

GOMOS Daily Report 24-JUN-2010

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	30JUN2010 04:55:41
Data source version	GOMOS/5.01
Start time of products	24JUN2010 00:02:07
Stop time of products	24JUN2010 23:58:56
Store outputs in DB	Yes
Nb of level 1b prods	134
Nb of prods with errors	0

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

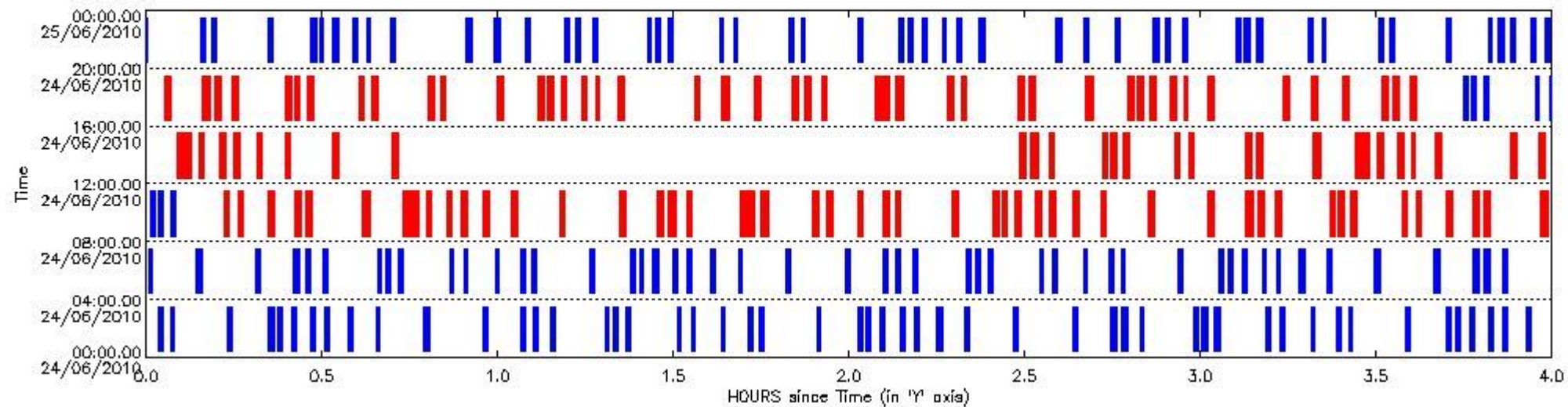
2.1 Level 0 products arrived in PCF (see template [here](#))

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
24-JUN-2010 08:13:12	60BetOph	126	43476
24-JUN-2010 08:15:36	55AlpOph	59	43476
24-JUN-2010 08:20:51	40ZetHer	133	43476
24-JUN-2010 08:25:12	3AlpLyr	5	43476
24-JUN-2010 08:27:14	23BetDra	130	43476
24-JUN-2010 08:36:56	5AlpCep	89	43476
24-JUN-2010 08:43:56	11BetCas	74	43476
24-JUN-2010 08:45:30	18AlpCas	68	43476
24-JUN-2010 08:47:49	23GamPer	160	43476
24-JUN-2010 08:51:15	57Gam1And	73	43476
24-JUN-2010 08:53:41	4BetTri	173	43476
24-JUN-2010 08:57:34	13AlpAri	50	43476
24-JUN-2010 09:02:25	92AlpCet	94	43476
24-JUN-2010 09:10:30	DSA1066	0	43476
24-JUN-2010 09:20:42	AlpPhe	84	43477

24-JUN-2010 09:27:11	BetGru	63	43477
24-JUN-2010 09:29:12	AlpGru	31	43477
24-JUN-2010 09:32:15	AlpPav	45	43477
24-JUN-2010 09:41:26	20EpsSgr	38	43477
24-JUN-2010 09:42:51	19DelSgr	116	43477
24-JUN-2010 09:45:01	41PiSgr	155	43477
24-JUN-2010 09:53:48	60BetOph	126	43477
24-JUN-2010 09:56:11	55AlpOph	59	43477
24-JUN-2010 10:01:26	40ZetHer	133	43477
24-JUN-2010 10:05:48	3AlpLyr	5	43477
24-JUN-2010 10:07:49	23BetDra	130	43477
24-JUN-2010 10:17:31	5AlpCep	89	43477
24-JUN-2010 10:24:32	11BetCas	74	43477
24-JUN-2010 10:26:05	18AlpCas	68	43477
24-JUN-2010 10:28:25	23GamPer	160	43477
24-JUN-2010 10:31:51	57Gam1And	73	43477
24-JUN-2010 10:34:17	4BetTri	173	43477
24-JUN-2010 10:38:10	13AlpAri	50	43477
24-JUN-2010 10:43:01	92AlpCet	94	43477
24-JUN-2010 10:51:06	DSA1066	0	43477
24-JUN-2010 11:01:19	AlpPhe	84	43478
24-JUN-2010 11:07:47	BetGru	63	43478
24-JUN-2010 11:09:49	AlpGru	31	43478
24-JUN-2010 11:12:51	AlpPav	45	43478
24-JUN-2010 11:22:03	20EpsSgr	38	43478
24-JUN-2010 11:23:27	19DelSgr	116	43478
24-JUN-2010 11:25:37	41PiSgr	155	43478
24-JUN-2010 11:34:24	60BetOph	126	43478
24-JUN-2010 11:36:47	55AlpOph	59	43478
24-JUN-2010 11:42:02	40ZetHer	133	43478
24-JUN-2010 11:46:23	3AlpLyr	5	43478
24-JUN-2010 11:48:25	23BetDra	130	43478
24-JUN-2010 11:58:06	5AlpCep	89	43478
24-JUN-2010 12:05:07	11BetCas	74	43478
24-JUN-2010 12:06:41	18AlpCas	68	43478
24-JUN-2010 12:09:01	23GamPer	160	43478
24-JUN-2010 12:12:27	57Gam1And	73	43478
24-JUN-2010 12:14:53	4BetTri	173	43478
24-JUN-2010 12:18:47	13AlpAri	50	43478
24-JUN-2010 12:23:37	92AlpCet	94	43478
24-JUN-2010 12:31:43	DSA1066	0	43478
24-JUN-2010 12:41:56	AlpPhe	84	43479
24-JUN-2010 14:29:01	BetGru	63	43480
24-JUN-2010 14:31:03	AlpGru	31	43480
24-JUN-2010 14:34:04	AlpPav	45	43480
24-JUN-2010 14:43:15	20EpsSgr	38	43480
24-JUN-2010 14:44:40	19DelSgr	116	43480
24-JUN-2010 14:46:49	41PiSgr	155	43480
24-JUN-2010 14:55:35	60BetOph	126	43480
24-JUN-2010 14:57:59	55AlpOph	59	43480
24-JUN-2010 15:07:34	3AlpLyr	5	43480
24-JUN-2010 15:09:36	23BetDra	130	43480
24-JUN-2010 15:19:16	5AlpCep	89	43480
24-JUN-2010 15:26:18	11BetCas	74	43480
24-JUN-2010 15:27:52	18AlpCas	68	43480
24-JUN-2010 15:30:13	23GamPer	160	43480
24-JUN-2010 15:33:38	57Gam1And	73	43480
24-JUN-2010 15:36:05	43BetAnd	53	43480
24-JUN-2010 15:39:59	13AlpAri	50	43480

24-JUN-2010 15:52:56	DSA1066	0	43480
24-JUN-2010 15:57:41	16BetCet	52	43480
24-JUN-2010 16:03:10	AlpPhe	84	43481
24-JUN-2010 16:09:38	BetGru	63	43481
24-JUN-2010 16:11:40	AlpGru	31	43481
24-JUN-2010 16:14:41	AlpPav	45	43481
24-JUN-2010 16:23:51	20EpsSgr	38	43481
24-JUN-2010 16:25:16	19DelSgr	116	43481
24-JUN-2010 16:27:26	41PiSgr	155	43481
24-JUN-2010 16:36:11	60BetOph	126	43481
24-JUN-2010 16:38:35	55AlpOph	59	43481
24-JUN-2010 16:48:09	3AlpLyr	5	43481
24-JUN-2010 16:50:12	23BetDra	130	43481
24-JUN-2010 16:59:52	5AlpCep	89	43481
24-JUN-2010 17:06:54	11BetCas	74	43481
24-JUN-2010 17:08:28	18AlpCas	68	43481
24-JUN-2010 17:10:49	23GamPer	160	43481
24-JUN-2010 17:14:14	57Gam1And	73	43481
24-JUN-2010 17:16:41	43BetAnd	53	43481
24-JUN-2010 17:20:35	13AlpAri	50	43481
24-JUN-2010 17:33:33	DSA1066	0	43481
24-JUN-2010 17:38:18	16BetCet	52	43481
24-JUN-2010 17:43:46	AlpPhe	84	43482
24-JUN-2010 17:50:15	BetGru	63	43482
24-JUN-2010 17:52:17	AlpGru	31	43482
24-JUN-2010 17:55:17	AlpPav	45	43482
24-JUN-2010 18:04:27	20EpsSgr	38	43482
24-JUN-2010 18:05:52	19DelSgr	116	43482
24-JUN-2010 18:08:02	41PiSgr	155	43482
24-JUN-2010 18:16:47	60BetOph	126	43482
24-JUN-2010 18:19:10	55AlpOph	59	43482
24-JUN-2010 18:28:44	3AlpLyr	5	43482
24-JUN-2010 18:30:48	23BetDra	130	43482
24-JUN-2010 18:40:27	5AlpCep	89	43482
24-JUN-2010 18:47:29	11BetCas	74	43482
24-JUN-2010 18:49:03	18AlpCas	68	43482
24-JUN-2010 18:51:25	23GamPer	160	43482
24-JUN-2010 18:54:50	57Gam1And	73	43482
24-JUN-2010 18:57:17	43BetAnd	53	43482
24-JUN-2010 19:01:11	13AlpAri	50	43482
24-JUN-2010 19:14:10	DSA1066	0	43482
24-JUN-2010 19:18:55	16BetCet	52	43482
24-JUN-2010 19:24:23	AlpPhe	84	43483
24-JUN-2010 19:30:52	BetGru	63	43483
24-JUN-2010 19:32:54	AlpGru	31	43483
24-JUN-2010 19:35:54	AlpPav	45	43483

2.4 Summary of processed GOM_TRA_1P products

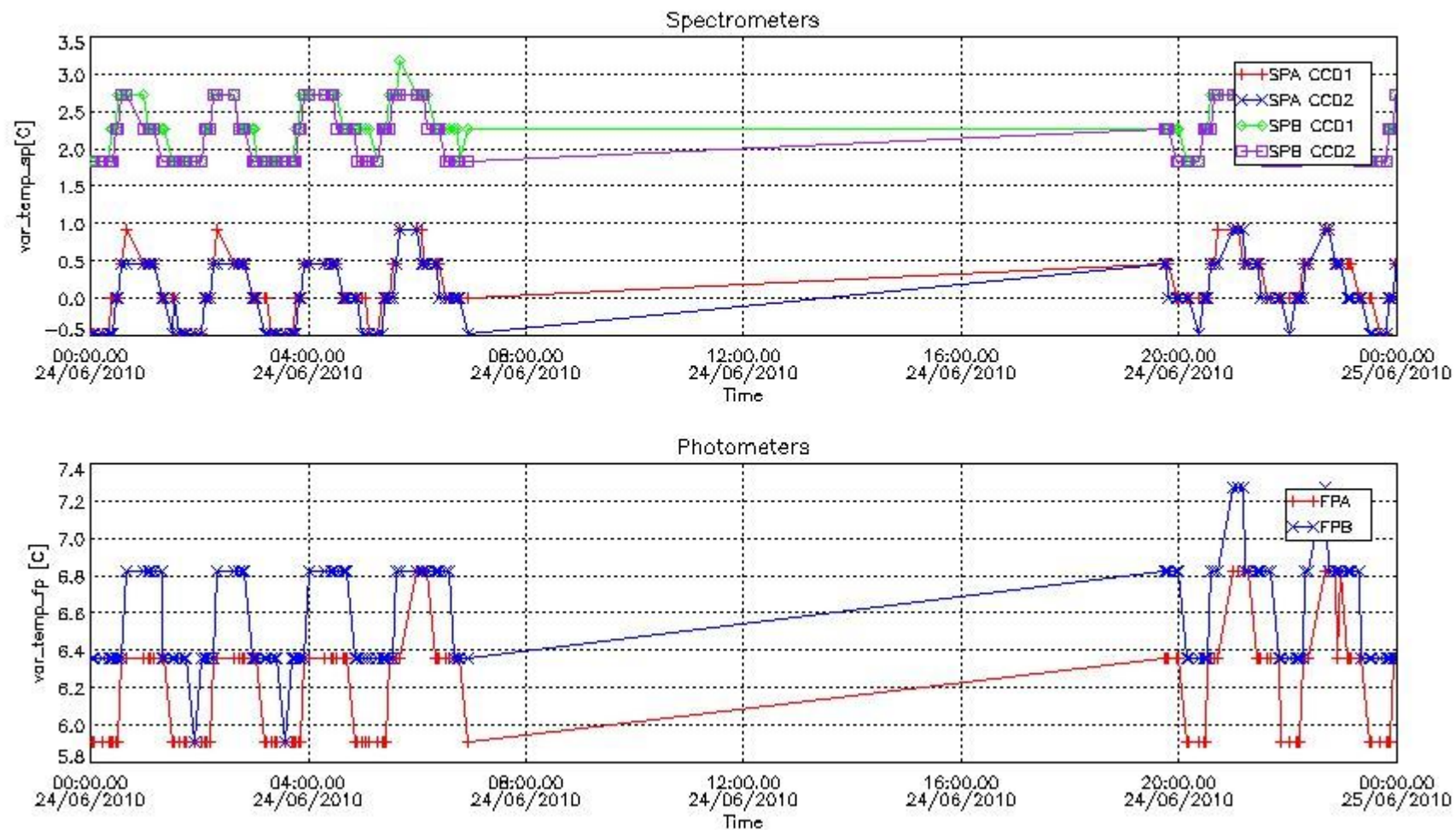
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100624_000207_000000492090_00331_43471_1570.N1	24-JUN-2010 00:02:07	Bright	48.500	5	3Alp Lyr	0.033000	11000.	97	43471	No
2	GOM_TRA_1PNPDE20100624_000406_000000372090_00331_43471_1571.N1	24-JUN-2010 00:04:06	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43471	No
3	GOM_TRA_1PNPDE20100624_001350_000000482090_00331_43471_1572.N1	24-JUN-2010 00:13:50	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43471	No
4	GOM_TRA_1PNPDE20100624_002050_000000672090_00331_43471_1573.N1	24-JUN-2010 00:20:50	Bright	67.000	74	11Bet Cas	2.2680	6600.0	134	43471	No
5	GOM_TRA_1PNPDE20100624_002223_000000482090_00331_43471_1574.N1	24-JUN-2010 00:22:23	Bright	47.500	68	18Alp Cas	2.2250	4500.0	95	43471	No
6	GOM_TRA_1PNPDE20100624_002440_000000542090_00331_43471_1575.N1	24-JUN-2010 00:24:40	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43471	No
7	GOM_TRA_1PNPDE20100624_002806_000000462090_00331_43471_1576.N1	24-JUN-2010 00:28:06	Bright	45.500	73	57Gam1And	2.2600	13100.	91	43471	No
8	GOM_TRA_1PNPDE20100624_003032_000000462090_00331_43471_1577.N1	24-JUN-2010 00:30:32	Twilight	46.000	173	4Bet Tri	3.0040	8900.0	92	43471	No

9	GOM_TRA_1PNPDE20100624_003424_000000512090_00331_43471_1578.N1	24-JUN-2010 00:34:24	Dark	50.500	50	13Alp Ari	2.0070	4250.0	101	43471	No
10	GOM_TRA_1PNPDE20100624_003914_000000382090_00331_43471_1579.N1	24-JUN-2010 00:39:14	Dark	37.500	94	92Alp Cet	2.5260	3100.0	75	43471	No
11	GOM_TRA_1PNPDE20100624_005728_000000452090_00331_43471_1581.N1	24-JUN-2010 00:57:28	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43471	No
12	GOM_TRA_1PNPDE20100624_010357_000000532090_00332_43472_1582.N1	24-JUN-2010 01:03:57	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43472	No
13	GOM_TRA_1PNPDE20100624_010559_000000502090_00332_43472_1583.N1	24-JUN-2010 01:05:59	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43472	No
14	GOM_TRA_1PNPDE20100624_010903_000000422090_00332_43472_1584.N1	24-JUN-2010 01:09:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43472	No
15	GOM_TRA_1PNPDE20100624_011816_000000462090_00332_43472_1585.N1	24-JUN-2010 01:18:16	Tw_i_and_stray	45.500	38	20Eps Sgr	1.8360	11000.	91	43472	No
16	GOM_TRA_1PNPDE20100624_011941_000000542090_00332_43472_1586.N1	24-JUN-2010 01:19:41	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	43472	No
17	GOM_TRA_1PNPDE20100624_012151_000000512090_00332_43472_1587.N1	24-JUN-2010 01:21:51	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43472	No
18	GOM_TRA_1PNPDE20100624_013040_000000402090_00332_43472_1588.N1	24-JUN-2010 01:30:40	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	43472	No
19	GOM_TRA_1PNPDE20100624_013303_000000392090_00332_43472_1589.N1	24-JUN-2010 01:33:03	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43472	No
20	GOM_TRA_1PNPDE20100624_013818_000000352090_00332_43472_1590.N1	24-JUN-2010 01:38:18	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	43472	No
21	GOM_TRA_1PNPDE20100624_014242_000000522090_00332_43472_1591.N1	24-JUN-2010 01:42:42	Bright	51.500	5	3Alp Lyr	0.033000	11000.	103	43472	No
22	GOM_TRA_1PNPDE20100624_014442_000000402090_00332_43472_1592.N1	24-JUN-2010 01:44:42	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43472	No
23	GOM_TRA_1PNPDE20100624_015425_000000462090_00332_43472_1593.N1	24-JUN-2010 01:54:25	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	43472	No
24	GOM_TRA_1PNPDE20100624_020125_000000602090_00332_43472_1594.N1	24-JUN-2010 02:01:25	Bright	59.500	74	11Bet Cas	2.2680	6600.0	119	43472	No
25	GOM_TRA_1PNPDE20100624_020258_000000472090_00332_43472_1595.N1	24-JUN-2010 02:02:58	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	43472	No
26	GOM_TRA_1PNPDE20100624_020516_000000542090_00332_43472_1596.N1	24-JUN-2010 02:05:16	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43472	No
27	GOM_TRA_1PNPDE20100624_020842_000000462090_00332_43472_1597.N1	24-JUN-2010 02:08:42	Bright	46.000	73	57Gam1And	2.2600	13100.	92	43472	No
28	GOM_TRA_1PNPDE20100624_021108_000000472090_00332_43472_1598.N1	24-JUN-2010 02:11:08	Tw_i_and_stray	46.500	173	4Bet Tri	3.0040	8900.0	93	43472	No
29	GOM_TRA_1PNPDE20100624_021500_000000552090_00332_43472_1599.N1	24-JUN-2010 02:15:00	Dark	55.000	50	13Alp Ari	2.0070	4250.0	110	43472	No
30	GOM_TRA_1PNPDE20100624_021950_000000372090_00332_43472_1600.N1	24-JUN-2010 02:19:50	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	43472	No
31	GOM_TRA_1PNPDE20100624_023806_000000482090_00332_43472_1606.N1	24-JUN-2010 02:38:06	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43472	No
32	GOM_TRA_1PNPDE20100624_024434_000000652090_00333_43473_1607.N1	24-JUN-2010 02:44:34	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43473	No
33	GOM_TRA_1PNPDE20100624_024635_000000542090_00333_43473_1608.N1	24-JUN-2010 02:46:35	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43473	No
34	GOM_TRA_1PNPDE20100624_024939_000000432090_00333_43473_1609.N1	24-JUN-2010 02:49:39	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43473	No
35	GOM_TRA_1PNPDE20100624_025852_000000462090_00333_43473_1610.N1	24-JUN-2010 02:58:52	Tw_i_and_stray	45.500	38	20Eps Sgr	1.8360	11000.	91	43473	No
36	GOM_TRA_1PNPDE20100624_030017_000000562090_00333_43473_1611.N1	24-JUN-2010 03:00:17	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	43473	No
37	GOM_TRA_1PNPDE20100624_030227_000000512090_00333_43473_1612.N1	24-JUN-2010 03:02:27	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43473	No
38	GOM_TRA_1PNPDE20100624_031115_000000402090_00333_43473_1613.N1	24-JUN-2010 03:11:15	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	43473	No
39	GOM_TRA_1PNPDE20100624_031339_000000392090_00333_43473_1614.N1	24-JUN-2010 03:13:39	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43473	No
40	GOM_TRA_1PNPDE20100624_031854_000000362090_00333_43473_1615.N1	24-JUN-2010 03:18:54	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	43473	No
41	GOM_TRA_1PNPDE20100624_032317_000000502090_00333_43473_1616.N1	24-JUN-2010 03:23:17	Bright	49.500	5	3Alp Lyr	0.033000	11000.	99	43473	No
42	GOM_TRA_1PNPDE20100624_032517_000000382090_00333_43473_1617.N1	24-JUN-2010 03:25:17	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	43473	No
43	GOM_TRA_1PNPDE20100624_033500_000000472090_00333_43473_1618.N1	24-JUN-2010 03:35:00	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43473	No
44	GOM_TRA_1PNPDE20100624_034201_000000472090_00333_43473_1624.N1	24-JUN-2010 03:42:01	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	43473	No
45	GOM_TRA_1PNPDE20100624_034334_000000492090_00333_43473_1625.N1	24-JUN-2010 03:43:34	Bright	49.000	68	18Alp Cas	2.2250	4500.0	98	43473	No
46	GOM_TRA_1PNPDE20100624_034552_000000542090_00333_43473_1626.N1	24-JUN-2010 03:45:52	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43473	No
47	GOM_TRA_1PNPDE20100624_034917_000000462090_00333_43473_1627.N1	24-JUN-2010 03:49:17	Bright	45.500	73	57Gam1And	2.2600	13100.	91	43473	No
48	GOM_TRA_1PNPDE20100624_035144_000000462090_00333_43473_1628.N1	24-JUN-2010 03:51:44	Tw_i_and_stray	46.000	173	4Bet Tri	3.0040	8900.0	92	43473	No
49	GOM_TRA_1PNPDE20100624_035536_000000552090_00333_43473_1629.N1	24-JUN-2010 03:55:36	Dark	55.000	50	13Alp Ari	2.0070	4250.0	110	43473	No
50	GOM_TRA_1PNPDE20100624_040027_000000382090_00333_43473_1630.N1	24-JUN-2010 04:00:27	Dark	37.500	94	92Alp Cet	2.5260	3100.0	75	43473	No
51	GOM_TRA_1PNPDE20100624_041842_000000482090_00333_43473_1631.N1	24-JUN-2010 04:18:42	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43473	No
52	GOM_TRA_1PNPDE20100624_042511_000000532090_00334_43474_1632.N1	24-JUN-2010 04:25:11	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43474	No
53	GOM_TRA_1PNPDE20100624_042712_000000492090_00334_43474_1633.N1	24-JUN-2010 04:27:12	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43474	No
54	GOM_TRA_1PNPDE20100624_043016_000000412090_00334_43474_1634.N1	24-JUN-2010 04:30:16	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43474	No
55	GOM_TRA_1PNPDE20100624_043928_000000442090_00334_43474_1635.N1	24-JUN-2010 04:39:28	Tw_i_and_stray	44.000	38	20Eps Sgr	1.8360	11000.	88	43474	No
56	GOM_TRA_1PNPDE20100624_044053_000000512090_00334_43474_1636.N1	24-JUN-2010 04:40:53	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	43474	No
57	GOM_TRA_1PNPDE20100624_044303_000000512090_00334_43474_1637.N1	24-JUN-2010 04:43:03	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43474	No
58	GOM_TRA_1PNPDE20100624_045151_000000392090_00334_43474_1638.N1	24-JUN-2010 04:51:51	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43474	No
59	GOM_TRA_1PNPDE20100624_045415_000000392090_00334_43474_1639.N1	24-JUN-2010 04:54:15	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43474	No
60	GOM_TRA_1PNPDE20100624_045930_000000372090_00334_43474_1640.N1	24-JUN-2010 04:59:30	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	43474	No
61	GOM_TRA_1PNPDE20100624_050353_000000492090_00334_43474_1641.N1	24-JUN-2010 05:03:53	Bright	49.000	5	3Alp Lyr	0.033000	11000.	98	43474	No
62	GOM_TRA_1PNPDE20100624_050553_000000402090_00334_43474_1642.N1	24-JUN-2010 05:05:53	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43474	No
63	GOM_TRA_1PNPDE20100624_051536_000000472090_00334_43474_1643.N1	24-JUN-2010 05:15:36	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43474	No
64	GOM_TRA_1PNPDE20100624_052236_000000472090_00334_43474_1669.N1	24-JUN-2010 05:22:36	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	43474	No
65	GOM_TRA_1PNPDE20100624_052409_000000462090_00334_43474_1670.N1	24-JUN-2010 05:24:09	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	43474	No
66	GOM_TRA_1PNPDE20100624_052628_000000542090_00334_43474_1671.N1	24-JUN-2010 05:26:28	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43474	No
67	GOM_TRA_1PNPDE20100624_052953_000000452090_00334_43474_1672.N1	24-JUN-2010 05:29:53	Bright	45.000	73	57Gam1And	2.2600	13100.	90	43474	No

68	GOM_TRA_1PNPDE20100624_053220_000000462090_00334_43474_1673.N1	24-JUN-2010 05:32:20	Twilight	46.000	173	4Bet Tri	3.0040	8900.0	92	43474	No
69	GOM_TRA_1PNPDE20100624_053612_000000532090_00334_43474_1674.N1	24-JUN-2010 05:36:12	Dark	52.500	50	13Alp Ari	2.0070	4250.0	105	43474	No
70	GOM_TRA_1PNPDE20100624_054103_000000382090_00334_43474_1675.N1	24-JUN-2010 05:41:03	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	43474	No
71	GOM_TRA_1PNPDE20100624_055919_000000562090_00334_43474_1676.N1	24-JUN-2010 05:59:19	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43474	No
72	GOM_TRA_1PNPDE20100624_060547_000000532090_00335_43475_1677.N1	24-JUN-2010 06:05:47	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43475	No
73	GOM_TRA_1PNPDE20100624_060749_000000482090_00335_43475_1678.N1	24-JUN-2010 06:07:49	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43475	No
74	GOM_TRA_1PNPDE20100624_061053_000000432090_00335_43475_1679.N1	24-JUN-2010 06:10:53	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43475	No
75	GOM_TRA_1PNPDE20100624_062005_000000472090_00335_43475_1680.N1	24-JUN-2010 06:20:05	Twilight	47.000	38	20Eps Sgr	1.8360	11000.	94	43475	No
76	GOM_TRA_1PNPDE20100624_062130_000000482090_00335_43475_1681.N1	24-JUN-2010 06:21:30	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	43475	No
77	GOM_TRA_1PNPDE20100624_062339_000000502090_00335_43475_1682.N1	24-JUN-2010 06:23:39	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43475	No
78	GOM_TRA_1PNPDE20100624_063227_000000402090_00335_43475_1683.N1	24-JUN-2010 06:32:27	Bright	40.000	126	60Bet Oph	2.7700	4250.0	80	43475	No
79	GOM_TRA_1PNPDE20100624_063451_000000402090_00335_43475_1684.N1	24-JUN-2010 06:34:51	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	43475	No
80	GOM_TRA_1PNPDE20100624_064006_000000382090_00335_43475_1685.N1	24-JUN-2010 06:40:06	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43475	No
81	GOM_TRA_1PNPDE20100624_064428_000000502090_00335_43475_1686.N1	24-JUN-2010 06:44:28	Bright	49.500	5	3Alp Lyr	0.033000	11000.	99	43475	No
82	GOM_TRA_1PNPDE20100624_064629_000000392090_00335_43475_1687.N1	24-JUN-2010 06:46:29	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43475	No
83	GOM_TRA_1PNPDE20100624_065611_000000472090_00335_43475_1688.N1	24-JUN-2010 06:56:11	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43475	No
84	GOM_TRA_1PNPDE20100624_194455_000000452090_00343_43483_1786.N1	24-JUN-2010 19:44:55	Twilight	45.000	38	20Eps Sgr	1.8360	11000.	90	43483	No
85	GOM_TRA_1PNPDE20100624_194619_000000462090_00343_43483_1787.N1	24-JUN-2010 19:46:19	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	43483	No
86	GOM_TRA_1PNPDE20100624_194828_000000522090_00343_43483_1788.N1	24-JUN-2010 19:48:28	Bright	51.500	155	41Pi Sgr	2.9000	6600.0	103	43483	No
87	GOM_TRA_1PNPDE20100624_195713_000000392090_00343_43483_1789.N1	24-JUN-2010 19:57:13	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43483	No
88	GOM_TRA_1PNPDE20100624_195937_000000412090_00343_43483_1790.N1	24-JUN-2010 19:59:37	Bright	40.500	59	55Alp Oph	2.0800	8900.0	81	43483	No
89	GOM_TRA_1PNPDE20100624_200910_000000482090_00343_43483_1791.N1	24-JUN-2010 20:09:10	Bright	48.000	5	3Alp Lyr	0.033000	11000.	96	43483	No
90	GOM_TRA_1PNPDE20100624_201114_000000402090_00343_43483_1792.N1	24-JUN-2010 20:11:14	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43483	No
91	GOM_TRA_1PNPDE20100624_202053_000000482090_00343_43483_1793.N1	24-JUN-2010 20:20:53	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43483	No
92	GOM_TRA_1PNPDE20100624_202756_000000672090_00343_43483_1794.N1	24-JUN-2010 20:27:56	Bright	67.000	74	11Bet Cas	2.2680	6600.0	134	43483	No
93	GOM_TRA_1PNPDE20100624_202929_000000482090_00343_43483_1795.N1	24-JUN-2010 20:29:29	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43483	No
94	GOM_TRA_1PNPDE20100624_203152_000000542090_00343_43483_1796.N1	24-JUN-2010 20:31:52	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43483	No
95	GOM_TRA_1PNPDE20100624_203517_000000452090_00343_43483_1797.N1	24-JUN-2010 20:35:17	Bright	45.000	73	57Gam1And	2.2600	13100.	90	43483	No
96	GOM_TRA_1PNPDE20100624_203744_000000312090_00343_43483_1798.N1	24-JUN-2010 20:37:44	Twilight	31.000	53	43Bet And	2.0480	3300.0	62	43483	No
97	GOM_TRA_1PNPDE20100624_204138_000000542090_00343_43483_1799.N1	24-JUN-2010 20:41:38	Dark	54.000	50	13Alp Ari	2.0070	4250.0	108	43483	No
98	GOM_TRA_1PNPDE20100624_205923_000000652090_00343_43483_1803.N1	24-JUN-2010 20:59:23	Dark	65.000	52	16Bet Cet	2.0370	4500.0	130	43483	No
99	GOM_TRA_1PNPDE20100624_210451_000000472090_00343_43483_1804.N1	24-JUN-2010 21:04:51	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43483	No
100	GOM_TRA_1PNPDE20100624_211120_000000522090_00344_43484_1805.N1	24-JUN-2010 21:11:20	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43484	No
101	GOM_TRA_1PNPDE20100624_211321_000000492090_00344_43484_1806.N1	24-JUN-2010 21:13:21	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43484	No
102	GOM_TRA_1PNPDE20100624_211621_000000412090_00344_43484_1807.N1	24-JUN-2010 21:16:21	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43484	No
103	GOM_TRA_1PNPDE20100624_212531_000000462090_00344_43484_1808.N1	24-JUN-2010 21:25:31	Twilight	45.500	38	20Eps Sgr	1.8360	11000.	91	43484	No
104	GOM_TRA_1PNPDE20100624_212655_000000542090_00344_43484_1809.N1	24-JUN-2010 21:26:55	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	43484	No
105	GOM_TRA_1PNPDE20100624_212905_000000502090_00344_43484_1810.N1	24-JUN-2010 21:29:05	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43484	No
106	GOM_TRA_1PNPDE20100624_213750_000000392090_00344_43484_1811.N1	24-JUN-2010 21:37:50	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43484	No
107	GOM_TRA_1PNPDE20100624_214013_000000412090_00344_43484_1812.N1	24-JUN-2010 21:40:13	Bright	41.000	59	55Alp Oph	2.0800	8900.0	82	43484	No
108	GOM_TRA_1PNPDE20100624_214945_000000502090_00344_43484_1813.N1	24-JUN-2010 21:49:45	Bright	50.000	5	3Alp Lyr	0.033000	11000.	100	43484	No
109	GOM_TRA_1PNPDE20100624_215150_000000412090_00344_43484_1814.N1	24-JUN-2010 21:51:50	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43484	No
110	GOM_TRA_1PNPDE20100624_220128_000000492090_00344_43484_1815.N1	24-JUN-2010 22:01:28	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43484	No
111	GOM_TRA_1PNPDE20100624_220831_000000482090_00344_43484_1816.N1	24-JUN-2010 22:08:31	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	43484	No
112	GOM_TRA_1PNPDE20100624_221005_000000482090_00344_43484_1817.N1	24-JUN-2010 22:10:05	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43484	No
113	GOM_TRA_1PNPDE20100624_221227_000000542090_00344_43484_1818.N1	24-JUN-2010 22:12:27	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43484	No
114	GOM_TRA_1PNPDE20100624_221553_000000442090_00344_43484_1819.N1	24-JUN-2010 22:15:53	Bright	44.000	73	57Gam1And	2.2600	13100.	88	43484	No
115	GOM_TRA_1PNPDE20100624_221819_000000492090_00344_43484_1820.N1	24-JUN-2010 22:18:19	Twilight	48.500	173	4Bet Tri	3.0040	8900.0	97	43484	No
116	GOM_TRA_1PNPDE20100624_222214_000000552090_00344_43484_1821.N1	24-JUN-2010 22:22:14	Dark	54.500	50	13Alp Ari	2.0070	4250.0	109	43484	No
117	GOM_TRA_1PNPDE20100624_224000_000000592090_00344_43484_1826.N1	24-JUN-2010 22:40:00	Dark	59.000	52	16Bet Cet	2.0370	4500.0	118	43484	No
118	GOM_TRA_1PNPDE20100624_224528_000000552090_00344_43484_1827.N1	24-JUN-2010 22:45:28	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	43484	No
119	GOM_TRA_1PNPDE20100624_225157_000000542090_00345_43485_1828.N1	24-JUN-2010 22:51:57	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	43485	No
120	GOM_TRA_1PNPDE20100624_225358_000000492090_00345_43485_1829.N1	24-JUN-2010 22:53:58	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43485	No
121	GOM_TRA_1PNPDE20100624_225657_000000422090_00345_43485_1830.N1	24-JUN-2010 22:56:57	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43485	No
122	GOM_TRA_1PNPDE20100624_230607_000000452090_00345_43485_1831.N1	24-JUN-2010 23:06:07	Twilight	44.500	38	20Eps Sgr	1.8360	11000.	89	43485	No
123	GOM_TRA_1PNPDE20100624_230731_000000562090_00345_43485_1832.N1	24-JUN-2010 23:07:31	Bright	55.500	116	19Del Sgr	2.7000	4100.0	111	43485	No
124	GOM_TRA_1PNPDE20100624_230941_000000502090_00345_43485_1833.N1	24-JUN-2010 23:09:41	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43485	No
125	GOM_TRA_1PNPDE20100624_231825_000000392090_00345_43485_1834.N1	24-JUN-2010 23:18:25	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43485	No
126	GOM_TRA_1PNPDE20100624_232049_000000392090_00345_43485_1835.N1	24-JUN-2010 23:20:49	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	43485	No

127	GOM_TRA_1PNPDE20100624_233021_000000482090_00345_43485_1836.N1	24-JUN-2010 23:30:21	Bright	47.500	5	3Alp Lyr	0.033000	11000.	95	43485	No
128	GOM_TRA_1PNPDE20100624_233225_000000372090_00345_43485_1837.N1	24-JUN-2010 23:32:25	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43485	No
129	GOM_TRA_1PNPDE20100624_234204_000000462090_00345_43485_1838.N1	24-JUN-2010 23:42:04	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	43485	No
130	GOM_TRA_1PNPDE20100624_234906_000000442090_00345_43485_1839.N1	24-JUN-2010 23:49:06	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	43485	No
131	GOM_TRA_1PNPDE20100624_235040_000000662090_00345_43485_1840.N1	24-JUN-2010 23:50:40	Bright	66.000	68	18Alp Cas	2.2250	4500.0	132	43485	No
132	GOM_TRA_1PNPDE20100624_235303_000000452090_00345_43485_1841.N1	24-JUN-2010 23:53:03	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43485	No
133	GOM_TRA_1PNPDE20100624_235628_000000472090_00345_43485_1842.N1	24-JUN-2010 23:56:28	Bright	46.500	73	57Gam1And	2.2600	13100.	93	43485	No
134	GOM_TRA_1PNPDE20100624_235856_000000462090_00345_43485_1843.N1	24-JUN-2010 23:58:56	Twilight_stray	46.000	173	4Bet Tri	3.0040	8900.0	92	43485	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).

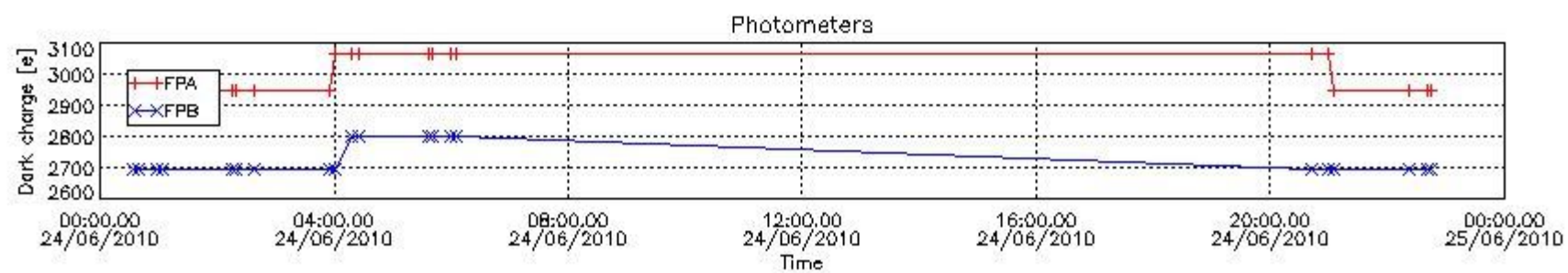
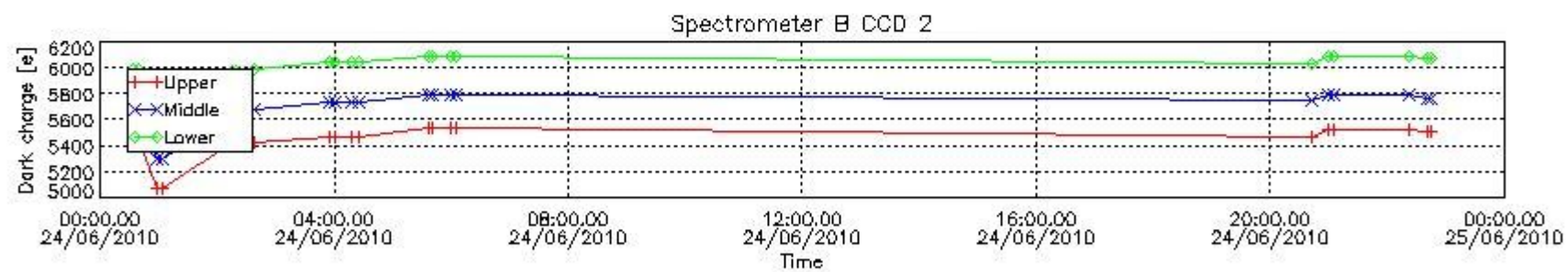
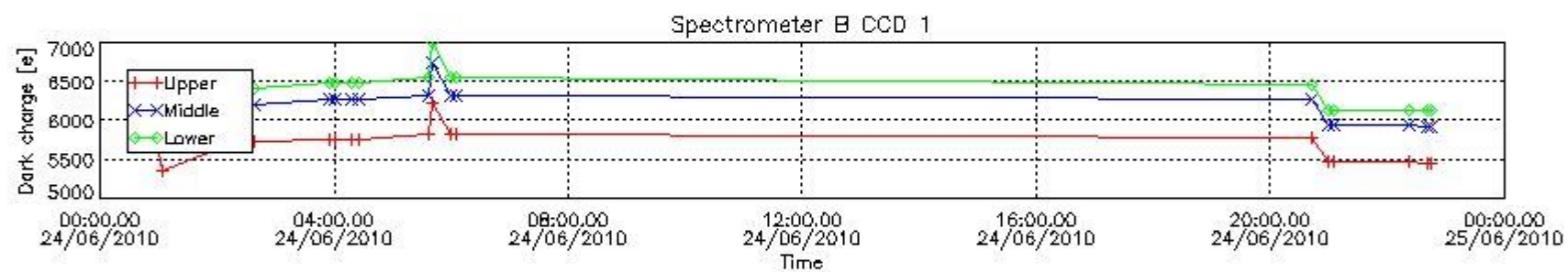
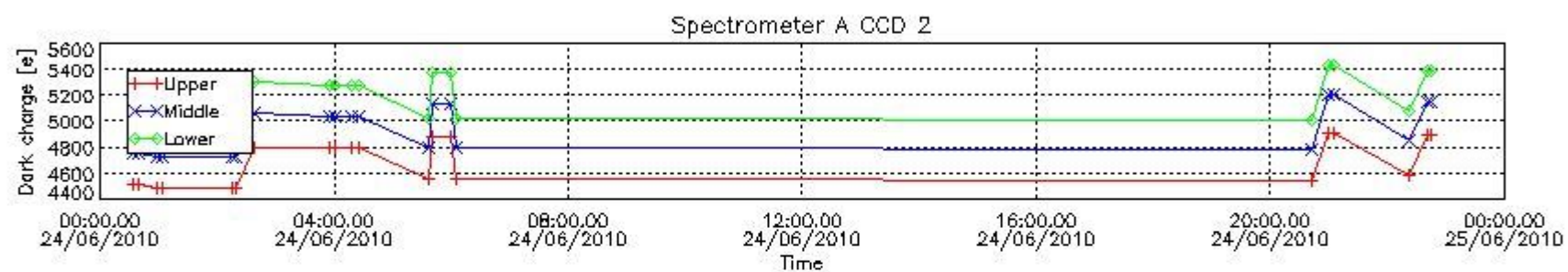
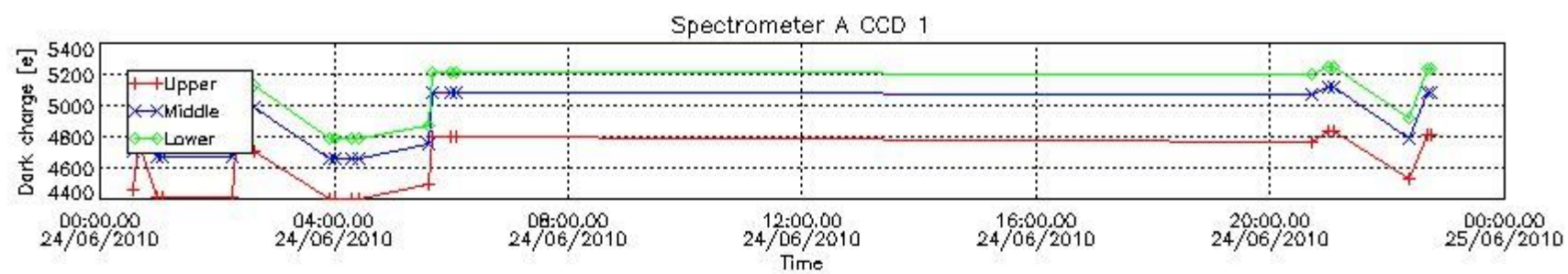
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100624_194455_000000452090_00343_43483_1786.N1	DC map used
GOM_TRA_1PNPDE20100624_194619_000000462090_00343_43483_1787.N1	DC map used

GOM_TRA_1PNPDE20100624_194828_000000522090_00343_43483_1788.N1	DC map used
GOM_TRA_1PNPDE20100624_195713_000000392090_00343_43483_1789.N1	DC map used
GOM_TRA_1PNPDE20100624_195937_000000412090_00343_43483_1790.N1	DC map used
GOM_TRA_1PNPDE20100624_200910_000000482090_00343_43483_1791.N1	DC map used
GOM_TRA_1PNPDE20100624_201114_000000402090_00343_43483_1792.N1	DC map used
GOM_TRA_1PNPDE20100624_202053_000000482090_00343_43483_1793.N1	DC map used
GOM_TRA_1PNPDE20100624_202756_000000672090_00343_43483_1794.N1	DC map used
GOM_TRA_1PNPDE20100624_202929_000000482090_00343_43483_1795.N1	DC map used
GOM_TRA_1PNPDE20100624_203152_000000542090_00343_43483_1796.N1	DC map used
GOM_TRA_1PNPDE20100624_203517_000000452090_00343_43483_1797.N1	DC map used
GOM_TRA_1PNPDE20100624_203744_000000312090_00343_43483_1798.N1	DC map used
GOM_TRA_1PNPDE20100624_204138_000000542090_00343_43483_1799.N1	DC map used

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



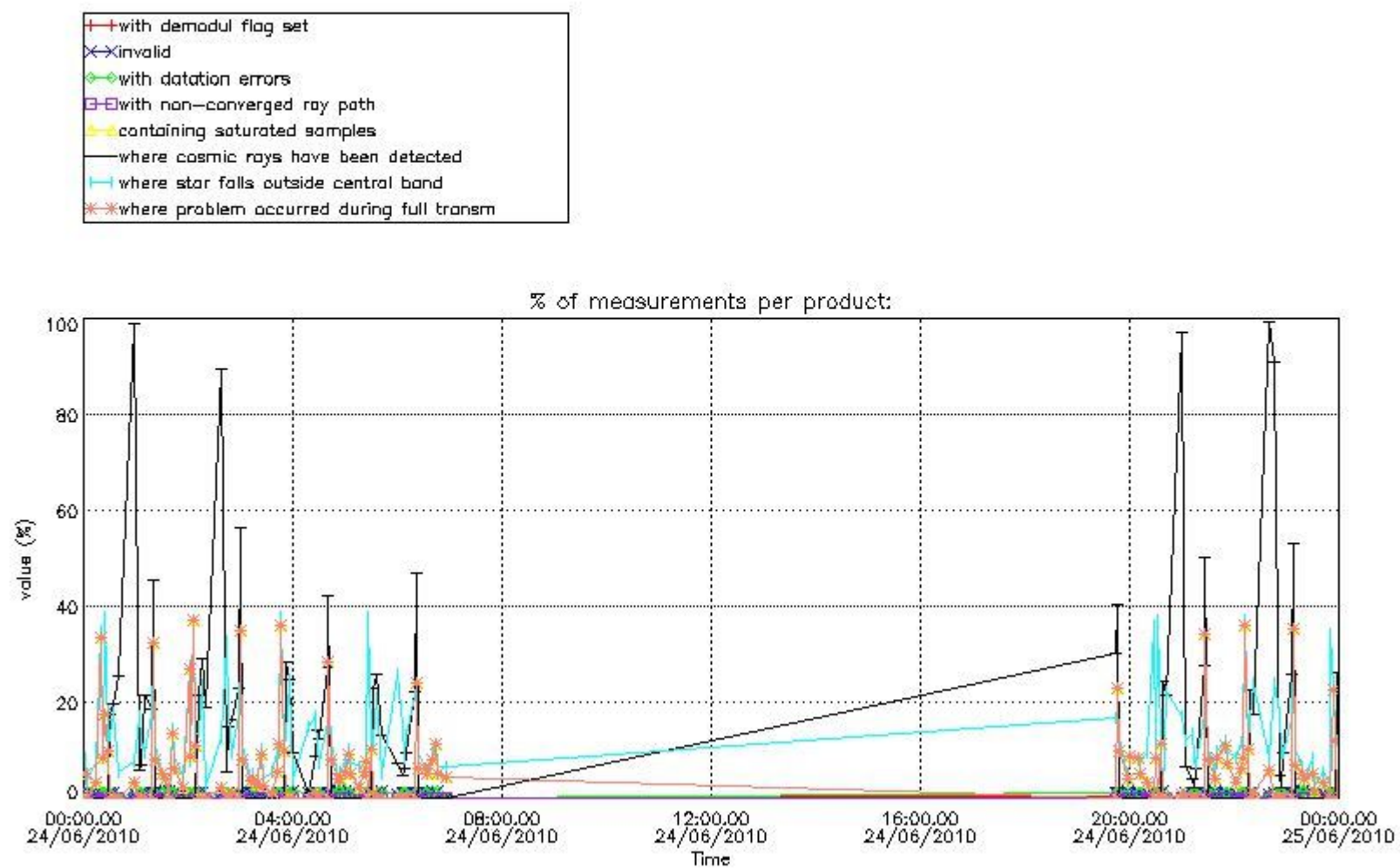
5. Demodulation flag and quality information monitoring

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.

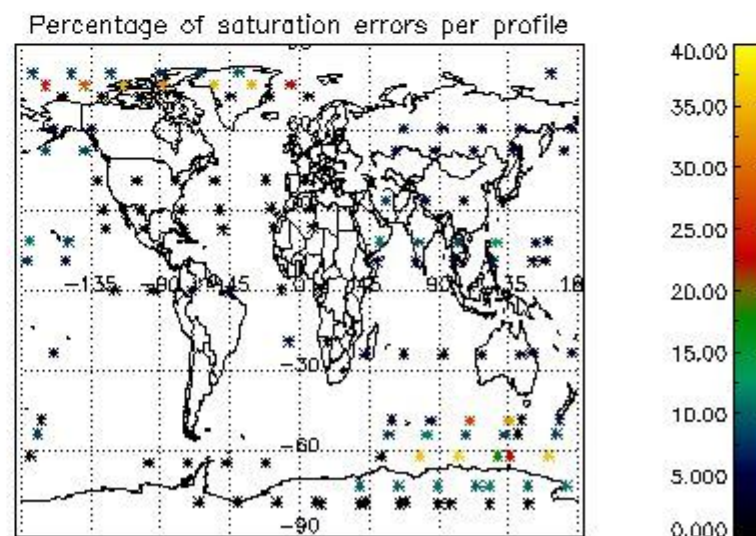
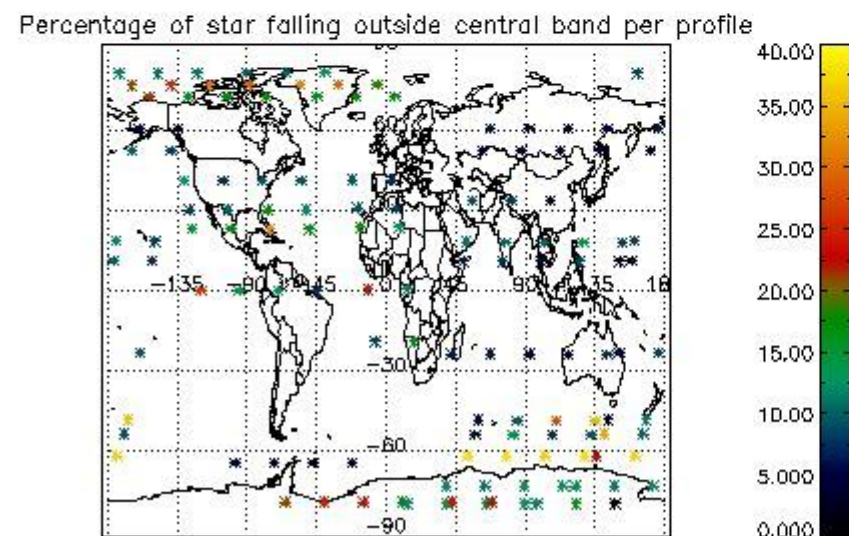
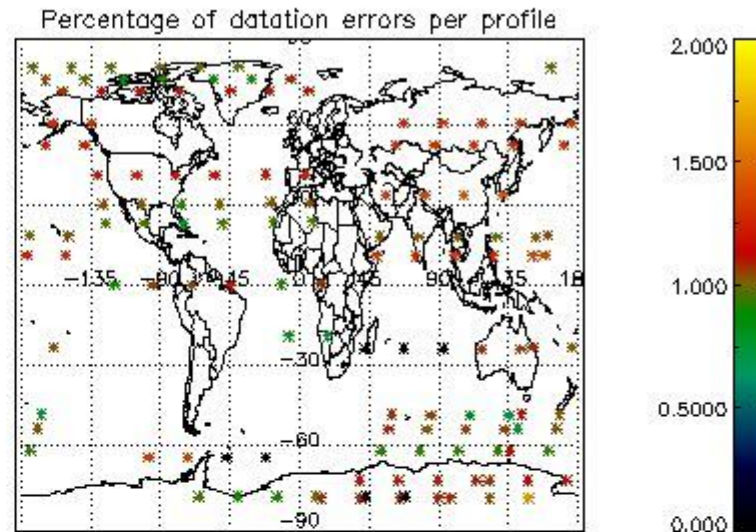
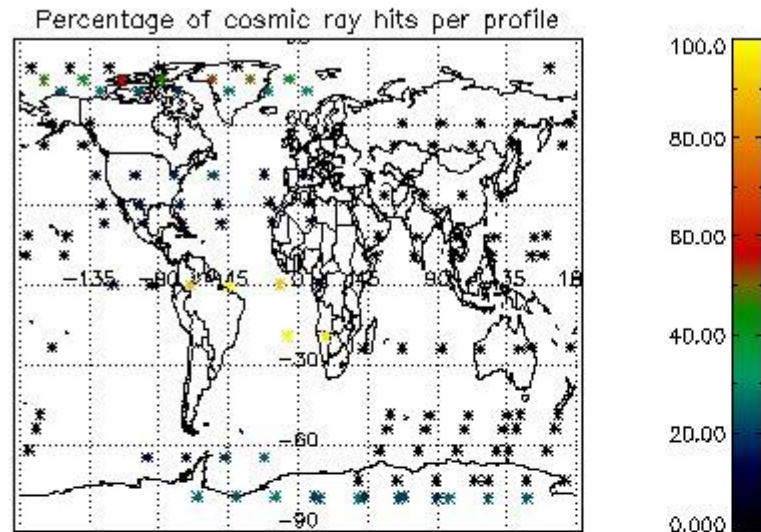
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	32.0896 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



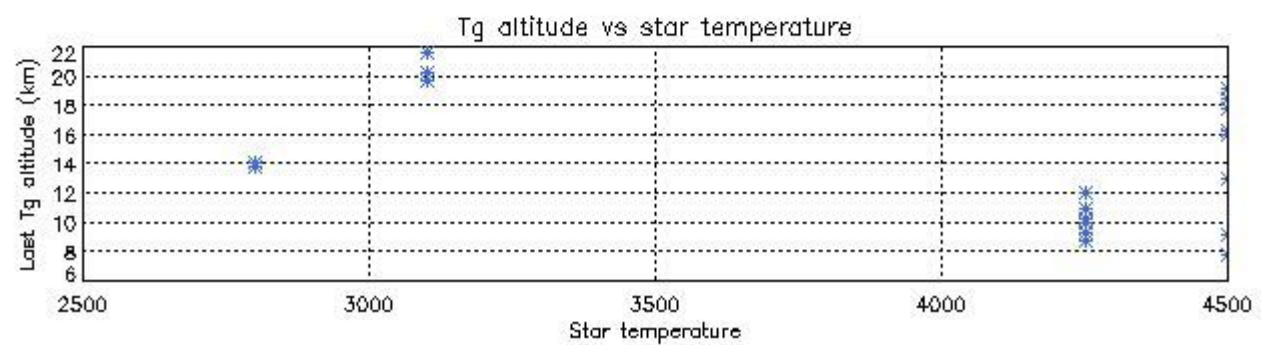
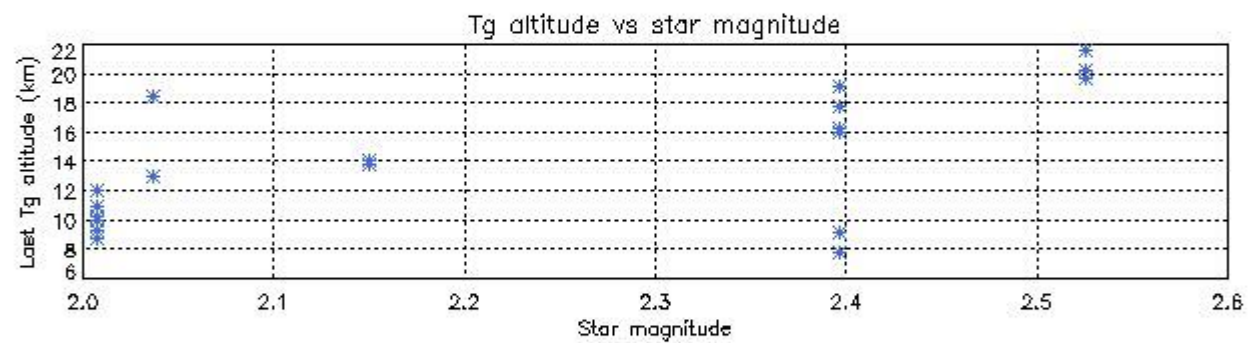
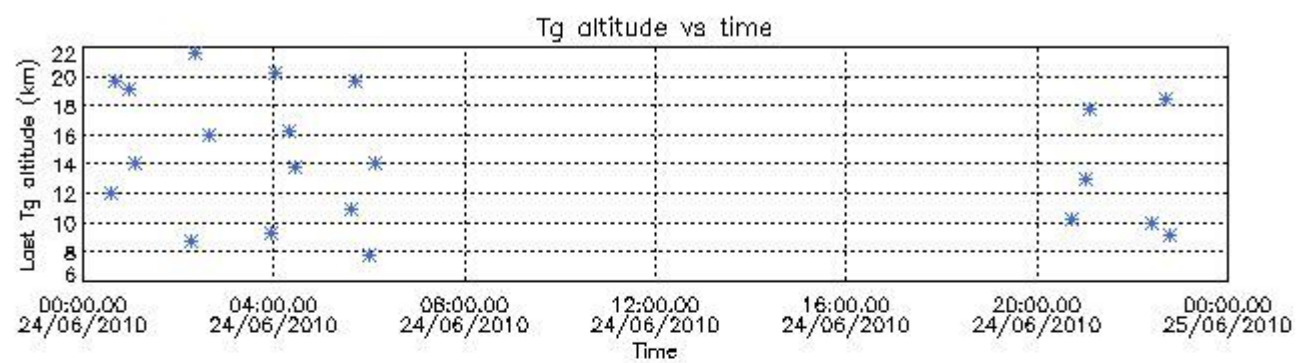
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.365	16.818	NaN
St. deviation:	4.3715	6.1077	NaN
Maximum:	21.540	25.392	NaN
Minimum:	7.7883	3.8340	NaN
Number of data:	21.000	84.000	NaN

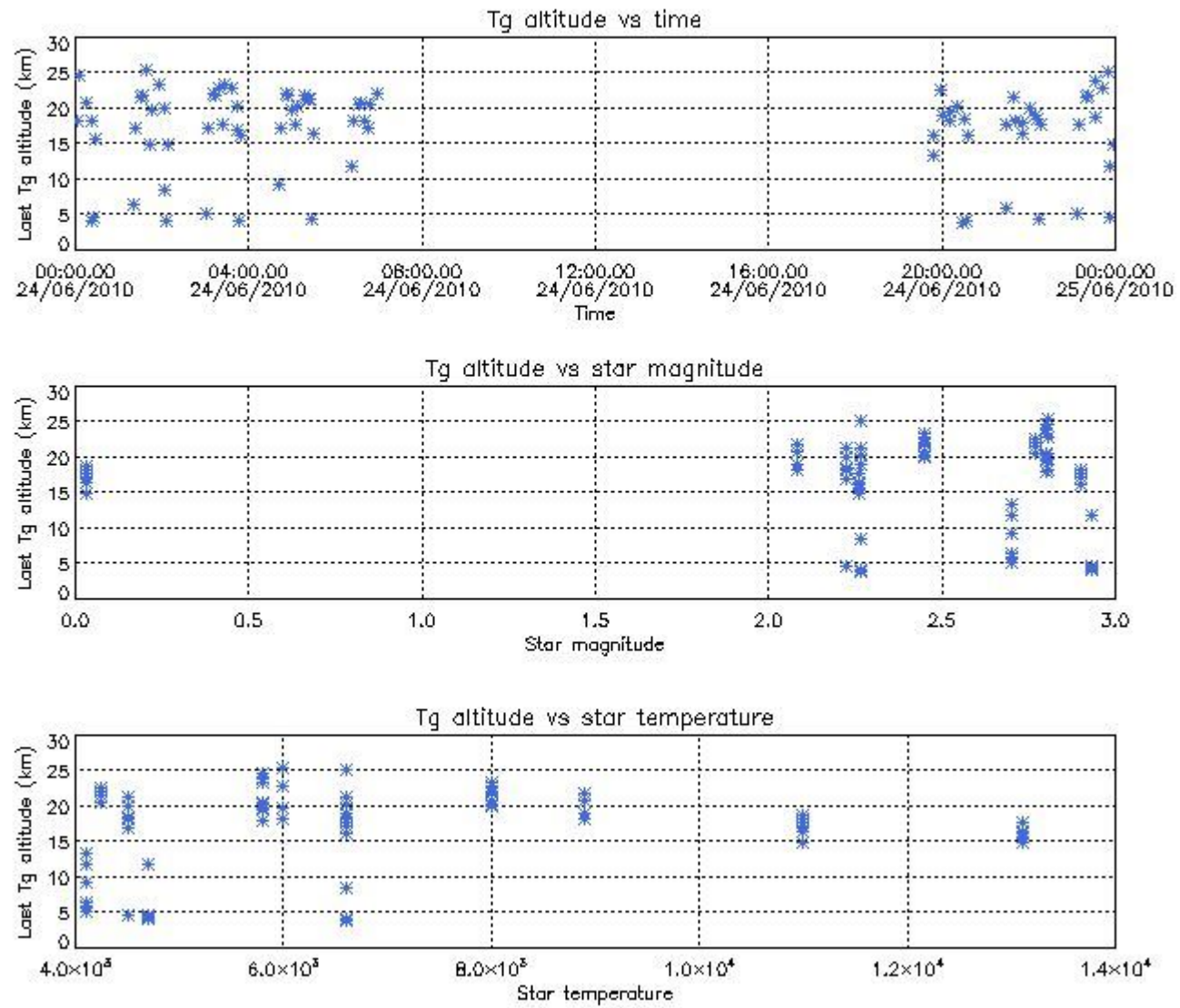
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

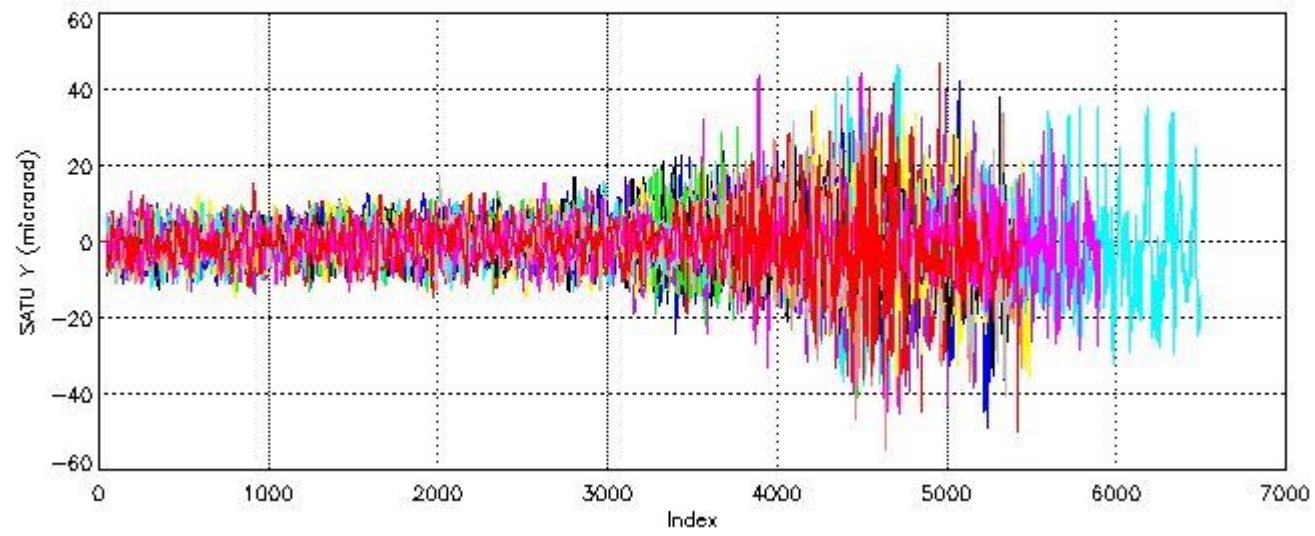
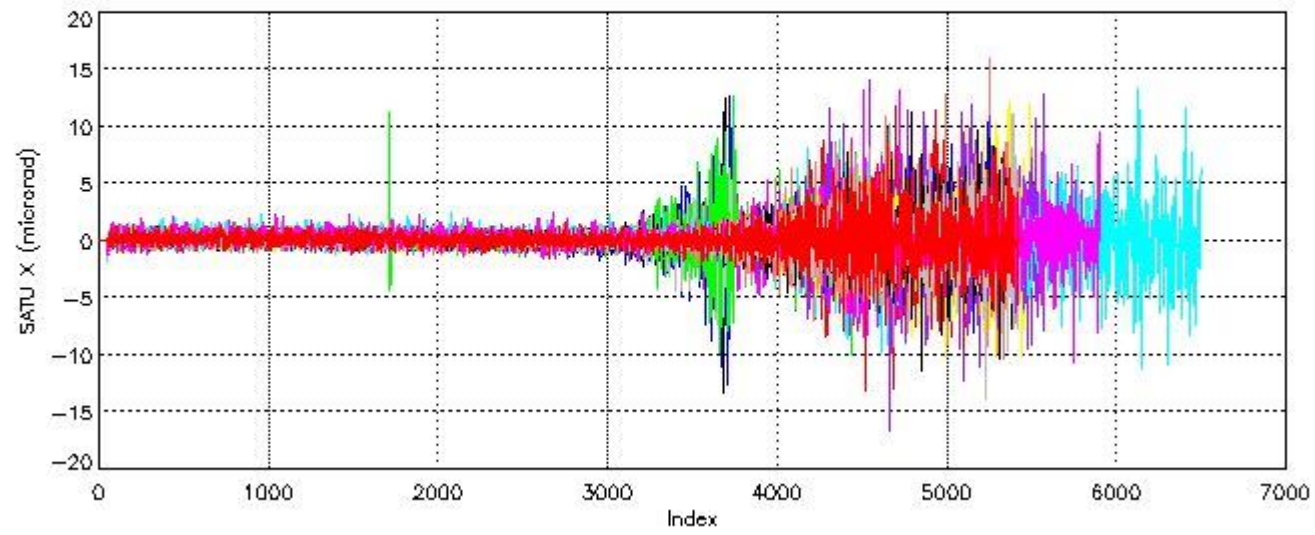


7. Star Acquisition and Tracking Unit (SATU)

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:	0.17240	-0.51259	0.22691	-0.58831
St. deviation:	0.35345	3.8055	0.69484	3.6513
Maximum:	2.2000	15.300	4.7000	14.600
Minimum:	-2.0000	-14.700	-4.3000	-16.000

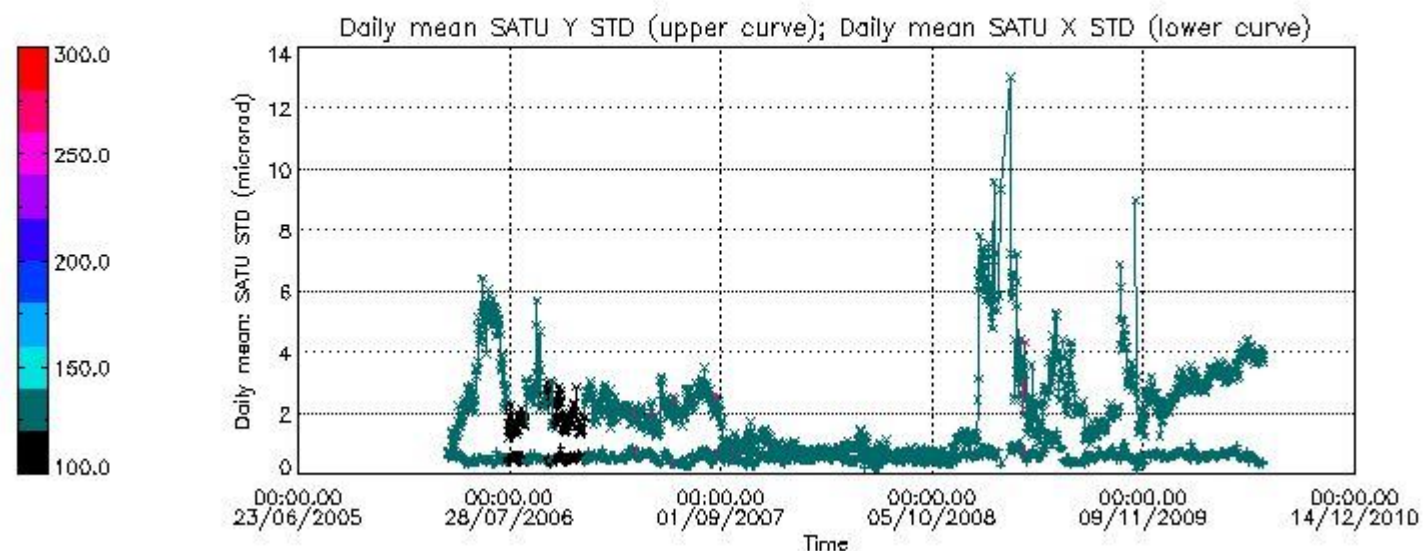
Number of data:	22150.	22150.	86350.	86350.
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7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

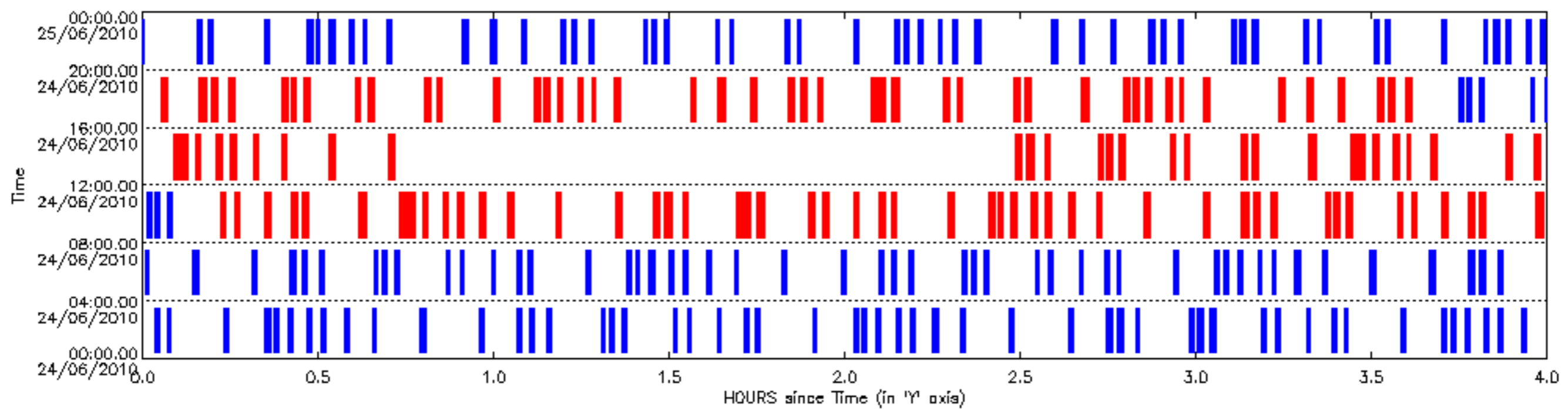
Upper curve: STD of SATU Y axis
Lower curve: STD of SATU X axis

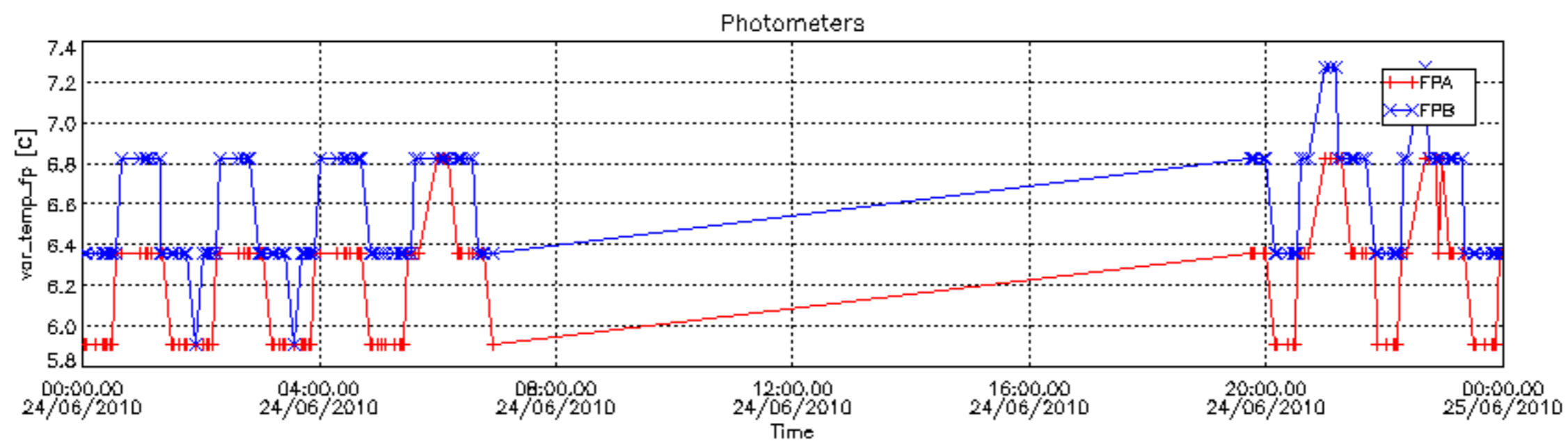
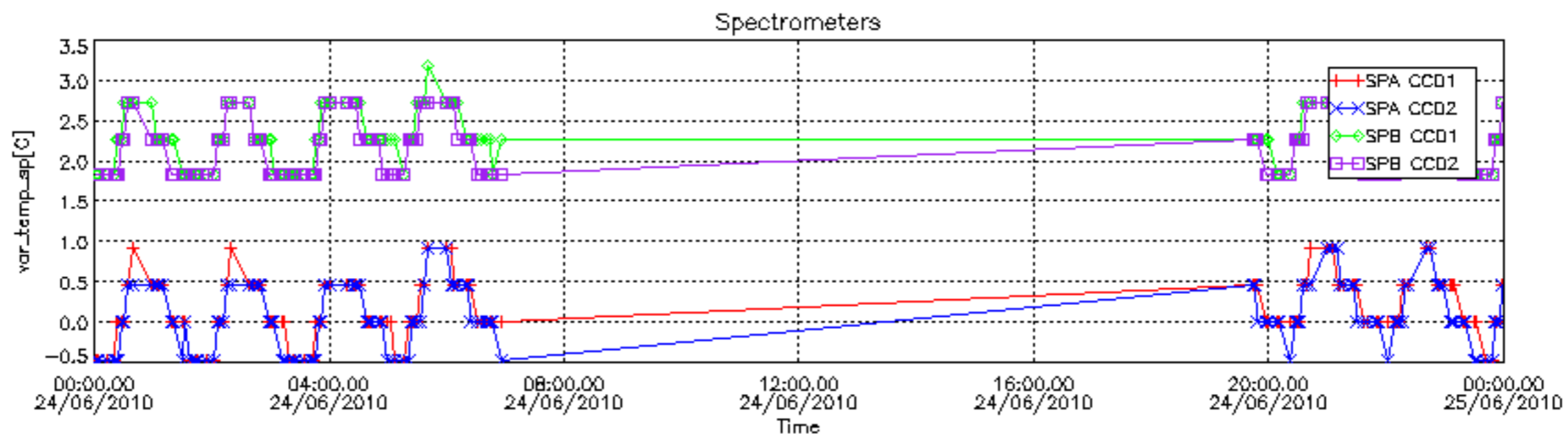


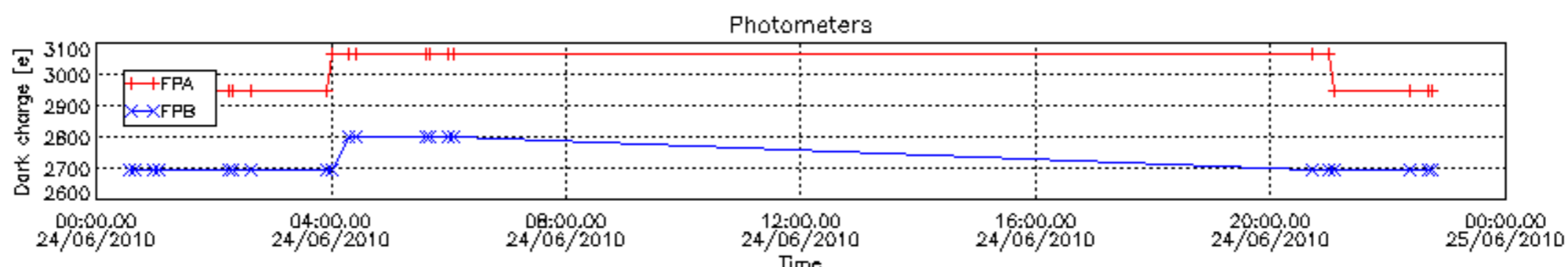
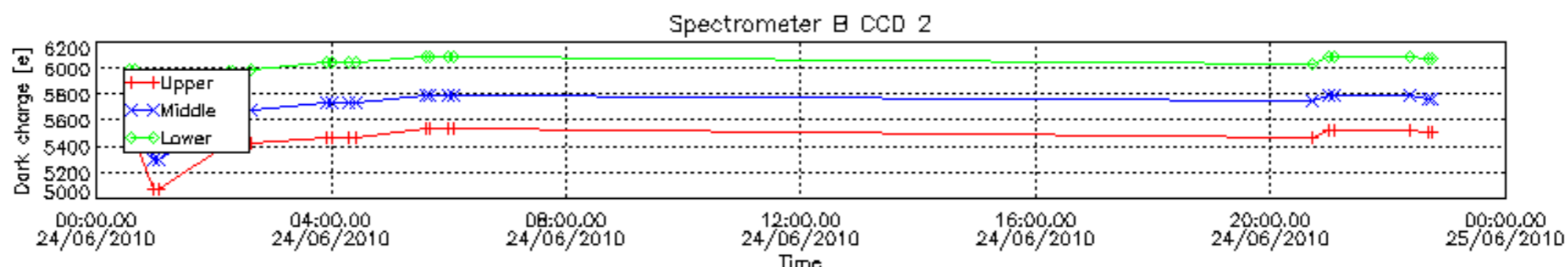
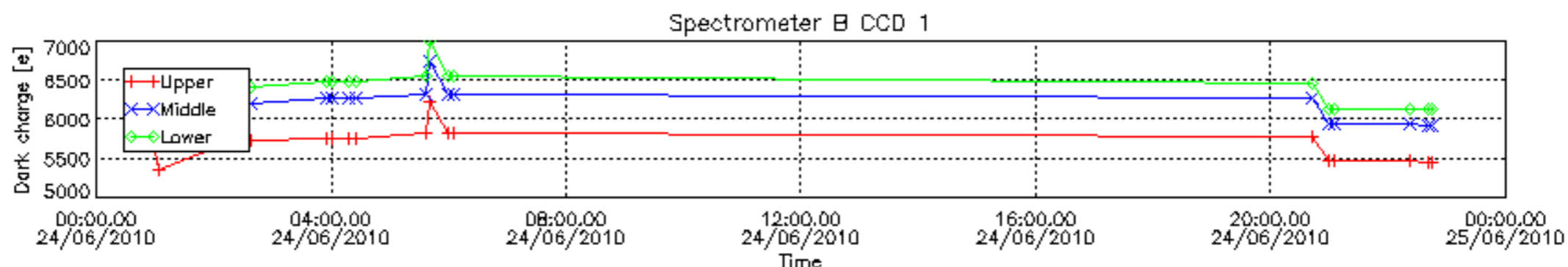
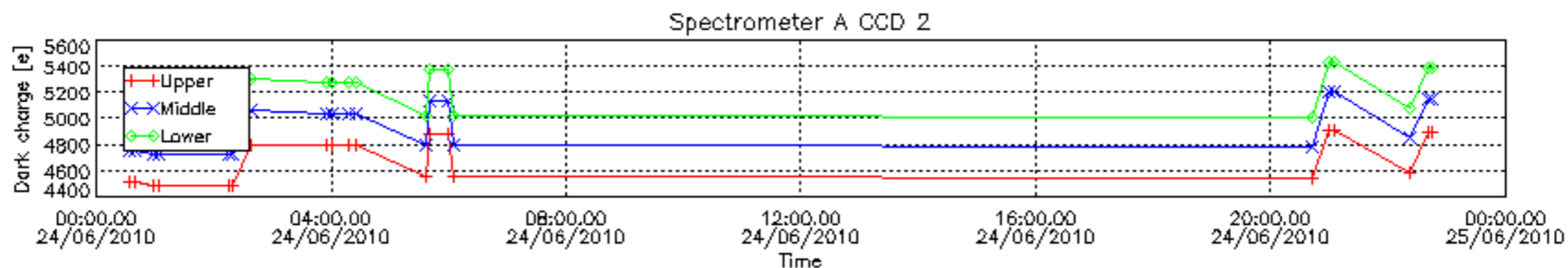
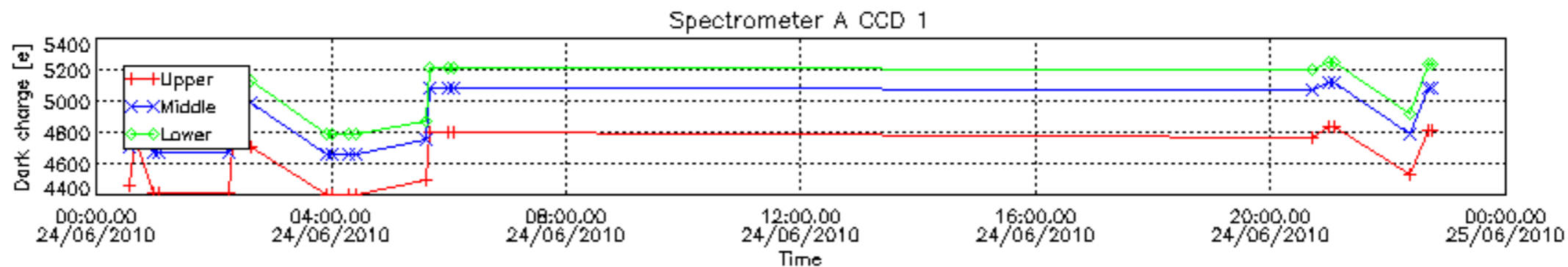
8. Auxiliary Data Files used for the production reported in section 2.4

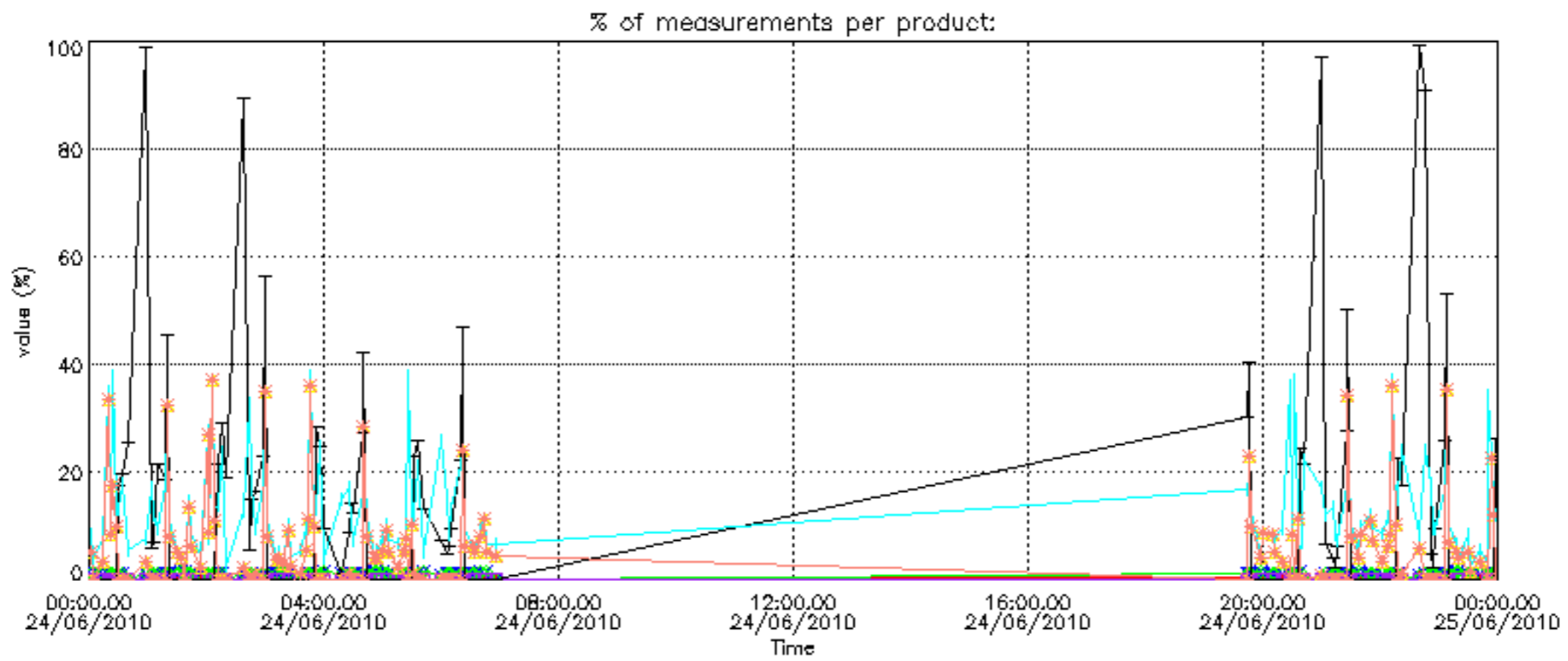
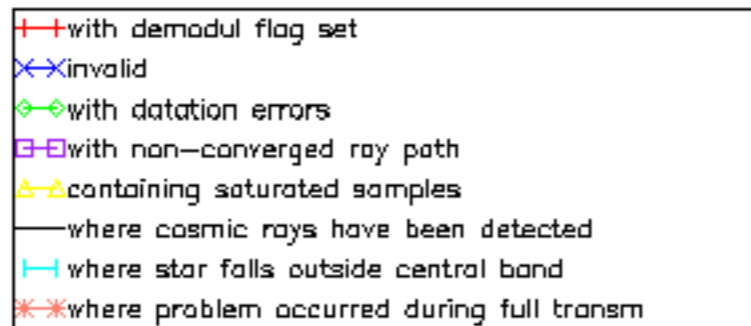
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-JUN-2010 00:02:07
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100615_083814_20100613_000000_20500101_000000	1	24-JUN-2010 00:02:07
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100624_124126_20100622_000000_20500101_000000	84	24-JUN-2010 19:44:55
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	24-JUN-2010 00:02:07
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	24-JUN-2010 00:02:07
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	24-JUN-2010 00:02:07
ECMWF_FILE	AUX_ECF_AXNECM20100623_054114_20100623_210000_20100624_090000	1	24-JUN-2010 00:02:07
ECMWF_FILE	AUX_ECF_AXNECM20100623_172115_20100624_030000_20100624_150000	44	24-JUN-2010 03:42:01
ECMWF_FILE	AUX_ECA_AXNECM20100624_052113_20100623_210000_20100624_090000	64	24-JUN-2010 05:22:36
ECMWF_FILE	AUX_ECA_AXNECM20100624_170312_20100624_090000_20100624_210000	84	24-JUN-2010 19:44:55
ECMWF_FILE	AUX_ECF_AXNECM20100624_052114_20100624_150000_20100625_030000	98	24-JUN-2010 20:59:23
ECMWF_FILE	AUX_ECF_AXNECM20100624_054115_20100624_210000_20100625_090000	117	24-JUN-2010 22:40:00
OPTIONAL_ECMWF_FILE	MISSING	1	24-JUN-2010 00:02:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100623_230110_000057382090_00330_43470_0613.N1	1	24-JUN-2010 00:02:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100624_004207_000054192090_00331_43471_0614.N1	11	24-JUN-2010 00:57:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100624_021745_000044632090_00332_43472_0615.N1	31	24-JUN-2010 02:38:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100624_033727_000057382090_00333_43473_0616.N1	44	24-JUN-2010 03:42:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100624_051824_000057382090_00334_43474_0617.N1	64	24-JUN-2010 05:22:36
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100624_193908_000035072090_00343_43483_0618.N1	84	24-JUN-2010 19:44:55
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100624_204253_000060572090_00343_43483_0619.N1	98	24-JUN-2010 20:59:23

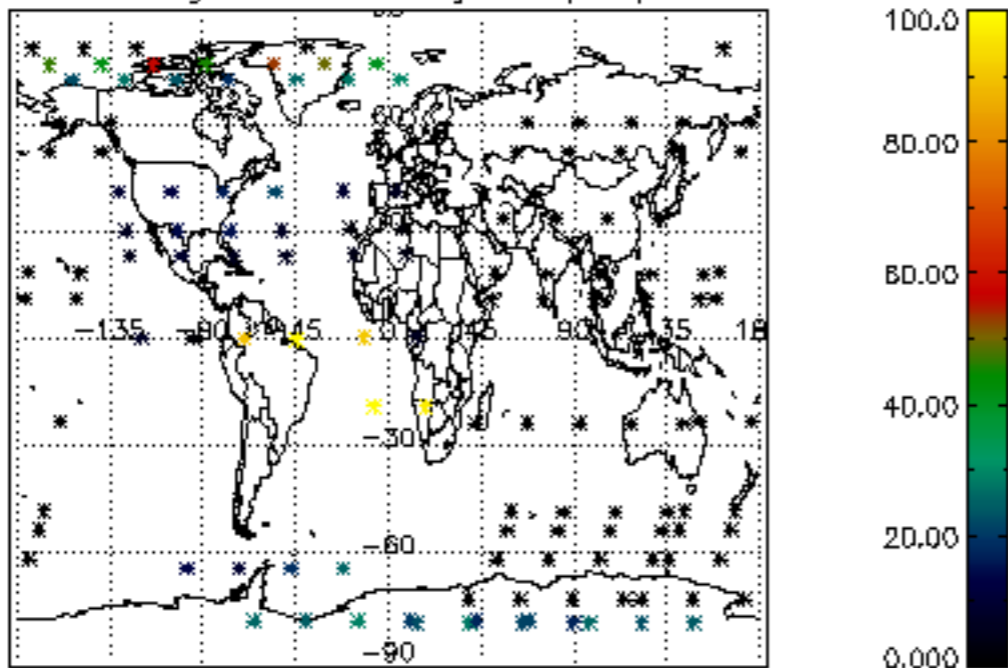




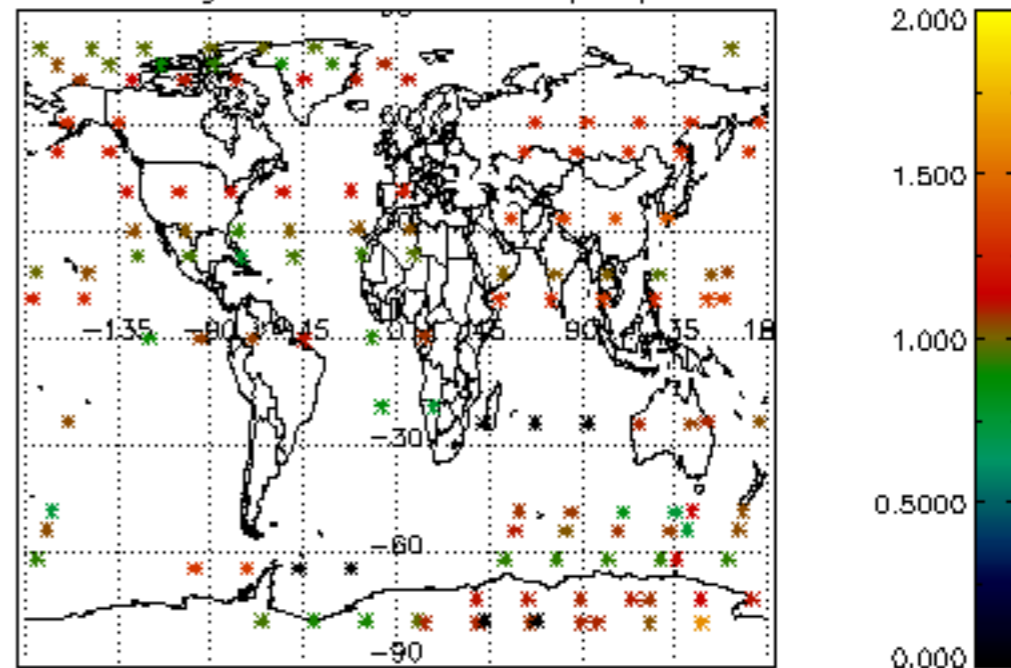




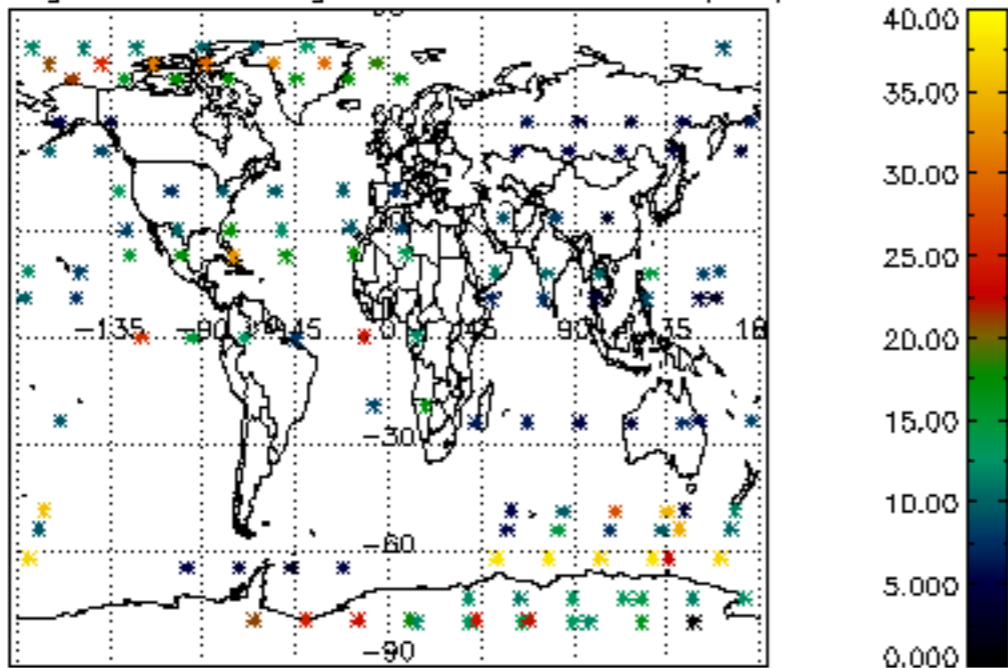
Percentage of cosmic ray hits per profile



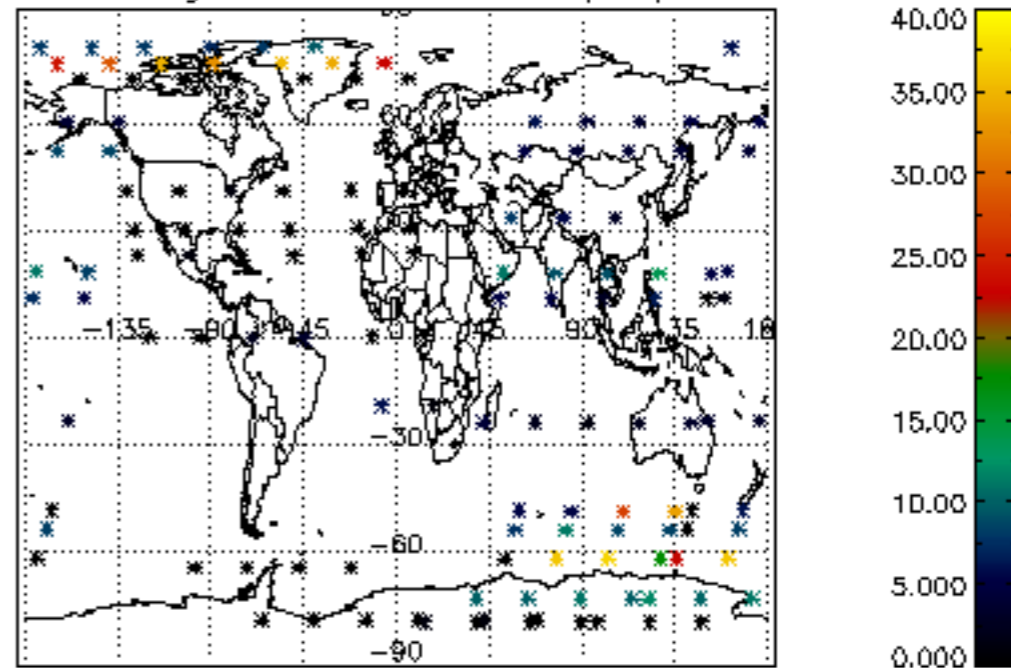
Percentage of datation errors per profile



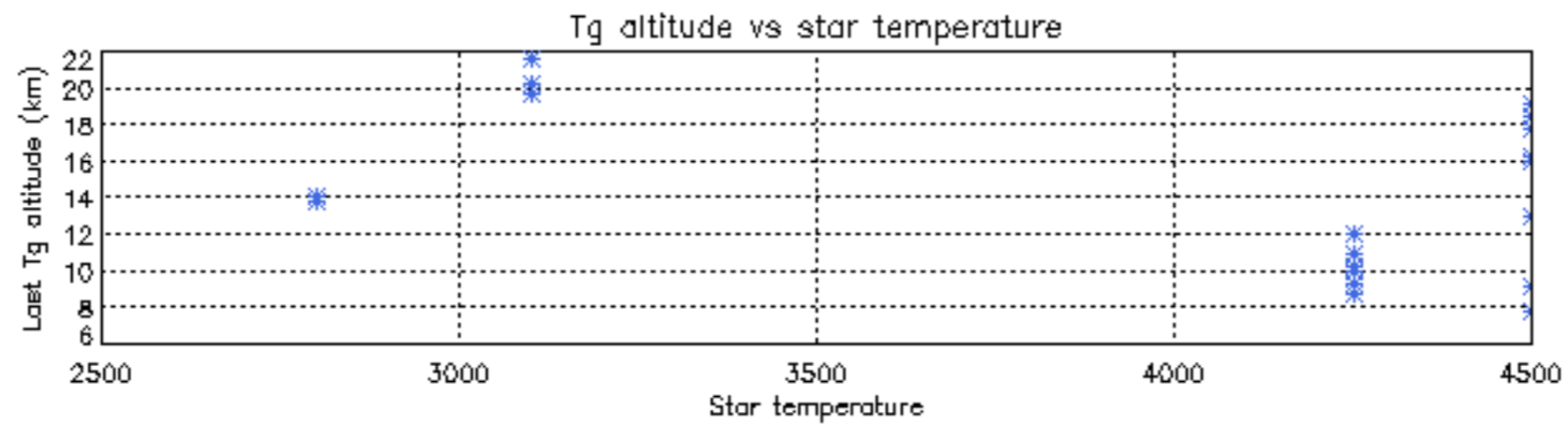
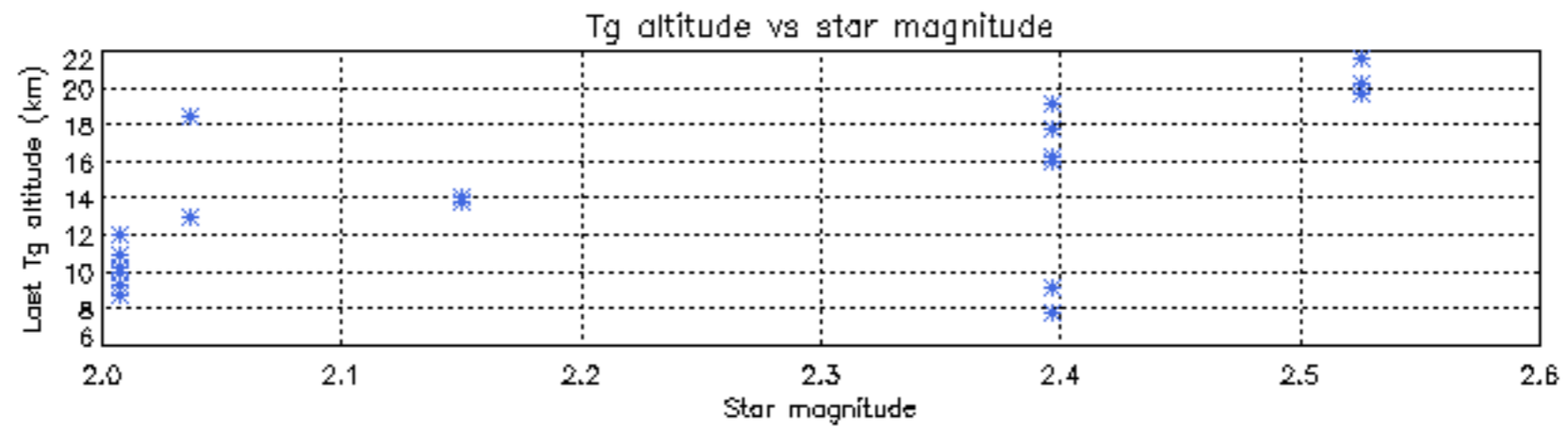
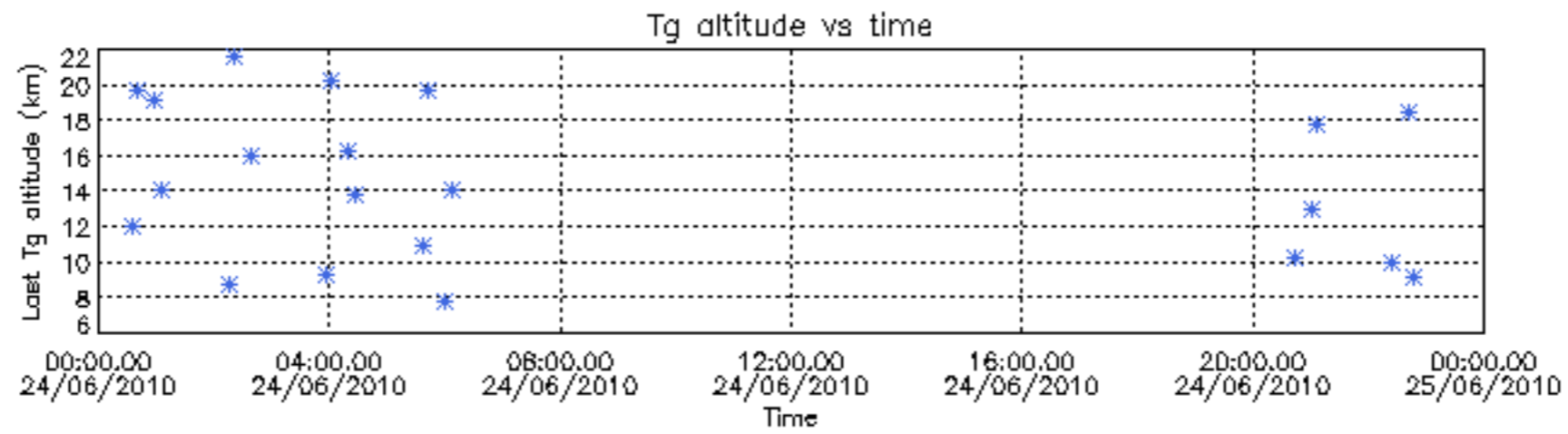
Percentage of star falling outside central band per profile



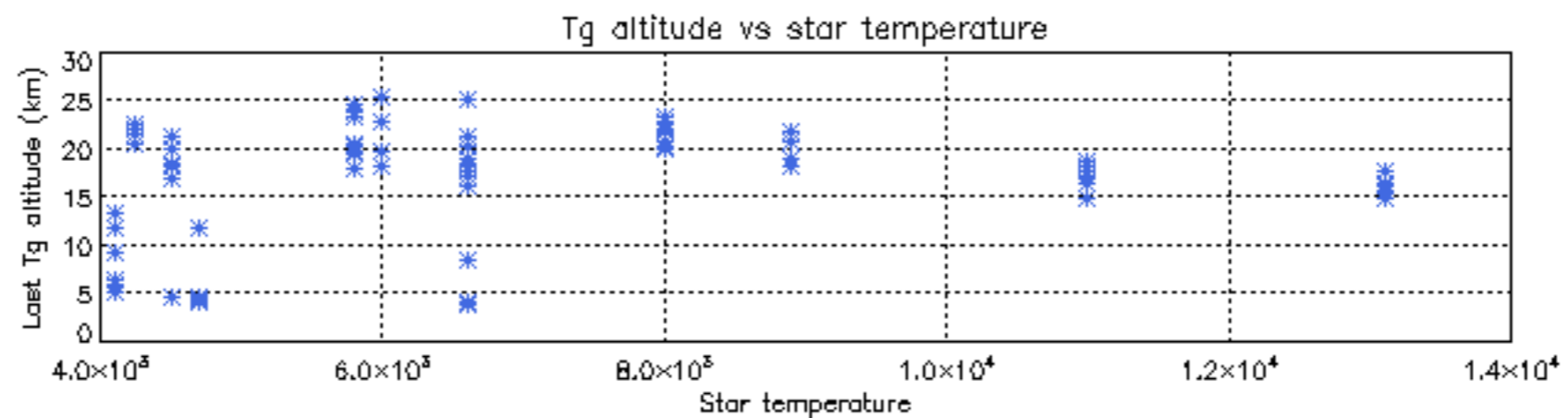
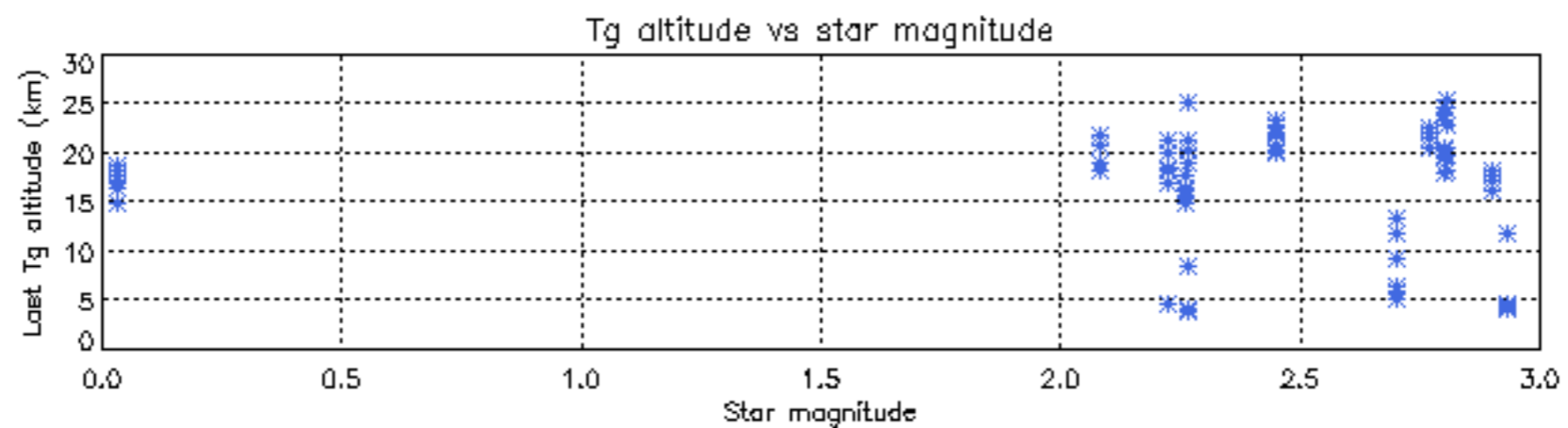
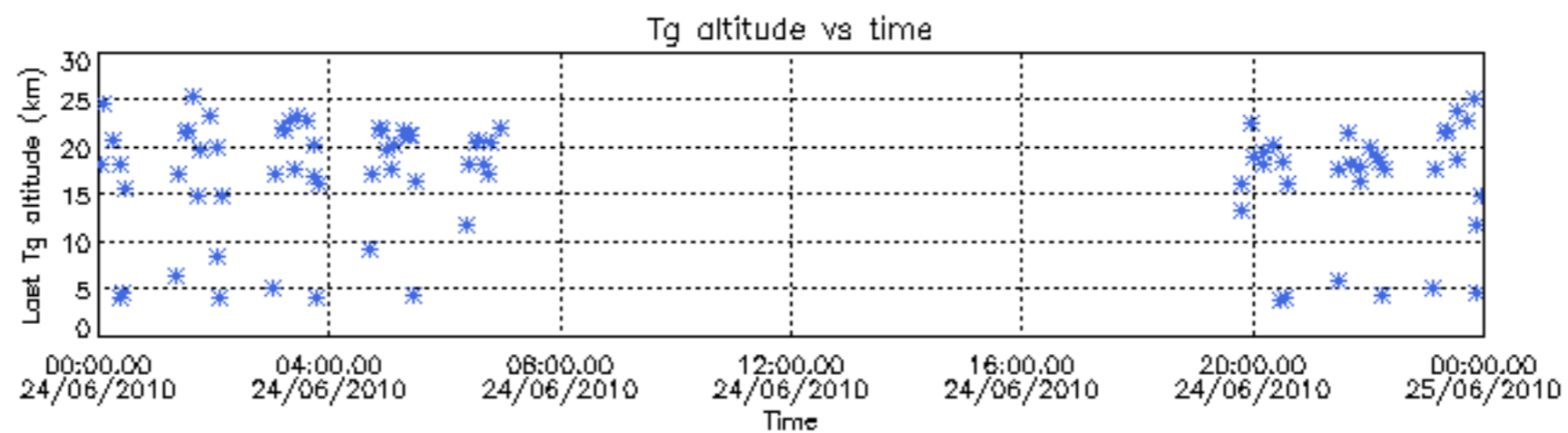
Percentage of saturation errors per profile

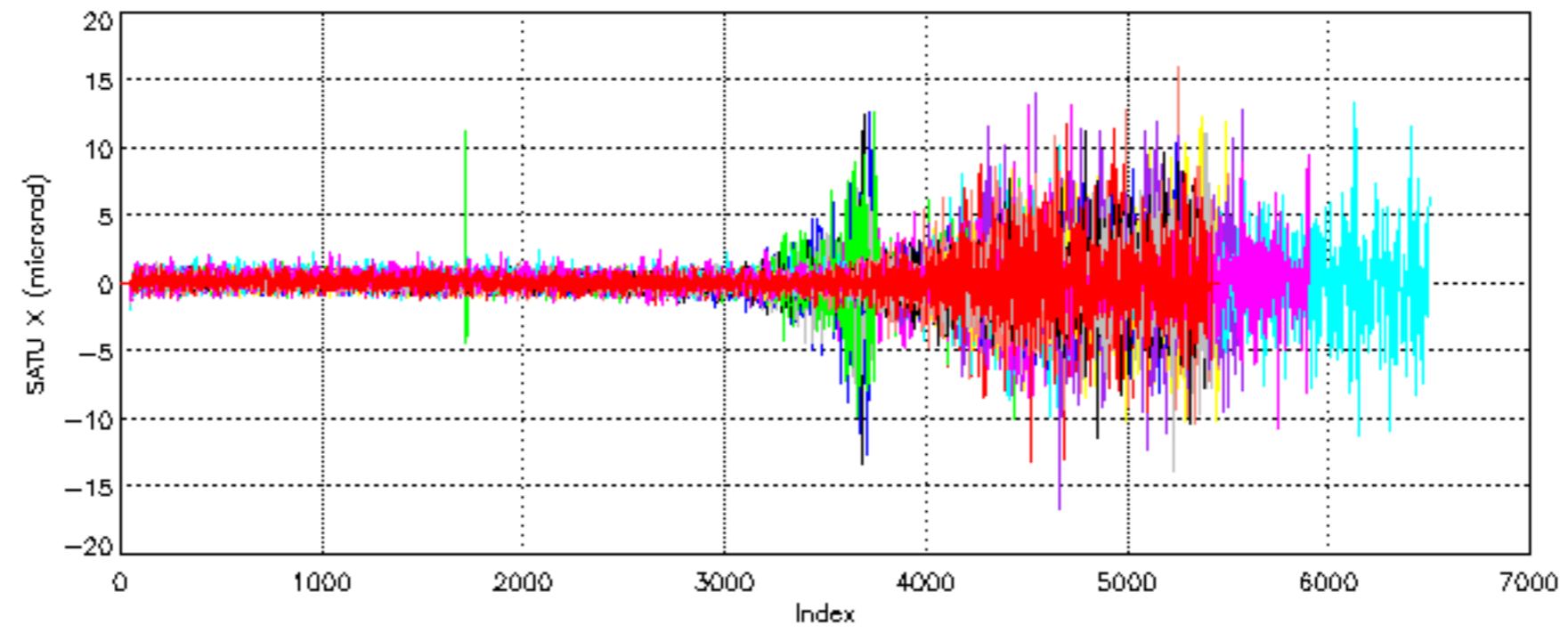


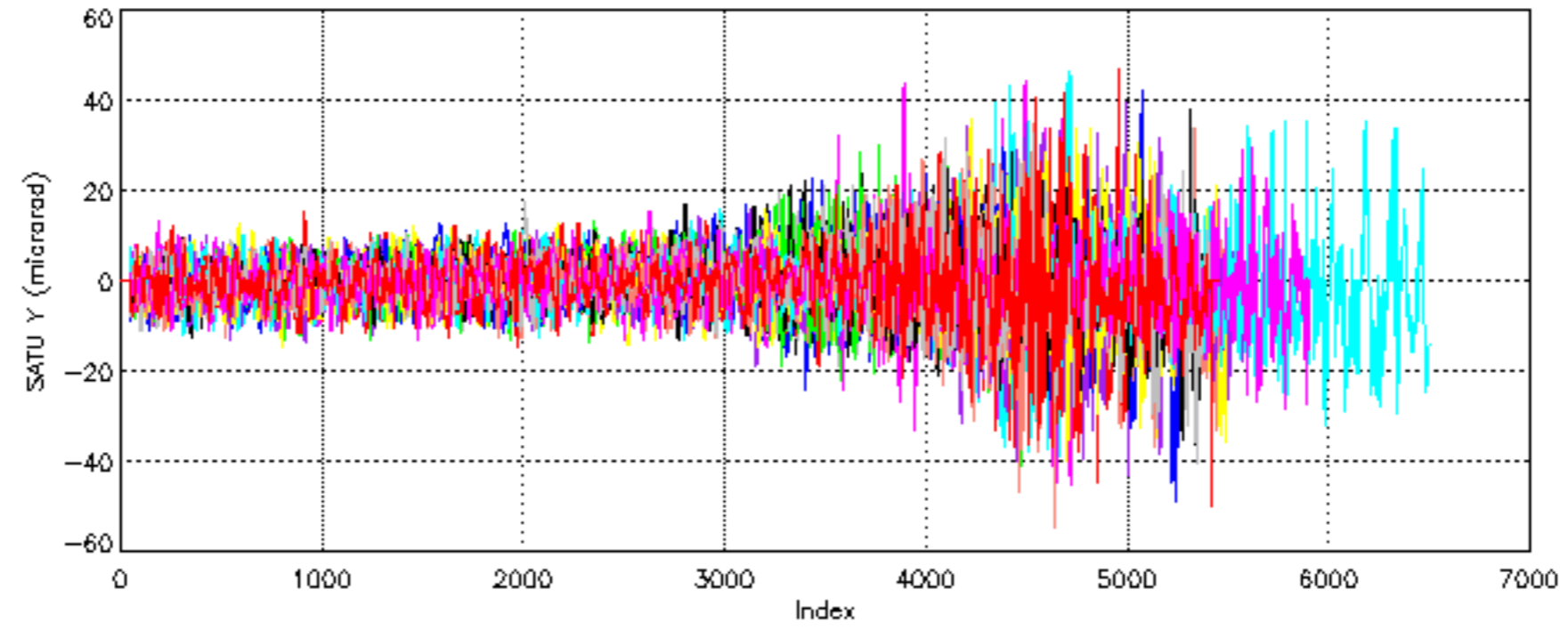
Tangent altitude at which the star is lost

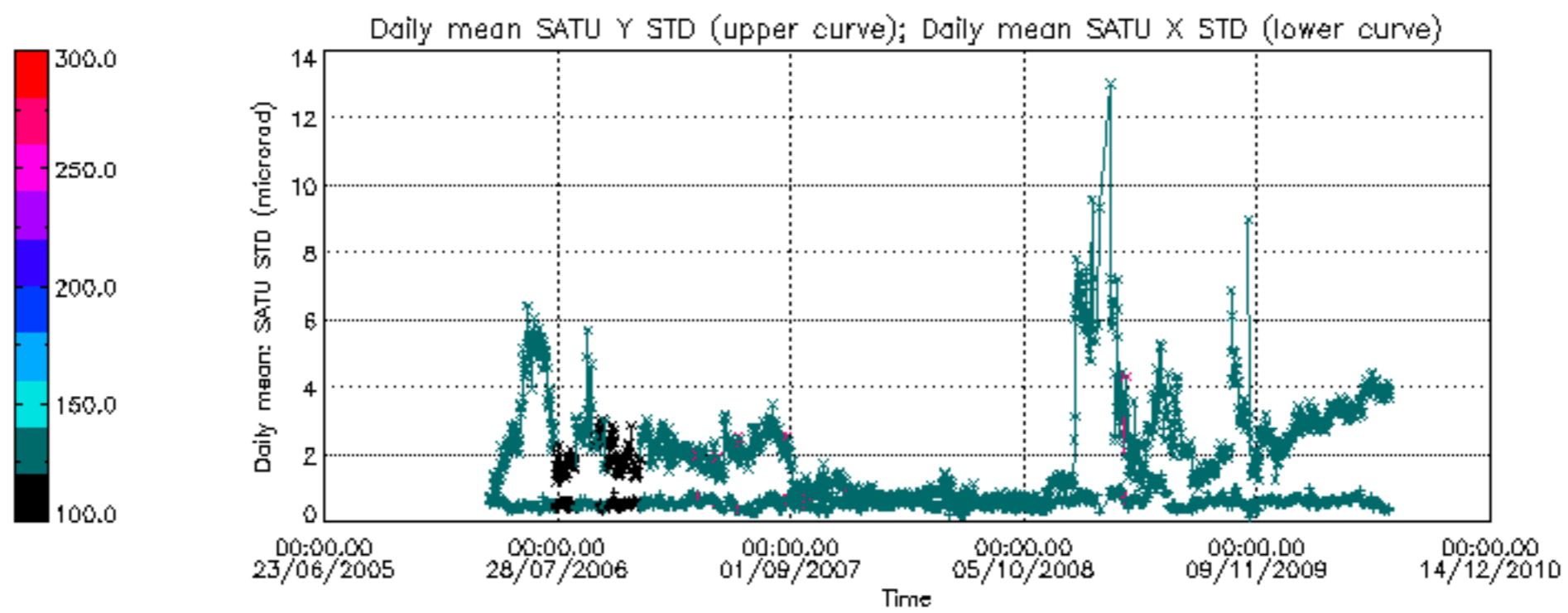


Tangent altitude at which the star is lost









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 6; 933.8; 01-JUN-2010 01:36:05; Dark ; 40.0; 147; Alp Ara ; 2.88; 26000;occ; 80; 0;43143
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 11; 1497.2; 01-JUN-2010 01:45:29; Bright; 40.0; 80; 7Del Sco ; 2.32; 30000;occ; 80; 0;43143
 12; 1590.7; 01-JUN-2010 01:47:02; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;43143
 13; 1702.4; 01-JUN-2010 01:48:54; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;43143
 14; 1833.7; 01-JUN-2010 01:51:05; Bright; 40.5; 120; 1Del Oph ; 2.73; 3200;occ; 81; 0;43143
 15; 2014.5; 01-JUN-2010 01:54:06; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;43143
 16; 2369.2; 01-JUN-2010 02:00:00; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;43143
 17; 2529.6; 01-JUN-2010 02:02:41; Bright; 43.0; 133; 40Zet Her ; 2.81; 6000;occ; 86; 0;43143
 18; 3005.3; 01-JUN-2010 02:10:37; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;43143
 19; 3630.0; 01-JUN-2010 02:21:01; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43143
 20; 3928.9; 01-JUN-2010 02:26:00; Bright; 37.0; 76; 27Gam Cas ; 2.30; 30000;occ; 74; 0;43143
 21; 4393.4; 01-JUN-2010 02:33:45; Bright; 48.0; 53; 43Bet And ; 2.05; 3300;occ; 96; 0;43143
 22; 4555.3; 01-JUN-2010 02:36:27; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;43143
 23; 4851.4; 01-JUN-2010 02:41:23; Dark ; 51.5; 140; 88Gam Peg ; 2.83; 26000;occ; 103; 0;43143
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 27; 6111.3; 01-JUN-2010 03:02:23; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;43144
 28; 6224.1; 01-JUN-2010 03:04:15; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;43144
 29; 6522.8; 01-JUN-2010 03:09:14; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;43144
 30; 6970.3; 01-JUN-2010 03:16:42; Dark ; 42.0; 147; Alp Ara ; 2.88; 26000;occ; 84; 0;43144
 31; 7071.4; 01-JUN-2010 03:18:23; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;43144
 32; 7179.2; 01-JUN-2010 03:20:10; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;43144
 33; 7285.7; 01-JUN-2010 03:21:57; Dark ; 43.5; 75; 26Eps Sco ; 2.29; 4250;occ; 87; 0;43144
 34; 7408.5; 01-JUN-2010 03:24:00; Dark ; 44.5; 136; 23Tau Sco ; 2.82; 30000;occ; 89; 0;43144
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 36; 7626.6; 01-JUN-2010 03:27:38; Bright; 48.0; 86; 35Eta Oph ; 2.43; 10200;occ; 96; 0;43144
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 39; 8050.5; 01-JUN-2010 03:34:42; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;43144
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 3; 3929.2; 01-JUN-2010 04:06:36; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;43144
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 5; 4555.3; 01-JUN-2010 04:17:02; Dark ; 52.5; 58; 21Alp And ; 2.07; 11000;occ; 105; 0;43144
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 11; 6224.6; 01-JUN-2010 04:44:52; Dark ; 47.5; 31; Alp Gru ; 1.73; 15200;occ; 95; 0;43145
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 13; 6970.6; 01-JUN-2010 04:57:18; Dark ; 38.5; 147; Alp Ara ; 2.88; 26000;occ; 77; 0;43145
 14; 7072.2; 01-JUN-2010 04:58:59; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;43145
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 22; 8050.5; 01-JUN-2010 05:15:18; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;43145
 23; 8405.1; 01-JUN-2010 05:21:12; Bright; 36.5; 67; 5Alp CrB ; 2.22; 11000;occ; 73; 0;43145
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26; 9664.9; 01-JUN-2010 05:42:12; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43145
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 27; 6509.4; 14-JUN-2010 03:00:23; Dark ; 57.5; 172; Gam Gru ; 3.00; 13100;occ; 115; 0;43330
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11; 610.3; 14-JUN-2010 06:23:52; Dark ; 45.0; 45; Alp Pav ; 1.94; 26000;occ; 90; 0;43332
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13; 1293.1; 14-JUN-2010 06:35:15; Dark ; 47.5; 167; 10Gam2Sgr ; 2.98; 4500;occ; 95; 0;43332
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13; 4409.8; 14-JUN-2010 20:51:59; Dark ; 55.5; 53; 43Bet And ; 2.05; 3300;occ; 111; 0;43340
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5; 2457.9; 16-JUN-2010 14:14:25; Bright; 38.0; 133; 40Zet Her ; 2.81; 6000;occ; 76; 0;43365
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7; 3487.3; 16-JUN-2010 14:31:35; Bright; 48.0; 89; 5Alp Cep ; 2.45; 8000;occ; 96; 0;43365
8; 3875.2; 16-JUN-2010 14:38:03; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;43365
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11; 4411.7; 16-JUN-2010 14:46:59; Dark ; 54.0; 53; 43Bet And ; 2.05; 3300;occ; 108; 0;43365
12; 4622.2; 16-JUN-2010 14:50:30; Dark ; 45.5; 50; 13Alp Ari ; 2.01; 4250;occ; 91; 0;43365
13; 5464.0; 16-JUN-2010 15:04:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43365
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19; 6667.0; 16-JUN-2010 15:24:34; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43366
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4; 2276.1; 16-JUN-2010 15:51:59; Bright; 36.5; 127; 27Bet Her ; 2.78; 4700;occ; 73; 0;43366
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6; 2864.2; 16-JUN-2010 16:01:48; Bright; 43.0; 130; 23Bet Dra ; 2.80; 5800;occ; 86; 0;43366
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13; 5465.2; 16-JUN-2010 16:45:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43366
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2; 1298.8; 16-JUN-2010 20:37:30; Dark ; 51.0; 116; 19Del Sgr ; 2.70; 4100;occ; 102; 0;43369
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 9; 3484.4; 16-JUN-2010 21:13:56; Bright; 49.5; 89; 5Alp Cep ; 2.45; 8000;occ; 99; 0;43369
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 13; 4411.6; 16-JUN-2010 21:29:23; Dark ; 60.5; 53; 43Bet And ; 2.05; 3300;occ; 121; 0;43369
 14; 4623.1; 16-JUN-2010 21:32:54; Dark ; 52.0; 50; 13Alp Ari ; 2.01; 4250;occ; 104; 0;43369

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 3; -91.2; 16-JUN-2010 21:54:56; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;43369
 4; 284.5; 16-JUN-2010 22:01:12; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;43370
 5; 407.7; 16-JUN-2010 22:03:15; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43370
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 11; 1615.1; 16-JUN-2010 22:23:22; Bright; 39.0; 86; 35Eta Oph ; 2.43; 10200;occ; 78; 0;43370
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 13; 2154.5; 16-JUN-2010 22:32:22; Bright; 42.5; 59; 55Alp Oph ; 2.08; 8900;occ; 85; 0;43370
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 15; 2456.6; 16-JUN-2010 22:37:24; Bright; 40.0; 133; 40Zet Her ; 2.81; 6000;occ; 80; 0;43370
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 17; 3483.6; 16-JUN-2010 22:54:31; Bright; 48.0; 89; 5Alp Cep ; 2.45; 8000;occ; 96; 0;43370
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 20; 4269.5; 16-JUN-2010 23:07:37; Bright; 41.0; 73; 57Gam1And ; 2.26; 13100;occ; 82; 0;43370
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 22; 4623.3; 16-JUN-2010 23:13:30; Dark ; 47.5; 50; 13Alp Ari ; 2.01; 4250;occ; 95; 0;43370

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 4; 285.8; 16-JUN-2010 23:41:49; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43371
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 6; 528.3; 16-JUN-2010 23:45:51; Dark ; 41.0; 172; Gam Gru ; 3.00; 13100;occ; 82; 0;43371
 7; 633.7; 16-JUN-2010 23:47:37; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43371
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 18; 3873.3; 17-JUN-2010 00:41:36; Bright; 64.0; 74; 11Bet Cas ; 2.27; 6600;occ; 128; 0;43371
 19; 3957.0; 17-JUN-2010 00:43:00; Bright; 50.0; 68; 18Alp Cas ; 2.22; 4500;occ; 100; 0;43371
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 21; 4411.7; 17-JUN-2010 00:50:35; Dark ; 66.5; 53; 43Bet And ; 2.05; 3300;occ; 133; 0;43371
 22; 4623.5; 17-JUN-2010 00:54:07; Dark ; 50.0; 50; 13Alp Ari ; 2.01; 4250;occ; 100; 0;43371

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 3; 1614.6; 16-JUN-2010 17:21:34; Bright; 39.5; 86; 35Eta Oph ; 2.43; 10200;occ; 79; 0;43367
 4; 2005.1; 16-JUN-2010 17:28:04; Bright; 44.0; 126; 60Bet Oph ; 2.77; 4250;occ; 88; 0;43367
 5; 2155.5; 16-JUN-2010 17:30:35; Bright; 45.0; 59; 55Alp Oph ; 2.08; 8900;occ; 90; 0;43367
 6; 2276.1; 16-JUN-2010 17:32:35; Bright; 38.0; 127; 27Bet Her ; 2.78; 4700;occ; 76; 0;43367
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 9; 3486.1; 16-JUN-2010 17:52:45; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 0;43367
 10; 3874.8; 16-JUN-2010 17:59:14; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;43367

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13; 4411.6; 16-JUN-2010 18:08:11; Dark ; 60.5; 53; 43Bet And ; 2.05; 3300;occ; 121; 0;43367
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17; 5943.7; 16-JUN-2010 18:33:43; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;43367
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18; 6522.8; 22-JUN-2010 13:53:04; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;43451
19; 6716.1; 22-JUN-2010 13:56:17; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;43451
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 7; 2447.4; 22-JUN-2010 21:08:08; Bright; 35.5; 133; 40Zet Her ; 2.81; 6000;occ; 71; 0;43455
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16; 4644.2; 22-JUN-2010 21:44:45; Dark ; 51.0; 50; 13Alp Ari ; 2.01; 4250;occ; 102; 0;43455
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11; 2134.7; 22-JUN-2010 22:43:31; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43456
12; 2447.4; 22-JUN-2010 22:48:44; Bright; 37.0; 133; 40Zet Her ; 2.81; 6000;occ; 74; 0;43456
13; 2721.7; 22-JUN-2010 22:53:18; Bright; 44.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 88; 0;43456

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 16; 3840.3; 23-JUN-2010 00:52:33; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;43457
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 13; 2833.9; 23-JUN-2010 02:16:22; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;43458
 14; 3423.5; 23-JUN-2010 02:26:12; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43458
 15; 3839.7; 23-JUN-2010 02:33:08; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;43458
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 18; 4270.5; 23-JUN-2010 02:40:19; Bright; 60.0; 73; 57Gam1And ; 2.26; 13100;occ; 120; 0;43458
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 28; 7361.8; 23-JUN-2010 03:31:50; Dark ; 51.5; 116; 19Del Sgr ; 2.70; 4100;occ; 103; 0;43459
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 21; 3411.8; 24-JUN-2010 06:56:11; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43475

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 2; 1332.6; 24-JUN-2010 19:46:19; Dark ; 46.0; 116; 19Del Sgr ; 2.70; 4100;occ; 92; 0;43483
 3; 1461.8; 24-JUN-2010 19:48:28; Bright; 51.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 103; 0;43483
 4; 1986.8; 24-JUN-2010 19:57:13; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43483
 5; 2130.3; 24-JUN-2010 19:59:37; Bright; 40.5; 59; 55Alp Oph ; 2.08; 8900;occ; 81; 0;43483
 6; 2703.6; 24-JUN-2010 20:09:10; Bright; 48.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 96; 0;43483
 7; 2827.5; 24-JUN-2010 20:11:14; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;43483
 8; 3406.5; 24-JUN-2010 20:20:53; Bright; 48.0; 89; 5Alp Cep ; 2.45; 8000;occ; 96; 0;43483
 9; 3829.1; 24-JUN-2010 20:27:56; Bright; 67.0; 74; 11Bet Cas ; 2.27; 6600;occ; 134; 0;43483
 10; 3922.7; 24-JUN-2010 20:29:29; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43483
 11; 4065.0; 24-JUN-2010 20:31:52; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43483
 12; 4270.4; 24-JUN-2010 20:35:17; Bright; 45.0; 73; 57Gam1And ; 2.26; 13100;occ; 90; 0;43483
 13; 4417.3; 24-JUN-2010 20:37:44; Dark ; 31.0; 53; 43Bet And ; 2.05; 3300;occ; 62; 0;43483
 14; 4651.6; 24-JUN-2010 20:41:38; Dark ; 54.0; 50; 13Alp Ari ; 2.01; 4250;occ; 108; 0;43483

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 3; 8.2; 24-JUN-2010 21:04:51; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;43483
 4; 397.1; 24-JUN-2010 21:11:20; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43484
 5; 518.5; 24-JUN-2010 21:13:21; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43484
 6; 698.4; 24-JUN-2010 21:16:21; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43484
 7; 1248.2; 24-JUN-2010 21:25:31; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;43484
 8; 1332.8; 24-JUN-2010 21:26:55; Dark ; 54.0; 116; 19Del Sgr ; 2.70; 4100;occ; 108; 0;43484
 9; 1462.1; 24-JUN-2010 21:29:05; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43484
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 11; 2130.1; 24-JUN-2010 21:40:13; Bright; 41.0; 59; 55Alp Oph ; 2.08; 8900;occ; 82; 0;43484
 12; 2702.6; 24-JUN-2010 21:49:45; Bright; 50.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 100; 0;43484
 13; 2827.1; 24-JUN-2010 21:51:50; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;43484
 14; 3405.4; 24-JUN-2010 22:01:28; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 0;43484
 15; 3828.6; 24-JUN-2010 22:08:31; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;43484
 16; 3922.2; 24-JUN-2010 22:10:05; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43484
 17; 4064.9; 24-JUN-2010 22:12:27; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43484
 18; 4270.0; 24-JUN-2010 22:15:53; Bright; 44.0; 73; 57Gam1And ; 2.26; 13100;occ; 88; 0;43484
 19; 4416.8; 24-JUN-2010 22:18:19; Dark ; 48.5; 173; 4Bet Tri ; 3.00; 8900;occ; 97; 0;43484
 20; 4651.7; 24-JUN-2010 22:22:14; Dark ; 54.5; 50; 13Alp Ari ; 2.01; 4250;occ; 109; 0;43484

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 3; 9.2; 24-JUN-2010 22:45:28; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;43484
 4; 398.2; 24-JUN-2010 22:51:57; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43485
 5; 519.7; 24-JUN-2010 22:53:58; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43485
 6; 698.8; 24-JUN-2010 22:56:57; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43485
 7; 1248.5; 24-JUN-2010 23:06:07; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;43485
 8; 1332.8; 24-JUN-2010 23:07:31; Dark ; 55.5; 116; 19Del Sgr ; 2.70; 4100;occ; 111; 0;43485
 9; 1462.1; 24-JUN-2010 23:09:41; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43485

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10; 1986.9; 24-JUN-2010 23:18:25; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43485
11; 2130.2; 24-JUN-2010 23:20:49; Bright; 38.5; 59; 55Alp Oph ; 2.08; 8900;occ; 77; 0;43485
12; 2702.2; 24-JUN-2010 23:30:21; Bright; 47.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 95; 0;43485
13; 2826.9; 24-JUN-2010 23:32:25; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;43485
14; 3405.2; 24-JUN-2010 23:42:04; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;43485
15; 3828.1; 24-JUN-2010 23:49:06; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;43485
16; 3921.8; 24-JUN-2010 23:50:40; Bright; 66.0; 68; 18Alp Cas ; 2.22; 4500;occ; 132; 0;43485
17; 4064.8; 24-JUN-2010 23:53:03; Bright; 44.5; 160; 23Gam Per ; 2.93; 4700;occ; 89; 0;43485
18; 4269.9; 24-JUN-2010 23:56:28; Bright; 46.5; 73; 57Gam1And ; 2.26; 13100;occ; 93; 0;43485
19; 4417.2; 24-JUN-2010 23:58:56; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43485
20; 4652.1; 25-JUN-2010 00:02:50; Dark ; 52.0; 50; 13Alp Ari ; 2.01; 4250;occ; 104; 0;43485
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3; 10.0; 25-JUN-2010 00:26:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43486
4; 399.1; 25-JUN-2010 00:32:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;43486
5; 520.4; 25-JUN-2010 00:34:35; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43486
6; 699.5; 25-JUN-2010 00:37:34; Dark ; 49.5; 45; Alp Pav ; 1.94; 26000;occ; 99; 0;43486
7; 1248.9; 25-JUN-2010 00:46:43; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;43486
8; 1333.3; 25-JUN-2010 00:48:08; Dark ; 51.5; 116; 19Del Sgr ; 2.70; 4100;occ; 103; 0;43486
9; 1462.4; 25-JUN-2010 00:50:17; Bright; 50.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 101; 0;43486
10; 1986.6; 25-JUN-2010 00:59:01; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43486
11; 2129.9; 25-JUN-2010 01:01:24; Bright; 39.5; 59; 55Alp Oph ; 2.08; 8900;occ; 79; 0;43486
12; 2701.4; 25-JUN-2010 01:10:56; Bright; 50.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 101; 0;43486
13; 2826.6; 25-JUN-2010 01:13:01; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;43486
14; 3404.5; 25-JUN-2010 01:22:39; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;43486
15; 3827.4; 25-JUN-2010 01:29:42; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43486
16; 3921.4; 25-JUN-2010 01:31:16; Bright; 49.0; 68; 18Alp Cas ; 2.22; 4500;occ; 98; 0;43486
17; 4064.9; 25-JUN-2010 01:33:39; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43486
18; 4269.8; 25-JUN-2010 01:37:04; Bright; 46.5; 73; 57Gam1And ; 2.26; 13100;occ; 93; 0;43486
19; 4417.1; 25-JUN-2010 01:39:31; Dark ; 44.5; 173; 4Bet Tri ; 3.00; 8900;occ; 89; 0;43486
20; 4652.5; 25-JUN-2010 01:43:27; Dark ; 55.0; 50; 13Alp Ari ; 2.01; 4250;occ; 110; 0;43486
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3; 10.9; 25-JUN-2010 02:06:41; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;43487
4; 400.3; 25-JUN-2010 02:13:10; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;43487
5; 521.4; 25-JUN-2010 02:15:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;43487
6; 700.1; 25-JUN-2010 02:18:10; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43487
7; 1248.8; 25-JUN-2010 02:27:19; Dark ; 44.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 88; 0;43487
8; 1333.6; 25-JUN-2010 02:28:44; Dark ; 48.5; 116; 19Del Sgr ; 2.70; 4100;occ; 97; 0;43487
9; 1462.7; 25-JUN-2010 02:30:53; Bright; 48.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 96; 0;43487
10; 1986.6; 25-JUN-2010 02:39:37; Bright; 40.5; 126; 60Bet Oph ; 2.77; 4250;occ; 81; 0;43487
11; 2129.9; 25-JUN-2010 02:42:00; Bright; 39.5; 59; 55Alp Oph ; 2.08; 8900;occ; 79; 0;43487
12; 2700.9; 25-JUN-2010 02:51:31; Bright; 50.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 100; 0;43487
13; 2826.6; 25-JUN-2010 02:53:37; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;43487
14; 3403.6; 25-JUN-2010 03:03:14; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43487
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2; -2114.5; 25-JUN-2010 03:11:52; Bright; 46.0; 68; 18Alp Cas ; 2.22; 4500;occ; 92; 0;43487
3; -1970.9; 25-JUN-2010 03:14:15; Bright; 33.5; 160; 23Gam Per ; 2.93; 4700;occ; 67; 0;43487
4; -1765.8; 25-JUN-2010 03:17:40; Bright; 45.5; 73; 57Gam1And ; 2.26; 13100;occ; 91; 0;43487
5; -1618.4; 25-JUN-2010 03:20:08; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43487
6; -1383.2; 25-JUN-2010 03:24:03; Dark ; 62.0; 50; 13Alp Ari ; 2.01; 4250;occ; 124; 0;43487
7; -602.7; 25-JUN-2010 03:37:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43487
8; -313.2; 25-JUN-2010 03:41:53; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;43487
9; 12.0; 25-JUN-2010 03:47:18; Dark ; 45.0; 84; Alp Phe ; 2.40; 4500;occ; 90; 0;43488
10; 401.2; 25-JUN-2010 03:53:47; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43488
11; 522.3; 25-JUN-2010 03:55:48; Dark ; 49.5; 31; Alp Gru ; 1.73; 15200;occ; 99; 0;43488
12; 700.5; 25-JUN-2010 03:58:47; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;43488
13; 1249.4; 25-JUN-2010 04:07:55; Dark ; 46.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 93; 0;43488
14; 1334.1; 25-JUN-2010 04:09:20; Dark ; 54.0; 116; 19Del Sgr ; 2.70; 4100;occ; 108; 0;43488
15; 1462.9; 25-JUN-2010 04:11:29; Bright; 50.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 101; 0;43488
16; 1986.8; 25-JUN-2010 04:20:13; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43488
17; 2130.0; 25-JUN-2010 04:22:36; Bright; 39.0; 59; 55Alp Oph ; 2.08; 8900;occ; 78; 0;43488
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19; 2826.3; 25-JUN-2010 04:34:12; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;43488
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 3; -1971.3; 25-JUN-2010 04:54:51; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43488
 4; -1765.8; 25-JUN-2010 04:58:16; Bright; 48.5; 73; 57Gam1And ; 2.26; 13100;occ; 97; 0;43488
 5; -1618.2; 25-JUN-2010 05:00:44; Dark ; 46.5; 173; 4Bet Tri ; 3.00; 8900;occ; 93; 0;43488
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 9; 12.9; 25-JUN-2010 05:27:55; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;43489
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 12; 701.3; 25-JUN-2010 05:39:23; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43489
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 14; 1333.9; 25-JUN-2010 05:49:56; Dark ; 47.0; 116; 19Del Sgr ; 2.70; 4100;occ; 94; 0;43489
 15; 1463.0; 25-JUN-2010 05:52:05; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43489
 16; 1986.8; 25-JUN-2010 06:00:49; Bright; 38.5; 126; 60Bet Oph ; 2.77; 4250;occ; 77; 0;43489
 17; 2129.7; 25-JUN-2010 06:03:12; Bright; 41.0; 59; 55Alp Oph ; 2.08; 8900;occ; 82; 0;43489
 18; 2699.6; 25-JUN-2010 06:12:42; Bright; 51.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 102; 0;43489
 19; 2826.0; 25-JUN-2010 06:14:48; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;43489
 20; 3402.4; 25-JUN-2010 06:24:24; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;43489

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 3; 1464.9; 25-JUN-2010 20:57:30; Bright; 48.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 97; 0;43498
 4; 1985.6; 25-JUN-2010 21:06:11; Bright; 39.5; 126; 60Bet Oph ; 2.77; 4250;occ; 79; 0;43498
 5; 2128.3; 25-JUN-2010 21:08:34; Bright; 40.5; 59; 55Alp Oph ; 2.08; 8900;occ; 81; 0;43498
 6; 2693.7; 25-JUN-2010 21:17:59; Bright; 47.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 94; 0;43498
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 12; 4269.8; 25-JUN-2010 21:44:15; Bright; 47.5; 73; 57Gam1And ; 2.26; 13100;occ; 95; 0;43498
 13; 4418.5; 25-JUN-2010 21:46:44; Dark ; 44.5; 173; 4Bet Tri ; 3.00; 8900;occ; 89; 0;43498
 14; 4656.0; 25-JUN-2010 21:50:42; Dark ; 57.5; 50; 13Alp Ari ; 2.01; 4250;occ; 115; 0;43498
 15; 4947.6; 25-JUN-2010 21:55:33; Dark ; 45.0; 94; 92Alp Cet ; 2.53; 3100;occ; 90; 0;43498

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 3; 411.9; 25-JUN-2010 22:20:33; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;43499
 4; 532.8; 25-JUN-2010 22:22:34; Dark ; 50.0; 31; Alp Gru ; 1.73; 15200;occ; 100; 0;43499
 5; 706.4; 25-JUN-2010 22:25:28; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43499
 6; 1252.6; 25-JUN-2010 22:34:34; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;43499
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 9; 1985.3; 25-JUN-2010 22:46:47; Bright; 40.0; 126; 60Bet Oph ; 2.77; 4250;occ; 80; 0;43499
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 8; 1465.2; 26-JUN-2010 00:18:43; Bright; 49.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 99; 0;43500
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21; 4677.7; 30-JUN-2010 22:34:10; Dark ; 56.5; 50; 13Alp Ari ; 2.01; 4250;occ; 113; 0;43570
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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100630_224751_000055652090_00430_43570_0354.N1
1; -537.3; 30-JUN-2010 22:47:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43570
2; 93.4; 30-JUN-2010 22:58:22; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43571
3; 482.4; 30-JUN-2010 23:04:51; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;43571
4; 599.4; 30-JUN-2010 23:06:48; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;43571
5; 743.3; 30-JUN-2010 23:09:12; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43571
6; 1313.5; 30-JUN-2010 23:18:42; Dark ; 47.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 95; 0;43571
7; 1480.0; 30-JUN-2010 23:21:28; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43571
8; 1982.2; 30-JUN-2010 23:29:51; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43571
9; 2121.7; 30-JUN-2010 23:32:10; Bright; 37.5; 59; 55Alp Oph ; 2.08; 8900;occ; 75; 0;43571
10; 2234.2; 30-JUN-2010 23:34:03; Bright; 50.5; 168; 17Zet Aql ; 2.99; 11000;occ; 101; 0;43571
11; 2653.4; 30-JUN-2010 23:41:02; Bright; 40.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 80; 0;43571
12; 2809.0; 30-JUN-2010 23:43:37; Bright; 40.0; 130; 23Bet Dra ; 2.80; 5800;occ; 80; 0;43571

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13;	2926.0;	30-JUN-2010	23:45:34;	Bright;	35.0;	144;	18Del Cyg	;	2.86;	11000;occ;	70;	0;43571	
14;	3346.2;	30-JUN-2010	23:52:35;	Bright;	47.5;	89;	5Alp Cep	;	2.45;	8000;occ;	95;	0;43571	
15;	3786.9;	30-JUN-2010	23:59:55;	Bright;	49.0;	74;	11Bet Cas	;	2.27;	6600;occ;	98;	0;43571	
16;	3888.2;	01-JUL-2010	00:01:37;	Bright;	51.0;	68;	18Alp Cas	;	2.22;	4500;occ;	102;	0;43571	
17;	4062.4;	01-JUL-2010	00:04:31;	Bright;	56.0;	160;	23Gam Per	;	2.93;	4700;occ;	112;	0;43571	
18;	4266.7;	01-JUL-2010	00:07:55;	Bright;	52.5;	73;	57Gam1And	;	2.26;	13100;occ;	105;	0;43571	
19;	4424.5;	01-JUL-2010	00:10:33;	Dark	;	49.5;	173;	4Bet Tri	;	3.00;	8900;occ;	99;	0;43571
20;	4678.0;	01-JUL-2010	00:14:46;	Dark	;	56.5;	50;	13Alp Ari	;	2.01;	4250;occ;	113;	0;43571
21;	4975.5;	01-JUL-2010	00:19:44;	Dark	;	52.5;	94;	92Alp Cet	;	2.53;	3100;occ;	105;	0;43571