010 22:59:25; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;44014
17; 4787.6; 31-JUL-2010 23:01:54; Dark ; 60.5; 13; 87Alp Tau ; 0.87; 3800;occ; 121; 0;44014

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6; 917.0; 31-JUL-2010 23:38:00; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44015
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