

# GOMOS Daily Report 21-SEP-2011

## Level 0 and Level 1 products

### SUMMARY

#### [1. General Info](#)

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

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

#### [3. Plot of Spectrometers and Photometers temperatures](#)

#### [4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

#### [5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

#### [6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

#### [7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

## [Level 2 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	27SEP2011 07:01:51
Data source version	GOMOS/6.01
Start time of products	21SEP2011 00:06:49
Stop time of products	21SEP2011 21:02:24
Store outputs in DB	Yes
Nb of level 1b prods	102
Nb of prods with errors	2

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

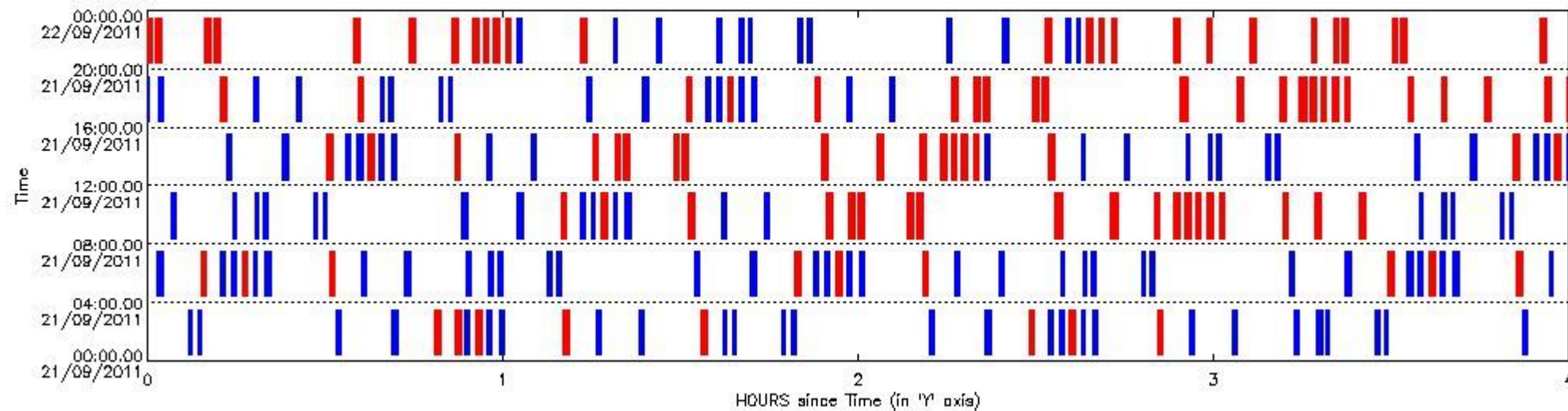
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
21-SEP-2011 00:48:28	15RhoPup	132	49987
21-SEP-2011 00:51:44	25DelCMa	37	49987
21-SEP-2011 00:55:23	DSA1055	0	49987
21-SEP-2011 01:10:10	AlpEri	9	49988
21-SEP-2011 01:33:28	54AlpPeg	90	49988
21-SEP-2011 02:28:43	15RhoPup	132	49988
21-SEP-2011 02:35:37	DSA1055	0	49988
21-SEP-2011 02:50:24	AlpEri	9	49989
21-SEP-2011 04:08:57	15RhoPup	132	49989
21-SEP-2011 04:15:52	DSA1055	0	49989
21-SEP-2011 04:30:38	AlpEri	9	49990
21-SEP-2011 05:49:12	15RhoPup	132	49990
21-SEP-2011 05:56:06	DSA1055	0	49990
21-SEP-2011 06:10:53	AlpEri	9	49991
21-SEP-2011 07:29:26	15RhoPup	132	49991

21-SEP-2011 07:36:21	DSA1055	0	49991
21-SEP-2011 07:51:07	AlpEri	9	49992
21-SEP-2011 09:09:41	15RhoPup	132	49992
21-SEP-2011 09:16:36	DSA1055	0	49992
21-SEP-2011 09:31:22	AlpEri	9	49993
21-SEP-2011 09:54:37	54AlpPeg	90	49993
21-SEP-2011 09:58:22	53BetPeg	93	49993
21-SEP-2011 09:59:49	21AlpAnd	58	49993
21-SEP-2011 10:08:14	11BetCas	74	49993
21-SEP-2011 10:09:50	27GamCas	76	49993
21-SEP-2011 10:33:13	66AlpGem	24	49993
21-SEP-2011 10:42:36	10AlpCMi	8	49993
21-SEP-2011 10:49:55	15RhoPup	132	49993
21-SEP-2011 10:53:14	25DelCma	37	49993
21-SEP-2011 10:55:06	PiPup	117	49993
21-SEP-2011 10:56:50	DSA1055	0	49993
21-SEP-2011 10:58:51	TauPup	161	49993
21-SEP-2011 11:00:56	AlpCol	108	49994
21-SEP-2011 11:11:36	AlpEri	9	49994
21-SEP-2011 11:17:09	AlpPhe	84	49994
21-SEP-2011 11:24:25	16BetCet	52	49994
21-SEP-2011 12:30:10	15RhoPup	132	49994
21-SEP-2011 12:37:05	DSA1055	0	49994
21-SEP-2011 12:51:51	AlpEri	9	49995
21-SEP-2011 13:15:05	54AlpPeg	90	49995
21-SEP-2011 13:18:49	53BetPeg	93	49995
21-SEP-2011 13:20:16	21AlpAnd	58	49995
21-SEP-2011 13:28:42	11BetCas	74	49995
21-SEP-2011 13:30:17	27GamCas	76	49995
21-SEP-2011 13:53:41	66AlpGem	24	49995
21-SEP-2011 14:03:05	10AlpCMi	8	49995
21-SEP-2011 14:10:25	15RhoPup	132	49995
21-SEP-2011 14:13:44	25DelCma	37	49995
21-SEP-2011 14:15:36	PiPup	117	49995
21-SEP-2011 14:17:19	DSA1055	0	49995
21-SEP-2011 14:19:20	TauPup	161	49995
21-SEP-2011 14:32:05	AlpEri	9	49996
21-SEP-2011 15:50:39	15RhoPup	132	49996
21-SEP-2011 15:57:34	DSA1055	0	49996
21-SEP-2011 16:12:19	AlpEri	9	49997
21-SEP-2011 16:35:33	54AlpPeg	90	49997
21-SEP-2011 17:30:54	15RhoPup	132	49997
21-SEP-2011 17:37:49	DSA1055	0	49997
21-SEP-2011 17:52:34	AlpEri	9	49998
21-SEP-2011 18:15:47	54AlpPeg	90	49998
21-SEP-2011 18:19:31	53BetPeg	93	49998
21-SEP-2011 18:20:56	21AlpAnd	58	49998
21-SEP-2011 18:29:23	11BetCas	74	49998
21-SEP-2011 18:30:58	27GamCas	76	49998
21-SEP-2011 18:54:23	66AlpGem	24	49998
21-SEP-2011 19:03:49	10AlpCMi	8	49998
21-SEP-2011 19:11:08	15RhoPup	132	49998
21-SEP-2011 19:14:29	25DelCma	37	49998
21-SEP-2011 19:16:20	PiPup	117	49998
21-SEP-2011 19:18:03	DSA1055	0	49998
21-SEP-2011 19:20:04	TauPup	161	49998
21-SEP-2011 19:22:13	AlpCol	108	49999
21-SEP-2011 19:32:48	AlpEri	9	49999
21-SEP-2011 19:38:21	AlpPhe	84	49999

21-SEP-2011 19:45:36	16BetCet	52	49999
21-SEP-2011 19:56:00	54AlpPeg	90	49999
21-SEP-2011 19:59:45	53BetPeg	93	49999
21-SEP-2011 20:01:10	21AlpAnd	58	49999
21-SEP-2011 20:09:36	11BetCas	74	49999
21-SEP-2011 20:11:11	27GamCas	76	49999
21-SEP-2011 20:34:37	66AlpGem	24	49999
21-SEP-2011 20:44:04	10AlpCMi	8	49999
21-SEP-2011 20:51:23	15RhoPup	132	49999
21-SEP-2011 20:54:44	25DelCMa	37	49999
21-SEP-2011 20:56:35	PiPup	117	49999
21-SEP-2011 20:58:18	DSA1055	0	49999
21-SEP-2011 21:00:19	TauPup	161	49999
21-SEP-2011 21:13:03	AlpEri	9	50000
21-SEP-2011 22:31:37	15RhoPup	132	50000
21-SEP-2011 22:38:32	DSA1055	0	50000
21-SEP-2011 22:40:34	TauPup	161	50000
21-SEP-2011 22:42:43	AlpCol	108	50001
21-SEP-2011 22:53:17	AlpEri	9	50001
21-SEP-2011 22:58:50	AlpPhe	84	50001
21-SEP-2011 23:06:04	16BetCet	52	50001
21-SEP-2011 23:16:28	54AlpPeg	90	50001
21-SEP-2011 23:20:12	53BetPeg	93	50001
21-SEP-2011 23:21:37	21AlpAnd	58	50001
21-SEP-2011 23:30:03	11BetCas	74	50001
21-SEP-2011 23:31:38	27GamCas	76	50001
21-SEP-2011 23:55:05	66AlpGem	24	50001

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

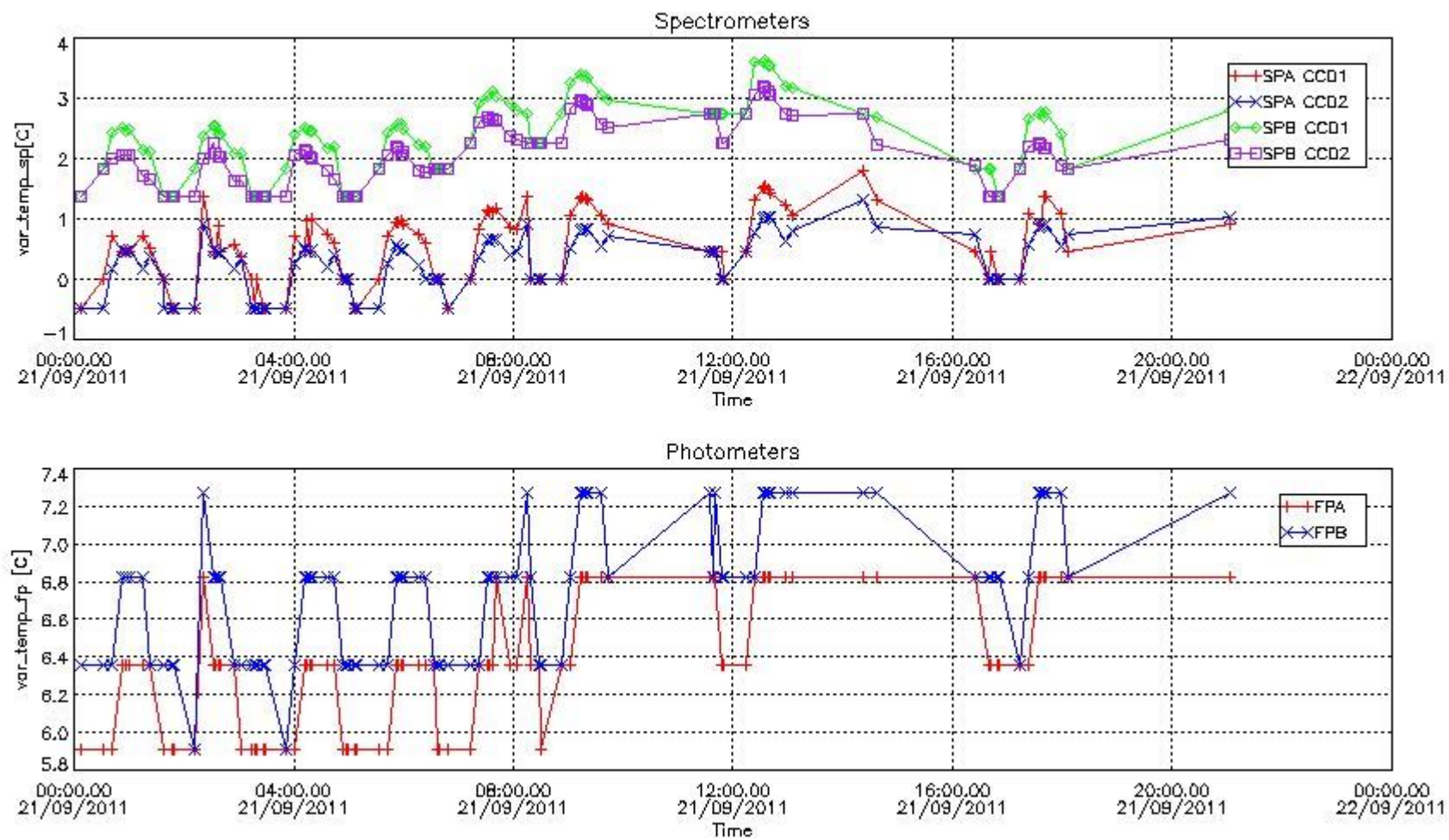
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110921_000649_000000403106_00404_49987_9425.N1	21-SEP-2011 00:06:49	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	49987	No
2	GOM_TRA_1PNPDE20110921_000826_000000393106_00404_49987_9426.N1	21-SEP-2011 00:08:26	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	49987	No
3	GOM_TRA_1PNPDE20110921_003144_000000473106_00404_49987_9427.N1	21-SEP-2011 00:31:44	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	49987	No
4	GOM_TRA_1PNPDE20110921_004103_000000643106_00404_49987_9428.N1	21-SEP-2011 00:41:03	Dark	63.500	8	10Alp CMi	0.40000	6500.0	127	49987	No
5	GOM_TRA_1PNPDE20110921_005334_000000493106_00404_49987_9488.N1	21-SEP-2011 00:53:34	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	49987	No
6	GOM_TRA_1PNPDE20110921_005719_000000493106_00404_49987_9489.N1	21-SEP-2011 00:57:19	Dark	48.500	161	Tau Pup	2.9310	4500.0	97	49987	No
7	GOM_TRA_1PNPDE20110921_005920_000000513106_00405_49988_9490.N1	21-SEP-2011 00:59:20	Dark	51.000	108	Alp Col	2.6520	15200.	102	49988	No
8	GOM_TRA_1PNPDE20110921_011539_000000443106_00405_49988_9491.N1	21-SEP-2011 01:15:39	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	49988	No
9	GOM_TRA_1PNPDE20110921_012256_000000553106_00405_49988_9492.N1	21-SEP-2011 01:22:56	Twilight	54.500	52	16Bet Cet	2.0370	4500.0	109	49988	No
10	GOM_TRA_1PNPDE20110921_013708_000000393106_00405_49988_9493.N1	21-SEP-2011 01:37:08	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49988	No
11	GOM_TRA_1PNPDE20110921_013837_000000453106_00405_49988_9494.N1	21-SEP-2011 01:38:37	Bright	45.000	58	21Alp And	2.0730	11000.	90	49988	No
12	GOM_TRA_1PNPDE20110921_014702_000000403106_00405_49988_9495.N1	21-SEP-2011 01:47:02	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49988	No
13	GOM_TRA_1PNPDE20110921_014839_000000423106_00405_49988_9496.N1	21-SEP-2011 01:48:39	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49988	No
14	GOM_TRA_1PNPDE20110921_021158_000000473106_00405_49988_9497.N1	21-SEP-2011 02:11:58	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	49988	No
15	GOM_TRA_1PNPDE20110921_022118_000000643106_00405_49988_9507.N1	21-SEP-2011 02:21:18	Dark	63.500	8	10Alp CMi	0.40000	6500.0	127	49988	Yes
16	GOM_TRA_1PNPDE20110921_023155_000000523106_00405_49988_9508.N1	21-SEP-2011 02:31:55	Dark	51.500	37	25Del CMa	1.8300	5900.0	103	49988	No
17	GOM_TRA_1PNPDE20110921_023348_000000543106_00405_49988_9509.N1	21-SEP-2011 02:33:48	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	49988	No
18	GOM_TRA_1PNPDE20110921_023734_000000423106_00405_49988_9510.N1	21-SEP-2011 02:37:34	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	49988	No
19	GOM_TRA_1PNPDE20110921_023935_000000533106_00406_49989_9511.N1	21-SEP-2011 02:39:35	Dark	52.500	108	Alp Col	2.6520	15200.	105	49989	No
20	GOM_TRA_1PNPDE20110921_025553_000000443106_00406_49989_9512.N1	21-SEP-2011 02:55:53	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	49989	No
21	GOM_TRA_1PNPDE20110921_030310_000000513106_00406_49989_9513.N1	21-SEP-2011 03:03:10	Twilight	51.000	52	16Bet Cet	2.0370	4500.0	102	49989	No
22	GOM_TRA_1PNPDE20110921_031337_000000393106_00406_49989_9514.N1	21-SEP-2011 03:13:37	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49989	No
23	GOM_TRA_1PNPDE20110921_031722_000000553106_00406_49989_9515.N1	21-SEP-2011 03:17:22	Bright	55.000	93	53Bet Peg	2.5200	3100.0	110	49989	No
24	GOM_TRA_1PNPDE20110921_031851_000000443106_00406_49989_9516.N1	21-SEP-2011 03:18:51	Bright	43.500	58	21Alp And	2.0730	11000.	87	49989	No
25	GOM_TRA_1PNPDE20110921_032716_000000413106_00406_49989_9517.N1	21-SEP-2011 03:27:16	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49989	No
26	GOM_TRA_1PNPDE20110921_032852_000000383106_00406_49989_9518.N1	21-SEP-2011 03:28:52	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	49989	No
27	GOM_TRA_1PNPDE20110921_035212_000000493106_00406_49989_9568.N1	21-SEP-2011 03:52:12	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	49989	No



28	GOM_TRA_1PNPDE20110921_040133_000000683106_00406_49989_9569.N1	21-SEP-2011 04:01:33	Dark	67.500	8	10Alp CMI	0.40000	6500.0	135	49989	No
29	GOM_TRA_1PNPDE20110921_041210_000000563106_00406_49989_9570.N1	21-SEP-2011 04:12:10	Dark	55.500	37	25Del CMA	1.8300	5900.0	111	49989	No
30	GOM_TRA_1PNPDE20110921_041403_000000503106_00406_49989_9571.N1	21-SEP-2011 04:14:03	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	49989	No
31	GOM_TRA_1PNPDE20110921_041748_000000413106_00406_49989_9572.N1	21-SEP-2011 04:17:48	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	49989	No
32	GOM_TRA_1PNPDE20110921_041950_000000573106_00407_49990_9573.N1	21-SEP-2011 04:19:50	Dark	56.500	108	Alp Col	2.6520	15200.	113	49990	No
33	GOM_TRA_1PNPDE20110921_043608_000000433106_00407_49990_9574.N1	21-SEP-2011 04:36:08	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49990	No
34	GOM_TRA_1PNPDE20110921_044324_000000563106_00407_49990_9575.N1	21-SEP-2011 04:43:24	Twilight_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49990	No
35	GOM_TRA_1PNPDE20110921_045351_000000383106_00407_49990_9576.N1	21-SEP-2011 04:53:51	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	49990	No
36	GOM_TRA_1PNPDE20110921_045736_000000393106_00407_49990_9577.N1	21-SEP-2011 04:57:36	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	49990	No
37	GOM_TRA_1PNPDE20110921_045904_000000433106_00407_49990_9578.N1	21-SEP-2011 04:59:04	Bright	42.500	58	21Alp And	2.0730	11000.	85	49990	No
38	GOM_TRA_1PNPDE20110921_050729_000000413106_00407_49990_9579.N1	21-SEP-2011 05:07:29	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49990	No
39	GOM_TRA_1PNPDE20110921_050906_000000423106_00407_49990_9580.N1	21-SEP-2011 05:09:06	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49990	No
40	GOM_TRA_1PNPDE20110921_053226_000000483106_00407_49990_9557.N1	21-SEP-2011 05:32:26	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49990	No
41	GOM_TRA_1PNPDE20110921_054148_000000633106_00407_49990_9558.N1	21-SEP-2011 05:41:48	Dark	63.000	8	10Alp CMI	0.40000	6500.0	126	49990	No
42	GOM_TRA_1PNPDE20110921_055225_000000543106_00407_49990_9559.N1	21-SEP-2011 05:52:25	Dark	54.000	37	25Del CMA	1.8300	5900.0	108	49990	No
43	GOM_TRA_1PNPDE20110921_055418_000000543106_00407_49990_9560.N1	21-SEP-2011 05:54:18	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	49990	No
44	GOM_TRA_1PNPDE20110921_055803_000000443106_00407_49990_9561.N1	21-SEP-2011 05:58:03	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	49990	No
45	GOM_TRA_1PNPDE20110921_060006_000000563106_00408_49991_9562.N1	21-SEP-2011 06:00:06	Dark	55.500	108	Alp Col	2.6520	15200.	111	49991	No
46	GOM_TRA_1PNPDE20110921_061622_000000433106_00408_49991_9563.N1	21-SEP-2011 06:16:22	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49991	No
47	GOM_TRA_1PNPDE20110921_062338_000000553106_00408_49991_9564.N1	21-SEP-2011 06:23:38	Twilight_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	49991	No
48	GOM_TRA_1PNPDE20110921_063405_000000393106_00408_49991_9565.N1	21-SEP-2011 06:34:05	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49991	No
49	GOM_TRA_1PNPDE20110921_063750_000000393106_00408_49991_9566.N1	21-SEP-2011 06:37:50	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49991	No
50	GOM_TRA_1PNPDE20110921_063918_000000433106_00408_49991_9567.N1	21-SEP-2011 06:39:18	Bright	43.000	58	21Alp And	2.0730	11000.	86	49991	No
51	GOM_TRA_1PNPDE20110921_064743_000000413106_00408_49991_9568.N1	21-SEP-2011 06:47:43	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49991	No
52	GOM_TRA_1PNPDE20110921_064919_000000423106_00408_49991_9569.N1	21-SEP-2011 06:49:19	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	49991	No
53	GOM_TRA_1PNPDK20110921_071240_000000493106_00408_49991_7980.N1	21-SEP-2011 07:12:40	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	49991	No
54	GOM_TRA_1PNPDK20110921_072202_000000683106_00408_49991_7981.N1	21-SEP-2011 07:22:02	Dark	68.000	8	10Alp CMI	0.40000	6500.0	136	49991	No
55	GOM_TRA_1PNPDK20110921_073240_000000543106_00408_49991_7982.N1	21-SEP-2011 07:32:40	Dark	54.000	37	25Del CMA	1.8300	5900.0	108	49991	No
56	GOM_TRA_1PNPDK20110921_073433_000000493106_00408_49991_7983.N1	21-SEP-2011 07:34:33	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	49991	No
57	GOM_TRA_1PNPDK20110921_073818_000000423106_00408_49991_7984.N1	21-SEP-2011 07:38:18	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	49991	No
58	GOM_TRA_1PNPDK20110921_074021_000000573106_00409_49992_7985.N1	21-SEP-2011 07:40:21	Dark	57.000	108	Alp Col	2.6520	15200.	114	49992	No
59	GOM_TRA_1PNPDK20110921_075637_000000433106_00409_49992_7986.N1	21-SEP-2011 07:56:37	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49992	No
60	GOM_TRA_1PNPDK20110921_080353_000000513106_00409_49992_7987.N1	21-SEP-2011 08:03:53	Twilight_stray	50.500	52	16Bet Cet	2.0370	4500.0	101	49992	No
61	GOM_TRA_1PNPDK20110921_081419_000000393106_00409_49992_8016.N1	21-SEP-2011 08:14:19	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49992	No
62	GOM_TRA_1PNPDK20110921_081804_000000373106_00409_49992_8017.N1	21-SEP-2011 08:18:04	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	49992	No
63	GOM_TRA_1PNPDK20110921_081931_000000453106_00409_49992_8018.N1	21-SEP-2011 08:19:31	Bright	44.500	58	21Alp And	2.0730	11000.	89	49992	No
64	GOM_TRA_1PNPDK20110921_082757_000000413106_00409_49992_8019.N1	21-SEP-2011 08:27:57	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49992	No
65	GOM_TRA_1PNPDK20110921_082933_000000423106_00409_49992_8020.N1	21-SEP-2011 08:29:33	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	49992	No
66	GOM_TRA_1PNPDK20110921_085254_000000683106_00409_49992_8021.N1	21-SEP-2011 08:52:54	Bright	68.000	24	66Alp Gem	1.5800	10200.	136	49992	No
67	GOM_TRA_1PNPDK20110921_090217_000000683106_00409_49992_8022.N1	21-SEP-2011 09:02:17	Dark	67.500	8	10Alp CMI	0.40000	6500.0	135	49992	No
68	GOM_TRA_1PNPDK20110921_091255_000000533106_00409_49992_8023.N1	21-SEP-2011 09:12:55	Dark	52.500	37	25Del CMA	1.8300	5900.0	105	49992	No
69	GOM_TRA_1PNPDK20110921_091447_000000443106_00409_49992_8024.N1	21-SEP-2011 09:14:47	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	49992	No
70	GOM_TRA_1PNPDK20110921_091832_000000433106_00409_49992_8025.N1	21-SEP-2011 09:18:32	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	49992	No
71	GOM_TRA_1PNPDK20110921_092036_000000553106_00410_49993_8026.N1	21-SEP-2011 09:20:36	Dark	54.500	108	Alp Col	2.6520	15200.	109	49993	No
72	GOM_TRA_1PNPDK20110921_093651_000000443106_00410_49993_8027.N1	21-SEP-2011 09:36:51	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	49993	No
73	GOM_TRA_1PNPDK20110921_094407_000000523106_00410_49993_8028.N1	21-SEP-2011 09:44:07	Twilight_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	49993	No
74	GOM_TRA_1PNPDK20110921_113447_000000383106_00411_49994_8394.N1	21-SEP-2011 11:34:47	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	49994	No
75	GOM_TRA_1PNPDK20110921_113831_000000403106_00411_49994_8395.N1	21-SEP-2011 11:38:31	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	49994	No
76	GOM_TRA_1PNPDK20110921_113958_000000443106_00411_49994_8396.N1	21-SEP-2011 11:39:58	Bright	43.500	58	21Alp And	2.0730	11000.	87	49994	No
77	GOM_TRA_1PNPDK20110921_114824_000000403106_00411_49994_8397.N1	21-SEP-2011 11:48:24	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49994	No
78	GOM_TRA_1PNPDK20110921_115000_000000413106_00411_49994_8398.N1	21-SEP-2011 11:50:00	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	49994	No
79	GOM_TRA_1PNPDK20110921_121322_000000493106_00411_49994_8399.N1	21-SEP-2011 12:13:22	Bright	49.000	24	66Alp Gem	1.5800	10200.	98	49994	No
80	GOM_TRA_1PNPDK20110921_122246_000000593106_00411_49994_8400.N1	21-SEP-2011 12:22:46	Dark	59.000	8	10Alp CMI	0.40000	6500.0	118	49994	No
81	GOM_TRA_1PNPDK20110921_123324_000000543106_00411_49994_8401.N1	21-SEP-2011 12:33:24	Dark	54.000	37	25Del CMA	1.8300	5900.0	108	49994	No
82	GOM_TRA_1PNPDK20110921_123517_000000583106_00411_49994_8402.N1	21-SEP-2011 12:35:17	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	49994	No
83	GOM_TRA_1PNPDK20110921_123901_000000433106_00411_49994_8403.N1	21-SEP-2011 12:39:01	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	49994	No
84	GOM_TRA_1PNPDK20110921_124107_000000563106_00412_49995_8404.N1	21-SEP-2011 12:41:07	Dark	56.000	108	Alp Col	2.6520	15200.	112	49995	No
85	GOM_TRA_1PNPDK20110921_125719_000000443106_00412_49995_8405.N1	21-SEP-2011 12:57:19	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	49995	No
86	GOM_TRA_1PNPDK20110921_130435_000000543106_00412_49995_8159.N1	21-SEP-2011 13:04:35	Twilight_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	49995	Yes

87	GOM_TRA_1PNPDK20110921_142122_000000523106_00413_49996_8160.N1	21-SEP-2011 14:21:22	Dark	52.000	108	Alp Col	2.6520	15200.	104	49996	No
88	GOM_TRA_1PNPDK20110921_143734_000000443106_00413_49996_8161.N1	21-SEP-2011 14:37:34	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	49996	No
89	GOM_TRA_1PNPDK20110921_162503_000000533106_00414_49997_8348.N1	21-SEP-2011 16:25:03	Twilight_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	49997	No
90	GOM_TRA_1PNPDK20110921_163913_000000413106_00414_49997_8349.N1	21-SEP-2011 16:39:13	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49997	No
91	GOM_TRA_1PNPDK20110921_164039_000000443106_00414_49997_8350.N1	21-SEP-2011 16:40:39	Bright	44.000	58	21Alp And	2.0730	11000.	88	49997	No
92	GOM_TRA_1PNPDK20110921_164905_000000403106_00414_49997_8351.N1	21-SEP-2011 16:49:05	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49997	No
93	GOM_TRA_1PNPDK20110921_165040_000000423106_00414_49997_8352.N1	21-SEP-2011 16:50:40	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	49997	No
94	GOM_TRA_1PNPDK20110921_171405_000000493106_00414_49997_8353.N1	21-SEP-2011 17:14:05	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	49997	No
95	GOM_TRA_1PNPDK20110921_172330_000000633106_00414_49997_8354.N1	21-SEP-2011 17:23:30	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	49997	No
96	GOM_TRA_1PNPDK20110921_173409_000000493106_00414_49997_8355.N1	21-SEP-2011 17:34:09	Dark	49.000	37	25Del CMa	1.8300	5900.0	98	49997	No
97	GOM_TRA_1PNPDK20110921_173601_000000573106_00414_49997_8356.N1	21-SEP-2011 17:36:01	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	49997	No
98	GOM_TRA_1PNPDK20110921_173945_000000493106_00414_49997_8357.N1	21-SEP-2011 17:39:45	Dark	49.000	161	Tau Pup	2.9310	4500.0	98	49997	No
99	GOM_TRA_1PNPDK20110921_174153_000000493106_00415_49998_8358.N1	21-SEP-2011 17:41:53	Dark	49.000	108	Alp Col	2.6520	15200.	98	49998	No
100	GOM_TRA_1PNPDK20110921_175802_000000443106_00415_49998_8257.N1	21-SEP-2011 17:58:02	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	49998	No
101	GOM_TRA_1PNPDK20110921_180517_000000523106_00415_49998_8258.N1	21-SEP-2011 18:05:17	Twilight_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	49998	No
102	GOM_TRA_1PNPDK20110921_210224_000000463106_00417_50000_8306.N1	21-SEP-2011 21:02:24	Dark	45.500	108	Alp Col	2.6520	15200.	91	50000	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:*

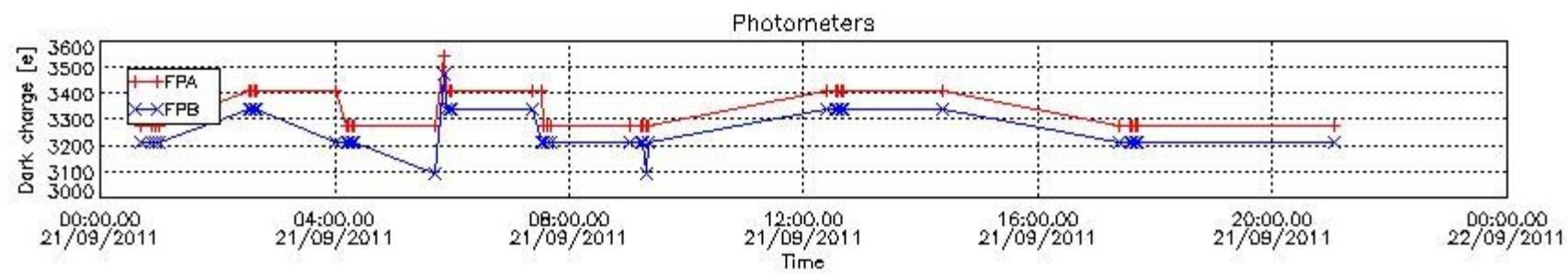
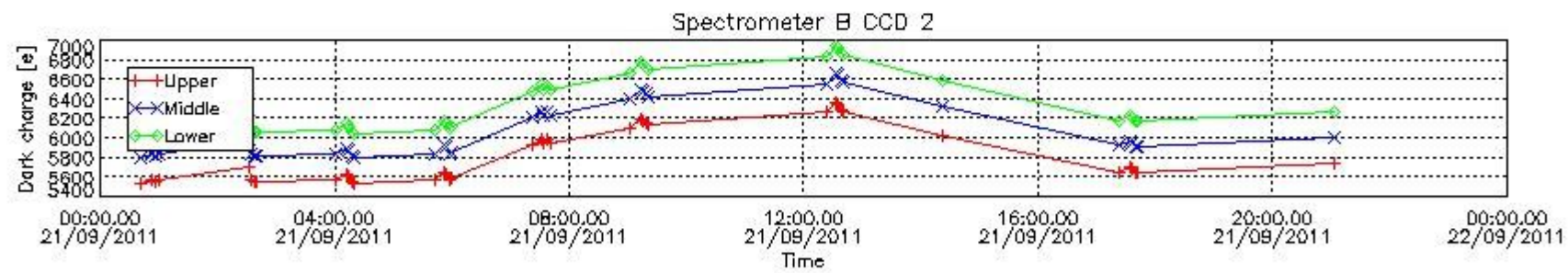
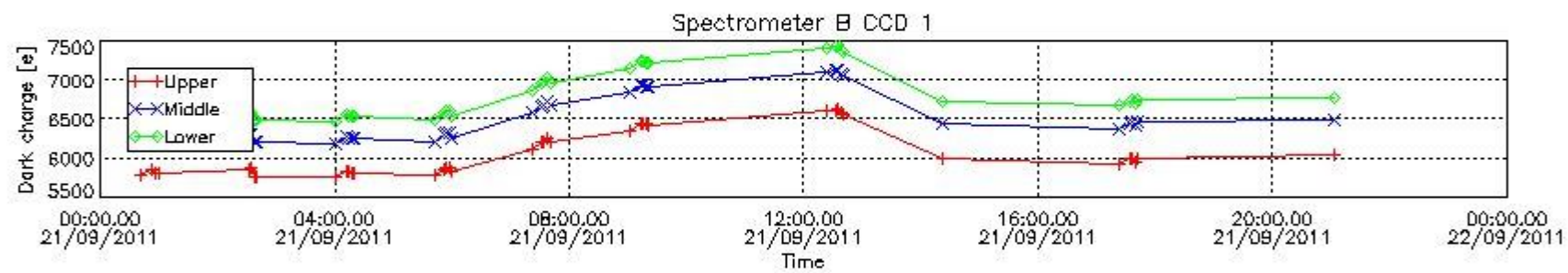
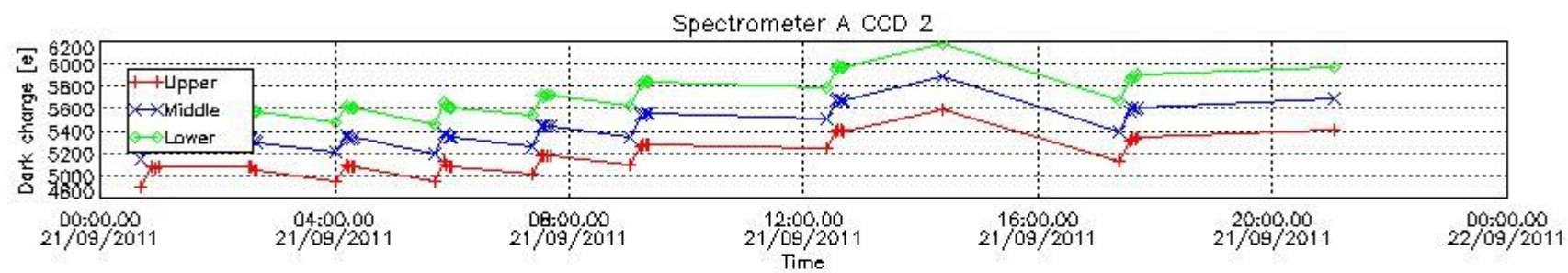
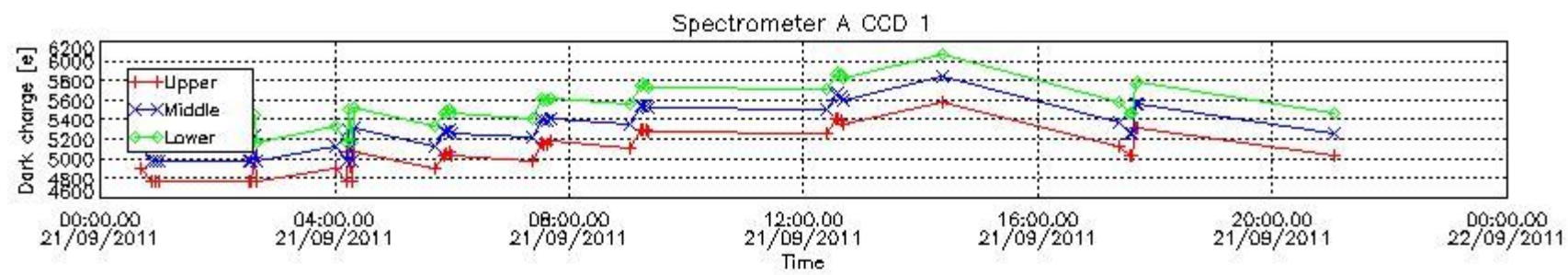
Product name	DC information
GOM_TRA_1PNPDE20110921_000649_000000403106_00404_49987_9425.N1	DC map used
GOM_TRA_1PNPDE20110921_000826_000000393106_00404_49987_9426.N1	DC map used
GOM_TRA_1PNPDE20110921_003144_000000473106_00404_49987_9427.N1	DC map used
GOM_TRA_1PNPDE20110921_004103_000000643106_00404_49987_9428.N1	DC map used
GOM_TRA_1PNPDE20110921_005334_000000493106_00404_49987_9488.N1	DC map used
GOM_TRA_1PNPDE20110921_005719_000000493106_00404_49987_9489.N1	DC map used
GOM_TRA_1PNPDE20110921_005920_000000513106_00405_49988_9490.N1	DC map used
GOM_TRA_1PNPDE20110921_011539_000000443106_00405_49988_9491.N1	DC map used
GOM_TRA_1PNPDE20110921_012256_000000553106_00405_49988_9492.N1	DC map used
GOM_TRA_1PNPDE20110921_013708_000000393106_00405_49988_9493.N1	DC map used
GOM_TRA_1PNPDE20110921_013837_000000453106_00405_49988_9494.N1	DC map used
GOM_TRA_1PNPDE20110921_014702_000000403106_00405_49988_9495.N1	DC map used
GOM_TRA_1PNPDE20110921_014839_000000423106_00405_49988_9496.N1	DC map used
GOM_TRA_1PNPDE20110921_021158_000000473106_00405_49988_9497.N1	DC map used
GOM_TRA_1PNPDE20110921_022118_000000643106_00405_49988_9507.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110921_023155_000000523106_00405_49988_9508.N1	DC map used
GOM_TRA_1PNPDE20110921_023348_000000543106_00405_49988_9509.N1	DC map used
GOM_TRA_1PNPDE20110921_023734_000000423106_00405_49988_9510.N1	DC map used
GOM_TRA_1PNPDE20110921_023935_000000533106_00406_49989_9511.N1	DC map used
GOM_TRA_1PNPDE20110921_025553_000000443106_00406_49989_9512.N1	DC map used
GOM_TRA_1PNPDE20110921_030310_000000513106_00406_49989_9513.N1	DC map used
GOM_TRA_1PNPDE20110921_031337_000000393106_00406_49989_9514.N1	DC map used
GOM_TRA_1PNPDE20110921_031722_000000553106_00406_49989_9515.N1	DC map used
GOM_TRA_1PNPDE20110921_031851_000000443106_00406_49989_9516.N1	DC map used
GOM_TRA_1PNPDE20110921_032716_000000413106_00406_49989_9517.N1	DC map used
GOM_TRA_1PNPDE20110921_032852_000000383106_00406_49989_9518.N1	DC map used
GOM_TRA_1PNPDE20110921_035212_000000493106_00406_49989_9568.N1	DC map used
GOM_TRA_1PNPDE20110921_040133_000000683106_00406_49989_9569.N1	DC map used
GOM_TRA_1PNPDE20110921_041210_000000563106_00406_49989_9570.N1	DC map used
GOM_TRA_1PNPDE20110921_041403_000000503106_00406_49989_9571.N1	DC map used
GOM_TRA_1PNPDE20110921_041748_000000413106_00406_49989_9572.N1	DC map used
GOM_TRA_1PNPDE20110921_041950_000000573106_00407_49990_9573.N1	DC map used
GOM_TRA_1PNPDE20110921_043608_000000433106_00407_49990_9574.N1	DC map used
GOM_TRA_1PNPDE20110921_044324_000000563106_00407_49990_9575.N1	DC map used
GOM_TRA_1PNPDE20110921_045351_000000383106_00407_49990_9576.N1	DC map used
GOM_TRA_1PNPDE20110921_045736_000000393106_00407_49990_9577.N1	DC map used
GOM_TRA_1PNPDE20110921_045904_000000433106_00407_49990_9578.N1	DC map used
GOM_TRA_1PNPDE20110921_050729_000000413106_00407_49990_9579.N1	DC map used
GOM_TRA_1PNPDE20110921_050906_000000423106_00407_49990_9580.N1	DC map used
GOM_TRA_1PNPDE20110921_053226_000000483106_00407_49990_9557.N1	DC map used
GOM_TRA_1PNPDE20110921_054148_000000633106_00407_49990_9558.N1	DC map used
GOM_TRA_1PNPDE20110921_055225_000000543106_00407_49990_9559.N1	DC map used
GOM_TRA_1PNPDE20110921_055418_000000543106_00407_49990_9560.N1	DC map used
GOM_TRA_1PNPDE20110921_055803_000000443106_00407_49990_9561.N1	DC map used
GOM_TRA_1PNPDE20110921_060006_000000563106_00408_49991_9562.N1	DC map used
GOM_TRA_1PNPDE20110921_061622_000000433106_00408_49991_9563.N1	DC map used
GOM_TRA_1PNPDE20110921_062338_000000553106_00408_49991_9564.N1	DC map used
GOM_TRA_1PNPDE20110921_063405_000000393106_00408_49991_9565.N1	DC map used
GOM_TRA_1PNPDE20110921_063750_000000393106_00408_49991_9566.N1	DC map used
GOM_TRA_1PNPDE20110921_063918_000000433106_00408_49991_9567.N1	DC map used
GOM_TRA_1PNPDE20110921_064743_000000413106_00408_49991_9568.N1	DC map used
GOM_TRA_1PNPDE20110921_064919_000000423106_00408_49991_9569.N1	DC map used
GOM_TRA_1PNPDK20110921_071240_000000493106_00408_49991_7980.N1	DC map used



GOM_TRA_1PNPDK20110921_072202_000000683106_00408_49991_7981.N1	DC map used
GOM_TRA_1PNPDK20110921_073240_000000543106_00408_49991_7982.N1	DC map used
GOM_TRA_1PNPDK20110921_073433_000000493106_00408_49991_7983.N1	DC map used
GOM_TRA_1PNPDK20110921_073818_000000423106_00408_49991_7984.N1	DC map used
GOM_TRA_1PNPDK20110921_074021_000000573106_00409_49992_7985.N1	DC map used
GOM_TRA_1PNPDK20110921_075637_000000433106_00409_49992_7986.N1	DC map used
GOM_TRA_1PNPDK20110921_080353_000000513106_00409_49992_7987.N1	DC map used
GOM_TRA_1PNPDK20110921_081419_000000393106_00409_49992_8016.N1	DC map with no T dep.
GOM_TRA_1PNPDK20110921_081804_000000373106_00409_49992_8017.N1	DC map used
GOM_TRA_1PNPDK20110921_081931_000000453106_00409_49992_8018.N1	DC map used
GOM_TRA_1PNPDK20110921_082757_000000413106_00409_49992_8019.N1	DC map used
GOM_TRA_1PNPDK20110921_082933_000000423106_00409_49992_8020.N1	DC map used
GOM_TRA_1PNPDK20110921_085254_000000683106_00409_49992_8021.N1	DC map used
GOM_TRA_1PNPDK20110921_090217_000000683106_00409_49992_8022.N1	DC map used
GOM_TRA_1PNPDK20110921_091255_000000533106_00409_49992_8023.N1	DC map used
GOM_TRA_1PNPDK20110921_091447_000000443106_00409_49992_8024.N1	DC map used
GOM_TRA_1PNPDK20110921_091832_000000433106_00409_49992_8025.N1	DC map used
GOM_TRA_1PNPDK20110921_092036_000000553106_00410_49993_8026.N1	DC map used
GOM_TRA_1PNPDK20110921_093651_000000443106_00410_49993_8027.N1	DC map used
GOM_TRA_1PNPDK20110921_094407_000000523106_00410_49993_8028.N1	DC map used
GOM_TRA_1PNPDK20110921_113447_000000383106_00411_49994_8394.N1	DC map used
GOM_TRA_1PNPDK20110921_113831_000000403106_00411_49994_8395.N1	DC map used
GOM_TRA_1PNPDK20110921_113958_000000443106_00411_49994_8396.N1	DC map used
GOM_TRA_1PNPDK20110921_114824_000000403106_00411_49994_8397.N1	DC map used
GOM_TRA_1PNPDK20110921_115000_000000413106_00411_49994_8398.N1	DC map used
GOM_TRA_1PNPDK20110921_121322_000000493106_00411_49994_8399.N1	DC map used
GOM_TRA_1PNPDK20110921_122246_000000593106_00411_49994_8400.N1	DC map used
GOM_TRA_1PNPDK20110921_123324_000000543106_00411_49994_8401.N1	DC map used
GOM_TRA_1PNPDK20110921_123517_000000583106_00411_49994_8402.N1	DC map used
GOM_TRA_1PNPDK20110921_123901_000000433106_00411_49994_8403.N1	DC map used
GOM_TRA_1PNPDK20110921_124107_000000563106_00412_49995_8404.N1	DC map used
GOM_TRA_1PNPDK20110921_125719_000000443106_00412_49995_8405.N1	DC map used
GOM_TRA_1PNPDK20110921_130435_000000543106_00412_49995_8159.N1	DC map with no T dep.
GOM_TRA_1PNPDK20110921_142122_000000523106_00413_49996_8160.N1	DC map used
GOM_TRA_1PNPDK20110921_143734_000000443106_00413_49996_8161.N1	DC map used
GOM_TRA_1PNPDK20110921_162503_000000533106_00414_49997_8348.N1	DC map used
GOM_TRA_1PNPDK20110921_163913_000000413106_00414_49997_8349.N1	DC map used
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GOM_TRA_1PNPDK20110921_171405_000000493106_00414_49997_8353.N1	DC map used
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GOM_TRA_1PNPDK20110921_173945_000000493106_00414_49997_8357.N1	DC map used
GOM_TRA_1PNPDK20110921_174153_000000493106_00415_49998_8358.N1	DC map used
GOM_TRA_1PNPDK20110921_175802_000000443106_00415_49998_8257.N1	DC map used
GOM_TRA_1PNPDK20110921_180517_000000523106_00415_49998_8258.N1	DC map used
GOM_TRA_1PNPDK20110921_210224_000000463106_00417_50000_8306.N1	DC map used

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





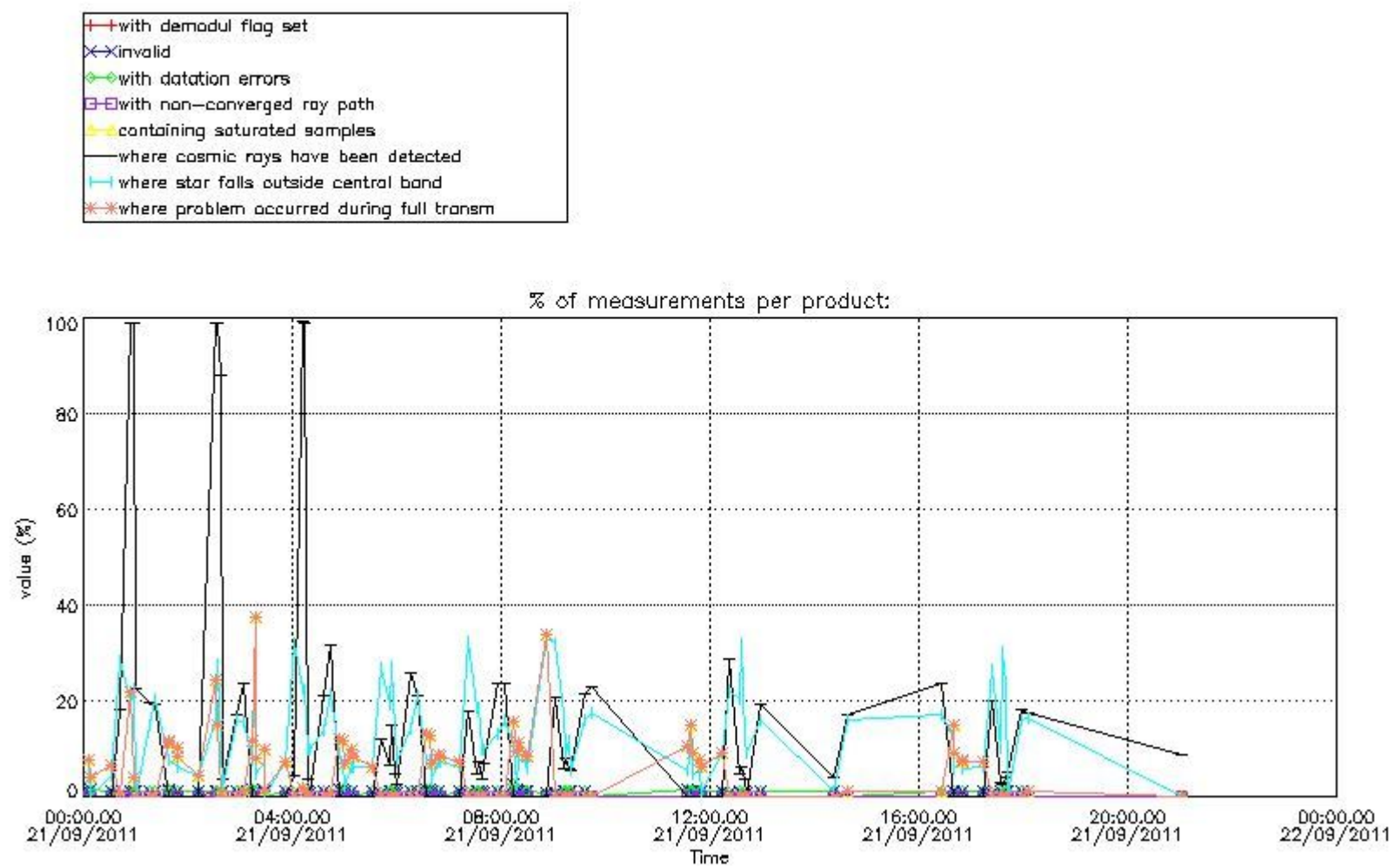
## 5. Demodulation flag and quality information monitoring

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:

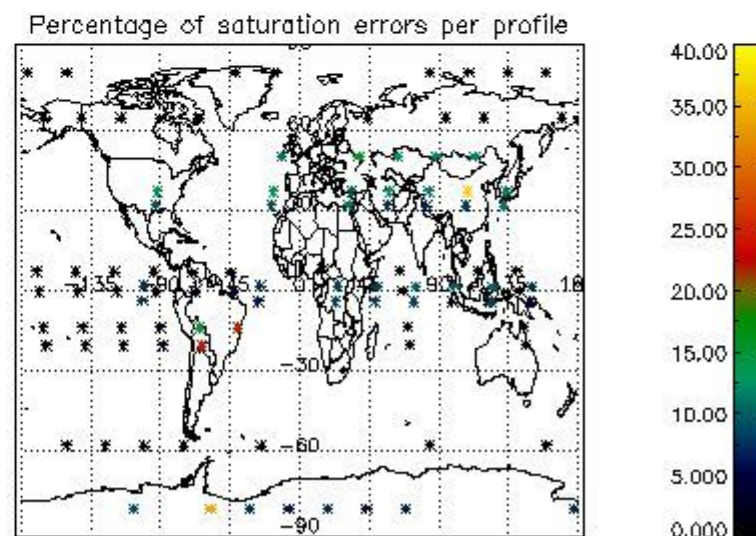
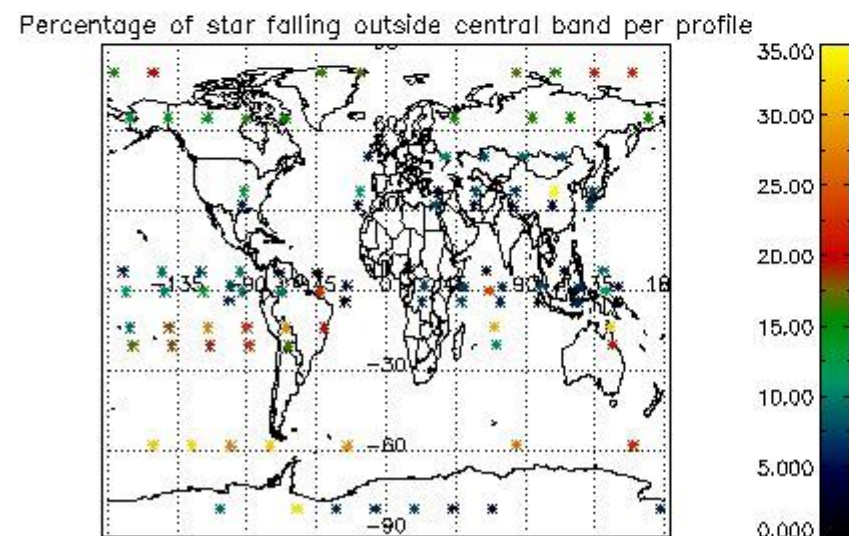
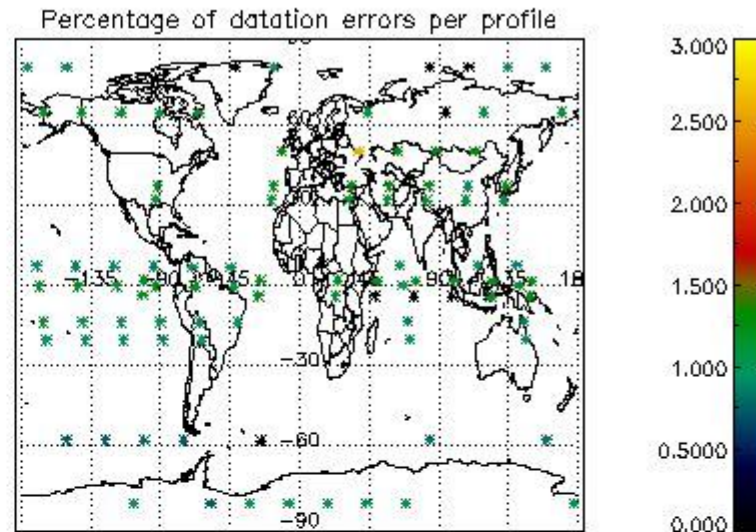
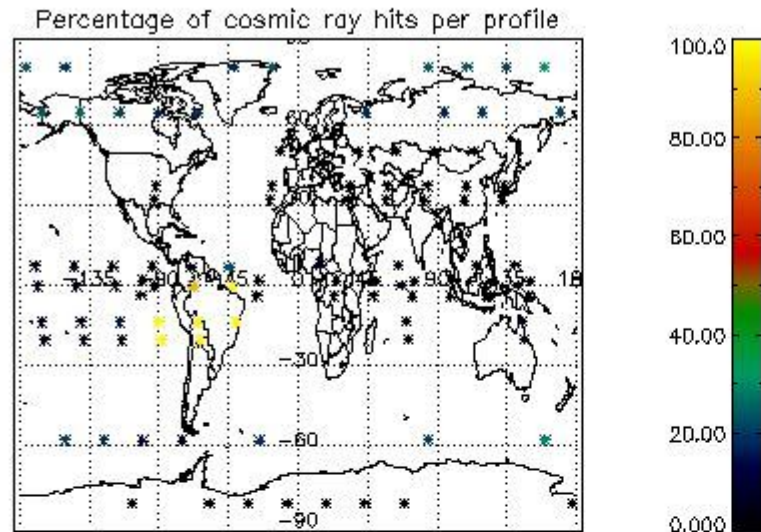
At least one measurement with demodulation flag set:	49.0000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	43.0000 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)





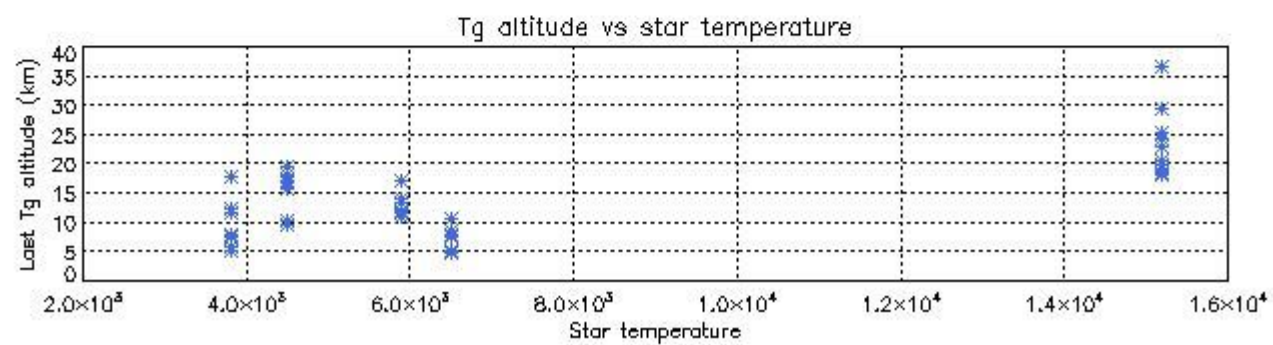
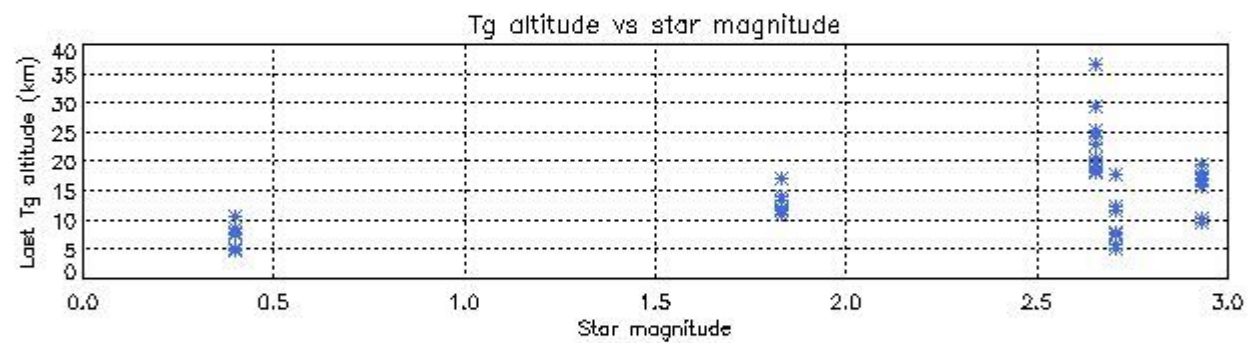
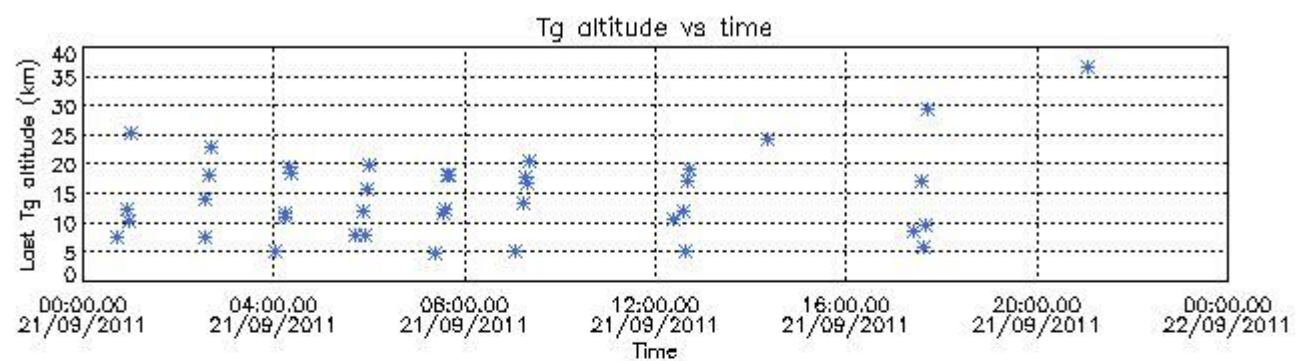
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.521	20.033	NaN
St. deviation:	7.0999	4.3007	NaN
Maximum:	36.721	30.802	NaN
Minimum:	4.9222	3.6658	NaN
Number of data:	40.000	43.000	NaN

### 6.2 Plot for DARK limb products

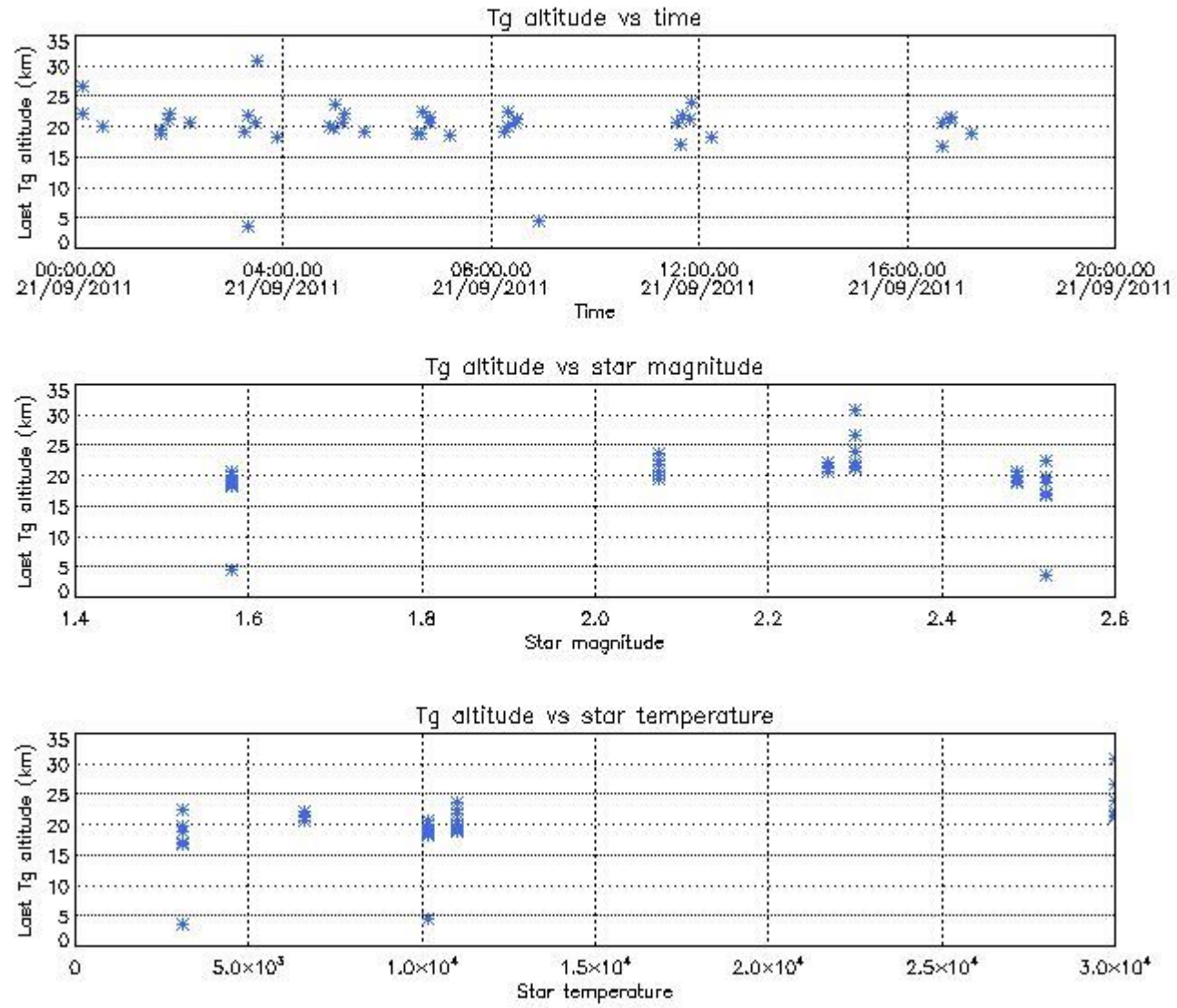
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost

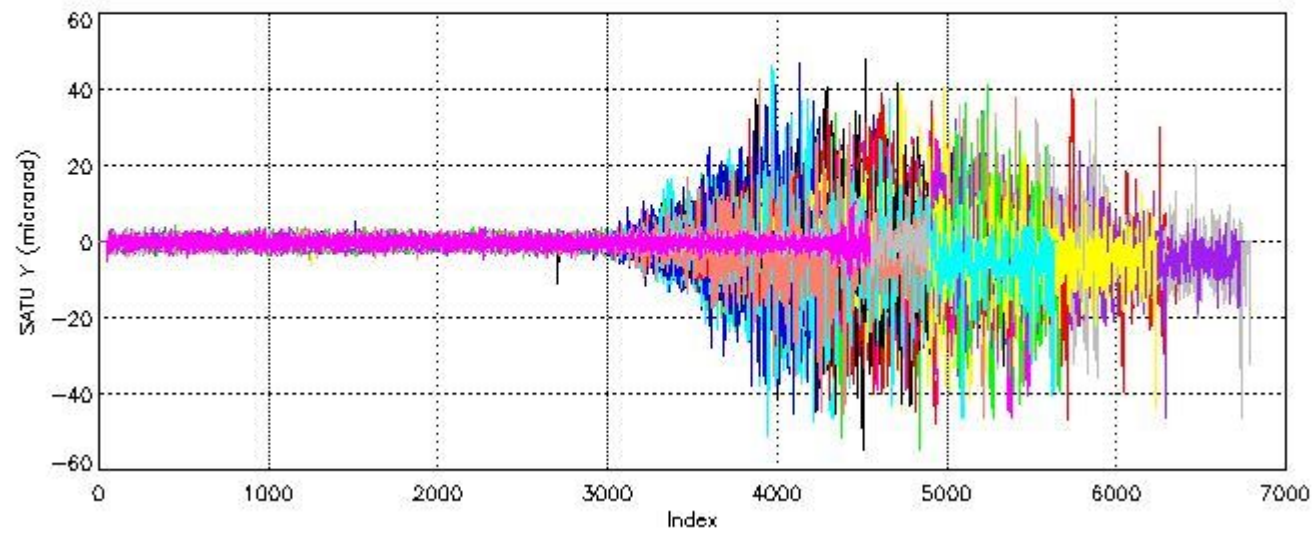
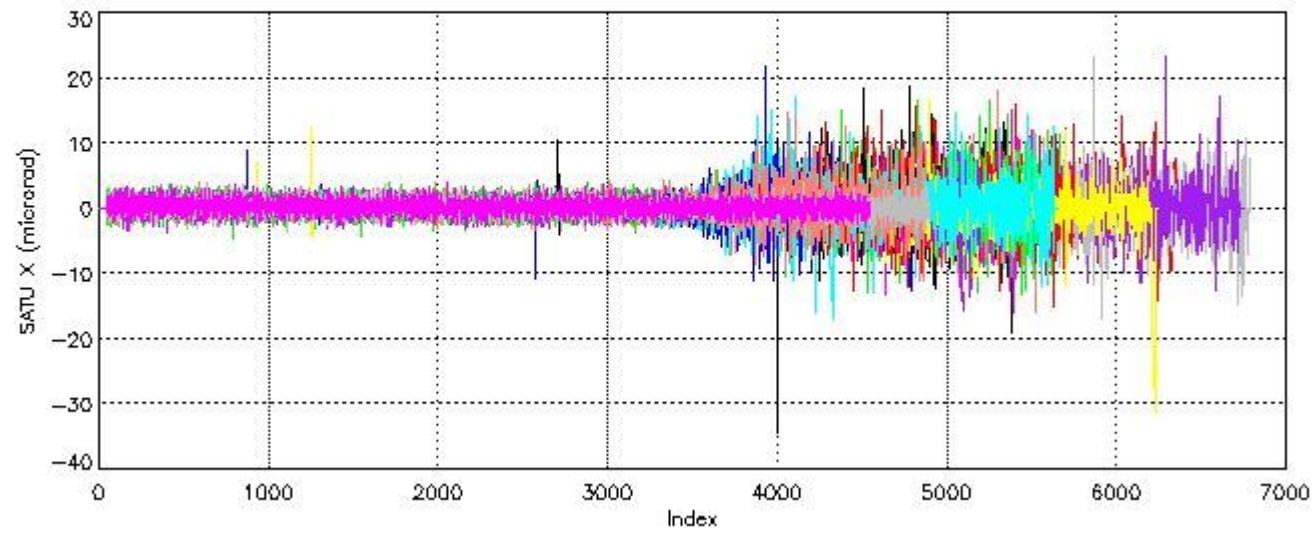


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.21289	-0.23472	0.21265	-0.24714
St. deviation:	0.51698	0.56479	0.67919	0.73354
Maximum:	8.9000	4.1000	4.4000	5.1000
Minimum:	-4.7000	-5.4000	-4.7000	-4.7000

Number of data:	44850.	44850.	42300.	42300.
90Percentile:	0.90000	0.50000	1.1000	0.70000

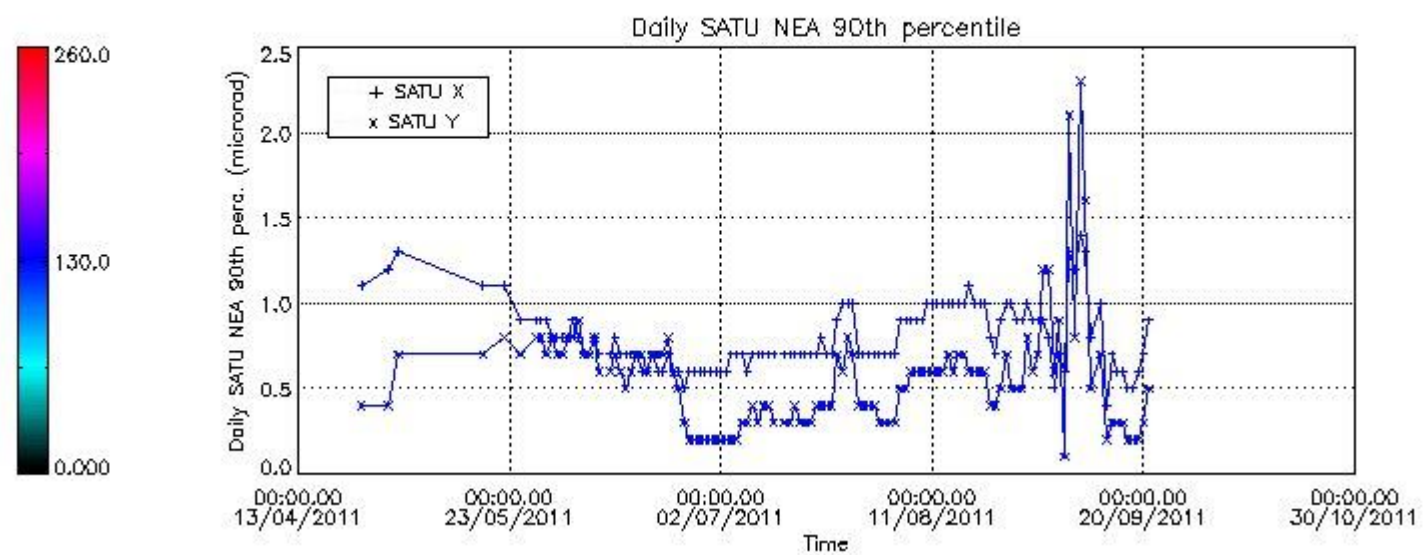
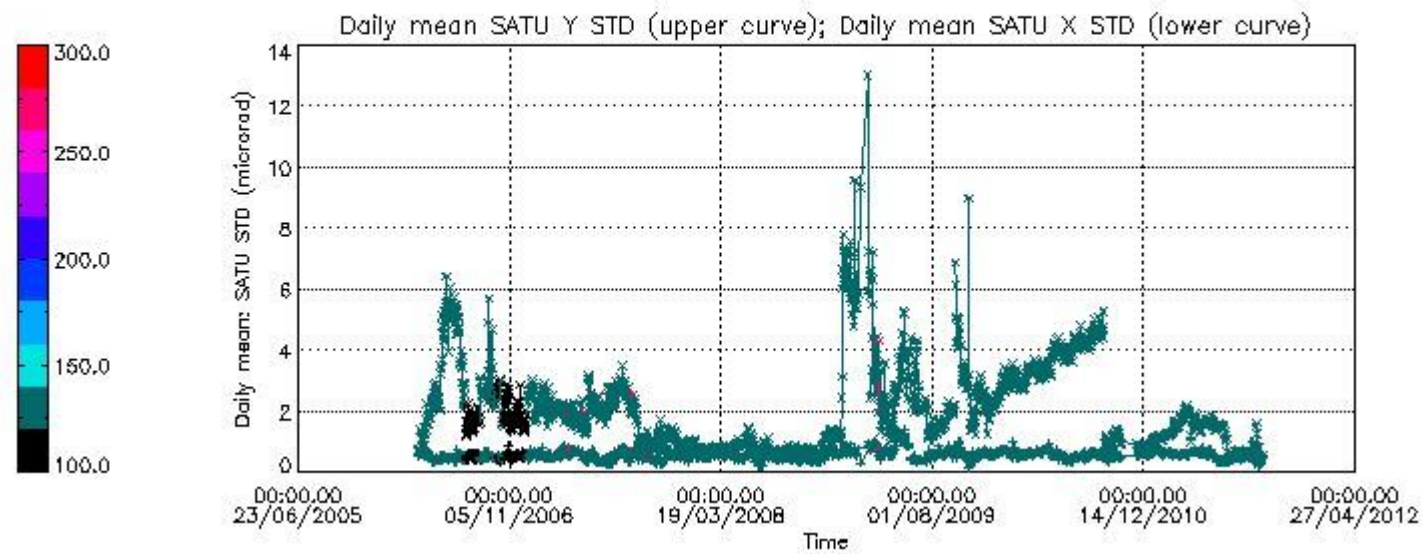
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

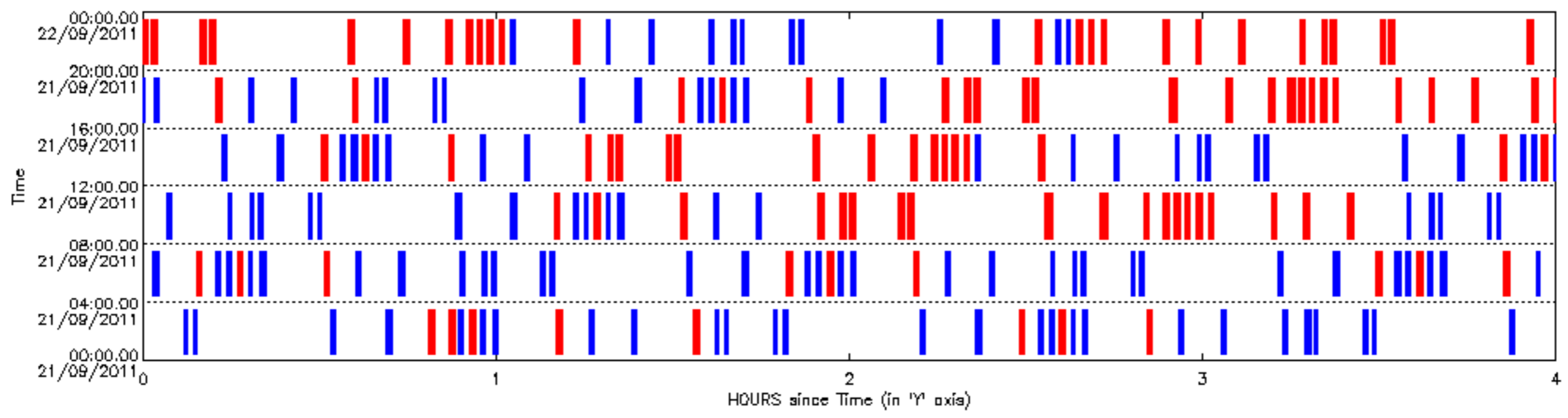


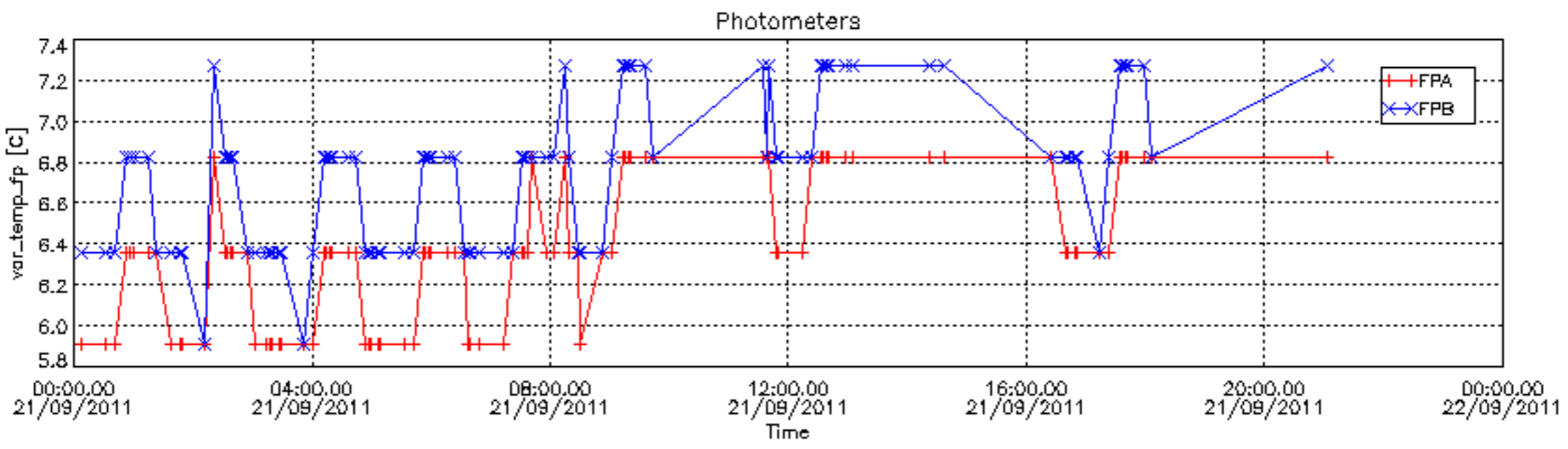
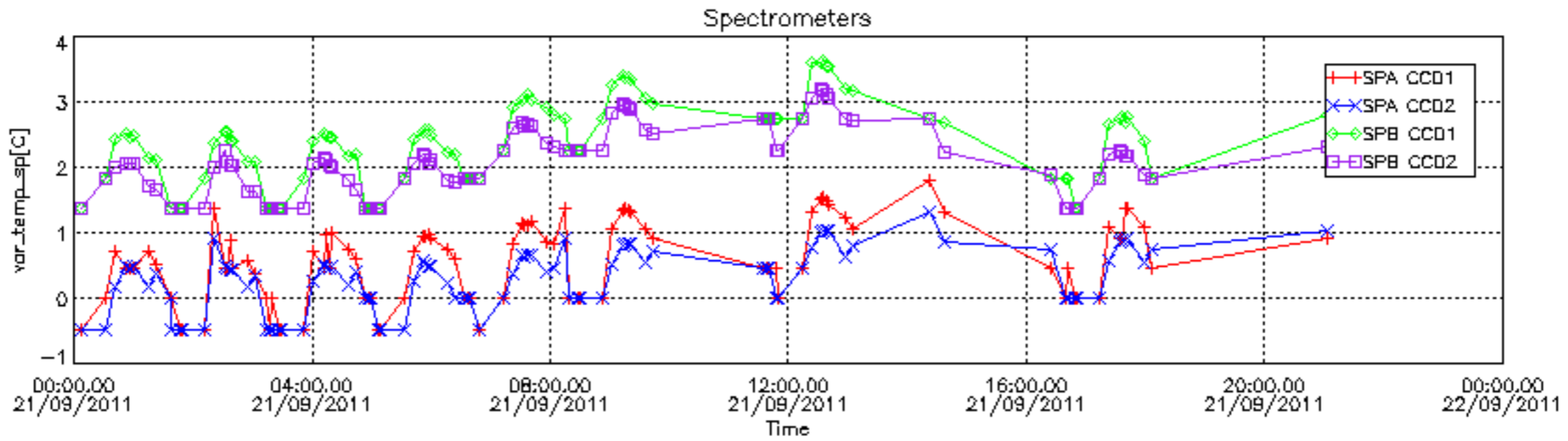
### 8. Auxiliary Data Files used for the production reported in section 2.4

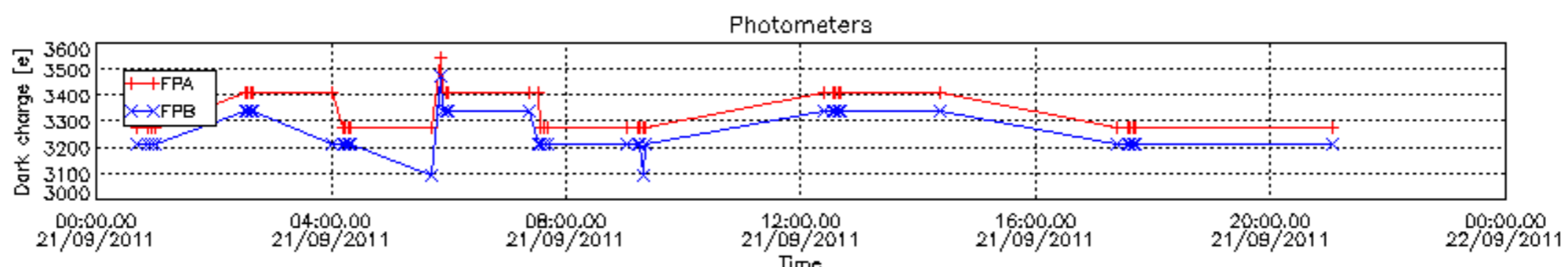
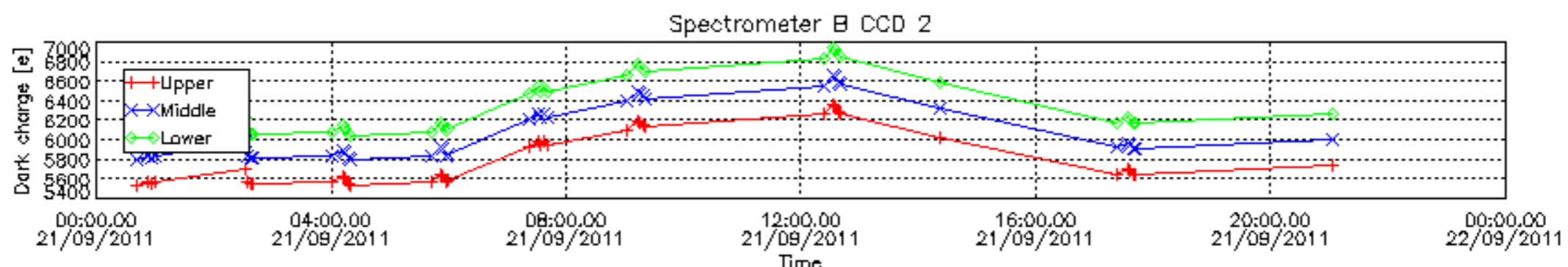
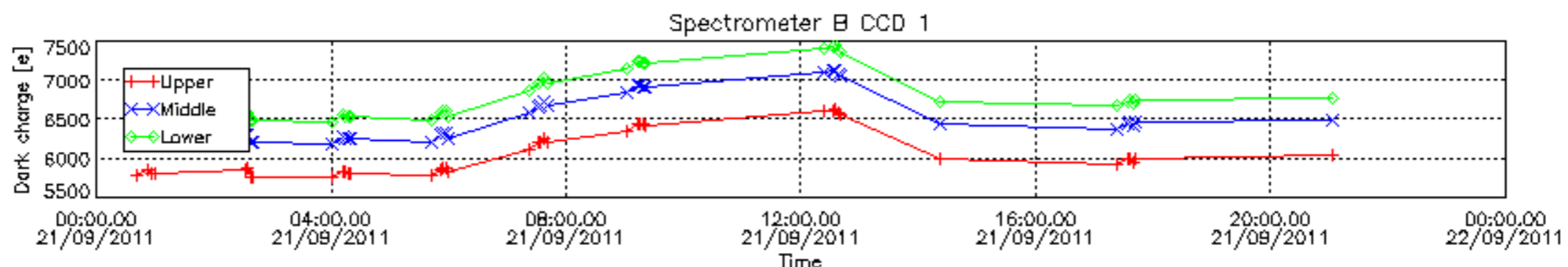
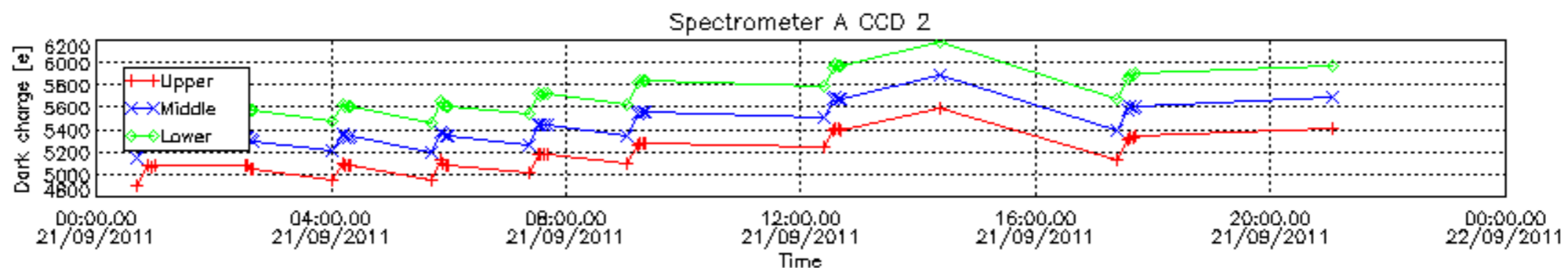
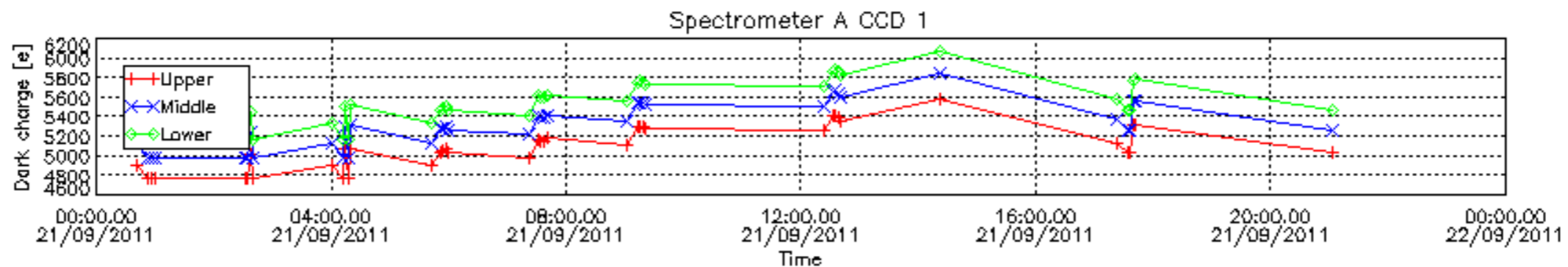
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

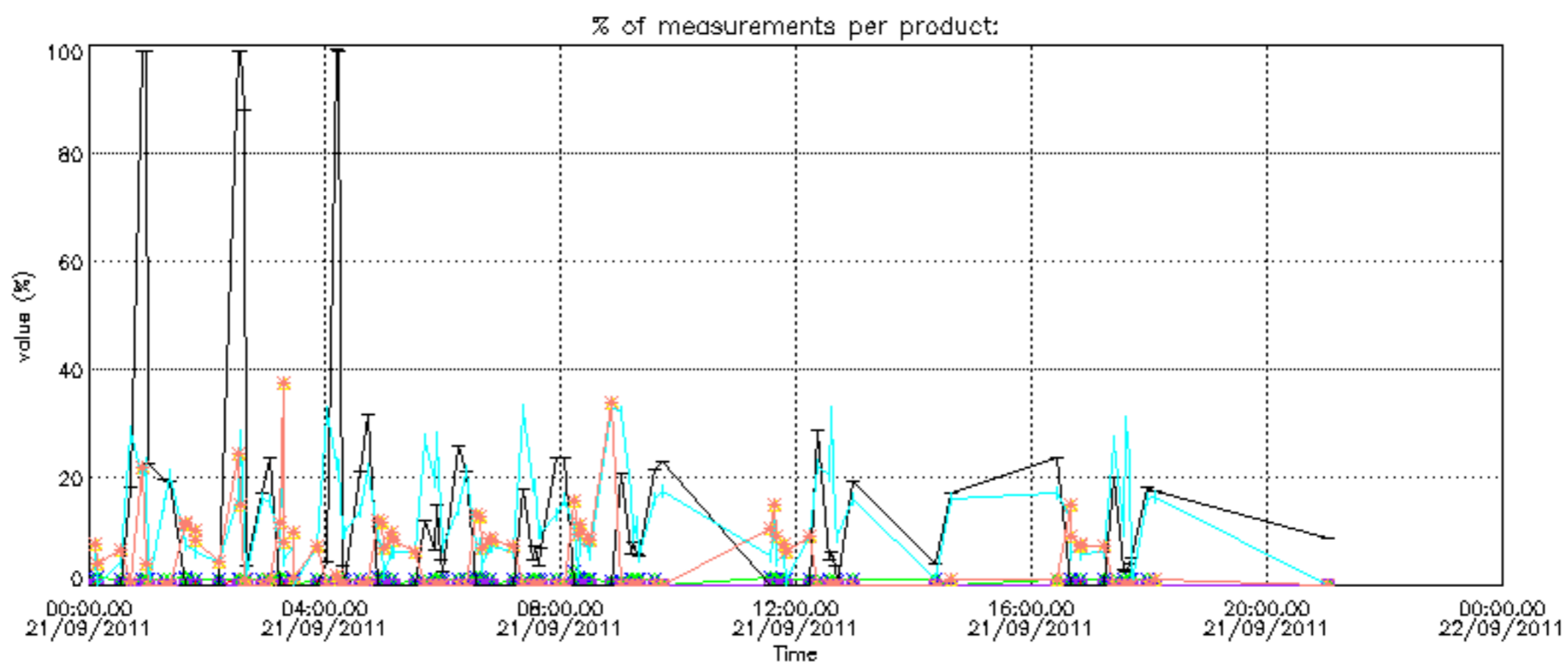
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-SEP-2011 00:06:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110915_075659_20110914_000000_20500101_000000	1	21-SEP-2011 00:06:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	21-SEP-2011 00:06:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	21-SEP-2011 00:06:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	21-SEP-2011 00:06:49
ECMWF_FILE	AUX_ECF_AXNECM20110920_063913_20110920_210000_20110921_090000	1	21-SEP-2011 00:06:49
ECMWF_FILE	AUX_ECF_AXNECM20110920_181912_20110921_030000_20110921_150000	27	21-SEP-2011 03:52:12
ECMWF_FILE	AUX_ECA_AXNECM20110921_061754_20110920_210000_20110921_090000	53	21-SEP-2011 07:12:40
ECMWF_FILE	AUX_ECF_AXNECM20110920_181912_20110921_030000_20110921_150000	61	21-SEP-2011 08:14:19
ECMWF_FILE	AUX_ECA_AXNECM20110921_175651_20110921_030000_20110921_150000	74	21-SEP-2011 11:34:47
ECMWF_FILE	AUX_ECA_AXNECM20110921_181649_20110921_090000_20110921_210000	79	21-SEP-2011 12:13:22
ECMWF_FILE	AUX_ECF_AXNECM20110921_061754_20110921_090000_20110921_210000	86	21-SEP-2011 13:04:35
ECMWF_FILE	AUX_ECA_AXNECM20110921_181649_20110921_090000_20110921_210000	89	21-SEP-2011 16:25:03
ECMWF_FILE	AUX_ECF_AXNECM20110921_061755_20110921_210000_20110922_090000	102	21-SEP-2011 21:02:24
OPTIONAL_ECMWF_FILE	MISSING	1	21-SEP-2011 00:06:49
OPTIONAL_ECMWF_FILE	AUX_ECA_AXNECM20110921_181649_20110921_090000_20110921_210000	74	21-SEP-2011 11:34:47
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110920_101912_20110919_185316_20110929_210701	1	21-SEP-2011 00:06:49
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110921_101754_20110920_195646_20110930_203017	61	21-SEP-2011 08:14:19





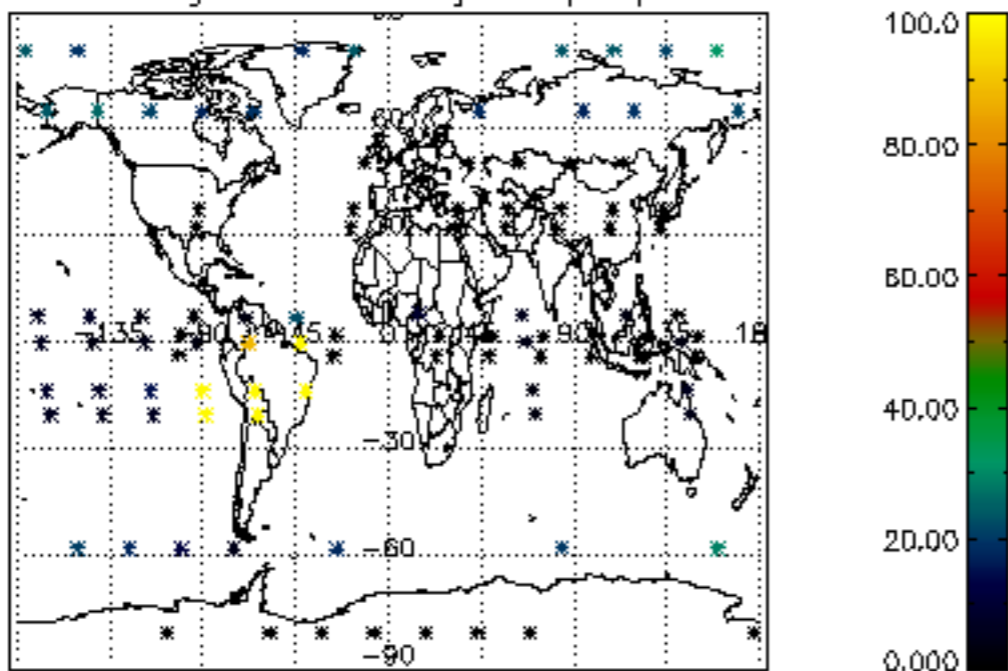




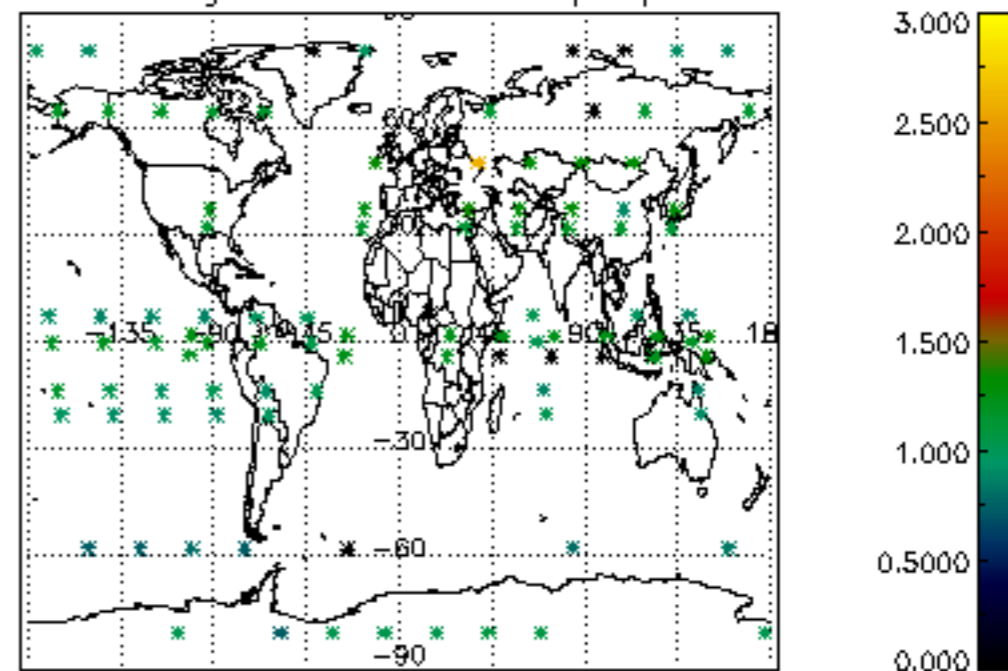




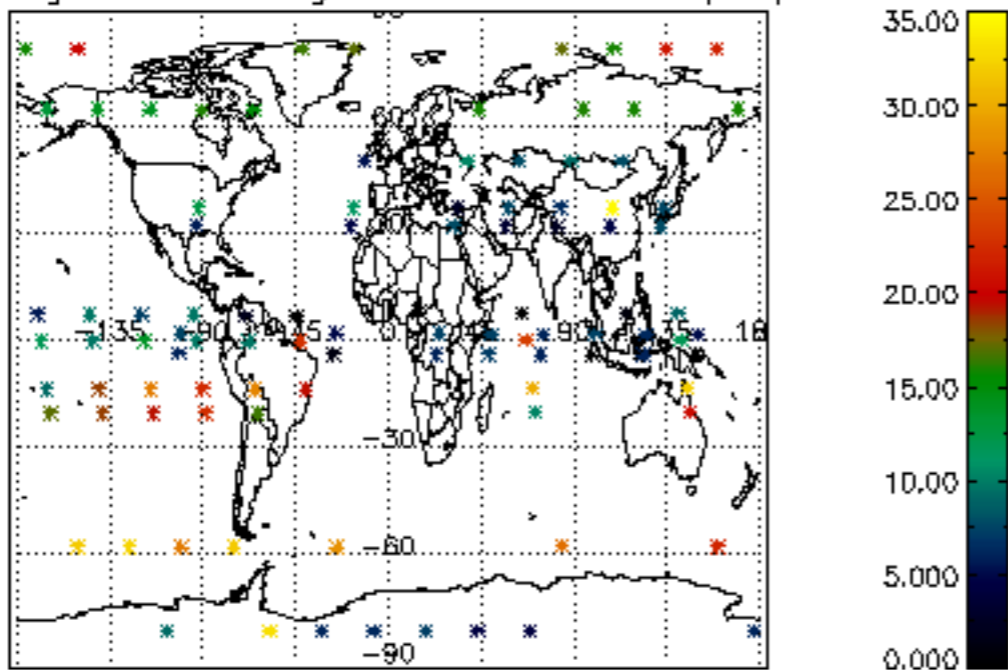
Percentage of cosmic ray hits per profile



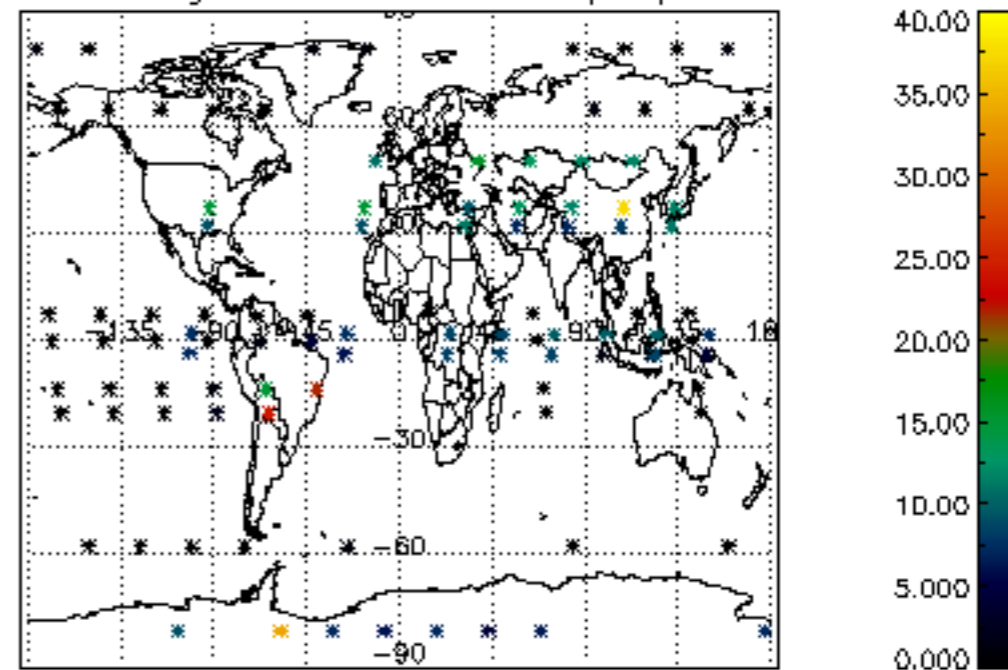
Percentage of datation errors per profile



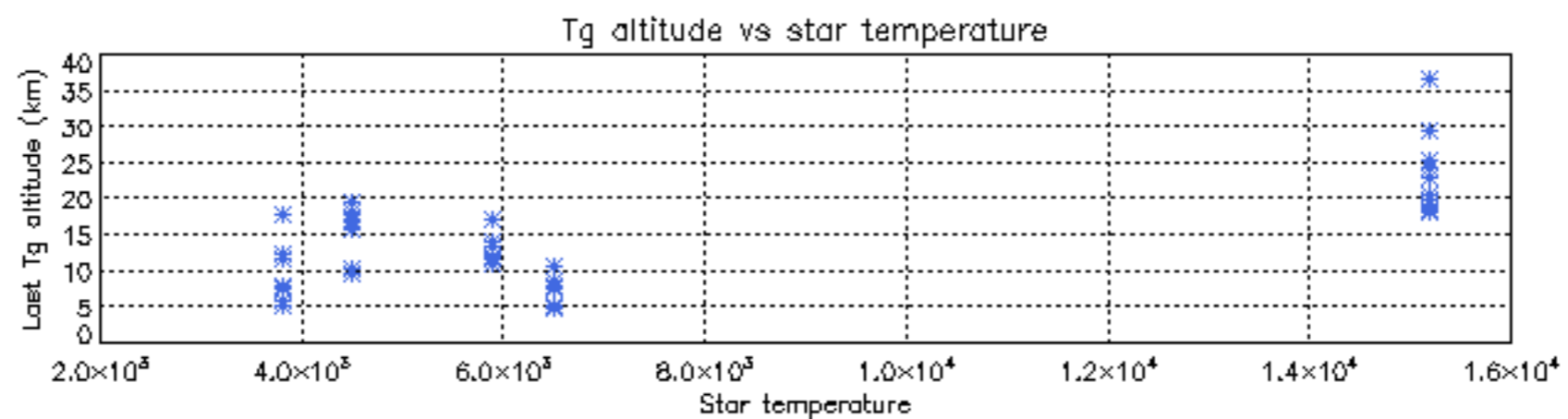
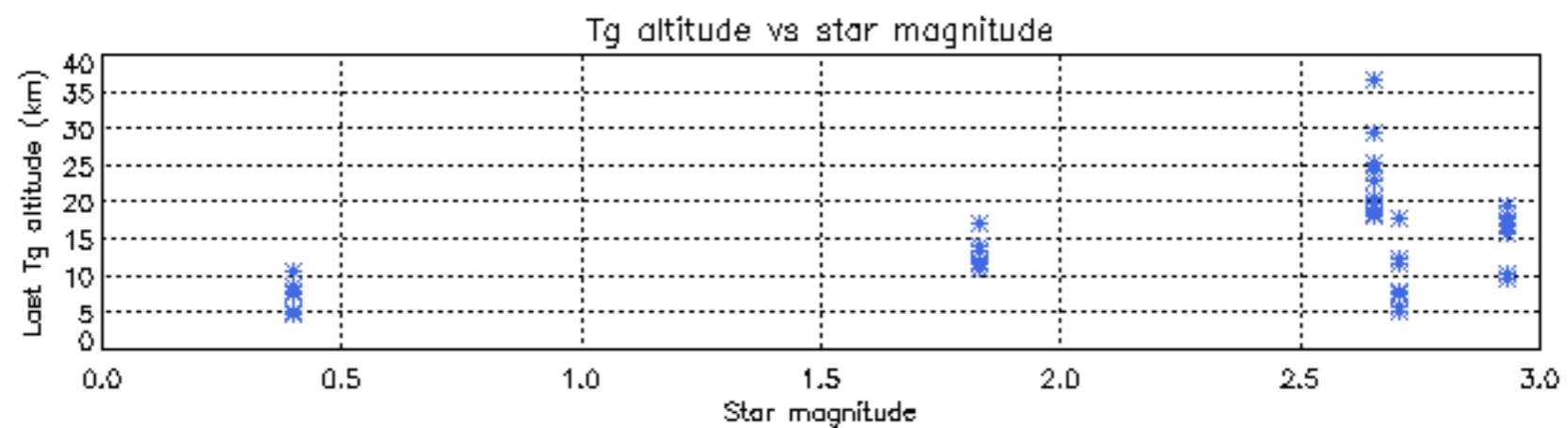
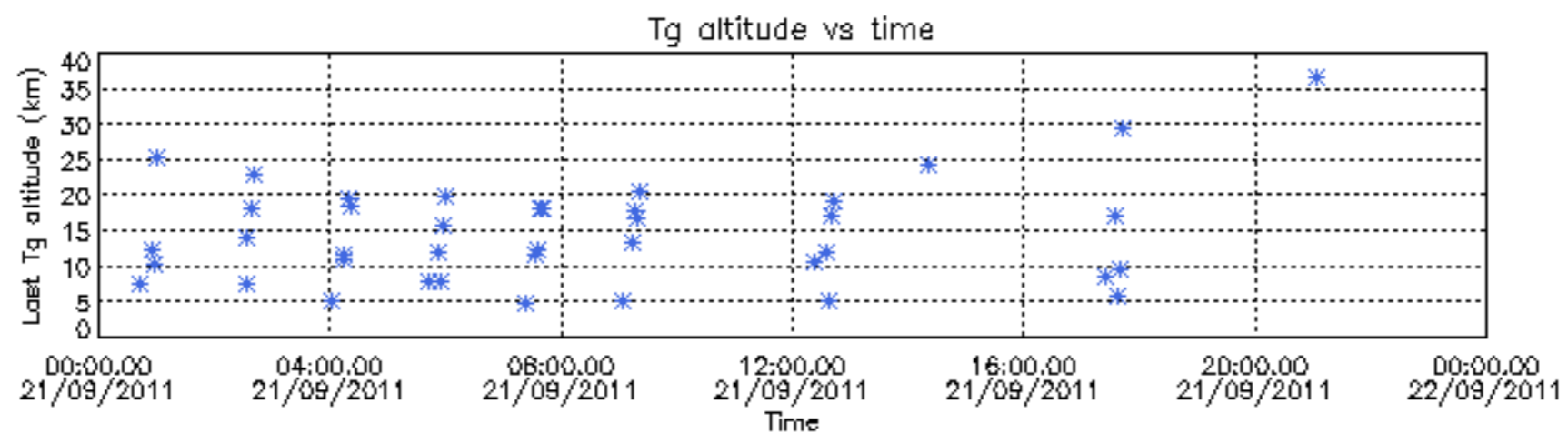
Percentage of star falling outside central band per profile



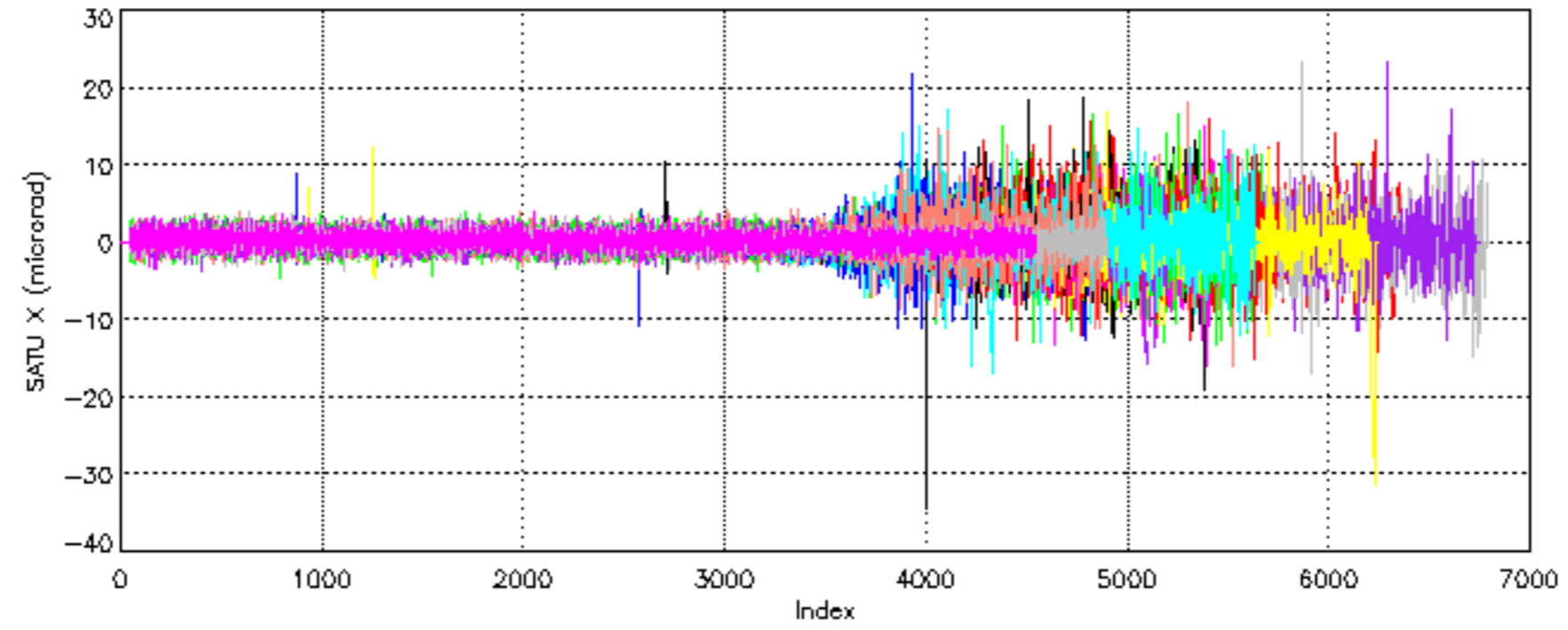
Percentage of saturation errors per profile



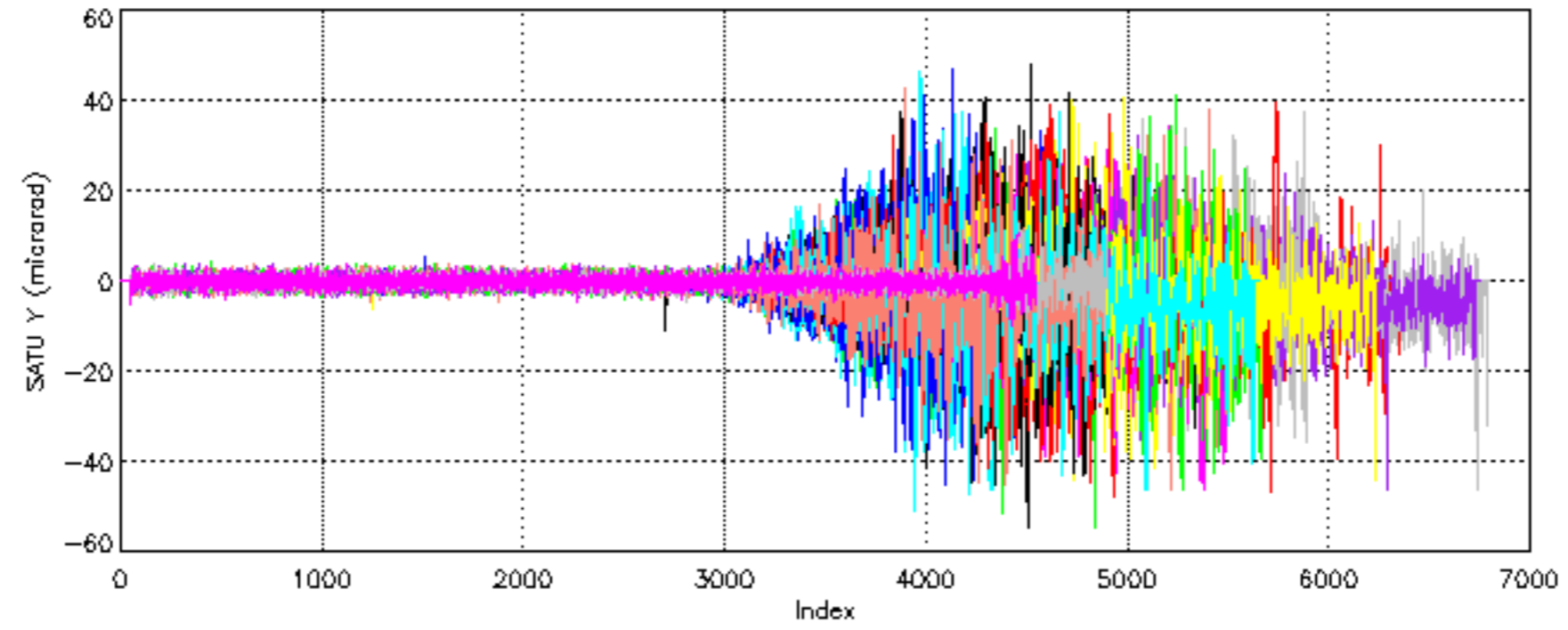
Tangent altitude at which the star is lost

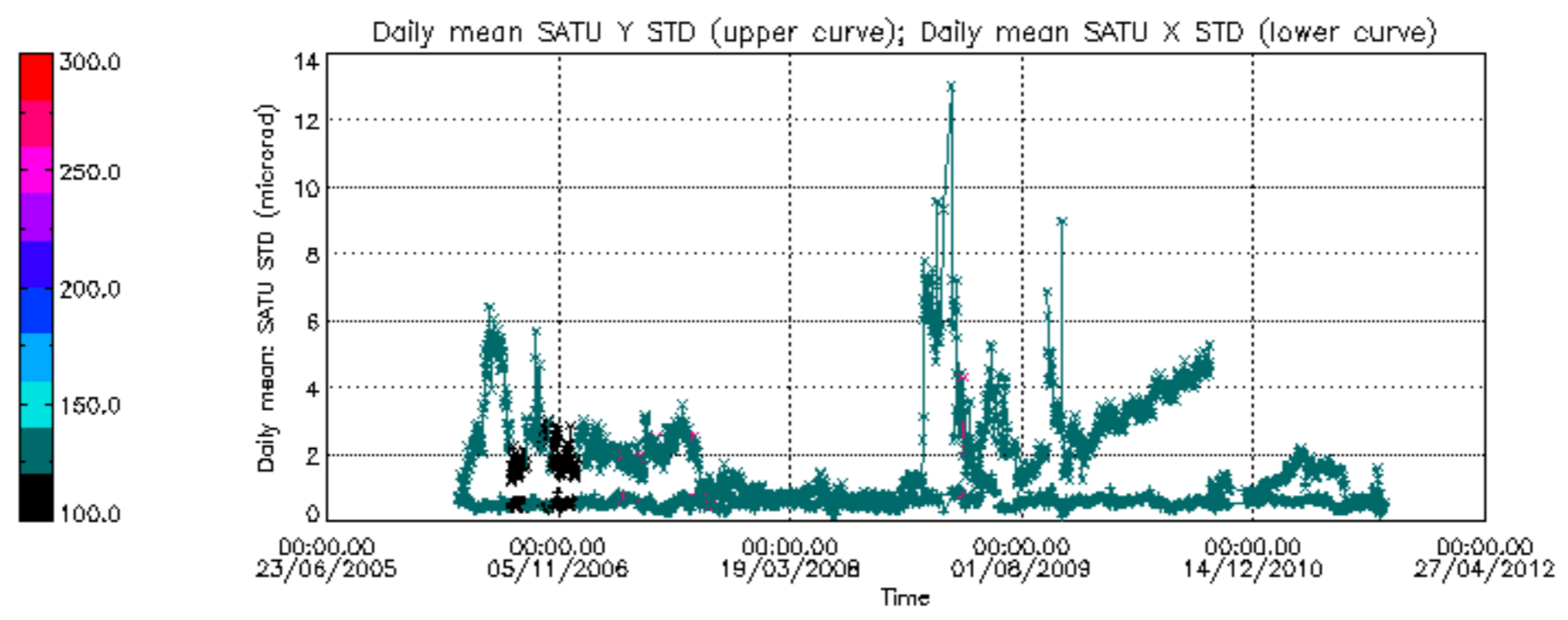


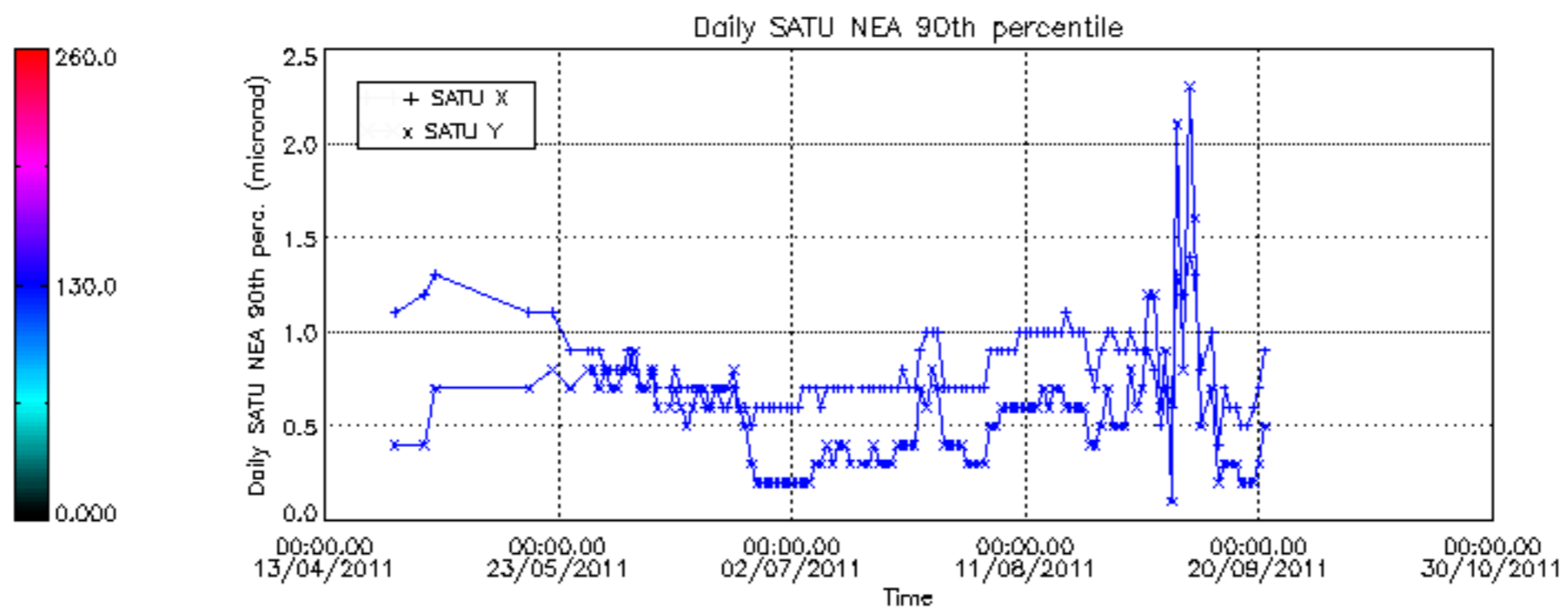












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1; 961.5; 01-SEP-2011 01:46:41; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;49701  
2; 2062.2; 01-SEP-2011 02:05:02; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;49701  
3; 4495.1; 01-SEP-2011 02:45:35; Bright; 36.5; 17; 78Bet Gem ; 1.16; 4500;occ; 73; 0;49701  
4; 6976.1; 01-SEP-2011 03:26:56; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;49702  
5; 8076.1; 01-SEP-2011 03:45:16; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;49702

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110901\_201520\_000000463106\_00129\_49712\_6413.N1  
1; 1326.6; 01-SEP-2011 20:15:20; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 0;49712

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1; -648.5; 01-SEP-2011 21:22:39; Dark ; 53.0; 1; 9Alp CMA ; -1.44; 11000;occ; 106; 0;49712  
2; -569.5; 01-SEP-2011 21:23:58; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;49712  
3; 968.4; 01-SEP-2011 21:49:36; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;49713  
4; 1326.8; 01-SEP-2011 21:55:34; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;49713  
5; 1883.3; 01-SEP-2011 22:04:51; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;49713

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1; -568.8; 01-SEP-2011 23:04:13; Dark ; 49.0; 47; 2Bet CMA ; 1.98; 28000;occ; 98; 0;49713  
2; 2061.8; 01-SEP-2011 23:48:03; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;49714  
3; 5366.7; 02-SEP-2011 00:43:08; Dark ; 30.0; 1; 9Alp CMA ; -1.44; 11000;occ; 60; 0;49714

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1; 966.1; 01-SEP-2011 15:08:38; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;49709

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1; 1325.7; 01-SEP-2011 15:14:37; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;49709  
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3; 2062.0; 01-SEP-2011 15:26:53; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49709  
4; 6980.6; 01-SEP-2011 16:48:52; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49710

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1; 1883.5; 01-SEP-2011 17:04:09; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;49710  
2; 2062.1; 01-SEP-2011 17:07:08; Bright; 37.5; 61; 8Eps Peg ; 2.10; 3900;occ; 75; 0;49710  
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3; 969.5; 02-SEP-2011 01:10:05; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49715  
4; 2061.8; 02-SEP-2011 01:28:17; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;49715

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1; -646.6; 02-SEP-2011 02:23:23; Dark ; 51.0; 1; 9Alp CMA ; -1.44; 11000;occ; 102; 0;49715  
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3; 970.1; 02-SEP-2011 02:50:19; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;49716  
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3; 1327.9; 02-SEP-2011 04:36:31; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;49717  
4; 1883.2; 02-SEP-2011 04:45:46; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;49717  
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3; 3100.4; 02-SEP-2011 21:48:23; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;49727

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2; 976.7; 02-SEP-2011 22:53:14; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49728  
3; 3099.9; 02-SEP-2011 23:28:37; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49728  
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3; -644.7; 02-SEP-2011 07:24:07; Dark ; 53.5; 1; 9Alp CMA ; -1.44; 11000;occ; 107; 0;49718
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3; 5370.0; 02-SEP-2011 09:04:21; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;49719
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3; 972.8; 02-SEP-2011 11:11:32; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49721
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2; 3104.0; 02-SEP-2011 11:47:03; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;49721
3; 4902.7; 02-SEP-2011 12:17:02; Dark ; 47.5; 8; 10Alp CMI ; 0.40; 6500;occ; 95; 0;49721
4; 5451.6; 02-SEP-2011 12:26:11; Dark ; 51.0; 47; 2Bet CMA ; 1.98; 28000;occ; 102; 0;49721
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3; 5373.4; 02-SEP-2011 17:25:34; Dark ; 51.0; 1; 9Alp CMA ; -1.44; 11000;occ; 102; 0;49724
4; 5454.3; 02-SEP-2011 17:26:55; Dark ; 51.5; 47; 2Bet CMA ; 1.98; 28000;occ; 103; 0;49724
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3; 3101.7; 02-SEP-2011 18:27:57; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49725
4; 4784.1; 02-SEP-2011 18:55:59; Dark ; 53.5; 44; 24Gam Gem ; 1.93; 11000;occ; 107; 0;49725
5; 4904.1; 02-SEP-2011 18:57:59; Dark ; 47.5; 8; 10Alp CMI ; 0.40; 6500;occ; 95; 0;49725
6; 5374.0; 02-SEP-2011 19:05:49; Dark ; 52.0; 1; 9Alp CMA ; -1.44; 11000;occ; 104; 0;49725
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2; 1330.1; 02-SEP-2011 19:38:39; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;49726
3; 3101.1; 02-SEP-2011 20:08:10; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;49726
4; 4784.4; 02-SEP-2011 20:36:13; Dark ; 54.5; 44; 24Gam Gem ; 1.93; 11000;occ; 109; 0;49726
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6; 5374.7; 02-SEP-2011 20:46:04; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;49726
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3; 1330.9; 03-SEP-2011 00:39:22; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;49729
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3; 1331.1; 03-SEP-2011 02:19:36; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;49730

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3; 1883.5; 03-SEP-2011 20:51:22; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;49741
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3; 984.2; 03-SEP-2011 22:16:37; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;49742
4; 1334.4; 03-SEP-2011 22:22:27; Dark ; 44.0; 18; 24Alp PsA ; 1.17; 9700;occ; 88; 0;49742
5; 1883.4; 03-SEP-2011 22:31:36; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;49742
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4; 5541.5; 03-SEP-2011 13:31:10; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;49736
5; 6995.5; 03-SEP-2011 13:55:24; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;49737
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5; 982.2; 03-SEP-2011 15:35:39; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49738
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4; 1027.5; 09-SEP-2011 23:37:35; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;49829
5; 2181.6; 09-SEP-2011 23:56:49; Bright; 41.0; 90; 54Alp Peg ; 2.49; 11000;occ; 82; 0;49829
6; 3044.4; 10-SEP-2011 00:11:11; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;49829
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4; 3164.7; 09-SEP-2011 09:11:06; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;49820
5; 4448.4; 09-SEP-2011 09:32:30; Bright; 59.0; 24; 66Alp Gem ; 1.58; 10200;occ; 118; 0;49820
6; 5446.7; 09-SEP-2011 09:49:08; Dark ; 61.0; 1; 9Alp CMA ; -1.44; 11000;occ; 122; 0;49820
7; 5595.0; 09-SEP-2011 09:51:36; Dark ; 45.0; 23; 21Eps CMA ; 1.50; 26000;occ; 90; 0;49820
8; 5723.0; 09-SEP-2011 09:53:44; Dark ; 46.0; 177; 1Zet CMA ; 3.02; 26000;occ; 92; 0;49820
9; 5814.3; 09-SEP-2011 09:55:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49820
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11; 6605.8; 09-SEP-2011 10:08:27; Dark ; 40.5; 143; Alp Hyi ; 2.86; 7200;occ; 81; 0;49821
12; 6688.5; 09-SEP-2011 10:09:50; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49821
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2; 2436.7; 09-SEP-2011 10:39:12; Bright; 38.0; 164; 44Eta Peg ; 2.95; 5400;occ; 76; 0;49821
3; 3048.5; 09-SEP-2011 10:49:24; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;49821
4; 4448.3; 09-SEP-2011 11:12:44; Bright; 40.0; 24; 66Alp Gem ; 1.58; 10200;occ; 80; 0;49821
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6; 5595.7; 09-SEP-2011 11:31:51; Dark ; 43.0; 23; 21Eps CMA ; 1.50; 26000;occ; 86; 0;49821
7; 5723.9; 09-SEP-2011 11:33:59; Dark ; 45.5; 177; 1Zet CMA ; 3.02; 26000;occ; 91; 0;49821
8; 5815.1; 09-SEP-2011 11:35:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49821

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4; 2435.3; 09-SEP-2011 19:00:21; Bright; 40.0; 164; 44Eta Peg ; 2.95; 5400;occ; 80; 0;49826
5; 3045.9; 09-SEP-2011 19:10:31; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;49826
6; 3161.1; 09-SEP-2011 19:12:26; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;49826
7; 4449.0; 09-SEP-2011 19:33:54; Bright; 43.5; 24; 66Alp Gem ; 1.58; 10200;occ; 87; 0;49826
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9; 4942.9; 09-SEP-2011 19:42:08; Dark ; 52.0; 8; 10Alp CMI ; 0.40; 6500;occ; 104; 0;49826
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11; 5599.4; 09-SEP-2011 19:53:05; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;49826
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3; 1027.9; 10-SEP-2011 01:17:49; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49830
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6; 3043.6; 10-SEP-2011 01:51:25; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;49830
7; 3158.4; 10-SEP-2011 01:53:19; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;49830
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3; 3024.1; 12-SEP-2011 20:40:24; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;49870
4; 3134.6; 12-SEP-2011 20:42:15; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49870
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3; -382.1; 12-SEP-2011 21:23:52; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;49870
4; -242.7; 12-SEP-2011 21:26:11; Dark ; 46.0; 177; 1Zet CMA ; 3.02; 26000;occ; 92; 0;49870
5; -156.8; 12-SEP-2011 21:27:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49870
6; 700.7; 12-SEP-2011 21:41:55; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;49871
7; 1046.0; 12-SEP-2011 21:47:40; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;49871
8; 2171.5; 12-SEP-2011 22:06:26; Bright; 41.0; 90; 54Alp Peg ; 2.49; 11000;occ; 82; 0;49871
9; 2405.3; 12-SEP-2011 22:10:19; Bright; 41.5; 93; 53Bet Peg ; 2.52; 3100;occ; 83; 0;49871
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12; 4454.7; 12-SEP-2011 22:44:29; Bright; 61.0; 24; 66Alp Gem ; 1.58; 10200;occ; 122; 0;49871
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4; -155.9; 12-SEP-2011 23:07:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49871
5; 1046.4; 12-SEP-2011 23:27:54; Dark ; 45.0; 84; Alp Phe ; 2.40; 4500;occ; 90; 0;49872
6; 2171.4; 12-SEP-2011 23:46:39; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;49872
7; 2405.1; 12-SEP-2011 23:50:33; Bright; 42.5; 93; 53Bet Peg ; 2.52; 3100;occ; 85; 0;49872
8; 3023.1; 13-SEP-2011 00:00:51; Bright; 37.5; 74; 11Bet Cas ; 2.27; 6600;occ; 75; 0;49872
9; 3133.4; 13-SEP-2011 00:02:41; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;49872
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3; 2397.8; 14-SEP-2011 20:56:43; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;49899
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5; 3118.1; 14-SEP-2011 21:08:43; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;49899
6; 4458.6; 14-SEP-2011 21:31:04; Bright; 56.5; 24; 66Alp Gem ; 1.58; 10200;occ; 113; 0;49899
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3; 3013.6; 14-SEP-2011 11:05:35; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;49893
4; 3121.6; 14-SEP-2011 11:07:23; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49893
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5; 2166.3; 14-SEP-2011 22:33:05; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;49900
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6; 2397.4; 15-SEP-2011 00:17:10; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;49901
7; 3009.9; 15-SEP-2011 00:27:23; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;49901
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3; 2398.1; 14-SEP-2011 19:16:29; Bright; 42.0; 93; 53Bet Peg ; 2.52; 3100;occ; 84; 0;49898
4; 3011.5; 14-SEP-2011 19:26:43; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;49898
5; 3118.7; 14-SEP-2011 19:28:30; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49898
6; 4458.4; 14-SEP-2011 19:50:49; Bright; 43.5; 24; 66Alp Gem ; 1.58; 10200;occ; 87; 0;49898
7; 4977.2; 14-SEP-2011 19:59:28; Dark ; 53.5; 8; 10Alp CMI ; 0.40; 6500;occ; 107; 0;49898
8; 5520.7; 14-SEP-2011 20:08:32; Dark ; 64.0; 1; 9Alp CMA ; -1.44; 11000;occ; 128; 0;49898

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7; 3110.0; 15-SEP-2011 20:31:51; Bright; 63.0; 76; 27Gam Cas ; 2.30; 30000;occ; 126; 0;49913
8; 4460.3; 15-SEP-2011 20:54:21; Bright; 45.0; 24; 66Alp Gem ; 1.58; 10200;occ; 90; 0;49913
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3; -455.9; 17-SEP-2011 04:57:04; Dark ; 73.5; 1; 9Alp CMA ; -1.44; 11000;occ; 147; 0;49932
4; -330.3; 17-SEP-2011 04:59:09; Dark ; 51.5; 23; 21Eps CMA ; 1.50; 26000;occ; 103; 0;49932
5; -99.2; 17-SEP-2011 05:03:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49932
6; 1071.5; 17-SEP-2011 05:22:31; Dark ; 45.0; 84; Alp Phe ; 2.40; 4500;occ; 90; 0;49933
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3; 2160.3; 17-SEP-2011 20:42:46; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;49942
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6; 2992.5; 17-SEP-2011 20:56:38; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;49942
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5; 3099.1; 17-SEP-2011 07:36:33; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49934
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12; 7086.6; 17-SEP-2011 10:23:14; Dark ; 44.5; 84; Alp Phe ; 2.40; 4500;occ; 89; 0;49936
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5; 3097.3; 17-SEP-2011 12:37:13; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;49937
6; 4463.4; 17-SEP-2011 12:59:59; Bright; 52.5; 24; 66Alp Gem ; 1.58; 10200;occ; 105; 0;49937
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5; 2994.4; 17-SEP-2011 14:15:44; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;49938
6; 3096.8; 17-SEP-2011 14:17:26; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49938
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4; 2496.3; 17-SEP-2011 15:47:40; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;49939
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4; 2385.6; 18-SEP-2011 20:09:47; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;49956
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4; 1080.8; 18-SEP-2011 23:08:30; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;49958
5; 1524.1; 18-SEP-2011 23:15:53; Dark ; 55.5; 52; 16Bet Cet ; 2.04; 4500;occ; 111; 0;49958
6; 2158.3; 18-SEP-2011 23:26:27; Bright; 38.5; 90; 54Alp Peg ; 2.49; 11000;occ; 77; 0;49958
7; 2385.2; 18-SEP-2011 23:30:14; Bright; 40.5; 93; 53Bet Peg ; 2.52; 3100;occ; 81; 0;49958
8; 2485.3; 18-SEP-2011 23:31:54; Bright; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;49958
9; 2986.0; 18-SEP-2011 23:40:15; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;49958
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3; -73.7; 19-SEP-2011 00:29:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49958
4; 1081.2; 19-SEP-2011 00:48:44; Dark ; 43.5; 84; Alp Phe ; 2.40; 4500;occ; 87; 0;49959
5; 1524.3; 19-SEP-2011 00:56:07; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;49959
6; 2158.1; 19-SEP-2011 01:06:41; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;49959
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9; 2985.8; 19-SEP-2011 01:20:29; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49959
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3; -72.7; 19-SEP-2011 02:09:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49959
4; 1081.6; 19-SEP-2011 02:28:58; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;49960
5; 1524.4; 19-SEP-2011 02:36:21; Dark ; 55.0; 52; 16Bet Cet ; 2.04; 4500;occ; 110; 0;49960
6; 2158.2; 19-SEP-2011 02:46:55; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;49960
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8; 2484.4; 19-SEP-2011 02:52:21; Bright; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;49960
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6; 1082.8; 19-SEP-2011 07:29:41; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;49963
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5; 3083.5; 19-SEP-2011 09:43:16; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;49964
6; 4467.0; 19-SEP-2011 10:06:20; Bright; 46.0; 24; 66Alp Gem ; 1.58; 10200;occ; 92; 0;49964
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9; 5713.0; 19-SEP-2011 10:27:06; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;49964
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3; 2481.7; 19-SEP-2011 11:13:28; Bright; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;49965
4; 2983.6; 19-SEP-2011 11:21:50; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49965
5; 3082.8; 19-SEP-2011 11:23:29; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;49965
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5; 1091.3; 20-SEP-2011 23:35:25; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;49987
6; 1528.5; 20-SEP-2011 23:42:42; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;49987
7; 2380.7; 20-SEP-2011 23:56:54; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;49987

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10; 3071.9; 21-SEP-2011 00:08:26; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;49987
11; 4469.9; 21-SEP-2011 00:31:44; Bright; 47.0; 24; 66Alp Gem ; 1.58; 10200;occ; 94; 0;49987
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5; -54.4; 20-SEP-2011 08:14:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 2;49977
6; 66.9; 20-SEP-2011 08:16:15; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 5;49978
7; 1088.2; 20-SEP-2011 08:33:16; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 1;49978
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4; 2977.0; 20-SEP-2011 15:45:41; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49982
5; 3074.4; 20-SEP-2011 15:47:18; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;49982
6; 4469.5; 20-SEP-2011 16:10:33; Bright; 68.0; 24; 66Alp Gem ; 1.58; 10200;occ; 136; 0;49982
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9; 5776.4; 20-SEP-2011 16:32:20; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;49982
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9; 3071.4; 21-SEP-2011 01:48:39; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;49988
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5; 2463.9; 21-SEP-2011 21:41:19; Bright; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;50000
6; 2970.4; 21-SEP-2011 21:49:46; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;50000
7; 3065.4; 21-SEP-2011 21:51:21; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;50000
8; 4471.6; 21-SEP-2011 22:14:47; Bright; 48.5; 24; 66Alp Gem ; 1.58; 10200;occ; 97; 0;50000
9; 5038.8; 21-SEP-2011 22:24:14; Dark ; 60.5; 8; 10Alp CMI ; 0.40; 6500;occ; 121; 0;50000
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2; 1096.4; 22-SEP-2011 00:38:59; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;50002
3; 1530.6; 22-SEP-2011 00:46:14; Dark ; 53.5; 52; 16Bet Cet ; 2.04; 4500;occ; 107; 0;50002
4; 2154.8; 22-SEP-2011 00:56:38; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;50002
5; 2378.7; 22-SEP-2011 01:00:22; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;50002
6; 2462.9; 22-SEP-2011 01:01:46; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;50002
7; 2969.7; 22-SEP-2011 01:10:13; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;50002
8; 3064.5; 22-SEP-2011 01:11:47; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50002
9; 4471.9; 22-SEP-2011 01:35:15; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;50002
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2; -222.5; 22-SEP-2011 01:57:14; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;50002
3; 1.5; 22-SEP-2011 02:00:58; Dark ; 49.0; 161; Tau Pup ; 2.93; 4500;occ; 98; 0;50002
4; 132.9; 22-SEP-2011 02:03:10; Dark ; 43.0; 108; Alp Col ; 2.65; 15200;occ; 86; 0;50003
5; 1096.8; 22-SEP-2011 02:19:14; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;50003
6; 1530.8; 22-SEP-2011 02:26:28; Dark ; 54.0; 52; 16Bet Cet ; 2.04; 4500;occ; 108; 0;50003
7; 2378.6; 22-SEP-2011 02:40:35; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;50003
8; 2462.5; 22-SEP-2011 02:41:59; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;50003
9; 2969.4; 22-SEP-2011 02:50:26; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;50003
10; 3063.9; 22-SEP-2011 02:52:01; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;50003
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2; -973.1; 22-SEP-2011 03:24:58; Dark ; 70.5; 8; 10Alp CMI ; 0.40; 6500;occ; 141; 0;50003
3; -331.9; 22-SEP-2011 03:35:39; Dark ; 55.5; 37; 25Del CMA ; 1.83; 5900;occ; 111; 0;50003
4; -221.6; 22-SEP-2011 03:37:29; Dark ; 51.0; 117; Pi Pup ; 2.71; 3800;occ; 102; 0;50003
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2; 2456.8; 23-SEP-2011 00:24:55; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;50016
3; 3057.7; 23-SEP-2011 00:34:56; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;50016
4; 4473.8; 23-SEP-2011 00:58:32; Bright; 50.0; 24; 66Alp Gem ; 1.58; 10200;occ; 100; 0;50016
5; 5050.3; 23-SEP-2011 01:08:09; Dark ; 65.5; 8; 10Alp CMI ; 0.40; 6500;occ; 131; 0;50016
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1; 911.7; 26-SEP-2011 19:51:58; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 80;50071
2; 3033.2; 26-SEP-2011 20:27:20; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;50071
3; 4565.0; 26-SEP-2011 20:52:52; Bright; 26.5; 17; 78Bet Gem ; 1.16; 4500;occ; 53; 0;50071
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2;-1450.0; 26-SEP-2011 12:31:41; Bright; 44.0; 17; 78Bet Gem ; 1.16; 4500;occ; 88; 0;50066
3; -491.6; 26-SEP-2011 12:47:39; Dark ; 49.0; 132; 15Rho Pup ; 2.80; 6900;occ; 98; 0;50066
4; -287.6; 26-SEP-2011 12:51:03; Dark ; 50.0; 88; 31Eta CMA ; 2.45; 20000;occ; 100; 0;50066
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2; 3035.1; 26-SEP-2011 13:46:26; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50067
3; 4564.2; 26-SEP-2011 14:11:55; Bright; 44.0; 17; 78Bet Gem ; 1.16; 4500;occ; 88; 0;50067
4; 5727.2; 26-SEP-2011 14:31:18; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50067
5; 5821.1; 26-SEP-2011 14:32:52; Dark ; 51.5; 23; 21Eps CMA ; 1.50; 26000;occ; 103; 0;50067
6; 6883.3; 26-SEP-2011 14:50:34; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;50068
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2; 3034.7; 26-SEP-2011 15:26:39; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;50068
3; 4564.4; 26-SEP-2011 15:52:09; Bright; 35.0; 17; 78Bet Gem ; 1.16; 4500;occ; 70; 0;50068
4; 5728.3; 26-SEP-2011 16:11:33; Dark ; 49.5; 88; 31Eta CMA ; 2.45; 20000;occ; 99; 0;50068
5; 5822.4; 26-SEP-2011 16:13:07; Dark ; 50.0; 23; 21Eps CMA ; 1.50; 26000;occ; 100; 0;50068
6; 6884.2; 26-SEP-2011 16:30:49; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;50069
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2; 3034.1; 26-SEP-2011 17:06:53; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50069
3; 4564.8; 26-SEP-2011 17:32:23; Bright; 35.0; 17; 78Bet Gem ; 1.16; 4500;occ; 70; 0;50069
4; 5729.2; 26-SEP-2011 17:51:48; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50069
5; 5823.5; 26-SEP-2011 17:53:22; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;50069
6; 6885.0; 26-SEP-2011 18:11:04; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50070
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3; -283.9; 26-SEP-2011 19:32:03; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50070
4; -189.4; 26-SEP-2011 19:33:37; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;50070
5; 871.7; 26-SEP-2011 19:51:18; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;50071
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2; 2944.7; 27-SEP-2011 11:27:57; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;50080
3; 3029.6; 27-SEP-2011 11:29:22; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50080
4; 5532.6; 27-SEP-2011 12:11:05; Dark ; 45.5; 132; 15Rho Pup ; 2.80; 6900;occ; 91; 0;50080
5; 5739.9; 27-SEP-2011 12:14:32; Dark ; 50.0; 88; 31Eta CMA ; 2.45; 20000;occ; 100; 0;50080
6; 5836.1; 27-SEP-2011 12:16:08; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;50080
7; 5947.0; 27-SEP-2011 12:17:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;50080
8; 6069.1; 27-SEP-2011 12:20:01; Dark ; 43.0; 161; Tau Pup ; 2.93; 4500;occ; 86; 0;50081
9; 6152.7; 27-SEP-2011 12:21:25; Dark ; 53.0; 2; Alp Car ; -0.74; 7000;occ; 106; 0;50081
10; 6893.5; 27-SEP-2011 12:33:46; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;50081
11; 7555.6; 27-SEP-2011 12:44:48; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;50081
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3; 3029.2; 27-SEP-2011 13:09:35; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50081
4; 5533.4; 27-SEP-2011 13:51:20; Dark ; 47.0; 132; 15Rho Pup ; 2.80; 6900;occ; 94; 0;50081
5; 5740.9; 27-SEP-2011 13:54:47; Dark ; 47.5; 88; 31Eta CMA ; 2.45; 20000;occ; 95; 0;50081
6; 5837.4; 27-SEP-2011 13:56:24; Dark ; 52.0; 23; 21Eps CMA ; 1.50; 26000;occ; 104; 0;50081
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2; 2944.3; 27-SEP-2011 14:48:24; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;50082
3; 3028.8; 27-SEP-2011 14:49:49; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;50082
4; 5534.2; 27-SEP-2011 15:31:34; Dark ; 47.0; 132; 15Rho Pup ; 2.80; 6900;occ; 94; 0;50082

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 3; 5743.0; 27-SEP-2011 17:15:17; Dark ; 47.5; 88; 31Eta CMA ; 2.45; 20000;occ; 95; 0;50083  
 4; 5839.9; 27-SEP-2011 17:16:54; Dark ; 65.5; 23; 21Eps CMA ; 1.50; 26000;occ; 131; 0;50083  
 5; 6895.9; 27-SEP-2011 17:34:30; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;50084  
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 3; 5743.9; 27-SEP-2011 18:55:32; Dark ; 48.0; 88; 31Eta CMA ; 2.45; 20000;occ; 96; 0;50084  
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 4; 5842.1; 27-SEP-2011 20:37:24; Dark ; 53.0; 23; 21Eps CMA ; 1.50; 26000;occ; 106; 0;50085  
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 3; 887.1; 28-SEP-2011 05:16:13; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50091  
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 3; 5751.8; 28-SEP-2011 08:17:32; Dark ; 47.5; 88; 31Eta CMA ; 2.45; 20000;occ; 95; 0;50092  
 4; 5850.6; 28-SEP-2011 08:19:11; Dark ; 52.0; 23; 21Eps CMA ; 1.50; 26000;occ; 104; 0;50092  
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 2; -261.0; 28-SEP-2011 09:57:47; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50093  
 3; -162.1; 28-SEP-2011 09:59:26; Dark ; 61.0; 23; 21Eps CMA ; 1.50; 26000;occ; 122; 0;50093  
 4; 889.5; 28-SEP-2011 10:16:57; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;50094  
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 2; 3023.7; 28-SEP-2011 10:52:31; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50094  
 3; 5754.0; 28-SEP-2011 11:38:02; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50094  
 4; 5853.1; 28-SEP-2011 11:39:41; Dark ; 57.0; 23; 21Eps CMA ; 1.50; 26000;occ; 114; 0;50094  
 5; 6904.2; 28-SEP-2011 11:57:12; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50095  
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 2; -258.9; 28-SEP-2011 13:18:17; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50095  
 3; -159.6; 28-SEP-2011 13:19:56; Dark ; 54.5; 23; 21Eps CMA ; 1.50; 26000;occ; 109; 0;50095  
 4; 891.1; 28-SEP-2011 13:37:27; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;50096  
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 2; -257.9; 28-SEP-2011 14:58:32; Dark ; 46.0; 88; 31Eta CMA ; 2.45; 20000;occ; 92; 0;50096  
 3; -158.6; 28-SEP-2011 15:00:11; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;50096  
 4; 891.7; 28-SEP-2011 15:17:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;50097  
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 2; 2176.3; 28-SEP-2011 15:39:06; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;50097  
 3; 2426.2; 28-SEP-2011 15:43:16; Bright; 41.5; 58; 21Alp And ; 2.07; 11000;occ; 83; 0;50097

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4; 3022.5; 28-SEP-2011 15:53:12; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;50097
5; 5757.1; 28-SEP-2011 16:38:47; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50097
6; 5856.7; 28-SEP-2011 16:40:26; Dark ; 54.0; 23; 21Eps CMA ; 1.50; 26000;occ; 108; 0;50097
7; 6906.4; 28-SEP-2011 16:57:56; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50098
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2; -256.0; 28-SEP-2011 18:19:02; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50098
3; -156.2; 28-SEP-2011 18:20:41; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;50098
4; 68.2; 28-SEP-2011 18:24:26; Dark ; 45.0; 161; Tau Pup ; 2.93; 4500;occ; 90; 0;50099
5; 152.0; 28-SEP-2011 18:25:50; Dark ; 47.5; 2; Alp Car ; -0.74; 7000;occ; 95; 0;50099
6; 893.2; 28-SEP-2011 18:38:11; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50099
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2; -254.9; 28-SEP-2011 19:59:17; Dark ; 52.0; 88; 31Eta CMA ; 2.45; 20000;occ; 104; 0;50099
3; -154.9; 28-SEP-2011 20:00:57; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;50099
4; 68.9; 28-SEP-2011 20:04:40; Dark ; 50.5; 161; Tau Pup ; 2.93; 4500;occ; 101; 0;50100
5; 152.6; 28-SEP-2011 20:06:04; Dark ; 59.0; 2; Alp Car ; -0.74; 7000;occ; 118; 0;50100
6; 894.0; 28-SEP-2011 20:18:26; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;50100
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2; 155.6; 29-SEP-2011 02:47:03; Dark ; 52.5; 2; Alp Car ; -0.74; 7000;occ; 105; 0;50104
3; 897.0; 29-SEP-2011 02:59:24; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;50104
4; 2652.5; 29-SEP-2011 03:28:40; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;50104
5; 3019.6; 29-SEP-2011 03:34:47; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50104
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2; -147.5; 29-SEP-2011 06:02:28; Dark ; 60.0; 23; 21Eps CMA ; 1.50; 26000;occ; 120; 0;50105
3; 898.5; 29-SEP-2011 06:19:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50106
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2; 2644.1; 29-SEP-2011 23:31:19; Bright; 48.0; 53; 43Bet And ; 2.05; 3300;occ; 96; 0;50116
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2; 2643.5; 30-SEP-2011 01:11:32; Bright; 49.0; 53; 43Bet And ; 2.05; 3300;occ; 98; 0;50117
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2; 2642.8; 30-SEP-2011 02:51:45; Bright; 48.5; 53; 43Bet And ; 2.05; 3300;occ; 97; 0;50118
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