

# GOMOS Daily Report 28-FEB-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	03MAR2010 04:49:55
Data source version	GOMOS/5.00L04
Start time of products	28FEB2010 00:01:38
Stop time of products	28FEB2010 23:44:51
Store outputs in DB	Yes
Nb of level 1b prods	108
Nb of prods with errors	0

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

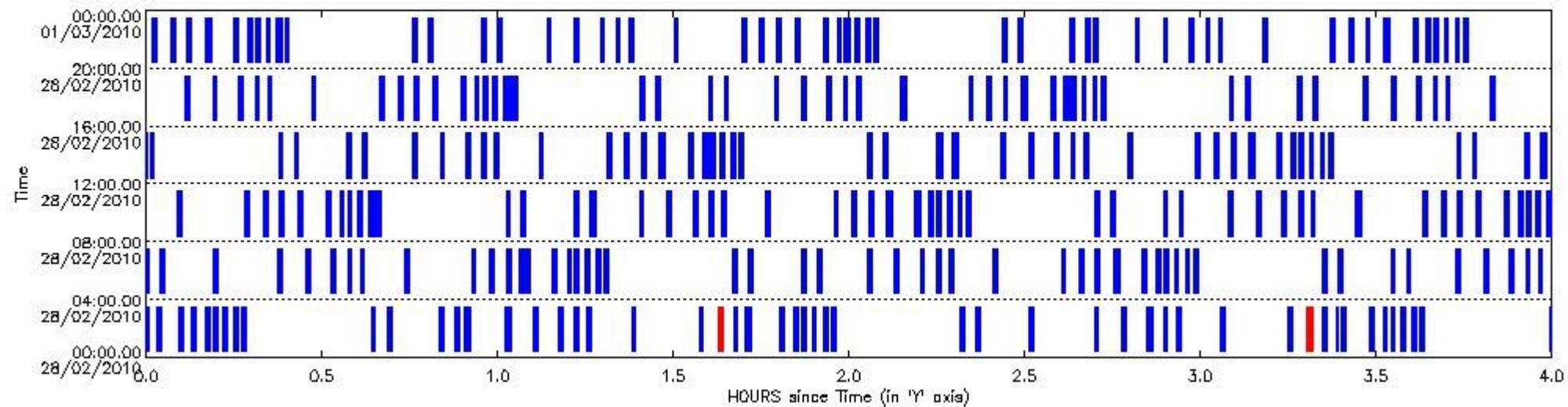
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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
28-FEB-2010 01:37:34	20EpsSgr	38	41811
28-FEB-2010 03:18:11	20EpsSgr	38	41812

### 2.4 Summary of processed GOM\_TRA\_1P products

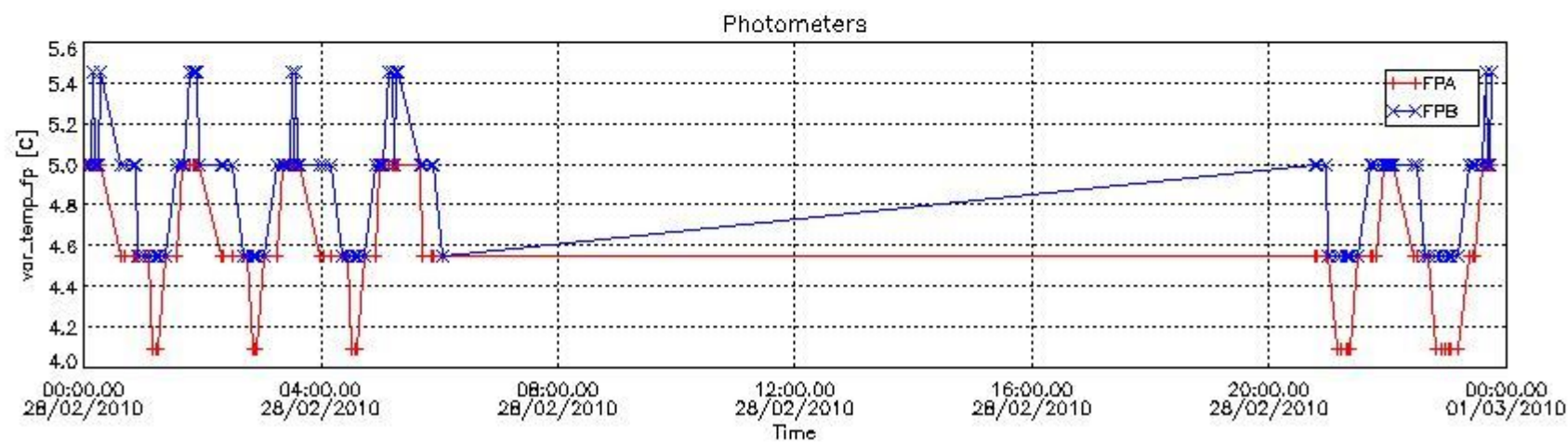
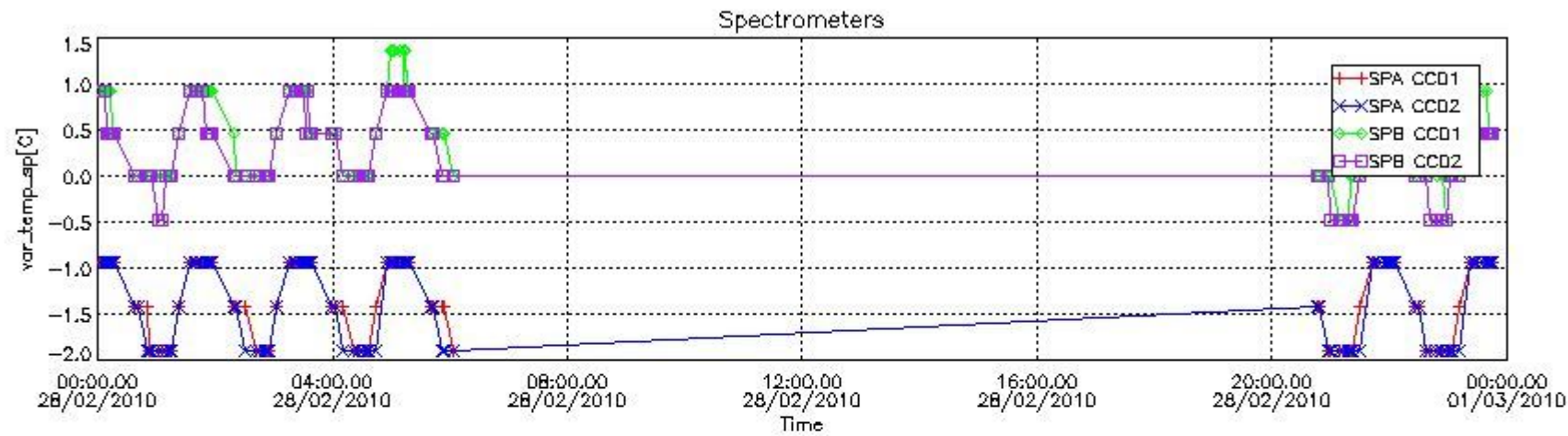
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100228_000138_000000572087_00173_41810_2244.N1	28-FEB-2010 00:01:38	Dark	56.500	75	26Eps Sco	2.2910	4250.0	113	41810	No
2	GOM_TRA_1PNPDE20100228_000733_000000492087_00174_41811_2245.N1	28-FEB-2010 00:07:33	Dark	49.000	131	Gam Lup	2.8000	26000.	98	41811	No
3	GOM_TRA_1PNPDE20100228_000959_000000572087_00174_41811_2246.N1	28-FEB-2010 00:09:59	Dark	56.500	4	Alp1Cen	-0.010000	5800.0	113	41811	No
4	GOM_TRA_1PNPDE20100228_001118_000000522087_00174_41811_2247.N1	28-FEB-2010 00:11:18	Dark	52.000	10	Bet Cen	0.61000	28000.	104	41811	No
5	GOM_TRA_1PNPDE20100228_001304_000000422087_00174_41811_2248.N1	28-FEB-2010 00:13:04	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41811	No
6	GOM_TRA_1PNPDE20100228_001456_000000502087_00174_41811_2249.N1	28-FEB-2010 00:14:56	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	41811	No
7	GOM_TRA_1PNPDE20100228_001619_000000462087_00174_41811_2250.N1	28-FEB-2010 00:16:19	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41811	No
8	GOM_TRA_1PNPDE20100228_003824_000000452087_00174_41811_2251.N1	28-FEB-2010 00:38:24	Bright	44.500	22	32Alp Leo	1.3600	15200.	89	41811	No
9	GOM_TRA_1PNPDE20100228_004104_000000462087_00174_41811_2252.N1	28-FEB-2010 00:41:04	Bright	45.500	51	41Gam1Leo	2.0100	4500.0	91	41811	No

10	GOM_TRA_1PNPDE20100228_005006_000000452087_00174_41811_2253.N1	28-FEB-2010 00:50:06	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	41811	No
11	GOM_TRA_1PNPDE20100228_005247_000000422087_00174_41811_2254.N1	28-FEB-2010 00:52:47	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	41811	No
12	GOM_TRA_1PNPDE20100228_005410_000000652087_00174_41811_2255.N1	28-FEB-2010 00:54:10	Bright	64.500	87	64Gam UMa	2.4330	11000.	129	41811	No
13	GOM_TRA_1PNPDE20100228_010115_000000572087_00174_41811_2256.N1	28-FEB-2010 01:01:15	Bright	56.500	60	7Bet UMi	2.0810	3950.0	113	41811	No
14	GOM_TRA_1PNPDE20100228_010559_000000482087_00174_41811_2257.N1	28-FEB-2010 01:05:59	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41811	No
15	GOM_TRA_1PNPDE20100228_011019_000000472087_00174_41811_2258.N1	28-FEB-2010 01:10:19	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	41811	No
16	GOM_TRA_1PNPDE20100228_011308_000000352087_00174_41811_2259.N1	28-FEB-2010 01:13:08	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	41811	No
17	GOM_TRA_1PNPDE20100228_011517_000000472087_00174_41811_2260.N1	28-FEB-2010 01:15:17	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	41811	No
18	GOM_TRA_1PNPDE20100228_012249_000000402087_00174_41811_2261.N1	28-FEB-2010 01:22:49	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	41811	No
19	GOM_TRA_1PNPDE20100228_013422_000000442087_00174_41811_2265.N1	28-FEB-2010 01:34:22	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41811	No
20	GOM_TRA_1PNPDE20100228_014014_000000452087_00174_41811_2266.N1	28-FEB-2010 01:40:14	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41811	No
21	GOM_TRA_1PNPDE20100228_014216_000000572087_00174_41811_2267.N1	28-FEB-2010 01:42:16	Dark	56.500	75	26Eps Sco	2.2910	4250.0	113	41811	No
22	GOM_TRA_1PNPDE20100228_014810_000000492087_00175_41812_2268.N1	28-FEB-2010 01:48:10	Dark	49.000	131	Gam Lup	2.8000	26000.	98	41812	No
23	GOM_TRA_1PNPDE20100228_015036_000000462087_00175_41812_2269.N1	28-FEB-2010 01:50:36	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	41812	No
24	GOM_TRA_1PNPDE20100228_015155_000000432087_00175_41812_2270.N1	28-FEB-2010 01:51:55	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41812	No
25	GOM_TRA_1PNPDE20100228_015341_000000432087_00175_41812_2271.N1	28-FEB-2010 01:53:41	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41812	No
26	GOM_TRA_1PNPDE20100228_015533_000000562087_00175_41812_2272.N1	28-FEB-2010 01:55:33	Dark	56.000	26	Gam Cru	1.6240	2900.0	112	41812	No
27	GOM_TRA_1PNPDE20100228_015656_000000462087_00175_41812_2273.N1	28-FEB-2010 01:56:56	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41812	No
28	GOM_TRA_1PNPDE20100228_021900_000000462087_00175_41812_2274.N1	28-FEB-2010 02:19:00	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	41812	No
29	GOM_TRA_1PNPDE20100228_022139_000000462087_00175_41812_2275.N1	28-FEB-2010 02:21:39	Bright	45.500	51	41Gam1Leo	2.0100	4500.0	91	41812	No
30	GOM_TRA_1PNPDE20100228_023041_000000462087_00175_41812_2276.N1	28-FEB-2010 02:30:41	Bright	46.000	174	52Psi UMa	3.0040	4400.0	92	41812	No
31	GOM_TRA_1PNPDE20100228_024150_000000402087_00175_41812_2277.N1	28-FEB-2010 02:41:50	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41812	No
32	GOM_TRA_1PNPDE20100228_024634_000000462087_00175_41812_2278.N1	28-FEB-2010 02:46:34	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	41812	No
33	GOM_TRA_1PNPDE20100228_025054_000000652087_00175_41812_2288.N1	28-FEB-2010 02:50:54	Bright	65.000	130	23Bet Dra	2.7990	5800.0	130	41812	No
34	GOM_TRA_1PNPDE20100228_025344_000000342087_00175_41812_2289.N1	28-FEB-2010 02:53:44	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	41812	No
35	GOM_TRA_1PNPDE20100228_025553_000000422087_00175_41812_2290.N1	28-FEB-2010 02:55:53	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41812	No
36	GOM_TRA_1PNPDE20100228_030325_000000402087_00175_41812_2291.N1	28-FEB-2010 03:03:25	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	41812	No
37	GOM_TRA_1PNPDE20100228_031459_000000402087_00175_41812_2292.N1	28-FEB-2010 03:14:59	Dark	39.500	57	34Sig Sgr	2.0660	26000.	79	41812	No
38	GOM_TRA_1PNPDE20100228_032051_000000532087_00175_41812_2293.N1	28-FEB-2010 03:20:51	Dark	52.500	25	35Lam Sco	1.6200	28000.	105	41812	No
39	GOM_TRA_1PNPDE20100228_032305_000000252087_00175_41812_2294.N1	28-FEB-2010 03:23:05	Dark	25.000	136	23Tau Sco	2.8220	30000.	50	41812	No
40	GOM_TRA_1PNPDE20100228_032847_000000502087_00176_41813_2295.N1	28-FEB-2010 03:28:47	Dark	49.500	131	Gam Lup	2.8000	26000.	99	41813	No
41	GOM_TRA_1PNPDE20100228_033112_000000432087_00176_41813_2296.N1	28-FEB-2010 03:31:12	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	41813	No
42	GOM_TRA_1PNPDE20100228_033232_000000442087_00176_41813_2297.N1	28-FEB-2010 03:32:32	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41813	No
43	GOM_TRA_1PNPDE20100228_033417_000000422087_00176_41813_2298.N1	28-FEB-2010 03:34:17	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41813	No
44	GOM_TRA_1PNPDE20100228_033609_000000412087_00176_41813_2299.N1	28-FEB-2010 03:36:09	Dark	41.000	26	Gam Cru	1.6240	2900.0	82	41813	No
45	GOM_TRA_1PNPDE20100228_033732_000000452087_00176_41813_2300.N1	28-FEB-2010 03:37:32	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41813	No
46	GOM_TRA_1PNPDE20100228_035935_000000452087_00176_41813_2301.N1	28-FEB-2010 03:59:35	Bright	44.500	22	32Alp Leo	1.3600	15200.	89	41813	No
47	GOM_TRA_1PNPDE20100228_040215_000000462087_00176_41813_2302.N1	28-FEB-2010 04:02:15	Bright	45.500	51	41Gam1Leo	2.0100	4500.0	91	41813	No
48	GOM_TRA_1PNPDE20100228_041117_000000532087_00176_41813_2303.N1	28-FEB-2010 04:11:17	Bright	53.000	174	52Psi UMa	3.0040	4400.0	106	41813	No
49	GOM_TRA_1PNPDE20100228_042226_000000382087_00176_41813_2304.N1	28-FEB-2010 04:22:26	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	41813	No
50	GOM_TRA_1PNPDE20100228_042709_000000462087_00176_41813_2309.N1	28-FEB-2010 04:27:09	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	41813	No
51	GOM_TRA_1PNPDE20100228_043130_000000432087_00176_41813_2310.N1	28-FEB-2010 04:31:30	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	41813	No
52	GOM_TRA_1PNPDE20100228_043420_000000352087_00176_41813_2311.N1	28-FEB-2010 04:34:20	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	41813	No
53	GOM_TRA_1PNPDE20100228_043629_000000422087_00176_41813_2312.N1	28-FEB-2010 04:36:29	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41813	No
54	GOM_TRA_1PNPDE20100228_044401_000000572087_00176_41813_2313.N1	28-FEB-2010 04:44:01	Bright	57.000	168	17Zet Aql	2.9860	11000.	114	41813	No
55	GOM_TRA_1PNPDE20100228_045535_000000412087_00176_41813_2314.N1	28-FEB-2010 04:55:35	Dark	41.000	57	34Sig Sgr	2.0660	26000.	82	41813	No
56	GOM_TRA_1PNPDE20100228_045840_000000402087_00176_41813_2315.N1	28-FEB-2010 04:58:40	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	41813	No
57	GOM_TRA_1PNPDE20100228_050127_000000512087_00176_41813_2316.N1	28-FEB-2010 05:01:27	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	41813	No
58	GOM_TRA_1PNPDE20100228_050343_000000252087_00176_41813_2317.N1	28-FEB-2010 05:03:43	Dark	25.000	136	23Tau Sco	2.8220	30000.	50	41813	No
59	GOM_TRA_1PNPDE20100228_050924_000000482087_00177_41814_2318.N1	28-FEB-2010 05:09:24	Dark	47.500	131	Gam Lup	2.8000	26000.	95	41814	No
60	GOM_TRA_1PNPDE20100228_051149_000000452087_00177_41814_2319.N1	28-FEB-2010 05:11:49	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	41814	No
61	GOM_TRA_1PNPDE20100228_051308_000000412087_00177_41814_2320.N1	28-FEB-2010 05:13:08	Dark	40.500	10	Bet Cen	0.61000	28000.	81	41814	No
62	GOM_TRA_1PNPDE20100228_051454_000000442087_00177_41814_2321.N1	28-FEB-2010 05:14:54	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41814	No
63	GOM_TRA_1PNPDE20100228_051646_000000452087_00177_41814_2322.N1	28-FEB-2010 05:16:46	Dark	45.000	26	Gam Cru	1.6240	2900.0	90	41814	No
64	GOM_TRA_1PNPDE20100228_051809_000000452087_00177_41814_2323.N1	28-FEB-2010 05:18:09	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41814	No
65	GOM_TRA_1PNPDE20100228_054011_000000432087_00177_41814_2324.N1	28-FEB-2010 05:40:11	Bright	43.000	22	32Alp Leo	1.3600	15200.	86	41814	No
66	GOM_TRA_1PNPDE20100228_054251_000000462087_00177_41814_2325.N1	28-FEB-2010 05:42:51	Bright	46.000	51	41Gam1Leo	2.0100	4500.0	92	41814	No
67	GOM_TRA_1PNPDE20100228_055152_000000492087_00177_41814_2326.N1	28-FEB-2010 05:51:52	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	41814	No
68	GOM_TRA_1PNPDE20100228_055434_000000412087_00177_41814_2327.N1	28-FEB-2010 05:54:34	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	41814	No

69	GOM_TRA_1PNPDE20100228_060302_000000462087_00177_41814_2328.N1	28-FEB-2010 06:03:02	Bright	46.000	60	7Bet UMi	2.0810	3950.0	92	41814	No
70	GOM_TRA_1PNPDE20100228_204533_000000452087_00186_41823_2467.N1	28-FEB-2010 20:45:33	Bright	44.500	22	32Alp Leo	1.3600	15200.	89	41823	No
71	GOM_TRA_1PNPDE20100228_204811_000000442087_00186_41823_2468.N1	28-FEB-2010 20:48:11	Bright	44.000	51	41Gam1Leo	2.0100	4500.0	88	41823	No
72	GOM_TRA_1PNPDE20100228_205709_000000452087_00186_41823_2469.N1	28-FEB-2010 20:57:09	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	41823	No
73	GOM_TRA_1PNPDE20100228_205953_000000422087_00186_41823_2470.N1	28-FEB-2010 20:59:53	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	41823	No
74	GOM_TRA_1PNPDE20100228_210822_000000432087_00186_41823_2471.N1	28-FEB-2010 21:08:22	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41823	No
75	GOM_TRA_1PNPDE20100228_211305_000000482087_00186_41823_2472.N1	28-FEB-2010 21:13:05	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	41823	No
76	GOM_TRA_1PNPDE20100228_211727_000000422087_00186_41823_2473.N1	28-FEB-2010 21:17:27	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41823	No
77	GOM_TRA_1PNPDE20100228_212020_000000342087_00186_41823_2474.N1	28-FEB-2010 21:20:20	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	41823	No
78	GOM_TRA_1PNPDE20100228_212229_000000402087_00186_41823_2475.N1	28-FEB-2010 21:22:29	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	41823	No
79	GOM_TRA_1PNPDE20100228_213004_000000392087_00186_41823_2476.N1	28-FEB-2010 21:30:04	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	41823	No
80	GOM_TRA_1PNPDE20100228_214140_000000442087_00186_41823_2485.N1	28-FEB-2010 21:41:40	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41823	No
81	GOM_TRA_1PNPDE20100228_214446_000000462087_00186_41823_2486.N1	28-FEB-2010 21:44:46	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41823	No
82	GOM_TRA_1PNPDE20100228_214735_000000522087_00186_41823_2487.N1	28-FEB-2010 21:47:35	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	41823	No
83	GOM_TRA_1PNPDE20100228_215535_000000502087_00187_41824_2488.N1	28-FEB-2010 21:55:35	Dark	50.000	131	Gam Lup	2.8000	26000.	100	41824	No
84	GOM_TRA_1PNPDE20100228_215754_000000452087_00187_41824_2489.N1	28-FEB-2010 21:57:54	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	41824	No
85	GOM_TRA_1PNPDE20100228_215913_000000512087_00187_41824_2490.N1	28-FEB-2010 21:59:13	Dark	51.000	10	Bet Cen	0.61000	28000.	102	41824	No
86	GOM_TRA_1PNPDE20100228_220100_000000442087_00187_41824_2491.N1	28-FEB-2010 22:01:00	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41824	No
87	GOM_TRA_1PNPDE20100228_220250_000000522087_00187_41824_2492.N1	28-FEB-2010 22:02:50	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	41824	No
88	GOM_TRA_1PNPDE20100228_220414_000000452087_00187_41824_2493.N1	28-FEB-2010 22:04:14	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41824	No
89	GOM_TRA_1PNPDE20100228_222608_000000452087_00187_41824_2494.N1	28-FEB-2010 22:26:08	Bright	44.500	22	32Alp Leo	1.3600	15200.	89	41824	No
90	GOM_TRA_1PNPDE20100228_222847_000000452087_00187_41824_2495.N1	28-FEB-2010 22:28:47	Bright	44.500	51	41Gam1Leo	2.0100	4500.0	89	41824	No
91	GOM_TRA_1PNPDE20100228_223745_000000442087_00187_41824_2496.N1	28-FEB-2010 22:37:45	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	41824	No
92	GOM_TRA_1PNPDE20100228_224028_000000412087_00187_41824_2497.N1	28-FEB-2010 22:40:28	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	41824	No
93	GOM_TRA_1PNPDE20100228_224148_000000412087_00187_41824_2498.N1	28-FEB-2010 22:41:48	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	41824	No
94	GOM_TRA_1PNPDE20100228_224857_000000382087_00187_41824_2499.N1	28-FEB-2010 22:48:57	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	41824	No
95	GOM_TRA_1PNPDE20100228_225340_000000422087_00187_41824_2500.N1	28-FEB-2010 22:53:40	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	41824	No
96	GOM_TRA_1PNPDE20100228_225802_000000462087_00187_41824_2501.N1	28-FEB-2010 22:58:02	Bright	46.000	130	23Bet Dra	2.7990	5800.0	92	41824	No
97	GOM_TRA_1PNPDE20100228_230056_000000352087_00187_41824_2502.N1	28-FEB-2010 23:00:56	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	41824	No
98	GOM_TRA_1PNPDE20100228_230305_000000392087_00187_41824_2503.N1	28-FEB-2010 23:03:05	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41824	No
99	GOM_TRA_1PNPDE20100228_231040_000000392087_00187_41824_2504.N1	28-FEB-2010 23:10:40	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	41824	No
100	GOM_TRA_1PNPDE20100228_232216_000000452087_00187_41824_2510.N1	28-FEB-2010 23:22:16	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	41824	No
101	GOM_TRA_1PNPDE20100228_232522_000000462087_00187_41824_2511.N1	28-FEB-2010 23:25:22	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41824	No
102	GOM_TRA_1PNPDE20100228_232812_000000432087_00187_41824_2512.N1	28-FEB-2010 23:28:12	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	41824	No
103	GOM_TRA_1PNPDE20100228_233612_000000502087_00188_41825_2513.N1	28-FEB-2010 23:36:12	Dark	49.500	131	Gam Lup	2.8000	26000.	99	41825	No
104	GOM_TRA_1PNPDE20100228_233831_000000452087_00188_41825_2514.N1	28-FEB-2010 23:38:31	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	41825	No
105	GOM_TRA_1PNPDE20100228_233950_000000512087_00188_41825_2515.N1	28-FEB-2010 23:39:50	Dark	51.000	10	Bet Cen	0.61000	28000.	102	41825	No
106	GOM_TRA_1PNPDE20100228_234137_000000442087_00188_41825_2516.N1	28-FEB-2010 23:41:37	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41825	No
107	GOM_TRA_1PNPDE20100228_234327_000000412087_00188_41825_2517.N1	28-FEB-2010 23:43:27	Dark	40.500	26	Gam Cru	1.6240	2900.0	81	41825	No
108	GOM_TRA_1PNPDE20100228_234451_000000482087_00188_41825_2518.N1	28-FEB-2010 23:44:51	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41825	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).

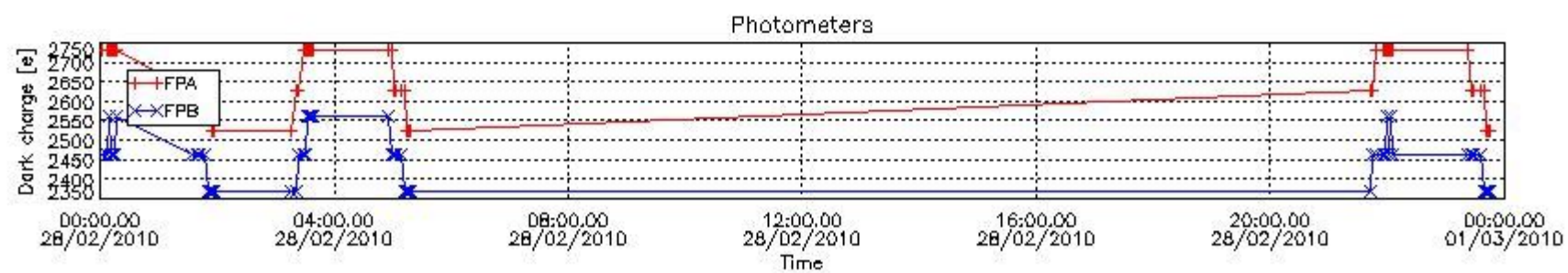
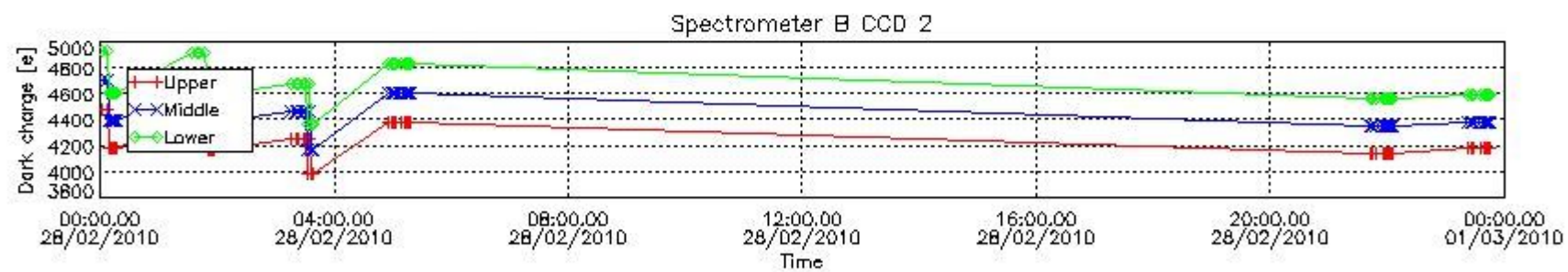
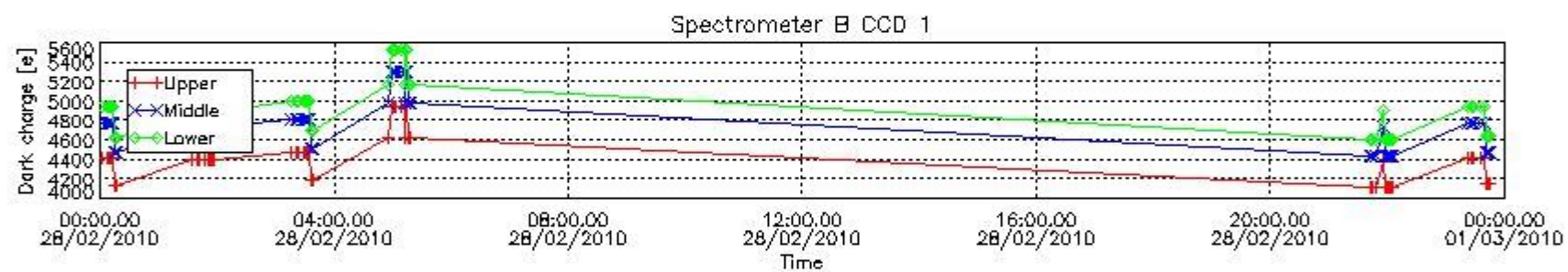
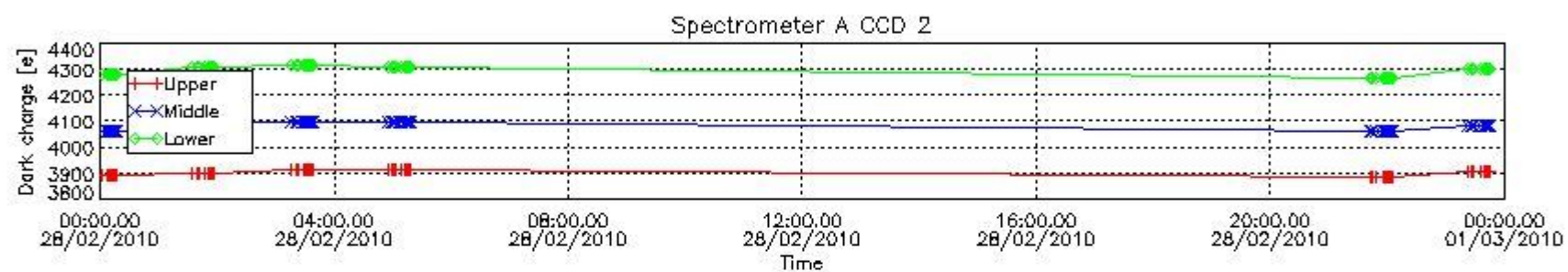
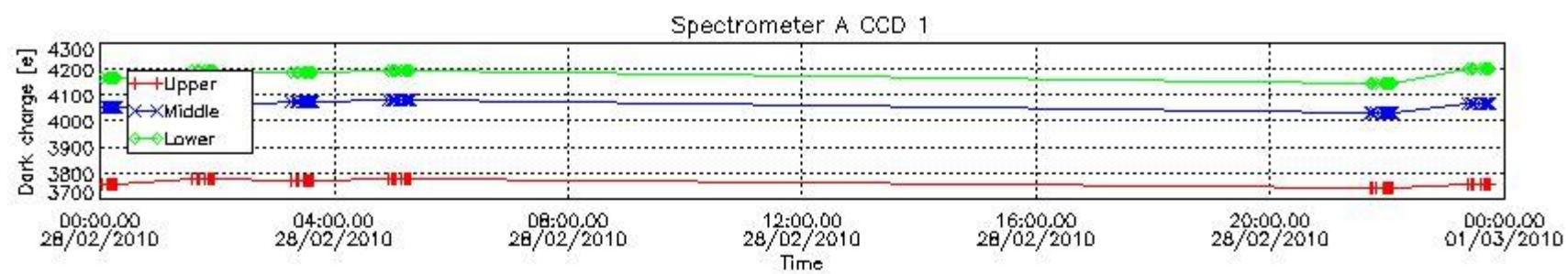
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100228_013422_000000442087_00174_41811_2265.N1	DC map used
GOM_TRA_1PNPDE20100228_014014_000000452087_00174_41811_2266.N1	DC map used
GOM_TRA_1PNPDE20100228_014216_000000572087_00174_41811_2267.N1	DC map used
GOM_TRA_1PNPDE20100228_014810_000000492087_00175_41812_2268.N1	DC map used
GOM_TRA_1PNPDE20100228_015036_000000462087_00175_41812_2269.N1	DC map used
GOM_TRA_1PNPDE20100228_015155_000000432087_00175_41812_2270.N1	DC map used
GOM_TRA_1PNPDE20100228_015341_000000432087_00175_41812_2271.N1	DC map used
GOM_TRA_1PNPDE20100228_015533_000000562087_00175_41812_2272.N1	DC map used
GOM_TRA_1PNPDE20100228_015656_000000462087_00175_41812_2273.N1	DC map used
GOM_TRA_1PNPDE20100228_021900_000000462087_00175_41812_2274.N1	DC map used
GOM_TRA_1PNPDE20100228_022139_000000462087_00175_41812_2275.N1	DC map used
GOM_TRA_1PNPDE20100228_023041_000000462087_00175_41812_2276.N1	DC map used
GOM_TRA_1PNPDE20100228_024150_000000402087_00175_41812_2277.N1	DC map used
GOM_TRA_1PNPDE20100228_024634_000000462087_00175_41812_2278.N1	DC map used

GOM_TRA_1PNPDE20100228_204533_000000452087_00186_41823_2467.N1	DC map used
GOM_TRA_1PNPDE20100228_204811_000000442087_00186_41823_2468.N1	DC map used
GOM_TRA_1PNPDE20100228_205709_000000452087_00186_41823_2469.N1	DC map used
GOM_TRA_1PNPDE20100228_205953_000000422087_00186_41823_2470.N1	DC map used
GOM_TRA_1PNPDE20100228_210822_000000432087_00186_41823_2471.N1	DC map used
GOM_TRA_1PNPDE20100228_211305_000000482087_00186_41823_2472.N1	DC map used
GOM_TRA_1PNPDE20100228_211727_000000422087_00186_41823_2473.N1	DC map used
GOM_TRA_1PNPDE20100228_212020_000000342087_00186_41823_2474.N1	DC map used
GOM_TRA_1PNPDE20100228_212229_000000402087_00186_41823_2475.N1	DC map used
GOM_TRA_1PNPDE20100228_213004_000000392087_00186_41823_2476.N1	DC map used

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



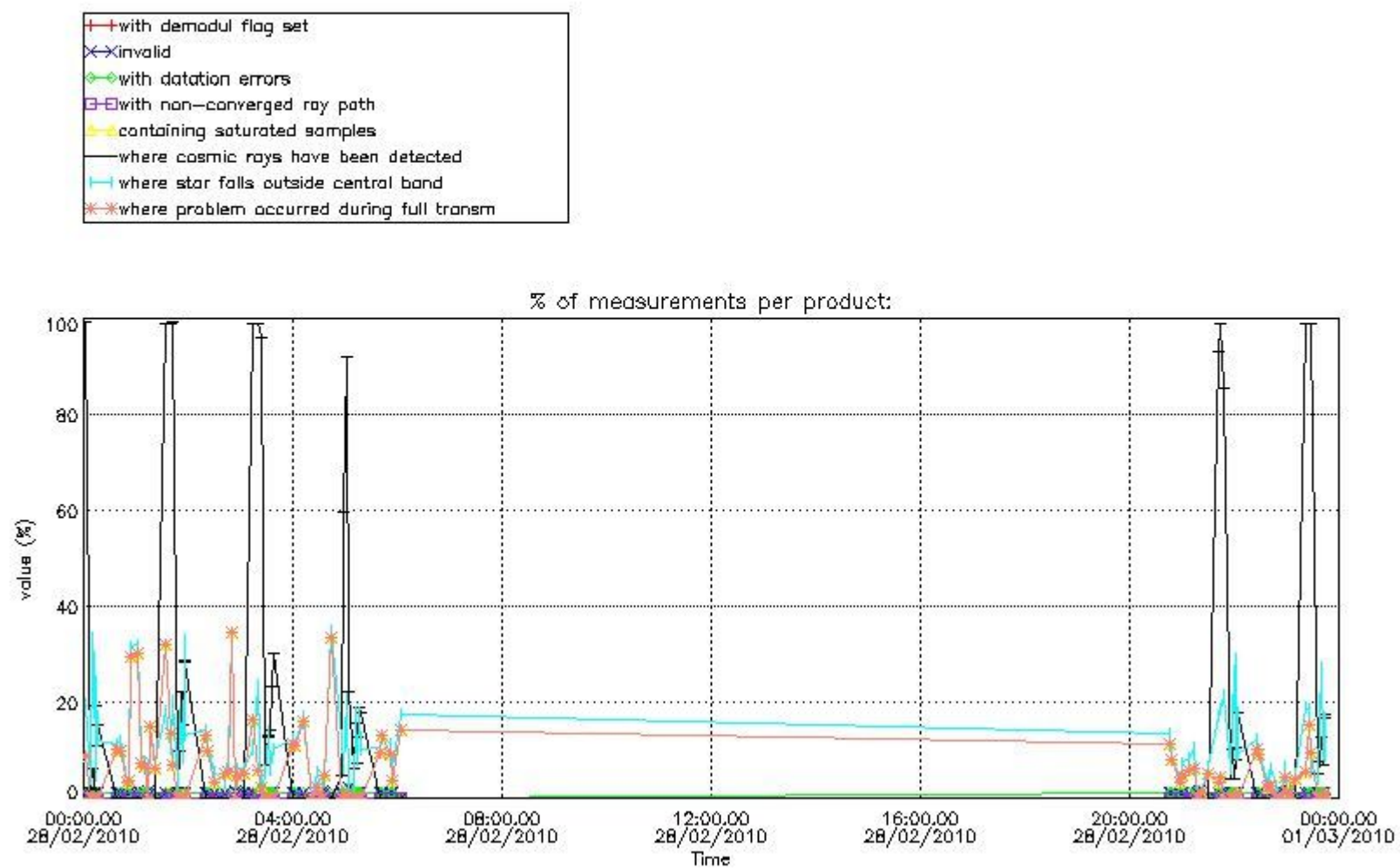
## 5. Demodulation flag and quality information monitoring

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:

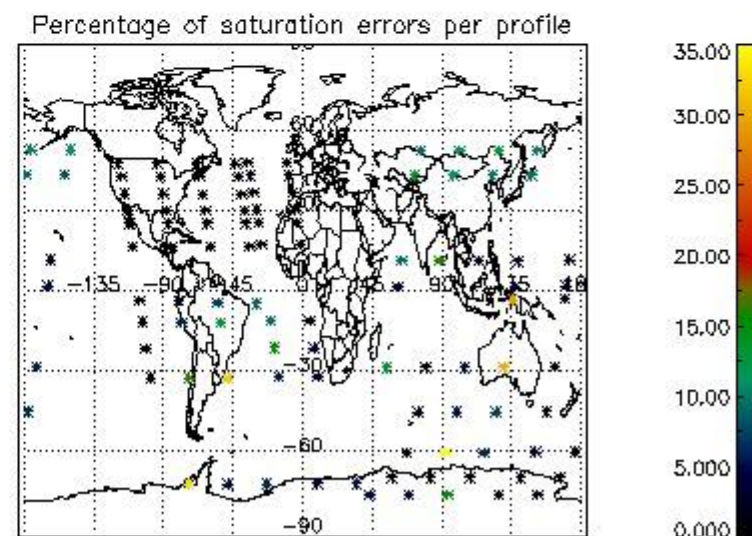
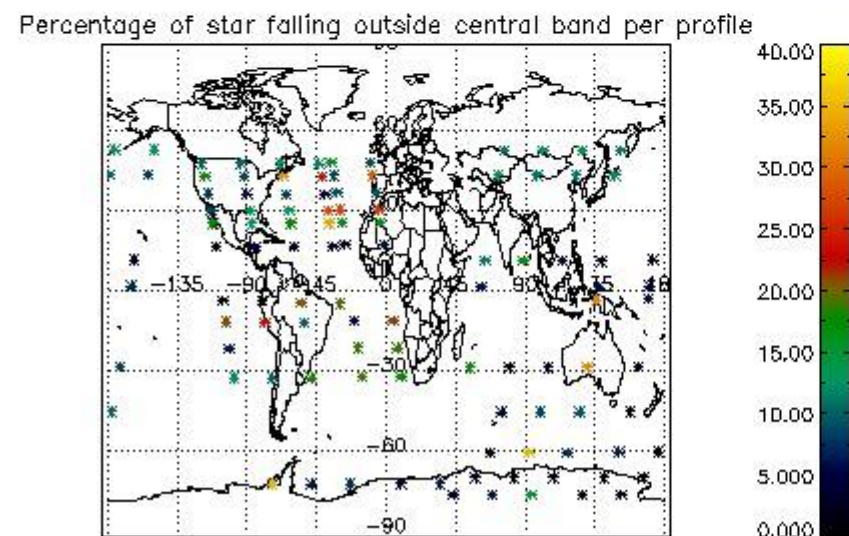
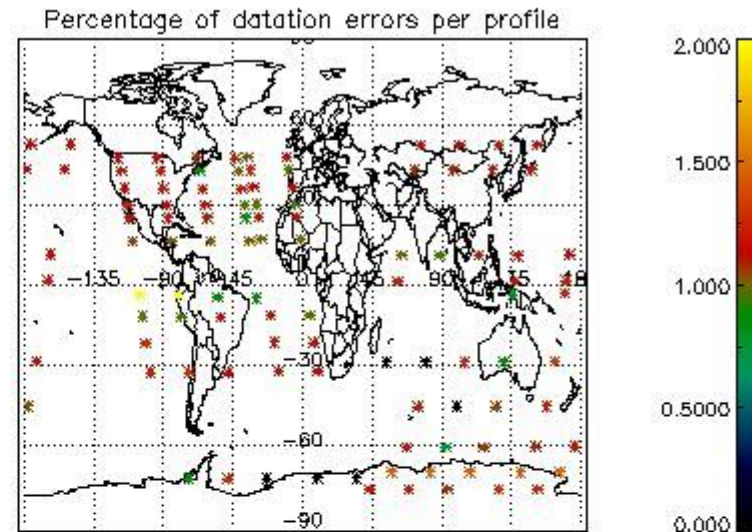
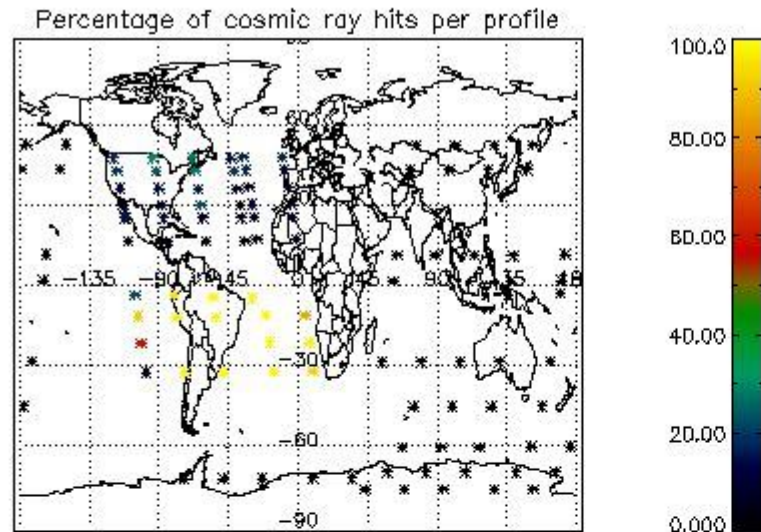
At least one measurement with demodulation flag set:	26.8519 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





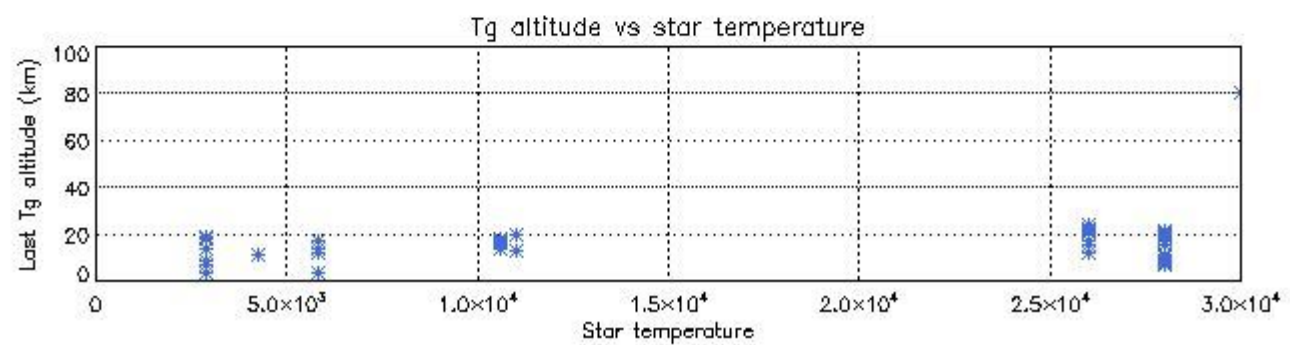
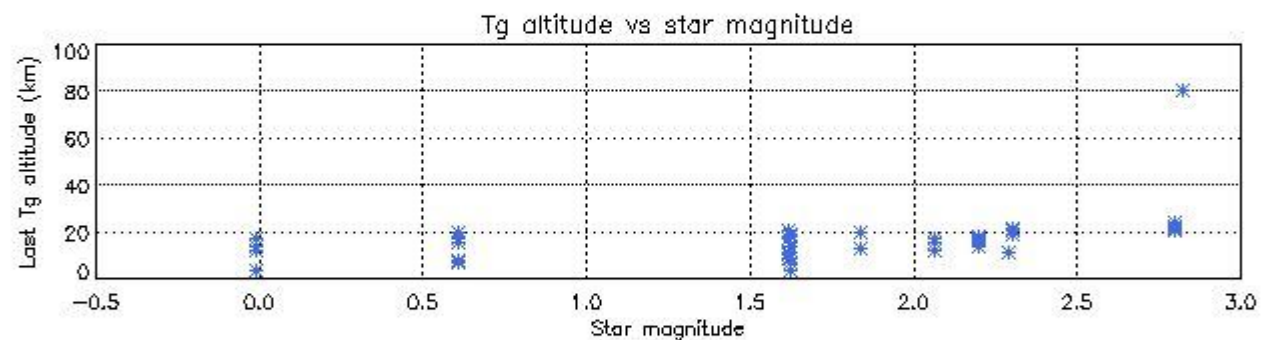
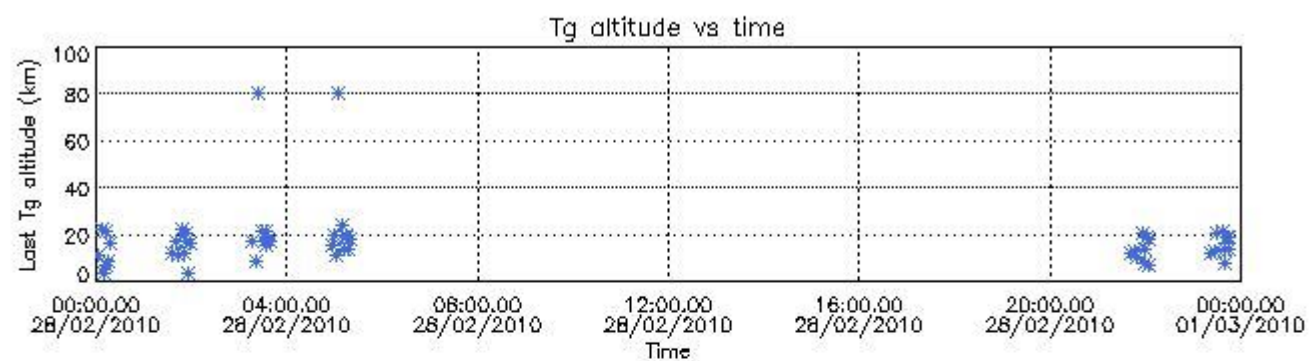
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	17.580	19.173	NaN
St. deviation:	13.522	5.7629	NaN
Maximum:	80.628	28.550	NaN
Minimum:	3.5690	3.8190	NaN
Number of data:	53.000	55.000	NaN

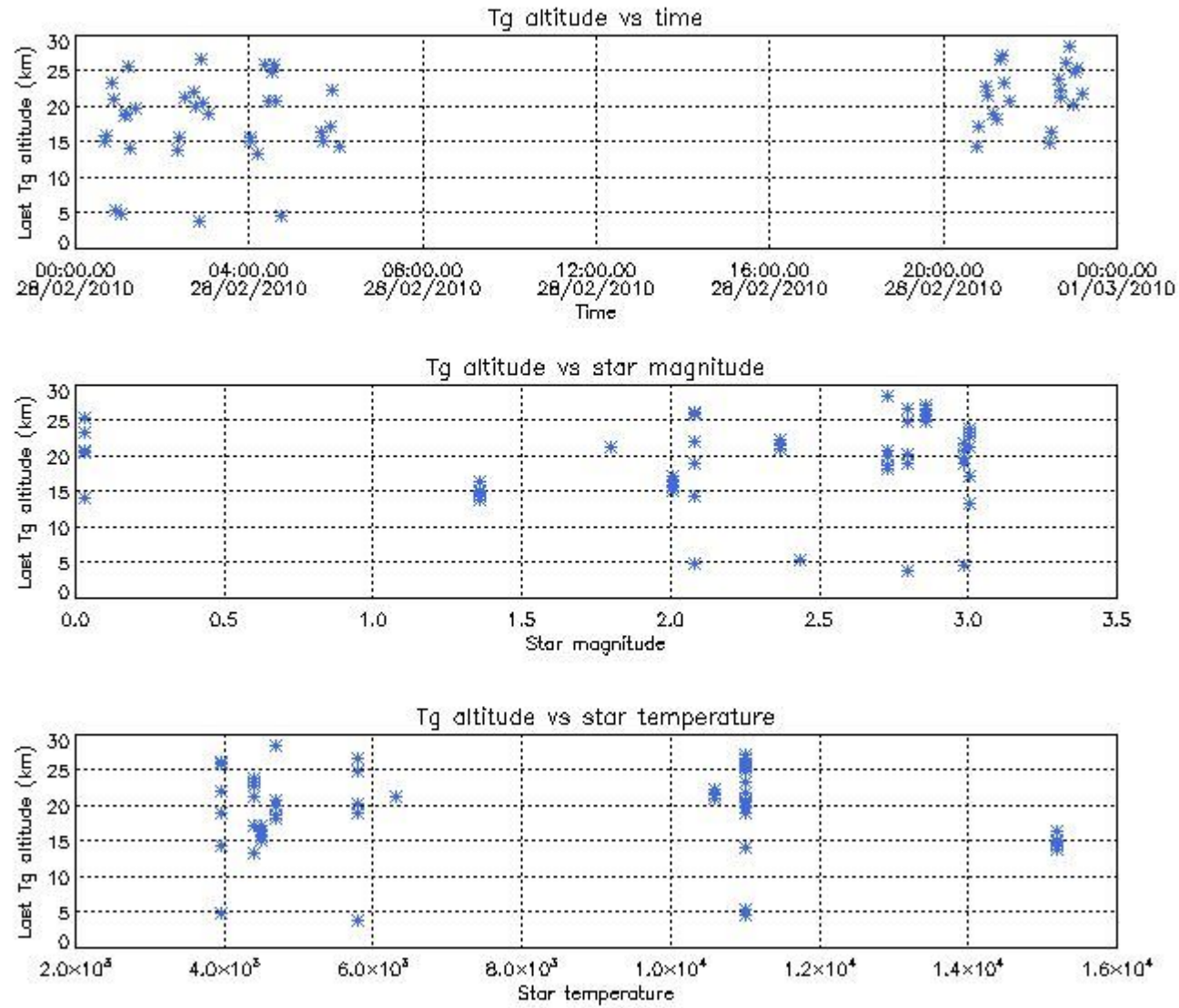
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost



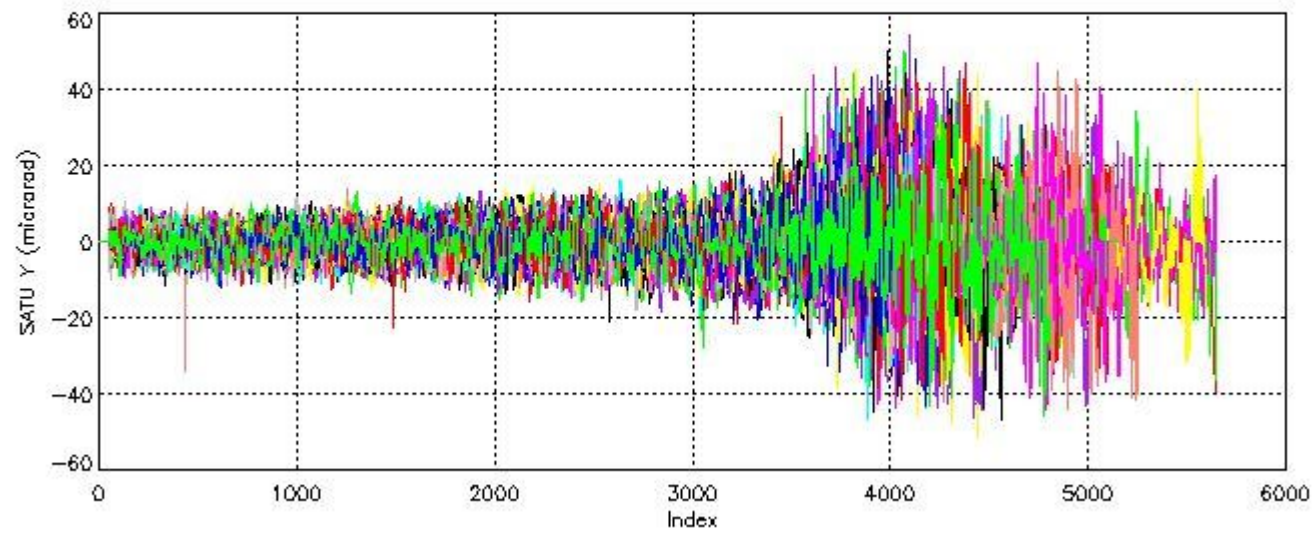
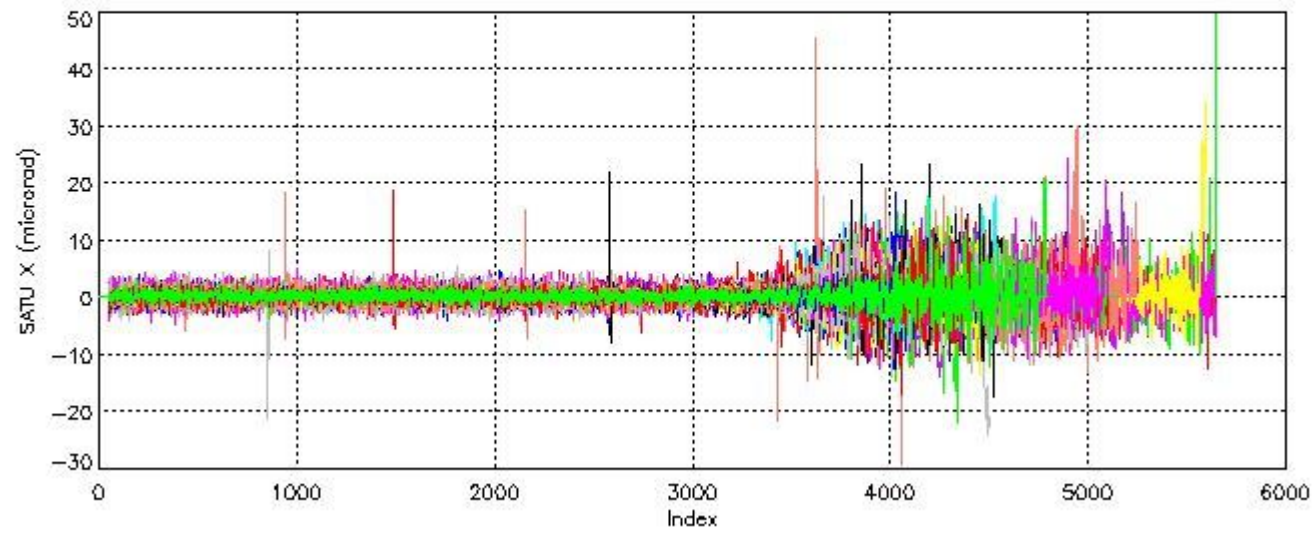
## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.20855	-0.19432	0.18411	-0.090344
St. deviation:	0.58815	2.8213	0.72155	3.0356
Maximum:	8.1000	11.500	5.5000	12.100
Minimum:	-21.100	-34.000	-6.4000	-12.600



Number of data:	54100.	54100.	55300.	55300.
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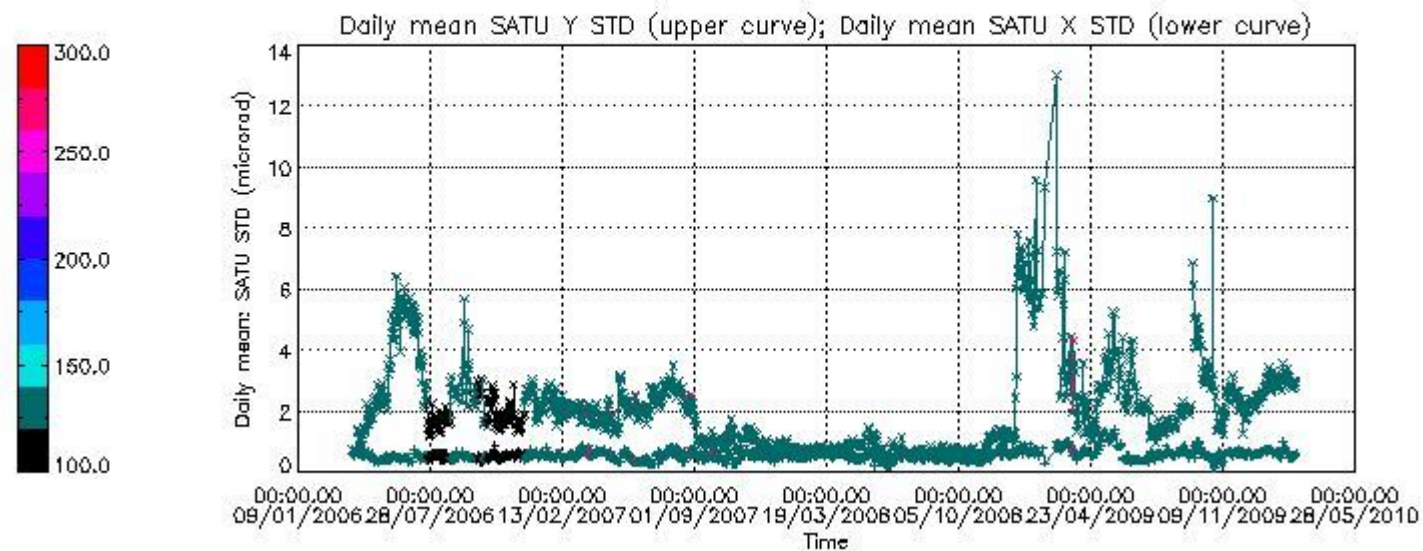
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

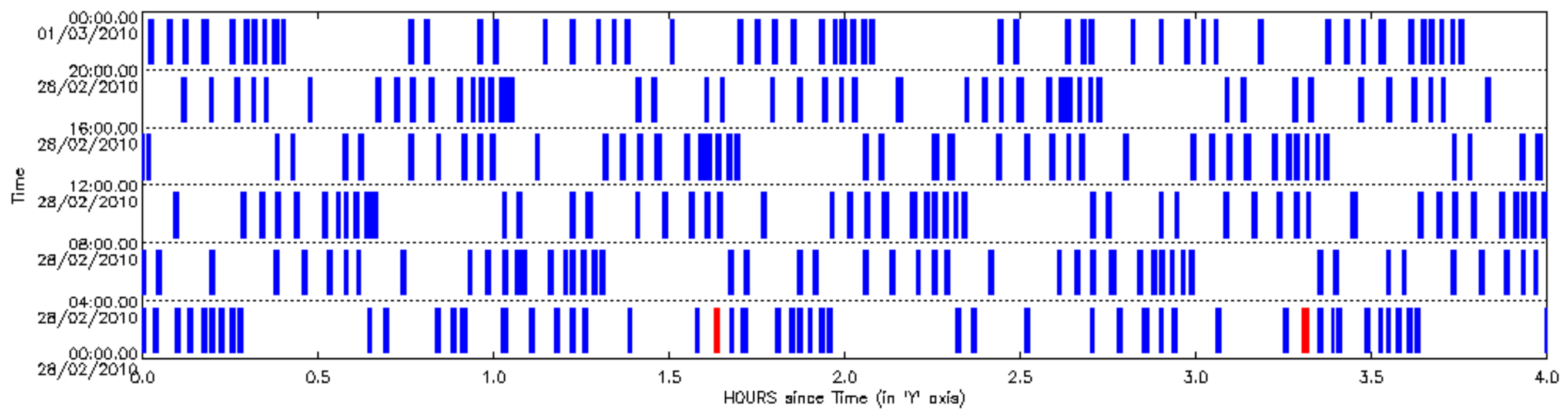
Lower curve: STD of SATU X axis

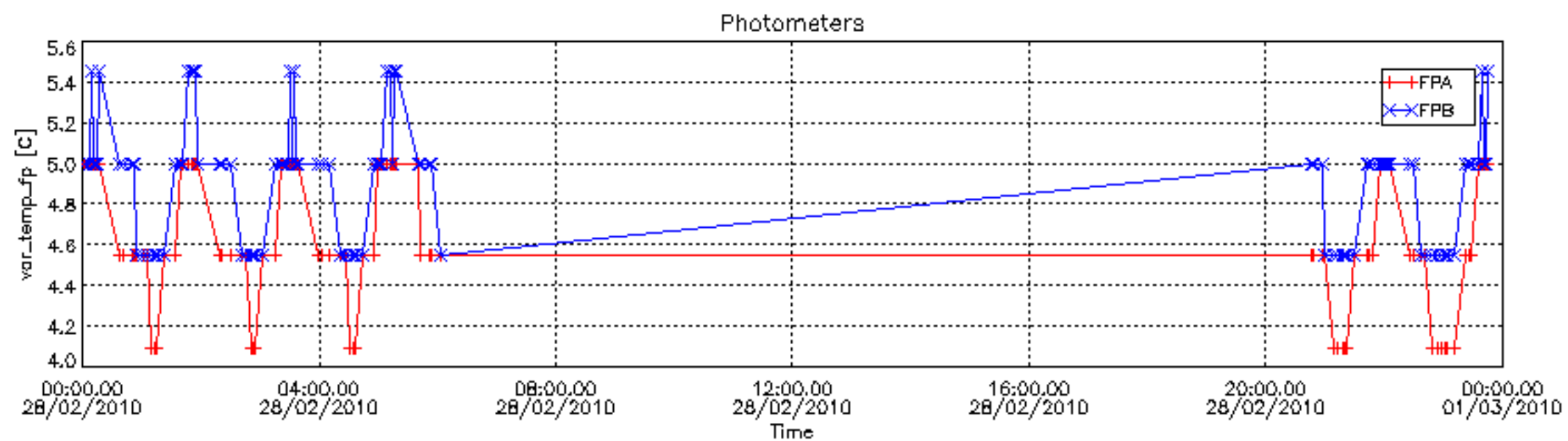
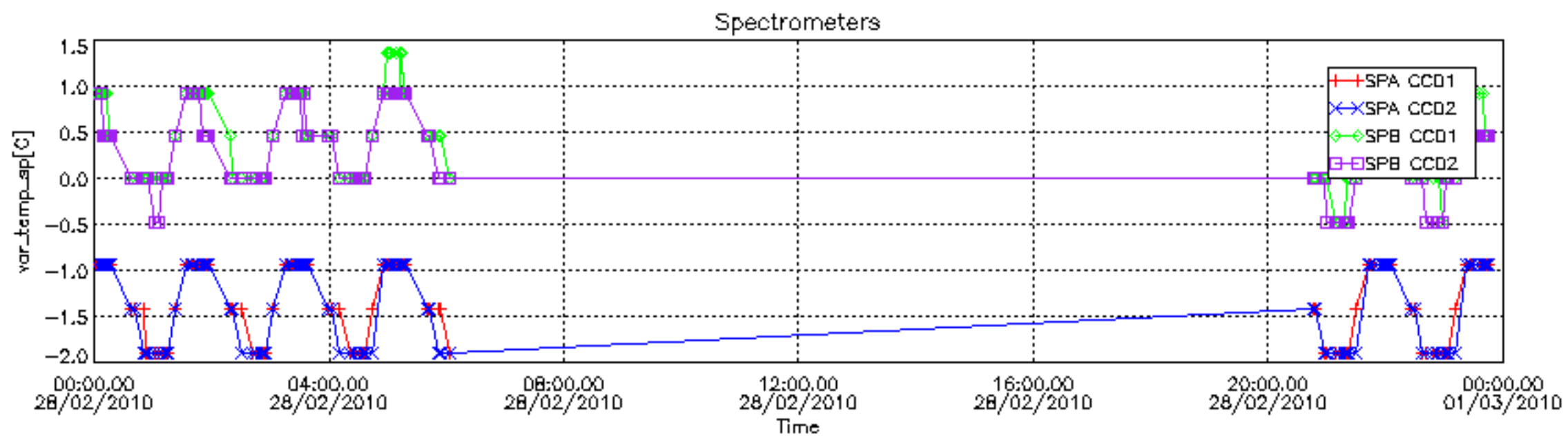


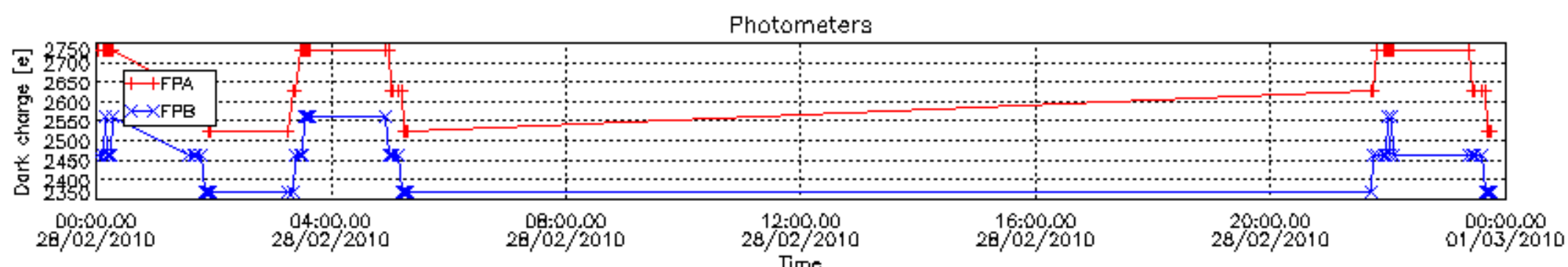
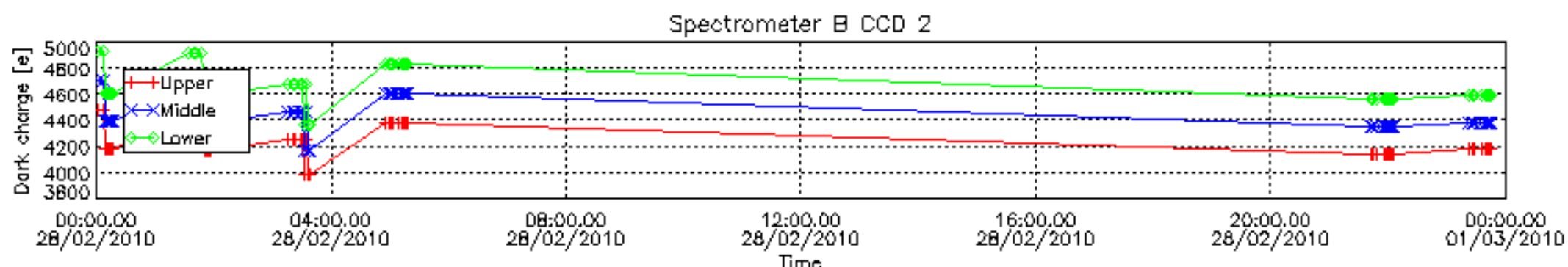
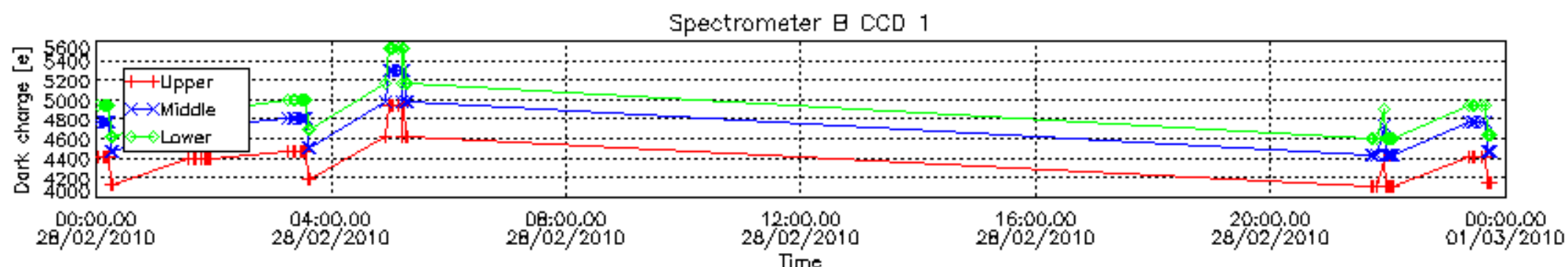
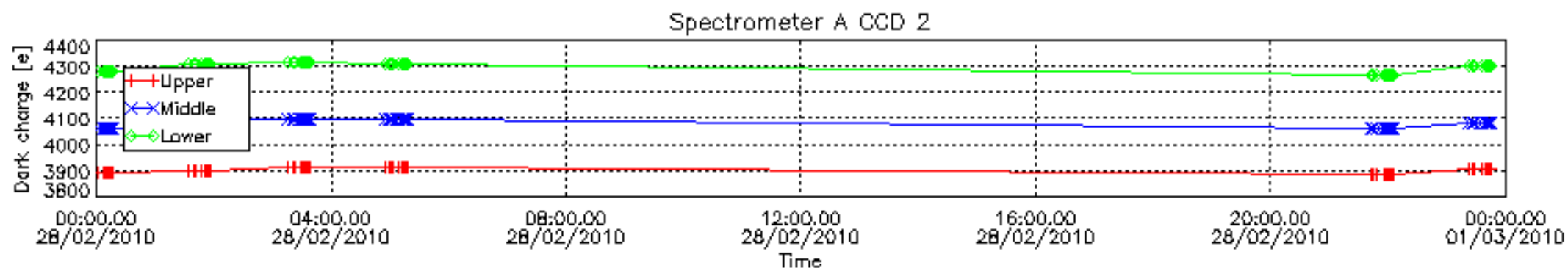
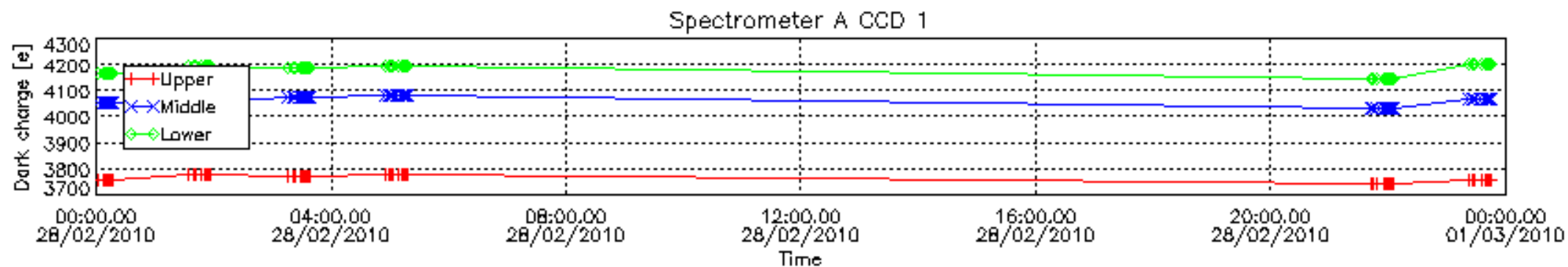
### 8. Auxiliary Data Files used for the production reported in section 2.4

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.

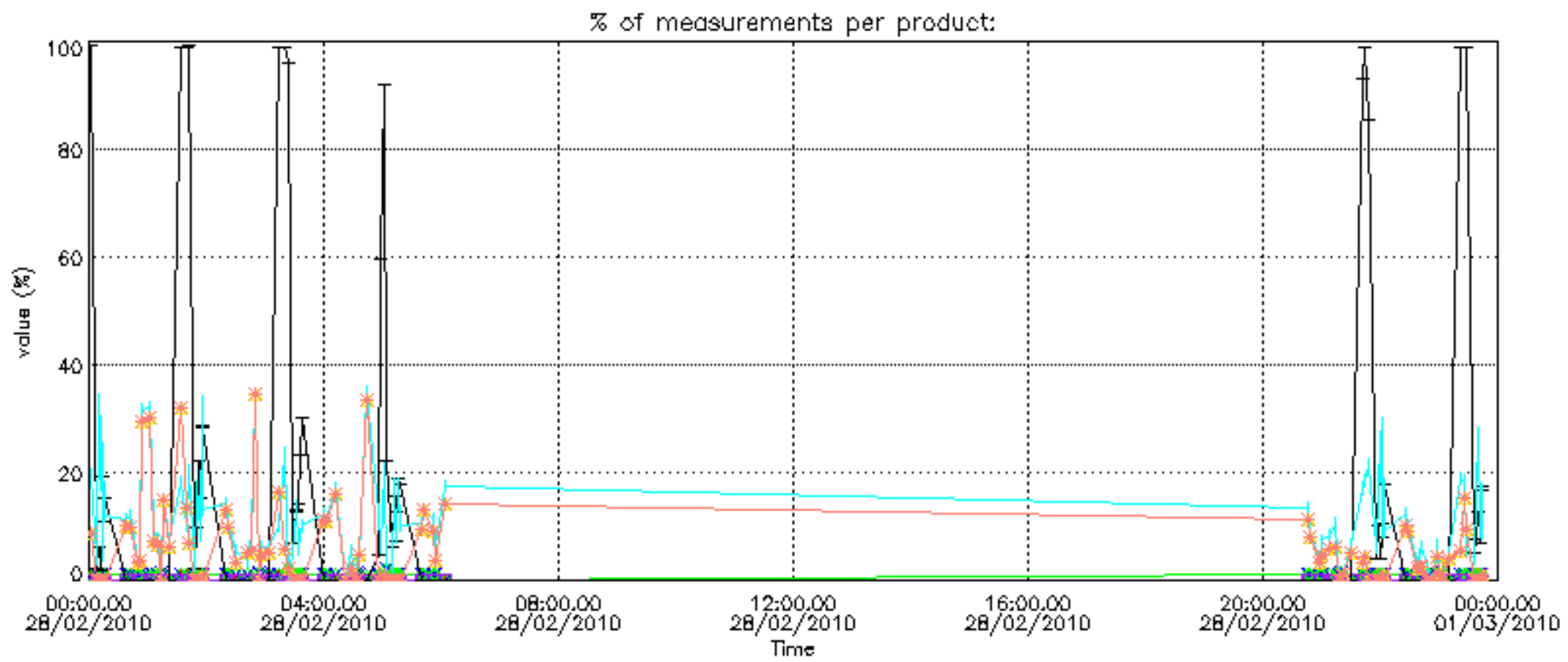
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-FEB-2010 00:01:38
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100223_152102_20100221_000000_20500101_000000	1	28-FEB-2010 00:01:38
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	28-FEB-2010 00:01:38
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	28-FEB-2010 00:01:38
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	28-FEB-2010 00:01:38
ECMWF_FILE	AUX_ECF_AXNECM20100227_054113_20100227_210000_20100228_090000	1	28-FEB-2010 00:01:38
ECMWF_FILE	AUX_ECF_AXNECM20100227_172112_20100228_030000_20100228_150000	50	28-FEB-2010 04:27:09
ECMWF_FILE	AUX_ECF_AXNECM20100228_054113_20100228_150000_20100301_030000	70	28-FEB-2010 20:45:33
ECMWF_FILE	AUX_ECF_AXNECM20100228_054113_20100228_210000_20100301_090000	80	28-FEB-2010 21:41:40
OPTIONAL_ECMWF_FILE	MISSING	1	28-FEB-2010 00:01:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100227_234840_000057382087_00173_41810_9846.N1	1	28-FEB-2010 00:01:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100228_012937_000041442087_00174_41811_9847.N1	19	28-FEB-2010 01:34:22
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100225_222754_20100225_182347_20100307_213037	33	28-FEB-2010 02:50:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100228_041938_000057382087_00176_41813_9849.N1	50	28-FEB-2010 04:27:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100228_202637_000038252087_00186_41823_9850.N1	70	28-FEB-2010 20:45:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100228_213542_000057382087_00186_41823_9851.N1	80	28-FEB-2010 21:41:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100228_231639_000057382087_00187_41824_9852.N1	100	28-FEB-2010 23:22:16



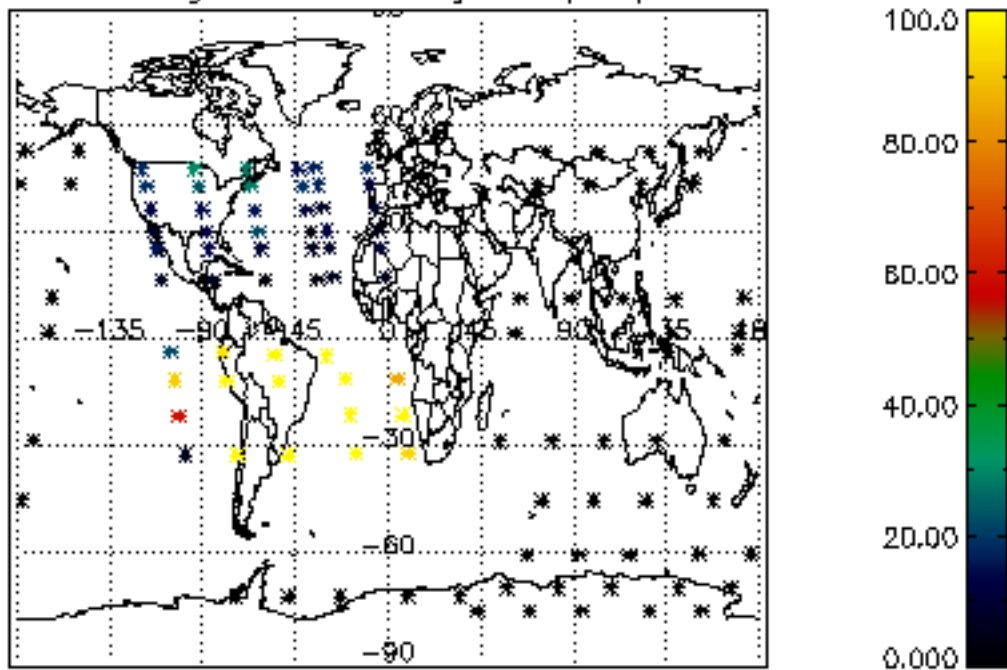




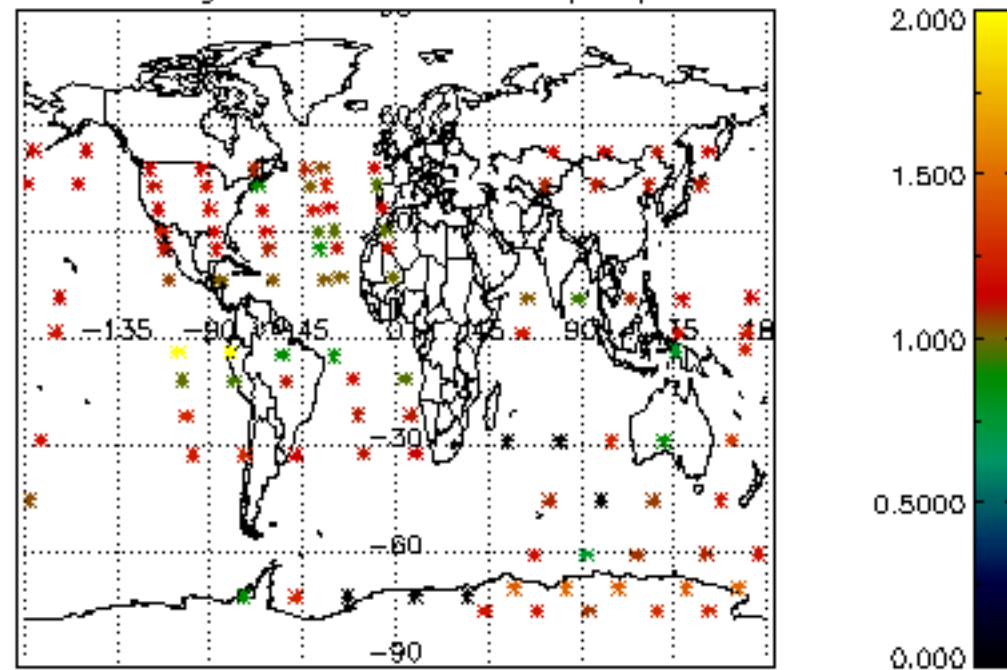




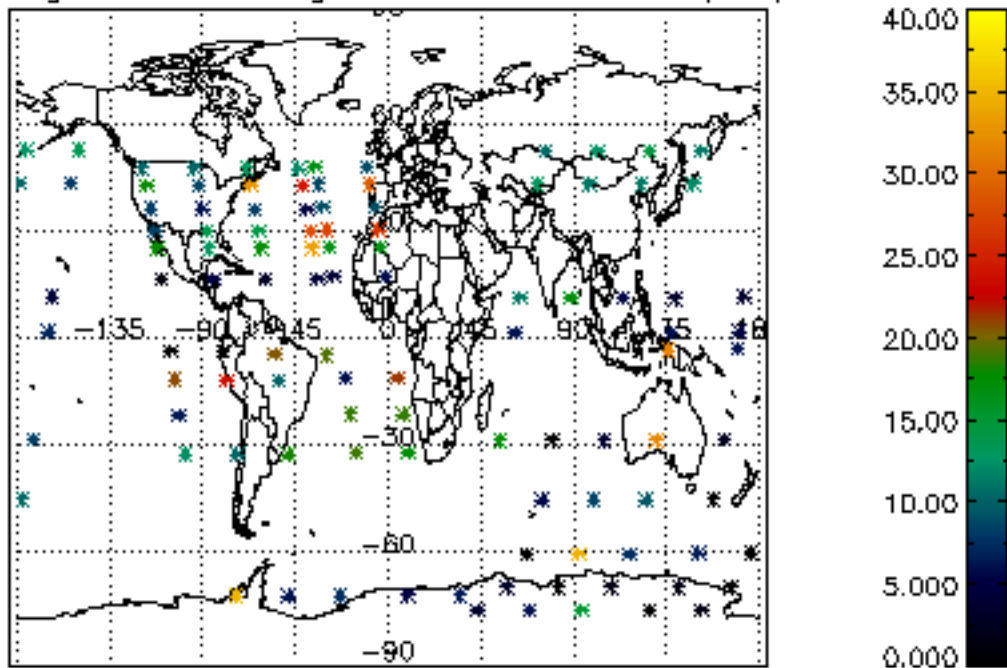
Percentage of cosmic ray hits per profile



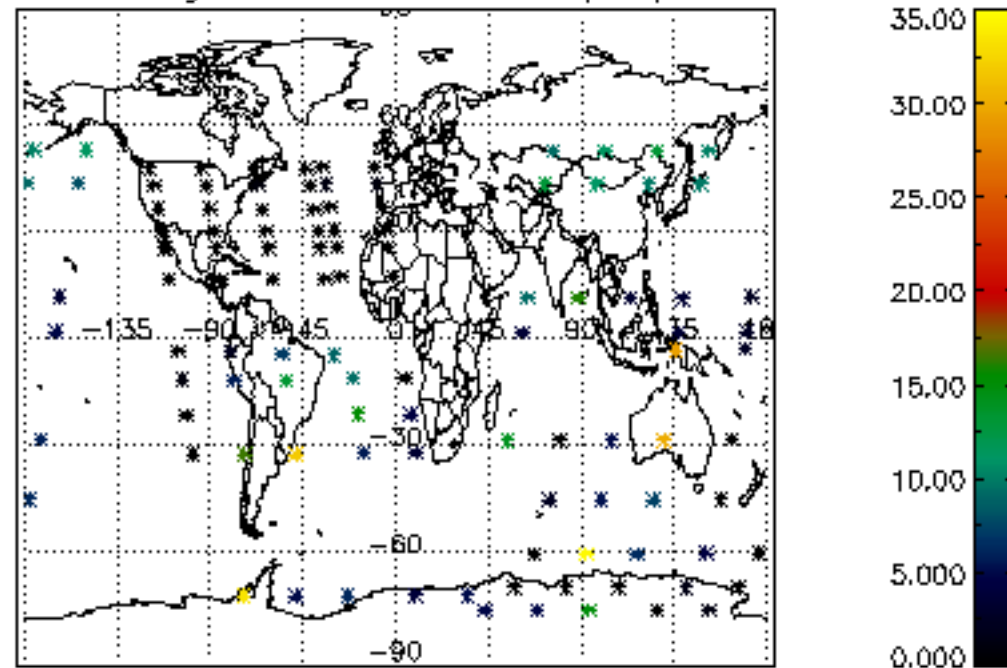
Percentage of datation errors per profile



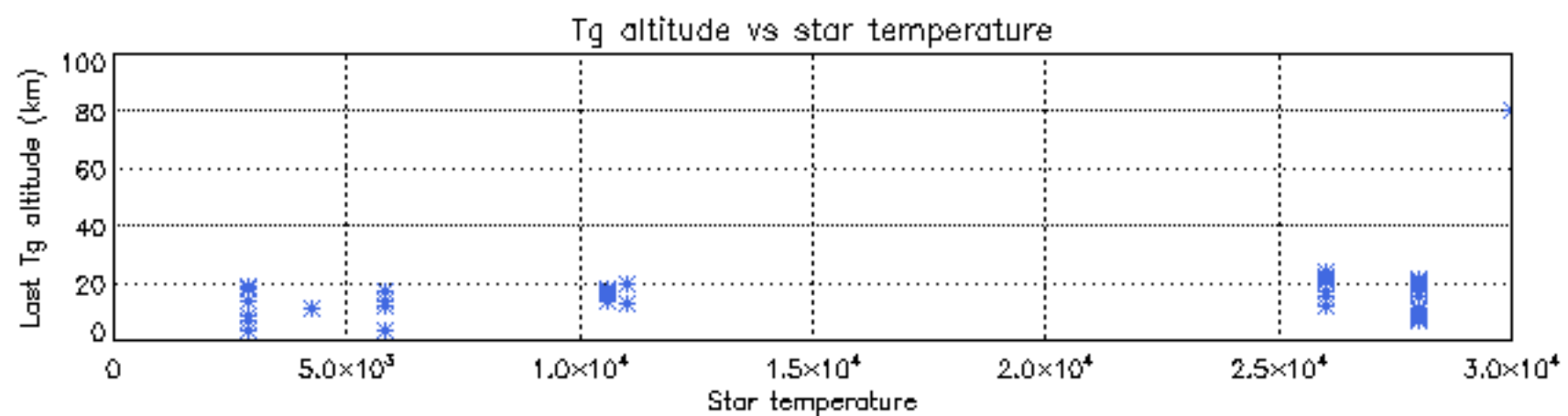
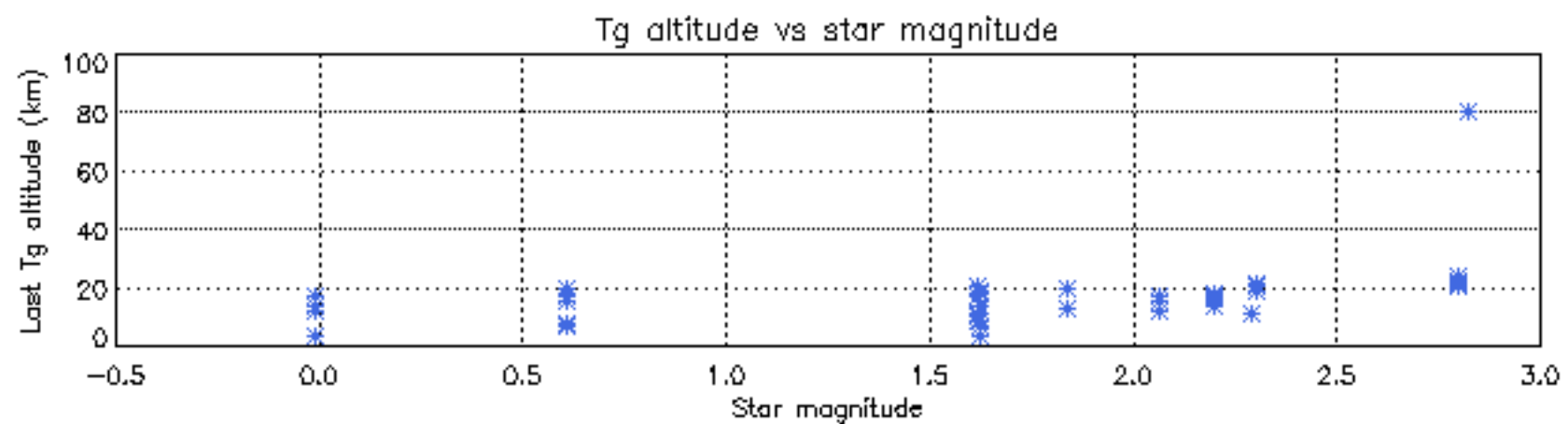
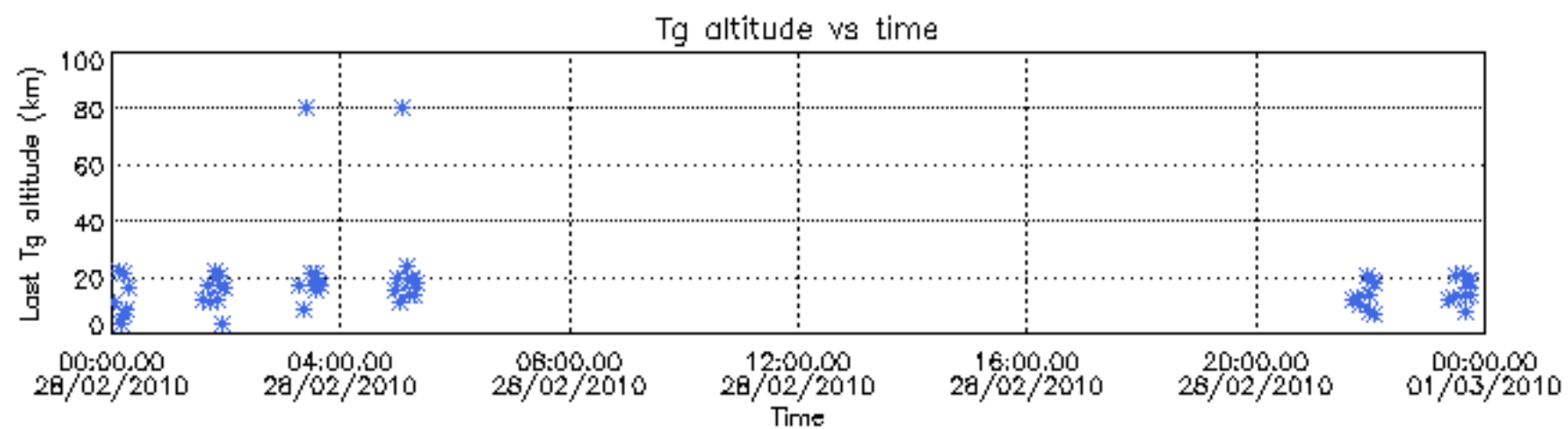
Percentage of star falling outside central band per profile



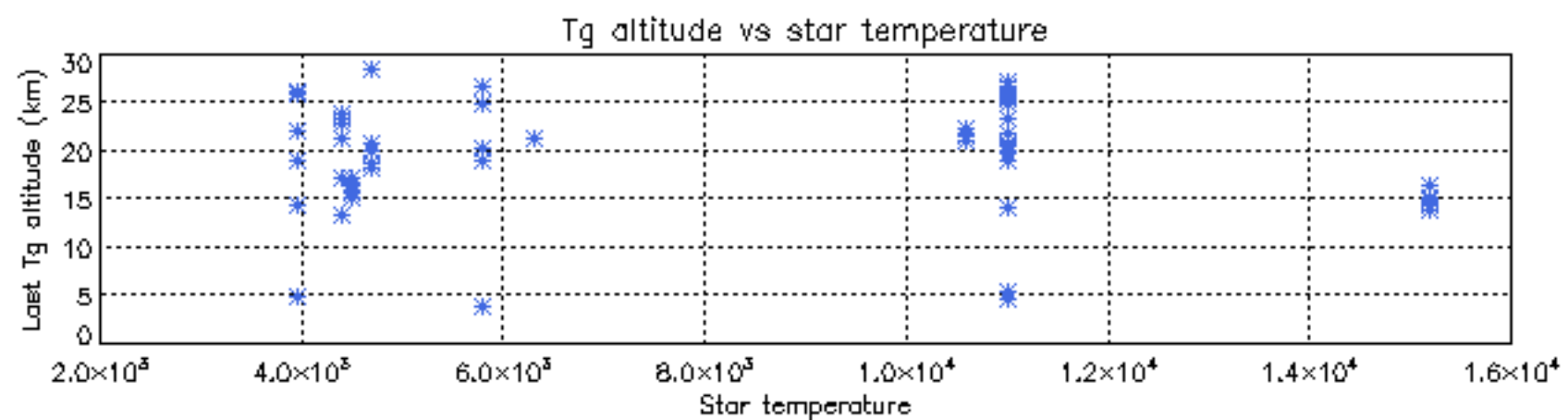
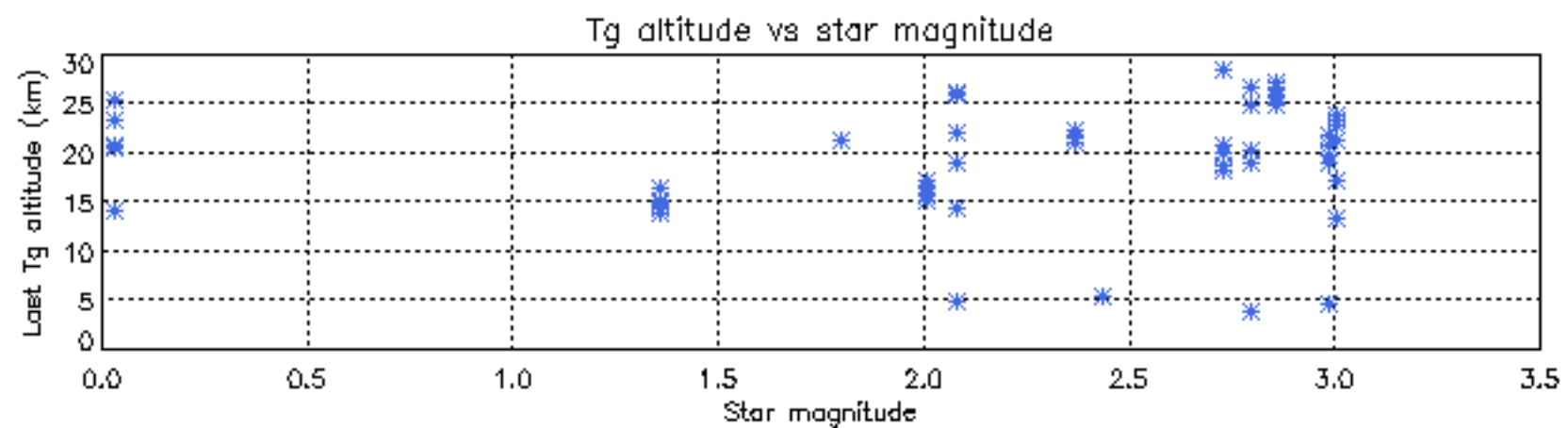
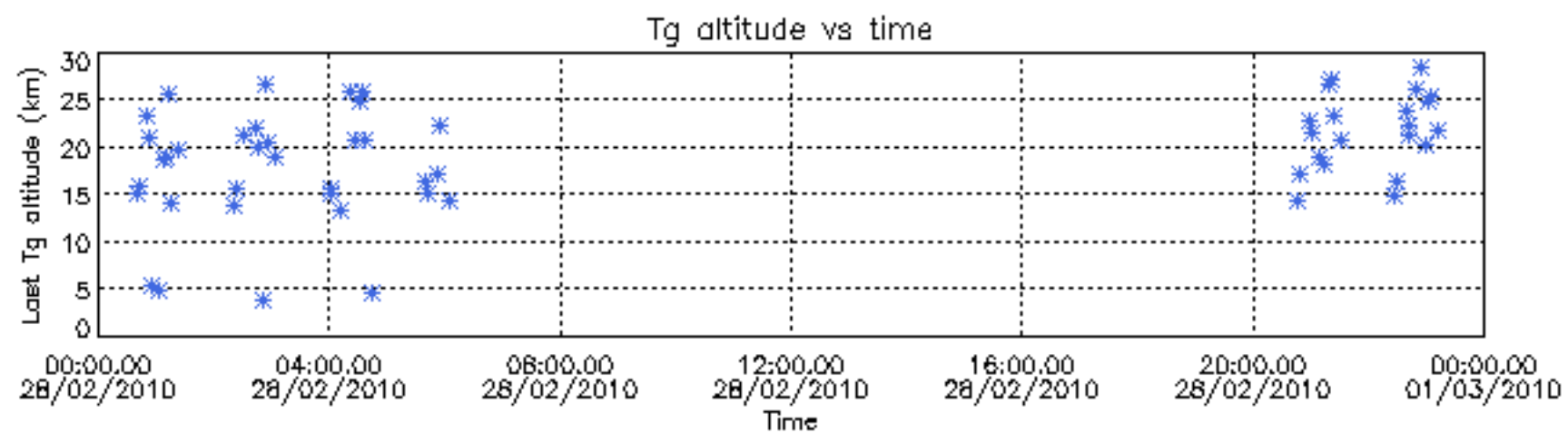
Percentage of saturation errors per profile



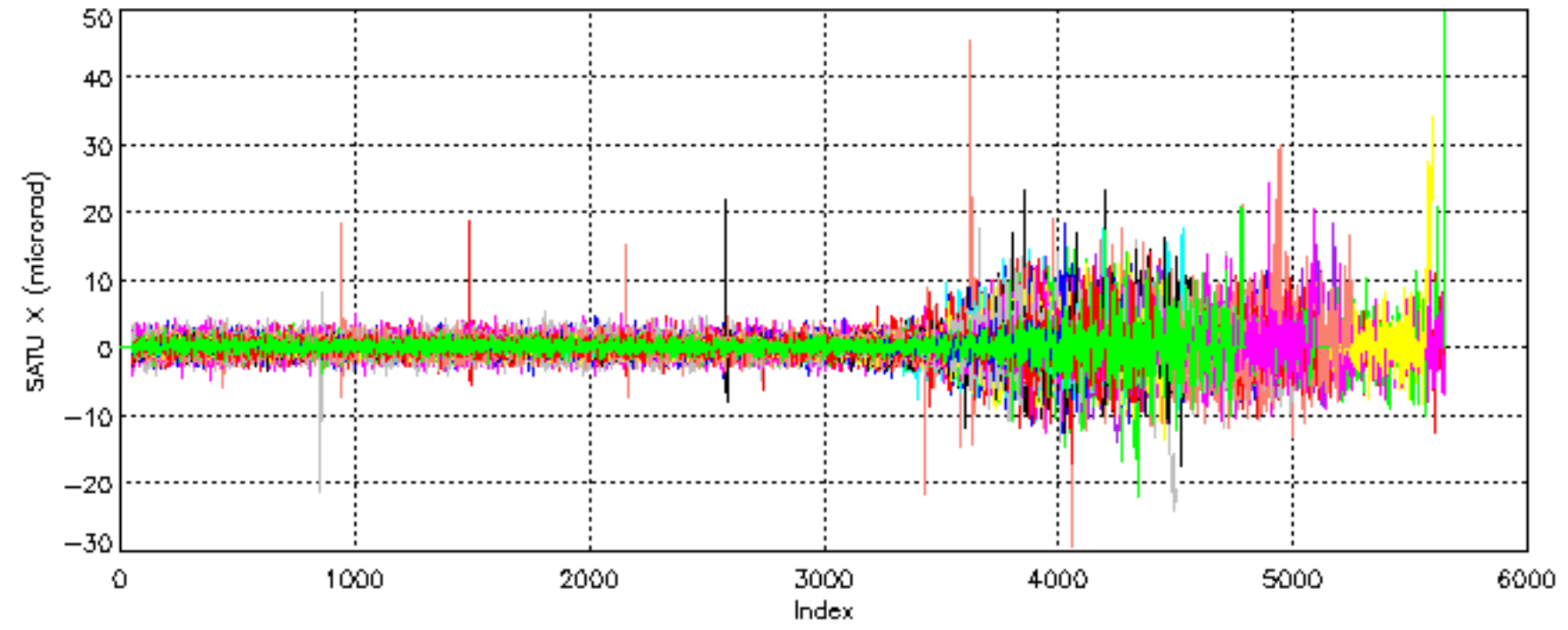
Tangent altitude at which the star is lost

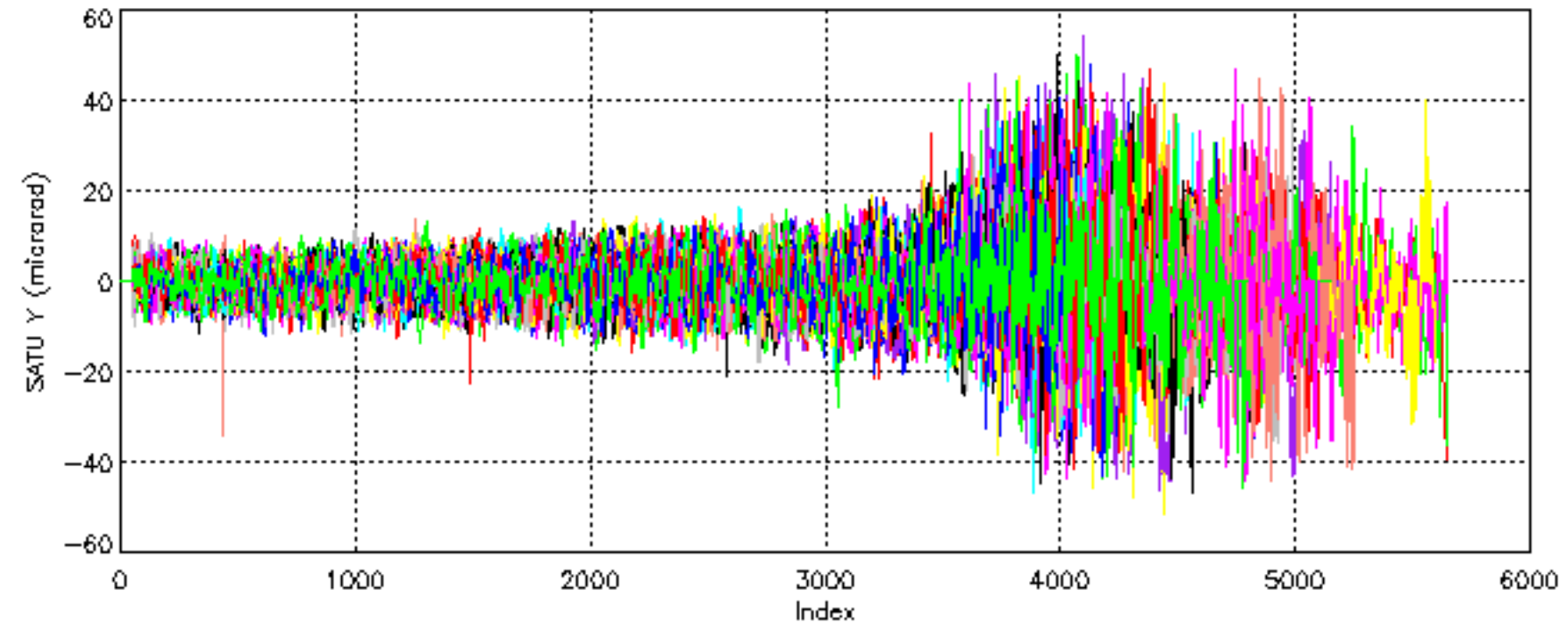


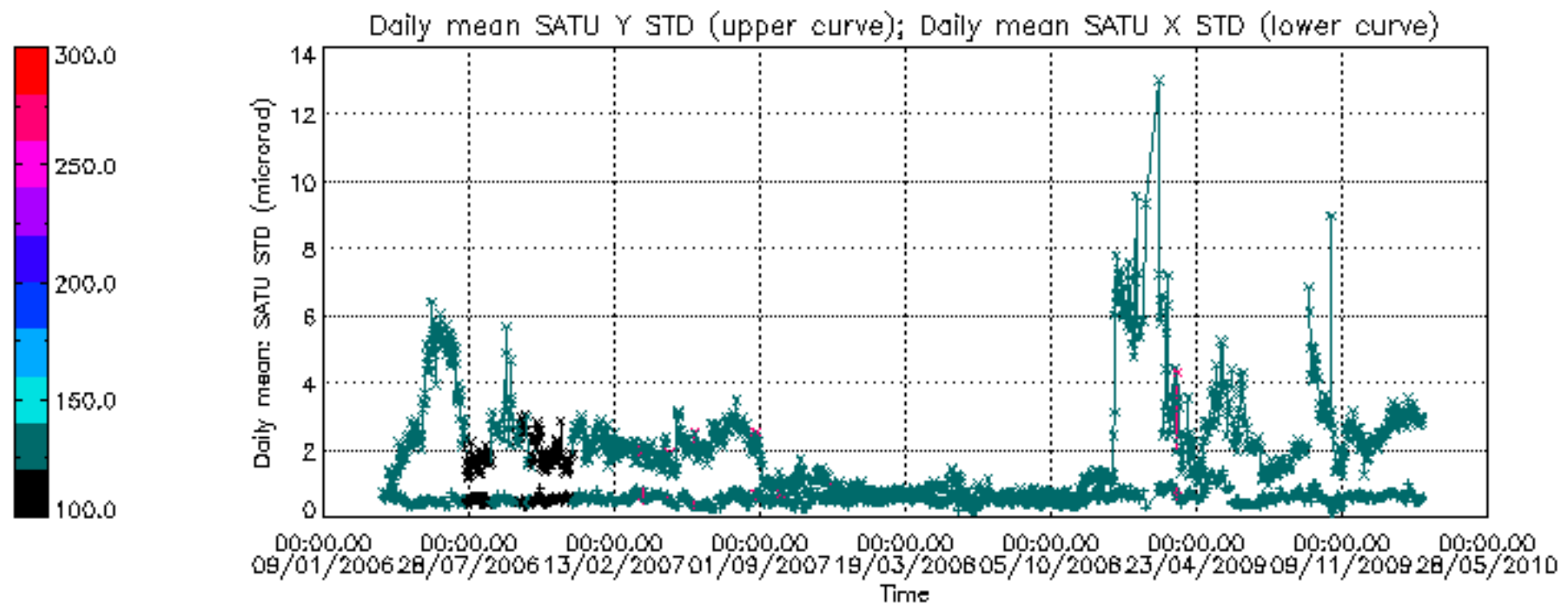
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20100201\_003952\_000056972086\_00288\_41424\_9421.N1

1; -718.0; 01-FEB-2010 00:39:52; Dark ; 41.0; 86; 35Eta Oph ; 2.43; 10200;occ; 82; 8;41424  
 2; -463.4; 01-FEB-2010 00:44:06; Dark ; 49.0; 16; 21Alp Sco ; 1.02; 3000;occ; 98; 0;41424  
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 11; 823.9; 01-FEB-2010 01:05:34; Dark ; 44.0; 71; Iot Car ; 2.25; 7700;occ; 88; 0;41425  
 12; 928.5; 01-FEB-2010 01:07:18; Dark ; 38.5; 46; Del Vel ; 1.95; 10600;occ; 77; 0;41425  
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 18; 2455.8; 01-FEB-2010 01:32:46; Bright; 39.5; 24; 66Alp Gem ; 1.58; 10200;occ; 79; 0;41425  
 19; 3427.8; 01-FEB-2010 01:48:58; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;41425  
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 23; 4304.9; 01-FEB-2010 02:03:35; Bright; 34.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 69; 0;41425  
 24; 4797.7; 01-FEB-2010 02:11:48; Bright; 55.0; 59; 55Alp Oph ; 2.08; 8900;occ; 110; 0;41425  
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 12; 709.0; 01-FEB-2010 02:44:15; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41426  
 13; 824.1; 01-FEB-2010 02:46:10; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;41426  
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 18; 929.4; 01-FEB-2010 04:28:31; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;41427  
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19; 1080.5; 01-FEB-2010 06:11:38; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;41428
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22; 1992.9; 01-FEB-2010 06:26:51; Dark ; 52.0; 8; 10Alp CMi ; 0.40; 6500;occ; 104; 0;41428
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3; 1082.8; 01-FEB-2010 19:36:28; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;41436
4; 1207.6; 01-FEB-2010 19:38:33; Dark ; 40.5; 70; Zet Pup ; 2.25; 39000;occ; 81; 0;41436
5; 1469.4; 01-FEB-2010 19:42:54; Dark ; 42.0; 132; 15Rho Pup ; 2.80; 6900;occ; 84; 0;41436
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11; 712.4; 01-FEB-2010 21:10:53; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;41437
12; 827.5; 01-FEB-2010 21:12:49; Dark ; 38.5; 71; Iot Car ; 2.25; 7700;occ; 77; 0;41437
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16; 1469.8; 01-FEB-2010 21:23:31; Dark ; 43.0; 132; 15Rho Pup ; 2.80; 6900;occ; 86; 0;41437
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 18; 933.9; 02-FEB-2010 07:18:10; Dark ; 45.5; 46; Del Vel ; 1.95; 10600;occ; 91; 0;41443  
 19; 1084.4; 02-FEB-2010 07:20:41; Dark ; 38.5; 34; Gam2Vel ; 1.79; 23000;occ; 77; 0;41443  
 20; 1209.3; 02-FEB-2010 07:22:46; Dark ; 40.5; 70; Zet Pup ; 2.25; 39000;occ; 81; 0;41443  
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 6; 3893.1; 02-FEB-2010 08:07:30; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;41443  
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 12; 5586.1; 02-FEB-2010 08:35:43; Dark ; 48.0; 16; 21Alp Sco ; 1.02; 3000;occ; 96; 0;41443  
 13; 5673.1; 02-FEB-2010 08:37:10; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;41443  
 14; 5935.3; 02-FEB-2010 08:41:32; Dark ; 43.5; 131; Gam Lup ; 2.80; 26000;occ; 87; 0;41443  
 15; 6071.1; 02-FEB-2010 08:43:48; Dark ; 45.5; 109; Bet Lup ; 2.68; 26000;occ; 91; 0;41443  
 16; 6241.2; 02-FEB-2010 08:46:38; Dark ; 41.0; 4; Alp1Cen ; -0.01; 5800;occ; 82; 0;41443  
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 18; 6516.4; 02-FEB-2010 08:51:13; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;41443  
 19; 6642.5; 02-FEB-2010 08:53:19; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;41443  
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 22; 6969.8; 02-FEB-2010 08:58:46; Dark ; 44.5; 46; Del Vel ; 1.95; 10600;occ; 89; 0;41443  
 23; 7120.3; 02-FEB-2010 09:01:17; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;41443  
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 3; 2454.1; 02-FEB-2010 09:24:07; Bright; 39.0; 24; 66Alp Gem ; 1.58; 10200;occ; 78; 0;41444  
 4; 3428.1; 02-FEB-2010 09:40:21; Bright; 50.0; 49; 1Alp UMi ; 1.99; 6300;occ; 100; 0;41444  
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 6; 3893.1; 02-FEB-2010 09:48:05; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;41444  
 7; 4086.4; 02-FEB-2010 09:51:19; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;41444  
 8; 4307.5; 02-FEB-2010 09:55:00; Bright; 35.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 70; 0;41444  
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 11; 5324.2; 02-FEB-2010 10:11:57; Dark ; 42.5; 86; 35Eta Oph ; 2.43; 10200;occ; 85; 0;41444  
 12; 5586.8; 02-FEB-2010 10:16:19; Dark ; 56.5; 16; 21Alp Sco ; 1.02; 3000;occ; 113; 0;41444  
 13; 5674.0; 02-FEB-2010 10:17:46; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;41444  
 14; 6005.4; 02-FEB-2010 10:23:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41444  
 15; 6241.7; 02-FEB-2010 10:27:14; Dark ; 42.0; 4; Alp1Cen ; -0.01; 5800;occ; 84; 0;41444  
 16; 6314.7; 02-FEB-2010 10:28:27; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;41444  
 17; 6517.0; 02-FEB-2010 10:31:49; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;41444  
 18; 6643.2; 02-FEB-2010 10:33:56; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;41444  
 19; 6751.2; 02-FEB-2010 10:35:44; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;41444  
 20; 6866.1; 02-FEB-2010 10:37:38; Dark ; 45.5; 71; Iot Car ; 2.25; 7700;occ; 91; 0;41444



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11; 5324.8; 02-FEB-2010 11:52:33; Dark ; 40.5; 86; 35Eta Oph ; 2.43; 10200;occ; 81; 0;41445
12; 5587.4; 02-FEB-2010 11:56:56; Dark ; 53.0; 16; 21Alp Sco ; 1.02; 3000;occ; 106; 0;41445
13; 5675.3; 02-FEB-2010 11:58:24; Dark ; 46.5; 158; 6Pi Sco ; 2.91; 28000;occ; 93; 0;41445
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22; 6970.5; 02-FEB-2010 12:19:59; Dark ; 44.0; 46; Del Vel ; 1.95; 10600;occ; 88; 0;41445
23; 7120.8; 02-FEB-2010 12:22:29; Dark ; 37.0; 34; Gam2Vel ; 1.79; 23000;occ; 74; 0;41445
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21; 6644.7; 02-FEB-2010 13:55:09; Dark ; 46.5; 99; Del Cen ; 2.58; 26000;occ; 93; 0;41446
22; 6751.6; 02-FEB-2010 13:56:56; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41446
23; 6867.0; 02-FEB-2010 13:58:51; Dark ; 37.5; 71; Iot Car ; 2.25; 7700;occ; 75; 0;41446
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 23; 6971.1; 02-FEB-2010 15:41:11; Dark ; 39.0; 46; Del Vel ; 1.95; 10600;occ; 78; 0;41447  
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 2; 1210.7; 02-FEB-2010 17:26:23; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000;occ; 83; 0;41449  
 3; 1471.8; 02-FEB-2010 17:30:44; Dark ; 39.5; 132; 15Rho Pup ; 2.80; 6900;occ; 79; 0;41449  
 4; 1993.3; 02-FEB-2010 17:39:25; Dark ; 50.0; 8; 10Alp CMi ; 0.40; 6500;occ; 100; 0;41449  
 5; 2350.1; 02-FEB-2010 17:45:22; Bright; 31.5; 170; 27Eps Gem ; 3.00; 9700;occ; 63; 0;41449  
 6; 2453.6; 02-FEB-2010 17:47:06; Bright; 38.5; 24; 66Alp Gem ; 1.58; 10200;occ; 77; 0;41449  
 7; 3428.1; 02-FEB-2010 18:03:20; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;41449  
 8; 3607.4; 02-FEB-2010 18:06:19; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;41449  
 9; 3891.8; 02-FEB-2010 18:11:04; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;41449  
 10; 4086.7; 02-FEB-2010 18:14:19; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;41449  
 11; 4308.2; 02-FEB-2010 18:18:00; Bright; 35.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 71; 0;41449  
 12; 4804.9; 02-FEB-2010 18:26:17; Bright; 56.0; 59; 55Alp Oph ; 2.08; 8900;occ; 112; 0;41449  
 13; 4933.3; 02-FEB-2010 18:28:25; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;41449  
 14; 5327.1; 02-FEB-2010 18:34:59; Dark ; 44.0; 86; 35Eta Oph ; 2.43; 10200;occ; 88; 0;41449  
 15; 5590.6; 02-FEB-2010 18:39:23; Dark ; 50.0; 16; 21Alp Sco ; 1.02; 3000;occ; 100; 0;41449  
 16; 5678.9; 02-FEB-2010 18:40:51; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;41449  
 17; 6007.5; 02-FEB-2010 18:46:19; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;41449  
 18; 6160.6; 02-FEB-2010 18:48:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41449  
 19; 6244.6; 02-FEB-2010 18:50:17; Dark ; 43.5; 4; Alp1Cen ;-0.01; 5800;occ; 87; 0;41449  
 20; 6317.7; 02-FEB-2010 18:51:30; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;41449  
 21; 6519.8; 02-FEB-2010 18:54:52; Dark ; 51.5; 12; Alp1Cru ; 0.77; 30000;occ; 103; 0;41449  
 22; 6646.8; 02-FEB-2010 18:56:59; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;41449  
 23; 6752.5; 02-FEB-2010 18:58:44; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41449  
 24; 6867.6; 02-FEB-2010 19:00:40; Dark ; 44.0; 71; Iot Car ; 2.25; 7700;occ; 88; 0;41449  
 25; 6971.8; 02-FEB-2010 19:02:24; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;41449  
 26; 7121.8; 02-FEB-2010 19:04:54; Dark ; 14.5; 34; Gam2Vel ; 1.79; 23000;occ; 29; 0;41449



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 3; 1472.0; 02-FEB-2010 19:11:20; Dark ; 41.0; 132; 15Rho Pup ; 2.80; 6900;occ; 82; 0;41450  
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 5; 2390.5; 02-FEB-2010 19:26:38; Bright; 40.5; 17; 78Bet Gem ; 1.16; 4500;occ; 81; 0;41450  
 6; 3428.1; 02-FEB-2010 19:43:56; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;41450  
 7; 3607.4; 02-FEB-2010 19:46:55; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;41450  
 8; 3891.7; 02-FEB-2010 19:51:40; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;41450  
 9; 4086.7; 02-FEB-2010 19:54:55; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;41450  
 10; 4308.4; 02-FEB-2010 19:58:36; Bright; 34.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 68; 0;41450  
 11; 4805.3; 02-FEB-2010 20:06:53; Bright; 56.0; 59; 55Alp Oph ; 2.08; 8900;occ; 112; 0;41450  
 12; 4933.9; 02-FEB-2010 20:09:02; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;41450  
 13; 5327.7; 02-FEB-2010 20:15:36; Dark ; 43.0; 86; 35Eta Oph ; 2.43; 10200;occ; 86; 0;41450  
 14; 5591.1; 02-FEB-2010 20:19:59; Dark ; 52.5; 16; 21Alp Sco ; 1.02; 3000;occ; 105; 0;41450  
 15; 5680.0; 02-FEB-2010 20:21:28; Dark ; 48.0; 158; 6Pi Sco ; 2.91; 28000;occ; 96; 0;41450  
 16; 5941.0; 02-FEB-2010 20:25:49; Dark ; 42.5; 131; Gam Lup ; 2.80; 26000;occ; 85; 0;41450  
 17; 6161.2; 02-FEB-2010 20:29:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41450  
 18; 6245.0; 02-FEB-2010 20:30:53; Dark ; 41.0; 4; Alp1Cen ;-0.01; 5800;occ; 82; 0;41450  
 19; 6318.2; 02-FEB-2010 20:32:06; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;41450  
 20; 6520.3; 02-FEB-2010 20:35:28; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;41450  
 21; 6647.9; 02-FEB-2010 20:37:36; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;41450  
 22; 6752.7; 02-FEB-2010 20:39:21; Dark ; 40.0; 159; Ups Car ; 2.92; 7200;occ; 80; 0;41450  
 23; 6868.1; 02-FEB-2010 20:41:16; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;41450  
 24; 6971.9; 02-FEB-2010 20:43:00; Dark ; 3.5; 46; Del Vel ; 1.95; 10600;occ; 7; 0;41450

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 4; 127.4; 03-FEB-2010 01:31:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41454  
 5; 210.9; 03-FEB-2010 01:32:42; Dark ; 45.5; 4; Alp1Cen ;-0.01; 5800;occ; 91; 0;41454  
 6; 284.1; 03-FEB-2010 01:33:56; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;41454  
 7; 486.2; 03-FEB-2010 01:37:18; Dark ; 48.5; 12; Alp1Cru ; 0.77; 30000;occ; 97; 0;41454  
 8; 614.2; 03-FEB-2010 01:39:26; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;41454  
 9; 717.9; 03-FEB-2010 01:41:09; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41454  
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 11; 937.0; 03-FEB-2010 01:44:49; Dark ; 38.5; 46; Del Vel ; 1.95; 10600;occ; 77; 0;41454  
 12; 1086.6; 03-FEB-2010 01:47:18; Dark ; 42.5; 34; Gam2Vel ; 1.79; 23000;occ; 85; 0;41454  
 13; 1211.7; 03-FEB-2010 01:49:23; Dark ; 41.0; 70; Zet Pup ; 2.25; 39000;occ; 82; 0;41454  
 14; 1472.7; 03-FEB-2010 01:53:44; Dark ; 42.0; 132; 15Rho Pup ; 2.80; 6900;occ; 84; 0;41454  
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 17; 3428.3; 03-FEB-2010 02:26:20; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;41454  
 18; 3606.0; 03-FEB-2010 02:29:17; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;41454  
 19; 3891.1; 03-FEB-2010 02:34:03; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;41454  
 20; 4086.4; 03-FEB-2010 02:37:18; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;41454  
 21; 4308.8; 03-FEB-2010 02:41:00; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;41454  
 22; 4806.5; 03-FEB-2010 02:49:18; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;41454  
 23; 4935.1; 03-FEB-2010 02:51:27; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;41454  
 24; 5329.7; 03-FEB-2010 02:58:01; Dark ; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;41454  
 25; 5594.3; 03-FEB-2010 03:02:26; Dark ; 48.0; 16; 21Alp Sco ; 1.02; 3000;occ; 96; 0;41454  
 26; 5944.5; 03-FEB-2010 03:08:16; Dark ; 44.5; 131; Gam Lup ; 2.80; 26000;occ; 89; 0;41454  
 27; 6081.3; 03-FEB-2010 03:10:33; Dark ; 45.0; 109; Bet Lup ; 2.68; 26000;occ; 90; 0;41454  
 28; 6164.1; 03-FEB-2010 03:11:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41454  
 29; 6247.3; 03-FEB-2010 03:13:19; Dark ; 42.5; 4; Alp1Cen ;-0.01; 5800;occ; 85; 0;41454  
 30; 6320.5; 03-FEB-2010 03:14:32; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;41454  
 31; 6522.3; 03-FEB-2010 03:17:54; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;41454  
 32; 6651.0; 03-FEB-2010 03:20:02; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;41454  
 33; 6754.3; 03-FEB-2010 03:21:46; Dark ; 36.5; 159; Ups Car ; 2.92; 7200;occ; 73; 0;41454  
 34; 6869.4; 03-FEB-2010 03:23:41; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;41454  
 35; 6973.2; 03-FEB-2010 03:25:25; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;41454  
 36; 7123.0; 03-FEB-2010 03:27:54; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;41454  
 37; 7248.0; 03-FEB-2010 03:30:00; Dark ; 39.5; 70; Zet Pup ; 2.25; 39000;occ; 79; 0;41454  
 38; 7508.8; 03-FEB-2010 03:34:20; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;41454  
 39; 8029.3; 03-FEB-2010 03:43:01; Dark ; 47.0; 8; 10Alp CMi ; 0.40; 6500;occ; 94; 0;41454  
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3;-2144.7; 03-FEB-2010 04:14:39; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;41455
4;-1949.3; 03-FEB-2010 04:17:54; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;41455
5;-1726.8; 03-FEB-2010 04:21:37; Bright; 42.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 85; 0;41455
6;-1229.3; 03-FEB-2010 04:29:54; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;41455
7;-1100.6; 03-FEB-2010 04:32:03; Bright; 45.0; 126; 60Bet Oph ; 2.77; 4250;occ; 90; 0;41455
8; -705.7; 03-FEB-2010 04:38:38; Dark ; 45.0; 86; 35Eta Oph ; 2.43; 10200;occ; 90; 0;41455
9; -440.8; 03-FEB-2010 04:43:03; Dark ; 56.5; 16; 21Alp Sco ; 1.02; 3000;occ; 113; 0;41455
10; -351.3; 03-FEB-2010 04:44:32; Dark ; 48.0; 158; 6Pi Sco ; 2.91; 28000;occ; 96; 0;41455
11; -90.8; 03-FEB-2010 04:48:53; Dark ; 46.5; 131; Gam Lup ; 2.80; 26000;occ; 93; 0;41455
12; 46.2; 03-FEB-2010 04:51:10; Dark ; 44.5; 109; Bet Lup ; 2.68; 26000;occ; 89; 0;41456
13; 212.0; 03-FEB-2010 04:53:55; Dark ; 56.0; 4; Alp1Cen ;-0.01; 5800;occ; 112; 0;41456
14; 285.3; 03-FEB-2010 04:55:09; Dark ; 50.0; 10; Bet Cen ; 0.61; 28000;occ; 100; 0;41456
15; 486.8; 03-FEB-2010 04:58:30; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;41456
16; 615.8; 03-FEB-2010 05:00:39; Dark ; 51.0; 99; Del Cen ; 2.58; 26000;occ; 102; 0;41456
17; 718.4; 03-FEB-2010 05:02:22; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41456
18; 833.7; 03-FEB-2010 05:04:17; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;41456
19; 937.6; 03-FEB-2010 05:06:01; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;41456
20; 1087.3; 03-FEB-2010 05:08:31; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;41456
21; 1212.2; 03-FEB-2010 05:10:36; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000;occ; 83; 0;41456
22; 1473.1; 03-FEB-2010 05:14:56; Dark ; 41.5; 132; 15Rho Pup ; 2.80; 6900;occ; 83; 0;41456
23; 1993.5; 03-FEB-2010 05:23:37; Dark ; 47.0; 8; 10Alp CMi ; 0.40; 6500;occ; 94; 0;41456
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26; 3605.8; 03-FEB-2010 05:50:29; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;41456
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3;-1726.9; 03-FEB-2010 06:02:12; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;41456
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12; 487.5; 03-FEB-2010 06:39:07; Dark ; 48.5; 12; Alp1Cru ; 0.77; 30000;occ; 97; 0;41457
13; 616.6; 03-FEB-2010 06:41:16; Dark ; 45.5; 99; Del Cen ; 2.58; 26000;occ; 91; 0;41457
14; 719.0; 03-FEB-2010 06:42:58; Dark ; 37.5; 159; Ups Car ; 2.92; 7200;occ; 75; 0;41457
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18; 1212.6; 03-FEB-2010 06:51:12; Dark ; 41.0; 70; Zet Pup ; 2.25; 39000;occ; 82; 0;41457
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22; 3428.1; 03-FEB-2010 07:28:07; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;41457
23; 3605.3; 03-FEB-2010 07:31:05; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;41457
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3; 1214.3; 03-FEB-2010 20:16:01; Dark ; 40.5; 70; Zet Pup ; 2.25; 39000;occ; 81; 0;41465
4; 1474.8; 03-FEB-2010 20:20:22; Dark ; 42.0; 132; 15Rho Pup ; 2.80; 6900;occ; 84; 0;41465
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6; 2388.7; 03-FEB-2010 20:35:35; Bright; 40.5; 17; 78Bet Gem ; 1.16; 4500;occ; 81; 0;41465
7; 3428.3; 03-FEB-2010 20:52:55; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;41465
8; 3603.3; 03-FEB-2010 20:55:50; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;41465
9; 3889.0; 03-FEB-2010 21:00:36; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;41465
10; 4086.1; 03-FEB-2010 21:03:53; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;41465
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13; 4938.9; 03-FEB-2010 21:18:06; Bright; 54.5; 126; 60Bet Oph ; 2.77; 4250;occ; 109; 0;41465
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3; -341.2; 03-FEB-2010 21:30:41; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;41465
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 4; 3604.2; 03-FEB-2010 15:54:03; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;41462
 5; 3889.6; 03-FEB-2010 15:58:48; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;41462
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 9; 5334.3; 03-FEB-2010 16:22:53; Dark ; 45.5; 86; 35Eta Oph ; 2.43; 10200;occ; 91; 0;41462
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13; 6088.8; 03-FEB-2010 16:35:28; Dark ; 46.0; 109; Bet Lup ; 2.68; 26000;occ; 92; 0;41462
14; 6169.9; 03-FEB-2010 16:36:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41462
15; 6251.7; 03-FEB-2010 16:38:11; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;41462
16; 6325.6; 03-FEB-2010 16:39:24; Dark ; 46.0; 10; Bet Cen ; 0.61; 28000;occ; 92; 0;41462
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 9; 4310.0; 03-FEB-2010 17:46:25; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;41463
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11; 4938.5; 03-FEB-2010 17:56:53; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;41463
12; 5334.9; 03-FEB-2010 18:03:30; Dark ; 45.5; 86; 35Eta Oph ; 2.43; 10200;occ; 91; 0;41463
13; 5601.1; 03-FEB-2010 18:07:56; Dark ; 51.5; 16; 21Alp Sco ; 1.02; 3000;occ; 103; 0;41463
14; 5692.6; 03-FEB-2010 18:09:27; Dark ; 46.5; 158; 6Pi Sco ; 2.91; 28000;occ; 93; 0;41463
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 21; 6872.2; 03-FEB-2010 18:29:07; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;41463  
 22; 6975.8; 03-FEB-2010 18:30:51; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;41463  
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 8; 493.3; 04-FEB-2010 01:05:48; Dark ; 50.5; 12; Alp1Cru ; 0.77; 30000;occ; 101; 0;41468  
 9; 625.0; 04-FEB-2010 01:07:59; Dark ; 43.0; 99; Del Cen ; 2.58; 26000;occ; 86; 0;41468  
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 11; 837.8; 04-FEB-2010 01:11:32; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;41468  
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 13; 1094.8; 04-FEB-2010 01:15:49; Dark ; 44.5; 65; Lam Vel ; 2.20; 4400;occ; 89; 0;41468  
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 22; 4940.0; 04-FEB-2010 02:19:54; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;41468

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 9; 625.8; 04-FEB-2010 02:48:36; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;41469  
 10; 722.7; 04-FEB-2010 02:50:13; Dark ; 39.0; 159; Ups Car ; 2.92; 7200;occ; 78; 0;41469  
 11; 837.5; 04-FEB-2010 02:52:08; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;41469  
 12; 941.0; 04-FEB-2010 02:53:51; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;41469  
 13; 1094.9; 04-FEB-2010 02:56:25; Dark ; 46.5; 65; Lam Vel ; 2.20; 4400;occ; 93; 0;41469  
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13; 6875.5; 04-FEB-2010 14:36:21; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;41475
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 3;-1214.6; 06-FEB-2010 07:57:05; Bright; 58.0; 59; 55Alp Oph ; 2.08; 8900;occ; 116; 0;41500
 4;-1084.0; 06-FEB-2010 07:59:16; Bright; 54.5; 126; 60Bet Oph ; 2.77; 4250;occ; 109; 0;41500
 5; -679.5; 06-FEB-2010 08:06:00; Dark ; 45.5; 86; 35Eta Oph ; 2.43; 10200;occ; 91; 0;41500
 6; -537.5; 06-FEB-2010 08:08:22; Dark ; 43.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 87; 0;41500
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 8; 312.6; 06-FEB-2010 08:22:32; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;41501
 9; 485.0; 06-FEB-2010 08:25:25; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;41501
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 11; 846.9; 06-FEB-2010 08:31:27; Dark ; 39.0; 71; Iot Car ; 2.25; 7700;occ; 78; 0;41501
 12; 949.2; 06-FEB-2010 08:33:09; Dark ; 38.0; 46; Del Vel ; 1.95; 10600;occ; 76; 0;41501
 13; 1105.1; 06-FEB-2010 08:35:45; Dark ; 44.5; 65; Lam Vel ; 2.20; 4400;occ; 89; 0;41501
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 3; 3881.6; 06-FEB-2010 09:22:01; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;41501
 4; 4084.9; 06-FEB-2010 09:25:25; Bright; 40.0; 130; 23Bet Dra ; 2.80; 5800;occ; 80; 0;41501
 5; 4821.8; 06-FEB-2010 09:37:42; Bright; 58.0; 59; 55Alp Oph ; 2.08; 8900;occ; 116; 0;41501
 6; 4951.9; 06-FEB-2010 09:39:52; Bright; 41.5; 126; 60Bet Oph ; 2.77; 4250;occ; 83; 0;41501
 7; 5356.9; 06-FEB-2010 09:46:37; Dark ; 49.0; 86; 35Eta Oph ; 2.43; 10200;occ; 98; 0;41501
 8; 5731.4; 06-FEB-2010 09:52:51; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;41501
 9; 6349.2; 06-FEB-2010 10:03:09; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;41501
 10; 6521.4; 06-FEB-2010 10:06:01; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;41501
 11; 6606.6; 06-FEB-2010 10:07:26; Dark ; 47.5; 64; Gam Cen ; 2.20; 10600;occ; 95; 0;41501
 12; 6883.2; 06-FEB-2010 10:12:03; Dark ; 39.0; 71; Iot Car ; 2.25; 7700;occ; 78; 0;41501
 13; 6986.8; 06-FEB-2010 10:13:47; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;41501
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 3; 3881.3; 06-FEB-2010 11:02:37; Bright; 44.5; 119; 14Eta Dra ; 2.73; 4700;occ; 89; 0;41502
 4; 4084.6; 06-FEB-2010 11:06:00; Bright; 42.0; 130; 23Bet Dra ; 2.80; 5800;occ; 84; 0;41502
 5; 4822.1; 06-FEB-2010 11:18:18; Bright; 42.0; 59; 55Alp Oph ; 2.08; 8900;occ; 84; 0;41502

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3; -1951.4; 06-FEB-2010 12:46:36; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;41503
4; -1213.6; 06-FEB-2010 12:58:54; Bright; 58.0; 59; 55Alp Oph ; 2.08; 8900;occ; 116; 0;41503
5; -1083.1; 06-FEB-2010 13:01:04; Bright; 38.5; 126; 60Bet Oph ; 2.77; 4250;occ; 77; 0;41503
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3; -31.3; 07-FEB-2010 21:09:59; Dark ; 44.5; 131; Gam Lup ; 2.80; 26000;occ; 89; 0;41522
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3; -1078.9; 07-FEB-2010 07:27:44; Bright; 57.0; 126; 60Bet Oph ; 2.77; 4250;occ; 114; 0;41514
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5; -533.0; 07-FEB-2010 07:36:50; Dark ; 45.0; 167; 10Gam2Sgr ; 2.98; 4500;occ; 90; 0;41514
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4; 4083.3; 08-FEB-2010 10:02:45; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;41530
5; 4832.1; 08-FEB-2010 10:15:14; Bright; 43.0; 59; 55Alp Oph ; 2.08; 8900;occ; 86; 0;41530
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11; 6012.0; 08-FEB-2010 10:34:53; Dark ; 45.0; 131; Gam Lup ; 2.80; 26000;occ; 90; 0;41530
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6; 3870.0; 09-FEB-2010 21:11:46; Bright; 45.0; 119; 14Eta Dra ; 2.73; 4700;occ; 90; 0;41551
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6; 537.6; 09-FEB-2010 21:56:49; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;41552
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6; 5729.1; 17-FEB-2010 12:28:00; Dark ; 43.0; 25; 35Lam Sco ; 1.62; 28000;occ; 86; 0;41660
7; 5808.6; 17-FEB-2010 12:29:19; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;41660
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9; 6367.5; 17-FEB-2010 12:38:38; Dark ; 46.0; 4; Alp1Cen ; -0.01; 5800;occ; 92; 0;41660
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6; 5730.2; 17-FEB-2010 15:49:13; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;41662
7; 5810.4; 17-FEB-2010 15:50:33; Dark ; 55.5; 75; 26Eps Sco ; 2.29; 4250;occ; 111; 0;41662
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7; 5811.3; 17-FEB-2010 17:31:10; Dark ; 52.0; 75; 26Eps Sco ; 2.29; 4250;occ; 104; 0;41663
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11; 6535.2; 17-FEB-2010 17:43:14; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;41663
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13; 6737.2; 17-FEB-2010 17:46:36; Dark ; 46.5; 64; Gam Cen ; 2.20; 10600;occ; 93; 0;41663
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14; 6738.3; 17-FEB-2010 21:07:49; Dark ; 46.0; 64; Gam Cen ; 2.20; 10600;occ; 92; 0;41665

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5; 423.3; 18-FEB-2010 22:12:09; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;41681
6; 512.0; 18-FEB-2010 22:13:37; Dark ; 45.0; 77; Eps Cen ; 2.30; 28000;occ; 90; 0;41681
7; 601.1; 18-FEB-2010 22:15:06; Dark ; 48.5; 12; Alp1Cru ; 0.77; 30000;occ; 97; 0;41681
8; 713.8; 18-FEB-2010 22:16:59; Dark ; 50.5; 64; Gam Cen ; 2.20; 10600;occ; 101; 0;41681
9; 944.1; 18-FEB-2010 22:20:49; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;41681
10; 1741.6; 18-FEB-2010 22:34:07; Dark ; 48.5; 48; 30Alp Hya ; 1.98; 4100;occ; 97; 0;41681
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12; 4067.5; 18-FEB-2010 23:12:53; Bright; 43.5; 130; 23Bet Dra ; 2.80; 5800;occ; 87; 0;41681
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5; 423.9; 18-FEB-2010 23:52:45; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;41682
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7; 601.7; 18-FEB-2010 23:55:43; Dark ; 44.5; 12; Alp1Cru ; 0.77; 30000;occ; 89; 0;41682
8; 714.5; 18-FEB-2010 23:57:36; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;41682
9; 944.5; 19-FEB-2010 00:01:26; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;41682
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12; 4067.3; 19-FEB-2010 00:53:29; Bright; 44.5; 130; 23Bet Dra ; 2.80; 5800;occ; 89; 0;41682
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4; -217.5; 18-FEB-2010 06:56:05; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;41671
5; 71.7; 18-FEB-2010 07:00:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41672
6; 338.5; 18-FEB-2010 07:05:21; Dark ; 43.0; 4; Alp1Cen ; -0.01; 5800;occ; 86; 0;41672
7; 418.0; 18-FEB-2010 07:06:40; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;41672
8; 505.3; 18-FEB-2010 07:08:07; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;41672
9; 597.0; 18-FEB-2010 07:09:39; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;41672
10; 707.1; 18-FEB-2010 07:11:29; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;41672
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3; 4069.2; 18-FEB-2010 08:07:31; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;41672
4; 4332.4; 18-FEB-2010 08:11:54; Bright; 37.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 74; 0;41672
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6; 5819.3; 18-FEB-2010 08:36:41; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;41672
7; 6374.8; 18-FEB-2010 08:45:57; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;41672
8; 6454.5; 18-FEB-2010 08:47:17; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;41672
9; 6541.9; 18-FEB-2010 08:48:44; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;41672
10; 6633.5; 18-FEB-2010 08:50:16; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;41672
11; 6743.9; 18-FEB-2010 08:52:06; Dark ; 53.0; 64; Gam Cen ; 2.20; 10600;occ; 106; 0;41672
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3; 4068.8; 18-FEB-2010 09:48:07; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;41673
4; 4332.3; 18-FEB-2010 09:52:30; Bright; 37.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 75; 0;41673
5; 5737.5; 18-FEB-2010 10:15:55; Dark ; 46.0; 25; 35Lam Sco ; 1.62; 28000;occ; 92; 0;41673
6; 5820.1; 18-FEB-2010 10:17:18; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;41673
7; 6108.6; 18-FEB-2010 10:22:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41673
8; 6375.7; 18-FEB-2010 10:26:34; Dark ; 43.0; 4; Alp1Cen ; -0.01; 5800;occ; 86; 0;41673
9; 6455.1; 18-FEB-2010 10:27:53; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;41673
10; 6542.6; 18-FEB-2010 10:29:21; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;41673
11; 6634.1; 18-FEB-2010 10:30:52; Dark ; 47.5; 12; Alp1Cru ; 0.77; 30000;occ; 95; 0;41673
12; 6744.7; 18-FEB-2010 10:32:43; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;41673
13; 6977.0; 18-FEB-2010 10:36:35; Dark ; 42.5; 113; Mu Vel ; 2.69; 5000;occ; 85; 0;41673
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3; 4068.4; 18-FEB-2010 11:28:42; Bright; 43.0; 130; 23Bet Dra ; 2.80; 5800;occ; 86; 0;41674
4; 4332.2; 18-FEB-2010 11:33:06; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;41674

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6; 5820.9; 18-FEB-2010 11:57:55; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;41674
7; 6109.0; 18-FEB-2010 12:02:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41674
8; 6376.3; 18-FEB-2010 12:07:10; Dark ; 47.0; 4; Alp1Cen ;-0.01; 5800;occ; 94; 0;41674
9; 6455.5; 18-FEB-2010 12:08:29; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;41674
10; 6543.3; 18-FEB-2010 12:09:57; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;41674
11; 6634.4; 18-FEB-2010 12:11:28; Dark ; 46.5; 12; Alp1Cru ; 0.77; 30000;occ; 93; 0;41674
12; 6745.4; 18-FEB-2010 12:13:19; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;41674
13; 6977.6; 18-FEB-2010 12:17:11; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;41674
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3; 4068.4; 18-FEB-2010 13:09:18; Bright; 42.0; 130; 23Bet Dra ; 2.80; 5800;occ; 84; 0;41675
4; 4332.3; 18-FEB-2010 13:13:42; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;41675
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6; 5821.9; 18-FEB-2010 13:38:32; Dark ; 55.0; 75; 26Eps Sco ; 2.29; 4250;occ; 110; 0;41675
7; 6109.6; 18-FEB-2010 13:43:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41675
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9; 6456.2; 18-FEB-2010 13:49:06; Dark ; 51.5; 10; Bet Cen ; 0.61; 28000;occ; 103; 0;41675
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11; 6634.9; 18-FEB-2010 13:52:05; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;41675
12; 6746.3; 18-FEB-2010 13:53:56; Dark ; 47.5; 64; Gam Cen ; 2.20; 10600;occ; 95; 0;41675
13; 6978.1; 18-FEB-2010 13:57:48; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;41675
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2; 3542.6; 18-FEB-2010 14:41:08; Bright; 43.0; 60; 7Bet UMi ; 2.08; 3950;occ; 86; 0;41676
3; 4068.4; 18-FEB-2010 14:49:54; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;41676
4; 4332.6; 18-FEB-2010 14:54:18; Bright; 38.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 77; 0;41676
5; 5739.4; 18-FEB-2010 15:17:45; Dark ; 44.5; 25; 35Lam Sco ; 1.62; 28000;occ; 89; 0;41676
6; 5822.8; 18-FEB-2010 15:19:08; Dark ; 55.0; 75; 26Eps Sco ; 2.29; 4250;occ; 110; 0;41676
7; 6110.1; 18-FEB-2010 15:23:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41676
8; 6377.4; 18-FEB-2010 15:28:23; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;41676
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11; 6635.2; 18-FEB-2010 15:32:41; Dark ; 47.5; 12; Alp1Cru ; 0.77; 30000;occ; 95; 0;41676
12; 6746.8; 18-FEB-2010 15:34:32; Dark ; 46.5; 64; Gam Cen ; 2.20; 10600;occ; 93; 0;41676
13; 6978.7; 18-FEB-2010 15:38:24; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;41676
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3; 4068.3; 18-FEB-2010 16:30:30; Bright; 43.0; 130; 23Bet Dra ; 2.80; 5800;occ; 86; 0;41677
4; 4332.7; 18-FEB-2010 16:34:54; Bright; 38.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 76; 0;41677
5; 5740.2; 18-FEB-2010 16:58:22; Dark ; 44.0; 25; 35Lam Sco ; 1.62; 28000;occ; 88; 0;41677
6; 5823.6; 18-FEB-2010 16:59:45; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;41677
7; 6111.3; 18-FEB-2010 17:04:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41677
8; 6377.8; 18-FEB-2010 17:08:59; Dark ; 46.0; 4; Alp1Cen ;-0.01; 5800;occ; 92; 0;41677
9; 6457.7; 18-FEB-2010 17:10:19; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;41677
10; 6545.8; 18-FEB-2010 17:11:47; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;41677
11; 6635.8; 18-FEB-2010 17:13:17; Dark ; 45.0; 12; Alp1Cru ; 0.77; 30000;occ; 90; 0;41677
12; 6747.6; 18-FEB-2010 17:15:09; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;41677
13; 6978.7; 18-FEB-2010 17:19:00; Dark ; 40.5; 113; Mu Vel ; 2.69; 5000;occ; 81; 0;41677
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3; 4067.8; 18-FEB-2010 18:11:05; Bright; 44.0; 130; 23Bet Dra ; 2.80; 5800;occ; 88; 0;41678
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5; 600.7; 18-FEB-2010 20:34:30; Dark ; 52.0; 12; Alp1Cru ; 0.77; 30000;occ; 104; 0;41680
6; 713.3; 18-FEB-2010 20:36:23; Dark ; 52.5; 64; Gam Cen ; 2.20; 10600;occ; 105; 0;41680
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8; 715.2; 19-FEB-2010 01:38:12; Dark ; 49.5; 64; Gam Cen ; 2.20; 10600;occ; 99; 0;41683
9; 944.8; 19-FEB-2010 01:42:02; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;41683
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3; -1702.7; 19-FEB-2010 04:19:06; Bright; 37.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 74; 0;41684
4; -291.6; 19-FEB-2010 04:42:37; Dark ; 45.5; 25; 35Lam Sco ; 1.62; 28000;occ; 91; 0;41684
5; -205.8; 19-FEB-2010 04:44:03; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;41684
6; 78.9; 19-FEB-2010 04:48:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41685
7; 346.1; 19-FEB-2010 04:53:15; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;41685
8; 425.8; 19-FEB-2010 04:54:35; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;41685
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13; 1742.1; 19-FEB-2010 05:16:31; Dark ; 47.5; 48; 30Alp Hya ; 1.98; 4100;occ; 95; 0;41685
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3; 3431.5; 19-FEB-2010 20:50:04; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;41694
4; 3536.8; 19-FEB-2010 20:51:49; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;41694
5; 4065.5; 19-FEB-2010 21:00:38; Bright; 44.5; 130; 23Bet Dra ; 2.80; 5800;occ; 89; 0;41694
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4; -196.7; 19-FEB-2010 21:30:12; Dark ; 55.5; 75; 26Eps Sco ; 2.29; 4250;occ; 111; 0;41694
5; -27.7; 19-FEB-2010 21:33:01; Dark ; 50.0; 141; Bet Ara ; 2.84; 4600;occ; 100; 0;41694
6; 84.1; 19-FEB-2010 21:34:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41695
7; 352.1; 19-FEB-2010 21:39:21; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;41695
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10; 723.9; 19-FEB-2010 21:45:32; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41695
11; 1157.1; 19-FEB-2010 21:52:46; Dark ; 45.0; 65; Lam Vel ; 2.20; 4400;occ; 90; 0;41695
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13; 3431.4; 19-FEB-2010 22:30:40; Bright; 52.0; 49; 1Alp UMi ; 1.99; 6300;occ; 104; 0;41695
14; 3536.2; 19-FEB-2010 22:32:25; Bright; 45.0; 60; 7Bet UMi ; 2.08; 3950;occ; 90; 0;41695
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5; 79.4; 19-FEB-2010 06:29:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41686
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11; 946.2; 19-FEB-2010 06:43:51; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;41686
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5; 4756.9; 19-FEB-2010 07:47:22; Bright; 35.5; 168; 17Zet Aql ; 2.99; 11000;occ; 71; 0;41686
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14; 6982.7; 19-FEB-2010 08:24:28; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;41686
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3; 4066.4; 19-FEB-2010 09:16:27; Bright; 43.5; 130; 23Bet Dra ; 2.80; 5800;occ; 87; 0;41687
4; 4333.0; 19-FEB-2010 09:20:54; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;41687
5; 4757.5; 19-FEB-2010 09:27:59; Bright; 36.0; 168; 17Zet Aql ; 2.99; 11000;occ; 72; 0;41687
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7; 5832.7; 19-FEB-2010 09:45:54; Dark ; 61.0; 75; 26Eps Sco ; 2.29; 4250;occ; 122; 0;41687
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10; 6463.6; 19-FEB-2010 09:56:25; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;41687
11; 6553.2; 19-FEB-2010 09:57:54; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;41687
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13; 6754.8; 19-FEB-2010 10:01:16; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41687
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3; 4066.4; 19-FEB-2010 10:57:03; Bright; 44.5; 130; 23Bet Dra ; 2.80; 5800;occ; 89; 0;41688
4; 4333.4; 19-FEB-2010 11:01:30; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;41688
5; 4757.1; 19-FEB-2010 11:08:34; Bright; 53.0; 168; 17Zet Aql ; 2.99; 11000;occ; 106; 0;41688
6; 5746.8; 19-FEB-2010 11:25:04; Dark ; 41.0; 25; 35Lam Sco ; 1.62; 28000;occ; 82; 0;41688
7; 5833.5; 19-FEB-2010 11:26:30; Dark ; 56.0; 75; 26Eps Sco ; 2.29; 4250;occ; 112; 0;41688
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11; 6554.2; 19-FEB-2010 11:38:31; Dark ; 43.5; 77; Eps Cen ; 2.30; 28000;occ; 87; 0;41688
12; 6640.9; 19-FEB-2010 11:39:58; Dark ; 38.0; 12; Alp1Cru ; 0.77; 30000;occ; 76; 0;41688
13; 6755.6; 19-FEB-2010 11:41:53; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;41688
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4; 4333.4; 19-FEB-2010 12:42:06; Bright; 45.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 91; 0;41689
5; 4757.7; 19-FEB-2010 12:49:10; Bright; 34.0; 168; 17Zet Aql ; 2.99; 11000;occ; 68; 0;41689
6; 5747.5; 19-FEB-2010 13:05:40; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;41689
7; 5834.7; 19-FEB-2010 13:07:07; Dark ; 55.5; 75; 26Eps Sco ; 2.29; 4250;occ; 111; 0;41689
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9; 6385.2; 19-FEB-2010 13:16:18; Dark ; 43.5; 4; Alp1Cen ;-0.01; 5800;occ; 87; 0;41689
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12; 6756.3; 19-FEB-2010 13:22:29; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41689
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 5; 4757.9; 19-FEB-2010 14:29:47; Bright; 35.5; 168; 17Zet Aql ; 2.99; 11000;occ; 71; 0;41690  
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 7; 5835.5; 19-FEB-2010 14:47:44; Dark ; 56.5; 75; 26Eps Sco ; 2.29; 4250;occ; 113; 0;41690  
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 5; 4758.3; 19-FEB-2010 16:10:23; Bright; 52.5; 168; 17Zet Aql ; 2.99; 11000;occ; 105; 0;41691  
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 9; 6244.5; 19-FEB-2010 16:35:09; Dark ; 39.5; 134; Bet TrA ; 2.81; 6600;occ; 79; 0;41691  
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4; 2846.4; 26-FEB-2010 08:36:01; Bright; 47.5; 174; 52Psi UMa ; 3.00; 4400;occ; 95; 0;41787  
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6; 3091.6; 26-FEB-2010 08:40:06; Bright; 31.0; 87; 64Gam UMa ; 2.43; 11000;occ; 62; 0;41787  
7; 3506.2; 26-FEB-2010 08:47:00; Bright; 43.0; 60; 7Bet UMi ; 2.08; 3950;occ; 86; 0;41787  
8; 3791.9; 26-FEB-2010 08:51:46; Bright; 47.0; 119; 14Eta Dra ; 2.73; 4700;occ; 94; 0;41787  
9; 4047.6; 26-FEB-2010 08:56:02; Bright; 45.0; 130; 23Bet Dra ; 2.80; 5800;occ; 90; 0;41787  
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11; 4339.7; 26-FEB-2010 09:00:54; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;41787  
12; 4784.7; 26-FEB-2010 09:08:19; Bright; 37.0; 168; 17Zet Aql ; 2.99; 11000;occ; 74; 0;41787  
13; 5113.7; 26-FEB-2010 09:13:48; Dark ; 61.5; 126; 60Bet Oph ; 2.77; 4250;occ; 123; 0;41787  
14; 5513.4; 26-FEB-2010 09:20:28; Dark ; 45.5; 137; 22Lam Sgr ; 2.82; 4400;occ; 91; 0;41787  
15; 5656.5; 26-FEB-2010 09:22:51; Dark ; 43.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 86; 0;41787  
16; 5818.0; 26-FEB-2010 09:25:32; Dark ; 46.0; 25; 35Lam Sco ; 1.62; 28000;occ; 92; 0;41787  
17; 5932.4; 26-FEB-2010 09:27:27; Dark ; 54.0; 75; 26Eps Sco ; 2.29; 4250;occ; 108; 0;41787  
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19; 6284.7; 26-FEB-2010 09:33:19; Dark ; 48.5; 131; Gam Lup ; 2.80; 26000;occ; 97; 0;41787  
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24; 6823.4; 26-FEB-2010 09:42:18; Dark ; 44.0; 64; Gam Cen ; 2.20; 10600;occ; 88; 0;41787  
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4; 2845.0; 26-FEB-2010 11:57:11; Bright; 46.0; 174; 52Psi UMa ; 3.00; 4400;occ; 92; 0;41789  
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8; 3791.1; 26-FEB-2010 12:12:57; Bright; 45.5; 119; 14Eta Dra ; 2.73; 4700;occ; 91; 0;41789  
9; 4047.2; 26-FEB-2010 12:17:13; Bright; 45.5; 130; 23Bet Dra ; 2.80; 5800;occ; 91; 0;41789  
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12; 4785.3; 26-FEB-2010 12:29:31; Bright; 56.0; 168; 17Zet Aql ; 2.99; 11000;occ; 112; 0;41789  
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14; 5514.5; 26-FEB-2010 12:41:41; Dark ; 46.0; 137; 22Lam Sgr ; 2.82; 4400;occ; 92; 0;41789  
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21; 6525.2; 26-FEB-2010 12:58:31; Dark ; 40.0; 10; Bet Cen ; 0.61; 28000;occ; 80; 0;41789  
22; 6628.3; 26-FEB-2010 13:00:14; Dark ; 43.0; 77; Eps Cen ; 2.30; 28000;occ; 86; 0;41789  
23; 6744.8; 26-FEB-2010 13:02:11; Dark ; 55.5; 26; Gam Cru ; 1.62; 2900;occ; 111; 0;41789  
24; 6824.9; 26-FEB-2010 13:03:31; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;41789

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4; 2844.4; 26-FEB-2010 13:37:46; Bright; 48.5; 174; 52Psi UMa ; 3.00; 4400;occ; 97; 0;41790

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6; 3089.2; 26-FEB-2010 13:41:51; Bright; 39.0; 87; 64Gam UMA ; 2.43; 11000;occ; 78; 0;41790
7; 3505.3; 26-FEB-2010 13:48:47; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;41790
8; 3790.8; 26-FEB-2010 13:53:33; Bright; 44.5; 119; 14Eta Dra ; 2.73; 4700;occ; 89; 0;41790
9; 4046.9; 26-FEB-2010 13:57:49; Bright; 49.0; 130; 23Bet Dra ; 2.80; 5800;occ; 98; 0;41790
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13; 5116.2; 26-FEB-2010 14:15:38; Dark ; 52.0; 126; 60Bet Oph ; 2.77; 4250;occ; 104; 0;41790
14; 5514.9; 26-FEB-2010 14:22:17; Dark ; 48.5; 137; 22Lam Sgr ; 2.82; 4400;occ; 97; 0;41790
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19; 6288.5; 26-FEB-2010 14:35:10; Dark ; 49.5; 131; Gam Lup ; 2.80; 26000;occ; 99; 0;41790
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22; 6629.1; 26-FEB-2010 14:40:51; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;41790
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4; 2843.7; 26-FEB-2010 15:18:21; Bright; 68.0; 174; 52Psi UMa ; 3.00; 4400;occ; 136; 0;41791
5; 3001.1; 26-FEB-2010 15:20:59; Bright; 41.5; 82; 48Bet UMA ; 2.37; 10600;occ; 83; 0;41791
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17; 5937.1; 26-FEB-2010 16:09:55; Dark ; 63.5; 75; 26Eps Sco ; 2.29; 4250;occ; 127; 0;41791
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23; 6746.0; 26-FEB-2010 16:23:24; Dark ; 50.0; 26; Gam Cru ; 1.62; 2900;occ; 100; 0;41791
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5; 3000.7; 26-FEB-2010 17:01:35; Bright; 62.0; 82; 48Bet UMA ; 2.37; 10600;occ; 124; 0;41792
6; 3087.7; 26-FEB-2010 17:03:02; Bright; 43.0; 87; 64Gam UMA ; 2.43; 11000;occ; 86; 0;41792
7; 3504.6; 26-FEB-2010 17:09:58; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;41792
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7; 257.4; 26-FEB-2010 21:17:39; Dark ; 51.5; 131; Gam Lup ; 2.80; 26000;occ; 103; 0;41795
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13; 5845.6; 28-FEB-2010 18:26:22; Dark ; 43.5; 25; 35Lam Sco ; 1.62; 28000;occ; 87; 0;41821
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 6; 3777.2; 28-FEB-2010 19:32:29; Bright; 47.5; 119; 14Eta Dra ; 2.73; 4700;occ; 95; 0;41822
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