

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 03:26:22
Data source version	GOMOS/6.01
Start time of products	20-08-2006 (20AUG2006 00:00:00)
Stop time of products	21-08-2006 (21AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	223
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__2PRFIN20060820_000027_000000372050_00274_23374_1026.N1	20-AUG-2006 00:00:27	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23374	No
2	GOM_NL__2PRFIN20060820_000324_000000342050_00274_23374_1027.N1	20-AUG-2006 00:03:24	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23374	No
3	GOM_NL__2PRFIN20060820_001746_000000302050_00274_23374_1028.N1	20-AUG-2006 00:17:46	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23374	No
4	GOM_NL__2PRFIN20060820_002448_000000332050_00274_23374_1029.N1	20-AUG-2006 00:24:48	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23374	No
5	GOM_NL__2PRFIN20060820_002627_000000312050_00274_23374_1030.N1	20-AUG-2006 00:26:27	Bright	31.000	66	37Gam Cyg	2.2080	5900.0	62	23374	No
6	GOM_NL__2PRFIN20060820_002751_000000292050_00274_23374_1031.N1	20-AUG-2006 00:27:51	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23374	No
7	GOM_NL__2PRFIN20060820_003317_000000312050_00274_23374_1032.N1	20-AUG-2006 00:33:17	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23374	No
8	GOM_NL__2PRFIN20060820_004031_000000302050_00274_23374_1033.N1	20-AUG-2006 00:40:31	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23374	No
9	GOM_NL__2PRFIN20060820_005928_000000322050_00274_23374_1034.N1	20-AUG-2006 00:59:28	Bright	31.500	170	27Eps Gem	3.0000	9700.0	63	23374	No
10	GOM_NL__2PRFIN20060820_010209_000000382050_00274_23374_1035.N1	20-AUG-2006 01:02:09	Twilight	37.500	44	24Gam Gem	1.9280	11000.	75	23374	No
11	GOM_NL__2PRFIN20060820_011122_000000432050_00274_23374_1036.N1	20-AUG-2006 01:11:22	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	23374	No
12	GOM_NL__2PRFIN20060820_012112_000000422050_00274_23374_1037.N1	20-AUG-2006 01:21:12	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	23374	No
13	GOM_NL__2PRFIN20060820_013202_000000402050_00275_23375_1146.N1	20-AUG-2006 01:32:02	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23375	No
14	GOM_NL__2PRFIN20060820_013728_000000382050_00275_23375_1147.N1	20-AUG-2006 01:37:28	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	23375	No
15	GOM_NL__2PRFIN20060820_014103_000000352050_00275_23375_1148.N1	20-AUG-2006 01:41:03	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	23375	No
16	GOM_NL__2PRFIN20060820_014400_000000342050_00275_23375_1149.N1	20-AUG-2006 01:44:00	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23375	No
17	GOM_NL__2PRFIN20060820_015822_000000292050_00275_23375_1150.N1	20-AUG-2006 01:58:22	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23375	No
18	GOM_NL__2PRFIN20060820_020523_000000332050_00275_23375_1151.N1	20-AUG-2006 02:05:23	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23375	No
19	GOM_NL__2PRFIN20060820_020703_000000322050_00275_23375_1152.N1	20-AUG-2006 02:07:03	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23375	No
20	GOM_NL__2PRFIN20060820_020827_000000282050_00275_23375_1153.N1	20-AUG-2006 02:08:27	Bright	28.000	144	18Del Cyg	2.8600	11000.	56	23375	No
21	GOM_NL__2PRFIN20060820_021353_000000312050_00275_23375_1154.N1	20-AUG-2006 02:13:53	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23375	No
22	GOM_NL__2PRFIN20060820_022107_000000292050_00275_23375_1155.N1	20-AUG-2006 02:21:07	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23375	No
23	GOM_NL__2PRFIN20060820_024004_000000442050_00275_23375_1156.N1	20-AUG-2006 02:40:04	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	23375	No
24	GOM_NL__2PRFIN20060820_024245_000000372050_00275_23375_1157.N1	20-AUG-2006 02:42:45	Twilight	37.000	44	24Gam Gem	1.9280	11000.	74	23375	No
25	GOM_NL__2PRFIN20060820_025158_000000382050_00275_23375_1158.N1	20-AUG-2006 02:51:58	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	23375	No
26	GOM_NL__2PRFIN20060820_025331_000000322050_00275_23375_1159.N1	20-AUG-2006 02:53:31	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23375	No
27	GOM_NL__2PRFIN20060820_025610_000000342050_00275_23375_1160.N1	20-AUG-2006 02:56:10	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23375	No
28	GOM_NL__2PRFIN20060820_030148_000000462050_00275_23375_1161.N1	20-AUG-2006 03:01:48	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23375	No
29	GOM_NL__2PRFIN20060820_031239_000000402050_00276_23376_1275.N1	20-AUG-2006 03:12:39	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23376	No
30	GOM_NL__2PRFIN20060820_031804_000000362050_00276_23376_1276.N1	20-AUG-2006 03:18:04	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23376	No
31	GOM_NL__2PRFIN20060820_032140_000000362050_00276_23376_1277.N1	20-AUG-2006 03:21:40	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23376	No
32	GOM_NL__2PRFIN20060820_032436_000000342050_00276_23376_1278.N1	20-AUG-2006 03:24:36	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23376	No
33	GOM_NL__2PRFIN20060820_033858_000000322050_00276_23376_1279.N1	20-AUG-2006 03:38:58	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23376	No
34	GOM_NL__2PRFIN20060820_034559_000000332050_00276_23376_1280.N1	20-AUG-2006 03:45:59	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23376	No
35	GOM_NL__2PRFIN20060820_034739_000000322050_00276_23376_1281.N1	20-AUG-2006 03:47:39	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23376	No
36	GOM_NL__2PRFIN20060820_034903_000000302050_00276_23376_1282.N1	20-AUG-2006 03:49:03	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23376	No
37	GOM_NL__2PRFIN20060820_035429_000000302050_00276_23376_1283.N1	20-AUG-2006 03:54:29	Bright	29.500	89	5Alp Cep	2.4510	8000.0	59	23376	No
38	GOM_NL__2PRFIN20060820_040143_000000302050_00276_23376_1284.N1	20-AUG-2006 04:01:43	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23376	No
39	GOM_NL__2PRFIN20060820_042040_000000332050_00276_23376_1285.N1	20-AUG-2006 04:20:40	Bright	33.000	170	27Eps Gem	3.0000	9700.0	66	23376	No
40	GOM_NL__2PRFIN20060820_042321_000000402050_00276_23376_1286.N1	20-AUG-2006 04:23:21	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	23376	No
41	GOM_NL__2PRFIN20060820_043234_000000392050_00276_23376_1287.N1	20-AUG-2006 04:32:34	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	23376	No
42	GOM_NL__2PRFIN20060820_043407_000000322050_00276_23376_1288.N1	20-AUG-2006 04:34:07	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23376	No

43	GOM_NL__2PRFIN20060820_043535_000000352050_00276_23376_1289.N1	20-AUG-2006 04: 35: 35	Dark	35.000	23	21Eps CMA	1.5020	26000.	70	23376	No
44	GOM_NL__2PRFIN20060820_043646_000000352050_00276_23376_1290.N1	20-AUG-2006 04: 36: 46	Dark	34.500	177	1Zet CMA	3.0220	26000.	69	23376	No
45	GOM_NL__2PRFIN20060820_044225_000000402050_00276_23376_1291.N1	20-AUG-2006 04: 42: 25	Dark	39.500	2	Alp Car	-0.73600	7000.0	79	23376	No
46	GOM_NL__2PRFIN20060820_045316_000000382050_00277_23377_1147.N1	20-AUG-2006 04: 53: 16	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23377	No
47	GOM_NL__2PRFIN20060820_045840_000000332050_00277_23377_1148.N1	20-AUG-2006 04: 58: 40	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23377	No
48	GOM_NL__2PRFIN20060820_050216_000000342050_00277_23377_1149.N1	20-AUG-2006 05: 02: 16	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	23377	No
49	GOM_NL__2PRFIN20060820_050512_000000352050_00277_23377_1150.N1	20-AUG-2006 05: 05: 12	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23377	No
50	GOM_NL__2PRFIN20060820_051934_000000332050_00277_23377_1151.N1	20-AUG-2006 05: 19: 34	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23377	No
51	GOM_NL__2PRFIN20060820_052635_000000312050_00277_23377_1152.N1	20-AUG-2006 05: 26: 35	Bright	30.500	92	53Eps Cyg	2.5000	4500.0	61	23377	No
52	GOM_NL__2PRFIN20060820_052815_000000332050_00277_23377_1153.N1	20-AUG-2006 05: 28: 15	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	23377	No
53	GOM_NL__2PRFIN20060820_052939_000000292050_00277_23377_1154.N1	20-AUG-2006 05: 29: 39	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23377	No
54	GOM_NL__2PRFIN20060820_053505_000000312050_00277_23377_1155.N1	20-AUG-2006 05: 35: 05	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23377	No
55	GOM_NL__2PRFIN20060820_054219_000000292050_00277_23377_1156.N1	20-AUG-2006 05: 42: 19	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23377	No
56	GOM_NL__2PRFIN20060820_060117_000000352050_00277_23377_1157.N1	20-AUG-2006 06: 01: 17	Bright	35.000	170	27Eps Gem	3.0000	9700.0	70	23377	No
57	GOM_NL__2PRFIN20060820_060358_000000352050_00277_23377_1158.N1	20-AUG-2006 06: 03: 58	Tw_i_and_stray	34.500	44	24Gam Gem	1.9280	11000.	69	23377	No
58	GOM_NL__2PRFIN20060820_061311_000000392050_00277_23377_1159.N1	20-AUG-2006 06: 13: 11	Dark	38.500	1	9Alp CMA	-1.4400	11000.	77	23377	No
59	GOM_NL__2PRFIN20060820_061443_000000322050_00277_23377_1160.N1	20-AUG-2006 06: 14: 43	Dark	32.000	179	24Omi2CMA	3.0320	24000.	64	23377	No
60	GOM_NL__2PRFIN20060820_061611_000000362050_00277_23377_1161.N1	20-AUG-2006 06: 16: 11	Dark	36.000	23	21Eps CMA	1.5020	26000.	72	23377	No
61	GOM_NL__2PRFIN20060820_061723_000000332050_00277_23377_1162.N1	20-AUG-2006 06: 17: 23	Dark	33.000	177	1Zet CMA	3.0220	26000.	66	23377	No
62	GOM_NL__2PRFIN20060820_062301_000000382050_00277_23377_1163.N1	20-AUG-2006 06: 23: 01	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	23377	No
63	GOM_NL__2PRFIN20060820_063352_000000372050_00278_23378_1148.N1	20-AUG-2006 06: 33: 52	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23378	No
64	GOM_NL__2PRFIN20060820_063917_000000332050_00278_23378_1149.N1	20-AUG-2006 06: 39: 17	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23378	No
65	GOM_NL__2PRFIN20060820_064252_000000362050_00278_23378_1150.N1	20-AUG-2006 06: 42: 52	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23378	No
66	GOM_NL__2PRFIN20060820_064548_000000342050_00278_23378_1151.N1	20-AUG-2006 06: 45: 48	Straylight	33.500	172	Gam Gru	3.0030	13100.	67	23378	No
67	GOM_NL__2PRFIN20060820_070010_000000332050_00278_23378_1152.N1	20-AUG-2006 07: 00: 10	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23378	No
68	GOM_NL__2PRFIN20060820_070711_000000302050_00278_23378_1153.N1	20-AUG-2006 07: 07: 11	Bright	29.500	92	53Eps Cyg	2.5000	4500.0	59	23378	No
69	GOM_NL__2PRFIN20060820_070851_000000322050_00278_23378_1154.N1	20-AUG-2006 07: 08: 51	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23378	No
70	GOM_NL__2PRFIN20060820_071015_000000302050_00278_23378_1155.N1	20-AUG-2006 07: 10: 15	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23378	No
71	GOM_NL__2PRFIN20060820_071540_000000322050_00278_23378_1156.N1	20-AUG-2006 07: 15: 40	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23378	No
72	GOM_NL__2PRFIN20060820_072255_000000292050_00278_23378_1157.N1	20-AUG-2006 07: 22: 55	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23378	No
73	GOM_NL__2PRFIN20060820_074153_000000362050_00278_23378_1158.N1	20-AUG-2006 07: 41: 53	Bright	35.500	170	27Eps Gem	3.0000	9700.0	71	23378	No
74	GOM_NL__2PRFIN20060820_074434_000000372050_00278_23378_1159.N1	20-AUG-2006 07: 44: 34	Tw_i_and_stray	36.500	44	24Gam Gem	1.9280	11000.	73	23378	No
75	GOM_NL__2PRFIN20060820_075347_000000432050_00278_23378_1160.N1	20-AUG-2006 07: 53: 47	Dark	43.000	1	9Alp CMA	-1.4400	11000.	86	23378	No
76	GOM_NL__2PRFIN20060820_075520_000000332050_00278_23378_1161.N1	20-AUG-2006 07: 55: 20	Dark	32.500	179	24Omi2CMA	3.0320	24000.	65	23378	No
77	GOM_NL__2PRFIN20060820_075647_000000322050_00278_23378_1162.N1	20-AUG-2006 07: 56: 47	Dark	32.000	23	21Eps CMA	1.5020	26000.	64	23378	No
78	GOM_NL__2PRFIN20060820_075759_000000322050_00278_23378_1163.N1	20-AUG-2006 07: 57: 59	Dark	32.000	177	1Zet CMA	3.0220	26000.	64	23378	No
79	GOM_NL__2PRFIN20060820_080337_000000442050_00278_23378_1164.N1	20-AUG-2006 08: 03: 37	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	23378	No
80	GOM_NL__2PRFIN20060820_095506_000000472050_00280_23380_1150.N1	20-AUG-2006 09: 55: 06	Dark	46.500	9	Alp Eri	0.45300	24000.	93	23380	No
81	GOM_NL__2PRFIN20060820_100029_000000342050_00280_23380_1151.N1	20-AUG-2006 10: 00: 29	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23380	No
82	GOM_NL__2PRFIN20060820_100405_000000382050_00280_23380_1152.N1	20-AUG-2006 10: 04: 05	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23380	No
83	GOM_NL__2PRFIN20060820_100701_000000352050_00280_23380_1153.N1	20-AUG-2006 10: 07: 01	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23380	No
84	GOM_NL__2PRFIN20060820_102122_000000322050_00280_23380_1154.N1	20-AUG-2006 10: 21: 22	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23380	No
85	GOM_NL__2PRFIN20060820_102822_000000312050_00280_23380_1155.N1	20-AUG-2006 10: 28: 22	Bright	31.000	92	53Eps Cyg	2.5000	4500.0	62	23380	No
86	GOM_NL__2PRFIN20060820_103003_000000322050_00280_23380_1156.N1	20-AUG-2006 10: 30: 03	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23380	No
87	GOM_NL__2PRFIN20060820_103127_000000292050_00280_23380_1157.N1	20-AUG-2006 10: 31: 27	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23380	No
88	GOM_NL__2PRFIN20060820_103652_000000322050_00280_23380_1158.N1	20-AUG-2006 10: 36: 52	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23380	No
89	GOM_NL__2PRFIN20060820_104406_000000302050_00280_23380_1159.N1	20-AUG-2006 10: 44: 06	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23380	No
90	GOM_NL__2PRFIN20060820_110305_000000432050_00280_23380_1160.N1	20-AUG-2006 11: 03: 05	Bright	43.000	170	27Eps Gem	3.0000	9700.0	86	23380	No
91	GOM_NL__2PRFIN20060820_110546_000000352050_00280_23380_1161.N1	20-AUG-2006 11: 05: 46	Tw_i_and_stray	35.000	44	24Gam Gem	1.9280	11000.	70	23380	No
92	GOM_NL__2PRFIN20060820_111500_000000412050_00280_23380_1162.N1	20-AUG-2006 11: 15: 00	Dark	41.000	1	9Alp CMA	-1.4400	11000.	82	23380	No
93	GOM_NL__2PRFIN20060820_111632_000000342050_00280_23380_1163.N1	20-AUG-2006 11: 16: 32	Dark	34.000	179	24Omi2CMA	3.0320	24000.	68	23380	No
94	GOM_NL__2PRFIN20060820_111800_000000362050_00280_23380_1164.N1	20-AUG-2006 11: 18: 00	Dark	36.000	23	21Eps CMA	1.5020	26000.	72	23380	No
95	GOM_NL__2PRFIN20060820_111912_000000342050_00280_23380_1165.N1	20-AUG-2006 11: 19: 12	Dark	33.500	177	1Zet CMA	3.0220	26000.	67	23380	No
96	GOM_NL__2PRFIN20060820_112450_000000412050_00280_23380_1166.N1	20-AUG-2006 11: 24: 50	Dark	41.000	2	Alp Car	-0.73600	7000.0	82	23380	No
97	GOM_NL__2PRFIN20060820_113542_000000402050_00281_23381_1151.N1	20-AUG-2006 11: 35: 42	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23381	No
98	GOM_NL__2PRFIN20060820_114105_000000342050_00281_23381_1152.N1	20-AUG-2006 11: 41: 05	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23381	No
99	GOM_NL__2PRFIN20060820_114441_000000362050_00281_23381_1153.N1	20-AUG-2006 11: 44: 41	Straylight	35.500	31	Alp Gru	1.7340	15200.	71	23381	No
100	GOM_NL__2PRFIN20060820_114737_000000332050_00281_23381_1154.N1	20-AUG-2006 11: 47: 37	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	23381	No
101	GOM_NL__2PRFIN20060820_120158_000000322050_00281_23381_1155.N1	20-AUG-2006 12: 01: 58	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23381	No

102	GOM_NL__2PRFIN20060820_120858_000000302050_00281_23381_1156.N1	20-AUG-2006 12:08:58	Bright	29.500	92	53Eps Cyg	2.5000	4500.0	59	23381	No
103	GOM_NL__2PRFIN20060820_121038_000000312050_00281_23381_1157.N1	20-AUG-2006 12:10:38	Bright	31.000	66	37Gam Cyg	2.2080	5900.0	62	23381	No
104	GOM_NL__2PRFIN20060820_121203_000000292050_00281_23381_1158.N1	20-AUG-2006 12:12:03	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23381	No
105	GOM_NL__2PRFIN20060820_121727_000000312050_00281_23381_1159.N1	20-AUG-2006 12:17:27	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23381	No
106	GOM_NL__2PRFIN20060820_122442_000000302050_00281_23381_1160.N1	20-AUG-2006 12:24:42	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23381	No
107	GOM_NL__2PRFIN20060820_124341_000000372050_00281_23381_1161.N1	20-AUG-2006 12:43:41	Bright	36.500	170	27Eps Gem	3.0000	9700.0	73	23381	No
108	GOM_NL__2PRFIN20060820_124622_000000372050_00281_23381_1162.N1	20-AUG-2006 12:46:22	Twilight	37.000	44	24Gam Gem	1.9280	11000.	74	23381	No
109	GOM_NL__2PRFIN20060820_125536_000000442050_00281_23381_1163.N1	20-AUG-2006 12:55:36	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	23381	No
110	GOM_NL__2PRFIN20060820_125709_000000322050_00281_23381_1164.N1	20-AUG-2006 12:57:09	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23381	No
111	GOM_NL__2PRFIN20060820_125836_000000362050_00281_23381_1165.N1	20-AUG-2006 12:58:36	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23381	No
112	GOM_NL__2PRFIN20060820_125948_000000352050_00281_23381_1166.N1	20-AUG-2006 12:59:48	Dark	35.000	177	1Zet CMa	3.0220	26000.	70	23381	No
113	GOM_NL__2PRFIN20060820_130526_000000452050_00281_23381_1167.N1	20-AUG-2006 13:05:26	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	23381	No
114	GOM_NL__2PRFIN20060820_131619_000000402050_00282_23382_1152.N1	20-AUG-2006 13:16:19	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23382	No
115	GOM_NL__2PRFIN20060820_132142_000000362050_00282_23382_1153.N1	20-AUG-2006 13:21:42	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23382	No
116	GOM_NL__2PRFIN20060820_132517_000000332050_00282_23382_1154.N1	20-AUG-2006 13:25:17	Straylight	33.000	31	Alp Gru	1.7340	15200.	66	23382	No
117	GOM_NL__2PRFIN20060820_132813_000000322050_00282_23382_1155.N1	20-AUG-2006 13:28:13	Straylight	31.500	172	Gam Gru	3.0030	13100.	63	23382	No
118	GOM_NL__2PRFIN20060820_134235_000000322050_00282_23382_1156.N1	20-AUG-2006 13:42:35	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23382	No
119	GOM_NL__2PRFIN20060820_134934_000000332050_00282_23382_1157.N1	20-AUG-2006 13:49:34	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23382	No
120	GOM_NL__2PRFIN20060820_135114_000000312050_00282_23382_1158.N1	20-AUG-2006 13:51:14	Bright	30.500	66	37Gam Cyg	2.2080	5900.0	61	23382	No
121	GOM_NL__2PRFIN20060820_135239_000000302050_00282_23382_1159.N1	20-AUG-2006 13:52:39	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23382	No
122	GOM_NL__2PRFIN20060820_135803_000000312050_00282_23382_1160.N1	20-AUG-2006 13:58:03	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23382	No
123	GOM_NL__2PRFIN20060820_140518_000000292050_00282_23382_1161.N1	20-AUG-2006 14:05:18	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23382	No
124	GOM_NL__2PRFIN20060820_142417_000000342050_00282_23382_1162.N1	20-AUG-2006 14:24:17	Bright	34.000	170	27Eps Gem	3.0000	9700.0	68	23382	No
125	GOM_NL__2PRFIN20060820_142658_000000402050_00282_23382_1163.N1	20-AUG-2006 14:26:58	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	23382	No
126	GOM_NL__2PRFIN20060820_143612_000000372050_00282_23382_1164.N1	20-AUG-2006 14:36:12	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	23382	No
127	GOM_NL__2PRFIN20060820_143745_000000332050_00282_23382_1165.N1	20-AUG-2006 14:37:45	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23382	No
128	GOM_NL__2PRFIN20060820_143912_000000362050_00282_23382_1166.N1	20-AUG-2006 14:39:12	Dark	35.500	23	21Eps CMa	1.5020	26000.	71	23382	No
129	GOM_NL__2PRFIN20060820_144025_000000342050_00282_23382_1167.N1	20-AUG-2006 14:40:25	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23382	No
130	GOM_NL__2PRFIN20060820_144602_000000472050_00282_23382_1168.N1	20-AUG-2006 14:46:02	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	23382	No
131	GOM_NL__2PRFIN20060820_145655_000000392050_00283_23383_1153.N1	20-AUG-2006 14:56:55	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23383	No
132	GOM_NL__2PRFIN20060820_150217_000000352050_00283_23383_1154.N1	20-AUG-2006 15:02:17	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23383	No
133	GOM_NL__2PRFIN20060820_150554_000000412050_00283_23383_1155.N1	20-AUG-2006 15:05:54	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23383	No
134	GOM_NL__2PRFIN20060820_150849_000000332050_00283_23383_1156.N1	20-AUG-2006 15:08:49	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	23383	No
135	GOM_NL__2PRFIN20060820_152310_000000292050_00283_23383_1157.N1	20-AUG-2006 15:23:10	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23383	No
136	GOM_NL__2PRFIN20060820_153010_000000332050_00283_23383_1158.N1	20-AUG-2006 15:30:10	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	23383	No
137	GOM_NL__2PRFIN20060820_153150_000000332050_00283_23383_1159.N1	20-AUG-2006 15:31:50	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	23383	No
138	GOM_NL__2PRFIN20060820_153315_000000292050_00283_23383_1160.N1	20-AUG-2006 15:33:15	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23383	No
139	GOM_NL__2PRFIN20060820_153839_000000312050_00283_23383_1161.N1	20-AUG-2006 15:38:39	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23383	No
140	GOM_NL__2PRFIN20060820_154554_000000302050_00283_23383_1162.N1	20-AUG-2006 15:45:54	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23383	No
141	GOM_NL__2PRFIN20060820_160453_000000362050_00283_23383_1163.N1	20-AUG-2006 16:04:53	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	23383	No
142	GOM_NL__2PRFIN20060820_160735_000000392050_00283_23383_1164.N1	20-AUG-2006 16:07:35	Twilight	38.500	44	24Gam Gem	1.9280	11000.	77	23383	No
143	GOM_NL__2PRFIN20060820_161648_000000412050_00283_23383_1165.N1	20-AUG-2006 16:16:48	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	23383	No
144	GOM_NL__2PRFIN20060820_161821_000000342050_00283_23383_1166.N1	20-AUG-2006 16:18:21	Dark	34.000	179	24Omi2CMa	3.0320	24000.	68	23383	No
145	GOM_NL__2PRFIN20060820_161948_000000372050_00283_23383_1167.N1	20-AUG-2006 16:19:48	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	23383	No
146	GOM_NL__2PRFIN20060820_162101_000000342050_00283_23383_1168.N1	20-AUG-2006 16:21:01	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23383	No
147	GOM_NL__2PRFIN20060820_162638_000000472050_00283_23383_1169.N1	20-AUG-2006 16:26:38	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	23383	No
148	GOM_NL__2PRFIN20060820_163732_000000392050_00284_23384_1153.N1	20-AUG-2006 16:37:32	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23384	No
149	GOM_NL__2PRFIN20060820_164254_000000332050_00284_23384_1154.N1	20-AUG-2006 16:42:54	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23384	No
150	GOM_NL__2PRFIN20060820_164630_000000372050_00284_23384_1155.N1	20-AUG-2006 16:46:30	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23384	No
151	GOM_NL__2PRFIN20060820_164925_000000352050_00284_23384_1156.N1	20-AUG-2006 16:49:25	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23384	No
152	GOM_NL__2PRFIN20060820_170347_000000322050_00284_23384_1157.N1	20-AUG-2006 17:03:47	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23384	No
153	GOM_NL__2PRFIN20060820_171046_000000322050_00284_23384_1158.N1	20-AUG-2006 17:10:46	Bright	32.000	92	53Eps Cyg	2.5000	4500.0	64	23384	No
154	GOM_NL__2PRFIN20060820_171226_000000322050_00284_23384_1159.N1	20-AUG-2006 17:12:26	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23384	No
155	GOM_NL__2PRFIN20060820_171351_000000312050_00284_23384_1160.N1	20-AUG-2006 17:13:51	Bright	30.500	144	18Del Cyg	2.8600	11000.	61	23384	No
156	GOM_NL__2PRFIN20060820_171914_000000312050_00284_23384_1161.N1	20-AUG-2006 17:19:14	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23384	No
157	GOM_NL__2PRFIN20060820_172630_000000302050_00284_23384_1162.N1	20-AUG-2006 17:26:30	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23384	No
158	GOM_NL__2PRFIN20060820_174530_000000342050_00284_23384_1163.N1	20-AUG-2006 17:45:30	Bright	33.500	170	27Eps Gem	3.0000	9700.0	67	23384	No
159	GOM_NL__2PRFIN20060820_174811_000000382050_00284_23384_1164.N1	20-AUG-2006 17:48:11	Twilight	37.500	44	24Gam Gem	1.9280	11000.	75	23384	No
160	GOM_NL__2PRFIN20060820_175725_000000392050_00284_23384_1165.N1	20-AUG-2006 17:57:25	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	23384	No

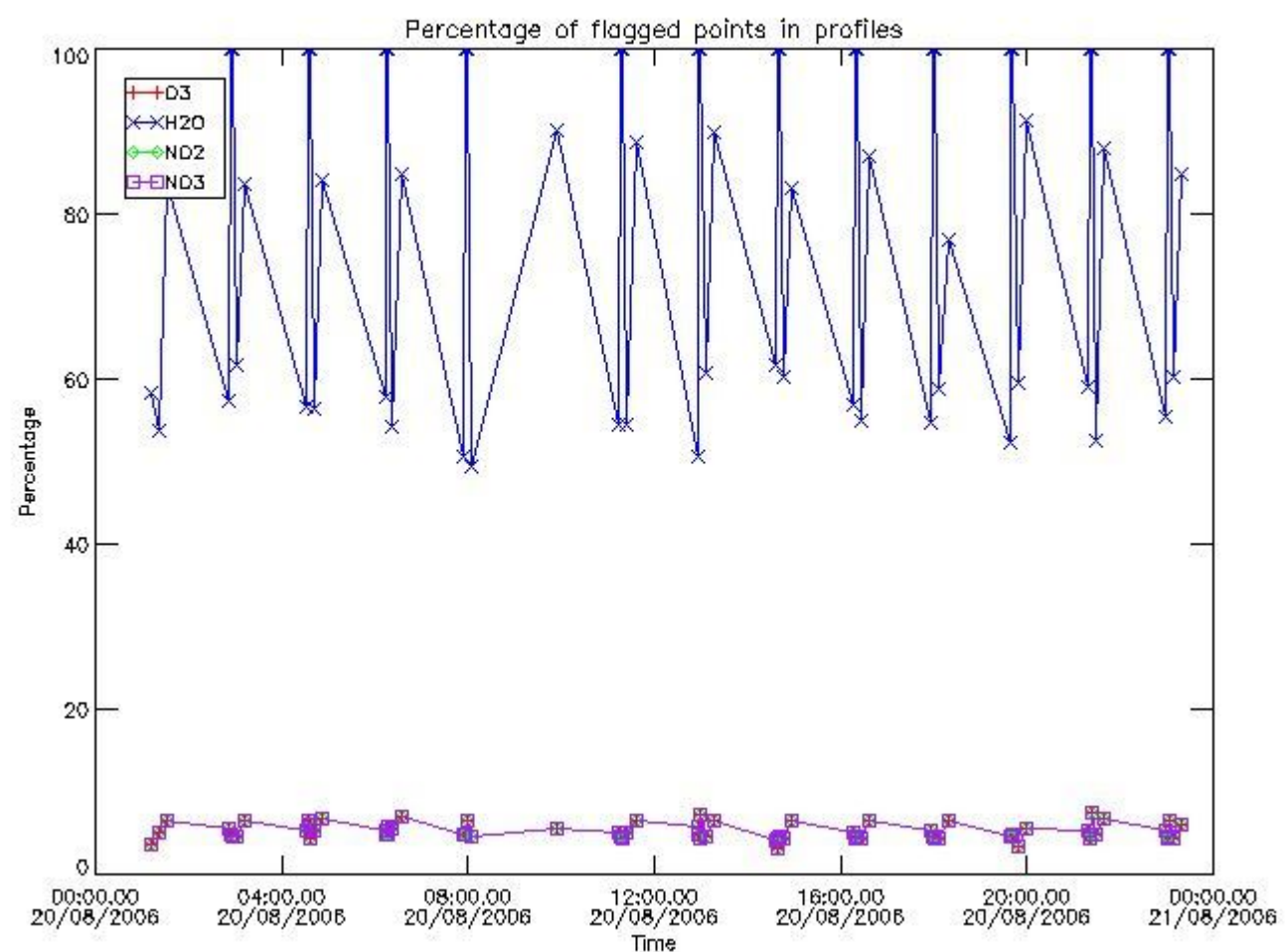
161	GOM_NL__2PRFIN20060820_175857_000000342050_00284_23384_1166.N1	20-AUG-2006 17:58:57	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23384	No
162	GOM_NL__2PRFIN20060820_180025_000000352050_00284_23384_1167.N1	20-AUG-2006 18:00:25	Dark	35.000	23	21Eps CMa	1.5020	26000.	70	23384	No
163	GOM_NL__2PRFIN20060820_180137_000000342050_00284_23384_1168.N1	20-AUG-2006 18:01:37	Dark	34.000	177	1Zet CMa	3.0220	26000.	68	23384	No
164	GOM_NL__2PRFIN20060820_180715_000000472050_00284_23384_1169.N1	20-AUG-2006 18:07:15	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	23384	No
165	GOM_NL__2PRFIN20060820_181809_000000402050_00285_23385_1155.N1	20-AUG-2006 18:18:09	Dark	39.500	9	Alp Eri	0.45300	24000.	79	23385	No
166	GOM_NL__2PRFIN20060820_182330_000000322050_00285_23385_1156.N1	20-AUG-2006 18:23:30	Straylight	31.500	148	Alp Tuc	2.8780	4100.0	63	23385	No
167	GOM_NL__2PRFIN20060820_182706_000000332050_00285_23385_1157.N1	20-AUG-2006 18:27:06	Straylight	33.000	31	Alp Gru	1.7340	15200.	66	23385	No
168	GOM_NL__2PRFIN20060820_183002_000000352050_00285_23385_1158.N1	20-AUG-2006 18:30:02	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23385	No
169	GOM_NL__2PRFIN20060820_184423_000000322050_00285_23385_1159.N1	20-AUG-2006 18:44:23	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23385	No
170	GOM_NL__2PRFIN20060820_185122_000000322050_00285_23385_1160.N1	20-AUG-2006 18:51:22	Bright	32.000	92	53Eps Cyg	2.5000	4500.0	64	23385	No
171	GOM_NL__2PRFIN20060820_185302_000000302050_00285_23385_1161.N1	20-AUG-2006 18:53:02	Bright	30.000	66	37Gam Cyg	2.2080	5900.0	60	23385	No
172	GOM_NL__2PRFIN20060820_185427_000000292050_00285_23385_1162.N1	20-AUG-2006 18:54:27	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23385	No
173	GOM_NL__2PRFIN20060820_185950_000000312050_00285_23385_1163.N1	20-AUG-2006 18:59:50	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23385	No
174	GOM_NL__2PRFIN20060820_190706_000000302050_00285_23385_1164.N1	20-AUG-2006 19:07:06	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23385	No
175	GOM_NL__2PRFIN20060820_192606_000000322050_00285_23385_1165.N1	20-AUG-2006 19:26:06	Bright	32.000	170	27Eps Gem	3.0000	9700.0	64	23385	No
176	GOM_NL__2PRFIN20060820_192847_000000372050_00285_23385_1166.N1	20-AUG-2006 19:28:47	Tw_i_and_stray	37.000	44	24Gam Gem	1.9280	11000.	74	23385	No
177	GOM_NL__2PRFIN20060820_193801_000000452050_00285_23385_1167.N1	20-AUG-2006 19:38:01	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	23385	No
178	GOM_NL__2PRFIN20060820_193933_000000342050_00285_23385_1168.N1	20-AUG-2006 19:39:33	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23385	No
179	GOM_NL__2PRFIN20060820_194101_000000342050_00285_23385_1169.N1	20-AUG-2006 19:41:01	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23385	No
180	GOM_NL__2PRFIN20060820_194214_000000332050_00285_23385_1170.N1	20-AUG-2006 19:42:14	Dark	32.500	177	1Zet CMa	3.0220	26000.	65	23385	No
181	GOM_NL__2PRFIN20060820_194751_000000452050_00285_23385_1171.N1	20-AUG-2006 19:47:51	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	23385	No
182	GOM_NL__2PRFIN20060820_195845_000000472050_00286_23386_1186.N1	20-AUG-2006 19:58:45	Dark	47.000	9	Alp Eri	0.45300	24000.	94	23386	No
183	GOM_NL__2PRFIN20060820_200407_000000322050_00286_23386_1187.N1	20-AUG-2006 20:04:07	Straylight	31.500	148	Alp Tuc	2.8780	4100.0	63	23386	No
184	GOM_NL__2PRFIN20060820_200742_000000372050_00286_23386_1188.N1	20-AUG-2006 20:07:42	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23386	No
185	GOM_NL__2PRFIN20060820_201038_000000342050_00286_23386_1189.N1	20-AUG-2006 20:10:38	Straylight	33.500	172	Gam Gru	3.0030	13100.	67	23386	No
186	GOM_NL__2PRFIN20060820_202459_000000312050_00286_23386_1190.N1	20-AUG-2006 20:24:59	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23386	No
187	GOM_NL__2PRFIN20060820_203158_000000322050_00286_23386_1191.N1	20-AUG-2006 20:31:58	Bright	32.000	92	53Eps Cyg	2.5000	4500.0	64	23386	No
188	GOM_NL__2PRFIN20060820_203338_000000282050_00286_23386_1192.N1	20-AUG-2006 20:33:38	Bright	28.000	66	37Gam Cyg	2.2080	5900.0	56	23386	No
189	GOM_NL__2PRFIN20060820_203503_000000292050_00286_23386_1193.N1	20-AUG-2006 20:35:03	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23386	No
190	GOM_NL__2PRFIN20060820_204026_000000322050_00286_23386_1194.N1	20-AUG-2006 20:40:26	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23386	No
191	GOM_NL__2PRFIN20060820_204742_000000292050_00286_23386_1195.N1	20-AUG-2006 20:47:42	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23386	No
192	GOM_NL__2PRFIN20060820_210642_000000382050_00286_23386_1196.N1	20-AUG-2006 21:06:42	Bright	37.500	170	27Eps Gem	3.0000	9700.0	75	23386	No
193	GOM_NL__2PRFIN20060820_210923_000000352050_00286_23386_1197.N1	20-AUG-2006 21:09:23	Tw_i_and_stray	34.500	44	24Gam Gem	1.9280	11000.	69	23386	No
194	GOM_NL__2PRFIN20060820_211838_000000402050_00286_23386_1198.N1	20-AUG-2006 21:18:38	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	23386	No
195	GOM_NL__2PRFIN20060820_212010_000000322050_00286_23386_1199.N1	20-AUG-2006 21:20:10	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23386	No
196	GOM_NL__2PRFIN20060820_212137_000000372050_00286_23386_1200.N1	20-AUG-2006 21:21:37	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	23386	No
197	GOM_NL__2PRFIN20060820_212250_000000342050_00286_23386_1201.N1	20-AUG-2006 21:22:50	Dark	34.000	177	1Zet CMa	3.0220	26000.	68	23386	No
198	GOM_NL__2PRFIN20060820_212827_000000432050_00286_23386_1202.N1	20-AUG-2006 21:28:27	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	23386	No
199	GOM_NL__2PRFIN20060820_213922_000000382050_00287_23387_1187.N1	20-AUG-2006 21:39:22	Dark	37.500	9	Alp Eri	0.45300	24000.	75	23387	No
200	GOM_NL__2PRFIN20060820_214443_000000332050_00287_23387_1188.N1	20-AUG-2006 21:44:43	Straylight	32.500	148	Alp Tuc	2.8780	4100.0	65	23387	No
201	GOM_NL__2PRFIN20060820_214819_000000352050_00287_23387_1189.N1	20-AUG-2006 21:48:19	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	23387	No
202	GOM_NL__2PRFIN20060820_215114_000000352050_00287_23387_1190.N1	20-AUG-2006 21:51:14	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23387	No
203	GOM_NL__2PRFIN20060820_220535_000000312050_00287_23387_1191.N1	20-AUG-2006 22:05:35	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23387	No
204	GOM_NL__2PRFIN20060820_221233_000000312050_00287_23387_1192.N1	20-AUG-2006 22:12:33	Bright	31.000	92	53Eps Cyg	2.5000	4500.0	62	23387	No
205	GOM_NL__2PRFIN20060820_221414_000000302050_00287_23387_1193.N1	20-AUG-2006 22:14:14	Bright	29.500	66	37Gam Cyg	2.2080	5900.0	59	23387	No
206	GOM_NL__2PRFIN20060820_221539_000000282050_00287_23387_1194.N1	20-AUG-2006 22:15:39	Bright	28.000	144	18Del Cyg	2.8600	11000.	56	23387	No
207	GOM_NL__2PRFIN20060820_222101_000000312050_00287_23387_1195.N1	20-AUG-2006 22:21:01	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23387	No
208	GOM_NL__2PRFIN20060820_222818_000000312050_00287_23387_1196.N1	20-AUG-2006 22:28:18	Bright	31.000	49	1Alp UMi	1.9900	6300.0	62	23387	No
209	GOM_NL__2PRFIN20060820_224718_000000332050_00287_23387_1197.N1	20-AUG-2006 22:47:18	Bright	32.500	170	27Eps Gem	3.0000	9700.0	65	23387	No
210	GOM_NL__2PRFIN20060820_225000_000000342050_00287_23387_1198.N1	20-AUG-2006 22:50:00	Tw_i_and_stray	33.500	44	24Gam Gem	1.9280	11000.	67	23387	No
211	GOM_NL__2PRFIN20060820_225914_000000392050_00287_23387_1199.N1	20-AUG-2006 22:59:14	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	23387	No
212	GOM_NL__2PRFIN20060820_230046_000000342050_00287_23387_1200.N1	20-AUG-2006 23:00:46	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23387	No
213	GOM_NL__2PRFIN20060820_230213_000000362050_00287_23387_1201.N1	20-AUG-2006 23:02:13	Dark	35.500	23	21Eps CMa	1.5020	26000.	71	23387	No
214	GOM_NL__2PRFIN20060820_230326_000000322050_00287_23387_1202.N1	20-AUG-2006 23:03:26	Dark	32.000	177	1Zet CMa	3.0220	26000.	64	23387	No
215	GOM_NL__2PRFIN20060820_230903_000000472050_00287_23387_1203.N1	20-AUG-2006 23:09:03	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	23387	No
216	GOM_NL__2PRFIN20060820_231958_000000432050_00288_23388_1188.N1	20-AUG-2006 23:19:58	Dark	43.000	9	Alp Eri	0.45300	24000.	86	23388	No
217	GOM_NL__2PRFIN20060820_232519_000000342050_00288_23388_1189.N1	20-AUG-2006 23:25:19	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23388	No
218	GOM_NL__2PRFIN20060820_232855_000000382050_00288_23388_1190.N1	20-AUG-2006 23:28:55	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23388	No
219	GOM_NL__2PRFIN20060820_233150_000000342050_00288_23388_1191.N1	20-AUG-2006 23:31:50	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23388	No

220	GOM_NL__2PRFIN20060820_234611_000000312050_00288_23388_1192.N1	20-AUG-2006 23:46:11	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23388	No
221	GOM_NL__2PRFIN20060820_235309_000000332050_00288_23388_1193.N1	20-AUG-2006 23:53:09	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23388	No
222	GOM_NL__2PRFIN20060820_235450_000000312050_00288_23388_1194.N1	20-AUG-2006 23:54:50	Bright	30.500	66	37Gam Cyg	2.2080	5900.0	61	23388	No
223	GOM_NL__2PRFIN20060820_235615_000000292050_00288_23388_1195.N1	20-AUG-2006 23:56:15	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23388	No

### 3. Quality information per product

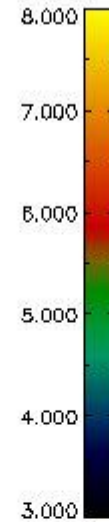
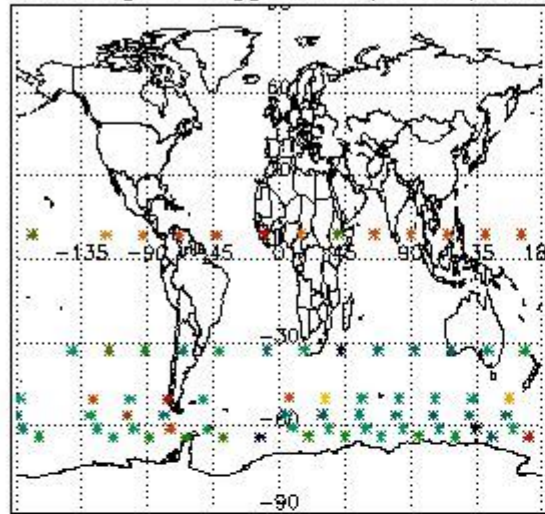
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

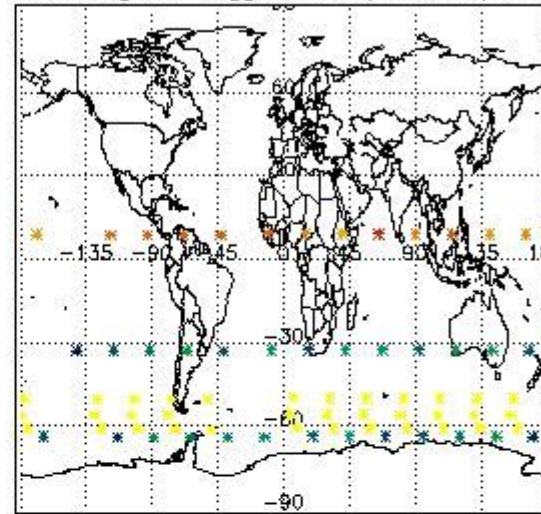


#### 3.2 Plot quality information per product (world map)

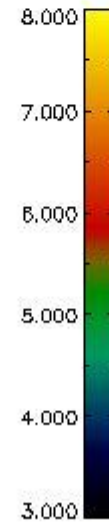
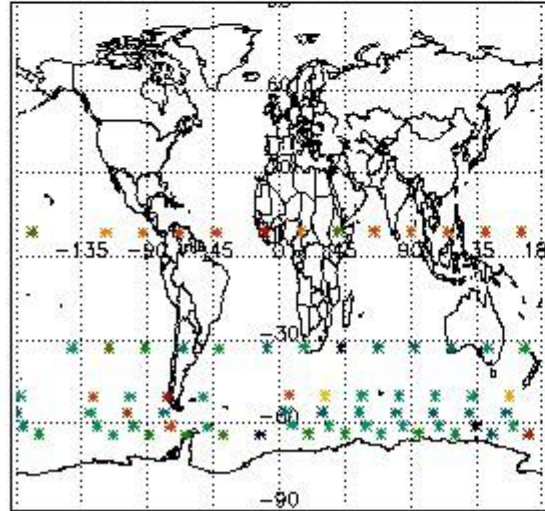
Percentage of flagged data per O3 profile



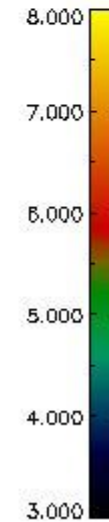
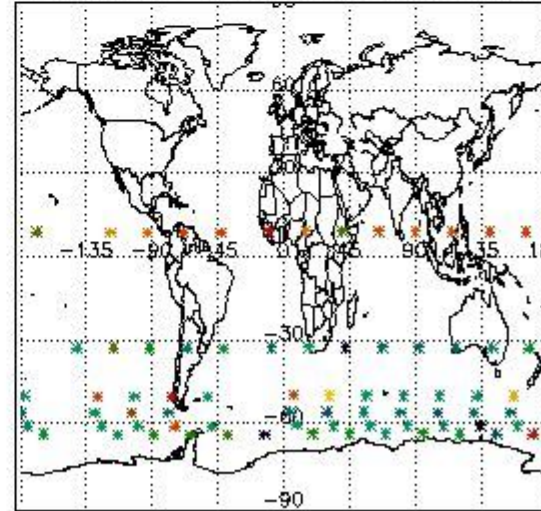
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

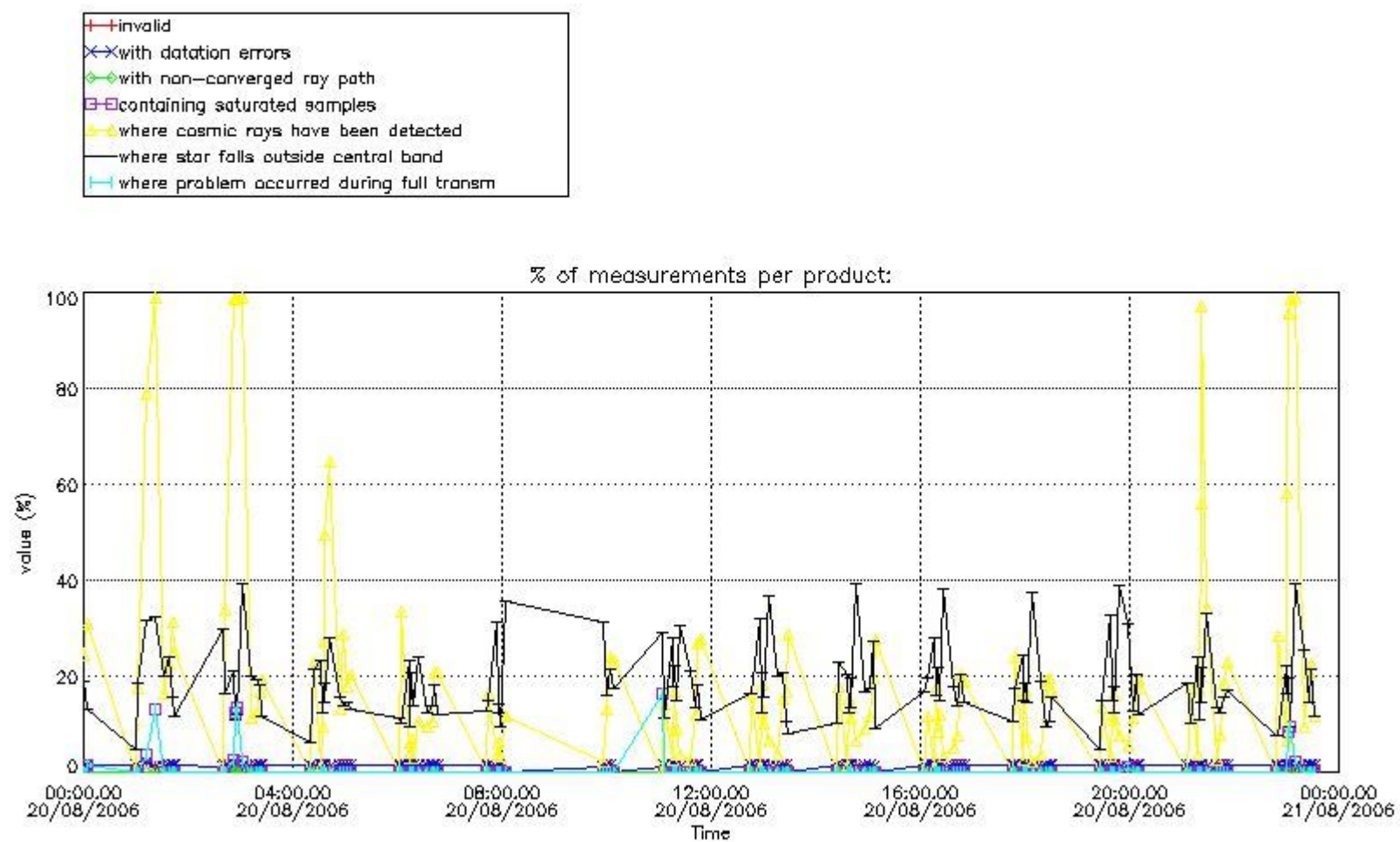


#### 4. Level 1 quality information per product

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.

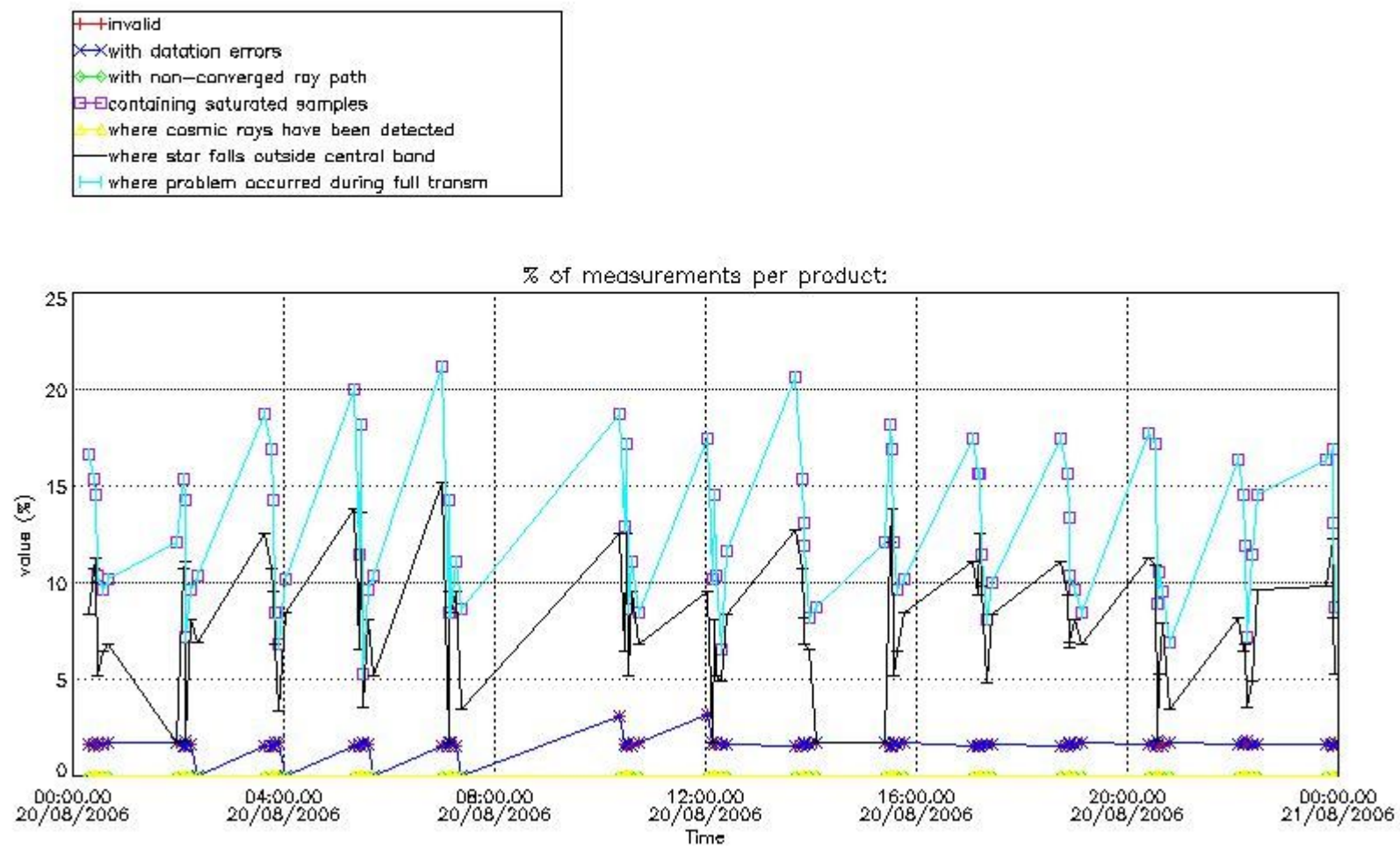
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

##### 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

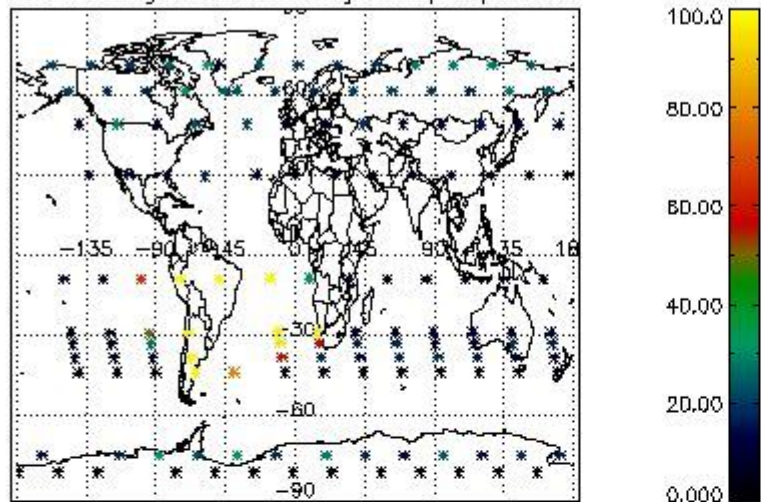




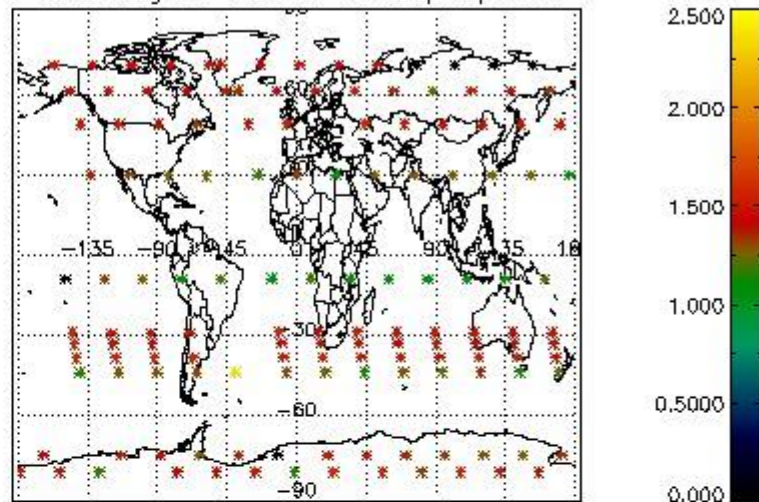
4.2 Plot quality information per product coming from level 1b processing (world map)

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

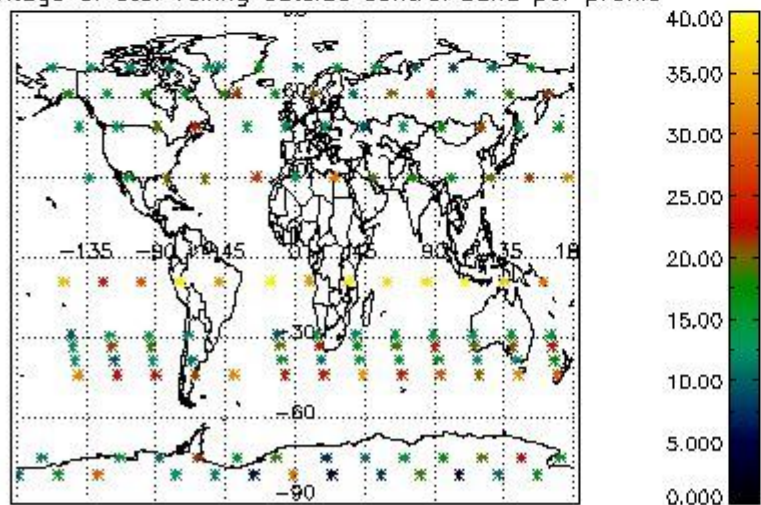
Percentage of cosmic ray hits per profile



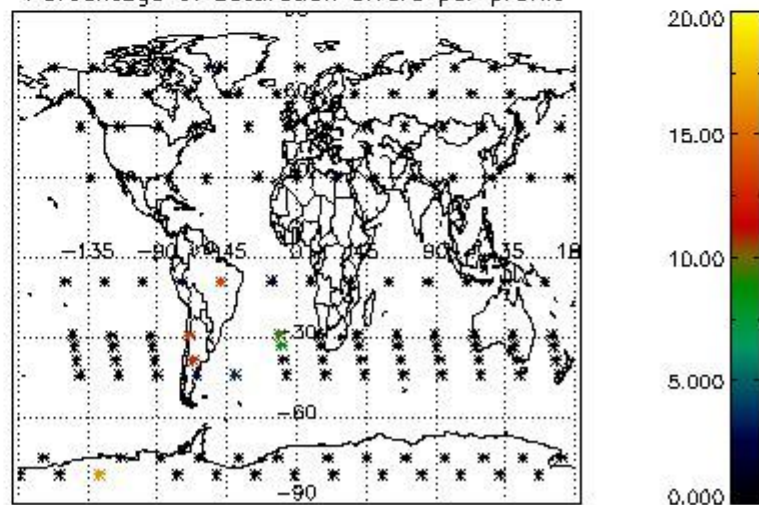
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

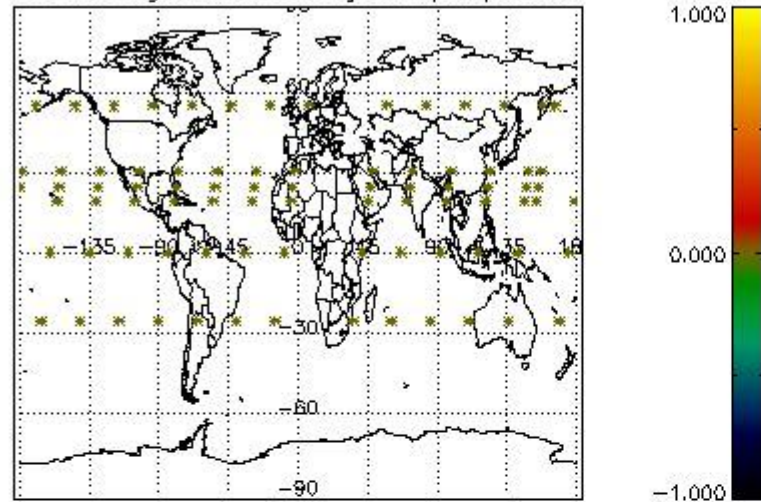


Percentage of saturation errors per profile

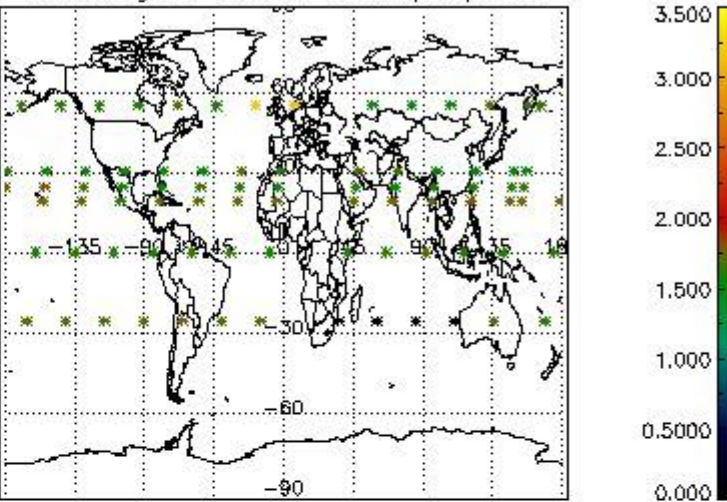


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

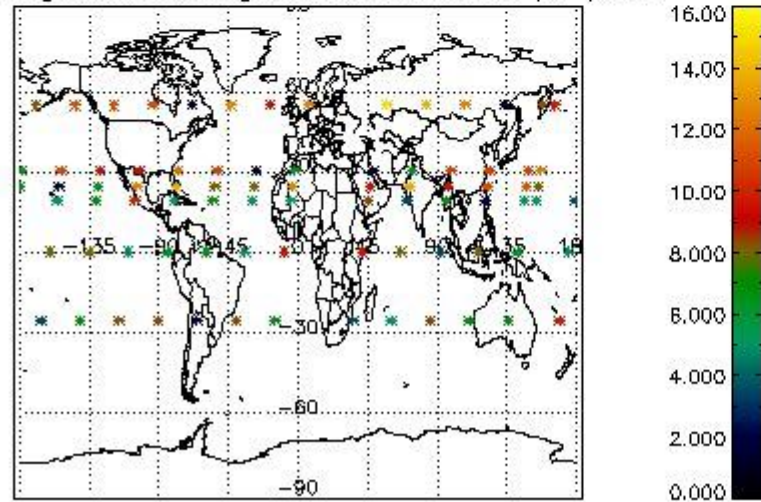
Percentage of cosmic ray hits per profile



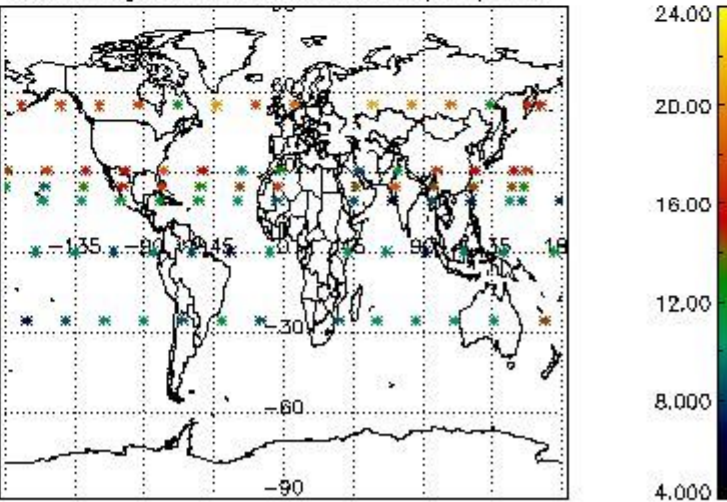
Percentage of datation errors per profile



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

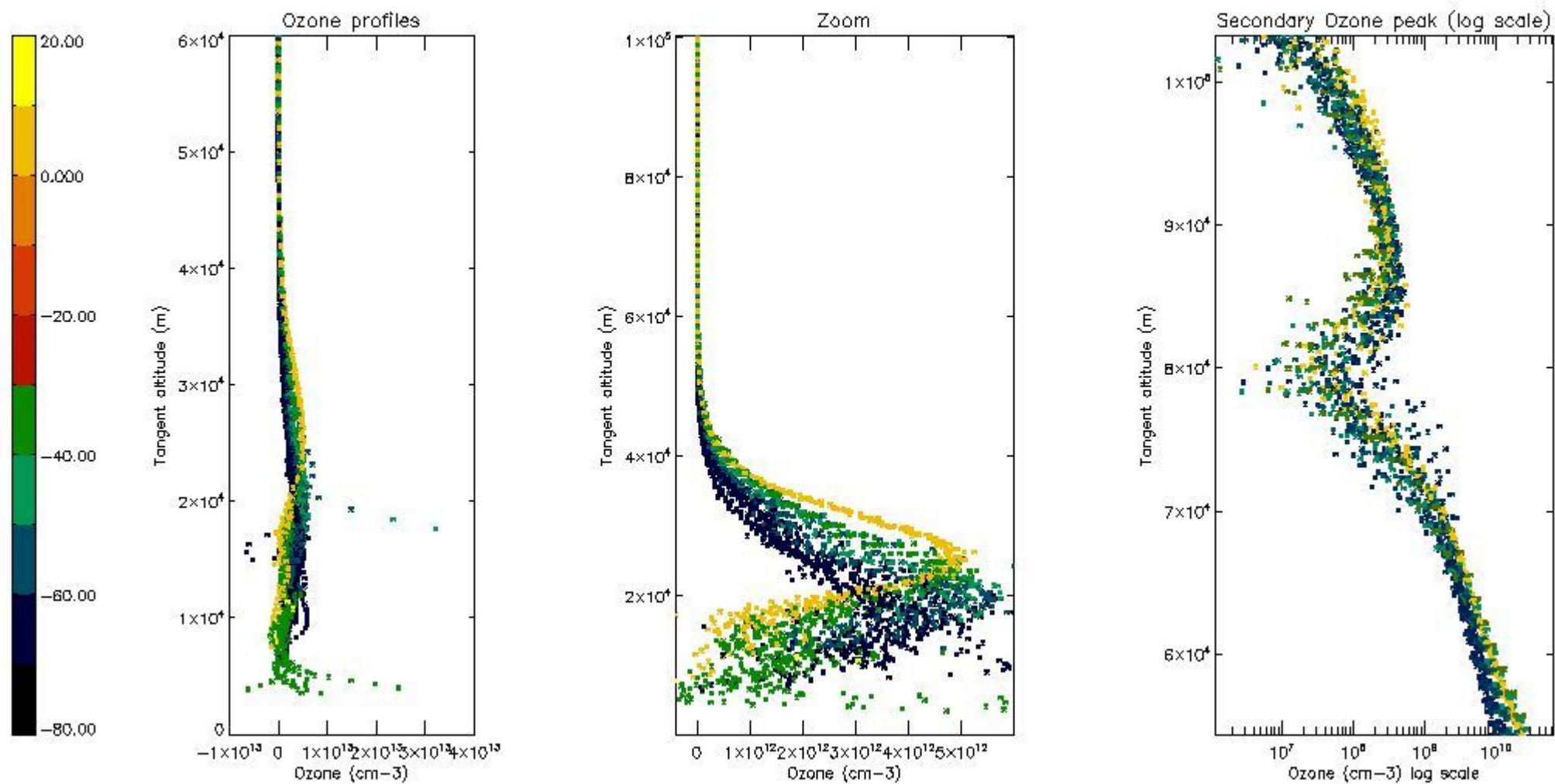
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	28

STD < 10	25
STD < 5	19

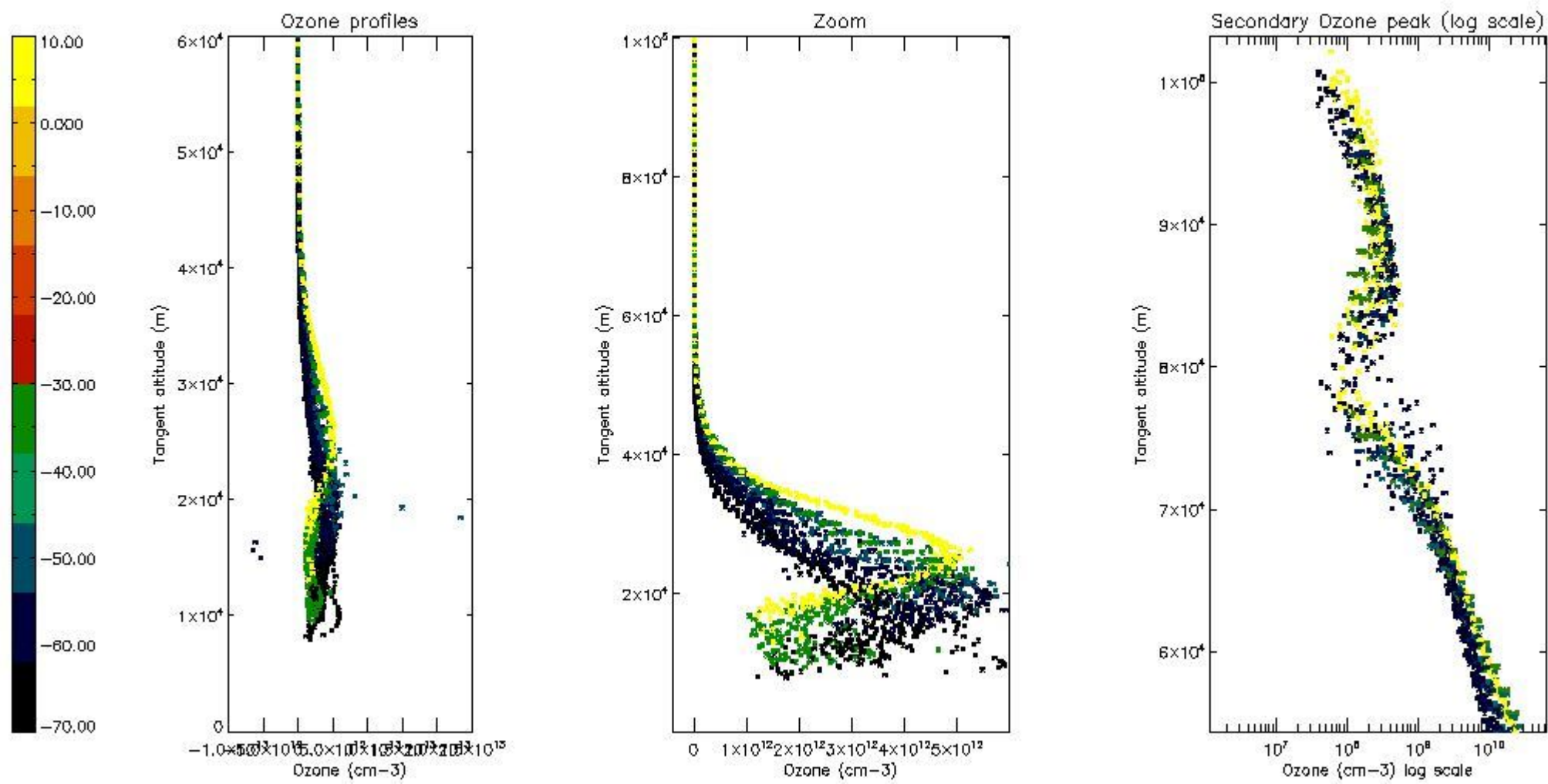
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



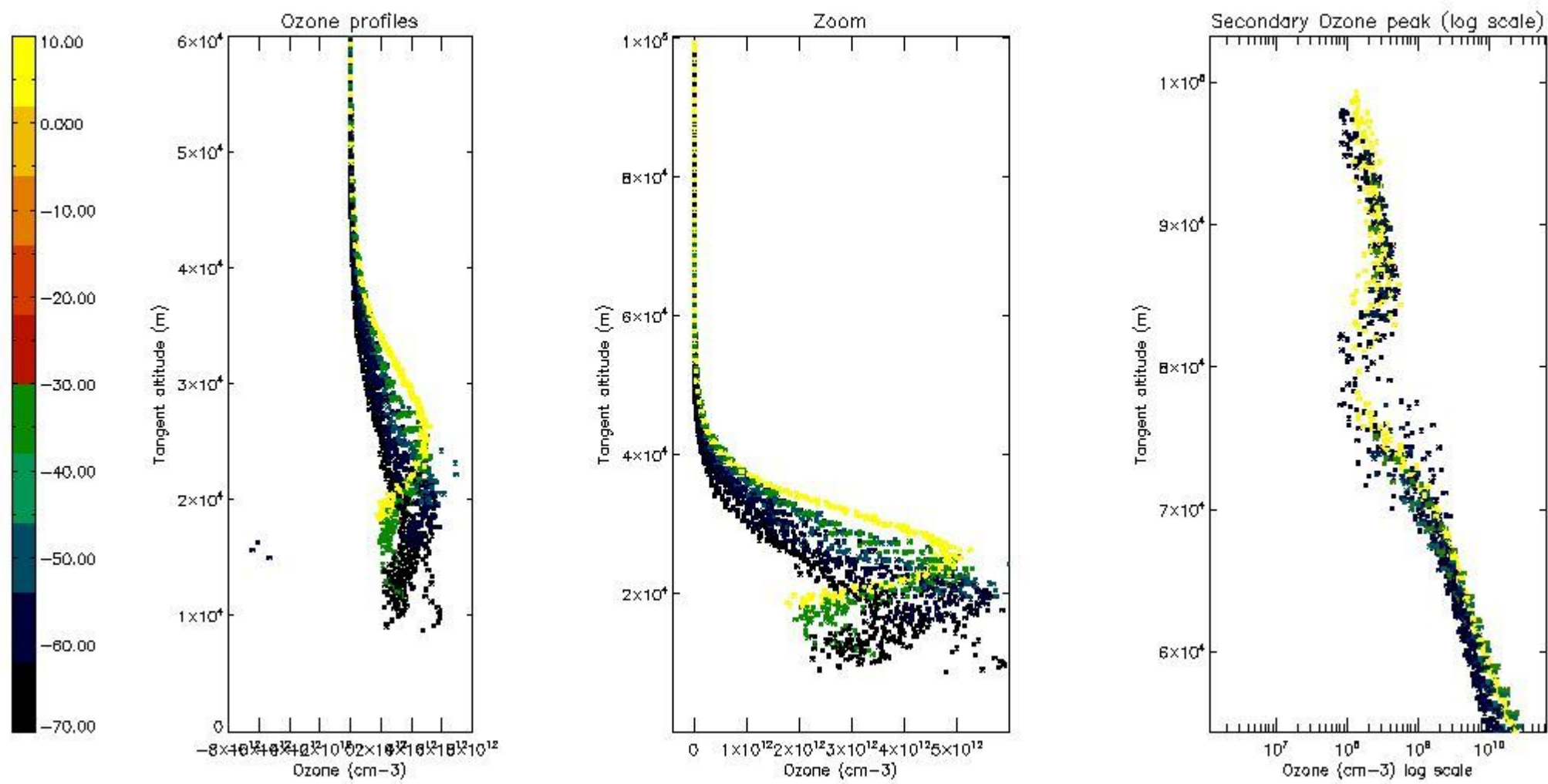
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



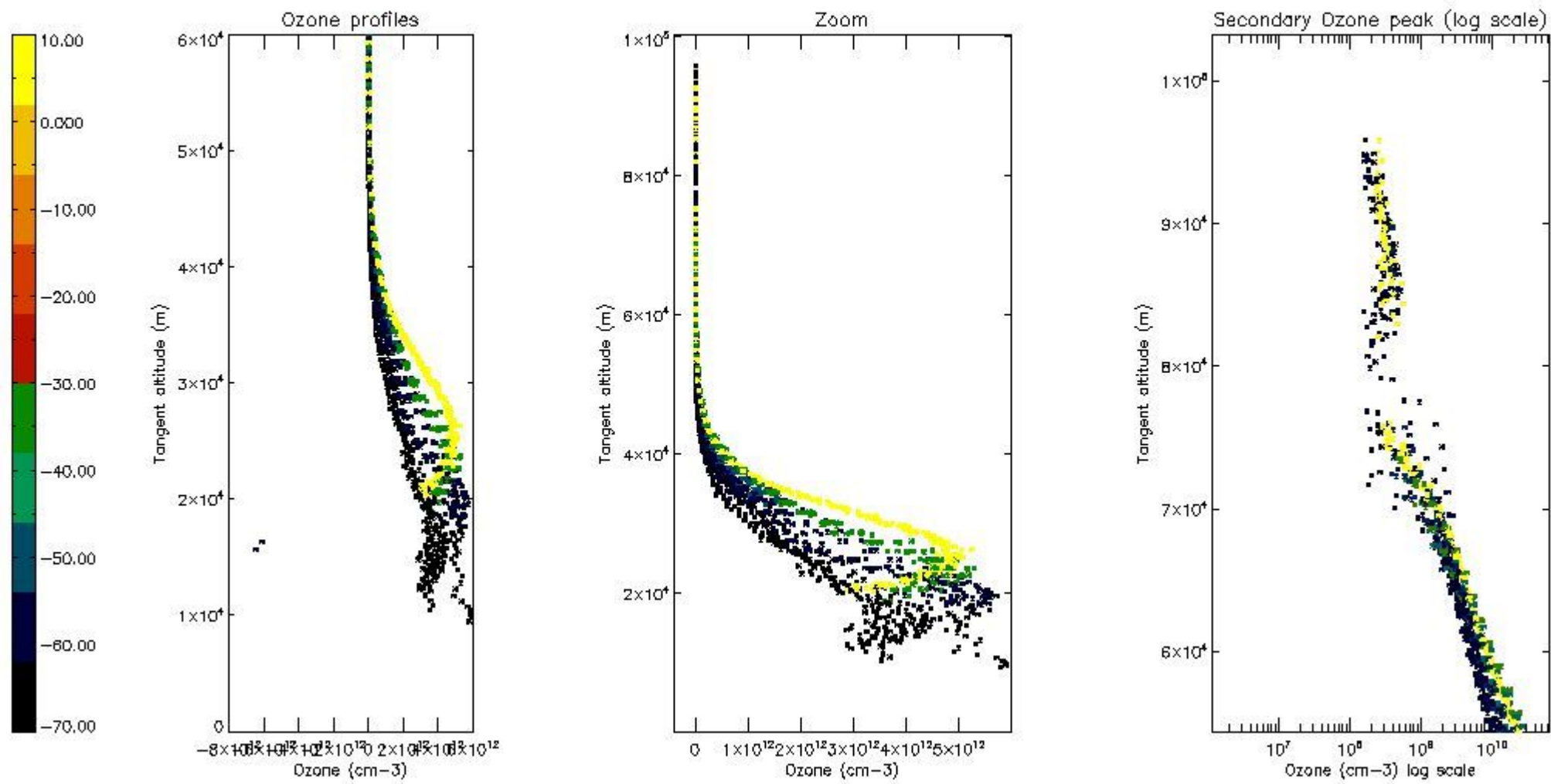
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



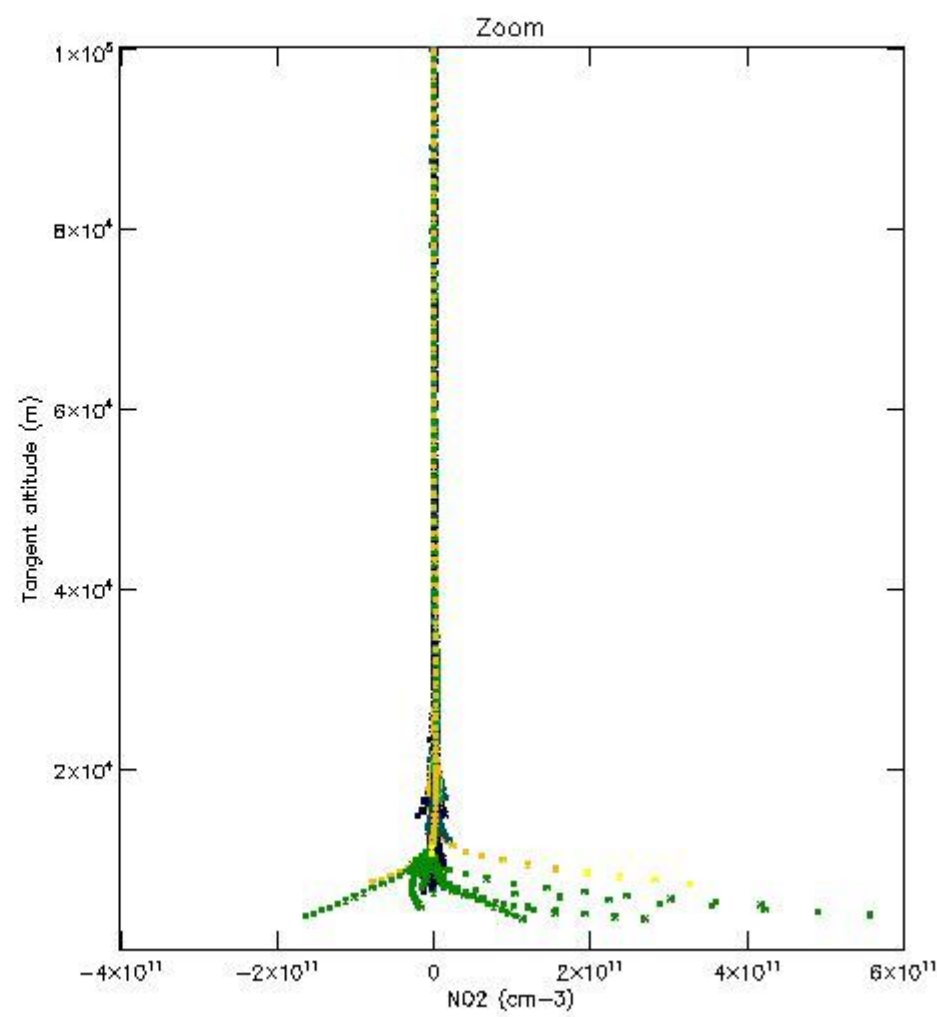
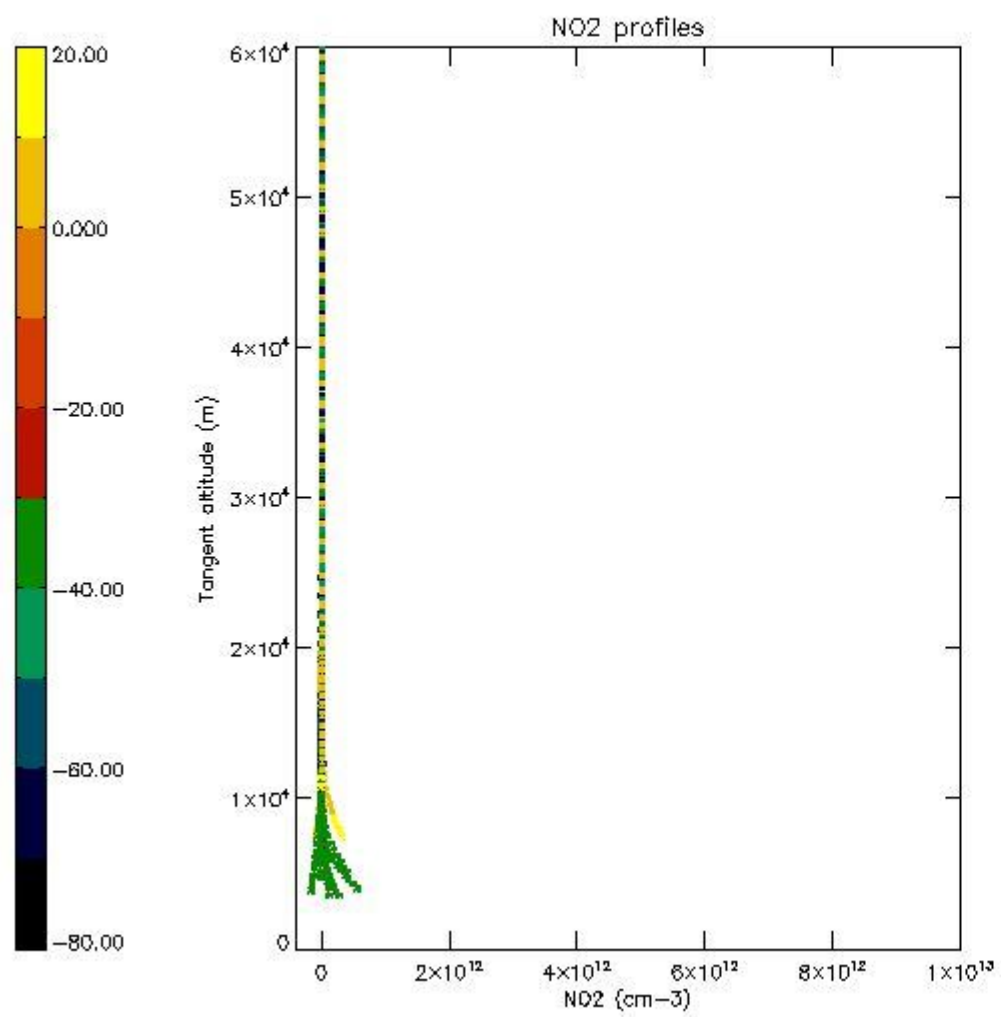
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

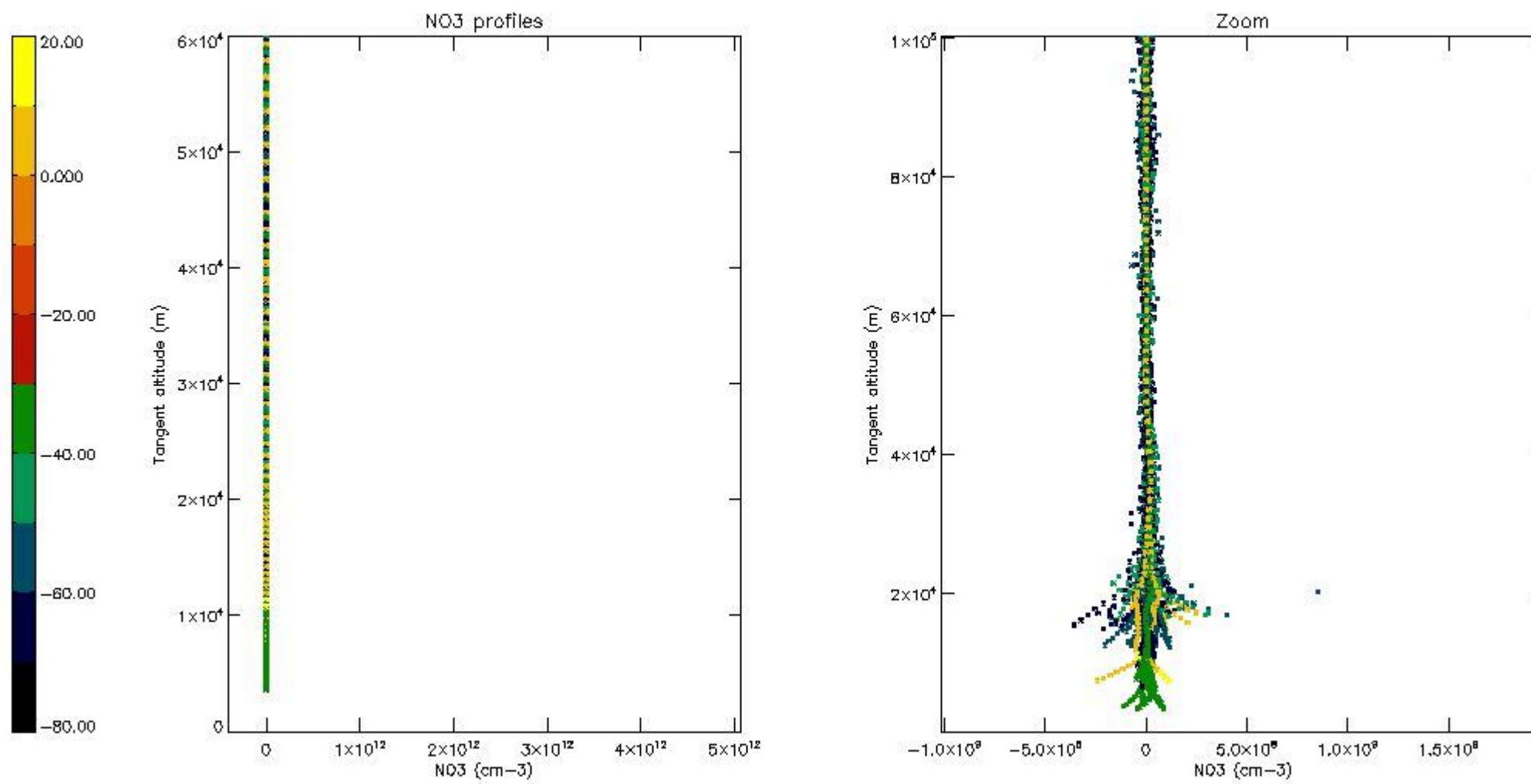
The colorbar represents the latitude.



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

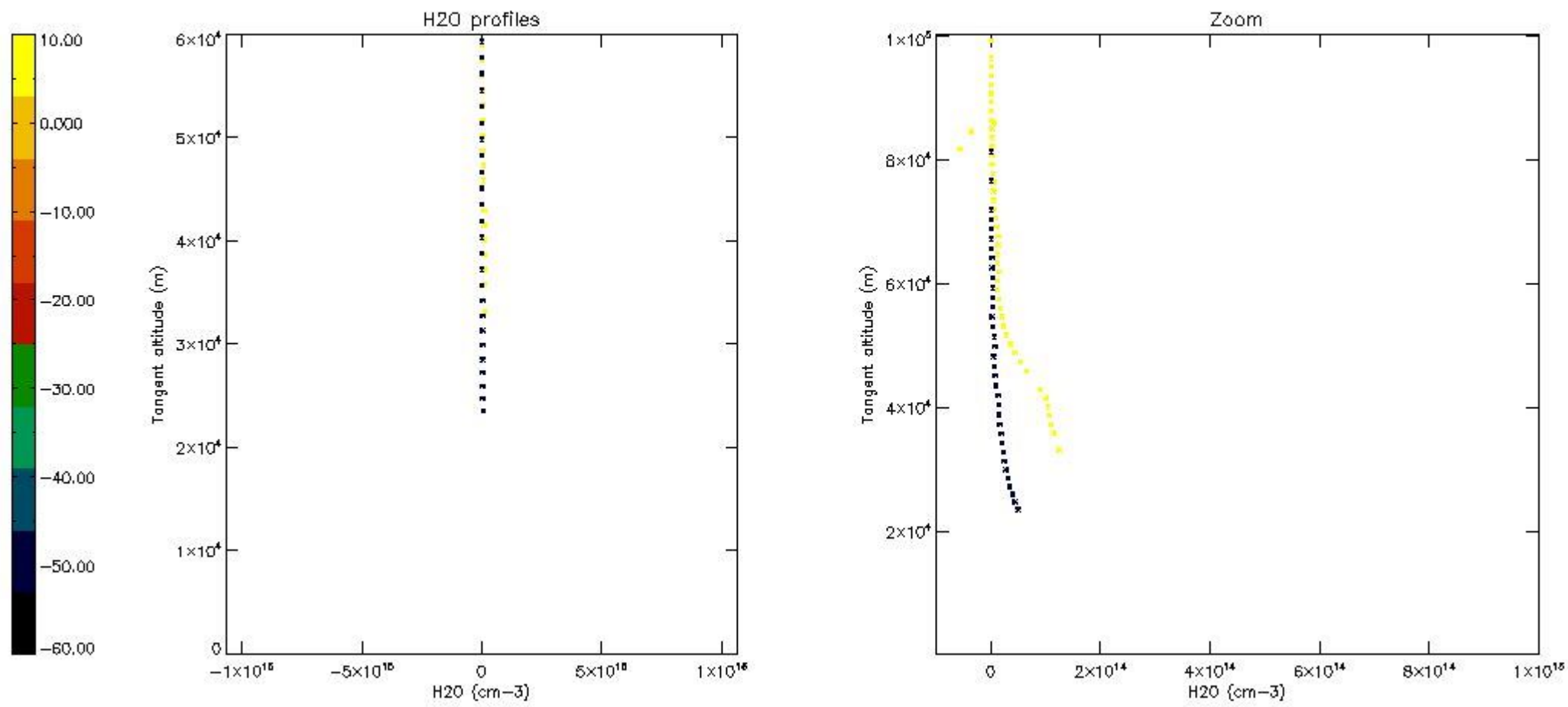
The colorbar represents the latitude.





*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	20-AUG-2006 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-AUG-2006 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-AUG-2006 00:00:27

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 03:26:22
Data source version	GOMOS/6.01
Start time of products	20-08-2006 (20AUG2006 00:00:00)
Stop time of products	21-08-2006 (21AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	223
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__2PRFIN20060820_000027_000000372050_00274_23374_1026.N1	20-AUG-2006 00:00:27	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23374	No
2	GOM_NL__2PRFIN20060820_000324_000000342050_00274_23374_1027.N1	20-AUG-2006 00:03:24	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23374	No
3	GOM_NL__2PRFIN20060820_001746_000000302050_00274_23374_1028.N1	20-AUG-2006 00:17:46	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23374	No
4	GOM_NL__2PRFIN20060820_002448_000000332050_00274_23374_1029.N1	20-AUG-2006 00:24:48	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23374	No
5	GOM_NL__2PRFIN20060820_002627_000000312050_00274_23374_1030.N1	20-AUG-2006 00:26:27	Bright	31.000	66	37Gam Cyg	2.2080	5900.0	62	23374	No
6	GOM_NL__2PRFIN20060820_002751_000000292050_00274_23374_1031.N1	20-AUG-2006 00:27:51	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23374	No
7	GOM_NL__2PRFIN20060820_003317_000000312050_00274_23374_1032.N1	20-AUG-2006 00:33:17	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23374	No
8	GOM_NL__2PRFIN20060820_004031_000000302050_00274_23374_1033.N1	20-AUG-2006 00:40:31	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23374	No
9	GOM_NL__2PRFIN20060820_005928_000000322050_00274_23374_1034.N1	20-AUG-2006 00:59:28	Bright	31.500	170	27Eps Gem	3.0000	9700.0	63	23374	No
10	GOM_NL__2PRFIN20060820_010209_000000382050_00274_23374_1035.N1	20-AUG-2006 01:02:09	Twilight_stray	37.500	44	24Gam Gem	1.9280	11000.	75	23374	No
11	GOM_NL__2PRFIN20060820_011122_000000432050_00274_23374_1036.N1	20-AUG-2006 01:11:22	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	23374	No
12	GOM_NL__2PRFIN20060820_012112_000000422050_00274_23374_1037.N1	20-AUG-2006 01:21:12	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	23374	No
13	GOM_NL__2PRFIN20060820_013202_000000402050_00275_23375_1146.N1	20-AUG-2006 01:32:02	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23375	No
14	GOM_NL__2PRFIN20060820_013728_000000382050_00275_23375_1147.N1	20-AUG-2006 01:37:28	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	23375	No
15	GOM_NL__2PRFIN20060820_014103_000000352050_00275_23375_1148.N1	20-AUG-2006 01:41:03	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	23375	No
16	GOM_NL__2PRFIN20060820_014400_000000342050_00275_23375_1149.N1	20-AUG-2006 01:44:00	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23375	No
17	GOM_NL__2PRFIN20060820_015822_000000292050_00275_23375_1150.N1	20-AUG-2006 01:58:22	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23375	No
18	GOM_NL__2PRFIN20060820_020523_000000332050_00275_23375_1151.N1	20-AUG-2006 02:05:23	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23375	No
19	GOM_NL__2PRFIN20060820_020703_000000322050_00275_23375_1152.N1	20-AUG-2006 02:07:03	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23375	No
20	GOM_NL__2PRFIN20060820_020827_000000282050_00275_23375_1153.N1	20-AUG-2006 02:08:27	Bright	28.000	144	18Del Cyg	2.8600	11000.	56	23375	No
21	GOM_NL__2PRFIN20060820_021353_000000312050_00275_23375_1154.N1	20-AUG-2006 02:13:53	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23375	No
22	GOM_NL__2PRFIN20060820_022107_000000292050_00275_23375_1155.N1	20-AUG-2006 02:21:07	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23375	No
23	GOM_NL__2PRFIN20060820_024004_000000442050_00275_23375_1156.N1	20-AUG-2006 02:40:04	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	23375	No
24	GOM_NL__2PRFIN20060820_024245_000000372050_00275_23375_1157.N1	20-AUG-2006 02:42:45	Twilight_stray	37.000	44	24Gam Gem	1.9280	11000.	74	23375	No
25	GOM_NL__2PRFIN20060820_025158_000000382050_00275_23375_1158.N1	20-AUG-2006 02:51:58	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	23375	No
26	GOM_NL__2PRFIN20060820_025331_000000322050_00275_23375_1159.N1	20-AUG-2006 02:53:31	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23375	No
27	GOM_NL__2PRFIN20060820_025610_000000342050_00275_23375_1160.N1	20-AUG-2006 02:56:10	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23375	No
28	GOM_NL__2PRFIN20060820_030148_000000462050_00275_23375_1161.N1	20-AUG-2006 03:01:48	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23375	No
29	GOM_NL__2PRFIN20060820_031239_000000402050_00276_23376_1275.N1	20-AUG-2006 03:12:39	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23376	No
30	GOM_NL__2PRFIN20060820_031804_000000362050_00276_23376_1276.N1	20-AUG-2006 03:18:04	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23376	No
31	GOM_NL__2PRFIN20060820_032140_000000362050_00276_23376_1277.N1	20-AUG-2006 03:21:40	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23376	No
32	GOM_NL__2PRFIN20060820_032436_000000342050_00276_23376_1278.N1	20-AUG-2006 03:24:36	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23376	No
33	GOM_NL__2PRFIN20060820_033858_000000322050_00276_23376_1279.N1	20-AUG-2006 03:38:58	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23376	No
34	GOM_NL__2PRFIN20060820_034559_000000332050_00276_23376_1280.N1	20-AUG-2006 03:45:59	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23376	No
35	GOM_NL__2PRFIN20060820_034739_000000322050_00276_23376_1281.N1	20-AUG-2006 03:47:39	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23376	No
36	GOM_NL__2PRFIN20060820_034903_000000302050_00276_23376_1282.N1	20-AUG-2006 03:49:03	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23376	No
37	GOM_NL__2PRFIN20060820_035429_000000302050_00276_23376_1283.N1	20-AUG-2006 03:54:29	Bright	29.500	89	5Alp Cep	2.4510	8000.0	59	23376	No
38	GOM_NL__2PRFIN20060820_040143_000000302050_00276_23376_1284.N1	20-AUG-2006 04:01:43	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23376	No
39	GOM_NL__2PRFIN20060820_042040_000000332050_00276_23376_1285.N1	20-AUG-2006 04:20:40	Bright	33.000	170	27Eps Gem	3.0000	9700.0	66	23376	No
40	GOM_NL__2PRFIN20060820_042321_000000402050_00276_23376_1286.N1	20-AUG-2006 04:23:21	Twilight_stray	39.500	44	24Gam Gem	1.9280	11000.	79	23376	No
41	GOM_NL__2PRFIN20060820_043234_000000392050_00276_23376_1287.N1	20-AUG-2006 04:32:34	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	23376	No
42	GOM_NL__2PRFIN20060820_043407_000000322050_00276_23376_1288.N1	20-AUG-2006 04:34:07	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23376	No

43	GOM_NL__2PRFIN20060820_043535_000000352050_00276_23376_1289.N1	20-AUG-2006 04: 35: 35	Dark	35.000	23	21Eps CMA	1.5020	26000.	70	23376	No
44	GOM_NL__2PRFIN20060820_043646_000000352050_00276_23376_1290.N1	20-AUG-2006 04: 36: 46	Dark	34.500	177	1Zet CMA	3.0220	26000.	69	23376	No
45	GOM_NL__2PRFIN20060820_044225_000000402050_00276_23376_1291.N1	20-AUG-2006 04: 42: 25	Dark	39.500	2	Alp Car	-0.73600	7000.0	79	23376	No
46	GOM_NL__2PRFIN20060820_045316_000000382050_00277_23377_1147.N1	20-AUG-2006 04: 53: 16	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23377	No
47	GOM_NL__2PRFIN20060820_045840_000000332050_00277_23377_1148.N1	20-AUG-2006 04: 58: 40	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23377	No
48	GOM_NL__2PRFIN20060820_050216_000000342050_00277_23377_1149.N1	20-AUG-2006 05: 02: 16	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	23377	No
49	GOM_NL__2PRFIN20060820_050512_000000352050_00277_23377_1150.N1	20-AUG-2006 05: 05: 12	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23377	No
50	GOM_NL__2PRFIN20060820_051934_000000332050_00277_23377_1151.N1	20-AUG-2006 05: 19: 34	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23377	No
51	GOM_NL__2PRFIN20060820_052635_000000312050_00277_23377_1152.N1	20-AUG-2006 05: 26: 35	Bright	30.500	92	53Eps Cyg	2.5000	4500.0	61	23377	No
52	GOM_NL__2PRFIN20060820_052815_000000332050_00277_23377_1153.N1	20-AUG-2006 05: 28: 15	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	23377	No
53	GOM_NL__2PRFIN20060820_052939_000000292050_00277_23377_1154.N1	20-AUG-2006 05: 29: 39	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23377	No
54	GOM_NL__2PRFIN20060820_053505_000000312050_00277_23377_1155.N1	20-AUG-2006 05: 35: 05	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23377	No
55	GOM_NL__2PRFIN20060820_054219_000000292050_00277_23377_1156.N1	20-AUG-2006 05: 42: 19	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23377	No
56	GOM_NL__2PRFIN20060820_060117_000000352050_00277_23377_1157.N1	20-AUG-2006 06: 01: 17	Bright	35.000	170	27Eps Gem	3.0000	9700.0	70	23377	No
57	GOM_NL__2PRFIN20060820_060358_000000352050_00277_23377_1158.N1	20-AUG-2006 06: 03: 58	Tw_i_and_stray	34.500	44	24Gam Gem	1.9280	11000.	69	23377	No
58	GOM_NL__2PRFIN20060820_061311_000000392050_00277_23377_1159.N1	20-AUG-2006 06: 13: 11	Dark	38.500	1	9Alp CMA	-1.4400	11000.	77	23377	No
59	GOM_NL__2PRFIN20060820_061443_000000322050_00277_23377_1160.N1	20-AUG-2006 06: 14: 43	Dark	32.000	179	24Omi2CMA	3.0320	24000.	64	23377	No
60	GOM_NL__2PRFIN20060820_061611_000000362050_00277_23377_1161.N1	20-AUG-2006 06: 16: 11	Dark	36.000	23	21Eps CMA	1.5020	26000.	72	23377	No
61	GOM_NL__2PRFIN20060820_061723_000000332050_00277_23377_1162.N1	20-AUG-2006 06: 17: 23	Dark	33.000	177	1Zet CMA	3.0220	26000.	66	23377	No
62	GOM_NL__2PRFIN20060820_062301_000000382050_00277_23377_1163.N1	20-AUG-2006 06: 23: 01	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	23377	No
63	GOM_NL__2PRFIN20060820_063352_000000372050_00278_23378_1148.N1	20-AUG-2006 06: 33: 52	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23378	No
64	GOM_NL__2PRFIN20060820_063917_000000332050_00278_23378_1149.N1	20-AUG-2006 06: 39: 17	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23378	No
65	GOM_NL__2PRFIN20060820_064252_000000362050_00278_23378_1150.N1	20-AUG-2006 06: 42: 52	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23378	No
66	GOM_NL__2PRFIN20060820_064548_000000342050_00278_23378_1151.N1	20-AUG-2006 06: 45: 48	Straylight	33.500	172	Gam Gru	3.0030	13100.	67	23378	No
67	GOM_NL__2PRFIN20060820_070010_000000332050_00278_23378_1152.N1	20-AUG-2006 07: 00: 10	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23378	No
68	GOM_NL__2PRFIN20060820_070711_000000302050_00278_23378_1153.N1	20-AUG-2006 07: 07: 11	Bright	29.500	92	53Eps Cyg	2.5000	4500.0	59	23378	No
69	GOM_NL__2PRFIN20060820_070851_000000322050_00278_23378_1154.N1	20-AUG-2006 07: 08: 51	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23378	No
70	GOM_NL__2PRFIN20060820_071015_000000302050_00278_23378_1155.N1	20-AUG-2006 07: 10: 15	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23378	No
71	GOM_NL__2PRFIN20060820_071540_000000322050_00278_23378_1156.N1	20-AUG-2006 07: 15: 40	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23378	No
72	GOM_NL__2PRFIN20060820_072255_000000292050_00278_23378_1157.N1	20-AUG-2006 07: 22: 55	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23378	No
73	GOM_NL__2PRFIN20060820_074153_000000362050_00278_23378_1158.N1	20-AUG-2006 07: 41: 53	Bright	35.500	170	27Eps Gem	3.0000	9700.0	71	23378	No
74	GOM_NL__2PRFIN20060820_074434_000000372050_00278_23378_1159.N1	20-AUG-2006 07: 44: 34	Tw_i_and_stray	36.500	44	24Gam Gem	1.9280	11000.	73	23378	No
75	GOM_NL__2PRFIN20060820_075347_000000432050_00278_23378_1160.N1	20-AUG-2006 07: 53: 47	Dark	43.000	1	9Alp CMA	-1.4400	11000.	86	23378	No
76	GOM_NL__2PRFIN20060820_075520_000000332050_00278_23378_1161.N1	20-AUG-2006 07: 55: 20	Dark	32.500	179	24Omi2CMA	3.0320	24000.	65	23378	No
77	GOM_NL__2PRFIN20060820_075647_000000322050_00278_23378_1162.N1	20-AUG-2006 07: 56: 47	Dark	32.000	23	21Eps CMA	1.5020	26000.	64	23378	No
78	GOM_NL__2PRFIN20060820_075759_000000322050_00278_23378_1163.N1	20-AUG-2006 07: 57: 59	Dark	32.000	177	1Zet CMA	3.0220	26000.	64	23378	No
79	GOM_NL__2PRFIN20060820_080337_000000442050_00278_23378_1164.N1	20-AUG-2006 08: 03: 37	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	23378	No
80	GOM_NL__2PRFIN20060820_095506_000000472050_00280_23380_1150.N1	20-AUG-2006 09: 55: 06	Dark	46.500	9	Alp Eri	0.45300	24000.	93	23380	No
81	GOM_NL__2PRFIN20060820_100029_000000342050_00280_23380_1151.N1	20-AUG-2006 10: 00: 29	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23380	No
82	GOM_NL__2PRFIN20060820_100405_000000382050_00280_23380_1152.N1	20-AUG-2006 10: 04: 05	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23380	No
83	GOM_NL__2PRFIN20060820_100701_000000352050_00280_23380_1153.N1	20-AUG-2006 10: 07: 01	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23380	No
84	GOM_NL__2PRFIN20060820_102122_000000322050_00280_23380_1154.N1	20-AUG-2006 10: 21: 22	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23380	No
85	GOM_NL__2PRFIN20060820_102822_000000312050_00280_23380_1155.N1	20-AUG-2006 10: 28: 22	Bright	31.000	92	53Eps Cyg	2.5000	4500.0	62	23380	No
86	GOM_NL__2PRFIN20060820_103003_000000322050_00280_23380_1156.N1	20-AUG-2006 10: 30: 03	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23380	No
87	GOM_NL__2PRFIN20060820_103127_000000292050_00280_23380_1157.N1	20-AUG-2006 10: 31: 27	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23380	No
88	GOM_NL__2PRFIN20060820_103652_000000322050_00280_23380_1158.N1	20-AUG-2006 10: 36: 52	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23380	No
89	GOM_NL__2PRFIN20060820_104406_000000302050_00280_23380_1159.N1	20-AUG-2006 10: 44: 06	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23380	No
90	GOM_NL__2PRFIN20060820_110305_000000432050_00280_23380_1160.N1	20-AUG-2006 11: 03: 05	Bright	43.000	170	27Eps Gem	3.0000	9700.0	86	23380	No
91	GOM_NL__2PRFIN20060820_110546_000000352050_00280_23380_1161.N1	20-AUG-2006 11: 05: 46	Tw_i_and_stray	35.000	44	24Gam Gem	1.9280	11000.	70	23380	No
92	GOM_NL__2PRFIN20060820_111500_000000412050_00280_23380_1162.N1	20-AUG-2006 11: 15: 00	Dark	41.000	1	9Alp CMA	-1.4400	11000.	82	23380	No
93	GOM_NL__2PRFIN20060820_111632_000000342050_00280_23380_1163.N1	20-AUG-2006 11: 16: 32	Dark	34.000	179	24Omi2CMA	3.0320	24000.	68	23380	No
94	GOM_NL__2PRFIN20060820_111800_000000362050_00280_23380_1164.N1	20-AUG-2006 11: 18: 00	Dark	36.000	23	21Eps CMA	1.5020	26000.	72	23380	No
95	GOM_NL__2PRFIN20060820_111912_000000342050_00280_23380_1165.N1	20-AUG-2006 11: 19: 12	Dark	33.500	177	1Zet CMA	3.0220	26000.	67	23380	No
96	GOM_NL__2PRFIN20060820_112450_000000412050_00280_23380_1166.N1	20-AUG-2006 11: 24: 50	Dark	41.000	2	Alp Car	-0.73600	7000.0	82	23380	No
97	GOM_NL__2PRFIN20060820_113542_000000402050_00281_23381_1151.N1	20-AUG-2006 11: 35: 42	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23381	No
98	GOM_NL__2PRFIN20060820_114105_000000342050_00281_23381_1152.N1	20-AUG-2006 11: 41: 05	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23381	No
99	GOM_NL__2PRFIN20060820_114441_000000362050_00281_23381_1153.N1	20-AUG-2006 11: 44: 41	Straylight	35.500	31	Alp Gru	1.7340	15200.	71	23381	No
100	GOM_NL__2PRFIN20060820_114737_000000332050_00281_23381_1154.N1	20-AUG-2006 11: 47: 37	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	23381	No
101	GOM_NL__2PRFIN20060820_120158_000000322050_00281_23381_1155.N1	20-AUG-2006 12: 01: 58	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23381	No

102	GOM_NL__2PRFIN20060820_120858_000000302050_00281_23381_1156.N1	20-AUG-2006 12:08:58	Bright	29.500	92	53Eps Cyg	2.5000	4500.0	59	23381	No
103	GOM_NL__2PRFIN20060820_121038_000000312050_00281_23381_1157.N1	20-AUG-2006 12:10:38	Bright	31.000	66	37Gam Cyg	2.2080	5900.0	62	23381	No
104	GOM_NL__2PRFIN20060820_121203_000000292050_00281_23381_1158.N1	20-AUG-2006 12:12:03	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23381	No
105	GOM_NL__2PRFIN20060820_121727_000000312050_00281_23381_1159.N1	20-AUG-2006 12:17:27	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23381	No
106	GOM_NL__2PRFIN20060820_122442_000000302050_00281_23381_1160.N1	20-AUG-2006 12:24:42	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23381	No
107	GOM_NL__2PRFIN20060820_124341_000000372050_00281_23381_1161.N1	20-AUG-2006 12:43:41	Bright	36.500	170	27Eps Gem	3.0000	9700.0	73	23381	No
108	GOM_NL__2PRFIN20060820_124622_000000372050_00281_23381_1162.N1	20-AUG-2006 12:46:22	Twilight	37.000	44	24Gam Gem	1.9280	11000.	74	23381	No
109	GOM_NL__2PRFIN20060820_125536_000000442050_00281_23381_1163.N1	20-AUG-2006 12:55:36	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	23381	No
110	GOM_NL__2PRFIN20060820_125709_000000322050_00281_23381_1164.N1	20-AUG-2006 12:57:09	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23381	No
111	GOM_NL__2PRFIN20060820_125836_000000362050_00281_23381_1165.N1	20-AUG-2006 12:58:36	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23381	No
112	GOM_NL__2PRFIN20060820_125948_000000352050_00281_23381_1166.N1	20-AUG-2006 12:59:48	Dark	35.000	177	1Zet CMa	3.0220	26000.	70	23381	No
113	GOM_NL__2PRFIN20060820_130526_000000452050_00281_23381_1167.N1	20-AUG-2006 13:05:26	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	23381	No
114	GOM_NL__2PRFIN20060820_131619_000000402050_00282_23382_1152.N1	20-AUG-2006 13:16:19	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23382	No
115	GOM_NL__2PRFIN20060820_132142_000000362050_00282_23382_1153.N1	20-AUG-2006 13:21:42	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23382	No
116	GOM_NL__2PRFIN20060820_132517_000000332050_00282_23382_1154.N1	20-AUG-2006 13:25:17	Straylight	33.000	31	Alp Gru	1.7340	15200.	66	23382	No
117	GOM_NL__2PRFIN20060820_132813_000000322050_00282_23382_1155.N1	20-AUG-2006 13:28:13	Straylight	31.500	172	Gam Gru	3.0030	13100.	63	23382	No
118	GOM_NL__2PRFIN20060820_134235_000000322050_00282_23382_1156.N1	20-AUG-2006 13:42:35	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23382	No
119	GOM_NL__2PRFIN20060820_134934_000000332050_00282_23382_1157.N1	20-AUG-2006 13:49:34	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23382	No
120	GOM_NL__2PRFIN20060820_135114_000000312050_00282_23382_1158.N1	20-AUG-2006 13:51:14	Bright	30.500	66	37Gam Cyg	2.2080	5900.0	61	23382	No
121	GOM_NL__2PRFIN20060820_135239_000000302050_00282_23382_1159.N1	20-AUG-2006 13:52:39	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23382	No
122	GOM_NL__2PRFIN20060820_135803_000000312050_00282_23382_1160.N1	20-AUG-2006 13:58:03	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23382	No
123	GOM_NL__2PRFIN20060820_140518_000000292050_00282_23382_1161.N1	20-AUG-2006 14:05:18	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23382	No
124	GOM_NL__2PRFIN20060820_142417_000000342050_00282_23382_1162.N1	20-AUG-2006 14:24:17	Bright	34.000	170	27Eps Gem	3.0000	9700.0	68	23382	No
125	GOM_NL__2PRFIN20060820_142658_000000402050_00282_23382_1163.N1	20-AUG-2006 14:26:58	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	23382	No
126	GOM_NL__2PRFIN20060820_143612_000000372050_00282_23382_1164.N1	20-AUG-2006 14:36:12	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	23382	No
127	GOM_NL__2PRFIN20060820_143745_000000332050_00282_23382_1165.N1	20-AUG-2006 14:37:45	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23382	No
128	GOM_NL__2PRFIN20060820_143912_000000362050_00282_23382_1166.N1	20-AUG-2006 14:39:12	Dark	35.500	23	21Eps CMa	1.5020	26000.	71	23382	No
129	GOM_NL__2PRFIN20060820_144025_000000342050_00282_23382_1167.N1	20-AUG-2006 14:40:25	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23382	No
130	GOM_NL__2PRFIN20060820_144602_000000472050_00282_23382_1168.N1	20-AUG-2006 14:46:02	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	23382	No
131	GOM_NL__2PRFIN20060820_145655_000000392050_00283_23383_1153.N1	20-AUG-2006 14:56:55	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23383	No
132	GOM_NL__2PRFIN20060820_150217_000000352050_00283_23383_1154.N1	20-AUG-2006 15:02:17	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23383	No
133	GOM_NL__2PRFIN20060820_150554_000000412050_00283_23383_1155.N1	20-AUG-2006 15:05:54	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23383	No
134	GOM_NL__2PRFIN20060820_150849_000000332050_00283_23383_1156.N1	20-AUG-2006 15:08:49	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	23383	No
135	GOM_NL__2PRFIN20060820_152310_000000292050_00283_23383_1157.N1	20-AUG-2006 15:23:10	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23383	No
136	GOM_NL__2PRFIN20060820_153010_000000332050_00283_23383_1158.N1	20-AUG-2006 15:30:10	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	23383	No
137	GOM_NL__2PRFIN20060820_153150_000000332050_00283_23383_1159.N1	20-AUG-2006 15:31:50	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	23383	No
138	GOM_NL__2PRFIN20060820_153315_000000292050_00283_23383_1160.N1	20-AUG-2006 15:33:15	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23383	No
139	GOM_NL__2PRFIN20060820_153839_000000312050_00283_23383_1161.N1	20-AUG-2006 15:38:39	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23383	No
140	GOM_NL__2PRFIN20060820_154554_000000302050_00283_23383_1162.N1	20-AUG-2006 15:45:54	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23383	No
141	GOM_NL__2PRFIN20060820_160453_000000362050_00283_23383_1163.N1	20-AUG-2006 16:04:53	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	23383	No
142	GOM_NL__2PRFIN20060820_160735_000000392050_00283_23383_1164.N1	20-AUG-2006 16:07:35	Twilight	38.500	44	24Gam Gem	1.9280	11000.	77	23383	No
143	GOM_NL__2PRFIN20060820_161648_000000412050_00283_23383_1165.N1	20-AUG-2006 16:16:48	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	23383	No
144	GOM_NL__2PRFIN20060820_161821_000000342050_00283_23383_1166.N1	20-AUG-2006 16:18:21	Dark	34.000	179	24Omi2CMa	3.0320	24000.	68	23383	No
145	GOM_NL__2PRFIN20060820_161948_000000372050_00283_23383_1167.N1	20-AUG-2006 16:19:48	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	23383	No
146	GOM_NL__2PRFIN20060820_162101_000000342050_00283_23383_1168.N1	20-AUG-2006 16:21:01	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23383	No
147	GOM_NL__2PRFIN20060820_162638_000000472050_00283_23383_1169.N1	20-AUG-2006 16:26:38	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	23383	No
148	GOM_NL__2PRFIN20060820_163732_000000392050_00284_23384_1153.N1	20-AUG-2006 16:37:32	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23384	No
149	GOM_NL__2PRFIN20060820_164254_000000332050_00284_23384_1154.N1	20-AUG-2006 16:42:54	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23384	No
150	GOM_NL__2PRFIN20060820_164630_000000372050_00284_23384_1155.N1	20-AUG-2006 16:46:30	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23384	No
151	GOM_NL__2PRFIN20060820_164925_000000352050_00284_23384_1156.N1	20-AUG-2006 16:49:25	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23384	No
152	GOM_NL__2PRFIN20060820_170347_000000322050_00284_23384_1157.N1	20-AUG-2006 17:03:47	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23384	No
153	GOM_NL__2PRFIN20060820_171046_000000322050_00284_23384_1158.N1	20-AUG-2006 17:10:46	Bright	32.000	92	53Eps Cyg	2.5000	4500.0	64	23384	No
154	GOM_NL__2PRFIN20060820_171226_000000322050_00284_23384_1159.N1	20-AUG-2006 17:12:26	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23384	No
155	GOM_NL__2PRFIN20060820_171351_000000312050_00284_23384_1160.N1	20-AUG-2006 17:13:51	Bright	30.500	144	18Del Cyg	2.8600	11000.	61	23384	No
156	GOM_NL__2PRFIN20060820_171914_000000312050_00284_23384_1161.N1	20-AUG-2006 17:19:14	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23384	No
157	GOM_NL__2PRFIN20060820_172630_000000302050_00284_23384_1162.N1	20-AUG-2006 17:26:30	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23384	No
158	GOM_NL__2PRFIN20060820_174530_000000342050_00284_23384_1163.N1	20-AUG-2006 17:45:30	Bright	33.500	170	27Eps Gem	3.0000	9700.0	67	23384	No
159	GOM_NL__2PRFIN20060820_174811_000000382050_00284_23384_1164.N1	20-AUG-2006 17:48:11	Twilight	37.500	44	24Gam Gem	1.9280	11000.	75	23384	No
160	GOM_NL__2PRFIN20060820_175725_000000392050_00284_23384_1165.N1	20-AUG-2006 17:57:25	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	23384	No

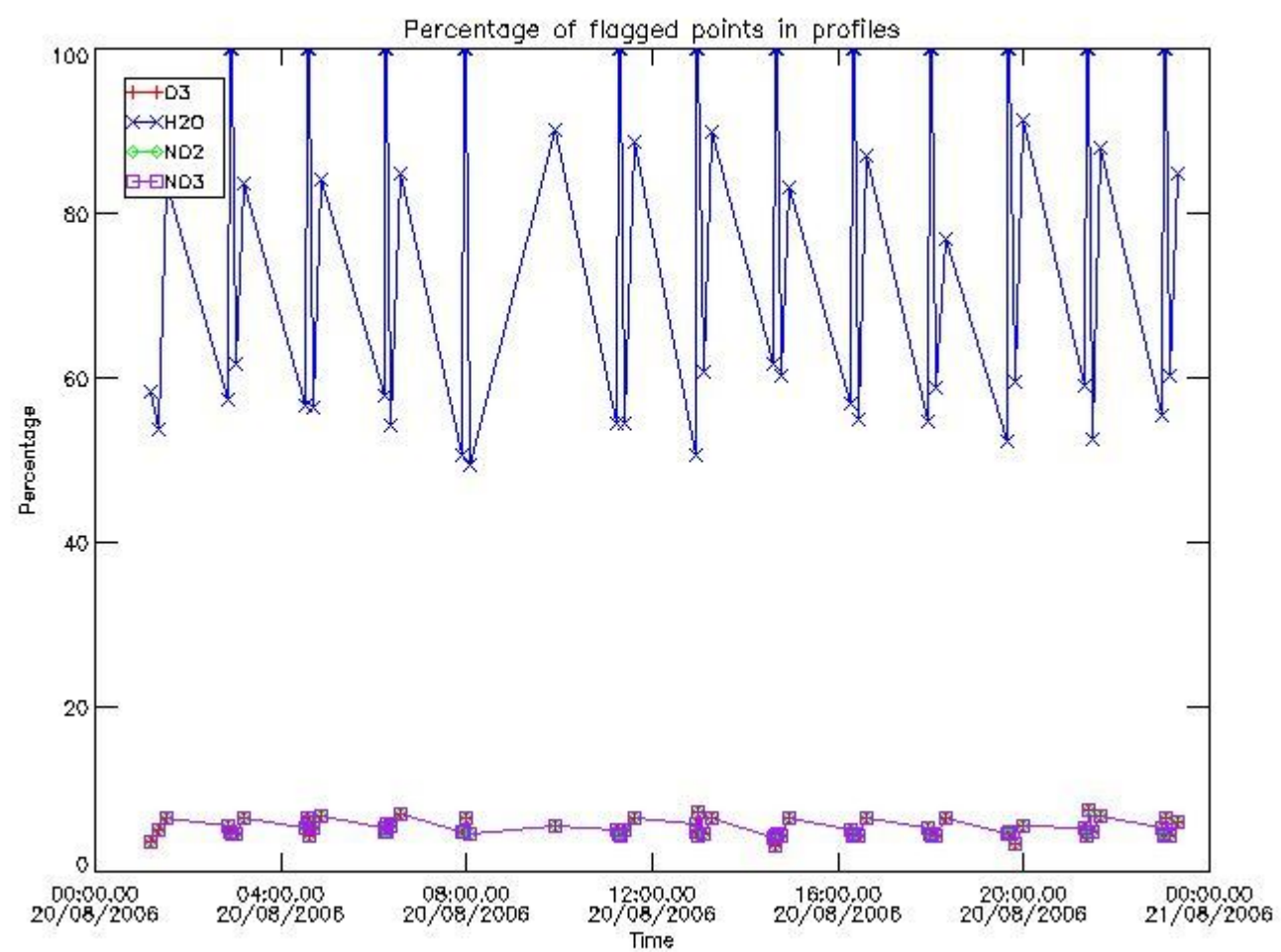
161	GOM_NL__2PRFIN20060820_175857_000000342050_00284_23384_1166.N1	20-AUG-2006 17:58:57	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23384	No
162	GOM_NL__2PRFIN20060820_180025_000000352050_00284_23384_1167.N1	20-AUG-2006 18:00:25	Dark	35.000	23	21Eps CMa	1.5020	26000.	70	23384	No
163	GOM_NL__2PRFIN20060820_180137_000000342050_00284_23384_1168.N1	20-AUG-2006 18:01:37	Dark	34.000	177	1Zet CMa	3.0220	26000.	68	23384	No
164	GOM_NL__2PRFIN20060820_180715_000000472050_00284_23384_1169.N1	20-AUG-2006 18:07:15	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	23384	No
165	GOM_NL__2PRFIN20060820_181809_000000402050_00285_23385_1155.N1	20-AUG-2006 18:18:09	Dark	39.500	9	Alp Eri	0.45300	24000.	79	23385	No
166	GOM_NL__2PRFIN20060820_182330_000000322050_00285_23385_1156.N1	20-AUG-2006 18:23:30	Straylight	31.500	148	Alp Tuc	2.8780	4100.0	63	23385	No
167	GOM_NL__2PRFIN20060820_182706_000000332050_00285_23385_1157.N1	20-AUG-2006 18:27:06	Straylight	33.000	31	Alp Gru	1.7340	15200.	66	23385	No
168	GOM_NL__2PRFIN20060820_183002_000000352050_00285_23385_1158.N1	20-AUG-2006 18:30:02	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23385	No
169	GOM_NL__2PRFIN20060820_184423_000000322050_00285_23385_1159.N1	20-AUG-2006 18:44:23	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23385	No
170	GOM_NL__2PRFIN20060820_185122_000000322050_00285_23385_1160.N1	20-AUG-2006 18:51:22	Bright	32.000	92	53Eps Cyg	2.5000	4500.0	64	23385	No
171	GOM_NL__2PRFIN20060820_185302_000000302050_00285_23385_1161.N1	20-AUG-2006 18:53:02	Bright	30.000	66	37Gam Cyg	2.2080	5900.0	60	23385	No
172	GOM_NL__2PRFIN20060820_185427_000000292050_00285_23385_1162.N1	20-AUG-2006 18:54:27	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23385	No
173	GOM_NL__2PRFIN20060820_185950_000000312050_00285_23385_1163.N1	20-AUG-2006 18:59:50	Bright	31.000	89	5Alp Cep	2.4510	8000.0	62	23385	No
174	GOM_NL__2PRFIN20060820_190706_000000302050_00285_23385_1164.N1	20-AUG-2006 19:07:06	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23385	No
175	GOM_NL__2PRFIN20060820_192606_000000322050_00285_23385_1165.N1	20-AUG-2006 19:26:06	Bright	32.000	170	27Eps Gem	3.0000	9700.0	64	23385	No
176	GOM_NL__2PRFIN20060820_192847_000000372050_00285_23385_1166.N1	20-AUG-2006 19:28:47	Tw_i_and_stray	37.000	44	24Gam Gem	1.9280	11000.	74	23385	No
177	GOM_NL__2PRFIN20060820_193801_000000452050_00285_23385_1167.N1	20-AUG-2006 19:38:01	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	23385	No
178	GOM_NL__2PRFIN20060820_193933_000000342050_00285_23385_1168.N1	20-AUG-2006 19:39:33	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23385	No
179	GOM_NL__2PRFIN20060820_194101_000000342050_00285_23385_1169.N1	20-AUG-2006 19:41:01	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23385	No
180	GOM_NL__2PRFIN20060820_194214_000000332050_00285_23385_1170.N1	20-AUG-2006 19:42:14	Dark	32.500	177	1Zet CMa	3.0220	26000.	65	23385	No
181	GOM_NL__2PRFIN20060820_194751_000000452050_00285_23385_1171.N1	20-AUG-2006 19:47:51	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	23385	No
182	GOM_NL__2PRFIN20060820_195845_000000472050_00286_23386_1186.N1	20-AUG-2006 19:58:45	Dark	47.000	9	Alp Eri	0.45300	24000.	94	23386	No
183	GOM_NL__2PRFIN20060820_200407_000000322050_00286_23386_1187.N1	20-AUG-2006 20:04:07	Straylight	31.500	148	Alp Tuc	2.8780	4100.0	63	23386	No
184	GOM_NL__2PRFIN20060820_200742_000000372050_00286_23386_1188.N1	20-AUG-2006 20:07:42	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23386	No
185	GOM_NL__2PRFIN20060820_201038_000000342050_00286_23386_1189.N1	20-AUG-2006 20:10:38	Straylight	33.500	172	Gam Gru	3.0030	13100.	67	23386	No
186	GOM_NL__2PRFIN20060820_202459_000000312050_00286_23386_1190.N1	20-AUG-2006 20:24:59	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23386	No
187	GOM_NL__2PRFIN20060820_203158_000000322050_00286_23386_1191.N1	20-AUG-2006 20:31:58	Bright	32.000	92	53Eps Cyg	2.5000	4500.0	64	23386	No
188	GOM_NL__2PRFIN20060820_203338_000000282050_00286_23386_1192.N1	20-AUG-2006 20:33:38	Bright	28.000	66	37Gam Cyg	2.2080	5900.0	56	23386	No
189	GOM_NL__2PRFIN20060820_203503_000000292050_00286_23386_1193.N1	20-AUG-2006 20:35:03	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23386	No
190	GOM_NL__2PRFIN20060820_204026_000000322050_00286_23386_1194.N1	20-AUG-2006 20:40:26	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23386	No
191	GOM_NL__2PRFIN20060820_204742_000000292050_00286_23386_1195.N1	20-AUG-2006 20:47:42	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23386	No
192	GOM_NL__2PRFIN20060820_210642_000000382050_00286_23386_1196.N1	20-AUG-2006 21:06:42	Bright	37.500	170	27Eps Gem	3.0000	9700.0	75	23386	No
193	GOM_NL__2PRFIN20060820_210923_000000352050_00286_23386_1197.N1	20-AUG-2006 21:09:23	Tw_i_and_stray	34.500	44	24Gam Gem	1.9280	11000.	69	23386	No
194	GOM_NL__2PRFIN20060820_211838_000000402050_00286_23386_1198.N1	20-AUG-2006 21:18:38	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	23386	No
195	GOM_NL__2PRFIN20060820_212010_000000322050_00286_23386_1199.N1	20-AUG-2006 21:20:10	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23386	No
196	GOM_NL__2PRFIN20060820_212137_000000372050_00286_23386_1200.N1	20-AUG-2006 21:21:37	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	23386	No
197	GOM_NL__2PRFIN20060820_212250_000000342050_00286_23386_1201.N1	20-AUG-2006 21:22:50	Dark	34.000	177	1Zet CMa	3.0220	26000.	68	23386	No
198	GOM_NL__2PRFIN20060820_212827_000000432050_00286_23386_1202.N1	20-AUG-2006 21:28:27	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	23386	No
199	GOM_NL__2PRFIN20060820_213922_000000382050_00287_23387_1187.N1	20-AUG-2006 21:39:22	Dark	37.500	9	Alp Eri	0.45300	24000.	75	23387	No
200	GOM_NL__2PRFIN20060820_214443_000000332050_00287_23387_1188.N1	20-AUG-2006 21:44:43	Straylight	32.500	148	Alp Tuc	2.8780	4100.0	65	23387	No
201	GOM_NL__2PRFIN20060820_214819_000000352050_00287_23387_1189.N1	20-AUG-2006 21:48:19	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	23387	No
202	GOM_NL__2PRFIN20060820_215114_000000352050_00287_23387_1190.N1	20-AUG-2006 21:51:14	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23387	No
203	GOM_NL__2PRFIN20060820_220535_000000312050_00287_23387_1191.N1	20-AUG-2006 22:05:35	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23387	No
204	GOM_NL__2PRFIN20060820_221233_000000312050_00287_23387_1192.N1	20-AUG-2006 22:12:33	Bright	31.000	92	53Eps Cyg	2.5000	4500.0	62	23387	No
205	GOM_NL__2PRFIN20060820_221414_000000302050_00287_23387_1193.N1	20-AUG-2006 22:14:14	Bright	29.500	66	37Gam Cyg	2.2080	5900.0	59	23387	No
206	GOM_NL__2PRFIN20060820_221539_000000282050_00287_23387_1194.N1	20-AUG-2006 22:15:39	Bright	28.000	144	18Del Cyg	2.8600	11000.	56	23387	No
207	GOM_NL__2PRFIN20060820_222101_000000312050_00287_23387_1195.N1	20-AUG-2006 22:21:01	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23387	No
208	GOM_NL__2PRFIN20060820_222818_000000312050_00287_23387_1196.N1	20-AUG-2006 22:28:18	Bright	31.000	49	1Alp UMi	1.9900	6300.0	62	23387	No
209	GOM_NL__2PRFIN20060820_224718_000000332050_00287_23387_1197.N1	20-AUG-2006 22:47:18	Bright	32.500	170	27Eps Gem	3.0000	9700.0	65	23387	No
210	GOM_NL__2PRFIN20060820_225000_000000342050_00287_23387_1198.N1	20-AUG-2006 22:50:00	Tw_i_and_stray	33.500	44	24Gam Gem	1.9280	11000.	67	23387	No
211	GOM_NL__2PRFIN20060820_225914_000000392050_00287_23387_1199.N1	20-AUG-2006 22:59:14	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	23387	No
212	GOM_NL__2PRFIN20060820_230046_000000342050_00287_23387_1200.N1	20-AUG-2006 23:00:46	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23387	No
213	GOM_NL__2PRFIN20060820_230213_000000362050_00287_23387_1201.N1	20-AUG-2006 23:02:13	Dark	35.500	23	21Eps CMa	1.5020	26000.	71	23387	No
214	GOM_NL__2PRFIN20060820_230326_000000322050_00287_23387_1202.N1	20-AUG-2006 23:03:26	Dark	32.000	177	1Zet CMa	3.0220	26000.	64	23387	No
215	GOM_NL__2PRFIN20060820_230903_000000472050_00287_23387_1203.N1	20-AUG-2006 23:09:03	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	23387	No
216	GOM_NL__2PRFIN20060820_231958_000000432050_00288_23388_1188.N1	20-AUG-2006 23:19:58	Dark	43.000	9	Alp Eri	0.45300	24000.	86	23388	No
217	GOM_NL__2PRFIN20060820_232519_000000342050_00288_23388_1189.N1	20-AUG-2006 23:25:19	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23388	No
218	GOM_NL__2PRFIN20060820_232855_000000382050_00288_23388_1190.N1	20-AUG-2006 23:28:55	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23388	No
219	GOM_NL__2PRFIN20060820_233150_000000342050_00288_23388_1191.N1	20-AUG-2006 23:31:50	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23388	No

220	GOM_NL__2PRFIN20060820_234611_000000312050_00288_23388_1192.N1	20-AUG-2006 23:46:11	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23388	No
221	GOM_NL__2PRFIN20060820_235309_000000332050_00288_23388_1193.N1	20-AUG-2006 23:53:09	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	23388	No
222	GOM_NL__2PRFIN20060820_235450_000000312050_00288_23388_1194.N1	20-AUG-2006 23:54:50	Bright	30.500	66	37Gam Cyg	2.2080	5900.0	61	23388	No
223	GOM_NL__2PRFIN20060820_235615_000000292050_00288_23388_1195.N1	20-AUG-2006 23:56:15	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23388	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.

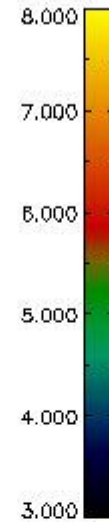
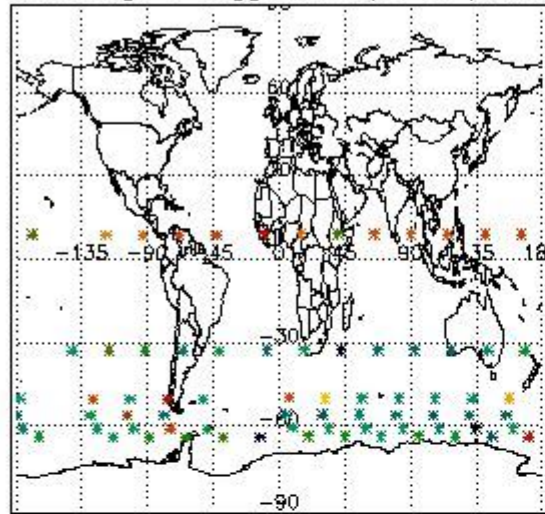
#### 3.1 Plot quality information per product (time dependant)



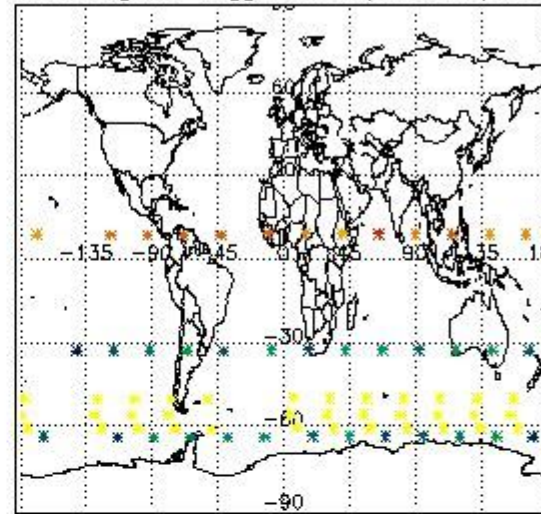
#### 3.2 Plot quality information per product (world map)



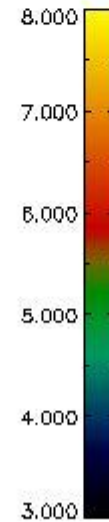
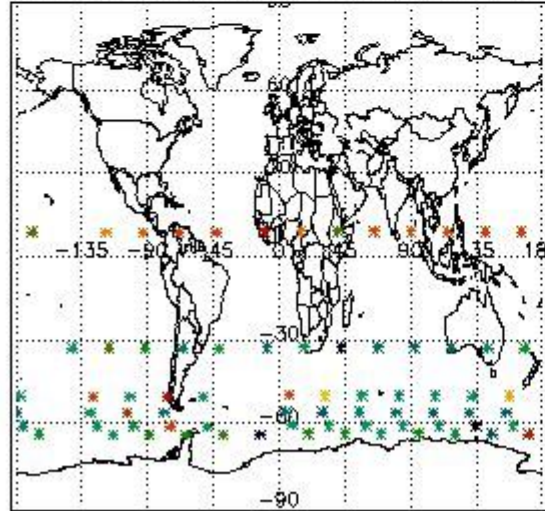
Percentage of flagged data per O3 profile



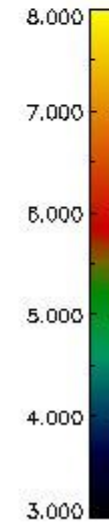
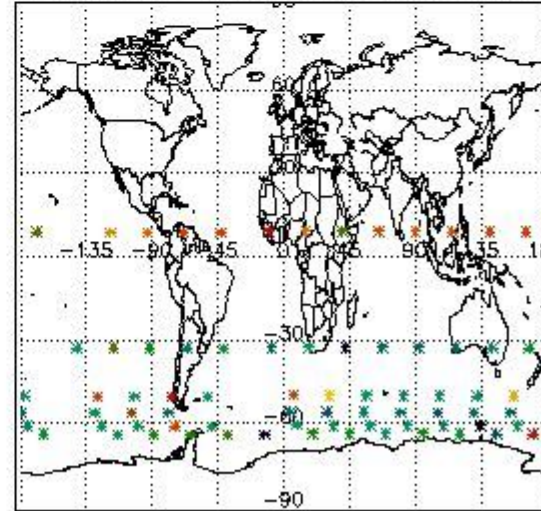
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

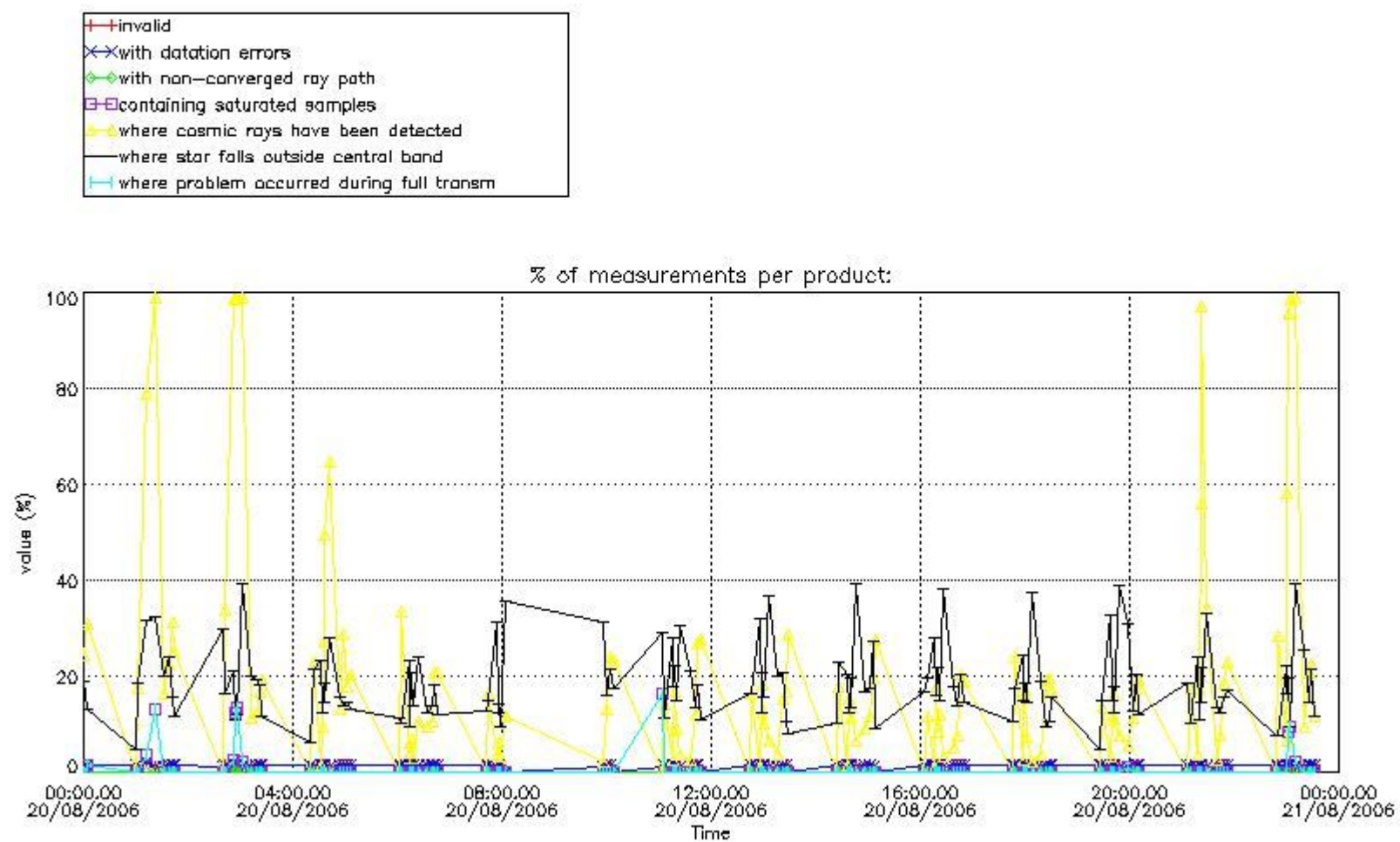


#### 4. Level 1 quality information per product

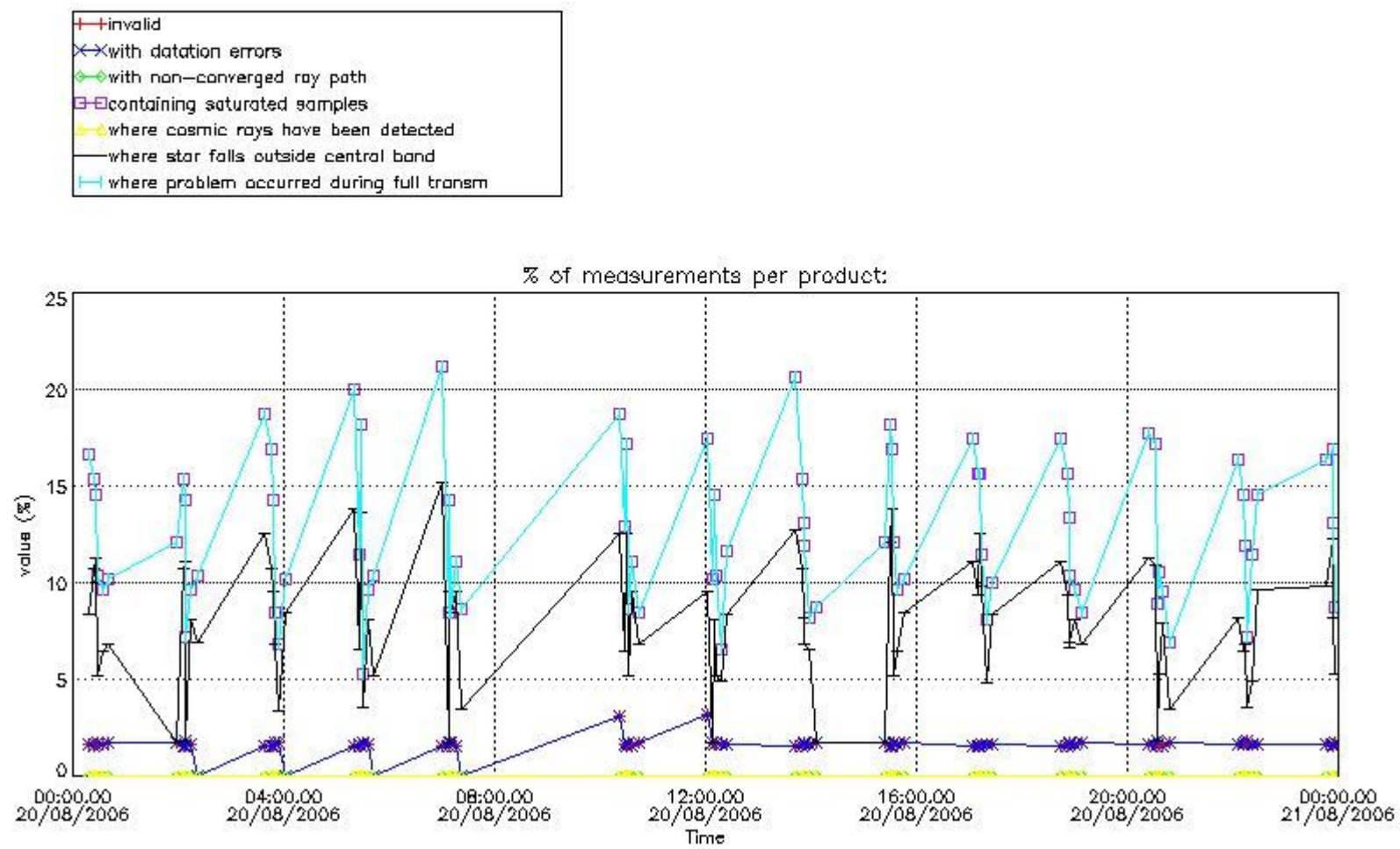
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



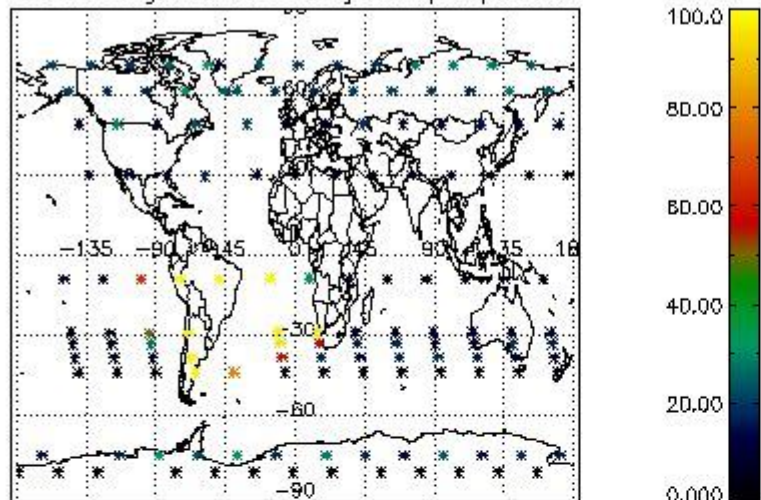
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



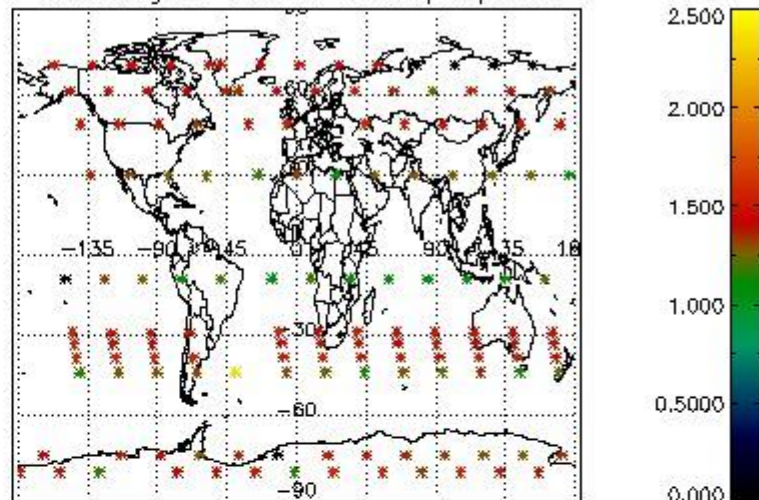
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

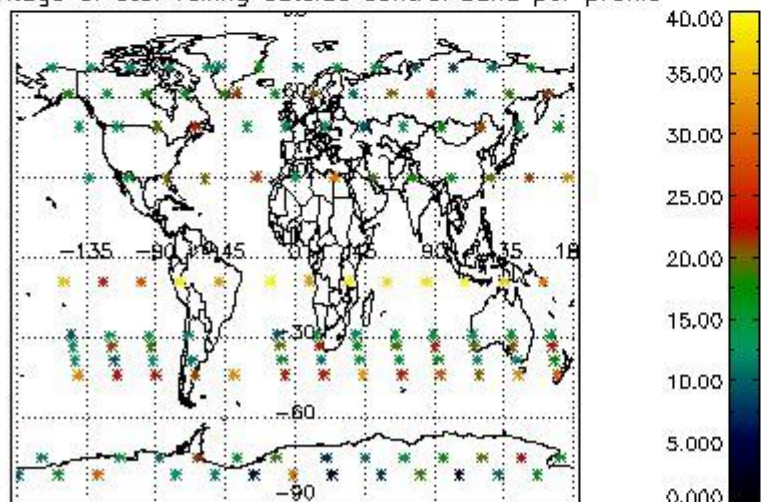
Percentage of cosmic ray hits per profile



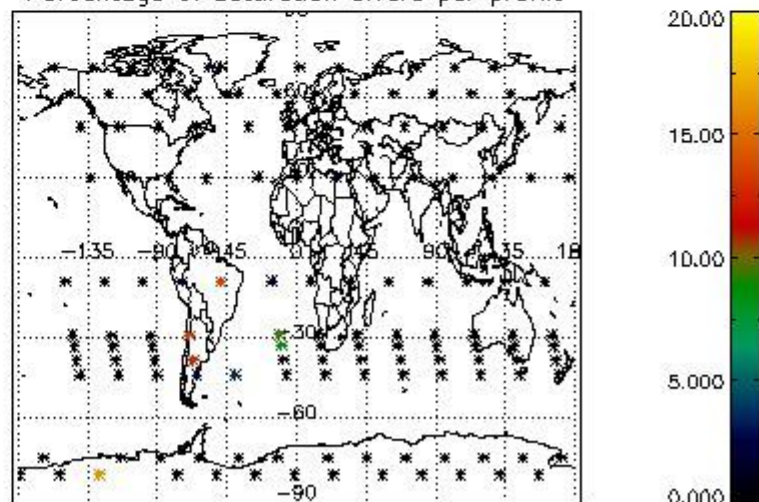
Percentage of datation errors per profile



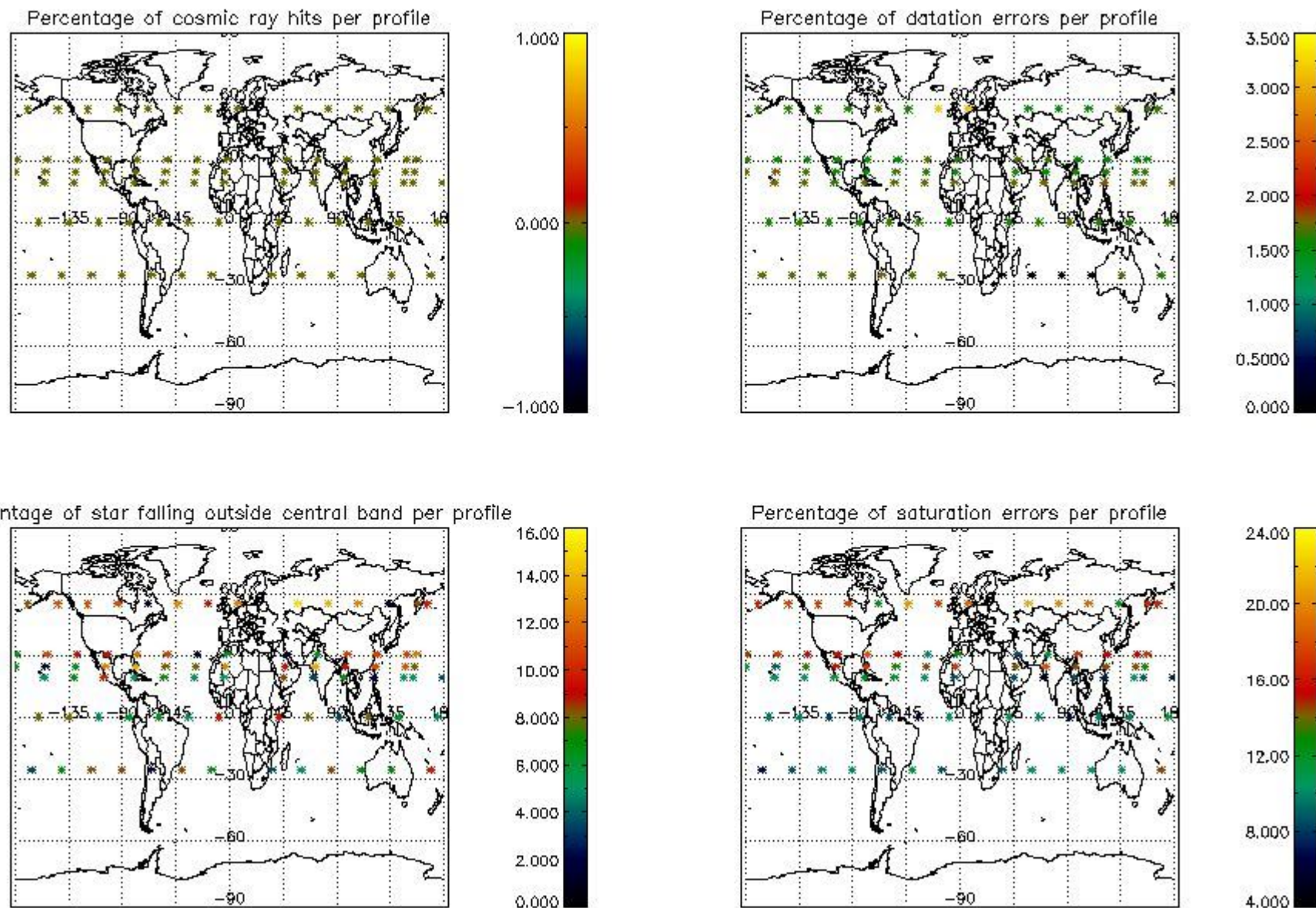
Percentage of star falling outside central band per profile



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

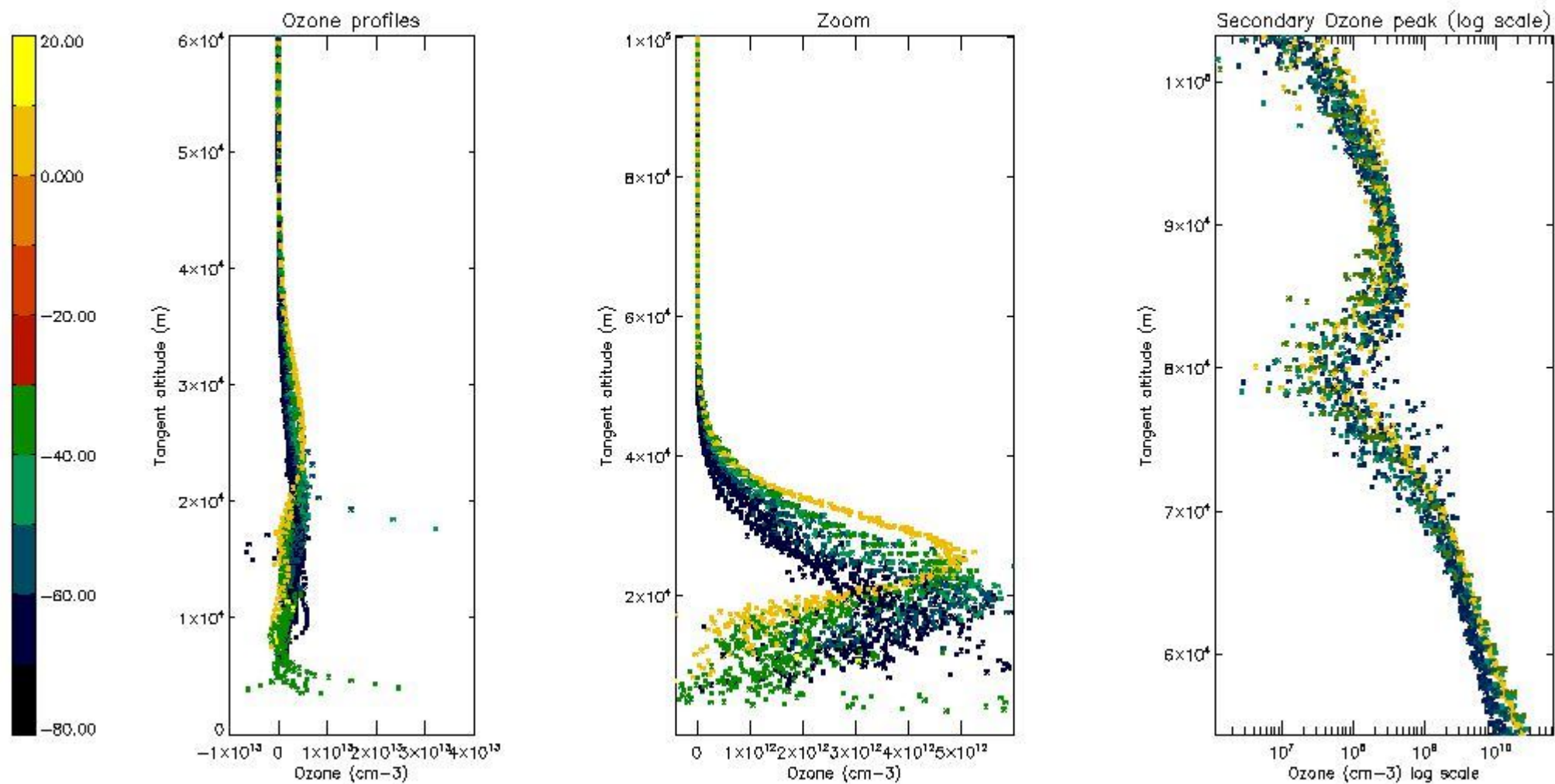
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	28

STD < 10	25
STD < 5	19

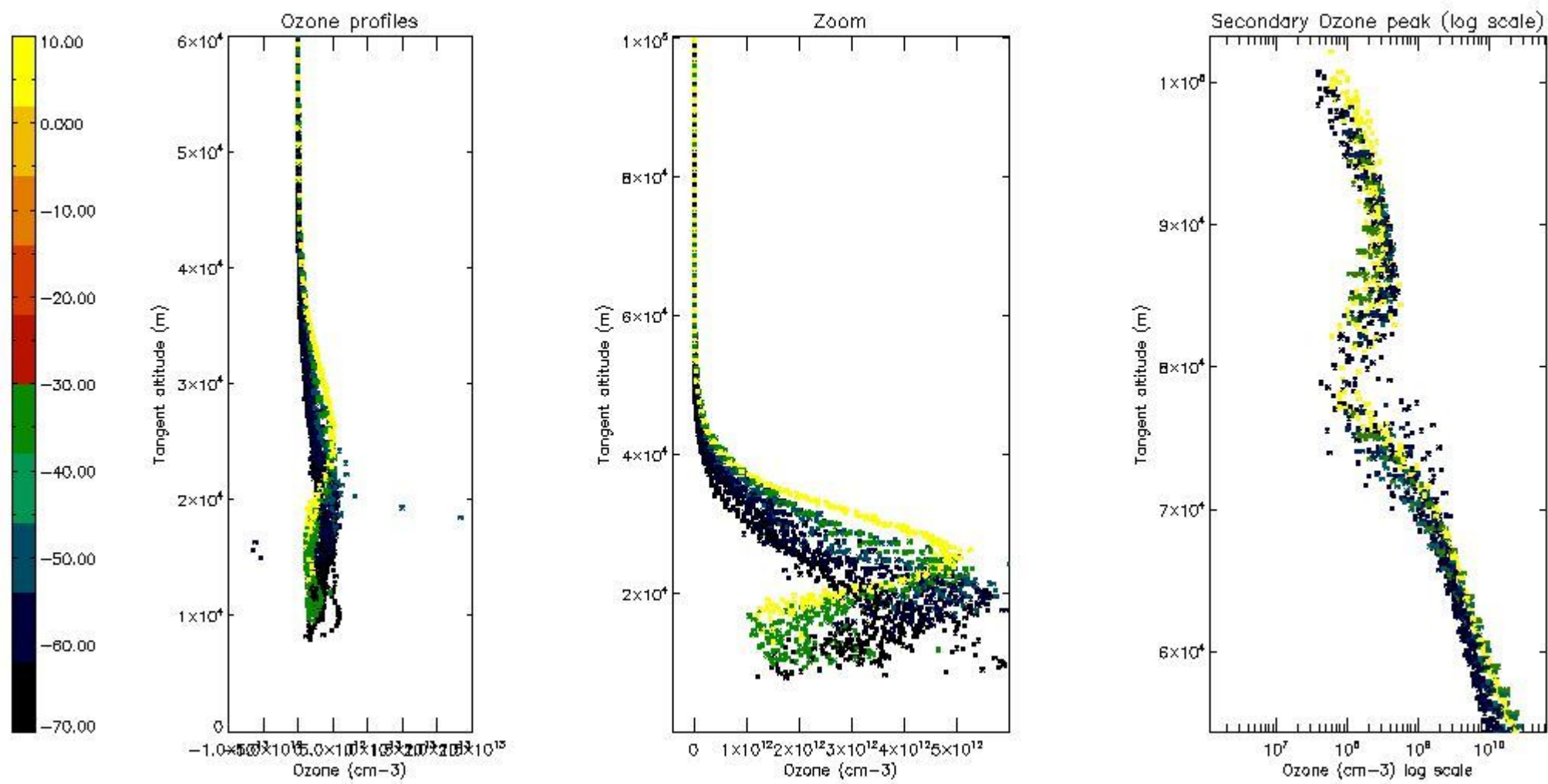
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



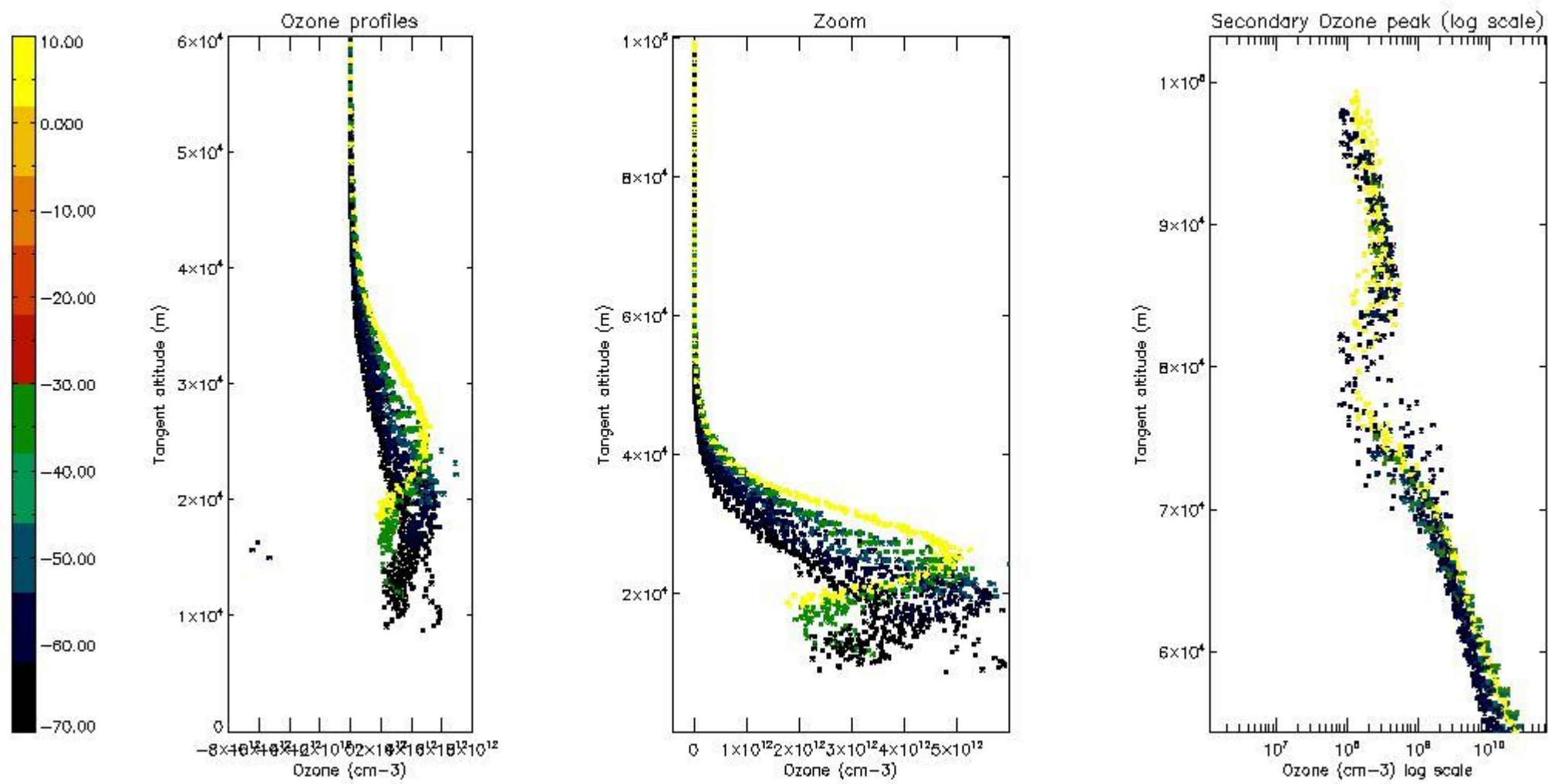
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

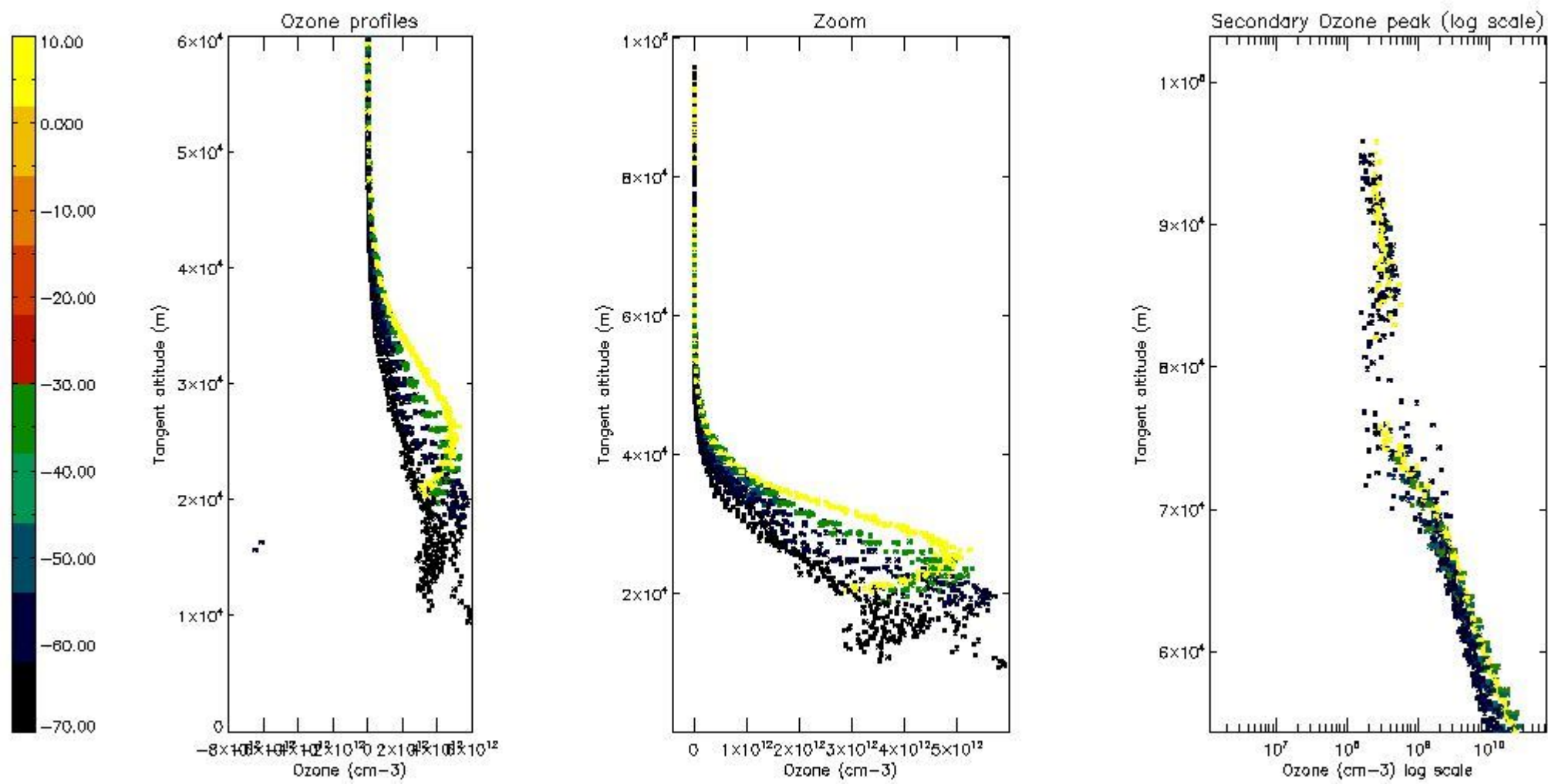
The colorbar represents the latitude.



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

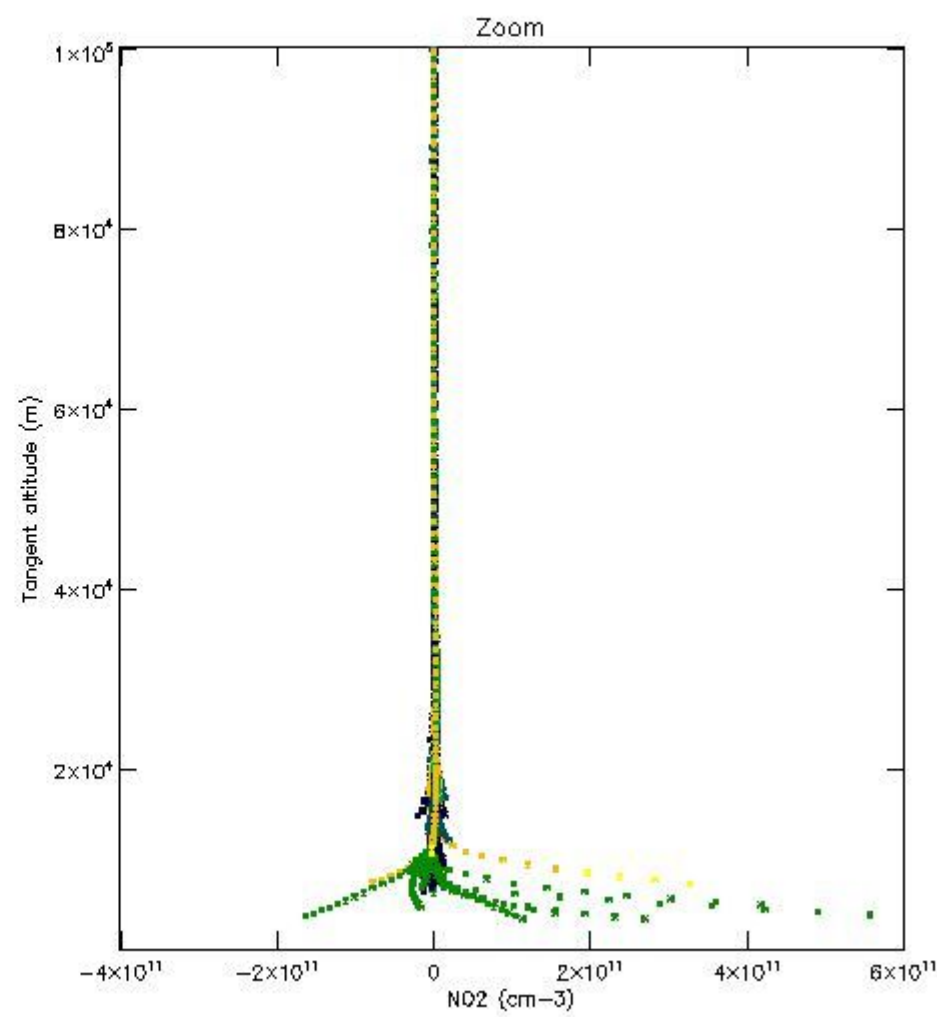
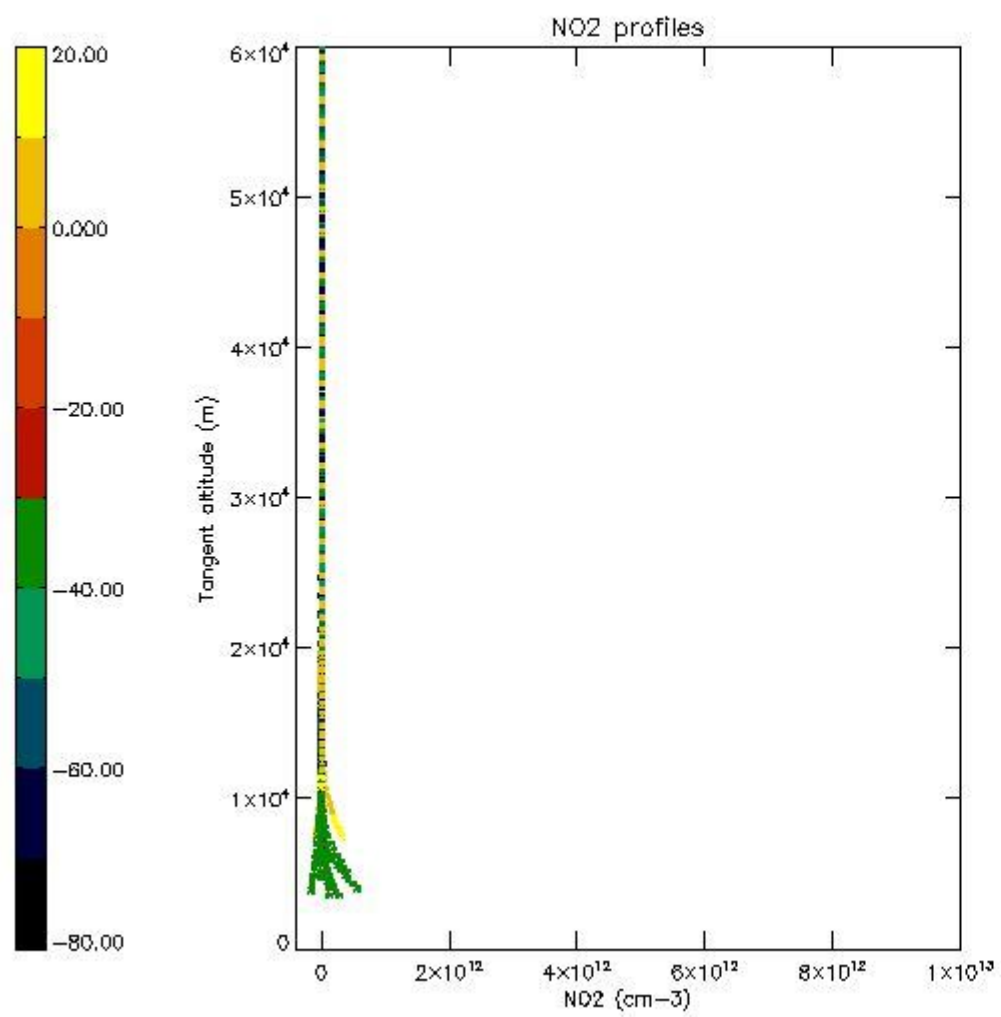
The colorbar represents the latitude.





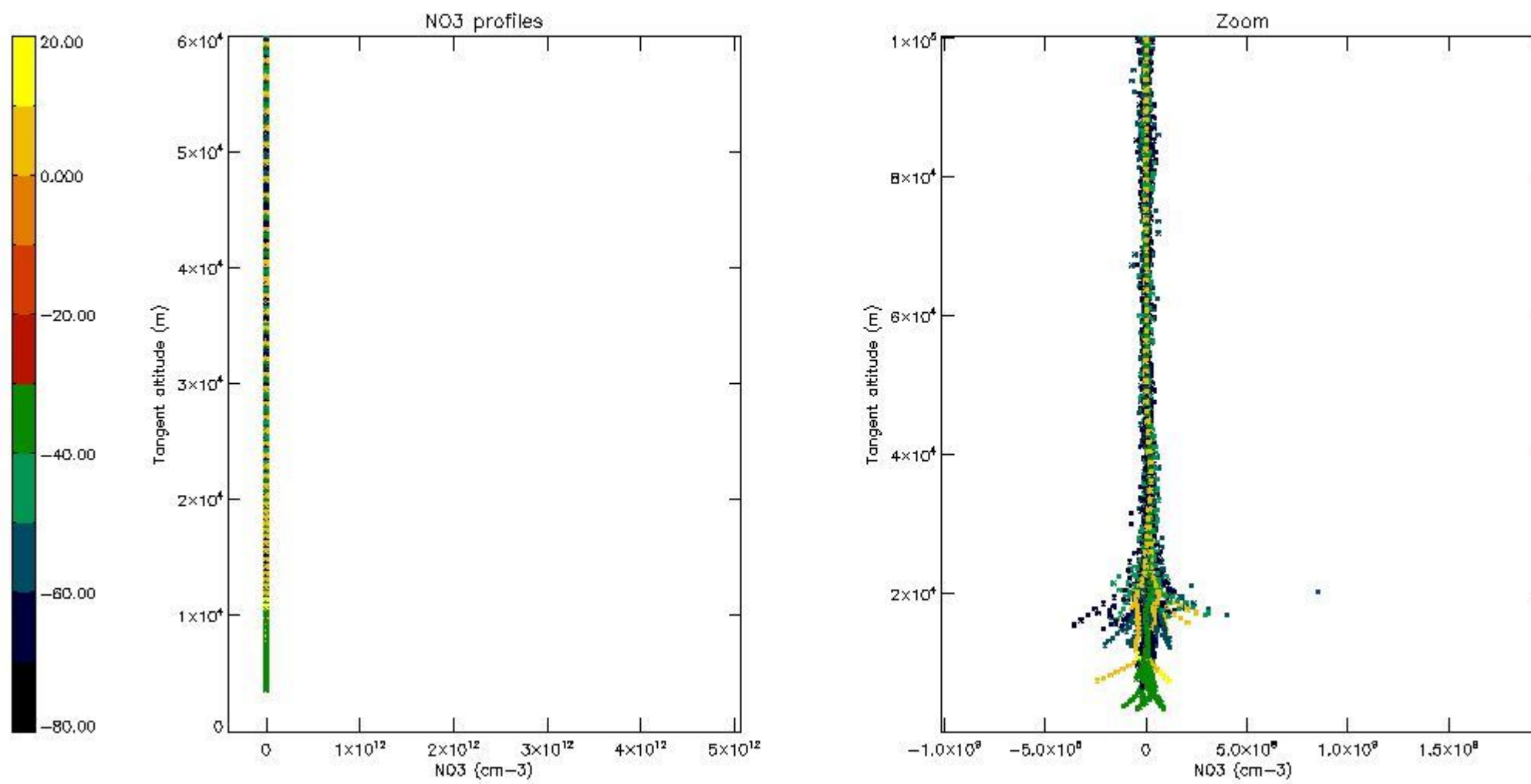
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



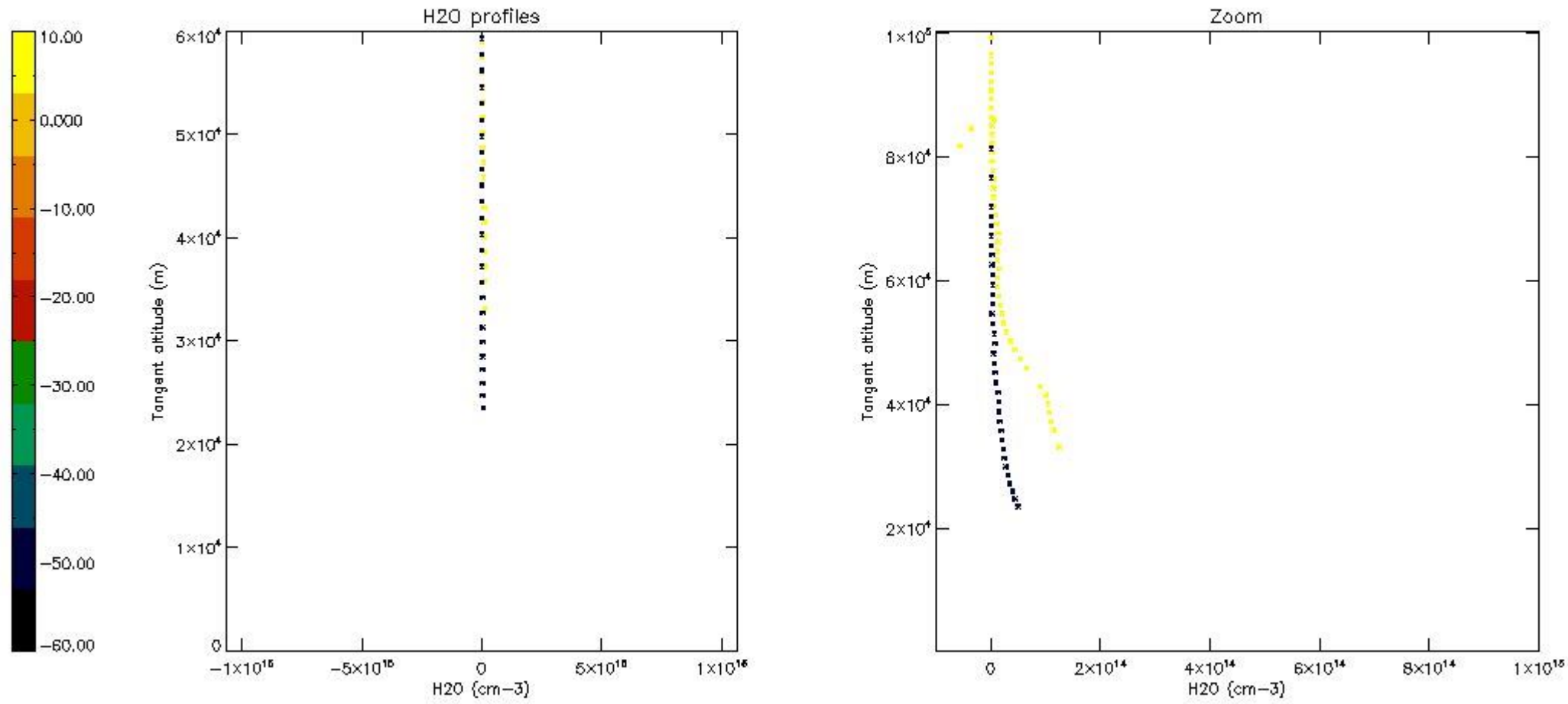
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

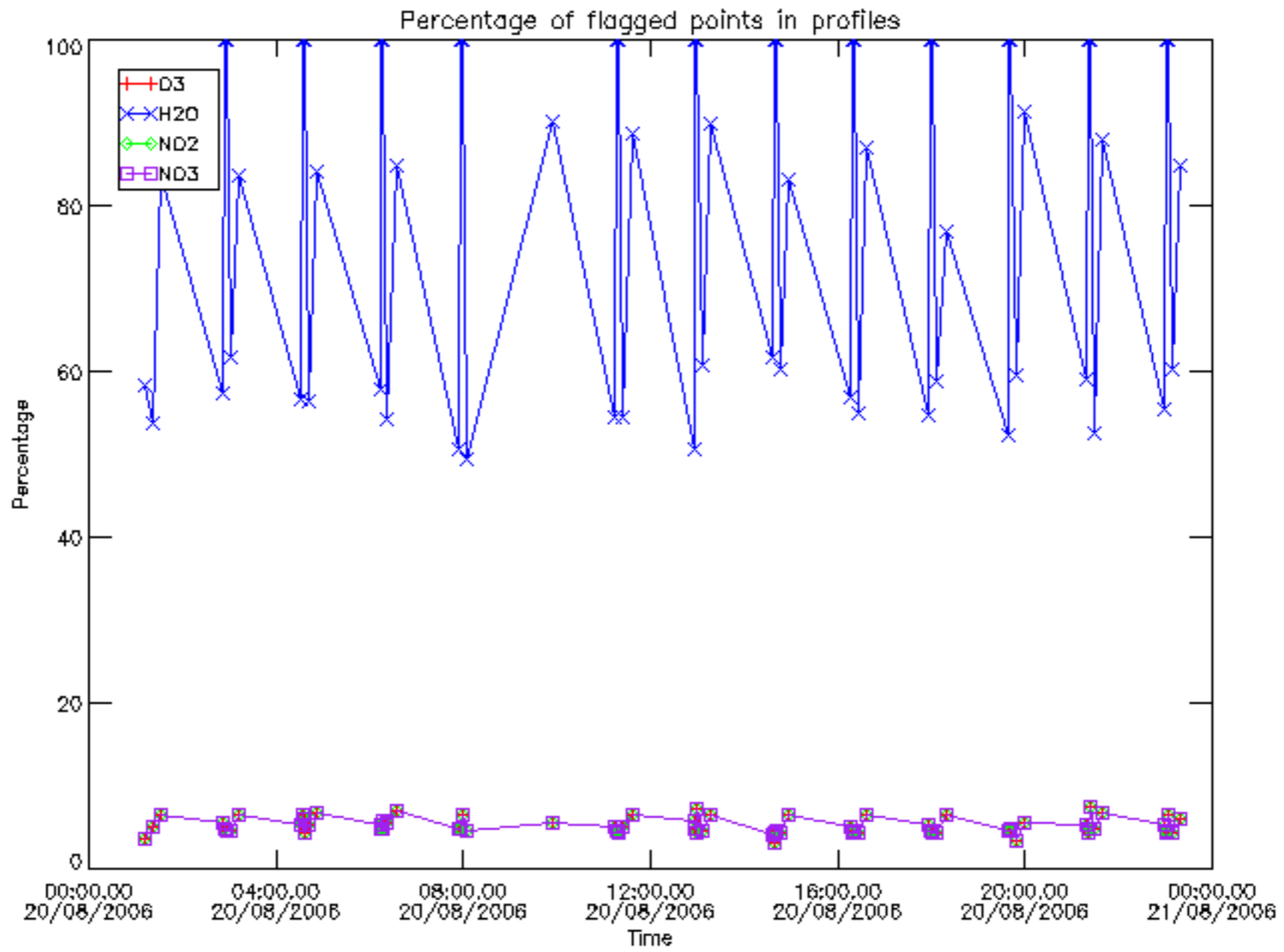
The colorbar represents the latitude.



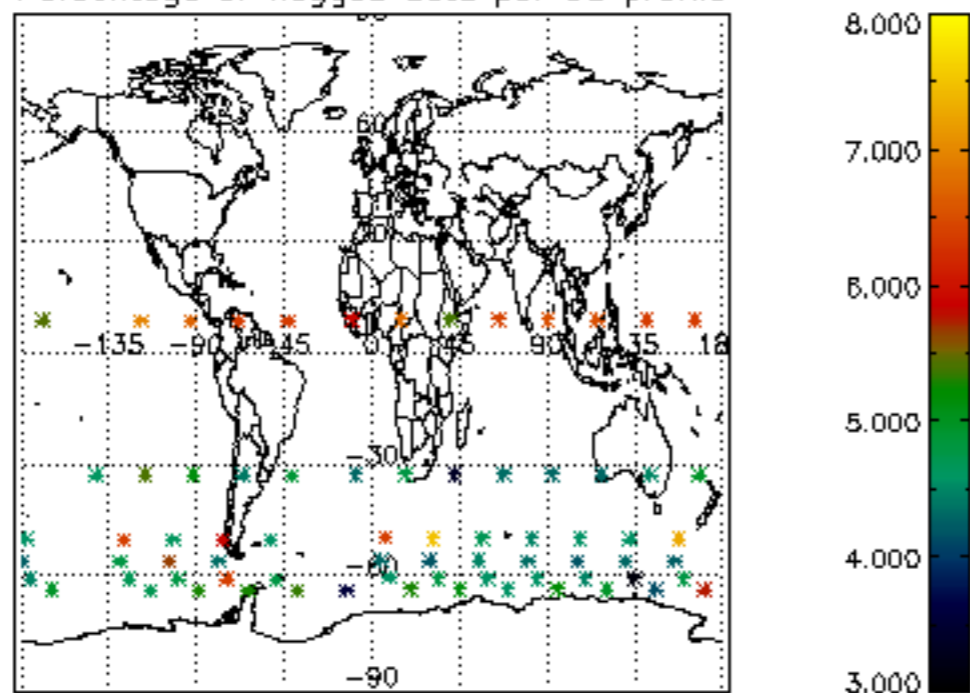
## 6. Auxiliary Data Files used for the production reported in section 2

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.

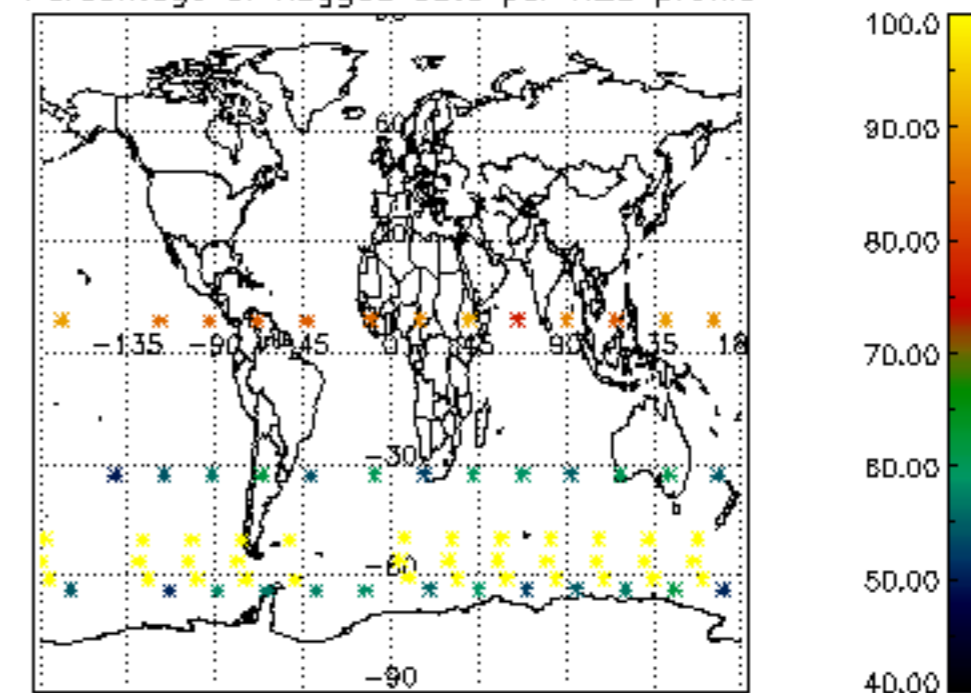
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-AUG-2006 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-AUG-2006 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-AUG-2006 00:00:27



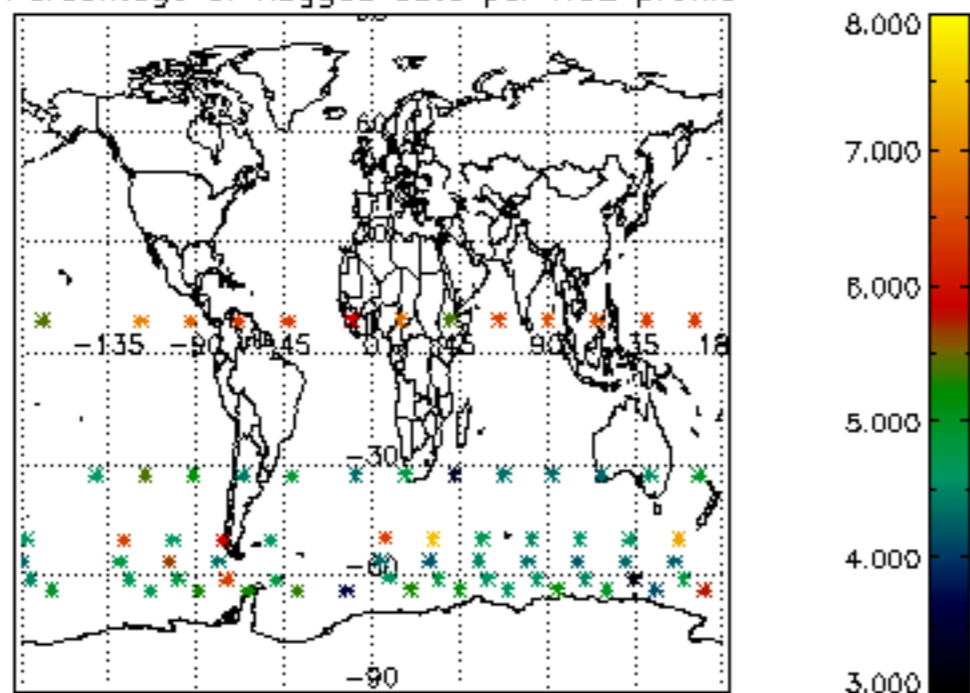
Percentage of flagged data per D3 profile



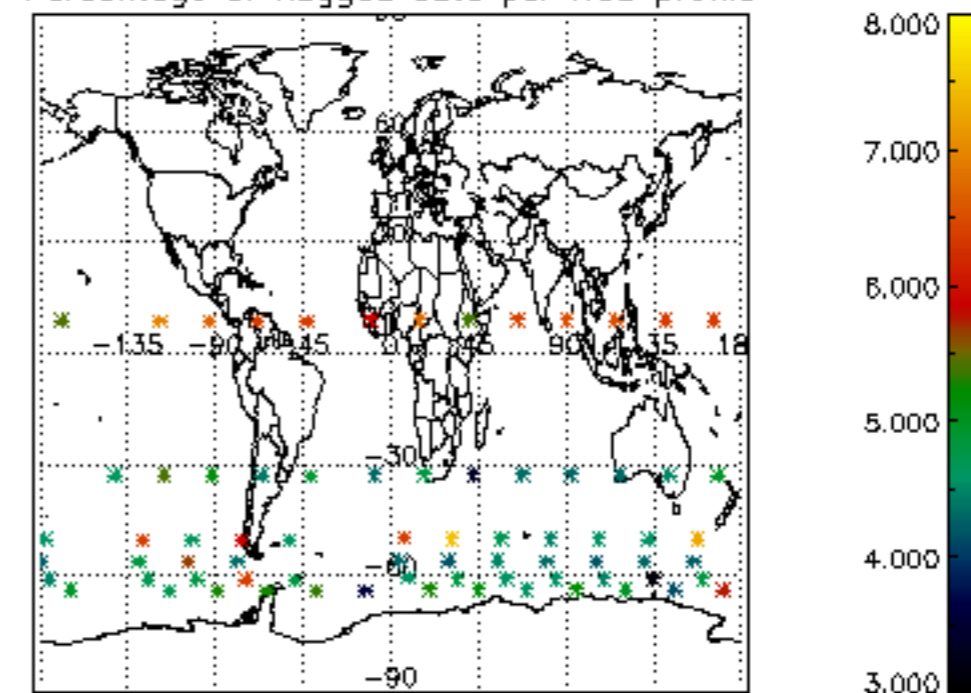
Percentage of flagged data per H2O profile

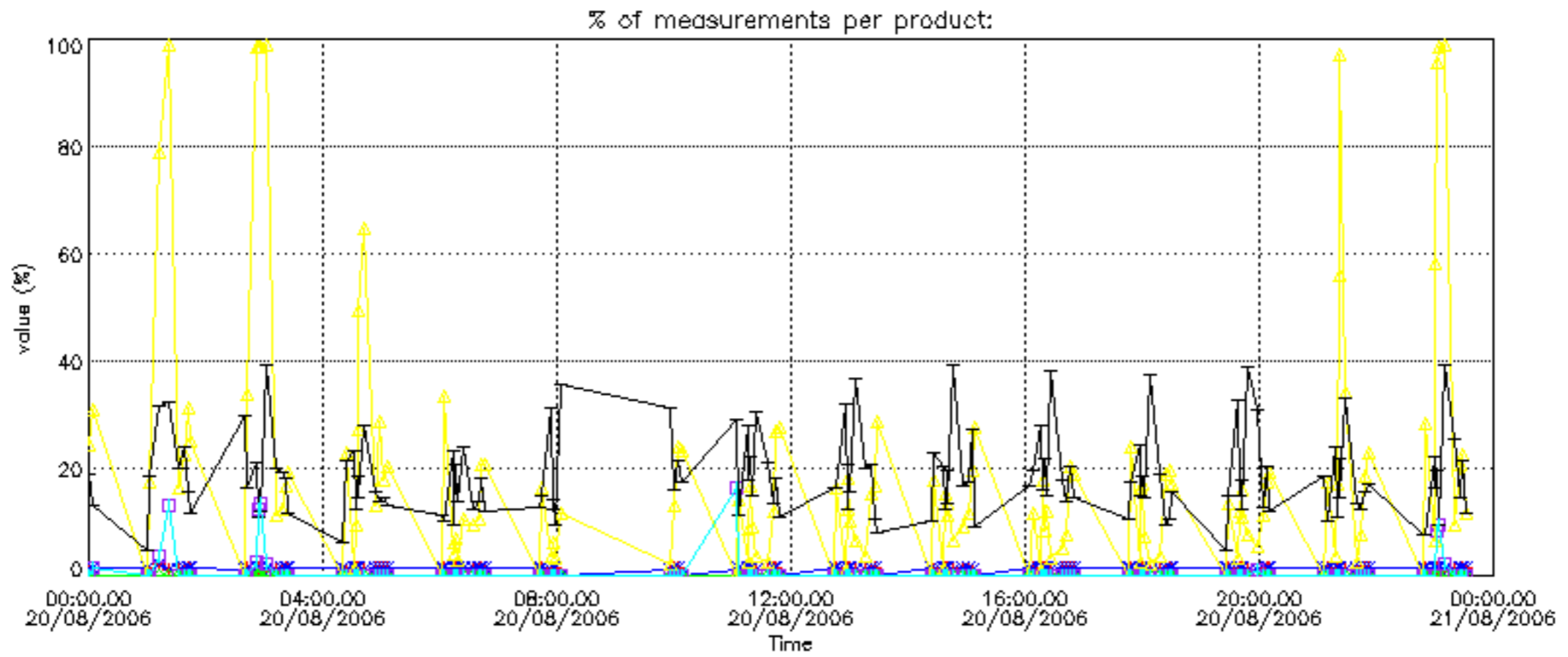


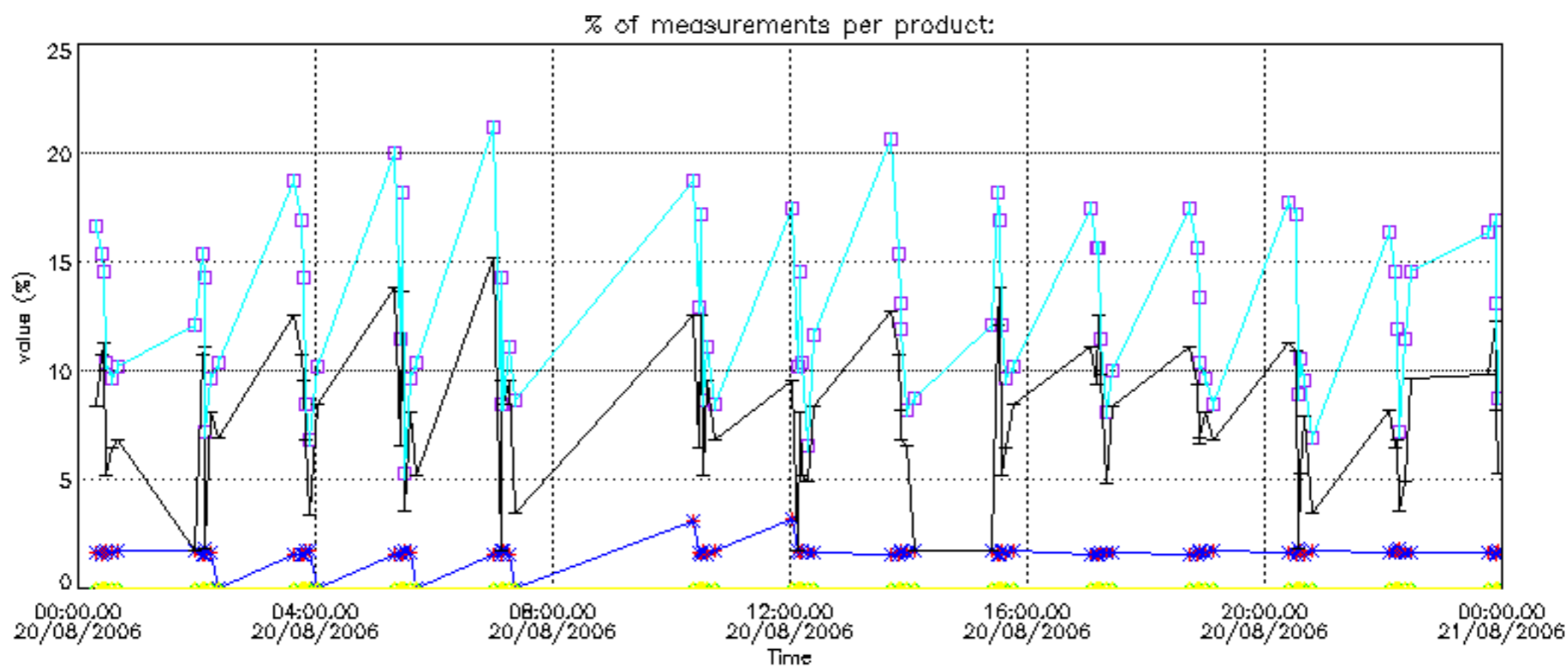
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

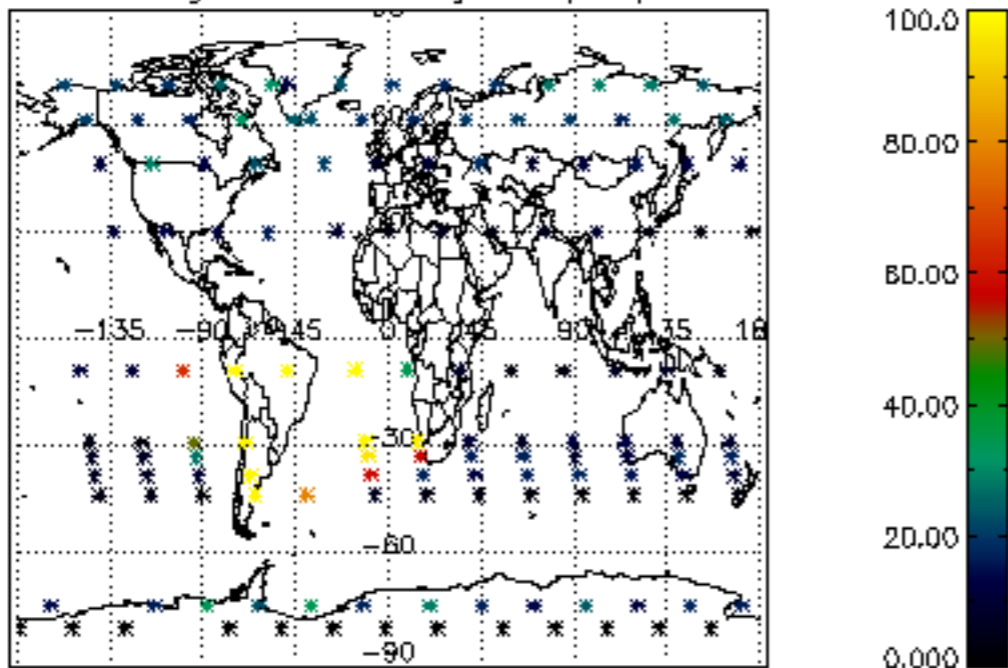




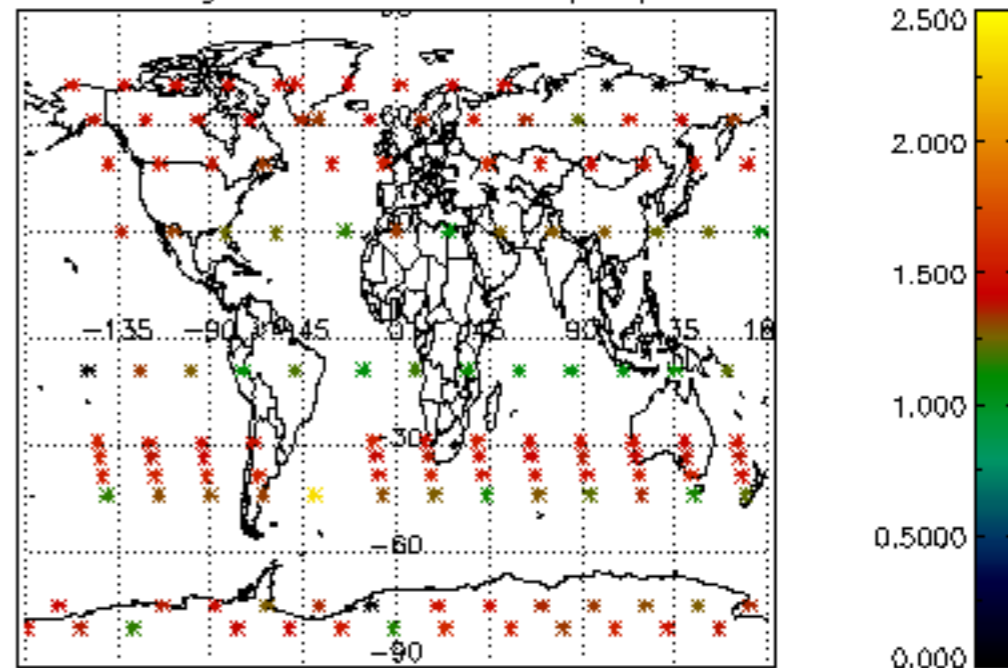




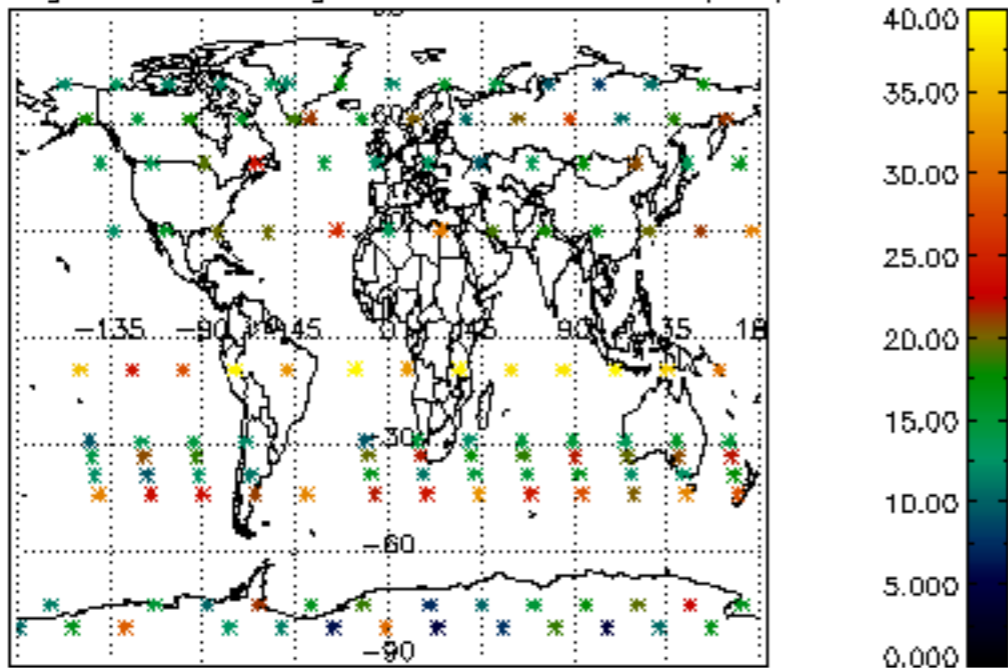
Percentage of cosmic ray hits per profile



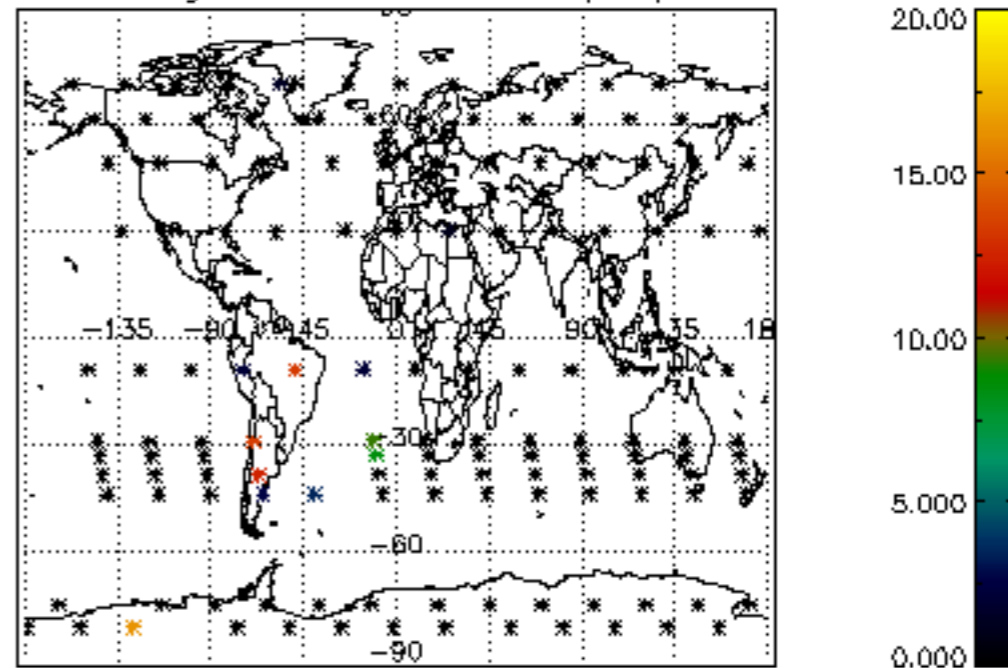
Percentage of datation errors per profile



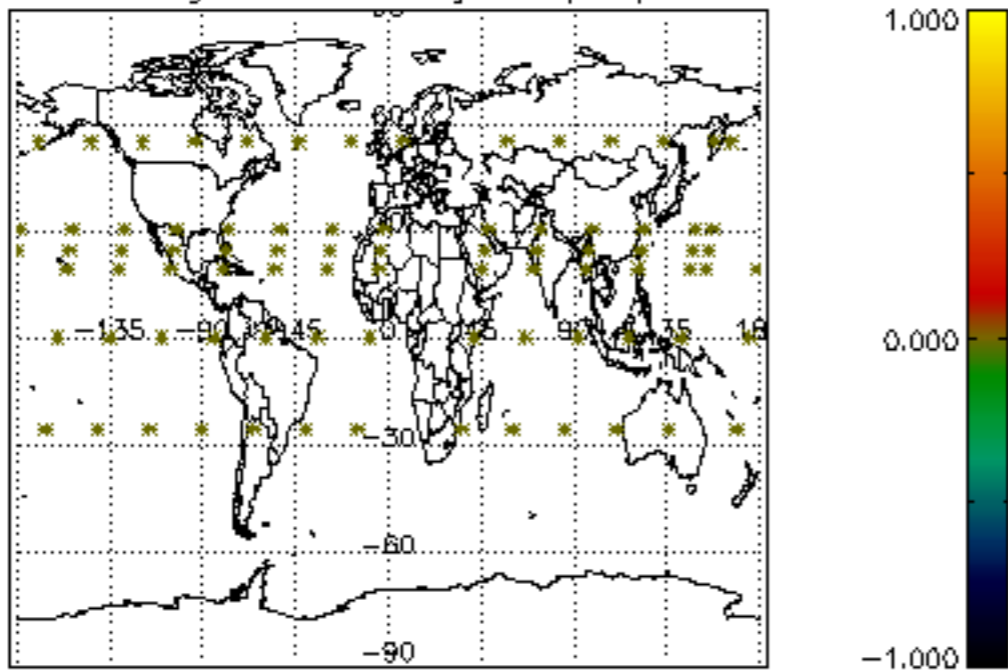
Percentage of star falling outside central band per profile



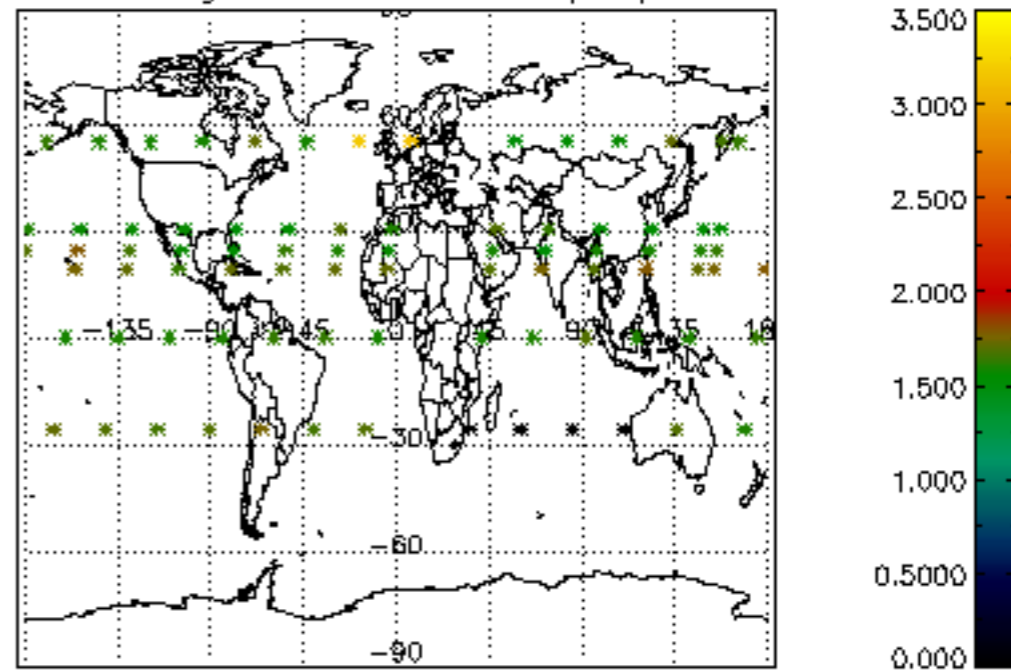
Percentage of saturation errors per profile



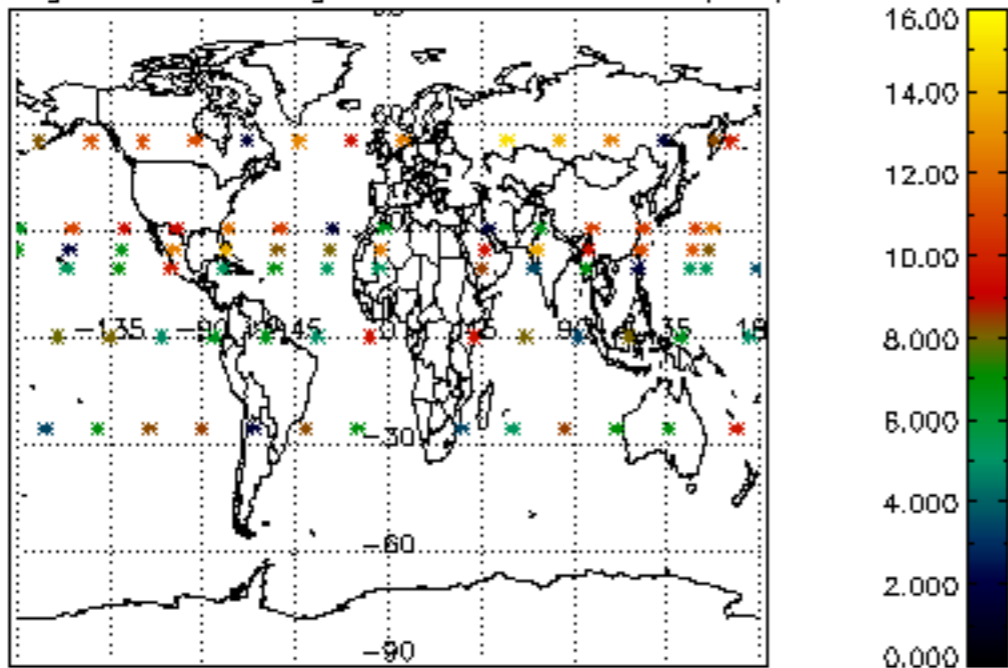
Percentage of cosmic ray hits per profile



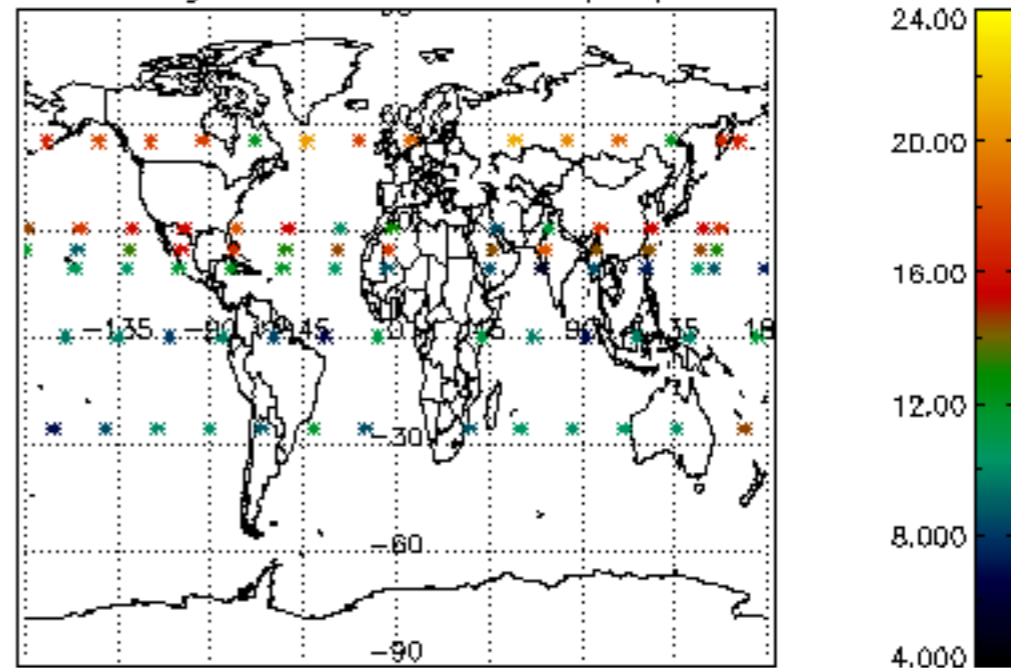
Percentage of datation errors per profile

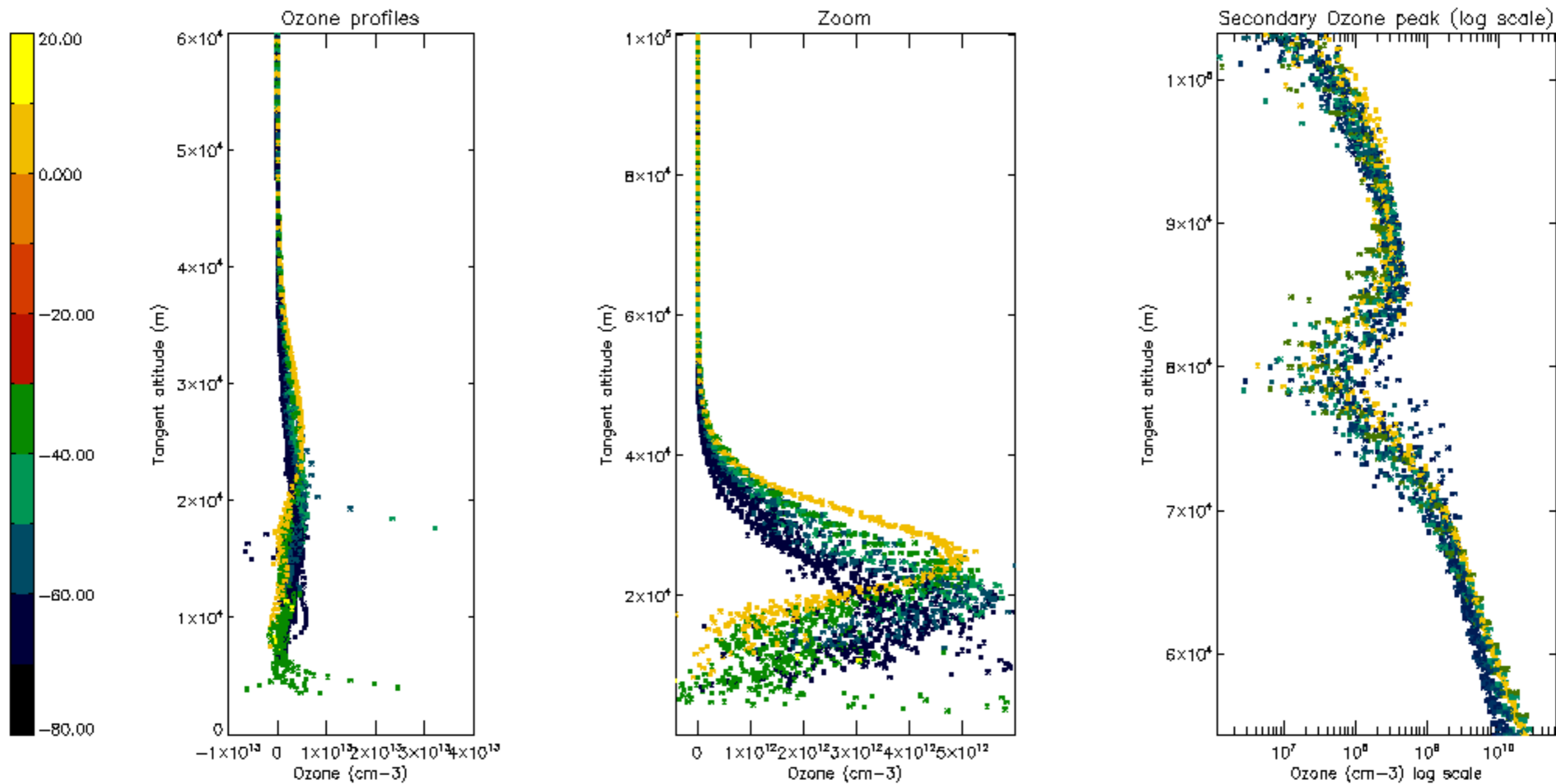


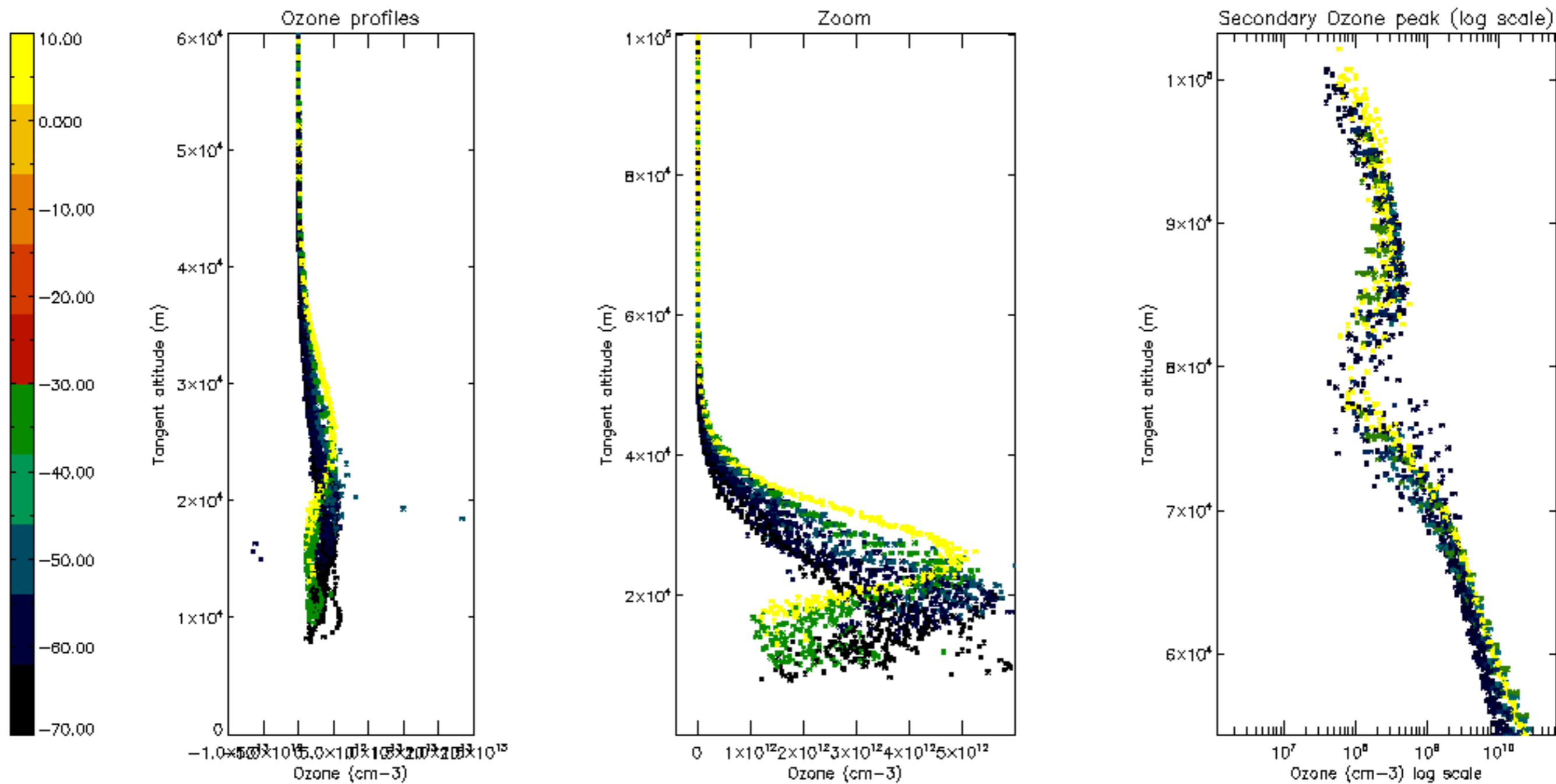
Percentage of star falling outside central band per profile

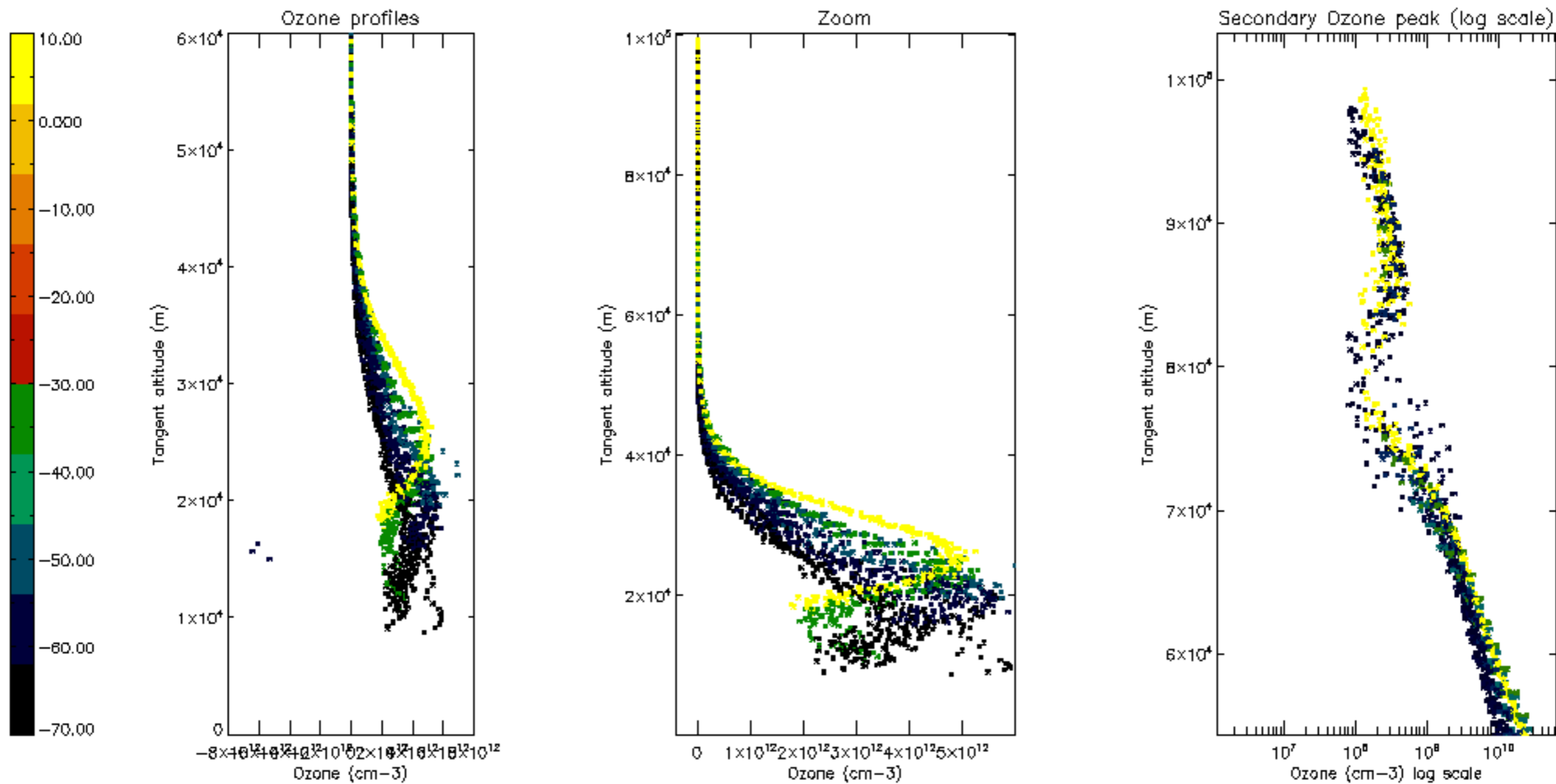


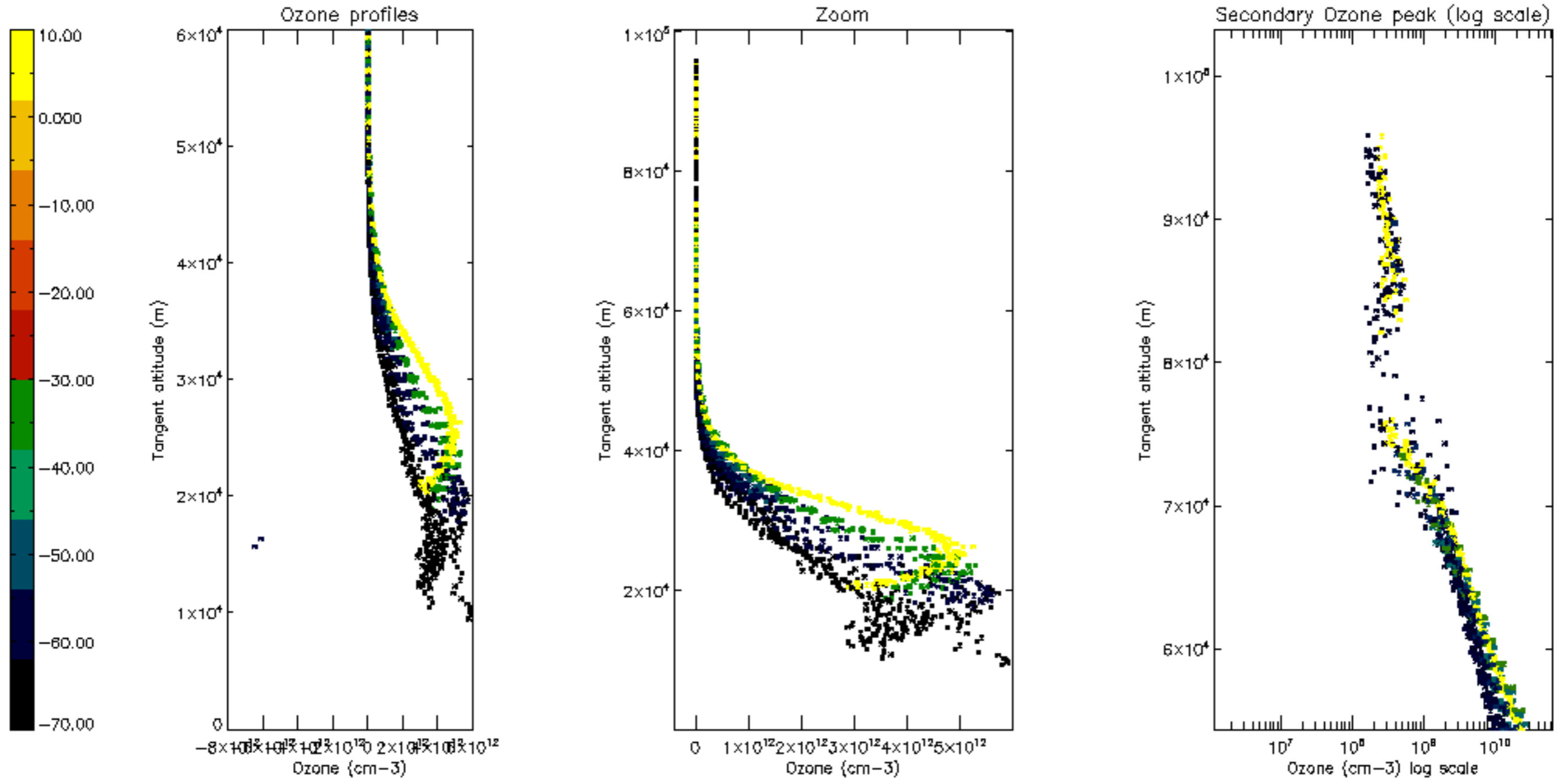
Percentage of saturation errors per profile

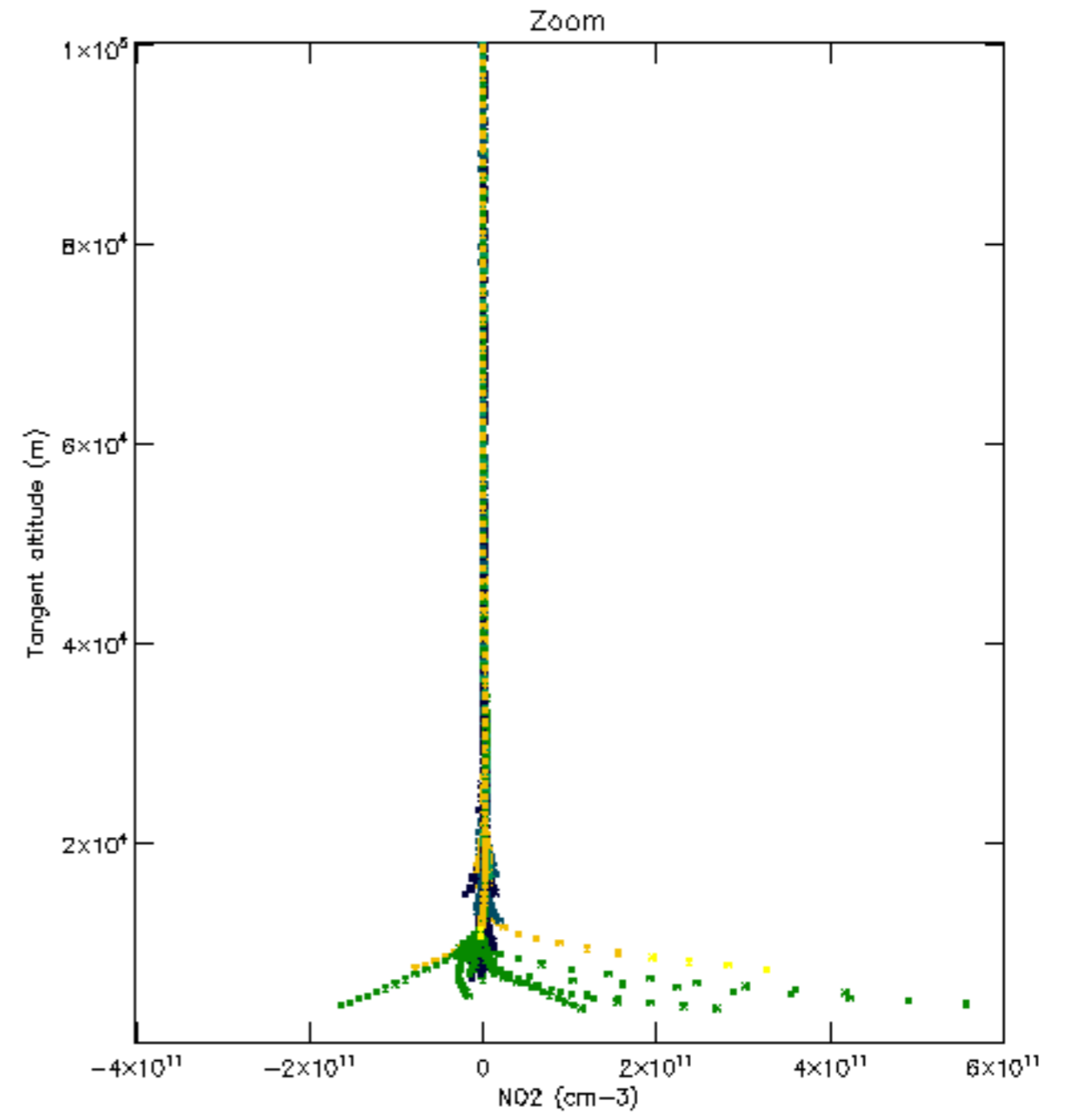
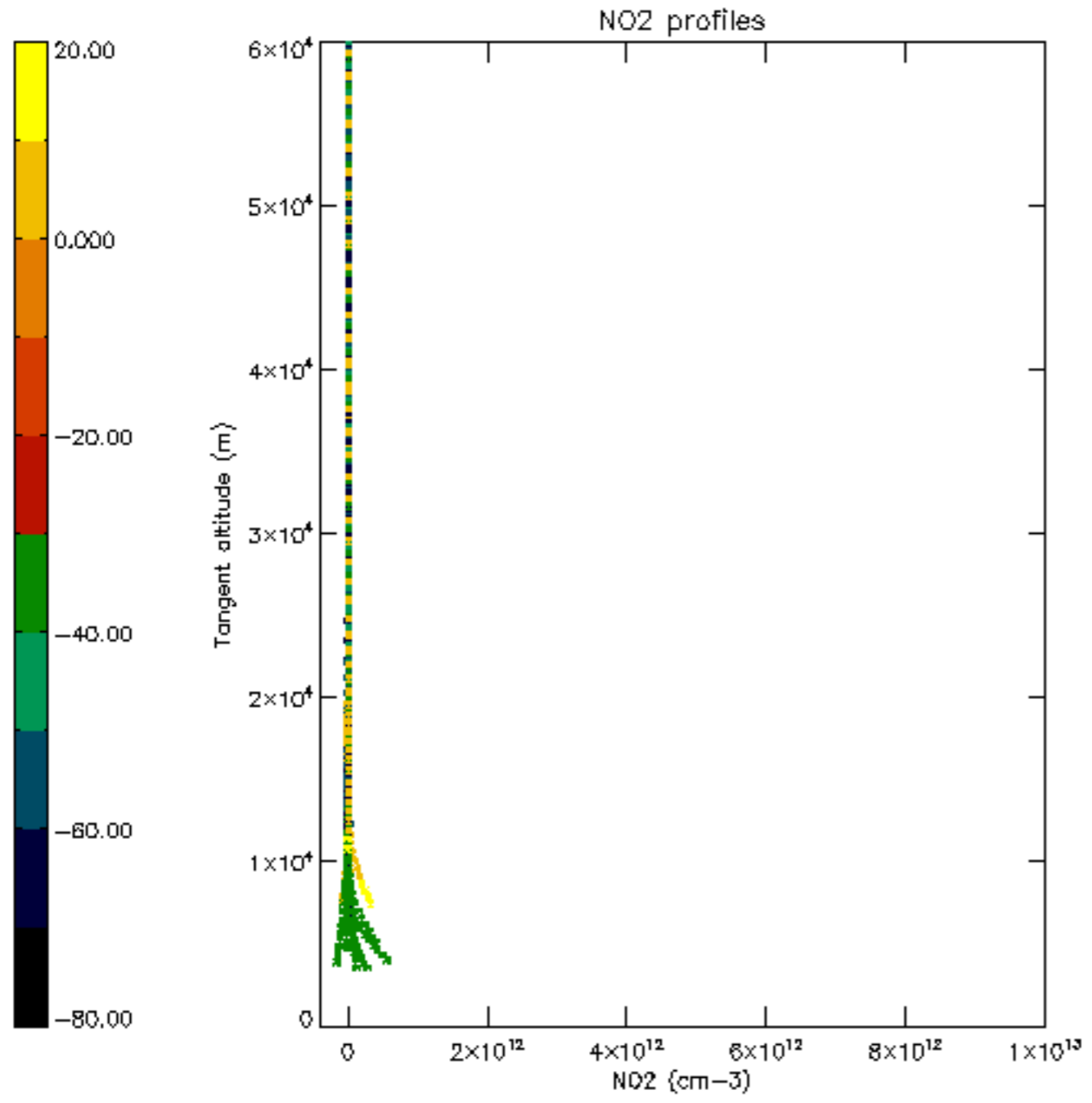


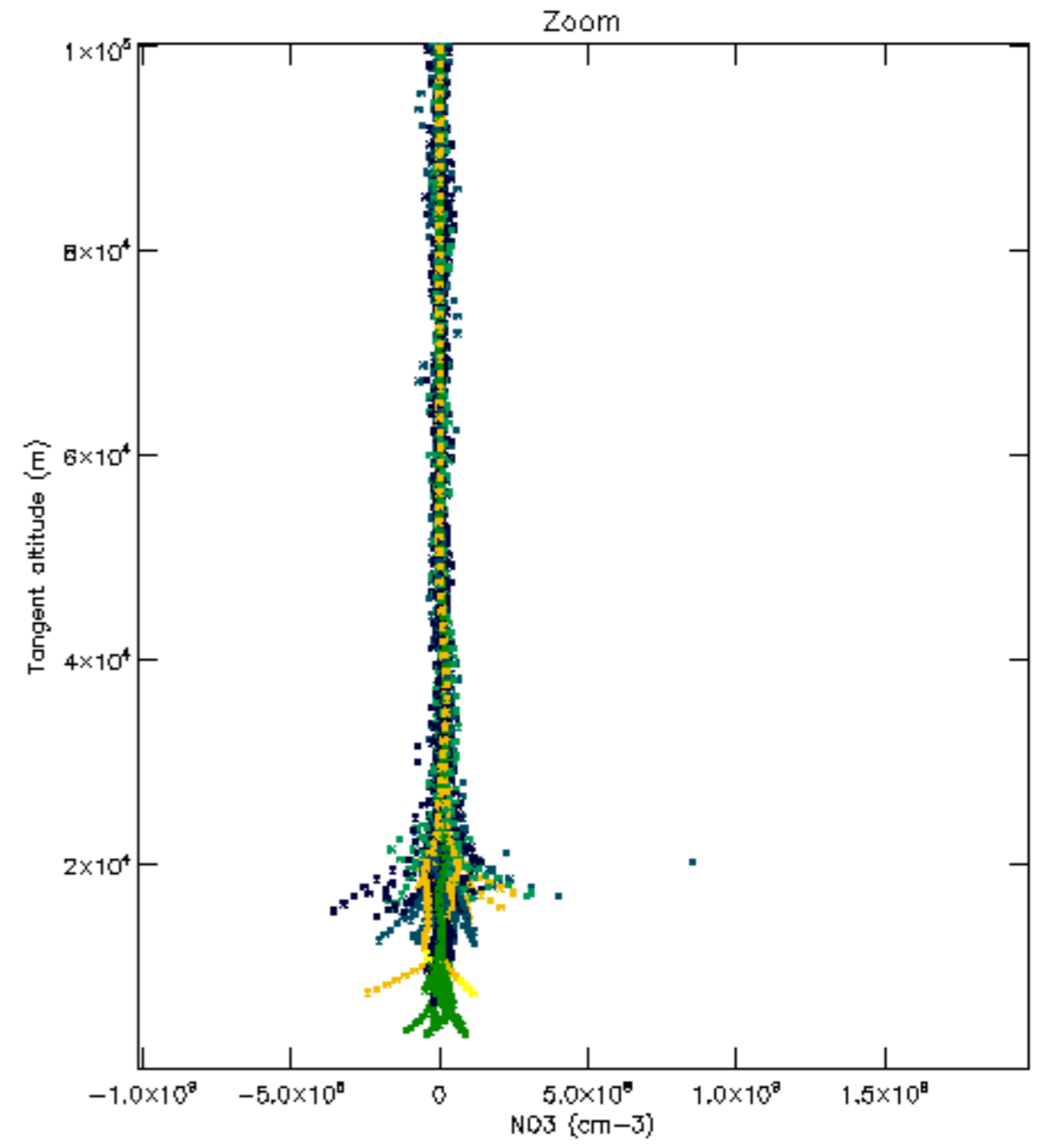
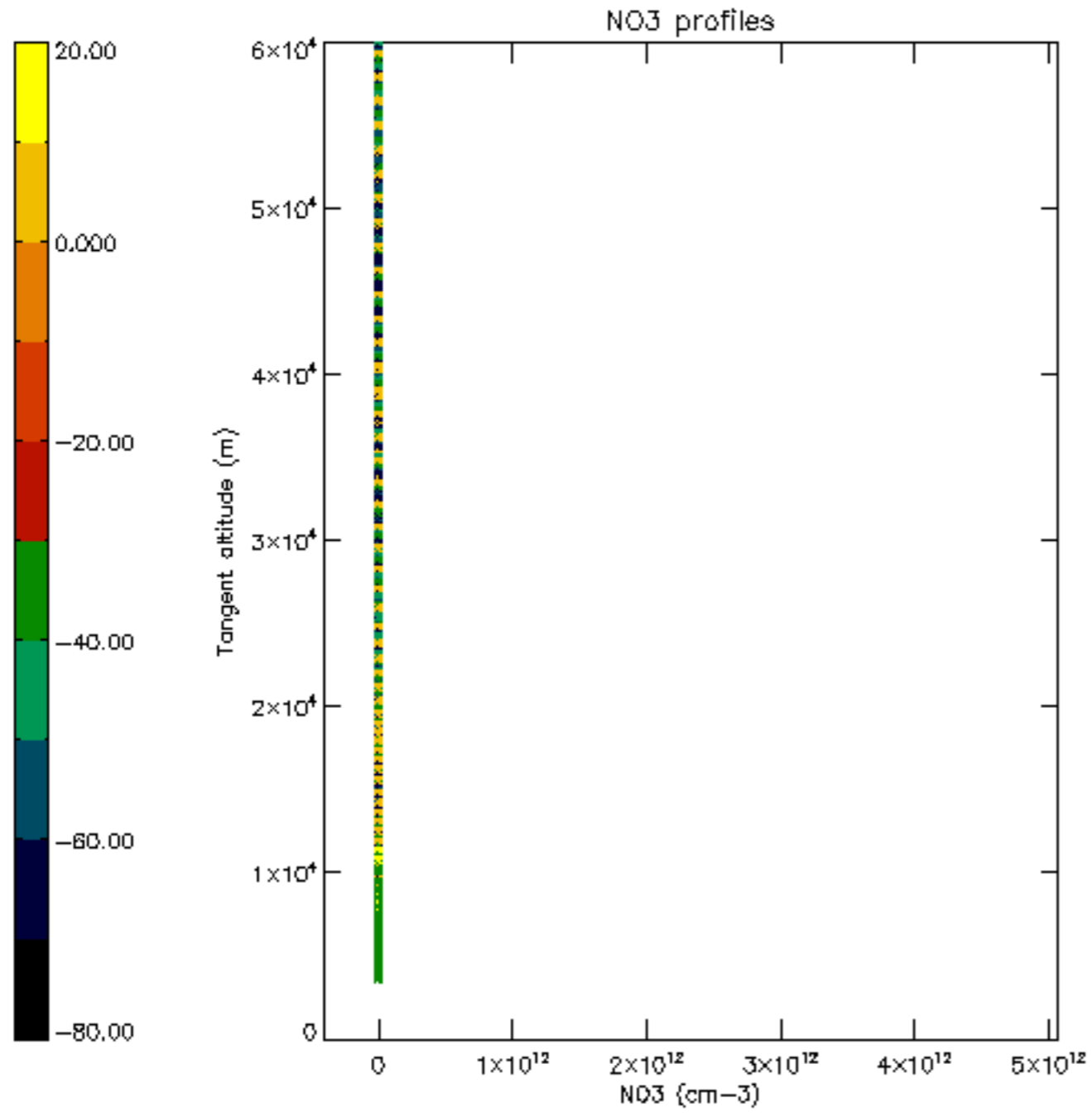




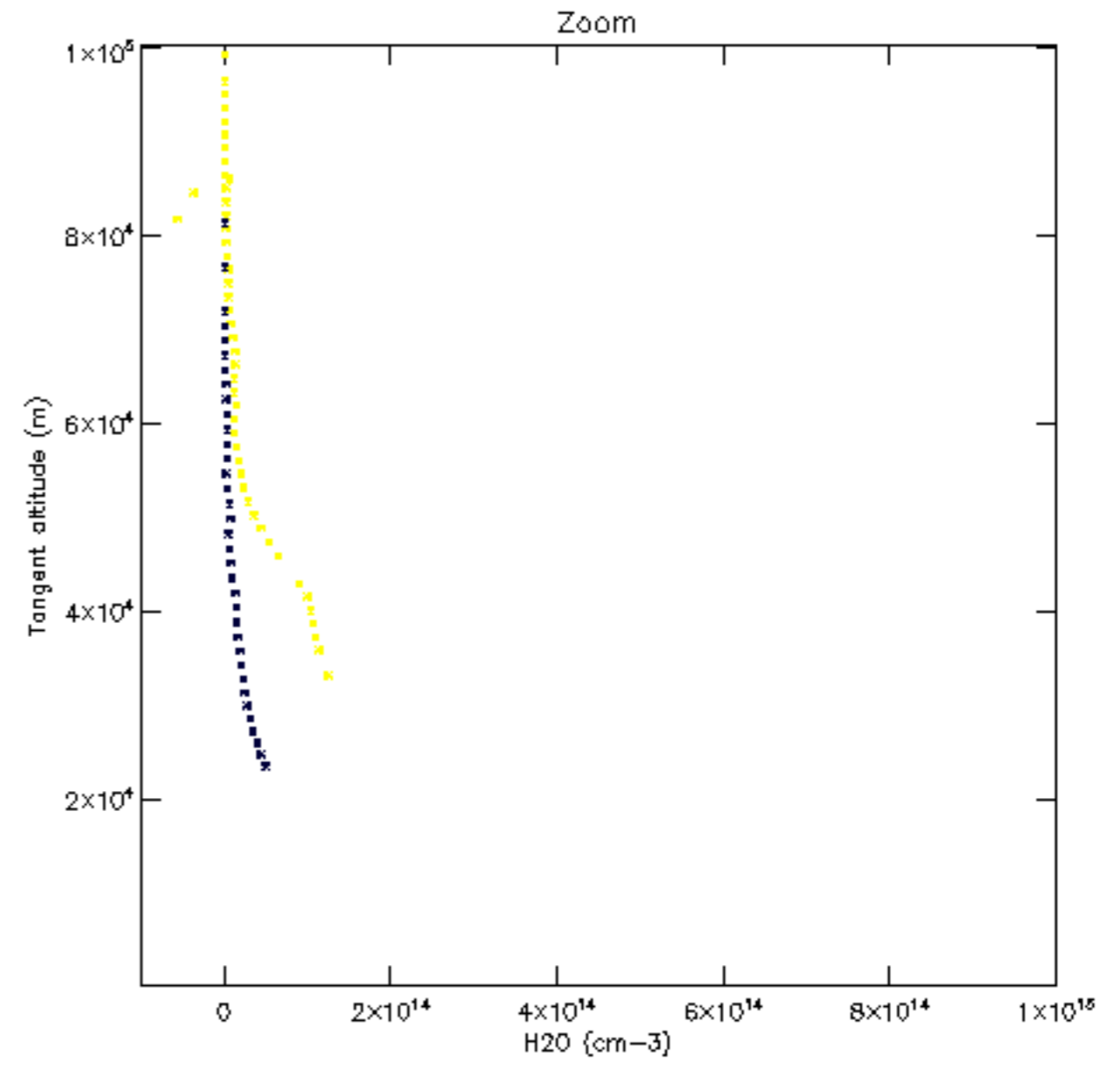
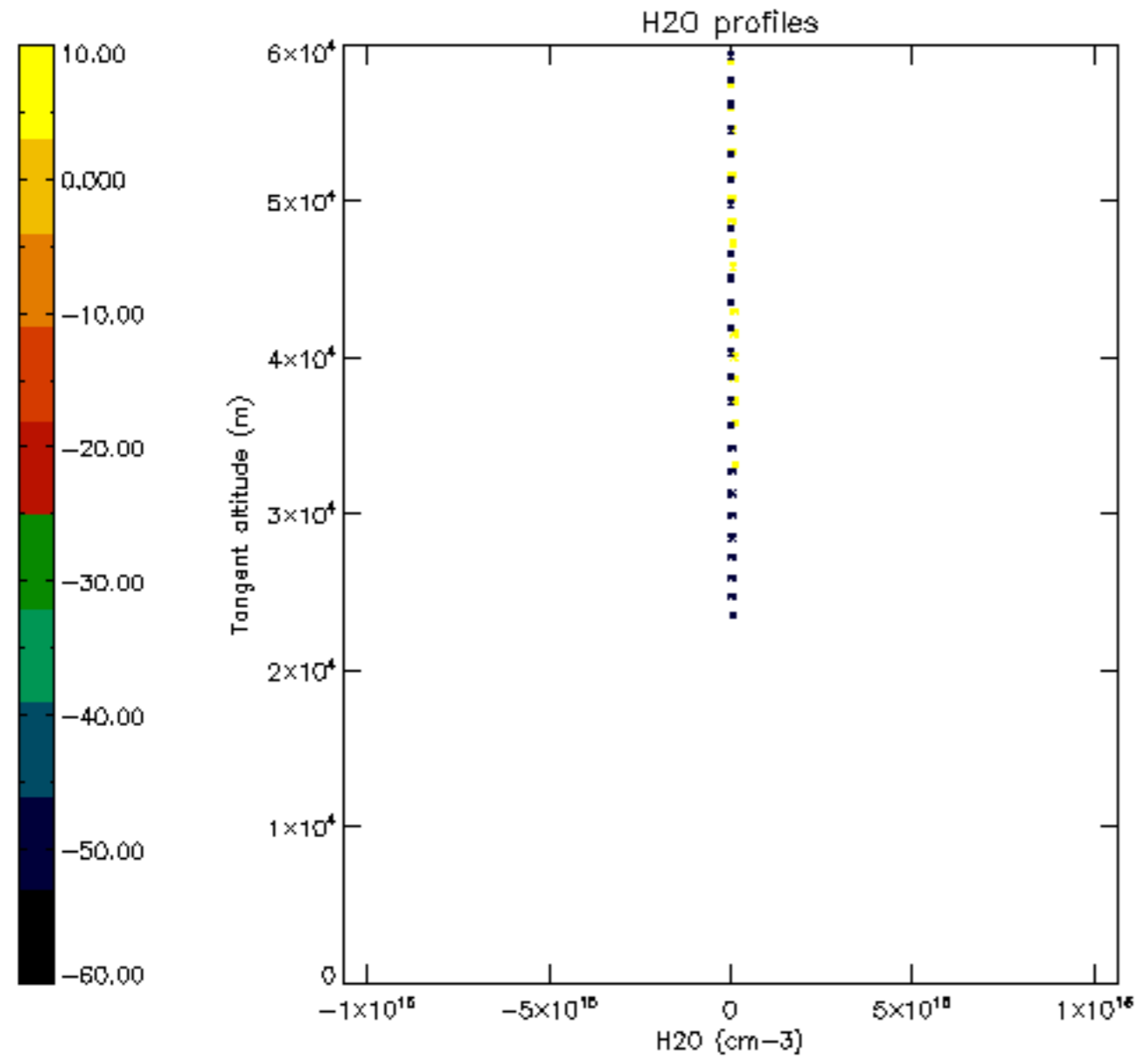


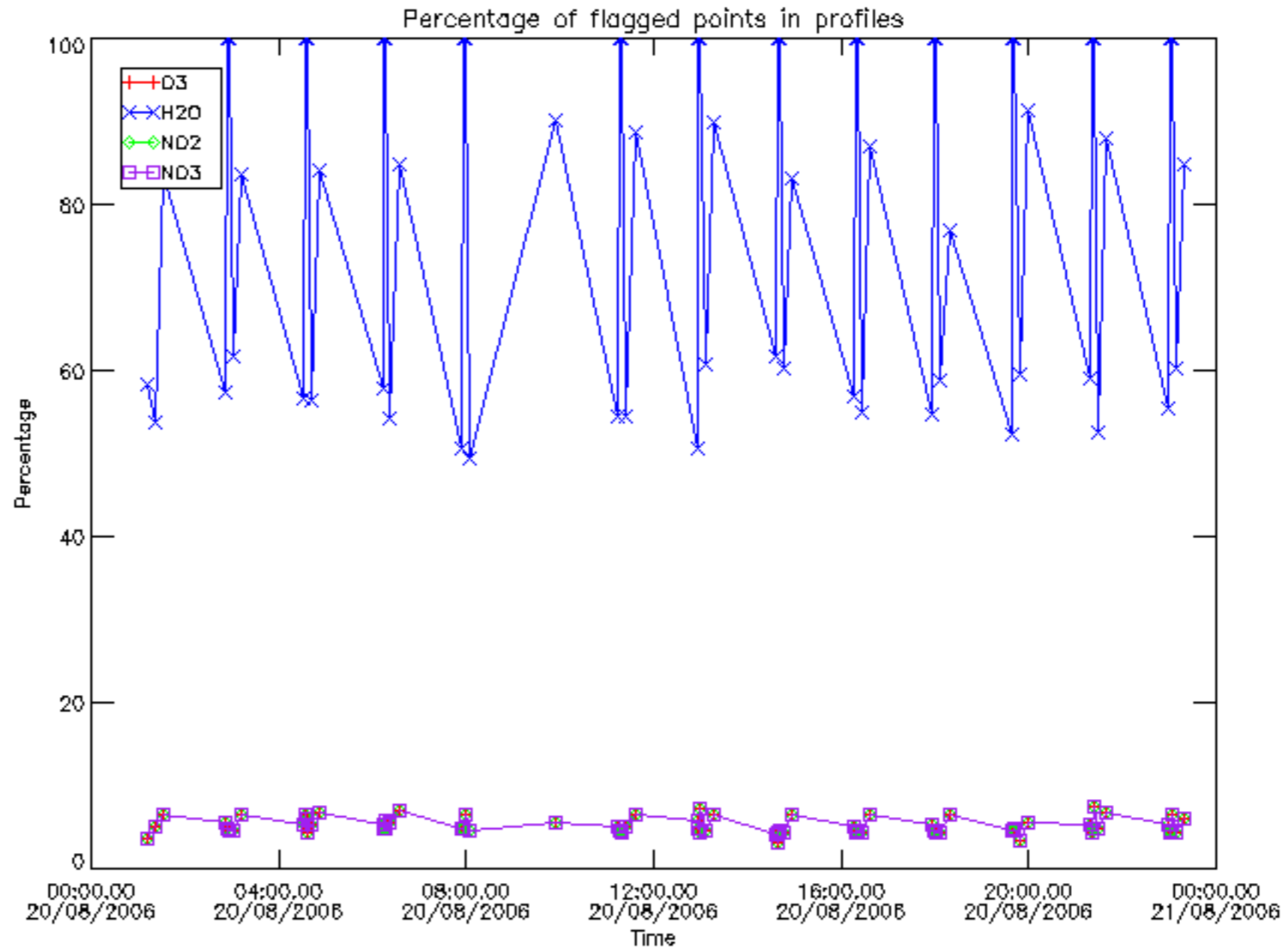




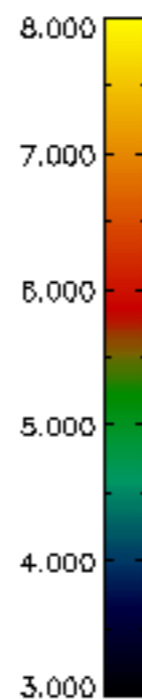
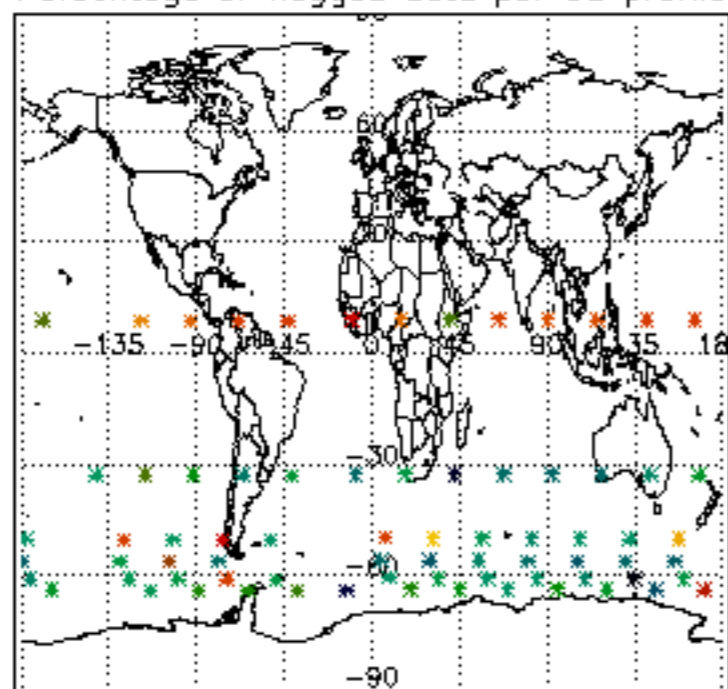




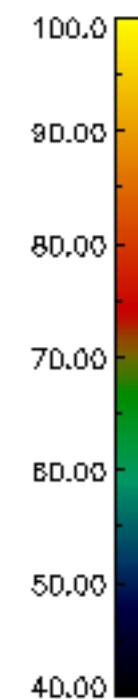
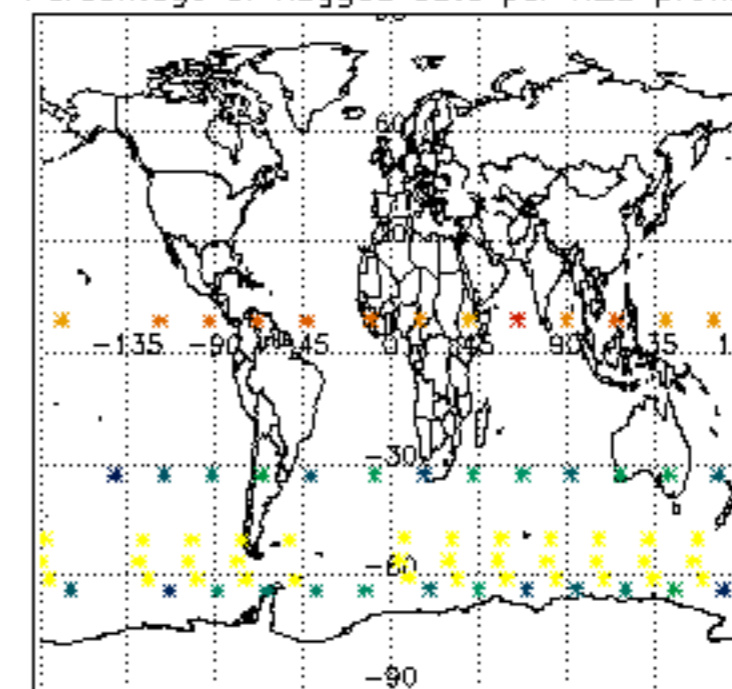




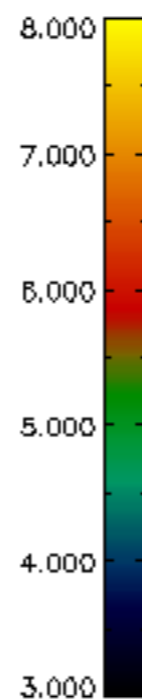
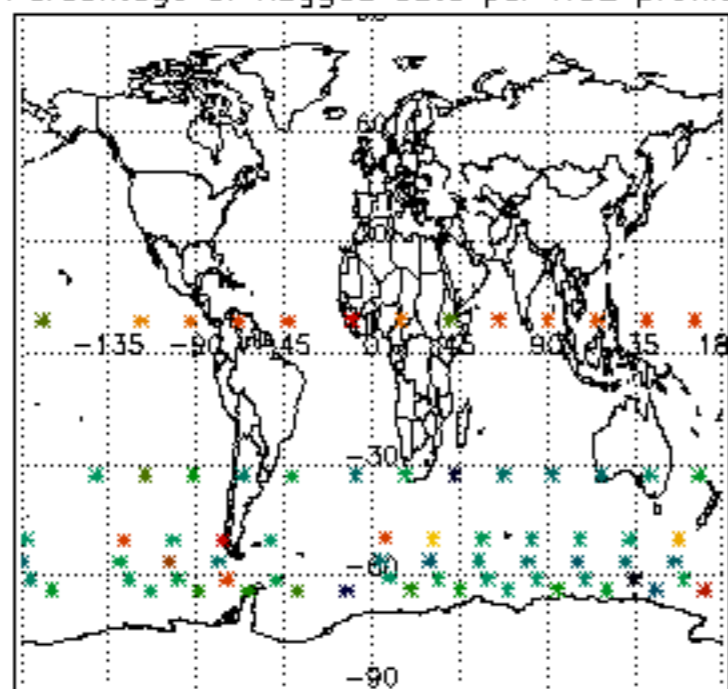
Percentage of flagged data per D3 profile



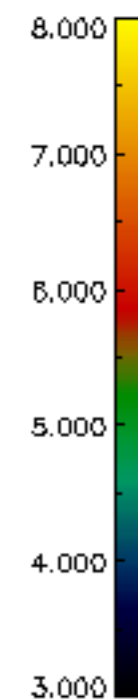
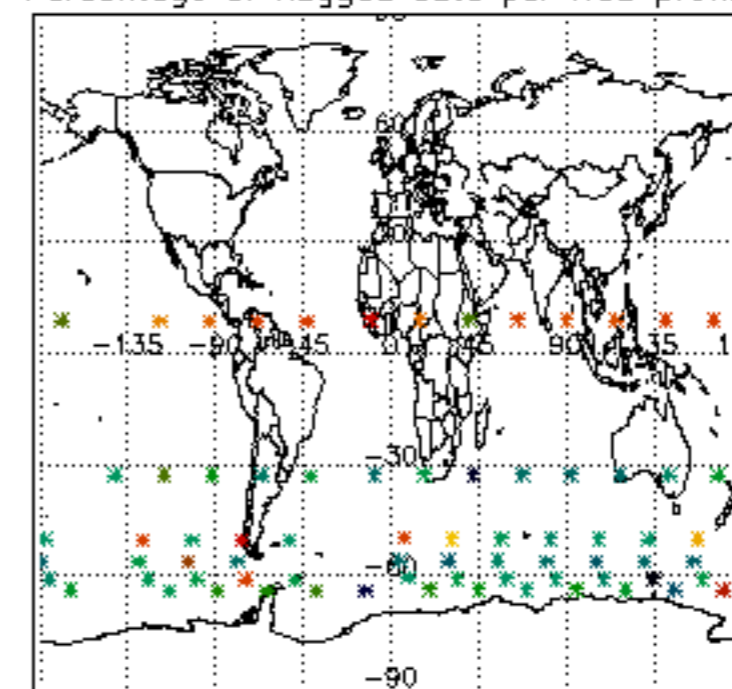
Percentage of flagged data per H2O profile

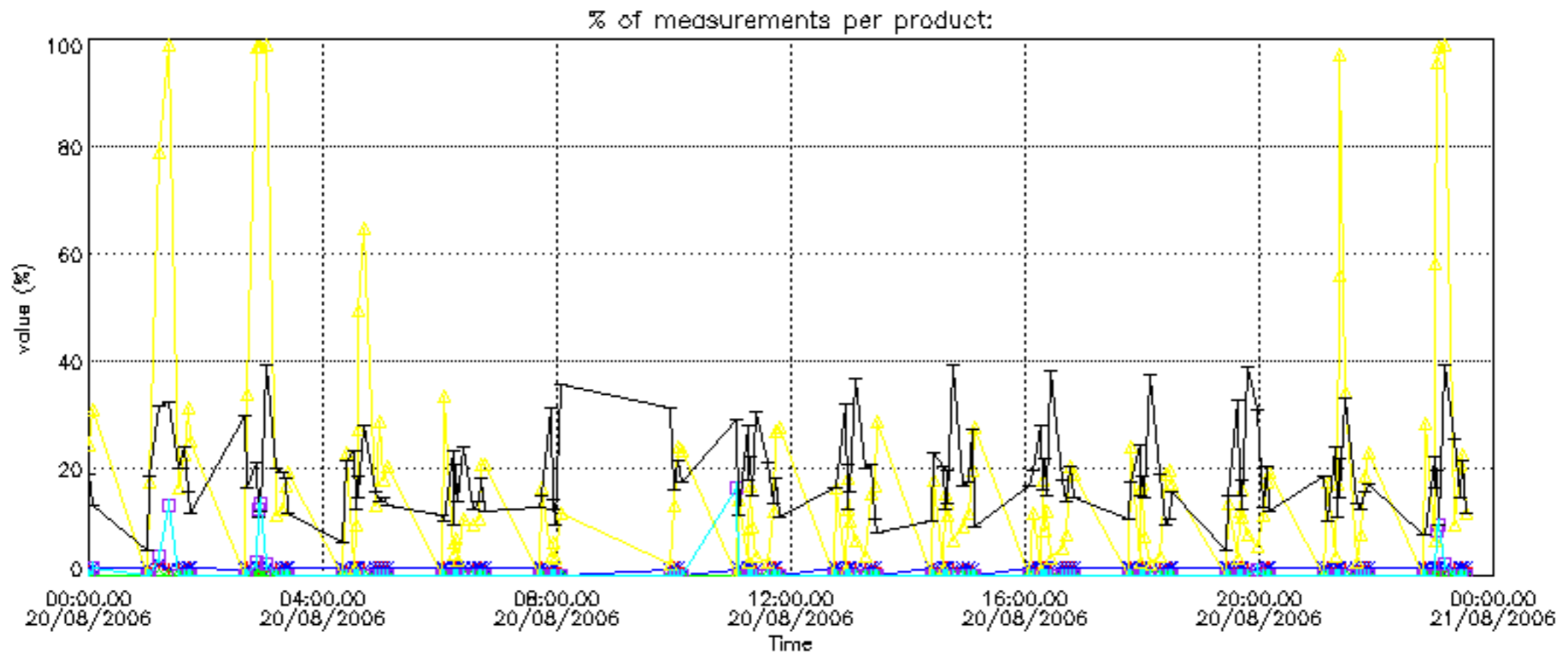


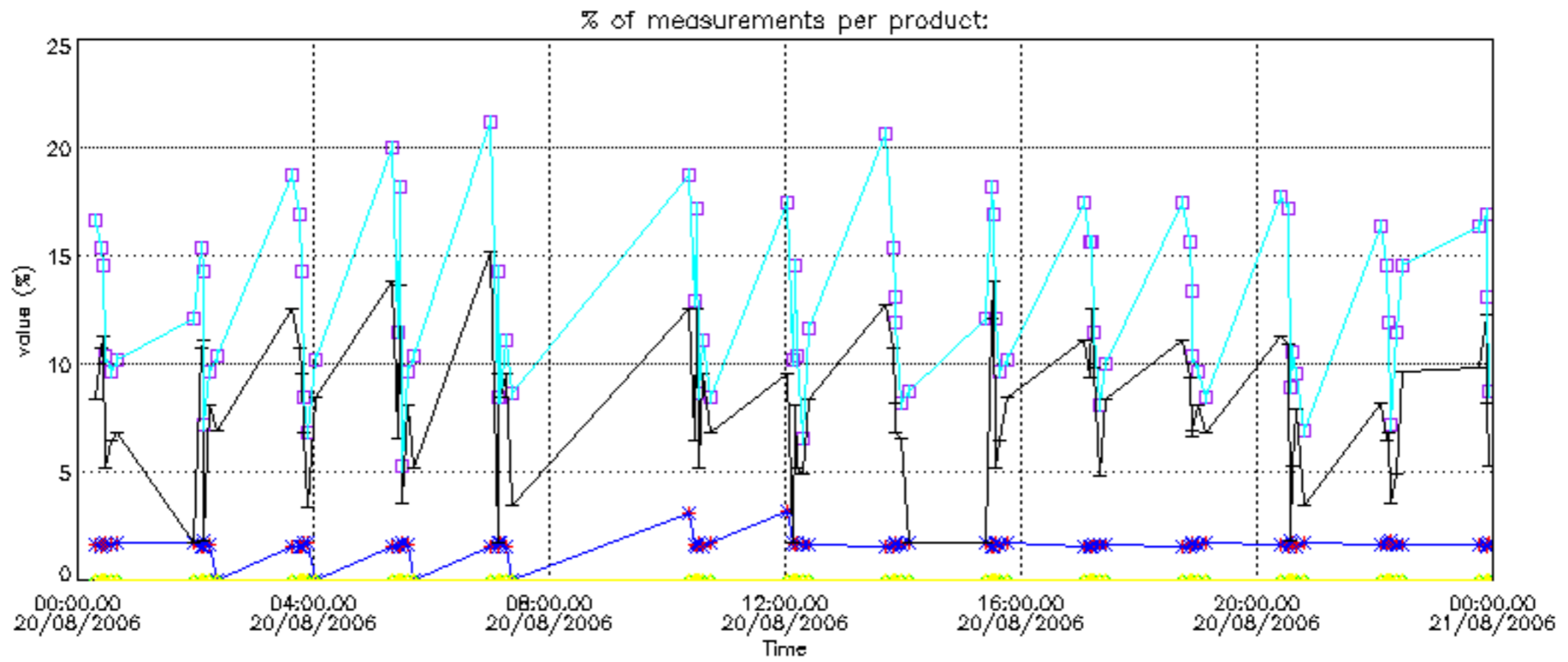
Percentage of flagged data per NO2 profile



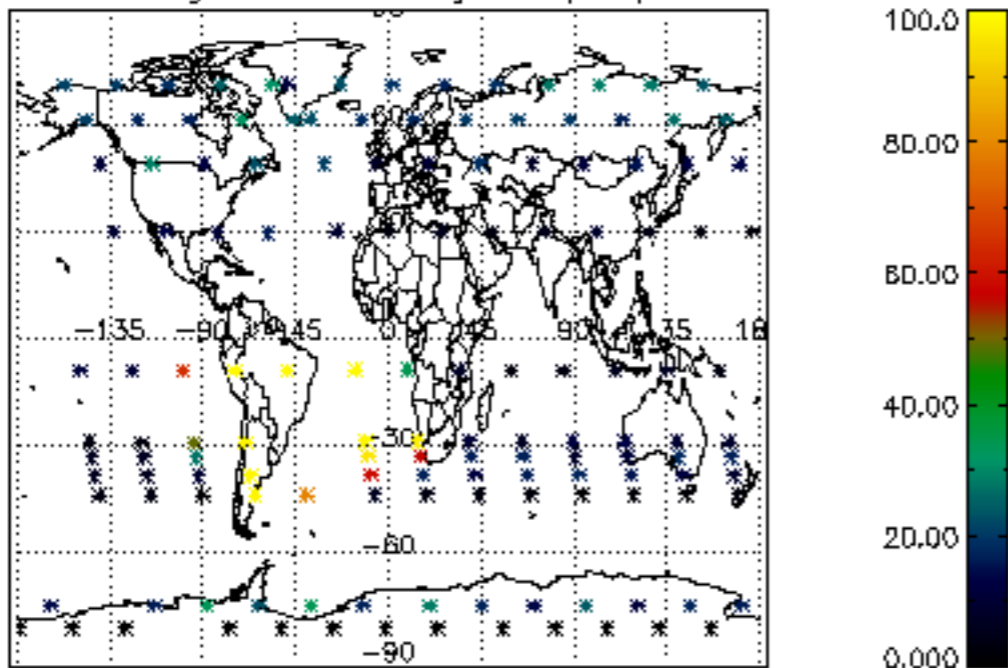
Percentage of flagged data per NO3 profile



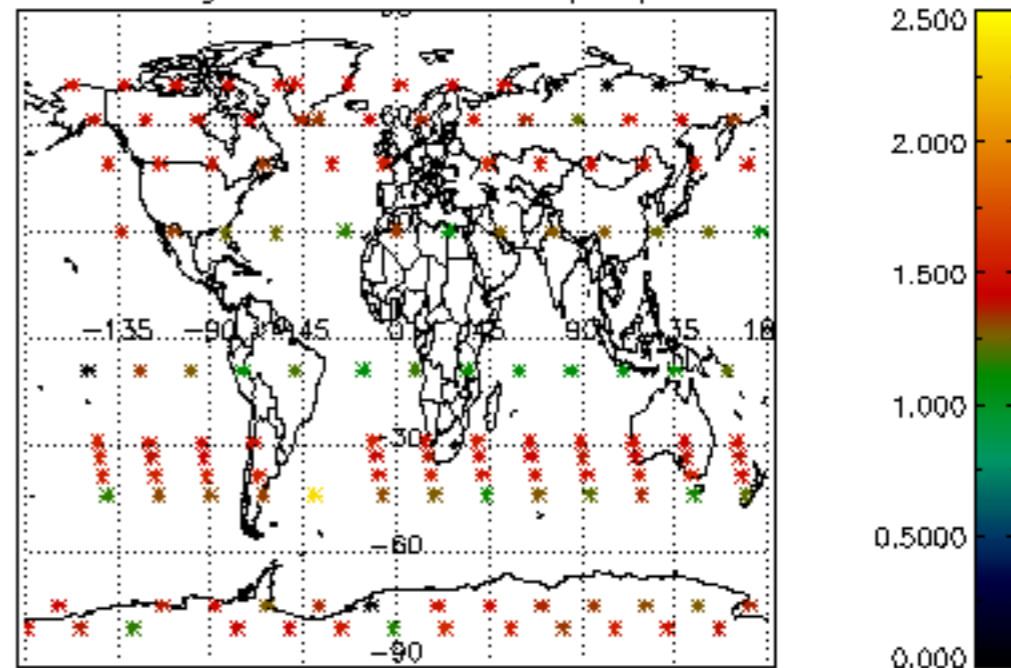




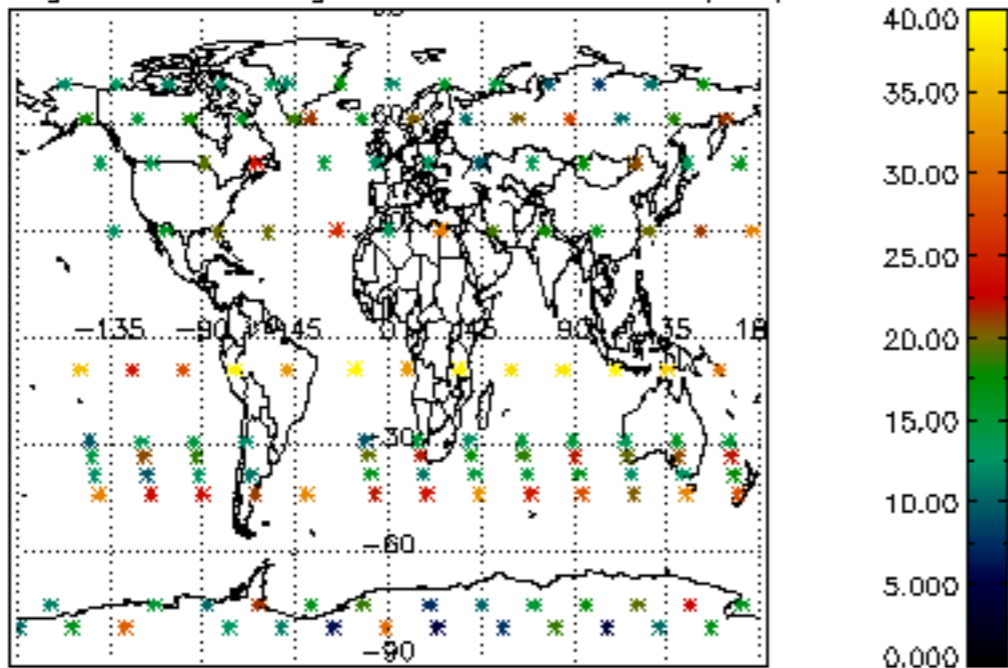
Percentage of cosmic ray hits per profile



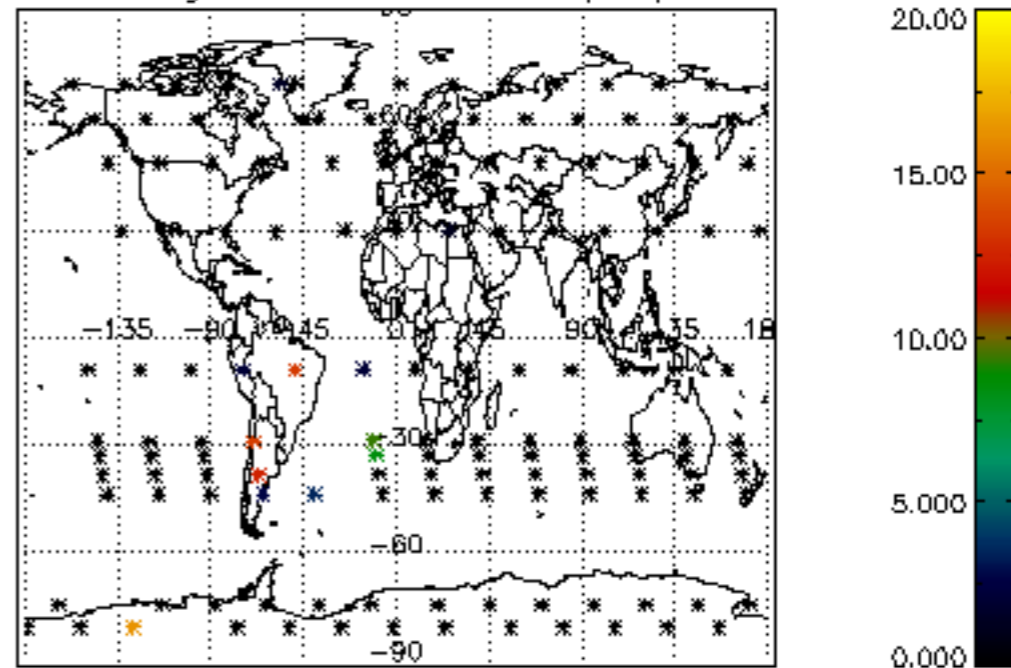
Percentage of datation errors per profile



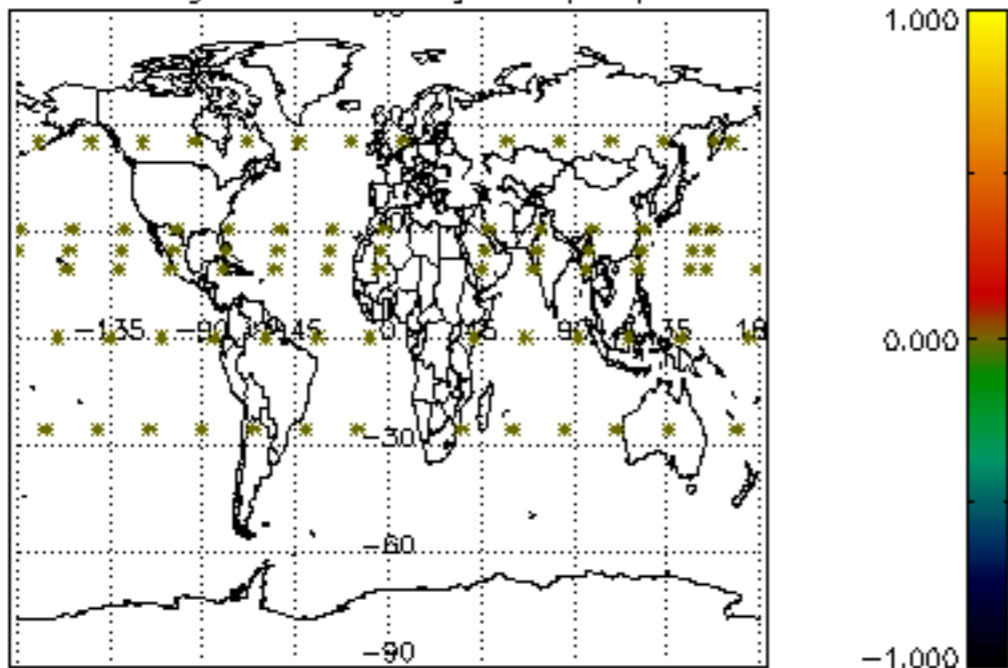
Percentage of star falling outside central band per profile



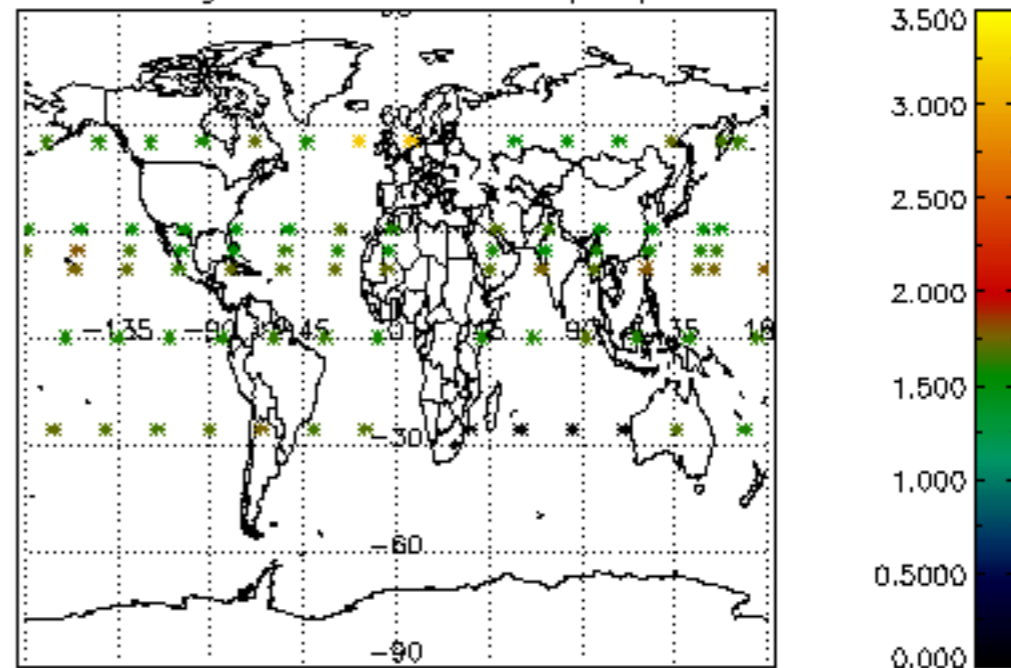
Percentage of saturation errors per profile



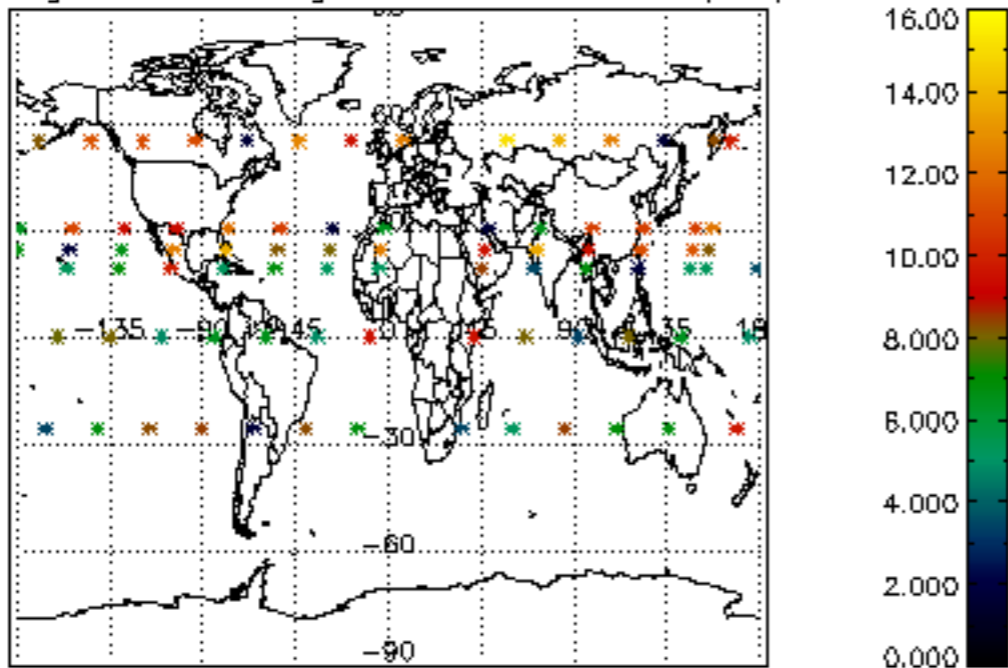
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

