

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 11:49:13
Data source version	GOMOS/6.01
Start time of products	11-06-2010 (11JUN2010 00:00:00)
Stop time of products	12-06-2010 (12JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	294
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100611_000159_000000492090_00145_43285_4119.N1	11-JUN-2010 00:01:59	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43285	No
2	GOM_NL__2PRFIN20100611_000339_000000402090_00145_43285_4120.N1	11-JUN-2010 00:03:39	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	43285	No
3	GOM_NL__2PRFIN20100611_000649_000000412090_00145_43285_4121.N1	11-JUN-2010 00:06:49	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43285	No
4	GOM_NL__2PRFIN20100611_001352_000000432090_00145_43285_4122.N1	11-JUN-2010 00:13:52	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43285	No
5	GOM_NL__2PRFIN20100611_002434_000000472090_00145_43285_4123.N1	11-JUN-2010 00:24:34	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43285	No
6	GOM_NL__2PRFIN20100611_003044_000000492090_00145_43285_4124.N1	11-JUN-2010 00:30:44	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43285	No
7	GOM_NL__2PRFIN20100611_003640_000000392090_00145_43285_4125.N1	11-JUN-2010 00:36:40	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43285	No
8	GOM_NL__2PRFIN20100611_003859_000000512090_00145_43285_4126.N1	11-JUN-2010 00:38:59	Twilight	51.000	53	43Bet And	2.0480	3300.0	102	43285	No
9	GOM_NL__2PRFIN20100611_004218_000000492090_00145_43285_4127.N1	11-JUN-2010 00:42:18	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	43285	No
10	GOM_NL__2PRFIN20100611_005708_000000522090_00145_43285_4128.N1	11-JUN-2010 00:57:08	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43285	No
11	GOM_NL__2PRFIN20100611_010335_000000452090_00145_43285_4129.N1	11-JUN-2010 01:03:35	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43285	No
12	GOM_NL__2PRFIN20100611_010724_000000302090_00146_43286_4117.N1	11-JUN-2010 01:07:24	Dark	30.000	18	24Alp PsA	1.1660	9700.0	60	43286	No
13	GOM_NL__2PRFIN20100611_010933_000000582090_00146_43286_4118.N1	11-JUN-2010 01:09:33	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	43286	No
14	GOM_NL__2PRFIN20100611_011134_000000492090_00146_43286_4119.N1	11-JUN-2010 01:11:34	Dark	49.000	31	Alp Gru	1.7340	15200.	98	43286	No
15	GOM_NL__2PRFIN20100611_011550_000000432090_00146_43286_4120.N1	11-JUN-2010 01:15:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43286	No
16	GOM_NL__2PRFIN20100611_012421_000000432090_00146_43286_4121.N1	11-JUN-2010 01:24:21	Straylight	43.000	40	The Sco	1.8590	7100.0	86	43286	No
17	GOM_NL__2PRFIN20100611_012605_000000472090_00146_43286_4122.N1	11-JUN-2010 01:26:05	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	43286	No
18	GOM_NL__2PRFIN20100611_012744_000000572090_00146_43286_4123.N1	11-JUN-2010 01:27:44	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	43286	No
19	GOM_NL__2PRFIN20100611_013255_000000422090_00146_43286_4124.N1	11-JUN-2010 01:32:55	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43286	No
20	GOM_NL__2PRFIN20100611_013440_000000392090_00146_43286_4125.N1	11-JUN-2010 01:34:40	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43286	No
21	GOM_NL__2PRFIN20100611_013957_000000482090_00146_43286_4126.N1	11-JUN-2010 01:39:57	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	43286	No
22	GOM_NL__2PRFIN20100611_014234_000000502090_00146_43286_4127.N1	11-JUN-2010 01:42:34	Bright	49.500	59	55Alp Oph	2.0800	8900.0	99	43286	No
23	GOM_NL__2PRFIN20100611_014415_000000562090_00146_43286_4128.N1	11-JUN-2010 01:44:15	Bright	56.000	127	27Bet Her	2.7810	4700.0	112	43286	No
24	GOM_NL__2PRFIN20100611_014724_000000402090_00146_43286_4129.N1	11-JUN-2010 01:47:24	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43286	No
25	GOM_NL__2PRFIN20100611_015428_000000422090_00146_43286_4130.N1	11-JUN-2010 01:54:28	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	43286	No
26	GOM_NL__2PRFIN20100611_020509_000000452090_00146_43286_4131.N1	11-JUN-2010 02:05:09	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43286	No
27	GOM_NL__2PRFIN20100611_021120_000000392090_00146_43286_4132.N1	11-JUN-2010 02:11:20	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	43286	No
28	GOM_NL__2PRFIN20100611_021715_000000392090_00146_43286_4133.N1	11-JUN-2010 02:17:15	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43286	No
29	GOM_NL__2PRFIN20100611_021935_000000572090_00146_43286_4134.N1	11-JUN-2010 02:19:35	Twilight	57.000	53	43Bet And	2.0480	3300.0	114	43286	No
30	GOM_NL__2PRFIN20100611_022254_000000492090_00146_43286_4135.N1	11-JUN-2010 02:22:54	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	43286	No
31	GOM_NL__2PRFIN20100611_023744_000000522090_00146_43286_4136.N1	11-JUN-2010 02:37:44	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43286	No
32	GOM_NL__2PRFIN20100611_024411_000000452090_00146_43286_4137.N1	11-JUN-2010 02:44:11	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43286	No
33	GOM_NL__2PRFIN20100611_024801_000000262090_00147_43287_4125.N1	11-JUN-2010 02:48:01	Dark	26.000	18	24Alp PsA	1.1660	9700.0	52	43287	No
34	GOM_NL__2PRFIN20100611_025010_000000492090_00147_43287_4126.N1	11-JUN-2010 02:50:10	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43287	No
35	GOM_NL__2PRFIN20100611_025211_000000512090_00147_43287_4127.N1	11-JUN-2010 02:52:11	Dark	50.500	31	Alp Gru	1.7340	15200.	101	43287	No
36	GOM_NL__2PRFIN20100611_025627_000000422090_00147_43287_4128.N1	11-JUN-2010 02:56:27	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43287	No
37	GOM_NL__2PRFIN20100611_030457_000000472090_00147_43287_4129.N1	11-JUN-2010 03:04:57	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43287	No
38	GOM_NL__2PRFIN20100611_030641_000000472090_00147_43287_4130.N1	11-JUN-2010 03:06:41	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	43287	No
39	GOM_NL__2PRFIN20100611_030821_000000622090_00147_43287_4131.N1	11-JUN-2010 03:08:21	Bright	62.000	57	34Sig Sgr	2.0660	26000.	124	43287	No
40	GOM_NL__2PRFIN20100611_031331_000000412090_00147_43287_4132.N1	11-JUN-2010 03:13:31	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43287	No
41	GOM_NL__2PRFIN20100611_031516_000000392090_00147_43287_4133.N1	11-JUN-2010 03:15:16	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43287	No
42	GOM_NL__2PRFIN20100611_032033_000000482090_00147_43287_4134.N1	11-JUN-2010 03:20:33	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	43287	No

43	GOM_NL__2PRFIN20100611_032310_000000472090_00147_43287_4135.N1	11-JUN-2010 03:23:10	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43287	No
44	GOM_NL__2PRFIN20100611_032451_000000392090_00147_43287_4136.N1	11-JUN-2010 03:24:51	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43287	No
45	GOM_NL__2PRFIN20100611_032800_000000402090_00147_43287_4137.N1	11-JUN-2010 03:28:00	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43287	No
46	GOM_NL__2PRFIN20100611_033503_000000422090_00147_43287_4138.N1	11-JUN-2010 03:35:03	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43287	No
47	GOM_NL__2PRFIN20100611_034545_000000492090_00147_43287_4139.N1	11-JUN-2010 03:45:45	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43287	No
48	GOM_NL__2PRFIN20100611_035155_000000402090_00147_43287_4140.N1	11-JUN-2010 03:51:55	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43287	No
49	GOM_NL__2PRFIN20100611_035751_000000392090_00147_43287_4141.N1	11-JUN-2010 03:57:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43287	No
50	GOM_NL__2PRFIN20100611_040011_000000542090_00147_43287_4142.N1	11-JUN-2010 04:00:11	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43287	No
51	GOM_NL__2PRFIN20100611_040330_000000512090_00147_43287_4143.N1	11-JUN-2010 04:03:30	Twilight	51.000	50	13Alp Ari	2.0070	4250.0	102	43287	No
52	GOM_NL__2PRFIN20100611_041821_000000522090_00147_43287_4144.N1	11-JUN-2010 04:18:21	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43287	No
53	GOM_NL__2PRFIN20100611_042448_000000422090_00147_43287_4145.N1	11-JUN-2010 04:24:48	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	43287	No
54	GOM_NL__2PRFIN20100611_042839_000000262090_00148_43288_4133.N1	11-JUN-2010 04:28:39	Dark	26.000	18	24Alp PsA	1.1660	9700.0	52	43288	No
55	GOM_NL__2PRFIN20100611_043046_000000552090_00148_43288_4134.N1	11-JUN-2010 04:30:46	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	43288	No
56	GOM_NL__2PRFIN20100611_043248_000000482090_00148_43288_4135.N1	11-JUN-2010 04:32:48	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43288	No
57	GOM_NL__2PRFIN20100611_043417_000000572090_00148_43288_4136.N1	11-JUN-2010 04:34:17	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43288	No
58	GOM_NL__2PRFIN20100611_043703_000000432090_00148_43288_4137.N1	11-JUN-2010 04:37:03	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43288	No
59	GOM_NL__2PRFIN20100611_044533_000000412090_00148_43288_4138.N1	11-JUN-2010 04:45:33	Straylight	40.500	40	The Sco	1.8590	7100.0	81	43288	No
60	GOM_NL__2PRFIN20100611_044718_000000442090_00148_43288_4139.N1	11-JUN-2010 04:47:18	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43288	No
61	GOM_NL__2PRFIN20100611_044857_000000602090_00148_43288_4140.N1	11-JUN-2010 04:48:57	Bright	59.500	57	34Sig Sgr	2.0660	26000.	119	43288	No
62	GOM_NL__2PRFIN20100611_045407_000000422090_00148_43288_4141.N1	11-JUN-2010 04:54:07	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43288	No
63	GOM_NL__2PRFIN20100611_045552_000000412090_00148_43288_4142.N1	11-JUN-2010 04:55:52	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	43288	No
64	GOM_NL__2PRFIN20100611_050109_000000492090_00148_43288_4143.N1	11-JUN-2010 05:01:09	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	43288	No
65	GOM_NL__2PRFIN20100611_050345_000000492090_00148_43288_4144.N1	11-JUN-2010 05:03:45	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43288	No
66	GOM_NL__2PRFIN20100611_050526_000000382090_00148_43288_4145.N1	11-JUN-2010 05:05:26	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43288	No
67	GOM_NL__2PRFIN20100611_050836_000000422090_00148_43288_4146.N1	11-JUN-2010 05:08:36	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43288	No
68	GOM_NL__2PRFIN20100611_051539_000000432090_00148_43288_4147.N1	11-JUN-2010 05:15:39	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	43288	No
69	GOM_NL__2PRFIN20100611_052620_000000482090_00148_43288_4148.N1	11-JUN-2010 05:26:20	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43288	No
70	GOM_NL__2PRFIN20100611_053231_000000402090_00148_43288_4149.N1	11-JUN-2010 05:32:31	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	43288	No
71	GOM_NL__2PRFIN20100611_053828_000000392090_00148_43288_4150.N1	11-JUN-2010 05:38:28	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43288	No
72	GOM_NL__2PRFIN20100611_054047_000000572090_00148_43288_4151.N1	11-JUN-2010 05:40:47	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	43288	No
73	GOM_NL__2PRFIN20100611_054406_000000482090_00148_43288_4152.N1	11-JUN-2010 05:44:06	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43288	No
74	GOM_NL__2PRFIN20100611_055858_000000542090_00148_43288_4153.N1	11-JUN-2010 05:58:58	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43288	No
75	GOM_NL__2PRFIN20100611_060525_000000482090_00148_43288_4154.N1	11-JUN-2010 06:05:25	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43288	No
76	GOM_NL__2PRFIN20100611_061124_000000632090_00149_43289_4141.N1	11-JUN-2010 06:11:24	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	43289	No
77	GOM_NL__2PRFIN20100611_061325_000000472090_00149_43289_4142.N1	11-JUN-2010 06:13:25	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43289	No
78	GOM_NL__2PRFIN20100611_061455_000000572090_00149_43289_4143.N1	11-JUN-2010 06:14:55	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43289	No
79	GOM_NL__2PRFIN20100611_061740_000000432090_00149_43289_4144.N1	11-JUN-2010 06:17:40	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43289	No
80	GOM_NL__2PRFIN20100611_062610_000000462090_00149_43289_4145.N1	11-JUN-2010 06:26:10	Straylight	45.500	40	The Sco	1.8590	7100.0	91	43289	No
81	GOM_NL__2PRFIN20100611_062754_000000452090_00149_43289_4146.N1	11-JUN-2010 06:27:54	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	43289	No
82	GOM_NL__2PRFIN20100611_062934_000000712090_00149_43289_4147.N1	11-JUN-2010 06:29:34	Bright	70.500	57	34Sig Sgr	2.0660	26000.	141	43289	No
83	GOM_NL__2PRFIN20100611_063443_000000412090_00149_43289_4148.N1	11-JUN-2010 06:34:43	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43289	No
84	GOM_NL__2PRFIN20100611_063628_000000382090_00149_43289_4149.N1	11-JUN-2010 06:36:28	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	43289	No
85	GOM_NL__2PRFIN20100611_064144_000000492090_00149_43289_4150.N1	11-JUN-2010 06:41:44	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	43289	No
86	GOM_NL__2PRFIN20100611_064421_000000492090_00149_43289_4151.N1	11-JUN-2010 06:44:21	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43289	No
87	GOM_NL__2PRFIN20100611_064602_000000382090_00149_43289_4152.N1	11-JUN-2010 06:46:02	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43289	No
88	GOM_NL__2PRFIN20100611_064911_000000382090_00149_43289_4153.N1	11-JUN-2010 06:49:11	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	43289	No
89	GOM_NL__2PRFIN20100611_065614_000000432090_00149_43289_4154.N1	11-JUN-2010 06:56:14	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	43289	No
90	GOM_NL__2PRFIN20100611_070655_000000482090_00149_43289_4155.N1	11-JUN-2010 07:06:55	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43289	No
91	GOM_NL__2PRFIN20100611_071307_000000582090_00149_43289_4156.N1	11-JUN-2010 07:13:07	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43289	No
92	GOM_NL__2PRFIN20100611_071904_000000392090_00149_43289_4157.N1	11-JUN-2010 07:19:04	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43289	No
93	GOM_NL__2PRFIN20100611_072123_000000532090_00149_43289_4158.N1	11-JUN-2010 07:21:23	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	43289	No
94	GOM_NL__2PRFIN20100611_072442_000000482090_00149_43289_4159.N1	11-JUN-2010 07:24:42	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	43289	No
95	GOM_NL__2PRFIN20100611_073935_000000512090_00149_43289_4160.N1	11-JUN-2010 07:39:35	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	43289	No
96	GOM_NL__2PRFIN20100611_074601_000000462090_00149_43289_4161.N1	11-JUN-2010 07:46:01	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	43289	No
97	GOM_NL__2PRFIN20100611_075200_000000632090_00150_43290_4149.N1	11-JUN-2010 07:52:00	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	43290	No
98	GOM_NL__2PRFIN20100611_075402_000000472090_00150_43290_4150.N1	11-JUN-2010 07:54:02	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43290	No
99	GOM_NL__2PRFIN20100611_075532_000000572090_00150_43290_4151.N1	11-JUN-2010 07:55:32	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43290	No
100	GOM_NL__2PRFIN20100611_075817_000000422090_00150_43290_4152.N1	11-JUN-2010 07:58:17	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43290	No
101	GOM_NL__2PRFIN20100611_080646_000000512090_00150_43290_4153.N1	11-JUN-2010 08:06:46	Straylight	51.000	40	The Sco	1.8590	7100.0	102	43290	No

102	GOM_NL__2PRFIN20100611_080831_000000442090_00150_43290_4154.N1	11-JUN-2010 08:08:31	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43290	No
103	GOM_NL__2PRFIN20100611_081010_000000582090_00150_43290_4155.N1	11-JUN-2010 08:10:10	Bright	57.500	57	34Sig Sgr	2.0660	26000.	115	43290	No
104	GOM_NL__2PRFIN20100611_081519_000000412090_00150_43290_4156.N1	11-JUN-2010 08:15:19	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43290	No
105	GOM_NL__2PRFIN20100611_081704_000000412090_00150_43290_4157.N1	11-JUN-2010 08:17:04	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	43290	No
106	GOM_NL__2PRFIN20100611_082219_000000492090_00150_43290_4158.N1	11-JUN-2010 08:22:19	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	43290	No
107	GOM_NL__2PRFIN20100611_082456_000000472090_00150_43290_4159.N1	11-JUN-2010 08:24:56	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43290	No
108	GOM_NL__2PRFIN20100611_082638_000000382090_00150_43290_4160.N1	11-JUN-2010 08:26:38	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43290	No
109	GOM_NL__2PRFIN20100611_082947_000000392090_00150_43290_4161.N1	11-JUN-2010 08:29:47	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43290	No
110	GOM_NL__2PRFIN20100611_083650_000000402090_00150_43290_4162.N1	11-JUN-2010 08:36:50	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	43290	No
111	GOM_NL__2PRFIN20100611_084731_000000492090_00150_43290_4163.N1	11-JUN-2010 08:47:31	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43290	No
112	GOM_NL__2PRFIN20100611_085342_000000542090_00150_43290_4164.N1	11-JUN-2010 08:53:42	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43290	No
113	GOM_NL__2PRFIN20100611_085940_000000392090_00150_43290_4165.N1	11-JUN-2010 08:59:40	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43290	No
114	GOM_NL__2PRFIN20100611_090159_000000542090_00150_43290_4166.N1	11-JUN-2010 09:01:59	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43290	No
115	GOM_NL__2PRFIN20100611_090519_000000462090_00150_43290_4167.N1	11-JUN-2010 09:05:19	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43290	No
116	GOM_NL__2PRFIN20100611_092012_000000522090_00150_43290_4168.N1	11-JUN-2010 09:20:12	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43290	No
117	GOM_NL__2PRFIN20100611_092638_000000422090_00150_43290_4169.N1	11-JUN-2010 09:26:38	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	43290	No
118	GOM_NL__2PRFIN20100611_093238_000000552090_00151_43291_4177.N1	11-JUN-2010 09:32:38	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	43291	No
119	GOM_NL__2PRFIN20100611_093439_000000462090_00151_43291_4178.N1	11-JUN-2010 09:34:39	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43291	No
120	GOM_NL__2PRFIN20100611_093610_000000562090_00151_43291_4179.N1	11-JUN-2010 09:36:10	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43291	No
121	GOM_NL__2PRFIN20100611_093854_000000452090_00151_43291_4180.N1	11-JUN-2010 09:38:54	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	43291	No
122	GOM_NL__2PRFIN20100611_094722_000000442090_00151_43291_4181.N1	11-JUN-2010 09:47:22	Straylight	44.000	40	The Sco	1.8590	7100.0	88	43291	No
123	GOM_NL__2PRFIN20100611_094907_000000472090_00151_43291_4182.N1	11-JUN-2010 09:49:07	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	43291	No
124	GOM_NL__2PRFIN20100611_095046_000000722090_00151_43291_4183.N1	11-JUN-2010 09:50:46	Bright	72.000	57	34Sig Sgr	2.0660	26000.	144	43291	No
125	GOM_NL__2PRFIN20100611_095555_000000422090_00151_43291_4184.N1	11-JUN-2010 09:55:55	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43291	No
126	GOM_NL__2PRFIN20100611_095740_000000392090_00151_43291_4185.N1	11-JUN-2010 09:57:40	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43291	No
127	GOM_NL__2PRFIN20100611_100255_000000692090_00151_43291_4186.N1	11-JUN-2010 10:02:55	Bright	69.000	126	60Bet Oph	2.7700	4250.0	138	43291	No
128	GOM_NL__2PRFIN20100611_100532_000000482090_00151_43291_4187.N1	11-JUN-2010 10:05:32	Bright	47.500	59	55Alp Oph	2.0800	8900.0	95	43291	No
129	GOM_NL__2PRFIN20100611_100714_000000402090_00151_43291_4188.N1	11-JUN-2010 10:07:14	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	43291	No
130	GOM_NL__2PRFIN20100611_101023_000000422090_00151_43291_4189.N1	11-JUN-2010 10:10:23	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43291	No
131	GOM_NL__2PRFIN20100611_101725_000000442090_00151_43291_4190.N1	11-JUN-2010 10:17:25	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43291	No
132	GOM_NL__2PRFIN20100611_102806_000000492090_00151_43291_4191.N1	11-JUN-2010 10:28:06	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43291	No
133	GOM_NL__2PRFIN20100611_103418_000000582090_00151_43291_4192.N1	11-JUN-2010 10:34:18	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43291	No
134	GOM_NL__2PRFIN20100611_104015_000000392090_00151_43291_4193.N1	11-JUN-2010 10:40:15	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43291	No
135	GOM_NL__2PRFIN20100611_104235_000000532090_00151_43291_4194.N1	11-JUN-2010 10:42:35	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	43291	No
136	GOM_NL__2PRFIN20100611_104555_000000362090_00151_43291_4195.N1	11-JUN-2010 10:45:55	Twilight	36.000	50	13Alp Ari	2.0070	4250.0	72	43291	No
137	GOM_NL__2PRFIN20100611_110048_000000552090_00151_43291_4196.N1	11-JUN-2010 11:00:48	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43291	No
138	GOM_NL__2PRFIN20100611_110715_000000452090_00151_43291_4197.N1	11-JUN-2010 11:07:15	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	43291	No
139	GOM_NL__2PRFIN20100611_111314_000000612090_00152_43292_4185.N1	11-JUN-2010 11:13:14	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	43292	No
140	GOM_NL__2PRFIN20100611_111515_000000472090_00152_43292_4186.N1	11-JUN-2010 11:15:15	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43292	No
141	GOM_NL__2PRFIN20100611_111647_000000562090_00152_43292_4187.N1	11-JUN-2010 11:16:47	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43292	No
142	GOM_NL__2PRFIN20100611_111930_000000432090_00152_43292_4188.N1	11-JUN-2010 11:19:30	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43292	No
143	GOM_NL__2PRFIN20100611_112758_000000452090_00152_43292_4189.N1	11-JUN-2010 11:27:58	Straylight	45.000	40	The Sco	1.8590	7100.0	90	43292	No
144	GOM_NL__2PRFIN20100611_112943_000000452090_00152_43292_4190.N1	11-JUN-2010 11:29:43	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	43292	No
145	GOM_NL__2PRFIN20100611_113123_000000572090_00152_43292_4191.N1	11-JUN-2010 11:31:23	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	43292	No
146	GOM_NL__2PRFIN20100611_113631_000000422090_00152_43292_4192.N1	11-JUN-2010 11:36:31	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43292	No
147	GOM_NL__2PRFIN20100611_113816_000000392090_00152_43292_4193.N1	11-JUN-2010 11:38:16	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43292	No
148	GOM_NL__2PRFIN20100611_114331_000000482090_00152_43292_4194.N1	11-JUN-2010 11:43:31	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	43292	No
149	GOM_NL__2PRFIN20100611_114607_000000452090_00152_43292_4195.N1	11-JUN-2010 11:46:07	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	43292	No
150	GOM_NL__2PRFIN20100611_114749_000000382090_00152_43292_4196.N1	11-JUN-2010 11:47:49	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43292	No
151	GOM_NL__2PRFIN20100611_115058_000000572090_00152_43292_4197.N1	11-JUN-2010 11:50:58	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	43292	No
152	GOM_NL__2PRFIN20100611_115800_000000452090_00152_43292_4198.N1	11-JUN-2010 11:58:00	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	43292	No
153	GOM_NL__2PRFIN20100611_121454_000000532090_00152_43292_4199.N1	11-JUN-2010 12:14:54	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	43292	No
154	GOM_NL__2PRFIN20100611_122051_000000392090_00152_43292_4200.N1	11-JUN-2010 12:20:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43292	No
155	GOM_NL__2PRFIN20100611_122311_000000542090_00152_43292_4201.N1	11-JUN-2010 12:23:11	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43292	No
156	GOM_NL__2PRFIN20100611_122631_000000492090_00152_43292_4202.N1	11-JUN-2010 12:26:31	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	43292	No
157	GOM_NL__2PRFIN20100611_124125_000000552090_00152_43292_4203.N1	11-JUN-2010 12:41:25	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43292	No
158	GOM_NL__2PRFIN20100611_124752_000000492090_00152_43292_4204.N1	11-JUN-2010 12:47:52	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43292	No
159	GOM_NL__2PRFIN20100611_125351_000000542090_00153_43293_4193.N1	11-JUN-2010 12:53:51	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	43293	No
160	GOM_NL__2PRFIN20100611_125552_000000482090_00153_43293_4194.N1	11-JUN-2010 12:55:52	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43293	No

161	GOM_NL__2PRFIN20100611_125724_000000572090_00153_43293_4195.N1	11-JUN-2010 12:57:24	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43293	No
162	GOM_NL__2PRFIN20100611_130006_000000422090_00153_43293_4196.N1	11-JUN-2010 13:00:06	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43293	No
163	GOM_NL__2PRFIN20100611_130835_000000422090_00153_43293_4197.N1	11-JUN-2010 13:08:35	Straylight	42.000	40	The Sco	1.8590	7100.0	84	43293	No
164	GOM_NL__2PRFIN20100611_131019_000000442090_00153_43293_4198.N1	11-JUN-2010 13:10:19	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43293	No
165	GOM_NL__2PRFIN20100611_131159_000000582090_00153_43293_4199.N1	11-JUN-2010 13:11:59	Bright	57.500	57	34Sig Sgr	2.0660	26000.	115	43293	No
166	GOM_NL__2PRFIN20100611_131707_000000422090_00153_43293_4200.N1	11-JUN-2010 13:17:07	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43293	No
167	GOM_NL__2PRFIN20100611_131852_000000382090_00153_43293_4201.N1	11-JUN-2010 13:18:52	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	43293	No
168	GOM_NL__2PRFIN20100611_132406_000000472090_00153_43293_4202.N1	11-JUN-2010 13:24:06	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	43293	No
169	GOM_NL__2PRFIN20100611_132643_000000472090_00153_43293_4203.N1	11-JUN-2010 13:26:43	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43293	No
170	GOM_NL__2PRFIN20100611_132825_000000372090_00153_43293_4204.N1	11-JUN-2010 13:28:25	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	43293	No
171	GOM_NL__2PRFIN20100611_133134_000000412090_00153_43293_4205.N1	11-JUN-2010 13:31:34	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43293	No
172	GOM_NL__2PRFIN20100611_133836_000000422090_00153_43293_4206.N1	11-JUN-2010 13:38:36	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43293	No
173	GOM_NL__2PRFIN20100611_134917_000000492090_00153_43293_4207.N1	11-JUN-2010 13:49:17	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43293	No
174	GOM_NL__2PRFIN20100611_135530_000000422090_00153_43293_4208.N1	11-JUN-2010 13:55:30	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	43293	No
175	GOM_NL__2PRFIN20100611_140128_000000392090_00153_43293_4209.N1	11-JUN-2010 14:01:28	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43293	No
176	GOM_NL__2PRFIN20100611_140347_000000522090_00153_43293_4210.N1	11-JUN-2010 14:03:47	Tw_i_and_stray	52.000	53	43Bet And	2.0480	3300.0	104	43293	No
177	GOM_NL__2PRFIN20100611_140707_000000472090_00153_43293_4211.N1	11-JUN-2010 14:07:07	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	43293	No
178	GOM_NL__2PRFIN20100611_142202_000000552090_00153_43293_4212.N1	11-JUN-2010 14:22:02	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43293	No
179	GOM_NL__2PRFIN20100611_142828_000000462090_00153_43293_4213.N1	11-JUN-2010 14:28:28	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	43293	No
180	GOM_NL__2PRFIN20100611_143428_000000492090_00154_43294_4201.N1	11-JUN-2010 14:34:28	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	43294	No
181	GOM_NL__2PRFIN20100611_143629_000000472090_00154_43294_4202.N1	11-JUN-2010 14:36:29	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43294	No
182	GOM_NL__2PRFIN20100611_143801_000000562090_00154_43294_4203.N1	11-JUN-2010 14:38:01	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43294	No
183	GOM_NL__2PRFIN20100611_144043_000000422090_00154_43294_4204.N1	11-JUN-2010 14:40:43	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43294	No
184	GOM_NL__2PRFIN20100611_145055_000000452090_00154_43294_4205.N1	11-JUN-2010 14:50:55	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	43294	No
185	GOM_NL__2PRFIN20100611_145235_000000692090_00154_43294_4206.N1	11-JUN-2010 14:52:35	Bright	68.500	57	34Sig Sgr	2.0660	26000.	137	43294	No
186	GOM_NL__2PRFIN20100611_145743_000000412090_00154_43294_4207.N1	11-JUN-2010 14:57:43	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43294	No
187	GOM_NL__2PRFIN20100611_145928_000000392090_00154_43294_4208.N1	11-JUN-2010 14:59:28	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43294	No
188	GOM_NL__2PRFIN20100611_150442_000000472090_00154_43294_4209.N1	11-JUN-2010 15:04:42	Bright	47.000	126	60Bet Oph	2.7700	4250.0	94	43294	No
189	GOM_NL__2PRFIN20100611_150718_000000472090_00154_43294_4210.N1	11-JUN-2010 15:07:18	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43294	No
190	GOM_NL__2PRFIN20100611_150901_000000392090_00154_43294_4211.N1	11-JUN-2010 15:09:01	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43294	No
191	GOM_NL__2PRFIN20100611_151210_000000402090_00154_43294_4212.N1	11-JUN-2010 15:12:10	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43294	No
192	GOM_NL__2PRFIN20100611_151911_000000422090_00154_43294_4213.N1	11-JUN-2010 15:19:11	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43294	No
193	GOM_NL__2PRFIN20100611_152952_000000492090_00154_43294_4214.N1	11-JUN-2010 15:29:52	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43294	No
194	GOM_NL__2PRFIN20100611_153605_000000582090_00154_43294_4215.N1	11-JUN-2010 15:36:05	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43294	No
195	GOM_NL__2PRFIN20100611_154204_000000552090_00154_43294_4216.N1	11-JUN-2010 15:42:04	Bright	55.000	73	57Gam1And	2.2600	13100.	110	43294	No
196	GOM_NL__2PRFIN20100611_154423_000000532090_00154_43294_4217.N1	11-JUN-2010 15:44:23	Tw_i_and_stray	53.000	53	43Bet And	2.0480	3300.0	106	43294	No
197	GOM_NL__2PRFIN20100611_154743_000000472090_00154_43294_4218.N1	11-JUN-2010 15:47:43	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	43294	No
198	GOM_NL__2PRFIN20100611_160239_000000522090_00154_43294_4219.N1	11-JUN-2010 16:02:39	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43294	No
199	GOM_NL__2PRFIN20100611_160905_000000522090_00154_43294_4220.N1	11-JUN-2010 16:09:05	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43294	No
200	GOM_NL__2PRFIN20100611_161505_000000492090_00155_43295_4209.N1	11-JUN-2010 16:15:05	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43295	No
201	GOM_NL__2PRFIN20100611_161707_000000492090_00155_43295_4210.N1	11-JUN-2010 16:17:07	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43295	No
202	GOM_NL__2PRFIN20100611_161839_000000582090_00155_43295_4211.N1	11-JUN-2010 16:18:39	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	43295	No
203	GOM_NL__2PRFIN20100611_162120_000000422090_00155_43295_4212.N1	11-JUN-2010 16:21:20	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43295	No
204	GOM_NL__2PRFIN20100611_163132_000000452090_00155_43295_4213.N1	11-JUN-2010 16:31:32	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	43295	No
205	GOM_NL__2PRFIN20100611_163312_000000592090_00155_43295_4214.N1	11-JUN-2010 16:33:12	Bright	59.000	57	34Sig Sgr	2.0660	26000.	118	43295	No
206	GOM_NL__2PRFIN20100611_163819_000000402090_00155_43295_4215.N1	11-JUN-2010 16:38:19	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43295	No
207	GOM_NL__2PRFIN20100611_164004_000000392090_00155_43295_4216.N1	11-JUN-2010 16:40:04	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43295	No
208	GOM_NL__2PRFIN20100611_164518_000000482090_00155_43295_4217.N1	11-JUN-2010 16:45:18	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	43295	No
209	GOM_NL__2PRFIN20100611_164754_000000482090_00155_43295_4218.N1	11-JUN-2010 16:47:54	Bright	48.000	59	55Alp Oph	2.0800	8900.0	96	43295	No
210	GOM_NL__2PRFIN20100611_164937_000000402090_00155_43295_4219.N1	11-JUN-2010 16:49:37	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	43295	No
211	GOM_NL__2PRFIN20100611_165245_000000402090_00155_43295_4220.N1	11-JUN-2010 16:52:45	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43295	No
212	GOM_NL__2PRFIN20100611_165947_000000442090_00155_43295_4221.N1	11-JUN-2010 16:59:47	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43295	No
213	GOM_NL__2PRFIN20100611_171027_000000492090_00155_43295_4222.N1	11-JUN-2010 17:10:27	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43295	No
214	GOM_NL__2PRFIN20100611_171641_000000392090_00155_43295_4223.N1	11-JUN-2010 17:16:41	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	43295	No
215	GOM_NL__2PRFIN20100611_172239_000000392090_00155_43295_4224.N1	11-JUN-2010 17:22:39	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43295	No
216	GOM_NL__2PRFIN20100611_172459_000000622090_00155_43295_4225.N1	11-JUN-2010 17:24:59	Tw_i_and_stray	61.500	53	43Bet And	2.0480	3300.0	123	43295	No
217	GOM_NL__2PRFIN20100611_172819_000000462090_00155_43295_4226.N1	11-JUN-2010 17:28:19	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43295	No
218	GOM_NL__2PRFIN20100611_174316_000000532090_00155_43295_4227.N1	11-JUN-2010 17:43:16	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	43295	No
219	GOM_NL__2PRFIN20100611_174941_000000502090_00155_43295_4228.N1	11-JUN-2010 17:49:41	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43295	No

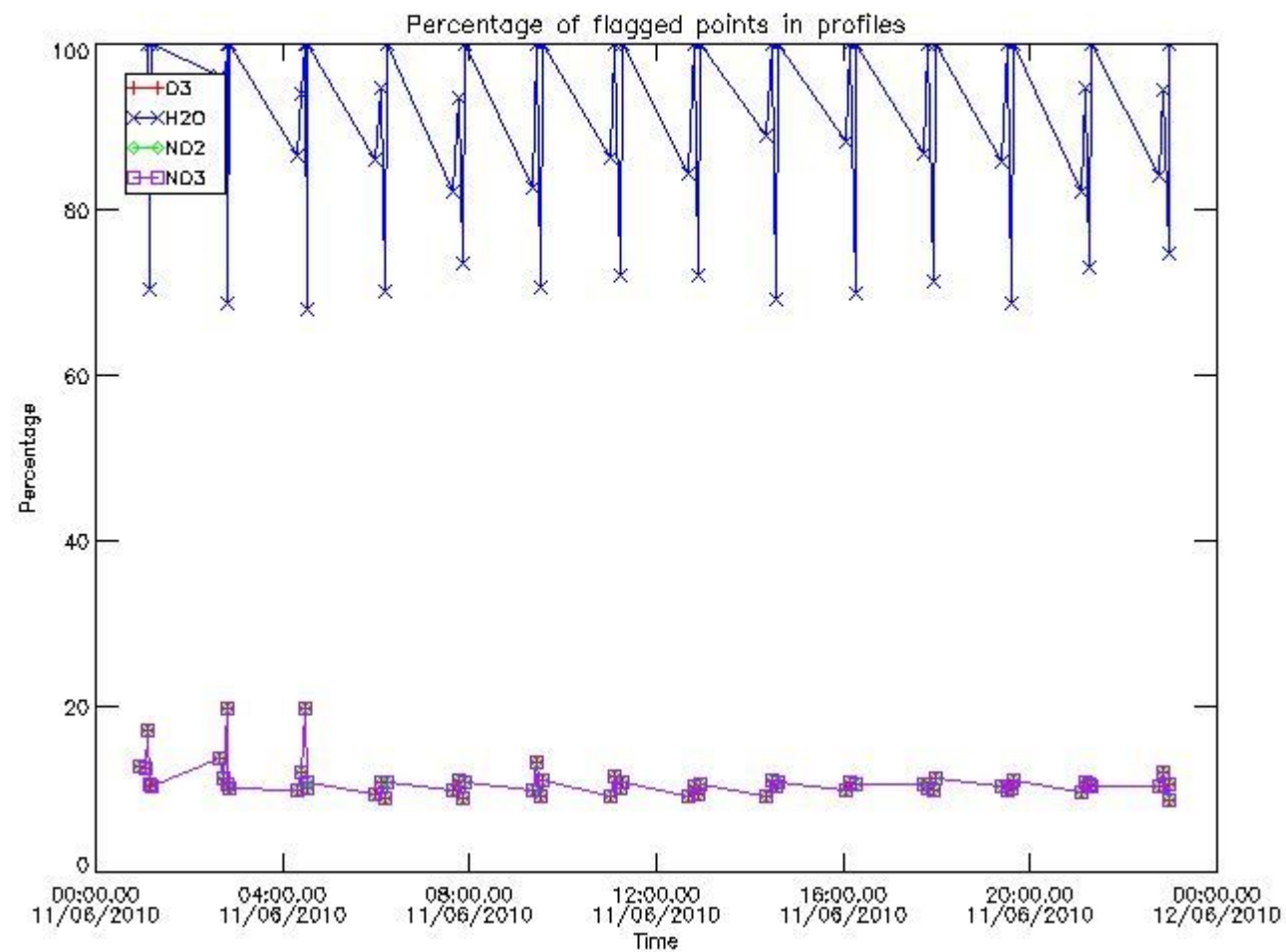
220	GOM_NL__2PRFIN20100611_175542_000000512090_00156_43296_4217.N1	11-JUN-2010 17:55:42	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	43296	No
221	GOM_NL__2PRFIN20100611_175744_000000502090_00156_43296_4218.N1	11-JUN-2010 17:57:44	Dark	49.500	31	Alp Gru	1.7340	15200.	99	43296	No
222	GOM_NL__2PRFIN20100611_175916_000000572090_00156_43296_4219.N1	11-JUN-2010 17:59:16	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43296	No
223	GOM_NL__2PRFIN20100611_180156_000000412090_00156_43296_4220.N1	11-JUN-2010 18:01:56	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43296	No
224	GOM_NL__2PRFIN20100611_181208_000000452090_00156_43296_4221.N1	11-JUN-2010 18:12:08	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	43296	No
225	GOM_NL__2PRFIN20100611_181348_000000762090_00156_43296_4222.N1	11-JUN-2010 18:13:48	Bright	76.000	57	34Sig Sgr	2.0660	26000.	152	43296	No
226	GOM_NL__2PRFIN20100611_181855_000000422090_00156_43296_4223.N1	11-JUN-2010 18:18:55	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43296	No
227	GOM_NL__2PRFIN20100611_182040_000000392090_00156_43296_4224.N1	11-JUN-2010 18:20:40	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43296	No
228	GOM_NL__2PRFIN20100611_182553_000000472090_00156_43296_4225.N1	11-JUN-2010 18:25:53	Bright	47.000	126	60Bet Oph	2.7700	4250.0	94	43296	No
229	GOM_NL__2PRFIN20100611_182830_000000492090_00156_43296_4226.N1	11-JUN-2010 18:28:30	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43296	No
230	GOM_NL__2PRFIN20100611_183013_000000392090_00156_43296_4227.N1	11-JUN-2010 18:30:13	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43296	No
231	GOM_NL__2PRFIN20100611_183321_000000382090_00156_43296_4228.N1	11-JUN-2010 18:33:21	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	43296	No
232	GOM_NL__2PRFIN20100611_184022_000000432090_00156_43296_4229.N1	11-JUN-2010 18:40:22	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43296	No
233	GOM_NL__2PRFIN20100611_185102_000000492090_00156_43296_4230.N1	11-JUN-2010 18:51:02	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43296	No
234	GOM_NL__2PRFIN20100611_185717_000000402090_00156_43296_4231.N1	11-JUN-2010 18:57:17	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43296	No
235	GOM_NL__2PRFIN20100611_190316_000000392090_00156_43296_4232.N1	11-JUN-2010 19:03:16	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43296	No
236	GOM_NL__2PRFIN20100611_190535_000000532090_00156_43296_4233.N1	11-JUN-2010 19:05:35	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	43296	No
237	GOM_NL__2PRFIN20100611_190856_000000502090_00156_43296_4234.N1	11-JUN-2010 19:08:56	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	43296	No
238	GOM_NL__2PRFIN20100611_192352_000000542090_00156_43296_4235.N1	11-JUN-2010 19:23:52	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43296	No
239	GOM_NL__2PRFIN20100611_193018_000000522090_00156_43296_4236.N1	11-JUN-2010 19:30:18	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43296	No
240	GOM_NL__2PRFIN20100611_193619_000000502090_00157_43297_4225.N1	11-JUN-2010 19:36:19	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	43297	No
241	GOM_NL__2PRFIN20100611_193820_000000462090_00157_43297_4226.N1	11-JUN-2010 19:38:20	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43297	No
242	GOM_NL__2PRFIN20100611_193953_000000572090_00157_43297_4227.N1	11-JUN-2010 19:39:53	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43297	No
243	GOM_NL__2PRFIN20100611_194233_000000432090_00157_43297_4228.N1	11-JUN-2010 19:42:33	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43297	No
244	GOM_NL__2PRFIN20100611_195244_000000452090_00157_43297_4229.N1	11-JUN-2010 19:52:44	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43297	No
245	GOM_NL__2PRFIN20100611_195425_000000612090_00157_43297_4230.N1	11-JUN-2010 19:54:25	Bright	60.500	57	34Sig Sgr	2.0660	26000.	121	43297	No
246	GOM_NL__2PRFIN20100611_195931_000000412090_00157_43297_4231.N1	11-JUN-2010 19:59:31	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43297	No
247	GOM_NL__2PRFIN20100611_200116_000000402090_00157_43297_4232.N1	11-JUN-2010 20:01:16	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	43297	No
248	GOM_NL__2PRFIN20100611_200629_000000482090_00157_43297_4233.N1	11-JUN-2010 20:06:29	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	43297	No
249	GOM_NL__2PRFIN20100611_200905_000000462090_00157_43297_4234.N1	11-JUN-2010 20:09:05	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	43297	No
250	GOM_NL__2PRFIN20100611_201048_000000392090_00157_43297_4235.N1	11-JUN-2010 20:10:48	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43297	No
251	GOM_NL__2PRFIN20100611_201357_000000422090_00157_43297_4236.N1	11-JUN-2010 20:13:57	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43297	No
252	GOM_NL__2PRFIN20100611_202058_000000432090_00157_43297_4237.N1	11-JUN-2010 20:20:58	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43297	No
253	GOM_NL__2PRFIN20100611_203137_000000482090_00157_43297_4238.N1	11-JUN-2010 20:31:37	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43297	No
254	GOM_NL__2PRFIN20100611_203752_000000402090_00157_43297_4239.N1	11-JUN-2010 20:37:52	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43297	No
255	GOM_NL__2PRFIN20100611_204351_000000392090_00157_43297_4240.N1	11-JUN-2010 20:43:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43297	No
256	GOM_NL__2PRFIN20100611_204611_000000592090_00157_43297_4241.N1	11-JUN-2010 20:46:11	Twilight	58.500	53	43Bet And	2.0480	3300.0	117	43297	No
257	GOM_NL__2PRFIN20100611_204931_000000552090_00157_43297_4242.N1	11-JUN-2010 20:49:31	Twilight	54.500	50	13Alp Ari	2.0070	4250.0	109	43297	No
258	GOM_NL__2PRFIN20100611_210429_000000542090_00157_43297_4243.N1	11-JUN-2010 21:04:29	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43297	No
259	GOM_NL__2PRFIN20100611_211055_000000472090_00157_43297_4244.N1	11-JUN-2010 21:10:55	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	43297	No
260	GOM_NL__2PRFIN20100611_211656_000000492090_00158_43298_4233.N1	11-JUN-2010 21:16:56	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43298	No
261	GOM_NL__2PRFIN20100611_211857_000000492090_00158_43298_4234.N1	11-JUN-2010 21:18:57	Dark	49.000	31	Alp Gru	1.7340	15200.	98	43298	No
262	GOM_NL__2PRFIN20100611_212031_000000562090_00158_43298_4235.N1	11-JUN-2010 21:20:31	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43298	No
263	GOM_NL__2PRFIN20100611_212309_000000422090_00158_43298_4236.N1	11-JUN-2010 21:23:09	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43298	No
264	GOM_NL__2PRFIN20100611_213320_000000442090_00158_43298_4237.N1	11-JUN-2010 21:33:20	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43298	No
265	GOM_NL__2PRFIN20100611_213501_000000642090_00158_43298_4238.N1	11-JUN-2010 21:35:01	Bright	63.500	57	34Sig Sgr	2.0660	26000.	127	43298	No
266	GOM_NL__2PRFIN20100611_214007_000000422090_00158_43298_4239.N1	11-JUN-2010 21:40:07	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43298	No
267	GOM_NL__2PRFIN20100611_214152_000000392090_00158_43298_4240.N1	11-JUN-2010 21:41:52	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43298	No
268	GOM_NL__2PRFIN20100611_214704_000000482090_00158_43298_4241.N1	11-JUN-2010 21:47:04	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	43298	No
269	GOM_NL__2PRFIN20100611_214941_000000462090_00158_43298_4242.N1	11-JUN-2010 21:49:41	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	43298	No
270	GOM_NL__2PRFIN20100611_215124_000000382090_00158_43298_4243.N1	11-JUN-2010 21:51:24	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43298	No
271	GOM_NL__2PRFIN20100611_215432_000000402090_00158_43298_4244.N1	11-JUN-2010 21:54:32	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43298	No
272	GOM_NL__2PRFIN20100611_220133_000000432090_00158_43298_4245.N1	11-JUN-2010 22:01:33	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43298	No
273	GOM_NL__2PRFIN20100611_221213_000000462090_00158_43298_4246.N1	11-JUN-2010 22:12:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43298	No
274	GOM_NL__2PRFIN20100611_221828_000000412090_00158_43298_4247.N1	11-JUN-2010 22:18:28	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	43298	No
275	GOM_NL__2PRFIN20100611_222428_000000392090_00158_43298_4248.N1	11-JUN-2010 22:24:28	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43298	No
276	GOM_NL__2PRFIN20100611_222647_000000522090_00158_43298_4249.N1	11-JUN-2010 22:26:47	Twilight	52.000	53	43Bet And	2.0480	3300.0	104	43298	No
277	GOM_NL__2PRFIN20100611_223008_000000462090_00158_43298_4250.N1	11-JUN-2010 22:30:08	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	43298	No
278	GOM_NL__2PRFIN20100611_224506_000000542090_00158_43298_4251.N1	11-JUN-2010 22:45:06	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43298	No

279	GOM_NL__2PRFIN20100611_225131_000000472090_00158_43298_4252.N1	11-JUN-2010 22:51:31	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43298	No
280	GOM_NL__2PRFIN20100611_225732_000000602090_00159_43299_4241.N1	11-JUN-2010 22:57:32	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	43299	No
281	GOM_NL__2PRFIN20100611_225934_000000482090_00159_43299_4242.N1	11-JUN-2010 22:59:34	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43299	No
282	GOM_NL__2PRFIN20100611_230108_000000562090_00159_43299_4243.N1	11-JUN-2010 23:01:08	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43299	No
283	GOM_NL__2PRFIN20100611_230346_000000442090_00159_43299_4244.N1	11-JUN-2010 23:03:46	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	43299	No
284	GOM_NL__2PRFIN20100611_231356_000000452090_00159_43299_4245.N1	11-JUN-2010 23:13:56	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	43299	No
285	GOM_NL__2PRFIN20100611_231537_000000612090_00159_43299_4246.N1	11-JUN-2010 23:15:37	Bright	60.500	57	34Sig Sgr	2.0660	26000.	121	43299	No
286	GOM_NL__2PRFIN20100611_232043_000000422090_00159_43299_4247.N1	11-JUN-2010 23:20:43	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43299	No
287	GOM_NL__2PRFIN20100611_232228_000000392090_00159_43299_4248.N1	11-JUN-2010 23:22:28	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43299	No
288	GOM_NL__2PRFIN20100611_232740_000000492090_00159_43299_4249.N1	11-JUN-2010 23:27:40	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	43299	No
289	GOM_NL__2PRFIN20100611_233016_000000502090_00159_43299_4250.N1	11-JUN-2010 23:30:16	Bright	49.500	59	55Alp Oph	2.0800	8900.0	99	43299	No
290	GOM_NL__2PRFIN20100611_233200_000000392090_00159_43299_4251.N1	11-JUN-2010 23:32:00	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43299	No
291	GOM_NL__2PRFIN20100611_233508_000000402090_00159_43299_4252.N1	11-JUN-2010 23:35:08	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43299	No
292	GOM_NL__2PRFIN20100611_234208_000000442090_00159_43299_4253.N1	11-JUN-2010 23:42:08	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	43299	No
293	GOM_NL__2PRFIN20100611_235248_000000492090_00159_43299_4254.N1	11-JUN-2010 23:52:48	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43299	No
294	GOM_NL__2PRFIN20100611_235904_000000562090_00159_43299_4255.N1	11-JUN-2010 23:59:04	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	43299	No

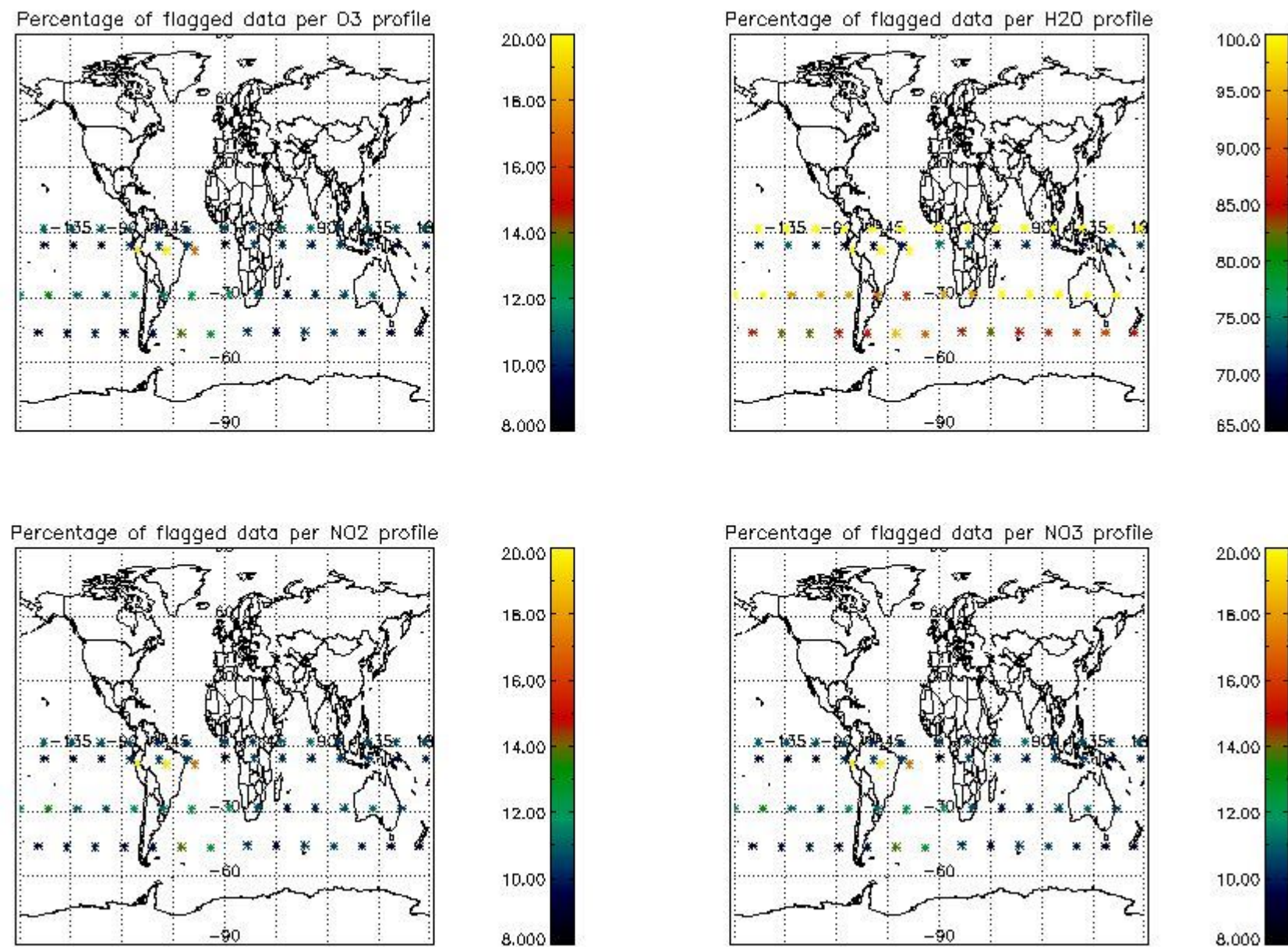
3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

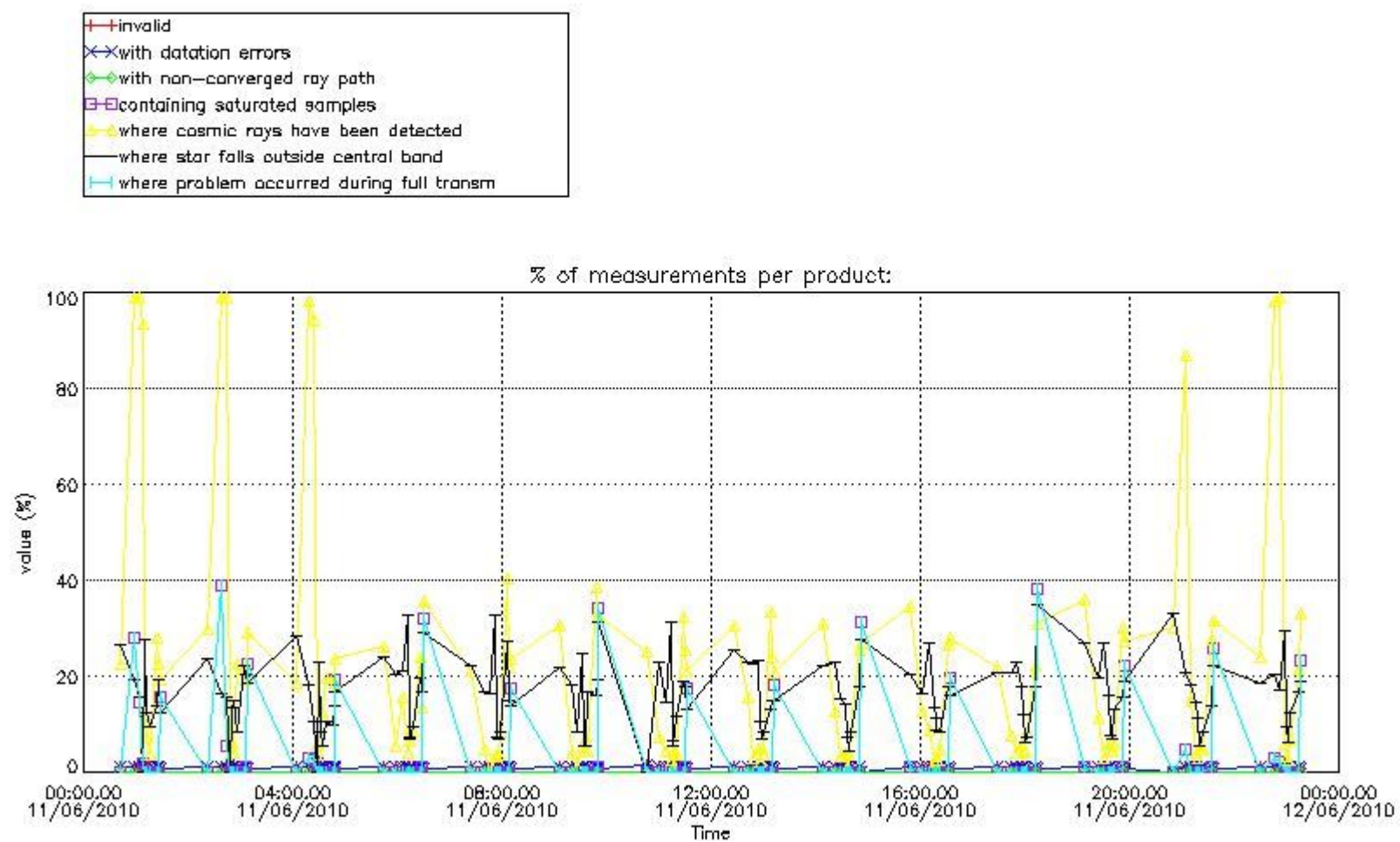


4. Level 1 quality information per product

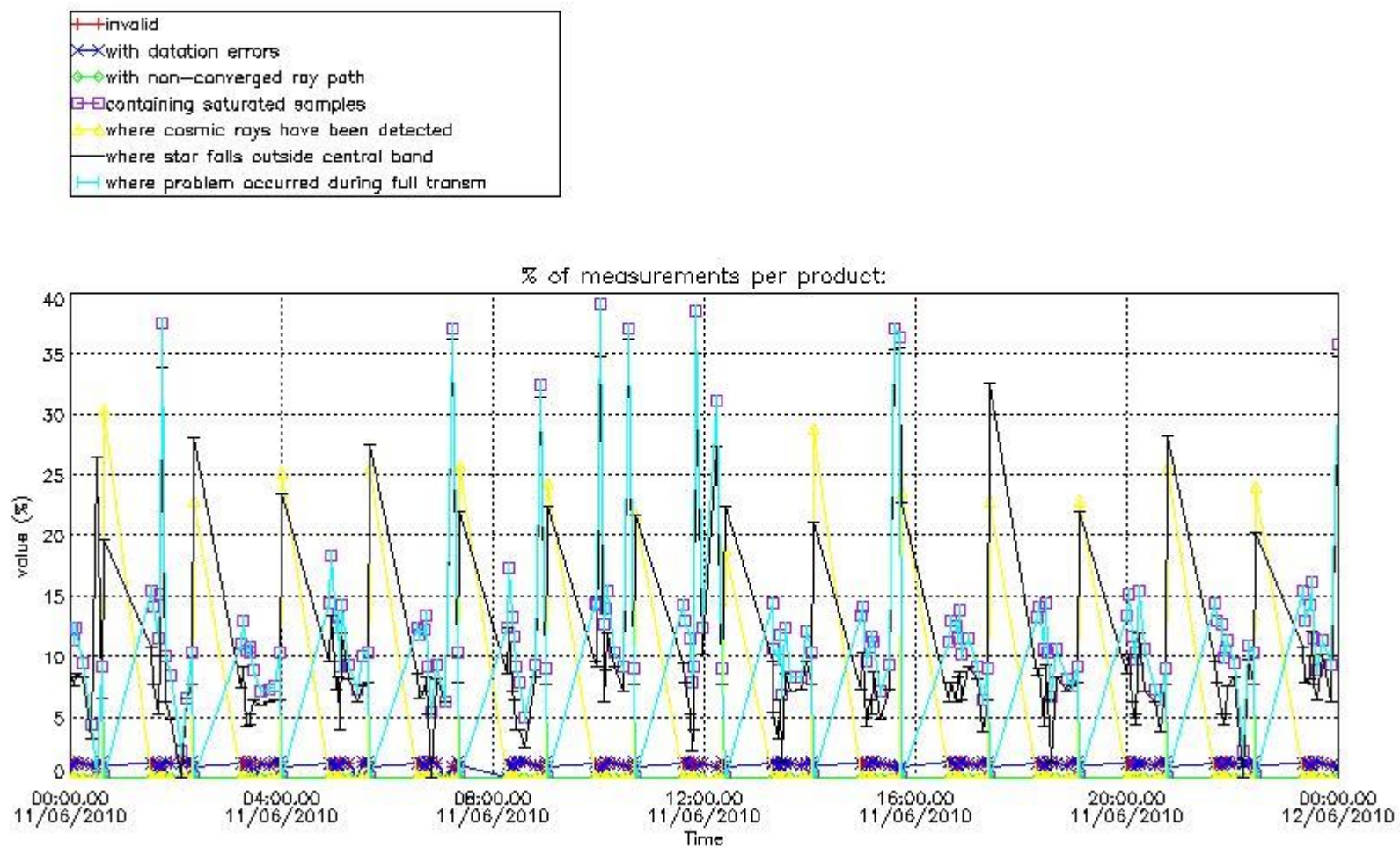
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



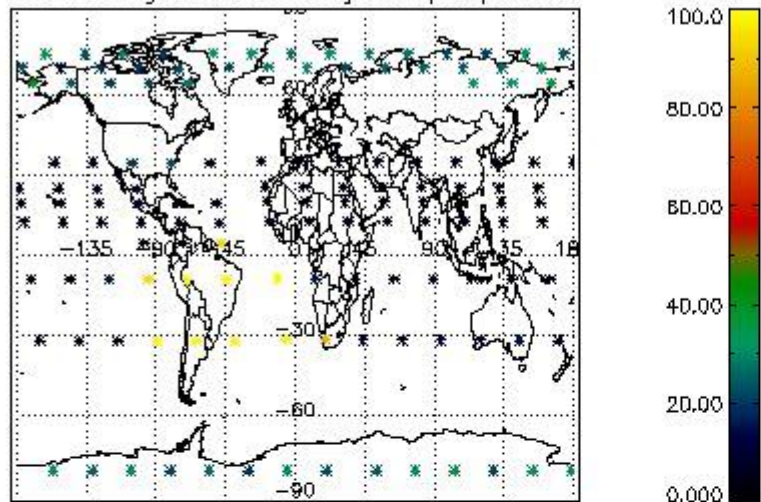
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



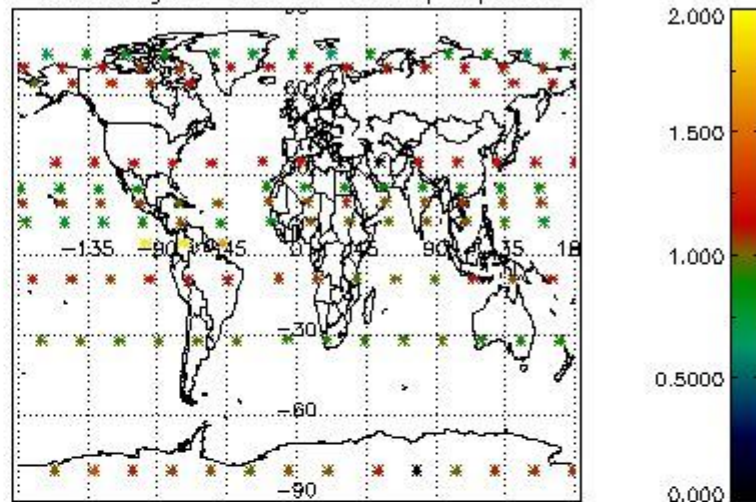
4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

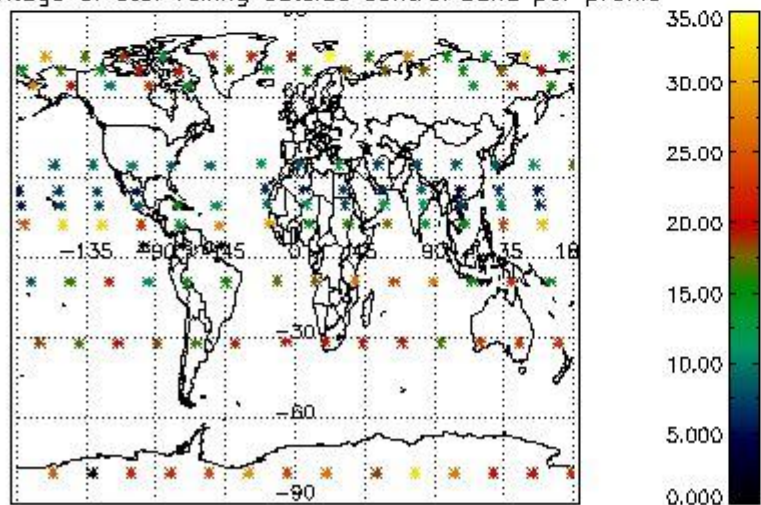
Percentage of cosmic ray hits per profile



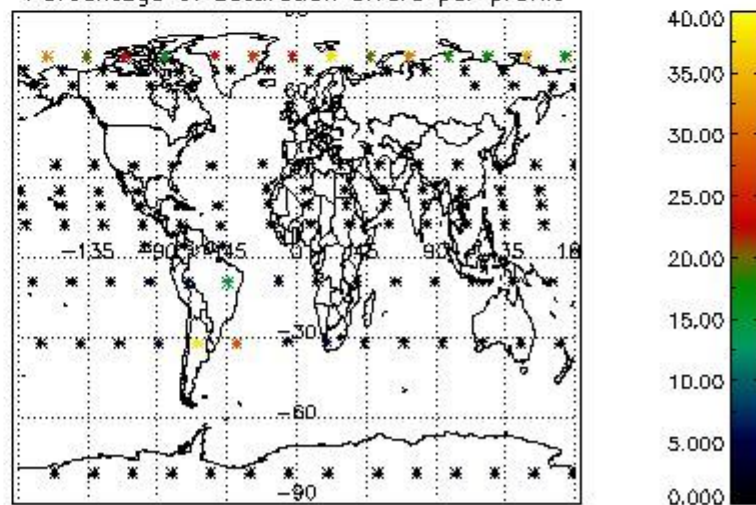
Percentage of datation errors per profile



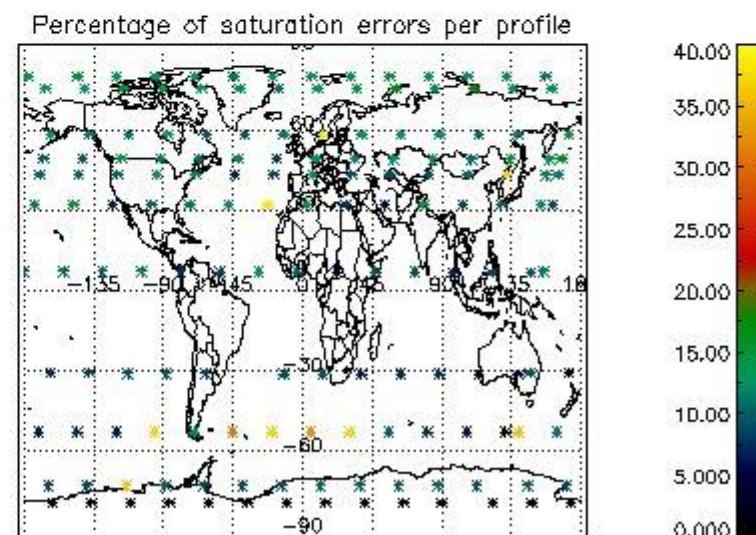
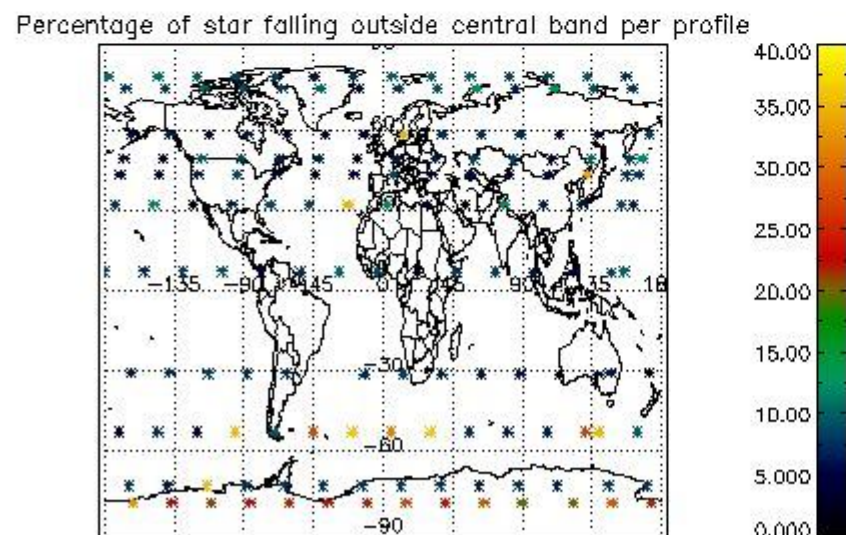
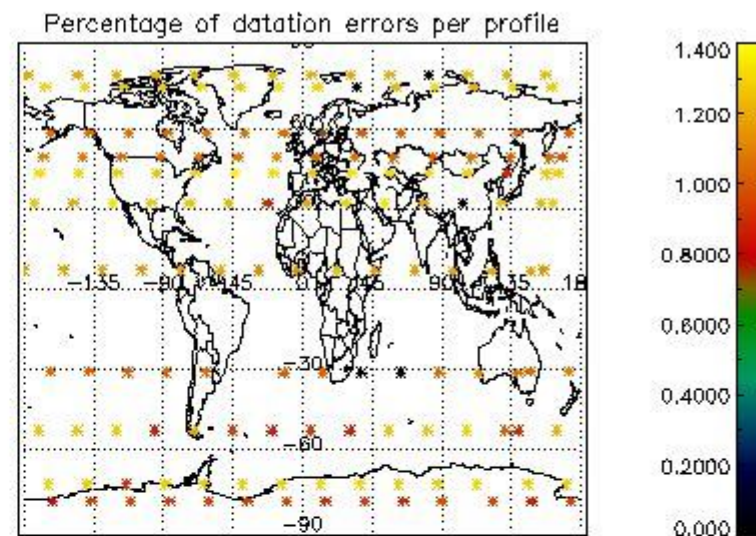
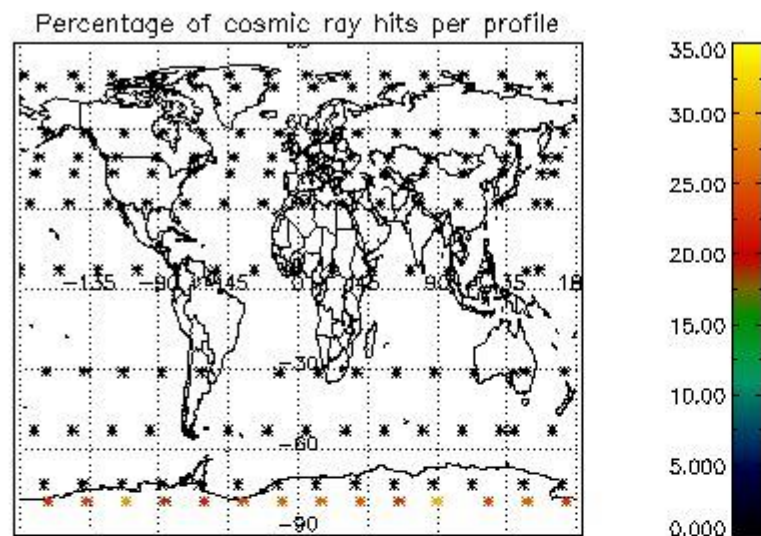
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

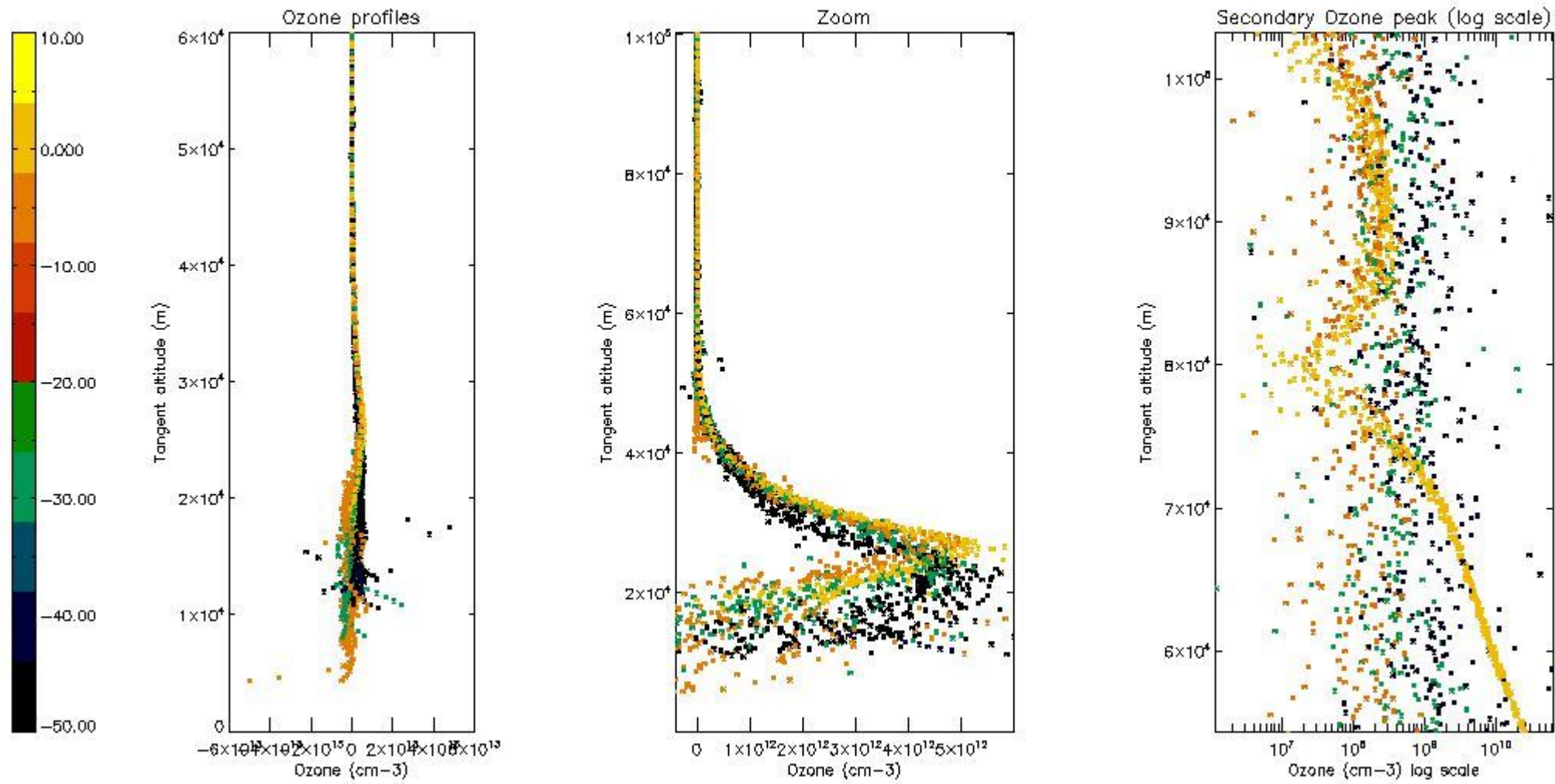
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	7

STD < 10	4
STD < 5	3

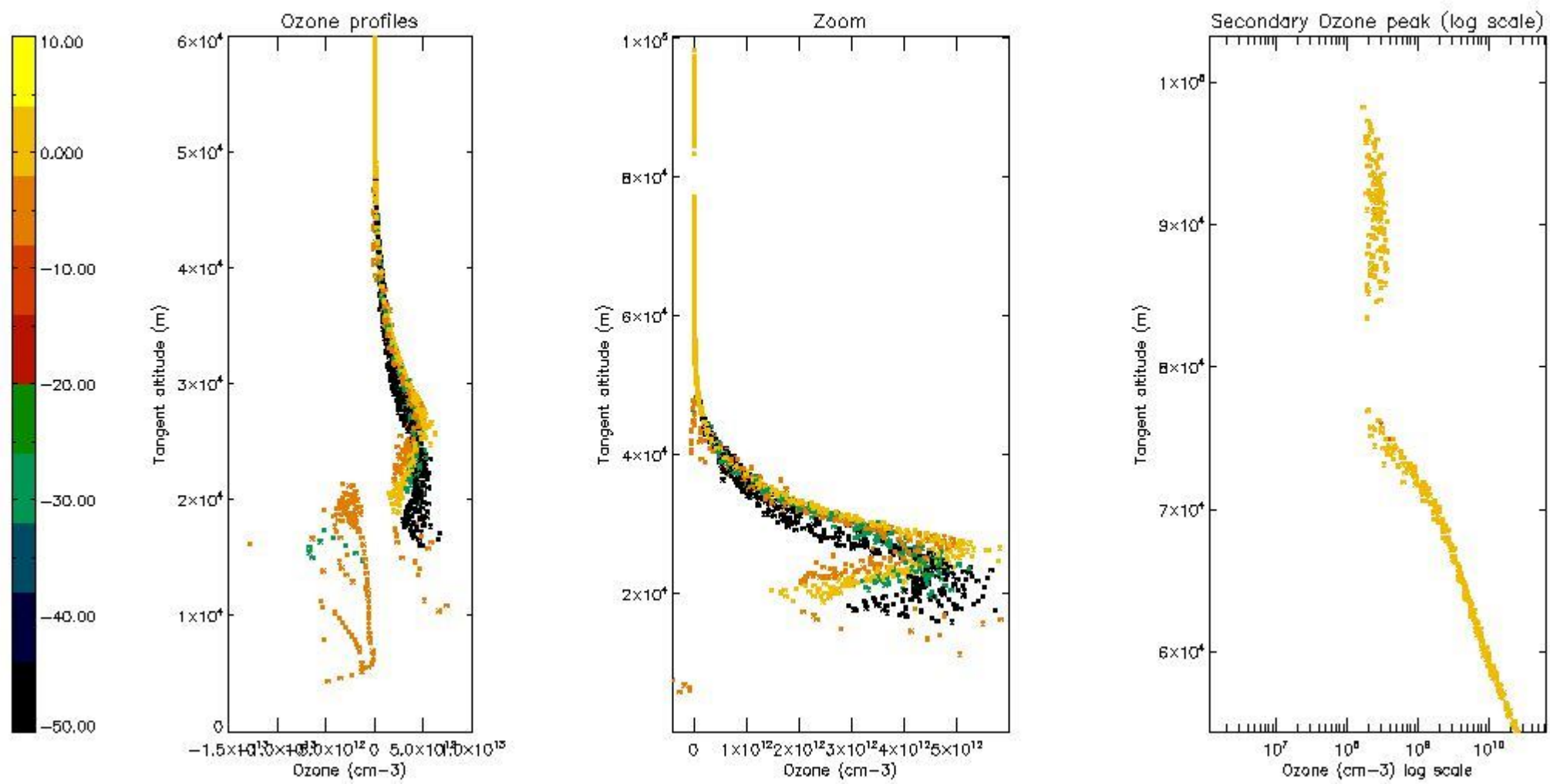
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



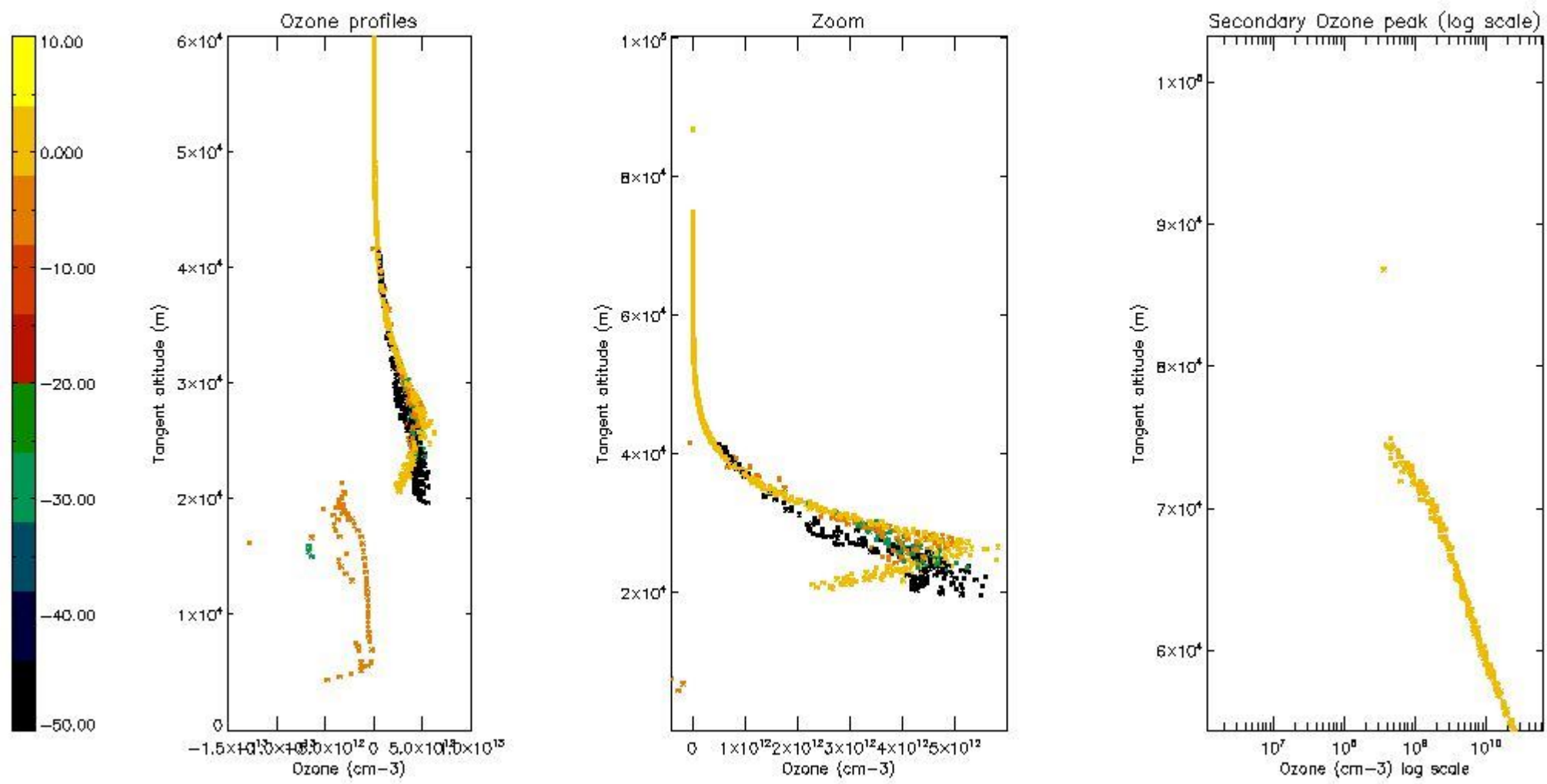
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



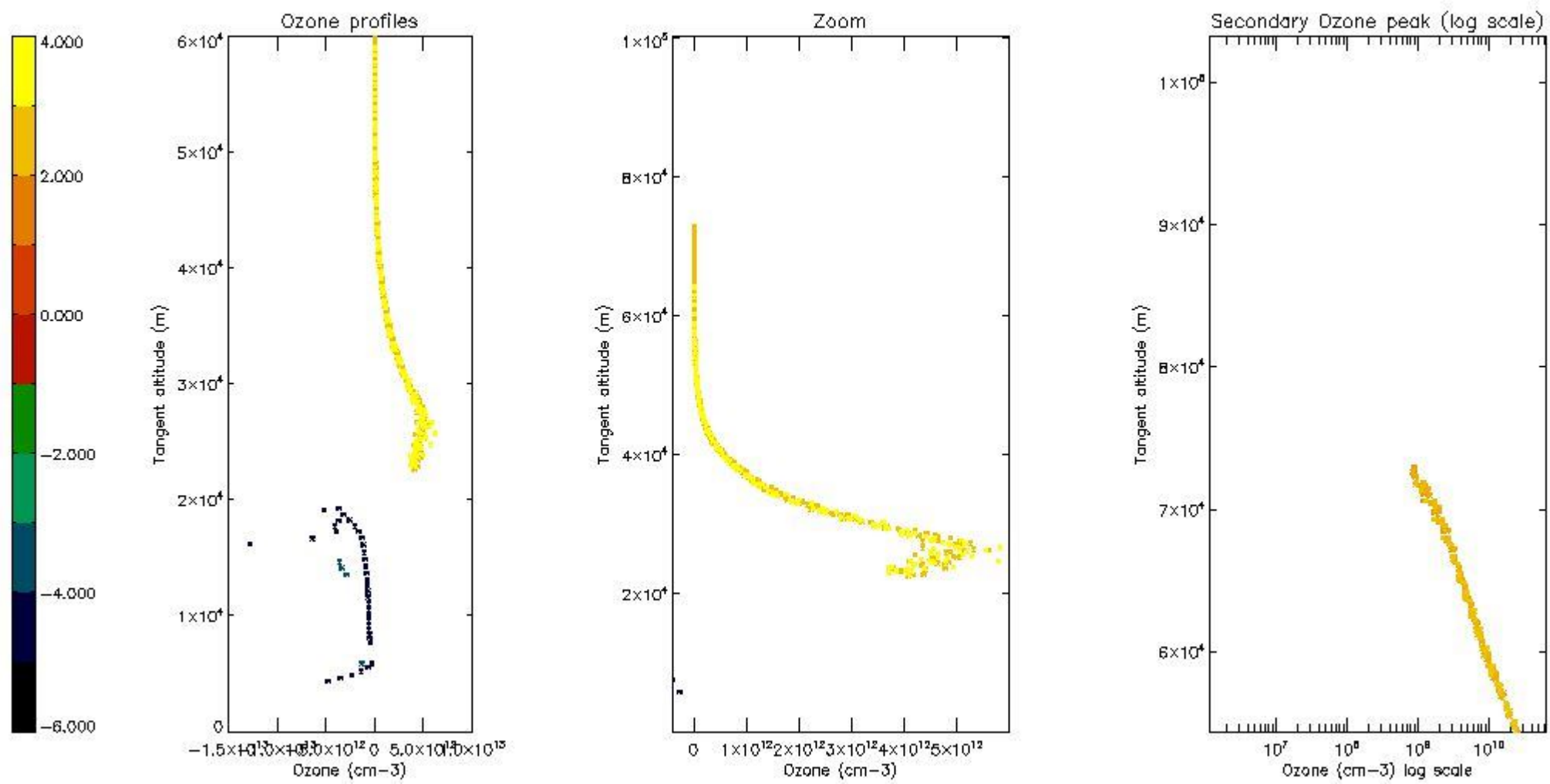
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



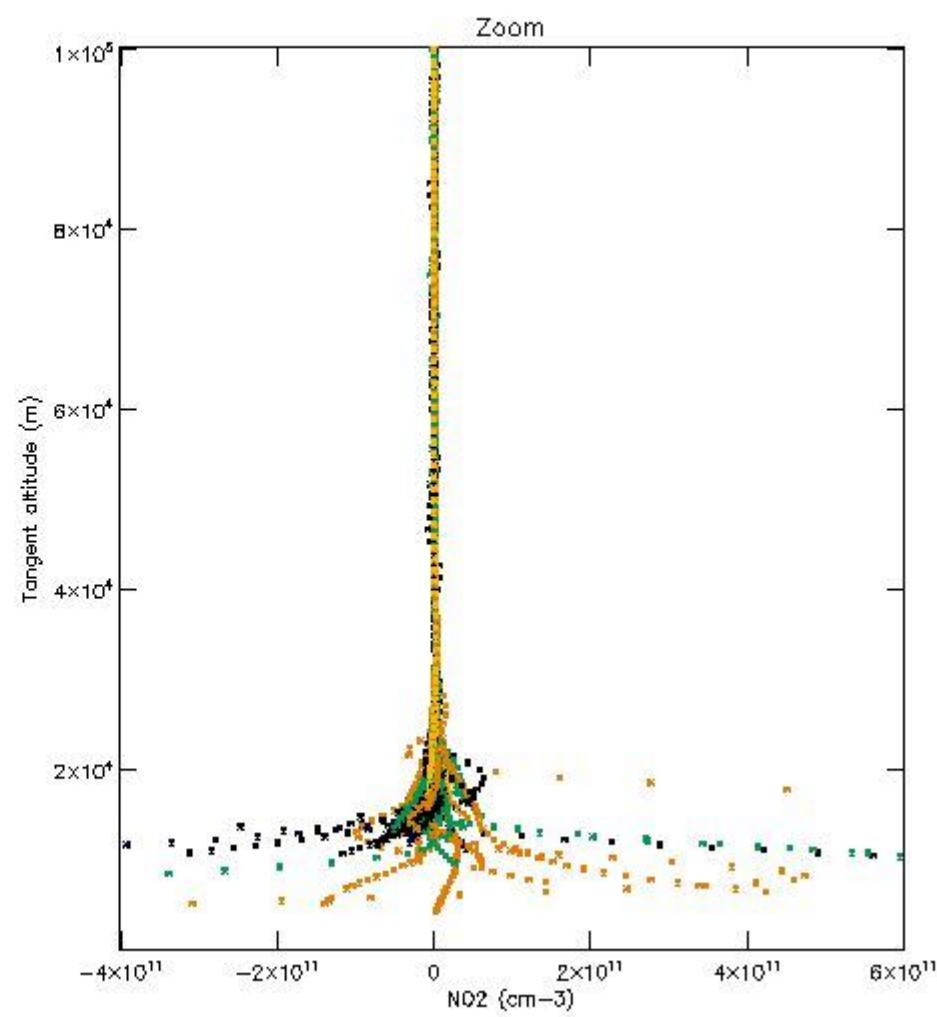
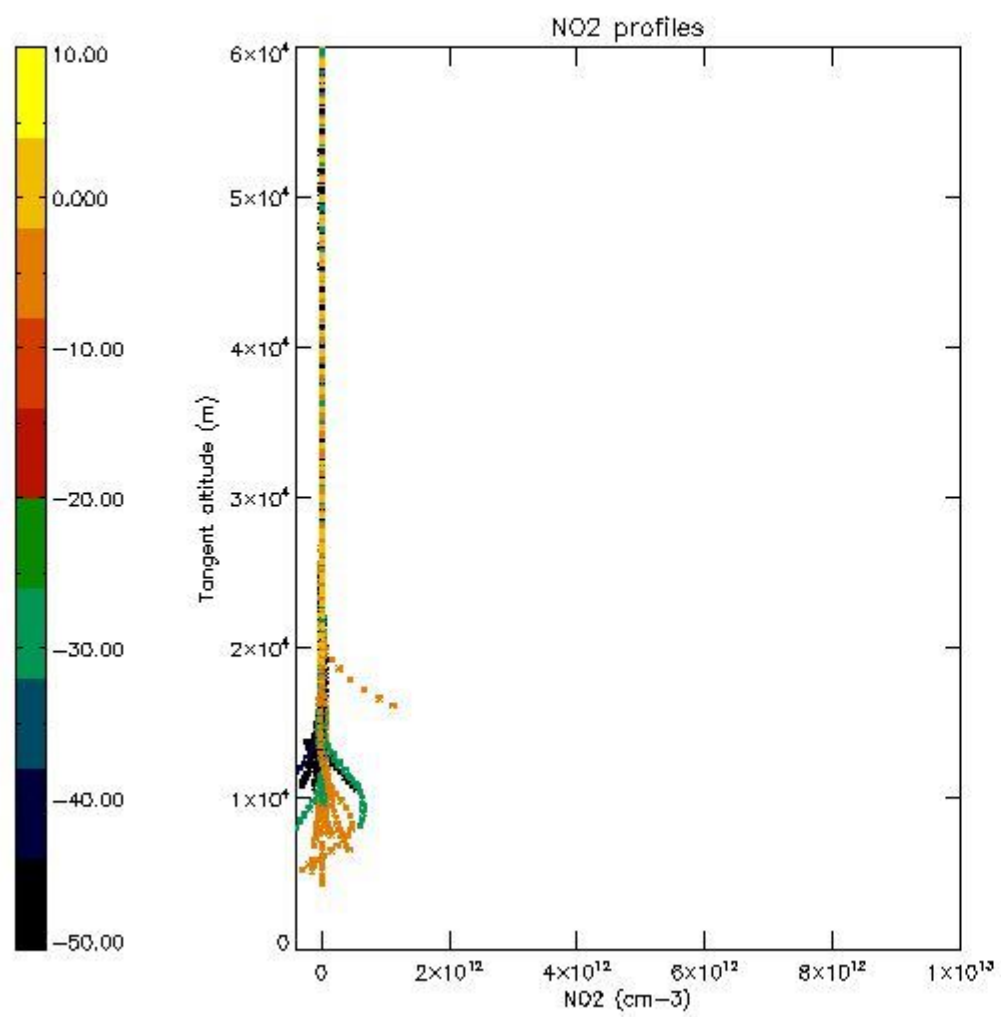
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



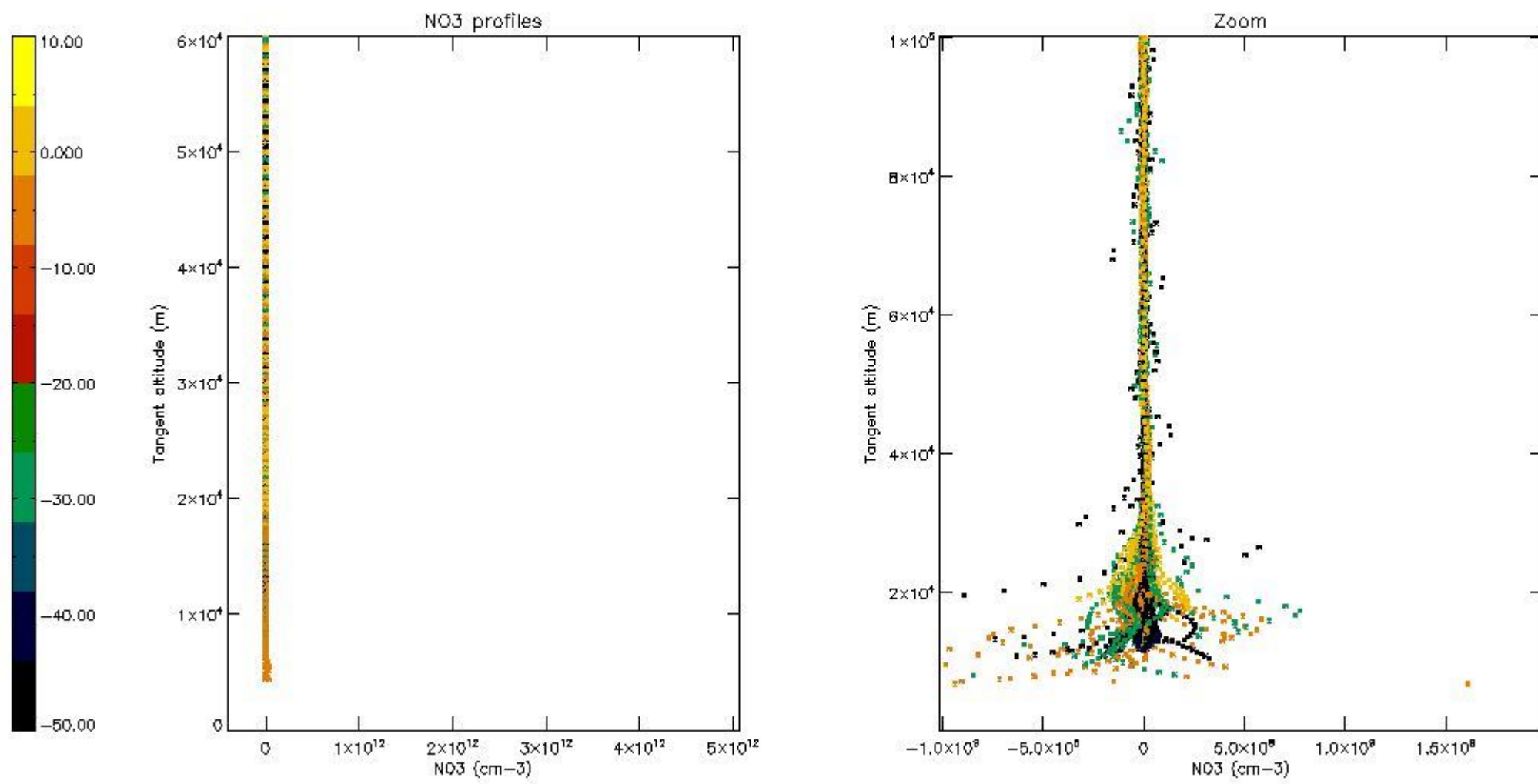
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



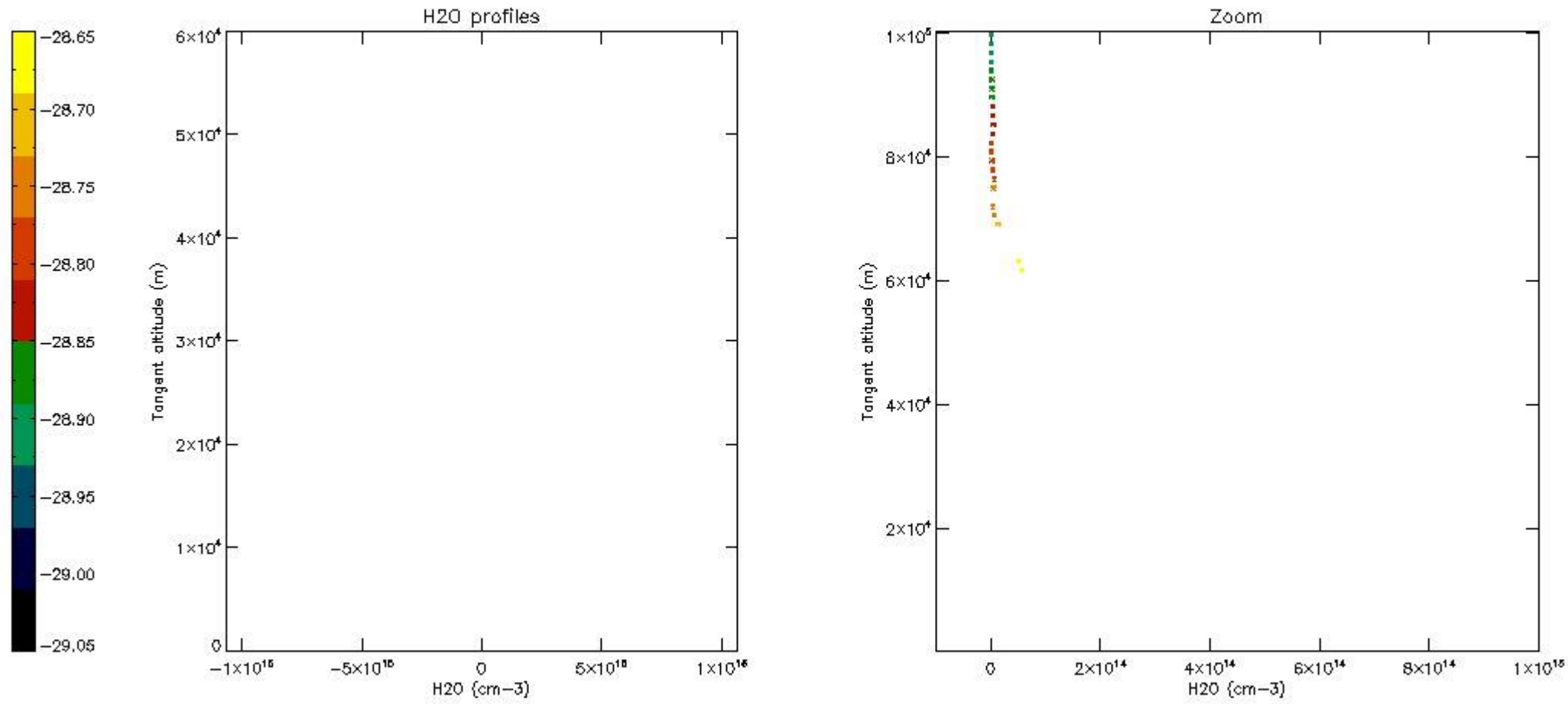
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.



6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUN-2010 00:01:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2010 00:01:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2010 00:01:59

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

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[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

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[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

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[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 11:49:13
Data source version	GOMOS/6.01
Start time of products	11-06-2010 (11JUN2010 00:00:00)
Stop time of products	12-06-2010 (12JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	294
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100611_000159_000000492090_00145_43285_4119.N1	11-JUN-2010 00:01:59	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43285	No
2	GOM_NL__2PRFIN20100611_000339_000000402090_00145_43285_4120.N1	11-JUN-2010 00:03:39	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	43285	No
3	GOM_NL__2PRFIN20100611_000649_000000412090_00145_43285_4121.N1	11-JUN-2010 00:06:49	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43285	No
4	GOM_NL__2PRFIN20100611_001352_000000432090_00145_43285_4122.N1	11-JUN-2010 00:13:52	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43285	No
5	GOM_NL__2PRFIN20100611_002434_000000472090_00145_43285_4123.N1	11-JUN-2010 00:24:34	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43285	No
6	GOM_NL__2PRFIN20100611_003044_000000492090_00145_43285_4124.N1	11-JUN-2010 00:30:44	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43285	No
7	GOM_NL__2PRFIN20100611_003640_000000392090_00145_43285_4125.N1	11-JUN-2010 00:36:40	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43285	No
8	GOM_NL__2PRFIN20100611_003859_000000512090_00145_43285_4126.N1	11-JUN-2010 00:38:59	Twilight	51.000	53	43Bet And	2.0480	3300.0	102	43285	No
9	GOM_NL__2PRFIN20100611_004218_000000492090_00145_43285_4127.N1	11-JUN-2010 00:42:18	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	43285	No
10	GOM_NL__2PRFIN20100611_005708_000000522090_00145_43285_4128.N1	11-JUN-2010 00:57:08	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43285	No
11	GOM_NL__2PRFIN20100611_010335_000000452090_00145_43285_4129.N1	11-JUN-2010 01:03:35	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43285	No
12	GOM_NL__2PRFIN20100611_010724_000000302090_00146_43286_4117.N1	11-JUN-2010 01:07:24	Dark	30.000	18	24Alp PsA	1.1660	9700.0	60	43286	No
13	GOM_NL__2PRFIN20100611_010933_000000582090_00146_43286_4118.N1	11-JUN-2010 01:09:33	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	43286	No
14	GOM_NL__2PRFIN20100611_011134_000000492090_00146_43286_4119.N1	11-JUN-2010 01:11:34	Dark	49.000	31	Alp Gru	1.7340	15200.	98	43286	No
15	GOM_NL__2PRFIN20100611_011550_000000432090_00146_43286_4120.N1	11-JUN-2010 01:15:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43286	No
16	GOM_NL__2PRFIN20100611_012421_000000432090_00146_43286_4121.N1	11-JUN-2010 01:24:21	Straylight	43.000	40	The Sco	1.8590	7100.0	86	43286	No
17	GOM_NL__2PRFIN20100611_012605_000000472090_00146_43286_4122.N1	11-JUN-2010 01:26:05	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	43286	No
18	GOM_NL__2PRFIN20100611_012744_000000572090_00146_43286_4123.N1	11-JUN-2010 01:27:44	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	43286	No
19	GOM_NL__2PRFIN20100611_013255_000000422090_00146_43286_4124.N1	11-JUN-2010 01:32:55	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43286	No
20	GOM_NL__2PRFIN20100611_013440_000000392090_00146_43286_4125.N1	11-JUN-2010 01:34:40	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43286	No
21	GOM_NL__2PRFIN20100611_013957_000000482090_00146_43286_4126.N1	11-JUN-2010 01:39:57	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	43286	No
22	GOM_NL__2PRFIN20100611_014234_000000502090_00146_43286_4127.N1	11-JUN-2010 01:42:34	Bright	49.500	59	55Alp Oph	2.0800	8900.0	99	43286	No
23	GOM_NL__2PRFIN20100611_014415_000000562090_00146_43286_4128.N1	11-JUN-2010 01:44:15	Bright	56.000	127	27Bet Her	2.7810	4700.0	112	43286	No
24	GOM_NL__2PRFIN20100611_014724_000000402090_00146_43286_4129.N1	11-JUN-2010 01:47:24	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43286	No
25	GOM_NL__2PRFIN20100611_015428_000000422090_00146_43286_4130.N1	11-JUN-2010 01:54:28	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	43286	No
26	GOM_NL__2PRFIN20100611_020509_000000452090_00146_43286_4131.N1	11-JUN-2010 02:05:09	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43286	No
27	GOM_NL__2PRFIN20100611_021120_000000392090_00146_43286_4132.N1	11-JUN-2010 02:11:20	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	43286	No
28	GOM_NL__2PRFIN20100611_021715_000000392090_00146_43286_4133.N1	11-JUN-2010 02:17:15	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43286	No
29	GOM_NL__2PRFIN20100611_021935_000000572090_00146_43286_4134.N1	11-JUN-2010 02:19:35	Twilight	57.000	53	43Bet And	2.0480	3300.0	114	43286	No
30	GOM_NL__2PRFIN20100611_022254_000000492090_00146_43286_4135.N1	11-JUN-2010 02:22:54	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	43286	No
31	GOM_NL__2PRFIN20100611_023744_000000522090_00146_43286_4136.N1	11-JUN-2010 02:37:44	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43286	No
32	GOM_NL__2PRFIN20100611_024411_000000452090_00146_43286_4137.N1	11-JUN-2010 02:44:11	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43286	No
33	GOM_NL__2PRFIN20100611_024801_000000262090_00147_43287_4125.N1	11-JUN-2010 02:48:01	Dark	26.000	18	24Alp PsA	1.1660	9700.0	52	43287	No
34	GOM_NL__2PRFIN20100611_025010_000000492090_00147_43287_4126.N1	11-JUN-2010 02:50:10	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43287	No
35	GOM_NL__2PRFIN20100611_025211_000000512090_00147_43287_4127.N1	11-JUN-2010 02:52:11	Dark	50.500	31	Alp Gru	1.7340	15200.	101	43287	No
36	GOM_NL__2PRFIN20100611_025627_000000422090_00147_43287_4128.N1	11-JUN-2010 02:56:27	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43287	No
37	GOM_NL__2PRFIN20100611_030457_000000472090_00147_43287_4129.N1	11-JUN-2010 03:04:57	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43287	No
38	GOM_NL__2PRFIN20100611_030641_000000472090_00147_43287_4130.N1	11-JUN-2010 03:06:41	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	43287	No
39	GOM_NL__2PRFIN20100611_030821_000000622090_00147_43287_4131.N1	11-JUN-2010 03:08:21	Bright	62.000	57	34Sig Sgr	2.0660	26000.	124	43287	No
40	GOM_NL__2PRFIN20100611_031331_000000412090_00147_43287_4132.N1	11-JUN-2010 03:13:31	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43287	No
41	GOM_NL__2PRFIN20100611_031516_000000392090_00147_43287_4133.N1	11-JUN-2010 03:15:16	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43287	No
42	GOM_NL__2PRFIN20100611_032033_000000482090_00147_43287_4134.N1	11-JUN-2010 03:20:33	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	43287	No

43	GOM_NL__2PRFIN20100611_032310_000000472090_00147_43287_4135.N1	11-JUN-2010 03:23:10	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43287	No
44	GOM_NL__2PRFIN20100611_032451_000000392090_00147_43287_4136.N1	11-JUN-2010 03:24:51	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43287	No
45	GOM_NL__2PRFIN20100611_032800_000000402090_00147_43287_4137.N1	11-JUN-2010 03:28:00	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43287	No
46	GOM_NL__2PRFIN20100611_033503_000000422090_00147_43287_4138.N1	11-JUN-2010 03:35:03	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43287	No
47	GOM_NL__2PRFIN20100611_034545_000000492090_00147_43287_4139.N1	11-JUN-2010 03:45:45	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43287	No
48	GOM_NL__2PRFIN20100611_035155_000000402090_00147_43287_4140.N1	11-JUN-2010 03:51:55	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43287	No
49	GOM_NL__2PRFIN20100611_035751_000000392090_00147_43287_4141.N1	11-JUN-2010 03:57:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43287	No
50	GOM_NL__2PRFIN20100611_040011_000000542090_00147_43287_4142.N1	11-JUN-2010 04:00:11	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43287	No
51	GOM_NL__2PRFIN20100611_040330_000000512090_00147_43287_4143.N1	11-JUN-2010 04:03:30	Twilight	51.000	50	13Alp Ari	2.0070	4250.0	102	43287	No
52	GOM_NL__2PRFIN20100611_041821_000000522090_00147_43287_4144.N1	11-JUN-2010 04:18:21	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43287	No
53	GOM_NL__2PRFIN20100611_042448_000000422090_00147_43287_4145.N1	11-JUN-2010 04:24:48	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	43287	No
54	GOM_NL__2PRFIN20100611_042839_000000262090_00148_43288_4133.N1	11-JUN-2010 04:28:39	Dark	26.000	18	24Alp PsA	1.1660	9700.0	52	43288	No
55	GOM_NL__2PRFIN20100611_043046_000000552090_00148_43288_4134.N1	11-JUN-2010 04:30:46	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	43288	No
56	GOM_NL__2PRFIN20100611_043248_000000482090_00148_43288_4135.N1	11-JUN-2010 04:32:48	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43288	No
57	GOM_NL__2PRFIN20100611_043417_000000572090_00148_43288_4136.N1	11-JUN-2010 04:34:17	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43288	No
58	GOM_NL__2PRFIN20100611_043703_000000432090_00148_43288_4137.N1	11-JUN-2010 04:37:03	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43288	No
59	GOM_NL__2PRFIN20100611_044533_000000412090_00148_43288_4138.N1	11-JUN-2010 04:45:33	Straylight	40.500	40	The Sco	1.8590	7100.0	81	43288	No
60	GOM_NL__2PRFIN20100611_044718_000000442090_00148_43288_4139.N1	11-JUN-2010 04:47:18	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43288	No
61	GOM_NL__2PRFIN20100611_044857_000000602090_00148_43288_4140.N1	11-JUN-2010 04:48:57	Bright	59.500	57	34Sig Sgr	2.0660	26000.	119	43288	No
62	GOM_NL__2PRFIN20100611_045407_000000422090_00148_43288_4141.N1	11-JUN-2010 04:54:07	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43288	No
63	GOM_NL__2PRFIN20100611_045552_000000412090_00148_43288_4142.N1	11-JUN-2010 04:55:52	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	43288	No
64	GOM_NL__2PRFIN20100611_050109_000000492090_00148_43288_4143.N1	11-JUN-2010 05:01:09	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	43288	No
65	GOM_NL__2PRFIN20100611_050345_000000492090_00148_43288_4144.N1	11-JUN-2010 05:03:45	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43288	No
66	GOM_NL__2PRFIN20100611_050526_000000382090_00148_43288_4145.N1	11-JUN-2010 05:05:26	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43288	No
67	GOM_NL__2PRFIN20100611_050836_000000422090_00148_43288_4146.N1	11-JUN-2010 05:08:36	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43288	No
68	GOM_NL__2PRFIN20100611_051539_000000432090_00148_43288_4147.N1	11-JUN-2010 05:15:39	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	43288	No
69	GOM_NL__2PRFIN20100611_052620_000000482090_00148_43288_4148.N1	11-JUN-2010 05:26:20	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43288	No
70	GOM_NL__2PRFIN20100611_053231_000000402090_00148_43288_4149.N1	11-JUN-2010 05:32:31	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	43288	No
71	GOM_NL__2PRFIN20100611_053828_000000392090_00148_43288_4150.N1	11-JUN-2010 05:38:28	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43288	No
72	GOM_NL__2PRFIN20100611_054047_000000572090_00148_43288_4151.N1	11-JUN-2010 05:40:47	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	43288	No
73	GOM_NL__2PRFIN20100611_054406_000000482090_00148_43288_4152.N1	11-JUN-2010 05:44:06	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43288	No
74	GOM_NL__2PRFIN20100611_055858_000000542090_00148_43288_4153.N1	11-JUN-2010 05:58:58	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43288	No
75	GOM_NL__2PRFIN20100611_060525_000000482090_00148_43288_4154.N1	11-JUN-2010 06:05:25	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43288	No
76	GOM_NL__2PRFIN20100611_061124_000000632090_00149_43289_4141.N1	11-JUN-2010 06:11:24	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	43289	No
77	GOM_NL__2PRFIN20100611_061325_000000472090_00149_43289_4142.N1	11-JUN-2010 06:13:25	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43289	No
78	GOM_NL__2PRFIN20100611_061455_000000572090_00149_43289_4143.N1	11-JUN-2010 06:14:55	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43289	No
79	GOM_NL__2PRFIN20100611_061740_000000432090_00149_43289_4144.N1	11-JUN-2010 06:17:40	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43289	No
80	GOM_NL__2PRFIN20100611_062610_000000462090_00149_43289_4145.N1	11-JUN-2010 06:26:10	Straylight	45.500	40	The Sco	1.8590	7100.0	91	43289	No
81	GOM_NL__2PRFIN20100611_062754_000000452090_00149_43289_4146.N1	11-JUN-2010 06:27:54	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	43289	No
82	GOM_NL__2PRFIN20100611_062934_000000712090_00149_43289_4147.N1	11-JUN-2010 06:29:34	Bright	70.500	57	34Sig Sgr	2.0660	26000.	141	43289	No
83	GOM_NL__2PRFIN20100611_063443_000000412090_00149_43289_4148.N1	11-JUN-2010 06:34:43	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43289	No
84	GOM_NL__2PRFIN20100611_063628_000000382090_00149_43289_4149.N1	11-JUN-2010 06:36:28	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	43289	No
85	GOM_NL__2PRFIN20100611_064144_000000492090_00149_43289_4150.N1	11-JUN-2010 06:41:44	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	43289	No
86	GOM_NL__2PRFIN20100611_064421_000000492090_00149_43289_4151.N1	11-JUN-2010 06:44:21	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43289	No
87	GOM_NL__2PRFIN20100611_064602_000000382090_00149_43289_4152.N1	11-JUN-2010 06:46:02	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43289	No
88	GOM_NL__2PRFIN20100611_064911_000000382090_00149_43289_4153.N1	11-JUN-2010 06:49:11	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	43289	No
89	GOM_NL__2PRFIN20100611_065614_000000432090_00149_43289_4154.N1	11-JUN-2010 06:56:14	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	43289	No
90	GOM_NL__2PRFIN20100611_070655_000000482090_00149_43289_4155.N1	11-JUN-2010 07:06:55	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43289	No
91	GOM_NL__2PRFIN20100611_071307_000000582090_00149_43289_4156.N1	11-JUN-2010 07:13:07	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43289	No
92	GOM_NL__2PRFIN20100611_071904_000000392090_00149_43289_4157.N1	11-JUN-2010 07:19:04	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43289	No
93	GOM_NL__2PRFIN20100611_072123_000000532090_00149_43289_4158.N1	11-JUN-2010 07:21:23	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	43289	No
94	GOM_NL__2PRFIN20100611_072442_000000482090_00149_43289_4159.N1	11-JUN-2010 07:24:42	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	43289	No
95	GOM_NL__2PRFIN20100611_073935_000000512090_00149_43289_4160.N1	11-JUN-2010 07:39:35	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	43289	No
96	GOM_NL__2PRFIN20100611_074601_000000462090_00149_43289_4161.N1	11-JUN-2010 07:46:01	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	43289	No
97	GOM_NL__2PRFIN20100611_075200_000000632090_00150_43290_4149.N1	11-JUN-2010 07:52:00	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	43290	No
98	GOM_NL__2PRFIN20100611_075402_000000472090_00150_43290_4150.N1	11-JUN-2010 07:54:02	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43290	No
99	GOM_NL__2PRFIN20100611_075532_000000572090_00150_43290_4151.N1	11-JUN-2010 07:55:32	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43290	No
100	GOM_NL__2PRFIN20100611_075817_000000422090_00150_43290_4152.N1	11-JUN-2010 07:58:17	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43290	No
101	GOM_NL__2PRFIN20100611_080646_000000512090_00150_43290_4153.N1	11-JUN-2010 08:06:46	Straylight	51.000	40	The Sco	1.8590	7100.0	102	43290	No

102	GOM_NL__2PRFIN20100611_080831_000000442090_00150_43290_4154.N1	11-JUN-2010 08:08:31	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43290	No
103	GOM_NL__2PRFIN20100611_081010_000000582090_00150_43290_4155.N1	11-JUN-2010 08:10:10	Bright	57.500	57	34Sig Sgr	2.0660	26000.	115	43290	No
104	GOM_NL__2PRFIN20100611_081519_000000412090_00150_43290_4156.N1	11-JUN-2010 08:15:19	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	43290	No
105	GOM_NL__2PRFIN20100611_081704_000000412090_00150_43290_4157.N1	11-JUN-2010 08:17:04	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	43290	No
106	GOM_NL__2PRFIN20100611_082219_000000492090_00150_43290_4158.N1	11-JUN-2010 08:22:19	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	43290	No
107	GOM_NL__2PRFIN20100611_082456_000000472090_00150_43290_4159.N1	11-JUN-2010 08:24:56	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	43290	No
108	GOM_NL__2PRFIN20100611_082638_000000382090_00150_43290_4160.N1	11-JUN-2010 08:26:38	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43290	No
109	GOM_NL__2PRFIN20100611_082947_000000392090_00150_43290_4161.N1	11-JUN-2010 08:29:47	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43290	No
110	GOM_NL__2PRFIN20100611_083650_000000402090_00150_43290_4162.N1	11-JUN-2010 08:36:50	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	43290	No
111	GOM_NL__2PRFIN20100611_084731_000000492090_00150_43290_4163.N1	11-JUN-2010 08:47:31	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43290	No
112	GOM_NL__2PRFIN20100611_085342_000000542090_00150_43290_4164.N1	11-JUN-2010 08:53:42	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43290	No
113	GOM_NL__2PRFIN20100611_085940_000000392090_00150_43290_4165.N1	11-JUN-2010 08:59:40	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43290	No
114	GOM_NL__2PRFIN20100611_090159_000000542090_00150_43290_4166.N1	11-JUN-2010 09:01:59	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43290	No
115	GOM_NL__2PRFIN20100611_090519_000000462090_00150_43290_4167.N1	11-JUN-2010 09:05:19	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43290	No
116	GOM_NL__2PRFIN20100611_092012_000000522090_00150_43290_4168.N1	11-JUN-2010 09:20:12	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43290	No
117	GOM_NL__2PRFIN20100611_092638_000000422090_00150_43290_4169.N1	11-JUN-2010 09:26:38	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	43290	No
118	GOM_NL__2PRFIN20100611_093238_000000552090_00151_43291_4177.N1	11-JUN-2010 09:32:38	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	43291	No
119	GOM_NL__2PRFIN20100611_093439_000000462090_00151_43291_4178.N1	11-JUN-2010 09:34:39	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43291	No
120	GOM_NL__2PRFIN20100611_093610_000000562090_00151_43291_4179.N1	11-JUN-2010 09:36:10	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43291	No
121	GOM_NL__2PRFIN20100611_093854_000000452090_00151_43291_4180.N1	11-JUN-2010 09:38:54	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	43291	No
122	GOM_NL__2PRFIN20100611_094722_000000442090_00151_43291_4181.N1	11-JUN-2010 09:47:22	Straylight	44.000	40	The Sco	1.8590	7100.0	88	43291	No
123	GOM_NL__2PRFIN20100611_094907_000000472090_00151_43291_4182.N1	11-JUN-2010 09:49:07	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	43291	No
124	GOM_NL__2PRFIN20100611_095046_000000722090_00151_43291_4183.N1	11-JUN-2010 09:50:46	Bright	72.000	57	34Sig Sgr	2.0660	26000.	144	43291	No
125	GOM_NL__2PRFIN20100611_095555_000000422090_00151_43291_4184.N1	11-JUN-2010 09:55:55	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43291	No
126	GOM_NL__2PRFIN20100611_095740_000000392090_00151_43291_4185.N1	11-JUN-2010 09:57:40	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43291	No
127	GOM_NL__2PRFIN20100611_100255_000000692090_00151_43291_4186.N1	11-JUN-2010 10:02:55	Bright	69.000	126	60Bet Oph	2.7700	4250.0	138	43291	No
128	GOM_NL__2PRFIN20100611_100532_000000482090_00151_43291_4187.N1	11-JUN-2010 10:05:32	Bright	47.500	59	55Alp Oph	2.0800	8900.0	95	43291	No
129	GOM_NL__2PRFIN20100611_100714_000000402090_00151_43291_4188.N1	11-JUN-2010 10:07:14	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	43291	No
130	GOM_NL__2PRFIN20100611_101023_000000422090_00151_43291_4189.N1	11-JUN-2010 10:10:23	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43291	No
131	GOM_NL__2PRFIN20100611_101725_000000442090_00151_43291_4190.N1	11-JUN-2010 10:17:25	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43291	No
132	GOM_NL__2PRFIN20100611_102806_000000492090_00151_43291_4191.N1	11-JUN-2010 10:28:06	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43291	No
133	GOM_NL__2PRFIN20100611_103418_000000582090_00151_43291_4192.N1	11-JUN-2010 10:34:18	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43291	No
134	GOM_NL__2PRFIN20100611_104015_000000392090_00151_43291_4193.N1	11-JUN-2010 10:40:15	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43291	No
135	GOM_NL__2PRFIN20100611_104235_000000532090_00151_43291_4194.N1	11-JUN-2010 10:42:35	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	43291	No
136	GOM_NL__2PRFIN20100611_104555_000000362090_00151_43291_4195.N1	11-JUN-2010 10:45:55	Twilight	36.000	50	13Alp Ari	2.0070	4250.0	72	43291	No
137	GOM_NL__2PRFIN20100611_110048_000000552090_00151_43291_4196.N1	11-JUN-2010 11:00:48	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43291	No
138	GOM_NL__2PRFIN20100611_110715_000000452090_00151_43291_4197.N1	11-JUN-2010 11:07:15	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	43291	No
139	GOM_NL__2PRFIN20100611_111314_000000612090_00152_43292_4185.N1	11-JUN-2010 11:13:14	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	43292	No
140	GOM_NL__2PRFIN20100611_111515_000000472090_00152_43292_4186.N1	11-JUN-2010 11:15:15	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43292	No
141	GOM_NL__2PRFIN20100611_111647_000000562090_00152_43292_4187.N1	11-JUN-2010 11:16:47	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43292	No
142	GOM_NL__2PRFIN20100611_111930_000000432090_00152_43292_4188.N1	11-JUN-2010 11:19:30	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43292	No
143	GOM_NL__2PRFIN20100611_112758_000000452090_00152_43292_4189.N1	11-JUN-2010 11:27:58	Straylight	45.000	40	The Sco	1.8590	7100.0	90	43292	No
144	GOM_NL__2PRFIN20100611_112943_000000452090_00152_43292_4190.N1	11-JUN-2010 11:29:43	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	43292	No
145	GOM_NL__2PRFIN20100611_113123_000000572090_00152_43292_4191.N1	11-JUN-2010 11:31:23	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	43292	No
146	GOM_NL__2PRFIN20100611_113631_000000422090_00152_43292_4192.N1	11-JUN-2010 11:36:31	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43292	No
147	GOM_NL__2PRFIN20100611_113816_000000392090_00152_43292_4193.N1	11-JUN-2010 11:38:16	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43292	No
148	GOM_NL__2PRFIN20100611_114331_000000482090_00152_43292_4194.N1	11-JUN-2010 11:43:31	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	43292	No
149	GOM_NL__2PRFIN20100611_114607_000000452090_00152_43292_4195.N1	11-JUN-2010 11:46:07	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	43292	No
150	GOM_NL__2PRFIN20100611_114749_000000382090_00152_43292_4196.N1	11-JUN-2010 11:47:49	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43292	No
151	GOM_NL__2PRFIN20100611_115058_000000572090_00152_43292_4197.N1	11-JUN-2010 11:50:58	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	43292	No
152	GOM_NL__2PRFIN20100611_115800_000000452090_00152_43292_4198.N1	11-JUN-2010 11:58:00	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	43292	No
153	GOM_NL__2PRFIN20100611_121454_000000532090_00152_43292_4199.N1	11-JUN-2010 12:14:54	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	43292	No
154	GOM_NL__2PRFIN20100611_122051_000000392090_00152_43292_4200.N1	11-JUN-2010 12:20:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43292	No
155	GOM_NL__2PRFIN20100611_122311_000000542090_00152_43292_4201.N1	11-JUN-2010 12:23:11	Twilight	53.500	53	43Bet And	2.0480	3300.0	107	43292	No
156	GOM_NL__2PRFIN20100611_122631_000000492090_00152_43292_4202.N1	11-JUN-2010 12:26:31	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	43292	No
157	GOM_NL__2PRFIN20100611_124125_000000552090_00152_43292_4203.N1	11-JUN-2010 12:41:25	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43292	No
158	GOM_NL__2PRFIN20100611_124752_000000492090_00152_43292_4204.N1	11-JUN-2010 12:47:52	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43292	No
159	GOM_NL__2PRFIN20100611_125351_000000542090_00153_43293_4193.N1	11-JUN-2010 12:53:51	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	43293	No
160	GOM_NL__2PRFIN20100611_125552_000000482090_00153_43293_4194.N1	11-JUN-2010 12:55:52	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43293	No

161	GOM_NL__2PRFIN20100611_125724_000000572090_00153_43293_4195.N1	11-JUN-2010 12:57:24	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43293	No
162	GOM_NL__2PRFIN20100611_130006_000000422090_00153_43293_4196.N1	11-JUN-2010 13:00:06	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43293	No
163	GOM_NL__2PRFIN20100611_130835_000000422090_00153_43293_4197.N1	11-JUN-2010 13:08:35	Straylight	42.000	40	The Sco	1.8590	7100.0	84	43293	No
164	GOM_NL__2PRFIN20100611_131019_000000442090_00153_43293_4198.N1	11-JUN-2010 13:10:19	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43293	No
165	GOM_NL__2PRFIN20100611_131159_000000582090_00153_43293_4199.N1	11-JUN-2010 13:11:59	Bright	57.500	57	34Sig Sgr	2.0660	26000.	115	43293	No
166	GOM_NL__2PRFIN20100611_131707_000000422090_00153_43293_4200.N1	11-JUN-2010 13:17:07	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43293	No
167	GOM_NL__2PRFIN20100611_131852_000000382090_00153_43293_4201.N1	11-JUN-2010 13:18:52	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	43293	No
168	GOM_NL__2PRFIN20100611_132406_000000472090_00153_43293_4202.N1	11-JUN-2010 13:24:06	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	43293	No
169	GOM_NL__2PRFIN20100611_132643_000000472090_00153_43293_4203.N1	11-JUN-2010 13:26:43	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43293	No
170	GOM_NL__2PRFIN20100611_132825_000000372090_00153_43293_4204.N1	11-JUN-2010 13:28:25	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	43293	No
171	GOM_NL__2PRFIN20100611_133134_000000412090_00153_43293_4205.N1	11-JUN-2010 13:31:34	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	43293	No
172	GOM_NL__2PRFIN20100611_133836_000000422090_00153_43293_4206.N1	11-JUN-2010 13:38:36	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43293	No
173	GOM_NL__2PRFIN20100611_134917_000000492090_00153_43293_4207.N1	11-JUN-2010 13:49:17	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43293	No
174	GOM_NL__2PRFIN20100611_135530_000000422090_00153_43293_4208.N1	11-JUN-2010 13:55:30	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	43293	No
175	GOM_NL__2PRFIN20100611_140128_000000392090_00153_43293_4209.N1	11-JUN-2010 14:01:28	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43293	No
176	GOM_NL__2PRFIN20100611_140347_000000522090_00153_43293_4210.N1	11-JUN-2010 14:03:47	Tw_i_and_stray	52.000	53	43Bet And	2.0480	3300.0	104	43293	No
177	GOM_NL__2PRFIN20100611_140707_000000472090_00153_43293_4211.N1	11-JUN-2010 14:07:07	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	43293	No
178	GOM_NL__2PRFIN20100611_142202_000000552090_00153_43293_4212.N1	11-JUN-2010 14:22:02	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43293	No
179	GOM_NL__2PRFIN20100611_142828_000000462090_00153_43293_4213.N1	11-JUN-2010 14:28:28	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	43293	No
180	GOM_NL__2PRFIN20100611_143428_000000492090_00154_43294_4201.N1	11-JUN-2010 14:34:28	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	43294	No
181	GOM_NL__2PRFIN20100611_143629_000000472090_00154_43294_4202.N1	11-JUN-2010 14:36:29	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43294	No
182	GOM_NL__2PRFIN20100611_143801_000000562090_00154_43294_4203.N1	11-JUN-2010 14:38:01	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	43294	No
183	GOM_NL__2PRFIN20100611_144043_000000422090_00154_43294_4204.N1	11-JUN-2010 14:40:43	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43294	No
184	GOM_NL__2PRFIN20100611_145055_000000452090_00154_43294_4205.N1	11-JUN-2010 14:50:55	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	43294	No
185	GOM_NL__2PRFIN20100611_145235_000000692090_00154_43294_4206.N1	11-JUN-2010 14:52:35	Bright	68.500	57	34Sig Sgr	2.0660	26000.	137	43294	No
186	GOM_NL__2PRFIN20100611_145743_000000412090_00154_43294_4207.N1	11-JUN-2010 14:57:43	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43294	No
187	GOM_NL__2PRFIN20100611_145928_000000392090_00154_43294_4208.N1	11-JUN-2010 14:59:28	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43294	No
188	GOM_NL__2PRFIN20100611_150442_000000472090_00154_43294_4209.N1	11-JUN-2010 15:04:42	Bright	47.000	126	60Bet Oph	2.7700	4250.0	94	43294	No
189	GOM_NL__2PRFIN20100611_150718_000000472090_00154_43294_4210.N1	11-JUN-2010 15:07:18	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	43294	No
190	GOM_NL__2PRFIN20100611_150901_000000392090_00154_43294_4211.N1	11-JUN-2010 15:09:01	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43294	No
191	GOM_NL__2PRFIN20100611_151210_000000402090_00154_43294_4212.N1	11-JUN-2010 15:12:10	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43294	No
192	GOM_NL__2PRFIN20100611_151911_000000422090_00154_43294_4213.N1	11-JUN-2010 15:19:11	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	43294	No
193	GOM_NL__2PRFIN20100611_152952_000000492090_00154_43294_4214.N1	11-JUN-2010 15:29:52	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43294	No
194	GOM_NL__2PRFIN20100611_153605_000000582090_00154_43294_4215.N1	11-JUN-2010 15:36:05	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43294	No
195	GOM_NL__2PRFIN20100611_154204_000000552090_00154_43294_4216.N1	11-JUN-2010 15:42:04	Bright	55.000	73	57Gam1And	2.2600	13100.	110	43294	No
196	GOM_NL__2PRFIN20100611_154423_000000532090_00154_43294_4217.N1	11-JUN-2010 15:44:23	Tw_i_and_stray	53.000	53	43Bet And	2.0480	3300.0	106	43294	No
197	GOM_NL__2PRFIN20100611_154743_000000472090_00154_43294_4218.N1	11-JUN-2010 15:47:43	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	43294	No
198	GOM_NL__2PRFIN20100611_160239_000000522090_00154_43294_4219.N1	11-JUN-2010 16:02:39	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43294	No
199	GOM_NL__2PRFIN20100611_160905_000000522090_00154_43294_4220.N1	11-JUN-2010 16:09:05	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43294	No
200	GOM_NL__2PRFIN20100611_161505_000000492090_00155_43295_4209.N1	11-JUN-2010 16:15:05	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43295	No
201	GOM_NL__2PRFIN20100611_161707_000000492090_00155_43295_4210.N1	11-JUN-2010 16:17:07	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43295	No
202	GOM_NL__2PRFIN20100611_161839_000000582090_00155_43295_4211.N1	11-JUN-2010 16:18:39	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	43295	No
203	GOM_NL__2PRFIN20100611_162120_000000422090_00155_43295_4212.N1	11-JUN-2010 16:21:20	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43295	No
204	GOM_NL__2PRFIN20100611_163132_000000452090_00155_43295_4213.N1	11-JUN-2010 16:31:32	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	43295	No
205	GOM_NL__2PRFIN20100611_163312_000000592090_00155_43295_4214.N1	11-JUN-2010 16:33:12	Bright	59.000	57	34Sig Sgr	2.0660	26000.	118	43295	No
206	GOM_NL__2PRFIN20100611_163819_000000402090_00155_43295_4215.N1	11-JUN-2010 16:38:19	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	43295	No
207	GOM_NL__2PRFIN20100611_164004_000000392090_00155_43295_4216.N1	11-JUN-2010 16:40:04	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43295	No
208	GOM_NL__2PRFIN20100611_164518_000000482090_00155_43295_4217.N1	11-JUN-2010 16:45:18	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	43295	No
209	GOM_NL__2PRFIN20100611_164754_000000482090_00155_43295_4218.N1	11-JUN-2010 16:47:54	Bright	48.000	59	55Alp Oph	2.0800	8900.0	96	43295	No
210	GOM_NL__2PRFIN20100611_164937_000000402090_00155_43295_4219.N1	11-JUN-2010 16:49:37	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	43295	No
211	GOM_NL__2PRFIN20100611_165245_000000402090_00155_43295_4220.N1	11-JUN-2010 16:52:45	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43295	No
212	GOM_NL__2PRFIN20100611_165947_000000442090_00155_43295_4221.N1	11-JUN-2010 16:59:47	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43295	No
213	GOM_NL__2PRFIN20100611_171027_000000492090_00155_43295_4222.N1	11-JUN-2010 17:10:27	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43295	No
214	GOM_NL__2PRFIN20100611_171641_000000392090_00155_43295_4223.N1	11-JUN-2010 17:16:41	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	43295	No
215	GOM_NL__2PRFIN20100611_172239_000000392090_00155_43295_4224.N1	11-JUN-2010 17:22:39	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43295	No
216	GOM_NL__2PRFIN20100611_172459_000000622090_00155_43295_4225.N1	11-JUN-2010 17:24:59	Tw_i_and_stray	61.500	53	43Bet And	2.0480	3300.0	123	43295	No
217	GOM_NL__2PRFIN20100611_172819_000000462090_00155_43295_4226.N1	11-JUN-2010 17:28:19	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43295	No
218	GOM_NL__2PRFIN20100611_174316_000000532090_00155_43295_4227.N1	11-JUN-2010 17:43:16	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	43295	No
219	GOM_NL__2PRFIN20100611_174941_000000502090_00155_43295_4228.N1	11-JUN-2010 17:49:41	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43295	No

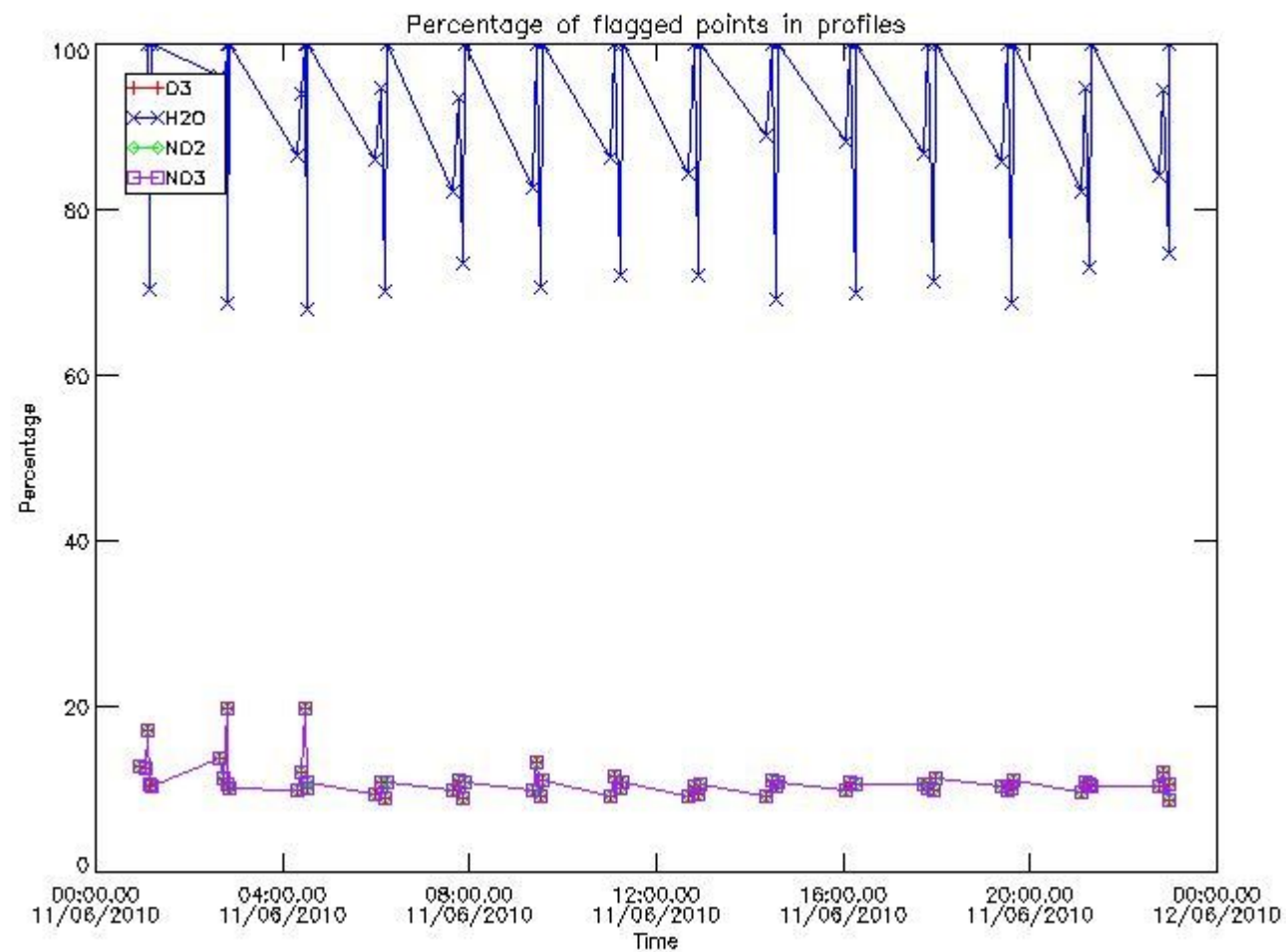
220	GOM_NL__2PRFIN20100611_175542_000000512090_00156_43296_4217.N1	11-JUN-2010 17:55:42	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	43296	No
221	GOM_NL__2PRFIN20100611_175744_000000502090_00156_43296_4218.N1	11-JUN-2010 17:57:44	Dark	49.500	31	Alp Gru	1.7340	15200.	99	43296	No
222	GOM_NL__2PRFIN20100611_175916_000000572090_00156_43296_4219.N1	11-JUN-2010 17:59:16	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	43296	No
223	GOM_NL__2PRFIN20100611_180156_000000412090_00156_43296_4220.N1	11-JUN-2010 18:01:56	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43296	No
224	GOM_NL__2PRFIN20100611_181208_000000452090_00156_43296_4221.N1	11-JUN-2010 18:12:08	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	43296	No
225	GOM_NL__2PRFIN20100611_181348_000000762090_00156_43296_4222.N1	11-JUN-2010 18:13:48	Bright	76.000	57	34Sig Sgr	2.0660	26000.	152	43296	No
226	GOM_NL__2PRFIN20100611_181855_000000422090_00156_43296_4223.N1	11-JUN-2010 18:18:55	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43296	No
227	GOM_NL__2PRFIN20100611_182040_000000392090_00156_43296_4224.N1	11-JUN-2010 18:20:40	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43296	No
228	GOM_NL__2PRFIN20100611_182553_000000472090_00156_43296_4225.N1	11-JUN-2010 18:25:53	Bright	47.000	126	60Bet Oph	2.7700	4250.0	94	43296	No
229	GOM_NL__2PRFIN20100611_182830_000000492090_00156_43296_4226.N1	11-JUN-2010 18:28:30	Bright	48.500	59	55Alp Oph	2.0800	8900.0	97	43296	No
230	GOM_NL__2PRFIN20100611_183013_000000392090_00156_43296_4227.N1	11-JUN-2010 18:30:13	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43296	No
231	GOM_NL__2PRFIN20100611_183321_000000382090_00156_43296_4228.N1	11-JUN-2010 18:33:21	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	43296	No
232	GOM_NL__2PRFIN20100611_184022_000000432090_00156_43296_4229.N1	11-JUN-2010 18:40:22	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43296	No
233	GOM_NL__2PRFIN20100611_185102_000000492090_00156_43296_4230.N1	11-JUN-2010 18:51:02	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43296	No
234	GOM_NL__2PRFIN20100611_185717_000000402090_00156_43296_4231.N1	11-JUN-2010 18:57:17	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43296	No
235	GOM_NL__2PRFIN20100611_190316_000000392090_00156_43296_4232.N1	11-JUN-2010 19:03:16	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43296	No
236	GOM_NL__2PRFIN20100611_190535_000000532090_00156_43296_4233.N1	11-JUN-2010 19:05:35	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	43296	No
237	GOM_NL__2PRFIN20100611_190856_000000502090_00156_43296_4234.N1	11-JUN-2010 19:08:56	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	43296	No
238	GOM_NL__2PRFIN20100611_192352_000000542090_00156_43296_4235.N1	11-JUN-2010 19:23:52	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43296	No
239	GOM_NL__2PRFIN20100611_193018_000000522090_00156_43296_4236.N1	11-JUN-2010 19:30:18	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43296	No
240	GOM_NL__2PRFIN20100611_193619_000000502090_00157_43297_4225.N1	11-JUN-2010 19:36:19	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	43297	No
241	GOM_NL__2PRFIN20100611_193820_000000462090_00157_43297_4226.N1	11-JUN-2010 19:38:20	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43297	No
242	GOM_NL__2PRFIN20100611_193953_000000572090_00157_43297_4227.N1	11-JUN-2010 19:39:53	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	43297	No
243	GOM_NL__2PRFIN20100611_194233_000000432090_00157_43297_4228.N1	11-JUN-2010 19:42:33	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43297	No
244	GOM_NL__2PRFIN20100611_195244_000000452090_00157_43297_4229.N1	11-JUN-2010 19:52:44	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	43297	No
245	GOM_NL__2PRFIN20100611_195425_000000612090_00157_43297_4230.N1	11-JUN-2010 19:54:25	Bright	60.500	57	34Sig Sgr	2.0660	26000.	121	43297	No
246	GOM_NL__2PRFIN20100611_195931_000000412090_00157_43297_4231.N1	11-JUN-2010 19:59:31	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	43297	No
247	GOM_NL__2PRFIN20100611_200116_000000402090_00157_43297_4232.N1	11-JUN-2010 20:01:16	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	43297	No
248	GOM_NL__2PRFIN20100611_200629_000000482090_00157_43297_4233.N1	11-JUN-2010 20:06:29	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	43297	No
249	GOM_NL__2PRFIN20100611_200905_000000462090_00157_43297_4234.N1	11-JUN-2010 20:09:05	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	43297	No
250	GOM_NL__2PRFIN20100611_201048_000000392090_00157_43297_4235.N1	11-JUN-2010 20:10:48	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	43297	No
251	GOM_NL__2PRFIN20100611_201357_000000422090_00157_43297_4236.N1	11-JUN-2010 20:13:57	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43297	No
252	GOM_NL__2PRFIN20100611_202058_000000432090_00157_43297_4237.N1	11-JUN-2010 20:20:58	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43297	No
253	GOM_NL__2PRFIN20100611_203137_000000482090_00157_43297_4238.N1	11-JUN-2010 20:31:37	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43297	No
254	GOM_NL__2PRFIN20100611_203752_000000402090_00157_43297_4239.N1	11-JUN-2010 20:37:52	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43297	No
255	GOM_NL__2PRFIN20100611_204351_000000392090_00157_43297_4240.N1	11-JUN-2010 20:43:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43297	No
256	GOM_NL__2PRFIN20100611_204611_000000592090_00157_43297_4241.N1	11-JUN-2010 20:46:11	Twilight	58.500	53	43Bet And	2.0480	3300.0	117	43297	No
257	GOM_NL__2PRFIN20100611_204931_000000552090_00157_43297_4242.N1	11-JUN-2010 20:49:31	Twilight	54.500	50	13Alp Ari	2.0070	4250.0	109	43297	No
258	GOM_NL__2PRFIN20100611_210429_000000542090_00157_43297_4243.N1	11-JUN-2010 21:04:29	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43297	No
259	GOM_NL__2PRFIN20100611_211055_000000472090_00157_43297_4244.N1	11-JUN-2010 21:10:55	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	43297	No
260	GOM_NL__2PRFIN20100611_211656_000000492090_00158_43298_4233.N1	11-JUN-2010 21:16:56	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43298	No
261	GOM_NL__2PRFIN20100611_211857_000000492090_00158_43298_4234.N1	11-JUN-2010 21:18:57	Dark	49.000	31	Alp Gru	1.7340	15200.	98	43298	No
262	GOM_NL__2PRFIN20100611_212031_000000562090_00158_43298_4235.N1	11-JUN-2010 21:20:31	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43298	No
263	GOM_NL__2PRFIN20100611_212309_000000422090_00158_43298_4236.N1	11-JUN-2010 21:23:09	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43298	No
264	GOM_NL__2PRFIN20100611_213320_000000442090_00158_43298_4237.N1	11-JUN-2010 21:33:20	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	43298	No
265	GOM_NL__2PRFIN20100611_213501_000000642090_00158_43298_4238.N1	11-JUN-2010 21:35:01	Bright	63.500	57	34Sig Sgr	2.0660	26000.	127	43298	No
266	GOM_NL__2PRFIN20100611_214007_000000422090_00158_43298_4239.N1	11-JUN-2010 21:40:07	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	43298	No
267	GOM_NL__2PRFIN20100611_214152_000000392090_00158_43298_4240.N1	11-JUN-2010 21:41:52	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43298	No
268	GOM_NL__2PRFIN20100611_214704_000000482090_00158_43298_4241.N1	11-JUN-2010 21:47:04	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	43298	No
269	GOM_NL__2PRFIN20100611_214941_000000462090_00158_43298_4242.N1	11-JUN-2010 21:49:41	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	43298	No
270	GOM_NL__2PRFIN20100611_215124_000000382090_00158_43298_4243.N1	11-JUN-2010 21:51:24	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	43298	No
271	GOM_NL__2PRFIN20100611_215432_000000402090_00158_43298_4244.N1	11-JUN-2010 21:54:32	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43298	No
272	GOM_NL__2PRFIN20100611_220133_000000432090_00158_43298_4245.N1	11-JUN-2010 22:01:33	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	43298	No
273	GOM_NL__2PRFIN20100611_221213_000000462090_00158_43298_4246.N1	11-JUN-2010 22:12:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43298	No
274	GOM_NL__2PRFIN20100611_221828_000000412090_00158_43298_4247.N1	11-JUN-2010 22:18:28	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	43298	No
275	GOM_NL__2PRFIN20100611_222428_000000392090_00158_43298_4248.N1	11-JUN-2010 22:24:28	Bright	39.000	73	57Gam1And	2.2600	13100.	78	43298	No
276	GOM_NL__2PRFIN20100611_222647_000000522090_00158_43298_4249.N1	11-JUN-2010 22:26:47	Twilight	52.000	53	43Bet And	2.0480	3300.0	104	43298	No
277	GOM_NL__2PRFIN20100611_223008_000000462090_00158_43298_4250.N1	11-JUN-2010 22:30:08	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	43298	No
278	GOM_NL__2PRFIN20100611_224506_000000542090_00158_43298_4251.N1	11-JUN-2010 22:45:06	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	43298	No

279	GOM_NL__2PRFIN20100611_225131_000000472090_00158_43298_4252.N1	11-JUN-2010 22:51:31	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43298	No
280	GOM_NL__2PRFIN20100611_225732_000000602090_00159_43299_4241.N1	11-JUN-2010 22:57:32	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	43299	No
281	GOM_NL__2PRFIN20100611_225934_000000482090_00159_43299_4242.N1	11-JUN-2010 22:59:34	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43299	No
282	GOM_NL__2PRFIN20100611_230108_000000562090_00159_43299_4243.N1	11-JUN-2010 23:01:08	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43299	No
283	GOM_NL__2PRFIN20100611_230346_000000442090_00159_43299_4244.N1	11-JUN-2010 23:03:46	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	43299	No
284	GOM_NL__2PRFIN20100611_231356_000000452090_00159_43299_4245.N1	11-JUN-2010 23:13:56	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	43299	No
285	GOM_NL__2PRFIN20100611_231537_000000612090_00159_43299_4246.N1	11-JUN-2010 23:15:37	Bright	60.500	57	34Sig Sgr	2.0660	26000.	121	43299	No
286	GOM_NL__2PRFIN20100611_232043_000000422090_00159_43299_4247.N1	11-JUN-2010 23:20:43	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43299	No
287	GOM_NL__2PRFIN20100611_232228_000000392090_00159_43299_4248.N1	11-JUN-2010 23:22:28	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	43299	No
288	GOM_NL__2PRFIN20100611_232740_000000492090_00159_43299_4249.N1	11-JUN-2010 23:27:40	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	43299	No
289	GOM_NL__2PRFIN20100611_233016_000000502090_00159_43299_4250.N1	11-JUN-2010 23:30:16	Bright	49.500	59	55Alp Oph	2.0800	8900.0	99	43299	No
290	GOM_NL__2PRFIN20100611_233200_000000392090_00159_43299_4251.N1	11-JUN-2010 23:32:00	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43299	No
291	GOM_NL__2PRFIN20100611_233508_000000402090_00159_43299_4252.N1	11-JUN-2010 23:35:08	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	43299	No
292	GOM_NL__2PRFIN20100611_234208_000000442090_00159_43299_4253.N1	11-JUN-2010 23:42:08	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	43299	No
293	GOM_NL__2PRFIN20100611_235248_000000492090_00159_43299_4254.N1	11-JUN-2010 23:52:48	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43299	No
294	GOM_NL__2PRFIN20100611_235904_000000562090_00159_43299_4255.N1	11-JUN-2010 23:59:04	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	43299	No

3. Quality information per product

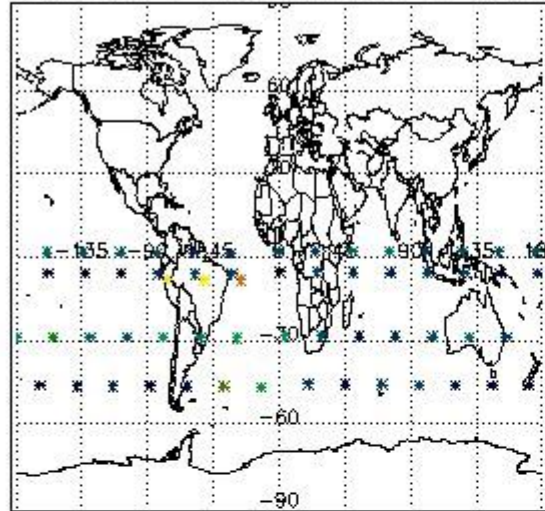
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

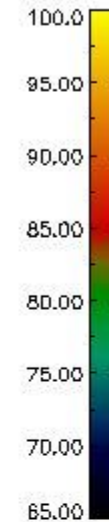
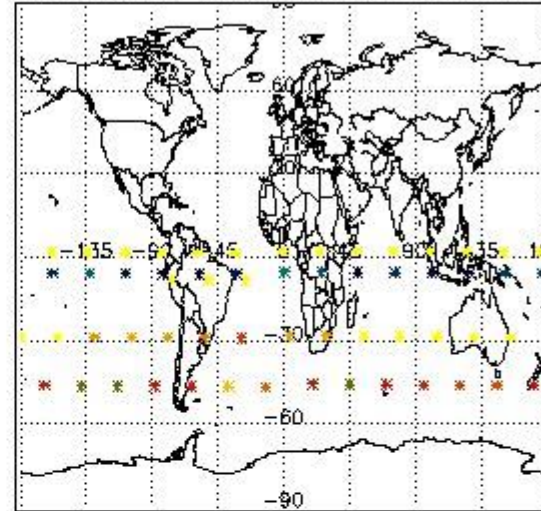


3.2 Plot quality information per product (world map)

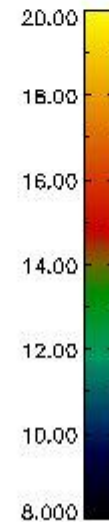
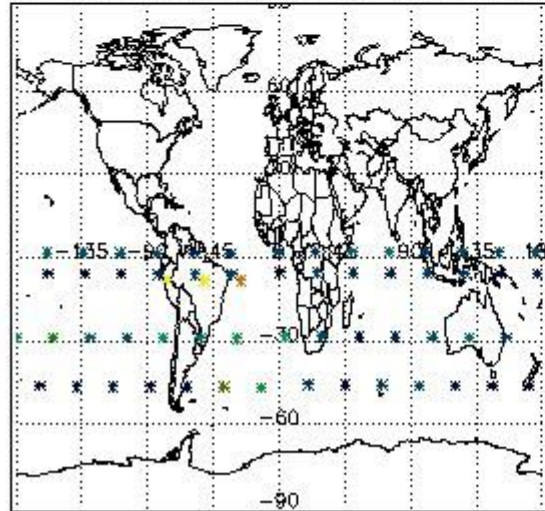
Percentage of flagged data per O3 profile



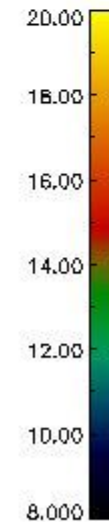
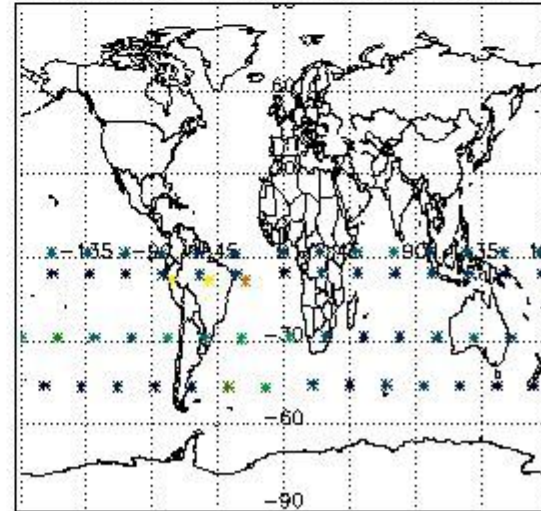
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

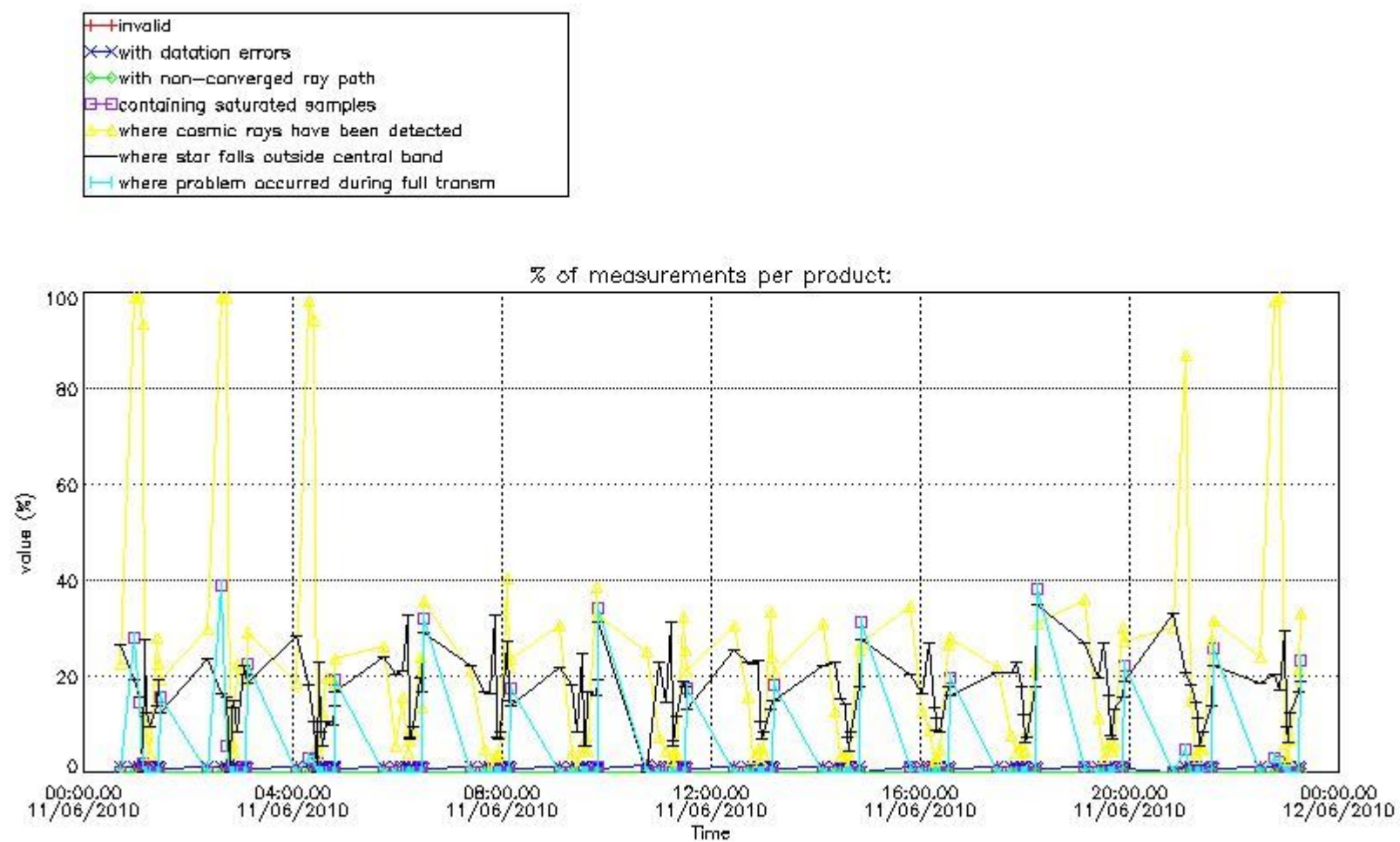


4. Level 1 quality information per product

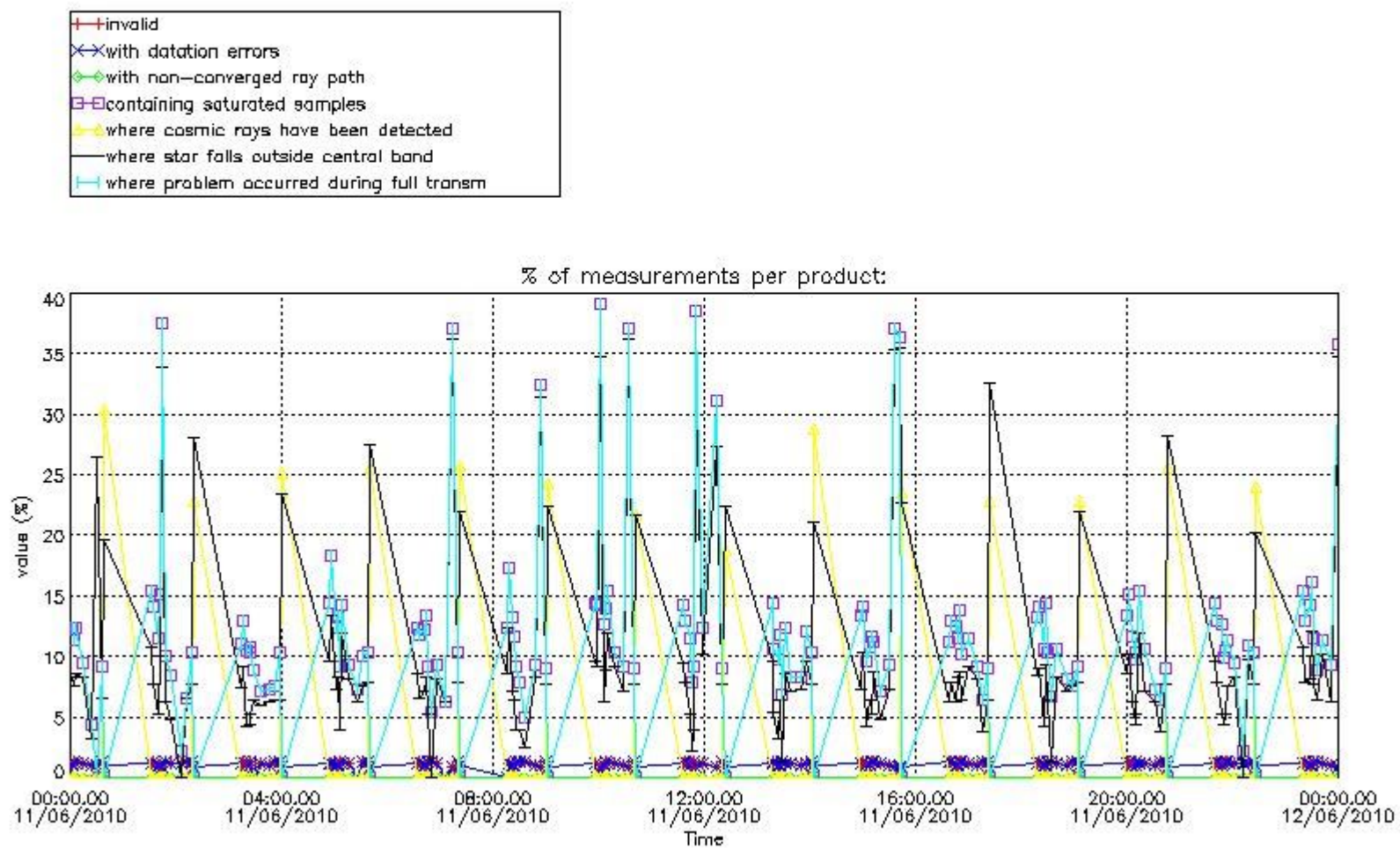
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



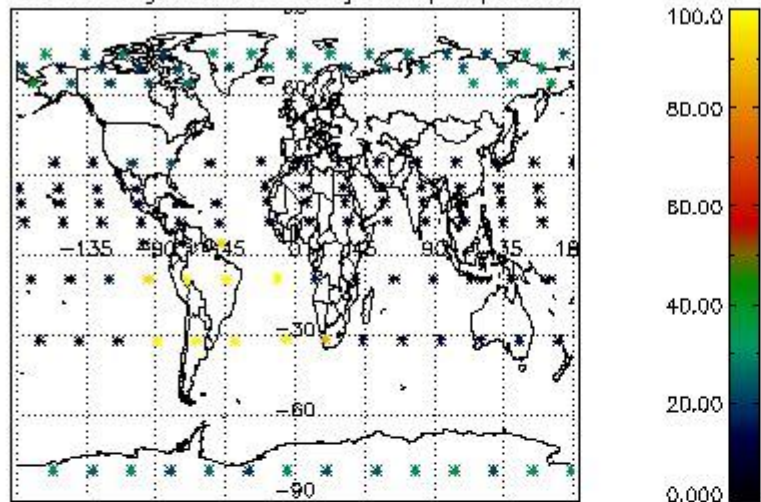
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



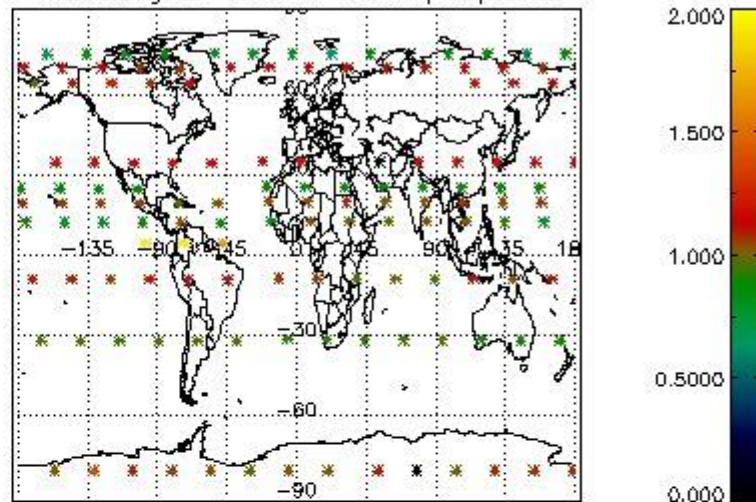
4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

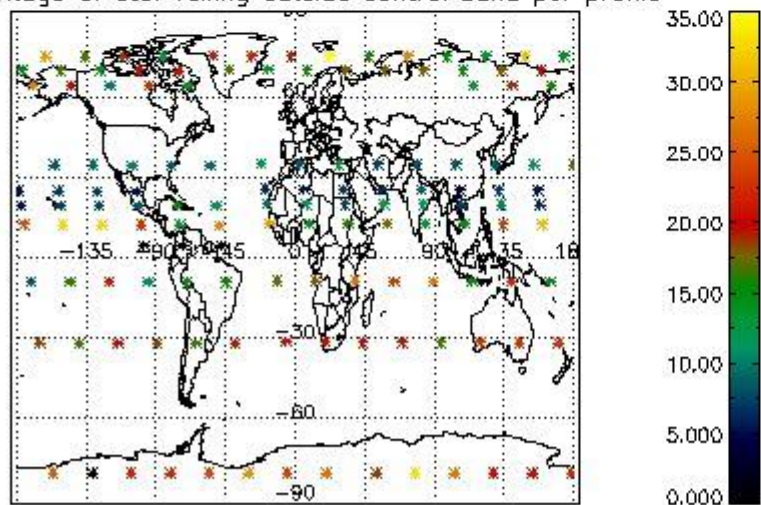
Percentage of cosmic ray hits per profile



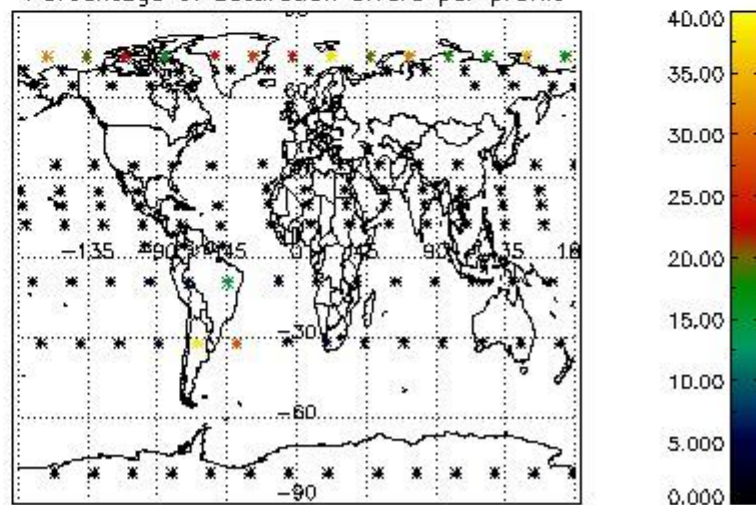
Percentage of datation errors per profile



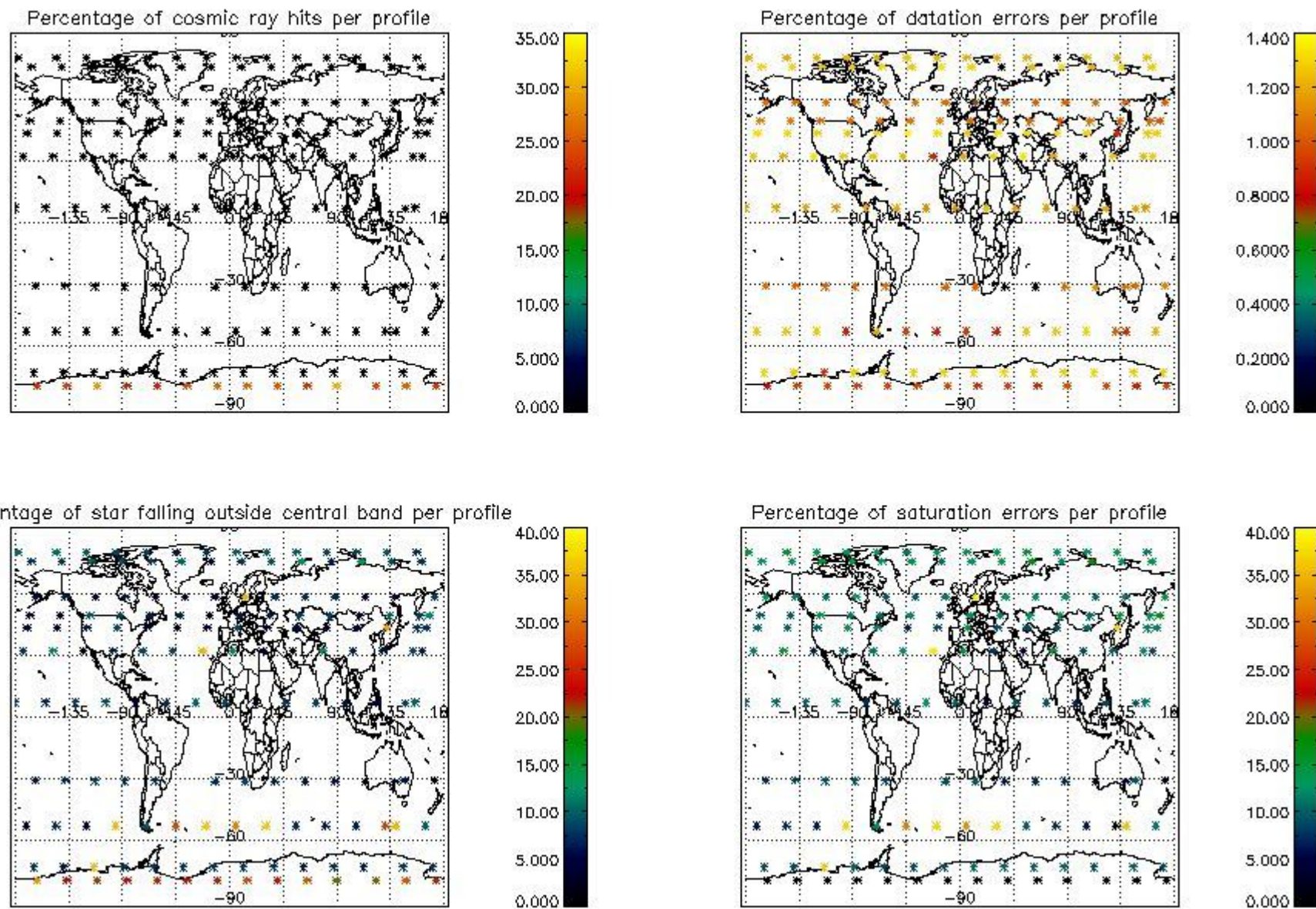
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

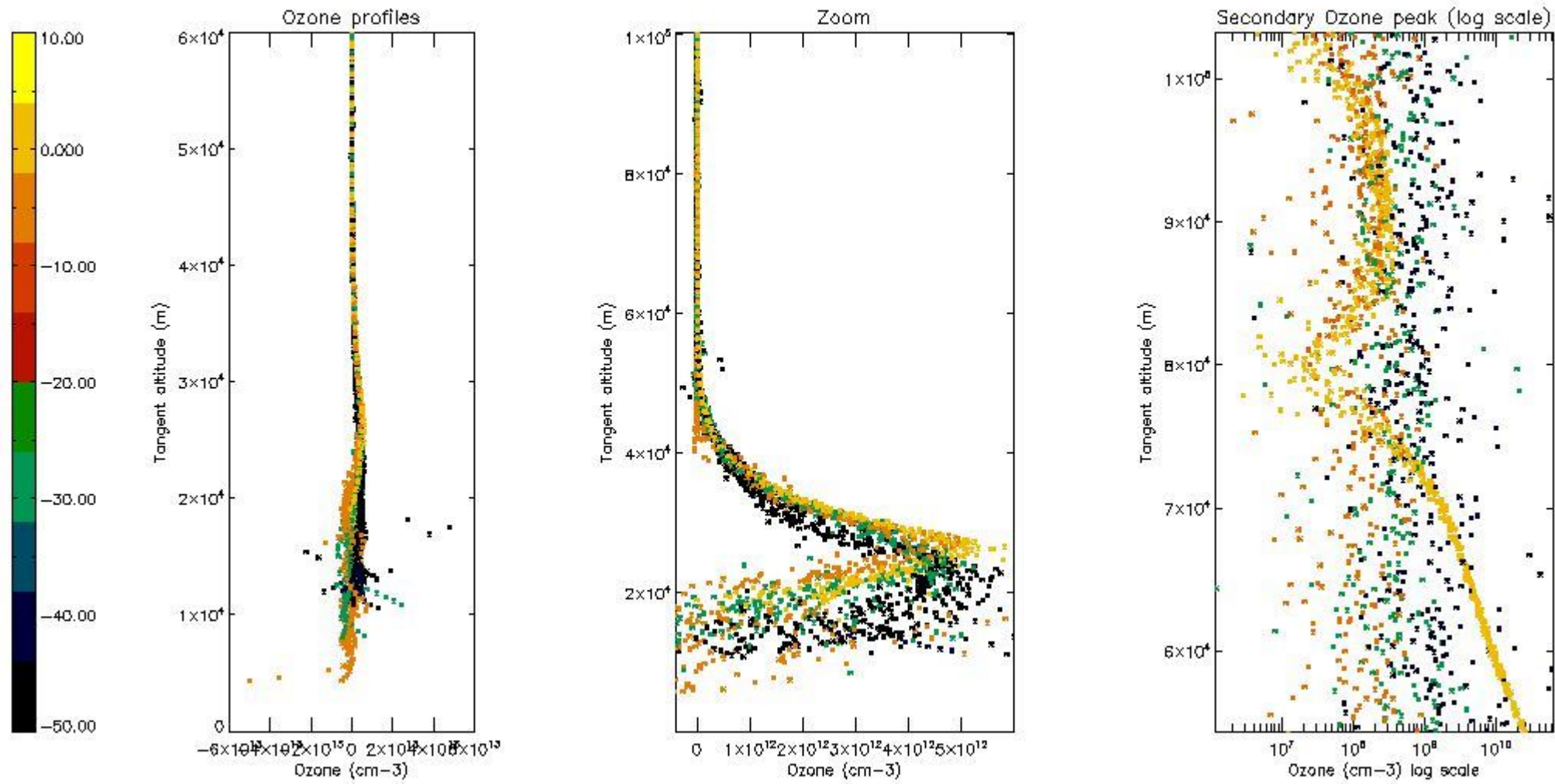
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	7

STD < 10	4
STD < 5	3

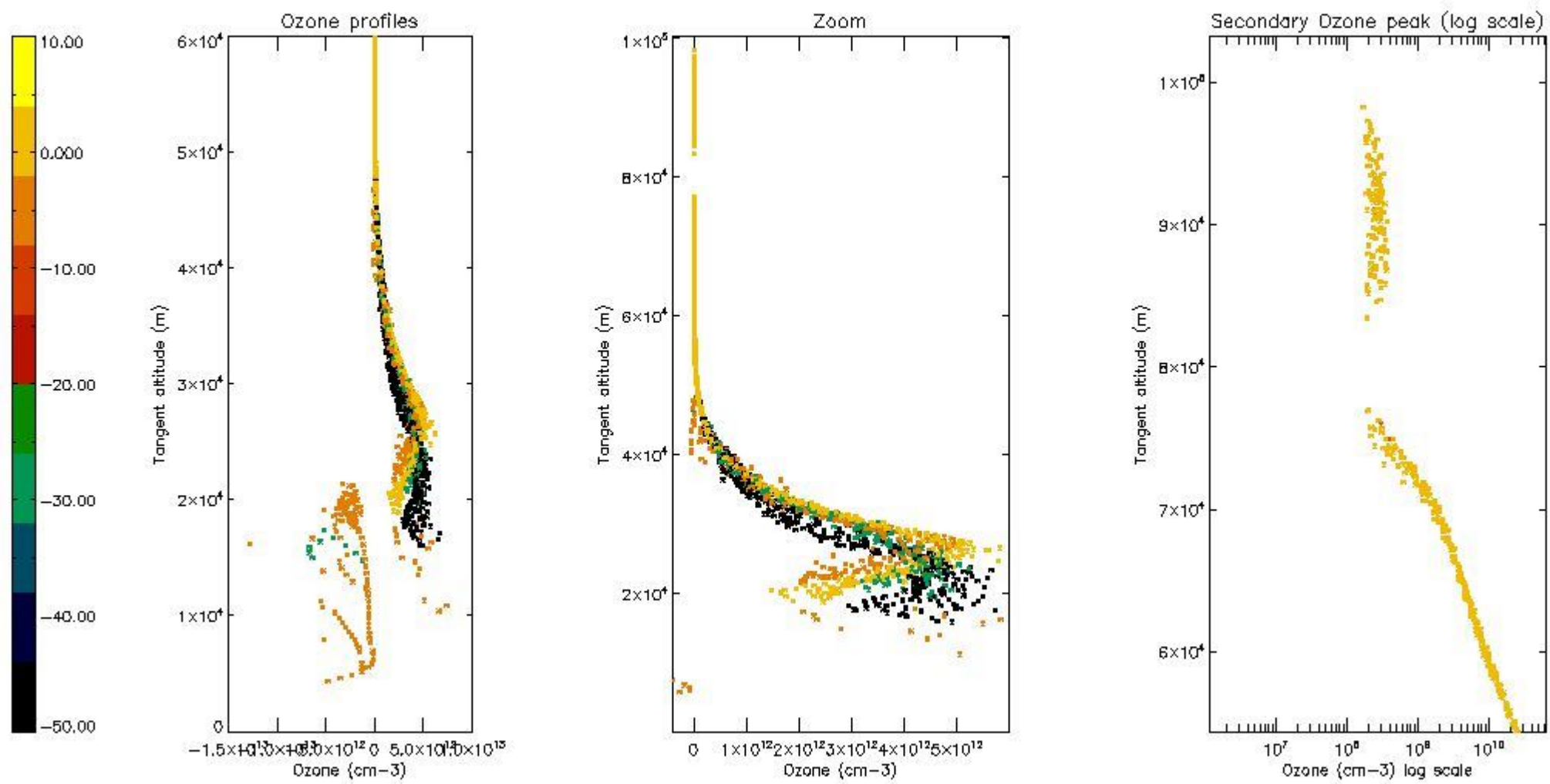
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



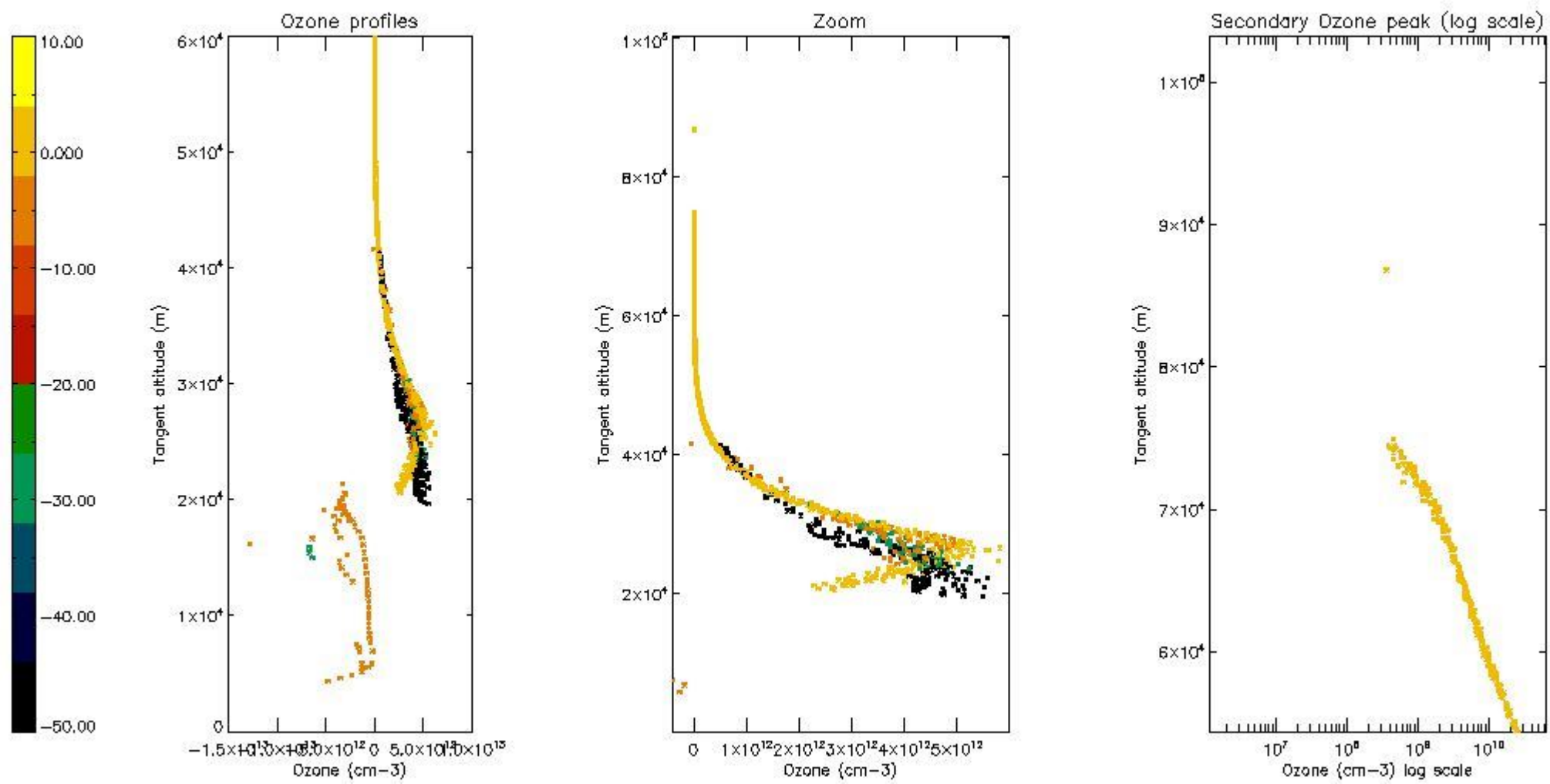
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



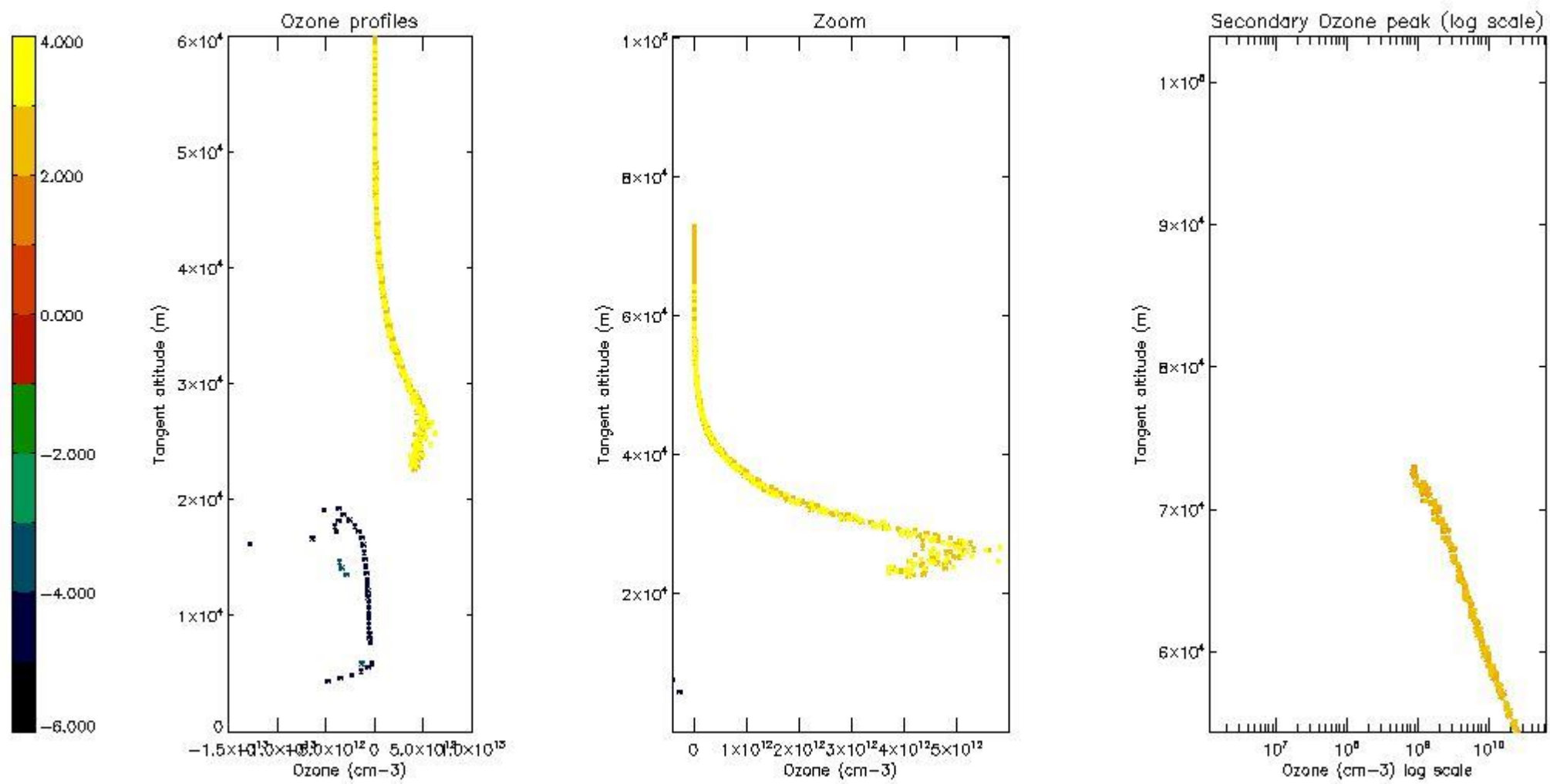
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



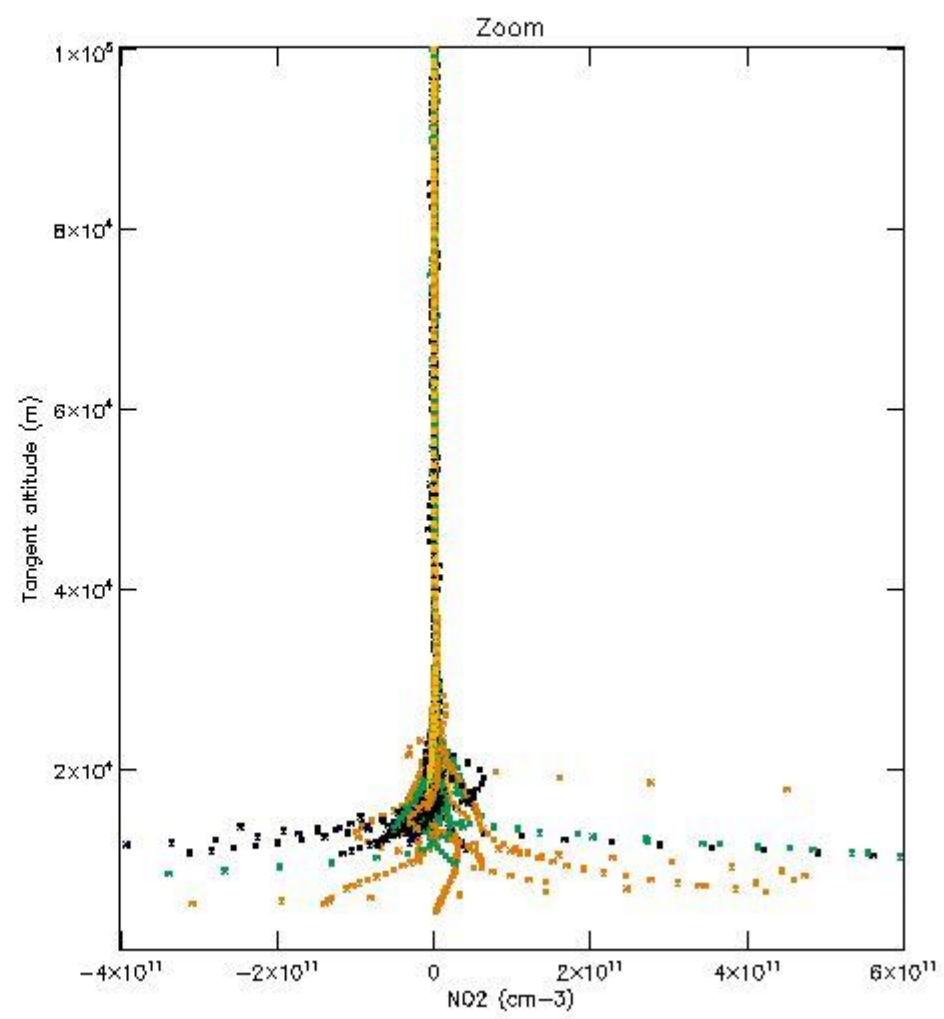
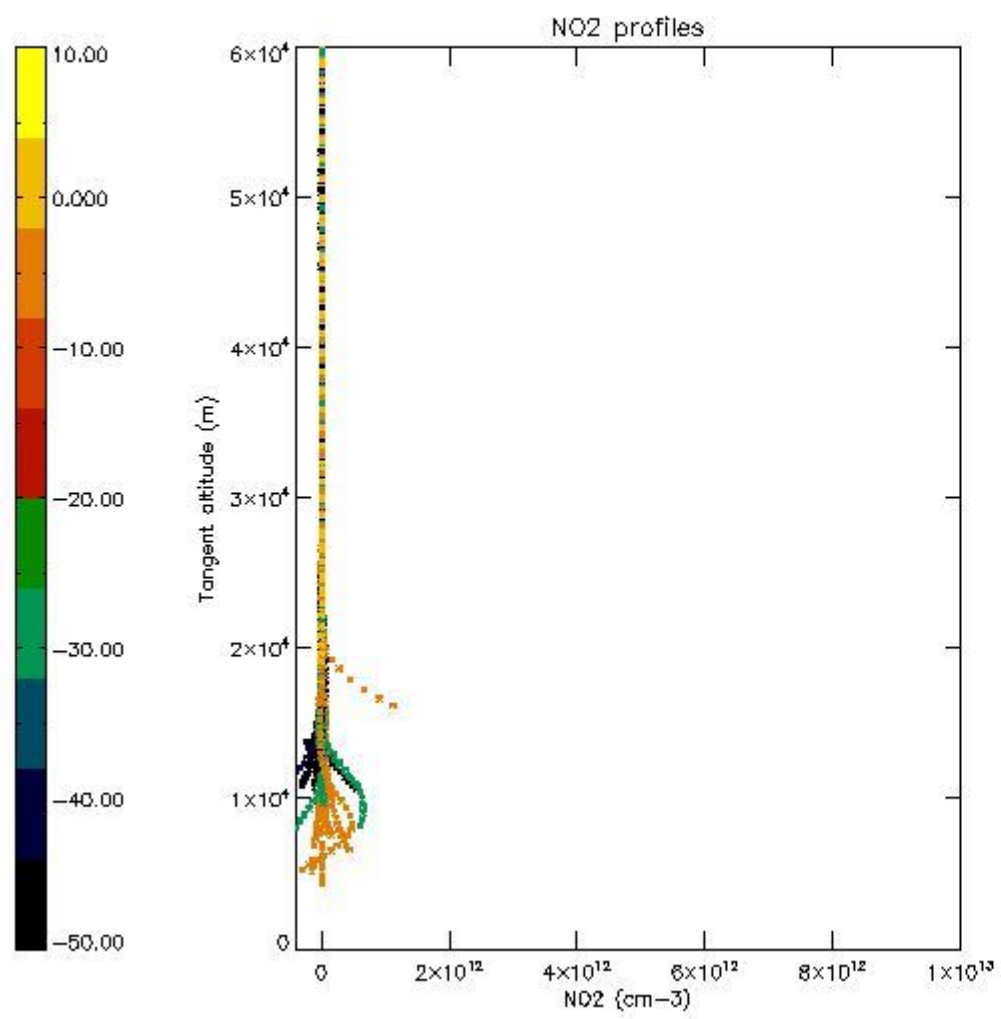
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



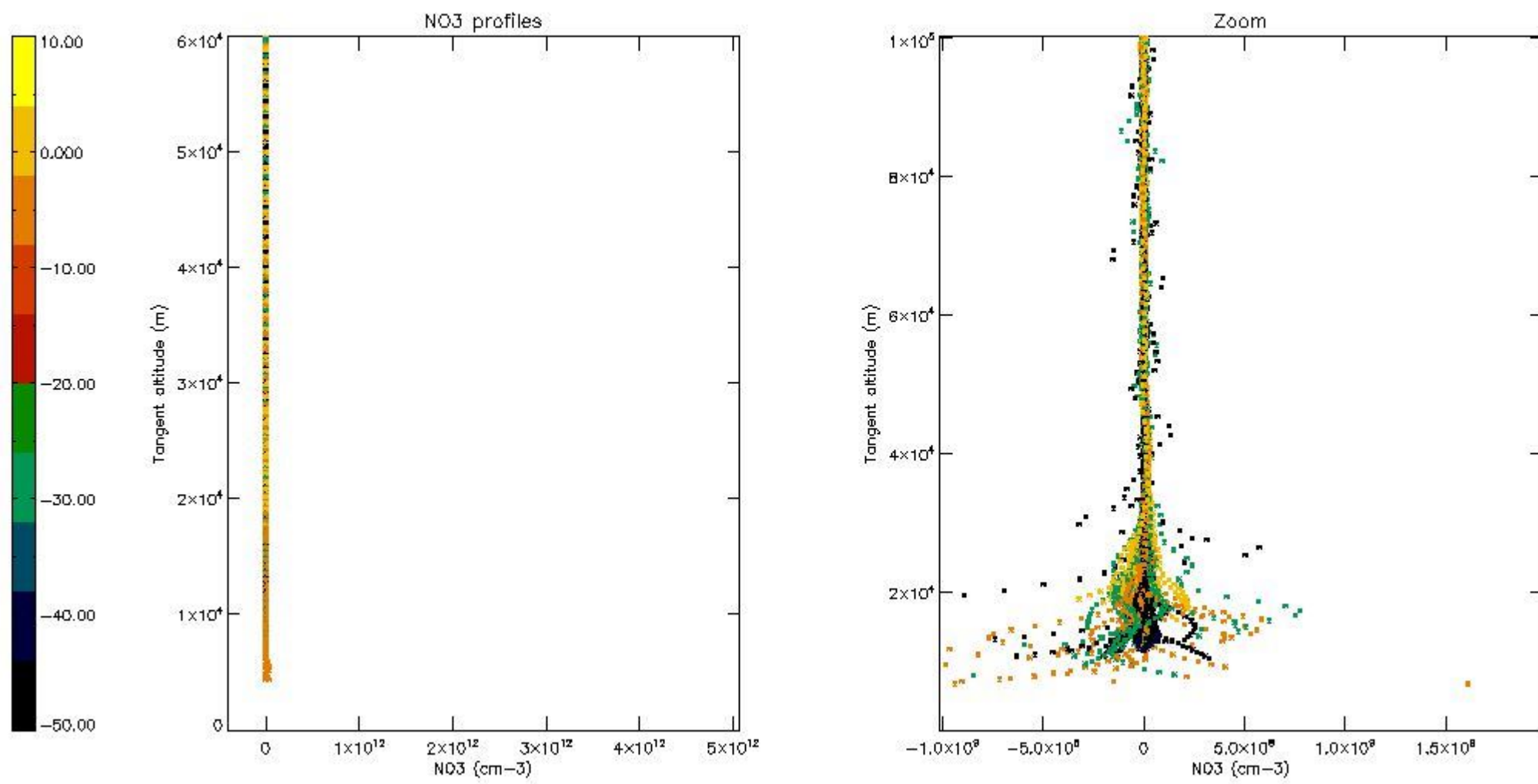
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



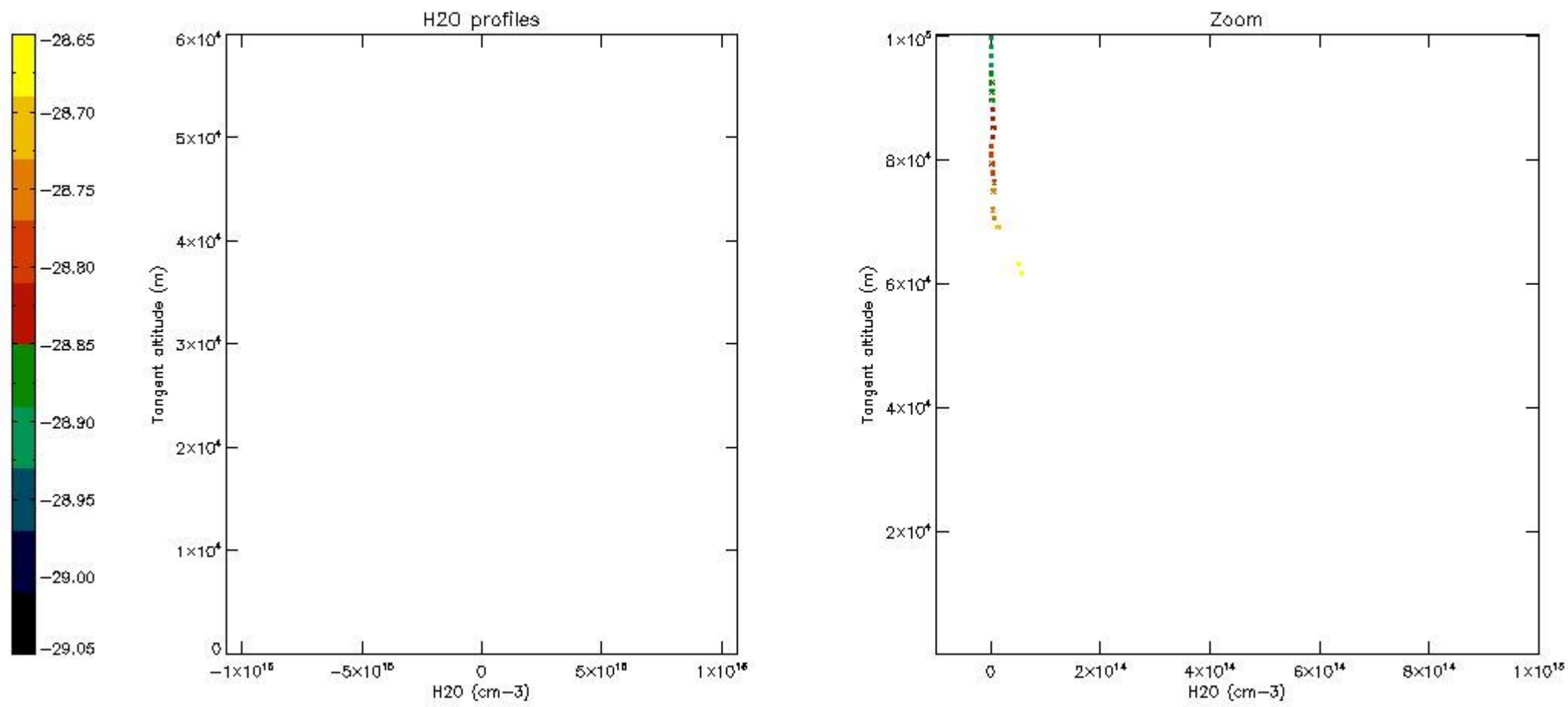
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

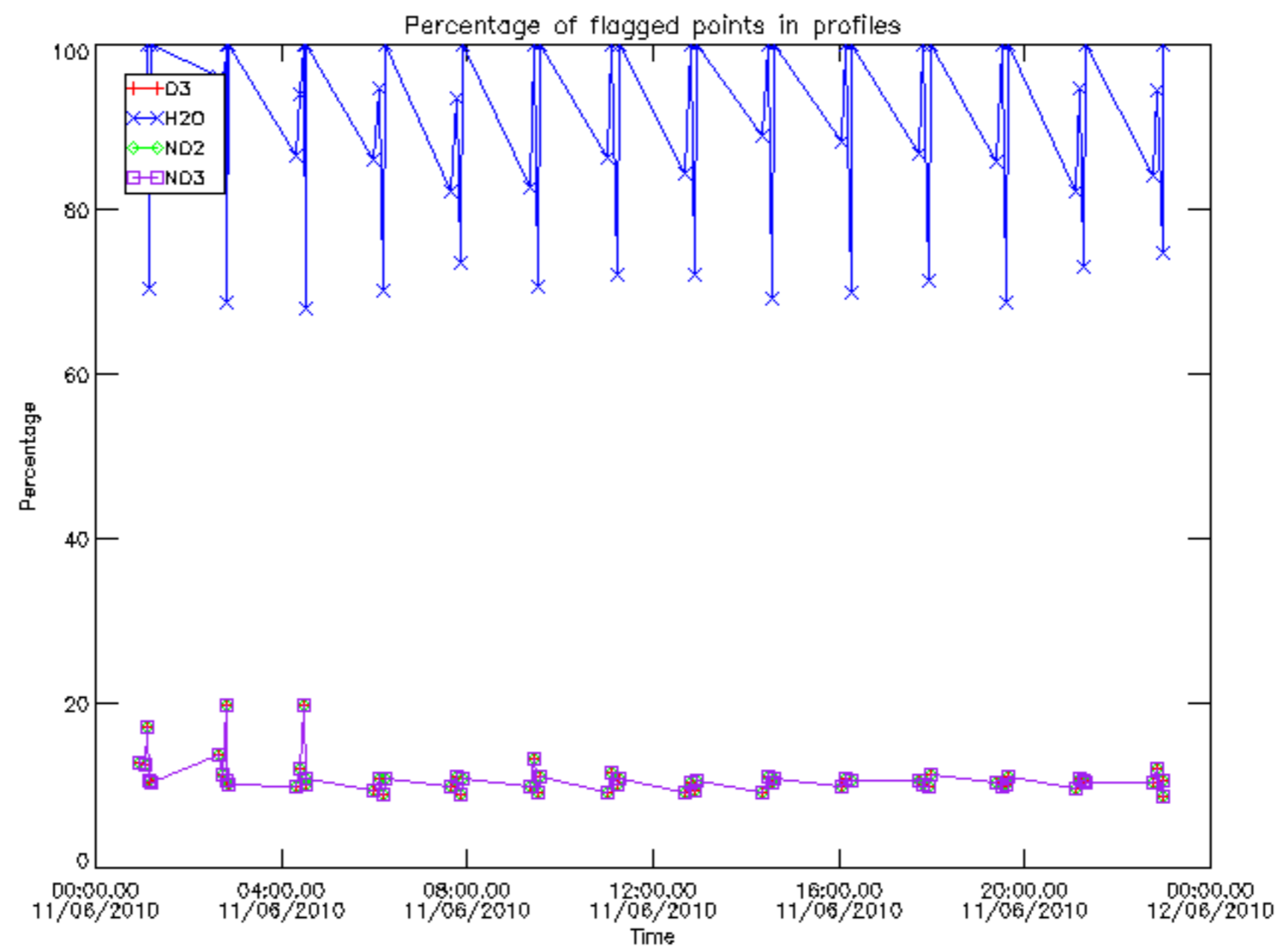
The colorbar represents the latitude.



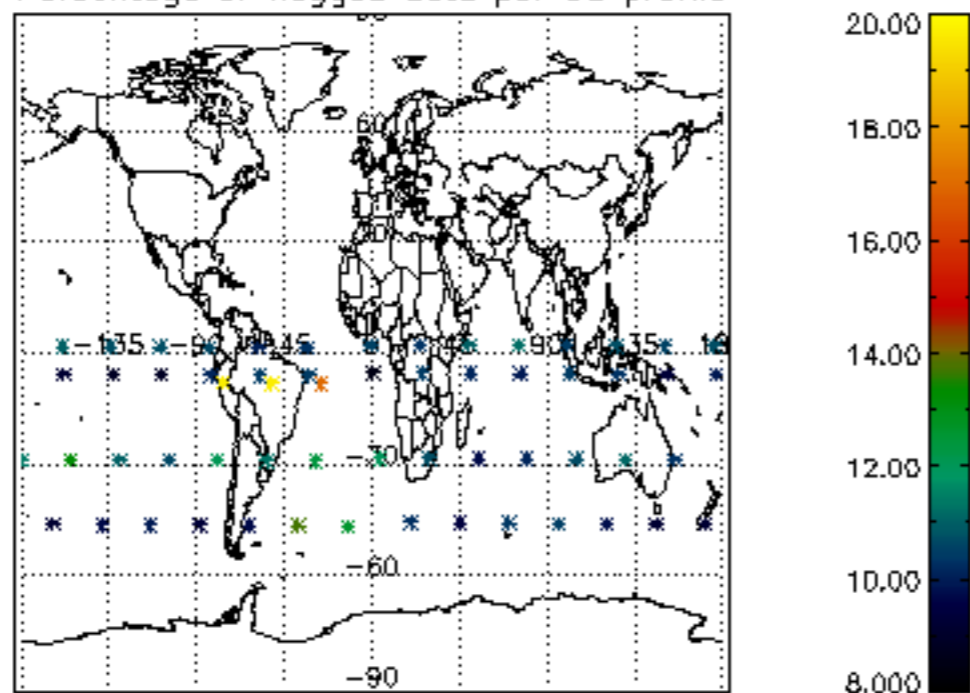
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

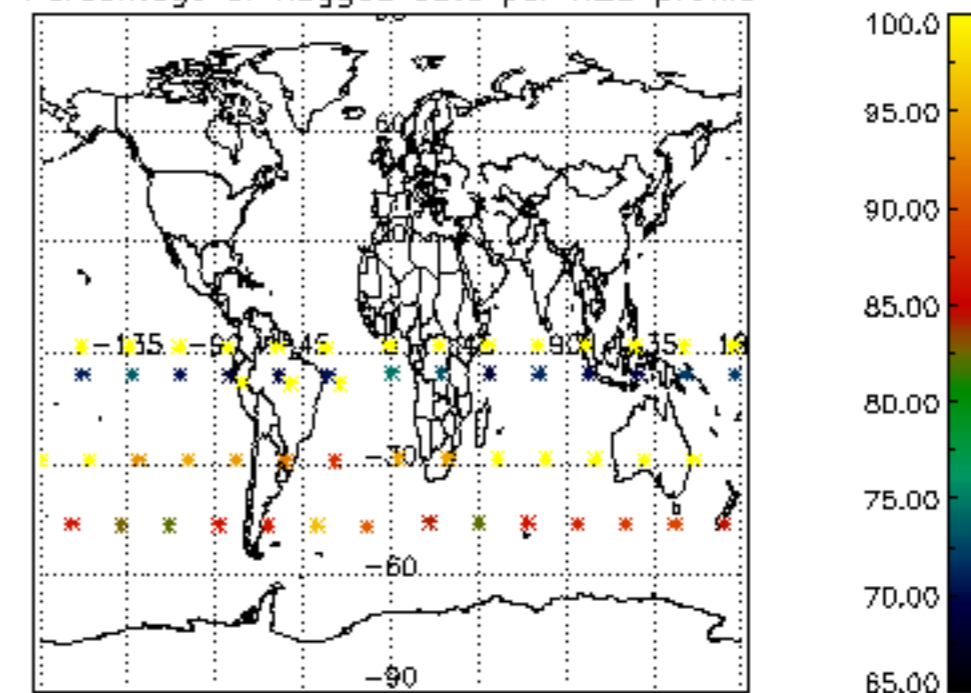
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUN-2010 00:01:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2010 00:01:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2010 00:01:59



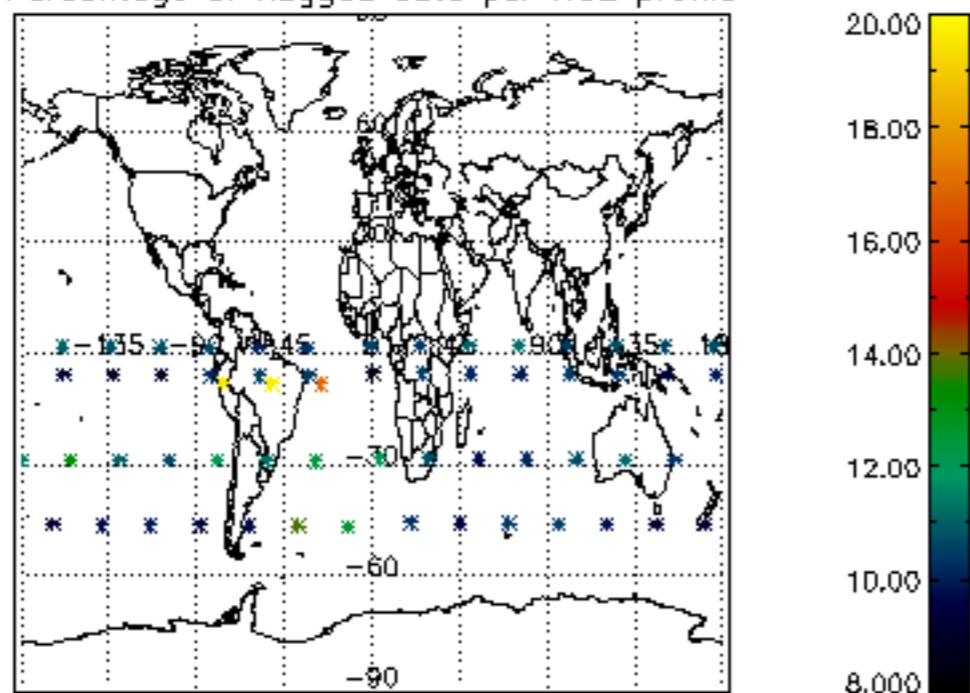
Percentage of flagged data per D3 profile



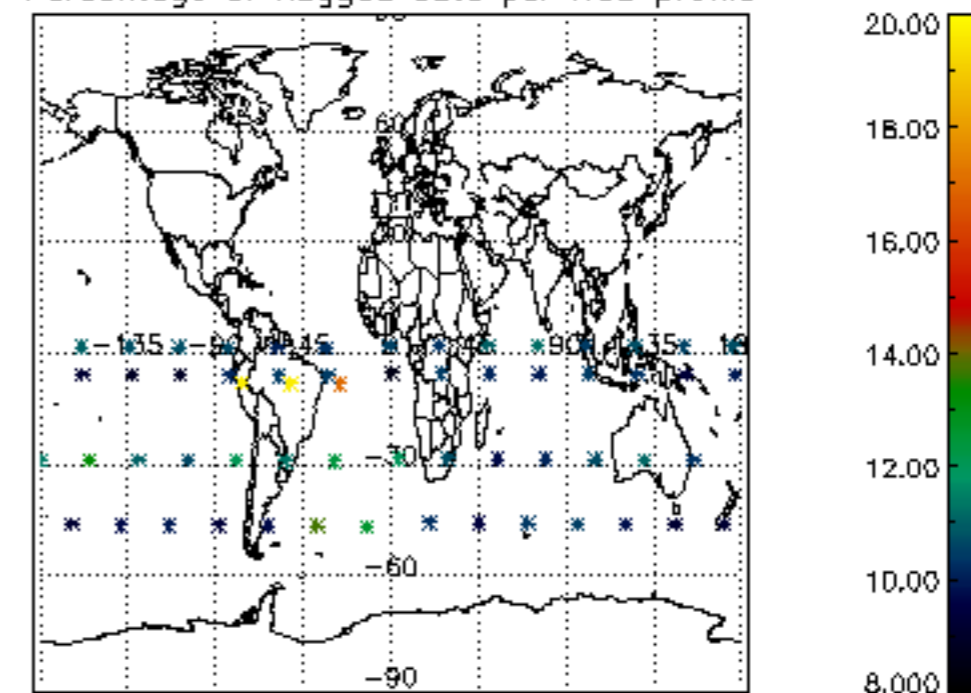
Percentage of flagged data per H2O profile

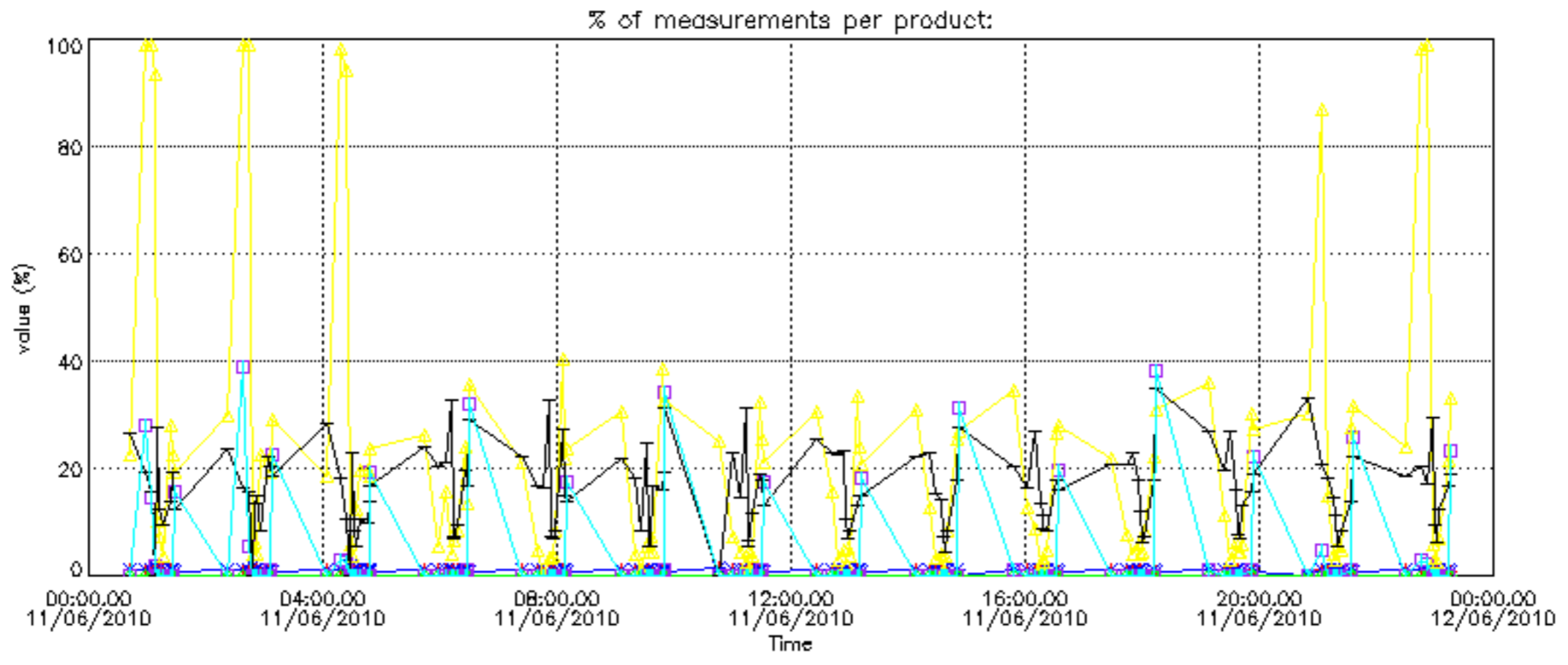


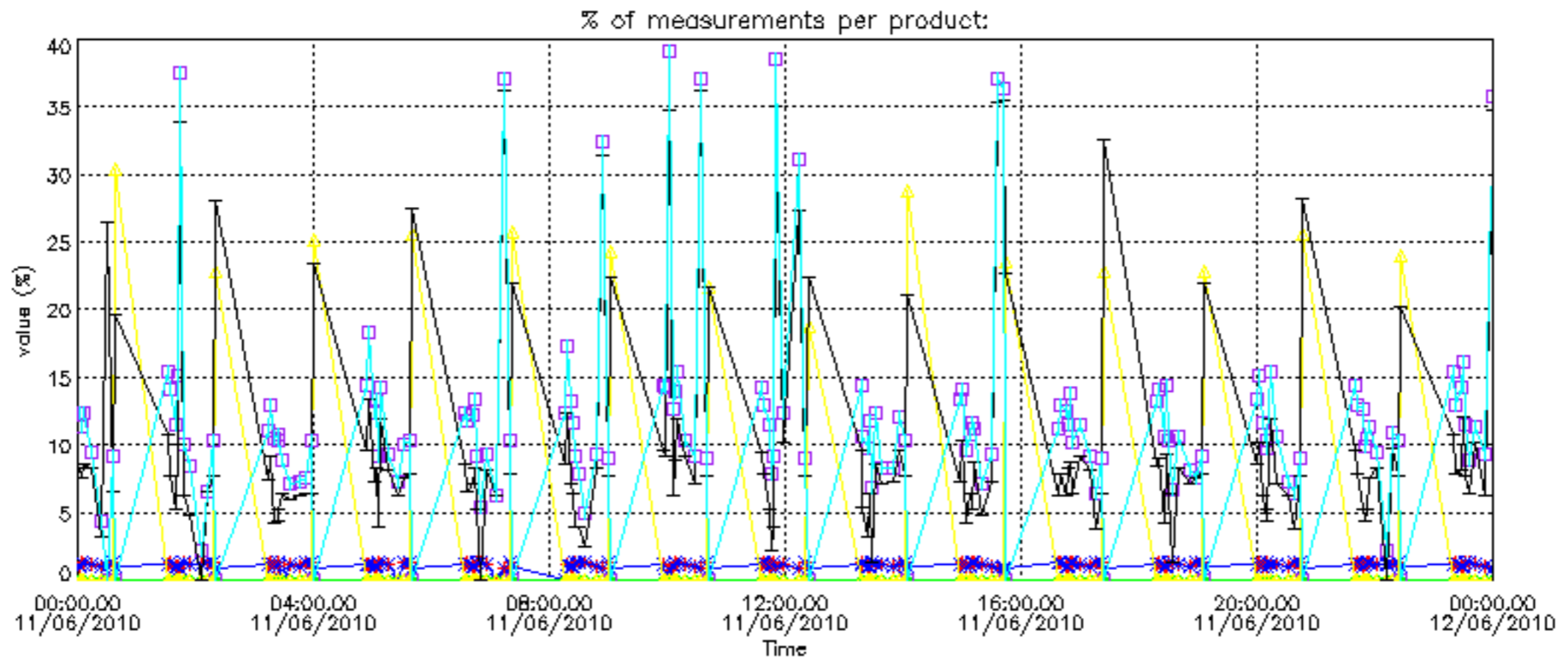
Percentage of flagged data per NO2 profile



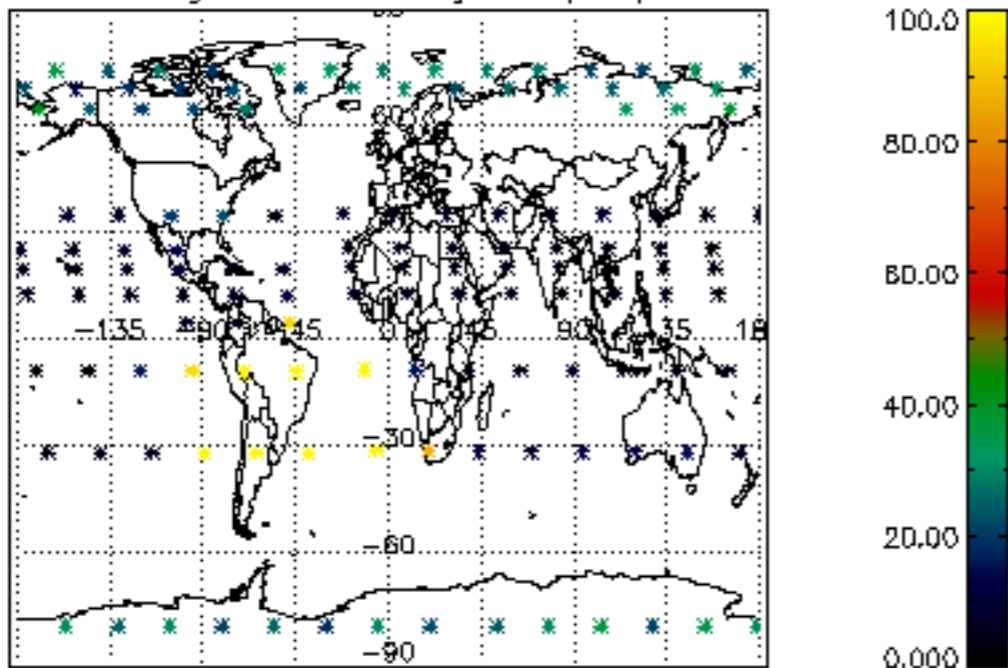
Percentage of flagged data per NO3 profile



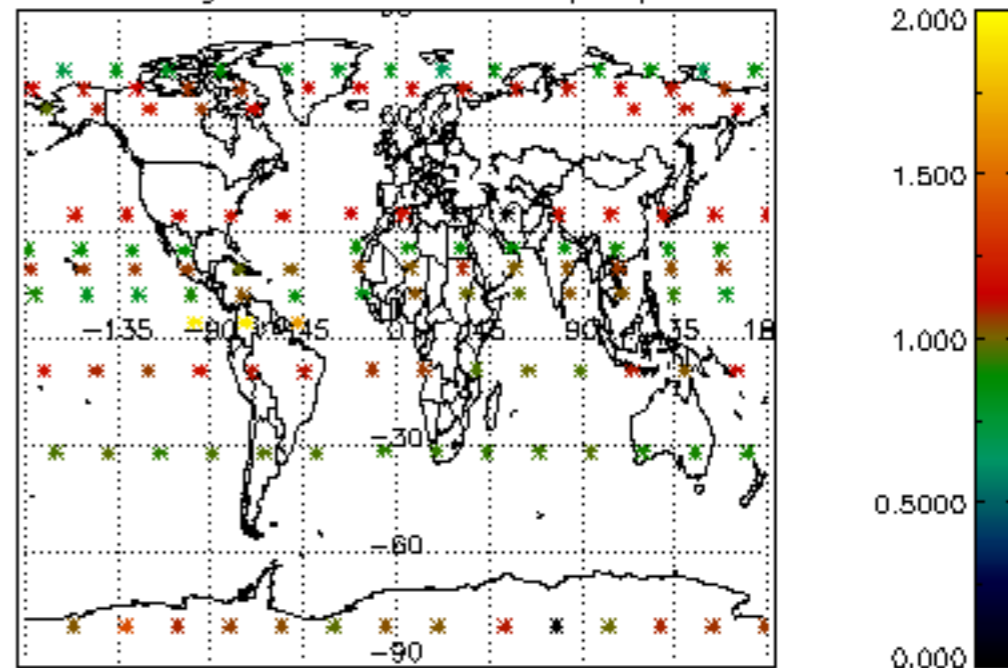




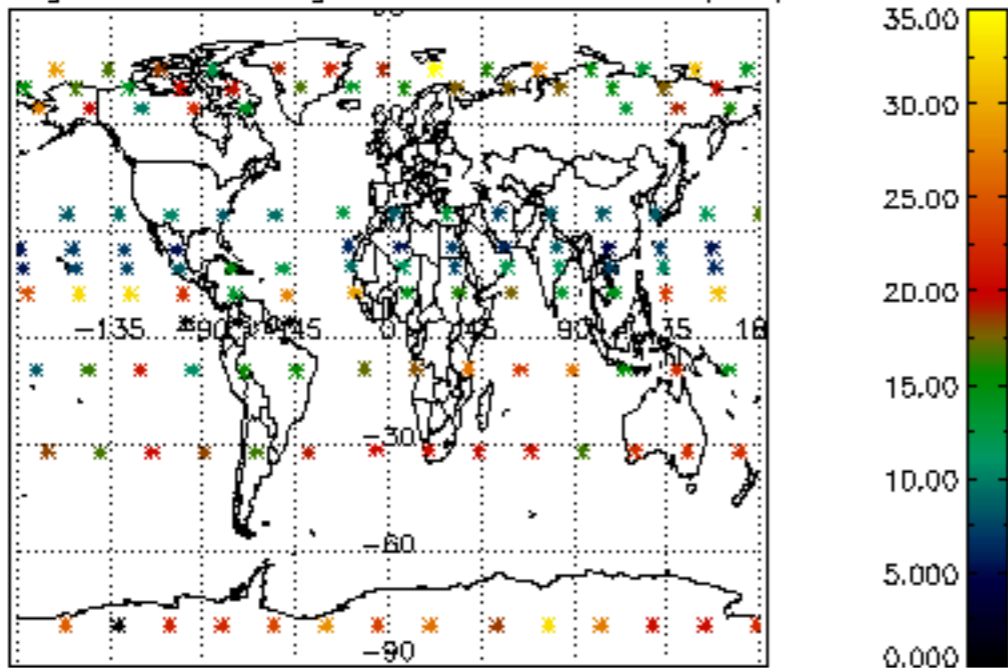
Percentage of cosmic ray hits per profile



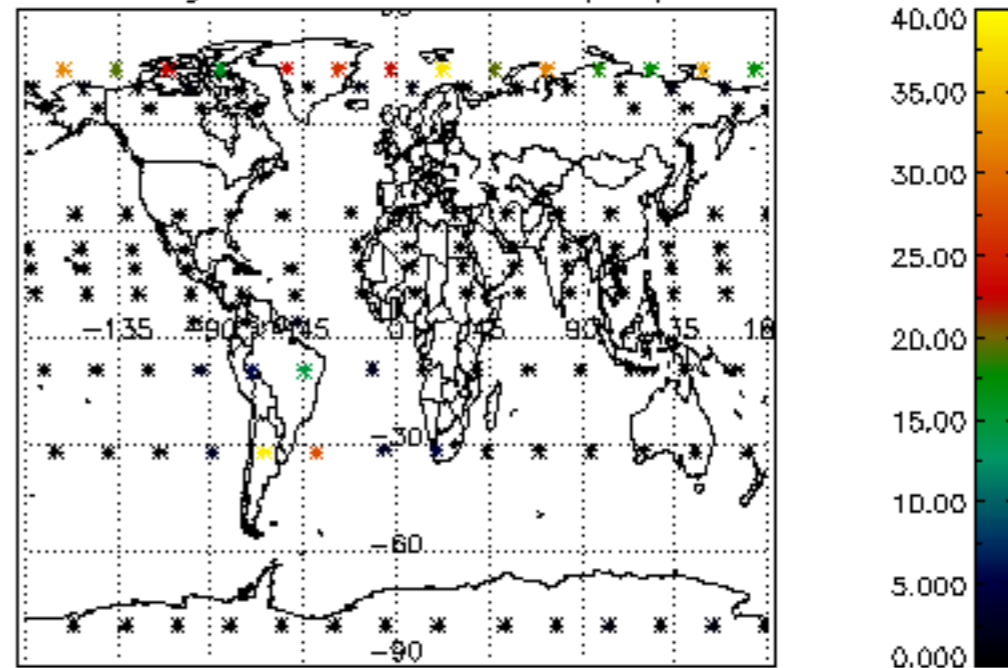
Percentage of datation errors per profile



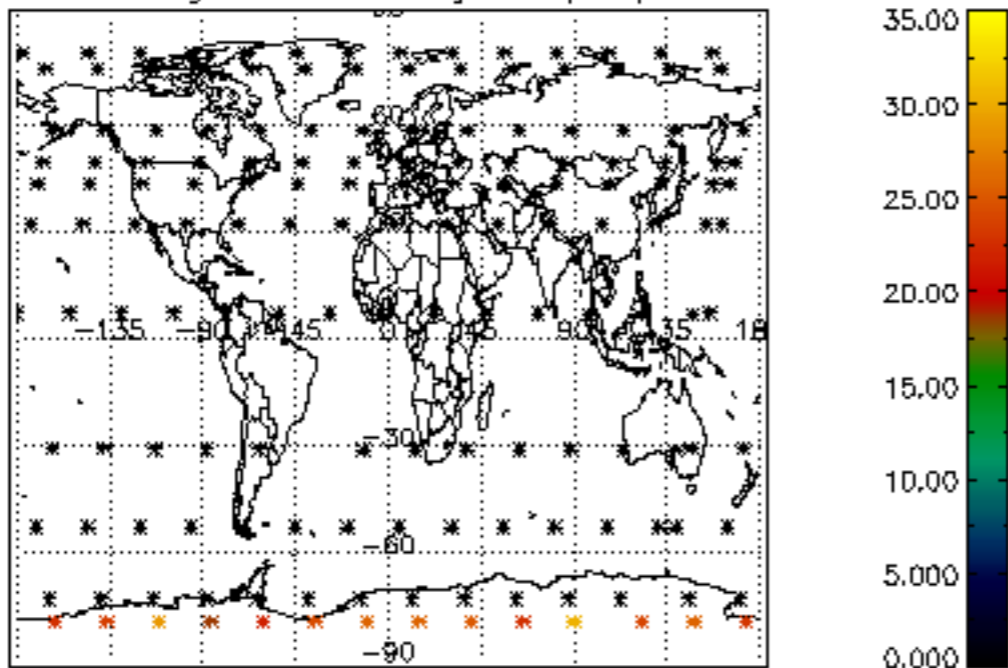
Percentage of star falling outside central band per profile



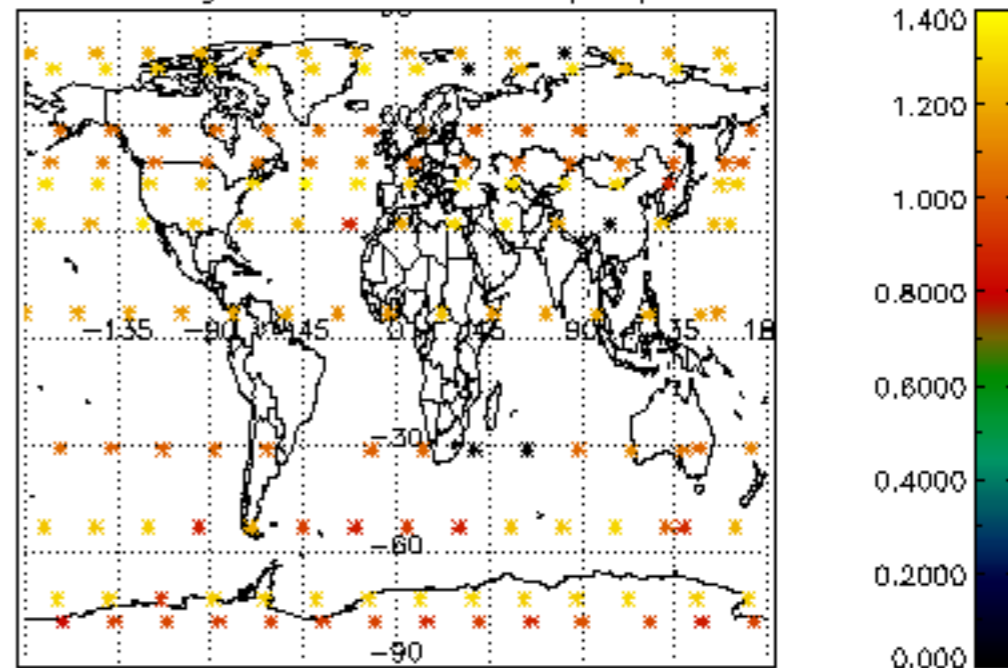
Percentage of saturation errors per profile



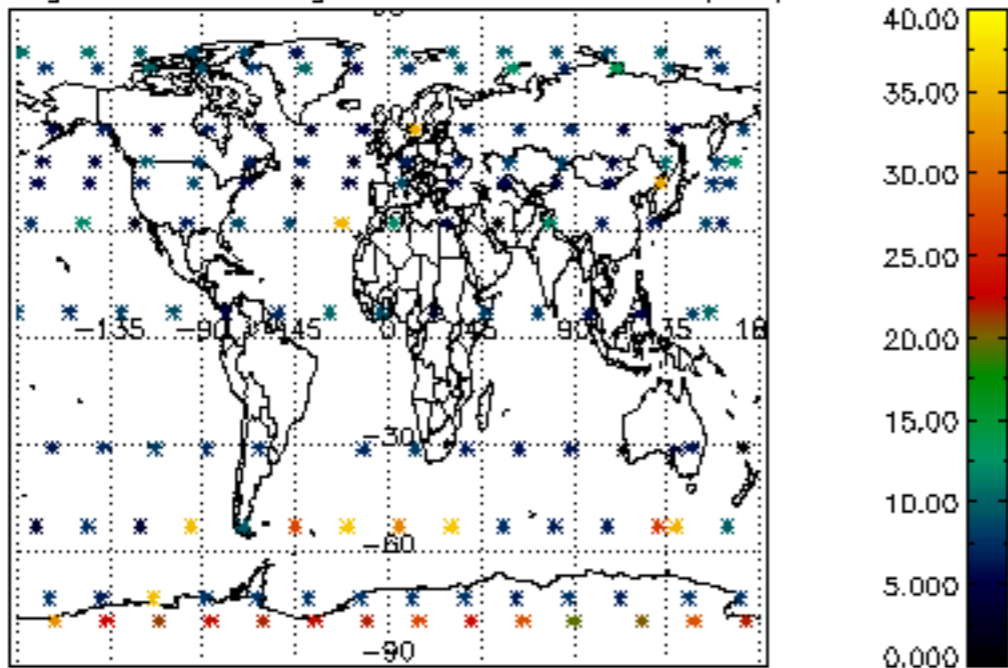
Percentage of cosmic ray hits per profile



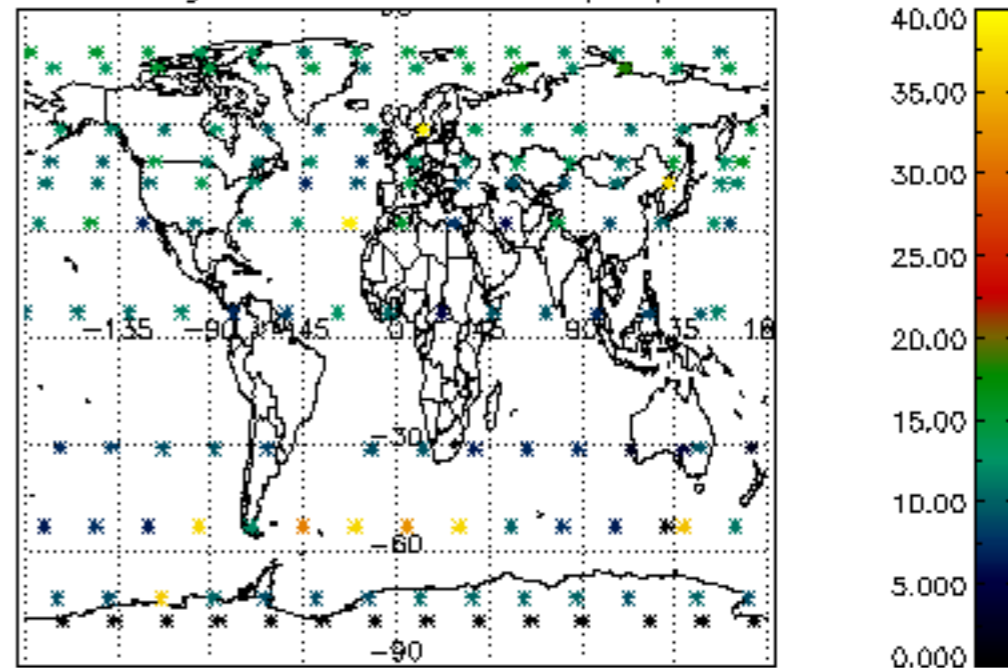
Percentage of datation errors per profile

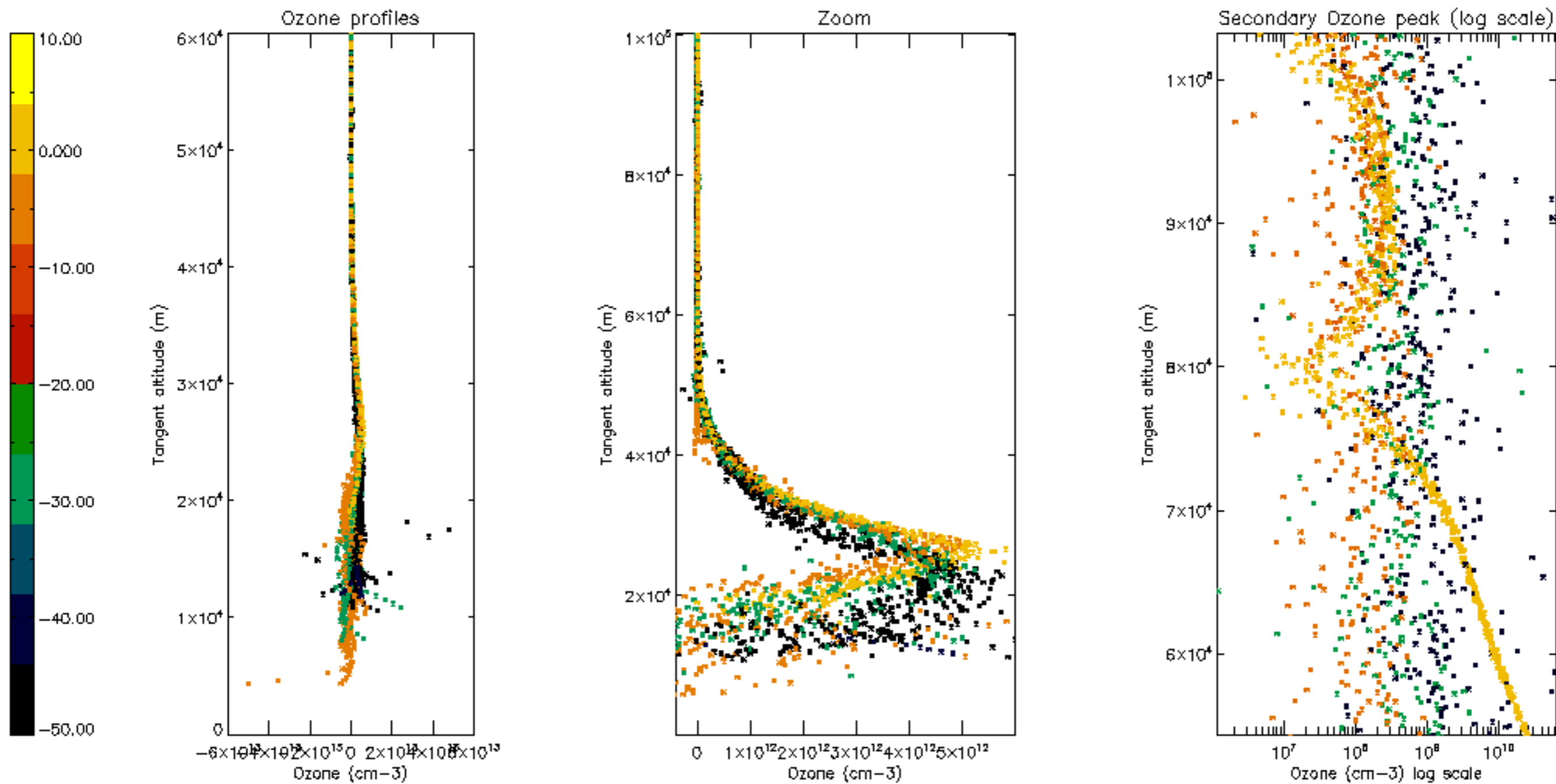


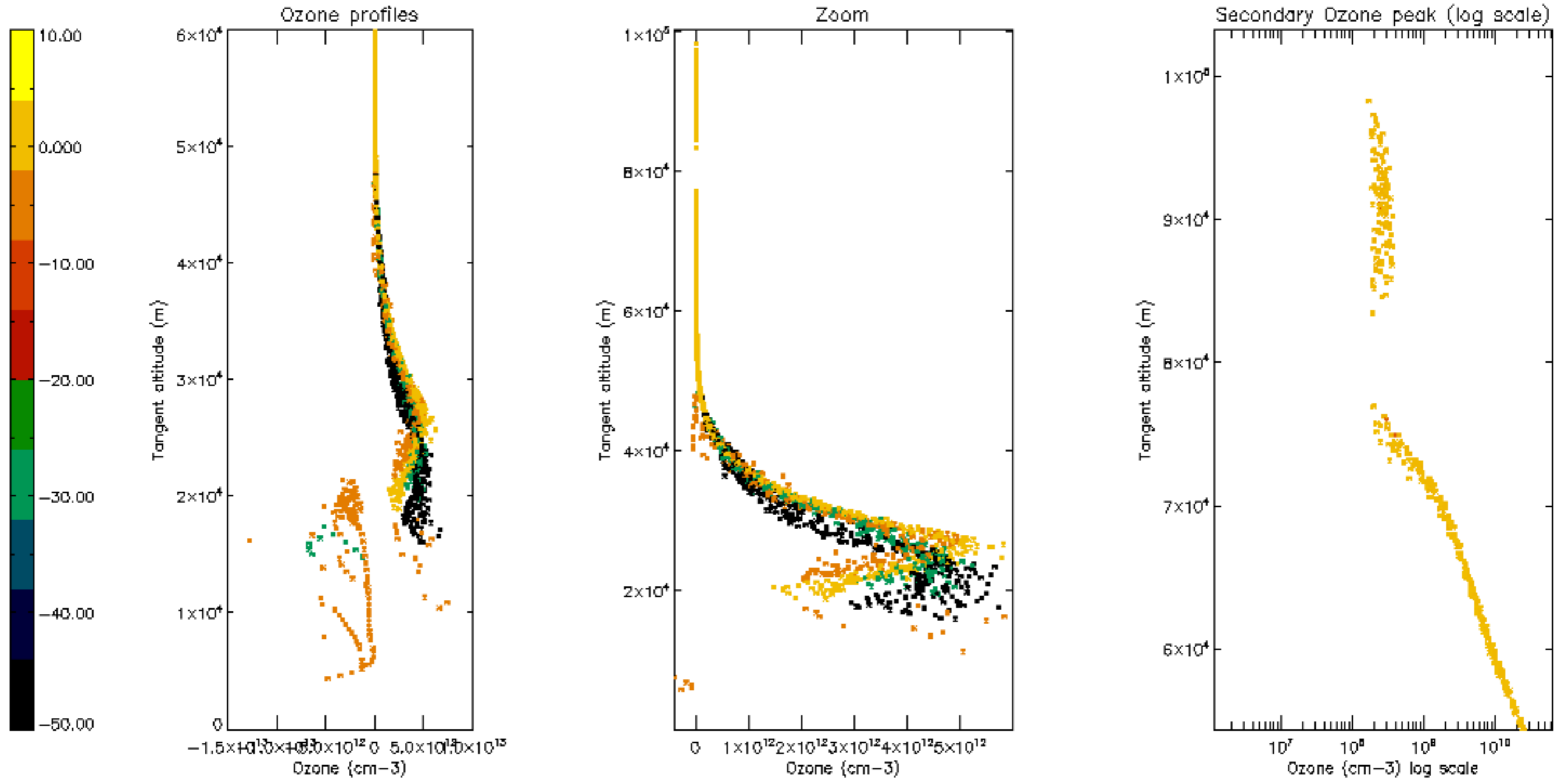
Percentage of star falling outside central band per profile

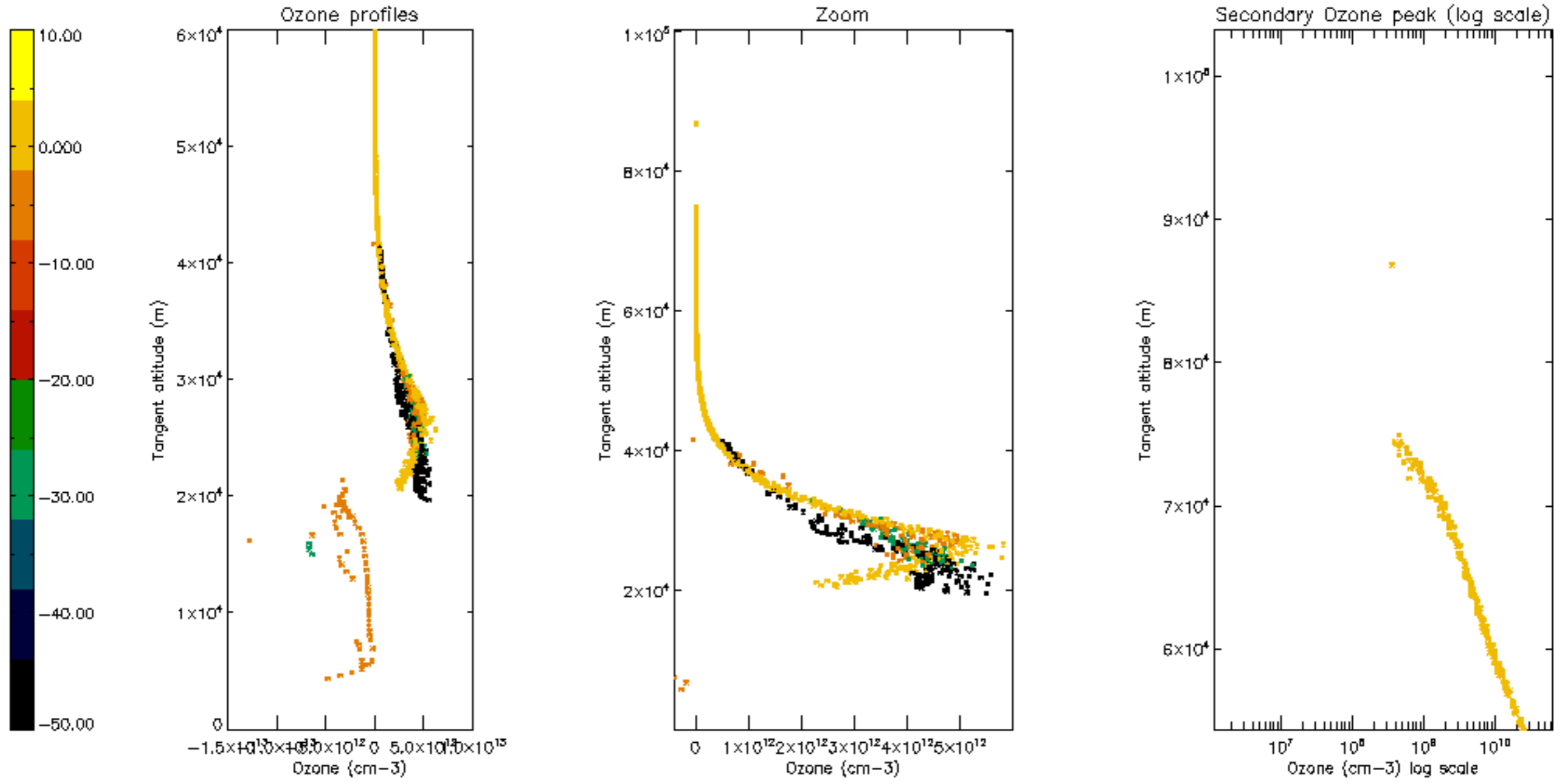


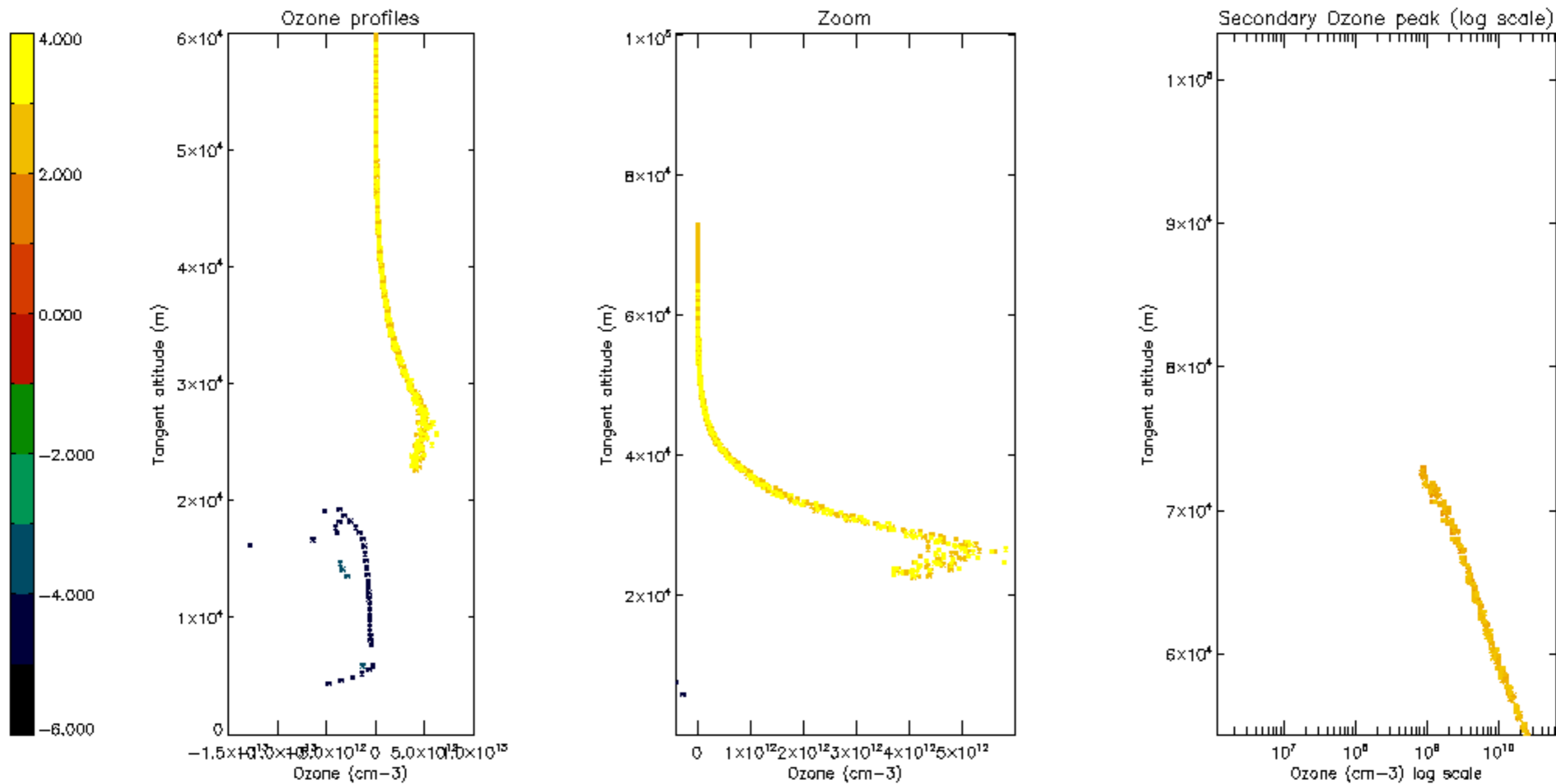
Percentage of saturation errors per profile

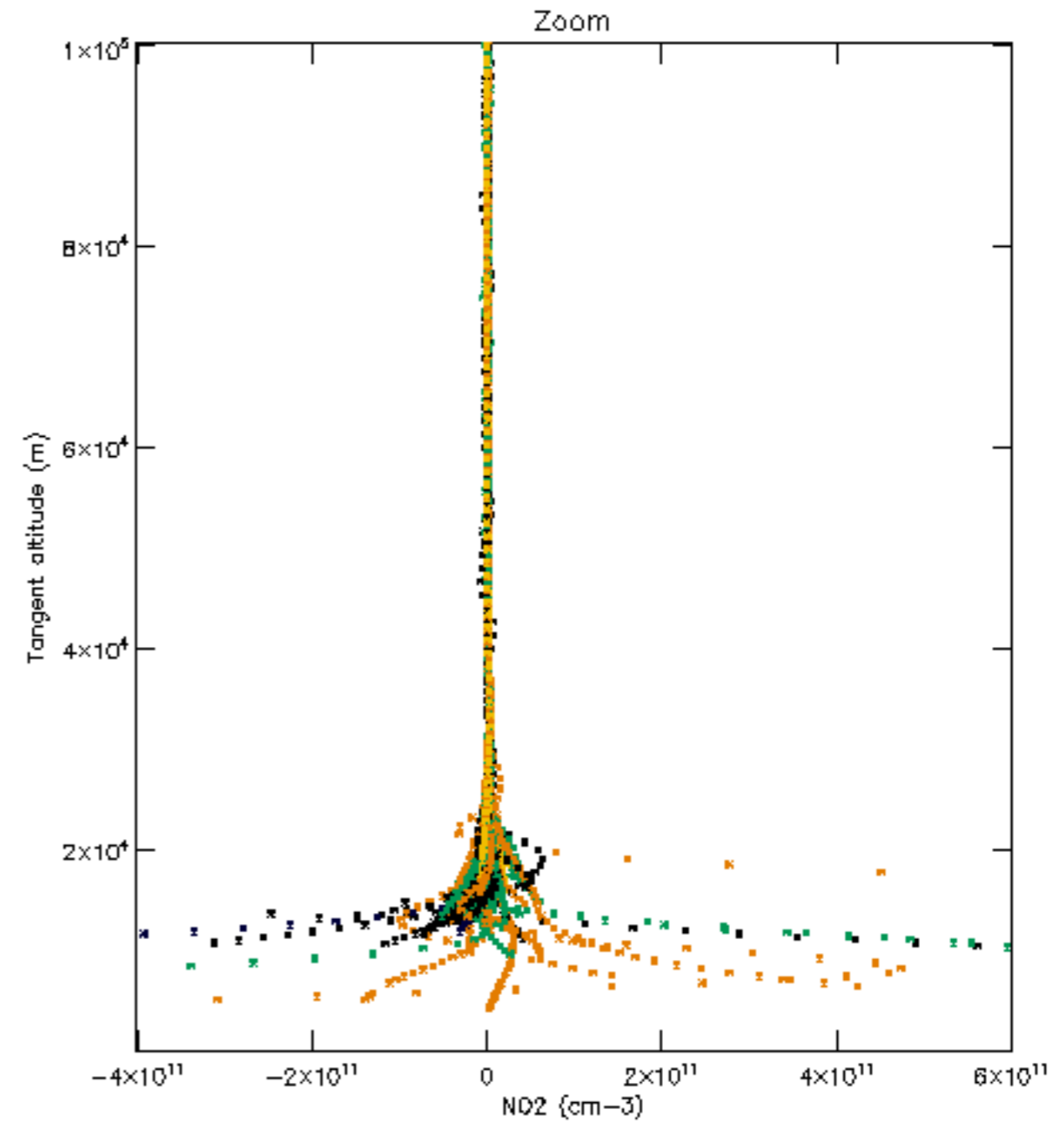
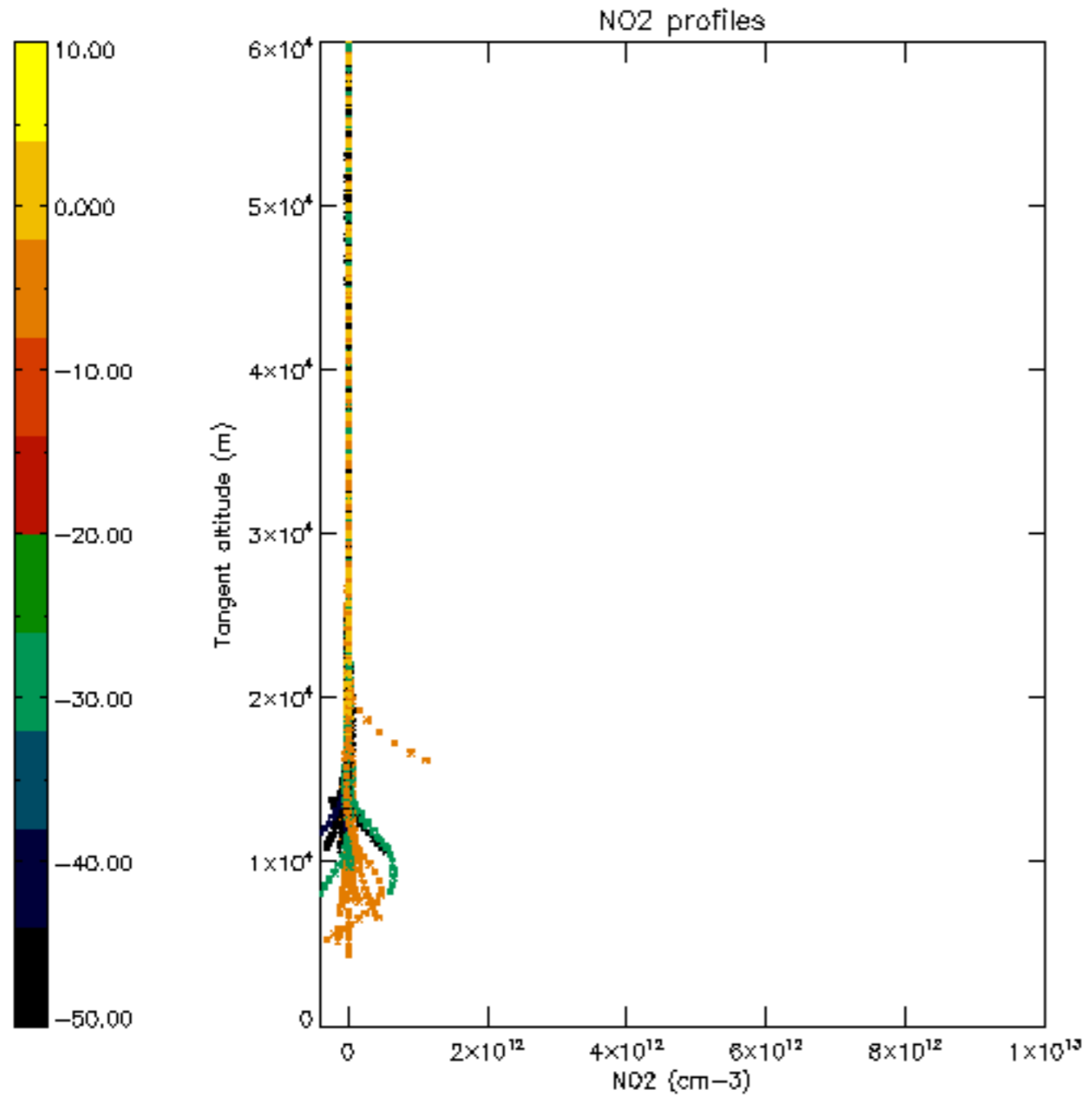


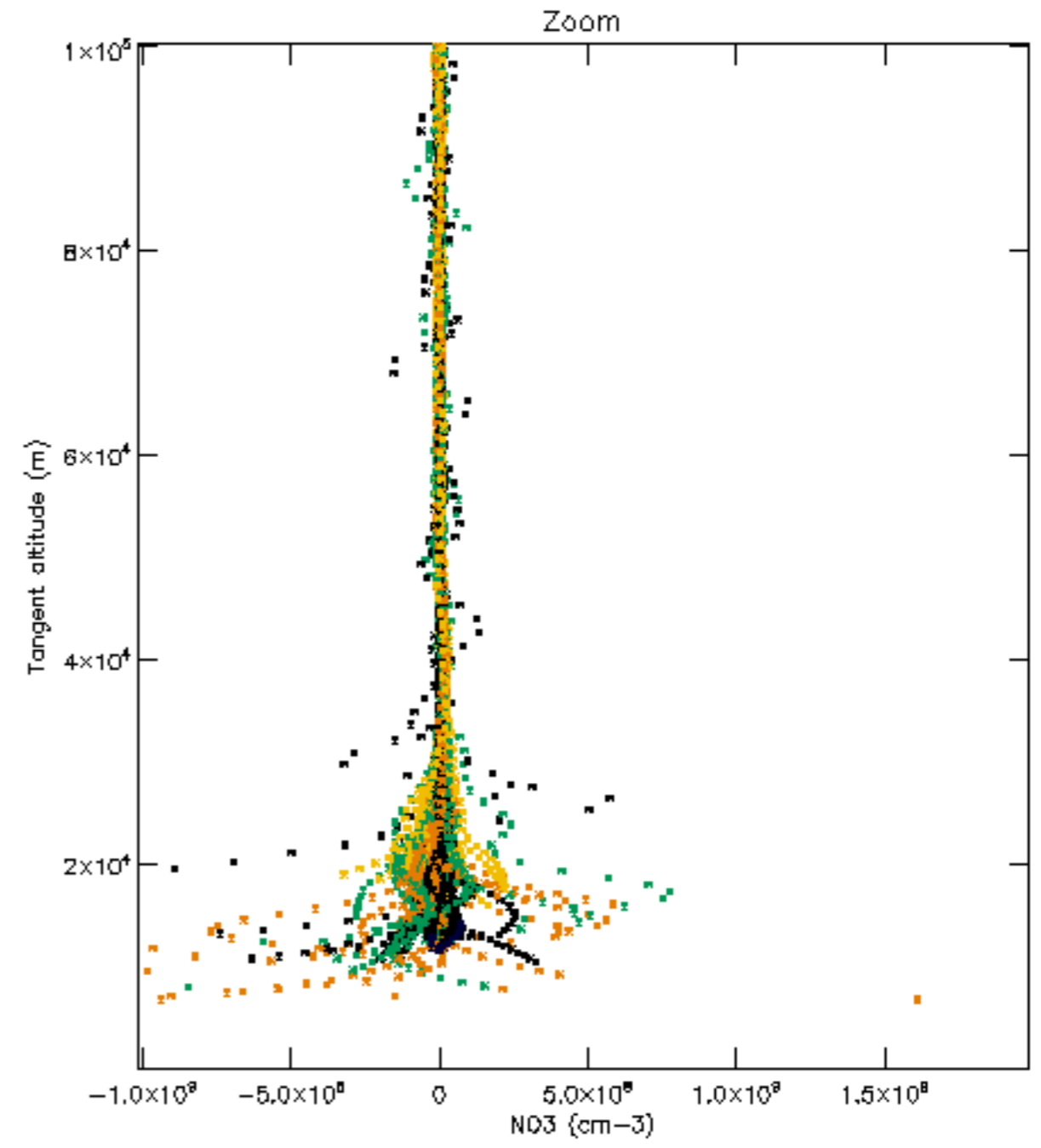
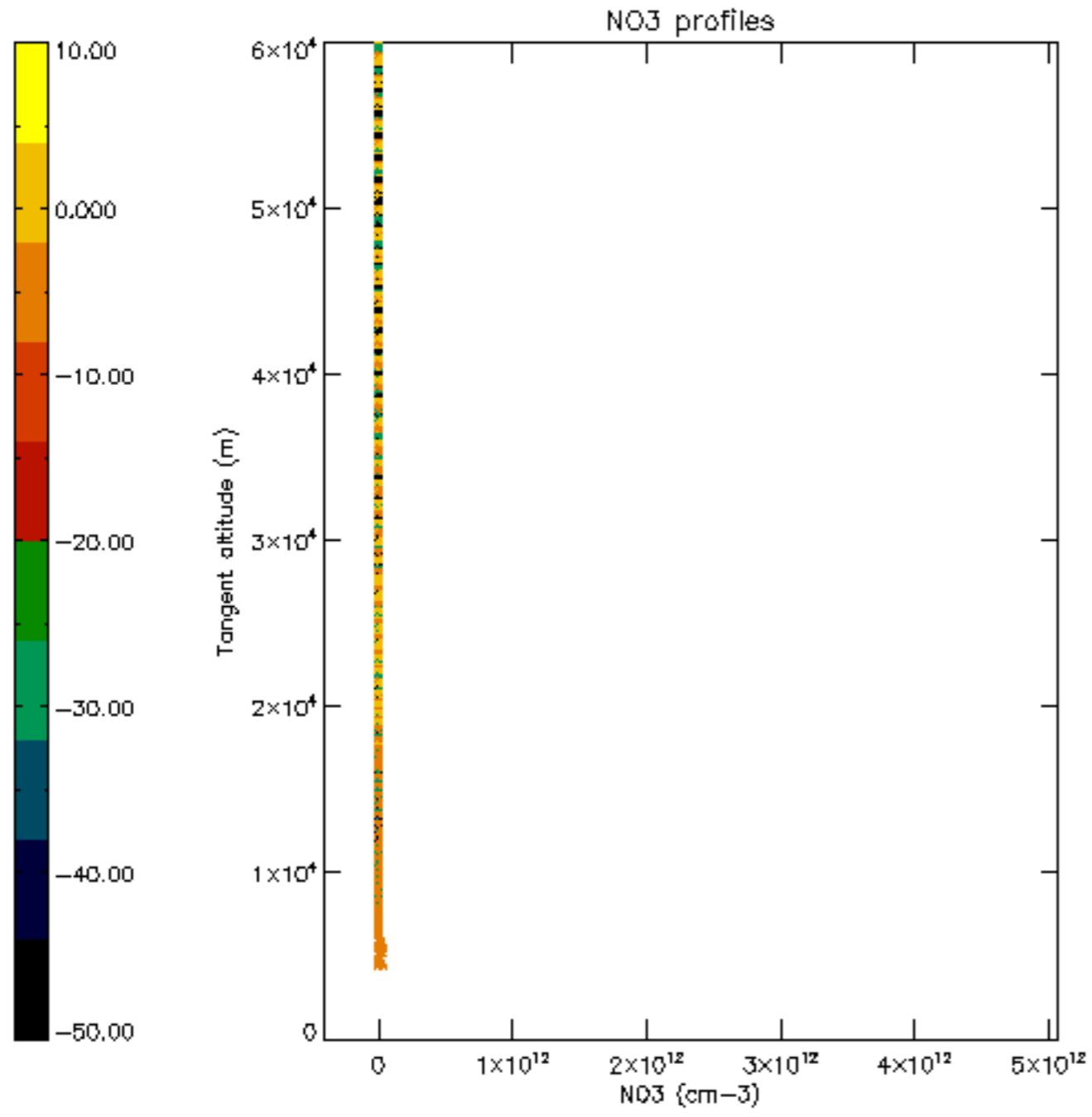


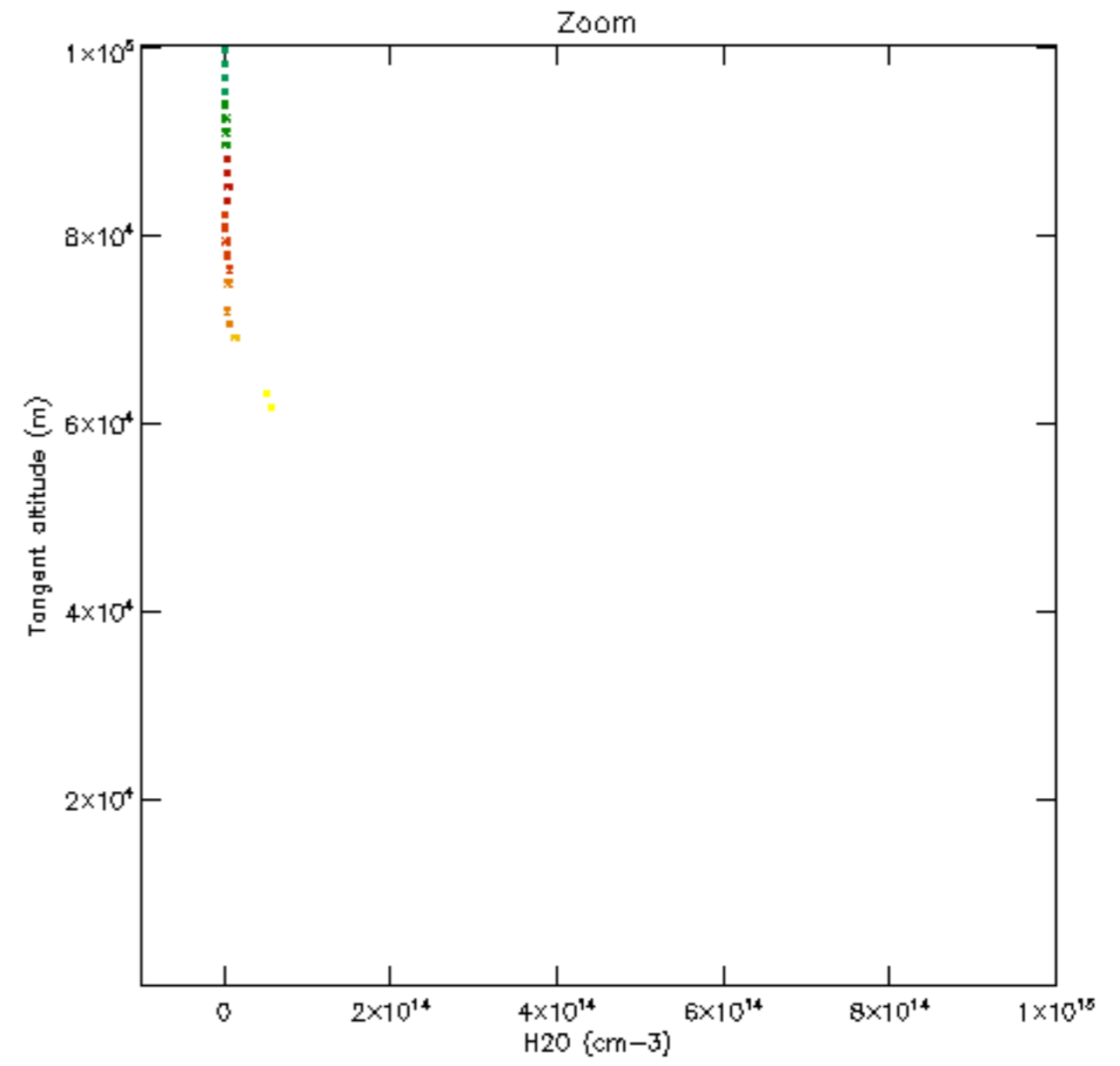
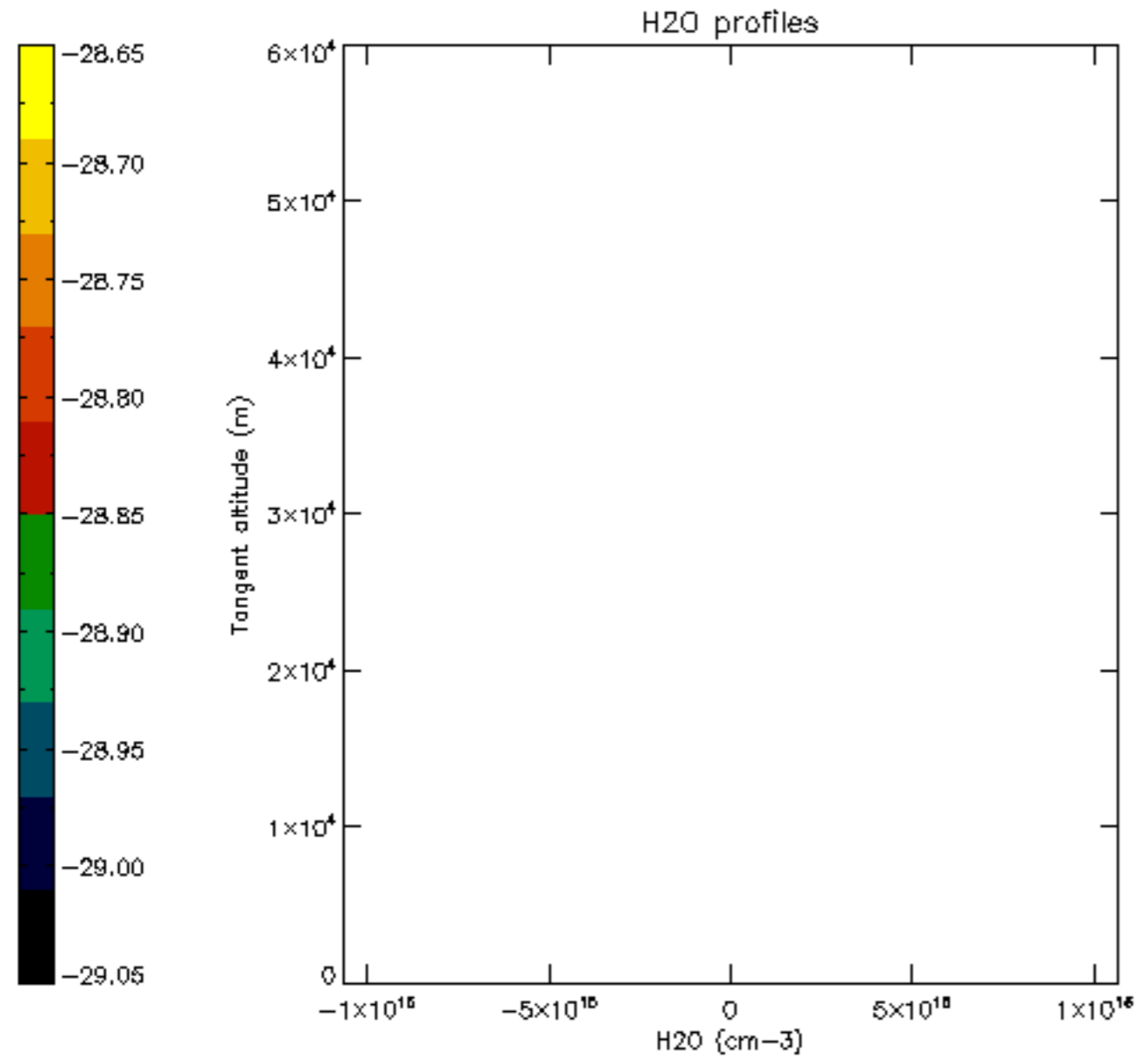


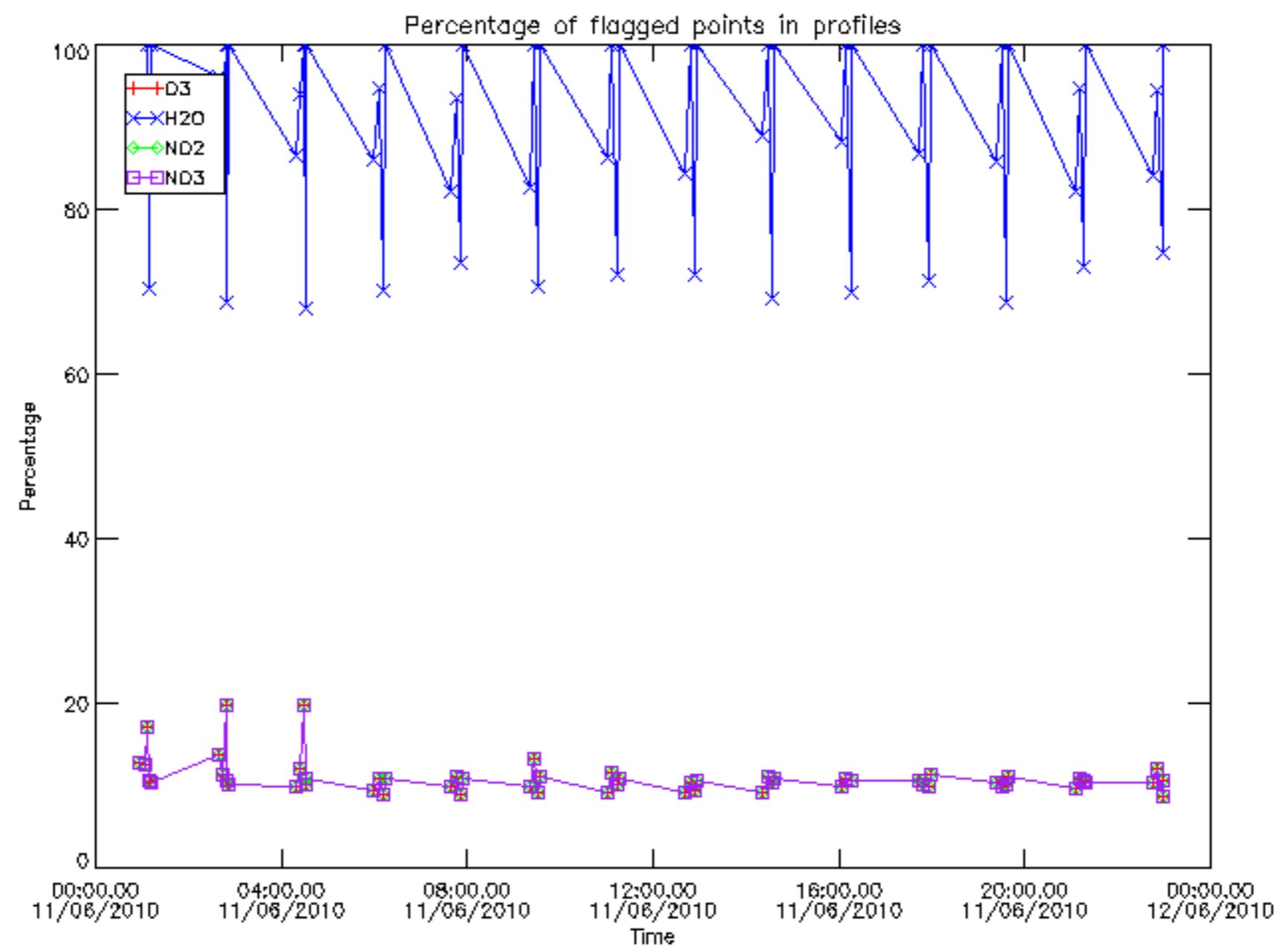




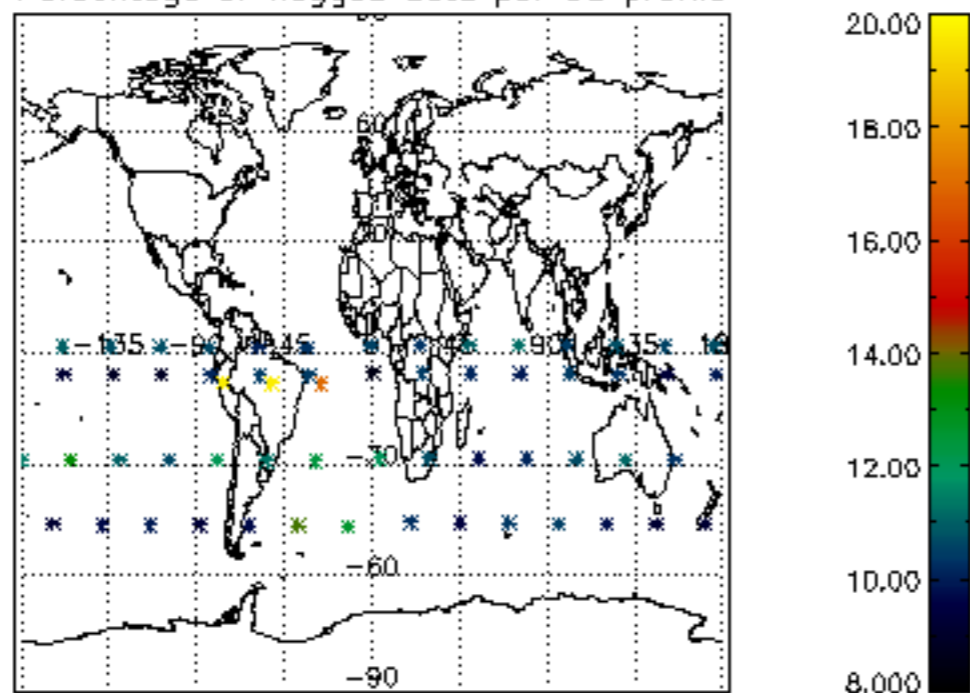




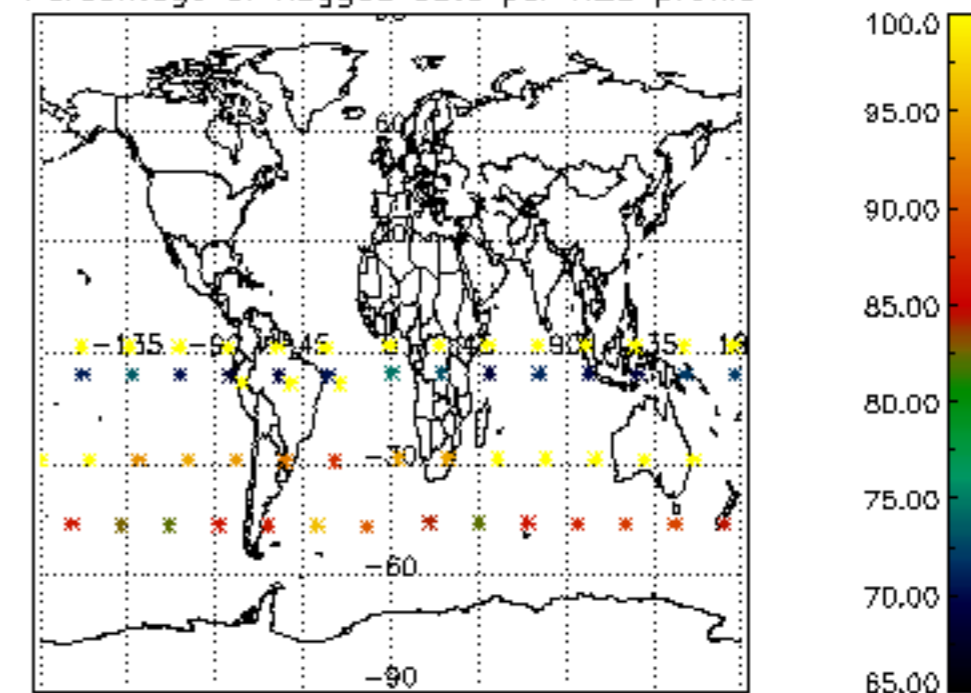




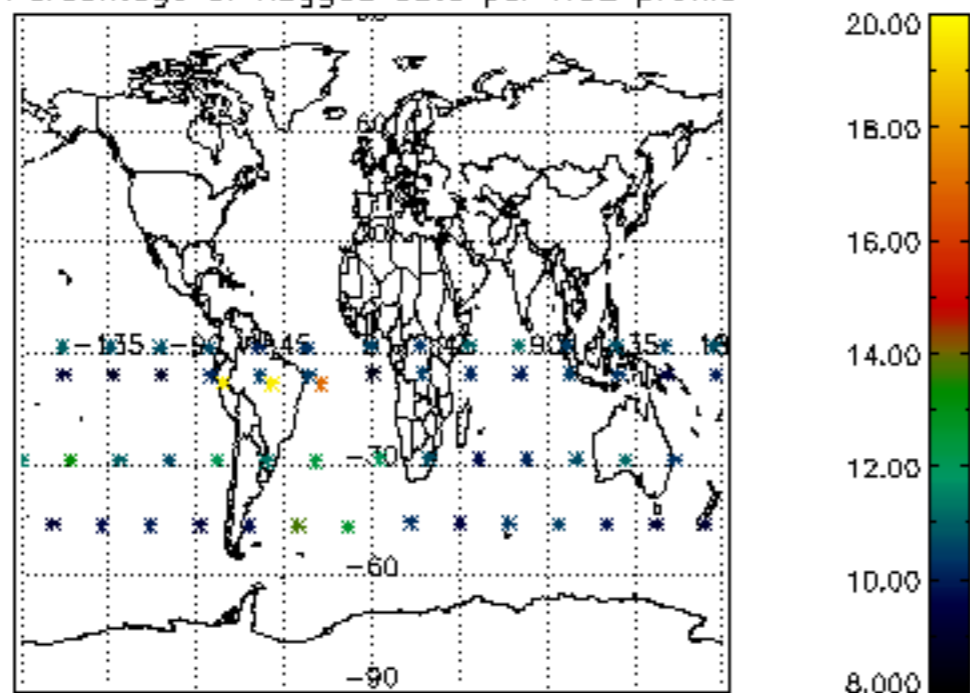
Percentage of flagged data per D3 profile



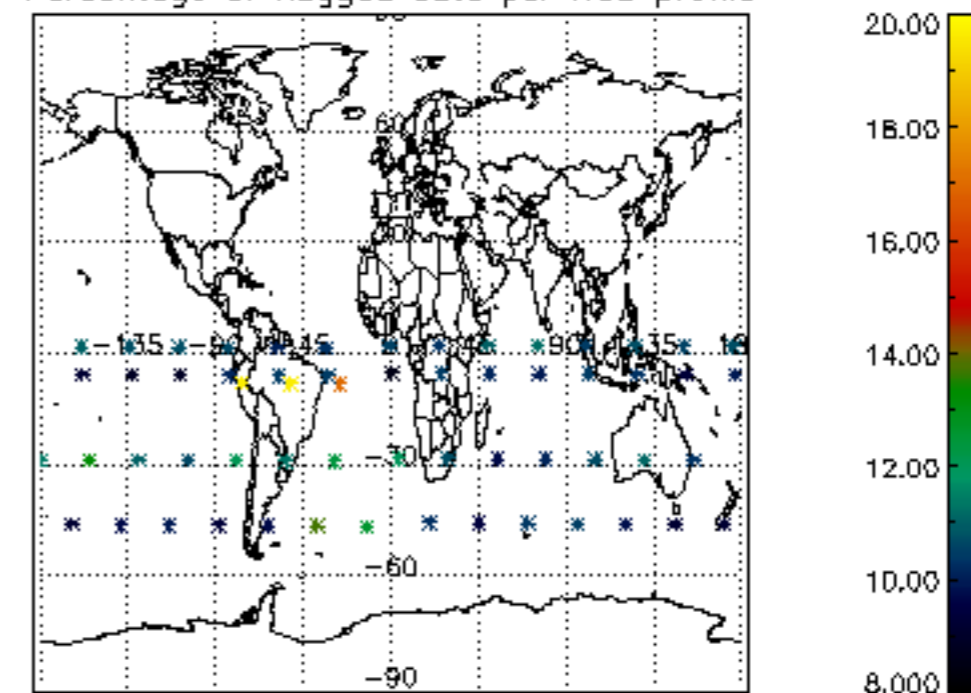
Percentage of flagged data per H2O profile

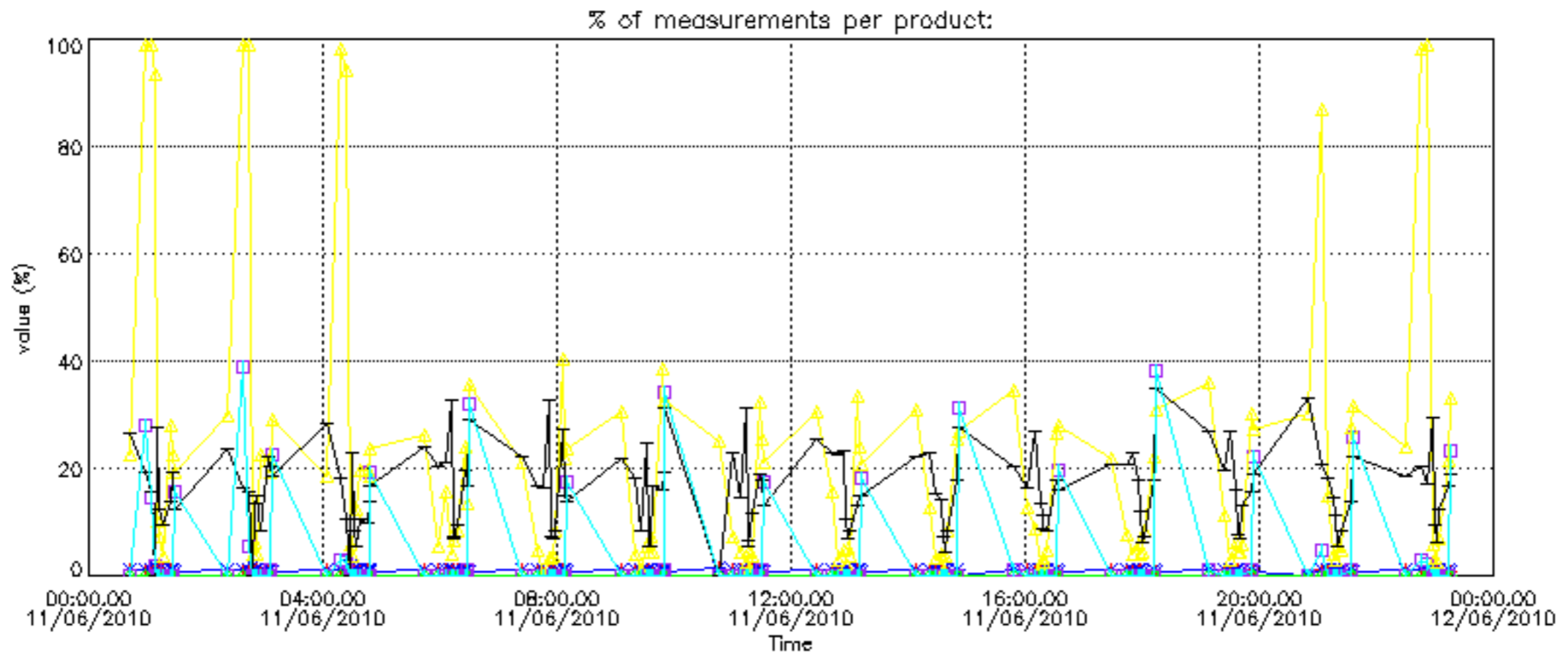


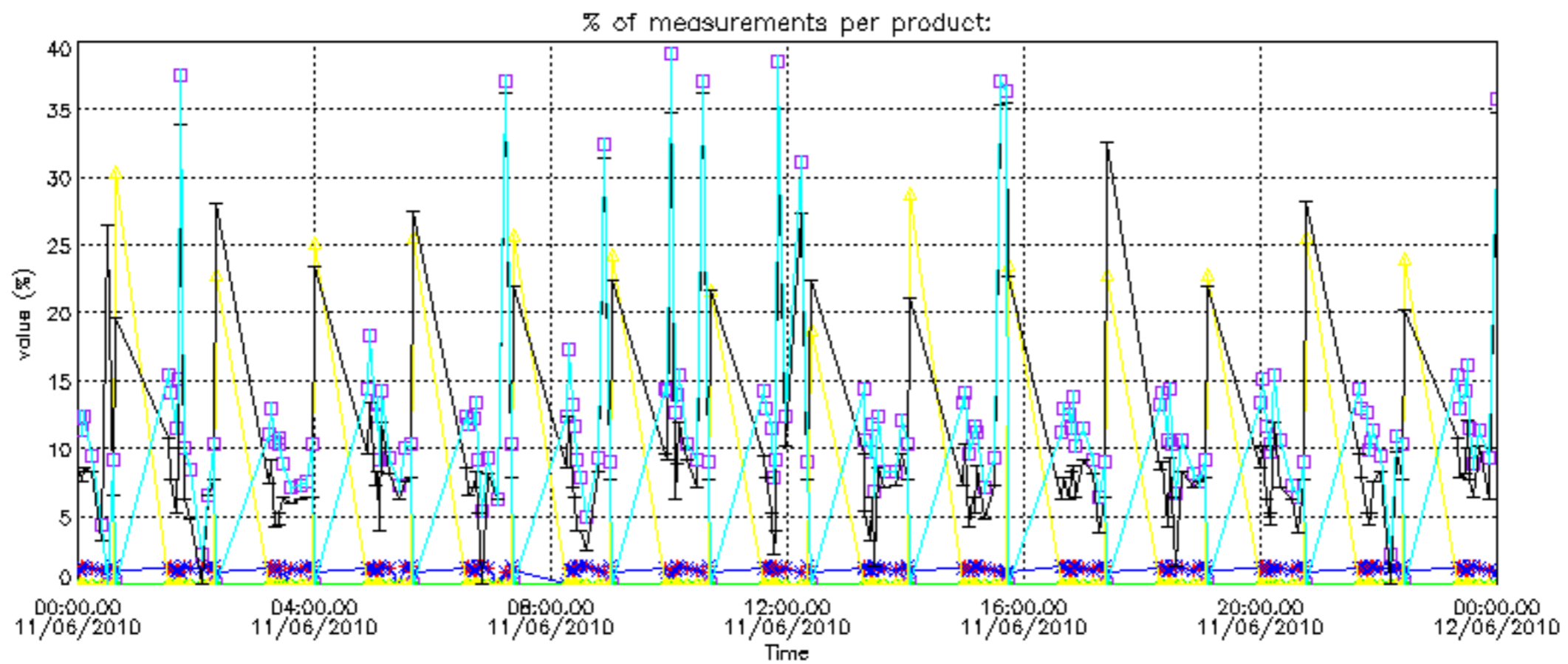
Percentage of flagged data per NO2 profile



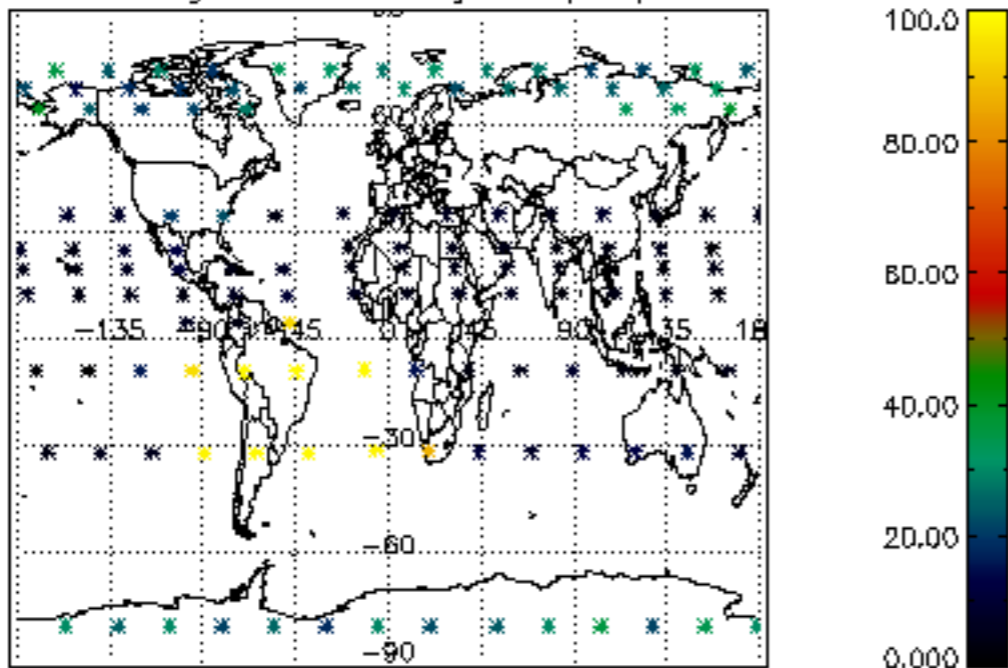
Percentage of flagged data per NO3 profile



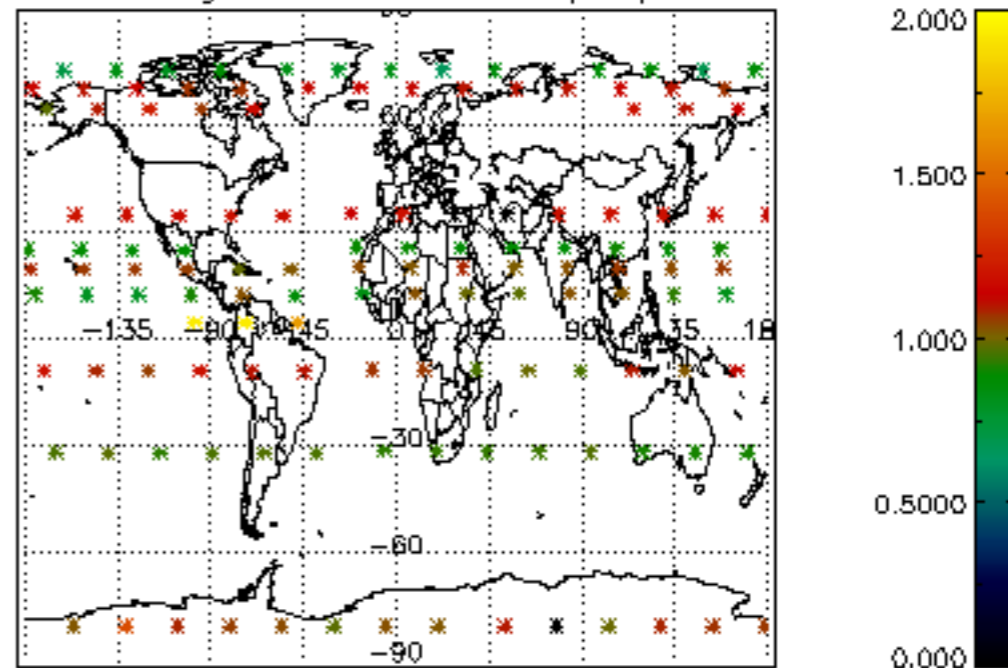




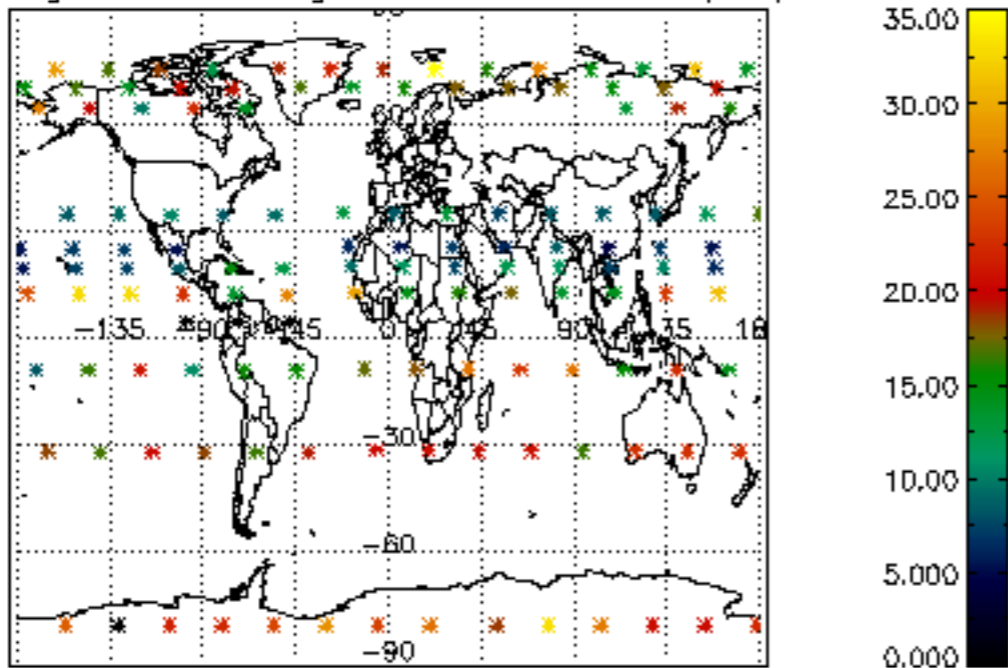
Percentage of cosmic ray hits per profile



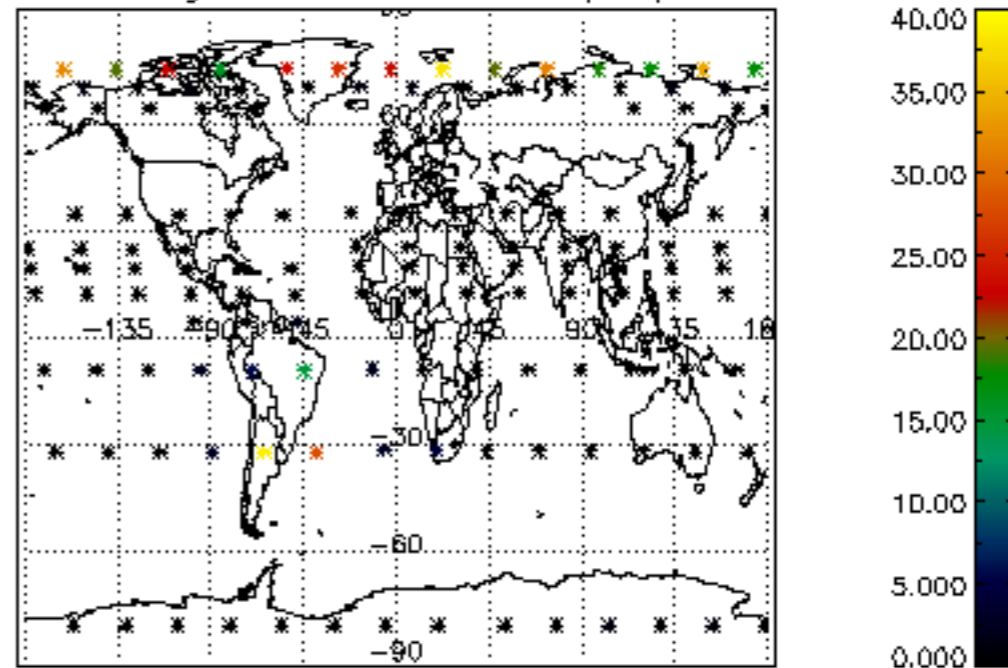
Percentage of datation errors per profile



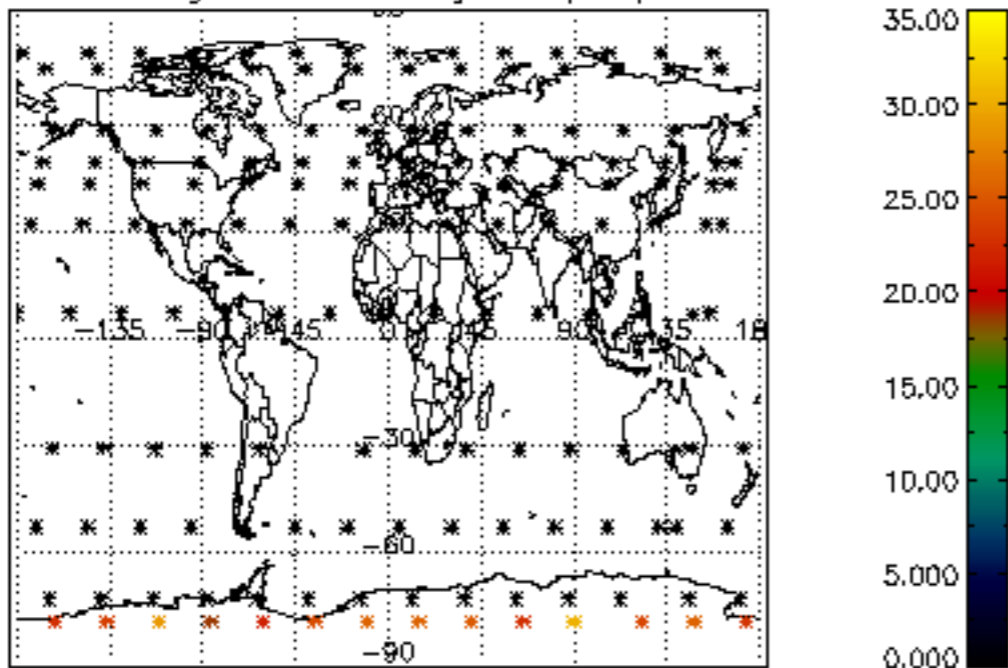
Percentage of star falling outside central band per profile



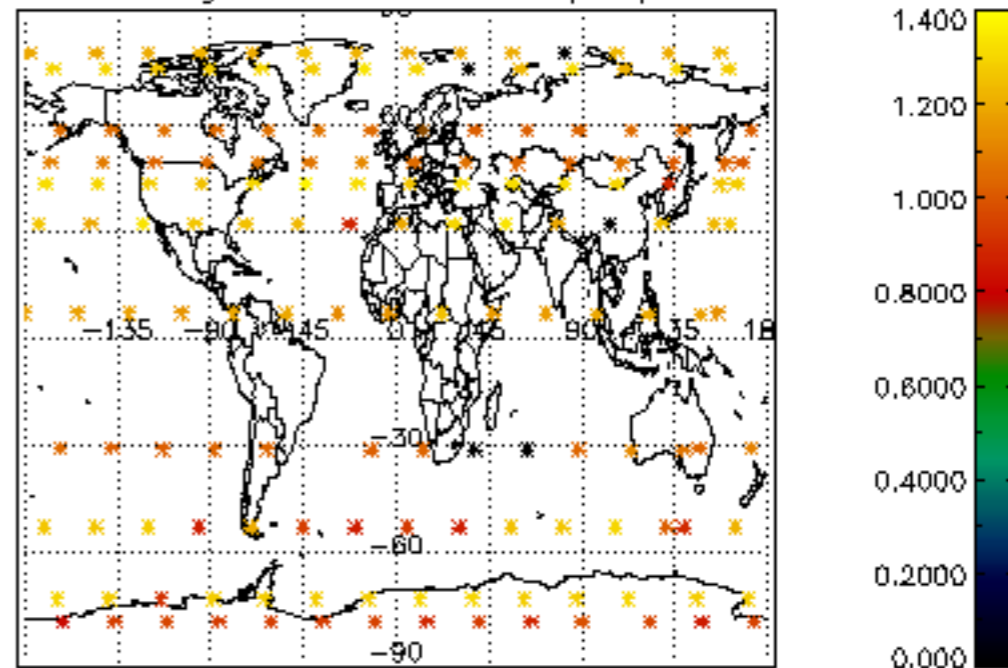
Percentage of saturation errors per profile



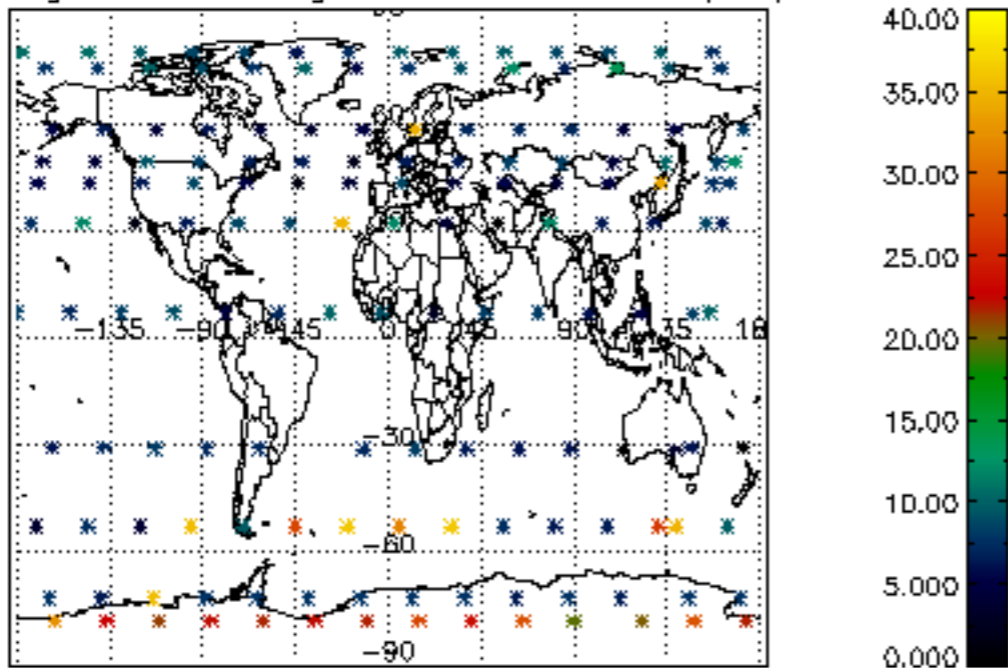
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

