

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 08:04:43
Data source version	GOMOS/6.01
Start time of products	07-08-2004 (07AUG2004 00:00:00)
Stop time of products	08-08-2004 (08AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	198
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__2PRFIN20040807_000002_00000522029_00159_12738_2446.N1	07-AUG-2004 00:00:02	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12738	No
2	GOM_NL__2PRFIN20040807_000149_00000532029_00159_12738_2447.N1	07-AUG-2004 00:01:49	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	12738	No
3	GOM_NL__2PRFIN20040807_000424_000002552029_00159_12738_2448.N1	07-AUG-2004 00:04:24	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12738	No
4	GOM_NL__2PRFIN20040807_000947_000000482029_00159_12738_2449.N1	07-AUG-2004 00:09:47	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	12738	No
5	GOM_NL__2PRFIN20040807_001155_000000462029_00159_12738_2450.N1	07-AUG-2004 00:11:55	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	12738	No
6	GOM_NL__2PRFIN20040807_001445_000000662029_00159_12738_2451.N1	07-AUG-2004 00:14:45	Dark	65.500	13	87Alp Tau	0.86700	3800.0	131	12738	No
7	GOM_NL__2PRFIN20040807_001640_000000492029_00159_12738_2452.N1	07-AUG-2004 00:16:40	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	12738	No
8	GOM_NL__2PRFIN20040807_001836_000000472029_00159_12738_2453.N1	07-AUG-2004 00:18:36	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	12738	No
9	GOM_NL__2PRFIN20040807_001958_000000422029_00159_12738_2454.N1	07-AUG-2004 00:19:58	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12738	No
10	GOM_NL__2PRFIN20040807_002131_000000482029_00159_12738_2455.N1	07-AUG-2004 00:21:31	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	12738	No
11	GOM_NL__2PRFIN20040807_002320_000000462029_00159_12738_2456.N1	07-AUG-2004 00:23:20	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	12738	No
12	GOM_NL__2PRFIN20040807_002449_000000372029_00159_12738_2457.N1	07-AUG-2004 00:24:49	Dark	37.000	23	21Eps CMa	1.5020	26000.	74	12738	No
13	GOM_NL__2PRFIN20040807_003135_000000442029_00159_12738_2458.N1	07-AUG-2004 00:31:35	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	12738	No
14	GOM_NL__2PRFIN20040807_003601_000000522029_00160_12739_2512.N1	07-AUG-2004 00:36:01	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12739	No
15	GOM_NL__2PRFIN20040807_004102_000000462029_00160_12739_2513.N1	07-AUG-2004 00:41:02	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12739	No
16	GOM_NL__2PRFIN20040807_004618_000000702029_00160_12739_2514.N1	07-AUG-2004 00:46:18	Straylight	69.500	84	Alp Phe	2.3970	4500.0	139	12739	No
17	GOM_NL__2PRFIN20040807_005025_000000462029_00160_12739_2515.N1	07-AUG-2004 00:50:25	Straylight	46.000	45	Alp Pav	1.9400	26000.	92	12739	No
18	GOM_NL__2PRFIN20040807_005443_000000672029_00160_12739_2516.N1	07-AUG-2004 00:54:43	Twilight	67.000	18	24Alp PsA	1.1660	9700.0	134	12739	No
19	GOM_NL__2PRFIN20040807_005841_000000442029_00160_12739_2517.N1	07-AUG-2004 00:58:41	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	12739	No
20	GOM_NL__2PRFIN20040807_010111_000000502029_00160_12739_2518.N1	07-AUG-2004 01:01:11	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	12739	No
21	GOM_NL__2PRFIN20040807_010501_000000502029_00160_12739_2519.N1	07-AUG-2004 01:05:01	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	12739	No
22	GOM_NL__2PRFIN20040807_010910_000000392029_00160_12739_2520.N1	07-AUG-2004 01:09:10	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12739	No
23	GOM_NL__2PRFIN20040807_011046_000000372029_00160_12739_2521.N1	07-AUG-2004 01:10:46	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12739	No
24	GOM_NL__2PRFIN20040807_011711_000000452029_00160_12739_2522.N1	07-AUG-2004 01:17:11	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	12739	No
25	GOM_NL__2PRFIN20040807_011834_000000432029_00160_12739_2523.N1	07-AUG-2004 01:18:34	Bright	42.500	66	37Gam Cyg	2.2080	5900.0	85	12739	No
26	GOM_NL__2PRFIN20040807_012020_000000462029_00160_12739_2524.N1	07-AUG-2004 01:20:20	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	12739	No
27	GOM_NL__2PRFIN20040807_012228_000000402029_00160_12739_2525.N1	07-AUG-2004 01:22:28	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	12739	No
28	GOM_NL__2PRFIN20040807_012549_000000412029_00160_12739_2526.N1	07-AUG-2004 01:25:49	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12739	No
29	GOM_NL__2PRFIN20040807_013005_000000362029_00160_12739_2527.N1	07-AUG-2004 01:30:05	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	12739	No
30	GOM_NL__2PRFIN20040807_013213_000000362029_00160_12739_2528.N1	07-AUG-2004 01:32:13	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	12739	No
31	GOM_NL__2PRFIN20040807_013347_000000492029_00160_12739_2529.N1	07-AUG-2004 01:33:47	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	12739	No
32	GOM_NL__2PRFIN20040807_014037_000000512029_00160_12739_2530.N1	07-AUG-2004 01:40:37	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	12739	No
33	GOM_NL__2PRFIN20040807_014224_000000532029_00160_12739_2531.N1	07-AUG-2004 01:42:24	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	12739	No
34	GOM_NL__2PRFIN20040807_014458_000002552029_00160_12739_2532.N1	07-AUG-2004 01:44:58	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12739	No
35	GOM_NL__2PRFIN20040807_015023_000000472029_00160_12739_2533.N1	07-AUG-2004 01:50:23	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	12739	No
36	GOM_NL__2PRFIN20040807_015231_000000472029_00160_12739_2534.N1	07-AUG-2004 01:52:31	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	12739	No
37	GOM_NL__2PRFIN20040807_015522_000000702029_00160_12739_2535.N1	07-AUG-2004 01:55:22	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	12739	No
38	GOM_NL__2PRFIN20040807_015717_000000472029_00160_12739_2536.N1	07-AUG-2004 01:57:17	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	12739	No
39	GOM_NL__2PRFIN20040807_015913_000000492029_00160_12739_2537.N1	07-AUG-2004 01:59:13	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	12739	No
40	GOM_NL__2PRFIN20040807_020034_000000432029_00160_12739_2538.N1	07-AUG-2004 02:00:34	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	12739	No
41	GOM_NL__2PRFIN20040807_020208_000000452029_00160_12739_2539.N1	07-AUG-2004 02:02:08	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	12739	No
42	GOM_NL__2PRFIN20040807_020356_000000412029_00160_12739_2540.N1	07-AUG-2004 02:03:56	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	12739	No

43	GOM_NL__2PRFIN20040807_020525_000000362029_00160_12739_2541.N1	07-AUG-2004 02:05:25	Dark	35.500	23	21Eps CMa	1.5020	26000.	71	12739	No
44	GOM_NL__2PRFIN20040807_021211_000000512029_00160_12739_2542.N1	07-AUG-2004 02:12:11	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12739	No
45	GOM_NL__2PRFIN20040807_154134_000000512029_00169_12748_2246.N1	07-AUG-2004 15:41:34	Dark	50.500	157	The1Eri	2.9060	9300.0	101	12748	No
46	GOM_NL__2PRFIN20040807_154632_000000492029_00169_12748_2247.N1	07-AUG-2004 15:46:32	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12748	No
47	GOM_NL__2PRFIN20040807_155150_000000612029_00169_12748_2248.N1	07-AUG-2004 15:51:50	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	12748	No
48	GOM_NL__2PRFIN20040807_155551_000000412029_00169_12748_2249.N1	07-AUG-2004 15:55:51	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	12748	No
49	GOM_NL__2PRFIN20040807_160011_000000622029_00169_12748_2250.N1	07-AUG-2004 16:00:11	Tw_i_and_stray	61.500	18	24Alp PsA	1.1660	9700.0	123	12748	No
50	GOM_NL__2PRFIN20040807_160407_000000392029_00169_12748_2251.N1	07-AUG-2004 16:04:07	Bright	39.000	103	38Zet Sgr	2.6000	9700.0	78	12748	No
51	GOM_NL__2PRFIN20040807_160636_000000492029_00169_12748_2252.N1	07-AUG-2004 16:06:36	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	12748	No
52	GOM_NL__2PRFIN20040807_161024_000000502029_00169_12748_2253.N1	07-AUG-2004 16:10:24	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	12748	No
53	GOM_NL__2PRFIN20040807_161433_000000402029_00169_12748_2254.N1	07-AUG-2004 16:14:33	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	12748	No
54	GOM_NL__2PRFIN20040807_161610_000000392029_00169_12748_2255.N1	07-AUG-2004 16:16:10	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12748	No
55	GOM_NL__2PRFIN20040807_162232_000000412029_00169_12748_2256.N1	07-AUG-2004 16:22:32	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12748	No
56	GOM_NL__2PRFIN20040807_162355_000000422029_00169_12748_2257.N1	07-AUG-2004 16:23:55	Bright	42.000	66	37Gam Cyg	2.2080	5900.0	84	12748	No
57	GOM_NL__2PRFIN20040807_162542_000000432029_00169_12748_2258.N1	07-AUG-2004 16:25:42	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	12748	No
58	GOM_NL__2PRFIN20040807_162714_000000412029_00169_12748_2259.N1	07-AUG-2004 16:27:14	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12748	No
59	GOM_NL__2PRFIN20040807_163109_000000402029_00169_12748_2260.N1	07-AUG-2004 16:31:09	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	12748	No
60	GOM_NL__2PRFIN20040807_163531_000000402029_00169_12748_2261.N1	07-AUG-2004 16:35:31	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	12748	No
61	GOM_NL__2PRFIN20040807_163736_000000402029_00169_12748_2262.N1	07-AUG-2004 16:37:36	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	12748	No
62	GOM_NL__2PRFIN20040807_163903_000000512029_00169_12748_2263.N1	07-AUG-2004 16:39:03	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	12748	No
63	GOM_NL__2PRFIN20040807_164556_000000532029_00169_12748_2264.N1	07-AUG-2004 16:45:56	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12748	No
64	GOM_NL__2PRFIN20040807_164745_000000542029_00169_12748_2265.N1	07-AUG-2004 16:47:45	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	12748	No
65	GOM_NL__2PRFIN20040807_165004_000002552029_00169_12748_2266.N1	07-AUG-2004 16:50:04	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12748	No
66	GOM_NL__2PRFIN20040807_165549_000000492029_00169_12748_2267.N1	07-AUG-2004 16:55:49	Tw_i_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	12748	No
67	GOM_NL__2PRFIN20040807_165758_000000462029_00169_12748_2268.N1	07-AUG-2004 16:57:58	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	12748	No
68	GOM_NL__2PRFIN20040807_170050_000000682029_00169_12748_2269.N1	07-AUG-2004 17:00:50	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	12748	No
69	GOM_NL__2PRFIN20040807_170245_000000502029_00169_12748_2270.N1	07-AUG-2004 17:02:45	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	12748	No
70	GOM_NL__2PRFIN20040807_170440_000000452029_00169_12748_2271.N1	07-AUG-2004 17:04:40	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	12748	No
71	GOM_NL__2PRFIN20040807_170602_000000442029_00169_12748_2272.N1	07-AUG-2004 17:06:02	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	12748	No
72	GOM_NL__2PRFIN20040807_170735_000000442029_00169_12748_2273.N1	07-AUG-2004 17:07:35	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	12748	No
73	GOM_NL__2PRFIN20040807_171002_000000432029_00169_12748_2274.N1	07-AUG-2004 17:10:02	Dark	42.500	37	25Del CMa	1.8300	5900.0	85	12748	No
74	GOM_NL__2PRFIN20040807_171329_000000432029_00169_12748_2275.N1	07-AUG-2004 17:13:29	Dark	42.500	108	Alp Col	2.6520	15200.	85	12748	No
75	GOM_NL__2PRFIN20040807_171737_000000472029_00169_12748_2276.N1	07-AUG-2004 17:17:37	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	12748	No
76	GOM_NL__2PRFIN20040807_172211_000000512029_00170_12749_2246.N1	07-AUG-2004 17:22:11	Dark	50.500	157	The1Eri	2.9060	9300.0	101	12749	No
77	GOM_NL__2PRFIN20040807_172709_000000492029_00170_12749_2247.N1	07-AUG-2004 17:27:09	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12749	No
78	GOM_NL__2PRFIN20040807_173227_000000572029_00170_12749_2248.N1	07-AUG-2004 17:32:27	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	12749	No
79	GOM_NL__2PRFIN20040807_173627_000000422029_00170_12749_2249.N1	07-AUG-2004 17:36:27	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	12749	No
80	GOM_NL__2PRFIN20040807_174048_000000662029_00170_12749_2250.N1	07-AUG-2004 17:40:48	Tw_i_and_stray	66.000	18	24Alp PsA	1.1660	9700.0	132	12749	No
81	GOM_NL__2PRFIN20040807_174443_000000442029_00170_12749_2251.N1	07-AUG-2004 17:44:43	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	12749	No
82	GOM_NL__2PRFIN20040807_174712_000000502029_00170_12749_2252.N1	07-AUG-2004 17:47:12	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	12749	No
83	GOM_NL__2PRFIN20040807_175100_000000502029_00170_12749_2253.N1	07-AUG-2004 17:51:00	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	12749	No
84	GOM_NL__2PRFIN20040807_175509_000000402029_00170_12749_2254.N1	07-AUG-2004 17:55:09	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12749	No
85	GOM_NL__2PRFIN20040807_175647_000000372029_00170_12749_2255.N1	07-AUG-2004 17:56:47	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12749	No
86	GOM_NL__2PRFIN20040807_180307_000000442029_00170_12749_2256.N1	07-AUG-2004 18:03:07	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	12749	No
87	GOM_NL__2PRFIN20040807_180431_000000422029_00170_12749_2257.N1	07-AUG-2004 18:04:31	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12749	No
88	GOM_NL__2PRFIN20040807_180618_000000442029_00170_12749_2258.N1	07-AUG-2004 18:06:18	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	12749	No
89	GOM_NL__2PRFIN20040807_180748_000000422029_00170_12749_2259.N1	07-AUG-2004 18:07:48	Bright	42.000	69	33Gam Dra	2.2310	3800.0	84	12749	No
90	GOM_NL__2PRFIN20040807_181145_000000412029_00170_12749_2260.N1	07-AUG-2004 18:11:45	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	12749	No
91	GOM_NL__2PRFIN20040807_181607_000000372029_00170_12749_2261.N1	07-AUG-2004 18:16:07	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	12749	No
92	GOM_NL__2PRFIN20040807_181812_000000392029_00170_12749_2262.N1	07-AUG-2004 18:18:12	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12749	No
93	GOM_NL__2PRFIN20040807_181939_000000492029_00170_12749_2263.N1	07-AUG-2004 18:19:39	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	12749	No
94	GOM_NL__2PRFIN20040807_182631_000000532029_00170_12749_2264.N1	07-AUG-2004 18:26:31	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12749	No
95	GOM_NL__2PRFIN20040807_182820_000000552029_00170_12749_2265.N1	07-AUG-2004 18:28:20	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	12749	No
96	GOM_NL__2PRFIN20040807_183038_000002552029_00170_12749_2266.N1	07-AUG-2004 18:30:38	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12749	No
97	GOM_NL__2PRFIN20040807_183624_000000512029_00170_12749_2267.N1	07-AUG-2004 18:36:24	Tw_i_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	12749	No
98	GOM_NL__2PRFIN20040807_183833_000000472029_00170_12749_2268.N1	07-AUG-2004 18:38:33	Tw_i_and_stray	47.000	176	23Zet Tau	3.0200	22000.	94	12749	No
99	GOM_NL__2PRFIN20040807_184127_000000712029_00170_12749_2269.N1	07-AUG-2004 18:41:27	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	12749	No
100	GOM_NL__2PRFIN20040807_184321_000000472029_00170_12749_2270.N1	07-AUG-2004 18:43:21	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	12749	No
101	GOM_NL__2PRFIN20040807_184516_000000482029_00170_12749_2271.N1	07-AUG-2004 18:45:16	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	12749	No

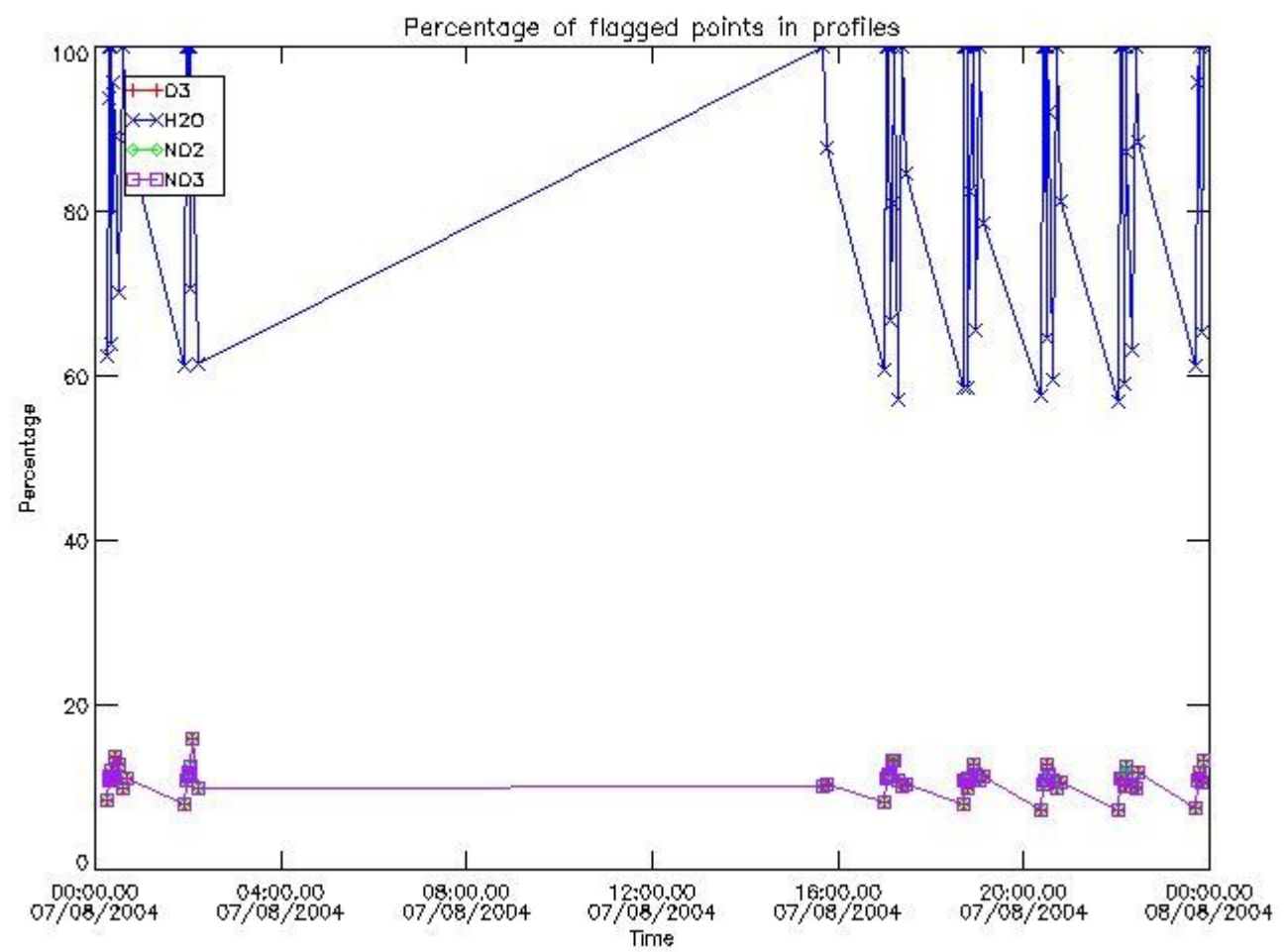
102	GOM_NL__2PRFIN20040807_184638_000000462029_00170_12749_2272.N1	07-AUG-2004 18:46:38	Dark	45.500	125	44lot Ori	2.7700	30000.	91	12749	No
103	GOM_NL__2PRFIN20040807_184811_000000512029_00170_12749_2273.N1	07-AUG-2004 18:48:11	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12749	No
104	GOM_NL__2PRFIN20040807_185038_000000462029_00170_12749_2274.N1	07-AUG-2004 18:50:38	Dark	46.000	37	25Del CMa	1.8300	5900.0	92	12749	No
105	GOM_NL__2PRFIN20040807_185406_000000402029_00170_12749_2275.N1	07-AUG-2004 18:54:06	Dark	40.000	108	Alp Col	2.6520	15200.	80	12749	No
106	GOM_NL__2PRFIN20040807_185813_000000442029_00170_12749_2276.N1	07-AUG-2004 18:58:13	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	12749	No
107	GOM_NL__2PRFIN20040807_190248_000000522029_00171_12750_2246.N1	07-AUG-2004 19:02:48	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12750	No
108	GOM_NL__2PRFIN20040807_190745_000000452029_00171_12750_2247.N1	07-AUG-2004 19:07:45	Dark	45.000	9	Alp Eri	0.45300	24000.	90	12750	No
109	GOM_NL__2PRFIN20040807_191304_000000602029_00171_12750_2248.N1	07-AUG-2004 19:13:04	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	12750	No
110	GOM_NL__2PRFIN20040807_191703_000000402029_00171_12750_2249.N1	07-AUG-2004 19:17:03	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	12750	No
111	GOM_NL__2PRFIN20040807_192125_000000672029_00171_12750_2250.N1	07-AUG-2004 19:21:25	Twi_and_stray	67.000	18	24Alp PsA	1.1660	9700.0	134	12750	No
112	GOM_NL__2PRFIN20040807_192519_000000442029_00171_12750_2251.N1	07-AUG-2004 19:25:19	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	12750	No
113	GOM_NL__2PRFIN20040807_192748_000000502029_00171_12750_2252.N1	07-AUG-2004 19:27:48	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	12750	No
114	GOM_NL__2PRFIN20040807_193136_000000482029_00171_12750_2253.N1	07-AUG-2004 19:31:36	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	12750	No
115	GOM_NL__2PRFIN20040807_193546_000000392029_00171_12750_2254.N1	07-AUG-2004 19:35:46	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12750	No
116	GOM_NL__2PRFIN20040807_193723_000000392029_00171_12750_2255.N1	07-AUG-2004 19:37:23	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12750	No
117	GOM_NL__2PRFIN20040807_194343_000000452029_00171_12750_2256.N1	07-AUG-2004 19:43:43	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	12750	No
118	GOM_NL__2PRFIN20040807_194507_000000422029_00171_12750_2257.N1	07-AUG-2004 19:45:07	Bright	42.000	66	37Gam Cyg	2.2080	5900.0	84	12750	No
119	GOM_NL__2PRFIN20040807_194654_000000452029_00171_12750_2258.N1	07-AUG-2004 19:46:54	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	12750	No
120	GOM_NL__2PRFIN20040807_194826_000000422029_00171_12750_2259.N1	07-AUG-2004 19:48:26	Bright	42.000	69	33Gam Dra	2.2310	3800.0	84	12750	No
121	GOM_NL__2PRFIN20040807_195221_000000412029_00171_12750_2260.N1	07-AUG-2004 19:52:21	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12750	No
122	GOM_NL__2PRFIN20040807_195643_000000402029_00171_12750_2261.N1	07-AUG-2004 19:56:43	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	12750	No
123	GOM_NL__2PRFIN20040807_195848_000000382029_00171_12750_2262.N1	07-AUG-2004 19:58:48	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12750	No
124	GOM_NL__2PRFIN20040807_200134_000000492029_00171_12750_2263.N1	07-AUG-2004 20:01:34	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	12750	No
125	GOM_NL__2PRFIN20040807_200706_000000522029_00171_12750_2264.N1	07-AUG-2004 20:07:06	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12750	No
126	GOM_NL__2PRFIN20040807_200855_000000542029_00171_12750_2265.N1	07-AUG-2004 20:08:55	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	12750	No
127	GOM_NL__2PRFIN20040807_201112_000002552029_00171_12750_2266.N1	07-AUG-2004 20:11:12	Twi_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12750	No
128	GOM_NL__2PRFIN20040807_201700_000000482029_00171_12750_2267.N1	07-AUG-2004 20:17:00	Twi_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	12750	No
129	GOM_NL__2PRFIN20040807_201911_000000452029_00171_12750_2268.N1	07-AUG-2004 20:19:11	Twi_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	12750	No
130	GOM_NL__2PRFIN20040807_202204_000000712029_00171_12750_2269.N1	07-AUG-2004 20:22:04	Dark	71.000	13	87Alp Tau	0.86700	3800.0	142	12750	No
131	GOM_NL__2PRFIN20040807_202357_000000492029_00171_12750_2270.N1	07-AUG-2004 20:23:57	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	12750	No
132	GOM_NL__2PRFIN20040807_202553_000000502029_00171_12750_2271.N1	07-AUG-2004 20:25:53	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12750	No
133	GOM_NL__2PRFIN20040807_202712_000000472029_00171_12750_2272.N1	07-AUG-2004 20:27:12	Dark	46.500	125	44lot Ori	2.7700	30000.	93	12750	No
134	GOM_NL__2PRFIN20040807_202847_000000472029_00171_12750_2273.N1	07-AUG-2004 20:28:47	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	12750	No
135	GOM_NL__2PRFIN20040807_203033_000000402029_00171_12750_2274.N1	07-AUG-2004 20:30:33	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	12750	No
136	GOM_NL__2PRFIN20040807_203202_000000442029_00171_12750_2275.N1	07-AUG-2004 20:32:02	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	12750	No
137	GOM_NL__2PRFIN20040807_203849_000000482029_00171_12750_2276.N1	07-AUG-2004 20:38:49	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	12750	No
138	GOM_NL__2PRFIN20040807_204325_000000522029_00172_12751_2529.N1	07-AUG-2004 20:43:25	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12751	No
139	GOM_NL__2PRFIN20040807_204822_000000492029_00172_12751_2530.N1	07-AUG-2004 20:48:22	Dark	48.500	9	Alp Eri	0.45300	24000.	97	12751	No
140	GOM_NL__2PRFIN20040807_205340_000000552029_00172_12751_2531.N1	07-AUG-2004 20:53:40	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	12751	No
141	GOM_NL__2PRFIN20040807_205739_000000412029_00172_12751_2532.N1	07-AUG-2004 20:57:39	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	12751	No
142	GOM_NL__2PRFIN20040807_210200_000000712029_00172_12751_2533.N1	07-AUG-2004 21:02:00	Twi_and_stray	71.000	18	24Alp PsA	1.1660	9700.0	142	12751	No
143	GOM_NL__2PRFIN20040807_210555_000000522029_00172_12751_2534.N1	07-AUG-2004 21:05:55	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	12751	No
144	GOM_NL__2PRFIN20040807_210824_000000482029_00172_12751_2535.N1	07-AUG-2004 21:08:24	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	12751	No
145	GOM_NL__2PRFIN20040807_211211_000000492029_00172_12751_2536.N1	07-AUG-2004 21:12:11	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	12751	No
146	GOM_NL__2PRFIN20040807_211621_000000392029_00172_12751_2537.N1	07-AUG-2004 21:16:21	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12751	No
147	GOM_NL__2PRFIN20040807_211759_000000382029_00172_12751_2538.N1	07-AUG-2004 21:17:59	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12751	No
148	GOM_NL__2PRFIN20040807_212419_000000402029_00172_12751_2539.N1	07-AUG-2004 21:24:19	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	12751	No
149	GOM_NL__2PRFIN20040807_212542_000000402029_00172_12751_2540.N1	07-AUG-2004 21:25:42	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	12751	No
150	GOM_NL__2PRFIN20040807_212729_000000442029_00172_12751_2541.N1	07-AUG-2004 21:27:29	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	12751	No
151	GOM_NL__2PRFIN20040807_212902_000000392029_00172_12751_2542.N1	07-AUG-2004 21:29:02	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	12751	No
152	GOM_NL__2PRFIN20040807_213256_000000412029_00172_12751_2543.N1	07-AUG-2004 21:32:56	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12751	No
153	GOM_NL__2PRFIN20040807_213719_000000362029_00172_12751_2544.N1	07-AUG-2004 21:37:19	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	12751	No
154	GOM_NL__2PRFIN20040807_213924_000000382029_00172_12751_2545.N1	07-AUG-2004 21:39:24	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12751	No
155	GOM_NL__2PRFIN20040807_214209_000000502029_00172_12751_2546.N1	07-AUG-2004 21:42:09	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12751	No
156	GOM_NL__2PRFIN20040807_214742_000000522029_00172_12751_2547.N1	07-AUG-2004 21:47:42	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12751	No
157	GOM_NL__2PRFIN20040807_214931_000000542029_00172_12751_2548.N1	07-AUG-2004 21:49:31	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	12751	No
158	GOM_NL__2PRFIN20040807_215146_000002552029_00172_12751_2549.N1	07-AUG-2004 21:51:46	Twi_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12751	No
159	GOM_NL__2PRFIN20040807_215734_000000562029_00172_12751_2550.N1	07-AUG-2004 21:57:34	Twi_and_stray	55.500	28	12Bet Tau	1.6500	15200.	111	12751	No
160	GOM_NL__2PRFIN20040807_215945_000000482029_00172_12751_2551.N1	07-AUG-2004 21:59:45	Twi_and_stray	48.000	176	23Zet Tau	3.0200	22000.	96	12751	No

161	GOM_NL__2PRFIN20040807_220240_000000712029_00172_12751_2552.N1	07-AUG-2004 22:02:40	Dark	71.000	13	87Alp Tau	0.86700	3800.0	142	12751	No
162	GOM_NL__2PRFIN20040807_220434_000000462029_00172_12751_2553.N1	07-AUG-2004 22:04:34	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	12751	No
163	GOM_NL__2PRFIN20040807_220629_000000462029_00172_12751_2554.N1	07-AUG-2004 22:06:29	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	12751	No
164	GOM_NL__2PRFIN20040807_220749_000000462029_00172_12751_2555.N1	07-AUG-2004 22:07:49	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	12751	No
165	GOM_NL__2PRFIN20040807_220923_000000512029_00172_12751_2556.N1	07-AUG-2004 22:09:23	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	12751	No
166	GOM_NL__2PRFIN20040807_221111_000000412029_00172_12751_2557.N1	07-AUG-2004 22:11:11	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	12751	No
167	GOM_NL__2PRFIN20040807_221238_000000442029_00172_12751_2558.N1	07-AUG-2004 22:12:38	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	12751	No
168	GOM_NL__2PRFIN20040807_221925_000000512029_00172_12751_2559.N1	07-AUG-2004 22:19:25	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	12751	No
169	GOM_NL__2PRFIN20040807_222402_000000522029_00173_12752_2329.N1	07-AUG-2004 22:24:02	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12752	No
170	GOM_NL__2PRFIN20040807_222858_000000442029_00173_12752_2330.N1	07-AUG-2004 22:28:58	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12752	No
171	GOM_NL__2PRFIN20040807_223417_000000652029_00173_12752_2331.N1	07-AUG-2004 22:34:17	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	12752	No
172	GOM_NL__2PRFIN20040807_223813_000000472029_00173_12752_2332.N1	07-AUG-2004 22:38:13	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	12752	No
173	GOM_NL__2PRFIN20040807_224237_000000642029_00173_12752_2333.N1	07-AUG-2004 22:42:37	Tw_i_and_stray	63.500	18	24Alp PsA	1.1660	9700.0	127	12752	No
174	GOM_NL__2PRFIN20040807_224631_000000462029_00173_12752_2334.N1	07-AUG-2004 22:46:31	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	12752	No
175	GOM_NL__2PRFIN20040807_224859_000000492029_00173_12752_2335.N1	07-AUG-2004 22:48:59	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	12752	No
176	GOM_NL__2PRFIN20040807_225246_000000492029_00173_12752_2336.N1	07-AUG-2004 22:52:46	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	12752	No
177	GOM_NL__2PRFIN20040807_225657_000000392029_00173_12752_2337.N1	07-AUG-2004 22:56:57	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12752	No
178	GOM_NL__2PRFIN20040807_225835_000000362029_00173_12752_2338.N1	07-AUG-2004 22:58:35	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	12752	No
179	GOM_NL__2PRFIN20040807_230454_000000402029_00173_12752_2339.N1	07-AUG-2004 23:04:54	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	12752	No
180	GOM_NL__2PRFIN20040807_230618_000000412029_00173_12752_2340.N1	07-AUG-2004 23:06:18	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	12752	No
181	GOM_NL__2PRFIN20040807_230805_000000442029_00173_12752_2341.N1	07-AUG-2004 23:08:05	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	12752	No
182	GOM_NL__2PRFIN20040807_230938_000000362029_00173_12752_2342.N1	07-AUG-2004 23:09:38	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	12752	No
183	GOM_NL__2PRFIN20040807_231331_000000412029_00173_12752_2343.N1	07-AUG-2004 23:13:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	12752	No
184	GOM_NL__2PRFIN20040807_231755_000000352029_00173_12752_2344.N1	07-AUG-2004 23:17:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12752	No
185	GOM_NL__2PRFIN20040807_232000_000000362029_00173_12752_2345.N1	07-AUG-2004 23:20:00	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	12752	No
186	GOM_NL__2PRFIN20040807_232244_000000502029_00173_12752_2346.N1	07-AUG-2004 23:22:44	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12752	No
187	GOM_NL__2PRFIN20040807_232817_000000522029_00173_12752_2347.N1	07-AUG-2004 23:28:17	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12752	No
188	GOM_NL__2PRFIN20040807_233006_000000552029_00173_12752_2348.N1	07-AUG-2004 23:30:06	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	12752	No
189	GOM_NL__2PRFIN20040807_233220_000002552029_00173_12752_2349.N1	07-AUG-2004 23:32:20	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12752	No
190	GOM_NL__2PRFIN20040807_233812_000000502029_00173_12752_2350.N1	07-AUG-2004 23:38:12	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	12752	No
191	GOM_NL__2PRFIN20040807_234021_000000492029_00173_12752_2351.N1	07-AUG-2004 23:40:21	Tw_i_and_stray	48.500	176	23Zet Tau	3.0200	22000.	97	12752	No
192	GOM_NL__2PRFIN20040807_234316_000000682029_00173_12752_2352.N1	07-AUG-2004 23:43:16	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	12752	No
193	GOM_NL__2PRFIN20040807_234509_000000472029_00173_12752_2353.N1	07-AUG-2004 23:45:09	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	12752	No
194	GOM_NL__2PRFIN20040807_234705_000000442029_00173_12752_2354.N1	07-AUG-2004 23:47:05	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	12752	No
195	GOM_NL__2PRFIN20040807_234825_000000442029_00173_12752_2355.N1	07-AUG-2004 23:48:25	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	12752	No
196	GOM_NL__2PRFIN20040807_235000_000000482029_00173_12752_2356.N1	07-AUG-2004 23:50:00	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12752	No
197	GOM_NL__2PRFIN20040807_235146_000000392029_00173_12752_2357.N1	07-AUG-2004 23:51:46	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	12752	No
198	GOM_NL__2PRFIN20040807_235313_000000432029_00173_12752_2358.N1	07-AUG-2004 23:53:13	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12752	No

3. Quality information per product

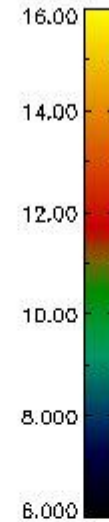
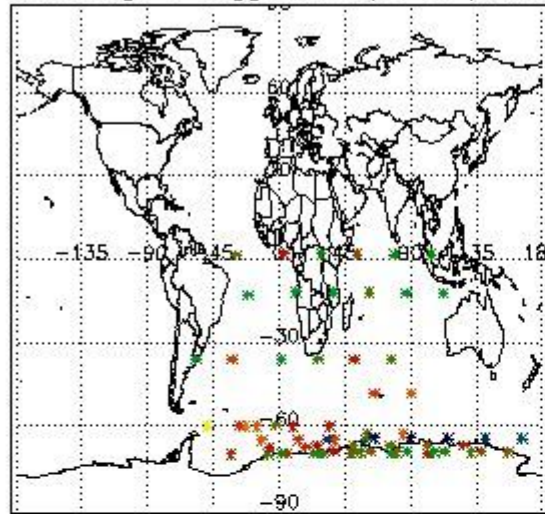
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

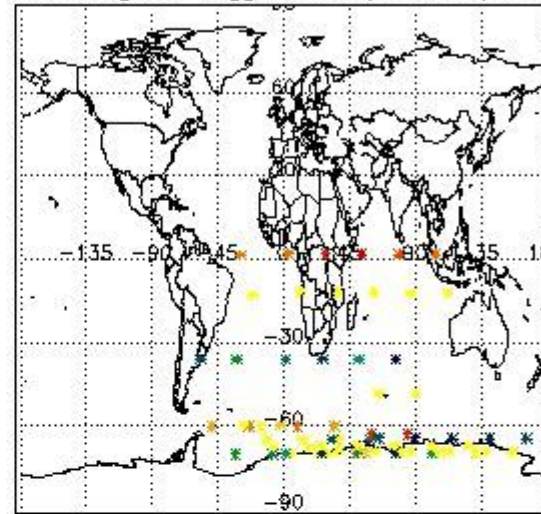


3.2 Plot quality information per product (world map)

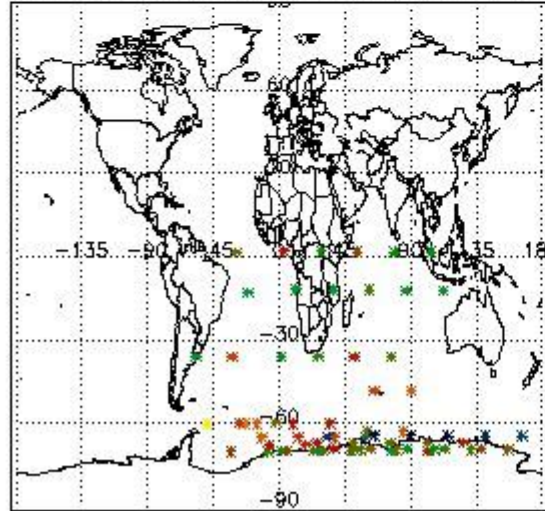
Percentage of flagged data per O3 profile



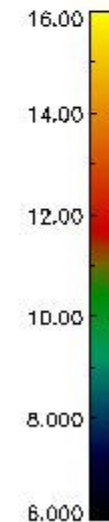
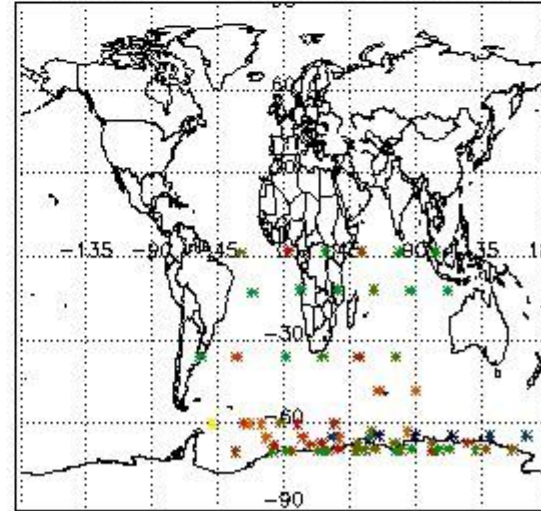
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

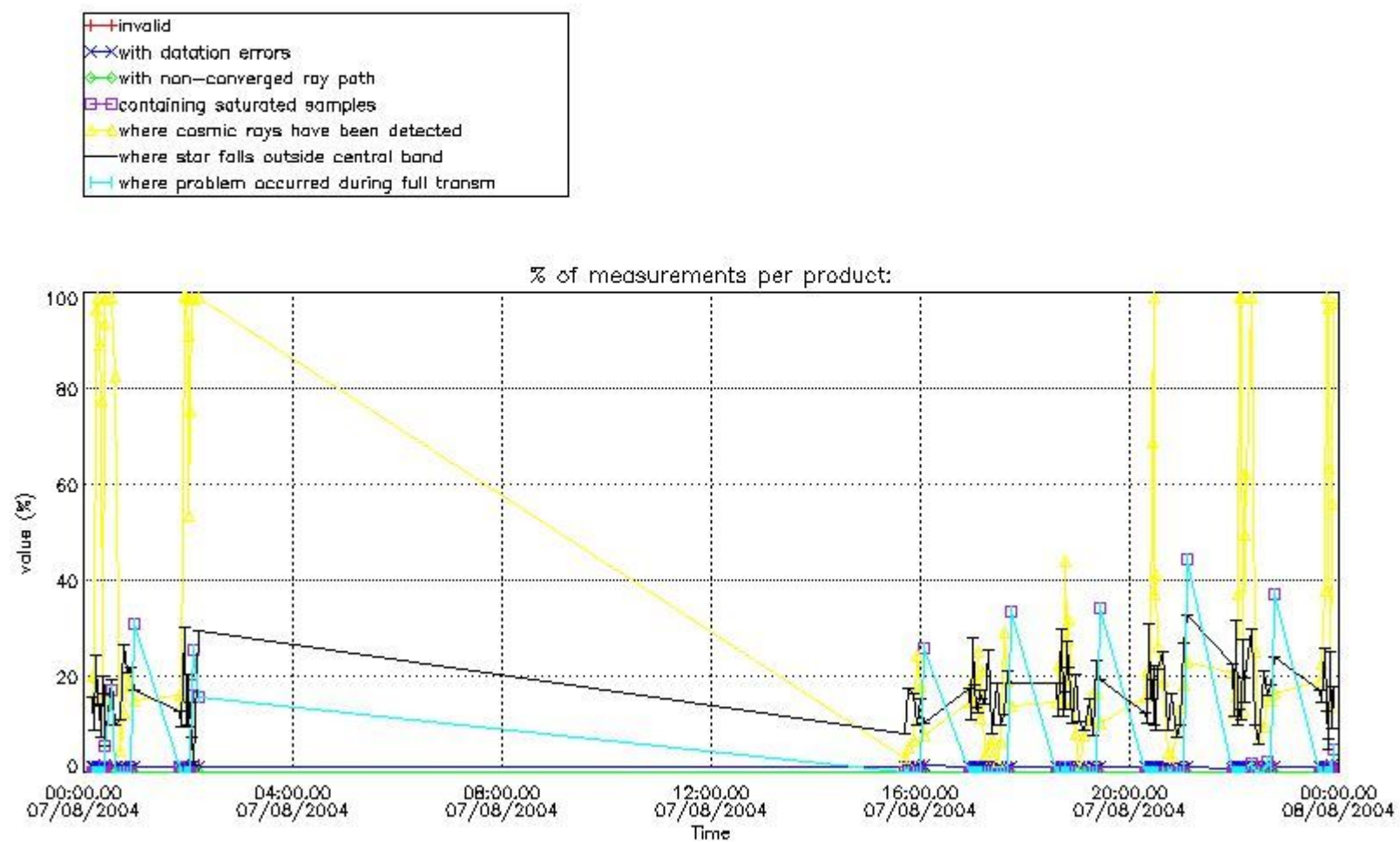


4. Level 1 quality information per product

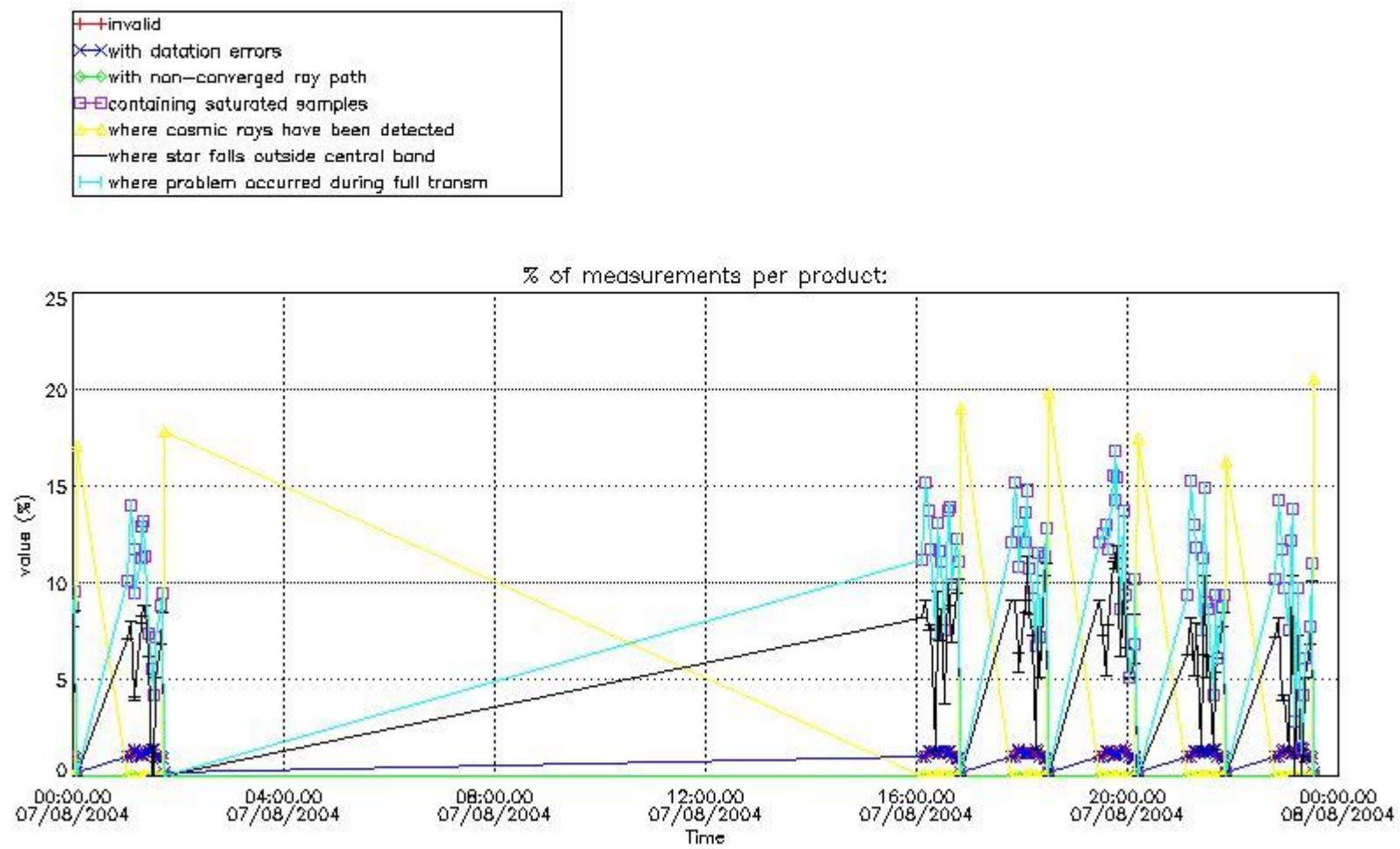
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



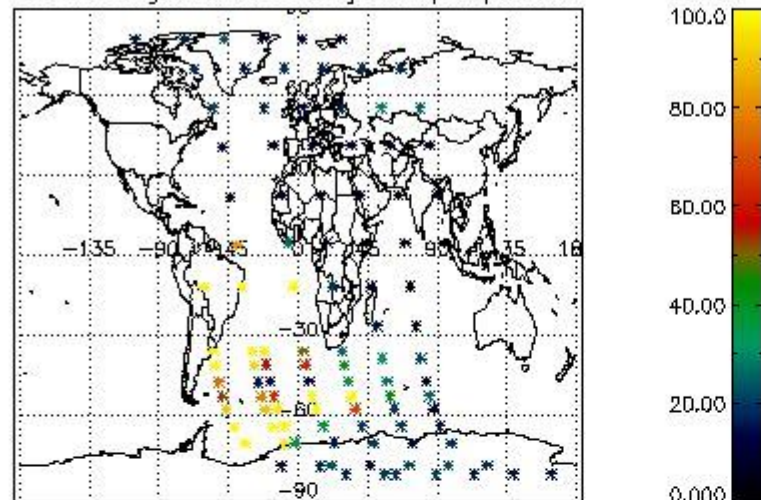
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



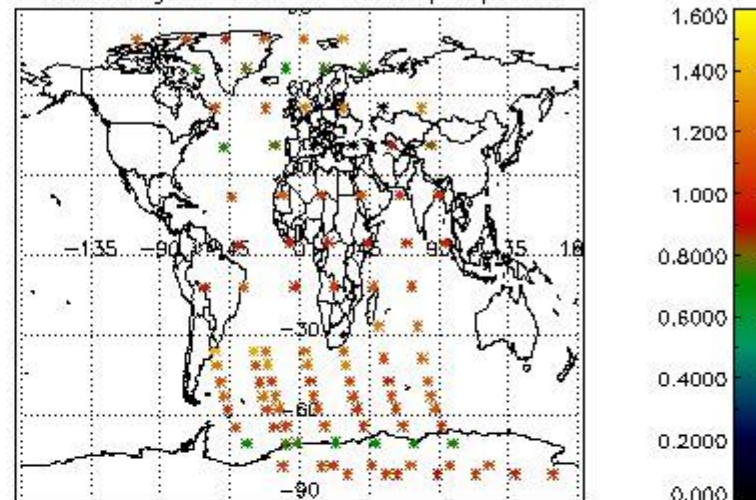
4.2 Plot quality information per product coming from level 1b processing (world map)

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

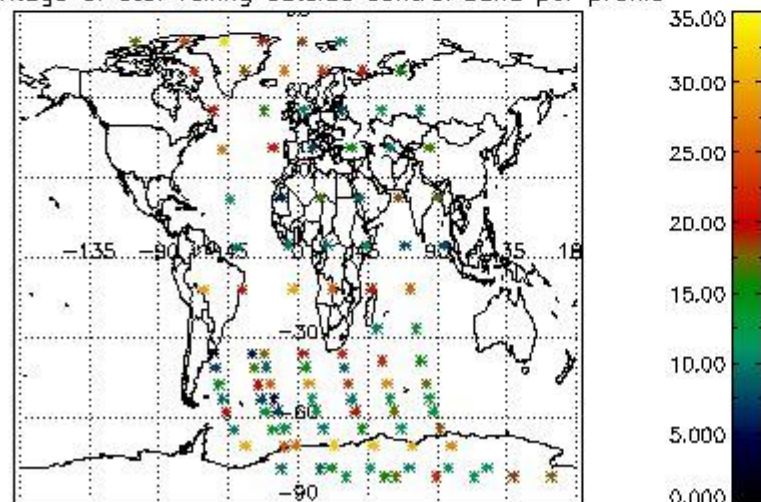
Percentage of cosmic ray hits per profile



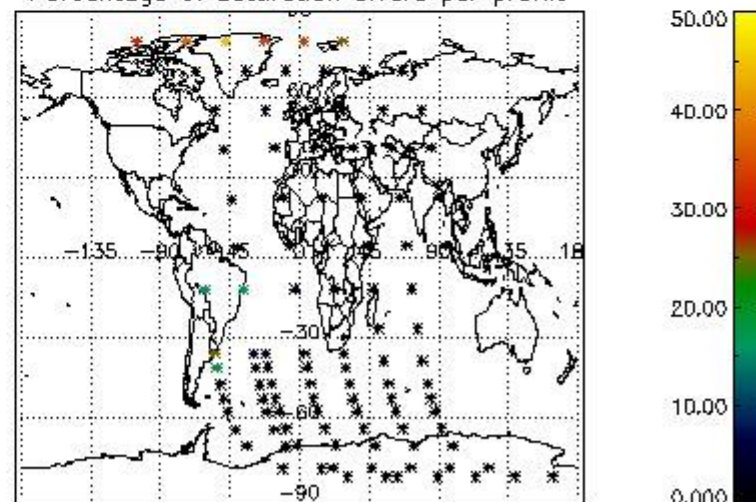
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

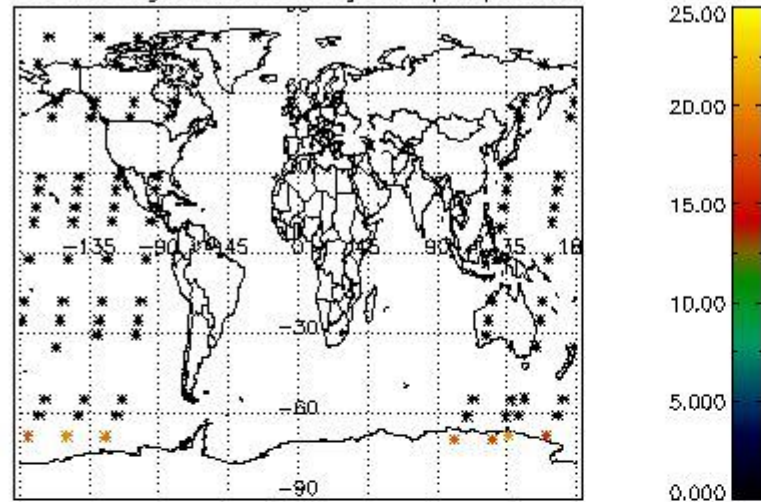


Percentage of saturation errors per profile

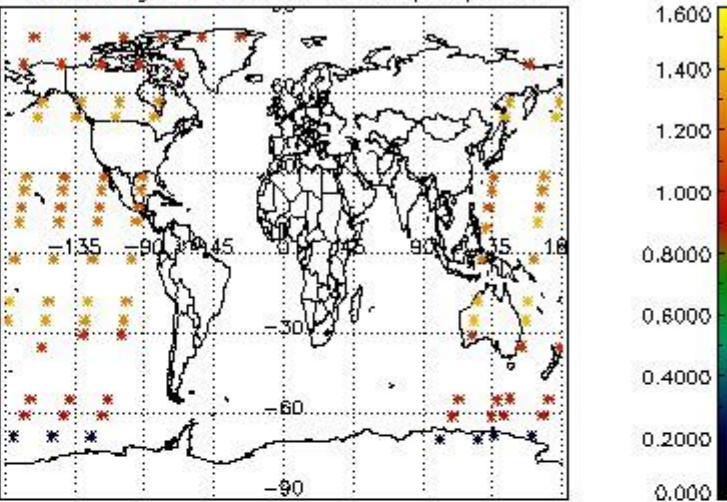


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

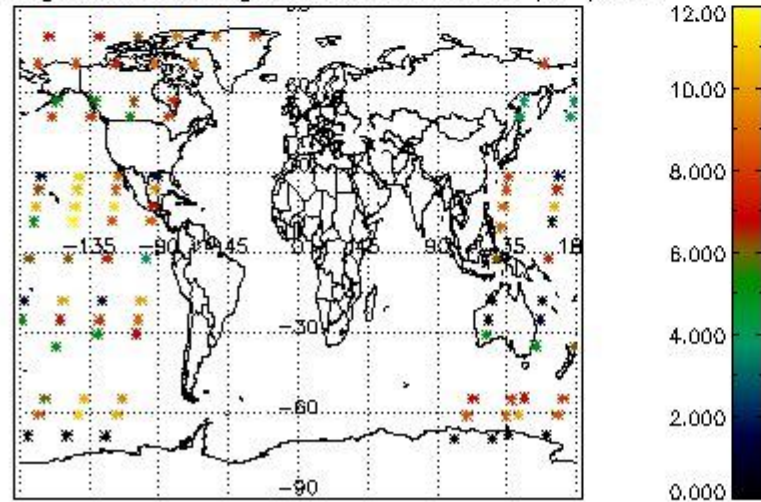
Percentage of cosmic ray hits per profile



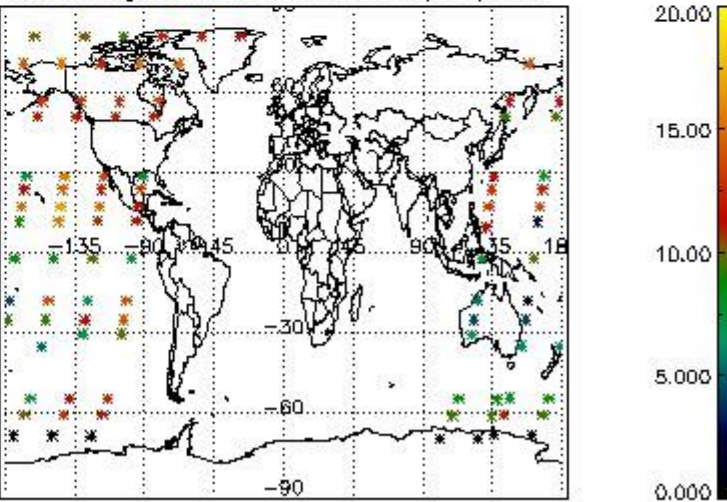
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

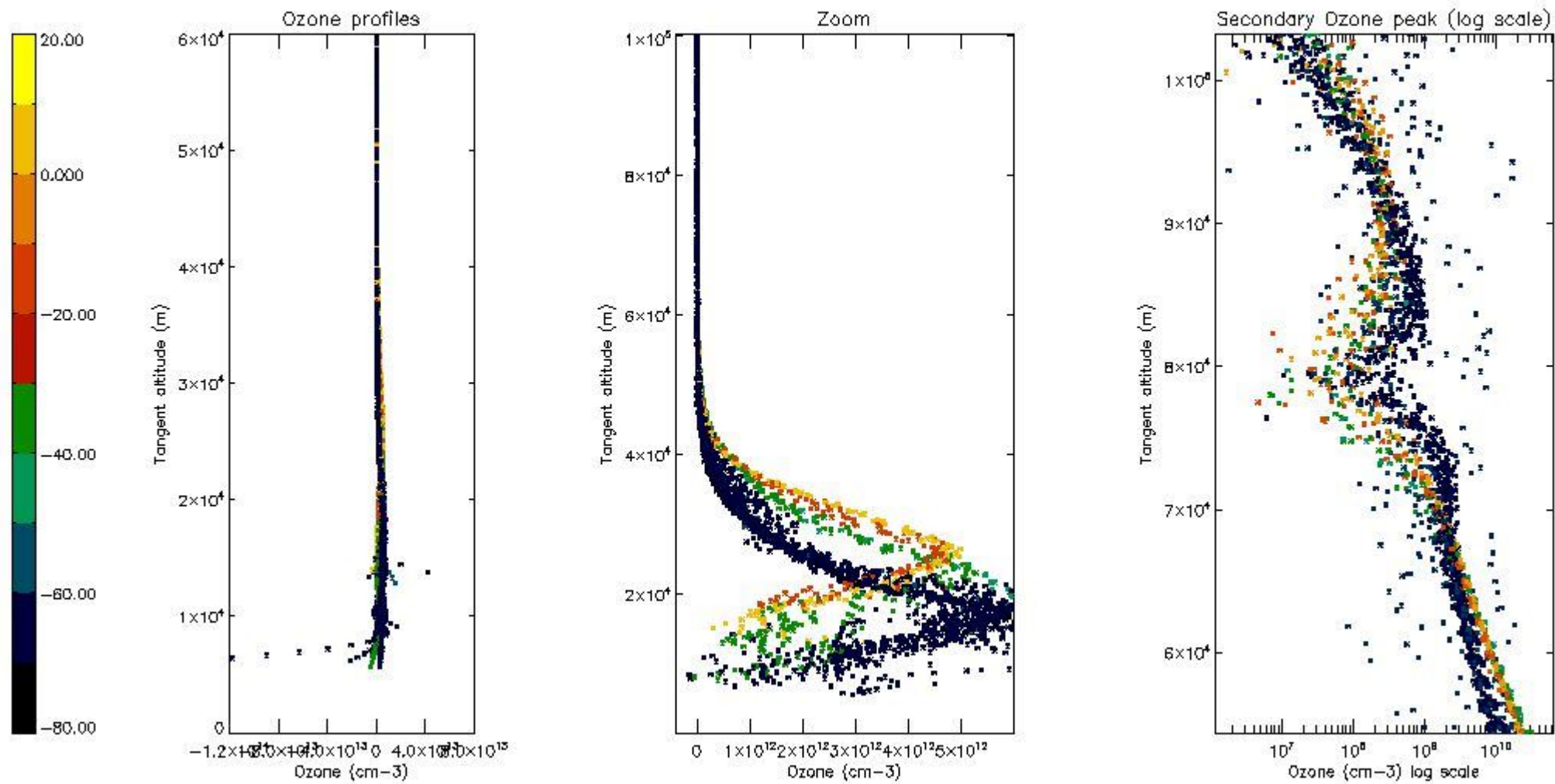
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	19

STD < 10	17
STD < 5	13

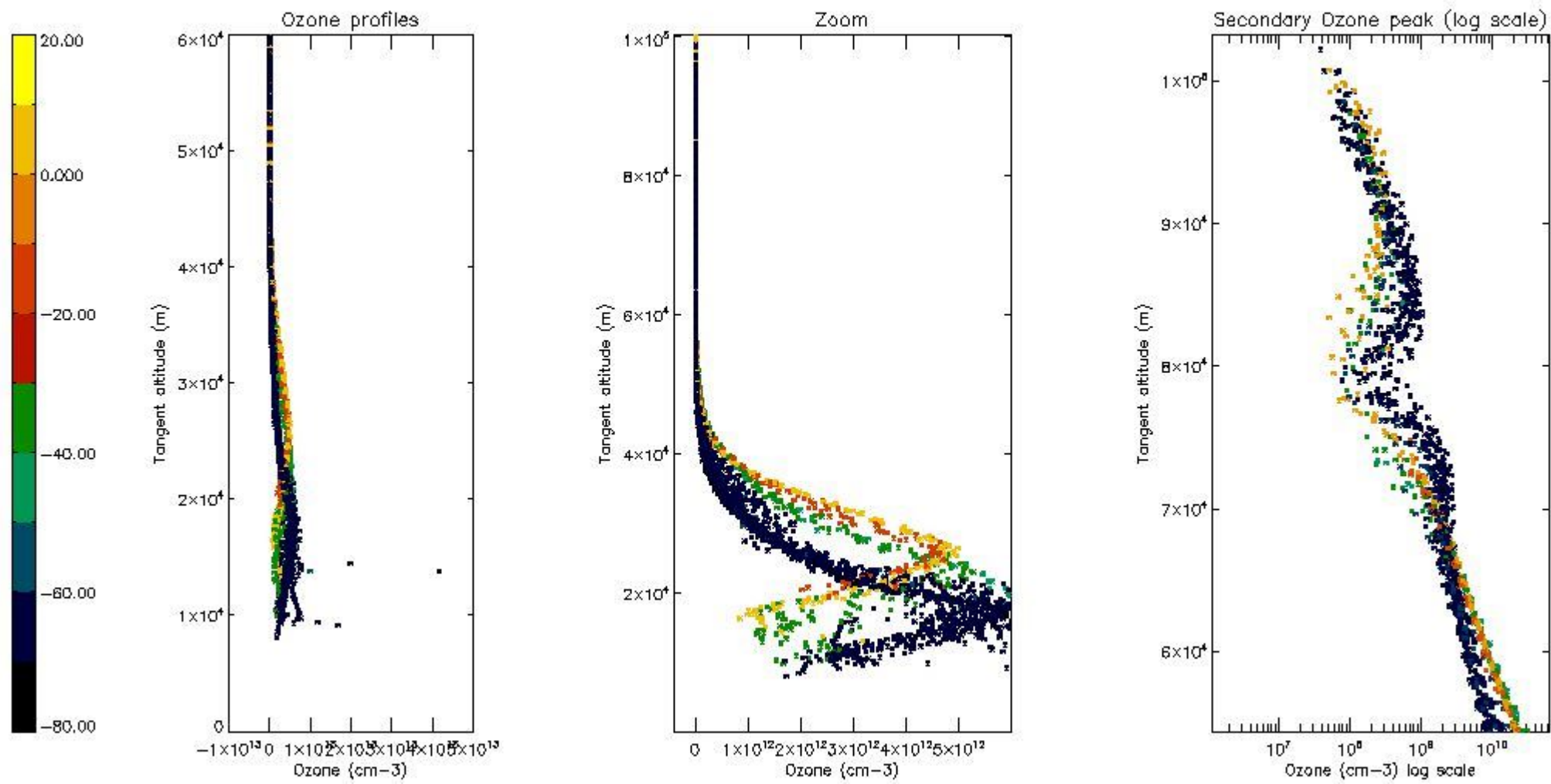
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



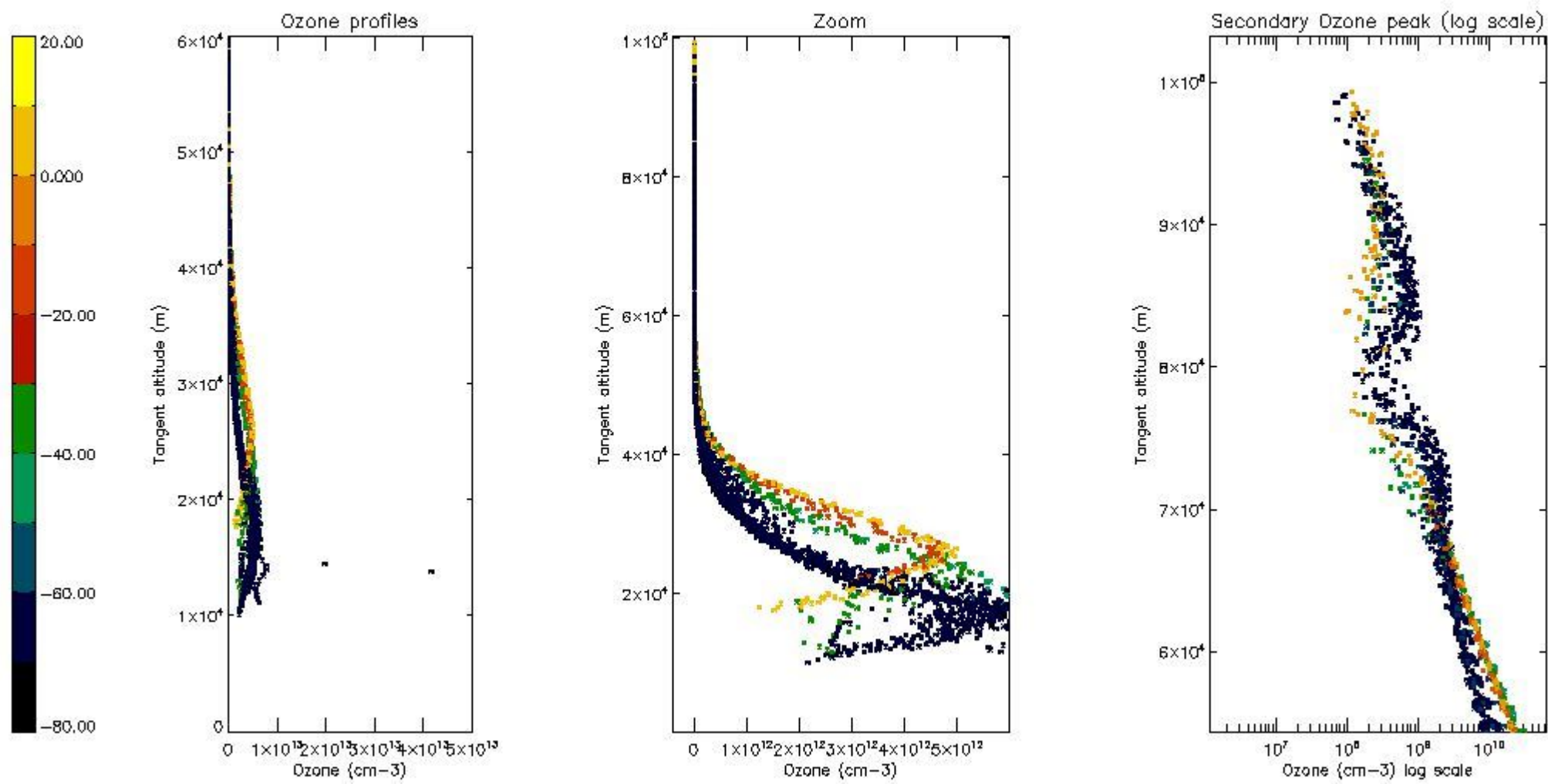
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



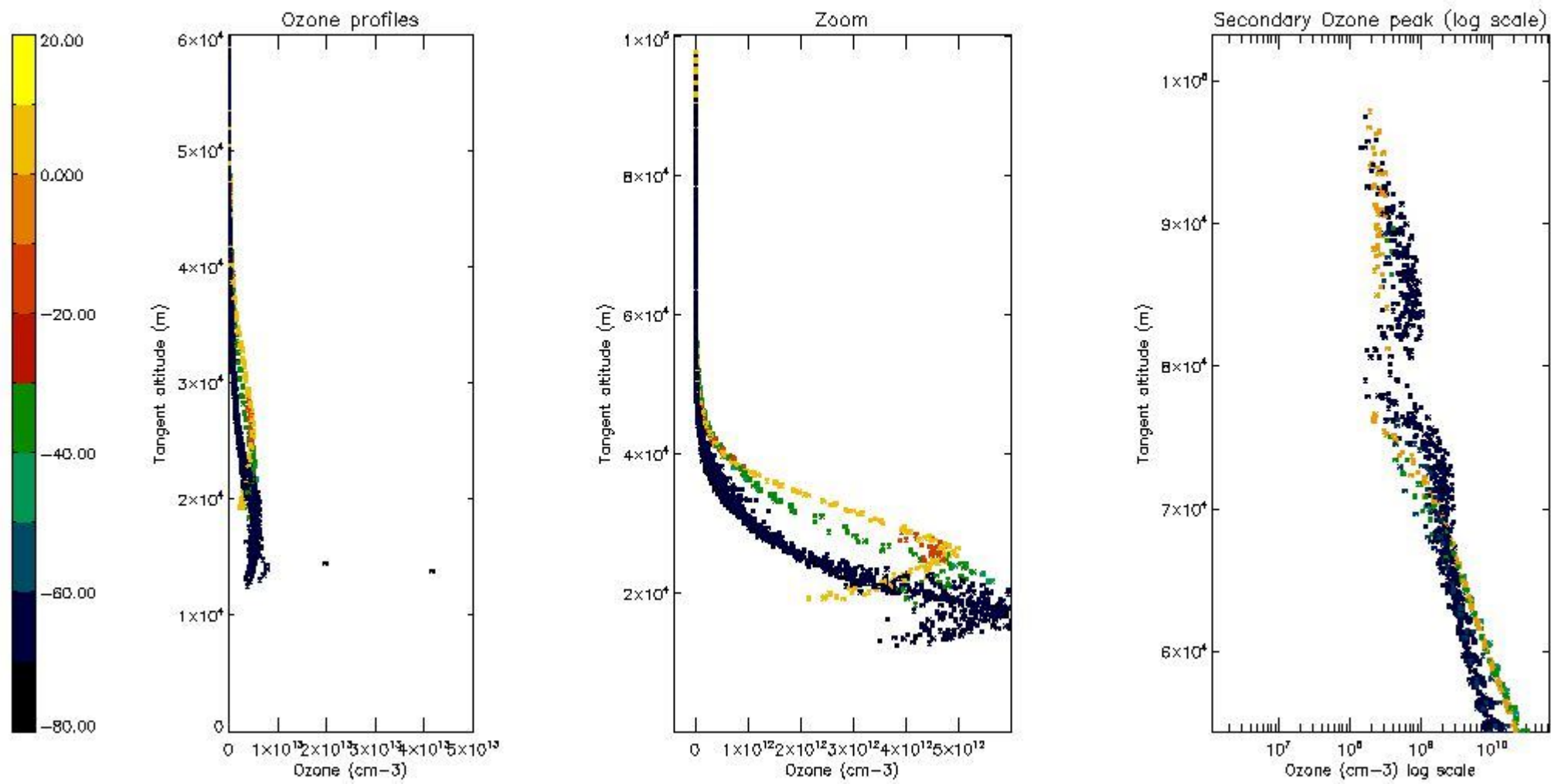
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



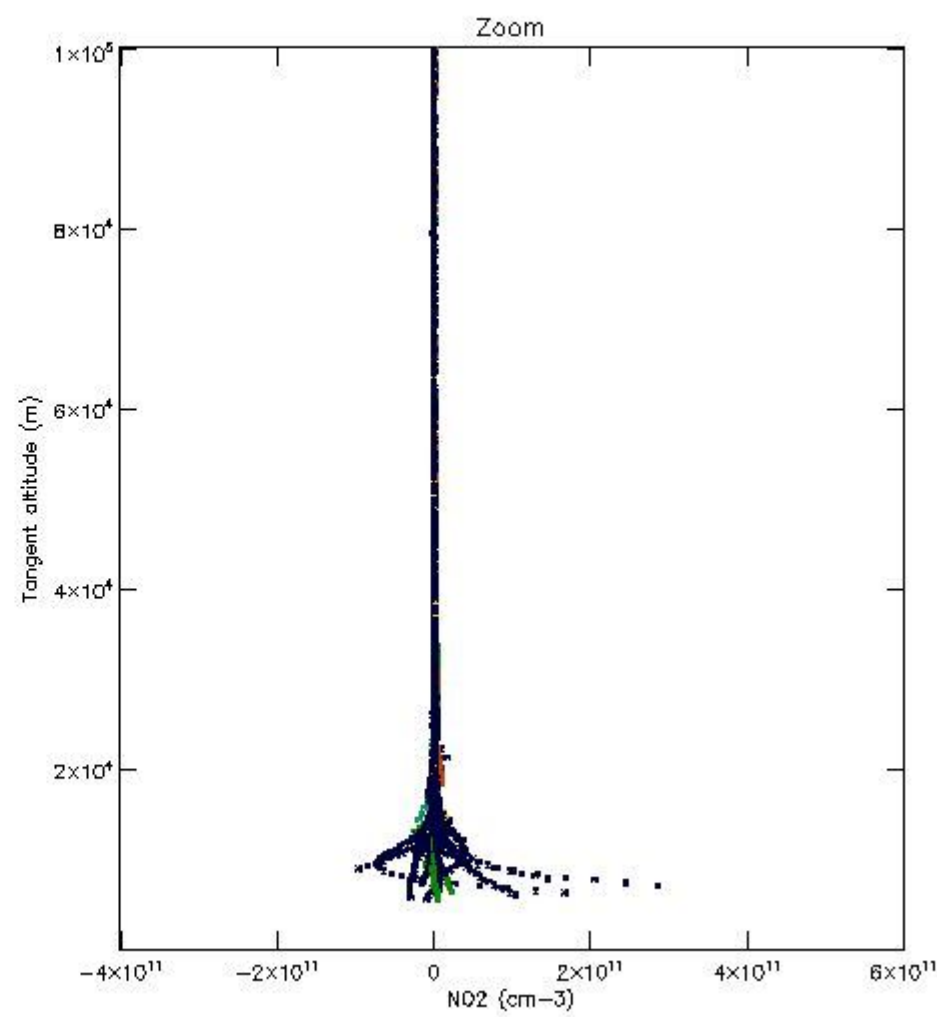
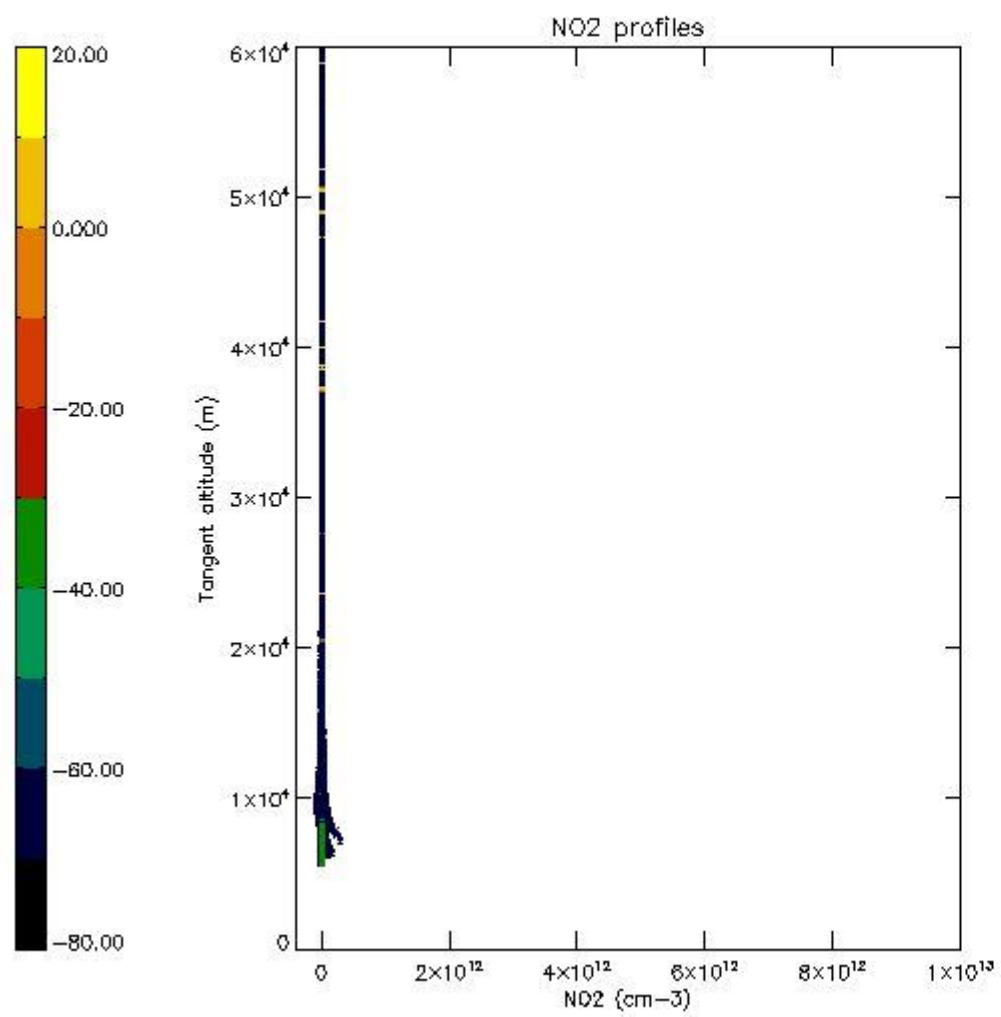
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



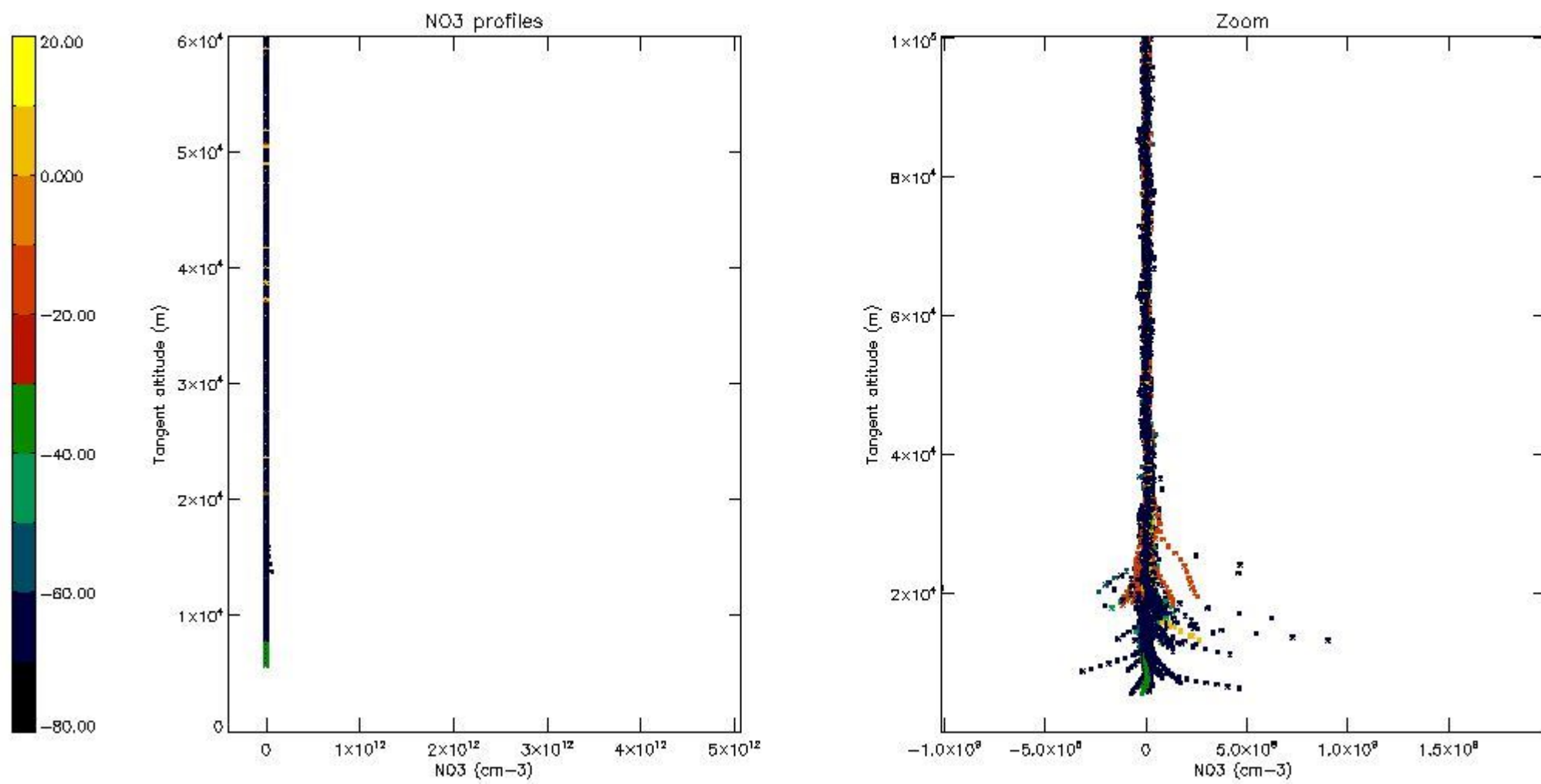
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



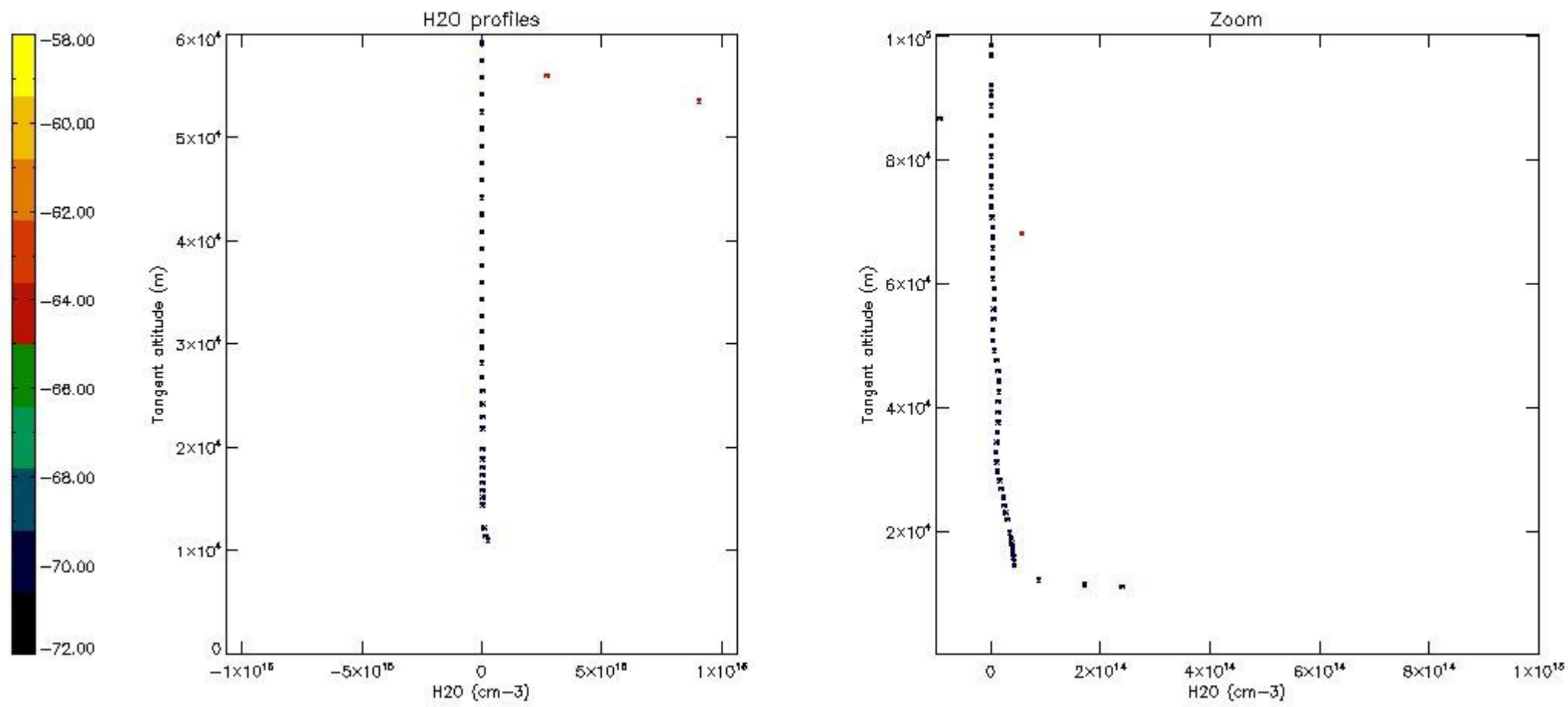
5.7 Plot NO3 profiles for all STD (dark without errors)

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	07-AUG-2004 00:00:02
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-AUG-2004 00:00:02
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-AUG-2004 00:00:02

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 08:04:43
Data source version	GOMOS/6.01
Start time of products	07-08-2004 (07AUG2004 00:00:00)
Stop time of products	08-08-2004 (08AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	198
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

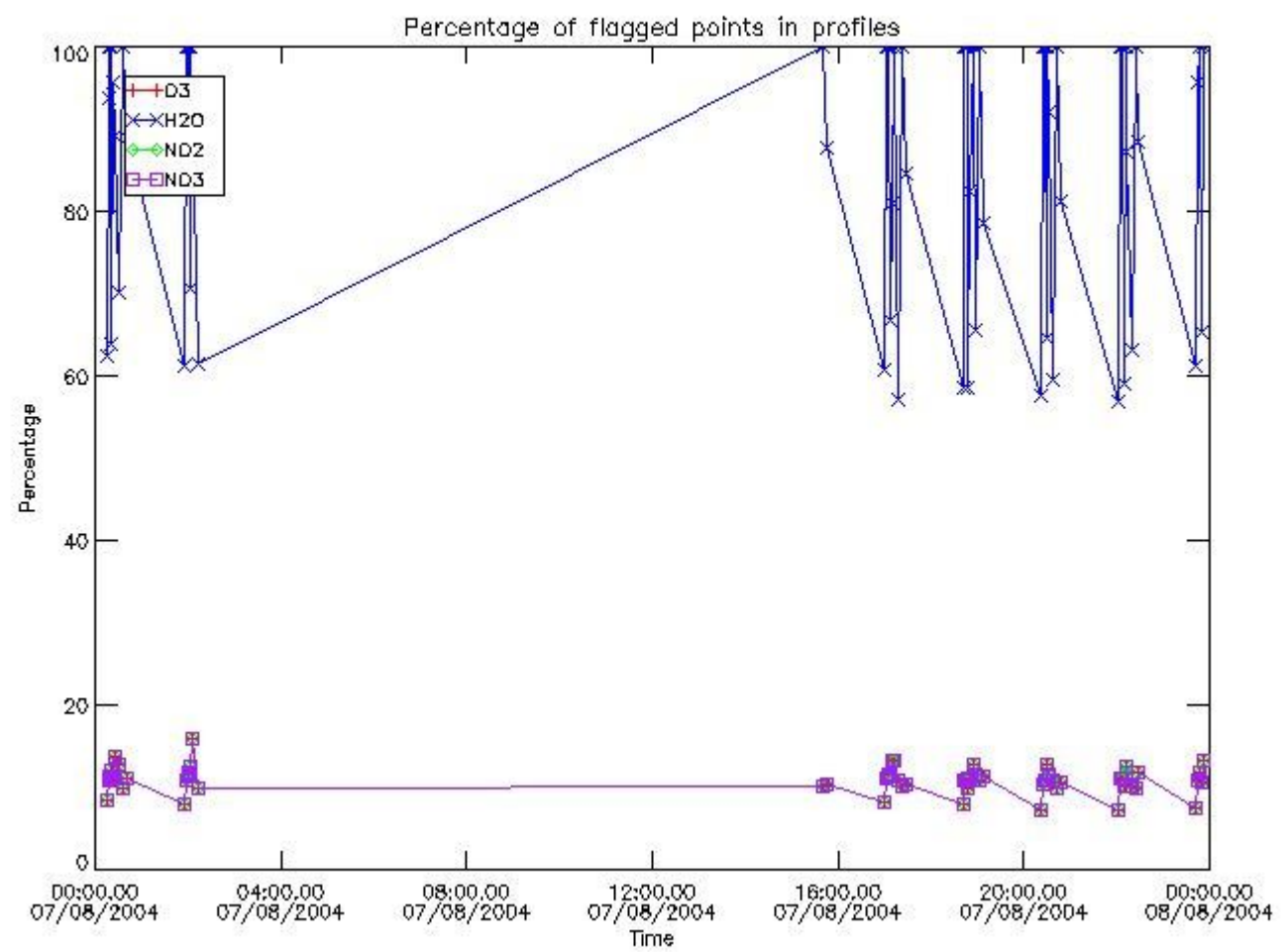
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20040807_000002_00000522029_00159_12738_2446.N1	07-AUG-2004 00:00:02	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12738	No
2	GOM_NL__2PRFIN20040807_000149_00000532029_00159_12738_2447.N1	07-AUG-2004 00:01:49	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	12738	No
3	GOM_NL__2PRFIN20040807_000424_000002552029_00159_12738_2448.N1	07-AUG-2004 00:04:24	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12738	No
4	GOM_NL__2PRFIN20040807_000947_000000482029_00159_12738_2449.N1	07-AUG-2004 00:09:47	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	12738	No
5	GOM_NL__2PRFIN20040807_001155_000000462029_00159_12738_2450.N1	07-AUG-2004 00:11:55	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	12738	No
6	GOM_NL__2PRFIN20040807_001445_000000662029_00159_12738_2451.N1	07-AUG-2004 00:14:45	Dark	65.500	13	87Alp Tau	0.86700	3800.0	131	12738	No
7	GOM_NL__2PRFIN20040807_001640_000000492029_00159_12738_2452.N1	07-AUG-2004 00:16:40	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	12738	No
8	GOM_NL__2PRFIN20040807_001836_000000472029_00159_12738_2453.N1	07-AUG-2004 00:18:36	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	12738	No
9	GOM_NL__2PRFIN20040807_001958_000000422029_00159_12738_2454.N1	07-AUG-2004 00:19:58	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12738	No
10	GOM_NL__2PRFIN20040807_002131_000000482029_00159_12738_2455.N1	07-AUG-2004 00:21:31	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	12738	No
11	GOM_NL__2PRFIN20040807_002320_000000462029_00159_12738_2456.N1	07-AUG-2004 00:23:20	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	12738	No
12	GOM_NL__2PRFIN20040807_002449_000000372029_00159_12738_2457.N1	07-AUG-2004 00:24:49	Dark	37.000	23	21Eps CMa	1.5020	26000.	74	12738	No
13	GOM_NL__2PRFIN20040807_003135_000000442029_00159_12738_2458.N1	07-AUG-2004 00:31:35	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	12738	No
14	GOM_NL__2PRFIN20040807_003601_000000522029_00160_12739_2512.N1	07-AUG-2004 00:36:01	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12739	No
15	GOM_NL__2PRFIN20040807_004102_000000462029_00160_12739_2513.N1	07-AUG-2004 00:41:02	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12739	No
16	GOM_NL__2PRFIN20040807_004618_000000702029_00160_12739_2514.N1	07-AUG-2004 00:46:18	Straylight	69.500	84	Alp Phe	2.3970	4500.0	139	12739	No
17	GOM_NL__2PRFIN20040807_005025_000000462029_00160_12739_2515.N1	07-AUG-2004 00:50:25	Straylight	46.000	45	Alp Pav	1.9400	26000.	92	12739	No
18	GOM_NL__2PRFIN20040807_005443_000000672029_00160_12739_2516.N1	07-AUG-2004 00:54:43	Twilight	67.000	18	24Alp PsA	1.1660	9700.0	134	12739	No
19	GOM_NL__2PRFIN20040807_005841_000000442029_00160_12739_2517.N1	07-AUG-2004 00:58:41	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	12739	No
20	GOM_NL__2PRFIN20040807_010111_000000502029_00160_12739_2518.N1	07-AUG-2004 01:01:11	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	12739	No
21	GOM_NL__2PRFIN20040807_010501_000000502029_00160_12739_2519.N1	07-AUG-2004 01:05:01	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	12739	No
22	GOM_NL__2PRFIN20040807_010910_000000392029_00160_12739_2520.N1	07-AUG-2004 01:09:10	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12739	No
23	GOM_NL__2PRFIN20040807_011046_000000372029_00160_12739_2521.N1	07-AUG-2004 01:10:46	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12739	No
24	GOM_NL__2PRFIN20040807_011711_000000452029_00160_12739_2522.N1	07-AUG-2004 01:17:11	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	12739	No
25	GOM_NL__2PRFIN20040807_011834_000000432029_00160_12739_2523.N1	07-AUG-2004 01:18:34	Bright	42.500	66	37Gam Cyg	2.2080	5900.0	85	12739	No
26	GOM_NL__2PRFIN20040807_012020_000000462029_00160_12739_2524.N1	07-AUG-2004 01:20:20	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	12739	No
27	GOM_NL__2PRFIN20040807_012228_000000402029_00160_12739_2525.N1	07-AUG-2004 01:22:28	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	12739	No
28	GOM_NL__2PRFIN20040807_012549_000000412029_00160_12739_2526.N1	07-AUG-2004 01:25:49	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12739	No
29	GOM_NL__2PRFIN20040807_013005_000000362029_00160_12739_2527.N1	07-AUG-2004 01:30:05	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	12739	No
30	GOM_NL__2PRFIN20040807_013213_000000362029_00160_12739_2528.N1	07-AUG-2004 01:32:13	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	12739	No
31	GOM_NL__2PRFIN20040807_013347_000000492029_00160_12739_2529.N1	07-AUG-2004 01:33:47	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	12739	No
32	GOM_NL__2PRFIN20040807_014037_000000512029_00160_12739_2530.N1	07-AUG-2004 01:40:37	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	12739	No
33	GOM_NL__2PRFIN20040807_014224_000000532029_00160_12739_2531.N1	07-AUG-2004 01:42:24	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	12739	No
34	GOM_NL__2PRFIN20040807_014458_000002552029_00160_12739_2532.N1	07-AUG-2004 01:44:58	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12739	No
35	GOM_NL__2PRFIN20040807_015023_000000472029_00160_12739_2533.N1	07-AUG-2004 01:50:23	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	12739	No
36	GOM_NL__2PRFIN20040807_015231_000000472029_00160_12739_2534.N1	07-AUG-2004 01:52:31	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	12739	No
37	GOM_NL__2PRFIN20040807_015522_000000702029_00160_12739_2535.N1	07-AUG-2004 01:55:22	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	12739	No
38	GOM_NL__2PRFIN20040807_015717_000000472029_00160_12739_2536.N1	07-AUG-2004 01:57:17	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	12739	No
39	GOM_NL__2PRFIN20040807_015913_000000492029_00160_12739_2537.N1	07-AUG-2004 01:59:13	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	12739	No
40	GOM_NL__2PRFIN20040807_020034_000000432029_00160_12739_2538.N1	07-AUG-2004 02:00:34	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	12739	No
41	GOM_NL__2PRFIN20040807_020208_000000452029_00160_12739_2539.N1	07-AUG-2004 02:02:08	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	12739	No
42	GOM_NL__2PRFIN20040807_020356_000000412029_00160_12739_2540.N1	07-AUG-2004 02:03:56	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	12739	No

161	GOM_NL__2PRFIN20040807_220240_000000712029_00172_12751_2552.N1	07-AUG-2004 22:02:40	Dark	71.000	13	87Alp Tau	0.86700	3800.0	142	12751	No
162	GOM_NL__2PRFIN20040807_220434_000000462029_00172_12751_2553.N1	07-AUG-2004 22:04:34	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	12751	No
163	GOM_NL__2PRFIN20040807_220629_000000462029_00172_12751_2554.N1	07-AUG-2004 22:06:29	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	12751	No
164	GOM_NL__2PRFIN20040807_220749_000000462029_00172_12751_2555.N1	07-AUG-2004 22:07:49	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	12751	No
165	GOM_NL__2PRFIN20040807_220923_000000512029_00172_12751_2556.N1	07-AUG-2004 22:09:23	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	12751	No
166	GOM_NL__2PRFIN20040807_221111_000000412029_00172_12751_2557.N1	07-AUG-2004 22:11:11	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	12751	No
167	GOM_NL__2PRFIN20040807_221238_000000442029_00172_12751_2558.N1	07-AUG-2004 22:12:38	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	12751	No
168	GOM_NL__2PRFIN20040807_221925_000000512029_00172_12751_2559.N1	07-AUG-2004 22:19:25	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	12751	No
169	GOM_NL__2PRFIN20040807_222402_000000522029_00173_12752_2329.N1	07-AUG-2004 22:24:02	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12752	No
170	GOM_NL__2PRFIN20040807_222858_000000442029_00173_12752_2330.N1	07-AUG-2004 22:28:58	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12752	No
171	GOM_NL__2PRFIN20040807_223417_000000652029_00173_12752_2331.N1	07-AUG-2004 22:34:17	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	12752	No
172	GOM_NL__2PRFIN20040807_223813_000000472029_00173_12752_2332.N1	07-AUG-2004 22:38:13	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	12752	No
173	GOM_NL__2PRFIN20040807_224237_000000642029_00173_12752_2333.N1	07-AUG-2004 22:42:37	Tw_i_and_stray	63.500	18	24Alp PsA	1.1660	9700.0	127	12752	No
174	GOM_NL__2PRFIN20040807_224631_000000462029_00173_12752_2334.N1	07-AUG-2004 22:46:31	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	12752	No
175	GOM_NL__2PRFIN20040807_224859_000000492029_00173_12752_2335.N1	07-AUG-2004 22:48:59	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	12752	No
176	GOM_NL__2PRFIN20040807_225246_000000492029_00173_12752_2336.N1	07-AUG-2004 22:52:46	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	12752	No
177	GOM_NL__2PRFIN20040807_225657_000000392029_00173_12752_2337.N1	07-AUG-2004 22:56:57	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12752	No
178	GOM_NL__2PRFIN20040807_225835_000000362029_00173_12752_2338.N1	07-AUG-2004 22:58:35	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	12752	No
179	GOM_NL__2PRFIN20040807_230454_000000402029_00173_12752_2339.N1	07-AUG-2004 23:04:54	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	12752	No
180	GOM_NL__2PRFIN20040807_230618_000000412029_00173_12752_2340.N1	07-AUG-2004 23:06:18	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	12752	No
181	GOM_NL__2PRFIN20040807_230805_000000442029_00173_12752_2341.N1	07-AUG-2004 23:08:05	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	12752	No
182	GOM_NL__2PRFIN20040807_230938_000000362029_00173_12752_2342.N1	07-AUG-2004 23:09:38	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	12752	No
183	GOM_NL__2PRFIN20040807_231331_000000412029_00173_12752_2343.N1	07-AUG-2004 23:13:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	12752	No
184	GOM_NL__2PRFIN20040807_231755_000000352029_00173_12752_2344.N1	07-AUG-2004 23:17:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12752	No
185	GOM_NL__2PRFIN20040807_232000_000000362029_00173_12752_2345.N1	07-AUG-2004 23:20:00	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	12752	No
186	GOM_NL__2PRFIN20040807_232244_000000502029_00173_12752_2346.N1	07-AUG-2004 23:22:44	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12752	No
187	GOM_NL__2PRFIN20040807_232817_000000522029_00173_12752_2347.N1	07-AUG-2004 23:28:17	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12752	No
188	GOM_NL__2PRFIN20040807_233006_000000552029_00173_12752_2348.N1	07-AUG-2004 23:30:06	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	12752	No
189	GOM_NL__2PRFIN20040807_233220_000002552029_00173_12752_2349.N1	07-AUG-2004 23:32:20	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12752	No
190	GOM_NL__2PRFIN20040807_233812_000000502029_00173_12752_2350.N1	07-AUG-2004 23:38:12	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	12752	No
191	GOM_NL__2PRFIN20040807_234021_000000492029_00173_12752_2351.N1	07-AUG-2004 23:40:21	Tw_i_and_stray	48.500	176	23Zet Tau	3.0200	22000.	97	12752	No
192	GOM_NL__2PRFIN20040807_234316_000000682029_00173_12752_2352.N1	07-AUG-2004 23:43:16	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	12752	No
193	GOM_NL__2PRFIN20040807_234509_000000472029_00173_12752_2353.N1	07-AUG-2004 23:45:09	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	12752	No
194	GOM_NL__2PRFIN20040807_234705_000000442029_00173_12752_2354.N1	07-AUG-2004 23:47:05	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	12752	No
195	GOM_NL__2PRFIN20040807_234825_000000442029_00173_12752_2355.N1	07-AUG-2004 23:48:25	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	12752	No
196	GOM_NL__2PRFIN20040807_235000_000000482029_00173_12752_2356.N1	07-AUG-2004 23:50:00	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12752	No
197	GOM_NL__2PRFIN20040807_235146_000000392029_00173_12752_2357.N1	07-AUG-2004 23:51:46	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	12752	No
198	GOM_NL__2PRFIN20040807_235313_000000432029_00173_12752_2358.N1	07-AUG-2004 23:53:13	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12752	No

3. Quality information per product

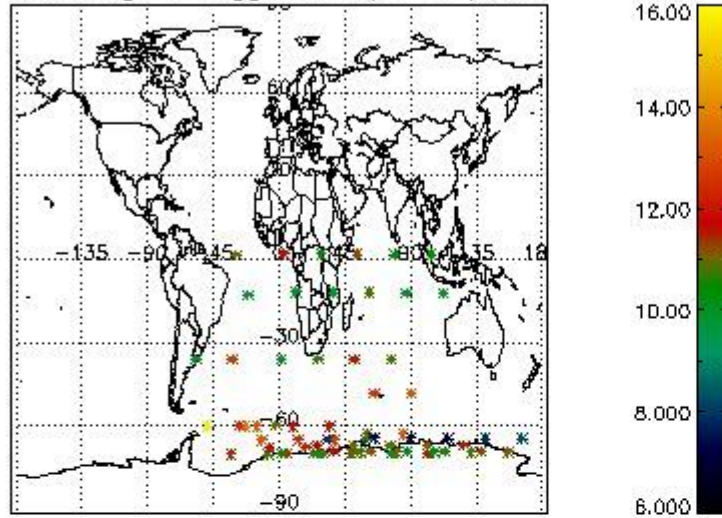
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

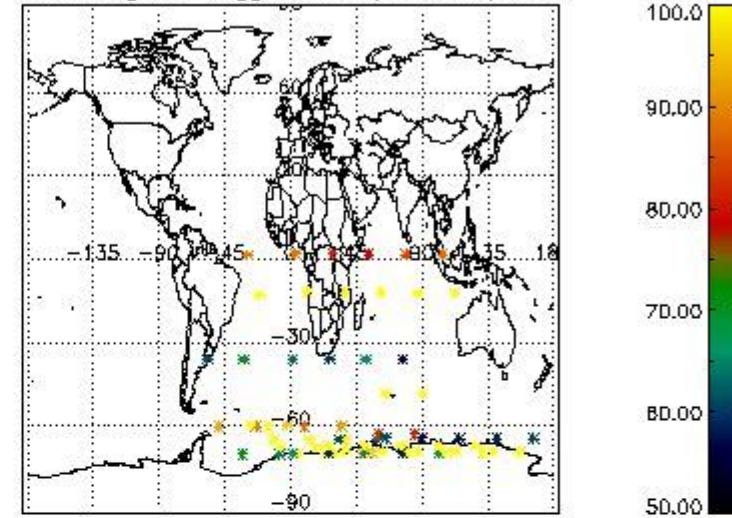


3.2 Plot quality information per product (world map)

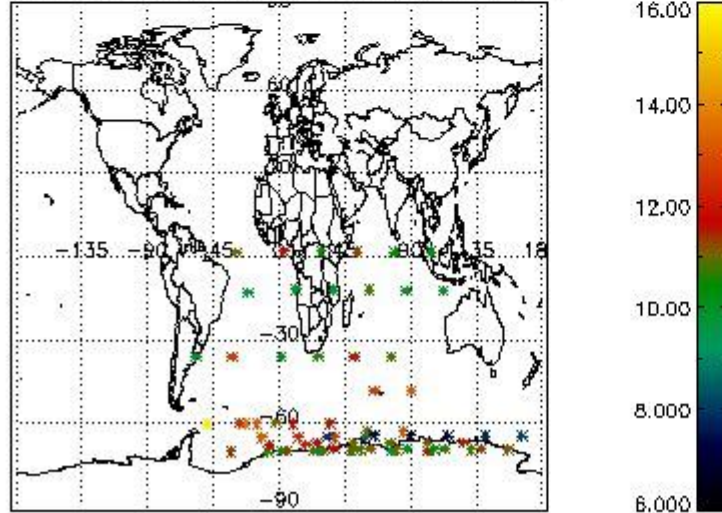
Percentage of flagged data per O3 profile



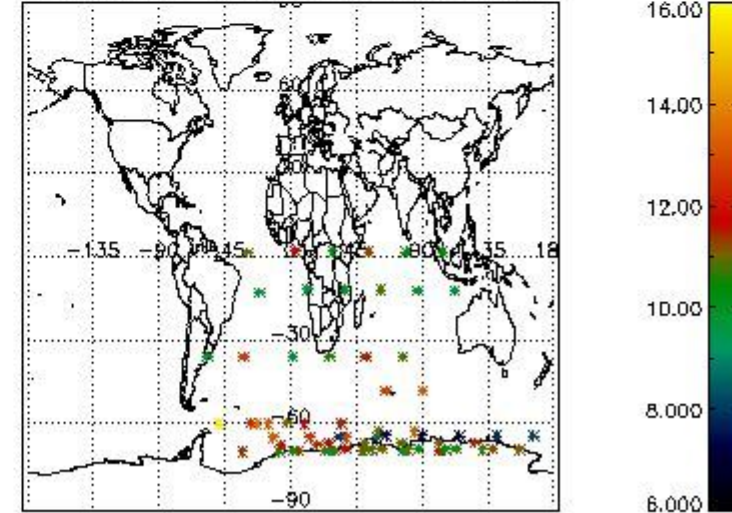
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

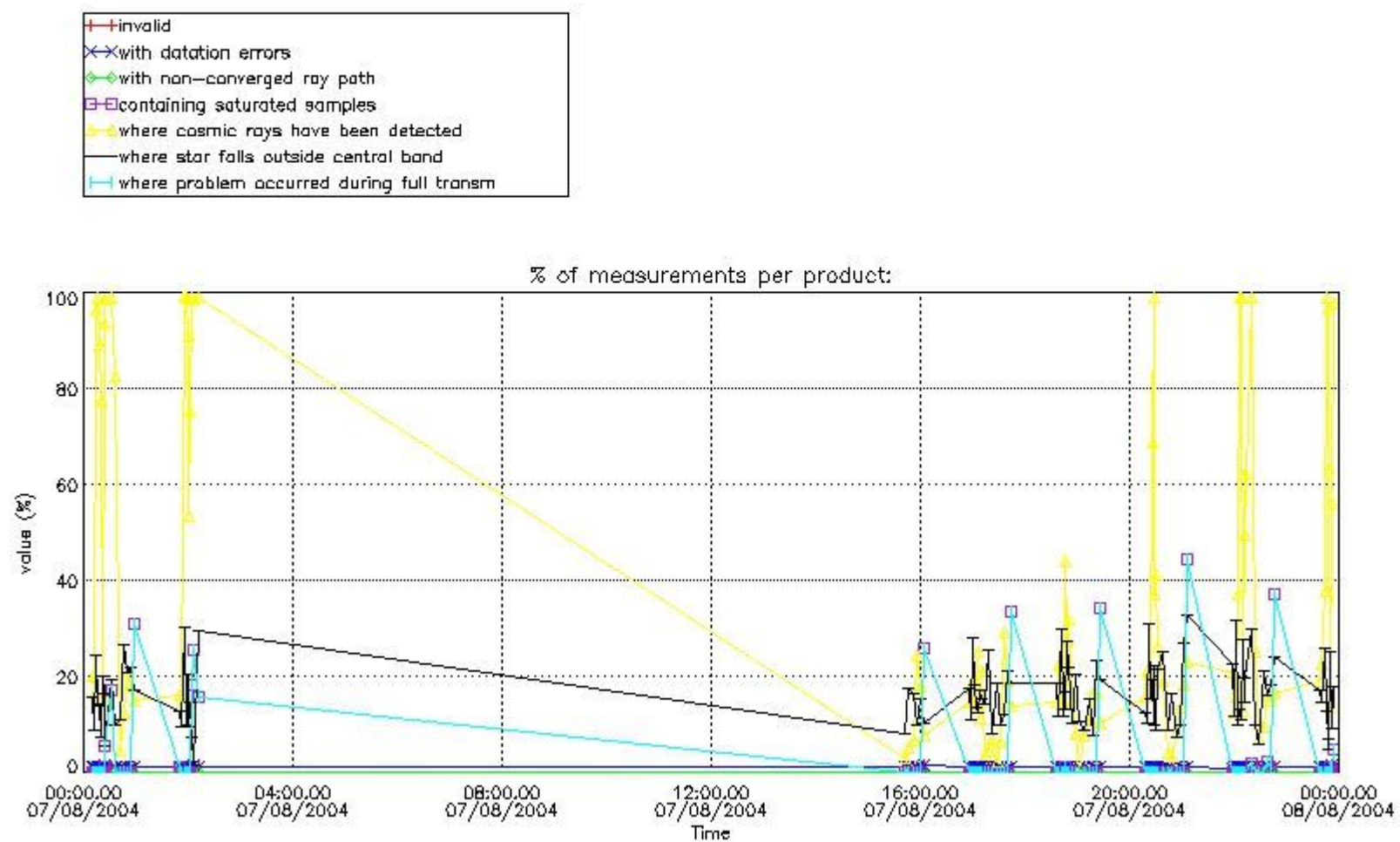


4. Level 1 quality information per product

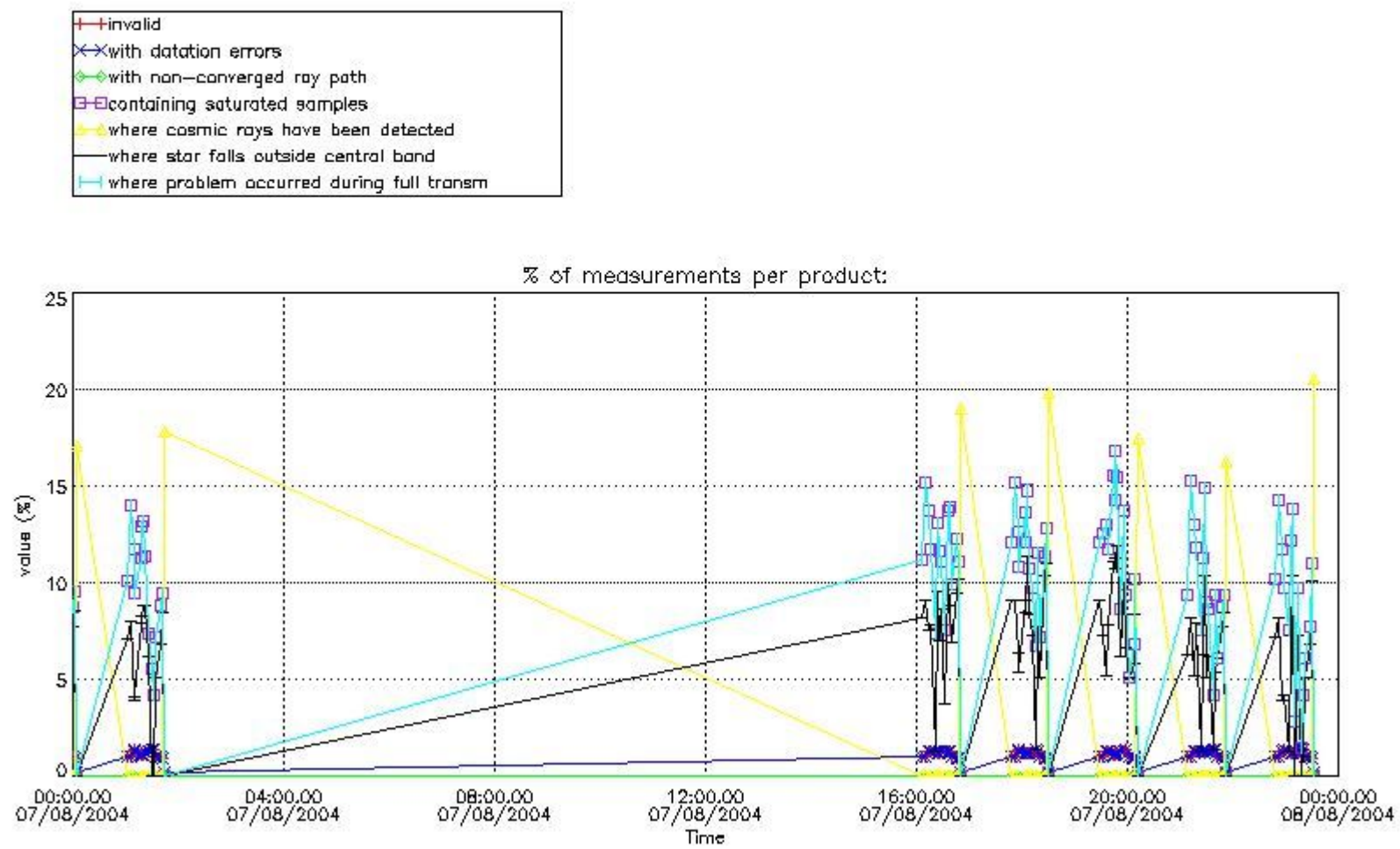
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



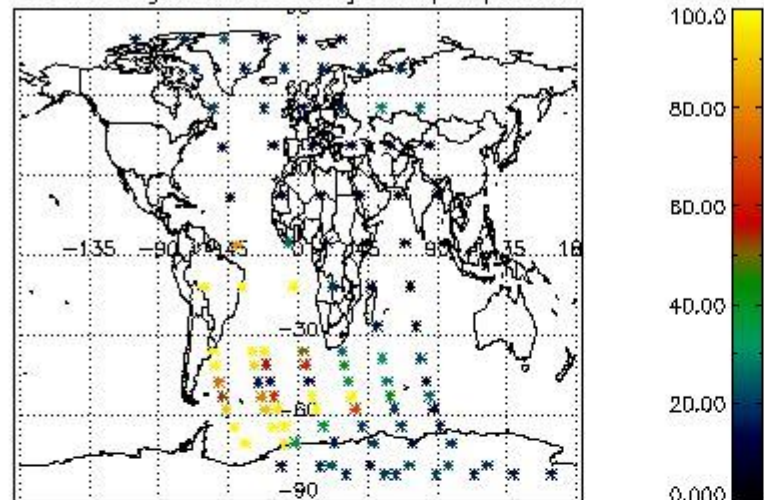
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



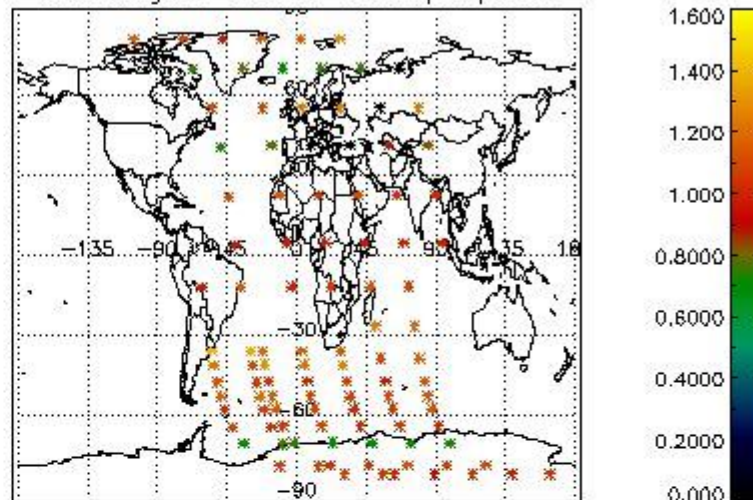
4.2 Plot quality information per product coming from level 1b processing (world map)

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

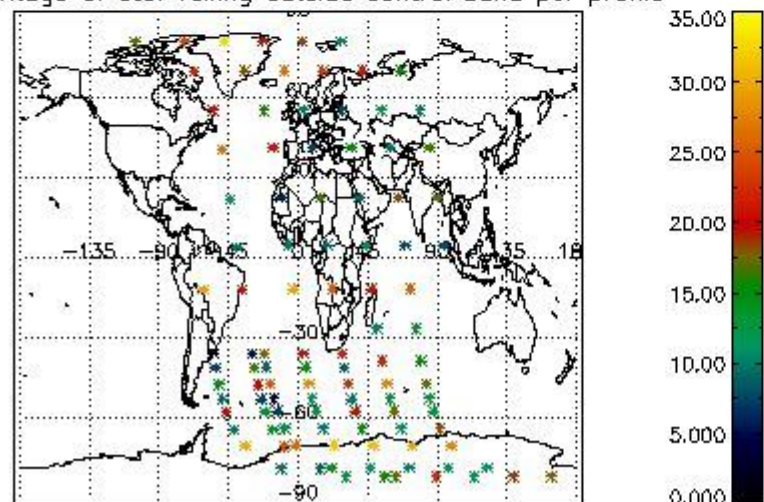
Percentage of cosmic ray hits per profile



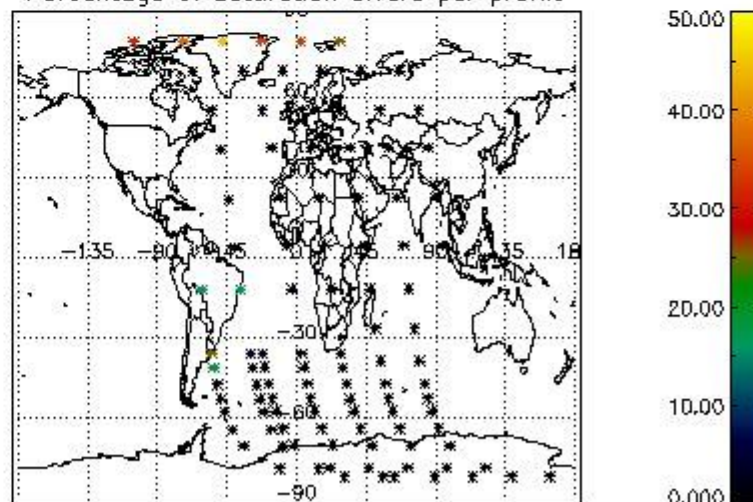
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

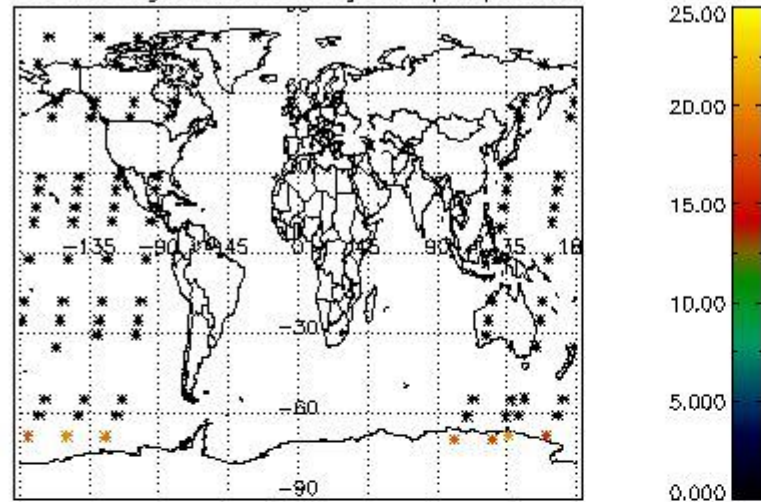


Percentage of saturation errors per profile

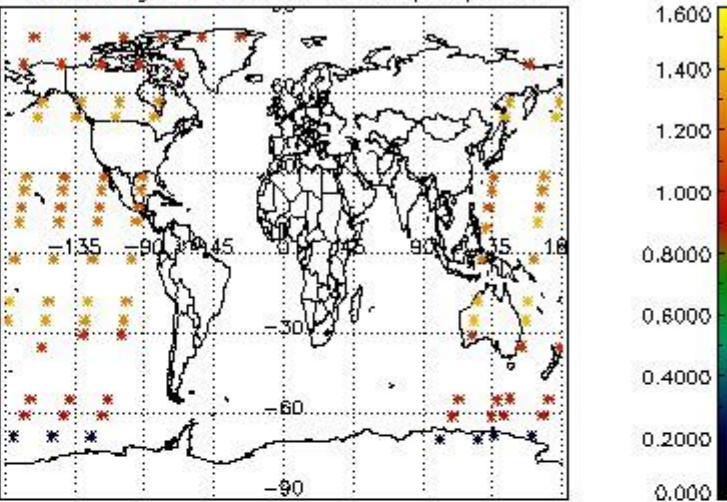


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

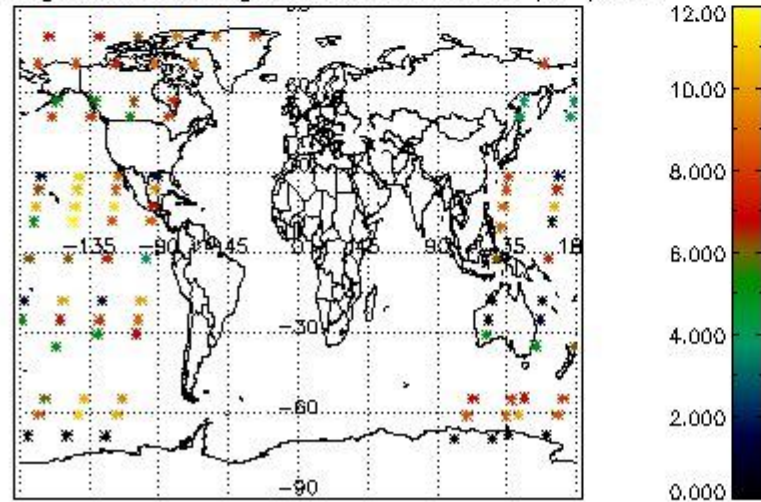
Percentage of cosmic ray hits per profile



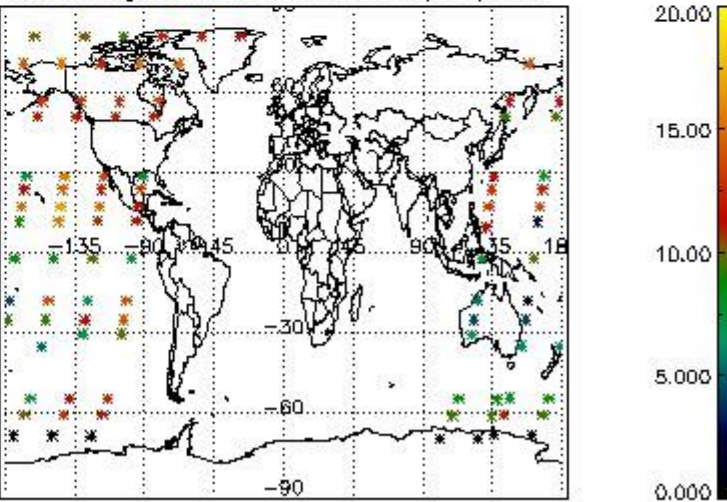
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

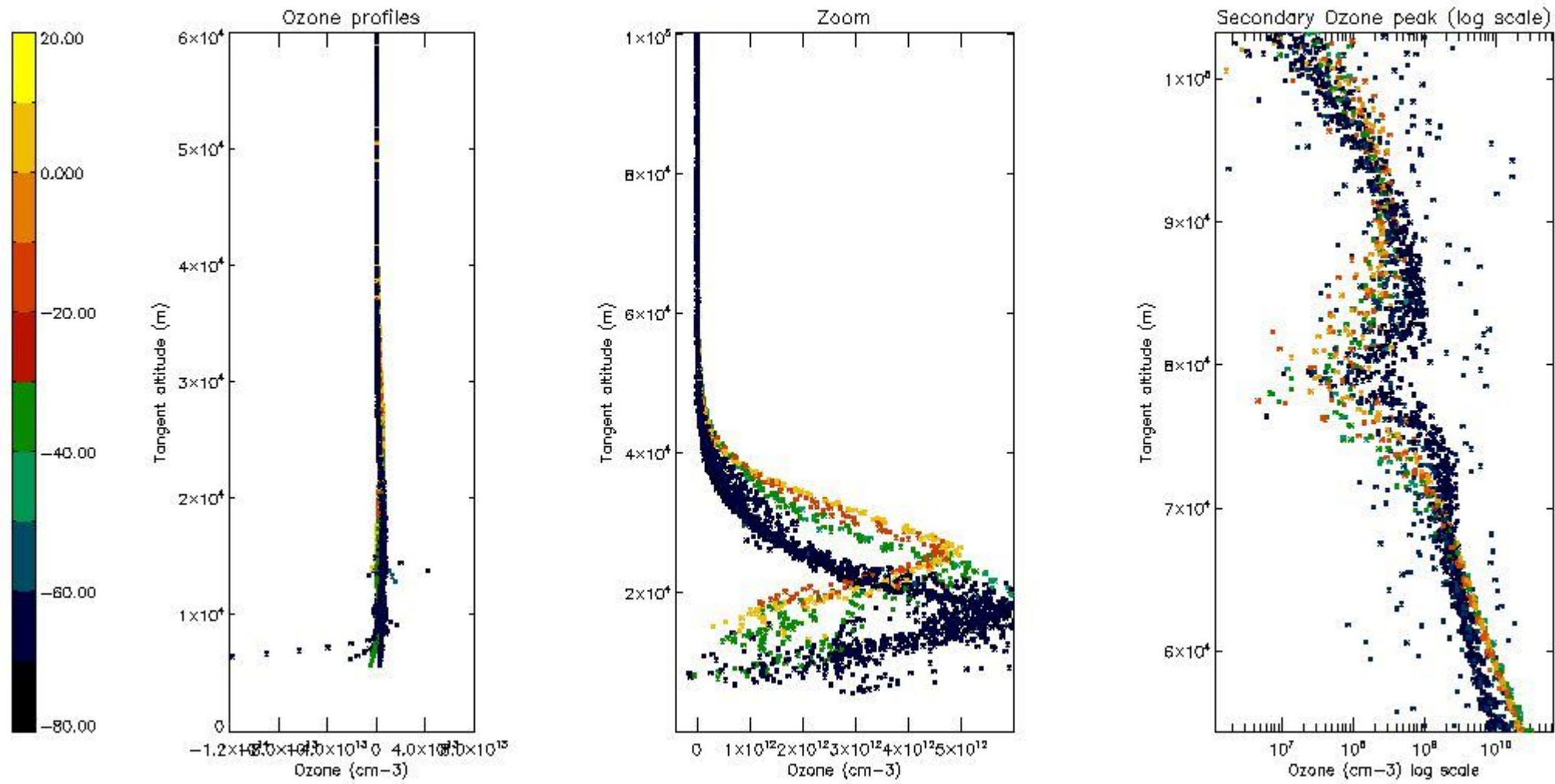
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	19

STD < 10	17
STD < 5	13

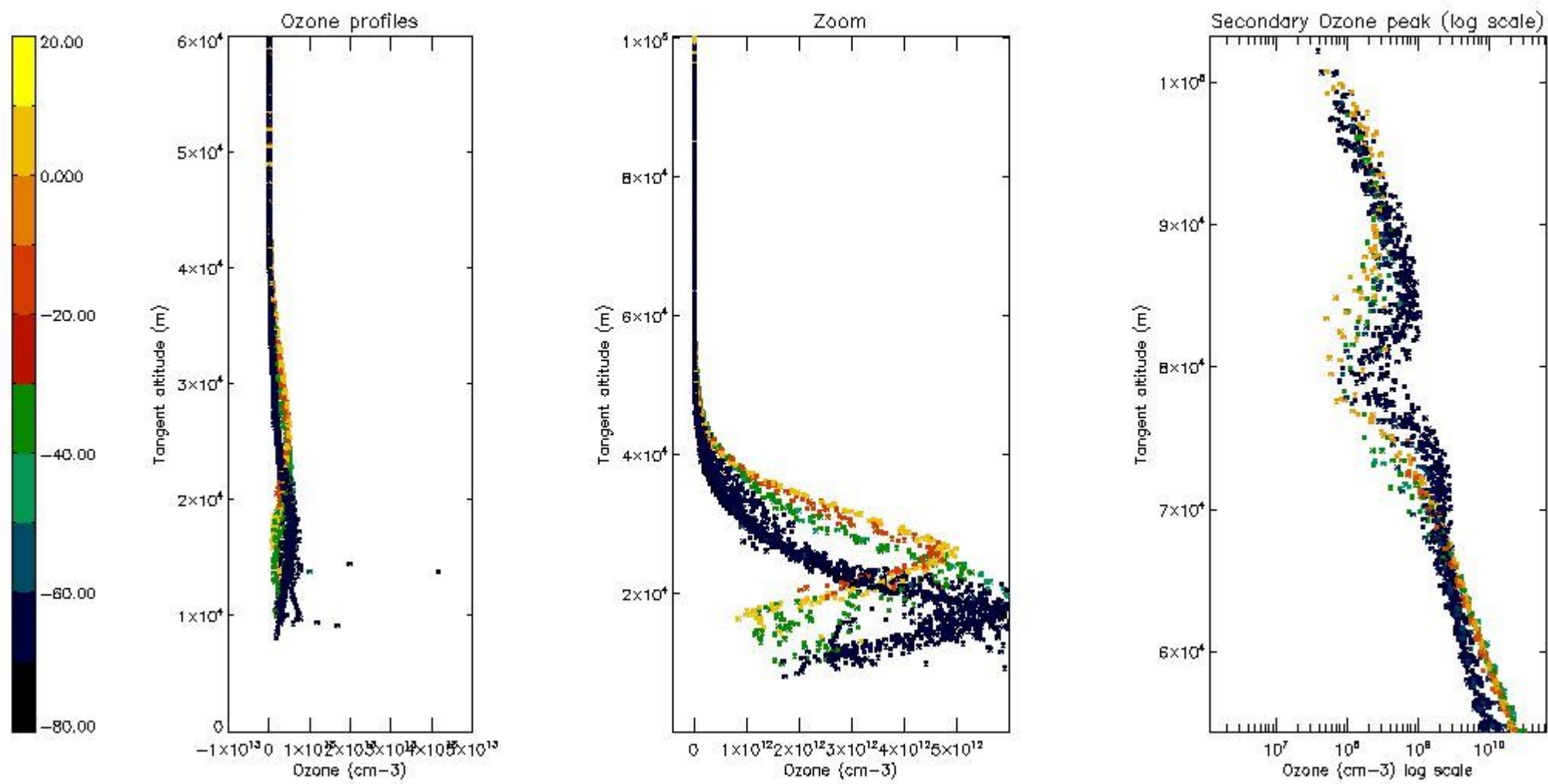
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



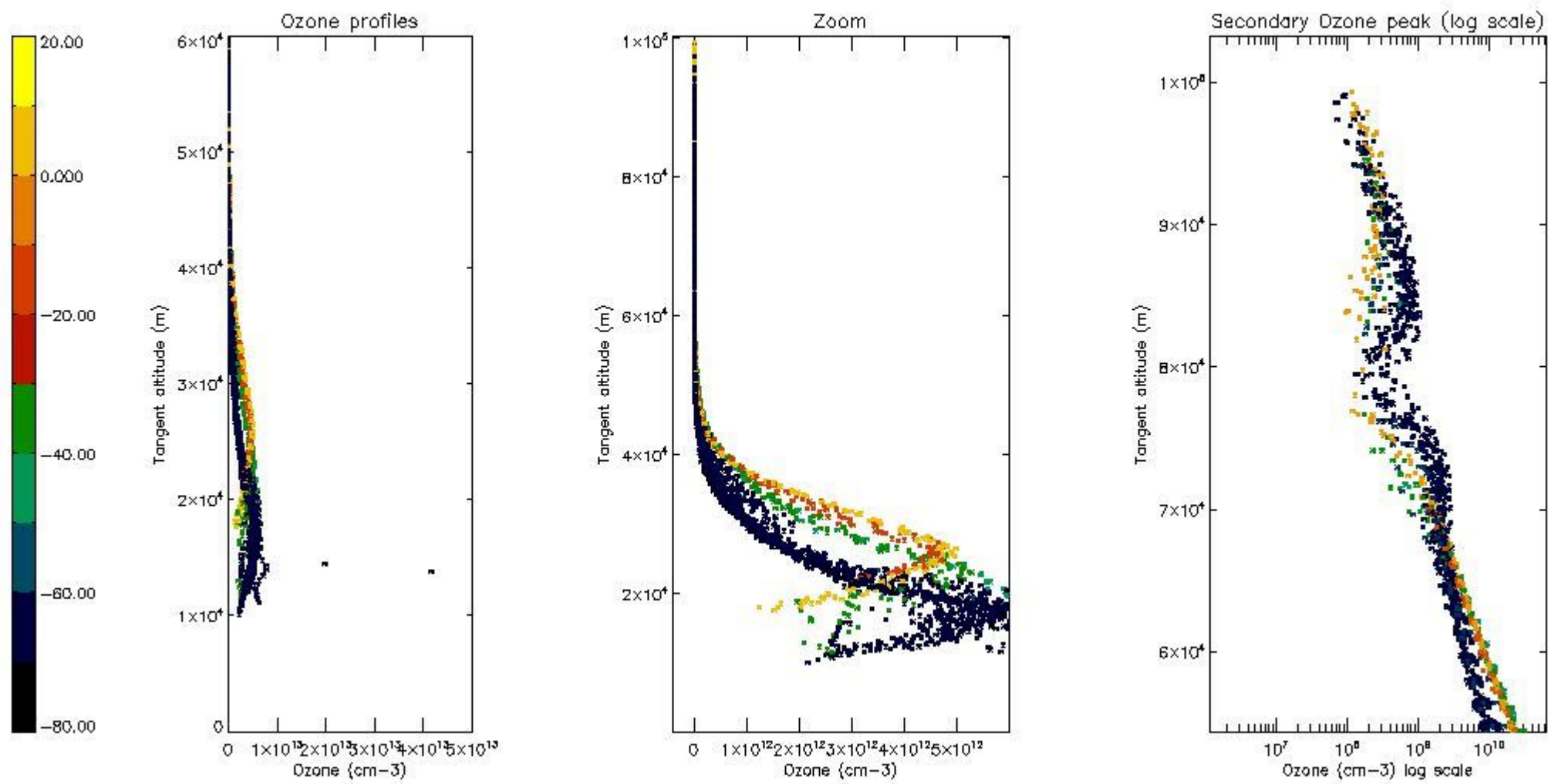
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



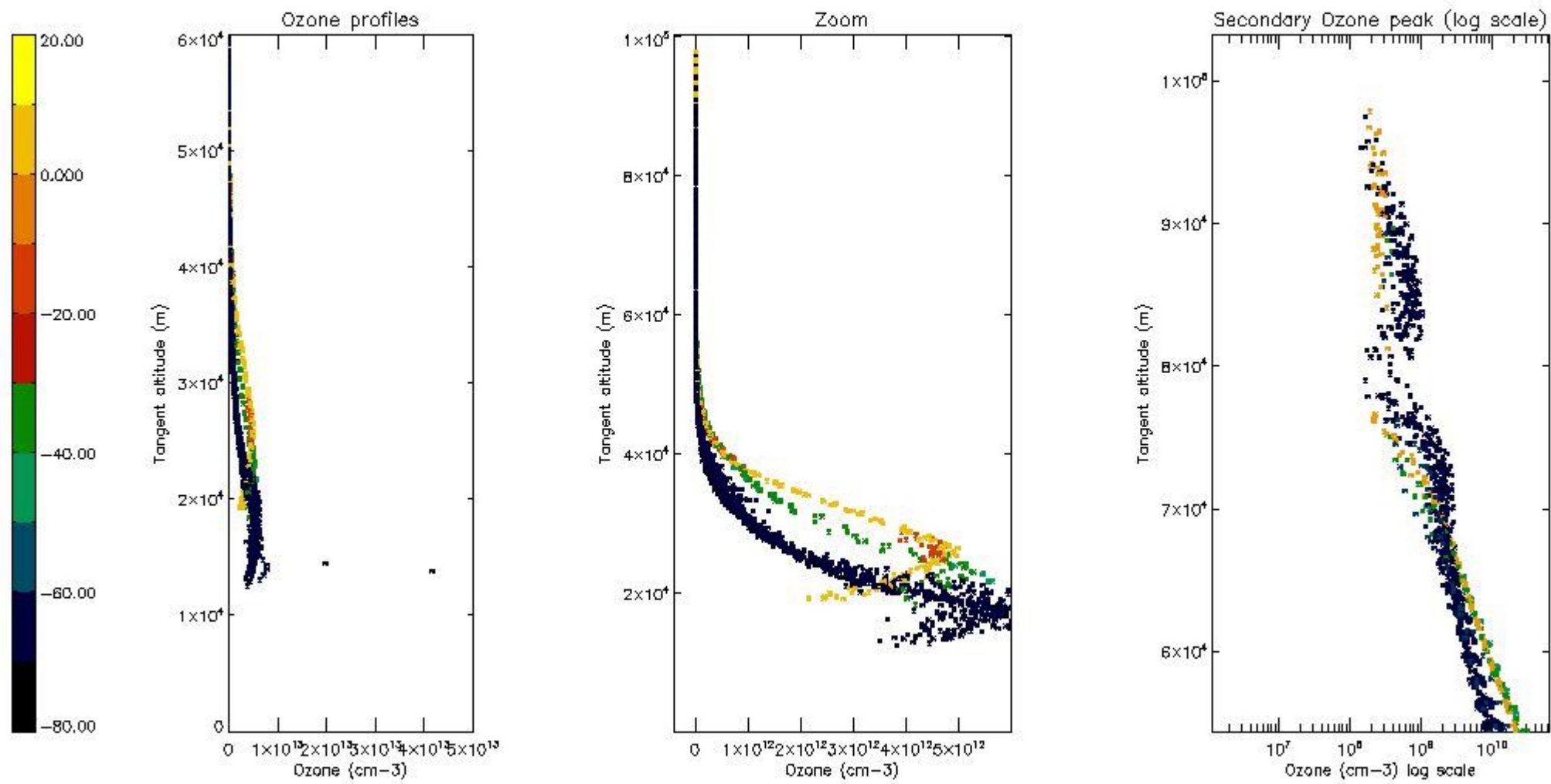
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



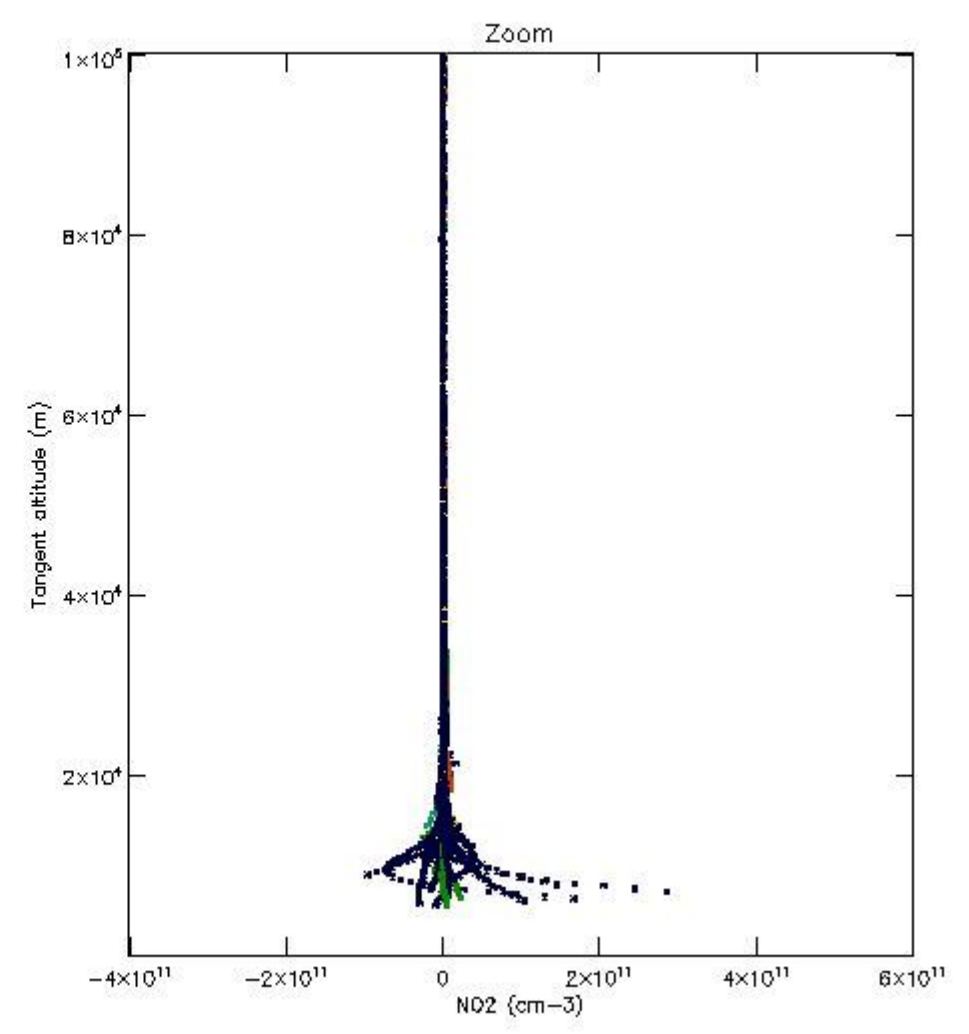
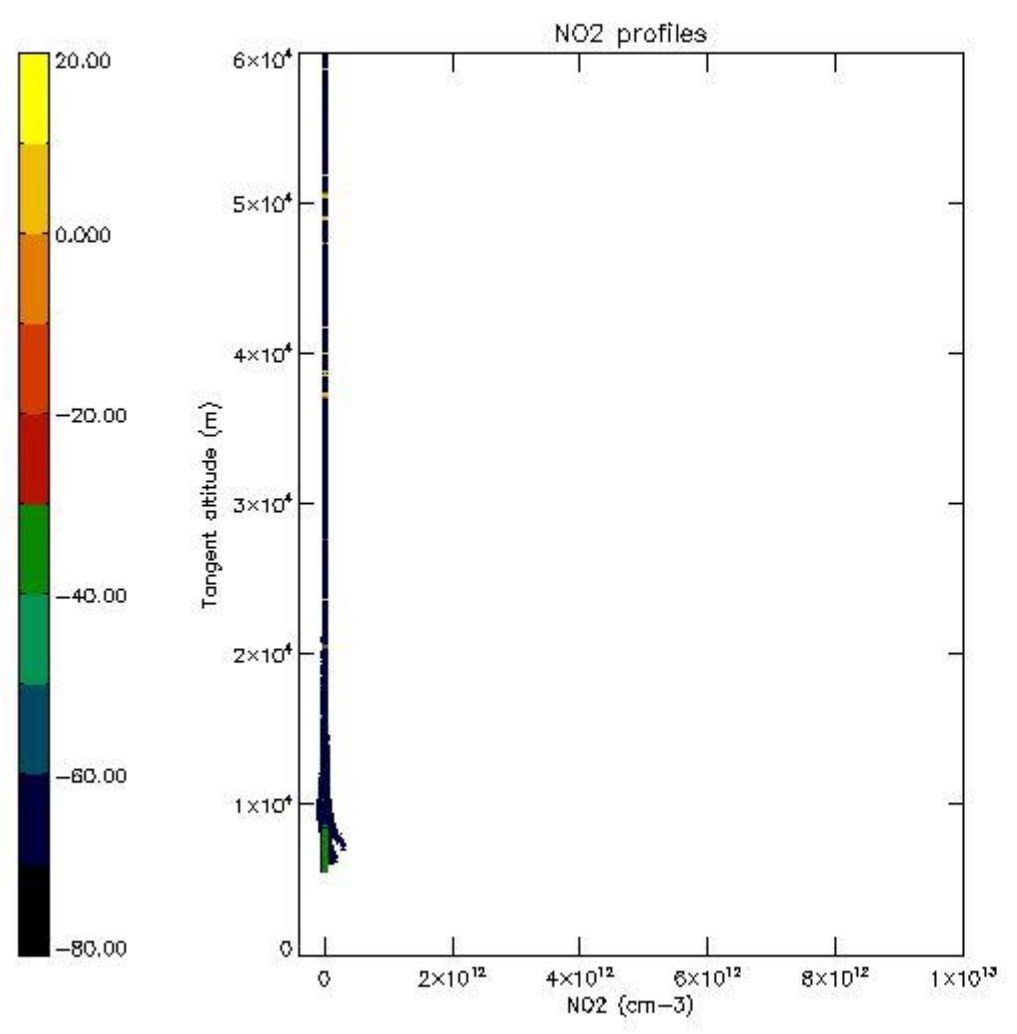
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



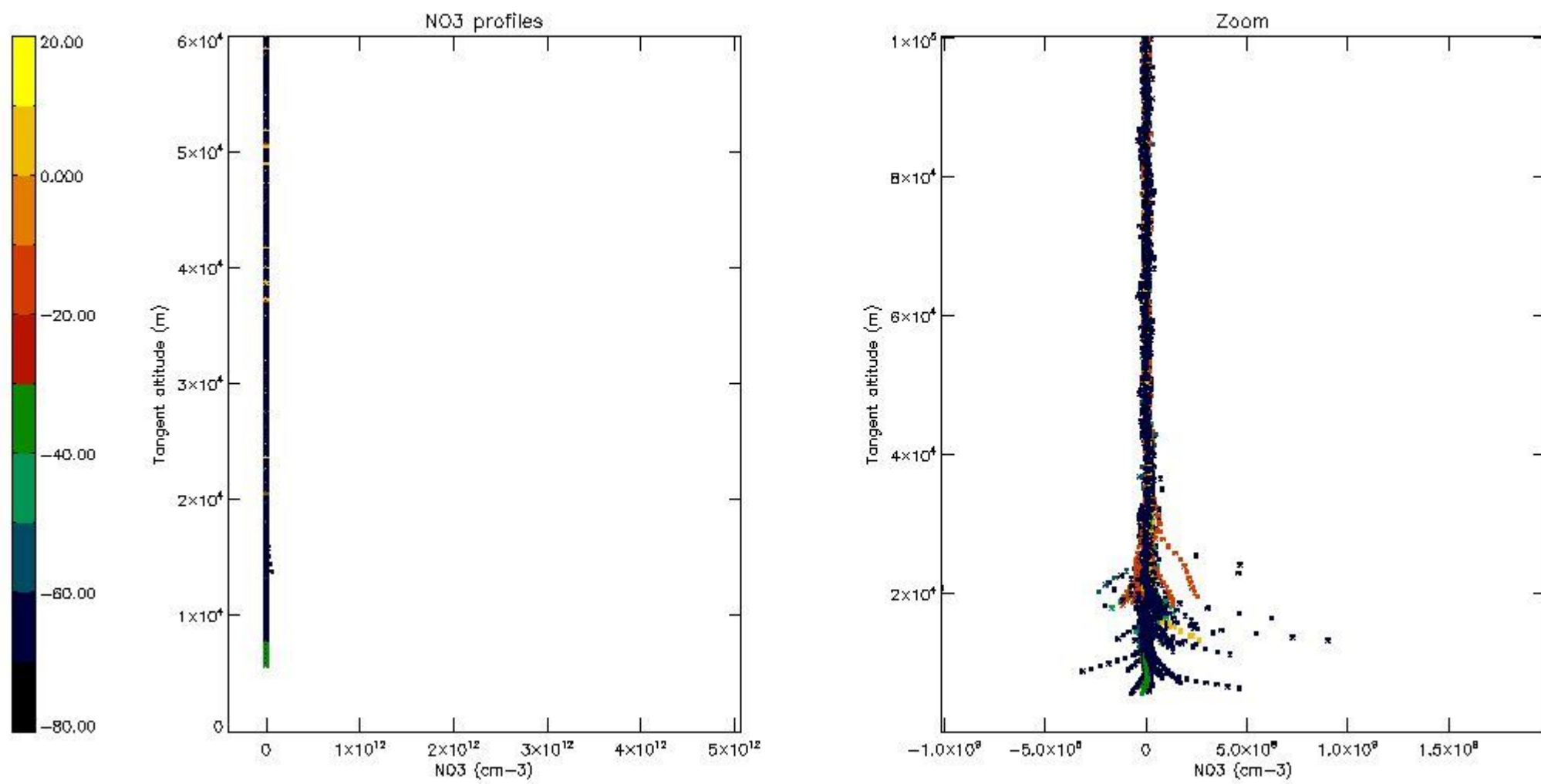
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



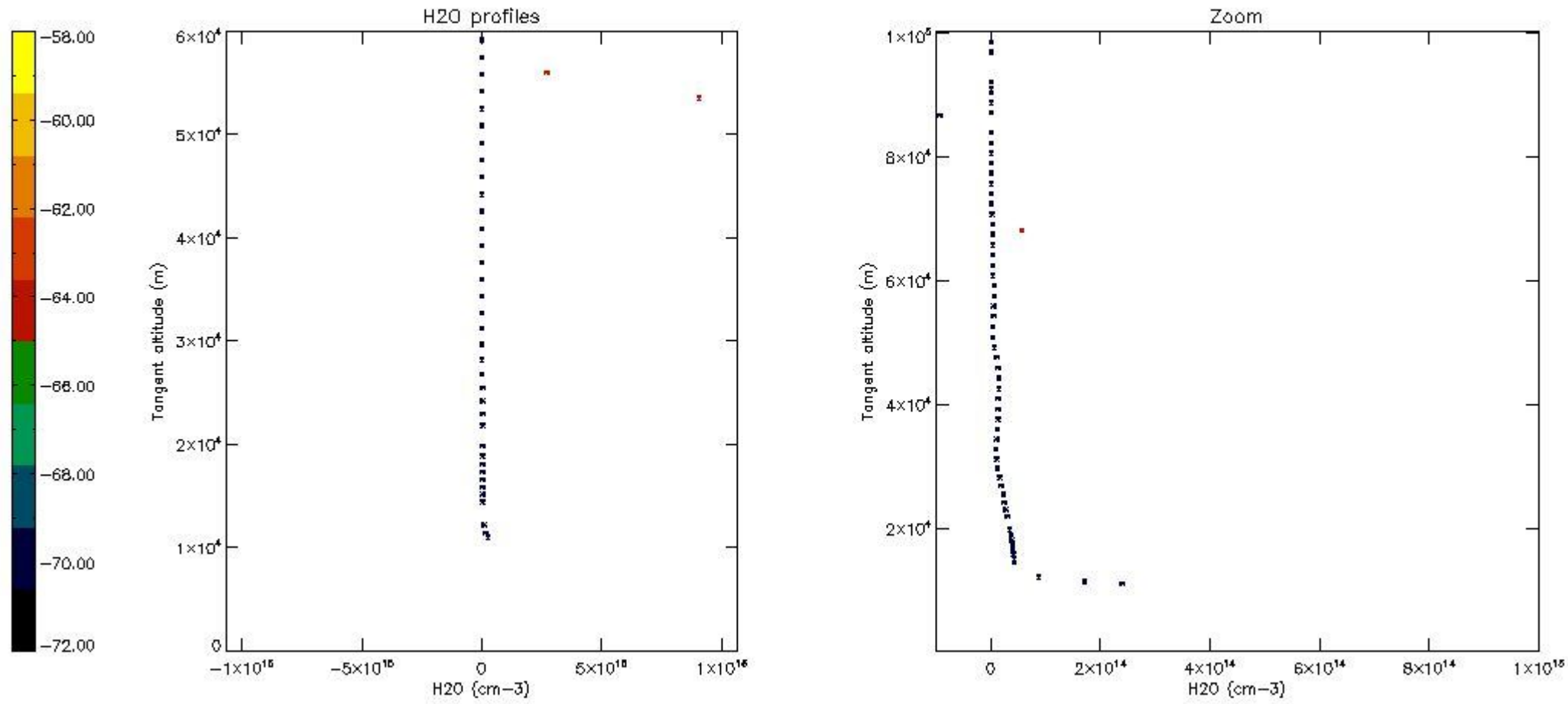
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

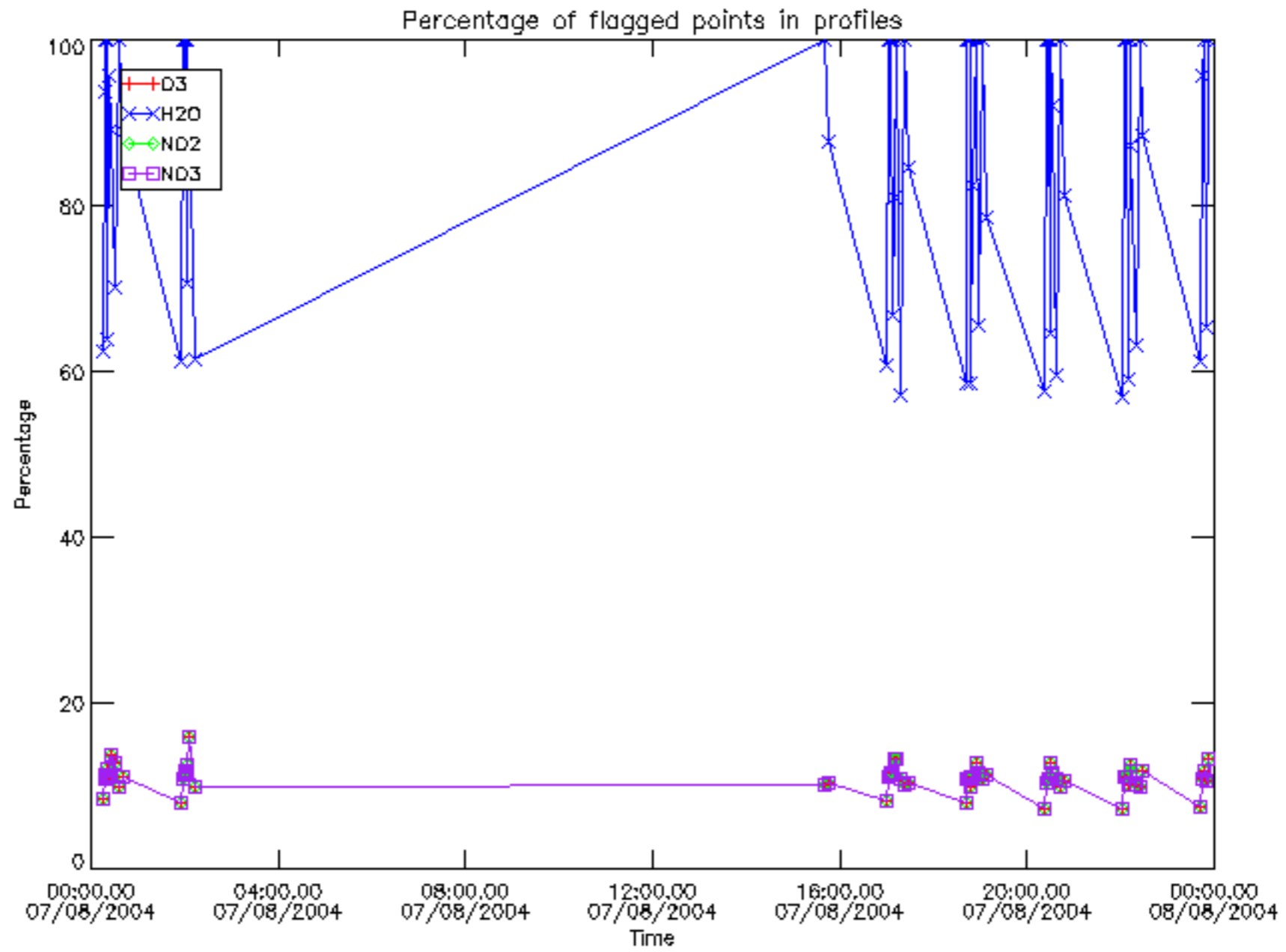
The colorbar represents the latitude.



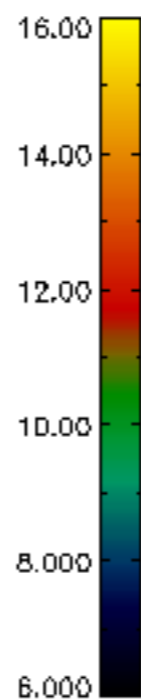
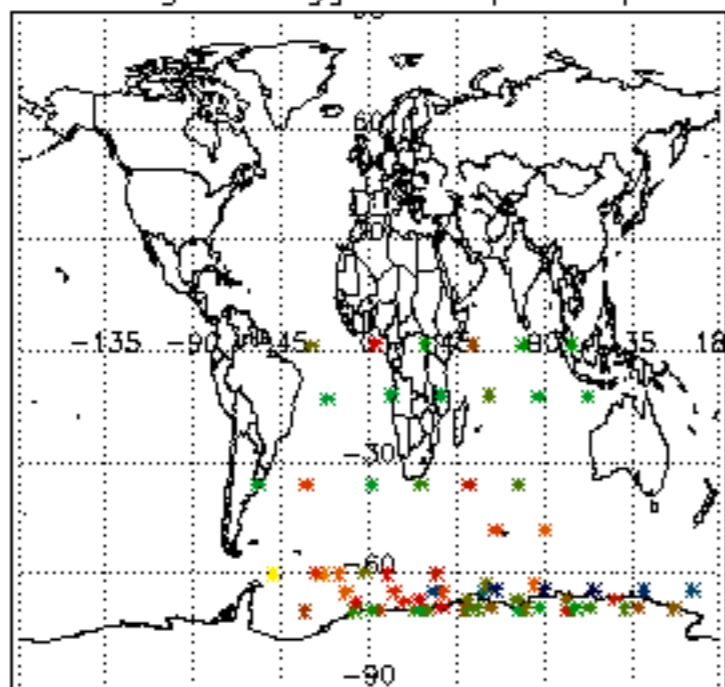
6. Auxiliary Data Files used for the production reported in section 2

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.

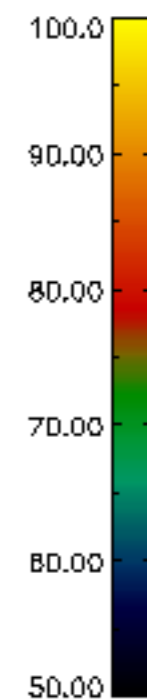
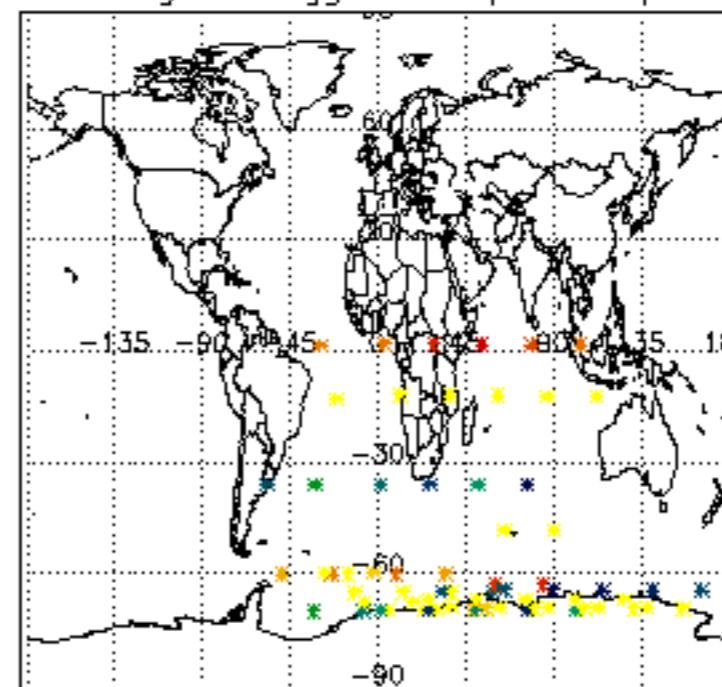
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-AUG-2004 00:00:02
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-AUG-2004 00:00:02
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-AUG-2004 00:00:02



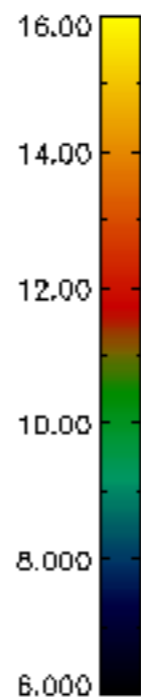
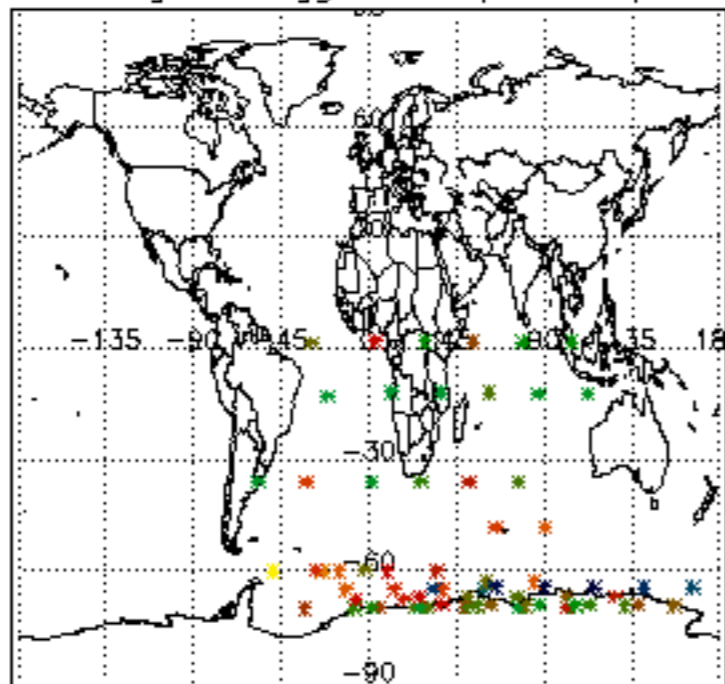
Percentage of flagged data per D3 profile



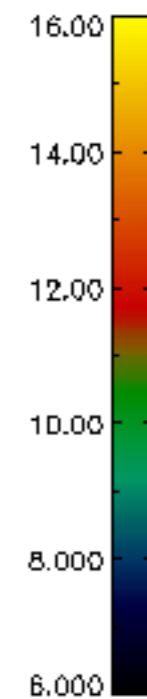
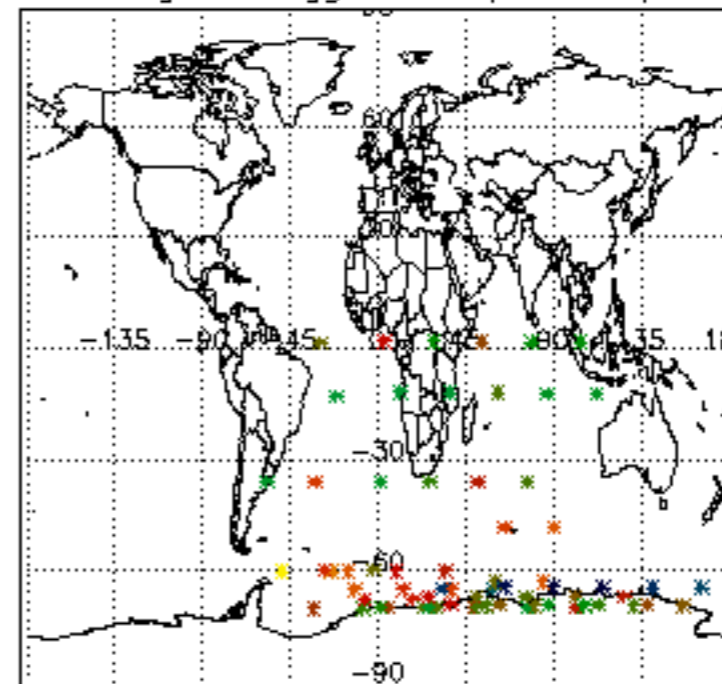
Percentage of flagged data per H2O profile

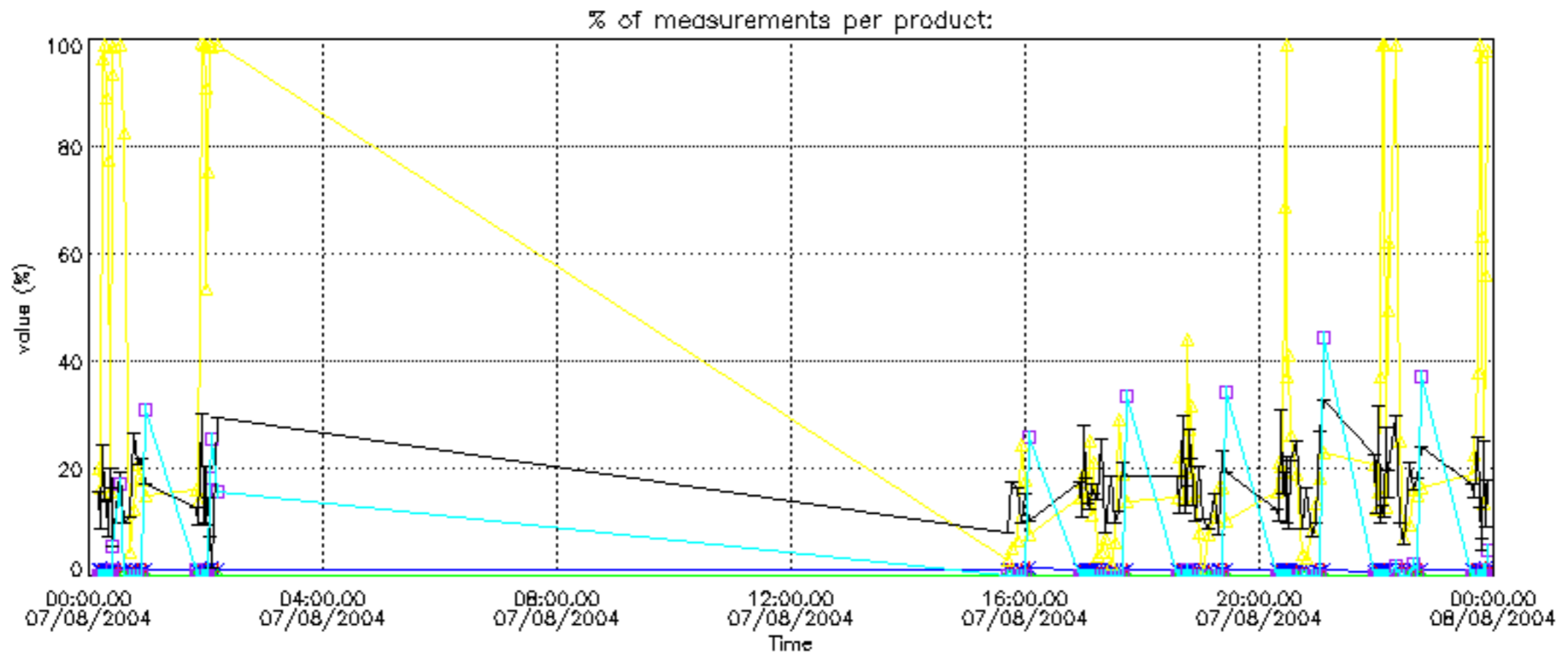


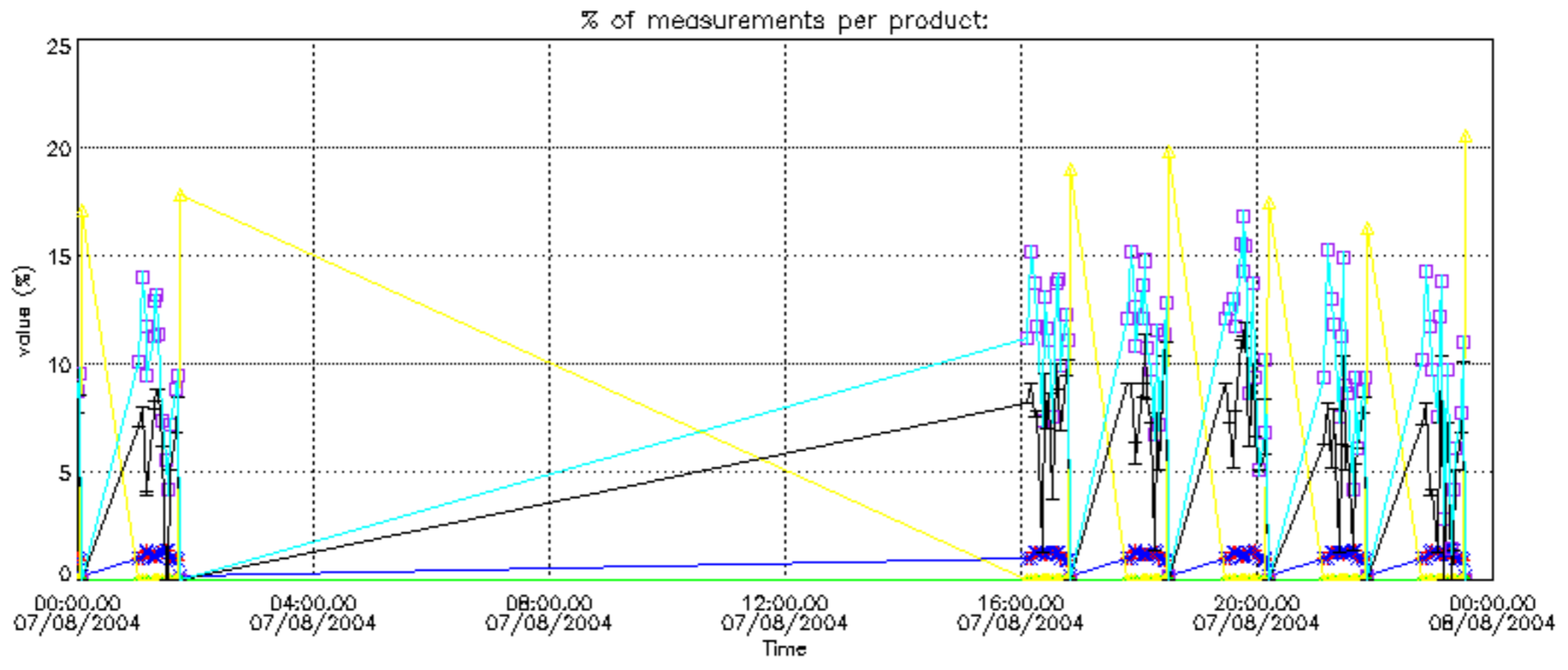
Percentage of flagged data per NO2 profile



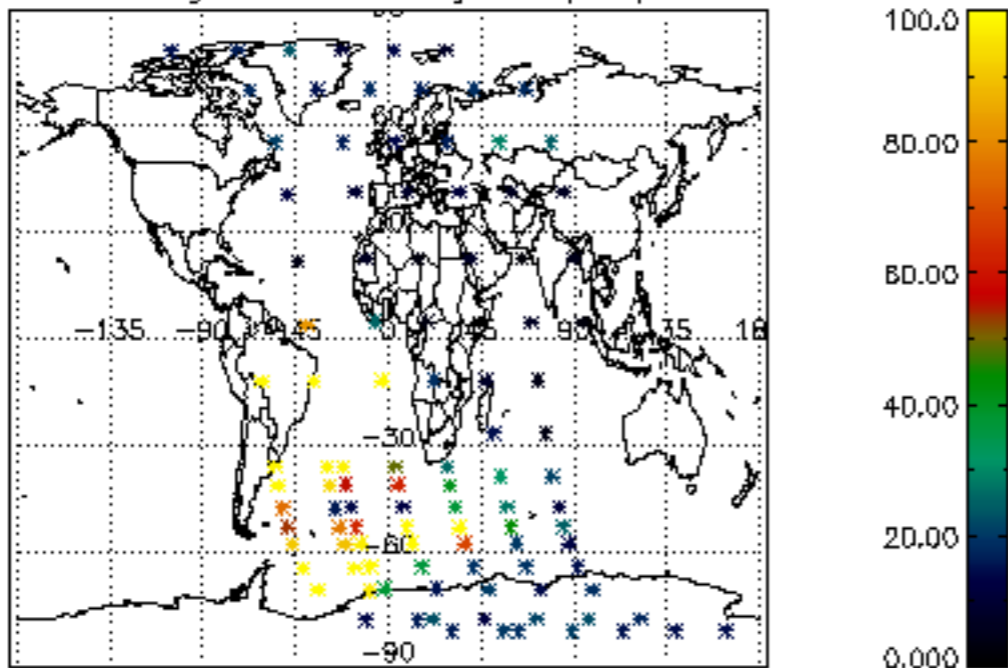
Percentage of flagged data per NO3 profile



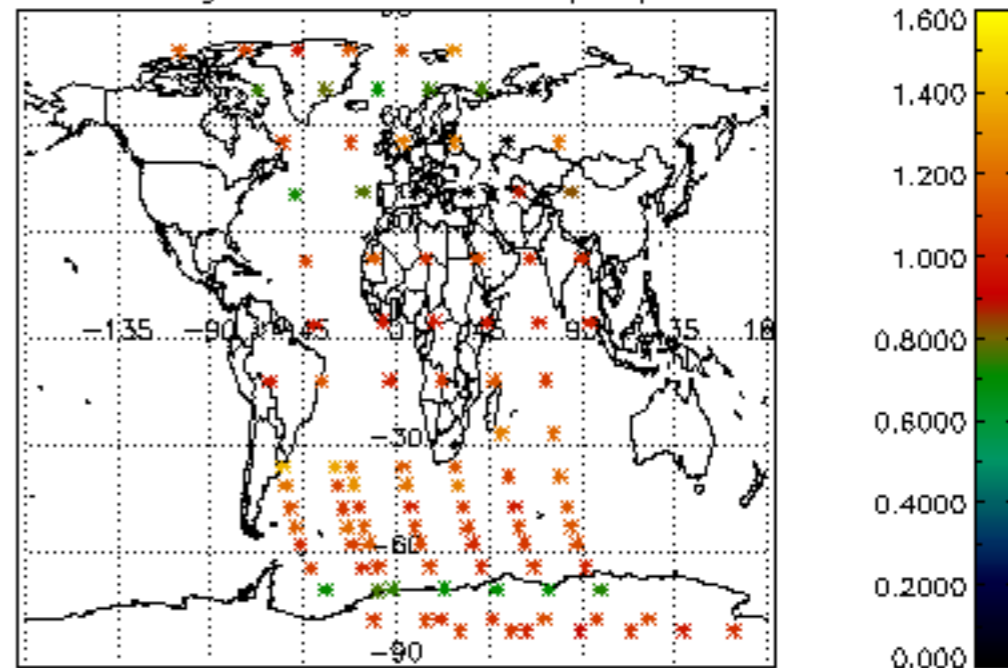




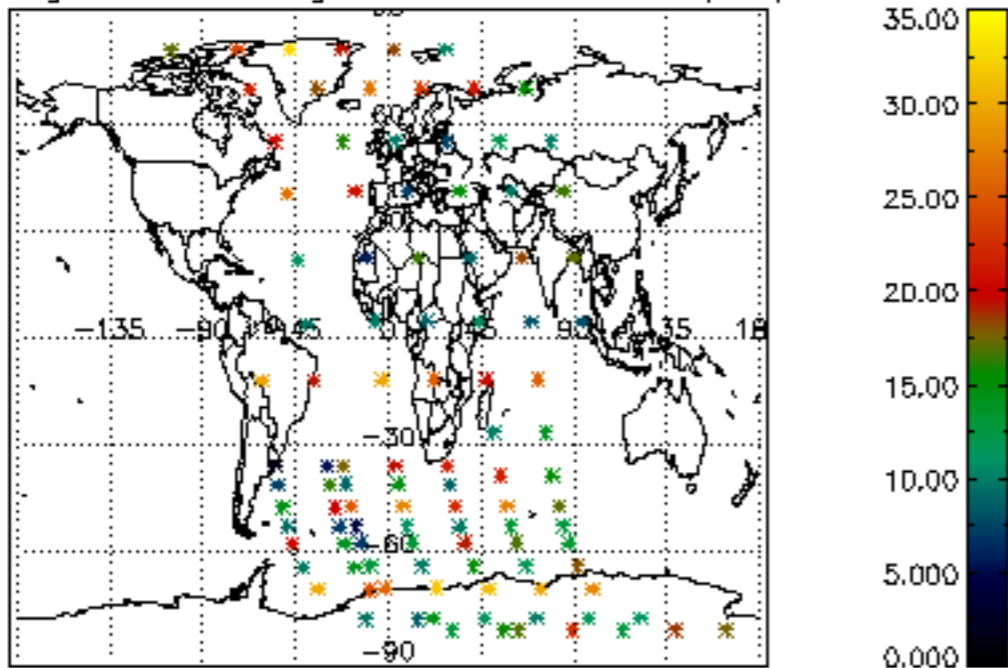
Percentage of cosmic ray hits per profile



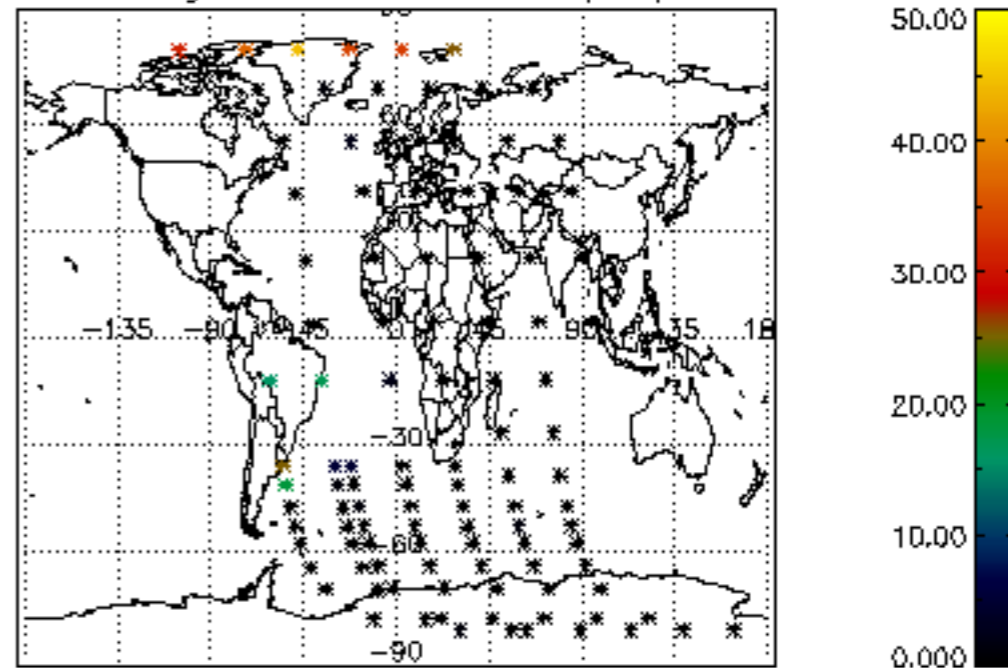
Percentage of datation errors per profile



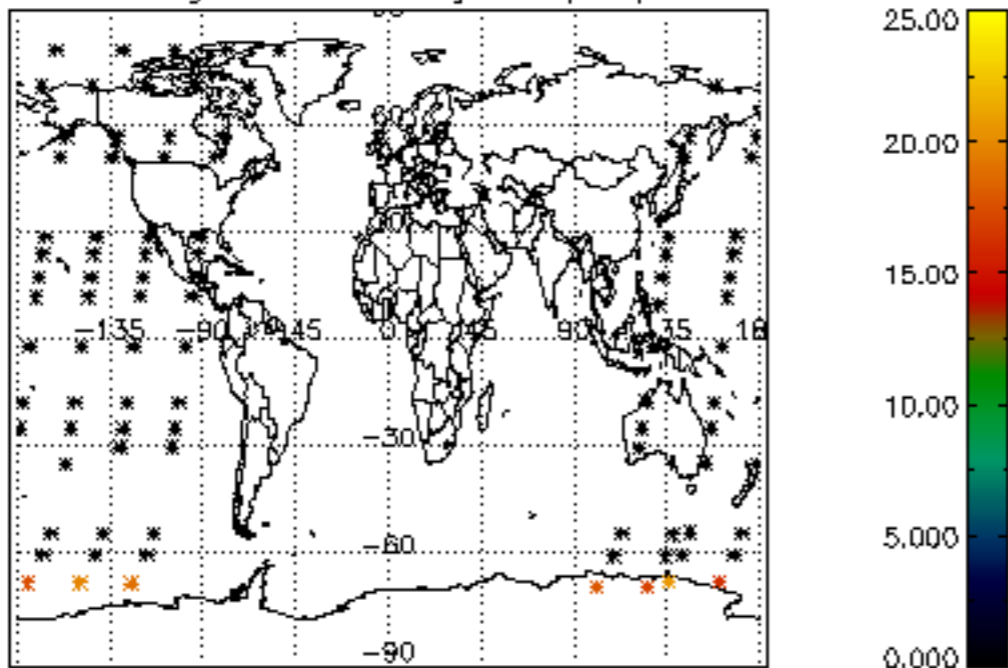
Percentage of star falling outside central band per profile



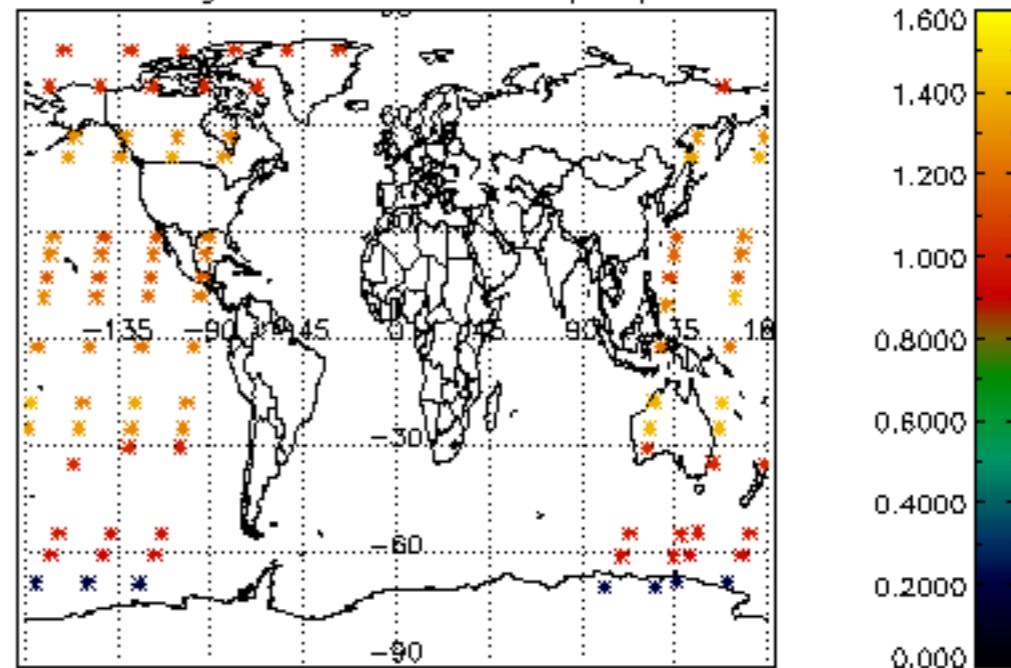
Percentage of saturation errors per profile



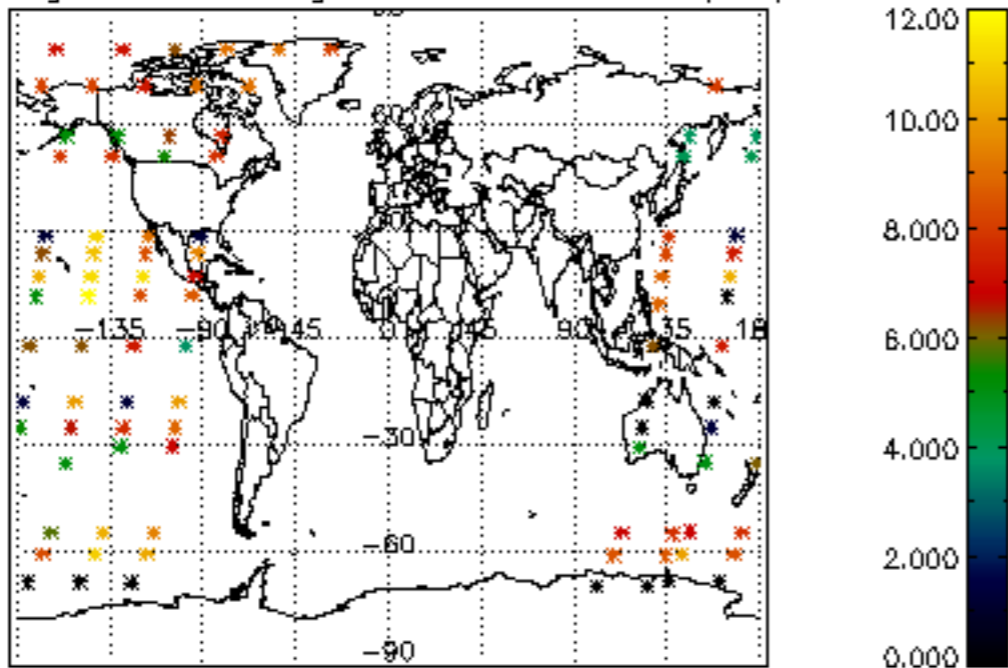
Percentage of cosmic ray hits per profile



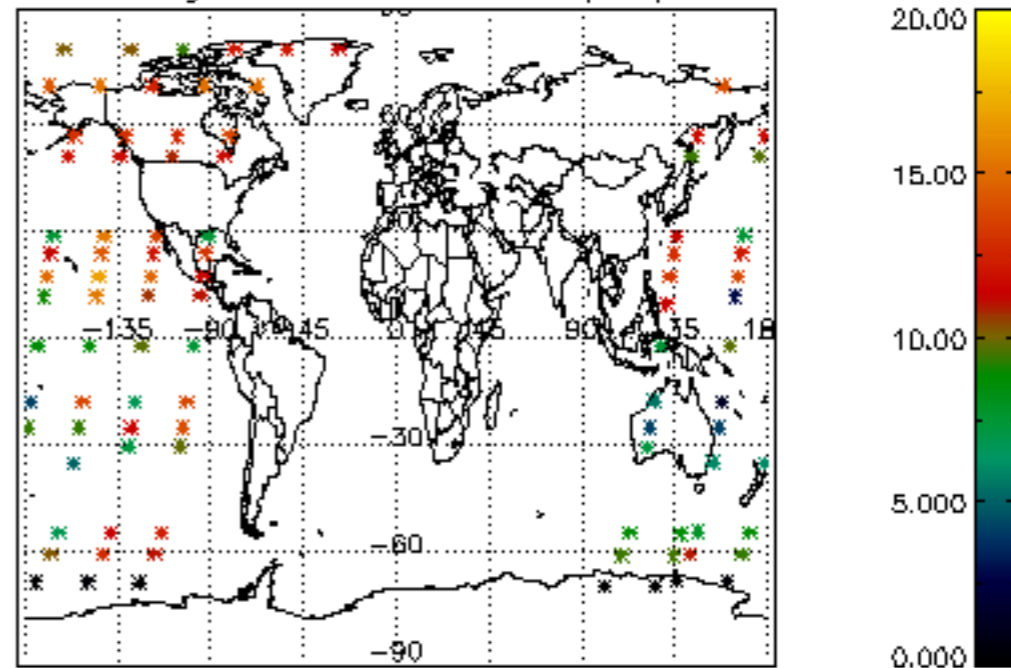
Percentage of datation errors per profile

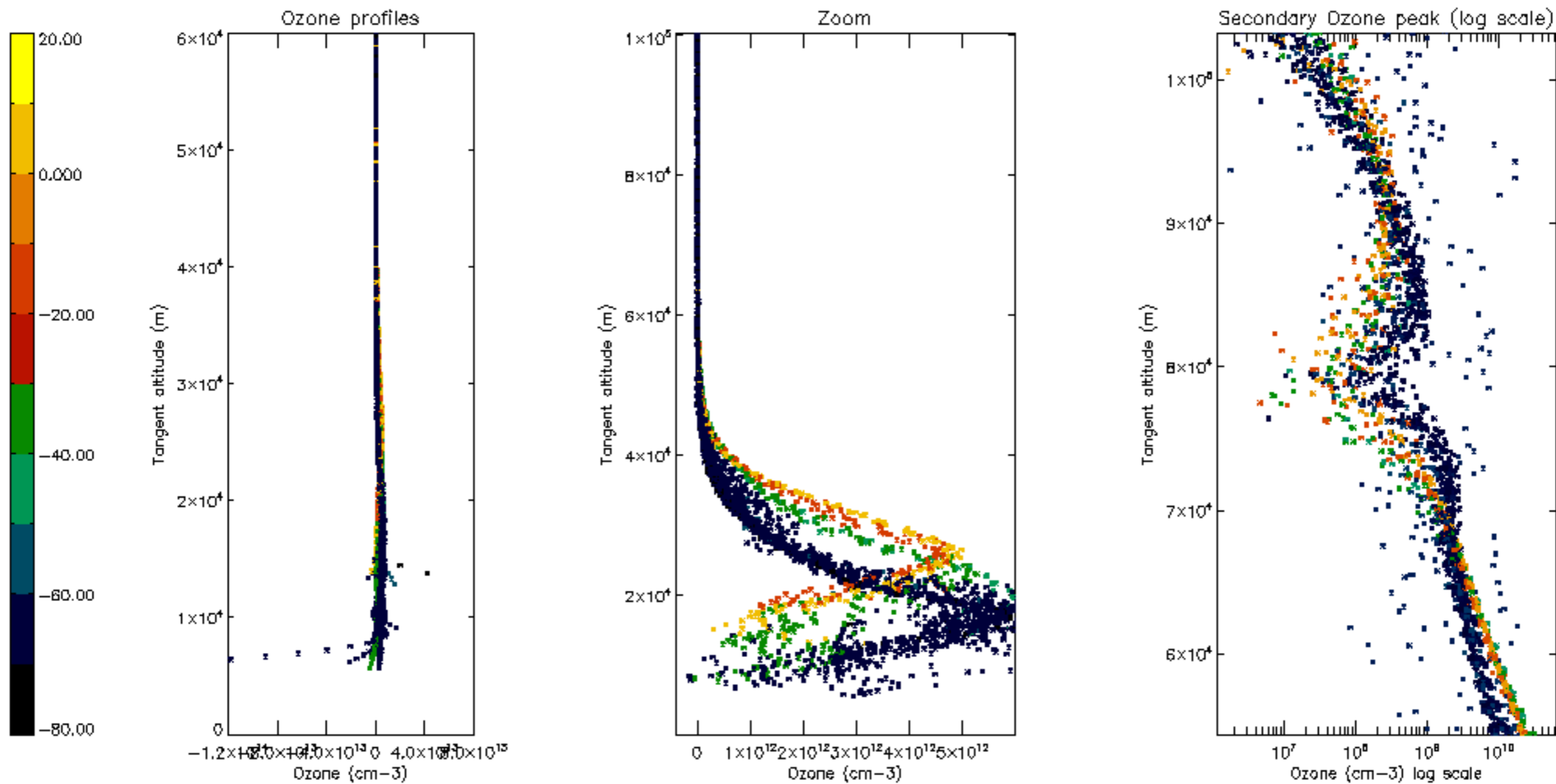


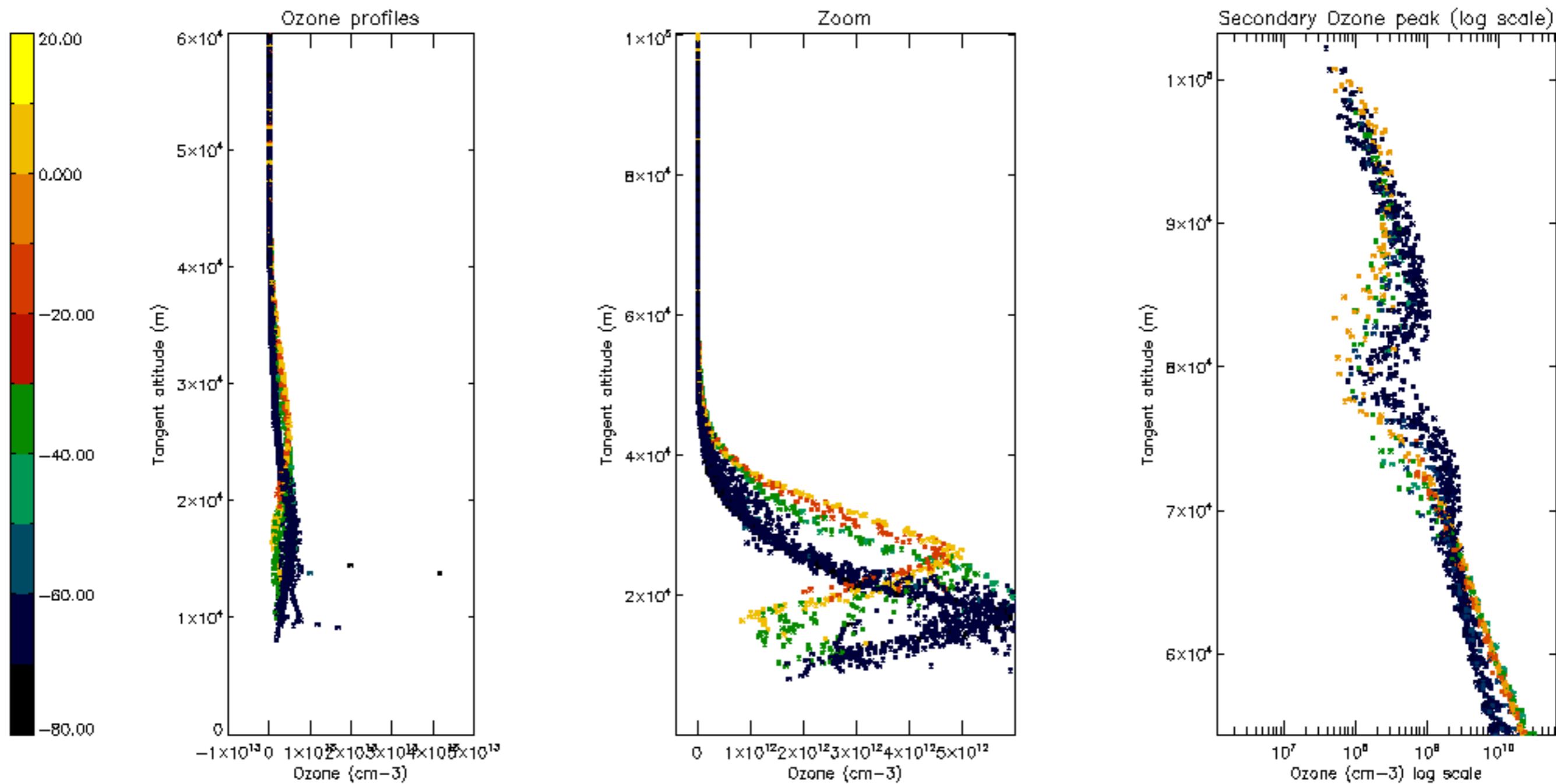
Percentage of star falling outside central band per profile

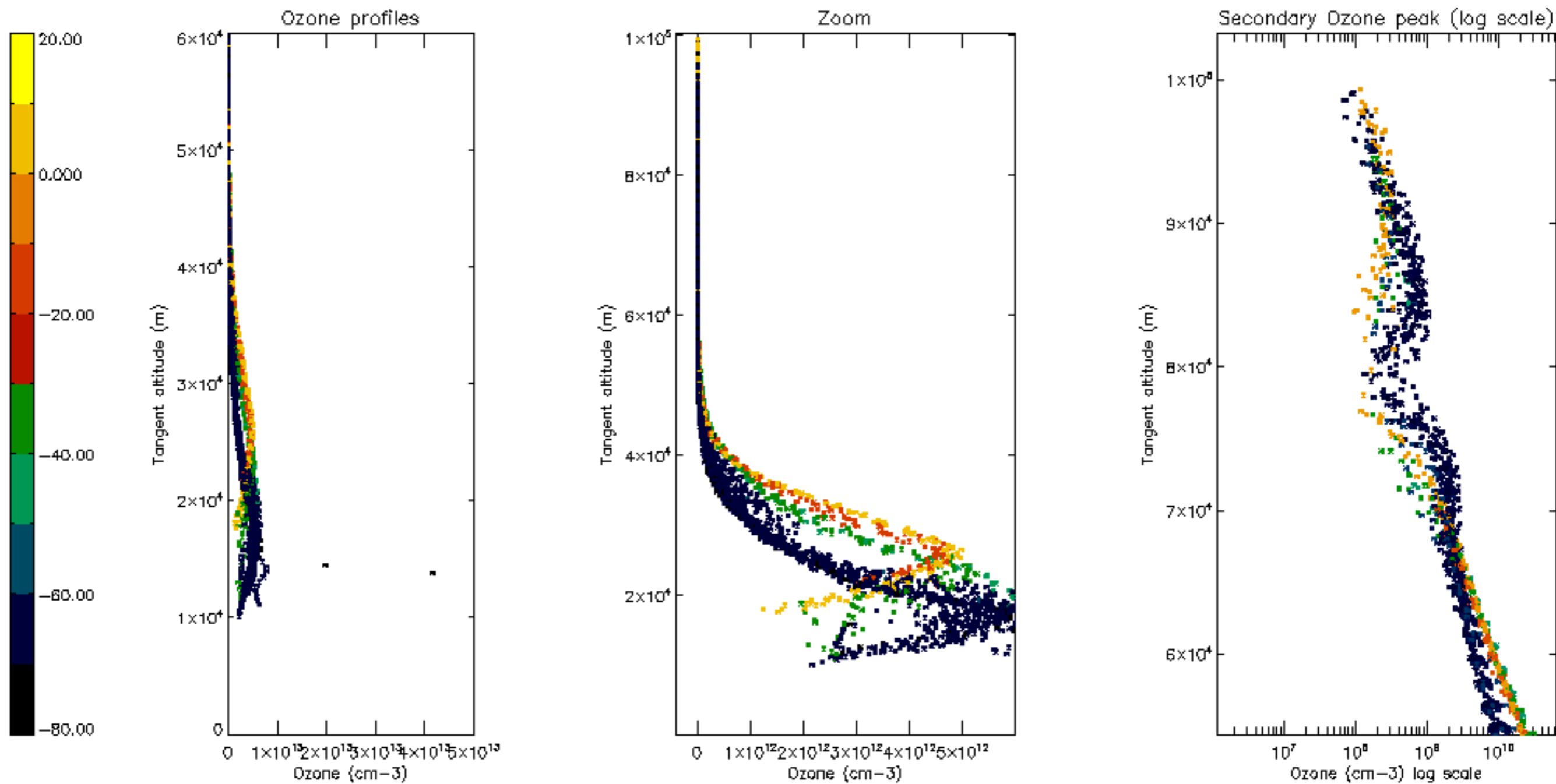


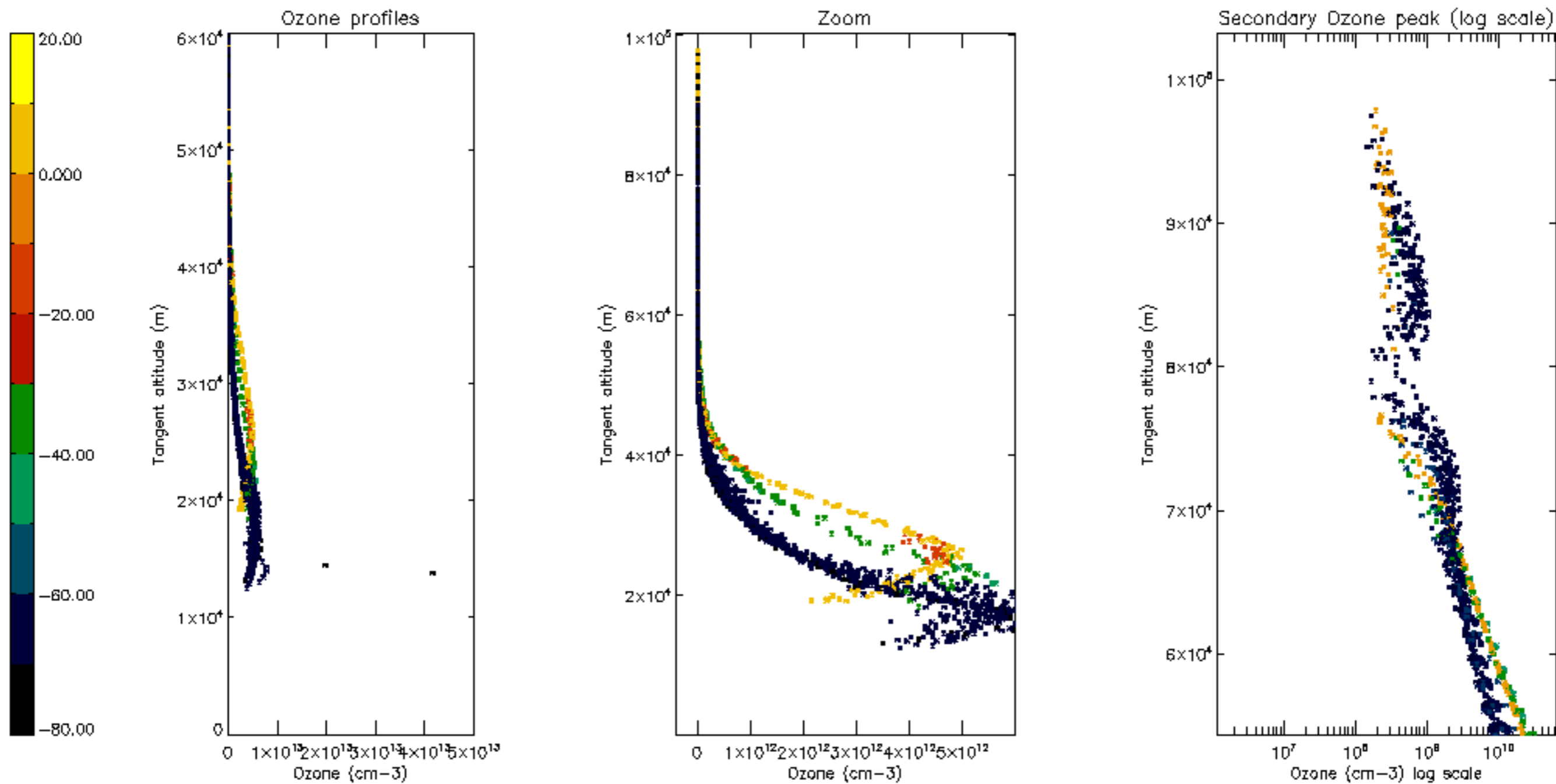
Percentage of saturation errors per profile

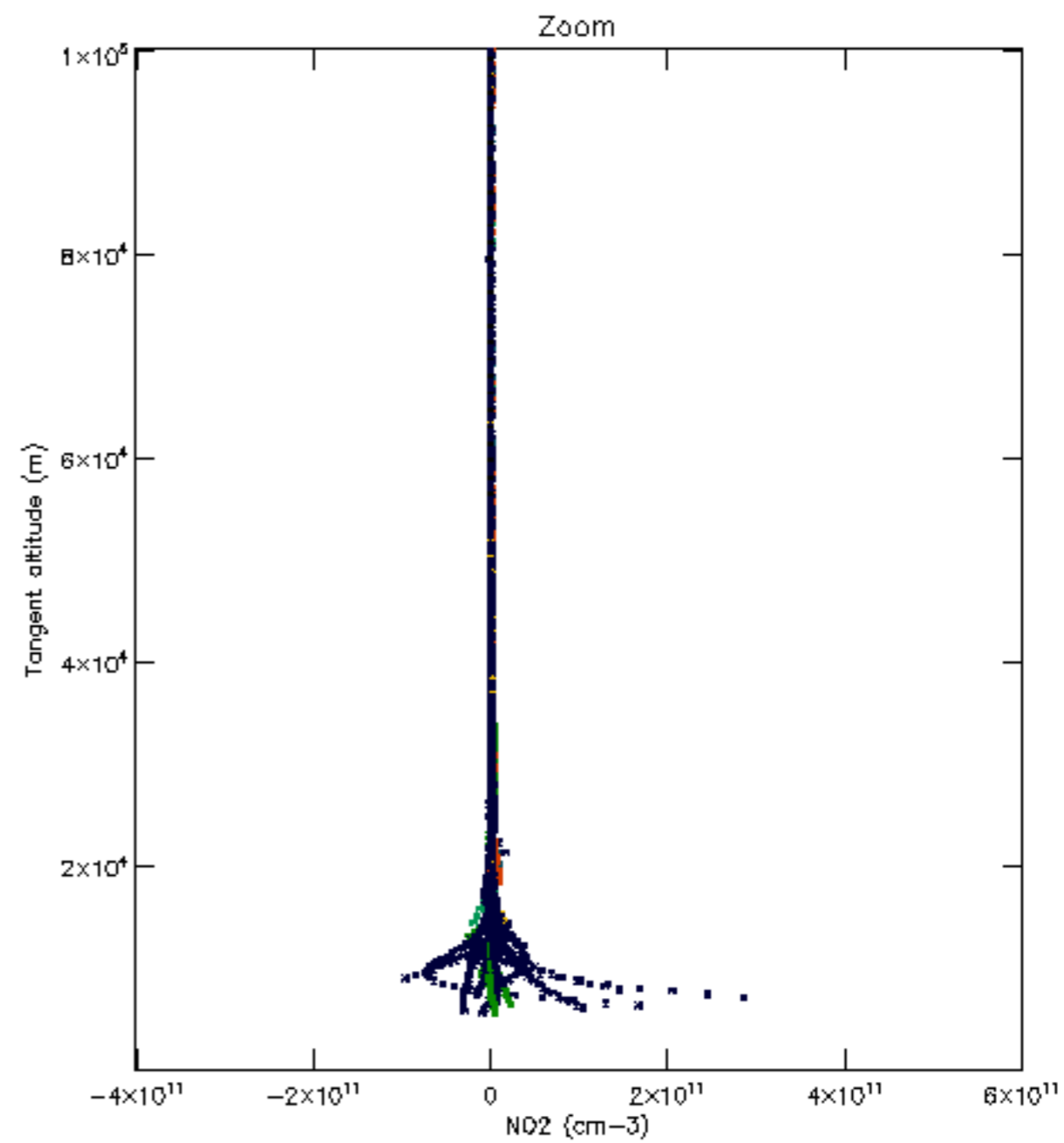
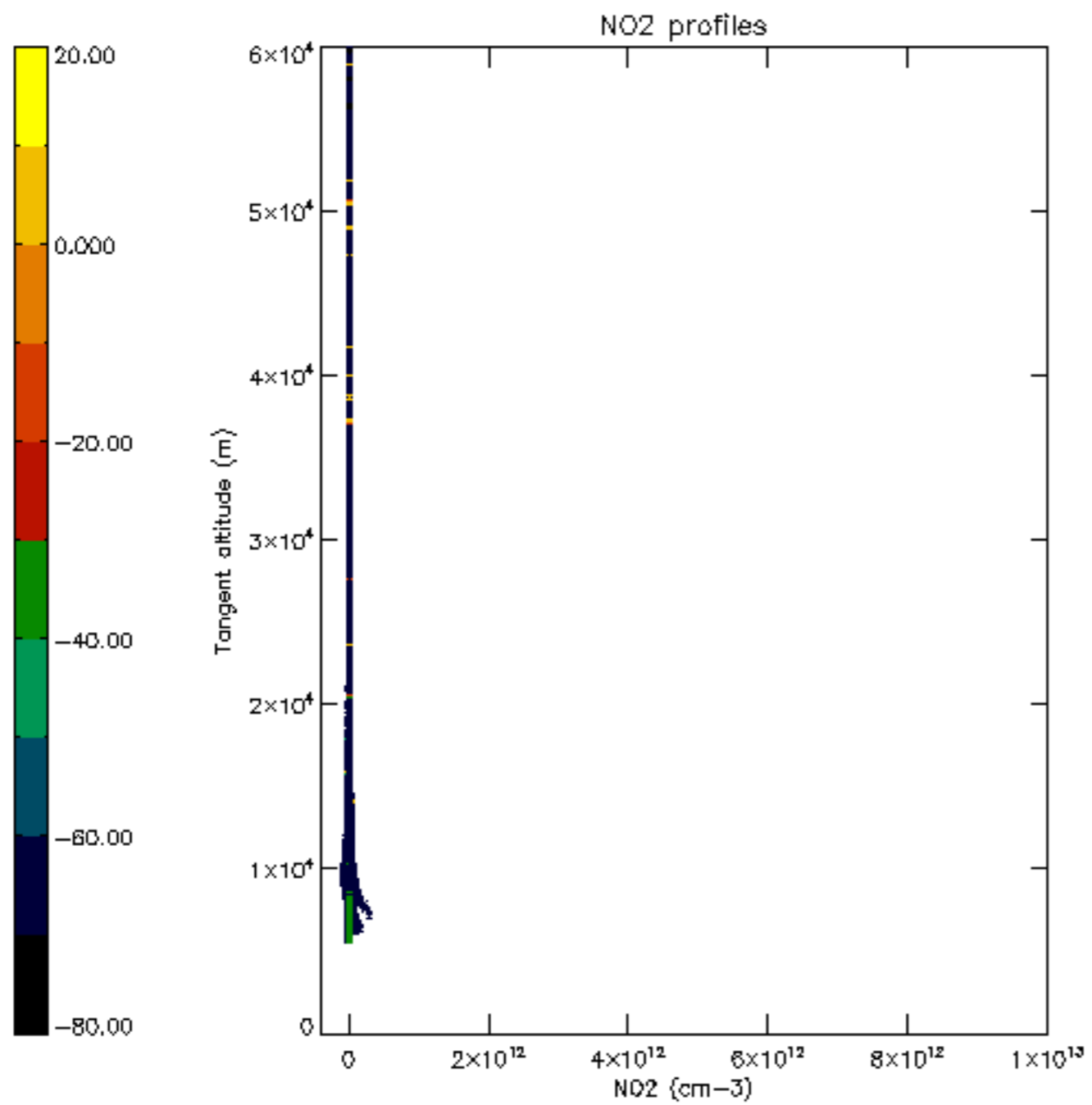


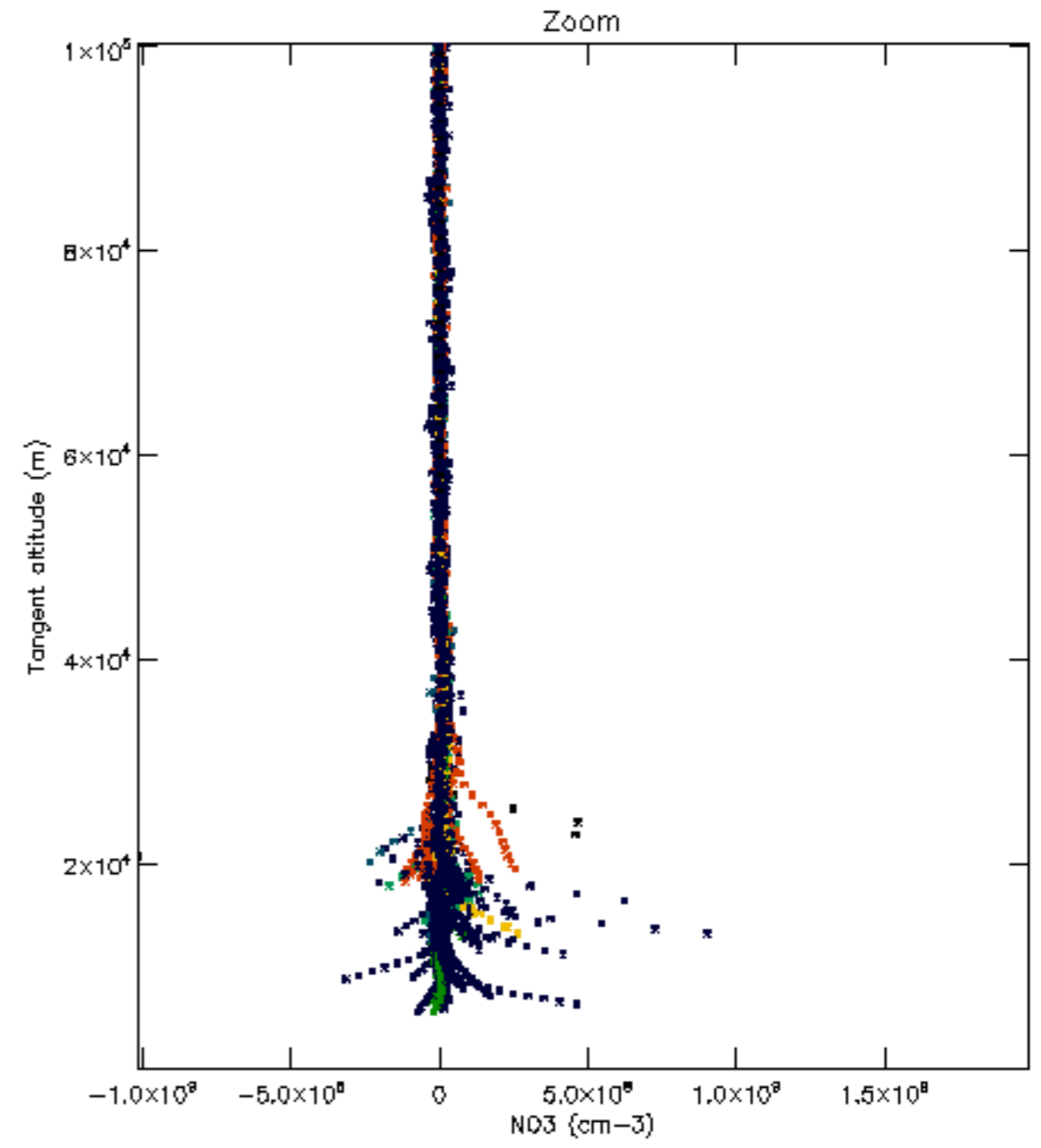
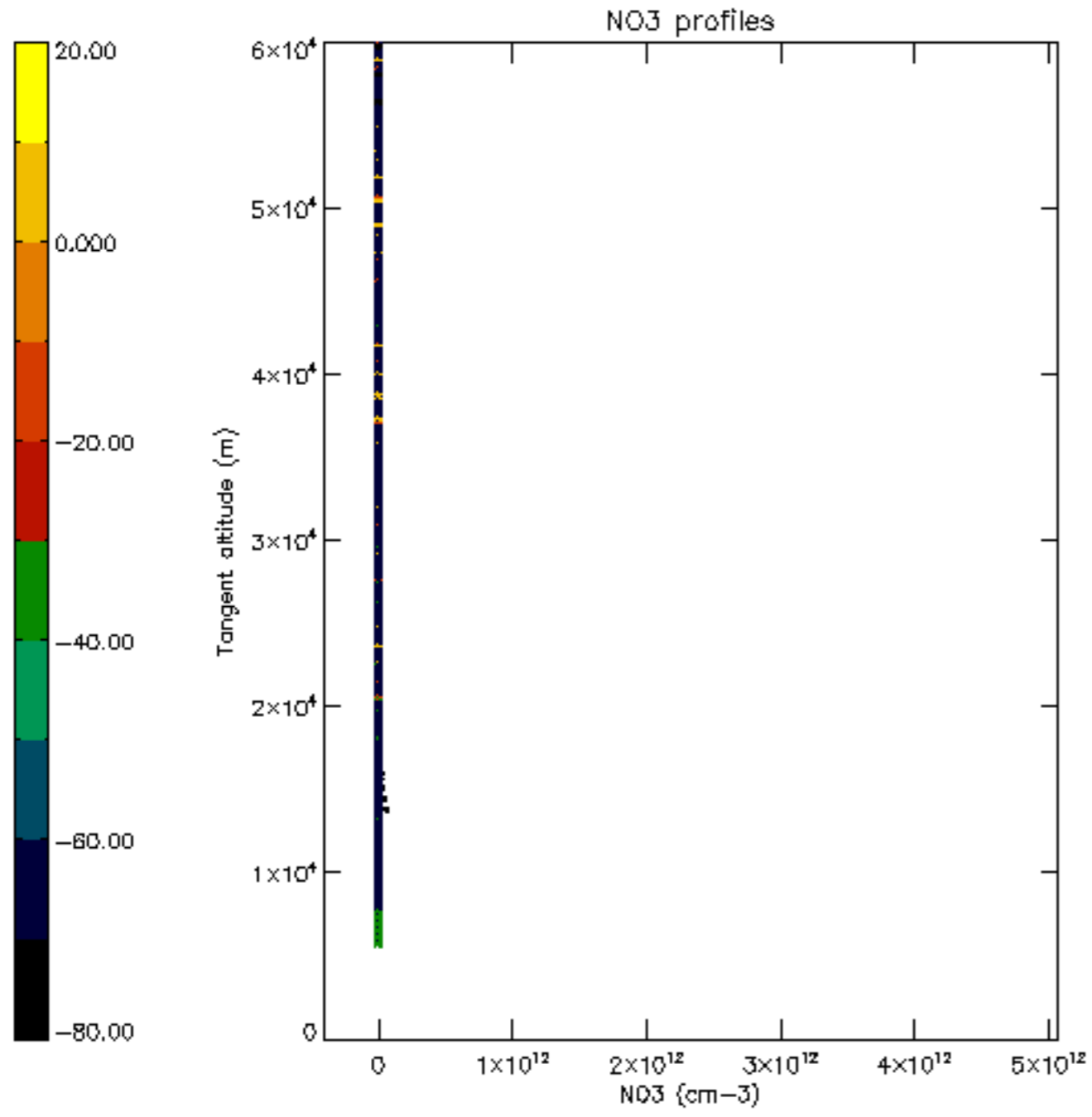


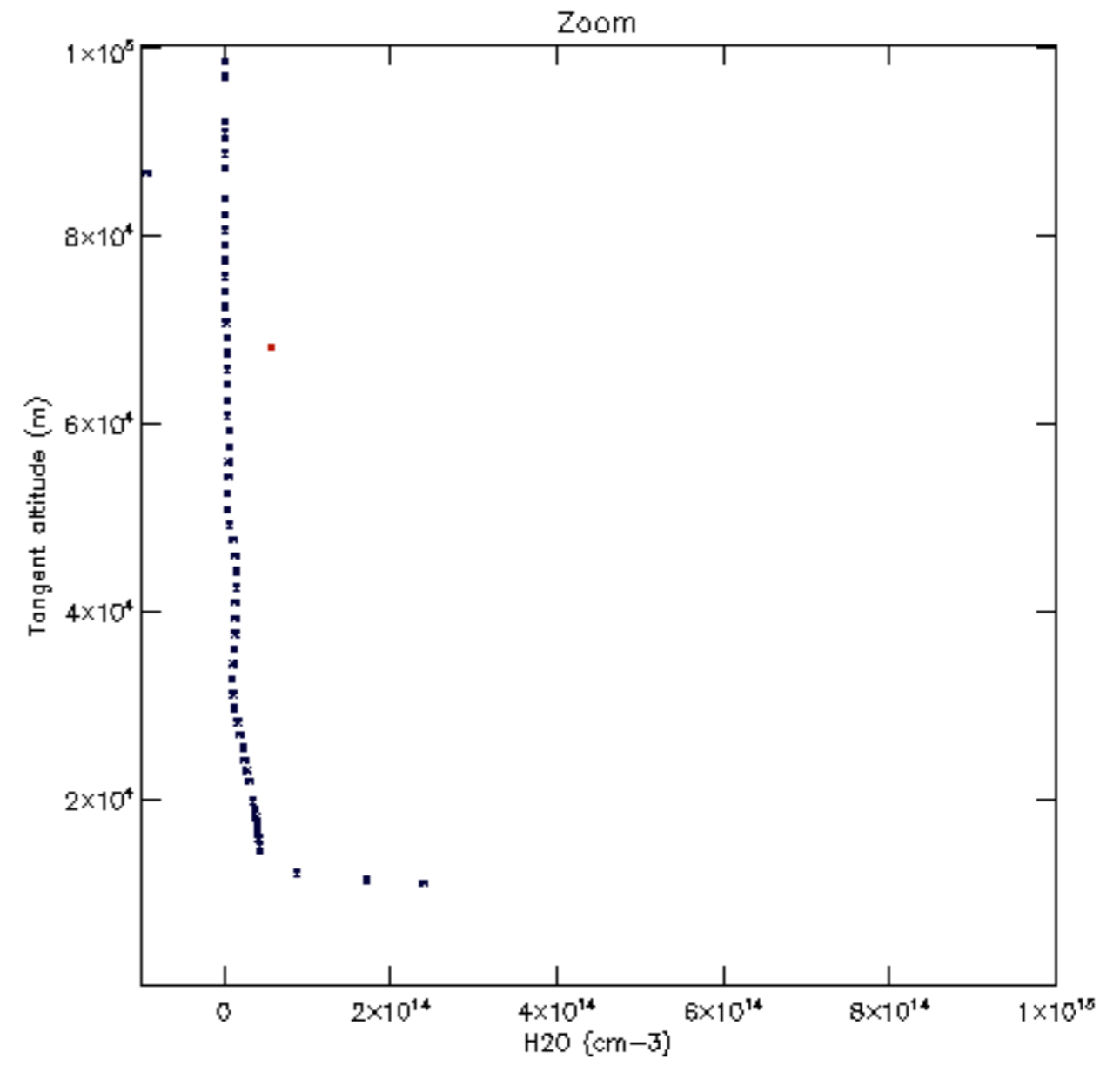
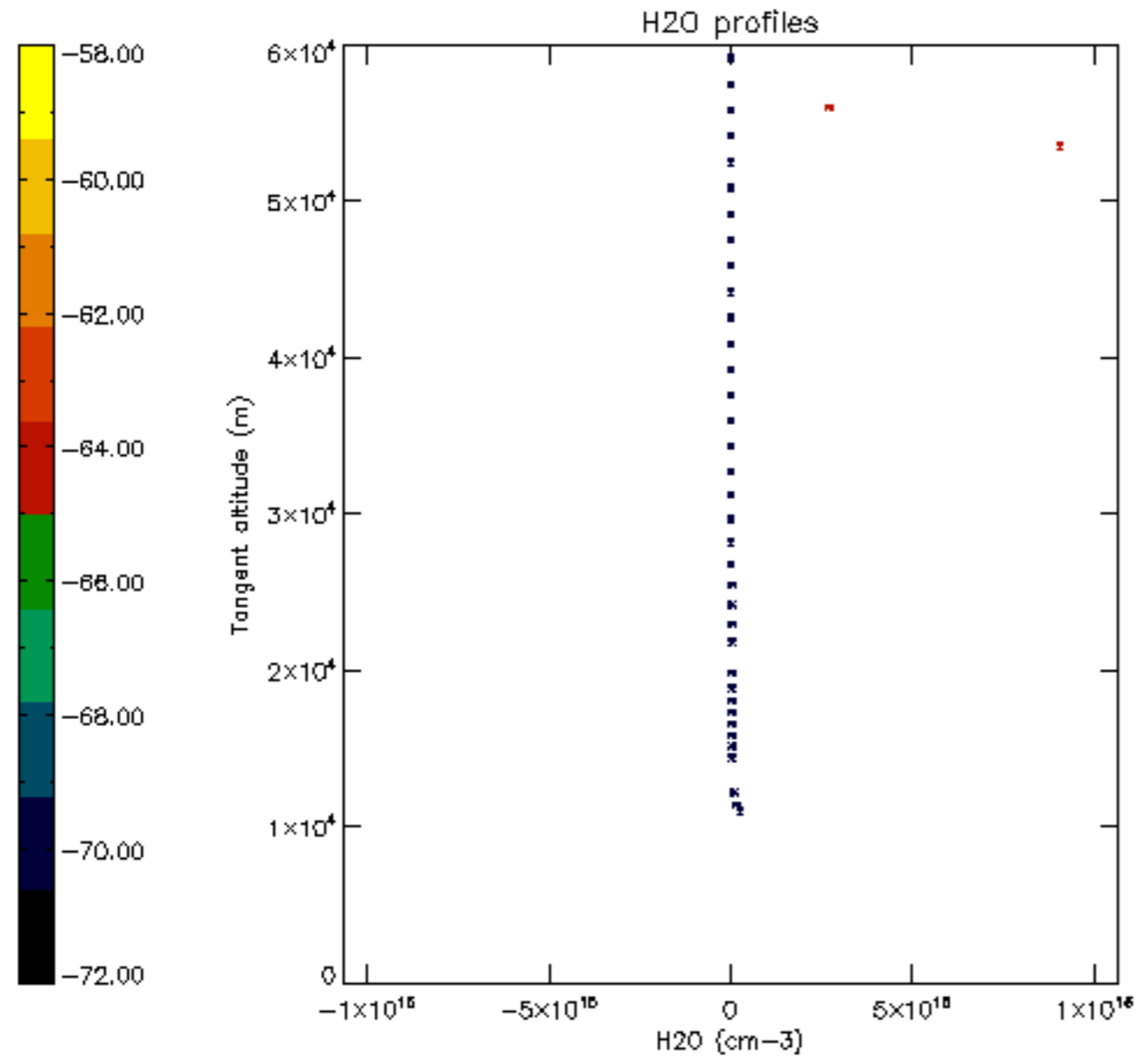


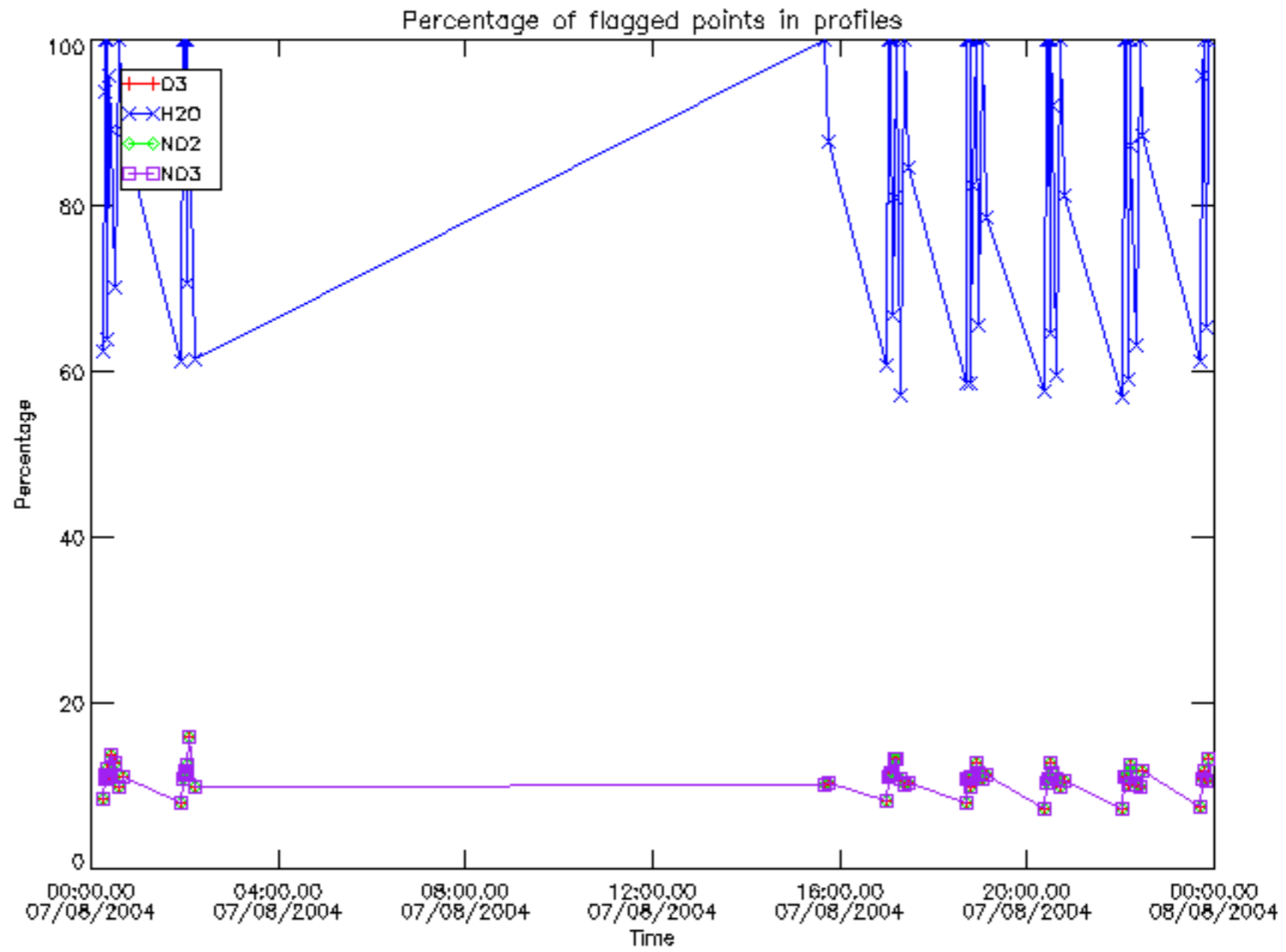




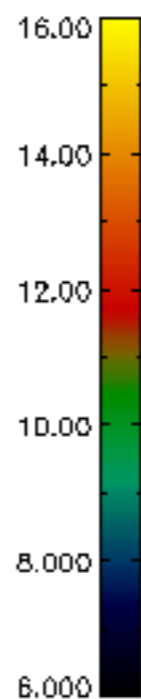
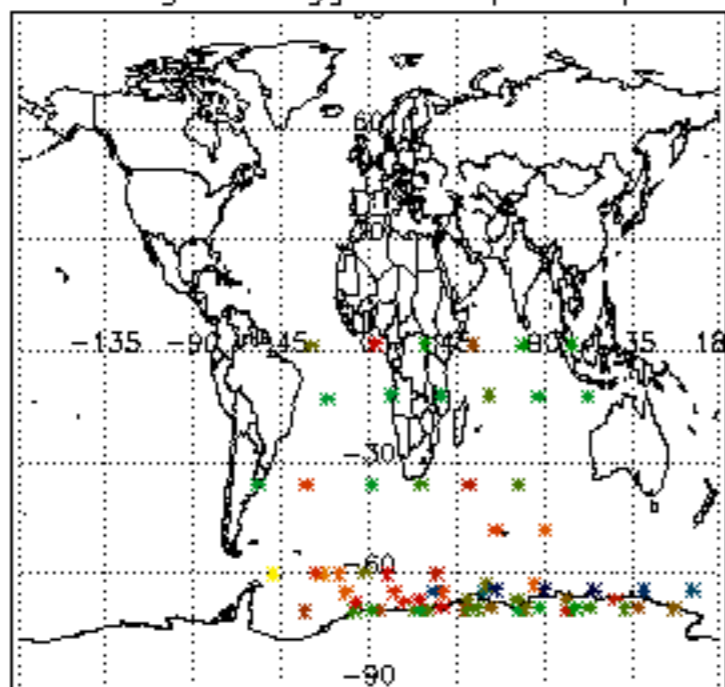




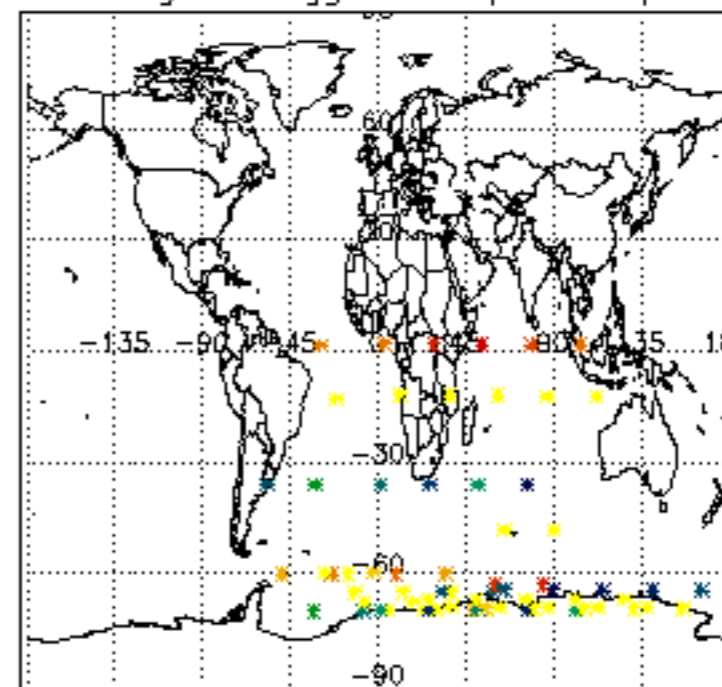




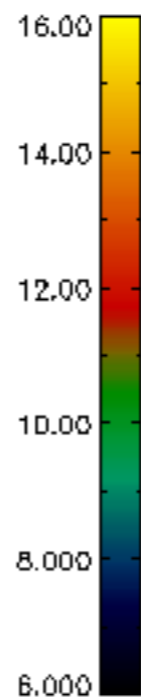
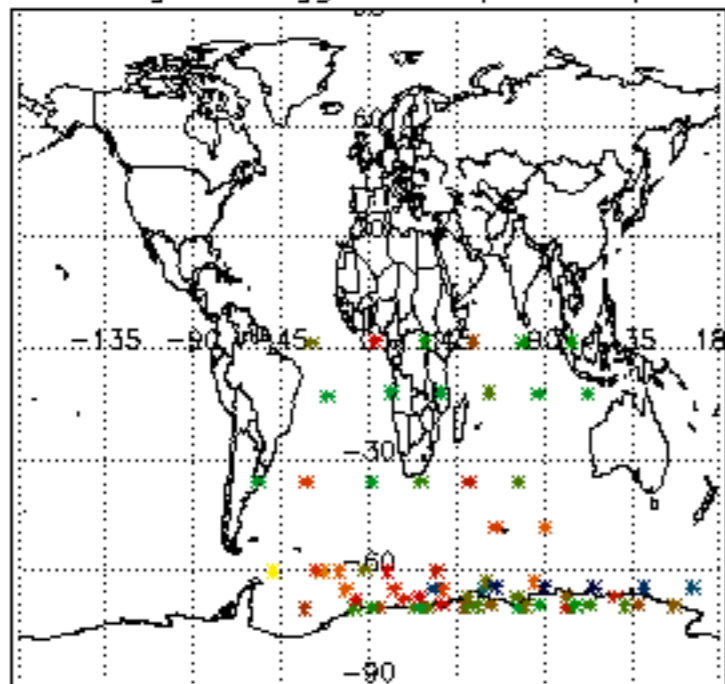
Percentage of flagged data per D3 profile



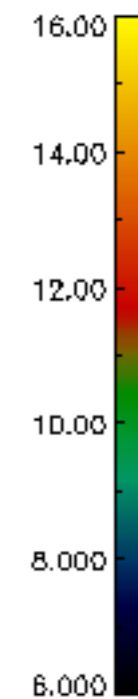
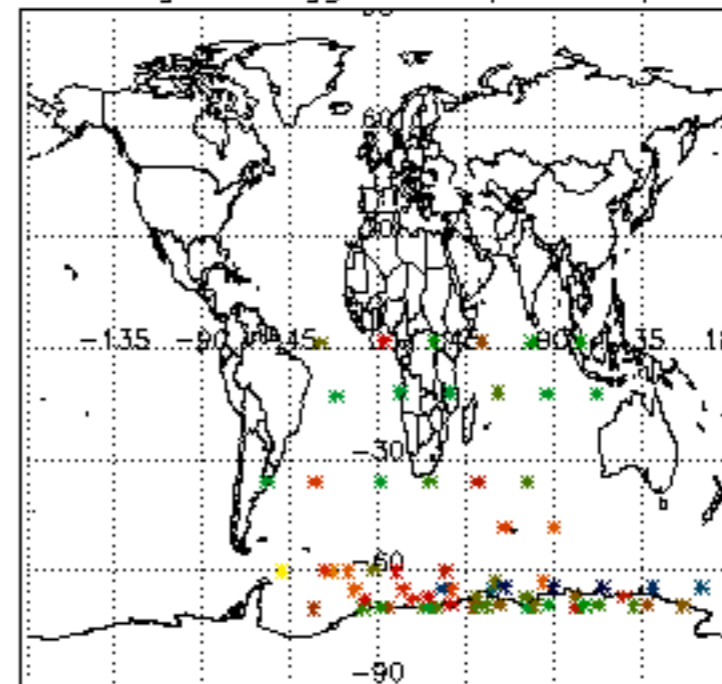
Percentage of flagged data per H2O profile

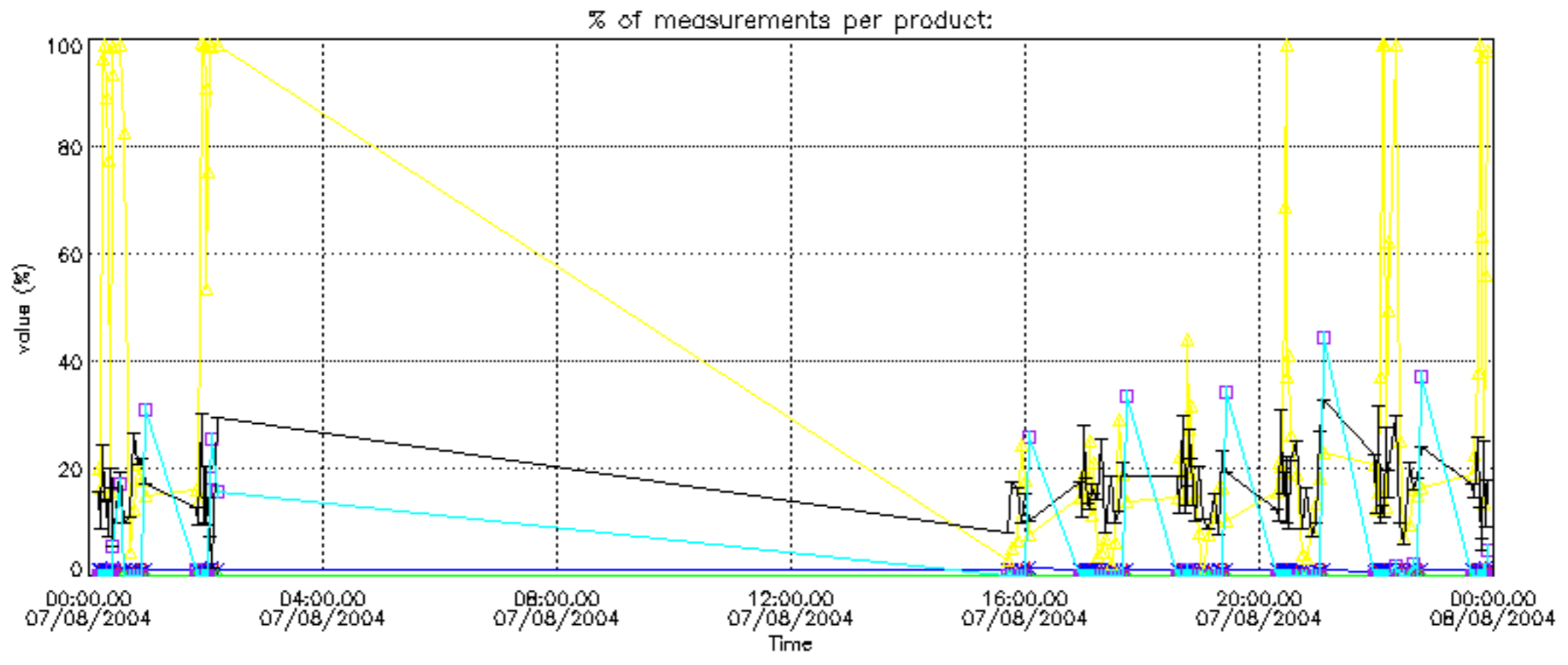


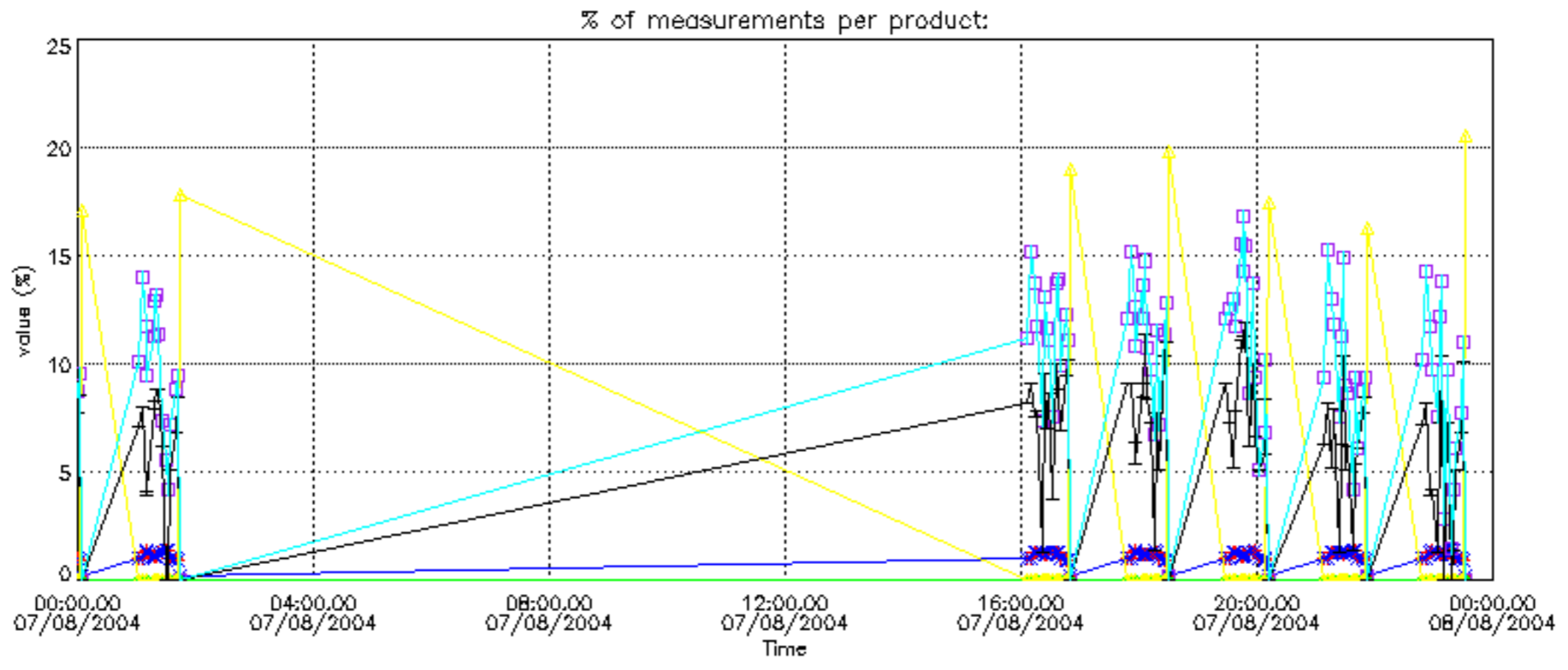
Percentage of flagged data per NO2 profile



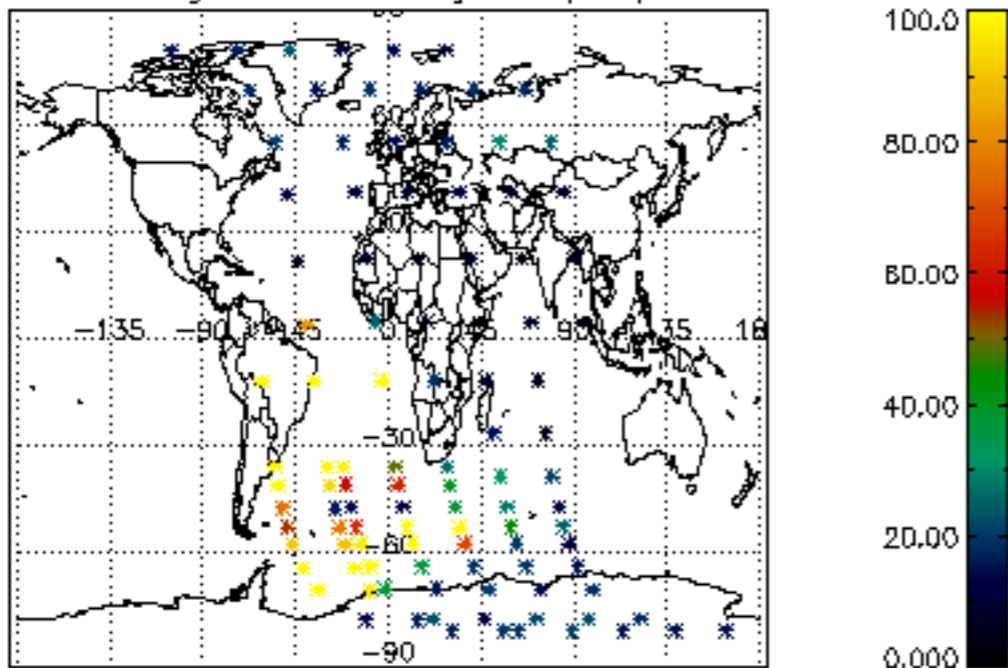
Percentage of flagged data per NO3 profile



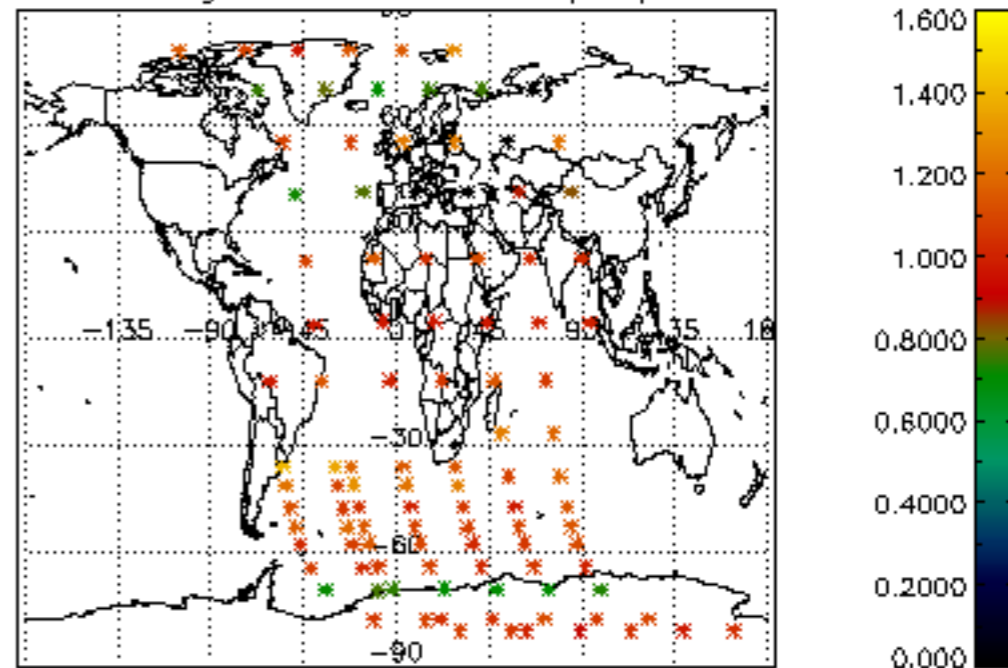




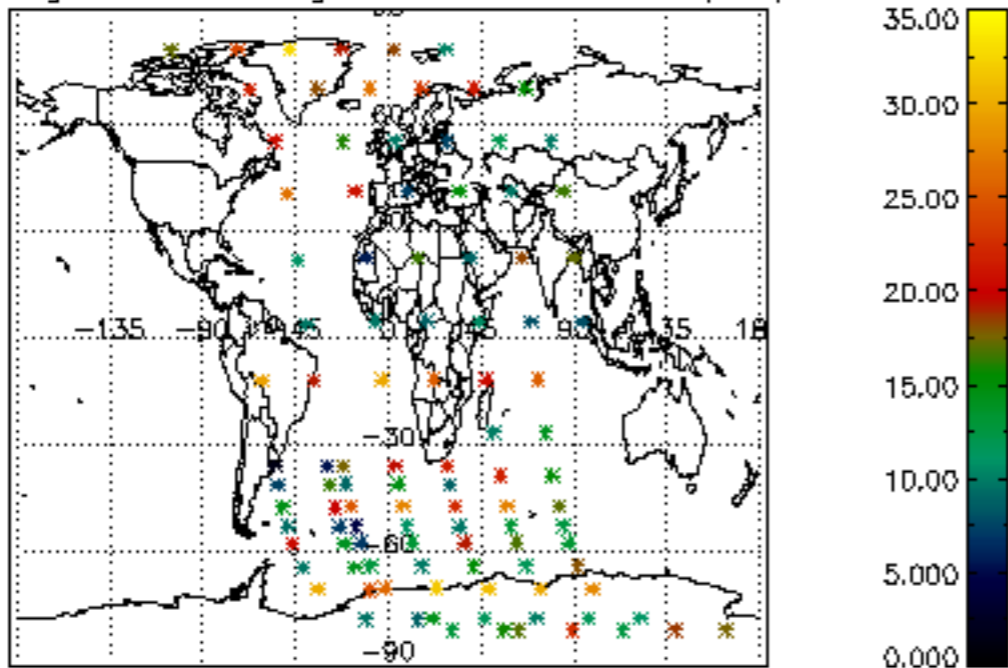
Percentage of cosmic ray hits per profile



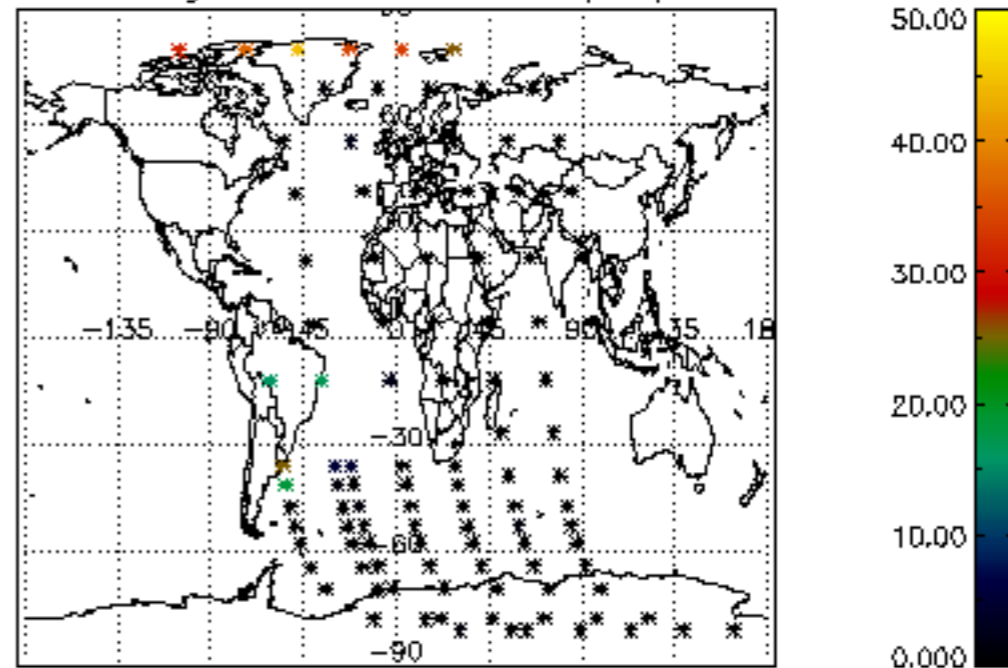
Percentage of datation errors per profile



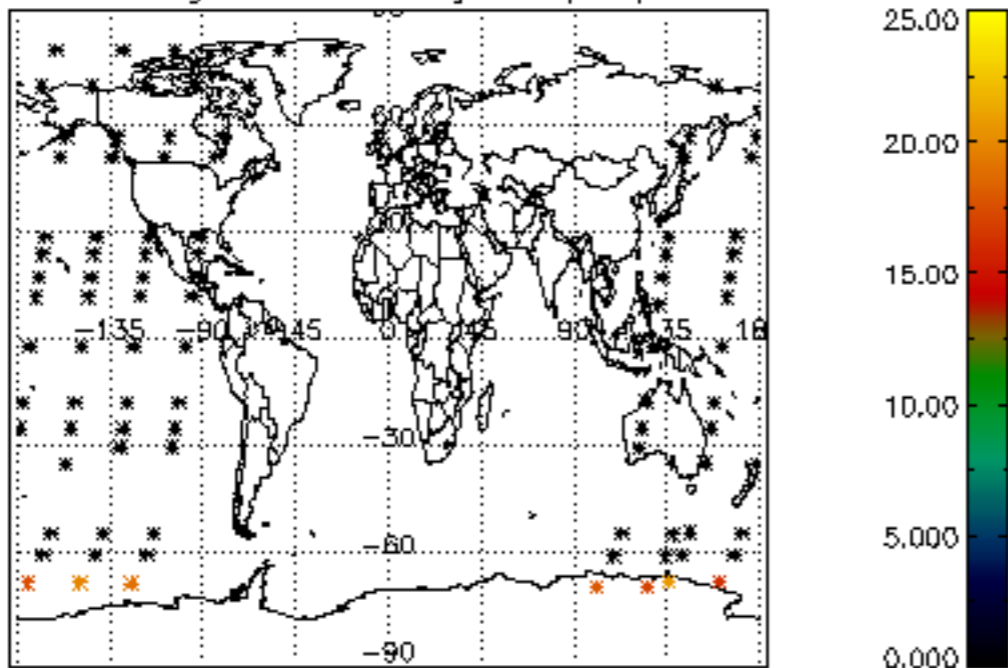
Percentage of star falling outside central band per profile



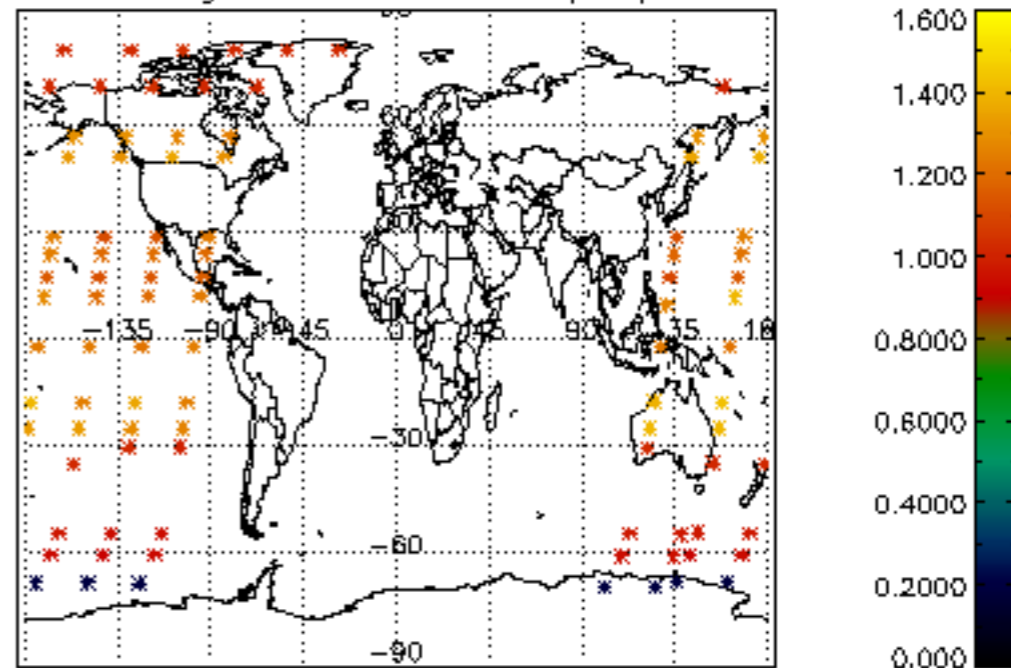
Percentage of saturation errors per profile



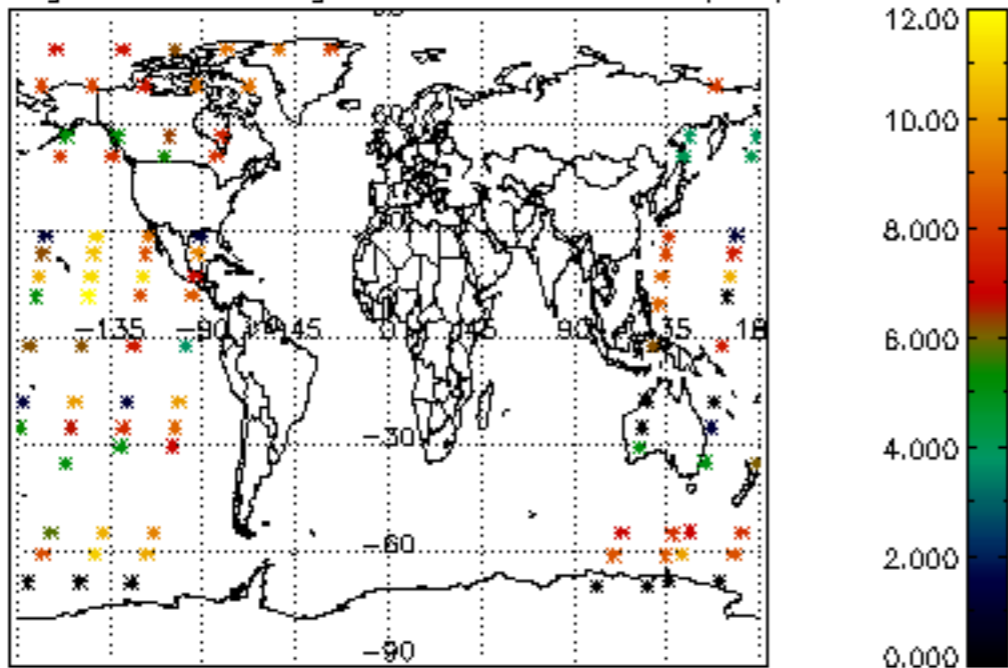
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

