

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 \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

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

[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](#)

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

[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 09:25:52
Data source version	GOMOS/6.01
Start time of products	07-04-2010 (07APR2010 00:00:00)
Stop time of products	08-04-2010 (08APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	300
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__2PRFIN20100407_000804_000000532088_00216_42354_4100.N1	07-APR-2010 00:08:04	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	42354	No
2	GOM_NL__2PRFIN20100407_001510_000000532088_00217_42355_4108.N1	07-APR-2010 00:15:10	Dark	53.000	40	The Sco	1.8590	7100.0	106	42355	No
3	GOM_NL__2PRFIN20100407_001800_000000402088_00217_42355_4109.N1	07-APR-2010 00:18:00	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42355	No
4	GOM_NL__2PRFIN20100407_002330_000000442088_00217_42355_4110.N1	07-APR-2010 00:23:30	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42355	No
5	GOM_NL__2PRFIN20100407_002507_000000452088_00217_42355_4111.N1	07-APR-2010 00:25:07	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42355	No
6	GOM_NL__2PRFIN20100407_002741_000000502088_00217_42355_4112.N1	07-APR-2010 00:27:41	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42355	No
7	GOM_NL__2PRFIN20100407_003317_000000442088_00217_42355_4113.N1	07-APR-2010 00:33:17	Twilight_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42355	No
8	GOM_NL__2PRFIN20100407_003511_000000442088_00217_42355_4114.N1	07-APR-2010 00:35:11	Twilight_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42355	No
9	GOM_NL__2PRFIN20100407_003649_000000512088_00217_42355_4115.N1	07-APR-2010 00:36:49	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42355	No
10	GOM_NL__2PRFIN20100407_003958_000000432088_00217_42355_4116.N1	07-APR-2010 00:39:58	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	42355	No
11	GOM_NL__2PRFIN20100407_004437_000000372088_00217_42355_4117.N1	07-APR-2010 00:44:37	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42355	No
12	GOM_NL__2PRFIN20100407_005236_000000422088_00217_42355_4118.N1	07-APR-2010 00:52:36	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42355	No
13	GOM_NL__2PRFIN20100407_005553_000000362088_00217_42355_4119.N1	07-APR-2010 00:55:53	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42355	No
14	GOM_NL__2PRFIN20100407_005727_000000402088_00217_42355_4120.N1	07-APR-2010 00:57:27	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	42355	No
15	GOM_NL__2PRFIN20100407_010352_000000372088_00217_42355_4121.N1	07-APR-2010 01:03:52	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42355	No
16	GOM_NL__2PRFIN20100407_011337_000000382088_00217_42355_4122.N1	07-APR-2010 01:13:37	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42355	No
17	GOM_NL__2PRFIN20100407_011851_000000442088_00217_42355_4123.N1	07-APR-2010 01:18:51	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	42355	No
18	GOM_NL__2PRFIN20100407_012032_000000492088_00217_42355_4124.N1	07-APR-2010 01:20:32	Bright	49.000	66	37Gam Cyg	2.2080	5900.0	98	42355	No
19	GOM_NL__2PRFIN20100407_012244_000000472088_00217_42355_4125.N1	07-APR-2010 01:22:44	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42355	No
20	GOM_NL__2PRFIN20100407_012933_000000532088_00217_42355_4126.N1	07-APR-2010 01:29:33	Twilight_stray	52.500	61	8Eps Peg	2.1000	3900.0	105	42355	No
21	GOM_NL__2PRFIN20100407_013418_000000462088_00217_42355_4127.N1	07-APR-2010 01:34:18	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42355	No
22	GOM_NL__2PRFIN20100407_014842_000000572088_00217_42355_4128.N1	07-APR-2010 01:48:42	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	42355	No
23	GOM_NL__2PRFIN20100407_015547_000000532088_00218_42356_4115.N1	07-APR-2010 01:55:47	Dark	52.500	40	The Sco	1.8590	7100.0	105	42356	No
24	GOM_NL__2PRFIN20100407_015836_000000392088_00218_42356_4116.N1	07-APR-2010 01:58:36	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	42356	No
25	GOM_NL__2PRFIN20100407_020406_000000472088_00218_42356_4117.N1	07-APR-2010 02:04:06	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42356	No
26	GOM_NL__2PRFIN20100407_020543_000000482088_00218_42356_4118.N1	07-APR-2010 02:05:43	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42356	No
27	GOM_NL__2PRFIN20100407_020818_000000552088_00218_42356_4119.N1	07-APR-2010 02:08:18	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	42356	No
28	GOM_NL__2PRFIN20100407_021354_000000442088_00218_42356_4120.N1	07-APR-2010 02:13:54	Twilight_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42356	No
29	GOM_NL__2PRFIN20100407_021547_000000452088_00218_42356_4121.N1	07-APR-2010 02:15:47	Twilight_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42356	No
30	GOM_NL__2PRFIN20100407_021725_000000532088_00218_42356_4122.N1	07-APR-2010 02:17:25	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	42356	No
31	GOM_NL__2PRFIN20100407_022033_000000432088_00218_42356_4123.N1	07-APR-2010 02:20:33	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	42356	No
32	GOM_NL__2PRFIN20100407_022512_000000372088_00218_42356_4124.N1	07-APR-2010 02:25:12	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42356	No
33	GOM_NL__2PRFIN20100407_023312_000000422088_00218_42356_4125.N1	07-APR-2010 02:33:12	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42356	No
34	GOM_NL__2PRFIN20100407_023629_000000362088_00218_42356_4126.N1	07-APR-2010 02:36:29	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42356	No
35	GOM_NL__2PRFIN20100407_023803_000000402088_00218_42356_4127.N1	07-APR-2010 02:38:03	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42356	No
36	GOM_NL__2PRFIN20100407_024428_000000542088_00218_42356_4128.N1	07-APR-2010 02:44:28	Bright	53.500	60	7Bet UMi	2.0810	3950.0	107	42356	No
37	GOM_NL__2PRFIN20100407_025413_000000392088_00218_42356_4129.N1	07-APR-2010 02:54:13	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42356	No
38	GOM_NL__2PRFIN20100407_025927_000000452088_00218_42356_4130.N1	07-APR-2010 02:59:27	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	42356	No
39	GOM_NL__2PRFIN20100407_030108_000000672088_00218_42356_4131.N1	07-APR-2010 03:01:08	Bright	67.000	66	37Gam Cyg	2.2080	5900.0	134	42356	No
40	GOM_NL__2PRFIN20100407_030320_000000472088_00218_42356_4132.N1	07-APR-2010 03:03:20	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42356	No
41	GOM_NL__2PRFIN20100407_031010_000000502088_00218_42356_4133.N1	07-APR-2010 03:10:10	Twilight_stray	49.500	61	8Eps Peg	2.1000	3900.0	99	42356	No
42	GOM_NL__2PRFIN20100407_031454_000000442088_00218_42356_4134.N1	07-APR-2010 03:14:54	Dark	43.500	154	22Bet Aqr	2.8990	5700.0	87	42356	No

161	GOM_NL__2PRFIN20100407_124136_000000392088_00224_42362_3187.N1	07-APR-2010 12:41:36	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42362	No
162	GOM_NL__2PRFIN20100407_124801_000000442088_00224_42362_3188.N1	07-APR-2010 12:48:01	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	42362	No
163	GOM_NL__2PRFIN20100407_125748_000000392088_00224_42362_3189.N1	07-APR-2010 12:57:48	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42362	No
164	GOM_NL__2PRFIN20100407_130302_000000622088_00224_42362_3190.N1	07-APR-2010 13:03:02	Bright	62.000	19	50Alp Cyg	1.2460	10500.	124	42362	No
165	GOM_NL__2PRFIN20100407_130444_000000502088_00224_42362_3191.N1	07-APR-2010 13:04:44	Bright	49.500	66	37Gam Cyg	2.2080	5900.0	99	42362	No
166	GOM_NL__2PRFIN20100407_130657_000000472088_00224_42362_3192.N1	07-APR-2010 13:06:57	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42362	No
167	GOM_NL__2PRFIN20100407_131347_000000492088_00224_42362_3193.N1	07-APR-2010 13:13:47	Twi_and_stray	49.000	61	8Eps Peg	2.1000	3900.0	98	42362	No
168	GOM_NL__2PRFIN20100407_131833_000000442088_00224_42362_3194.N1	07-APR-2010 13:18:33	Dark	44.000	154	22Bet Aqr	2.8990	5700.0	88	42362	No
169	GOM_NL__2PRFIN20100407_133302_000000522088_00224_42362_3195.N1	07-APR-2010 13:33:02	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	42362	No
170	GOM_NL__2PRFIN20100407_134006_000000562088_00225_42363_3183.N1	07-APR-2010 13:40:06	Dark	56.000	40	The Sco	1.8590	7100.0	112	42363	No
171	GOM_NL__2PRFIN20100407_134251_000000392088_00225_42363_3184.N1	07-APR-2010 13:42:51	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42363	No
172	GOM_NL__2PRFIN20100407_134822_000000422088_00225_42363_3185.N1	07-APR-2010 13:48:22	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42363	No
173	GOM_NL__2PRFIN20100407_134958_000000482088_00225_42363_3186.N1	07-APR-2010 13:49:58	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42363	No
174	GOM_NL__2PRFIN20100407_135232_000000522088_00225_42363_3187.N1	07-APR-2010 13:52:32	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42363	No
175	GOM_NL__2PRFIN20100407_135806_000000442088_00225_42363_3188.N1	07-APR-2010 13:58:06	Twi_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42363	No
176	GOM_NL__2PRFIN20100407_140000_000000412088_00225_42363_3189.N1	07-APR-2010 14:00:00	Twi_and_stray	40.500	100	4Gam Crv	2.5800	13100.	81	42363	No
177	GOM_NL__2PRFIN20100407_140137_000000532088_00225_42363_3190.N1	07-APR-2010 14:01:37	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	42363	No
178	GOM_NL__2PRFIN20100407_140445_000000422088_00225_42363_3191.N1	07-APR-2010 14:04:45	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	42363	No
179	GOM_NL__2PRFIN20100407_140924_000000372088_00225_42363_3192.N1	07-APR-2010 14:09:24	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42363	No
180	GOM_NL__2PRFIN20100407_141720_000000422088_00225_42363_3193.N1	07-APR-2010 14:17:20	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42363	No
181	GOM_NL__2PRFIN20100407_142040_000000382088_00225_42363_3194.N1	07-APR-2010 14:20:40	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42363	No
182	GOM_NL__2PRFIN20100407_142212_000000412088_00225_42363_3195.N1	07-APR-2010 14:22:12	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42363	No
183	GOM_NL__2PRFIN20100407_142837_000000392088_00225_42363_3196.N1	07-APR-2010 14:28:37	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42363	No
184	GOM_NL__2PRFIN20100407_143824_000000392088_00225_42363_3197.N1	07-APR-2010 14:38:24	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42363	No
185	GOM_NL__2PRFIN20100407_144338_000000472088_00225_42363_3198.N1	07-APR-2010 14:43:38	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42363	No
186	GOM_NL__2PRFIN20100407_144520_000000492088_00225_42363_3199.N1	07-APR-2010 14:45:20	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	42363	No
187	GOM_NL__2PRFIN20100407_144732_000000482088_00225_42363_3200.N1	07-APR-2010 14:47:32	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	42363	No
188	GOM_NL__2PRFIN20100407_145424_000000482088_00225_42363_3201.N1	07-APR-2010 14:54:24	Twi_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42363	No
189	GOM_NL__2PRFIN20100407_145909_000000432088_00225_42363_3202.N1	07-APR-2010 14:59:09	Dark	42.500	154	22Bet Aqr	2.8990	5700.0	85	42363	No
190	GOM_NL__2PRFIN20100407_151340_000000522088_00225_42363_3203.N1	07-APR-2010 15:13:40	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	42363	No
191	GOM_NL__2PRFIN20100407_152043_000000522088_00226_42364_3191.N1	07-APR-2010 15:20:43	Dark	51.500	40	The Sco	1.8590	7100.0	103	42364	No
192	GOM_NL__2PRFIN20100407_152328_000000392088_00226_42364_3192.N1	07-APR-2010 15:23:28	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	42364	No
193	GOM_NL__2PRFIN20100407_152858_000000442088_00226_42364_3193.N1	07-APR-2010 15:28:58	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42364	No
194	GOM_NL__2PRFIN20100407_153035_000000472088_00226_42364_3194.N1	07-APR-2010 15:30:35	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42364	No
195	GOM_NL__2PRFIN20100407_153309_000000522088_00226_42364_3195.N1	07-APR-2010 15:33:09	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42364	No
196	GOM_NL__2PRFIN20100407_153843_000000442088_00226_42364_3196.N1	07-APR-2010 15:38:43	Twi_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42364	No
197	GOM_NL__2PRFIN20100407_154036_000000442088_00226_42364_3197.N1	07-APR-2010 15:40:36	Twi_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42364	No
198	GOM_NL__2PRFIN20100407_154212_000000522088_00226_42364_3198.N1	07-APR-2010 15:42:12	Bright	52.000	15	67Alp Vir	0.97600	28000.	104	42364	No
199	GOM_NL__2PRFIN20100407_154520_000000412088_00226_42364_3199.N1	07-APR-2010 15:45:20	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42364	No
200	GOM_NL__2PRFIN20100407_155000_000000372088_00226_42364_3200.N1	07-APR-2010 15:50:00	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42364	No
201	GOM_NL__2PRFIN20100407_155756_000000412088_00226_42364_3201.N1	07-APR-2010 15:57:56	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42364	No
202	GOM_NL__2PRFIN20100407_160115_000000382088_00226_42364_3202.N1	07-APR-2010 16:01:15	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42364	No
203	GOM_NL__2PRFIN20100407_160247_000000392088_00226_42364_3203.N1	07-APR-2010 16:02:47	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42364	No
204	GOM_NL__2PRFIN20100407_160913_000000372088_00226_42364_3204.N1	07-APR-2010 16:09:13	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42364	No
205	GOM_NL__2PRFIN20100407_161859_000000402088_00226_42364_3205.N1	07-APR-2010 16:18:59	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42364	No
206	GOM_NL__2PRFIN20100407_162414_000000442088_00226_42364_3206.N1	07-APR-2010 16:24:14	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	42364	No
207	GOM_NL__2PRFIN20100407_162556_000000492088_00226_42364_3207.N1	07-APR-2010 16:25:56	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	42364	No
208	GOM_NL__2PRFIN20100407_162809_000000482088_00226_42364_3208.N1	07-APR-2010 16:28:09	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42364	No
209	GOM_NL__2PRFIN20100407_163500_000000482088_00226_42364_3209.N1	07-APR-2010 16:35:00	Twi_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42364	No
210	GOM_NL__2PRFIN20100407_163946_000000462088_00226_42364_3210.N1	07-APR-2010 16:39:46	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42364	No
211	GOM_NL__2PRFIN20100407_165417_000000482088_00226_42364_3211.N1	07-APR-2010 16:54:17	Dark	48.000	103	38Zet Sgr	2.6000	9700.0	96	42364	No
212	GOM_NL__2PRFIN20100407_170120_000000512088_00227_42365_3208.N1	07-APR-2010 17:01:20	Dark	51.000	40	The Sco	1.8590	7100.0	102	42365	No
213	GOM_NL__2PRFIN20100407_170404_000000412088_00227_42365_3209.N1	07-APR-2010 17:04:04	Dark	41.000	134	Bet TrA	2.8100	6600.0	82	42365	No
214	GOM_NL__2PRFIN20100407_170935_000000442088_00227_42365_3210.N1	07-APR-2010 17:09:35	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42365	No
215	GOM_NL__2PRFIN20100407_171112_000000442088_00227_42365_3211.N1	07-APR-2010 17:11:12	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42365	No
216	GOM_NL__2PRFIN20100407_171345_000000512088_00227_42365_3212.N1	07-APR-2010 17:13:45	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42365	No
217	GOM_NL__2PRFIN20100407_171919_000000432088_00227_42365_3213.N1	07-APR-2010 17:19:19	Twi_and_stray	43.000	106	9Bet Crv	2.6480	5600.0	86	42365	No
218	GOM_NL__2PRFIN20100407_172112_000000442088_00227_42365_3214.N1	07-APR-2010 17:21:12	Twi_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42365	No
219	GOM_NL__2PRFIN20100407_172249_000000522088_00227_42365_3215.N1	07-APR-2010 17:22:49	Bright	51.500	15	67Alp Vir	0.97600	28000.	103	42365	No

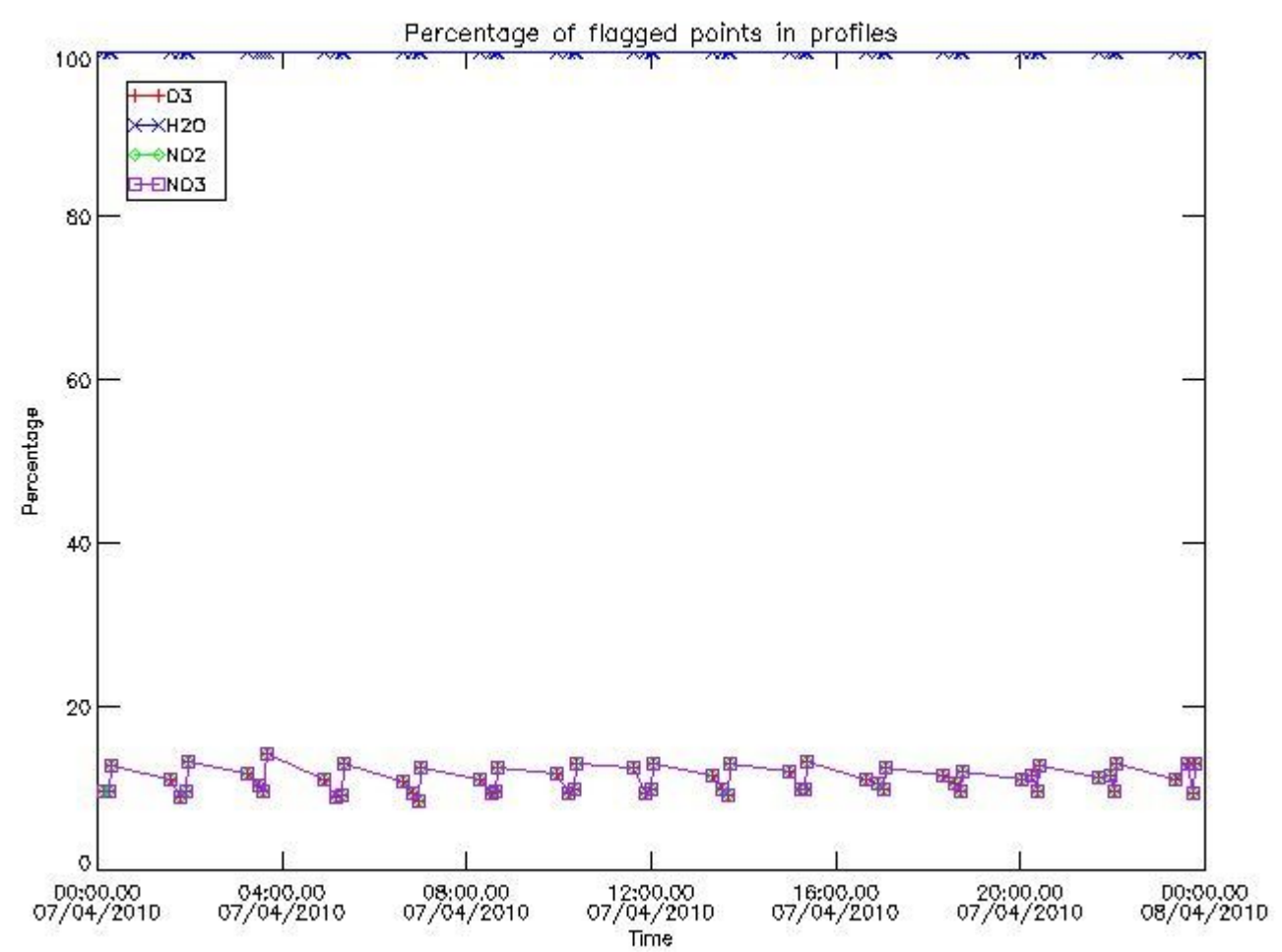
220	GOM_NL__2PRFIN20100407_172557_000000412088_00227_42365_3216.N1	07-APR-2010 17:25:57	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42365	No
221	GOM_NL__2PRFIN20100407_173036_000000382088_00227_42365_3217.N1	07-APR-2010 17:30:36	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	42365	No
222	GOM_NL__2PRFIN20100407_173831_000000402088_00227_42365_3218.N1	07-APR-2010 17:38:31	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42365	No
223	GOM_NL__2PRFIN20100407_174151_000000372088_00227_42365_3219.N1	07-APR-2010 17:41:51	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42365	No
224	GOM_NL__2PRFIN20100407_174323_000000412088_00227_42365_3220.N1	07-APR-2010 17:43:23	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42365	No
225	GOM_NL__2PRFIN20100407_174948_000000412088_00227_42365_3221.N1	07-APR-2010 17:49:48	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42365	No
226	GOM_NL__2PRFIN20100407_175935_000000362088_00227_42365_3222.N1	07-APR-2010 17:59:35	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	42365	No
227	GOM_NL__2PRFIN20100407_180449_000000432088_00227_42365_3223.N1	07-APR-2010 18:04:49	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	42365	No
228	GOM_NL__2PRFIN20100407_180632_000000482088_00227_42365_3224.N1	07-APR-2010 18:06:32	Bright	47.500	66	37Gam Cyg	2.2080	5900.0	95	42365	No
229	GOM_NL__2PRFIN20100407_180845_000000502088_00227_42365_3225.N1	07-APR-2010 18:08:45	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	42365	No
230	GOM_NL__2PRFIN20100407_181536_000000482088_00227_42365_3226.N1	07-APR-2010 18:15:36	Tw_i_and_stray	47.500	61	8Eps Peg	2.1000	3900.0	95	42365	No
231	GOM_NL__2PRFIN20100407_182022_000000452088_00227_42365_3227.N1	07-APR-2010 18:20:22	Dark	44.500	154	22Bet Aqr	2.8990	5700.0	89	42365	No
232	GOM_NL__2PRFIN20100407_183455_000000482088_00227_42365_3228.N1	07-APR-2010 18:34:55	Dark	48.000	103	38Zet Sgr	2.6000	9700.0	96	42365	No
233	GOM_NL__2PRFIN20100407_184158_000000532088_00228_42366_4198.N1	07-APR-2010 18:41:58	Dark	53.000	40	The Sco	1.8590	7100.0	106	42366	No
234	GOM_NL__2PRFIN20100407_184440_000000422088_00228_42366_4199.N1	07-APR-2010 18:44:40	Dark	42.000	134	Bet TrA	2.8100	6600.0	84	42366	No
235	GOM_NL__2PRFIN20100407_185011_000000442088_00228_42366_4200.N1	07-APR-2010 18:50:11	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42366	No
236	GOM_NL__2PRFIN20100407_185148_000000462088_00228_42366_4201.N1	07-APR-2010 18:51:48	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42366	No
237	GOM_NL__2PRFIN20100407_185422_000000512088_00228_42366_4202.N1	07-APR-2010 18:54:22	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42366	No
238	GOM_NL__2PRFIN20100407_185955_000000462088_00228_42366_4203.N1	07-APR-2010 18:59:55	Tw_i_and_stray	45.500	106	9Bet Crv	2.6480	5600.0	91	42366	No
239	GOM_NL__2PRFIN20100407_190148_000000402088_00228_42366_4204.N1	07-APR-2010 19:01:48	Tw_i_and_stray	39.500	100	4Gam Crv	2.5800	13100.	79	42366	No
240	GOM_NL__2PRFIN20100407_190325_000000512088_00228_42366_4205.N1	07-APR-2010 19:03:25	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	42366	No
241	GOM_NL__2PRFIN20100407_190632_000000412088_00228_42366_4206.N1	07-APR-2010 19:06:32	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42366	No
242	GOM_NL__2PRFIN20100407_191112_000000372088_00228_42366_4207.N1	07-APR-2010 19:11:12	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42366	No
243	GOM_NL__2PRFIN20100407_191907_000000422088_00228_42366_4208.N1	07-APR-2010 19:19:07	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	42366	No
244	GOM_NL__2PRFIN20100407_192227_000000372088_00228_42366_4209.N1	07-APR-2010 19:22:27	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42366	No
245	GOM_NL__2PRFIN20100407_192359_000000412088_00228_42366_4210.N1	07-APR-2010 19:23:59	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42366	No
246	GOM_NL__2PRFIN20100407_193024_000000402088_00228_42366_4211.N1	07-APR-2010 19:30:24	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42366	No
247	GOM_NL__2PRFIN20100407_194011_000000402088_00228_42366_4212.N1	07-APR-2010 19:40:11	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42366	No
248	GOM_NL__2PRFIN20100407_194525_000000452088_00228_42366_4213.N1	07-APR-2010 19:45:25	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42366	No
249	GOM_NL__2PRFIN20100407_194707_000000502088_00228_42366_4214.N1	07-APR-2010 19:47:07	Bright	49.500	66	37Gam Cyg	2.2080	5900.0	99	42366	No
250	GOM_NL__2PRFIN20100407_194921_000000472088_00228_42366_4215.N1	07-APR-2010 19:49:21	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42366	No
251	GOM_NL__2PRFIN20100407_195612_000000472088_00228_42366_4216.N1	07-APR-2010 19:56:12	Tw_i_and_stray	47.000	61	8Eps Peg	2.1000	3900.0	94	42366	No
252	GOM_NL__2PRFIN20100407_200058_000000462088_00228_42366_4217.N1	07-APR-2010 20:00:58	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42366	No
253	GOM_NL__2PRFIN20100407_201532_000000442088_00228_42366_4218.N1	07-APR-2010 20:15:32	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	42366	No
254	GOM_NL__2PRFIN20100407_202235_000000532088_00229_42367_4175.N1	07-APR-2010 20:22:35	Dark	52.500	40	The Sco	1.8590	7100.0	105	42367	No
255	GOM_NL__2PRFIN20100407_202517_000000402088_00229_42367_4176.N1	07-APR-2010 20:25:17	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42367	No
256	GOM_NL__2PRFIN20100407_203048_000000462088_00229_42367_4177.N1	07-APR-2010 20:30:48	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42367	No
257	GOM_NL__2PRFIN20100407_203225_000000482088_00229_42367_4178.N1	07-APR-2010 20:32:25	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42367	No
258	GOM_NL__2PRFIN20100407_203458_000000502088_00229_42367_4179.N1	07-APR-2010 20:34:58	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42367	No
259	GOM_NL__2PRFIN20100407_204031_000000422088_00229_42367_4180.N1	07-APR-2010 20:40:31	Tw_i_and_stray	42.000	106	9Bet Crv	2.6480	5600.0	84	42367	No
260	GOM_NL__2PRFIN20100407_204224_000000412088_00229_42367_4181.N1	07-APR-2010 20:42:24	Tw_i_and_stray	41.000	100	4Gam Crv	2.5800	13100.	82	42367	No
261	GOM_NL__2PRFIN20100407_204400_000000522088_00229_42367_4182.N1	07-APR-2010 20:44:00	Bright	52.000	15	67Alp Vir	0.97600	28000.	104	42367	No
262	GOM_NL__2PRFIN20100407_204708_000000422088_00229_42367_4183.N1	07-APR-2010 20:47:08	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	42367	No
263	GOM_NL__2PRFIN20100407_205148_000000372088_00229_42367_4184.N1	07-APR-2010 20:51:48	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42367	No
264	GOM_NL__2PRFIN20100407_205942_000000382088_00229_42367_4185.N1	07-APR-2010 20:59:42	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42367	No
265	GOM_NL__2PRFIN20100407_210303_000000362088_00229_42367_4186.N1	07-APR-2010 21:03:03	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42367	No
266	GOM_NL__2PRFIN20100407_210434_000000402088_00229_42367_4187.N1	07-APR-2010 21:04:34	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	42367	No
267	GOM_NL__2PRFIN20100407_211100_000000402088_00229_42367_4188.N1	07-APR-2010 21:11:00	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42367	No
268	GOM_NL__2PRFIN20100407_212047_000000402088_00229_42367_4189.N1	07-APR-2010 21:20:47	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42367	No
269	GOM_NL__2PRFIN20100407_212601_000000462088_00229_42367_4190.N1	07-APR-2010 21:26:01	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	42367	No
270	GOM_NL__2PRFIN20100407_212743_000000512088_00229_42367_4191.N1	07-APR-2010 21:27:43	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	42367	No
271	GOM_NL__2PRFIN20100407_212957_000000462088_00229_42367_4192.N1	07-APR-2010 21:29:57	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	42367	No
272	GOM_NL__2PRFIN20100407_213649_000000482088_00229_42367_4193.N1	07-APR-2010 21:36:49	Tw_i_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42367	No
273	GOM_NL__2PRFIN20100407_214135_000000452088_00229_42367_4194.N1	07-APR-2010 21:41:35	Dark	44.500	154	22Bet Aqr	2.8990	5700.0	89	42367	No
274	GOM_NL__2PRFIN20100407_215609_000000442088_00229_42367_4195.N1	07-APR-2010 21:56:09	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	42367	No
275	GOM_NL__2PRFIN20100407_220312_000000532088_00230_42368_4169.N1	07-APR-2010 22:03:12	Dark	53.000	40	The Sco	1.8590	7100.0	106	42368	No
276	GOM_NL__2PRFIN20100407_220553_000000402088_00230_42368_4170.N1	07-APR-2010 22:05:53	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42368	No
277	GOM_NL__2PRFIN20100407_221124_000000462088_00230_42368_4171.N1	07-APR-2010 22:11:24	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42368	No
278	GOM_NL__2PRFIN20100407_221301_000000472088_00230_42368_4172.N1	07-APR-2010 22:13:01	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42368	No

279	GOM_NL__2PRFIN20100407_221534_000000502088_00230_42368_4173.N1	07-APR-2010 22:15:34	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42368	No
280	GOM_NL__2PRFIN20100407_222107_000000452088_00230_42368_4174.N1	07-APR-2010 22:21:07	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42368	No
281	GOM_NL__2PRFIN20100407_222300_000000442088_00230_42368_4175.N1	07-APR-2010 22:23:00	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42368	No
282	GOM_NL__2PRFIN20100407_222436_000000502088_00230_42368_4176.N1	07-APR-2010 22:24:36	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42368	No
283	GOM_NL__2PRFIN20100407_222744_000000422088_00230_42368_4177.N1	07-APR-2010 22:27:44	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	42368	No
284	GOM_NL__2PRFIN20100407_223223_000000372088_00230_42368_4178.N1	07-APR-2010 22:32:23	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42368	No
285	GOM_NL__2PRFIN20100407_224017_000000402088_00230_42368_4179.N1	07-APR-2010 22:40:17	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42368	No
286	GOM_NL__2PRFIN20100407_224338_000000352088_00230_42368_4180.N1	07-APR-2010 22:43:38	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	42368	No
287	GOM_NL__2PRFIN20100407_224510_000000402088_00230_42368_4181.N1	07-APR-2010 22:45:10	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42368	No
288	GOM_NL__2PRFIN20100407_225135_000000382088_00230_42368_4182.N1	07-APR-2010 22:51:35	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42368	No
289	GOM_NL__2PRFIN20100407_230123_000000402088_00230_42368_4183.N1	07-APR-2010 23:01:23	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42368	No
290	GOM_NL__2PRFIN20100407_230637_000000472088_00230_42368_4184.N1	07-APR-2010 23:06:37	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42368	No
291	GOM_NL__2PRFIN20100407_230819_000000482088_00230_42368_4185.N1	07-APR-2010 23:08:19	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	42368	No
292	GOM_NL__2PRFIN20100407_231033_000000482088_00230_42368_4186.N1	07-APR-2010 23:10:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42368	No
293	GOM_NL__2PRFIN20100407_231725_000000482088_00230_42368_4187.N1	07-APR-2010 23:17:25	Tw_i_and_stray	47.500	61	8Eps Peg	2.1000	3900.0	95	42368	No
294	GOM_NL__2PRFIN20100407_232211_000000462088_00230_42368_4188.N1	07-APR-2010 23:22:11	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42368	No
295	GOM_NL__2PRFIN20100407_233647_000000392088_00230_42368_4189.N1	07-APR-2010 23:36:47	Dark	39.000	103	38Zet Sgr	2.6000	9700.0	78	42368	No
296	GOM_NL__2PRFIN20100407_234348_000000552088_00231_42369_4097.N1	07-APR-2010 23:43:48	Dark	54.500	40	The Sco	1.8590	7100.0	109	42369	No
297	GOM_NL__2PRFIN20100407_234630_000000392088_00231_42369_4098.N1	07-APR-2010 23:46:30	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42369	No
298	GOM_NL__2PRFIN20100407_235201_000000432088_00231_42369_4099.N1	07-APR-2010 23:52:01	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42369	No
299	GOM_NL__2PRFIN20100407_235337_000000472088_00231_42369_4100.N1	07-APR-2010 23:53:37	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42369	No
300	GOM_NL__2PRFIN20100407_235611_000000492088_00231_42369_4101.N1	07-APR-2010 23:56:11	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42369	No

3. Quality information per product

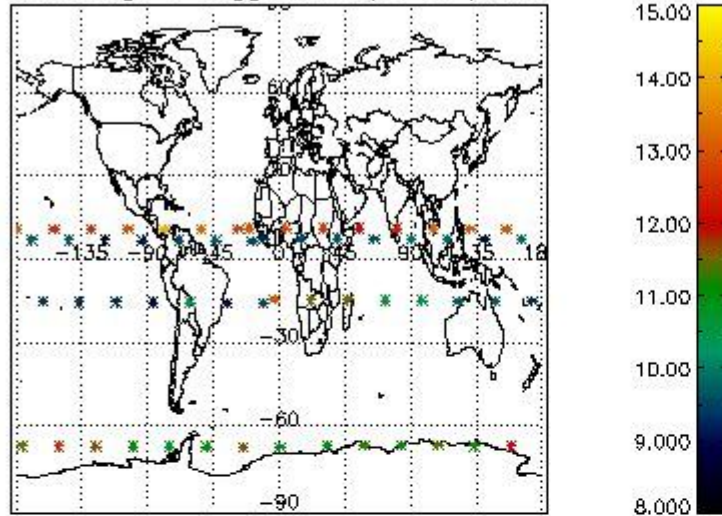
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

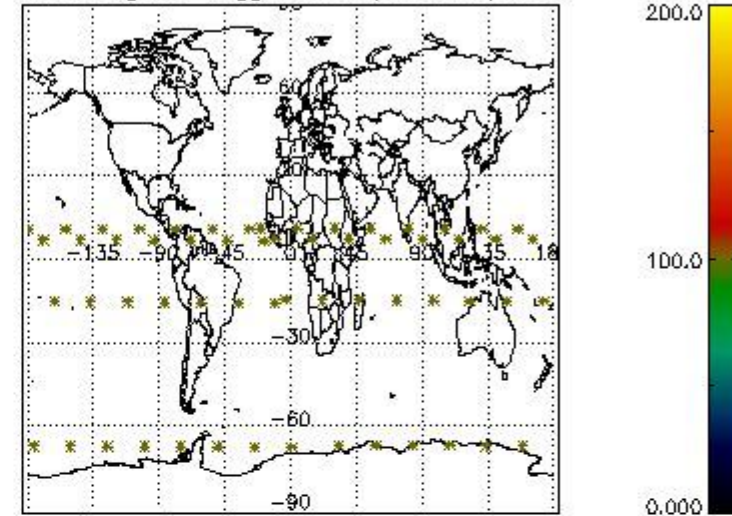


3.2 Plot quality information per product (world map)

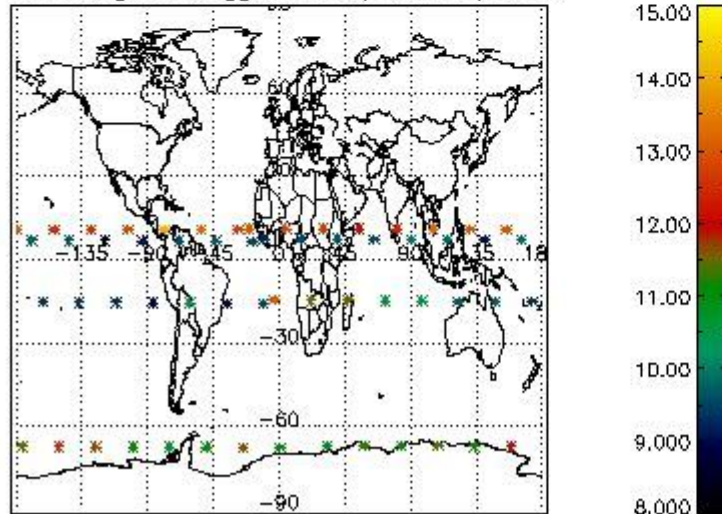
Percentage of flagged data per O3 profile



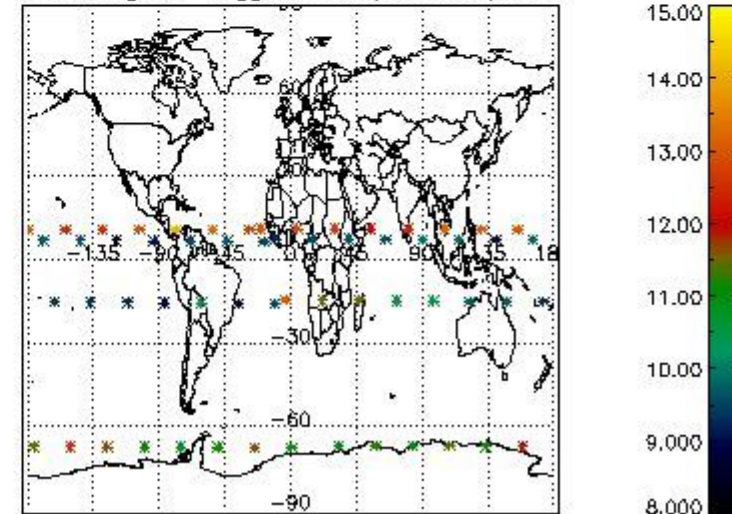
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

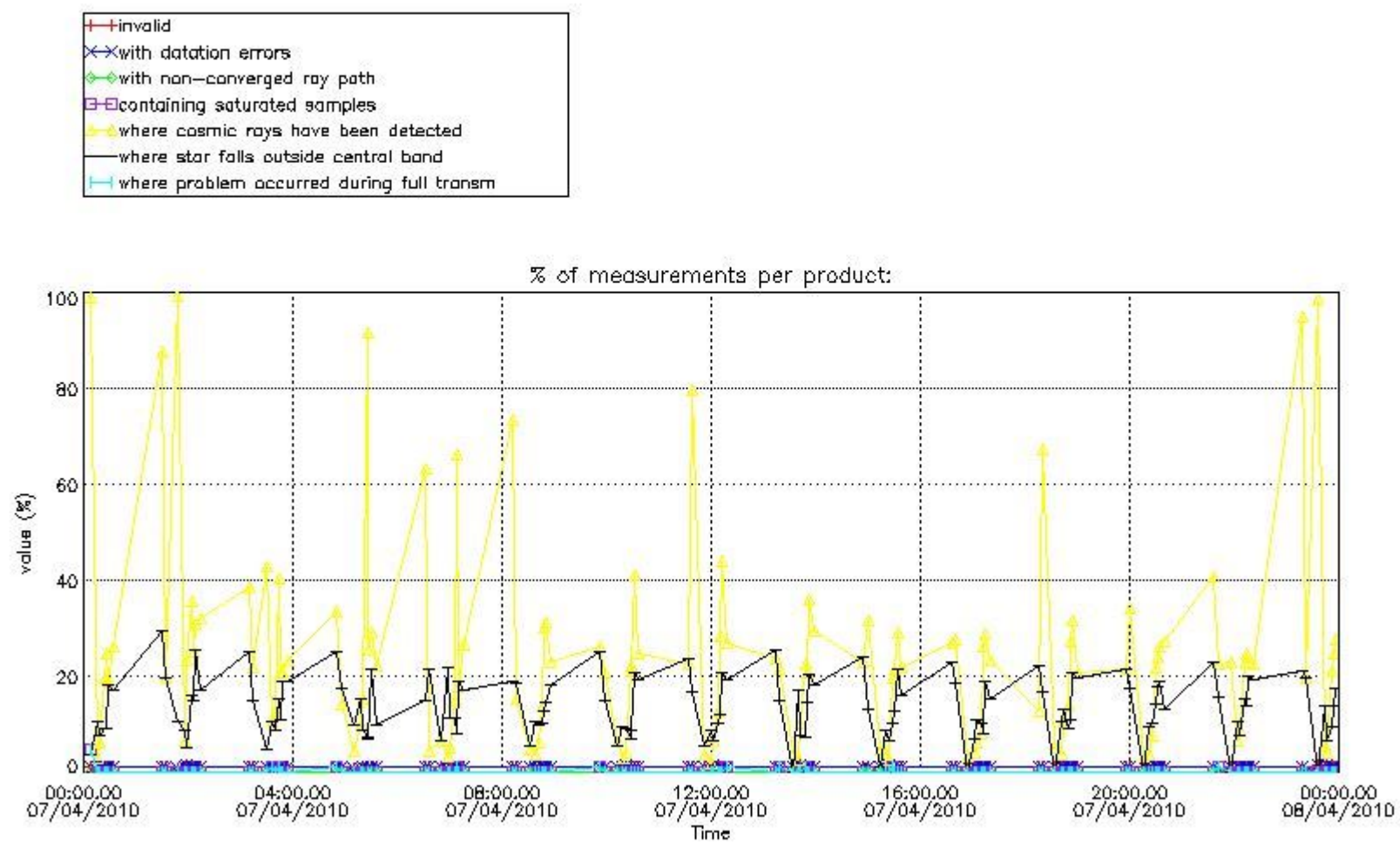


4. Level 1 quality information per product

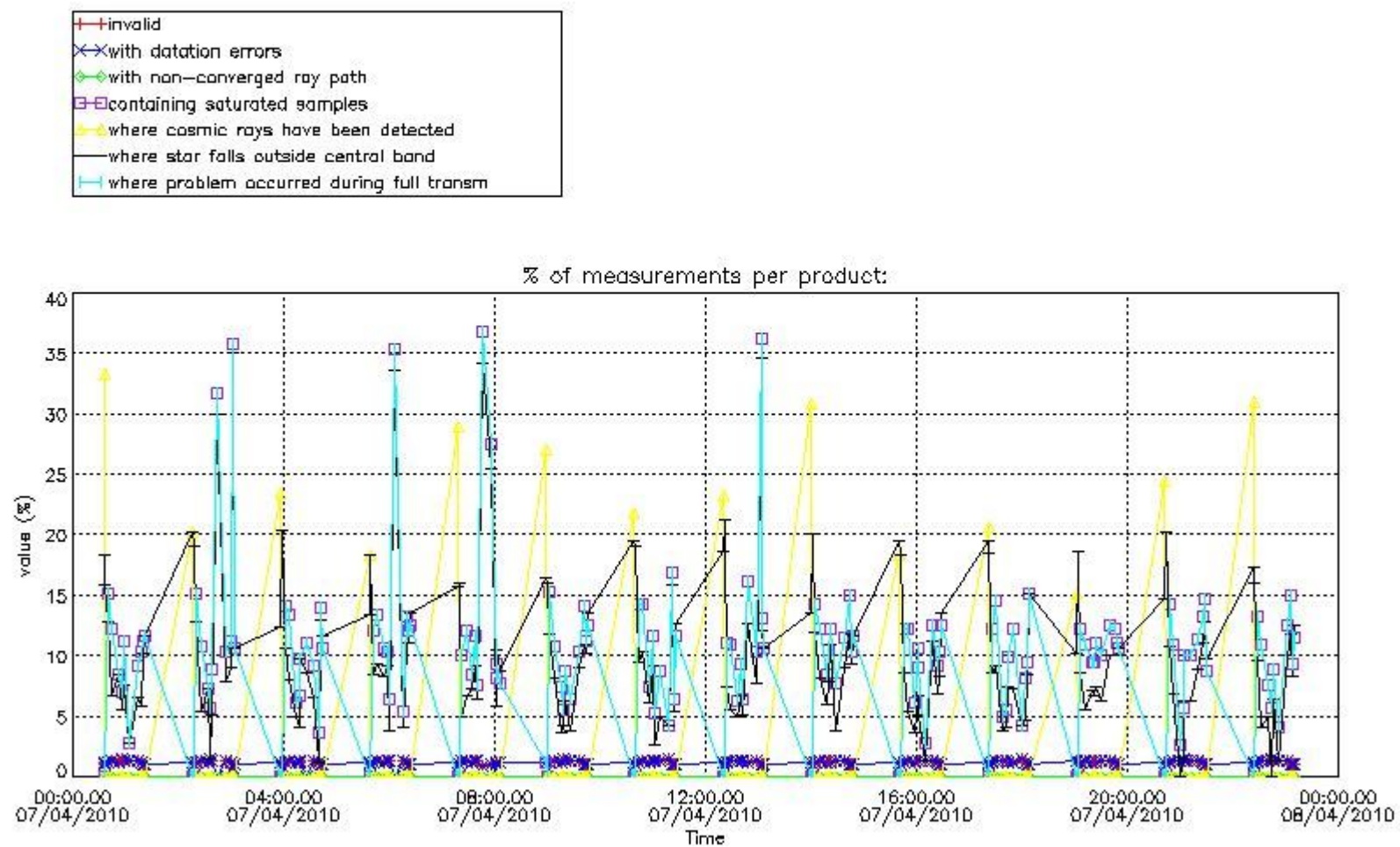
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

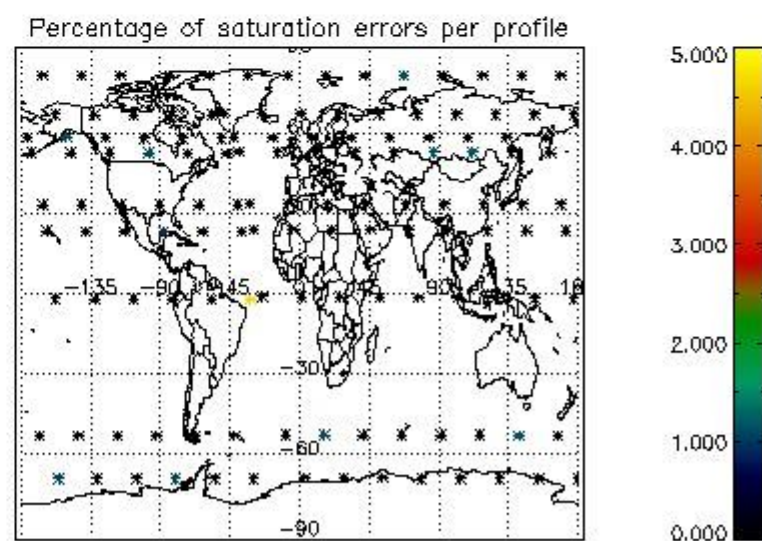
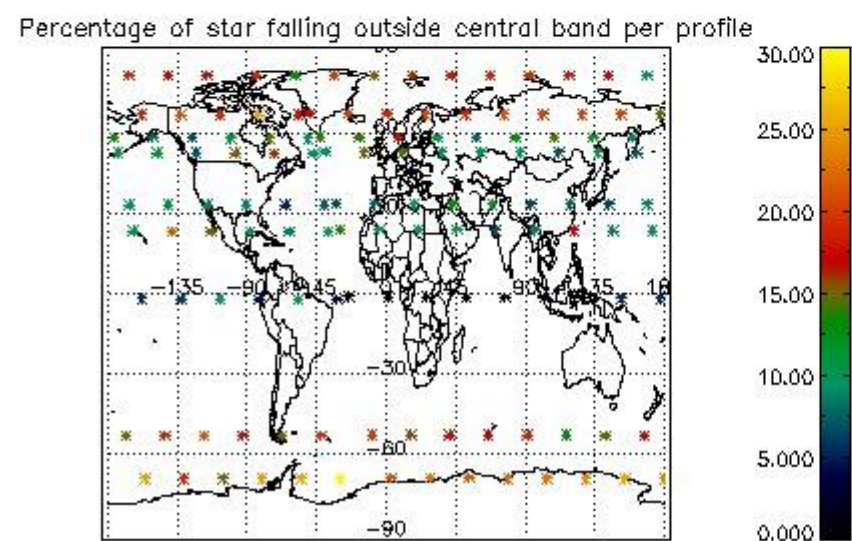
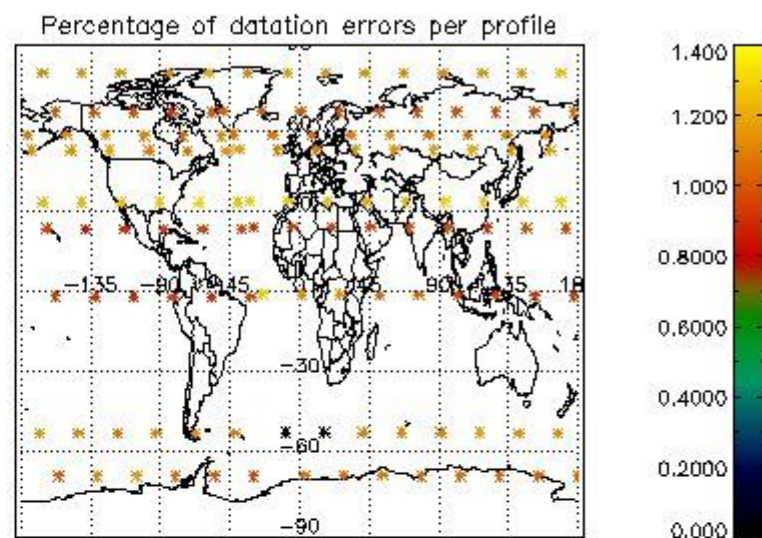
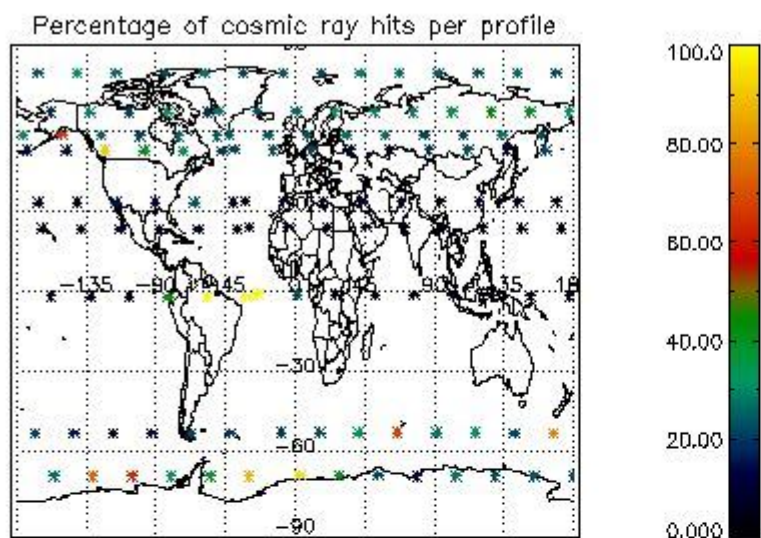


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

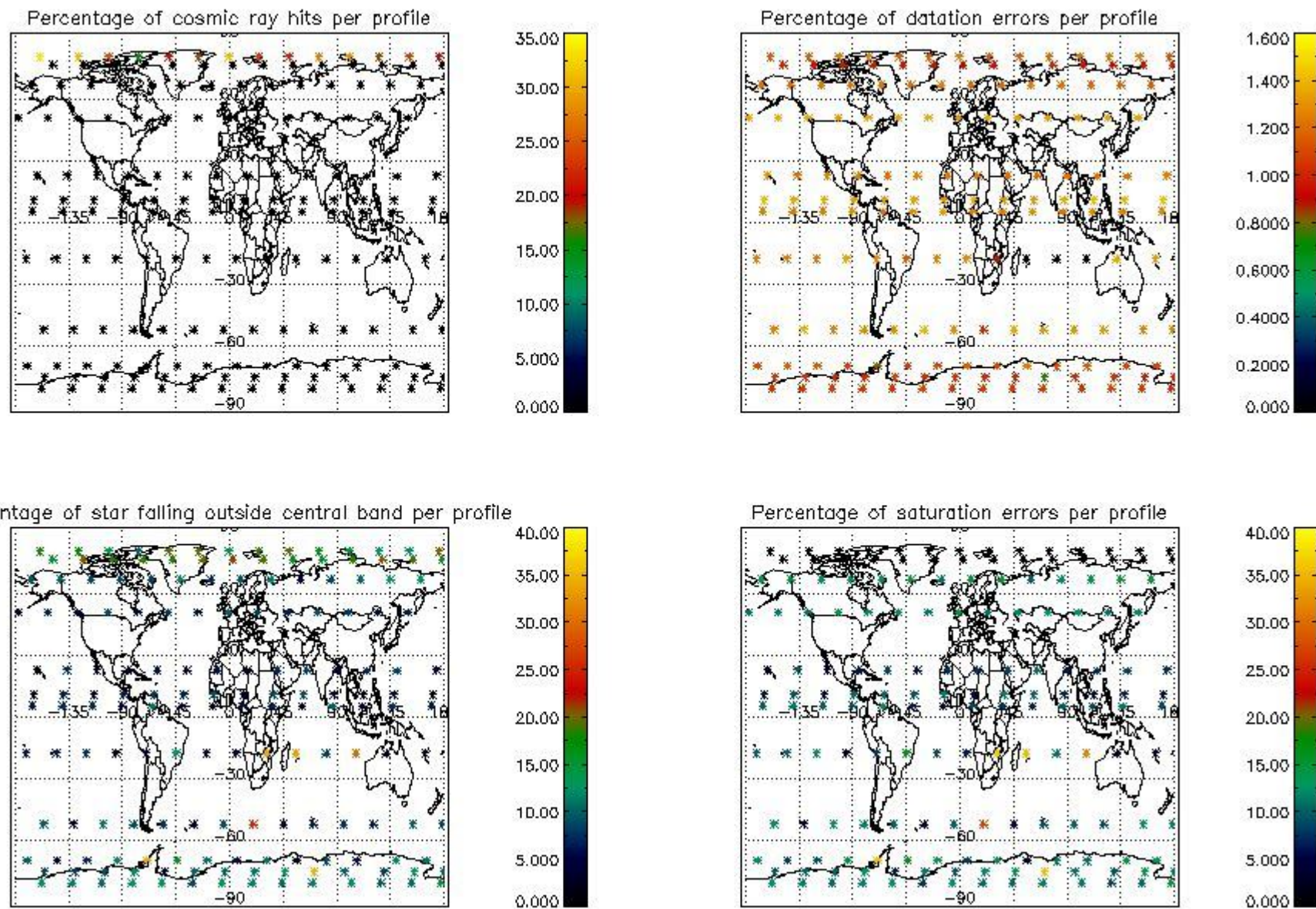


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

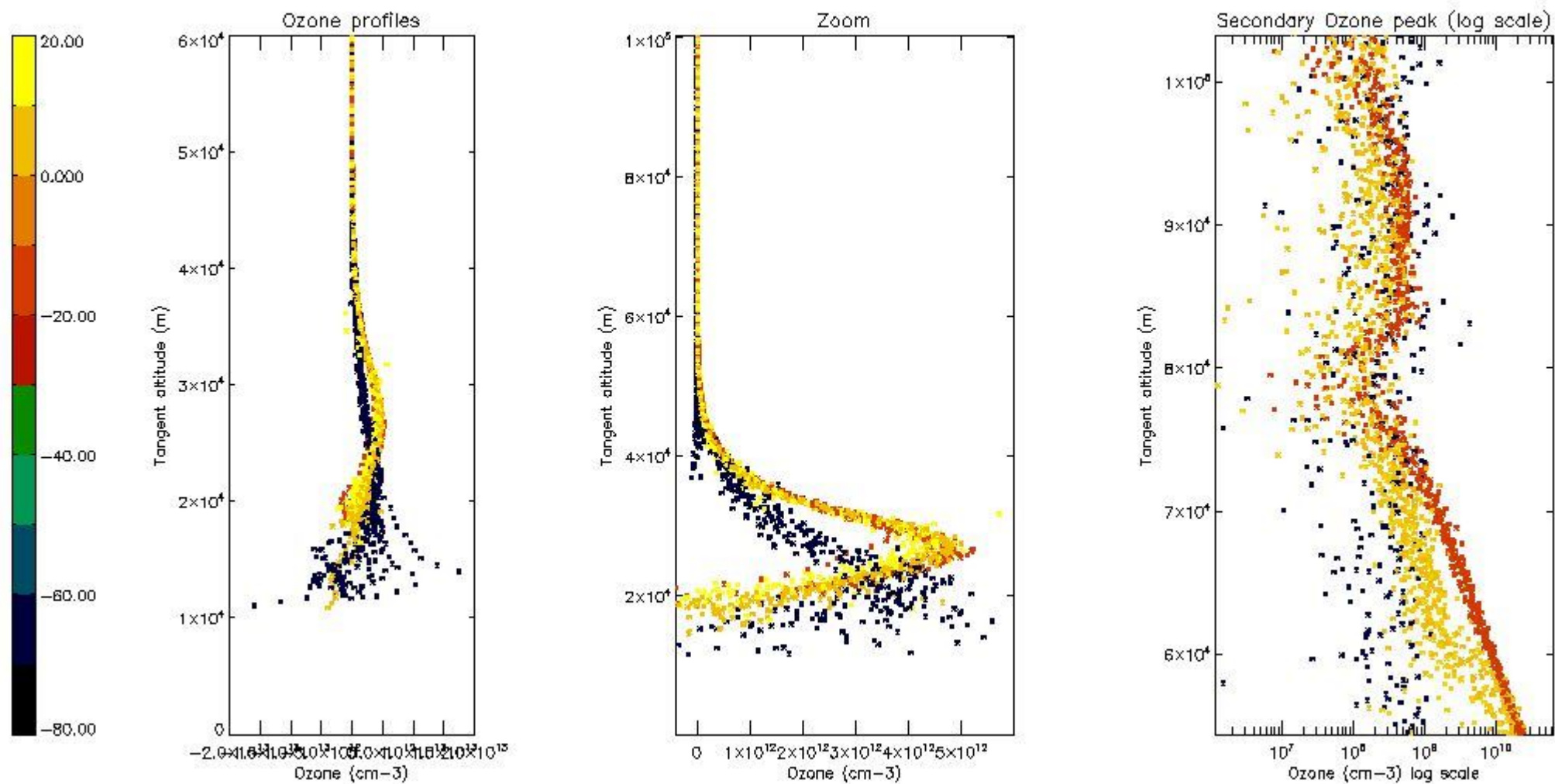
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	8

STD < 10	5
STD < 5	1

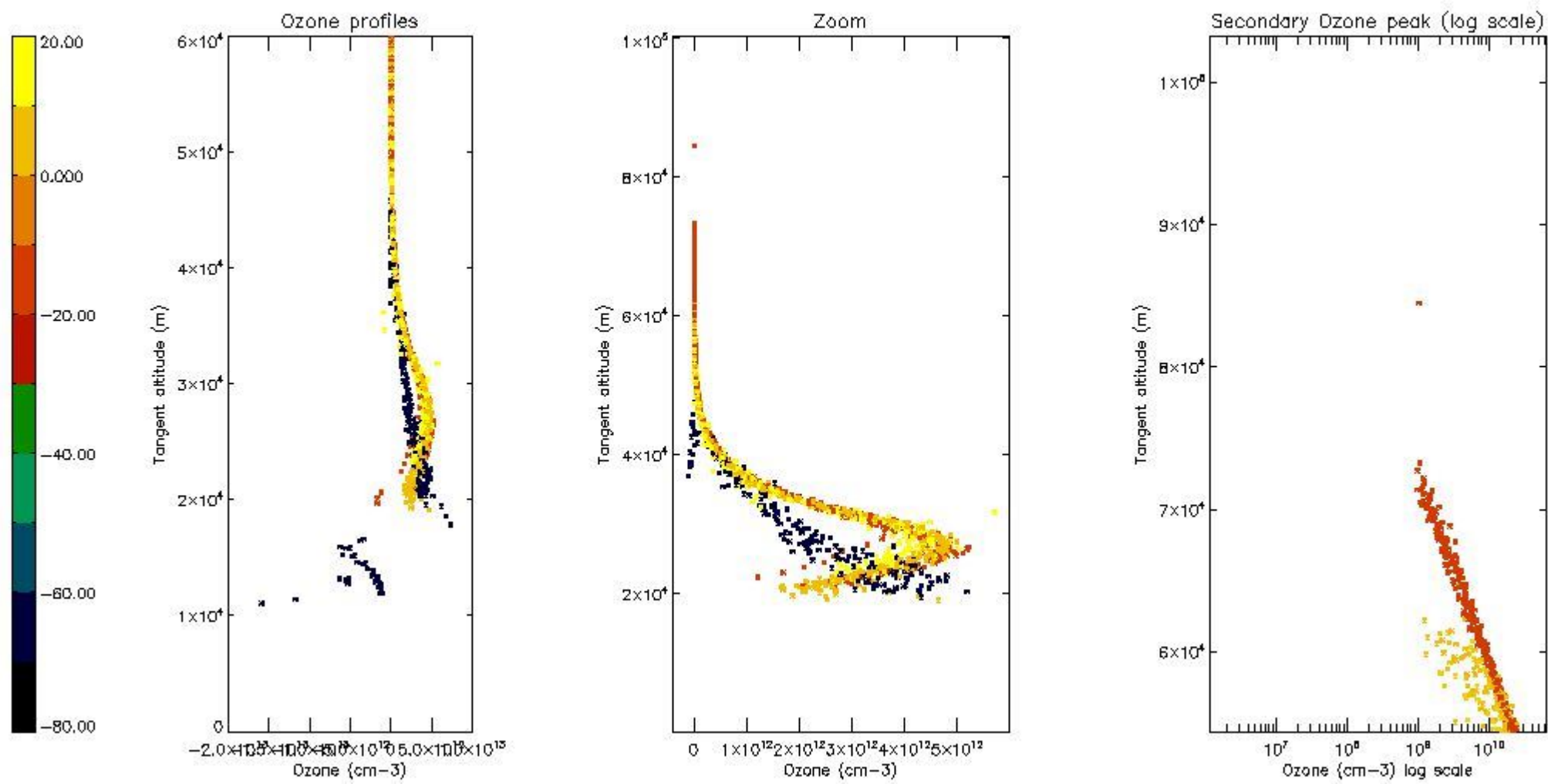
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



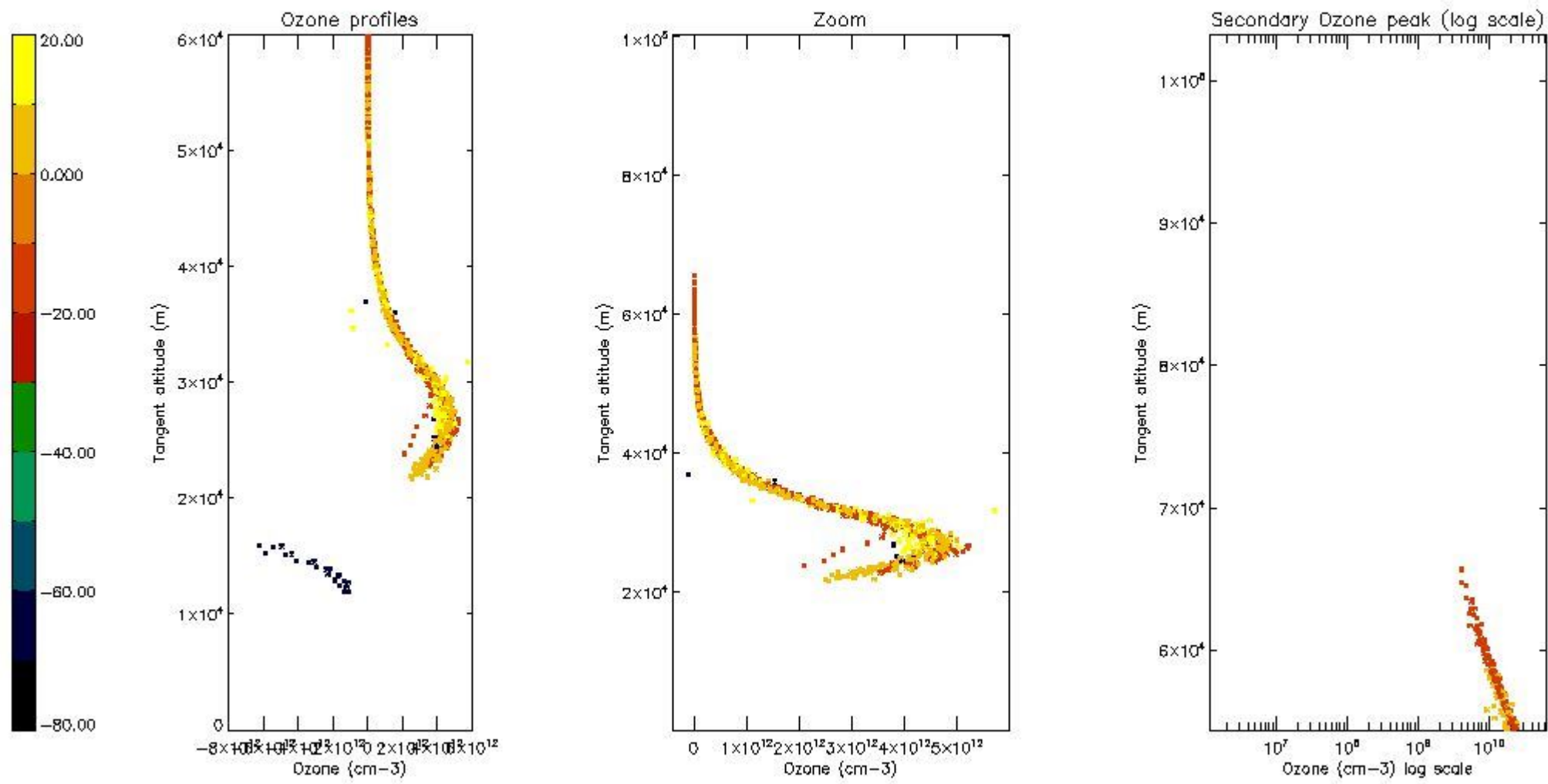
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



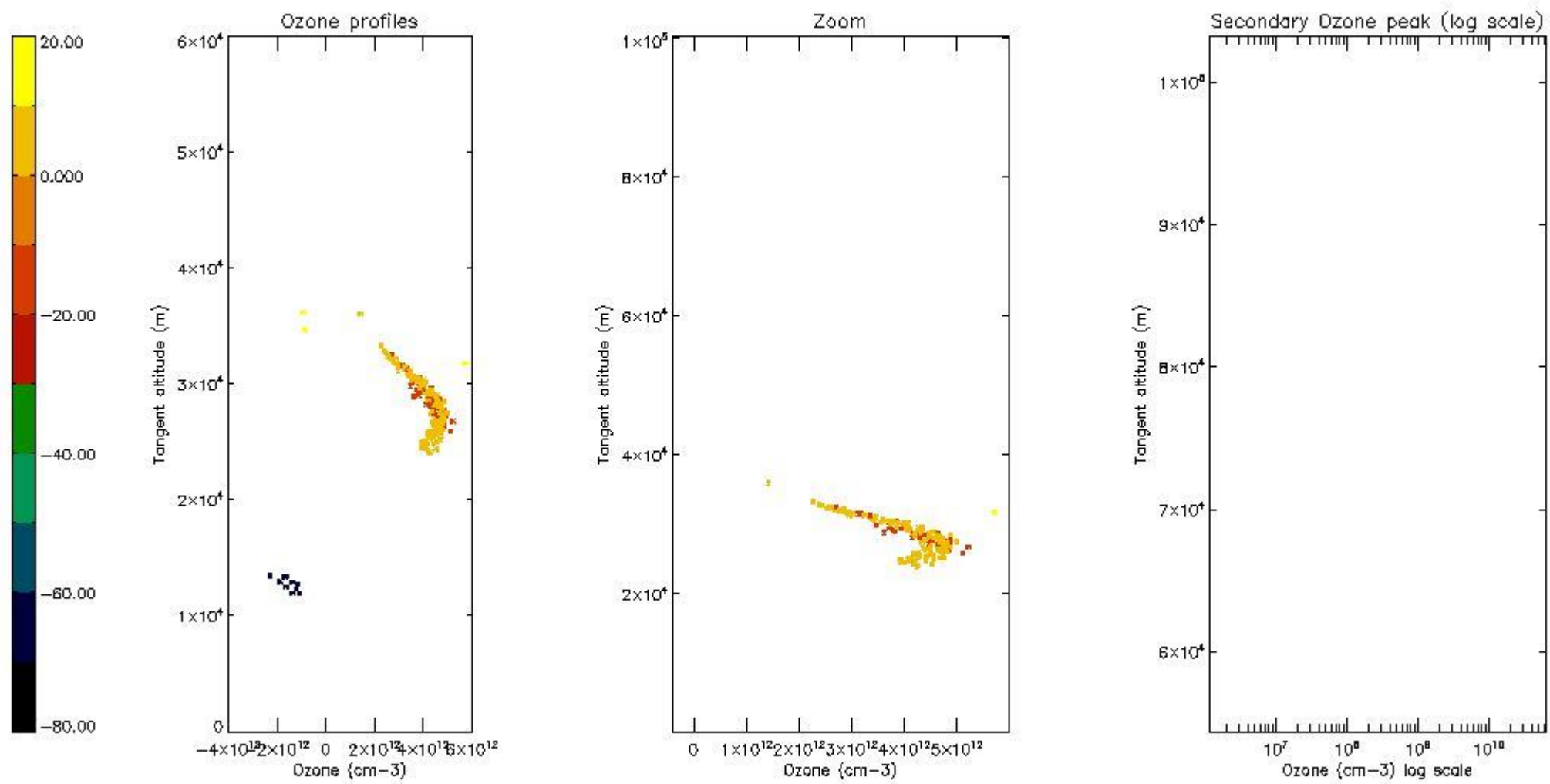
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



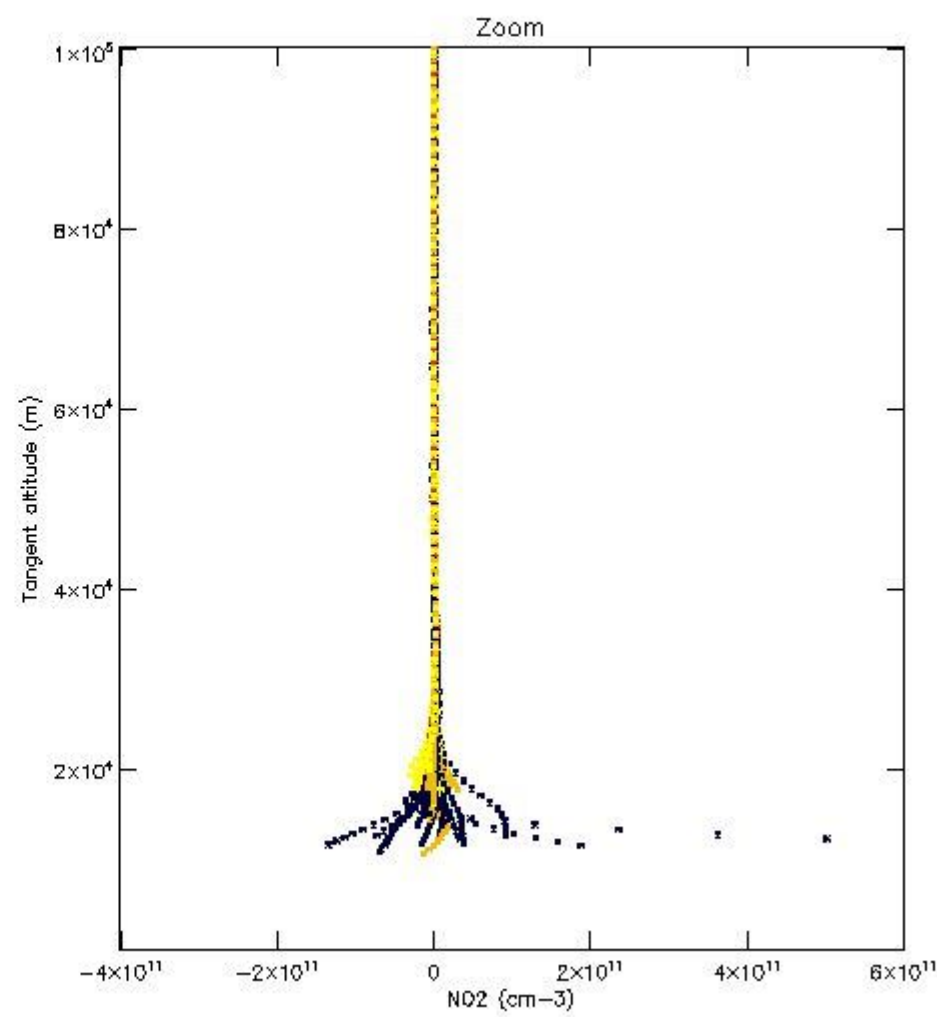
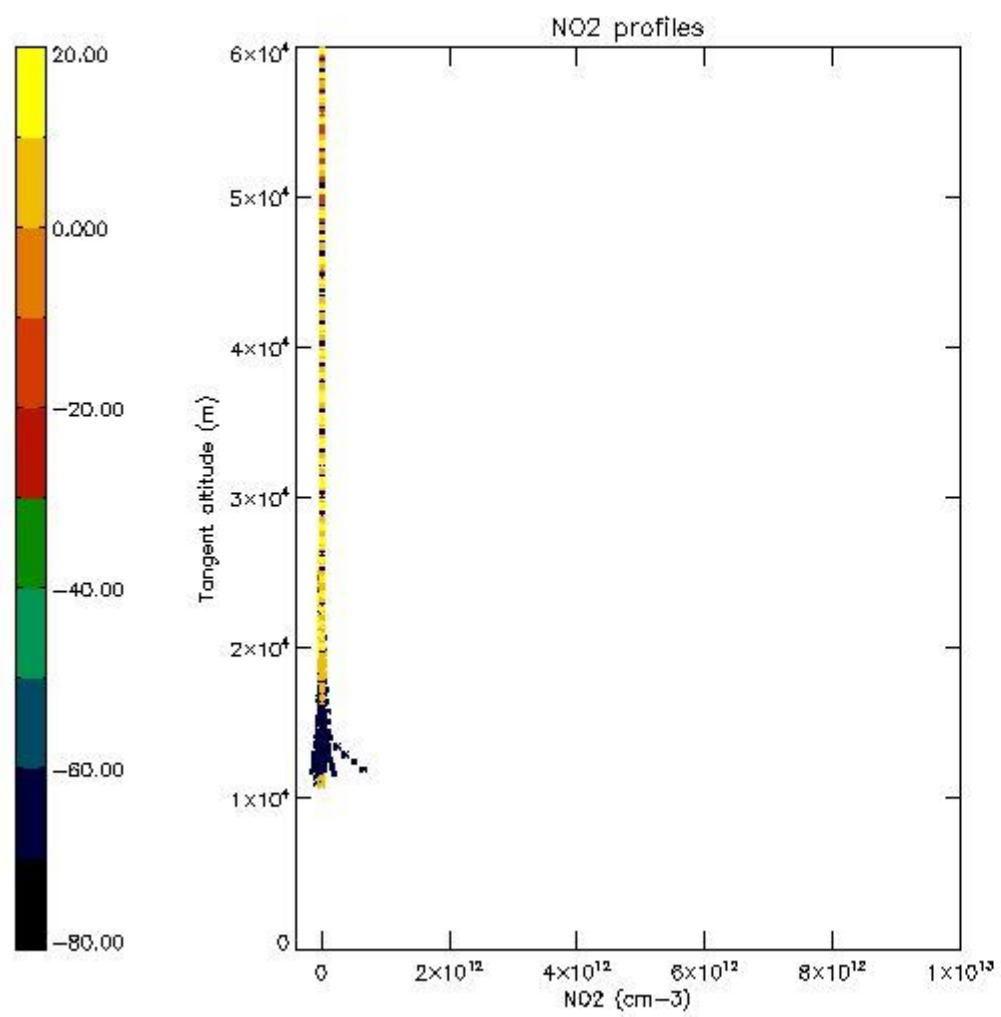
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



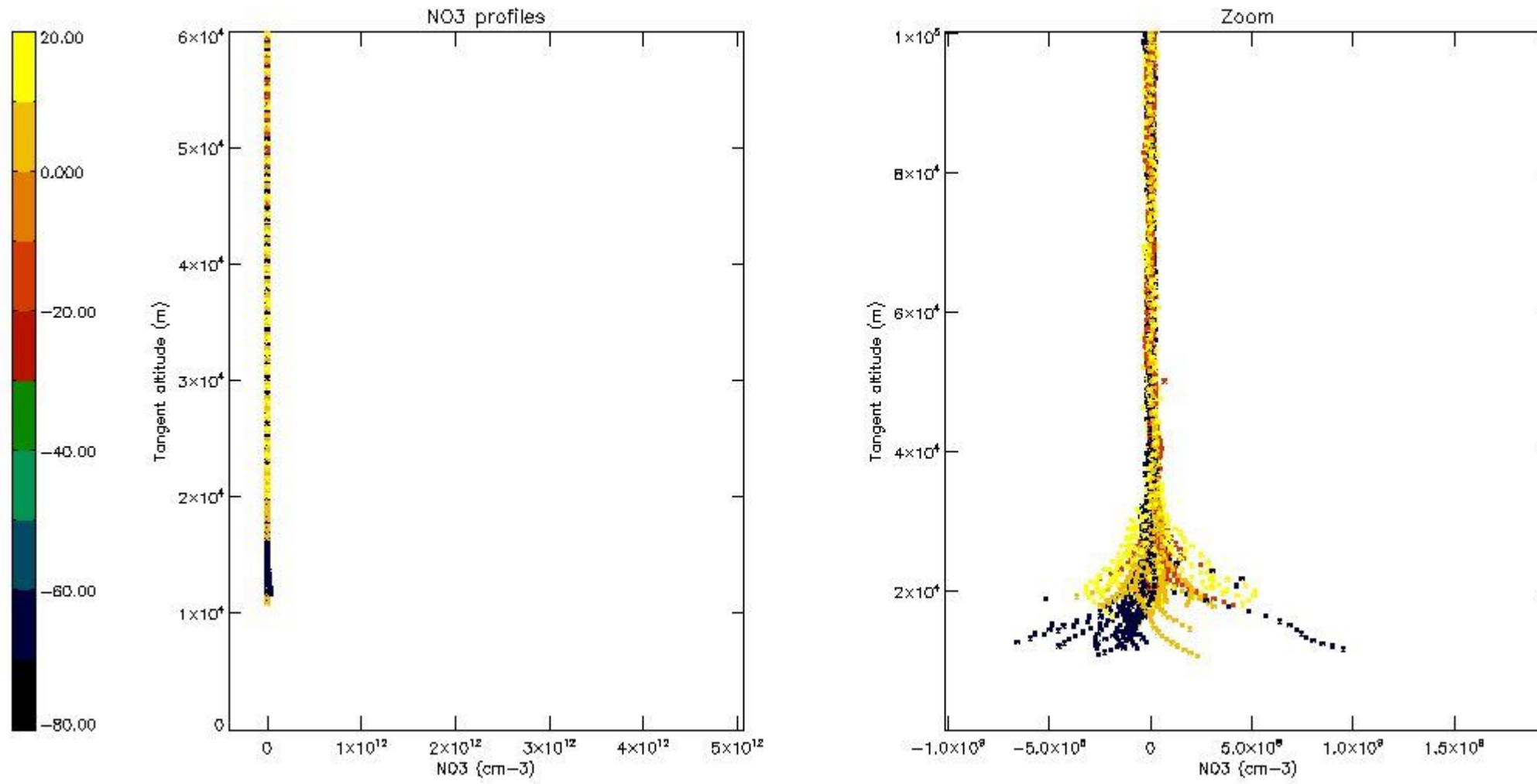
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	07-APR-2010 00:08:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-APR-2010 00:08:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-APR-2010 00:08:04

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 \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

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

[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](#)

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

[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 09:25:52
Data source version	GOMOS/6.01
Start time of products	07-04-2010 (07APR2010 00:00:00)
Stop time of products	08-04-2010 (08APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	300
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__2PRFIN20100407_000804_000000532088_00216_42354_4100.N1	07-APR-2010 00:08:04	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	42354	No
2	GOM_NL__2PRFIN20100407_001510_000000532088_00217_42355_4108.N1	07-APR-2010 00:15:10	Dark	53.000	40	The Sco	1.8590	7100.0	106	42355	No
3	GOM_NL__2PRFIN20100407_001800_000000402088_00217_42355_4109.N1	07-APR-2010 00:18:00	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42355	No
4	GOM_NL__2PRFIN20100407_002330_000000442088_00217_42355_4110.N1	07-APR-2010 00:23:30	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42355	No
5	GOM_NL__2PRFIN20100407_002507_000000452088_00217_42355_4111.N1	07-APR-2010 00:25:07	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42355	No
6	GOM_NL__2PRFIN20100407_002741_000000502088_00217_42355_4112.N1	07-APR-2010 00:27:41	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42355	No
7	GOM_NL__2PRFIN20100407_003317_000000442088_00217_42355_4113.N1	07-APR-2010 00:33:17	Tw_i_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42355	No
8	GOM_NL__2PRFIN20100407_003511_000000442088_00217_42355_4114.N1	07-APR-2010 00:35:11	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42355	No
9	GOM_NL__2PRFIN20100407_003649_000000512088_00217_42355_4115.N1	07-APR-2010 00:36:49	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42355	No
10	GOM_NL__2PRFIN20100407_003958_000000432088_00217_42355_4116.N1	07-APR-2010 00:39:58	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	42355	No
11	GOM_NL__2PRFIN20100407_004437_000000372088_00217_42355_4117.N1	07-APR-2010 00:44:37	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42355	No
12	GOM_NL__2PRFIN20100407_005236_000000422088_00217_42355_4118.N1	07-APR-2010 00:52:36	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42355	No
13	GOM_NL__2PRFIN20100407_005553_000000362088_00217_42355_4119.N1	07-APR-2010 00:55:53	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42355	No
14	GOM_NL__2PRFIN20100407_005727_000000402088_00217_42355_4120.N1	07-APR-2010 00:57:27	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	42355	No
15	GOM_NL__2PRFIN20100407_010352_000000372088_00217_42355_4121.N1	07-APR-2010 01:03:52	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42355	No
16	GOM_NL__2PRFIN20100407_011337_000000382088_00217_42355_4122.N1	07-APR-2010 01:13:37	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42355	No
17	GOM_NL__2PRFIN20100407_011851_000000442088_00217_42355_4123.N1	07-APR-2010 01:18:51	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	42355	No
18	GOM_NL__2PRFIN20100407_012032_000000492088_00217_42355_4124.N1	07-APR-2010 01:20:32	Bright	49.000	66	37Gam Cyg	2.2080	5900.0	98	42355	No
19	GOM_NL__2PRFIN20100407_012244_000000472088_00217_42355_4125.N1	07-APR-2010 01:22:44	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42355	No
20	GOM_NL__2PRFIN20100407_012933_000000532088_00217_42355_4126.N1	07-APR-2010 01:29:33	Tw_i_and_stray	52.500	61	8Eps Peg	2.1000	3900.0	105	42355	No
21	GOM_NL__2PRFIN20100407_013418_000000462088_00217_42355_4127.N1	07-APR-2010 01:34:18	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42355	No
22	GOM_NL__2PRFIN20100407_014842_000000572088_00217_42355_4128.N1	07-APR-2010 01:48:42	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	42355	No
23	GOM_NL__2PRFIN20100407_015547_000000532088_00218_42356_4115.N1	07-APR-2010 01:55:47	Dark	52.500	40	The Sco	1.8590	7100.0	105	42356	No
24	GOM_NL__2PRFIN20100407_015836_000000392088_00218_42356_4116.N1	07-APR-2010 01:58:36	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	42356	No
25	GOM_NL__2PRFIN20100407_020406_000000472088_00218_42356_4117.N1	07-APR-2010 02:04:06	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42356	No
26	GOM_NL__2PRFIN20100407_020543_000000482088_00218_42356_4118.N1	07-APR-2010 02:05:43	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42356	No
27	GOM_NL__2PRFIN20100407_020818_000000552088_00218_42356_4119.N1	07-APR-2010 02:08:18	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	42356	No
28	GOM_NL__2PRFIN20100407_021354_000000442088_00218_42356_4120.N1	07-APR-2010 02:13:54	Tw_i_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42356	No
29	GOM_NL__2PRFIN20100407_021547_000000452088_00218_42356_4121.N1	07-APR-2010 02:15:47	Tw_i_and_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42356	No
30	GOM_NL__2PRFIN20100407_021725_000000532088_00218_42356_4122.N1	07-APR-2010 02:17:25	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	42356	No
31	GOM_NL__2PRFIN20100407_022033_000000432088_00218_42356_4123.N1	07-APR-2010 02:20:33	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	42356	No
32	GOM_NL__2PRFIN20100407_022512_000000372088_00218_42356_4124.N1	07-APR-2010 02:25:12	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42356	No
33	GOM_NL__2PRFIN20100407_023312_000000422088_00218_42356_4125.N1	07-APR-2010 02:33:12	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42356	No
34	GOM_NL__2PRFIN20100407_023629_000000362088_00218_42356_4126.N1	07-APR-2010 02:36:29	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42356	No
35	GOM_NL__2PRFIN20100407_023803_000000402088_00218_42356_4127.N1	07-APR-2010 02:38:03	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42356	No
36	GOM_NL__2PRFIN20100407_024428_000000542088_00218_42356_4128.N1	07-APR-2010 02:44:28	Bright	53.500	60	7Bet UMi	2.0810	3950.0	107	42356	No
37	GOM_NL__2PRFIN20100407_025413_000000392088_00218_42356_4129.N1	07-APR-2010 02:54:13	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42356	No
38	GOM_NL__2PRFIN20100407_025927_000000452088_00218_42356_4130.N1	07-APR-2010 02:59:27	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	42356	No
39	GOM_NL__2PRFIN20100407_030108_000000672088_00218_42356_4131.N1	07-APR-2010 03:01:08	Bright	67.000	66	37Gam Cyg	2.2080	5900.0	134	42356	No
40	GOM_NL__2PRFIN20100407_030320_000000472088_00218_42356_4132.N1	07-APR-2010 03:03:20	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42356	No
41	GOM_NL__2PRFIN20100407_031010_000000502088_00218_42356_4133.N1	07-APR-2010 03:10:10	Tw_i_and_stray	49.500	61	8Eps Peg	2.1000	3900.0	99	42356	No
42	GOM_NL__2PRFIN20100407_031454_000000442088_00218_42356_4134.N1	07-APR-2010 03:14:54	Dark	43.500	154	22Bet Aqr	2.8990	5700.0	87	42356	No

43	GOM_NL__2PRFIN20100407_032919_000000542088_00218_42356_4135.N1	07-APR-2010 03:29:19	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	42356	No
44	GOM_NL__2PRFIN20100407_033624_000000532088_00219_42357_4123.N1	07-APR-2010 03:36:24	Dark	53.000	40	The Sco	1.8590	7100.0	106	42357	No
45	GOM_NL__2PRFIN20100407_033913_000000402088_00219_42357_4124.N1	07-APR-2010 03:39:13	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42357	No
46	GOM_NL__2PRFIN20100407_034443_000000462088_00219_42357_4125.N1	07-APR-2010 03:44:43	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42357	No
47	GOM_NL__2PRFIN20100407_034620_000000462088_00219_42357_4126.N1	07-APR-2010 03:46:20	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42357	No
48	GOM_NL__2PRFIN20100407_034854_000000512088_00219_42357_4127.N1	07-APR-2010 03:48:54	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42357	No
49	GOM_NL__2PRFIN20100407_035430_000000452088_00219_42357_4128.N1	07-APR-2010 03:54:30	Tw_i_and_stray	45.000	106	9Bet Crv	2.6480	5600.0	90	42357	No
50	GOM_NL__2PRFIN20100407_035623_000000412088_00219_42357_4129.N1	07-APR-2010 03:56:23	Tw_i_and_stray	40.500	100	4Gam Crv	2.5800	13100.	81	42357	No
51	GOM_NL__2PRFIN20100407_035801_000000542088_00219_42357_4130.N1	07-APR-2010 03:58:01	Bright	54.000	15	67Alp Vir	0.97600	28000.	108	42357	No
52	GOM_NL__2PRFIN20100407_040109_000000432088_00219_42357_4131.N1	07-APR-2010 04:01:09	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	42357	No
53	GOM_NL__2PRFIN20100407_040549_000000382088_00219_42357_4132.N1	07-APR-2010 04:05:49	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	42357	No
54	GOM_NL__2PRFIN20100407_041347_000000412088_00219_42357_4133.N1	07-APR-2010 04:13:47	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42357	No
55	GOM_NL__2PRFIN20100407_041705_000000372088_00219_42357_4134.N1	07-APR-2010 04:17:05	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42357	No
56	GOM_NL__2PRFIN20100407_041838_000000412088_00219_42357_4135.N1	07-APR-2010 04:18:38	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42357	No
57	GOM_NL__2PRFIN20100407_042504_000000412088_00219_42357_4136.N1	07-APR-2010 04:25:04	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42357	No
58	GOM_NL__2PRFIN20100407_043449_000000392088_00219_42357_4137.N1	07-APR-2010 04:34:49	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42357	No
59	GOM_NL__2PRFIN20100407_044003_000000412088_00219_42357_4138.N1	07-APR-2010 04:40:03	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	42357	No
60	GOM_NL__2PRFIN20100407_044145_000000502088_00219_42357_4139.N1	07-APR-2010 04:41:45	Bright	50.000	66	37Gam Cyg	2.2080	5900.0	100	42357	No
61	GOM_NL__2PRFIN20100407_044357_000000472088_00219_42357_4140.N1	07-APR-2010 04:43:57	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42357	No
62	GOM_NL__2PRFIN20100407_045046_000000482088_00219_42357_4141.N1	07-APR-2010 04:50:46	Tw_i_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42357	No
63	GOM_NL__2PRFIN20100407_045531_000000462088_00219_42357_4142.N1	07-APR-2010 04:55:31	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42357	No
64	GOM_NL__2PRFIN20100407_050956_000000572088_00219_42357_4143.N1	07-APR-2010 05:09:56	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	42357	No
65	GOM_NL__2PRFIN20100407_051702_000000562088_00220_42358_4131.N1	07-APR-2010 05:17:02	Dark	55.500	40	The Sco	1.8590	7100.0	111	42358	No
66	GOM_NL__2PRFIN20100407_051949_000000402088_00220_42358_4132.N1	07-APR-2010 05:19:49	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42358	No
67	GOM_NL__2PRFIN20100407_052519_000000422088_00220_42358_4133.N1	07-APR-2010 05:25:19	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42358	No
68	GOM_NL__2PRFIN20100407_052656_000000442088_00220_42358_4134.N1	07-APR-2010 05:26:56	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42358	No
69	GOM_NL__2PRFIN20100407_052931_000000522088_00220_42358_4135.N1	07-APR-2010 05:29:31	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42358	No
70	GOM_NL__2PRFIN20100407_053506_000000412088_00220_42358_4136.N1	07-APR-2010 05:35:06	Tw_i_and_stray	40.500	106	9Bet Crv	2.6480	5600.0	81	42358	No
71	GOM_NL__2PRFIN20100407_053700_000000412088_00220_42358_4137.N1	07-APR-2010 05:37:00	Tw_i_and_stray	41.000	100	4Gam Crv	2.5800	13100.	82	42358	No
72	GOM_NL__2PRFIN20100407_053837_000000522088_00220_42358_4138.N1	07-APR-2010 05:38:37	Bright	52.000	15	67Alp Vir	0.97600	28000.	104	42358	No
73	GOM_NL__2PRFIN20100407_054145_000000422088_00220_42358_4139.N1	07-APR-2010 05:41:45	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	42358	No
74	GOM_NL__2PRFIN20100407_054625_000000382088_00220_42358_4140.N1	07-APR-2010 05:46:25	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	42358	No
75	GOM_NL__2PRFIN20100407_055423_000000432088_00220_42358_4141.N1	07-APR-2010 05:54:23	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	42358	No
76	GOM_NL__2PRFIN20100407_055741_000000392088_00220_42358_4142.N1	07-APR-2010 05:57:41	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42358	No
77	GOM_NL__2PRFIN20100407_055914_000000392088_00220_42358_4143.N1	07-APR-2010 05:59:14	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42358	No
78	GOM_NL__2PRFIN20100407_060539_000000572088_00220_42358_4144.N1	07-APR-2010 06:05:39	Bright	56.500	60	7Bet UMi	2.0810	3950.0	113	42358	No
79	GOM_NL__2PRFIN20100407_061524_000000372088_00220_42358_4145.N1	07-APR-2010 06:15:24	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42358	No
80	GOM_NL__2PRFIN20100407_062039_000000462088_00220_42358_4146.N1	07-APR-2010 06:20:39	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	42358	No
81	GOM_NL__2PRFIN20100407_062220_000000502088_00220_42358_4147.N1	07-APR-2010 06:22:20	Bright	49.500	66	37Gam Cyg	2.2080	5900.0	99	42358	No
82	GOM_NL__2PRFIN20100407_062433_000000482088_00220_42358_4148.N1	07-APR-2010 06:24:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42358	No
83	GOM_NL__2PRFIN20100407_063122_000000442088_00220_42358_4149.N1	07-APR-2010 06:31:22	Tw_i_and_stray	43.500	61	8Eps Peg	2.1000	3900.0	87	42358	No
84	GOM_NL__2PRFIN20100407_063607_000000472088_00220_42358_4150.N1	07-APR-2010 06:36:07	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42358	No
85	GOM_NL__2PRFIN20100407_065034_000000552088_00220_42358_4151.N1	07-APR-2010 06:50:34	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	42358	No
86	GOM_NL__2PRFIN20100407_065738_000000602088_00221_42359_3131.N1	07-APR-2010 06:57:38	Dark	60.000	40	The Sco	1.8590	7100.0	120	42359	No
87	GOM_NL__2PRFIN20100407_070026_000000412088_00221_42359_3132.N1	07-APR-2010 07:00:26	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42359	No
88	GOM_NL__2PRFIN20100407_070556_000000442088_00221_42359_3133.N1	07-APR-2010 07:05:56	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42359	No
89	GOM_NL__2PRFIN20100407_070732_000000452088_00221_42359_3134.N1	07-APR-2010 07:07:32	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42359	No
90	GOM_NL__2PRFIN20100407_071007_000000512088_00221_42359_3135.N1	07-APR-2010 07:10:07	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42359	No
91	GOM_NL__2PRFIN20100407_071542_000000442088_00221_42359_3136.N1	07-APR-2010 07:15:42	Tw_i_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42359	No
92	GOM_NL__2PRFIN20100407_071736_000000422088_00221_42359_3137.N1	07-APR-2010 07:17:36	Tw_i_and_stray	41.500	100	4Gam Crv	2.5800	13100.	83	42359	No
93	GOM_NL__2PRFIN20100407_071913_000000502088_00221_42359_3138.N1	07-APR-2010 07:19:13	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42359	No
94	GOM_NL__2PRFIN20100407_072221_000000402088_00221_42359_3139.N1	07-APR-2010 07:22:21	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42359	No
95	GOM_NL__2PRFIN20100407_072701_000000382088_00221_42359_3140.N1	07-APR-2010 07:27:01	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	42359	No
96	GOM_NL__2PRFIN20100407_073458_000000422088_00221_42359_3141.N1	07-APR-2010 07:34:58	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42359	No
97	GOM_NL__2PRFIN20100407_073817_000000392088_00221_42359_3142.N1	07-APR-2010 07:38:17	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42359	No
98	GOM_NL__2PRFIN20100407_073950_000000402088_00221_42359_3143.N1	07-APR-2010 07:39:50	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42359	No
99	GOM_NL__2PRFIN20100407_074615_000000572088_00221_42359_3144.N1	07-APR-2010 07:46:15	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42359	No
100	GOM_NL__2PRFIN20100407_075600_000000492088_00221_42359_3145.N1	07-APR-2010 07:56:00	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	42359	No
101	GOM_NL__2PRFIN20100407_080114_000000432088_00221_42359_3146.N1	07-APR-2010 08:01:14	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	42359	No

102	GOM_NL__2PRFIN20100407_080256_000000482088_00221_42359_3147.N1	07-APR-2010 08:02:56	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	42359	No
103	GOM_NL__2PRFIN20100407_080509_000000462088_00221_42359_3148.N1	07-APR-2010 08:05:09	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	42359	No
104	GOM_NL__2PRFIN20100407_081159_000000452088_00221_42359_3149.N1	07-APR-2010 08:11:59	Tw_i_and_stray	45.000	61	8Eps Peg	2.1000	3900.0	90	42359	No
105	GOM_NL__2PRFIN20100407_081644_000000462088_00221_42359_3150.N1	07-APR-2010 08:16:44	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42359	No
106	GOM_NL__2PRFIN20100407_083111_000000542088_00221_42359_3151.N1	07-APR-2010 08:31:11	Dark	54.000	103	38Zet Sgr	2.6000	9700.0	108	42359	No
107	GOM_NL__2PRFIN20100407_083816_000000532088_00222_42360_3139.N1	07-APR-2010 08:38:16	Dark	52.500	40	The Sco	1.8590	7100.0	105	42360	No
108	GOM_NL__2PRFIN20100407_084102_000000412088_00222_42360_3140.N1	07-APR-2010 08:41:02	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42360	No
109	GOM_NL__2PRFIN20100407_084632_000000442088_00222_42360_3141.N1	07-APR-2010 08:46:32	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42360	No
110	GOM_NL__2PRFIN20100407_084809_000000472088_00222_42360_3142.N1	07-APR-2010 08:48:09	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42360	No
111	GOM_NL__2PRFIN20100407_085043_000000482088_00222_42360_3143.N1	07-APR-2010 08:50:43	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42360	No
112	GOM_NL__2PRFIN20100407_085618_000000442088_00222_42360_3144.N1	07-APR-2010 08:56:18	Tw_i_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42360	No
113	GOM_NL__2PRFIN20100407_085812_000000432088_00222_42360_3145.N1	07-APR-2010 08:58:12	Tw_i_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42360	No
114	GOM_NL__2PRFIN20100407_085949_000000502088_00222_42360_3146.N1	07-APR-2010 08:59:49	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42360	No
115	GOM_NL__2PRFIN20100407_090257_000000432088_00222_42360_3147.N1	07-APR-2010 09:02:57	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	42360	No
116	GOM_NL__2PRFIN20100407_090736_000000372088_00222_42360_3148.N1	07-APR-2010 09:07:36	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42360	No
117	GOM_NL__2PRFIN20100407_091534_000000412088_00222_42360_3149.N1	07-APR-2010 09:15:34	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42360	No
118	GOM_NL__2PRFIN20100407_091852_000000362088_00222_42360_3150.N1	07-APR-2010 09:18:52	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42360	No
119	GOM_NL__2PRFIN20100407_092025_000000402088_00222_42360_3151.N1	07-APR-2010 09:20:25	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	42360	No
120	GOM_NL__2PRFIN20100407_092650_000000392088_00222_42360_3152.N1	07-APR-2010 09:26:50	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42360	No
121	GOM_NL__2PRFIN20100407_093636_000000392088_00222_42360_3153.N1	07-APR-2010 09:36:36	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42360	No
122	GOM_NL__2PRFIN20100407_094150_000000462088_00222_42360_3154.N1	07-APR-2010 09:41:50	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42360	No
123	GOM_NL__2PRFIN20100407_094332_000000492088_00222_42360_3155.N1	07-APR-2010 09:43:32	Bright	49.000	66	37Gam Cyg	2.2080	5900.0	98	42360	No
124	GOM_NL__2PRFIN20100407_094545_000000482088_00222_42360_3156.N1	07-APR-2010 09:45:45	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42360	No
125	GOM_NL__2PRFIN20100407_095235_000000502088_00222_42360_3157.N1	07-APR-2010 09:52:35	Tw_i_and_stray	49.500	61	8Eps Peg	2.1000	3900.0	99	42360	No
126	GOM_NL__2PRFIN20100407_095720_000000442088_00222_42360_3158.N1	07-APR-2010 09:57:20	Dark	43.500	154	22Bet Aqr	2.8990	5700.0	87	42360	No
127	GOM_NL__2PRFIN20100407_101148_000000542088_00222_42360_3159.N1	07-APR-2010 10:11:48	Dark	54.000	103	38Zet Sgr	2.6000	9700.0	108	42360	No
128	GOM_NL__2PRFIN20100407_101852_000000522088_00223_42361_3167.N1	07-APR-2010 10:18:52	Dark	52.000	40	The Sco	1.8590	7100.0	104	42361	No
129	GOM_NL__2PRFIN20100407_102139_000000392088_00223_42361_3168.N1	07-APR-2010 10:21:39	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42361	No
130	GOM_NL__2PRFIN20100407_102709_000000432088_00223_42361_3169.N1	07-APR-2010 10:27:09	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42361	No
131	GOM_NL__2PRFIN20100407_102845_000000452088_00223_42361_3170.N1	07-APR-2010 10:28:45	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42361	No
132	GOM_NL__2PRFIN20100407_103120_000000512088_00223_42361_3171.N1	07-APR-2010 10:31:20	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42361	No
133	GOM_NL__2PRFIN20100407_103654_000000452088_00223_42361_3172.N1	07-APR-2010 10:36:54	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42361	No
134	GOM_NL__2PRFIN20100407_103848_000000442088_00223_42361_3173.N1	07-APR-2010 10:38:48	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42361	No
135	GOM_NL__2PRFIN20100407_104025_000000532088_00223_42361_3174.N1	07-APR-2010 10:40:25	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	42361	No
136	GOM_NL__2PRFIN20100407_104333_000000422088_00223_42361_3175.N1	07-APR-2010 10:43:33	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	42361	No
137	GOM_NL__2PRFIN20100407_104812_000000392088_00223_42361_3176.N1	07-APR-2010 10:48:12	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	42361	No
138	GOM_NL__2PRFIN20100407_105609_000000412088_00223_42361_3177.N1	07-APR-2010 10:56:09	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42361	No
139	GOM_NL__2PRFIN20100407_105928_000000392088_00223_42361_3178.N1	07-APR-2010 10:59:28	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42361	No
140	GOM_NL__2PRFIN20100407_110101_000000382088_00223_42361_3179.N1	07-APR-2010 11:01:01	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42361	No
141	GOM_NL__2PRFIN20100407_110726_000000402088_00223_42361_3180.N1	07-APR-2010 11:07:26	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42361	No
142	GOM_NL__2PRFIN20100407_111712_000000362088_00223_42361_3181.N1	07-APR-2010 11:17:12	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	42361	No
143	GOM_NL__2PRFIN20100407_112226_000000482088_00223_42361_3182.N1	07-APR-2010 11:22:26	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42361	No
144	GOM_NL__2PRFIN20100407_112408_000000472088_00223_42361_3183.N1	07-APR-2010 11:24:08	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42361	No
145	GOM_NL__2PRFIN20100407_112621_000000482088_00223_42361_3184.N1	07-APR-2010 11:26:21	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	42361	No
146	GOM_NL__2PRFIN20100407_113311_000000492088_00223_42361_3185.N1	07-APR-2010 11:33:11	Tw_i_and_stray	48.500	61	8Eps Peg	2.1000	3900.0	97	42361	No
147	GOM_NL__2PRFIN20100407_113756_000000452088_00223_42361_3186.N1	07-APR-2010 11:37:56	Dark	44.500	154	22Bet Aqr	2.8990	5700.0	89	42361	No
148	GOM_NL__2PRFIN20100407_115225_000000552088_00223_42361_3187.N1	07-APR-2010 11:52:25	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	42361	No
149	GOM_NL__2PRFIN20100407_115929_000000522088_00224_42362_3175.N1	07-APR-2010 11:59:29	Dark	51.500	40	The Sco	1.8590	7100.0	103	42362	No
150	GOM_NL__2PRFIN20100407_120214_000000392088_00224_42362_3176.N1	07-APR-2010 12:02:14	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42362	No
151	GOM_NL__2PRFIN20100407_120745_000000442088_00224_42362_3177.N1	07-APR-2010 12:07:45	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42362	No
152	GOM_NL__2PRFIN20100407_120922_000000462088_00224_42362_3178.N1	07-APR-2010 12:09:22	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42362	No
153	GOM_NL__2PRFIN20100407_121156_000000512088_00224_42362_3179.N1	07-APR-2010 12:11:56	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42362	No
154	GOM_NL__2PRFIN20100407_121731_000000452088_00224_42362_3180.N1	07-APR-2010 12:17:31	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42362	No
155	GOM_NL__2PRFIN20100407_121924_000000432088_00224_42362_3181.N1	07-APR-2010 12:19:24	Tw_i_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	42362	No
156	GOM_NL__2PRFIN20100407_122101_000000542088_00224_42362_3182.N1	07-APR-2010 12:21:01	Bright	54.000	15	67Alp Vir	0.97600	28000.	108	42362	No
157	GOM_NL__2PRFIN20100407_122409_000000412088_00224_42362_3183.N1	07-APR-2010 12:24:09	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42362	No
158	GOM_NL__2PRFIN20100407_122848_000000372088_00224_42362_3184.N1	07-APR-2010 12:28:48	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42362	No
159	GOM_NL__2PRFIN20100407_123645_000000402088_00224_42362_3185.N1	07-APR-2010 12:36:45	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42362	No
160	GOM_NL__2PRFIN20100407_124004_000000382088_00224_42362_3186.N1	07-APR-2010 12:40:04	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42362	No

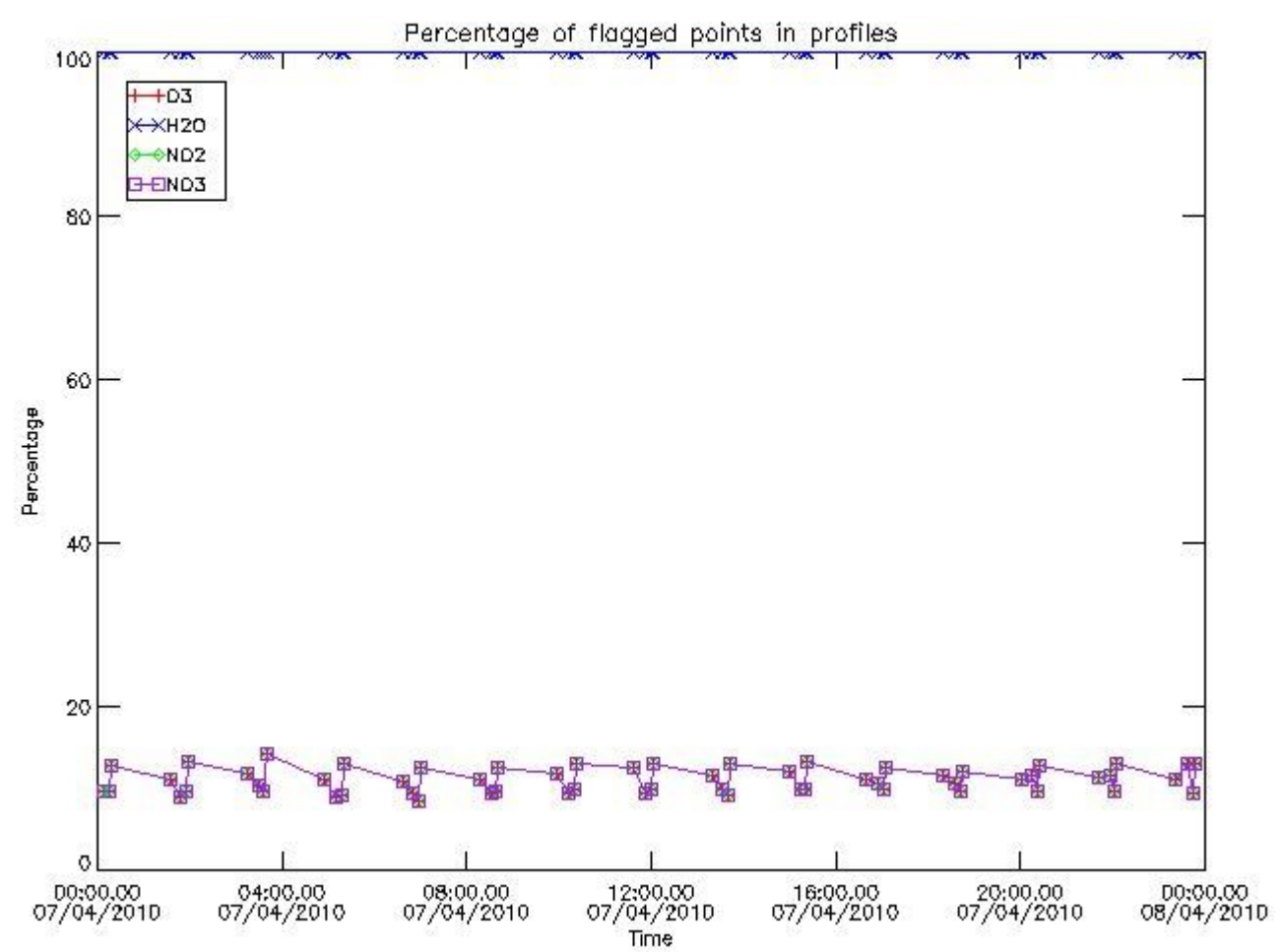
161	GOM_NL__2PRFIN20100407_124136_000000392088_00224_42362_3187.N1	07-APR-2010 12:41:36	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42362	No
162	GOM_NL__2PRFIN20100407_124801_000000442088_00224_42362_3188.N1	07-APR-2010 12:48:01	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	42362	No
163	GOM_NL__2PRFIN20100407_125748_000000392088_00224_42362_3189.N1	07-APR-2010 12:57:48	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42362	No
164	GOM_NL__2PRFIN20100407_130302_000000622088_00224_42362_3190.N1	07-APR-2010 13:03:02	Bright	62.000	19	50Alp Cyg	1.2460	10500.	124	42362	No
165	GOM_NL__2PRFIN20100407_130444_000000502088_00224_42362_3191.N1	07-APR-2010 13:04:44	Bright	49.500	66	37Gam Cyg	2.2080	5900.0	99	42362	No
166	GOM_NL__2PRFIN20100407_130657_000000472088_00224_42362_3192.N1	07-APR-2010 13:06:57	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	42362	No
167	GOM_NL__2PRFIN20100407_131347_000000492088_00224_42362_3193.N1	07-APR-2010 13:13:47	Tw_i_and_stray	49.000	61	8Eps Peg	2.1000	3900.0	98	42362	No
168	GOM_NL__2PRFIN20100407_131833_000000442088_00224_42362_3194.N1	07-APR-2010 13:18:33	Dark	44.000	154	22Bet Aqr	2.8990	5700.0	88	42362	No
169	GOM_NL__2PRFIN20100407_133302_000000522088_00224_42362_3195.N1	07-APR-2010 13:33:02	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	42362	No
170	GOM_NL__2PRFIN20100407_134006_000000562088_00225_42363_3183.N1	07-APR-2010 13:40:06	Dark	56.000	40	The Sco	1.8590	7100.0	112	42363	No
171	GOM_NL__2PRFIN20100407_134251_000000392088_00225_42363_3184.N1	07-APR-2010 13:42:51	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42363	No
172	GOM_NL__2PRFIN20100407_134822_000000422088_00225_42363_3185.N1	07-APR-2010 13:48:22	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42363	No
173	GOM_NL__2PRFIN20100407_134958_000000482088_00225_42363_3186.N1	07-APR-2010 13:49:58	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42363	No
174	GOM_NL__2PRFIN20100407_135232_000000522088_00225_42363_3187.N1	07-APR-2010 13:52:32	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42363	No
175	GOM_NL__2PRFIN20100407_135806_000000442088_00225_42363_3188.N1	07-APR-2010 13:58:06	Tw_i_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42363	No
176	GOM_NL__2PRFIN20100407_140000_000000412088_00225_42363_3189.N1	07-APR-2010 14:00:00	Tw_i_and_stray	40.500	100	4Gam Crv	2.5800	13100.	81	42363	No
177	GOM_NL__2PRFIN20100407_140137_000000532088_00225_42363_3190.N1	07-APR-2010 14:01:37	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	42363	No
178	GOM_NL__2PRFIN20100407_140445_000000422088_00225_42363_3191.N1	07-APR-2010 14:04:45	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	42363	No
179	GOM_NL__2PRFIN20100407_140924_000000372088_00225_42363_3192.N1	07-APR-2010 14:09:24	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42363	No
180	GOM_NL__2PRFIN20100407_141720_000000422088_00225_42363_3193.N1	07-APR-2010 14:17:20	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42363	No
181	GOM_NL__2PRFIN20100407_142040_000000382088_00225_42363_3194.N1	07-APR-2010 14:20:40	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42363	No
182	GOM_NL__2PRFIN20100407_142212_000000412088_00225_42363_3195.N1	07-APR-2010 14:22:12	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42363	No
183	GOM_NL__2PRFIN20100407_142837_000000392088_00225_42363_3196.N1	07-APR-2010 14:28:37	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42363	No
184	GOM_NL__2PRFIN20100407_143824_000000392088_00225_42363_3197.N1	07-APR-2010 14:38:24	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42363	No
185	GOM_NL__2PRFIN20100407_144338_000000472088_00225_42363_3198.N1	07-APR-2010 14:43:38	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42363	No
186	GOM_NL__2PRFIN20100407_144520_000000492088_00225_42363_3199.N1	07-APR-2010 14:45:20	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	42363	No
187	GOM_NL__2PRFIN20100407_144732_000000482088_00225_42363_3200.N1	07-APR-2010 14:47:32	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	42363	No
188	GOM_NL__2PRFIN20100407_145424_000000482088_00225_42363_3201.N1	07-APR-2010 14:54:24	Tw_i_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42363	No
189	GOM_NL__2PRFIN20100407_145909_000000432088_00225_42363_3202.N1	07-APR-2010 14:59:09	Dark	42.500	154	22Bet Aqr	2.8990	5700.0	85	42363	No
190	GOM_NL__2PRFIN20100407_151340_000000522088_00225_42363_3203.N1	07-APR-2010 15:13:40	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	42363	No
191	GOM_NL__2PRFIN20100407_152043_000000522088_00226_42364_3191.N1	07-APR-2010 15:20:43	Dark	51.500	40	The Sco	1.8590	7100.0	103	42364	No
192	GOM_NL__2PRFIN20100407_152328_000000392088_00226_42364_3192.N1	07-APR-2010 15:23:28	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	42364	No
193	GOM_NL__2PRFIN20100407_152858_000000442088_00226_42364_3193.N1	07-APR-2010 15:28:58	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42364	No
194	GOM_NL__2PRFIN20100407_153035_000000472088_00226_42364_3194.N1	07-APR-2010 15:30:35	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42364	No
195	GOM_NL__2PRFIN20100407_153309_000000522088_00226_42364_3195.N1	07-APR-2010 15:33:09	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42364	No
196	GOM_NL__2PRFIN20100407_153843_000000442088_00226_42364_3196.N1	07-APR-2010 15:38:43	Tw_i_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42364	No
197	GOM_NL__2PRFIN20100407_154036_000000442088_00226_42364_3197.N1	07-APR-2010 15:40:36	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42364	No
198	GOM_NL__2PRFIN20100407_154212_000000522088_00226_42364_3198.N1	07-APR-2010 15:42:12	Bright	52.000	15	67Alp Vir	0.97600	28000.	104	42364	No
199	GOM_NL__2PRFIN20100407_154520_000000412088_00226_42364_3199.N1	07-APR-2010 15:45:20	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42364	No
200	GOM_NL__2PRFIN20100407_155000_000000372088_00226_42364_3200.N1	07-APR-2010 15:50:00	Bright	37.000	62	94Bet Leo	2.1360	9700.0	74	42364	No
201	GOM_NL__2PRFIN20100407_155756_000000412088_00226_42364_3201.N1	07-APR-2010 15:57:56	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42364	No
202	GOM_NL__2PRFIN20100407_160115_000000382088_00226_42364_3202.N1	07-APR-2010 16:01:15	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42364	No
203	GOM_NL__2PRFIN20100407_160247_000000392088_00226_42364_3203.N1	07-APR-2010 16:02:47	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42364	No
204	GOM_NL__2PRFIN20100407_160913_000000372088_00226_42364_3204.N1	07-APR-2010 16:09:13	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42364	No
205	GOM_NL__2PRFIN20100407_161859_000000402088_00226_42364_3205.N1	07-APR-2010 16:18:59	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42364	No
206	GOM_NL__2PRFIN20100407_162414_000000442088_00226_42364_3206.N1	07-APR-2010 16:24:14	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	42364	No
207	GOM_NL__2PRFIN20100407_162556_000000492088_00226_42364_3207.N1	07-APR-2010 16:25:56	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	42364	No
208	GOM_NL__2PRFIN20100407_162809_000000482088_00226_42364_3208.N1	07-APR-2010 16:28:09	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42364	No
209	GOM_NL__2PRFIN20100407_163500_000000482088_00226_42364_3209.N1	07-APR-2010 16:35:00	Tw_i_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42364	No
210	GOM_NL__2PRFIN20100407_163946_000000462088_00226_42364_3210.N1	07-APR-2010 16:39:46	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42364	No
211	GOM_NL__2PRFIN20100407_165417_000000482088_00226_42364_3211.N1	07-APR-2010 16:54:17	Dark	48.000	103	38Zet Sgr	2.6000	9700.0	96	42364	No
212	GOM_NL__2PRFIN20100407_170120_000000512088_00227_42365_3208.N1	07-APR-2010 17:01:20	Dark	51.000	40	The Sco	1.8590	7100.0	102	42365	No
213	GOM_NL__2PRFIN20100407_170404_000000412088_00227_42365_3209.N1	07-APR-2010 17:04:04	Dark	41.000	134	Bet TrA	2.8100	6600.0	82	42365	No
214	GOM_NL__2PRFIN20100407_170935_000000442088_00227_42365_3210.N1	07-APR-2010 17:09:35	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42365	No
215	GOM_NL__2PRFIN20100407_171112_000000442088_00227_42365_3211.N1	07-APR-2010 17:11:12	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42365	No
216	GOM_NL__2PRFIN20100407_171345_000000512088_00227_42365_3212.N1	07-APR-2010 17:13:45	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42365	No
217	GOM_NL__2PRFIN20100407_171919_000000432088_00227_42365_3213.N1	07-APR-2010 17:19:19	Tw_i_and_stray	43.000	106	9Bet Crv	2.6480	5600.0	86	42365	No
218	GOM_NL__2PRFIN20100407_172112_000000442088_00227_42365_3214.N1	07-APR-2010 17:21:12	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42365	No
219	GOM_NL__2PRFIN20100407_172249_000000522088_00227_42365_3215.N1	07-APR-2010 17:22:49	Bright	51.500	15	67Alp Vir	0.97600	28000.	103	42365	No

279	GOM_NL__2PRFIN20100407_221534_000000502088_00230_42368_4173.N1	07-APR-2010 22:15:34	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42368	No
280	GOM_NL__2PRFIN20100407_222107_000000452088_00230_42368_4174.N1	07-APR-2010 22:21:07	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42368	No
281	GOM_NL__2PRFIN20100407_222300_000000442088_00230_42368_4175.N1	07-APR-2010 22:23:00	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42368	No
282	GOM_NL__2PRFIN20100407_222436_000000502088_00230_42368_4176.N1	07-APR-2010 22:24:36	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42368	No
283	GOM_NL__2PRFIN20100407_222744_000000422088_00230_42368_4177.N1	07-APR-2010 22:27:44	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	42368	No
284	GOM_NL__2PRFIN20100407_223223_000000372088_00230_42368_4178.N1	07-APR-2010 22:32:23	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42368	No
285	GOM_NL__2PRFIN20100407_224017_000000402088_00230_42368_4179.N1	07-APR-2010 22:40:17	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42368	No
286	GOM_NL__2PRFIN20100407_224338_000000352088_00230_42368_4180.N1	07-APR-2010 22:43:38	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	42368	No
287	GOM_NL__2PRFIN20100407_224510_000000402088_00230_42368_4181.N1	07-APR-2010 22:45:10	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42368	No
288	GOM_NL__2PRFIN20100407_225135_000000382088_00230_42368_4182.N1	07-APR-2010 22:51:35	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42368	No
289	GOM_NL__2PRFIN20100407_230123_000000402088_00230_42368_4183.N1	07-APR-2010 23:01:23	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42368	No
290	GOM_NL__2PRFIN20100407_230637_000000472088_00230_42368_4184.N1	07-APR-2010 23:06:37	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42368	No
291	GOM_NL__2PRFIN20100407_230819_000000482088_00230_42368_4185.N1	07-APR-2010 23:08:19	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	42368	No
292	GOM_NL__2PRFIN20100407_231033_000000482088_00230_42368_4186.N1	07-APR-2010 23:10:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42368	No
293	GOM_NL__2PRFIN20100407_231725_000000482088_00230_42368_4187.N1	07-APR-2010 23:17:25	Tw_i_and_stray	47.500	61	8Eps Peg	2.1000	3900.0	95	42368	No
294	GOM_NL__2PRFIN20100407_232211_000000462088_00230_42368_4188.N1	07-APR-2010 23:22:11	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42368	No
295	GOM_NL__2PRFIN20100407_233647_000000392088_00230_42368_4189.N1	07-APR-2010 23:36:47	Dark	39.000	103	38Zet Sgr	2.6000	9700.0	78	42368	No
296	GOM_NL__2PRFIN20100407_234348_000000552088_00231_42369_4097.N1	07-APR-2010 23:43:48	Dark	54.500	40	The Sco	1.8590	7100.0	109	42369	No
297	GOM_NL__2PRFIN20100407_234630_000000392088_00231_42369_4098.N1	07-APR-2010 23:46:30	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42369	No
298	GOM_NL__2PRFIN20100407_235201_000000432088_00231_42369_4099.N1	07-APR-2010 23:52:01	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42369	No
299	GOM_NL__2PRFIN20100407_235337_000000472088_00231_42369_4100.N1	07-APR-2010 23:53:37	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42369	No
300	GOM_NL__2PRFIN20100407_235611_000000492088_00231_42369_4101.N1	07-APR-2010 23:56:11	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42369	No

3. Quality information per product

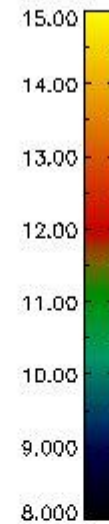
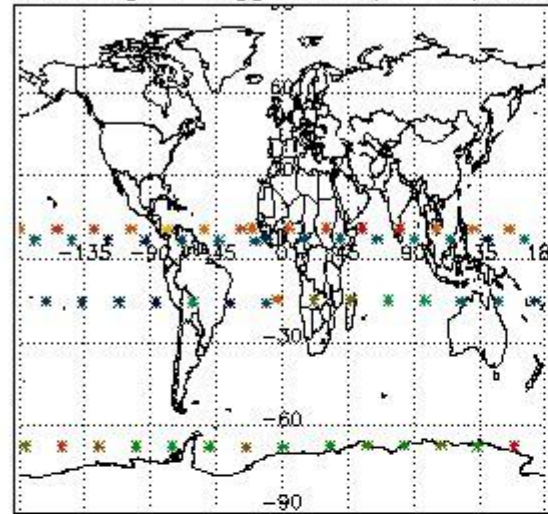
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

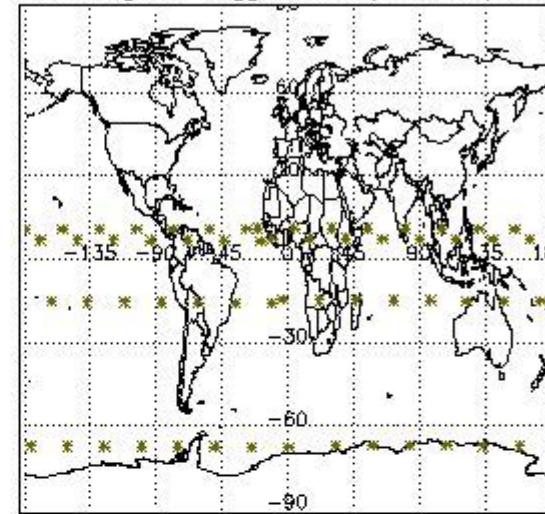


3.2 Plot quality information per product (world map)

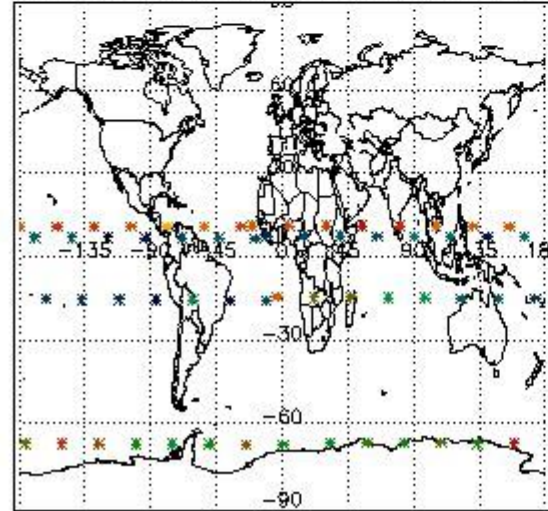
Percentage of flagged data per O3 profile



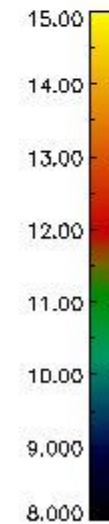
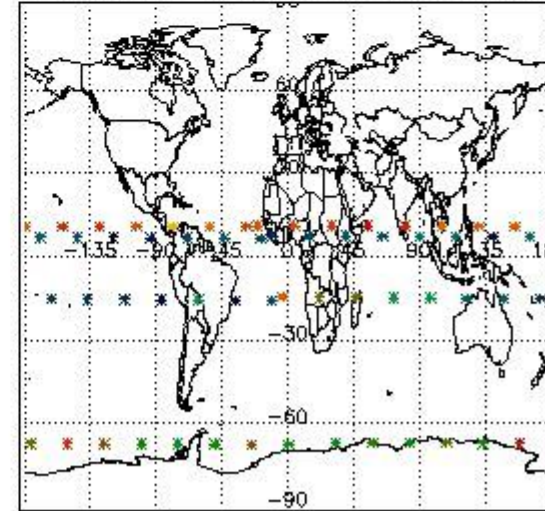
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

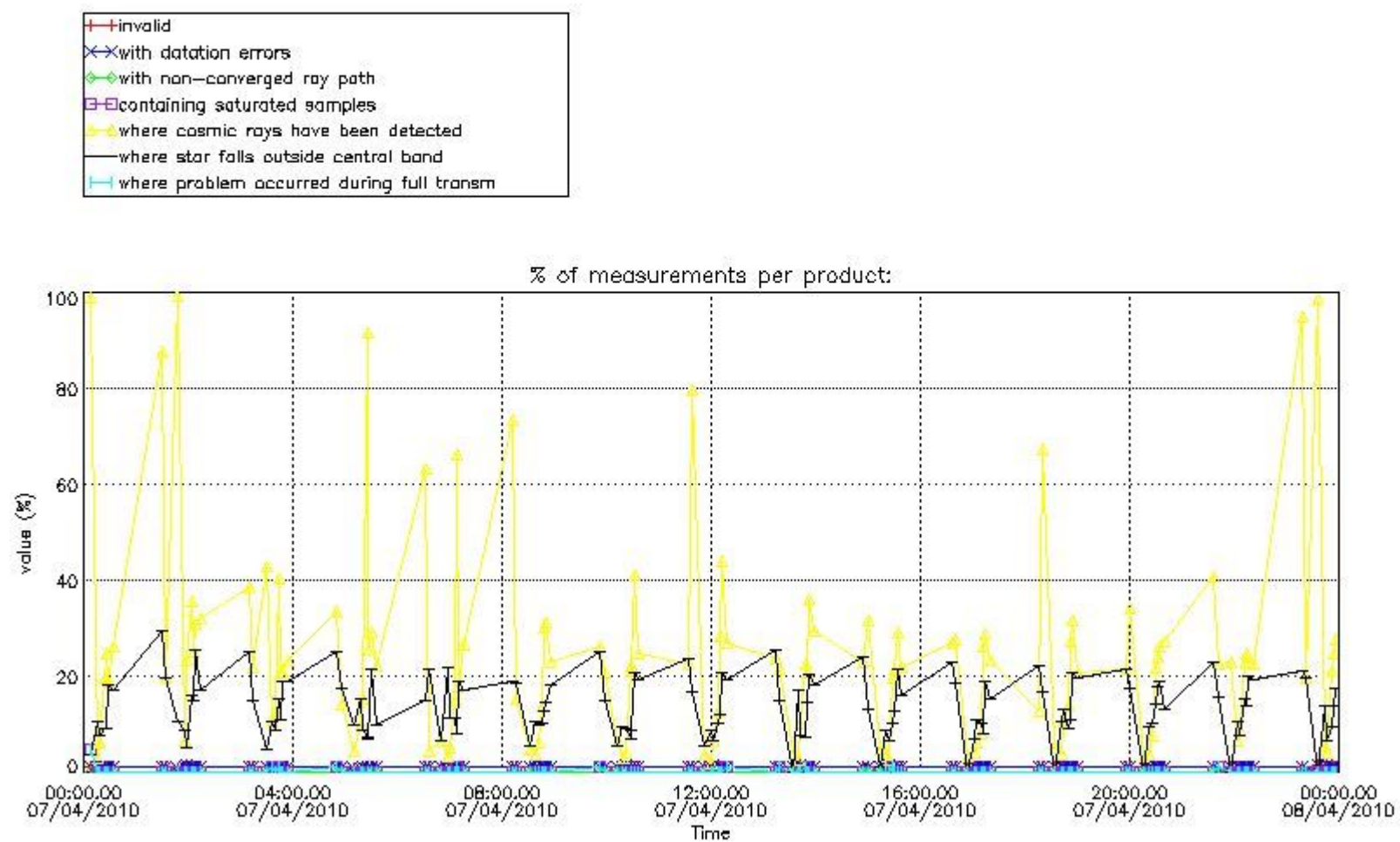


4. Level 1 quality information per product

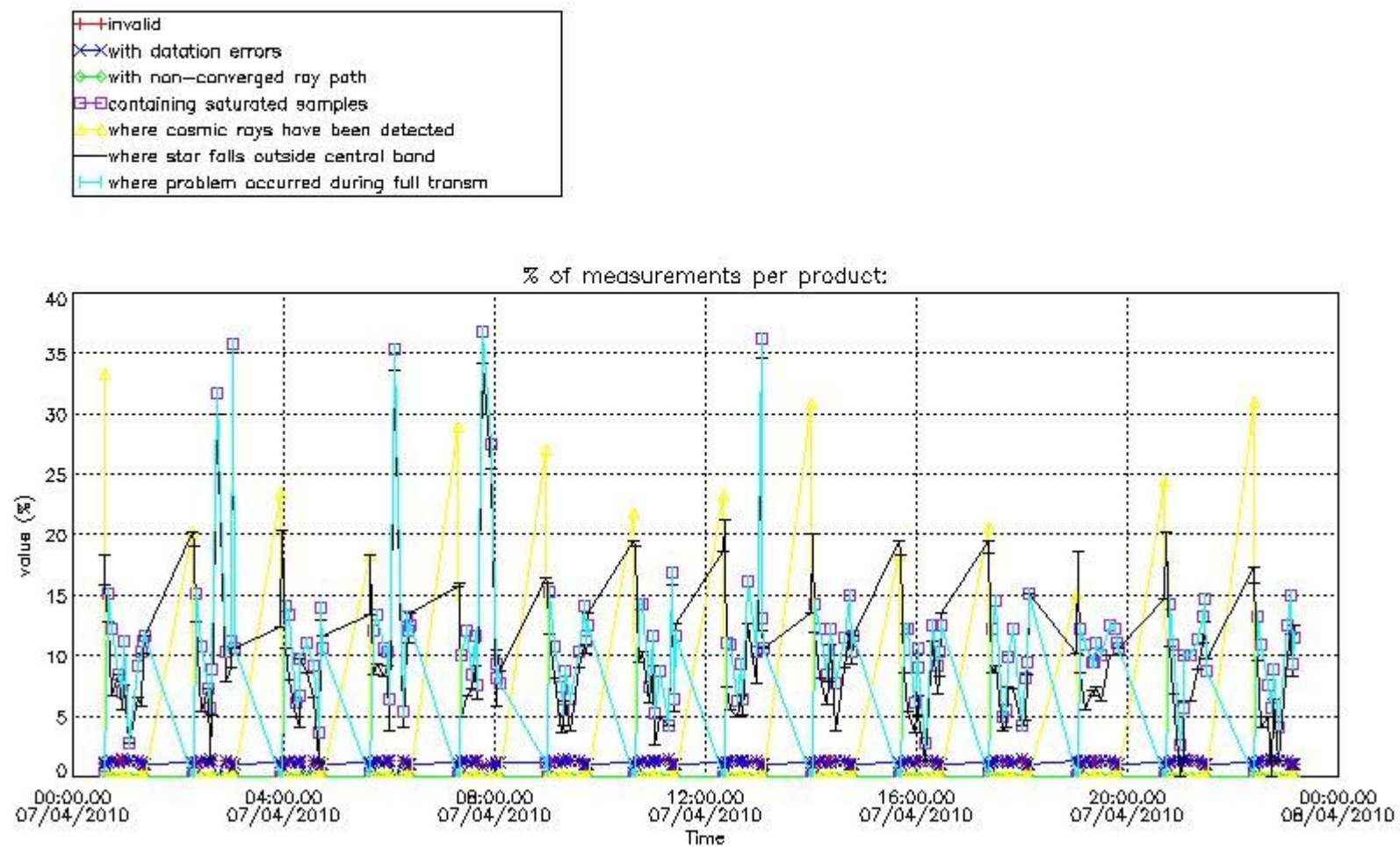
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

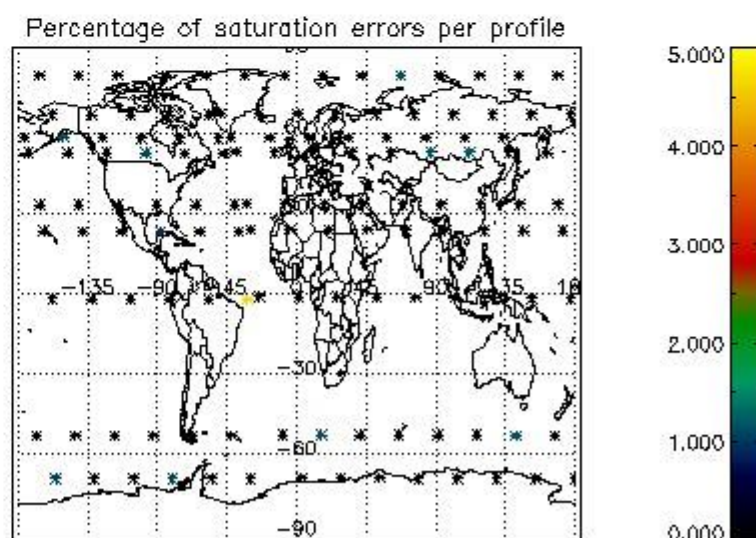
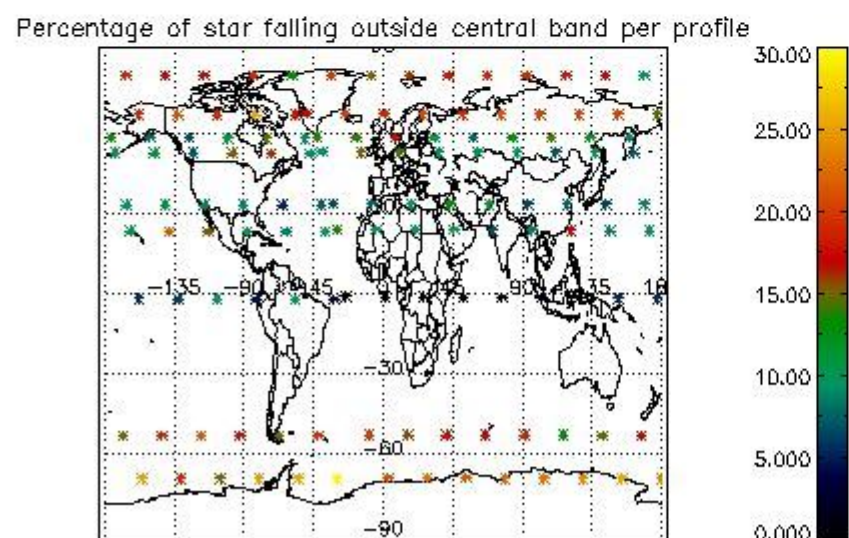
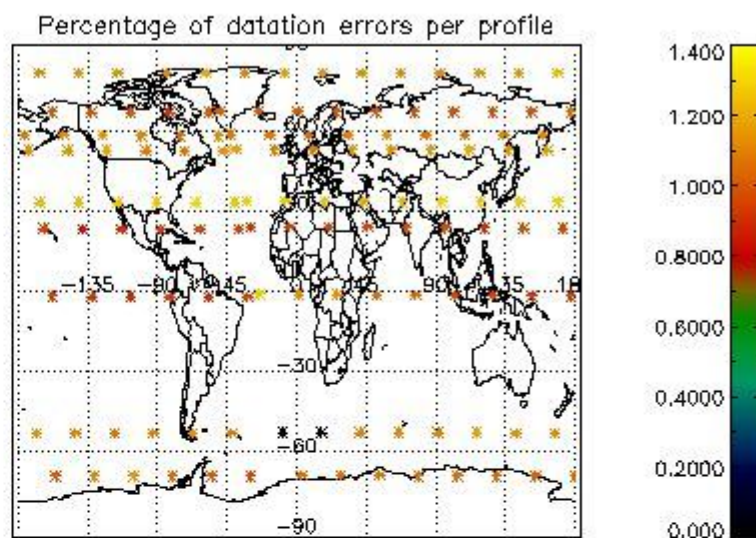
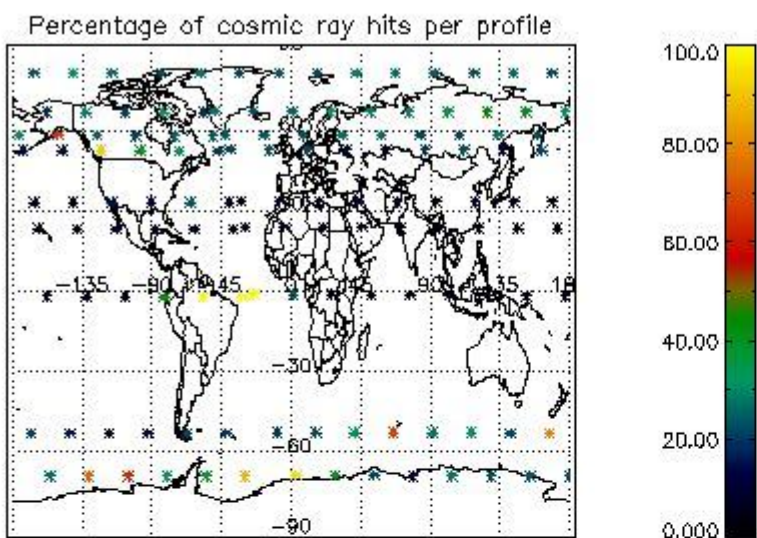


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

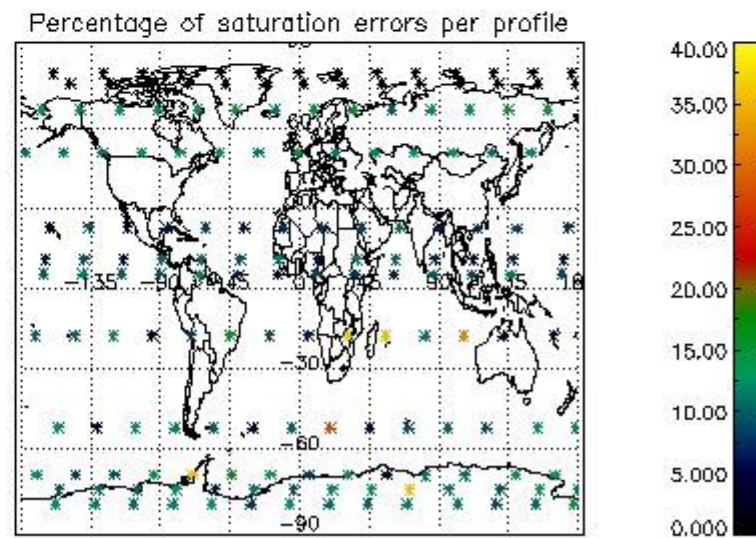
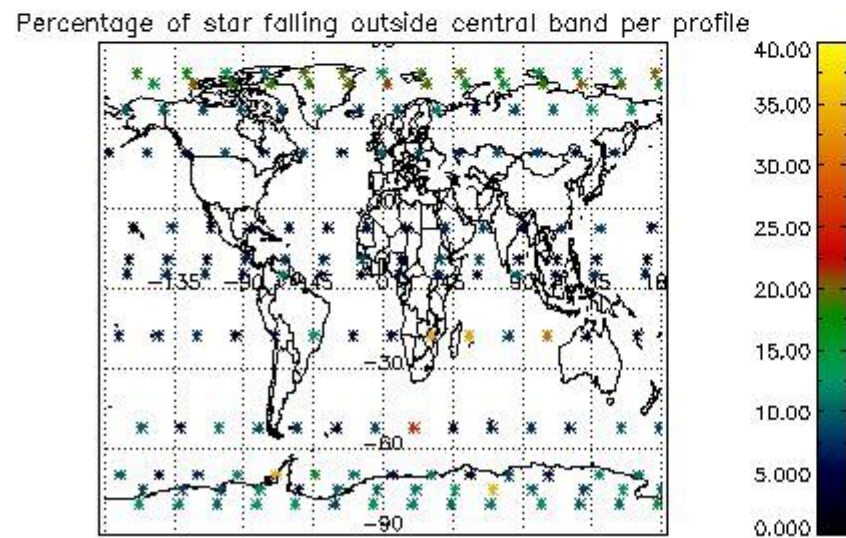
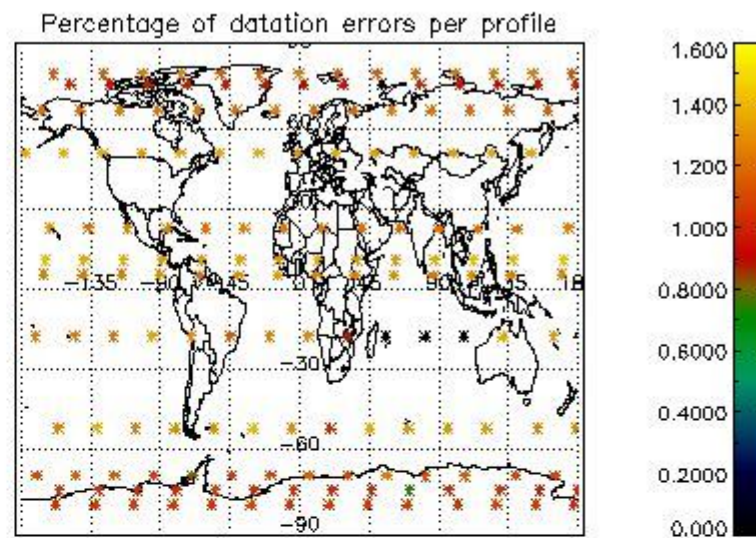
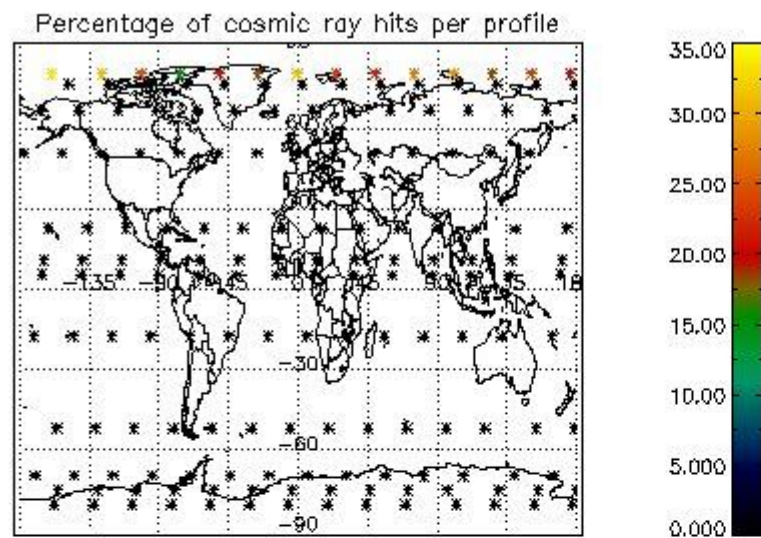


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

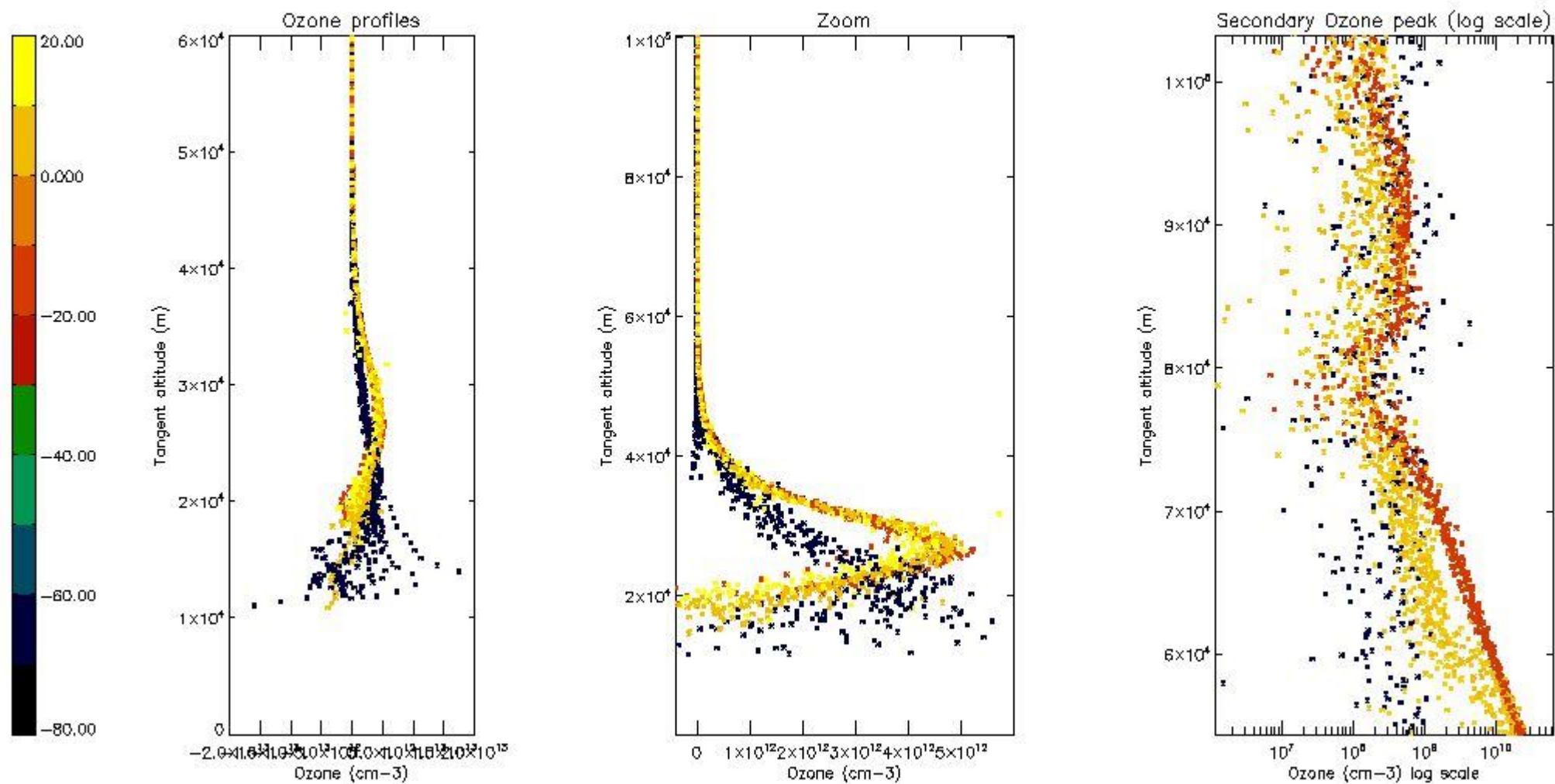
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	8

STD < 10	5
STD < 5	1

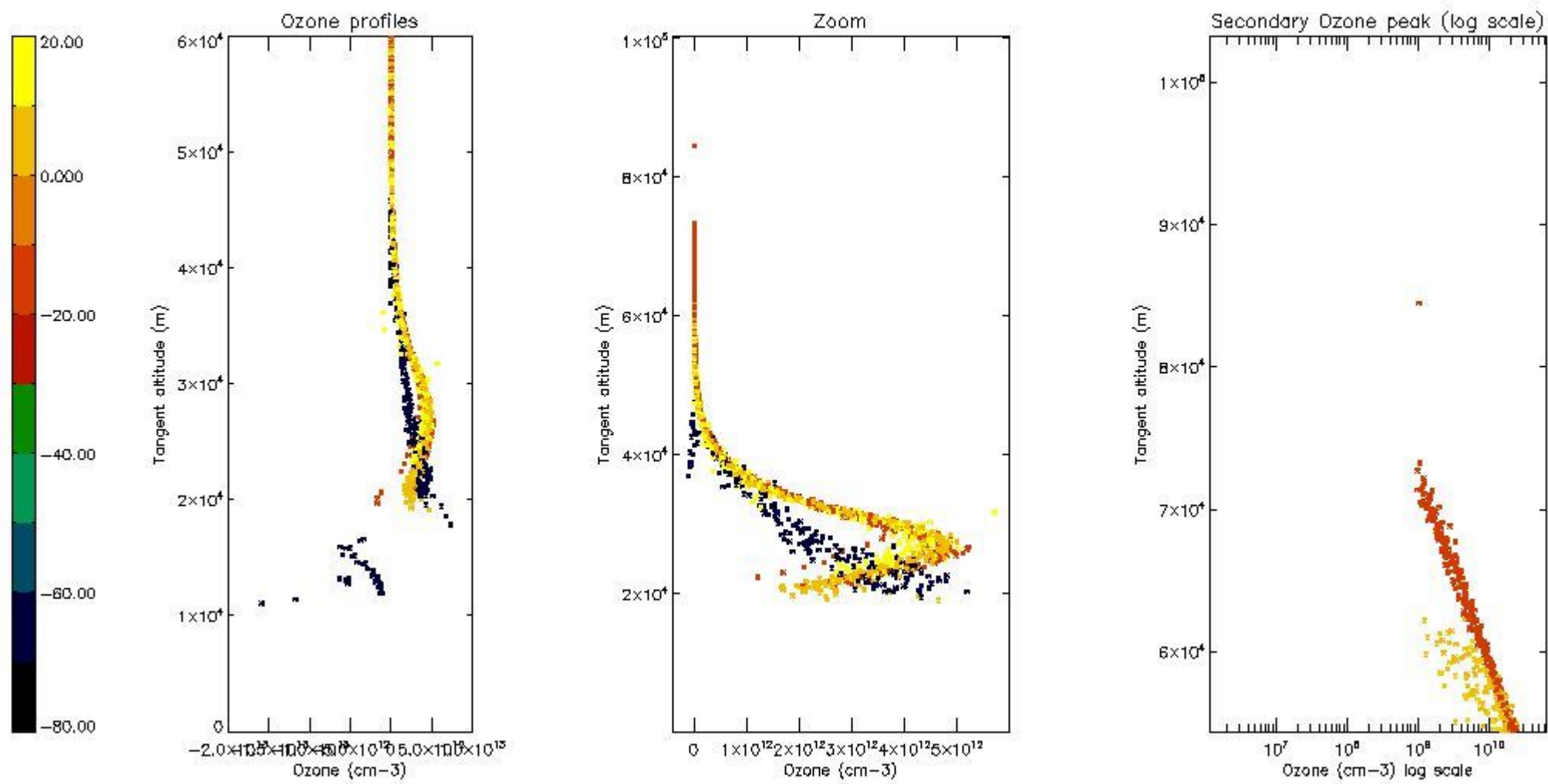
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



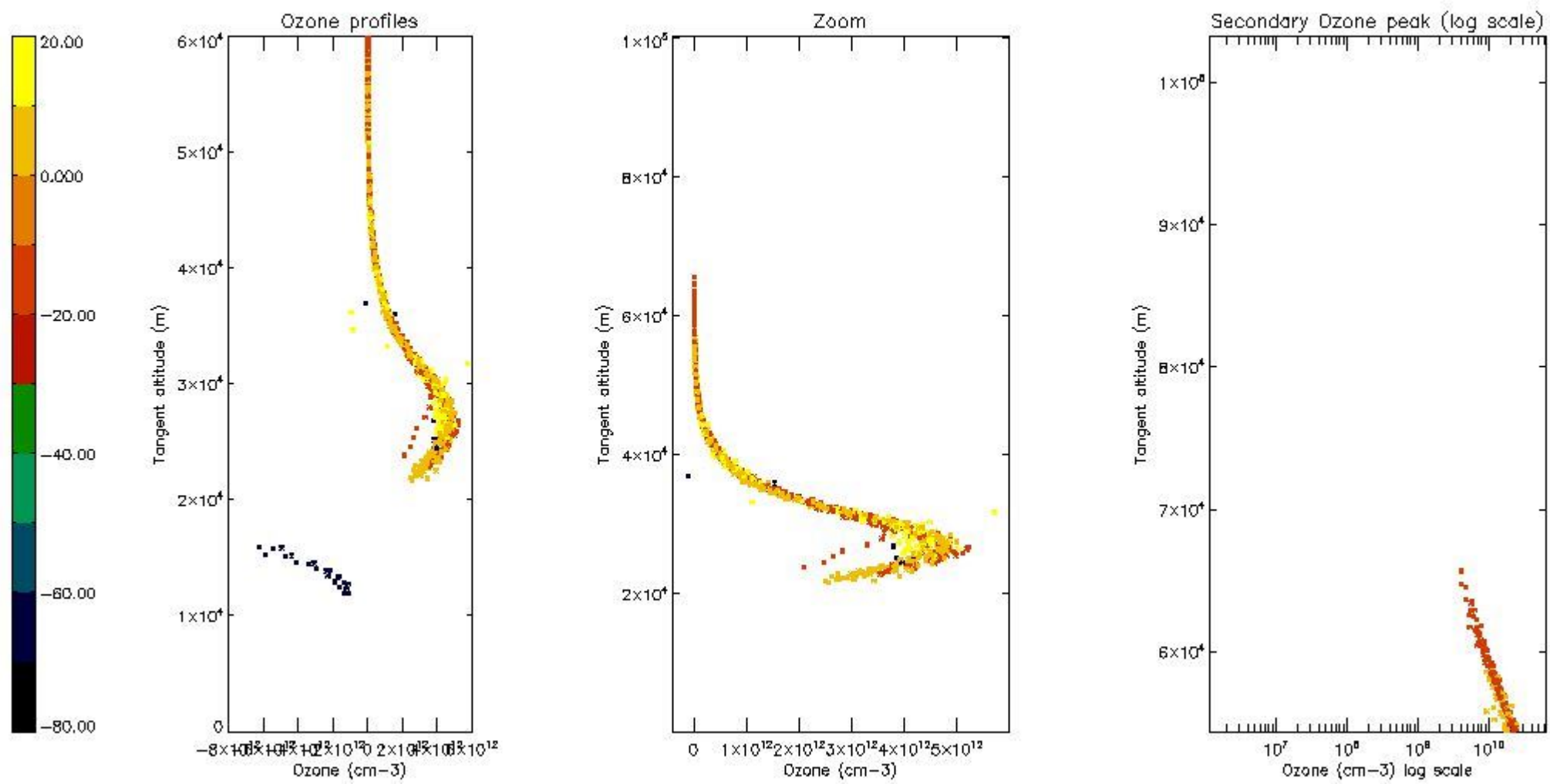
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



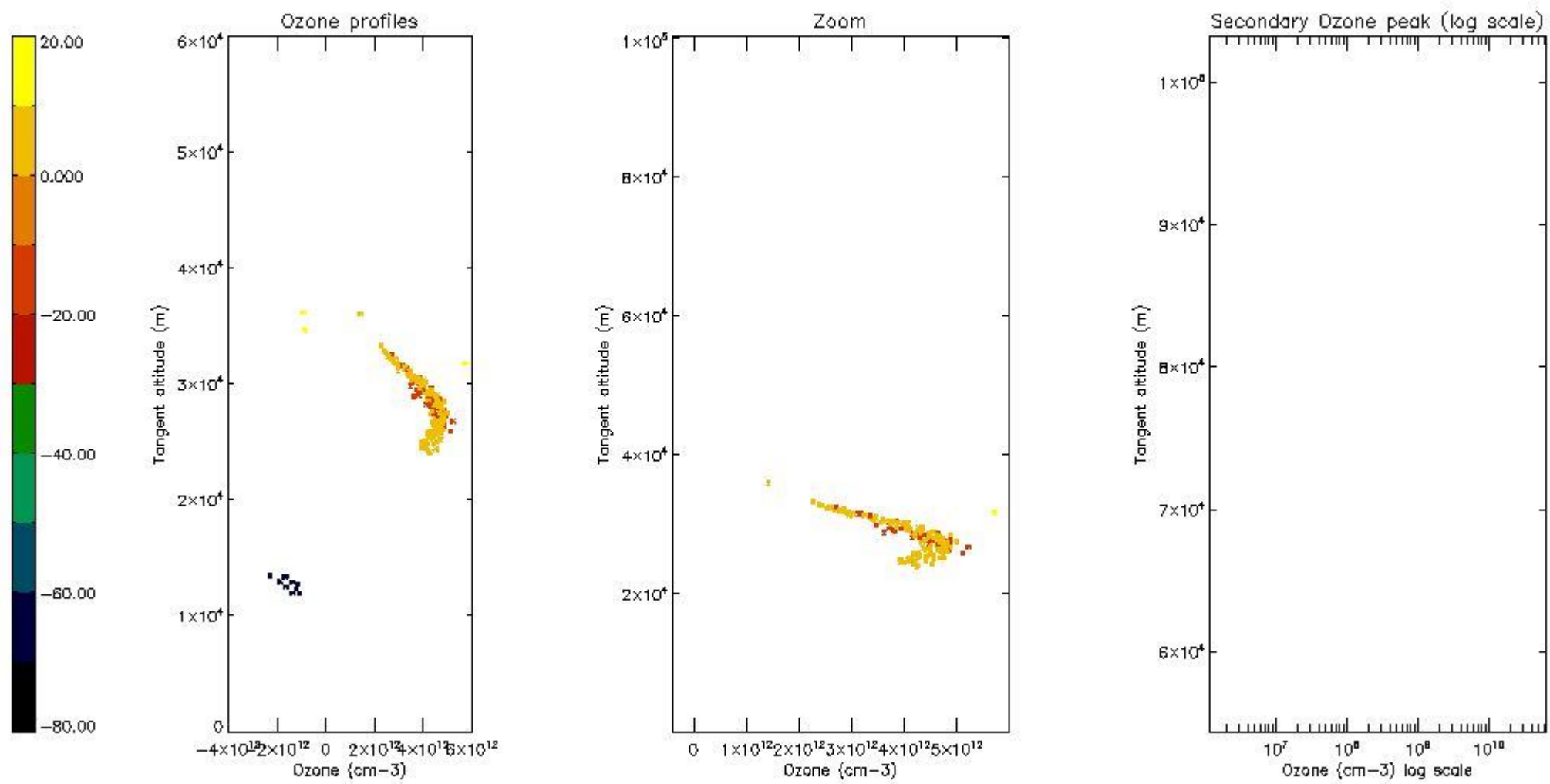
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



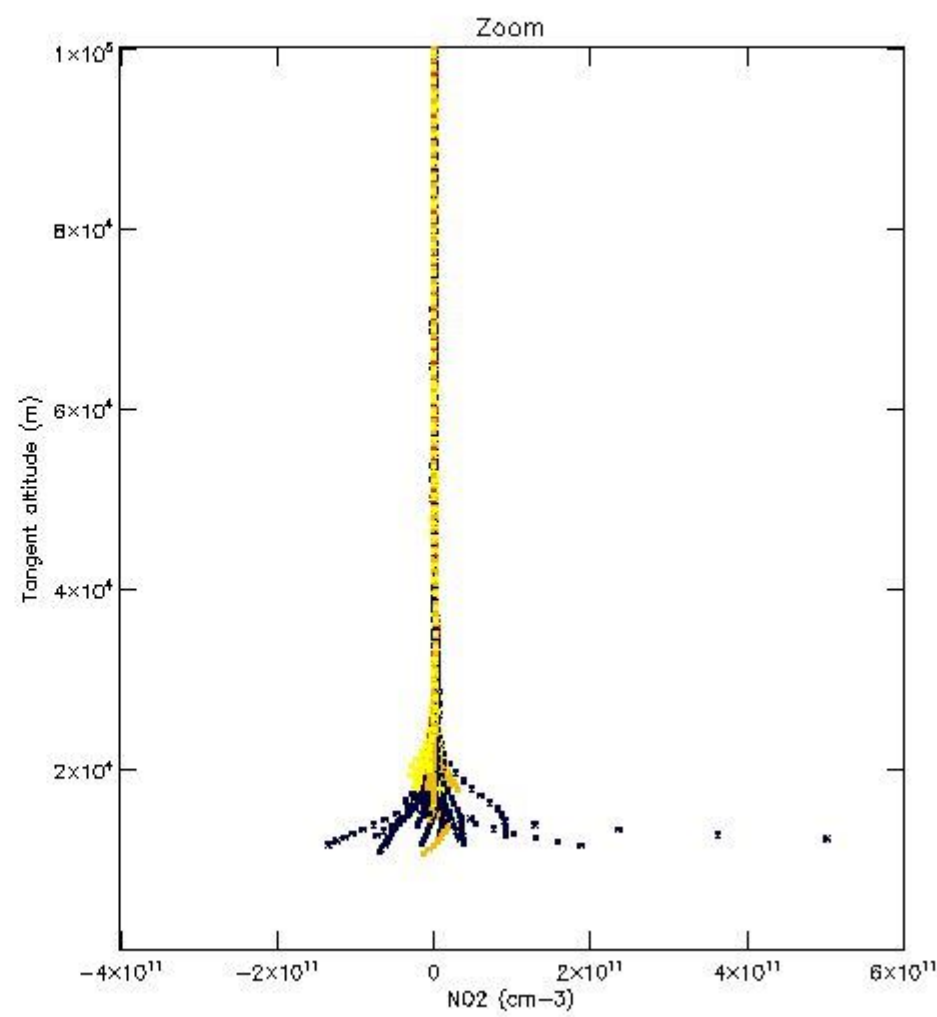
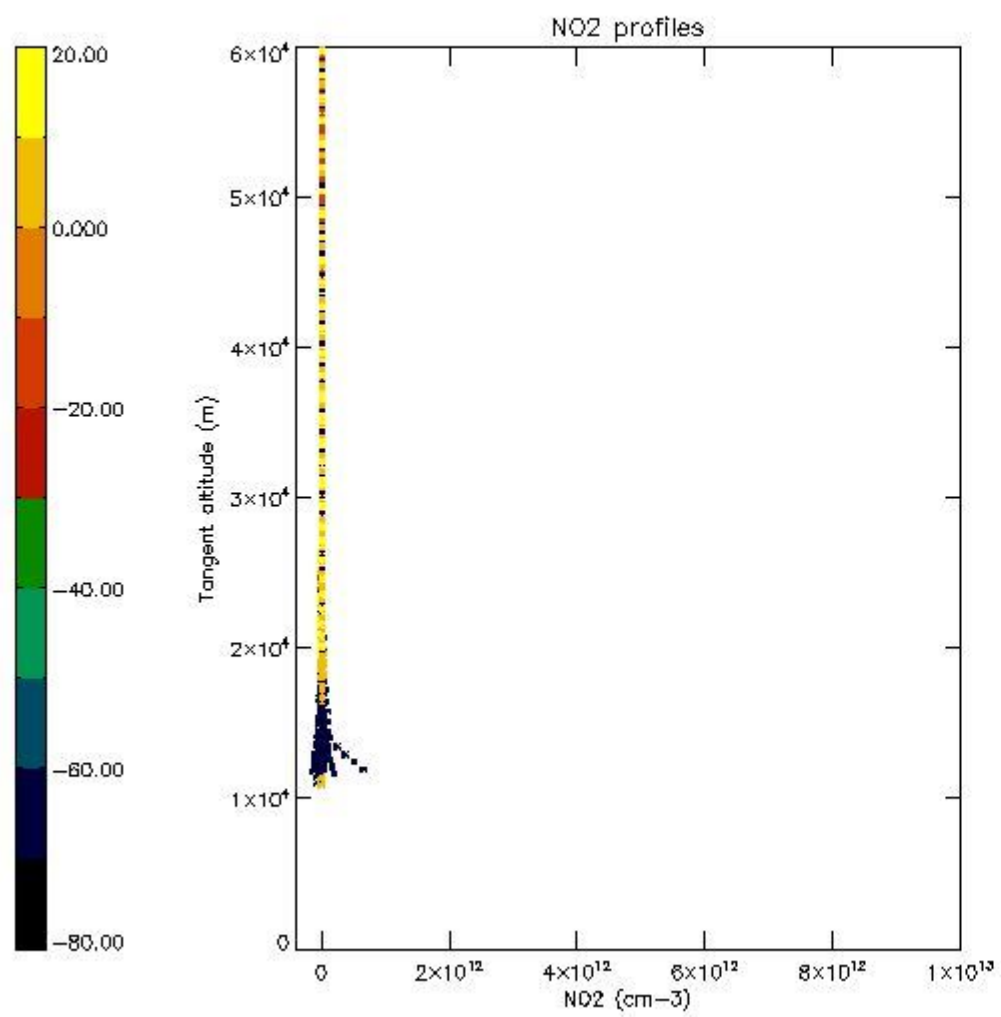
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



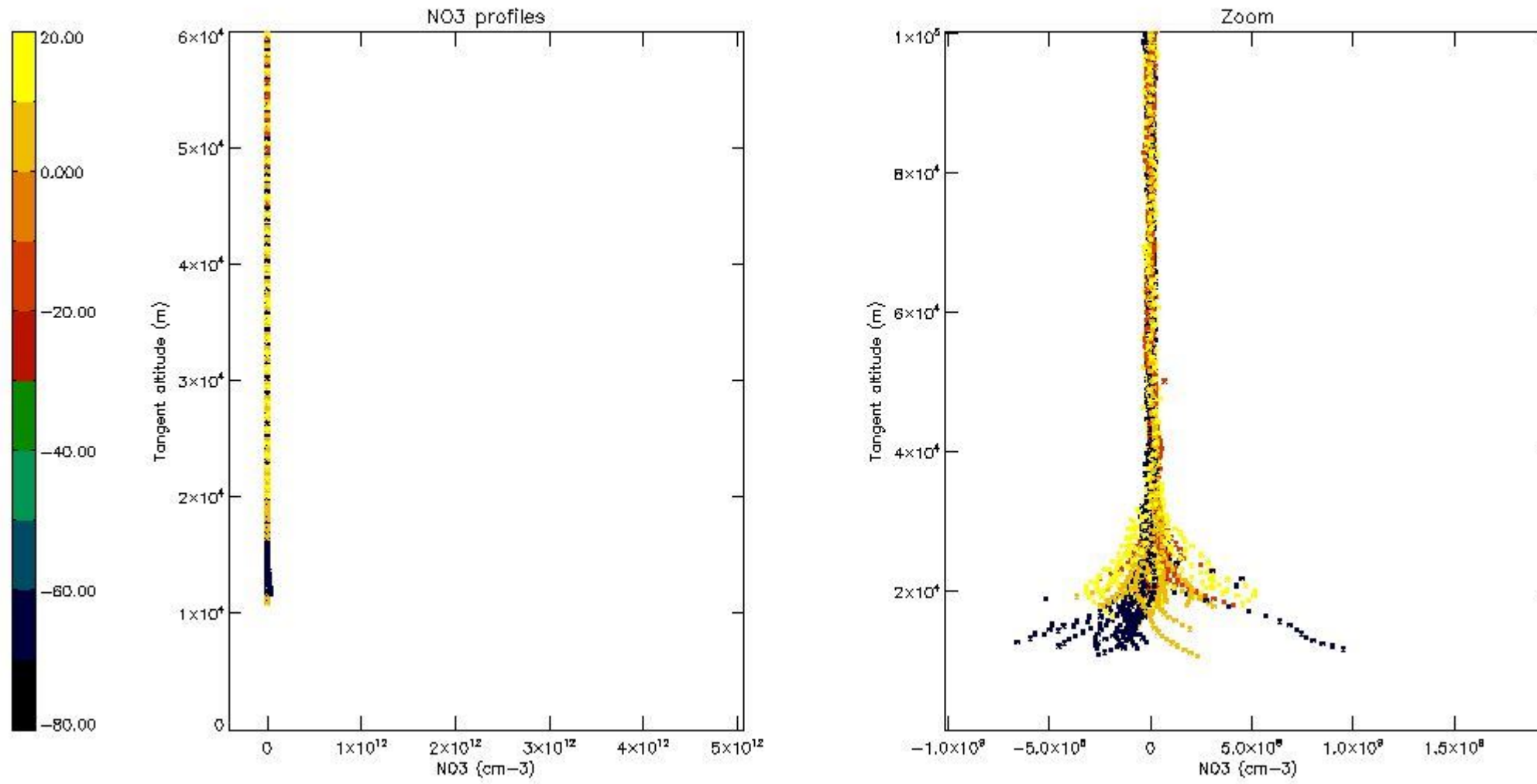
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

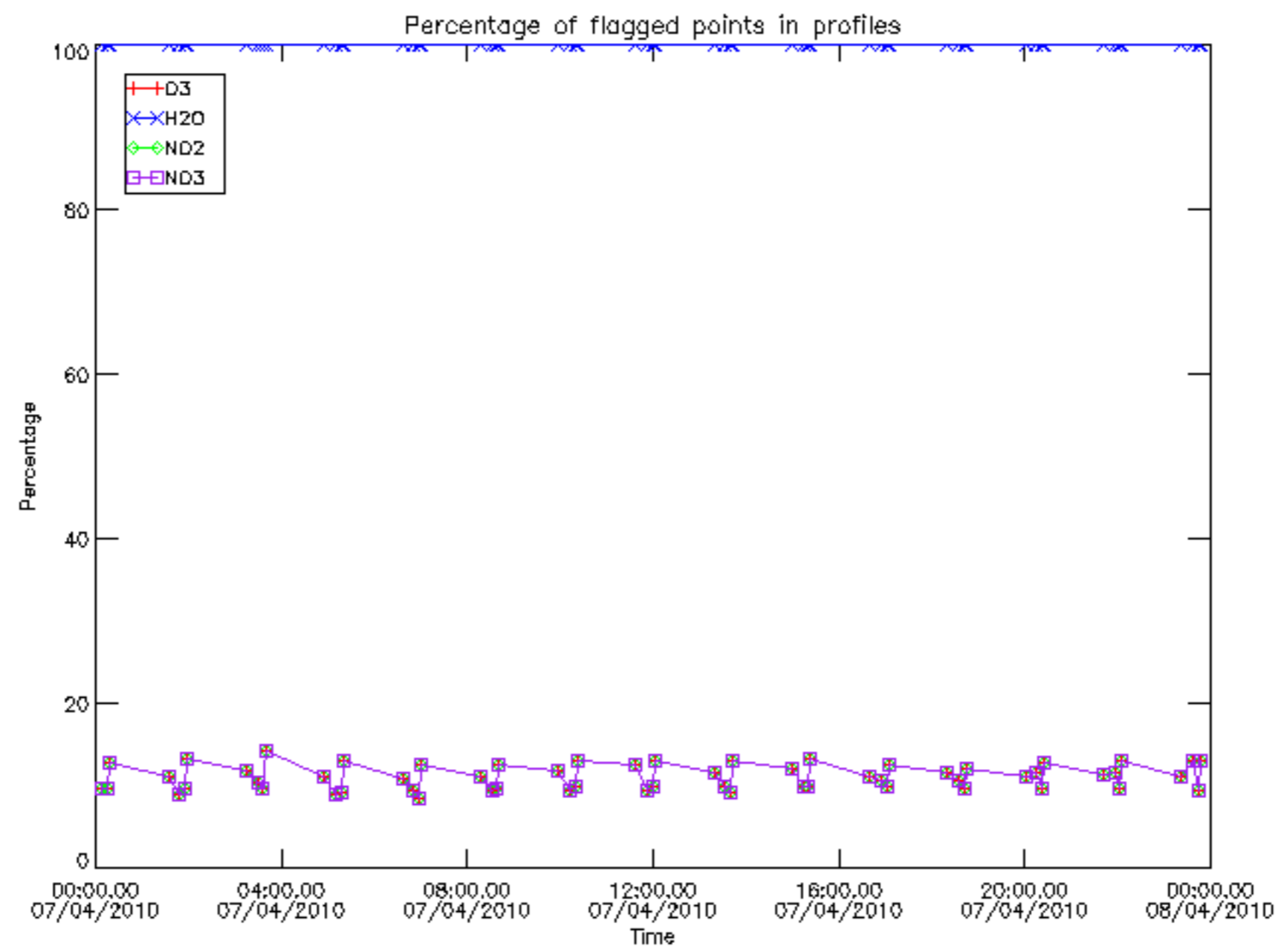
The colorbar represents the latitude.



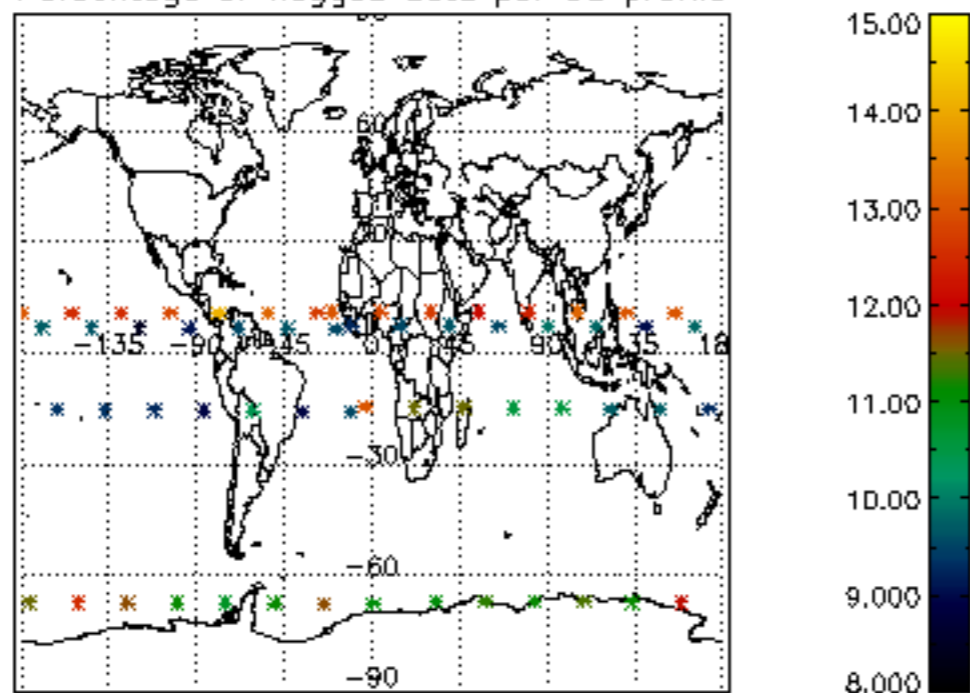
6. Auxiliary Data Files used for the production reported in section 2

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.

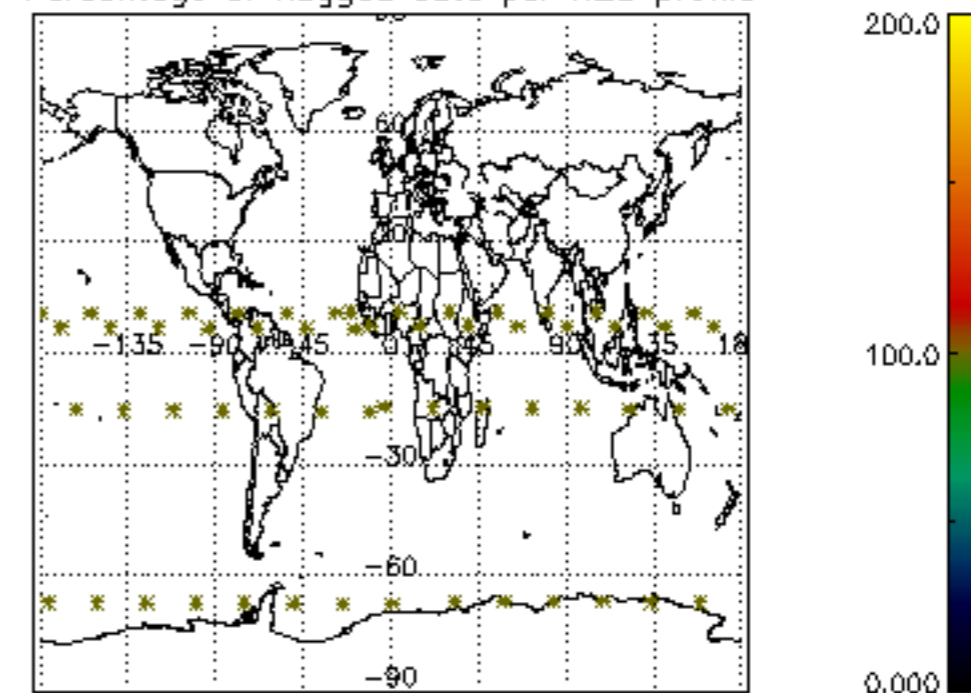
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-APR-2010 00:08:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-APR-2010 00:08:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-APR-2010 00:08:04



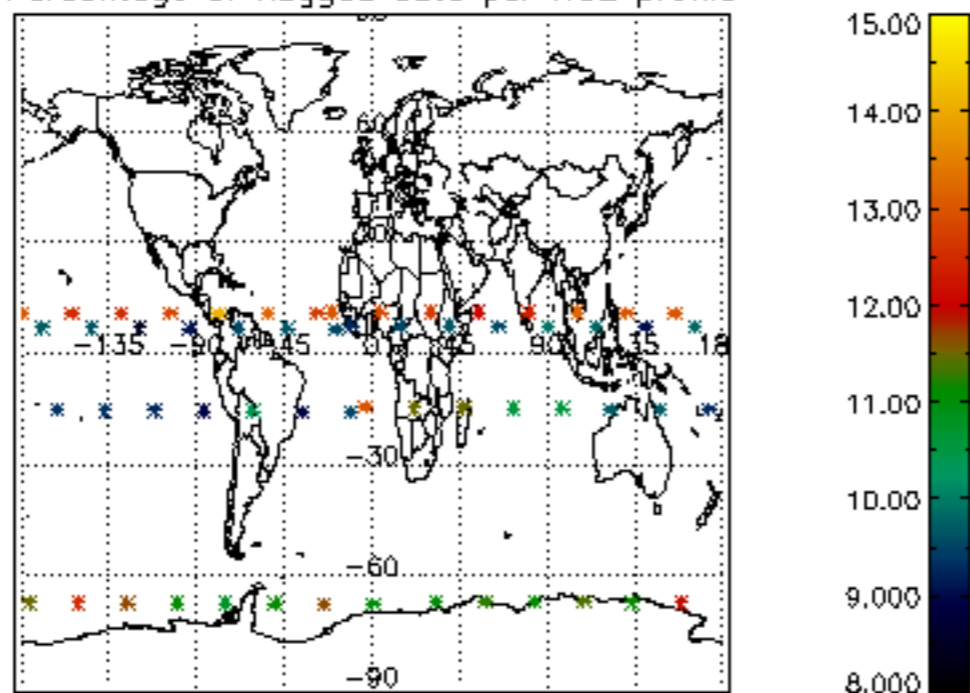
Percentage of flagged data per D3 profile



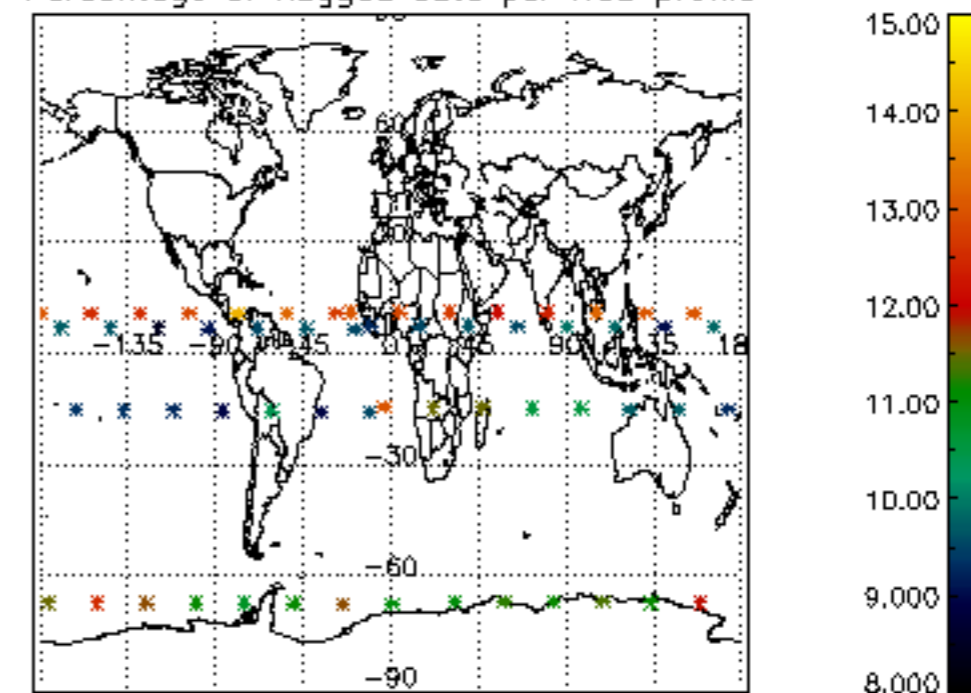
Percentage of flagged data per H2O profile

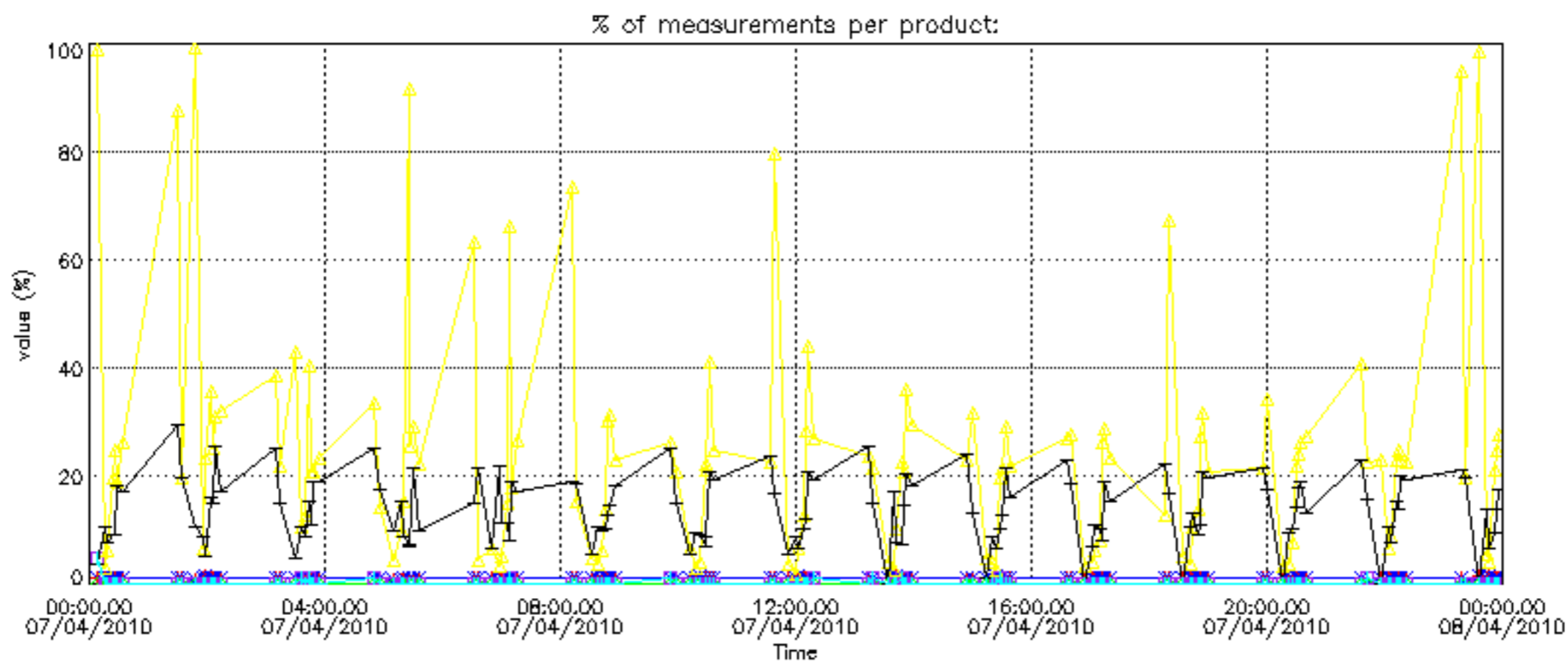


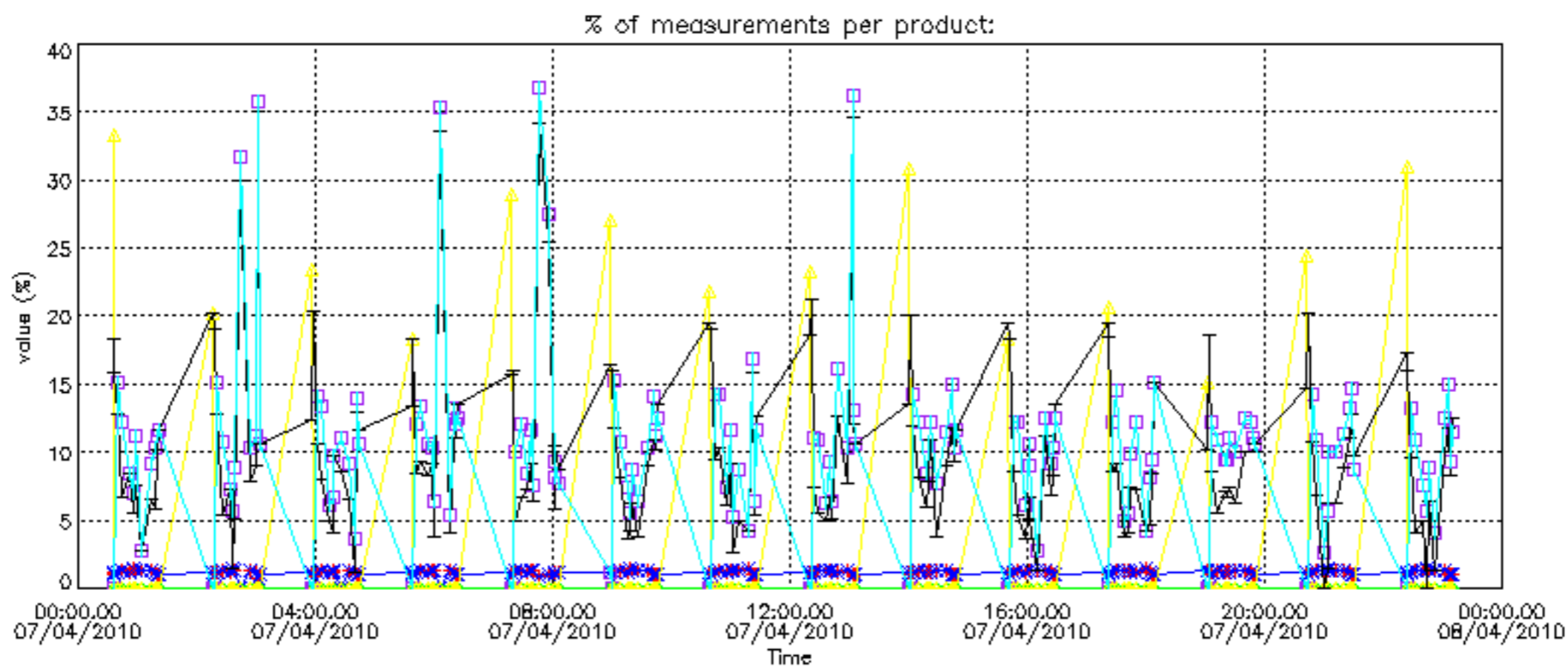
Percentage of flagged data per NO2 profile



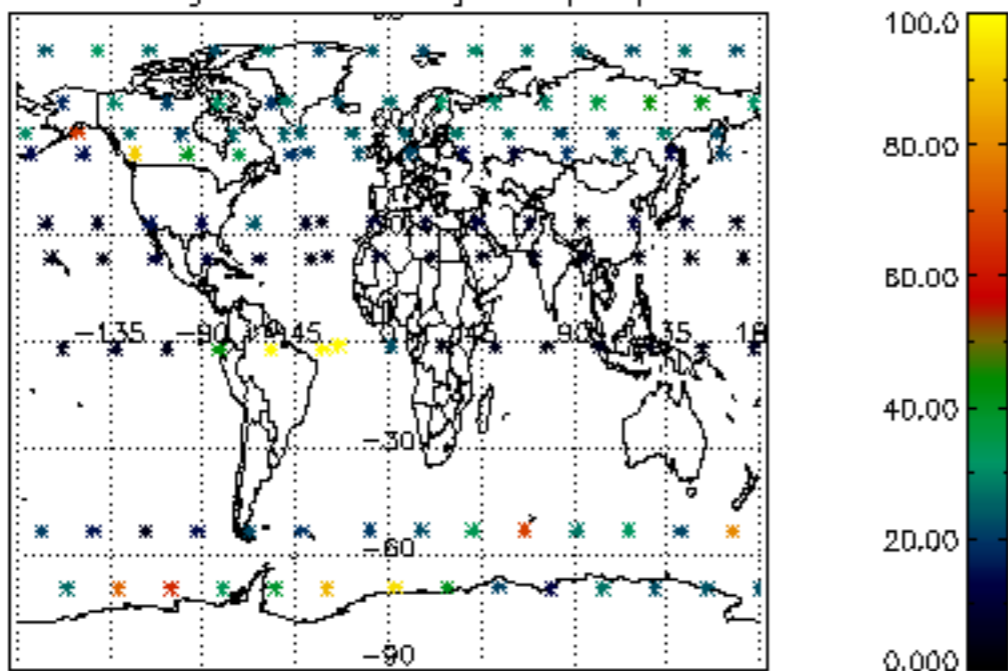
Percentage of flagged data per NO3 profile



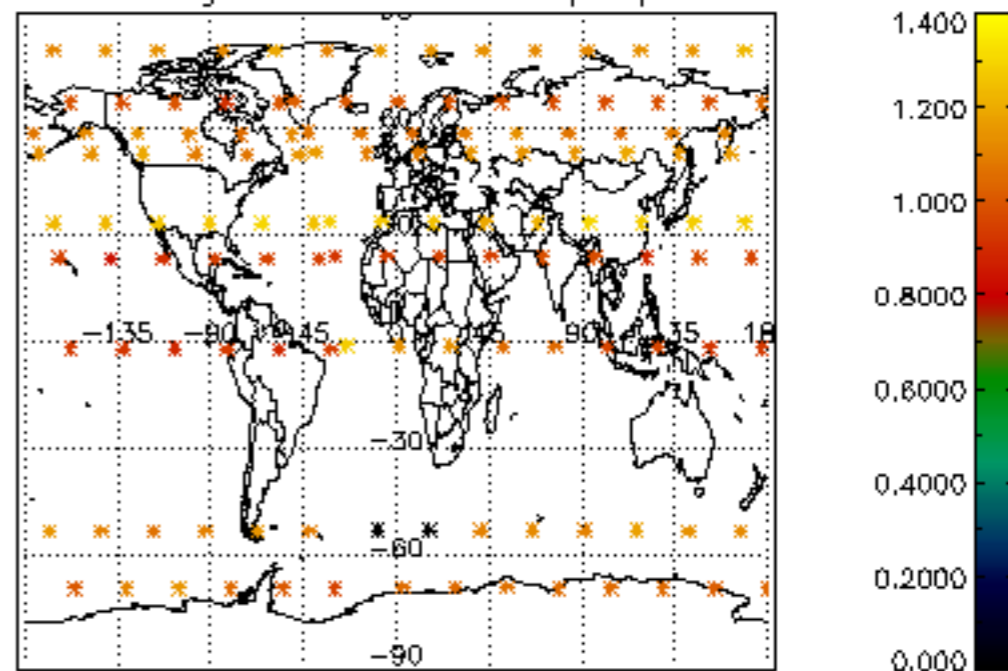




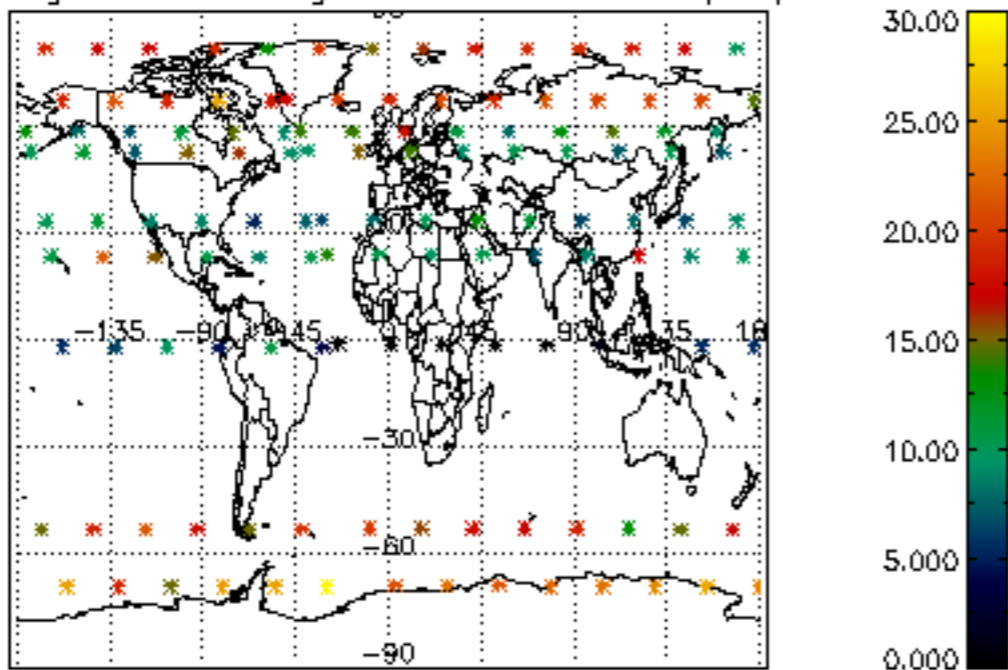
Percentage of cosmic ray hits per profile



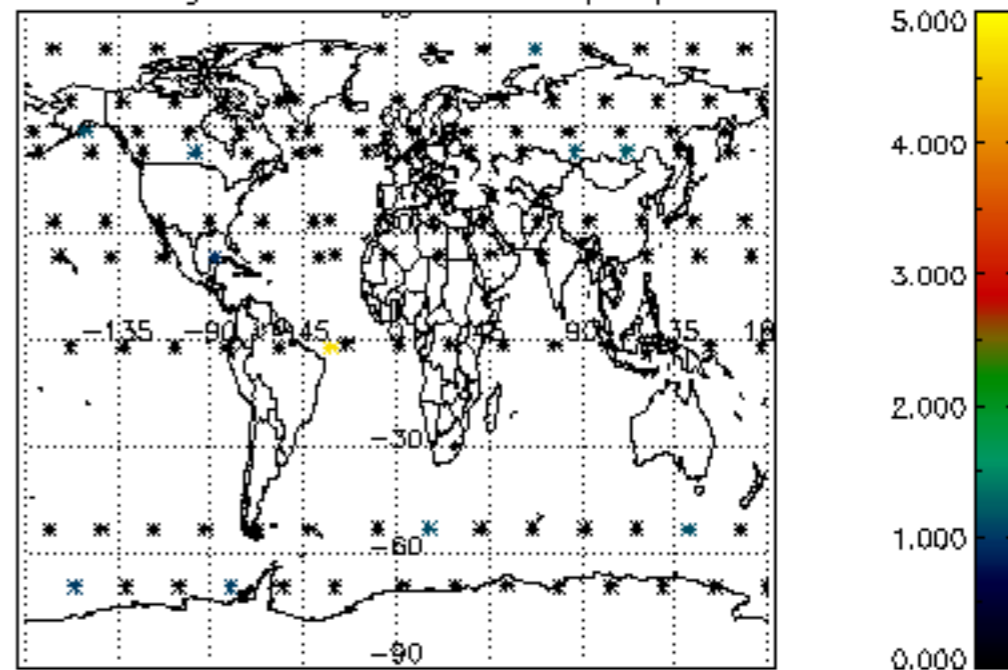
Percentage of datation errors per profile



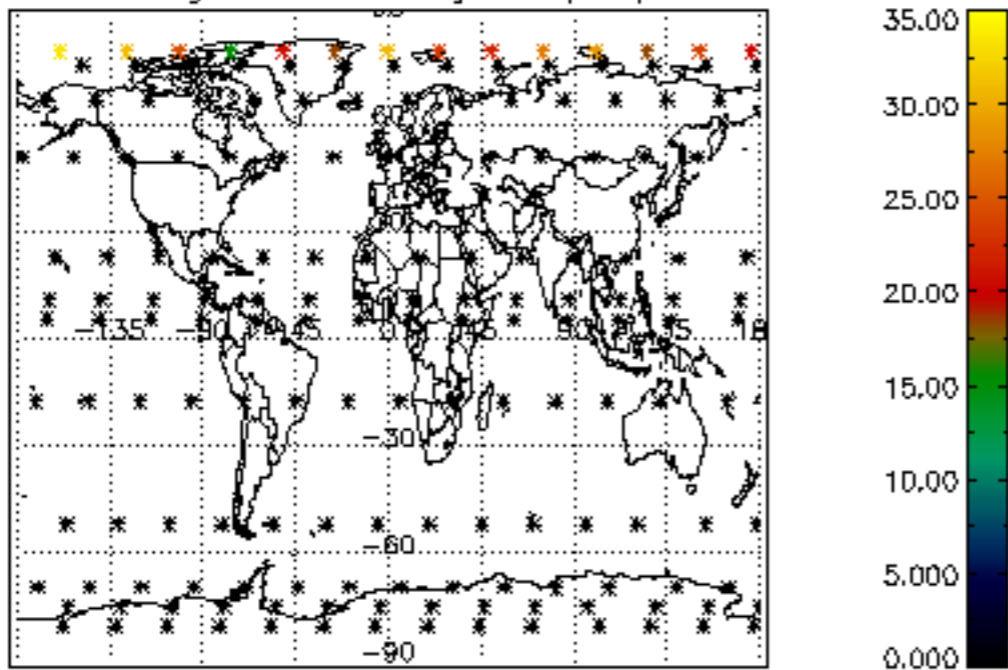
Percentage of star falling outside central band per profile



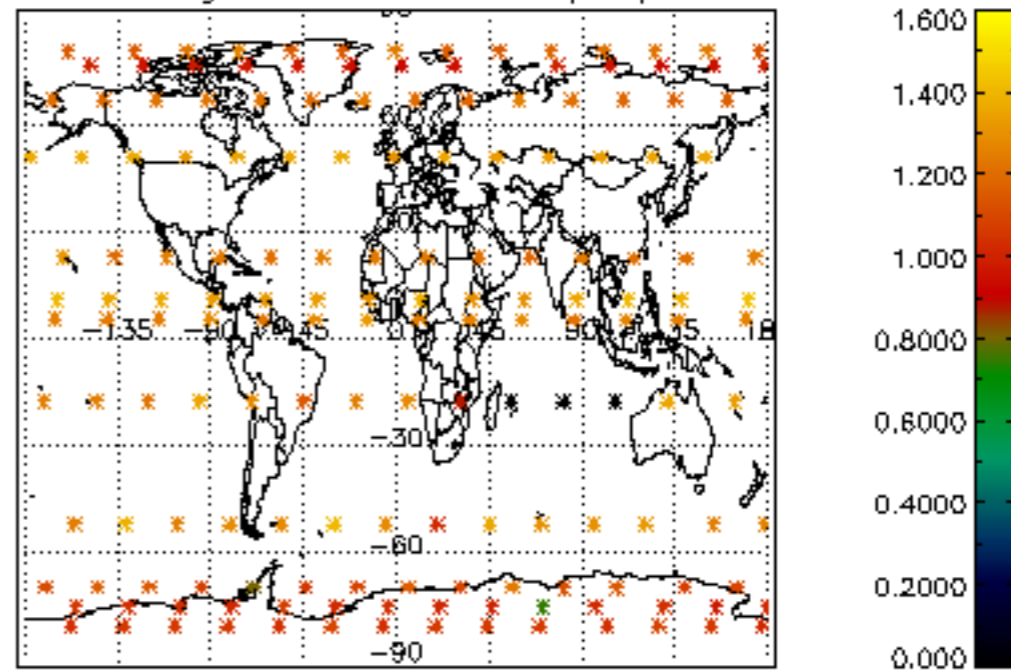
Percentage of saturation errors per profile



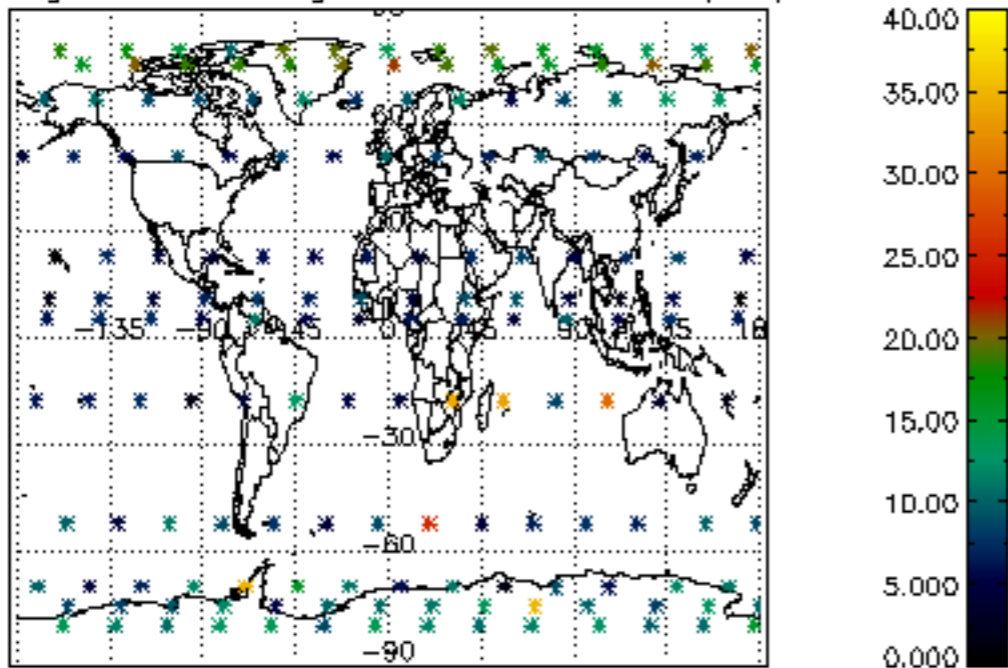
Percentage of cosmic ray hits per profile



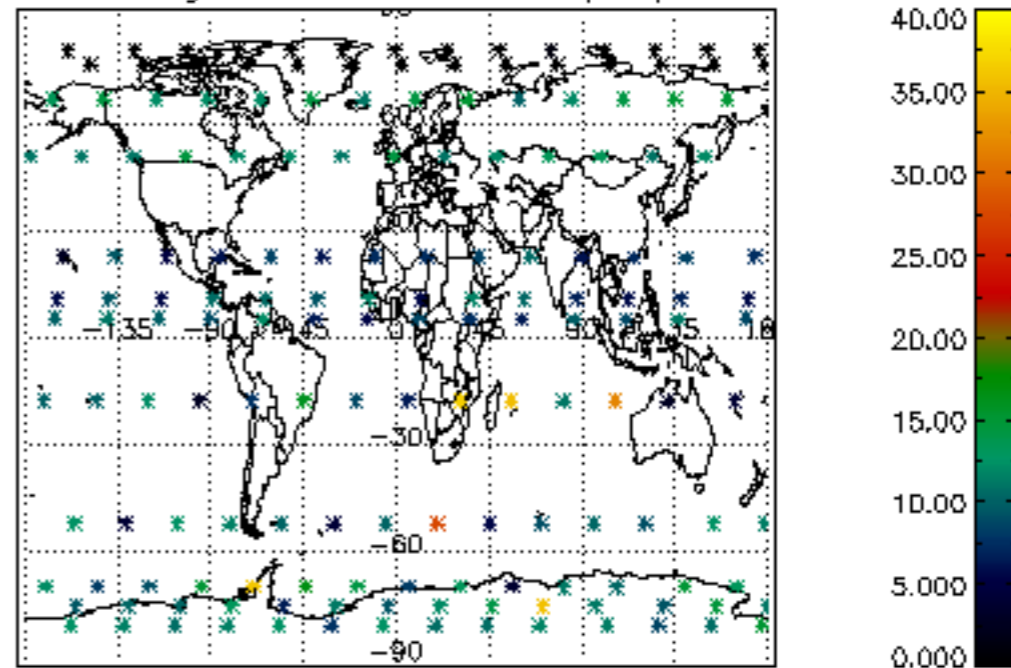
Percentage of datation errors per profile

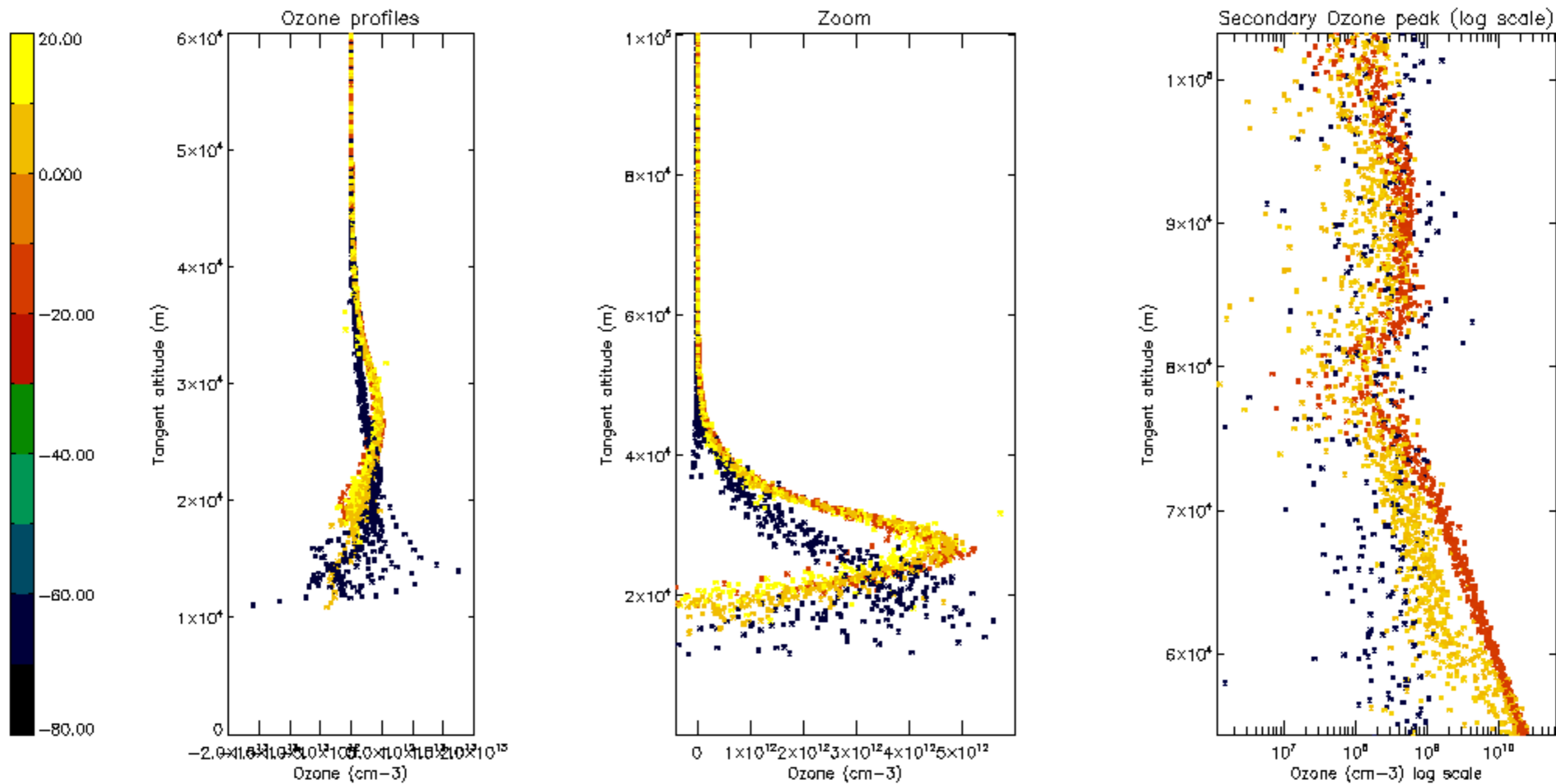


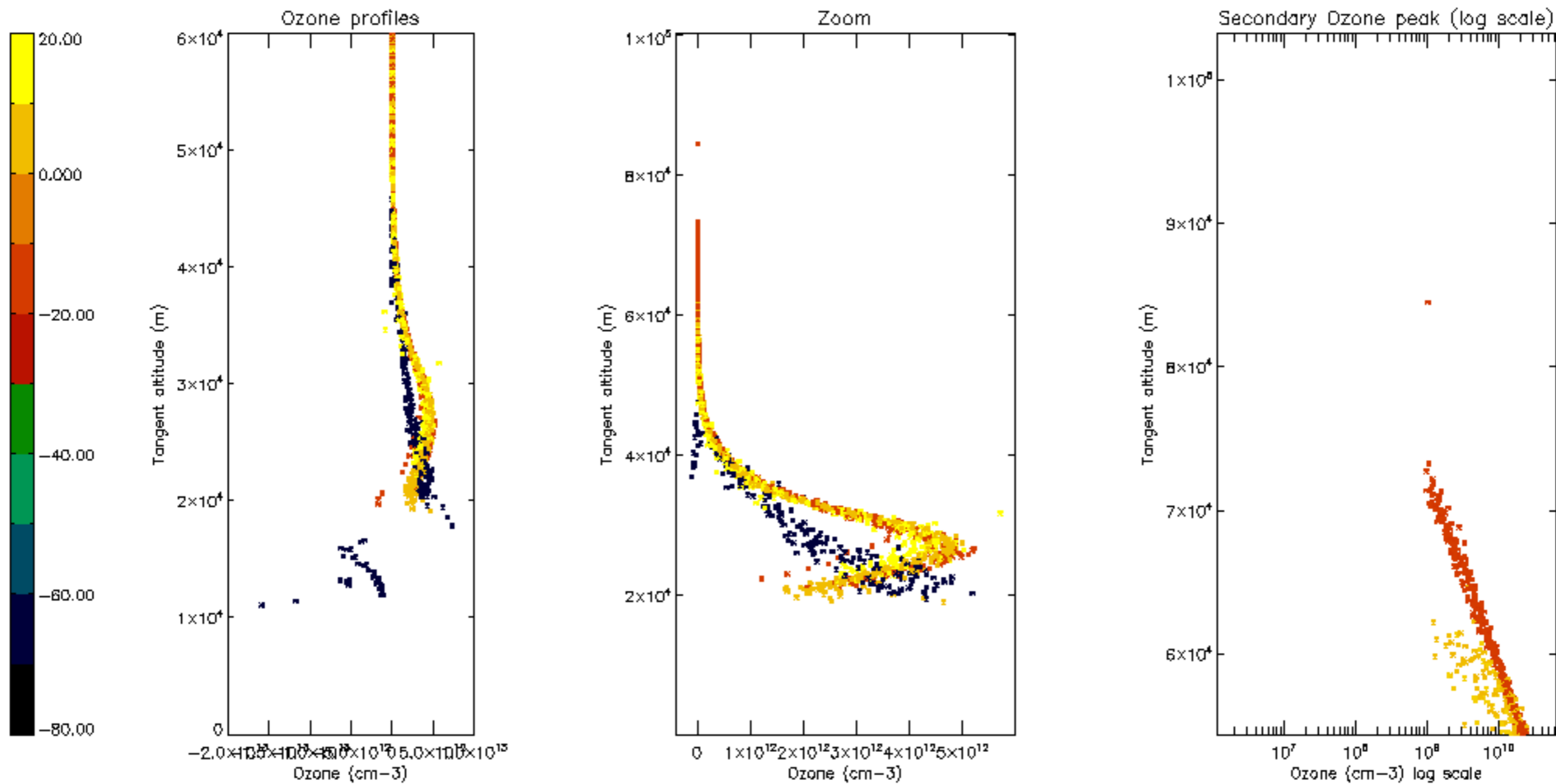
Percentage of star falling outside central band per profile

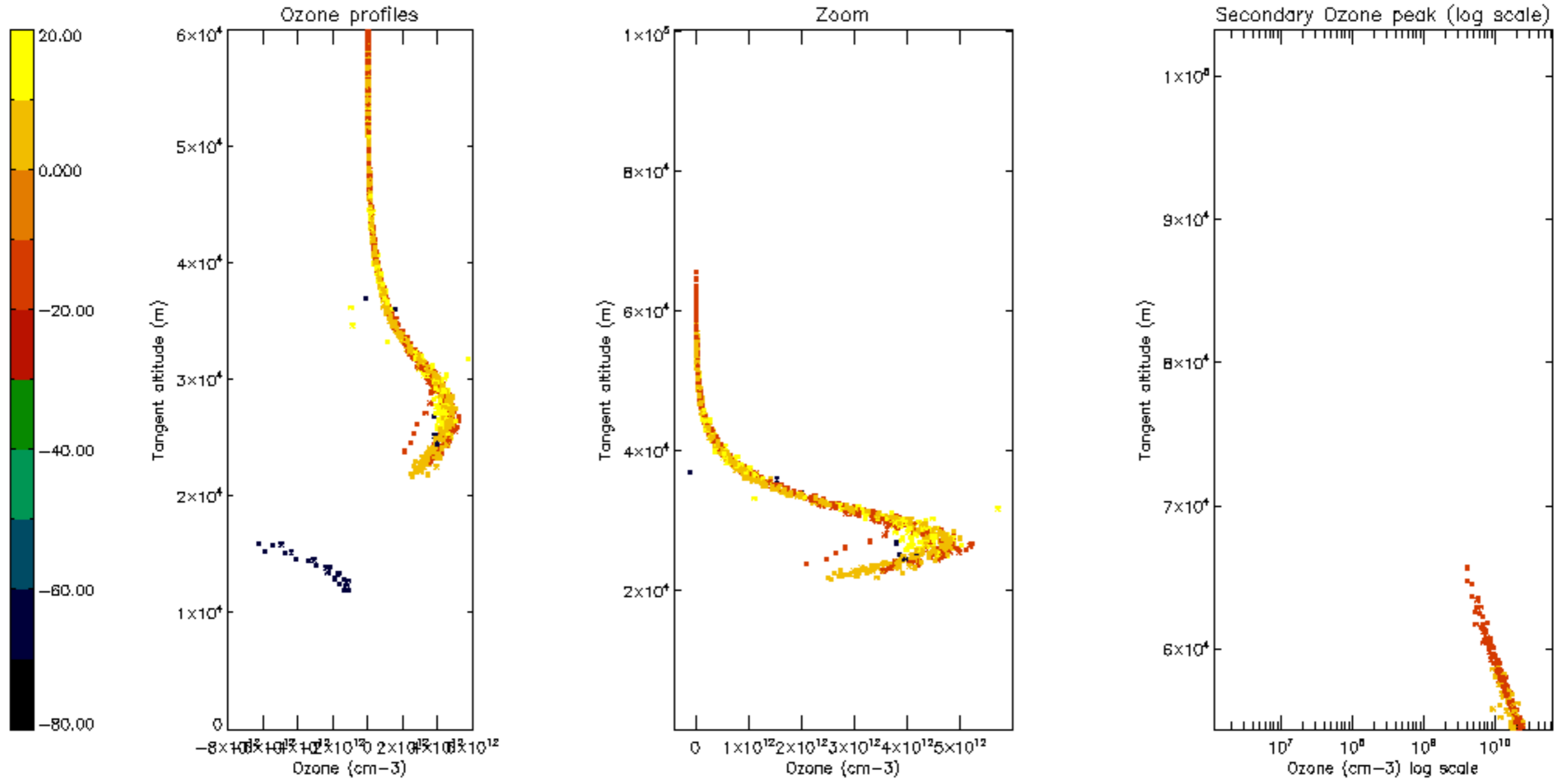


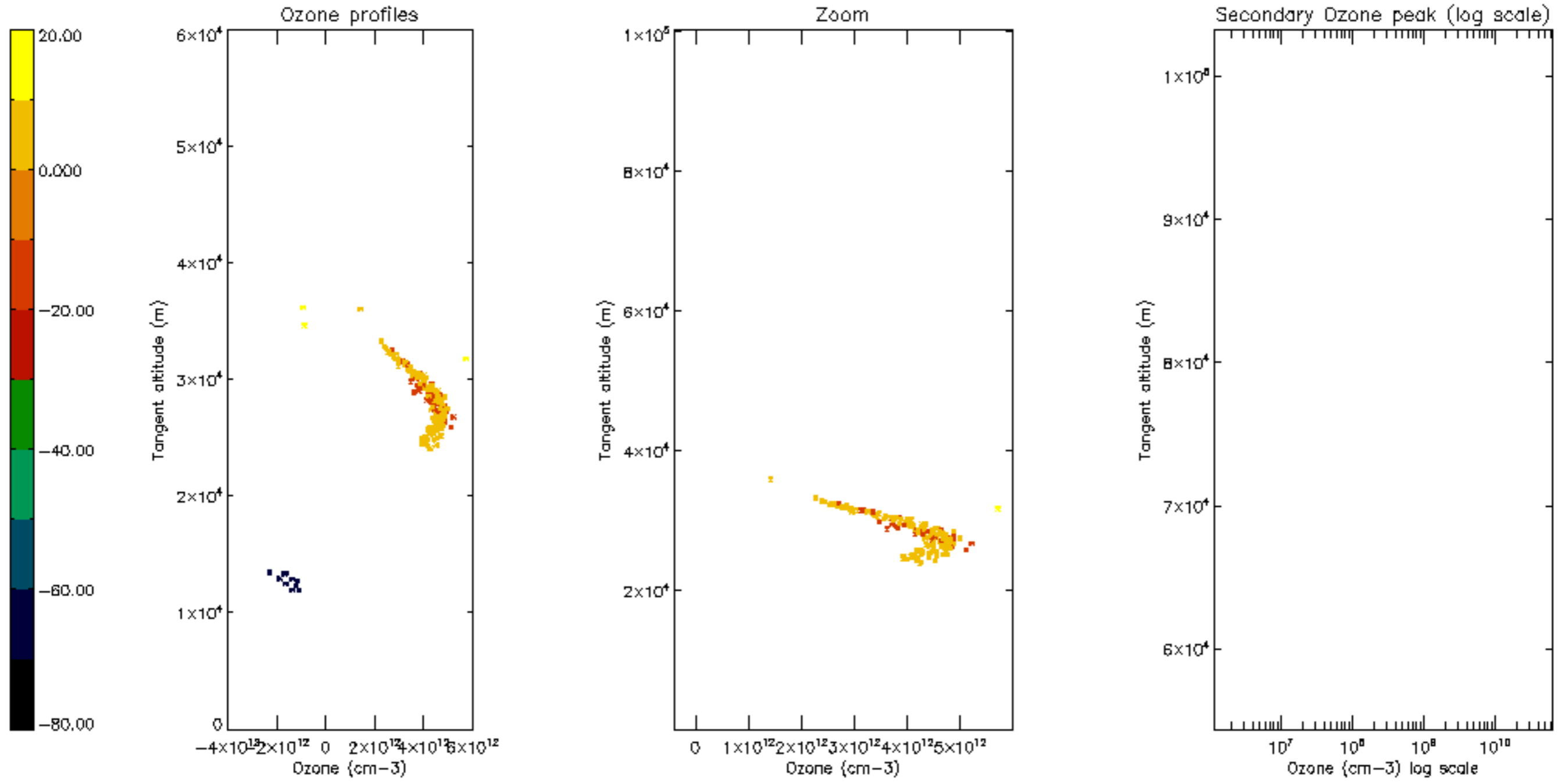
Percentage of saturation errors per profile

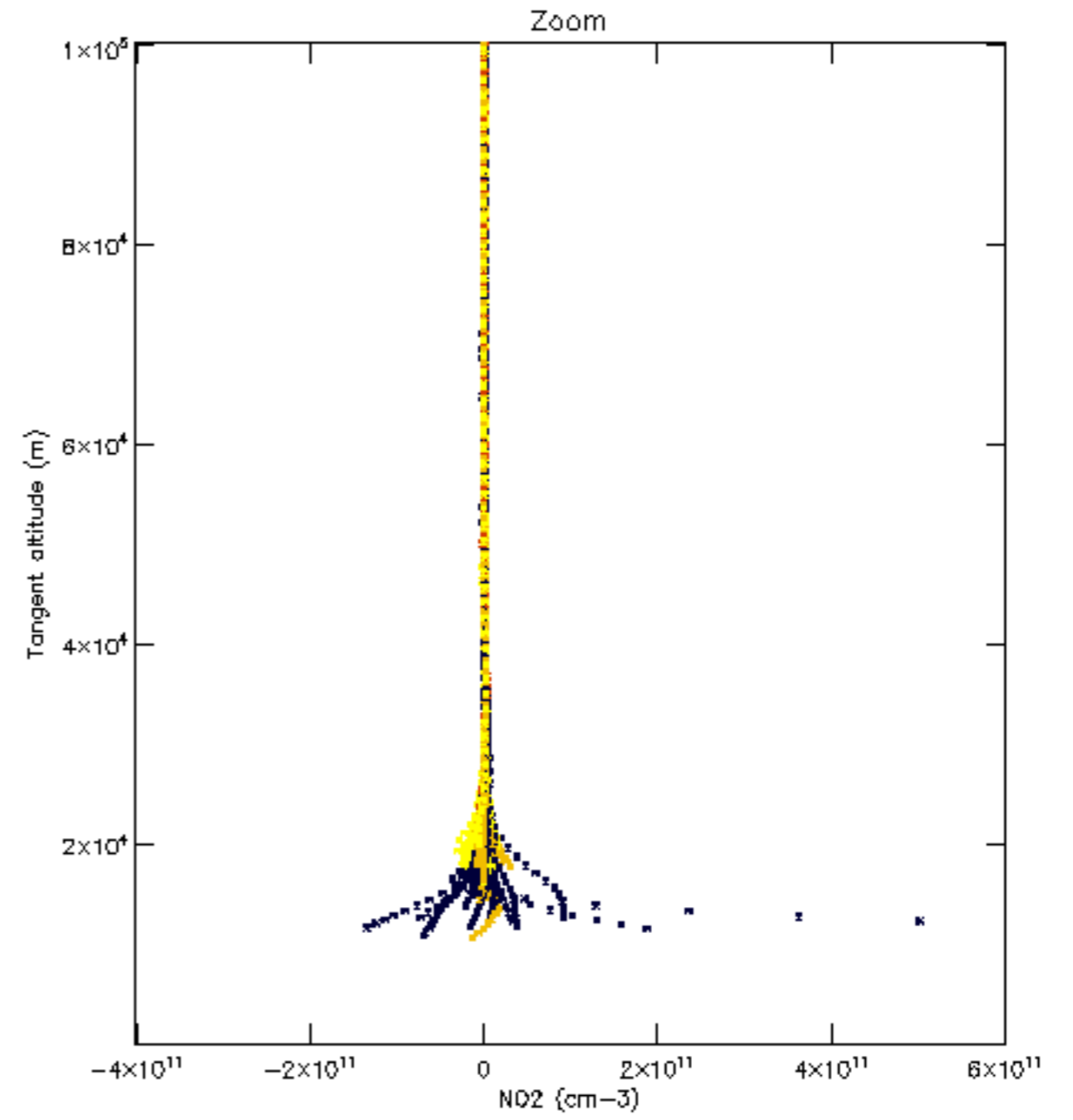
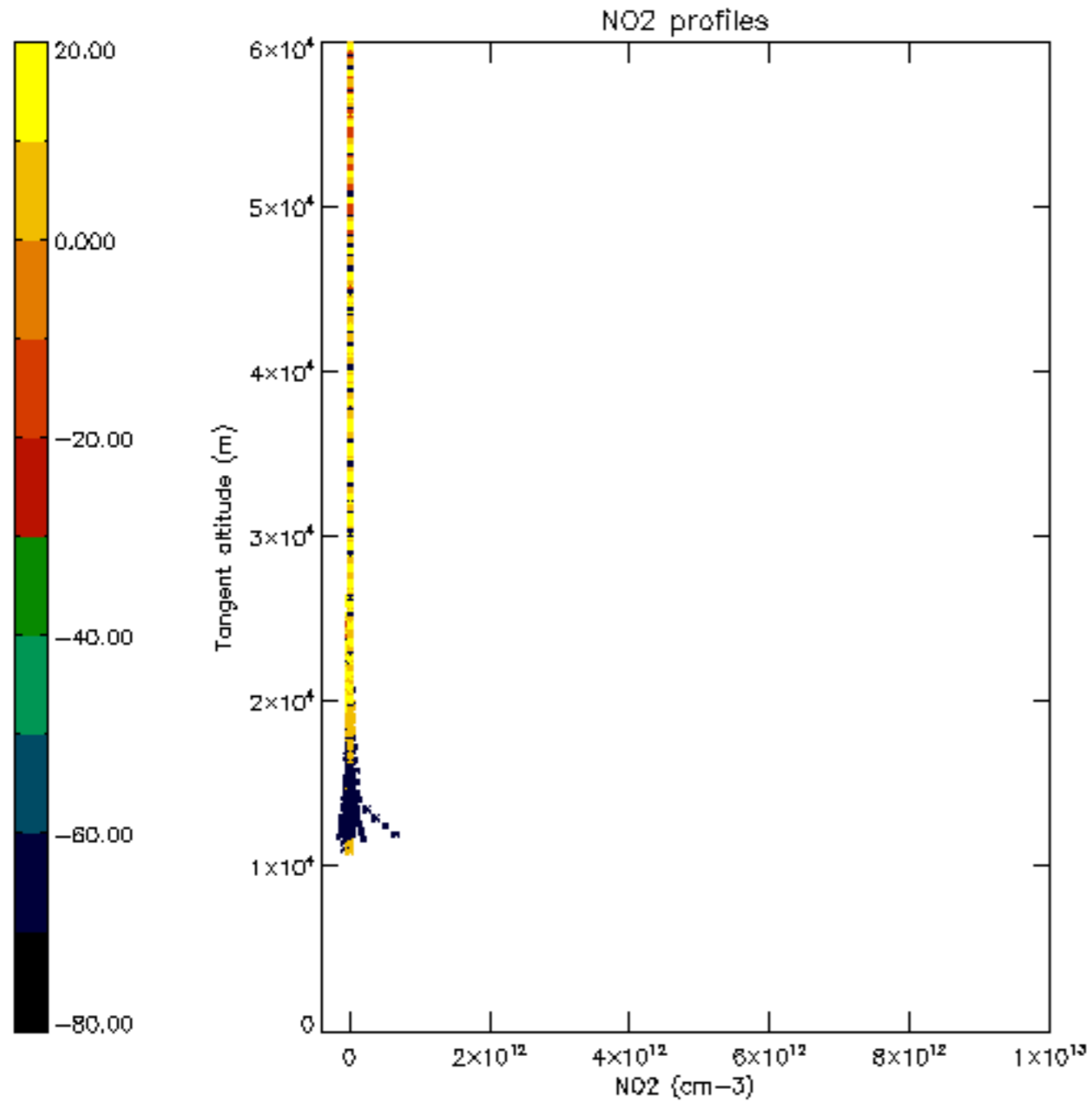


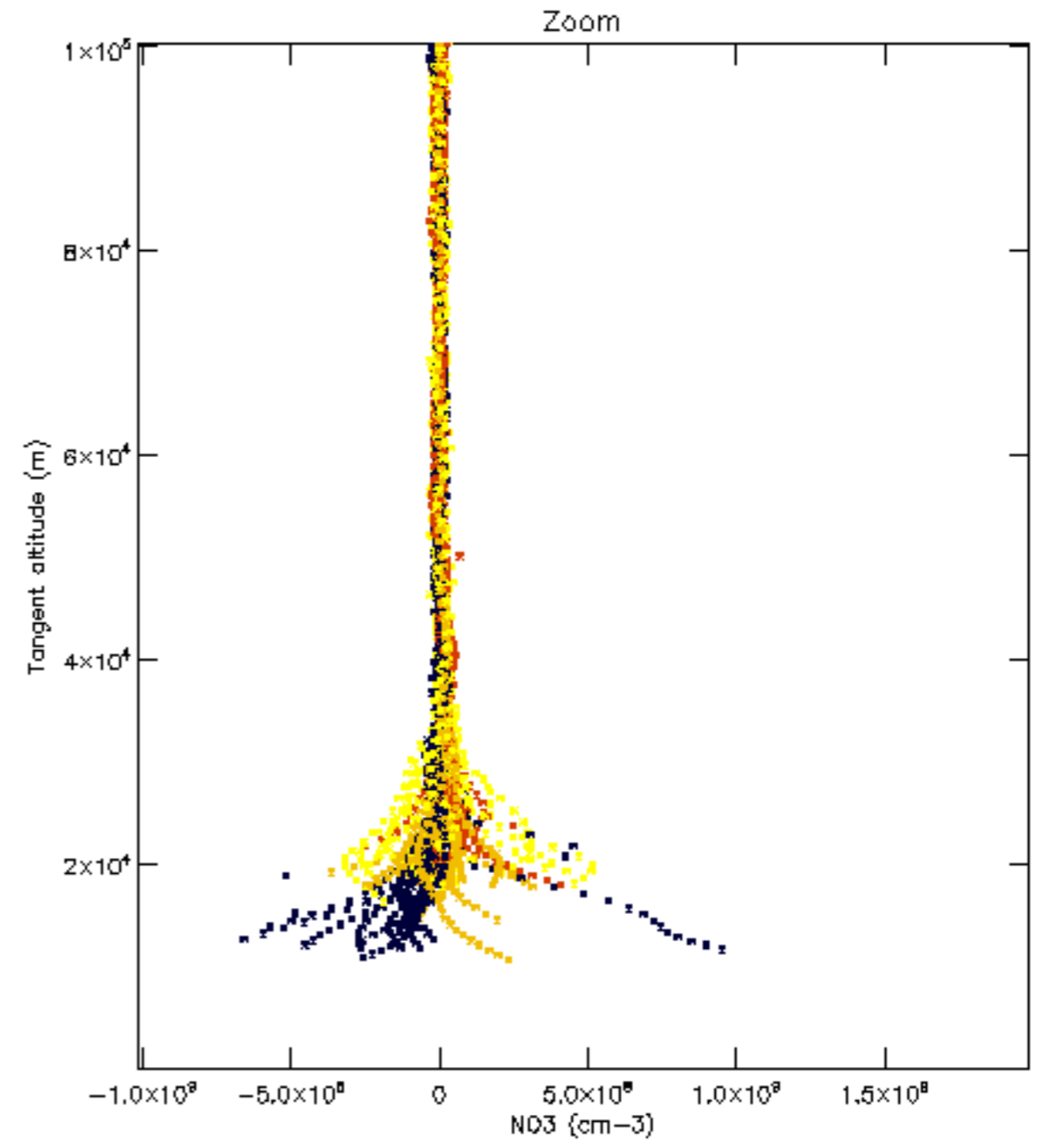
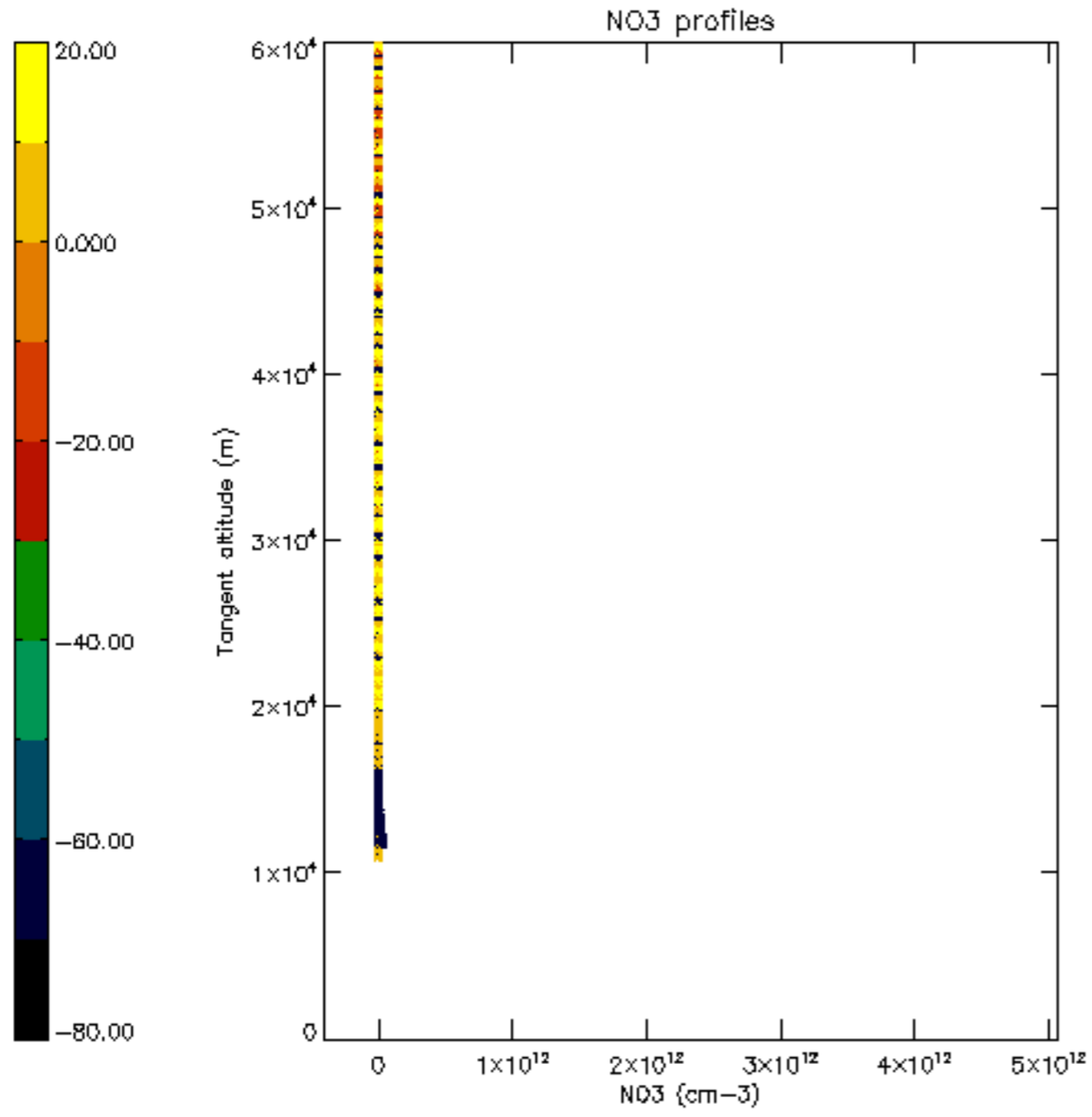


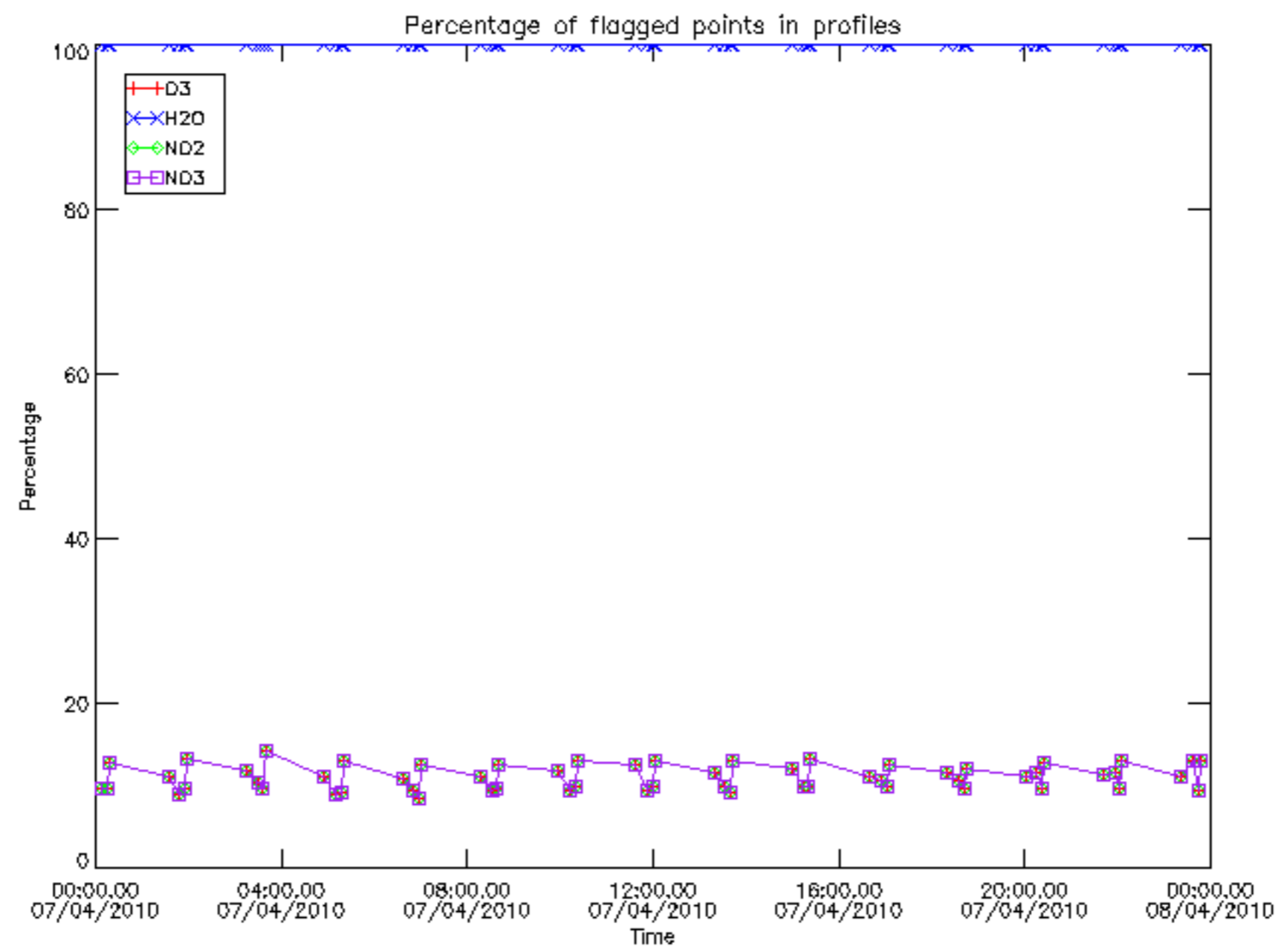




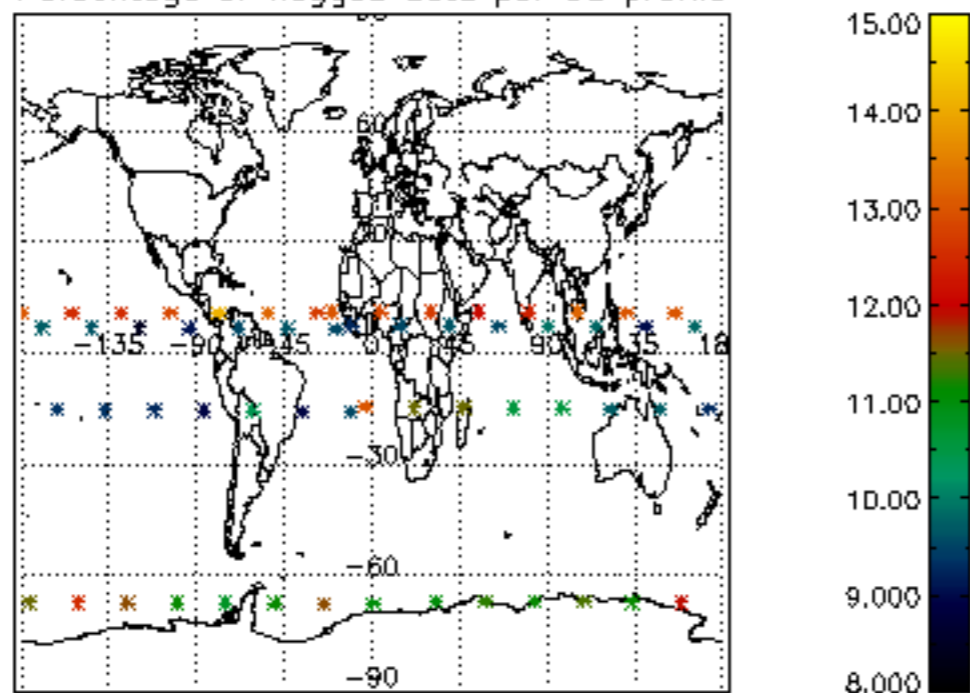




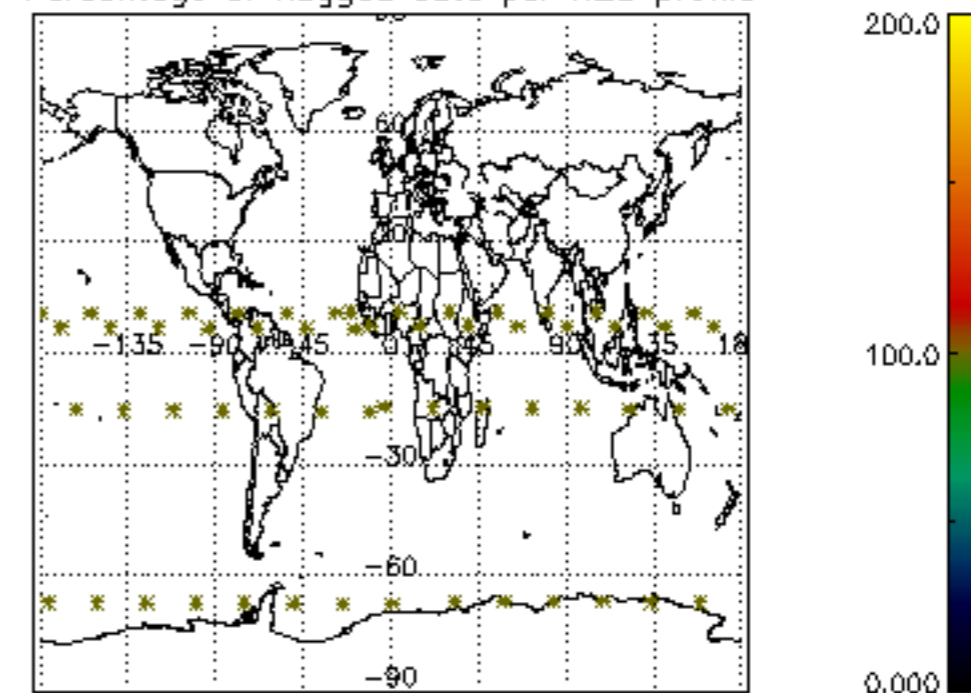




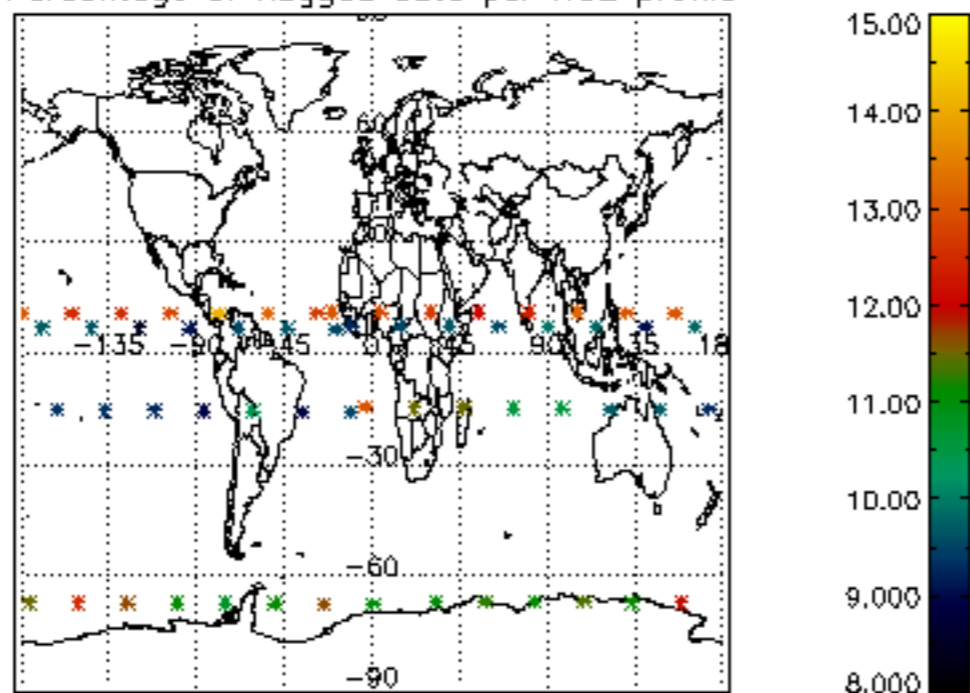
Percentage of flagged data per D3 profile



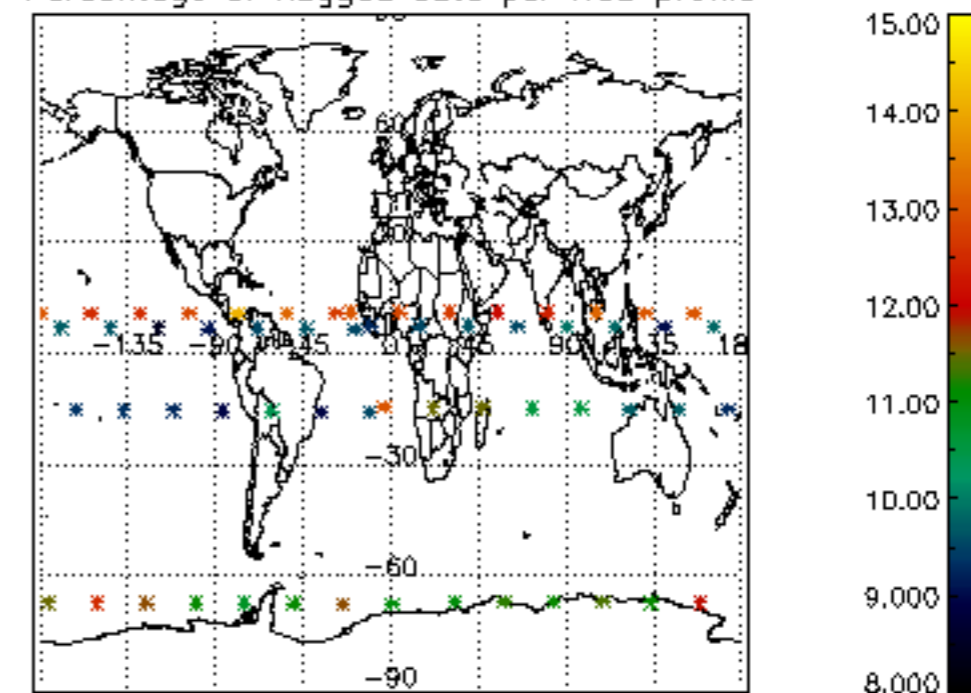
Percentage of flagged data per H2O profile

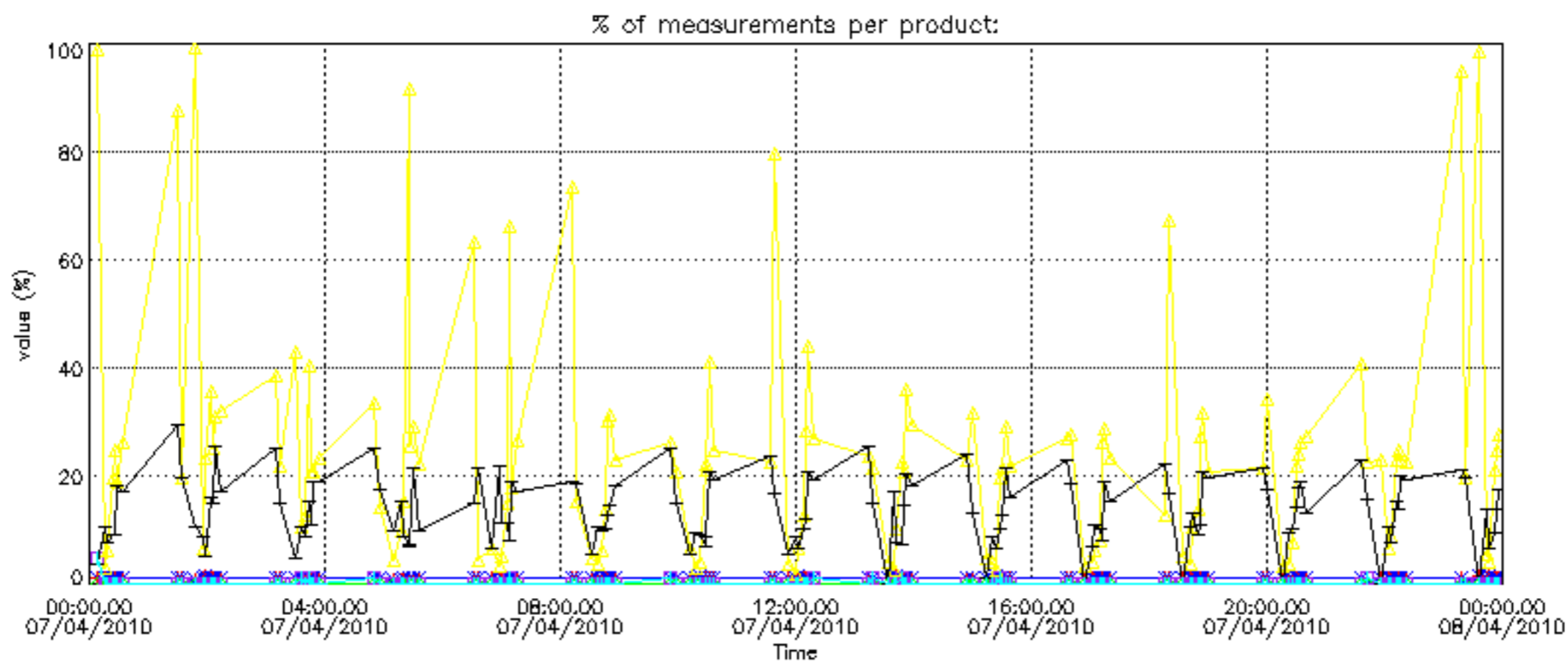


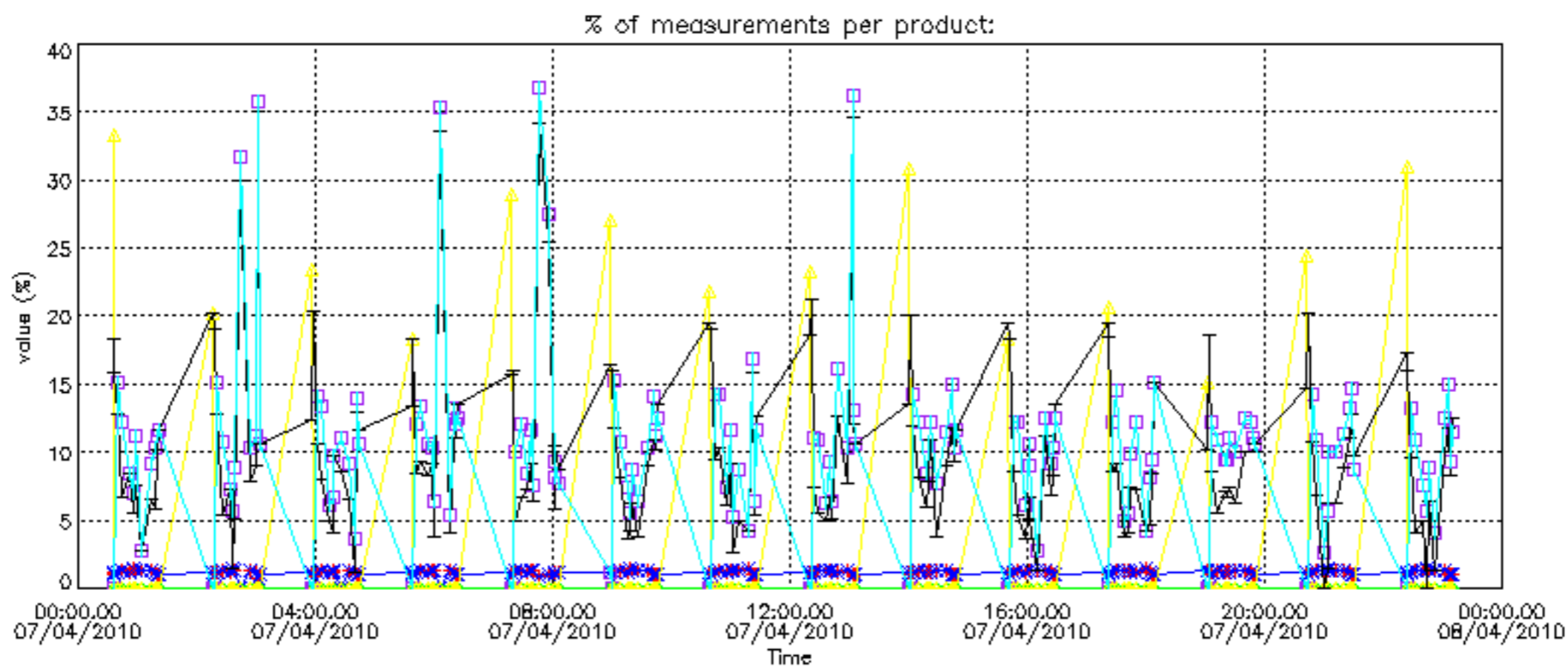
Percentage of flagged data per NO2 profile



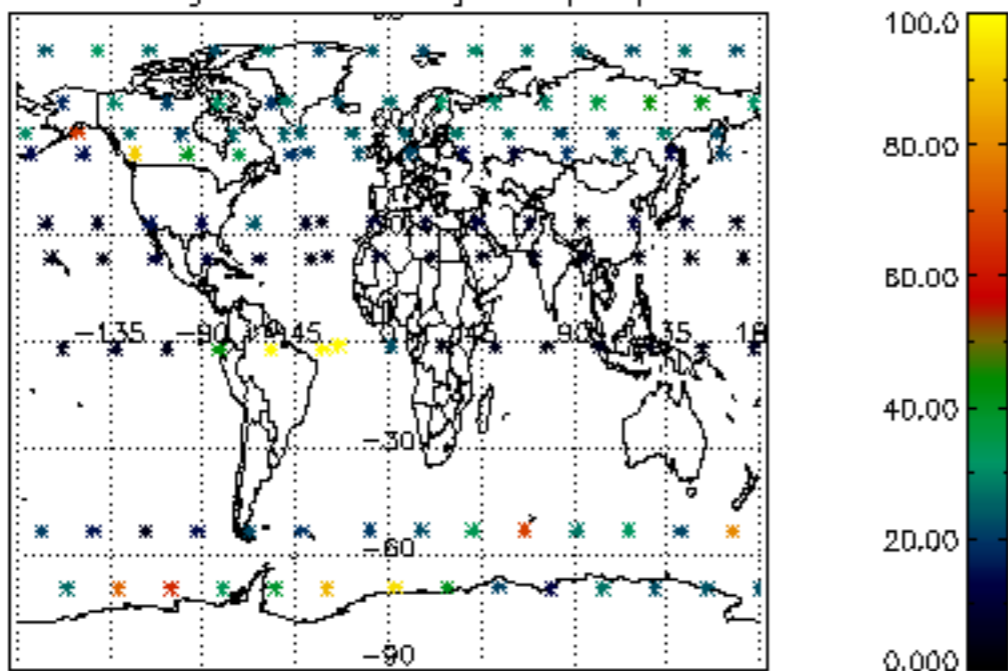
Percentage of flagged data per NO3 profile



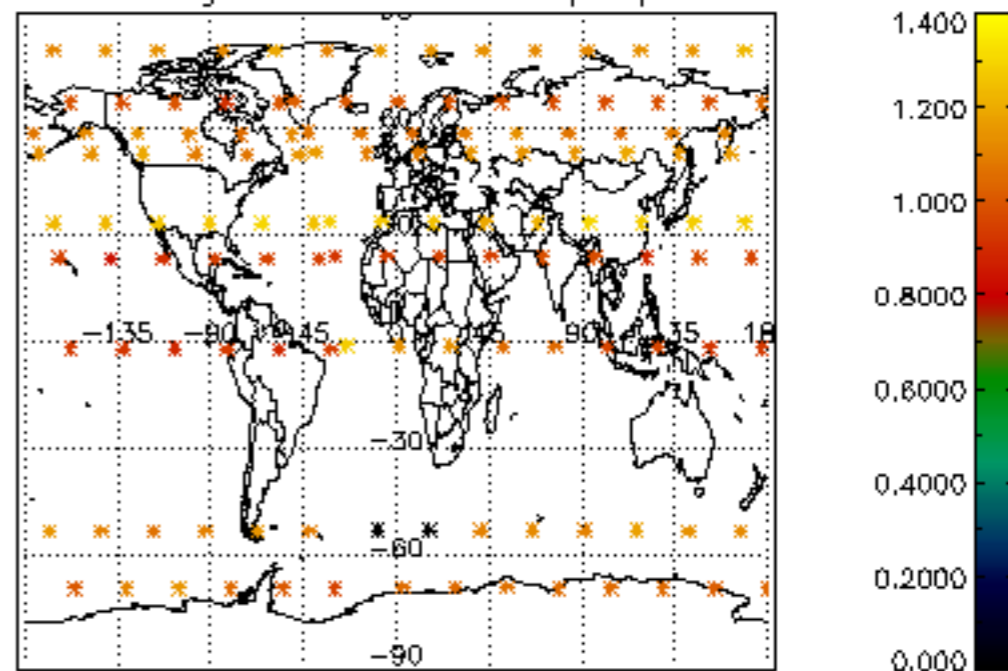




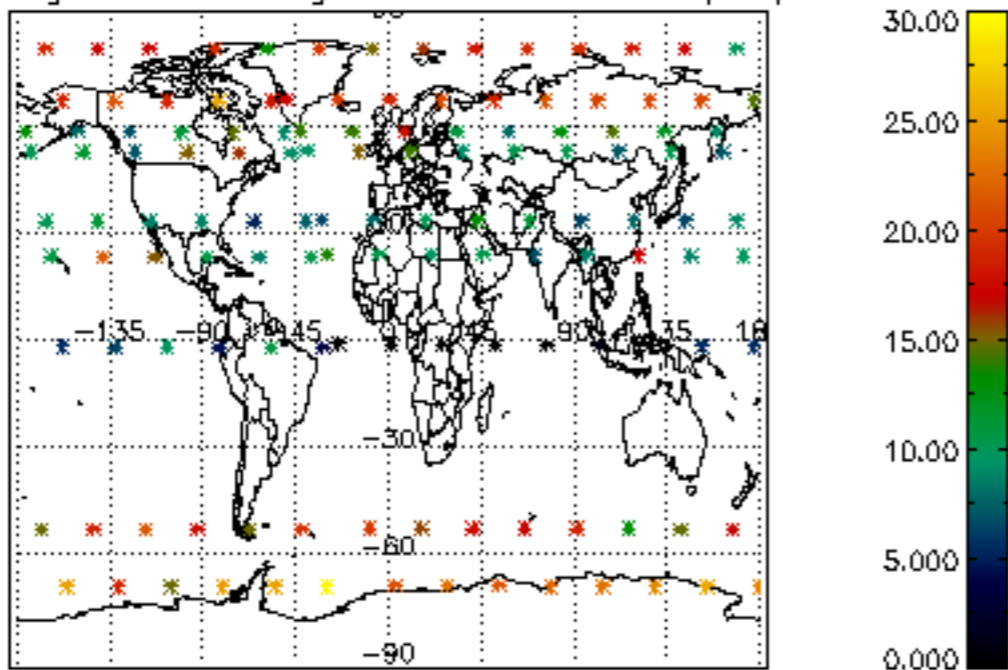
Percentage of cosmic ray hits per profile



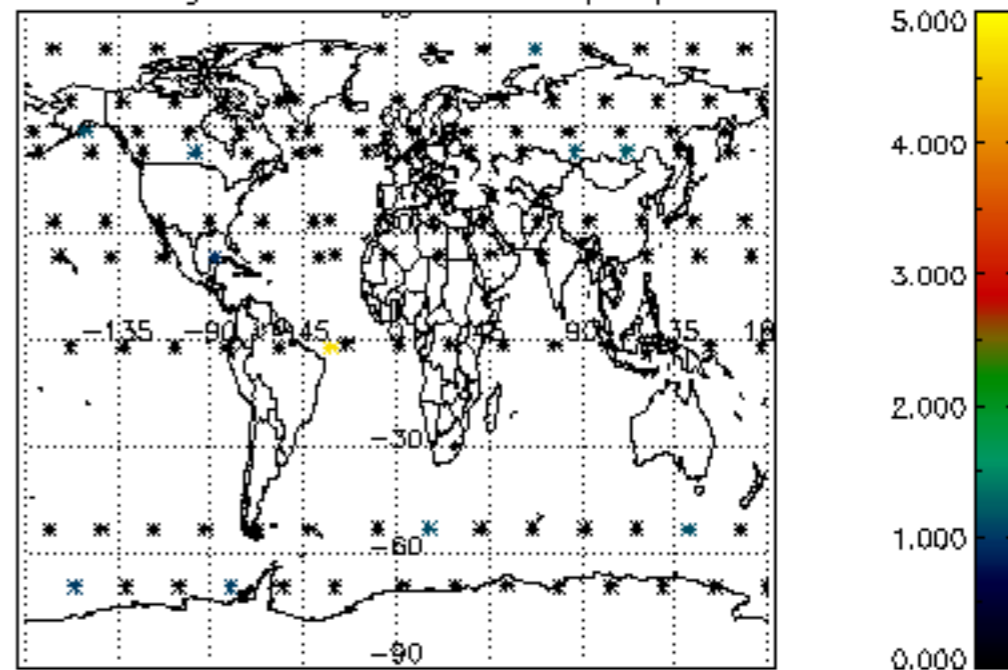
Percentage of datation errors per profile



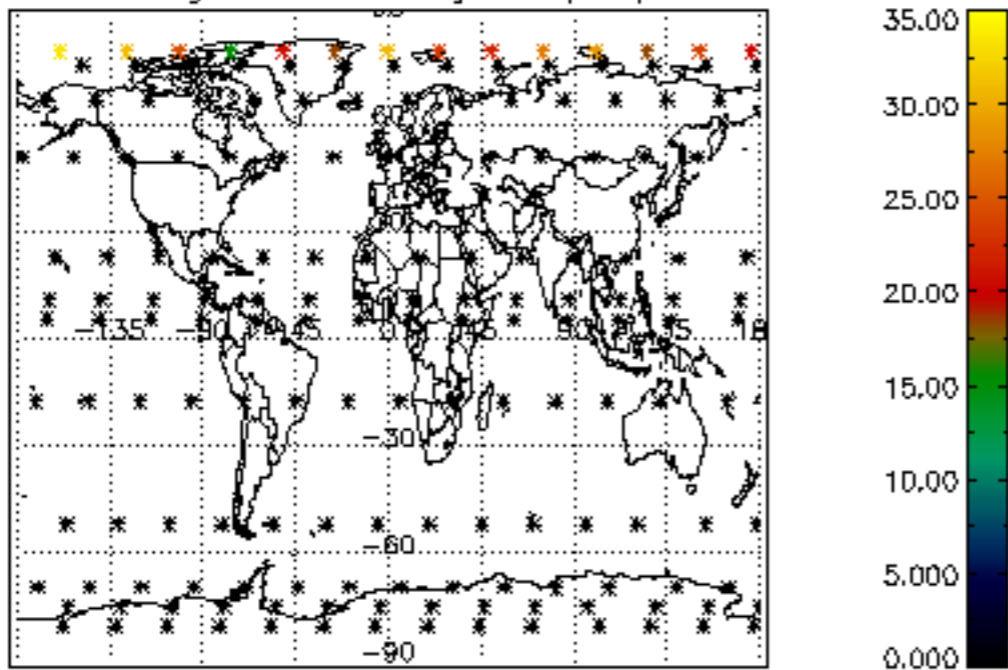
Percentage of star falling outside central band per profile



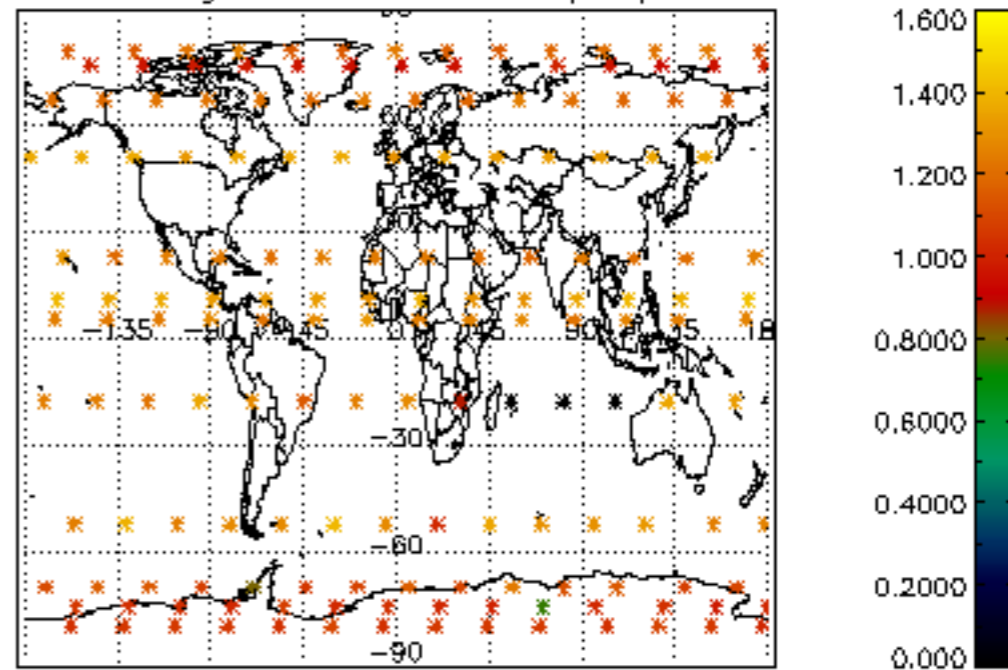
Percentage of saturation errors per profile



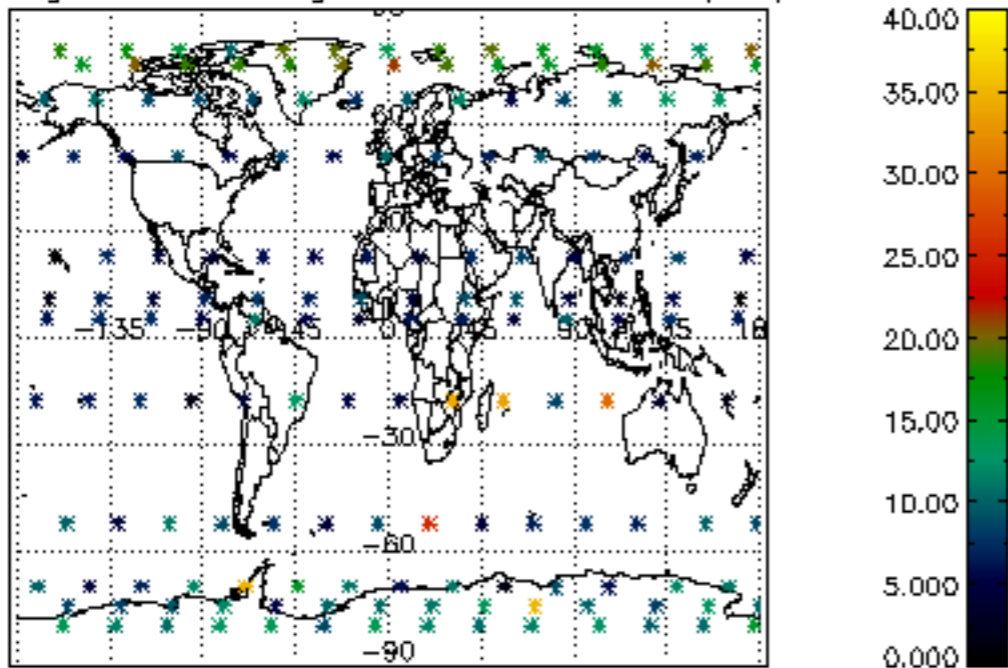
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

