

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 09:38:32
Data source version	GOMOS/6.01
Start time of products	13-04-2010 (13APR2010 00:00:00)
Stop time of products	14-04-2010 (14APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
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__2PRFIN20100413_000057_000000492088_00302_42440_4029.N1	13-APR-2010 00:00:57	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42440	No
2	GOM_NL__2PRFIN20100413_000325_000000462088_00302_42440_4030.N1	13-APR-2010 00:03:25	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42440	No
3	GOM_NL__2PRFIN20100413_000555_000000492088_00302_42440_4031.N1	13-APR-2010 00:05:55	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42440	No
4	GOM_NL__2PRFIN20100413_000820_000000442088_00302_42440_4032.N1	13-APR-2010 00:08:20	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42440	No
5	GOM_NL__2PRFIN20100413_002815_000000622088_00303_42441_4022.N1	13-APR-2010 00:28:15	Dark	62.000	40	The Sco	1.8590	7100.0	124	42441	No
6	GOM_NL__2PRFIN20100413_003544_000000432088_00303_42441_4023.N1	13-APR-2010 00:35:44	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42441	No
7	GOM_NL__2PRFIN20100413_003720_000000462088_00303_42441_4024.N1	13-APR-2010 00:37:20	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42441	No
8	GOM_NL__2PRFIN20100413_003946_000000522088_00303_42441_4025.N1	13-APR-2010 00:39:46	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42441	No
9	GOM_NL__2PRFIN20100413_004436_000000452088_00303_42441_4026.N1	13-APR-2010 00:44:36	Twilight_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42441	No
10	GOM_NL__2PRFIN20100413_004821_000000482088_00303_42441_4027.N1	13-APR-2010 00:48:21	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42441	No
11	GOM_NL__2PRFIN20100413_005125_000000412088_00303_42441_4028.N1	13-APR-2010 00:51:25	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42441	No
12	GOM_NL__2PRFIN20100413_005519_000000402088_00303_42441_4029.N1	13-APR-2010 00:55:19	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42441	No
13	GOM_NL__2PRFIN20100413_010332_000000392088_00303_42441_4030.N1	13-APR-2010 01:03:32	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42441	No
14	GOM_NL__2PRFIN20100413_010712_000000342088_00303_42441_4031.N1	13-APR-2010 01:07:12	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	42441	No
15	GOM_NL__2PRFIN20100413_010829_000000372088_00303_42441_4032.N1	13-APR-2010 01:08:29	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	42441	No
16	GOM_NL__2PRFIN20100413_011455_000000422088_00303_42441_4033.N1	13-APR-2010 01:14:55	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	42441	No
17	GOM_NL__2PRFIN20100413_011638_000000432088_00303_42441_4034.N1	13-APR-2010 01:16:38	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42441	No
18	GOM_NL__2PRFIN20100413_012456_000000382088_00303_42441_4035.N1	13-APR-2010 01:24:56	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42441	No
19	GOM_NL__2PRFIN20100413_013011_000000492088_00303_42441_4036.N1	13-APR-2010 01:30:11	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42441	No
20	GOM_NL__2PRFIN20100413_014133_000000512088_00303_42441_4037.N1	13-APR-2010 01:41:33	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42441	No
21	GOM_NL__2PRFIN20100413_014401_000000462088_00303_42441_4038.N1	13-APR-2010 01:44:01	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42441	No
22	GOM_NL__2PRFIN20100413_014631_000000482088_00303_42441_4039.N1	13-APR-2010 01:46:31	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42441	No
23	GOM_NL__2PRFIN20100413_014857_000000442088_00303_42441_4040.N1	13-APR-2010 01:48:57	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42441	No
24	GOM_NL__2PRFIN20100413_020852_000000552088_00304_42442_4030.N1	13-APR-2010 02:08:52	Dark	55.000	40	The Sco	1.8590	7100.0	110	42442	No
25	GOM_NL__2PRFIN20100413_021620_000000422088_00304_42442_4031.N1	13-APR-2010 02:16:20	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42442	No
26	GOM_NL__2PRFIN20100413_021756_000000482088_00304_42442_4032.N1	13-APR-2010 02:17:56	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42442	No
27	GOM_NL__2PRFIN20100413_022023_000000492088_00304_42442_4033.N1	13-APR-2010 02:20:23	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42442	No
28	GOM_NL__2PRFIN20100413_022512_000000452088_00304_42442_4034.N1	13-APR-2010 02:25:12	Twilight_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42442	No
29	GOM_NL__2PRFIN20100413_022856_000000472088_00304_42442_4035.N1	13-APR-2010 02:28:56	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42442	No
30	GOM_NL__2PRFIN20100413_023201_000000412088_00304_42442_4036.N1	13-APR-2010 02:32:01	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42442	No
31	GOM_NL__2PRFIN20100413_023555_000000412088_00304_42442_4037.N1	13-APR-2010 02:35:55	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42442	No
32	GOM_NL__2PRFIN20100413_024407_000000392088_00304_42442_4038.N1	13-APR-2010 02:44:07	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42442	No
33	GOM_NL__2PRFIN20100413_024748_000000362088_00304_42442_4039.N1	13-APR-2010 02:47:48	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42442	No
34	GOM_NL__2PRFIN20100413_024905_000000382088_00304_42442_4040.N1	13-APR-2010 02:49:05	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42442	No
35	GOM_NL__2PRFIN20100413_025530_000000392088_00304_42442_4041.N1	13-APR-2010 02:55:30	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42442	No
36	GOM_NL__2PRFIN20100413_025714_000000452088_00304_42442_4042.N1	13-APR-2010 02:57:14	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42442	No
37	GOM_NL__2PRFIN20100413_030531_000000392088_00304_42442_4043.N1	13-APR-2010 03:05:31	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42442	No
38	GOM_NL__2PRFIN20100413_031047_000000482088_00304_42442_4044.N1	13-APR-2010 03:10:47	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42442	No
39	GOM_NL__2PRFIN20100413_032210_000000512088_00304_42442_4045.N1	13-APR-2010 03:22:10	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42442	No
40	GOM_NL__2PRFIN20100413_032438_000000462088_00304_42442_4046.N1	13-APR-2010 03:24:38	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42442	No
41	GOM_NL__2PRFIN20100413_032708_000000492088_00304_42442_4047.N1	13-APR-2010 03:27:08	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42442	No
42	GOM_NL__2PRFIN20100413_032934_000000432088_00304_42442_4048.N1	13-APR-2010 03:29:34	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42442	No

43	GOM_NL__2PRFIN20100413_034929_000000522088_00305_42443_4038.N1	13-APR-2010 03:49:29	Dark	51.500	40	The Sco	1.8590	7100.0	103	42443	No
44	GOM_NL__2PRFIN20100413_035657_000000452088_00305_42443_4039.N1	13-APR-2010 03:56:57	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42443	No
45	GOM_NL__2PRFIN20100413_035833_000000452088_00305_42443_4040.N1	13-APR-2010 03:58:33	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42443	No
46	GOM_NL__2PRFIN20100413_040058_000000482088_00305_42443_4041.N1	13-APR-2010 04:00:58	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42443	No
47	GOM_NL__2PRFIN20100413_040549_000000472088_00305_42443_4042.N1	13-APR-2010 04:05:49	Twi_and_stray	46.500	169	46Gam Hya	2.9910	4700.0	93	42443	No
48	GOM_NL__2PRFIN20100413_040932_000000512088_00305_42443_4043.N1	13-APR-2010 04:09:32	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42443	No
49	GOM_NL__2PRFIN20100413_041237_000000402088_00305_42443_4044.N1	13-APR-2010 04:12:37	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42443	No
50	GOM_NL__2PRFIN20100413_041631_000000402088_00305_42443_4045.N1	13-APR-2010 04:16:31	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42443	No
51	GOM_NL__2PRFIN20100413_042443_000000392088_00305_42443_4046.N1	13-APR-2010 04:24:43	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42443	No
52	GOM_NL__2PRFIN20100413_042824_000000372088_00305_42443_4047.N1	13-APR-2010 04:28:24	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42443	No
53	GOM_NL__2PRFIN20100413_042940_000000402088_00305_42443_4048.N1	13-APR-2010 04:29:40	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42443	No
54	GOM_NL__2PRFIN20100413_043606_000000572088_00305_42443_4049.N1	13-APR-2010 04:36:06	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42443	No
55	GOM_NL__2PRFIN20100413_043749_000000452088_00305_42443_4050.N1	13-APR-2010 04:37:49	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42443	No
56	GOM_NL__2PRFIN20100413_044607_000000572088_00305_42443_4051.N1	13-APR-2010 04:46:07	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	42443	No
57	GOM_NL__2PRFIN20100413_045123_000000472088_00305_42443_4052.N1	13-APR-2010 04:51:23	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42443	No
58	GOM_NL__2PRFIN20100413_050246_000000492088_00305_42443_4053.N1	13-APR-2010 05:02:46	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42443	No
59	GOM_NL__2PRFIN20100413_050514_000000472088_00305_42443_4054.N1	13-APR-2010 05:05:14	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42443	No
60	GOM_NL__2PRFIN20100413_050745_000000462088_00305_42443_4055.N1	13-APR-2010 05:07:45	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42443	No
61	GOM_NL__2PRFIN20100413_051010_000000442088_00305_42443_4056.N1	13-APR-2010 05:10:10	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42443	No
62	GOM_NL__2PRFIN20100413_053006_000000522088_00306_42444_4046.N1	13-APR-2010 05:30:06	Dark	52.000	40	The Sco	1.8590	7100.0	104	42444	No
63	GOM_NL__2PRFIN20100413_053733_000000432088_00306_42444_4047.N1	13-APR-2010 05:37:33	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42444	No
64	GOM_NL__2PRFIN20100413_053909_000000452088_00306_42444_4048.N1	13-APR-2010 05:39:09	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42444	No
65	GOM_NL__2PRFIN20100413_054135_000000472088_00306_42444_4049.N1	13-APR-2010 05:41:35	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42444	No
66	GOM_NL__2PRFIN20100413_054625_000000452088_00306_42444_4050.N1	13-APR-2010 05:46:25	Twi_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42444	No
67	GOM_NL__2PRFIN20100413_055009_000000512088_00306_42444_4051.N1	13-APR-2010 05:50:09	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42444	No
68	GOM_NL__2PRFIN20100413_055313_000000392088_00306_42444_4052.N1	13-APR-2010 05:53:13	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42444	No
69	GOM_NL__2PRFIN20100413_055707_000000472088_00306_42444_4053.N1	13-APR-2010 05:57:07	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	42444	No
70	GOM_NL__2PRFIN20100413_060518_000000402088_00306_42444_4054.N1	13-APR-2010 06:05:18	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42444	No
71	GOM_NL__2PRFIN20100413_060900_000000372088_00306_42444_4055.N1	13-APR-2010 06:09:00	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42444	No
72	GOM_NL__2PRFIN20100413_061016_000000382088_00306_42444_4056.N1	13-APR-2010 06:10:16	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42444	No
73	GOM_NL__2PRFIN20100413_061642_000000382088_00306_42444_4057.N1	13-APR-2010 06:16:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42444	No
74	GOM_NL__2PRFIN20100413_061824_000000462088_00306_42444_4058.N1	13-APR-2010 06:18:24	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42444	No
75	GOM_NL__2PRFIN20100413_062643_000000392088_00306_42444_4059.N1	13-APR-2010 06:26:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42444	No
76	GOM_NL__2PRFIN20100413_063159_000000462088_00306_42444_4060.N1	13-APR-2010 06:31:59	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42444	No
77	GOM_NL__2PRFIN20100413_064323_000000522088_00306_42444_4061.N1	13-APR-2010 06:43:23	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42444	No
78	GOM_NL__2PRFIN20100413_064551_000000462088_00306_42444_4062.N1	13-APR-2010 06:45:51	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42444	No
79	GOM_NL__2PRFIN20100413_064821_000000452088_00306_42444_4063.N1	13-APR-2010 06:48:21	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42444	No
80	GOM_NL__2PRFIN20100413_065047_000000412088_00306_42444_4064.N1	13-APR-2010 06:50:47	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42444	No
81	GOM_NL__2PRFIN20100413_071043_000000522088_00307_42445_4074.N1	13-APR-2010 07:10:43	Dark	52.000	40	The Sco	1.8590	7100.0	104	42445	No
82	GOM_NL__2PRFIN20100413_071810_000000452088_00307_42445_4075.N1	13-APR-2010 07:18:10	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42445	No
83	GOM_NL__2PRFIN20100413_071946_000000442088_00307_42445_4076.N1	13-APR-2010 07:19:46	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42445	No
84	GOM_NL__2PRFIN20100413_072212_000000482088_00307_42445_4077.N1	13-APR-2010 07:22:12	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42445	No
85	GOM_NL__2PRFIN20100413_072701_000000442088_00307_42445_4078.N1	13-APR-2010 07:27:01	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42445	No
86	GOM_NL__2PRFIN20100413_073045_000000472088_00307_42445_4079.N1	13-APR-2010 07:30:45	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42445	No
87	GOM_NL__2PRFIN20100413_073349_000000402088_00307_42445_4080.N1	13-APR-2010 07:33:49	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42445	No
88	GOM_NL__2PRFIN20100413_073742_000000422088_00307_42445_4081.N1	13-APR-2010 07:37:42	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42445	No
89	GOM_NL__2PRFIN20100413_074554_000000482088_00307_42445_4082.N1	13-APR-2010 07:45:54	Bright	48.000	152	12Alp2CVn	2.8900	11000.	96	42445	No
90	GOM_NL__2PRFIN20100413_074936_000000362088_00307_42445_4083.N1	13-APR-2010 07:49:36	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42445	No
91	GOM_NL__2PRFIN20100413_075052_000000382088_00307_42445_4084.N1	13-APR-2010 07:50:52	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42445	No
92	GOM_NL__2PRFIN20100413_075718_000000372088_00307_42445_4085.N1	13-APR-2010 07:57:18	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42445	No
93	GOM_NL__2PRFIN20100413_075859_000000462088_00307_42445_4086.N1	13-APR-2010 07:58:59	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42445	No
94	GOM_NL__2PRFIN20100413_080719_000000382088_00307_42445_4087.N1	13-APR-2010 08:07:19	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42445	No
95	GOM_NL__2PRFIN20100413_081235_000000492088_00307_42445_4088.N1	13-APR-2010 08:12:35	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42445	No
96	GOM_NL__2PRFIN20100413_082359_000000492088_00307_42445_4089.N1	13-APR-2010 08:23:59	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	42445	No
97	GOM_NL__2PRFIN20100413_082627_000000442088_00307_42445_4090.N1	13-APR-2010 08:26:27	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42445	No
98	GOM_NL__2PRFIN20100413_082858_000000472088_00307_42445_4091.N1	13-APR-2010 08:28:58	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42445	No
99	GOM_NL__2PRFIN20100413_083123_000000442088_00307_42445_4092.N1	13-APR-2010 08:31:23	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42445	No
100	GOM_NL__2PRFIN20100413_085120_000000532088_00308_42446_4192.N1	13-APR-2010 08:51:20	Dark	53.000	40	The Sco	1.8590	7100.0	106	42446	No
101	GOM_NL__2PRFIN20100413_085846_000000442088_00308_42446_4193.N1	13-APR-2010 08:58:46	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42446	No

102	GOM_NL__2PRFIN20100413_090022_000000462088_00308_42446_4194.N1	13-APR-2010 09:00:22	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42446	No
103	GOM_NL__2PRFIN20100413_090248_000000452088_00308_42446_4195.N1	13-APR-2010 09:02:48	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42446	No
104	GOM_NL__2PRFIN20100413_090737_000000432088_00308_42446_4196.N1	13-APR-2010 09:07:37	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42446	No
105	GOM_NL__2PRFIN20100413_091120_000000462088_00308_42446_4197.N1	13-APR-2010 09:11:20	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42446	No
106	GOM_NL__2PRFIN20100413_091425_000000402088_00308_42446_4198.N1	13-APR-2010 09:14:25	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42446	No
107	GOM_NL__2PRFIN20100413_091818_000000432088_00308_42446_4199.N1	13-APR-2010 09:18:18	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42446	No
108	GOM_NL__2PRFIN20100413_092630_000000582088_00308_42446_4200.N1	13-APR-2010 09:26:30	Bright	58.000	152	12Alp2CVn	2.8900	11000.	116	42446	No
109	GOM_NL__2PRFIN20100413_093012_000000362088_00308_42446_4201.N1	13-APR-2010 09:30:12	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42446	No
110	GOM_NL__2PRFIN20100413_093127_000000392088_00308_42446_4202.N1	13-APR-2010 09:31:27	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42446	No
111	GOM_NL__2PRFIN20100413_093753_000000572088_00308_42446_4203.N1	13-APR-2010 09:37:53	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42446	No
112	GOM_NL__2PRFIN20100413_093935_000000472088_00308_42446_4204.N1	13-APR-2010 09:39:35	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42446	No
113	GOM_NL__2PRFIN20100413_094755_000000402088_00308_42446_4205.N1	13-APR-2010 09:47:55	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42446	No
114	GOM_NL__2PRFIN20100413_095310_000000492088_00308_42446_4206.N1	13-APR-2010 09:53:10	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42446	No
115	GOM_NL__2PRFIN20100413_100435_000000512088_00308_42446_4207.N1	13-APR-2010 10:04:35	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42446	No
116	GOM_NL__2PRFIN20100413_100703_000000442088_00308_42446_4208.N1	13-APR-2010 10:07:03	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42446	No
117	GOM_NL__2PRFIN20100413_100934_000000492088_00308_42446_4209.N1	13-APR-2010 10:09:34	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42446	No
118	GOM_NL__2PRFIN20100413_101159_000000442088_00308_42446_4210.N1	13-APR-2010 10:11:59	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42446	No
119	GOM_NL__2PRFIN20100413_103157_000000552088_00309_42447_4307.N1	13-APR-2010 10:31:57	Dark	54.500	40	The Sco	1.8590	7100.0	109	42447	No
120	GOM_NL__2PRFIN20100413_103922_000000422088_00309_42447_4308.N1	13-APR-2010 10:39:22	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42447	No
121	GOM_NL__2PRFIN20100413_104058_000000452088_00309_42447_4309.N1	13-APR-2010 10:40:58	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42447	No
122	GOM_NL__2PRFIN20100413_104324_000000482088_00309_42447_4310.N1	13-APR-2010 10:43:24	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42447	No
123	GOM_NL__2PRFIN20100413_105156_000000482088_00309_42447_4311.N1	13-APR-2010 10:51:56	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42447	No
124	GOM_NL__2PRFIN20100413_105500_000000402088_00309_42447_4312.N1	13-APR-2010 10:55:00	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42447	No
125	GOM_NL__2PRFIN20100413_105854_000000412088_00309_42447_4313.N1	13-APR-2010 10:58:54	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42447	No
126	GOM_NL__2PRFIN20100413_110705_000000412088_00309_42447_4314.N1	13-APR-2010 11:07:05	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42447	No
127	GOM_NL__2PRFIN20100413_111048_000000372088_00309_42447_4315.N1	13-APR-2010 11:10:48	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42447	No
128	GOM_NL__2PRFIN20100413_111203_000000392088_00309_42447_4316.N1	13-APR-2010 11:12:03	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42447	No
129	GOM_NL__2PRFIN20100413_111829_000000392088_00309_42447_4317.N1	13-APR-2010 11:18:29	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42447	No
130	GOM_NL__2PRFIN20100413_112010_000000472088_00309_42447_4318.N1	13-APR-2010 11:20:10	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42447	No
131	GOM_NL__2PRFIN20100413_112830_000000392088_00309_42447_4319.N1	13-APR-2010 11:28:30	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42447	No
132	GOM_NL__2PRFIN20100413_113346_000000482088_00309_42447_4320.N1	13-APR-2010 11:33:46	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42447	No
133	GOM_NL__2PRFIN20100413_114511_000000502088_00309_42447_4321.N1	13-APR-2010 11:45:11	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42447	No
134	GOM_NL__2PRFIN20100413_114739_000000462088_00309_42447_4322.N1	13-APR-2010 11:47:39	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42447	No
135	GOM_NL__2PRFIN20100413_115010_000000462088_00309_42447_4323.N1	13-APR-2010 11:50:10	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42447	No
136	GOM_NL__2PRFIN20100413_115236_000000422088_00309_42447_4324.N1	13-APR-2010 11:52:36	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42447	No
137	GOM_NL__2PRFIN20100413_121234_000000542088_00310_42448_4317.N1	13-APR-2010 12:12:34	Dark	54.000	40	The Sco	1.8590	7100.0	108	42448	No
138	GOM_NL__2PRFIN20100413_121958_000000422088_00310_42448_4318.N1	13-APR-2010 12:19:58	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42448	No
139	GOM_NL__2PRFIN20100413_122135_000000432088_00310_42448_4319.N1	13-APR-2010 12:21:35	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42448	No
140	GOM_NL__2PRFIN20100413_122400_000000462088_00310_42448_4320.N1	13-APR-2010 12:24:00	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42448	No
141	GOM_NL__2PRFIN20100413_122849_000000452088_00310_42448_4321.N1	13-APR-2010 12:28:49	Tw_i_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42448	No
142	GOM_NL__2PRFIN20100413_123232_000000492088_00310_42448_4322.N1	13-APR-2010 12:32:32	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42448	No
143	GOM_NL__2PRFIN20100413_123536_000000402088_00310_42448_4323.N1	13-APR-2010 12:35:36	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42448	No
144	GOM_NL__2PRFIN20100413_123930_000000422088_00310_42448_4324.N1	13-APR-2010 12:39:30	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42448	No
145	GOM_NL__2PRFIN20100413_124740_000000392088_00310_42448_4325.N1	13-APR-2010 12:47:40	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42448	No
146	GOM_NL__2PRFIN20100413_125124_000000372088_00310_42448_4326.N1	13-APR-2010 12:51:24	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42448	No
147	GOM_NL__2PRFIN20100413_125238_000000402088_00310_42448_4327.N1	13-APR-2010 12:52:38	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42448	No
148	GOM_NL__2PRFIN20100413_125904_000000362088_00310_42448_4328.N1	13-APR-2010 12:59:04	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42448	No
149	GOM_NL__2PRFIN20100413_130045_000000462088_00310_42448_4329.N1	13-APR-2010 13:00:45	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42448	No
150	GOM_NL__2PRFIN20100413_130906_000000392088_00310_42448_4330.N1	13-APR-2010 13:09:06	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42448	No
151	GOM_NL__2PRFIN20100413_131422_000000492088_00310_42448_4331.N1	13-APR-2010 13:14:22	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42448	No
152	GOM_NL__2PRFIN20100413_132548_000000532088_00310_42448_4332.N1	13-APR-2010 13:25:48	Twilight	52.500	61	8Eps Peg	2.1000	3900.0	105	42448	No
153	GOM_NL__2PRFIN20100413_132816_000000452088_00310_42448_4333.N1	13-APR-2010 13:28:16	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42448	No
154	GOM_NL__2PRFIN20100413_133047_000000462088_00310_42448_4334.N1	13-APR-2010 13:30:47	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42448	No
155	GOM_NL__2PRFIN20100413_133312_000000432088_00310_42448_4335.N1	13-APR-2010 13:33:12	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42448	No
156	GOM_NL__2PRFIN20100413_135311_000000522088_00311_42449_4327.N1	13-APR-2010 13:53:11	Dark	52.000	40	The Sco	1.8590	7100.0	104	42449	No
157	GOM_NL__2PRFIN20100413_140035_000000412088_00311_42449_4328.N1	13-APR-2010 14:00:35	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42449	No
158	GOM_NL__2PRFIN20100413_140211_000000452088_00311_42449_4329.N1	13-APR-2010 14:02:11	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42449	No
159	GOM_NL__2PRFIN20100413_140437_000000502088_00311_42449_4330.N1	13-APR-2010 14:04:37	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42449	No
160	GOM_NL__2PRFIN20100413_140925_000000452088_00311_42449_4331.N1	13-APR-2010 14:09:25	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42449	No

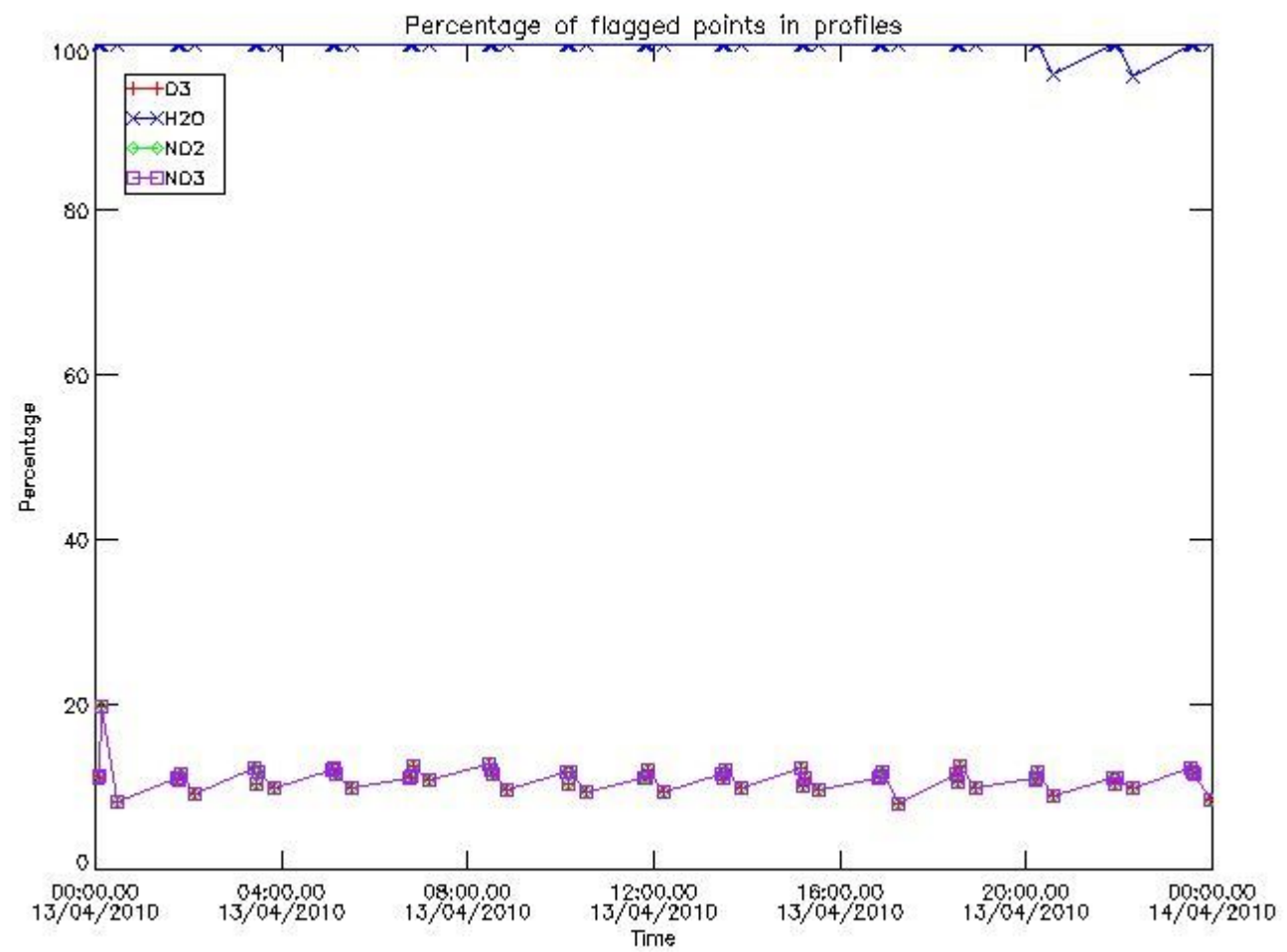
161	GOM_NL__2PRFIN20100413_141308_000000472088_00311_42449_4332.N1	13-APR-2010 14:13:08	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42449	No
162	GOM_NL__2PRFIN20100413_141612_000000402088_00311_42449_4333.N1	13-APR-2010 14:16:12	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42449	No
163	GOM_NL__2PRFIN20100413_142005_000000412088_00311_42449_4334.N1	13-APR-2010 14:20:05	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42449	No
164	GOM_NL__2PRFIN20100413_142817_000000402088_00311_42449_4335.N1	13-APR-2010 14:28:17	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42449	No
165	GOM_NL__2PRFIN20100413_143200_000000372088_00311_42449_4336.N1	13-APR-2010 14:32:00	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42449	No
166	GOM_NL__2PRFIN20100413_143314_000000392088_00311_42449_4337.N1	13-APR-2010 14:33:14	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42449	No
167	GOM_NL__2PRFIN20100413_143940_000000412088_00311_42449_4338.N1	13-APR-2010 14:39:40	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42449	No
168	GOM_NL__2PRFIN20100413_144120_000000482088_00311_42449_4339.N1	13-APR-2010 14:41:20	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	42449	No
169	GOM_NL__2PRFIN20100413_144942_000000402088_00311_42449_4340.N1	13-APR-2010 14:49:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42449	No
170	GOM_NL__2PRFIN20100413_145458_000000492088_00311_42449_4341.N1	13-APR-2010 14:54:58	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42449	No
171	GOM_NL__2PRFIN20100413_150624_000000502088_00311_42449_4342.N1	13-APR-2010 15:06:24	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42449	No
172	GOM_NL__2PRFIN20100413_150852_000000462088_00311_42449_4343.N1	13-APR-2010 15:08:52	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42449	No
173	GOM_NL__2PRFIN20100413_151123_000000502088_00311_42449_4344.N1	13-APR-2010 15:11:23	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42449	No
174	GOM_NL__2PRFIN20100413_151349_000000462088_00311_42449_4345.N1	13-APR-2010 15:13:49	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42449	No
175	GOM_NL__2PRFIN20100413_153348_000000542088_00312_42450_4335.N1	13-APR-2010 15:33:48	Dark	53.500	40	The Sco	1.8590	7100.0	107	42450	No
176	GOM_NL__2PRFIN20100413_154111_000000392088_00312_42450_4336.N1	13-APR-2010 15:41:11	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	42450	No
177	GOM_NL__2PRFIN20100413_154247_000000452088_00312_42450_4337.N1	13-APR-2010 15:42:47	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42450	No
178	GOM_NL__2PRFIN20100413_154513_000000502088_00312_42450_4338.N1	13-APR-2010 15:45:13	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42450	No
179	GOM_NL__2PRFIN20100413_155001_000000432088_00312_42450_4339.N1	13-APR-2010 15:50:01	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42450	No
180	GOM_NL__2PRFIN20100413_155344_000000472088_00312_42450_4340.N1	13-APR-2010 15:53:44	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42450	No
181	GOM_NL__2PRFIN20100413_155648_000000402088_00312_42450_4341.N1	13-APR-2010 15:56:48	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42450	No
182	GOM_NL__2PRFIN20100413_160041_000000412088_00312_42450_4342.N1	13-APR-2010 16:00:41	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42450	No
183	GOM_NL__2PRFIN20100413_160852_000000382088_00312_42450_4343.N1	13-APR-2010 16:08:52	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42450	No
184	GOM_NL__2PRFIN20100413_162016_000000402088_00312_42450_4344.N1	13-APR-2010 16:20:16	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42450	No
185	GOM_NL__2PRFIN20100413_162155_000000492088_00312_42450_4345.N1	13-APR-2010 16:21:55	Bright	49.000	119	14Eta Dra	2.7270	4700.0	98	42450	No
186	GOM_NL__2PRFIN20100413_163017_000000402088_00312_42450_4346.N1	13-APR-2010 16:30:17	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42450	No
187	GOM_NL__2PRFIN20100413_163533_000000492088_00312_42450_4347.N1	13-APR-2010 16:35:33	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42450	No
188	GOM_NL__2PRFIN20100413_163946_000000522088_00312_42450_4348.N1	13-APR-2010 16:39:46	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	42450	No
189	GOM_NL__2PRFIN20100413_164700_000000512088_00312_42450_4349.N1	13-APR-2010 16:47:00	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42450	No
190	GOM_NL__2PRFIN20100413_164929_000000462088_00312_42450_4350.N1	13-APR-2010 16:49:29	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42450	No
191	GOM_NL__2PRFIN20100413_165200_000000492088_00312_42450_4351.N1	13-APR-2010 16:52:00	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42450	No
192	GOM_NL__2PRFIN20100413_165425_000000432088_00312_42450_4352.N1	13-APR-2010 16:54:25	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42450	No
193	GOM_NL__2PRFIN20100413_171425_000000652088_00313_42451_4343.N1	13-APR-2010 17:14:25	Dark	64.500	40	The Sco	1.8590	7100.0	129	42451	No
194	GOM_NL__2PRFIN20100413_172148_000000432088_00313_42451_4344.N1	13-APR-2010 17:21:48	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42451	No
195	GOM_NL__2PRFIN20100413_172324_000000432088_00313_42451_4345.N1	13-APR-2010 17:23:24	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42451	No
196	GOM_NL__2PRFIN20100413_172549_000000522088_00313_42451_4346.N1	13-APR-2010 17:25:49	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	42451	No
197	GOM_NL__2PRFIN20100413_173038_000000462088_00313_42451_4347.N1	13-APR-2010 17:30:38	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42451	No
198	GOM_NL__2PRFIN20100413_173420_000000472088_00313_42451_4348.N1	13-APR-2010 17:34:20	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42451	No
199	GOM_NL__2PRFIN20100413_173724_000000412088_00313_42451_4349.N1	13-APR-2010 17:37:24	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42451	No
200	GOM_NL__2PRFIN20100413_174117_000000402088_00313_42451_4350.N1	13-APR-2010 17:41:17	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42451	No
201	GOM_NL__2PRFIN20100413_174928_000000422088_00313_42451_4351.N1	13-APR-2010 17:49:28	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42451	No
202	GOM_NL__2PRFIN20100413_180051_000000392088_00313_42451_4352.N1	13-APR-2010 18:00:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42451	No
203	GOM_NL__2PRFIN20100413_180230_000000502088_00313_42451_4353.N1	13-APR-2010 18:02:30	Bright	50.000	119	14Eta Dra	2.7270	4700.0	100	42451	No
204	GOM_NL__2PRFIN20100413_181053_000000572088_00313_42451_4354.N1	13-APR-2010 18:10:53	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	42451	No
205	GOM_NL__2PRFIN20100413_181609_000000662088_00313_42451_4355.N1	13-APR-2010 18:16:09	Bright	66.000	19	50Alp Cyg	1.2460	10500.	132	42451	No
206	GOM_NL__2PRFIN20100413_182022_000000522088_00313_42451_4356.N1	13-APR-2010 18:20:22	Bright	51.500	92	53Eps Cyg	2.5000	4500.0	103	42451	No
207	GOM_NL__2PRFIN20100413_182737_000000502088_00313_42451_4357.N1	13-APR-2010 18:27:37	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42451	No
208	GOM_NL__2PRFIN20100413_183005_000000452088_00313_42451_4358.N1	13-APR-2010 18:30:05	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42451	No
209	GOM_NL__2PRFIN20100413_183236_000000482088_00313_42451_4359.N1	13-APR-2010 18:32:36	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42451	No
210	GOM_NL__2PRFIN20100413_183502_000000412088_00313_42451_4360.N1	13-APR-2010 18:35:02	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42451	No
211	GOM_NL__2PRFIN20100413_185502_000000522088_00314_42452_4351.N1	13-APR-2010 18:55:02	Dark	51.500	40	The Sco	1.8590	7100.0	103	42452	No
212	GOM_NL__2PRFIN20100413_190225_000000432088_00314_42452_4352.N1	13-APR-2010 19:02:25	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42452	No
213	GOM_NL__2PRFIN20100413_190400_000000452088_00314_42452_4353.N1	13-APR-2010 19:04:00	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42452	No
214	GOM_NL__2PRFIN20100413_190626_000000502088_00314_42452_4354.N1	13-APR-2010 19:06:26	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42452	No
215	GOM_NL__2PRFIN20100413_191114_000000452088_00314_42452_4355.N1	13-APR-2010 19:11:14	Tw_i_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42452	No
216	GOM_NL__2PRFIN20100413_191456_000000472088_00314_42452_4356.N1	13-APR-2010 19:14:56	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42452	No
217	GOM_NL__2PRFIN20100413_191800_000000412088_00314_42452_4357.N1	13-APR-2010 19:18:00	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42452	No
218	GOM_NL__2PRFIN20100413_192152_000000412088_00314_42452_4358.N1	13-APR-2010 19:21:52	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42452	No
219	GOM_NL__2PRFIN20100413_193004_000000582088_00314_42452_4359.N1	13-APR-2010 19:30:04	Bright	58.000	152	12Alp2CVn	2.8900	11000.	116	42452	No

220	GOM_NL__2PRFIN20100413_193347_000000372088_00314_42452_4360.N1	13-APR-2010 19:33:47	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42452	No
221	GOM_NL__2PRFIN20100413_193520_000000402088_00314_42452_4361.N1	13-APR-2010 19:35:20	Bright	40.000	55	79Zet UMa	2.0600	10200.	80	42452	No
222	GOM_NL__2PRFIN20100413_194127_000000382088_00314_42452_4362.N1	13-APR-2010 19:41:27	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42452	No
223	GOM_NL__2PRFIN20100413_194305_000000492088_00314_42452_4363.N1	13-APR-2010 19:43:05	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	42452	No
224	GOM_NL__2PRFIN20100413_195129_000000382088_00314_42452_4364.N1	13-APR-2010 19:51:29	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42452	No
225	GOM_NL__2PRFIN20100413_195645_000000492088_00314_42452_4365.N1	13-APR-2010 19:56:45	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42452	No
226	GOM_NL__2PRFIN20100413_200058_000000562088_00314_42452_4366.N1	13-APR-2010 20:00:58	Bright	55.500	92	53Eps Cyg	2.5000	4500.0	111	42452	No
227	GOM_NL__2PRFIN20100413_200813_000000512088_00314_42452_4367.N1	13-APR-2010 20:08:13	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42452	No
228	GOM_NL__2PRFIN20100413_201041_000000462088_00314_42452_4368.N1	13-APR-2010 20:10:41	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42452	No
229	GOM_NL__2PRFIN20100413_201313_000000472088_00314_42452_4369.N1	13-APR-2010 20:13:13	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42452	No
230	GOM_NL__2PRFIN20100413_201538_000000432088_00314_42452_4370.N1	13-APR-2010 20:15:38	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42452	No
231	GOM_NL__2PRFIN20100413_203539_000000572088_00315_42453_4447.N1	13-APR-2010 20:35:39	Dark	56.500	40	The Sco	1.8590	7100.0	113	42453	No
232	GOM_NL__2PRFIN20100413_204301_000000422088_00315_42453_4448.N1	13-APR-2010 20:43:01	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42453	No
233	GOM_NL__2PRFIN20100413_204437_000000442088_00315_42453_4449.N1	13-APR-2010 20:44:37	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42453	No
234	GOM_NL__2PRFIN20100413_204702_000000492088_00315_42453_4450.N1	13-APR-2010 20:47:02	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42453	No
235	GOM_NL__2PRFIN20100413_205150_000000462088_00315_42453_4451.N1	13-APR-2010 20:51:50	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	42453	No
236	GOM_NL__2PRFIN20100413_205532_000000452088_00315_42453_4452.N1	13-APR-2010 20:55:32	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42453	No
237	GOM_NL__2PRFIN20100413_205836_000000402088_00315_42453_4453.N1	13-APR-2010 20:58:36	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42453	No
238	GOM_NL__2PRFIN20100413_210228_000000412088_00315_42453_4454.N1	13-APR-2010 21:02:28	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42453	No
239	GOM_NL__2PRFIN20100413_211039_000000402088_00315_42453_4455.N1	13-APR-2010 21:10:39	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42453	No
240	GOM_NL__2PRFIN20100413_211423_000000352088_00315_42453_4456.N1	13-APR-2010 21:14:23	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	42453	No
241	GOM_NL__2PRFIN20100413_211555_000000402088_00315_42453_4457.N1	13-APR-2010 21:15:55	Bright	40.000	55	79Zet UMa	2.0600	10200.	80	42453	No
242	GOM_NL__2PRFIN20100413_212203_000000372088_00315_42453_4458.N1	13-APR-2010 21:22:03	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42453	No
243	GOM_NL__2PRFIN20100413_212341_000000452088_00315_42453_4459.N1	13-APR-2010 21:23:41	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42453	No
244	GOM_NL__2PRFIN20100413_213205_000000372088_00315_42453_4460.N1	13-APR-2010 21:32:05	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42453	No
245	GOM_NL__2PRFIN20100413_213721_000000492088_00315_42453_4461.N1	13-APR-2010 21:37:21	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42453	No
246	GOM_NL__2PRFIN20100413_214134_000000532088_00315_42453_4462.N1	13-APR-2010 21:41:34	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42453	No
247	GOM_NL__2PRFIN20100413_214849_000000512088_00315_42453_4463.N1	13-APR-2010 21:48:49	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42453	No
248	GOM_NL__2PRFIN20100413_215117_000000462088_00315_42453_4464.N1	13-APR-2010 21:51:17	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42453	No
249	GOM_NL__2PRFIN20100413_215350_000000502088_00315_42453_4465.N1	13-APR-2010 21:53:50	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42453	No
250	GOM_NL__2PRFIN20100413_215615_000000462088_00315_42453_4466.N1	13-APR-2010 21:56:15	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42453	No
251	GOM_NL__2PRFIN20100413_221616_000000512088_00316_42454_4455.N1	13-APR-2010 22:16:16	Dark	51.000	40	The Sco	1.8590	7100.0	102	42454	No
252	GOM_NL__2PRFIN20100413_222337_000000472088_00316_42454_4456.N1	13-APR-2010 22:23:37	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42454	No
253	GOM_NL__2PRFIN20100413_222513_000000462088_00316_42454_4457.N1	13-APR-2010 22:25:13	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42454	No
254	GOM_NL__2PRFIN20100413_222738_000000492088_00316_42454_4458.N1	13-APR-2010 22:27:38	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42454	No
255	GOM_NL__2PRFIN20100413_223226_000000422088_00316_42454_4459.N1	13-APR-2010 22:32:26	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	42454	No
256	GOM_NL__2PRFIN20100413_223608_000000462088_00316_42454_4460.N1	13-APR-2010 22:36:08	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42454	No
257	GOM_NL__2PRFIN20100413_223912_000000412088_00316_42454_4461.N1	13-APR-2010 22:39:12	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42454	No
258	GOM_NL__2PRFIN20100413_224304_000000422088_00316_42454_4462.N1	13-APR-2010 22:43:04	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42454	No
259	GOM_NL__2PRFIN20100413_225114_000000382088_00316_42454_4463.N1	13-APR-2010 22:51:14	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42454	No
260	GOM_NL__2PRFIN20100413_225459_000000352088_00316_42454_4464.N1	13-APR-2010 22:54:59	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	42454	No
261	GOM_NL__2PRFIN20100413_225630_000000412088_00316_42454_4465.N1	13-APR-2010 22:56:30	Bright	40.500	55	79Zet UMa	2.0600	10200.	81	42454	No
262	GOM_NL__2PRFIN20100413_230238_000000402088_00316_42454_4466.N1	13-APR-2010 23:02:38	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42454	No
263	GOM_NL__2PRFIN20100413_230416_000000472088_00316_42454_4467.N1	13-APR-2010 23:04:16	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42454	No
264	GOM_NL__2PRFIN20100413_231240_000000392088_00316_42454_4468.N1	13-APR-2010 23:12:40	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42454	No
265	GOM_NL__2PRFIN20100413_231757_000000482088_00316_42454_4469.N1	13-APR-2010 23:17:57	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42454	No
266	GOM_NL__2PRFIN20100413_232210_000000542088_00316_42454_4470.N1	13-APR-2010 23:22:10	Bright	54.000	92	53Eps Cyg	2.5000	4500.0	108	42454	No
267	GOM_NL__2PRFIN20100413_232925_000000482088_00316_42454_4471.N1	13-APR-2010 23:29:25	Twilight	48.000	61	8Eps Peg	2.1000	3900.0	96	42454	No
268	GOM_NL__2PRFIN20100413_233154_000000462088_00316_42454_4472.N1	13-APR-2010 23:31:54	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42454	No
269	GOM_NL__2PRFIN20100413_233426_000000522088_00316_42454_4473.N1	13-APR-2010 23:34:26	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42454	No
270	GOM_NL__2PRFIN20100413_233651_000000442088_00316_42454_4474.N1	13-APR-2010 23:36:51	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42454	No
271	GOM_NL__2PRFIN20100413_235653_000000612088_00317_42455_4463.N1	13-APR-2010 23:56:53	Dark	61.000	40	The Sco	1.8590	7100.0	122	42455	No

3. Quality information per product

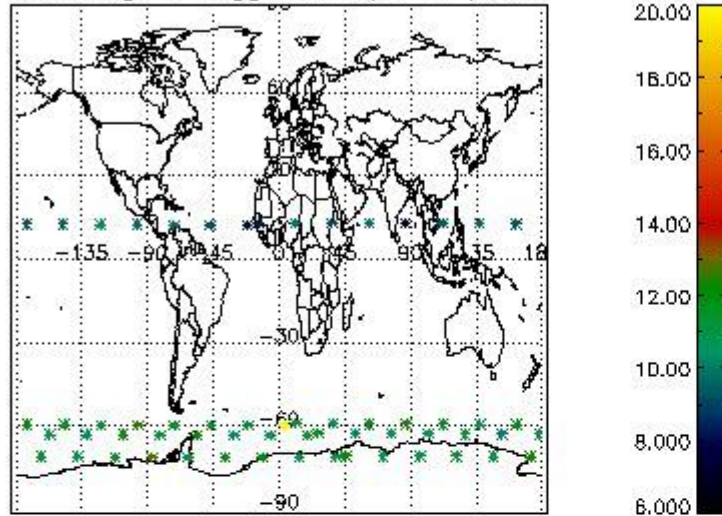
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

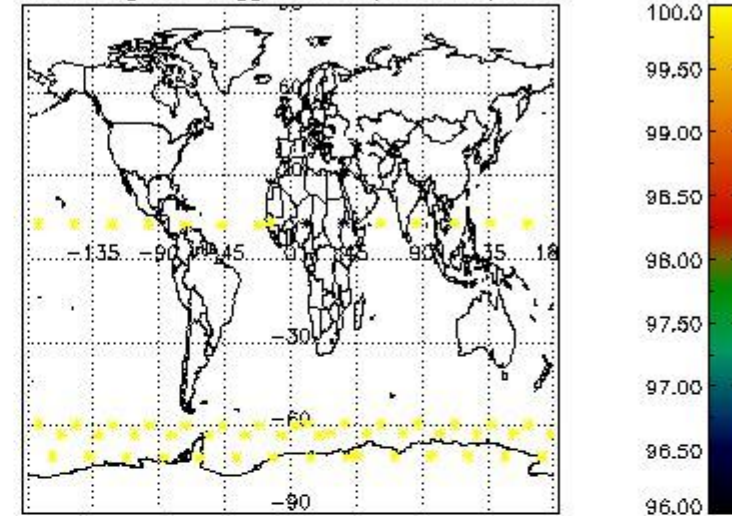


3.2 Plot quality information per product (world map)

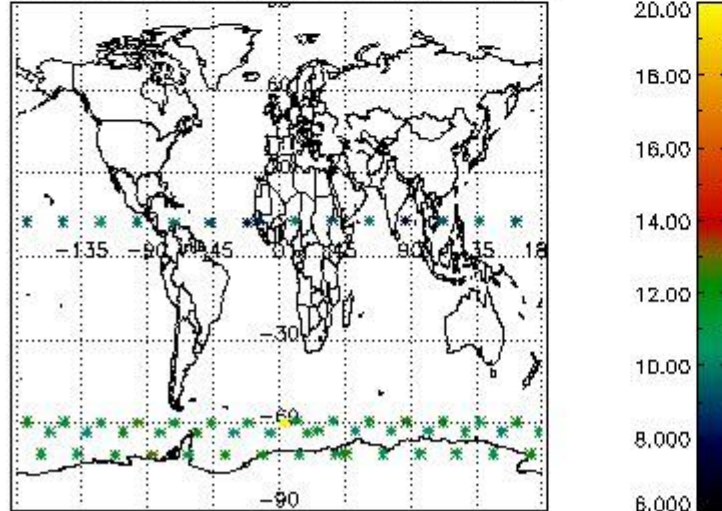
Percentage of flagged data per O3 profile



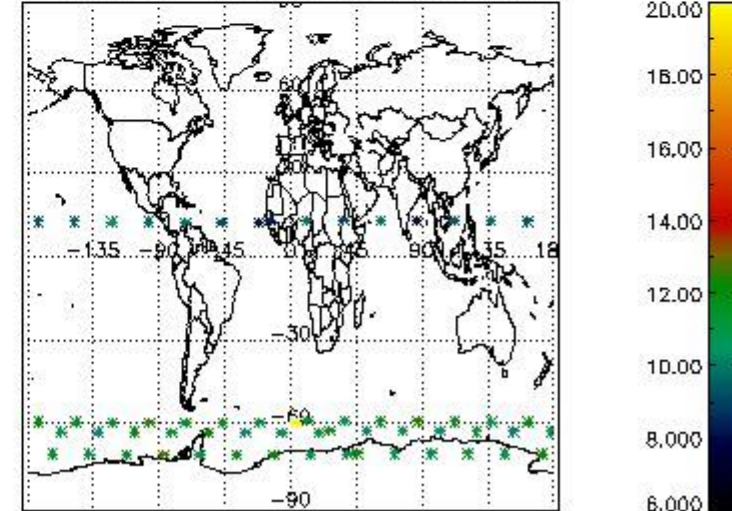
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

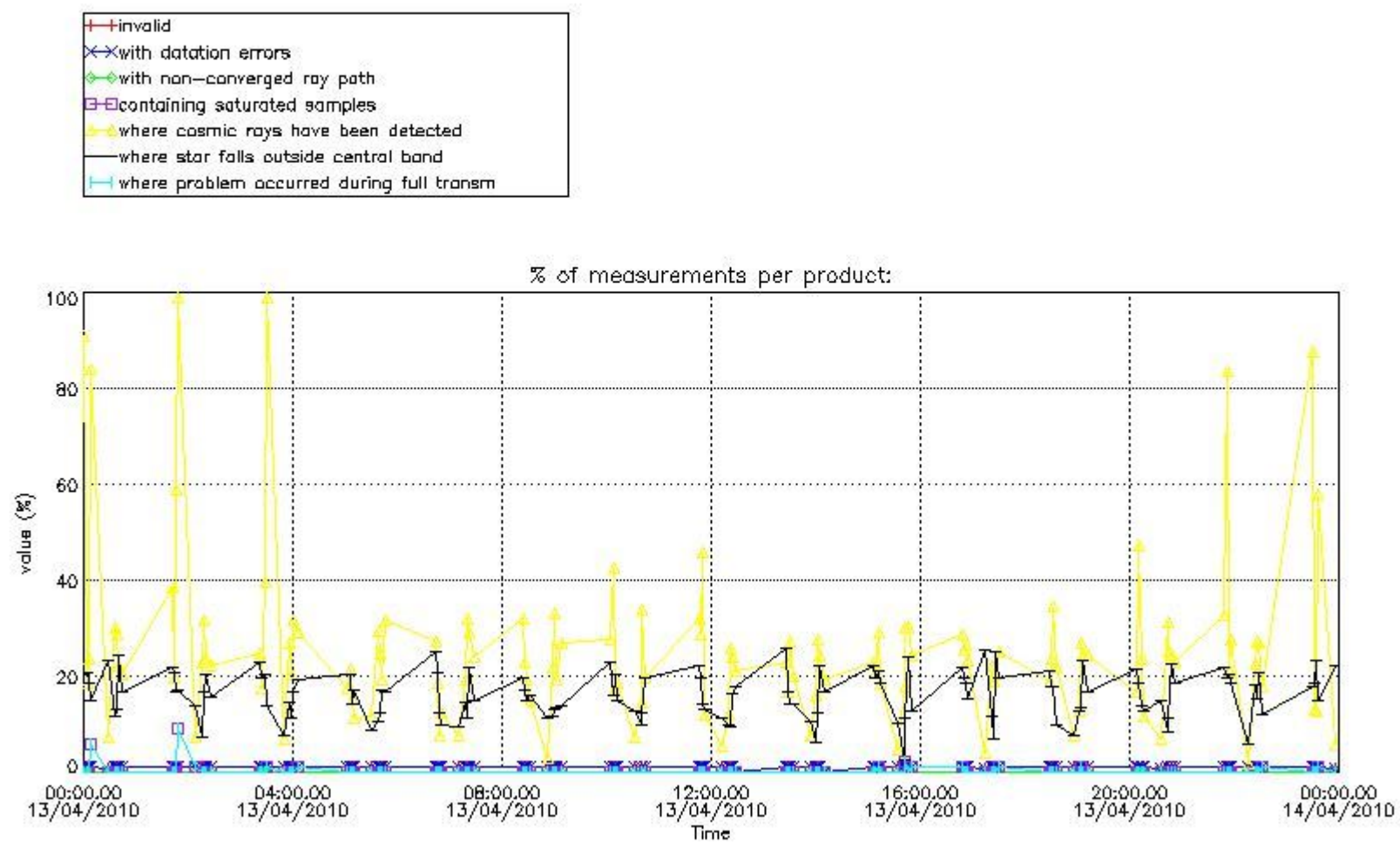


4. Level 1 quality information per product

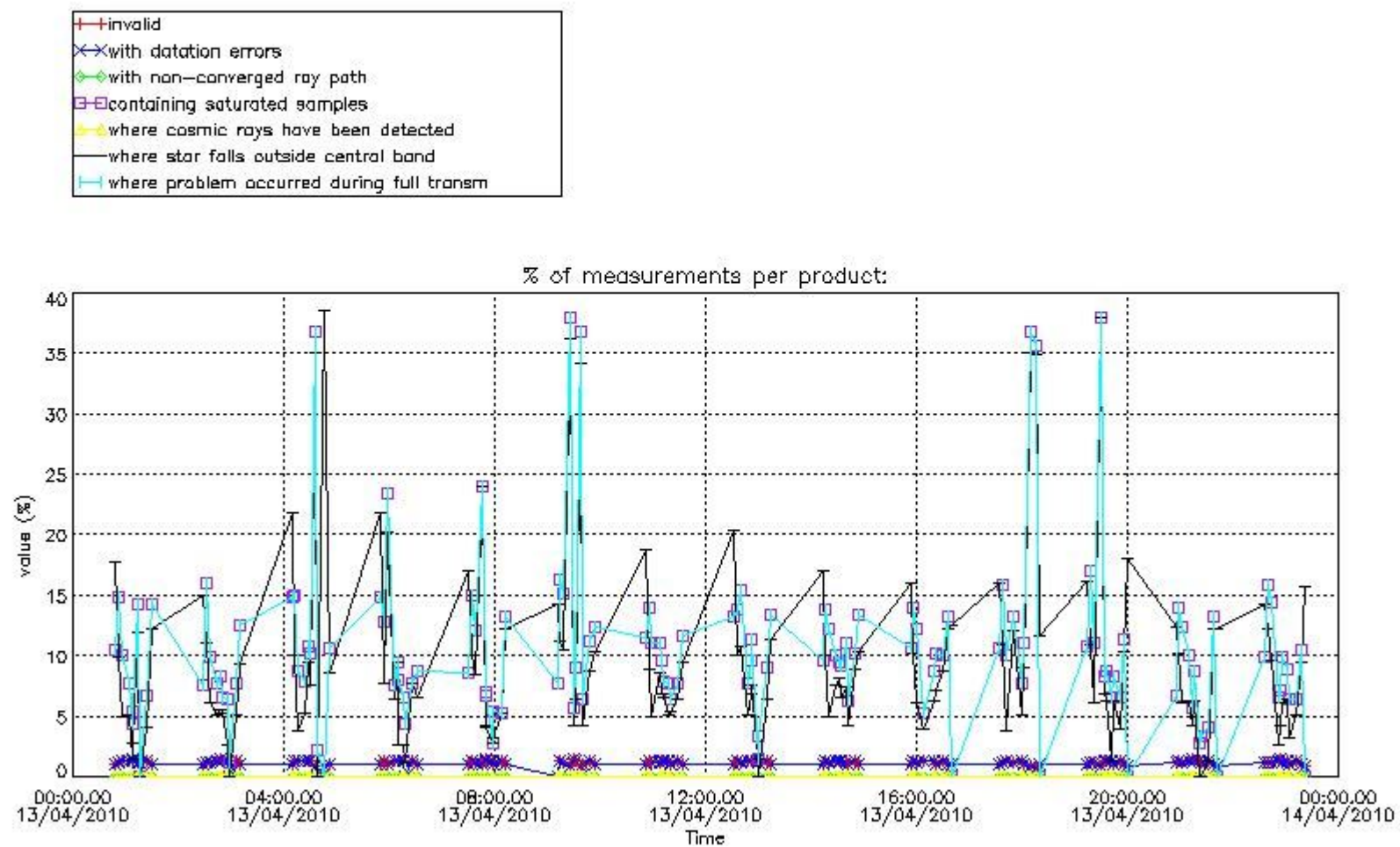
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

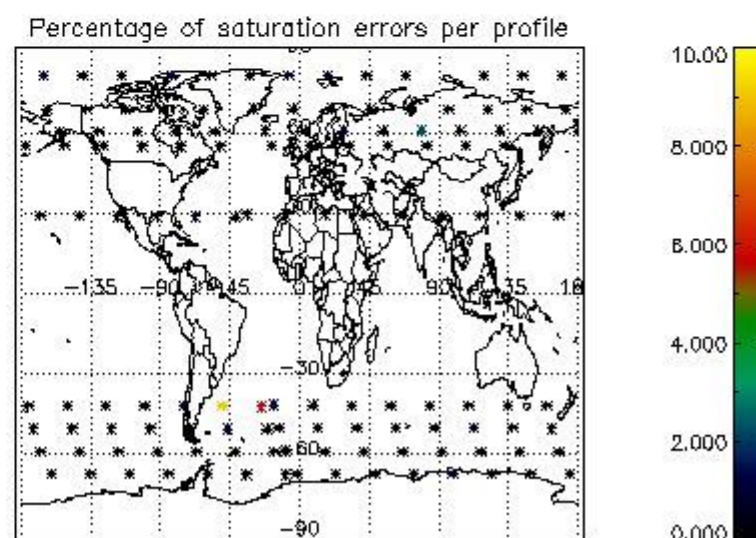
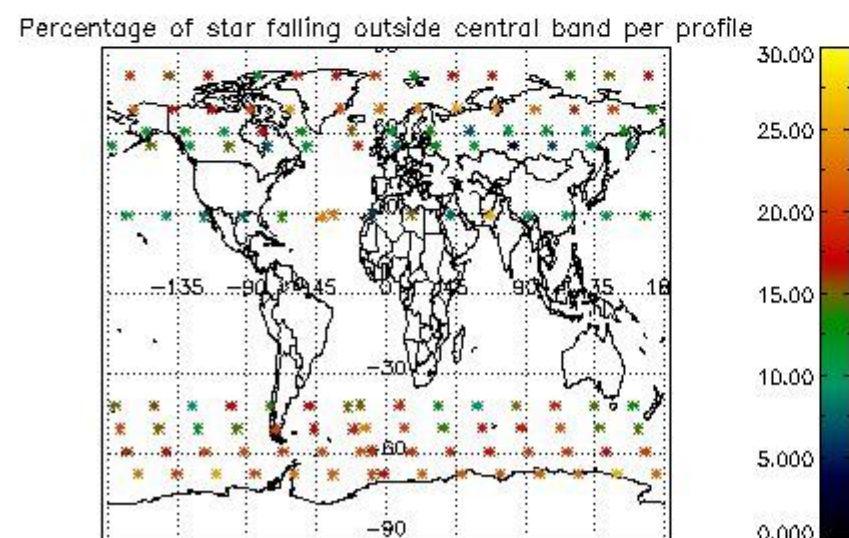
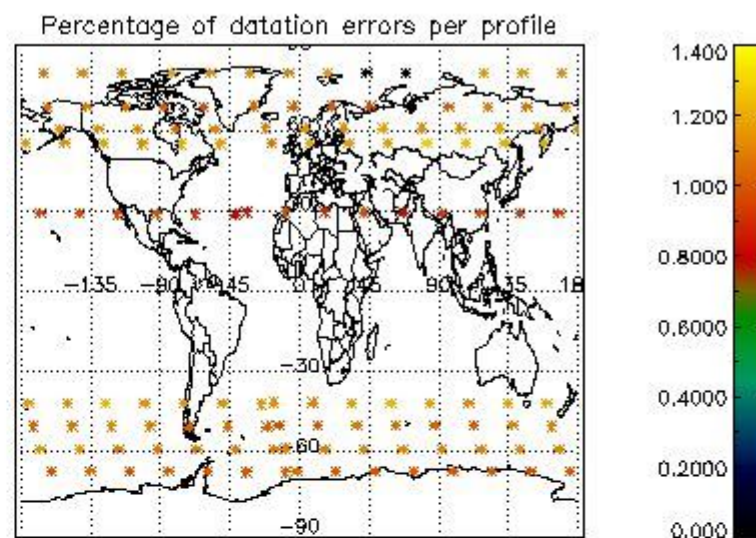
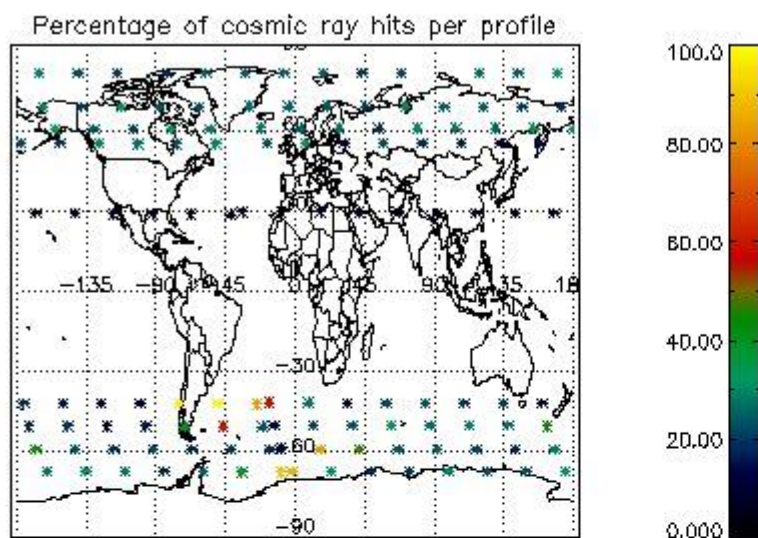
4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



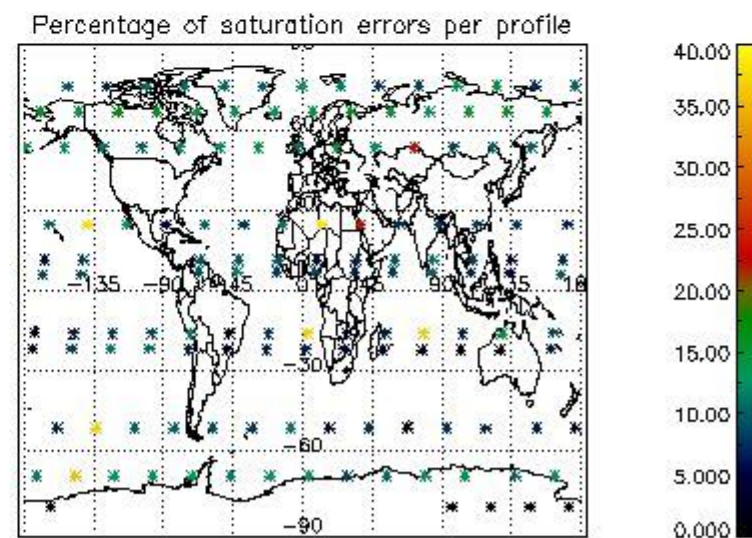
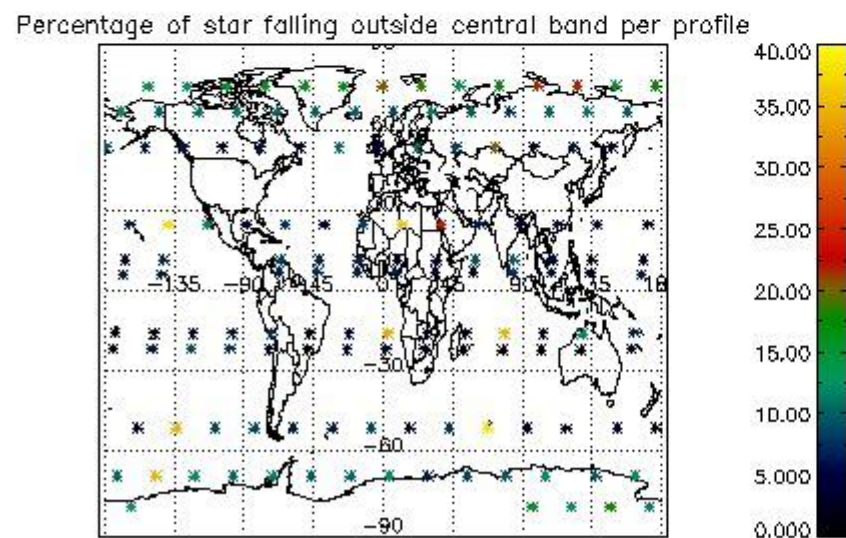
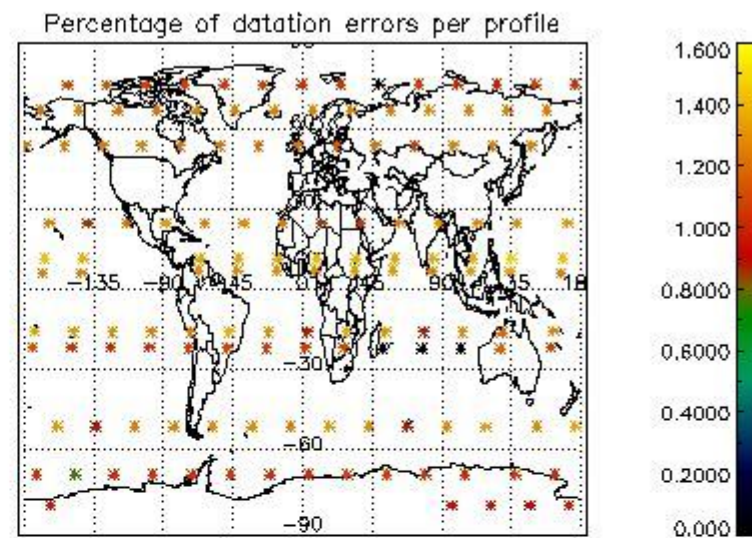
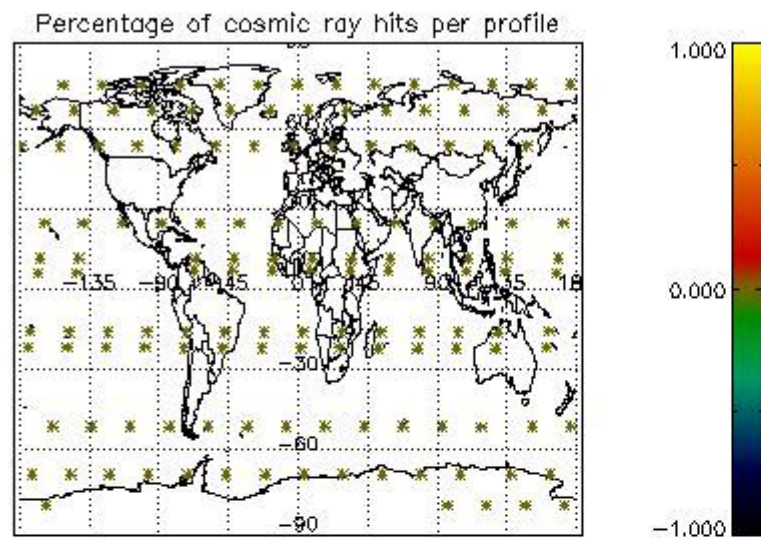
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

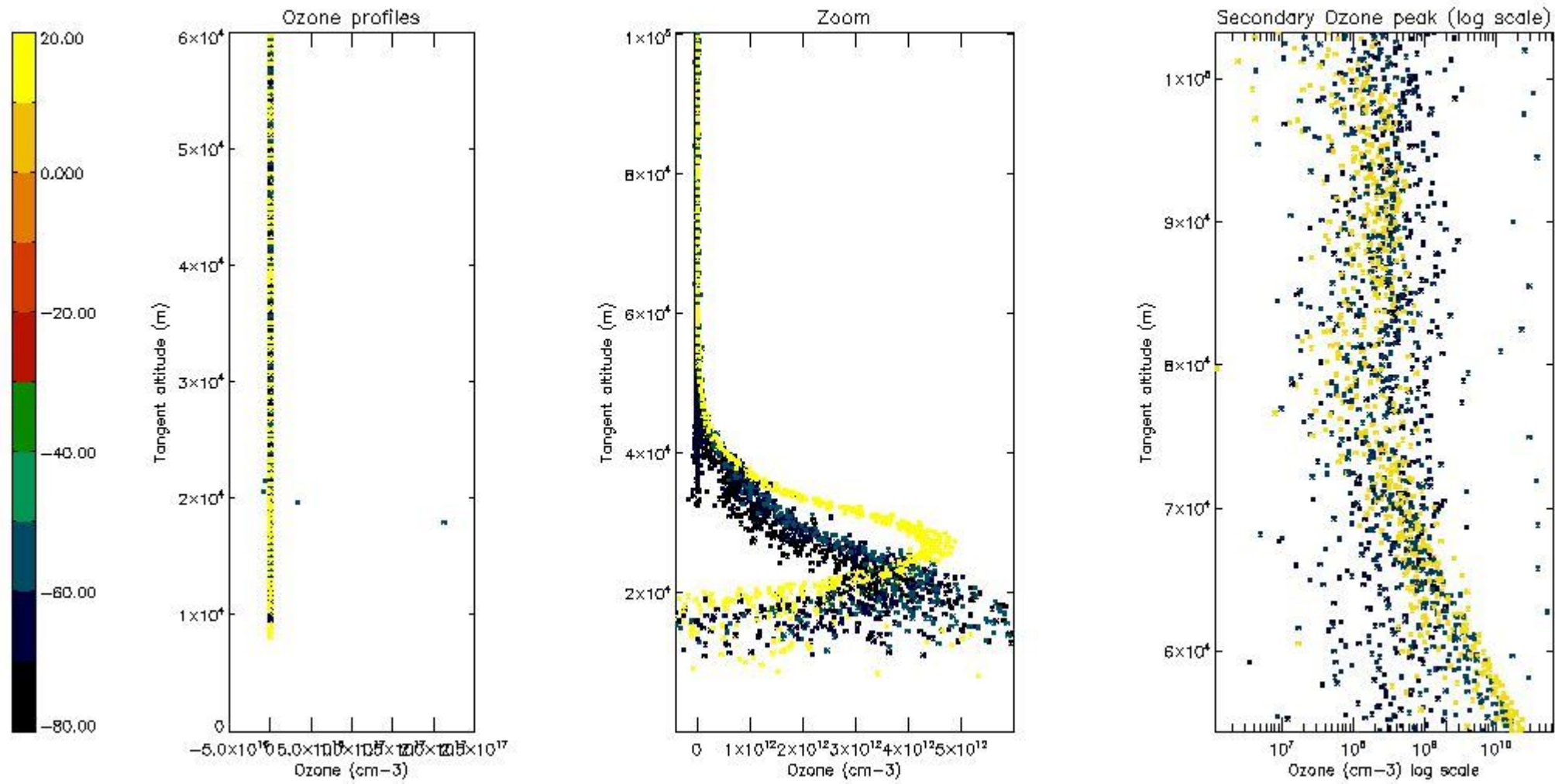
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	7

STD < 10	3
STD < 5	1

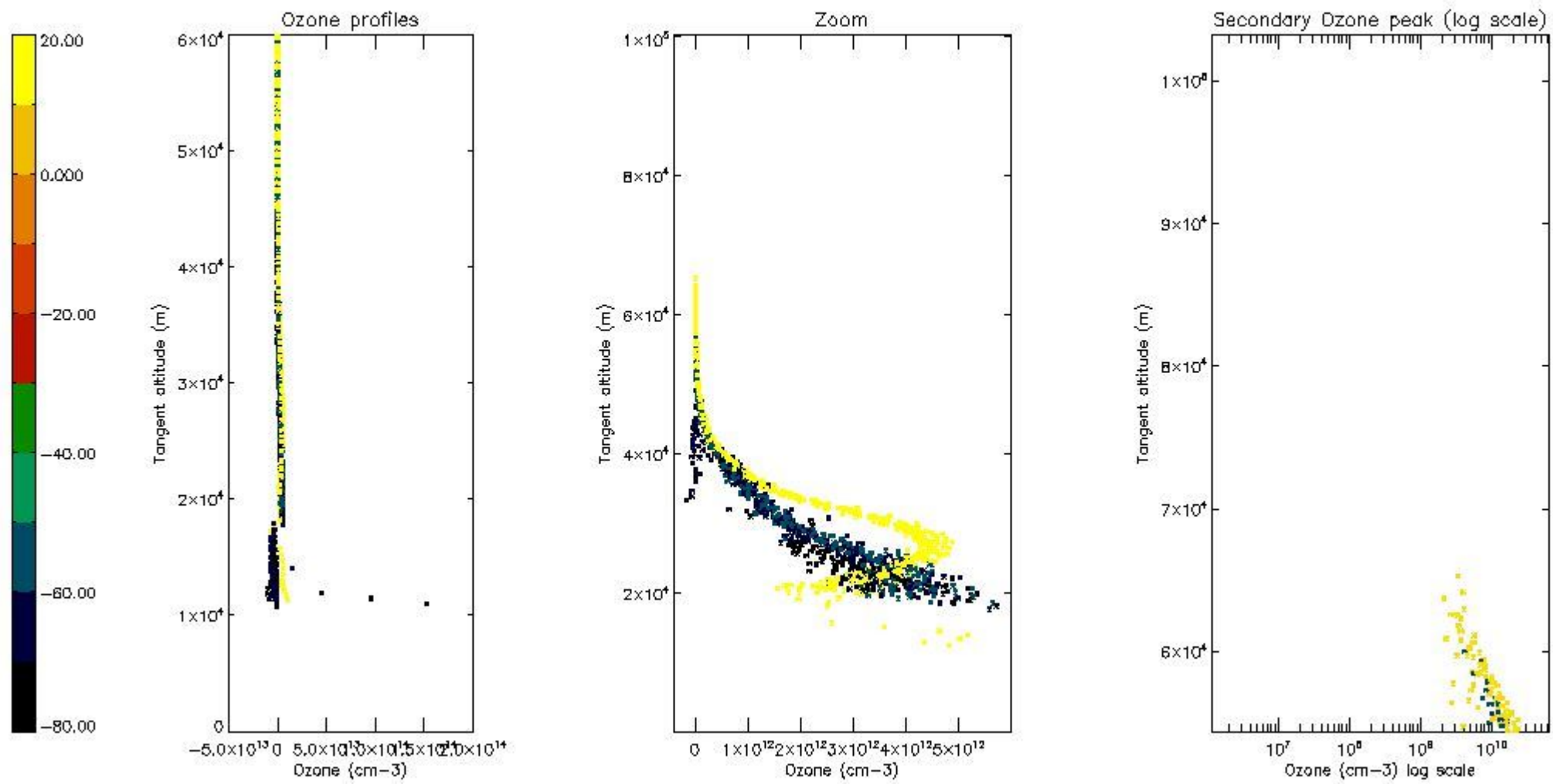
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



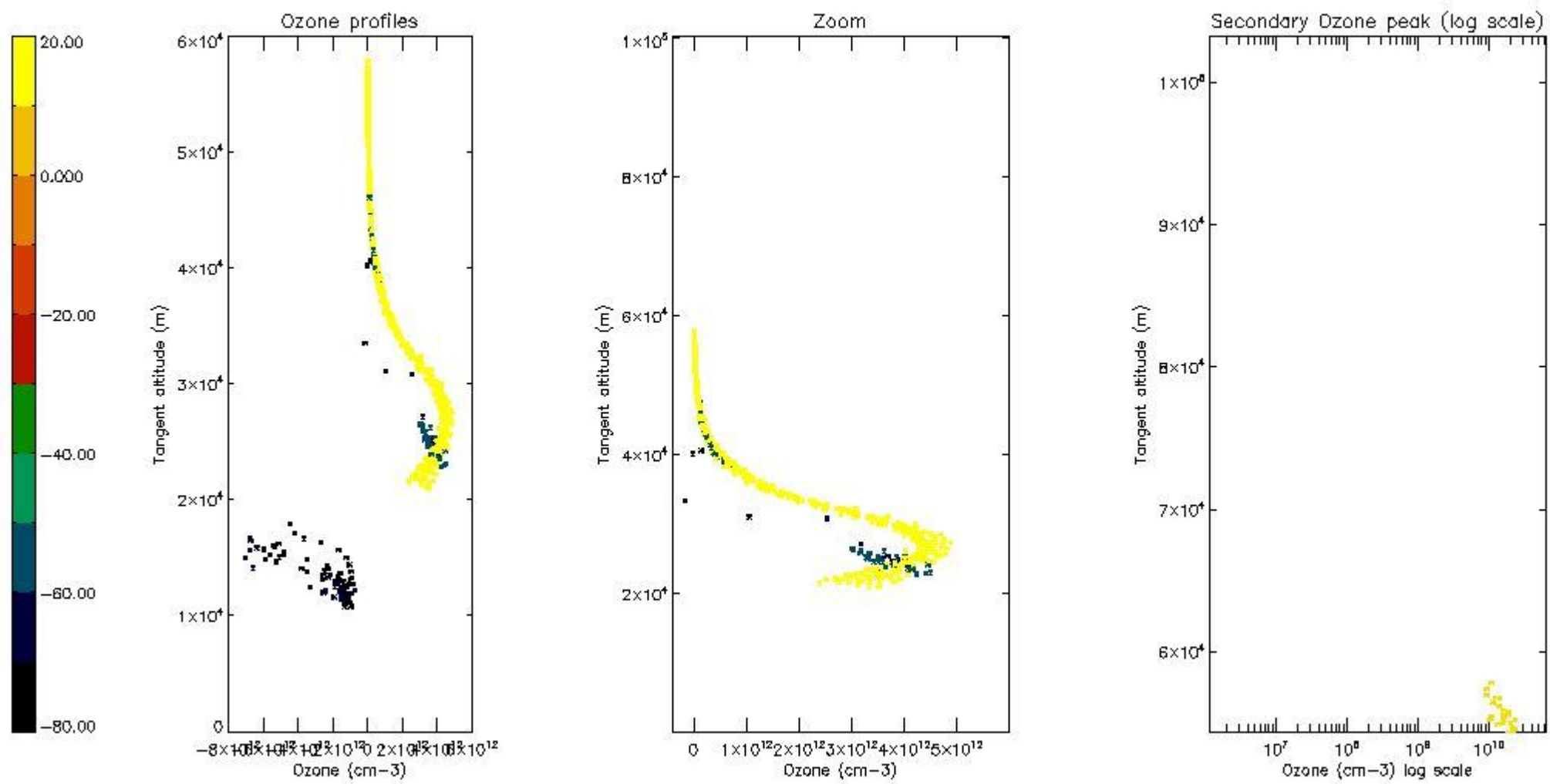
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



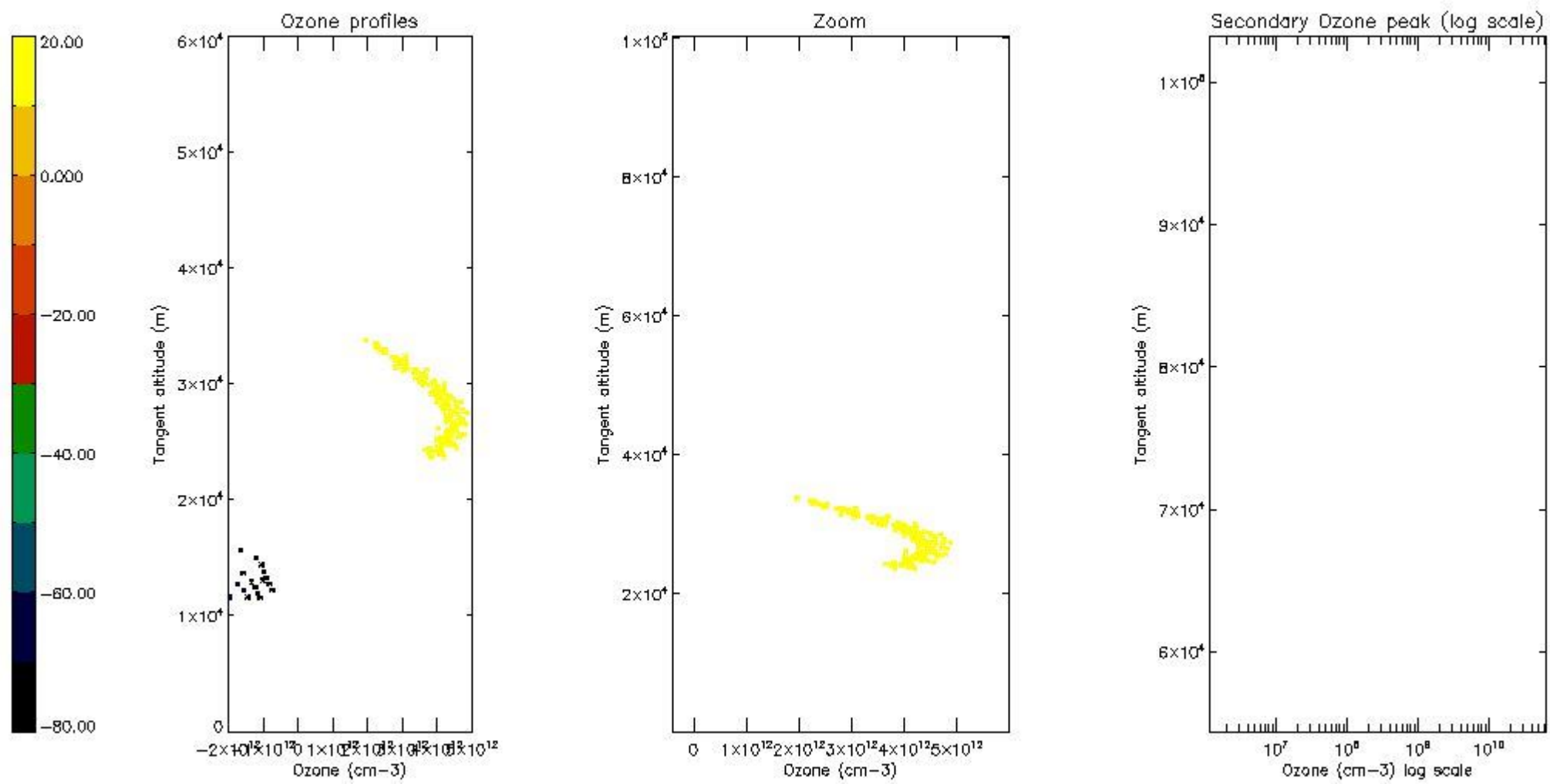
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



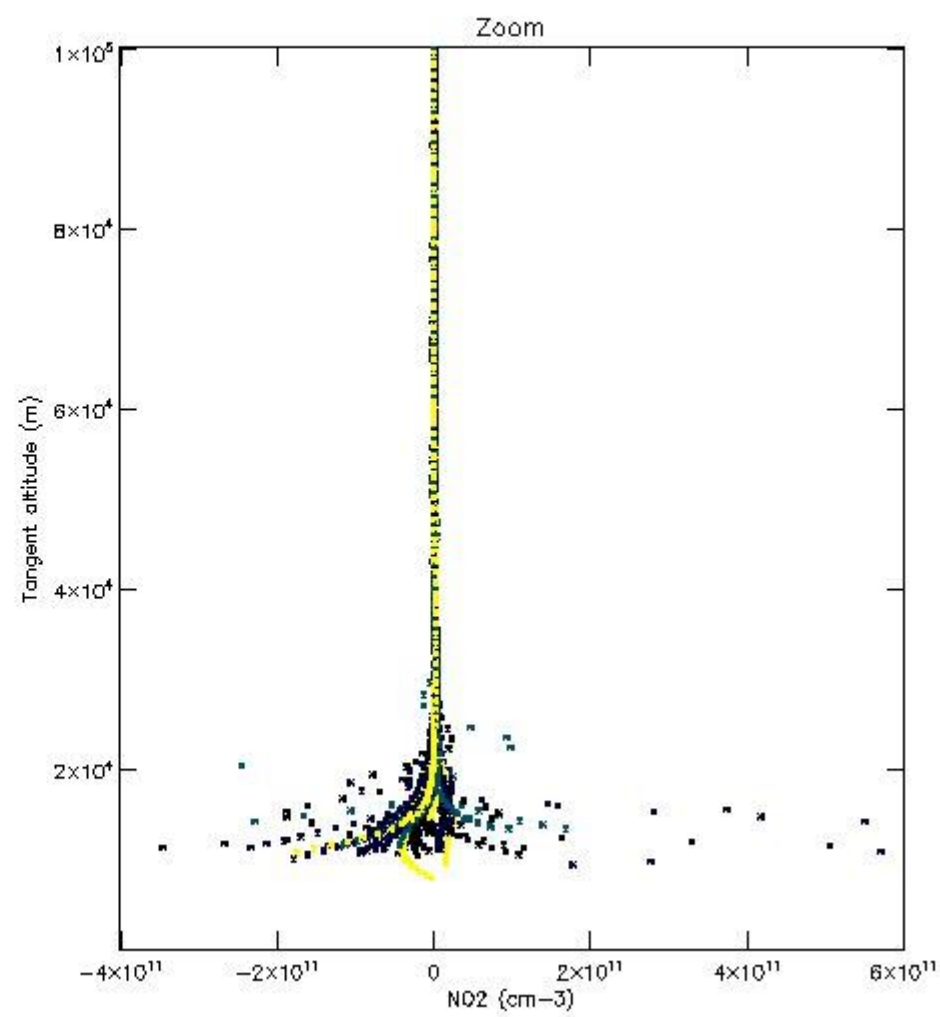
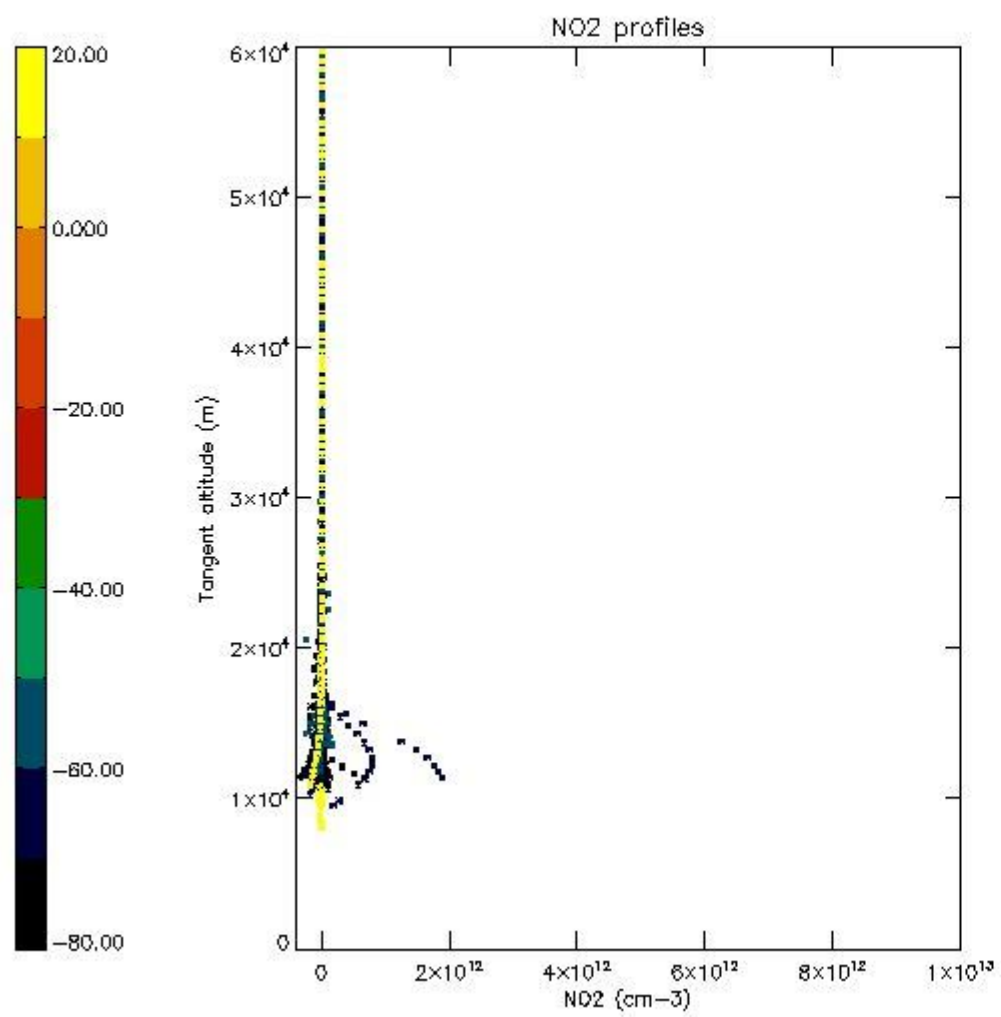
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



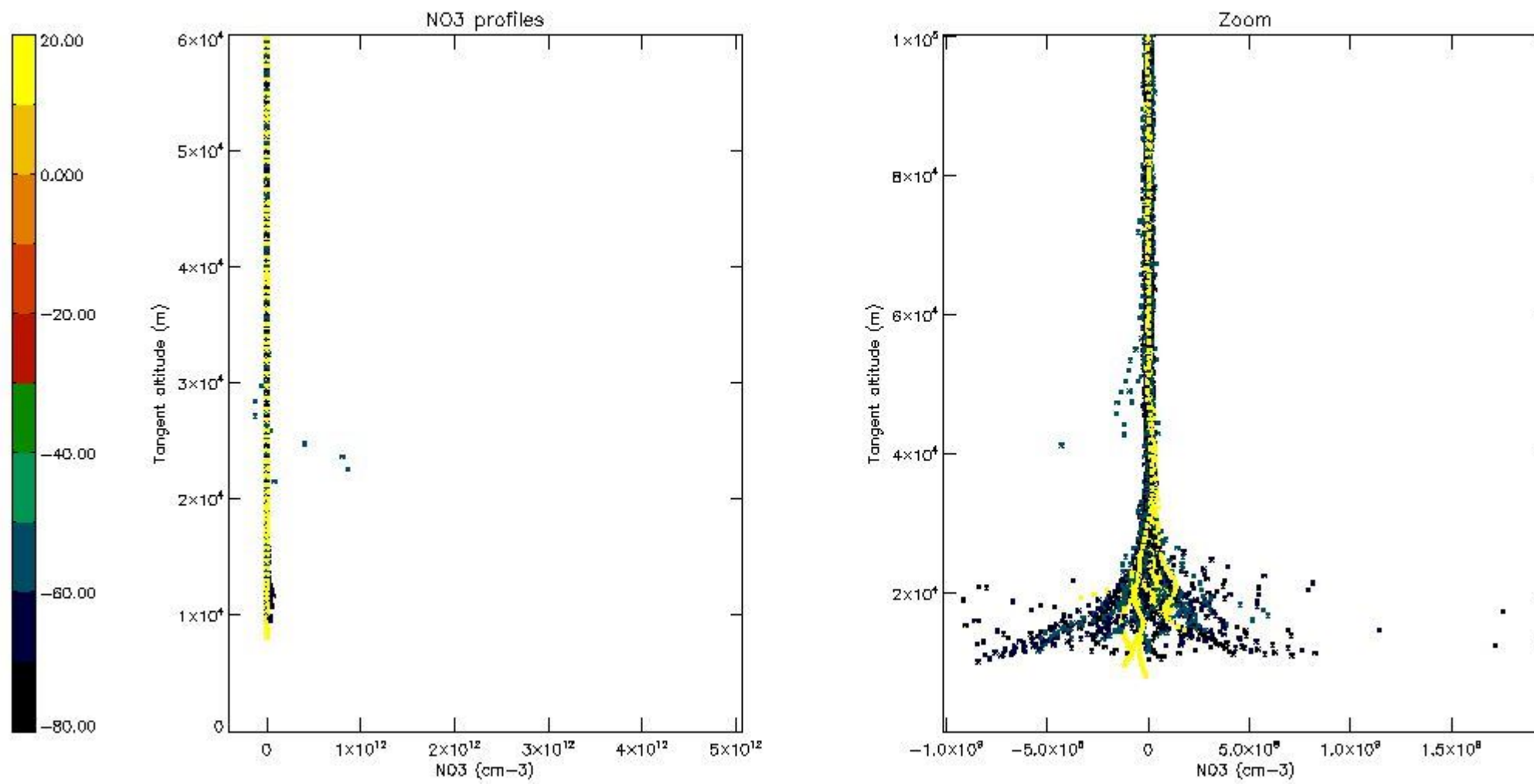
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	13-APR-2010 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-APR-2010 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-APR-2010 00:00:57

GOMOS Level 2 Daily Report

SUMMARY

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

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[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 \(world map\)](#)

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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 09:38:32
Data source version	GOMOS/6.01
Start time of products	13-04-2010 (13APR2010 00:00:00)
Stop time of products	14-04-2010 (14APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
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__2PRFIN20100413_000057_000000492088_00302_42440_4029.N1	13-APR-2010 00:00:57	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42440	No
2	GOM_NL__2PRFIN20100413_000325_000000462088_00302_42440_4030.N1	13-APR-2010 00:03:25	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42440	No
3	GOM_NL__2PRFIN20100413_000555_000000492088_00302_42440_4031.N1	13-APR-2010 00:05:55	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42440	No
4	GOM_NL__2PRFIN20100413_000820_000000442088_00302_42440_4032.N1	13-APR-2010 00:08:20	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42440	No
5	GOM_NL__2PRFIN20100413_002815_000000622088_00303_42441_4022.N1	13-APR-2010 00:28:15	Dark	62.000	40	The Sco	1.8590	7100.0	124	42441	No
6	GOM_NL__2PRFIN20100413_003544_000000432088_00303_42441_4023.N1	13-APR-2010 00:35:44	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42441	No
7	GOM_NL__2PRFIN20100413_003720_000000462088_00303_42441_4024.N1	13-APR-2010 00:37:20	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42441	No
8	GOM_NL__2PRFIN20100413_003946_000000522088_00303_42441_4025.N1	13-APR-2010 00:39:46	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42441	No
9	GOM_NL__2PRFIN20100413_004436_000000452088_00303_42441_4026.N1	13-APR-2010 00:44:36	Twilight_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42441	No
10	GOM_NL__2PRFIN20100413_004821_000000482088_00303_42441_4027.N1	13-APR-2010 00:48:21	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42441	No
11	GOM_NL__2PRFIN20100413_005125_000000412088_00303_42441_4028.N1	13-APR-2010 00:51:25	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42441	No
12	GOM_NL__2PRFIN20100413_005519_000000402088_00303_42441_4029.N1	13-APR-2010 00:55:19	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42441	No
13	GOM_NL__2PRFIN20100413_010332_000000392088_00303_42441_4030.N1	13-APR-2010 01:03:32	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42441	No
14	GOM_NL__2PRFIN20100413_010712_000000342088_00303_42441_4031.N1	13-APR-2010 01:07:12	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	42441	No
15	GOM_NL__2PRFIN20100413_010829_000000372088_00303_42441_4032.N1	13-APR-2010 01:08:29	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	42441	No
16	GOM_NL__2PRFIN20100413_011455_000000422088_00303_42441_4033.N1	13-APR-2010 01:14:55	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	42441	No
17	GOM_NL__2PRFIN20100413_011638_000000432088_00303_42441_4034.N1	13-APR-2010 01:16:38	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42441	No
18	GOM_NL__2PRFIN20100413_012456_000000382088_00303_42441_4035.N1	13-APR-2010 01:24:56	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42441	No
19	GOM_NL__2PRFIN20100413_013011_000000492088_00303_42441_4036.N1	13-APR-2010 01:30:11	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42441	No
20	GOM_NL__2PRFIN20100413_014133_000000512088_00303_42441_4037.N1	13-APR-2010 01:41:33	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42441	No
21	GOM_NL__2PRFIN20100413_014401_000000462088_00303_42441_4038.N1	13-APR-2010 01:44:01	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42441	No
22	GOM_NL__2PRFIN20100413_014631_000000482088_00303_42441_4039.N1	13-APR-2010 01:46:31	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42441	No
23	GOM_NL__2PRFIN20100413_014857_000000442088_00303_42441_4040.N1	13-APR-2010 01:48:57	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42441	No
24	GOM_NL__2PRFIN20100413_020852_000000552088_00304_42442_4030.N1	13-APR-2010 02:08:52	Dark	55.000	40	The Sco	1.8590	7100.0	110	42442	No
25	GOM_NL__2PRFIN20100413_021620_000000422088_00304_42442_4031.N1	13-APR-2010 02:16:20	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42442	No
26	GOM_NL__2PRFIN20100413_021756_000000482088_00304_42442_4032.N1	13-APR-2010 02:17:56	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42442	No
27	GOM_NL__2PRFIN20100413_022023_000000492088_00304_42442_4033.N1	13-APR-2010 02:20:23	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42442	No
28	GOM_NL__2PRFIN20100413_022512_000000452088_00304_42442_4034.N1	13-APR-2010 02:25:12	Twilight_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42442	No
29	GOM_NL__2PRFIN20100413_022856_000000472088_00304_42442_4035.N1	13-APR-2010 02:28:56	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42442	No
30	GOM_NL__2PRFIN20100413_023201_000000412088_00304_42442_4036.N1	13-APR-2010 02:32:01	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42442	No
31	GOM_NL__2PRFIN20100413_023555_000000412088_00304_42442_4037.N1	13-APR-2010 02:35:55	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42442	No
32	GOM_NL__2PRFIN20100413_024407_000000392088_00304_42442_4038.N1	13-APR-2010 02:44:07	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42442	No
33	GOM_NL__2PRFIN20100413_024748_000000362088_00304_42442_4039.N1	13-APR-2010 02:47:48	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42442	No
34	GOM_NL__2PRFIN20100413_024905_000000382088_00304_42442_4040.N1	13-APR-2010 02:49:05	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42442	No
35	GOM_NL__2PRFIN20100413_025530_000000392088_00304_42442_4041.N1	13-APR-2010 02:55:30	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42442	No
36	GOM_NL__2PRFIN20100413_025714_000000452088_00304_42442_4042.N1	13-APR-2010 02:57:14	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42442	No
37	GOM_NL__2PRFIN20100413_030531_000000392088_00304_42442_4043.N1	13-APR-2010 03:05:31	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42442	No
38	GOM_NL__2PRFIN20100413_031047_000000482088_00304_42442_4044.N1	13-APR-2010 03:10:47	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42442	No
39	GOM_NL__2PRFIN20100413_032210_000000512088_00304_42442_4045.N1	13-APR-2010 03:22:10	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42442	No
40	GOM_NL__2PRFIN20100413_032438_000000462088_00304_42442_4046.N1	13-APR-2010 03:24:38	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42442	No
41	GOM_NL__2PRFIN20100413_032708_000000492088_00304_42442_4047.N1	13-APR-2010 03:27:08	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42442	No
42	GOM_NL__2PRFIN20100413_032934_000000432088_00304_42442_4048.N1	13-APR-2010 03:29:34	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42442	No

43	GOM_NL__2PRFIN20100413_034929_000000522088_00305_42443_4038.N1	13-APR-2010 03:49:29	Dark	51.500	40	The Sco	1.8590	7100.0	103	42443	No
44	GOM_NL__2PRFIN20100413_035657_000000452088_00305_42443_4039.N1	13-APR-2010 03:56:57	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42443	No
45	GOM_NL__2PRFIN20100413_035833_000000452088_00305_42443_4040.N1	13-APR-2010 03:58:33	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42443	No
46	GOM_NL__2PRFIN20100413_040058_000000482088_00305_42443_4041.N1	13-APR-2010 04:00:58	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42443	No
47	GOM_NL__2PRFIN20100413_040549_000000472088_00305_42443_4042.N1	13-APR-2010 04:05:49	Twi_and_stray	46.500	169	46Gam Hya	2.9910	4700.0	93	42443	No
48	GOM_NL__2PRFIN20100413_040932_000000512088_00305_42443_4043.N1	13-APR-2010 04:09:32	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42443	No
49	GOM_NL__2PRFIN20100413_041237_000000402088_00305_42443_4044.N1	13-APR-2010 04:12:37	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42443	No
50	GOM_NL__2PRFIN20100413_041631_000000402088_00305_42443_4045.N1	13-APR-2010 04:16:31	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42443	No
51	GOM_NL__2PRFIN20100413_042443_000000392088_00305_42443_4046.N1	13-APR-2010 04:24:43	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42443	No
52	GOM_NL__2PRFIN20100413_042824_000000372088_00305_42443_4047.N1	13-APR-2010 04:28:24	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42443	No
53	GOM_NL__2PRFIN20100413_042940_000000402088_00305_42443_4048.N1	13-APR-2010 04:29:40	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42443	No
54	GOM_NL__2PRFIN20100413_043606_000000572088_00305_42443_4049.N1	13-APR-2010 04:36:06	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42443	No
55	GOM_NL__2PRFIN20100413_043749_000000452088_00305_42443_4050.N1	13-APR-2010 04:37:49	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42443	No
56	GOM_NL__2PRFIN20100413_044607_000000572088_00305_42443_4051.N1	13-APR-2010 04:46:07	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	42443	No
57	GOM_NL__2PRFIN20100413_045123_000000472088_00305_42443_4052.N1	13-APR-2010 04:51:23	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42443	No
58	GOM_NL__2PRFIN20100413_050246_000000492088_00305_42443_4053.N1	13-APR-2010 05:02:46	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42443	No
59	GOM_NL__2PRFIN20100413_050514_000000472088_00305_42443_4054.N1	13-APR-2010 05:05:14	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42443	No
60	GOM_NL__2PRFIN20100413_050745_000000462088_00305_42443_4055.N1	13-APR-2010 05:07:45	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42443	No
61	GOM_NL__2PRFIN20100413_051010_000000442088_00305_42443_4056.N1	13-APR-2010 05:10:10	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42443	No
62	GOM_NL__2PRFIN20100413_053006_000000522088_00306_42444_4046.N1	13-APR-2010 05:30:06	Dark	52.000	40	The Sco	1.8590	7100.0	104	42444	No
63	GOM_NL__2PRFIN20100413_053733_000000432088_00306_42444_4047.N1	13-APR-2010 05:37:33	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42444	No
64	GOM_NL__2PRFIN20100413_053909_000000452088_00306_42444_4048.N1	13-APR-2010 05:39:09	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42444	No
65	GOM_NL__2PRFIN20100413_054135_000000472088_00306_42444_4049.N1	13-APR-2010 05:41:35	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42444	No
66	GOM_NL__2PRFIN20100413_054625_000000452088_00306_42444_4050.N1	13-APR-2010 05:46:25	Twi_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42444	No
67	GOM_NL__2PRFIN20100413_055009_000000512088_00306_42444_4051.N1	13-APR-2010 05:50:09	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42444	No
68	GOM_NL__2PRFIN20100413_055313_000000392088_00306_42444_4052.N1	13-APR-2010 05:53:13	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42444	No
69	GOM_NL__2PRFIN20100413_055707_000000472088_00306_42444_4053.N1	13-APR-2010 05:57:07	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	42444	No
70	GOM_NL__2PRFIN20100413_060518_000000402088_00306_42444_4054.N1	13-APR-2010 06:05:18	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42444	No
71	GOM_NL__2PRFIN20100413_060900_000000372088_00306_42444_4055.N1	13-APR-2010 06:09:00	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42444	No
72	GOM_NL__2PRFIN20100413_061016_000000382088_00306_42444_4056.N1	13-APR-2010 06:10:16	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42444	No
73	GOM_NL__2PRFIN20100413_061642_000000382088_00306_42444_4057.N1	13-APR-2010 06:16:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42444	No
74	GOM_NL__2PRFIN20100413_061824_000000462088_00306_42444_4058.N1	13-APR-2010 06:18:24	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42444	No
75	GOM_NL__2PRFIN20100413_062643_000000392088_00306_42444_4059.N1	13-APR-2010 06:26:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42444	No
76	GOM_NL__2PRFIN20100413_063159_000000462088_00306_42444_4060.N1	13-APR-2010 06:31:59	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42444	No
77	GOM_NL__2PRFIN20100413_064323_000000522088_00306_42444_4061.N1	13-APR-2010 06:43:23	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42444	No
78	GOM_NL__2PRFIN20100413_064551_000000462088_00306_42444_4062.N1	13-APR-2010 06:45:51	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42444	No
79	GOM_NL__2PRFIN20100413_064821_000000452088_00306_42444_4063.N1	13-APR-2010 06:48:21	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42444	No
80	GOM_NL__2PRFIN20100413_065047_000000412088_00306_42444_4064.N1	13-APR-2010 06:50:47	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42444	No
81	GOM_NL__2PRFIN20100413_071043_000000522088_00307_42445_4074.N1	13-APR-2010 07:10:43	Dark	52.000	40	The Sco	1.8590	7100.0	104	42445	No
82	GOM_NL__2PRFIN20100413_071810_000000452088_00307_42445_4075.N1	13-APR-2010 07:18:10	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42445	No
83	GOM_NL__2PRFIN20100413_071946_000000442088_00307_42445_4076.N1	13-APR-2010 07:19:46	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42445	No
84	GOM_NL__2PRFIN20100413_072212_000000482088_00307_42445_4077.N1	13-APR-2010 07:22:12	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42445	No
85	GOM_NL__2PRFIN20100413_072701_000000442088_00307_42445_4078.N1	13-APR-2010 07:27:01	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42445	No
86	GOM_NL__2PRFIN20100413_073045_000000472088_00307_42445_4079.N1	13-APR-2010 07:30:45	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42445	No
87	GOM_NL__2PRFIN20100413_073349_000000402088_00307_42445_4080.N1	13-APR-2010 07:33:49	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42445	No
88	GOM_NL__2PRFIN20100413_073742_000000422088_00307_42445_4081.N1	13-APR-2010 07:37:42	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42445	No
89	GOM_NL__2PRFIN20100413_074554_000000482088_00307_42445_4082.N1	13-APR-2010 07:45:54	Bright	48.000	152	12Alp2CVn	2.8900	11000.	96	42445	No
90	GOM_NL__2PRFIN20100413_074936_000000362088_00307_42445_4083.N1	13-APR-2010 07:49:36	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42445	No
91	GOM_NL__2PRFIN20100413_075052_000000382088_00307_42445_4084.N1	13-APR-2010 07:50:52	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42445	No
92	GOM_NL__2PRFIN20100413_075718_000000372088_00307_42445_4085.N1	13-APR-2010 07:57:18	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42445	No
93	GOM_NL__2PRFIN20100413_075859_000000462088_00307_42445_4086.N1	13-APR-2010 07:58:59	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42445	No
94	GOM_NL__2PRFIN20100413_080719_000000382088_00307_42445_4087.N1	13-APR-2010 08:07:19	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42445	No
95	GOM_NL__2PRFIN20100413_081235_000000492088_00307_42445_4088.N1	13-APR-2010 08:12:35	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42445	No
96	GOM_NL__2PRFIN20100413_082359_000000492088_00307_42445_4089.N1	13-APR-2010 08:23:59	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	42445	No
97	GOM_NL__2PRFIN20100413_082627_000000442088_00307_42445_4090.N1	13-APR-2010 08:26:27	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42445	No
98	GOM_NL__2PRFIN20100413_082858_000000472088_00307_42445_4091.N1	13-APR-2010 08:28:58	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42445	No
99	GOM_NL__2PRFIN20100413_083123_000000442088_00307_42445_4092.N1	13-APR-2010 08:31:23	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42445	No
100	GOM_NL__2PRFIN20100413_085120_000000532088_00308_42446_4192.N1	13-APR-2010 08:51:20	Dark	53.000	40	The Sco	1.8590	7100.0	106	42446	No
101	GOM_NL__2PRFIN20100413_085846_000000442088_00308_42446_4193.N1	13-APR-2010 08:58:46	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42446	No

102	GOM_NL__2PRFIN20100413_090022_000000462088_00308_42446_4194.N1	13-APR-2010 09:00:22	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42446	No
103	GOM_NL__2PRFIN20100413_090248_000000452088_00308_42446_4195.N1	13-APR-2010 09:02:48	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42446	No
104	GOM_NL__2PRFIN20100413_090737_000000432088_00308_42446_4196.N1	13-APR-2010 09:07:37	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42446	No
105	GOM_NL__2PRFIN20100413_091120_000000462088_00308_42446_4197.N1	13-APR-2010 09:11:20	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42446	No
106	GOM_NL__2PRFIN20100413_091425_000000402088_00308_42446_4198.N1	13-APR-2010 09:14:25	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42446	No
107	GOM_NL__2PRFIN20100413_091818_000000432088_00308_42446_4199.N1	13-APR-2010 09:18:18	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42446	No
108	GOM_NL__2PRFIN20100413_092630_000000582088_00308_42446_4200.N1	13-APR-2010 09:26:30	Bright	58.000	152	12Alp2CVn	2.8900	11000.	116	42446	No
109	GOM_NL__2PRFIN20100413_093012_000000362088_00308_42446_4201.N1	13-APR-2010 09:30:12	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42446	No
110	GOM_NL__2PRFIN20100413_093127_000000392088_00308_42446_4202.N1	13-APR-2010 09:31:27	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42446	No
111	GOM_NL__2PRFIN20100413_093753_000000572088_00308_42446_4203.N1	13-APR-2010 09:37:53	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42446	No
112	GOM_NL__2PRFIN20100413_093935_000000472088_00308_42446_4204.N1	13-APR-2010 09:39:35	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42446	No
113	GOM_NL__2PRFIN20100413_094755_000000402088_00308_42446_4205.N1	13-APR-2010 09:47:55	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42446	No
114	GOM_NL__2PRFIN20100413_095310_000000492088_00308_42446_4206.N1	13-APR-2010 09:53:10	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42446	No
115	GOM_NL__2PRFIN20100413_100435_000000512088_00308_42446_4207.N1	13-APR-2010 10:04:35	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42446	No
116	GOM_NL__2PRFIN20100413_100703_000000442088_00308_42446_4208.N1	13-APR-2010 10:07:03	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42446	No
117	GOM_NL__2PRFIN20100413_100934_000000492088_00308_42446_4209.N1	13-APR-2010 10:09:34	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42446	No
118	GOM_NL__2PRFIN20100413_101159_000000442088_00308_42446_4210.N1	13-APR-2010 10:11:59	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42446	No
119	GOM_NL__2PRFIN20100413_103157_000000552088_00309_42447_4307.N1	13-APR-2010 10:31:57	Dark	54.500	40	The Sco	1.8590	7100.0	109	42447	No
120	GOM_NL__2PRFIN20100413_103922_000000422088_00309_42447_4308.N1	13-APR-2010 10:39:22	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42447	No
121	GOM_NL__2PRFIN20100413_104058_000000452088_00309_42447_4309.N1	13-APR-2010 10:40:58	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42447	No
122	GOM_NL__2PRFIN20100413_104324_000000482088_00309_42447_4310.N1	13-APR-2010 10:43:24	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42447	No
123	GOM_NL__2PRFIN20100413_105156_000000482088_00309_42447_4311.N1	13-APR-2010 10:51:56	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42447	No
124	GOM_NL__2PRFIN20100413_105500_000000402088_00309_42447_4312.N1	13-APR-2010 10:55:00	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42447	No
125	GOM_NL__2PRFIN20100413_105854_000000412088_00309_42447_4313.N1	13-APR-2010 10:58:54	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42447	No
126	GOM_NL__2PRFIN20100413_110705_000000412088_00309_42447_4314.N1	13-APR-2010 11:07:05	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42447	No
127	GOM_NL__2PRFIN20100413_111048_000000372088_00309_42447_4315.N1	13-APR-2010 11:10:48	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42447	No
128	GOM_NL__2PRFIN20100413_111203_000000392088_00309_42447_4316.N1	13-APR-2010 11:12:03	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42447	No
129	GOM_NL__2PRFIN20100413_111829_000000392088_00309_42447_4317.N1	13-APR-2010 11:18:29	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42447	No
130	GOM_NL__2PRFIN20100413_112010_000000472088_00309_42447_4318.N1	13-APR-2010 11:20:10	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42447	No
131	GOM_NL__2PRFIN20100413_112830_000000392088_00309_42447_4319.N1	13-APR-2010 11:28:30	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42447	No
132	GOM_NL__2PRFIN20100413_113346_000000482088_00309_42447_4320.N1	13-APR-2010 11:33:46	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42447	No
133	GOM_NL__2PRFIN20100413_114511_000000502088_00309_42447_4321.N1	13-APR-2010 11:45:11	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42447	No
134	GOM_NL__2PRFIN20100413_114739_000000462088_00309_42447_4322.N1	13-APR-2010 11:47:39	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42447	No
135	GOM_NL__2PRFIN20100413_115010_000000462088_00309_42447_4323.N1	13-APR-2010 11:50:10	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42447	No
136	GOM_NL__2PRFIN20100413_115236_000000422088_00309_42447_4324.N1	13-APR-2010 11:52:36	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42447	No
137	GOM_NL__2PRFIN20100413_121234_000000542088_00310_42448_4317.N1	13-APR-2010 12:12:34	Dark	54.000	40	The Sco	1.8590	7100.0	108	42448	No
138	GOM_NL__2PRFIN20100413_121958_000000422088_00310_42448_4318.N1	13-APR-2010 12:19:58	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42448	No
139	GOM_NL__2PRFIN20100413_122135_000000432088_00310_42448_4319.N1	13-APR-2010 12:21:35	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42448	No
140	GOM_NL__2PRFIN20100413_122400_000000462088_00310_42448_4320.N1	13-APR-2010 12:24:00	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42448	No
141	GOM_NL__2PRFIN20100413_122849_000000452088_00310_42448_4321.N1	13-APR-2010 12:28:49	Tw_i_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42448	No
142	GOM_NL__2PRFIN20100413_123232_000000492088_00310_42448_4322.N1	13-APR-2010 12:32:32	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42448	No
143	GOM_NL__2PRFIN20100413_123536_000000402088_00310_42448_4323.N1	13-APR-2010 12:35:36	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42448	No
144	GOM_NL__2PRFIN20100413_123930_000000422088_00310_42448_4324.N1	13-APR-2010 12:39:30	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42448	No
145	GOM_NL__2PRFIN20100413_124740_000000392088_00310_42448_4325.N1	13-APR-2010 12:47:40	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42448	No
146	GOM_NL__2PRFIN20100413_125124_000000372088_00310_42448_4326.N1	13-APR-2010 12:51:24	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42448	No
147	GOM_NL__2PRFIN20100413_125238_000000402088_00310_42448_4327.N1	13-APR-2010 12:52:38	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42448	No
148	GOM_NL__2PRFIN20100413_125904_000000362088_00310_42448_4328.N1	13-APR-2010 12:59:04	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42448	No
149	GOM_NL__2PRFIN20100413_130045_000000462088_00310_42448_4329.N1	13-APR-2010 13:00:45	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42448	No
150	GOM_NL__2PRFIN20100413_130906_000000392088_00310_42448_4330.N1	13-APR-2010 13:09:06	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42448	No
151	GOM_NL__2PRFIN20100413_131422_000000492088_00310_42448_4331.N1	13-APR-2010 13:14:22	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42448	No
152	GOM_NL__2PRFIN20100413_132548_000000532088_00310_42448_4332.N1	13-APR-2010 13:25:48	Twilight	52.500	61	8Eps Peg	2.1000	3900.0	105	42448	No
153	GOM_NL__2PRFIN20100413_132816_000000452088_00310_42448_4333.N1	13-APR-2010 13:28:16	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42448	No
154	GOM_NL__2PRFIN20100413_133047_000000462088_00310_42448_4334.N1	13-APR-2010 13:30:47	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42448	No
155	GOM_NL__2PRFIN20100413_133312_000000432088_00310_42448_4335.N1	13-APR-2010 13:33:12	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42448	No
156	GOM_NL__2PRFIN20100413_135311_000000522088_00311_42449_4327.N1	13-APR-2010 13:53:11	Dark	52.000	40	The Sco	1.8590	7100.0	104	42449	No
157	GOM_NL__2PRFIN20100413_140035_000000412088_00311_42449_4328.N1	13-APR-2010 14:00:35	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42449	No
158	GOM_NL__2PRFIN20100413_140211_000000452088_00311_42449_4329.N1	13-APR-2010 14:02:11	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42449	No
159	GOM_NL__2PRFIN20100413_140437_000000502088_00311_42449_4330.N1	13-APR-2010 14:04:37	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42449	No
160	GOM_NL__2PRFIN20100413_140925_000000452088_00311_42449_4331.N1	13-APR-2010 14:09:25	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42449	No

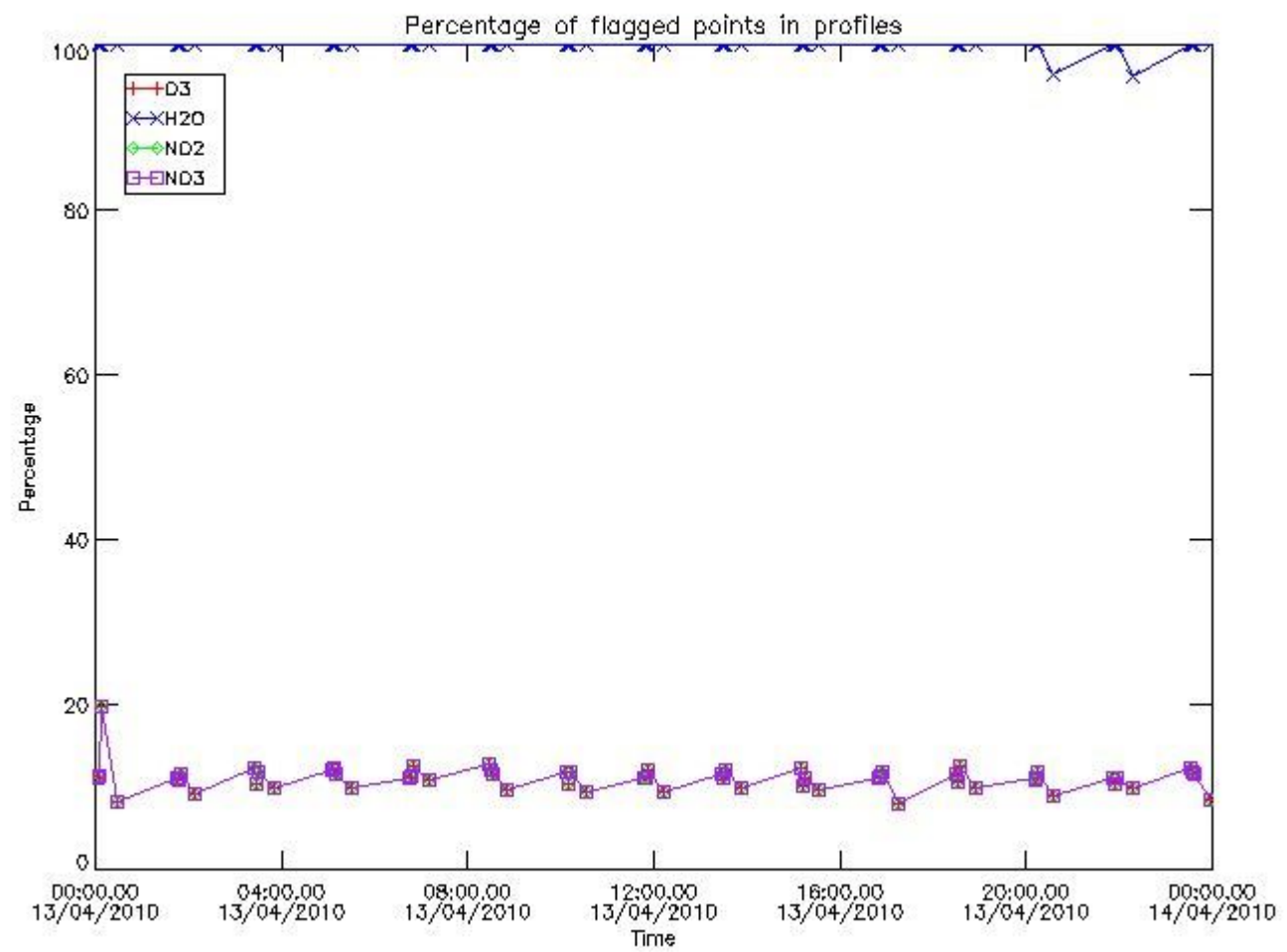
161	GOM_NL__2PRFIN20100413_141308_000000472088_00311_42449_4332.N1	13-APR-2010 14:13:08	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42449	No
162	GOM_NL__2PRFIN20100413_141612_000000402088_00311_42449_4333.N1	13-APR-2010 14:16:12	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42449	No
163	GOM_NL__2PRFIN20100413_142005_000000412088_00311_42449_4334.N1	13-APR-2010 14:20:05	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42449	No
164	GOM_NL__2PRFIN20100413_142817_000000402088_00311_42449_4335.N1	13-APR-2010 14:28:17	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42449	No
165	GOM_NL__2PRFIN20100413_143200_000000372088_00311_42449_4336.N1	13-APR-2010 14:32:00	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42449	No
166	GOM_NL__2PRFIN20100413_143314_000000392088_00311_42449_4337.N1	13-APR-2010 14:33:14	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42449	No
167	GOM_NL__2PRFIN20100413_143940_000000412088_00311_42449_4338.N1	13-APR-2010 14:39:40	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42449	No
168	GOM_NL__2PRFIN20100413_144120_000000482088_00311_42449_4339.N1	13-APR-2010 14:41:20	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	42449	No
169	GOM_NL__2PRFIN20100413_144942_000000402088_00311_42449_4340.N1	13-APR-2010 14:49:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42449	No
170	GOM_NL__2PRFIN20100413_145458_000000492088_00311_42449_4341.N1	13-APR-2010 14:54:58	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42449	No
171	GOM_NL__2PRFIN20100413_150624_000000502088_00311_42449_4342.N1	13-APR-2010 15:06:24	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42449	No
172	GOM_NL__2PRFIN20100413_150852_000000462088_00311_42449_4343.N1	13-APR-2010 15:08:52	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42449	No
173	GOM_NL__2PRFIN20100413_151123_000000502088_00311_42449_4344.N1	13-APR-2010 15:11:23	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42449	No
174	GOM_NL__2PRFIN20100413_151349_000000462088_00311_42449_4345.N1	13-APR-2010 15:13:49	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42449	No
175	GOM_NL__2PRFIN20100413_153348_000000542088_00312_42450_4335.N1	13-APR-2010 15:33:48	Dark	53.500	40	The Sco	1.8590	7100.0	107	42450	No
176	GOM_NL__2PRFIN20100413_154111_000000392088_00312_42450_4336.N1	13-APR-2010 15:41:11	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	42450	No
177	GOM_NL__2PRFIN20100413_154247_000000452088_00312_42450_4337.N1	13-APR-2010 15:42:47	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42450	No
178	GOM_NL__2PRFIN20100413_154513_000000502088_00312_42450_4338.N1	13-APR-2010 15:45:13	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42450	No
179	GOM_NL__2PRFIN20100413_155001_000000432088_00312_42450_4339.N1	13-APR-2010 15:50:01	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42450	No
180	GOM_NL__2PRFIN20100413_155344_000000472088_00312_42450_4340.N1	13-APR-2010 15:53:44	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42450	No
181	GOM_NL__2PRFIN20100413_155648_000000402088_00312_42450_4341.N1	13-APR-2010 15:56:48	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42450	No
182	GOM_NL__2PRFIN20100413_160041_000000412088_00312_42450_4342.N1	13-APR-2010 16:00:41	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42450	No
183	GOM_NL__2PRFIN20100413_160852_000000382088_00312_42450_4343.N1	13-APR-2010 16:08:52	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42450	No
184	GOM_NL__2PRFIN20100413_162016_000000402088_00312_42450_4344.N1	13-APR-2010 16:20:16	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42450	No
185	GOM_NL__2PRFIN20100413_162155_000000492088_00312_42450_4345.N1	13-APR-2010 16:21:55	Bright	49.000	119	14Eta Dra	2.7270	4700.0	98	42450	No
186	GOM_NL__2PRFIN20100413_163017_000000402088_00312_42450_4346.N1	13-APR-2010 16:30:17	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42450	No
187	GOM_NL__2PRFIN20100413_163533_000000492088_00312_42450_4347.N1	13-APR-2010 16:35:33	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42450	No
188	GOM_NL__2PRFIN20100413_163946_000000522088_00312_42450_4348.N1	13-APR-2010 16:39:46	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	42450	No
189	GOM_NL__2PRFIN20100413_164700_000000512088_00312_42450_4349.N1	13-APR-2010 16:47:00	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42450	No
190	GOM_NL__2PRFIN20100413_164929_000000462088_00312_42450_4350.N1	13-APR-2010 16:49:29	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42450	No
191	GOM_NL__2PRFIN20100413_165200_000000492088_00312_42450_4351.N1	13-APR-2010 16:52:00	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42450	No
192	GOM_NL__2PRFIN20100413_165425_000000432088_00312_42450_4352.N1	13-APR-2010 16:54:25	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42450	No
193	GOM_NL__2PRFIN20100413_171425_000000652088_00313_42451_4343.N1	13-APR-2010 17:14:25	Dark	64.500	40	The Sco	1.8590	7100.0	129	42451	No
194	GOM_NL__2PRFIN20100413_172148_000000432088_00313_42451_4344.N1	13-APR-2010 17:21:48	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42451	No
195	GOM_NL__2PRFIN20100413_172324_000000432088_00313_42451_4345.N1	13-APR-2010 17:23:24	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42451	No
196	GOM_NL__2PRFIN20100413_172549_000000522088_00313_42451_4346.N1	13-APR-2010 17:25:49	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	42451	No
197	GOM_NL__2PRFIN20100413_173038_000000462088_00313_42451_4347.N1	13-APR-2010 17:30:38	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42451	No
198	GOM_NL__2PRFIN20100413_173420_000000472088_00313_42451_4348.N1	13-APR-2010 17:34:20	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42451	No
199	GOM_NL__2PRFIN20100413_173724_000000412088_00313_42451_4349.N1	13-APR-2010 17:37:24	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42451	No
200	GOM_NL__2PRFIN20100413_174117_000000402088_00313_42451_4350.N1	13-APR-2010 17:41:17	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42451	No
201	GOM_NL__2PRFIN20100413_174928_000000422088_00313_42451_4351.N1	13-APR-2010 17:49:28	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42451	No
202	GOM_NL__2PRFIN20100413_180051_000000392088_00313_42451_4352.N1	13-APR-2010 18:00:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42451	No
203	GOM_NL__2PRFIN20100413_180230_000000502088_00313_42451_4353.N1	13-APR-2010 18:02:30	Bright	50.000	119	14Eta Dra	2.7270	4700.0	100	42451	No
204	GOM_NL__2PRFIN20100413_181053_000000572088_00313_42451_4354.N1	13-APR-2010 18:10:53	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	42451	No
205	GOM_NL__2PRFIN20100413_181609_000000662088_00313_42451_4355.N1	13-APR-2010 18:16:09	Bright	66.000	19	50Alp Cyg	1.2460	10500.	132	42451	No
206	GOM_NL__2PRFIN20100413_182022_000000522088_00313_42451_4356.N1	13-APR-2010 18:20:22	Bright	51.500	92	53Eps Cyg	2.5000	4500.0	103	42451	No
207	GOM_NL__2PRFIN20100413_182737_000000502088_00313_42451_4357.N1	13-APR-2010 18:27:37	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42451	No
208	GOM_NL__2PRFIN20100413_183005_000000452088_00313_42451_4358.N1	13-APR-2010 18:30:05	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42451	No
209	GOM_NL__2PRFIN20100413_183236_000000482088_00313_42451_4359.N1	13-APR-2010 18:32:36	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42451	No
210	GOM_NL__2PRFIN20100413_183502_000000412088_00313_42451_4360.N1	13-APR-2010 18:35:02	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42451	No
211	GOM_NL__2PRFIN20100413_185502_000000522088_00314_42452_4351.N1	13-APR-2010 18:55:02	Dark	51.500	40	The Sco	1.8590	7100.0	103	42452	No
212	GOM_NL__2PRFIN20100413_190225_000000432088_00314_42452_4352.N1	13-APR-2010 19:02:25	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42452	No
213	GOM_NL__2PRFIN20100413_190400_000000452088_00314_42452_4353.N1	13-APR-2010 19:04:00	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42452	No
214	GOM_NL__2PRFIN20100413_190626_000000502088_00314_42452_4354.N1	13-APR-2010 19:06:26	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42452	No
215	GOM_NL__2PRFIN20100413_191114_000000452088_00314_42452_4355.N1	13-APR-2010 19:11:14	Tw_i_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42452	No
216	GOM_NL__2PRFIN20100413_191456_000000472088_00314_42452_4356.N1	13-APR-2010 19:14:56	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42452	No
217	GOM_NL__2PRFIN20100413_191800_000000412088_00314_42452_4357.N1	13-APR-2010 19:18:00	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42452	No
218	GOM_NL__2PRFIN20100413_192152_000000412088_00314_42452_4358.N1	13-APR-2010 19:21:52	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42452	No
219	GOM_NL__2PRFIN20100413_193004_000000582088_00314_42452_4359.N1	13-APR-2010 19:30:04	Bright	58.000	152	12Alp2CVn	2.8900	11000.	116	42452	No

220	GOM_NL__2PRFIN20100413_193347_000000372088_00314_42452_4360.N1	13-APR-2010 19:33:47	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42452	No
221	GOM_NL__2PRFIN20100413_193520_000000402088_00314_42452_4361.N1	13-APR-2010 19:35:20	Bright	40.000	55	79Zet UMa	2.0600	10200.	80	42452	No
222	GOM_NL__2PRFIN20100413_194127_000000382088_00314_42452_4362.N1	13-APR-2010 19:41:27	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42452	No
223	GOM_NL__2PRFIN20100413_194305_000000492088_00314_42452_4363.N1	13-APR-2010 19:43:05	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	42452	No
224	GOM_NL__2PRFIN20100413_195129_000000382088_00314_42452_4364.N1	13-APR-2010 19:51:29	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42452	No
225	GOM_NL__2PRFIN20100413_195645_000000492088_00314_42452_4365.N1	13-APR-2010 19:56:45	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42452	No
226	GOM_NL__2PRFIN20100413_200058_000000562088_00314_42452_4366.N1	13-APR-2010 20:00:58	Bright	55.500	92	53Eps Cyg	2.5000	4500.0	111	42452	No
227	GOM_NL__2PRFIN20100413_200813_000000512088_00314_42452_4367.N1	13-APR-2010 20:08:13	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42452	No
228	GOM_NL__2PRFIN20100413_201041_000000462088_00314_42452_4368.N1	13-APR-2010 20:10:41	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42452	No
229	GOM_NL__2PRFIN20100413_201313_000000472088_00314_42452_4369.N1	13-APR-2010 20:13:13	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42452	No
230	GOM_NL__2PRFIN20100413_201538_000000432088_00314_42452_4370.N1	13-APR-2010 20:15:38	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42452	No
231	GOM_NL__2PRFIN20100413_203539_000000572088_00315_42453_4447.N1	13-APR-2010 20:35:39	Dark	56.500	40	The Sco	1.8590	7100.0	113	42453	No
232	GOM_NL__2PRFIN20100413_204301_000000422088_00315_42453_4448.N1	13-APR-2010 20:43:01	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42453	No
233	GOM_NL__2PRFIN20100413_204437_000000442088_00315_42453_4449.N1	13-APR-2010 20:44:37	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42453	No
234	GOM_NL__2PRFIN20100413_204702_000000492088_00315_42453_4450.N1	13-APR-2010 20:47:02	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42453	No
235	GOM_NL__2PRFIN20100413_205150_000000462088_00315_42453_4451.N1	13-APR-2010 20:51:50	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	42453	No
236	GOM_NL__2PRFIN20100413_205532_000000452088_00315_42453_4452.N1	13-APR-2010 20:55:32	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42453	No
237	GOM_NL__2PRFIN20100413_205836_000000402088_00315_42453_4453.N1	13-APR-2010 20:58:36	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42453	No
238	GOM_NL__2PRFIN20100413_210228_000000412088_00315_42453_4454.N1	13-APR-2010 21:02:28	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42453	No
239	GOM_NL__2PRFIN20100413_211039_000000402088_00315_42453_4455.N1	13-APR-2010 21:10:39	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42453	No
240	GOM_NL__2PRFIN20100413_211423_000000352088_00315_42453_4456.N1	13-APR-2010 21:14:23	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	42453	No
241	GOM_NL__2PRFIN20100413_211555_000000402088_00315_42453_4457.N1	13-APR-2010 21:15:55	Bright	40.000	55	79Zet UMa	2.0600	10200.	80	42453	No
242	GOM_NL__2PRFIN20100413_212203_000000372088_00315_42453_4458.N1	13-APR-2010 21:22:03	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42453	No
243	GOM_NL__2PRFIN20100413_212341_000000452088_00315_42453_4459.N1	13-APR-2010 21:23:41	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42453	No
244	GOM_NL__2PRFIN20100413_213205_000000372088_00315_42453_4460.N1	13-APR-2010 21:32:05	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42453	No
245	GOM_NL__2PRFIN20100413_213721_000000492088_00315_42453_4461.N1	13-APR-2010 21:37:21	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	42453	No
246	GOM_NL__2PRFIN20100413_214134_000000532088_00315_42453_4462.N1	13-APR-2010 21:41:34	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42453	No
247	GOM_NL__2PRFIN20100413_214849_000000512088_00315_42453_4463.N1	13-APR-2010 21:48:49	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42453	No
248	GOM_NL__2PRFIN20100413_215117_000000462088_00315_42453_4464.N1	13-APR-2010 21:51:17	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42453	No
249	GOM_NL__2PRFIN20100413_215350_000000502088_00315_42453_4465.N1	13-APR-2010 21:53:50	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42453	No
250	GOM_NL__2PRFIN20100413_215615_000000462088_00315_42453_4466.N1	13-APR-2010 21:56:15	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42453	No
251	GOM_NL__2PRFIN20100413_221616_000000512088_00316_42454_4455.N1	13-APR-2010 22:16:16	Dark	51.000	40	The Sco	1.8590	7100.0	102	42454	No
252	GOM_NL__2PRFIN20100413_222337_000000472088_00316_42454_4456.N1	13-APR-2010 22:23:37	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42454	No
253	GOM_NL__2PRFIN20100413_222513_000000462088_00316_42454_4457.N1	13-APR-2010 22:25:13	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42454	No
254	GOM_NL__2PRFIN20100413_222738_000000492088_00316_42454_4458.N1	13-APR-2010 22:27:38	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42454	No
255	GOM_NL__2PRFIN20100413_223226_000000422088_00316_42454_4459.N1	13-APR-2010 22:32:26	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	42454	No
256	GOM_NL__2PRFIN20100413_223608_000000462088_00316_42454_4460.N1	13-APR-2010 22:36:08	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42454	No
257	GOM_NL__2PRFIN20100413_223912_000000412088_00316_42454_4461.N1	13-APR-2010 22:39:12	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42454	No
258	GOM_NL__2PRFIN20100413_224304_000000422088_00316_42454_4462.N1	13-APR-2010 22:43:04	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42454	No
259	GOM_NL__2PRFIN20100413_225114_000000382088_00316_42454_4463.N1	13-APR-2010 22:51:14	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42454	No
260	GOM_NL__2PRFIN20100413_225459_000000352088_00316_42454_4464.N1	13-APR-2010 22:54:59	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	42454	No
261	GOM_NL__2PRFIN20100413_225630_000000412088_00316_42454_4465.N1	13-APR-2010 22:56:30	Bright	40.500	55	79Zet UMa	2.0600	10200.	81	42454	No
262	GOM_NL__2PRFIN20100413_230238_000000402088_00316_42454_4466.N1	13-APR-2010 23:02:38	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42454	No
263	GOM_NL__2PRFIN20100413_230416_000000472088_00316_42454_4467.N1	13-APR-2010 23:04:16	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42454	No
264	GOM_NL__2PRFIN20100413_231240_000000392088_00316_42454_4468.N1	13-APR-2010 23:12:40	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42454	No
265	GOM_NL__2PRFIN20100413_231757_000000482088_00316_42454_4469.N1	13-APR-2010 23:17:57	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42454	No
266	GOM_NL__2PRFIN20100413_232210_000000542088_00316_42454_4470.N1	13-APR-2010 23:22:10	Bright	54.000	92	53Eps Cyg	2.5000	4500.0	108	42454	No
267	GOM_NL__2PRFIN20100413_232925_000000482088_00316_42454_4471.N1	13-APR-2010 23:29:25	Twilight	48.000	61	8Eps Peg	2.1000	3900.0	96	42454	No
268	GOM_NL__2PRFIN20100413_233154_000000462088_00316_42454_4472.N1	13-APR-2010 23:31:54	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42454	No
269	GOM_NL__2PRFIN20100413_233426_000000522088_00316_42454_4473.N1	13-APR-2010 23:34:26	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42454	No
270	GOM_NL__2PRFIN20100413_233651_000000442088_00316_42454_4474.N1	13-APR-2010 23:36:51	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42454	No
271	GOM_NL__2PRFIN20100413_235653_000000612088_00317_42455_4463.N1	13-APR-2010 23:56:53	Dark	61.000	40	The Sco	1.8590	7100.0	122	42455	No

3. Quality information per product

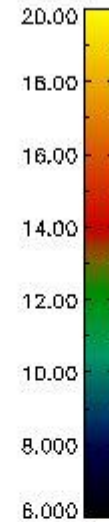
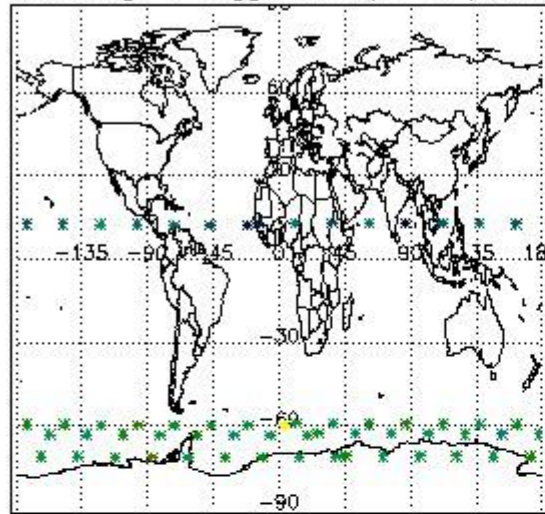
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

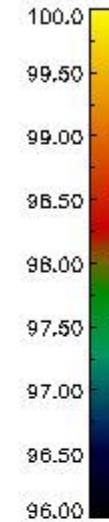
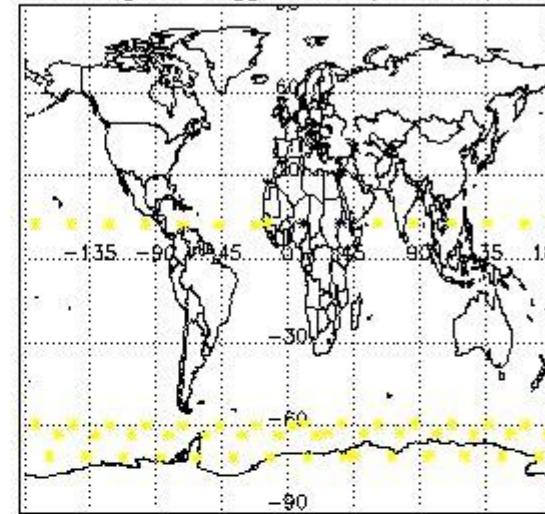


3.2 Plot quality information per product (world map)

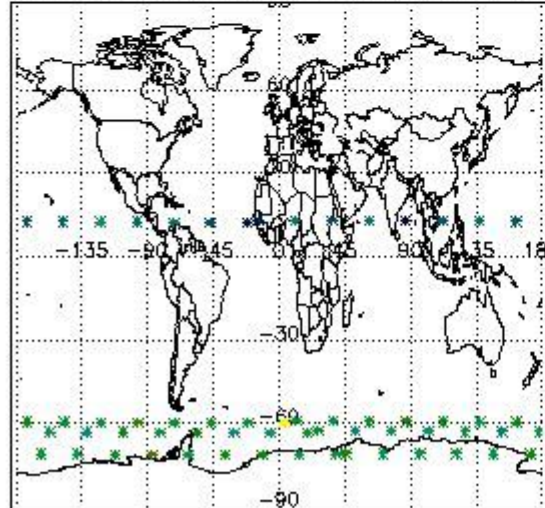
Percentage of flagged data per O3 profile



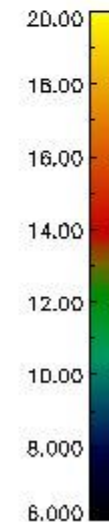
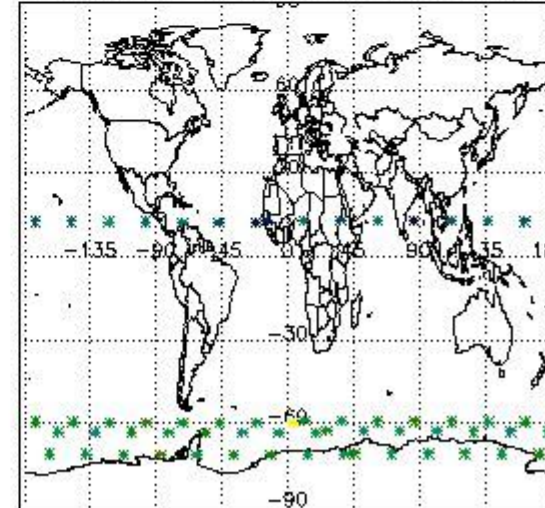
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

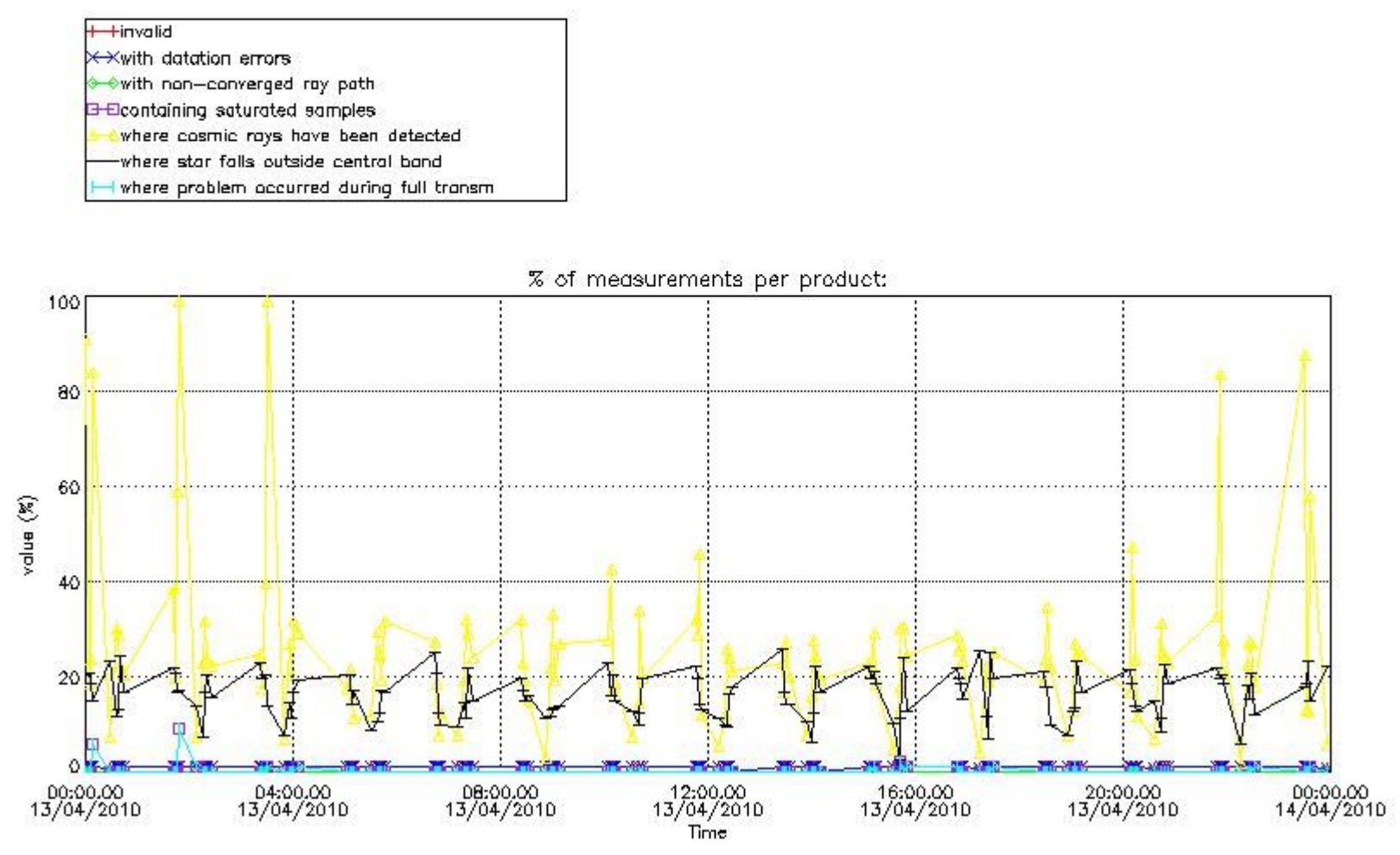


4. Level 1 quality information per product

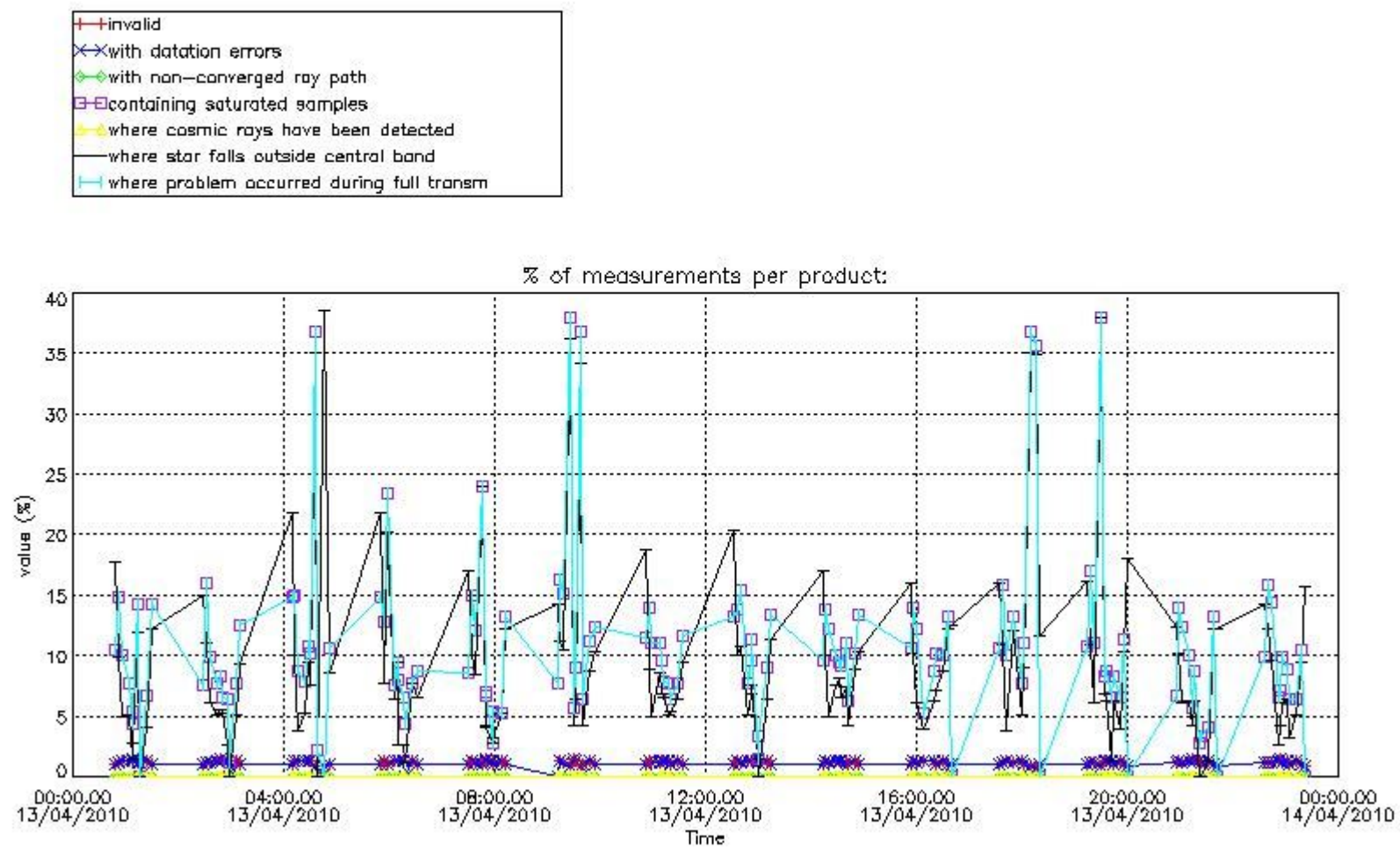
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

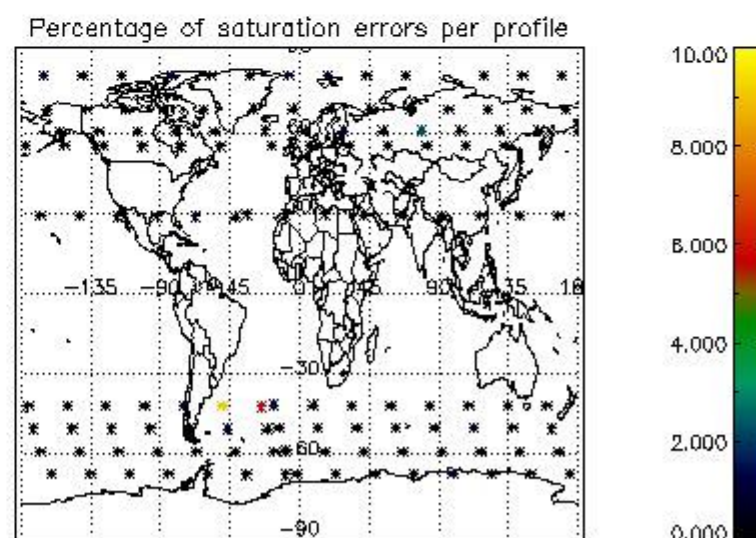
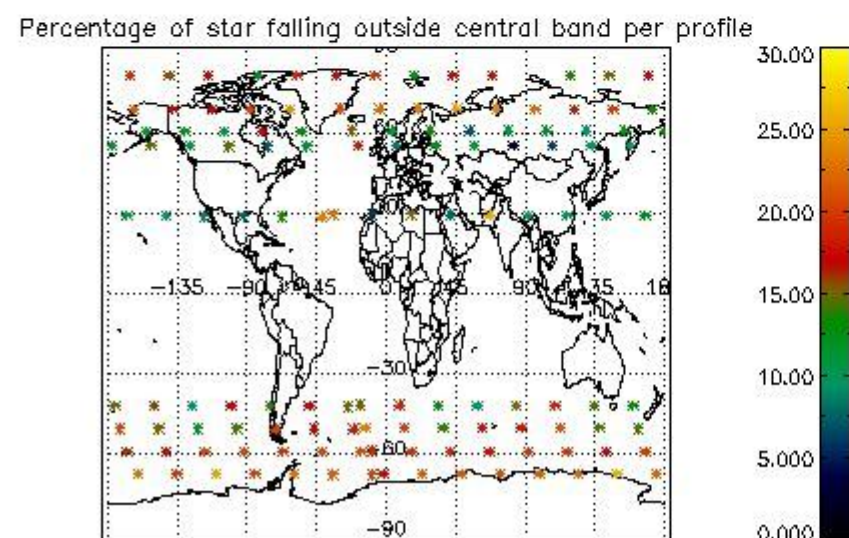
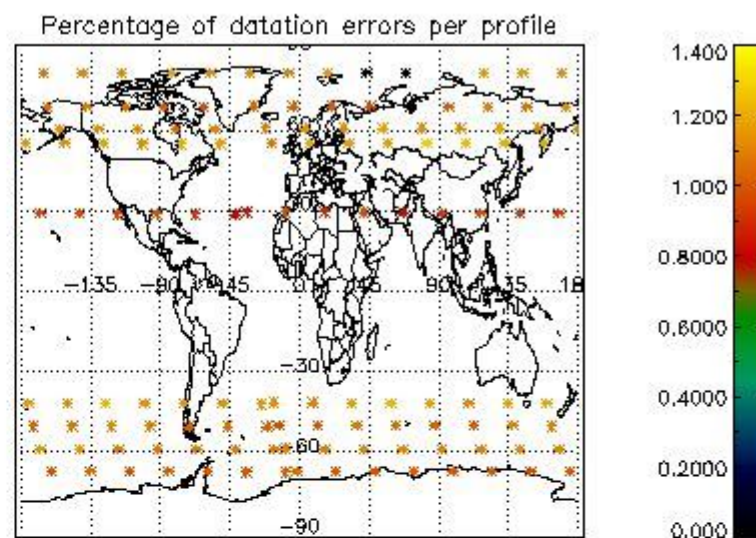
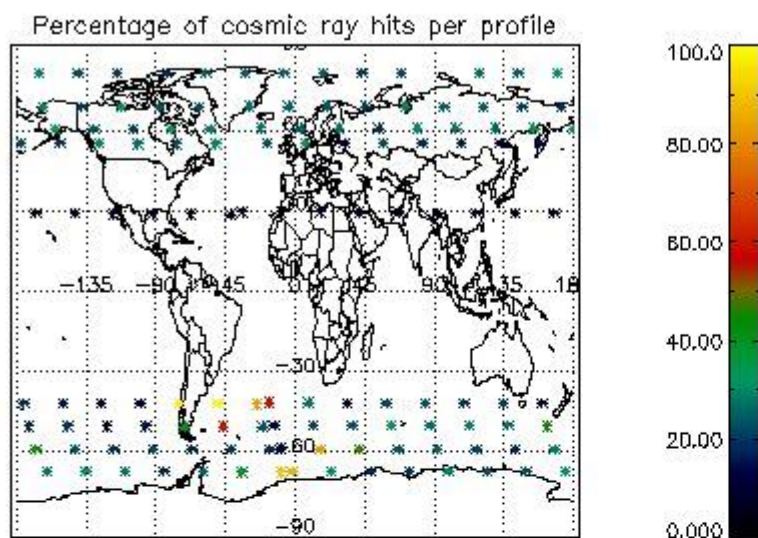


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

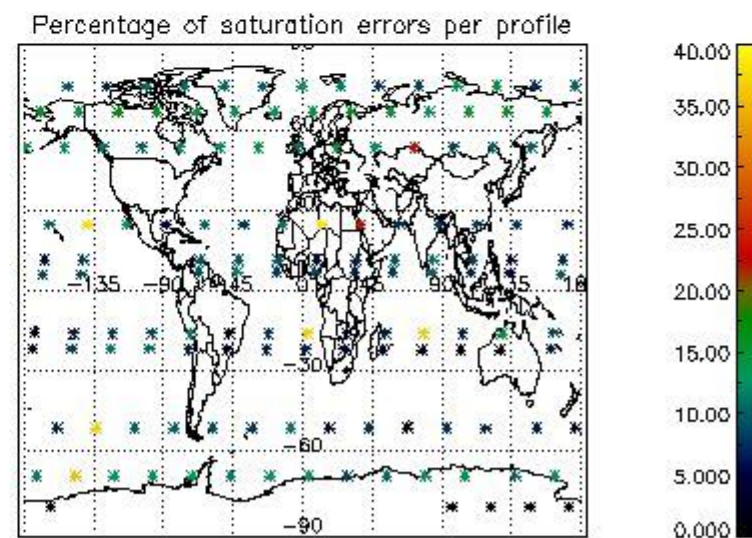
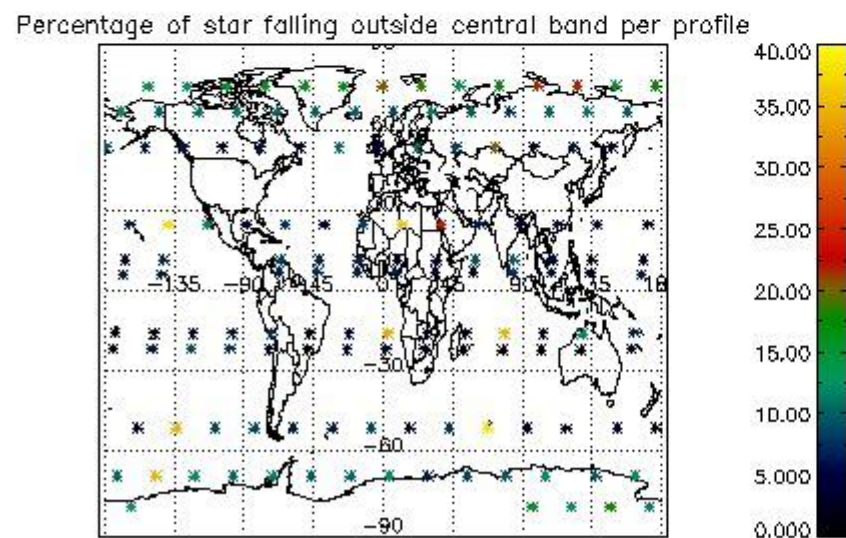
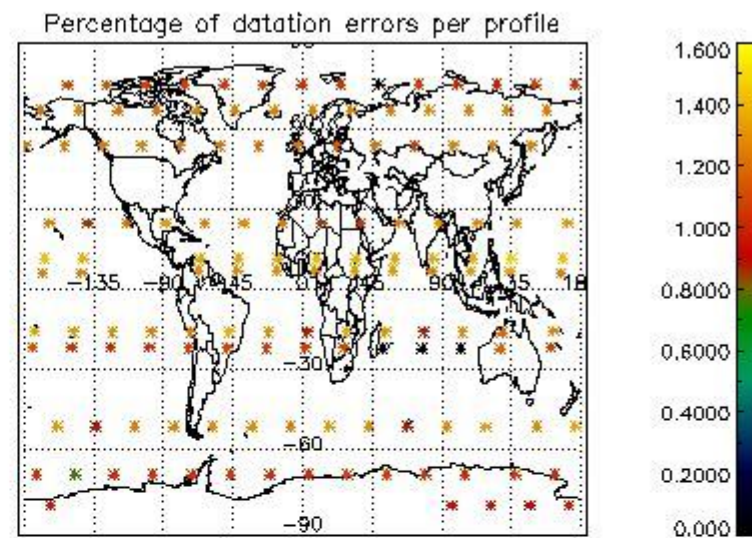
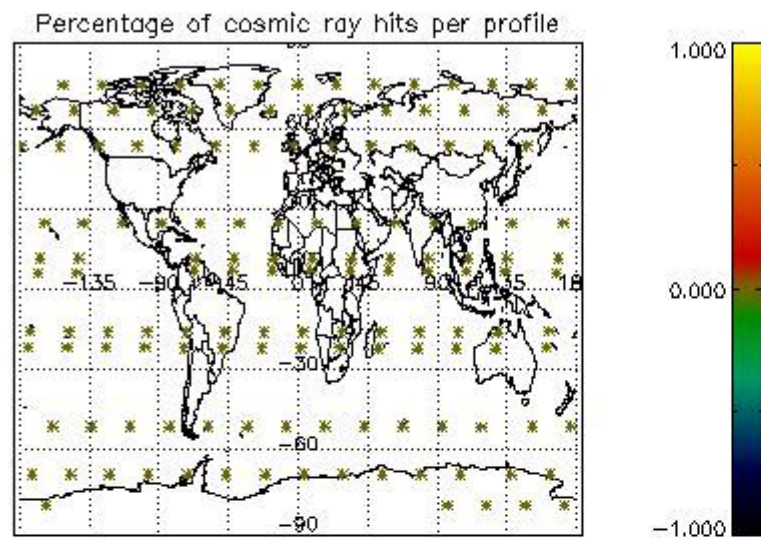


4.2 Plot quality information per product coming from level 1b processing (world map)

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

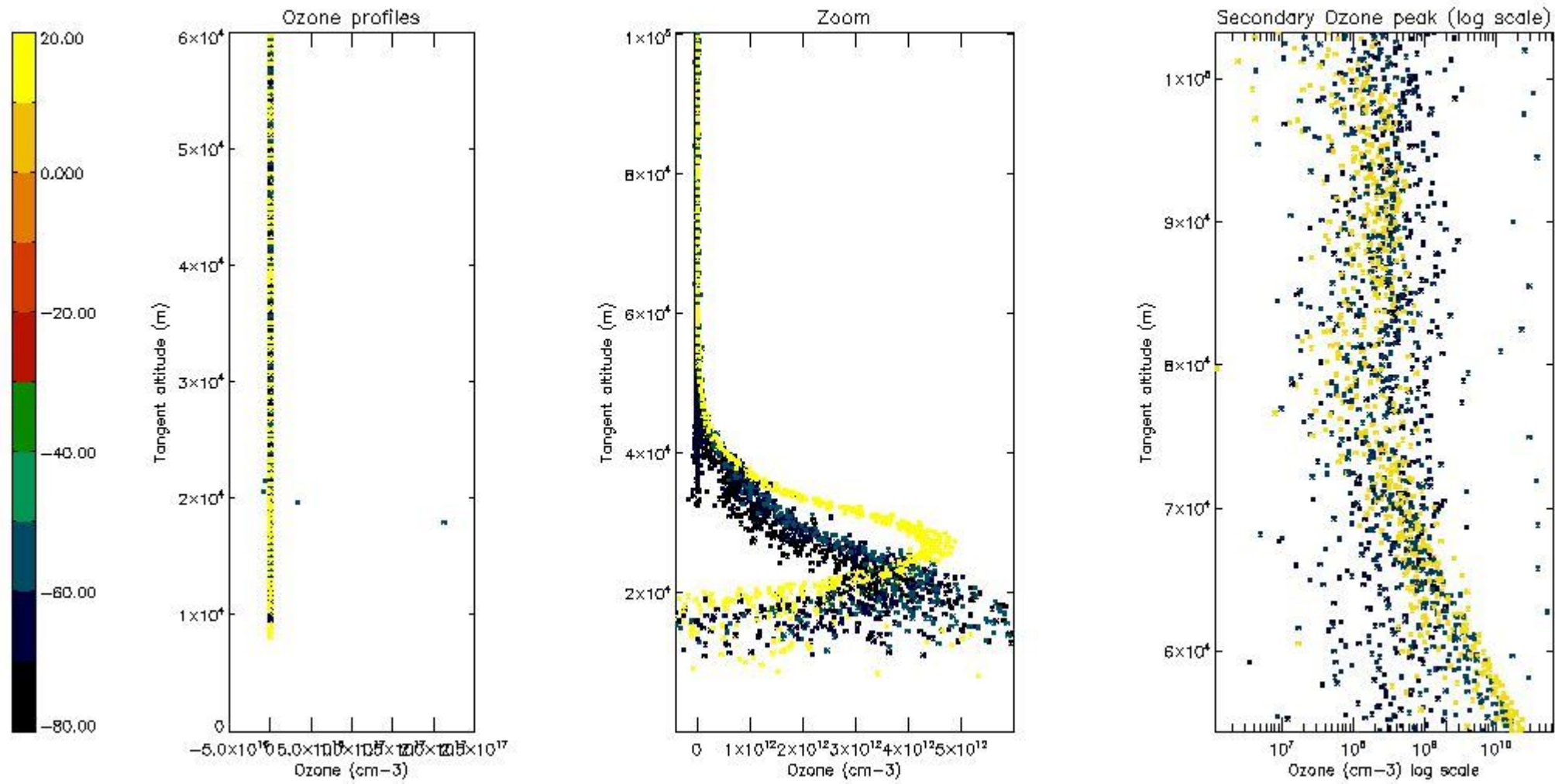
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	7

STD < 10	3
STD < 5	1

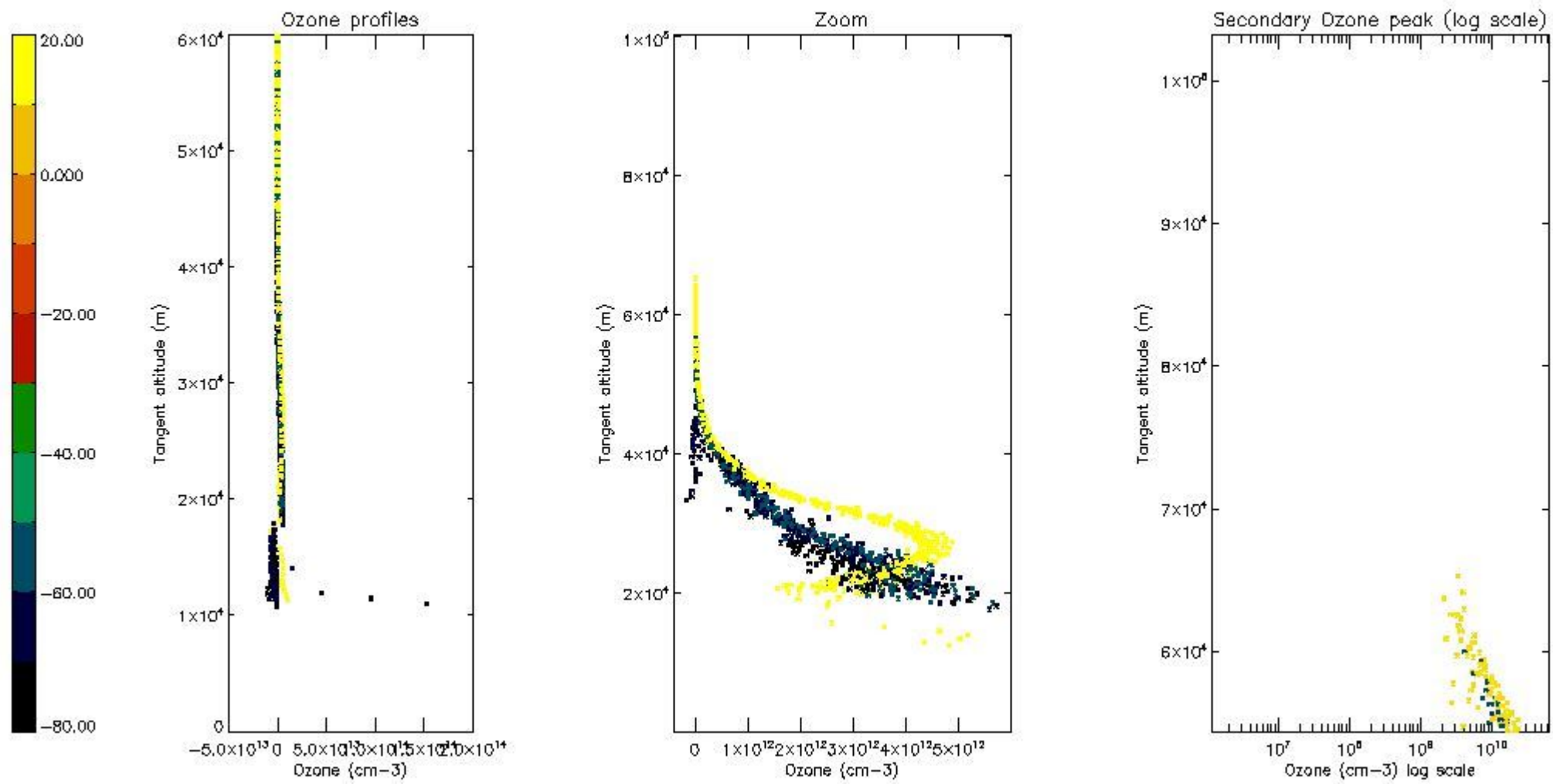
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



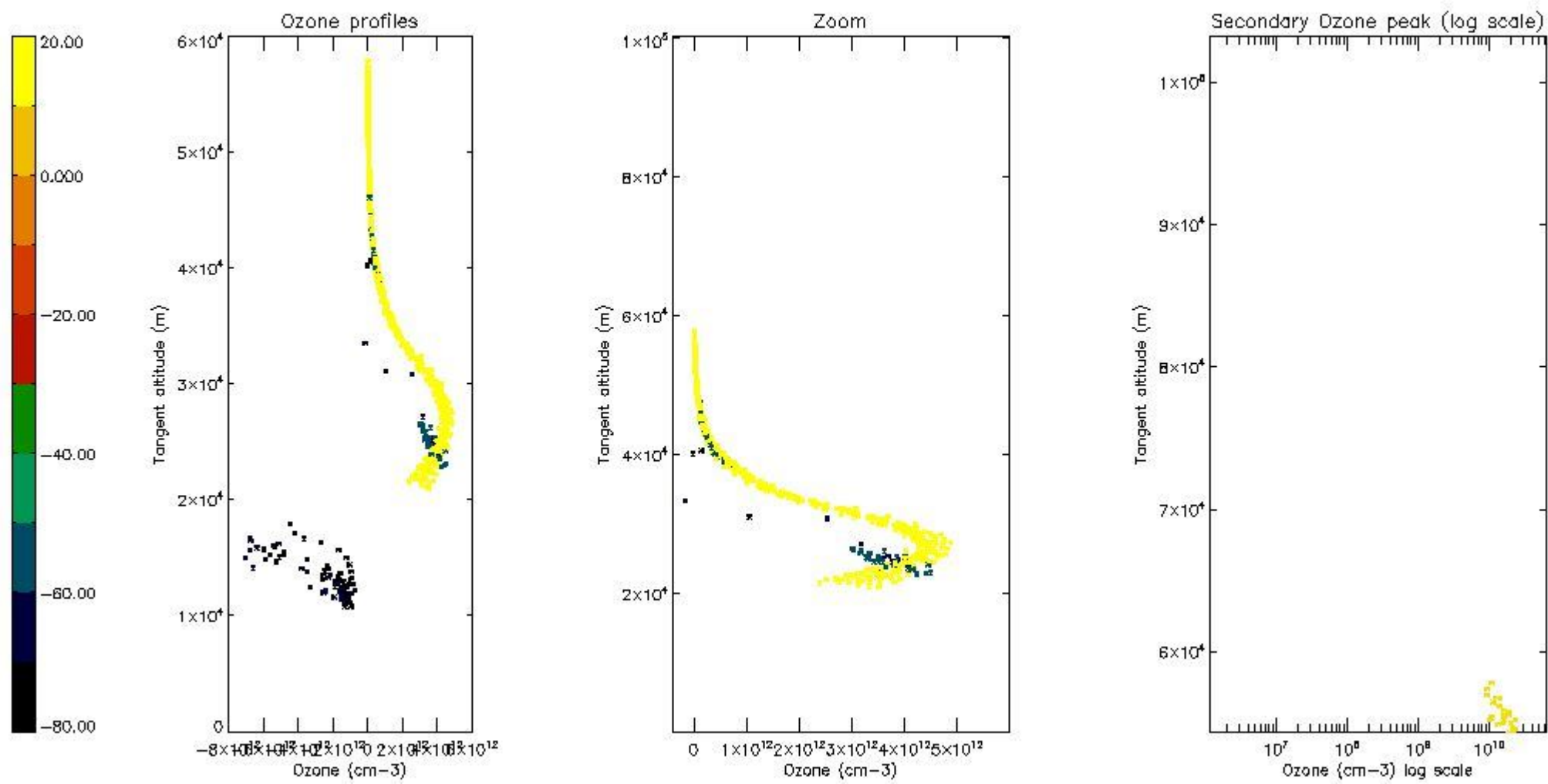
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



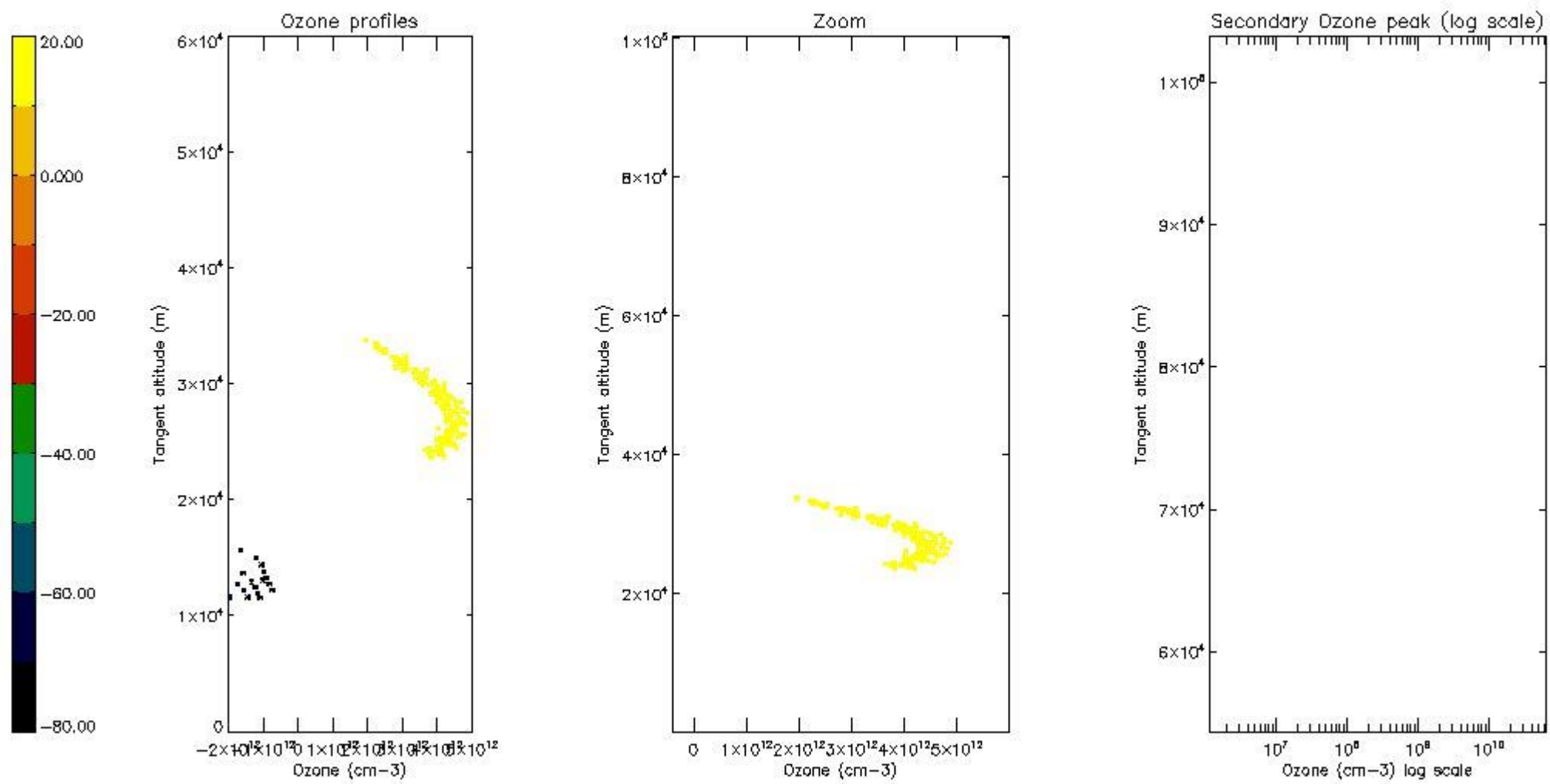
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



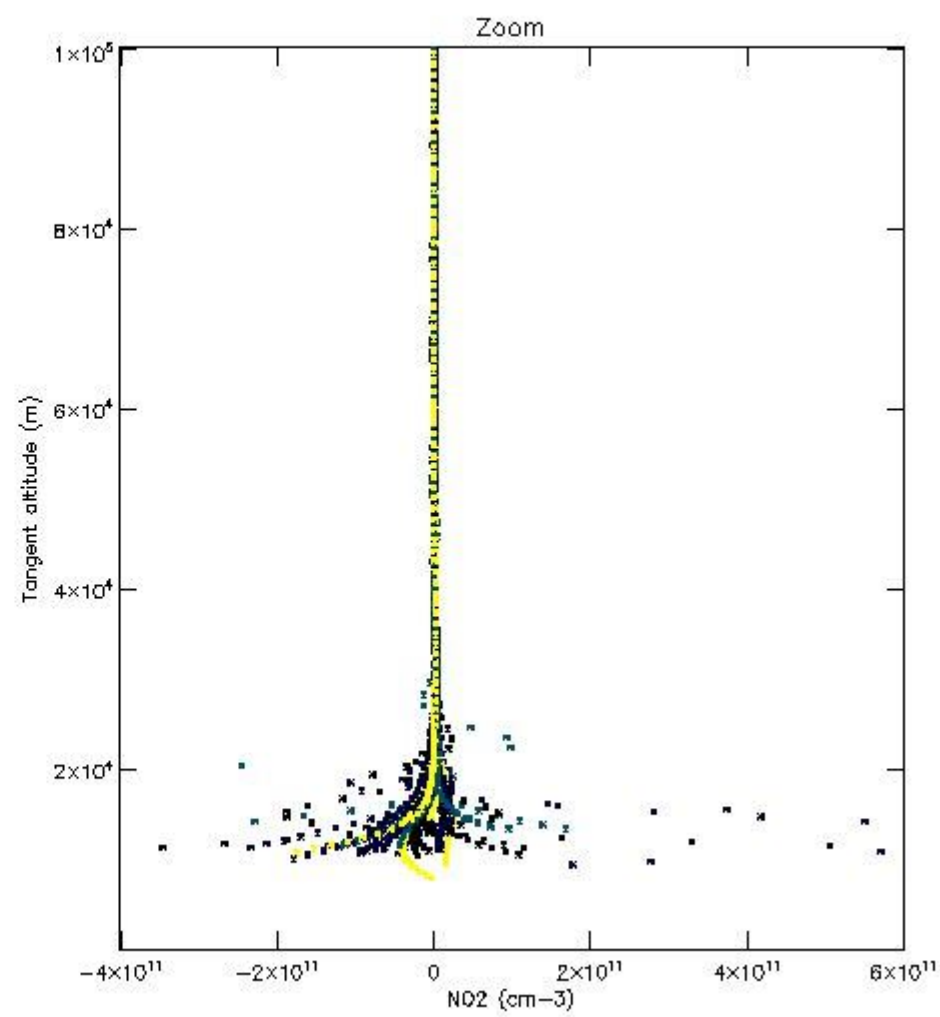
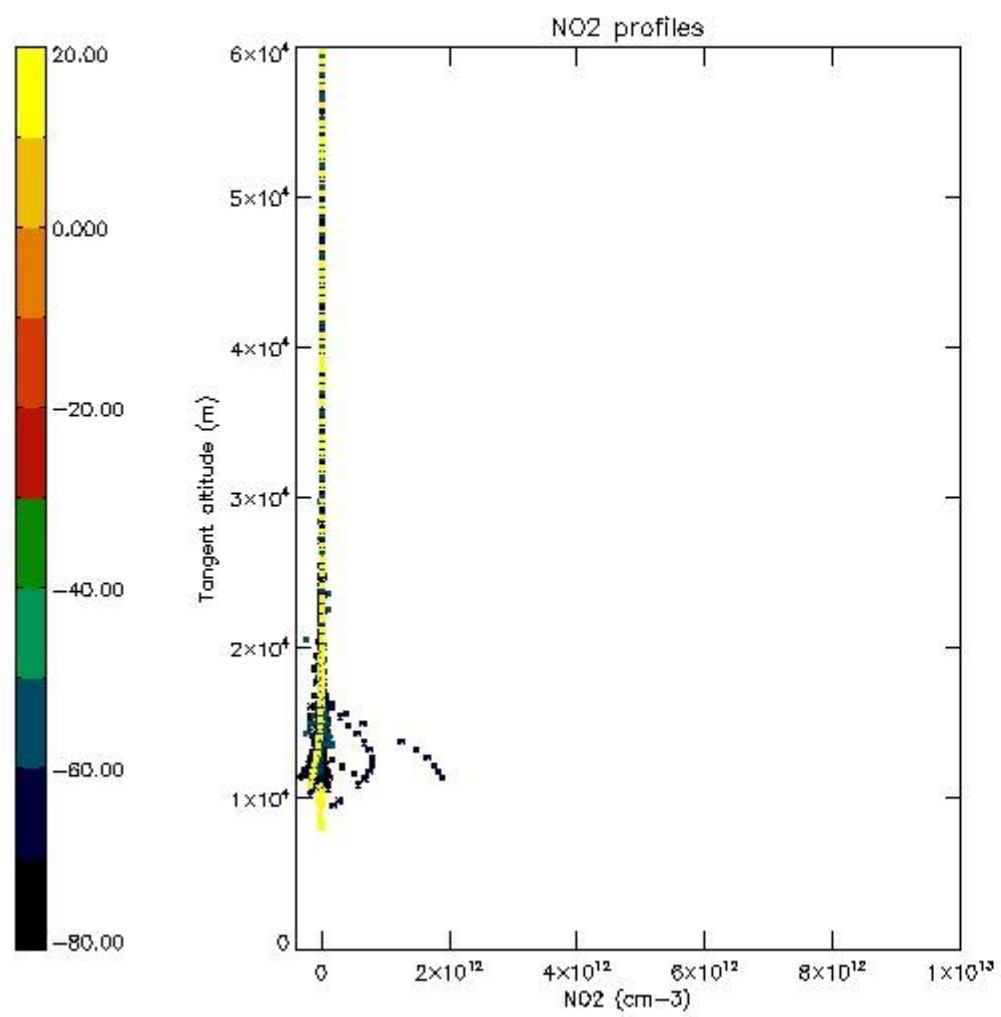
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



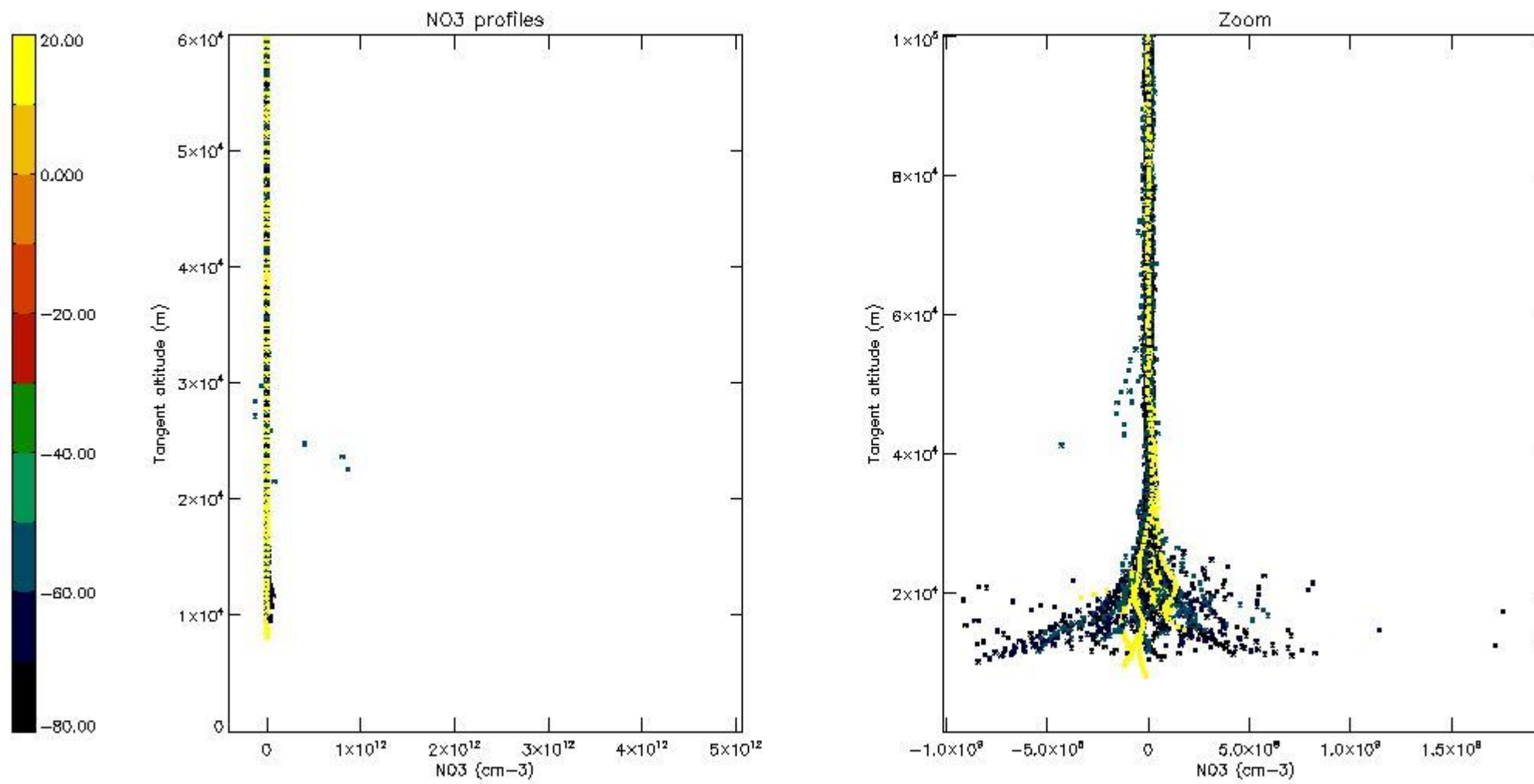
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

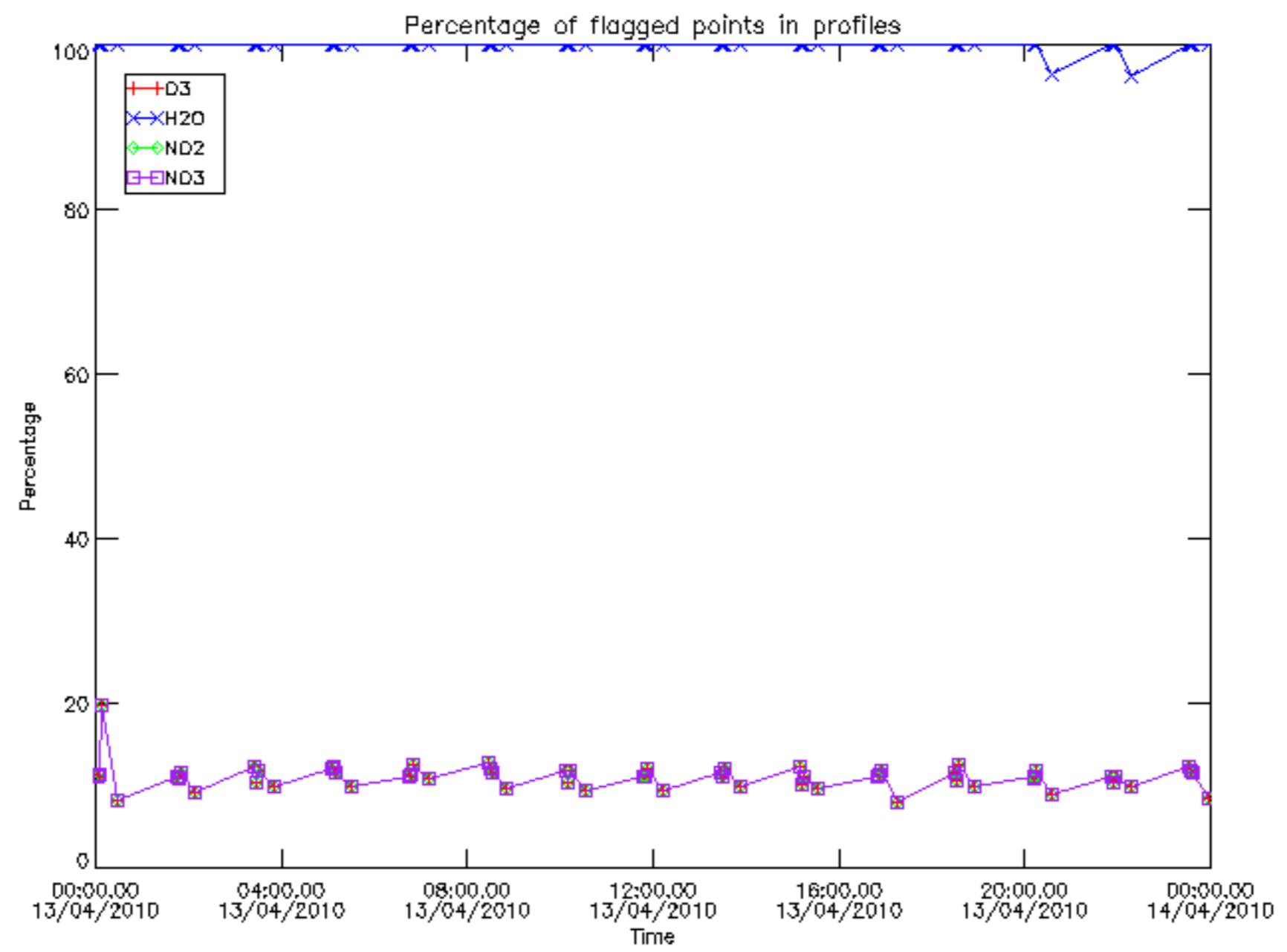
The colorbar represents the latitude.



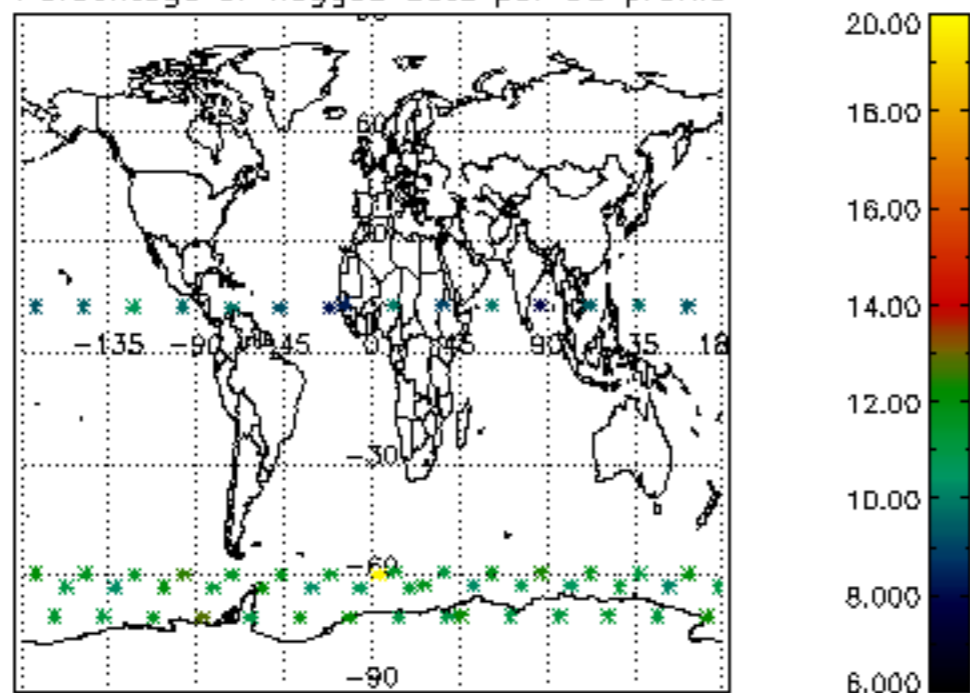
6. Auxiliary Data Files used for the production reported in section 2

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.

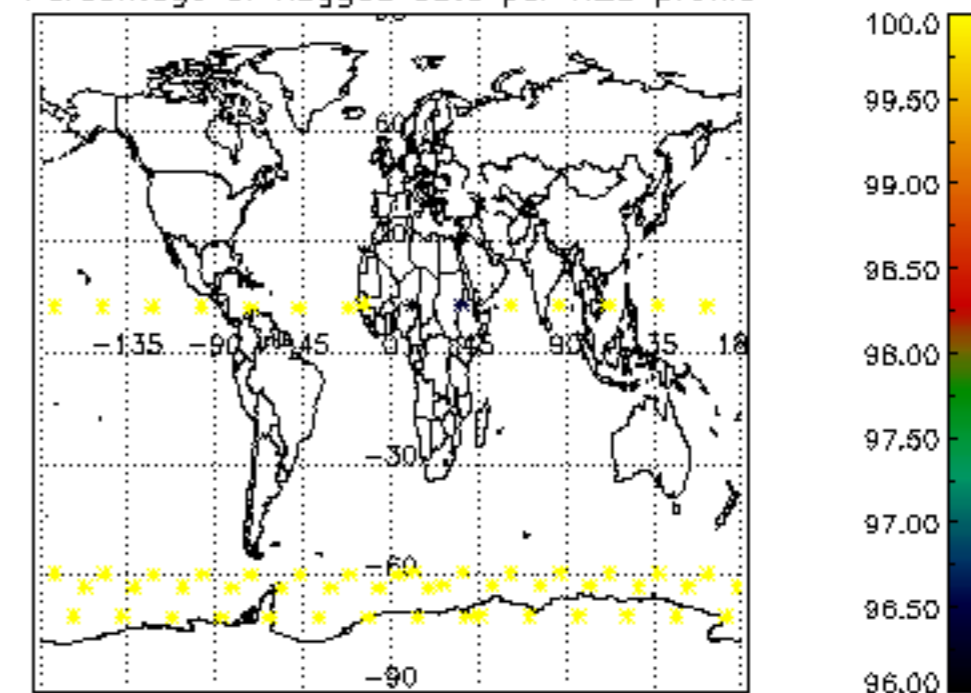
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-APR-2010 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-APR-2010 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-APR-2010 00:00:57



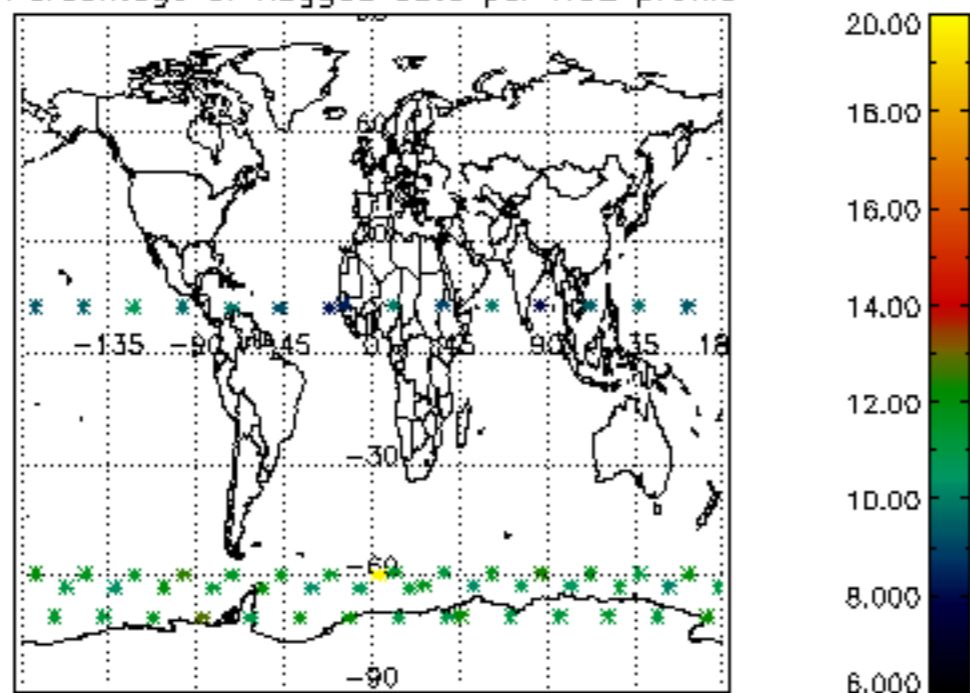
Percentage of flagged data per D3 profile



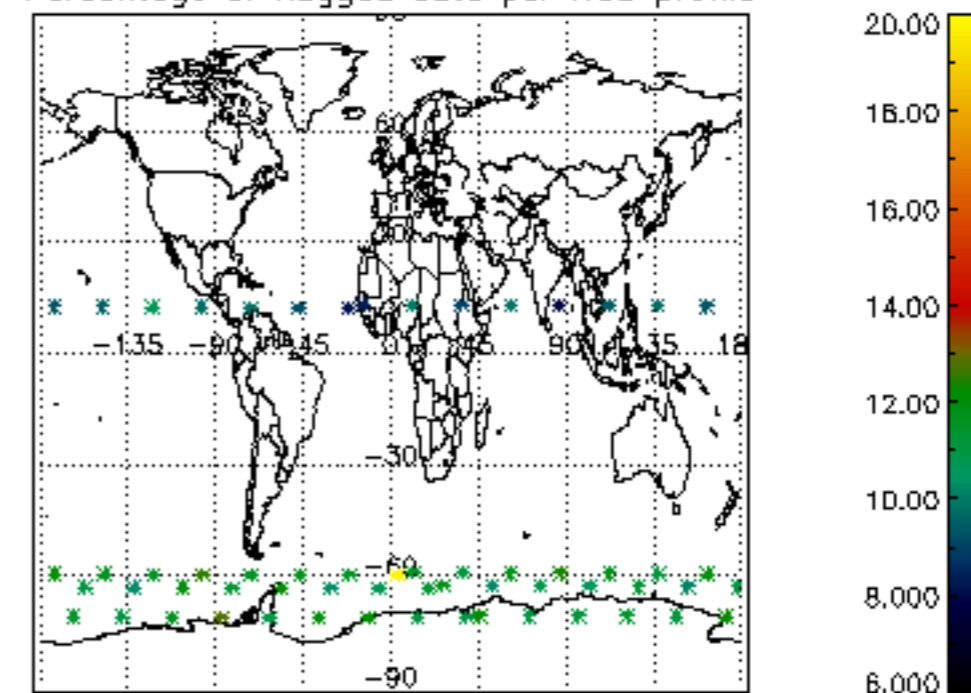
Percentage of flagged data per H2O profile

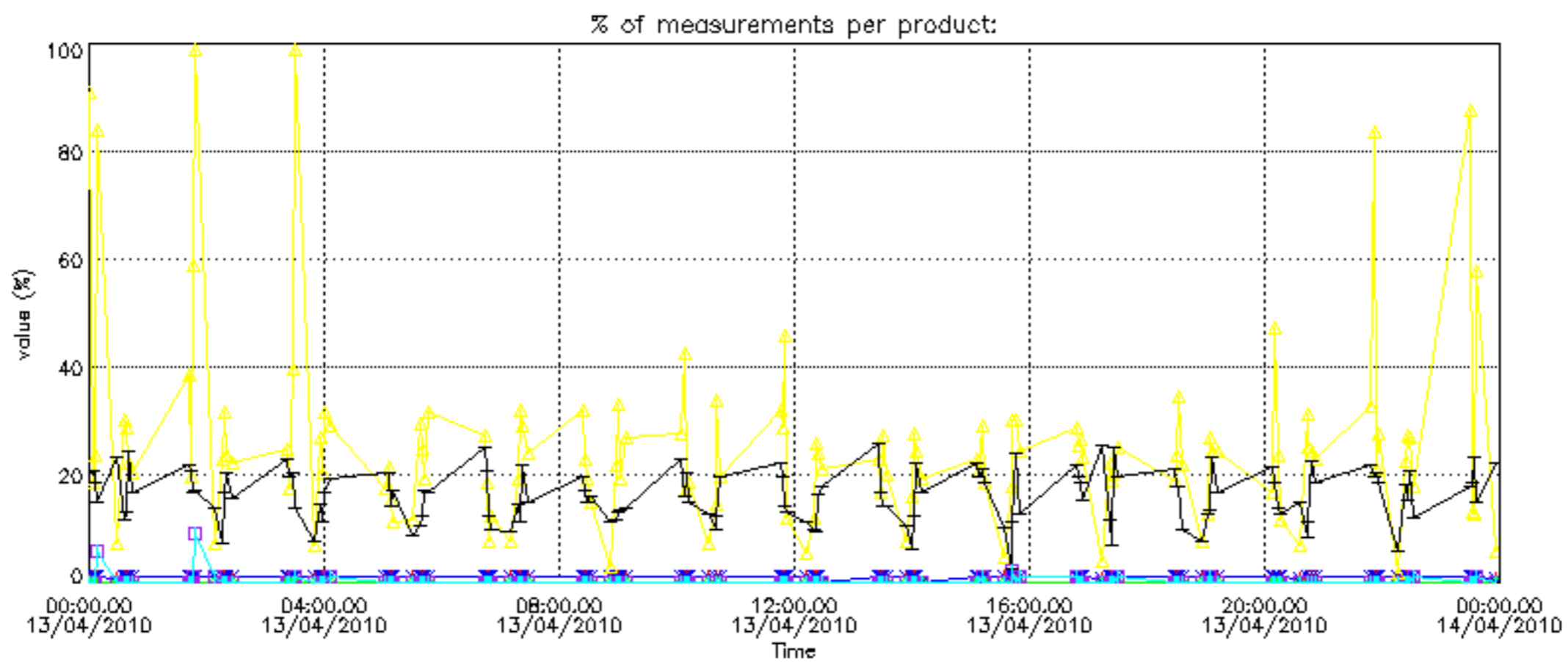


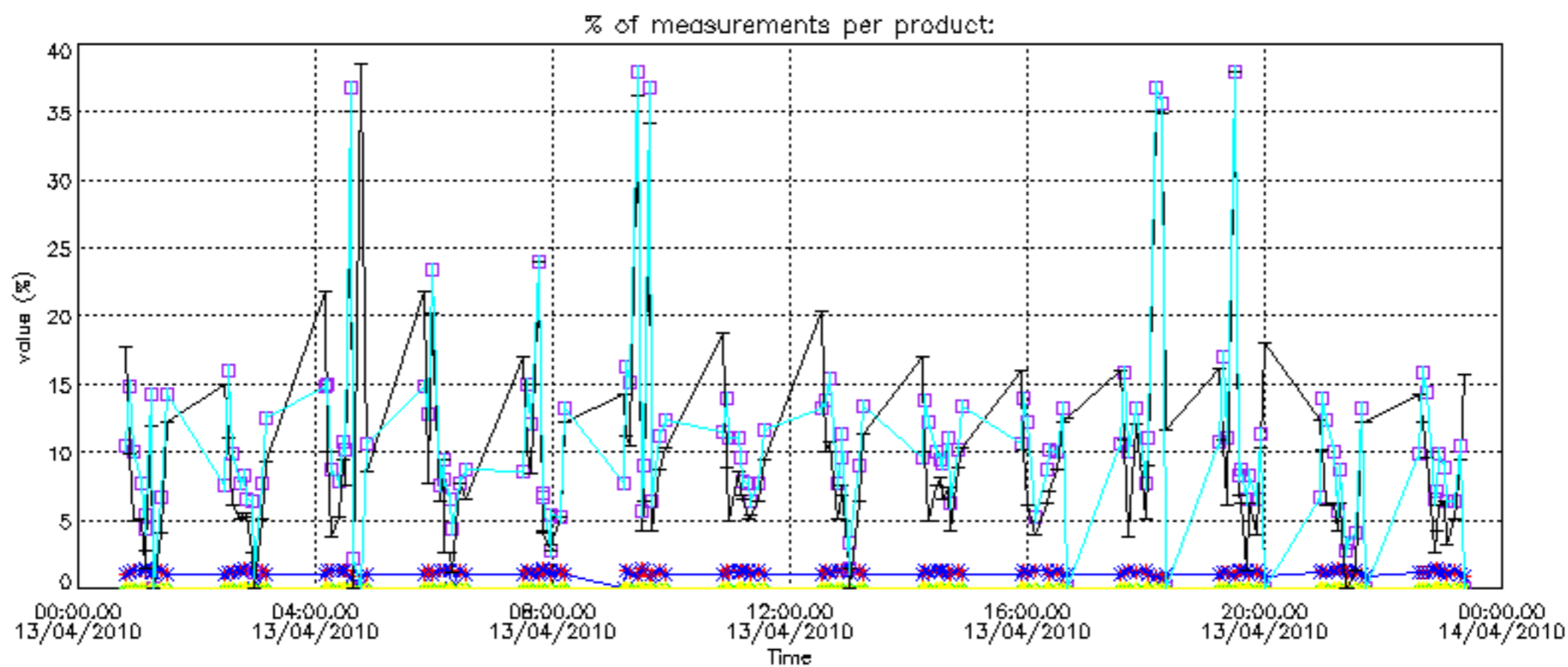
Percentage of flagged data per NO2 profile



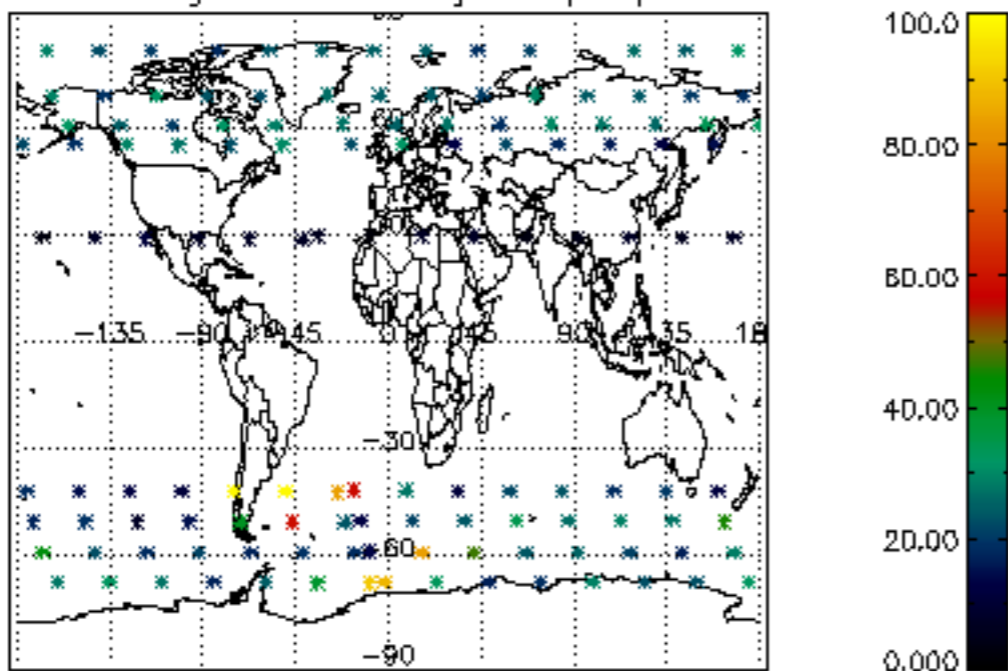
Percentage of flagged data per NO3 profile



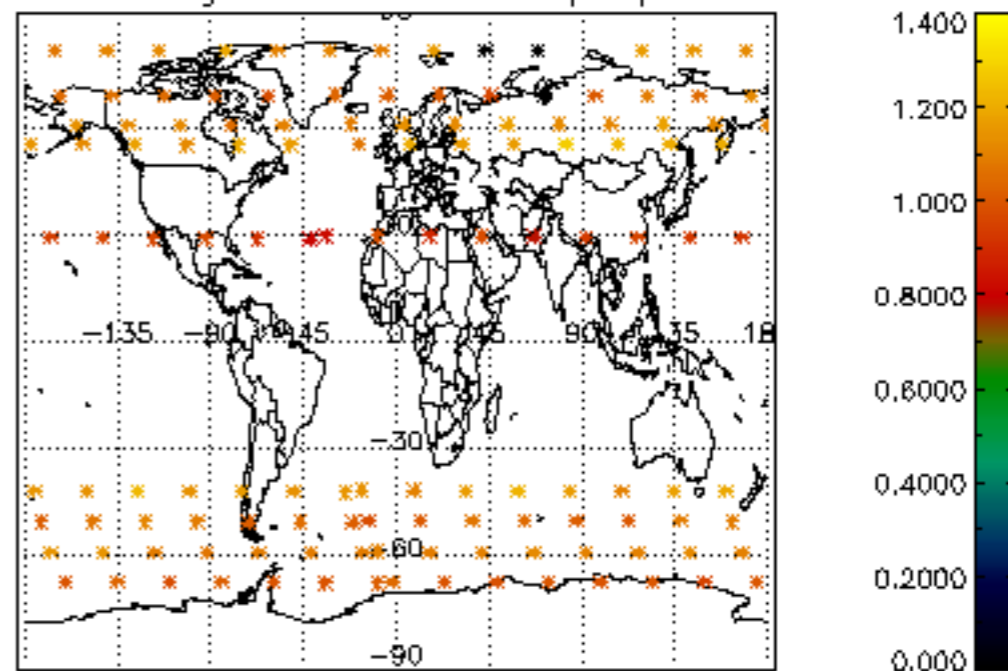




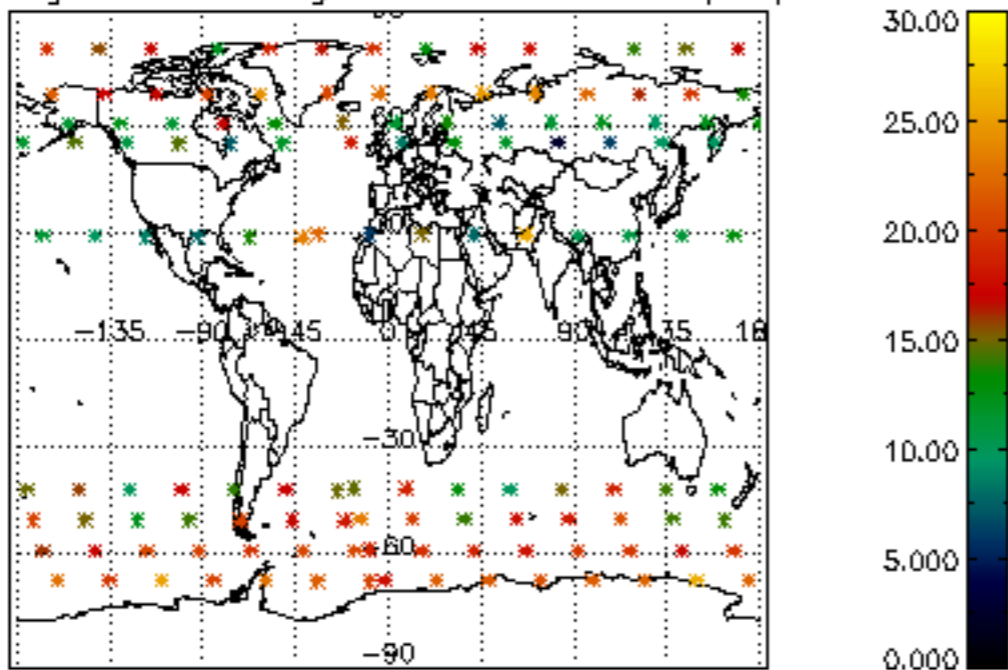
Percentage of cosmic ray hits per profile



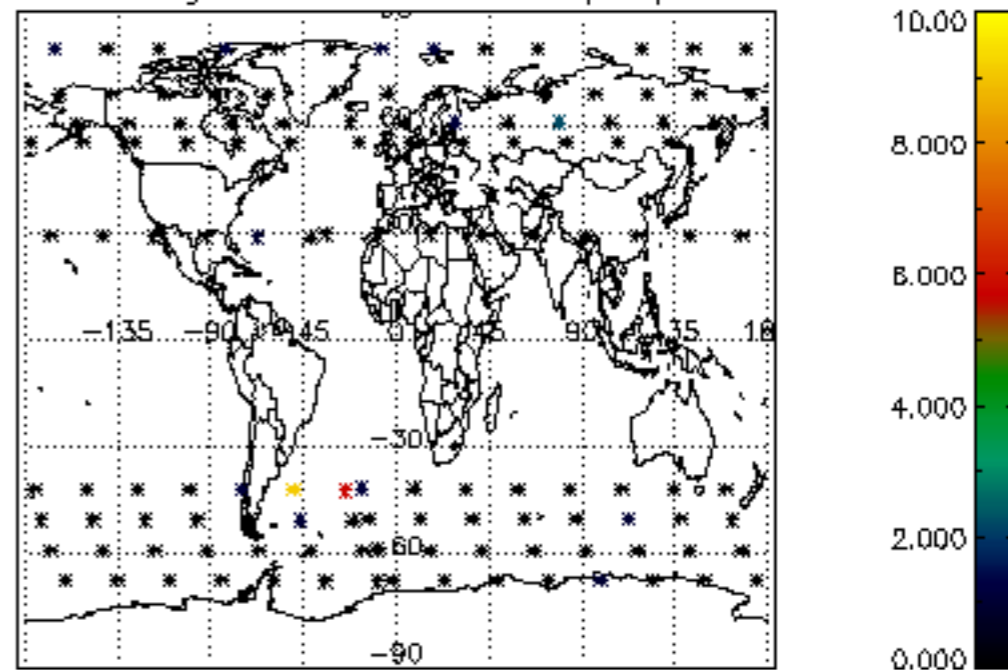
Percentage of datation errors per profile



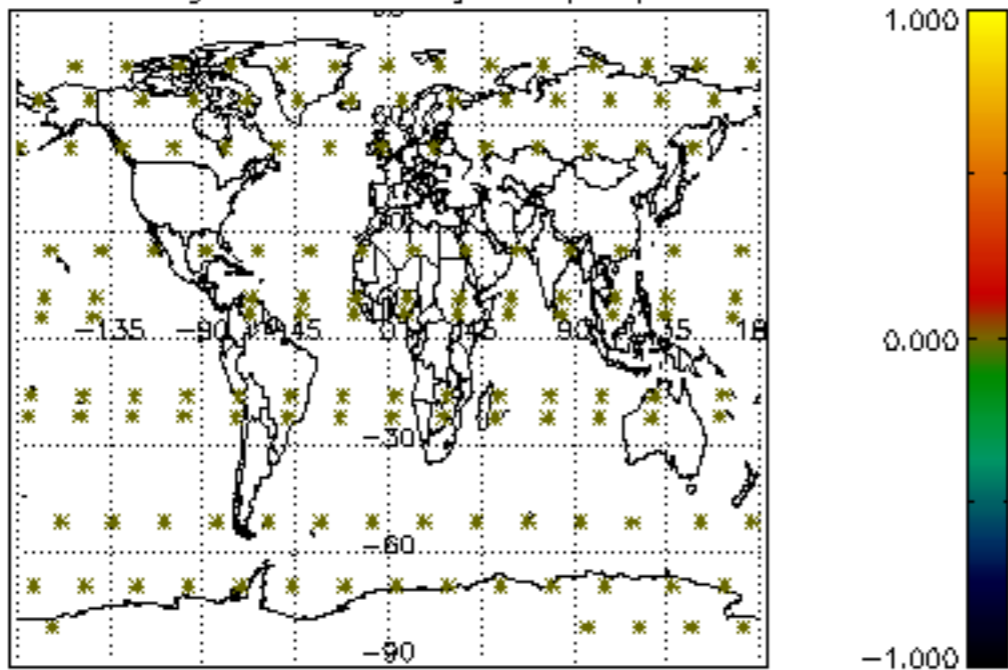
Percentage of star falling outside central band per profile



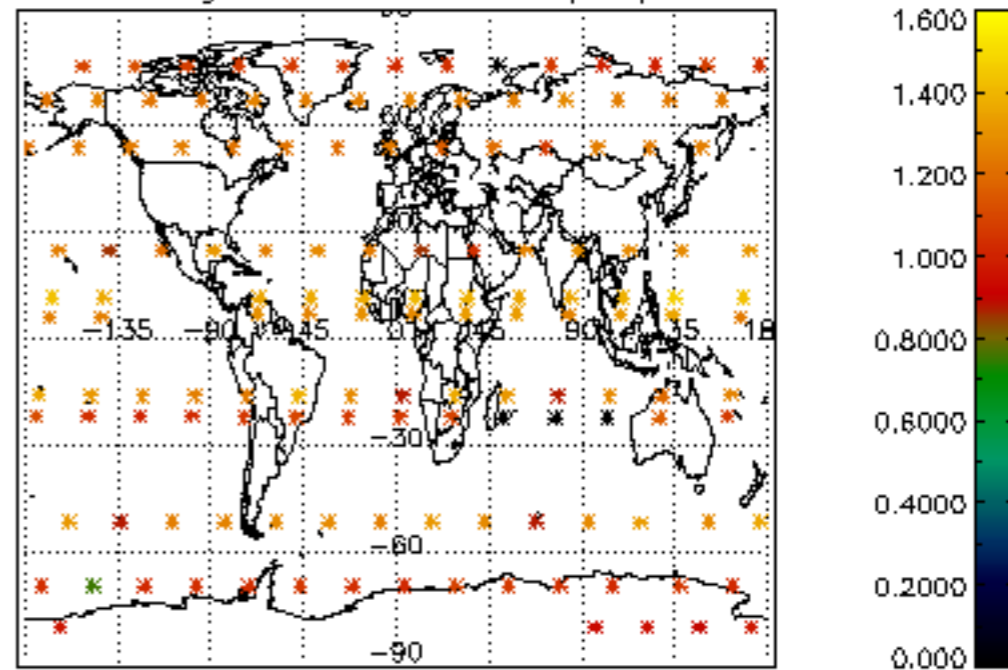
Percentage of saturation errors per profile



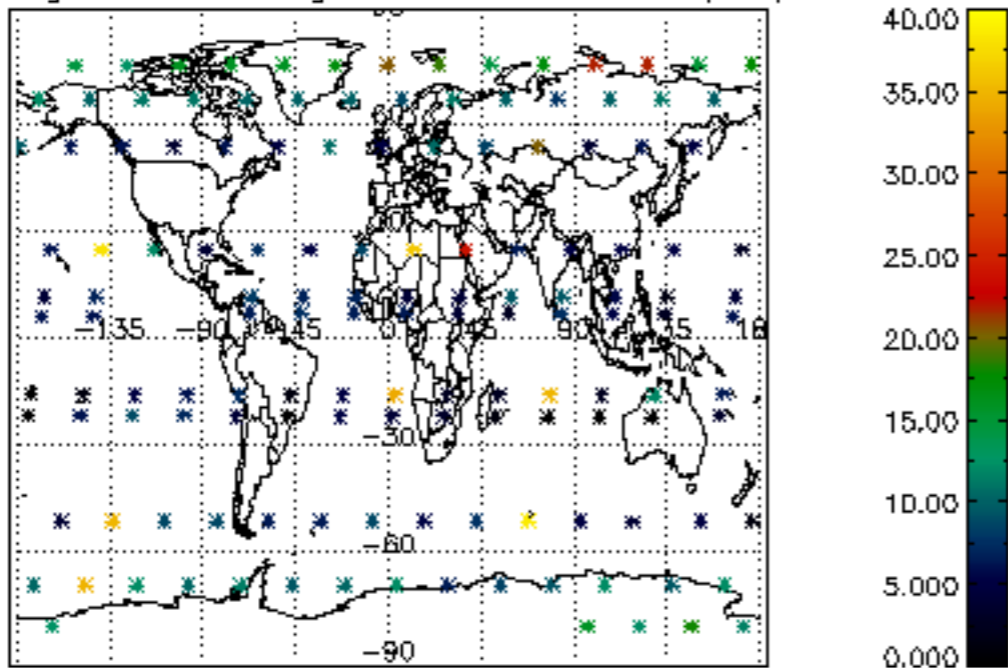
Percentage of cosmic ray hits per profile



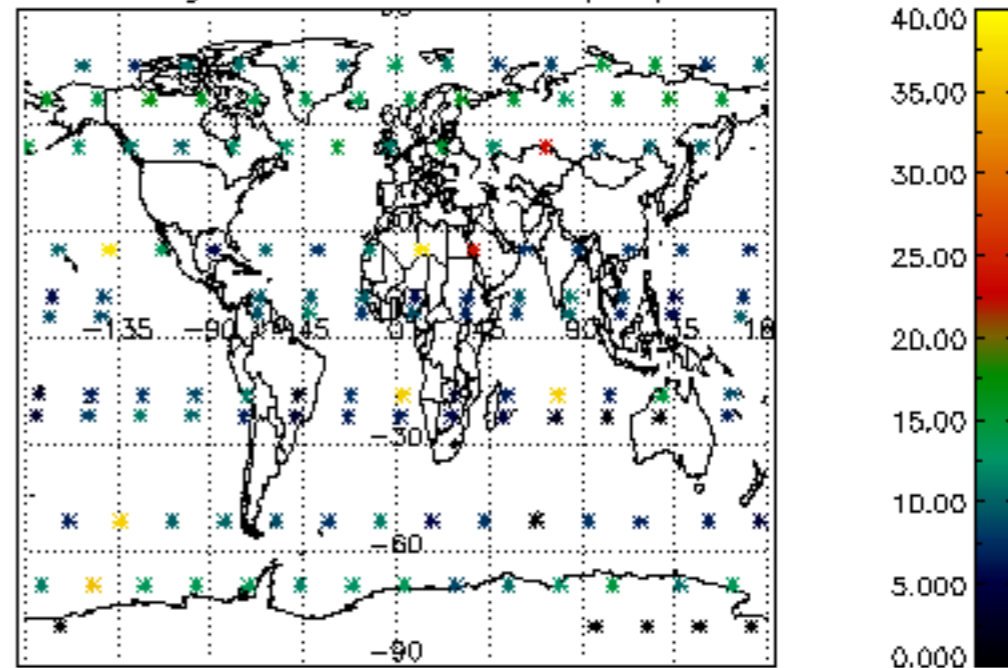
Percentage of datation errors per profile

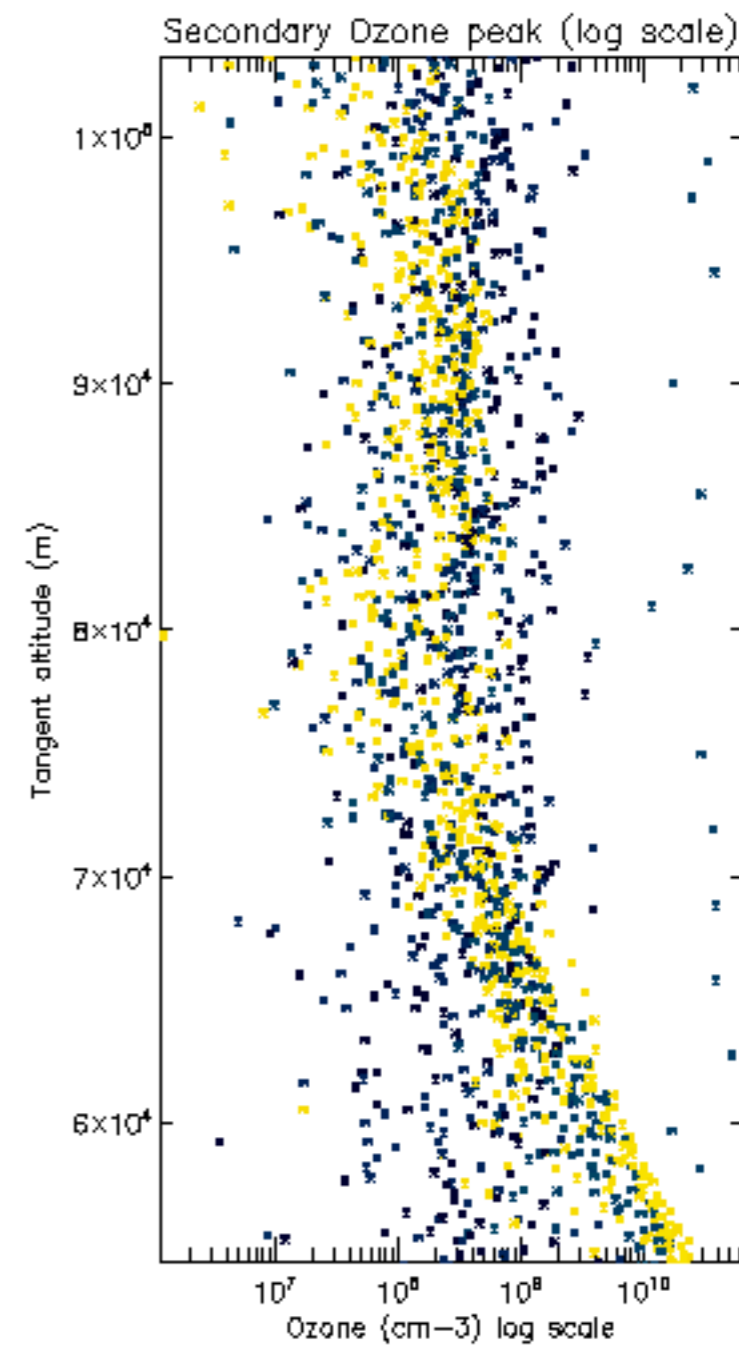
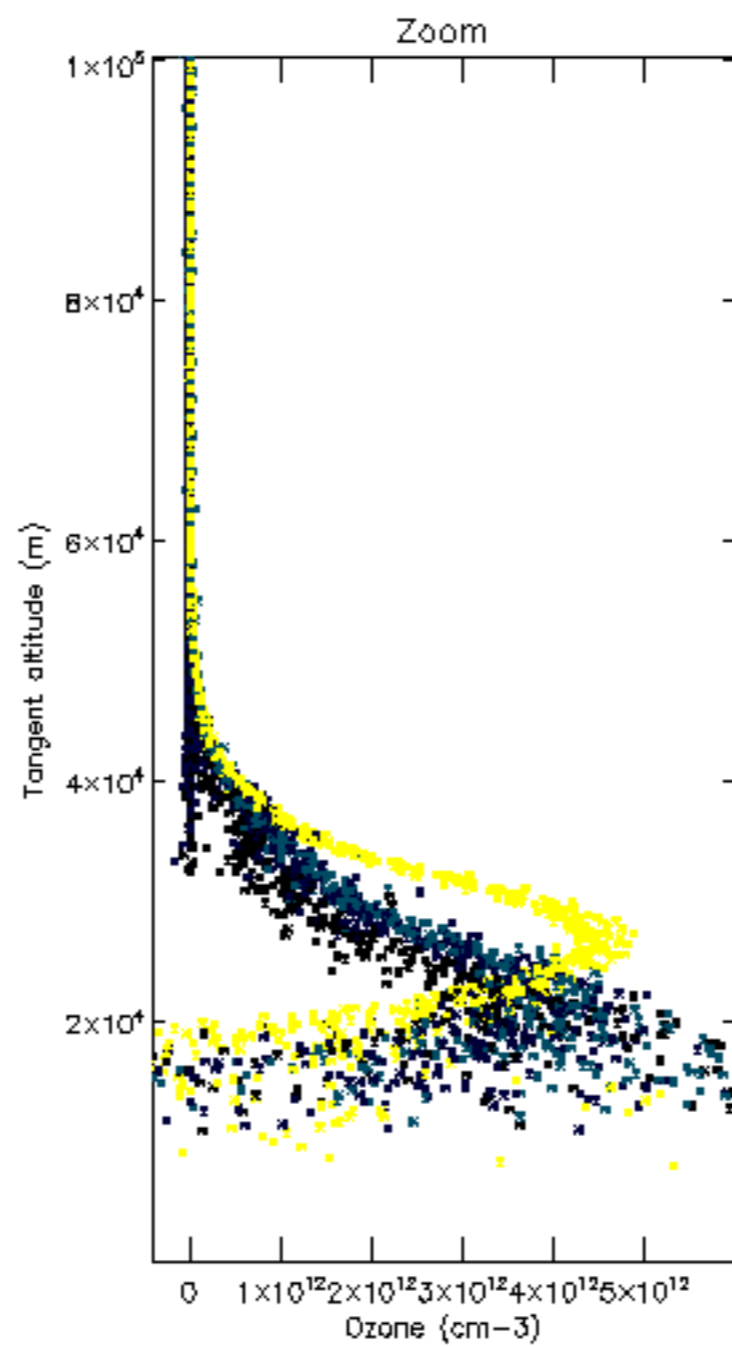
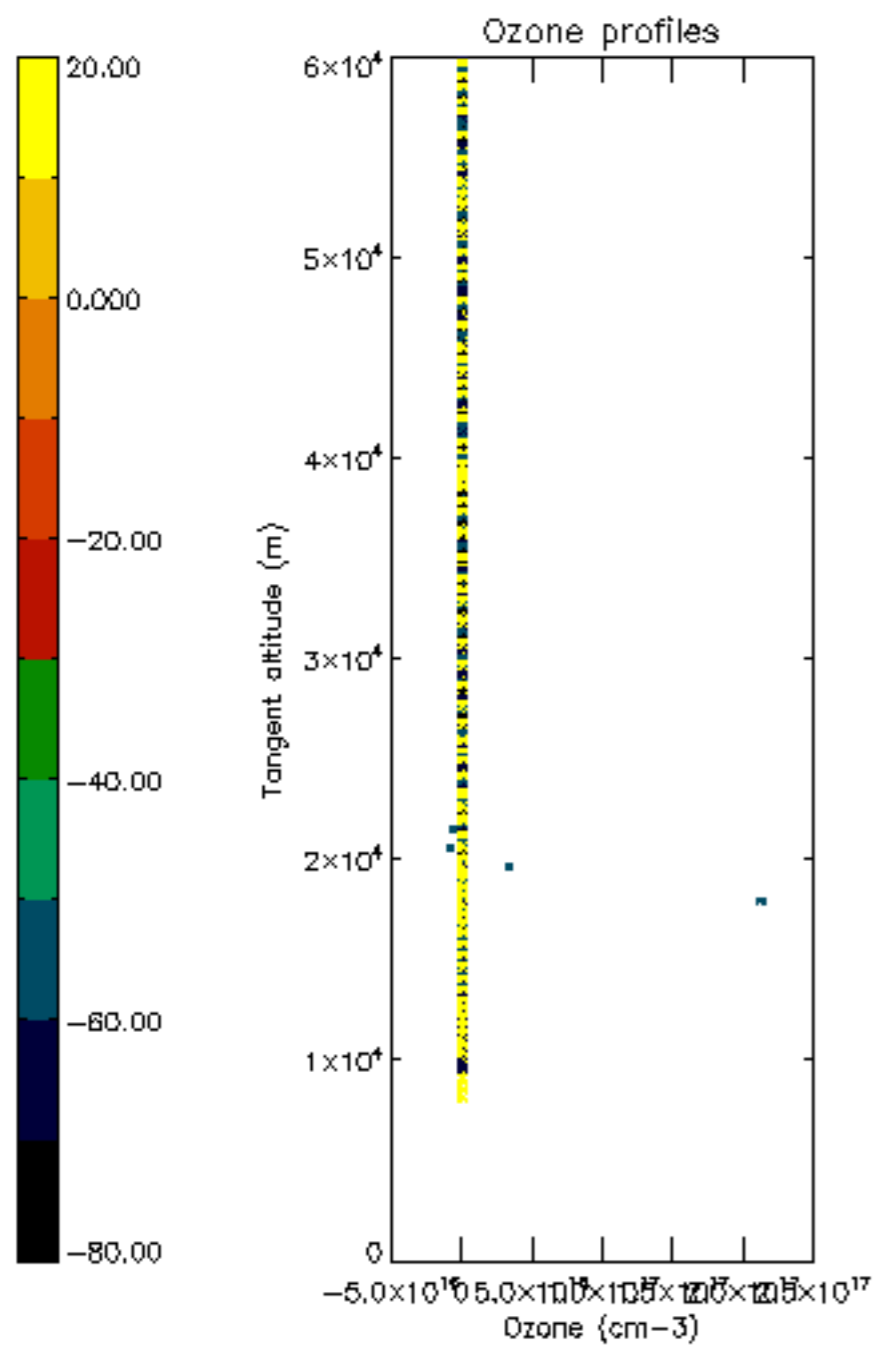


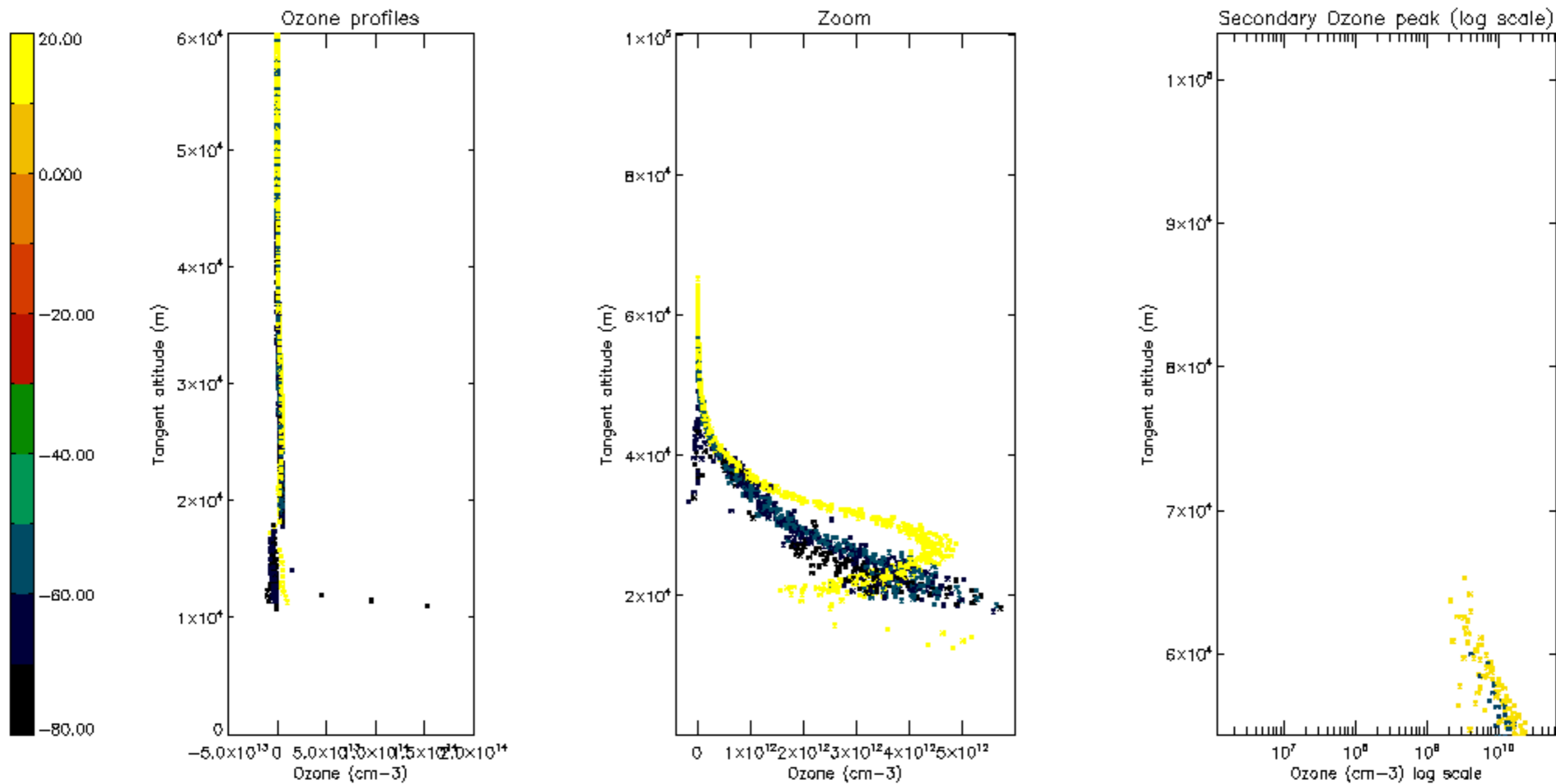
Percentage of star falling outside central band per profile

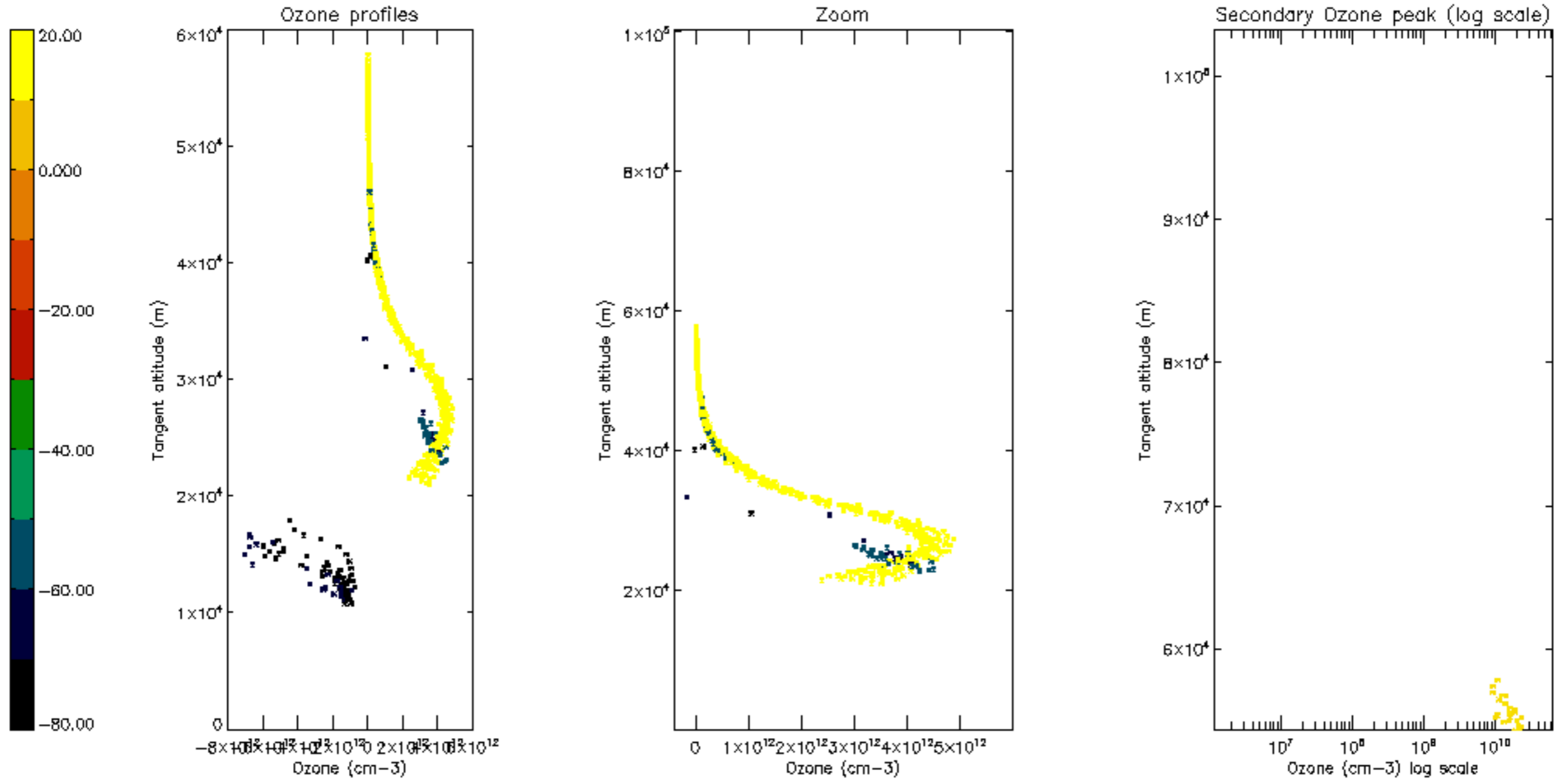


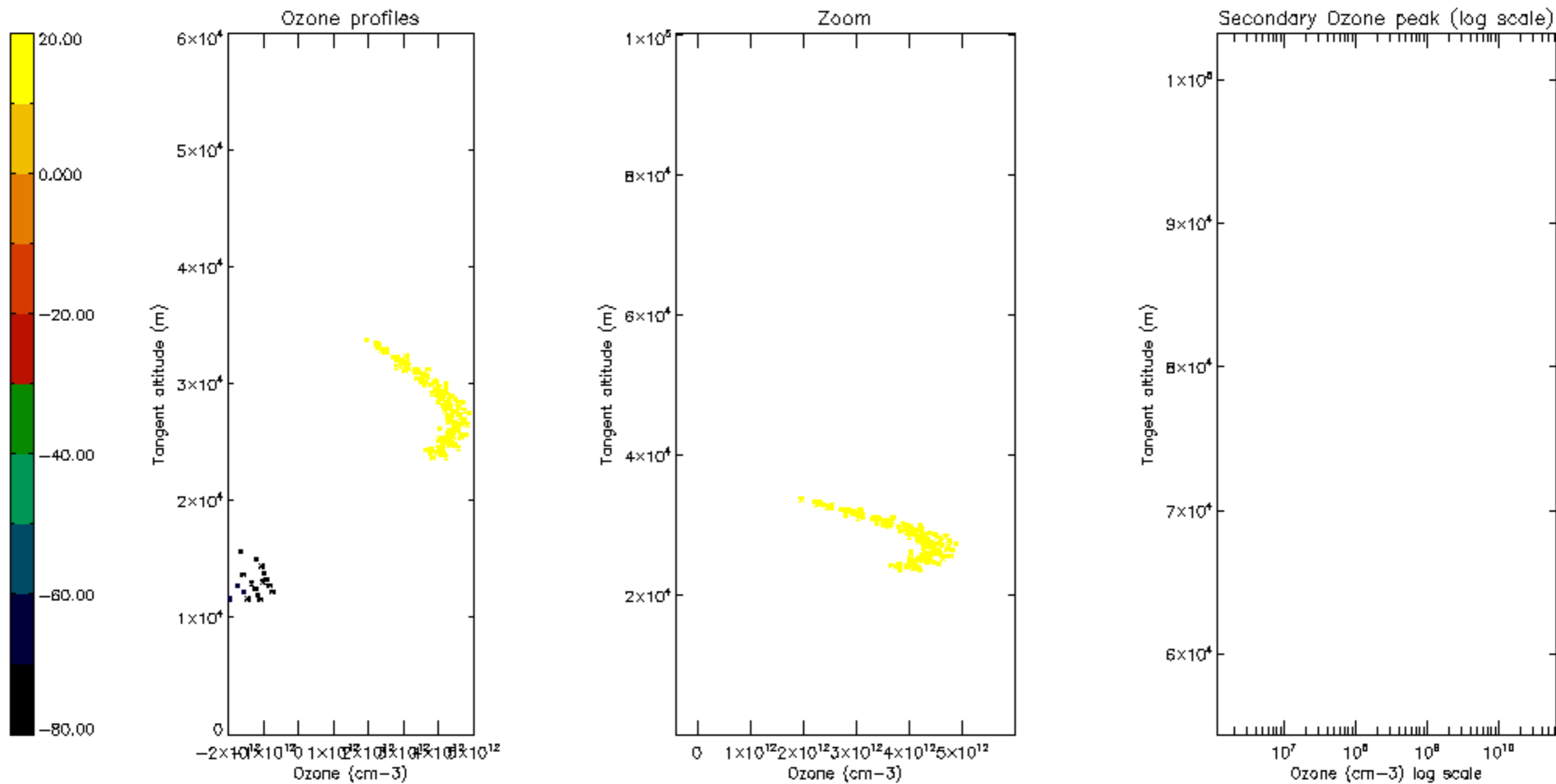
Percentage of saturation errors per profile

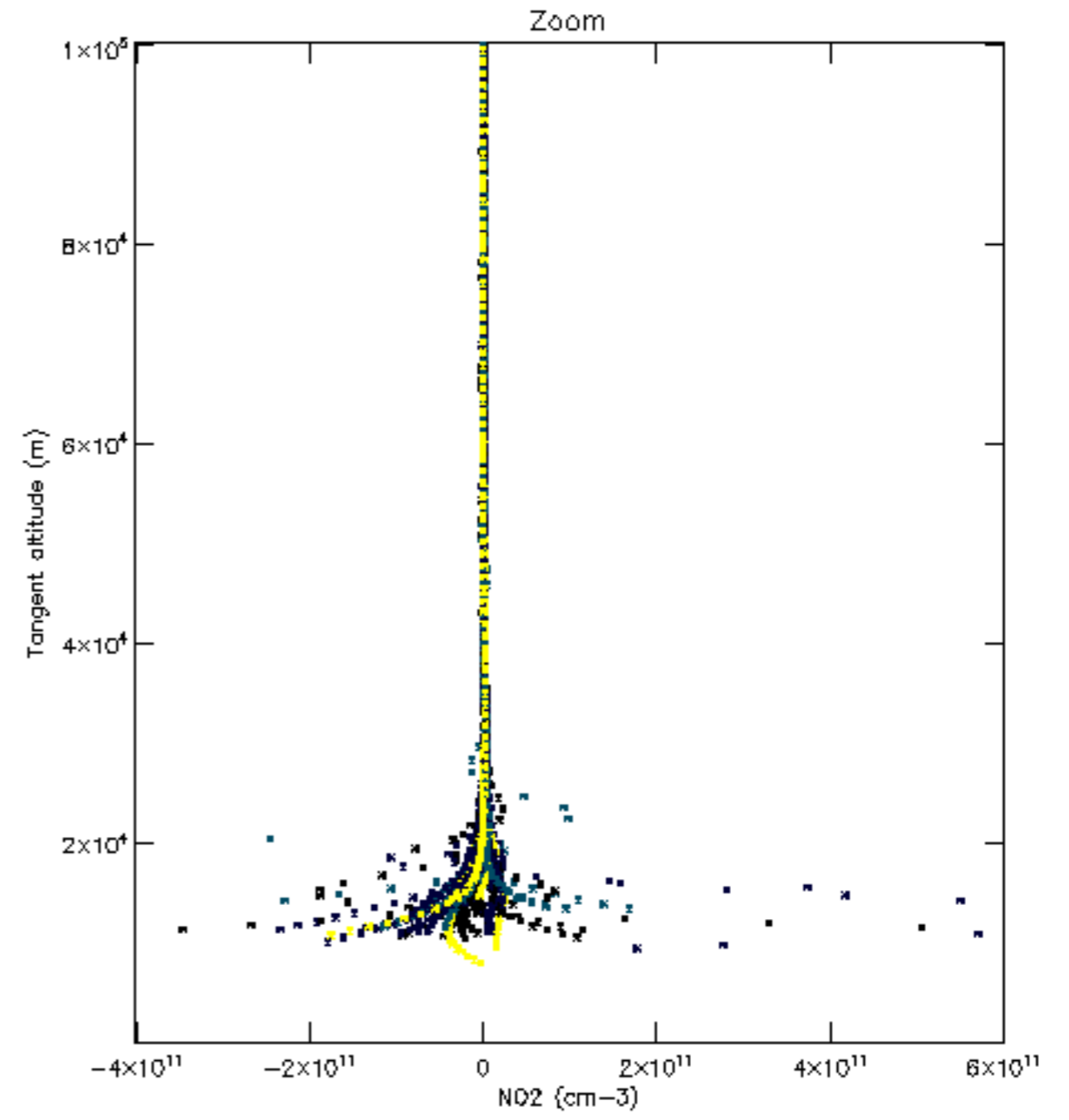
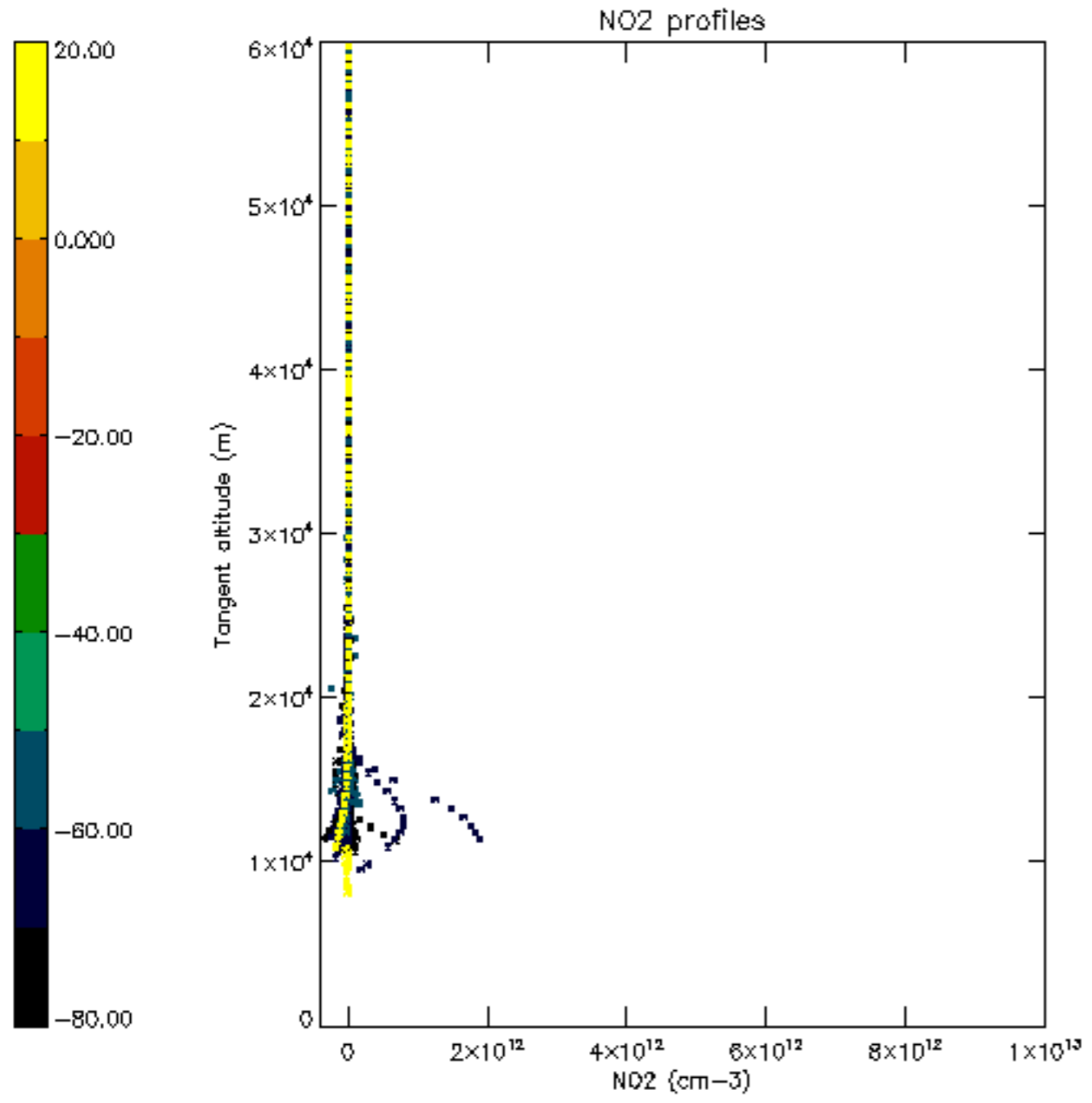


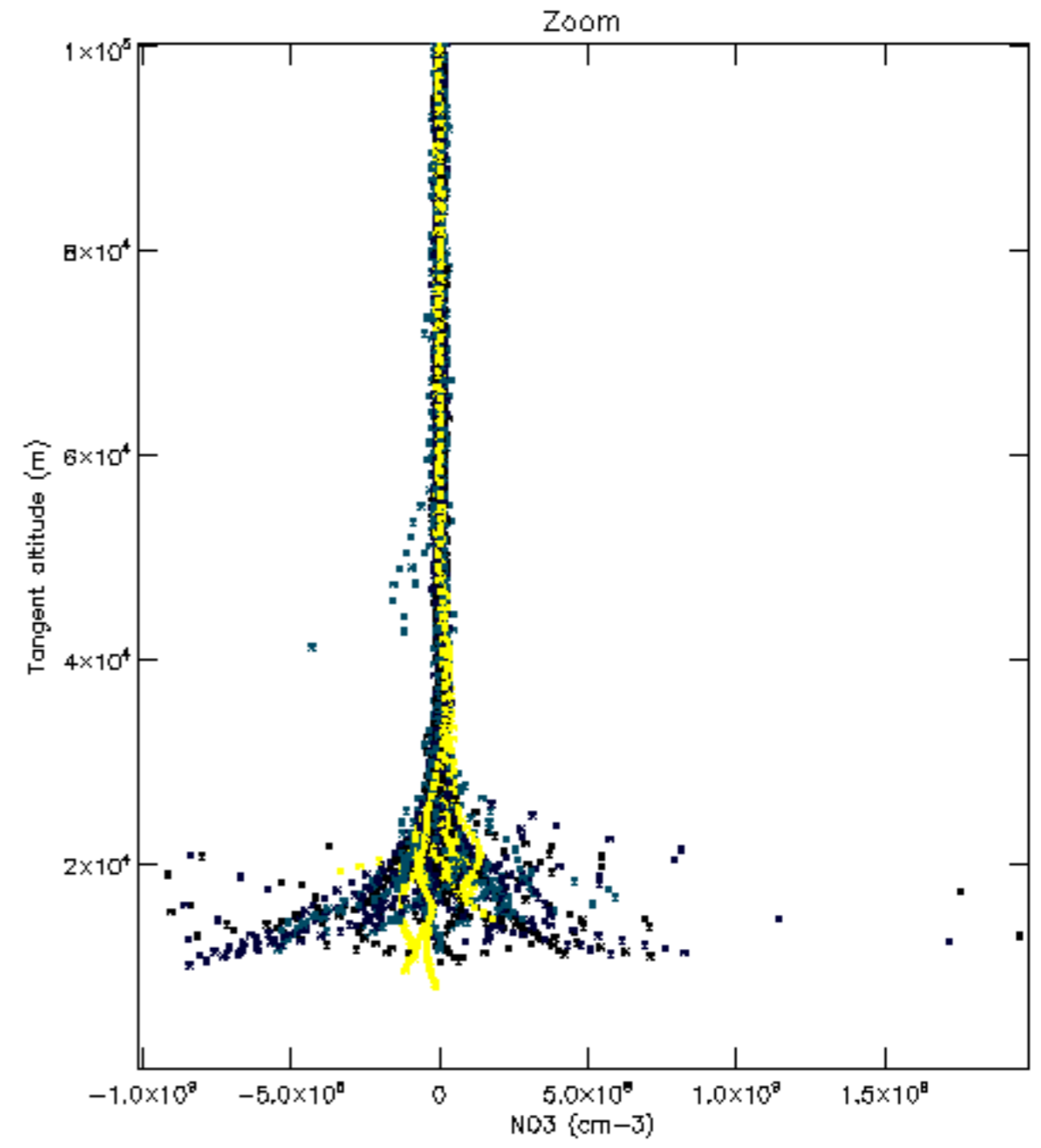
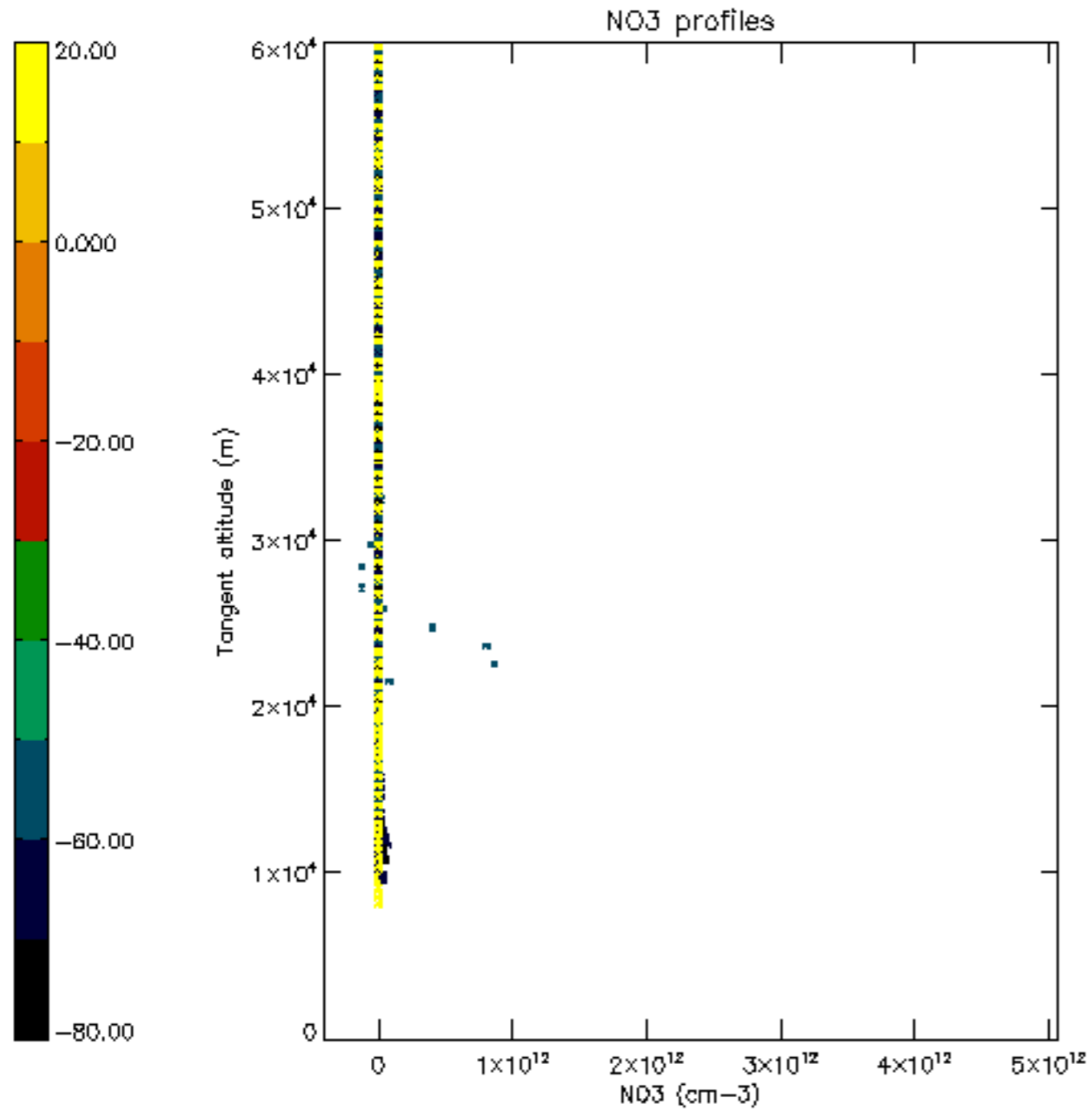


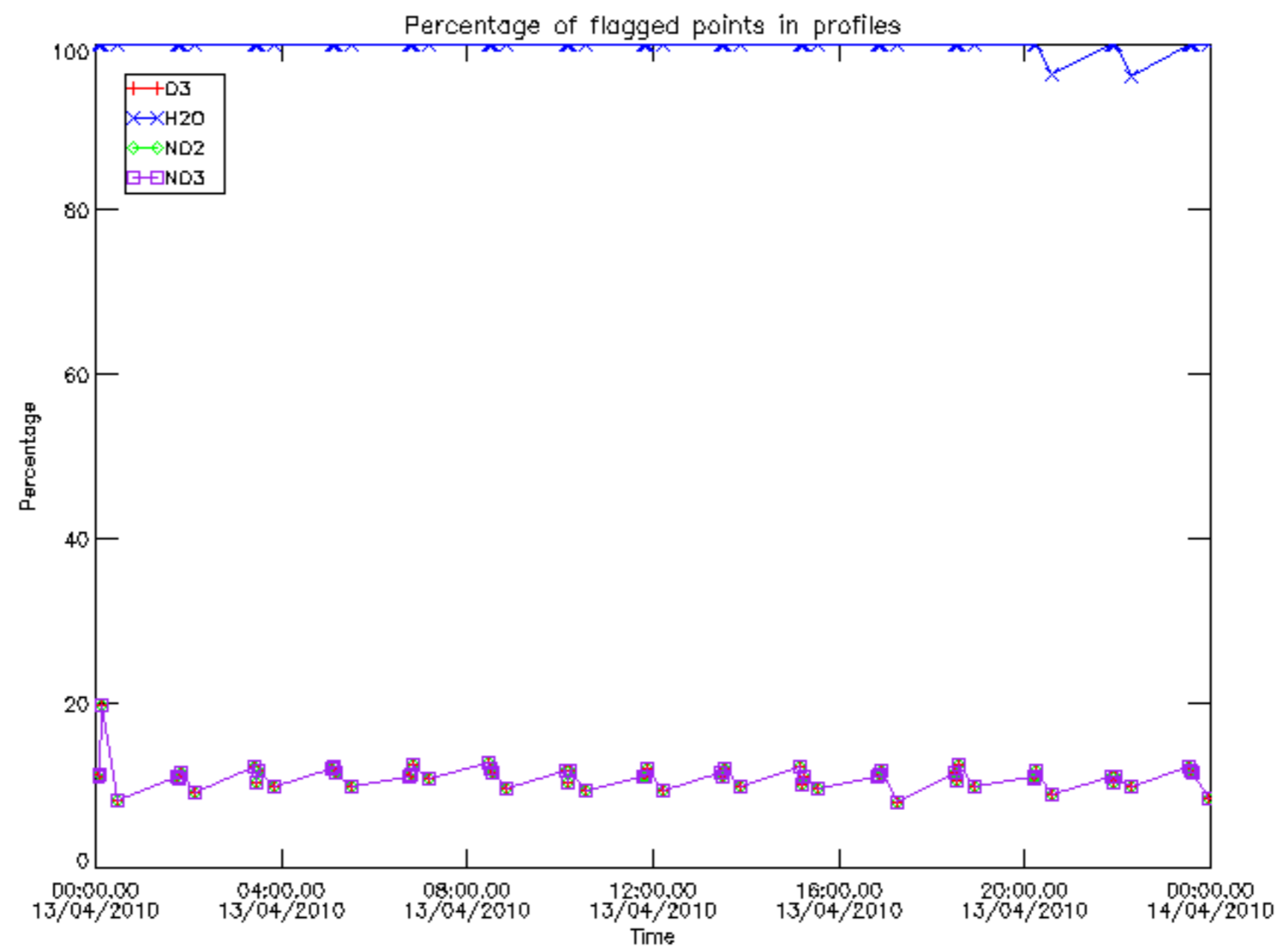




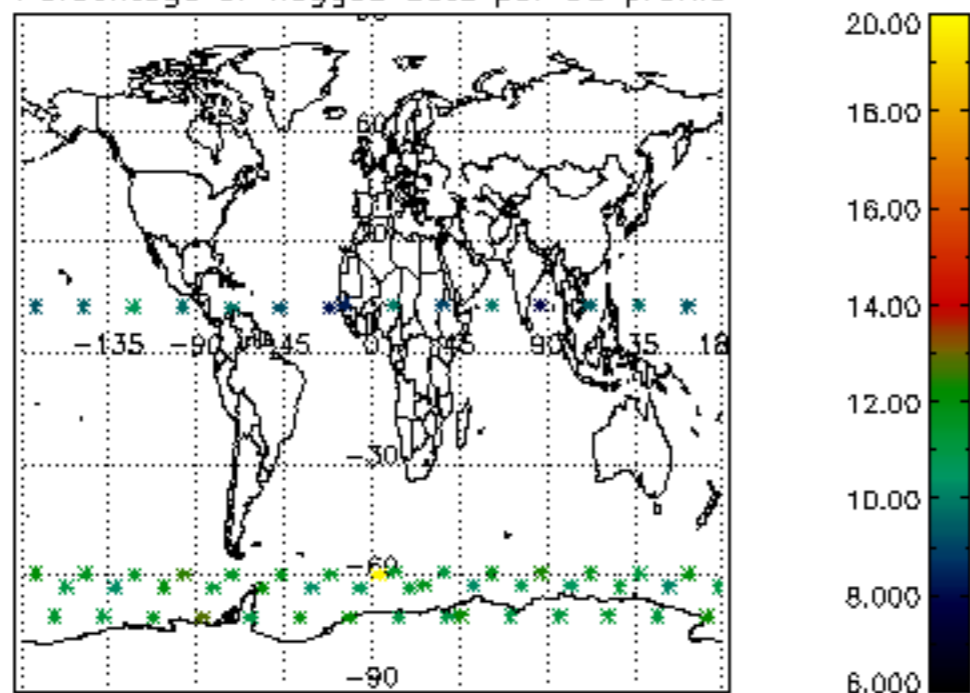




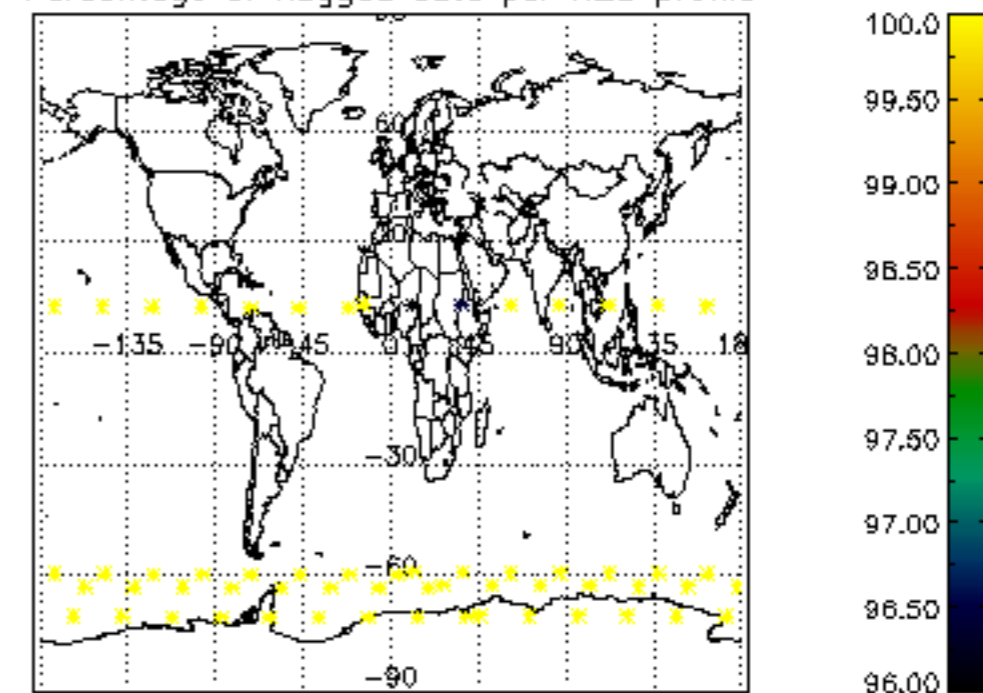




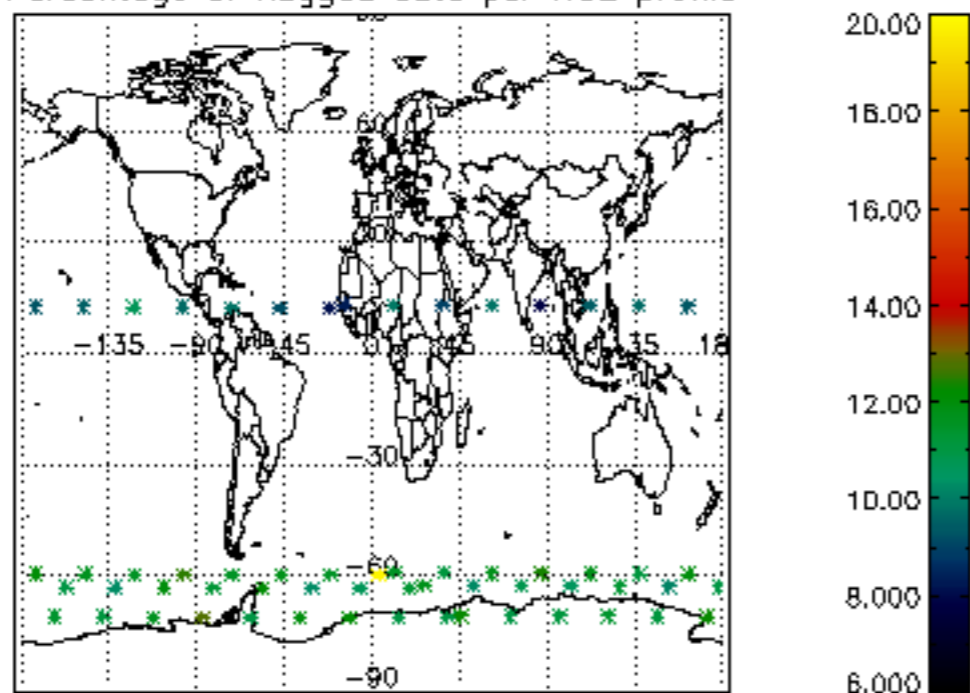
Percentage of flagged data per D3 profile



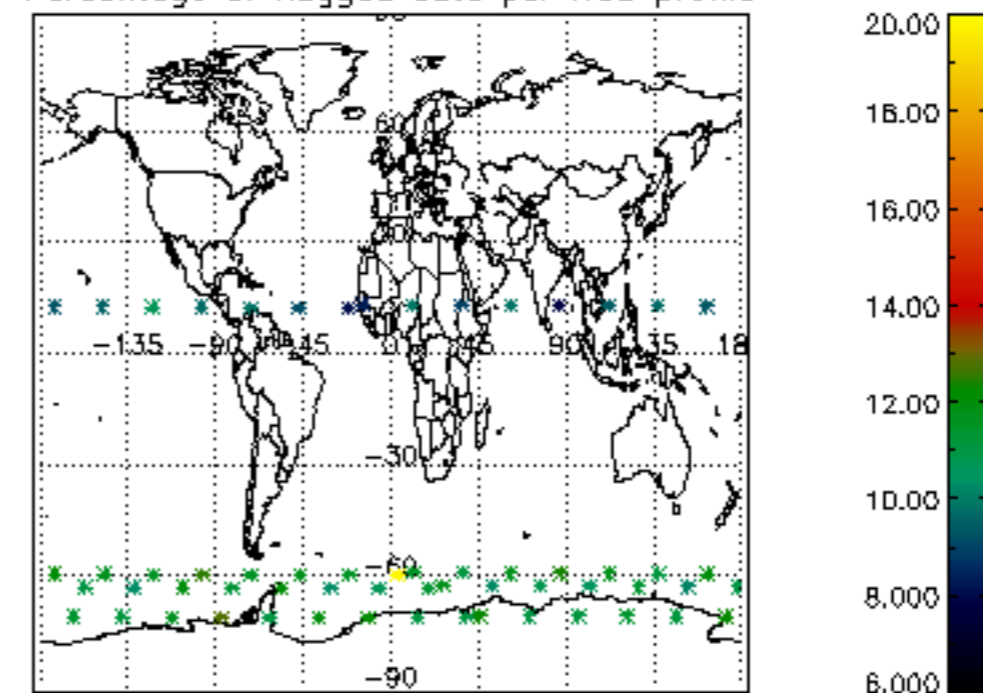
Percentage of flagged data per H2O profile

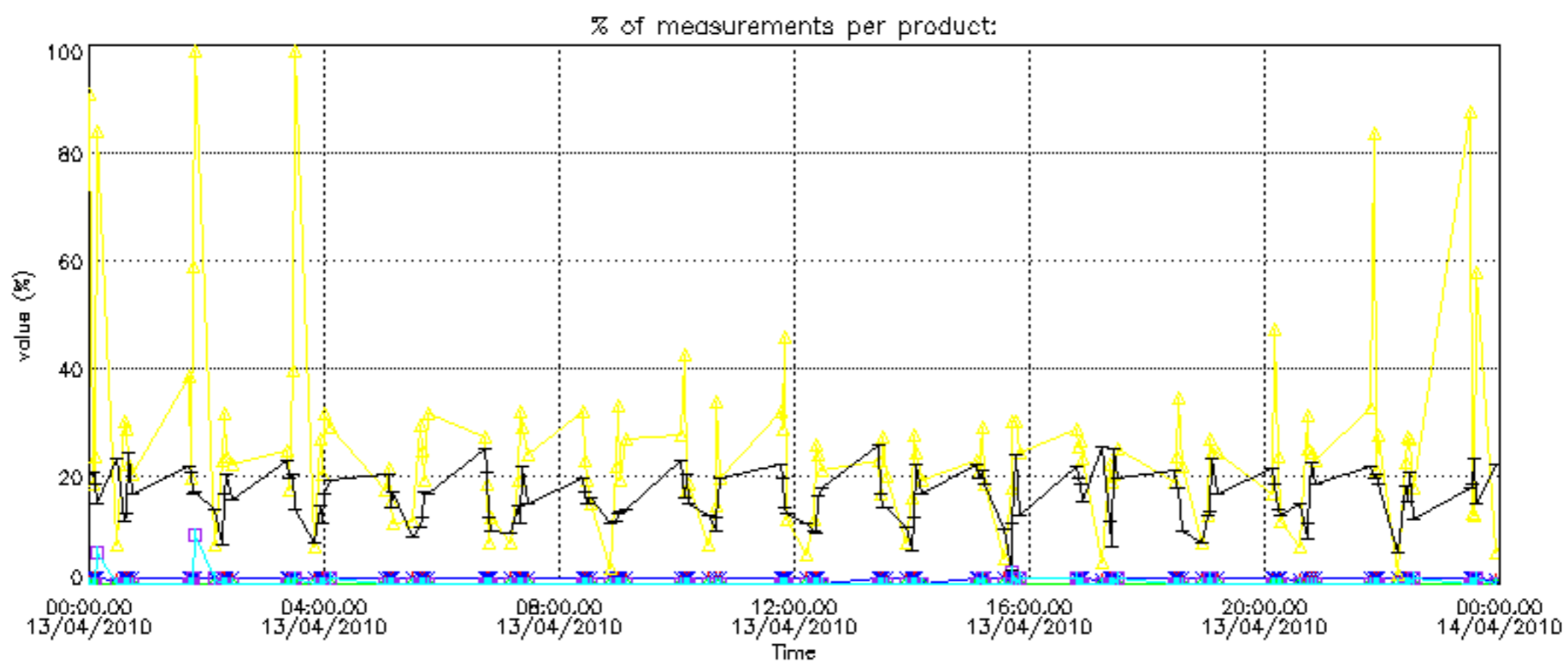


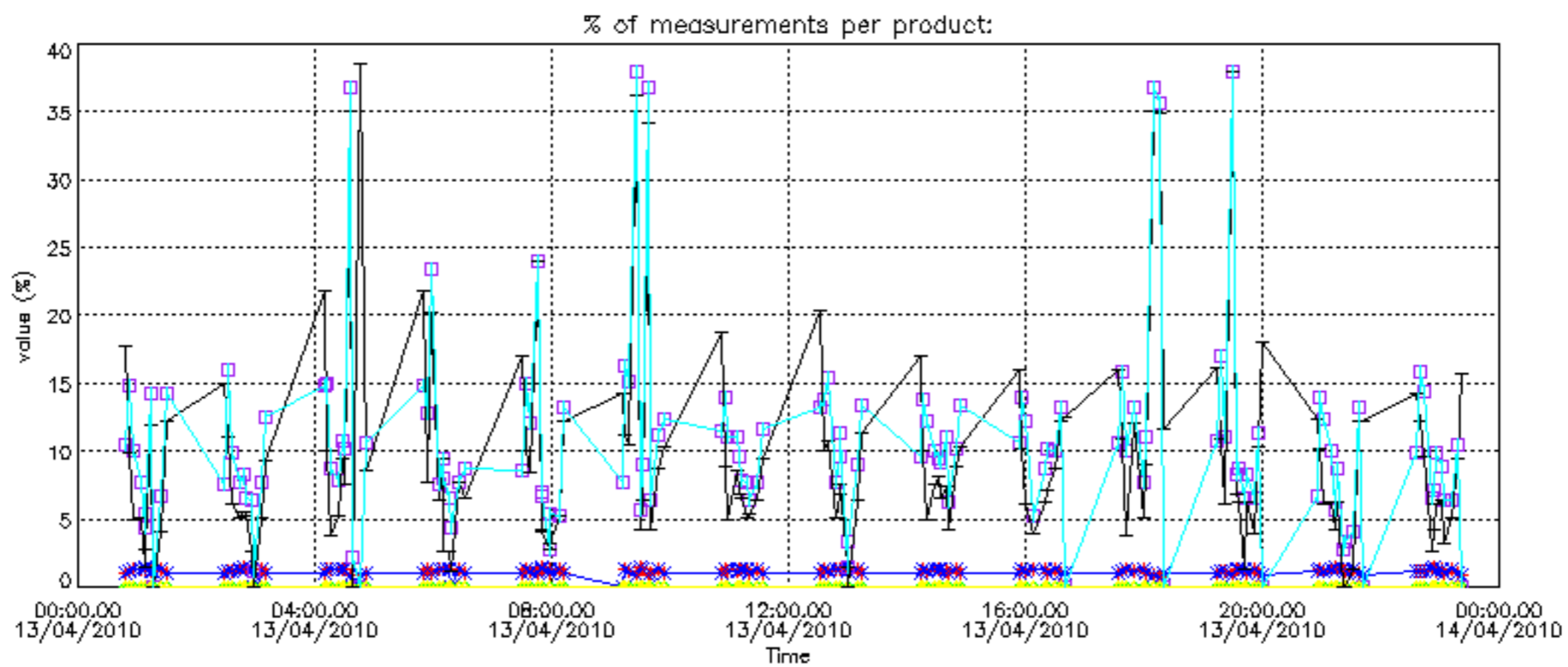
Percentage of flagged data per NO2 profile



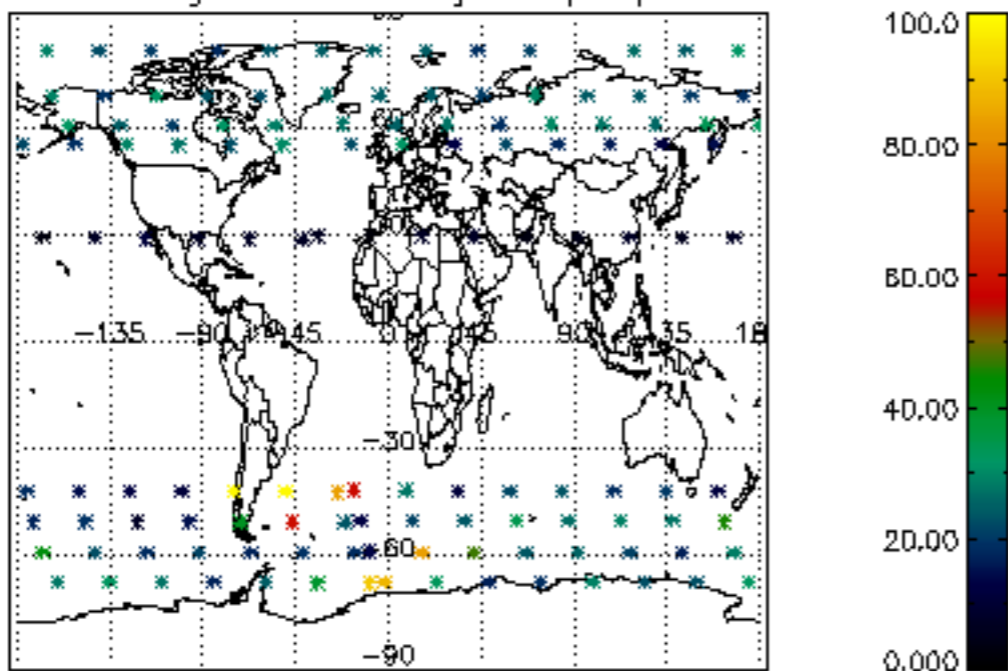
Percentage of flagged data per NO3 profile



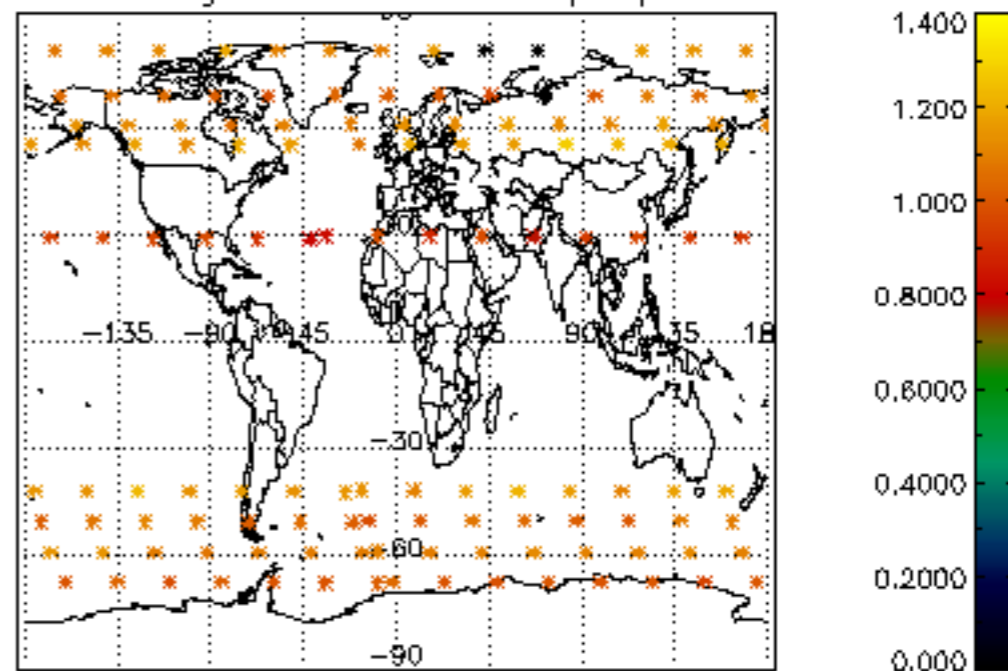




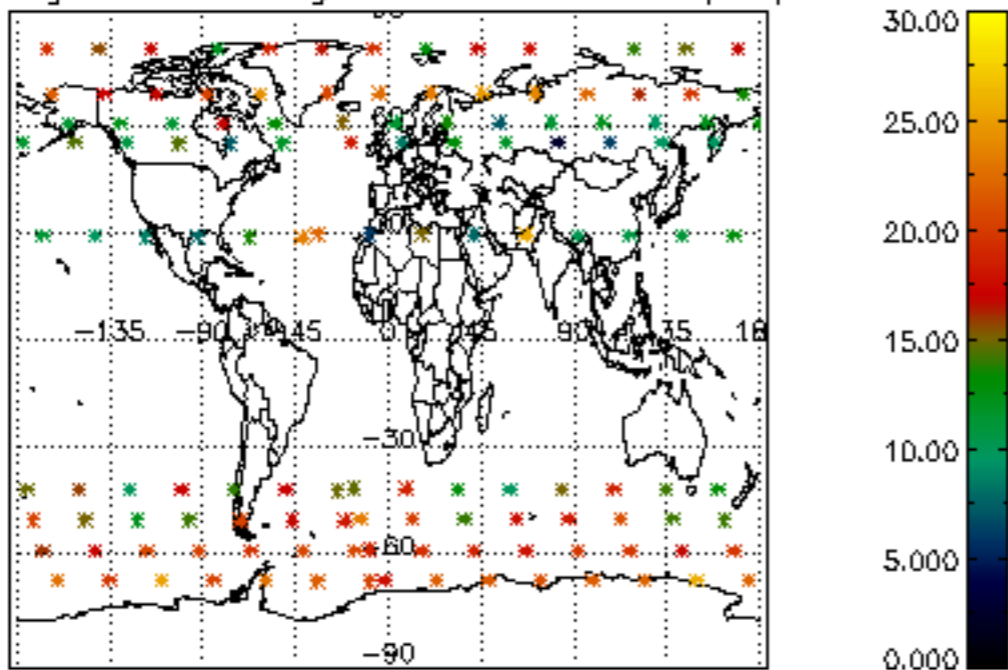
Percentage of cosmic ray hits per profile



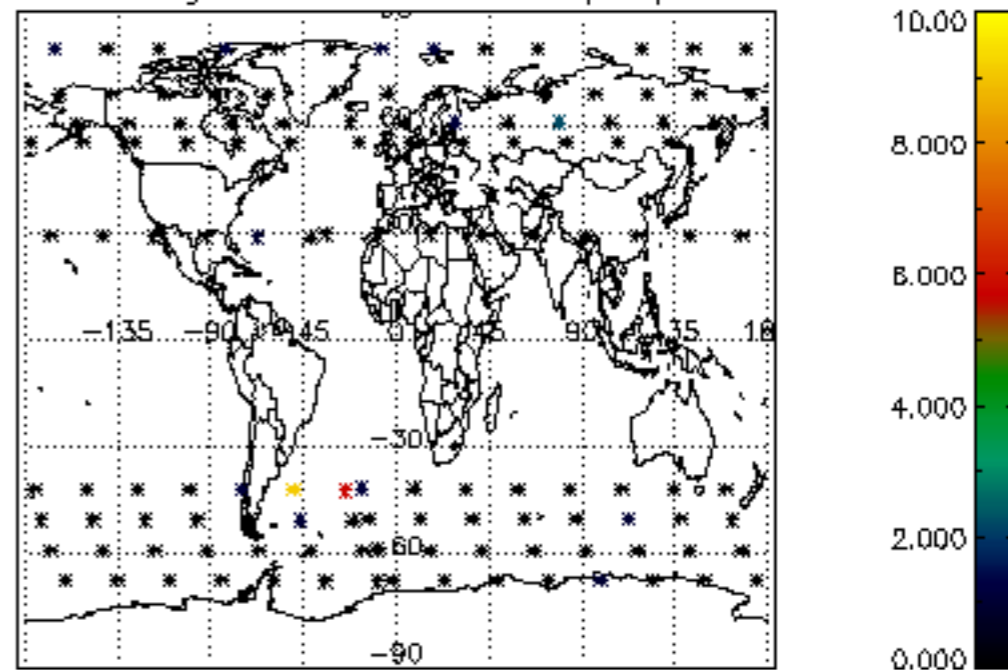
Percentage of datation errors per profile



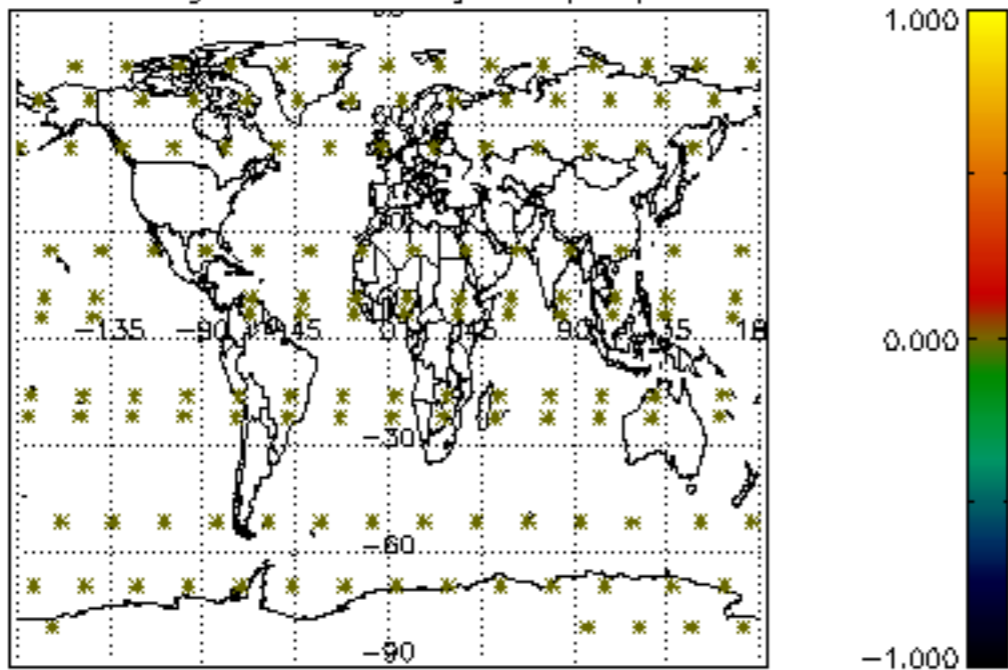
Percentage of star falling outside central band per profile



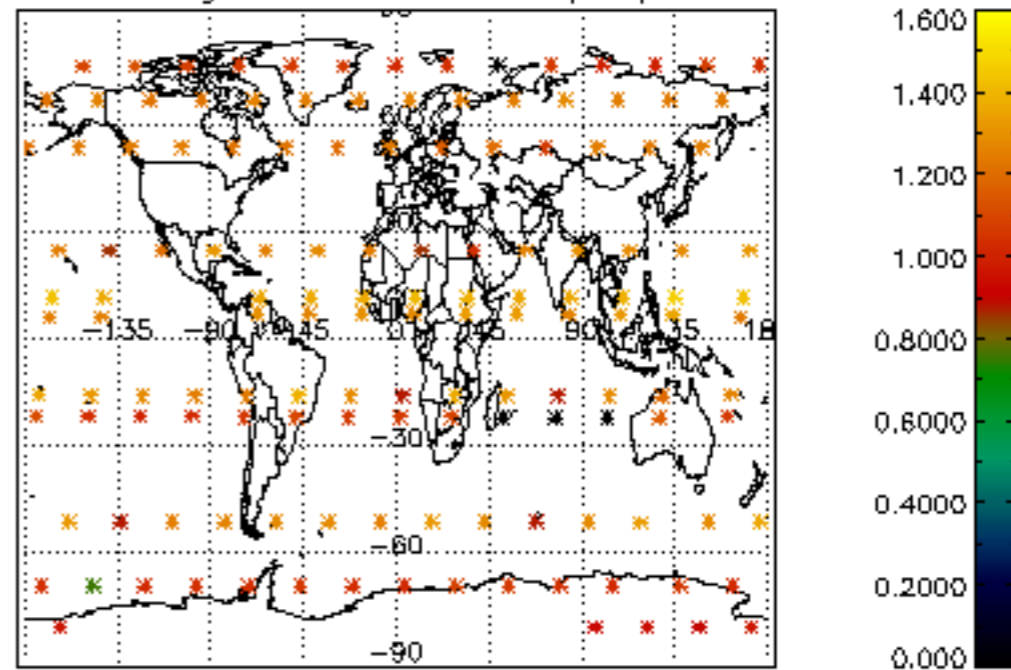
Percentage of saturation errors per profile



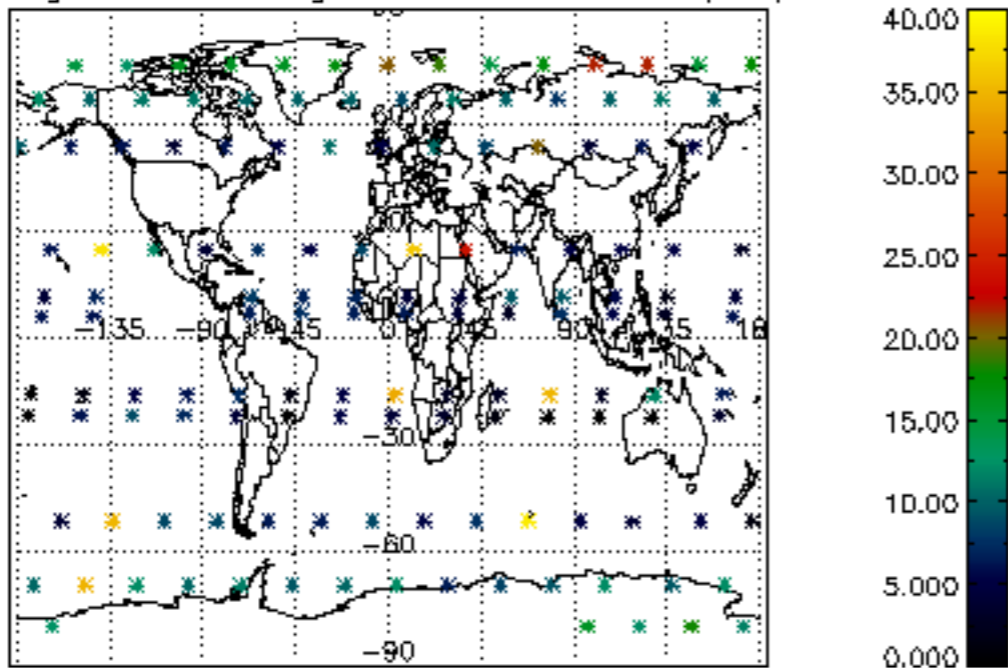
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

