

GOMOS Daily Report 27-DEC-2009

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	12JAN2010 13:46:46
Data source version	GOMOS/5.00L04
Start time of products	27DEC2009 00:01:56
Stop time of products	27DEC2009 23:56:14
Store outputs in DB	No
Nb of level 1b prods	186
Nb of prods with errors	2

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

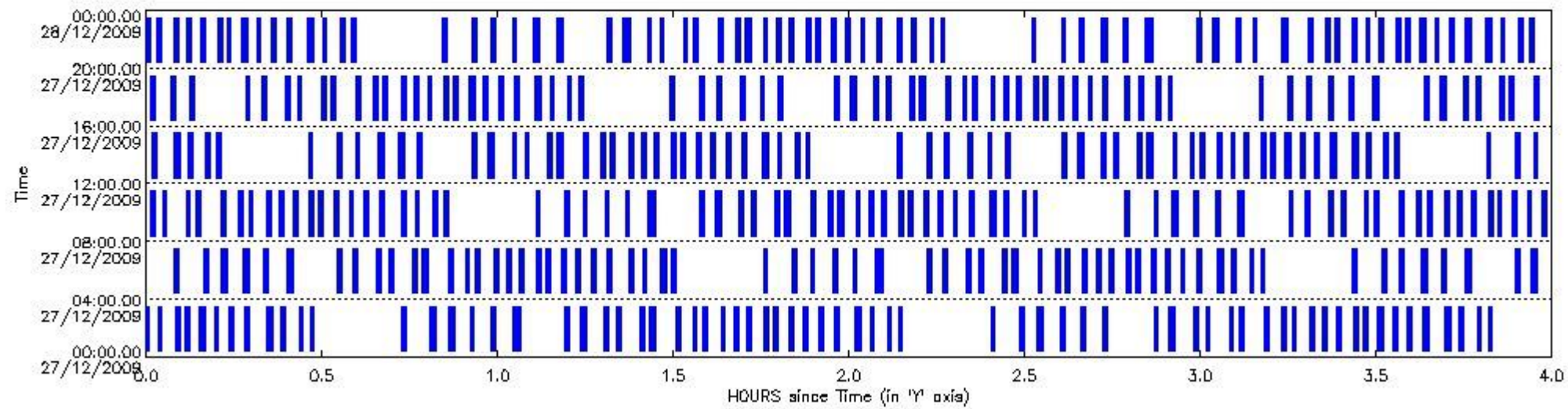
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

2.4 Summary of processed GOM_TRA_1P products

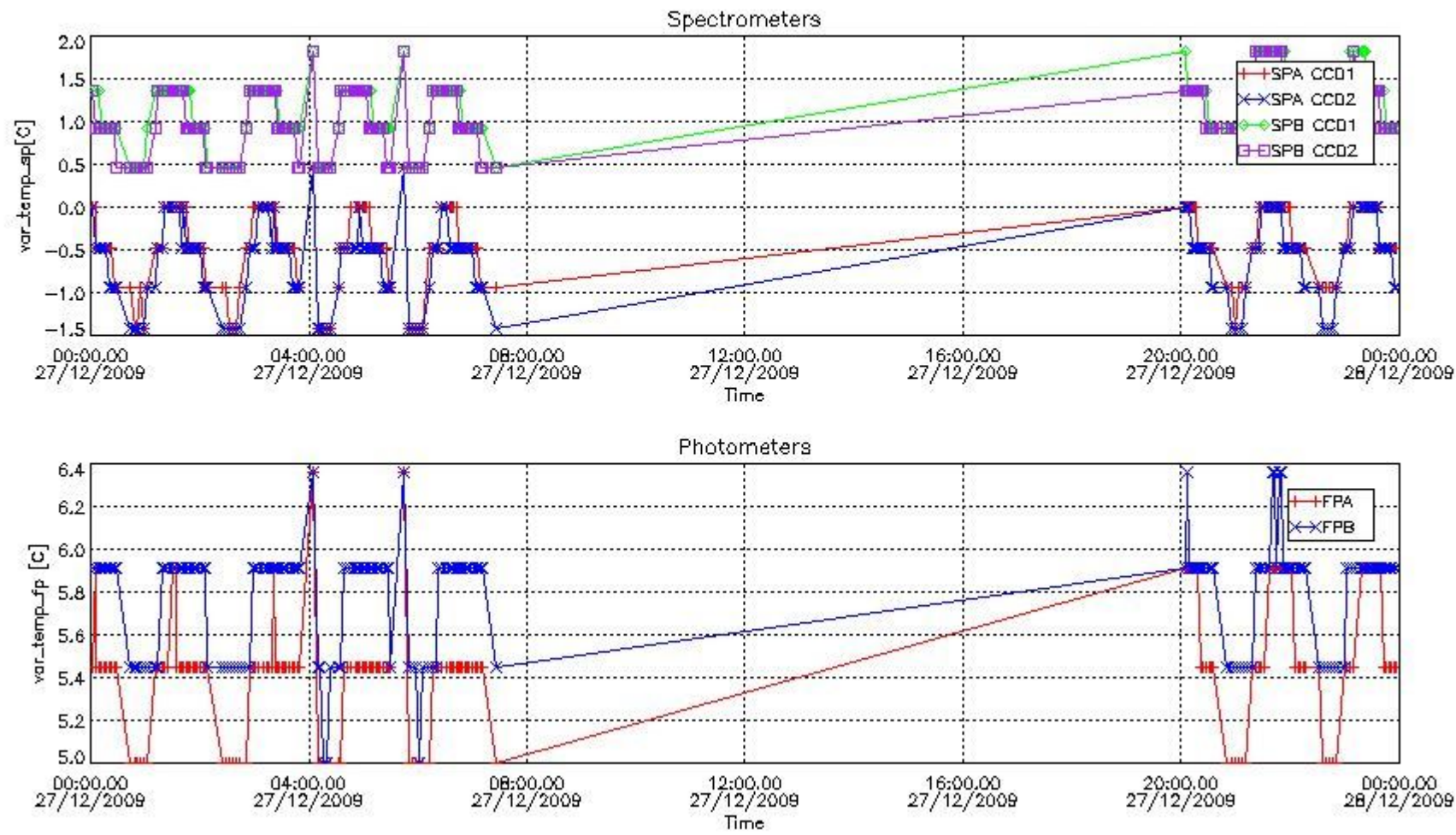
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20091227_000156_000000462085_00274_40909_0895.N1	27-DEC-2009 00:01:56	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	40909	No
2	GOM_TRA_1PNPDE20091227_000451_000000502085_00274_40909_0896.N1	27-DEC-2009 00:04:51	Straylight	49.500	23	21Eps CMa	1.5020	26000.	99	40909	No
3	GOM_TRA_1PNPDE20091227_000628_000000482085_00274_40909_0897.N1	27-DEC-2009 00:06:28	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	40909	No
4	GOM_TRA_1PNPDE20091227_000904_000000522085_00274_40909_0898.N1	27-DEC-2009 00:09:04	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	40909	No
5	GOM_TRA_1PNPDE20091227_001136_000000442085_00274_40909_0899.N1	27-DEC-2009 00:11:36	Straylight	43.500	56	53Kap Ori	2.0650	30000.	87	40909	No
6	GOM_TRA_1PNPDE20091227_001410_000000442085_00274_40909_0900.N1	27-DEC-2009 00:14:10	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	40909	No
7	GOM_TRA_1PNPDE20091227_001651_000000512085_00274_40909_0901.N1	27-DEC-2009 00:16:51	Twilight_stray	51.000	14	58Alp Ori	0.87000	3000.0	102	40909	No
8	GOM_TRA_1PNPDE20091227_002030_000000622085_00274_40909_0902.N1	27-DEC-2009 00:20:30	Bright	62.000	44	24Gam Gem	1.9280	11000.	124	40909	No
9	GOM_TRA_1PNPDE20091227_002257_000000412085_00274_40909_0903.N1	27-DEC-2009 00:22:57	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	40909	No
10	GOM_TRA_1PNPDE20091227_002600_000000442085_00274_40909_0904.N1	27-DEC-2009 00:26:00	Bright	43.500	107	37The Aur	2.6490	11000.	87	40909	No
11	GOM_TRA_1PNPDE20091227_002753_000000442085_00274_40909_0905.N1	27-DEC-2009 00:27:53	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40909	No
12	GOM_TRA_1PNPDE20091227_004333_000000452085_00274_40909_0906.N1	27-DEC-2009 00:43:33	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	40909	No

13	GOM_TRA_1PNPDE20091227_004830_000000492085_00274_40909_0907.N1	27-DEC-2009 00:48:30	Bright	49.000	32	77Eps UMa	1.7630	11000.	98	40909	No
14	GOM_TRA_1PNPDE20091227_005133_000000632085_00274_40909_0908.N1	27-DEC-2009 00:51:33	Bright	63.000	39	85Eta UMa	1.8540	24000.	126	40909	No
15	GOM_TRA_1PNPDE20091227_005521_000000382085_00274_40909_0909.N1	27-DEC-2009 00:55:21	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	40909	No
16	GOM_TRA_1PNPDE20091227_005851_000000412085_00274_40909_0910.N1	27-DEC-2009 00:58:51	Bright	40.500	83		2.3780	11000.	81	40909	No
17	GOM_TRA_1PNPDE20091227_010241_000000702085_00274_40909_0911.N1	27-DEC-2009 01:02:41	Bright	69.500	111	8Eta Boo	2.6800	6000.0	139	40909	No
18	GOM_TRA_1PNPDE20091227_011126_000000452085_00274_40909_0862.N1	27-DEC-2009 01:11:26	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	40909	No
19	GOM_TRA_1PNPDE20091227_011402_000000612085_00274_40909_0863.N1	27-DEC-2009 01:14:02	Straylight	60.500	15	67Alp Vir	0.97600	28000.	121	40909	No
20	GOM_TRA_1PNPDE20091227_011810_000000462085_00274_40909_0864.N1	27-DEC-2009 01:18:10	Dark	46.000	54	5The Cen	2.0550	4500.0	92	40909	No
21	GOM_TRA_1PNPDE20091227_012018_000000462085_00274_40909_0865.N1	27-DEC-2009 01:20:18	Dark	46.000	123	lot Cen	2.7500	10200.	92	40909	No
22	GOM_TRA_1PNPDE20091227_012418_000000432085_00275_40910_0866.N1	27-DEC-2009 01:24:18	Dark	42.500	64	Gam Cen	2.2000	10600.	85	40910	No
23	GOM_TRA_1PNPDE20091227_013020_000000562085_00275_40910_0867.N1	27-DEC-2009 01:30:20	Dark	55.500	113	Mu Vel	2.6920	5000.0	111	40910	No
24	GOM_TRA_1PNPDE20091227_013318_000000422085_00275_40910_0868.N1	27-DEC-2009 01:33:18	Dark	41.500	71	lot Car	2.2460	7700.0	83	40910	No
25	GOM_TRA_1PNPDE20091227_013500_000000462085_00275_40910_0869.N1	27-DEC-2009 01:35:00	Dark	46.000	41	Eps Car	1.8600	4100.0	92	40910	No
26	GOM_TRA_1PNPDE20091227_013805_000000452085_00275_40910_0870.N1	27-DEC-2009 01:38:05	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	40910	No
27	GOM_TRA_1PNPDE20091227_014017_000000482085_00275_40910_0871.N1	27-DEC-2009 01:40:17	Dark	48.000	70	Zet Pup	2.2460	39000.	96	40910	No
28	GOM_TRA_1PNPDE20091227_014232_000000472085_00275_40910_0872.N1	27-DEC-2009 01:42:32	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	40910	No
29	GOM_TRA_1PNPDE20091227_014528_000000492085_00275_40910_0873.N1	27-DEC-2009 01:45:28	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	40910	No
30	GOM_TRA_1PNPDE20091227_014704_000000482085_00275_40910_0874.N1	27-DEC-2009 01:47:04	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	40910	No
31	GOM_TRA_1PNPDE20091227_014940_000000532085_00275_40910_0875.N1	27-DEC-2009 01:49:40	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	40910	No
32	GOM_TRA_1PNPDE20091227_015212_000000422085_00275_40910_0876.N1	27-DEC-2009 01:52:12	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	40910	No
33	GOM_TRA_1PNPDE20091227_015446_000000442085_00275_40910_0877.N1	27-DEC-2009 01:54:46	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	40910	No
34	GOM_TRA_1PNPDE20091227_015727_000000552085_00275_40910_0878.N1	27-DEC-2009 01:57:27	Tw_i_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	40910	No
35	GOM_TRA_1PNPDE20091227_020105_000000632085_00275_40910_0879.N1	27-DEC-2009 02:01:05	Bright	62.500	44	24Gam Gem	1.9280	11000.	125	40910	No
36	GOM_TRA_1PNPDE20091227_020333_000000402085_00275_40910_0880.N1	27-DEC-2009 02:03:33	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	40910	No
37	GOM_TRA_1PNPDE20091227_020636_000000402085_00275_40910_0881.N1	27-DEC-2009 02:06:36	Bright	39.500	107	37The Aur	2.6490	11000.	79	40910	No
38	GOM_TRA_1PNPDE20091227_020828_000000412085_00275_40910_0882.N1	27-DEC-2009 02:08:28	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	40910	No
39	GOM_TRA_1PNPDE20091227_022409_000000442085_00275_40910_0883.N1	27-DEC-2009 02:24:09	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40910	No
40	GOM_TRA_1PNPDE20091227_022906_000000492085_00275_40910_0851.N1	27-DEC-2009 02:29:06	Bright	49.000	32	77Eps UMa	1.7630	11000.	98	40910	No
41	GOM_TRA_1PNPDE20091227_023209_000000632085_00275_40910_0852.N1	27-DEC-2009 02:32:09	Bright	63.000	39	85Eta UMa	1.8540	24000.	126	40910	No
42	GOM_TRA_1PNPDE20091227_023557_000000592085_00275_40910_0853.N1	27-DEC-2009 02:35:57	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	40910	No
43	GOM_TRA_1PNPDE20091227_023927_000000582085_00275_40910_0854.N1	27-DEC-2009 02:39:27	Bright	58.000	83		2.3780	11000.	116	40910	No
44	GOM_TRA_1PNPDE20091227_024317_000000482085_00275_40910_0855.N1	27-DEC-2009 02:43:17	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	40910	No
45	GOM_TRA_1PNPDE20091227_025203_000000432085_00275_40910_0856.N1	27-DEC-2009 02:52:03	Bright	43.000	122	9Alp2Lib	2.7470	9700.0	86	40910	No
46	GOM_TRA_1PNPDE20091227_025439_000000582085_00275_40910_0857.N1	27-DEC-2009 02:54:39	Straylight	58.000	15	67Alp Vir	0.97600	28000.	116	40910	No
47	GOM_TRA_1PNPDE20091227_025847_000000522085_00275_40910_0858.N1	27-DEC-2009 02:58:47	Dark	51.500	54	5The Cen	2.0550	4500.0	103	40910	No
48	GOM_TRA_1PNPDE20091227_030055_000000442085_00275_40910_0859.N1	27-DEC-2009 03:00:55	Dark	43.500	123	lot Cen	2.7500	10200.	87	40910	No
49	GOM_TRA_1PNPDE20091227_030455_000000442085_00276_40911_0860.N1	27-DEC-2009 03:04:55	Dark	44.000	64	Gam Cen	2.2000	10600.	88	40911	No
50	GOM_TRA_1PNPDE20091227_031057_000000452085_00276_40911_0861.N1	27-DEC-2009 03:10:57	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40911	No
51	GOM_TRA_1PNPDE20091227_031355_000000412085_00276_40911_0862.N1	27-DEC-2009 03:13:55	Dark	40.500	71	lot Car	2.2460	7700.0	81	40911	No
52	GOM_TRA_1PNPDE20091227_031537_000000442085_00276_40911_0863.N1	27-DEC-2009 03:15:37	Dark	43.500	41	Eps Car	1.8600	4100.0	87	40911	No
53	GOM_TRA_1PNPDE20091227_031842_000000432085_00276_40911_0864.N1	27-DEC-2009 03:18:42	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	40911	No
54	GOM_TRA_1PNPDE20091227_032053_000000462085_00276_40911_0865.N1	27-DEC-2009 03:20:53	Dark	45.500	70	Zet Pup	2.2460	39000.	91	40911	No
55	GOM_TRA_1PNPDE20091227_032308_000000482085_00276_40911_0866.N1	27-DEC-2009 03:23:08	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	40911	No
56	GOM_TRA_1PNPDE20091227_032604_000000492085_00276_40911_0867.N1	27-DEC-2009 03:26:04	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	40911	No
57	GOM_TRA_1PNPDE20091227_032740_000000472085_00276_40911_0868.N1	27-DEC-2009 03:27:40	Straylight	47.000	179	24Omi2CMa	3.0320	24000.	94	40911	No
58	GOM_TRA_1PNPDE20091227_033016_000000532085_00276_40911_0869.N1	27-DEC-2009 03:30:16	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	40911	No
59	GOM_TRA_1PNPDE20091227_033249_000000442085_00276_40911_0870.N1	27-DEC-2009 03:32:49	Straylight	44.000	56	53Kap Ori	2.0650	30000.	88	40911	No
60	GOM_TRA_1PNPDE20091227_033522_000000432085_00276_40911_0871.N1	27-DEC-2009 03:35:22	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	40911	No
61	GOM_TRA_1PNPDE20091227_033802_000000562085_00276_40911_0872.N1	27-DEC-2009 03:38:02	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	40911	No
62	GOM_TRA_1PNPDE20091227_034141_000000672085_00276_40911_0873.N1	27-DEC-2009 03:41:41	Bright	67.000	44	24Gam Gem	1.9280	11000.	134	40911	No
63	GOM_TRA_1PNPDE20091227_034409_000000412085_00276_40911_0874.N1	27-DEC-2009 03:44:09	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	40911	No
64	GOM_TRA_1PNPDE20091227_034712_000000402085_00276_40911_0875.N1	27-DEC-2009 03:47:12	Bright	40.000	107	37The Aur	2.6490	11000.	80	40911	No
65	GOM_TRA_1PNPDE20091227_034904_000000422085_00276_40911_0876.N1	27-DEC-2009 03:49:04	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	40911	No
66	GOM_TRA_1PNPDE20091227_040444_000000442085_00276_40911_0820.N1	27-DEC-2009 04:04:44	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	40911	Yes
67	GOM_TRA_1PNPDE20091227_040942_000000482085_00276_40911_0821.N1	27-DEC-2009 04:09:42	Bright	47.500	32	77Eps UMa	1.7630	11000.	95	40911	No
68	GOM_TRA_1PNPDE20091227_041245_000000632085_00276_40911_0822.N1	27-DEC-2009 04:12:45	Bright	63.000	39	85Eta UMa	1.8540	24000.	126	40911	No
69	GOM_TRA_1PNPDE20091227_041633_000000592085_00276_40911_0823.N1	27-DEC-2009 04:16:33	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	40911	No
70	GOM_TRA_1PNPDE20091227_042004_000000402085_00276_40911_0824.N1	27-DEC-2009 04:20:04	Bright	39.500	83		2.3780	11000.	79	40911	No
71	GOM_TRA_1PNPDE20091227_042354_000000702085_00276_40911_0825.N1	27-DEC-2009 04:23:54	Bright	70.000	111	8Eta Boo	2.6800	6000.0	140	40911	No

72	GOM_TRA_1PNPDE20091227_043239_000000462085_00276_40911_0826.N1	27-DEC-2009 04:32:39	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	40911	No
73	GOM_TRA_1PNPDE20091227_043516_000000542085_00276_40911_0827.N1	27-DEC-2009 04:35:16	Straylight	54.000	15	67Alp Vir	0.97600	28000.	108	40911	No
74	GOM_TRA_1PNPDE20091227_043924_000000462085_00276_40911_0828.N1	27-DEC-2009 04:39:24	Dark	46.000	54	5The Cen	2.0550	4500.0	92	40911	No
75	GOM_TRA_1PNPDE20091227_044132_000000432085_00276_40911_0829.N1	27-DEC-2009 04:41:32	Dark	43.000	123	lot Cen	2.7500	10200.	86	40911	No
76	GOM_TRA_1PNPDE20091227_044531_000000422085_00277_40912_0830.N1	27-DEC-2009 04:45:31	Dark	42.000	64	Gam Cen	2.2000	10600.	84	40912	No
77	GOM_TRA_1PNPDE20091227_045134_000000462085_00277_40912_0831.N1	27-DEC-2009 04:51:34	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40912	No
78	GOM_TRA_1PNPDE20091227_045431_000000402085_00277_40912_0832.N1	27-DEC-2009 04:54:31	Dark	40.000	71	lot Car	2.2460	7700.0	80	40912	No
79	GOM_TRA_1PNPDE20091227_045613_000000492085_00277_40912_0833.N1	27-DEC-2009 04:56:13	Dark	48.500	41	Eps Car	1.8600	4100.0	97	40912	No
80	GOM_TRA_1PNPDE20091227_045918_000000482085_00277_40912_0834.N1	27-DEC-2009 04:59:18	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40912	No
81	GOM_TRA_1PNPDE20091227_050130_000000512085_00277_40912_0835.N1	27-DEC-2009 05:01:30	Dark	50.500	70	Zet Pup	2.2460	39000.	101	40912	No
82	GOM_TRA_1PNPDE20091227_050345_000000472085_00277_40912_0836.N1	27-DEC-2009 05:03:45	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	40912	No
83	GOM_TRA_1PNPDE20091227_050640_000000482085_00277_40912_0837.N1	27-DEC-2009 05:06:40	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	40912	No
84	GOM_TRA_1PNPDE20091227_050817_000000482085_00277_40912_0838.N1	27-DEC-2009 05:08:17	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	40912	No
85	GOM_TRA_1PNPDE20091227_051053_000000532085_00277_40912_0839.N1	27-DEC-2009 05:10:53	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	40912	No
86	GOM_TRA_1PNPDE20091227_051325_000000442085_00277_40912_0840.N1	27-DEC-2009 05:13:25	Straylight	44.000	56	53Kap Ori	2.0650	30000.	88	40912	No
87	GOM_TRA_1PNPDE20091227_051558_000000442085_00277_40912_0841.N1	27-DEC-2009 05:15:58	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	40912	No
88	GOM_TRA_1PNPDE20091227_051838_000000532085_00277_40912_0842.N1	27-DEC-2009 05:18:38	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	40912	No
89	GOM_TRA_1PNPDE20091227_052216_000000542085_00277_40912_0843.N1	27-DEC-2009 05:22:16	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	40912	No
90	GOM_TRA_1PNPDE20091227_052445_000000412085_00277_40912_0844.N1	27-DEC-2009 05:24:45	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	40912	No
91	GOM_TRA_1PNPDE20091227_052747_000000592085_00277_40912_0845.N1	27-DEC-2009 05:27:47	Bright	59.000	107	37The Aur	2.6490	11000.	118	40912	No
92	GOM_TRA_1PNPDE20091227_052940_000000442085_00277_40912_0846.N1	27-DEC-2009 05:29:40	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	40912	No
93	GOM_TRA_1PNPDE20091227_054519_000000432085_00277_40912_0800.N1	27-DEC-2009 05:45:19	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40912	Yes
94	GOM_TRA_1PNPDE20091227_055017_000000442085_00277_40912_0801.N1	27-DEC-2009 05:50:17	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	40912	No
95	GOM_TRA_1PNPDE20091227_055321_000000432085_00277_40912_0802.N1	27-DEC-2009 05:53:21	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	40912	No
96	GOM_TRA_1PNPDE20091227_055710_000000592085_00277_40912_0803.N1	27-DEC-2009 05:57:10	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	40912	No
97	GOM_TRA_1PNPDE20091227_060040_000000412085_00277_40912_0804.N1	27-DEC-2009 06:00:40	Bright	40.500	83		2.3780	11000.	81	40912	No
98	GOM_TRA_1PNPDE20091227_060430_000000702085_00277_40912_0805.N1	27-DEC-2009 06:04:30	Bright	70.000	111	8Eta Boo	2.6800	6000.0	140	40912	No
99	GOM_TRA_1PNPDE20091227_061316_000000462085_00277_40912_0806.N1	27-DEC-2009 06:13:16	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	40912	No
100	GOM_TRA_1PNPDE20091227_061553_000000612085_00277_40912_0807.N1	27-DEC-2009 06:15:53	Straylight	61.000	15	67Alp Vir	0.97600	28000.	122	40912	No
101	GOM_TRA_1PNPDE20091227_062000_000000432085_00277_40912_0808.N1	27-DEC-2009 06:20:00	Dark	43.000	54	5The Cen	2.0550	4500.0	86	40912	No
102	GOM_TRA_1PNPDE20091227_062208_000000442085_00277_40912_0809.N1	27-DEC-2009 06:22:08	Dark	43.500	123	lot Cen	2.7500	10200.	87	40912	No
103	GOM_TRA_1PNPDE20091227_062608_000000472085_00278_40913_0810.N1	27-DEC-2009 06:26:08	Dark	47.000	64	Gam Cen	2.2000	10600.	94	40913	No
104	GOM_TRA_1PNPDE20091227_063211_000000472085_00278_40913_0811.N1	27-DEC-2009 06:32:11	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	40913	No
105	GOM_TRA_1PNPDE20091227_063508_000000492085_00278_40913_0812.N1	27-DEC-2009 06:35:08	Dark	48.500	71	lot Car	2.2460	7700.0	97	40913	No
106	GOM_TRA_1PNPDE20091227_063650_000000532085_00278_40913_0813.N1	27-DEC-2009 06:36:50	Dark	53.000	41	Eps Car	1.8600	4100.0	106	40913	No
107	GOM_TRA_1PNPDE20091227_063955_000000472085_00278_40913_0814.N1	27-DEC-2009 06:39:55	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40913	No
108	GOM_TRA_1PNPDE20091227_064207_000000492085_00278_40913_0815.N1	27-DEC-2009 06:42:07	Dark	49.000	70	Zet Pup	2.2460	39000.	98	40913	No
109	GOM_TRA_1PNPDE20091227_064421_000000482085_00278_40913_0816.N1	27-DEC-2009 06:44:21	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	40913	No
110	GOM_TRA_1PNPDE20091227_064716_000000472085_00278_40913_0817.N1	27-DEC-2009 06:47:16	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	40913	No
111	GOM_TRA_1PNPDE20091227_064853_000000472085_00278_40913_0818.N1	27-DEC-2009 06:48:53	Straylight	46.500	179	24Omi2CMa	3.0320	24000.	93	40913	No
112	GOM_TRA_1PNPDE20091227_065129_000000522085_00278_40913_0819.N1	27-DEC-2009 06:51:29	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	40913	No
113	GOM_TRA_1PNPDE20091227_065401_000000442085_00278_40913_0820.N1	27-DEC-2009 06:54:01	Straylight	44.000	56	53Kap Ori	2.0650	30000.	88	40913	No
114	GOM_TRA_1PNPDE20091227_065634_000000442085_00278_40913_0821.N1	27-DEC-2009 06:56:34	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	40913	No
115	GOM_TRA_1PNPDE20091227_065914_000000522085_00278_40913_0822.N1	27-DEC-2009 06:59:14	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	40913	No
116	GOM_TRA_1PNPDE20091227_070252_000000602085_00278_40913_0823.N1	27-DEC-2009 07:02:52	Bright	60.000	44	24Gam Gem	1.9280	11000.	120	40913	No
117	GOM_TRA_1PNPDE20091227_070520_000000412085_00278_40913_0824.N1	27-DEC-2009 07:05:20	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	40913	No
118	GOM_TRA_1PNPDE20091227_070823_000000412085_00278_40913_0825.N1	27-DEC-2009 07:08:23	Bright	41.000	107	37The Aur	2.6490	11000.	82	40913	No
119	GOM_TRA_1PNPDE20091227_071016_000000402085_00278_40913_0826.N1	27-DEC-2009 07:10:16	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	40913	No
120	GOM_TRA_1PNPDE20091227_072555_000000432085_00278_40913_0827.N1	27-DEC-2009 07:25:55	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	40913	No
121	GOM_TRA_1PNPDE20091227_200447_000000452085_00286_40921_0980.N1	27-DEC-2009 20:04:47	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	40921	No
122	GOM_TRA_1PNPDE20091227_200659_000000462085_00286_40921_0981.N1	27-DEC-2009 20:06:59	Dark	45.500	70	Zet Pup	2.2460	39000.	91	40921	No
123	GOM_TRA_1PNPDE20091227_200912_000000482085_00286_40921_0982.N1	27-DEC-2009 20:09:12	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	40921	No
124	GOM_TRA_1PNPDE20091227_201206_000000492085_00286_40921_0983.N1	27-DEC-2009 20:12:06	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	40921	No
125	GOM_TRA_1PNPDE20091227_201342_000000472085_00286_40921_0984.N1	27-DEC-2009 20:13:42	Straylight	47.000	179	24Omi2CMa	3.0320	24000.	94	40921	No
126	GOM_TRA_1PNPDE20091227_201617_000000542085_00286_40921_0985.N1	27-DEC-2009 20:16:17	Straylight	53.500	1	9Alp CMa	-1.4400	11000.	107	40921	No
127	GOM_TRA_1PNPDE20091227_201849_000000432085_00286_40921_0986.N1	27-DEC-2009 20:18:49	Straylight	43.000	56	53Kap Ori	2.0650	30000.	86	40921	No
128	GOM_TRA_1PNPDE20091227_202122_000000442085_00286_40921_0987.N1	27-DEC-2009 20:21:22	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	40921	No
129	GOM_TRA_1PNPDE20091227_202401_000000512085_00286_40921_0988.N1	27-DEC-2009 20:24:01	Tw_i_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	40921	No
130	GOM_TRA_1PNPDE20091227_202736_000000592085_00286_40921_0989.N1	27-DEC-2009 20:27:36	Bright	59.000	44	24Gam Gem	1.9280	11000.	118	40921	No

131	GOM_TRA_1PNPDE20091227_203007_000000392085_00286_40921_0990.N1	27-DEC-2009 20:30:07	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	40921	No
132	GOM_TRA_1PNPDE20091227_203308_000000402085_00286_40921_0991.N1	27-DEC-2009 20:33:08	Bright	40.000	107	37The Aur	2.6490	11000.	80	40921	No
133	GOM_TRA_1PNPDE20091227_203502_000000452085_00286_40921_0992.N1	27-DEC-2009 20:35:02	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40921	No
134	GOM_TRA_1PNPDE20091227_205037_000000382085_00286_40921_0993.N1	27-DEC-2009 20:50:37	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	40921	No
135	GOM_TRA_1PNPDE20091227_205537_000000482085_00286_40921_0994.N1	27-DEC-2009 20:55:37	Bright	48.000	32	77Eps UMa	1.7630	11000.	96	40921	No
136	GOM_TRA_1PNPDE20091227_205842_000000632085_00286_40921_0995.N1	27-DEC-2009 20:58:42	Bright	63.000	39	85Eta UMa	1.8540	24000.	126	40921	No
137	GOM_TRA_1PNPDE20091227_210233_000000402085_00286_40921_0996.N1	27-DEC-2009 21:02:33	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	40921	No
138	GOM_TRA_1PNPDE20091227_210605_000000592085_00286_40921_0997.N1	27-DEC-2009 21:06:05	Bright	59.000	83		2.3780	11000.	118	40921	No
139	GOM_TRA_1PNPDE20091227_210958_000000712085_00286_40921_0998.N1	27-DEC-2009 21:09:58	Bright	70.500	111	8Eta Boo	2.6800	6000.0	141	40921	No
140	GOM_TRA_1PNPDE20091227_211844_000000452085_00286_40921_1000.N1	27-DEC-2009 21:18:44	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	40921	No
141	GOM_TRA_1PNPDE20091227_212127_000000672085_00286_40921_1001.N1	27-DEC-2009 21:21:27	Straylight	66.500	15	67Alp Vir	0.97600	28000.	133	40921	No
142	GOM_TRA_1PNPDE20091227_212530_000000462085_00286_40921_1002.N1	27-DEC-2009 21:25:30	Dark	46.000	54	5The Cen	2.0550	4500.0	92	40921	No
143	GOM_TRA_1PNPDE20091227_212740_000000442085_00286_40921_1003.N1	27-DEC-2009 21:27:40	Dark	43.500	123	lot Cen	2.7500	10200.	87	40921	No
144	GOM_TRA_1PNPDE20091227_213138_000000422085_00287_40922_1004.N1	27-DEC-2009 21:31:38	Dark	41.500	64	Gam Cen	2.2000	10600.	83	40922	No
145	GOM_TRA_1PNPDE20091227_213742_000000492085_00287_40922_1005.N1	27-DEC-2009 21:37:42	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	40922	No
146	GOM_TRA_1PNPDE20091227_214037_000000452085_00287_40922_1006.N1	27-DEC-2009 21:40:37	Dark	44.500	71	lot Car	2.2460	7700.0	89	40922	No
147	GOM_TRA_1PNPDE20091227_214217_000000532085_00287_40922_1007.N1	27-DEC-2009 21:42:17	Dark	53.000	41	Eps Car	1.8600	4100.0	106	40922	No
148	GOM_TRA_1PNPDE20091227_214523_000000432085_00287_40922_1008.N1	27-DEC-2009 21:45:23	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	40922	No
149	GOM_TRA_1PNPDE20091227_214735_000000462085_00287_40922_1009.N1	27-DEC-2009 21:47:35	Dark	46.000	70	Zet Pup	2.2460	39000.	92	40922	No
150	GOM_TRA_1PNPDE20091227_214949_000000492085_00287_40922_1010.N1	27-DEC-2009 21:49:49	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	40922	No
151	GOM_TRA_1PNPDE20091227_215243_000000502085_00287_40922_1011.N1	27-DEC-2009 21:52:43	Straylight	49.500	23	21Eps CMa	1.5020	26000.	99	40922	No
152	GOM_TRA_1PNPDE20091227_215419_000000482085_00287_40922_1012.N1	27-DEC-2009 21:54:19	Straylight	47.500	179	24Omi2CMa	3.0320	24000.	95	40922	No
153	GOM_TRA_1PNPDE20091227_215653_000000552085_00287_40922_1013.N1	27-DEC-2009 21:56:53	Straylight	54.500	1	9Alp CMa	-1.4400	11000.	109	40922	No
154	GOM_TRA_1PNPDE20091227_215925_000000432085_00287_40922_1014.N1	27-DEC-2009 21:59:25	Straylight	43.000	56	53Kap Ori	2.0650	30000.	86	40922	No
155	GOM_TRA_1PNPDE20091227_220158_000000452085_00287_40922_1015.N1	27-DEC-2009 22:01:58	Straylight	44.500	30	46Eps Ori	1.6940	30000.	89	40922	No
156	GOM_TRA_1PNPDE20091227_220437_000000542085_00287_40922_1016.N1	27-DEC-2009 22:04:37	Tw_i_and_stray	54.000	14	58Alp Ori	0.87000	3000.0	108	40922	No
157	GOM_TRA_1PNPDE20091227_220811_000000492085_00287_40922_1017.N1	27-DEC-2009 22:08:11	Bright	49.000	44	24Gam Gem	1.9280	11000.	98	40922	No
158	GOM_TRA_1PNPDE20091227_221043_000000402085_00287_40922_1018.N1	27-DEC-2009 22:10:43	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	40922	No
159	GOM_TRA_1PNPDE20091227_221343_000000412085_00287_40922_1019.N1	27-DEC-2009 22:13:43	Bright	41.000	107	37The Aur	2.6490	11000.	82	40922	No
160	GOM_TRA_1PNPDE20091227_221538_000000432085_00287_40922_1020.N1	27-DEC-2009 22:15:38	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	40922	No
161	GOM_TRA_1PNPDE20091227_223112_000000372085_00287_40922_1021.N1	27-DEC-2009 22:31:12	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	40922	No
162	GOM_TRA_1PNPDE20091227_223613_000000482085_00287_40922_1022.N1	27-DEC-2009 22:36:13	Bright	47.500	32	77Eps UMa	1.7630	11000.	95	40922	No
163	GOM_TRA_1PNPDE20091227_223918_000000452085_00287_40922_1023.N1	27-DEC-2009 22:39:18	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	40922	No
164	GOM_TRA_1PNPDE20091227_224310_000000602085_00287_40922_1024.N1	27-DEC-2009 22:43:10	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	40922	No
165	GOM_TRA_1PNPDE20091227_224641_000000592085_00287_40922_1025.N1	27-DEC-2009 22:46:41	Bright	59.000	83		2.3780	11000.	118	40922	No
166	GOM_TRA_1PNPDE20091227_225034_000000712085_00287_40922_1026.N1	27-DEC-2009 22:50:34	Bright	71.000	111	8Eta Boo	2.6800	6000.0	142	40922	No
167	GOM_TRA_1PNPDE20091227_225920_000000452085_00287_40922_1020.N1	27-DEC-2009 22:59:20	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	40922	No
168	GOM_TRA_1PNPDE20091227_230204_000000612085_00287_40922_1021.N1	27-DEC-2009 23:02:04	Straylight	60.500	15	67Alp Vir	0.97600	28000.	121	40922	No
169	GOM_TRA_1PNPDE20091227_230606_000000502085_00287_40922_1022.N1	27-DEC-2009 23:06:06	Dark	49.500	54	5The Cen	2.0550	4500.0	99	40922	No
170	GOM_TRA_1PNPDE20091227_230857_000000402085_00287_40922_1023.N1	27-DEC-2009 23:08:57	Dark	39.500	95	Zet Cen	2.5450	26000.	79	40922	No
171	GOM_TRA_1PNPDE20091227_231819_000000512085_00288_40923_1024.N1	27-DEC-2009 23:18:19	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	40923	No
172	GOM_TRA_1PNPDE20091227_232113_000000522085_00288_40923_1025.N1	27-DEC-2009 23:21:13	Dark	51.500	71	lot Car	2.2460	7700.0	103	40923	No
173	GOM_TRA_1PNPDE20091227_232254_000000522085_00288_40923_1026.N1	27-DEC-2009 23:22:54	Dark	52.000	41	Eps Car	1.8600	4100.0	104	40923	No
174	GOM_TRA_1PNPDE20091227_232600_000000442085_00288_40923_1027.N1	27-DEC-2009 23:26:00	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	40923	No
175	GOM_TRA_1PNPDE20091227_232811_000000452085_00288_40923_1028.N1	27-DEC-2009 23:28:11	Dark	45.000	70	Zet Pup	2.2460	39000.	90	40923	No
176	GOM_TRA_1PNPDE20091227_233025_000000492085_00288_40923_1029.N1	27-DEC-2009 23:30:25	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	40923	No
177	GOM_TRA_1PNPDE20091227_233319_000000472085_00288_40923_1030.N1	27-DEC-2009 23:33:19	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	40923	No
178	GOM_TRA_1PNPDE20091227_233455_000000482085_00288_40923_1031.N1	27-DEC-2009 23:34:55	Straylight	47.500	179	24Omi2CMa	3.0320	24000.	95	40923	No
179	GOM_TRA_1PNPDE20091227_233729_000000542085_00288_40923_1032.N1	27-DEC-2009 23:37:29	Straylight	53.500	1	9Alp CMa	-1.4400	11000.	107	40923	No
180	GOM_TRA_1PNPDE20091227_234000_000000442085_00288_40923_1033.N1	27-DEC-2009 23:40:00	Straylight	43.500	56	53Kap Ori	2.0650	30000.	87	40923	No
181	GOM_TRA_1PNPDE20091227_234234_000000442085_00288_40923_1034.N1	27-DEC-2009 23:42:34	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	40923	No
182	GOM_TRA_1PNPDE20091227_234512_000000572085_00288_40923_1035.N1	27-DEC-2009 23:45:12	Tw_i_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	40923	No
183	GOM_TRA_1PNPDE20091227_234847_000000552085_00288_40923_1036.N1	27-DEC-2009 23:48:47	Bright	54.500	44	24Gam Gem	1.9280	11000.	109	40923	No
184	GOM_TRA_1PNPDE20091227_235118_000000392085_00288_40923_1037.N1	27-DEC-2009 23:51:18	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	40923	No
185	GOM_TRA_1PNPDE20091227_235419_000000412085_00288_40923_1038.N1	27-DEC-2009 23:54:19	Bright	40.500	107	37The Aur	2.6490	11000.	81	40923	No
186	GOM_TRA_1PNPDE20091227_235614_000000432085_00288_40923_1039.N1	27-DEC-2009 23:56:14	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	40923	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).

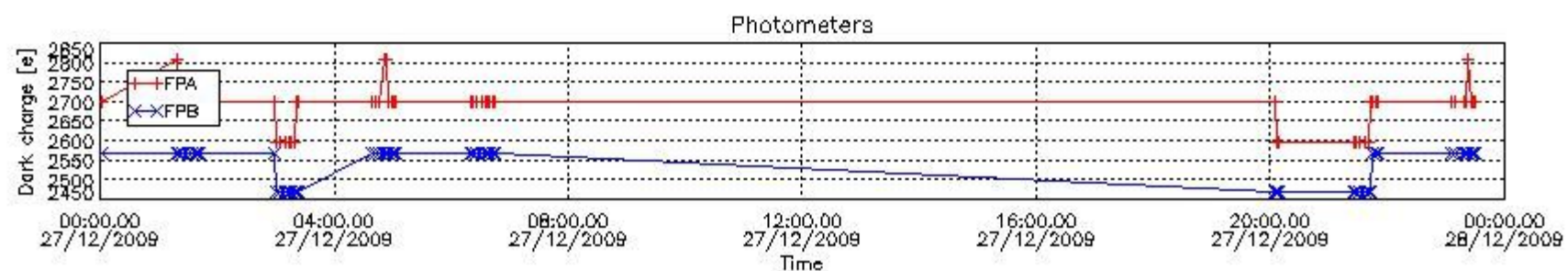
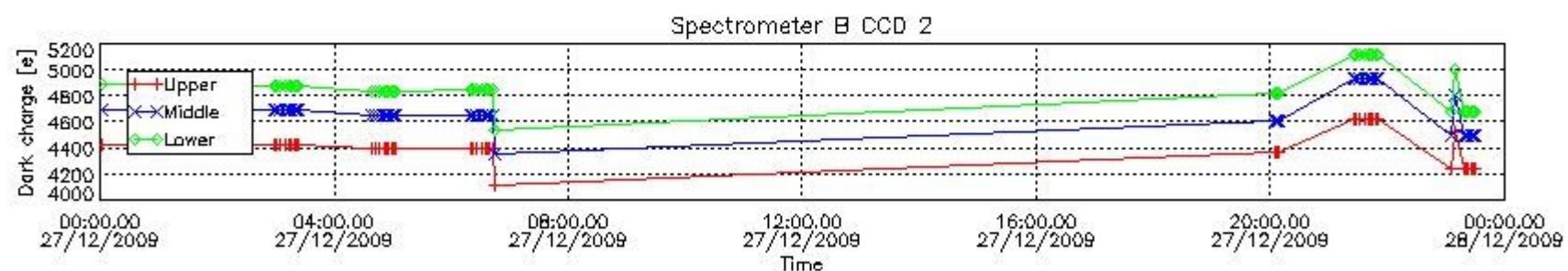
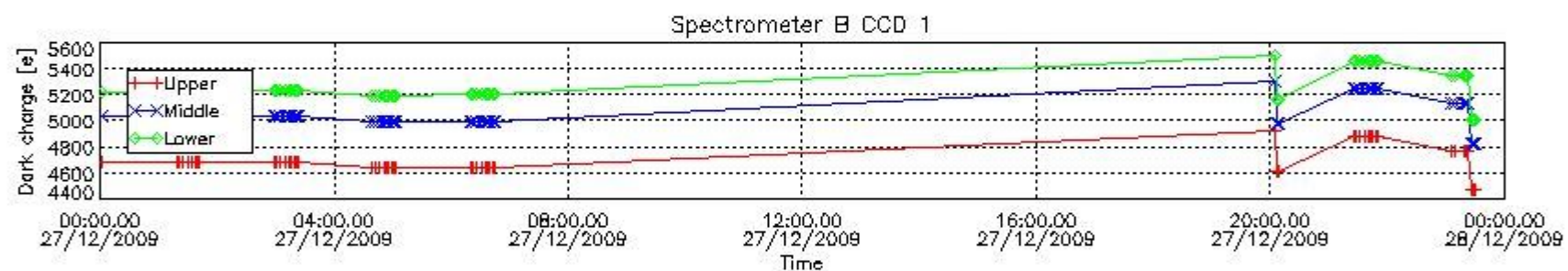
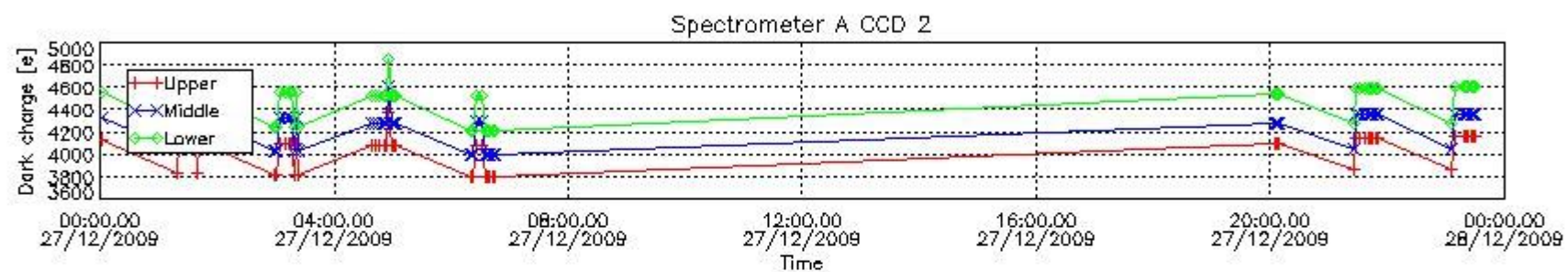
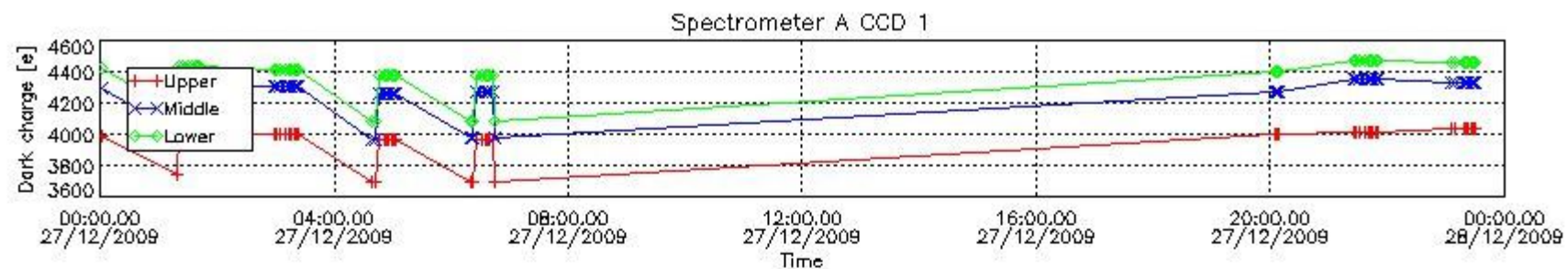
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20091227_200447_000000452085_00286_40921_0980.N1	DC map used
GOM_TRA_1PNPDE20091227_200659_000000462085_00286_40921_0981.N1	DC map used
GOM_TRA_1PNPDE20091227_200912_000000482085_00286_40921_0982.N1	DC map used
GOM_TRA_1PNPDE20091227_201206_000000492085_00286_40921_0983.N1	DC map used
GOM_TRA_1PNPDE20091227_201342_000000472085_00286_40921_0984.N1	DC map used
GOM_TRA_1PNPDE20091227_201617_000000542085_00286_40921_0985.N1	DC map used
GOM_TRA_1PNPDE20091227_201849_000000432085_00286_40921_0986.N1	DC map used
GOM_TRA_1PNPDE20091227_202122_000000442085_00286_40921_0987.N1	DC map used
GOM_TRA_1PNPDE20091227_202401_000000512085_00286_40921_0988.N1	DC map used
GOM_TRA_1PNPDE20091227_202736_000000592085_00286_40921_0989.N1	DC map used
GOM_TRA_1PNPDE20091227_203007_000000392085_00286_40921_0990.N1	DC map used
GOM_TRA_1PNPDE20091227_203308_000000402085_00286_40921_0991.N1	DC map used

GOM_TRA_1PNPDE20091227_203502_000000452085_00286_40921_0992.N1	DC map used
GOM_TRA_1PNPDE20091227_205037_000000382085_00286_40921_0993.N1	DC map used
GOM_TRA_1PNPDE20091227_205537_000000482085_00286_40921_0994.N1	DC map used
GOM_TRA_1PNPDE20091227_205842_000000632085_00286_40921_0995.N1	DC map used
GOM_TRA_1PNPDE20091227_210233_000000402085_00286_40921_0996.N1	DC map used
GOM_TRA_1PNPDE20091227_210605_000000592085_00286_40921_0997.N1	DC map used
GOM_TRA_1PNPDE20091227_210958_000000712085_00286_40921_0998.N1	DC map used

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



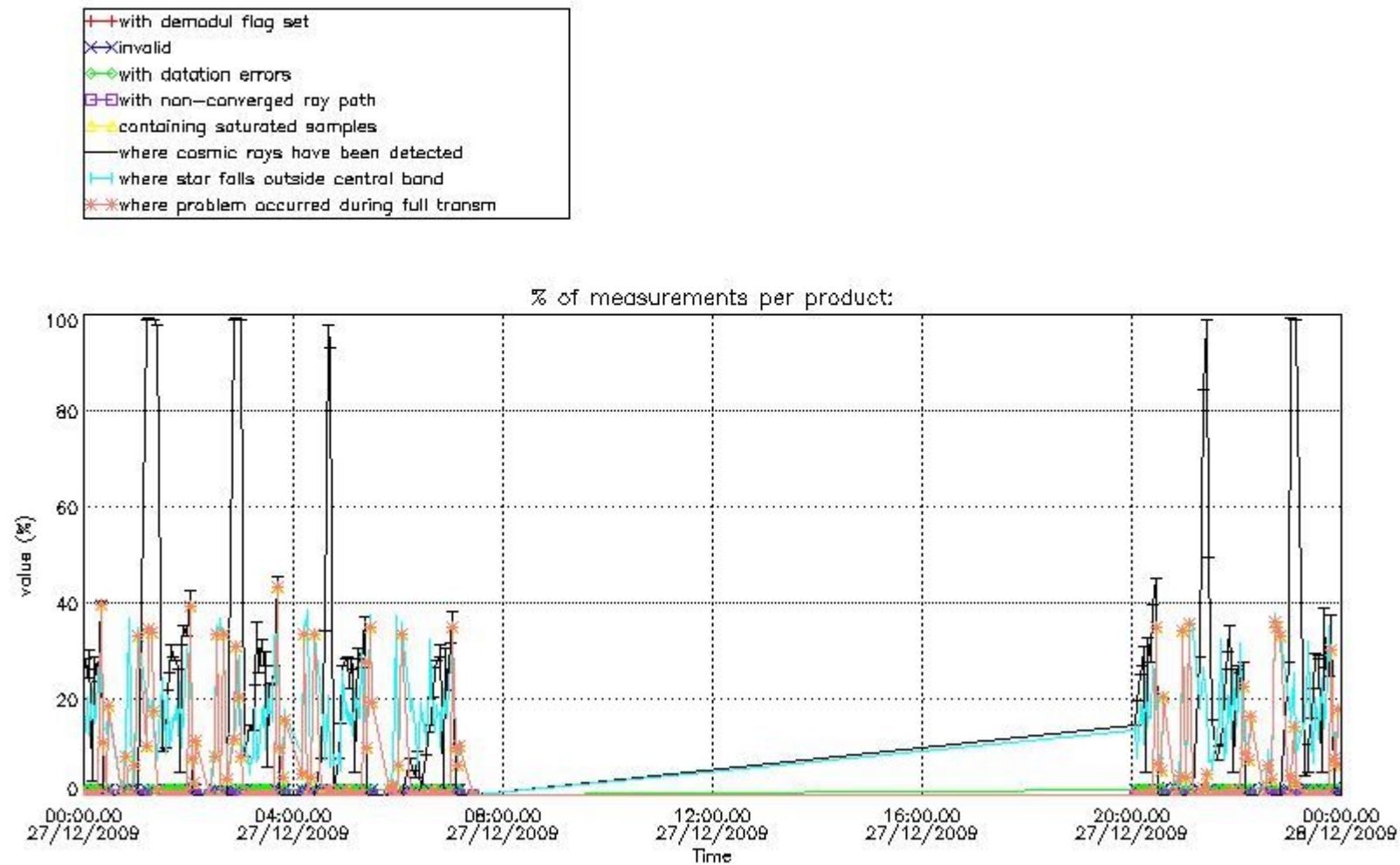
5. Demodulation flag and quality information monitoring

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.

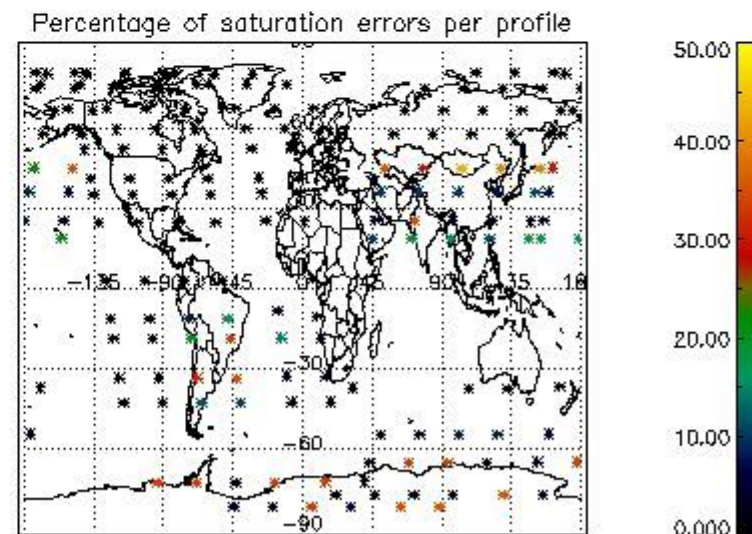
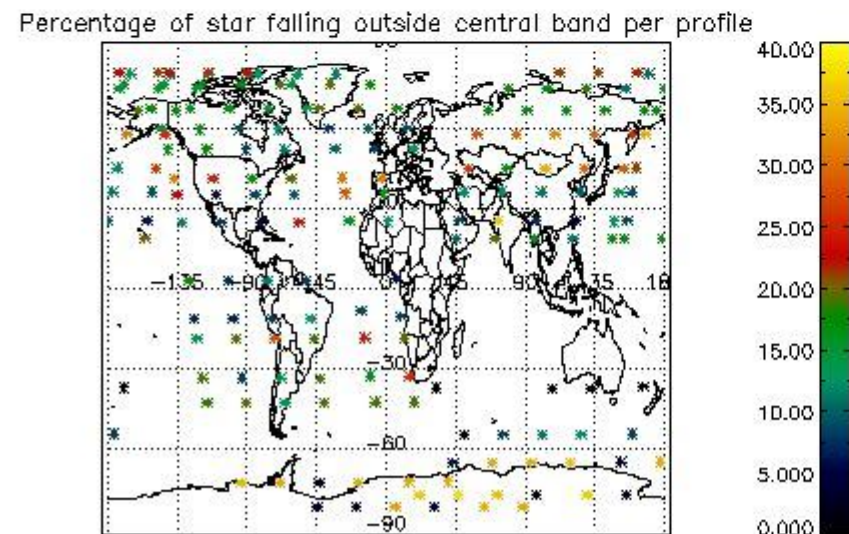
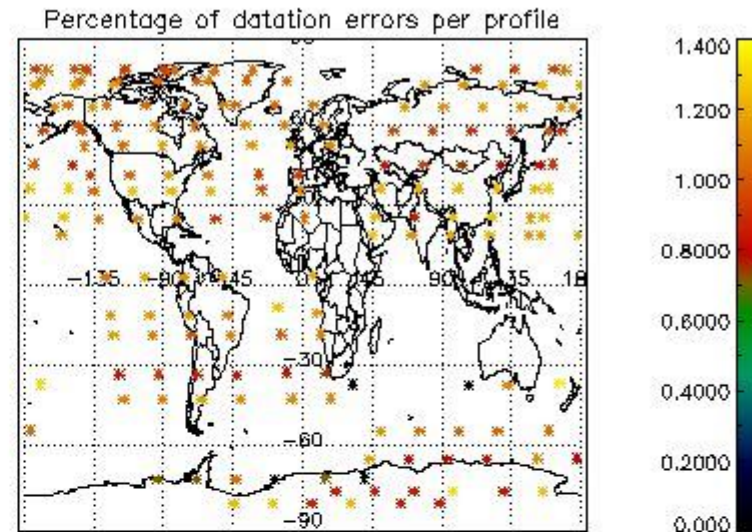
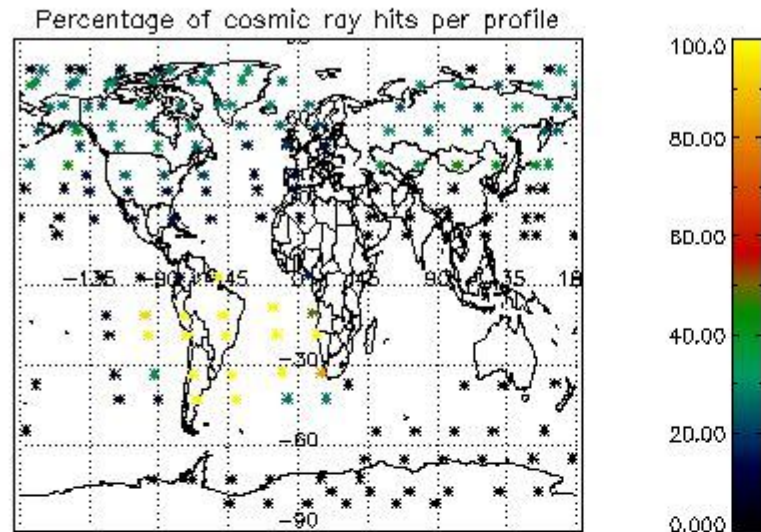
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	45.1087 %
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)



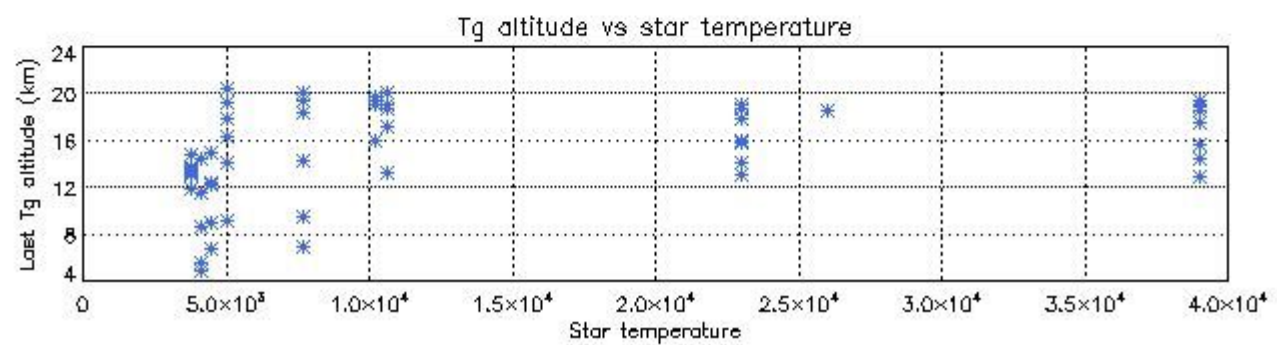
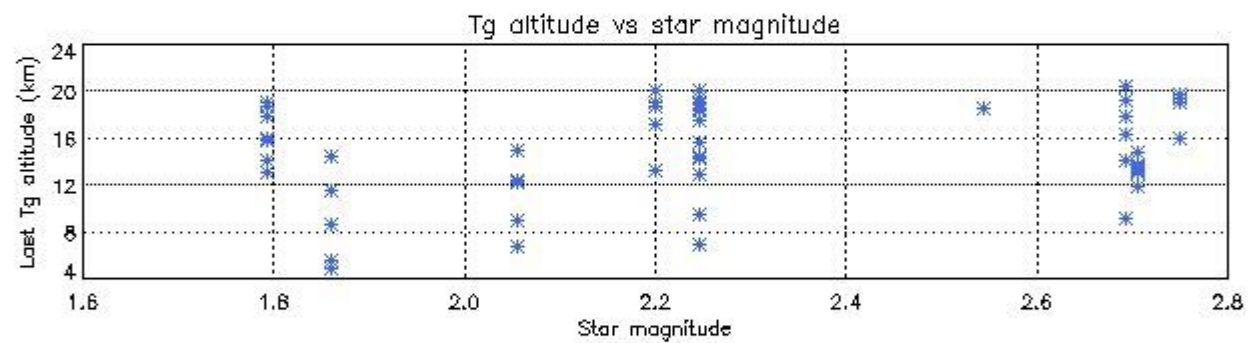
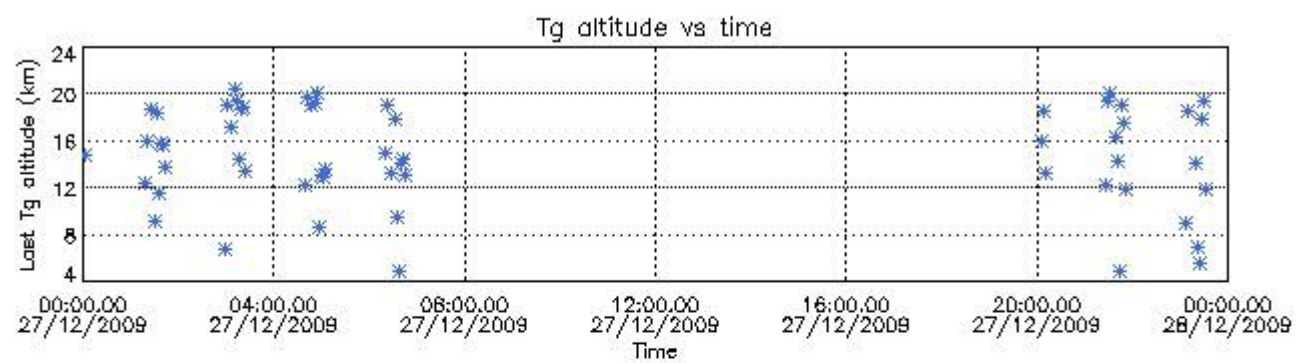
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.729	14.476	NaN
St. deviation:	4.2365	8.5564	NaN
Maximum:	20.395	44.439	NaN
Minimum:	4.8293	3.6967	NaN
Number of data:	57.000	73.000	NaN

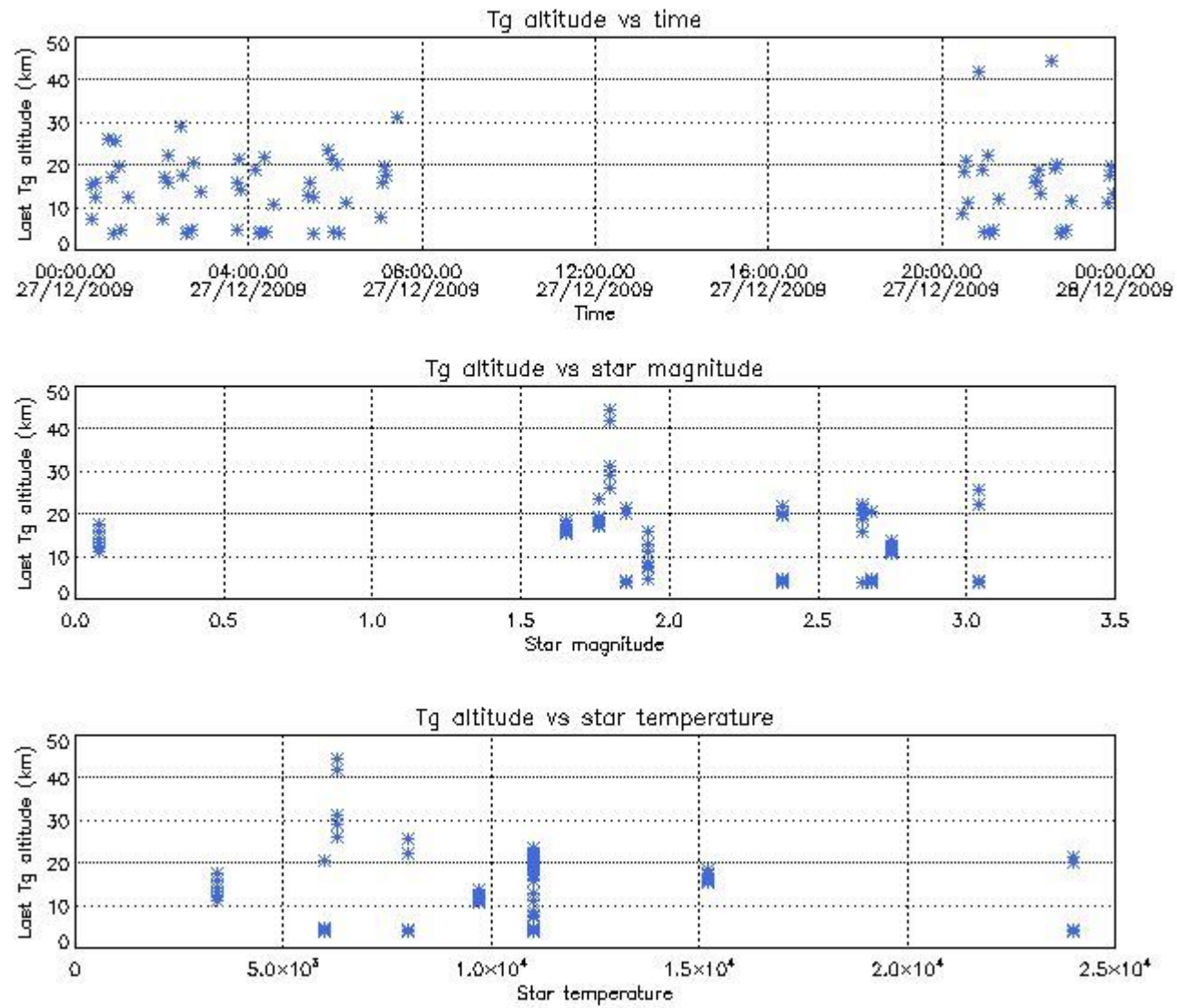
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

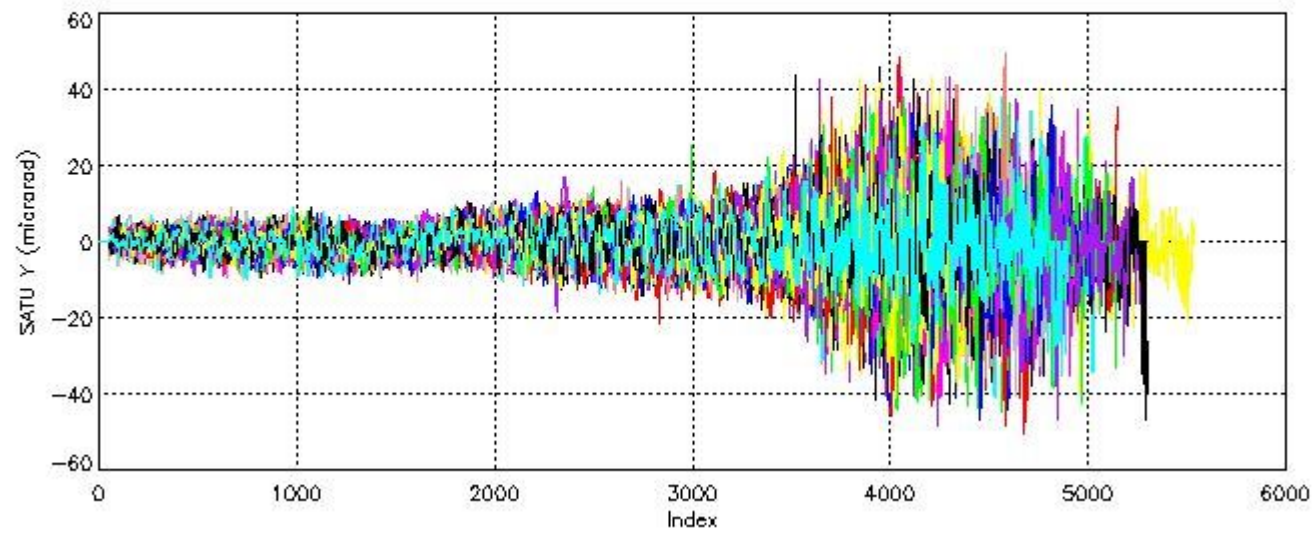
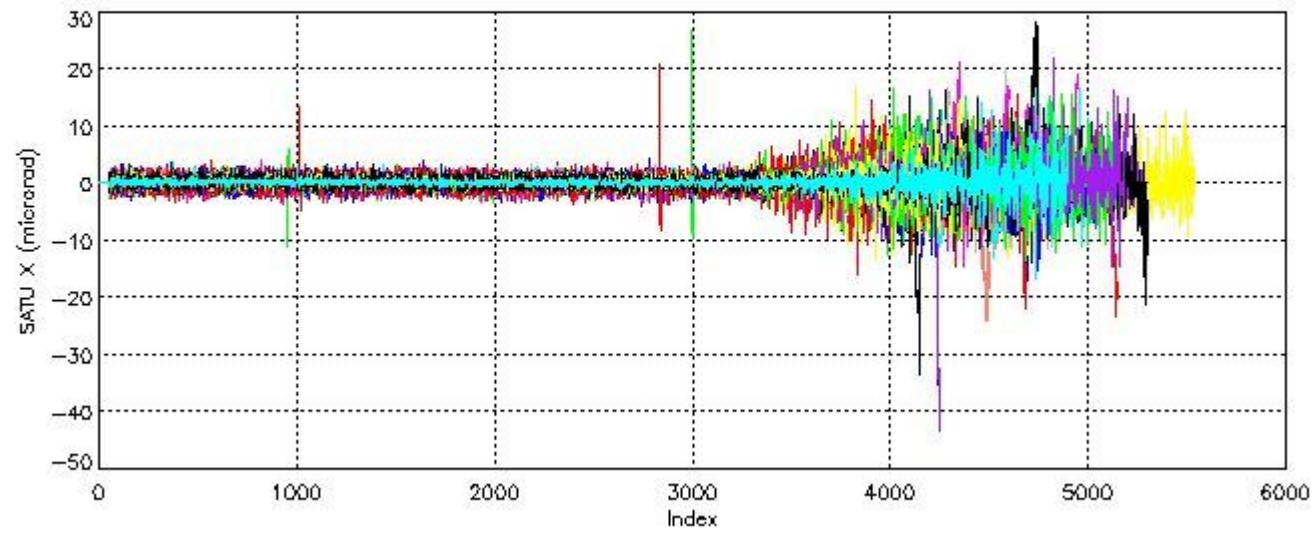


7. Star Acquisition and Tracking Unit (SATU)

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:	0.21050	-0.066006	0.20232	-0.15779
St. deviation:	0.55948	2.1175	0.74138	2.4181
Maximum:	6.0000	8.8000	5.8000	10.600
Minimum:	-11.200	-9.9000	-13.700	-14.800

Number of data:	55950.	55950.	72650.	72650.
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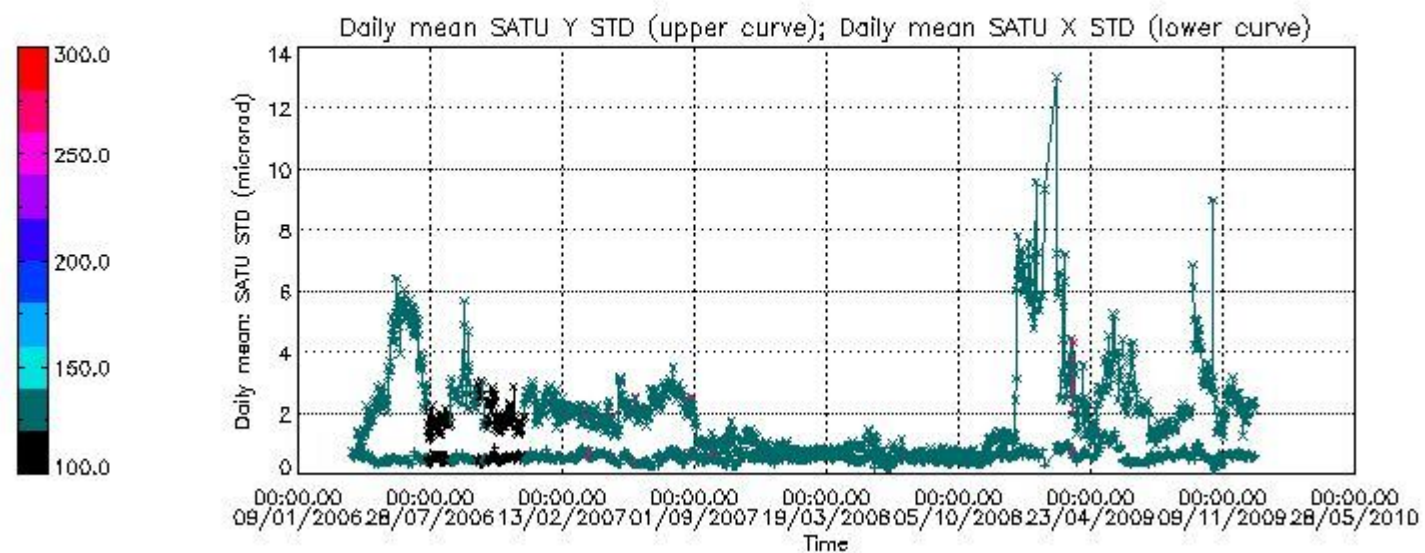
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

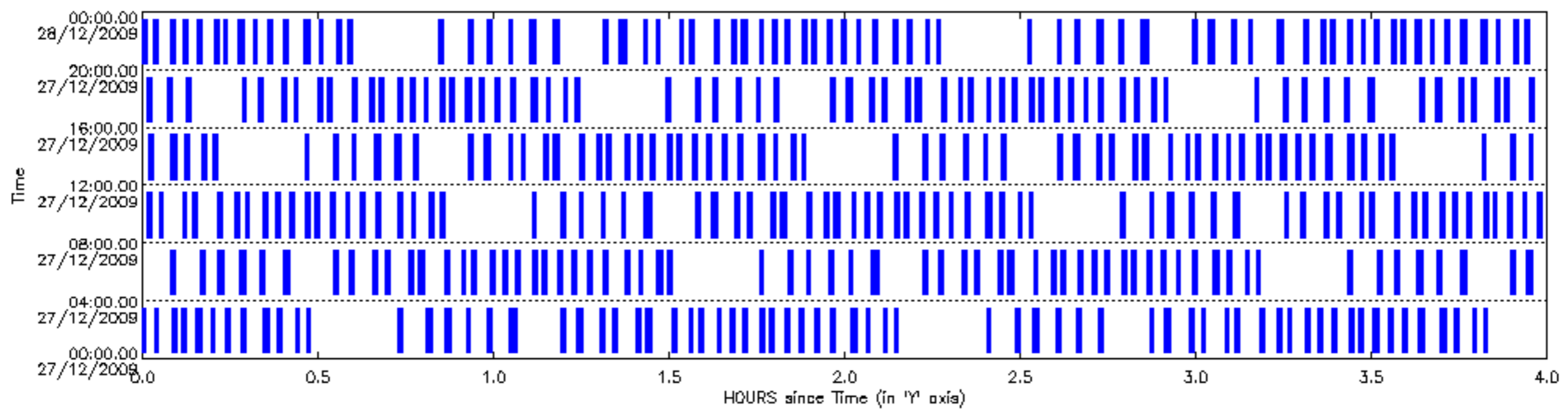
Lower curve: STD of SATU X axis

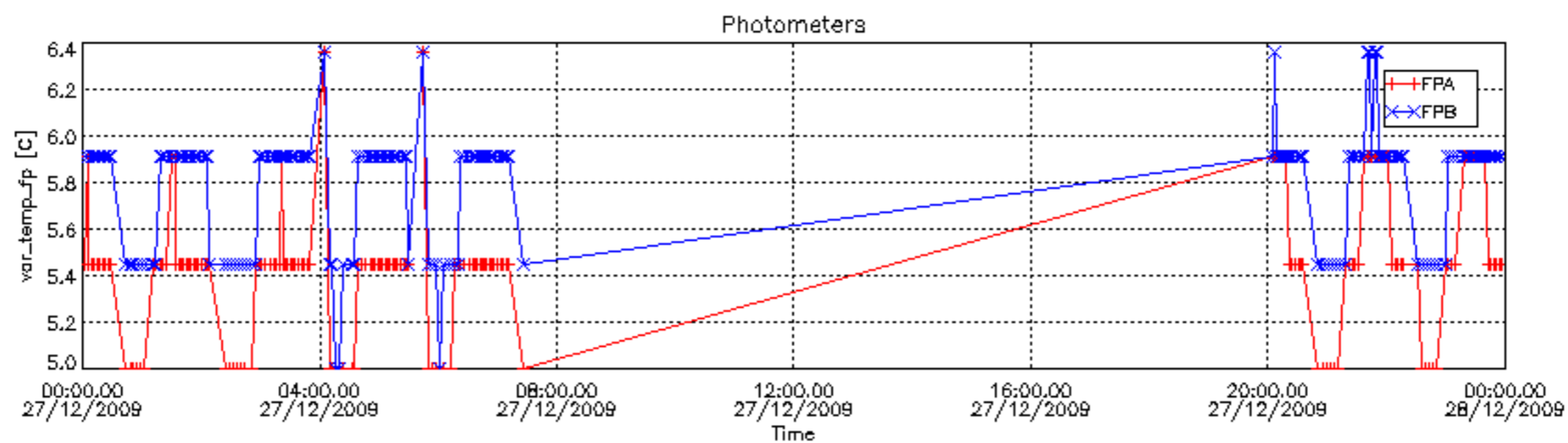
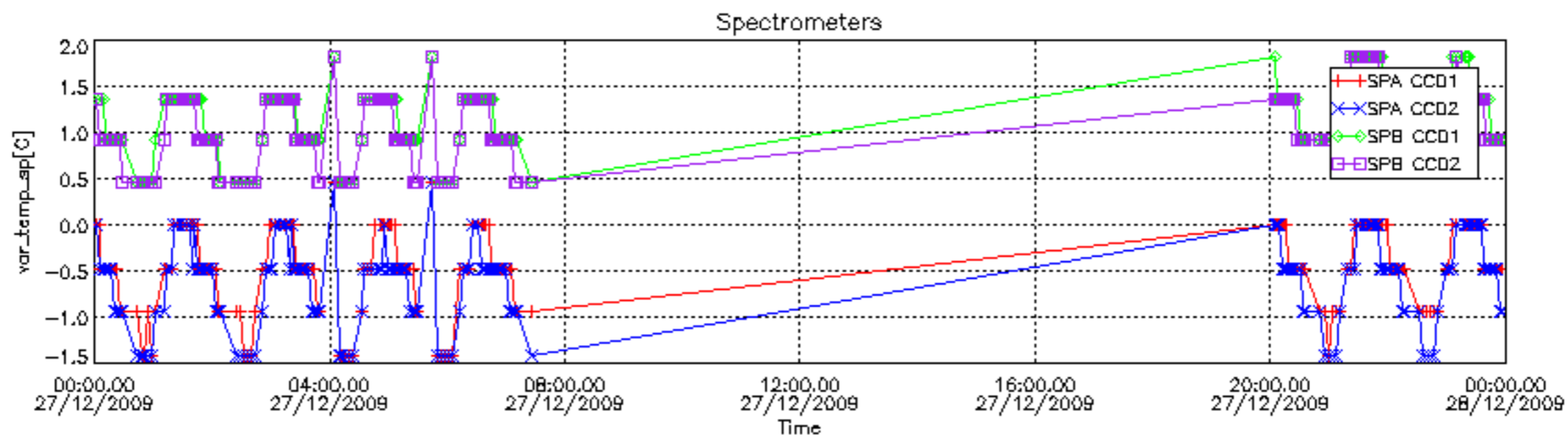


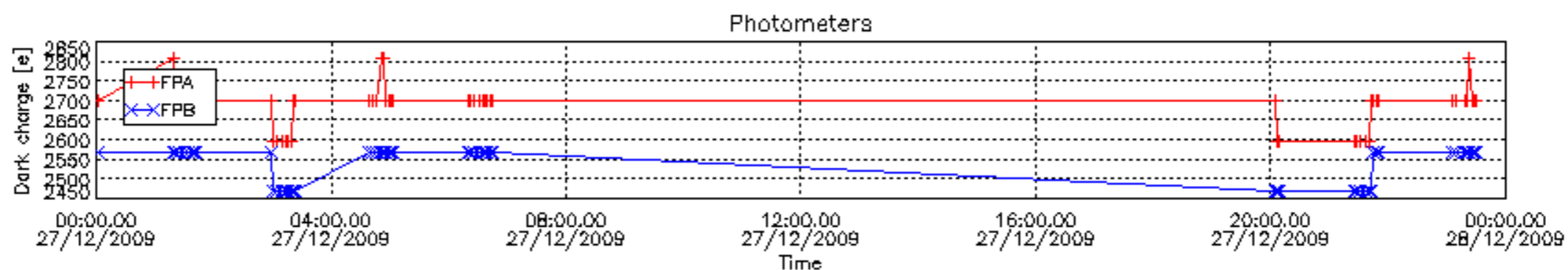
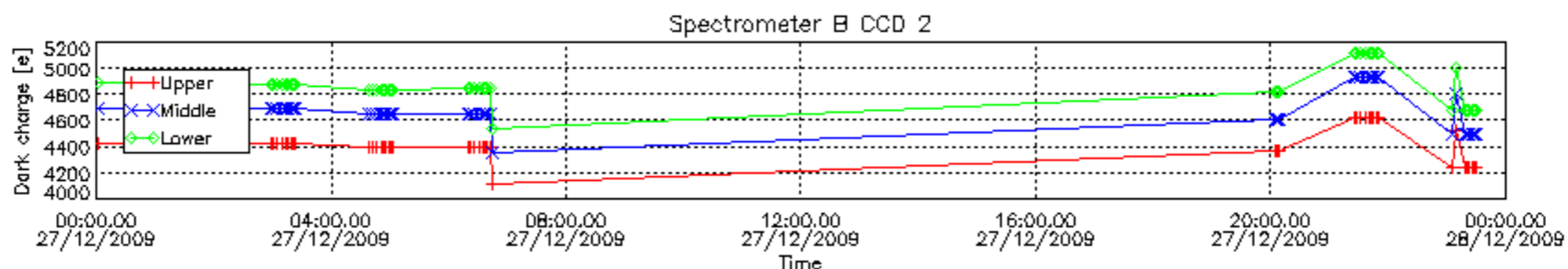
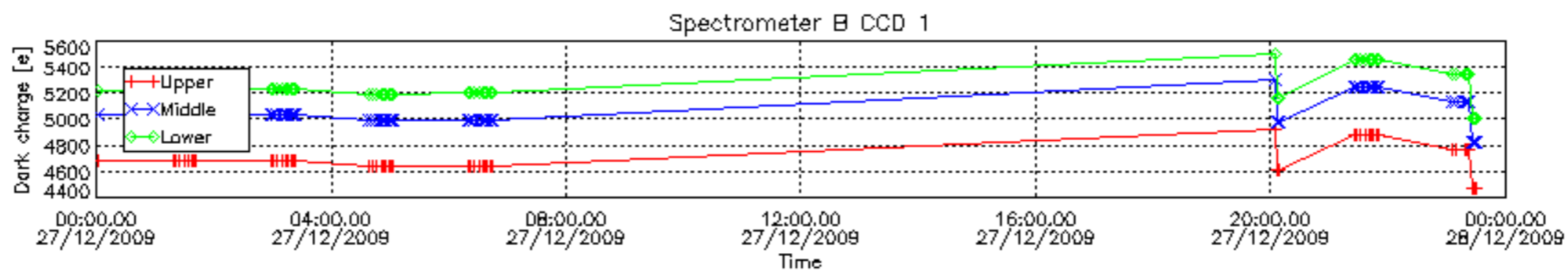
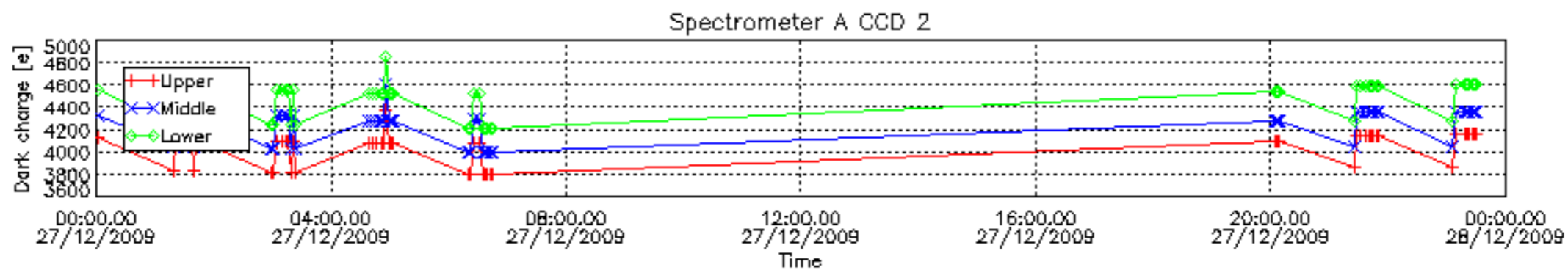
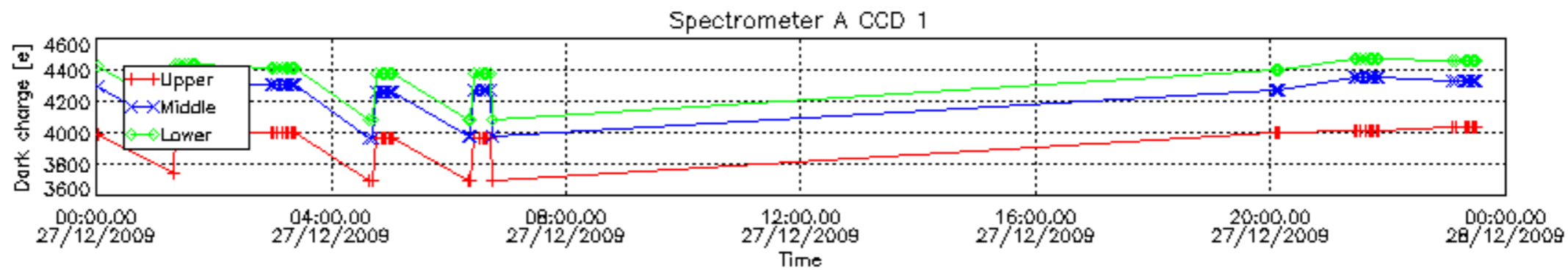
8. Auxiliary Data Files used for the production reported in section 2.4

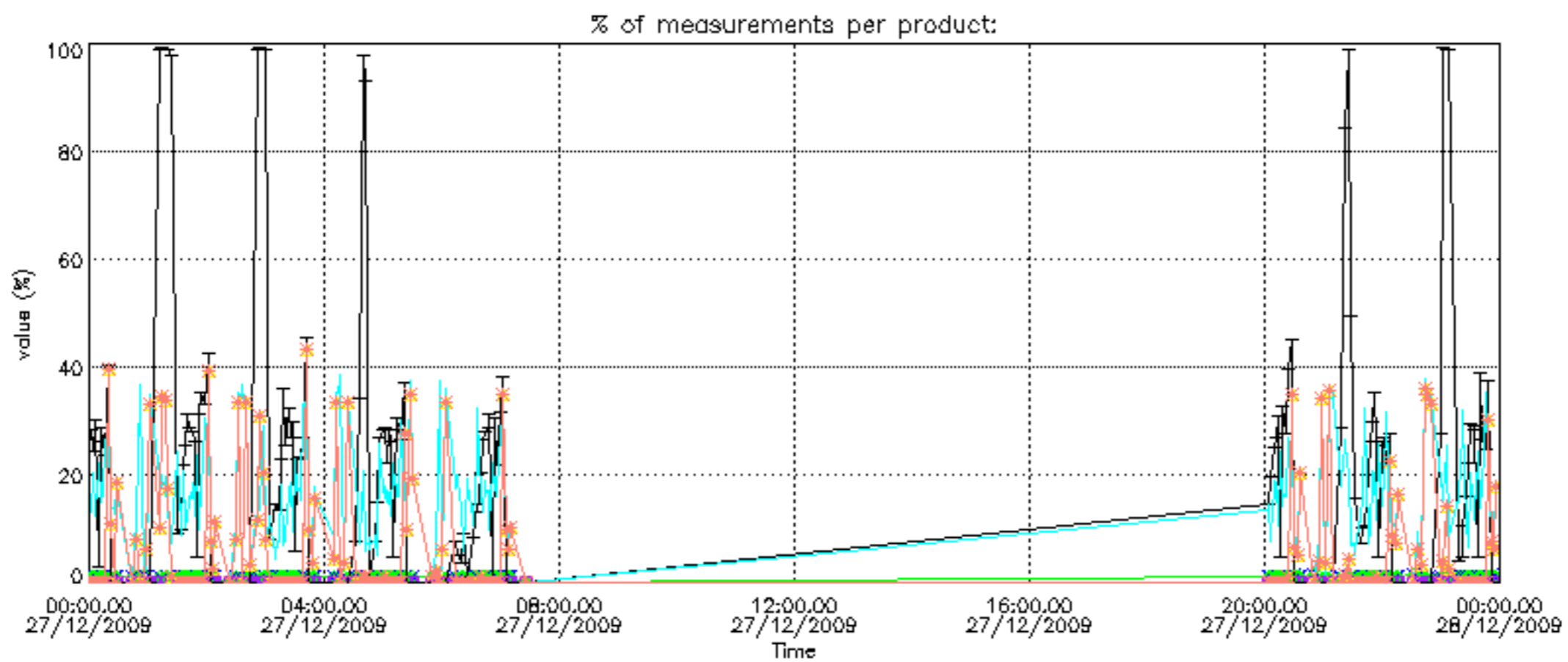
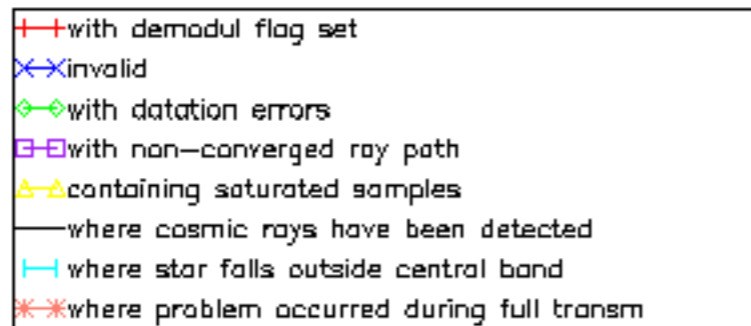
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-DEC-2009 00:01:56
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20091214_085046_20091212_000000_20500101_000000	1	27-DEC-2009 00:01:56
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	27-DEC-2009 00:01:56
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	27-DEC-2009 00:01:56
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	27-DEC-2009 00:01:56
ECMWF_FILE	AUX_ECA_AXNECM20091227_060113_20091226_210000_20091227_090000	1	27-DEC-2009 00:01:56
ECMWF_FILE	AUX_ECF_AXNECM20091227_062749_20091227_150000_20091228_030000	121	27-DEC-2009 20:04:47
ECMWF_FILE	AUX_ECF_AXNECM20091227_062750_20091227_210000_20091228_090000	140	27-DEC-2009 21:18:44
OPTIONAL_ECMWF_FILE	MISSING	1	27-DEC-2009 00:01:56
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20091227_083620_20091226_184104_20100105_200718	1	27-DEC-2009 00:01:56
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091227_010614_000044632085_00274_40909_9441.N1	18	27-DEC-2009 01:11:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091227_022556_000054192085_00275_40910_9440.N1	40	27-DEC-2009 02:29:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091227_054231_000057382085_00277_40912_9437.N1	66	27-DEC-2009 04:04:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091227_200315_000038252085_00286_40921_9445.N1	121	27-DEC-2009 20:04:47
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091227_211219_000060572085_00286_40921_9446.N1	140	27-DEC-2009 21:18:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091227_225316_000060572085_00287_40922_9447.N1	167	27-DEC-2009 22:59:20

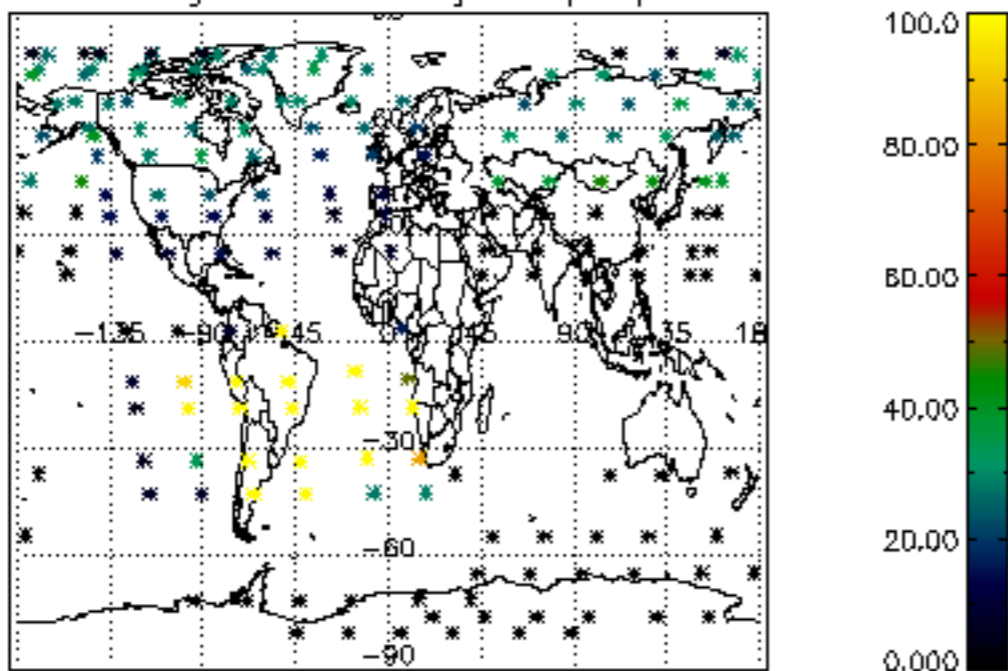




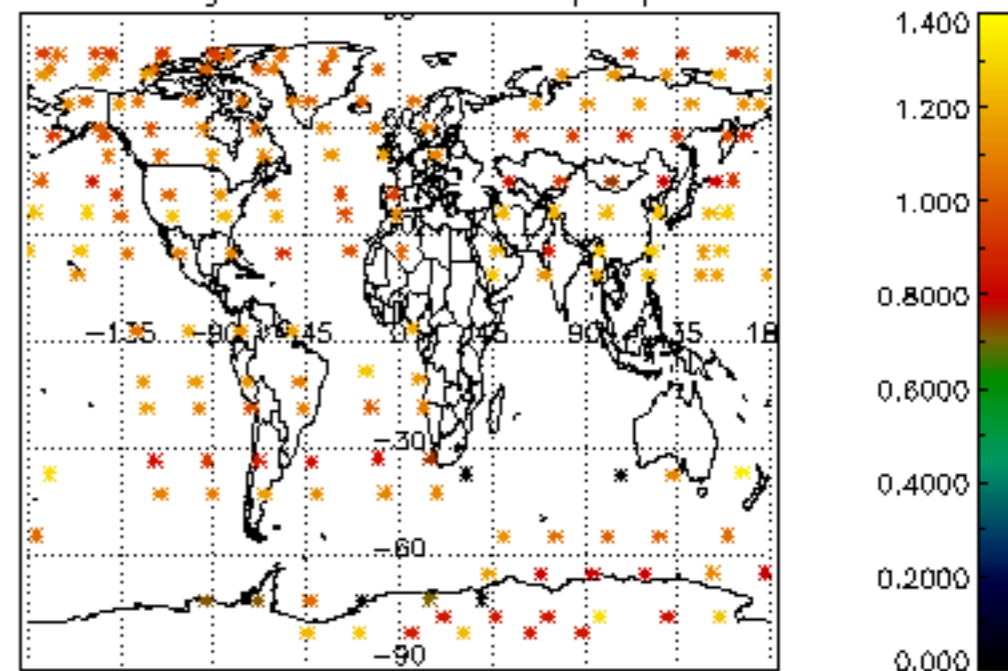




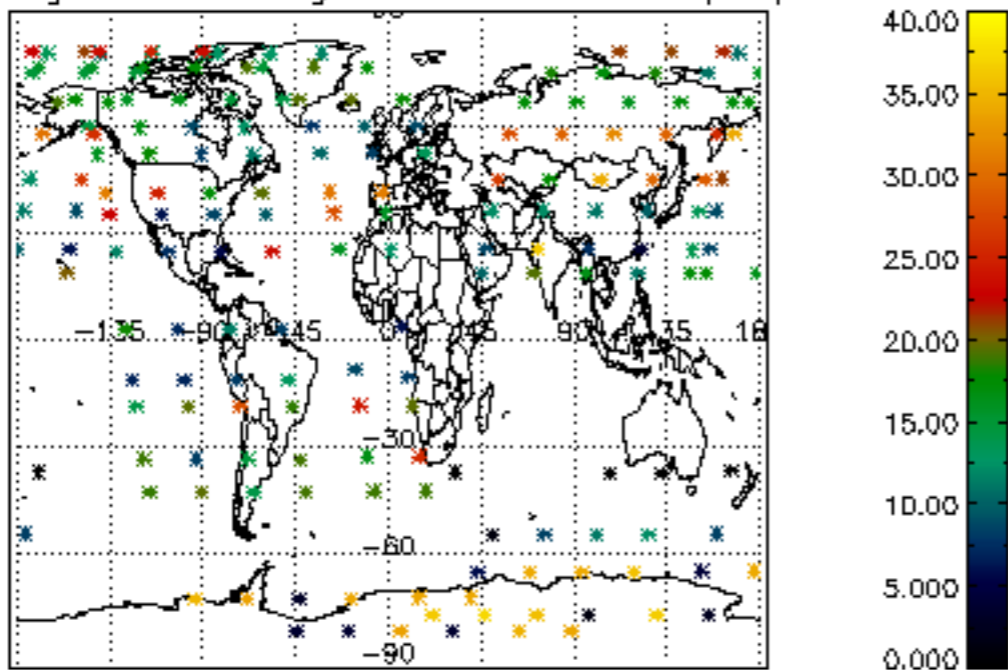
Percentage of cosmic ray hits per profile



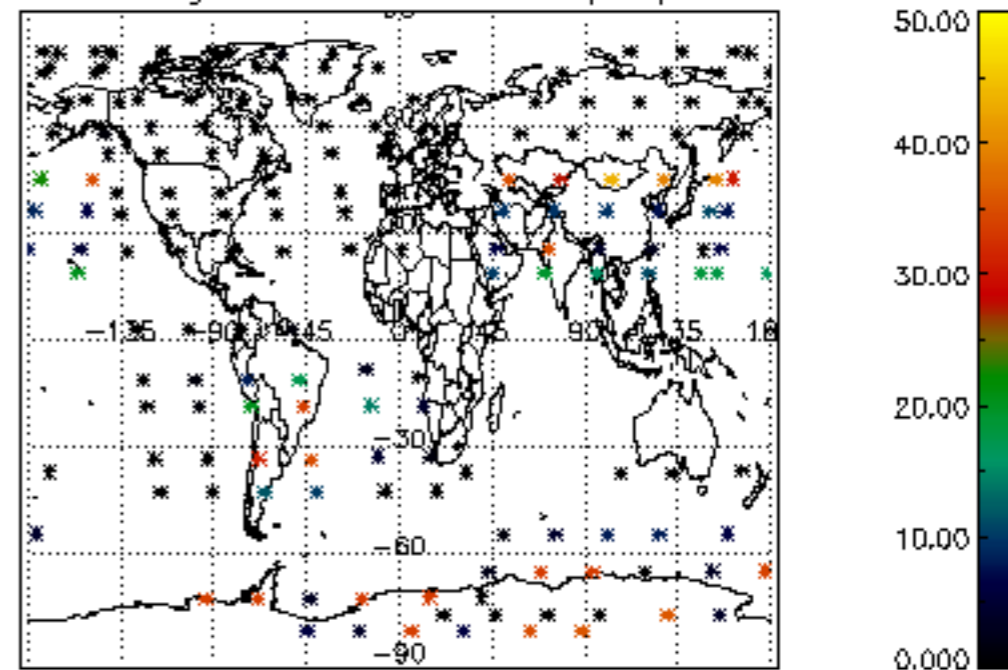
Percentage of datation errors per profile



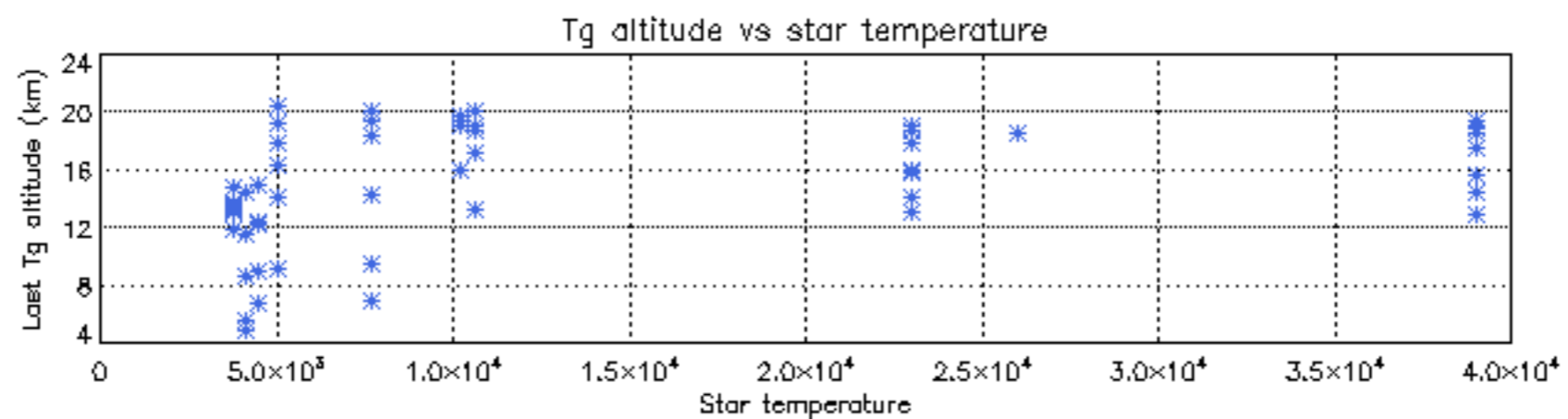
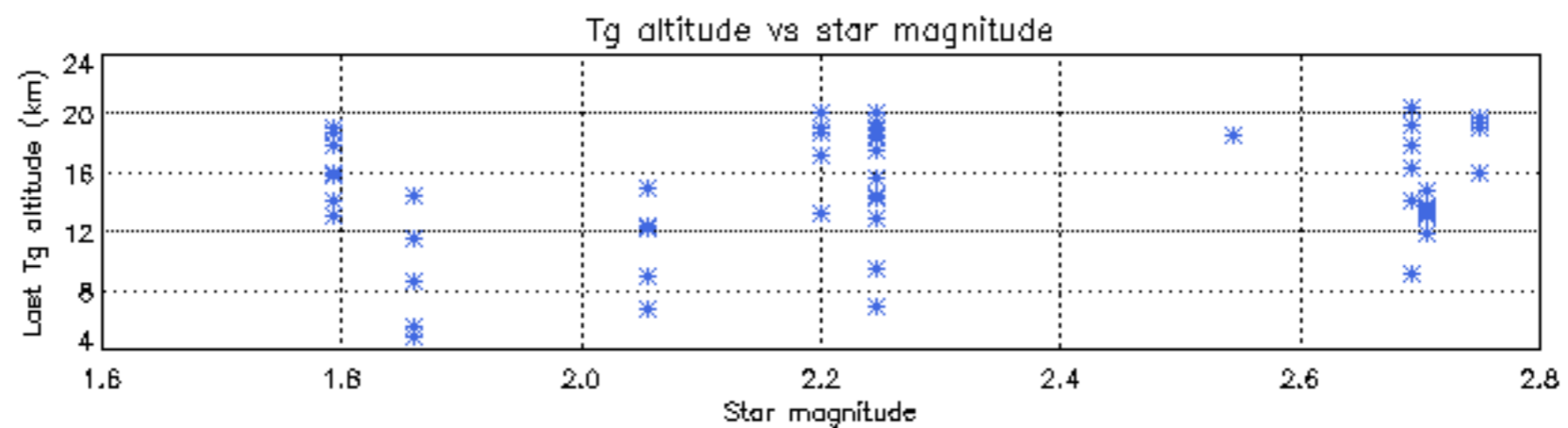
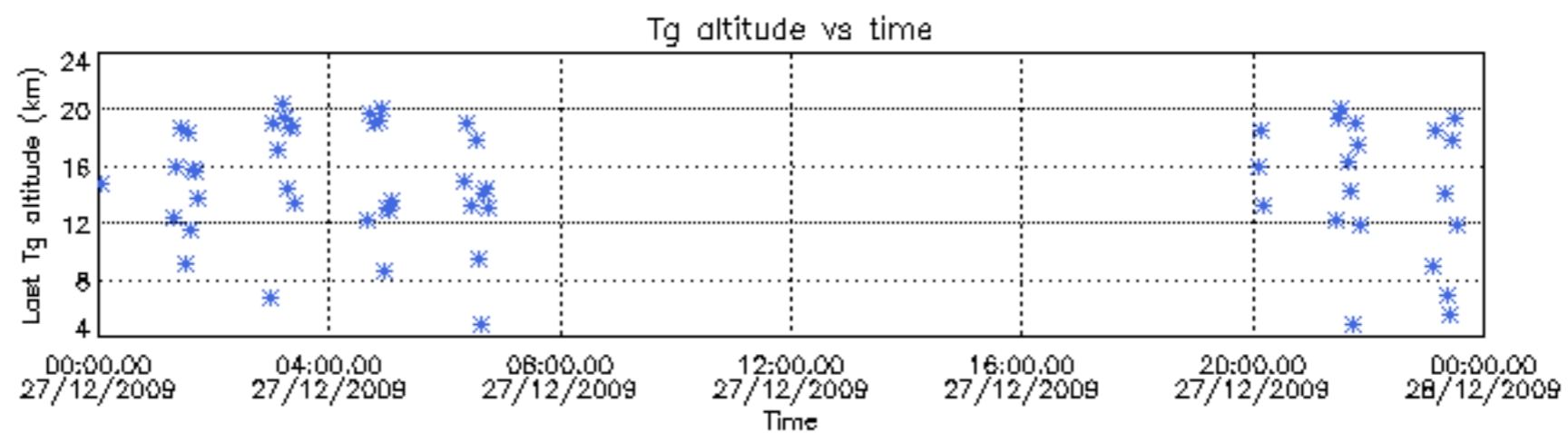
Percentage of star falling outside central band per profile



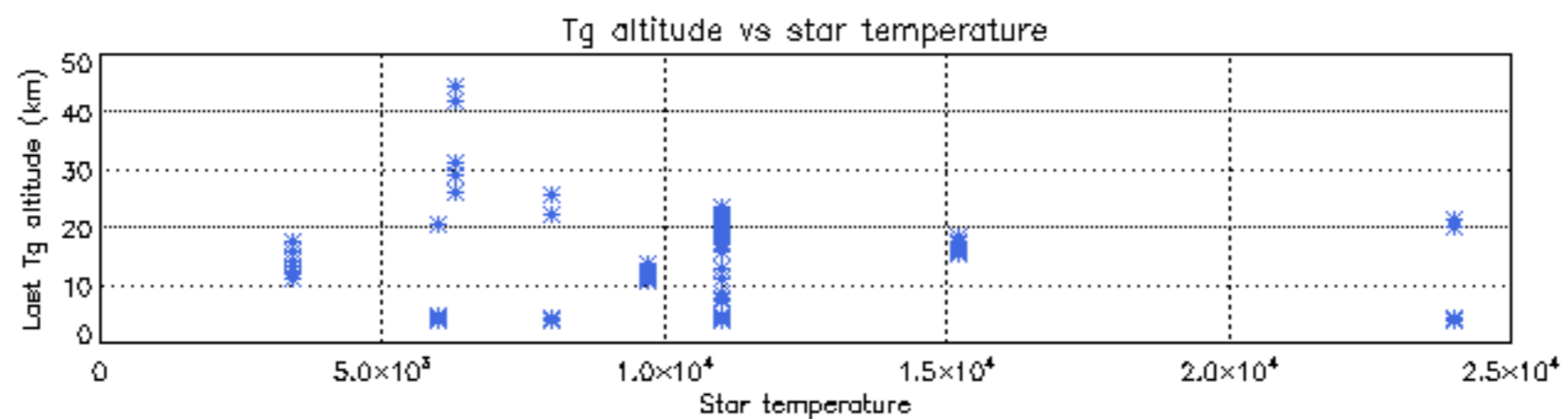
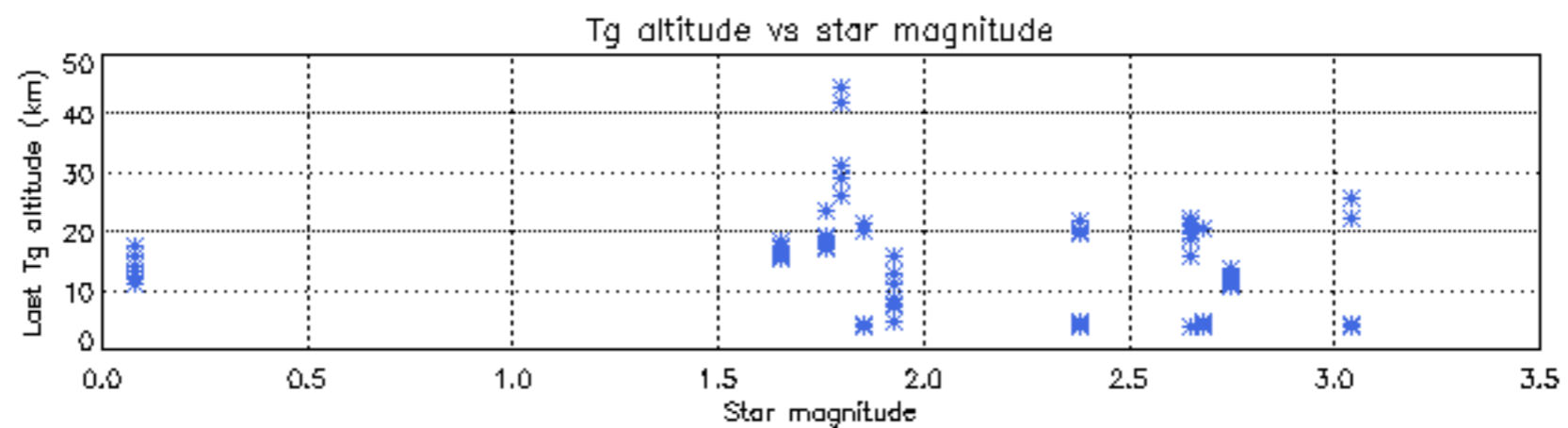
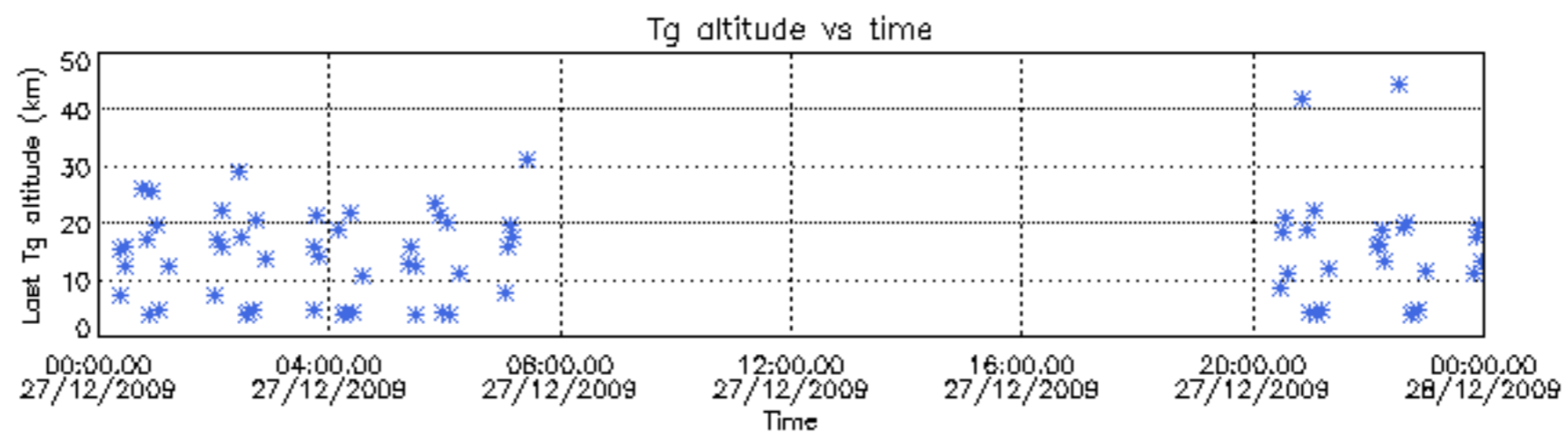
Percentage of saturation errors per profile

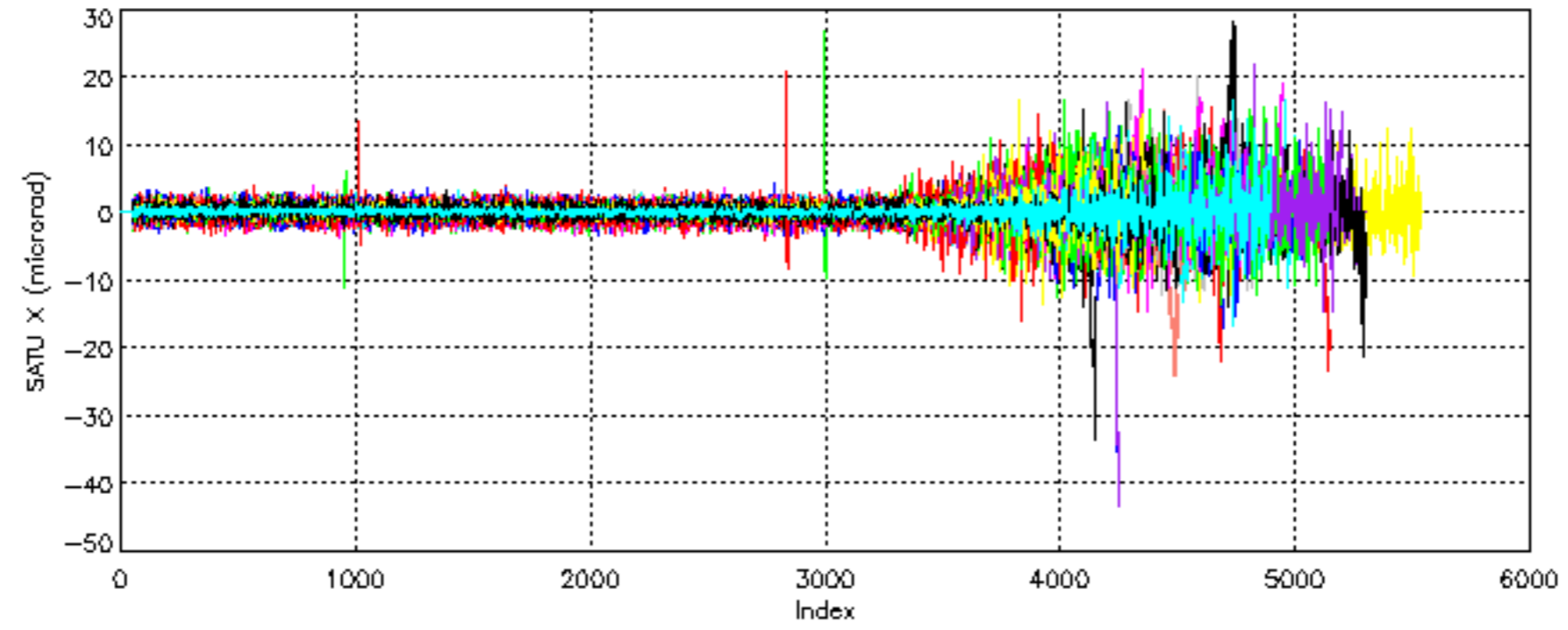


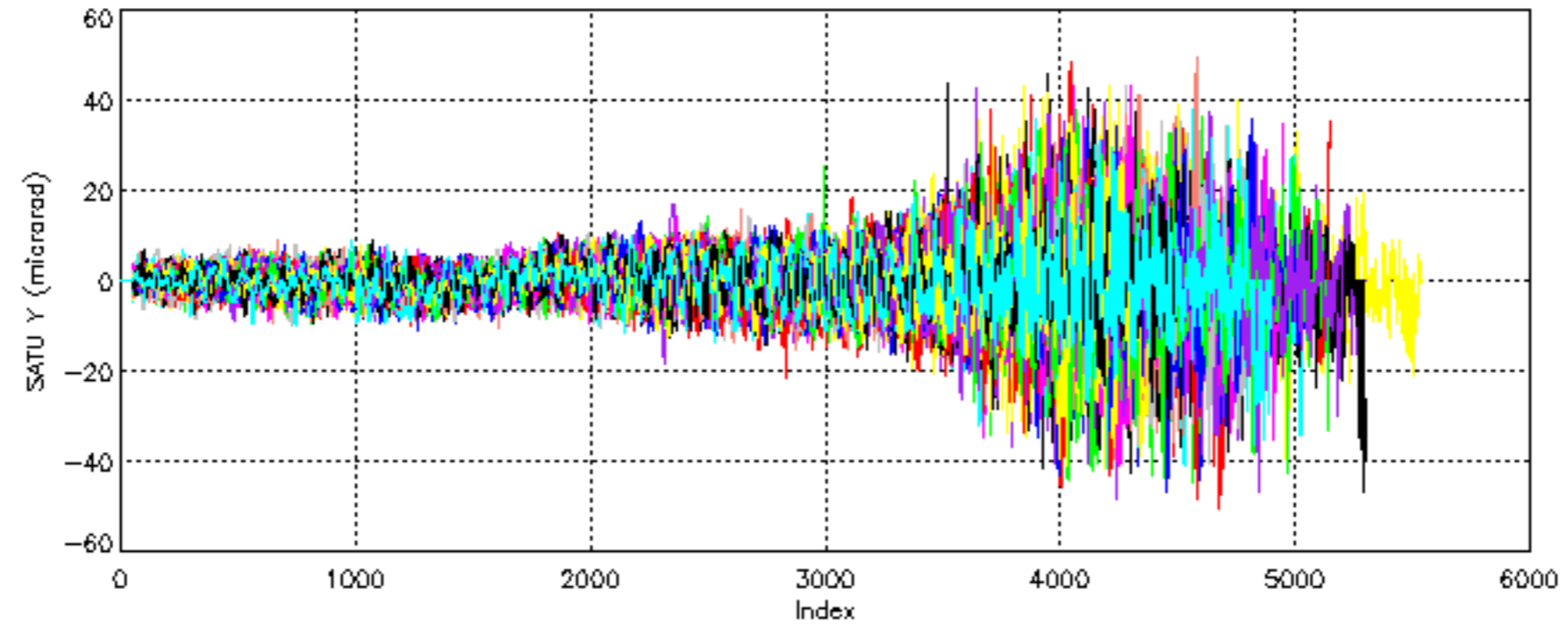
Tangent altitude at which the star is lost

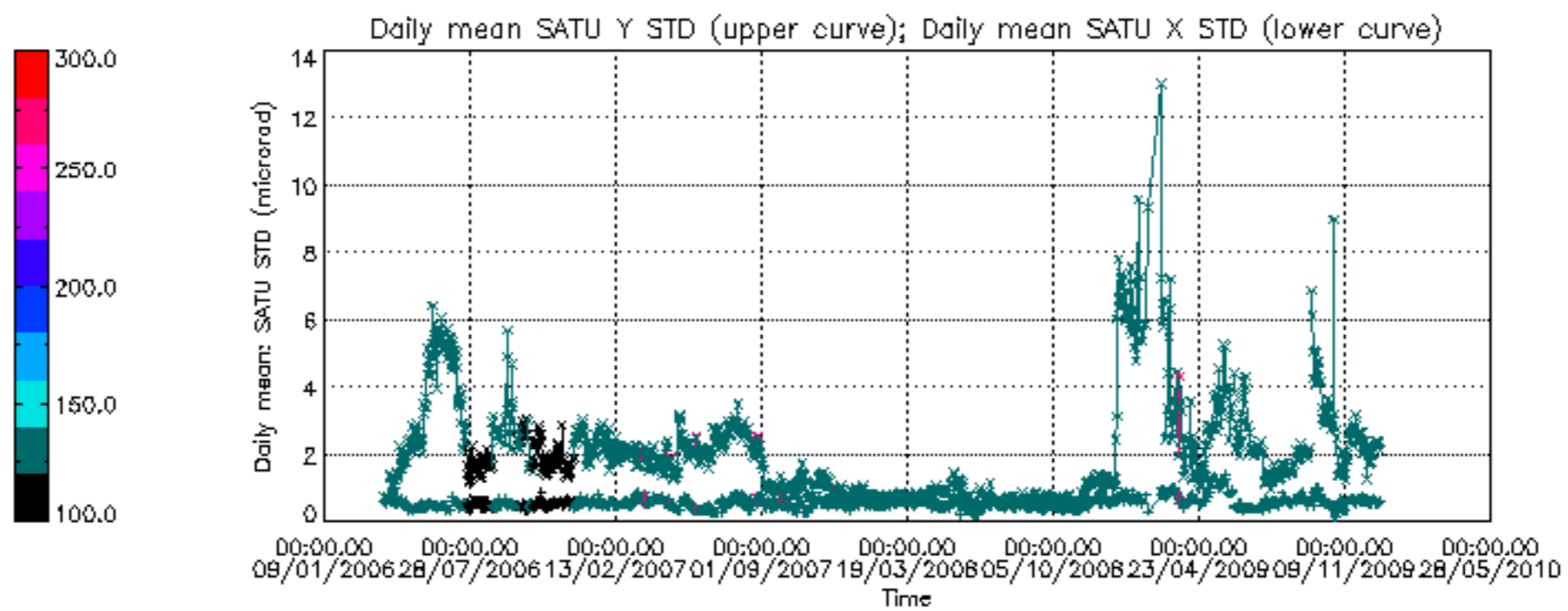


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20091201_013105_000044402084_00403_40537_9039.N1

1; -575.6; 01-DEC-2009 01:31:05; Dark ; 49.5; 100; 4Gam Crv ; 2.58; 13100;occ; 99; 0;40537
 2; -480.0; 01-DEC-2009 01:32:41; Dark ; 48.5; 171; 2Eps Crv ; 3.00; 4250;occ; 97; 0;40537
 3; 88.7; 01-DEC-2009 01:42:10; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;40538
 4; 407.7; 01-DEC-2009 01:47:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40538
 5; 605.8; 01-DEC-2009 01:50:47; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;40538
 6; 711.5; 01-DEC-2009 01:52:32; Dark ; 57.0; 70; Zet Pup ; 2.25; 39000;occ; 114; 0;40538
 7; 919.9; 01-DEC-2009 01:56:01; Dark ; 62.0; 117; Pi Pup ; 2.71; 3800;occ; 124; 0;40538
 8; 1147.6; 01-DEC-2009 01:59:49; Dark ; 69.0; 23; 21Eps CMa ; 1.50; 26000;occ; 138; 0;40538
 9; 1535.7; 01-DEC-2009 02:06:17; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;40538
 10; 1752.0; 01-DEC-2009 02:09:53; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;40538
 11; 1933.1; 01-DEC-2009 02:12:54; Dark ; 62.5; 30; 46Eps Ori ; 1.69; 30000;occ; 125; 0;40538
 12; 2096.1; 01-DEC-2009 02:15:37; Dark ; 66.0; 27; 24Gam Ori ; 1.64; 26000;occ; 132; 0;40538
 13; 2231.9; 01-DEC-2009 02:17:53; Bright; 50.0; 13; 87Alp Tau ; 0.87; 3800;occ; 100; 0;40538
 14; 2328.4; 01-DEC-2009 02:19:29; Bright; 39.0; 146; 25Eta Tau ; 2.87; 15200;occ; 78; 0;40538
 15; 2470.7; 01-DEC-2009 02:21:52; Bright; 39.5; 150; 44Zet Per ; 2.89; 28000;occ; 79; 0;40538
 16; 2616.0; 01-DEC-2009 02:24:17; Bright; 39.5; 149; 45Eps Per ; 2.89; 30000;occ; 79; 0;40538
 17; 2847.4; 01-DEC-2009 02:28:08; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;40538
 18; 2957.0; 01-DEC-2009 02:29:58; Bright; 51.0; 42; 34Bet Aur ; 1.90; 10200;occ; 102; 0;40538
 19; 3821.0; 01-DEC-2009 02:44:22; Bright; 44.0; 36; 50Alp UMa ; 1.80; 6300;occ; 88; 0;40538

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20091201_024439_000052052084_00404_40538_9040.N1

1; -2197.9; 01-DEC-2009 02:44:39; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 34;40538
 2; -2118.8; 01-DEC-2009 02:45:58; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;40538
 3; -2021.4; 01-DEC-2009 02:47:36; Bright; 40.0; 32; 77Eps UMa ; 1.76; 11000;occ; 80; 0;40538
 4; -1848.5; 01-DEC-2009 02:50:28; Bright; 52.0; 174; 52Psi UMa ; 3.00; 4400;occ; 104; 0;40538
 5; -1687.8; 01-DEC-2009 02:53:09; Bright; 37.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 75; 0;40538
 6; -1112.5; 01-DEC-2009 03:02:44; Bright; 55.5; 62; 94Bet Leo ; 2.14; 9700;occ; 111; 0;40538
 7; -915.0; 01-DEC-2009 03:06:02; Bright; 62.0; 121; 29Gam Vir ; 2.74; 7200;occ; 124; 0;40538
 8; -574.6; 01-DEC-2009 03:11:42; Dark ; 43.5; 100; 4Gam Crv ; 2.58; 13100;occ; 87; 0;40538
 9; -479.0; 01-DEC-2009 03:13:18; Dark ; 48.5; 171; 2Eps Crv ; 3.00; 4250;occ; 97; 0;40538
 10; 89.2; 01-DEC-2009 03:22:46; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;40539
 11; 408.5; 01-DEC-2009 03:28:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40539
 12; 607.0; 01-DEC-2009 03:31:24; Dark ; 59.5; 34; Gam2Vel ; 1.79; 23000;occ; 119; 0;40539
 13; 712.6; 01-DEC-2009 03:33:09; Dark ; 54.5; 70; Zet Pup ; 2.25; 39000;occ; 109; 0;40539
 14; 920.7; 01-DEC-2009 03:36:38; Dark ; 60.5; 117; Pi Pup ; 2.71; 3800;occ; 121; 0;40539
 15; 1148.2; 01-DEC-2009 03:40:25; Dark ; 68.0; 23; 21Eps CMa ; 1.50; 26000;occ; 136; 0;40539
 16; 1536.0; 01-DEC-2009 03:46:53; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;40539
 17; 1752.3; 01-DEC-2009 03:50:29; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;40539
 18; 1932.8; 01-DEC-2009 03:53:30; Dark ; 65.5; 30; 46Eps Ori ; 1.69; 30000;occ; 131; 0;40539
 19; 2095.7; 01-DEC-2009 03:56:13; Dark ; 61.0; 27; 24Gam Ori ; 1.64; 26000;occ; 122; 0;40539
 20; 2231.6; 01-DEC-2009 03:58:28; Bright; 53.5; 13; 87Alp Tau ; 0.87; 3800;occ; 107; 0;40539
 21; 2328.6; 01-DEC-2009 04:00:05; Bright; 38.5; 146; 25Eta Tau ; 2.87; 15200;occ; 77; 0;40539
 22; 2470.5; 01-DEC-2009 04:02:27; Bright; 39.0; 150; 44Zet Per ; 2.89; 28000;occ; 78; 0;40539
 23; 2616.1; 01-DEC-2009 04:04:53; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;40539
 24; 2846.8; 01-DEC-2009 04:08:44; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;40539
 25; 2956.1; 01-DEC-2009 04:10:33; Bright; 51.5; 42; 34Bet Aur ; 1.90; 10200;occ; 103; 0;40539

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1; -2215.3; 01-DEC-2009 04:24:58; Bright; 51.0; 36; 50Alp UMa ; 1.80; 6300;occ; 102; 0;40539
 2; -2119.0; 01-DEC-2009 04:26:34; Bright; 47.5; 82; 48Bet UMa ; 2.37; 10600;occ; 95; 0;40539
 3; -2021.3; 01-DEC-2009 04:28:12; Bright; 56.0; 32; 77Eps UMa ; 1.76; 11000;occ; 112; 0;40539
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7; -754.7; 11-DEC-2009 06:15:31; Dark ; 46.5; 15; 67Alp Vir ; 0.98; 28000;occ; 93; 0;40683
8; -546.4; 11-DEC-2009 06:18:59; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40683
9; -434.3; 11-DEC-2009 06:20:51; Dark ; 55.5; 100; 4Gam Crv ; 2.58; 13100;occ; 111; 0;40683
10; -338.0; 11-DEC-2009 06:22:28; Dark ; 53.0; 171; 2Eps Crv ; 3.00; 4250;occ; 106; 0;40683
11; -99.8; 11-DEC-2009 06:26:26; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;40683
12; -6.8; 11-DEC-2009 06:27:59; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40683

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 14; 454.3; 11-DEC-2009 06:35:40; Dark ; 48.0; 71; Iot Car ; 2.25; 7700;occ; 96; 0;40684
 15; 526.8; 11-DEC-2009 06:36:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40684
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 17; 876.8; 11-DEC-2009 06:42:43; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;40684
 18; 1027.2; 11-DEC-2009 06:45:13; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;40684
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 21; 1748.0; 11-DEC-2009 06:57:14; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;40684

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 8; 3762.5; 11-DEC-2009 07:30:48; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;40684
 9; 3995.8; 11-DEC-2009 07:34:42; Bright; 60.0; 32; 77Eps UMa ; 1.76; 11000;occ; 120; 0;40684
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 16; 5603.0; 11-DEC-2009 08:01:29; Dark ; 56.5; 100; 4Gam Crv ; 2.58; 13100;occ; 113; 0;40684
 17; 5699.1; 11-DEC-2009 08:03:05; Dark ; 53.5; 171; 2Eps Crv ; 3.00; 4250;occ; 107; 0;40684
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 19; 6029.7; 11-DEC-2009 08:08:36; Dark ; 39.5; 99; Del Cen ; 2.58; 26000;occ; 79; 0;40684
 20; 6246.4; 11-DEC-2009 08:12:12; Dark ; 54.5; 113; Mu Vel ; 2.69; 5000;occ; 109; 0;40684
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 22; 6563.6; 11-DEC-2009 08:17:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40684
 23; 6763.3; 11-DEC-2009 08:20:49; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40684
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 4; 2197.1; 11-DEC-2009 08:45:19; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40685
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 9; 3995.8; 11-DEC-2009 09:15:18; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40685
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 11; 4331.5; 11-DEC-2009 09:20:53; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;40685
 12; 4710.8; 11-DEC-2009 09:27:13; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40685
 13; 4928.1; 11-DEC-2009 09:30:50; Bright; 67.0; 138; 47Eps Vir ; 2.83; 4700;occ; 134; 0;40685
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 16; 5604.0; 11-DEC-2009 09:42:06; Dark ; 55.0; 100; 4Gam Crv ; 2.58; 13100;occ; 110; 0;40685
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 22; 6564.3; 11-DEC-2009 09:58:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40685
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 27; 7563.8; 11-DEC-2009 10:14:46; Dark ; 34.5; 47; 2Bet CMa ; 1.98; 28000;occ; 69; 0;40685

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3; 1893.9; 11-DEC-2009 10:20:52; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40686
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5; 2196.9; 11-DEC-2009 10:25:55; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;40686
6; 2355.8; 11-DEC-2009 10:28:33; Bright; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;40686
7; 2477.3; 11-DEC-2009 10:30:35; Bright; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;40686
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9; 2766.9; 11-DEC-2009 10:35:25; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;40686
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11; 3995.5; 11-DEC-2009 10:55:53; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;40686
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13; 4331.5; 11-DEC-2009 11:01:29; Bright; 46.5; 180; 27Gam Boo ; 3.04; 8000;occ; 93; 0;40686
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17; 5491.5; 11-DEC-2009 11:20:49; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40686
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21; 6030.9; 11-DEC-2009 11:29:49; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40686
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27; 7065.4; 11-DEC-2009 11:47:03; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40686
28; 7270.1; 11-DEC-2009 11:50:28; Dark ; 56.0; 23; 21Eps CMa ; 1.50; 26000;occ; 112; 0;40686
29; 7563.9; 11-DEC-2009 11:55:22; Dark ; 34.5; 47; 2Bet CMa ; 1.98; 28000;occ; 69; 0;40686

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4; 2040.0; 11-DEC-2009 12:03:54; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;40687
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7; 2476.9; 11-DEC-2009 12:11:10; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40687
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11; 3995.2; 11-DEC-2009 12:36:29; Bright; 38.5; 32; 77Eps UMa ; 1.76; 11000;occ; 77; 0;40687
12; 4140.1; 11-DEC-2009 12:38:54; Bright; 47.5; 39; 85Eta UMa ; 1.85; 24000;occ; 95; 0;40687
13; 4331.7; 11-DEC-2009 12:42:05; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;40687
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15; 4929.1; 11-DEC-2009 12:52:03; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40687
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19; 5702.6; 11-DEC-2009 13:04:56; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;40687
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23; 6492.6; 11-DEC-2009 13:18:06; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40687
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27; 7066.0; 11-DEC-2009 13:27:40; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;40687
28; 7270.8; 11-DEC-2009 13:31:04; Dark ; 53.0; 23; 21Eps CMa ; 1.50; 26000;occ; 106; 0;40687
29; 7564.3; 11-DEC-2009 13:35:58; Dark ; 40.5; 47; 2Bet CMa ; 1.98; 28000;occ; 81; 0;40687

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3; 1893.6; 11-DEC-2009 13:42:03; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;40688
4; 2039.8; 11-DEC-2009 13:44:29; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;40688
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6; 2355.0; 11-DEC-2009 13:49:44; Bright; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;40688
7; 2476.3; 11-DEC-2009 13:51:46; Bright; 45.0; 28; 12Bet Tau ; 1.65; 15200;occ; 90; 0;40688
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13; 4332.0; 11-DEC-2009 14:22:41; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;40688
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16; 5230.2; 11-DEC-2009 14:37:40; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;40688
17; 5492.8; 11-DEC-2009 14:42:02; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;40688
18; 5607.5; 11-DEC-2009 14:43:57; Dark ; 50.5; 100; 4Gam Crv ; 2.58; 13100;occ; 101; 0;40688
19; 5703.8; 11-DEC-2009 14:45:33; Dark ; 58.5; 171; 2Eps Crv ; 3.00; 4250;occ; 117; 0;40688
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22; 6249.9; 11-DEC-2009 14:54:39; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;40688
23; 6493.4; 11-DEC-2009 14:58:43; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40688
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27; 7066.6; 11-DEC-2009 15:08:16; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;40688
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 25; 6578.5; 12-DEC-2009 16:09:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40703
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 28; 7076.1; 12-DEC-2009 16:17:25; Dark ; 53.5; 117; Pi Pup ; 2.71; 3800;occ; 107; 0;40703
 29; 7278.4; 12-DEC-2009 16:20:47; Dark ; 41.0; 23; 21Eps CMA ; 1.50; 26000;occ; 82; 0;40703

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 14; 4140.1; 12-DEC-2009 17:09:05; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;40704
 15; 4333.6; 12-DEC-2009 17:12:18; Bright; 33.5; 180; 27Gam Boo ; 3.04; 8000;occ; 67; 0;40704
 16; 4716.6; 12-DEC-2009 17:18:41; Bright; 39.0; 111; 8Eta Boo ; 2.68; 6000;occ; 78; 0;40704
 17; 4939.2; 12-DEC-2009 17:22:24; Bright; 49.5; 138; 47Eps Vir ; 2.83; 4700;occ; 99; 0;40704
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 21; 5722.4; 12-DEC-2009 17:35:27; Dark ; 58.0; 171; 2Eps Crv ; 3.00; 4250;occ; 116; 0;40704
 22; 5948.4; 12-DEC-2009 17:39:13; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;40704
 23; 6042.9; 12-DEC-2009 17:40:47; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40704
 24; 6263.9; 12-DEC-2009 17:44:28; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;40704
 25; 6503.7; 12-DEC-2009 17:48:28; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40704
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 27; 6778.7; 12-DEC-2009 17:53:03; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;40704
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 29; 7076.7; 12-DEC-2009 17:58:01; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;40704

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 2; 1530.6; 12-DEC-2009 18:06:11; Dark ; 56.0; 47; 2Bet CMa ; 1.98; 28000;occ; 112; 0;40705
 3; 1748.4; 12-DEC-2009 18:09:49; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;40705
 4; 1891.0; 12-DEC-2009 18:12:12; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40705
 5; 2035.7; 12-DEC-2009 18:14:36; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;40705
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 9; 2589.8; 12-DEC-2009 18:23:50; Bright; 36.0; 149; 45Eps Per ; 2.89; 30000;occ; 72; 0;40705
 10; 2696.0; 12-DEC-2009 18:25:37; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;40705
 11; 2823.6; 12-DEC-2009 18:27:44; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;40705
 12; 3752.6; 12-DEC-2009 18:43:13; Bright; 44.0; 36; 50Alp UMa ; 1.80; 6300;occ; 88; 0;40705
 13; 3992.3; 12-DEC-2009 18:47:13; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40705
 14; 4139.7; 12-DEC-2009 18:49:40; Bright; 39.0; 39; 85Eta UMa ; 1.85; 24000;occ; 78; 0;40705
 15; 4333.6; 12-DEC-2009 18:52:54; Bright; 41.5; 180; 27Gam Boo ; 3.04; 8000;occ; 83; 0;40705
 16; 4716.5; 12-DEC-2009 18:59:17; Bright; 39.0; 111; 8Eta Boo ; 2.68; 6000;occ; 78; 0;40705
 17; 4939.5; 12-DEC-2009 19:03:00; Bright; 55.0; 138; 47Eps Vir ; 2.83; 4700;occ; 110; 0;40705
 18; 5295.1; 12-DEC-2009 19:08:56; Dark ; 51.0; 15; 67Alp Vir ; 0.98; 28000;occ; 102; 0;40705
 19; 5504.1; 12-DEC-2009 19:12:25; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40705
 20; 5627.9; 12-DEC-2009 19:14:28; Dark ; 52.5; 100; 4Gam Crv ; 2.58; 13100;occ; 105; 0;40705
 21; 5723.8; 12-DEC-2009 19:16:04; Dark ; 55.0; 171; 2Eps Crv ; 3.00; 4250;occ; 110; 0;40705
 22; 5948.9; 12-DEC-2009 19:19:49; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;40705
 23; 6043.6; 12-DEC-2009 19:21:24; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40705
 24; 6264.7; 12-DEC-2009 19:25:05; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;40705
 25; 6504.3; 12-DEC-2009 19:29:05; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40705
 26; 6580.0; 12-DEC-2009 19:30:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40705
 27; 6779.3; 12-DEC-2009 19:33:40; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;40705
 28; 6921.9; 12-DEC-2009 19:36:03; Dark ; 29.0; 2; Alp Car ; -0.74; 7000;occ; 58; 0;40705

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 3; 1243.2; 12-DEC-2009 19:42:00; Dark ; 57.0; 23; 21Eps CMa ; 1.50; 26000;occ; 114; 0;40706
 4; 1530.7; 12-DEC-2009 19:46:47; Dark ; 55.0; 47; 2Bet CMa ; 1.98; 28000;occ; 110; 0;40706
 5; 1748.3; 12-DEC-2009 19:50:25; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;40706
 6; 1890.9; 12-DEC-2009 19:52:47; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;40706
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 9; 2345.5; 12-DEC-2009 20:00:22; Bright; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;40706
 10; 2467.6; 12-DEC-2009 20:02:24; Bright; 45.0; 28; 12Bet Tau ; 1.65; 15200;occ; 90; 0;40706
 11; 2589.7; 12-DEC-2009 20:04:26; Bright; 36.0; 149; 45Eps Per ; 2.89; 30000;occ; 72; 0;40706
 12; 2695.2; 12-DEC-2009 20:06:12; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;40706
 13; 2822.9; 12-DEC-2009 20:08:19; Bright; 46.5; 42; 34Bet Aur ; 1.90; 10200;occ; 93; 0;40706
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 15; 3992.0; 12-DEC-2009 20:27:49; Bright; 40.0; 32; 77Eps UMa ; 1.76; 11000;occ; 80; 0;40706
 16; 4139.9; 12-DEC-2009 20:30:16; Bright; 41.5; 39; 85Eta UMa ; 1.85; 24000;occ; 83; 0;40706
 17; 4333.5; 12-DEC-2009 20:33:30; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40706
 18; 4716.6; 12-DEC-2009 20:39:53; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;40706
 19; 4940.2; 12-DEC-2009 20:43:37; Bright; 53.5; 138; 47Eps Vir ; 2.83; 4700;occ; 107; 0;40706

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9; 544.8; 12-DEC-2009 21:10:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40707
10; 744.0; 12-DEC-2009 21:14:16; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;40707
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12; 1041.6; 12-DEC-2009 21:19:14; Dark ; 55.5; 117; Pi Pup ; 2.71; 3800;occ; 111; 0;40707
13; 1243.7; 12-DEC-2009 21:22:36; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;40707
14; 1530.8; 12-DEC-2009 21:27:23; Dark ; 54.0; 47; 2Bet CMA ; 1.98; 28000;occ; 108; 0;40707
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22; 2694.5; 12-DEC-2009 21:46:47; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;40707
23; 2822.1; 12-DEC-2009 21:48:55; Bright; 66.0; 42; 34Bet Aur ; 1.90; 10200;occ; 132; 0;40707
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26; 4139.7; 12-DEC-2009 22:10:52; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;40707
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28; 4716.9; 12-DEC-2009 22:20:29; Bright; 39.0; 111; 8Eta Boo ; 2.68; 6000;occ; 78; 0;40707
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9; 545.6; 12-DEC-2009 22:51:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40708
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27; 4334.0; 12-DEC-2009 23:54:42; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;40708
28; 4717.3; 13-DEC-2009 00:01:06; Bright; 38.5; 111; 8Eta Boo ; 2.68; 6000;occ; 77; 0;40708
29; 4941.2; 13-DEC-2009 00:04:50; Bright; 70.0; 138; 47Eps Vir ; 2.83; 4700;occ; 140; 0;40708
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 13; 4531.6; 16-DEC-2009 08:26:45; Bright; 54.0; 83; ; 2.38; 11000;occ; 108; 0;40756
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 15; 4972.0; 16-DEC-2009 08:34:06; Bright; 48.0; 138; 47Eps Vir ; 2.83; 4700;occ; 96; 0;40756
 16; 5330.3; 16-DEC-2009 08:40:04; Dark ; 48.5; 15; 67Alp Vir ; 0.98; 28000;occ; 97; 0;40756
 17; 5540.4; 16-DEC-2009 08:43:34; Dark ; 47.5; 169; 46Gam Hya ; 2.99; 4700;occ; 95; 0;40756
 18; 5691.9; 16-DEC-2009 08:46:05; Dark ; 51.0; 106; 9Bet Crv ; 2.65; 5600;occ; 102; 0;40756
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 25; 6816.4; 16-DEC-2009 09:04:50; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;40756
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 28; 7251.6; 16-DEC-2009 09:12:05; Dark ; 26.0; 88; 31Eta CMa ; 2.45; 20000;occ; 52; 0;40756
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 23; 6828.1; 17-DEC-2009 13:35:13; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;40773
 24; 6956.9; 17-DEC-2009 13:37:21; Dark ; 48.5; 70; Zet Pup ; 2.25; 39000;occ; 97; 0;40773
 25; 7116.2; 17-DEC-2009 13:40:01; Dark ; 55.5; 117; Pi Pup ; 2.71; 3800;occ; 111; 0;40773
 26; 7308.5; 17-DEC-2009 13:43:13; Dark ; 53.5; 23; 21Eps CMa ; 1.50; 26000;occ; 107; 0;40773
 27; 7414.8; 17-DEC-2009 13:44:59; Dark ; 49.5; 179; 240mi2CMa ; 3.03; 24000;occ; 99; 0;40773

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 7; 2440.1; 17-DEC-2009 14:02:40; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;40774
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 13; 4340.1; 17-DEC-2009 14:34:20; Bright; 55.0; 180; 27Gam Boo ; 3.04; 8000;occ; 110; 0;40774
 14; 4535.1; 17-DEC-2009 14:37:35; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;40774
 15; 4738.0; 17-DEC-2009 14:40:58; Bright; 42.0; 111; 8Eta Boo ; 2.68; 6000;occ; 84; 0;40774
 16; 5343.8; 17-DEC-2009 14:51:04; Dark ; 54.5; 15; 67Alp Vir ; 0.98; 28000;occ; 109; 0;40774
 17; 5554.5; 17-DEC-2009 14:54:35; Dark ; 47.0; 169; 46Gam Hya ; 2.99; 4700;occ; 94; 0;40774
 18; 5711.8; 17-DEC-2009 14:57:12; Dark ; 51.5; 106; 9Bet Crv ; 2.65; 5600;occ; 103; 0;40774
 19; 5991.4; 17-DEC-2009 15:01:52; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40774
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 21; 6326.1; 17-DEC-2009 15:07:26; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;40774

22; 6547.2; 17-DEC-2009 15:11:07; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40774
 23; 6632.0; 17-DEC-2009 15:12:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40774
 24; 6828.8; 17-DEC-2009 15:15:49; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;40774
 25; 6957.5; 17-DEC-2009 15:17:58; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 0;40774
 26; 7116.7; 17-DEC-2009 15:20:37; Dark ; 52.0; 117; Pi Pup ; 2.71; 3800;occ; 104; 0;40774
 27; 7309.0; 17-DEC-2009 15:23:49; Dark ; 52.0; 23; 21Eps CMA ; 1.50; 26000;occ; 104; 0;40774
 28; 7415.0; 17-DEC-2009 15:25:35; Dark ; 10.5; 179; 240mi2CMA ; 3.03; 24000;occ; 21; 0;40774

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 3; 1751.0; 17-DEC-2009 15:31:47; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;40775
 4; 1883.1; 17-DEC-2009 15:33:59; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;40775
 5; 2067.4; 17-DEC-2009 15:37:04; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;40775
 6; 2189.1; 17-DEC-2009 15:39:05; Dark ; 52.5; 13; 87Alp Tau ; 0.87; 3800;occ; 105; 0;40775
 7; 2316.0; 17-DEC-2009 15:41:12; Bright; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;40775
 8; 2439.5; 17-DEC-2009 15:43:16; Bright; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;40775
 9; 2651.0; 17-DEC-2009 15:46:47; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;40775
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 11; 3704.2; 17-DEC-2009 16:04:20; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;40775
 12; 3977.4; 17-DEC-2009 16:08:54; Bright; 62.0; 32; 77Eps UMa ; 1.76; 11000;occ; 124; 0;40775
 13; 4136.1; 17-DEC-2009 16:11:32; Bright; 41.5; 39; 85Eta UMa ; 1.85; 24000;occ; 83; 0;40775
 14; 4340.5; 17-DEC-2009 16:14:57; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40775
 15; 4535.1; 17-DEC-2009 16:18:11; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;40775
 16; 4738.2; 17-DEC-2009 16:21:34; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;40775
 17; 5344.7; 17-DEC-2009 16:31:41; Dark ; 54.5; 15; 67Alp Vir ; 0.98; 28000;occ; 109; 0;40775
 18; 5555.2; 17-DEC-2009 16:35:11; Dark ; 48.5; 169; 46Gam Hya ; 2.99; 4700;occ; 97; 0;40775
 19; 5712.9; 17-DEC-2009 16:37:49; Dark ; 58.0; 106; 9Bet Crv ; 2.65; 5600;occ; 116; 0;40775
 20; 5992.1; 17-DEC-2009 16:42:28; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;40775
 21; 6091.6; 17-DEC-2009 16:44:08; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;40775
 22; 6327.1; 17-DEC-2009 16:48:03; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;40775
 23; 6547.7; 17-DEC-2009 16:51:44; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;40775
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 26; 6958.2; 17-DEC-2009 16:58:34; Dark ; 53.5; 70; Zet Pup ; 2.25; 39000;occ; 107; 0;40775
 27; 7117.5; 17-DEC-2009 17:01:14; Dark ; 50.5; 117; Pi Pup ; 2.71; 3800;occ; 101; 0;40775

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 3; 1557.5; 17-DEC-2009 17:09:10; Dark ; 27.0; 1; 9Alp CMA ; -1.44; 11000;occ; 54; 0;40776
 4; 1751.1; 17-DEC-2009 17:12:23; Dark ; 46.5; 7; 19Bet Ori ; 0.10; 14000;occ; 93; 0;40776
 5; 1882.9; 17-DEC-2009 17:14:35; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;40776
 6; 2067.1; 17-DEC-2009 17:17:39; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;40776
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 8; 2315.8; 17-DEC-2009 17:21:48; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;40776
 9; 2439.2; 17-DEC-2009 17:23:51; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;40776
 10; 2650.2; 17-DEC-2009 17:27:22; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;40776
 11; 2781.4; 17-DEC-2009 17:29:34; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;40776
 12; 3704.1; 17-DEC-2009 17:44:56; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;40776
 13; 3977.1; 17-DEC-2009 17:49:29; Bright; 56.0; 32; 77Eps UMa ; 1.76; 11000;occ; 112; 0;40776
 14; 4136.2; 17-DEC-2009 17:52:08; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;40776
 15; 4340.5; 17-DEC-2009 17:55:33; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;40776
 16; 4535.5; 17-DEC-2009 17:58:48; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;40776
 17; 4738.4; 17-DEC-2009 18:02:11; Bright; 41.5; 111; 8Eta Boo ; 2.68; 6000;occ; 83; 0;40776
 18; 5345.4; 17-DEC-2009 18:12:18; Dark ; 52.5; 15; 67Alp Vir ; 0.98; 28000;occ; 105; 0;40776
 19; 5556.2; 17-DEC-2009 18:15:48; Dark ; 46.5; 169; 46Gam Hya ; 2.99; 4700;occ; 93; 0;40776
 20; 5714.2; 17-DEC-2009 18:18:26; Dark ; 51.5; 106; 9Bet Crv ; 2.65; 5600;occ; 103; 0;40776
 21; 5992.9; 17-DEC-2009 18:23:05; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40776
 22; 6092.2; 17-DEC-2009 18:24:44; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;40776
 23; 6327.9; 17-DEC-2009 18:28:40; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;40776
 24; 6548.4; 17-DEC-2009 18:32:21; Dark ; 44.0; 71; Iot Car ; 2.25; 7700;occ; 88; 0;40776
 25; 6633.5; 17-DEC-2009 18:33:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40776
 26; 6830.3; 17-DEC-2009 18:37:03; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;40776
 27; 6959.2; 17-DEC-2009 18:39:11; Dark ; 50.5; 70; Zet Pup ; 2.25; 39000;occ; 101; 0;40776

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 4; 1557.8; 17-DEC-2009 18:49:46; Dark ; 27.0; 1; 9Alp CMA ; -1.44; 11000;occ; 54; 0;40777

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6; 1883.0; 17-DEC-2009 18:55:11; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;40777
7; 2066.6; 17-DEC-2009 18:58:15; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;40777
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9; 2315.1; 17-DEC-2009 19:02:23; Bright; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;40777
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12; 2780.9; 17-DEC-2009 19:10:09; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;40777
13; 3704.1; 17-DEC-2009 19:25:32; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40777
14; 3977.1; 17-DEC-2009 19:30:05; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40777
15; 4136.1; 17-DEC-2009 19:32:44; Bright; 58.0; 39; 85Eta UMa ; 1.85; 24000;occ; 116; 0;40777
16; 4340.3; 17-DEC-2009 19:36:09; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;40777
17; 4535.6; 17-DEC-2009 19:39:24; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;40777
18; 4738.7; 17-DEC-2009 19:42:47; Bright; 42.0; 111; 8Eta Boo ; 2.68; 6000;occ; 84; 0;40777
19; 5346.1; 17-DEC-2009 19:52:54; Dark ; 52.5; 15; 67Alp Vir ; 0.98; 28000;occ; 105; 0;40777
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21; 5715.4; 17-DEC-2009 19:59:04; Dark ; 55.0; 106; 9Bet Crv ; 2.65; 5600;occ; 110; 0;40777
22; 5993.2; 17-DEC-2009 20:03:41; Dark ; 50.5; 64; Gam Cen ; 2.20; 10600;occ; 101; 0;40777
23; 6092.8; 17-DEC-2009 20:05:21; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;40777
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26; 6634.2; 17-DEC-2009 20:14:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40777
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5; 514.6; 18-DEC-2009 01:14:46; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;40781
6; 600.5; 18-DEC-2009 01:16:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40781
7; 797.0; 18-DEC-2009 01:19:29; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;40781
8; 926.0; 18-DEC-2009 01:21:38; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 0;40781
9; 1084.0; 18-DEC-2009 01:24:16; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;40781
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13; 1751.1; 18-DEC-2009 01:35:23; Dark ; 48.0; 7; 19Bet Ori ; 0.10; 14000;occ; 96; 0;40781
14; 1882.5; 18-DEC-2009 01:37:34; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;40781
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16; 2188.7; 18-DEC-2009 01:42:41; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;40781
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21; 3704.1; 18-DEC-2009 02:07:56; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;40781
22; 3975.9; 18-DEC-2009 02:12:28; Bright; 62.0; 32; 77Eps UMa ; 1.76; 11000;occ; 124; 0;40781
23; 4135.7; 18-DEC-2009 02:15:08; Bright; 16.5; 39; 85Eta UMa ; 1.85; 24000;occ; 33; 0;40781

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4; -1296.1; 18-DEC-2009 02:25:12; Bright; 40.5; 111; 8Eta Boo ; 2.68; 6000;occ; 81; 0;40781
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9; 59.8; 18-DEC-2009 02:47:48; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40782
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24; 2437.0; 18-DEC-2009 03:27:25; Bright; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;40782
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27; 7313.3; 18-DEC-2009 09:50:29; Dark ; 54.0; 23; 21Eps CMa ; 1.50; 26000;occ; 108; 0;40785
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 27; 7418.8; 18-DEC-2009 11:32:50; Dark ; 53.5; 179; 240mi2CMA ; 3.03; 24000;occ; 107; 0;40786
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 23; 4127.5; 24-DEC-2009 00:45:54; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;40866
 24; 4347.4; 24-DEC-2009 00:49:34; Bright; 58.0; 180; 27Gam Boo ; 3.04; 8000;occ; 116; 0;40866
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13; 4767.3; 23-DEC-2009 08:10:34; Bright; 66.0; 111; 8Eta Boo ; 2.68; 6000;occ; 132; 0;40856
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15; 4128.0; 23-DEC-2009 18:03:31; Bright; 42.5; 39; 85Eta UMa ; 1.85; 24000;occ; 85; 0;40862
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 19; 4770.0; 23-DEC-2009 19:54:49; Bright; 66.0; 111; 8Eta Boo ; 2.68; 6000;occ; 132; 0;40863
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 22; 5823.8; 23-DEC-2009 20:12:23; Dark ; 30.0; 106; 9Bet Crv ; 2.65; 5600;occ; 60; 0;40863
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 24; 6140.3; 23-DEC-2009 20:17:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40863
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9; 107.9; 24-DEC-2009 03:00:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40868
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25; 2709.1; 24-DEC-2009 03:43:27; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40868

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16;	4559.1;	26-DEC-2009	18:16:27;	Bright;		40.0;	83;		;	2.38;	11000;	occ;	80;	0;	40905
17;	4788.1;	26-DEC-2009	18:20:16;	Bright;		70.0;	111;	8Eta Boo	;	2.68;	6000;	occ;	140;	0;	40905
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20;	5716.7;	26-DEC-2009	18:35:45;	Dark	;	45.0;	54;	5The Cen	;	2.06;	4500;	occ;	90;	0;	40905
21;	5843.1;	26-DEC-2009	18:37:51;	Dark	;	42.5;	123;	Iot Cen	;	2.75;	10200;	occ;	85;	0;	40905
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23;	6177.5;	26-DEC-2009	18:43:25;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	40905
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25;	6624.8;	26-DEC-2009	18:50:53;	Dark	;	47.0;	71;	Iot Car	;	2.25;	7700;	occ;	94;	0;	40905
26;	6726.9;	26-DEC-2009	18:52:35;	Dark	;	52.5;	41;	Eps Car	;	1.86;	4100;	occ;	105;	0;	40905
27;	6911.5;	26-DEC-2009	18:55:39;	Dark	;	47.0;	34;	Gam2Vel	;	1.79;	23000;	occ;	94;	0;	40905
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6;	1724.9;	26-DEC-2009	19:09:49;	Dark	;	45.0;	56;	53Kap Ori	;	2.07;	30000;	occ;	90;	0;	40906
7;	1878.8;	26-DEC-2009	19:12:23;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	89;	0;	40906
8;	2039.8;	26-DEC-2009	19:15:04;	Dark	;	51.5;	14;	58Alp Ori	;	0.87;	3000;	occ;	103;	0;	40906
9;	2259.7;	26-DEC-2009	19:18:44;	Dark	;	63.0;	44;	24Gam Gem	;	1.93;	11000;	occ;	126;	0;	40906
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11;	2590.0;	26-DEC-2009	19:24:14;	Bright;		40.0;	107;	37The Aur	;	2.65;	11000;	occ;	80;	0;	40906
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13;	3643.7;	26-DEC-2009	19:41:48;	Bright;		46.0;	36;	50Alp UMa	;	1.80;	6300;	occ;	92;	0;	40906
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17;	4559.5;	26-DEC-2009	19:57:03;	Bright;		39.0;	83;		;	2.38;	11000;	occ;	78;	0;	40906
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24;	6178.3;	26-DEC-2009	20:24:02;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	40906
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