

GOMOS Daily Report 29-AUG-2011

Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM_TRA_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	01SEP2011 07:03:21
Data source version	GOMOS/6.01
Start time of products	29AUG2011 00:07:48
Stop time of products	29AUG2011 18:44:53
Store outputs in DB	Yes
Nb of level 1b prods	128
Nb of prods with errors	1

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

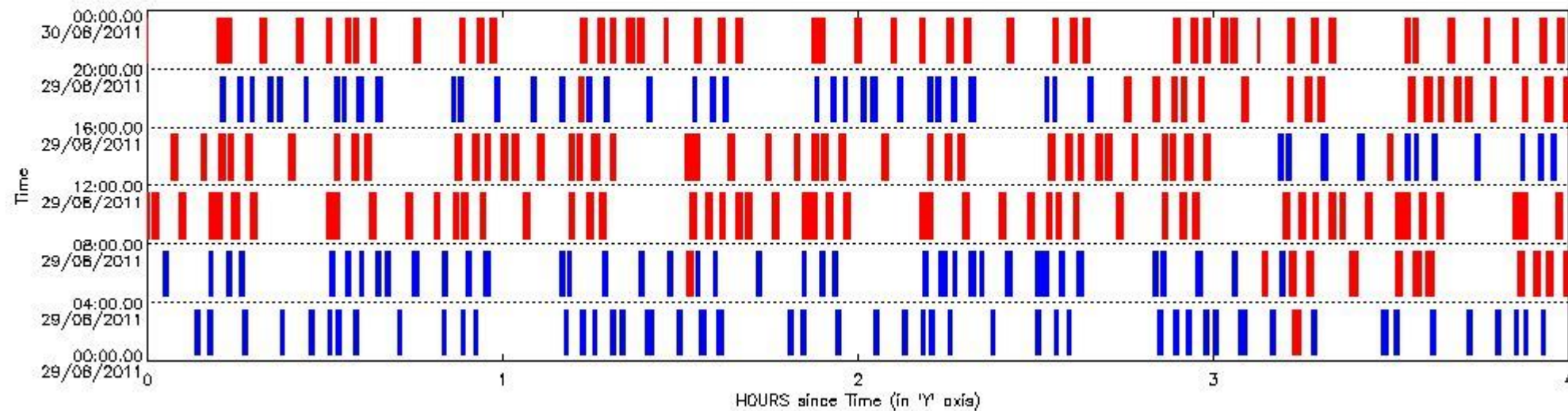
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
29-AUG-2011 03:13:26	11AlpLep	101	49658
29-AUG-2011 05:31:05	22BetAqr	154	49660
29-AUG-2011 07:08:10	49DelCap	142	49661
29-AUG-2011 07:12:49	34AlpAqr	162	49661
29-AUG-2011 07:15:49	8EpsPeg	61	49661
29-AUG-2011 07:23:04	44EtaPeg	164	49661
29-AUG-2011 07:30:47	5AlpCep	89	49661
29-AUG-2011 07:33:47	11BetCas	74	49661
29-AUG-2011 07:35:55	27GamCas	76	49661
29-AUG-2011 07:51:14	34BetAur	42	49661
29-AUG-2011 07:53:59	37TheAur	107	49661
29-AUG-2011 07:56:14	78BetGem	17	49661
29-AUG-2011 07:59:00	13MuGem	151	49661
29-AUG-2011 08:00:44	24GamGem	44	49661
29-AUG-2011 08:05:08	58AlpOri	14	49661

29-AUG-2011 08:10:19	9AlpCMa	1	49661
29-AUG-2011 08:11:39	24Omi2CMa	179	49661
29-AUG-2011 08:14:11	11AlpLep	101	49661
29-AUG-2011 08:17:14	DSA1062	0	49661
29-AUG-2011 08:30:06	AlpHyi	143	49662
29-AUG-2011 08:31:21	AlpEri	9	49662
29-AUG-2011 08:37:17	AlpPhe	84	49662
29-AUG-2011 08:43:32	24AlpPsA	18	49662
29-AUG-2011 08:48:24	49DelCap	142	49662
29-AUG-2011 08:51:33	22BetAqr	154	49662
29-AUG-2011 08:53:03	34AlpAqr	162	49662
29-AUG-2011 08:56:03	8EpsPeg	61	49662
29-AUG-2011 09:03:18	44EtaPeg	164	49662
29-AUG-2011 09:11:01	5AlpCep	89	49662
29-AUG-2011 09:14:00	11BetCas	74	49662
29-AUG-2011 09:16:09	27GamCas	76	49662
29-AUG-2011 09:31:27	34BetAur	42	49662
29-AUG-2011 09:34:13	37TheAur	107	49662
29-AUG-2011 09:36:28	78BetGem	17	49662
29-AUG-2011 09:39:14	13MuGem	151	49662
29-AUG-2011 09:40:58	24GamGem	44	49662
29-AUG-2011 09:45:22	58AlpOri	14	49662
29-AUG-2011 09:50:34	9AlpCMa	1	49662
29-AUG-2011 09:51:53	24Omi2CMa	179	49662
29-AUG-2011 09:54:26	11AlpLep	101	49662
29-AUG-2011 09:57:29	DSA1062	0	49662
29-AUG-2011 10:10:20	AlpHyi	143	49663
29-AUG-2011 10:11:36	AlpEri	9	49663
29-AUG-2011 10:17:32	AlpPhe	84	49663
29-AUG-2011 10:23:46	24AlpPsA	18	49663
29-AUG-2011 10:28:38	49DelCap	142	49663
29-AUG-2011 10:31:47	22BetAqr	154	49663
29-AUG-2011 10:33:17	34AlpAqr	162	49663
29-AUG-2011 10:36:17	8EpsPeg	61	49663
29-AUG-2011 10:43:31	44EtaPeg	164	49663
29-AUG-2011 10:51:15	5AlpCep	89	49663
29-AUG-2011 10:54:13	11BetCas	74	49663
29-AUG-2011 10:56:22	27GamCas	76	49663
29-AUG-2011 11:11:41	34BetAur	42	49663
29-AUG-2011 11:14:27	37TheAur	107	49663
29-AUG-2011 11:16:42	78BetGem	17	49663
29-AUG-2011 11:19:28	13MuGem	151	49663
29-AUG-2011 11:21:13	24GamGem	44	49663
29-AUG-2011 11:25:37	58AlpOri	14	49663
29-AUG-2011 11:30:48	9AlpCMa	1	49663
29-AUG-2011 11:32:08	24Omi2CMa	179	49663
29-AUG-2011 11:34:41	11AlpLep	101	49663
29-AUG-2011 11:37:44	DSA1062	0	49663
29-AUG-2011 11:50:35	AlpHyi	143	49664
29-AUG-2011 11:51:50	AlpEri	9	49664
29-AUG-2011 11:57:47	AlpPhe	84	49664
29-AUG-2011 12:04:00	24AlpPsA	18	49664
29-AUG-2011 12:08:52	49DelCap	142	49664
29-AUG-2011 12:12:01	22BetAqr	154	49664
29-AUG-2011 12:13:31	34AlpAqr	162	49664
29-AUG-2011 12:16:31	8EpsPeg	61	49664
29-AUG-2011 12:23:45	44EtaPeg	164	49664
29-AUG-2011 12:31:29	5AlpCep	89	49664
29-AUG-2011 12:34:27	11BetCas	74	49664

29-AUG-2011 12:36:35	27GamCas	76	49664
29-AUG-2011 12:51:55	34BetAur	42	49664
29-AUG-2011 12:54:41	37TheAur	107	49664
29-AUG-2011 12:56:56	78BetGem	17	49664
29-AUG-2011 12:59:43	13MuGem	151	49664
29-AUG-2011 13:01:27	24GamGem	44	49664
29-AUG-2011 13:05:52	58AlpOri	14	49664
29-AUG-2011 13:11:03	9AlpCMa	1	49664
29-AUG-2011 13:12:22	24Omi2CMa	179	49664
29-AUG-2011 13:14:56	11AlpLep	101	49664
29-AUG-2011 13:18:00	DSA1062	0	49664
29-AUG-2011 13:30:49	AlpHyi	143	49665
29-AUG-2011 13:32:05	AlpEri	9	49665
29-AUG-2011 13:38:01	AlpPhe	84	49665
29-AUG-2011 13:44:15	24AlpPsA	18	49665
29-AUG-2011 13:49:07	49DelCap	142	49665
29-AUG-2011 13:52:15	22BetAqr	154	49665
29-AUG-2011 13:53:45	34AlpAqr	162	49665
29-AUG-2011 13:56:45	8EpsPeg	61	49665
29-AUG-2011 14:03:58	44EtaPeg	164	49665
29-AUG-2011 14:11:42	5AlpCep	89	49665
29-AUG-2011 14:14:40	11BetCas	74	49665
29-AUG-2011 14:16:48	27GamCas	76	49665
29-AUG-2011 14:32:09	34BetAur	42	49665
29-AUG-2011 14:34:55	37TheAur	107	49665
29-AUG-2011 14:37:10	78BetGem	17	49665
29-AUG-2011 14:39:57	13MuGem	151	49665
29-AUG-2011 14:41:41	24GamGem	44	49665
29-AUG-2011 14:46:07	58AlpOri	14	49665
29-AUG-2011 14:51:17	9AlpCMa	1	49665
29-AUG-2011 14:52:37	24Omi2CMa	179	49665
29-AUG-2011 14:55:11	11AlpLep	101	49665
29-AUG-2011 14:58:15	DSA1062	0	49665
29-AUG-2011 15:29:21	49DelCap	142	49666
29-AUG-2011 17:12:43	22BetAqr	154	49667
29-AUG-2011 18:44:57	24AlpPsA	18	49668
29-AUG-2011 18:49:49	49DelCap	142	49668
29-AUG-2011 18:52:59	22BetAqr	154	49668
29-AUG-2011 18:54:27	34AlpAqr	162	49668
29-AUG-2011 18:57:27	8EpsPeg	61	49668
29-AUG-2011 19:04:38	44EtaPeg	164	49668
29-AUG-2011 19:12:24	5AlpCep	89	49668
29-AUG-2011 19:15:20	11BetCas	74	49668
29-AUG-2011 19:17:28	27GamCas	76	49668
29-AUG-2011 19:32:51	34BetAur	42	49668
29-AUG-2011 19:35:37	37TheAur	107	49668
29-AUG-2011 19:37:53	78BetGem	17	49668
29-AUG-2011 19:40:40	13MuGem	151	49668
29-AUG-2011 19:42:24	24GamGem	44	49668
29-AUG-2011 19:46:51	58AlpOri	14	49668
29-AUG-2011 19:52:01	9AlpCMa	1	49668
29-AUG-2011 19:55:57	11AlpLep	101	49668
29-AUG-2011 19:59:00	DSA1062	0	49668
29-AUG-2011 20:11:47	AlpHyi	143	49669
29-AUG-2011 20:13:03	AlpEri	9	49669
29-AUG-2011 20:19:00	AlpPhe	84	49669
29-AUG-2011 20:25:12	24AlpPsA	18	49669
29-AUG-2011 20:30:03	49DelCap	142	49669
29-AUG-2011 20:33:20	22BetAqr	154	49669

29-AUG-2011 20:34:41	34AlpAqr	162	49669
29-AUG-2011 20:37:40	8EpsPeg	61	49669
29-AUG-2011 20:44:52	44EtaPeg	164	49669
29-AUG-2011 20:52:38	5AlpCep	89	49669
29-AUG-2011 20:55:33	11BetCas	74	49669
29-AUG-2011 20:57:41	27GamCas	76	49669
29-AUG-2011 21:13:04	34BetAur	42	49669
29-AUG-2011 21:15:51	37TheAur	107	49669
29-AUG-2011 21:18:07	78BetGem	17	49669
29-AUG-2011 21:20:54	13MuGem	151	49669
29-AUG-2011 21:22:39	24GamGem	44	49669
29-AUG-2011 21:27:05	58AlpOri	14	49669
29-AUG-2011 21:32:16	9AlpCMa	1	49669
29-AUG-2011 21:36:12	11AlpLep	101	49669
29-AUG-2011 21:39:15	DSA1062	0	49669
29-AUG-2011 21:52:02	AlpHyi	143	49670
29-AUG-2011 21:53:18	AlpEri	9	49670
29-AUG-2011 21:59:14	AlpPhe	84	49670
29-AUG-2011 22:05:26	24AlpPsA	18	49670
29-AUG-2011 22:10:17	49DelCap	142	49670
29-AUG-2011 22:14:55	34AlpAqr	162	49670
29-AUG-2011 22:17:54	8EpsPeg	61	49670
29-AUG-2011 22:25:05	44EtaPeg	164	49670
29-AUG-2011 22:32:52	5AlpCep	89	49670
29-AUG-2011 22:35:46	11BetCas	74	49670
29-AUG-2011 22:37:55	27GamCas	76	49670
29-AUG-2011 22:53:18	34BetAur	42	49670
29-AUG-2011 22:56:05	37TheAur	107	49670
29-AUG-2011 22:58:21	78BetGem	17	49670
29-AUG-2011 23:01:08	13MuGem	151	49670
29-AUG-2011 23:02:53	24GamGem	44	49670
29-AUG-2011 23:07:20	58AlpOri	14	49670
29-AUG-2011 23:12:30	9AlpCMa	1	49670
29-AUG-2011 23:16:27	11AlpLep	101	49670
29-AUG-2011 23:19:30	DSA1062	0	49670
29-AUG-2011 23:32:17	AlpHyi	143	49671
29-AUG-2011 23:33:32	AlpEri	9	49671
29-AUG-2011 23:39:29	AlpPhe	84	49671
29-AUG-2011 23:45:40	24AlpPsA	18	49671
29-AUG-2011 23:50:31	49DelCap	142	49671
29-AUG-2011 23:55:09	34AlpAqr	162	49671
29-AUG-2011 23:58:08	8EpsPeg	61	49671

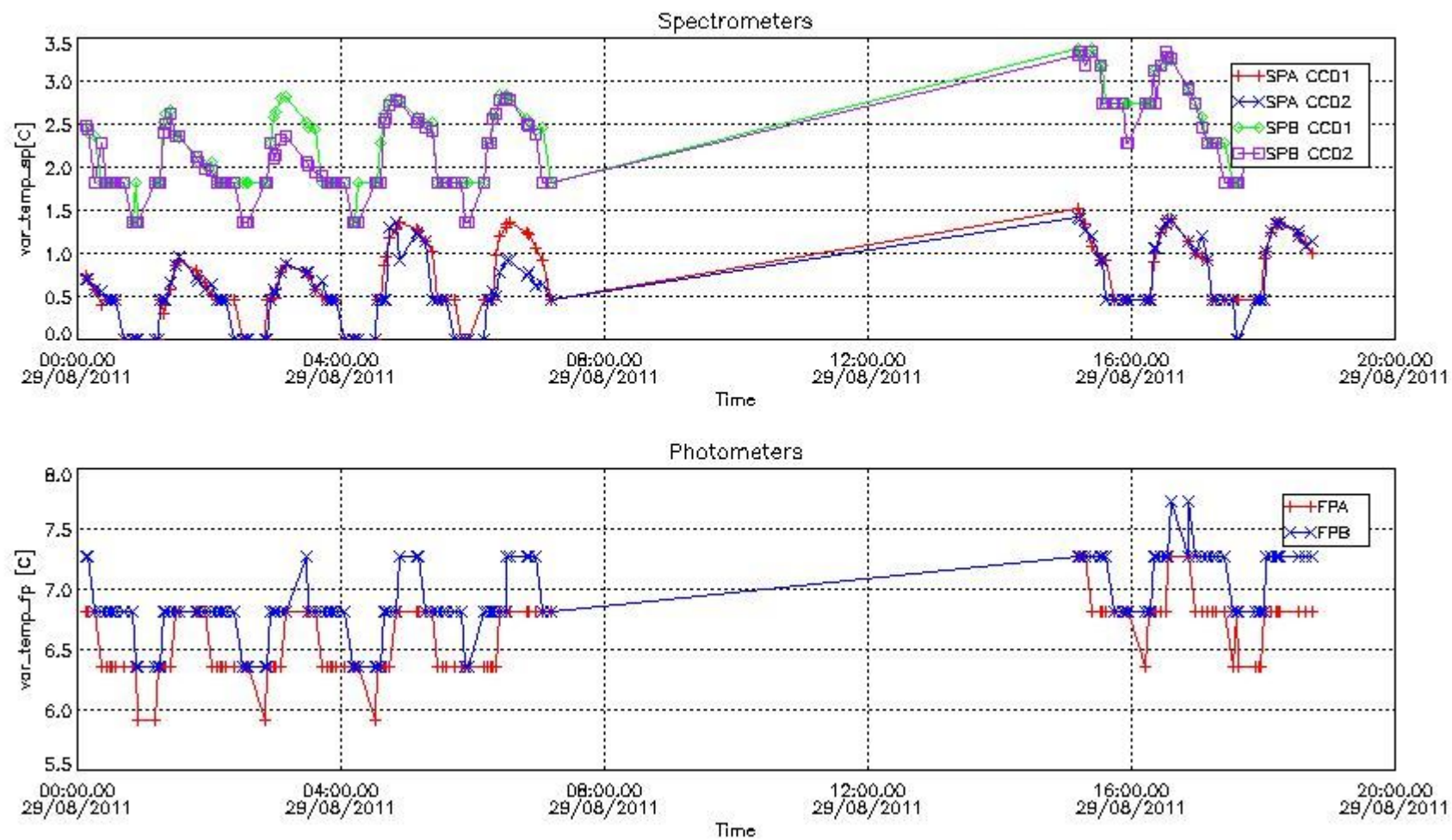
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110829_000748_000000563106_00074_49657_0222.N1	29-AUG-2011 00:07:48	Dark	56.000	157	The1Eri	2.9060	9300.0	112	49657	No
2	GOM_TRA_1PNPDE20110829_001004_000000523106_00074_49657_0223.N1	29-AUG-2011 00:10:04	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49657	No
3	GOM_TRA_1PNPDE20110829_001600_000000513106_00074_49657_0224.N1	29-AUG-2011 00:16:00	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49657	No
4	GOM_TRA_1PNPDE20110829_002216_000000453106_00074_49657_0225.N1	29-AUG-2011 00:22:16	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	49657	No
5	GOM_TRA_1PNPDE20110829_002710_000000453106_00074_49657_0226.N1	29-AUG-2011 00:27:10	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49657	No
6	GOM_TRA_1PNPDE20110829_003019_000000393106_00074_49657_0227.N1	29-AUG-2011 00:30:19	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	49657	No
7	GOM_TRA_1PNPDE20110829_003150_000000413106_00074_49657_0228.N1	29-AUG-2011 00:31:50	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	49657	No
8	GOM_TRA_1PNPDE20110829_003450_000000403106_00074_49657_0229.N1	29-AUG-2011 00:34:50	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	49657	No
9	GOM_TRA_1PNPDE20110829_004206_000000463106_00074_49657_0230.N1	29-AUG-2011 00:42:06	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	49657	No
10	GOM_TRA_1PNPDE20110829_004948_000000353106_00074_49657_0231.N1	29-AUG-2011 00:49:48	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	49657	No
11	GOM_TRA_1PNPDE20110829_005249_000000463106_00074_49657_0232.N1	29-AUG-2011 00:52:49	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49657	No
12	GOM_TRA_1PNPDE20110829_005458_000000463106_00074_49657_0233.N1	29-AUG-2011 00:54:58	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	49657	No

13	GOM_TRA_1PNPDE20110829_011014_000000443106_00074_49657_0234.N1	29-AUG-2011 01:10:14	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	49657	No
14	GOM_TRA_1PNPDE20110829_011300_000000473106_00074_49657_0235.N1	29-AUG-2011 01:13:00	Bright	46.500	107	37The Aur	2.6490	11000.	93	49657	No
15	GOM_TRA_1PNPDE20110829_011513_000000363106_00074_49657_0236.N1	29-AUG-2011 01:15:13	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	49657	No
16	GOM_TRA_1PNPDE20110829_011759_000000573106_00074_49657_0237.N1	29-AUG-2011 01:17:59	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	49657	No
17	GOM_TRA_1PNPDE20110829_011943_000000523106_00074_49657_0238.N1	29-AUG-2011 01:19:43	Tw_i_and_stray	52.000	44	24Gam Gem	1.9280	11000.	104	49657	No
18	GOM_TRA_1PNPDE20110829_012405_000000703106_00074_49657_0239.N1	29-AUG-2011 01:24:05	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	49657	No
19	GOM_TRA_1PNPDE20110829_012917_000000493106_00074_49657_0276.N1	29-AUG-2011 01:29:17	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	49657	No
20	GOM_TRA_1PNPDE20110829_013307_000000573106_00074_49657_0277.N1	29-AUG-2011 01:33:07	Dark	57.000	101	11Alp Lep	2.5820	7000.0	114	49657	No
21	GOM_TRA_1PNPDE20110829_014803_000000543106_00075_49658_0278.N1	29-AUG-2011 01:48:03	Dark	54.000	157	The1Eri	2.9060	9300.0	108	49658	No
22	GOM_TRA_1PNPDE20110829_015019_000000533106_00075_49658_0279.N1	29-AUG-2011 01:50:19	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49658	No
23	GOM_TRA_1PNPDE20110829_015615_000000493106_00075_49658_0280.N1	29-AUG-2011 01:56:15	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	49658	No
24	GOM_TRA_1PNPDE20110829_020231_000000483106_00075_49658_0281.N1	29-AUG-2011 02:02:31	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	49658	No
25	GOM_TRA_1PNPDE20110829_020724_000000523106_00075_49658_0282.N1	29-AUG-2011 02:07:24	Bright	52.000	142	49Del Cap	2.8500	8900.0	104	49658	No
26	GOM_TRA_1PNPDE20110829_021033_000000383106_00075_49658_0283.N1	29-AUG-2011 02:10:33	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	49658	No
27	GOM_TRA_1PNPDE20110829_021203_000000413106_00075_49658_0284.N1	29-AUG-2011 02:12:03	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	49658	No
28	GOM_TRA_1PNPDE20110829_021503_000000393106_00075_49658_0285.N1	29-AUG-2011 02:15:03	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	49658	No
29	GOM_TRA_1PNPDE20110829_022220_000000443106_00075_49658_0286.N1	29-AUG-2011 02:22:20	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	49658	No
30	GOM_TRA_1PNPDE20110829_023001_000000383106_00075_49658_0287.N1	29-AUG-2011 02:30:01	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49658	No
31	GOM_TRA_1PNPDE20110829_023303_000000433106_00075_49658_0288.N1	29-AUG-2011 02:33:03	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	49658	No
32	GOM_TRA_1PNPDE20110829_023511_000000443106_00075_49658_0289.N1	29-AUG-2011 02:35:11	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	49658	No
33	GOM_TRA_1PNPDE20110829_025028_000000453106_00075_49658_0290.N1	29-AUG-2011 02:50:28	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	49658	No
34	GOM_TRA_1PNPDE20110829_025313_000000453106_00075_49658_0291.N1	29-AUG-2011 02:53:13	Bright	45.000	107	37The Aur	2.6490	11000.	90	49658	No
35	GOM_TRA_1PNPDE20110829_025527_000000363106_00075_49658_0292.N1	29-AUG-2011 02:55:27	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	49658	No
36	GOM_TRA_1PNPDE20110829_025813_000000593106_00075_49658_0293.N1	29-AUG-2011 02:58:13	Tw_i_and_stray	58.500	151	13Mu Gem	2.8900	3000.0	117	49658	No
37	GOM_TRA_1PNPDE20110829_025957_000000483106_00075_49658_0294.N1	29-AUG-2011 02:59:57	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	49658	No
38	GOM_TRA_1PNPDE20110829_030419_000000723106_00075_49658_0295.N1	29-AUG-2011 03:04:19	Dark	71.500	14	58Alp Ori	0.87000	3000.0	143	49658	No
39	GOM_TRA_1PNPDE20110829_030932_000000513106_00075_49658_0296.N1	29-AUG-2011 03:09:32	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	49658	No
40	GOM_TRA_1PNPDE20110829_032818_000000573106_00076_49659_0297.N1	29-AUG-2011 03:28:18	Dark	56.500	157	The1Eri	2.9060	9300.0	113	49659	No
41	GOM_TRA_1PNPDE20110829_033033_000000443106_00076_49659_0298.N1	29-AUG-2011 03:30:33	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49659	No
42	GOM_TRA_1PNPDE20110829_033630_000000493106_00076_49659_0299.N1	29-AUG-2011 03:36:30	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49659	No
43	GOM_TRA_1PNPDE20110829_034245_000000493106_00076_49659_0300.N1	29-AUG-2011 03:42:45	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	49659	No
44	GOM_TRA_1PNPDE20110829_034738_000000473106_00076_49659_0301.N1	29-AUG-2011 03:47:38	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	49659	No
45	GOM_TRA_1PNPDE20110829_035047_000000393106_00076_49659_0302.N1	29-AUG-2011 03:50:47	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	49659	No
46	GOM_TRA_1PNPDE20110829_035217_000000413106_00076_49659_0303.N1	29-AUG-2011 03:52:17	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	49659	No
47	GOM_TRA_1PNPDE20110829_035517_000000383106_00076_49659_0304.N1	29-AUG-2011 03:55:17	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	49659	No
48	GOM_TRA_1PNPDE20110829_040233_000000453106_00076_49659_0305.N1	29-AUG-2011 04:02:33	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	49659	No
49	GOM_TRA_1PNPDE20110829_041015_000000373106_00076_49659_0306.N1	29-AUG-2011 04:10:15	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49659	No
50	GOM_TRA_1PNPDE20110829_041316_000000443106_00076_49659_0307.N1	29-AUG-2011 04:13:16	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49659	No
51	GOM_TRA_1PNPDE20110829_041525_000000483106_00076_49659_0308.N1	29-AUG-2011 04:15:25	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49659	No
52	GOM_TRA_1PNPDE20110829_043042_000000463106_00076_49659_0323.N1	29-AUG-2011 04:30:42	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	49659	No
53	GOM_TRA_1PNPDE20110829_043328_000000463106_00076_49659_0324.N1	29-AUG-2011 04:33:28	Bright	46.000	107	37The Aur	2.6490	11000.	92	49659	No
54	GOM_TRA_1PNPDE20110829_043541_000000363106_00076_49659_0325.N1	29-AUG-2011 04:35:41	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	49659	No
55	GOM_TRA_1PNPDE20110829_043827_000000543106_00076_49659_0326.N1	29-AUG-2011 04:38:27	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	49659	No
56	GOM_TRA_1PNPDE20110829_044011_000000493106_00076_49659_0327.N1	29-AUG-2011 04:40:11	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	49659	No
57	GOM_TRA_1PNPDE20110829_044434_000000753106_00076_49659_0328.N1	29-AUG-2011 04:44:34	Dark	75.000	14	58Alp Ori	0.87000	3000.0	150	49659	No
58	GOM_TRA_1PNPDE20110829_044946_000000513106_00076_49659_0329.N1	29-AUG-2011 04:49:46	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	49659	No
59	GOM_TRA_1PNPDE20110829_045337_000000573106_00076_49659_0330.N1	29-AUG-2011 04:53:37	Dark	56.500	101	11Alp Lep	2.5820	7000.0	113	49659	No
60	GOM_TRA_1PNPDE20110829_050933_000000413106_00077_49660_0331.N1	29-AUG-2011 05:09:33	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	49660	No
61	GOM_TRA_1PNPDE20110829_051048_000000443106_00077_49660_0332.N1	29-AUG-2011 05:10:48	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49660	No
62	GOM_TRA_1PNPDE20110829_051644_000000513106_00077_49660_0333.N1	29-AUG-2011 05:16:44	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49660	No
63	GOM_TRA_1PNPDE20110829_052259_000000473106_00077_49660_0334.N1	29-AUG-2011 05:22:59	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	49660	No
64	GOM_TRA_1PNPDE20110829_052752_000000443106_00077_49660_0335.N1	29-AUG-2011 05:27:52	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49660	No
65	GOM_TRA_1PNPDE20110829_053231_000000413106_00077_49660_0336.N1	29-AUG-2011 05:32:31	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	49660	No
66	GOM_TRA_1PNPDE20110829_053531_000000393106_00077_49660_0337.N1	29-AUG-2011 05:35:31	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	49660	No
67	GOM_TRA_1PNPDE20110829_054247_000000463106_00077_49660_0338.N1	29-AUG-2011 05:42:47	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	49660	No
68	GOM_TRA_1PNPDE20110829_055029_000000373106_00077_49660_0339.N1	29-AUG-2011 05:50:29	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49660	No
69	GOM_TRA_1PNPDE20110829_055330_000000433106_00077_49660_0340.N1	29-AUG-2011 05:53:30	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	49660	No
70	GOM_TRA_1PNPDE20110829_055538_000000473106_00077_49660_0341.N1	29-AUG-2011 05:55:38	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	49660	No
71	GOM_TRA_1PNPDK20110829_061056_000000423106_00077_49660_7554.N1	29-AUG-2011 06:10:56	Bright	42.000	42	34Bet Aur	1.9000	10200.	84	49660	No

72	GOM_TRA_1PNPDK20110829_061342_000000673106_00077_49660_7555.N1	29-AUG-2011 06:13:42	Bright	67.000	107	37The Aur	2.6490	11000.	134	49660	No
73	GOM_TRA_1PNPDK20110829_061556_000000353106_00077_49660_7556.N1	29-AUG-2011 06:15:56	Bright	35.000	17	78Bet Gem	1.1610	4500.0	70	49660	No
74	GOM_TRA_1PNPDK20110829_061842_000000593106_00077_49660_7557.N1	29-AUG-2011 06:18:42	Tw_i_and_stray	58.500	151	13Mu Gem	2.8900	3000.0	117	49660	No
75	GOM_TRA_1PNPDK20110829_062026_000000473106_00077_49660_7558.N1	29-AUG-2011 06:20:26	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	49660	No
76	GOM_TRA_1PNPDK20110829_062449_000000673106_00077_49660_7559.N1	29-AUG-2011 06:24:49	Dark	67.000	14	58Alp Ori	0.87000	3000.0	134	49660	No
77	GOM_TRA_1PNPDK20110829_063001_000000513106_00077_49660_7560.N1	29-AUG-2011 06:30:01	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	49660	No
78	GOM_TRA_1PNPDK20110829_063121_000000413106_00077_49660_7561.N1	29-AUG-2011 06:31:21	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	49660	No
79	GOM_TRA_1PNPDK20110829_063352_000000523106_00077_49660_7562.N1	29-AUG-2011 06:33:52	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	49660	No
80	GOM_TRA_1PNPDK20110829_064947_000000413106_00078_49661_7563.N1	29-AUG-2011 06:49:47	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	49661	No
81	GOM_TRA_1PNPDK20110829_065102_000000433106_00078_49661_7564.N1	29-AUG-2011 06:51:02	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49661	No
82	GOM_TRA_1PNPDK20110829_065659_000000583106_00078_49661_7565.N1	29-AUG-2011 06:56:59	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	49661	No
83	GOM_TRA_1PNPDK20110829_070314_000000473106_00078_49661_7566.N1	29-AUG-2011 07:03:14	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	49661	No
84	GOM_TRA_1PNPDK20110829_071115_000000363106_00078_49661_7574.N1	29-AUG-2011 07:11:15	Bright	35.500	154	22Bet Aqr	2.8990	5700.0	71	49661	No
85	GOM_TRA_1PNPDK20110829_151100_000000413106_00083_49666_7680.N1	29-AUG-2011 15:11:00	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	49666	No
86	GOM_TRA_1PNPDK20110829_151215_000000433106_00083_49666_7681.N1	29-AUG-2011 15:12:15	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49666	No
87	GOM_TRA_1PNPDK20110829_151812_000000563106_00083_49666_7682.N1	29-AUG-2011 15:18:12	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49666	No
88	GOM_TRA_1PNPDK20110829_152425_000000493106_00083_49666_7709.N1	29-AUG-2011 15:24:25	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	49666	No
89	GOM_TRA_1PNPDK20110829_153225_000000393106_00083_49666_7710.N1	29-AUG-2011 15:32:25	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	49666	No
90	GOM_TRA_1PNPDK20110829_153355_000000413106_00083_49666_7711.N1	29-AUG-2011 15:33:55	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	49666	No
91	GOM_TRA_1PNPDK20110829_153655_000000403106_00083_49666_7712.N1	29-AUG-2011 15:36:55	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	49666	No
92	GOM_TRA_1PNPDK20110829_154408_000000453106_00083_49666_7713.N1	29-AUG-2011 15:44:08	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	49666	No
93	GOM_TRA_1PNPDK20110829_155152_000000373106_00083_49666_7714.N1	29-AUG-2011 15:51:52	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49666	No
94	GOM_TRA_1PNPDK20110829_155449_000000433106_00083_49666_7715.N1	29-AUG-2011 15:54:49	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	49666	No
95	GOM_TRA_1PNPDK20110829_155658_000000463106_00083_49666_7716.N1	29-AUG-2011 15:56:58	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	49666	No
96	GOM_TRA_1PNPDK20110829_161219_000000473106_00083_49666_7717.N1	29-AUG-2011 16:12:19	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	49666	No
97	GOM_TRA_1PNPDK20110829_161505_000000463106_00083_49666_7718.N1	29-AUG-2011 16:15:05	Bright	45.500	107	37The Aur	2.6490	11000.	91	49666	No
98	GOM_TRA_1PNPDK20110829_161720_000000363106_00083_49666_7719.N1	29-AUG-2011 16:17:20	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	49666	No
99	GOM_TRA_1PNPDK20110829_162007_000000553106_00083_49666_7720.N1	29-AUG-2011 16:20:07	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	49666	No
100	GOM_TRA_1PNPDK20110829_162152_000000513106_00083_49666_7721.N1	29-AUG-2011 16:21:52	Tw_i_and_stray	51.000	44	24Gam Gem	1.9280	11000.	102	49666	No
101	GOM_TRA_1PNPDK20110829_162617_000000463106_00083_49666_7722.N1	29-AUG-2011 16:26:17	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49666	No
102	GOM_TRA_1PNPDK20110829_163128_000000533106_00083_49666_7723.N1	29-AUG-2011 16:31:28	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	49666	No
103	GOM_TRA_1PNPDK20110829_163247_000000413106_00083_49666_7724.N1	29-AUG-2011 16:32:47	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	49666	No
104	GOM_TRA_1PNPDK20110829_163523_000000593106_00083_49666_7725.N1	29-AUG-2011 16:35:23	Dark	59.000	101	11Alp Lep	2.5820	7000.0	118	49666	No
105	GOM_TRA_1PNPDK20110829_165115_000000423106_00084_49667_7726.N1	29-AUG-2011 16:51:15	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	49667	No
106	GOM_TRA_1PNPDK20110829_165230_000000433106_00084_49667_7727.N1	29-AUG-2011 16:52:30	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49667	No
107	GOM_TRA_1PNPDK20110829_165826_000000533106_00084_49667_7728.N1	29-AUG-2011 16:58:26	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49667	No
108	GOM_TRA_1PNPDK20110829_170439_000000503106_00084_49667_7748.N1	29-AUG-2011 17:04:39	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	49667	No
109	GOM_TRA_1PNPDK20110829_170931_000000433106_00084_49667_7749.N1	29-AUG-2011 17:09:31	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49667	No
110	GOM_TRA_1PNPDK20110829_171409_000000413106_00084_49667_7750.N1	29-AUG-2011 17:14:09	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	49667	No
111	GOM_TRA_1PNPDK20110829_171709_000000393106_00084_49667_7751.N1	29-AUG-2011 17:17:09	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	49667	No
112	GOM_TRA_1PNPDK20110829_172421_000000443106_00084_49667_7752.N1	29-AUG-2011 17:24:21	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	49667	No
113	GOM_TRA_1PNPDK20110829_173206_000000373106_00084_49667_7753.N1	29-AUG-2011 17:32:06	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49667	No
114	GOM_TRA_1PNPDK20110829_173503_000000463106_00084_49667_7754.N1	29-AUG-2011 17:35:03	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49667	No
115	GOM_TRA_1PNPDK20110829_173711_000000453106_00084_49667_7755.N1	29-AUG-2011 17:37:11	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	49667	No
116	GOM_TRA_1PNPDK20110829_175233_000000463106_00084_49667_7756.N1	29-AUG-2011 17:52:33	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	49667	No
117	GOM_TRA_1PNPDK20110829_175520_000000443106_00084_49667_7757.N1	29-AUG-2011 17:55:20	Bright	43.500	107	37The Aur	2.6490	11000.	87	49667	No
118	GOM_TRA_1PNPDK20110829_175735_000000353106_00084_49667_7758.N1	29-AUG-2011 17:57:35	Bright	35.000	17	78Bet Gem	1.1610	4500.0	70	49667	No
119	GOM_TRA_1PNPDK20110829_180022_000000573106_00084_49667_7759.N1	29-AUG-2011 18:00:22	Tw_i_and_stray	57.000	151	13Mu Gem	2.8900	3000.0	114	49667	No
120	GOM_TRA_1PNPDK20110829_180206_000000543106_00084_49667_7760.N1	29-AUG-2011 18:02:06	Tw_i_and_stray	53.500	44	24Gam Gem	1.9280	11000.	107	49667	No
121	GOM_TRA_1PNPDK20110829_180632_000000463106_00084_49667_7761.N1	29-AUG-2011 18:06:32	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49667	No
122	GOM_TRA_1PNPDK20110829_181143_000000503106_00084_49667_7762.N1	29-AUG-2011 18:11:43	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	49667	No
123	GOM_TRA_1PNPDK20110829_181302_000000423106_00084_49667_7763.N1	29-AUG-2011 18:13:02	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	49667	No
124	GOM_TRA_1PNPDK20110829_181538_000000543106_00084_49667_7764.N1	29-AUG-2011 18:15:38	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	49667	No
125	GOM_TRA_1PNPDK20110829_183129_000000423106_00085_49668_7765.N1	29-AUG-2011 18:31:29	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	49668	No
126	GOM_TRA_1PNPDK20110829_183245_000000423106_00085_49668_7766.N1	29-AUG-2011 18:32:45	Dark	42.000	9	Alp Eri	0.45300	24000.	84	49668	No
127	GOM_TRA_1PNPDK20110829_183841_000000493106_00085_49668_7776.N1	29-AUG-2011 18:38:41	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49668	Yes
128	GOM_TRA_1PNPDK20110829_184453_000000483106_00085_49668_7777.N1	29-AUG-2011 18:44:53	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	49668	No

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



4. Overview of dark signal processing per product

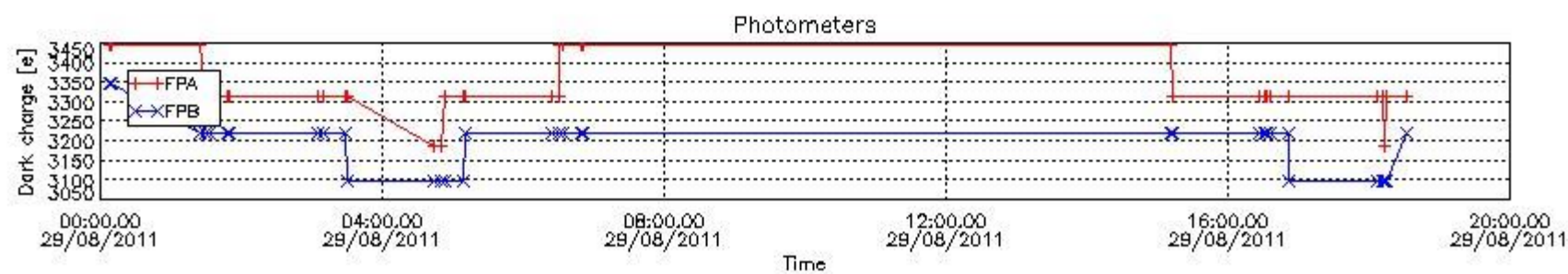
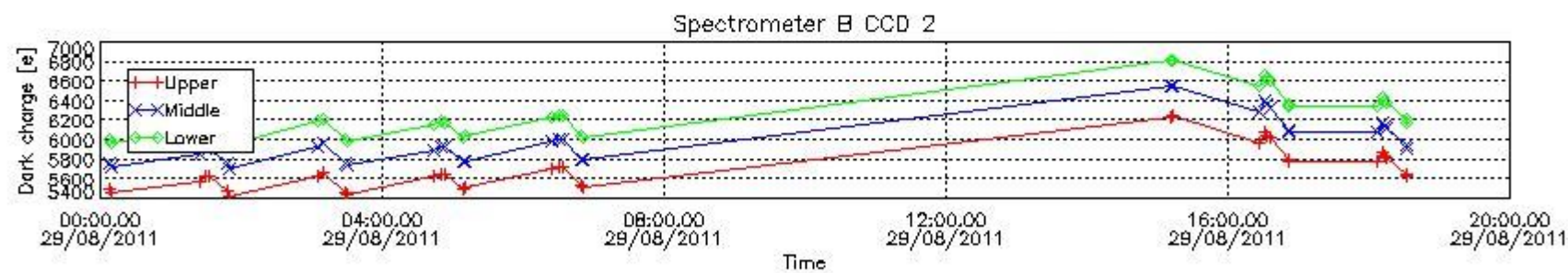
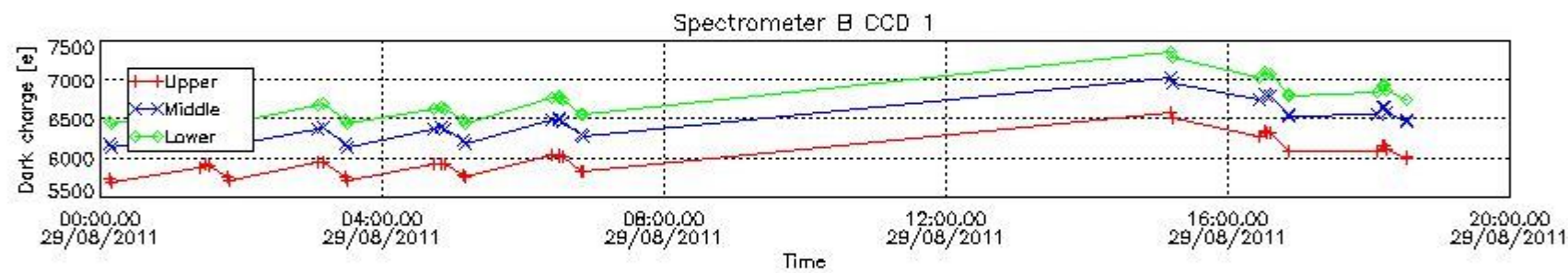
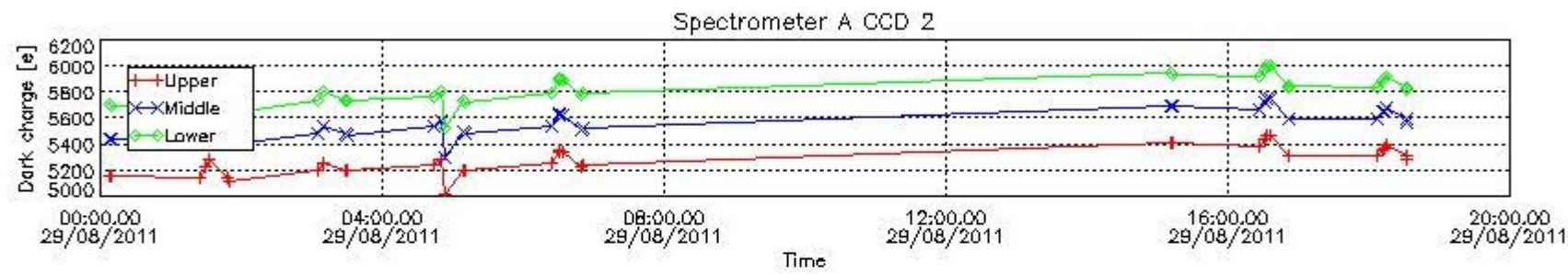
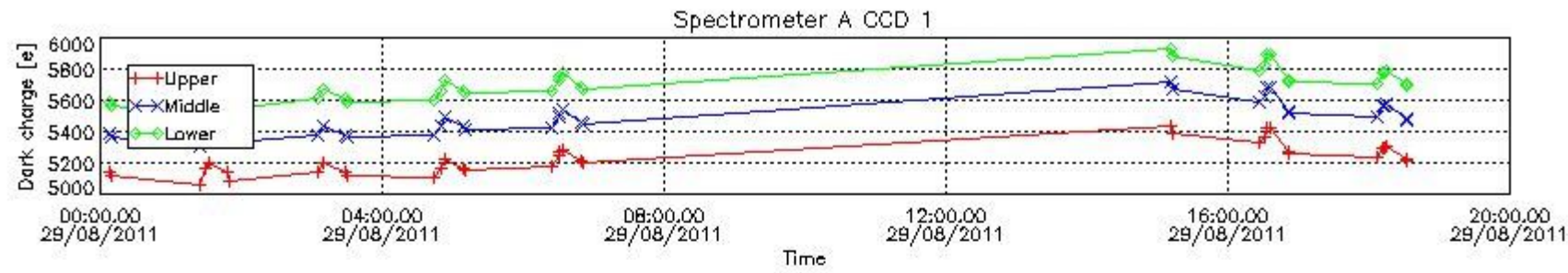
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDK20110829_071115_000000363106_00078_49661_7574.N1	DC map used
GOM_TRA_1PNPDK20110829_151100_000000413106_00083_49666_7680.N1	DC map used
GOM_TRA_1PNPDK20110829_151215_000000433106_00083_49666_7681.N1	DC map used
GOM_TRA_1PNPDK20110829_151812_000000563106_00083_49666_7682.N1	DC map used
GOM_TRA_1PNPDK20110829_183841_000000493106_00085_49668_7776.N1	DC map with no T dep.
GOM_TRA_1PNPDK20110829_184453_000000483106_00085_49668_7777.N1	DC map used

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



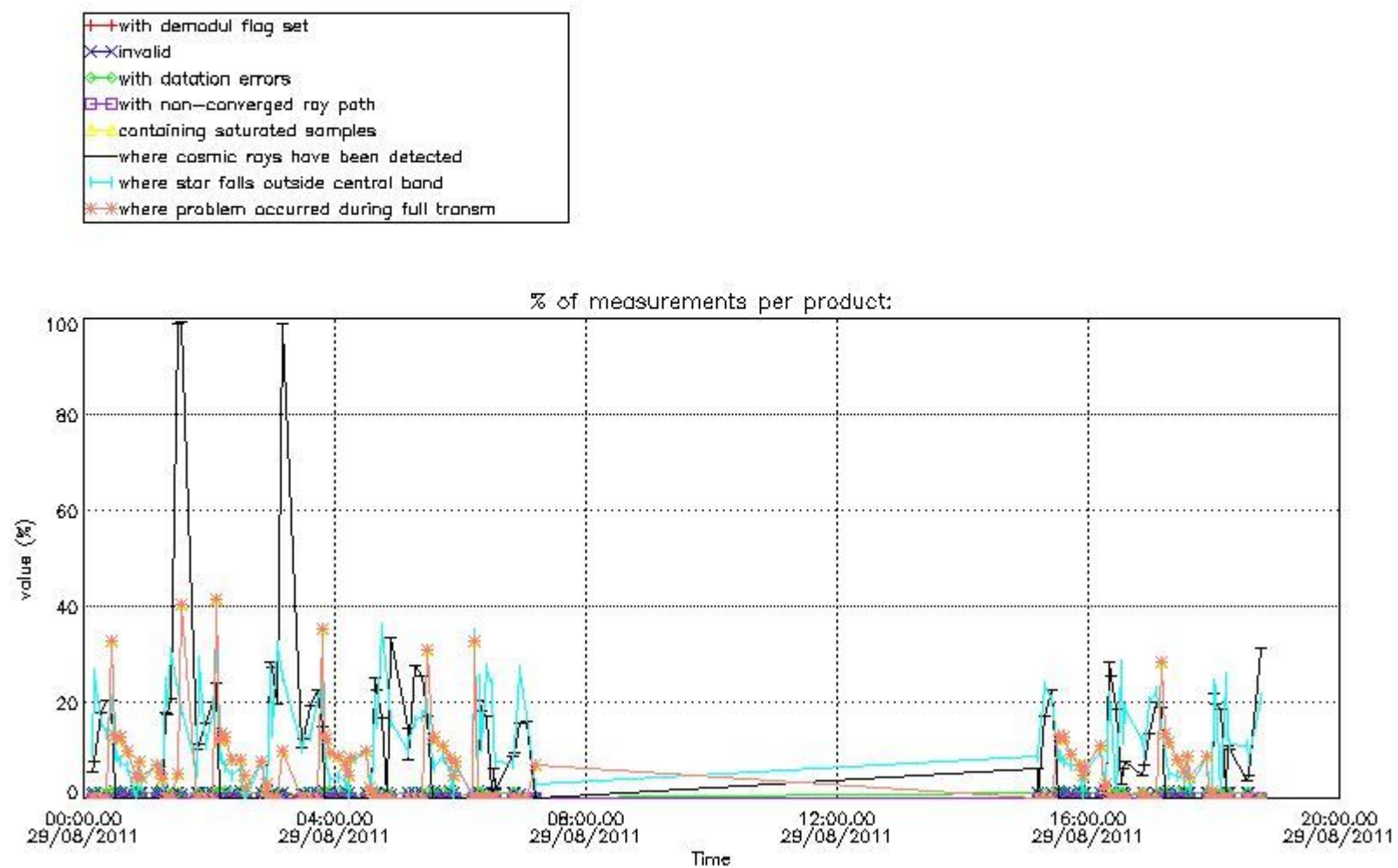
5. Demodulation flag and quality information monitoring

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.

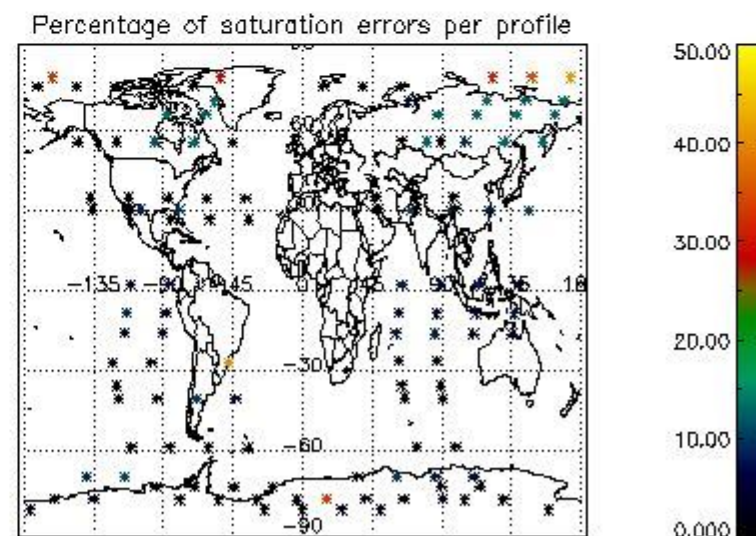
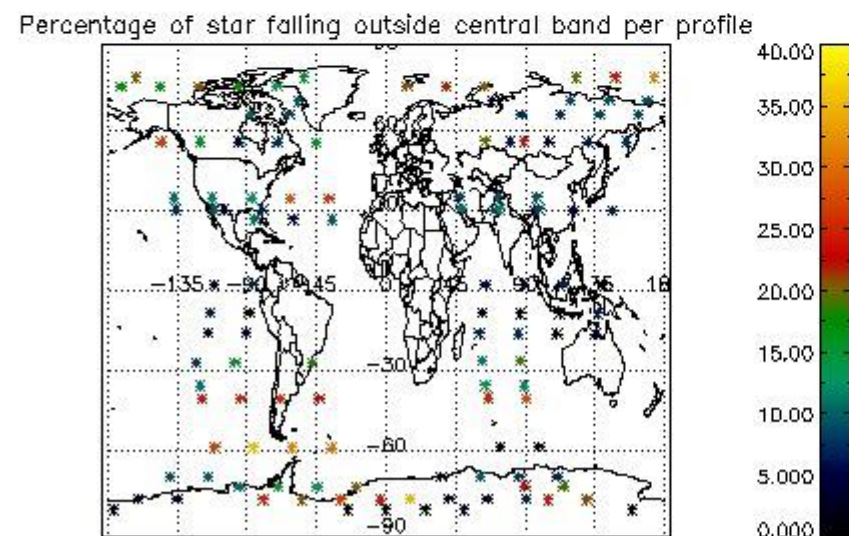
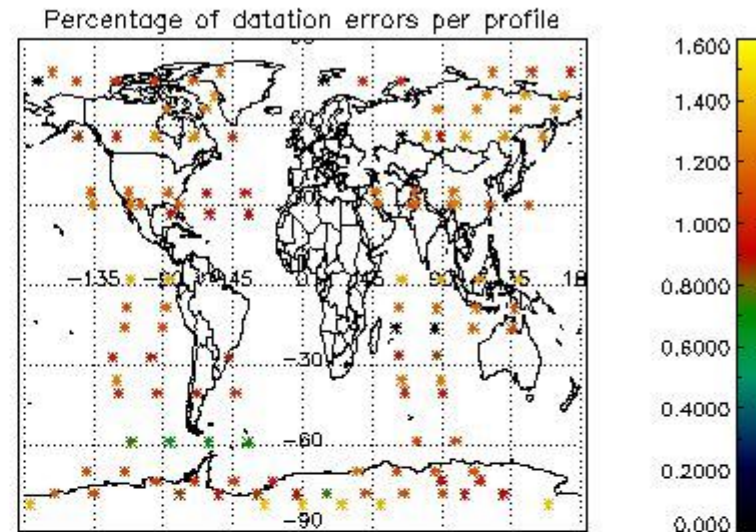
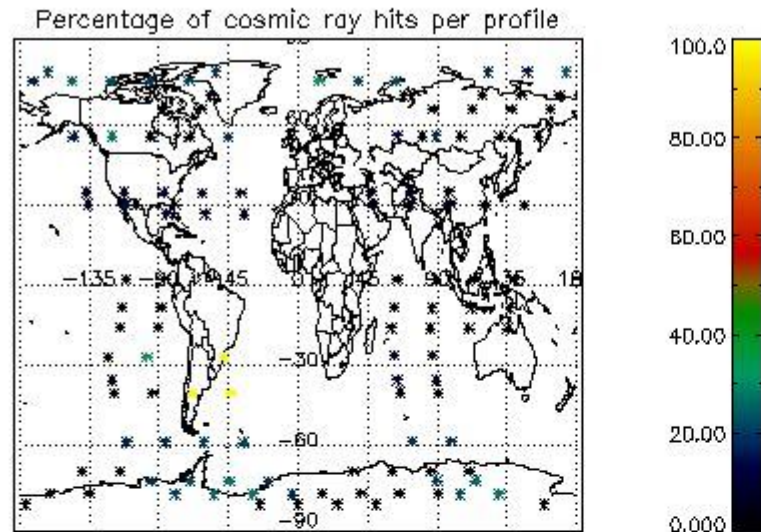
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	48.8189 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	50.3937 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



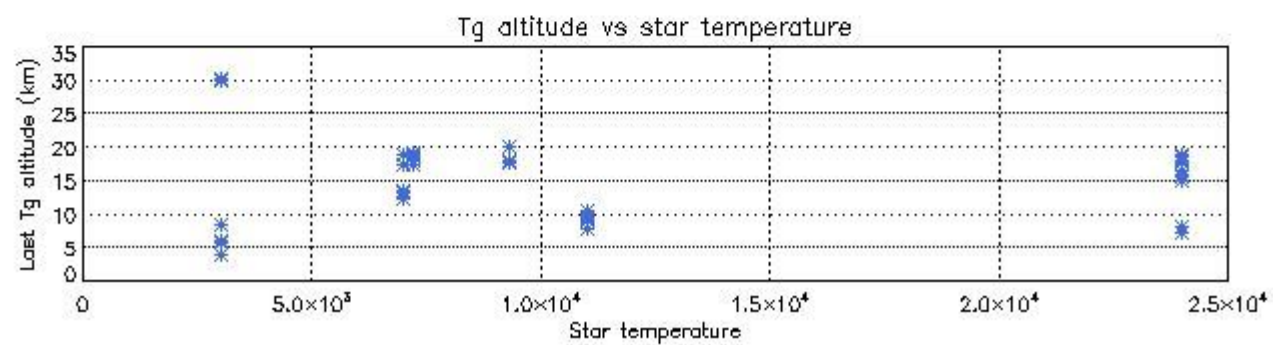
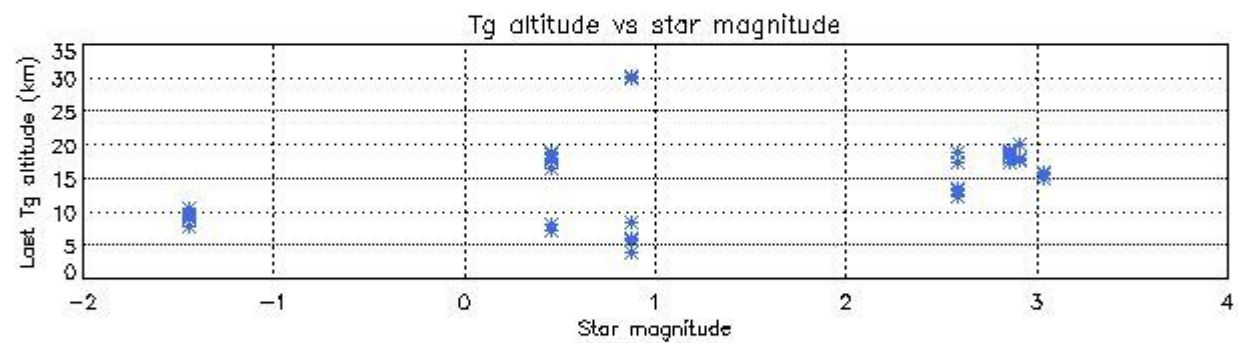
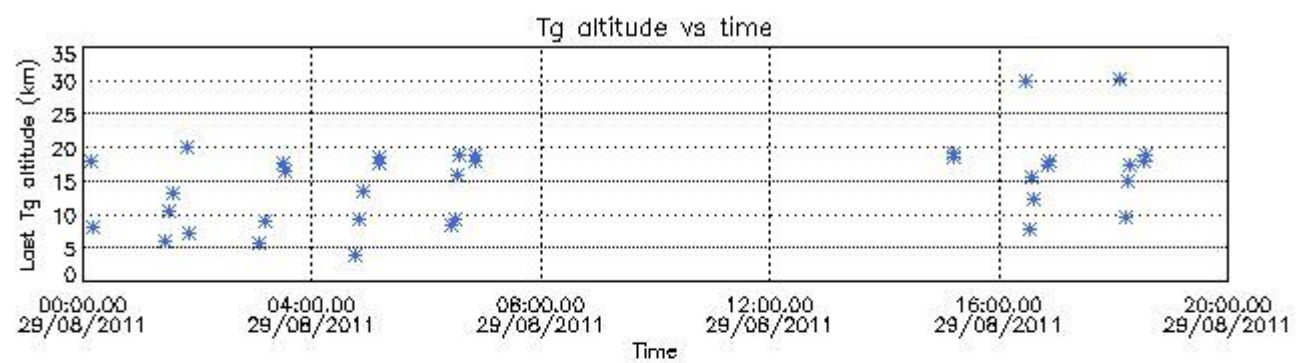
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.751	20.406	NaN
St. deviation:	6.0535	4.4246	NaN
Maximum:	30.143	27.649	NaN
Minimum:	3.8651	4.2900	NaN
Number of data:	36.000	64.000	NaN

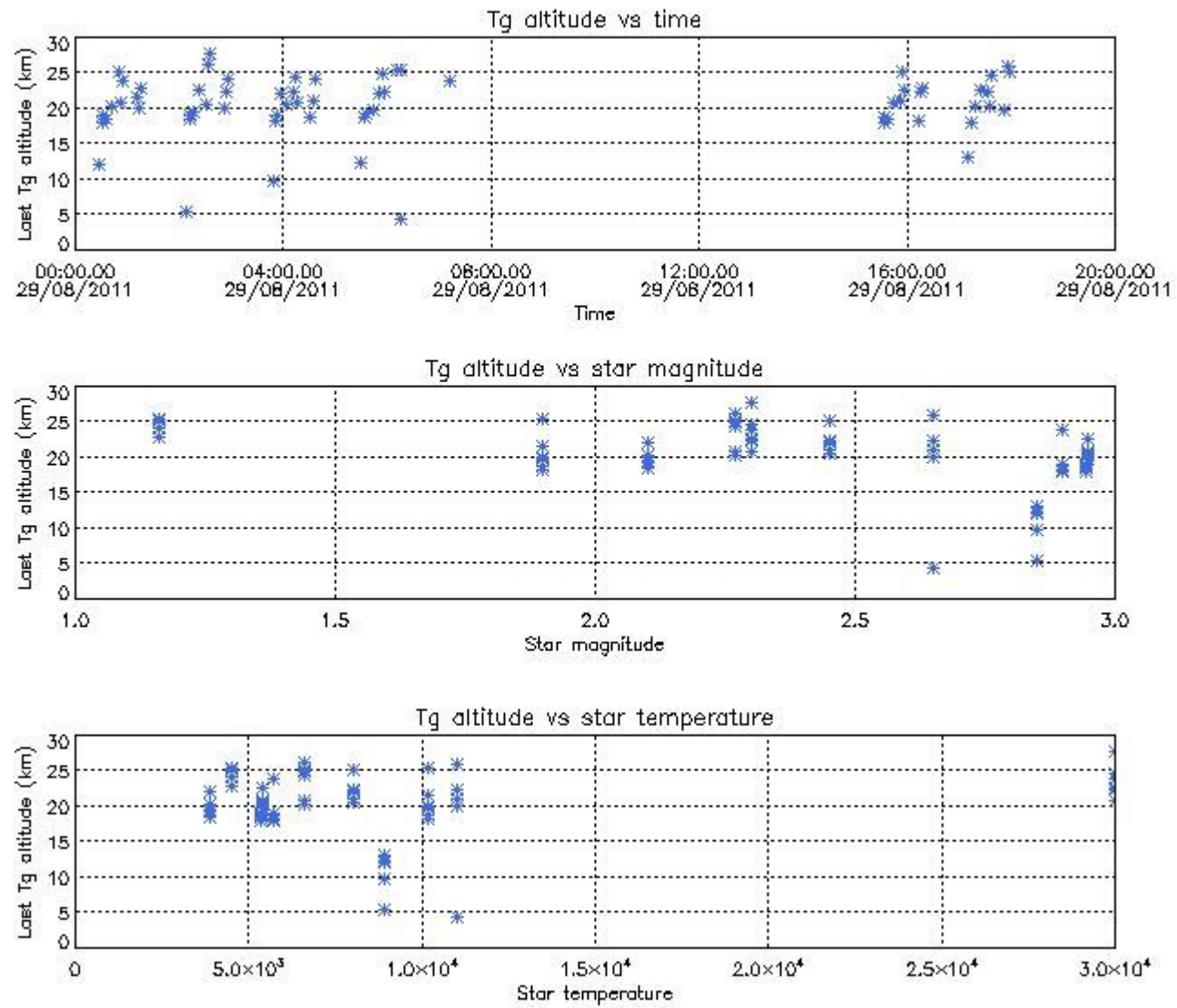
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

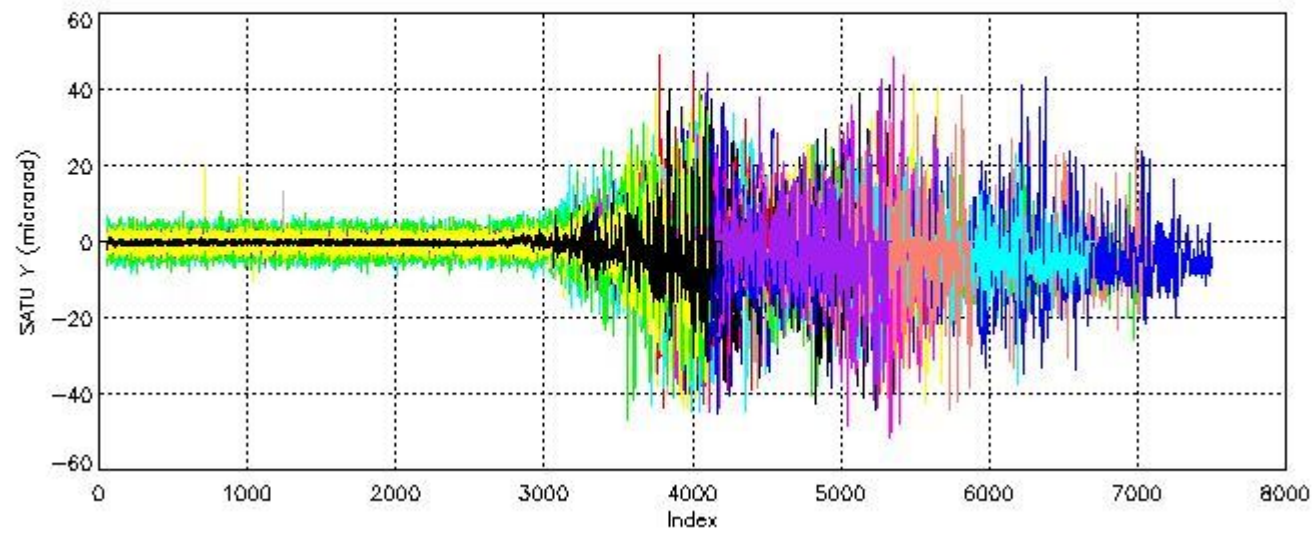
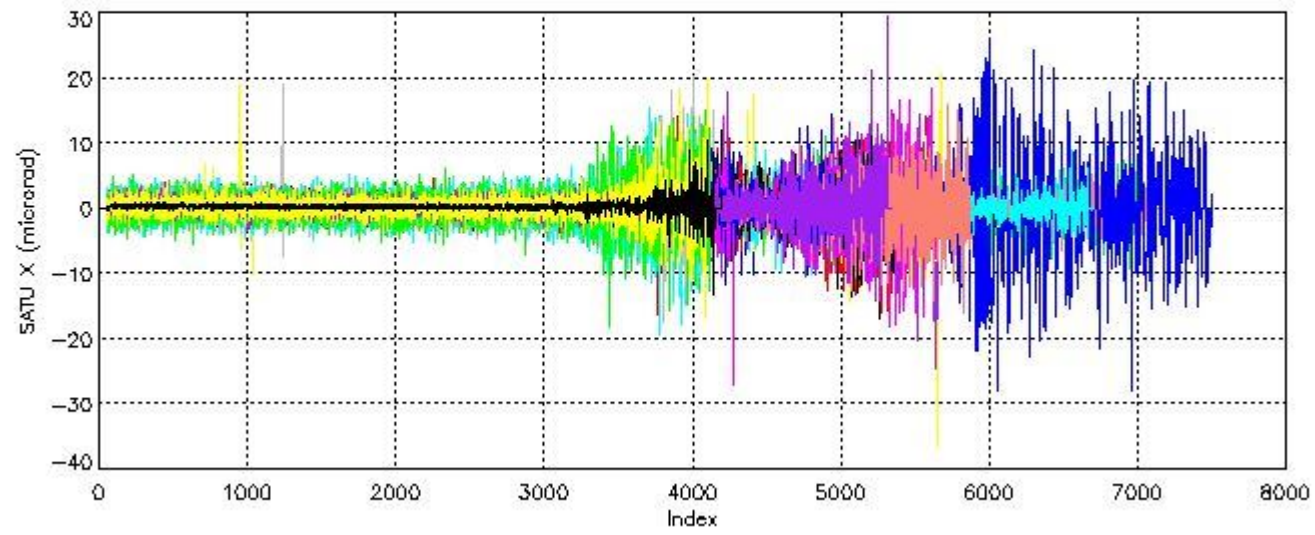


7. Star Acquisition and Tracking Unit (SATU)

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:	0.22620	-0.24168	0.20688	-0.25213
St. deviation:	0.57680	0.86650	0.76955	0.98552
Maximum:	18.800	19.600	5.0000	5.7000
Minimum:	-10.200	-10.400	-4.0000	-5.9000

Number of data:	38800.	38800.	62600.	62600.
90Percentile:	1.0000	0.80000	1.3000	1.1000

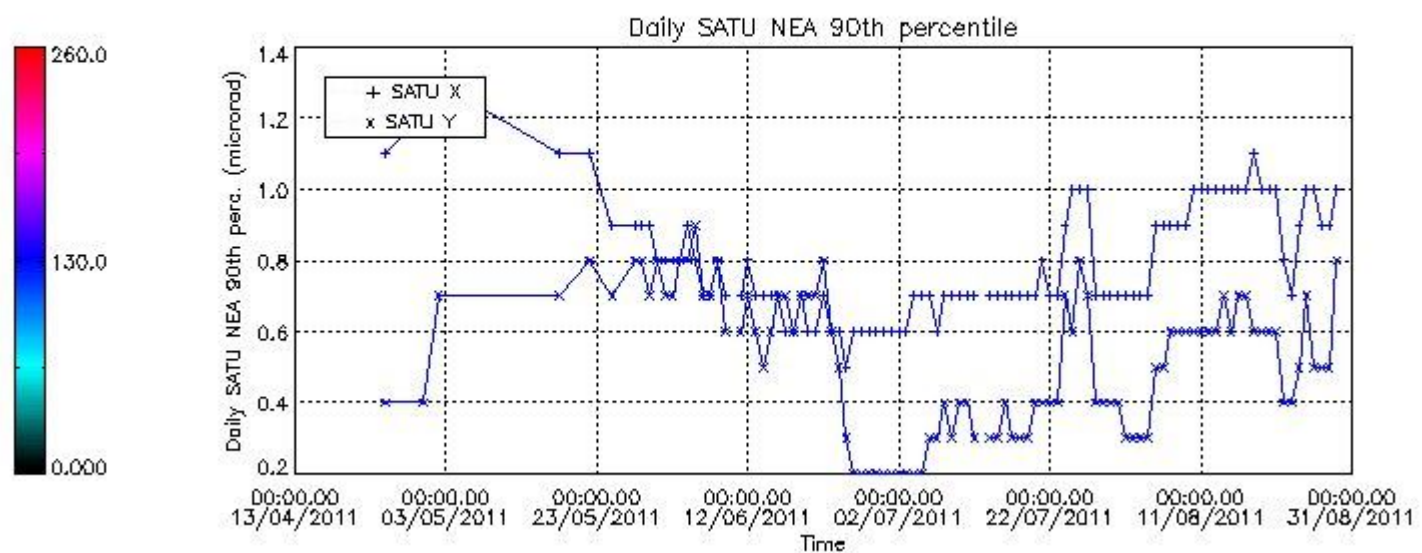
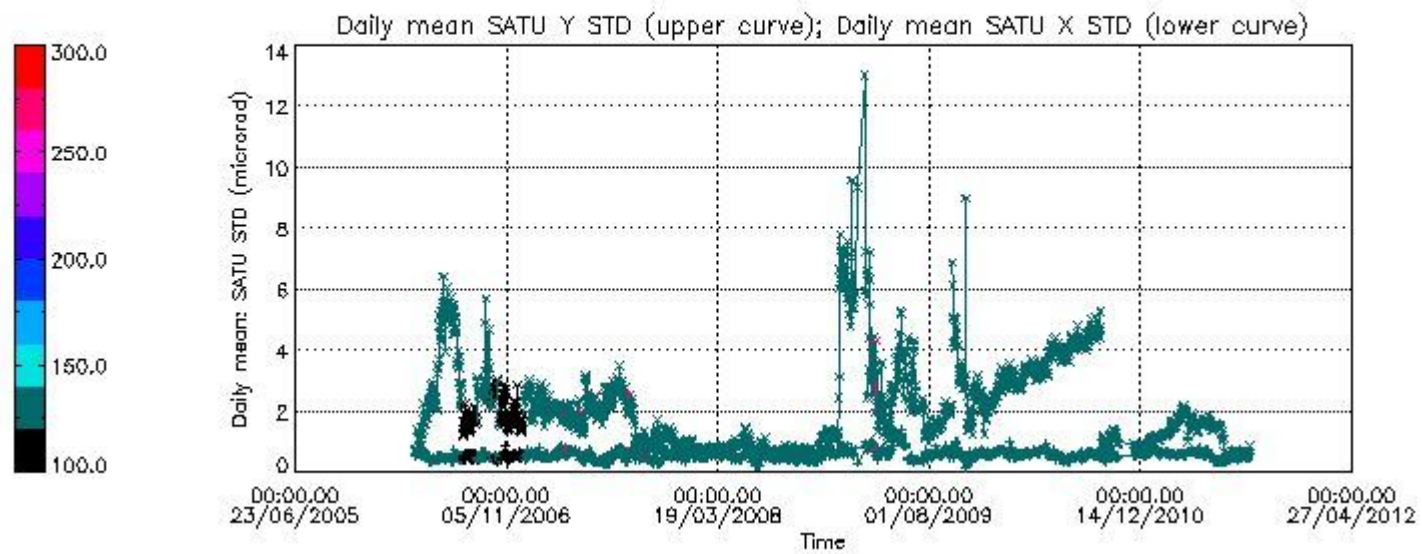
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

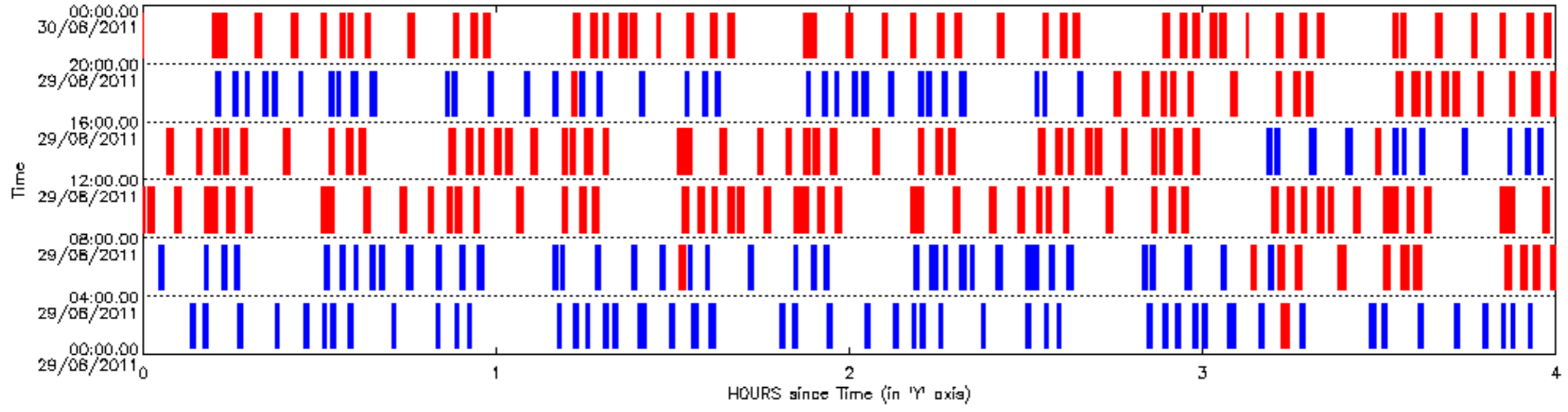
Lower curve: STD of SATU X axis

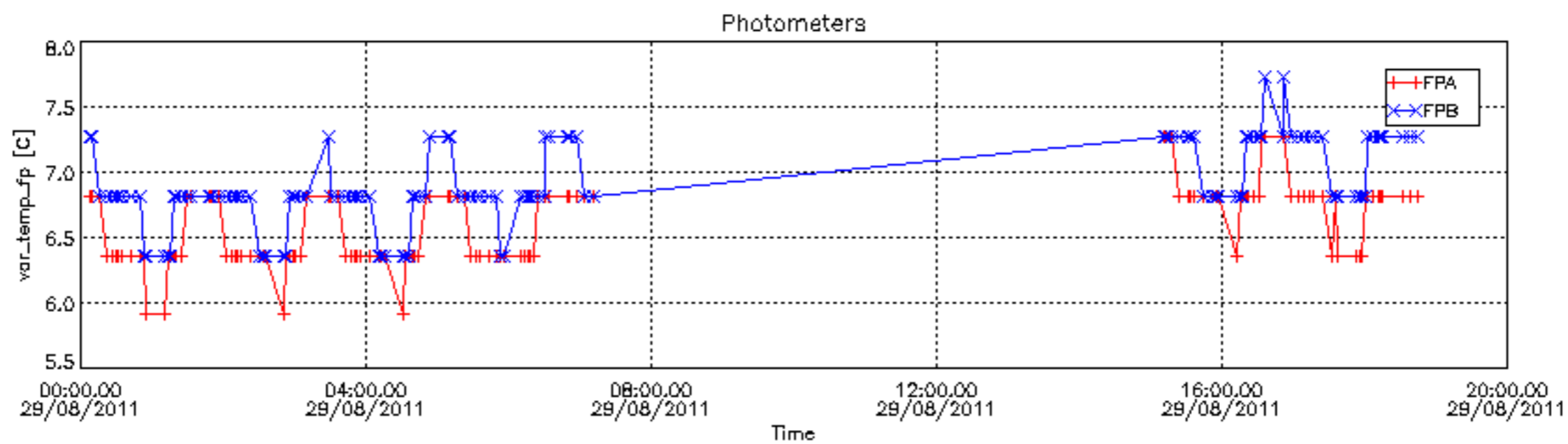
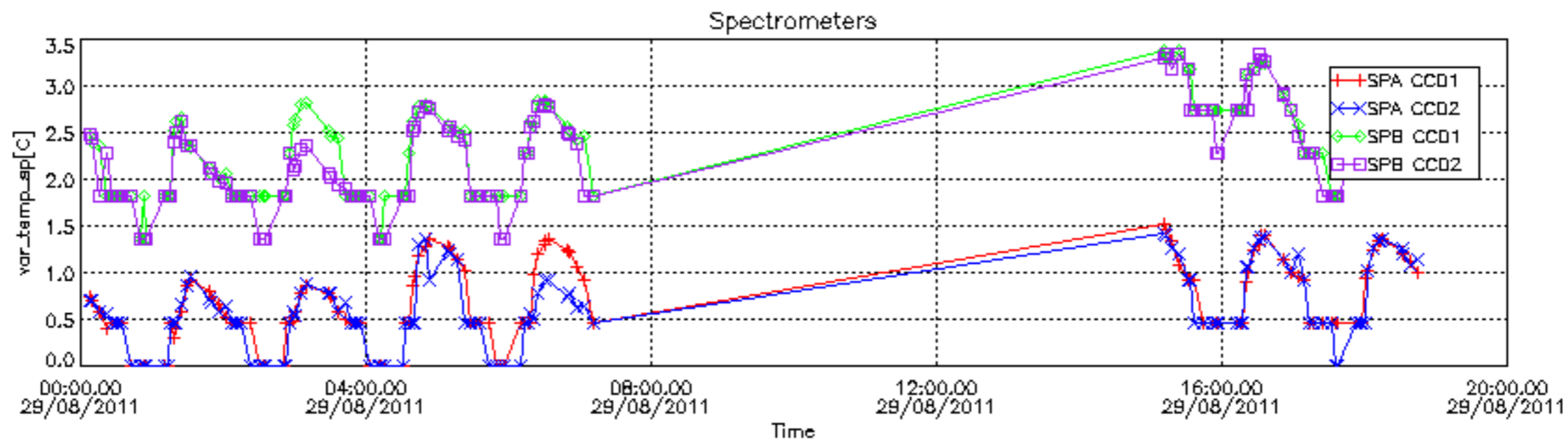


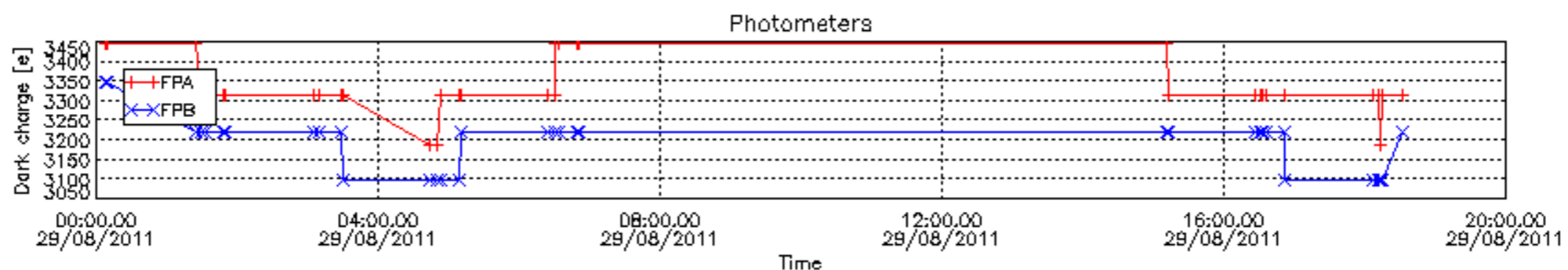
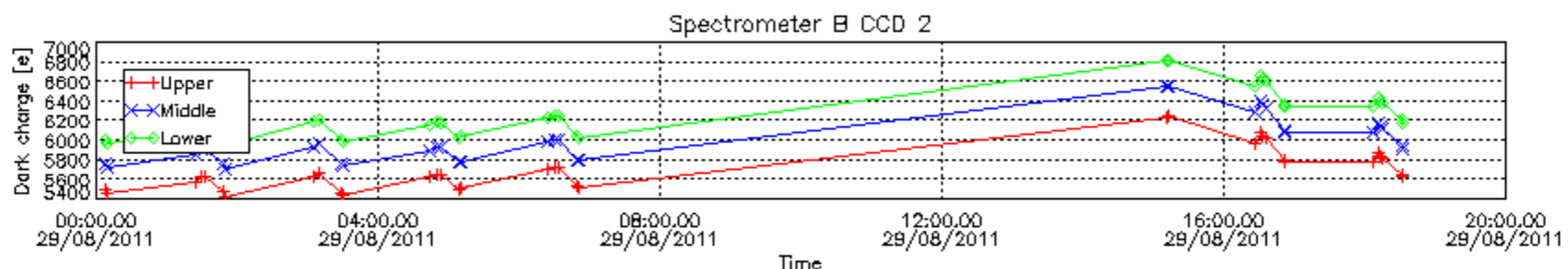
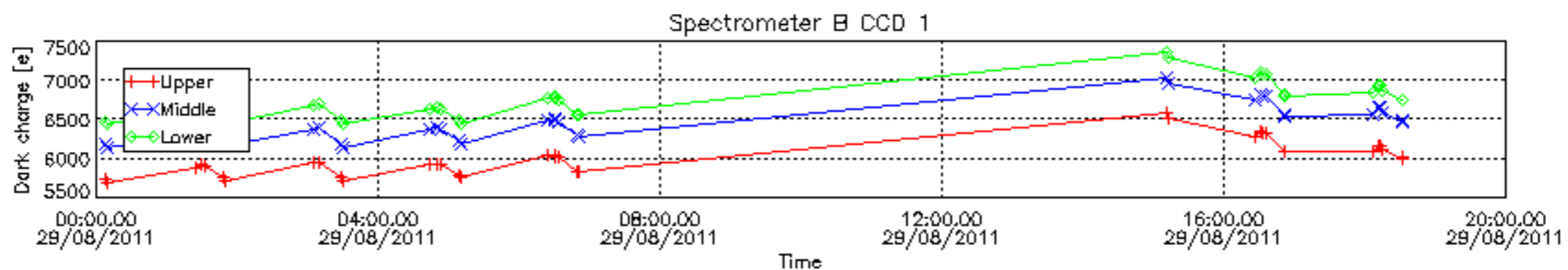
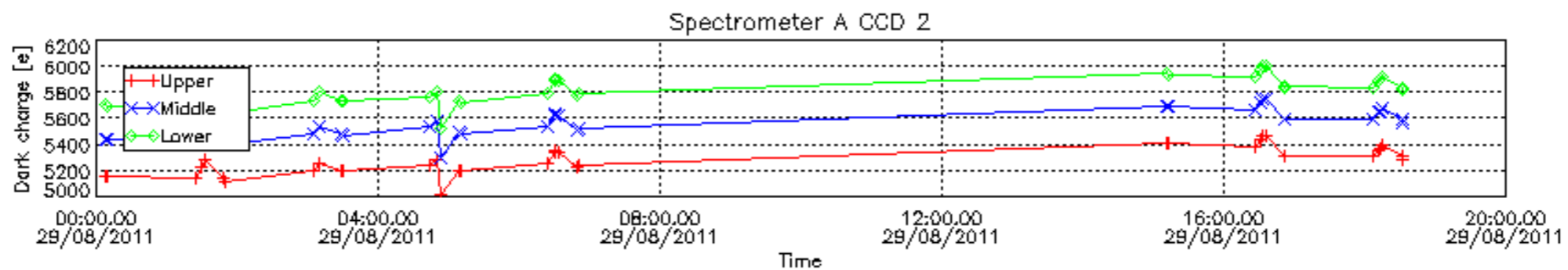
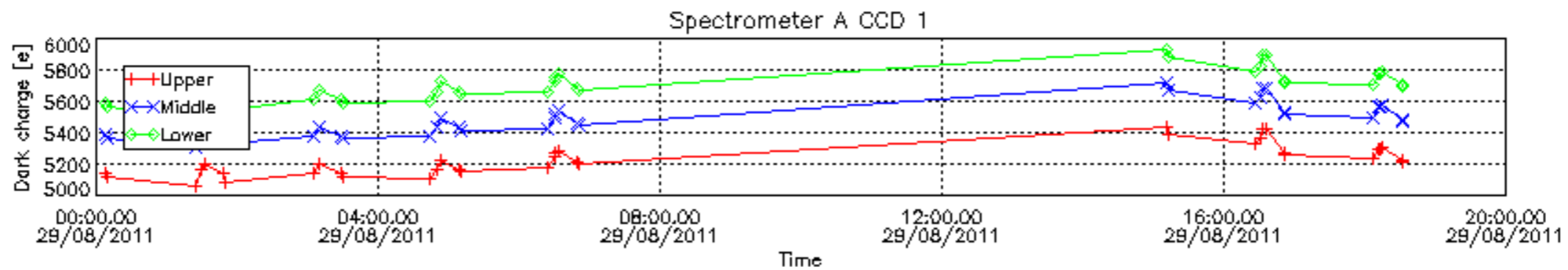
8. Auxiliary Data Files used for the production reported in section 2.4

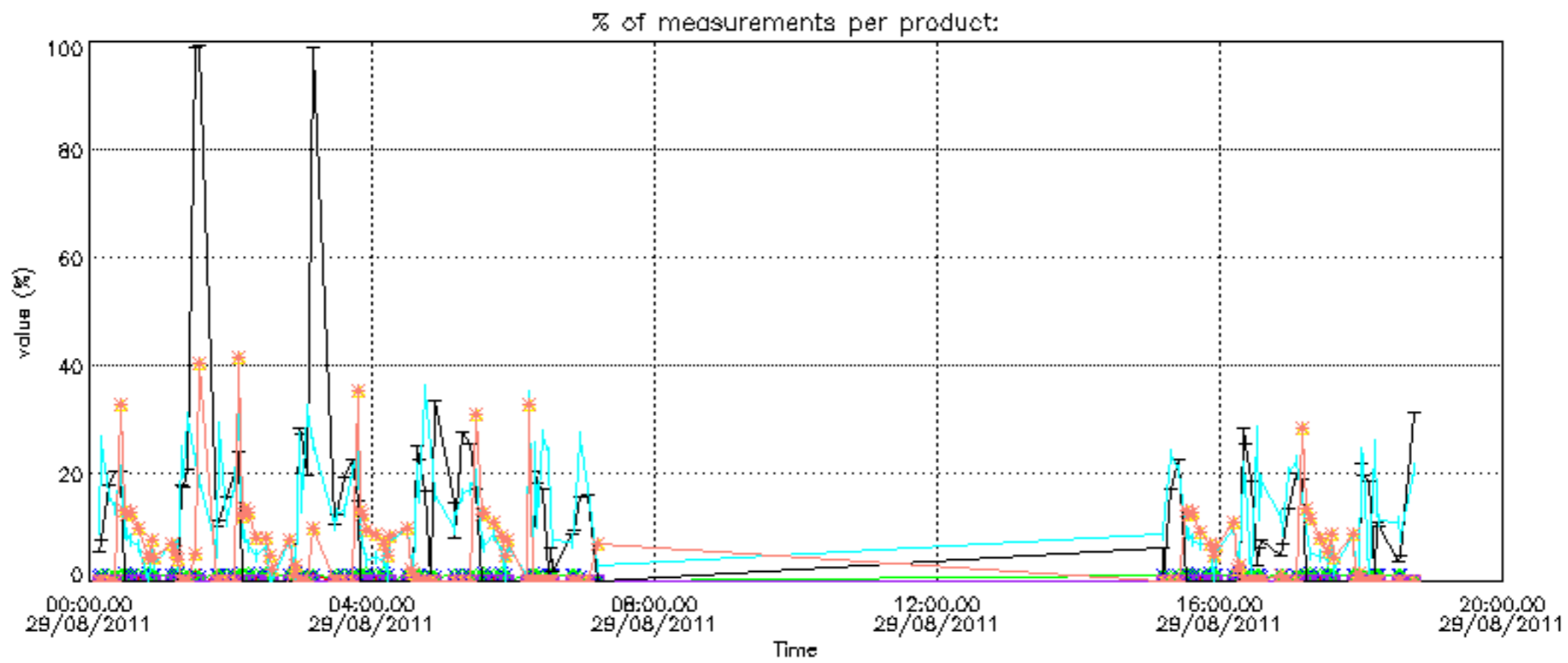
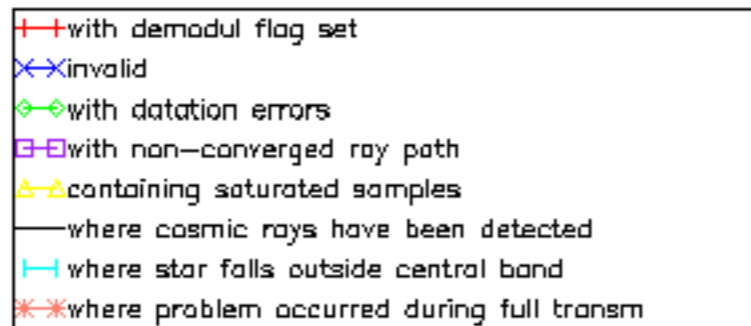
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-AUG-2011 00:07:48
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110823_153519_20110822_000000_20500101_000000	1	29-AUG-2011 00:07:48
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	29-AUG-2011 00:07:48
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	29-AUG-2011 00:07:48
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	29-AUG-2011 00:07:48
ECMWF_FILE	AUX_ECF_AXNECM20110828_062115_20110828_210000_20110829_090000	1	29-AUG-2011 00:07:48
ECMWF_FILE	AUX_ECF_AXNECM20110828_182114_20110829_030000_20110829_150000	52	29-AUG-2011 04:30:42
ECMWF_FILE	AUX_ECF_AXNECM20110829_062113_20110829_150000_20110830_030000	85	29-AUG-2011 15:11:00
ECMWF_FILE	AUX_ECA_AXNECM20110829_180341_20110829_090000_20110829_210000	108	29-AUG-2011 17:04:39
OPTIONAL_ECMWF_FILE	MISSING	1	29-AUG-2011 00:07:48
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110827_102114_20110826_183258_20110905_204644	1	29-AUG-2011 00:07:48
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110829_102342_20110828_185943_20110907_211328	85	29-AUG-2011 15:11:00

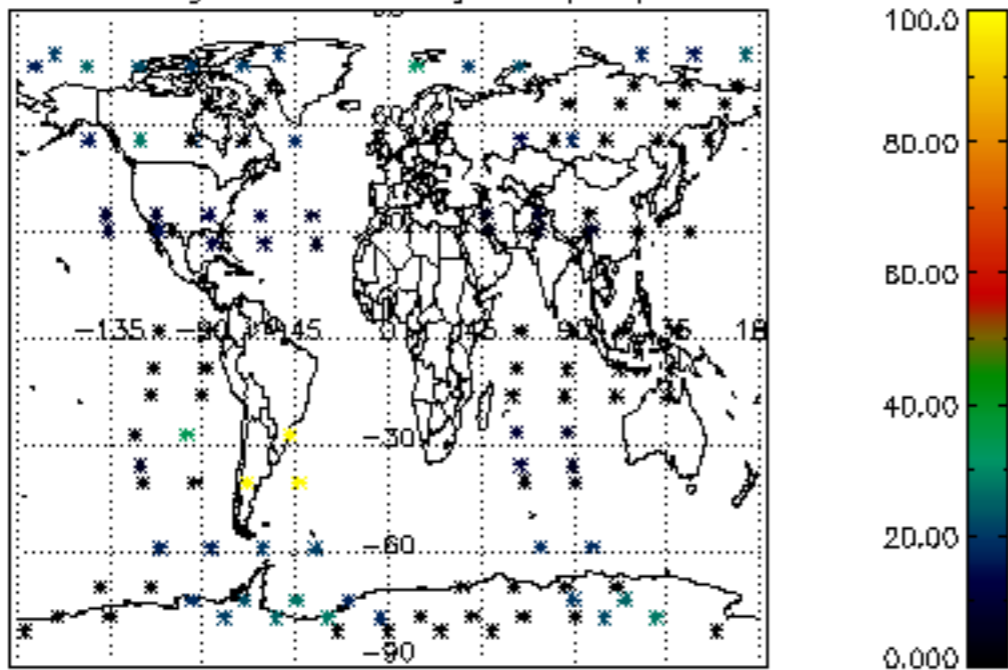




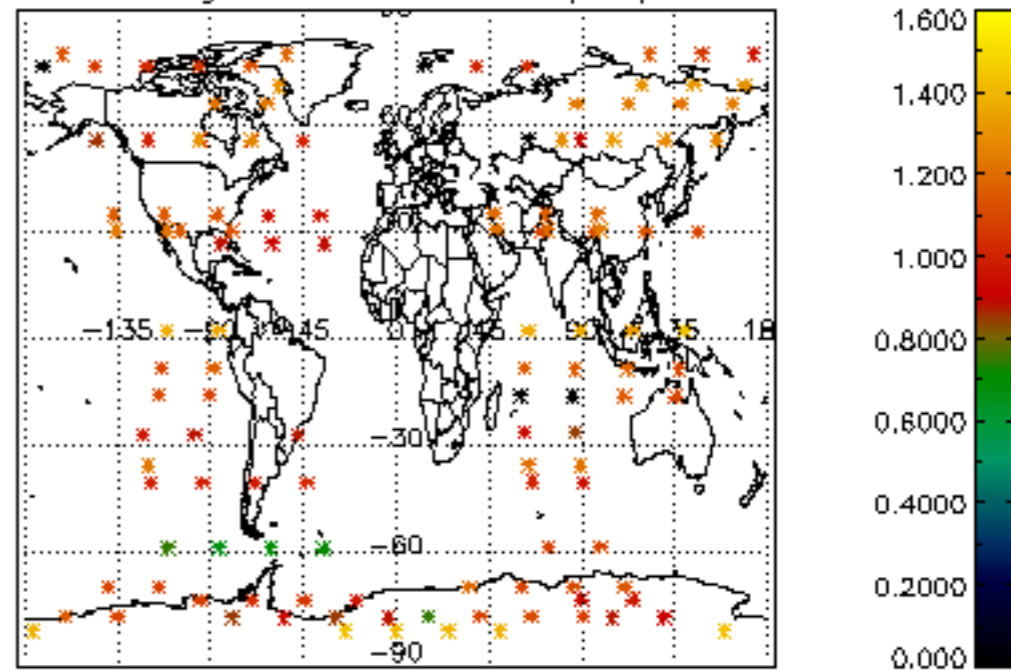




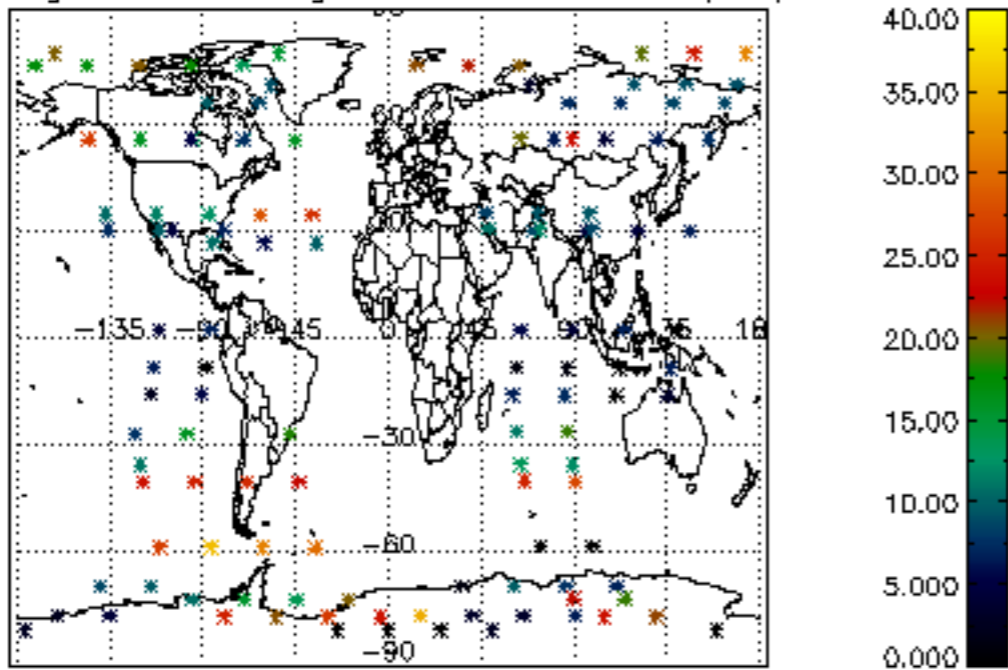
Percentage of cosmic ray hits per profile



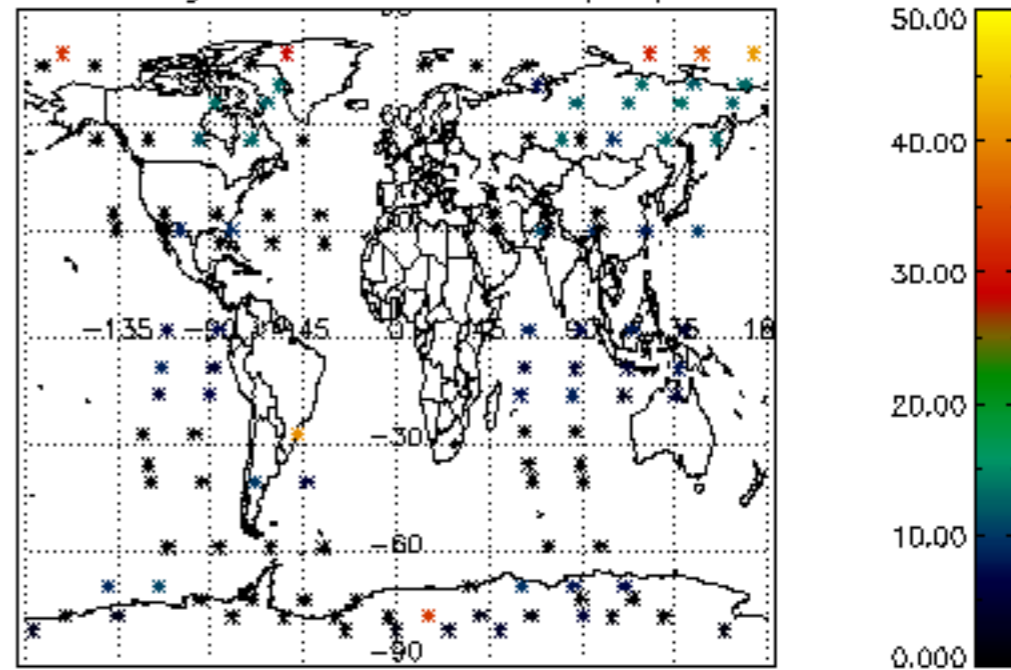
Percentage of datation errors per profile



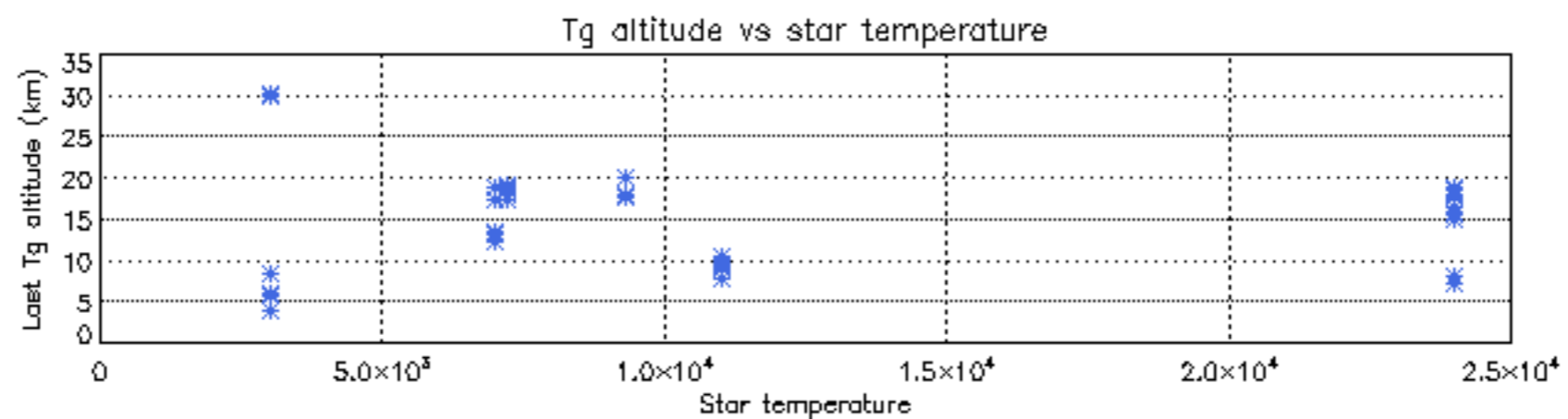
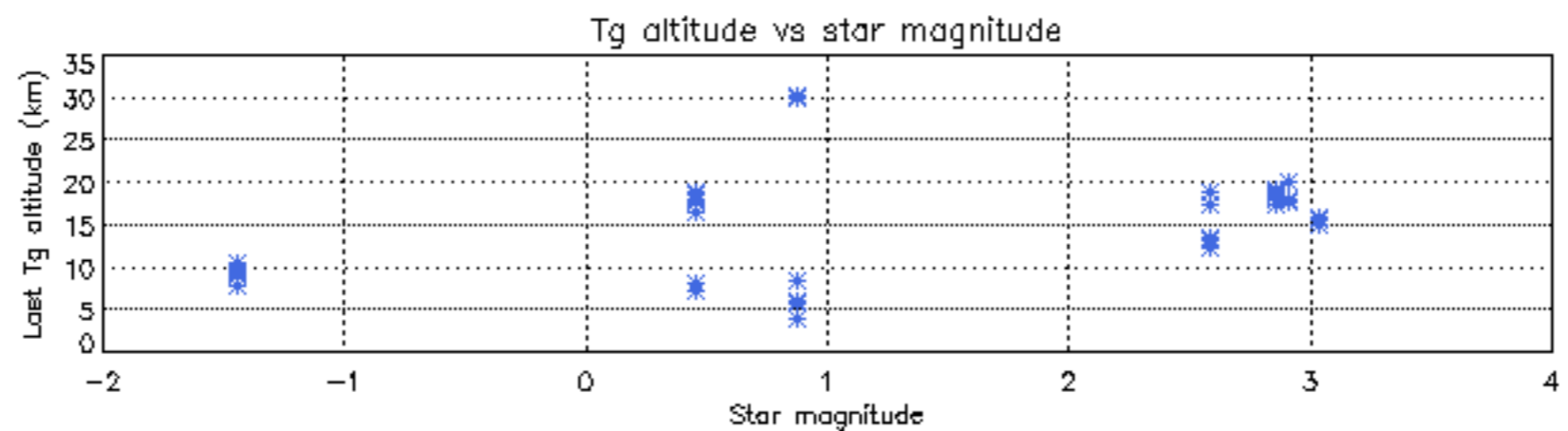
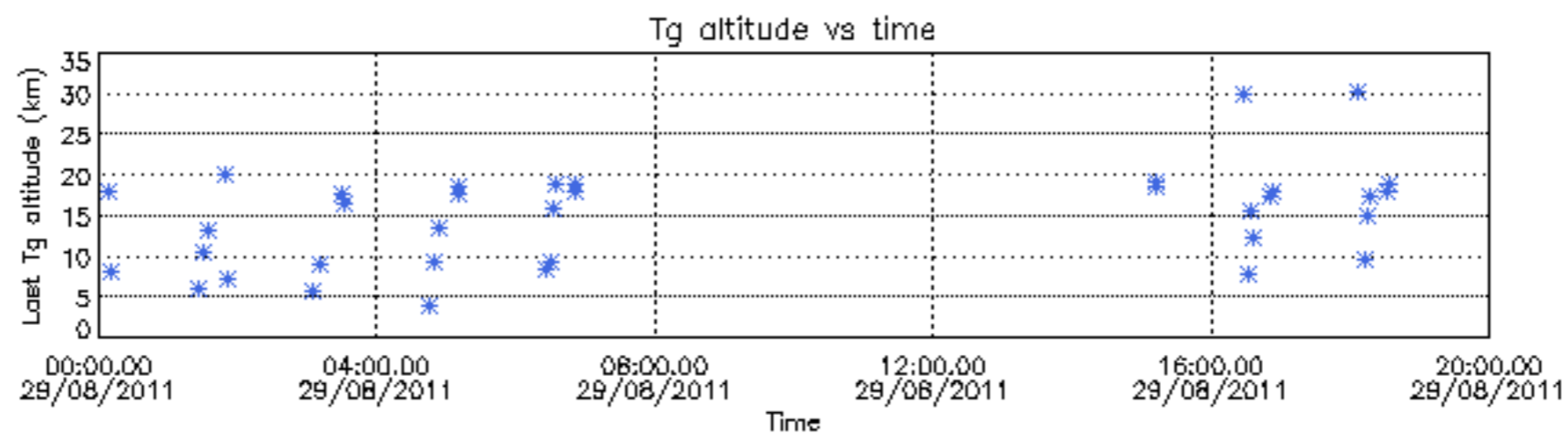
Percentage of star falling outside central band per profile



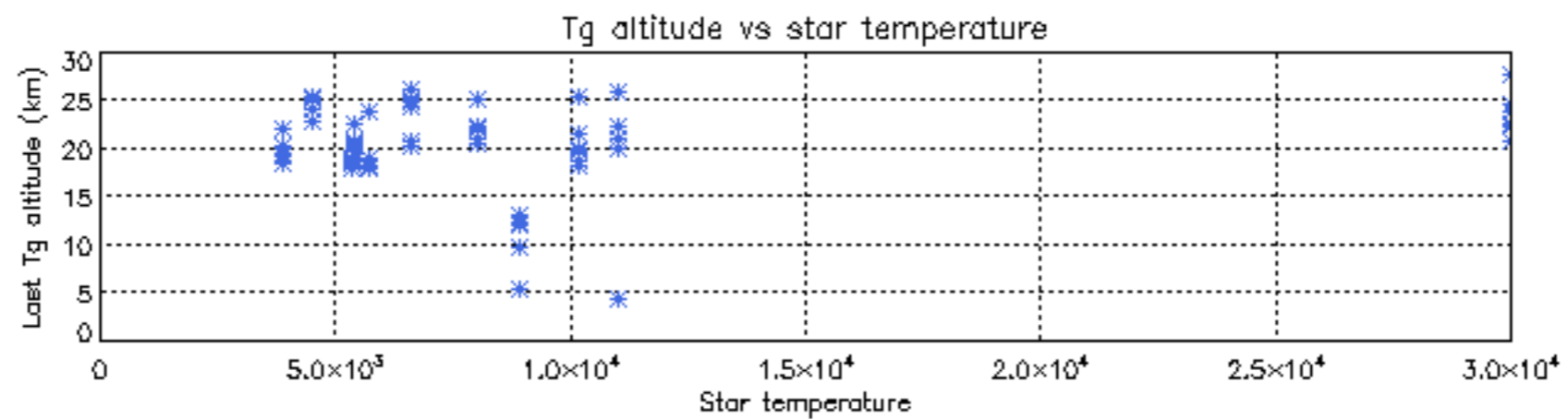
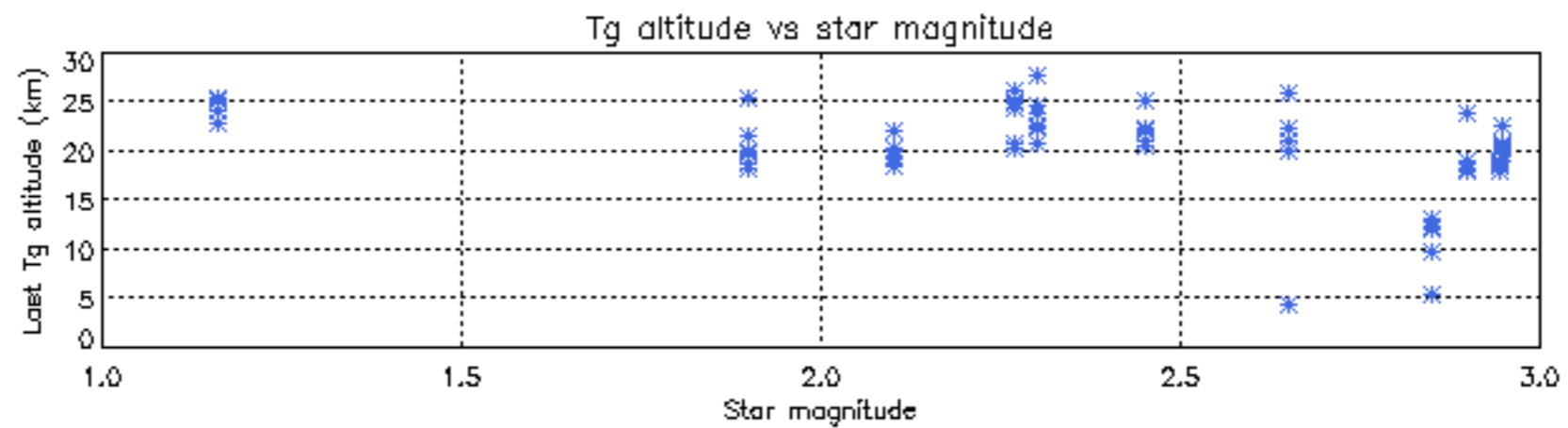
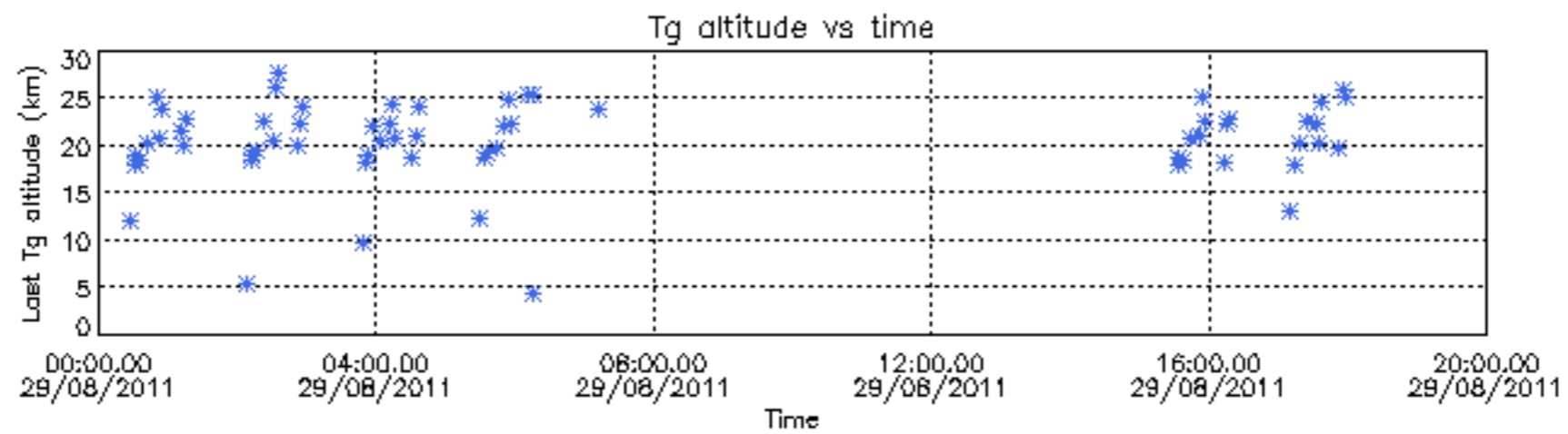
Percentage of saturation errors per profile

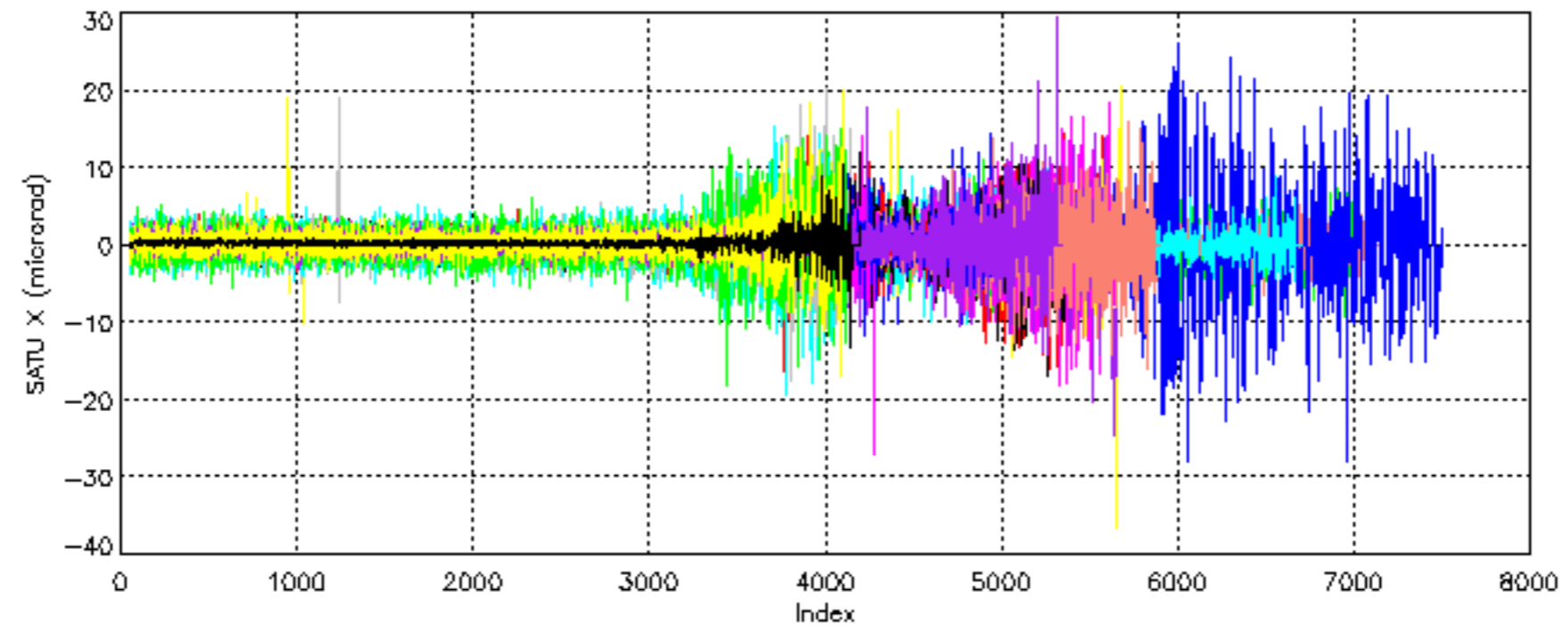


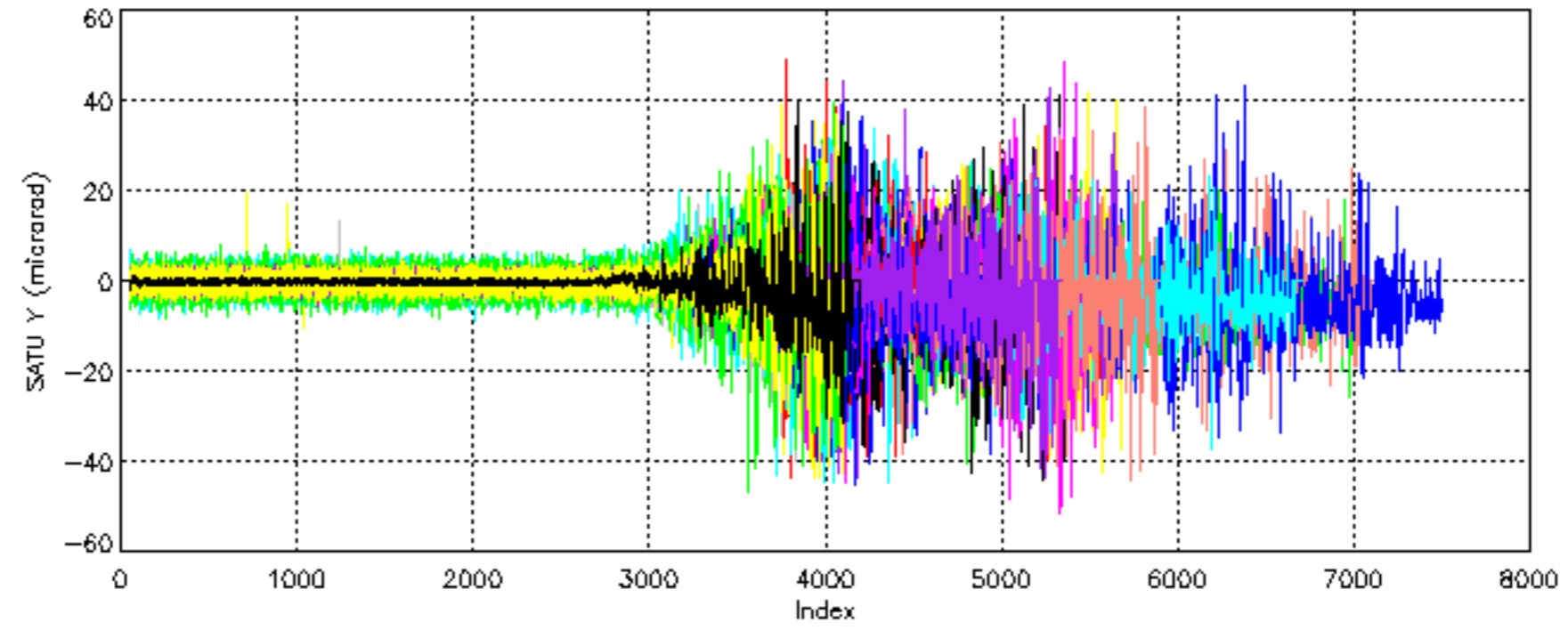
Tangent altitude at which the star is lost

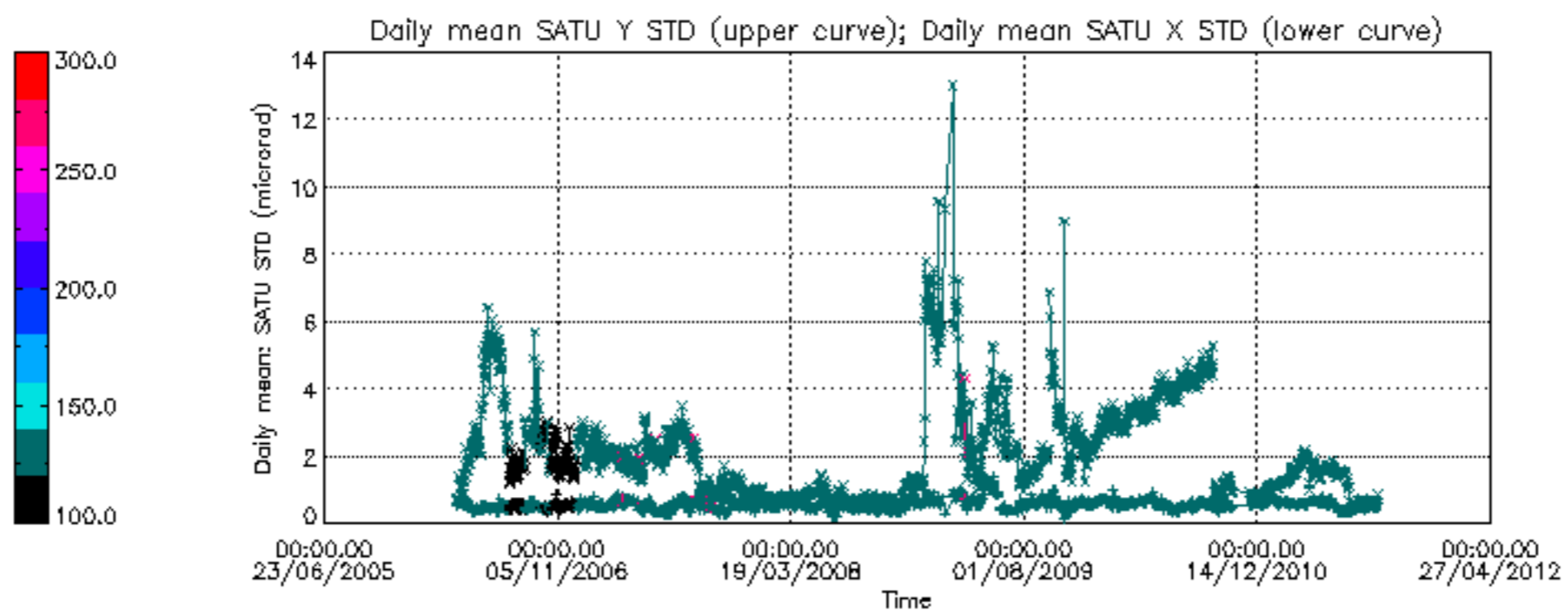


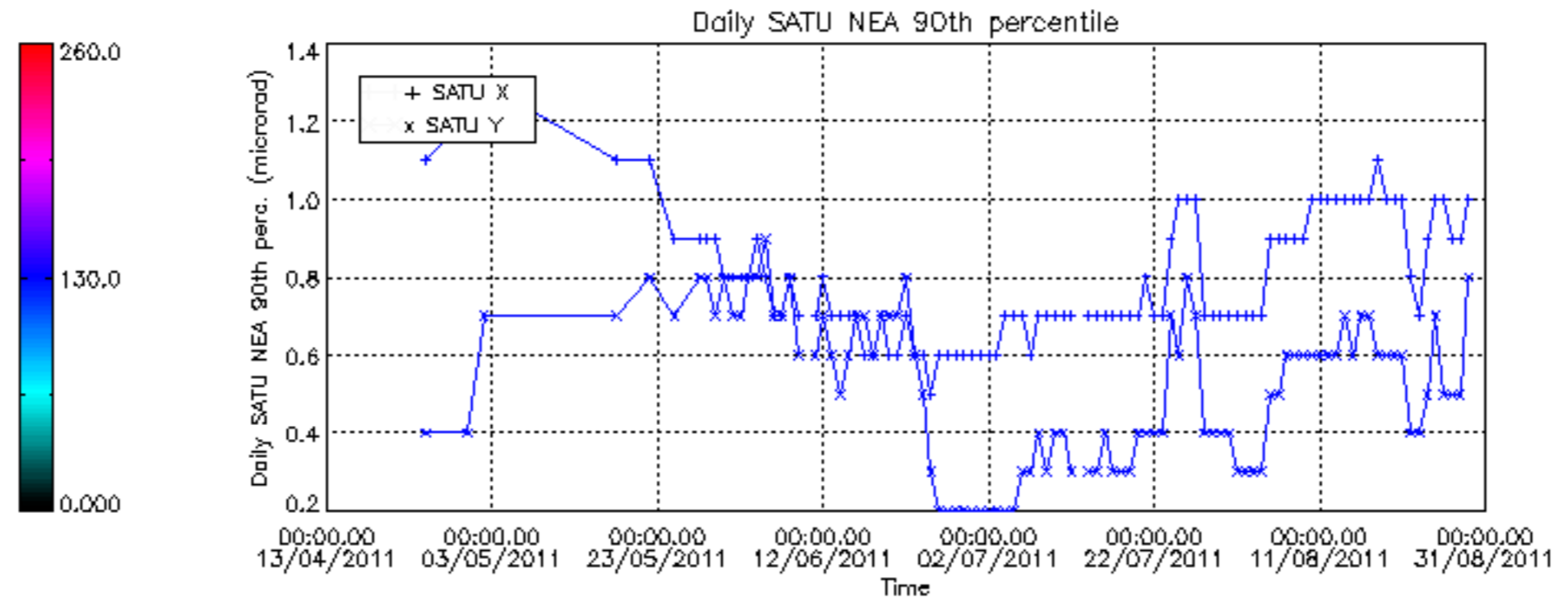
Tangent altitude at which the star is lost











```

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 9; 2677.0; 01-AUG-2011 01:11:24; Bright; 35.5; 144; 18Del Cyg ; 2.86; 11000;occ; 71; 0;49255
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12; 4052.6; 01-AUG-2011 01:34:20; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;49255
13; 4179.7; 01-AUG-2011 01:36:27; Bright; 42.5; 6; 13Alp Aur ; 0.08; 3400;occ; 85; 0;49255
14; 4291.6; 01-AUG-2011 01:38:19; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;49255
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16; 4619.4; 01-AUG-2011 01:43:47; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;49255
17; 4770.3; 01-AUG-2011 01:46:17; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;49255
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 6; 598.6; 01-AUG-2011 02:17:00; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;49256
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 8; 1104.6; 01-AUG-2011 02:25:26; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;49256
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11; 2676.8; 01-AUG-2011 02:51:38; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;49256
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16; 5101.5; 15-AUG-2011 13:20:15; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;49463
17; 5186.7; 15-AUG-2011 13:21:41; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;49463
18; 5280.8; 15-AUG-2011 13:23:15; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;49463
19; 5392.6; 15-AUG-2011 13:25:06; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;49463
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22; 6466.8; 15-AUG-2011 13:43:01; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;49464
23; 6809.9; 15-AUG-2011 13:48:44; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49464
24; 7022.0; 15-AUG-2011 13:52:16; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;49464
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2; 1787.8; 15-AUG-2011 14:05:16; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;49464
3; 1908.6; 15-AUG-2011 14:07:16; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;49464
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5; 2487.4; 15-AUG-2011 14:16:55; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49464
6; 2582.8; 15-AUG-2011 14:18:31; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49464
7; 2678.9; 15-AUG-2011 14:20:07; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;49464
8; 2998.4; 15-AUG-2011 14:25:26; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49464
9; 3282.3; 15-AUG-2011 14:30:10; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;49464
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11; 4171.1; 15-AUG-2011 14:44:59; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49464
12; 4345.6; 15-AUG-2011 14:47:53; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;49464
13; 4530.8; 15-AUG-2011 14:50:59; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;49464
14; 4700.3; 15-AUG-2011 14:53:48; Dark ; 41.5; 44; 24Gam Gem ; 1.93; 11000;occ; 83; 0;49464
15; 4910.6; 15-AUG-2011 14:57:18; Dark ; 52.5; 14; 58Alp Ori ; 0.87; 3000;occ; 105; 0;49464
16; 5102.2; 15-AUG-2011 15:00:30; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;49464
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18; 5281.7; 15-AUG-2011 15:03:30; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;49464
19; 5393.4; 15-AUG-2011 15:05:21; Dark ; 43.0; 101; 11Alp Lep ; 2.58; 7000;occ; 86; 0;49464
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21; 6223.8; 15-AUG-2011 15:19:12; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;49465
22; 6467.5; 15-AUG-2011 15:23:15; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49465

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3; 1908.3; 15-AUG-2011 15:47:30; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;49465
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7; 2678.7; 15-AUG-2011 16:00:20; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49465
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12; 4345.6; 15-AUG-2011 16:28:07; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;49465
13; 4530.9; 15-AUG-2011 16:31:13; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;49465
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16; 5102.8; 15-AUG-2011 16:40:45; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;49465
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22; 6468.2; 15-AUG-2011 17:03:30; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49466
23; 6811.7; 15-AUG-2011 17:09:14; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49466
24; 7022.8; 15-AUG-2011 17:12:45; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;49466
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11; 3413.6; 15-AUG-2011 17:52:50; Bright; 31.0; 76; 27Gam Cas ; 2.30; 30000;occ; 62; 0;49466
12; 4170.8; 15-AUG-2011 18:05:27; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;49466
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22; 6226.2; 15-AUG-2011 18:39:42; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;49467
23; 6468.8; 15-AUG-2011 18:43:45; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49467
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4; 1787.8; 15-AUG-2011 19:05:58; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49467
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6; 2097.9; 15-AUG-2011 19:11:08; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49467
7; 2486.5; 15-AUG-2011 19:17:36; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49467
8; 2582.3; 15-AUG-2011 19:19:12; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;49467
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11; 3279.9; 15-AUG-2011 19:30:50; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;49467
12; 3412.7; 15-AUG-2011 19:33:03; Bright; 31.0; 76; 27Gam Cas ; 2.30; 30000;occ; 62; 0;49467

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 19; 5189.3; 15-AUG-2011 20:02:39; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;49467
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 26; 7023.5; 15-AUG-2011 20:33:13; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;49468

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 4; 216.9; 16-AUG-2011 01:20:43; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49471
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 26; 5287.3; 16-AUG-2011 02:45:13; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;49471
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 31; 6816.5; 16-AUG-2011 03:10:42; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49472
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13; 4539.7; 18-AUG-2011 21:22:05; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49511
14; 4712.3; 18-AUG-2011 21:24:57; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49511
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6; 485.2; 18-AUG-2011 21:54:44; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49512
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13; 2479.3; 19-AUG-2011 00:08:12; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;49513
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5; 406.2; 26-AUG-2011 22:00:13; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49627
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7; 916.4; 26-AUG-2011 22:08:43; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49627
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11; 1885.8; 26-AUG-2011 22:24:52; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;49627
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13; 2518.3; 26-AUG-2011 22:35:25; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;49627
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15; 3163.9; 26-AUG-2011 22:46:10; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49627
16; 3294.5; 26-AUG-2011 22:48:21; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;49627
17; 4146.6; 26-AUG-2011 23:02:33; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;49627
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23; 5227.3; 26-AUG-2011 23:20:34; Dark ; 37.0; 30; 46Eps Ori ; 1.69; 30000;occ; 74; 0;49627
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4; 407.5; 26-AUG-2011 23:40:28; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49628
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6; 917.0; 26-AUG-2011 23:48:57; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49628
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8; 1302.5; 26-AUG-2011 23:55:23; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;49628

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 11; 1885.8; 27-AUG-2011 00:05:06; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;49628
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 13; 2517.6; 27-AUG-2011 00:15:38; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49628
 14; 2966.1; 27-AUG-2011 00:23:06; Bright; 33.5; 89; 5Alp Cep ; 2.45; 8000;occ; 67; 0;49628
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 23; 5228.3; 27-AUG-2011 01:00:48; Dark ; 29.0; 30; 46Eps Ori ; 1.69; 30000;occ; 58; 0;49628
 24; 5316.1; 27-AUG-2011 01:02:16; Dark ; 2.5; 1; 9Alp Cma ; -1.44; 11000;occ; 5; 0;49628

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 5; 2067.3; 26-AUG-2011 17:27:12; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;49624
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 9; 3296.8; 26-AUG-2011 17:47:41; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49624
 10; 4147.3; 26-AUG-2011 18:01:52; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;49624
 11; 4353.5; 26-AUG-2011 18:05:18; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;49624
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 13; 4746.1; 26-AUG-2011 18:11:50; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49624
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 16; 5224.7; 26-AUG-2011 18:19:49; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;49624
 17; 5314.1; 26-AUG-2011 18:21:18; Dark ; 47.5; 1; 9Alp Cma ; -1.44; 11000;occ; 95; 0;49624
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 21; 6572.9; 26-AUG-2011 18:42:17; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49625
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 20; 5710.9; 26-AUG-2011 20:08:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49625
 21; 6419.0; 26-AUG-2011 20:19:57; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49626
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6;	561.3;	27-AUG-2011	01:23:15;	Dark	;	44.5;	9;	Alp Eri	;	0.45;	24000;occ;	89;	0;	49629
7;	917.6;	27-AUG-2011	01:29:12;	Dark	;	52.0;	84;	Alp Phe	;	2.40;	4500;occ;	104;	0;	49629
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9;	1302.8;	27-AUG-2011	01:35:37;	Dark	;	46.5;	18;	24Alp PsA	;	1.17;	9700;occ;	93;	0;	49629
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11;	1791.5;	27-AUG-2011	01:43:46;	Bright;	;	39.5;	154;	22Bet Aqr	;	2.90;	5700;occ;	79;	0;	49629
12;	1885.8;	27-AUG-2011	01:45:20;	Bright;	;	41.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	83;	0;	49629
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15;	2965.9;	27-AUG-2011	02:03:20;	Bright;	;	37.0;	89;	5Alp Cep	;	2.45;	8000;occ;	74;	0;	49629
16;	3162.6;	27-AUG-2011	02:06:37;	Bright;	;	44.0;	74;	11Bet Cas	;	2.27;	6600;occ;	88;	0;	49629
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18;	4146.2;	27-AUG-2011	02:23:00;	Bright;	;	56.0;	6;	13Alp Aur	;	0.08;	3400;occ;	112;	0;	49629
19;	4353.6;	27-AUG-2011	02:26:28;	Bright;	;	43.5;	107;	37The Aur	;	2.65;	11000;occ;	87;	0;	49629
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21;	4747.6;	27-AUG-2011	02:33:02;	Dark	;	49.5;	44;	24Gam Gem	;	1.93;	11000;occ;	99;	0;	49629
22;	4835.6;	27-AUG-2011	02:34:30;	Dark	;	39.5;	153;	3Bet CMi	;	2.89;	13100;occ;	79;	0;	49629
23;	4999.8;	27-AUG-2011	02:37:14;	Dark	;	66.0;	14;	58Alp Ori	;	0.87;	3000;occ;	132;	0;	49629
24;	5229.5;	27-AUG-2011	02:41:04;	Dark	;	29.0;	30;	46Eps Ori	;	1.69;	30000;occ;	58;	0;	49629
25;	5316.7;	27-AUG-2011	02:42:31;	Dark	;	48.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	96;	0;	49629
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27;	5715.0;	27-AUG-2011	02:49:09;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	49629
28;	6424.0;	27-AUG-2011	03:00:58;	Dark	;	54.0;	157;	The1Eri	;	2.91;	9300;occ;	108;	0;	49630
29;	6575.9;	27-AUG-2011	03:03:30;	Dark	;	47.0;	9;	Alp Eri	;	0.45;	24000;occ;	94;	0;	49630
30;	6932.2;	27-AUG-2011	03:09:26;	Dark	;	52.0;	84;	Alp Phe	;	2.40;	4500;occ;	104;	0;	49630
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33;	7615.0;	27-AUG-2011	03:20:49;	Dark	;	49.0;	142;	49Del Cap	;	2.85;	8900;occ;	98;	0;	49630
34;	7899.8;	27-AUG-2011	03:25:34;	Bright;	;	41.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	83;	0;	49630
35;	8080.7;	27-AUG-2011	03:28:35;	Bright;	;	40.0;	61;	8Eps Peg	;	2.10;	3900;occ;	80;	0;	49630
36;	8530.4;	27-AUG-2011	03:36:04;	Bright;	;	45.0;	164;	44Eta Peg	;	2.95;	5400;occ;	90;	0;	49630
37;	8979.8;	27-AUG-2011	03:43:34;	Bright;	;	37.5;	89;	5Alp Cep	;	2.45;	8000;occ;	75;	0;	49630
38;	9176.0;	27-AUG-2011	03:46:50;	Bright;	;	46.0;	74;	11Bet Cas	;	2.27;	6600;occ;	92;	0;	49630
39;	9306.3;	27-AUG-2011	03:49:00;	Bright;	;	47.0;	76;	27Gam Cas	;	2.30;	30000;occ;	94;	0;	49630
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2;	-1660.3;	27-AUG-2011	04:06:42;	Bright;	;	43.0;	107;	37The Aur	;	2.65;	11000;occ;	86;	0;	49630
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4;	-1265.9;	27-AUG-2011	04:13:16;	Dark	;	49.0;	44;	24Gam Gem	;	1.93;	11000;occ;	98;	0;	49630
5;	-1178.2;	27-AUG-2011	04:14:44;	Dark	;	39.5;	153;	3Bet CMi	;	2.89;	13100;occ;	79;	0;	49630
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7;	-696.8;	27-AUG-2011	04:22:45;	Dark	;	49.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	98;	0;	49630
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11;	562.6;	27-AUG-2011	04:43:45;	Dark	;	44.0;	9;	Alp Eri	;	0.45;	24000;occ;	88;	0;	49631
12;	918.9;	27-AUG-2011	04:49:41;	Dark	;	53.0;	84;	Alp Phe	;	2.40;	4500;occ;	106;	0;	49631
13;	1024.1;	27-AUG-2011	04:51:26;	Dark	;	46.5;	63;	Bet Gru	;	2.15;	2800;occ;	93;	0;	49631
14;	1303.4;	27-AUG-2011	04:56:05;	Dark	;	49.5;	18;	24Alp PsA	;	1.17;	9700;occ;	99;	0;	49631
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 15; 3283.6; 27-AUG-2011 23:51:39; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;49642
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11; 1884.9; 28-AUG-2011 02:48:48; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;49644
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13; 2508.3; 28-AUG-2011 02:59:12; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49644
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