

GOMOS Daily Report 19-MAY-2007

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	21MAY2007 05:47:57
Data source version	GOMOS/5.00
Start time of products	QDS_YESTERDAY(/START)-1D (19MAY2007 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (20MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	48
Nb of prods with errors	0

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

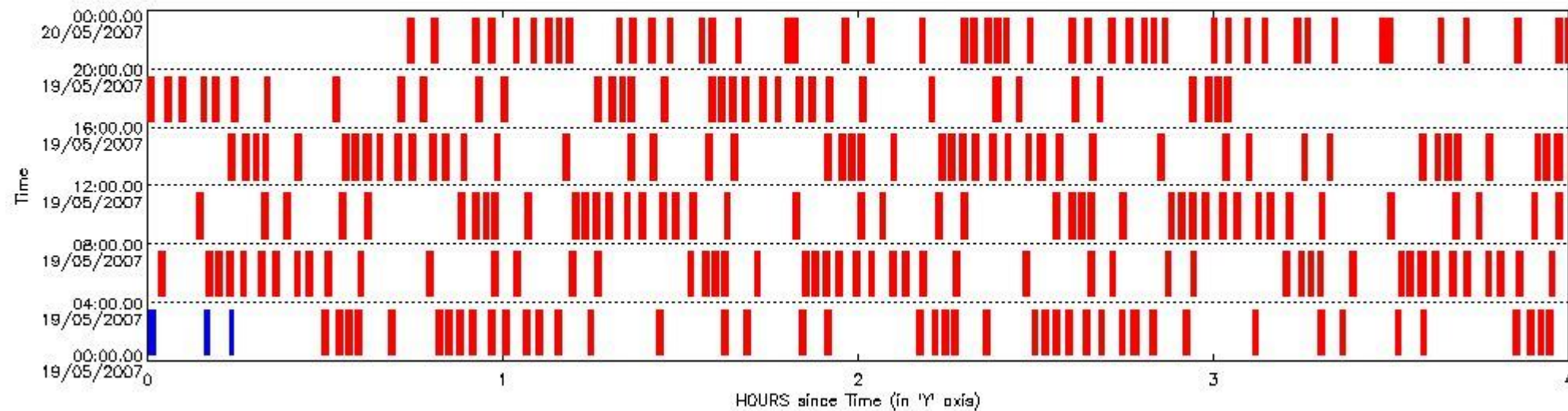
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
19-MAY-2007 00:29:16	24AlpPsA	18	27267
19-MAY-2007 00:31:47	DSA1037	0	27267
19-MAY-2007 00:33:30	BetGru	63	27267
19-MAY-2007 00:35:03	AlpGru	31	27268
19-MAY-2007 00:40:34	AlpPav	45	27268
19-MAY-2007 00:48:43	AlpAra	147	27268
19-MAY-2007 00:50:16	TheSco	40	27268
19-MAY-2007 00:52:08	35LamSco	25	27268
19-MAY-2007 00:54:22	26EpsSco	75	27268
19-MAY-2007 00:57:22	21AlpSco	16	27268
19-MAY-2007 00:59:54	8Bet1Sco	97	27268
19-MAY-2007 01:03:30	27BetLib	104	27268
19-MAY-2007 01:05:30	1DelOph	120	27268
19-MAY-2007 01:08:38	24AlpSer	102	27268
19-MAY-2007 01:14:17		83	27268

19-MAY-2007 01:25:56	14EtaDra	119	27268
19-MAY-2007 01:36:52	5AlpCep	89	27268
19-MAY-2007 01:40:40	11BetCas	74	27268
19-MAY-2007 01:50:02	21AlpAnd	58	27268
19-MAY-2007 01:54:16	88GamPeg	140	27268
19-MAY-2007 02:09:52	24AlpPsA	18	27268
19-MAY-2007 02:12:24	DSA1037	0	27268
19-MAY-2007 02:14:07	BetGru	63	27268
19-MAY-2007 02:15:40	AlpGru	31	27269
19-MAY-2007 02:21:10	AlpPav	45	27269
19-MAY-2007 02:29:19	AlpAra	147	27269
19-MAY-2007 02:30:53	TheSco	40	27269
19-MAY-2007 02:32:44	35LamSco	25	27269
19-MAY-2007 02:34:58	26EpsSco	75	27269
19-MAY-2007 02:37:59	21AlpSco	16	27269
19-MAY-2007 02:40:30	8Bet1Sco	97	27269
19-MAY-2007 02:44:06	27BetLib	104	27269
19-MAY-2007 02:46:06	1DelOph	120	27269
19-MAY-2007 02:49:14	24AlpSer	102	27269
19-MAY-2007 02:54:53		83	27269
19-MAY-2007 03:06:31	14EtaDra	119	27269
19-MAY-2007 03:17:28	5AlpCep	89	27269
19-MAY-2007 03:21:16	11BetCas	74	27269
19-MAY-2007 03:30:38	21AlpAnd	58	27269
19-MAY-2007 03:34:52	88GamPeg	140	27269
19-MAY-2007 03:50:29	24AlpPsA	18	27269
19-MAY-2007 03:53:01	DSA1037	0	27269
19-MAY-2007 03:54:43	BetGru	63	27269
19-MAY-2007 03:56:16	AlpGru	31	27270
19-MAY-2007 04:01:47	AlpPav	45	27270
19-MAY-2007 04:09:56	AlpAra	147	27270
19-MAY-2007 04:11:29	TheSco	40	27270
19-MAY-2007 04:13:21	35LamSco	25	27270
19-MAY-2007 04:15:35	26EpsSco	75	27270
19-MAY-2007 04:18:35	21AlpSco	16	27270
19-MAY-2007 04:21:06	8Bet1Sco	97	27270
19-MAY-2007 04:24:42	27BetLib	104	27270
19-MAY-2007 04:26:42	1DelOph	120	27270
19-MAY-2007 04:29:50	24AlpSer	102	27270
19-MAY-2007 04:35:29		83	27270
19-MAY-2007 04:47:07	14EtaDra	119	27270
19-MAY-2007 04:58:03	5AlpCep	89	27270
19-MAY-2007 05:01:52	11BetCas	74	27270
19-MAY-2007 05:11:14	21AlpAnd	58	27270
19-MAY-2007 05:15:29	88GamPeg	140	27270
19-MAY-2007 05:31:06	24AlpPsA	18	27270
19-MAY-2007 05:33:38	DSA1037	0	27270
19-MAY-2007 05:35:20	BetGru	63	27270
19-MAY-2007 05:36:53	AlpGru	31	27271
19-MAY-2007 05:42:24	AlpPav	45	27271
19-MAY-2007 05:50:32	AlpAra	147	27271
19-MAY-2007 05:52:06	TheSco	40	27271
19-MAY-2007 05:53:57	35LamSco	25	27271
19-MAY-2007 05:56:11	26EpsSco	75	27271
19-MAY-2007 05:59:11	21AlpSco	16	27271
19-MAY-2007 06:01:42	8Bet1Sco	97	27271
19-MAY-2007 06:05:18	27BetLib	104	27271
19-MAY-2007 06:07:18	1DelOph	120	27271
19-MAY-2007 06:10:26	24AlpSer	102	27271

19-MAY-2007 06:16:05		83	27271
19-MAY-2007 06:27:42	14EtaDra	119	27271
19-MAY-2007 06:38:39	5AlpCep	89	27271
19-MAY-2007 06:42:27	11BetCas	74	27271
19-MAY-2007 06:51:50	21AlpAnd	58	27271
19-MAY-2007 06:56:05	88GamPeg	140	27271
19-MAY-2007 07:11:43	24AlpPsA	18	27271
19-MAY-2007 07:14:14	DSA1037	0	27271
19-MAY-2007 07:15:56	BetGru	63	27271
19-MAY-2007 07:17:30	AlpGru	31	27272
19-MAY-2007 07:23:00	AlpPav	45	27272
19-MAY-2007 07:31:08	AlpAra	147	27272
19-MAY-2007 07:32:42	TheSco	40	27272
19-MAY-2007 07:34:34	35LamSco	25	27272
19-MAY-2007 07:36:47	26EpsSco	75	27272
19-MAY-2007 07:39:47	21AlpSco	16	27272
19-MAY-2007 07:42:18	8Bet1Sco	97	27272
19-MAY-2007 07:45:54	27BetLib	104	27272
19-MAY-2007 07:47:53	1DelOph	120	27272
19-MAY-2007 07:51:01	24AlpSer	102	27272
19-MAY-2007 07:56:41		83	27272
19-MAY-2007 08:08:18	14EtaDra	119	27272
19-MAY-2007 08:19:14	5AlpCep	89	27272
19-MAY-2007 08:23:03	11BetCas	74	27272
19-MAY-2007 08:32:26	21AlpAnd	58	27272
19-MAY-2007 08:36:41	88GamPeg	140	27272
19-MAY-2007 08:52:20	24AlpPsA	18	27272
19-MAY-2007 08:54:51	DSA1037	0	27272
19-MAY-2007 08:56:33	BetGru	63	27272
19-MAY-2007 08:58:07	AlpGru	31	27273
19-MAY-2007 09:03:37	AlpPav	45	27273
19-MAY-2007 09:11:45	AlpAra	147	27273
19-MAY-2007 09:13:19	TheSco	40	27273
19-MAY-2007 09:15:11	35LamSco	25	27273
19-MAY-2007 09:17:24	26EpsSco	75	27273
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19-MAY-2007 09:26:30	27BetLib	104	27273
19-MAY-2007 09:28:29	1DelOph	120	27273
19-MAY-2007 09:31:37	24AlpSer	102	27273
19-MAY-2007 09:37:16		83	27273
19-MAY-2007 09:48:53	14EtaDra	119	27273
19-MAY-2007 09:59:50	5AlpCep	89	27273
19-MAY-2007 10:03:39	11BetCas	74	27273
19-MAY-2007 10:13:02	21AlpAnd	58	27273
19-MAY-2007 10:17:17	88GamPeg	140	27273
19-MAY-2007 10:32:56	24AlpPsA	18	27273
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19-MAY-2007 10:37:10	BetGru	63	27273
19-MAY-2007 10:38:43	AlpGru	31	27274
19-MAY-2007 10:44:14	AlpPav	45	27274
19-MAY-2007 10:52:21	AlpAra	147	27274
19-MAY-2007 10:53:55	TheSco	40	27274
19-MAY-2007 10:55:47	35LamSco	25	27274
19-MAY-2007 10:58:00	26EpsSco	75	27274
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19-MAY-2007 11:03:31	8Bet1Sco	97	27274
19-MAY-2007 11:07:06	27BetLib	104	27274
19-MAY-2007 11:09:05	1DelOph	120	27274

19-MAY-2007 11:12:13	24AlpSer	102	27274
19-MAY-2007 11:17:52		83	27274
19-MAY-2007 11:29:29	14EtaDra	119	27274
19-MAY-2007 11:40:25	5AlpCep	89	27274
19-MAY-2007 11:44:15	11BetCas	74	27274
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19-MAY-2007 11:57:54	88GamPeg	140	27274
19-MAY-2007 12:13:33	24AlpPsA	18	27274
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19-MAY-2007 12:24:50	AlpPav	45	27275
19-MAY-2007 12:32:58	AlpAra	147	27275
19-MAY-2007 12:34:32	TheSco	40	27275
19-MAY-2007 12:36:24	35LamSco	25	27275
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19-MAY-2007 12:47:42	27BetLib	104	27275
19-MAY-2007 12:49:41	1DelOph	120	27275
19-MAY-2007 12:52:48	24AlpSer	102	27275
19-MAY-2007 12:58:28		83	27275
19-MAY-2007 13:10:04	14EtaDra	119	27275
19-MAY-2007 13:21:01	5AlpCep	89	27275
19-MAY-2007 13:24:51	11BetCas	74	27275
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19-MAY-2007 14:17:00	35LamSco	25	27276
19-MAY-2007 14:19:13	26EpsSco	75	27276
19-MAY-2007 14:22:12	21AlpSco	16	27276
19-MAY-2007 14:24:43	8Bet1Sco	97	27276
19-MAY-2007 14:28:18	27BetLib	104	27276
19-MAY-2007 14:30:16	1DelOph	120	27276
19-MAY-2007 14:33:24	24AlpSer	102	27276
19-MAY-2007 14:39:04		83	27276
19-MAY-2007 14:50:40	14EtaDra	119	27276
19-MAY-2007 15:01:36	5AlpCep	89	27276
19-MAY-2007 15:05:27	11BetCas	74	27276
19-MAY-2007 15:14:50	21AlpAnd	58	27276
19-MAY-2007 15:19:06	88GamPeg	140	27276
19-MAY-2007 15:34:47	24AlpPsA	18	27276
19-MAY-2007 15:37:19	DSA1037	0	27276
19-MAY-2007 15:39:00	BetGru	63	27276
19-MAY-2007 15:40:33	AlpGru	31	27277
19-MAY-2007 15:46:04	AlpPav	45	27277
19-MAY-2007 15:54:11	AlpAra	147	27277
19-MAY-2007 15:55:45	TheSco	40	27277
19-MAY-2007 15:57:37	35LamSco	25	27277
19-MAY-2007 15:59:49	26EpsSco	75	27277
19-MAY-2007 16:02:48	21AlpSco	16	27277
19-MAY-2007 16:05:19	8Bet1Sco	97	27277
19-MAY-2007 16:08:54	27BetLib	104	27277

19-MAY-2007 16:10:52	1DelOph	120	27277
19-MAY-2007 16:14:00	24AlpSer	102	27277
19-MAY-2007 16:19:40		83	27277
19-MAY-2007 16:31:15	14EtaDra	119	27277
19-MAY-2007 16:42:11	5AlpCep	89	27277
19-MAY-2007 16:46:02	11BetCas	74	27277
19-MAY-2007 16:55:26	21AlpAnd	58	27277
19-MAY-2007 16:59:42	88GamPeg	140	27277
19-MAY-2007 17:15:24	24AlpPsA	18	27277
19-MAY-2007 17:17:56	DSA1037	0	27277
19-MAY-2007 17:19:36	BetGru	63	27277
19-MAY-2007 17:21:10	AlpGru	31	27278
19-MAY-2007 17:26:40	AlpPav	45	27278
19-MAY-2007 17:34:47	AlpAra	147	27278
19-MAY-2007 17:36:21	TheSco	40	27278
19-MAY-2007 17:38:13	35LamSco	25	27278
19-MAY-2007 17:40:25	26EpsSco	75	27278
19-MAY-2007 17:43:25	21AlpSco	16	27278
19-MAY-2007 17:45:55	8Bet1Sco	97	27278
19-MAY-2007 17:49:30	27BetLib	104	27278
19-MAY-2007 17:51:28	1DelOph	120	27278
19-MAY-2007 17:54:36	24AlpSer	102	27278
19-MAY-2007 18:00:15		83	27278
19-MAY-2007 18:11:51	14EtaDra	119	27278
19-MAY-2007 18:22:47	5AlpCep	89	27278
19-MAY-2007 18:26:38	11BetCas	74	27278
19-MAY-2007 18:36:03	21AlpAnd	58	27278
19-MAY-2007 18:40:19	88GamPeg	140	27278
19-MAY-2007 18:56:01	24AlpPsA	18	27278
19-MAY-2007 18:58:33	DSA1037	0	27278
19-MAY-2007 19:00:13	BetGru	63	27278
19-MAY-2007 19:01:47	AlpGru	31	27279
19-MAY-2007 20:43:56	AlpTuc	148	27280
19-MAY-2007 20:47:53	AlpPav	45	27280
19-MAY-2007 20:54:55	BetAra	141	27280
19-MAY-2007 20:57:35	TheSco	40	27280
19-MAY-2007 21:01:38	26EpsSco	75	27280
19-MAY-2007 21:04:37	21AlpSco	16	27280
19-MAY-2007 21:07:07	8Bet1Sco	97	27280
19-MAY-2007 21:08:54	9Alp2Lib	122	27280
19-MAY-2007 21:10:42	27BetLib	104	27280
19-MAY-2007 21:19:06	16AlpBoo	3	27280
19-MAY-2007 21:21:27		83	27280
19-MAY-2007 21:24:36	27GamBoo	180	27280
19-MAY-2007 21:27:38	85EtaUMa	39	27280
19-MAY-2007 21:33:02	14EtaDra	119	27280
19-MAY-2007 21:34:49	7BetUMi	60	27280
19-MAY-2007 21:39:18	1AlpUMi	49	27280
19-MAY-2007 21:47:30	27GamCas	76	27280
19-MAY-2007 21:48:43	18AlpCas	68	27280
19-MAY-2007 21:57:15	21AlpAnd	58	27280
19-MAY-2007 22:01:31	88GamPeg	140	27280
19-MAY-2007 22:10:17	16BetCet	52	27280
19-MAY-2007 22:17:14	24AlpPsA	18	27280
19-MAY-2007 22:18:54	DSA1035	0	27280
19-MAY-2007 22:21:26	BetGru	63	27280
19-MAY-2007 22:23:00	AlpGru	31	27281
19-MAY-2007 22:24:32	AlpTuc	148	27281
19-MAY-2007 22:28:30	AlpPav	45	27281

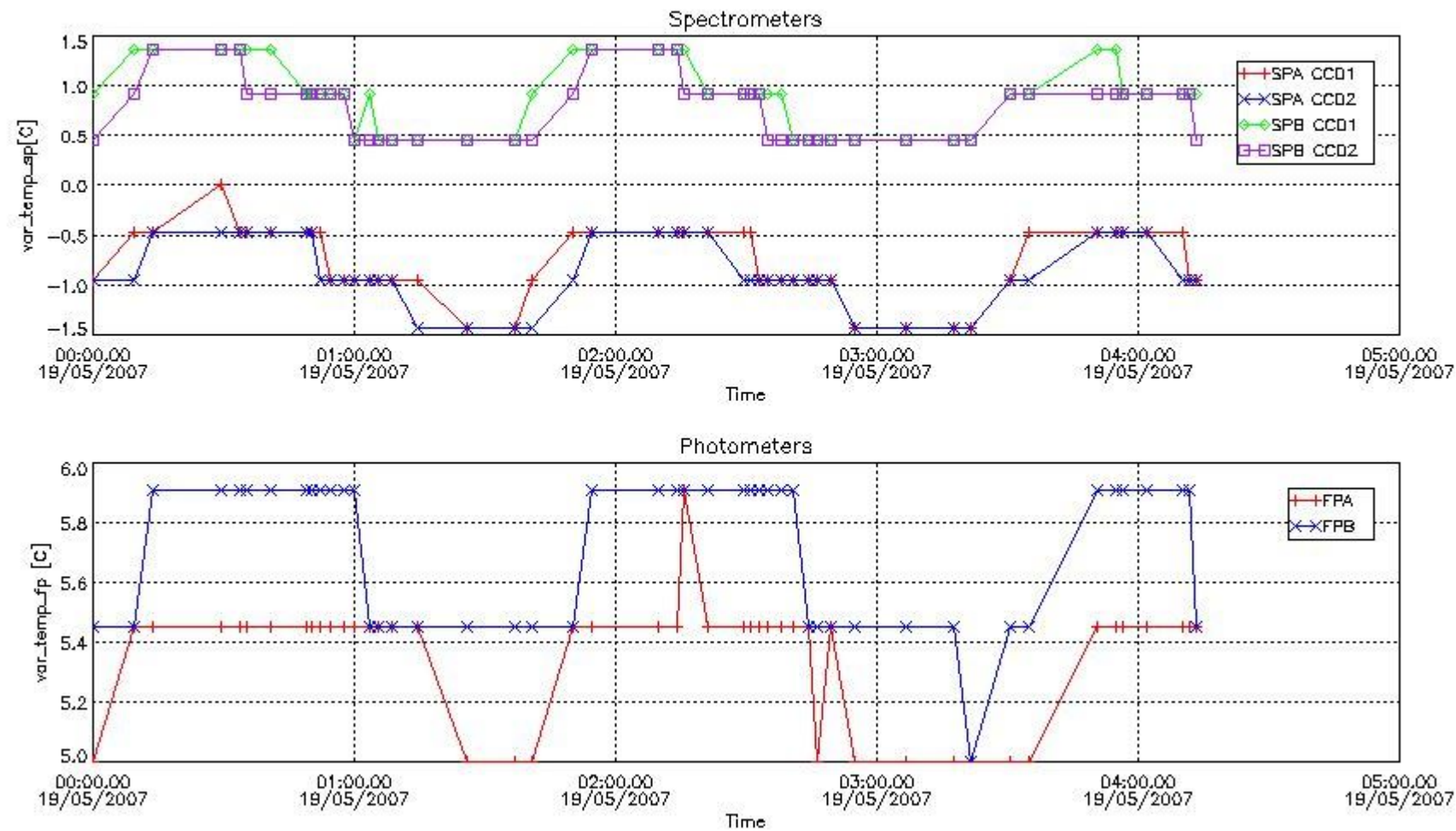
19-MAY-2007 22:35:31	BetAra	141	27281
19-MAY-2007 22:38:11	TheSco	40	27281
19-MAY-2007 22:42:14	26EpsSco	75	27281
19-MAY-2007 22:45:13	21AlpSco	16	27281
19-MAY-2007 22:47:43	8Bet1Sco	97	27281
19-MAY-2007 22:49:30	9Alp2Lib	122	27281
19-MAY-2007 22:51:18	27BetLib	104	27281
19-MAY-2007 22:59:42	16AlpBoo	3	27281
19-MAY-2007 23:02:03		83	27281
19-MAY-2007 23:05:12	27GamBoo	180	27281
19-MAY-2007 23:08:14	85EtaUMa	39	27281
19-MAY-2007 23:13:37	14EtaDra	119	27281
19-MAY-2007 23:15:25	7BetUMi	60	27281
19-MAY-2007 23:19:54	1AlpUMi	49	27281
19-MAY-2007 23:28:06	27GamCas	76	27281
19-MAY-2007 23:29:19	18AlpCas	68	27281
19-MAY-2007 23:37:51	21AlpAnd	58	27281
19-MAY-2007 23:42:08	88GamPeg	140	27281
19-MAY-2007 23:50:53	16BetCet	52	27281
19-MAY-2007 23:57:51	24AlpPsA	18	27281
19-MAY-2007 23:59:30	DSA1035	0	27281

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_1PNPDE20070519_000011_000000552058_00159_27267_1769.N1	19-MAY-2007 00:00:11	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	27267	No
2	GOM_TRA_1PNPDE20070519_000933_000000462058_00159_27267_1770.N1	19-MAY-2007 00:09:33	Twilight	46.000	58	21Alp And	2.0730	11000.	92	27267	No
3	GOM_TRA_1PNPDE20070519_001347_000000422058_00159_27267_1771.N1	19-MAY-2007 00:13:47	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	27267	No
4	GOM_TRA_1PNPDE20070519_002922_000000512058_00159_27267_1800.N1	19-MAY-2007 00:29:22	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	27267	No
5	GOM_TRA_1PNPDE20070519_003337_000000472058_00159_27267_1801.N1	19-MAY-2007 00:33:37	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	27267	No
6	GOM_TRA_1PNPDE20070519_003510_000000432058_00160_27268_1802.N1	19-MAY-2007 00:35:10	Dark	43.000	31	Alp Gru	1.7340	15200.	86	27268	No
7	GOM_TRA_1PNPDE20070519_004041_000000432058_00160_27268_1803.N1	19-MAY-2007 00:40:41	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27268	No
8	GOM_TRA_1PNPDE20070519_004849_000000432058_00160_27268_1804.N1	19-MAY-2007 00:48:49	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	27268	No
9	GOM_TRA_1PNPDE20070519_005023_000000502058_00160_27268_1805.N1	19-MAY-2007 00:50:23	Straylight	50.000	40	The Sco	1.8590	7100.0	100	27268	No
10	GOM_TRA_1PNPDE20070519_005215_000000522058_00160_27268_1806.N1	19-MAY-2007 00:52:15	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	27268	No
11	GOM_TRA_1PNPDE20070519_005429_000000542058_00160_27268_1807.N1	19-MAY-2007 00:54:29	Twilight	53.500	75	26Eps Sco	2.2910	4250.0	107	27268	No
12	GOM_TRA_1PNPDE20070519_005729_000000582058_00160_27268_1808.N1	19-MAY-2007 00:57:29	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	27268	No
13	GOM_TRA_1PNPDE20070519_010001_000000422058_00160_27268_1809.N1	19-MAY-2007 01:00:01	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	27268	No
14	GOM_TRA_1PNPDE20070519_010337_000000392058_00160_27268_1810.N1	19-MAY-2007 01:03:37	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	27268	No
15	GOM_TRA_1PNPDE20070519_010537_000000472058_00160_27268_1811.N1	19-MAY-2007 01:05:37	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	27268	No
16	GOM_TRA_1PNPDE20070519_010845_000000422058_00160_27268_1812.N1	19-MAY-2007 01:08:45	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	27268	No
17	GOM_TRA_1PNPDE20070519_011424_000000372058_00160_27268_1813.N1	19-MAY-2007 01:14:24	Bright	36.500	83		2.3780	11000.	73	27268	No
18	GOM_TRA_1PNPDE20070519_012603_000000402058_00160_27268_1814.N1	19-MAY-2007 01:26:03	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27268	No
19	GOM_TRA_1PNPDE20070519_013659_000000432058_00160_27268_1815.N1	19-MAY-2007 01:36:59	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	27268	No
20	GOM_TRA_1PNPDE20070519_014047_000000452058_00160_27268_1816.N1	19-MAY-2007 01:40:47	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	27268	No
21	GOM_TRA_1PNPDE20070519_015008_000000462058_00160_27268_1817.N1	19-MAY-2007 01:50:08	Twilight	45.500	58	21Alp And	2.0730	11000.	91	27268	No
22	GOM_TRA_1PNPDE20070519_015423_000000422058_00160_27268_1818.N1	19-MAY-2007 01:54:23	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	27268	No
23	GOM_TRA_1PNPDE20070519_020959_000000472058_00160_27268_1975.N1	19-MAY-2007 02:09:59	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	27268	No
24	GOM_TRA_1PNPDE20070519_021414_000000462058_00160_27268_1976.N1	19-MAY-2007 02:14:14	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	27268	No
25	GOM_TRA_1PNPDE20070519_021547_000000432058_00161_27269_1977.N1	19-MAY-2007 02:15:47	Dark	43.000	31	Alp Gru	1.7340	15200.	86	27269	No
26	GOM_TRA_1PNPDE20070519_022117_000000412058_00161_27269_1978.N1	19-MAY-2007 02:21:17	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27269	No
27	GOM_TRA_1PNPDE20070519_022926_000000432058_00161_27269_1979.N1	19-MAY-2007 02:29:26	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	27269	No
28	GOM_TRA_1PNPDE20070519_023100_000000512058_00161_27269_1980.N1	19-MAY-2007 02:31:00	Straylight	50.500	40	The Sco	1.8590	7100.0	101	27269	No
29	GOM_TRA_1PNPDE20070519_023251_000000502058_00161_27269_1981.N1	19-MAY-2007 02:32:51	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	27269	No
30	GOM_TRA_1PNPDE20070519_023505_000000492058_00161_27269_1982.N1	19-MAY-2007 02:35:05	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	27269	No
31	GOM_TRA_1PNPDE20070519_023805_000000542058_00161_27269_1983.N1	19-MAY-2007 02:38:05	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	27269	No
32	GOM_TRA_1PNPDE20070519_024037_000000452058_00161_27269_1984.N1	19-MAY-2007 02:40:37	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	27269	No
33	GOM_TRA_1PNPDE20070519_024413_000000382058_00161_27269_1985.N1	19-MAY-2007 02:44:13	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	27269	No

34	GOM_TRA_1PNPDE20070519_024613_000000472058_00161_27269_1986.N1	19-MAY-2007 02:46:13	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	27269	No
35	GOM_TRA_1PNPDE20070519_024921_000000422058_00161_27269_1987.N1	19-MAY-2007 02:49:21	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	27269	No
36	GOM_TRA_1PNPDE20070519_025500_000000392058_00161_27269_1988.N1	19-MAY-2007 02:55:00	Bright	39.000	83		2.3780	11000.	78	27269	No
37	GOM_TRA_1PNPDE20070519_030638_000000372058_00161_27269_1989.N1	19-MAY-2007 03:06:38	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27269	No
38	GOM_TRA_1PNPDE20070519_031735_000000662058_00161_27269_2121.N1	19-MAY-2007 03:17:35	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	27269	No
39	GOM_TRA_1PNPDE20070519_032123_000000382058_00161_27269_2122.N1	19-MAY-2007 03:21:23	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	27269	No
40	GOM_TRA_1PNPDE20070519_033045_000000482058_00161_27269_2123.N1	19-MAY-2007 03:30:45	Twilight	47.500	58	21Alp And	2.0730	11000.	95	27269	No
41	GOM_TRA_1PNPDE20070519_033500_000000422058_00161_27269_2124.N1	19-MAY-2007 03:35:00	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	27269	No
42	GOM_TRA_1PNPDE20070519_035036_000000502058_00161_27269_2125.N1	19-MAY-2007 03:50:36	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	27269	No
43	GOM_TRA_1PNPDE20070519_035450_000000502058_00161_27269_2126.N1	19-MAY-2007 03:54:50	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27269	No
44	GOM_TRA_1PNPDE20070519_035623_000000432058_00162_27270_2127.N1	19-MAY-2007 03:56:23	Dark	43.000	31	Alp Gru	1.7340	15200.	86	27270	No
45	GOM_TRA_1PNPDE20070519_040154_000000412058_00162_27270_2128.N1	19-MAY-2007 04:01:54	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27270	No
46	GOM_TRA_1PNPDE20070519_041003_000000422058_00162_27270_2129.N1	19-MAY-2007 04:10:03	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	27270	No
47	GOM_TRA_1PNPDE20070519_041136_000000512058_00162_27270_2130.N1	19-MAY-2007 04:11:36	Straylight	51.000	40	The Sco	1.8590	7100.0	102	27270	No
48	GOM_TRA_1PNPDE20070519_041328_000000512058_00162_27270_2131.N1	19-MAY-2007 04:13:28	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	27270	No

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



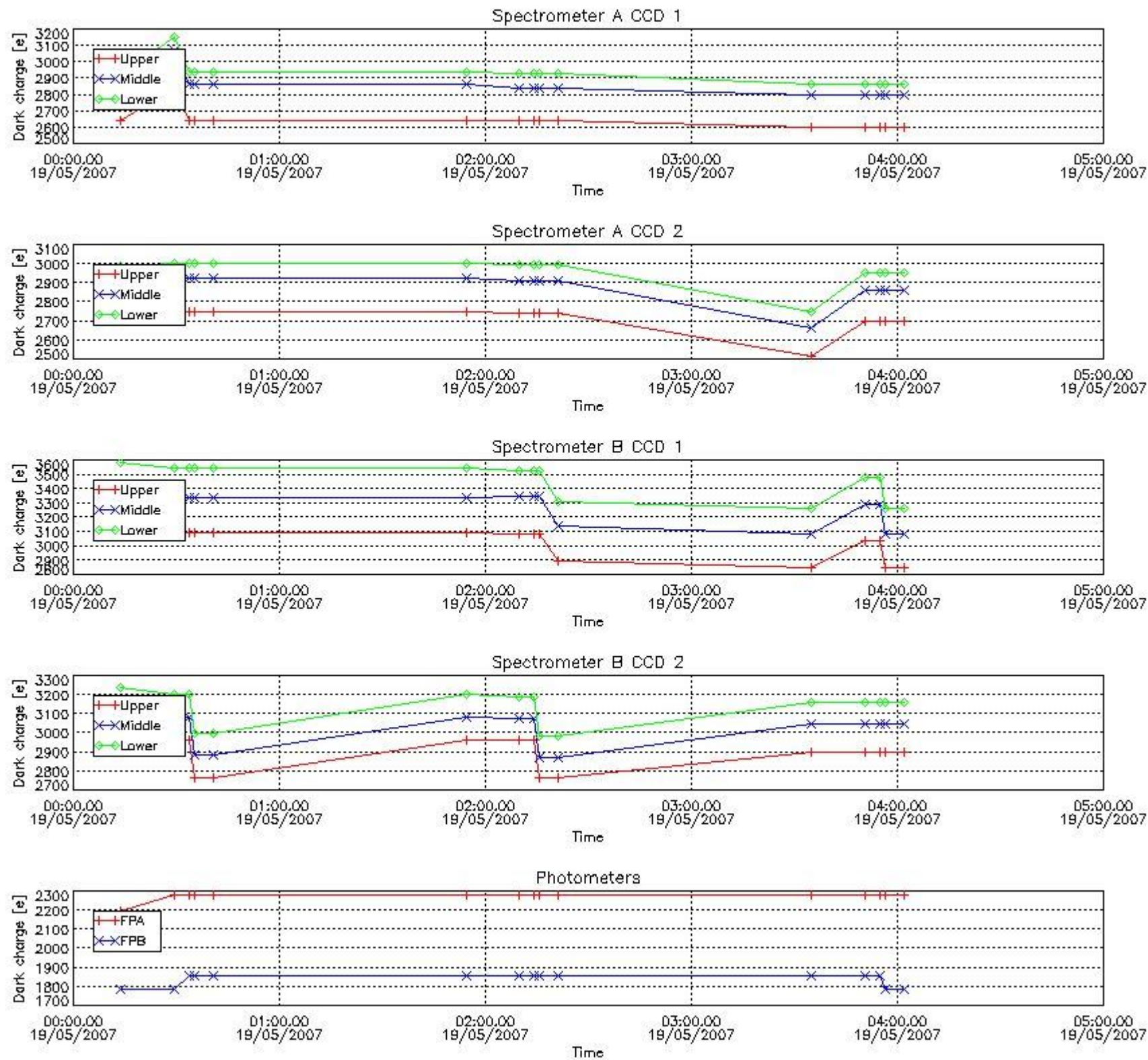
4. Overview of dark signal processing per product

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 conditions without error flag set.

4.1 All products used the DSA observation for the DC computation

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

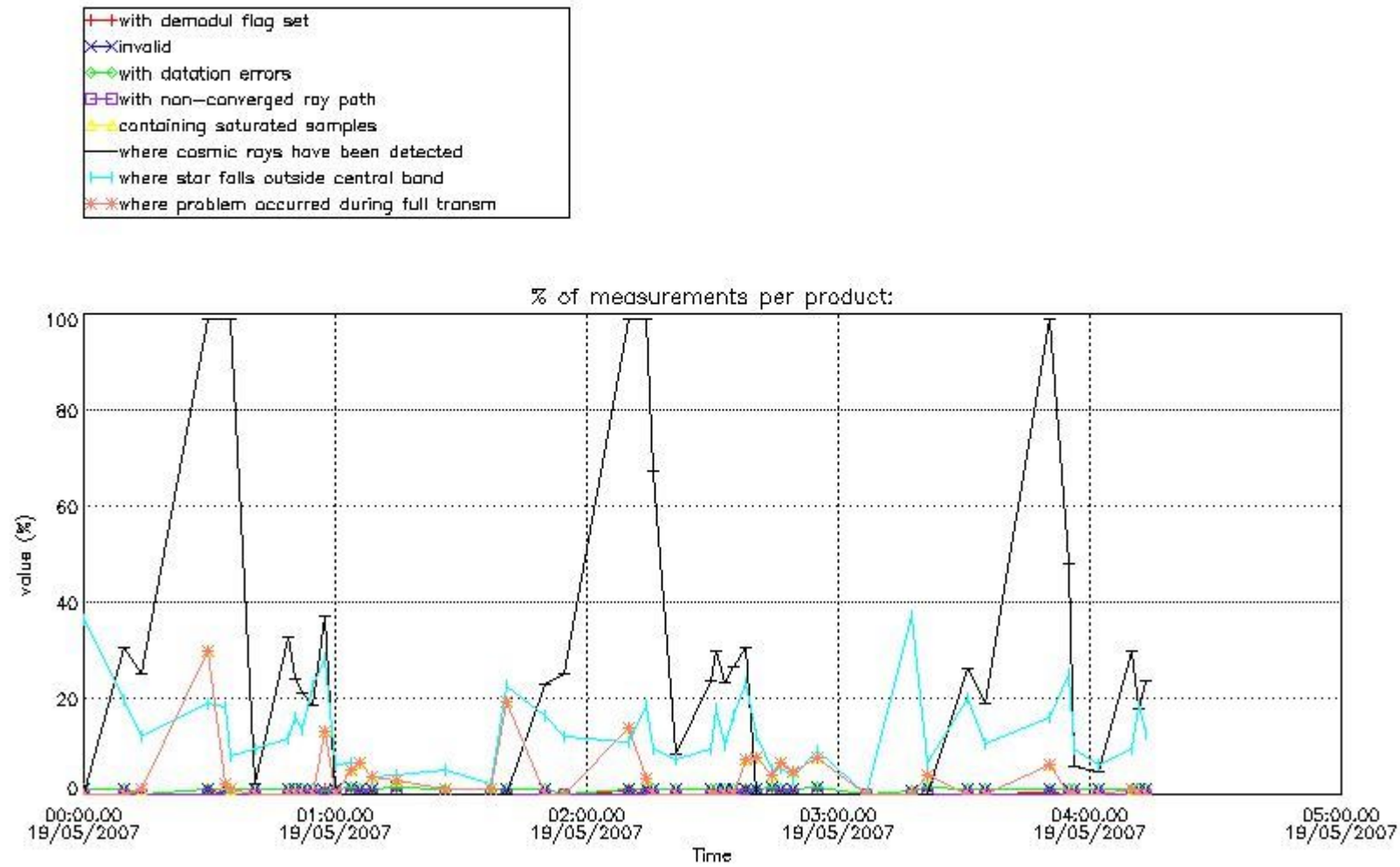
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

(error flag in the MPH set to "0") are used.

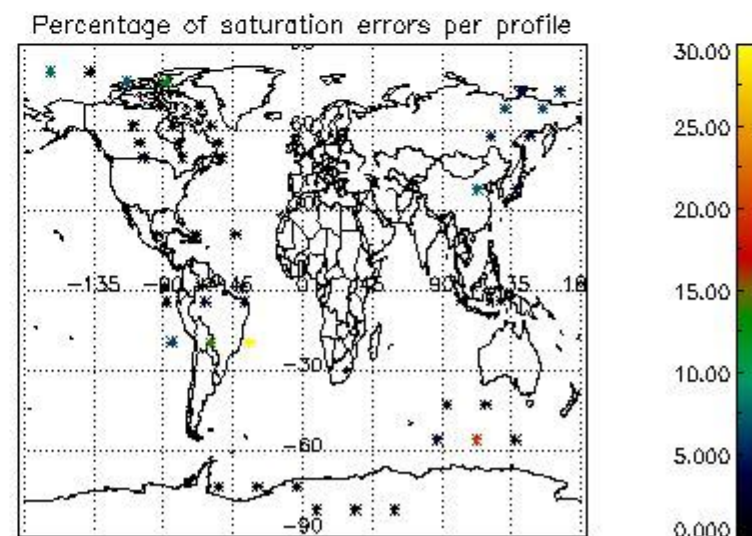
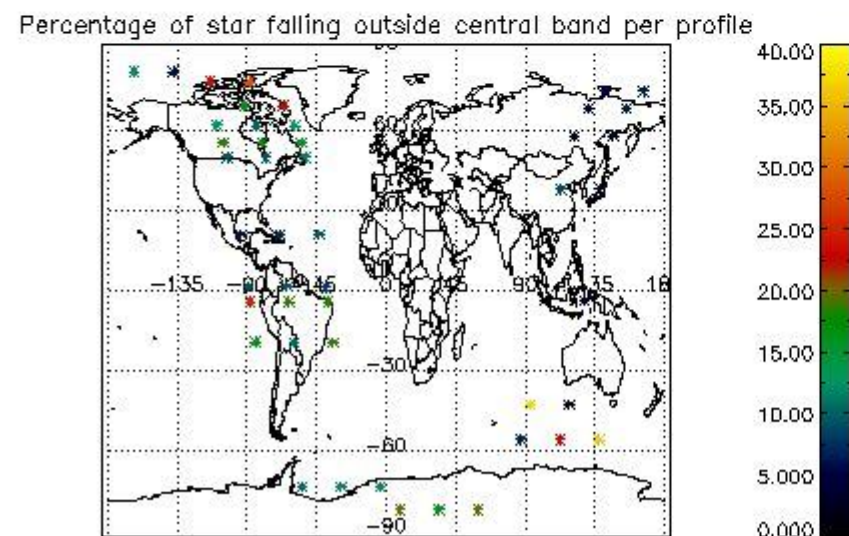
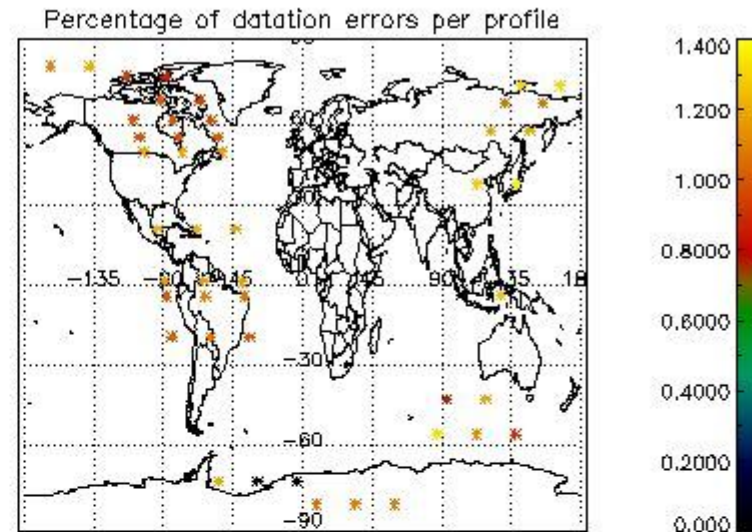
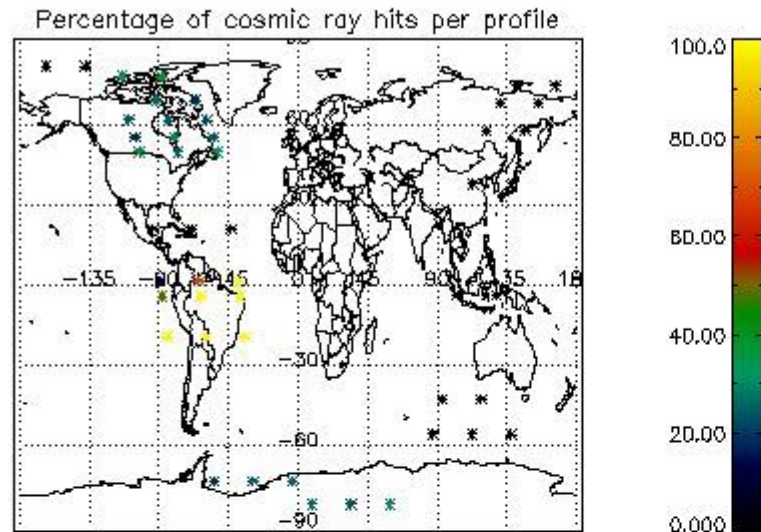
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	31.2500 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



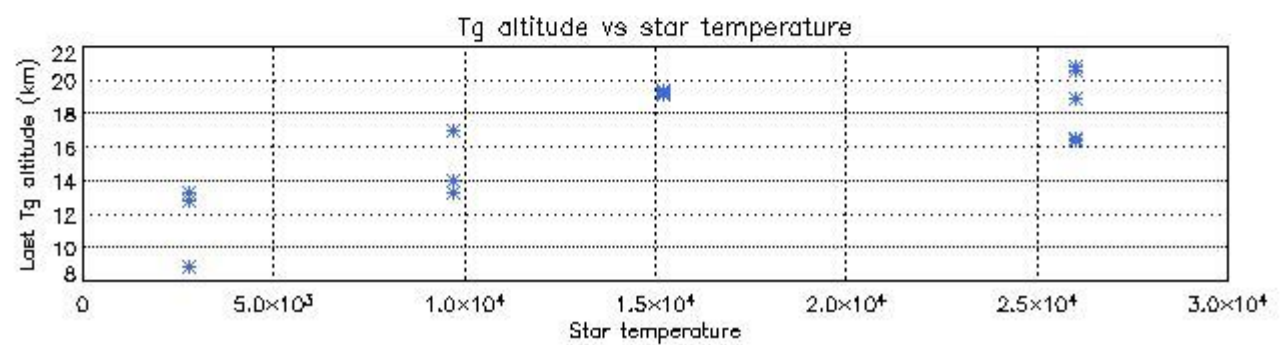
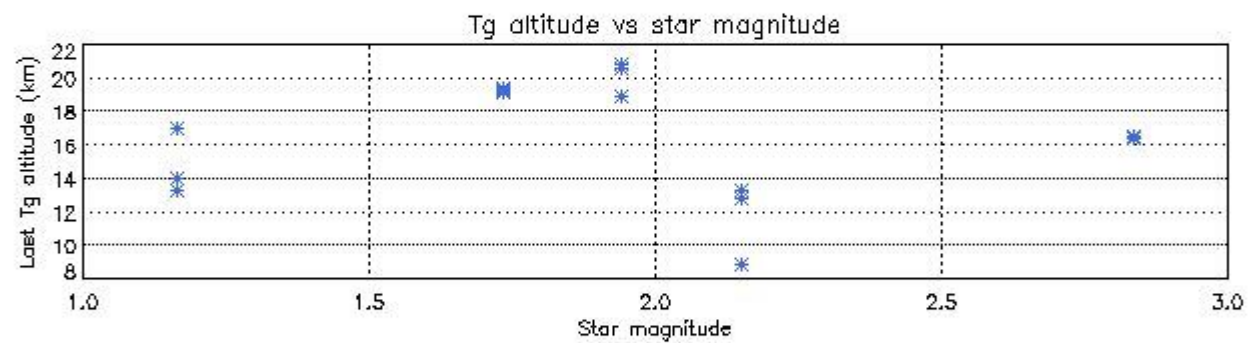
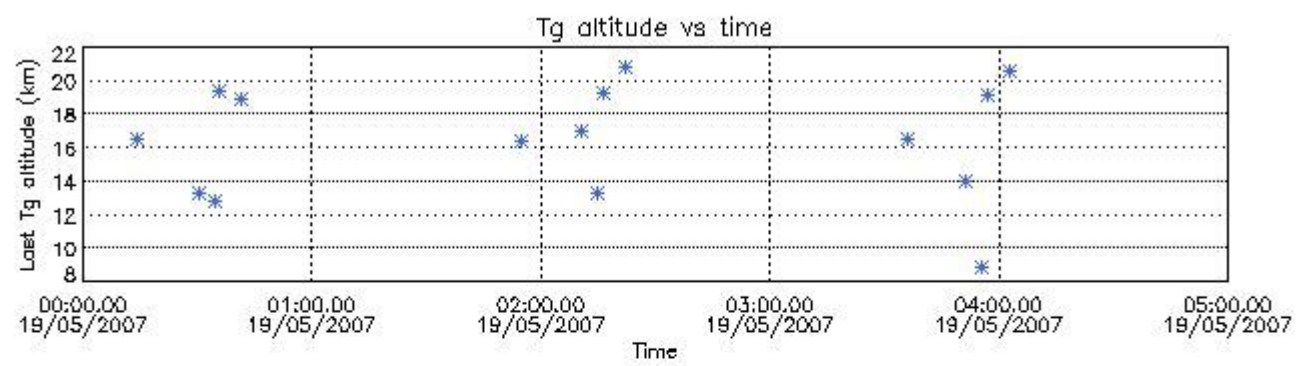
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.419	18.864	NaN
St. deviation:	3.3999	6.6697	NaN
Maximum:	20.758	28.371	NaN
Minimum:	8.8540	3.5219	NaN
Number of data:	15.000	17.000	NaN

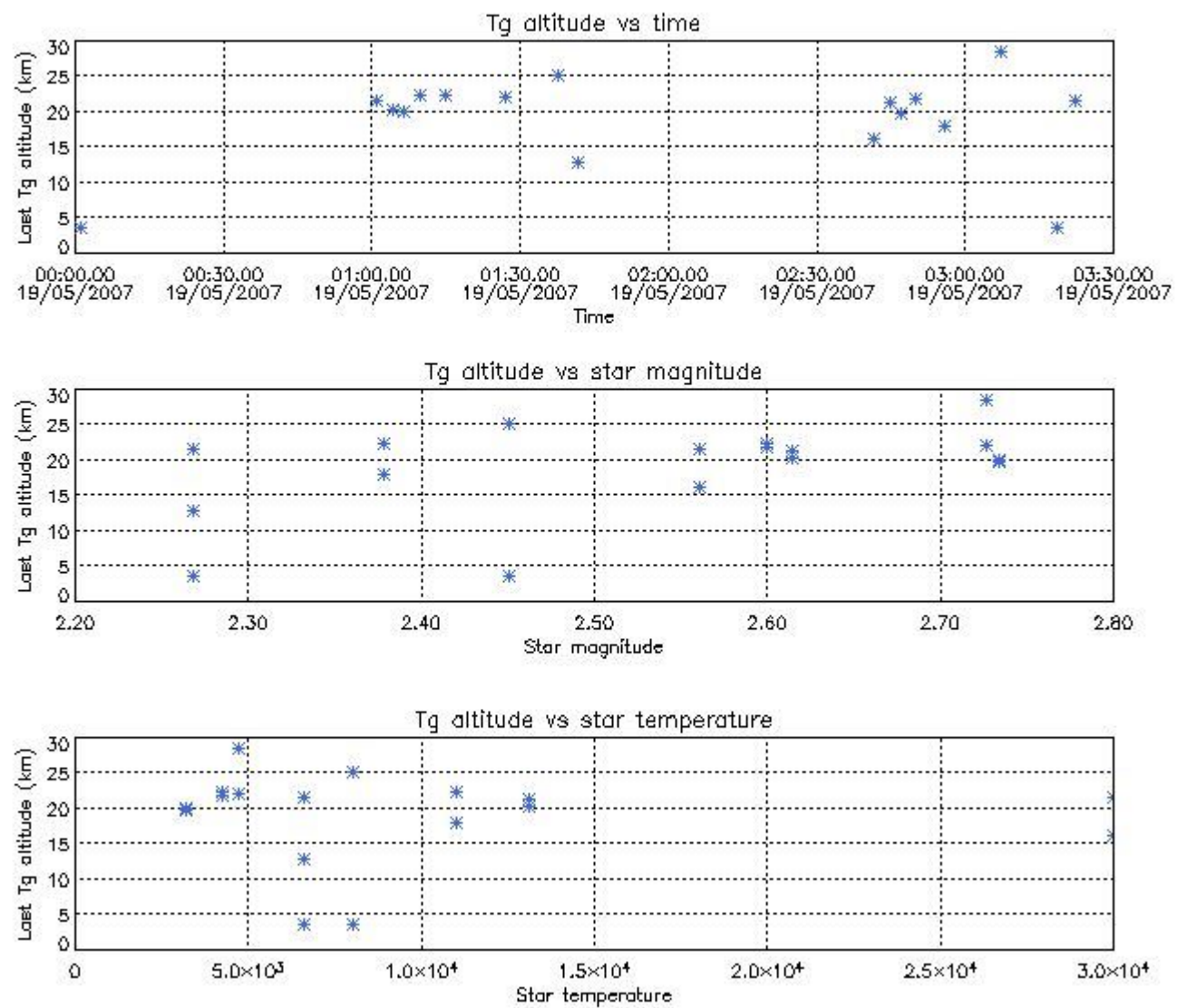
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

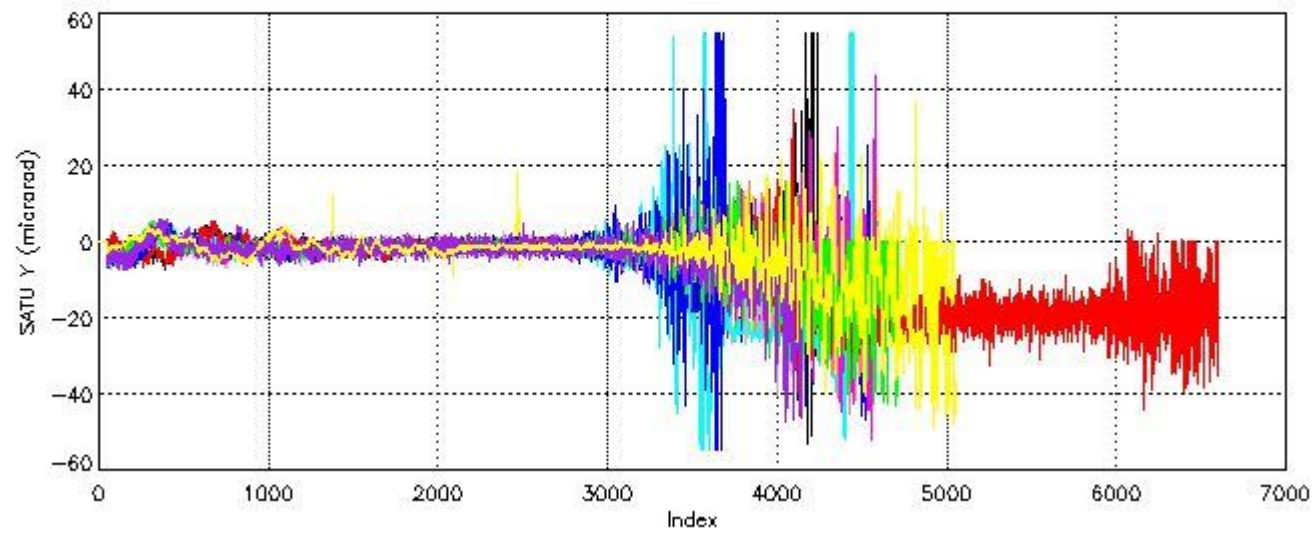
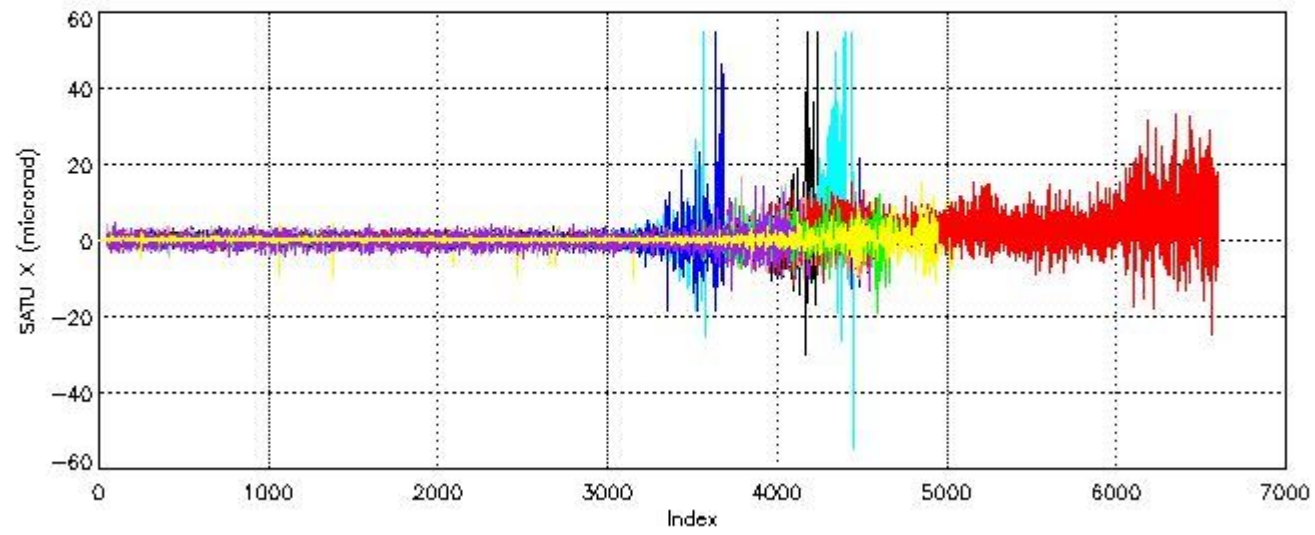


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20947	-1.2048	0.30171	-1.0293
St. deviation:	0.56876	2.4343	0.77891	2.4312
Maximum:	4.5000	6.0000	4.2000	6.7000
Minimum:	-9.1000	-7.8000	-3.5000	-9.0000

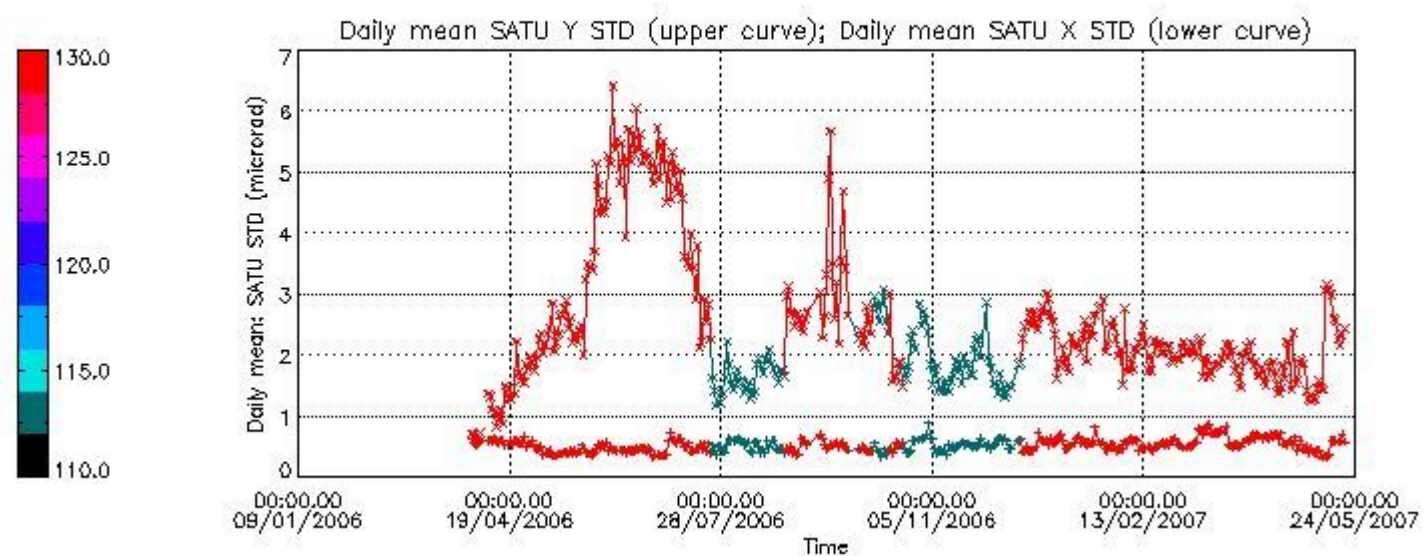
Number of data:	15150.	15150.	16000.	16000.
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7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

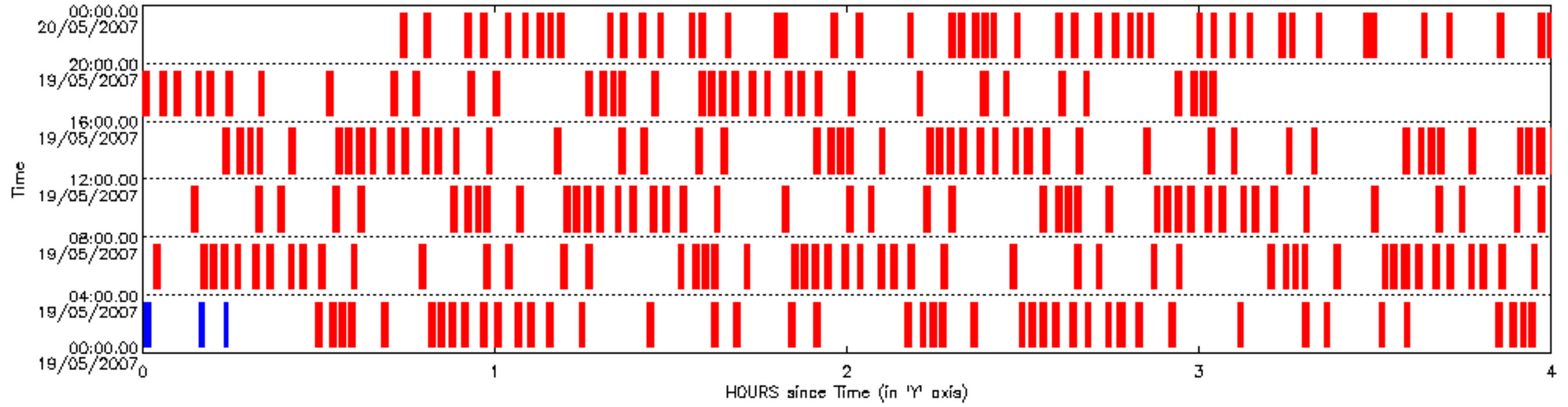
Upper curve: STD of SATU Y axis
Lower curve: STD of SATU X axis

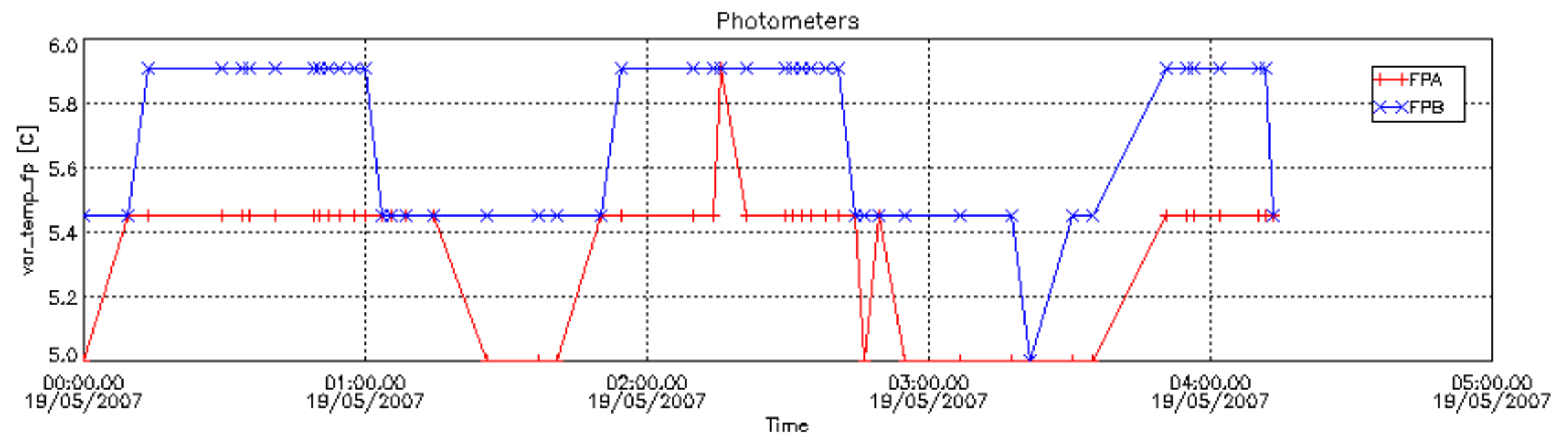
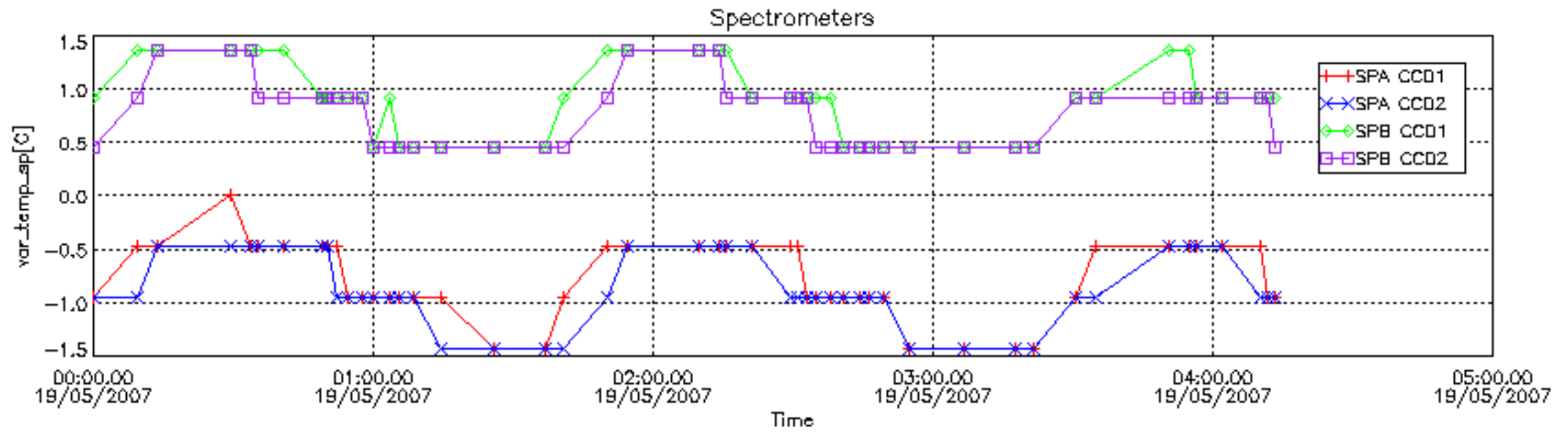


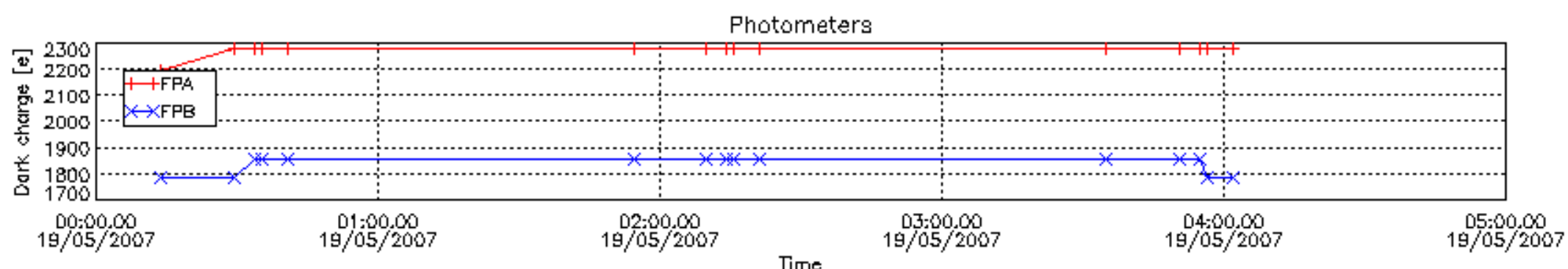
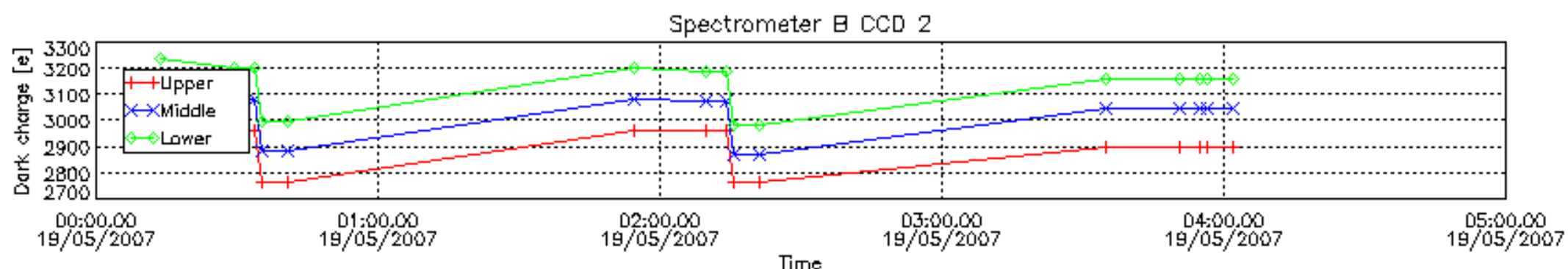
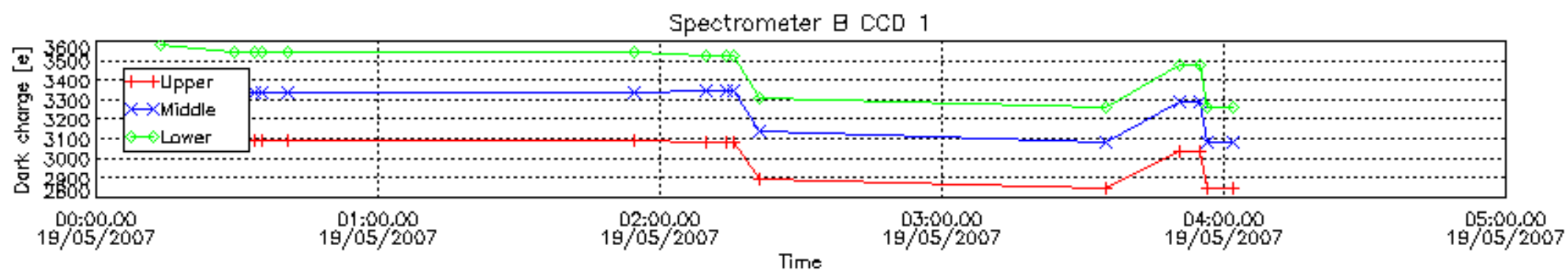
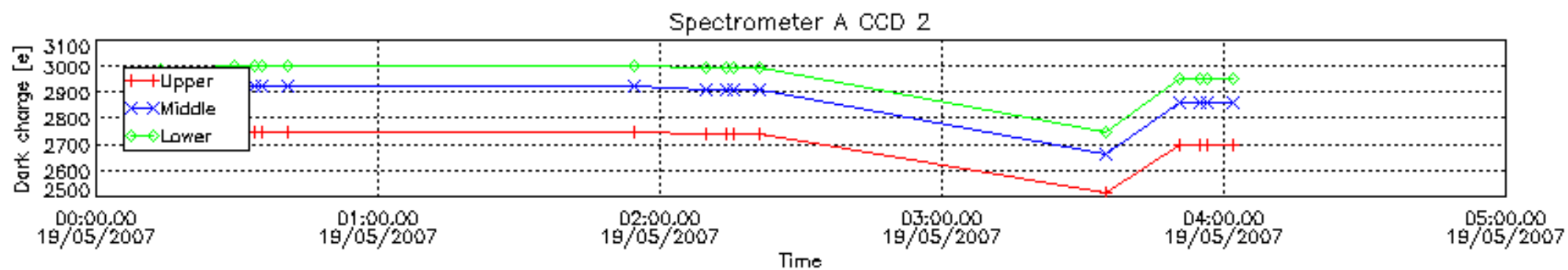
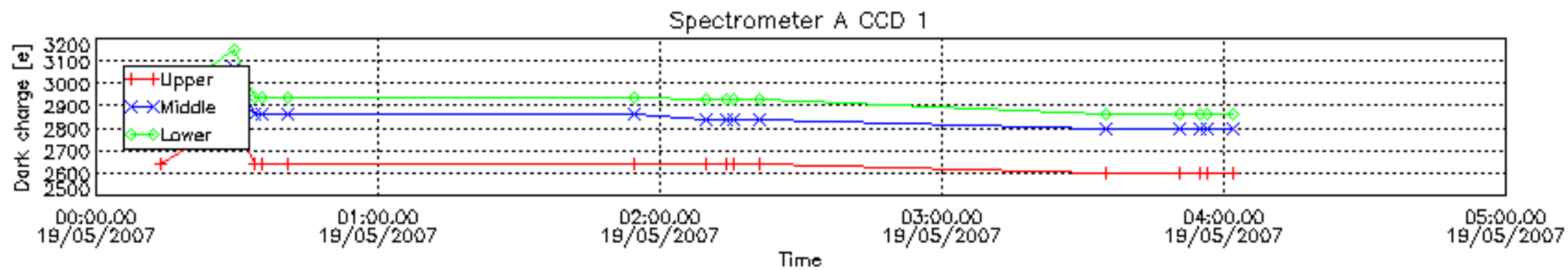
8. Auxiliary Data Files used for the production reported in section 2.4

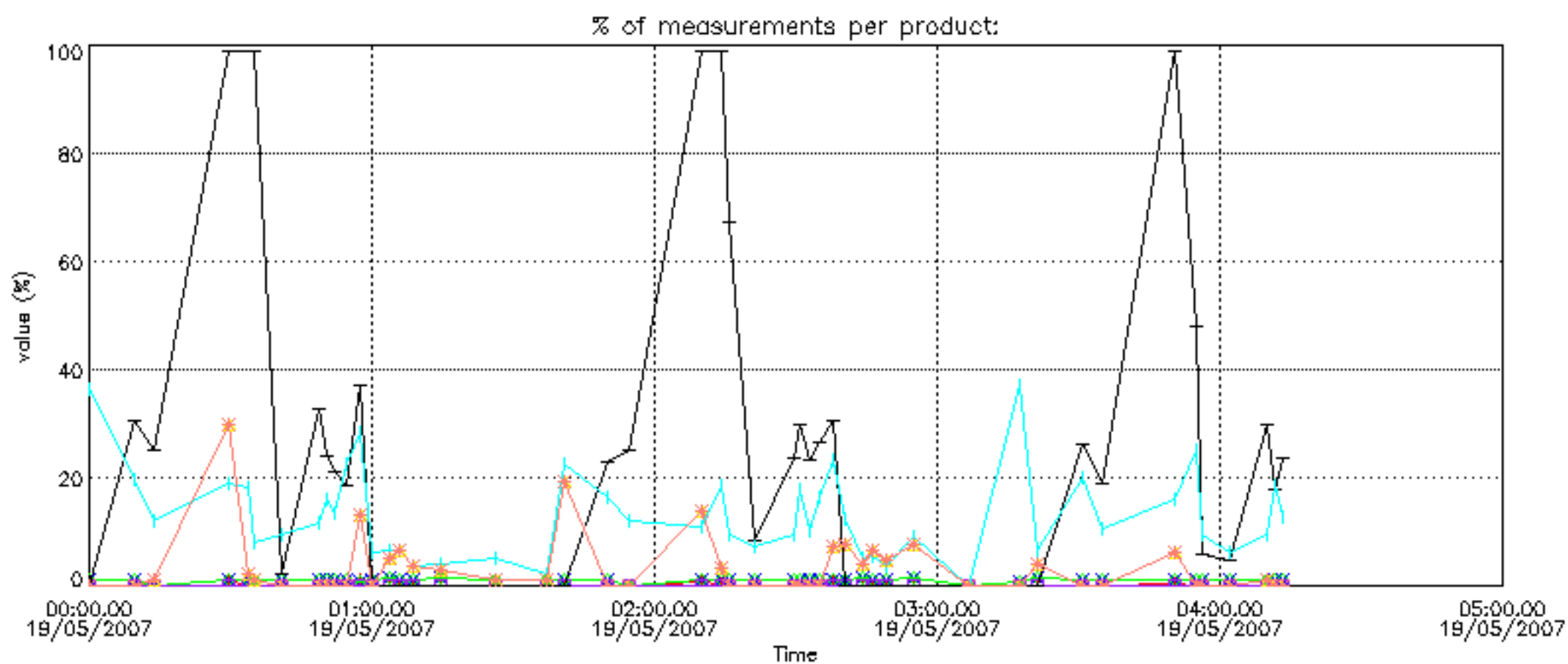
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	19-MAY-2007 00:00:11
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20070503_074756_20070502_000000_20100101_000000	1	19-MAY-2007 00:00:11
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	19-MAY-2007 00:00:11
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	19-MAY-2007 00:00:11
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	19-MAY-2007 00:00:11
ECMWF_FILE	AUX_ECF_AXNECM20070518_062110_20070518_210000_20070519_090000	1	19-MAY-2007 00:00:11
ECMWF_FILE	AUX_ECF_AXNECM20070518_182111_20070519_030000_20070519_150000	38	19-MAY-2007 03:17:35
OPTIONAL_ECMWF_FILE	MISSING	1	19-MAY-2007 00:00:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20070518_223742_000057382058_00158_27266_3510.N1	1	19-MAY-2007 00:00:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20070519_001839_000057382058_00159_27267_3511.N1	23	19-MAY-2007 02:09:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20070519_015936_000041442058_00160_27268_3512.N1	38	19-MAY-2007 03:17:35

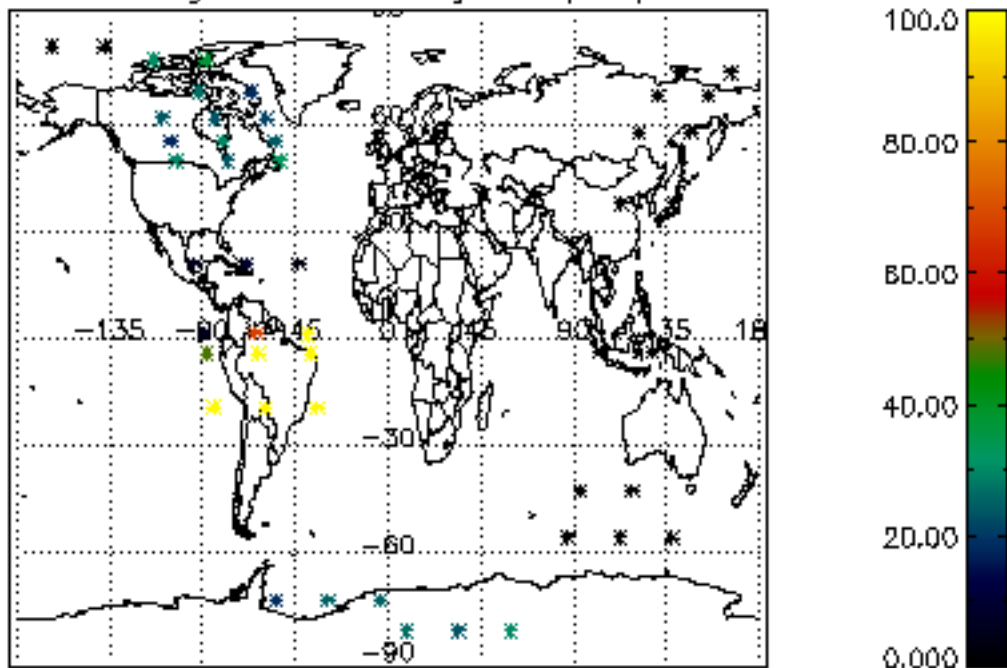




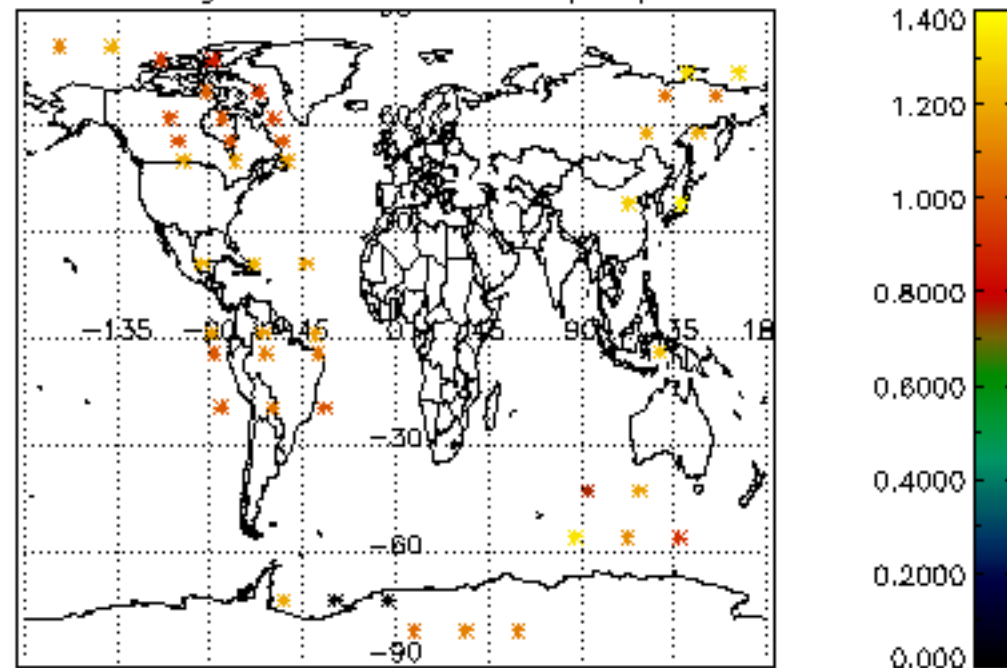




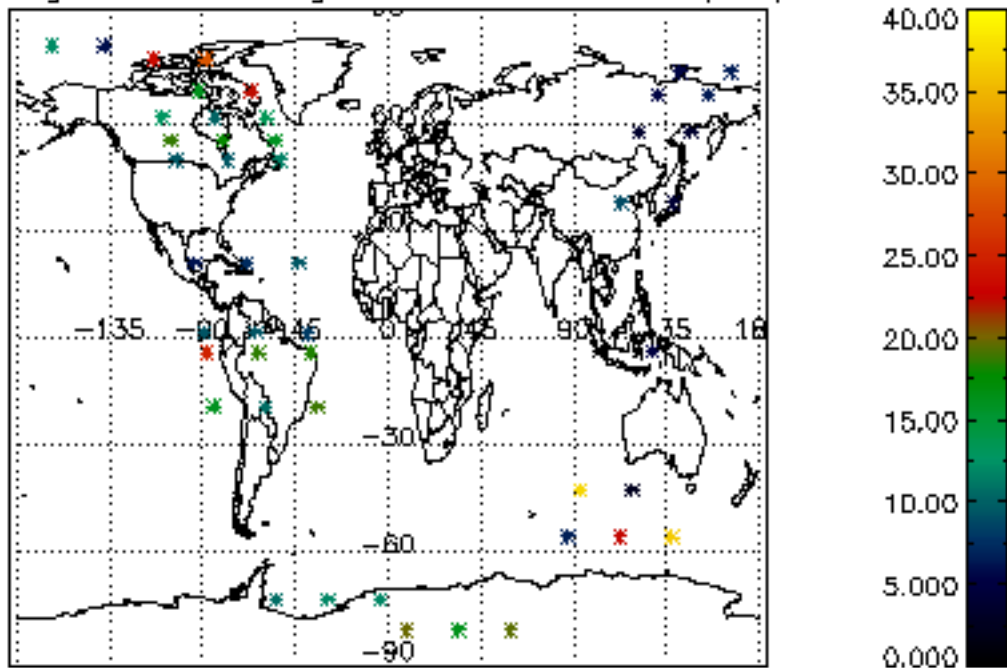
Percentage of cosmic ray hits per profile



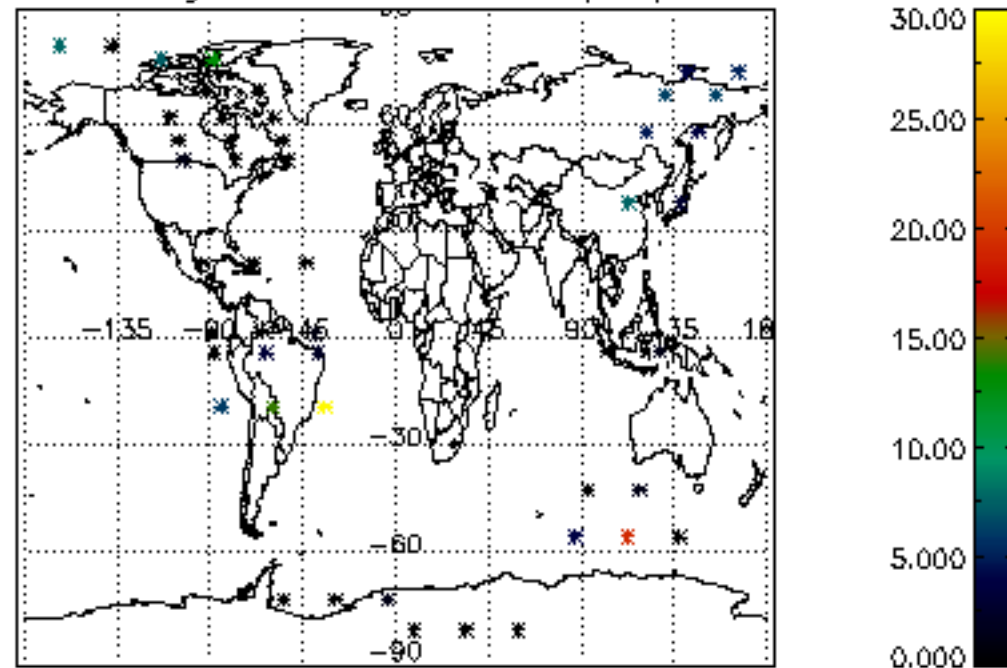
Percentage of datation errors per profile



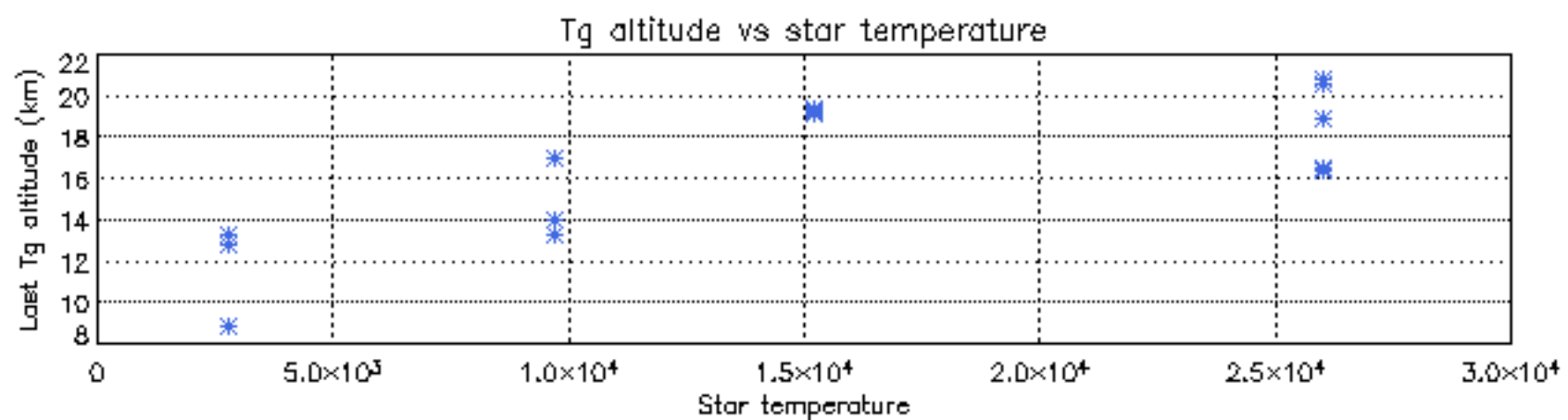
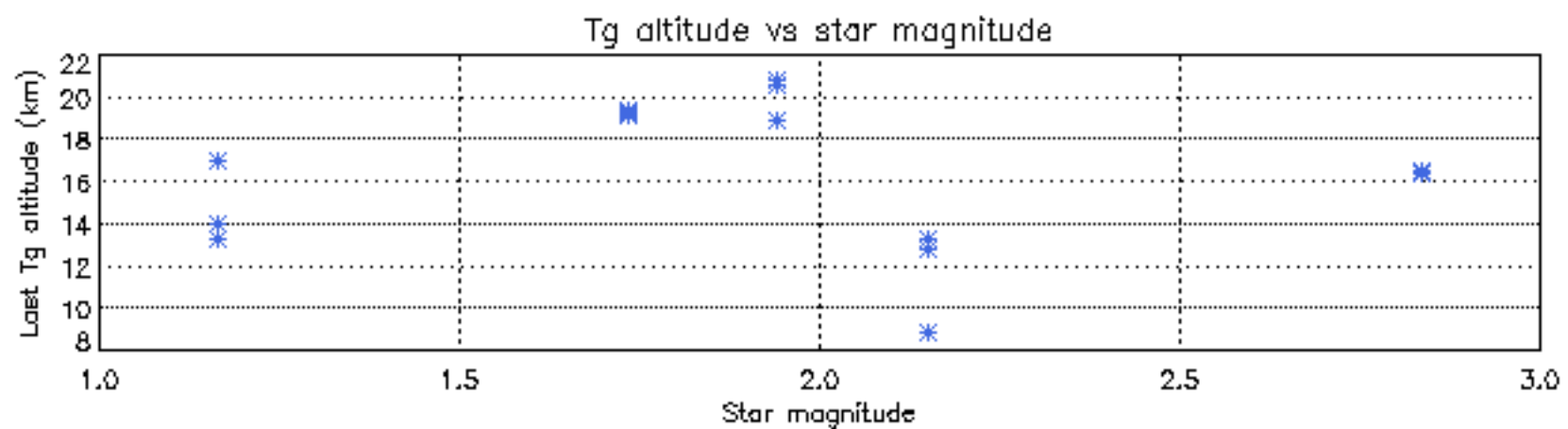
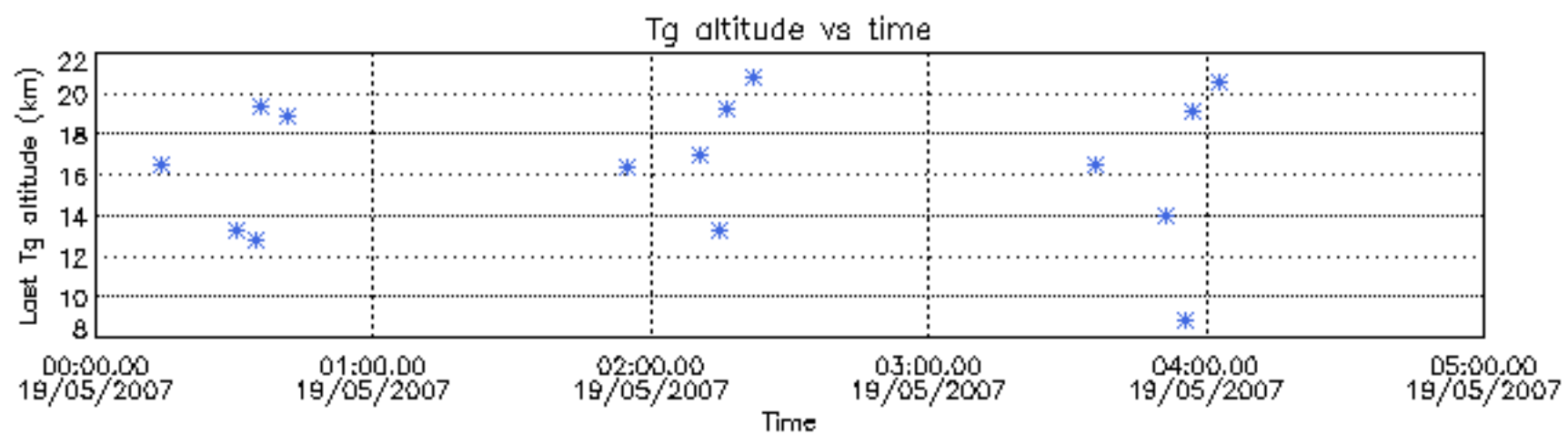
Percentage of star falling outside central band per profile



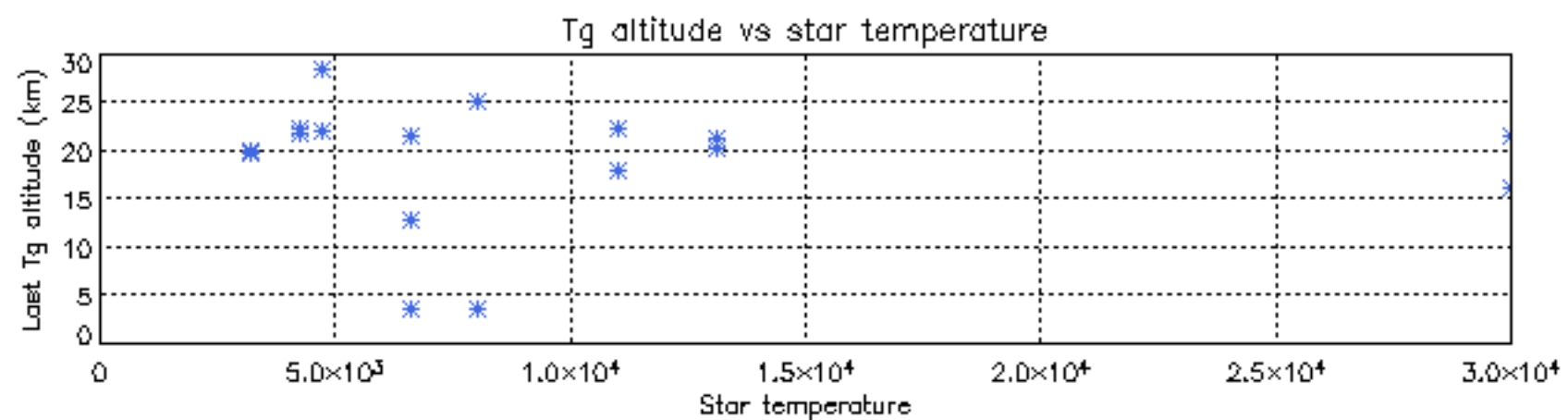
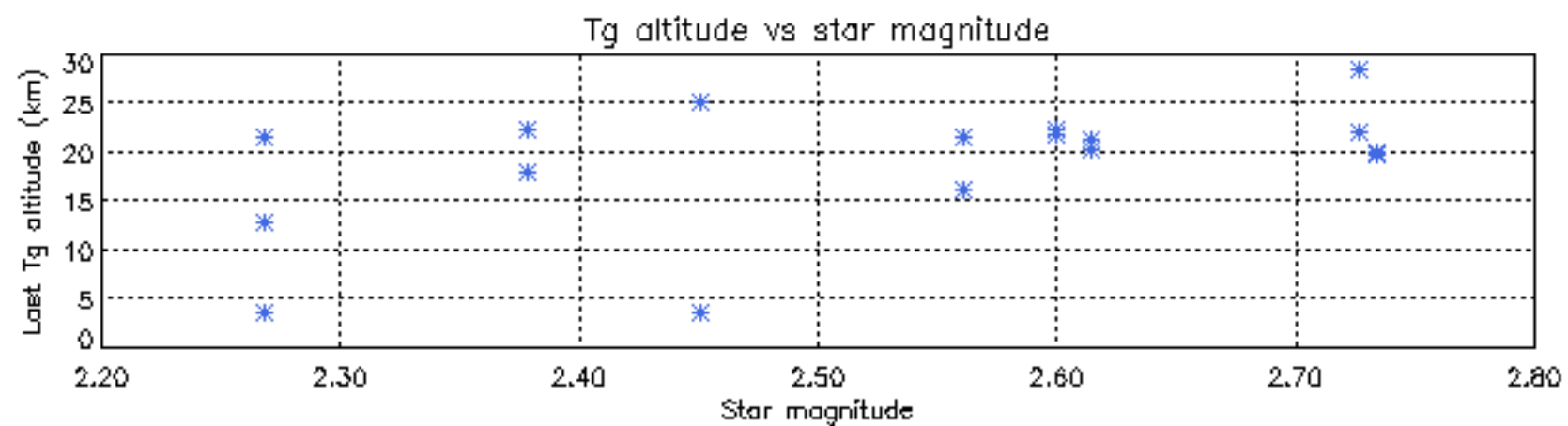
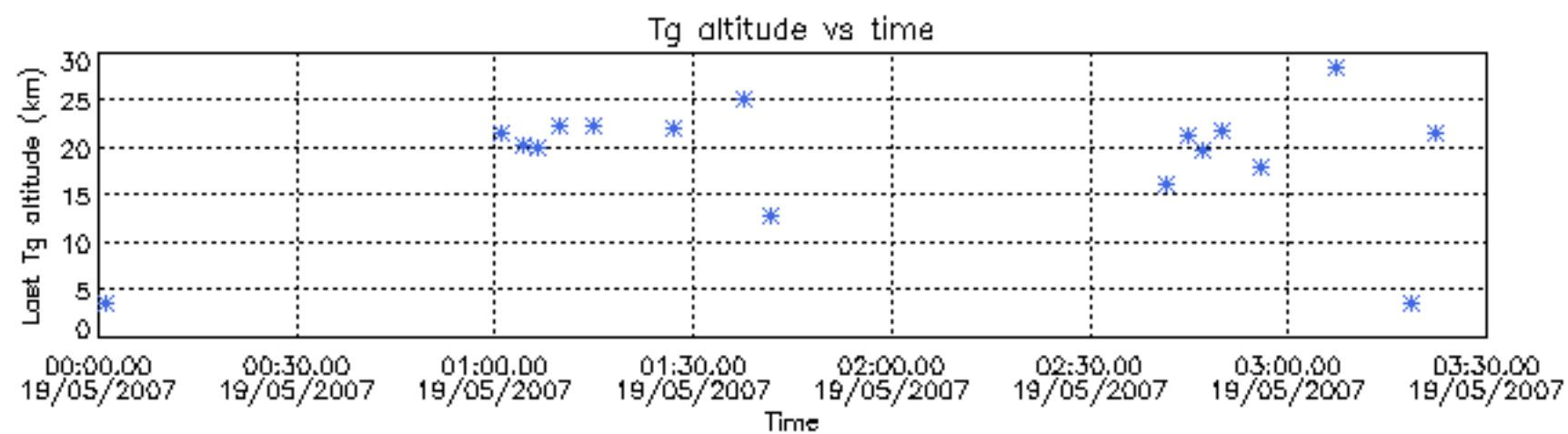
Percentage of saturation errors per profile

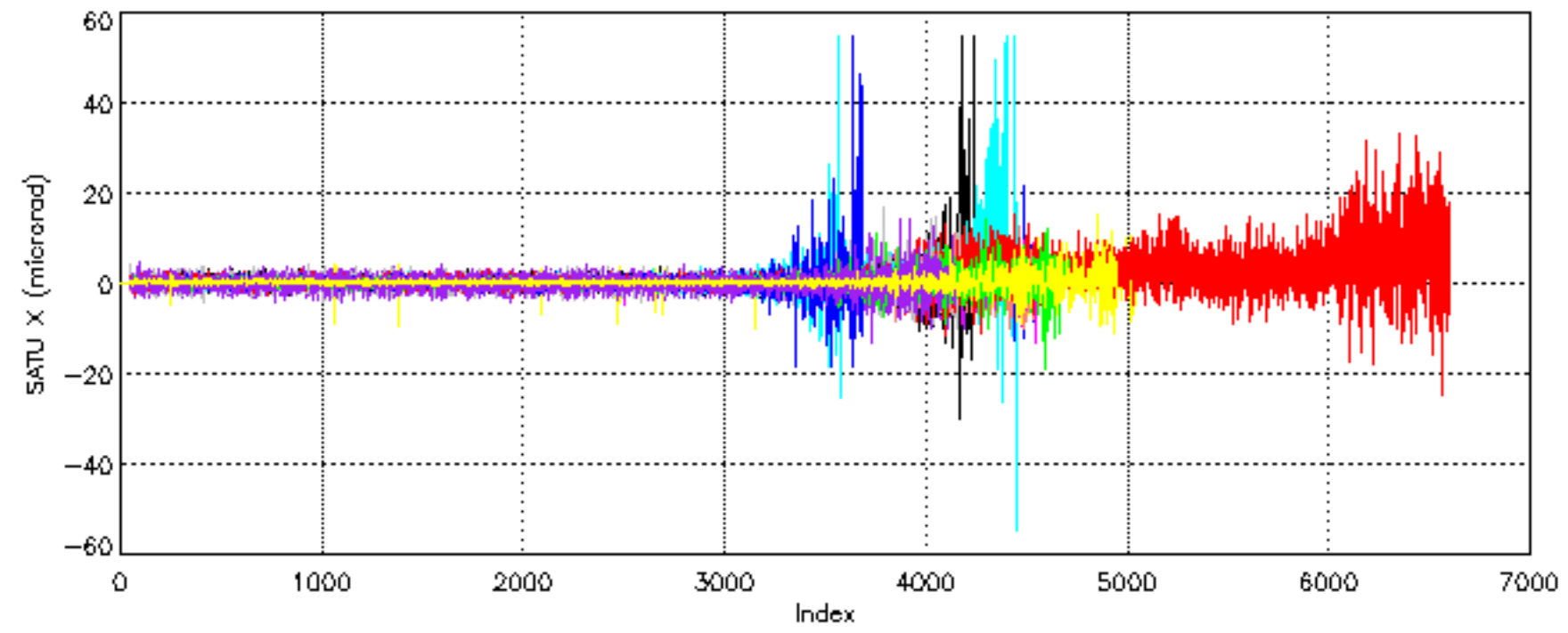


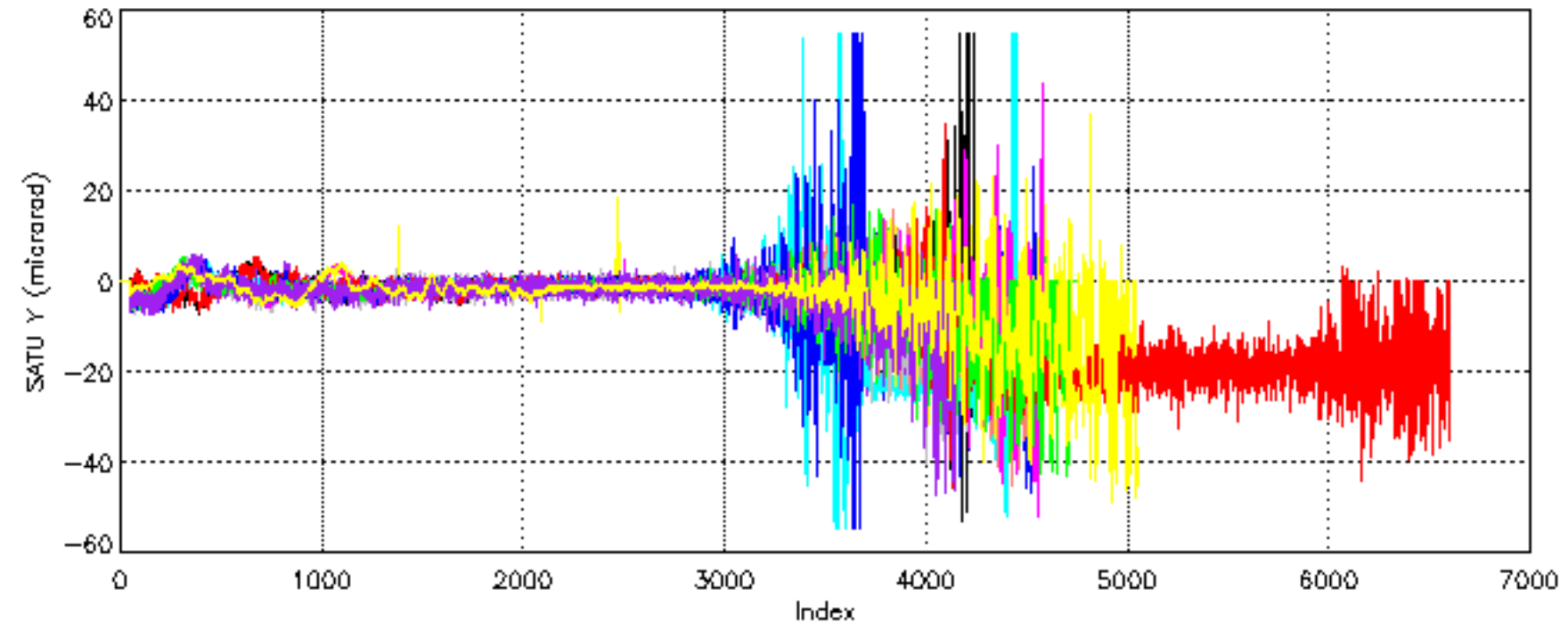
Tangent altitude at which the star is lost

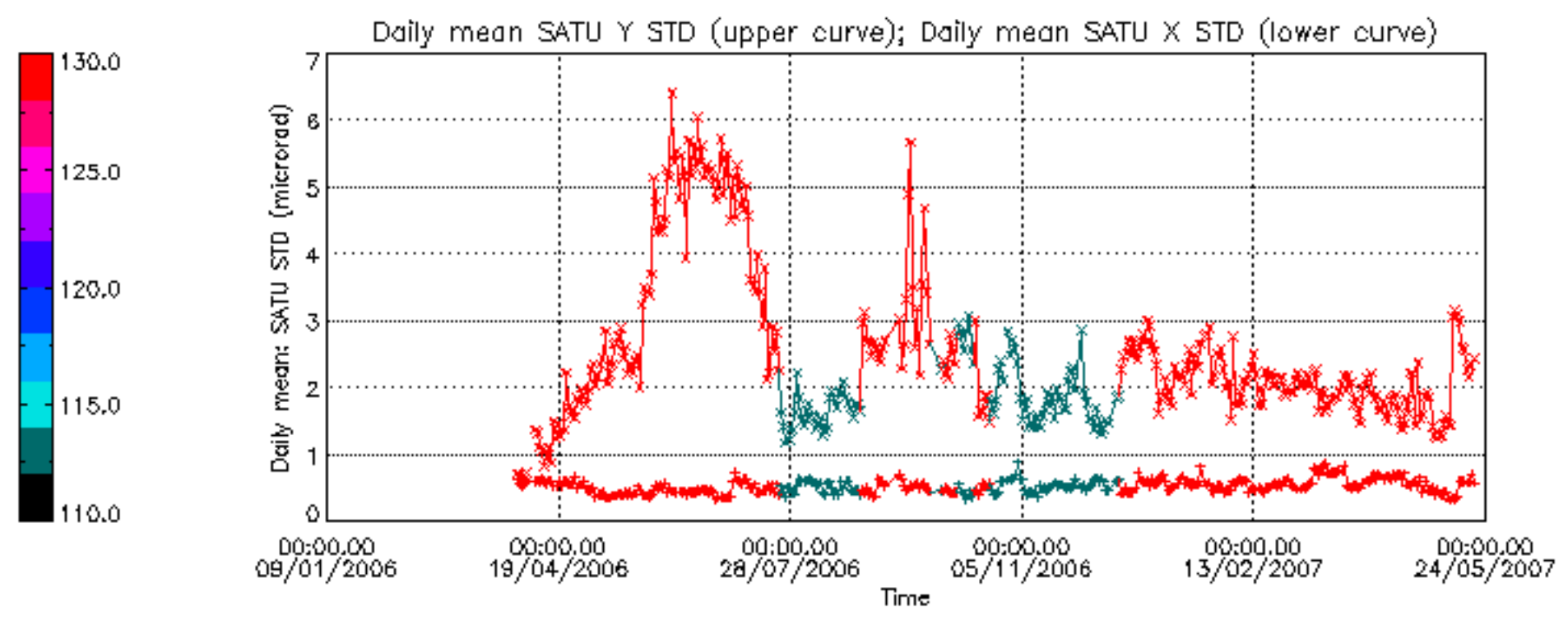


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20070501_013443_000038472057_00403_27010_3611.N1

1; -370.3; 01-MAY-2007 01:34:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;27010
 2; -150.6; 01-MAY-2007 01:38:22; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;27010
 3; 7.7; 01-MAY-2007 01:41:01; Dark ; 45.5; 148; Alp Tuc ; 2.88; 4100;occ; 91; 0;27011
 4; 177.8; 01-MAY-2007 01:43:51; Dark ; 35.0; 45; Alp Pav ; 1.94; 26000;occ; 70; 0;27011
 5; 575.4; 01-MAY-2007 01:50:28; Dark ; 42.0; 43; Alp TrA ; 1.91; 4250;occ; 84; 0;27011
 6; 707.1; 01-MAY-2007 01:52:40; Dark ; 42.5; 134; Bet TrA ; 2.81; 6600;occ; 85; 0;27011
 7; 831.2; 01-MAY-2007 01:54:44; Dark ; 43.5; 4; Alp1Cen ;-0.01; 5800;occ; 87; 0;27011
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 20; 3923.5; 04-MAY-2007 01:11:26; Bright; 46.0; 110; 37Del Cas ; 2.68; 8900;occ; 92; 0;27053
 21; 4003.6; 04-MAY-2007 01:12:46; Bright; 33.0; 68; 18Alp Cas ; 2.22; 4500;occ; 66; 0;27053

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 3; -480.0; 03-MAY-2007 07:12:03; Dark ; 43.0; 18; 24Alp PsA ; 1.17; 9700;occ; 86; 0;27042
 4; -305.2; 03-MAY-2007 07:14:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;27042
 5; -132.4; 03-MAY-2007 07:17:51; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;27042
 6; 19.4; 03-MAY-2007 07:20:22; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;27043
 7; 586.9; 03-MAY-2007 07:29:50; Dark ; 48.0; 43; Alp TrA ; 1.91; 4250;occ; 96; 0;27043
 8; 718.9; 03-MAY-2007 07:32:02; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;27043
 9; 839.8; 03-MAY-2007 07:34:03; Dark ; 50.0; 4; Alp1Cen ; -0.01; 5800;occ; 100; 0;27043
 10; 1046.3; 03-MAY-2007 07:37:29; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;27043
 11; 1138.5; 03-MAY-2007 07:39:02; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;27043
 12; 1262.4; 03-MAY-2007 07:41:05; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;27043
 13; 1517.5; 03-MAY-2007 07:45:20; Bright; 37.0; 169; 46Gam Hya ; 2.99; 4700;occ; 74; 0;27043

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Problem occurred when reading packet number 377!

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 4; -305.2; 03-MAY-2007 07:14:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;27042
 5; -132.4; 03-MAY-2007 07:17:51; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;27042
 6; 19.4; 03-MAY-2007 07:20:22; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;27043
 7; 586.9; 03-MAY-2007 07:29:50; Dark ; 48.0; 43; Alp TrA ; 1.91; 4250;occ; 96; 0;27043
 8; 718.9; 03-MAY-2007 07:32:02; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;27043
 9; 839.8; 03-MAY-2007 07:34:03; Dark ; 50.0; 4; Alp1Cen ; -0.01; 5800;occ; 100; 0;27043
 10; 1046.3; 03-MAY-2007 07:37:29; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;27043
 11; 1138.5; 03-MAY-2007 07:39:02; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;27043
 12; 1262.4; 03-MAY-2007 07:41:05; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;27043
 13; 1517.5; 03-MAY-2007 07:45:20; Bright; 37.0; 169; 46Gam Hya ; 2.99; 4700;occ; 74; 0;27043

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 2; 1901.2; 03-MAY-2007 07:51:44; Bright; 36.0; 121; 29Gam Vir ; 2.74; 7200;occ; 72; 0;27043
 3; 2097.9; 03-MAY-2007 07:55:01; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;27043
 4; 2559.9; 03-MAY-2007 08:02:43; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;27043
 5; 2837.4; 03-MAY-2007 08:07:20; Bright; 35.0; 87; 64Gam UMa ; 2.43; 11000;occ; 70; 0;27043
 6; 2925.1; 03-MAY-2007 08:08:48; Bright; 37.0; 82; 48Bet UMa ; 2.37; 10600;occ; 74; 0;27043
 7; 3002.6; 03-MAY-2007 08:10:06; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;27043
 8; 3445.1; 03-MAY-2007 08:17:28; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;27043
 9; 3922.2; 03-MAY-2007 08:25:25; Bright; 34.0; 110; 37Del Cas ; 2.68; 8900;occ; 68; 0;27043
 10; 4003.0; 03-MAY-2007 08:26:46; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;27043
 11; 5556.4; 03-MAY-2007 08:52:39; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;27043
 12; 5731.0; 03-MAY-2007 08:55:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;27043
 13; 5904.1; 03-MAY-2007 08:58:27; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;27043
 14; 6055.8; 03-MAY-2007 09:00:59; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;27043
 15; 6623.1; 03-MAY-2007 09:10:26; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;27043
 16; 6755.1; 03-MAY-2007 09:12:38; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;27043
 17; 6876.0; 03-MAY-2007 09:14:39; Dark ; 50.5; 4; Alp1Cen ; -0.01; 5800;occ; 101; 0;27043
 18; 7082.5; 03-MAY-2007 09:18:05; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;27043
 19; 7174.8; 03-MAY-2007 09:19:38; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;27043
 20; 7298.5; 03-MAY-2007 09:21:42; Dark ; 44.0; 54; 5The Cen ; 2.06; 4500;occ; 88; 0;27043
 21; 7553.5; 03-MAY-2007 09:25:57; Bright; 36.5; 169; 46Gam Hya ; 2.99; 4700;occ; 73; 0;27043
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4; 2559.9; 03-MAY-2007 09:43:19; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;27044
5; 2837.6; 03-MAY-2007 09:47:57; Bright; 42.0; 87; 64Gam UMa ; 2.43; 11000;occ; 84; 0;27044
6; 2925.3; 03-MAY-2007 09:49:24; Bright; 35.0; 82; 48Bet UMa ; 2.37; 10600;occ; 70; 0;27044
7; 3002.8; 03-MAY-2007 09:50:42; Bright; 34.5; 36; 50Alp UMa ; 1.80; 6300;occ; 69; 0;27044
8; 3445.0; 03-MAY-2007 09:58:04; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;27044
9; 3922.3; 03-MAY-2007 10:06:01; Bright; 35.5; 110; 37Del Cas ; 2.68; 8900;occ; 71; 0;27044
10; 4002.9; 03-MAY-2007 10:07:22; Bright; 33.0; 68; 18Alp Cas ; 2.22; 4500;occ; 66; 0;27044
11; 5556.9; 03-MAY-2007 10:33:16; Dark ; 44.5; 18; 24Alp PsA ; 1.17; 9700;occ; 89; 0;27044
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13; 5904.7; 03-MAY-2007 10:39:04; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;27044
14; 6056.1; 03-MAY-2007 10:41:35; Dark ; 43.0; 148; Alp Tuc ; 2.88; 4100;occ; 86; 0;27044
15; 6623.6; 03-MAY-2007 10:51:03; Dark ; 45.5; 43; Alp TrA ; 1.91; 4250;occ; 91; 0;27044
16; 6755.3; 03-MAY-2007 10:53:14; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;27044
17; 6876.1; 03-MAY-2007 10:55:15; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;27044
18; 7082.8; 03-MAY-2007 10:58:42; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;27044
19; 7175.0; 03-MAY-2007 11:00:14; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;27044
20; 7298.7; 03-MAY-2007 11:02:18; Dark ; 41.5; 54; 5The Cen ; 2.06; 4500;occ; 83; 0;27044
21; 7553.6; 03-MAY-2007 11:06:33; Bright; 37.0; 169; 46Gam Hya ; 2.99; 4700;occ; 74; 0;27044
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3; 2098.0; 03-MAY-2007 11:16:13; Bright; 36.5; 138; 47Eps Vir ; 2.83; 4700;occ; 73; 0;27045
4; 2559.8; 03-MAY-2007 11:23:55; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;27045
5; 2837.8; 03-MAY-2007 11:28:33; Bright; 35.0; 87; 64Gam UMa ; 2.43; 11000;occ; 70; 0;27045
6; 2925.6; 03-MAY-2007 11:30:00; Bright; 39.5; 82; 48Bet UMa ; 2.37; 10600;occ; 79; 0;27045
7; 3003.0; 03-MAY-2007 11:31:18; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;27045
8; 3445.0; 03-MAY-2007 11:38:40; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;27045
9; 3922.4; 03-MAY-2007 11:46:37; Bright; 33.5; 110; 37Del Cas ; 2.68; 8900;occ; 67; 0;27045
10; 4003.0; 03-MAY-2007 11:47:58; Bright; 17.0; 68; 18Alp Cas ; 2.22; 4500;occ; 34; 0;27045
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3; -304.3; 03-MAY-2007 12:16:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;27045
4; -130.7; 03-MAY-2007 12:19:40; Dark ; 40.0; 31; Alp Gru ; 1.73; 15200;occ; 80; 0;27045
5; 20.6; 03-MAY-2007 12:22:11; Dark ; 37.5; 148; Alp Tuc ; 2.88; 4100;occ; 75; 0;27046
6; 588.0; 03-MAY-2007 12:31:39; Dark ; 41.0; 43; Alp TrA ; 1.91; 4250;occ; 82; 0;27046
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2; 840.5; 03-MAY-2007 12:35:51; Dark ; 42.5; 4; Alp1Cen ;-0.01; 5800;occ; 85; 0;27046
3; 1047.2; 03-MAY-2007 12:39:18; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;27046
4; 1139.4; 03-MAY-2007 12:40:50; Dark ; 38.0; 81; Eta Cen ; 2.36; 28000;occ; 76; 0;27046
5; 1263.1; 03-MAY-2007 12:42:54; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;27046
6; 1518.0; 03-MAY-2007 12:47:09; Bright; 37.0; 169; 46Gam Hya ; 2.99; 4700;occ; 74; 0;27046
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2; 1716.0; 03-MAY-2007 12:50:27; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;27046
3; 1901.7; 03-MAY-2007 12:53:32; Bright; 10.5; 121; 29Gam Vir ; 2.74; 7200;occ; 21; 0;27046
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2; 2098.2; 03-MAY-2007 12:56:49; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;27046
3; 2560.0; 03-MAY-2007 13:04:31; Bright; 22.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 45; 0;27046
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2; 2837.9; 03-MAY-2007 13:09:09; Bright; 37.5; 87; 64Gam UMa ; 2.43; 11000;occ; 75; 0;27046
3; 2926.1; 03-MAY-2007 13:10:37; Bright; 35.5; 82; 48Bet UMa ; 2.37; 10600;occ; 71; 0;27046
4; 3003.4; 03-MAY-2007 13:11:54; Bright; 26.5; 36; 50Alp UMa ; 1.80; 6300;occ; 53; 0;27046
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3; 588.4; 03-MAY-2007 14:12:15; Dark ; 41.0; 43; Alp TrA ; 1.91; 4250;occ; 82; 0;27047
4; 720.2; 03-MAY-2007 14:14:27; Dark ; 38.5; 134; Bet TrA ; 2.81; 6600;occ; 77; 0;27047
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3; 1139.7; 03-MAY-2007 14:21:26; Dark ; 41.5; 81; Eta Cen ; 2.36; 28000;occ; 83; 0;27047
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3; 1901.8; 03-MAY-2007 14:34:08; Bright; 34.5; 121; 29Gam Vir ; 2.74; 7200;occ; 69; 0;27047
4; 2098.3; 03-MAY-2007 14:37:25; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;27047
5; 2559.9; 03-MAY-2007 14:45:07; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;27047
6; 2838.3; 03-MAY-2007 14:49:45; Bright; 18.5; 87; 64Gam UMA ; 2.43; 11000;occ; 37; 0;27047
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2; 2926.5; 03-MAY-2007 14:51:13; Bright; 35.5; 82; 48Bet Uma ; 2.37; 10600;occ; 71; 0;27047
3; 3003.7; 03-MAY-2007 14:52:30; Bright; 33.5; 36; 50Alp UMA ; 1.80; 6300;occ; 67; 0;27047
4; 3445.1; 03-MAY-2007 14:59:52; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;27047
5; 3922.8; 03-MAY-2007 15:07:49; Bright; 34.0; 110; 37Del Cas ; 2.68; 8900;occ; 68; 0;27047
6; 4003.3; 03-MAY-2007 15:09:10; Bright; 52.0; 68; 18Alp Cas ; 2.22; 4500;occ; 104; 0;27047
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15; 6067.6; 05-MAY-2007 12:59:44; Dark ; 44.0; 148; Alp Tuc ; 2.88; 4100;occ; 88; 0;27074
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6; 3060.2; 21-MAY-2007 12:06:45; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;27303
7; 3175.5; 21-MAY-2007 12:08:41; Bright; 53.0; 60; 7Bet UMi ; 2.08; 3950;occ; 106; 0;27303
8; 3446.5; 21-MAY-2007 12:13:12; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;27303
9; 3937.8; 21-MAY-2007 12:21:23; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;27303
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12; 4787.5; 21-MAY-2007 12:35:33; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;27303
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14; 5743.5; 21-MAY-2007 12:51:29; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;27303
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 6; 2236.0; 21-MAY-2007 16:54:49; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;27306
 7; 2372.8; 21-MAY-2007 16:57:06; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;27306
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 9; 3059.1; 21-MAY-2007 17:08:32; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;27306
 10; 3175.3; 21-MAY-2007 17:10:28; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;27306
 11; 3446.5; 21-MAY-2007 17:15:00; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;27306
 12; 3937.8; 21-MAY-2007 17:23:11; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;27306
 13; 4010.6; 21-MAY-2007 17:24:24; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;27306
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 22; 6831.8; 21-MAY-2007 18:11:25; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;27306
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 5; 2373.0; 21-MAY-2007 13:35:54; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;27304
 6; 2562.2; 21-MAY-2007 13:39:03; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;27304
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 9; 3446.5; 21-MAY-2007 13:53:48; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;27304
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 16; 5833.7; 21-MAY-2007 14:33:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;27304
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 19; 6415.5; 21-MAY-2007 14:43:17; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;27304
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 4; 1732.0; 21-MAY-2007 15:05:49; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;27305
 5; 2030.5; 21-MAY-2007 15:10:48; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;27305
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 7; 2372.9; 21-MAY-2007 15:16:30; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;27305
 8; 2562.1; 21-MAY-2007 15:19:39; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;27305
 9; 3059.4; 21-MAY-2007 15:27:56; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;27305
 10; 3175.4; 21-MAY-2007 15:29:52; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;27305
 11; 3446.5; 21-MAY-2007 15:34:24; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;27305
 12; 3937.9; 21-MAY-2007 15:42:35; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;27305
 13; 4010.8; 21-MAY-2007 15:43:48; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;27305
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8; 2236.0; 21-MAY-2007 18:35:25; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;27307
9; 2372.6; 21-MAY-2007 18:37:42; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;27307
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23; 6417.6; 21-MAY-2007 19:45:07; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;27307
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9;	3937.2;	23-MAY-2007	12:58:45;	Bright;	37.5;	76;	27Gam Cas	;	2.30;	30000;occ;	75;	0;	27332
10;	4009.5;	23-MAY-2007	12:59:57;	Bright;	46.5;	68;	18Alp Cas	;	2.22;	4500;occ;	93;	0;	27332
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12;	4797.6;	23-MAY-2007	13:13:05;	Dark	;	140;	88Gam Peg	;	2.83;	26000;occ;	90;	0;	27332
13;	5326.1;	23-MAY-2007	13:21:53;	Dark	;	52;	16Bet Cet	;	2.04;	4500;occ;	87;	0;	27332
14;	5848.5;	23-MAY-2007	13:30:36;	Dark	;	0;		;	0.00;	0;occ;	119;	0;	27332
15;	6011.6;	23-MAY-2007	13:33:19;	Dark	;	63;	Bet Gru	;	2.15;	2800;occ;	114;	0;	27332
16;	6111.7;	23-MAY-2007	13:34:59;	Dark	;	31;	Alp Gru	;	1.73;	15200;occ;	98;	0;	27332
17;	6435.3;	23-MAY-2007	13:40:23;	Dark	;	45;	Alp Pav	;	1.94;	26000;occ;	95;	0;	27332
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19;	7009.4;	23-MAY-2007	13:49:57;	Dark	;	40;	The Sco	;	1.86;	7100;occ;	94;	0;	27332
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2;	1630.4;	23-MAY-2007	14:00:54;	Bright;	35.5;	122;	9Alp2Lib	;	2.75;	9700;occ;	71;	0;	27333	
3;	1734.1;	23-MAY-2007	14:02:37;	Bright;	37.5;	104;	27Bet Lib	;	2.61;	13100;occ;	75;	0;	27333	
4;	2025.8;	23-MAY-2007	14:07:29;	Bright;	39.5;	102;	24Alp Ser	;	2.60;	4250;occ;	79;	0;	27333	
5;	2370.8;	23-MAY-2007	14:13:14;	Bright;	36.0;	83;		;	2.38;	11000;occ;	72;	0;	27333	
6;	2560.6;	23-MAY-2007	14:16:24;	Bright;	35.0;	180;	27Gam Boo	;	3.04;	8000;occ;	70;	0;	27333	
7;	3048.3;	23-MAY-2007	14:24:32;	Bright;	58.0;	119;	14Eta Dra	;	2.73;	4700;occ;	116;	0;	27333	
8;	3173.1;	23-MAY-2007	14:26:36;	Bright;	38.5;	60;	7Bet UMi	;	2.08;	3950;occ;	77;	0;	27333	
9;	3446.7;	23-MAY-2007	14:31:10;	Bright;	32.0;	49;	1Alp UMi	;	1.99;	6300;occ;	64;	0;	27333	
10;	3937.4;	23-MAY-2007	14:39:21;	Bright;	41.0;	76;	27Gam Cas	;	2.30;	30000;occ;	82;	0;	27333	
11;	4009.6;	23-MAY-2007	14:40:33;	Bright;	37.0;	68;	18Alp Cas	;	2.22;	4500;occ;	74;	0;	27333	
12;	4532.4;	23-MAY-2007	14:49:16;	Dark	;	58;	21Alp And	;	2.07;	11000;occ;	90;	0;	27333	
13;	4798.2;	23-MAY-2007	14:53:41;	Dark	;	140;	88Gam Peg	;	2.83;	26000;occ;	91;	0;	27333	
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19;	6844.0;	23-MAY-2007	15:27:47;	Dark	;	141;	Bet Ara	;	2.84;	4600;occ;	85;	0;	27333	
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21;	7122.7;	23-MAY-2007	15:32:26;	Dark	;	115;	34Ups Sco	;	2.70;	26000;occ;	52;	0;	27333	
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5;	2025.7;	23-MAY-2007	15:48:05;	Bright;	39.5;	102;	24Alp Ser	;	2.60;	4250;occ;	79;	0;	27334	
6;	2370.7;	23-MAY-2007	15:53:50;	Bright;	36.0;	83;		;	2.38;	11000;occ;	72;	0;	27334	
7;	2560.7;	23-MAY-2007	15:57:00;	Bright;	35.0;	180;	27Gam Boo	;	3.04;	8000;occ;	70;	0;	27334	
8;	3047.9;	23-MAY-2007	16:05:07;	Bright;	40.0;	119;	14Eta Dra	;	2.73;	4700;occ;	80;	0;	27334	
9;	3173.0;	23-MAY-2007	16:07:12;	Bright;	37.5;	60;	7Bet UMi	;	2.08;	3950;occ;	75;	0;	27334	
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14;	4798.6;	23-MAY-2007	16:34:18;	Dark	;	140;	88Gam Peg	;	2.83;	26000;occ;	91;	0;	27334	
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17;	6013.2;	23-MAY-2007	16:54:32;	Dark	;	63;	Bet Gru	;	2.15;	2800;occ;	99;	0;	27334	
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19;	6436.8;	23-MAY-2007	17:01:36;	Dark	;	45;	Alp Pav	;	1.94;	26000;occ;	84;	0;	27334	
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16; 4799.0; 23-MAY-2007 18:14:54; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;27335
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22; 6845.0; 23-MAY-2007 18:49:00; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;27335
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 3; 2369.2; 26-MAY-2007 09:17:10; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;27373
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 4; 2020.4; 26-MAY-2007 14:13:09; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;27376
 5; 2369.3; 26-MAY-2007 14:18:58; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;27376
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 8; 3170.0; 26-MAY-2007 14:32:18; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;27376

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6; 434.5; 27-MAY-2007 01:30:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;27383
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13; 1738.6; 27-MAY-2007 01:52:39; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;27383
14; 1837.0; 27-MAY-2007 01:54:17; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;27383
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18; 3029.7; 27-MAY-2007 02:14:10; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;27383
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16; 1837.1; 27-MAY-2007 03:34:53; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;27384
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16; 1836.9; 27-MAY-2007 05:15:29; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;27385
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16; 1836.9; 27-MAY-2007 06:56:05; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;27386
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3; 1229.5; 27-MAY-2007 20:10:45; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;27394
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5; 1533.8; 27-MAY-2007 20:15:49; Bright; 38.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 77; 0;27394
6; 1739.9; 27-MAY-2007 20:19:15; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;27394
7; 1836.3; 27-MAY-2007 20:20:52; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;27394
8; 2018.7; 27-MAY-2007 20:23:54; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;27394
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6; 443.0; 27-MAY-2007 21:38:14; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;27395
7; 834.3; 27-MAY-2007 21:44:46; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;27395
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6; 443.7; 27-MAY-2007 23:18:51; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;27396
7; 834.7; 27-MAY-2007 23:25:22; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;27396
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7; 3446.8; 31-MAY-2007 08:37:39; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;27444
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12; 5385.1; 31-MAY-2007 15:52:21; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;27448
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16; 6215.1; 31-MAY-2007 16:06:11; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;27448
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10;	3007.9;	31-MAY-2007	18:33:56;	Bright;	40.0;	119;	14Eta Dra	;	2.73;	4700;occ;	80;	0;27450	
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22;	6967.1;	31-MAY-2007	19:39:55;	Dark	;	38.5;	147;	Alp Ara	;	2.88;	26000;occ;	77;	0;27450