

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	24APR2013 01:54:24
Data source version	GOMOS/6.01
Start time of products	17-07-2006 (17JUL2006 00:00:00)
Stop time of products	18-07-2006 (18JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	248
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__2PRFIN20060717_005452_000000522049_00289_22888_0008.N1	17-JUL-2006 00:54:52	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22888	No
2	GOM_NL__2PRFIN20060717_005819_000000362049_00289_22888_0009.N1	17-JUL-2006 00:58:19	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22888	No
3	GOM_NL__2PRFIN20060717_010222_000000432049_00289_22888_0010.N1	17-JUL-2006 01:02:22	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22888	No
4	GOM_NL__2PRFIN20060717_010612_000000382049_00289_22888_0011.N1	17-JUL-2006 01:06:12	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22888	No
5	GOM_NL__2PRFIN20060717_011413_000000422049_00289_22888_0012.N1	17-JUL-2006 01:14:13	Twi_and_stray	41.500	38	20Eps Sgr	1.8360	11000.	83	22888	No
6	GOM_NL__2PRFIN20060717_011607_000000392049_00289_22888_0013.N1	17-JUL-2006 01:16:07	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22888	No
7	GOM_NL__2PRFIN20060717_011729_000000402049_00289_22888_0014.N1	17-JUL-2006 01:17:29	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	22888	No
8	GOM_NL__2PRFIN20060717_012526_000000362049_00289_22888_0015.N1	17-JUL-2006 01:25:26	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22888	No
9	GOM_NL__2PRFIN20060717_012743_000000352049_00289_22888_0016.N1	17-JUL-2006 01:27:43	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22888	No
10	GOM_NL__2PRFIN20060717_013508_000000412049_00289_22888_0017.N1	17-JUL-2006 01:35:08	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	22888	No
11	GOM_NL__2PRFIN20060717_013831_000000332049_00289_22888_0018.N1	17-JUL-2006 01:38:31	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	22888	No
12	GOM_NL__2PRFIN20060717_014148_000000362049_00289_22888_0019.N1	17-JUL-2006 01:41:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22888	No
13	GOM_NL__2PRFIN20060717_014601_000000332049_00289_22888_0020.N1	17-JUL-2006 01:46:01	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22888	No
14	GOM_NL__2PRFIN20060717_014932_000000352049_00289_22888_0021.N1	17-JUL-2006 01:49:32	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22888	No
15	GOM_NL__2PRFIN20060717_021051_000000542049_00289_22888_0022.N1	17-JUL-2006 02:10:51	Twilight	53.500	13	87Alp Tau	0.86700	3800.0	107	22888	No
16	GOM_NL__2PRFIN20060717_021710_000000392049_00289_22888_0023.N1	17-JUL-2006 02:17:10	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22888	No
17	GOM_NL__2PRFIN20060717_022019_000000482049_00289_22888_0024.N1	17-JUL-2006 02:20:19	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22888	No
18	GOM_NL__2PRFIN20060717_023529_000000412049_00290_22889_0028.N1	17-JUL-2006 02:35:29	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22889	No
19	GOM_NL__2PRFIN20060717_023855_000000372049_00290_22889_0029.N1	17-JUL-2006 02:38:55	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22889	No
20	GOM_NL__2PRFIN20060717_024258_000000422049_00290_22889_0030.N1	17-JUL-2006 02:42:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22889	No
21	GOM_NL__2PRFIN20060717_024648_000000412049_00290_22889_0031.N1	17-JUL-2006 02:46:48	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22889	No
22	GOM_NL__2PRFIN20060717_025449_000000402049_00290_22889_0032.N1	17-JUL-2006 02:54:49	Twi_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	22889	No
23	GOM_NL__2PRFIN20060717_025643_000000382049_00290_22889_0033.N1	17-JUL-2006 02:56:43	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22889	No
24	GOM_NL__2PRFIN20060717_025805_000000392049_00290_22889_0034.N1	17-JUL-2006 02:58:05	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22889	No
25	GOM_NL__2PRFIN20060717_030602_000000352049_00290_22889_0035.N1	17-JUL-2006 03:06:02	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22889	No
26	GOM_NL__2PRFIN20060717_030819_000000362049_00290_22889_0036.N1	17-JUL-2006 03:08:19	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22889	No
27	GOM_NL__2PRFIN20060717_031544_000000402049_00290_22889_0037.N1	17-JUL-2006 03:15:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22889	No
28	GOM_NL__2PRFIN20060717_031907_000000332049_00290_22889_0038.N1	17-JUL-2006 03:19:07	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	22889	No
29	GOM_NL__2PRFIN20060717_032224_000000342049_00290_22889_0039.N1	17-JUL-2006 03:22:24	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22889	No
30	GOM_NL__2PRFIN20060717_032637_000000362049_00290_22889_0040.N1	17-JUL-2006 03:26:37	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22889	No
31	GOM_NL__2PRFIN20060717_033008_000000352049_00290_22889_0041.N1	17-JUL-2006 03:30:08	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22889	No
32	GOM_NL__2PRFIN20060717_035127_000000482049_00290_22889_0042.N1	17-JUL-2006 03:51:27	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	22889	No
33	GOM_NL__2PRFIN20060717_035746_000000402049_00290_22889_0043.N1	17-JUL-2006 03:57:46	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22889	No
34	GOM_NL__2PRFIN20060717_040056_000000482049_00290_22889_0044.N1	17-JUL-2006 04:00:56	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22889	No
35	GOM_NL__2PRFIN20060717_040958_000000422049_00290_22889_0045.N1	17-JUL-2006 04:09:58	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22889	No
36	GOM_NL__2PRFIN20060717_041605_000000502049_00291_22890_0028.N1	17-JUL-2006 04:16:05	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22890	No
37	GOM_NL__2PRFIN20060717_041932_000000372049_00291_22890_0029.N1	17-JUL-2006 04:19:32	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22890	No
38	GOM_NL__2PRFIN20060717_042335_000000412049_00291_22890_0030.N1	17-JUL-2006 04:23:35	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22890	No
39	GOM_NL__2PRFIN20060717_042724_000000382049_00291_22890_0031.N1	17-JUL-2006 04:27:24	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22890	No
40	GOM_NL__2PRFIN20060717_043525_000000412049_00291_22890_0032.N1	17-JUL-2006 04:35:25	Twi_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22890	No
41	GOM_NL__2PRFIN20060717_043719_000000402049_00291_22890_0033.N1	17-JUL-2006 04:37:19	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	22890	No
42	GOM_NL__2PRFIN20060717_043841_000000402049_00291_22890_0034.N1	17-JUL-2006 04:38:41	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	22890	No

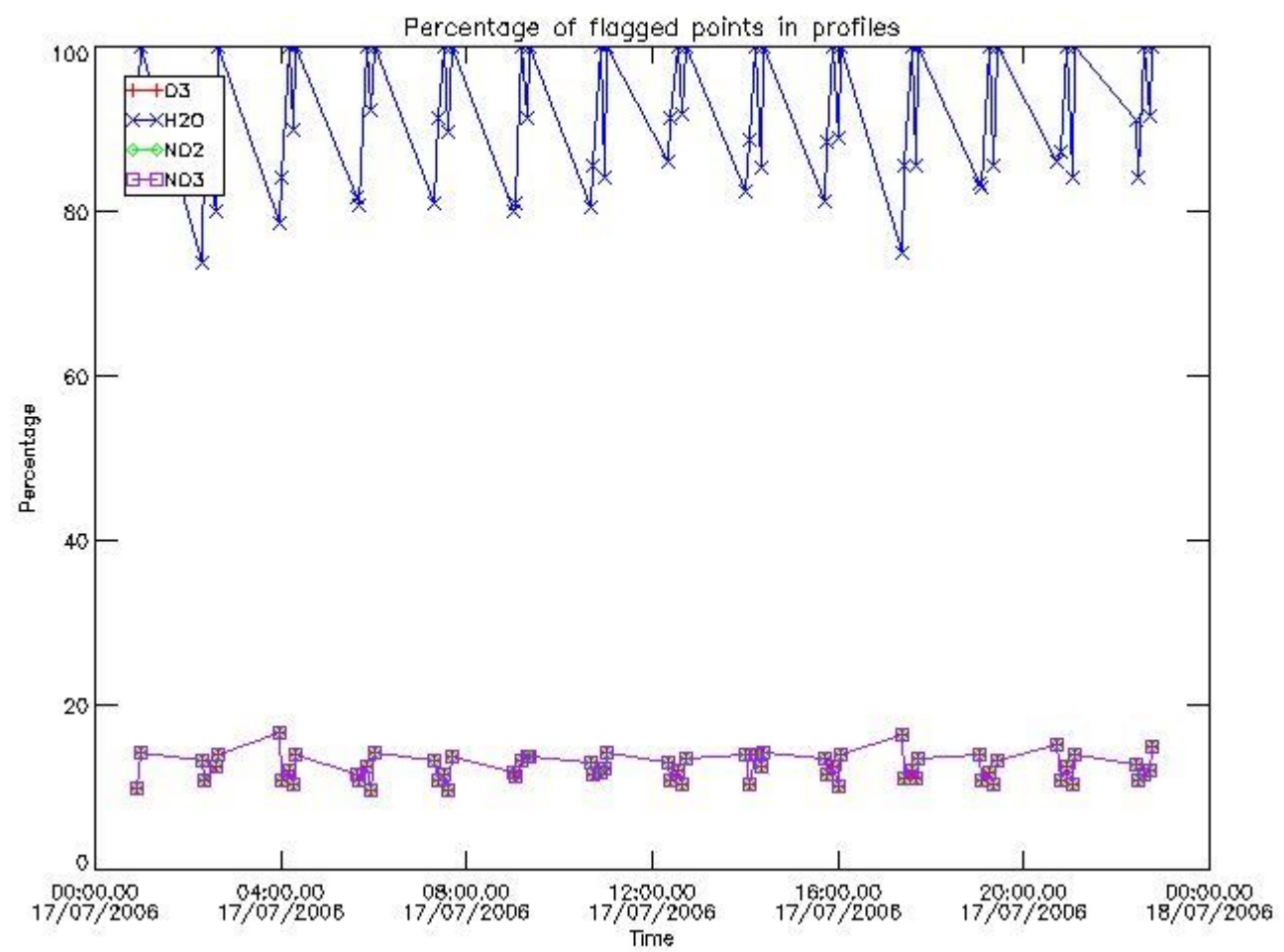
43	GOM_NL__2PRFIN20060717_044638_000000352049_00291_22890_0035.N1	17-JUL-2006 04:46:38	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22890	No
44	GOM_NL__2PRFIN20060717_044856_000000362049_00291_22890_0036.N1	17-JUL-2006 04:48:56	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22890	No
45	GOM_NL__2PRFIN20060717_045620_000000402049_00291_22890_0037.N1	17-JUL-2006 04:56:20	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	22890	No
46	GOM_NL__2PRFIN20060717_045943_000000382049_00291_22890_0038.N1	17-JUL-2006 04:59:43	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22890	No
47	GOM_NL__2PRFIN20060717_050300_000000342049_00291_22890_0039.N1	17-JUL-2006 05:03:00	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	22890	No
48	GOM_NL__2PRFIN20060717_050714_000000352049_00291_22890_0040.N1	17-JUL-2006 05:07:14	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22890	No
49	GOM_NL__2PRFIN20060717_051044_000000362049_00291_22890_0041.N1	17-JUL-2006 05:10:44	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22890	No
50	GOM_NL__2PRFIN20060717_053203_000000482049_00291_22890_0042.N1	17-JUL-2006 05:32:03	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	22890	No
51	GOM_NL__2PRFIN20060717_053822_000000442049_00291_22890_0043.N1	17-JUL-2006 05:38:22	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	22890	No
52	GOM_NL__2PRFIN20060717_054132_000000472049_00291_22890_0044.N1	17-JUL-2006 05:41:32	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	22890	No
53	GOM_NL__2PRFIN20060717_055034_000000412049_00291_22890_0045.N1	17-JUL-2006 05:50:34	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22890	No
54	GOM_NL__2PRFIN20060717_055642_000000532049_00292_22891_0028.N1	17-JUL-2006 05:56:42	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22891	No
55	GOM_NL__2PRFIN20060717_060008_000000362049_00292_22891_0029.N1	17-JUL-2006 06:00:08	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22891	No
56	GOM_NL__2PRFIN20060717_060411_000000432049_00292_22891_0030.N1	17-JUL-2006 06:04:11	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22891	No
57	GOM_NL__2PRFIN20060717_060801_000000402049_00292_22891_0031.N1	17-JUL-2006 06:08:01	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22891	No
58	GOM_NL__2PRFIN20060717_061601_000000432049_00292_22891_0032.N1	17-JUL-2006 06:16:01	Twilight	43.000	38	20Eps Sgr	1.8360	11000.	86	22891	No
59	GOM_NL__2PRFIN20060717_061755_000000392049_00292_22891_0033.N1	17-JUL-2006 06:17:55	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22891	No
60	GOM_NL__2PRFIN20060717_061917_000000392049_00292_22891_0034.N1	17-JUL-2006 06:19:17	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22891	No
61	GOM_NL__2PRFIN20060717_062714_000000352049_00292_22891_0035.N1	17-JUL-2006 06:27:14	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22891	No
62	GOM_NL__2PRFIN20060717_062932_000000362049_00292_22891_0036.N1	17-JUL-2006 06:29:32	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22891	No
63	GOM_NL__2PRFIN20060717_063656_000000412049_00292_22891_0037.N1	17-JUL-2006 06:36:56	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	22891	No
64	GOM_NL__2PRFIN20060717_064019_000000392049_00292_22891_0038.N1	17-JUL-2006 06:40:19	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22891	No
65	GOM_NL__2PRFIN20060717_064336_000000362049_00292_22891_0039.N1	17-JUL-2006 06:43:36	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22891	No
66	GOM_NL__2PRFIN20060717_064750_000000352049_00292_22891_0040.N1	17-JUL-2006 06:47:50	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22891	No
67	GOM_NL__2PRFIN20060717_065120_000000352049_00292_22891_0041.N1	17-JUL-2006 06:51:20	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22891	No
68	GOM_NL__2PRFIN20060717_071240_000000472049_00292_22891_0042.N1	17-JUL-2006 07:12:40	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22891	No
69	GOM_NL__2PRFIN20060717_071858_000000432049_00292_22891_0043.N1	17-JUL-2006 07:18:58	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22891	No
70	GOM_NL__2PRFIN20060717_072209_000000472049_00292_22891_0044.N1	17-JUL-2006 07:22:09	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	22891	No
71	GOM_NL__2PRFIN20060717_073111_000000442049_00292_22891_0045.N1	17-JUL-2006 07:31:11	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22891	No
72	GOM_NL__2PRFIN20060717_073718_000000532049_00293_22892_0028.N1	17-JUL-2006 07:37:18	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22892	No
73	GOM_NL__2PRFIN20060717_074044_000000372049_00293_22892_0029.N1	17-JUL-2006 07:40:44	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22892	No
74	GOM_NL__2PRFIN20060717_074448_000000492049_00293_22892_0030.N1	17-JUL-2006 07:44:48	Straylight	48.500	148	Alp Tuc	2.8780	4100.0	97	22892	No
75	GOM_NL__2PRFIN20060717_074837_000000392049_00293_22892_0031.N1	17-JUL-2006 07:48:37	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22892	No
76	GOM_NL__2PRFIN20060717_075638_000000422049_00293_22892_0032.N1	17-JUL-2006 07:56:38	Twilight	41.500	38	20Eps Sgr	1.8360	11000.	83	22892	No
77	GOM_NL__2PRFIN20060717_075831_000000402049_00293_22892_0033.N1	17-JUL-2006 07:58:31	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	22892	No
78	GOM_NL__2PRFIN20060717_075954_000000382049_00293_22892_0034.N1	17-JUL-2006 07:59:54	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22892	No
79	GOM_NL__2PRFIN20060717_080750_000000362049_00293_22892_0035.N1	17-JUL-2006 08:07:50	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22892	No
80	GOM_NL__2PRFIN20060717_081008_000000352049_00293_22892_0036.N1	17-JUL-2006 08:10:08	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22892	No
81	GOM_NL__2PRFIN20060717_081732_000000382049_00293_22892_0037.N1	17-JUL-2006 08:17:32	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	22892	No
82	GOM_NL__2PRFIN20060717_082055_000000382049_00293_22892_0038.N1	17-JUL-2006 08:20:55	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22892	No
83	GOM_NL__2PRFIN20060717_082412_000000352049_00293_22892_0039.N1	17-JUL-2006 08:24:12	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22892	No
84	GOM_NL__2PRFIN20060717_082826_000000362049_00293_22892_0040.N1	17-JUL-2006 08:28:26	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22892	No
85	GOM_NL__2PRFIN20060717_083156_000000362049_00293_22892_0041.N1	17-JUL-2006 08:31:56	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22892	No
86	GOM_NL__2PRFIN20060717_085316_000000552049_00293_22892_0042.N1	17-JUL-2006 08:53:16	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	22892	No
87	GOM_NL__2PRFIN20060717_085935_000000432049_00293_22892_0043.N1	17-JUL-2006 08:59:35	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22892	No
88	GOM_NL__2PRFIN20060717_090245_000000452049_00293_22892_0044.N1	17-JUL-2006 09:02:45	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22892	No
89	GOM_NL__2PRFIN20060717_091147_000000422049_00293_22892_0045.N1	17-JUL-2006 09:11:47	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22892	No
90	GOM_NL__2PRFIN20060717_091755_000000412049_00294_22893_0028.N1	17-JUL-2006 09:17:55	Dark	41.000	9	Alp Eri	0.45300	24000.	82	22893	No
91	GOM_NL__2PRFIN20060717_092120_000000372049_00294_22893_0029.N1	17-JUL-2006 09:21:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22893	No
92	GOM_NL__2PRFIN20060717_092524_000000452049_00294_22893_0030.N1	17-JUL-2006 09:25:24	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	22893	No
93	GOM_NL__2PRFIN20060717_092913_000000412049_00294_22893_0031.N1	17-JUL-2006 09:29:13	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22893	No
94	GOM_NL__2PRFIN20060717_093714_000000402049_00294_22893_0032.N1	17-JUL-2006 09:37:14	Twilight	39.500	38	20Eps Sgr	1.8360	11000.	79	22893	No
95	GOM_NL__2PRFIN20060717_093907_000000402049_00294_22893_0033.N1	17-JUL-2006 09:39:07	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	22893	No
96	GOM_NL__2PRFIN20060717_094029_000000392049_00294_22893_0034.N1	17-JUL-2006 09:40:29	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22893	No
97	GOM_NL__2PRFIN20060717_094826_000000352049_00294_22893_0035.N1	17-JUL-2006 09:48:26	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22893	No
98	GOM_NL__2PRFIN20060717_095044_000000342049_00294_22893_0036.N1	17-JUL-2006 09:50:44	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22893	No
99	GOM_NL__2PRFIN20060717_095807_000000422049_00294_22893_0037.N1	17-JUL-2006 09:58:07	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	22893	No
100	GOM_NL__2PRFIN20060717_100131_000000372049_00294_22893_0038.N1	17-JUL-2006 10:01:31	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22893	No
101	GOM_NL__2PRFIN20060717_100448_000000362049_00294_22893_0039.N1	17-JUL-2006 10:04:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22893	No

220	GOM_NL__2PRFIN20060717_212127_000000402049_00301_22900_0052.N1	17-JUL-2006 21:21:27	Twilight	39.500	38	20Eps Sgr	1.8360	11000.	79	22900	No
221	GOM_NL__2PRFIN20060717_212320_000000382049_00301_22900_0053.N1	17-JUL-2006 21:23:20	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	22900	No
222	GOM_NL__2PRFIN20060717_212442_000000382049_00301_22900_0054.N1	17-JUL-2006 21:24:42	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22900	No
223	GOM_NL__2PRFIN20060717_213239_000000352049_00301_22900_0055.N1	17-JUL-2006 21:32:39	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22900	No
224	GOM_NL__2PRFIN20060717_213456_000000352049_00301_22900_0056.N1	17-JUL-2006 21:34:56	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22900	No
225	GOM_NL__2PRFIN20060717_214218_000000352049_00301_22900_0057.N1	17-JUL-2006 21:42:18	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	22900	No
226	GOM_NL__2PRFIN20060717_214542_000000392049_00301_22900_0058.N1	17-JUL-2006 21:45:42	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22900	No
227	GOM_NL__2PRFIN20060717_214901_000000362049_00301_22900_0059.N1	17-JUL-2006 21:49:01	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22900	No
228	GOM_NL__2PRFIN20060717_215315_000000362049_00301_22900_0060.N1	17-JUL-2006 21:53:15	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22900	No
229	GOM_NL__2PRFIN20060717_215643_000000362049_00301_22900_0061.N1	17-JUL-2006 21:56:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22900	No
230	GOM_NL__2PRFIN20060717_221805_000000502049_00301_22900_0062.N1	17-JUL-2006 22:18:05	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22900	No
231	GOM_NL__2PRFIN20060717_222424_000000402049_00301_22900_0063.N1	17-JUL-2006 22:24:24	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22900	No
232	GOM_NL__2PRFIN20060717_222737_000000482049_00301_22900_0064.N1	17-JUL-2006 22:27:37	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22900	No
233	GOM_NL__2PRFIN20060717_223641_000000442049_00301_22900_0065.N1	17-JUL-2006 22:36:41	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22900	No
234	GOM_NL__2PRFIN20060717_224247_000000422049_00302_22901_0048.N1	17-JUL-2006 22:42:47	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22901	No
235	GOM_NL__2PRFIN20060717_224610_000000382049_00302_22901_0049.N1	17-JUL-2006 22:46:10	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22901	No
236	GOM_NL__2PRFIN20060717_225016_000000412049_00302_22901_0050.N1	17-JUL-2006 22:50:16	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22901	No
237	GOM_NL__2PRFIN20060717_225404_000000392049_00302_22901_0051.N1	17-JUL-2006 22:54:04	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22901	No
238	GOM_NL__2PRFIN20060717_230203_000000412049_00302_22901_0052.N1	17-JUL-2006 23:02:03	Twilight	40.500	38	20Eps Sgr	1.8360	11000.	81	22901	No
239	GOM_NL__2PRFIN20060717_230356_000000402049_00302_22901_0053.N1	17-JUL-2006 23:03:56	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	22901	No
240	GOM_NL__2PRFIN20060717_230518_000000392049_00302_22901_0054.N1	17-JUL-2006 23:05:18	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22901	No
241	GOM_NL__2PRFIN20060717_231315_000000362049_00302_22901_0055.N1	17-JUL-2006 23:13:15	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22901	No
242	GOM_NL__2PRFIN20060717_231532_000000362049_00302_22901_0056.N1	17-JUL-2006 23:15:32	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22901	No
243	GOM_NL__2PRFIN20060717_232253_000000372049_00302_22901_0057.N1	17-JUL-2006 23:22:53	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22901	No
244	GOM_NL__2PRFIN20060717_232618_000000372049_00302_22901_0058.N1	17-JUL-2006 23:26:18	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22901	No
245	GOM_NL__2PRFIN20060717_232937_000000362049_00302_22901_0059.N1	17-JUL-2006 23:29:37	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22901	No
246	GOM_NL__2PRFIN20060717_233351_000000372049_00302_22901_0060.N1	17-JUL-2006 23:33:51	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22901	No
247	GOM_NL__2PRFIN20060717_233719_000000342049_00302_22901_0061.N1	17-JUL-2006 23:37:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22901	No
248	GOM_NL__2PRFIN20060717_235841_000000492049_00302_22901_0062.N1	17-JUL-2006 23:58:41	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22901	No

3. Quality information per product

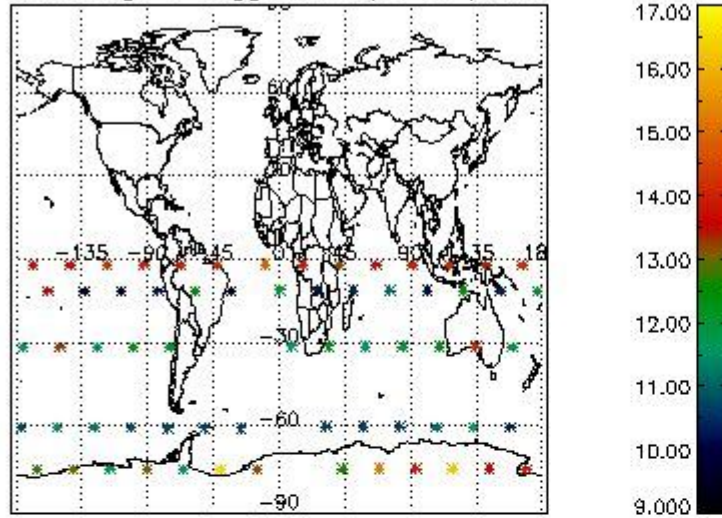
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

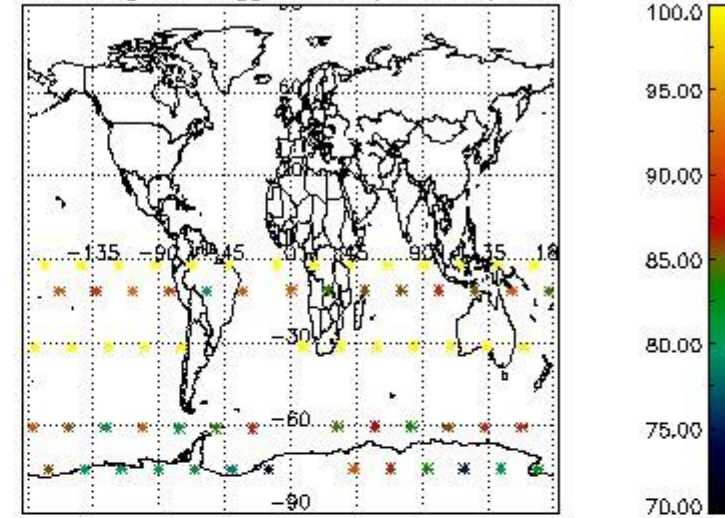


3.2 Plot quality information per product (world map)

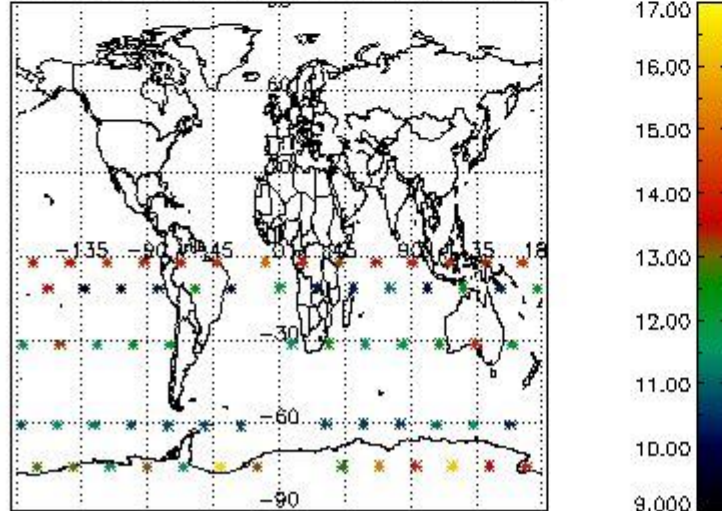
Percentage of flagged data per O3 profile



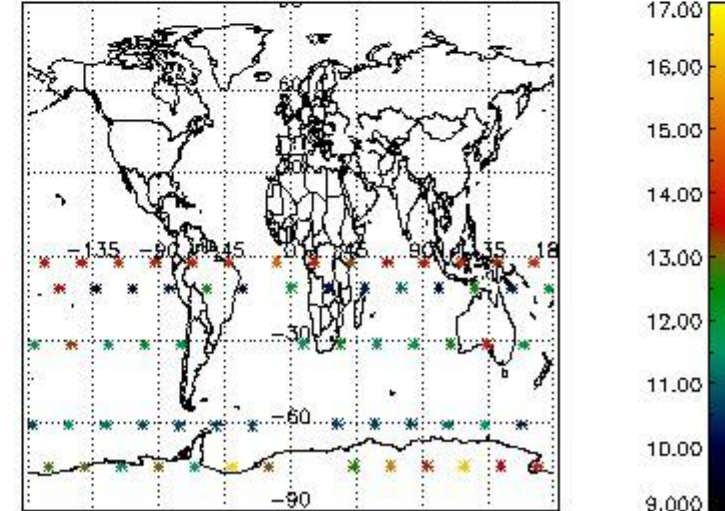
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

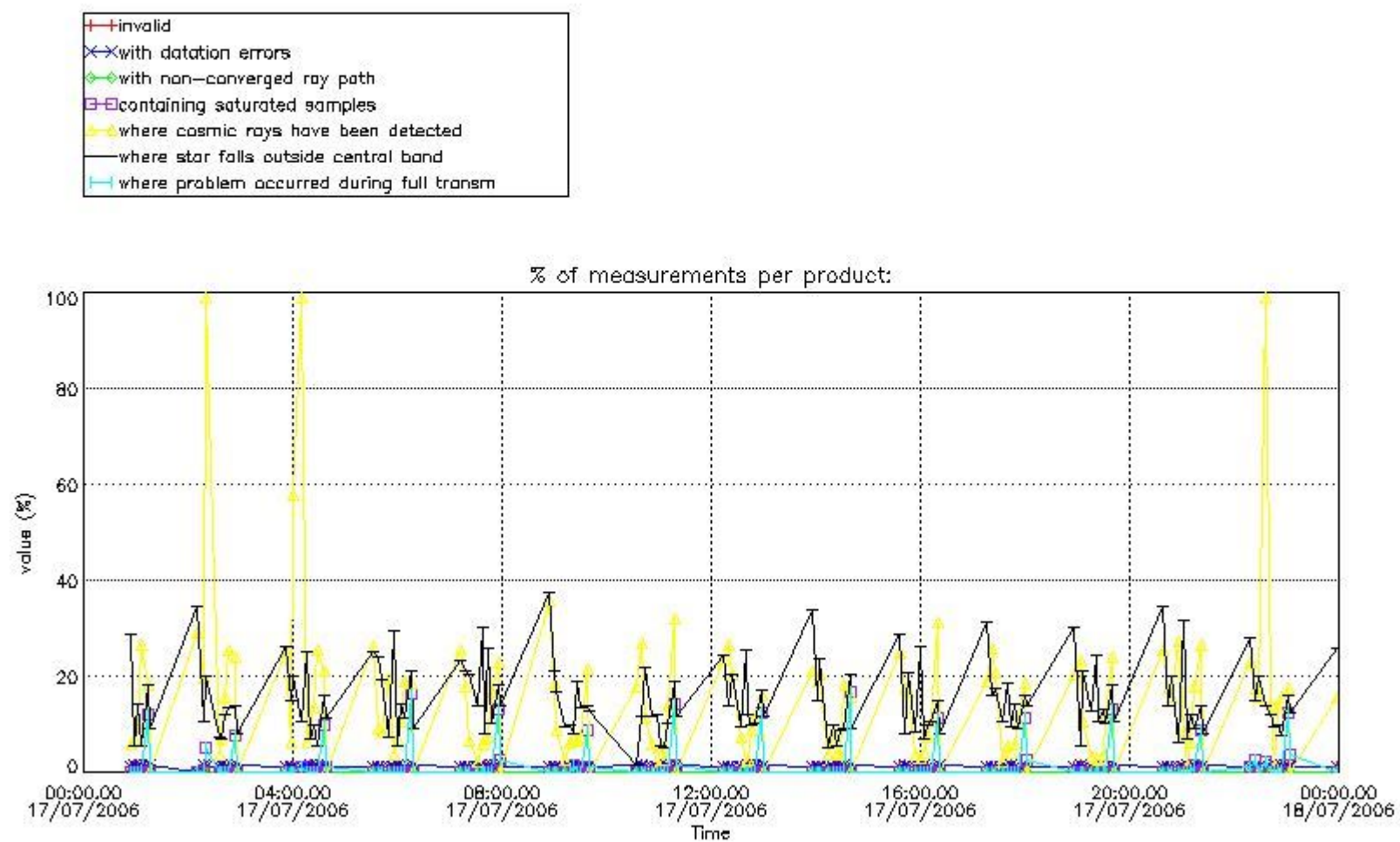


4. Level 1 quality information per product

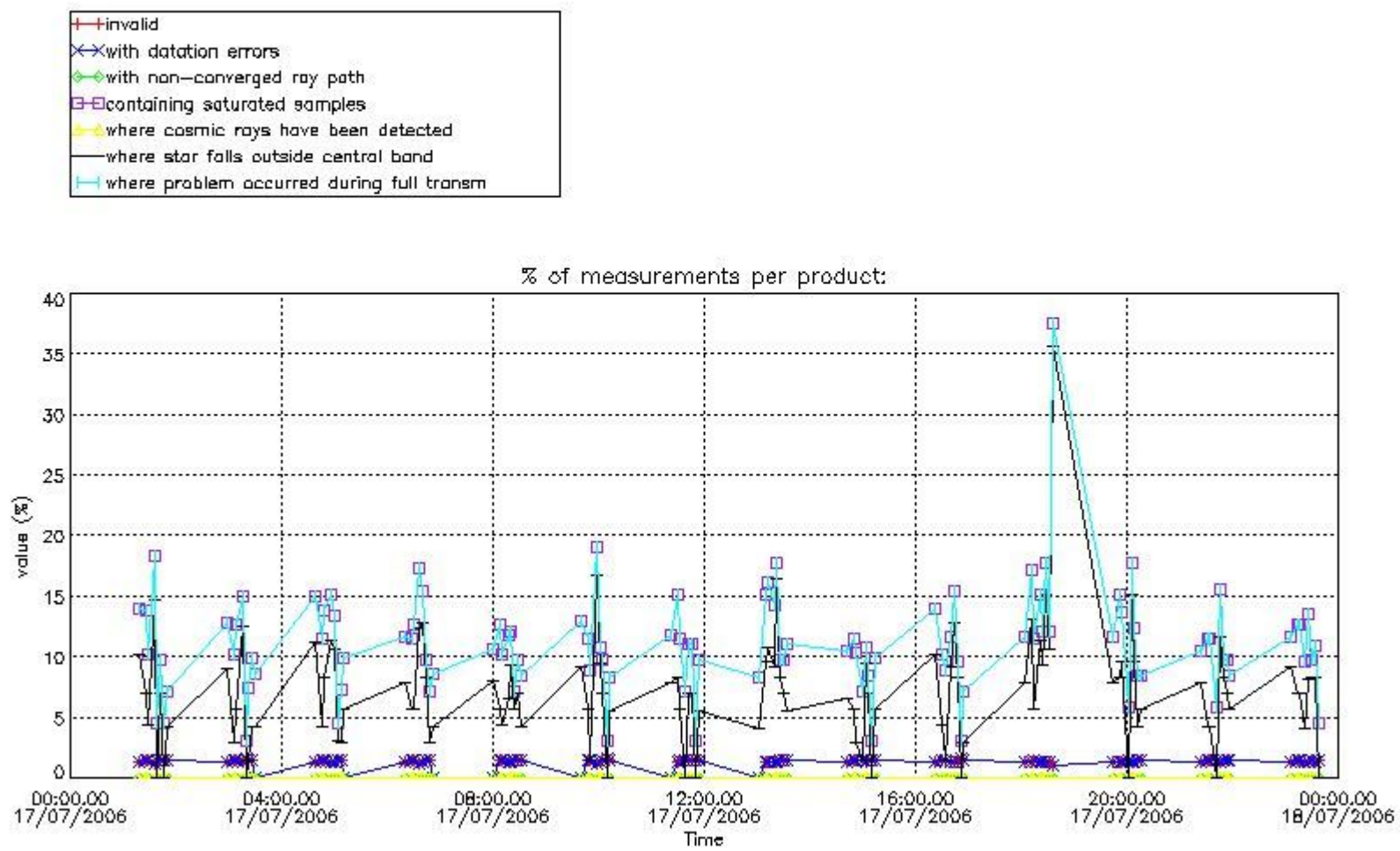
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

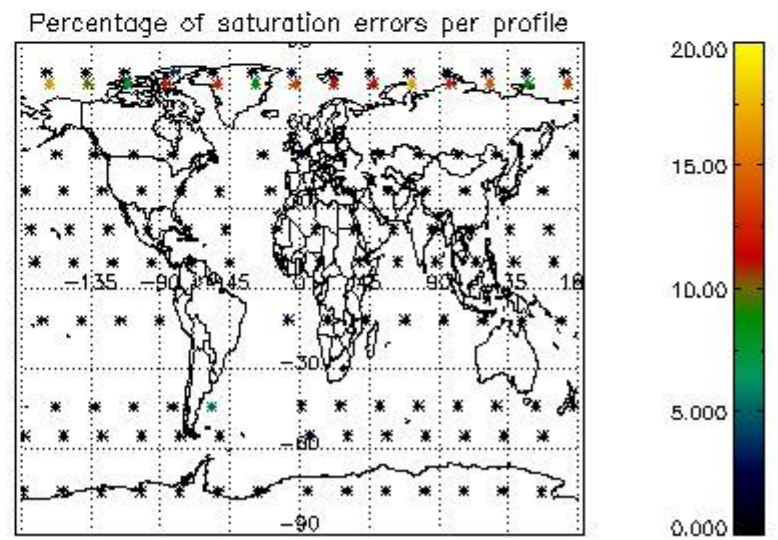
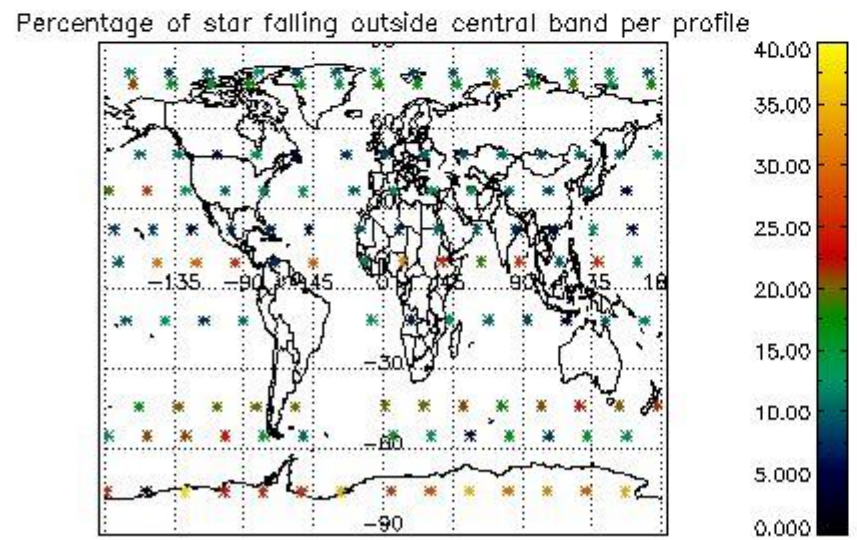
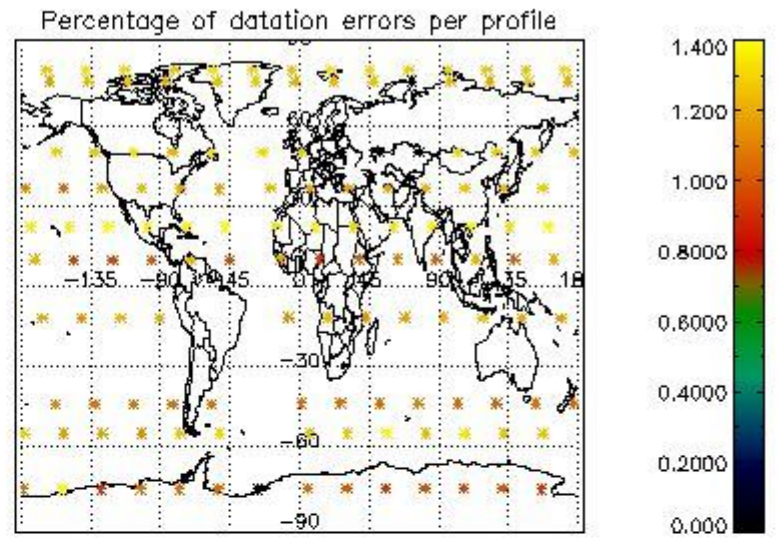
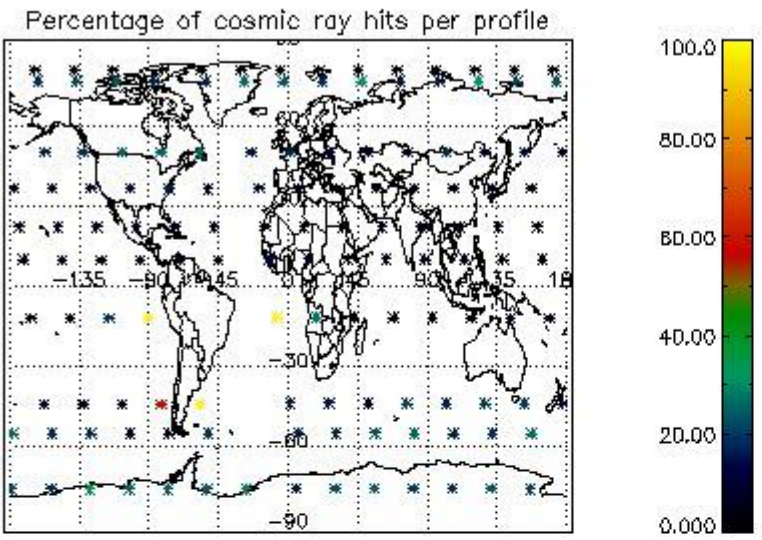


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

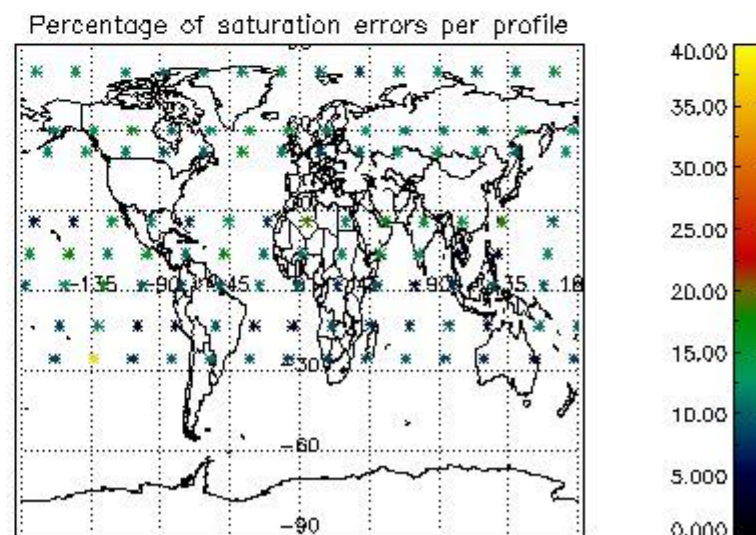
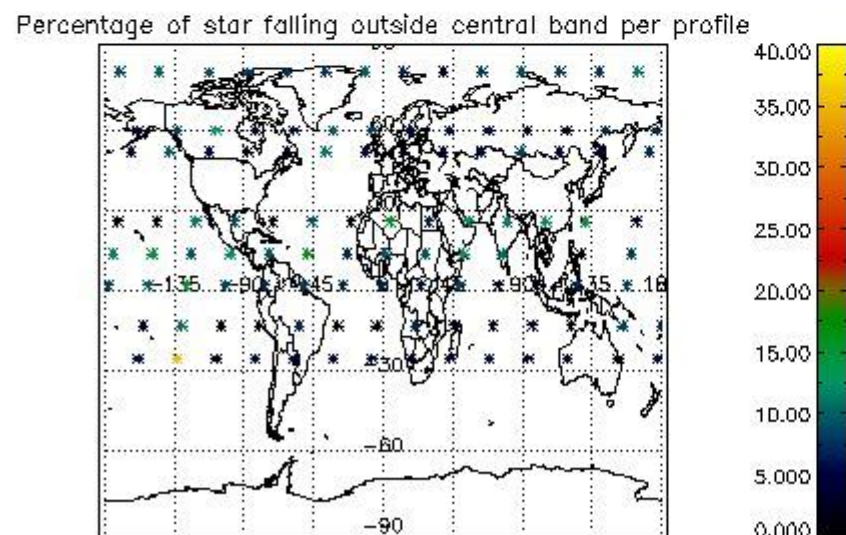
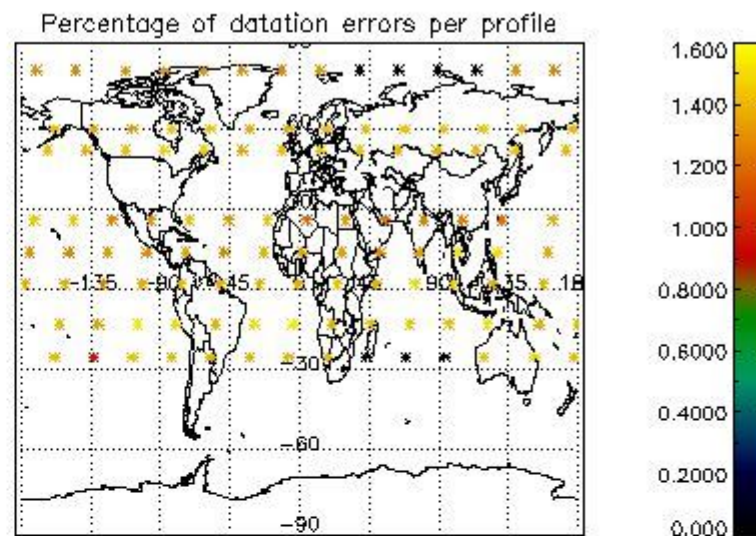
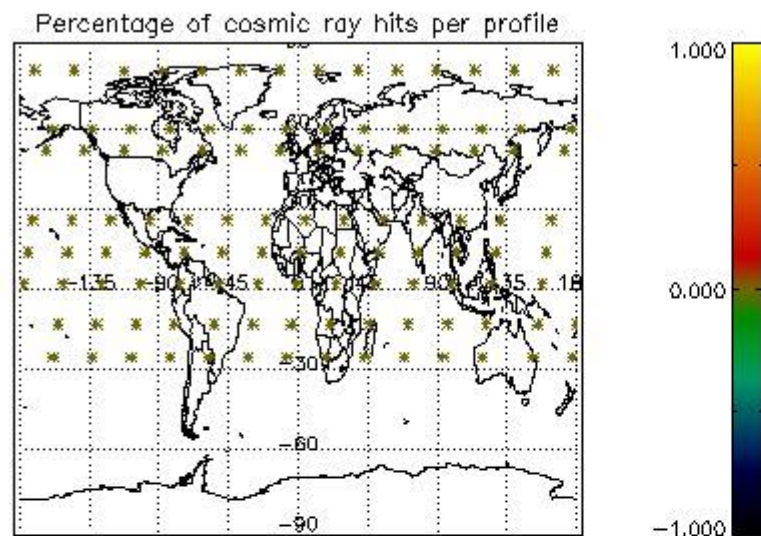


4.2 Plot quality information per product coming from level 1b processing (world map)

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

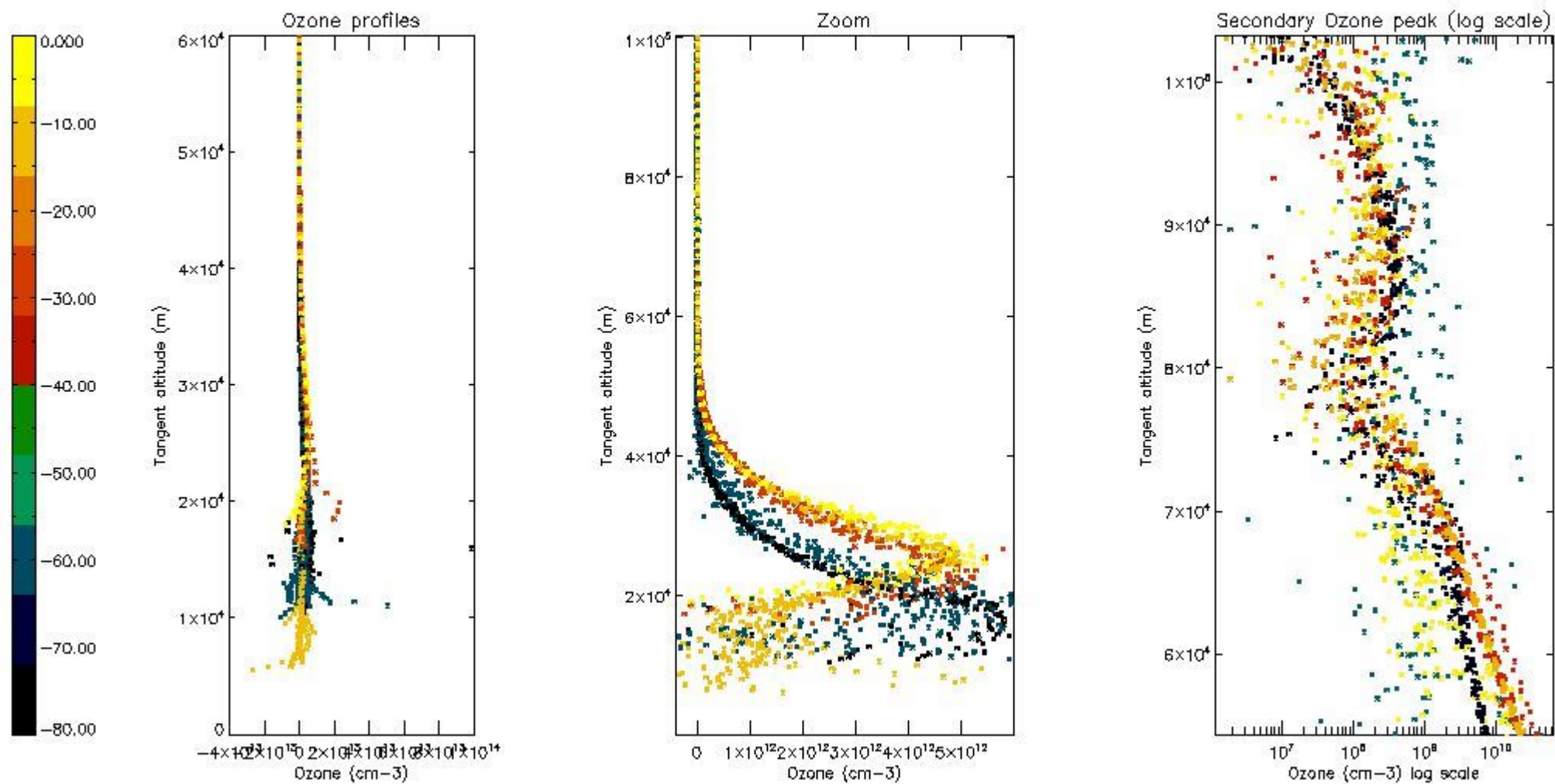
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	11
STD < 5	7

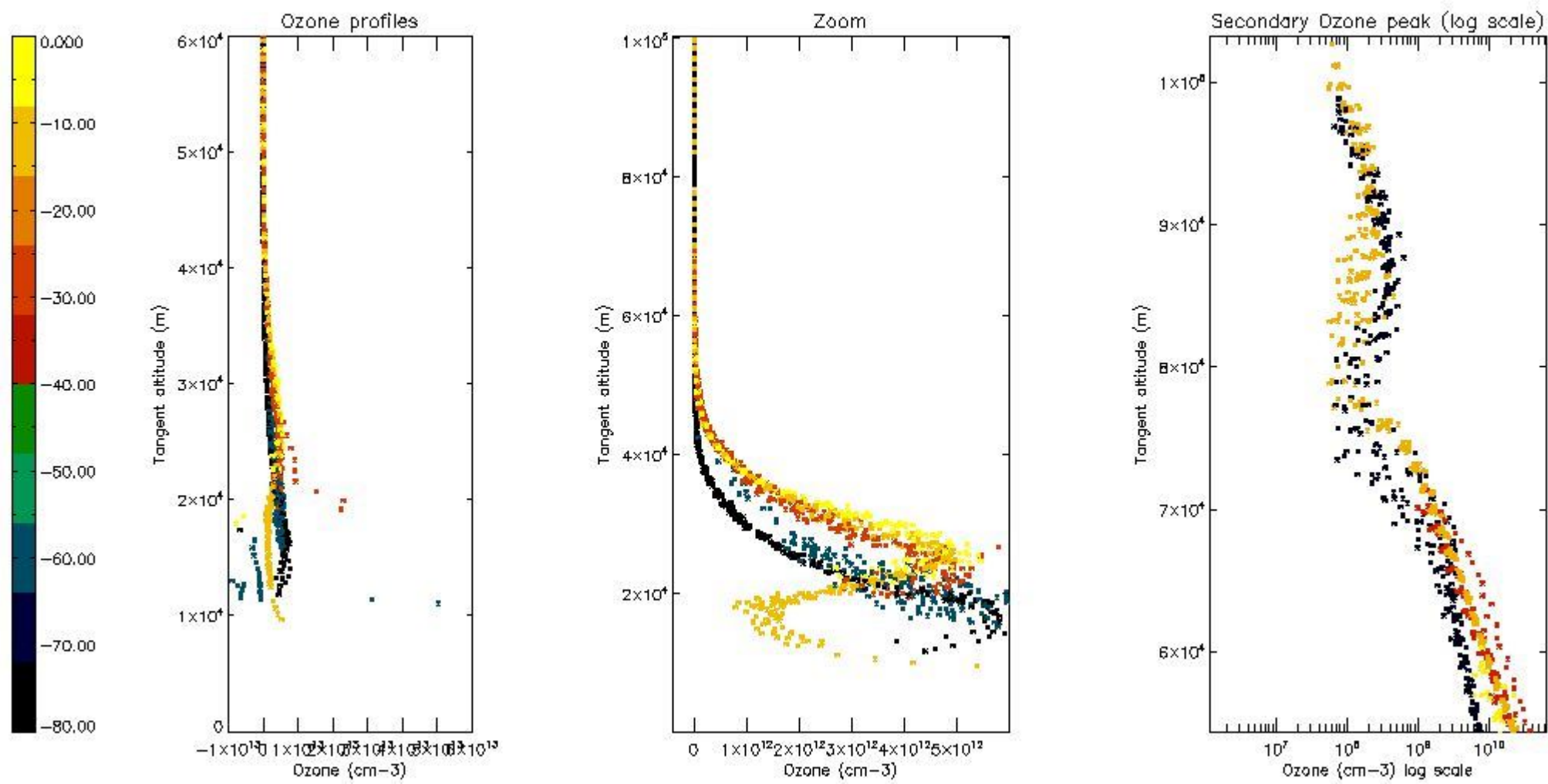
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



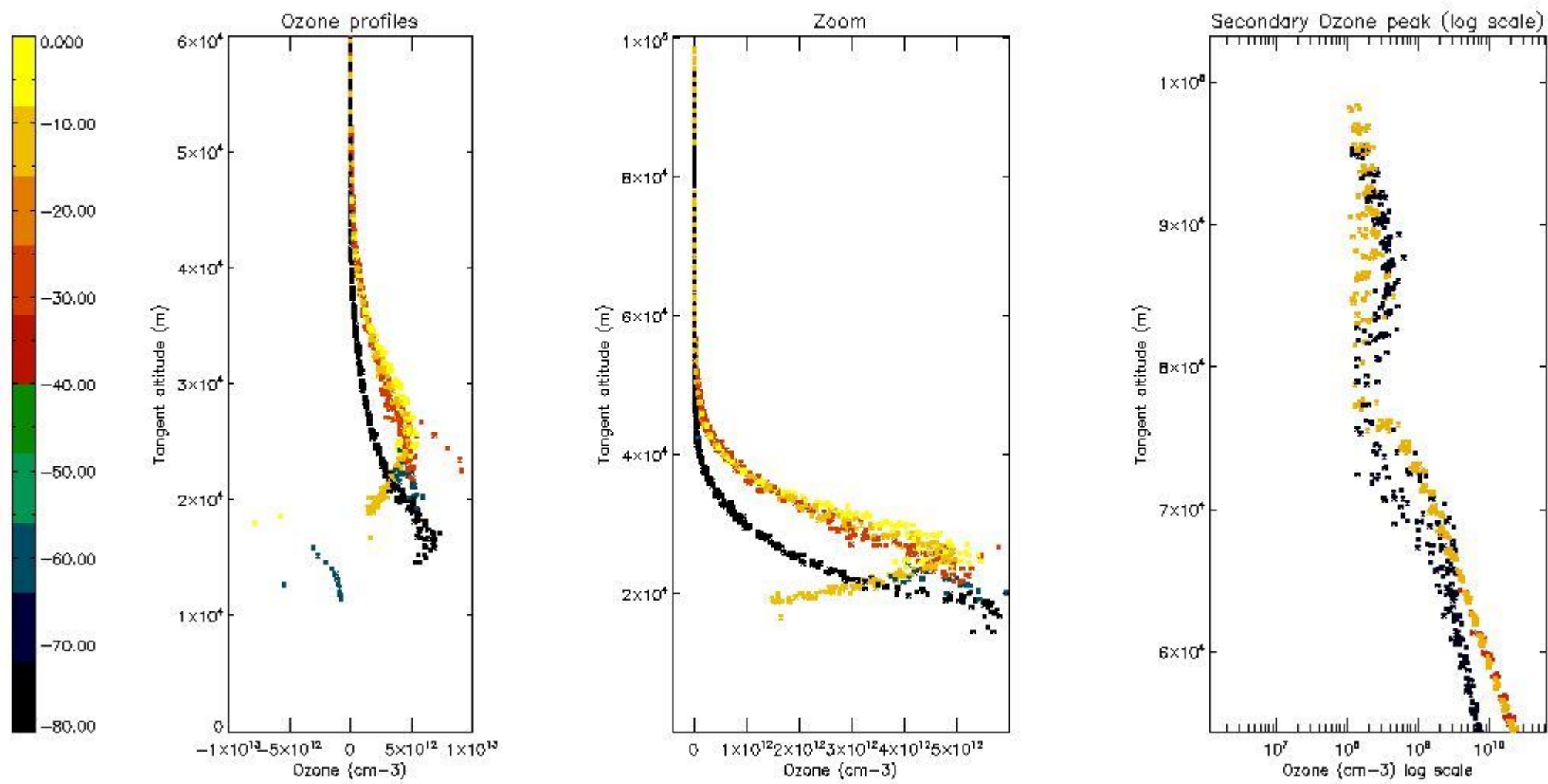
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



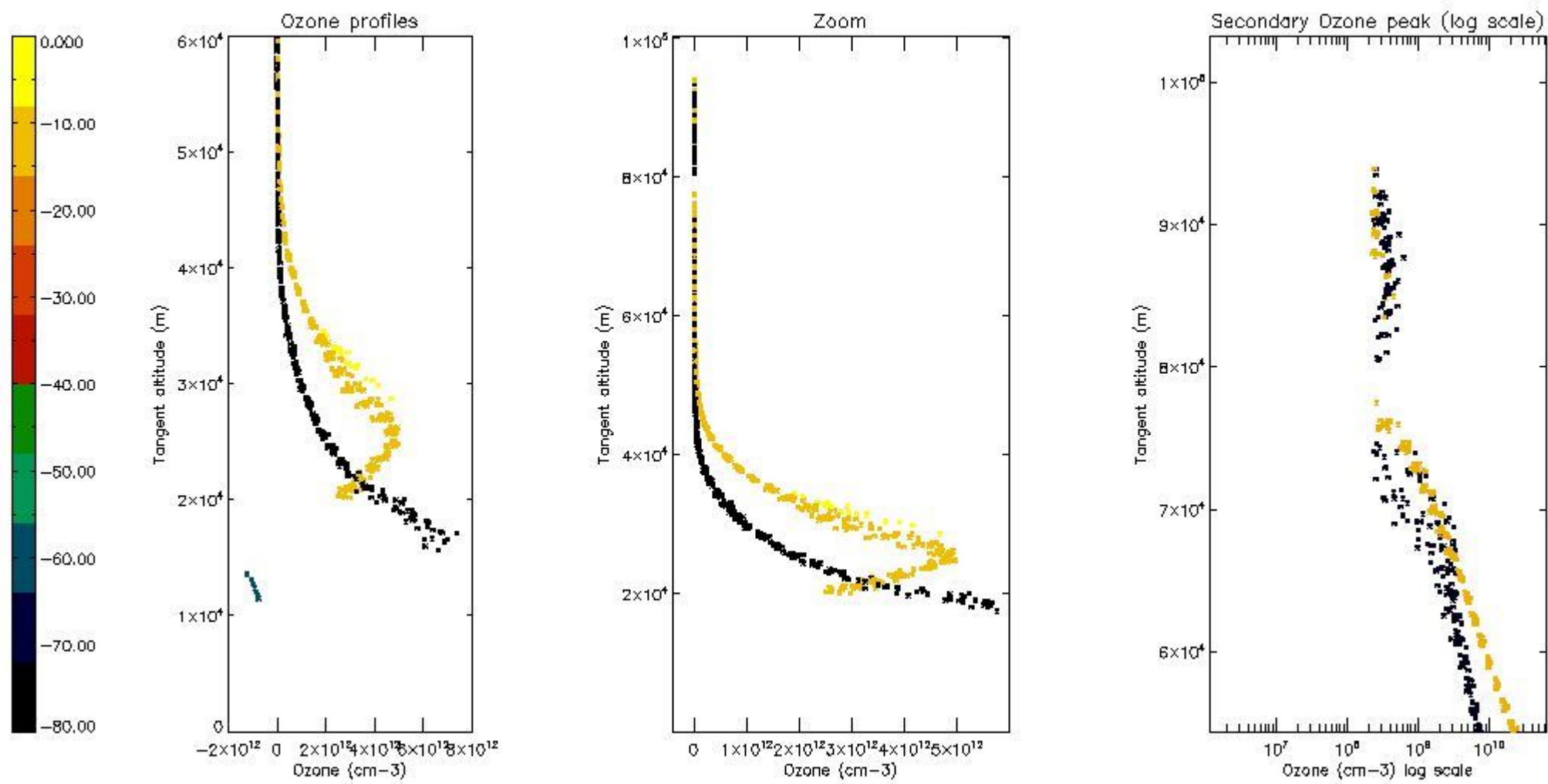
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



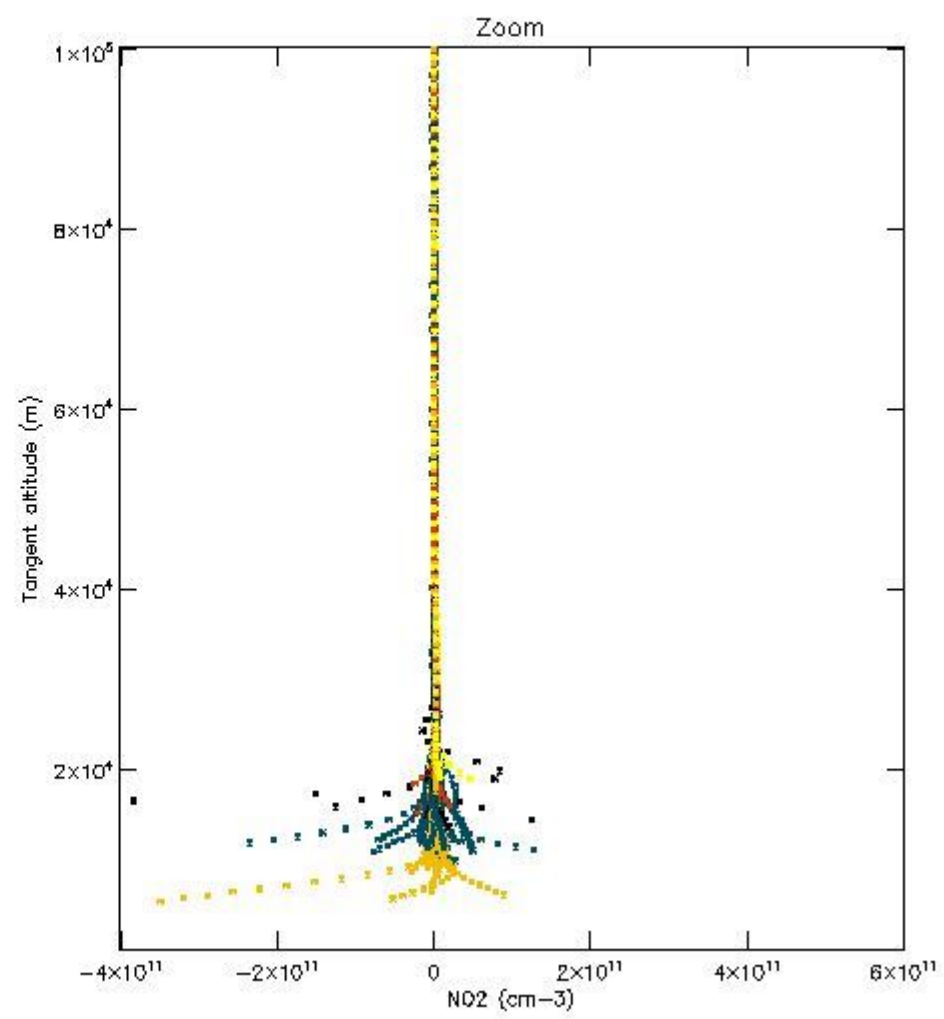
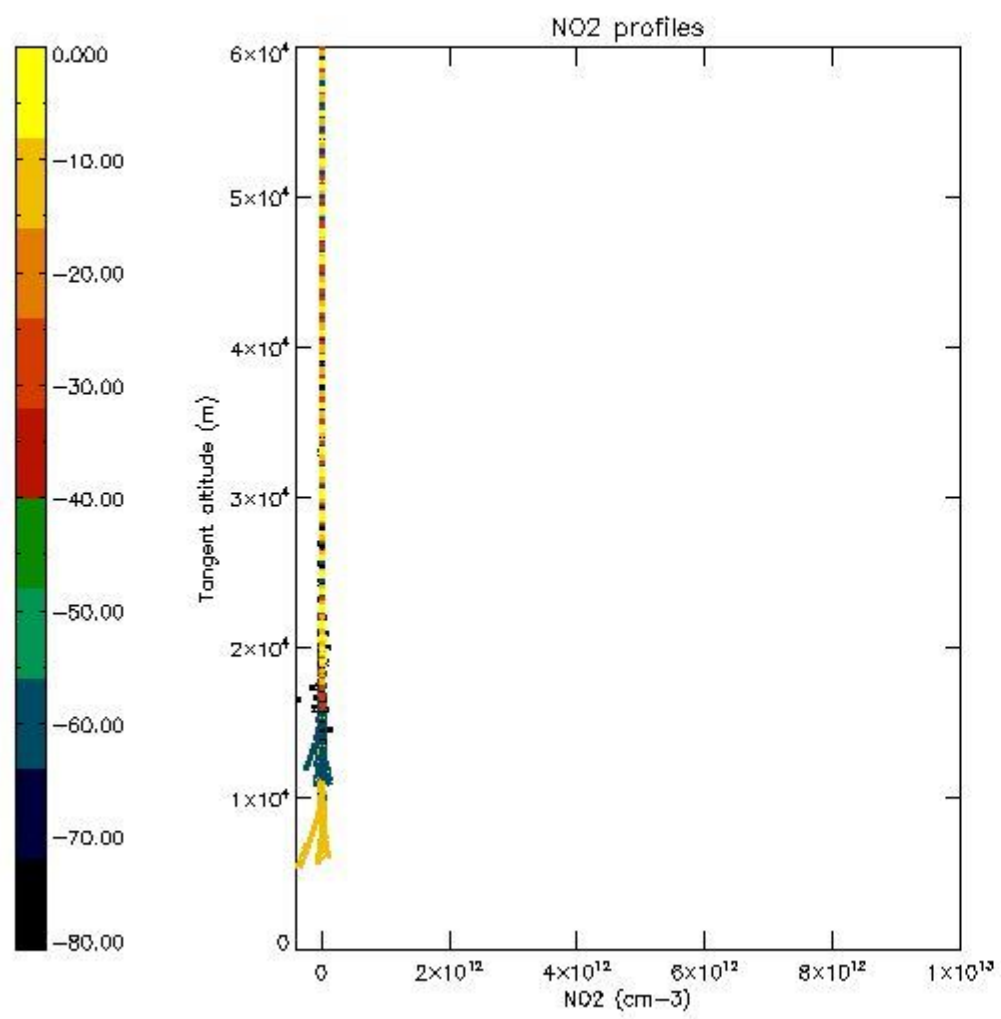
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



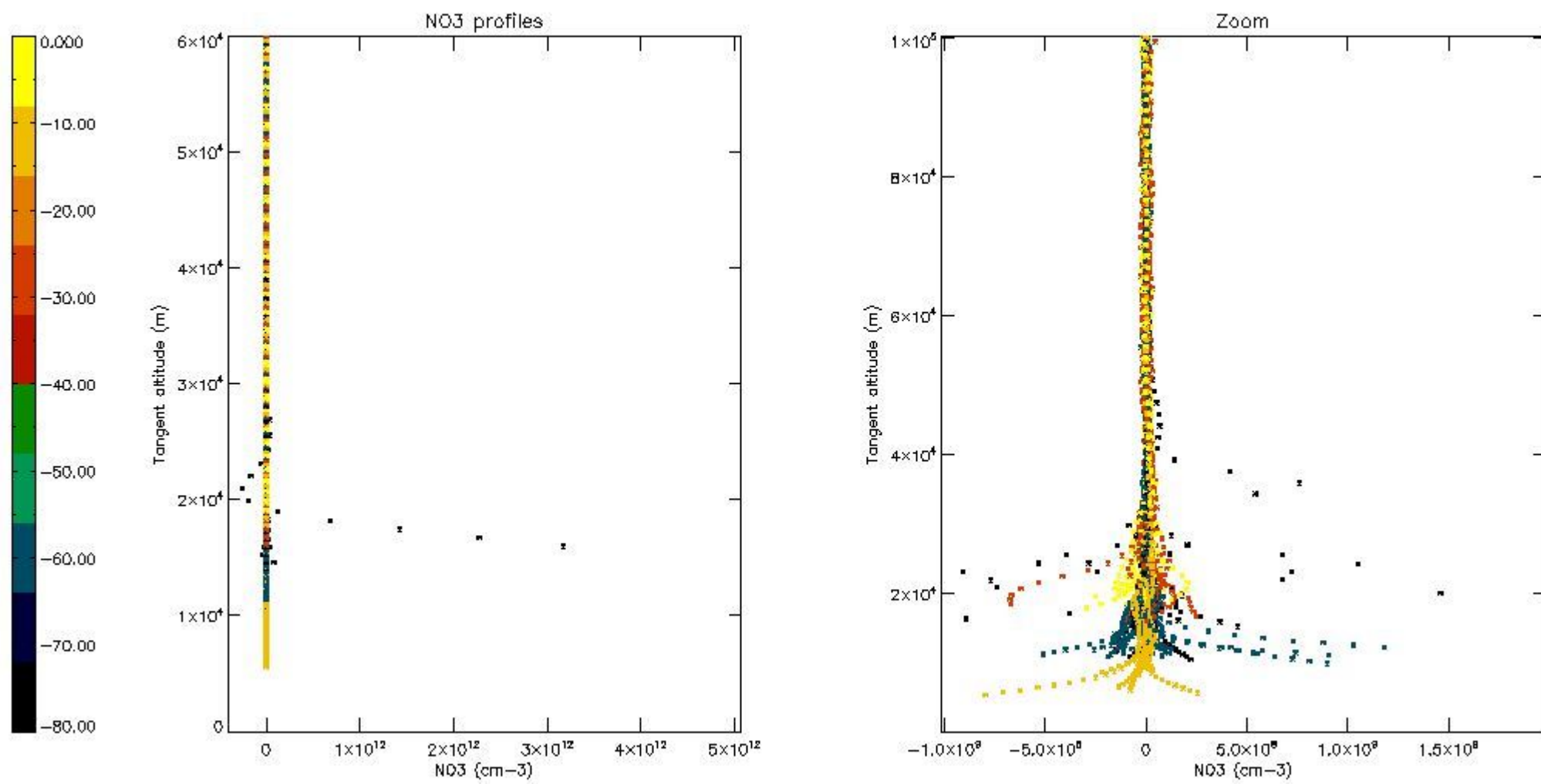
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



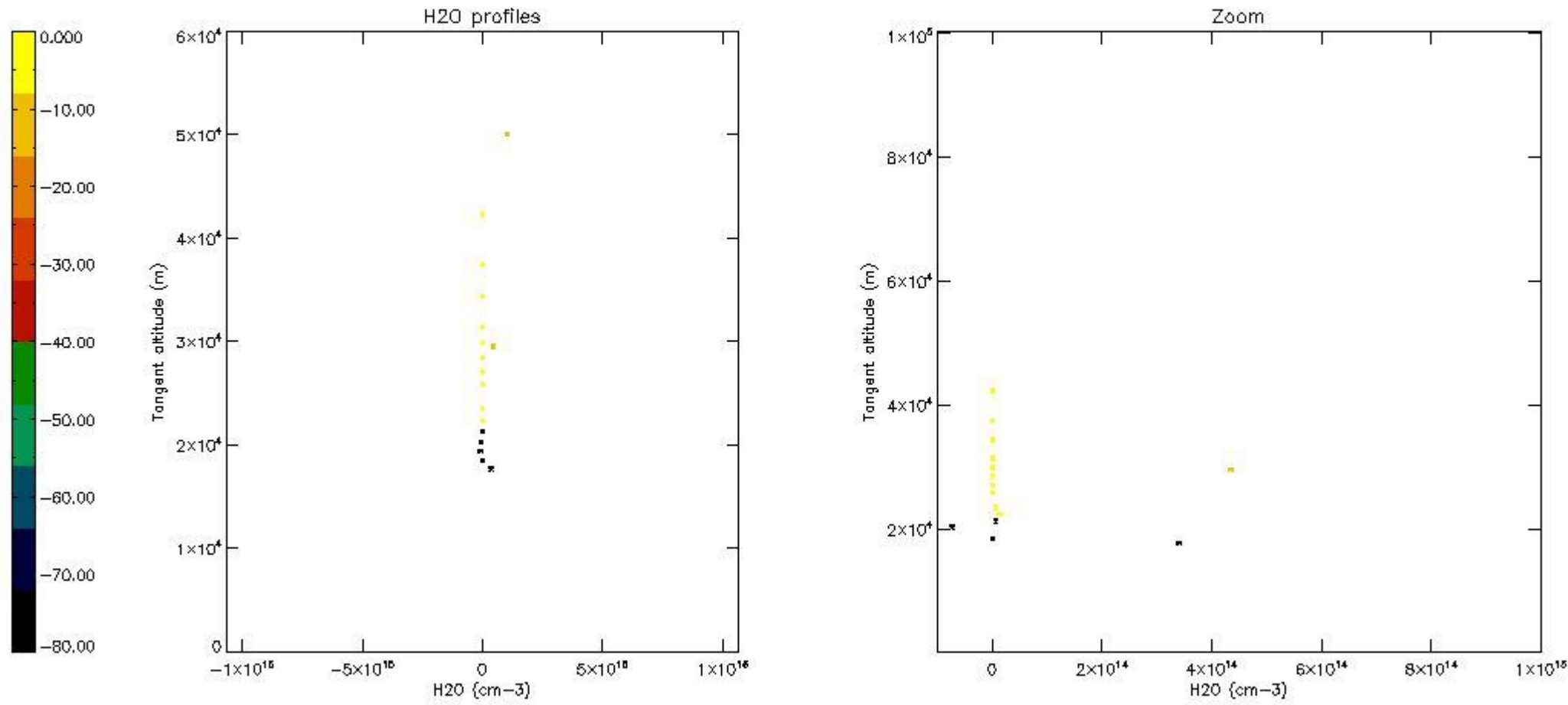
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-JUL-2006 00:54:52
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-JUL-2006 00:54:52
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-JUL-2006 00:54:52

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 01:54:24
Data source version	GOMOS/6.01
Start time of products	17-07-2006 (17JUL2006 00:00:00)
Stop time of products	18-07-2006 (18JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	248
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

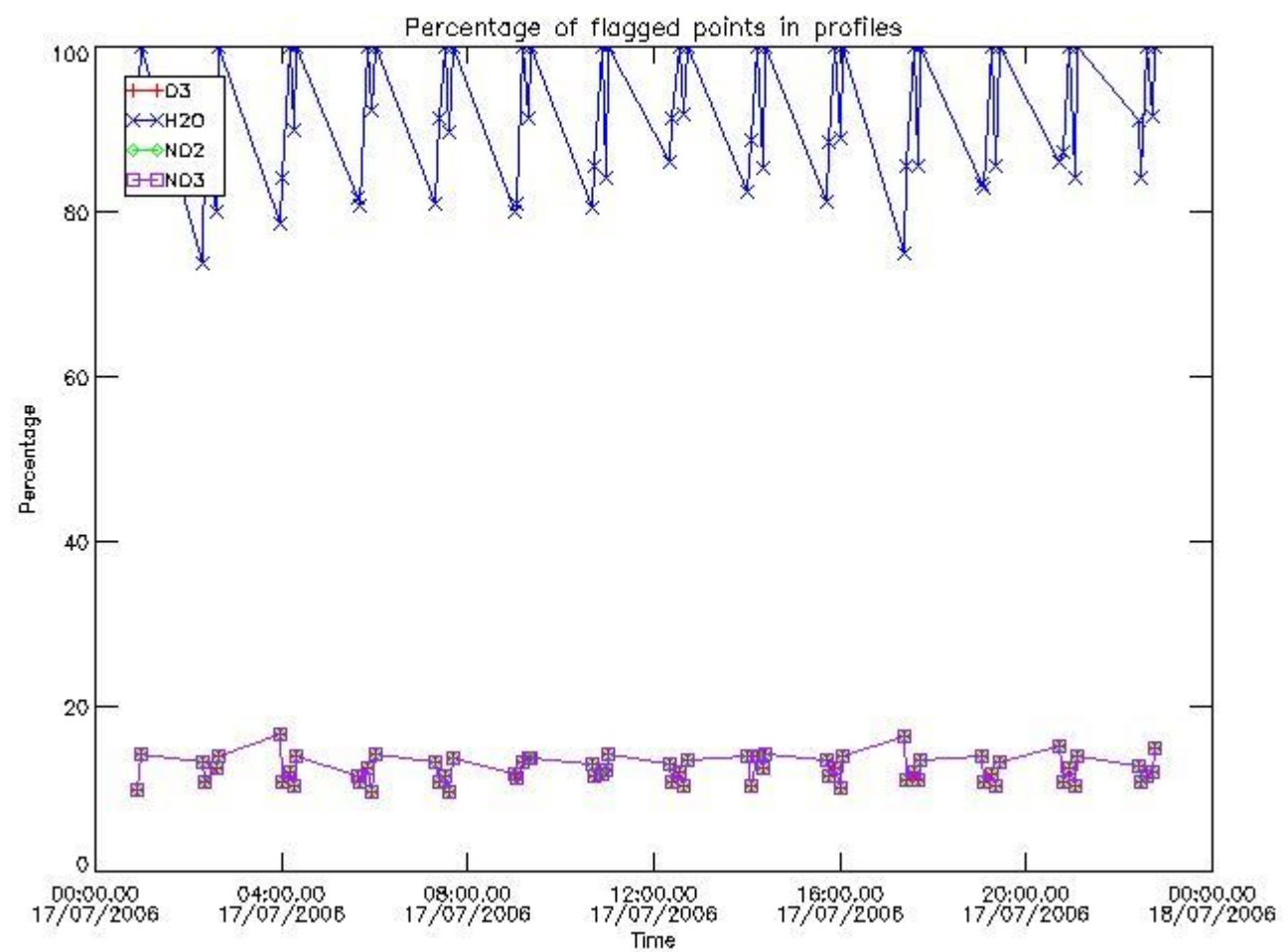
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060717_005452_000000522049_00289_22888_0008.N1	17-JUL-2006 00:54:52	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22888	No
2	GOM_NL__2PRFIN20060717_005819_000000362049_00289_22888_0009.N1	17-JUL-2006 00:58:19	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22888	No
3	GOM_NL__2PRFIN20060717_010222_000000432049_00289_22888_0010.N1	17-JUL-2006 01:02:22	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22888	No
4	GOM_NL__2PRFIN20060717_010612_000000382049_00289_22888_0011.N1	17-JUL-2006 01:06:12	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22888	No
5	GOM_NL__2PRFIN20060717_011413_000000422049_00289_22888_0012.N1	17-JUL-2006 01:14:13	Twi_and_stray	41.500	38	20Eps Sgr	1.8360	11000.	83	22888	No
6	GOM_NL__2PRFIN20060717_011607_000000392049_00289_22888_0013.N1	17-JUL-2006 01:16:07	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22888	No
7	GOM_NL__2PRFIN20060717_011729_000000402049_00289_22888_0014.N1	17-JUL-2006 01:17:29	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	22888	No
8	GOM_NL__2PRFIN20060717_012526_000000362049_00289_22888_0015.N1	17-JUL-2006 01:25:26	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22888	No
9	GOM_NL__2PRFIN20060717_012743_000000352049_00289_22888_0016.N1	17-JUL-2006 01:27:43	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22888	No
10	GOM_NL__2PRFIN20060717_013508_000000412049_00289_22888_0017.N1	17-JUL-2006 01:35:08	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	22888	No
11	GOM_NL__2PRFIN20060717_013831_000000332049_00289_22888_0018.N1	17-JUL-2006 01:38:31	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	22888	No
12	GOM_NL__2PRFIN20060717_014148_000000362049_00289_22888_0019.N1	17-JUL-2006 01:41:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22888	No
13	GOM_NL__2PRFIN20060717_014601_000000332049_00289_22888_0020.N1	17-JUL-2006 01:46:01	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22888	No
14	GOM_NL__2PRFIN20060717_014932_000000352049_00289_22888_0021.N1	17-JUL-2006 01:49:32	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22888	No
15	GOM_NL__2PRFIN20060717_021051_000000542049_00289_22888_0022.N1	17-JUL-2006 02:10:51	Twilight	53.500	13	87Alp Tau	0.86700	3800.0	107	22888	No
16	GOM_NL__2PRFIN20060717_021710_000000392049_00289_22888_0023.N1	17-JUL-2006 02:17:10	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22888	No
17	GOM_NL__2PRFIN20060717_022019_000000482049_00289_22888_0024.N1	17-JUL-2006 02:20:19	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22888	No
18	GOM_NL__2PRFIN20060717_023529_000000412049_00290_22889_0028.N1	17-JUL-2006 02:35:29	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22889	No
19	GOM_NL__2PRFIN20060717_023855_000000372049_00290_22889_0029.N1	17-JUL-2006 02:38:55	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22889	No
20	GOM_NL__2PRFIN20060717_024258_000000422049_00290_22889_0030.N1	17-JUL-2006 02:42:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22889	No
21	GOM_NL__2PRFIN20060717_024648_000000412049_00290_22889_0031.N1	17-JUL-2006 02:46:48	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22889	No
22	GOM_NL__2PRFIN20060717_025449_000000402049_00290_22889_0032.N1	17-JUL-2006 02:54:49	Twi_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	22889	No
23	GOM_NL__2PRFIN20060717_025643_000000382049_00290_22889_0033.N1	17-JUL-2006 02:56:43	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22889	No
24	GOM_NL__2PRFIN20060717_025805_000000392049_00290_22889_0034.N1	17-JUL-2006 02:58:05	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22889	No
25	GOM_NL__2PRFIN20060717_030602_000000352049_00290_22889_0035.N1	17-JUL-2006 03:06:02	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22889	No
26	GOM_NL__2PRFIN20060717_030819_000000362049_00290_22889_0036.N1	17-JUL-2006 03:08:19	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22889	No
27	GOM_NL__2PRFIN20060717_031544_000000402049_00290_22889_0037.N1	17-JUL-2006 03:15:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22889	No
28	GOM_NL__2PRFIN20060717_031907_000000332049_00290_22889_0038.N1	17-JUL-2006 03:19:07	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	22889	No
29	GOM_NL__2PRFIN20060717_032224_000000342049_00290_22889_0039.N1	17-JUL-2006 03:22:24	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22889	No
30	GOM_NL__2PRFIN20060717_032637_000000362049_00290_22889_0040.N1	17-JUL-2006 03:26:37	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22889	No
31	GOM_NL__2PRFIN20060717_033008_000000352049_00290_22889_0041.N1	17-JUL-2006 03:30:08	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22889	No
32	GOM_NL__2PRFIN20060717_035127_000000482049_00290_22889_0042.N1	17-JUL-2006 03:51:27	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	22889	No
33	GOM_NL__2PRFIN20060717_035746_000000402049_00290_22889_0043.N1	17-JUL-2006 03:57:46	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22889	No
34	GOM_NL__2PRFIN20060717_040056_000000482049_00290_22889_0044.N1	17-JUL-2006 04:00:56	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22889	No
35	GOM_NL__2PRFIN20060717_040958_000000422049_00290_22889_0045.N1	17-JUL-2006 04:09:58	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22889	No
36	GOM_NL__2PRFIN20060717_041605_000000502049_00291_22890_0028.N1	17-JUL-2006 04:16:05	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22890	No
37	GOM_NL__2PRFIN20060717_041932_000000372049_00291_22890_0029.N1	17-JUL-2006 04:19:32	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22890	No
38	GOM_NL__2PRFIN20060717_042335_000000412049_00291_22890_0030.N1	17-JUL-2006 04:23:35	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22890	No
39	GOM_NL__2PRFIN20060717_042724_000000382049_00291_22890_0031.N1	17-JUL-2006 04:27:24	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22890	No
40	GOM_NL__2PRFIN20060717_043525_000000412049_00291_22890_0032.N1	17-JUL-2006 04:35:25	Twi_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22890	No
41	GOM_NL__2PRFIN20060717_043719_000000402049_00291_22890_0033.N1	17-JUL-2006 04:37:19	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	22890	No
42	GOM_NL__2PRFIN20060717_043841_000000402049_00291_22890_0034.N1	17-JUL-2006 04:38:41	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	22890	No

220	GOM_NL__2PRFIN20060717_212127_000000402049_00301_22900_0052.N1	17-JUL-2006 21:21:27	Twilight	39.500	38	20Eps Sgr	1.8360	11000.	79	22900	No
221	GOM_NL__2PRFIN20060717_212320_000000382049_00301_22900_0053.N1	17-JUL-2006 21:23:20	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	22900	No
222	GOM_NL__2PRFIN20060717_212442_000000382049_00301_22900_0054.N1	17-JUL-2006 21:24:42	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22900	No
223	GOM_NL__2PRFIN20060717_213239_000000352049_00301_22900_0055.N1	17-JUL-2006 21:32:39	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22900	No
224	GOM_NL__2PRFIN20060717_213456_000000352049_00301_22900_0056.N1	17-JUL-2006 21:34:56	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22900	No
225	GOM_NL__2PRFIN20060717_214218_000000352049_00301_22900_0057.N1	17-JUL-2006 21:42:18	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	22900	No
226	GOM_NL__2PRFIN20060717_214542_000000392049_00301_22900_0058.N1	17-JUL-2006 21:45:42	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22900	No
227	GOM_NL__2PRFIN20060717_214901_000000362049_00301_22900_0059.N1	17-JUL-2006 21:49:01	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22900	No
228	GOM_NL__2PRFIN20060717_215315_000000362049_00301_22900_0060.N1	17-JUL-2006 21:53:15	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22900	No
229	GOM_NL__2PRFIN20060717_215643_000000362049_00301_22900_0061.N1	17-JUL-2006 21:56:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22900	No
230	GOM_NL__2PRFIN20060717_221805_000000502049_00301_22900_0062.N1	17-JUL-2006 22:18:05	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22900	No
231	GOM_NL__2PRFIN20060717_222424_000000402049_00301_22900_0063.N1	17-JUL-2006 22:24:24	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22900	No
232	GOM_NL__2PRFIN20060717_222737_000000482049_00301_22900_0064.N1	17-JUL-2006 22:27:37	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22900	No
233	GOM_NL__2PRFIN20060717_223641_000000442049_00301_22900_0065.N1	17-JUL-2006 22:36:41	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22900	No
234	GOM_NL__2PRFIN20060717_224247_000000422049_00302_22901_0048.N1	17-JUL-2006 22:42:47	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22901	No
235	GOM_NL__2PRFIN20060717_224610_000000382049_00302_22901_0049.N1	17-JUL-2006 22:46:10	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22901	No
236	GOM_NL__2PRFIN20060717_225016_000000412049_00302_22901_0050.N1	17-JUL-2006 22:50:16	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22901	No
237	GOM_NL__2PRFIN20060717_225404_000000392049_00302_22901_0051.N1	17-JUL-2006 22:54:04	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22901	No
238	GOM_NL__2PRFIN20060717_230203_000000412049_00302_22901_0052.N1	17-JUL-2006 23:02:03	Twilight	40.500	38	20Eps Sgr	1.8360	11000.	81	22901	No
239	GOM_NL__2PRFIN20060717_230356_000000402049_00302_22901_0053.N1	17-JUL-2006 23:03:56	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	22901	No
240	GOM_NL__2PRFIN20060717_230518_000000392049_00302_22901_0054.N1	17-JUL-2006 23:05:18	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22901	No
241	GOM_NL__2PRFIN20060717_231315_000000362049_00302_22901_0055.N1	17-JUL-2006 23:13:15	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22901	No
242	GOM_NL__2PRFIN20060717_231532_000000362049_00302_22901_0056.N1	17-JUL-2006 23:15:32	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22901	No
243	GOM_NL__2PRFIN20060717_232253_000000372049_00302_22901_0057.N1	17-JUL-2006 23:22:53	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22901	No
244	GOM_NL__2PRFIN20060717_232618_000000372049_00302_22901_0058.N1	17-JUL-2006 23:26:18	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22901	No
245	GOM_NL__2PRFIN20060717_232937_000000362049_00302_22901_0059.N1	17-JUL-2006 23:29:37	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22901	No
246	GOM_NL__2PRFIN20060717_233351_000000372049_00302_22901_0060.N1	17-JUL-2006 23:33:51	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22901	No
247	GOM_NL__2PRFIN20060717_233719_000000342049_00302_22901_0061.N1	17-JUL-2006 23:37:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22901	No
248	GOM_NL__2PRFIN20060717_235841_000000492049_00302_22901_0062.N1	17-JUL-2006 23:58:41	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22901	No

3. Quality information per product

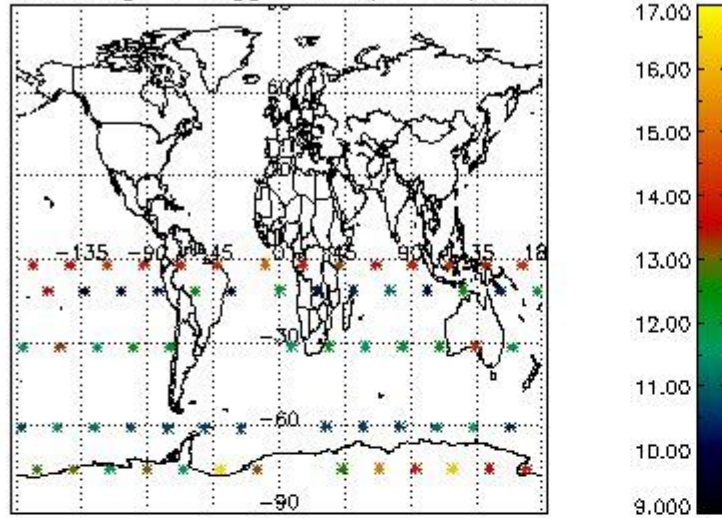
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

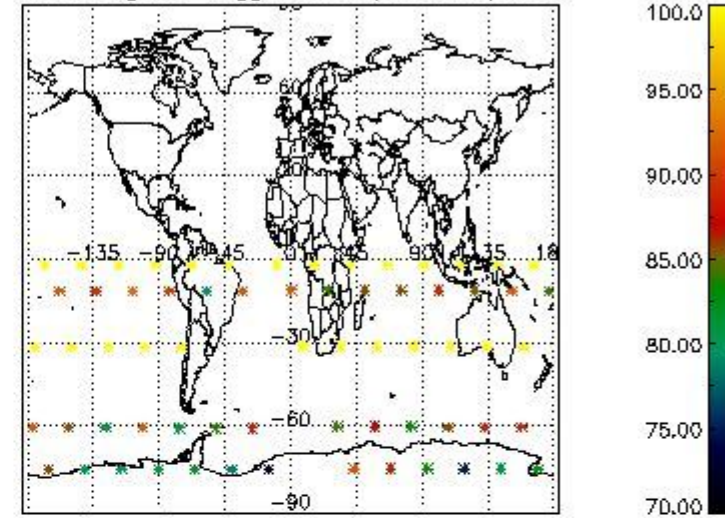


3.2 Plot quality information per product (world map)

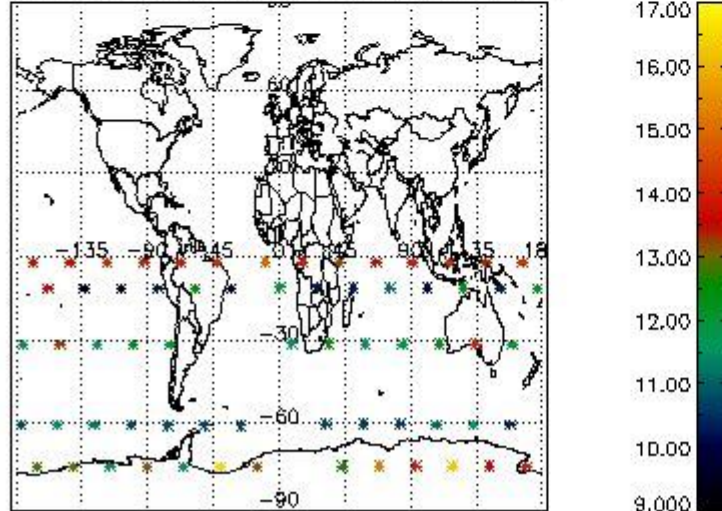
Percentage of flagged data per O3 profile



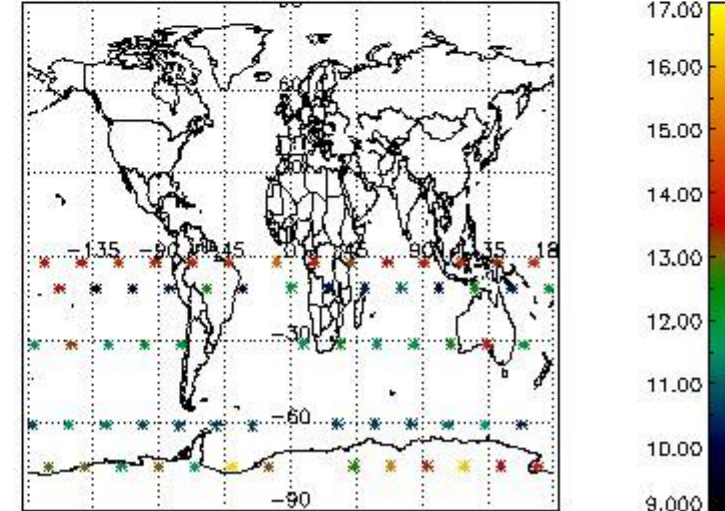
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

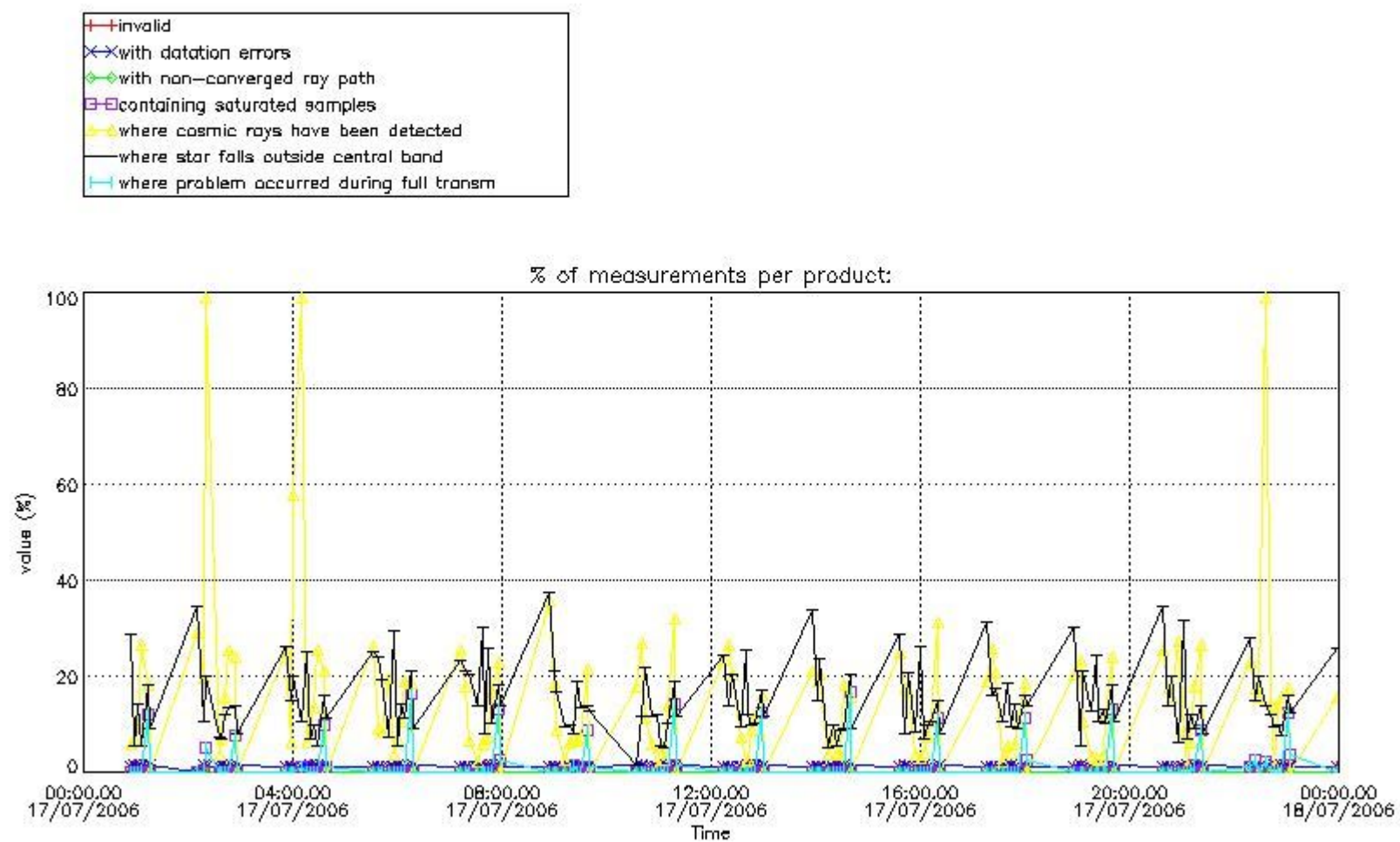


4. Level 1 quality information per product

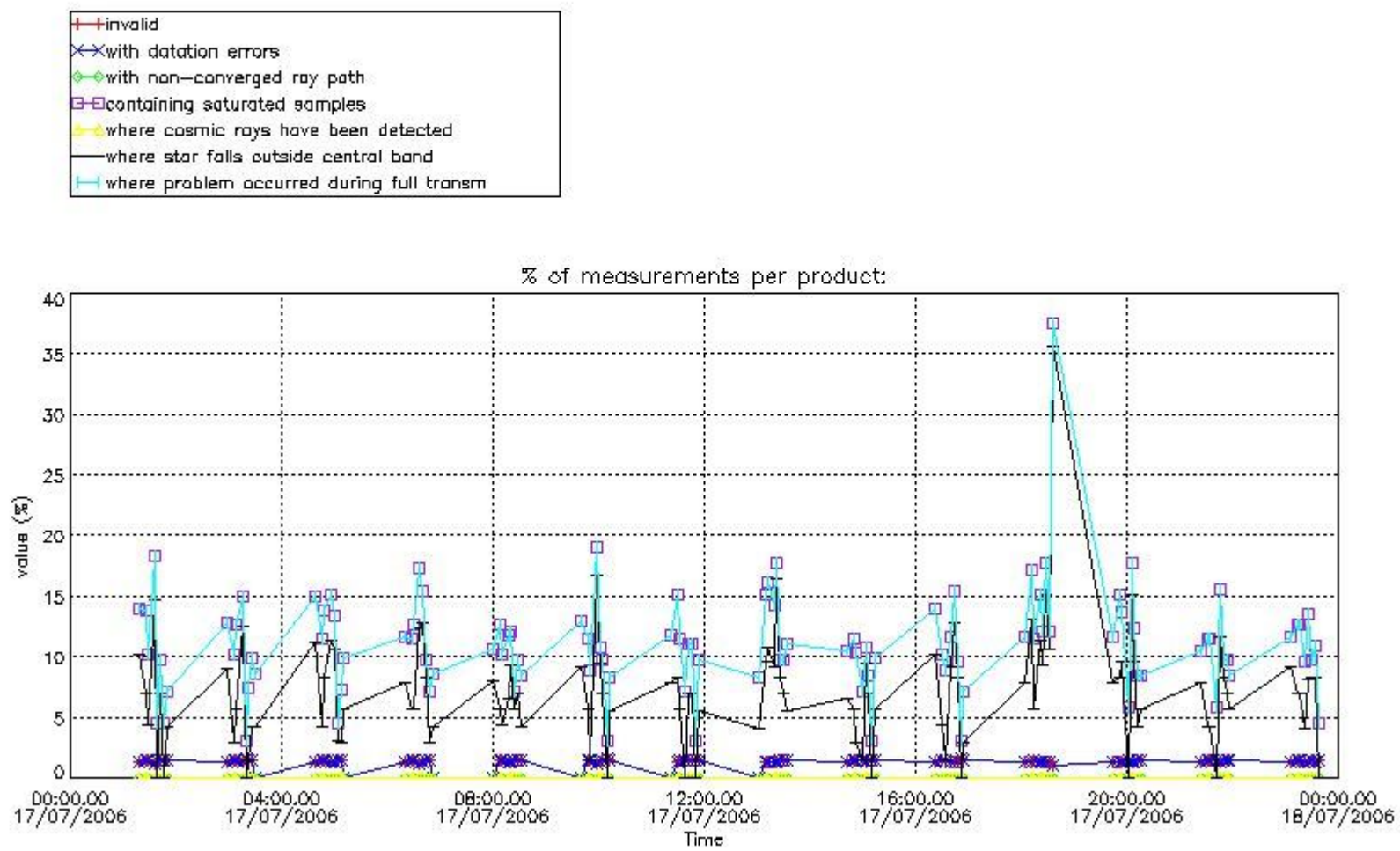
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

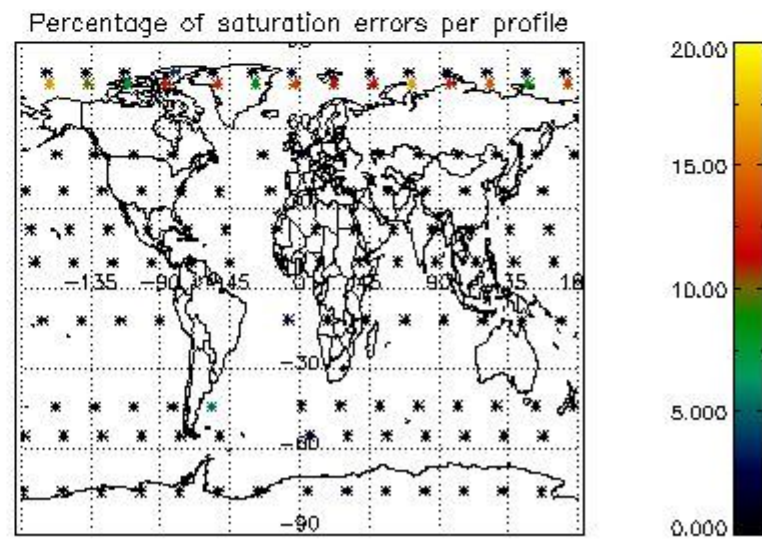
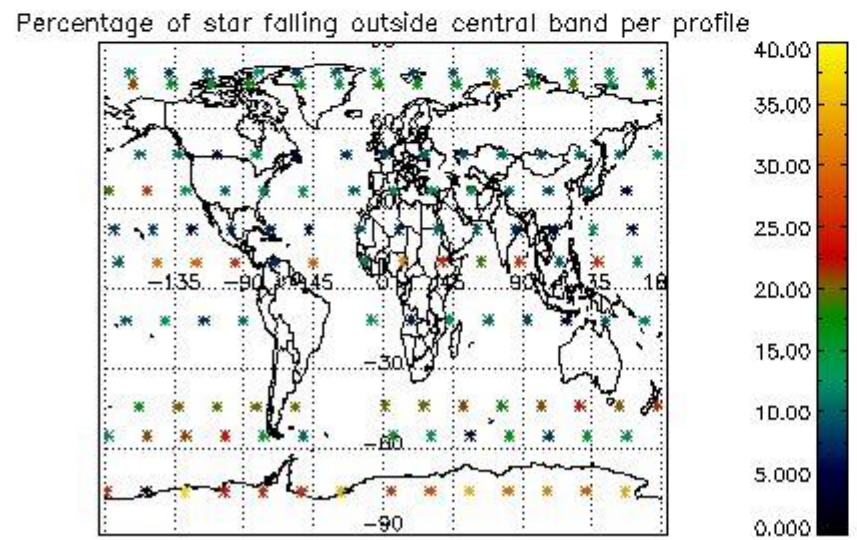
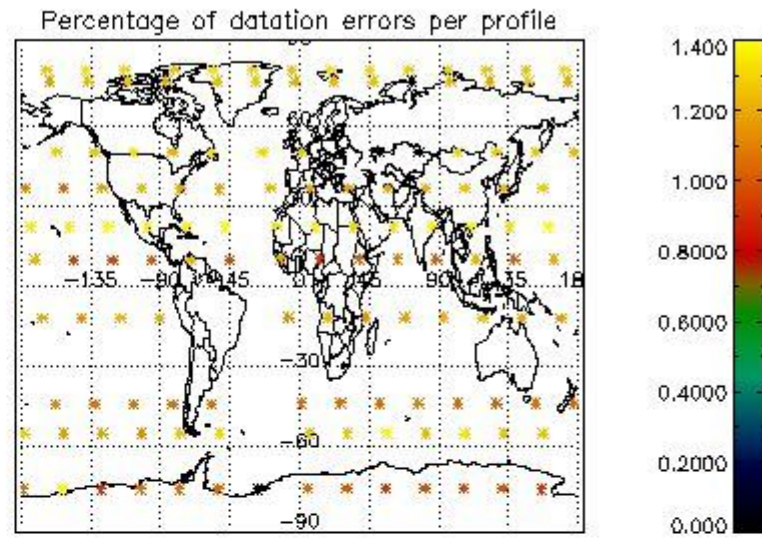
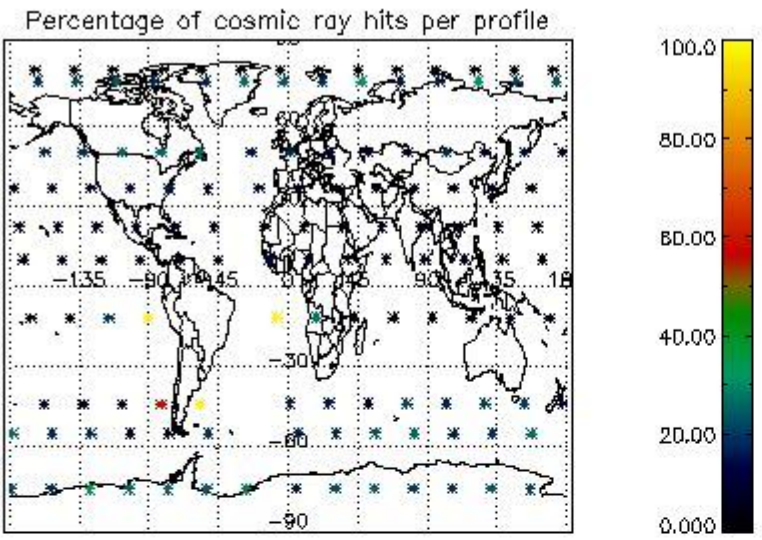


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

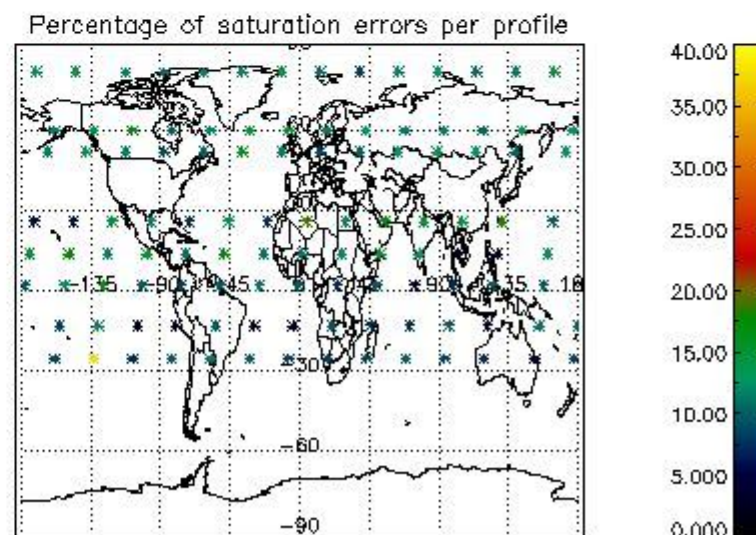
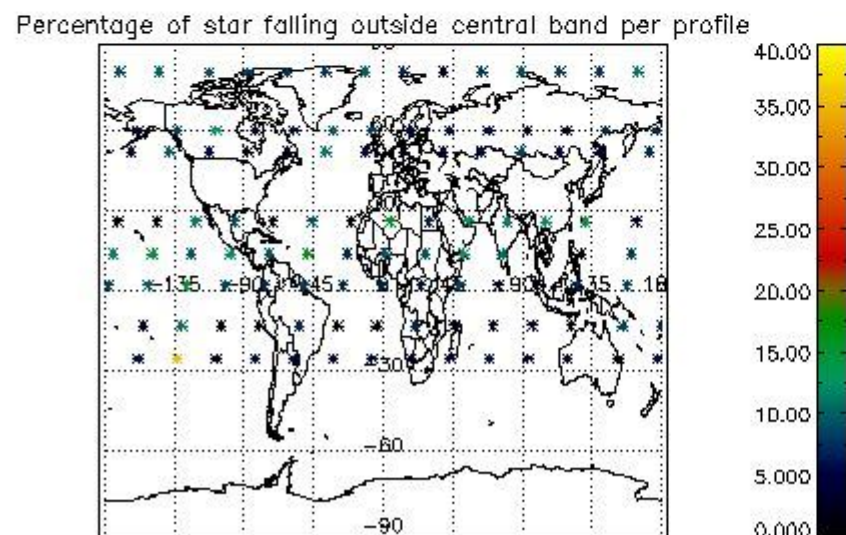
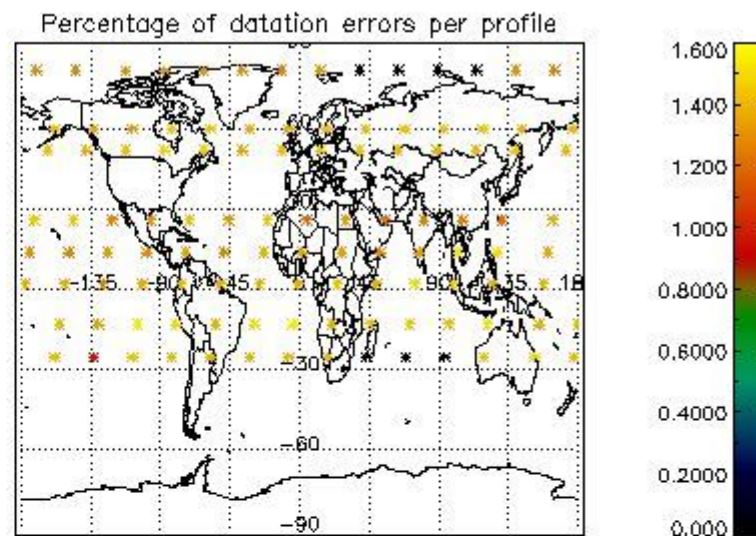
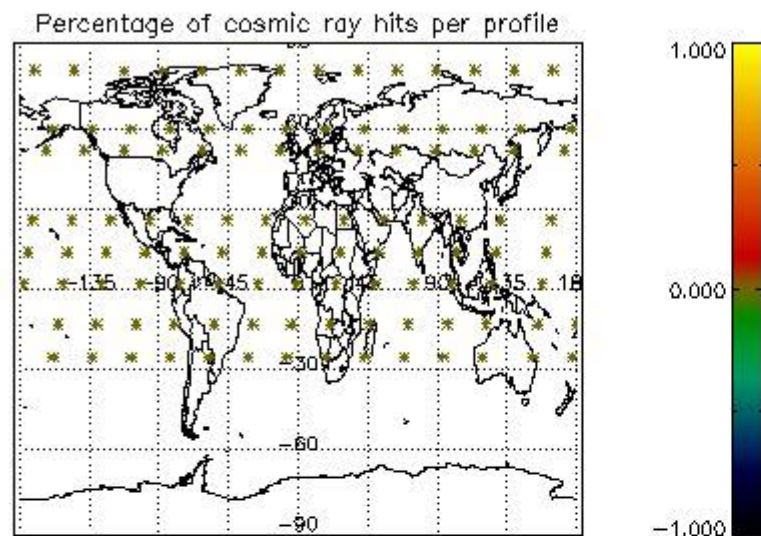


4.2 Plot quality information per product coming from level 1b processing (world map)

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

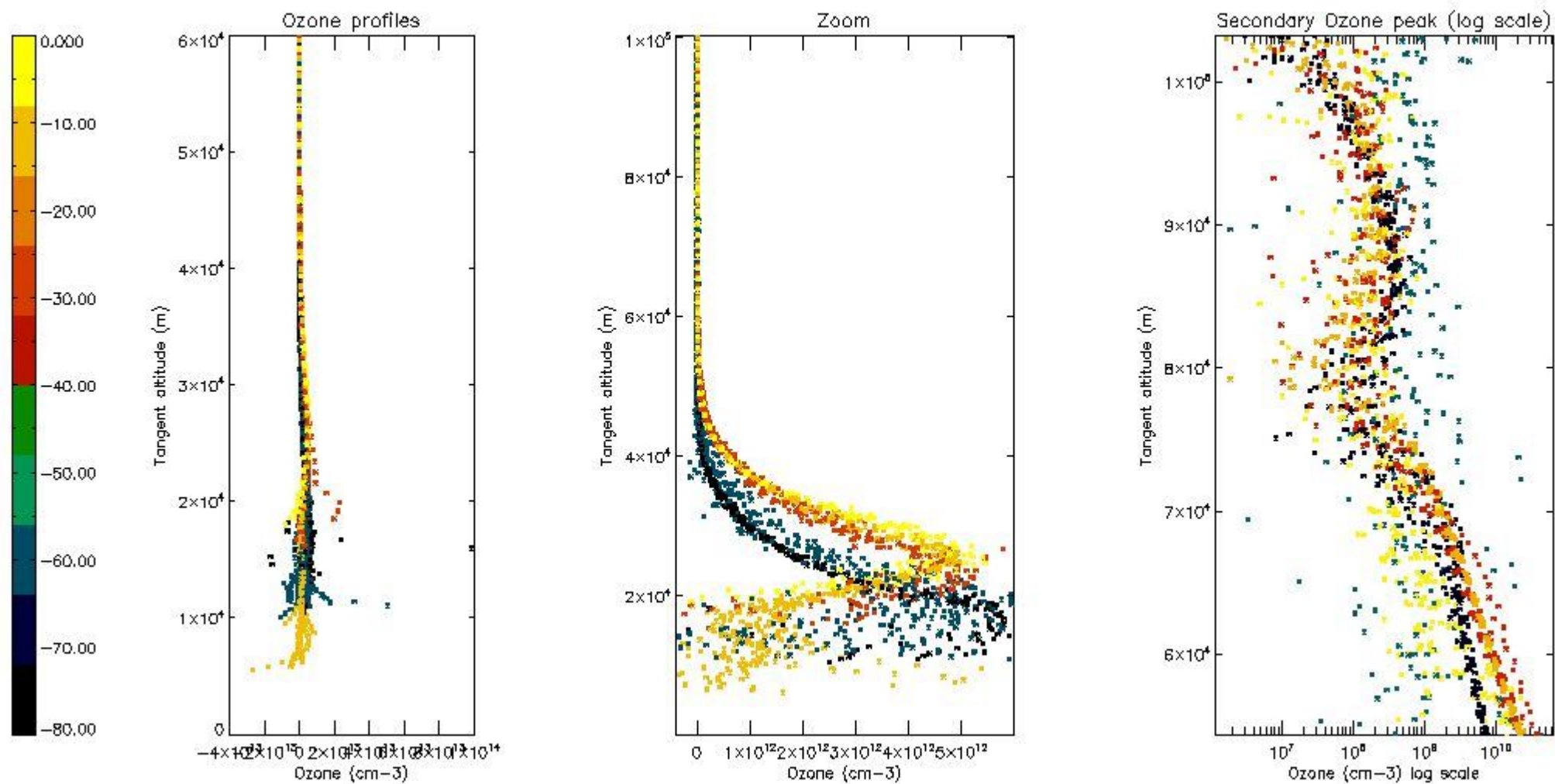
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	11
STD < 5	7

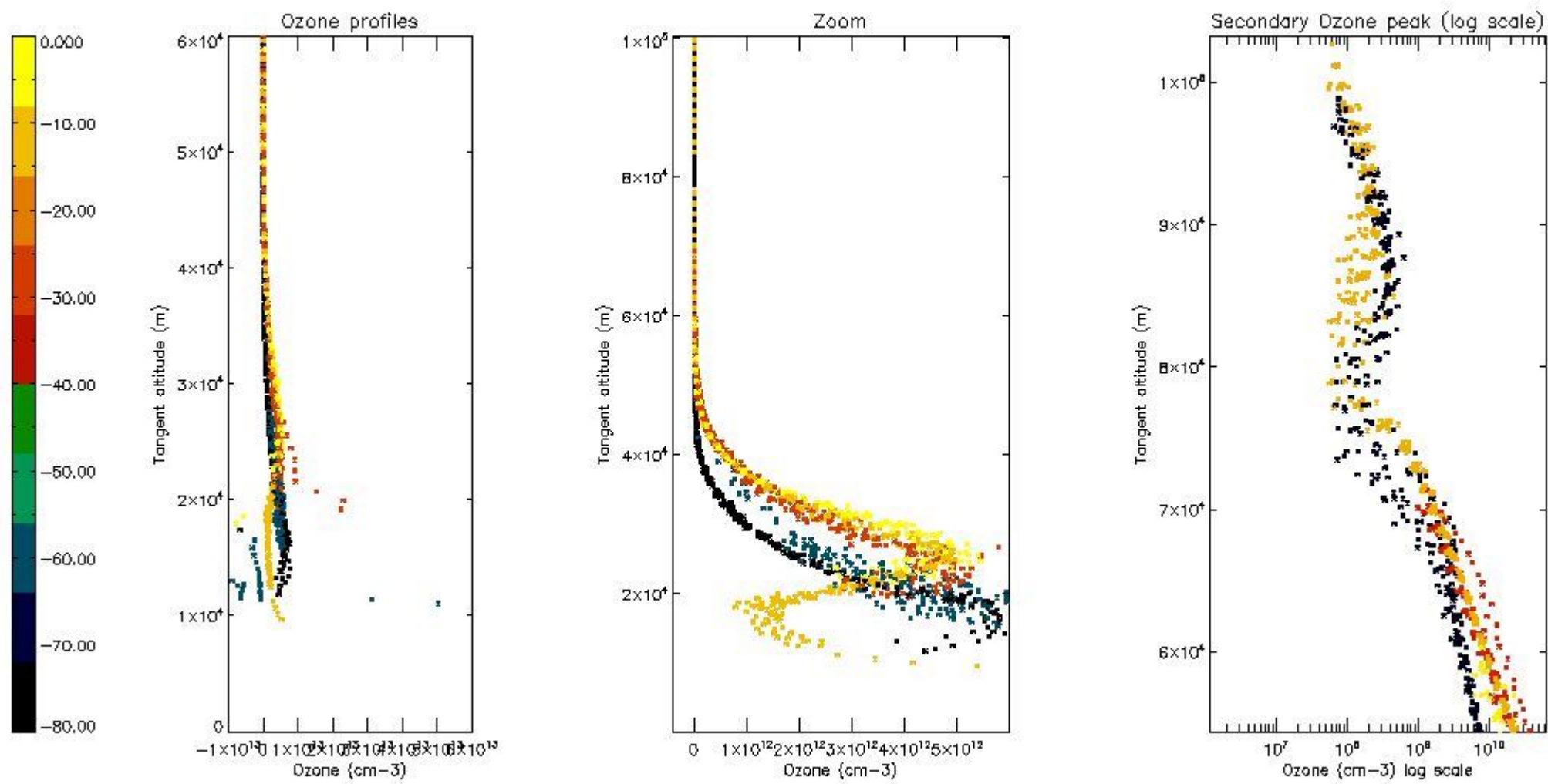
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



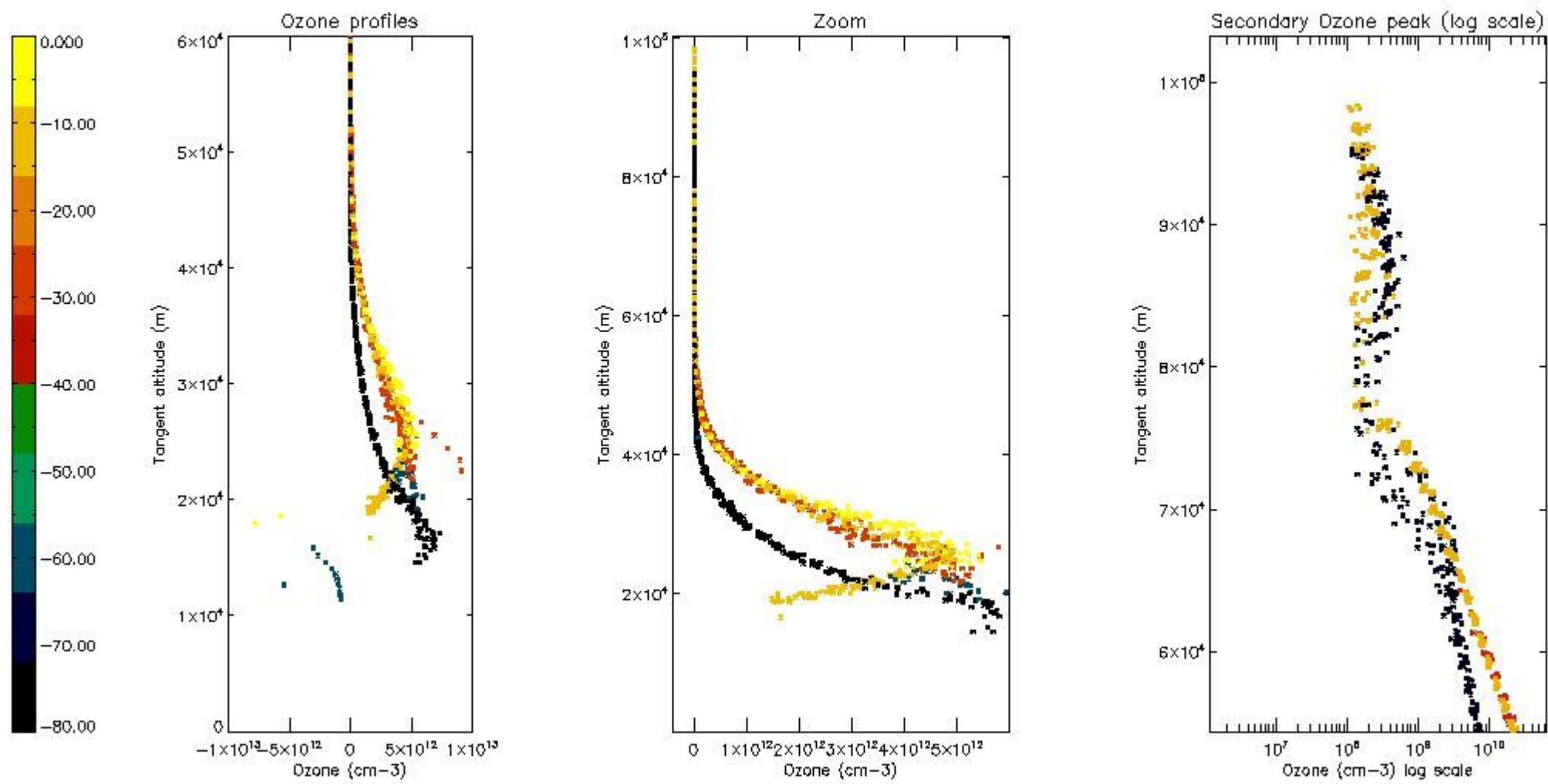
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



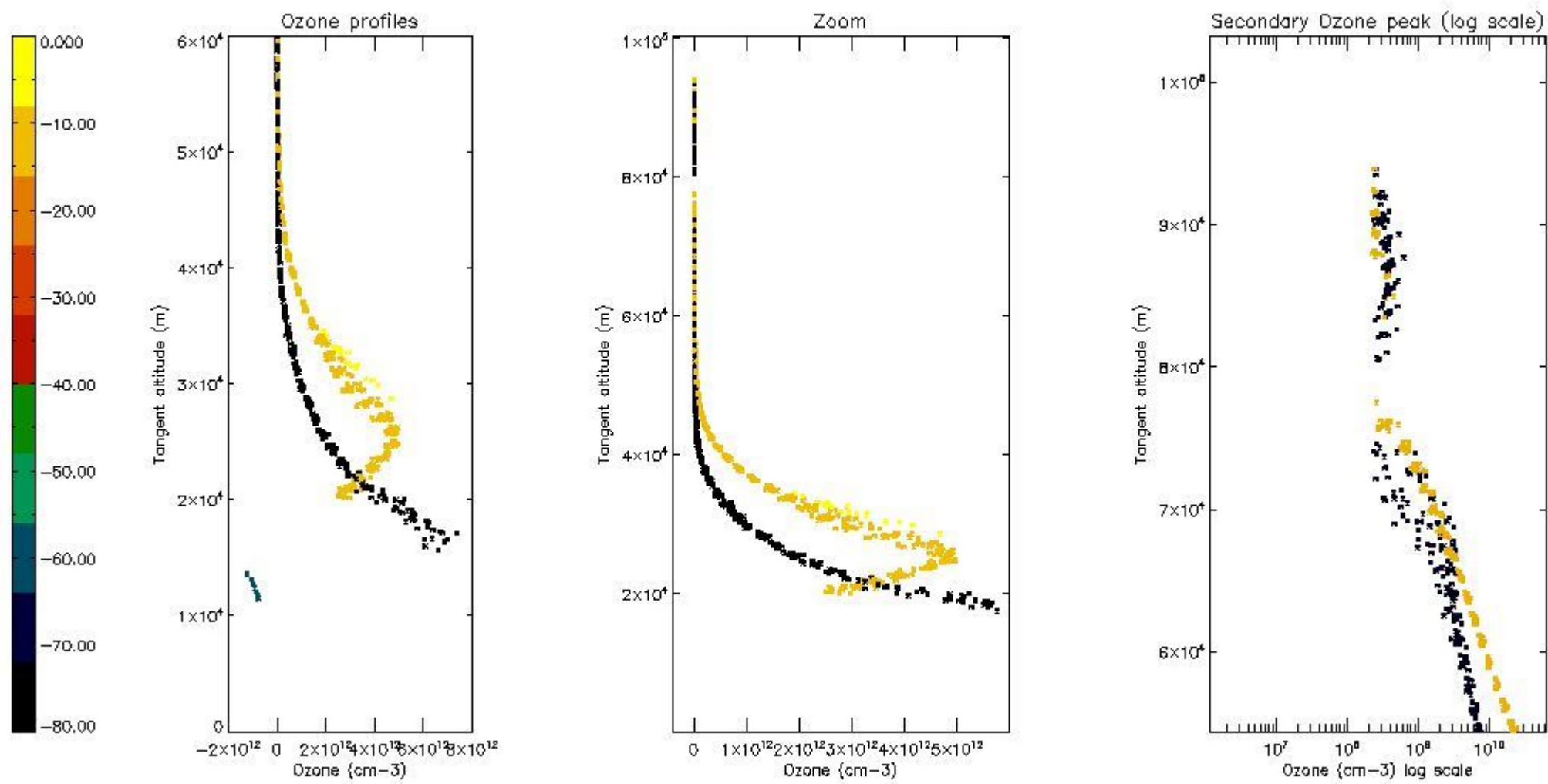
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



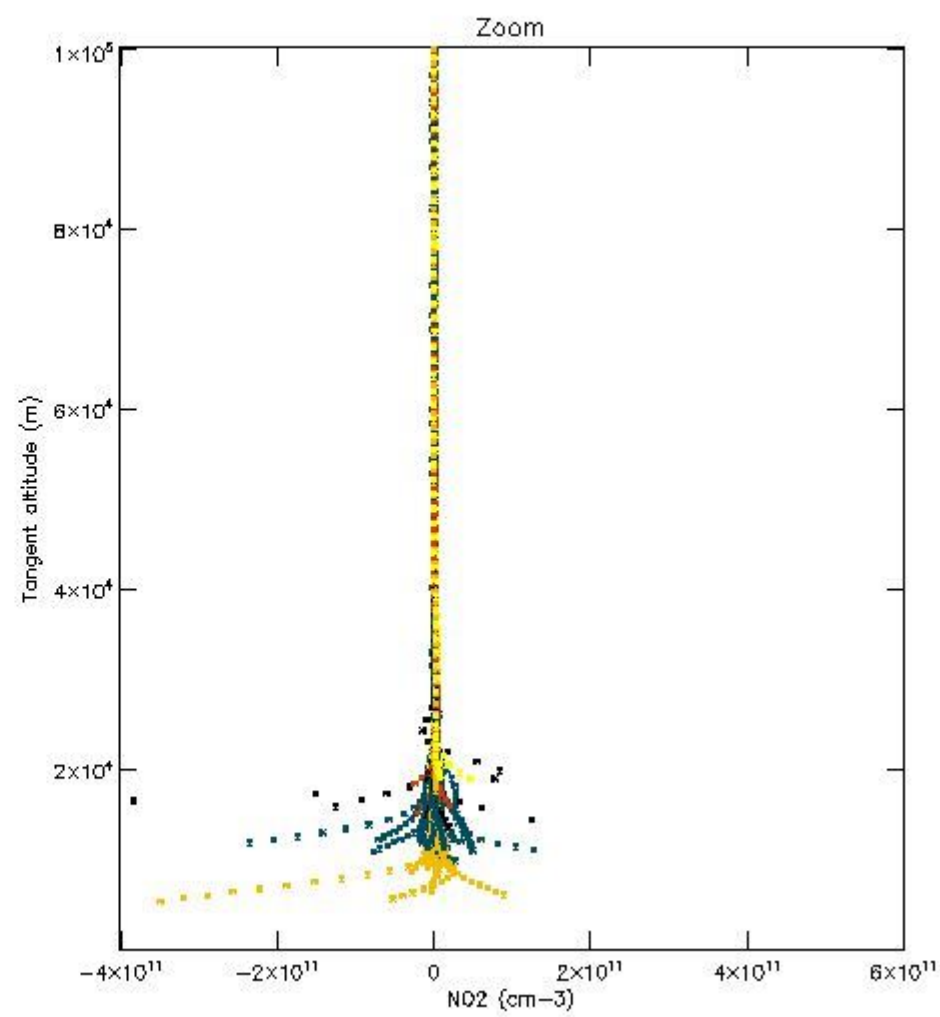
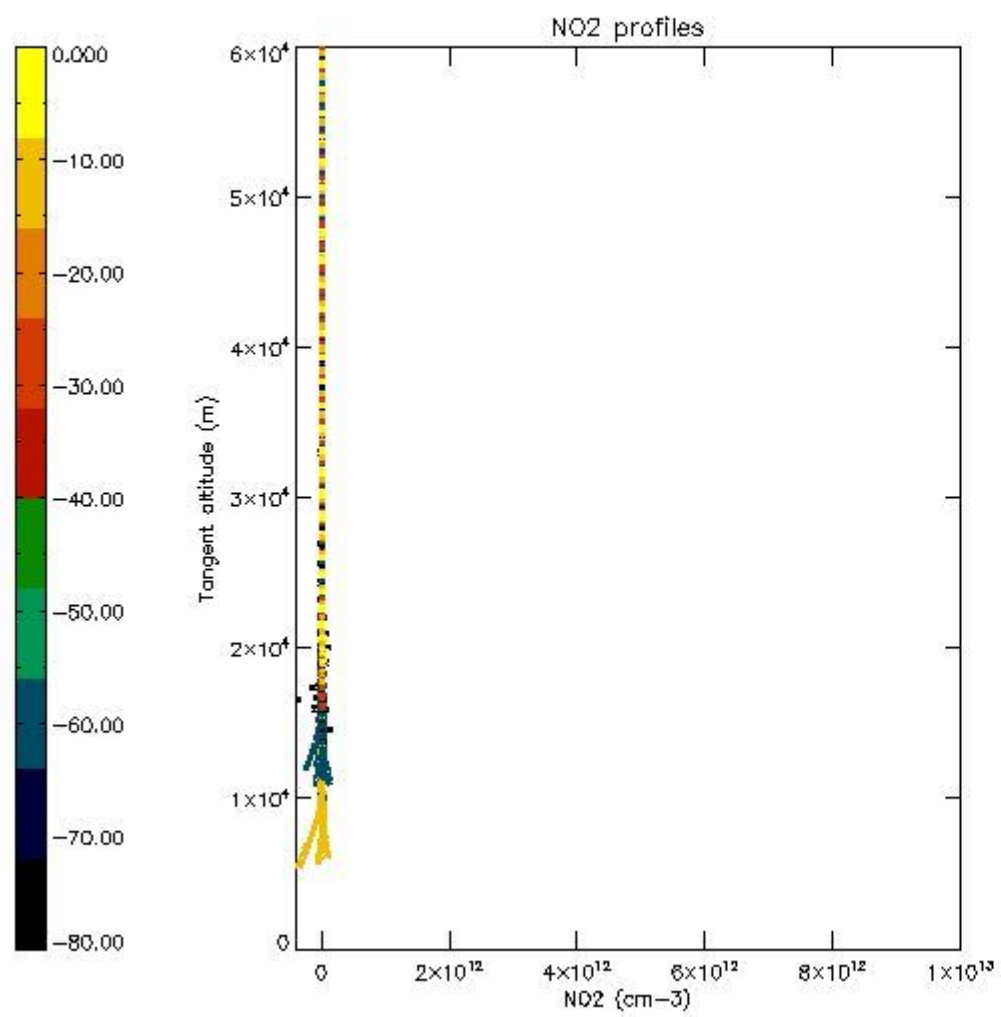
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



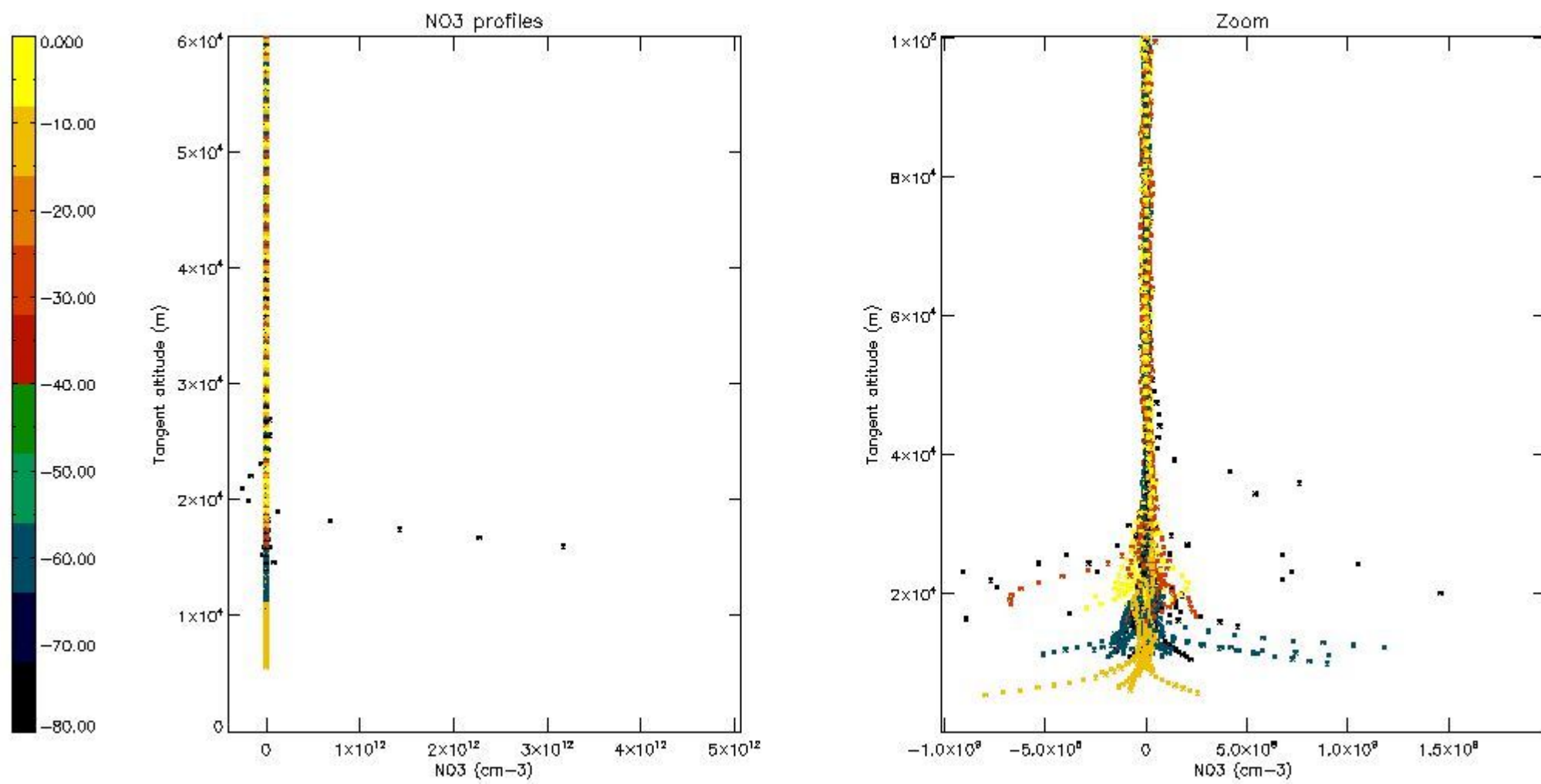
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



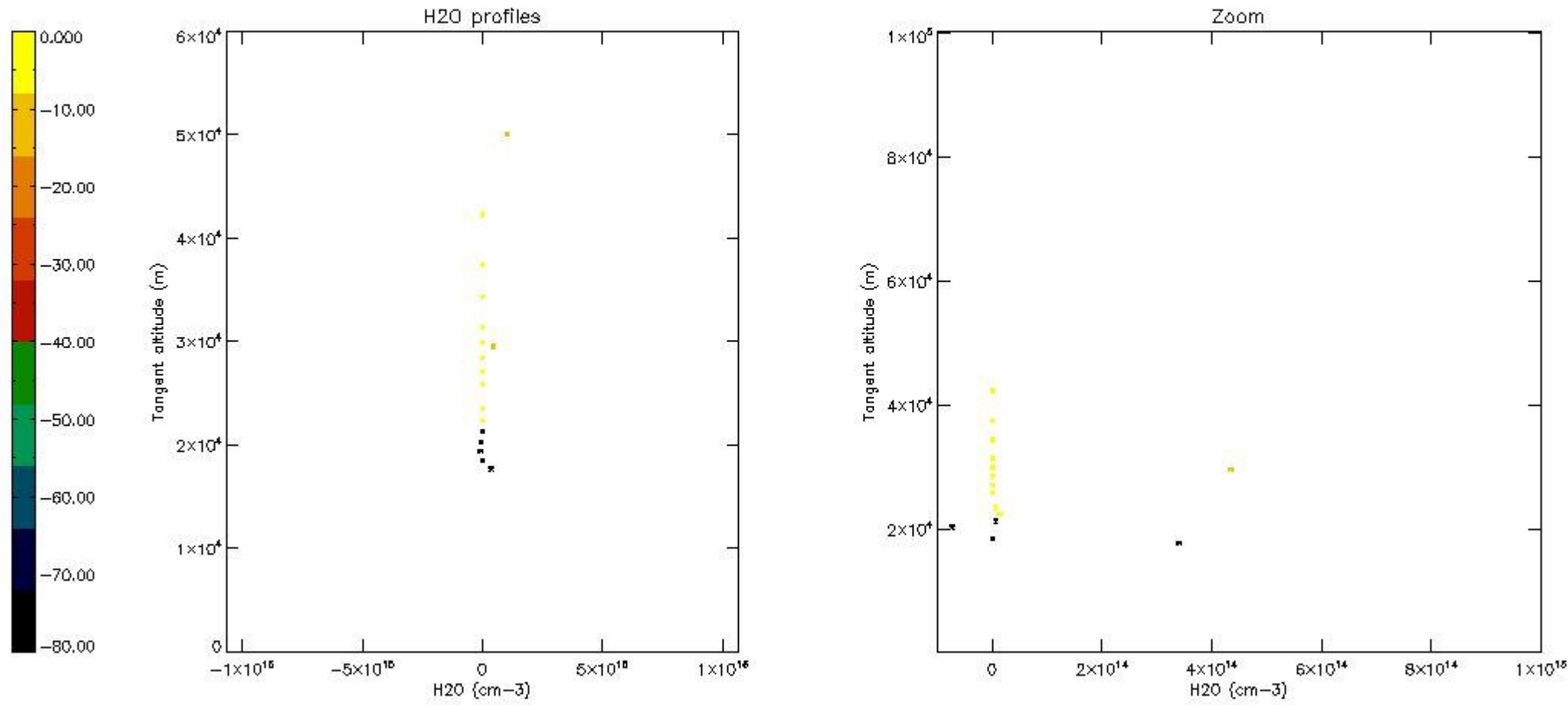
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

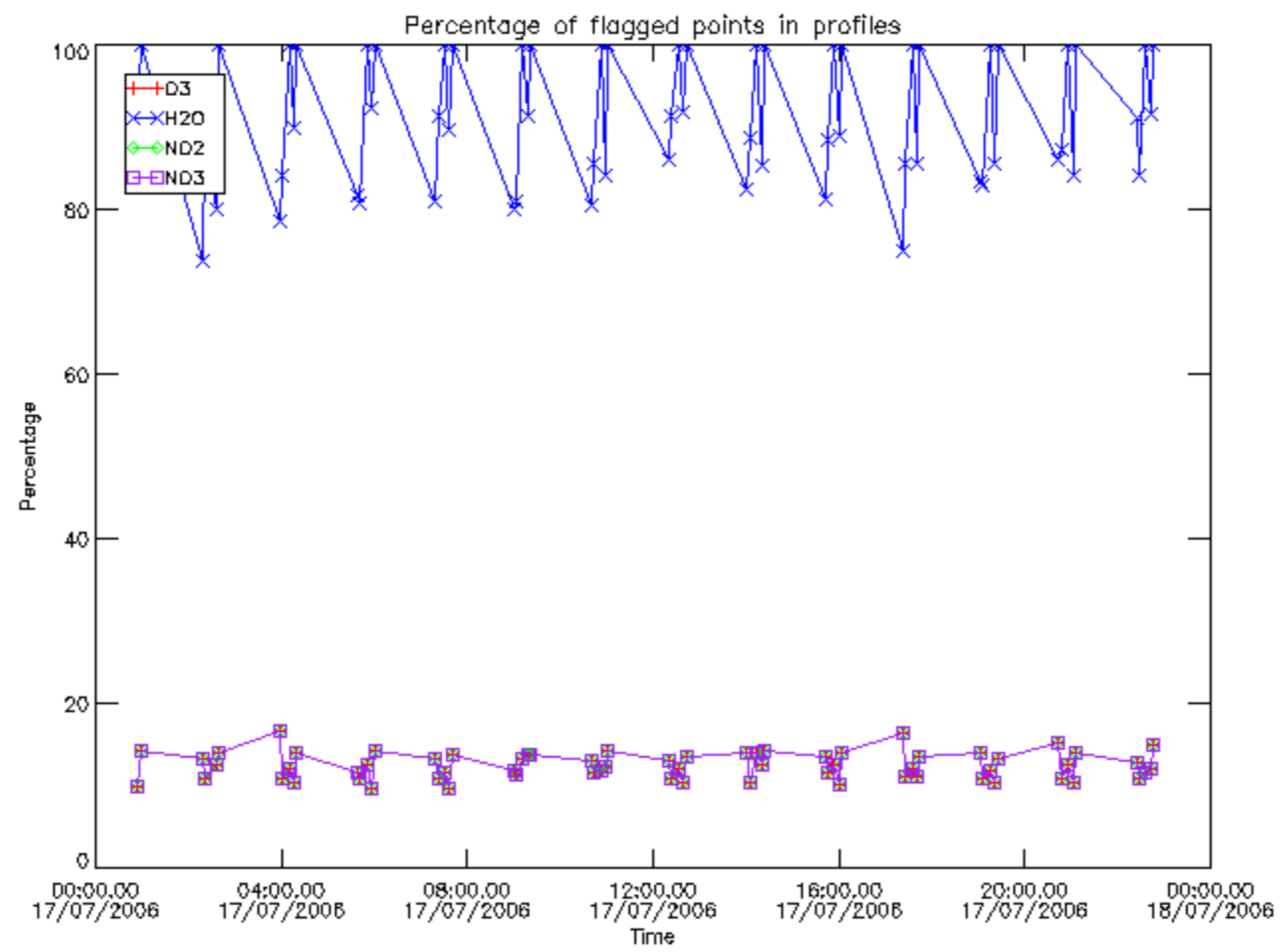
The colorbar represents the latitude.



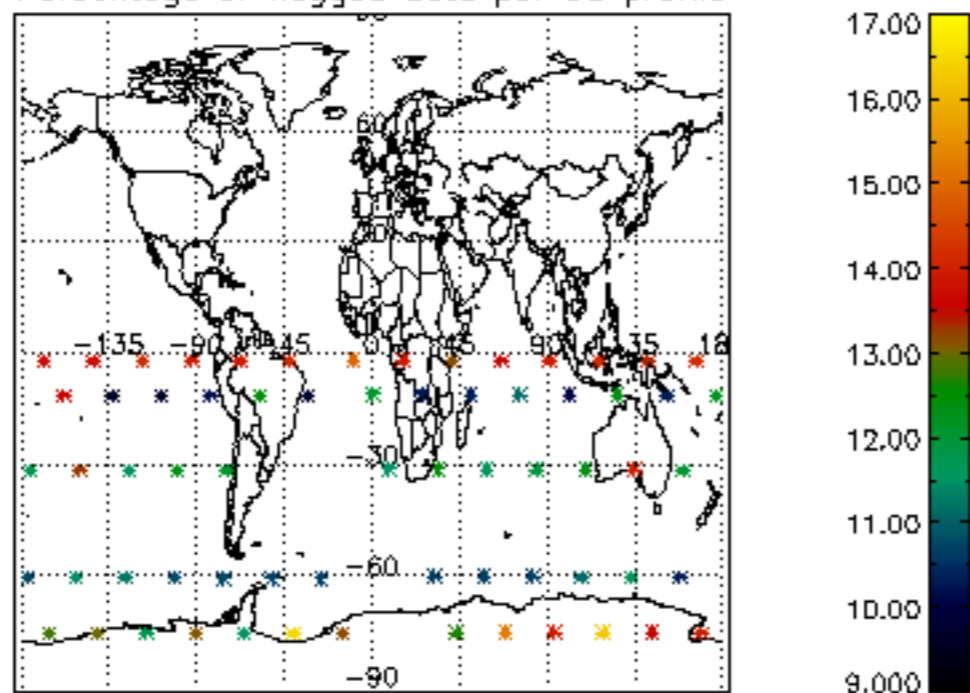
6. Auxiliary Data Files used for the production reported in section 2

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

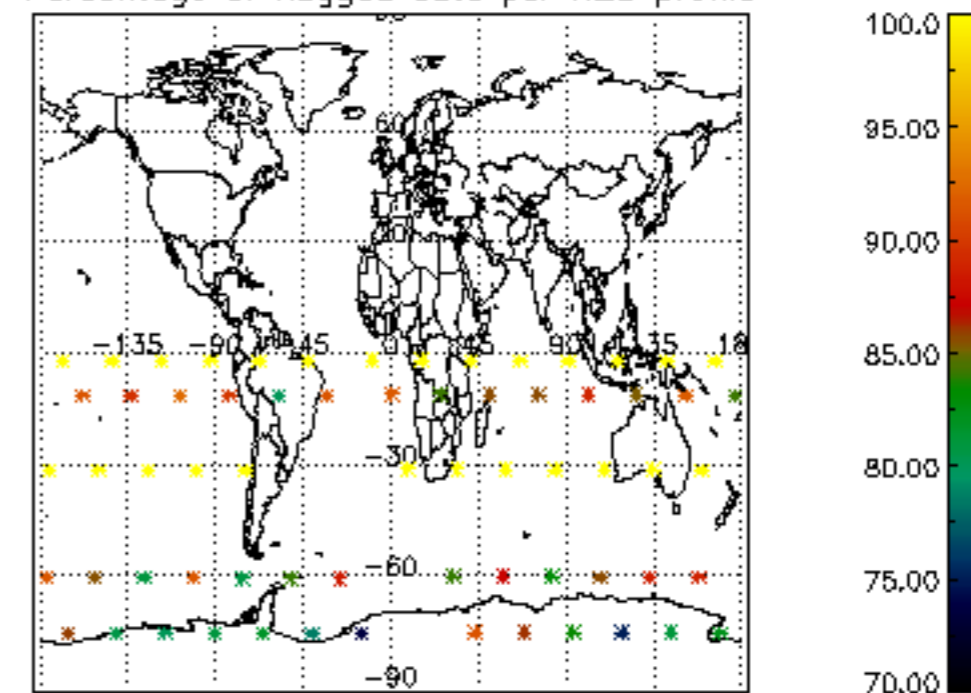
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-JUL-2006 00:54:52
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-JUL-2006 00:54:52
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-JUL-2006 00:54:52



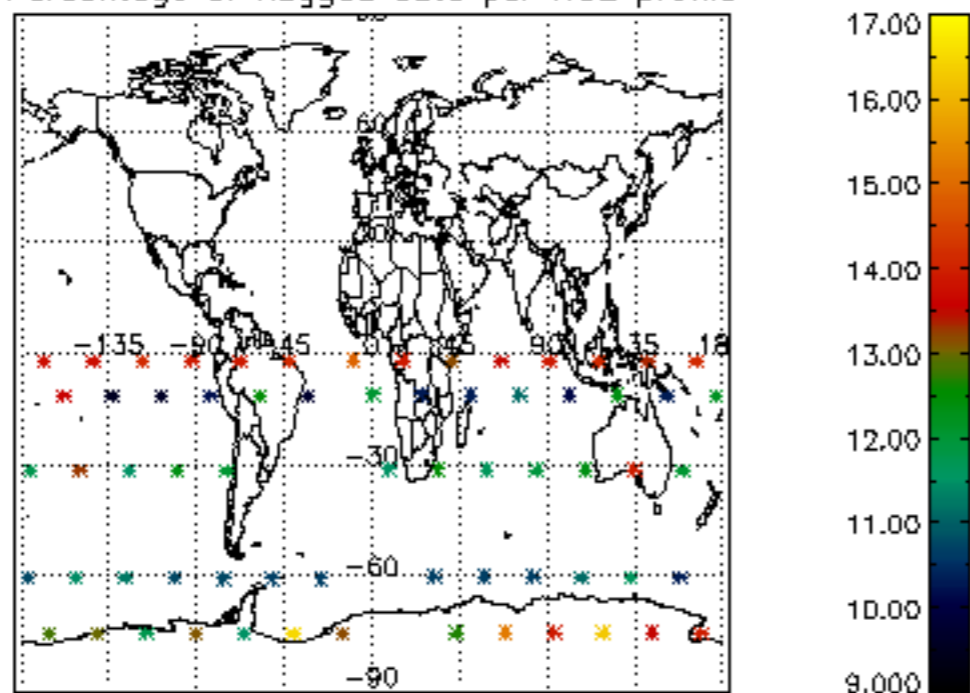
Percentage of flagged data per D3 profile



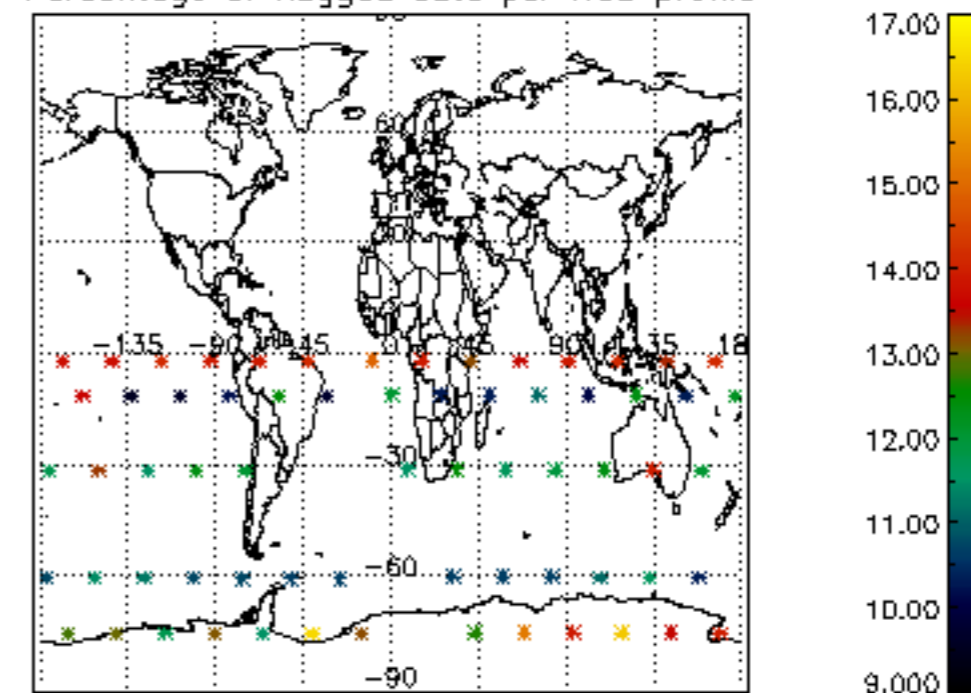
Percentage of flagged data per H2O profile

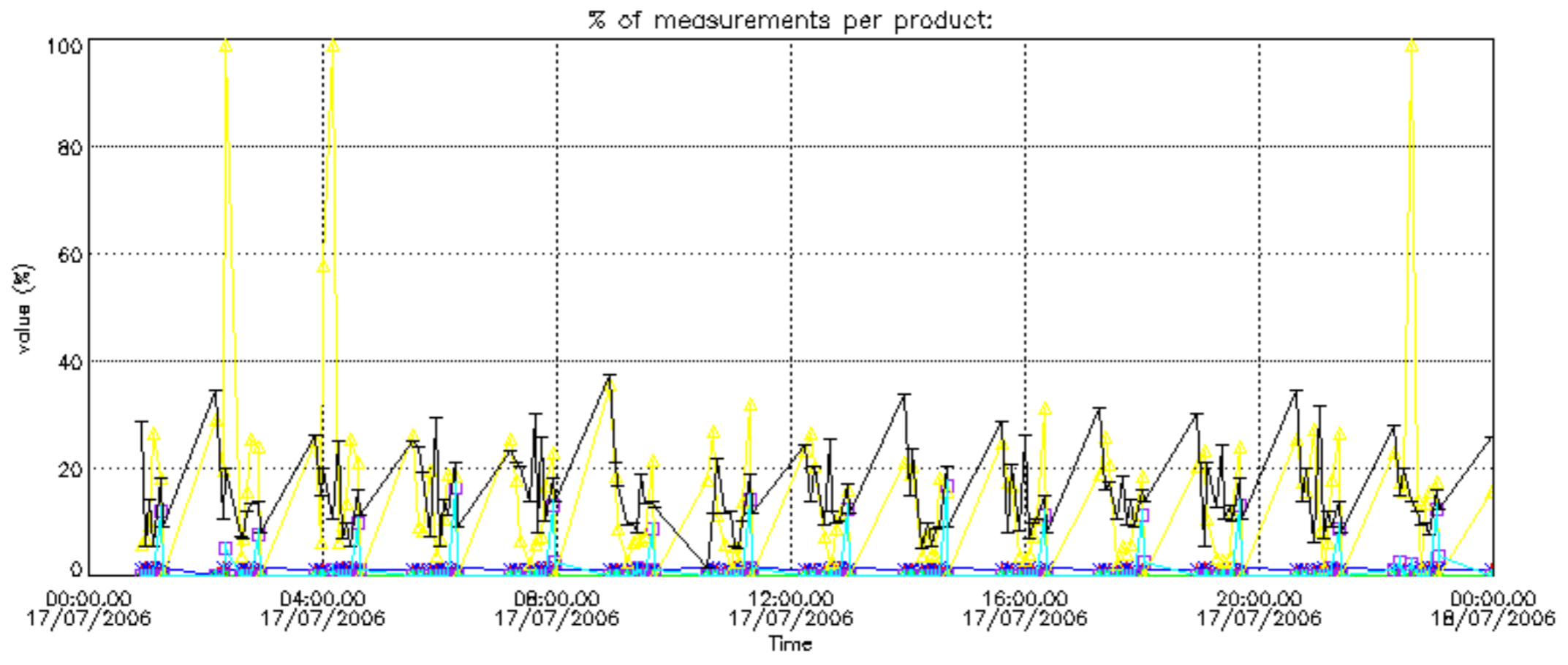


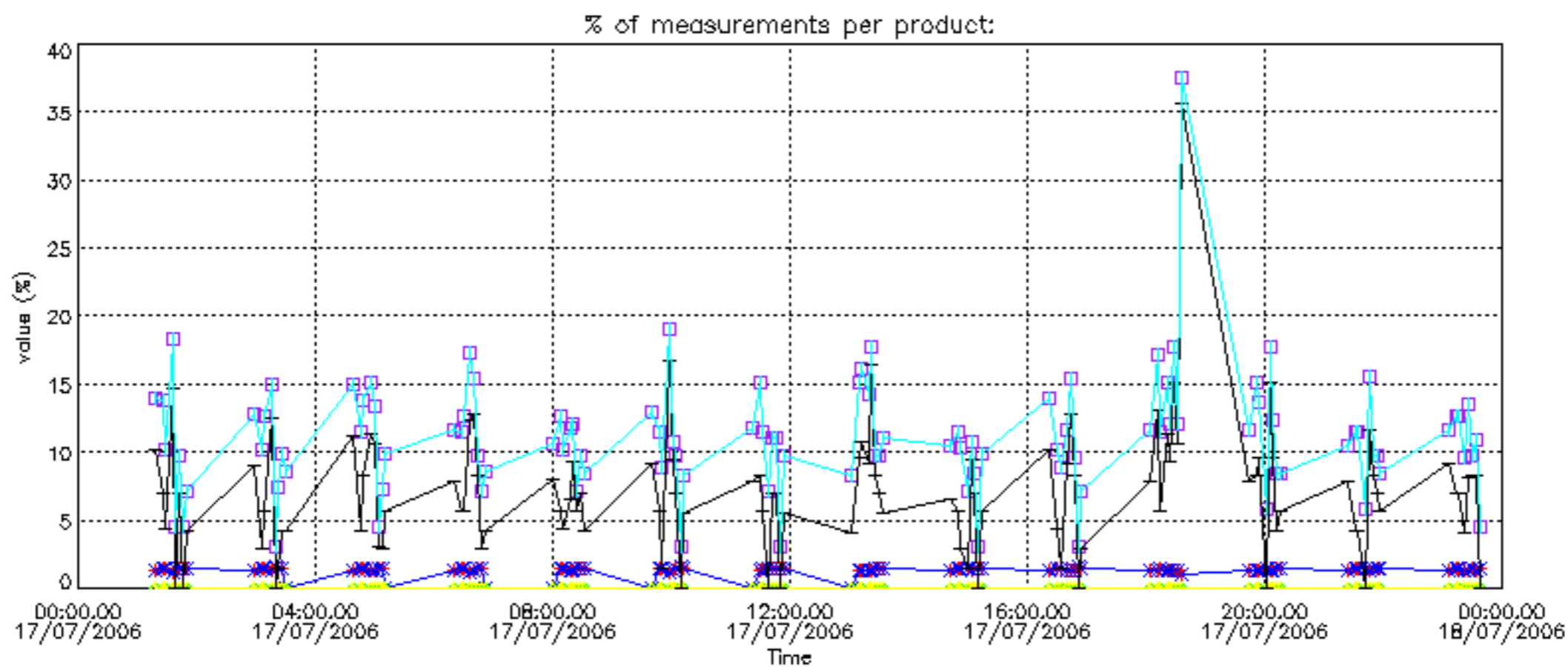
Percentage of flagged data per NO2 profile



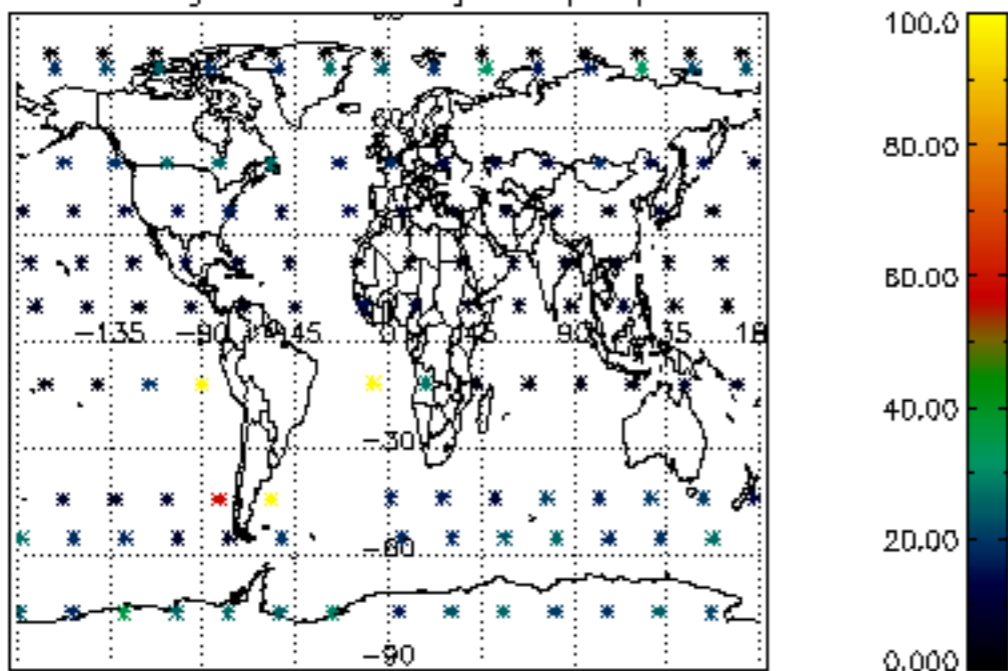
Percentage of flagged data per NO3 profile



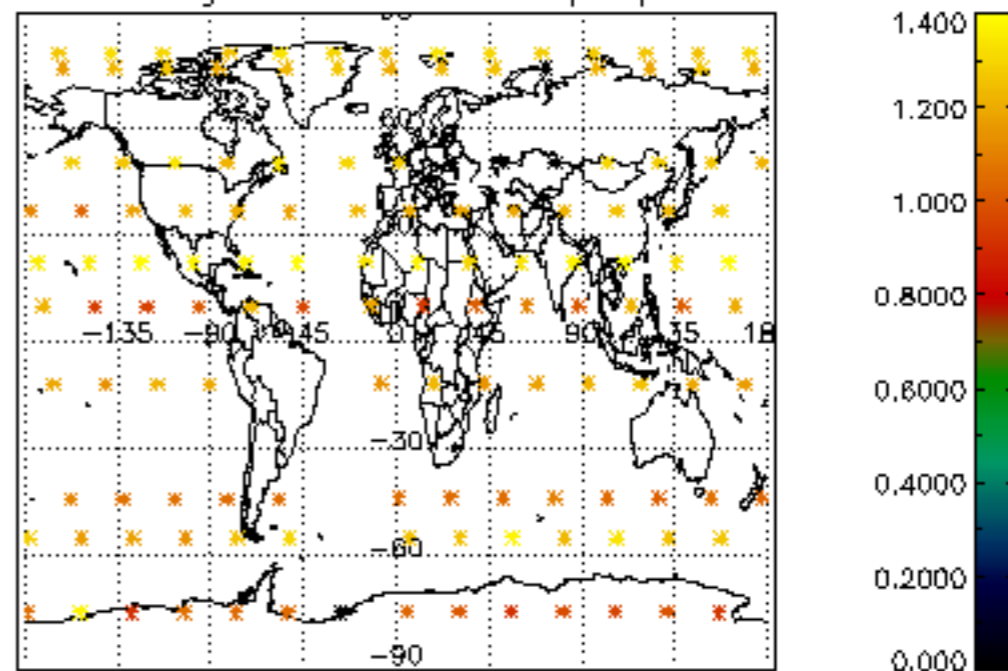




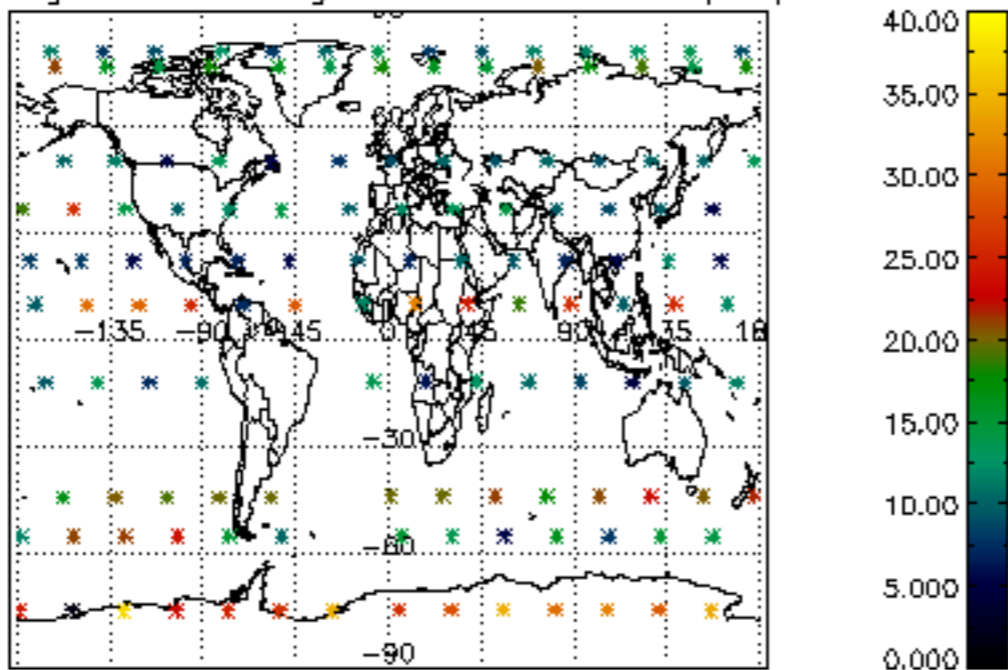
Percentage of cosmic ray hits per profile



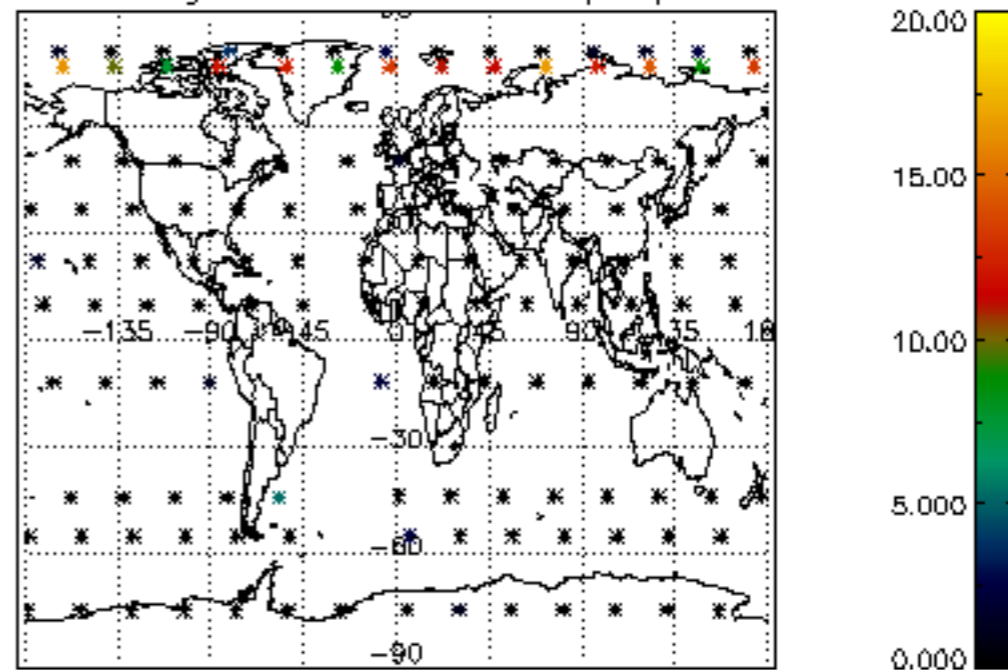
Percentage of datation errors per profile



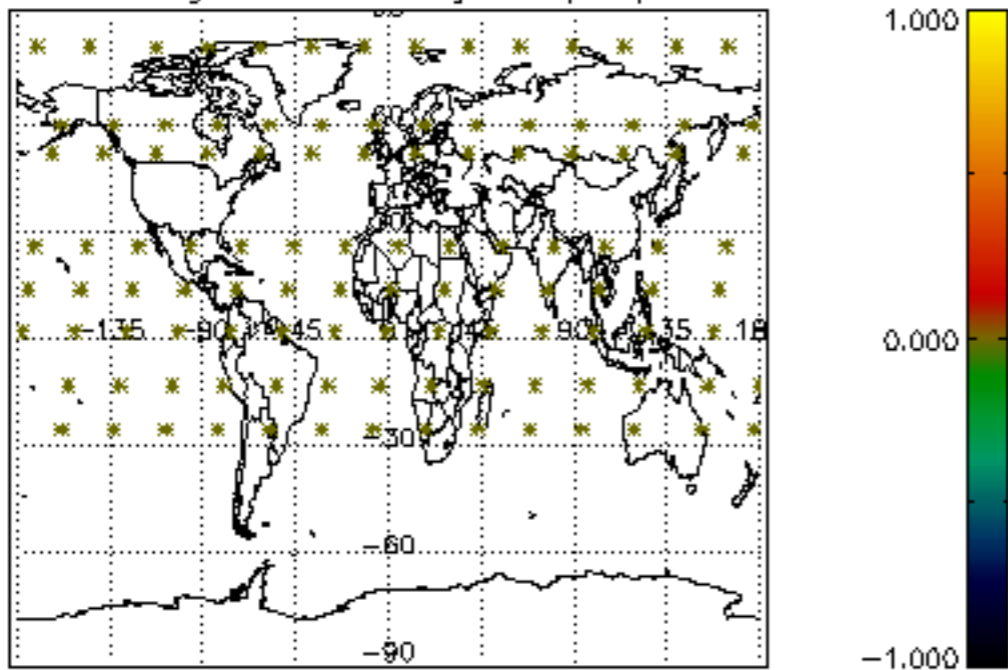
Percentage of star falling outside central band per profile



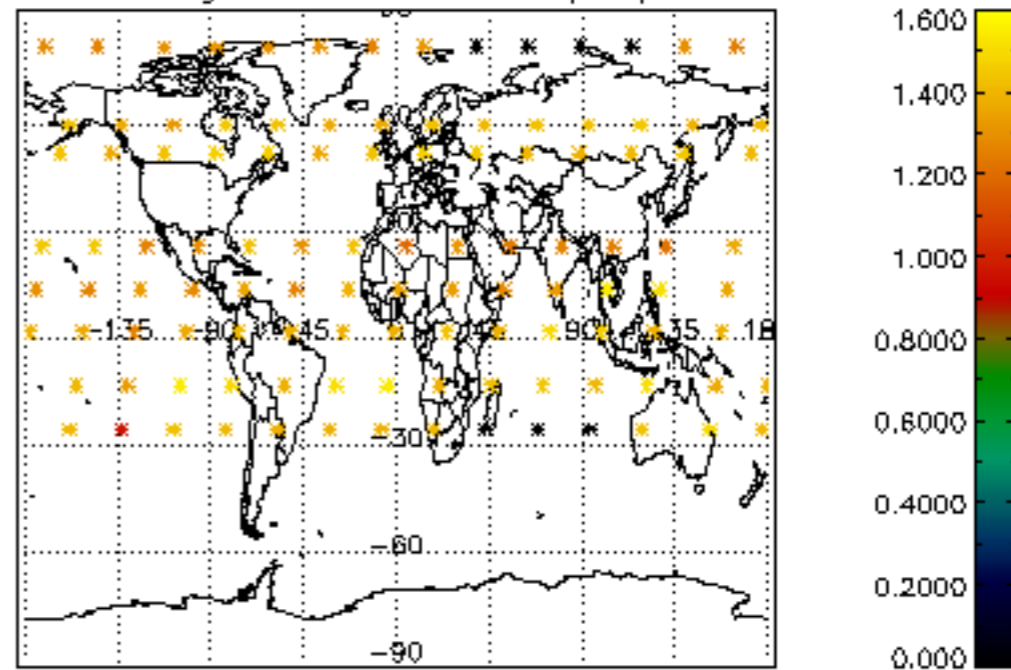
Percentage of saturation errors per profile



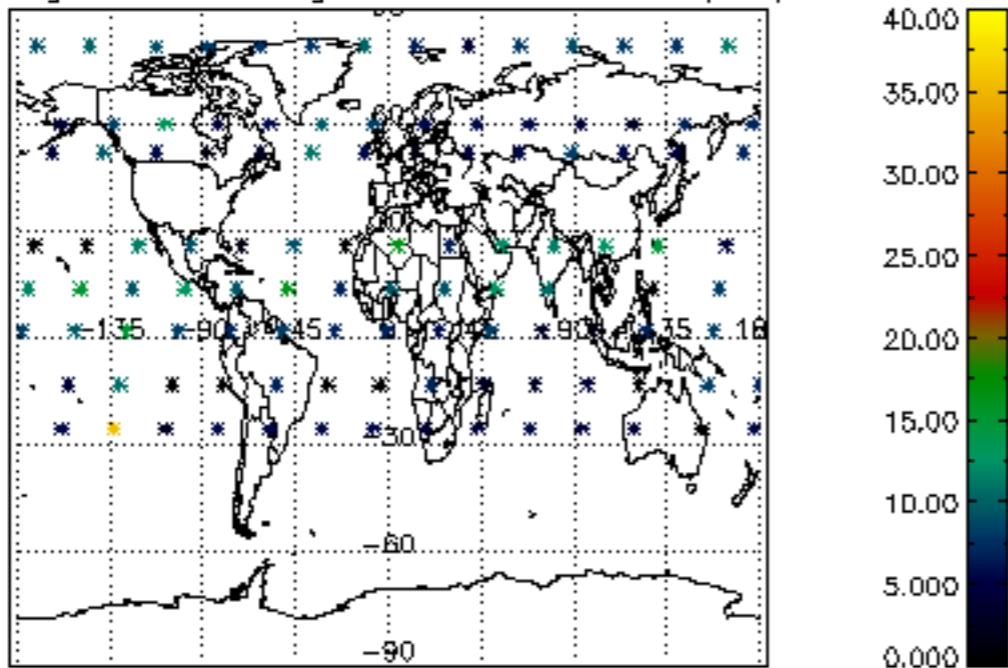
Percentage of cosmic ray hits per profile



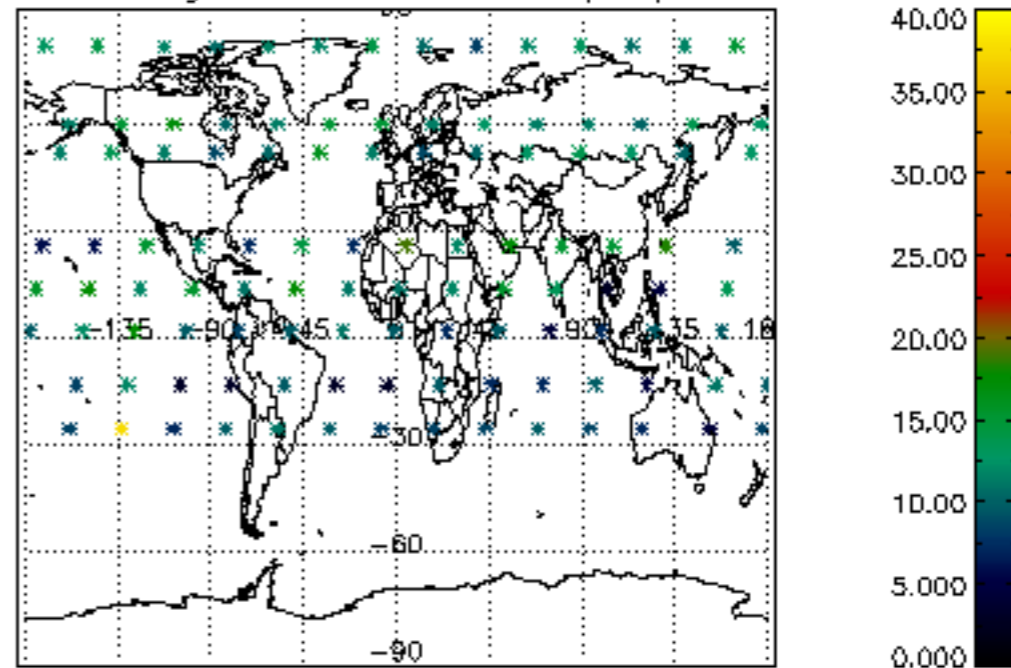
Percentage of datation errors per profile

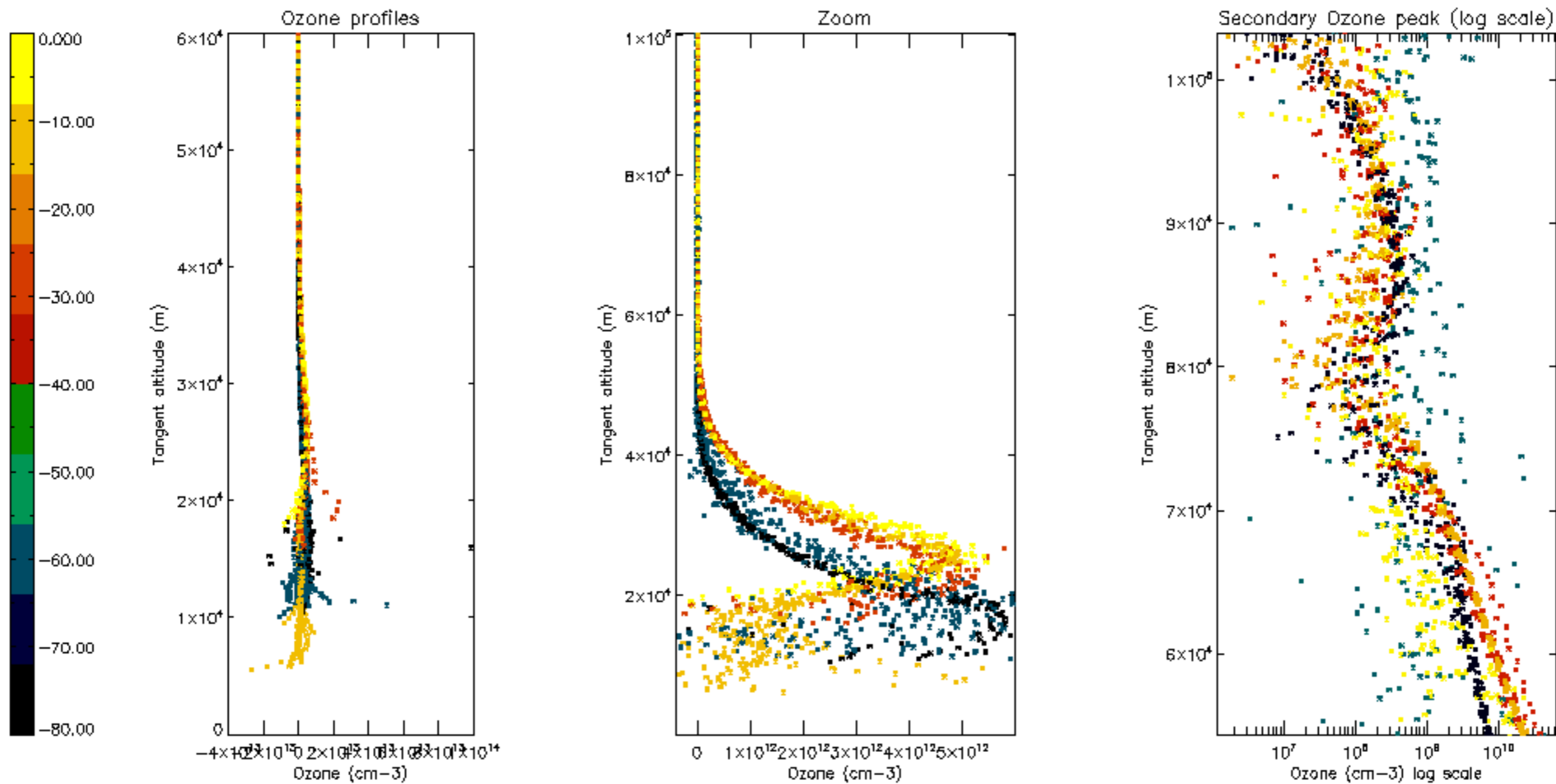


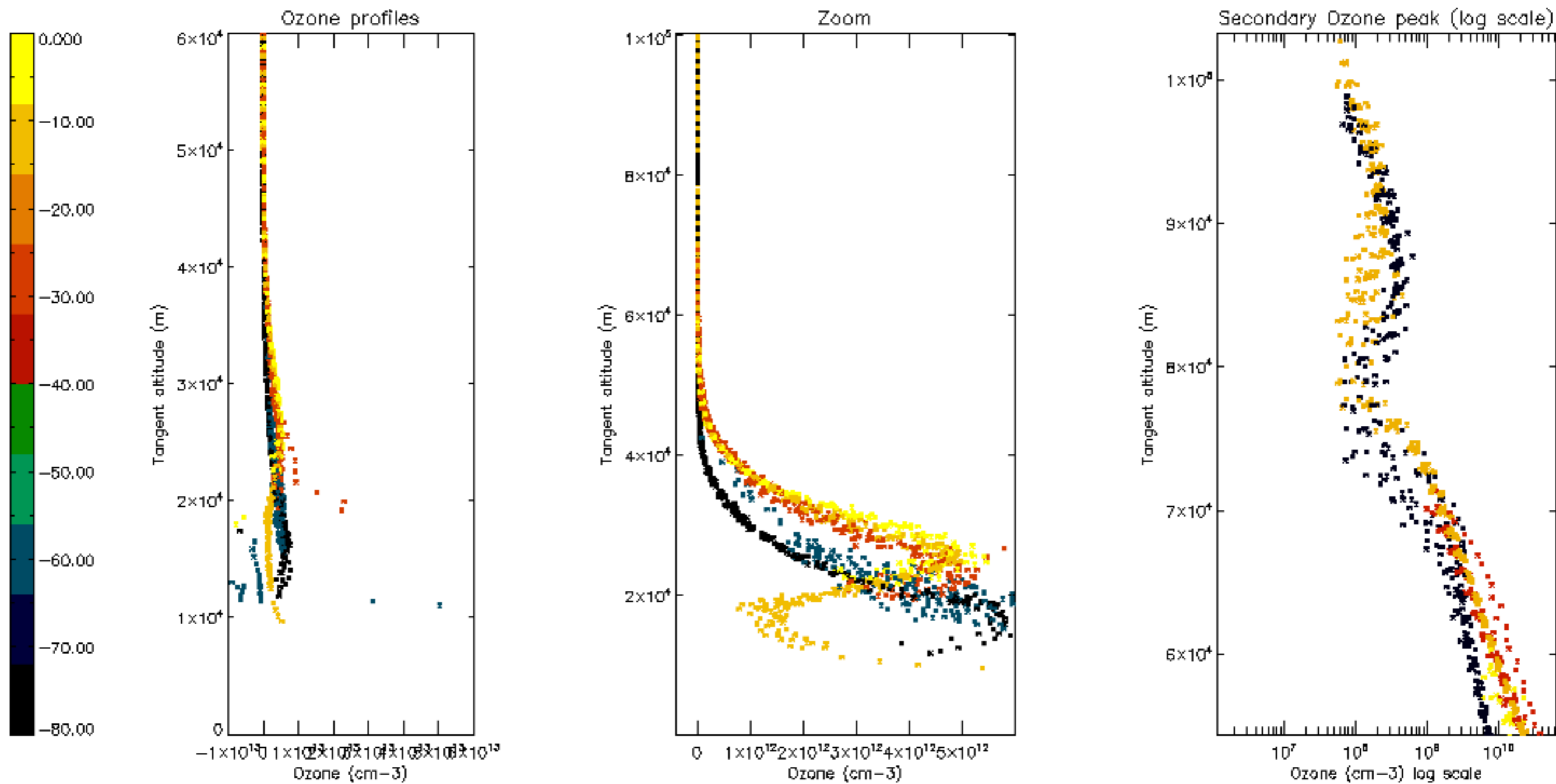
Percentage of star falling outside central band per profile

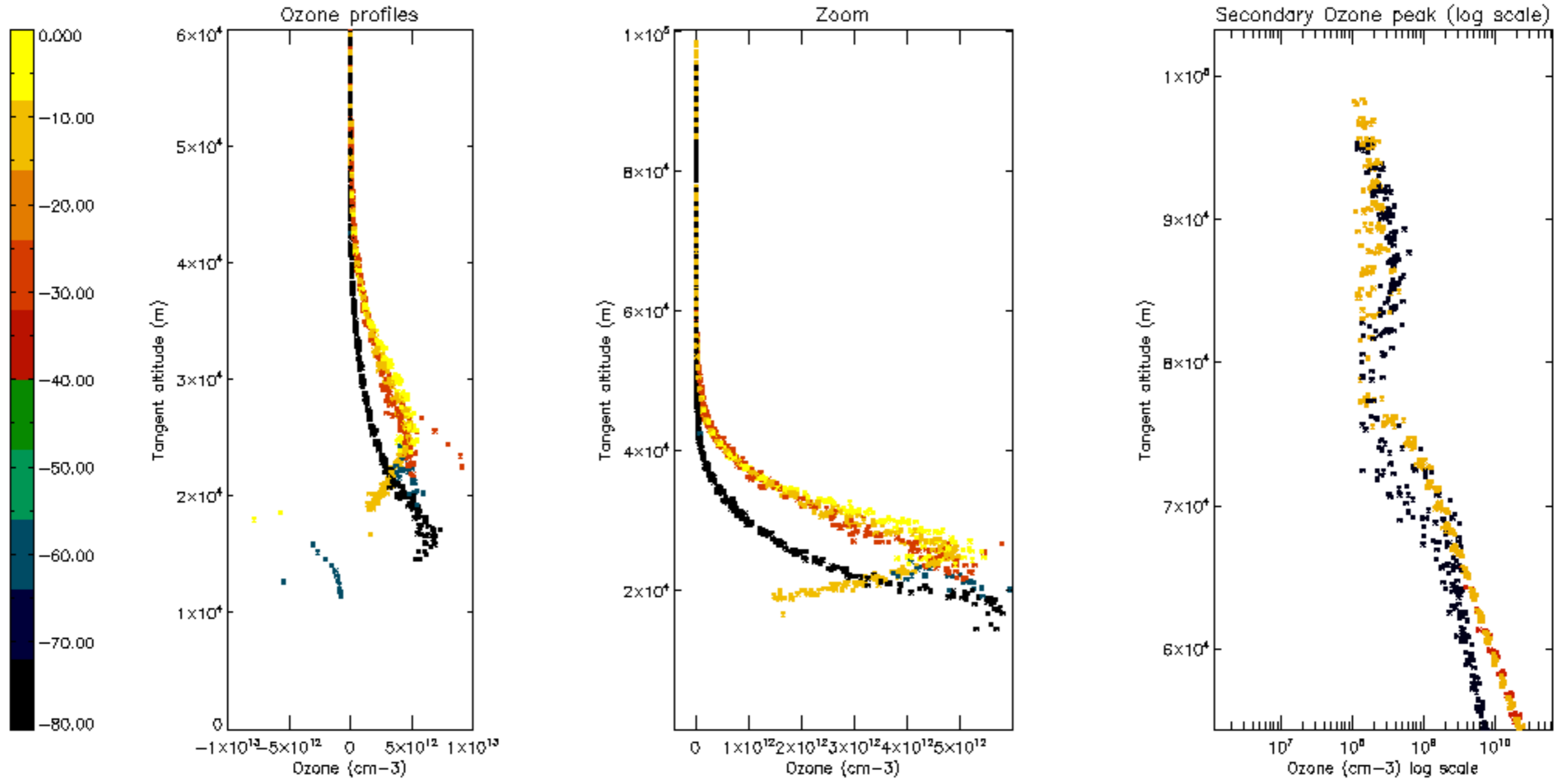


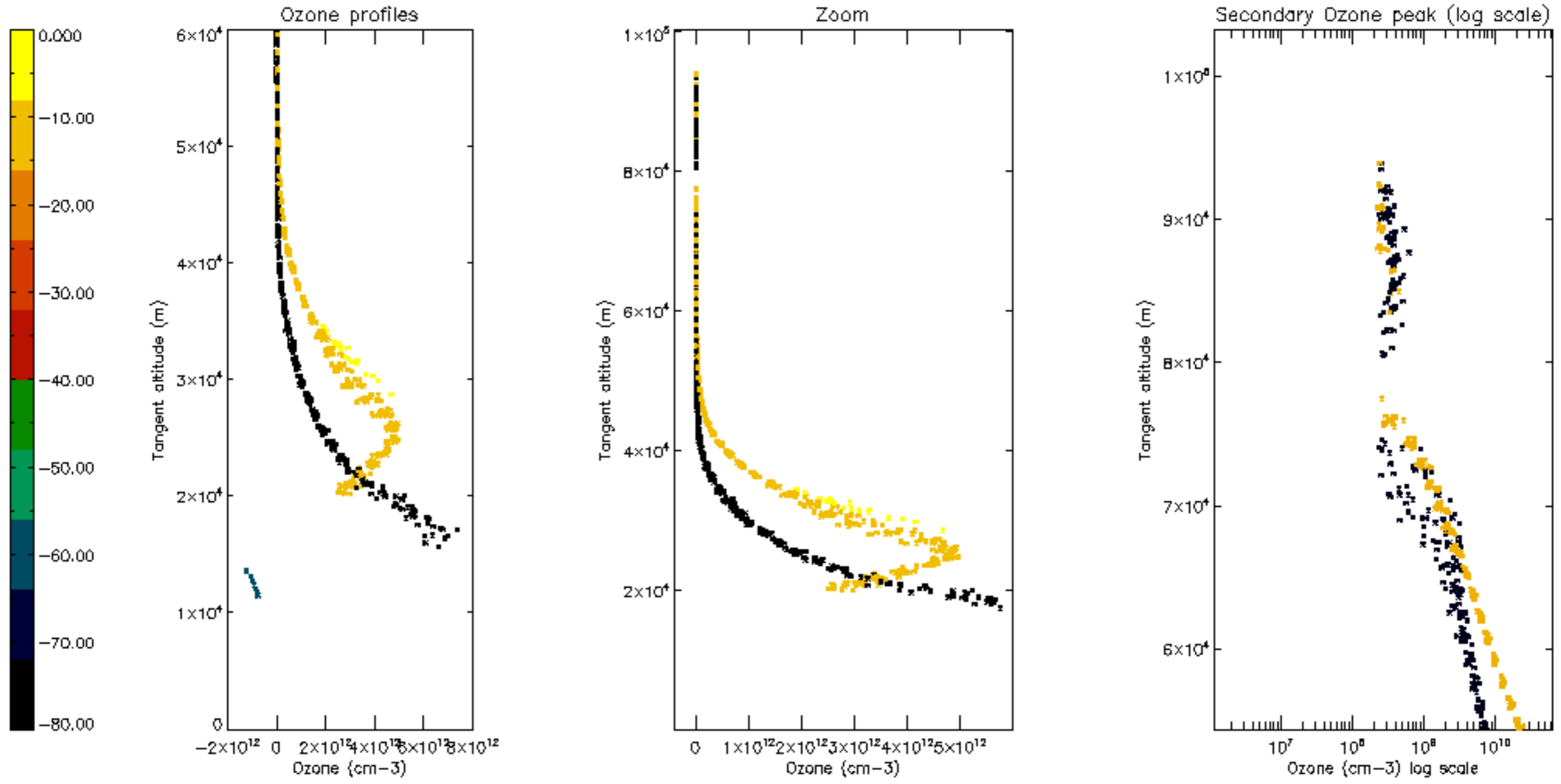
Percentage of saturation errors per profile

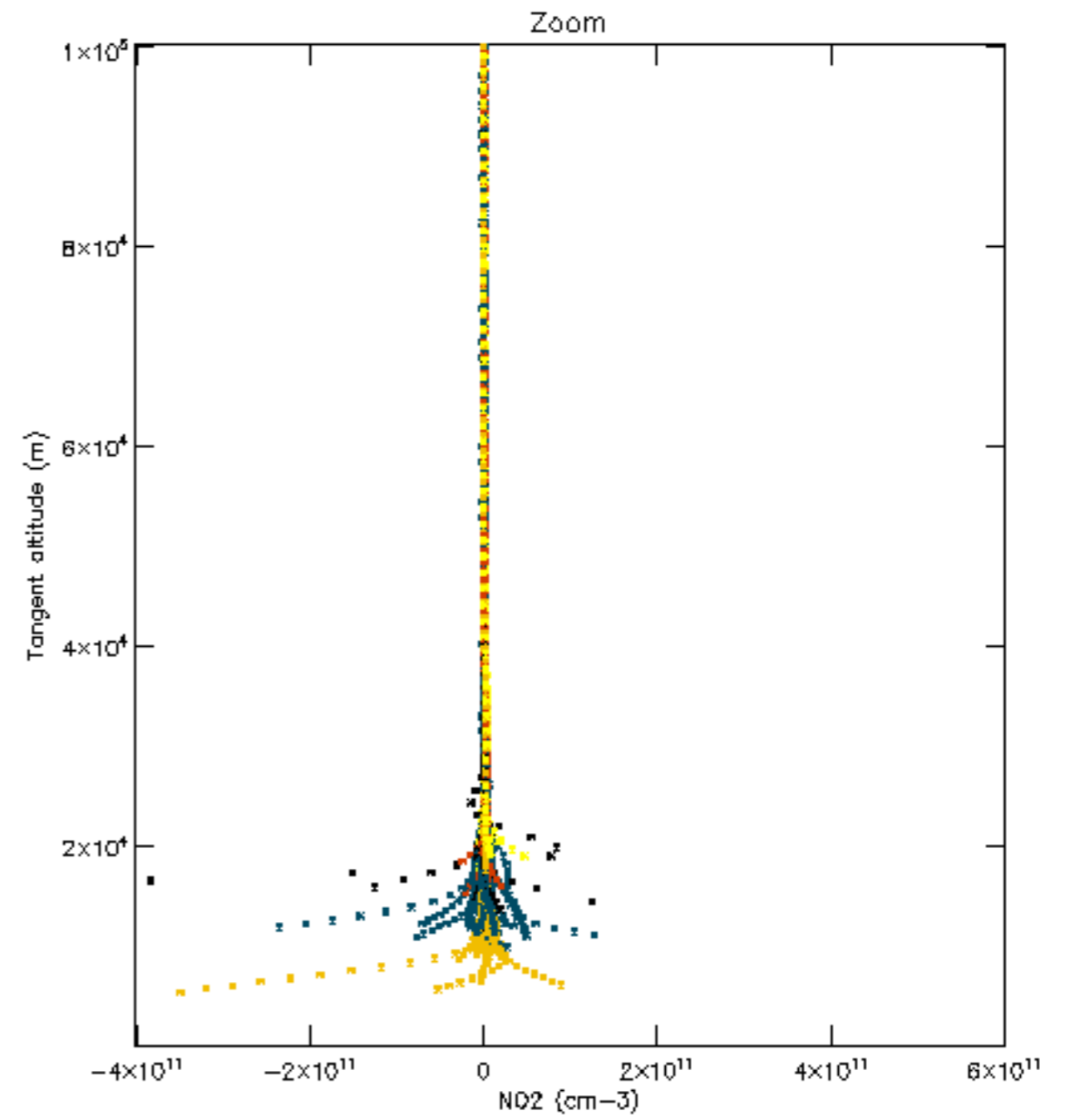
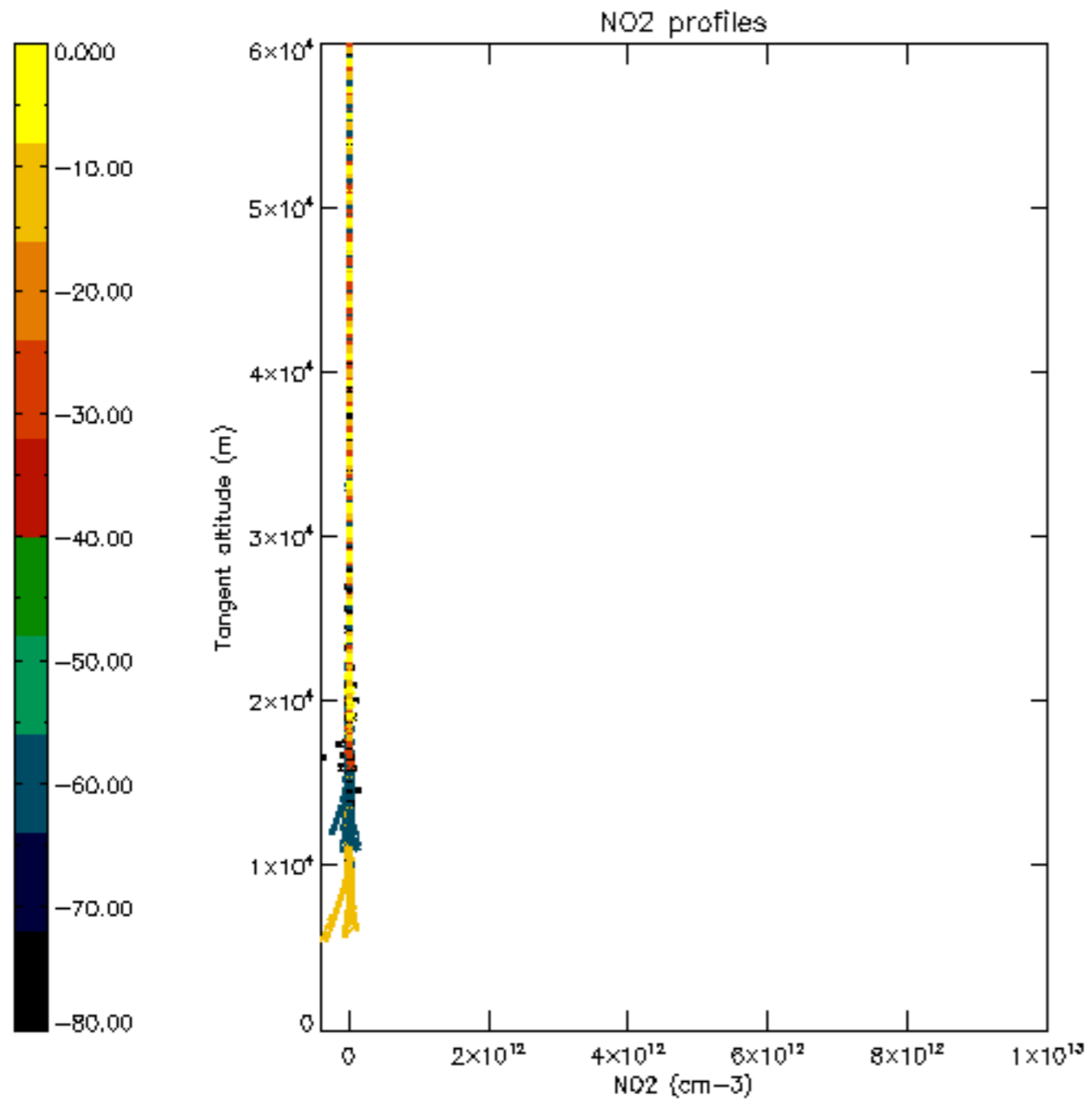


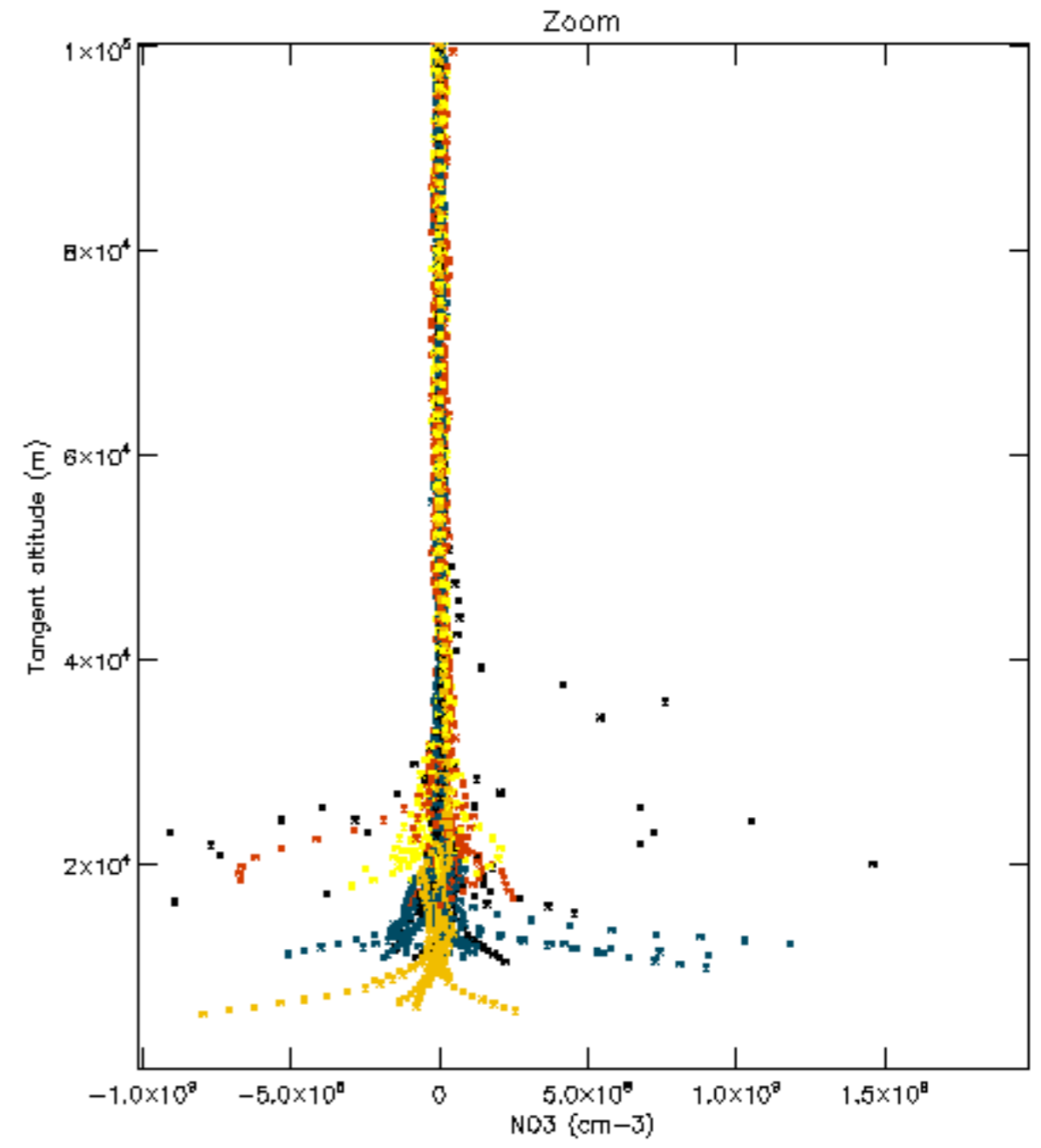
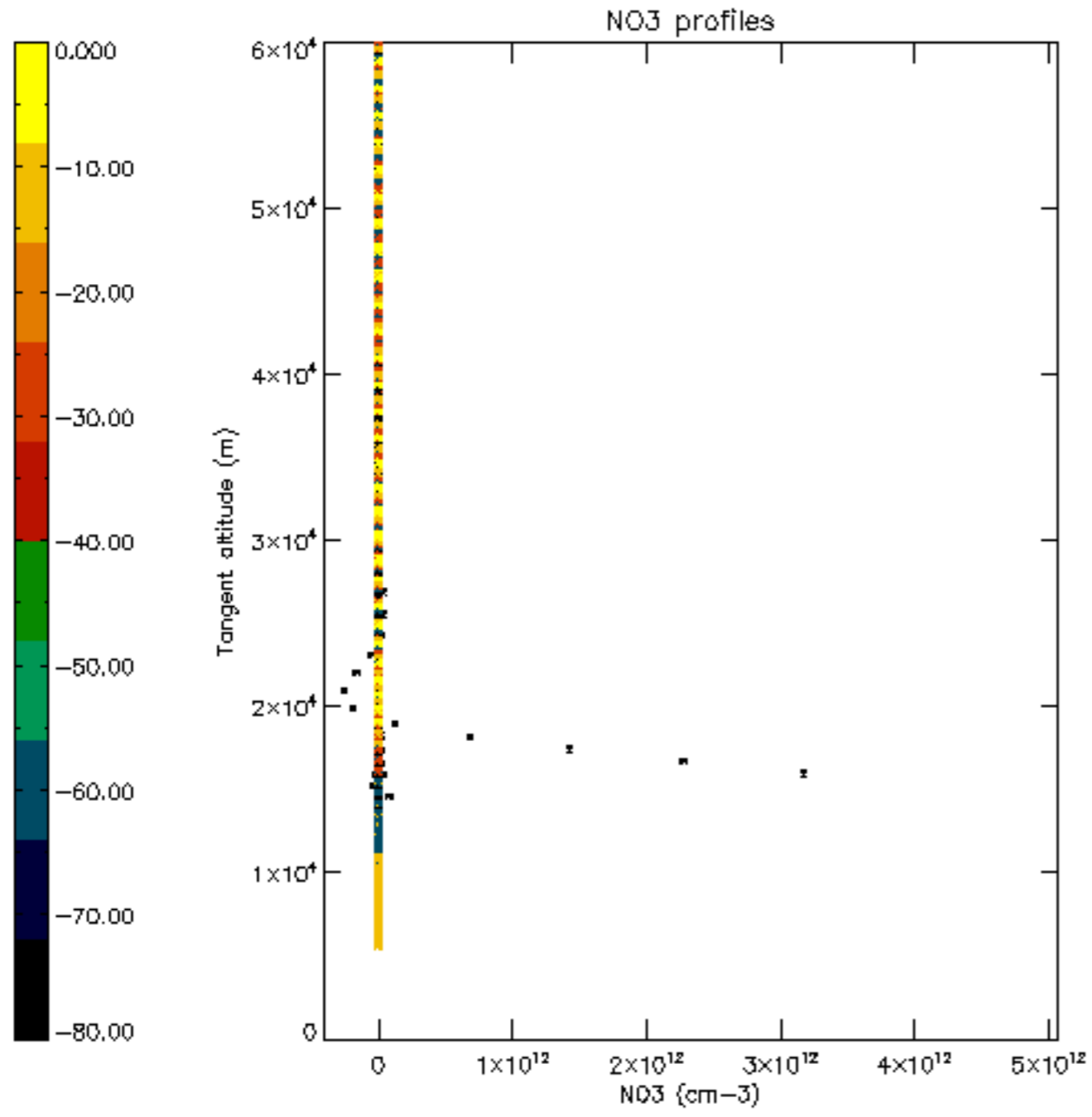


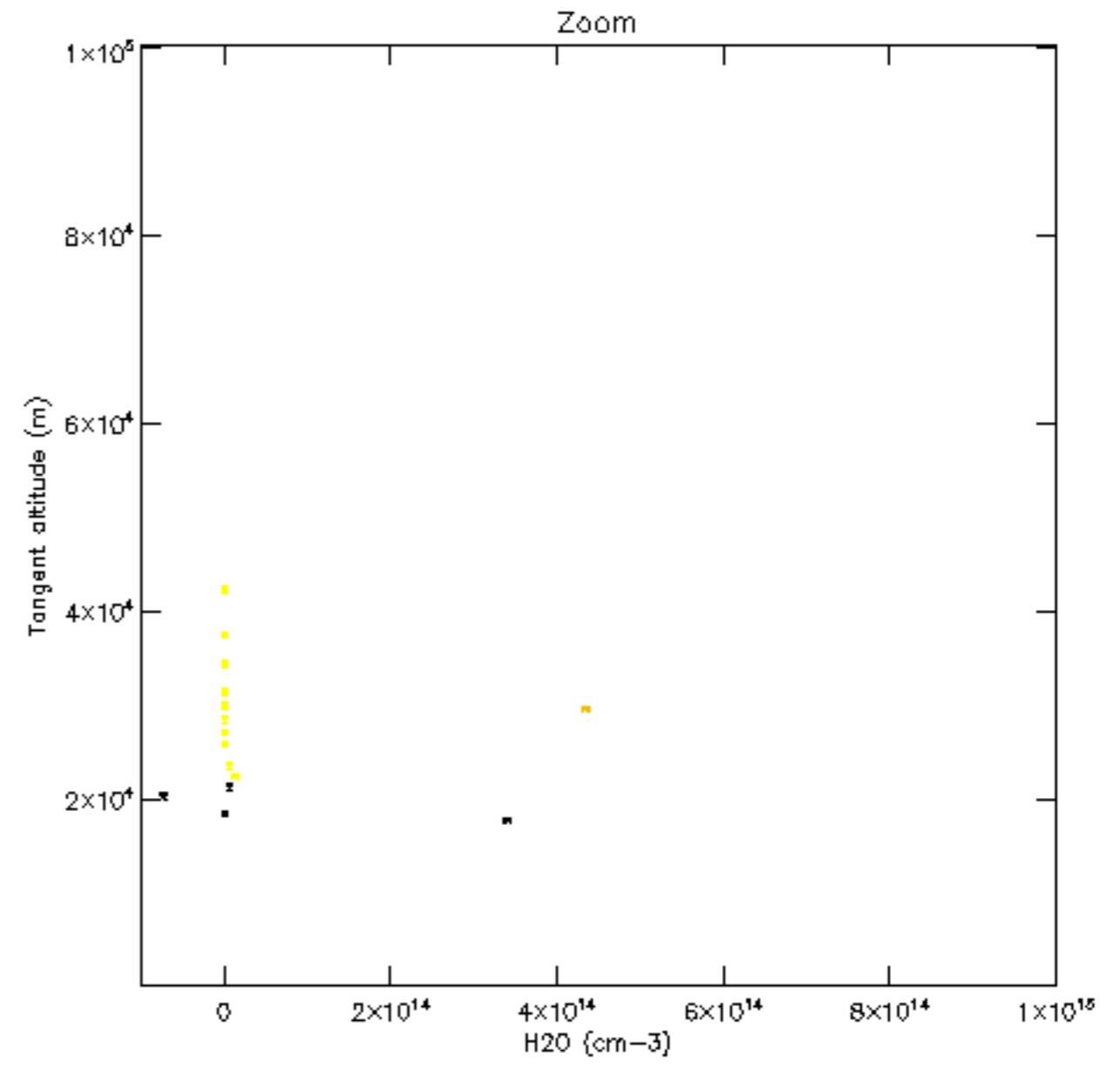
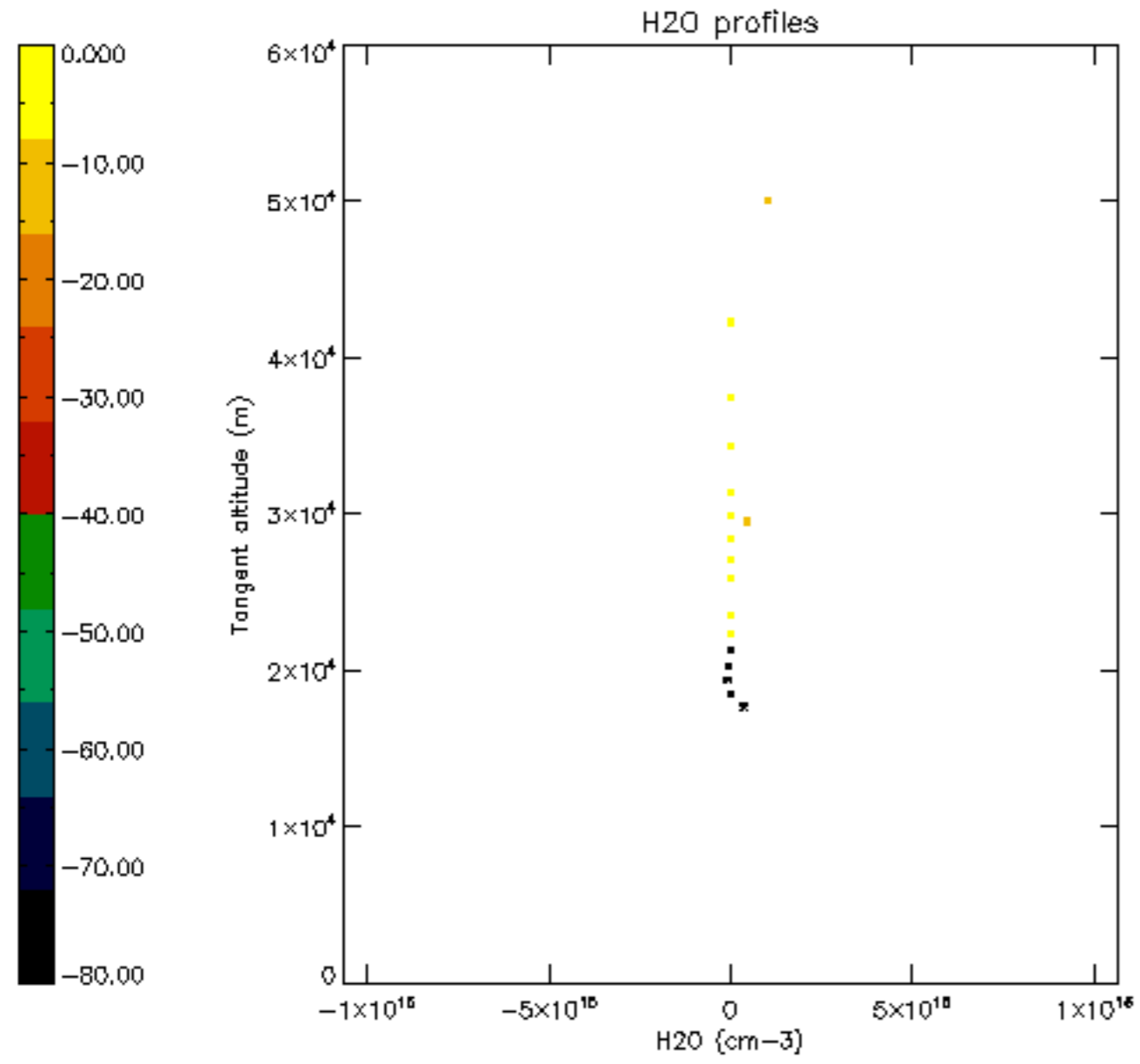


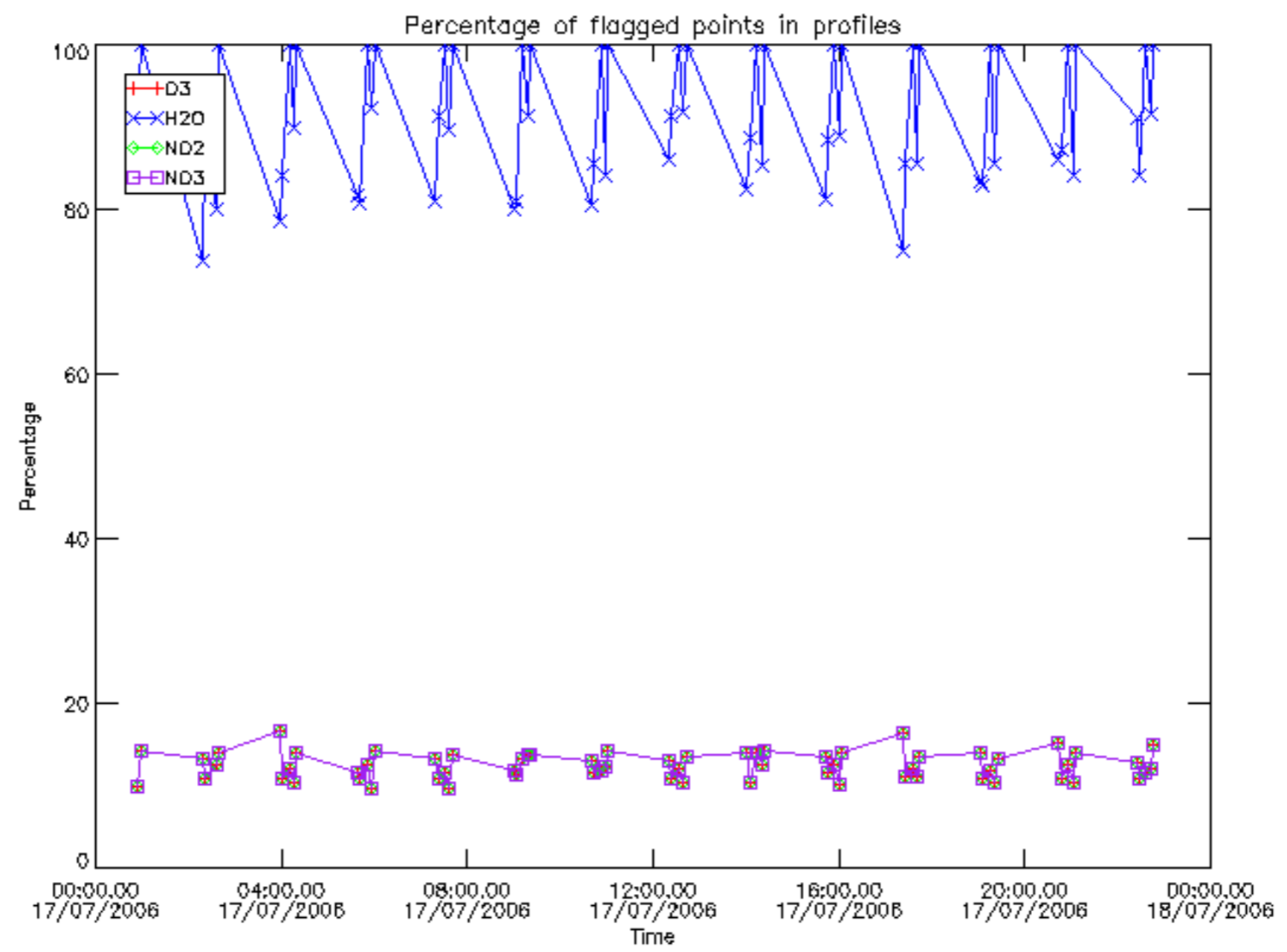




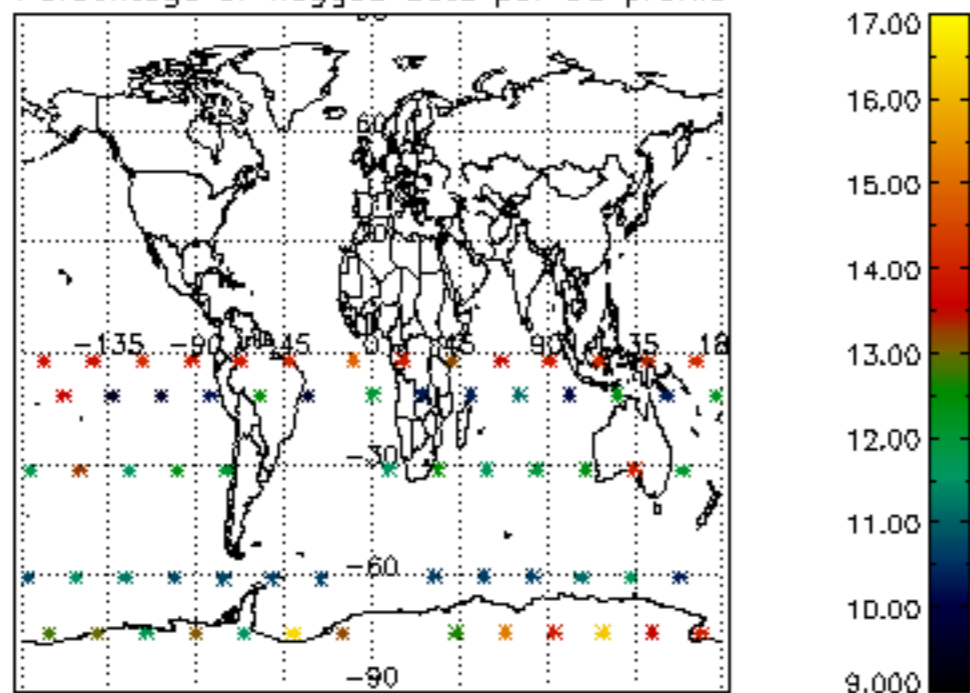




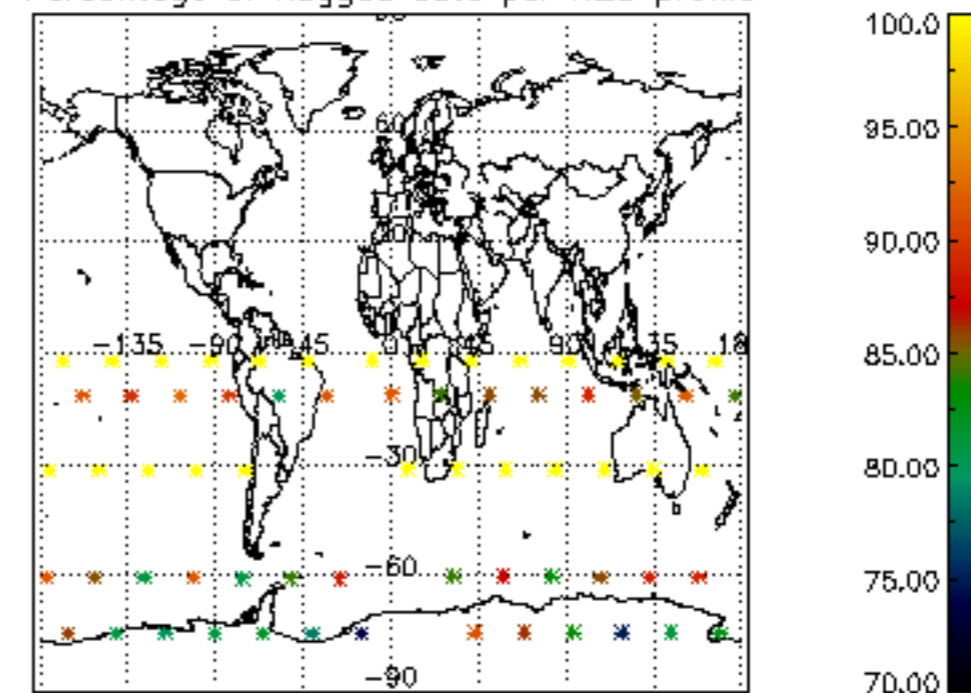




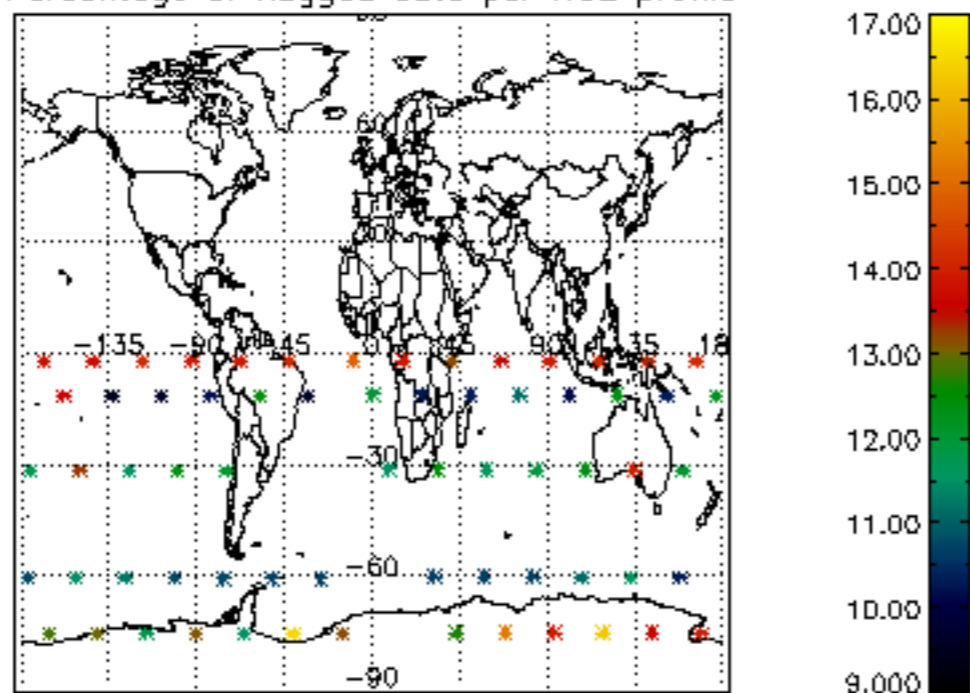
Percentage of flagged data per D3 profile



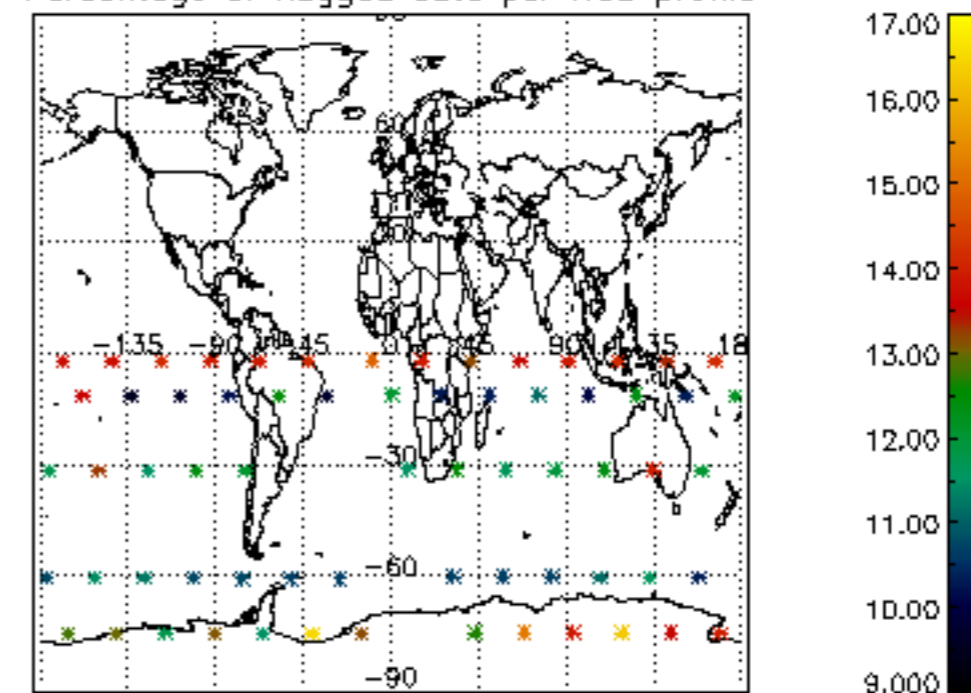
Percentage of flagged data per H2O profile

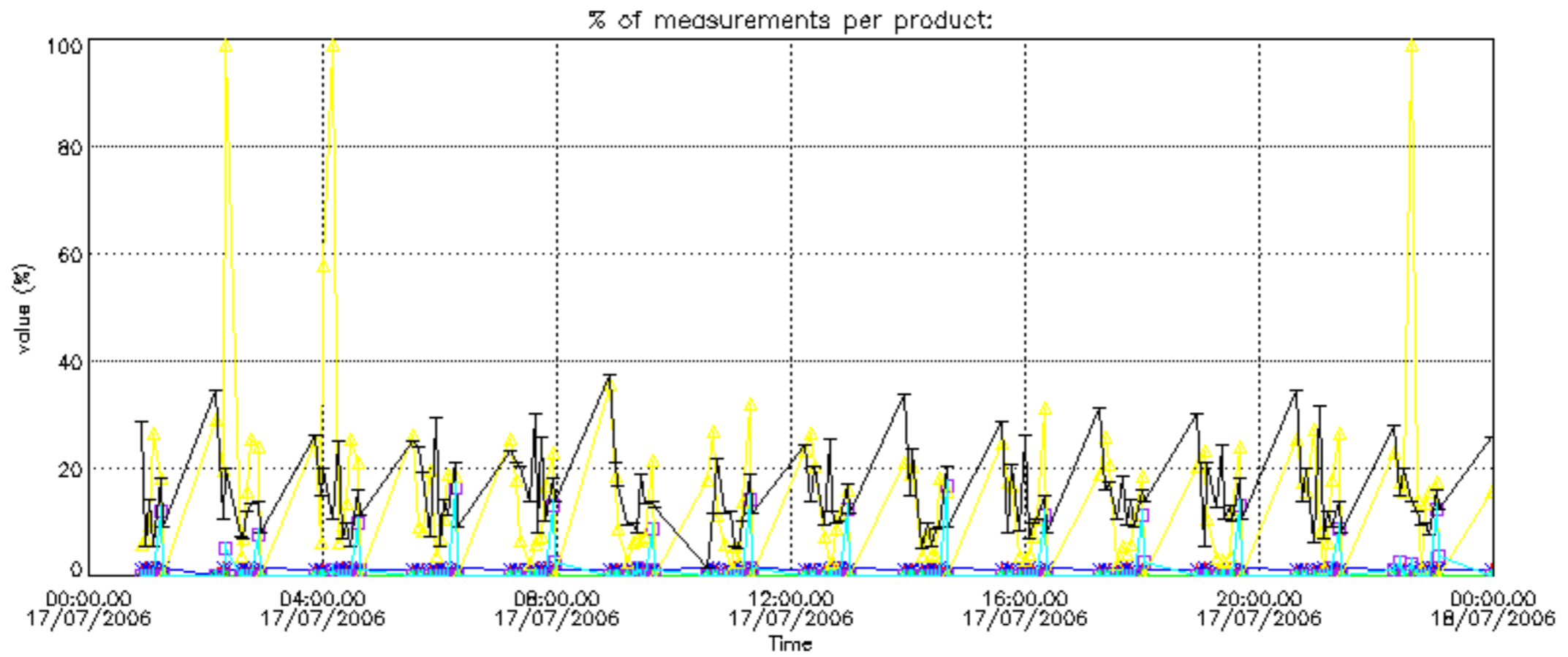


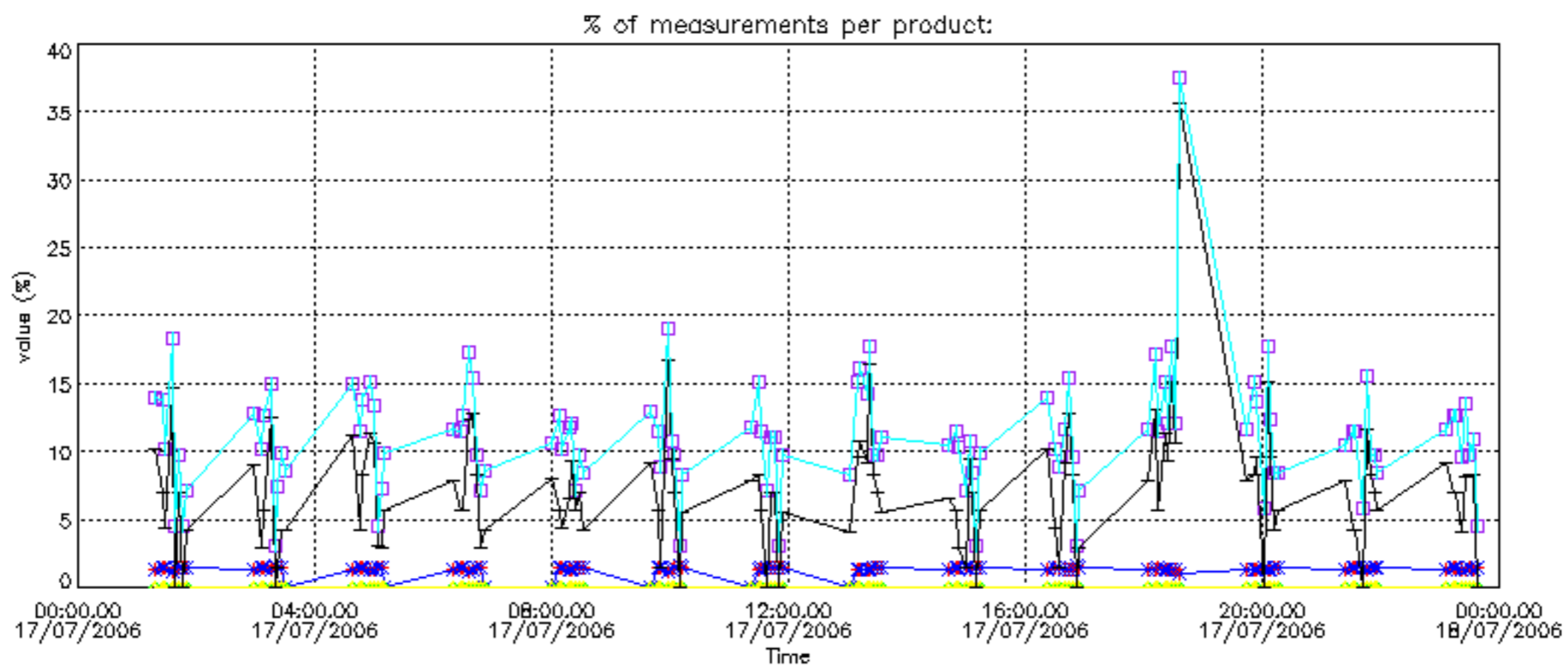
Percentage of flagged data per NO2 profile



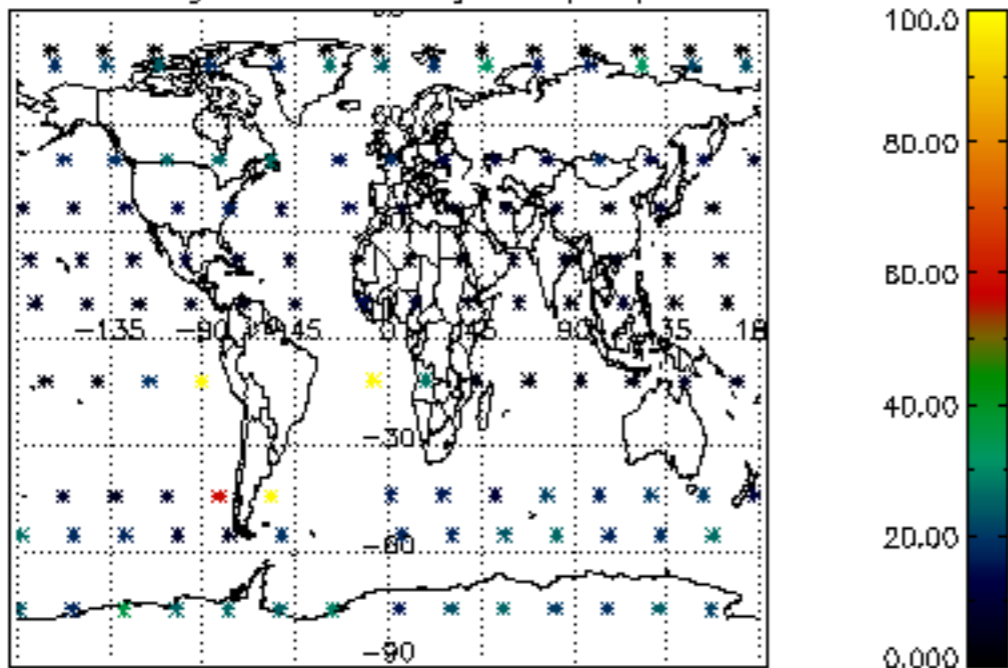
Percentage of flagged data per NO3 profile



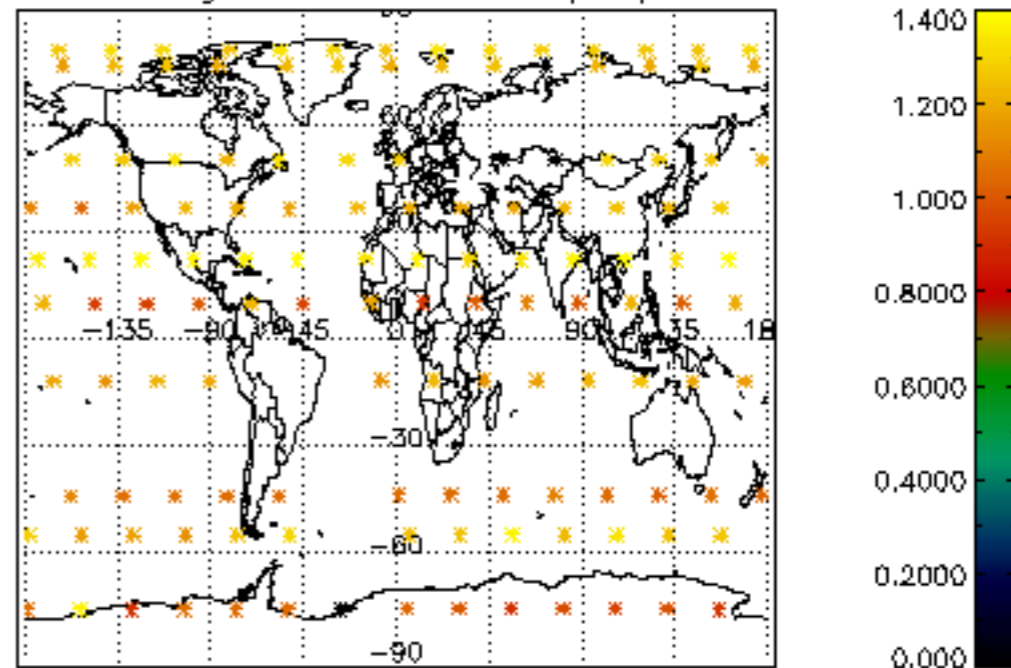




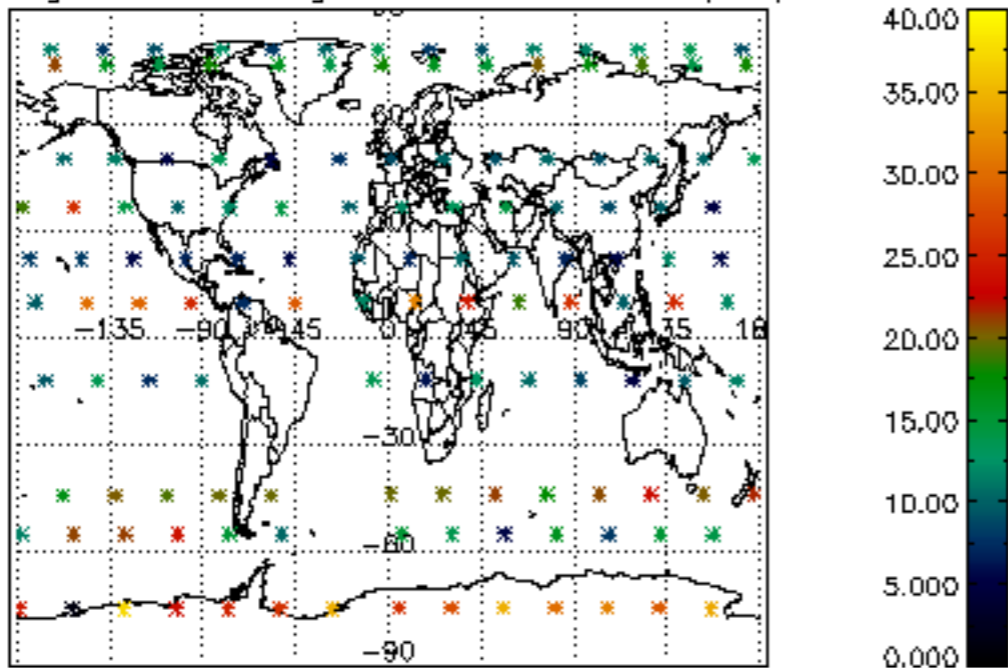
Percentage of cosmic ray hits per profile



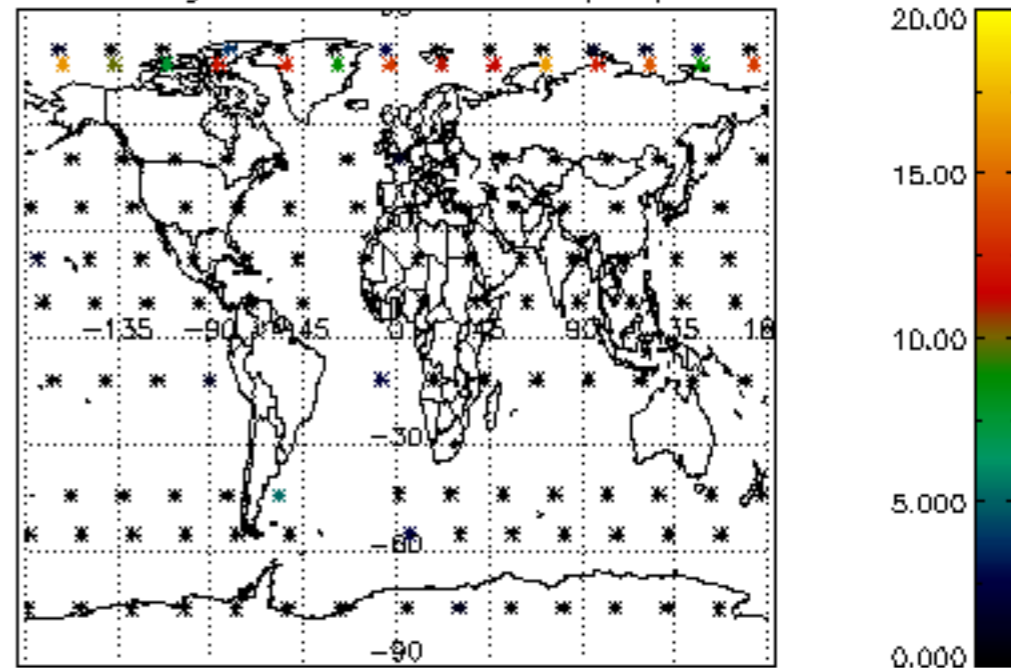
Percentage of datation errors per profile



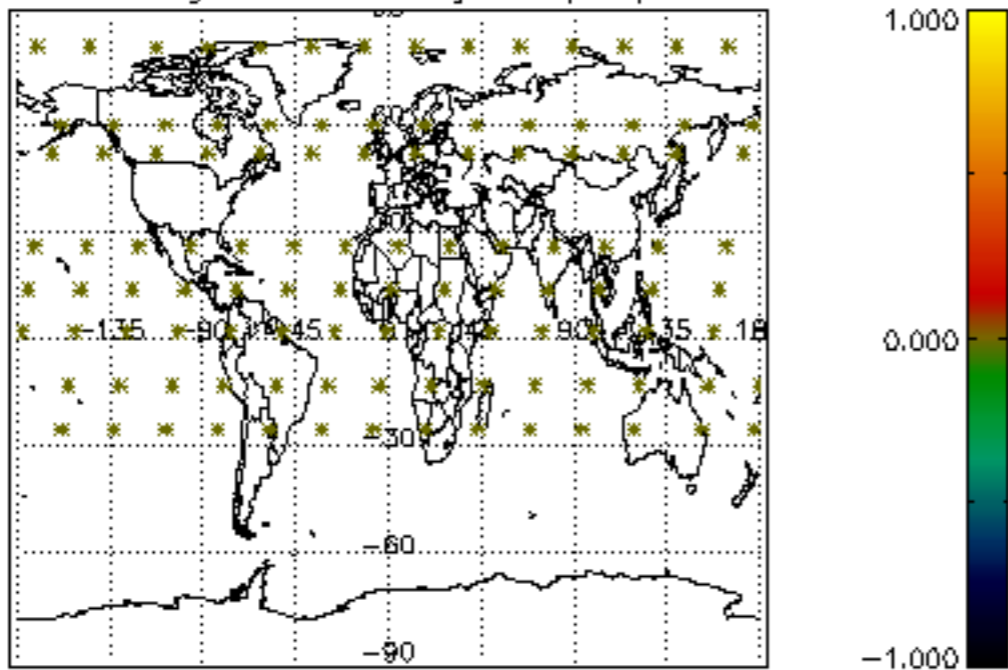
Percentage of star falling outside central band per profile



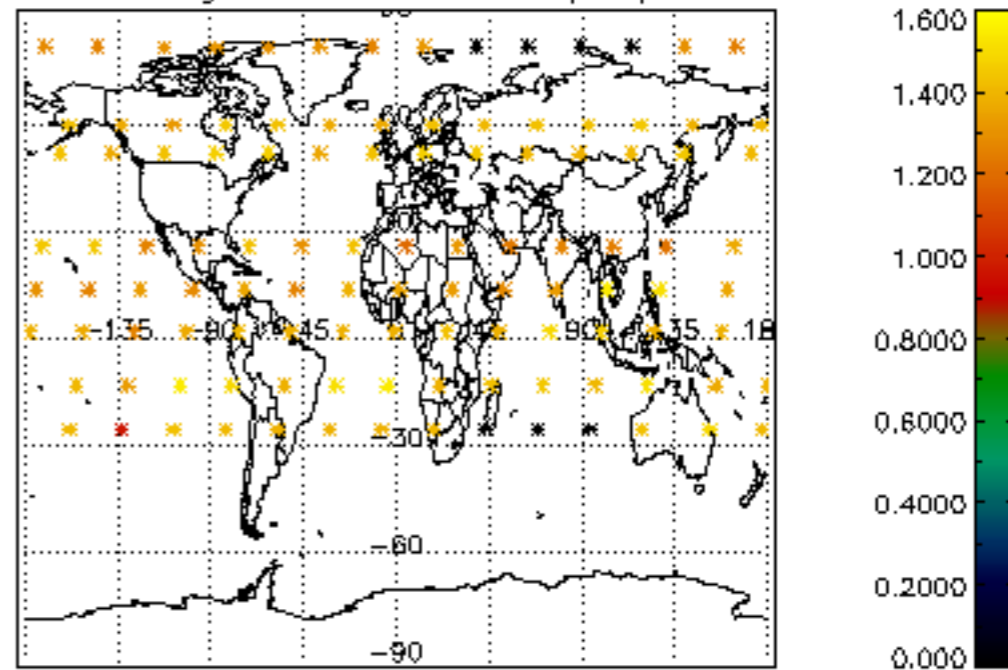
Percentage of saturation errors per profile



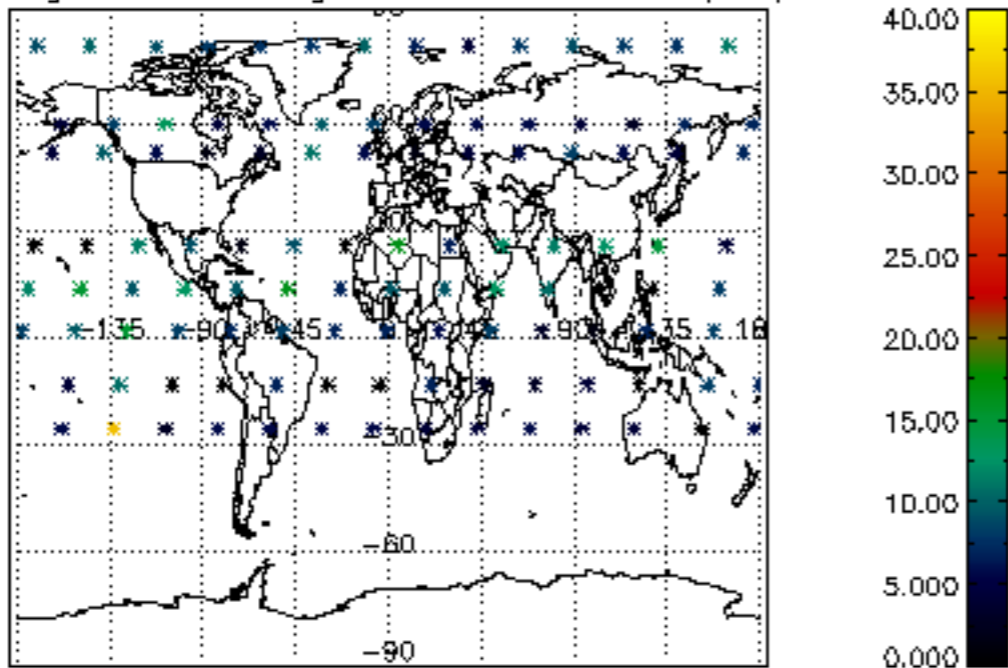
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

