

GOMOS Daily Report 09-DEC-2004

Level 0 and Level 1 products

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1. General Info

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	10DEC2004 08:27:37

Data source version	GOMOS/4.02
Start time of products	09-12-2004 (09DEC2004 00:00:00)
Stop time of products	10-12-2004 (10DEC2004 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	148
Nb of prods with errors	1

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

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

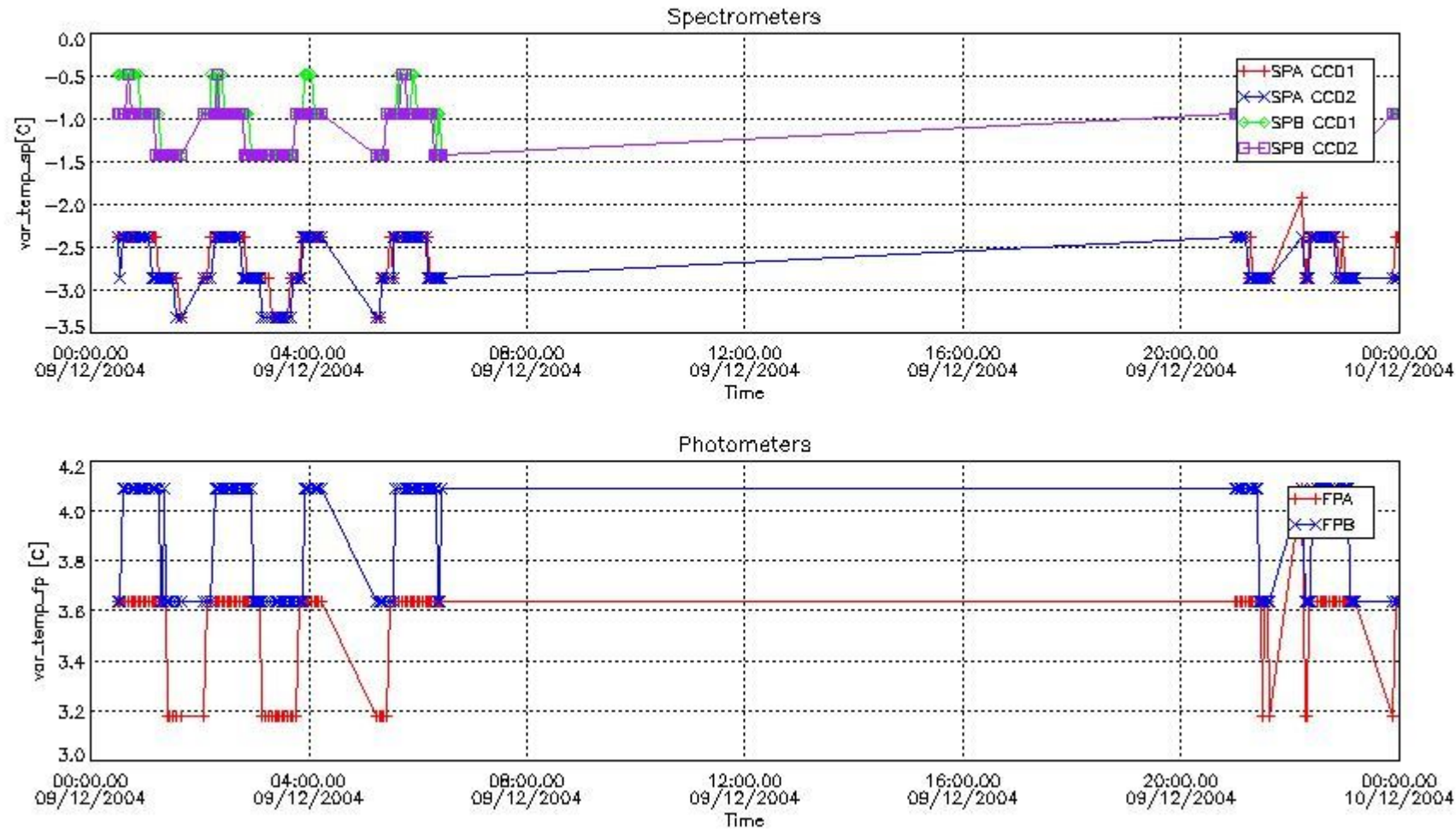
2.2 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20041209_003025_000000512032_00431_14513_0000.N1	09-DEC-2004 00:30:25	Twilight	51.000	54	5The Cen	2.0550	4500.0	102	14513	No
2	GOM_TRA_1PNPDE20041209_003140_000000432032_00431_14513_0001.N1	09-DEC-2004 00:31:40	Twilight	42.500	123	lot Cen	2.7500	10200.	85	14513	No
3	GOM_TRA_1PNPDE20041209_003635_000000412032_00431_14513_0002.N1	09-DEC-2004 00:36:35	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	14513	No
4	GOM_TRA_1PNPDE20041209_003751_000000442032_00432_14514_0003.N1	09-DEC-2004 00:37:51	Dark	44.000	20	Bet Cru	1.2530	30000.	88	14514	No
5	GOM_TRA_1PNPDE20041209_004046_000000472032_00432_14514_0004.N1	09-DEC-2004 00:40:46	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	14514	No
6	GOM_TRA_1PNPDE20041209_004442_000000412032_00432_14514_0005.N1	09-DEC-2004 00:44:42	Dark	40.500	29	Bet Car	1.6720	10200.	81	14514	No
7	GOM_TRA_1PNPDE20041209_004659_000000482032_00432_14514_0006.N1	09-DEC-2004 00:46:59	Dark	47.500	41	Eps Car	1.8600	4100.0	95	14514	No
8	GOM_TRA_1PNPDE20041209_004924_000000562032_00432_14514_0007.N1	09-DEC-2004 00:49:24	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	14514	No
9	GOM_TRA_1PNPDE20041209_005206_000000562032_00432_14514_0008.N1	09-DEC-2004 00:52:06	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	14514	No
10	GOM_TRA_1PNPDE20041209_005429_000000642032_00432_14514_0009.N1	09-DEC-2004 00:54:29	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	14514	No
11	GOM_TRA_1PNPDE20041209_005802_000000602032_00432_14514_0010.N1	09-DEC-2004 00:58:02	Dark	60.000	23	21Eps CMa	1.5020	26000.	120	14514	No
12	GOM_TRA_1PNPDE20041209_005957_000000632032_00432_14514_0011.N1	09-DEC-2004 00:59:57	Dark	62.500	179	24Omi2CMa	3.0320	24000.	125	14514	No
13	GOM_TRA_1PNPDE20041209_010327_000000712032_00432_14514_0012.N1	09-DEC-2004 01:03:27	Twilight	70.500	1	9Alp CMa	-1.4400	11000.	141	14514	No
14	GOM_TRA_1PNPDE20041209_010649_000000542032_00432_14514_0013.N1	09-DEC-2004 01:06:49	Bright	54.000	7	19Bet Ori	0.10000	14000.	108	14514	No
15	GOM_TRA_1PNPDE20041209_010919_000000582032_00432_14514_0014.N1	09-DEC-2004 01:09:19	Bright	57.500	30	46Eps Ori	1.6940	30000.	115	14514	No
16	GOM_TRA_1PNPDE20041209_011148_000000572032_00432_14514_0015.N1	09-DEC-2004 01:11:48	Bright	56.500	27	24Gam Ori	1.6360	26000.	113	14514	No
17	GOM_TRA_1PNPDE20041209_011423_000000572032_00432_14514_0016.N1	09-DEC-2004 01:14:23	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	14514	No
18	GOM_TRA_1PNPDE20041209_011620_000000402032_00432_14514_0017.N1	09-DEC-2004 01:16:20	Bright	40.000	146	25Eta Tau	2.8730	15200.	80	14514	No
19	GOM_TRA_1PNPDE20041209_011833_000000422032_00432_14514_0018.N1	09-DEC-2004 01:18:33	Bright	42.000	150	44Zet Per	2.8900	28000.	84	14514	No
20	GOM_TRA_1PNPDE20041209_012013_000000382032_00432_14514_0019.N1	09-DEC-2004 01:20:13	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	14514	No
21	GOM_TRA_1PNPDE20041209_012215_000000392032_00432_14514_0020.N1	09-DEC-2004 01:22:15	Bright	38.500	73	57Gam1And	2.2600	13100.	77	14514	No
22	GOM_TRA_1PNPDE20041209_012334_000000422032_00432_14514_0021.N1	09-DEC-2004 01:23:34	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	14514	No
23	GOM_TRA_1PNPDE20041209_012520_000000452032_00432_14514_0022.N1	09-DEC-2004 01:25:20	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	14514	No
24	GOM_TRA_1PNPDE20041209_012728_000000392032_00432_14514_0023.N1	09-DEC-2004 01:27:28	Bright	38.500	110	37Del Cas	2.6780	8900.0	77	14514	No
25	GOM_TRA_1PNPDE20041209_013048_000001002032_00432_14514_0024.N1	09-DEC-2004 01:30:48	Bright	99.500	24	66Alp Gem	1.5800	10200.	199	14514	No
26	GOM_TRA_1PNPDE20041209_013443_000000402032_00432_14514_0025.N1	09-DEC-2004 01:34:43	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	14514	No
27	GOM_TRA_1PNPDE20041209_013927_000000402032_00432_14514_0026.N1	09-DEC-2004 01:39:27	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	14514	No
28	GOM_TRA_1PNPDE20041209_020425_000000552032_00432_14514_0000.N1	09-DEC-2004 02:04:25	Twilight	55.000	121	29Gam Vir	2.7400	7200.0	110	14514	No
29	GOM_TRA_1PNPDE20041209_020854_000000512032_00432_14514_0001.N1	09-DEC-2004 02:08:54	Twilight	50.500	169	46Gam Hya	2.9910	4700.0	101	14514	No
30	GOM_TRA_1PNPDE20041209_021102_000000442032_00432_14514_0002.N1	09-DEC-2004 02:11:02	Twilight	43.500	54	5The Cen	2.0550	4500.0	87	14514	No
31	GOM_TRA_1PNPDE20041209_021216_000000442032_00432_14514_0003.N1	09-DEC-2004 02:12:16	Twilight	43.500	123	lot Cen	2.7500	10200.	87	14514	No
32	GOM_TRA_1PNPDE20041209_021711_000000482032_00432_14514_0004.N1	09-DEC-2004 02:17:11	Dark	47.500	4	Alp1Cen	-0.010000	5800.0	95	14514	No
33	GOM_TRA_1PNPDE20041209_021830_000000422032_00433_14515_0005.N1	09-DEC-2004 02:18:30	Dark	41.500	20	Bet Cru	1.2530	30000.	83	14515	No
34	GOM_TRA_1PNPDE20041209_022122_000000502032_00433_14515_0006.N1	09-DEC-2004 02:21:22	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	14515	No
35	GOM_TRA_1PNPDE20041209_022518_000000422032_00433_14515_0007.N1	09-DEC-2004 02:25:18	Dark	42.000	29	Bet Car	1.6720	10200.	84	14515	No
36	GOM_TRA_1PNPDE20041209_022727_000000652032_00433_14515_0008.N1	09-DEC-2004 02:27:27	Dark	64.500	65	Lam Vel	2.2040	4400.0	129	14515	No
37	GOM_TRA_1PNPDE20041209_023001_000000562032_00433_14515_0009.N1	09-DEC-2004 02:30:01	Dark	55.500	34	Gam2Vel	1.7930	23000.	111	14515	No
38	GOM_TRA_1PNPDE20041209_023240_000000492032_00433_14515_0010.N1	09-DEC-2004 02:32:40	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	14515	No
39	GOM_TRA_1PNPDE20041209_023505_000000602032_00433_14515_0011.N1	09-DEC-2004 02:35:05	Dark	60.000	117	Pi Pup	2.7060	3800.0	120	14515	No
40	GOM_TRA_1PNPDE20041209_023837_000000652032_00433_14515_0012.N1	09-DEC-2004 02:38:37	Dark	64.500	23	21Eps CMa	1.5020	26000.	129	14515	No
41	GOM_TRA_1PNPDE20041209_024034_000000622032_00433_14515_0013.N1	09-DEC-2004 02:40:34	Dark	61.500	179	24Omi2CMa	3.0320	24000.	123	14515	No
42	GOM_TRA_1PNPDE20041209_024403_000000772032_00433_14515_0014.N1	09-DEC-2004 02:44:03	Twilight	77.000	1	9Alp CMa	-1.4400	11000.	154	14515	No
43	GOM_TRA_1PNPDE20041209_024724_000000572032_00433_14515_0015.N1	09-DEC-2004 02:47:24	Bright	56.500	7	19Bet Ori	0.10000	14000.	113	14515	No
44	GOM_TRA_1PNPDE20041209_024945_000000582032_00433_14515_0016.N1	09-DEC-2004 02:49:45	Bright	57.500	33	50Zet Ori	1.7660	30000.	115	14515	No
45	GOM_TRA_1PNPDE20041209_025136_000000492032_00433_14515_0017.N1	09-DEC-2004 02:51:36	Bright	49.000	94	92Alp Cet	2.5260	3100.0	98	14515	No
46	GOM_TRA_1PNPDE20041209_025334_000000762032_00433_14515_0018.N1	09-DEC-2004 02:53:34	Bright	76.000	14	58Alp Ori	0.87000	3000.0	152	14515	No

47	GOM_TRA_1PNPDE20041209_025654_000000432032_00433_14515_0019.N1	09-DEC-2004 02:56:54	Bright	43.000	146	25Eta Tau	2.8730	15200.	86	14515	No
48	GOM_TRA_1PNPDE20041209_025910_000000402032_00433_14515_0020.N1	09-DEC-2004 02:59:10	Bright	40.000	150	44Zet Per	2.8900	28000.	80	14515	No
49	GOM_TRA_1PNPDE20041209_030048_000000382032_00433_14515_0021.N1	09-DEC-2004 03:00:48	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	14515	No
50	GOM_TRA_1PNPDE20041209_030252_000000392032_00433_14515_0022.N1	09-DEC-2004 03:02:52	Bright	38.500	73	57Gam1And	2.2600	13100.	77	14515	No
51	GOM_TRA_1PNPDE20041209_030412_000000412032_00433_14515_0023.N1	09-DEC-2004 03:04:12	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	14515	No
52	GOM_TRA_1PNPDE20041209_030555_000000482032_00433_14515_0024.N1	09-DEC-2004 03:05:55	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	14515	No
53	GOM_TRA_1PNPDE20041209_030805_000000392032_00433_14515_0025.N1	09-DEC-2004 03:08:05	Bright	38.500	110	37Del Cas	2.6780	8900.0	77	14515	No
54	GOM_TRA_1PNPDE20041209_031121_0000001022032_00433_14515_0026.N1	09-DEC-2004 03:11:21	Bright	102.00	24	66Alp Gem	1.5800	10200.	204	14515	No
55	GOM_TRA_1PNPDE20041209_031520_000000382032_00433_14515_0027.N1	09-DEC-2004 03:15:20	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	14515	No
56	GOM_TRA_1PNPDE20041209_032002_000000392032_00433_14515_0000.N1	09-DEC-2004 03:20:02	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	14515	No
57	GOM_TRA_1PNPDE20041209_032302_000000382032_00433_14515_0001.N1	09-DEC-2004 03:23:02	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	14515	No
58	GOM_TRA_1PNPDE20041209_032459_000000592032_00433_14515_0002.N1	09-DEC-2004 03:24:59	Bright	59.000	32	77Eps UMa	1.7630	11000.	118	14515	No
59	GOM_TRA_1PNPDE20041209_032719_000000392032_00433_14515_0003.N1	09-DEC-2004 03:27:19	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	14515	No
60	GOM_TRA_1PNPDE20041209_033026_000000382032_00433_14515_0004.N1	09-DEC-2004 03:30:26	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	14515	No
61	GOM_TRA_1PNPDE20041209_033331_000000382032_00433_14515_0005.N1	09-DEC-2004 03:33:31	Bright	38.000	83		2.3780	11000.	76	14515	No
62	GOM_TRA_1PNPDE20041209_033640_000000462032_00433_14515_0006.N1	09-DEC-2004 03:36:40	Bright	46.000	111	8Eta Boo	2.6800	6000.0	92	14515	No
63	GOM_TRA_1PNPDE20041209_034012_000000652032_00433_14515_0007.N1	09-DEC-2004 03:40:12	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	14515	No
64	GOM_TRA_1PNPDE20041209_034207_000000802032_00433_14515_0008.N1	09-DEC-2004 03:42:07	Twilight	79.500	62	94Bet Leo	2.1360	9700.0	159	14515	No
65	GOM_TRA_1PNPDE20041209_034501_000000592032_00433_14515_0009.N1	09-DEC-2004 03:45:01	Twilight	59.000	121	29Gam Vir	2.7400	7200.0	118	14515	No
66	GOM_TRA_1PNPDE20041209_034929_000000492032_00433_14515_0010.N1	09-DEC-2004 03:49:29	Twilight	49.000	169	46Gam Hya	2.9910	4700.0	98	14515	No
67	GOM_TRA_1PNPDE20041209_035138_000000432032_00433_14515_0011.N1	09-DEC-2004 03:51:38	Twilight	42.500	54	5The Cen	2.0550	4500.0	85	14515	No
68	GOM_TRA_1PNPDE20041209_035253_000000432032_00433_14515_0012.N1	09-DEC-2004 03:52:53	Twilight	43.000	123	1ot Cen	2.7500	10200.	86	14515	No
69	GOM_TRA_1PNPDE20041209_035442_000000382032_00433_14515_0013.N1	09-DEC-2004 03:54:42	Twilight	37.500	95	Zet Cen	2.5450	26000.	75	14515	No
70	GOM_TRA_1PNPDE20041209_035747_000000522032_00433_14515_0014.N1	09-DEC-2004 03:57:47	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	14515	No
71	GOM_TRA_1PNPDE20041209_035906_000000442032_00434_14516_0015.N1	09-DEC-2004 03:59:06	Dark	44.000	20	Bet Cru	1.2530	30000.	88	14516	No
72	GOM_TRA_1PNPDE20041209_040201_000000502032_00434_14516_0016.N1	09-DEC-2004 04:02:01	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	14516	No
73	GOM_TRA_1PNPDE20041209_040556_000000402032_00434_14516_0017.N1	09-DEC-2004 04:05:56	Dark	40.000	29	Bet Car	1.6720	10200.	80	14516	No
74	GOM_TRA_1PNPDE20041209_040806_000000602032_00434_14516_0018.N1	09-DEC-2004 04:08:06	Dark	59.500	65	Lam Vel	2.2040	4400.0	119	14516	No
75	GOM_TRA_1PNPDE20041209_041040_000000502032_00434_14516_0019.N1	09-DEC-2004 04:10:40	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	14516	No
76	GOM_TRA_1PNPDE20041209_041319_000000482032_00434_14516_0020.N1	09-DEC-2004 04:13:19	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	14516	No
77	GOM_TRA_1PNPDE20041209_051408_000000382032_00434_14516_0005.N1	09-DEC-2004 05:14:08	Bright	38.000	83		2.3780	11000.	76	14516	No
78	GOM_TRA_1PNPDE20041209_051717_000000402032_00434_14516_0006.N1	09-DEC-2004 05:17:17	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	14516	No
79	GOM_TRA_1PNPDE20041209_052048_000000482032_00434_14516_0007.N1	09-DEC-2004 05:20:48	Bright	48.000	138	47Eps Vir	2.8280	4700.0	96	14516	No
80	GOM_TRA_1PNPDE20041209_052244_000000832032_00434_14516_0008.N1	09-DEC-2004 05:22:44	Twilight	83.000	62	94Bet Leo	2.1360	9700.0	166	14516	No
81	GOM_TRA_1PNPDE20041209_052538_000000542032_00434_14516_0009.N1	09-DEC-2004 05:25:38	Twilight	53.500	121	29Gam Vir	2.7400	7200.0	107	14516	No
82	GOM_TRA_1PNPDE20041209_053008_000000462032_00434_14516_0010.N1	09-DEC-2004 05:30:08	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	14516	No
83	GOM_TRA_1PNPDE20041209_053215_000000462032_00434_14516_0011.N1	09-DEC-2004 05:32:15	Twilight	45.500	54	5The Cen	2.0550	4500.0	91	14516	No
84	GOM_TRA_1PNPDE20041209_053331_000000422032_00434_14516_0012.N1	09-DEC-2004 05:33:31	Twilight	41.500	123	1ot Cen	2.7500	10200.	83	14516	No
85	GOM_TRA_1PNPDE20041209_053518_000000422032_00434_14516_0013.N1	09-DEC-2004 05:35:18	Twilight	41.500	95	Zet Cen	2.5450	26000.	83	14516	No
86	GOM_TRA_1PNPDE20041209_053823_000000522032_00434_14516_0014.N1	09-DEC-2004 05:38:23	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	14516	No
87	GOM_TRA_1PNPDE20041209_053943_000000462032_00435_14517_0015.N1	09-DEC-2004 05:39:43	Dark	45.500	20	Bet Cru	1.2530	30000.	91	14517	No
88	GOM_TRA_1PNPDE20041209_054238_000000462032_00435_14517_0016.N1	09-DEC-2004 05:42:38	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	14517	No
89	GOM_TRA_1PNPDE20041209_054632_000000402032_00435_14517_0017.N1	09-DEC-2004 05:46:32	Dark	39.500	29	Bet Car	1.6720	10200.	79	14517	No
90	GOM_TRA_1PNPDE20041209_054844_000000682032_00435_14517_0018.N1	09-DEC-2004 05:48:44	Dark	67.500	65	Lam Vel	2.2040	4400.0	135	14517	No
91	GOM_TRA_1PNPDE20041209_055117_000000502032_00435_14517_0019.N1	09-DEC-2004 05:51:17	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	14517	No
92	GOM_TRA_1PNPDE20041209_055356_000000562032_00435_14517_0020.N1	09-DEC-2004 05:53:56	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	14517	No
93	GOM_TRA_1PNPDE20041209_055622_000000622032_00435_14517_0021.N1	09-DEC-2004 05:56:22	Dark	62.000	117	Pi Pup	2.7060	3800.0	124	14517	No
94	GOM_TRA_1PNPDE20041209_055950_000000642032_00435_14517_0022.N1	09-DEC-2004 05:59:50	Dark	64.000	23	21Eps CMa	1.5020	26000.	128	14517	No
95	GOM_TRA_1PNPDE20041209_060145_000000662032_00435_14517_0023.N1	09-DEC-2004 06:01:45	Dark	66.000	179	24Omi2CMa	3.0320	24000.	132	14517	No
96	GOM_TRA_1PNPDE20041209_060514_000000802032_00435_14517_0024.N1	09-DEC-2004 06:05:14	Twilight	79.500	1	9Alp CMa	-1.4400	11000.	159	14517	No
97	GOM_TRA_1PNPDE20041209_060838_000000602032_00435_14517_0025.N1	09-DEC-2004 06:08:38	Bright	59.500	7	19Bet Ori	0.10000	14000.	119	14517	No
98	GOM_TRA_1PNPDE20041209_061056_000000552032_00435_14517_0026.N1	09-DEC-2004 06:10:56	Bright	54.500	33	50Zet Ori	1.7660	30000.	109	14517	No
99	GOM_TRA_1PNPDE20041209_061249_000000452032_00435_14517_0027.N1	09-DEC-2004 06:12:49	Bright	45.000	94	92Alp Cet	2.5260	3100.0	90	14517	No
100	GOM_TRA_1PNPDE20041209_061444_000000682032_00435_14517_0028.N1	09-DEC-2004 06:14:44	Bright	68.000	14	58Alp Ori	0.87000	3000.0	136	14517	No
101	GOM_TRA_1PNPDE20041209_061809_000000392032_00435_14517_0029.N1	09-DEC-2004 06:18:09	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	14517	No
102	GOM_TRA_1PNPDE20041209_062024_000000392032_00435_14517_0030.N1	09-DEC-2004 06:20:24	Bright	38.500	150	44Zet Per	2.8900	28000.	77	14517	No
103	GOM_TRA_1PNPDE20041209_062202_000000382032_00435_14517_0031.N1	09-DEC-2004 06:22:02	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	14517	No
104	GOM_TRA_1PNPDE20041209_062404_000000402032_00435_14517_0032.N1	09-DEC-2004 06:24:04	Bright	39.500	73	57Gam1And	2.2600	13100.	79	14517	No
105	GOM_TRA_1PNPDE20041209_062525_000000382032_00435_14517_0033.N1	09-DEC-2004 06:25:25	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	14517	No

106	GOM_TRA_1PNPDE20041209_205920_000000522032_00444_14526_0000.N1	09-DEC-2004 20:59:20	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	14526	No
107	GOM_TRA_1PNPDE20041209_210150_000000602032_00444_14526_0001.N1	09-DEC-2004 21:01:50	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	14526	No
108	GOM_TRA_1PNPDE20041209_210516_000000652032_00444_14526_0002.N1	09-DEC-2004 21:05:16	Dark	64.500	23	21Eps CMa	1.5020	26000.	129	14526	No
109	GOM_TRA_1PNPDE20041209_210713_000000672032_00444_14526_0003.N1	09-DEC-2004 21:07:13	Dark	66.500	179	24Omi2CMa	3.0320	24000.	133	14526	No
110	GOM_TRA_1PNPDE20041209_211038_000000842032_00444_14526_0004.N1	09-DEC-2004 21:10:38	Twilight	84.000	1	9Alp CMa	-1.4400	11000.	168	14526	No
111	GOM_TRA_1PNPDE20041209_211359_000000542032_00444_14526_0005.N1	09-DEC-2004 21:13:59	Bright	54.000	7	19Bet Ori	0.10000	14000.	108	14526	No
112	GOM_TRA_1PNPDE20041209_211630_000000542032_00444_14526_0006.N1	09-DEC-2004 21:16:30	Bright	53.500	30	46Eps Ori	1.6940	30000.	107	14526	No
113	GOM_TRA_1PNPDE20041209_211858_000000542032_00444_14526_0007.N1	09-DEC-2004 21:18:58	Bright	54.000	27	24Gam Ori	1.6360	26000.	108	14526	No
114	GOM_TRA_1PNPDE20041209_212132_000000572032_00444_14526_0008.N1	09-DEC-2004 21:21:32	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	14526	No
115	GOM_TRA_1PNPDE20041209_212331_000000382032_00444_14526_0009.N1	09-DEC-2004 21:23:31	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	14526	No
116	GOM_TRA_1PNPDE20041209_212545_000000382032_00444_14526_0010.N1	09-DEC-2004 21:25:45	Bright	38.000	150	44Zet Per	2.8900	28000.	76	14526	No
117	GOM_TRA_1PNPDE20041209_212727_000000392032_00444_14526_0011.N1	09-DEC-2004 21:27:27	Bright	39.000	173	4Bet Tri	3.0040	8900.0	78	14526	No
118	GOM_TRA_1PNPDE20041209_212930_000000392032_00444_14526_0012.N1	09-DEC-2004 21:29:30	Bright	39.000	73	57Gam1And	2.2600	13100.	78	14526	No
119	GOM_TRA_1PNPDE20041209_213108_000000452032_00444_14526_0013.N1	09-DEC-2004 21:31:08	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	14526	No
120	GOM_TRA_1PNPDE20041209_213443_000000392032_00444_14526_0014.N1	09-DEC-2004 21:34:43	Bright	38.500	110	37Del Cas	2.6780	8900.0	77	14526	No
121	GOM_TRA_1PNPDE20041209_213728_000000942032_00444_14526_0015.N1	09-DEC-2004 21:37:28	Bright	93.500	24	66Alp Gem	1.5800	10200.	187	14526	No
122	GOM_TRA_1PNPDE20041209_221244_000000522032_00444_14526_0000.N1	09-DEC-2004 22:12:44	Twilight	52.000	15	67Alp Vir	0.97600	28000.	104	14526	Yes
123	GOM_TRA_1PNPDE20041209_221612_000000482032_00444_14526_0001.N1	09-DEC-2004 22:16:12	Twilight	48.000	169	46Gam Hya	2.9910	4700.0	96	14526	No
124	GOM_TRA_1PNPDE20041209_221815_000000492032_00444_14526_0002.N1	09-DEC-2004 22:18:15	Twilight	49.000	54	5The Cen	2.0550	4500.0	98	14526	No
125	GOM_TRA_1PNPDE20041209_221934_000000432032_00444_14526_0003.N1	09-DEC-2004 22:19:34	Twilight	42.500	123	1ot Cen	2.7500	10200.	85	14526	No
126	GOM_TRA_1PNPDE20041209_222121_000000392032_00444_14526_0004.N1	09-DEC-2004 22:21:21	Twilight	38.500	95	Zet Cen	2.5450	26000.	77	14526	No
127	GOM_TRA_1PNPDE20041209_222423_000000522032_00444_14526_0005.N1	09-DEC-2004 22:24:23	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	14526	No
128	GOM_TRA_1PNPDE20041209_222845_000000482032_00445_14527_0006.N1	09-DEC-2004 22:28:45	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	14527	No
129	GOM_TRA_1PNPDE20041209_223235_000000422032_00445_14527_0007.N1	09-DEC-2004 22:32:35	Dark	41.500	29	Bet Car	1.6720	10200.	83	14527	No
130	GOM_TRA_1PNPDE20041209_223454_000000452032_00445_14527_0008.N1	09-DEC-2004 22:34:54	Dark	44.500	41	Eps Car	1.8600	4100.0	89	14527	No
131	GOM_TRA_1PNPDE20041209_223723_000000562032_00445_14527_0009.N1	09-DEC-2004 22:37:23	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	14527	No
132	GOM_TRA_1PNPDE20041209_223958_000000522032_00445_14527_0010.N1	09-DEC-2004 22:39:58	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	14527	No
133	GOM_TRA_1PNPDE20041209_224226_000000592032_00445_14527_0011.N1	09-DEC-2004 22:42:26	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	14527	No
134	GOM_TRA_1PNPDE20041209_224554_000000612032_00445_14527_0012.N1	09-DEC-2004 22:45:54	Dark	61.000	23	21Eps CMa	1.5020	26000.	122	14527	No
135	GOM_TRA_1PNPDE20041209_224750_000000622032_00445_14527_0013.N1	09-DEC-2004 22:47:50	Dark	62.000	179	24Omi2CMa	3.0320	24000.	124	14527	No
136	GOM_TRA_1PNPDE20041209_225112_000000732032_00445_14527_0014.N1	09-DEC-2004 22:51:12	Twilight	72.500	1	9Alp CMa	-1.4400	11000.	145	14527	No
137	GOM_TRA_1PNPDE20041209_225435_000000532032_00445_14527_0015.N1	09-DEC-2004 22:54:35	Bright	53.000	7	19Bet Ori	0.10000	14000.	106	14527	No
138	GOM_TRA_1PNPDE20041209_225706_000000562032_00445_14527_0016.N1	09-DEC-2004 22:57:06	Bright	56.000	30	46Eps Ori	1.6940	30000.	112	14527	No
139	GOM_TRA_1PNPDE20041209_225934_000000552032_00445_14527_0017.N1	09-DEC-2004 22:59:34	Bright	55.000	27	24Gam Ori	1.6360	26000.	110	14527	No
140	GOM_TRA_1PNPDE20041209_230206_000000572032_00445_14527_0018.N1	09-DEC-2004 23:02:06	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	14527	No
141	GOM_TRA_1PNPDE20041209_230407_000000412032_00445_14527_0019.N1	09-DEC-2004 23:04:07	Bright	41.000	146	25Eta Tau	2.8730	15200.	82	14527	No
142	GOM_TRA_1PNPDE20041209_230621_000000392032_00445_14527_0020.N1	09-DEC-2004 23:06:21	Bright	39.000	150	44Zet Per	2.8900	28000.	78	14527	No
143	GOM_TRA_1PNPDE20041209_230804_000000382032_00445_14527_0021.N1	09-DEC-2004 23:08:04	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	14527	No
144	GOM_TRA_1PNPDE20041209_231006_000000402032_00445_14527_0022.N1	09-DEC-2004 23:10:06	Bright	39.500	73	57Gam1And	2.2600	13100.	79	14527	No
145	GOM_TRA_1PNPDE20041209_231144_000000442032_00445_14527_0023.N1	09-DEC-2004 23:11:44	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	14527	No
146	GOM_TRA_1PNPDE20041209_235319_000000552032_00445_14527_0000.N1	09-DEC-2004 23:53:19	Twilight	55.000	15	67Alp Vir	0.97600	28000.	110	14527	No
147	GOM_TRA_1PNPDE20041209_235649_000000492032_00445_14527_0001.N1	09-DEC-2004 23:56:49	Twilight	49.000	169	46Gam Hya	2.9910	4700.0	98	14527	No
148	GOM_TRA_1PNPDE20041209_235853_000000472032_00445_14527_0002.N1	09-DEC-2004 23:58:53	Twilight	46.500	54	5The Cen	2.0550	4500.0	93	14527	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).

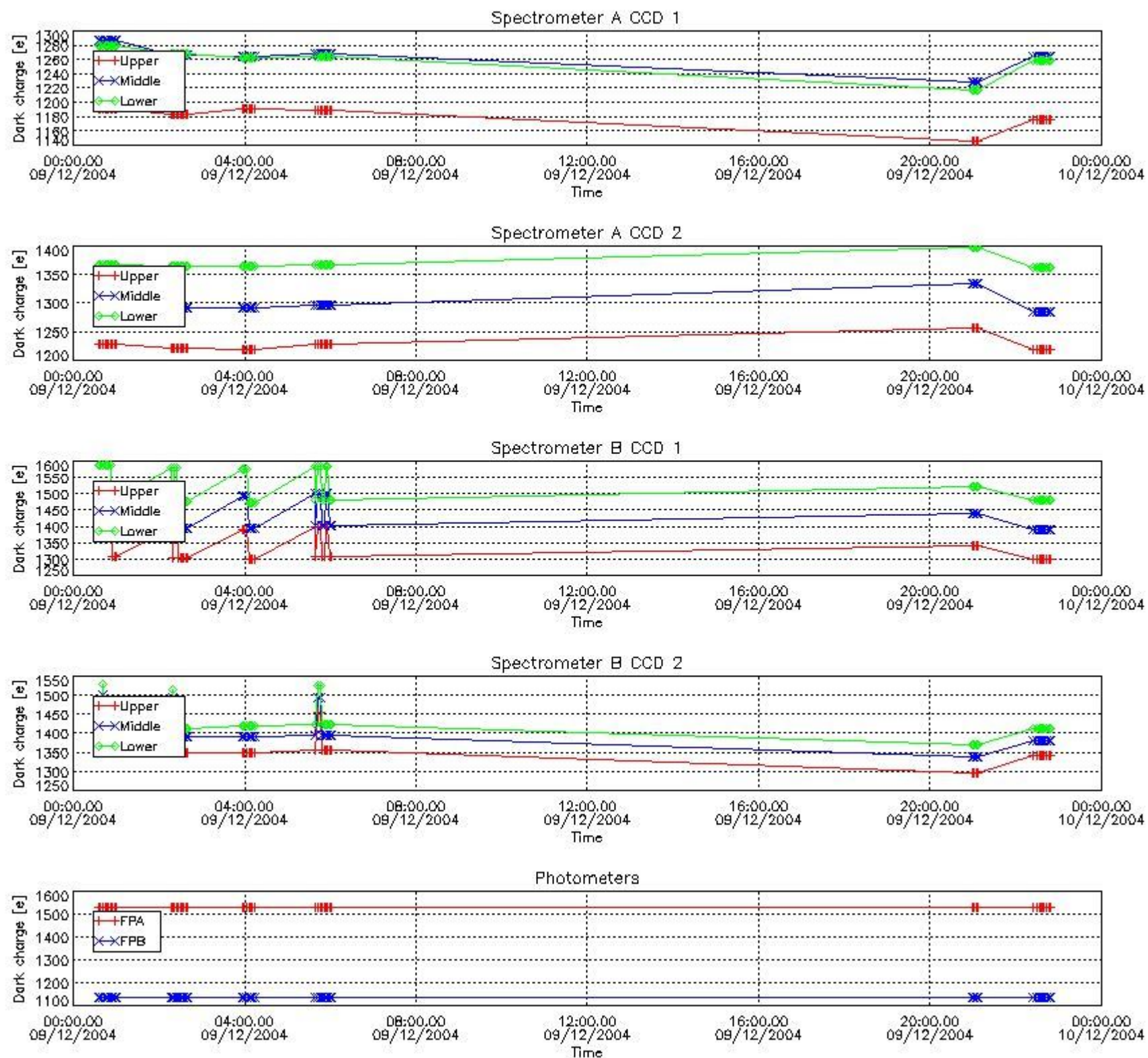
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20041209_205920_000000522032_00444_14526_0000.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_210150_000000602032_00444_14526_0001.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_210516_000000652032_00444_14526_0002.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_210713_000000672032_00444_14526_0003.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_211038_000000842032_00444_14526_0004.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_211359_000000542032_00444_14526_0005.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_211630_000000542032_00444_14526_0006.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_211858_000000542032_00444_14526_0007.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_212132_000000572032_00444_14526_0008.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_212331_000000382032_00444_14526_0009.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_212545_000000382032_00444_14526_0010.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_212727_000000392032_00444_14526_0011.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_212930_000000392032_00444_14526_0012.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_213108_000000452032_00444_14526_0013.N1	DC map used (0)

GOM_TRA_1PNPDE20041209_213443_000000392032_00444_14526_0014.N1	DC map used (0)
GOM_TRA_1PNPDE20041209_213728_000000942032_00444_14526_0015.N1	DC map used (0)

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



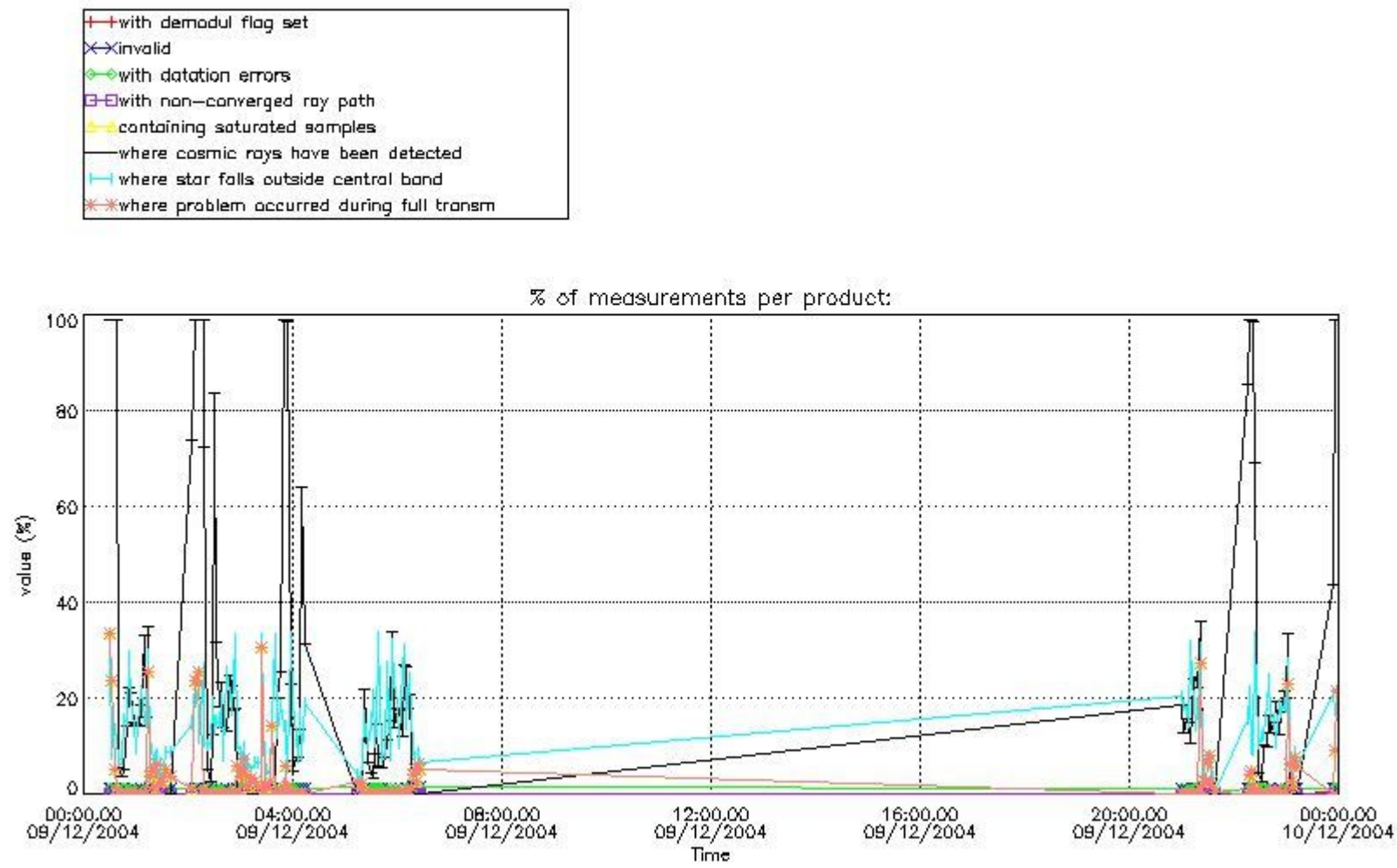
5. Demodulation flag and quality information monitoring

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.

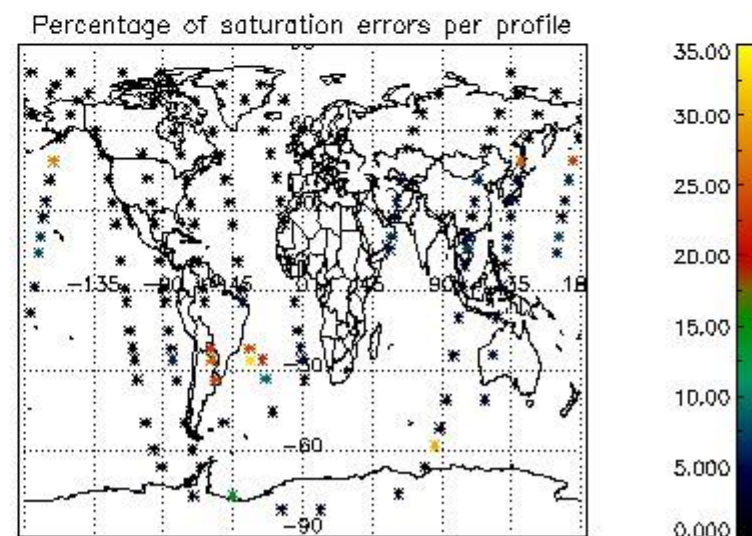
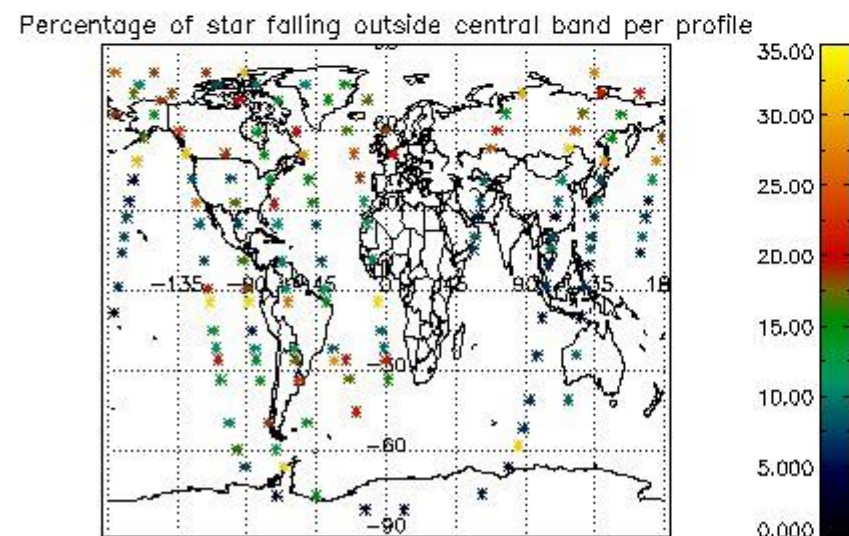
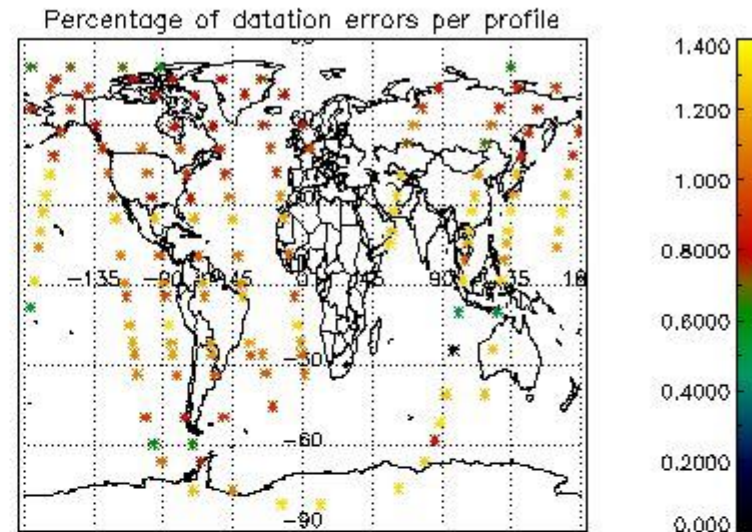
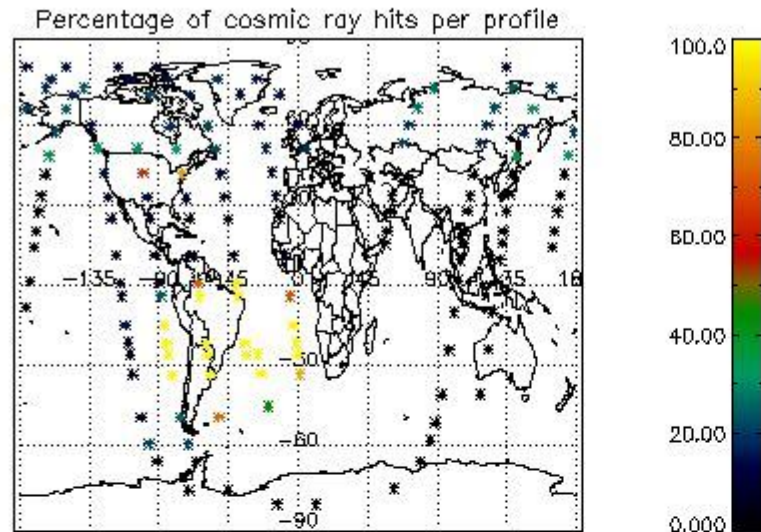
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	19.0476 %
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)



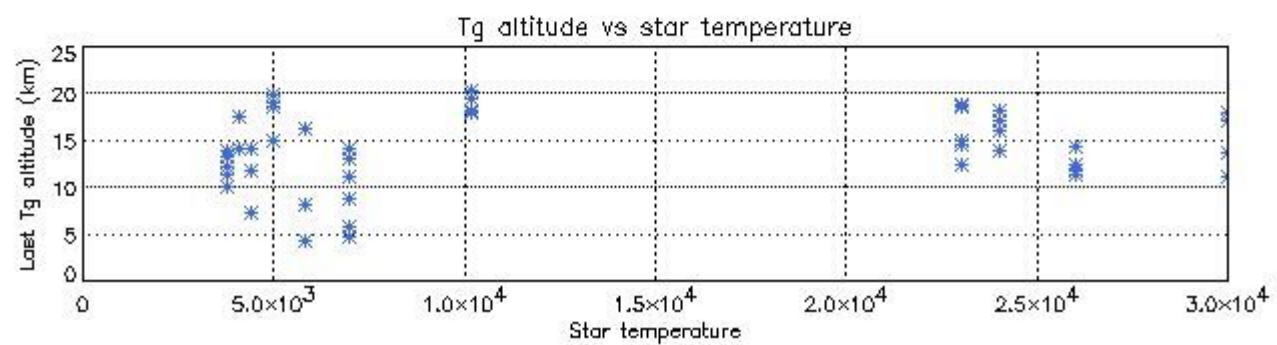
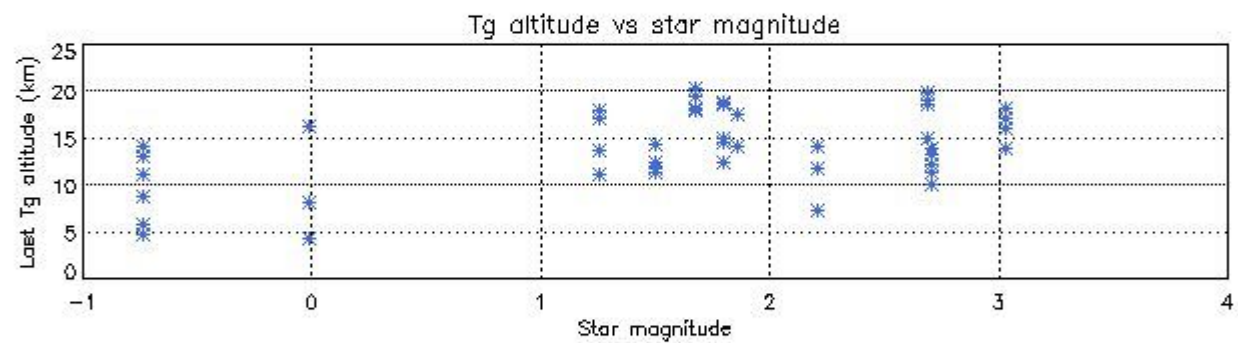
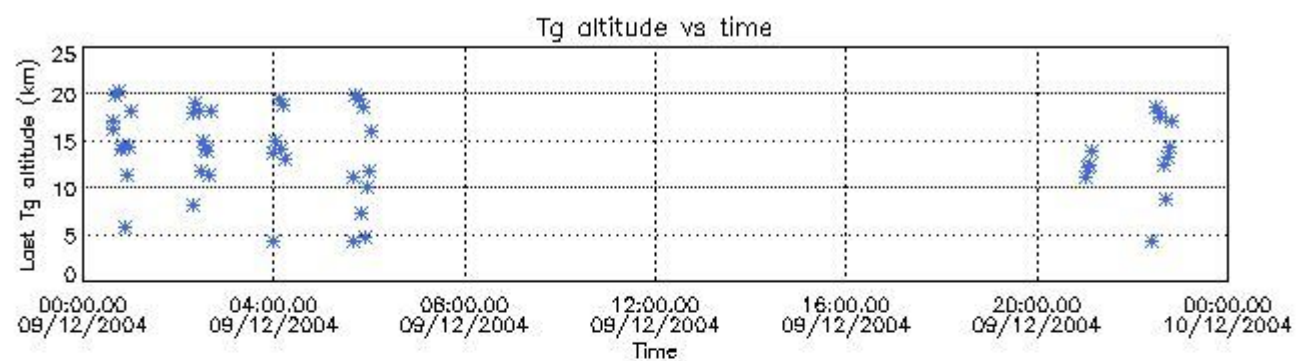
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.869	16.913	13.431
St. deviation:	4.5144	5.6138	3.7006
Maximum:	20.344	25.150	21.543
Minimum:	4.1676	4.5231	5.7178
Number of data:	50.000	67.000	30.000

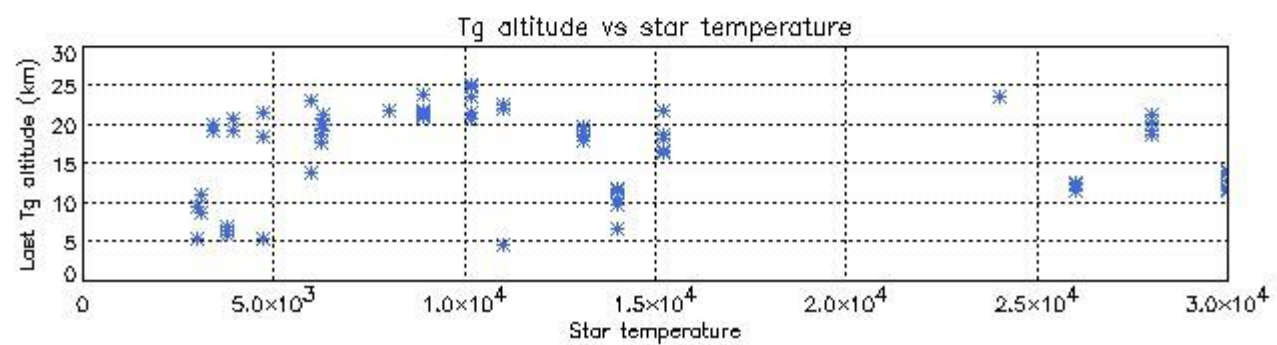
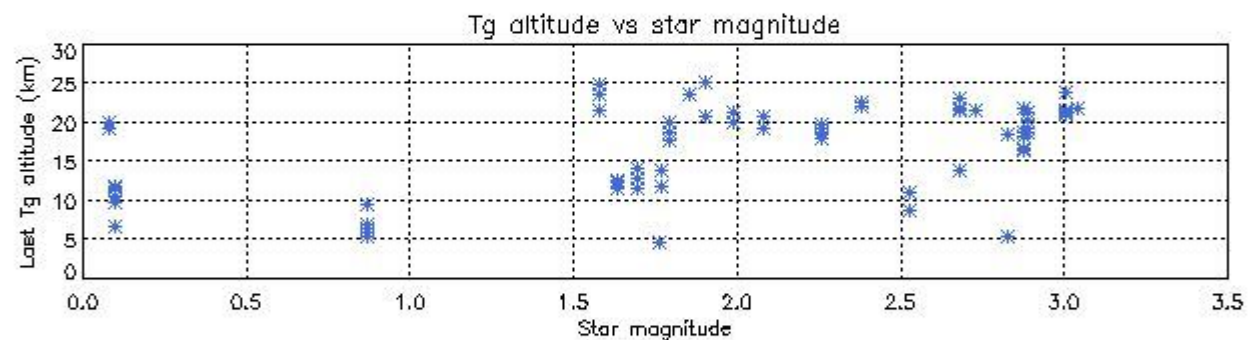
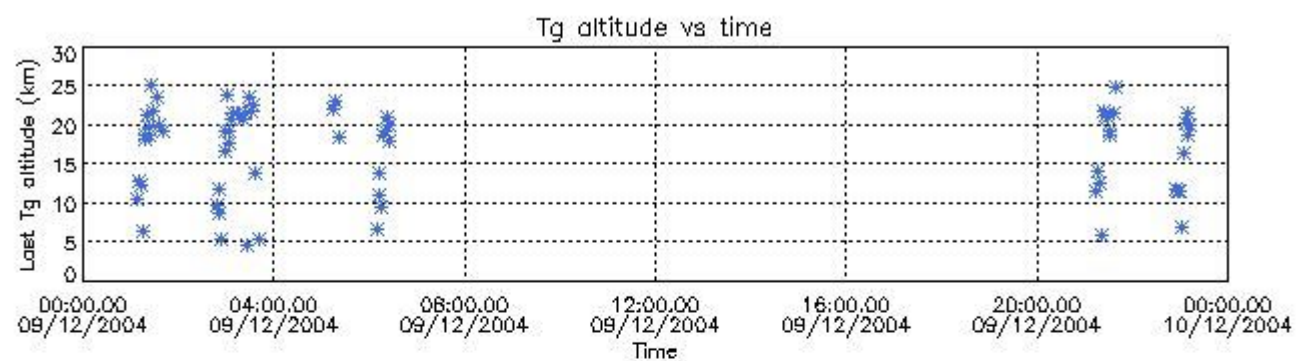
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



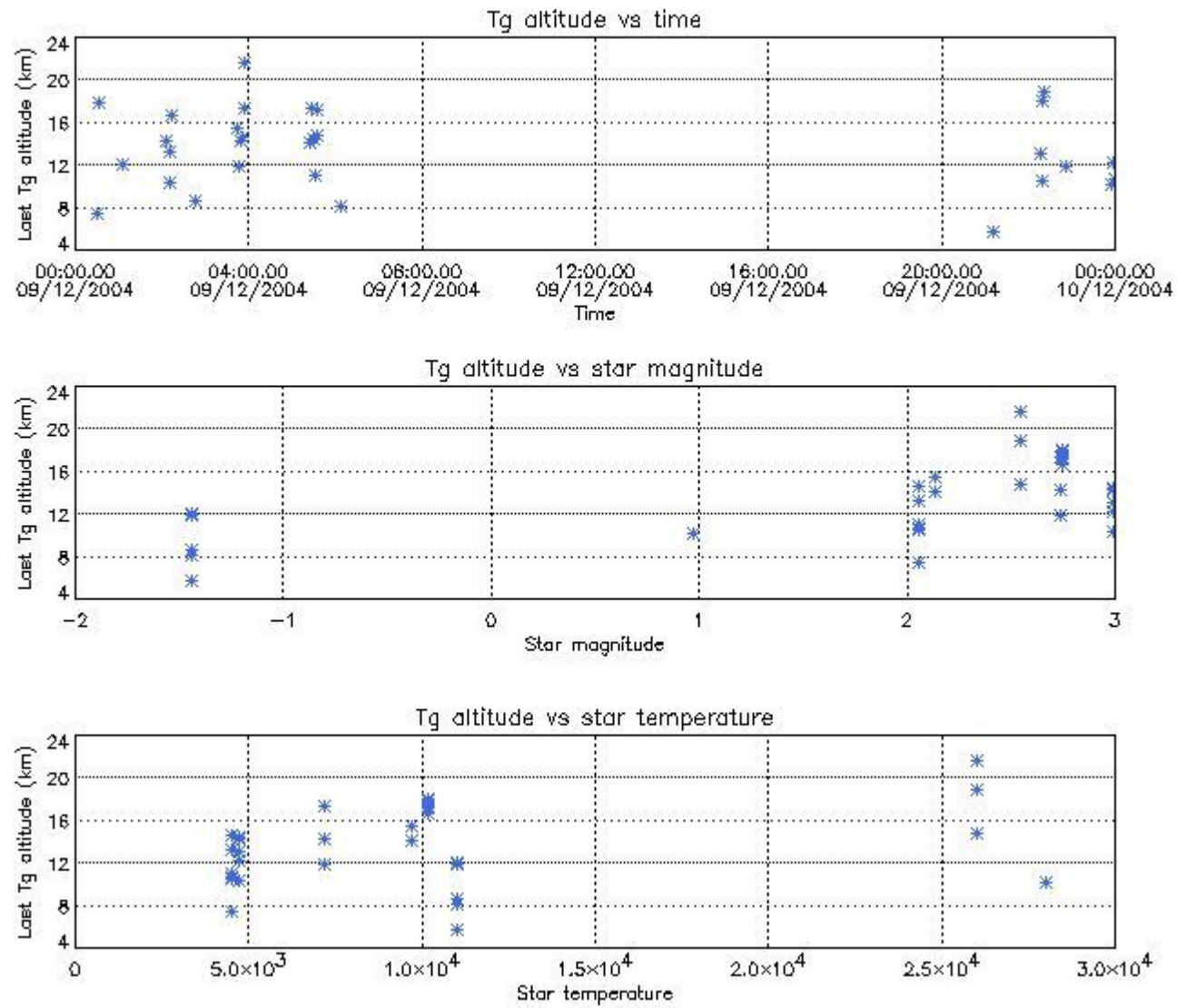
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost



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

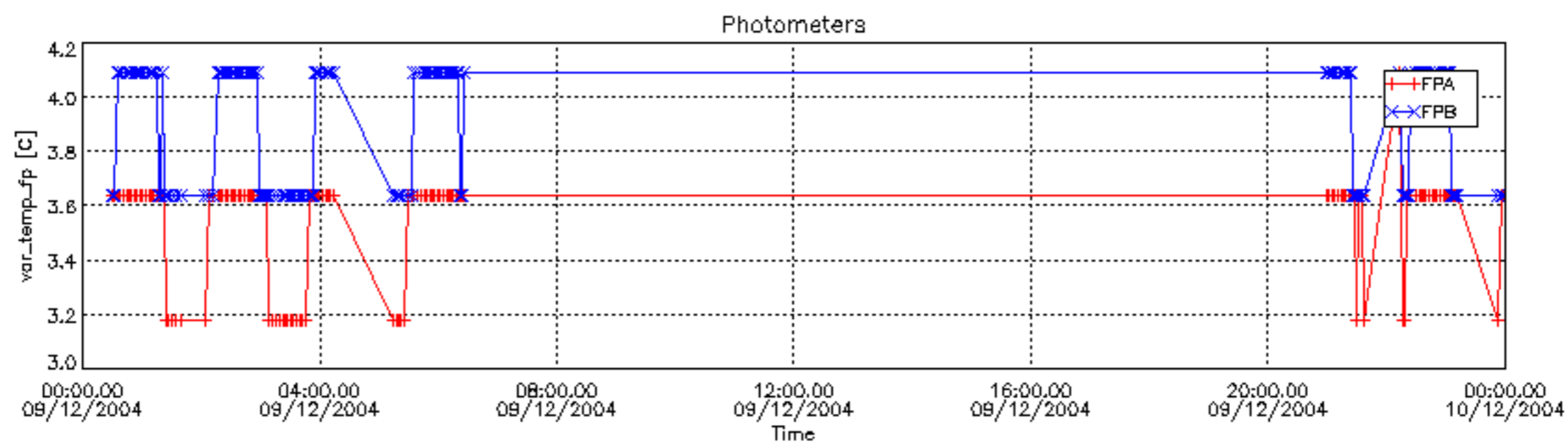
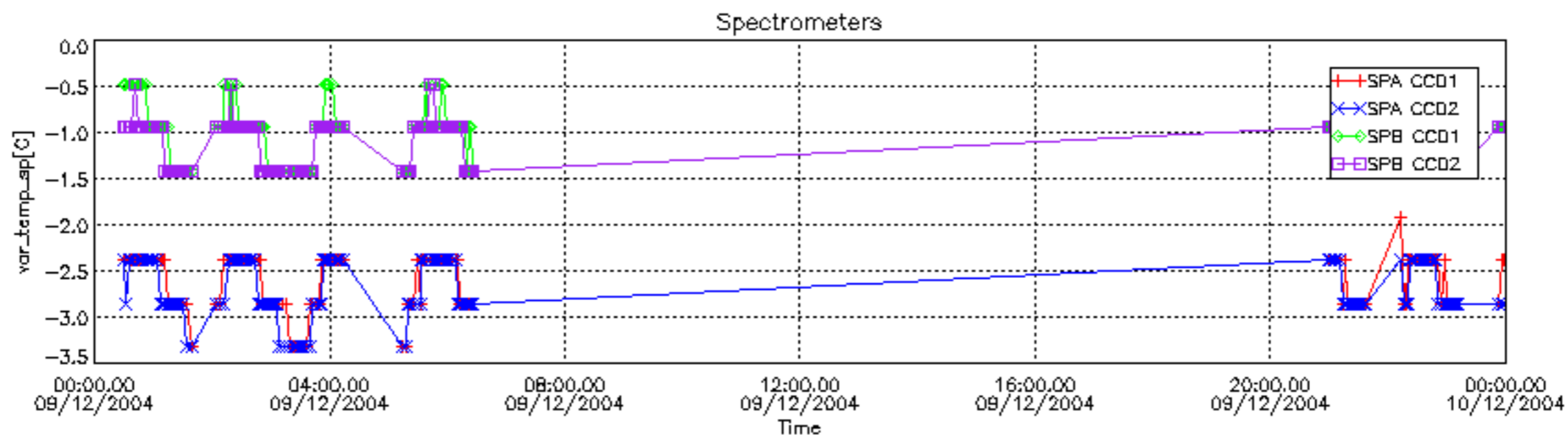
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: 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.

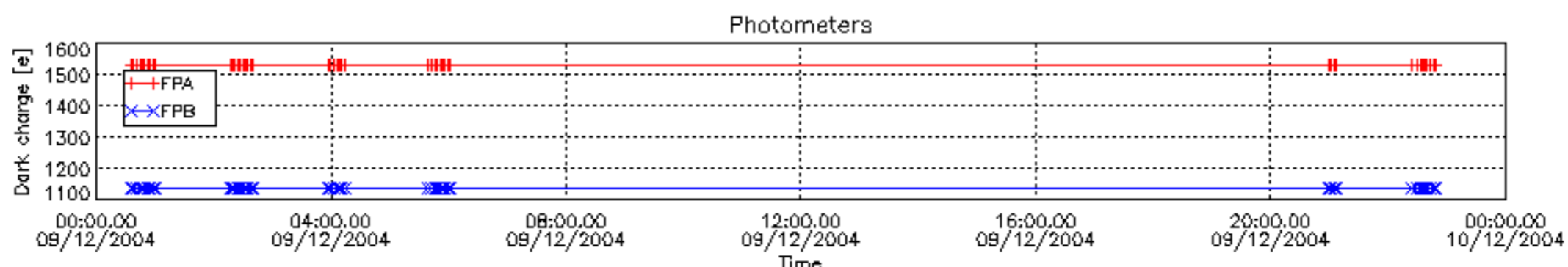
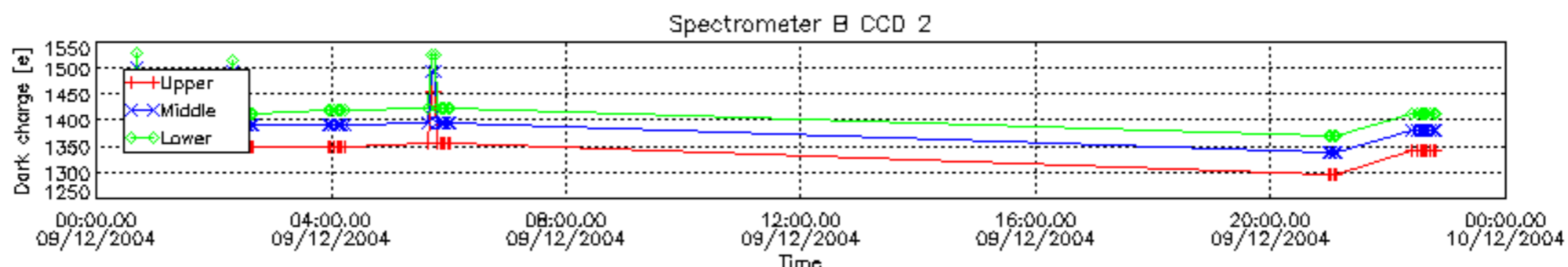
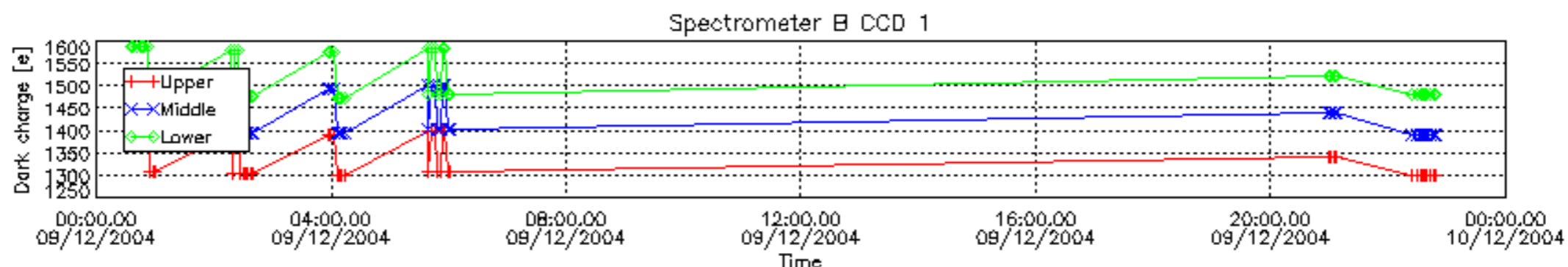
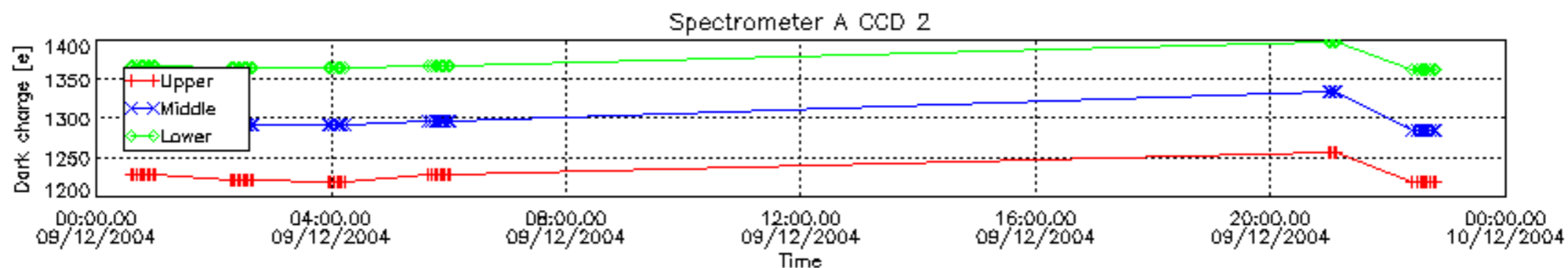
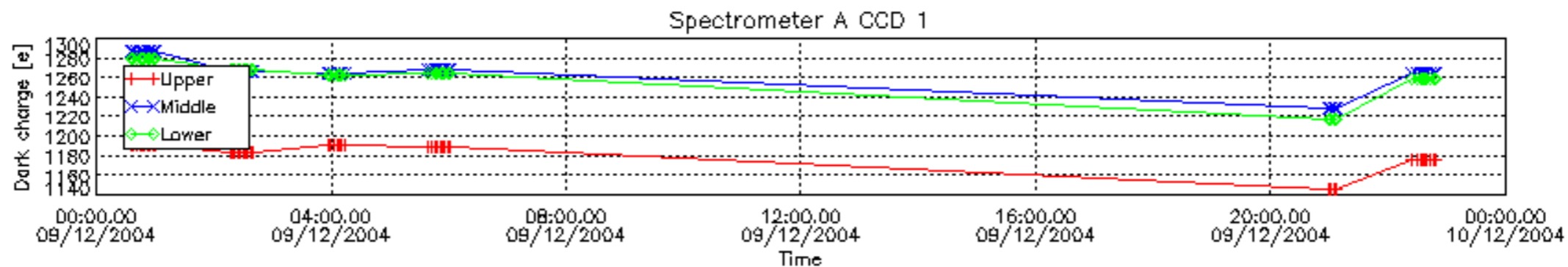
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1462.5	1447.7	1461.7	1447.5
St. deviation:	4.4480	5.8675	6.6617	8.1601
Maximum:	1786.0	1524.0	1512.0	1529.0
Minimum:	1426.0	1406.0	1449.0	1438.0
Number of data:	67750.	67750.	82100.	82100.

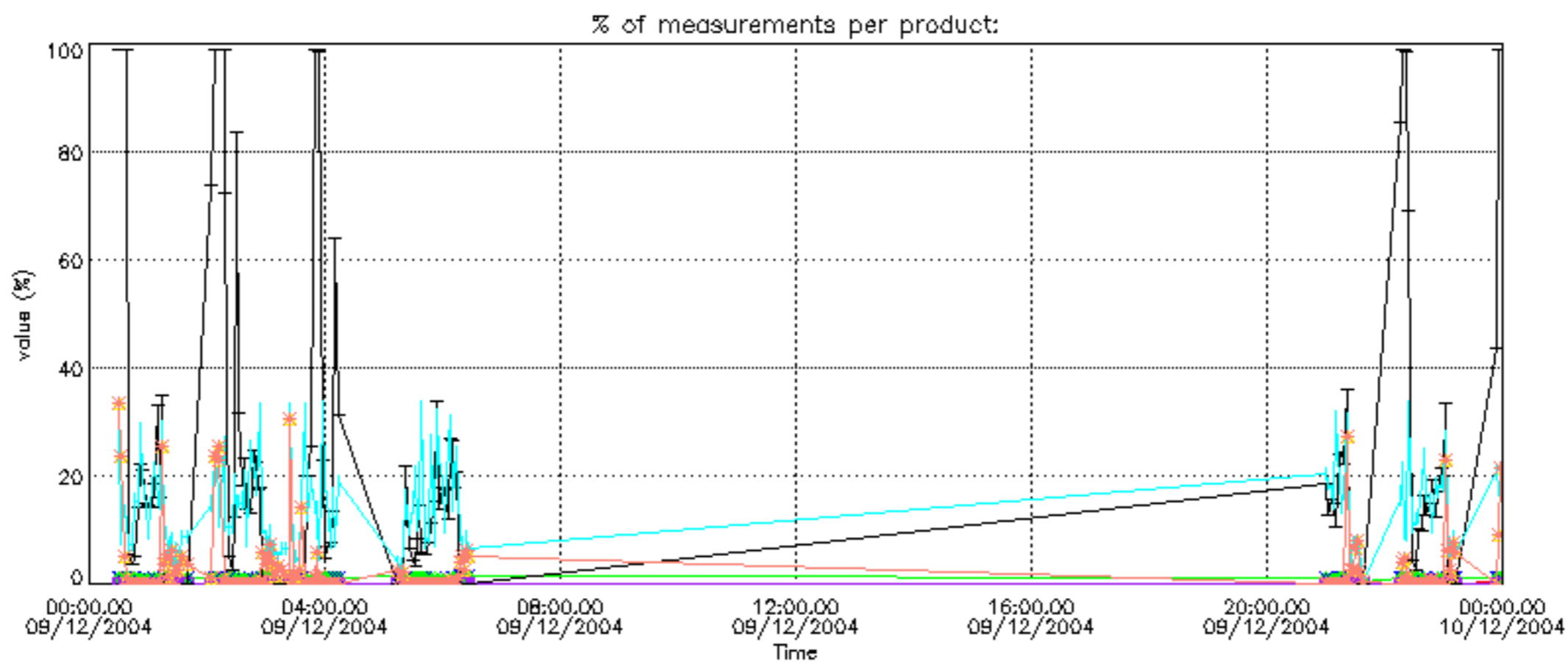
8. Auxiliary Data Files used for the production reported in section 2.2

The number reported in the third column indicates since which file (see list in section 2.2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

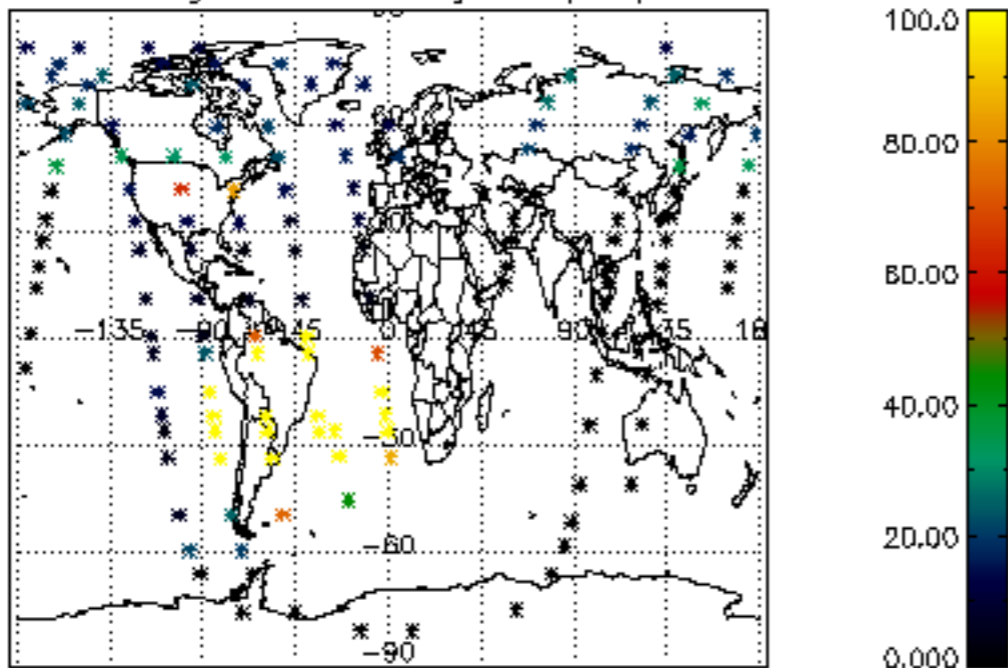
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20030716_105425_20030716_120000_20100101_000000	1	09-DEC-2004 00:30:25
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20041207_081221_20041205_000000_20100101_000000	1	09-DEC-2004 00:30:25
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20040401_083133_20020324_200000_20100101_000000	1	09-DEC-2004 00:30:25
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	09-DEC-2004 00:30:25
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20020121_165822_20020101_000000_20200101_000000	1	09-DEC-2004 00:30:25
ECMWF_FILE	AUX_ECF_AXNECM20041208_060427_20041208_210000_20041209_090000	1	09-DEC-2004 00:30:25
ECMWF_FILE	AUX_ECA_AXNECM20041209_071118_20041208_210000_20041209_090000	27	09-DEC-2004 01:39:27
ECMWF_FILE	AUX_ECF_AXNECM20041208_060427_20041208_210000_20041209_090000	28	09-DEC-2004 02:04:25
ECMWF_FILE	AUX_ECF_AXNECM20041208_193058_20041209_030000_20041209_150000	56	09-DEC-2004 03:20:02
ECMWF_FILE	AUX_ECF_AXNECM20041209_060124_20041209_150000_20041210_030000	106	09-DEC-2004 20:59:20
ECMWF_FILE	AUX_ECF_AXNECM20041209_061048_20041209_210000_20041210_090000	122	09-DEC-2004 22:12:44
OPTIONAL_ECMWF_FILE	NOT USED	1	09-DEC-2004 00:30:25
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20041208_225046_20041208_193556_20041218_210207	1	09-DEC-2004 00:30:25
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20041210_013911_20041209_190419_20041219_203030	146	09-DEC-2004 23:53:19



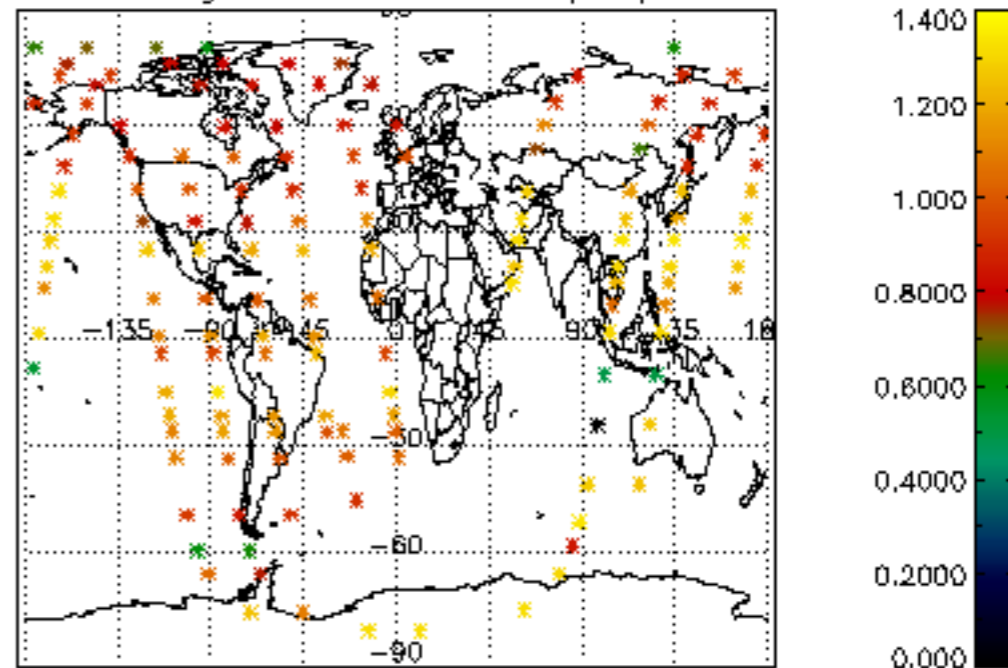




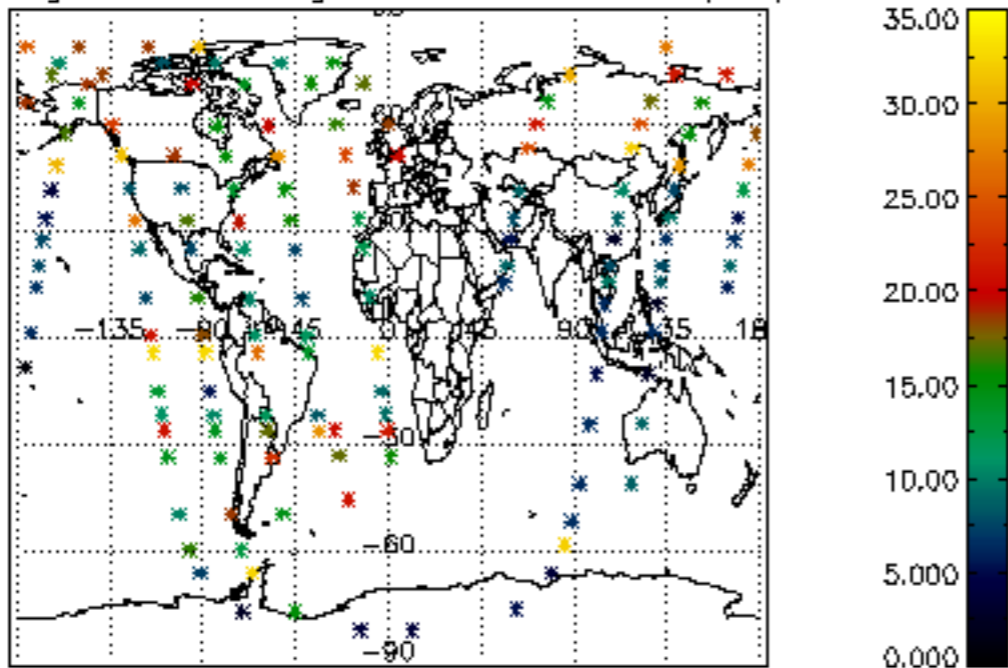
Percentage of cosmic ray hits per profile



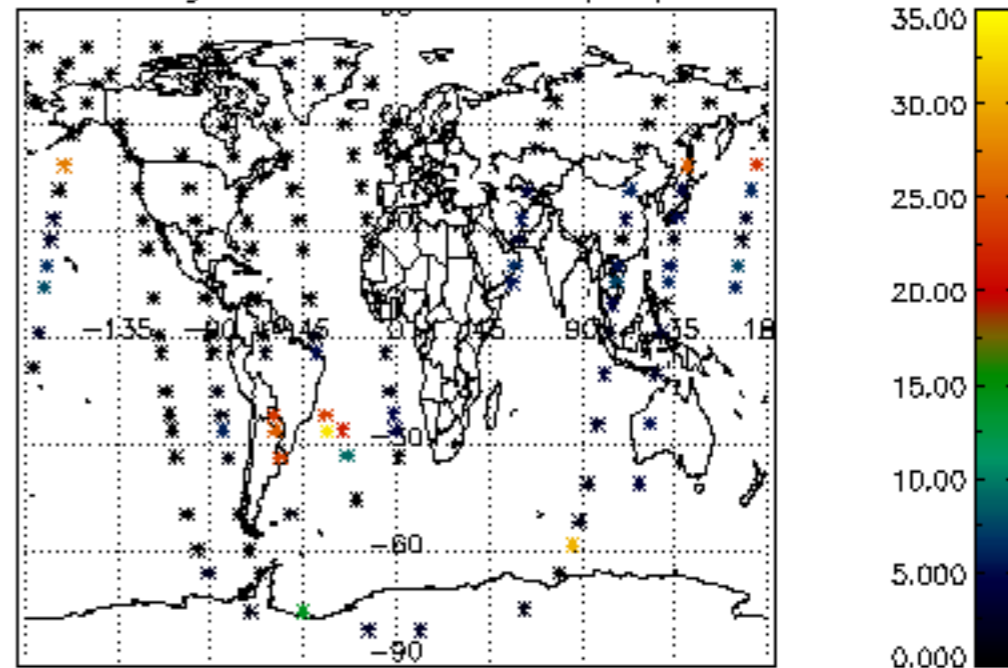
Percentage of datation errors per profile



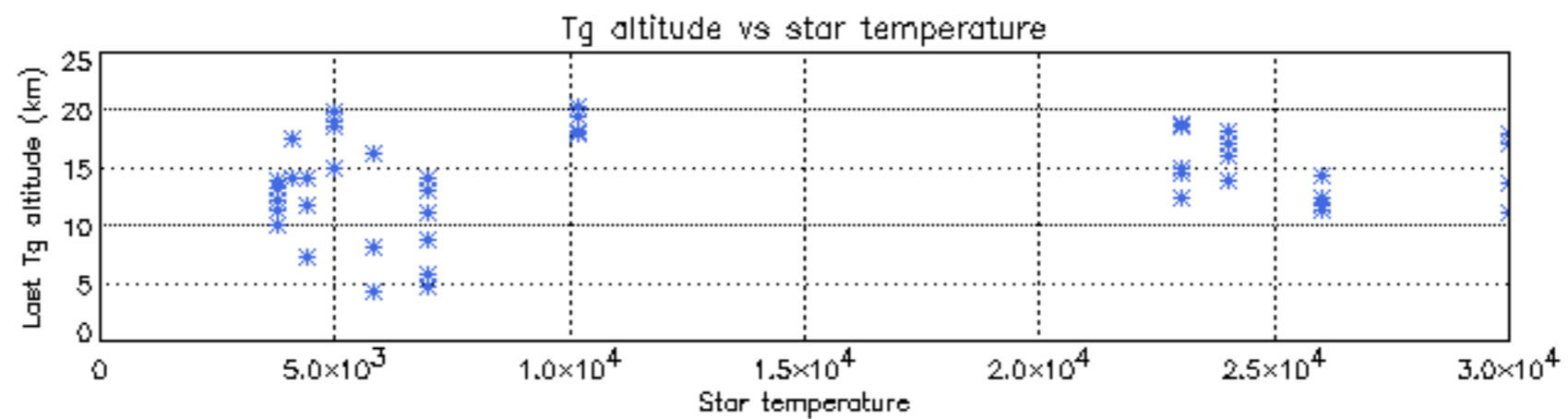
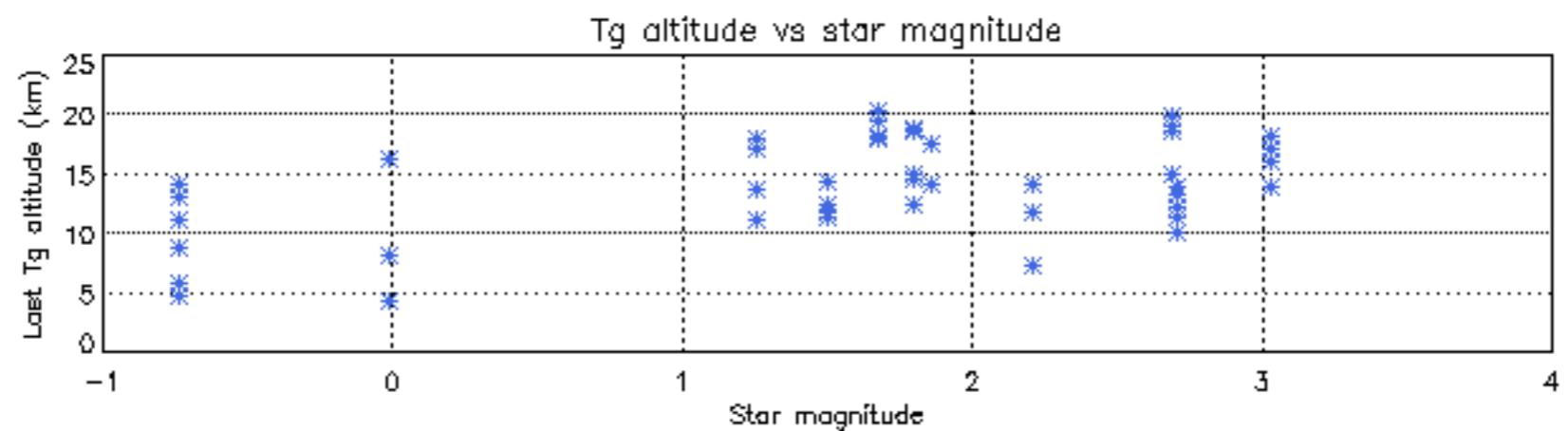
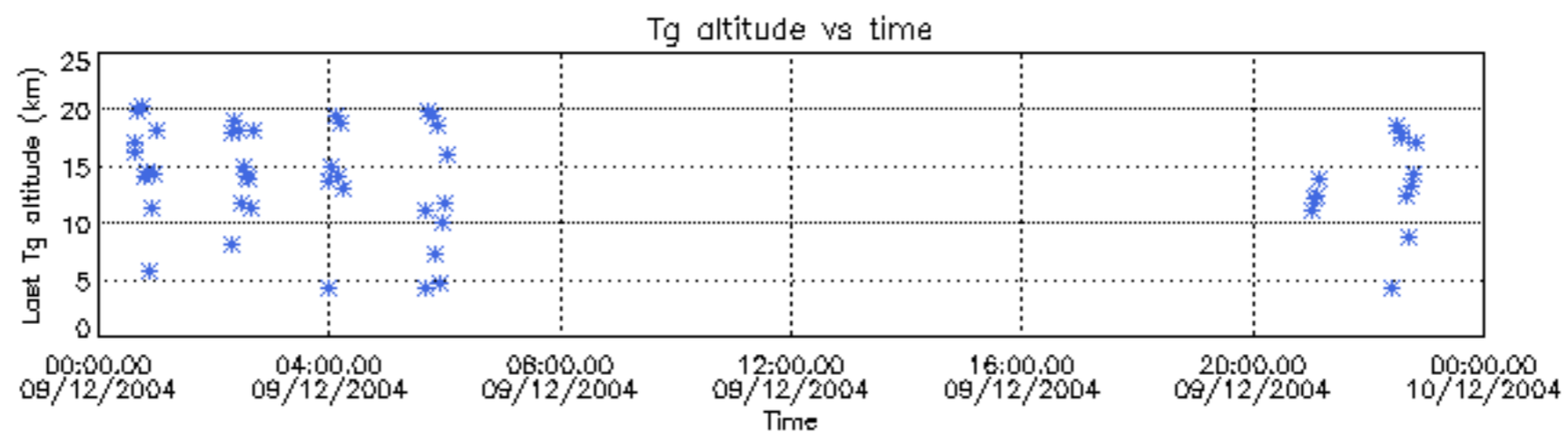
Percentage of star falling outside central band per profile



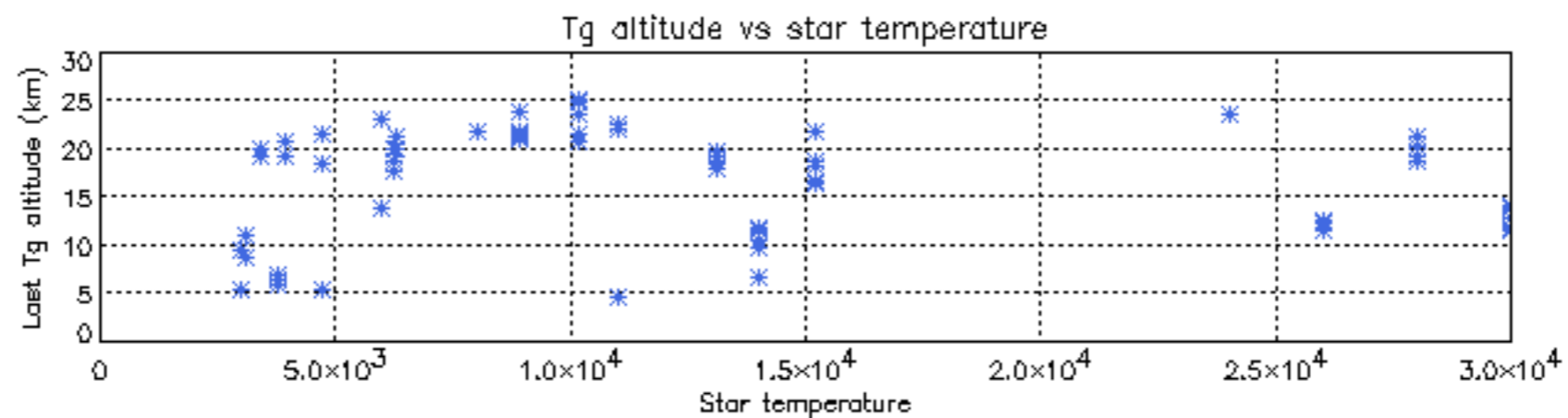
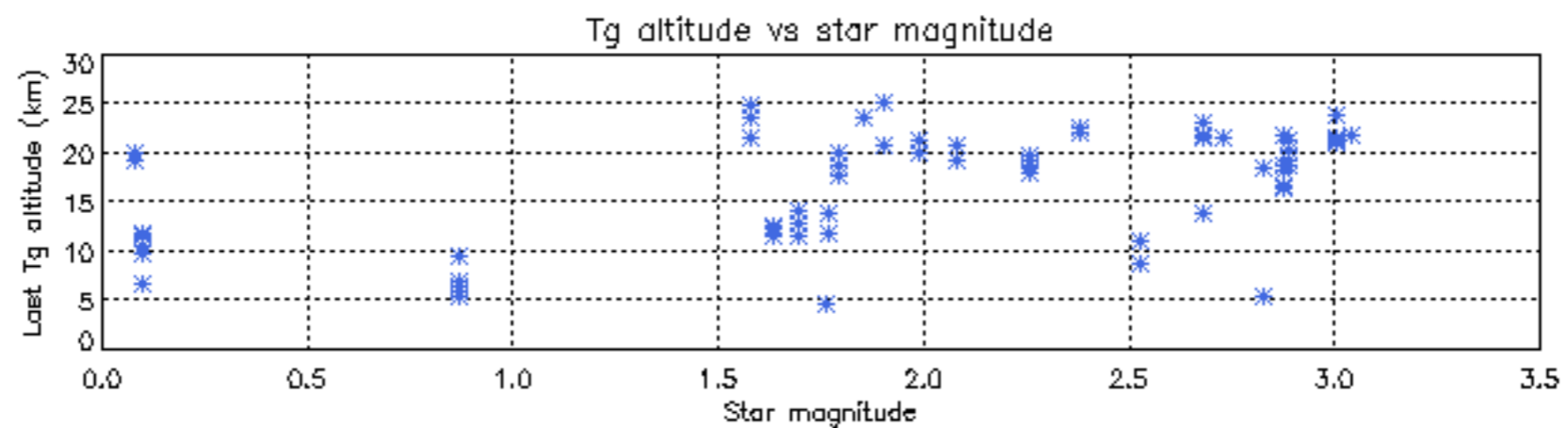
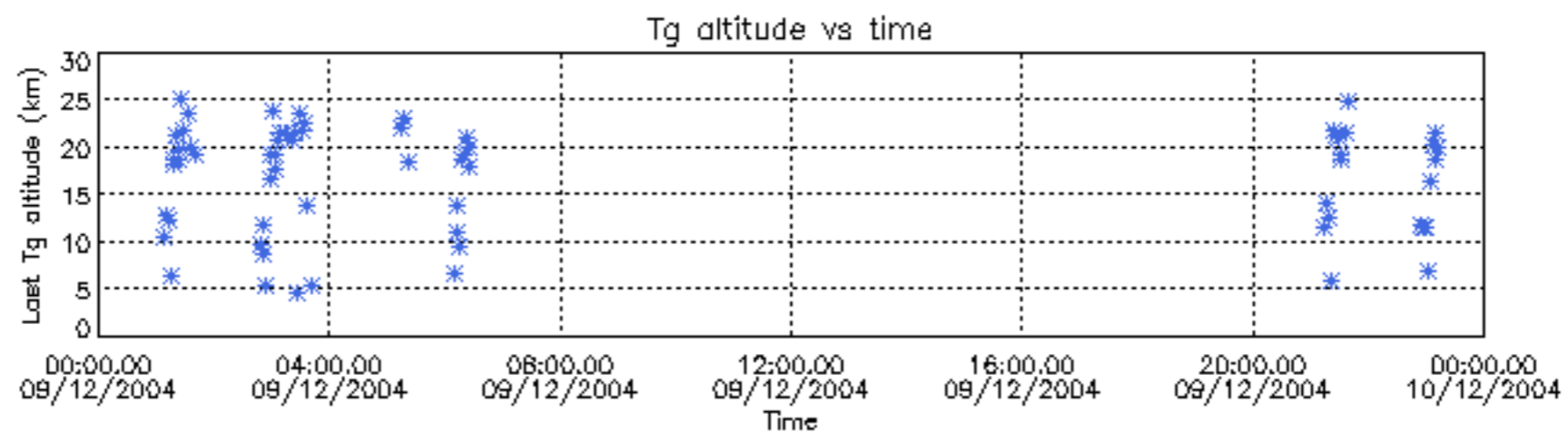
Percentage of saturation errors per profile



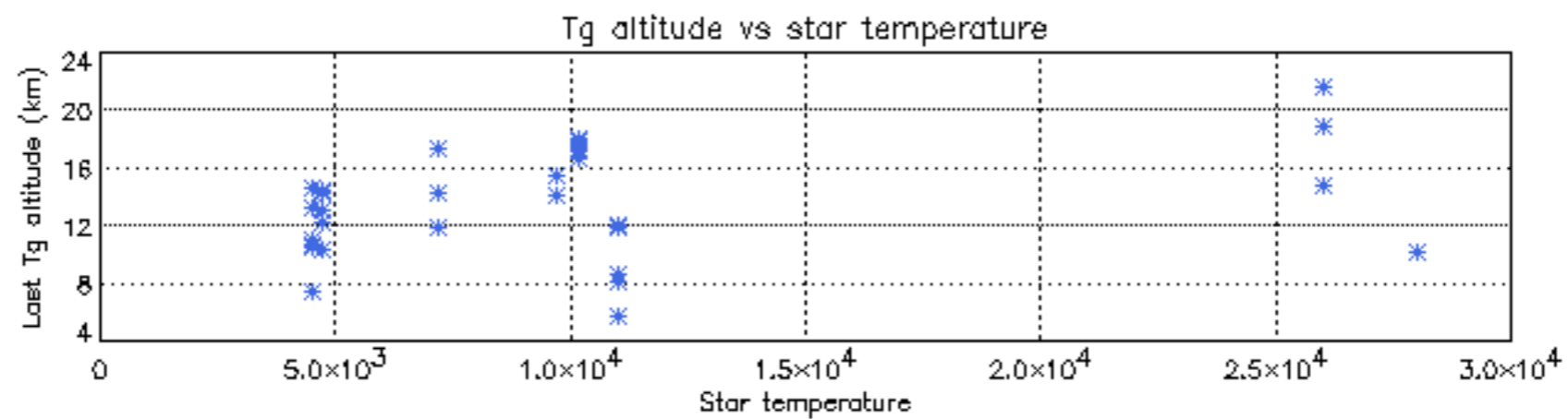
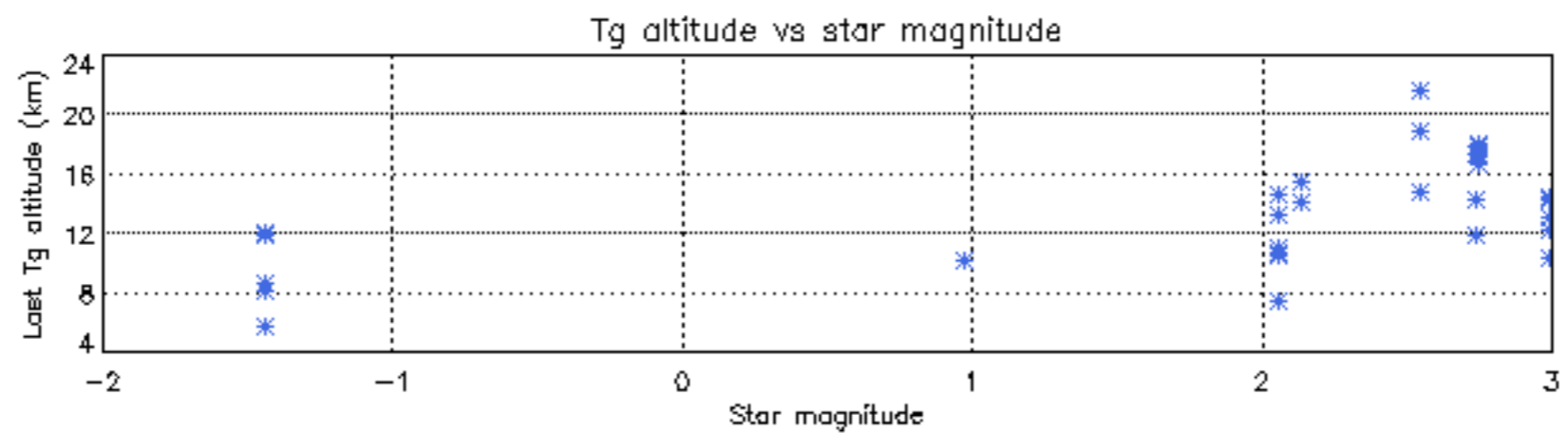
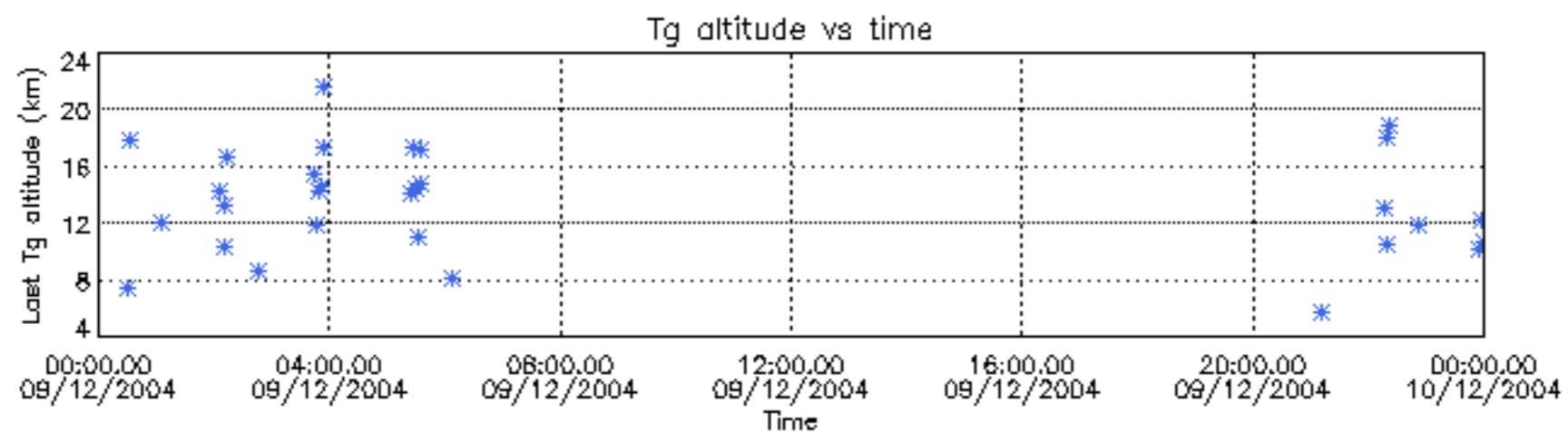
Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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14; 1749.7; 01-DEC-2004 01:58:39; Dark ; 68.0; 7; 19Bet Ori ; 0.10; 14000;occ; 136; 0;14400
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17; 1530.6; 01-DEC-2004 22:02:11; Dark ; 92.5; 1; 9Alp CMA ; -1.44; 11000;occ; 185; 0;14412
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22; 2323.7; 01-DEC-2004 22:15:25; Bright; 39.0; 146; 25Eta Tau ; 2.87; 15200;occ; 78; 0;14412
23; 2464.7; 01-DEC-2004 22:17:46; Bright; 41.0; 150; 44Zet Per ; 2.89; 28000;occ; 82; 0;14412
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34; 4313.6; 01-DEC-2004 22:48:34; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;14412
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4;	-280.6;	01-DEC-2004	23:12:36;	Dark	;	40.0;	95;	Zet Cen	;	2.55;	26000;occ;	80;	0;	14412
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11;	619.3;	01-DEC-2004	23:27:36;	Dark	;	51.5;	34;	Gam2Vel	;	1.79;	23000;occ;	103;	0;	14413
12;	814.2;	01-DEC-2004	23:30:51;	Dark	;	58.0;	2;	Alp Car	;	-0.74;	7000;occ;	116;	0;	14413
13;	929.6;	01-DEC-2004	23:32:46;	Dark	;	63.5;	117;	Pi Pup	;	2.71;	3800;occ;	127;	0;	14413
14;	1155.2;	01-DEC-2004	23:36:32;	Dark	;	73.0;	23;	21Eps CMA	;	1.50;	26000;occ;	146;	0;	14413
15;	1285.1;	01-DEC-2004	23:38:42;	Dark	;	74.0;	179;	240mi2CMA	;	3.03;	24000;occ;	148;	0;	14413
16;	1531.1;	01-DEC-2004	23:42:48;	Dark	;	92.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	184;	0;	14413
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21;	2323.4;	01-DEC-2004	23:56:00;	Bright;	;	42.0;	146;	25Eta Tau	;	2.87;	15200;occ;	84;	0;	14413
22;	2464.5;	01-DEC-2004	23:58:21;	Bright;	;	40.5;	150;	44Zet Per	;	2.89;	28000;occ;	81;	0;	14413
23;	2601.9;	02-DEC-2004	00:00:39;	Bright;	;	38.0;	79;	26Bet Per	;	2.31;	13100;occ;	76;	0;	14413
24;	2731.8;	02-DEC-2004	00:02:48;	Bright;	;	38.5;	175;	39Del Per	;	3.01;	19400;occ;	77;	0;	14413
25;	2815.2;	02-DEC-2004	00:04:12;	Bright;	;	37.0;	160;	23Gam Per	;	2.93;	4700;occ;	74;	0;	14413
26;	2959.4;	02-DEC-2004	00:06:36;	Bright;	;	38.0;	110;	37Del Cas	;	2.68;	8900;occ;	76;	0;	14413
27;	3419.1;	02-DEC-2004	00:14:16;	Bright;	;	36.5;	49;	1Alp UMi	;	1.99;	6300;occ;	73;	0;	14413
28;	3700.6;	02-DEC-2004	00:18:57;	Bright;	;	39.5;	60;	7Bet UMi	;	2.08;	3950;occ;	79;	0;	14413
29;	3813.5;	02-DEC-2004	00:20:50;	Bright;	;	45.5;	36;	50Alp UMA	;	1.80;	6300;occ;	91;	0;	14413
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32;	4138.2;	02-DEC-2004	00:26:15;	Bright;	;	39.5;	39;	85Eta UMA	;	1.85;	24000;occ;	79;	0;	14413
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15;	-2124.6;	01-DEC-2004	15:59:28;	Bright;	;	44.0;	82;	48Bet UMA	;	2.37;	10600;occ;	88;	0;	14408
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17;	-1898.6;	01-DEC-2004	16:03:14;	Bright;	;	54.0;	39;	85Eta UMA	;	1.85;	24000;occ;	108;	0;	14408
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9;	-3620.4;	22-DEC-2004	16:14:43;	Bright;	;	43.0;	28;	12Bet Tau	;	1.65;	15200;occ;	86;	0;	14709
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25; -868.4; 29-DEC-2004 18:21:03; Dark ; 87.0; 138; 47Eps Vir ; 2.83; 4700;occ; 174; 0;14810
26; -700.8; 29-DEC-2004 18:23:51; Dark ; 46.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 92; 0;14810
27; -516.0; 29-DEC-2004 18:26:55; Dark ; 67.5; 15; 67Alp Vir ; 0.98; 28000;occ; 135; 0;14810
28; -290.4; 29-DEC-2004 18:30:41; Dark ; 53.0; 54; 5The Cen ; 2.06; 4500;occ; 106; 0;14810
29; -205.9; 29-DEC-2004 18:32:05; Dark ; 42.5; 78; Alp Lup ; 2.30; 28000;occ; 85; 0;14810
30; -122.6; 29-DEC-2004 18:33:29; Dark ; 44.0; 95; Zet Cen ; 2.55; 26000;occ; 88; 0;14810
31; -11.4; 29-DEC-2004 18:35:20; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;14810
32; 213.8; 29-DEC-2004 18:39:05; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;14811
33; 391.4; 29-DEC-2004 18:42:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14811
34; 535.4; 29-DEC-2004 18:44:27; Dark ; 40.5; 29; Bet Car ; 1.67; 10200;occ; 81; 0;14811
35; 614.1; 29-DEC-2004 18:45:45; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;14811
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37; 822.8; 29-DEC-2004 18:49:14; Dark ; 27.5; 65; Lam Vel ; 2.20; 4400;occ; 55; 0;14811
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9;-4025.0; 29-DEC-2004 19:09:02; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;14811
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13;-3565.1; 29-DEC-2004 19:16:42; Bright; 39.5; 114; 3Iot Aur ; 2.69; 4600;occ; 79; 0;14811

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21;	-1995.3;	29-DEC-2004	19:42:52;	Bright;	36.5;	130;	23Bet Dra	;	2.80;	5800;occ;	73;	0;	14811	
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23;	-1469.6;	29-DEC-2004	19:51:38;	Bright;	60.0;	83;		;	2.38;	11000;occ;	120;	0;	14811	
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29;	-205.3;	29-DEC-2004	20:12:42;	Dark	;	39.5;	78;	Alp Lup	;	2.30;	28000;occ;	79;	0;	14811
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31;	-10.5;	29-DEC-2004	20:15:57;	Dark	;	46.0;	4;	Alp1Cen	;	-0.01;	5800;occ;	92;	0;	14811
32;	214.5;	29-DEC-2004	20:19:42;	Dark	;	42.5;	12;	Alp1Cru	;	0.77;	30000;occ;	85;	0;	14812
33;	391.7;	29-DEC-2004	20:22:39;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14812
34;	535.7;	29-DEC-2004	20:25:03;	Dark	;	39.5;	29;	Bet Car	;	1.67;	10200;occ;	79;	0;	14812
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8;	214.6;	30-DEC-2004	01:21:30;	Dark	;	43.0;	12;	Alp1Cru	;	0.77;	30000;occ;	86;	0;	14815
9;	392.7;	30-DEC-2004	01:24:28;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14815
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12;	712.2;	30-DEC-2004	01:29:47;	Dark	;	54.5;	41;	Eps Car	;	1.86;	4100;occ;	109;	0;	14815
13;	825.2;	30-DEC-2004	01:31:40;	Dark	;	58.0;	65;	Lam Vel	;	2.20;	4400;occ;	116;	0;	14815
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17;	1425.7;	30-DEC-2004	01:41:41;	Dark	;	49.0;	179;	240mi2CMa	;	3.03;	24000;occ;	98;	0;	14815
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21;	2010.9;	30-DEC-2004	01:51:26;	Dark	;	46.5;	27;	24Gam Ori	;	1.64;	26000;occ;	93;	0;	14815
22;	2109.4;	30-DEC-2004	01:53:04;	Dark	;	78.5;	8;	10Alp CMi	;	0.40;	6500;occ;	157;	0;	14815
23;	2236.6;	30-DEC-2004	01:55:12;	Dark	;	59.0;	44;	24Gam Gem	;	1.93;	11000;occ;	118;	0;	14815
24;	2333.9;	30-DEC-2004	01:56:49;	Bright;	47.5;	151;	13Mu Gem	;	2.89;	3000;occ;	95;	0;	14815	
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26;	2571.3;	30-DEC-2004	02:00:46;	Bright;	41.0;	107;	37The Aur	;	2.65;	11000;occ;	82;	0;	14815	
27;	2693.0;	30-DEC-2004	02:02:48;	Bright;	43.5;	6;	13Alp Aur	;	0.08;	3400;occ;	87;	0;	14815	
28;	2791.1;	30-DEC-2004	02:04:26;	Bright;	38.5;	35;	33Alp Per	;	1.79;	6250;occ;	77;	0;	14815	
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30;	3421.0;	30-DEC-2004	02:14:56;	Bright;	35.5;	49;	1Alp UMi	;	1.99;	6300;occ;	71;	0;	14815	
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13;	-9.9;	30-DEC-2004	02:58:21;	Dark	;	47.0;	4;	Alp1Cen	;	-0.01;	5800;occ;	94;	0;	14815

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15;	393.1;	30-DEC-2004	03:05:04;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14816
16;	536.2;	30-DEC-2004	03:07:27;	Dark	;	40.5;	29;	Bet Car	;	1.67;	10200;occ;	81;	0;	14816
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23;	1424.1;	30-DEC-2004	03:22:15;	Dark	;	50.5;	179;	240mi2CMA	;	3.03;	24000;occ;	101;	0;	14816
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27;	2010.3;	30-DEC-2004	03:32:01;	Dark	;	45.0;	27;	24Gam Ori	;	1.64;	26000;occ;	90;	0;	14816
28;	2108.1;	30-DEC-2004	03:33:39;	Dark	;	88.0;	8;	10Alp CMI	;	0.40;	6500;occ;	176;	0;	14816
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31;	2469.7;	30-DEC-2004	03:39:40;	Bright;	;	38.5;	114;	3Iot Aur	;	2.69;	4600;occ;	77;	0;	14816
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9;	-508.6;	30-DEC-2004	04:30:38;	Dark	;	65.0;	15;	67Alp Vir	;	0.98;	28000;occ;	130;	0;	14816
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