

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 19:17:30
Data source version	GOMOS/6.01
Start time of products	09-10-2002 (09OCT2002 00:00:00)
Stop time of products	10-10-2002 (10OCT2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	126
Nb of prods with errors	1

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__2PRFIN20021009_002958_000001342010_00117_03177_8969.N1	09-OCT-2002 00:29:58	Dark	133.50	1	9Alp CMa	-1.4400	11000.	267	3177	No
2	GOM_NL__2PRFIN20021009_003339_000001322010_00117_03177_8970.N1	09-OCT-2002 00:33:39	Dark	132.00	47	2Bet CMa	1.9760	28000.	264	3177	No
3	GOM_NL__2PRFIN20021009_003912_000000462010_00117_03177_8971.N1	09-OCT-2002 00:39:12	Dark	45.500	135	Bet Hyi	2.8200	5800.0	91	3177	No
4	GOM_NL__2PRFIN20021009_004148_000000482010_00117_03177_8972.N1	09-OCT-2002 00:41:48	Dark	48.000	143	Alp Hyi	2.8570	7200.0	96	3177	No
5	GOM_NL__2PRFIN20021009_004315_000000592010_00117_03177_8973.N1	09-OCT-2002 00:43:15	Dark	58.500	9	Alp Eri	0.45300	24000.	117	3177	No
6	GOM_NL__2PRFIN20021009_004523_000000582010_00117_03177_8974.N1	09-OCT-2002 00:45:23	Straylight	57.500	157	The1Eri	2.9060	9300.0	115	3177	No
7	GOM_NL__2PRFIN20021009_004825_000000522010_00117_03177_8975.N1	09-OCT-2002 00:48:25	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	3177	No
8	GOM_NL__2PRFIN20021009_005256_000000522010_00117_03177_8976.N1	09-OCT-2002 00:52:56	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	3177	No
9	GOM_NL__2PRFIN20021009_005508_000000542010_00117_03177_8977.N1	09-OCT-2002 00:55:08	Straylight	54.000	52	16Bet Cet	2.0370	4500.0	108	3177	No
10	GOM_NL__2PRFIN20021009_005657_000002122010_00117_03177_8978.N1	09-OCT-2002 00:56:57	Bright	212.00	165	34Gam Eri	2.9500	3200.0	424	3177	No
11	GOM_NL__2PRFIN20021009_010504_000000462010_00117_03177_8979.N1	09-OCT-2002 01:05:04	Bright	45.500	140	88Gam Peg	2.8340	26000.	91	3177	No
12	GOM_NL__2PRFIN20021009_010849_000000472010_00117_03177_2365.N1	09-OCT-2002 01:08:49	Bright	46.500	93	53Bet Peg	2.5200	3100.0	93	3177	No
13	GOM_NL__2PRFIN20021009_011209_000000542010_00117_03177_2366.N1	09-OCT-2002 01:12:09	Bright	54.000	53	43Bet And	2.0480	3300.0	108	3177	No
14	GOM_NL__2PRFIN20021009_011429_000000622010_00117_03177_2367.N1	09-OCT-2002 01:14:29	Bright	62.000	173	4Bet Tri	3.0040	8900.0	124	3177	No
15	GOM_NL__2PRFIN20021009_011723_000000492010_00117_03177_2368.N1	09-OCT-2002 01:17:23	Bright	49.000	68	18Alp Cas	2.2250	4500.0	98	3177	No
16	GOM_NL__2PRFIN20021009_011847_000000472010_00117_03177_2369.N1	09-OCT-2002 01:18:47	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	3177	No
17	GOM_NL__2PRFIN20021009_012138_000000602010_00117_03177_2370.N1	09-OCT-2002 01:21:38	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	3177	No
18	GOM_NL__2PRFIN20021009_012338_000000692010_00117_03177_2371.N1	09-OCT-2002 01:23:38	Bright	69.000	175	39Del Per	3.0100	19400.	138	3177	No
19	GOM_NL__2PRFIN20021009_012602_000000452010_00117_03177_2372.N1	09-OCT-2002 01:26:02	Bright	45.000	49	1Alp UMi	1.9900	6300.0	90	3177	No
20	GOM_NL__2PRFIN20021009_012837_000000452010_00117_03177_2373.N1	09-OCT-2002 01:28:37	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3177	No
21	GOM_NL__2PRFIN20021009_013410_000000472010_00117_03177_2374.N1	09-OCT-2002 01:34:10	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	3177	No
22	GOM_NL__2PRFIN20021009_013542_000000442010_00117_03177_2375.N1	09-OCT-2002 01:35:42	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	3177	No
23	GOM_NL__2PRFIN20021009_013900_000000442010_00117_03177_2376.N1	09-OCT-2002 01:39:00	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	3177	No
24	GOM_NL__2PRFIN20021009_014607_000000922010_00117_03177_2377.N1	09-OCT-2002 01:46:07	Bright	92.000	17	78Bet Gem	1.1610	4500.0	184	3177	No
25	GOM_NL__2PRFIN20021009_014853_000000492010_00117_03177_2378.N1	09-OCT-2002 01:48:53	Bright	48.500	22	32Alp Leo	1.3600	15200.	97	3177	No
26	GOM_NL__2PRFIN20021009_015109_000002472010_00117_03177_2379.N1	09-OCT-2002 01:51:09	Straylight	246.50	170	27Eps Gem	3.0000	9700.0	493	3177	No
27	GOM_NL__2PRFIN20021009_015721_000001212010_00117_03177_2380.N1	09-OCT-2002 01:57:21	Dark	121.00	8	10Alp CMi	0.40000	6500.0	242	3177	No
28	GOM_NL__2PRFIN20021009_020821_000000542010_00117_03177_2381.N1	09-OCT-2002 02:08:21	Dark	53.500	34	Gam2Vel	1.7930	23000.	107	3177	No
29	GOM_NL__2PRFIN20021009_021037_000001352010_00118_03178_2355.N1	09-OCT-2002 02:10:37	Dark	134.50	1	9Alp CMa	-1.4400	11000.	269	3178	No
30	GOM_NL__2PRFIN20021009_021418_000001392010_00118_03178_2356.N1	09-OCT-2002 02:14:18	Dark	139.00	47	2Bet CMa	1.9760	28000.	278	3178	No
31	GOM_NL__2PRFIN20021009_021948_000000452010_00118_03178_2357.N1	09-OCT-2002 02:19:48	Dark	44.500	135	Bet Hyi	2.8200	5800.0	89	3178	No
32	GOM_NL__2PRFIN20021009_022224_000000472010_00118_03178_2358.N1	09-OCT-2002 02:22:24	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3178	No
33	GOM_NL__2PRFIN20021009_022351_000000502010_00118_03178_2359.N1	09-OCT-2002 02:23:51	Dark	49.500	9	Alp Eri	0.45300	24000.	99	3178	No
34	GOM_NL__2PRFIN20021009_022600_000000572010_00118_03178_2360.N1	09-OCT-2002 02:26:00	Straylight	57.000	157	The1Eri	2.9060	9300.0	114	3178	No
35	GOM_NL__2PRFIN20021009_022901_000000522010_00118_03178_2361.N1	09-OCT-2002 02:29:01	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	3178	No
36	GOM_NL__2PRFIN20021009_023332_000000502010_00118_03178_2362.N1	09-OCT-2002 02:33:32	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	3178	No
37	GOM_NL__2PRFIN20021009_023544_000000562010_00118_03178_2363.N1	09-OCT-2002 02:35:44	Straylight	56.000	52	16Bet Cet	2.0370	4500.0	112	3178	No
38	GOM_NL__2PRFIN20021009_023733_000002112010_00118_03178_2364.N1	09-OCT-2002 02:37:33	Bright	210.50	165	34Gam Eri	2.9500	3200.0	421	3178	No
39	GOM_NL__2PRFIN20021009_024540_000000452010_00118_03178_2365.N1	09-OCT-2002 02:45:40	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	3178	No
40	GOM_NL__2PRFIN20021009_024925_000000452010_00118_03178_2366.N1	09-OCT-2002 02:49:25	Bright	44.500	93	53Bet Peg	2.5200	3100.0	89	3178	No
41	GOM_NL__2PRFIN20021009_025244_000000542010_00118_03178_2367.N1	09-OCT-2002 02:52:44	Bright	53.500	53	43Bet And	2.0480	3300.0	107	3178	No
42	GOM_NL__2PRFIN20021009_025504_000000612010_00118_03178_2368.N1	09-OCT-2002 02:55:04	Bright	60.500	173	4Bet Tri	3.0040	8900.0	121	3178	No

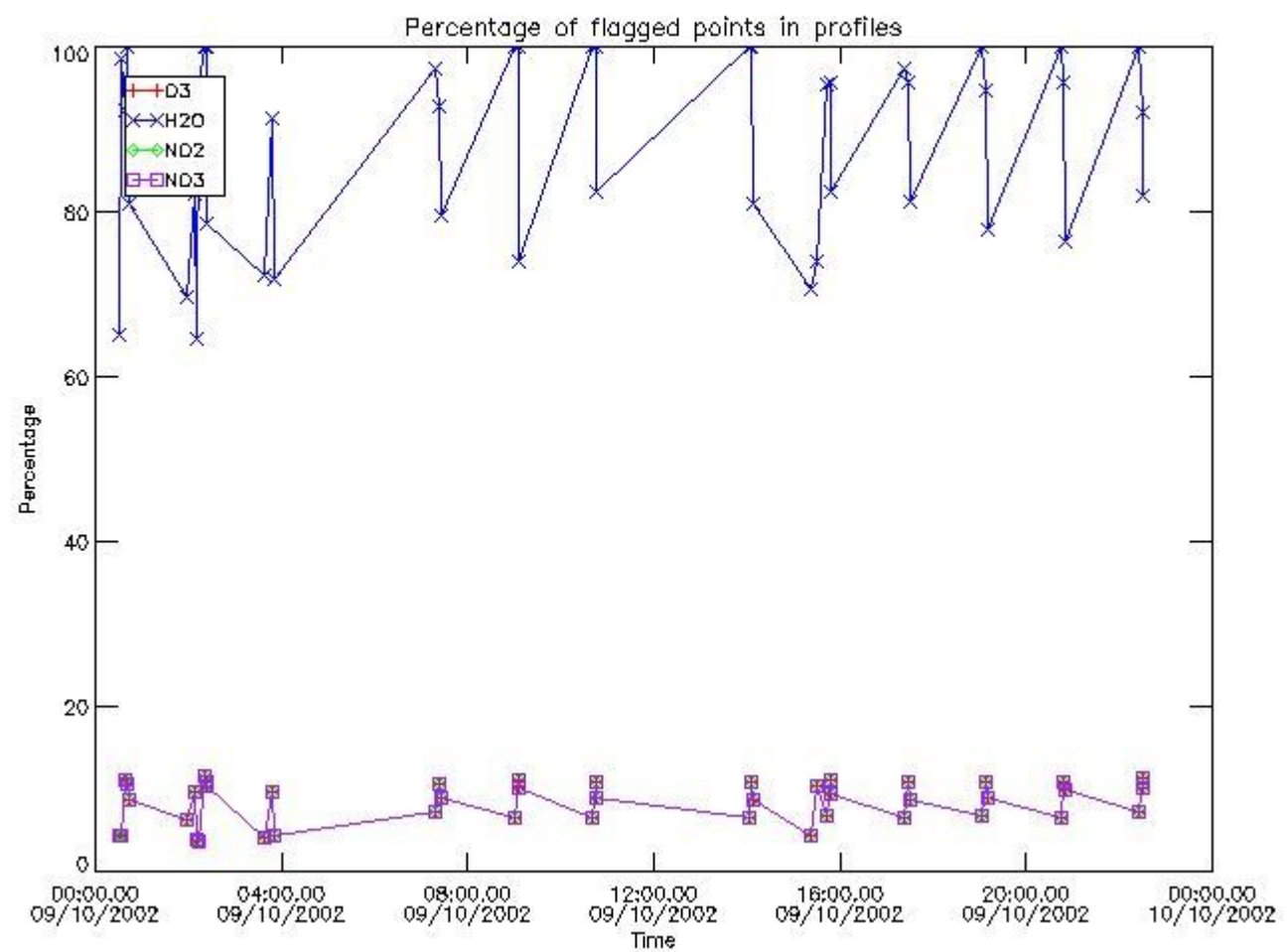
43	GOM_NL__2PRFIN20021009_030213_000000612010_00118_03178_2369.N1	09-OCT-2002 03:02:13	Dark	60.500	160	23Gam Per	2.9300	4700.0	121	3178	Yes
44	GOM_NL__2PRFIN20021009_030412_000000702010_00118_03178_2370.N1	09-OCT-2002 03:04:12	Bright	69.500	175	39Del Per	3.0100	19400.	139	3178	No
45	GOM_NL__2PRFIN20021009_030637_000000442010_00118_03178_2371.N1	09-OCT-2002 03:06:37	Bright	43.500	49	1Alp UMi	1.9900	6300.0	87	3178	No
46	GOM_NL__2PRFIN20021009_030913_000000452010_00118_03178_2372.N1	09-OCT-2002 03:09:13	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	3178	No
47	GOM_NL__2PRFIN20021009_031445_000000482010_00118_03178_2373.N1	09-OCT-2002 03:14:45	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	3178	No
48	GOM_NL__2PRFIN20021009_031618_000000432010_00118_03178_2374.N1	09-OCT-2002 03:16:18	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	3178	No
49	GOM_NL__2PRFIN20021009_031933_000000462010_00118_03178_2375.N1	09-OCT-2002 03:19:33	Bright	46.000	174	52Psi UMa	3.0040	4400.0	92	3178	No
50	GOM_NL__2PRFIN20021009_032644_000000892010_00118_03178_2376.N1	09-OCT-2002 03:26:44	Bright	88.500	17	78Bet Gem	1.1610	4500.0	177	3178	No
51	GOM_NL__2PRFIN20021009_032929_000000482010_00118_03178_2377.N1	09-OCT-2002 03:29:29	Bright	48.000	22	32Alp Leo	1.3600	15200.	96	3178	No
52	GOM_NL__2PRFIN20021009_033146_000002472010_00118_03178_2378.N1	09-OCT-2002 03:31:46	Straylight	246.50	170	27Eps Gem	3.0000	9700.0	493	3178	No
53	GOM_NL__2PRFIN20021009_033758_000001272010_00118_03178_2379.N1	09-OCT-2002 03:37:58	Dark	127.00	8	10Alp CMi	0.40000	6500.0	254	3178	No
54	GOM_NL__2PRFIN20021009_034854_000000532010_00118_03178_2380.N1	09-OCT-2002 03:48:54	Dark	53.000	34	Gam2Vel	1.7930	23000.	106	3178	No
55	GOM_NL__2PRFIN20021009_035115_000001192010_00119_03179_8968.N1	09-OCT-2002 03:51:15	Dark	119.00	1	9Alp CMa	-1.4400	11000.	238	3179	No
56	GOM_NL__2PRFIN20021009_071917_000000772010_00121_03181_8969.N1	09-OCT-2002 07:19:17	Dark	76.500	108	Alp Col	2.6520	15200.	153	3181	No
57	GOM_NL__2PRFIN20021009_072413_000000492010_00121_03181_8970.N1	09-OCT-2002 07:24:13	Dark	48.500	143	Alp Hyi	2.8570	7200.0	97	3181	No
58	GOM_NL__2PRFIN20021009_072540_000000572010_00121_03181_8971.N1	09-OCT-2002 07:25:40	Dark	56.500	9	Alp Eri	0.45300	24000.	113	3181	No
59	GOM_NL__2PRFIN20021009_072749_000000592010_00121_03181_8972.N1	09-OCT-2002 07:27:49	Straylight	58.500	157	The1Eri	2.9060	9300.0	117	3181	No
60	GOM_NL__2PRFIN20021009_073049_000000482010_00121_03181_8973.N1	09-OCT-2002 07:30:49	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	3181	No
61	GOM_NL__2PRFIN20021009_073519_000000502010_00121_03181_8974.N1	09-OCT-2002 07:35:19	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	3181	No
62	GOM_NL__2PRFIN20021009_073731_000000542010_00121_03181_8975.N1	09-OCT-2002 07:37:31	Straylight	53.500	52	16Bet Cet	2.0370	4500.0	107	3181	No
63	GOM_NL__2PRFIN20021009_085953_000000802010_00122_03182_8969.N1	09-OCT-2002 08:59:53	Dark	79.500	108	Alp Col	2.6520	15200.	159	3182	No
64	GOM_NL__2PRFIN20021009_090449_000000462010_00122_03182_8970.N1	09-OCT-2002 09:04:49	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3182	No
65	GOM_NL__2PRFIN20021009_090616_000000512010_00122_03182_8971.N1	09-OCT-2002 09:06:16	Dark	50.500	9	Alp Eri	0.45300	24000.	101	3182	No
66	GOM_NL__2PRFIN20021009_090825_000000582010_00122_03182_8972.N1	09-OCT-2002 09:08:25	Straylight	58.000	157	The1Eri	2.9060	9300.0	116	3182	No
67	GOM_NL__2PRFIN20021009_091126_000000492010_00122_03182_8973.N1	09-OCT-2002 09:11:26	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3182	No
68	GOM_NL__2PRFIN20021009_091556_000000532010_00122_03182_8974.N1	09-OCT-2002 09:15:56	Straylight	52.500	18	24Alp PsA	1.1660	9700.0	105	3182	No
69	GOM_NL__2PRFIN20021009_091807_000000552010_00122_03182_8975.N1	09-OCT-2002 09:18:07	Straylight	55.000	52	16Bet Cet	2.0370	4500.0	110	3182	No
70	GOM_NL__2PRFIN20021009_104031_000000782010_00123_03183_8969.N1	09-OCT-2002 10:40:31	Dark	77.500	108	Alp Col	2.6520	15200.	155	3183	No
71	GOM_NL__2PRFIN20021009_104525_000000472010_00123_03183_8970.N1	09-OCT-2002 10:45:25	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3183	No
72	GOM_NL__2PRFIN20021009_104652_000000572010_00123_03183_8971.N1	09-OCT-2002 10:46:52	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3183	No
73	GOM_NL__2PRFIN20021009_104902_000000582010_00123_03183_8972.N1	09-OCT-2002 10:49:02	Straylight	57.500	157	The1Eri	2.9060	9300.0	115	3183	No
74	GOM_NL__2PRFIN20021009_105202_000000502010_00123_03183_8973.N1	09-OCT-2002 10:52:02	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3183	No
75	GOM_NL__2PRFIN20021009_105632_000000512010_00123_03183_8974.N1	09-OCT-2002 10:56:32	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	3183	No
76	GOM_NL__2PRFIN20021009_105844_000000562010_00123_03183_8975.N1	09-OCT-2002 10:58:44	Straylight	55.500	52	16Bet Cet	2.0370	4500.0	111	3183	No
77	GOM_NL__2PRFIN20021009_140146_000000782010_00125_03185_2351.N1	09-OCT-2002 14:01:46	Dark	77.500	108	Alp Col	2.6520	15200.	155	3185	No
78	GOM_NL__2PRFIN20021009_140638_000000472010_00125_03185_2352.N1	09-OCT-2002 14:06:38	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3185	No
79	GOM_NL__2PRFIN20021009_140805_000000582010_00125_03185_2353.N1	09-OCT-2002 14:08:05	Dark	58.000	9	Alp Eri	0.45300	24000.	116	3185	No
80	GOM_NL__2PRFIN20021009_141016_000000562010_00125_03185_2354.N1	09-OCT-2002 14:10:16	Straylight	56.000	157	The1Eri	2.9060	9300.0	112	3185	No
81	GOM_NL__2PRFIN20021009_141315_000000492010_00125_03185_2355.N1	09-OCT-2002 14:13:15	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3185	No
82	GOM_NL__2PRFIN20021009_141744_000000532010_00125_03185_2356.N1	09-OCT-2002 14:17:44	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	3185	No
83	GOM_NL__2PRFIN20021009_141956_000000542010_00125_03185_2357.N1	09-OCT-2002 14:19:56	Straylight	53.500	52	16Bet Cet	2.0370	4500.0	107	3185	No
84	GOM_NL__2PRFIN20021009_142952_000000452010_00125_03185_2358.N1	09-OCT-2002 14:29:52	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	3185	No
85	GOM_NL__2PRFIN20021009_143337_000000452010_00125_03185_2359.N1	09-OCT-2002 14:33:37	Bright	45.000	93	53Bet Peg	2.5200	3100.0	90	3185	No
86	GOM_NL__2PRFIN20021009_143651_000000522010_00125_03185_2360.N1	09-OCT-2002 14:36:51	Bright	52.000	53	43Bet And	2.0480	3300.0	104	3185	No
87	GOM_NL__2PRFIN20021009_143909_000000592010_00125_03185_2361.N1	09-OCT-2002 14:39:09	Bright	59.000	173	4Bet Tri	3.0040	8900.0	118	3185	No
88	GOM_NL__2PRFIN20021009_144206_000000522010_00125_03185_2362.N1	09-OCT-2002 14:42:06	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	3185	No
89	GOM_NL__2PRFIN20021009_144332_000000492010_00125_03185_2363.N1	09-OCT-2002 14:43:32	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	3185	No
90	GOM_NL__2PRFIN20021009_144616_000000612010_00125_03185_2364.N1	09-OCT-2002 14:46:16	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	3185	No
91	GOM_NL__2PRFIN20021009_144815_000000702010_00125_03185_2365.N1	09-OCT-2002 14:48:15	Bright	69.500	175	39Del Per	3.0100	19400.	139	3185	No
92	GOM_NL__2PRFIN20021009_145046_000000452010_00125_03185_2366.N1	09-OCT-2002 14:50:46	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3185	No
93	GOM_NL__2PRFIN20021009_145326_000000412010_00125_03185_2367.N1	09-OCT-2002 14:53:26	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	3185	No
94	GOM_NL__2PRFIN20021009_145625_000000982010_00125_03185_2368.N1	09-OCT-2002 14:56:25	Bright	97.500	6	13Alp Aur	0.080000	3400.0	195	3185	No
95	GOM_NL__2PRFIN20021009_145930_000000432010_00125_03185_2369.N1	09-OCT-2002 14:59:30	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	3185	No
96	GOM_NL__2PRFIN20021009_150052_000000432010_00125_03185_2370.N1	09-OCT-2002 15:00:52	Bright	42.500	87	64Gam UMa	2.4330	11000.	85	3185	No
97	GOM_NL__2PRFIN20021009_150348_000000432010_00125_03185_2371.N1	09-OCT-2002 15:03:48	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	3185	No
98	GOM_NL__2PRFIN20021009_151057_000000932010_00125_03185_2372.N1	09-OCT-2002 15:10:57	Bright	92.500	17	78Bet Gem	1.1610	4500.0	185	3185	No
99	GOM_NL__2PRFIN20021009_151341_000000612010_00125_03185_2373.N1	09-OCT-2002 15:13:41	Bright	61.000	22	32Alp Leo	1.3600	15200.	122	3185	No
100	GOM_NL__2PRFIN20021009_152036_000000652010_00125_03185_2374.N1	09-OCT-2002 15:20:36	Twilight	64.500	48	30Alp Hya	1.9770	4100.0	129	3185	No
101	GOM_NL__2PRFIN20021009_152222_000001172010_00125_03185_2375.N1	09-OCT-2002 15:22:22	Dark	116.50	8	10Alp CMi	0.40000	6500.0	233	3185	No

102	GOM_NL__2PRFIN20021009_153018_000000542010_00125_03185_2376.N1	09-OCT-2002 15:30:18	Dark	54.000	65	Lam Vel	2.2040	4400.0	108	3185	No
103	GOM_NL__2PRFIN20021009_154223_000000762010_00126_03186_8876.N1	09-OCT-2002 15:42:23	Dark	76.000	108	Alp Col	2.6520	15200.	152	3186	No
104	GOM_NL__2PRFIN20021009_154714_000000462010_00126_03186_8877.N1	09-OCT-2002 15:47:14	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3186	No
105	GOM_NL__2PRFIN20021009_154841_000000552010_00126_03186_8878.N1	09-OCT-2002 15:48:41	Dark	54.500	9	Alp Eri	0.45300	24000.	109	3186	No
106	GOM_NL__2PRFIN20021009_155051_000000572010_00126_03186_8879.N1	09-OCT-2002 15:50:51	Straylight	57.000	157	The1Eri	2.9060	9300.0	114	3186	No
107	GOM_NL__2PRFIN20021009_155351_000000502010_00126_03186_8880.N1	09-OCT-2002 15:53:51	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3186	No
108	GOM_NL__2PRFIN20021009_155820_000000522010_00126_03186_8881.N1	09-OCT-2002 15:58:20	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	3186	No
109	GOM_NL__2PRFIN20021009_172301_000000782010_00127_03187_8876.N1	09-OCT-2002 17:23:01	Dark	78.000	108	Alp Col	2.6520	15200.	156	3187	No
110	GOM_NL__2PRFIN20021009_172750_000000472010_00127_03187_8877.N1	09-OCT-2002 17:27:50	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3187	No
111	GOM_NL__2PRFIN20021009_172918_000000592010_00127_03187_8878.N1	09-OCT-2002 17:29:18	Dark	59.000	9	Alp Eri	0.45300	24000.	118	3187	No
112	GOM_NL__2PRFIN20021009_173128_000000592010_00127_03187_8879.N1	09-OCT-2002 17:31:28	Straylight	58.500	157	The1Eri	2.9060	9300.0	117	3187	No
113	GOM_NL__2PRFIN20021009_173427_000000492010_00127_03187_8880.N1	09-OCT-2002 17:34:27	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	3187	No
114	GOM_NL__2PRFIN20021009_190338_000000762010_00128_03188_8876.N1	09-OCT-2002 19:03:38	Dark	75.500	108	Alp Col	2.6520	15200.	151	3188	No
115	GOM_NL__2PRFIN20021009_190827_000000472010_00128_03188_8877.N1	09-OCT-2002 19:08:27	Dark	47.000	143	Alp Hyi	2.8570	7200.0	94	3188	No
116	GOM_NL__2PRFIN20021009_190954_000000572010_00128_03188_8878.N1	09-OCT-2002 19:09:54	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3188	No
117	GOM_NL__2PRFIN20021009_191205_000000562010_00128_03188_8879.N1	09-OCT-2002 19:12:05	Straylight	56.000	157	The1Eri	2.9060	9300.0	112	3188	No
118	GOM_NL__2PRFIN20021009_204416_000000782010_00129_03189_8876.N1	09-OCT-2002 20:44:16	Dark	77.500	108	Alp Col	2.6520	15200.	155	3189	No
119	GOM_NL__2PRFIN20021009_204903_000000472010_00129_03189_8877.N1	09-OCT-2002 20:49:03	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3189	No
120	GOM_NL__2PRFIN20021009_205030_000000522010_00129_03189_8878.N1	09-OCT-2002 20:50:30	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3189	No
121	GOM_NL__2PRFIN20021009_205242_000000592010_00129_03189_8879.N1	09-OCT-2002 20:52:42	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3189	No
122	GOM_NL__2PRFIN20021009_205539_000000512010_00129_03189_8880.N1	09-OCT-2002 20:55:39	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	3189	No
123	GOM_NL__2PRFIN20021009_222454_000000772010_00130_03190_8876.N1	09-OCT-2002 22:24:54	Dark	76.500	108	Alp Col	2.6520	15200.	153	3190	No
124	GOM_NL__2PRFIN20021009_222939_000000452010_00130_03190_8877.N1	09-OCT-2002 22:29:39	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3190	No
125	GOM_NL__2PRFIN20021009_223107_000000502010_00130_03190_8878.N1	09-OCT-2002 22:31:07	Dark	50.000	9	Alp Eri	0.45300	24000.	100	3190	No
126	GOM_NL__2PRFIN20021009_223318_000000562010_00130_03190_8879.N1	09-OCT-2002 22:33:18	Straylight	55.500	157	The1Eri	2.9060	9300.0	111	3190	No

3. Quality information per product

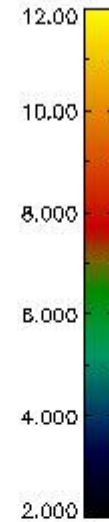
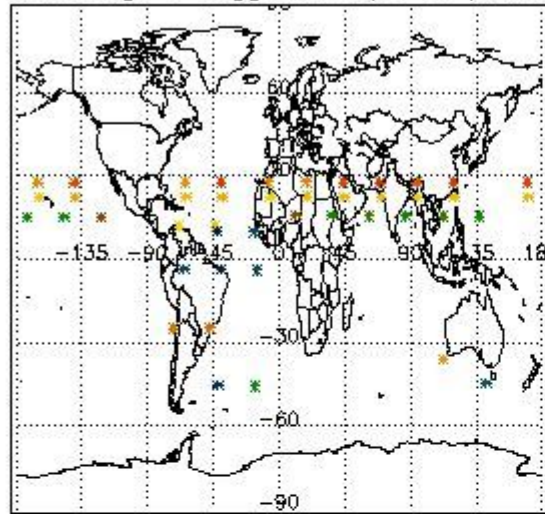
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

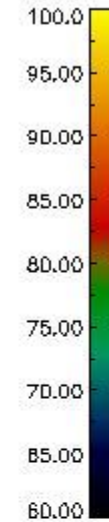
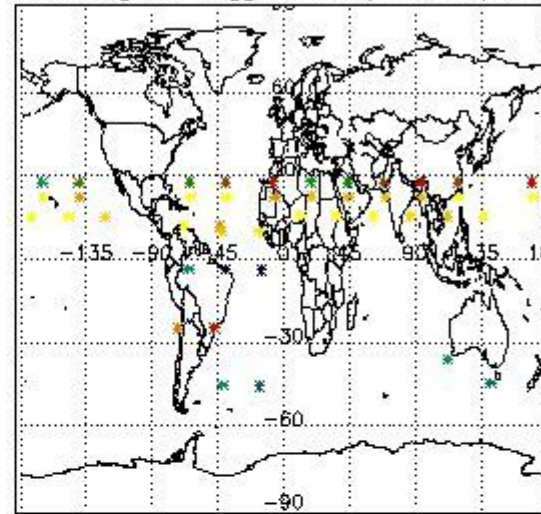


3.2 Plot quality information per product (world map)

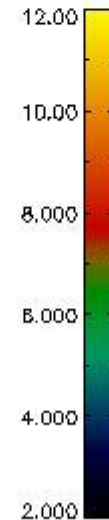
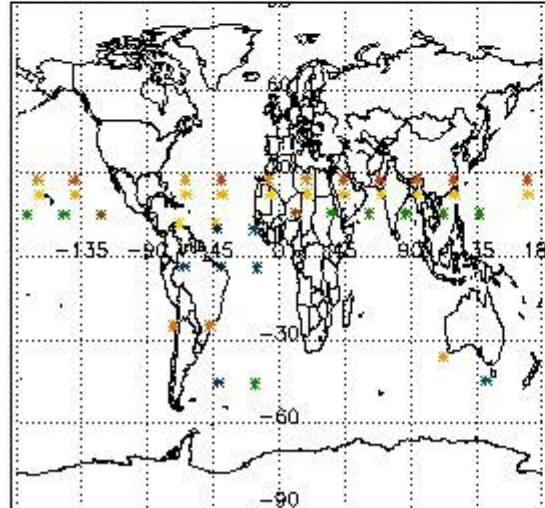
Percentage of flagged data per O3 profile



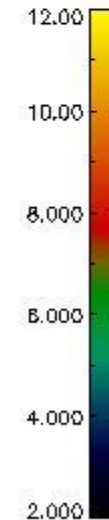
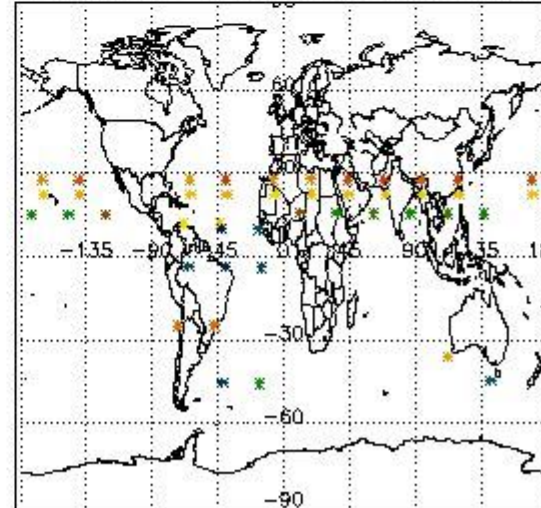
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

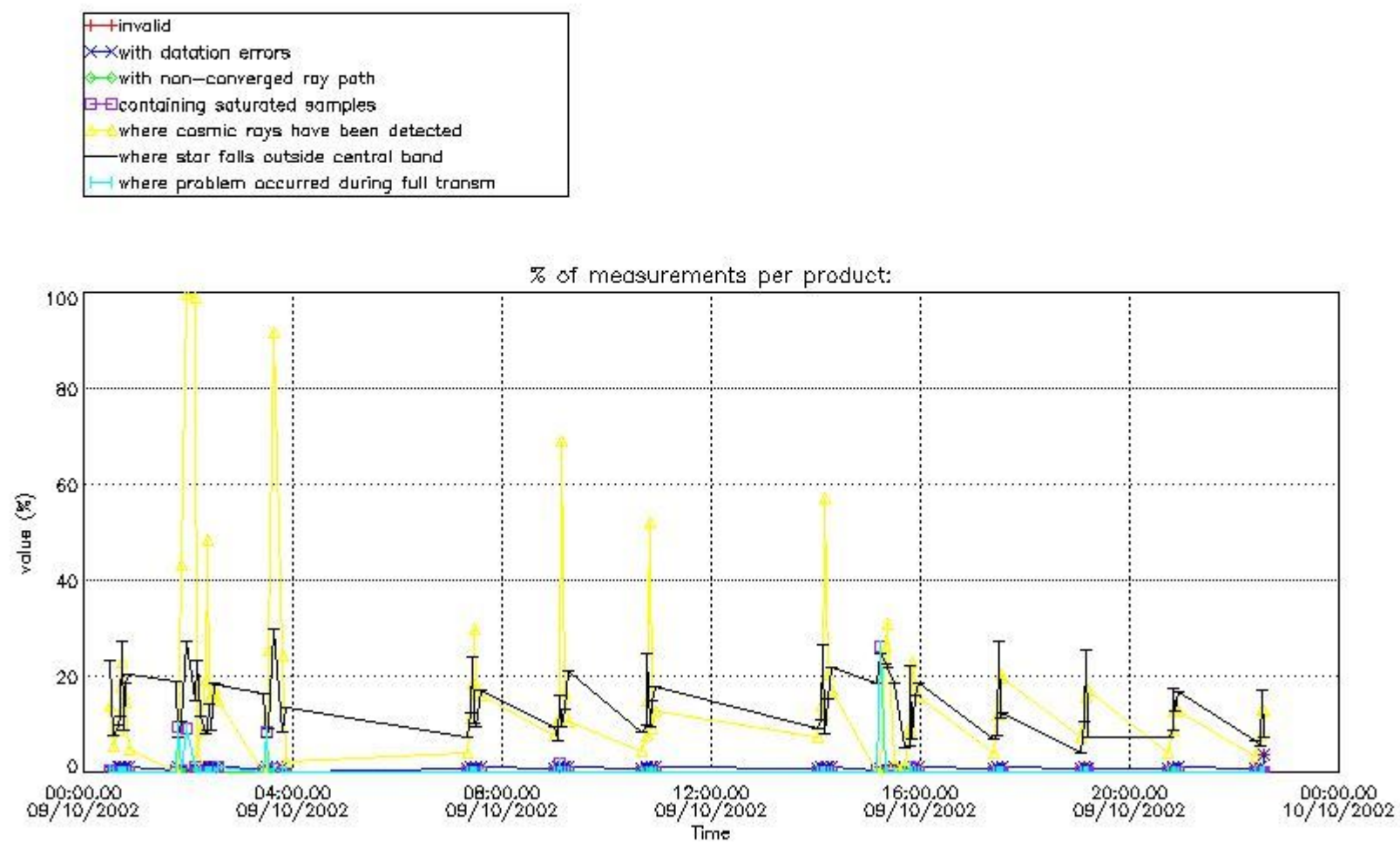


4. Level 1 quality information per product

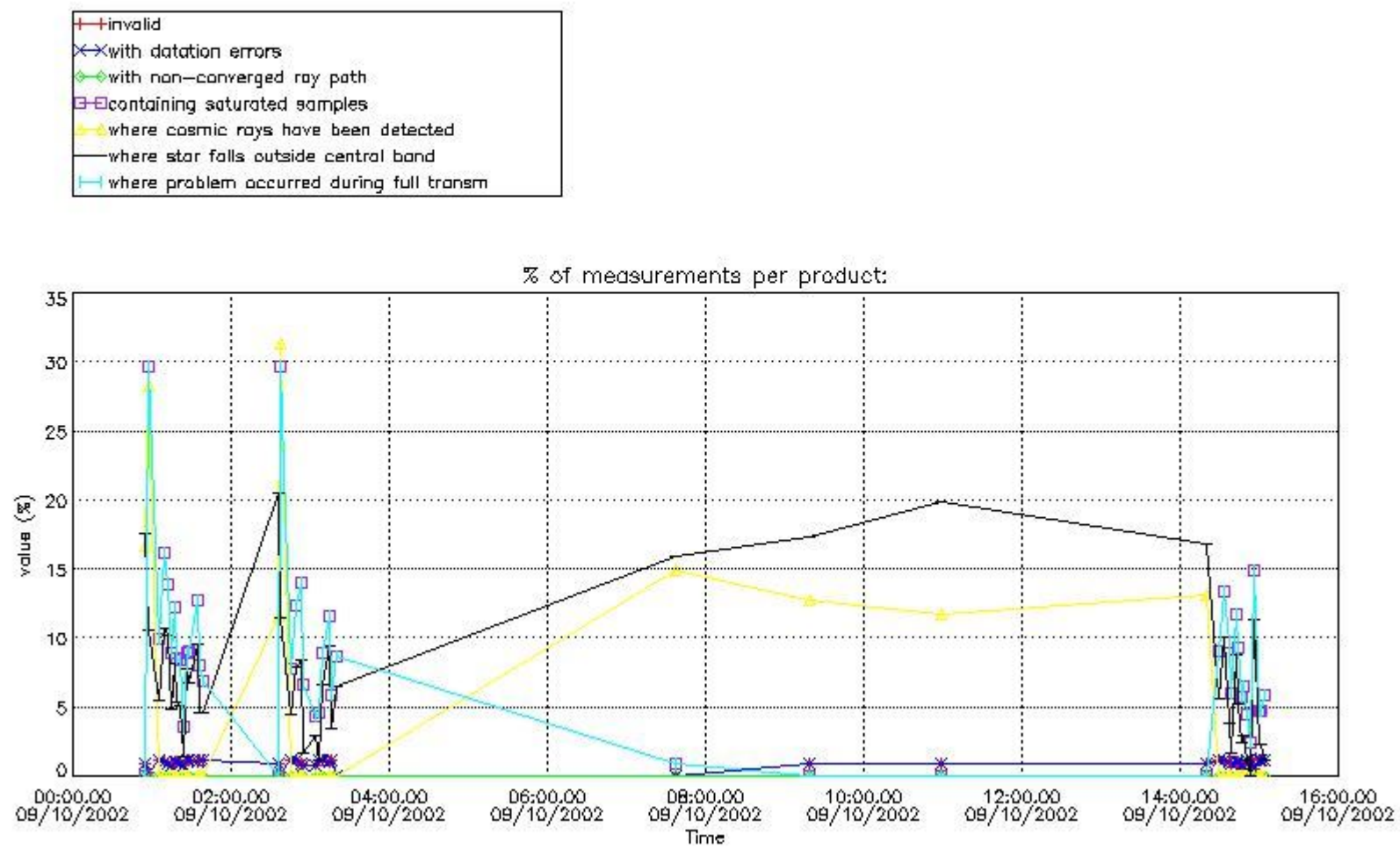
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



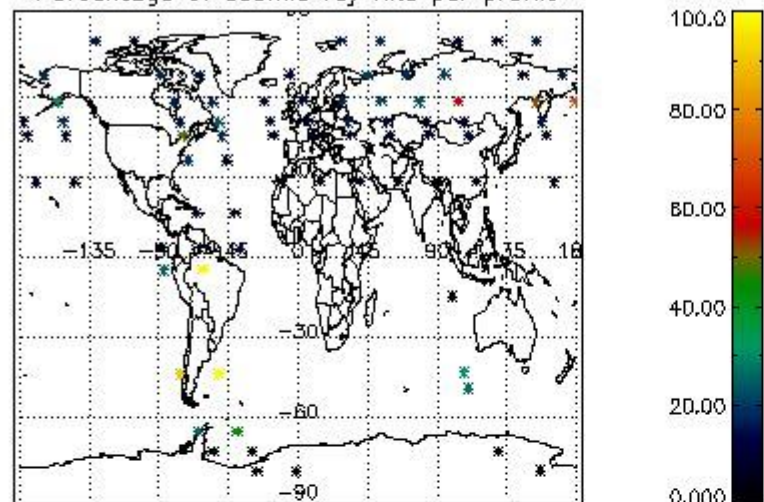
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



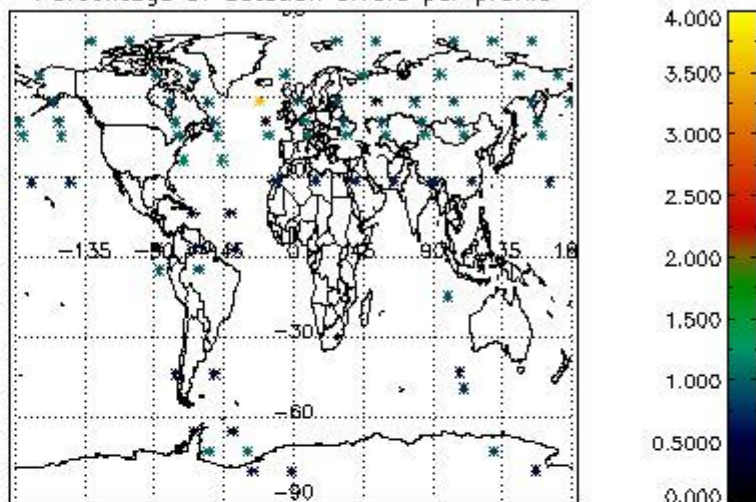
4.2 Plot quality information per product coming from level 1b processing (world map)

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

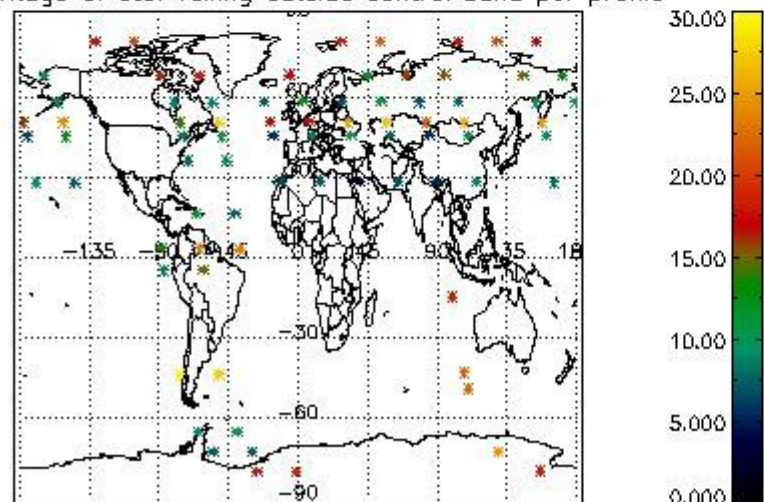
Percentage of cosmic ray hits per profile



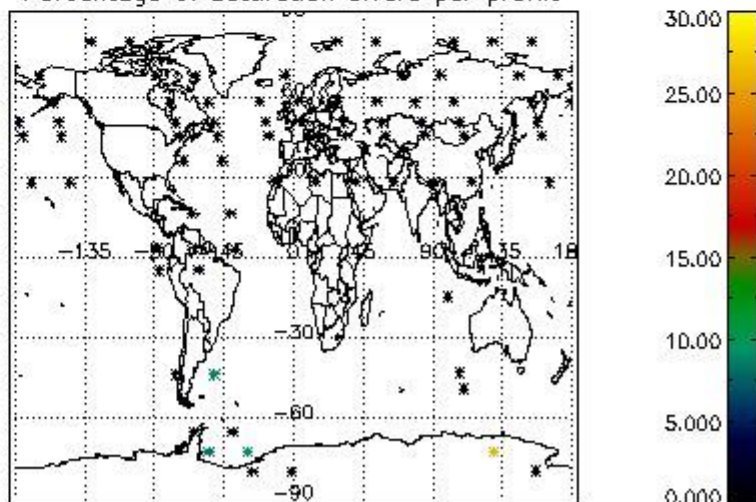
Percentage of datation errors per profile



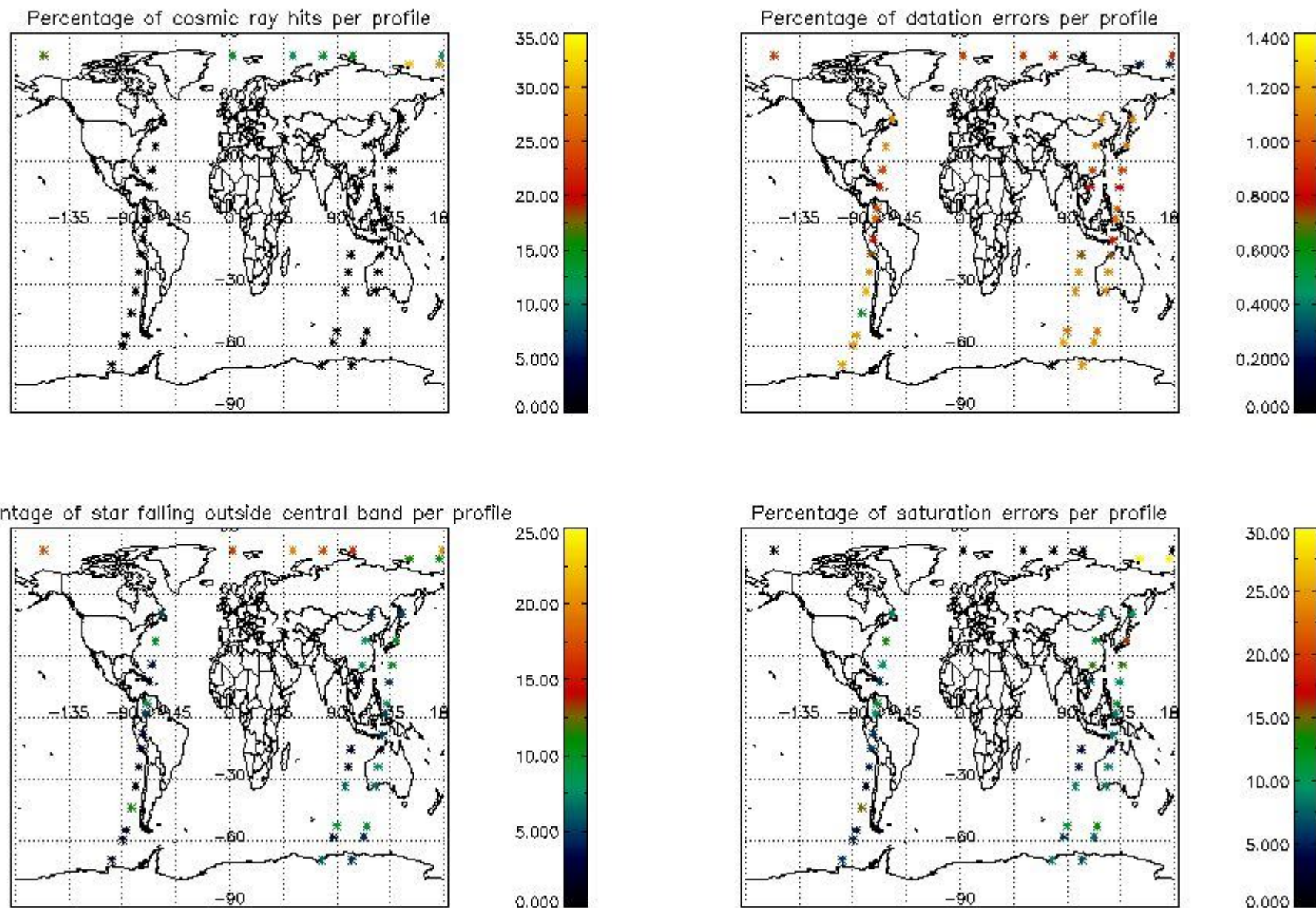
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

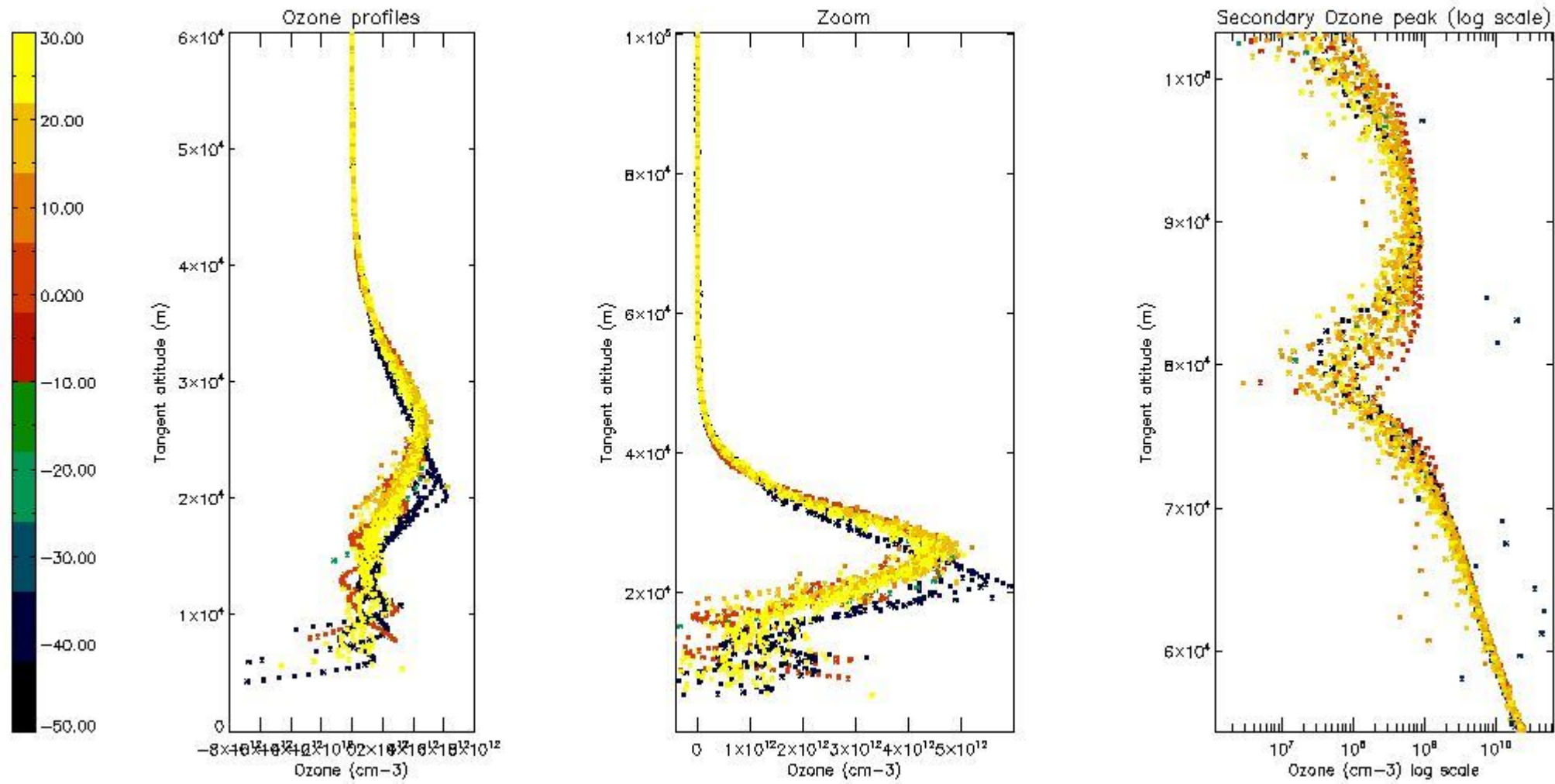
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	23

STD < 10	21
STD < 5	16

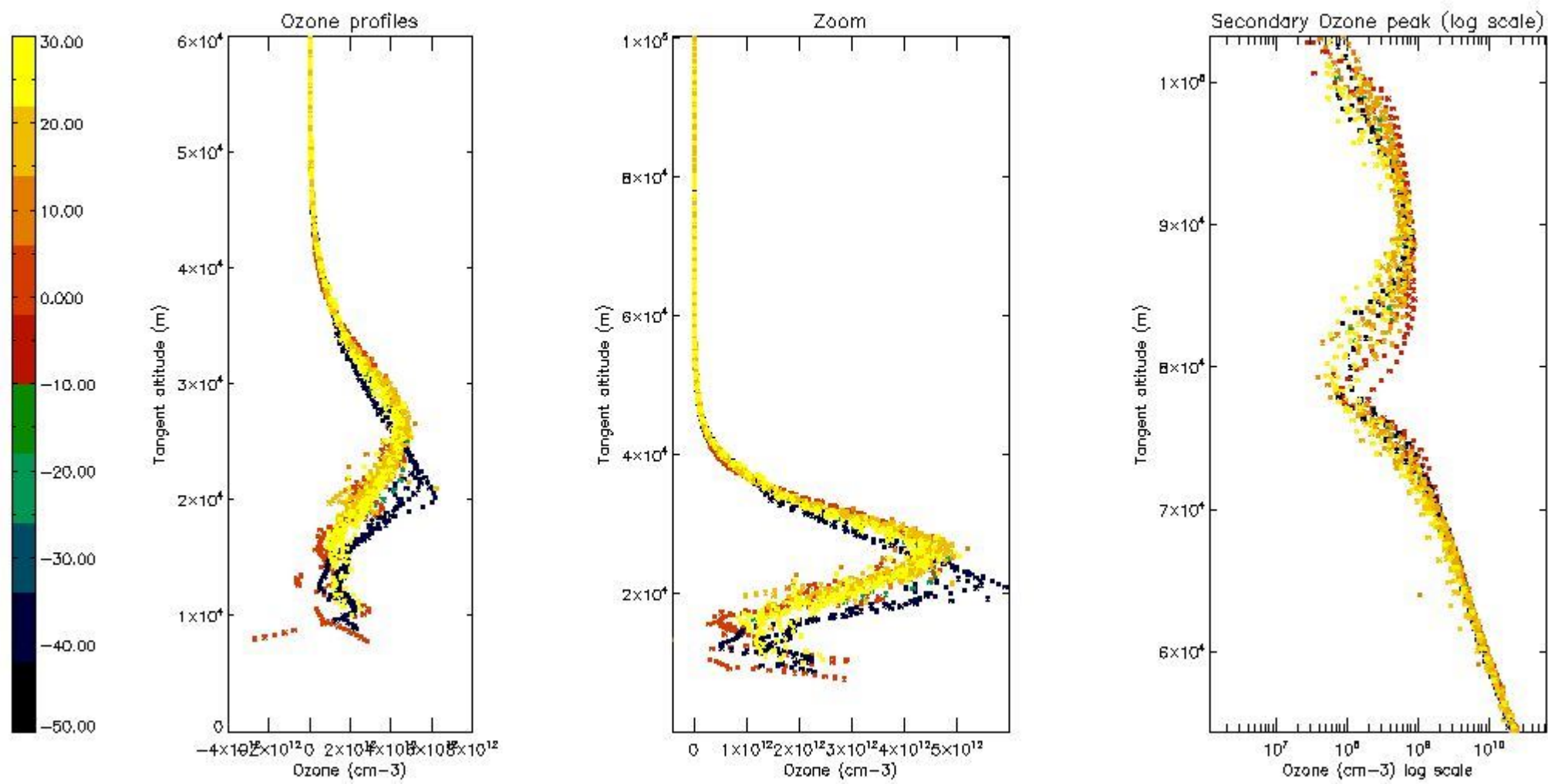
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



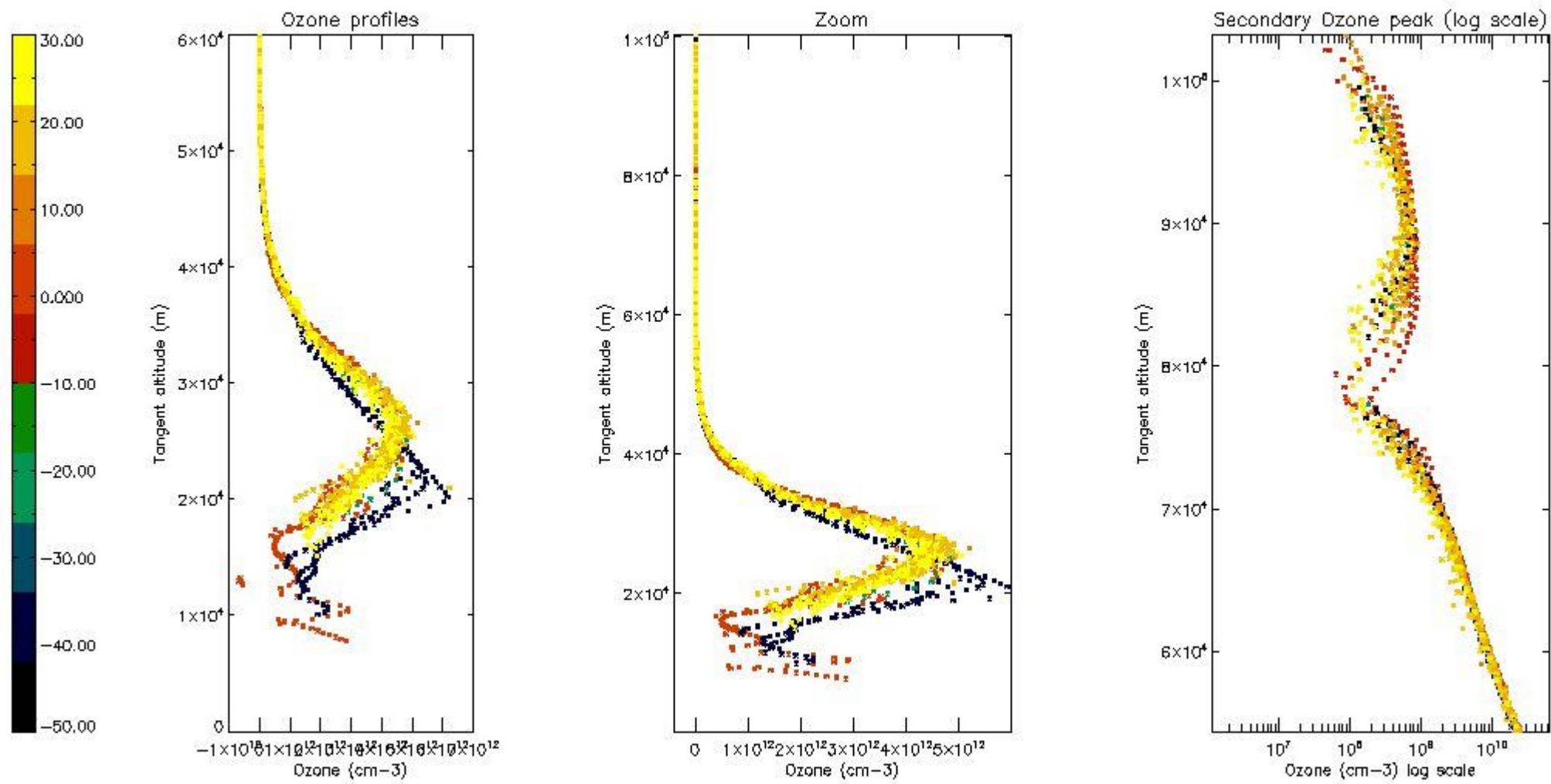
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



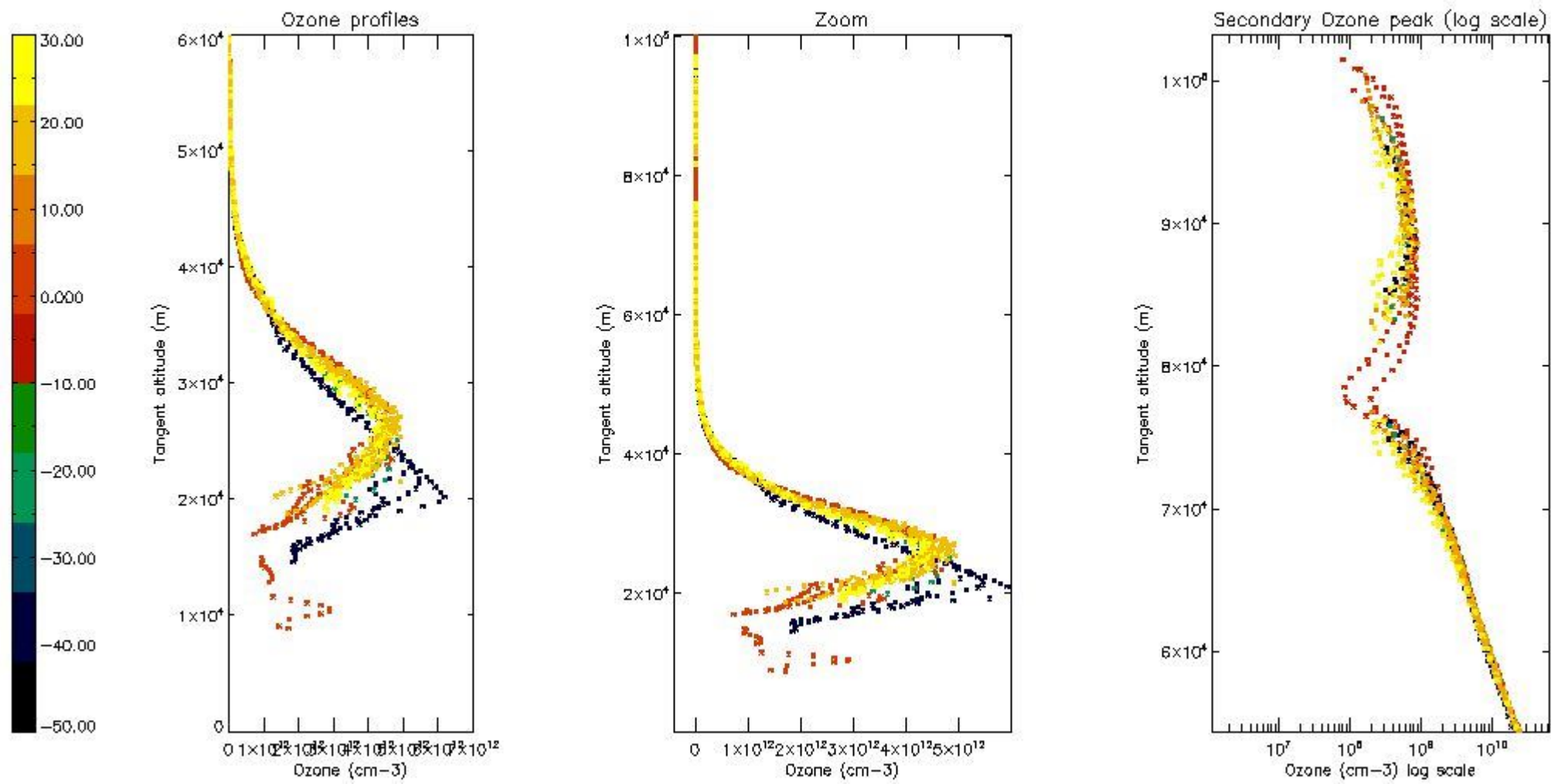
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



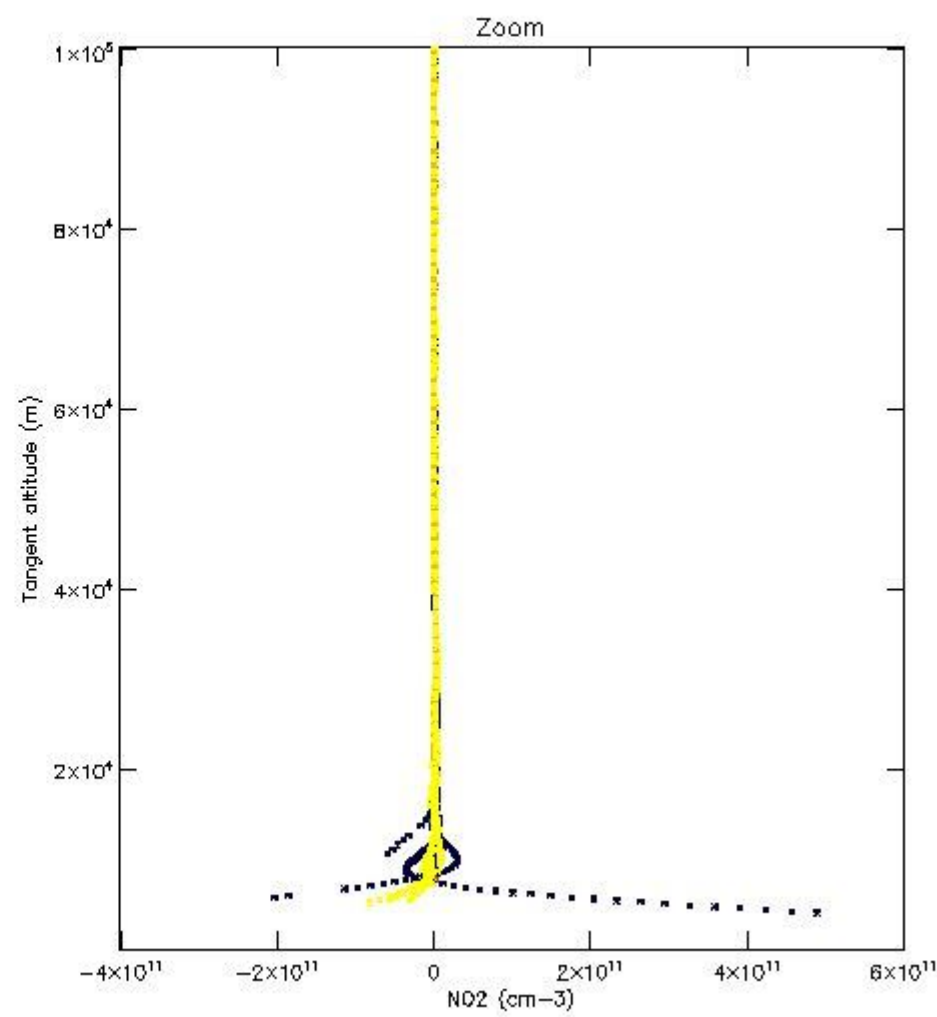
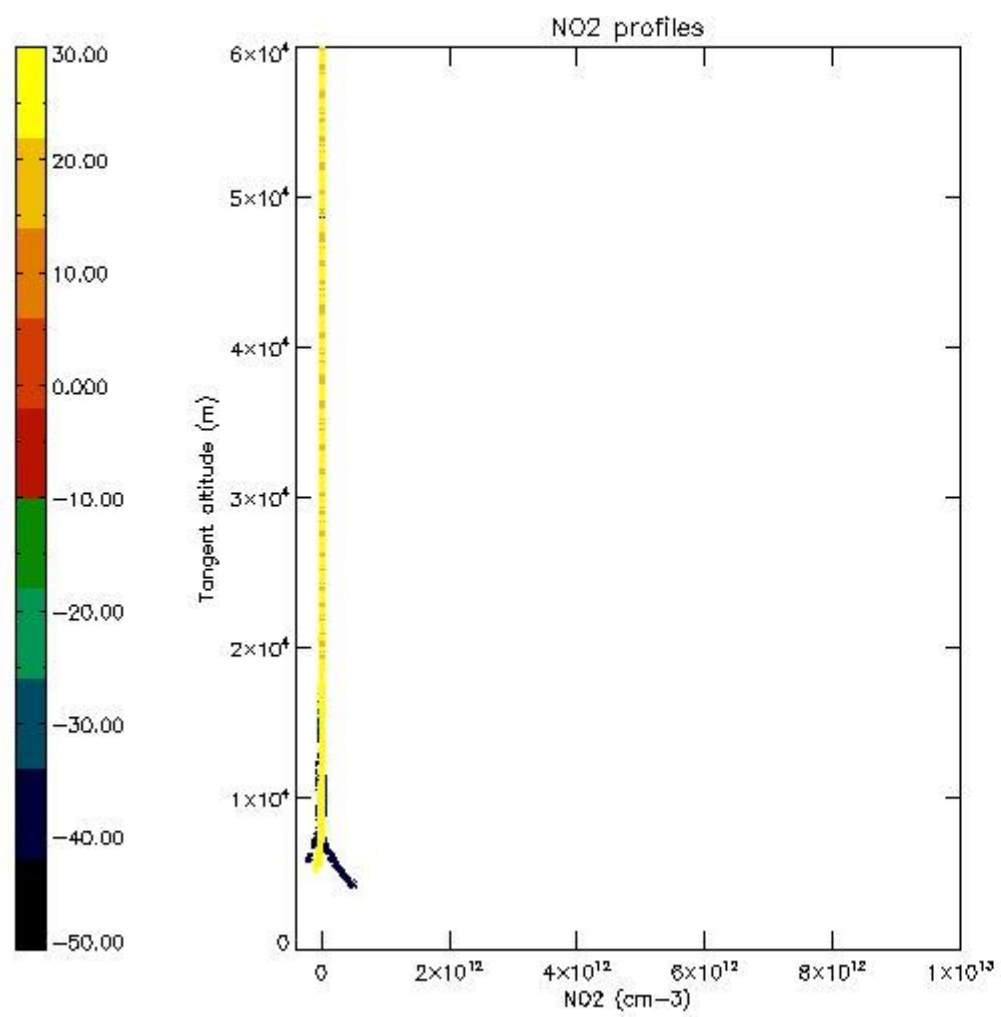
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



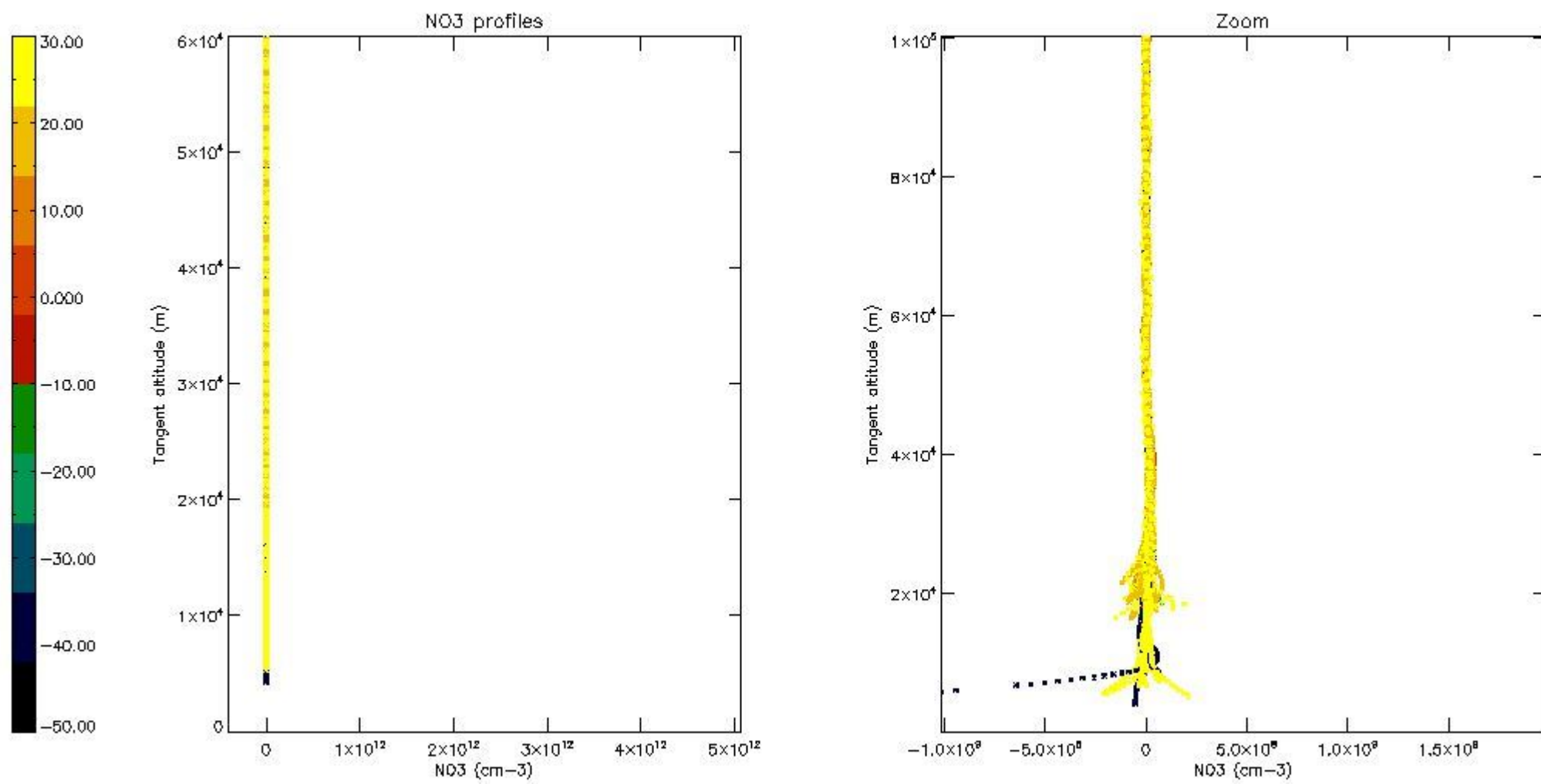
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



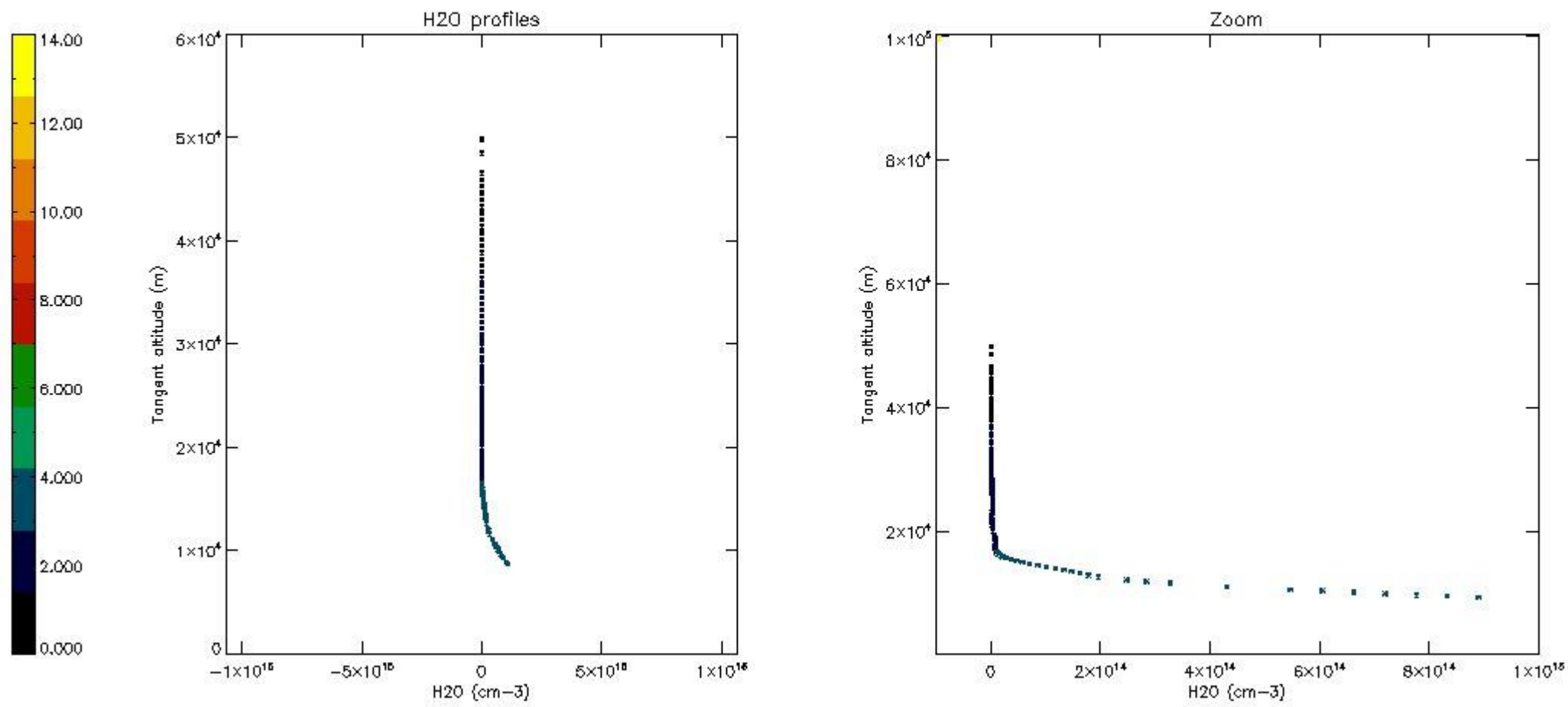
5.7 Plot NO3 profiles for all STD (dark without errors)

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	09-OCT-2002 00:29:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-OCT-2002 00:29:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-OCT-2002 00:29:58

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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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 19:17:30
Data source version	GOMOS/6.01
Start time of products	09-10-2002 (09OCT2002 00:00:00)
Stop time of products	10-10-2002 (10OCT2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	126
Nb of prods with errors	1

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__2PRFIN20021009_002958_000001342010_00117_03177_8969.N1	09-OCT-2002 00:29:58	Dark	133.50	1	9Alp CMa	-1.4400	11000.	267	3177	No
2	GOM_NL__2PRFIN20021009_003339_000001322010_00117_03177_8970.N1	09-OCT-2002 00:33:39	Dark	132.00	47	2Bet CMa	1.9760	28000.	264	3177	No
3	GOM_NL__2PRFIN20021009_003912_000000462010_00117_03177_8971.N1	09-OCT-2002 00:39:12	Dark	45.500	135	Bet Hyi	2.8200	5800.0	91	3177	No
4	GOM_NL__2PRFIN20021009_004148_000000482010_00117_03177_8972.N1	09-OCT-2002 00:41:48	Dark	48.000	143	Alp Hyi	2.8570	7200.0	96	3177	No
5	GOM_NL__2PRFIN20021009_004315_000000592010_00117_03177_8973.N1	09-OCT-2002 00:43:15	Dark	58.500	9	Alp Eri	0.45300	24000.	117	3177	No
6	GOM_NL__2PRFIN20021009_004523_000000582010_00117_03177_8974.N1	09-OCT-2002 00:45:23	Straylight	57.500	157	The1Eri	2.9060	9300.0	115	3177	No
7	GOM_NL__2PRFIN20021009_004825_000000522010_00117_03177_8975.N1	09-OCT-2002 00:48:25	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	3177	No
8	GOM_NL__2PRFIN20021009_005256_000000522010_00117_03177_8976.N1	09-OCT-2002 00:52:56	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	3177	No
9	GOM_NL__2PRFIN20021009_005508_000000542010_00117_03177_8977.N1	09-OCT-2002 00:55:08	Straylight	54.000	52	16Bet Cet	2.0370	4500.0	108	3177	No
10	GOM_NL__2PRFIN20021009_005657_000002122010_00117_03177_8978.N1	09-OCT-2002 00:56:57	Bright	212.00	165	34Gam Eri	2.9500	3200.0	424	3177	No
11	GOM_NL__2PRFIN20021009_010504_000000462010_00117_03177_8979.N1	09-OCT-2002 01:05:04	Bright	45.500	140	88Gam Peg	2.8340	26000.	91	3177	No
12	GOM_NL__2PRFIN20021009_010849_000000472010_00117_03177_2365.N1	09-OCT-2002 01:08:49	Bright	46.500	93	53Bet Peg	2.5200	3100.0	93	3177	No
13	GOM_NL__2PRFIN20021009_011209_000000542010_00117_03177_2366.N1	09-OCT-2002 01:12:09	Bright	54.000	53	43Bet And	2.0480	3300.0	108	3177	No
14	GOM_NL__2PRFIN20021009_011429_000000622010_00117_03177_2367.N1	09-OCT-2002 01:14:29	Bright	62.000	173	4Bet Tri	3.0040	8900.0	124	3177	No
15	GOM_NL__2PRFIN20021009_011723_000000492010_00117_03177_2368.N1	09-OCT-2002 01:17:23	Bright	49.000	68	18Alp Cas	2.2250	4500.0	98	3177	No
16	GOM_NL__2PRFIN20021009_011847_000000472010_00117_03177_2369.N1	09-OCT-2002 01:18:47	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	3177	No
17	GOM_NL__2PRFIN20021009_012138_000000602010_00117_03177_2370.N1	09-OCT-2002 01:21:38	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	3177	No
18	GOM_NL__2PRFIN20021009_012338_000000692010_00117_03177_2371.N1	09-OCT-2002 01:23:38	Bright	69.000	175	39Del Per	3.0100	19400.	138	3177	No
19	GOM_NL__2PRFIN20021009_012602_000000452010_00117_03177_2372.N1	09-OCT-2002 01:26:02	Bright	45.000	49	1Alp UMi	1.9900	6300.0	90	3177	No
20	GOM_NL__2PRFIN20021009_012837_000000452010_00117_03177_2373.N1	09-OCT-2002 01:28:37	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3177	No
21	GOM_NL__2PRFIN20021009_013410_000000472010_00117_03177_2374.N1	09-OCT-2002 01:34:10	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	3177	No
22	GOM_NL__2PRFIN20021009_013542_000000442010_00117_03177_2375.N1	09-OCT-2002 01:35:42	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	3177	No
23	GOM_NL__2PRFIN20021009_013900_000000442010_00117_03177_2376.N1	09-OCT-2002 01:39:00	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	3177	No
24	GOM_NL__2PRFIN20021009_014607_000000922010_00117_03177_2377.N1	09-OCT-2002 01:46:07	Bright	92.000	17	78Bet Gem	1.1610	4500.0	184	3177	No
25	GOM_NL__2PRFIN20021009_014853_000000492010_00117_03177_2378.N1	09-OCT-2002 01:48:53	Bright	48.500	22	32Alp Leo	1.3600	15200.	97	3177	No
26	GOM_NL__2PRFIN20021009_015109_000002472010_00117_03177_2379.N1	09-OCT-2002 01:51:09	Straylight	246.50	170	27Eps Gem	3.0000	9700.0	493	3177	No
27	GOM_NL__2PRFIN20021009_015721_000001212010_00117_03177_2380.N1	09-OCT-2002 01:57:21	Dark	121.00	8	10Alp CMi	0.40000	6500.0	242	3177	No
28	GOM_NL__2PRFIN20021009_020821_000000542010_00117_03177_2381.N1	09-OCT-2002 02:08:21	Dark	53.500	34	Gam2Vel	1.7930	23000.	107	3177	No
29	GOM_NL__2PRFIN20021009_021037_000001352010_00118_03178_2355.N1	09-OCT-2002 02:10:37	Dark	134.50	1	9Alp CMa	-1.4400	11000.	269	3178	No
30	GOM_NL__2PRFIN20021009_021418_000001392010_00118_03178_2356.N1	09-OCT-2002 02:14:18	Dark	139.00	47	2Bet CMa	1.9760	28000.	278	3178	No
31	GOM_NL__2PRFIN20021009_021948_000000452010_00118_03178_2357.N1	09-OCT-2002 02:19:48	Dark	44.500	135	Bet Hyi	2.8200	5800.0	89	3178	No
32	GOM_NL__2PRFIN20021009_022224_000000472010_00118_03178_2358.N1	09-OCT-2002 02:22:24	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3178	No
33	GOM_NL__2PRFIN20021009_022351_000000502010_00118_03178_2359.N1	09-OCT-2002 02:23:51	Dark	49.500	9	Alp Eri	0.45300	24000.	99	3178	No
34	GOM_NL__2PRFIN20021009_022600_000000572010_00118_03178_2360.N1	09-OCT-2002 02:26:00	Straylight	57.000	157	The1Eri	2.9060	9300.0	114	3178	No
35	GOM_NL__2PRFIN20021009_022901_000000522010_00118_03178_2361.N1	09-OCT-2002 02:29:01	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	3178	No
36	GOM_NL__2PRFIN20021009_023332_000000502010_00118_03178_2362.N1	09-OCT-2002 02:33:32	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	3178	No
37	GOM_NL__2PRFIN20021009_023544_000000562010_00118_03178_2363.N1	09-OCT-2002 02:35:44	Straylight	56.000	52	16Bet Cet	2.0370	4500.0	112	3178	No
38	GOM_NL__2PRFIN20021009_023733_000002112010_00118_03178_2364.N1	09-OCT-2002 02:37:33	Bright	210.50	165	34Gam Eri	2.9500	3200.0	421	3178	No
39	GOM_NL__2PRFIN20021009_024540_000000452010_00118_03178_2365.N1	09-OCT-2002 02:45:40	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	3178	No
40	GOM_NL__2PRFIN20021009_024925_000000452010_00118_03178_2366.N1	09-OCT-2002 02:49:25	Bright	44.500	93	53Bet Peg	2.5200	3100.0	89	3178	No
41	GOM_NL__2PRFIN20021009_025244_000000542010_00118_03178_2367.N1	09-OCT-2002 02:52:44	Bright	53.500	53	43Bet And	2.0480	3300.0	107	3178	No
42	GOM_NL__2PRFIN20021009_025504_000000612010_00118_03178_2368.N1	09-OCT-2002 02:55:04	Bright	60.500	173	4Bet Tri	3.0040	8900.0	121	3178	No

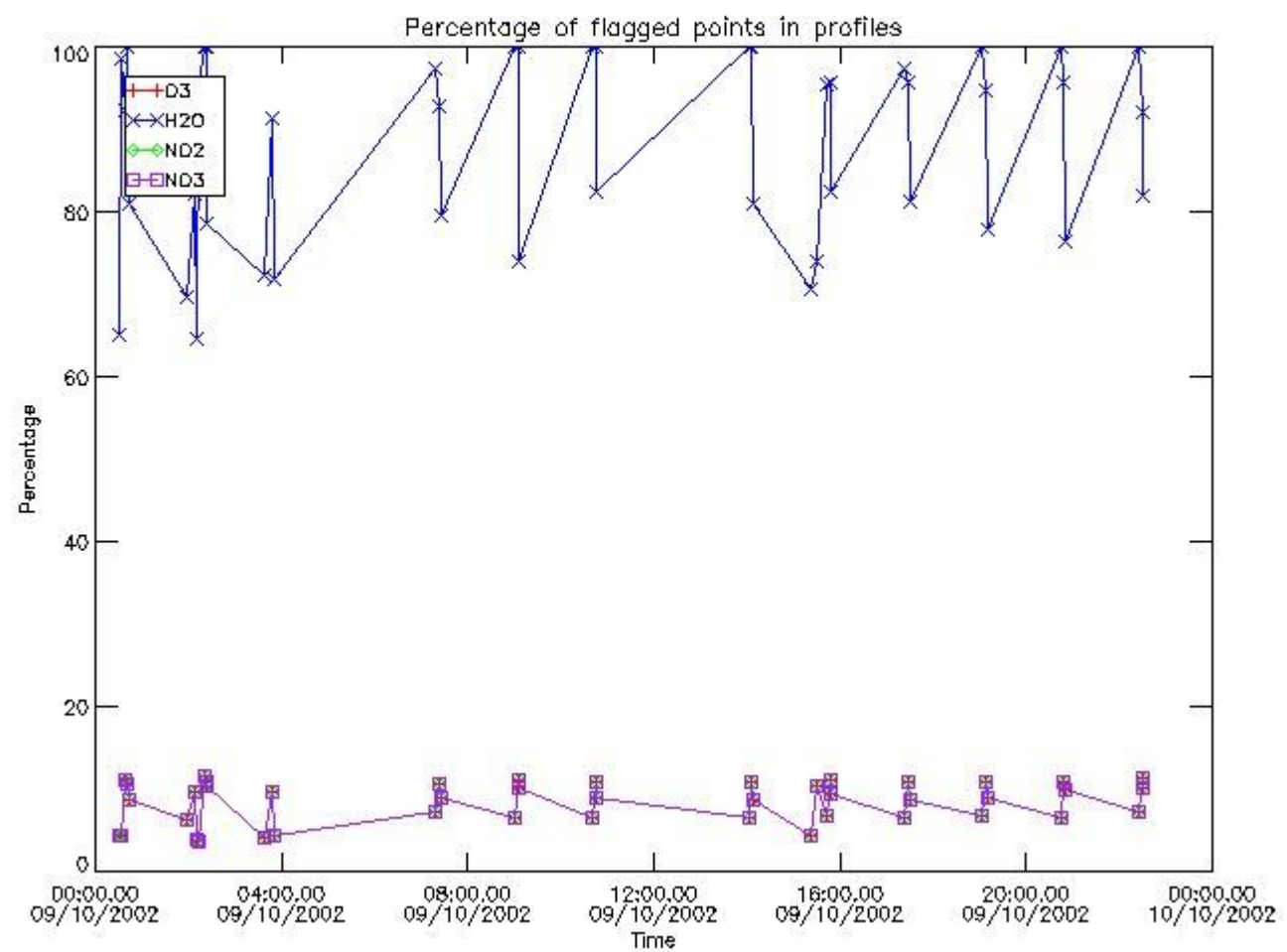
43	GOM_NL__2PRFIN20021009_030213_000000612010_00118_03178_2369.N1	09-OCT-2002 03:02:13	Dark	60.500	160	23Gam Per	2.9300	4700.0	121	3178	Yes
44	GOM_NL__2PRFIN20021009_030412_000000702010_00118_03178_2370.N1	09-OCT-2002 03:04:12	Bright	69.500	175	39Del Per	3.0100	19400.	139	3178	No
45	GOM_NL__2PRFIN20021009_030637_000000442010_00118_03178_2371.N1	09-OCT-2002 03:06:37	Bright	43.500	49	1Alp UMi	1.9900	6300.0	87	3178	No
46	GOM_NL__2PRFIN20021009_030913_000000452010_00118_03178_2372.N1	09-OCT-2002 03:09:13	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	3178	No
47	GOM_NL__2PRFIN20021009_031445_000000482010_00118_03178_2373.N1	09-OCT-2002 03:14:45	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	3178	No
48	GOM_NL__2PRFIN20021009_031618_000000432010_00118_03178_2374.N1	09-OCT-2002 03:16:18	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	3178	No
49	GOM_NL__2PRFIN20021009_031933_000000462010_00118_03178_2375.N1	09-OCT-2002 03:19:33	Bright	46.000	174	52Psi UMa	3.0040	4400.0	92	3178	No
50	GOM_NL__2PRFIN20021009_032644_000000892010_00118_03178_2376.N1	09-OCT-2002 03:26:44	Bright	88.500	17	78Bet Gem	1.1610	4500.0	177	3178	No
51	GOM_NL__2PRFIN20021009_032929_000000482010_00118_03178_2377.N1	09-OCT-2002 03:29:29	Bright	48.000	22	32Alp Leo	1.3600	15200.	96	3178	No
52	GOM_NL__2PRFIN20021009_033146_000002472010_00118_03178_2378.N1	09-OCT-2002 03:31:46	Straylight	246.50	170	27Eps Gem	3.0000	9700.0	493	3178	No
53	GOM_NL__2PRFIN20021009_033758_000001272010_00118_03178_2379.N1	09-OCT-2002 03:37:58	Dark	127.00	8	10Alp CMi	0.40000	6500.0	254	3178	No
54	GOM_NL__2PRFIN20021009_034854_000000532010_00118_03178_2380.N1	09-OCT-2002 03:48:54	Dark	53.000	34	Gam2Vel	1.7930	23000.	106	3178	No
55	GOM_NL__2PRFIN20021009_035115_000001192010_00119_03179_8968.N1	09-OCT-2002 03:51:15	Dark	119.00	1	9Alp CMa	-1.4400	11000.	238	3179	No
56	GOM_NL__2PRFIN20021009_071917_000000772010_00121_03181_8969.N1	09-OCT-2002 07:19:17	Dark	76.500	108	Alp Col	2.6520	15200.	153	3181	No
57	GOM_NL__2PRFIN20021009_072413_000000492010_00121_03181_8970.N1	09-OCT-2002 07:24:13	Dark	48.500	143	Alp Hyi	2.8570	7200.0	97	3181	No
58	GOM_NL__2PRFIN20021009_072540_000000572010_00121_03181_8971.N1	09-OCT-2002 07:25:40	Dark	56.500	9	Alp Eri	0.45300	24000.	113	3181	No
59	GOM_NL__2PRFIN20021009_072749_000000592010_00121_03181_8972.N1	09-OCT-2002 07:27:49	Straylight	58.500	157	The1Eri	2.9060	9300.0	117	3181	No
60	GOM_NL__2PRFIN20021009_073049_000000482010_00121_03181_8973.N1	09-OCT-2002 07:30:49	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	3181	No
61	GOM_NL__2PRFIN20021009_073519_000000502010_00121_03181_8974.N1	09-OCT-2002 07:35:19	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	3181	No
62	GOM_NL__2PRFIN20021009_073731_000000542010_00121_03181_8975.N1	09-OCT-2002 07:37:31	Straylight	53.500	52	16Bet Cet	2.0370	4500.0	107	3181	No
63	GOM_NL__2PRFIN20021009_085953_000000802010_00122_03182_8969.N1	09-OCT-2002 08:59:53	Dark	79.500	108	Alp Col	2.6520	15200.	159	3182	No
64	GOM_NL__2PRFIN20021009_090449_000000462010_00122_03182_8970.N1	09-OCT-2002 09:04:49	Dark	46.000	143	Alp Hyi	2.8570	7200.0	92	3182	No
65	GOM_NL__2PRFIN20021009_090616_000000512010_00122_03182_8971.N1	09-OCT-2002 09:06:16	Dark	50.500	9	Alp Eri	0.45300	24000.	101	3182	No
66	GOM_NL__2PRFIN20021009_090825_000000582010_00122_03182_8972.N1	09-OCT-2002 09:08:25	Straylight	58.000	157	The1Eri	2.9060	9300.0	116	3182	No
67	GOM_NL__2PRFIN20021009_091126_000000492010_00122_03182_8973.N1	09-OCT-2002 09:11:26	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3182	No
68	GOM_NL__2PRFIN20021009_091556_000000532010_00122_03182_8974.N1	09-OCT-2002 09:15:56	Straylight	52.500	18	24Alp PsA	1.1660	9700.0	105	3182	No
69	GOM_NL__2PRFIN20021009_091807_000000552010_00122_03182_8975.N1	09-OCT-2002 09:18:07	Straylight	55.000	52	16Bet Cet	2.0370	4500.0	110	3182	No
70	GOM_NL__2PRFIN20021009_104031_000000782010_00123_03183_8969.N1	09-OCT-2002 10:40:31	Dark	77.500	108	Alp Col	2.6520	15200.	155	3183	No
71	GOM_NL__2PRFIN20021009_104525_000000472010_00123_03183_8970.N1	09-OCT-2002 10:45:25	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3183	No
72	GOM_NL__2PRFIN20021009_104652_000000572010_00123_03183_8971.N1	09-OCT-2002 10:46:52	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3183	No
73	GOM_NL__2PRFIN20021009_104902_000000582010_00123_03183_8972.N1	09-OCT-2002 10:49:02	Straylight	57.500	157	The1Eri	2.9060	9300.0	115	3183	No
74	GOM_NL__2PRFIN20021009_105202_000000502010_00123_03183_8973.N1	09-OCT-2002 10:52:02	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3183	No
75	GOM_NL__2PRFIN20021009_105632_000000512010_00123_03183_8974.N1	09-OCT-2002 10:56:32	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	3183	No
76	GOM_NL__2PRFIN20021009_105844_000000562010_00123_03183_8975.N1	09-OCT-2002 10:58:44	Straylight	55.500	52	16Bet Cet	2.0370	4500.0	111	3183	No
77	GOM_NL__2PRFIN20021009_140146_000000782010_00125_03185_2351.N1	09-OCT-2002 14:01:46	Dark	77.500	108	Alp Col	2.6520	15200.	155	3185	No
78	GOM_NL__2PRFIN20021009_140638_000000472010_00125_03185_2352.N1	09-OCT-2002 14:06:38	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3185	No
79	GOM_NL__2PRFIN20021009_140805_000000582010_00125_03185_2353.N1	09-OCT-2002 14:08:05	Dark	58.000	9	Alp Eri	0.45300	24000.	116	3185	No
80	GOM_NL__2PRFIN20021009_141016_000000562010_00125_03185_2354.N1	09-OCT-2002 14:10:16	Straylight	56.000	157	The1Eri	2.9060	9300.0	112	3185	No
81	GOM_NL__2PRFIN20021009_141315_000000492010_00125_03185_2355.N1	09-OCT-2002 14:13:15	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3185	No
82	GOM_NL__2PRFIN20021009_141744_000000532010_00125_03185_2356.N1	09-OCT-2002 14:17:44	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	3185	No
83	GOM_NL__2PRFIN20021009_141956_000000542010_00125_03185_2357.N1	09-OCT-2002 14:19:56	Straylight	53.500	52	16Bet Cet	2.0370	4500.0	107	3185	No
84	GOM_NL__2PRFIN20021009_142952_000000452010_00125_03185_2358.N1	09-OCT-2002 14:29:52	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	3185	No
85	GOM_NL__2PRFIN20021009_143337_000000452010_00125_03185_2359.N1	09-OCT-2002 14:33:37	Bright	45.000	93	53Bet Peg	2.5200	3100.0	90	3185	No
86	GOM_NL__2PRFIN20021009_143651_000000522010_00125_03185_2360.N1	09-OCT-2002 14:36:51	Bright	52.000	53	43Bet And	2.0480	3300.0	104	3185	No
87	GOM_NL__2PRFIN20021009_143909_000000592010_00125_03185_2361.N1	09-OCT-2002 14:39:09	Bright	59.000	173	4Bet Tri	3.0040	8900.0	118	3185	No
88	GOM_NL__2PRFIN20021009_144206_000000522010_00125_03185_2362.N1	09-OCT-2002 14:42:06	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	3185	No
89	GOM_NL__2PRFIN20021009_144332_000000492010_00125_03185_2363.N1	09-OCT-2002 14:43:32	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	3185	No
90	GOM_NL__2PRFIN20021009_144616_000000612010_00125_03185_2364.N1	09-OCT-2002 14:46:16	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	3185	No
91	GOM_NL__2PRFIN20021009_144815_000000702010_00125_03185_2365.N1	09-OCT-2002 14:48:15	Bright	69.500	175	39Del Per	3.0100	19400.	139	3185	No
92	GOM_NL__2PRFIN20021009_145046_000000452010_00125_03185_2366.N1	09-OCT-2002 14:50:46	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3185	No
93	GOM_NL__2PRFIN20021009_145326_000000412010_00125_03185_2367.N1	09-OCT-2002 14:53:26	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	3185	No
94	GOM_NL__2PRFIN20021009_145625_000000982010_00125_03185_2368.N1	09-OCT-2002 14:56:25	Bright	97.500	6	13Alp Aur	0.080000	3400.0	195	3185	No
95	GOM_NL__2PRFIN20021009_145930_000000432010_00125_03185_2369.N1	09-OCT-2002 14:59:30	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	3185	No
96	GOM_NL__2PRFIN20021009_150052_000000432010_00125_03185_2370.N1	09-OCT-2002 15:00:52	Bright	42.500	87	64Gam UMa	2.4330	11000.	85	3185	No
97	GOM_NL__2PRFIN20021009_150348_000000432010_00125_03185_2371.N1	09-OCT-2002 15:03:48	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	3185	No
98	GOM_NL__2PRFIN20021009_151057_000000932010_00125_03185_2372.N1	09-OCT-2002 15:10:57	Bright	92.500	17	78Bet Gem	1.1610	4500.0	185	3185	No
99	GOM_NL__2PRFIN20021009_151341_000000612010_00125_03185_2373.N1	09-OCT-2002 15:13:41	Bright	61.000	22	32Alp Leo	1.3600	15200.	122	3185	No
100	GOM_NL__2PRFIN20021009_152036_000000652010_00125_03185_2374.N1	09-OCT-2002 15:20:36	Twilight	64.500	48	30Alp Hya	1.9770	4100.0	129	3185	No
101	GOM_NL__2PRFIN20021009_152222_000001172010_00125_03185_2375.N1	09-OCT-2002 15:22:22	Dark	116.50	8	10Alp CMi	0.40000	6500.0	233	3185	No

102	GOM_NL__2PRFIN20021009_153018_000000542010_00125_03185_2376.N1	09-OCT-2002 15:30:18	Dark	54.000	65	Lam Vel	2.2040	4400.0	108	3185	No
103	GOM_NL__2PRFIN20021009_154223_000000762010_00126_03186_8876.N1	09-OCT-2002 15:42:23	Dark	76.000	108	Alp Col	2.6520	15200.	152	3186	No
104	GOM_NL__2PRFIN20021009_154714_000000462010_00126_03186_8877.N1	09-OCT-2002 15:47:14	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3186	No
105	GOM_NL__2PRFIN20021009_154841_000000552010_00126_03186_8878.N1	09-OCT-2002 15:48:41	Dark	54.500	9	Alp Eri	0.45300	24000.	109	3186	No
106	GOM_NL__2PRFIN20021009_155051_000000572010_00126_03186_8879.N1	09-OCT-2002 15:50:51	Straylight	57.000	157	The1Eri	2.9060	9300.0	114	3186	No
107	GOM_NL__2PRFIN20021009_155351_000000502010_00126_03186_8880.N1	09-OCT-2002 15:53:51	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3186	No
108	GOM_NL__2PRFIN20021009_155820_000000522010_00126_03186_8881.N1	09-OCT-2002 15:58:20	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	3186	No
109	GOM_NL__2PRFIN20021009_172301_000000782010_00127_03187_8876.N1	09-OCT-2002 17:23:01	Dark	78.000	108	Alp Col	2.6520	15200.	156	3187	No
110	GOM_NL__2PRFIN20021009_172750_000000472010_00127_03187_8877.N1	09-OCT-2002 17:27:50	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3187	No
111	GOM_NL__2PRFIN20021009_172918_000000592010_00127_03187_8878.N1	09-OCT-2002 17:29:18	Dark	59.000	9	Alp Eri	0.45300	24000.	118	3187	No
112	GOM_NL__2PRFIN20021009_173128_000000592010_00127_03187_8879.N1	09-OCT-2002 17:31:28	Straylight	58.500	157	The1Eri	2.9060	9300.0	117	3187	No
113	GOM_NL__2PRFIN20021009_173427_000000492010_00127_03187_8880.N1	09-OCT-2002 17:34:27	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	3187	No
114	GOM_NL__2PRFIN20021009_190338_000000762010_00128_03188_8876.N1	09-OCT-2002 19:03:38	Dark	75.500	108	Alp Col	2.6520	15200.	151	3188	No
115	GOM_NL__2PRFIN20021009_190827_000000472010_00128_03188_8877.N1	09-OCT-2002 19:08:27	Dark	47.000	143	Alp Hyi	2.8570	7200.0	94	3188	No
116	GOM_NL__2PRFIN20021009_190954_000000572010_00128_03188_8878.N1	09-OCT-2002 19:09:54	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3188	No
117	GOM_NL__2PRFIN20021009_191205_000000562010_00128_03188_8879.N1	09-OCT-2002 19:12:05	Straylight	56.000	157	The1Eri	2.9060	9300.0	112	3188	No
118	GOM_NL__2PRFIN20021009_204416_000000782010_00129_03189_8876.N1	09-OCT-2002 20:44:16	Dark	77.500	108	Alp Col	2.6520	15200.	155	3189	No
119	GOM_NL__2PRFIN20021009_204903_000000472010_00129_03189_8877.N1	09-OCT-2002 20:49:03	Dark	46.500	143	Alp Hyi	2.8570	7200.0	93	3189	No
120	GOM_NL__2PRFIN20021009_205030_000000522010_00129_03189_8878.N1	09-OCT-2002 20:50:30	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3189	No
121	GOM_NL__2PRFIN20021009_205242_000000592010_00129_03189_8879.N1	09-OCT-2002 20:52:42	Straylight	59.000	157	The1Eri	2.9060	9300.0	118	3189	No
122	GOM_NL__2PRFIN20021009_205539_000000512010_00129_03189_8880.N1	09-OCT-2002 20:55:39	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	3189	No
123	GOM_NL__2PRFIN20021009_222454_000000772010_00130_03190_8876.N1	09-OCT-2002 22:24:54	Dark	76.500	108	Alp Col	2.6520	15200.	153	3190	No
124	GOM_NL__2PRFIN20021009_222939_000000452010_00130_03190_8877.N1	09-OCT-2002 22:29:39	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3190	No
125	GOM_NL__2PRFIN20021009_223107_000000502010_00130_03190_8878.N1	09-OCT-2002 22:31:07	Dark	50.000	9	Alp Eri	0.45300	24000.	100	3190	No
126	GOM_NL__2PRFIN20021009_223318_000000562010_00130_03190_8879.N1	09-OCT-2002 22:33:18	Straylight	55.500	157	The1Eri	2.9060	9300.0	111	3190	No

3. Quality information per product

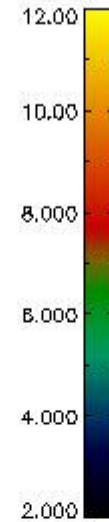
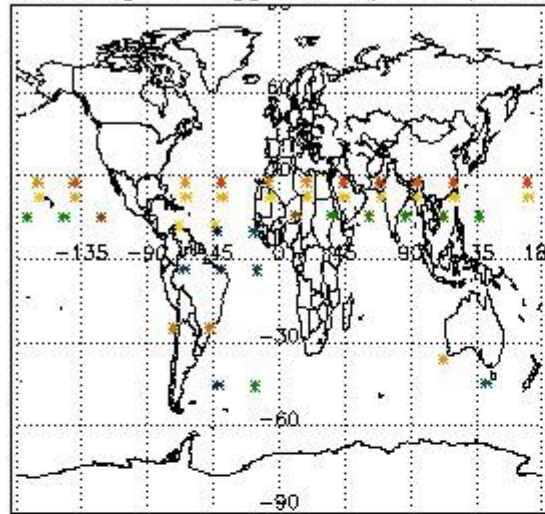
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

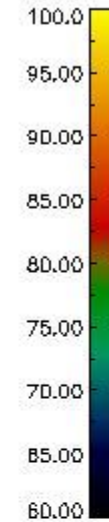
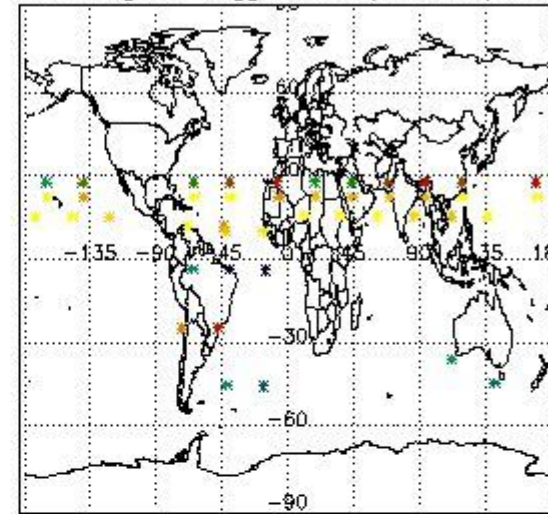


3.2 Plot quality information per product (world map)

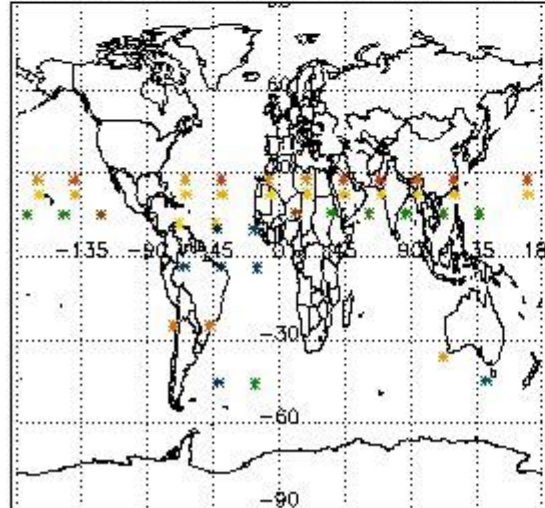
Percentage of flagged data per O3 profile



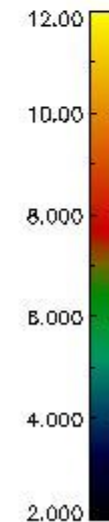
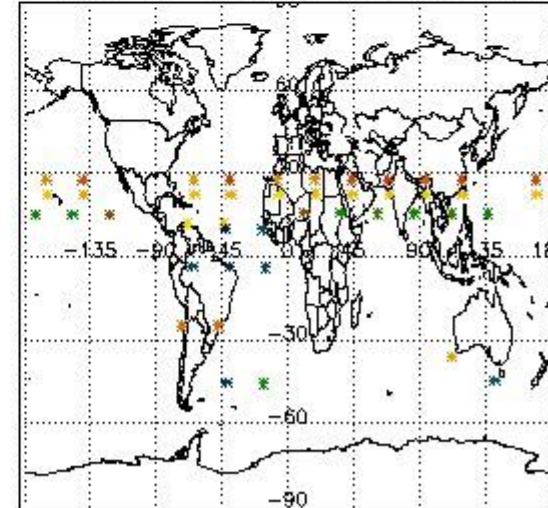
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

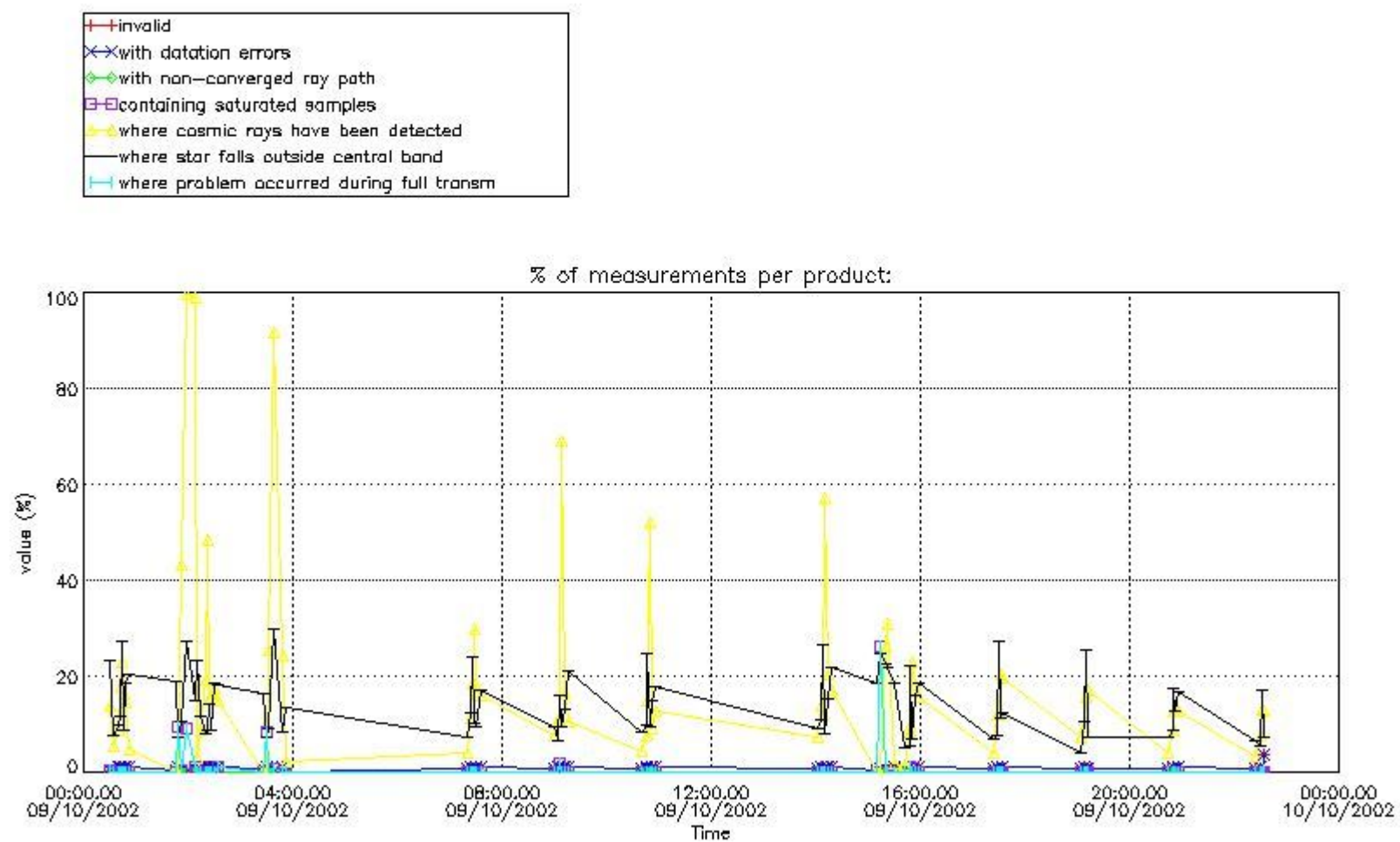


4. Level 1 quality information per product

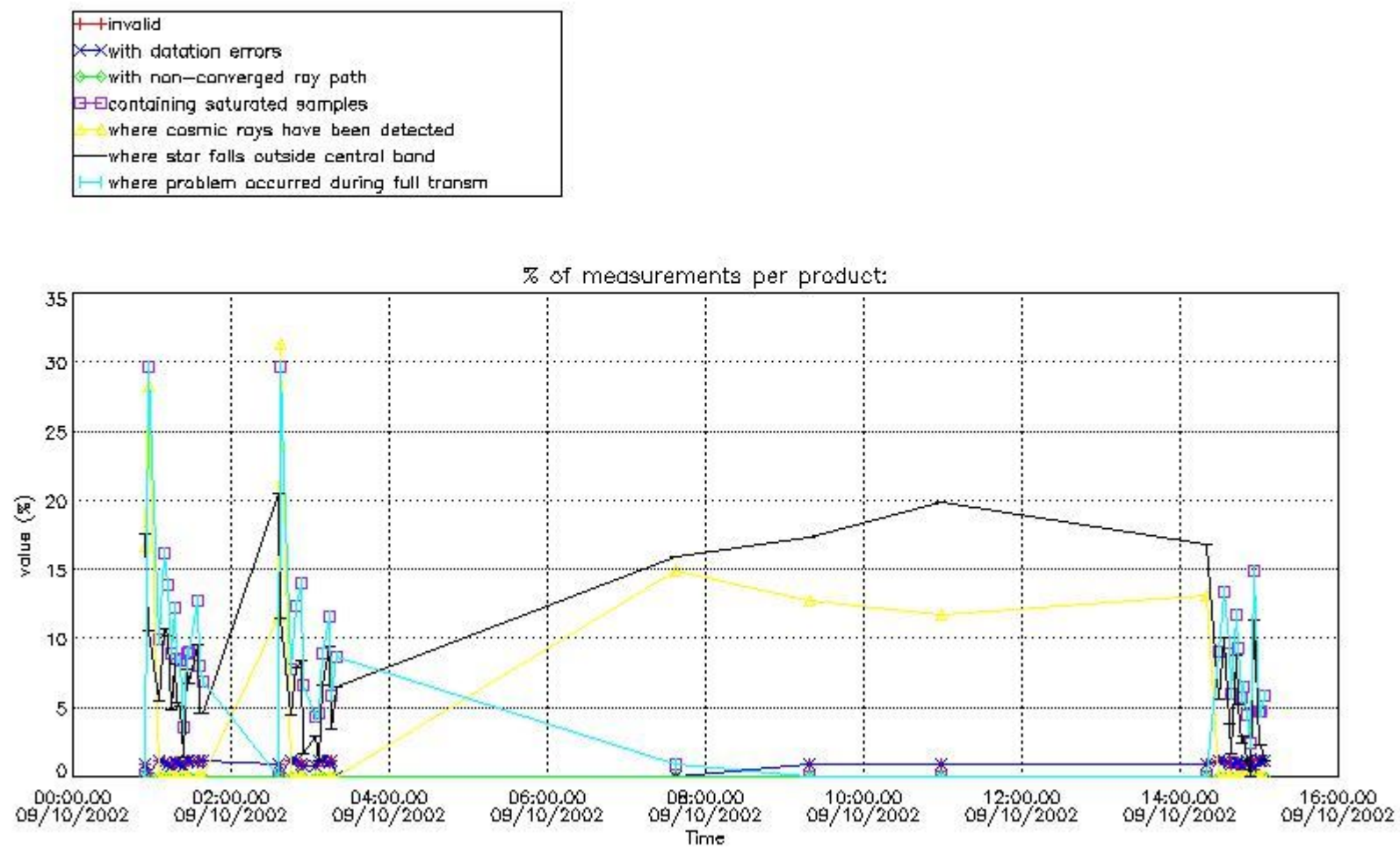
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



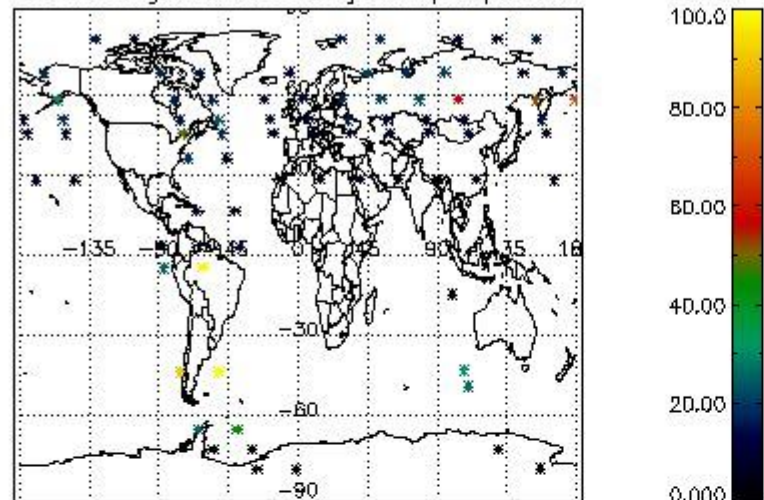
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



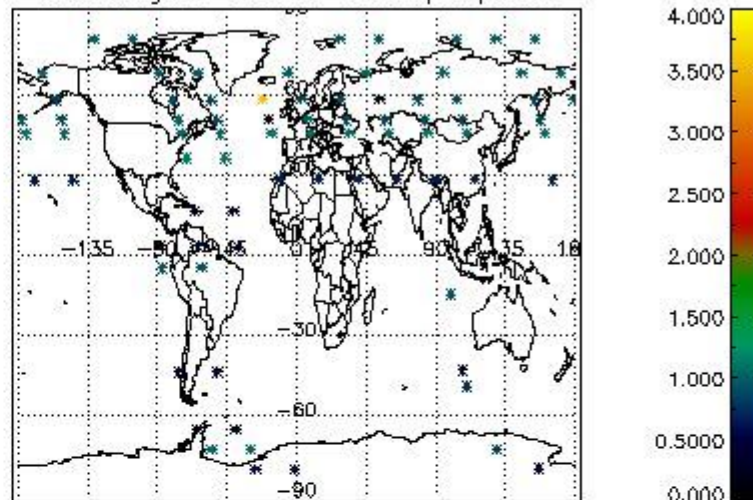
4.2 Plot quality information per product coming from level 1b processing (world map)

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

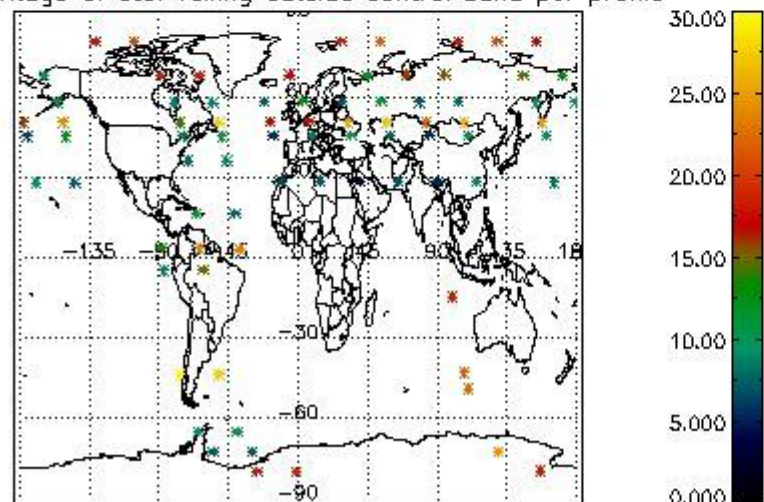
Percentage of cosmic ray hits per profile



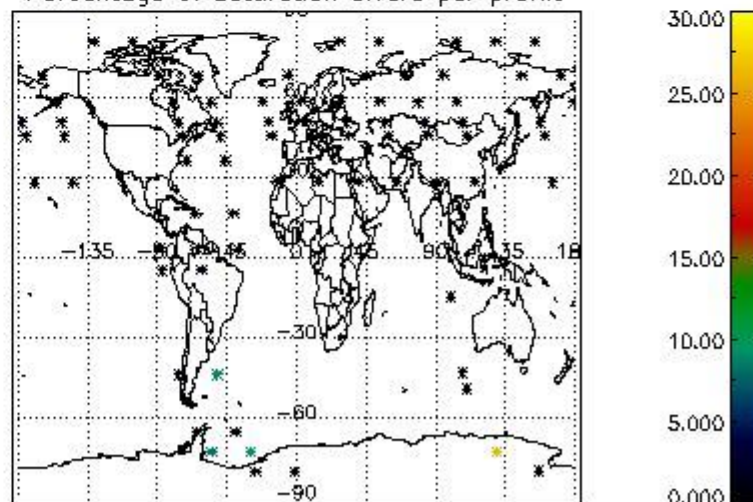
Percentage of datation errors per profile



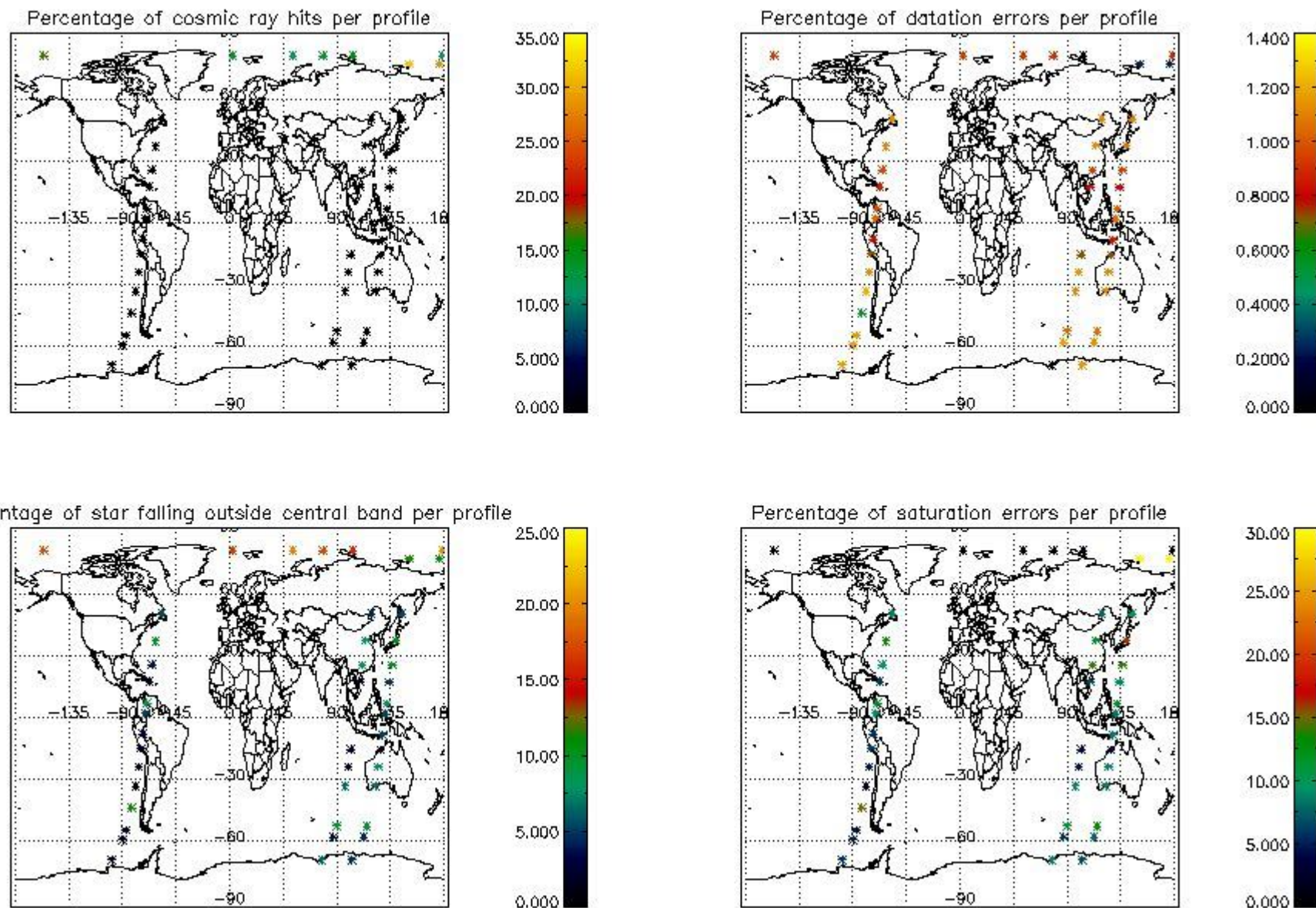
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

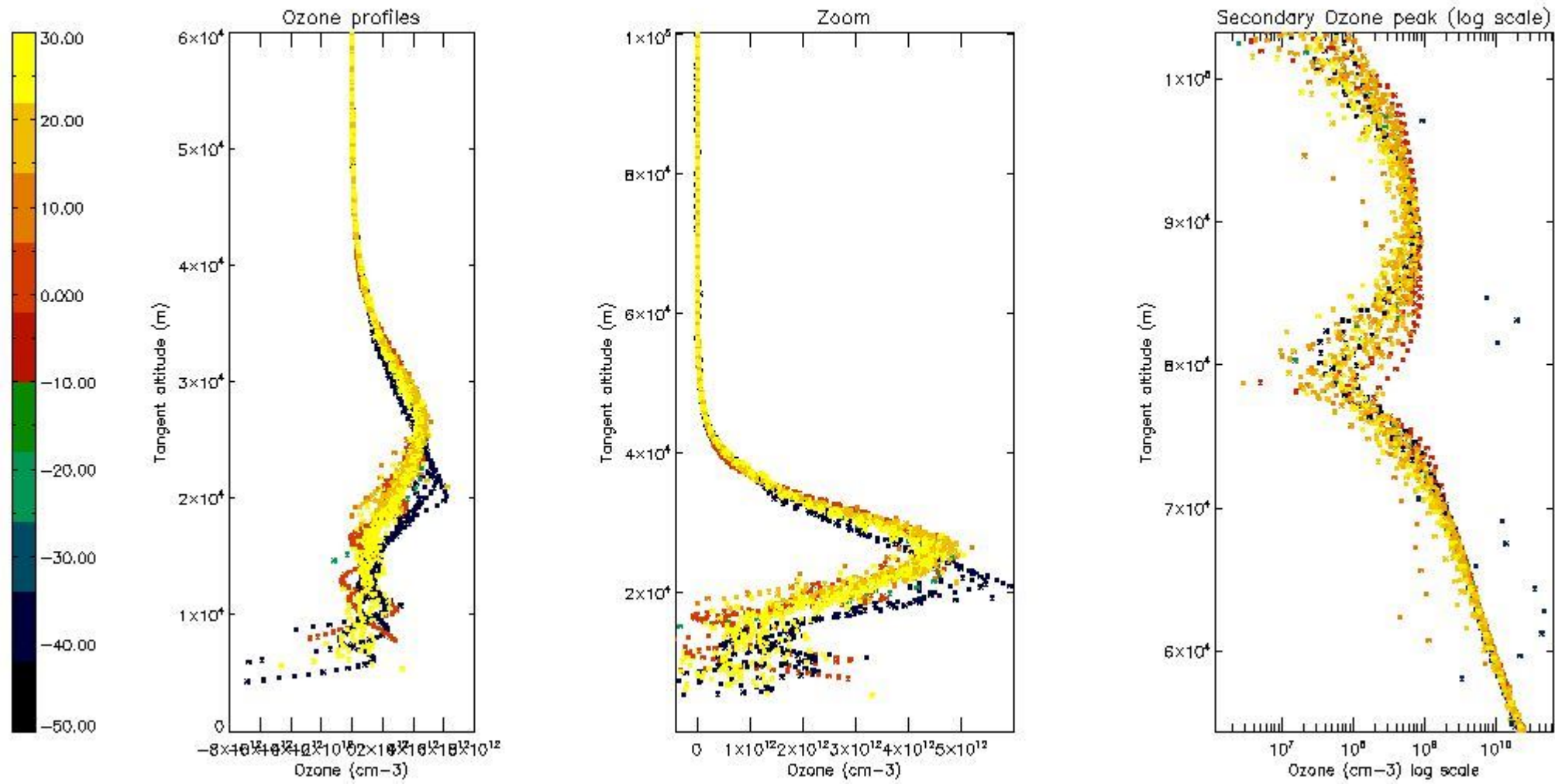
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	23

STD < 10	21
STD < 5	16

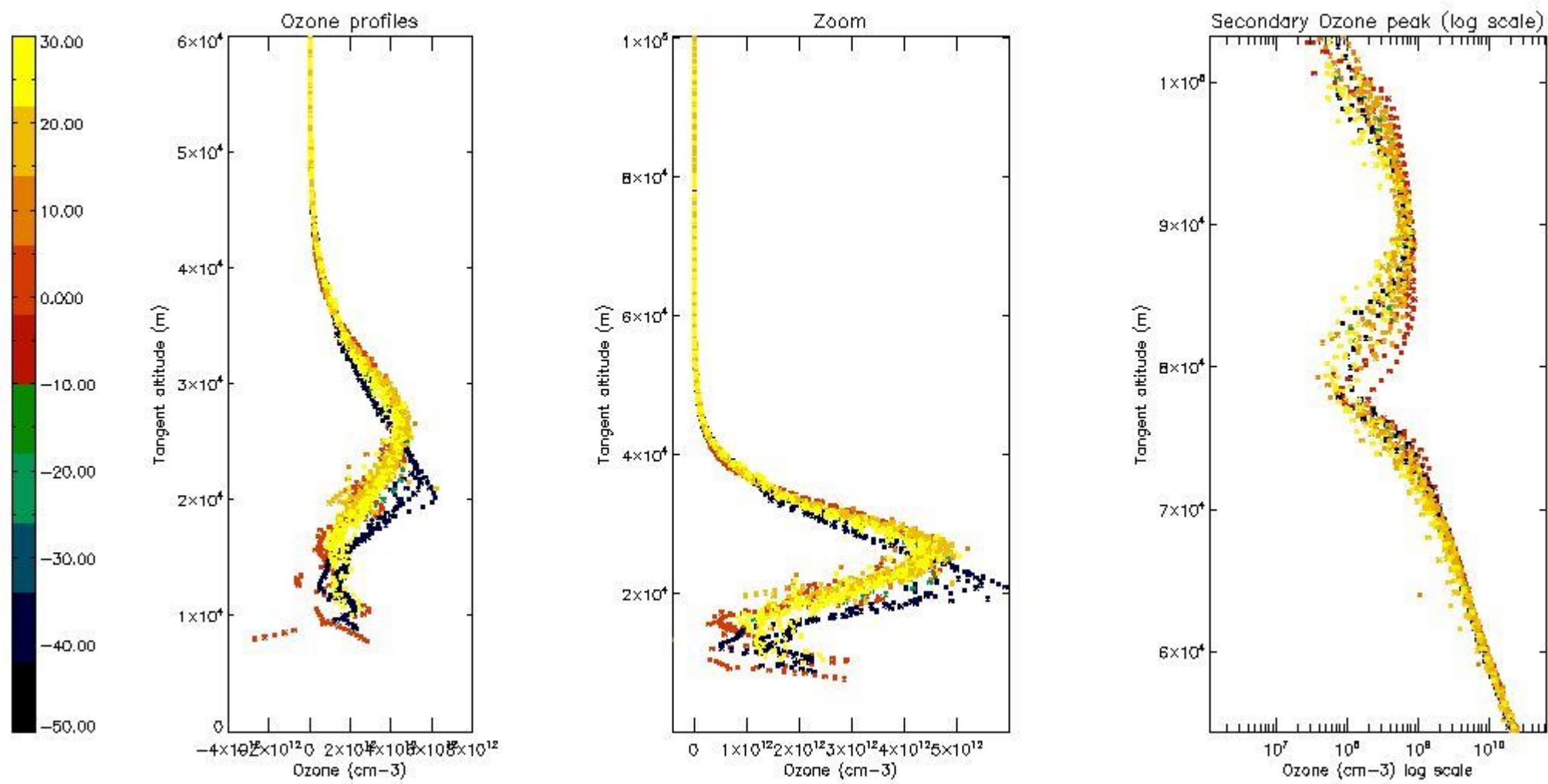
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



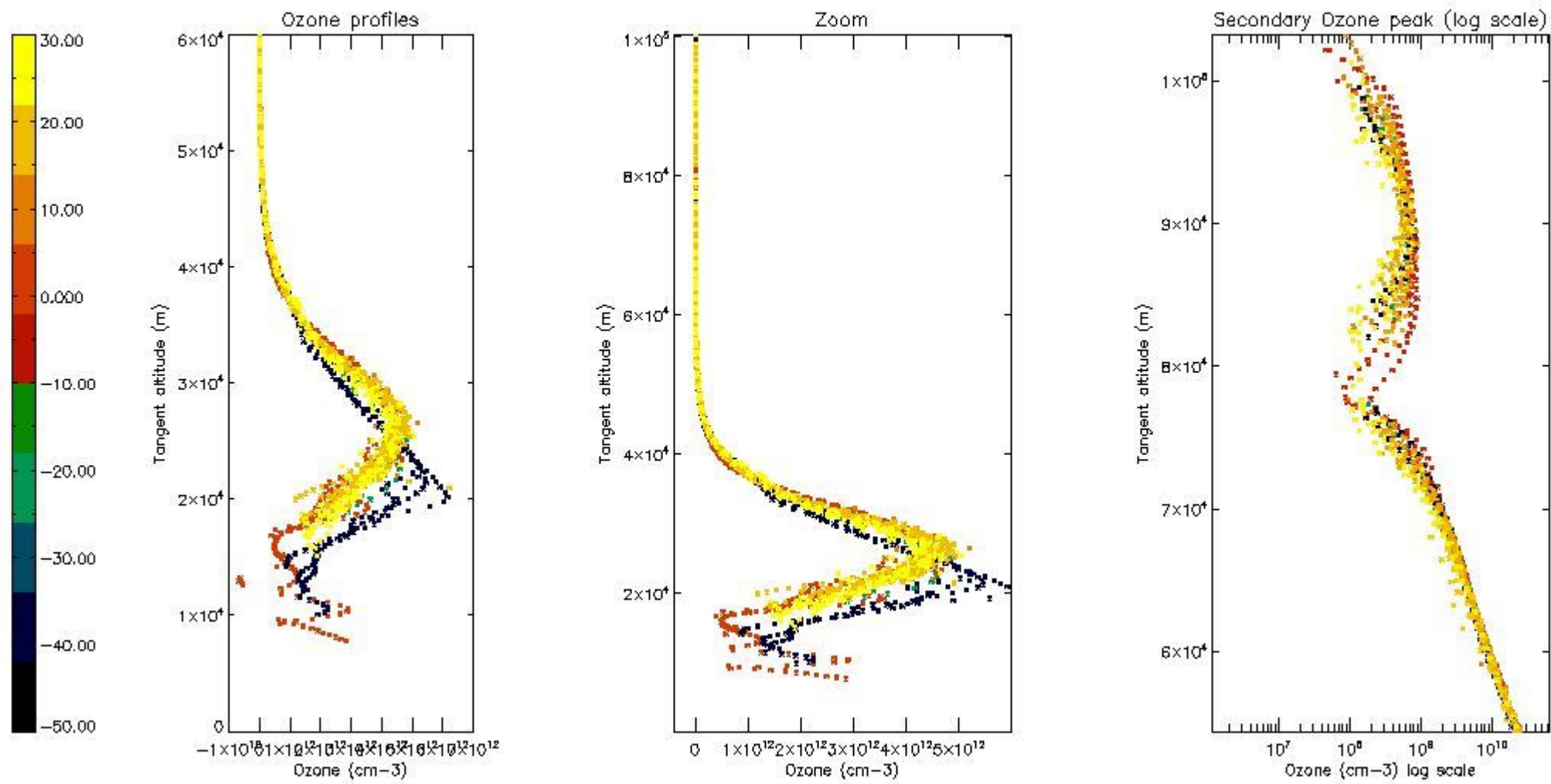
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



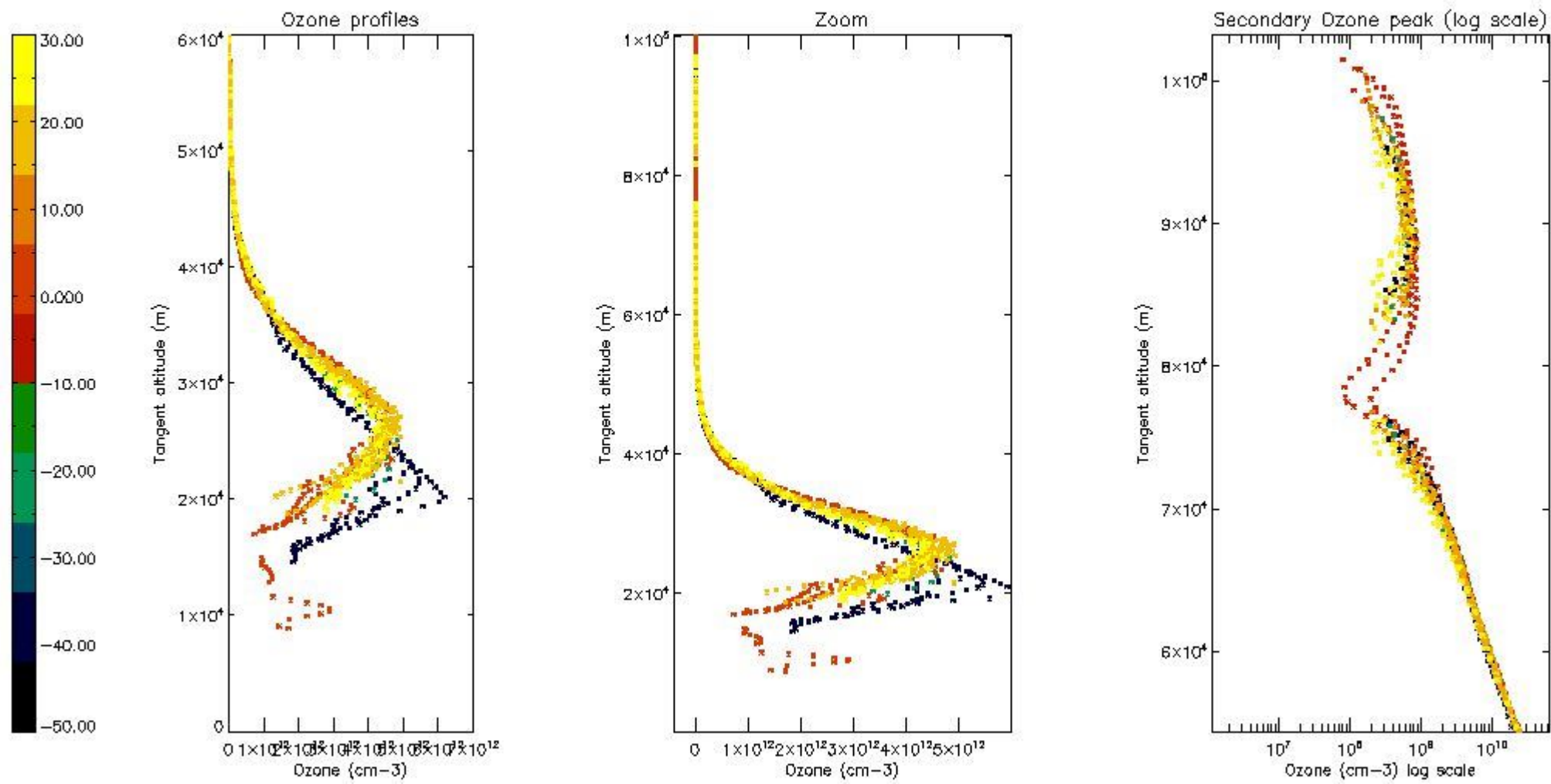
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



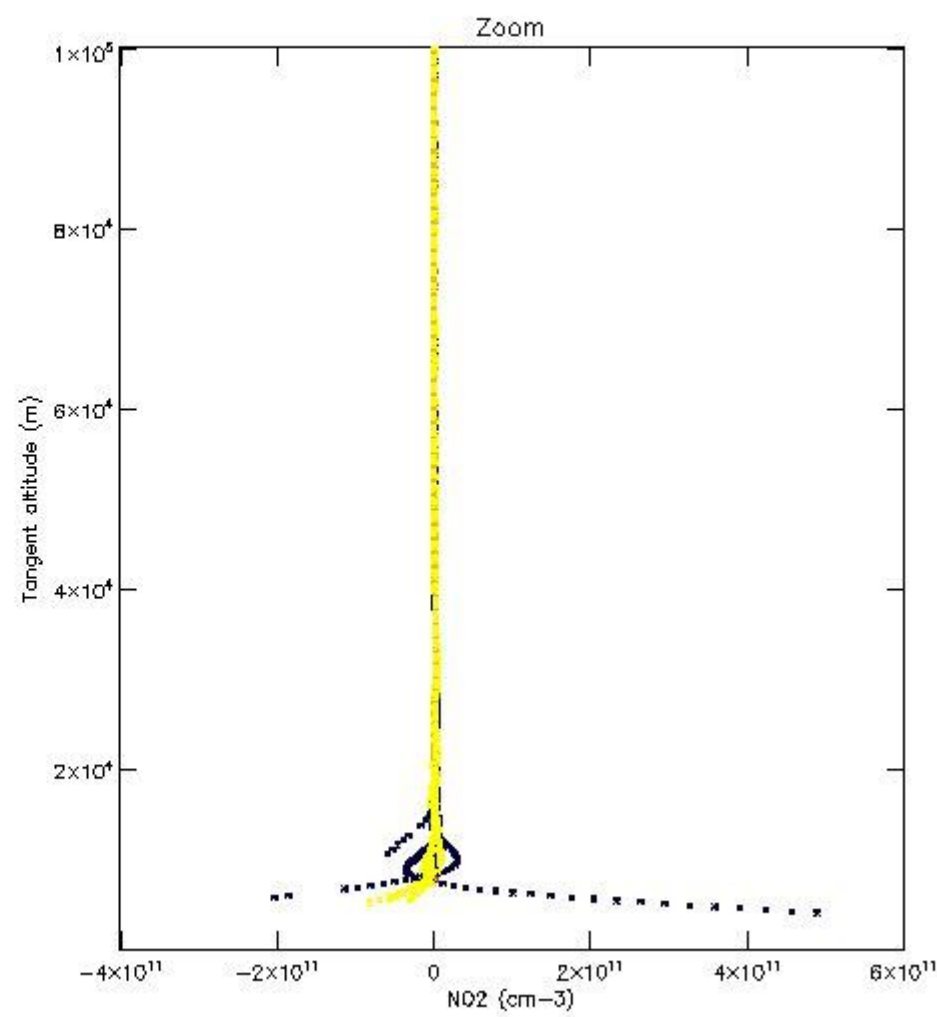
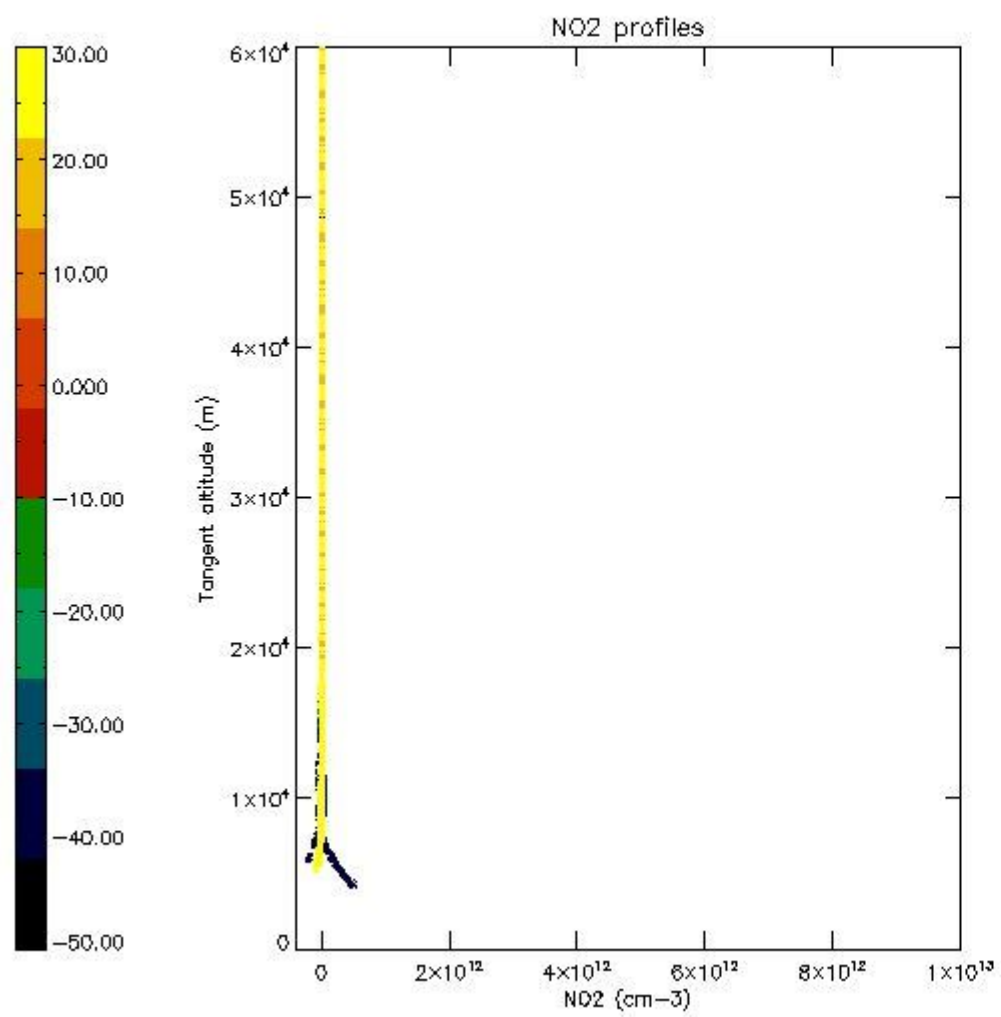
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



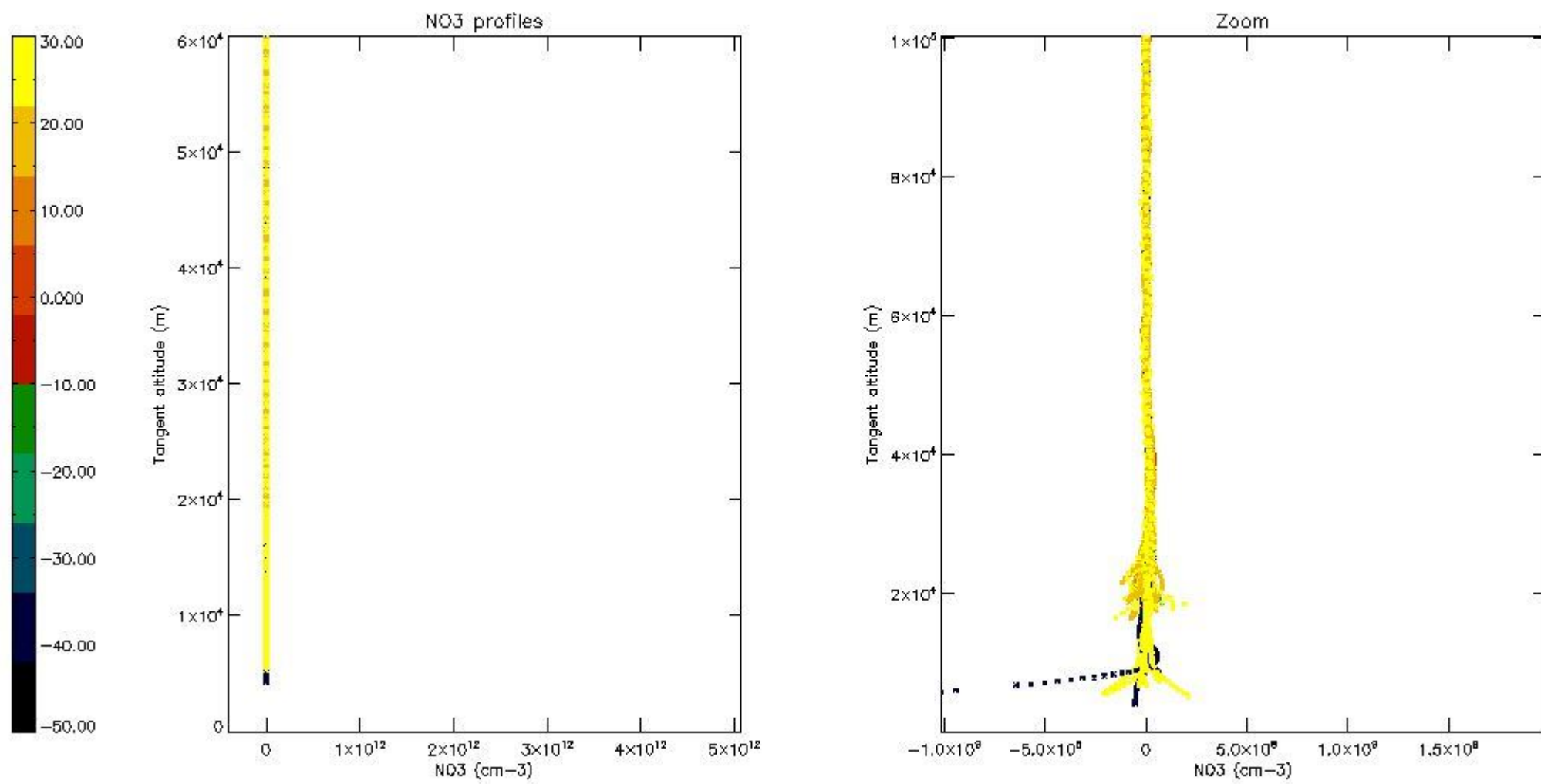
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



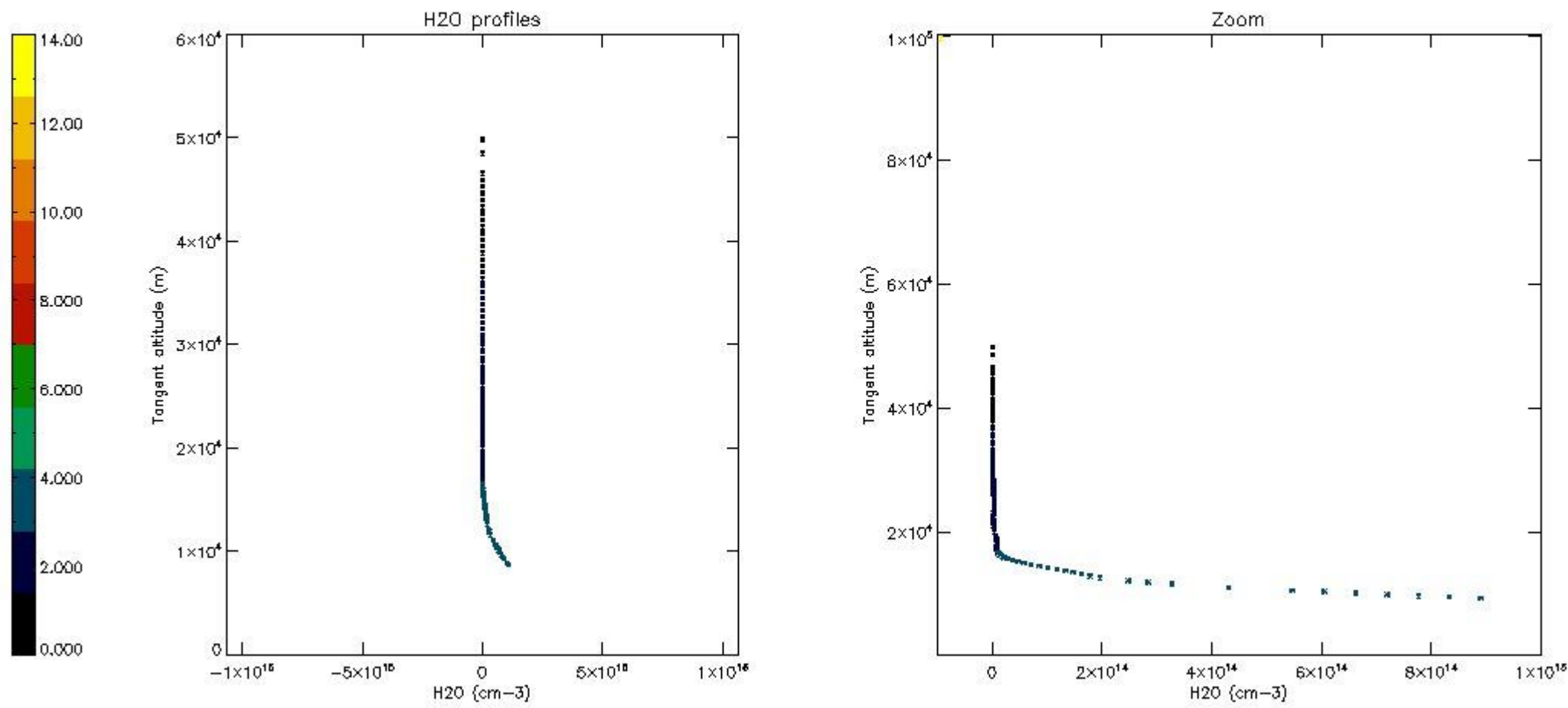
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

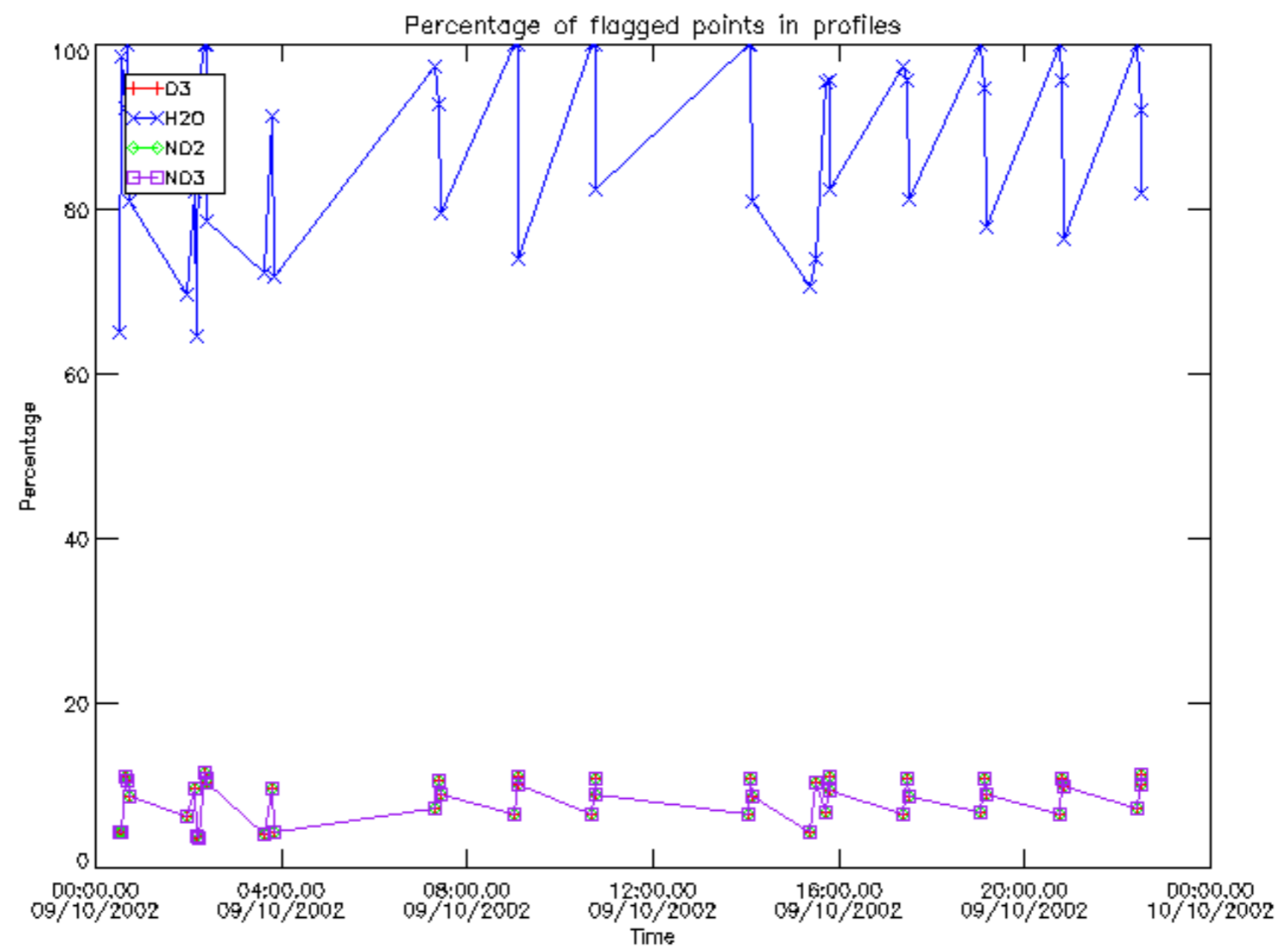
The colorbar represents the latitude.



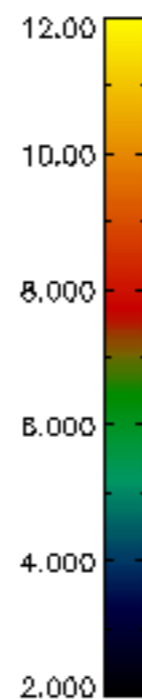
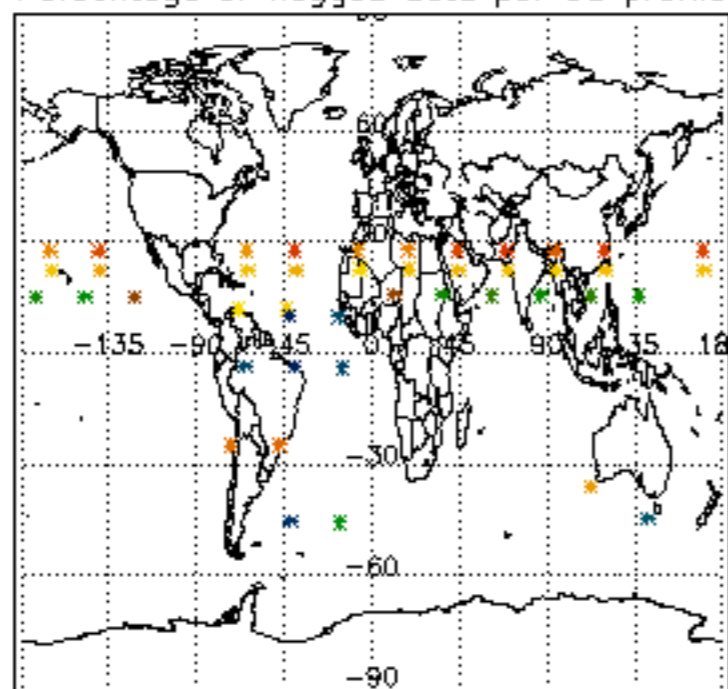
6. Auxiliary Data Files used for the production reported in section 2

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.

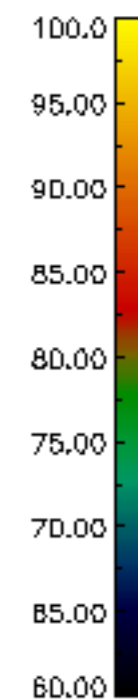
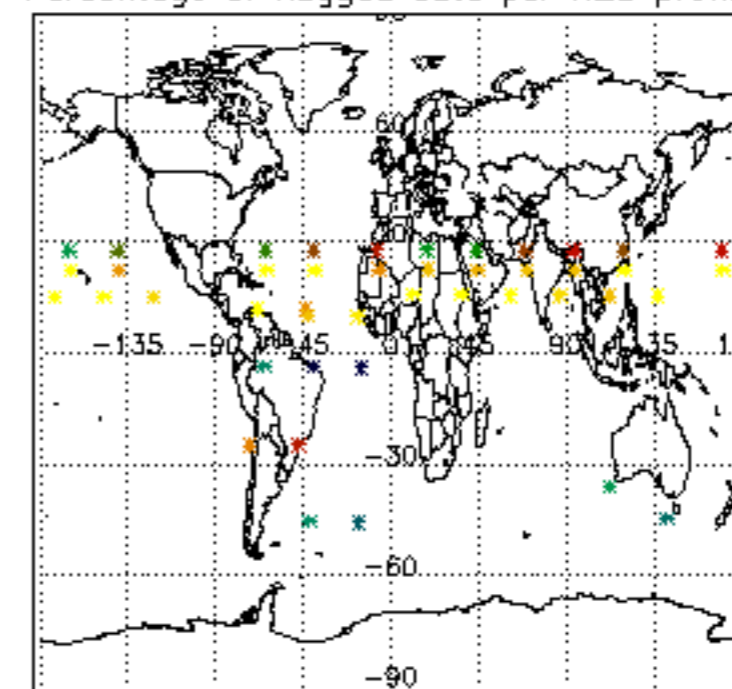
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	09-OCT-2002 00:29:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-OCT-2002 00:29:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-OCT-2002 00:29:58



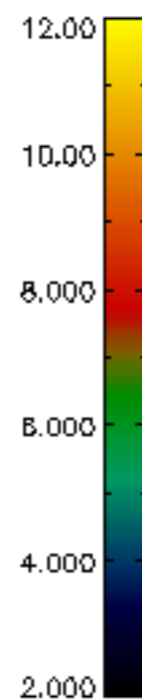
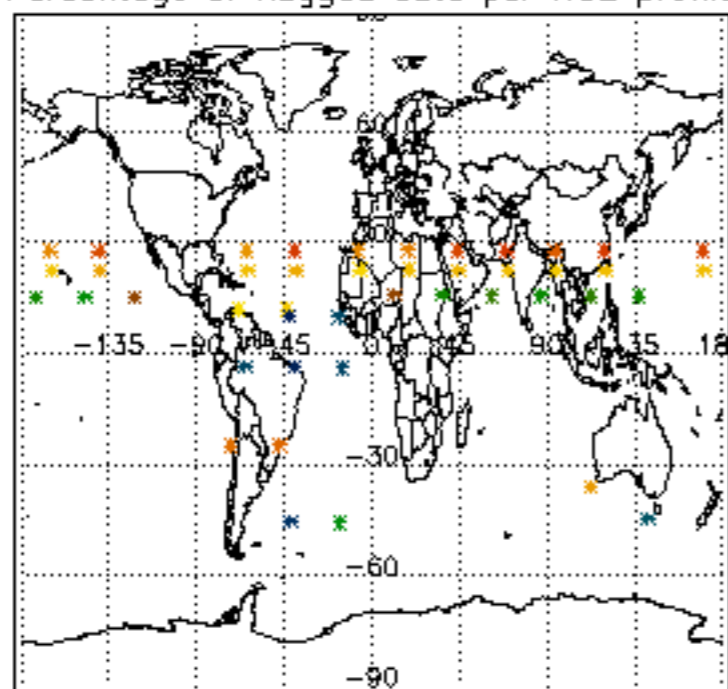
Percentage of flagged data per D3 profile



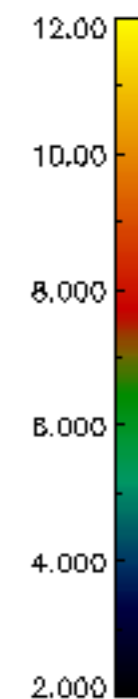
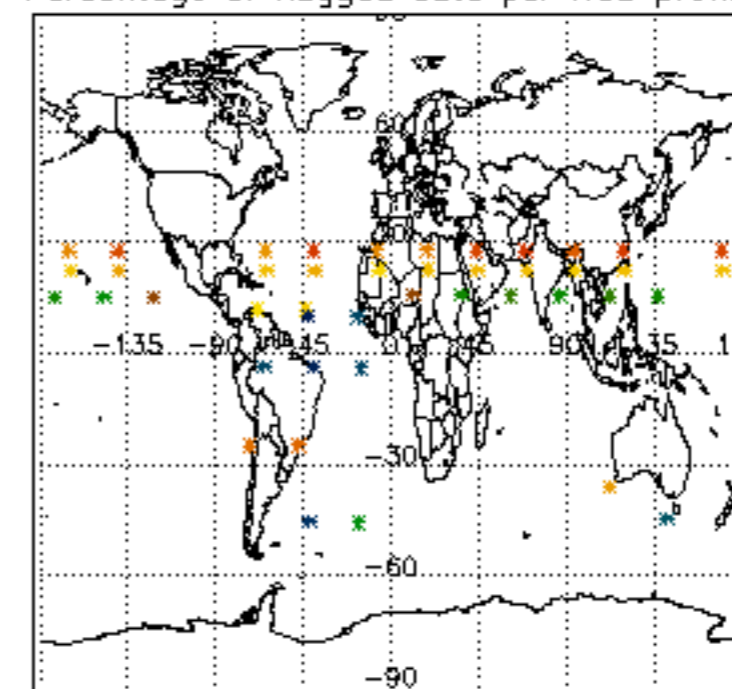
Percentage of flagged data per H2O profile

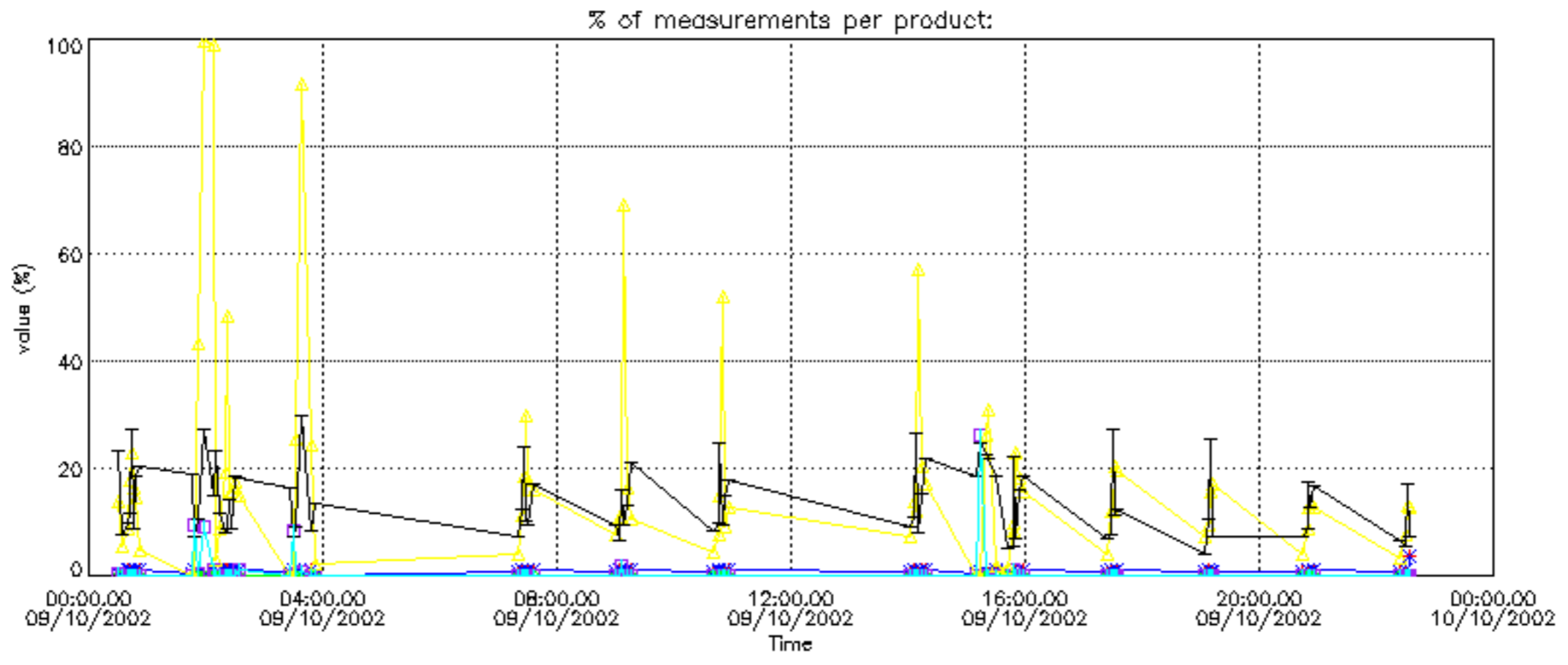
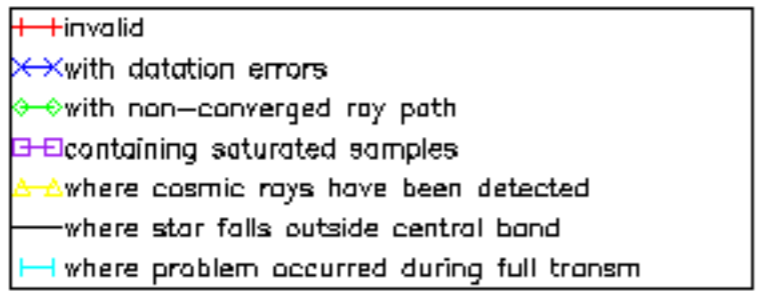


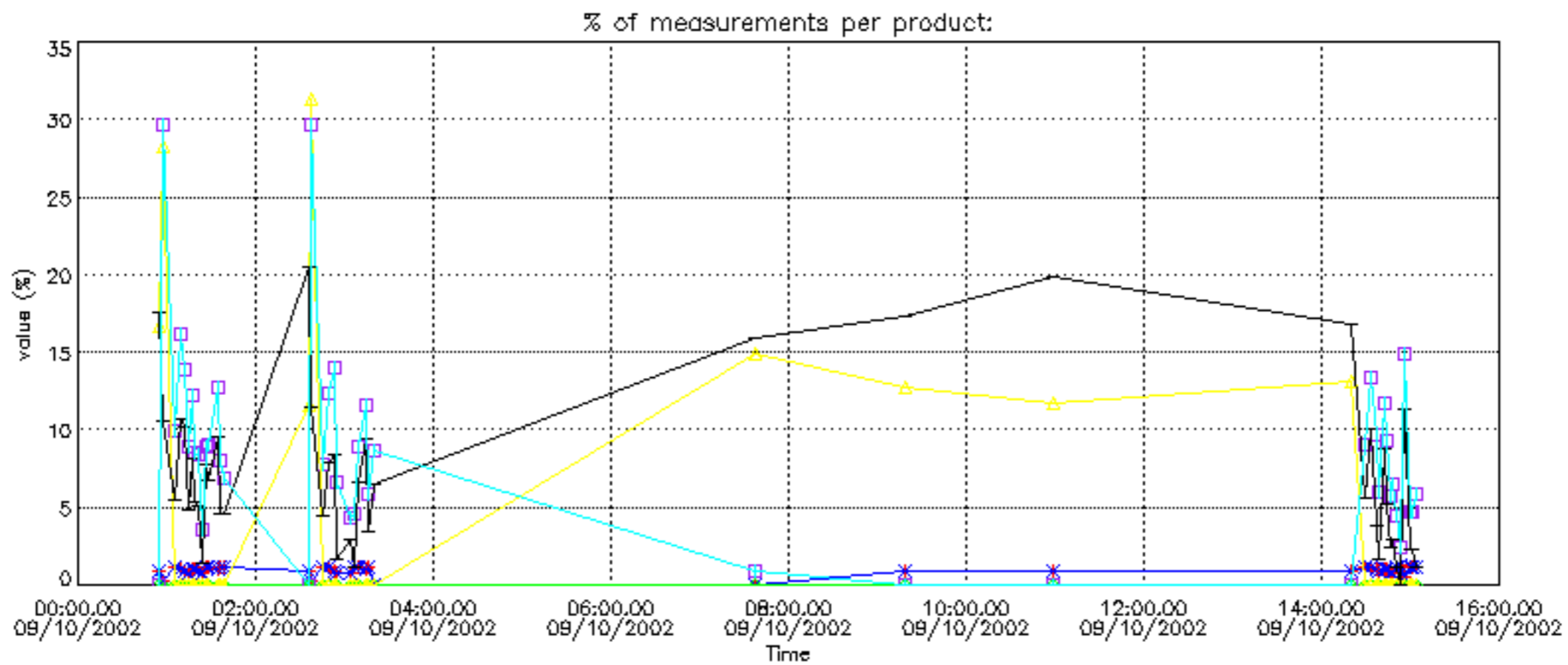
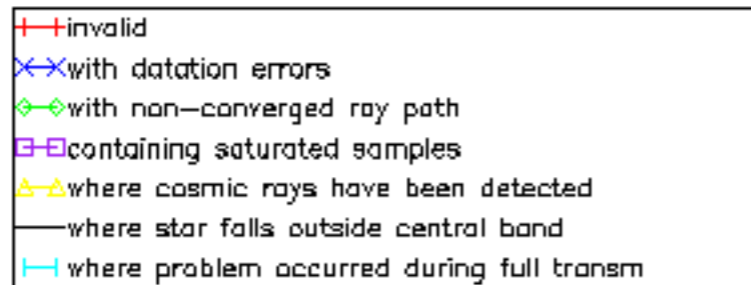
Percentage of flagged data per NO2 profile



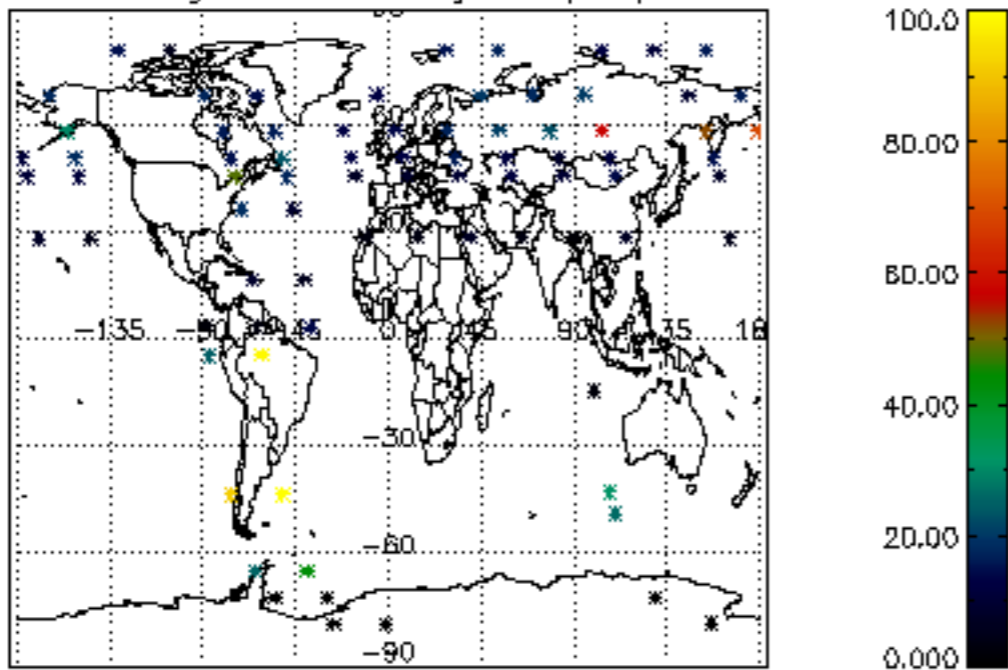
Percentage of flagged data per NO3 profile



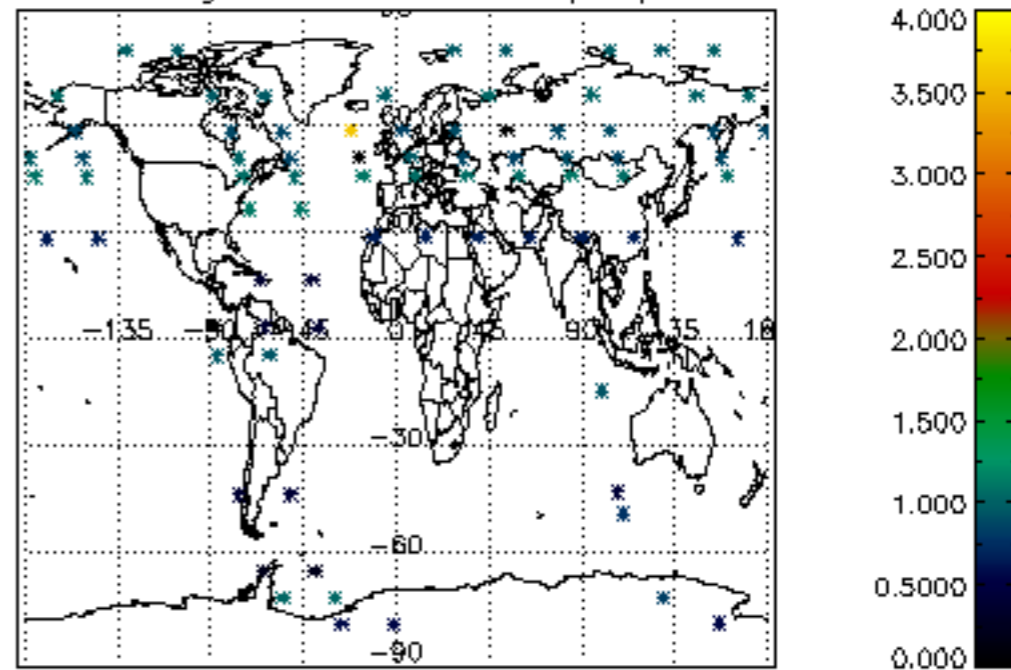




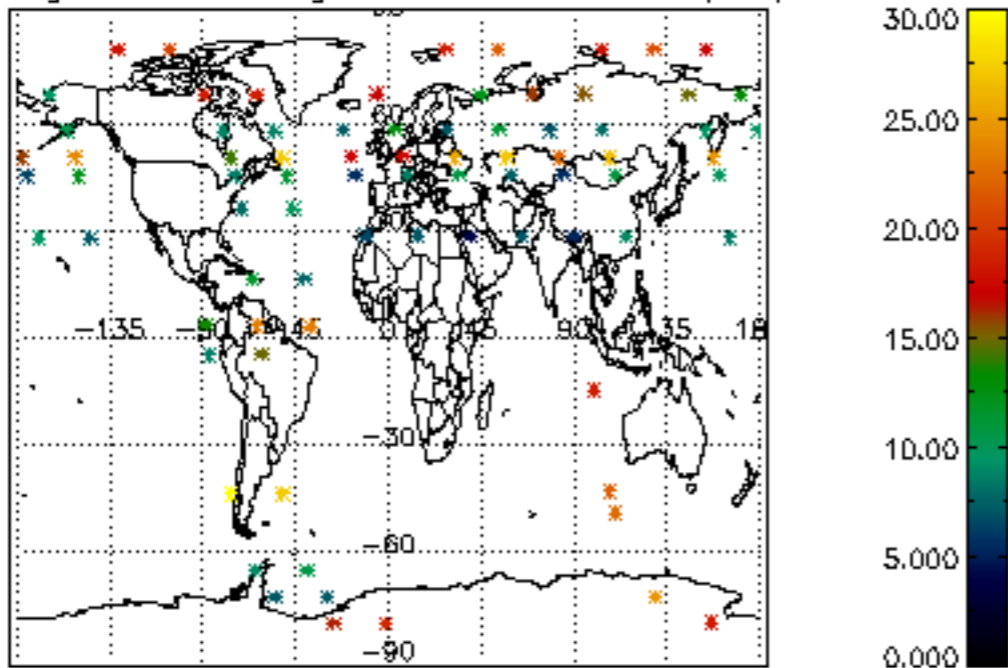
Percentage of cosmic ray hits per profile



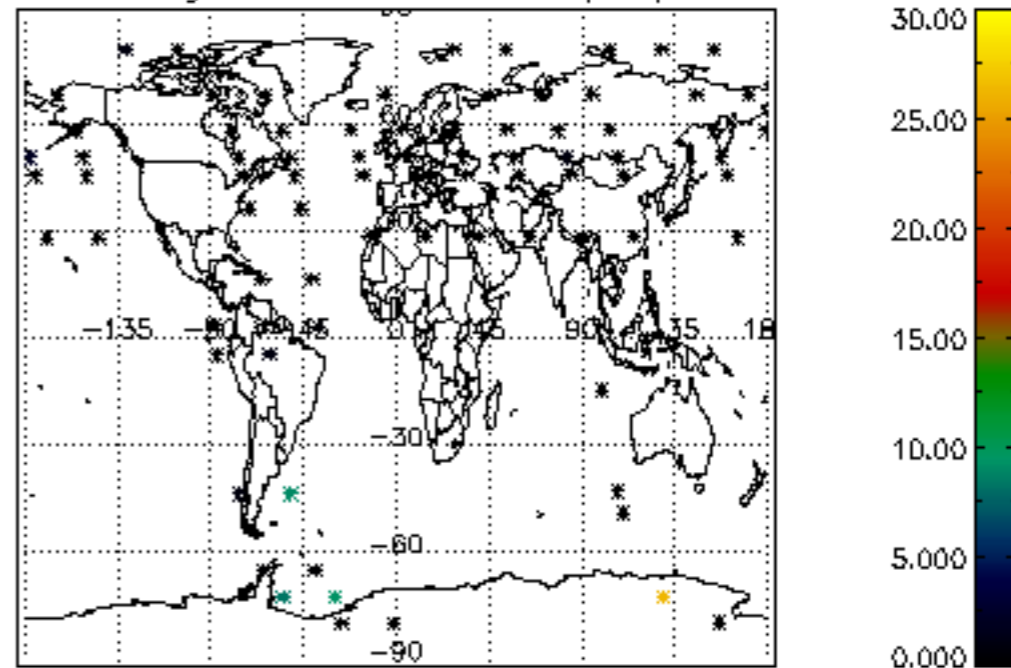
Percentage of datation errors per profile



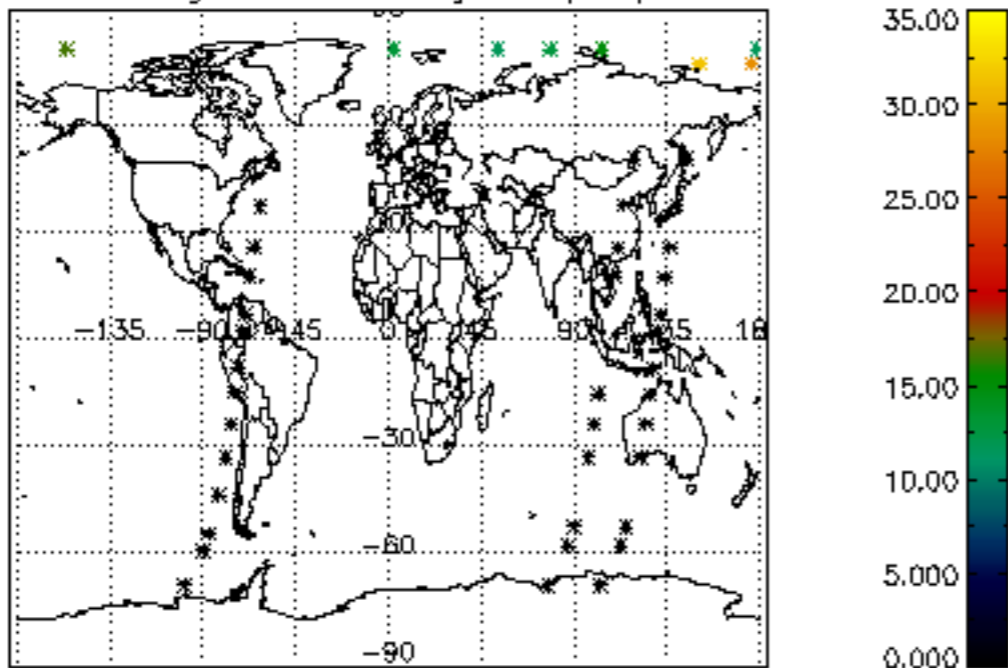
Percentage of star falling outside central band per profile



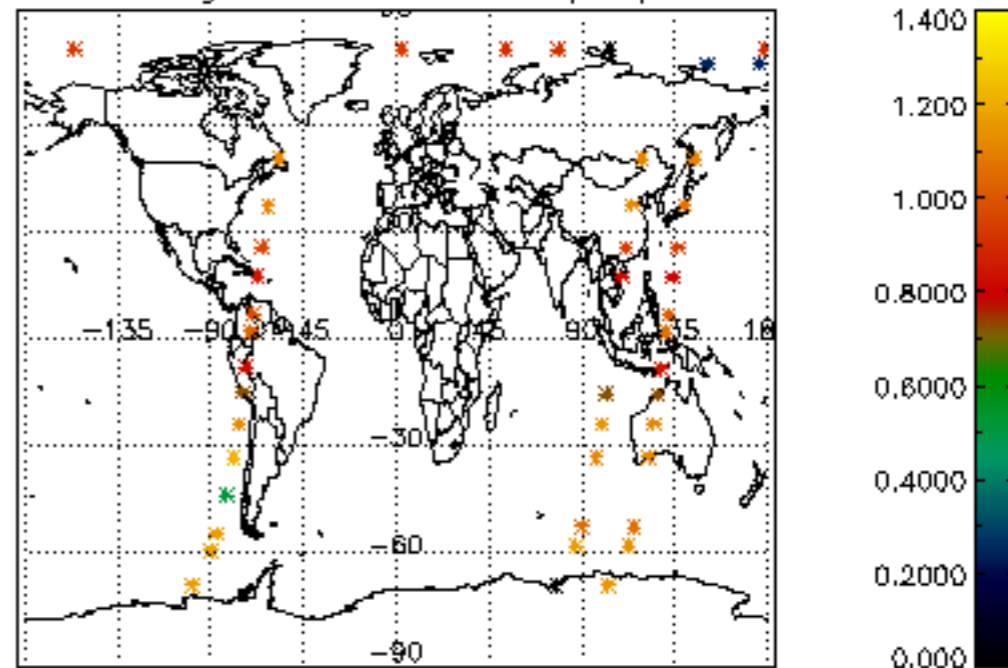
Percentage of saturation errors per profile



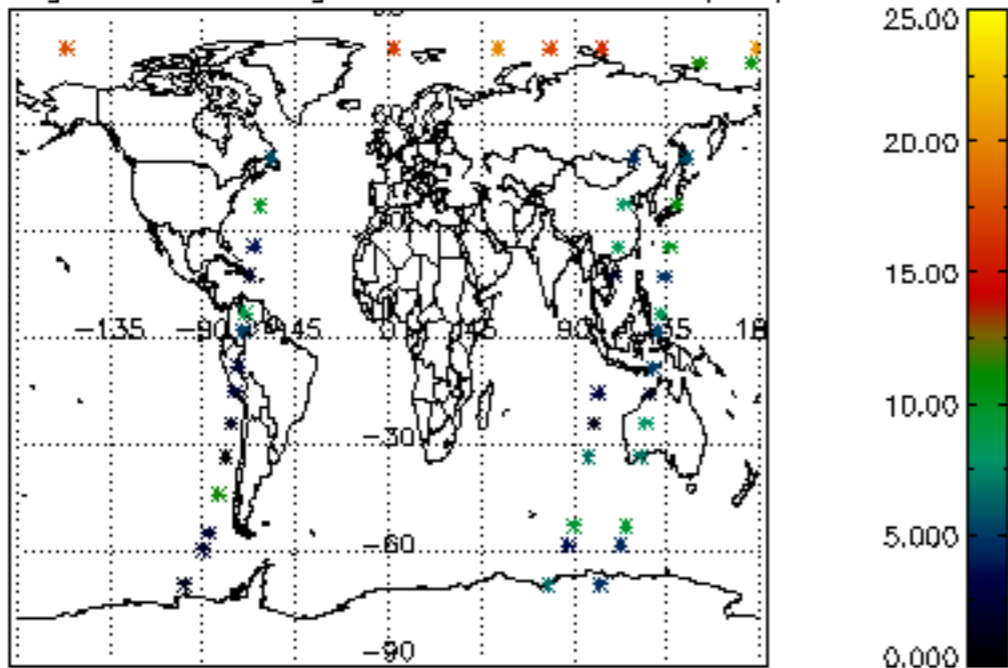
Percentage of cosmic ray hits per profile



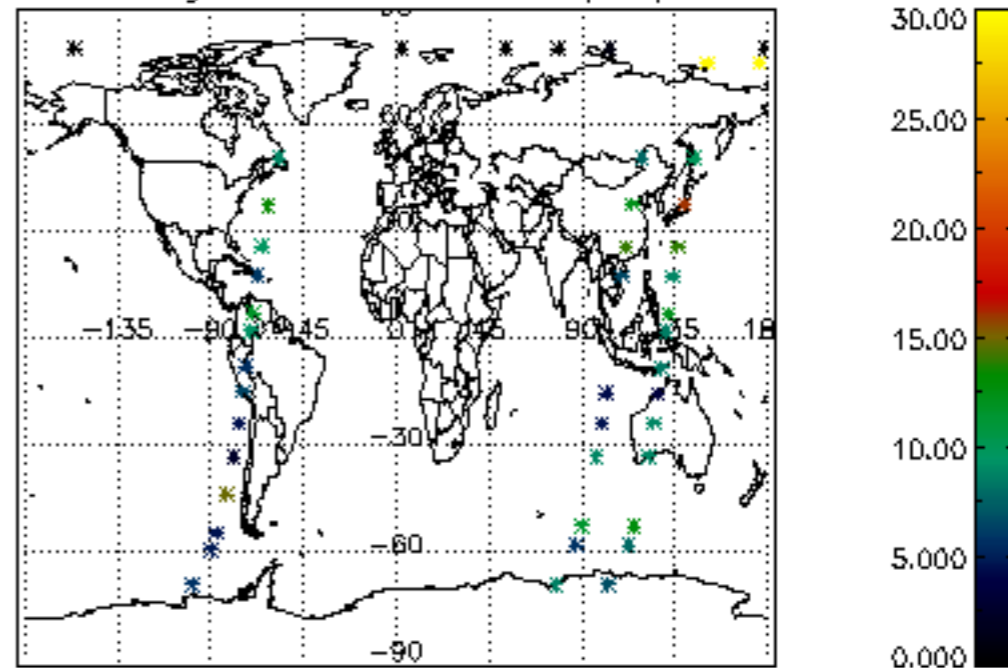
Percentage of datation errors per profile

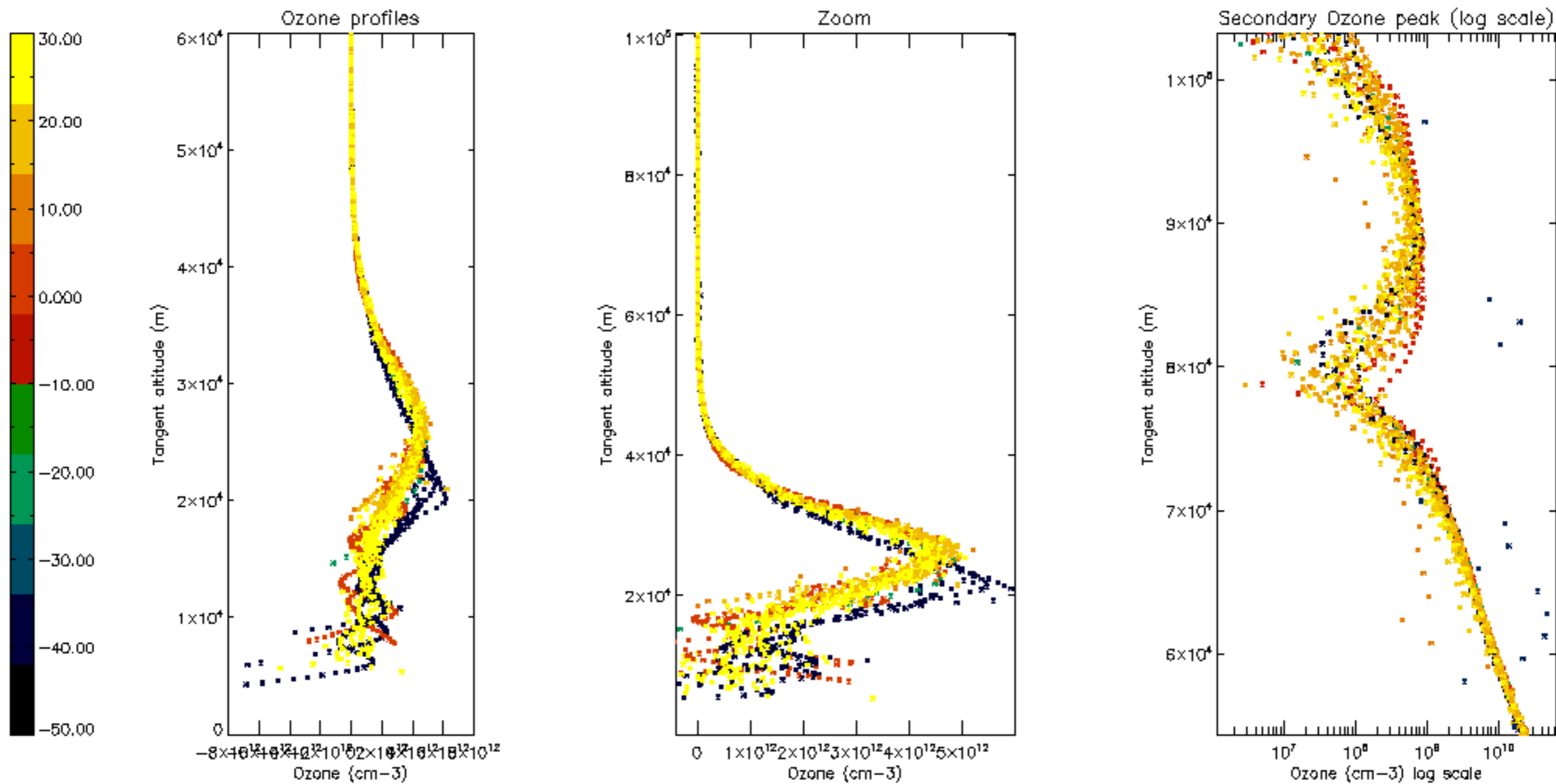


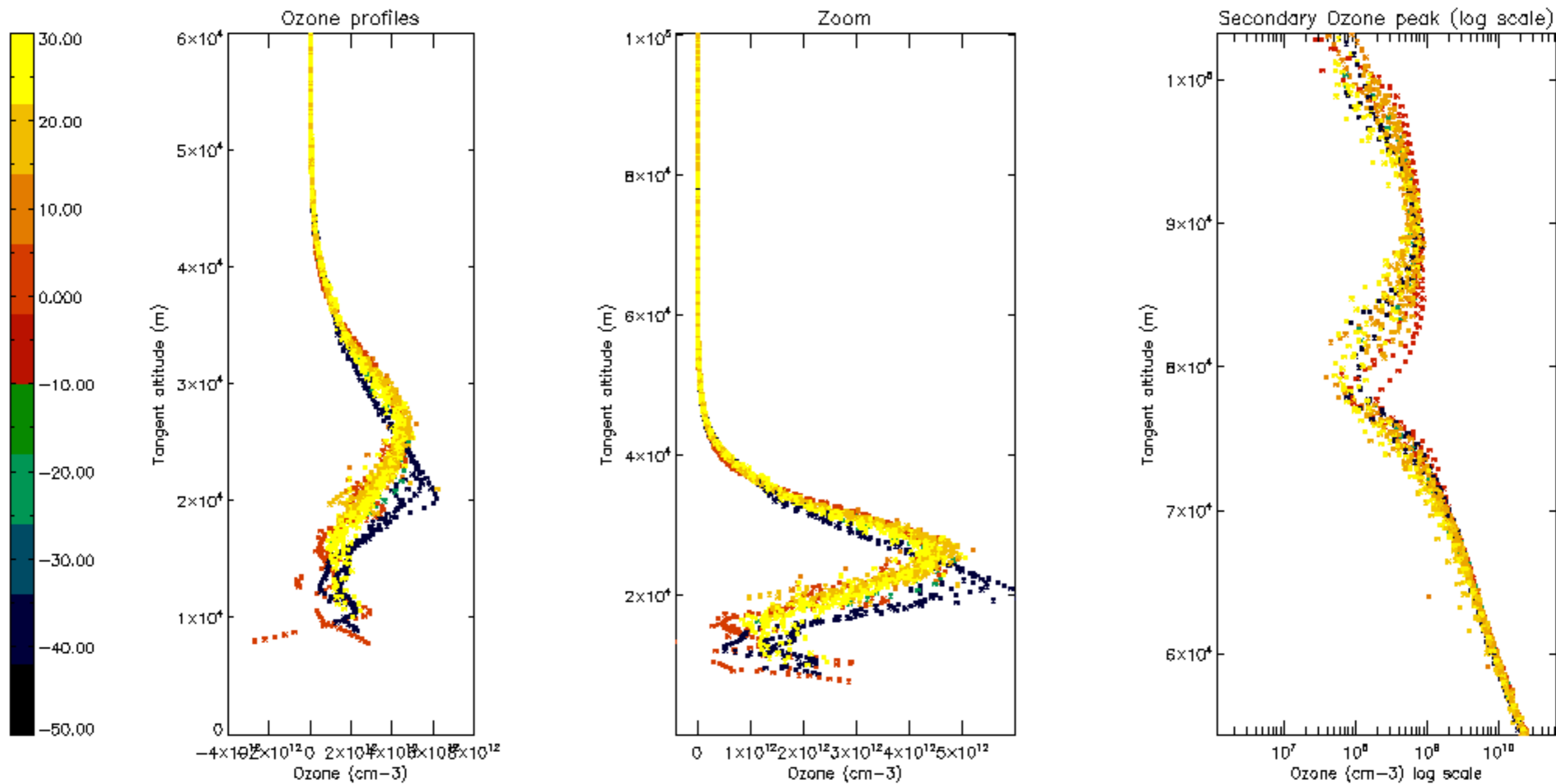
Percentage of star falling outside central band per profile

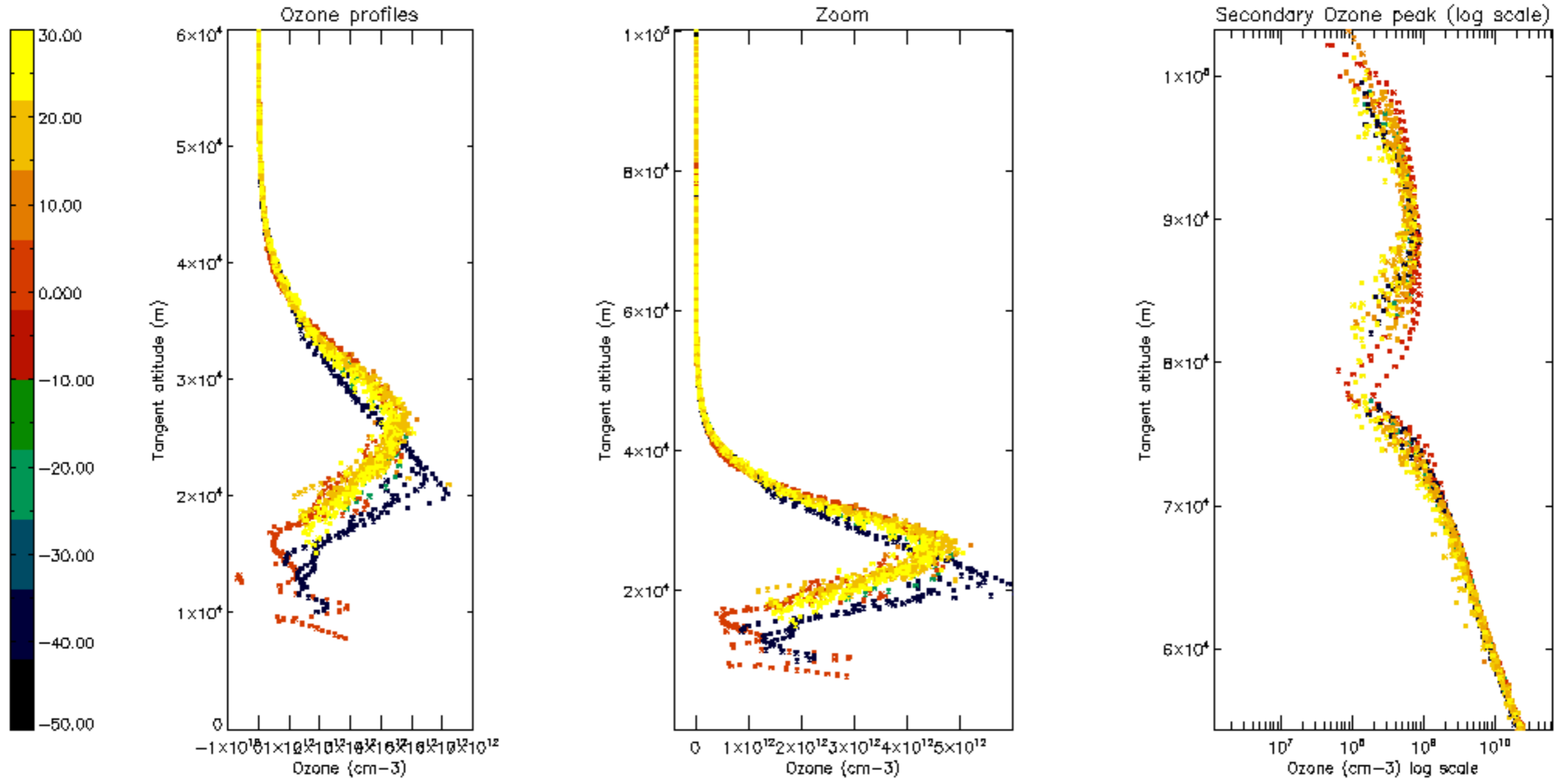


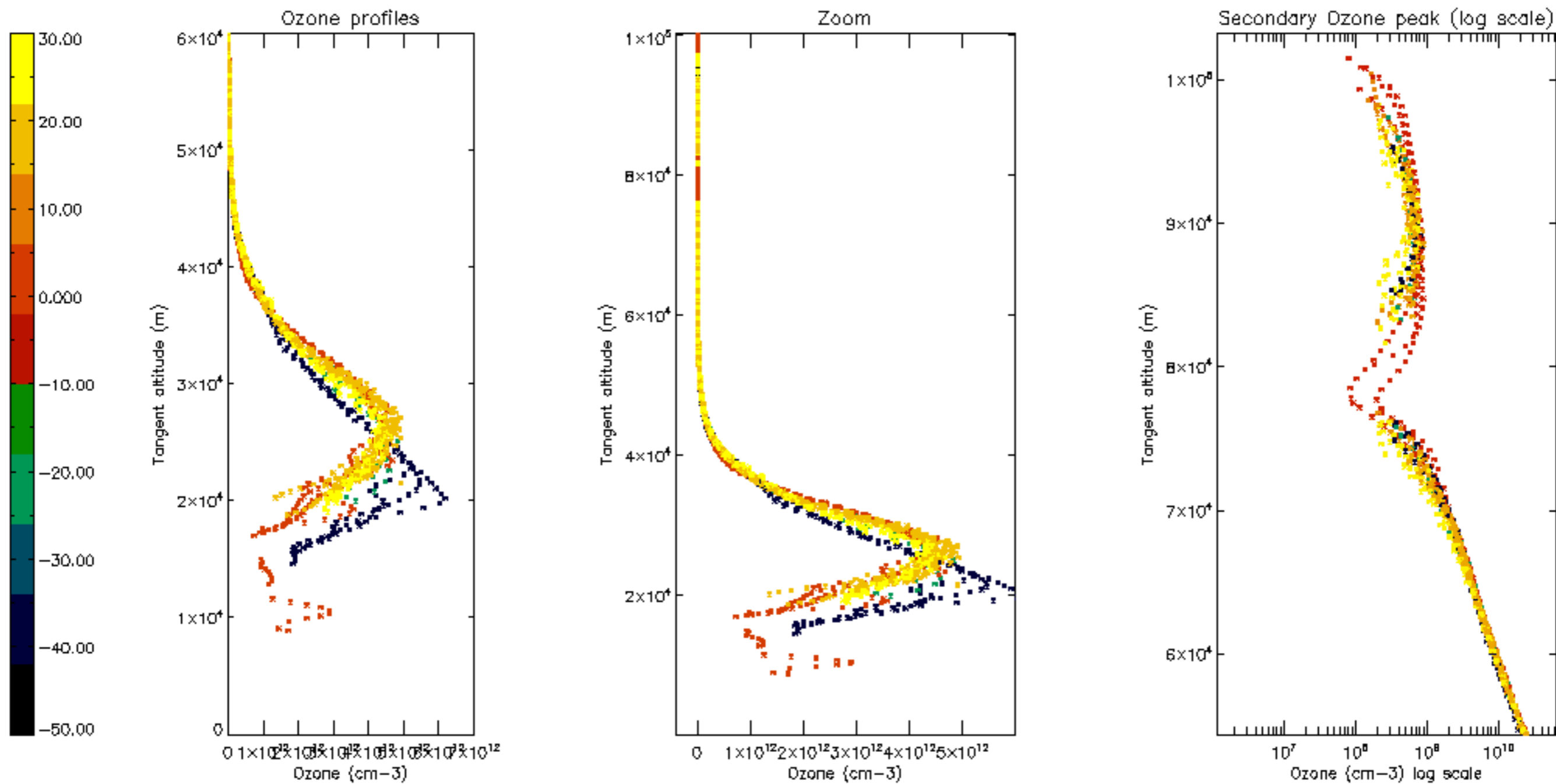
Percentage of saturation errors per profile

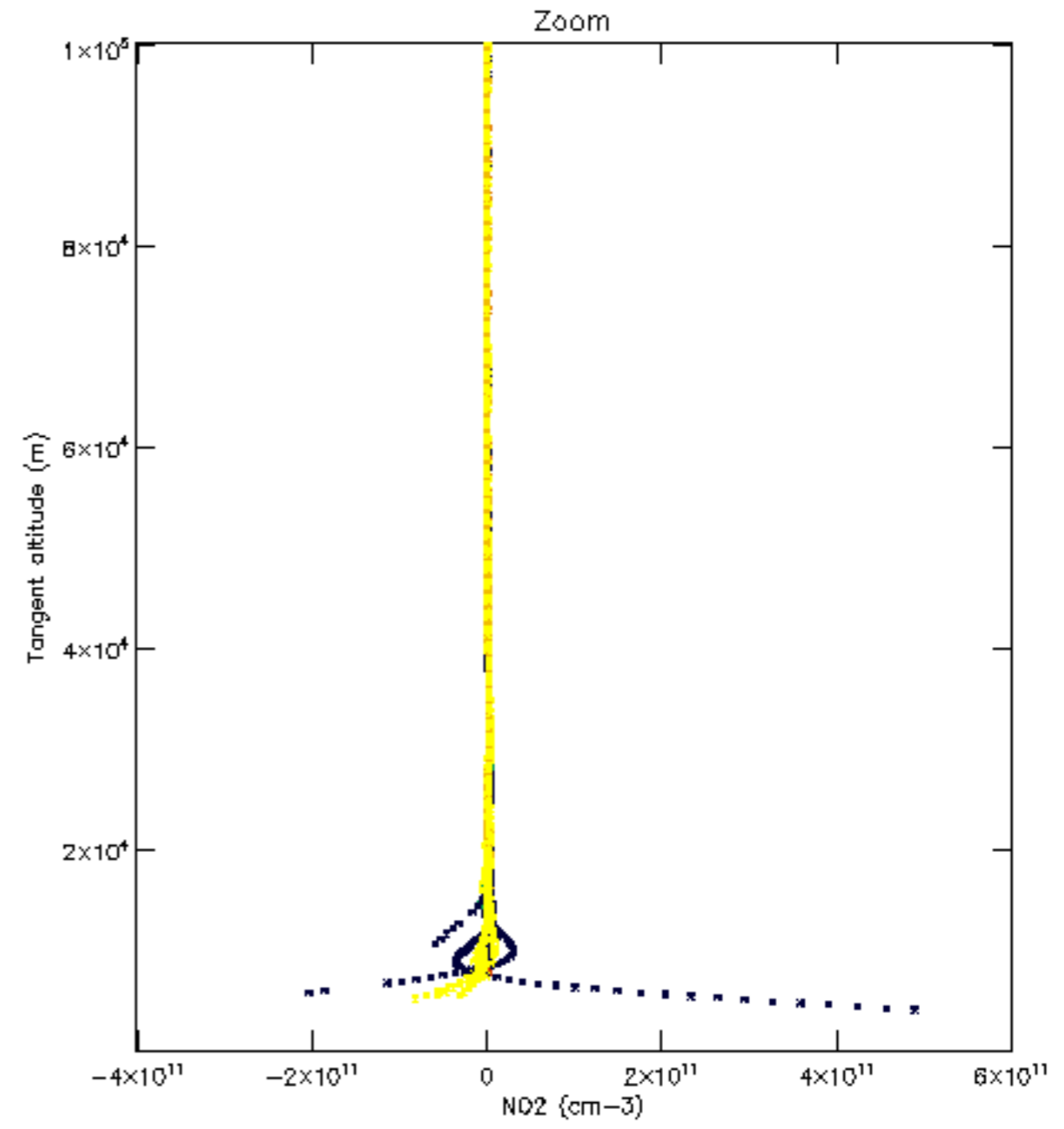
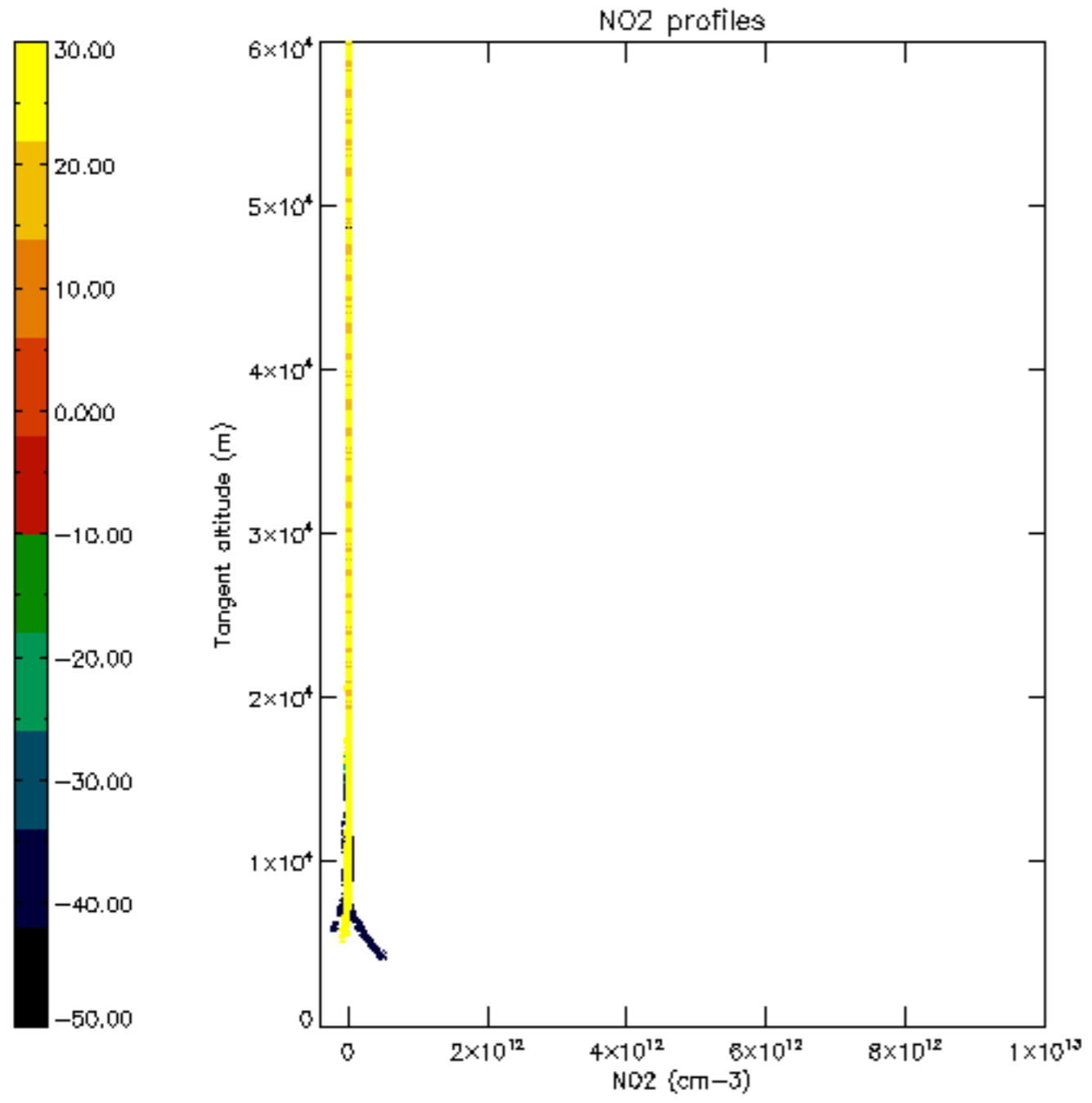


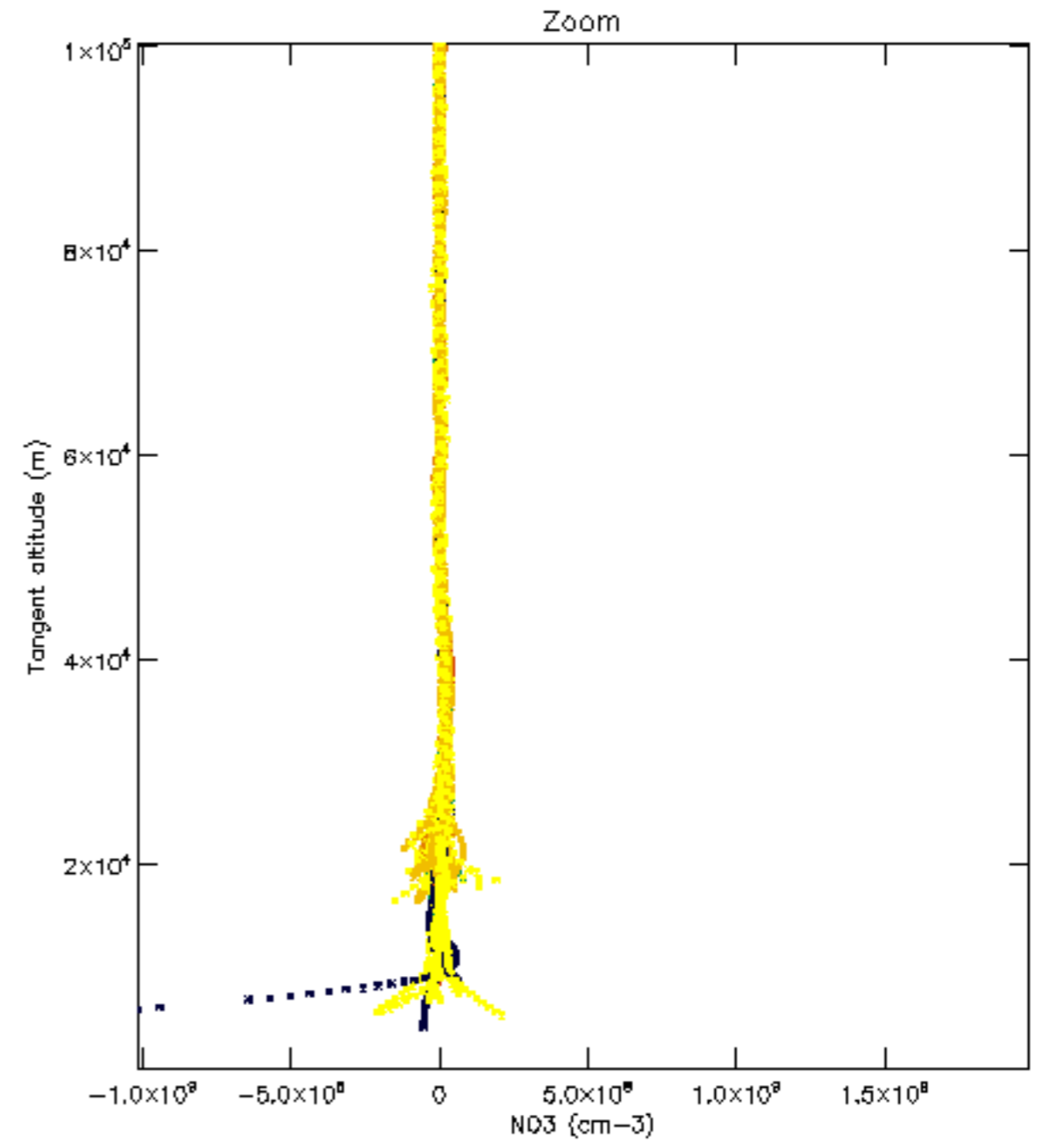
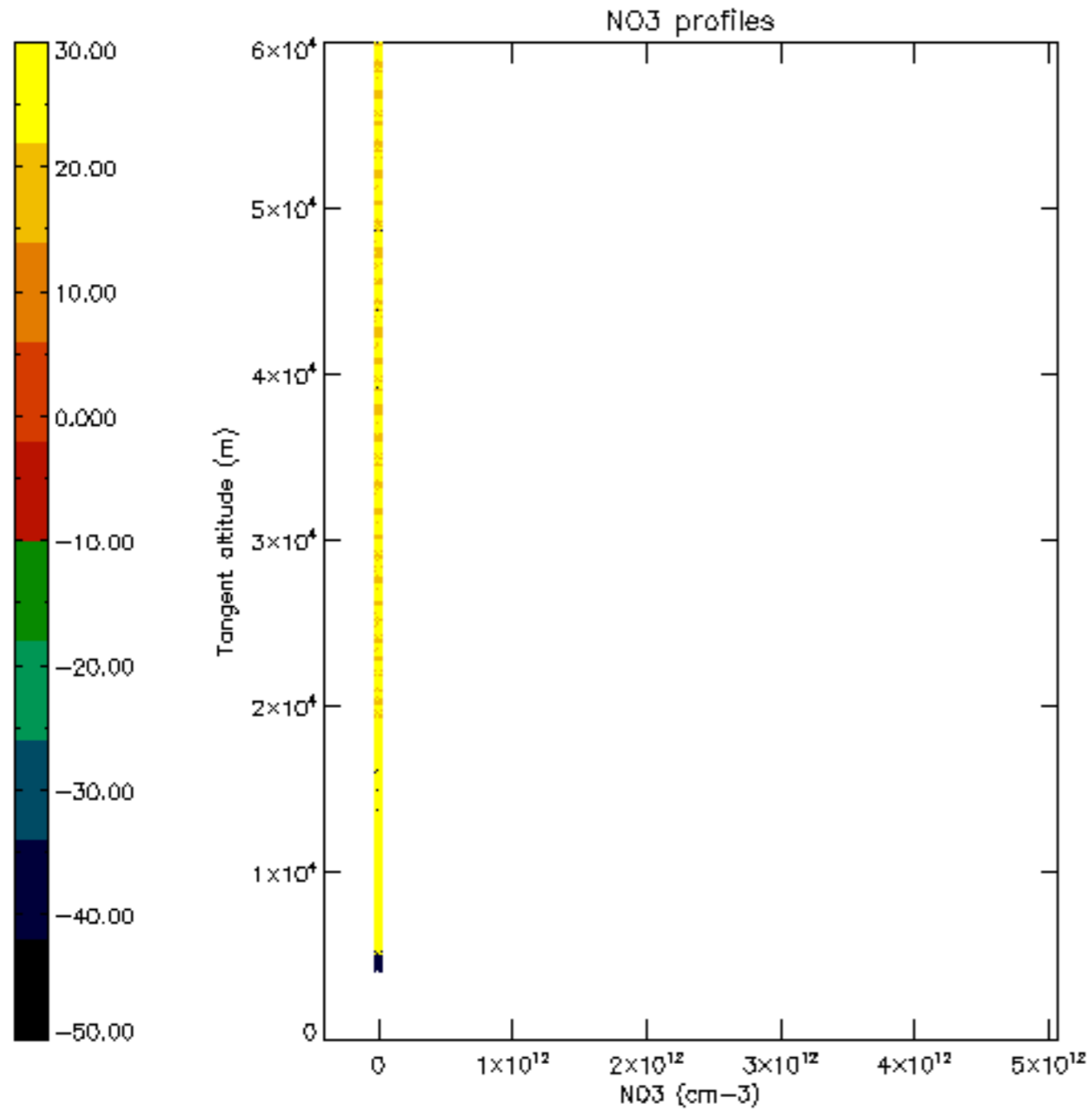


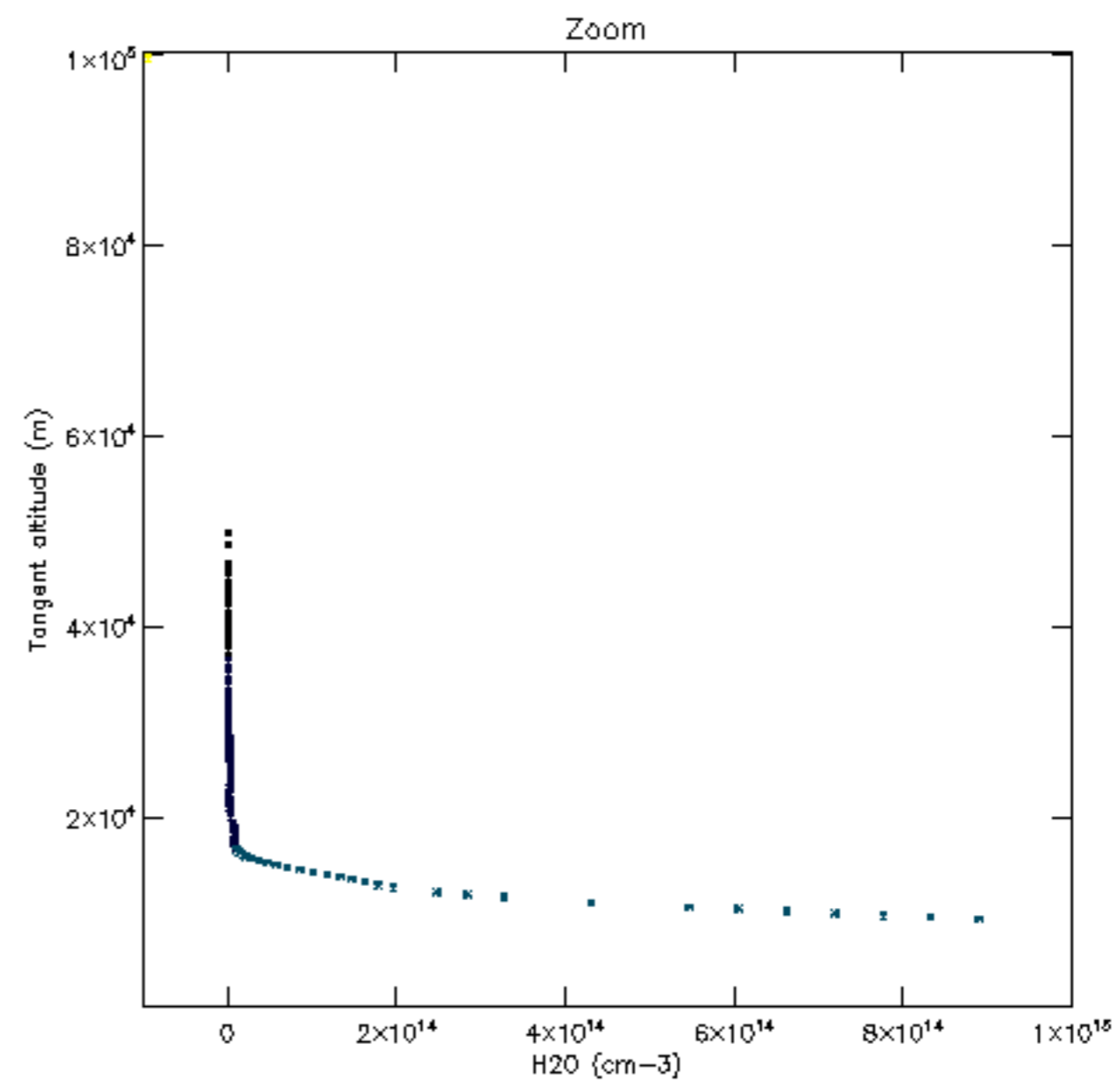
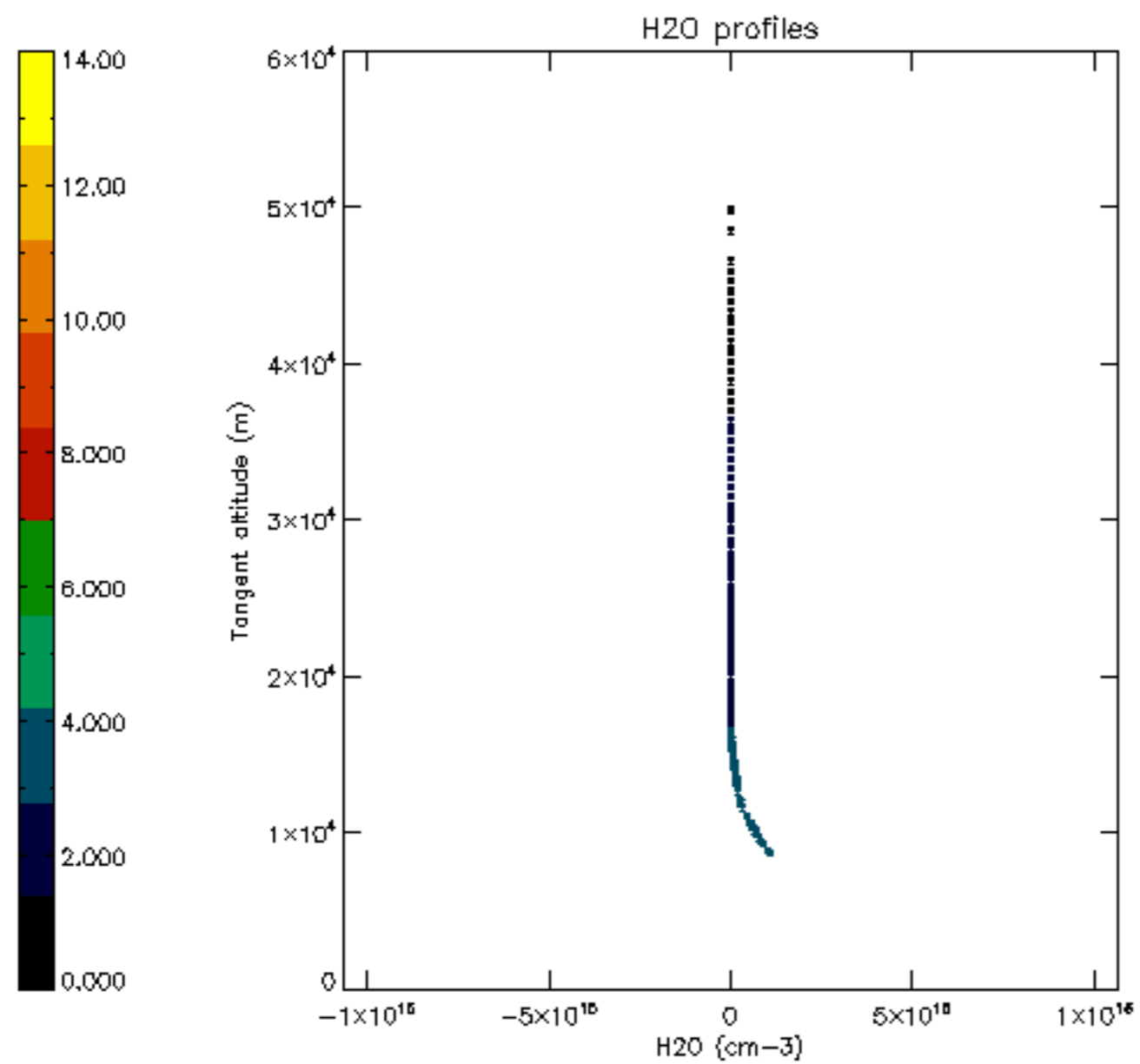


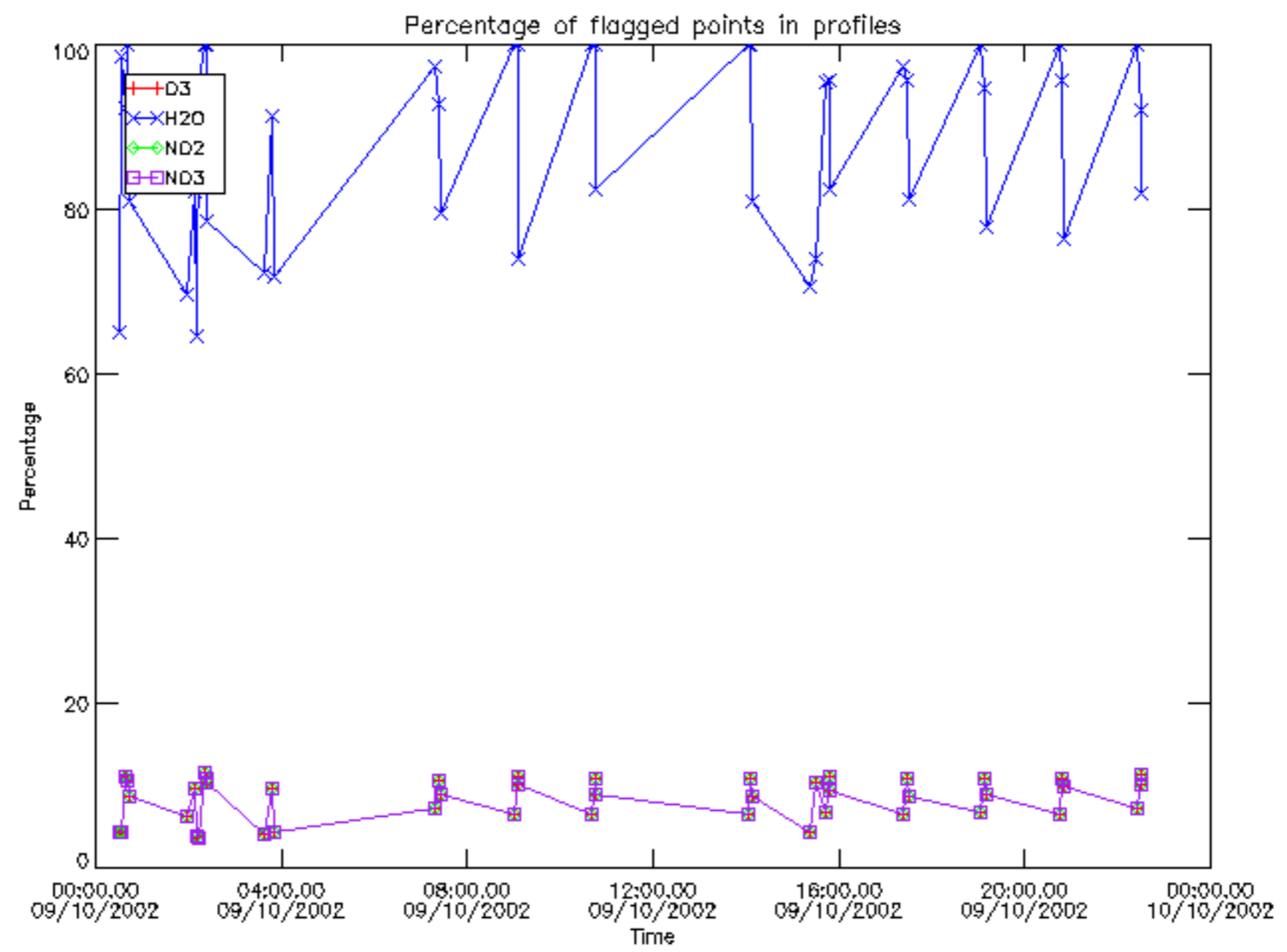




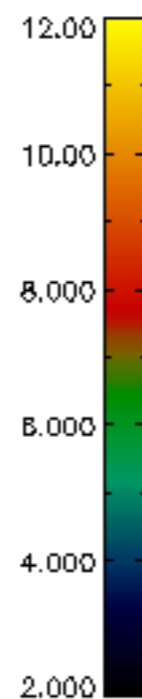
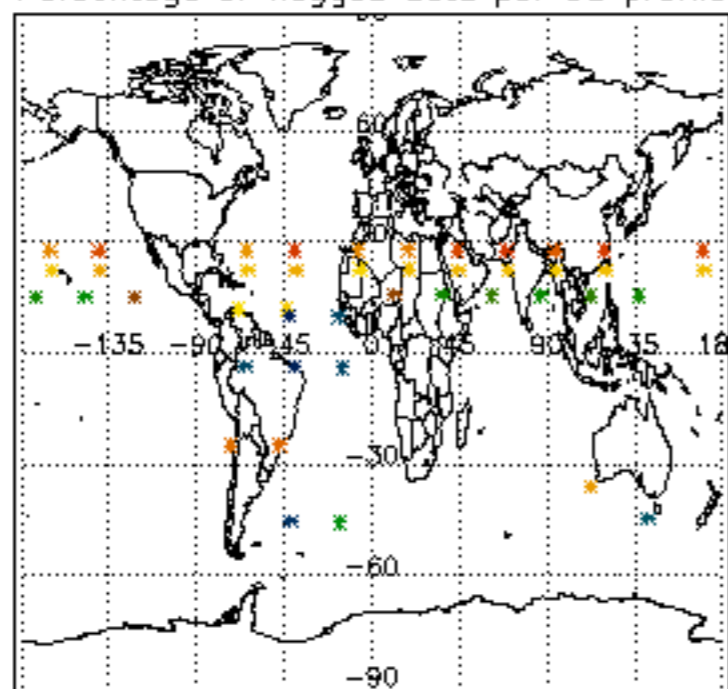




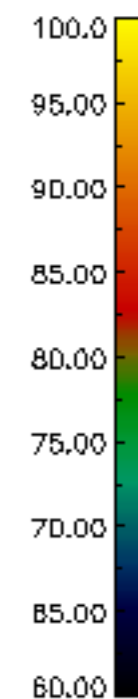
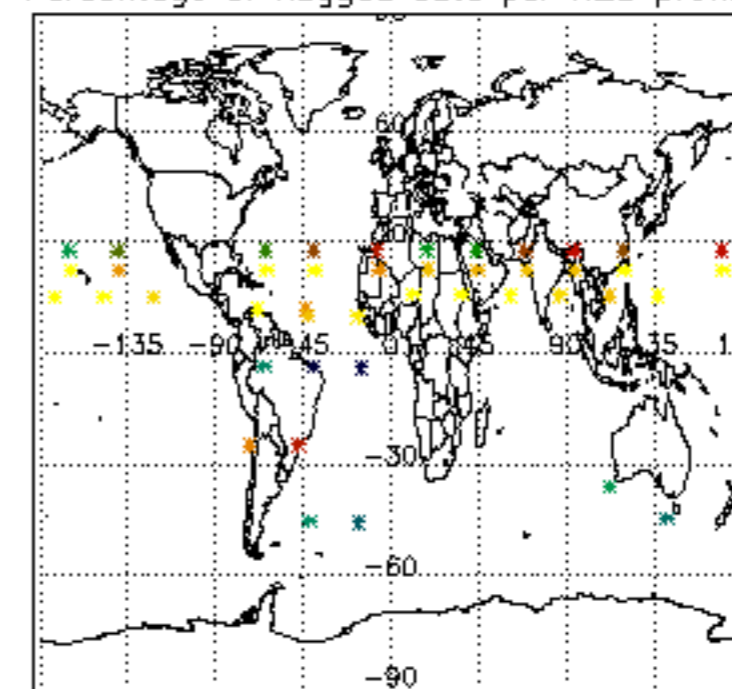




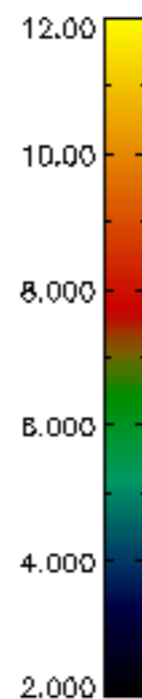
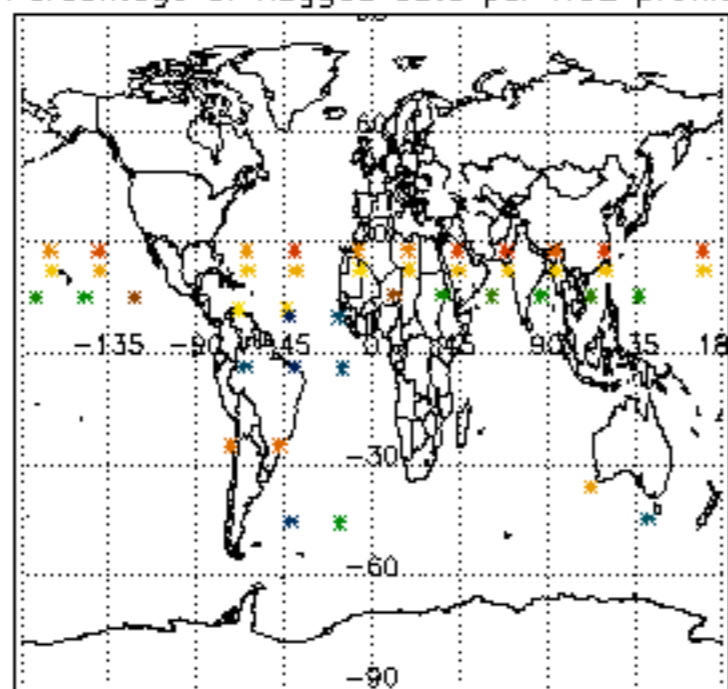
Percentage of flagged data per D3 profile



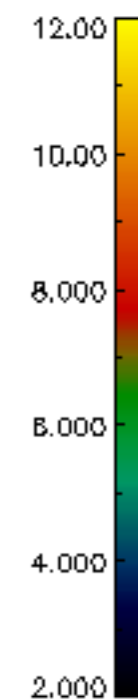
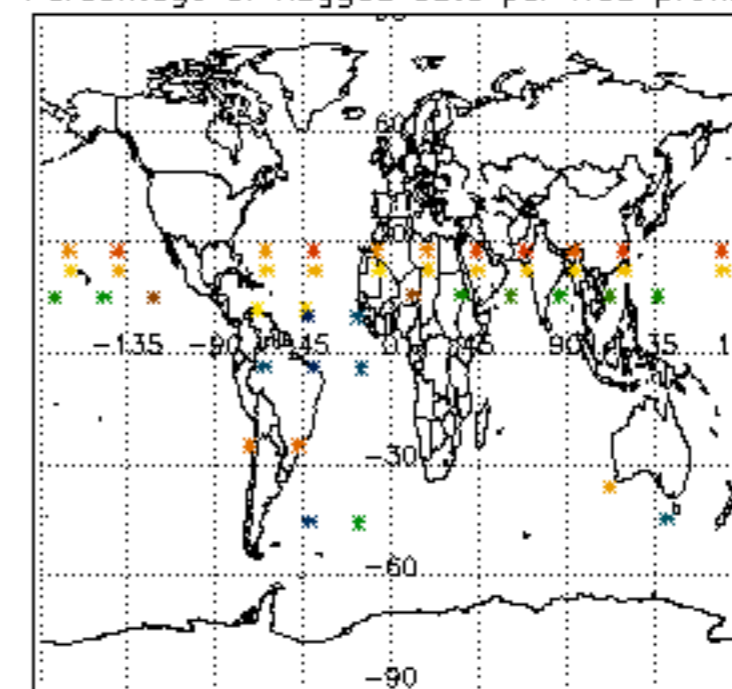
Percentage of flagged data per H2O profile

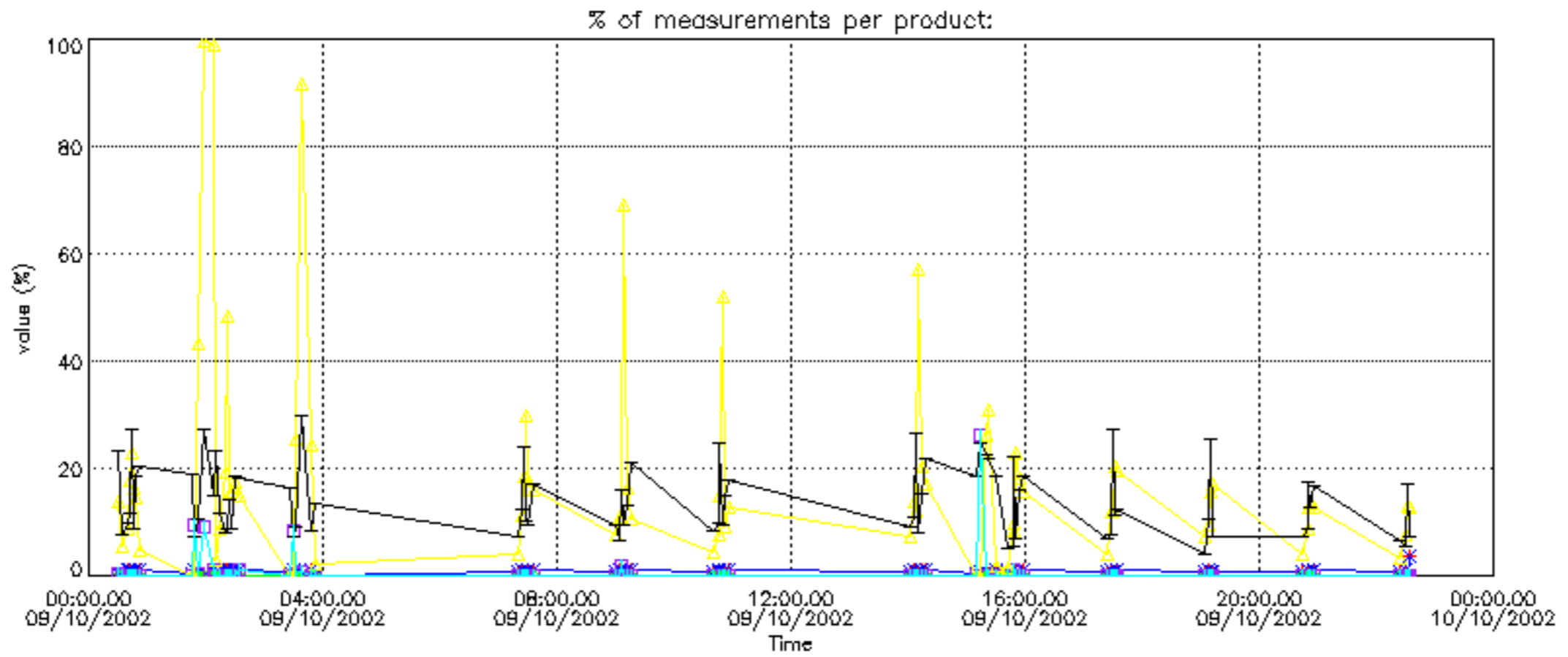
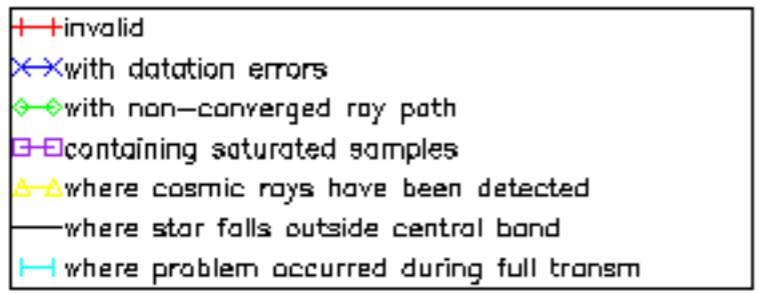


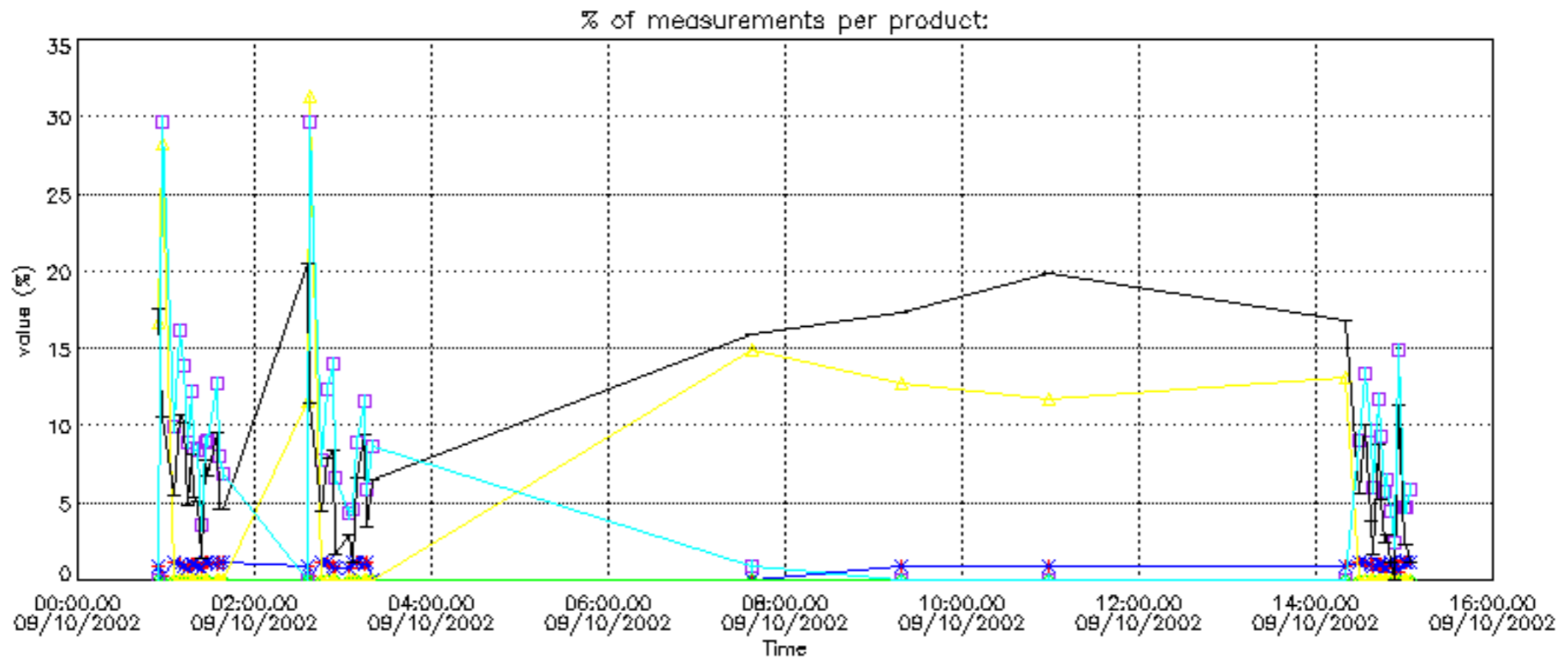
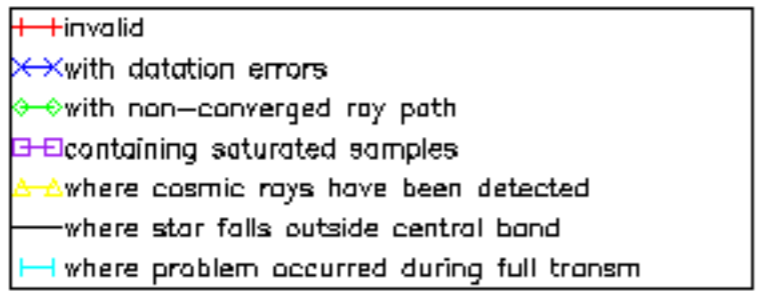
Percentage of flagged data per NO2 profile



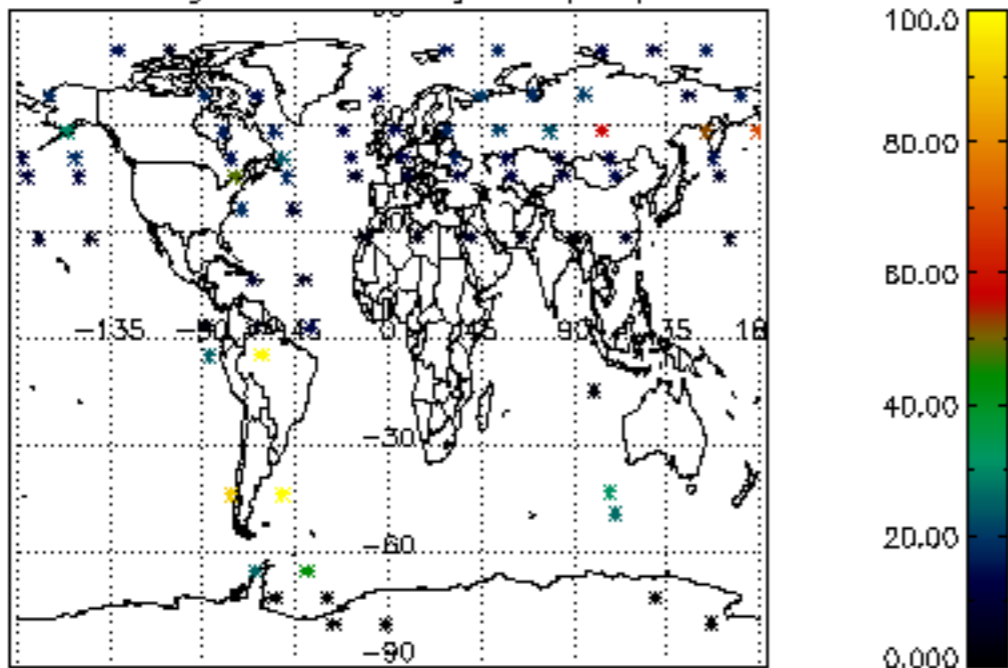
Percentage of flagged data per NO3 profile



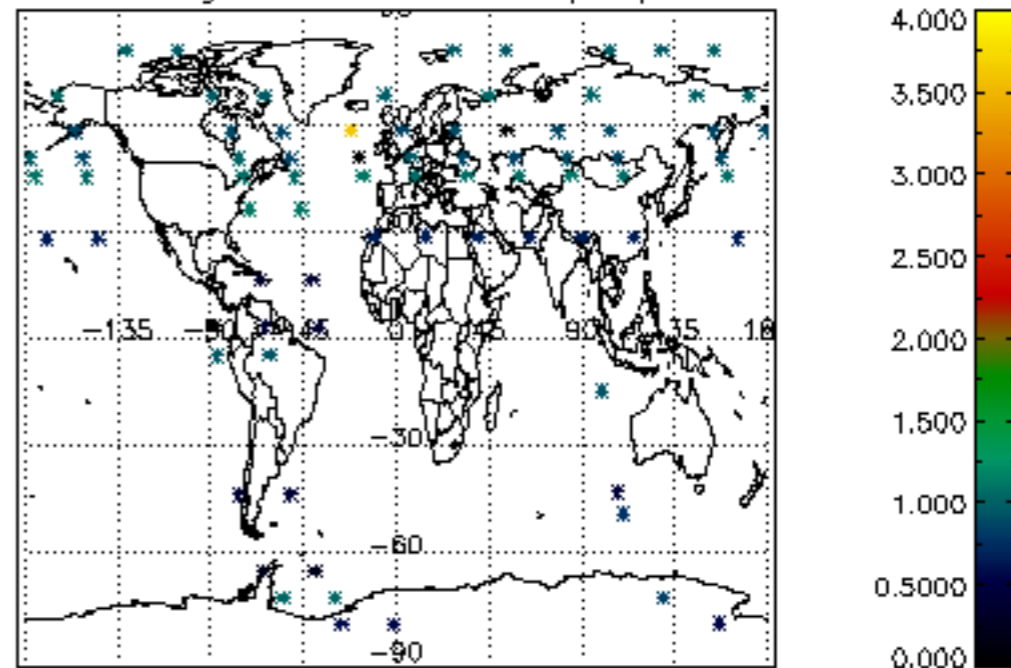




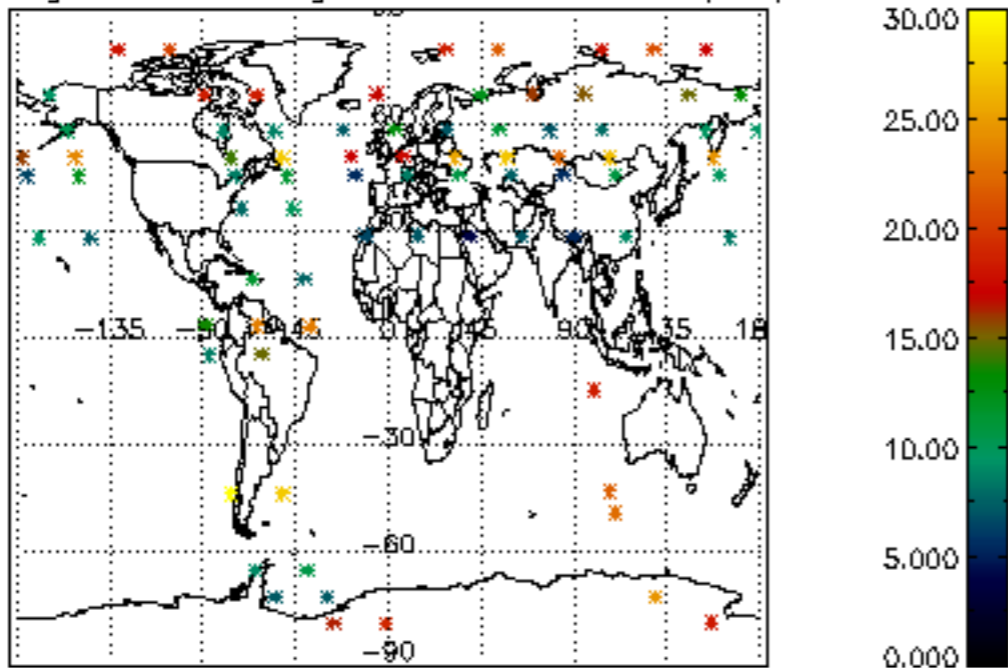
Percentage of cosmic ray hits per profile



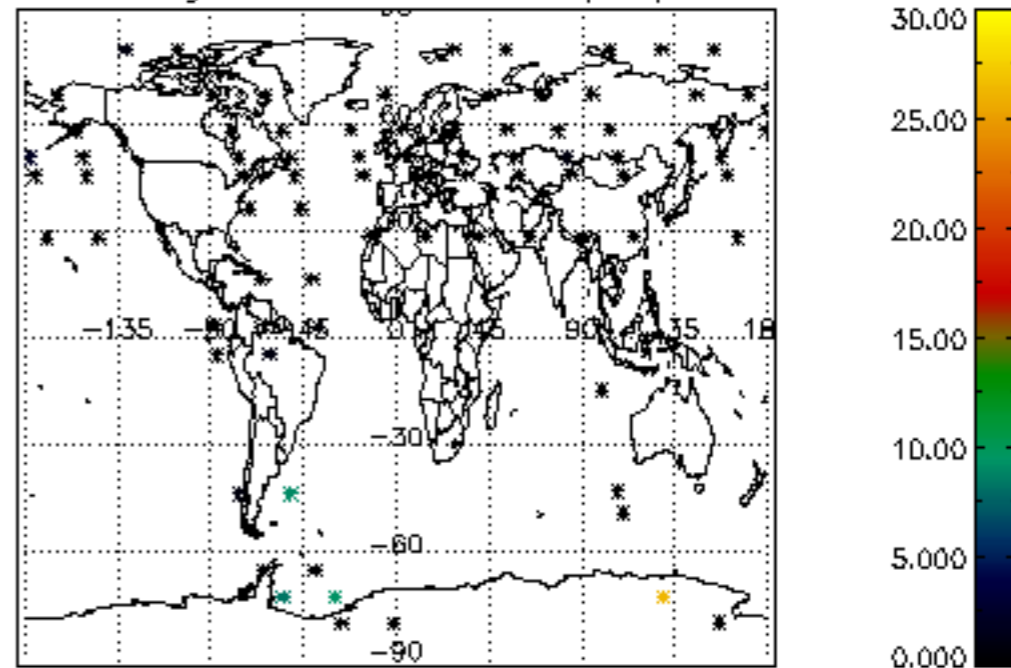
Percentage of datation errors per profile



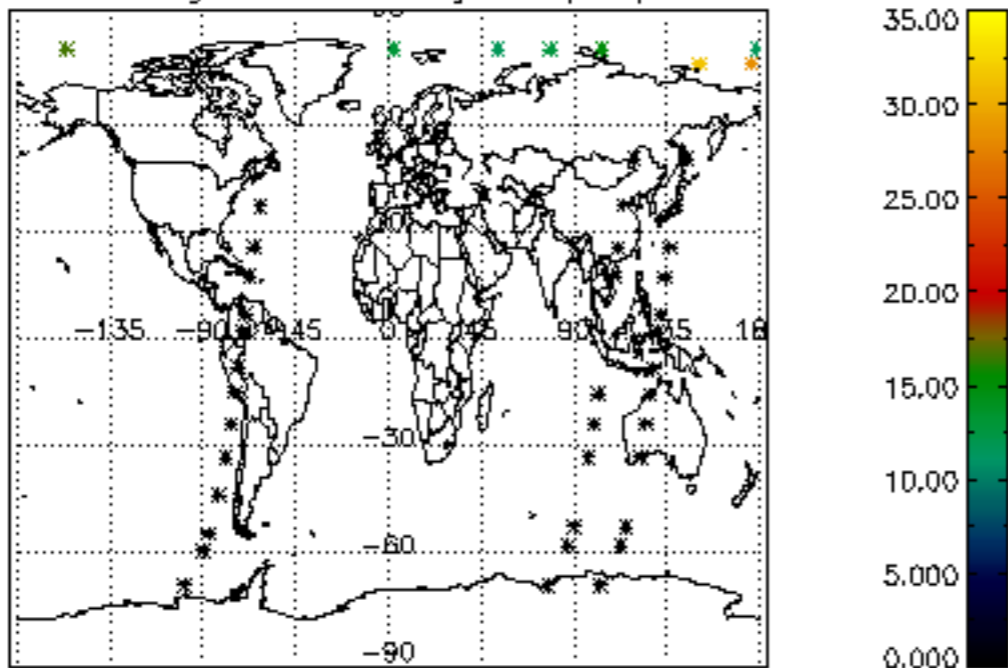
Percentage of star falling outside central band per profile



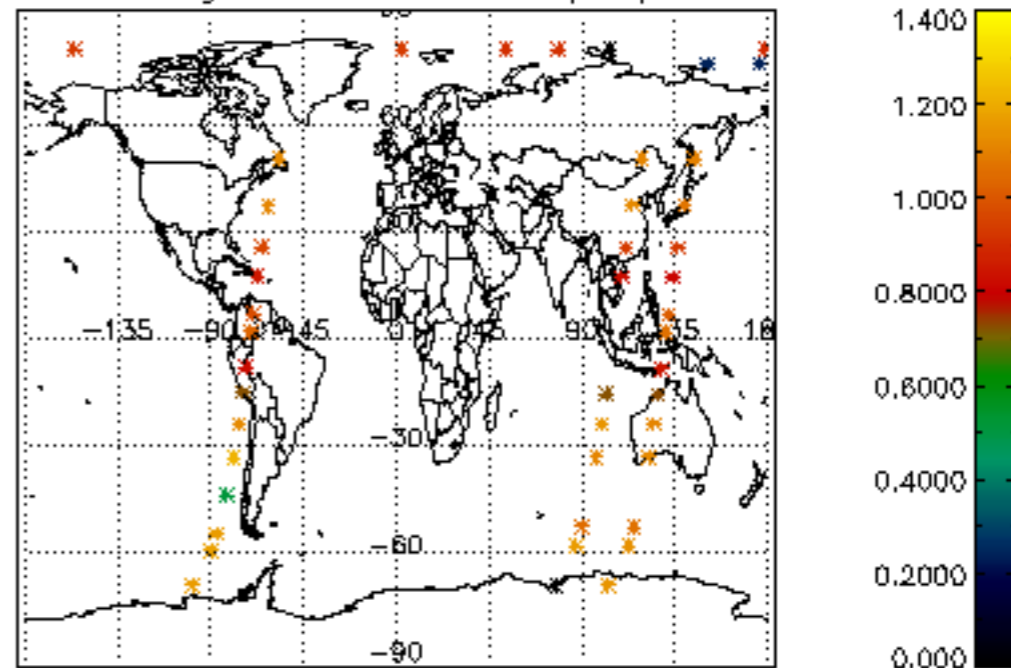
Percentage of saturation errors per profile



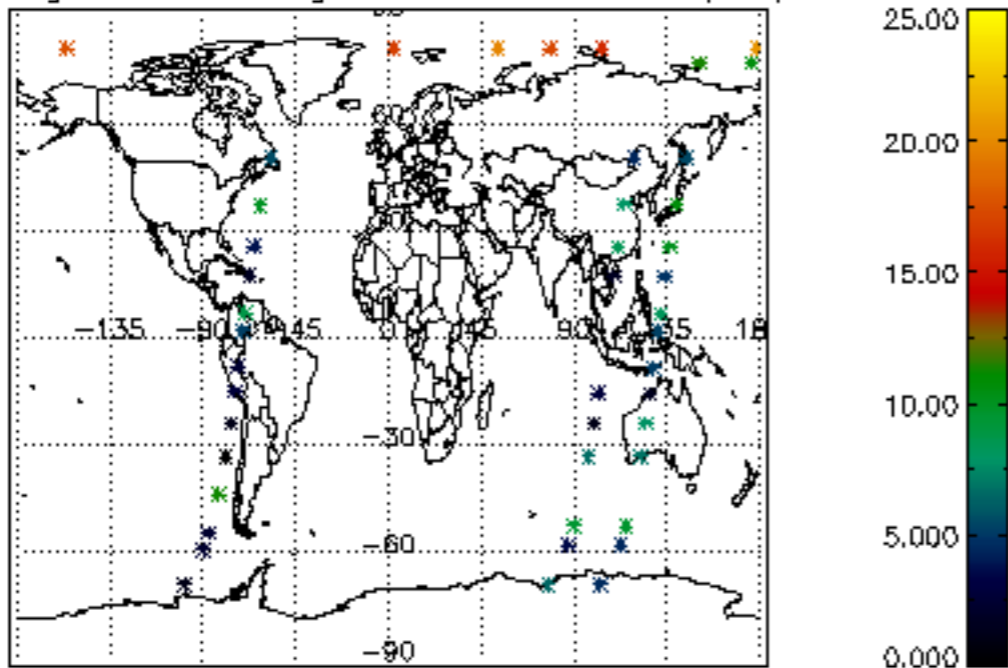
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

