

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	17APR2013 19:05:12
Data source version	GOMOS/6.01
Start time of products	02-10-2002 (02OCT2002 00:00:00)
Stop time of products	03-10-2002 (03OCT2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	114
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__2PRFIN20021002_005200_000000532010_00017_03077_8757.N1	02-OCT-2002 00:52:00	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	3077	No
2	GOM_NL__2PRFIN20021002_005907_000000442010_00017_03077_8758.N1	02-OCT-2002 00:59:07	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3077	No
3	GOM_NL__2PRFIN20021002_010118_000000462010_00017_03077_8759.N1	02-OCT-2002 01:01:18	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3077	No
4	GOM_NL__2PRFIN20021002_010246_000000472010_00017_03077_8760.N1	02-OCT-2002 01:02:46	Dark	47.000	9	Alp Eri	0.45300	24000.	94	3077	No
5	GOM_NL__2PRFIN20021002_010424_000000612010_00017_03077_8761.N1	02-OCT-2002 01:04:24	Straylight	61.000	157	The1Eri	2.9060	9300.0	122	3077	No
6	GOM_NL__2PRFIN20021002_010806_000000532010_00017_03077_8762.N1	02-OCT-2002 01:08:06	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	3077	No
7	GOM_NL__2PRFIN20021002_011245_000000492010_00017_03077_8763.N1	02-OCT-2002 01:12:45	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	3077	No
8	GOM_NL__2PRFIN20021002_011500_000000572010_00017_03077_8764.N1	02-OCT-2002 01:15:00	Straylight	56.500	52	16Bet Cet	2.0370	4500.0	113	3077	No
9	GOM_NL__2PRFIN20021002_012129_000000452010_00017_03077_8765.N1	02-OCT-2002 01:21:29	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	3077	No
10	GOM_NL__2PRFIN20021002_012510_000000442010_00017_03077_8766.N1	02-OCT-2002 01:25:10	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	3077	No
11	GOM_NL__2PRFIN20021002_012848_000000452010_00017_03077_8767.N1	02-OCT-2002 01:28:48	Bright	44.500	93	53Bet Peg	2.5200	3100.0	89	3077	No
12	GOM_NL__2PRFIN20021002_013053_000000732010_00017_03077_8768.N1	02-OCT-2002 01:30:53	Bright	73.000	105	6Bet Ari	2.6450	8900.0	146	3077	No
13	GOM_NL__2PRFIN20021002_013312_000000592010_00017_03077_8769.N1	02-OCT-2002 01:33:12	Bright	59.000	53	43Bet And	2.0480	3300.0	118	3077	No
14	GOM_NL__2PRFIN20021002_013810_000000482010_00017_03077_8770.N1	02-OCT-2002 01:38:10	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	3077	No
15	GOM_NL__2PRFIN20021002_014007_000000502010_00017_03077_8771.N1	02-OCT-2002 01:40:07	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	3077	No
16	GOM_NL__2PRFIN20021002_014318_000000632010_00017_03077_8772.N1	02-OCT-2002 01:43:18	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	3077	No
17	GOM_NL__2PRFIN20021002_014610_000000452010_00017_03077_8773.N1	02-OCT-2002 01:46:10	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3077	No
18	GOM_NL__2PRFIN20021002_014817_000000452010_00017_03077_8774.N1	02-OCT-2002 01:48:17	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	3077	No
19	GOM_NL__2PRFIN20021002_015408_000000452010_00017_03077_8775.N1	02-OCT-2002 01:54:08	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3077	No
20	GOM_NL__2PRFIN20021002_015539_000000422010_00017_03077_8776.N1	02-OCT-2002 01:55:39	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	3077	No
21	GOM_NL__2PRFIN20021002_015852_000000422010_00017_03077_8777.N1	02-OCT-2002 01:58:52	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	3077	No
22	GOM_NL__2PRFIN20021002_022448_000000512010_00017_03077_8839.N1	02-OCT-2002 02:24:48	Dark	51.000	65	Lam Vel	2.2040	4400.0	102	3077	No
23	GOM_NL__2PRFIN20021002_022659_000001082010_00017_03077_8840.N1	02-OCT-2002 02:26:59	Dark	108.00	1	9Alp CMa	-1.4400	11000.	216	3077	No
24	GOM_NL__2PRFIN20021002_023237_000000552010_00018_03078_8841.N1	02-OCT-2002 02:32:37	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	3078	No
25	GOM_NL__2PRFIN20021002_023943_000000442010_00018_03078_8842.N1	02-OCT-2002 02:39:43	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3078	No
26	GOM_NL__2PRFIN20021002_024154_000000462010_00018_03078_8843.N1	02-OCT-2002 02:41:54	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3078	No
27	GOM_NL__2PRFIN20021002_024322_000000522010_00018_03078_8844.N1	02-OCT-2002 02:43:22	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3078	No
28	GOM_NL__2PRFIN20021002_024500_000000612010_00018_03078_8845.N1	02-OCT-2002 02:45:00	Straylight	61.000	157	The1Eri	2.9060	9300.0	122	3078	No
29	GOM_NL__2PRFIN20021002_024842_000000472010_00018_03078_8846.N1	02-OCT-2002 02:48:42	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	3078	No
30	GOM_NL__2PRFIN20021002_025321_000000522010_00018_03078_8847.N1	02-OCT-2002 02:53:21	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	3078	No
31	GOM_NL__2PRFIN20021002_025536_000000582010_00018_03078_8848.N1	02-OCT-2002 02:55:36	Straylight	57.500	52	16Bet Cet	2.0370	4500.0	115	3078	No
32	GOM_NL__2PRFIN20021002_030205_000000452010_00018_03078_8849.N1	02-OCT-2002 03:02:05	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	3078	No
33	GOM_NL__2PRFIN20021002_030546_000000442010_00018_03078_8850.N1	02-OCT-2002 03:05:46	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	3078	No
34	GOM_NL__2PRFIN20021002_030924_000000432010_00018_03078_8851.N1	02-OCT-2002 03:09:24	Bright	43.000	93	53Bet Peg	2.5200	3100.0	86	3078	No
35	GOM_NL__2PRFIN20021002_031128_000000742010_00018_03078_8852.N1	02-OCT-2002 03:11:28	Bright	73.500	105	6Bet Ari	2.6450	8900.0	147	3078	No
36	GOM_NL__2PRFIN20021002_031347_000000572010_00018_03078_8853.N1	02-OCT-2002 03:13:47	Bright	57.000	53	43Bet And	2.0480	3300.0	114	3078	No
37	GOM_NL__2PRFIN20021002_031845_000000462010_00018_03078_8854.N1	02-OCT-2002 03:18:45	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	3078	No
38	GOM_NL__2PRFIN20021002_032042_000000482010_00018_03078_8855.N1	02-OCT-2002 03:20:42	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	3078	No
39	GOM_NL__2PRFIN20021002_032353_000000612010_00018_03078_8856.N1	02-OCT-2002 03:23:53	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	3078	No
40	GOM_NL__2PRFIN20021002_032646_000000422010_00018_03078_8857.N1	02-OCT-2002 03:26:46	Bright	41.500	49	1Alp UMi	1.9900	6300.0	83	3078	No
41	GOM_NL__2PRFIN20021002_032853_000000442010_00018_03078_8858.N1	02-OCT-2002 03:28:53	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3078	No
42	GOM_NL__2PRFIN20021002_033444_000000442010_00018_03078_8859.N1	02-OCT-2002 03:34:44	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	3078	No

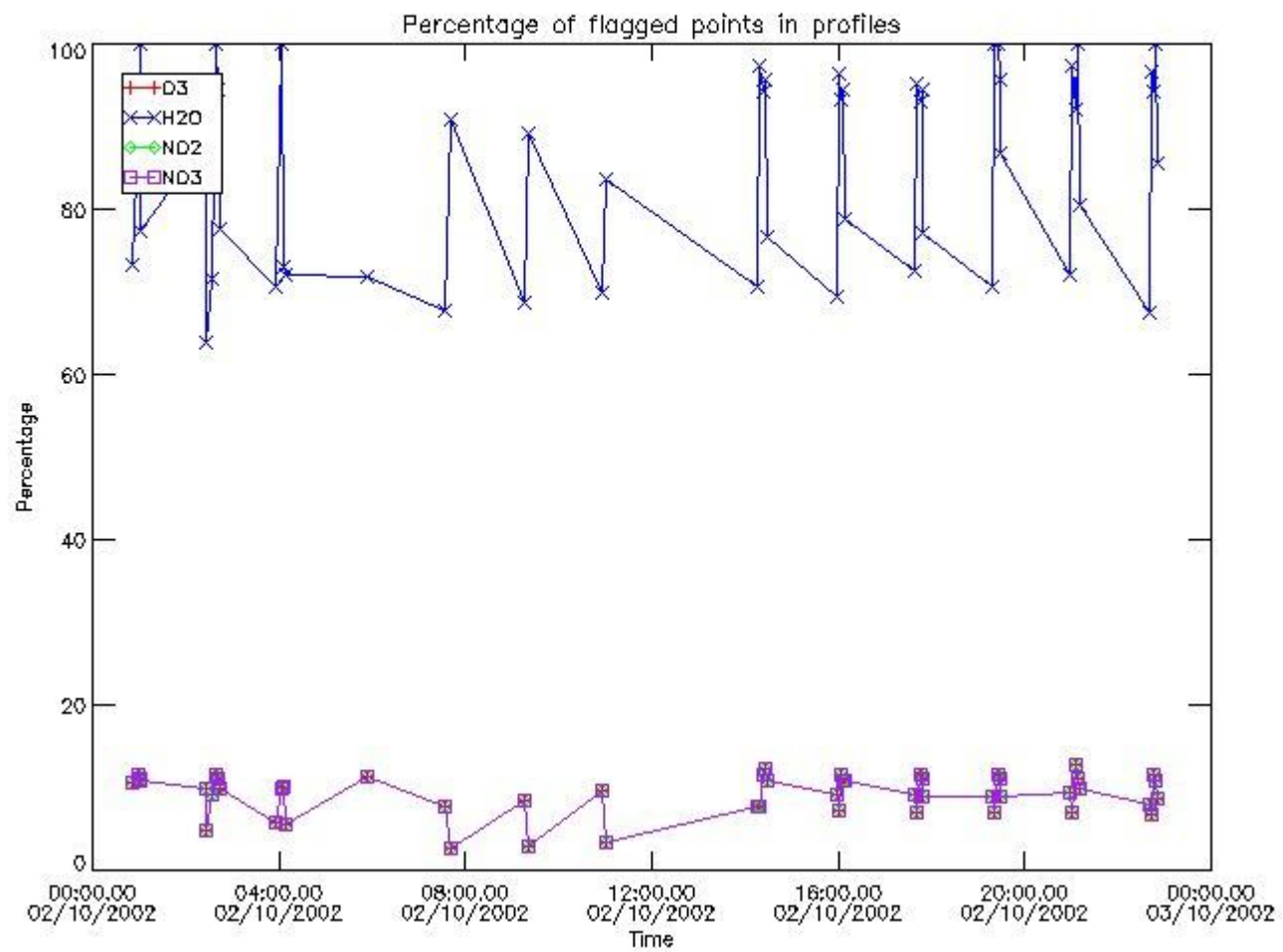
43	GOM_NL__2PRFIN20021002_033615_00000422010_00018_03078_8860.N1	02-OCT-2002 03:36:15	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	3078	No
44	GOM_NL__2PRFIN20021002_033928_00000412010_00018_03078_8861.N1	02-OCT-2002 03:39:28	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	3078	No
45	GOM_NL__2PRFIN20021002_034138_000001122010_00018_03078_8862.N1	02-OCT-2002 03:41:38	Bright	111.50	107	37The Aur	2.6490	11000.	223	3078	No
46	GOM_NL__2PRFIN20021002_034449_00000682010_00018_03078_8863.N1	02-OCT-2002 03:44:49	Bright	68.000	24	66Alp Gem	1.5800	10200.	136	3078	No
47	GOM_NL__2PRFIN20021002_034938_000001242010_00018_03078_8864.N1	02-OCT-2002 03:49:38	Tw_i_and_stray	124.00	170	27Eps Gem	3.0000	9700.0	248	3078	No
48	GOM_NL__2PRFIN20021002_035552_00000962010_00018_03078_8865.N1	02-OCT-2002 03:55:52	Dark	95.500	8	10Alp CMi	0.40000	6500.0	191	3078	No
49	GOM_NL__2PRFIN20021002_040254_00000522010_00018_03078_8866.N1	02-OCT-2002 04:02:54	Dark	52.000	132	15Rho Pup	2.8030	6900.0	104	3078	No
50	GOM_NL__2PRFIN20021002_040525_00000512010_00018_03078_8867.N1	02-OCT-2002 04:05:25	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	3078	No
51	GOM_NL__2PRFIN20021002_040737_00000912010_00018_03078_8868.N1	02-OCT-2002 04:07:37	Dark	91.000	1	9Alp CMa	-1.4400	11000.	182	3078	No
52	GOM_NL__2PRFIN20021002_055351_00000542010_00020_03080_8749.N1	02-OCT-2002 05:53:51	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	3080	No
53	GOM_NL__2PRFIN20021002_073428_00000672010_00021_03081_8758.N1	02-OCT-2002 07:34:28	Dark	67.000	2	Alp Car	-0.73600	7000.0	134	3081	No
54	GOM_NL__2PRFIN20021002_074045_000001912010_00021_03081_8759.N1	02-OCT-2002 07:40:45	Dark	191.00	101	11Alp Lep	2.5820	7000.0	382	3081	No
55	GOM_NL__2PRFIN20021002_074651_00000592010_00021_03081_8760.N1	02-OCT-2002 07:46:51	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3081	No
56	GOM_NL__2PRFIN20021002_075030_00000502010_00021_03081_8761.N1	02-OCT-2002 07:50:30	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	3081	No
57	GOM_NL__2PRFIN20021002_075510_00000472010_00021_03081_8762.N1	02-OCT-2002 07:55:10	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	3081	No
58	GOM_NL__2PRFIN20021002_075724_00000572010_00021_03081_8763.N1	02-OCT-2002 07:57:24	Straylight	56.500	52	16Bet Cet	2.0370	4500.0	113	3081	No
59	GOM_NL__2PRFIN20021002_091504_00000612010_00022_03082_8758.N1	02-OCT-2002 09:15:04	Dark	61.000	2	Alp Car	-0.73600	7000.0	122	3082	No
60	GOM_NL__2PRFIN20021002_092124_000001952010_00022_03082_8759.N1	02-OCT-2002 09:21:24	Dark	194.50	101	11Alp Lep	2.5820	7000.0	389	3082	No
61	GOM_NL__2PRFIN20021002_092727_00000602010_00022_03082_8760.N1	02-OCT-2002 09:27:27	Straylight	60.000	157	The1Eri	2.9060	9300.0	120	3082	No
62	GOM_NL__2PRFIN20021002_093106_00000562010_00022_03082_8761.N1	02-OCT-2002 09:31:06	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	3082	No
63	GOM_NL__2PRFIN20021002_093546_00000452010_00022_03082_8762.N1	02-OCT-2002 09:35:46	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	3082	No
64	GOM_NL__2PRFIN20021002_093800_00000582010_00022_03082_8763.N1	02-OCT-2002 09:38:00	Straylight	57.500	52	16Bet Cet	2.0370	4500.0	115	3082	No
65	GOM_NL__2PRFIN20021002_105541_00000542010_00023_03083_8758.N1	02-OCT-2002 10:55:41	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	3083	No
66	GOM_NL__2PRFIN20021002_110204_000001892010_00023_03083_8759.N1	02-OCT-2002 11:02:04	Dark	189.00	101	11Alp Lep	2.5820	7000.0	378	3083	No
67	GOM_NL__2PRFIN20021002_110804_00000592010_00023_03083_8760.N1	02-OCT-2002 11:08:04	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3083	No
68	GOM_NL__2PRFIN20021002_111143_00000592010_00023_03083_8761.N1	02-OCT-2002 11:11:43	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	3083	No
69	GOM_NL__2PRFIN20021002_111622_00000472010_00023_03083_8762.N1	02-OCT-2002 11:16:22	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	3083	No
70	GOM_NL__2PRFIN20021002_111837_00000572010_00023_03083_8763.N1	02-OCT-2002 11:18:37	Straylight	57.000	52	16Bet Cet	2.0370	4500.0	114	3083	No
71	GOM_NL__2PRFIN20021002_141655_00000672010_00025_03085_8778.N1	02-OCT-2002 14:16:55	Dark	67.000	2	Alp Car	-0.73600	7000.0	134	3085	No
72	GOM_NL__2PRFIN20021002_141922_00000732010_00025_03085_8779.N1	02-OCT-2002 14:19:22	Dark	73.000	108	Alp Col	2.6520	15200.	146	3085	No
73	GOM_NL__2PRFIN20021002_142356_00000442010_00025_03085_8780.N1	02-OCT-2002 14:23:56	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3085	No
74	GOM_NL__2PRFIN20021002_142610_00000462010_00025_03085_8781.N1	02-OCT-2002 14:26:10	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3085	No
75	GOM_NL__2PRFIN20021002_142737_00000482010_00025_03085_8782.N1	02-OCT-2002 14:27:37	Dark	47.500	9	Alp Eri	0.45300	24000.	95	3085	No
76	GOM_NL__2PRFIN20021002_142918_00000582010_00025_03085_8783.N1	02-OCT-2002 14:29:18	Straylight	58.000	157	The1Eri	2.9060	9300.0	116	3085	No
77	GOM_NL__2PRFIN20021002_143255_00000502010_00025_03085_8784.N1	02-OCT-2002 14:32:55	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	3085	No
78	GOM_NL__2PRFIN20021002_143735_00000512010_00025_03085_8785.N1	02-OCT-2002 14:37:35	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	3085	No
79	GOM_NL__2PRFIN20021002_155730_00000562010_00026_03086_8778.N1	02-OCT-2002 15:57:30	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	3086	No
80	GOM_NL__2PRFIN20021002_155958_00000722010_00026_03086_8779.N1	02-OCT-2002 15:59:58	Dark	71.500	108	Alp Col	2.6520	15200.	143	3086	No
81	GOM_NL__2PRFIN20021002_160432_00000452010_00026_03086_8780.N1	02-OCT-2002 16:04:32	Dark	44.500	135	Bet Hyi	2.8200	5800.0	89	3086	No
82	GOM_NL__2PRFIN20021002_160645_00000472010_00026_03086_8781.N1	02-OCT-2002 16:06:45	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3086	No
83	GOM_NL__2PRFIN20021002_160812_00000482010_00026_03086_8782.N1	02-OCT-2002 16:08:12	Dark	47.500	9	Alp Eri	0.45300	24000.	95	3086	No
84	GOM_NL__2PRFIN20021002_160953_00000602010_00026_03086_8783.N1	02-OCT-2002 16:09:53	Straylight	59.500	157	The1Eri	2.9060	9300.0	119	3086	No
85	GOM_NL__2PRFIN20021002_161330_00000572010_00026_03086_8784.N1	02-OCT-2002 16:13:30	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	3086	No
86	GOM_NL__2PRFIN20021002_161810_00000502010_00026_03086_8785.N1	02-OCT-2002 16:18:10	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	3086	No
87	GOM_NL__2PRFIN20021002_173807_00000552010_00027_03087_8778.N1	02-OCT-2002 17:38:07	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	3087	No
88	GOM_NL__2PRFIN20021002_174036_00000742010_00027_03087_8779.N1	02-OCT-2002 17:40:36	Dark	73.500	108	Alp Col	2.6520	15200.	147	3087	No
89	GOM_NL__2PRFIN20021002_174508_00000442010_00027_03087_8780.N1	02-OCT-2002 17:45:08	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3087	No
90	GOM_NL__2PRFIN20021002_174722_00000462010_00027_03087_8781.N1	02-OCT-2002 17:47:22	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3087	No
91	GOM_NL__2PRFIN20021002_174849_00000572010_00027_03087_8782.N1	02-OCT-2002 17:48:49	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3087	No
92	GOM_NL__2PRFIN20021002_175030_00000592010_00027_03087_8783.N1	02-OCT-2002 17:50:30	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3087	No
93	GOM_NL__2PRFIN20021002_175407_00000502010_00027_03087_8784.N1	02-OCT-2002 17:54:07	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	3087	No
94	GOM_NL__2PRFIN20021002_191844_00000572010_00028_03088_8778.N1	02-OCT-2002 19:18:44	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	3088	No
95	GOM_NL__2PRFIN20021002_192113_00000742010_00028_03088_8779.N1	02-OCT-2002 19:21:13	Dark	73.500	108	Alp Col	2.6520	15200.	147	3088	No
96	GOM_NL__2PRFIN20021002_192544_00000442010_00028_03088_8780.N1	02-OCT-2002 19:25:44	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3088	No
97	GOM_NL__2PRFIN20021002_192758_00000462010_00028_03088_8781.N1	02-OCT-2002 19:27:58	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3088	No
98	GOM_NL__2PRFIN20021002_192925_00000572010_00028_03088_8782.N1	02-OCT-2002 19:29:25	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3088	No
99	GOM_NL__2PRFIN20021002_193106_00000592010_00028_03088_8783.N1	02-OCT-2002 19:31:06	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3088	No
100	GOM_NL__2PRFIN20021002_193443_00000592010_00028_03088_8784.N1	02-OCT-2002 19:34:43	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	3088	No
101	GOM_NL__2PRFIN20021002_205921_00000542010_00029_03089_8778.N1	02-OCT-2002 20:59:21	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	3089	No

102	GOM_NL__2PRFIN20021002_210151_000000732010_00029_03089_8779.N1	02-OCT-2002 21:01:51	Dark	73.000	108	Alp Col	2.6520	15200.	146	3089	No
103	GOM_NL__2PRFIN20021002_210620_000000442010_00029_03089_8780.N1	02-OCT-2002 21:06:20	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3089	No
104	GOM_NL__2PRFIN20021002_210834_000000462010_00029_03089_8781.N1	02-OCT-2002 21:08:34	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3089	No
105	GOM_NL__2PRFIN20021002_211002_000000522010_00029_03089_8782.N1	02-OCT-2002 21:10:02	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3089	No
106	GOM_NL__2PRFIN20021002_211143_000000592010_00029_03089_8783.N1	02-OCT-2002 21:11:43	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3089	No
107	GOM_NL__2PRFIN20021002_211519_000000532010_00029_03089_8784.N1	02-OCT-2002 21:15:19	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	3089	No
108	GOM_NL__2PRFIN20021002_223957_000000652010_00030_03090_8778.N1	02-OCT-2002 22:39:57	Dark	65.000	2	Alp Car	-0.73600	7000.0	130	3090	No
109	GOM_NL__2PRFIN20021002_224228_000000752010_00030_03090_8779.N1	02-OCT-2002 22:42:28	Dark	74.500	108	Alp Col	2.6520	15200.	149	3090	No
110	GOM_NL__2PRFIN20021002_224656_000000452010_00030_03090_8780.N1	02-OCT-2002 22:46:56	Dark	44.500	135	Bet Hyi	2.8200	5800.0	89	3090	No
111	GOM_NL__2PRFIN20021002_224911_000000472010_00030_03090_8781.N1	02-OCT-2002 22:49:11	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3090	No
112	GOM_NL__2PRFIN20021002_225038_000000592010_00030_03090_8782.N1	02-OCT-2002 22:50:38	Dark	59.000	9	Alp Eri	0.45300	24000.	118	3090	No
113	GOM_NL__2PRFIN20021002_225220_000000582010_00030_03090_8783.N1	02-OCT-2002 22:52:20	Straylight	58.000	157	The1Eri	2.9060	9300.0	116	3090	No
114	GOM_NL__2PRFIN20021002_225555_000000572010_00030_03090_8784.N1	02-OCT-2002 22:55:55	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	3090	No

3. Quality information per product

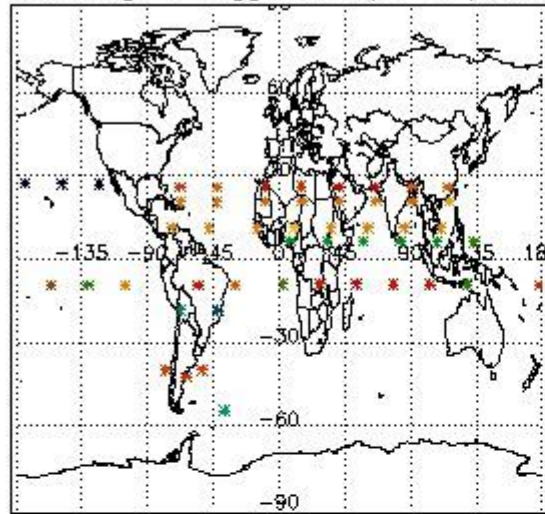
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

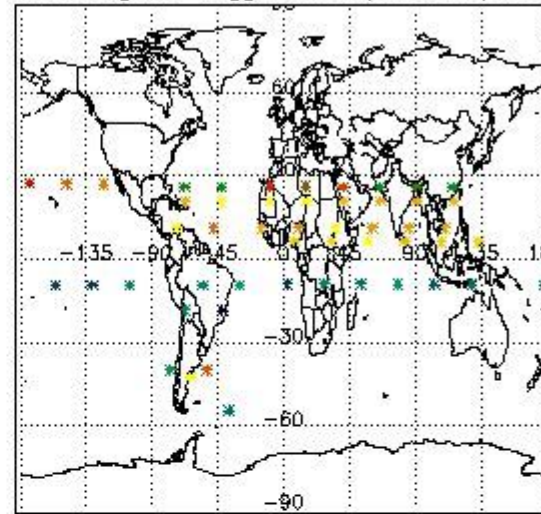


3.2 Plot quality information per product (world map)

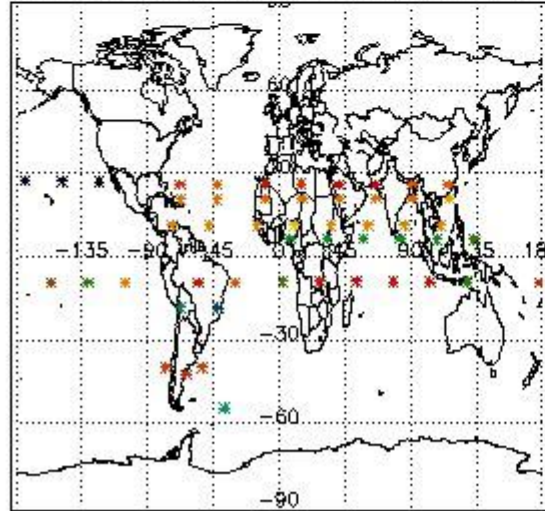
Percentage of flagged data per O3 profile



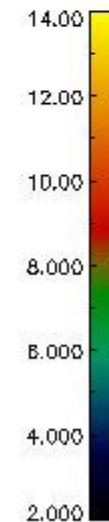
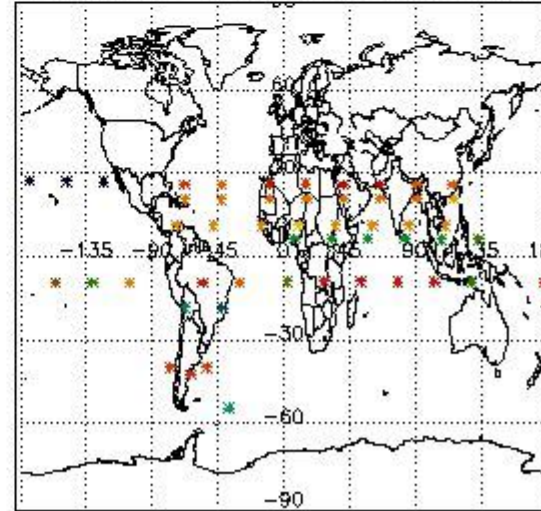
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

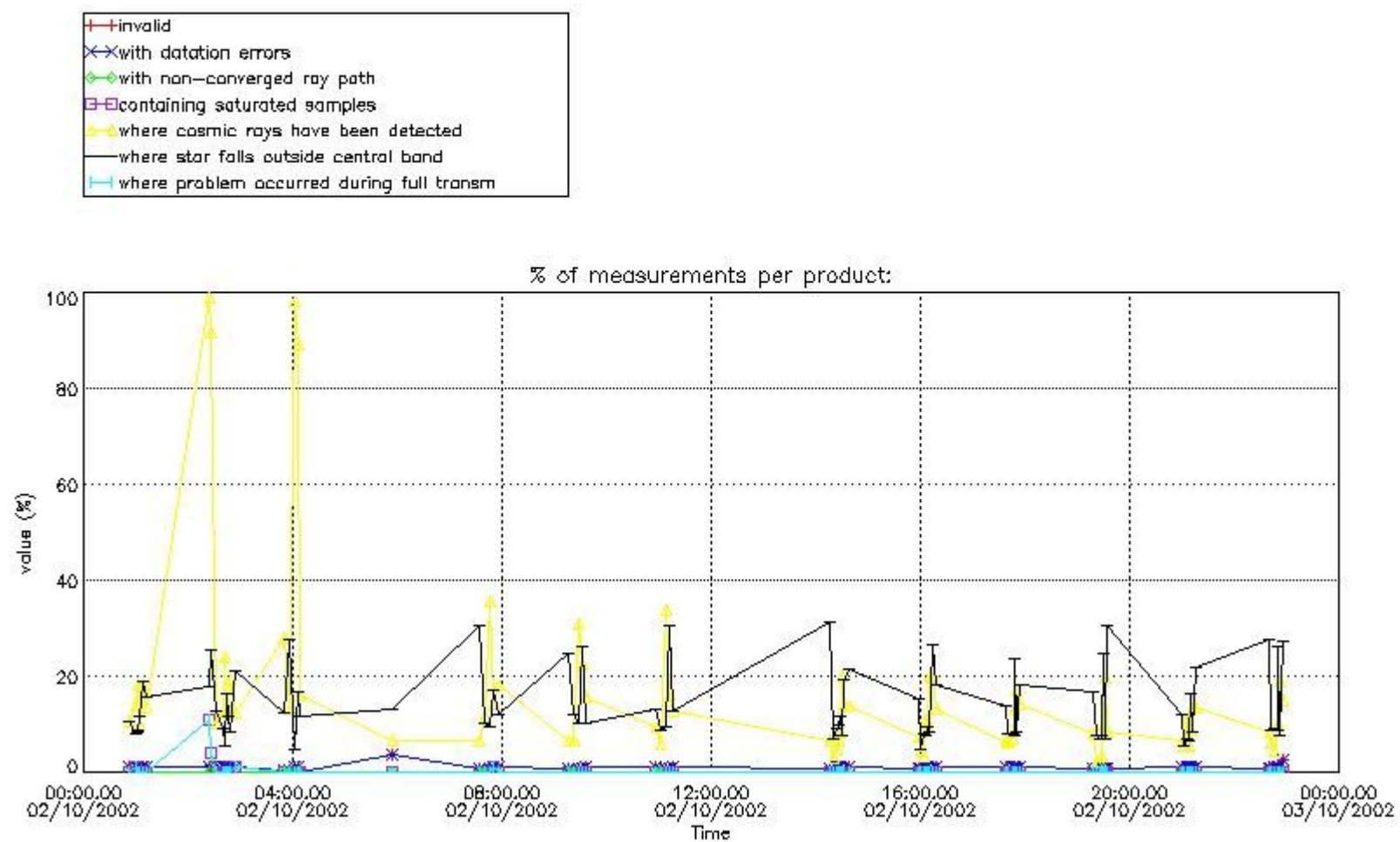


4. Level 1 quality information per product

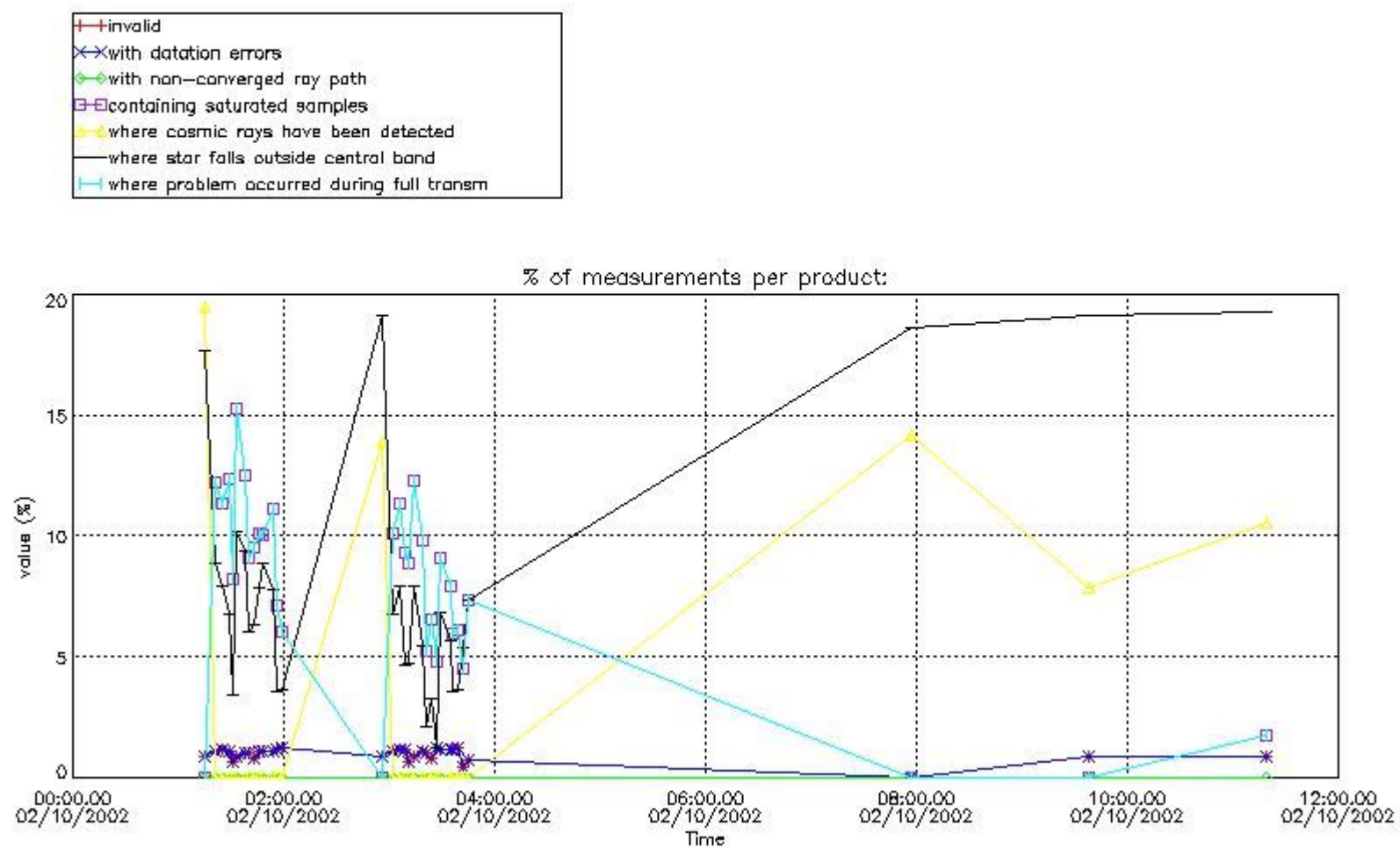
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

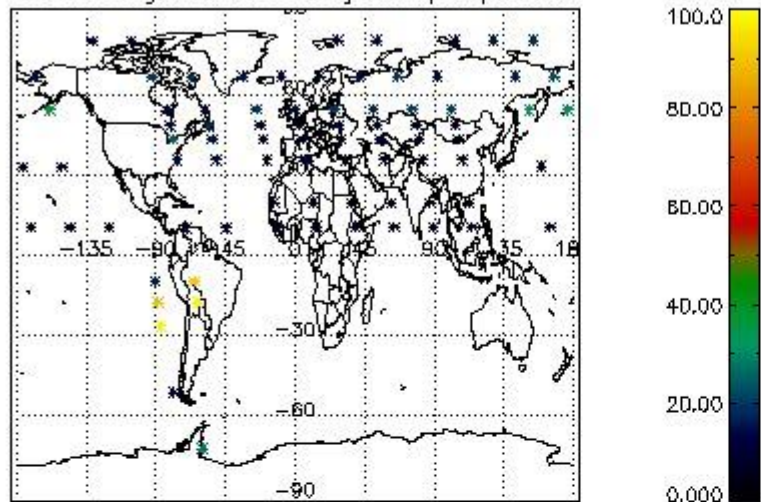


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

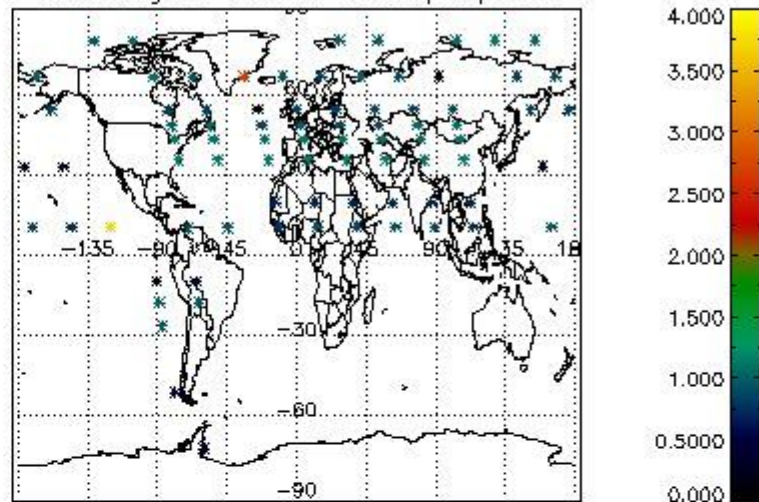


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

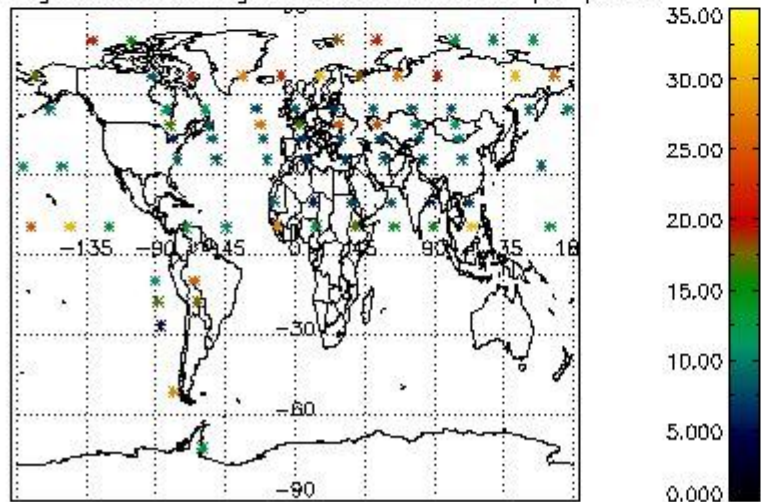
Percentage of cosmic ray hits per profile



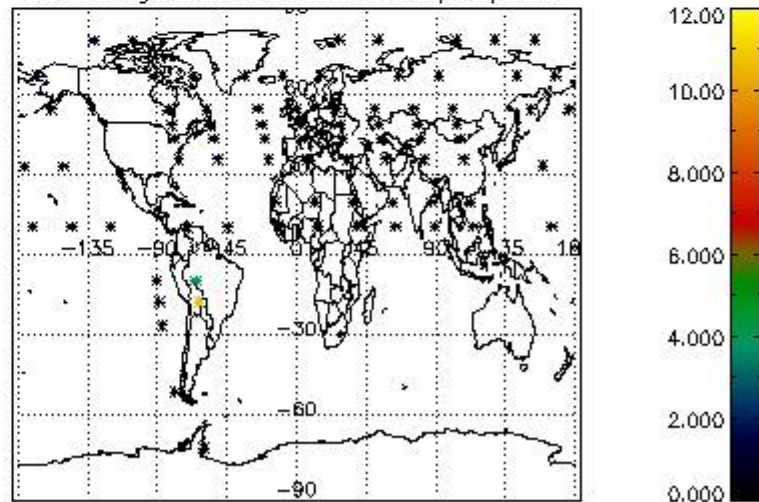
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

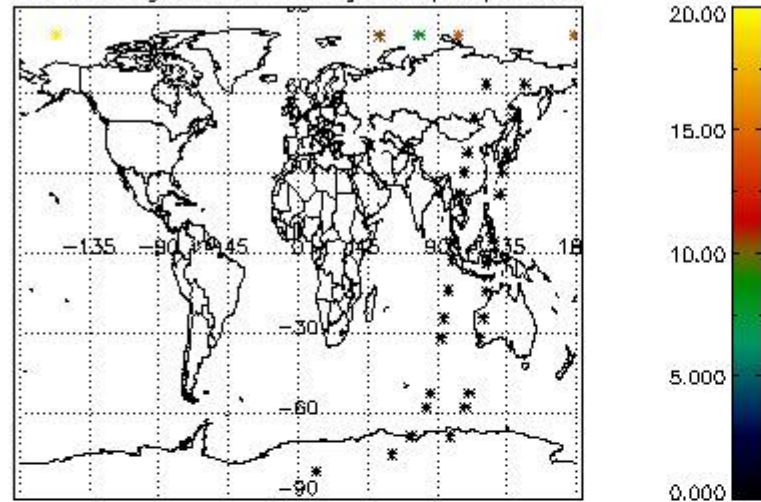


Percentage of saturation errors per profile

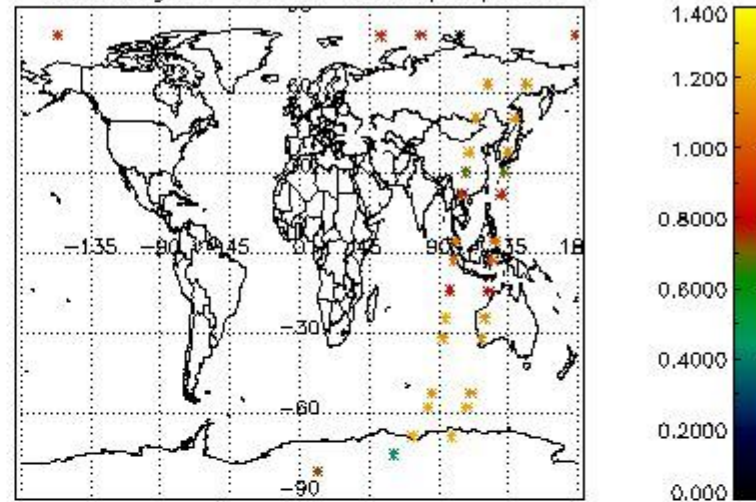


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

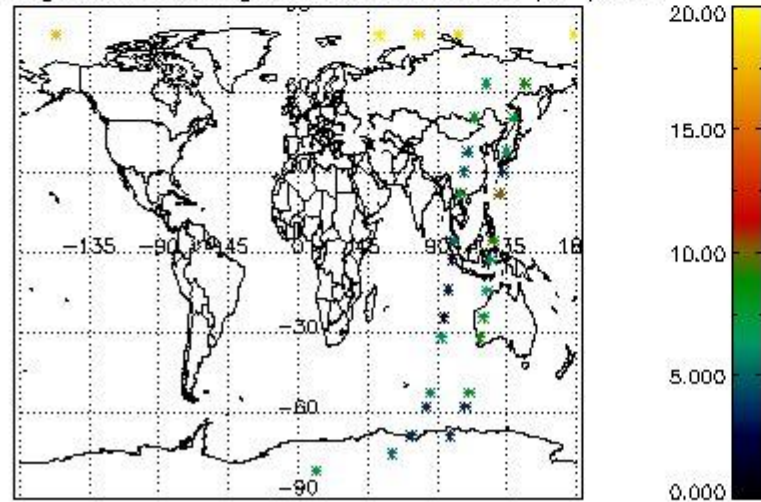
Percentage of cosmic ray hits per profile



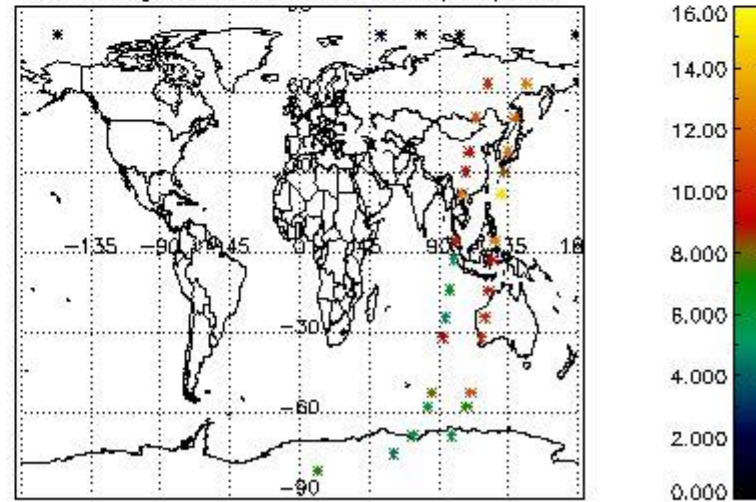
Percentage of datation errors per profile



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

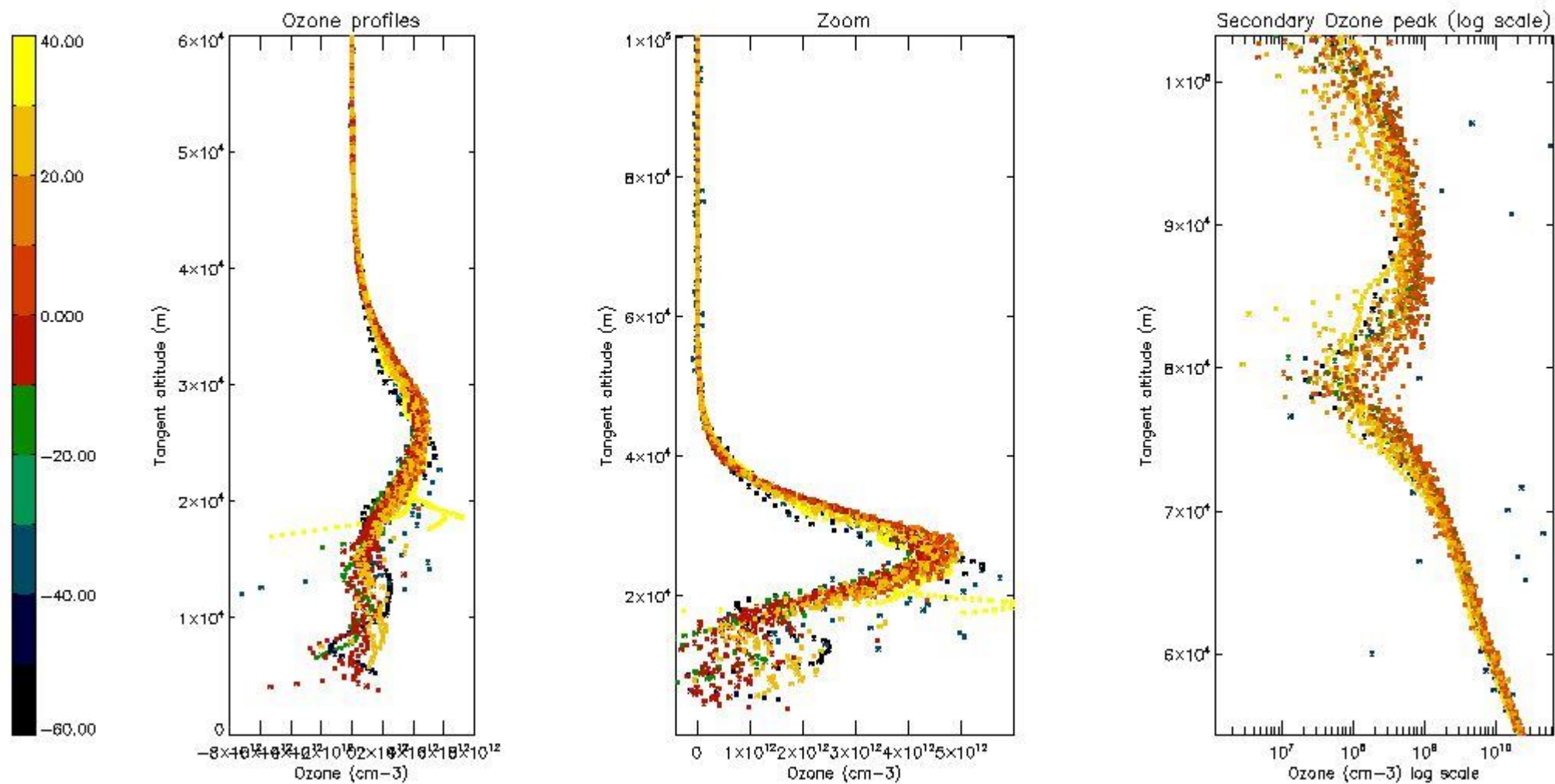
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	28

STD < 10	25
STD < 5	19

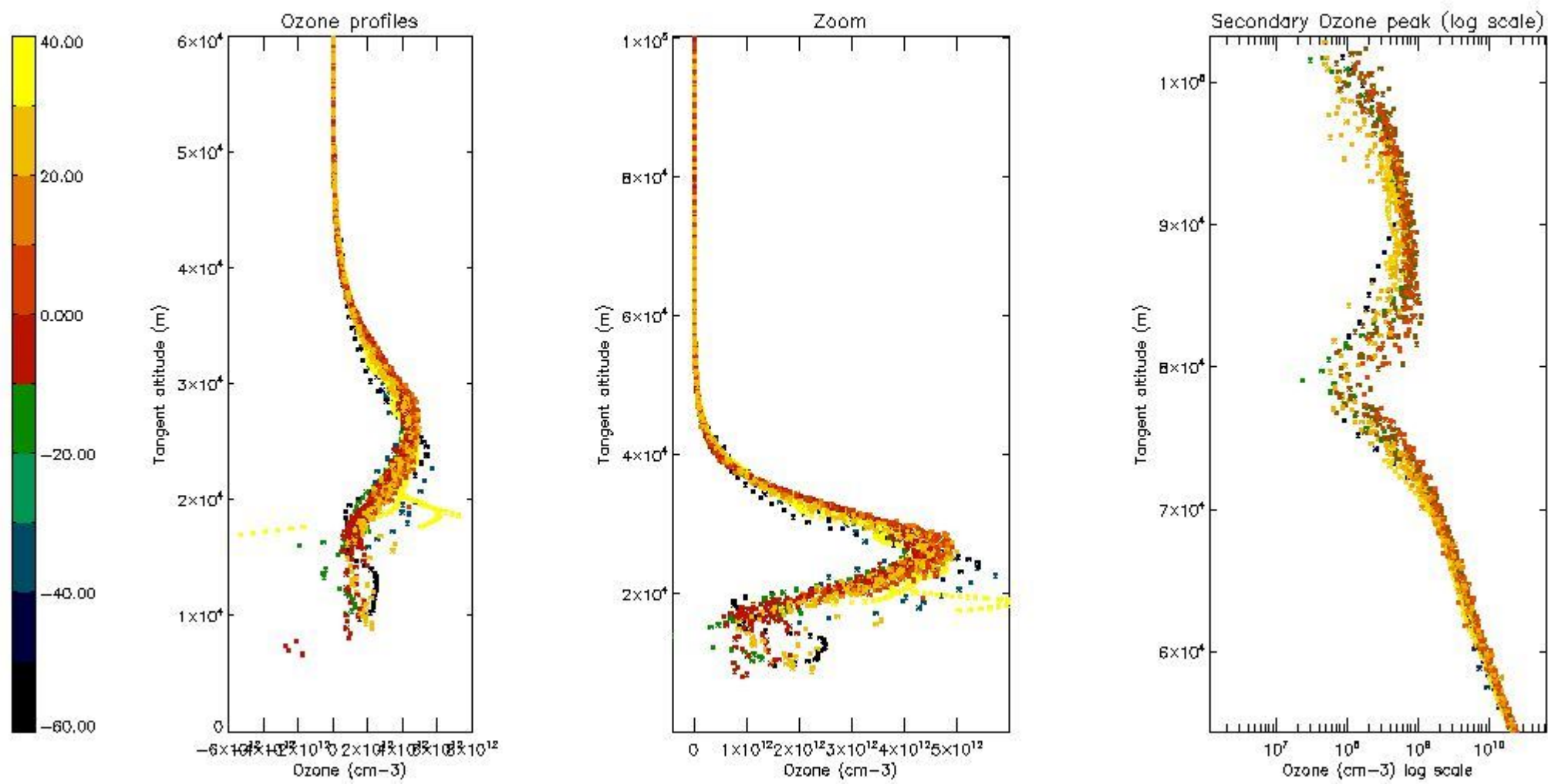
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



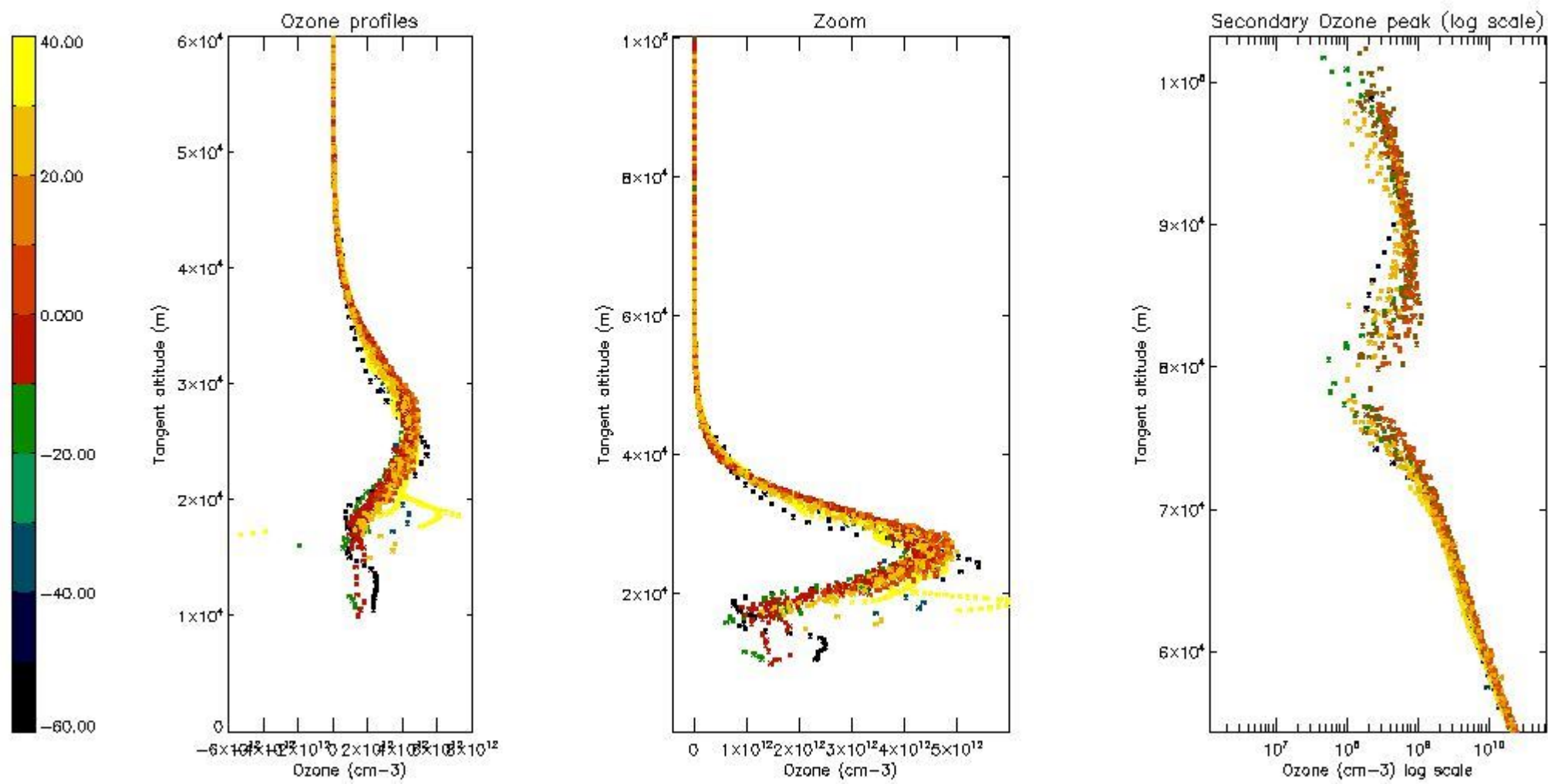
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



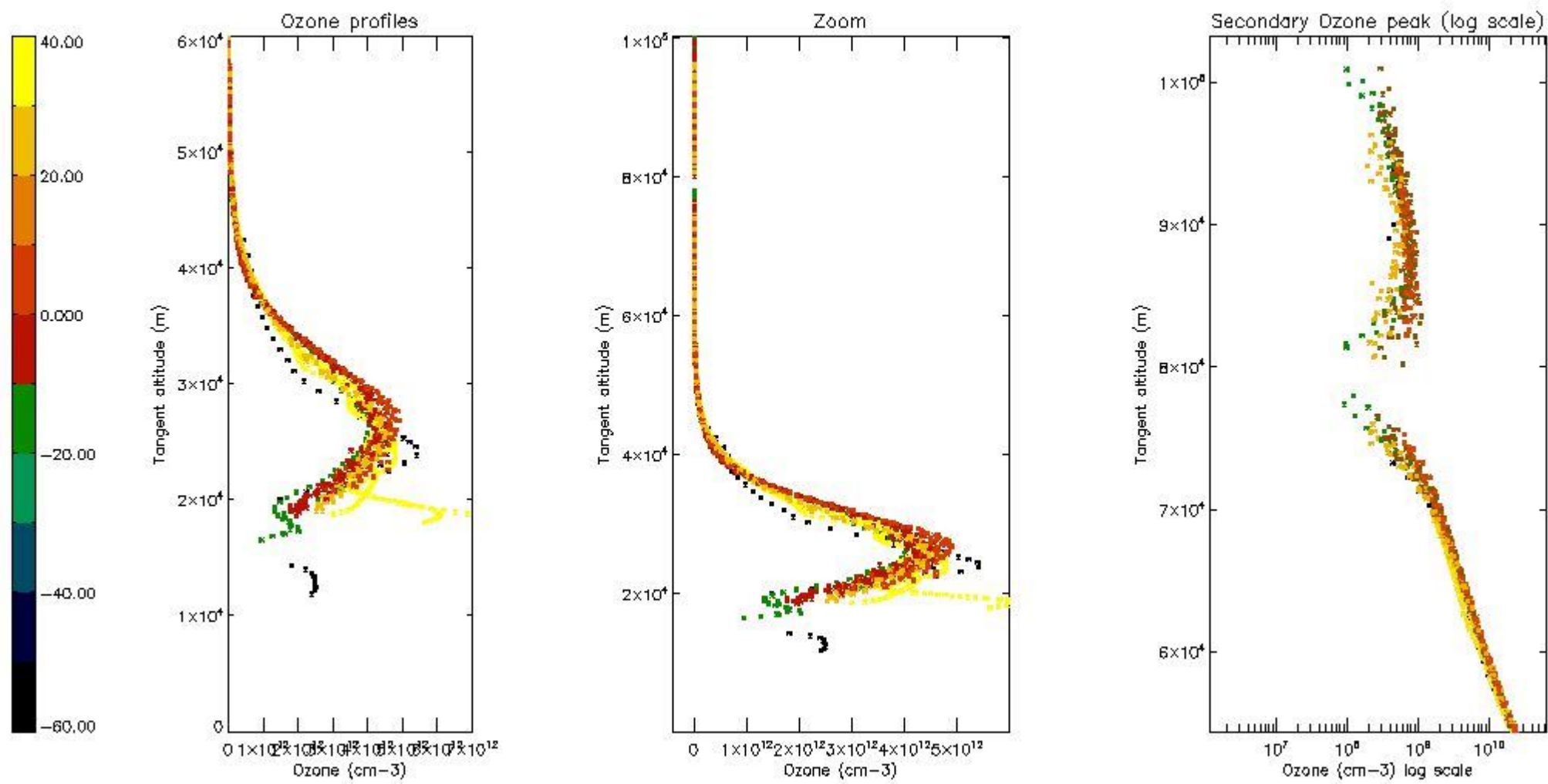
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



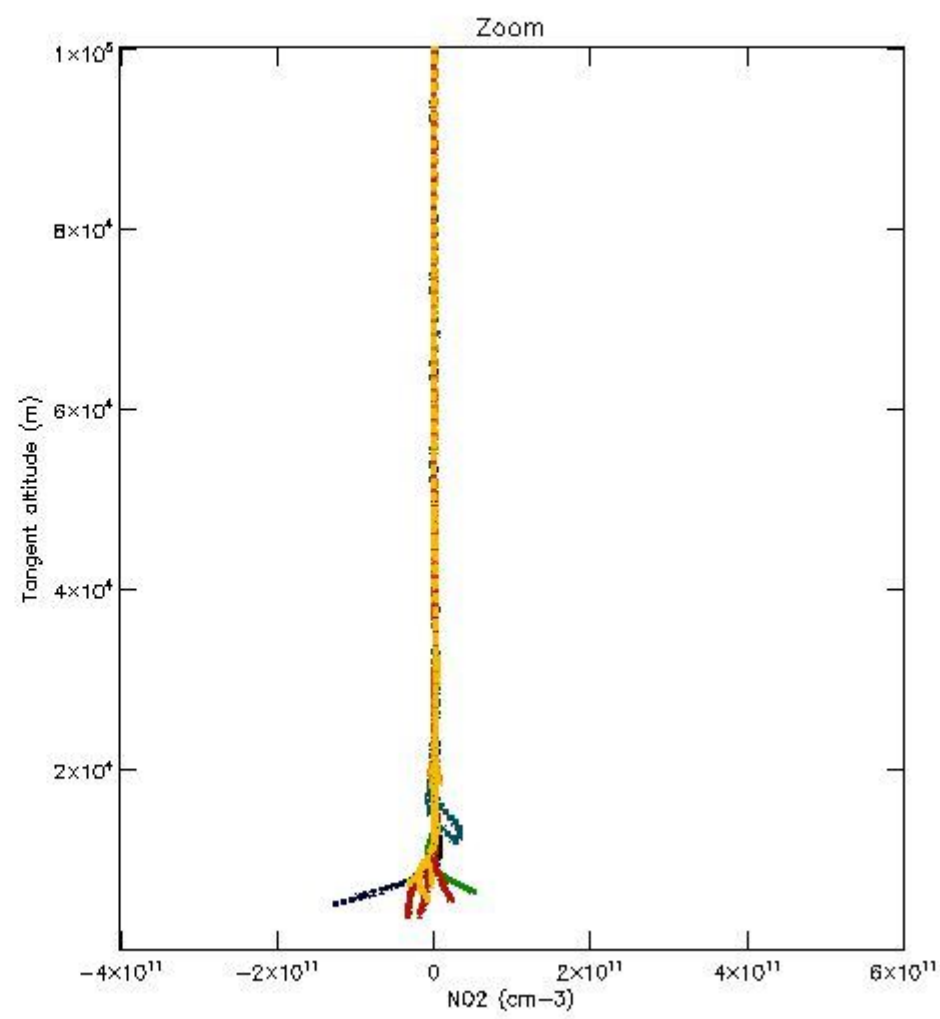
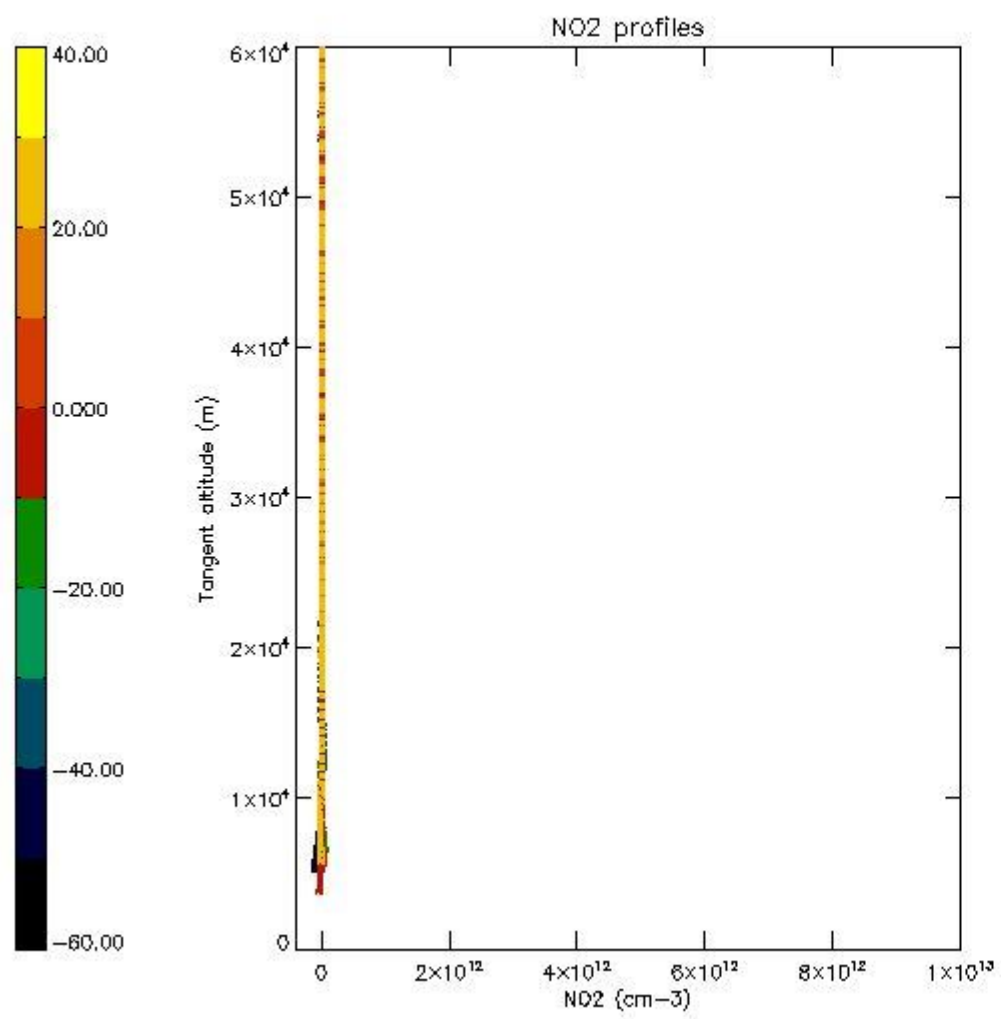
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



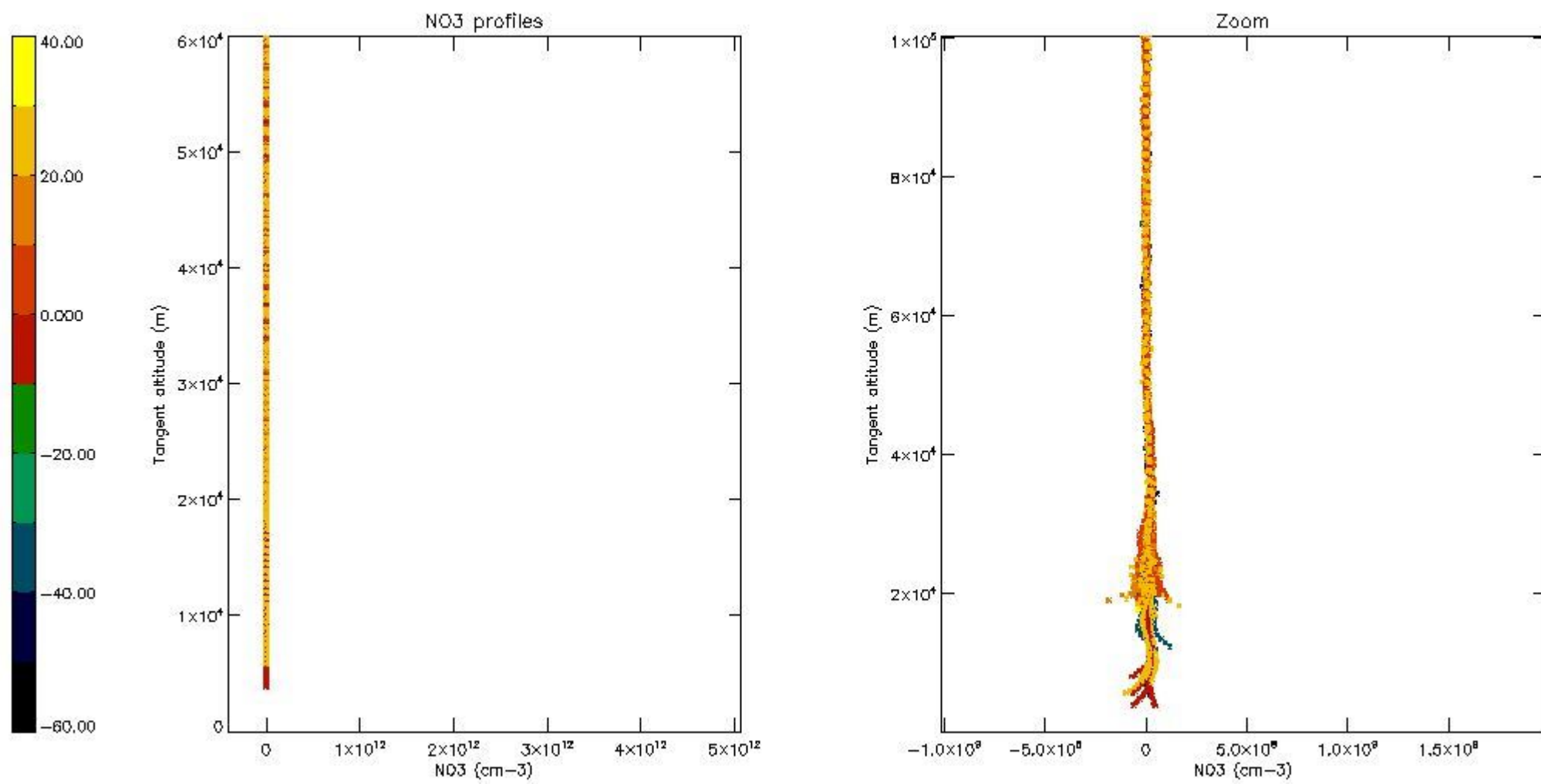
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



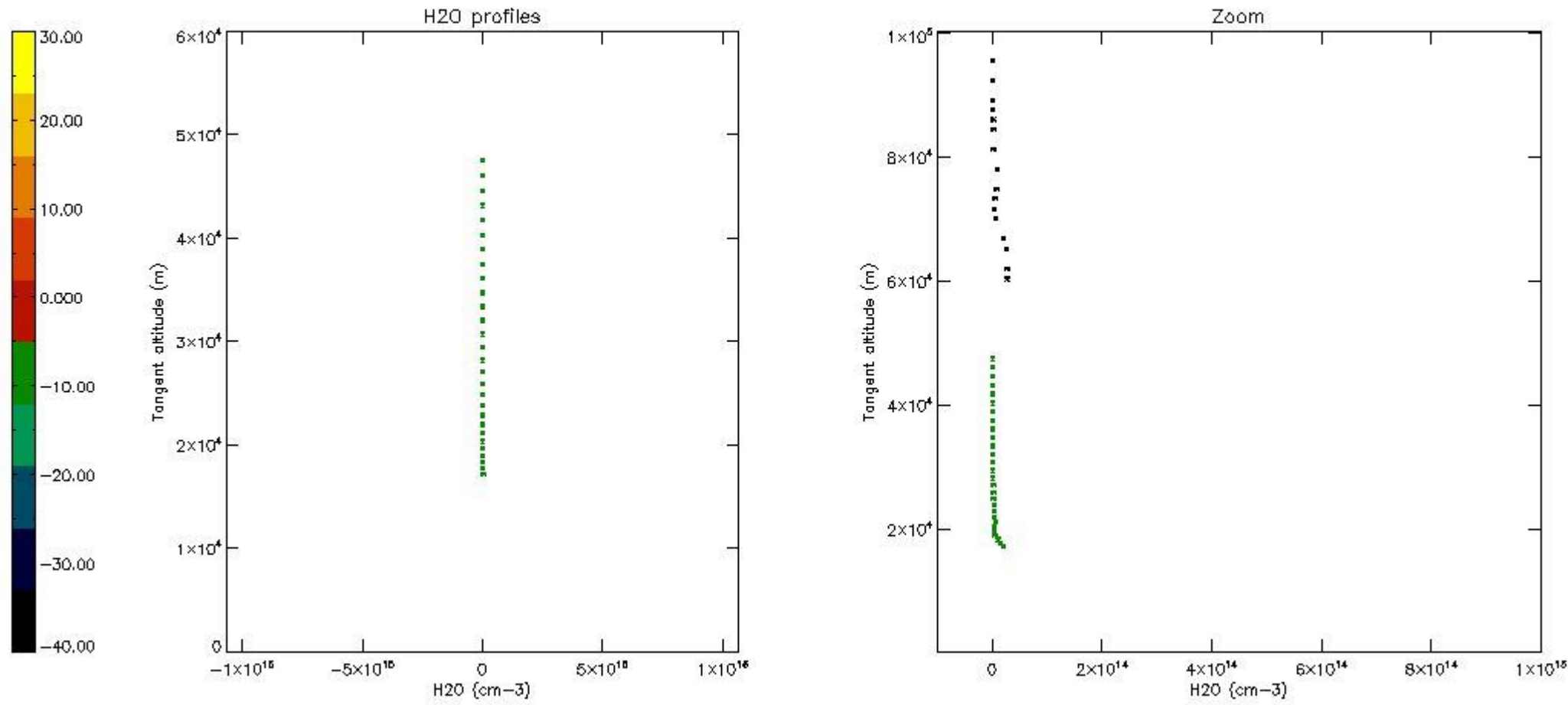
5.7 Plot NO3 profiles for all STD (dark without errors)

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_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	02-OCT-2002 00:52:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-OCT-2002 00:52:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-OCT-2002 00:52:00

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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[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	17APR2013 19:05:12
Data source version	GOMOS/6.01
Start time of products	02-10-2002 (02OCT2002 00:00:00)
Stop time of products	03-10-2002 (03OCT2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	114
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__2PRFIN20021002_005200_000000532010_00017_03077_8757.N1	02-OCT-2002 00:52:00	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	3077	No
2	GOM_NL__2PRFIN20021002_005907_000000442010_00017_03077_8758.N1	02-OCT-2002 00:59:07	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3077	No
3	GOM_NL__2PRFIN20021002_010118_000000462010_00017_03077_8759.N1	02-OCT-2002 01:01:18	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3077	No
4	GOM_NL__2PRFIN20021002_010246_000000472010_00017_03077_8760.N1	02-OCT-2002 01:02:46	Dark	47.000	9	Alp Eri	0.45300	24000.	94	3077	No
5	GOM_NL__2PRFIN20021002_010424_000000612010_00017_03077_8761.N1	02-OCT-2002 01:04:24	Straylight	61.000	157	The1Eri	2.9060	9300.0	122	3077	No
6	GOM_NL__2PRFIN20021002_010806_000000532010_00017_03077_8762.N1	02-OCT-2002 01:08:06	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	3077	No
7	GOM_NL__2PRFIN20021002_011245_000000492010_00017_03077_8763.N1	02-OCT-2002 01:12:45	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	3077	No
8	GOM_NL__2PRFIN20021002_011500_000000572010_00017_03077_8764.N1	02-OCT-2002 01:15:00	Straylight	56.500	52	16Bet Cet	2.0370	4500.0	113	3077	No
9	GOM_NL__2PRFIN20021002_012129_000000452010_00017_03077_8765.N1	02-OCT-2002 01:21:29	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	3077	No
10	GOM_NL__2PRFIN20021002_012510_000000442010_00017_03077_8766.N1	02-OCT-2002 01:25:10	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	3077	No
11	GOM_NL__2PRFIN20021002_012848_000000452010_00017_03077_8767.N1	02-OCT-2002 01:28:48	Bright	44.500	93	53Bet Peg	2.5200	3100.0	89	3077	No
12	GOM_NL__2PRFIN20021002_013053_000000732010_00017_03077_8768.N1	02-OCT-2002 01:30:53	Bright	73.000	105	6Bet Ari	2.6450	8900.0	146	3077	No
13	GOM_NL__2PRFIN20021002_013312_000000592010_00017_03077_8769.N1	02-OCT-2002 01:33:12	Bright	59.000	53	43Bet And	2.0480	3300.0	118	3077	No
14	GOM_NL__2PRFIN20021002_013810_000000482010_00017_03077_8770.N1	02-OCT-2002 01:38:10	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	3077	No
15	GOM_NL__2PRFIN20021002_014007_000000502010_00017_03077_8771.N1	02-OCT-2002 01:40:07	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	3077	No
16	GOM_NL__2PRFIN20021002_014318_000000632010_00017_03077_8772.N1	02-OCT-2002 01:43:18	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	3077	No
17	GOM_NL__2PRFIN20021002_014610_000000452010_00017_03077_8773.N1	02-OCT-2002 01:46:10	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3077	No
18	GOM_NL__2PRFIN20021002_014817_000000452010_00017_03077_8774.N1	02-OCT-2002 01:48:17	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	3077	No
19	GOM_NL__2PRFIN20021002_015408_000000452010_00017_03077_8775.N1	02-OCT-2002 01:54:08	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3077	No
20	GOM_NL__2PRFIN20021002_015539_000000422010_00017_03077_8776.N1	02-OCT-2002 01:55:39	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	3077	No
21	GOM_NL__2PRFIN20021002_015852_000000422010_00017_03077_8777.N1	02-OCT-2002 01:58:52	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	3077	No
22	GOM_NL__2PRFIN20021002_022448_000000512010_00017_03077_8839.N1	02-OCT-2002 02:24:48	Dark	51.000	65	Lam Vel	2.2040	4400.0	102	3077	No
23	GOM_NL__2PRFIN20021002_022659_000001082010_00017_03077_8840.N1	02-OCT-2002 02:26:59	Dark	108.00	1	9Alp CMa	-1.4400	11000.	216	3077	No
24	GOM_NL__2PRFIN20021002_023237_000000552010_00018_03078_8841.N1	02-OCT-2002 02:32:37	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	3078	No
25	GOM_NL__2PRFIN20021002_023943_000000442010_00018_03078_8842.N1	02-OCT-2002 02:39:43	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3078	No
26	GOM_NL__2PRFIN20021002_024154_000000462010_00018_03078_8843.N1	02-OCT-2002 02:41:54	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3078	No
27	GOM_NL__2PRFIN20021002_024322_000000522010_00018_03078_8844.N1	02-OCT-2002 02:43:22	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3078	No
28	GOM_NL__2PRFIN20021002_024500_000000612010_00018_03078_8845.N1	02-OCT-2002 02:45:00	Straylight	61.000	157	The1Eri	2.9060	9300.0	122	3078	No
29	GOM_NL__2PRFIN20021002_024842_000000472010_00018_03078_8846.N1	02-OCT-2002 02:48:42	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	3078	No
30	GOM_NL__2PRFIN20021002_025321_000000522010_00018_03078_8847.N1	02-OCT-2002 02:53:21	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	3078	No
31	GOM_NL__2PRFIN20021002_025536_000000582010_00018_03078_8848.N1	02-OCT-2002 02:55:36	Straylight	57.500	52	16Bet Cet	2.0370	4500.0	115	3078	No
32	GOM_NL__2PRFIN20021002_030205_000000452010_00018_03078_8849.N1	02-OCT-2002 03:02:05	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	3078	No
33	GOM_NL__2PRFIN20021002_030546_000000442010_00018_03078_8850.N1	02-OCT-2002 03:05:46	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	3078	No
34	GOM_NL__2PRFIN20021002_030924_000000432010_00018_03078_8851.N1	02-OCT-2002 03:09:24	Bright	43.000	93	53Bet Peg	2.5200	3100.0	86	3078	No
35	GOM_NL__2PRFIN20021002_031128_000000742010_00018_03078_8852.N1	02-OCT-2002 03:11:28	Bright	73.500	105	6Bet Ari	2.6450	8900.0	147	3078	No
36	GOM_NL__2PRFIN20021002_031347_000000572010_00018_03078_8853.N1	02-OCT-2002 03:13:47	Bright	57.000	53	43Bet And	2.0480	3300.0	114	3078	No
37	GOM_NL__2PRFIN20021002_031845_000000462010_00018_03078_8854.N1	02-OCT-2002 03:18:45	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	3078	No
38	GOM_NL__2PRFIN20021002_032042_000000482010_00018_03078_8855.N1	02-OCT-2002 03:20:42	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	3078	No
39	GOM_NL__2PRFIN20021002_032353_000000612010_00018_03078_8856.N1	02-OCT-2002 03:23:53	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	3078	No
40	GOM_NL__2PRFIN20021002_032646_000000422010_00018_03078_8857.N1	02-OCT-2002 03:26:46	Bright	41.500	49	1Alp UMi	1.9900	6300.0	83	3078	No
41	GOM_NL__2PRFIN20021002_032853_000000442010_00018_03078_8858.N1	02-OCT-2002 03:28:53	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3078	No
42	GOM_NL__2PRFIN20021002_033444_000000442010_00018_03078_8859.N1	02-OCT-2002 03:34:44	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	3078	No

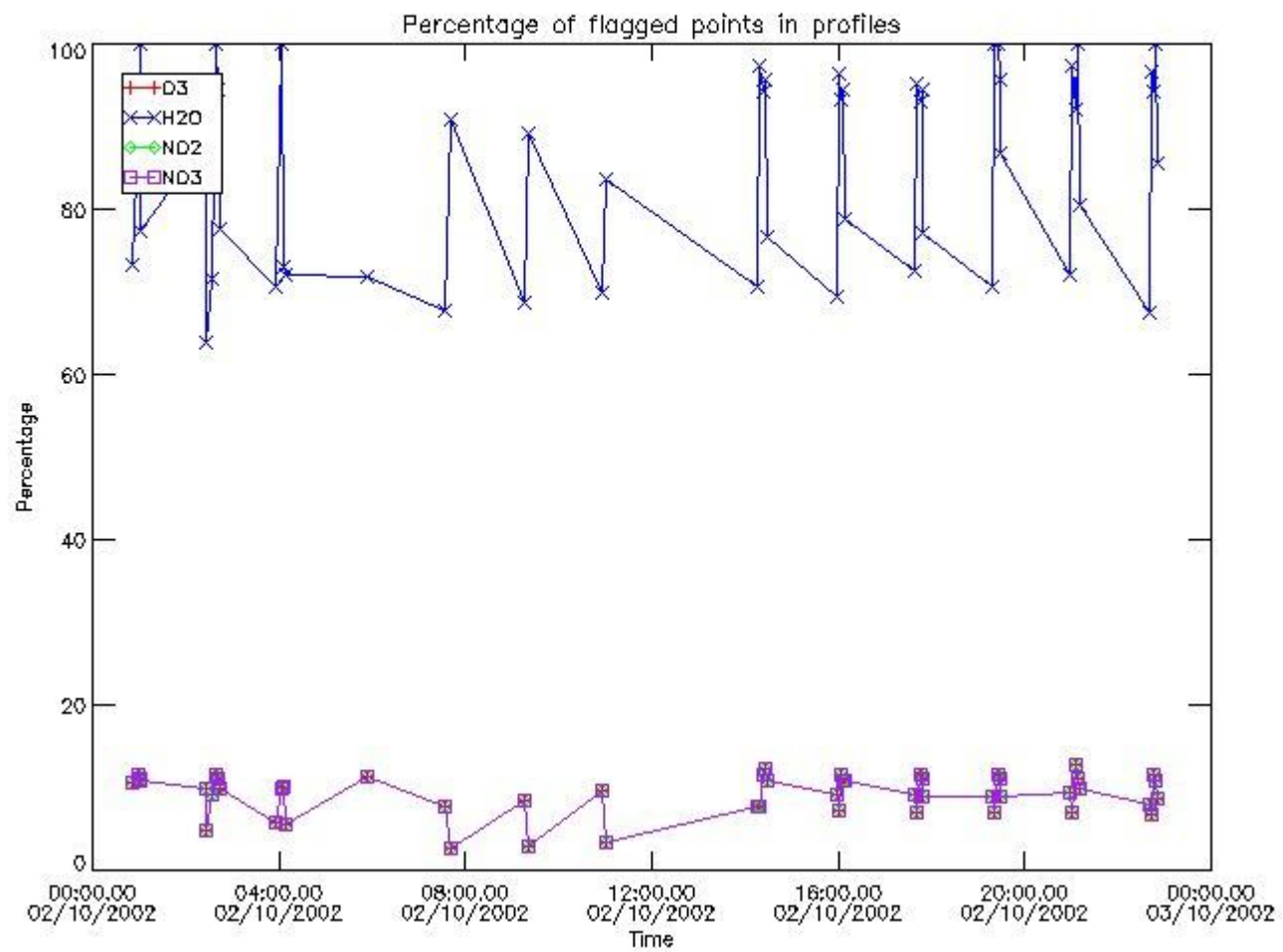
43	GOM_NL__2PRFIN20021002_033615_00000422010_00018_03078_8860.N1	02-OCT-2002 03:36:15	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	3078	No
44	GOM_NL__2PRFIN20021002_033928_00000412010_00018_03078_8861.N1	02-OCT-2002 03:39:28	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	3078	No
45	GOM_NL__2PRFIN20021002_034138_000001122010_00018_03078_8862.N1	02-OCT-2002 03:41:38	Bright	111.50	107	37The Aur	2.6490	11000.	223	3078	No
46	GOM_NL__2PRFIN20021002_034449_00000682010_00018_03078_8863.N1	02-OCT-2002 03:44:49	Bright	68.000	24	66Alp Gem	1.5800	10200.	136	3078	No
47	GOM_NL__2PRFIN20021002_034938_000001242010_00018_03078_8864.N1	02-OCT-2002 03:49:38	Tw_i_and_stray	124.00	170	27Eps Gem	3.0000	9700.0	248	3078	No
48	GOM_NL__2PRFIN20021002_035552_000000962010_00018_03078_8865.N1	02-OCT-2002 03:55:52	Dark	95.500	8	10Alp CMi	0.40000	6500.0	191	3078	No
49	GOM_NL__2PRFIN20021002_040254_000000522010_00018_03078_8866.N1	02-OCT-2002 04:02:54	Dark	52.000	132	15Rho Pup	2.8030	6900.0	104	3078	No
50	GOM_NL__2PRFIN20021002_040525_000000512010_00018_03078_8867.N1	02-OCT-2002 04:05:25	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	3078	No
51	GOM_NL__2PRFIN20021002_040737_000000912010_00018_03078_8868.N1	02-OCT-2002 04:07:37	Dark	91.000	1	9Alp CMa	-1.4400	11000.	182	3078	No
52	GOM_NL__2PRFIN20021002_055351_000000542010_00020_03080_8749.N1	02-OCT-2002 05:53:51	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	3080	No
53	GOM_NL__2PRFIN20021002_073428_000000672010_00021_03081_8758.N1	02-OCT-2002 07:34:28	Dark	67.000	2	Alp Car	-0.73600	7000.0	134	3081	No
54	GOM_NL__2PRFIN20021002_074045_000001912010_00021_03081_8759.N1	02-OCT-2002 07:40:45	Dark	191.00	101	11Alp Lep	2.5820	7000.0	382	3081	No
55	GOM_NL__2PRFIN20021002_074651_000000592010_00021_03081_8760.N1	02-OCT-2002 07:46:51	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3081	No
56	GOM_NL__2PRFIN20021002_075030_000000502010_00021_03081_8761.N1	02-OCT-2002 07:50:30	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	3081	No
57	GOM_NL__2PRFIN20021002_075510_000000472010_00021_03081_8762.N1	02-OCT-2002 07:55:10	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	3081	No
58	GOM_NL__2PRFIN20021002_075724_000000572010_00021_03081_8763.N1	02-OCT-2002 07:57:24	Straylight	56.500	52	16Bet Cet	2.0370	4500.0	113	3081	No
59	GOM_NL__2PRFIN20021002_091504_000000612010_00022_03082_8758.N1	02-OCT-2002 09:15:04	Dark	61.000	2	Alp Car	-0.73600	7000.0	122	3082	No
60	GOM_NL__2PRFIN20021002_092124_000001952010_00022_03082_8759.N1	02-OCT-2002 09:21:24	Dark	194.50	101	11Alp Lep	2.5820	7000.0	389	3082	No
61	GOM_NL__2PRFIN20021002_092727_000000602010_00022_03082_8760.N1	02-OCT-2002 09:27:27	Straylight	60.000	157	The1Eri	2.9060	9300.0	120	3082	No
62	GOM_NL__2PRFIN20021002_093106_000000562010_00022_03082_8761.N1	02-OCT-2002 09:31:06	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	3082	No
63	GOM_NL__2PRFIN20021002_093546_000000452010_00022_03082_8762.N1	02-OCT-2002 09:35:46	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	3082	No
64	GOM_NL__2PRFIN20021002_093800_000000582010_00022_03082_8763.N1	02-OCT-2002 09:38:00	Straylight	57.500	52	16Bet Cet	2.0370	4500.0	115	3082	No
65	GOM_NL__2PRFIN20021002_105541_000000542010_00023_03083_8758.N1	02-OCT-2002 10:55:41	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	3083	No
66	GOM_NL__2PRFIN20021002_110204_000001892010_00023_03083_8759.N1	02-OCT-2002 11:02:04	Dark	189.00	101	11Alp Lep	2.5820	7000.0	378	3083	No
67	GOM_NL__2PRFIN20021002_110804_000000592010_00023_03083_8760.N1	02-OCT-2002 11:08:04	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3083	No
68	GOM_NL__2PRFIN20021002_111143_000000592010_00023_03083_8761.N1	02-OCT-2002 11:11:43	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	3083	No
69	GOM_NL__2PRFIN20021002_111622_000000472010_00023_03083_8762.N1	02-OCT-2002 11:16:22	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	3083	No
70	GOM_NL__2PRFIN20021002_111837_000000572010_00023_03083_8763.N1	02-OCT-2002 11:18:37	Straylight	57.000	52	16Bet Cet	2.0370	4500.0	114	3083	No
71	GOM_NL__2PRFIN20021002_141655_000000672010_00025_03085_8778.N1	02-OCT-2002 14:16:55	Dark	67.000	2	Alp Car	-0.73600	7000.0	134	3085	No
72	GOM_NL__2PRFIN20021002_141922_000000732010_00025_03085_8779.N1	02-OCT-2002 14:19:22	Dark	73.000	108	Alp Col	2.6520	15200.	146	3085	No
73	GOM_NL__2PRFIN20021002_142356_000000442010_00025_03085_8780.N1	02-OCT-2002 14:23:56	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3085	No
74	GOM_NL__2PRFIN20021002_142610_000000462010_00025_03085_8781.N1	02-OCT-2002 14:26:10	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3085	No
75	GOM_NL__2PRFIN20021002_142737_000000482010_00025_03085_8782.N1	02-OCT-2002 14:27:37	Dark	47.500	9	Alp Eri	0.45300	24000.	95	3085	No
76	GOM_NL__2PRFIN20021002_142918_000000582010_00025_03085_8783.N1	02-OCT-2002 14:29:18	Straylight	58.000	157	The1Eri	2.9060	9300.0	116	3085	No
77	GOM_NL__2PRFIN20021002_143255_000000502010_00025_03085_8784.N1	02-OCT-2002 14:32:55	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	3085	No
78	GOM_NL__2PRFIN20021002_143735_000000512010_00025_03085_8785.N1	02-OCT-2002 14:37:35	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	3085	No
79	GOM_NL__2PRFIN20021002_155730_000000562010_00026_03086_8778.N1	02-OCT-2002 15:57:30	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	3086	No
80	GOM_NL__2PRFIN20021002_155958_000000722010_00026_03086_8779.N1	02-OCT-2002 15:59:58	Dark	71.500	108	Alp Col	2.6520	15200.	143	3086	No
81	GOM_NL__2PRFIN20021002_160432_000000452010_00026_03086_8780.N1	02-OCT-2002 16:04:32	Dark	44.500	135	Bet Hyi	2.8200	5800.0	89	3086	No
82	GOM_NL__2PRFIN20021002_160645_000000472010_00026_03086_8781.N1	02-OCT-2002 16:06:45	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3086	No
83	GOM_NL__2PRFIN20021002_160812_000000482010_00026_03086_8782.N1	02-OCT-2002 16:08:12	Dark	47.500	9	Alp Eri	0.45300	24000.	95	3086	No
84	GOM_NL__2PRFIN20021002_160953_000000602010_00026_03086_8783.N1	02-OCT-2002 16:09:53	Straylight	59.500	157	The1Eri	2.9060	9300.0	119	3086	No
85	GOM_NL__2PRFIN20021002_161330_000000572010_00026_03086_8784.N1	02-OCT-2002 16:13:30	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	3086	No
86	GOM_NL__2PRFIN20021002_161810_000000502010_00026_03086_8785.N1	02-OCT-2002 16:18:10	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	3086	No
87	GOM_NL__2PRFIN20021002_173807_000000552010_00027_03087_8778.N1	02-OCT-2002 17:38:07	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	3087	No
88	GOM_NL__2PRFIN20021002_174036_000000742010_00027_03087_8779.N1	02-OCT-2002 17:40:36	Dark	73.500	108	Alp Col	2.6520	15200.	147	3087	No
89	GOM_NL__2PRFIN20021002_174508_000000442010_00027_03087_8780.N1	02-OCT-2002 17:45:08	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3087	No
90	GOM_NL__2PRFIN20021002_174722_000000462010_00027_03087_8781.N1	02-OCT-2002 17:47:22	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3087	No
91	GOM_NL__2PRFIN20021002_174849_000000572010_00027_03087_8782.N1	02-OCT-2002 17:48:49	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3087	No
92	GOM_NL__2PRFIN20021002_175030_000000592010_00027_03087_8783.N1	02-OCT-2002 17:50:30	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3087	No
93	GOM_NL__2PRFIN20021002_175407_000000502010_00027_03087_8784.N1	02-OCT-2002 17:54:07	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	3087	No
94	GOM_NL__2PRFIN20021002_191844_000000572010_00028_03088_8778.N1	02-OCT-2002 19:18:44	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	3088	No
95	GOM_NL__2PRFIN20021002_192113_000000742010_00028_03088_8779.N1	02-OCT-2002 19:21:13	Dark	73.500	108	Alp Col	2.6520	15200.	147	3088	No
96	GOM_NL__2PRFIN20021002_192544_000000442010_00028_03088_8780.N1	02-OCT-2002 19:25:44	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3088	No
97	GOM_NL__2PRFIN20021002_192758_000000462010_00028_03088_8781.N1	02-OCT-2002 19:27:58	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3088	No
98	GOM_NL__2PRFIN20021002_192925_000000572010_00028_03088_8782.N1	02-OCT-2002 19:29:25	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3088	No
99	GOM_NL__2PRFIN20021002_193106_000000592010_00028_03088_8783.N1	02-OCT-2002 19:31:06	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3088	No
100	GOM_NL__2PRFIN20021002_193443_000000592010_00028_03088_8784.N1	02-OCT-2002 19:34:43	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	3088	No
101	GOM_NL__2PRFIN20021002_205921_000000542010_00029_03089_8778.N1	02-OCT-2002 20:59:21	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	3089	No

102	GOM_NL__2PRFIN20021002_210151_000000732010_00029_03089_8779.N1	02-OCT-2002 21:01:51	Dark	73.000	108	Alp Col	2.6520	15200.	146	3089	No
103	GOM_NL__2PRFIN20021002_210620_000000442010_00029_03089_8780.N1	02-OCT-2002 21:06:20	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	3089	No
104	GOM_NL__2PRFIN20021002_210834_000000462010_00029_03089_8781.N1	02-OCT-2002 21:08:34	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3089	No
105	GOM_NL__2PRFIN20021002_211002_000000522010_00029_03089_8782.N1	02-OCT-2002 21:10:02	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3089	No
106	GOM_NL__2PRFIN20021002_211143_000000592010_00029_03089_8783.N1	02-OCT-2002 21:11:43	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3089	No
107	GOM_NL__2PRFIN20021002_211519_000000532010_00029_03089_8784.N1	02-OCT-2002 21:15:19	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	3089	No
108	GOM_NL__2PRFIN20021002_223957_000000652010_00030_03090_8778.N1	02-OCT-2002 22:39:57	Dark	65.000	2	Alp Car	-0.73600	7000.0	130	3090	No
109	GOM_NL__2PRFIN20021002_224228_000000752010_00030_03090_8779.N1	02-OCT-2002 22:42:28	Dark	74.500	108	Alp Col	2.6520	15200.	149	3090	No
110	GOM_NL__2PRFIN20021002_224656_000000452010_00030_03090_8780.N1	02-OCT-2002 22:46:56	Dark	44.500	135	Bet Hyi	2.8200	5800.0	89	3090	No
111	GOM_NL__2PRFIN20021002_224911_000000472010_00030_03090_8781.N1	02-OCT-2002 22:49:11	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3090	No
112	GOM_NL__2PRFIN20021002_225038_000000592010_00030_03090_8782.N1	02-OCT-2002 22:50:38	Dark	59.000	9	Alp Eri	0.45300	24000.	118	3090	No
113	GOM_NL__2PRFIN20021002_225220_000000582010_00030_03090_8783.N1	02-OCT-2002 22:52:20	Straylight	58.000	157	The1Eri	2.9060	9300.0	116	3090	No
114	GOM_NL__2PRFIN20021002_225555_000000572010_00030_03090_8784.N1	02-OCT-2002 22:55:55	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	3090	No

3. Quality information per product

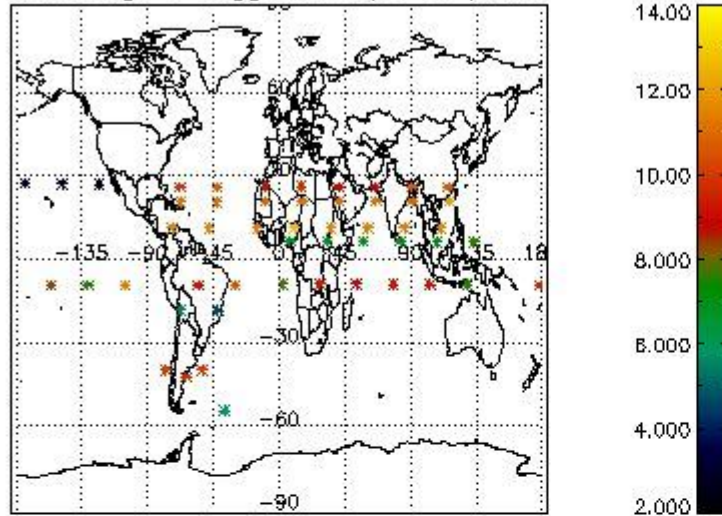
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

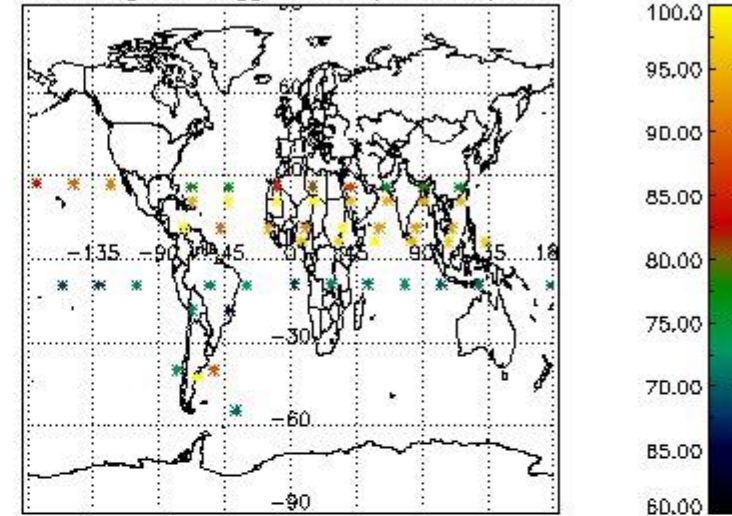


3.2 Plot quality information per product (world map)

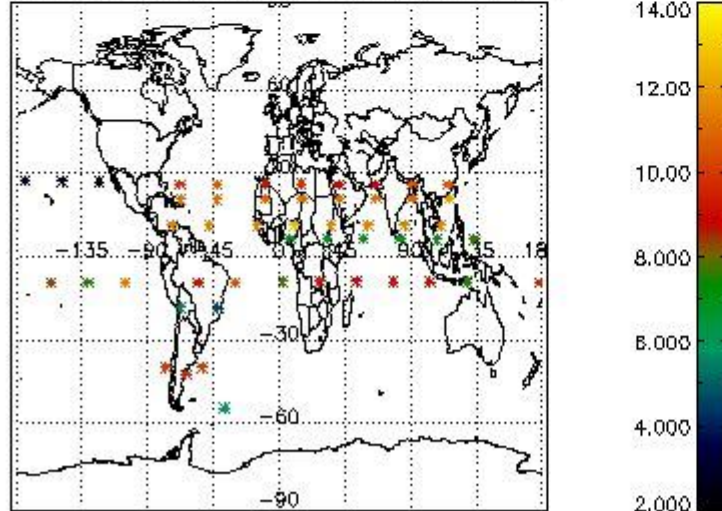
Percentage of flagged data per O3 profile



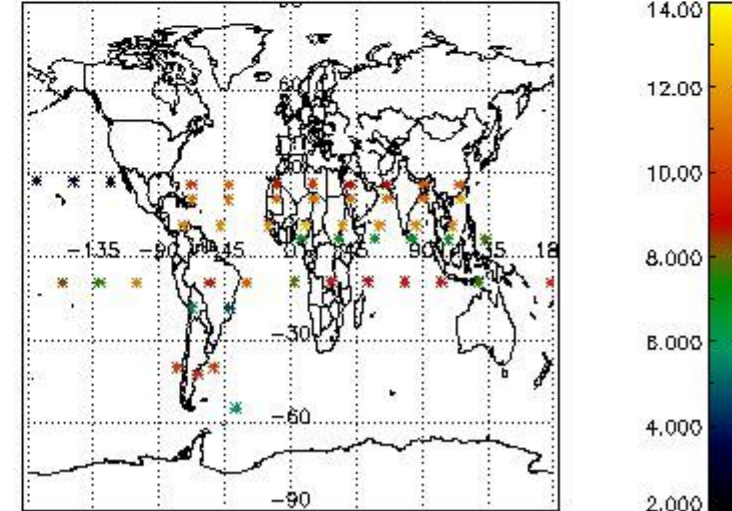
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

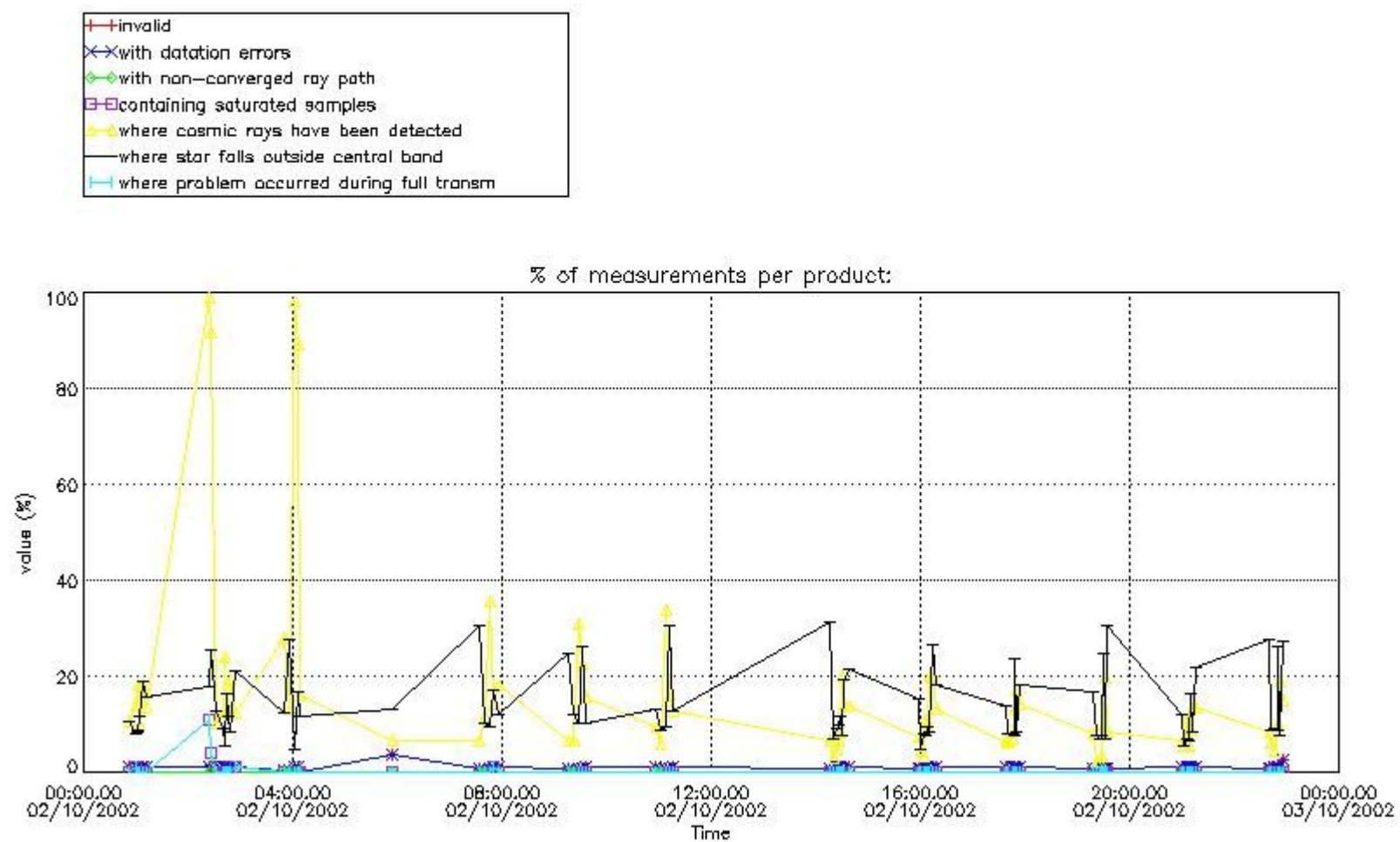


4. Level 1 quality information per product

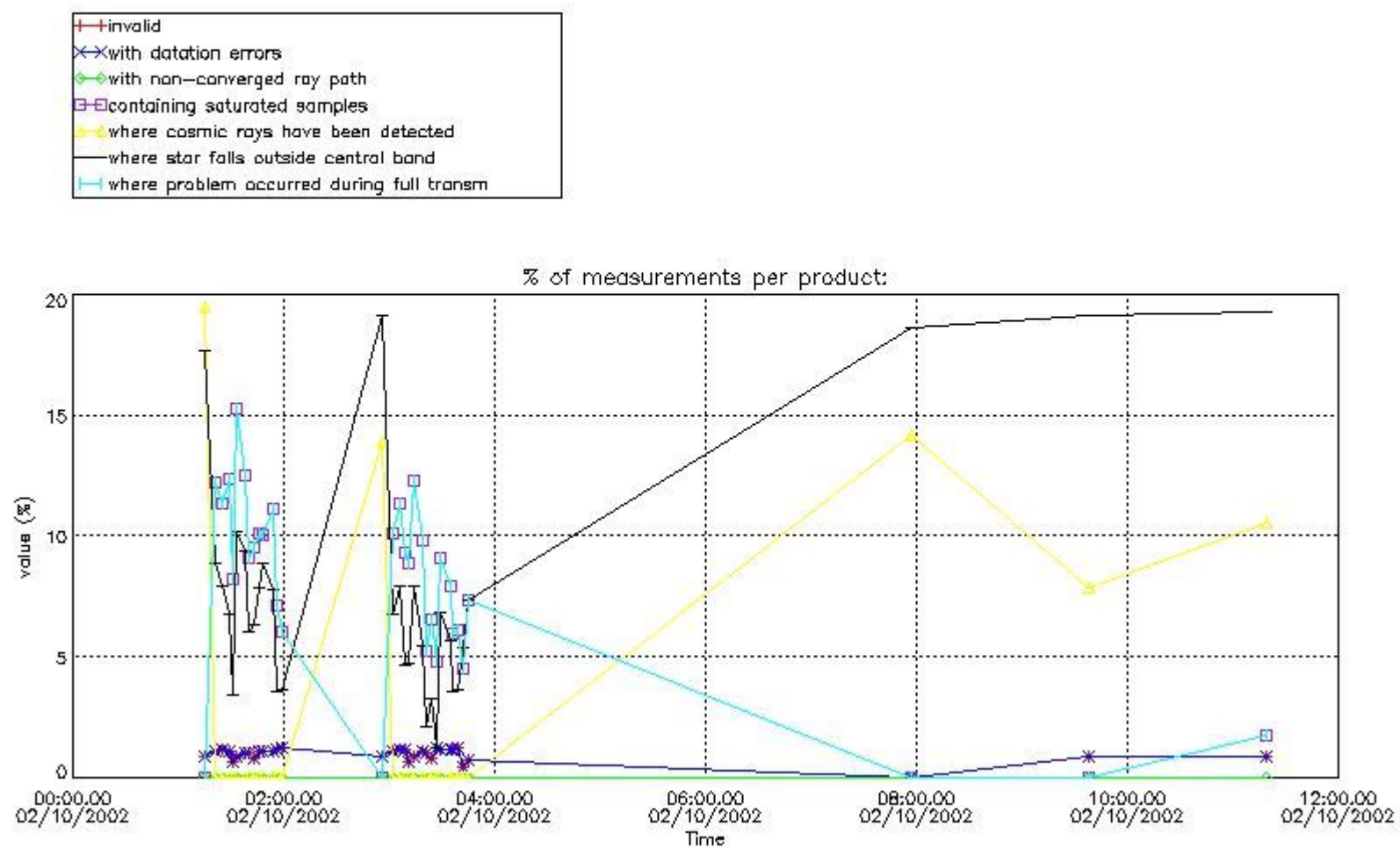
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

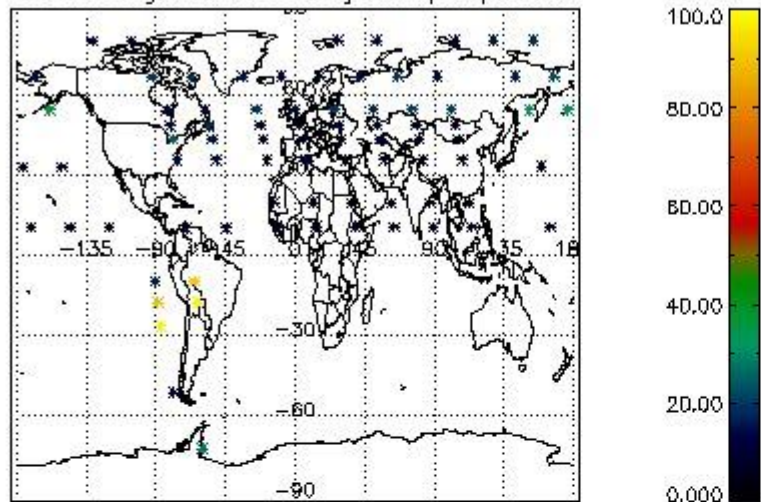


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

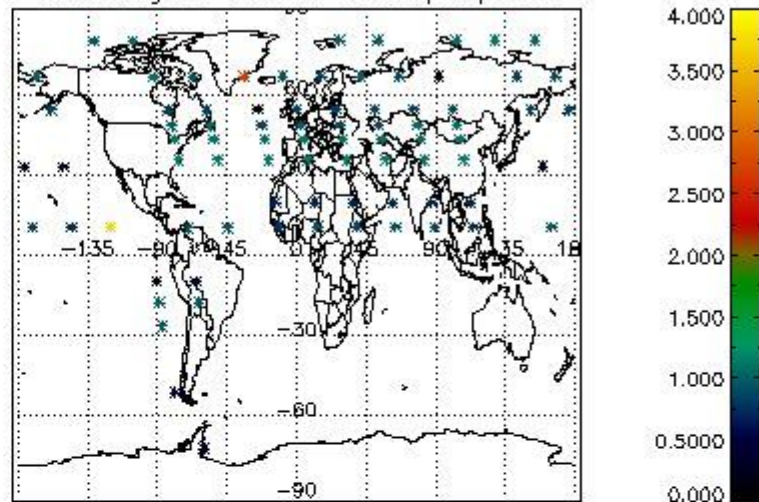


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

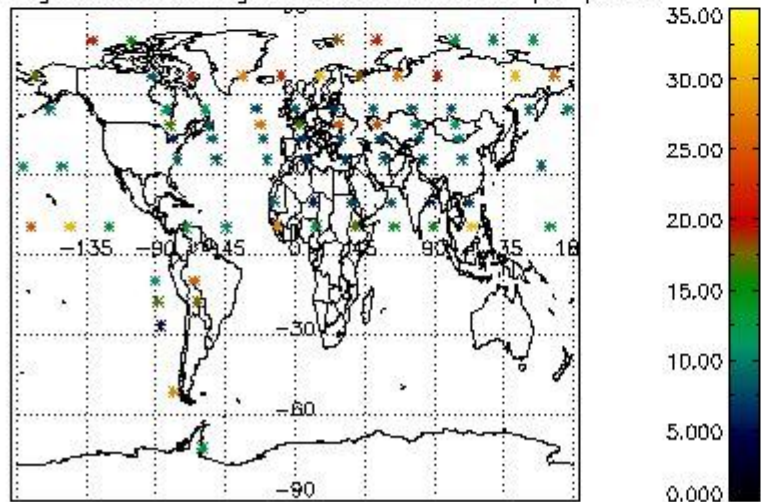
Percentage of cosmic ray hits per profile



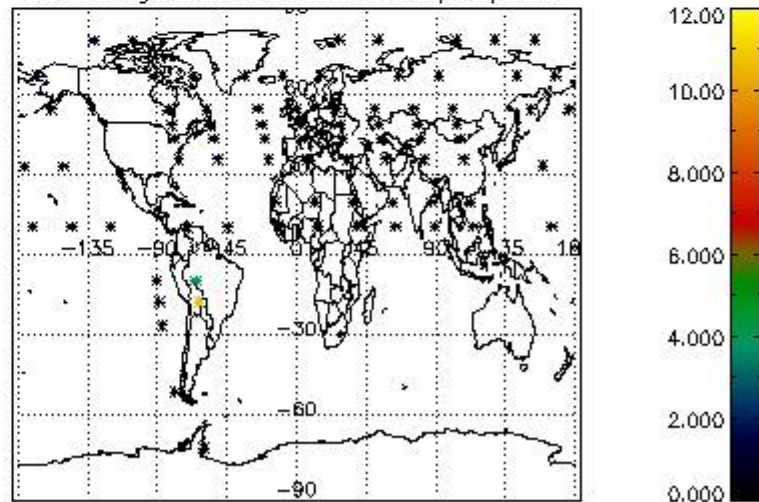
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

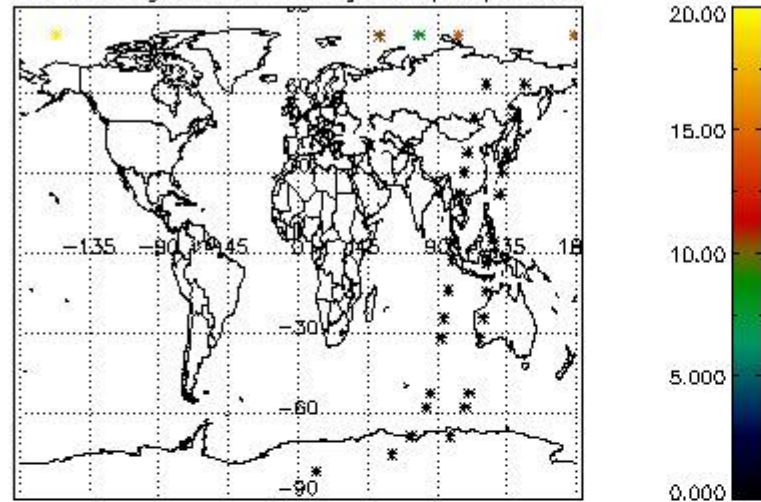


Percentage of saturation errors per profile

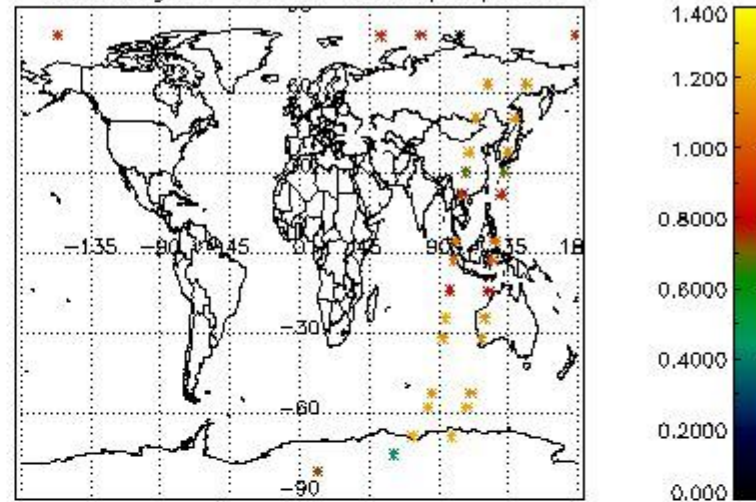


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

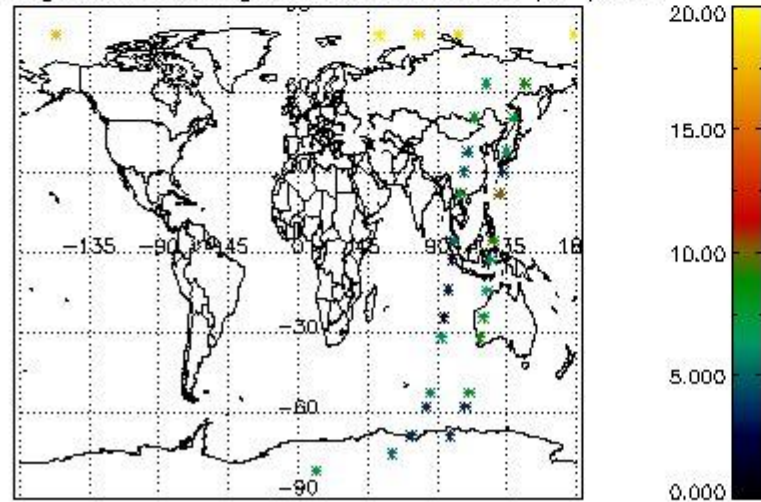
Percentage of cosmic ray hits per profile



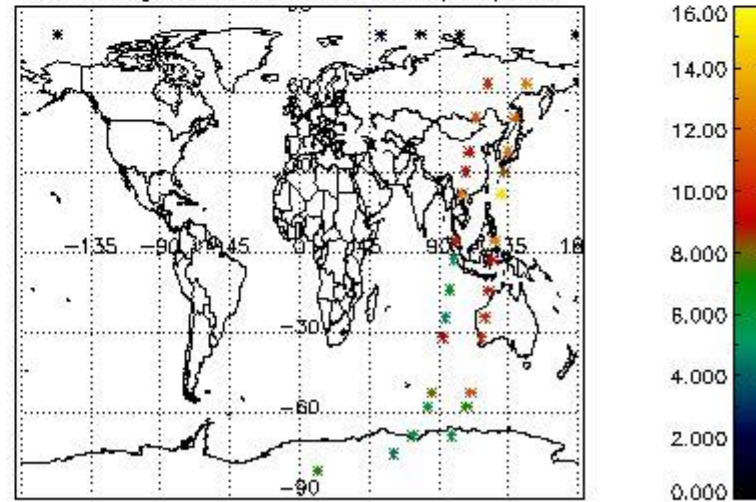
Percentage of datation errors per profile



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

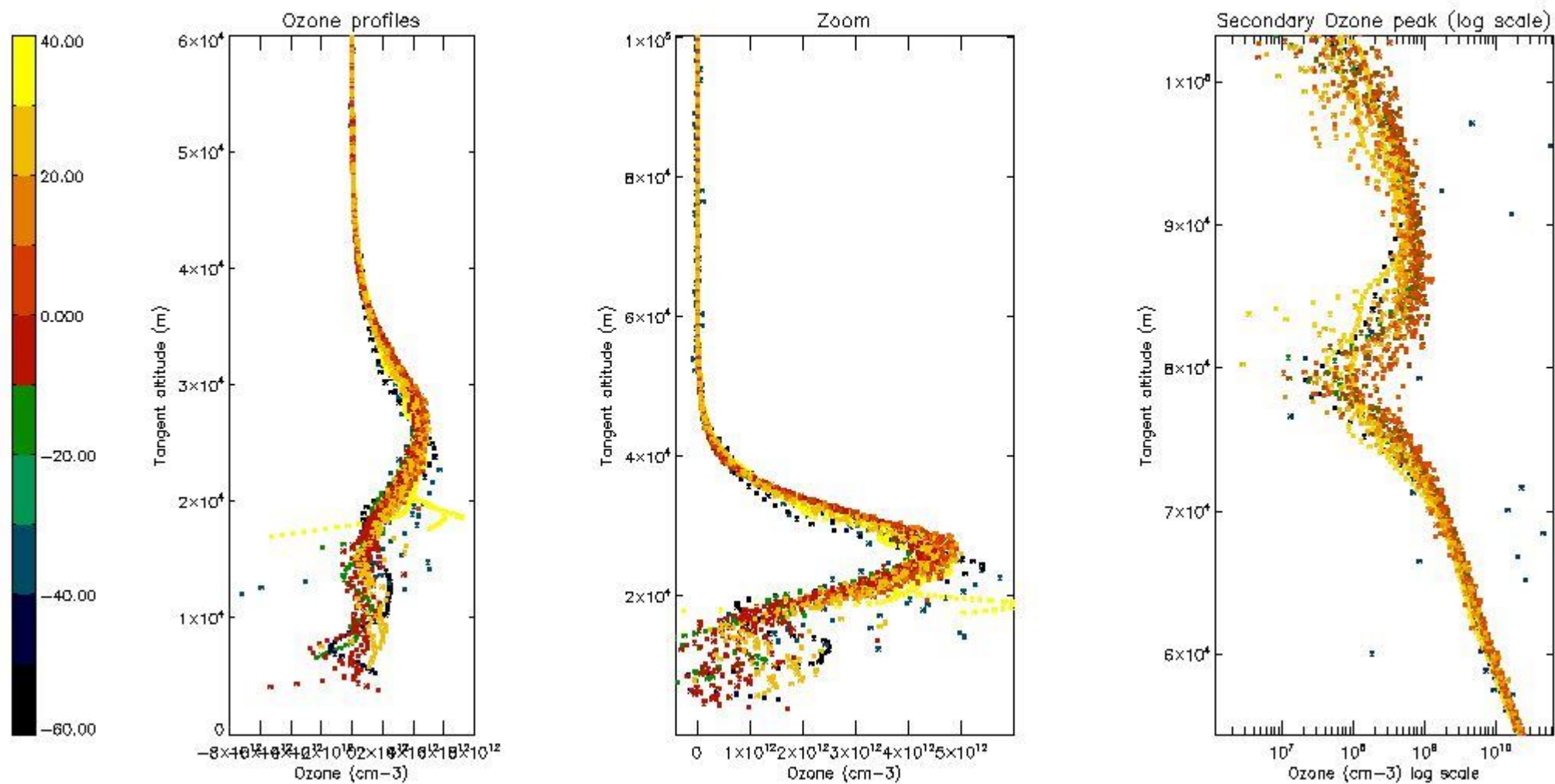
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	28

STD < 10	25
STD < 5	19

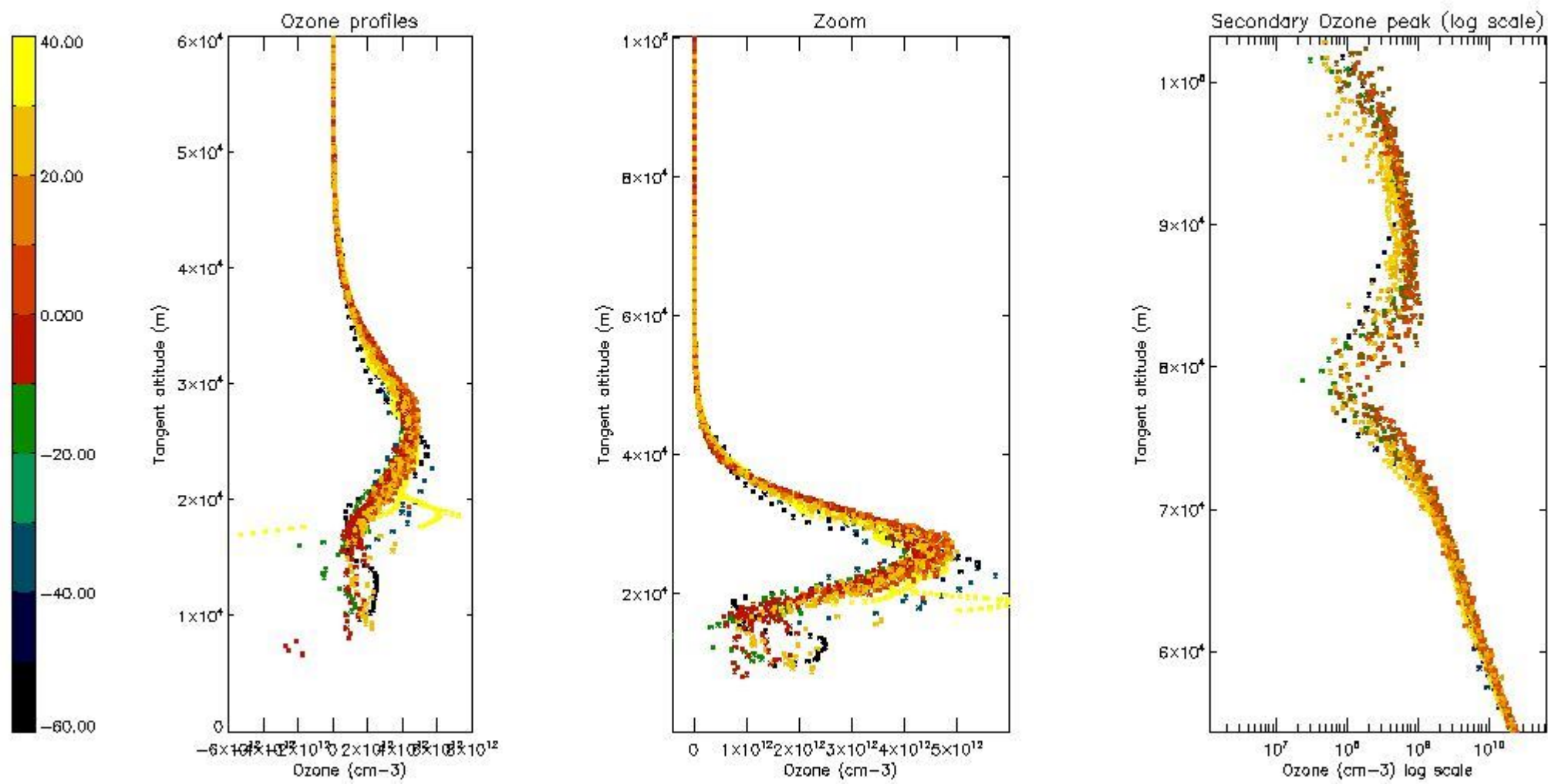
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



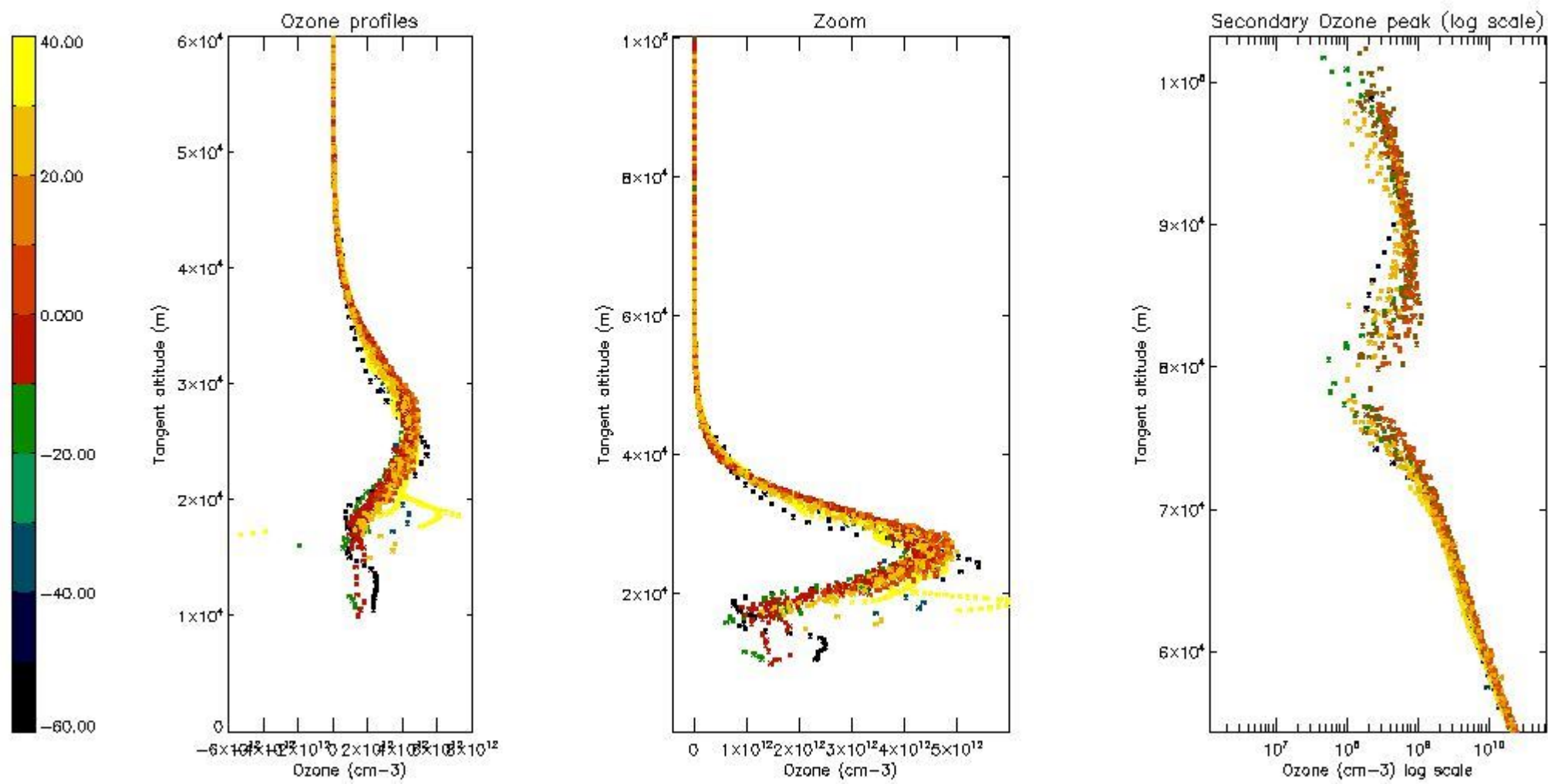
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



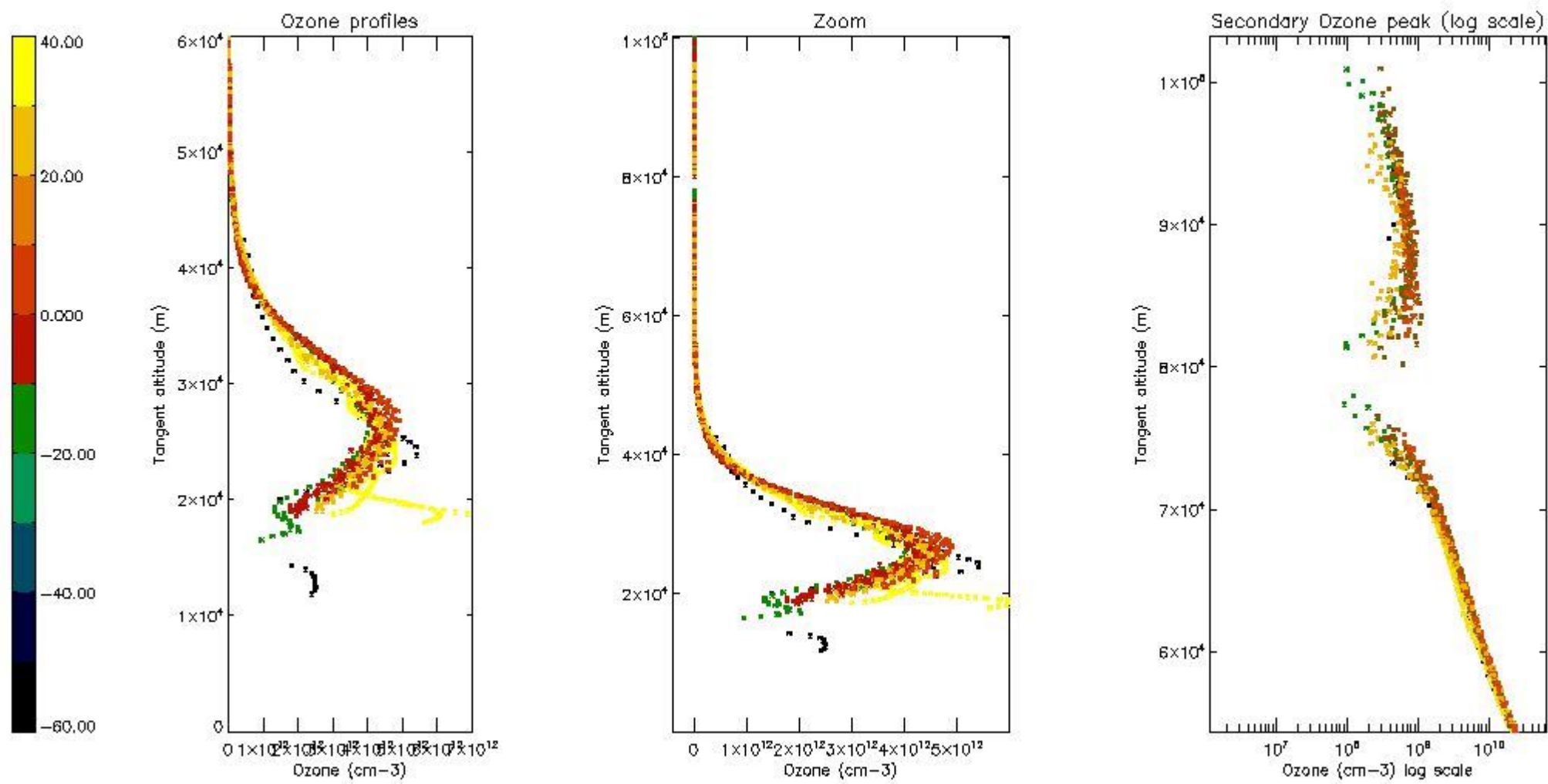
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



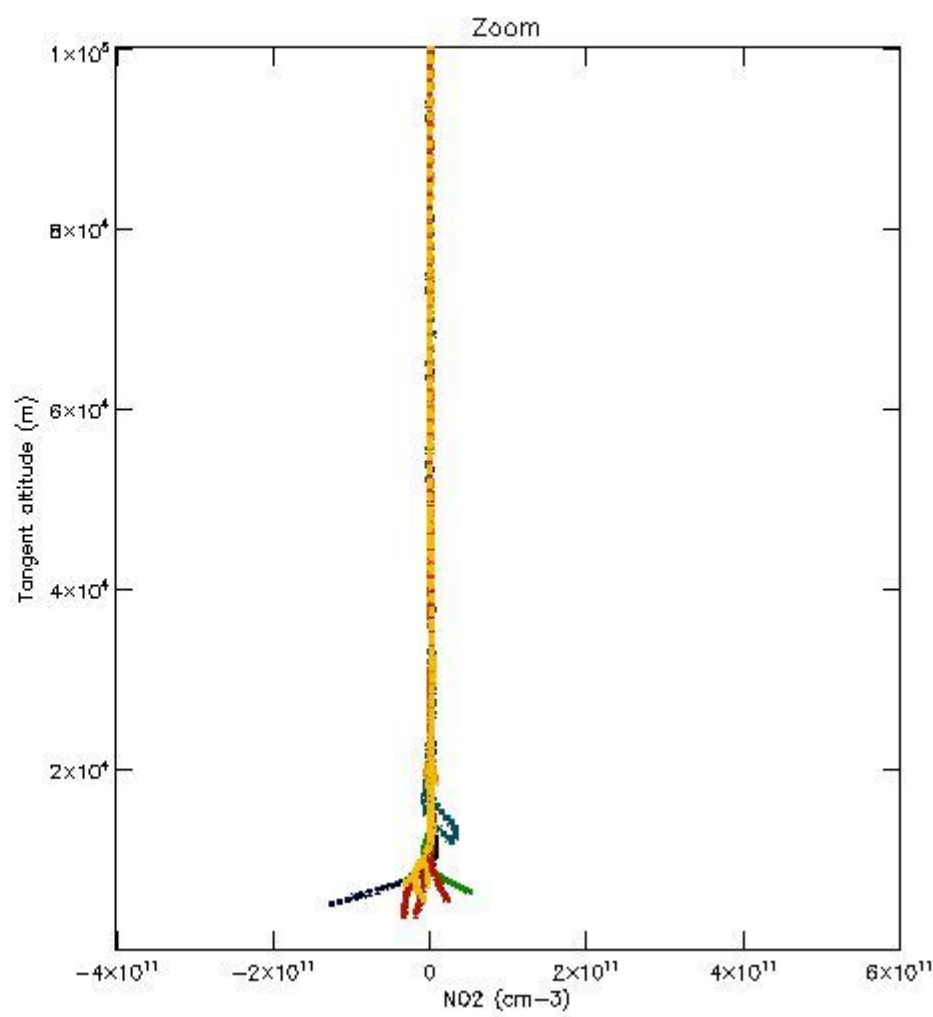
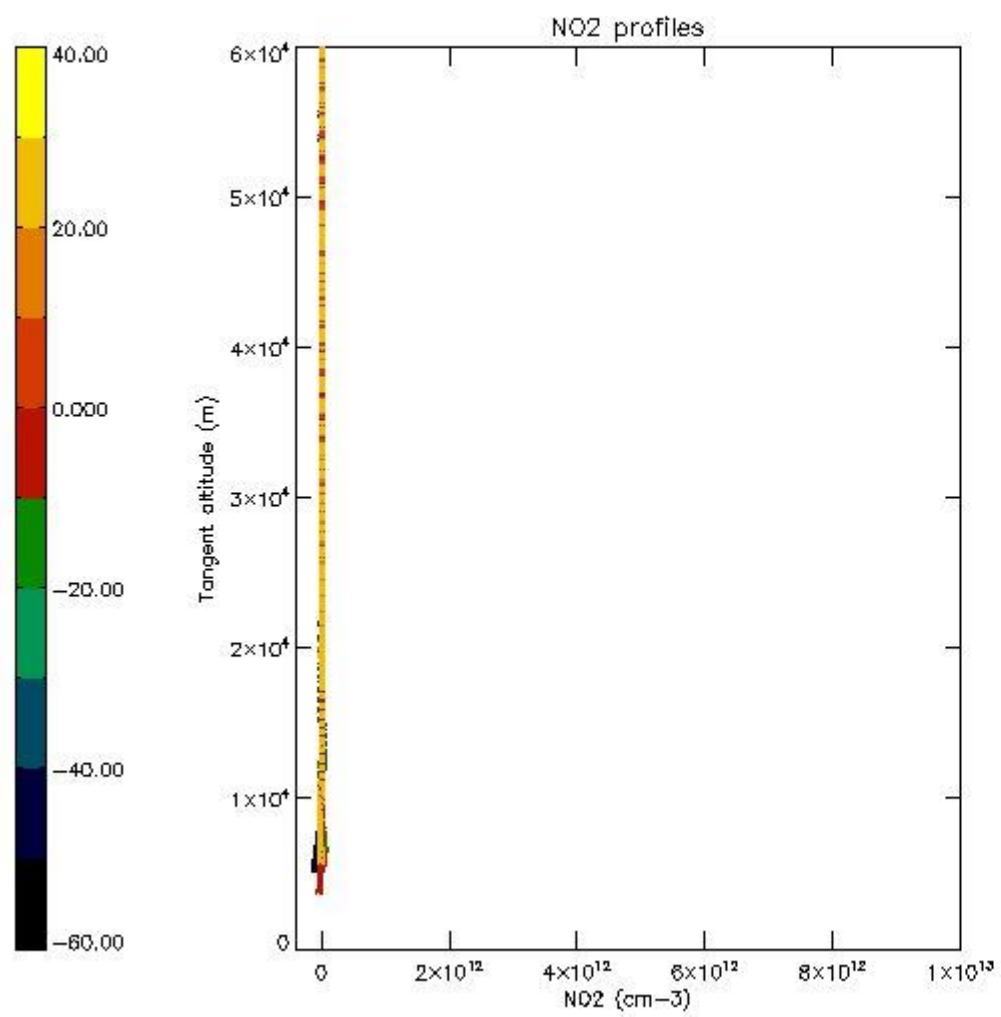
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



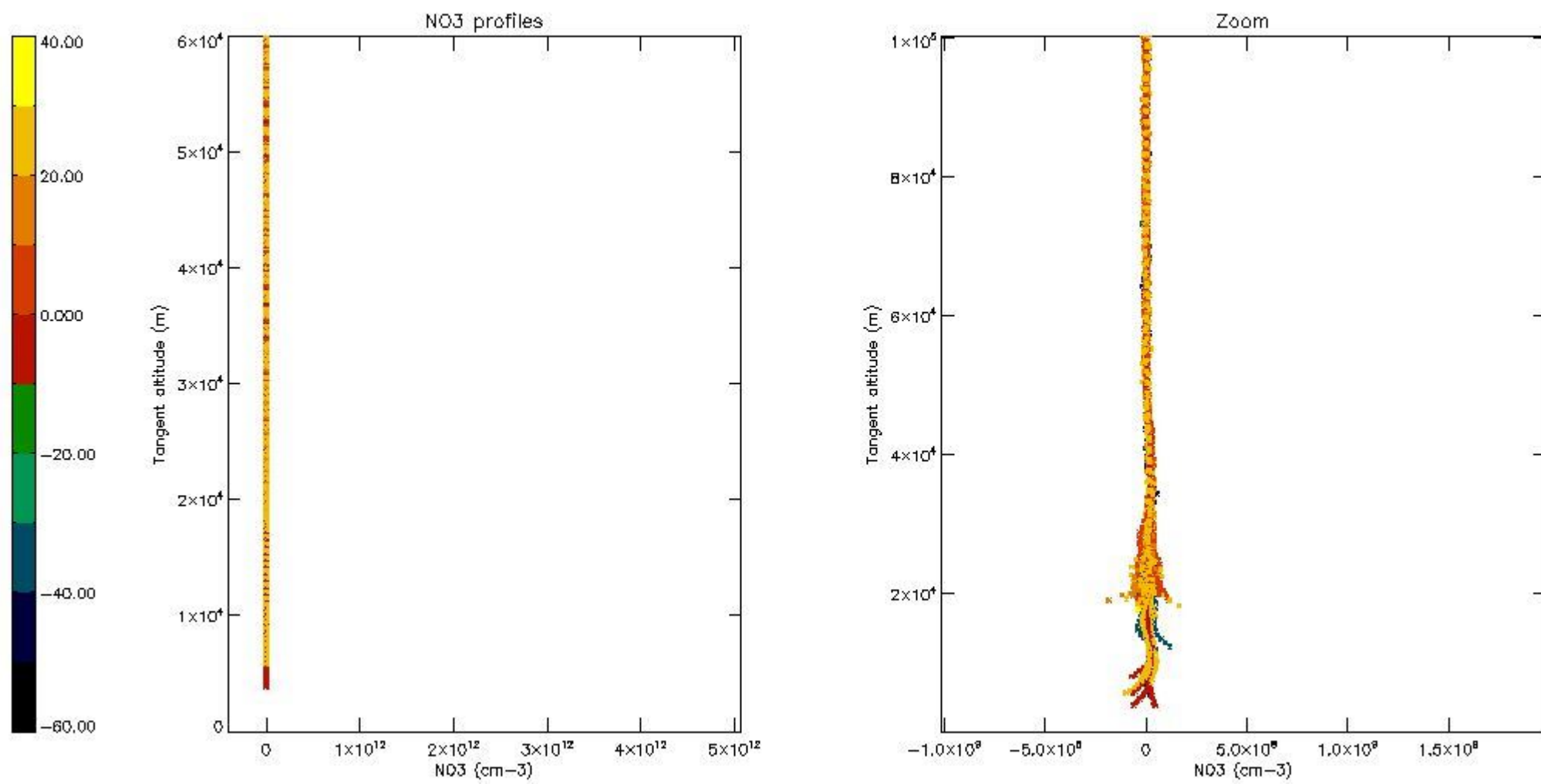
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



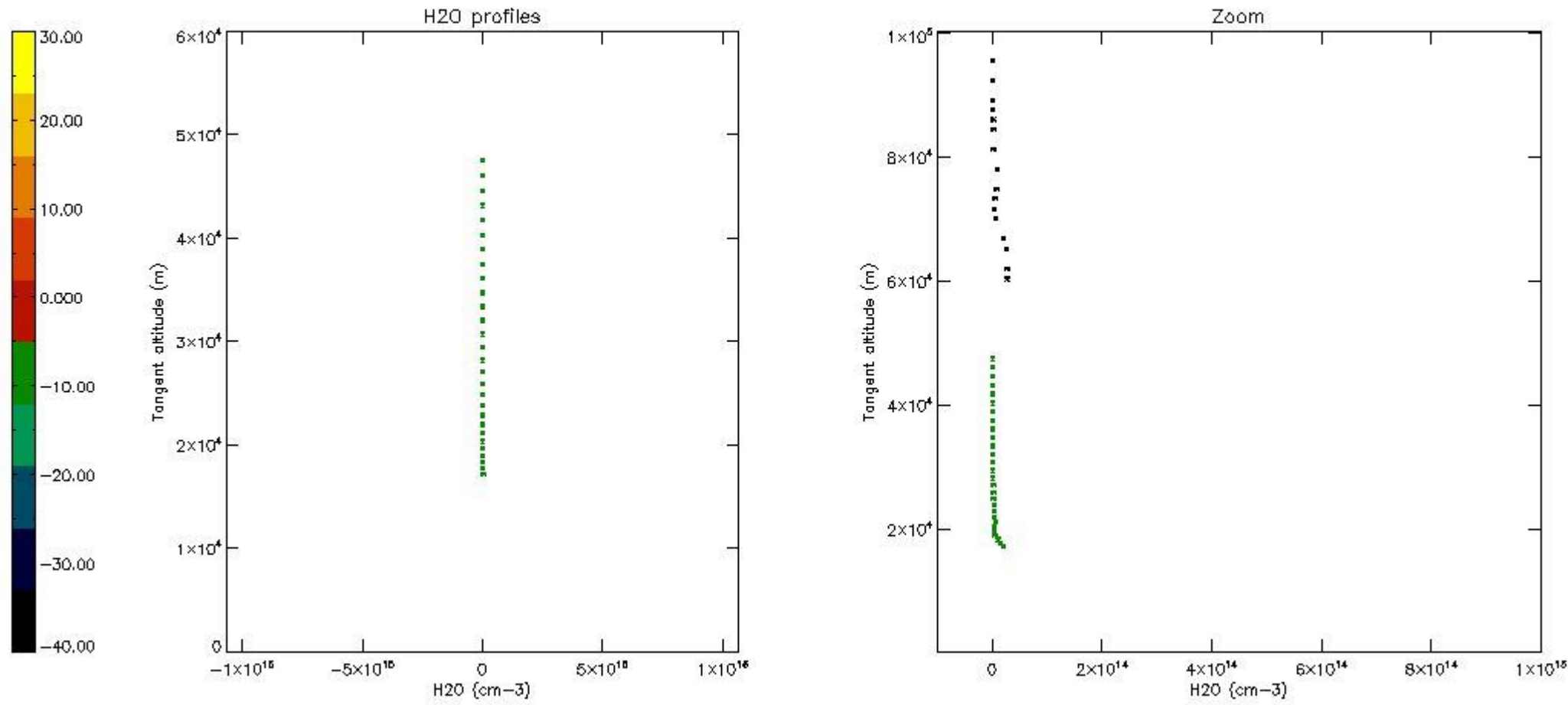
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

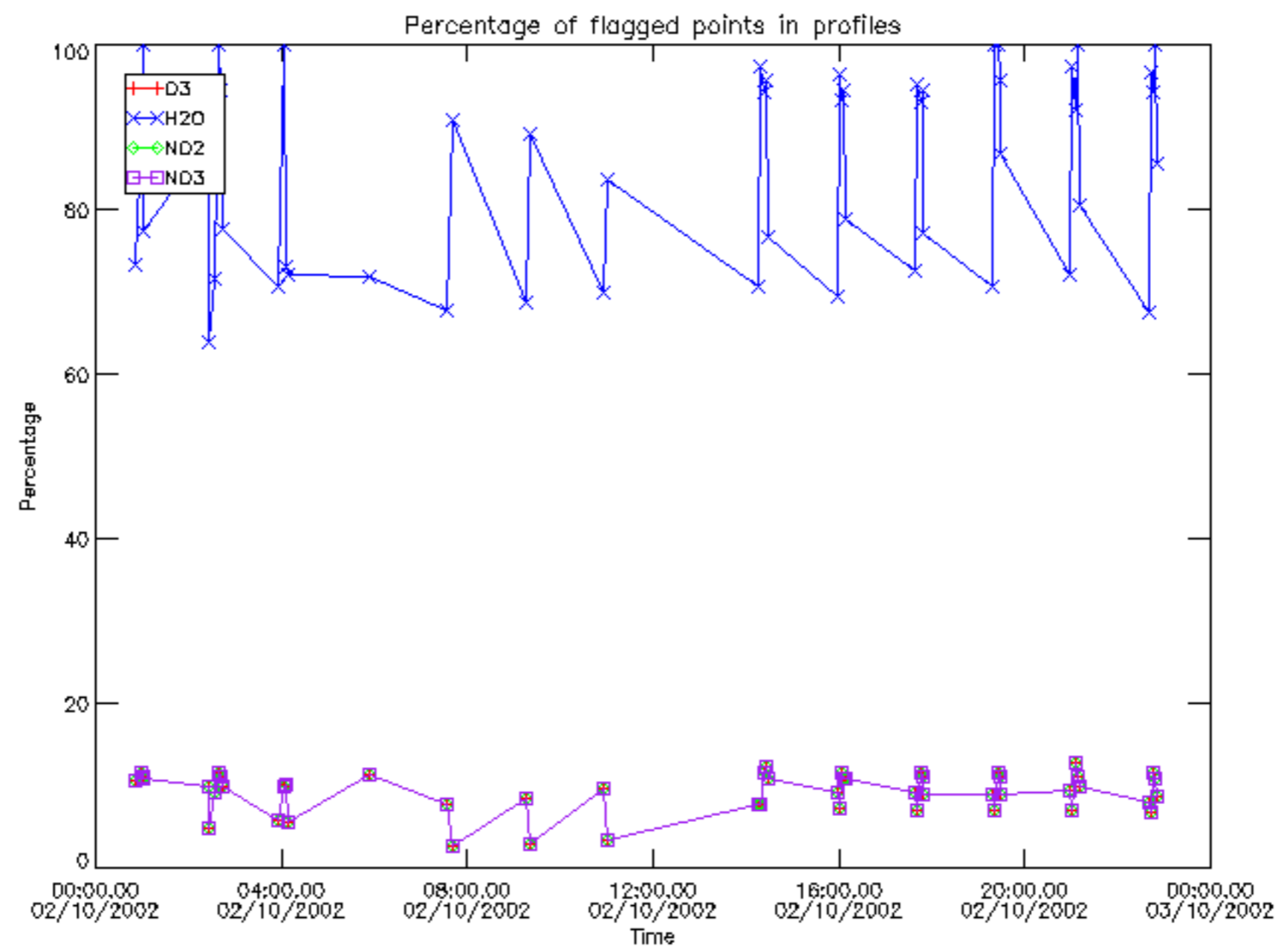
The colorbar represents the latitude.



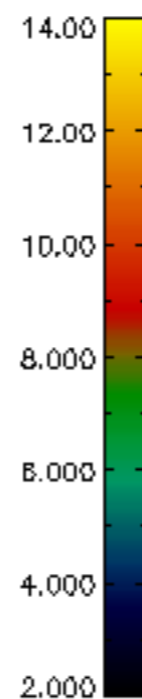
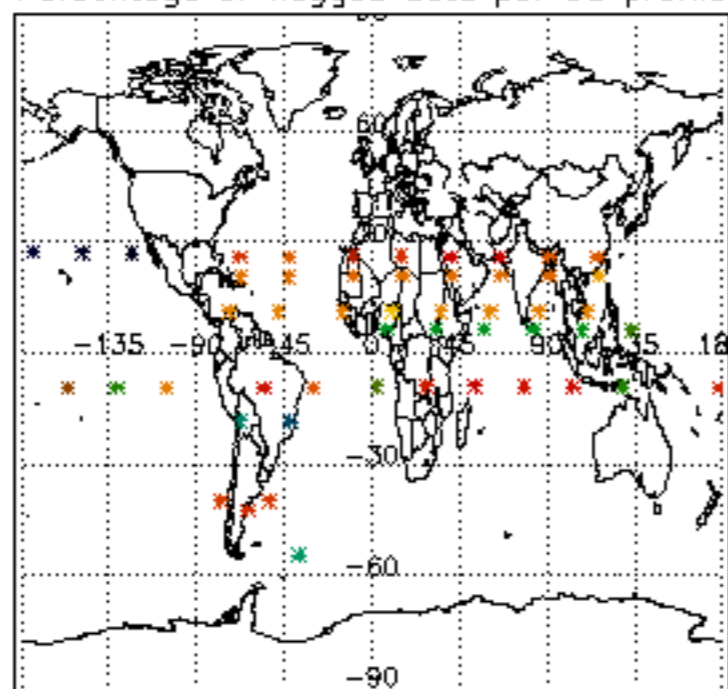
6. Auxiliary Data Files used for the production reported in section 2

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.

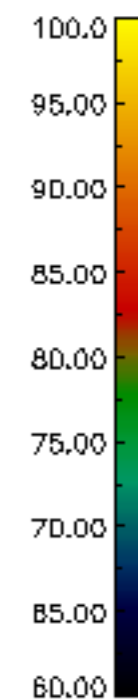
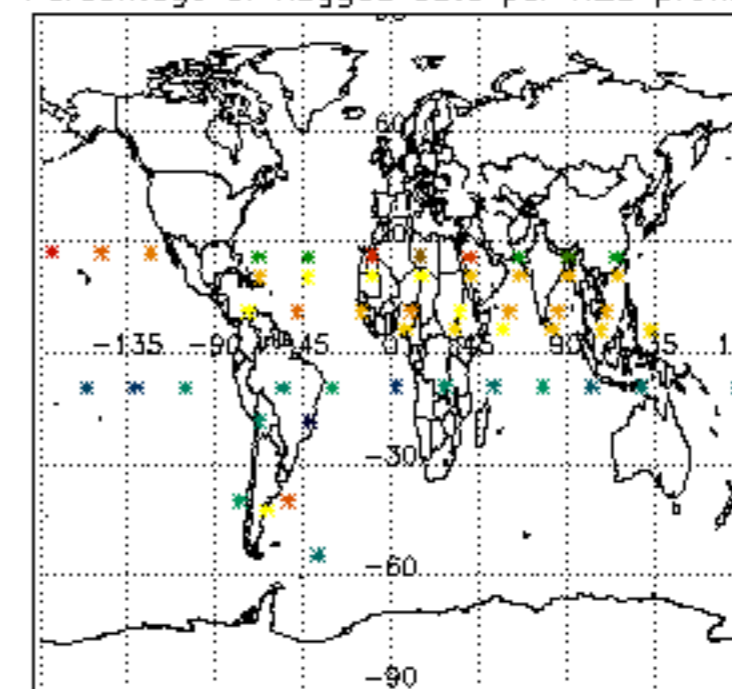
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	02-OCT-2002 00:52:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-OCT-2002 00:52:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-OCT-2002 00:52:00



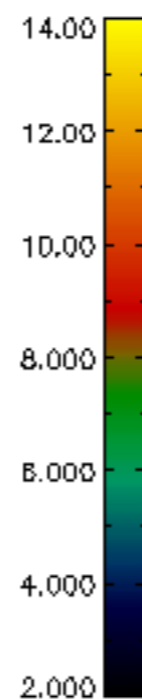
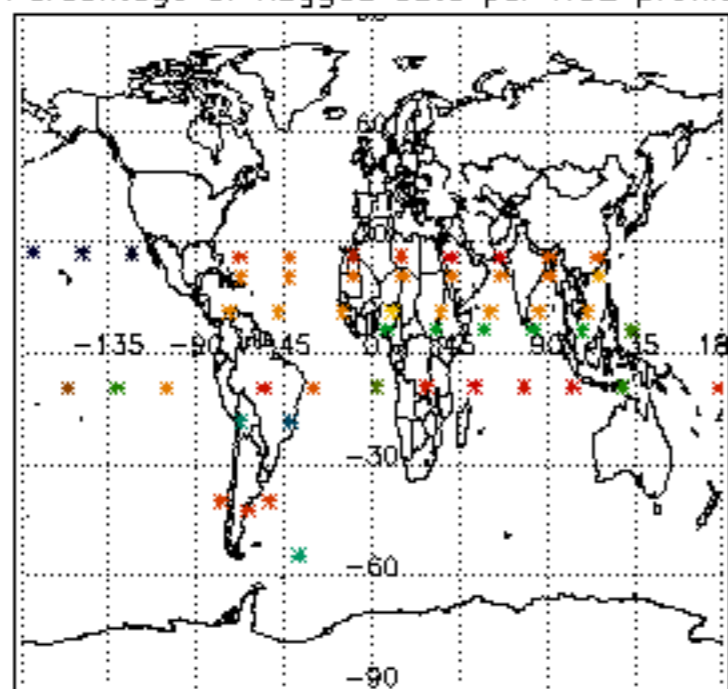
Percentage of flagged data per D3 profile



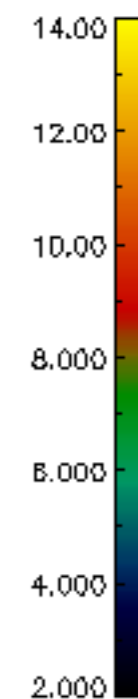
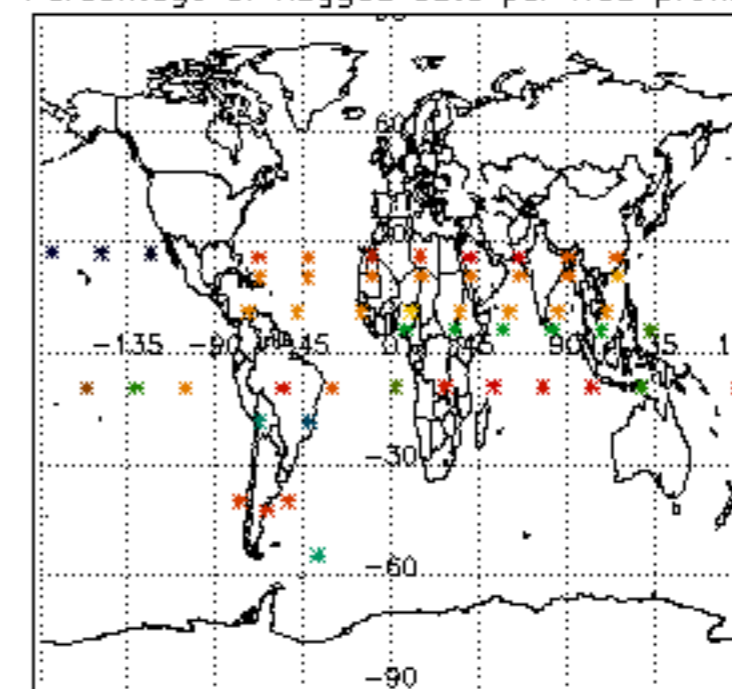
Percentage of flagged data per H2O profile

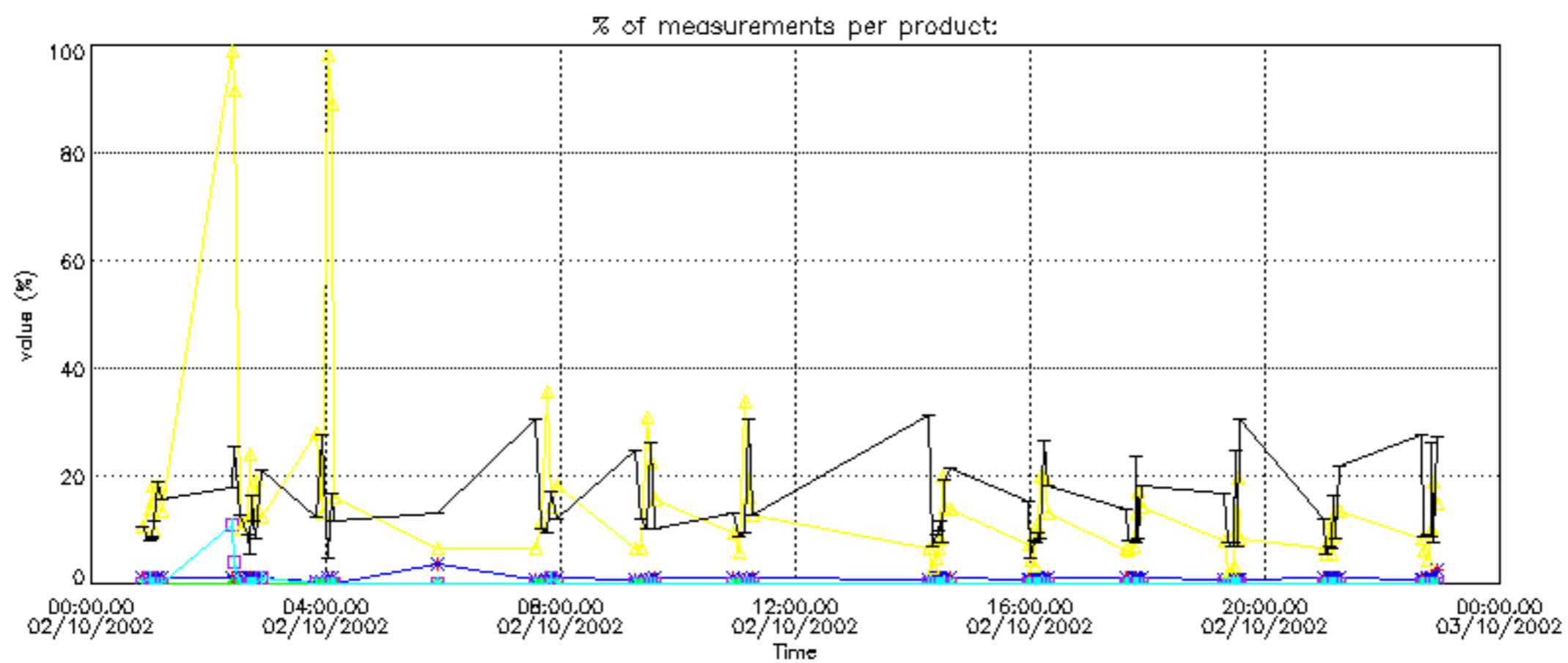
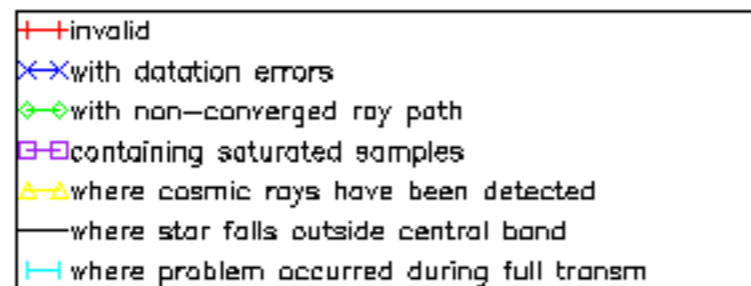


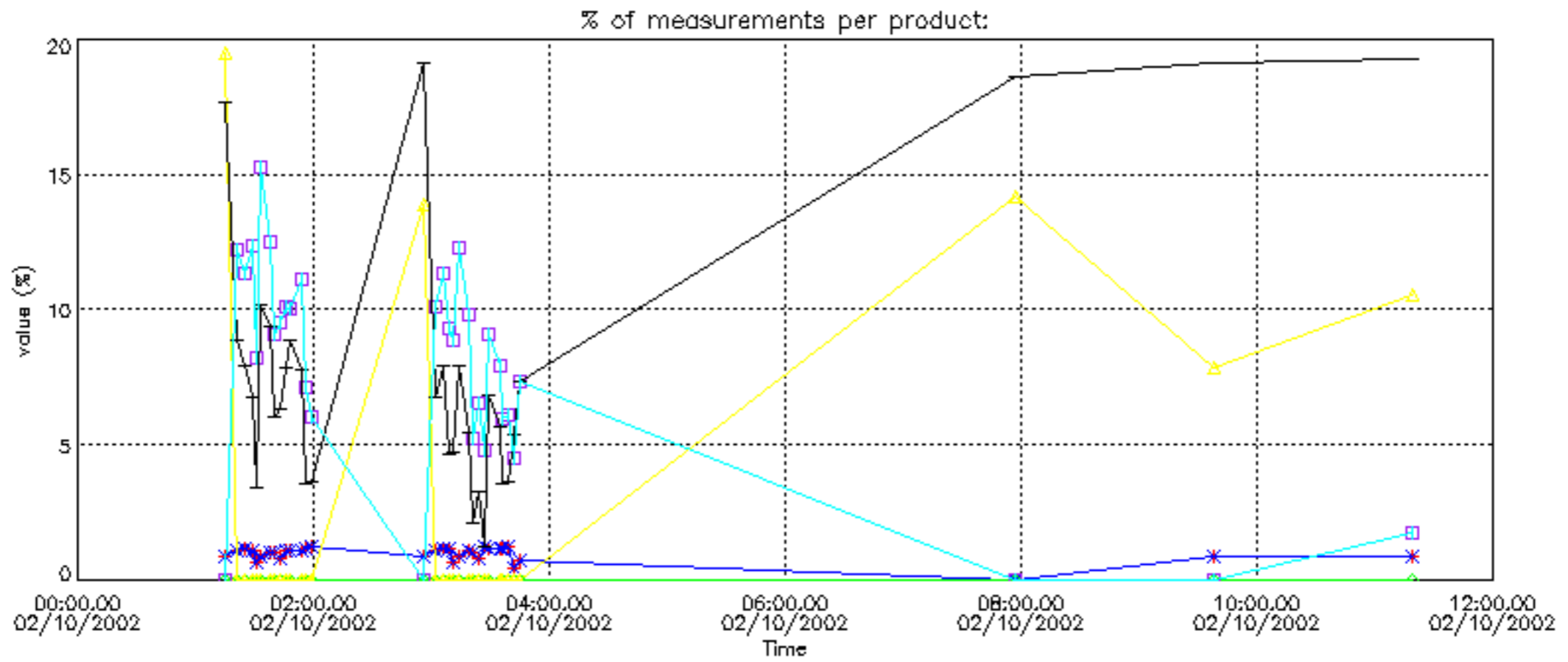
Percentage of flagged data per NO2 profile



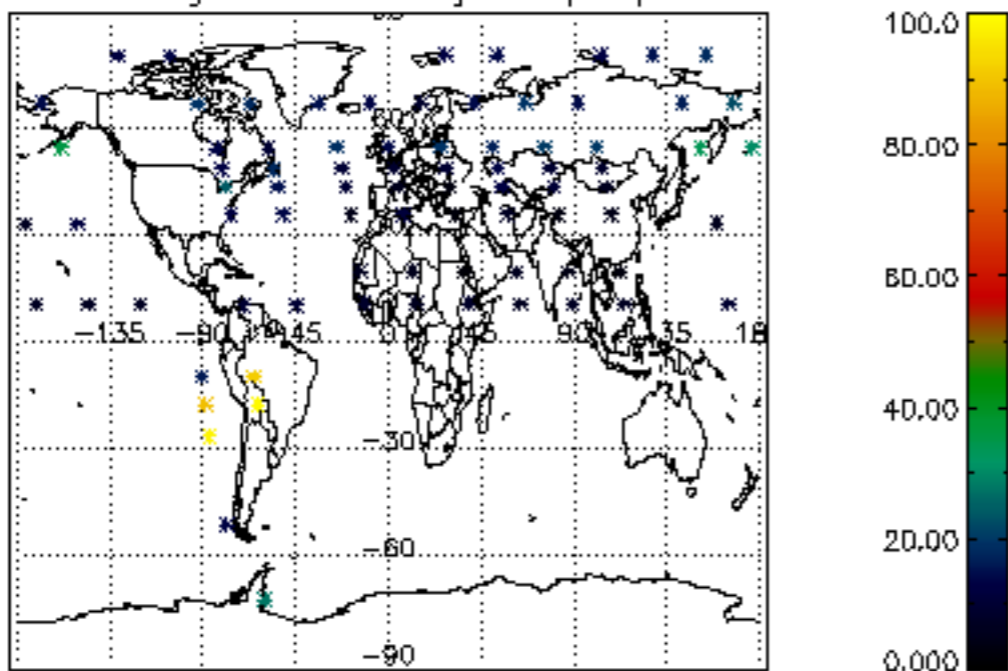
Percentage of flagged data per NO3 profile



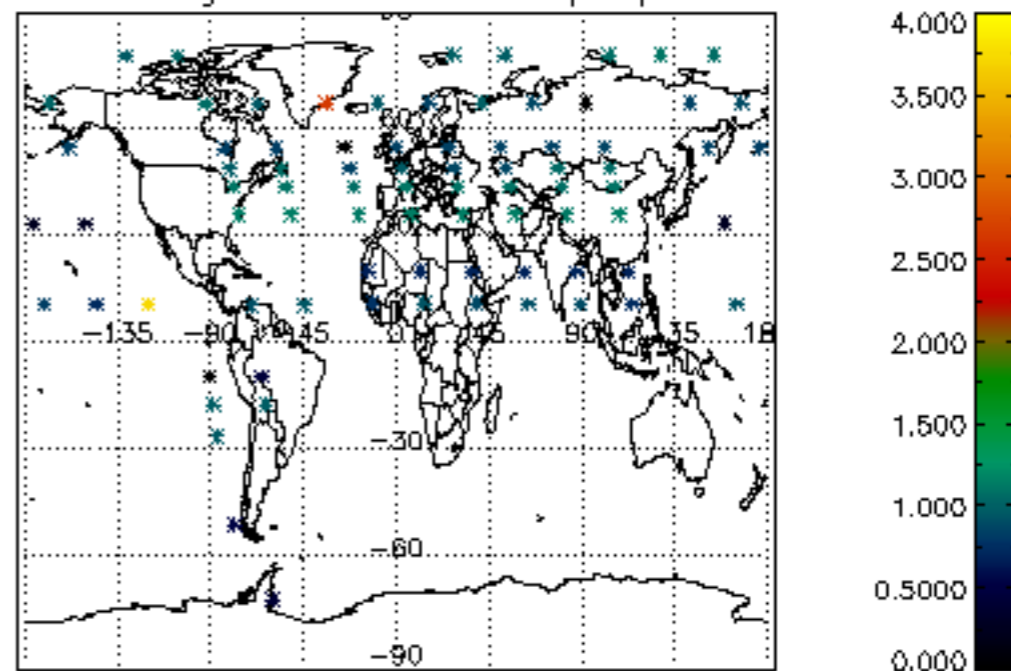




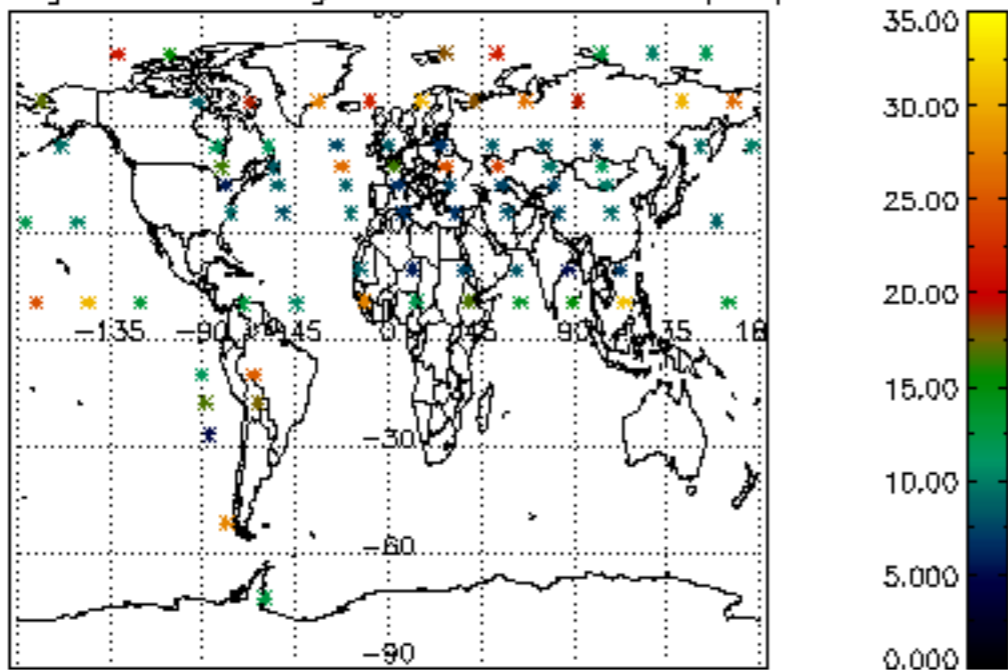
Percentage of cosmic ray hits per profile



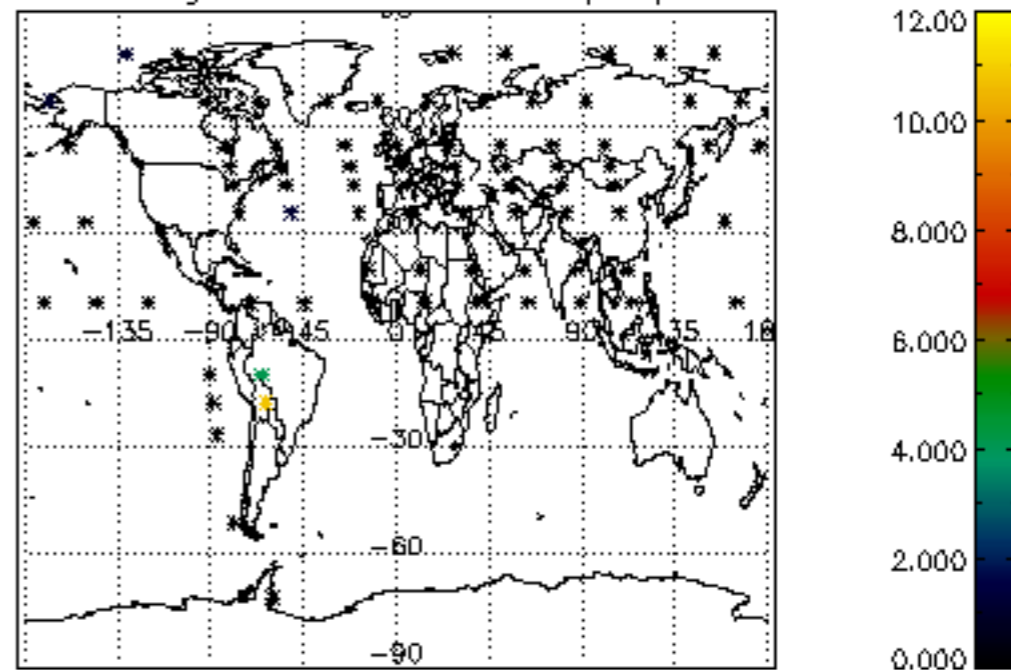
Percentage of datation errors per profile



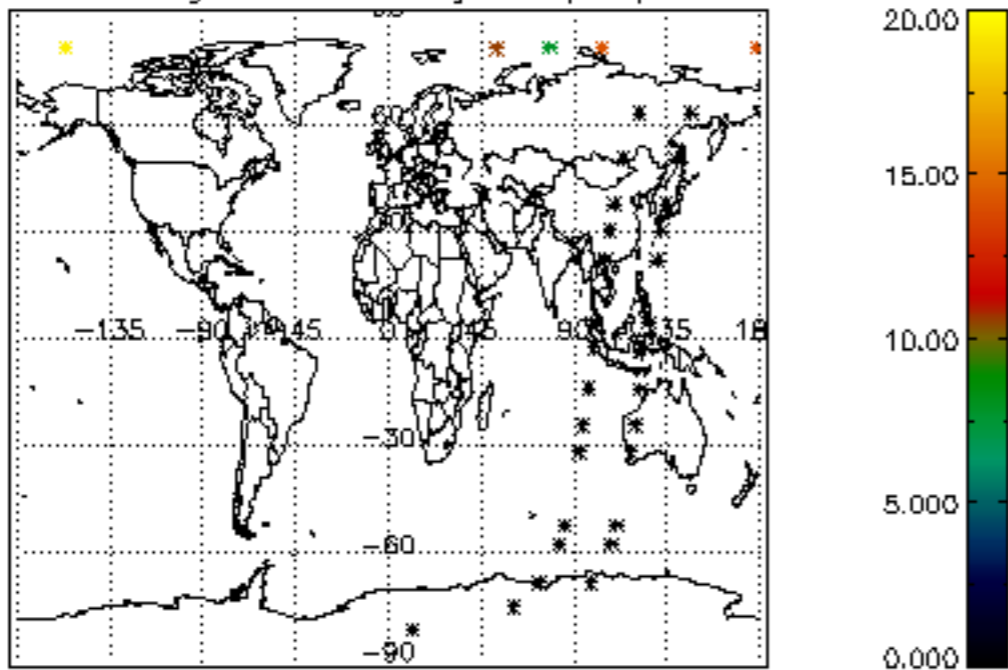
Percentage of star falling outside central band per profile



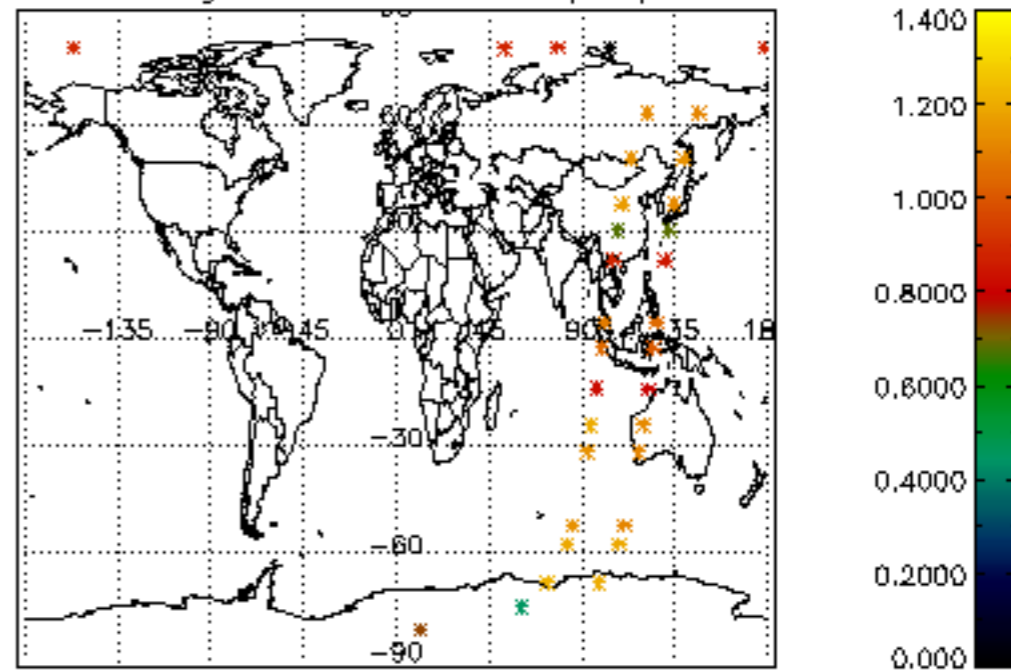
Percentage of saturation errors per profile



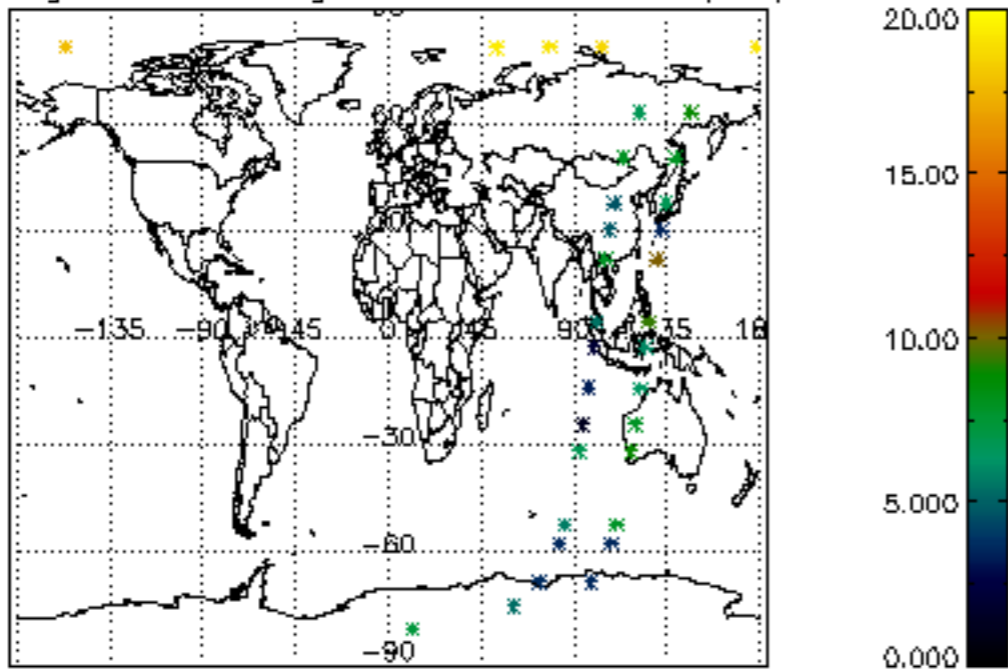
Percentage of cosmic ray hits per profile



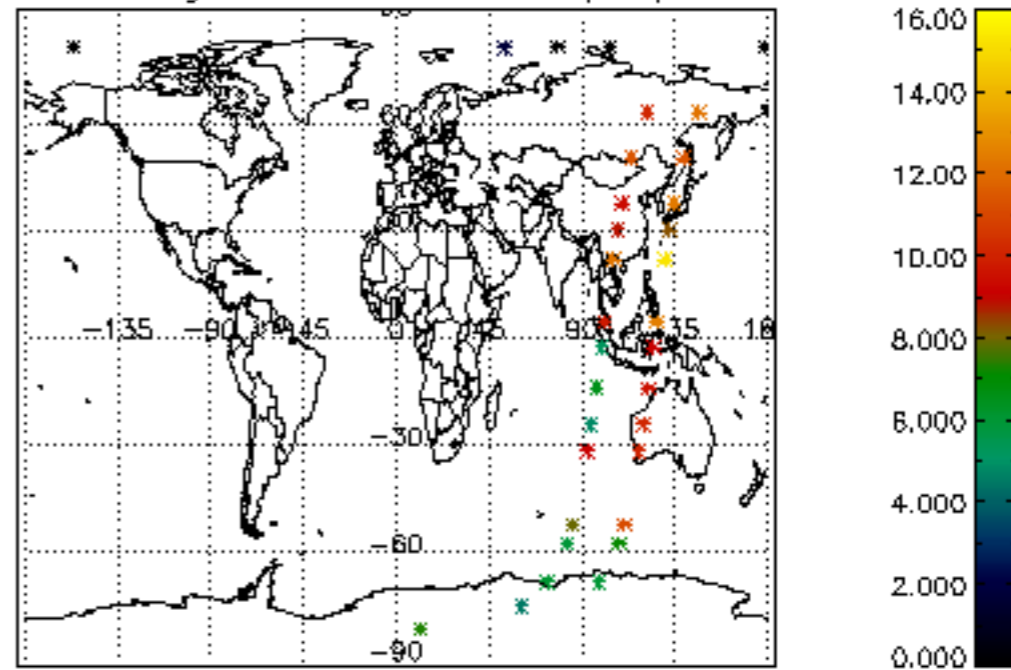
Percentage of datation errors per profile

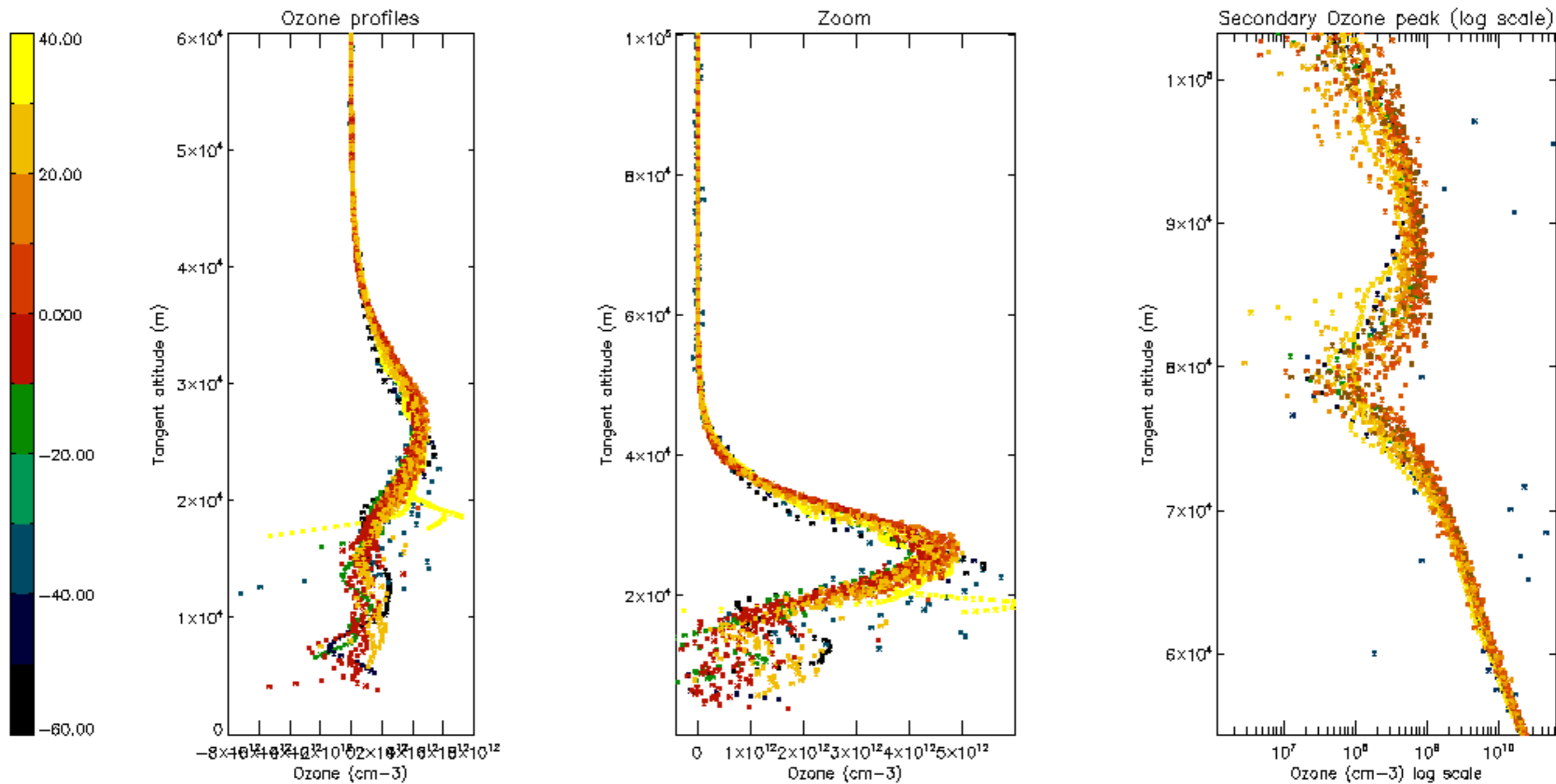


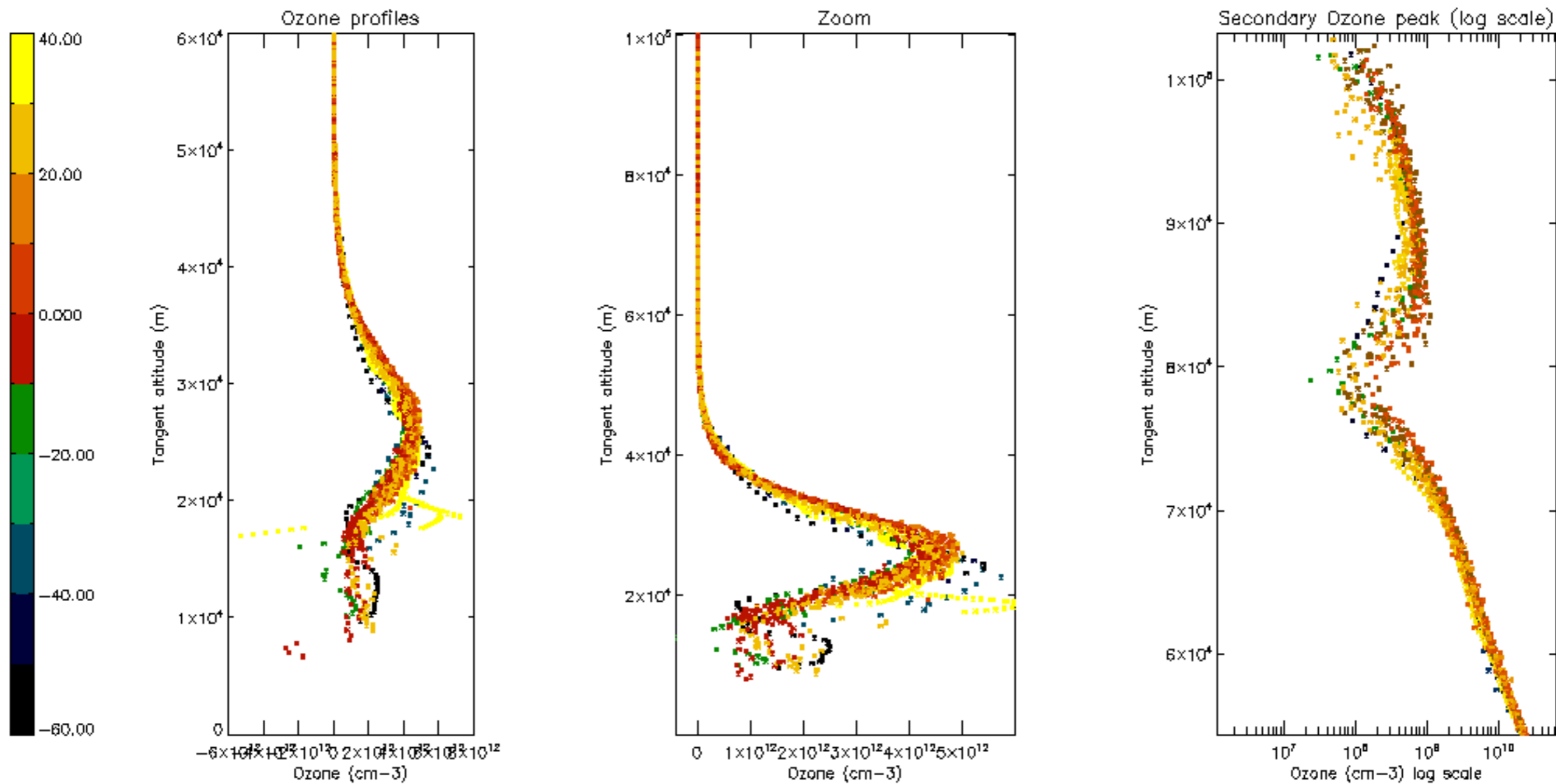
Percentage of star falling outside central band per profile

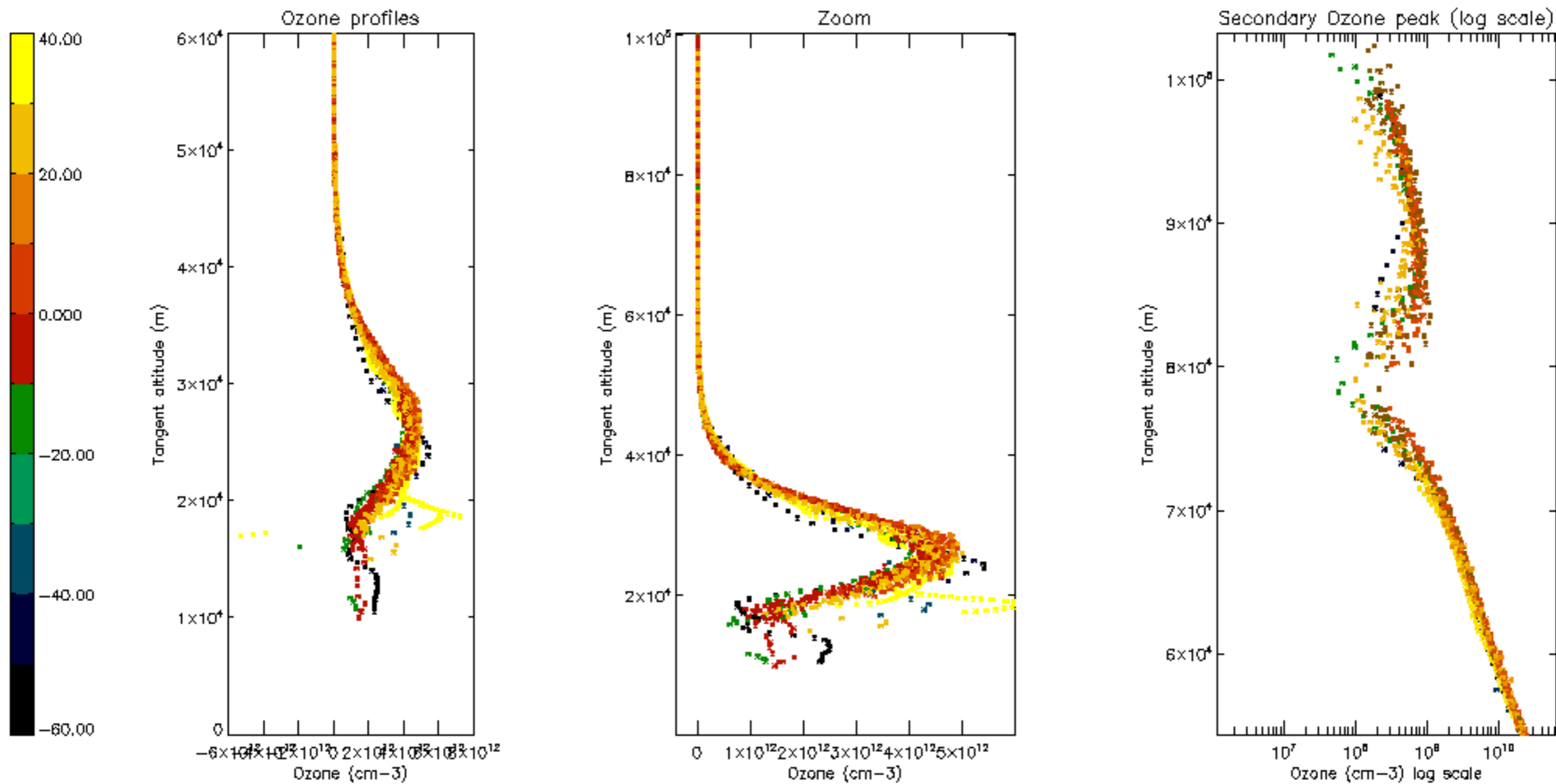


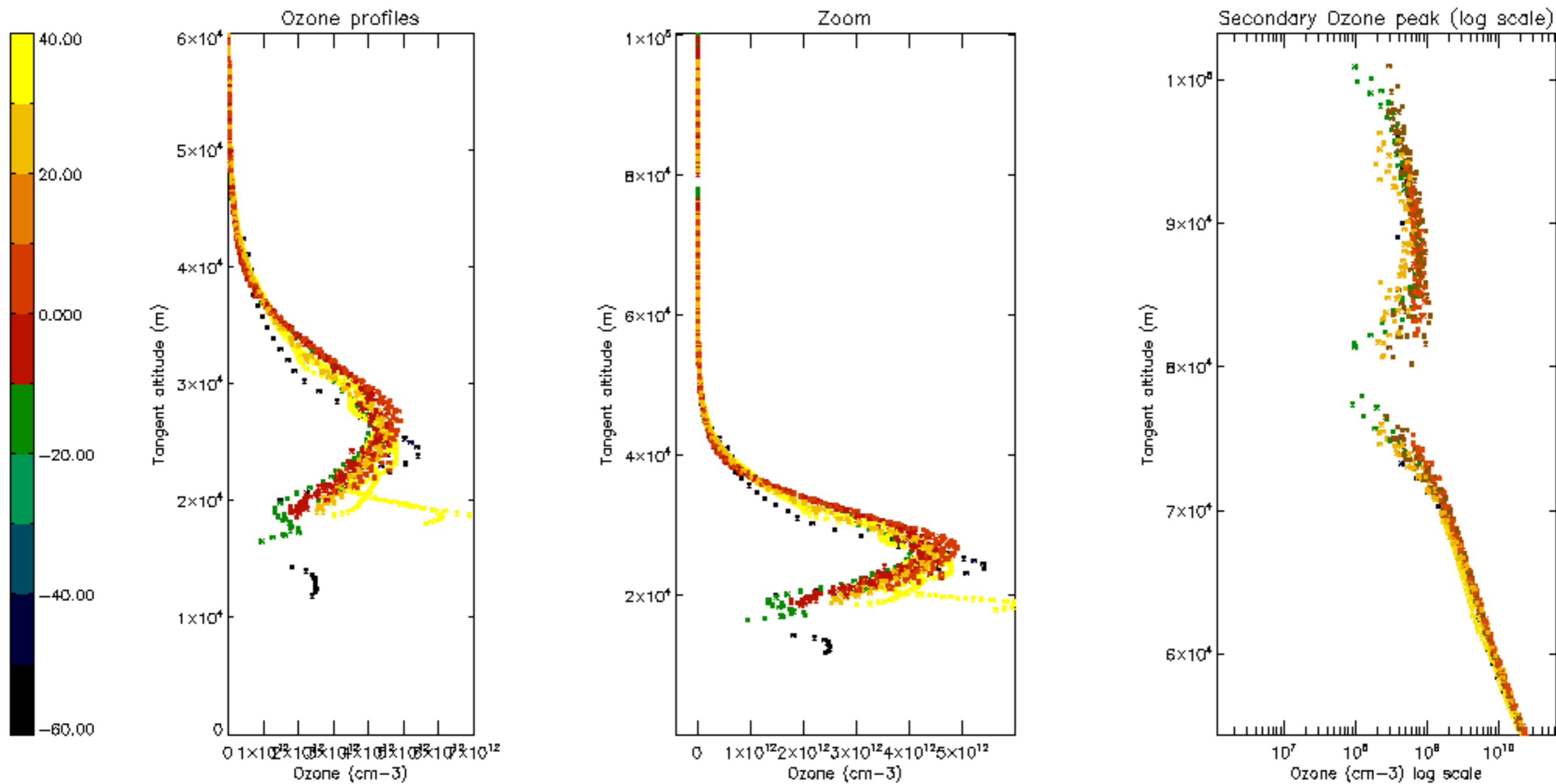
Percentage of saturation errors per profile

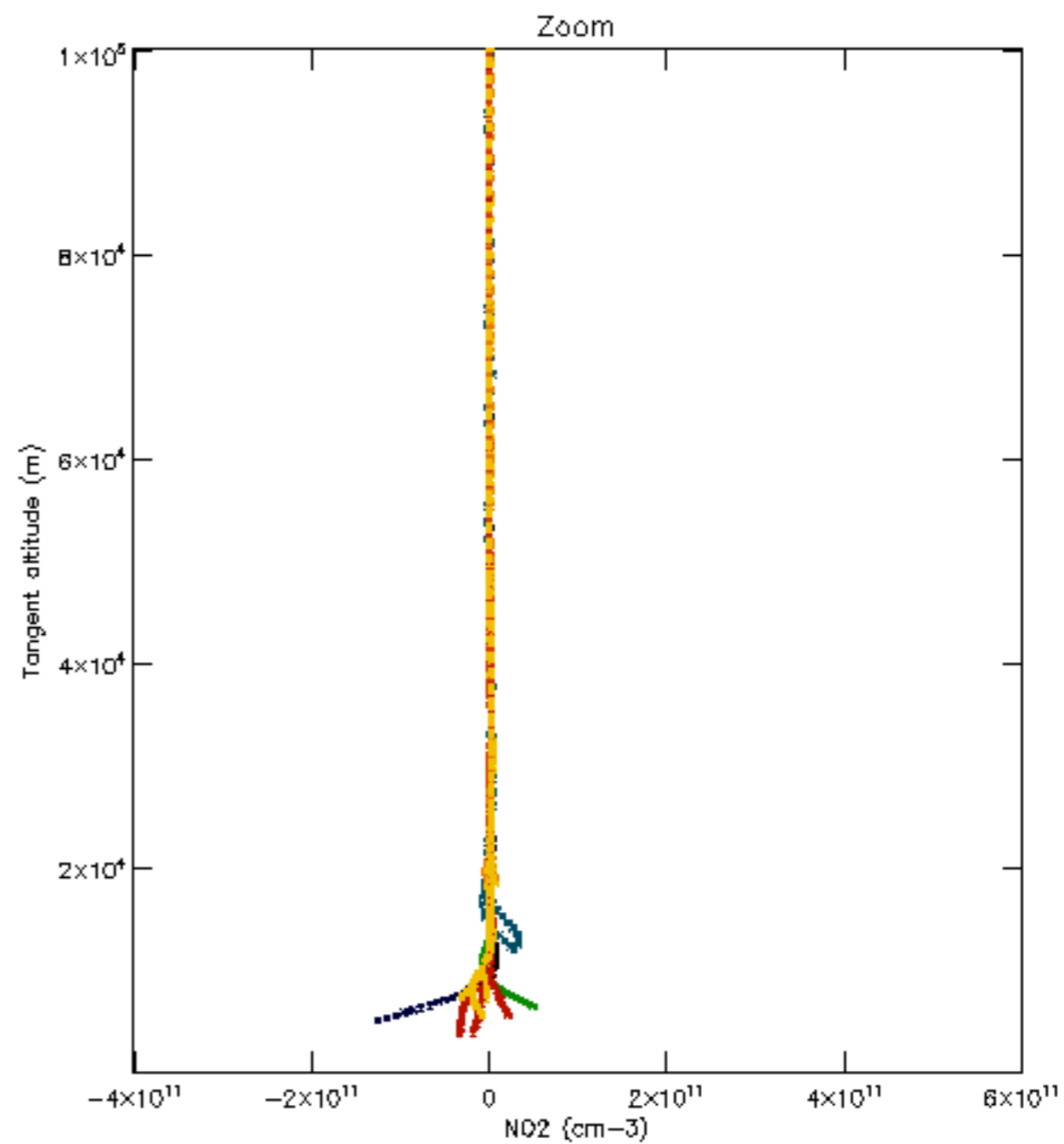
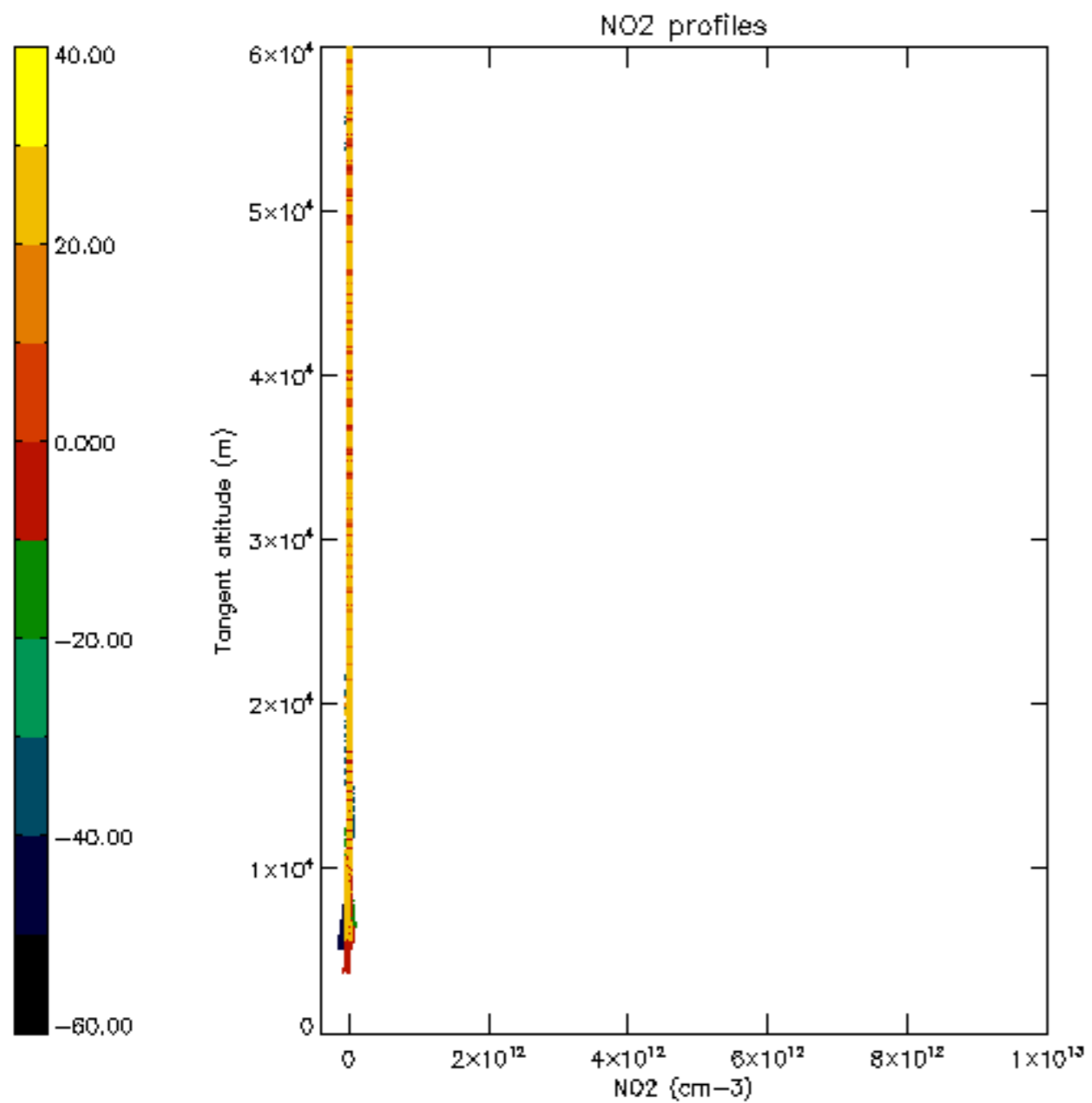


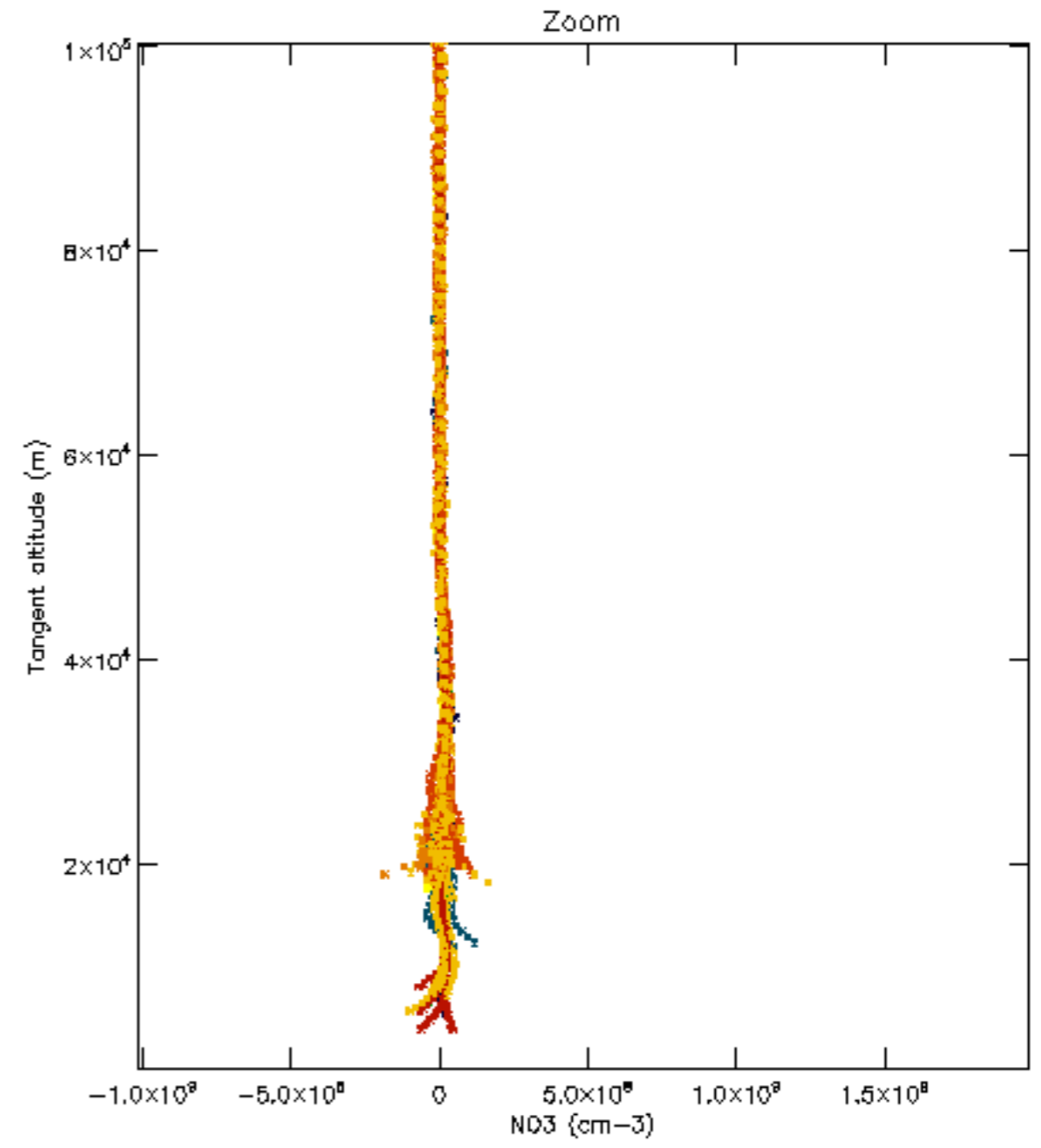
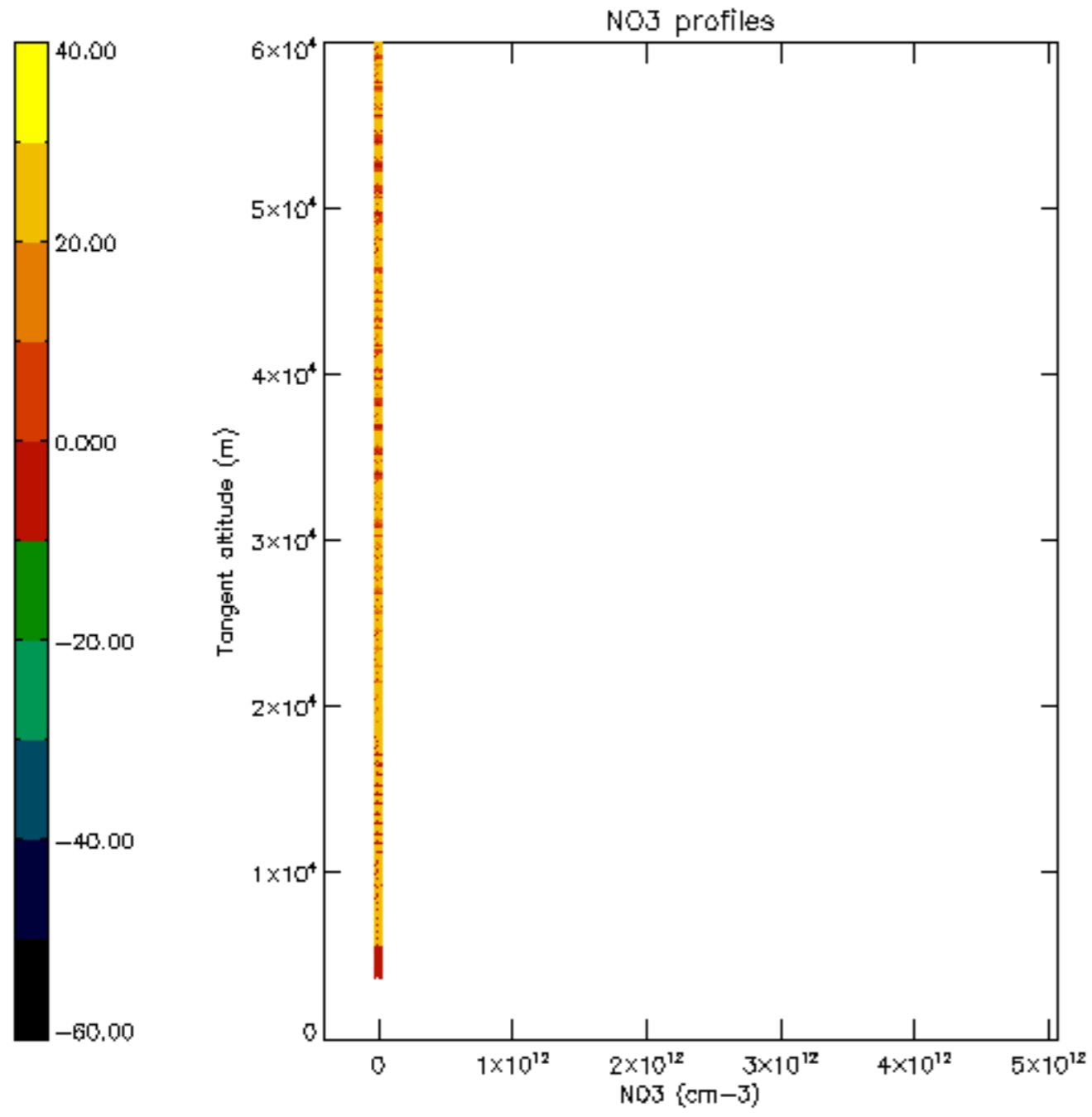


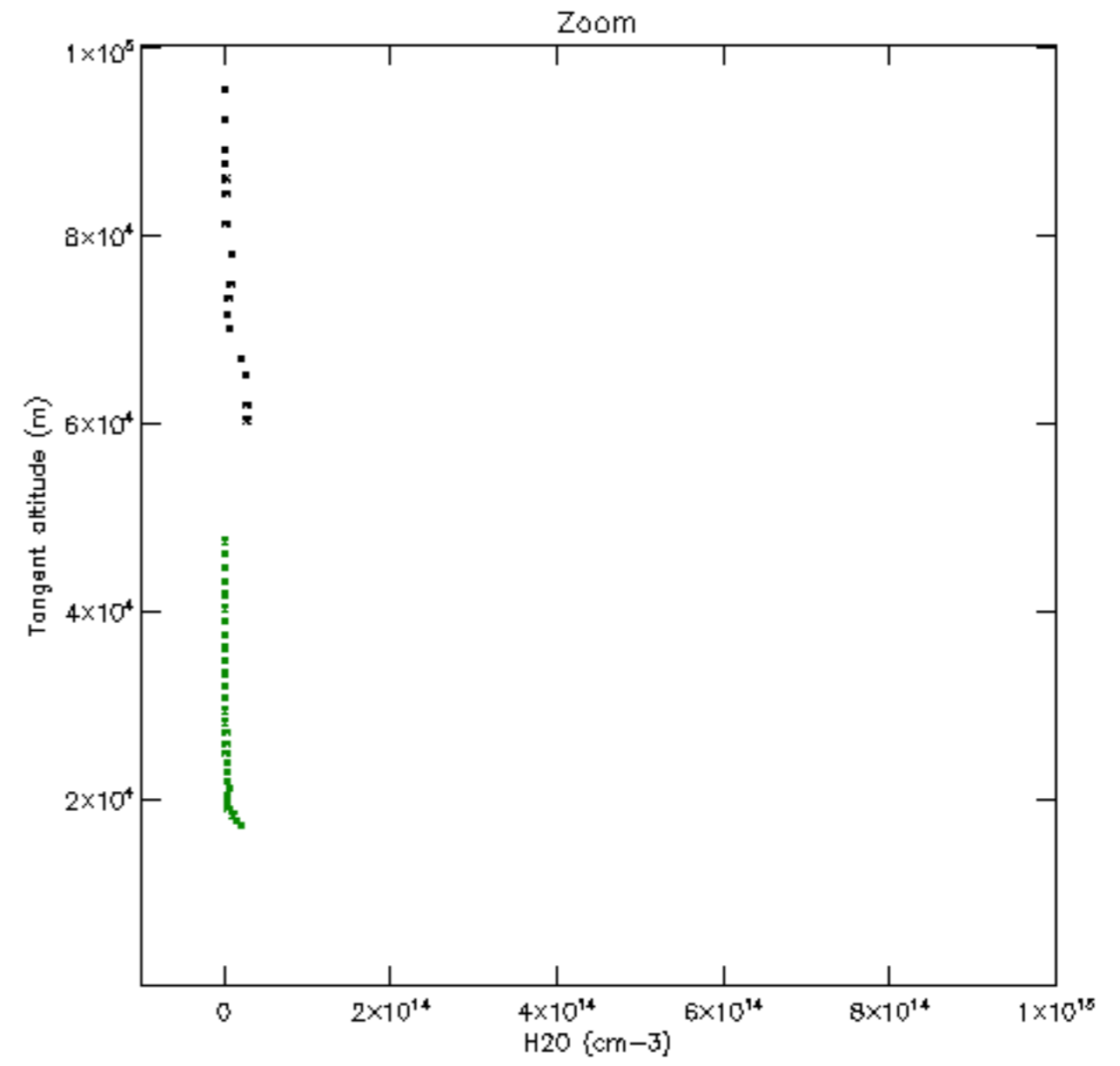
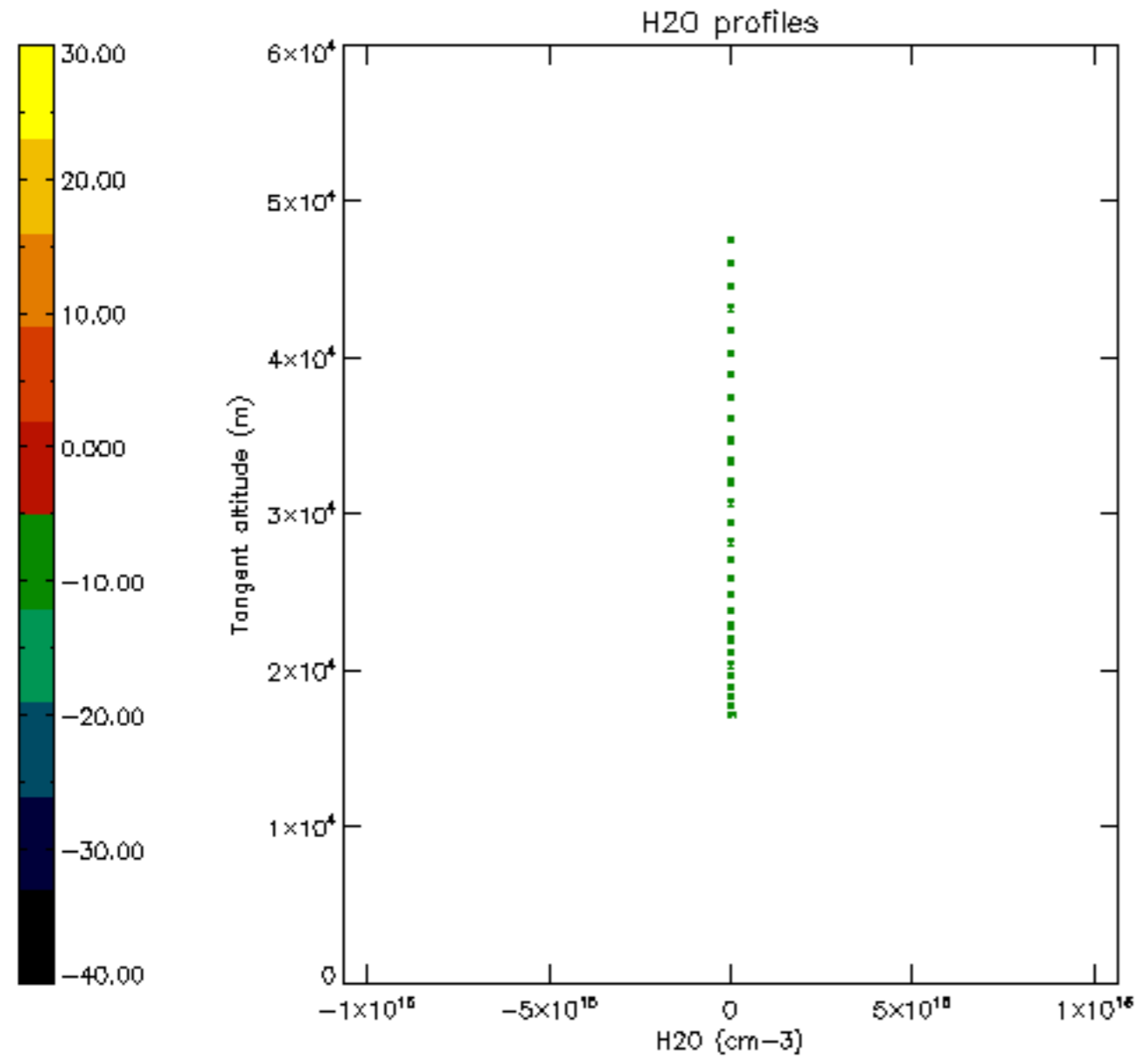


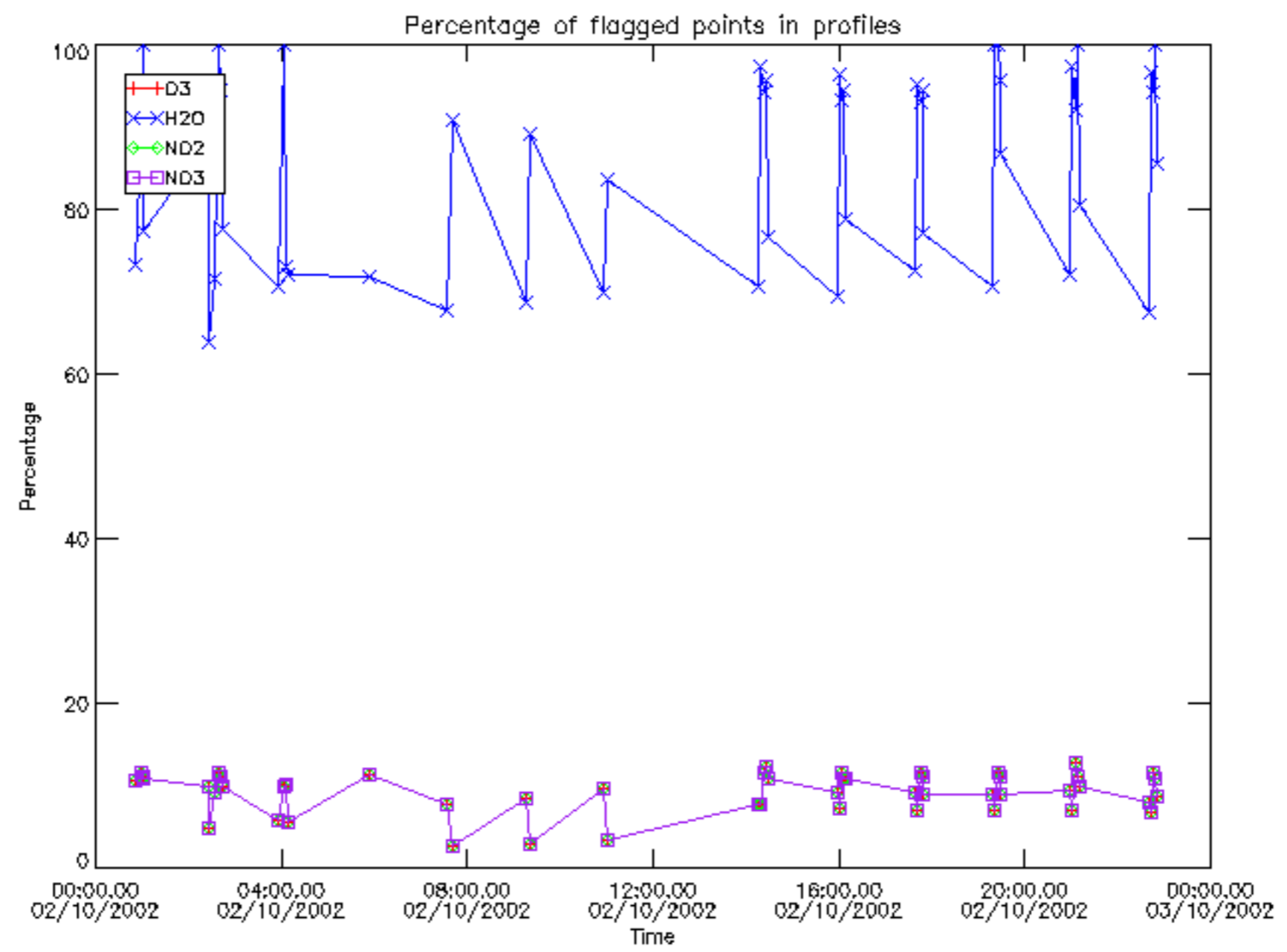




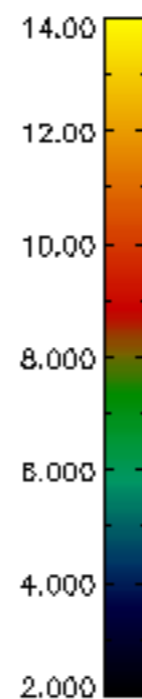
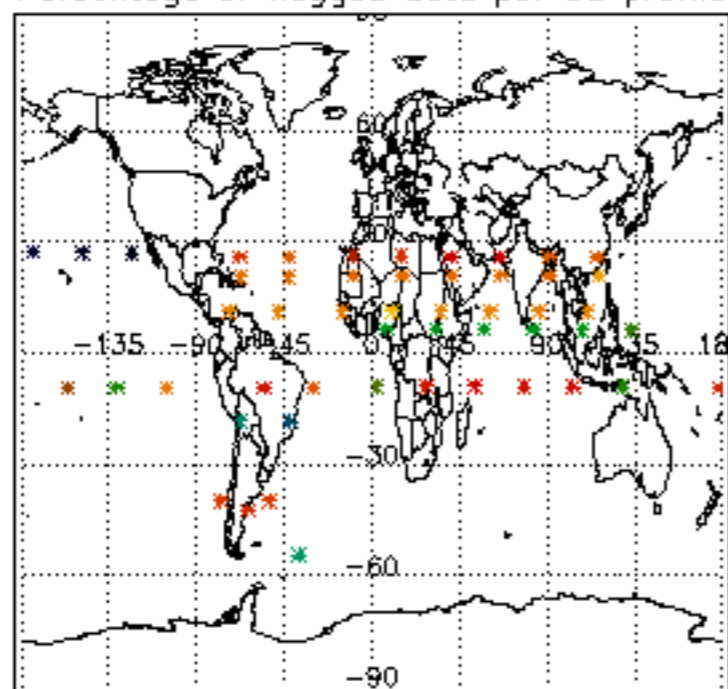




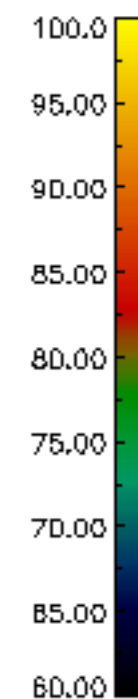
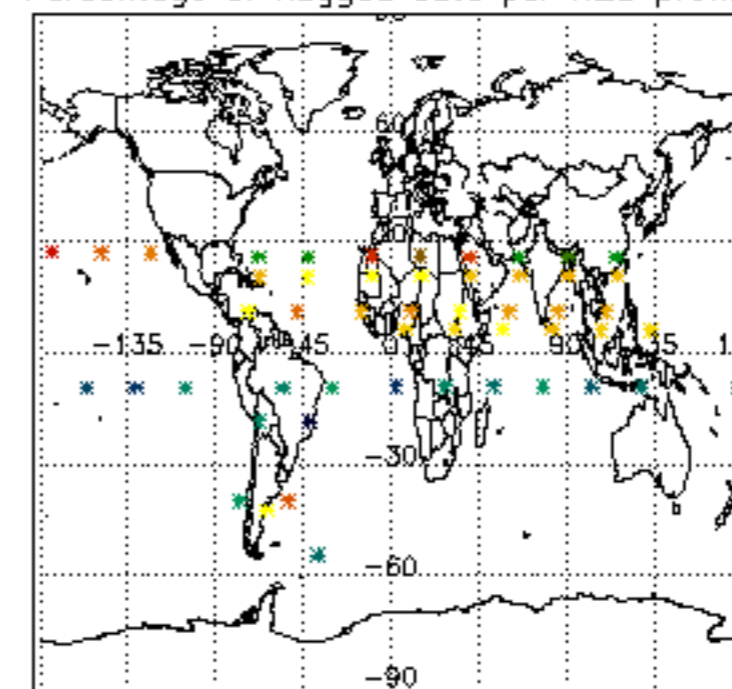




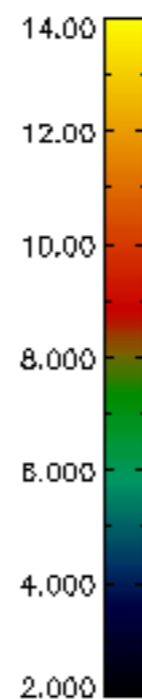
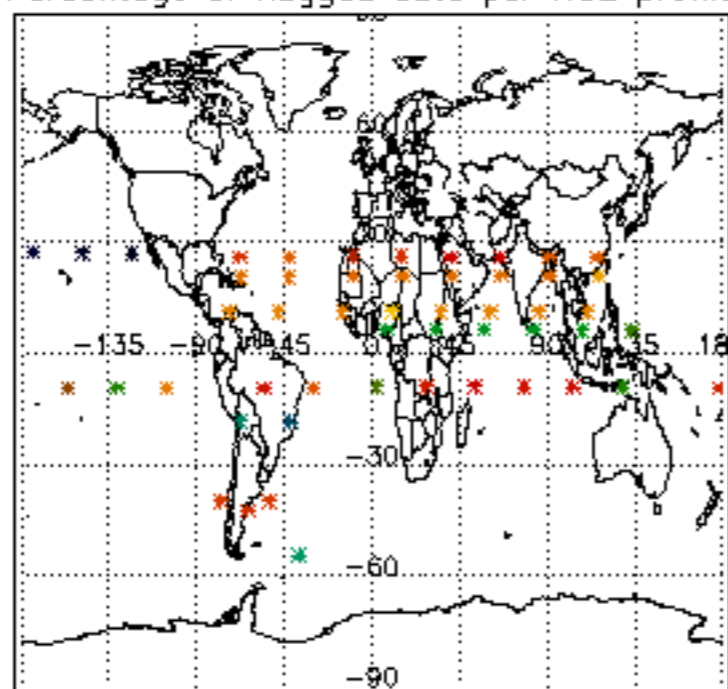
Percentage of flagged data per D3 profile



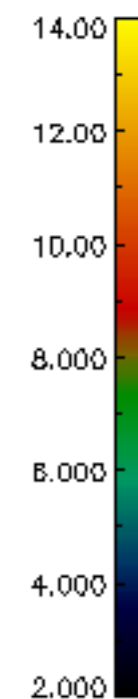
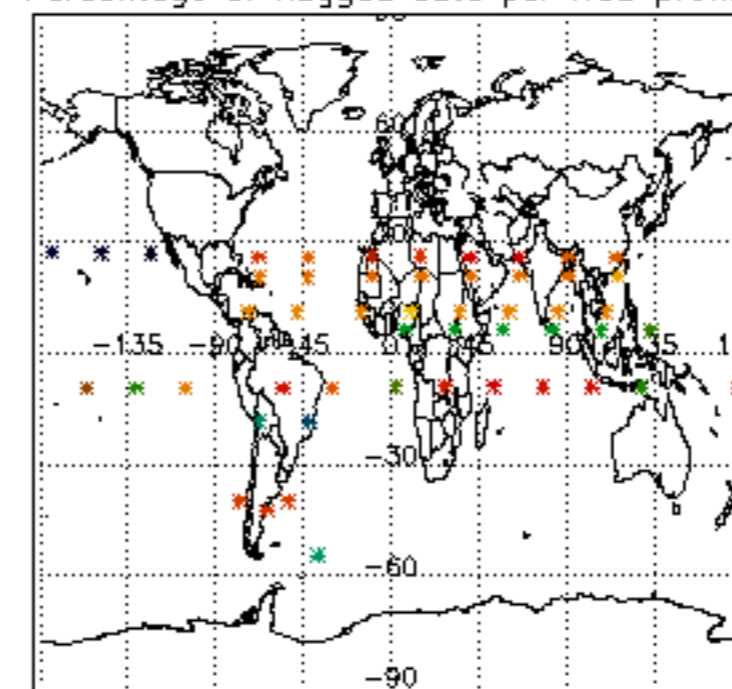
Percentage of flagged data per H2O profile

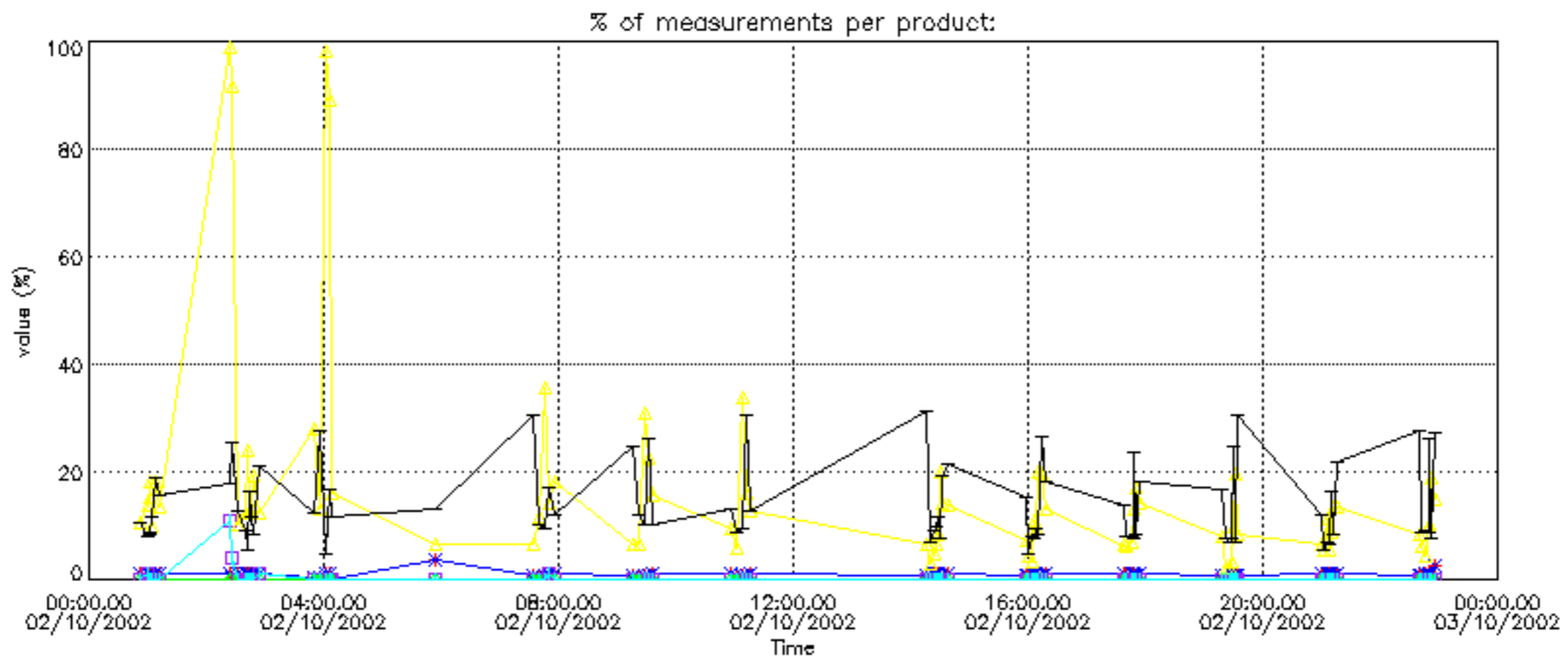
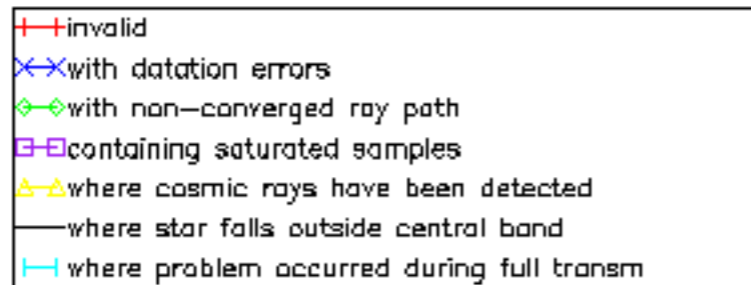


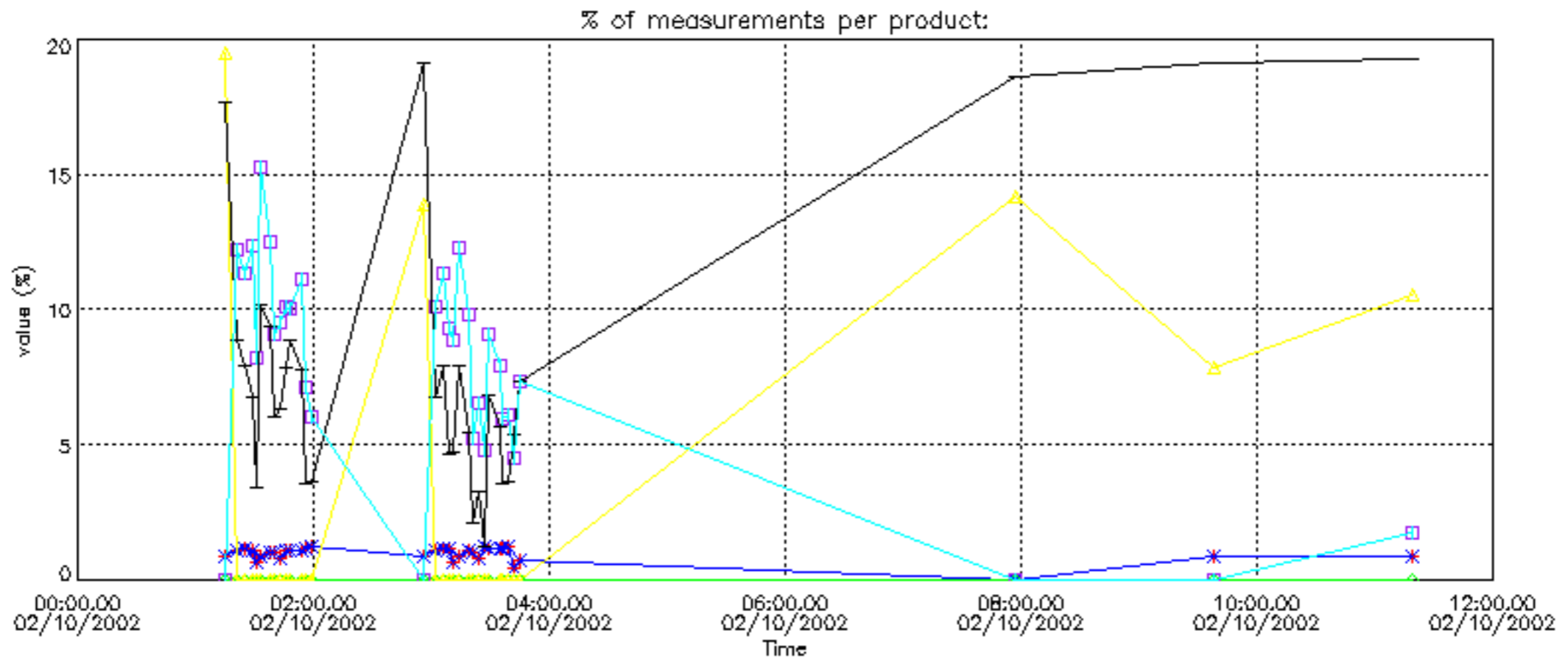
Percentage of flagged data per NO2 profile



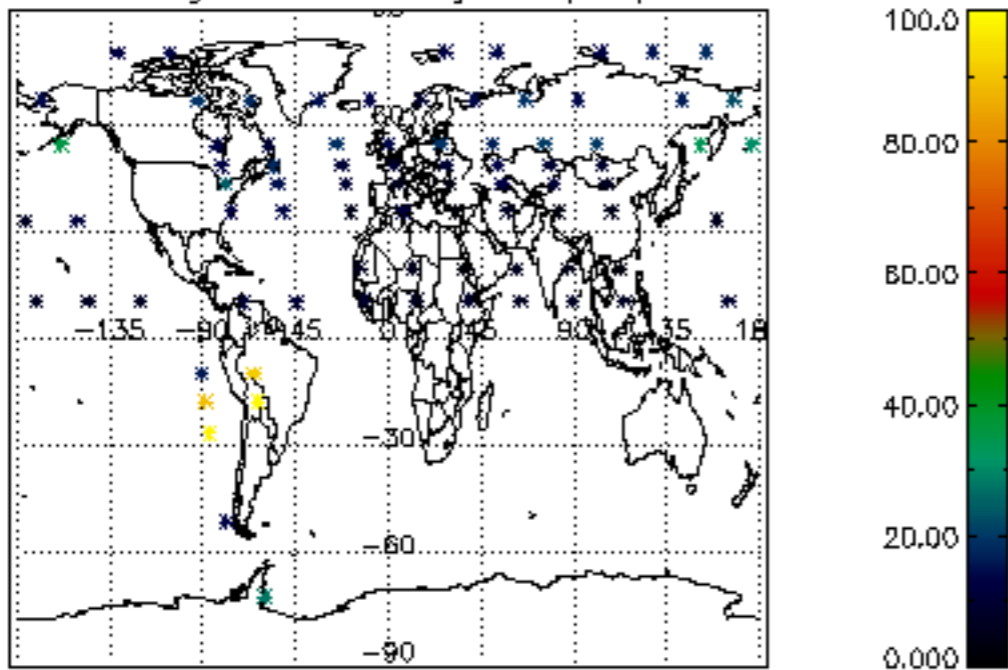
Percentage of flagged data per NO3 profile



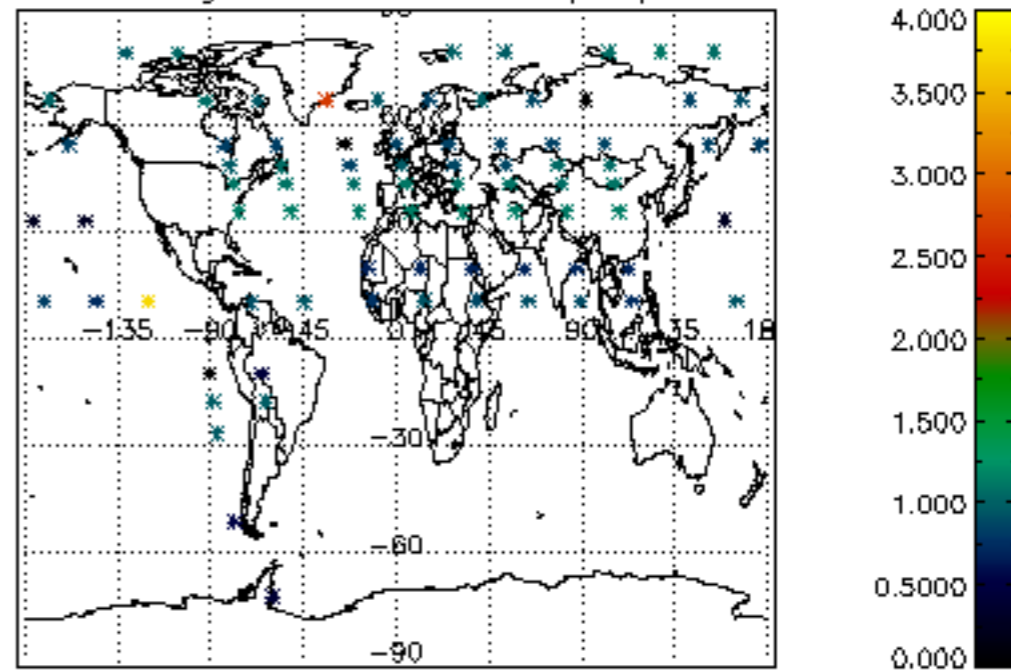




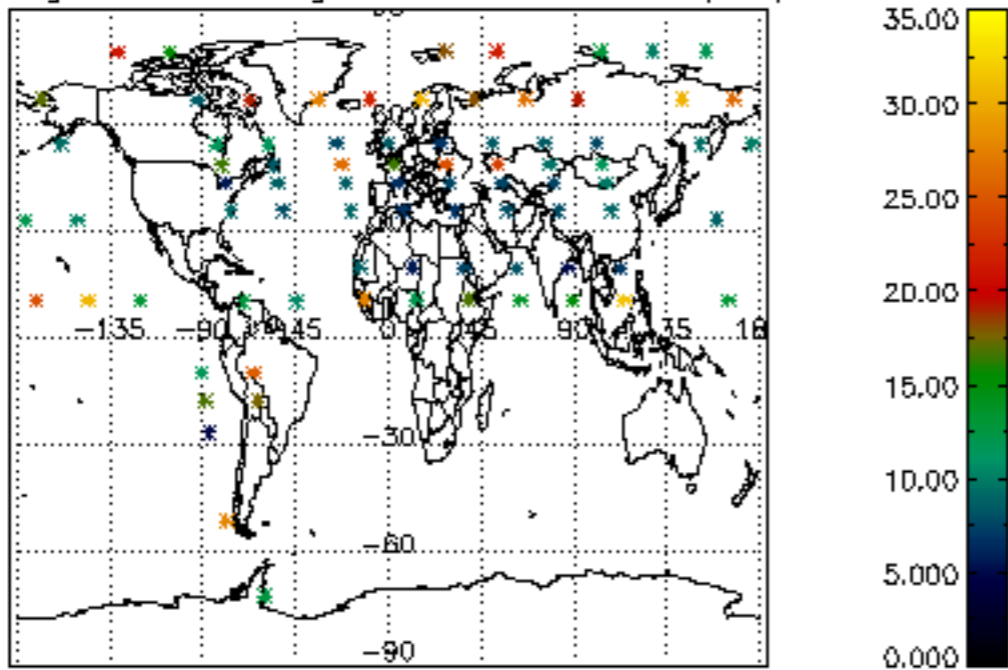
Percentage of cosmic ray hits per profile



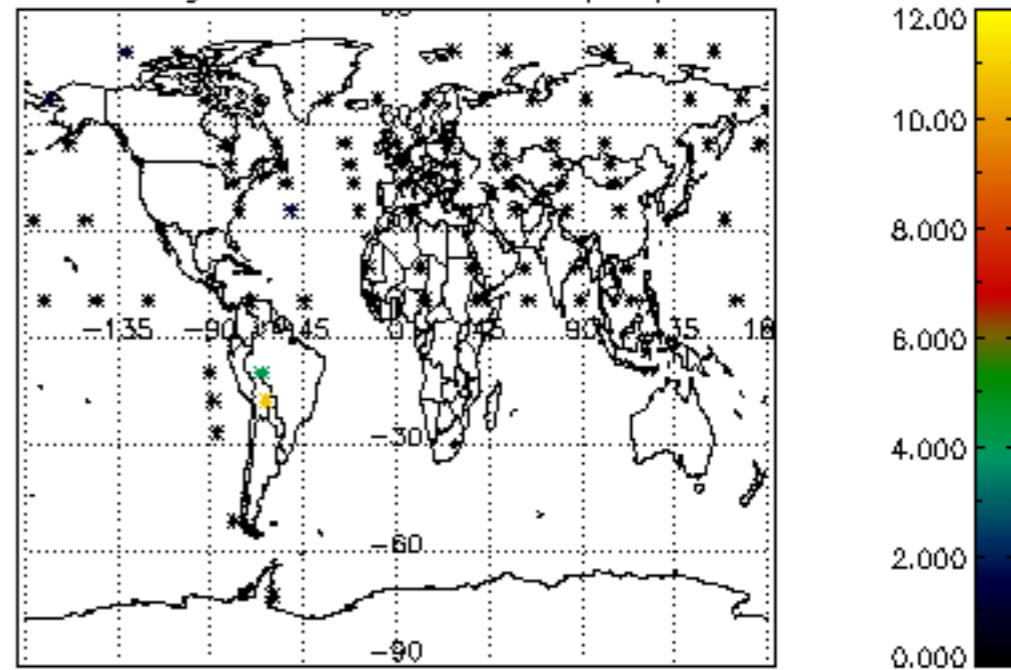
Percentage of datation errors per profile



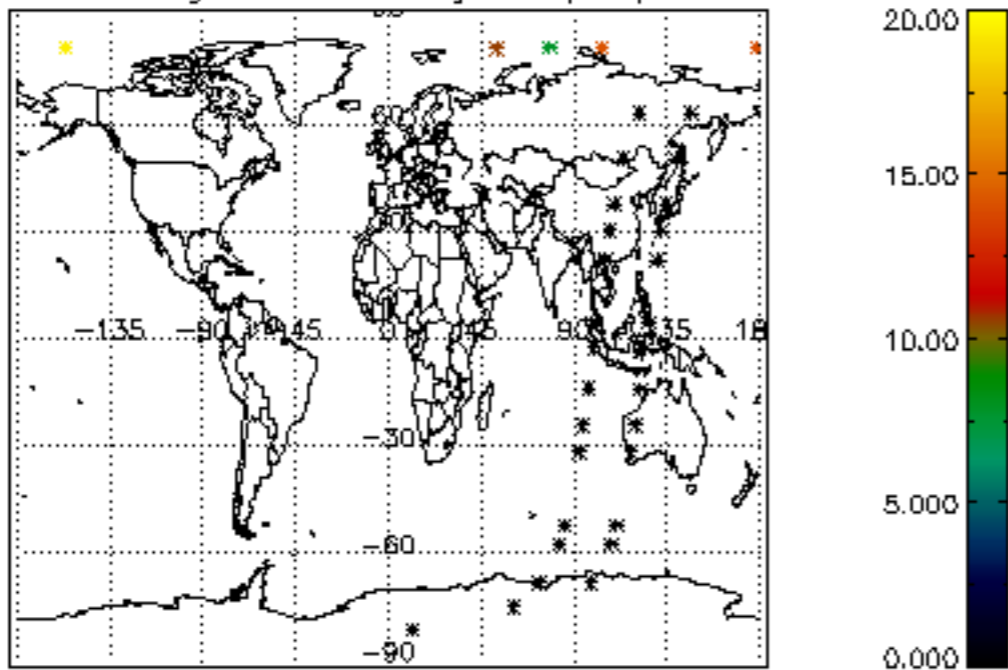
Percentage of star falling outside central band per profile



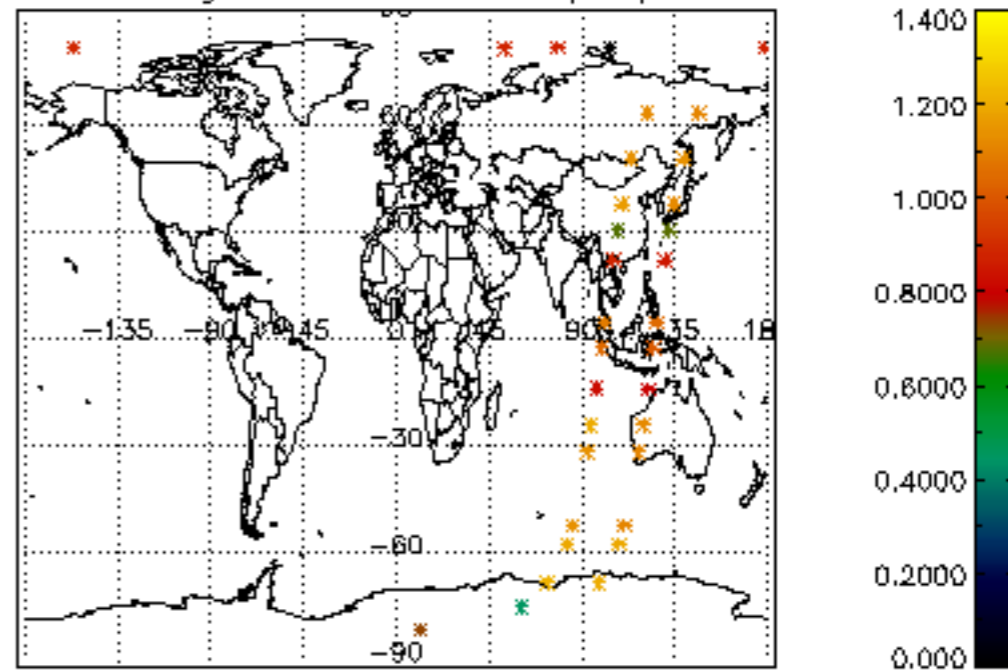
Percentage of saturation errors per profile



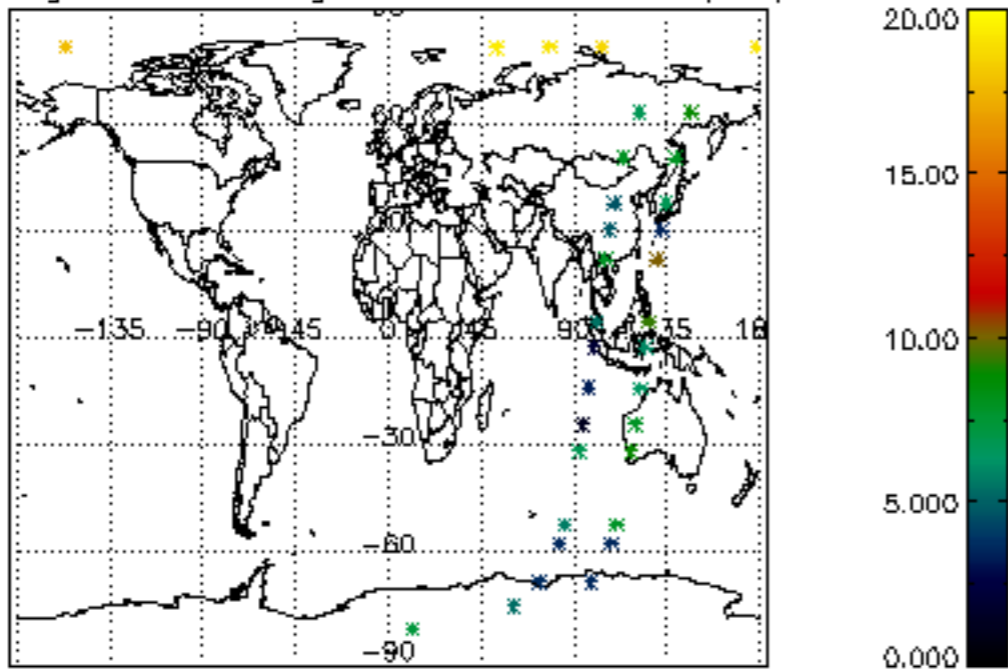
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

