

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	18APR2013 10:28:48
Data source version	GOMOS/6.01
Start time of products	19-08-2005 (19AUG2005 00:00:00)
Stop time of products	20-08-2005 (20AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	115
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__2PRFIN20050819_002032_000000362040_00045_18135_5917.N1	19-AUG-2005 00:20:32	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18135	No
2	GOM_NL__2PRFIN20050819_003038_000000352040_00045_18135_5918.N1	19-AUG-2005 00:30:38	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18135	No
3	GOM_NL__2PRFIN20050819_004319_000000362040_00045_18135_5919.N1	19-AUG-2005 00:43:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18135	No
4	GOM_NL__2PRFIN20050819_011406_000000442040_00045_18135_5920.N1	19-AUG-2005 01:14:06	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	18135	No
5	GOM_NL__2PRFIN20050819_011540_000000392040_00045_18135_5921.N1	19-AUG-2005 01:15:40	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18135	No
6	GOM_NL__2PRFIN20050819_011707_000000402040_00045_18135_5922.N1	19-AUG-2005 01:17:07	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	18135	No
7	GOM_NL__2PRFIN20050819_012357_000000442040_00045_18135_5923.N1	19-AUG-2005 01:23:57	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	18135	No
8	GOM_NL__2PRFIN20050819_013447_000000382040_00046_18136_5917.N1	19-AUG-2005 01:34:47	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18136	No
9	GOM_NL__2PRFIN20050819_014013_000000392040_00046_18136_5918.N1	19-AUG-2005 01:40:13	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18136	No
10	GOM_NL__2PRFIN20050819_020108_000000362040_00046_18136_5919.N1	19-AUG-2005 02:01:08	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18136	No
11	GOM_NL__2PRFIN20050819_021114_000000352040_00046_18136_5920.N1	19-AUG-2005 02:11:14	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18136	No
12	GOM_NL__2PRFIN20050819_022355_000000342040_00046_18136_5921.N1	19-AUG-2005 02:23:55	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	18136	No
13	GOM_NL__2PRFIN20050819_025442_000000482040_00046_18136_5922.N1	19-AUG-2005 02:54:42	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	18136	No
14	GOM_NL__2PRFIN20050819_025616_000000392040_00046_18136_5923.N1	19-AUG-2005 02:56:16	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18136	No
15	GOM_NL__2PRFIN20050819_025744_000000412040_00046_18136_5924.N1	19-AUG-2005 02:57:44	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18136	No
16	GOM_NL__2PRFIN20050819_030434_000000432040_00046_18136_5925.N1	19-AUG-2005 03:04:34	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18136	No
17	GOM_NL__2PRFIN20050819_031523_000000372040_00047_18137_5918.N1	19-AUG-2005 03:15:23	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18137	No
18	GOM_NL__2PRFIN20050819_032049_000000412040_00047_18137_5919.N1	19-AUG-2005 03:20:49	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	18137	No
19	GOM_NL__2PRFIN20050819_034145_000000372040_00047_18137_5920.N1	19-AUG-2005 03:41:45	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18137	No
20	GOM_NL__2PRFIN20050819_035150_000000342040_00047_18137_5921.N1	19-AUG-2005 03:51:50	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18137	No
21	GOM_NL__2PRFIN20050819_040431_000000362040_00047_18137_5922.N1	19-AUG-2005 04:04:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18137	No
22	GOM_NL__2PRFIN20050819_043518_000000452040_00047_18137_5923.N1	19-AUG-2005 04:35:18	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	18137	No
23	GOM_NL__2PRFIN20050819_043652_000000362040_00047_18137_5924.N1	19-AUG-2005 04:36:52	Dark	35.500	179	24Omi2CMa	3.0320	24000.	71	18137	No
24	GOM_NL__2PRFIN20050819_043820_000000412040_00047_18137_5925.N1	19-AUG-2005 04:38:20	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18137	No
25	GOM_NL__2PRFIN20050819_044510_000000392040_00047_18137_5926.N1	19-AUG-2005 04:45:10	Dark	39.000	2	Alp Car	-0.73600	7000.0	78	18137	No
26	GOM_NL__2PRFIN20050819_045600_000000382040_00048_18138_5919.N1	19-AUG-2005 04:56:00	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18138	No
27	GOM_NL__2PRFIN20050819_050125_000000422040_00048_18138_5920.N1	19-AUG-2005 05:01:25	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18138	No
28	GOM_NL__2PRFIN20050819_052221_000000362040_00048_18138_5921.N1	19-AUG-2005 05:22:21	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18138	No
29	GOM_NL__2PRFIN20050819_053226_000000352040_00048_18138_5922.N1	19-AUG-2005 05:32:26	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18138	No
30	GOM_NL__2PRFIN20050819_054507_000000352040_00048_18138_5923.N1	19-AUG-2005 05:45:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18138	No
31	GOM_NL__2PRFIN20050819_061555_000000362040_00048_18138_5924.N1	19-AUG-2005 06:15:55	Dark	35.500	1	9Alp CMa	-1.4400	11000.	71	18138	No
32	GOM_NL__2PRFIN20050819_061729_000000352040_00048_18138_5925.N1	19-AUG-2005 06:17:29	Dark	34.500	179	24Omi2CMa	3.0320	24000.	69	18138	No
33	GOM_NL__2PRFIN20050819_061856_000000412040_00048_18138_5926.N1	19-AUG-2005 06:18:56	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18138	No
34	GOM_NL__2PRFIN20050819_062546_000000452040_00048_18138_5927.N1	19-AUG-2005 06:25:46	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	18138	No
35	GOM_NL__2PRFIN20050819_063636_000000382040_00049_18139_5921.N1	19-AUG-2005 06:36:36	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18139	No
36	GOM_NL__2PRFIN20050819_064201_000000482040_00049_18139_5922.N1	19-AUG-2005 06:42:01	Straylight	47.500	148	Alp Tuc	2.8780	4100.0	95	18139	No
37	GOM_NL__2PRFIN20050819_070257_000000362040_00049_18139_5923.N1	19-AUG-2005 07:02:57	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18139	No
38	GOM_NL__2PRFIN20050819_071303_000000352040_00049_18139_5924.N1	19-AUG-2005 07:13:03	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18139	No
39	GOM_NL__2PRFIN20050819_072543_000000362040_00049_18139_5925.N1	19-AUG-2005 07:25:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18139	No
40	GOM_NL__2PRFIN20050819_075631_000000372040_00049_18139_5926.N1	19-AUG-2005 07:56:31	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	18139	No
41	GOM_NL__2PRFIN20050819_075805_000000392040_00049_18139_5927.N1	19-AUG-2005 07:58:05	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18139	No
42	GOM_NL__2PRFIN20050819_075932_000000422040_00049_18139_5928.N1	19-AUG-2005 07:59:32	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18139	No

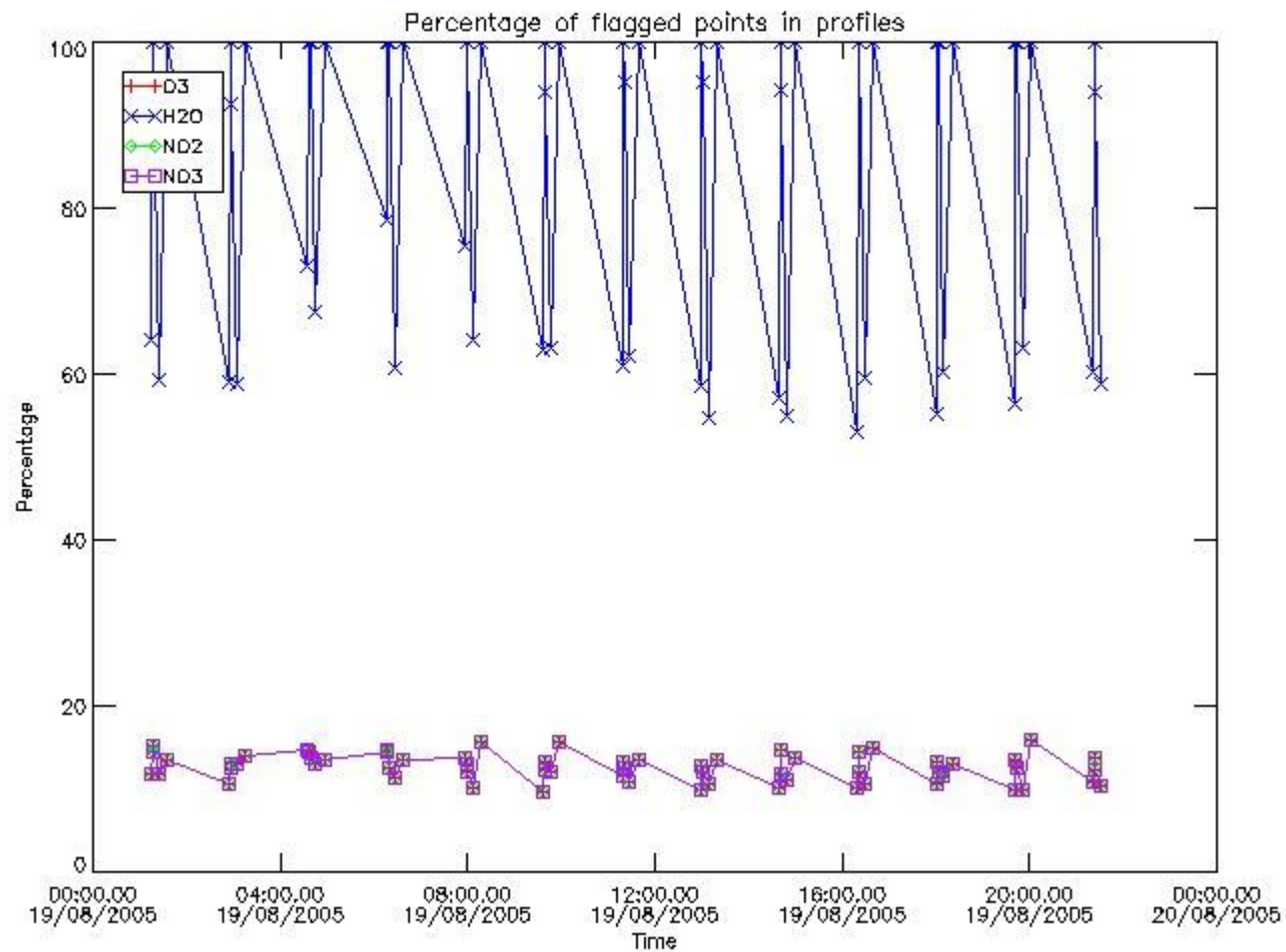
43	GOM_NL__2PRFIN20050819_080623_000000512040_00049_18139_5929.N1	19-AUG-2005 08:06:23	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	18139	No
44	GOM_NL__2PRFIN20050819_081712_000000362040_00050_18140_5923.N1	19-AUG-2005 08:17:12	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18140	No
45	GOM_NL__2PRFIN20050819_082238_000000492040_00050_18140_5924.N1	19-AUG-2005 08:22:38	Straylight	48.500	148	Alp Tuc	2.8780	4100.0	97	18140	No
46	GOM_NL__2PRFIN20050819_084333_000000362040_00050_18140_5925.N1	19-AUG-2005 08:43:33	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18140	No
47	GOM_NL__2PRFIN20050819_085339_000000342040_00050_18140_5926.N1	19-AUG-2005 08:53:39	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	18140	No
48	GOM_NL__2PRFIN20050819_090619_000000362040_00050_18140_5927.N1	19-AUG-2005 09:06:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18140	No
49	GOM_NL__2PRFIN20050819_093707_000000532040_00050_18140_5928.N1	19-AUG-2005 09:37:07	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	18140	No
50	GOM_NL__2PRFIN20050819_093841_000000392040_00050_18140_5929.N1	19-AUG-2005 09:38:41	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18140	No
51	GOM_NL__2PRFIN20050819_094009_000000422040_00050_18140_5930.N1	19-AUG-2005 09:40:09	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18140	No
52	GOM_NL__2PRFIN20050819_094659_000000432040_00050_18140_5931.N1	19-AUG-2005 09:46:59	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	18140	No
53	GOM_NL__2PRFIN20050819_095748_000000362040_00051_18141_5925.N1	19-AUG-2005 09:57:48	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18141	No
54	GOM_NL__2PRFIN20050819_100314_000000402040_00051_18141_5926.N1	19-AUG-2005 10:03:14	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18141	No
55	GOM_NL__2PRFIN20050819_102409_000000352040_00051_18141_5927.N1	19-AUG-2005 10:24:09	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18141	No
56	GOM_NL__2PRFIN20050819_103415_000000352040_00051_18141_5928.N1	19-AUG-2005 10:34:15	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18141	No
57	GOM_NL__2PRFIN20050819_104655_000000362040_00051_18141_5929.N1	19-AUG-2005 10:46:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18141	No
58	GOM_NL__2PRFIN20050819_111744_000000442040_00051_18141_5930.N1	19-AUG-2005 11:17:44	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	18141	No
59	GOM_NL__2PRFIN20050819_111917_000000392040_00051_18141_5931.N1	19-AUG-2005 11:19:17	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18141	No
60	GOM_NL__2PRFIN20050819_112045_000000412040_00051_18141_5932.N1	19-AUG-2005 11:20:45	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18141	No
61	GOM_NL__2PRFIN20050819_112735_000000522040_00051_18141_5933.N1	19-AUG-2005 11:27:35	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18141	No
62	GOM_NL__2PRFIN20050819_113824_000000382040_00052_18142_5926.N1	19-AUG-2005 11:38:24	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18142	No
63	GOM_NL__2PRFIN20050819_114350_000000422040_00052_18142_5927.N1	19-AUG-2005 11:43:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18142	No
64	GOM_NL__2PRFIN20050819_120445_000000362040_00052_18142_5928.N1	19-AUG-2005 12:04:45	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18142	No
65	GOM_NL__2PRFIN20050819_121450_000000352040_00052_18142_5929.N1	19-AUG-2005 12:14:50	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18142	No
66	GOM_NL__2PRFIN20050819_122731_000000352040_00052_18142_5930.N1	19-AUG-2005 12:27:31	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18142	No
67	GOM_NL__2PRFIN20050819_125820_000000512040_00052_18142_5931.N1	19-AUG-2005 12:58:20	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	18142	No
68	GOM_NL__2PRFIN20050819_125953_000000402040_00052_18142_5932.N1	19-AUG-2005 12:59:53	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	18142	No
69	GOM_NL__2PRFIN20050819_130121_000000422040_00052_18142_5933.N1	19-AUG-2005 13:01:21	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18142	No
70	GOM_NL__2PRFIN20050819_130811_000000482040_00052_18142_5934.N1	19-AUG-2005 13:08:11	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18142	No
71	GOM_NL__2PRFIN20050819_131900_000000382040_00053_18143_5927.N1	19-AUG-2005 13:19:00	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18143	No
72	GOM_NL__2PRFIN20050819_132426_000000442040_00053_18143_5928.N1	19-AUG-2005 13:24:26	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	18143	No
73	GOM_NL__2PRFIN20050819_134521_000000372040_00053_18143_5929.N1	19-AUG-2005 13:45:21	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18143	No
74	GOM_NL__2PRFIN20050819_135526_000000352040_00053_18143_5930.N1	19-AUG-2005 13:55:26	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18143	No
75	GOM_NL__2PRFIN20050819_140807_000000332040_00053_18143_5931.N1	19-AUG-2005 14:08:07	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	18143	No
76	GOM_NL__2PRFIN20050819_143856_000000512040_00053_18143_5932.N1	19-AUG-2005 14:38:56	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	18143	No
77	GOM_NL__2PRFIN20050819_144030_000000382040_00053_18143_5933.N1	19-AUG-2005 14:40:30	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18143	No
78	GOM_NL__2PRFIN20050819_144157_000000432040_00053_18143_5934.N1	19-AUG-2005 14:41:57	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18143	No
79	GOM_NL__2PRFIN20050819_144847_000000462040_00053_18143_5935.N1	19-AUG-2005 14:48:47	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	18143	No
80	GOM_NL__2PRFIN20050819_145936_000000372040_00054_18144_5928.N1	19-AUG-2005 14:59:36	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18144	No
81	GOM_NL__2PRFIN20050819_150502_000000392040_00054_18144_5929.N1	19-AUG-2005 15:05:02	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18144	No
82	GOM_NL__2PRFIN20050819_152557_000000352040_00054_18144_5930.N1	19-AUG-2005 15:25:57	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18144	No
83	GOM_NL__2PRFIN20050819_153602_000000332040_00054_18144_5931.N1	19-AUG-2005 15:36:02	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18144	No
84	GOM_NL__2PRFIN20050819_154842_000000362040_00054_18144_5932.N1	19-AUG-2005 15:48:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18144	No
85	GOM_NL__2PRFIN20050819_161933_000000512040_00054_18144_5933.N1	19-AUG-2005 16:19:33	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	18144	No
86	GOM_NL__2PRFIN20050819_162106_000000392040_00054_18144_5934.N1	19-AUG-2005 16:21:06	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18144	No
87	GOM_NL__2PRFIN20050819_162234_000000422040_00054_18144_5935.N1	19-AUG-2005 16:22:34	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18144	No
88	GOM_NL__2PRFIN20050819_162924_000000492040_00054_18144_5936.N1	19-AUG-2005 16:29:24	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	18144	No
89	GOM_NL__2PRFIN20050819_164013_000000382040_00055_18145_5948.N1	19-AUG-2005 16:40:13	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18145	No
90	GOM_NL__2PRFIN20050819_164539_000000392040_00055_18145_5949.N1	19-AUG-2005 16:45:39	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18145	No
91	GOM_NL__2PRFIN20050819_170633_000000382040_00055_18145_5950.N1	19-AUG-2005 17:06:33	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18145	No
92	GOM_NL__2PRFIN20050819_171639_000000342040_00055_18145_5951.N1	19-AUG-2005 17:16:39	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18145	No
93	GOM_NL__2PRFIN20050819_172918_000000362040_00055_18145_5952.N1	19-AUG-2005 17:29:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18145	No
94	GOM_NL__2PRFIN20050819_180009_000000492040_00055_18145_5953.N1	19-AUG-2005 18:00:09	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	18145	No
95	GOM_NL__2PRFIN20050819_180142_000000392040_00055_18145_5954.N1	19-AUG-2005 18:01:42	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18145	No
96	GOM_NL__2PRFIN20050819_180310_000000432040_00055_18145_5955.N1	19-AUG-2005 18:03:10	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	18145	No
97	GOM_NL__2PRFIN20050819_181000_000000452040_00055_18145_5956.N1	19-AUG-2005 18:10:00	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18145	No
98	GOM_NL__2PRFIN20050819_182049_000000392040_00056_18146_5949.N1	19-AUG-2005 18:20:49	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	18146	No
99	GOM_NL__2PRFIN20050819_182615_000000472040_00056_18146_5950.N1	19-AUG-2005 18:26:15	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	18146	No
100	GOM_NL__2PRFIN20050819_184709_000000372040_00056_18146_5951.N1	19-AUG-2005 18:47:09	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18146	No
101	GOM_NL__2PRFIN20050819_185714_000000332040_00056_18146_5952.N1	19-AUG-2005 18:57:14	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18146	No

102	GOM_NL__2PRFIN20050819_190954_000000362040_00056_18146_5953.N1	19-AUG-2005 19:09:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18146	No
103	GOM_NL__2PRFIN20050819_194045_000000522040_00056_18146_5954.N1	19-AUG-2005 19:40:45	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	18146	No
104	GOM_NL__2PRFIN20050819_194218_000000382040_00056_18146_5955.N1	19-AUG-2005 19:42:18	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18146	No
105	GOM_NL__2PRFIN20050819_194346_000000412040_00056_18146_5956.N1	19-AUG-2005 19:43:46	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18146	No
106	GOM_NL__2PRFIN20050819_195036_000000522040_00056_18146_5957.N1	19-AUG-2005 19:50:36	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18146	No
107	GOM_NL__2PRFIN20050819_200127_000000352040_00057_18147_5949.N1	19-AUG-2005 20:01:27	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	18147	No
108	GOM_NL__2PRFIN20050819_200651_000000382040_00057_18147_5950.N1	19-AUG-2005 20:06:51	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18147	No
109	GOM_NL__2PRFIN20050819_202746_000000372040_00057_18147_5951.N1	19-AUG-2005 20:27:46	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18147	No
110	GOM_NL__2PRFIN20050819_203751_000000332040_00057_18147_5952.N1	19-AUG-2005 20:37:51	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18147	No
111	GOM_NL__2PRFIN20050819_205030_000000362040_00057_18147_5953.N1	19-AUG-2005 20:50:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18147	No
112	GOM_NL__2PRFIN20050819_212122_000000472040_00057_18147_5954.N1	19-AUG-2005 21:21:22	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	18147	No
113	GOM_NL__2PRFIN20050819_212254_000000372040_00057_18147_5955.N1	19-AUG-2005 21:22:54	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18147	No
114	GOM_NL__2PRFIN20050819_212422_000000422040_00057_18147_5956.N1	19-AUG-2005 21:24:22	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18147	No
115	GOM_NL__2PRFIN20050819_213112_000000492040_00057_18147_5957.N1	19-AUG-2005 21:31:12	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	18147	No

3. Quality information per product

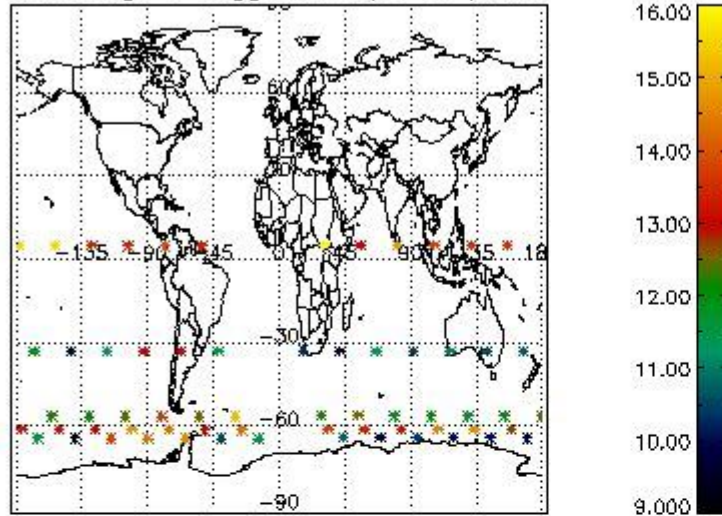
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

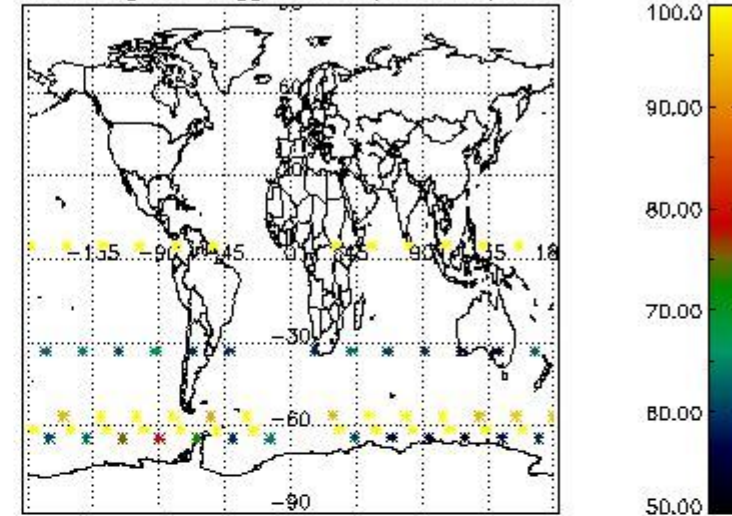


3.2 Plot quality information per product (world map)

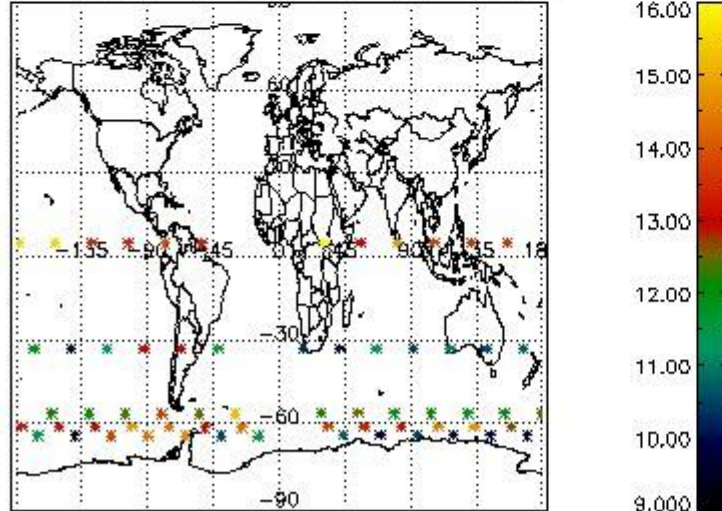
Percentage of flagged data per O3 profile



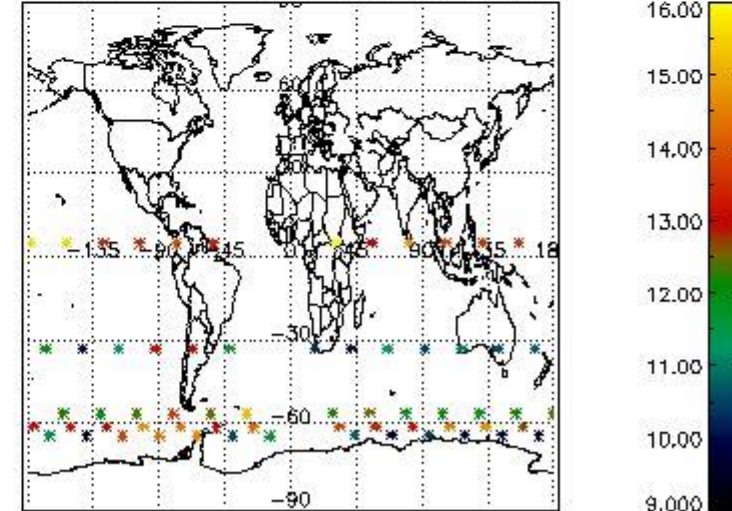
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

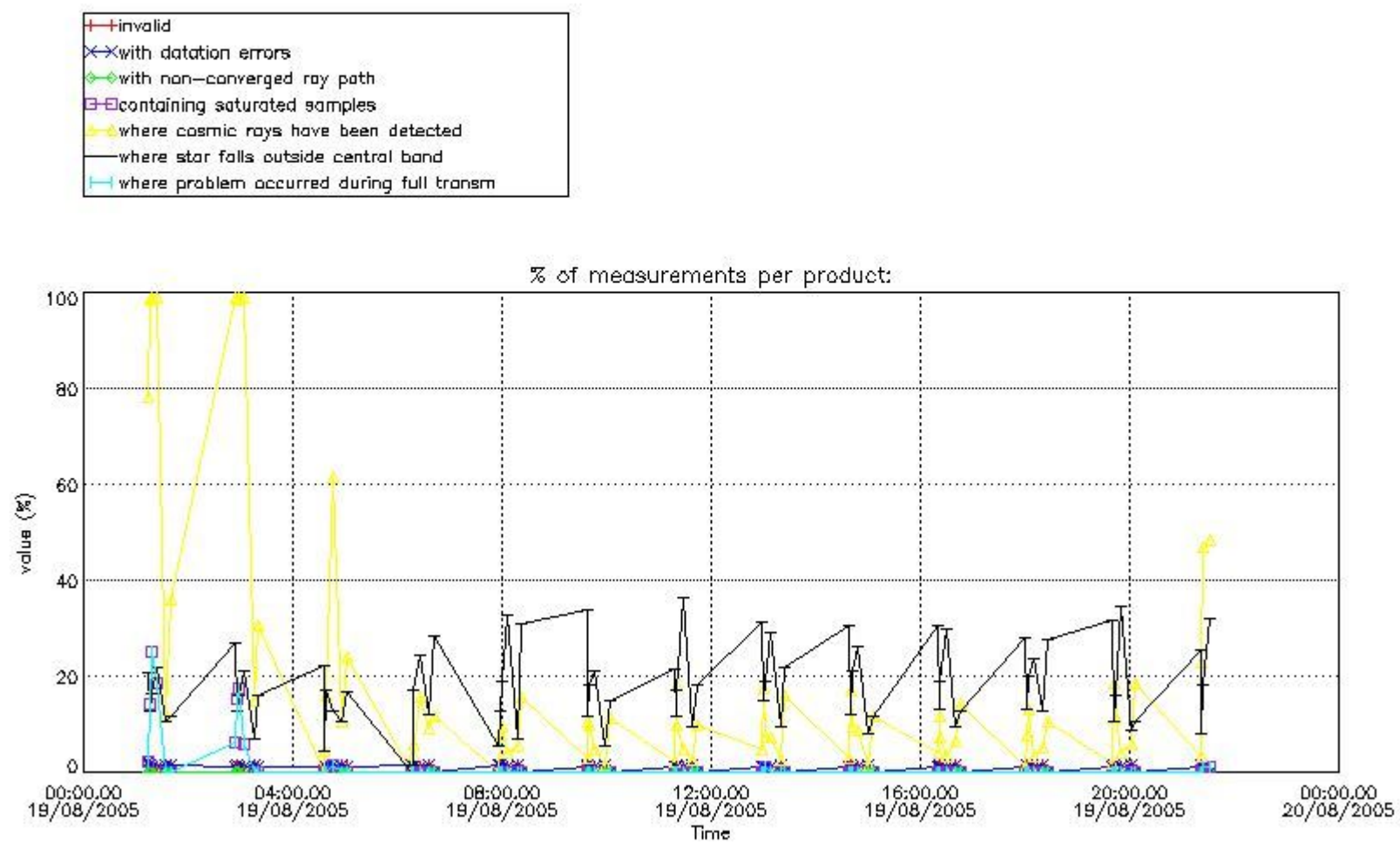


4. Level 1 quality information per product

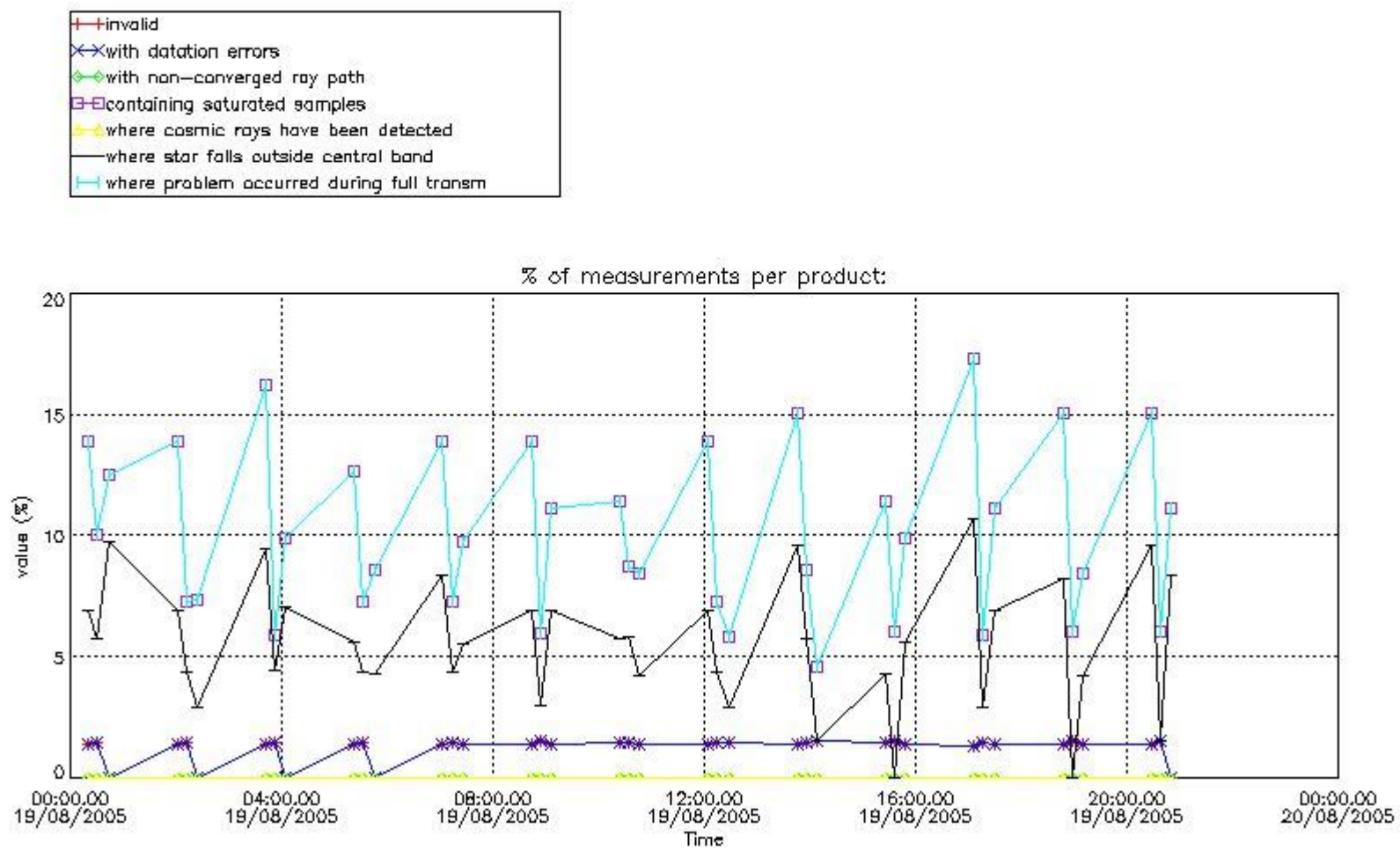
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



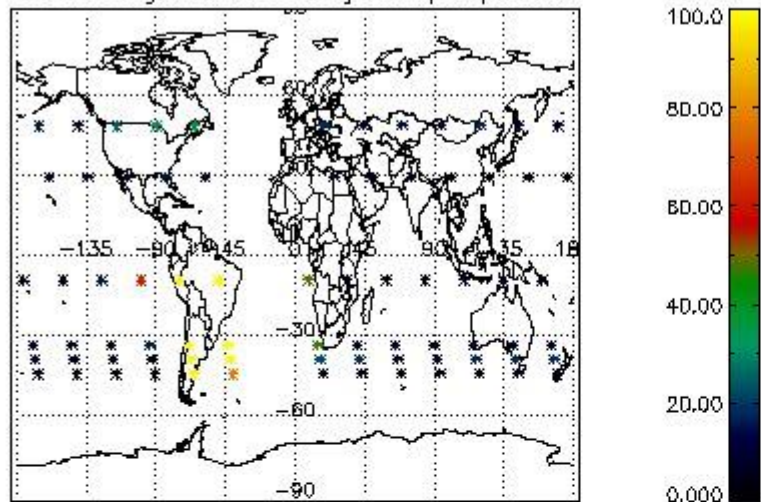
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



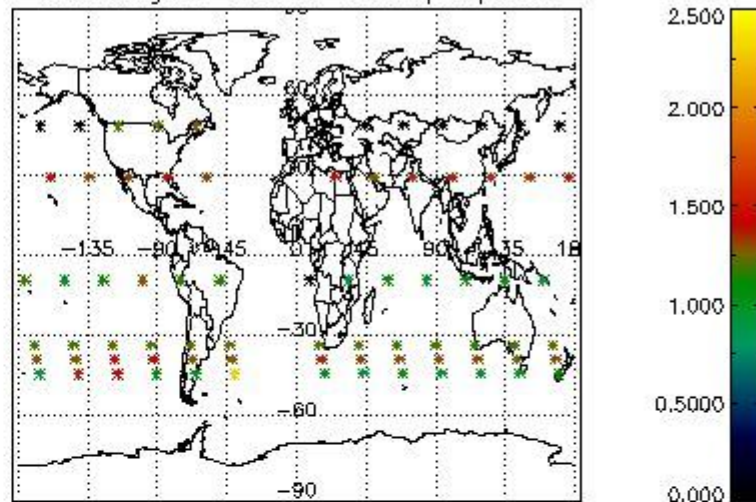
4.2 Plot quality information per product coming from level 1b processing (world map)

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

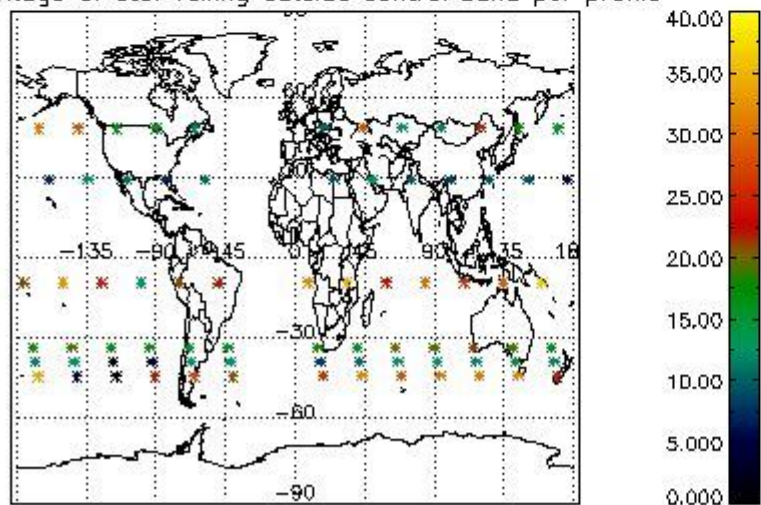
Percentage of cosmic ray hits per profile



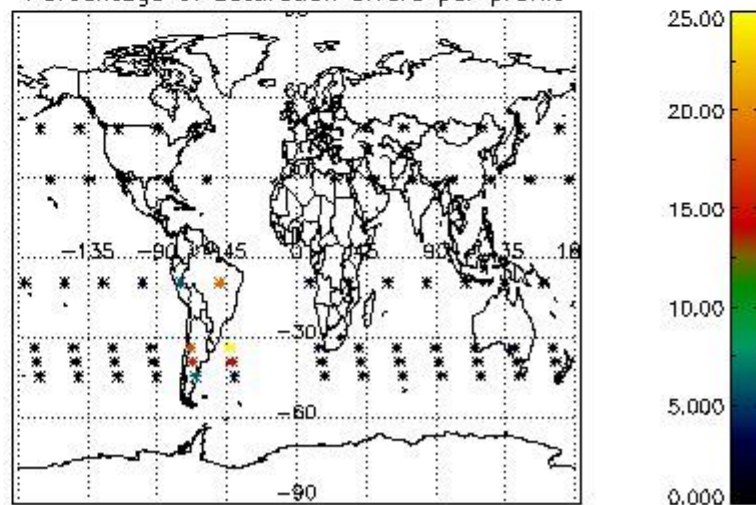
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

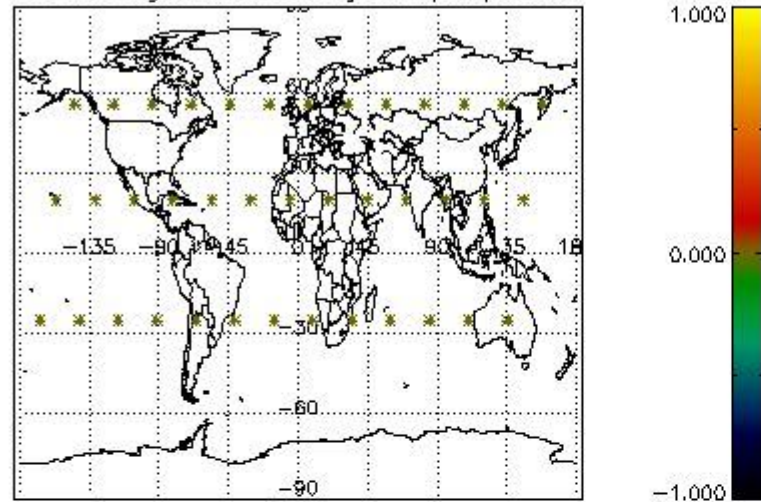


Percentage of saturation errors per profile

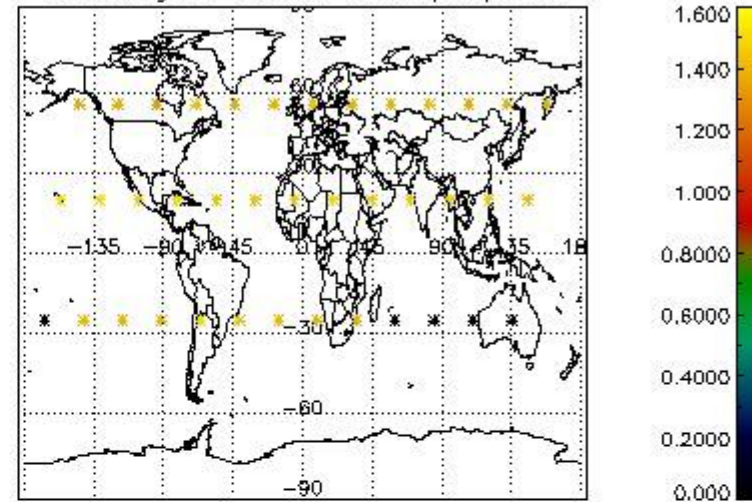


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

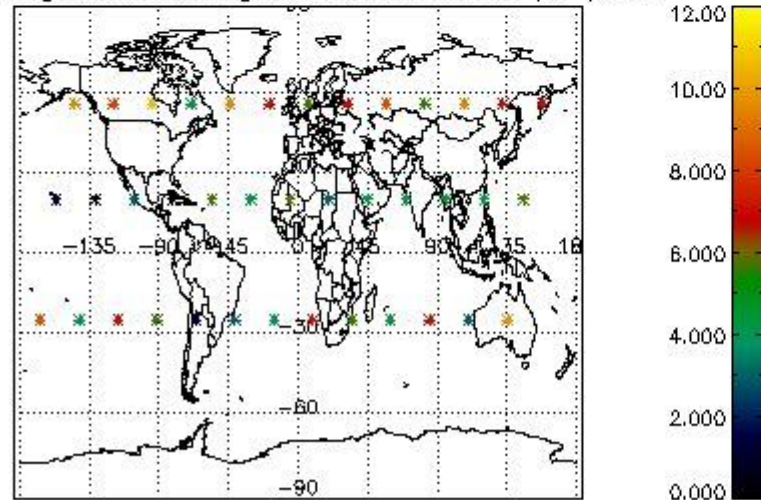
Percentage of cosmic ray hits per profile



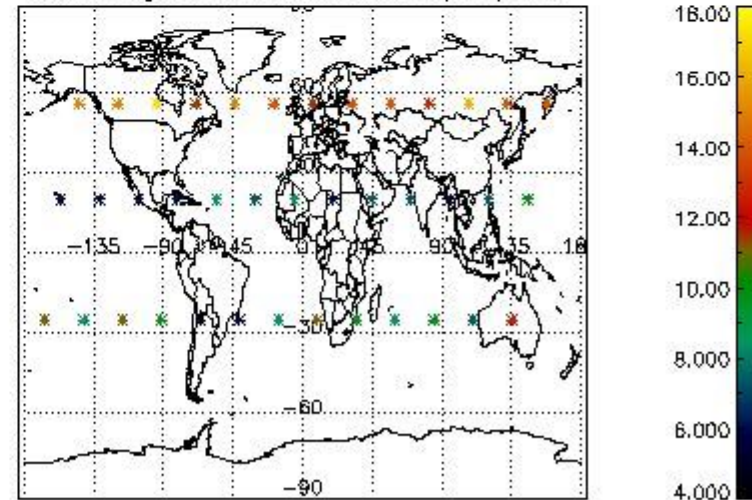
Percentage of datation errors per profile



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

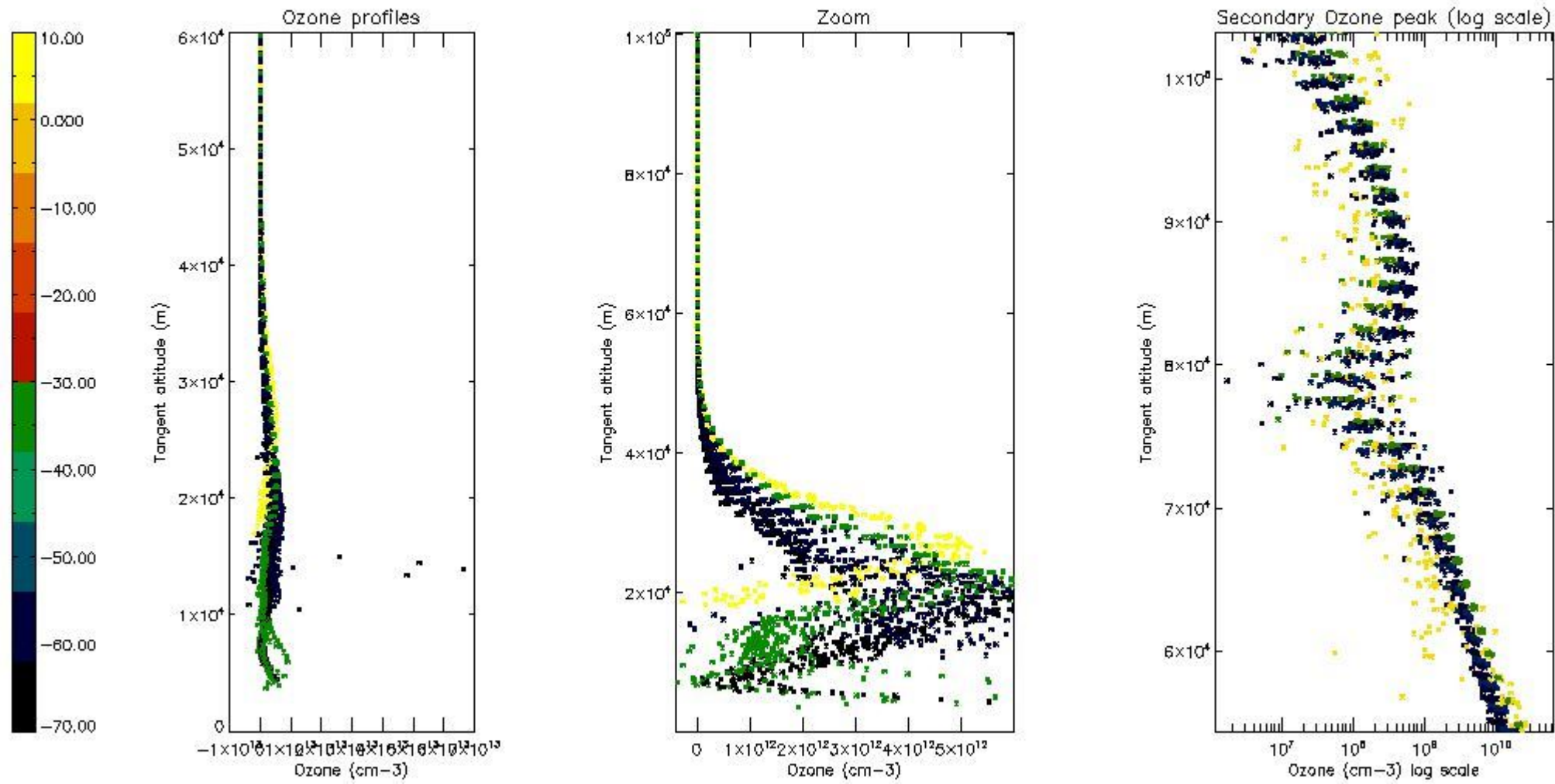
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	60
STD < 20	41

STD < 10	34
STD < 5	26

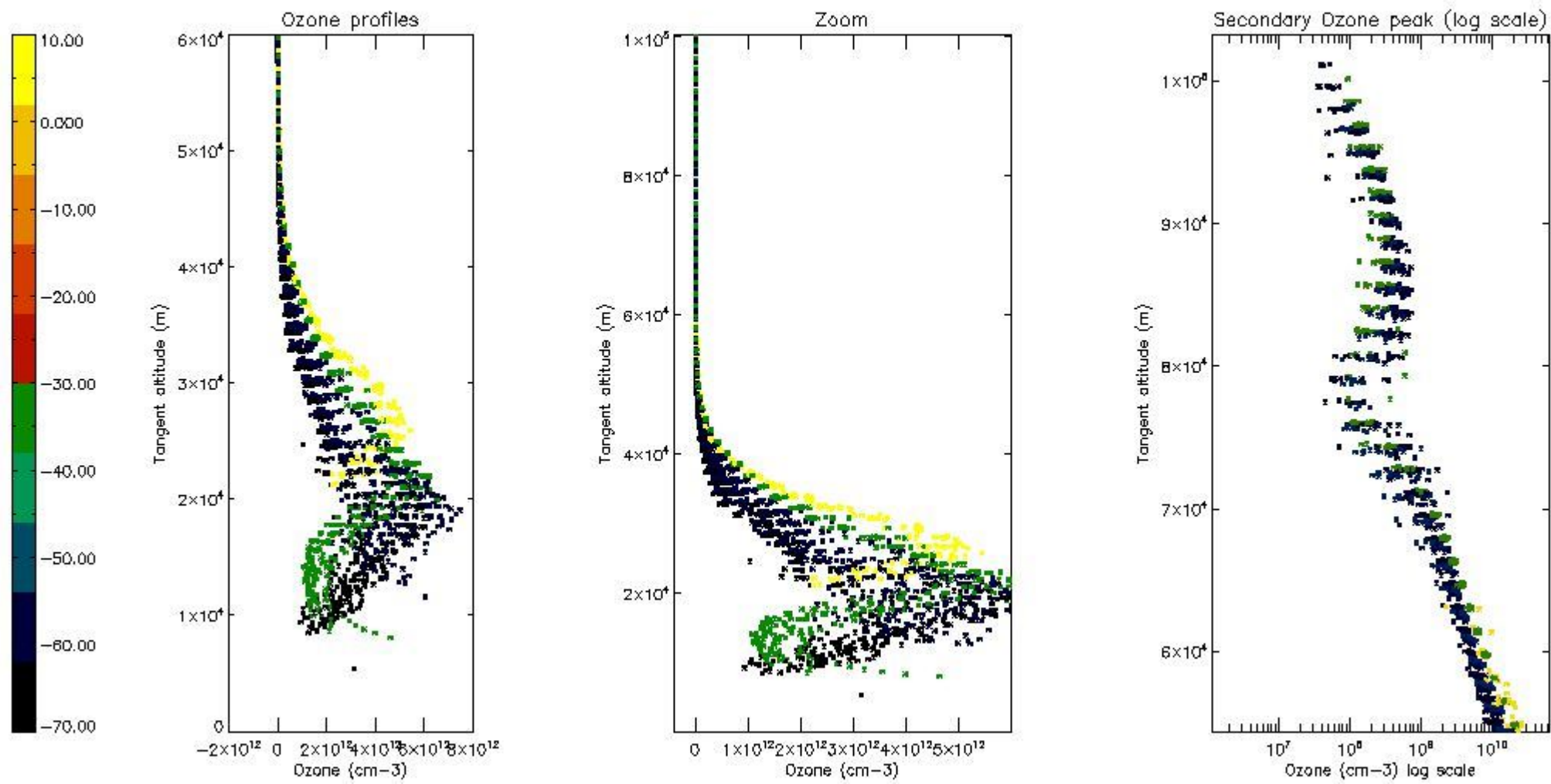
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



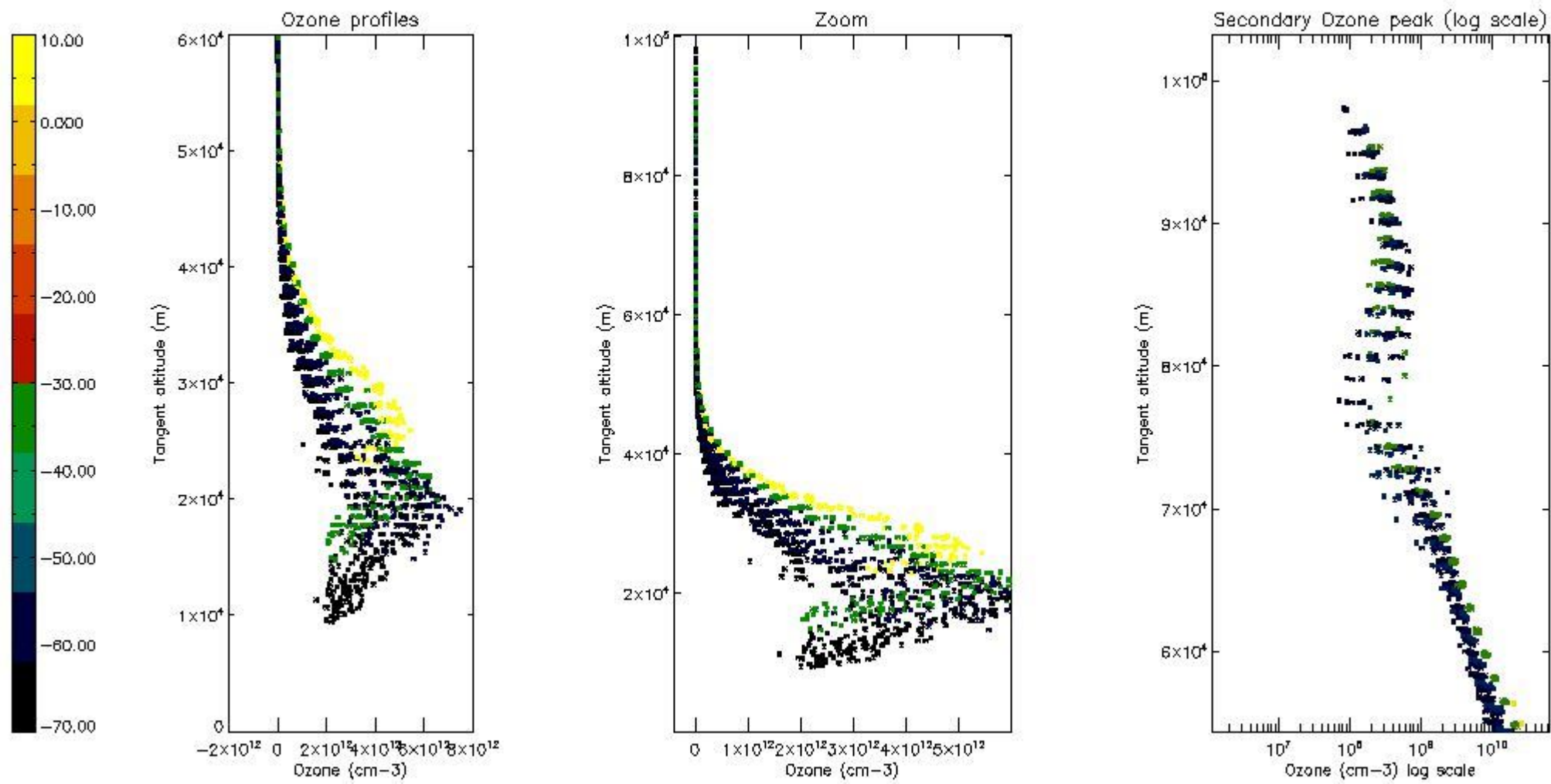
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



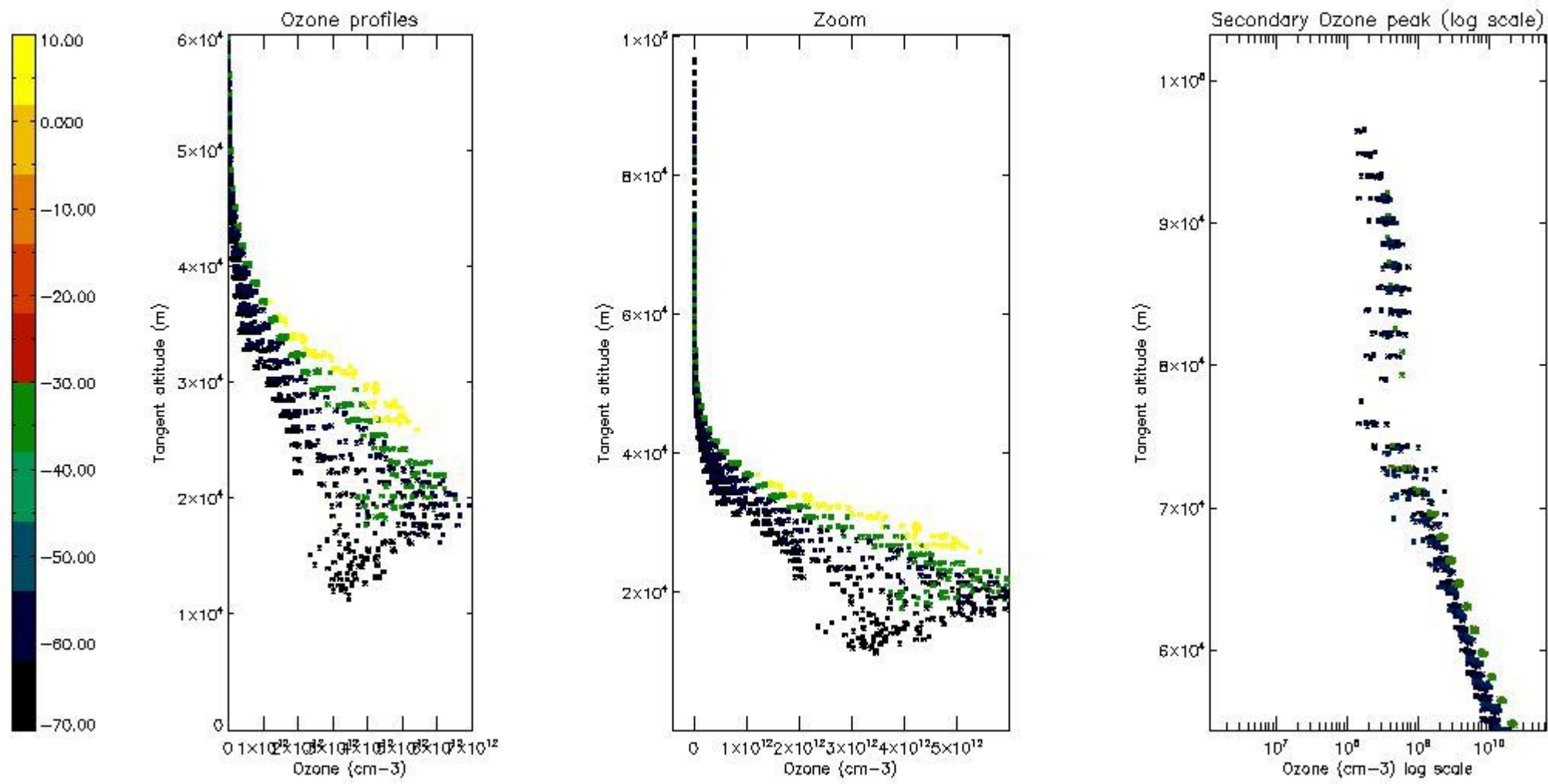
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



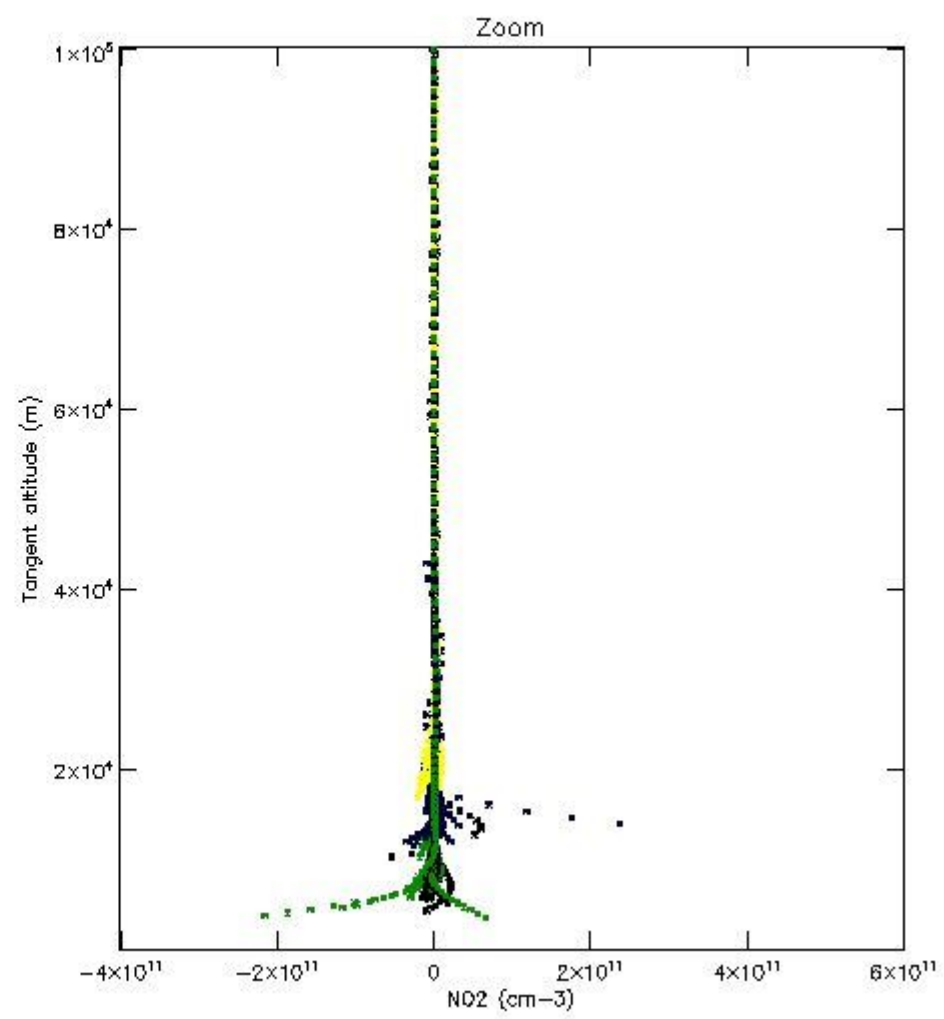
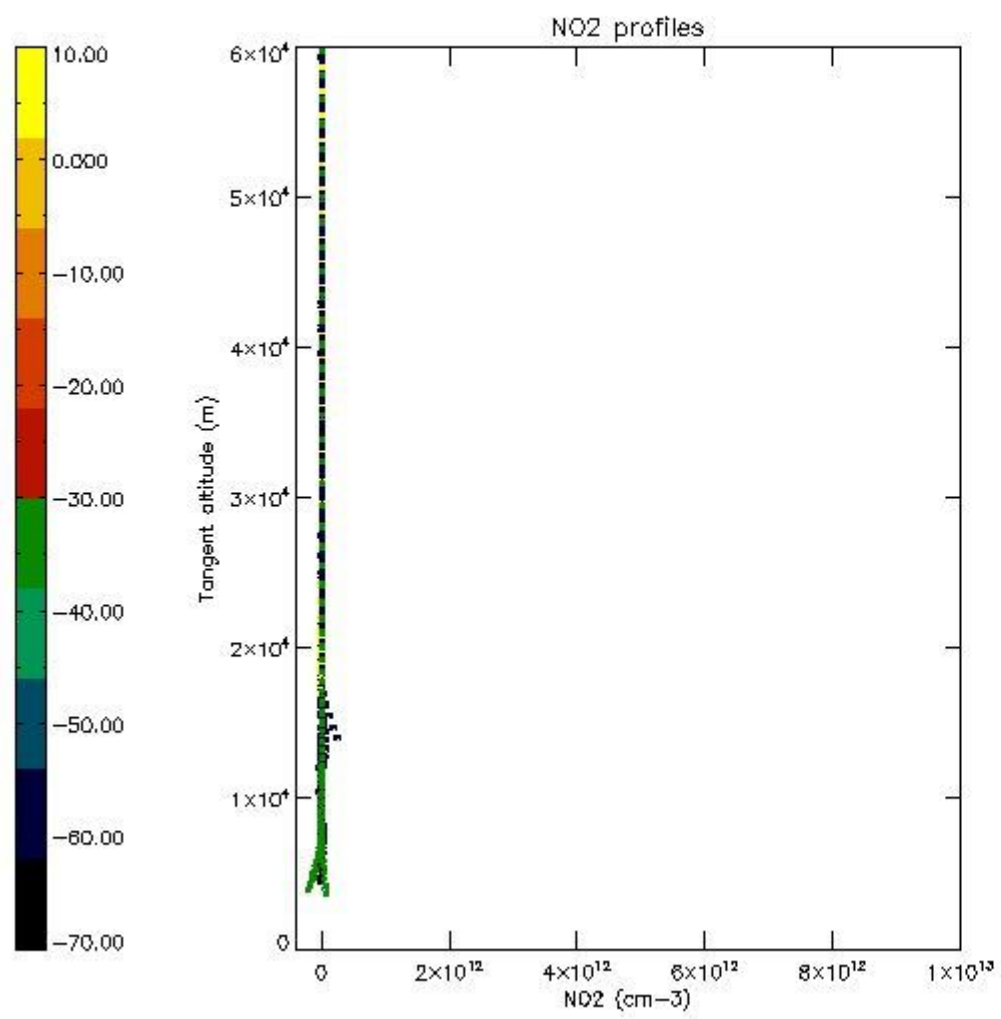
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



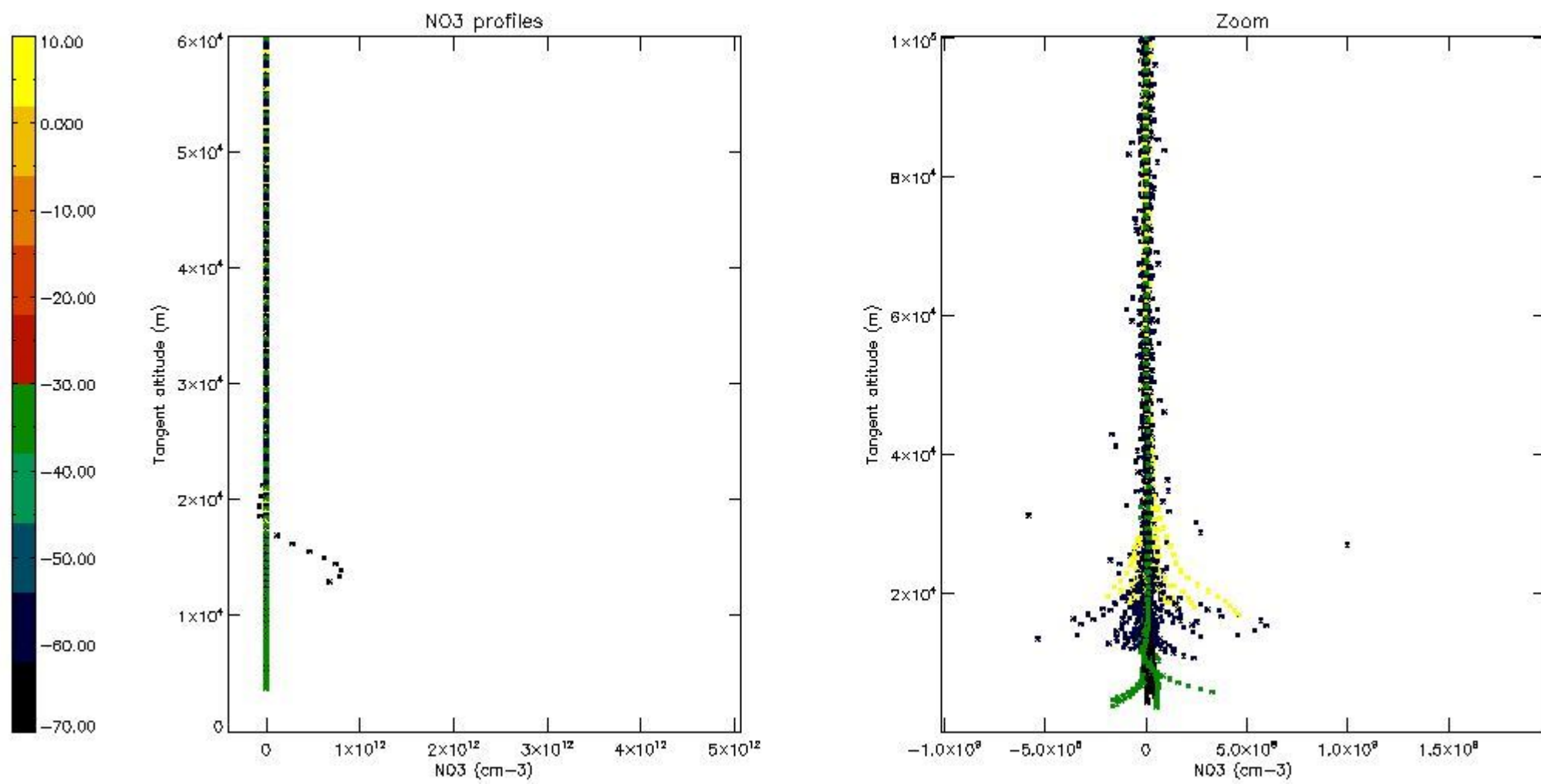
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



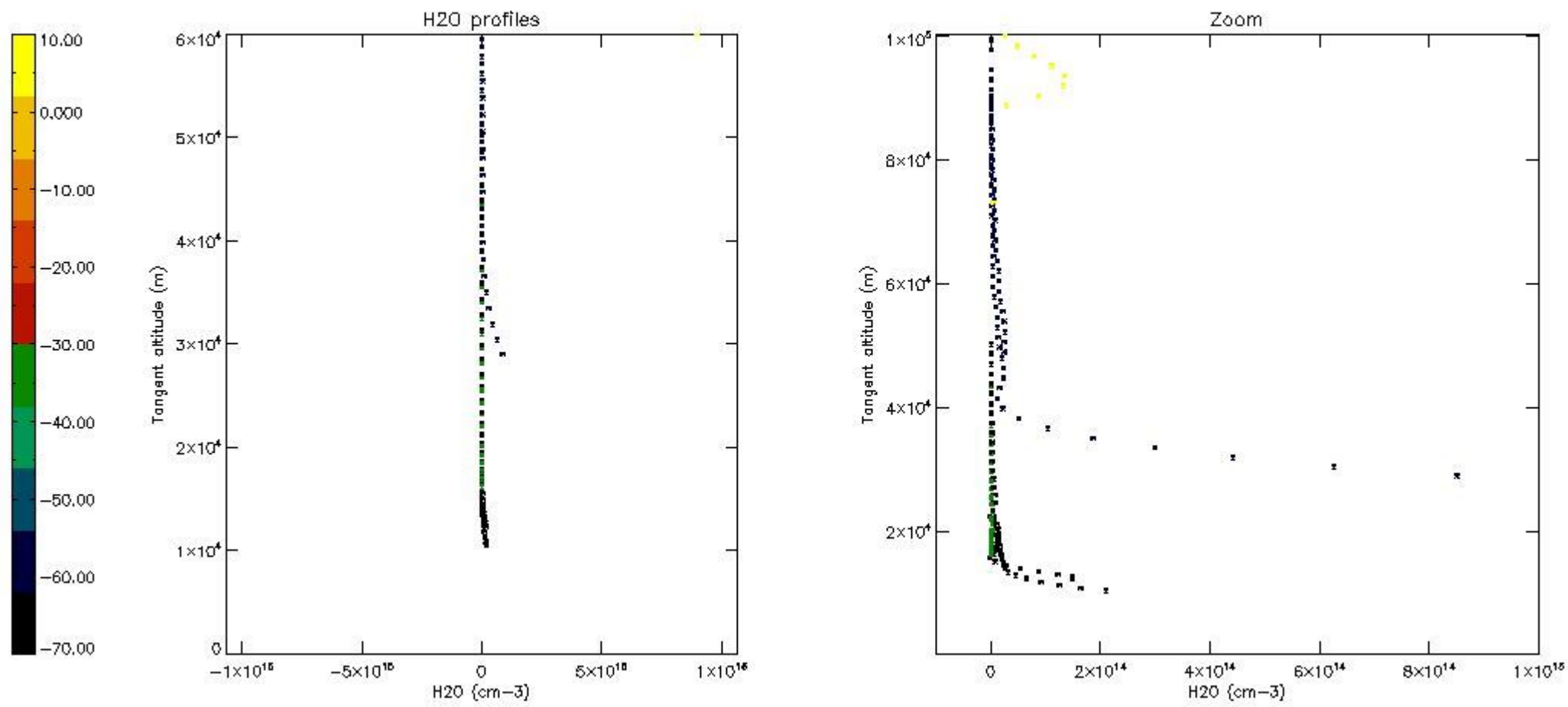
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-AUG-2005 00:20:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-AUG-2005 00:20:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-AUG-2005 00:20:32

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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[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	18APR2013 10:28:48
Data source version	GOMOS/6.01
Start time of products	19-08-2005 (19AUG2005 00:00:00)
Stop time of products	20-08-2005 (20AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	115
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__2PRFIN20050819_002032_000000362040_00045_18135_5917.N1	19-AUG-2005 00:20:32	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18135	No
2	GOM_NL__2PRFIN20050819_003038_000000352040_00045_18135_5918.N1	19-AUG-2005 00:30:38	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18135	No
3	GOM_NL__2PRFIN20050819_004319_000000362040_00045_18135_5919.N1	19-AUG-2005 00:43:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18135	No
4	GOM_NL__2PRFIN20050819_011406_000000442040_00045_18135_5920.N1	19-AUG-2005 01:14:06	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	18135	No
5	GOM_NL__2PRFIN20050819_011540_000000392040_00045_18135_5921.N1	19-AUG-2005 01:15:40	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18135	No
6	GOM_NL__2PRFIN20050819_011707_000000402040_00045_18135_5922.N1	19-AUG-2005 01:17:07	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	18135	No
7	GOM_NL__2PRFIN20050819_012357_000000442040_00045_18135_5923.N1	19-AUG-2005 01:23:57	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	18135	No
8	GOM_NL__2PRFIN20050819_013447_000000382040_00046_18136_5917.N1	19-AUG-2005 01:34:47	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18136	No
9	GOM_NL__2PRFIN20050819_014013_000000392040_00046_18136_5918.N1	19-AUG-2005 01:40:13	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18136	No
10	GOM_NL__2PRFIN20050819_020108_000000362040_00046_18136_5919.N1	19-AUG-2005 02:01:08	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18136	No
11	GOM_NL__2PRFIN20050819_021114_000000352040_00046_18136_5920.N1	19-AUG-2005 02:11:14	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18136	No
12	GOM_NL__2PRFIN20050819_022355_000000342040_00046_18136_5921.N1	19-AUG-2005 02:23:55	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	18136	No
13	GOM_NL__2PRFIN20050819_025442_000000482040_00046_18136_5922.N1	19-AUG-2005 02:54:42	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	18136	No
14	GOM_NL__2PRFIN20050819_025616_000000392040_00046_18136_5923.N1	19-AUG-2005 02:56:16	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18136	No
15	GOM_NL__2PRFIN20050819_025744_000000412040_00046_18136_5924.N1	19-AUG-2005 02:57:44	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18136	No
16	GOM_NL__2PRFIN20050819_030434_000000432040_00046_18136_5925.N1	19-AUG-2005 03:04:34	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18136	No
17	GOM_NL__2PRFIN20050819_031523_000000372040_00047_18137_5918.N1	19-AUG-2005 03:15:23	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18137	No
18	GOM_NL__2PRFIN20050819_032049_000000412040_00047_18137_5919.N1	19-AUG-2005 03:20:49	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	18137	No
19	GOM_NL__2PRFIN20050819_034145_000000372040_00047_18137_5920.N1	19-AUG-2005 03:41:45	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18137	No
20	GOM_NL__2PRFIN20050819_035150_000000342040_00047_18137_5921.N1	19-AUG-2005 03:51:50	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18137	No
21	GOM_NL__2PRFIN20050819_040431_000000362040_00047_18137_5922.N1	19-AUG-2005 04:04:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18137	No
22	GOM_NL__2PRFIN20050819_043518_000000452040_00047_18137_5923.N1	19-AUG-2005 04:35:18	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	18137	No
23	GOM_NL__2PRFIN20050819_043652_000000362040_00047_18137_5924.N1	19-AUG-2005 04:36:52	Dark	35.500	179	24Omi2CMa	3.0320	24000.	71	18137	No
24	GOM_NL__2PRFIN20050819_043820_000000412040_00047_18137_5925.N1	19-AUG-2005 04:38:20	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18137	No
25	GOM_NL__2PRFIN20050819_044510_000000392040_00047_18137_5926.N1	19-AUG-2005 04:45:10	Dark	39.000	2	Alp Car	-0.73600	7000.0	78	18137	No
26	GOM_NL__2PRFIN20050819_045600_000000382040_00048_18138_5919.N1	19-AUG-2005 04:56:00	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18138	No
27	GOM_NL__2PRFIN20050819_050125_000000422040_00048_18138_5920.N1	19-AUG-2005 05:01:25	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18138	No
28	GOM_NL__2PRFIN20050819_052221_000000362040_00048_18138_5921.N1	19-AUG-2005 05:22:21	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18138	No
29	GOM_NL__2PRFIN20050819_053226_000000352040_00048_18138_5922.N1	19-AUG-2005 05:32:26	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18138	No
30	GOM_NL__2PRFIN20050819_054507_000000352040_00048_18138_5923.N1	19-AUG-2005 05:45:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18138	No
31	GOM_NL__2PRFIN20050819_061555_000000362040_00048_18138_5924.N1	19-AUG-2005 06:15:55	Dark	35.500	1	9Alp CMa	-1.4400	11000.	71	18138	No
32	GOM_NL__2PRFIN20050819_061729_000000352040_00048_18138_5925.N1	19-AUG-2005 06:17:29	Dark	34.500	179	24Omi2CMa	3.0320	24000.	69	18138	No
33	GOM_NL__2PRFIN20050819_061856_000000412040_00048_18138_5926.N1	19-AUG-2005 06:18:56	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18138	No
34	GOM_NL__2PRFIN20050819_062546_000000452040_00048_18138_5927.N1	19-AUG-2005 06:25:46	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	18138	No
35	GOM_NL__2PRFIN20050819_063636_000000382040_00049_18139_5921.N1	19-AUG-2005 06:36:36	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18139	No
36	GOM_NL__2PRFIN20050819_064201_000000482040_00049_18139_5922.N1	19-AUG-2005 06:42:01	Straylight	47.500	148	Alp Tuc	2.8780	4100.0	95	18139	No
37	GOM_NL__2PRFIN20050819_070257_000000362040_00049_18139_5923.N1	19-AUG-2005 07:02:57	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18139	No
38	GOM_NL__2PRFIN20050819_071303_000000352040_00049_18139_5924.N1	19-AUG-2005 07:13:03	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18139	No
39	GOM_NL__2PRFIN20050819_072543_000000362040_00049_18139_5925.N1	19-AUG-2005 07:25:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18139	No
40	GOM_NL__2PRFIN20050819_075631_000000372040_00049_18139_5926.N1	19-AUG-2005 07:56:31	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	18139	No
41	GOM_NL__2PRFIN20050819_075805_000000392040_00049_18139_5927.N1	19-AUG-2005 07:58:05	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18139	No
42	GOM_NL__2PRFIN20050819_075932_000000422040_00049_18139_5928.N1	19-AUG-2005 07:59:32	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18139	No

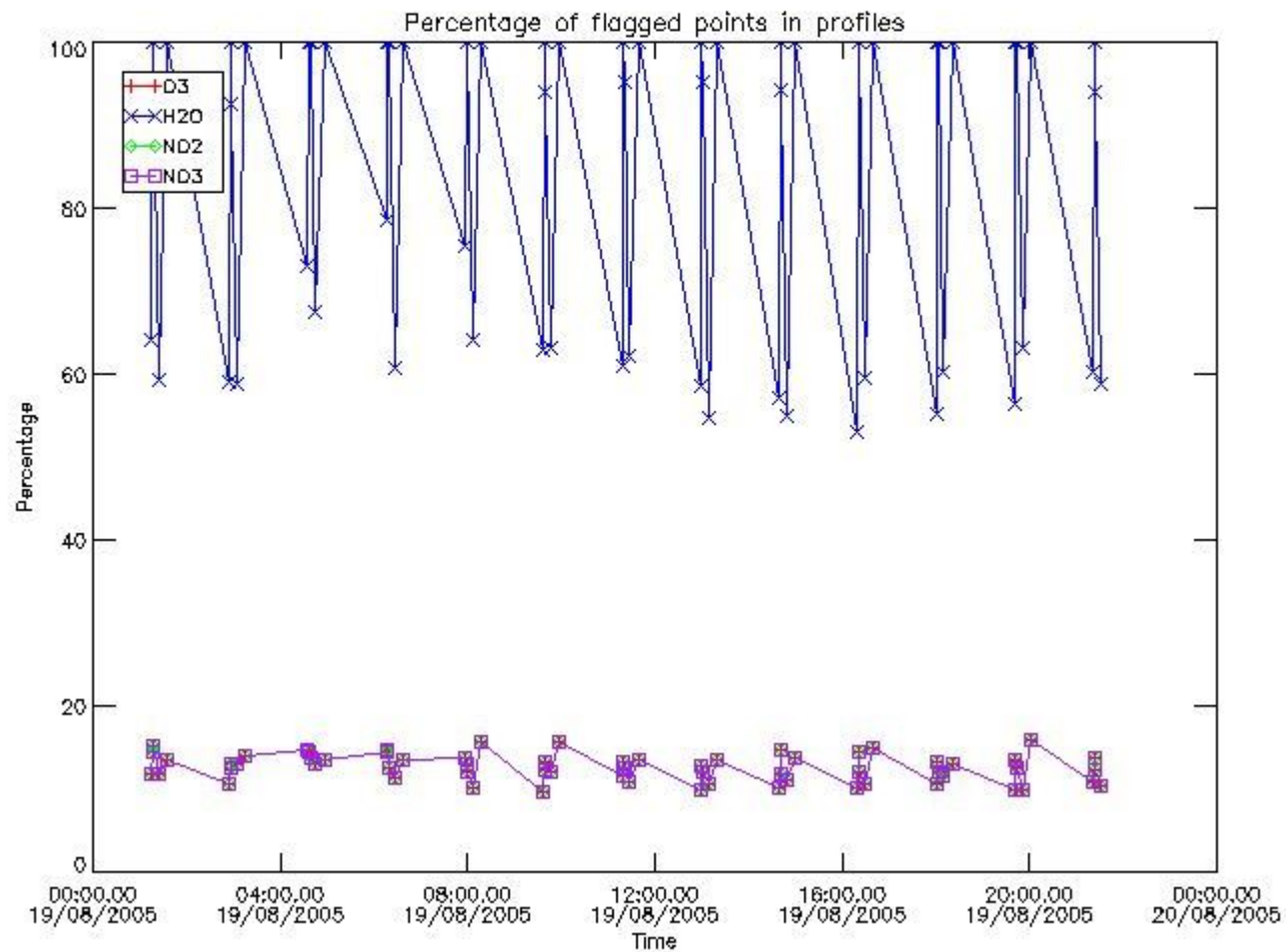
43	GOM_NL__2PRFIN20050819_080623_000000512040_00049_18139_5929.N1	19-AUG-2005 08:06:23	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	18139	No
44	GOM_NL__2PRFIN20050819_081712_000000362040_00050_18140_5923.N1	19-AUG-2005 08:17:12	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18140	No
45	GOM_NL__2PRFIN20050819_082238_000000492040_00050_18140_5924.N1	19-AUG-2005 08:22:38	Straylight	48.500	148	Alp Tuc	2.8780	4100.0	97	18140	No
46	GOM_NL__2PRFIN20050819_084333_000000362040_00050_18140_5925.N1	19-AUG-2005 08:43:33	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18140	No
47	GOM_NL__2PRFIN20050819_085339_000000342040_00050_18140_5926.N1	19-AUG-2005 08:53:39	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	18140	No
48	GOM_NL__2PRFIN20050819_090619_000000362040_00050_18140_5927.N1	19-AUG-2005 09:06:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18140	No
49	GOM_NL__2PRFIN20050819_093707_000000532040_00050_18140_5928.N1	19-AUG-2005 09:37:07	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	18140	No
50	GOM_NL__2PRFIN20050819_093841_000000392040_00050_18140_5929.N1	19-AUG-2005 09:38:41	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18140	No
51	GOM_NL__2PRFIN20050819_094009_000000422040_00050_18140_5930.N1	19-AUG-2005 09:40:09	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18140	No
52	GOM_NL__2PRFIN20050819_094659_000000432040_00050_18140_5931.N1	19-AUG-2005 09:46:59	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	18140	No
53	GOM_NL__2PRFIN20050819_095748_000000362040_00051_18141_5925.N1	19-AUG-2005 09:57:48	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18141	No
54	GOM_NL__2PRFIN20050819_100314_000000402040_00051_18141_5926.N1	19-AUG-2005 10:03:14	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18141	No
55	GOM_NL__2PRFIN20050819_102409_000000352040_00051_18141_5927.N1	19-AUG-2005 10:24:09	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18141	No
56	GOM_NL__2PRFIN20050819_103415_000000352040_00051_18141_5928.N1	19-AUG-2005 10:34:15	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18141	No
57	GOM_NL__2PRFIN20050819_104655_000000362040_00051_18141_5929.N1	19-AUG-2005 10:46:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18141	No
58	GOM_NL__2PRFIN20050819_111744_000000442040_00051_18141_5930.N1	19-AUG-2005 11:17:44	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	18141	No
59	GOM_NL__2PRFIN20050819_111917_000000392040_00051_18141_5931.N1	19-AUG-2005 11:19:17	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18141	No
60	GOM_NL__2PRFIN20050819_112045_000000412040_00051_18141_5932.N1	19-AUG-2005 11:20:45	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18141	No
61	GOM_NL__2PRFIN20050819_112735_000000522040_00051_18141_5933.N1	19-AUG-2005 11:27:35	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18141	No
62	GOM_NL__2PRFIN20050819_113824_000000382040_00052_18142_5926.N1	19-AUG-2005 11:38:24	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18142	No
63	GOM_NL__2PRFIN20050819_114350_000000422040_00052_18142_5927.N1	19-AUG-2005 11:43:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18142	No
64	GOM_NL__2PRFIN20050819_120445_000000362040_00052_18142_5928.N1	19-AUG-2005 12:04:45	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18142	No
65	GOM_NL__2PRFIN20050819_121450_000000352040_00052_18142_5929.N1	19-AUG-2005 12:14:50	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18142	No
66	GOM_NL__2PRFIN20050819_122731_000000352040_00052_18142_5930.N1	19-AUG-2005 12:27:31	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18142	No
67	GOM_NL__2PRFIN20050819_125820_000000512040_00052_18142_5931.N1	19-AUG-2005 12:58:20	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	18142	No
68	GOM_NL__2PRFIN20050819_125953_000000402040_00052_18142_5932.N1	19-AUG-2005 12:59:53	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	18142	No
69	GOM_NL__2PRFIN20050819_130121_000000422040_00052_18142_5933.N1	19-AUG-2005 13:01:21	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18142	No
70	GOM_NL__2PRFIN20050819_130811_000000482040_00052_18142_5934.N1	19-AUG-2005 13:08:11	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18142	No
71	GOM_NL__2PRFIN20050819_131900_000000382040_00053_18143_5927.N1	19-AUG-2005 13:19:00	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18143	No
72	GOM_NL__2PRFIN20050819_132426_000000442040_00053_18143_5928.N1	19-AUG-2005 13:24:26	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	18143	No
73	GOM_NL__2PRFIN20050819_134521_000000372040_00053_18143_5929.N1	19-AUG-2005 13:45:21	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18143	No
74	GOM_NL__2PRFIN20050819_135526_000000352040_00053_18143_5930.N1	19-AUG-2005 13:55:26	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18143	No
75	GOM_NL__2PRFIN20050819_140807_000000332040_00053_18143_5931.N1	19-AUG-2005 14:08:07	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	18143	No
76	GOM_NL__2PRFIN20050819_143856_000000512040_00053_18143_5932.N1	19-AUG-2005 14:38:56	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	18143	No
77	GOM_NL__2PRFIN20050819_144030_000000382040_00053_18143_5933.N1	19-AUG-2005 14:40:30	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18143	No
78	GOM_NL__2PRFIN20050819_144157_000000432040_00053_18143_5934.N1	19-AUG-2005 14:41:57	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18143	No
79	GOM_NL__2PRFIN20050819_144847_000000462040_00053_18143_5935.N1	19-AUG-2005 14:48:47	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	18143	No
80	GOM_NL__2PRFIN20050819_145936_000000372040_00054_18144_5928.N1	19-AUG-2005 14:59:36	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18144	No
81	GOM_NL__2PRFIN20050819_150502_000000392040_00054_18144_5929.N1	19-AUG-2005 15:05:02	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18144	No
82	GOM_NL__2PRFIN20050819_152557_000000352040_00054_18144_5930.N1	19-AUG-2005 15:25:57	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18144	No
83	GOM_NL__2PRFIN20050819_153602_000000332040_00054_18144_5931.N1	19-AUG-2005 15:36:02	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18144	No
84	GOM_NL__2PRFIN20050819_154842_000000362040_00054_18144_5932.N1	19-AUG-2005 15:48:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18144	No
85	GOM_NL__2PRFIN20050819_161933_000000512040_00054_18144_5933.N1	19-AUG-2005 16:19:33	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	18144	No
86	GOM_NL__2PRFIN20050819_162106_000000392040_00054_18144_5934.N1	19-AUG-2005 16:21:06	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18144	No
87	GOM_NL__2PRFIN20050819_162234_000000422040_00054_18144_5935.N1	19-AUG-2005 16:22:34	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18144	No
88	GOM_NL__2PRFIN20050819_162924_000000492040_00054_18144_5936.N1	19-AUG-2005 16:29:24	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	18144	No
89	GOM_NL__2PRFIN20050819_164013_000000382040_00055_18145_5948.N1	19-AUG-2005 16:40:13	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18145	No
90	GOM_NL__2PRFIN20050819_164539_000000392040_00055_18145_5949.N1	19-AUG-2005 16:45:39	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18145	No
91	GOM_NL__2PRFIN20050819_170633_000000382040_00055_18145_5950.N1	19-AUG-2005 17:06:33	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18145	No
92	GOM_NL__2PRFIN20050819_171639_000000342040_00055_18145_5951.N1	19-AUG-2005 17:16:39	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18145	No
93	GOM_NL__2PRFIN20050819_172918_000000362040_00055_18145_5952.N1	19-AUG-2005 17:29:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18145	No
94	GOM_NL__2PRFIN20050819_180009_000000492040_00055_18145_5953.N1	19-AUG-2005 18:00:09	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	18145	No
95	GOM_NL__2PRFIN20050819_180142_000000392040_00055_18145_5954.N1	19-AUG-2005 18:01:42	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18145	No
96	GOM_NL__2PRFIN20050819_180310_000000432040_00055_18145_5955.N1	19-AUG-2005 18:03:10	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	18145	No
97	GOM_NL__2PRFIN20050819_181000_000000452040_00055_18145_5956.N1	19-AUG-2005 18:10:00	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18145	No
98	GOM_NL__2PRFIN20050819_182049_000000392040_00056_18146_5949.N1	19-AUG-2005 18:20:49	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	18146	No
99	GOM_NL__2PRFIN20050819_182615_000000472040_00056_18146_5950.N1	19-AUG-2005 18:26:15	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	18146	No
100	GOM_NL__2PRFIN20050819_184709_000000372040_00056_18146_5951.N1	19-AUG-2005 18:47:09	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18146	No
101	GOM_NL__2PRFIN20050819_185714_000000332040_00056_18146_5952.N1	19-AUG-2005 18:57:14	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18146	No

102	GOM_NL__2PRFIN20050819_190954_000000362040_00056_18146_5953.N1	19-AUG-2005 19:09:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18146	No
103	GOM_NL__2PRFIN20050819_194045_000000522040_00056_18146_5954.N1	19-AUG-2005 19:40:45	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	18146	No
104	GOM_NL__2PRFIN20050819_194218_000000382040_00056_18146_5955.N1	19-AUG-2005 19:42:18	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18146	No
105	GOM_NL__2PRFIN20050819_194346_000000412040_00056_18146_5956.N1	19-AUG-2005 19:43:46	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18146	No
106	GOM_NL__2PRFIN20050819_195036_000000522040_00056_18146_5957.N1	19-AUG-2005 19:50:36	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18146	No
107	GOM_NL__2PRFIN20050819_200127_000000352040_00057_18147_5949.N1	19-AUG-2005 20:01:27	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	18147	No
108	GOM_NL__2PRFIN20050819_200651_000000382040_00057_18147_5950.N1	19-AUG-2005 20:06:51	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18147	No
109	GOM_NL__2PRFIN20050819_202746_000000372040_00057_18147_5951.N1	19-AUG-2005 20:27:46	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18147	No
110	GOM_NL__2PRFIN20050819_203751_000000332040_00057_18147_5952.N1	19-AUG-2005 20:37:51	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18147	No
111	GOM_NL__2PRFIN20050819_205030_000000362040_00057_18147_5953.N1	19-AUG-2005 20:50:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18147	No
112	GOM_NL__2PRFIN20050819_212122_000000472040_00057_18147_5954.N1	19-AUG-2005 21:21:22	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	18147	No
113	GOM_NL__2PRFIN20050819_212254_000000372040_00057_18147_5955.N1	19-AUG-2005 21:22:54	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18147	No
114	GOM_NL__2PRFIN20050819_212422_000000422040_00057_18147_5956.N1	19-AUG-2005 21:24:22	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18147	No
115	GOM_NL__2PRFIN20050819_213112_000000492040_00057_18147_5957.N1	19-AUG-2005 21:31:12	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	18147	No

3. Quality information per product

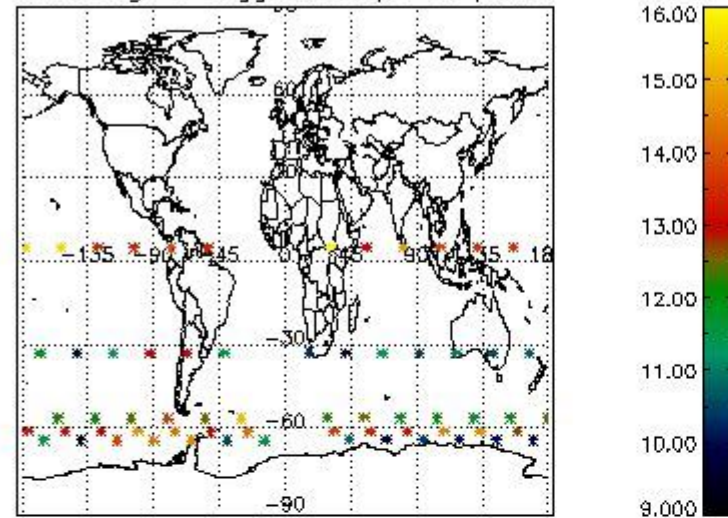
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

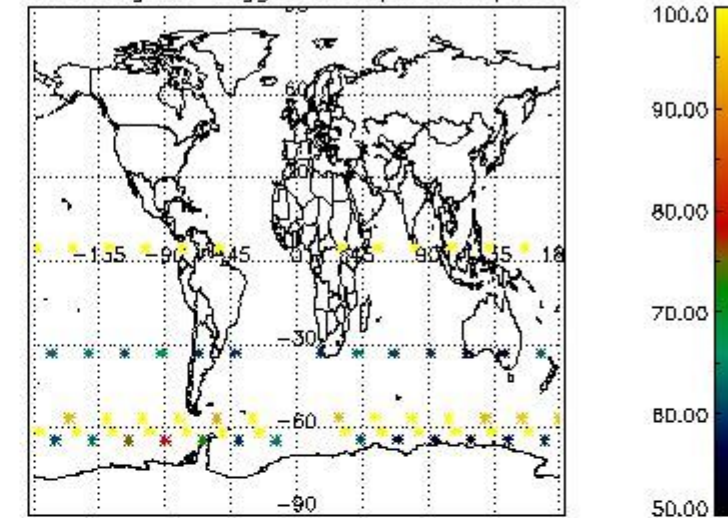


3.2 Plot quality information per product (world map)

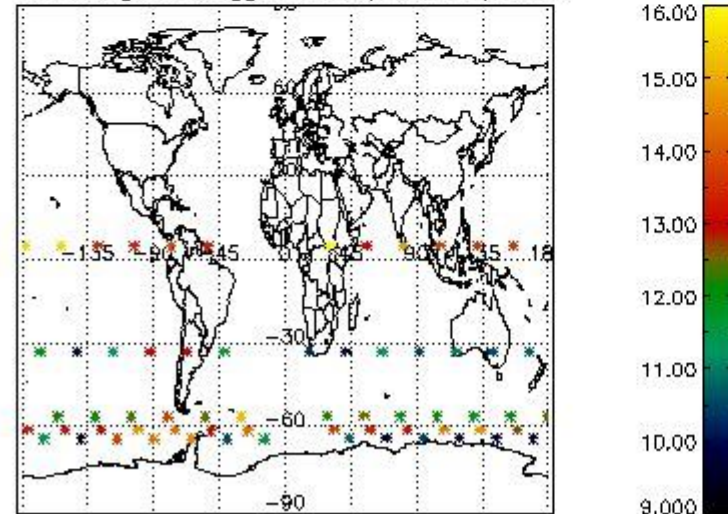
Percentage of flagged data per O3 profile



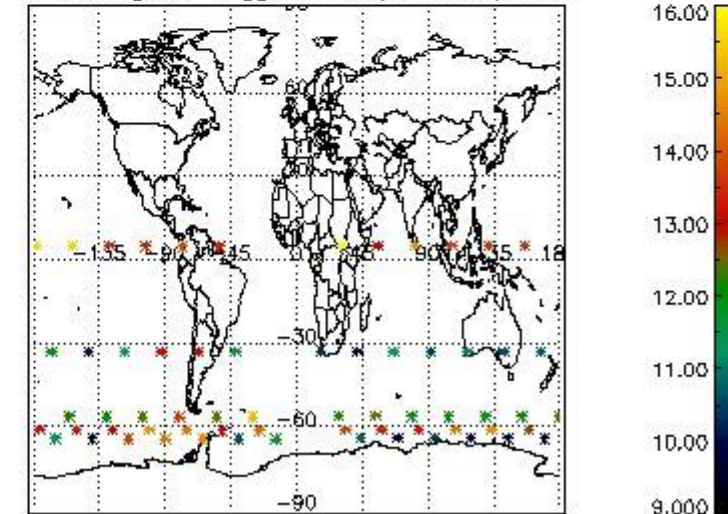
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

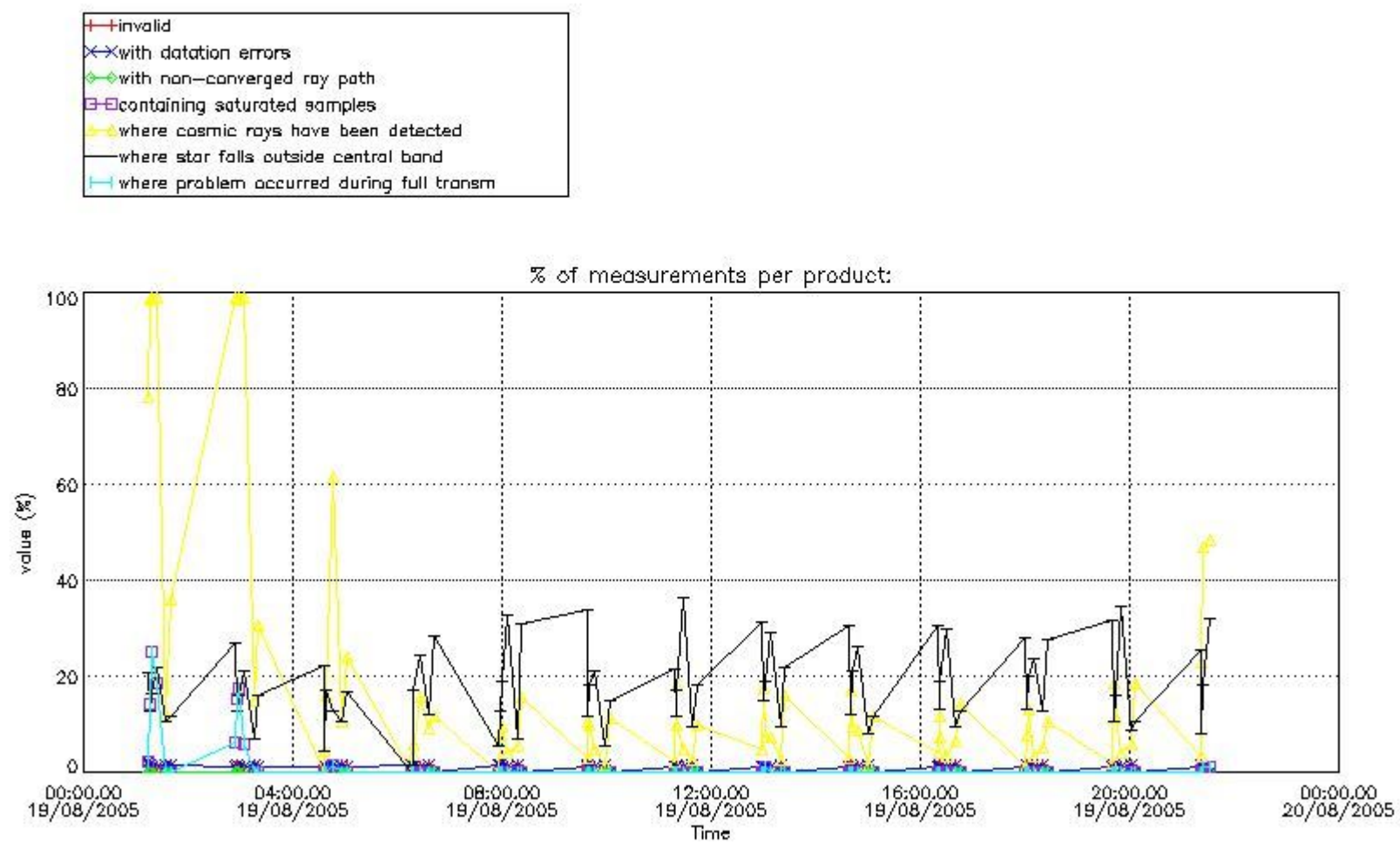


4. Level 1 quality information per product

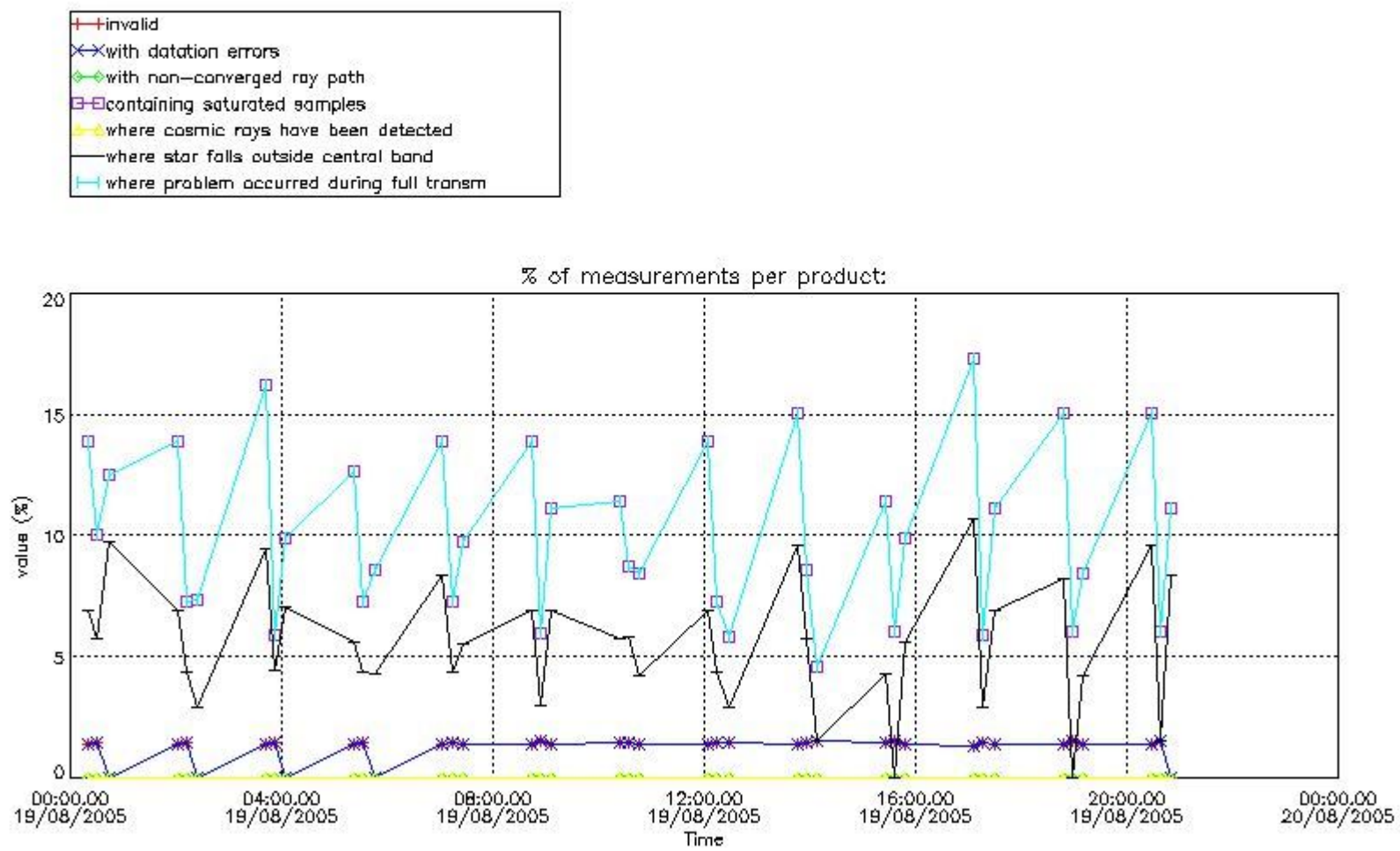
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



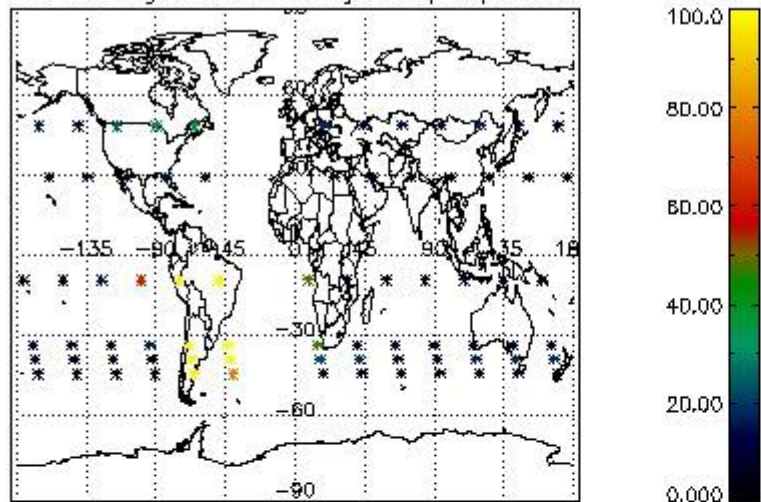
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



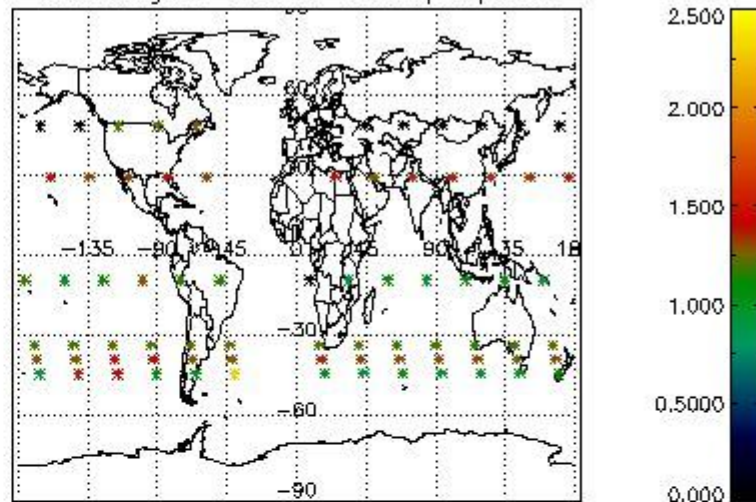
4.2 Plot quality information per product coming from level 1b processing (world map)

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

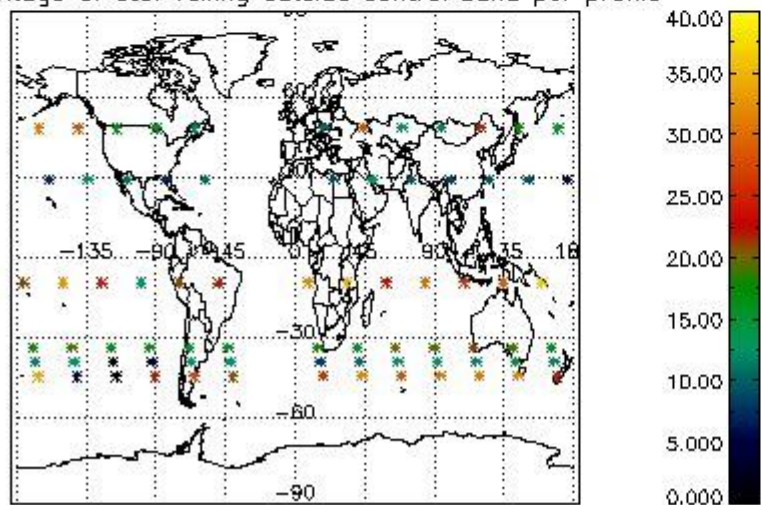
Percentage of cosmic ray hits per profile



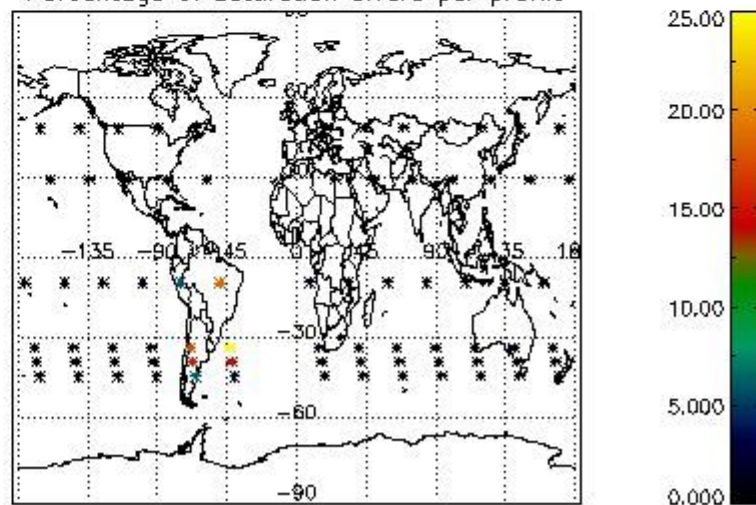
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

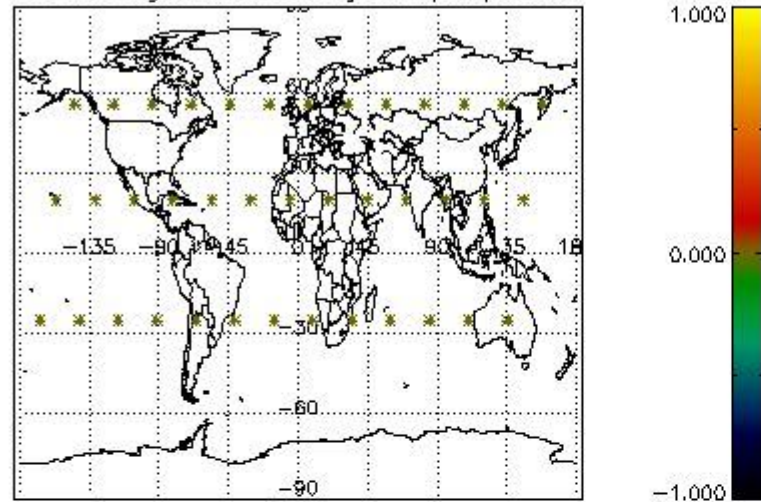


Percentage of saturation errors per profile

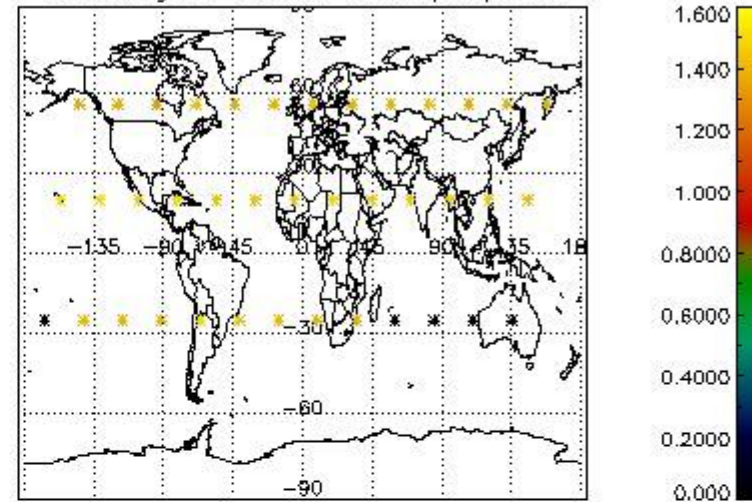


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

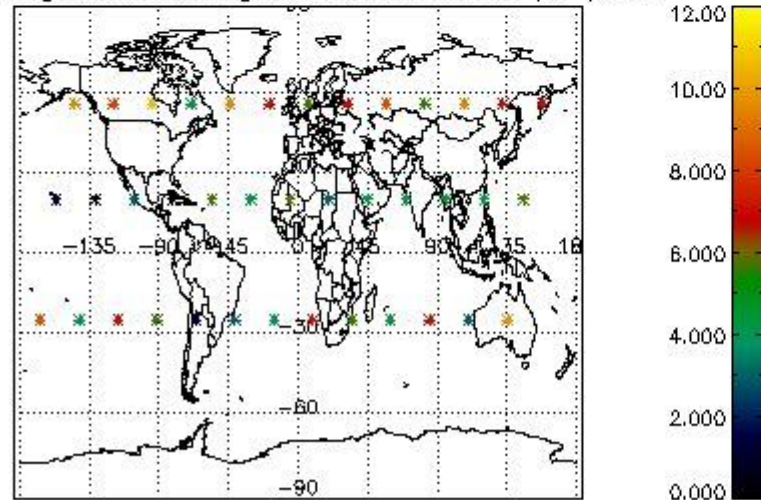
Percentage of cosmic ray hits per profile



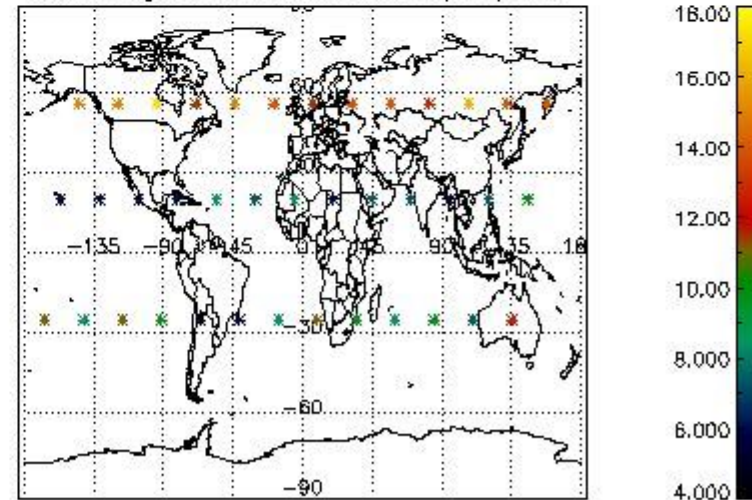
Percentage of datation errors per profile



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

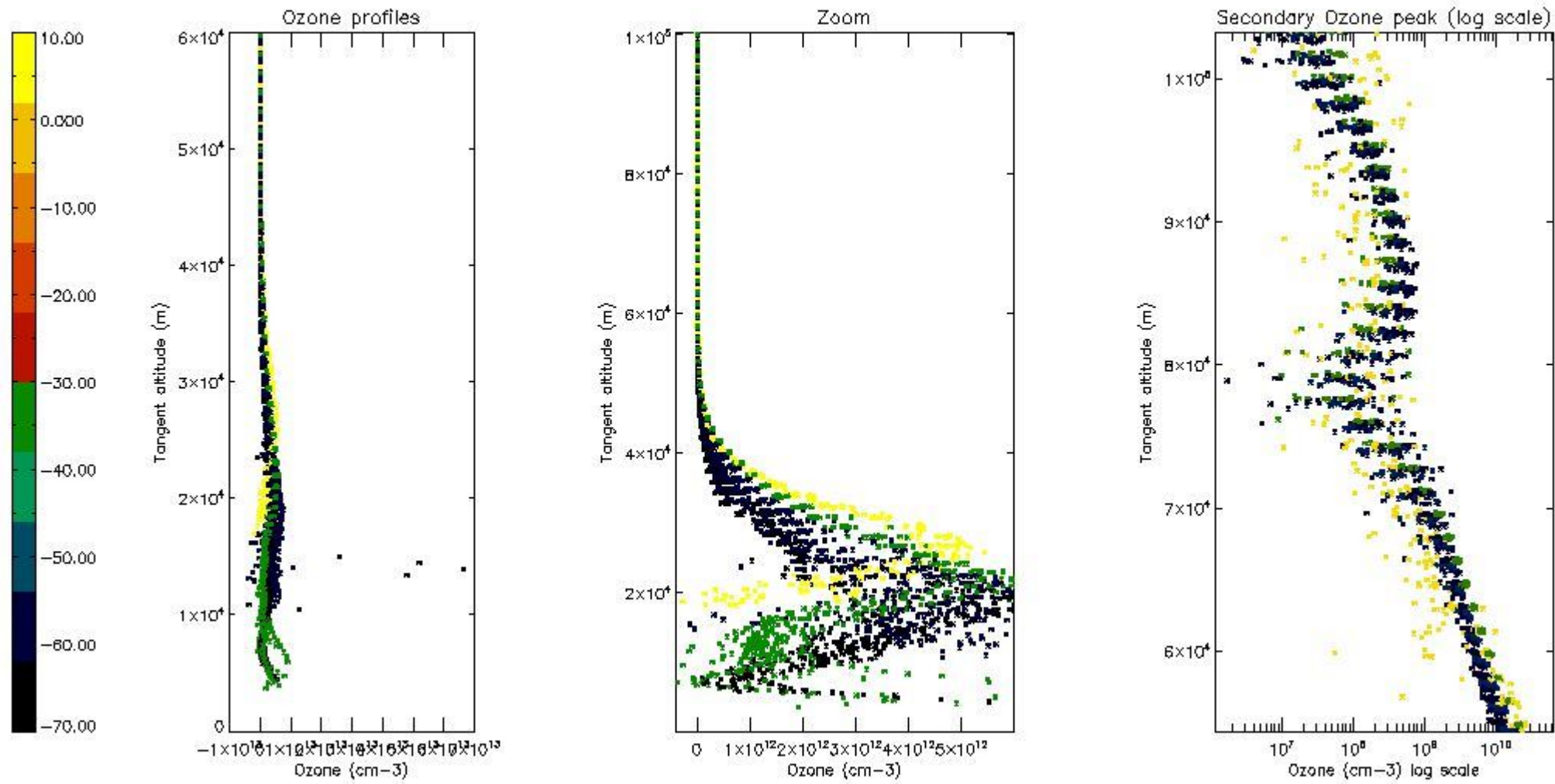
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	60
STD < 20	41

STD < 10	34
STD < 5	26

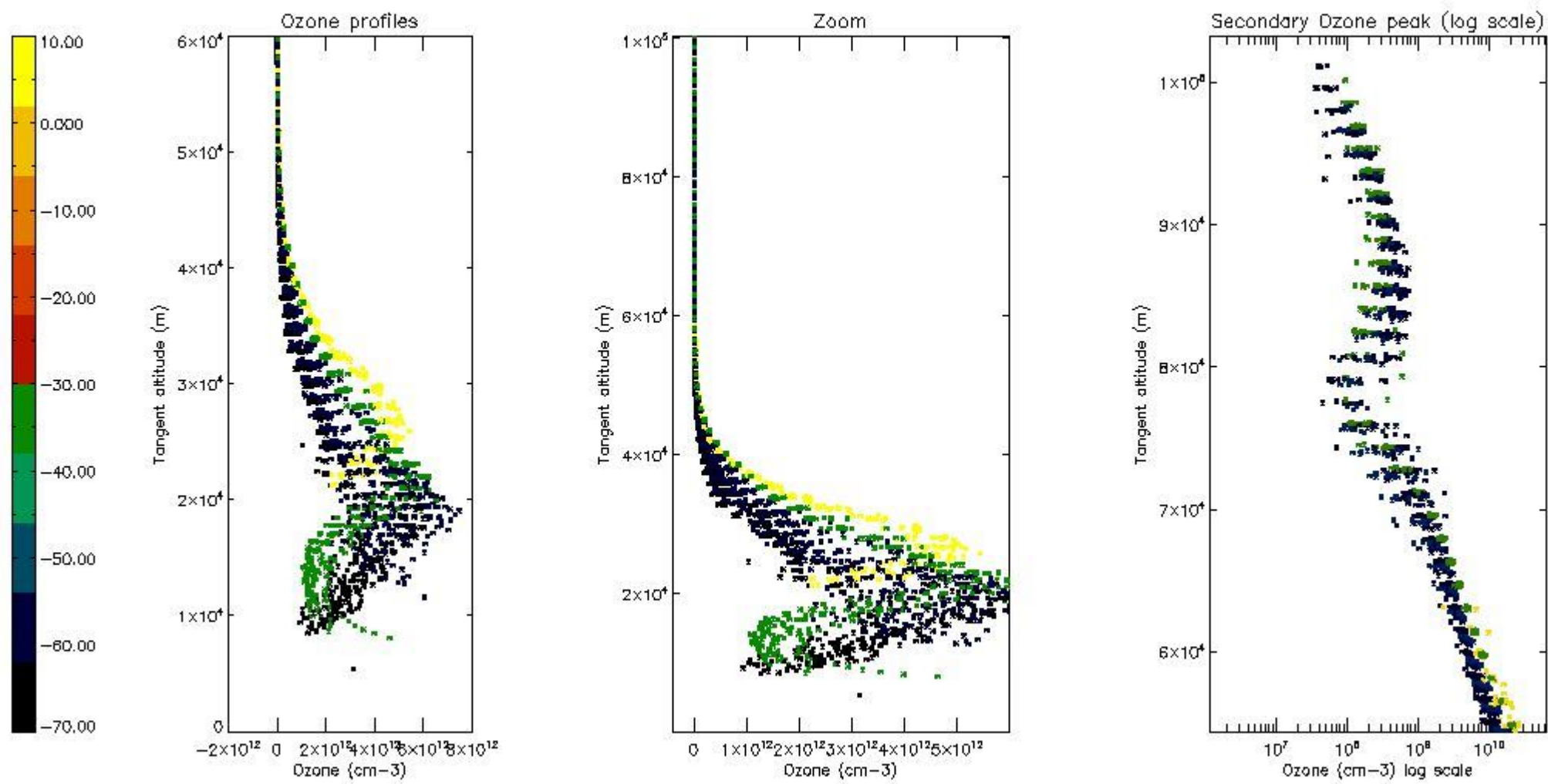
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



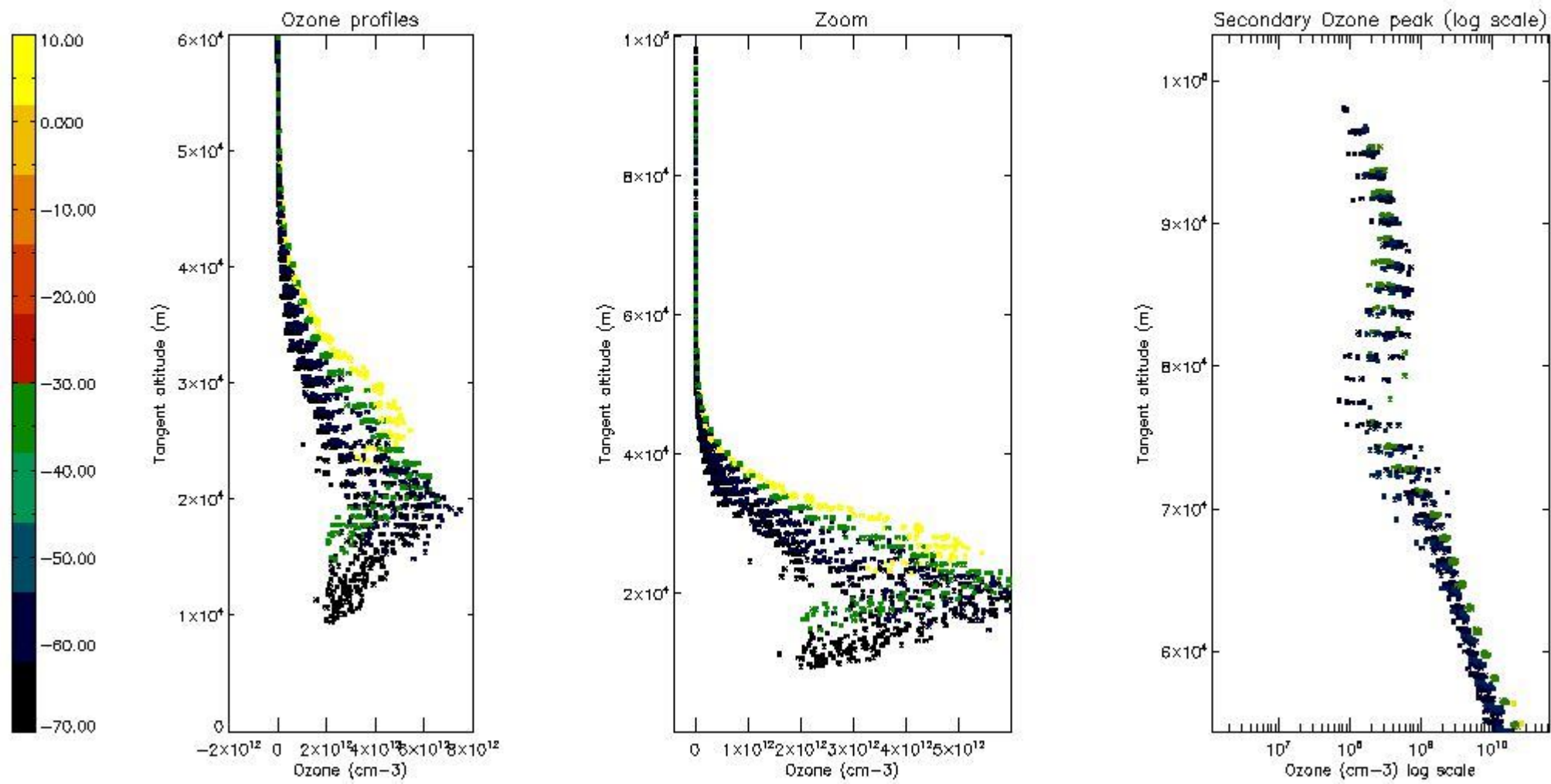
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



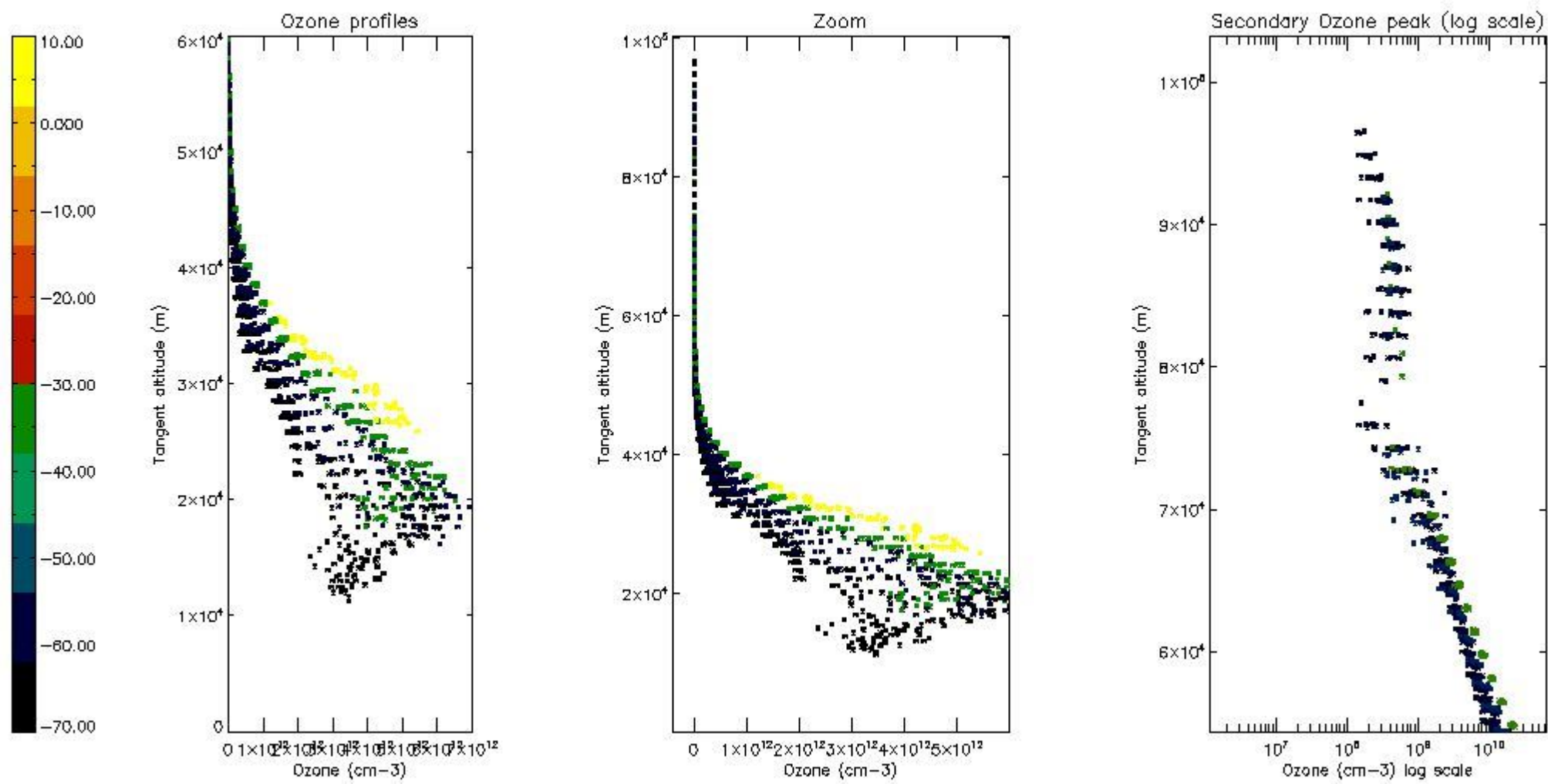
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



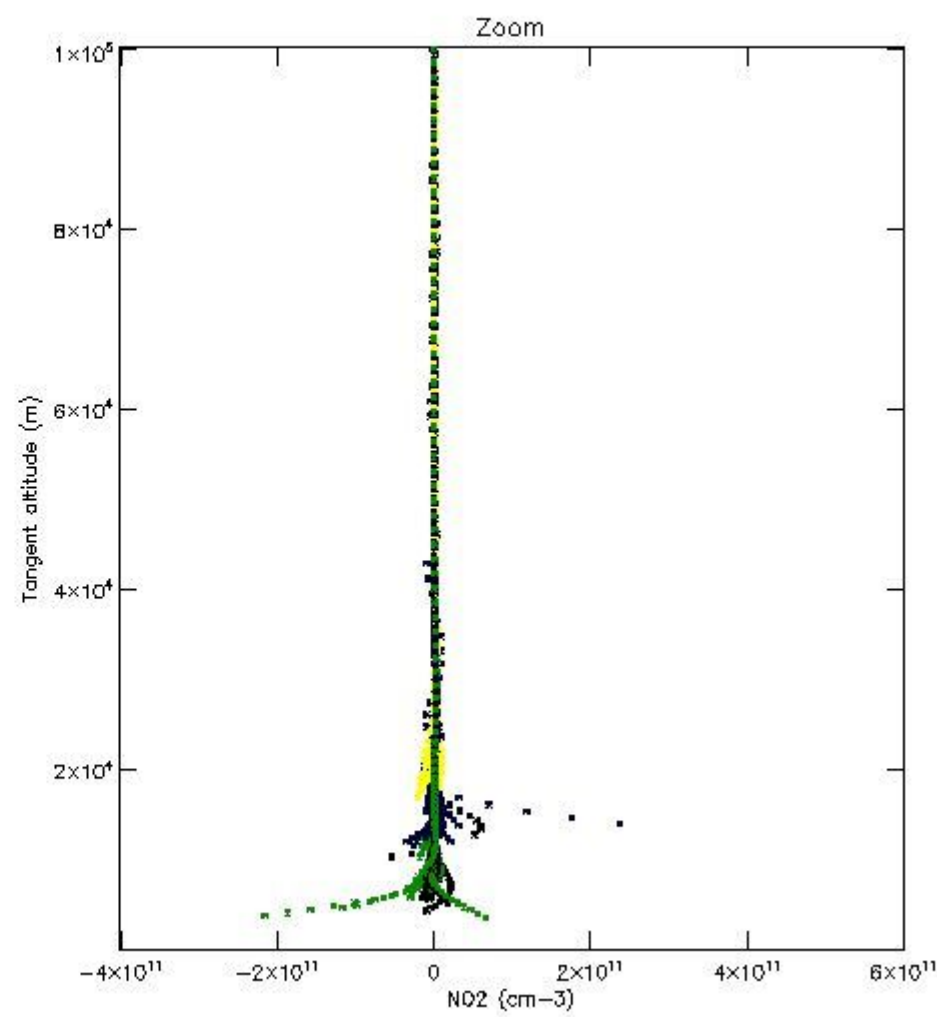
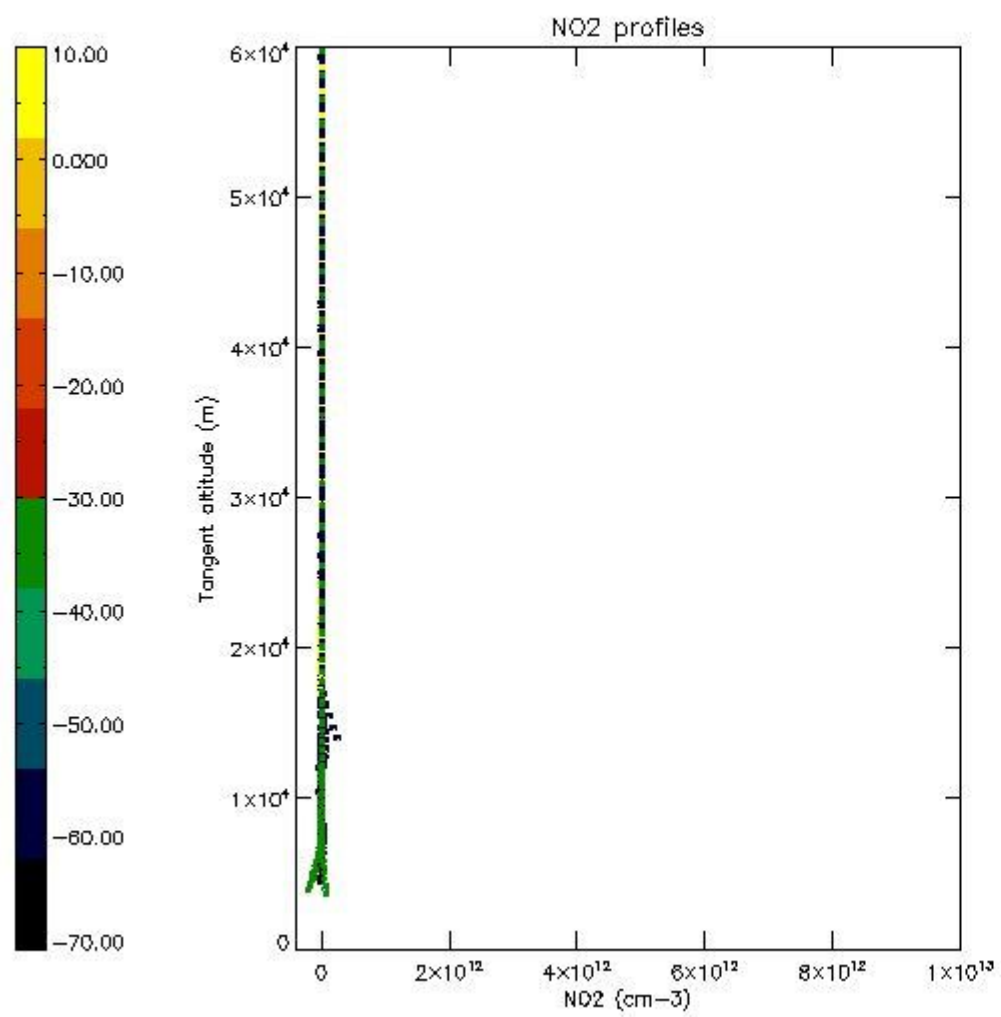
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



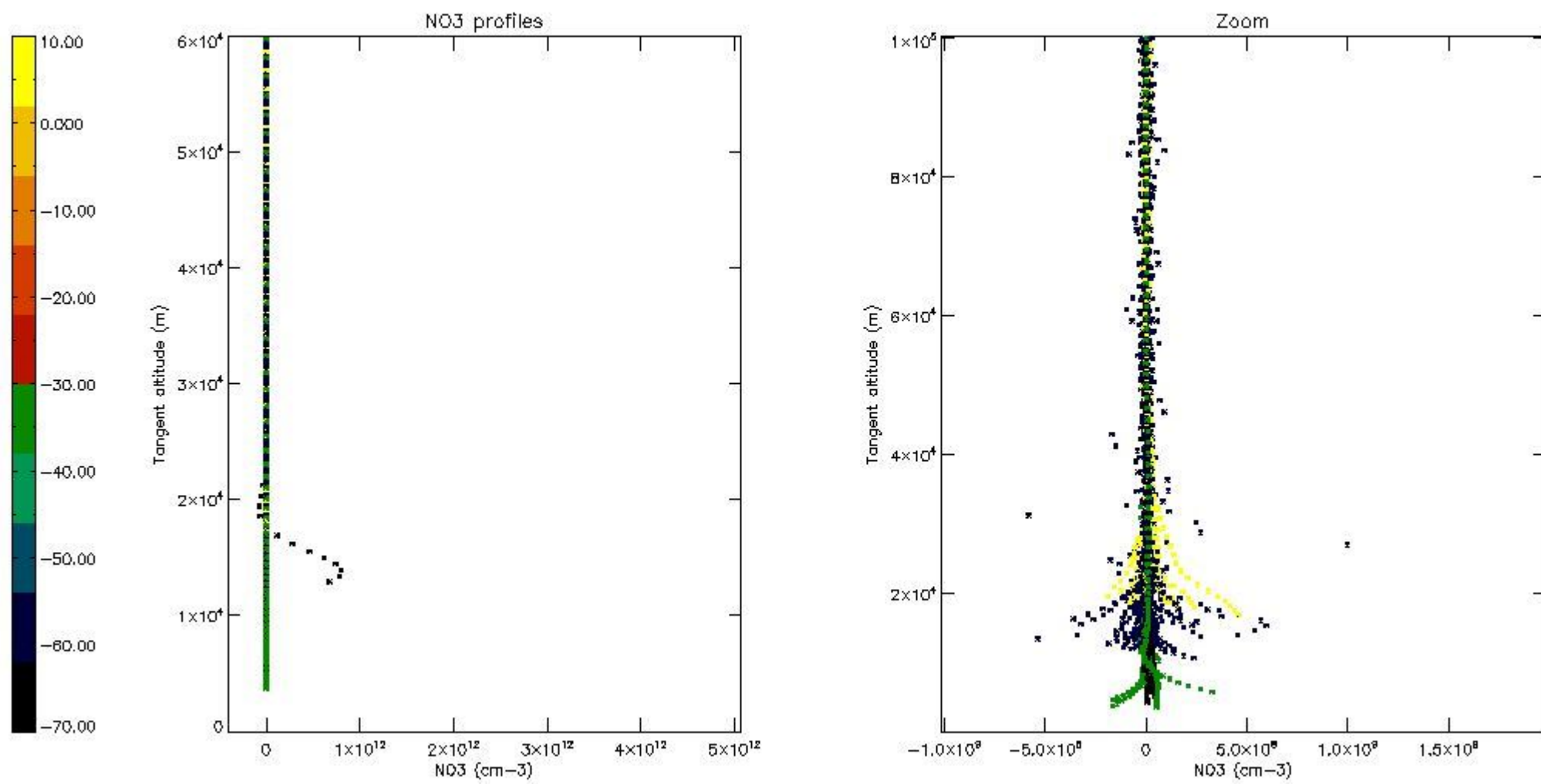
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



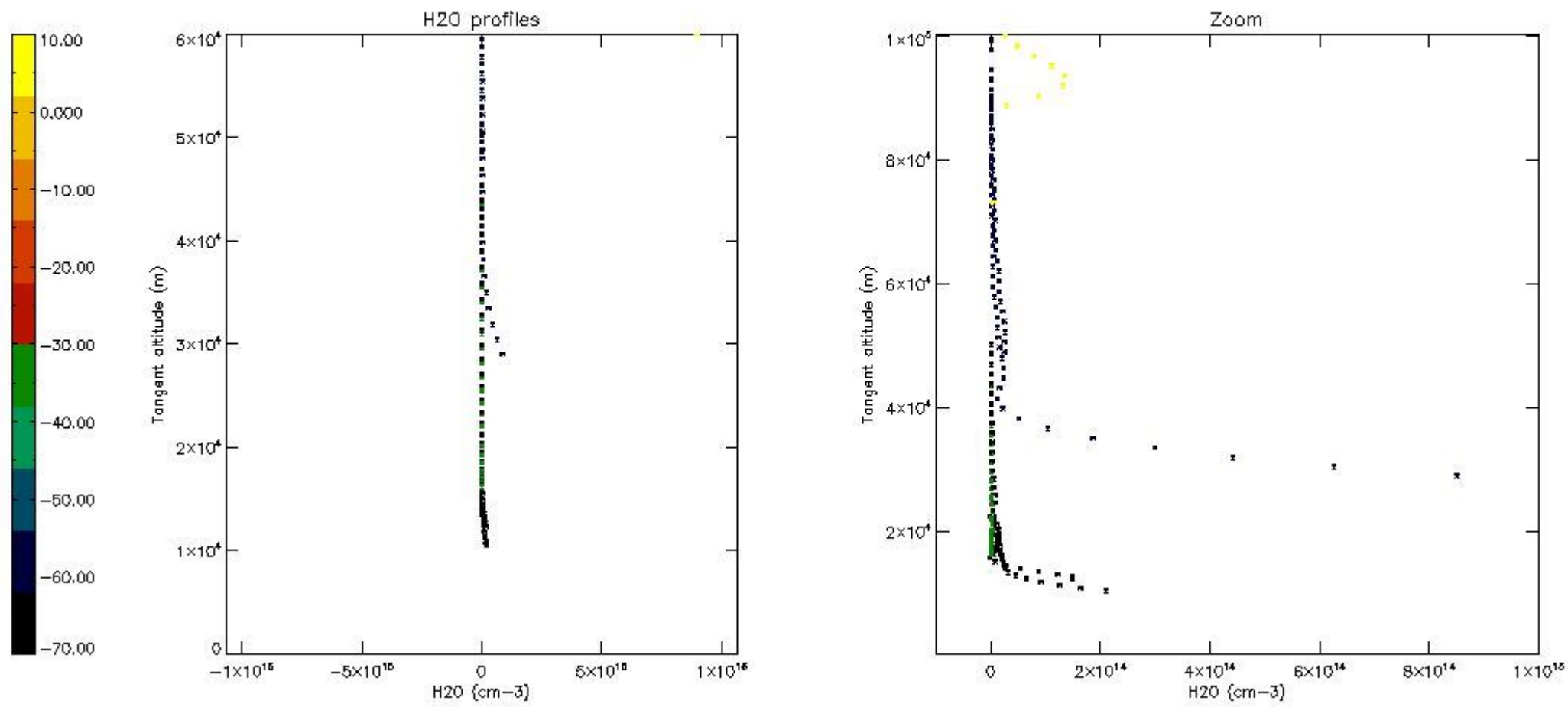
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

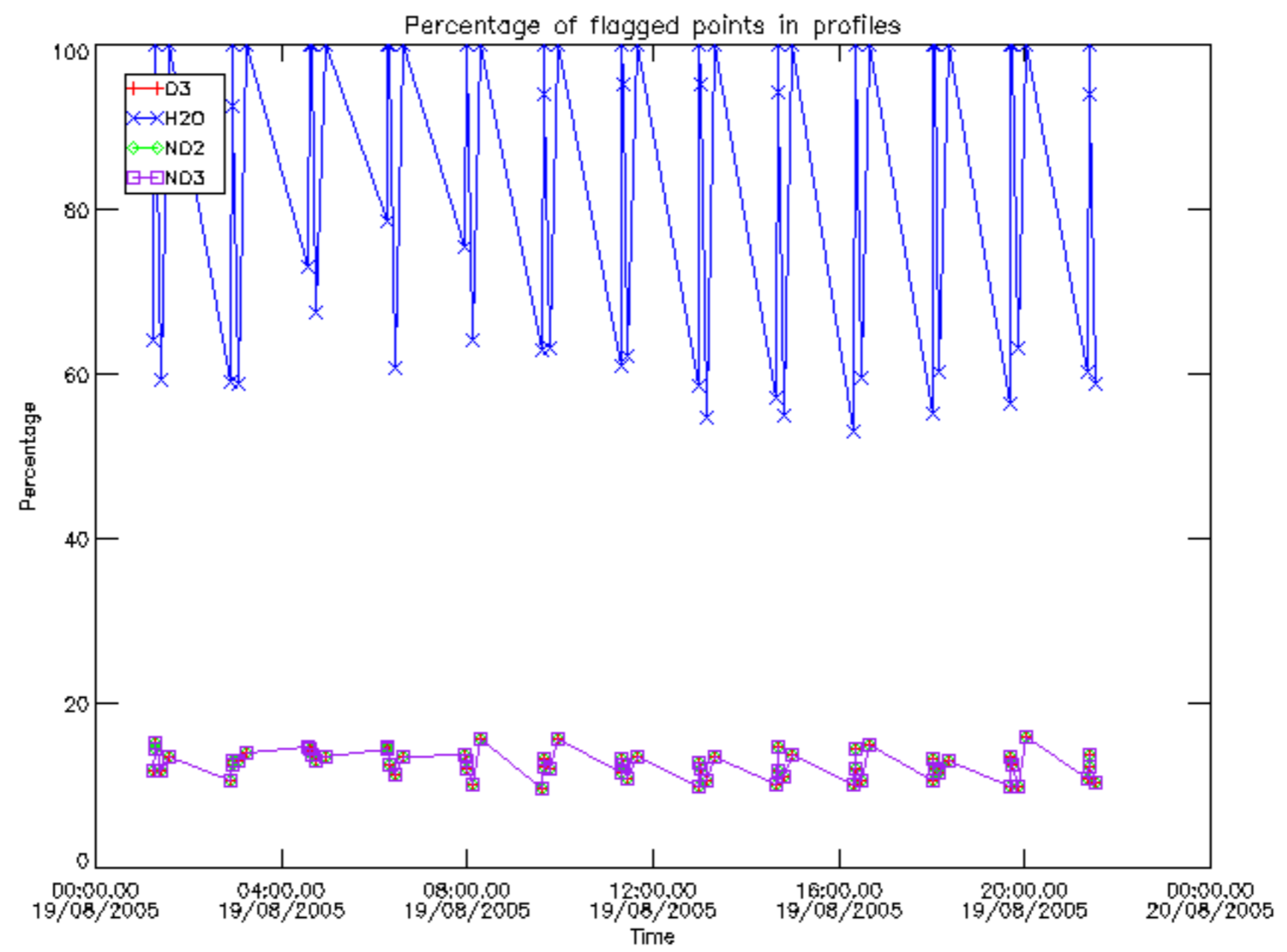
The colorbar represents the latitude.



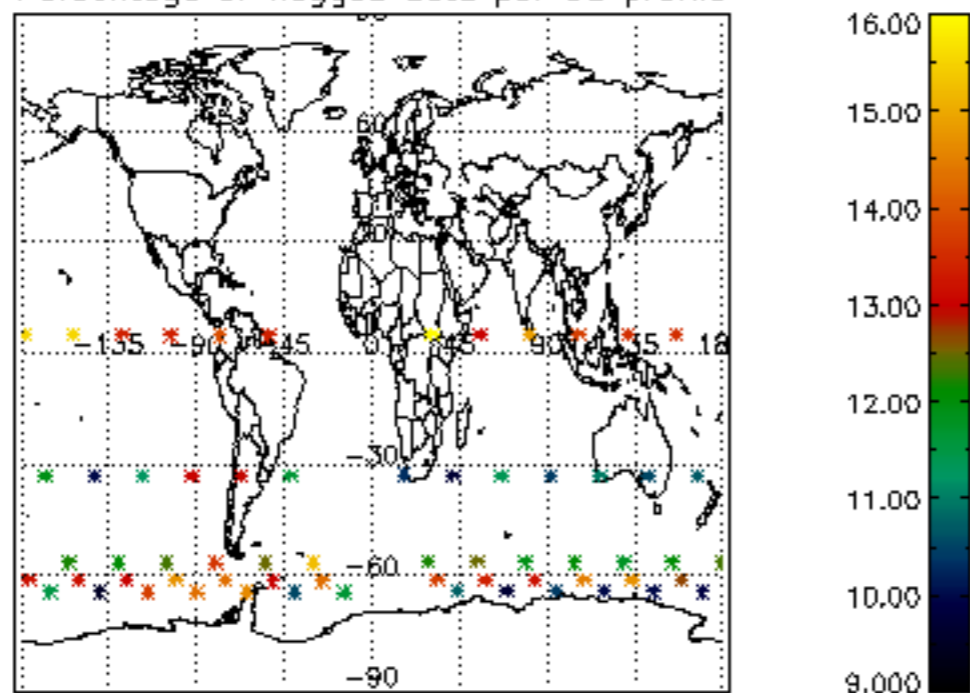
6. Auxiliary Data Files used for the production reported in section 2

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

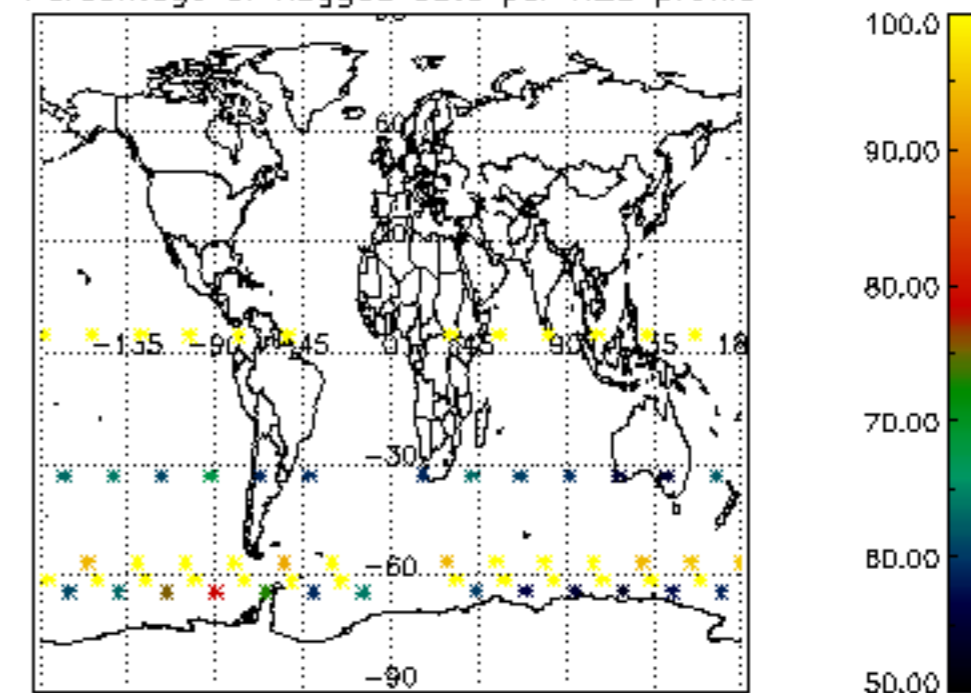
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-AUG-2005 00:20:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-AUG-2005 00:20:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-AUG-2005 00:20:32



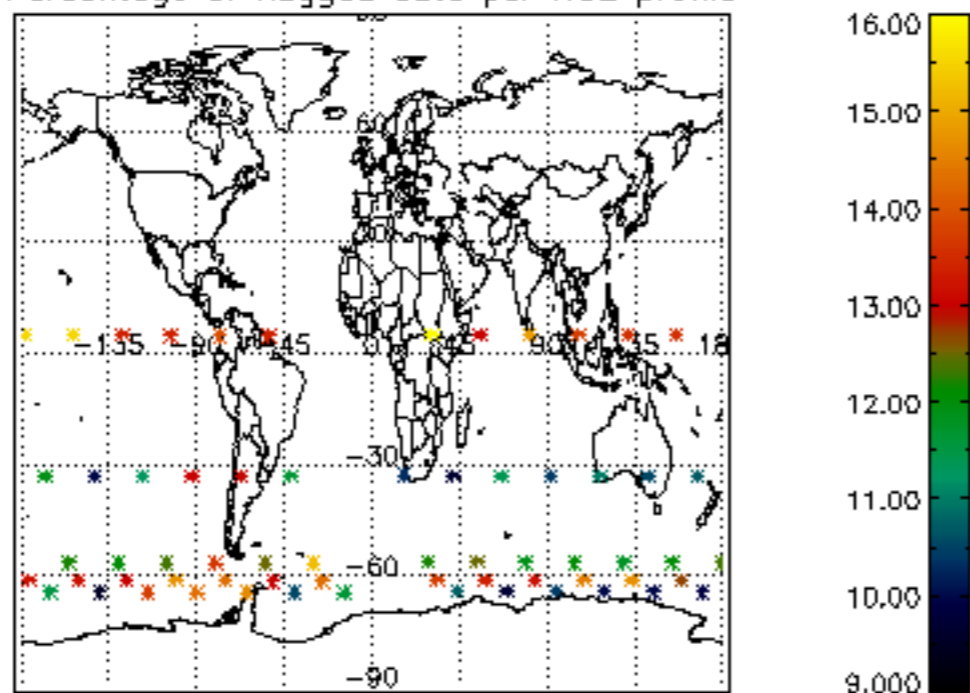
Percentage of flagged data per D3 profile



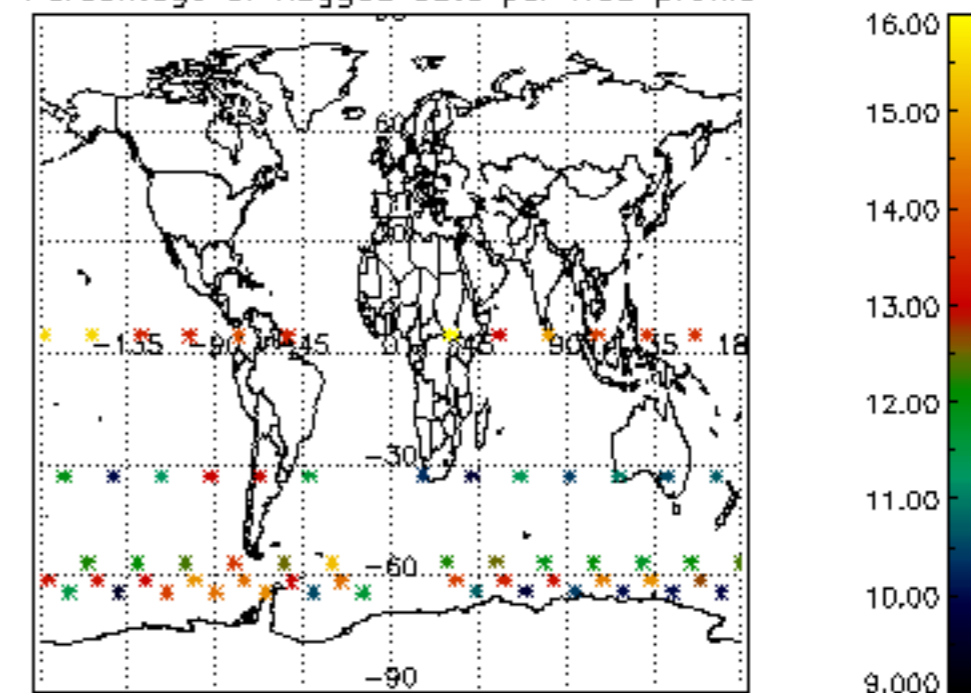
Percentage of flagged data per H2O profile

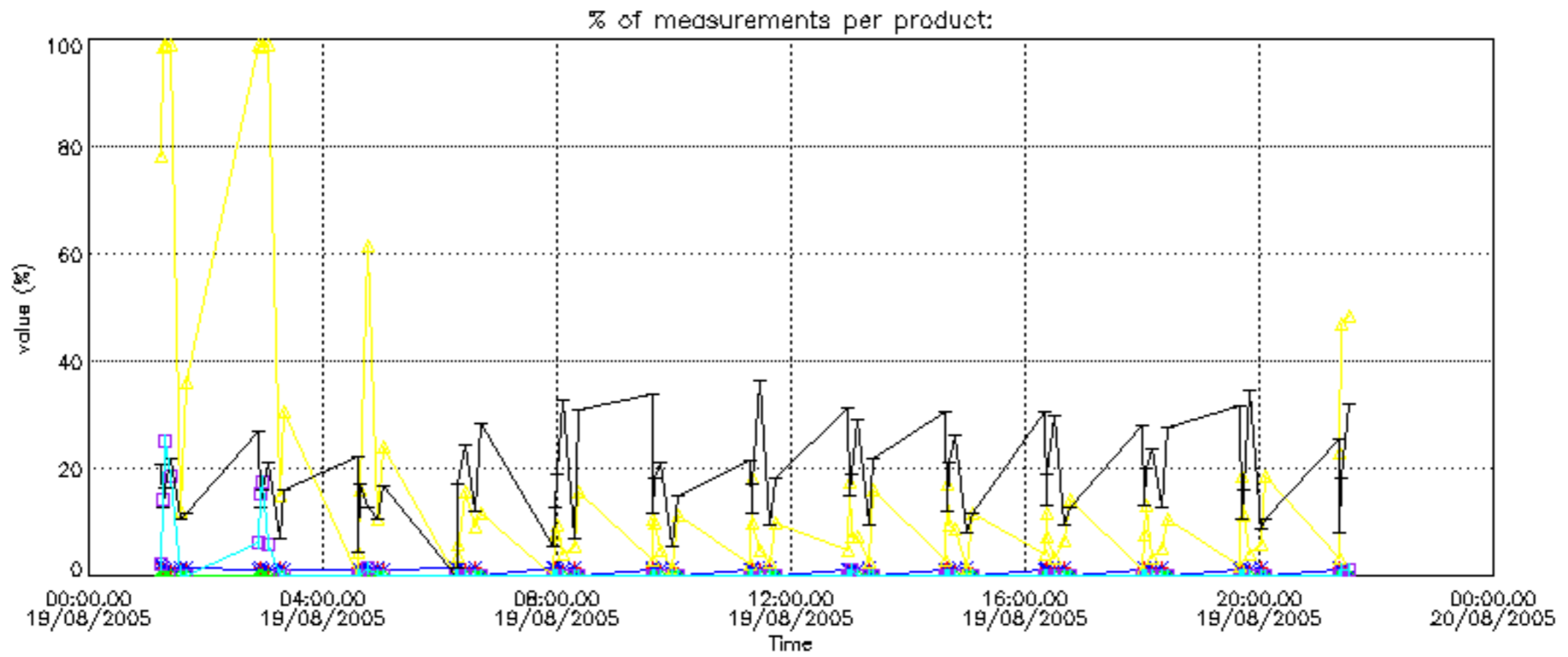


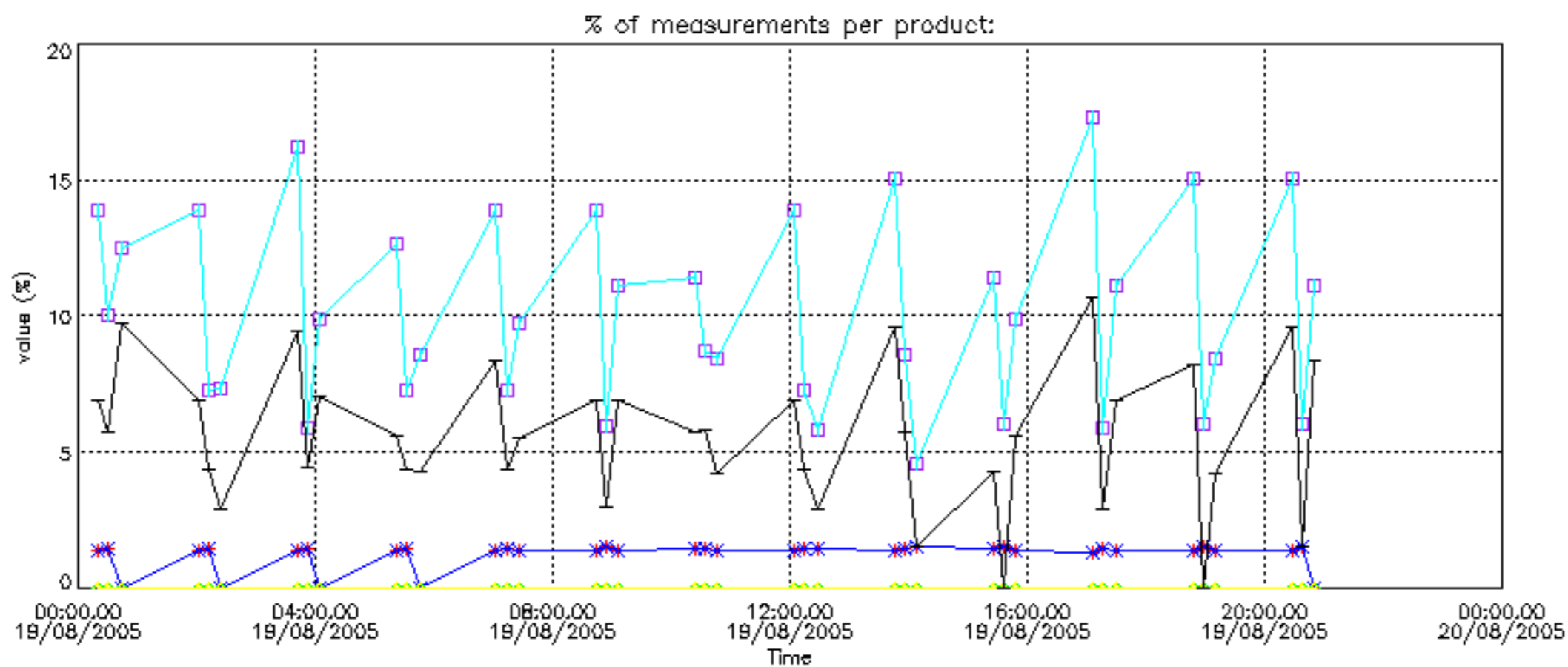
Percentage of flagged data per NO2 profile



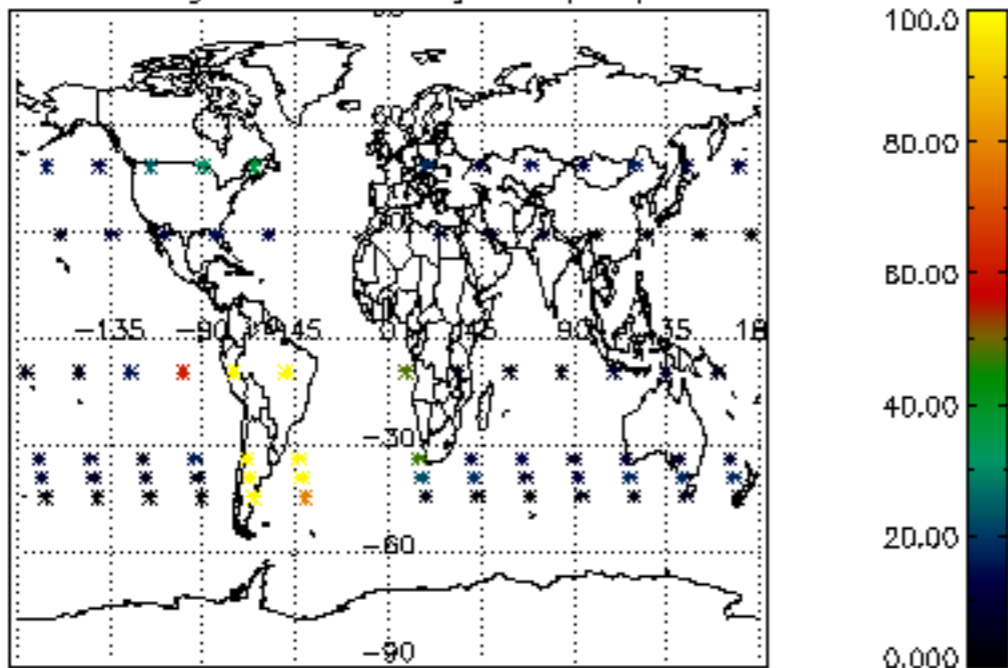
Percentage of flagged data per NO3 profile



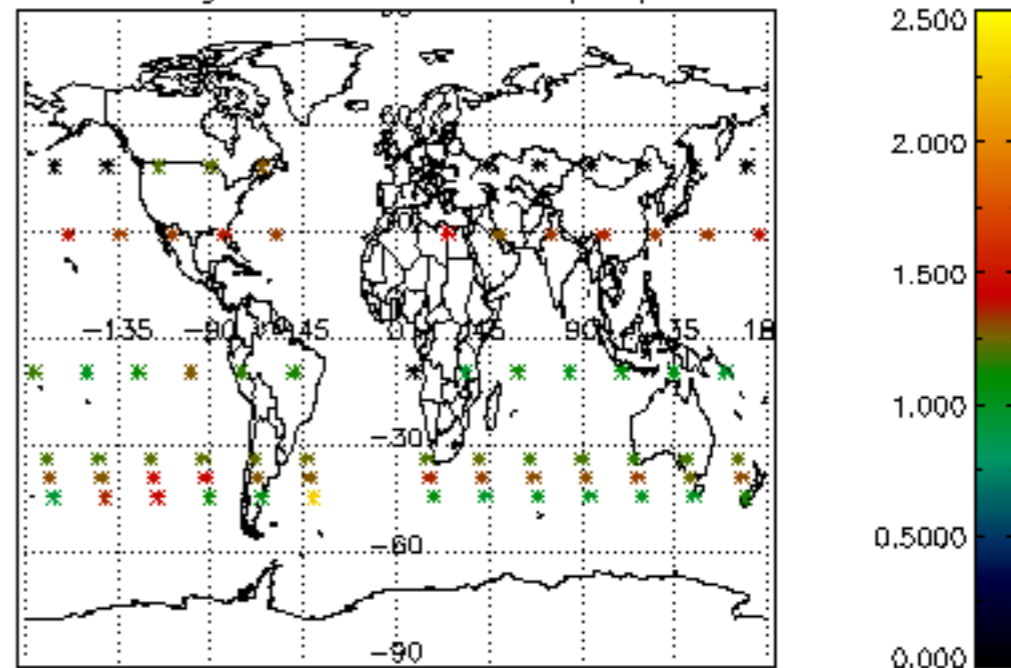




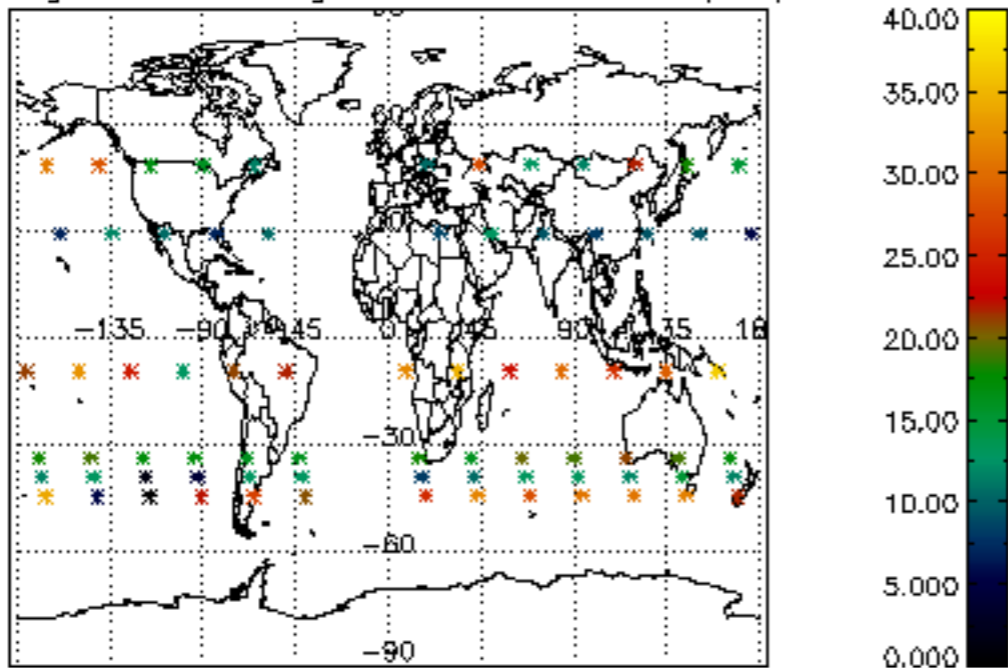
Percentage of cosmic ray hits per profile



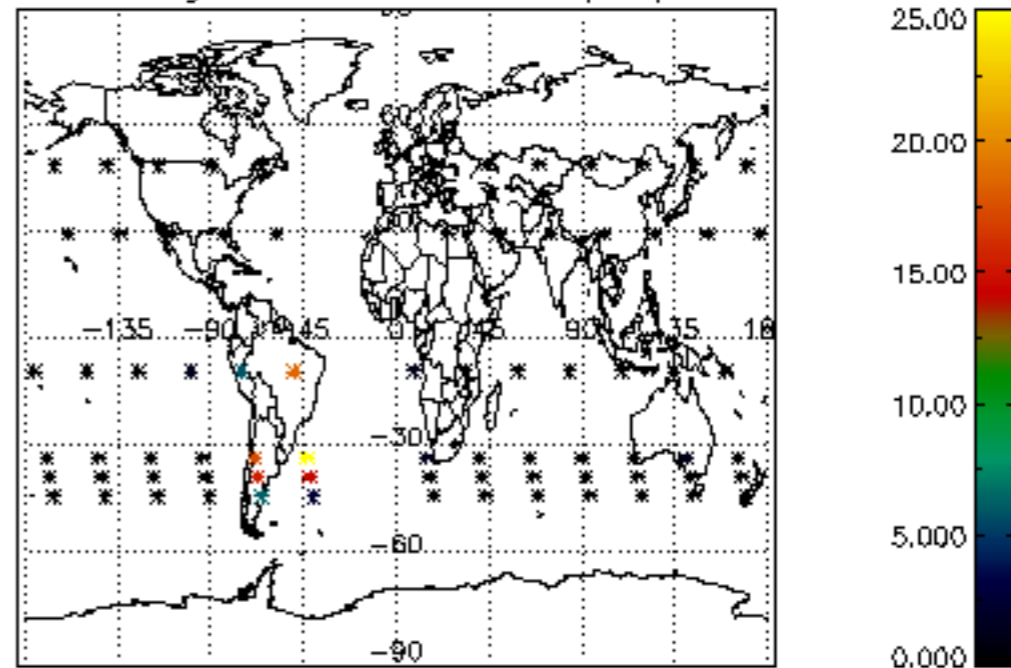
Percentage of datation errors per profile



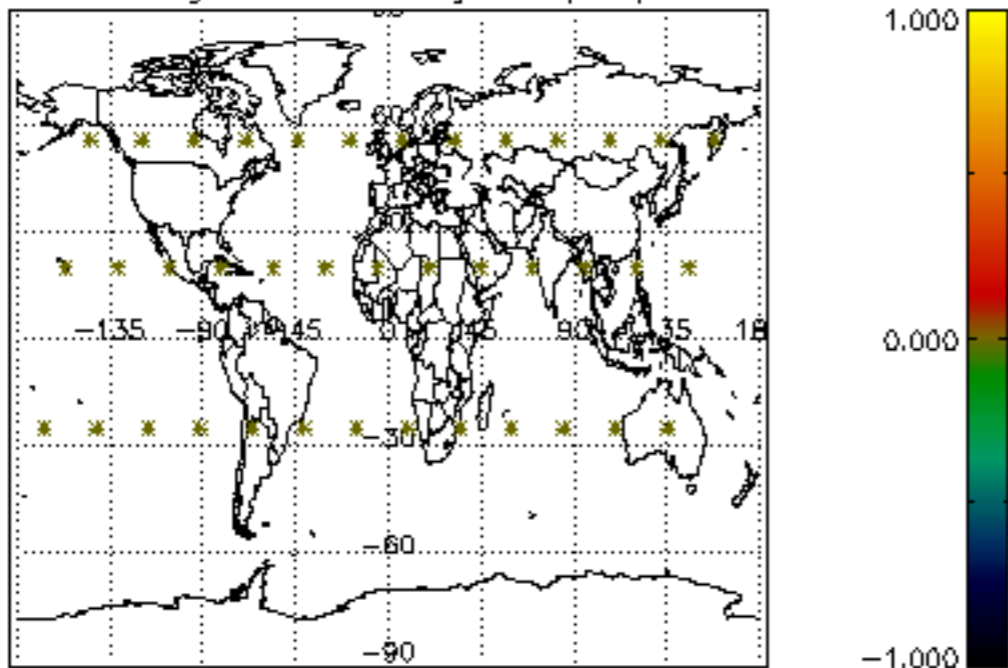
Percentage of star falling outside central band per profile



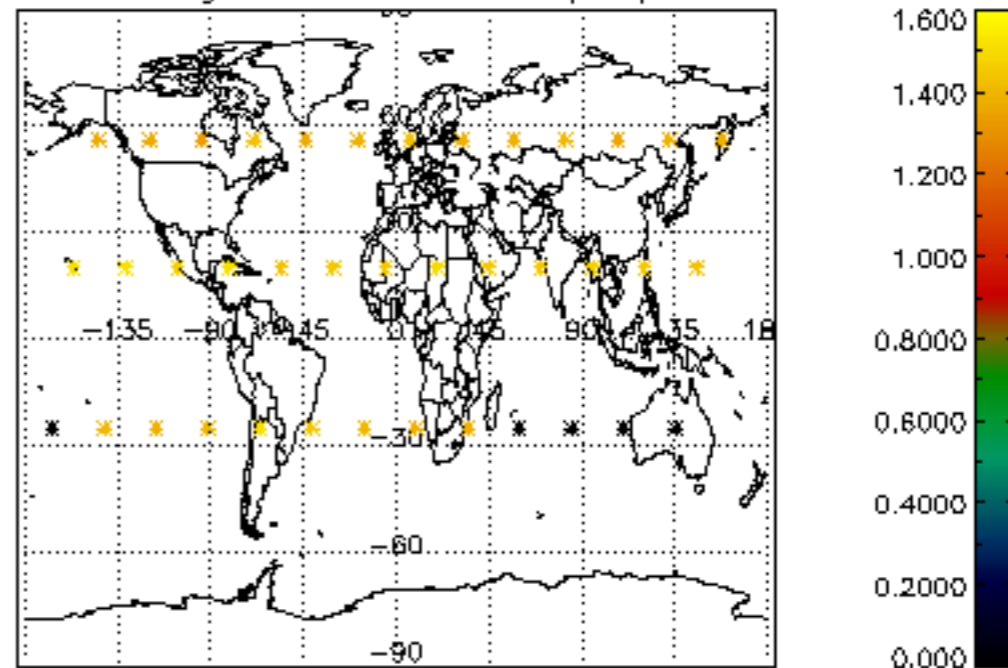
Percentage of saturation errors per profile



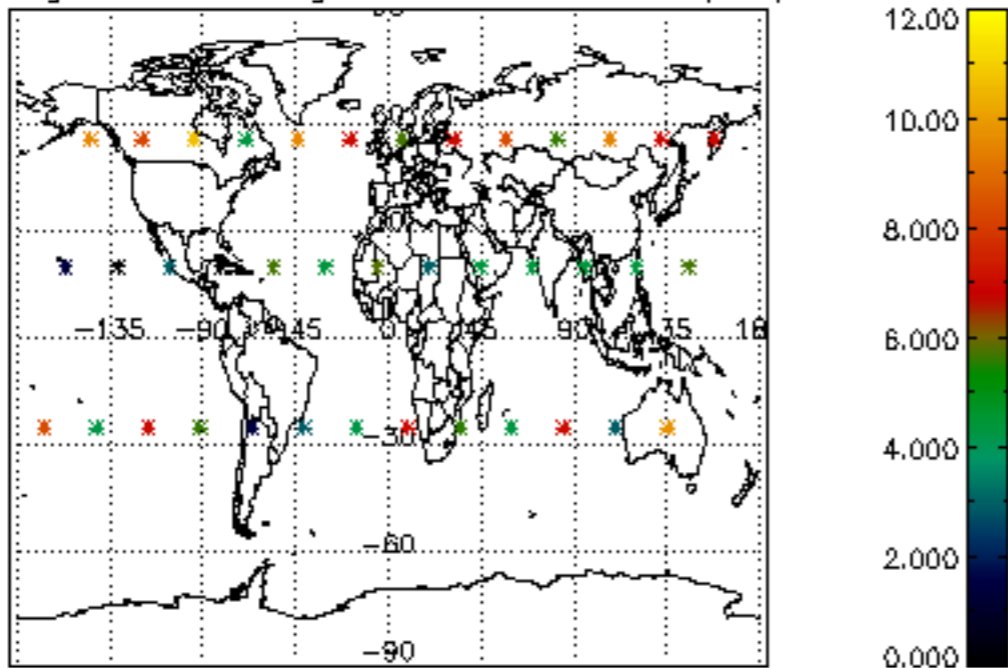
Percentage of cosmic ray hits per profile



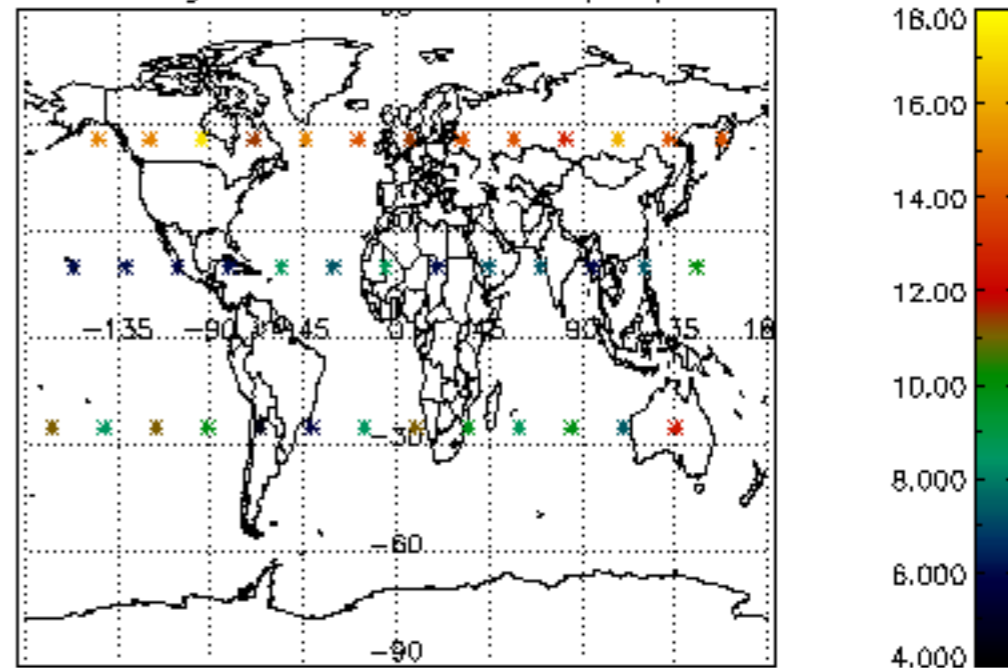
Percentage of datation errors per profile

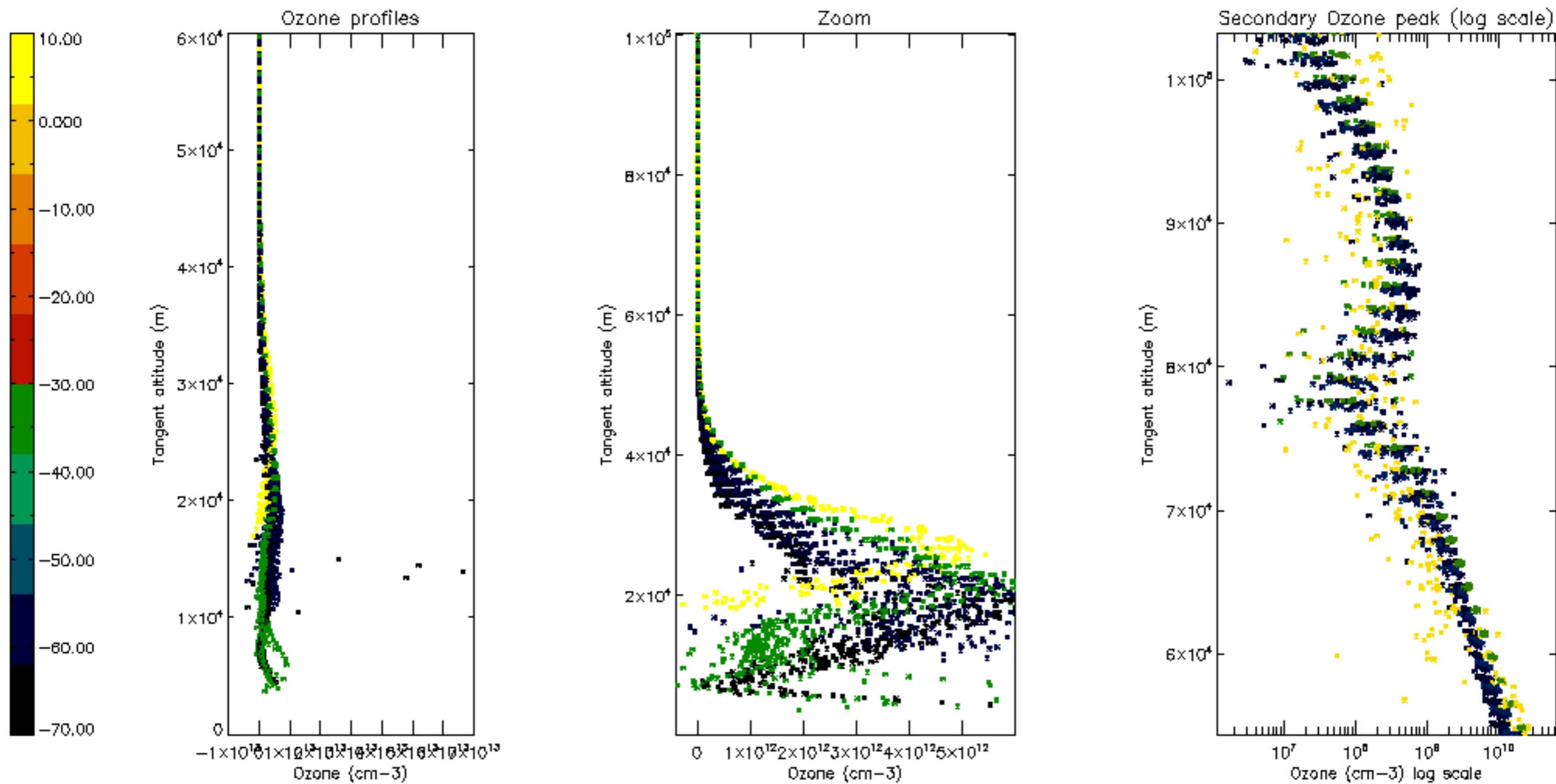


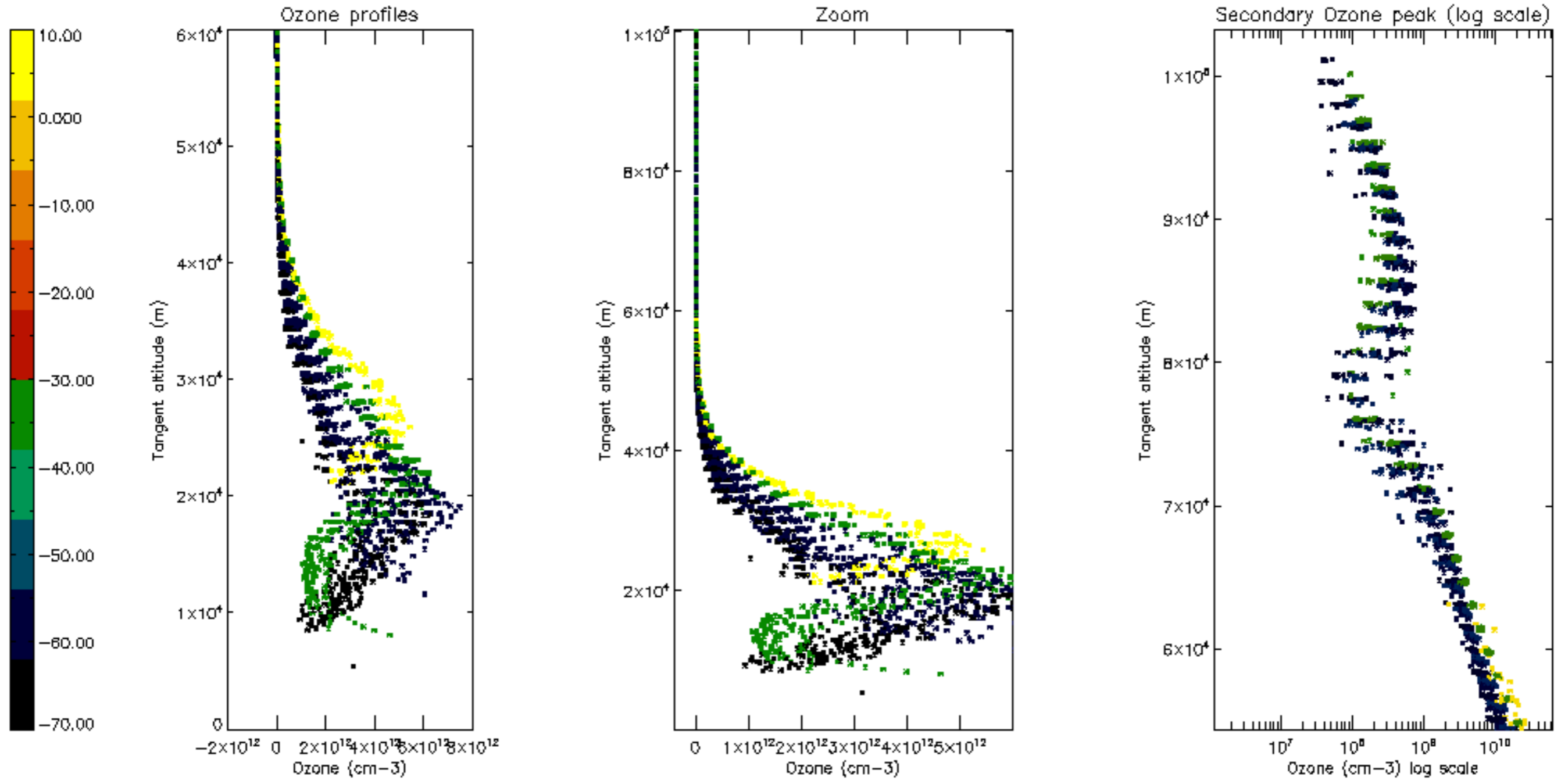
Percentage of star falling outside central band per profile

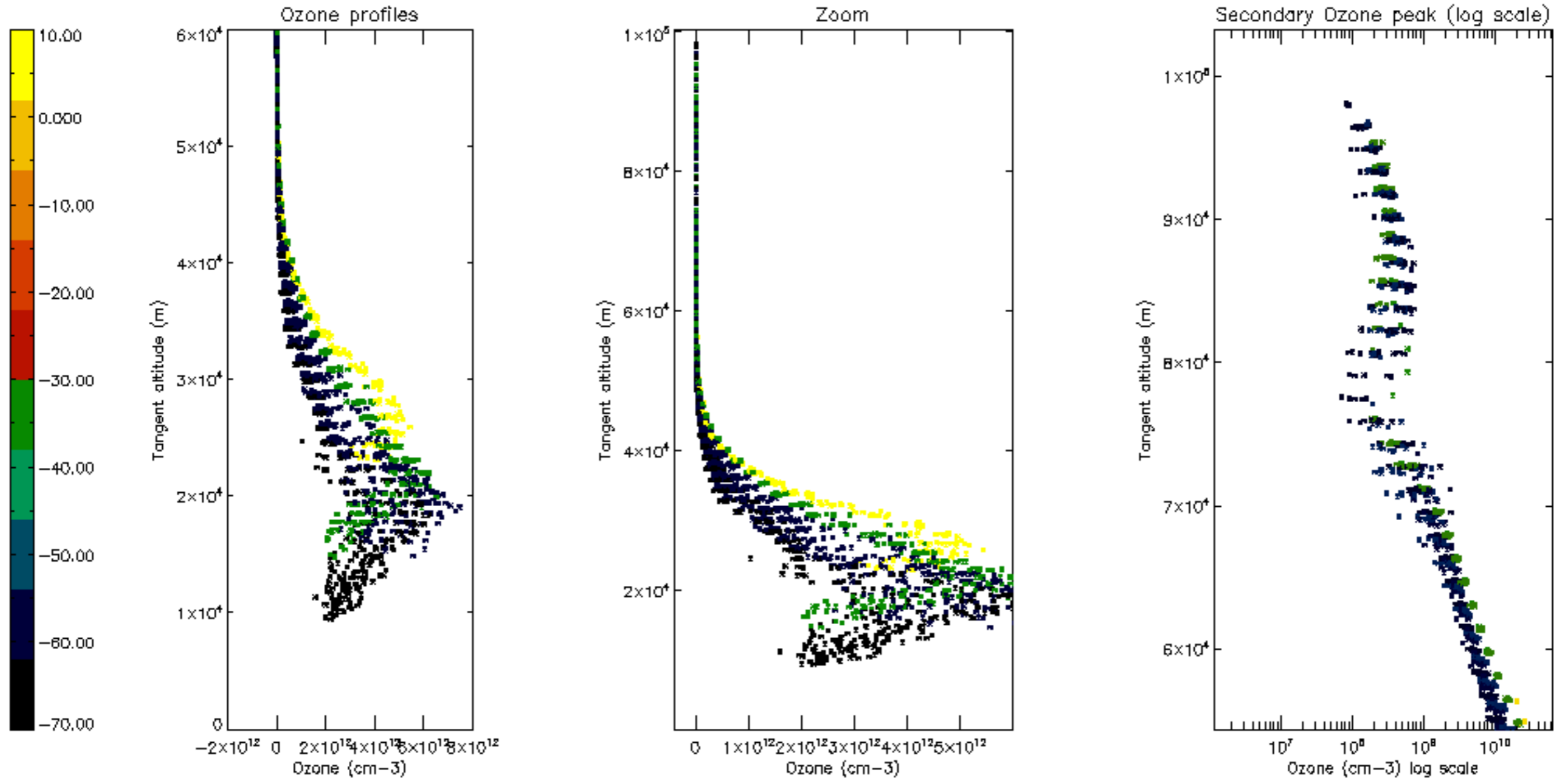


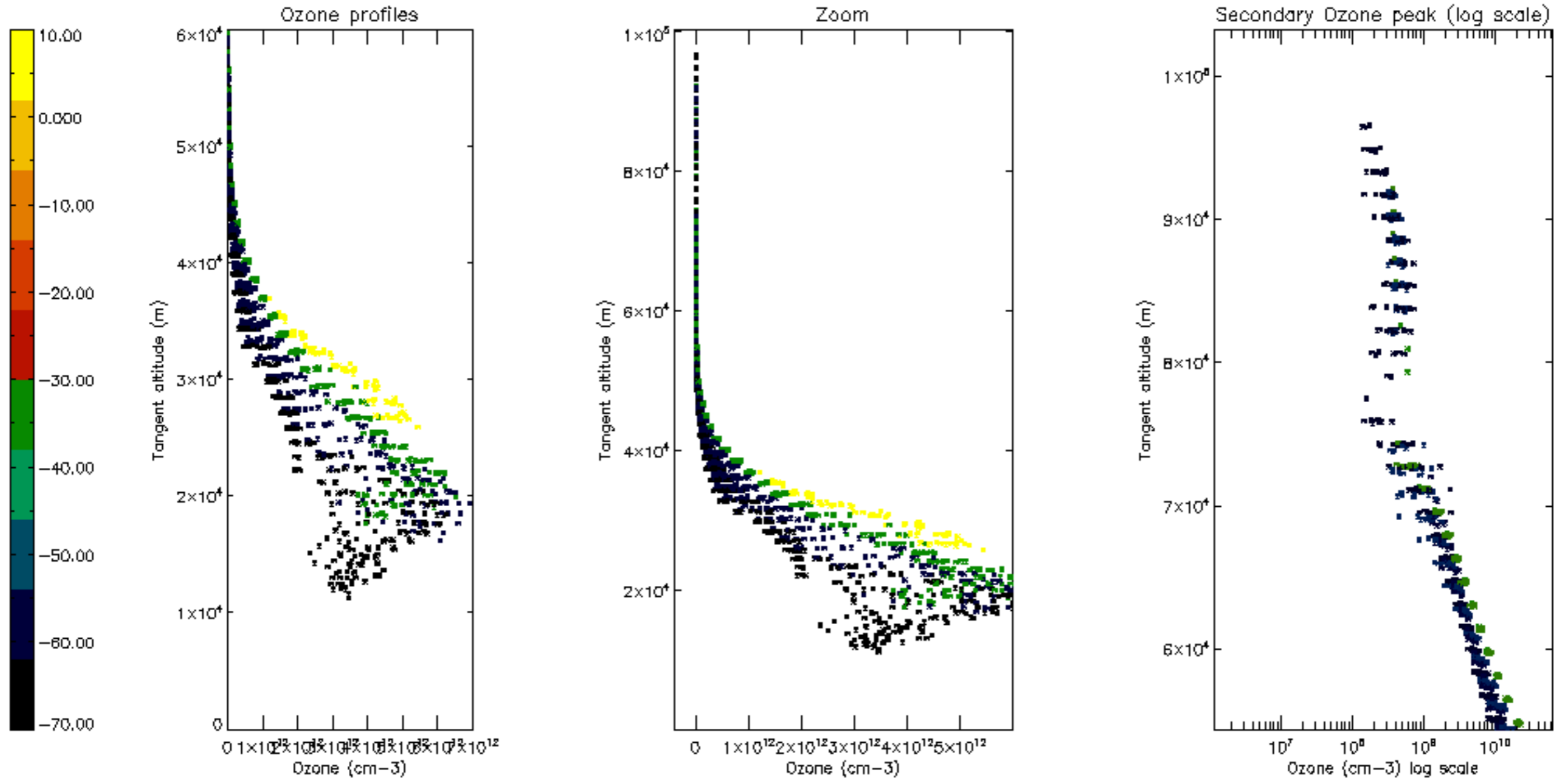
Percentage of saturation errors per profile

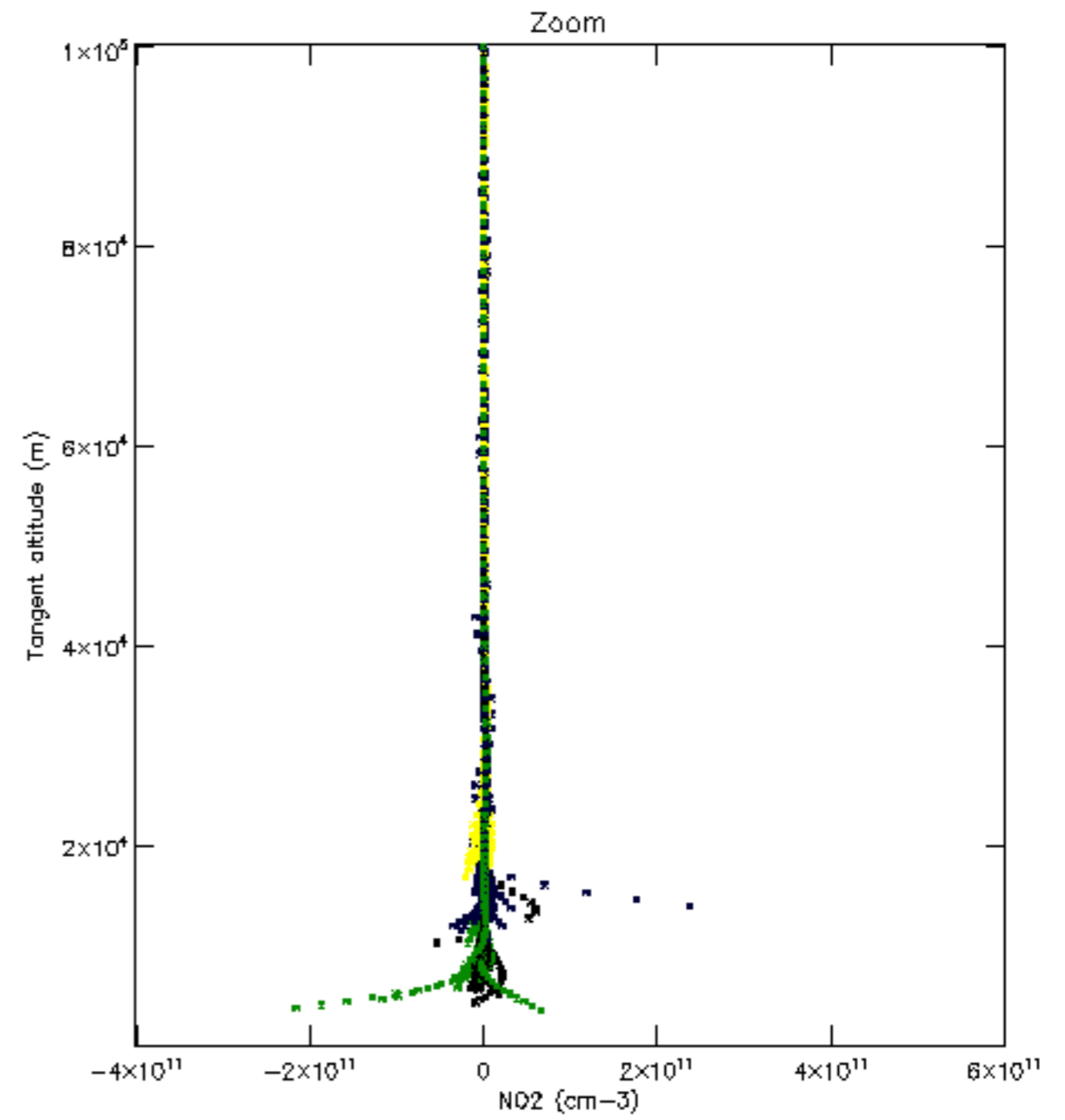
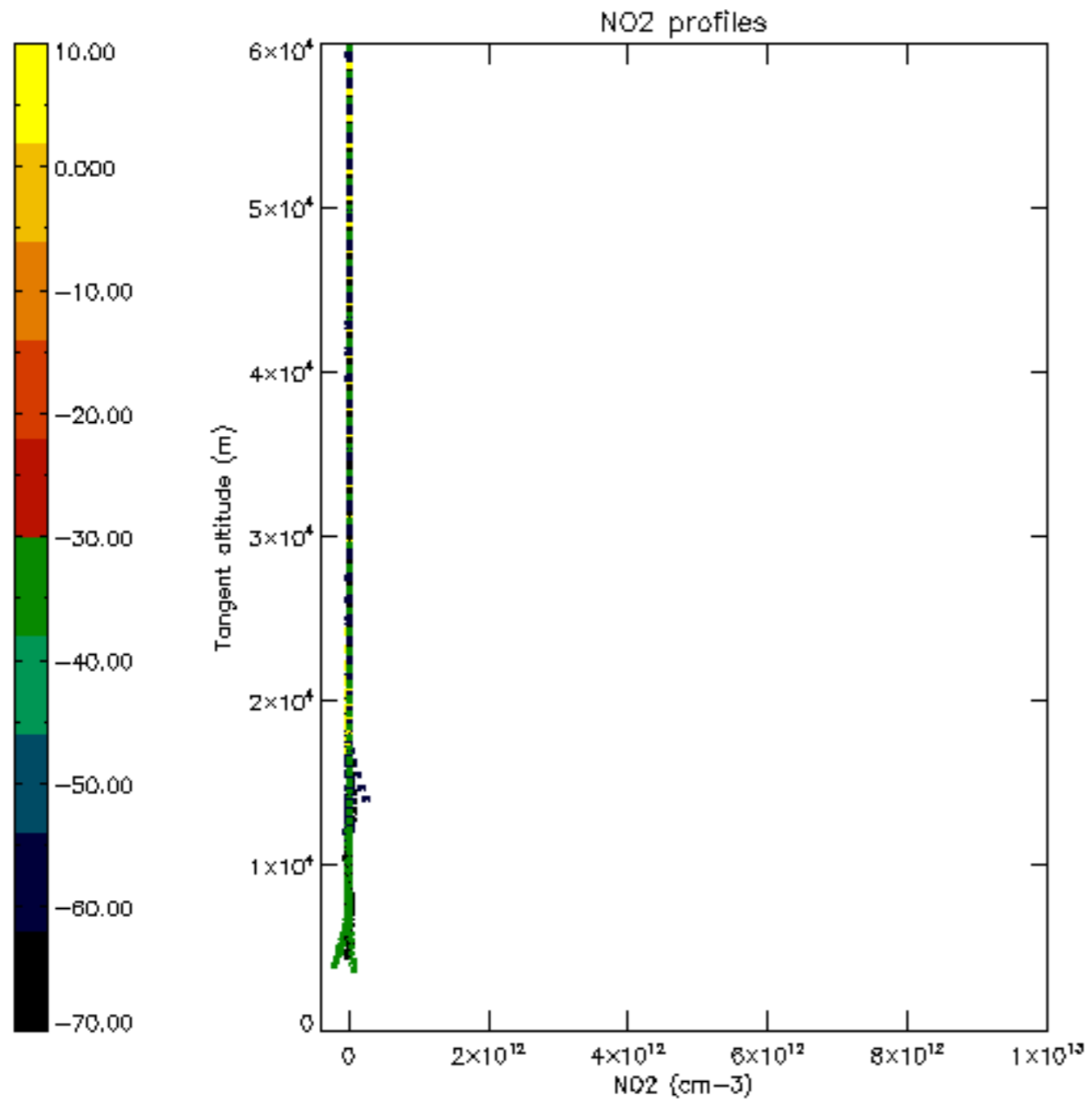


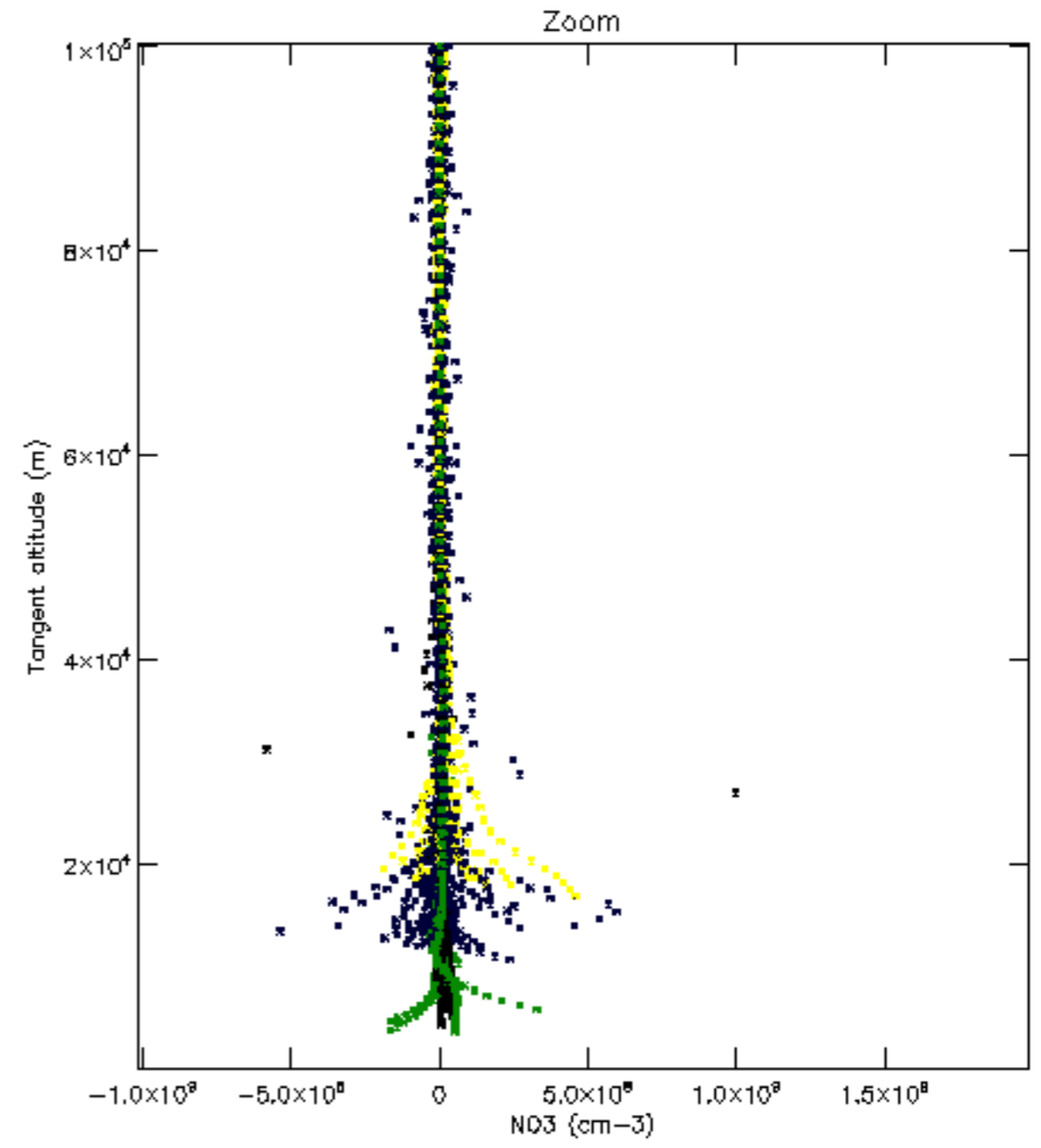
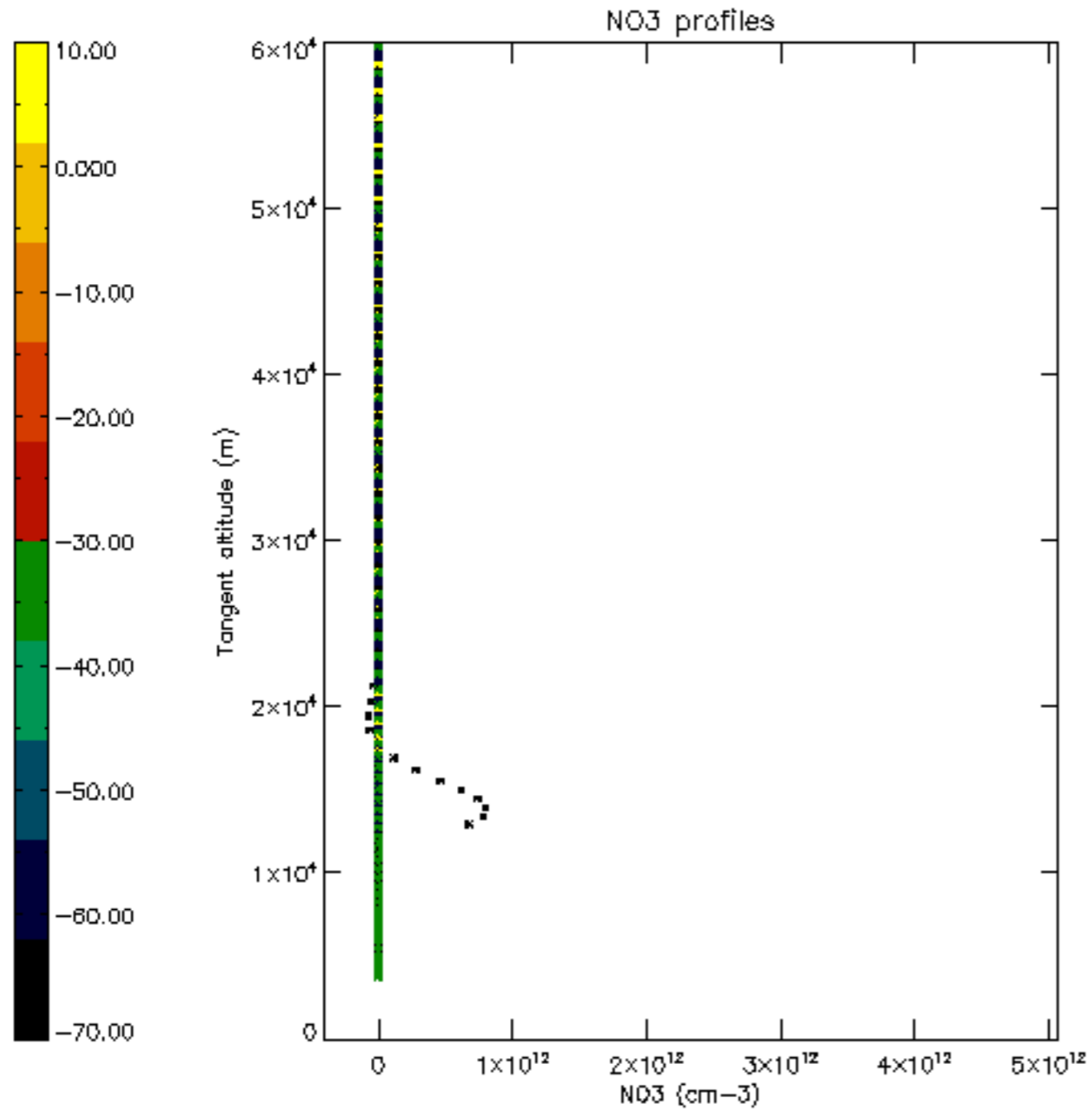


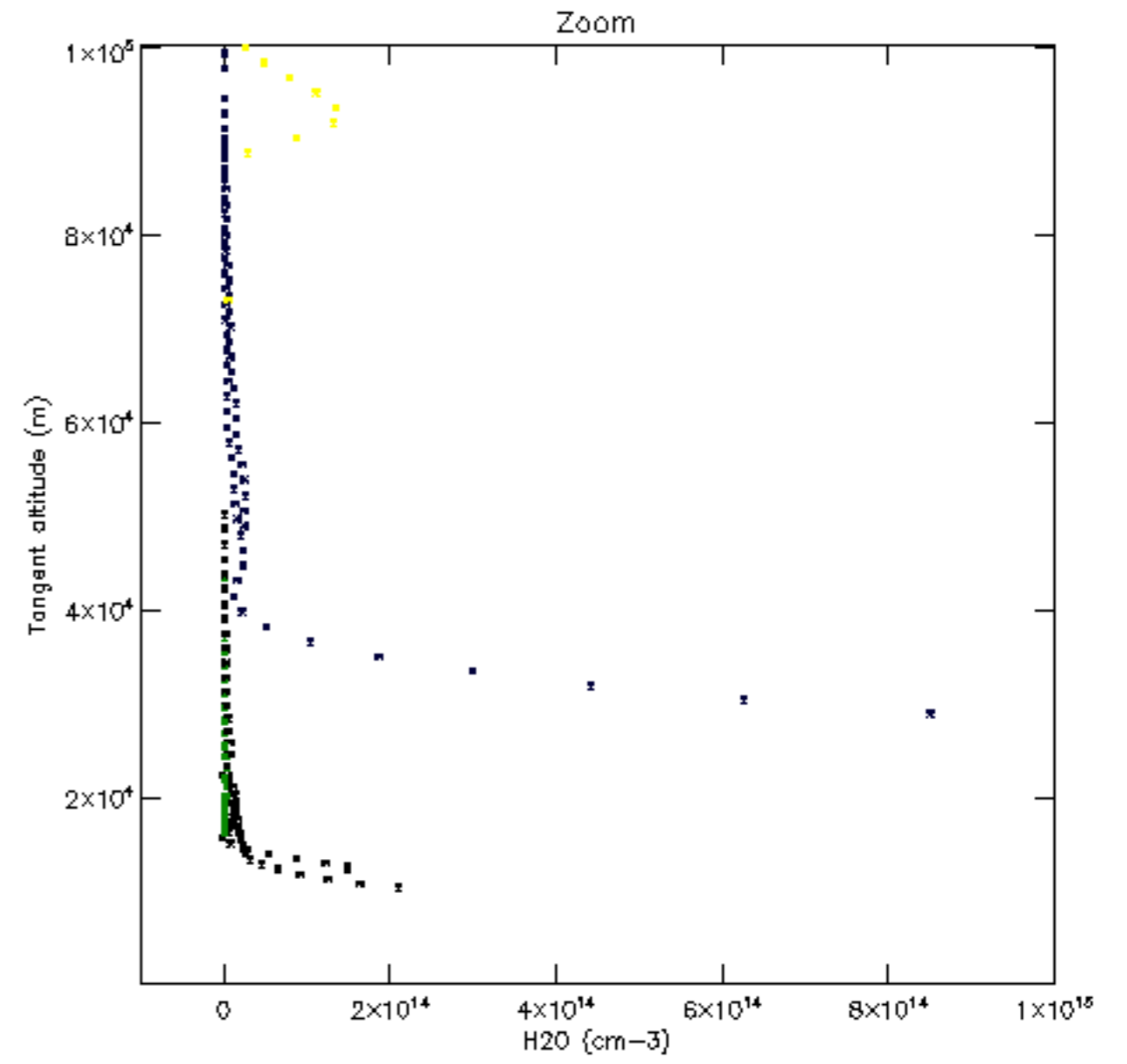
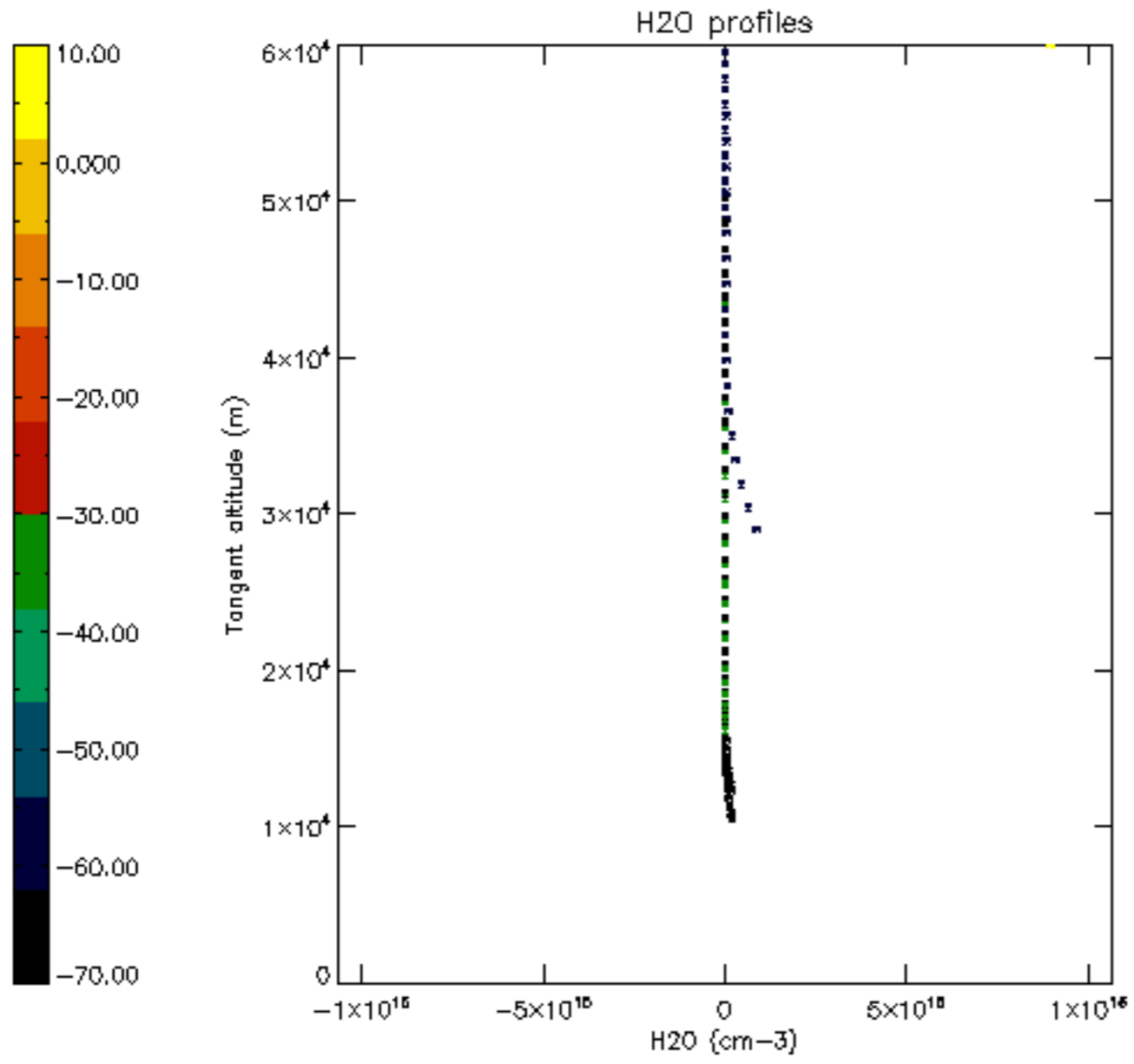


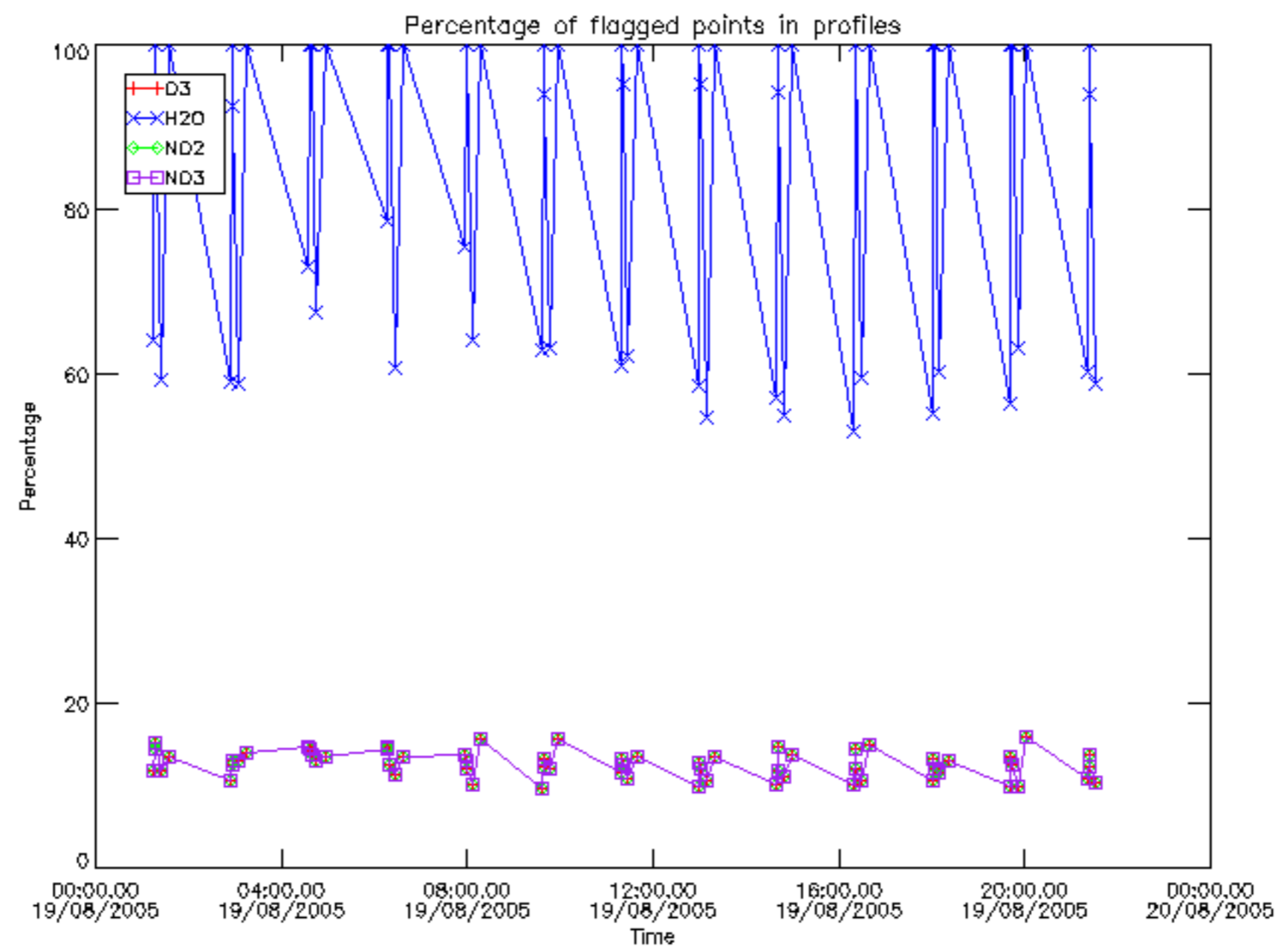




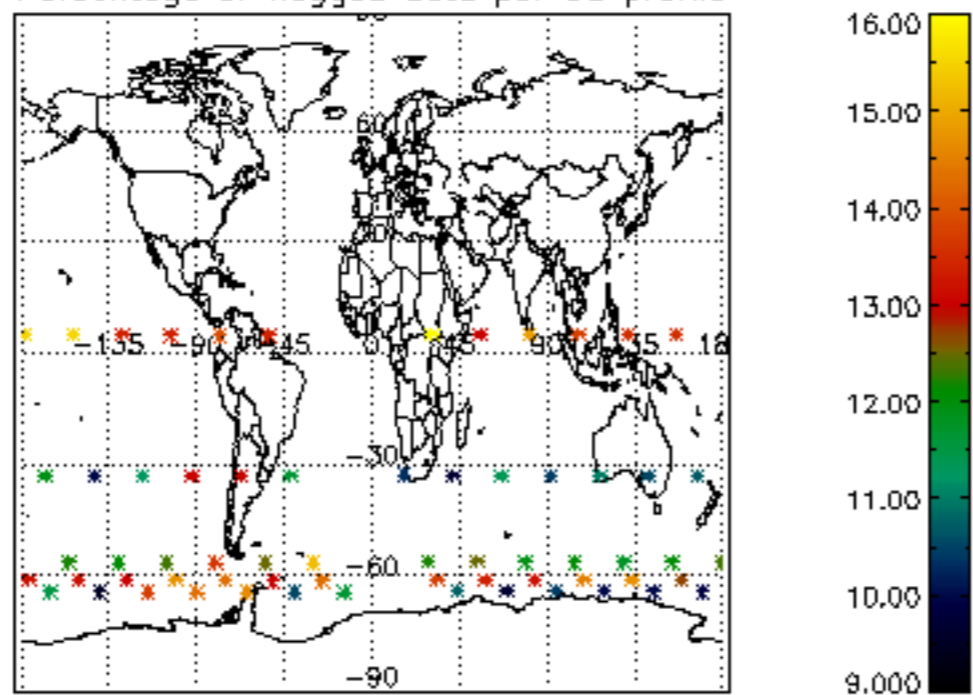




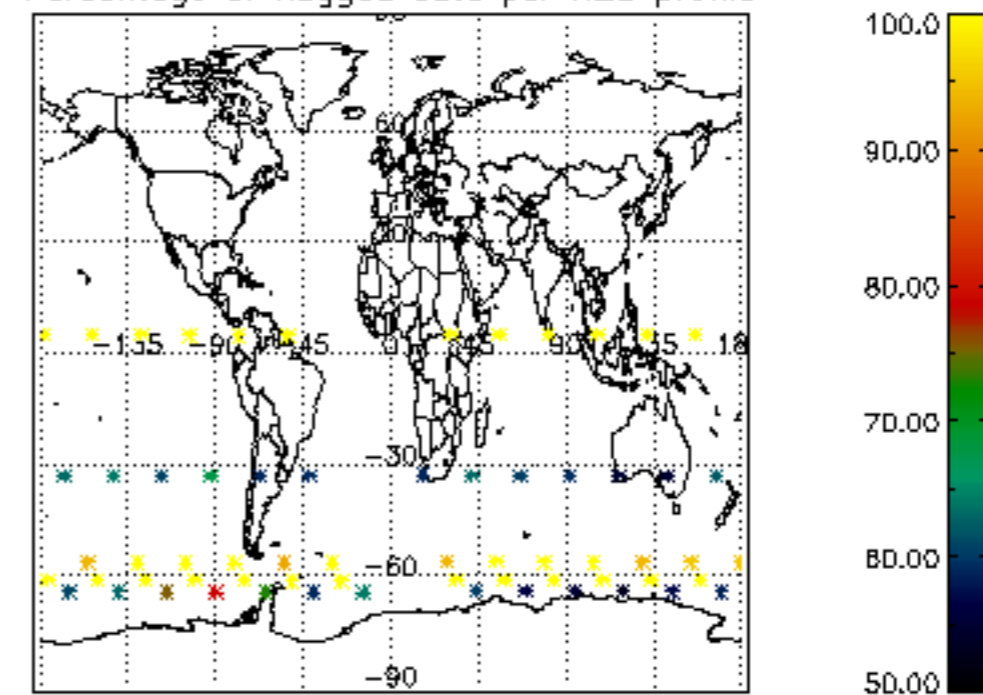




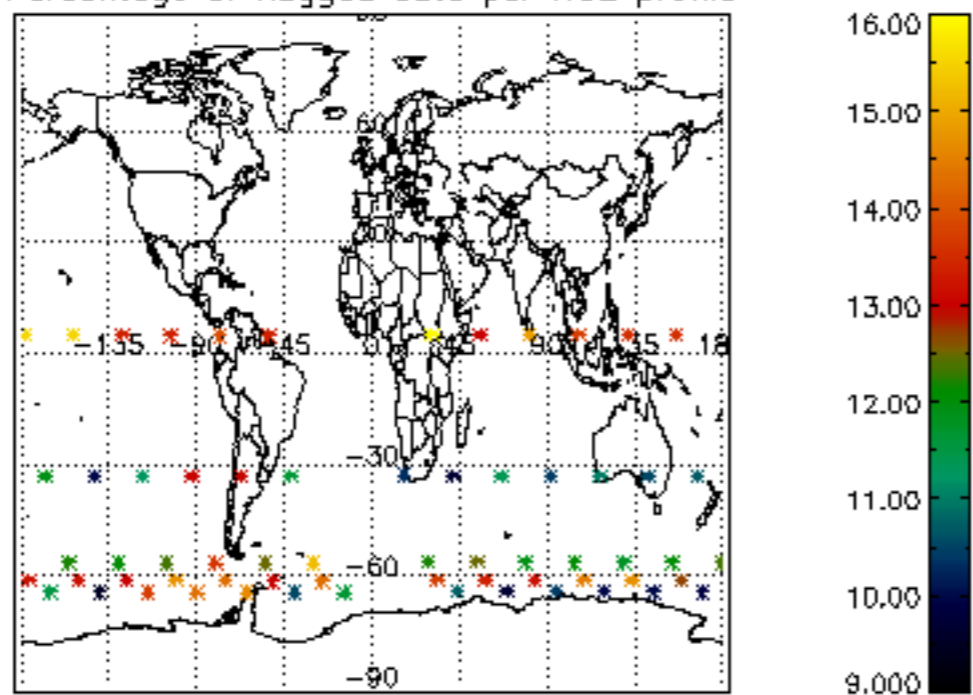
Percentage of flagged data per D3 profile



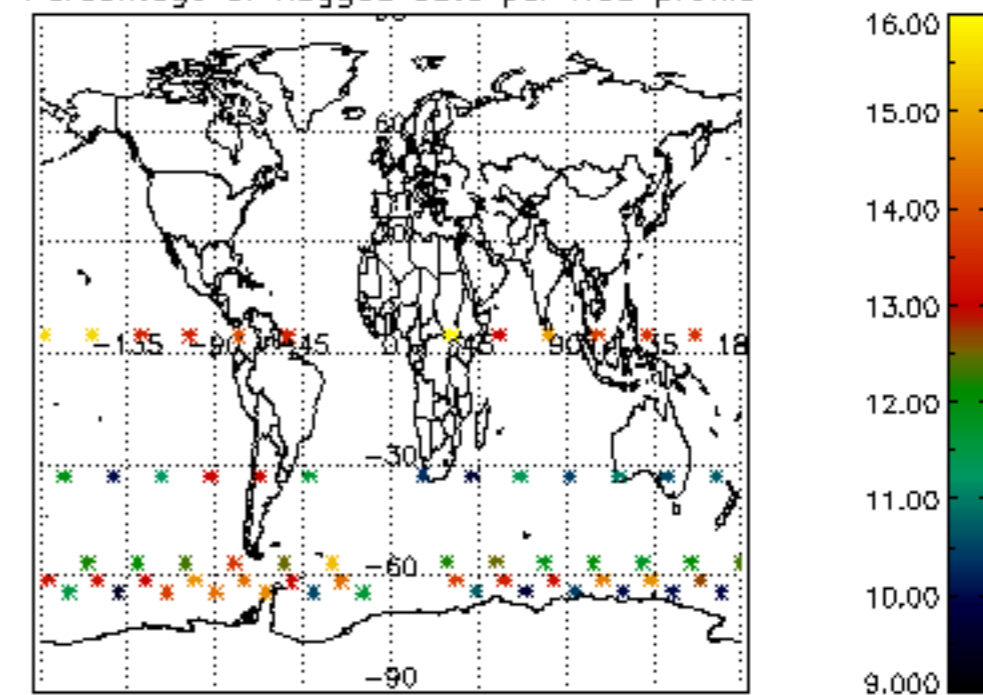
Percentage of flagged data per H2O profile

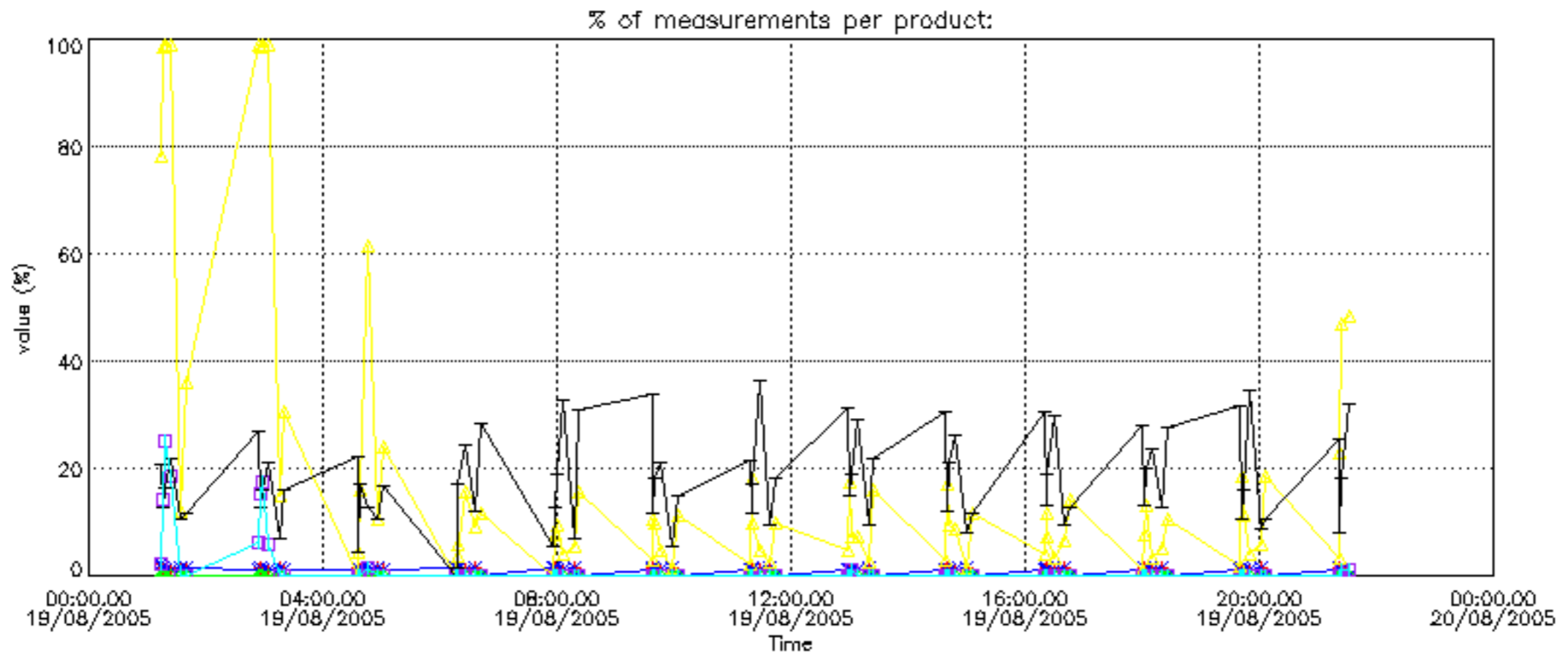


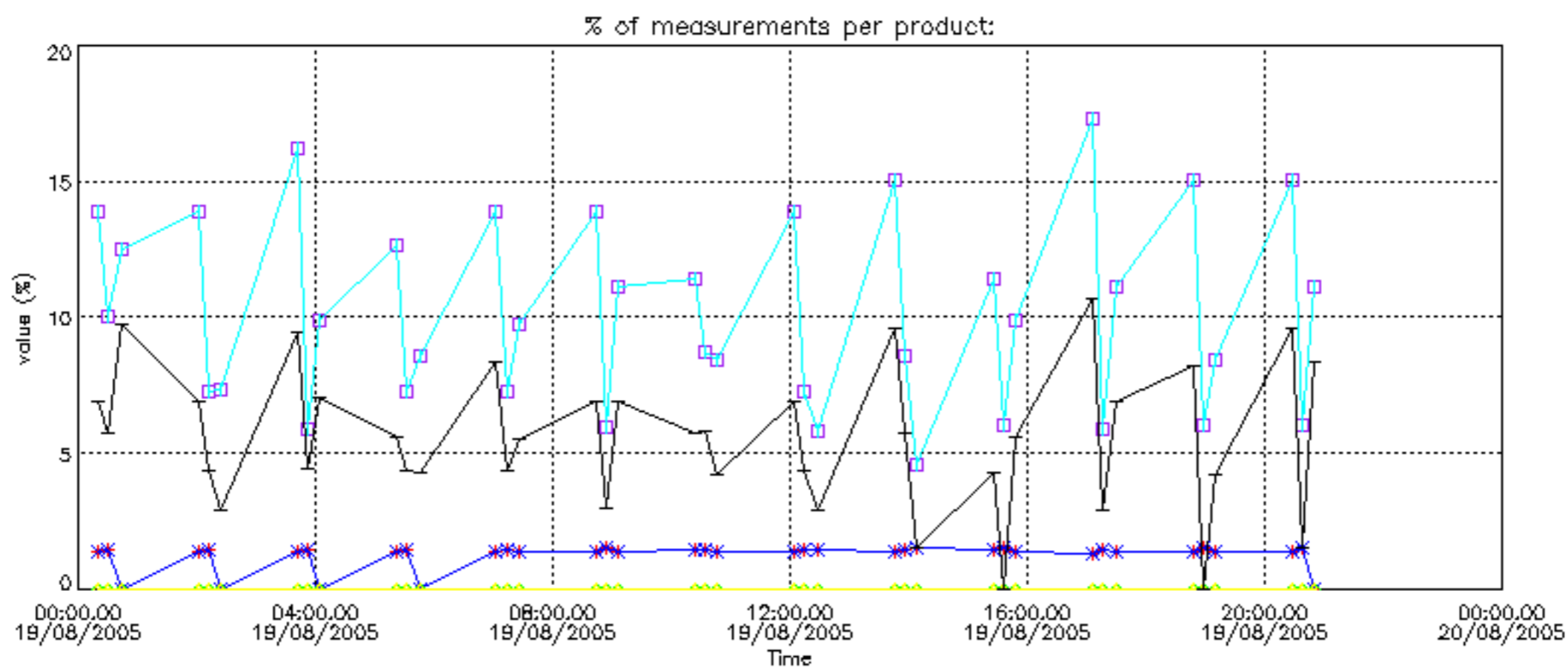
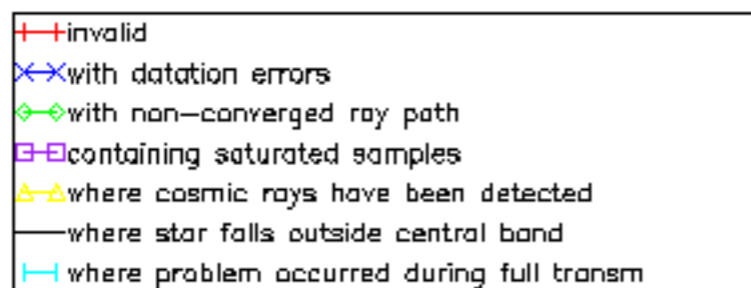
Percentage of flagged data per NO2 profile



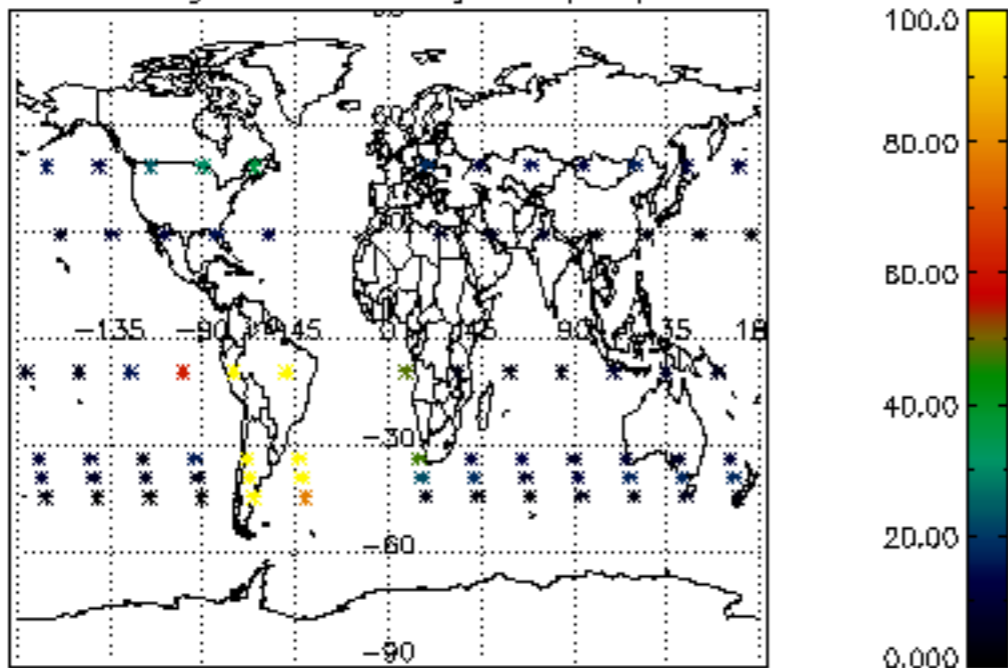
Percentage of flagged data per NO3 profile



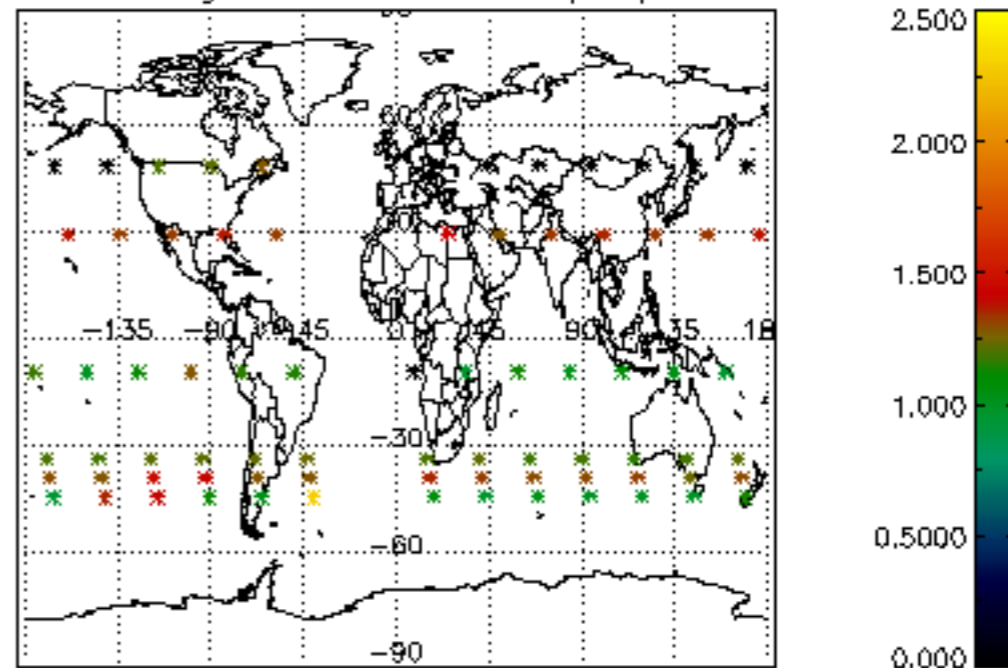




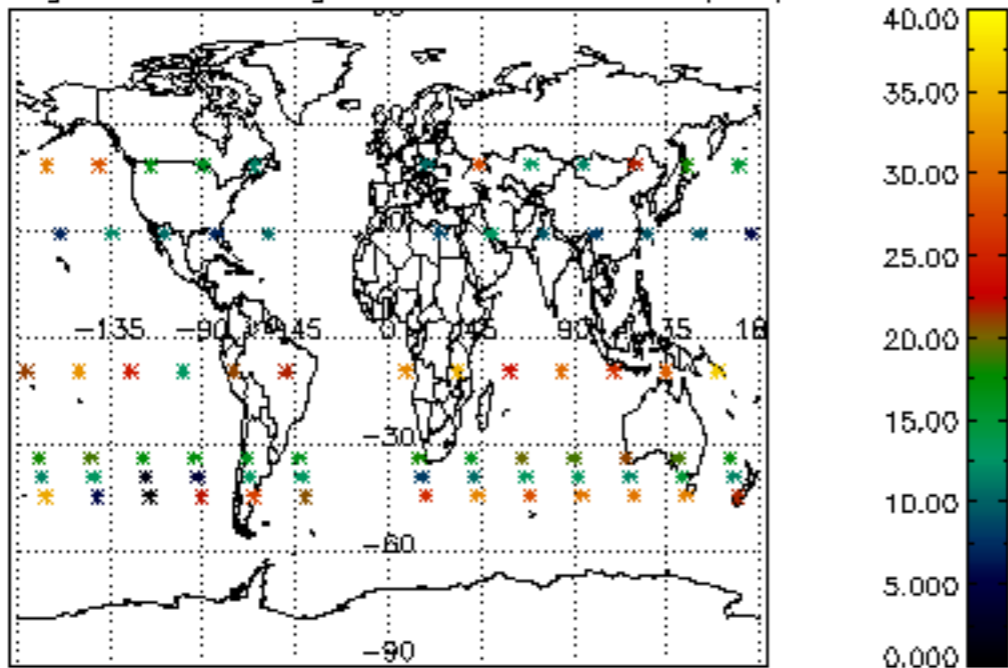
Percentage of cosmic ray hits per profile



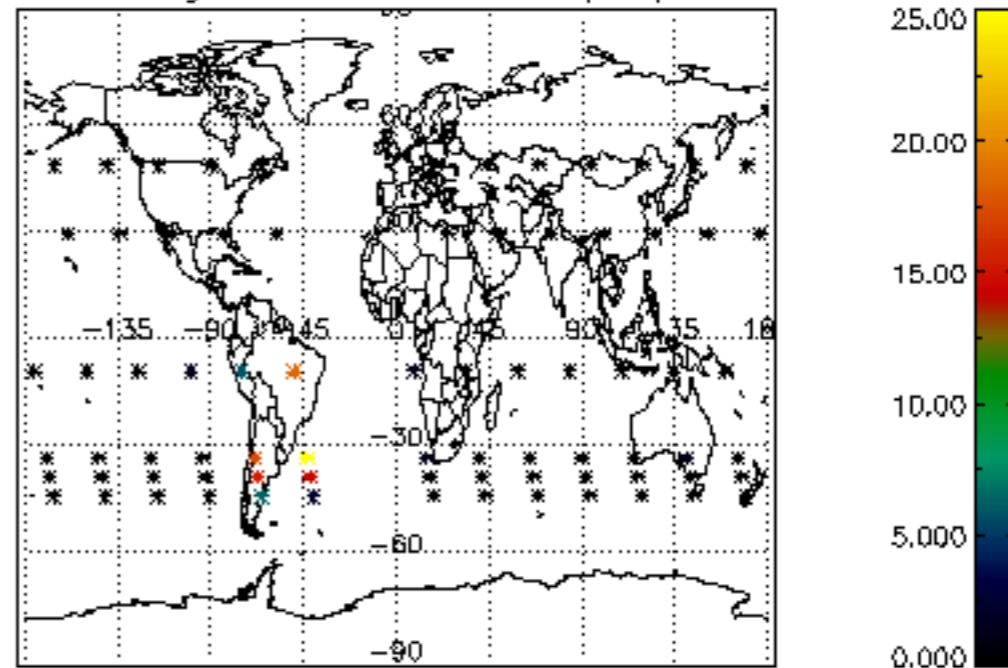
Percentage of datation errors per profile



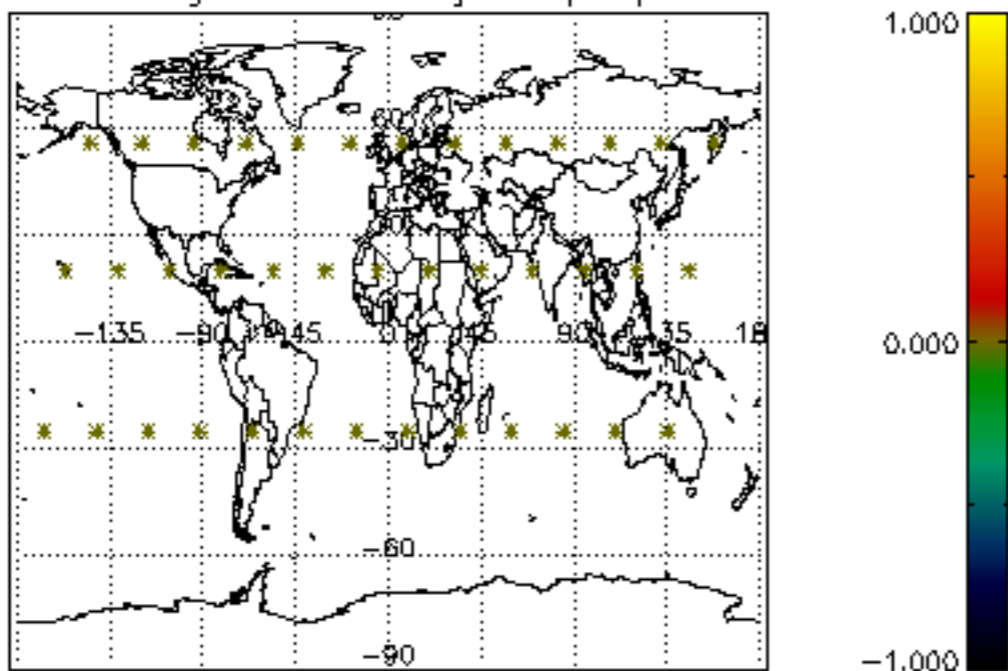
Percentage of star falling outside central band per profile



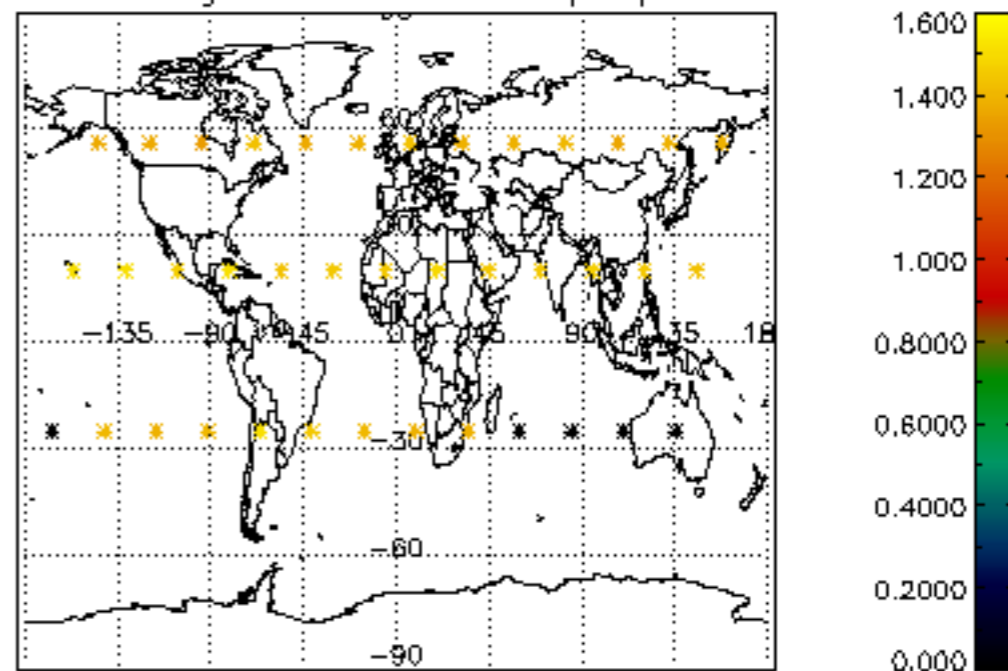
Percentage of saturation errors per profile



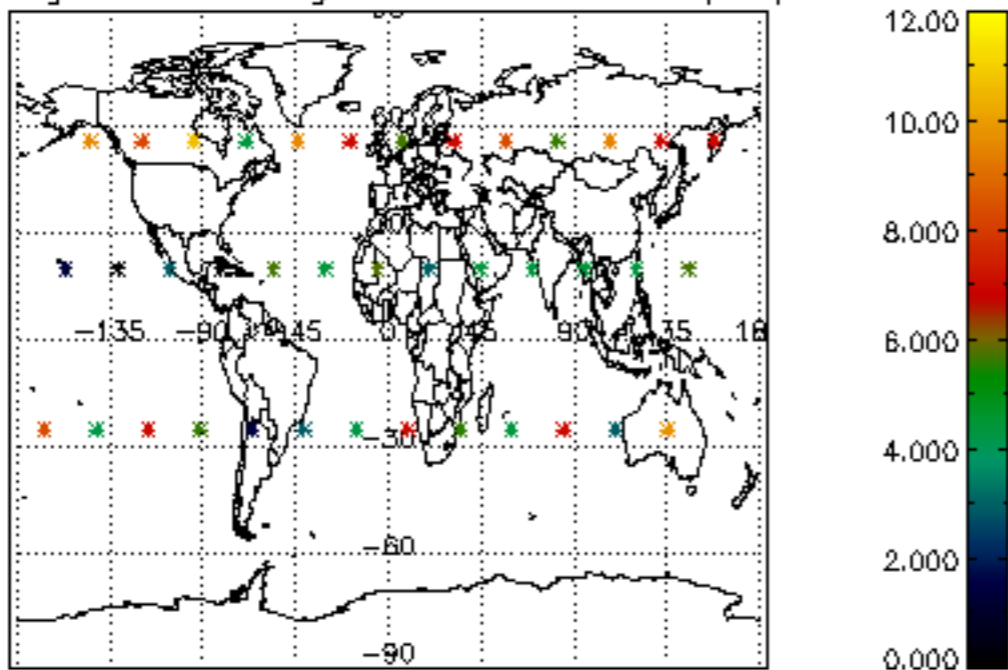
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

