

# 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	29APR2013 09:09:27
Data source version	GOMOS/6.01
Start time of products	31-03-2010 (31MAR2010 00:00:00)
Stop time of products	01-04-2010 (01APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20100331_000006_00000482088_00116_42254_2219.N1	31-MAR-2010 00:00:06	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	42254	No
2	GOM_NL__2PRFIN20100331_000206_00000442088_00116_42254_2220.N1	31-MAR-2010 00:02:06	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	42254	No
3	GOM_NL__2PRFIN20100331_002600_00000562088_00116_42254_2221.N1	31-MAR-2010 00:26:00	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42254	No
4	GOM_NL__2PRFIN20100331_002935_00000532088_00117_42255_2209.N1	31-MAR-2010 00:29:35	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	42255	No
5	GOM_NL__2PRFIN20100331_003347_00000322088_00117_42255_2210.N1	31-MAR-2010 00:33:47	Dark	32.000	25	35Lam Sco	1.6200	28000.	64	42255	No
6	GOM_NL__2PRFIN20100331_003717_00000402088_00117_42255_2211.N1	31-MAR-2010 00:37:17	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42255	No
7	GOM_NL__2PRFIN20100331_003956_00000542088_00117_42255_2212.N1	31-MAR-2010 00:39:56	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	42255	No
8	GOM_NL__2PRFIN20100331_004238_00000452088_00117_42255_2213.N1	31-MAR-2010 00:42:38	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42255	No
9	GOM_NL__2PRFIN20100331_004414_00000502088_00117_42255_2214.N1	31-MAR-2010 00:44:14	Straylight	49.500	81	Eta Cen	2.3560	28000.	99	42255	No
10	GOM_NL__2PRFIN20100331_004700_00000532088_00117_42255_2215.N1	31-MAR-2010 00:47:00	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42255	No
11	GOM_NL__2PRFIN20100331_005306_00000452088_00117_42255_2216.N1	31-MAR-2010 00:53:06	Twilight_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42255	No
12	GOM_NL__2PRFIN20100331_005505_00000462088_00117_42255_2217.N1	31-MAR-2010 00:55:05	Twilight_and_stray	45.500	100	4Gam Crv	2.5800	13100.	91	42255	No
13	GOM_NL__2PRFIN20100331_010014_00000442088_00117_42255_2218.N1	31-MAR-2010 01:00:14	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	42255	No
14	GOM_NL__2PRFIN20100331_010452_00000392088_00117_42255_2219.N1	31-MAR-2010 01:04:52	Bright	39.000	62	94Bet Leo	2.1360	9700.0	78	42255	No
15	GOM_NL__2PRFIN20100331_010627_00000372088_00117_42255_2220.N1	31-MAR-2010 01:06:27	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42255	No
16	GOM_NL__2PRFIN20100331_011317_00000372088_00117_42255_2221.N1	31-MAR-2010 01:13:17	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	42255	No
17	GOM_NL__2PRFIN20100331_011621_00000382088_00117_42255_2222.N1	31-MAR-2010 01:16:21	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42255	No
18	GOM_NL__2PRFIN20100331_011808_00000392088_00117_42255_2223.N1	31-MAR-2010 01:18:08	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	42255	No
19	GOM_NL__2PRFIN20100331_012432_00000382088_00117_42255_2224.N1	31-MAR-2010 01:24:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42255	No
20	GOM_NL__2PRFIN20100331_013352_00000392088_00117_42255_2225.N1	31-MAR-2010 01:33:52	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42255	No
21	GOM_NL__2PRFIN20100331_013851_00000672088_00117_42255_2226.N1	31-MAR-2010 01:38:51	Bright	67.000	144	18Del Cyg	2.8600	11000.	134	42255	No
22	GOM_NL__2PRFIN20100331_014042_00000622088_00117_42255_2227.N1	31-MAR-2010 01:40:42	Bright	62.000	66	37Gam Cyg	2.2080	5900.0	124	42255	No
23	GOM_NL__2PRFIN20100331_014242_00000432088_00117_42255_2228.N1	31-MAR-2010 01:42:42	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	42255	No
24	GOM_NL__2PRFIN20100331_020637_00000552088_00117_42255_2229.N1	31-MAR-2010 02:06:37	Dark	54.500	57	34Sig Sgr	2.0660	26000.	109	42255	No
25	GOM_NL__2PRFIN20100331_021012_00000532088_00118_42256_2217.N1	31-MAR-2010 02:10:12	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	42256	No
26	GOM_NL__2PRFIN20100331_021424_00000302088_00118_42256_2218.N1	31-MAR-2010 02:14:24	Dark	30.000	25	35Lam Sco	1.6200	28000.	60	42256	No
27	GOM_NL__2PRFIN20100331_021753_00000422088_00118_42256_2219.N1	31-MAR-2010 02:17:53	Dark	41.500	134	Bet TrA	2.8100	6600.0	83	42256	No
28	GOM_NL__2PRFIN20100331_022032_00000422088_00118_42256_2220.N1	31-MAR-2010 02:20:32	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	42256	No
29	GOM_NL__2PRFIN20100331_022315_00000442088_00118_42256_2221.N1	31-MAR-2010 02:23:15	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42256	No
30	GOM_NL__2PRFIN20100331_022451_00000482088_00118_42256_2222.N1	31-MAR-2010 02:24:51	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42256	No
31	GOM_NL__2PRFIN20100331_022736_00000522088_00118_42256_2223.N1	31-MAR-2010 02:27:36	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	42256	No
32	GOM_NL__2PRFIN20100331_023342_00000472088_00118_42256_2224.N1	31-MAR-2010 02:33:42	Twilight_and_stray	47.000	106	9Bet Crv	2.6480	5600.0	94	42256	No
33	GOM_NL__2PRFIN20100331_023541_00000432088_00118_42256_2225.N1	31-MAR-2010 02:35:41	Twilight_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42256	No
34	GOM_NL__2PRFIN20100331_024050_00000452088_00118_42256_2226.N1	31-MAR-2010 02:40:50	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42256	No
35	GOM_NL__2PRFIN20100331_024527_00000402088_00118_42256_2227.N1	31-MAR-2010 02:45:27	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42256	No
36	GOM_NL__2PRFIN20100331_024702_00000382088_00118_42256_2228.N1	31-MAR-2010 02:47:02	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	42256	No
37	GOM_NL__2PRFIN20100331_025352_00000392088_00118_42256_2229.N1	31-MAR-2010 02:53:52	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	42256	No
38	GOM_NL__2PRFIN20100331_025657_00000372088_00118_42256_2230.N1	31-MAR-2010 02:56:57	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42256	No
39	GOM_NL__2PRFIN20100331_025844_00000352088_00118_42256_2231.N1	31-MAR-2010 02:58:44	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	42256	No
40	GOM_NL__2PRFIN20100331_030508_00000582088_00118_42256_2232.N1	31-MAR-2010 03:05:08	Bright	57.500	60	7Bet UMi	2.0810	3950.0	115	42256	No
41	GOM_NL__2PRFIN20100331_031428_00000382088_00118_42256_2233.N1	31-MAR-2010 03:14:28	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42256	No
42	GOM_NL__2PRFIN20100331_031927_00000452088_00118_42256_2234.N1	31-MAR-2010 03:19:27	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42256	No

43	GOM_NL__2PRFIN20100331_032118_000000422088_00118_42256_2235.N1	31-MAR-2010 03:21:18	Bright	42.000	66	37Gam Cyg	2.2080	5900.0	84	42256	No
44	GOM_NL__2PRFIN20100331_032318_000000452088_00118_42256_2236.N1	31-MAR-2010 03:23:18	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	42256	No
45	GOM_NL__2PRFIN20100331_034714_000000542088_00118_42256_2237.N1	31-MAR-2010 03:47:14	Dark	54.000	57	34Sig Sgr	2.0660	26000.	108	42256	No
46	GOM_NL__2PRFIN20100331_035050_000000562088_00119_42257_2225.N1	31-MAR-2010 03:50:50	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	42257	No
47	GOM_NL__2PRFIN20100331_035501_000000302088_00119_42257_2226.N1	31-MAR-2010 03:55:01	Dark	30.000	25	35Lam Sco	1.6200	28000.	60	42257	No
48	GOM_NL__2PRFIN20100331_035830_000000412088_00119_42257_2227.N1	31-MAR-2010 03:58:30	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42257	No
49	GOM_NL__2PRFIN20100331_040109_000000462088_00119_42257_2228.N1	31-MAR-2010 04:01:09	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	42257	No
50	GOM_NL__2PRFIN20100331_040351_000000482088_00119_42257_2229.N1	31-MAR-2010 04:03:51	Straylight	48.000	78	Alp Lup	2.3040	28000.	96	42257	No
51	GOM_NL__2PRFIN20100331_040527_000000512088_00119_42257_2230.N1	31-MAR-2010 04:05:27	Straylight	50.500	81	Eta Cen	2.3560	28000.	101	42257	No
52	GOM_NL__2PRFIN20100331_040813_000000532088_00119_42257_2231.N1	31-MAR-2010 04:08:13	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42257	No
53	GOM_NL__2PRFIN20100331_041418_000000452088_00119_42257_2232.N1	31-MAR-2010 04:14:18	Tw_i_and_stray	45.000	106	9Bet Crv	2.6480	5600.0	90	42257	No
54	GOM_NL__2PRFIN20100331_041617_000000442088_00119_42257_2233.N1	31-MAR-2010 04:16:17	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42257	No
55	GOM_NL__2PRFIN20100331_042126_000000462088_00119_42257_2234.N1	31-MAR-2010 04:21:26	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42257	No
56	GOM_NL__2PRFIN20100331_042603_000000412088_00119_42257_2235.N1	31-MAR-2010 04:26:03	Bright	41.000	62	94Bet Leo	2.1360	9700.0	82	42257	No
57	GOM_NL__2PRFIN20100331_042739_000000392088_00119_42257_2236.N1	31-MAR-2010 04:27:39	Bright	38.500	96	68Del Leo	2.5600	9300.0	77	42257	No
58	GOM_NL__2PRFIN20100331_043429_000000382088_00119_42257_2237.N1	31-MAR-2010 04:34:29	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	42257	No
59	GOM_NL__2PRFIN20100331_043733_000000382088_00119_42257_2238.N1	31-MAR-2010 04:37:33	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42257	No
60	GOM_NL__2PRFIN20100331_043920_000000402088_00119_42257_2239.N1	31-MAR-2010 04:39:20	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	42257	No
61	GOM_NL__2PRFIN20100331_044544_000000582088_00119_42257_2240.N1	31-MAR-2010 04:45:44	Bright	57.500	60	7Bet UMi	2.0810	3950.0	115	42257	No
62	GOM_NL__2PRFIN20100331_045504_000000412088_00119_42257_2241.N1	31-MAR-2010 04:55:04	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42257	No
63	GOM_NL__2PRFIN20100331_050003_000000472088_00119_42257_2242.N1	31-MAR-2010 05:00:03	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	42257	No
64	GOM_NL__2PRFIN20100331_050154_000000472088_00119_42257_2243.N1	31-MAR-2010 05:01:54	Bright	47.000	66	37Gam Cyg	2.2080	5900.0	94	42257	No
65	GOM_NL__2PRFIN20100331_050354_000000442088_00119_42257_2244.N1	31-MAR-2010 05:03:54	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42257	No
66	GOM_NL__2PRFIN20100331_052752_000000562088_00119_42257_2245.N1	31-MAR-2010 05:27:52	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42257	No
67	GOM_NL__2PRFIN20100331_053127_000000542088_00120_42258_2233.N1	31-MAR-2010 05:31:27	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	42258	No
68	GOM_NL__2PRFIN20100331_053538_000000282088_00120_42258_2234.N1	31-MAR-2010 05:35:38	Dark	28.000	25	35Lam Sco	1.6200	28000.	56	42258	No
69	GOM_NL__2PRFIN20100331_053906_000000402088_00120_42258_2235.N1	31-MAR-2010 05:39:06	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42258	No
70	GOM_NL__2PRFIN20100331_054145_000000552088_00120_42258_2236.N1	31-MAR-2010 05:41:45	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	42258	No
71	GOM_NL__2PRFIN20100331_054428_000000472088_00120_42258_2237.N1	31-MAR-2010 05:44:28	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42258	No
72	GOM_NL__2PRFIN20100331_054604_000000512088_00120_42258_2238.N1	31-MAR-2010 05:46:04	Straylight	50.500	81	Eta Cen	2.3560	28000.	101	42258	No
73	GOM_NL__2PRFIN20100331_054849_000000542088_00120_42258_2239.N1	31-MAR-2010 05:48:49	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42258	No
74	GOM_NL__2PRFIN20100331_055455_000000442088_00120_42258_2240.N1	31-MAR-2010 05:54:55	Tw_i_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42258	No
75	GOM_NL__2PRFIN20100331_055654_000000442088_00120_42258_2241.N1	31-MAR-2010 05:56:54	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42258	No
76	GOM_NL__2PRFIN20100331_060202_000000472088_00120_42258_2242.N1	31-MAR-2010 06:02:02	Bright	47.000	121	29Gam Vir	2.7400	7200.0	94	42258	No
77	GOM_NL__2PRFIN20100331_060640_000000402088_00120_42258_2243.N1	31-MAR-2010 06:06:40	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42258	No
78	GOM_NL__2PRFIN20100331_060814_000000372088_00120_42258_2244.N1	31-MAR-2010 06:08:14	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42258	No
79	GOM_NL__2PRFIN20100331_061504_000000432088_00120_42258_2245.N1	31-MAR-2010 06:15:04	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	42258	No
80	GOM_NL__2PRFIN20100331_061809_000000562088_00120_42258_2246.N1	31-MAR-2010 06:18:09	Bright	56.000	87	64Gam UMa	2.4330	11000.	112	42258	No
81	GOM_NL__2PRFIN20100331_061956_000000392088_00120_42258_2247.N1	31-MAR-2010 06:19:56	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	42258	No
82	GOM_NL__2PRFIN20100331_062620_000000512088_00120_42258_2248.N1	31-MAR-2010 06:26:20	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	42258	No
83	GOM_NL__2PRFIN20100331_063540_000000372088_00120_42258_2249.N1	31-MAR-2010 06:35:40	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42258	No
84	GOM_NL__2PRFIN20100331_064038_000000462088_00120_42258_2250.N1	31-MAR-2010 06:40:38	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	42258	No
85	GOM_NL__2PRFIN20100331_064230_000000452088_00120_42258_2251.N1	31-MAR-2010 06:42:30	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	42258	No
86	GOM_NL__2PRFIN20100331_064430_000000442088_00120_42258_2252.N1	31-MAR-2010 06:44:30	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	42258	No
87	GOM_NL__2PRFIN20100331_070829_000000542088_00120_42258_2253.N1	31-MAR-2010 07:08:29	Dark	54.000	57	34Sig Sgr	2.0660	26000.	108	42258	No
88	GOM_NL__2PRFIN20100331_071204_000000542088_00121_42259_2241.N1	31-MAR-2010 07:12:04	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	42259	No
89	GOM_NL__2PRFIN20100331_071616_000000282088_00121_42259_2242.N1	31-MAR-2010 07:16:16	Dark	28.000	25	35Lam Sco	1.6200	28000.	56	42259	No
90	GOM_NL__2PRFIN20100331_071943_000000382088_00121_42259_2243.N1	31-MAR-2010 07:19:43	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	42259	No
91	GOM_NL__2PRFIN20100331_072222_000000452088_00121_42259_2244.N1	31-MAR-2010 07:22:22	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	42259	No
92	GOM_NL__2PRFIN20100331_072505_000000452088_00121_42259_2245.N1	31-MAR-2010 07:25:05	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42259	No
93	GOM_NL__2PRFIN20100331_072641_000000492088_00121_42259_2246.N1	31-MAR-2010 07:26:41	Straylight	49.000	81	Eta Cen	2.3560	28000.	98	42259	No
94	GOM_NL__2PRFIN20100331_072926_000000542088_00121_42259_2247.N1	31-MAR-2010 07:29:26	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42259	No
95	GOM_NL__2PRFIN20100331_073531_000000472088_00121_42259_2248.N1	31-MAR-2010 07:35:31	Tw_i_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42259	No
96	GOM_NL__2PRFIN20100331_073729_000000452088_00121_42259_2249.N1	31-MAR-2010 07:37:29	Tw_i_and_stray	45.000	100	4Gam Crv	2.5800	13100.	90	42259	No
97	GOM_NL__2PRFIN20100331_074238_000000452088_00121_42259_2250.N1	31-MAR-2010 07:42:38	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	42259	No
98	GOM_NL__2PRFIN20100331_074715_000000412088_00121_42259_2251.N1	31-MAR-2010 07:47:15	Bright	40.500	62	94Bet Leo	2.1360	9700.0	81	42259	No
99	GOM_NL__2PRFIN20100331_074850_000000372088_00121_42259_2252.N1	31-MAR-2010 07:48:50	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	42259	No
100	GOM_NL__2PRFIN20100331_075540_000000382088_00121_42259_2253.N1	31-MAR-2010 07:55:40	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	42259	No
101	GOM_NL__2PRFIN20100331_075845_000000382088_00121_42259_2254.N1	31-MAR-2010 07:58:45	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42259	No

102	GOM_NL__2PRFIN20100331_080032_000000382088_00121_42259_2255.N1	31-MAR-2010 08:00:32	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	42259	No
103	GOM_NL__2PRFIN20100331_080655_000000412088_00121_42259_2256.N1	31-MAR-2010 08:06:55	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42259	No
104	GOM_NL__2PRFIN20100331_081616_000000392088_00121_42259_2257.N1	31-MAR-2010 08:16:16	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42259	No
105	GOM_NL__2PRFIN20100331_082114_000000672088_00121_42259_2258.N1	31-MAR-2010 08:21:14	Bright	67.000	144	18Del Cyg	2.8600	11000.	134	42259	No
106	GOM_NL__2PRFIN20100331_082306_000000472088_00121_42259_2259.N1	31-MAR-2010 08:23:06	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42259	No
107	GOM_NL__2PRFIN20100331_082506_000000442088_00121_42259_2260.N1	31-MAR-2010 08:25:06	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42259	No
108	GOM_NL__2PRFIN20100331_084906_000000552088_00121_42259_2261.N1	31-MAR-2010 08:49:06	Dark	55.000	57	34Sig Sgr	2.0660	26000.	110	42259	No
109	GOM_NL__2PRFIN20100331_085241_000000542088_00122_42260_2269.N1	31-MAR-2010 08:52:41	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	42260	No
110	GOM_NL__2PRFIN20100331_085653_000000252088_00122_42260_2270.N1	31-MAR-2010 08:56:53	Dark	25.000	25	35Lam Sco	1.6200	28000.	50	42260	No
111	GOM_NL__2PRFIN20100331_090019_000000392088_00122_42260_2271.N1	31-MAR-2010 09:00:19	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42260	No
112	GOM_NL__2PRFIN20100331_090258_000000432088_00122_42260_2272.N1	31-MAR-2010 09:02:58	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	42260	No
113	GOM_NL__2PRFIN20100331_090541_000000442088_00122_42260_2273.N1	31-MAR-2010 09:05:41	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42260	No
114	GOM_NL__2PRFIN20100331_090717_000000462088_00122_42260_2274.N1	31-MAR-2010 09:07:17	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42260	No
115	GOM_NL__2PRFIN20100331_091002_000000532088_00122_42260_2275.N1	31-MAR-2010 09:10:02	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42260	No
116	GOM_NL__2PRFIN20100331_091607_000000472088_00122_42260_2276.N1	31-MAR-2010 09:16:07	Twi_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42260	No
117	GOM_NL__2PRFIN20100331_091806_000000432088_00122_42260_2277.N1	31-MAR-2010 09:18:06	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42260	No
118	GOM_NL__2PRFIN20100331_092313_000000462088_00122_42260_2278.N1	31-MAR-2010 09:23:13	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	42260	No
119	GOM_NL__2PRFIN20100331_092751_000000412088_00122_42260_2279.N1	31-MAR-2010 09:27:51	Bright	41.000	62	94Bet Leo	2.1360	9700.0	82	42260	No
120	GOM_NL__2PRFIN20100331_092926_000000392088_00122_42260_2280.N1	31-MAR-2010 09:29:26	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	42260	No
121	GOM_NL__2PRFIN20100331_093616_000000372088_00122_42260_2281.N1	31-MAR-2010 09:36:16	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	42260	No
122	GOM_NL__2PRFIN20100331_093920_000000382088_00122_42260_2282.N1	31-MAR-2010 09:39:20	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42260	No
123	GOM_NL__2PRFIN20100331_094108_000000372088_00122_42260_2283.N1	31-MAR-2010 09:41:08	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42260	No
124	GOM_NL__2PRFIN20100331_094731_000000402088_00122_42260_2284.N1	31-MAR-2010 09:47:31	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42260	No
125	GOM_NL__2PRFIN20100331_095651_000000382088_00122_42260_2285.N1	31-MAR-2010 09:56:51	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42260	No
126	GOM_NL__2PRFIN20100331_100150_000000462088_00122_42260_2286.N1	31-MAR-2010 10:01:50	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	42260	No
127	GOM_NL__2PRFIN20100331_100342_000000472088_00122_42260_2287.N1	31-MAR-2010 10:03:42	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42260	No
128	GOM_NL__2PRFIN20100331_100542_000000452088_00122_42260_2288.N1	31-MAR-2010 10:05:42	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	42260	No
129	GOM_NL__2PRFIN20100331_102944_000000542088_00122_42260_2289.N1	31-MAR-2010 10:29:44	Dark	53.500	57	34Sig Sgr	2.0660	26000.	107	42260	No
130	GOM_NL__2PRFIN20100331_103319_000000532088_00123_42261_2277.N1	31-MAR-2010 10:33:19	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	42261	No
131	GOM_NL__2PRFIN20100331_103730_000000252088_00123_42261_2278.N1	31-MAR-2010 10:37:30	Dark	25.000	25	35Lam Sco	1.6200	28000.	50	42261	No
132	GOM_NL__2PRFIN20100331_104056_000000402088_00123_42261_2279.N1	31-MAR-2010 10:40:56	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42261	No
133	GOM_NL__2PRFIN20100331_104335_000000522088_00123_42261_2280.N1	31-MAR-2010 10:43:35	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	42261	No
134	GOM_NL__2PRFIN20100331_104618_000000442088_00123_42261_2281.N1	31-MAR-2010 10:46:18	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42261	No
135	GOM_NL__2PRFIN20100331_104754_000000472088_00123_42261_2282.N1	31-MAR-2010 10:47:54	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42261	No
136	GOM_NL__2PRFIN20100331_105039_000000552088_00123_42261_2283.N1	31-MAR-2010 10:50:39	Straylight	54.500	54	5The Cen	2.0550	4500.0	109	42261	No
137	GOM_NL__2PRFIN20100331_105643_000000482088_00123_42261_2284.N1	31-MAR-2010 10:56:43	Twi_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42261	No
138	GOM_NL__2PRFIN20100331_105842_000000442088_00123_42261_2285.N1	31-MAR-2010 10:58:42	Twi_and_stray	44.000	100	4Gam Crv	2.5800	13100.	88	42261	No
139	GOM_NL__2PRFIN20100331_110349_000000472088_00123_42261_2286.N1	31-MAR-2010 11:03:49	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	42261	No
140	GOM_NL__2PRFIN20100331_110827_000000412088_00123_42261_2287.N1	31-MAR-2010 11:08:27	Bright	40.500	62	94Bet Leo	2.1360	9700.0	81	42261	No
141	GOM_NL__2PRFIN20100331_111002_000000472088_00123_42261_2288.N1	31-MAR-2010 11:10:02	Bright	46.500	96	68Del Leo	2.5600	9300.0	93	42261	No
142	GOM_NL__2PRFIN20100331_111652_000000392088_00123_42261_2289.N1	31-MAR-2010 11:16:52	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	42261	No
143	GOM_NL__2PRFIN20100331_111956_000000392088_00123_42261_2290.N1	31-MAR-2010 11:19:56	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42261	No
144	GOM_NL__2PRFIN20100331_112143_000000372088_00123_42261_2291.N1	31-MAR-2010 11:21:43	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42261	No
145	GOM_NL__2PRFIN20100331_112807_000000422088_00123_42261_2292.N1	31-MAR-2010 11:28:07	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42261	No
146	GOM_NL__2PRFIN20100331_113727_000000382088_00123_42261_2293.N1	31-MAR-2010 11:37:27	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42261	No
147	GOM_NL__2PRFIN20100331_114226_000000462088_00123_42261_2294.N1	31-MAR-2010 11:42:26	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	42261	No
148	GOM_NL__2PRFIN20100331_114418_000000452088_00123_42261_2295.N1	31-MAR-2010 11:44:18	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42261	No
149	GOM_NL__2PRFIN20100331_114618_000000442088_00123_42261_2296.N1	31-MAR-2010 11:46:18	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42261	No
150	GOM_NL__2PRFIN20100331_121020_000000552088_00123_42261_2297.N1	31-MAR-2010 12:10:20	Dark	55.000	57	34Sig Sgr	2.0660	26000.	110	42261	No
151	GOM_NL__2PRFIN20100331_121356_000000542088_00124_42262_2285.N1	31-MAR-2010 12:13:56	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	42262	No
152	GOM_NL__2PRFIN20100331_121745_000000512088_00124_42262_2286.N1	31-MAR-2010 12:17:45	Dark	50.500	40	The Sco	1.8590	7100.0	101	42262	No
153	GOM_NL__2PRFIN20100331_122132_000000402088_00124_42262_2287.N1	31-MAR-2010 12:21:32	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42262	No
154	GOM_NL__2PRFIN20100331_122411_000000542088_00124_42262_2288.N1	31-MAR-2010 12:24:11	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	42262	No
155	GOM_NL__2PRFIN20100331_122654_000000492088_00124_42262_2289.N1	31-MAR-2010 12:26:54	Straylight	48.500	78	Alp Lup	2.3040	28000.	97	42262	No
156	GOM_NL__2PRFIN20100331_122830_000000482088_00124_42262_2290.N1	31-MAR-2010 12:28:30	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42262	No
157	GOM_NL__2PRFIN20100331_123115_000000532088_00124_42262_2291.N1	31-MAR-2010 12:31:15	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42262	No
158	GOM_NL__2PRFIN20100331_123719_000000482088_00124_42262_2292.N1	31-MAR-2010 12:37:19	Twi_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42262	No
159	GOM_NL__2PRFIN20100331_123918_000000432088_00124_42262_2293.N1	31-MAR-2010 12:39:18	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42262	No
160	GOM_NL__2PRFIN20100331_124425_000000462088_00124_42262_2294.N1	31-MAR-2010 12:44:25	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42262	No



161	GOM_NL__2PRFIN20100331_124903_000000392088_00124_42262_2295.N1	31-MAR-2010 12:49:03	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	42262	No
162	GOM_NL__2PRFIN20100331_125038_000000362088_00124_42262_2296.N1	31-MAR-2010 12:50:38	Bright	35.500	96	68Del Leo	2.5600	9300.0	71	42262	No
163	GOM_NL__2PRFIN20100331_125728_000000352088_00124_42262_2297.N1	31-MAR-2010 12:57:28	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	42262	No
164	GOM_NL__2PRFIN20100331_130031_000000392088_00124_42262_2298.N1	31-MAR-2010 13:00:31	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42262	No
165	GOM_NL__2PRFIN20100331_130219_000000392088_00124_42262_2299.N1	31-MAR-2010 13:02:19	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	42262	No
166	GOM_NL__2PRFIN20100331_130842_000000382088_00124_42262_2300.N1	31-MAR-2010 13:08:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42262	No
167	GOM_NL__2PRFIN20100331_131803_000000382088_00124_42262_2301.N1	31-MAR-2010 13:18:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42262	No
168	GOM_NL__2PRFIN20100331_132302_000000462088_00124_42262_2302.N1	31-MAR-2010 13:23:02	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	42262	No
169	GOM_NL__2PRFIN20100331_132454_000000552088_00124_42262_2303.N1	31-MAR-2010 13:24:54	Bright	54.500	66	37Gam Cyg	2.2080	5900.0	109	42262	No
170	GOM_NL__2PRFIN20100331_132654_000000552088_00124_42262_2304.N1	31-MAR-2010 13:26:54	Bright	55.000	92	53Eps Cyg	2.5000	4500.0	110	42262	No
171	GOM_NL__2PRFIN20100331_135058_000000542088_00124_42262_2305.N1	31-MAR-2010 13:50:58	Dark	54.000	57	34Sig Sgr	2.0660	26000.	108	42262	No
172	GOM_NL__2PRFIN20100331_135433_000000522088_00125_42263_2293.N1	31-MAR-2010 13:54:33	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	42263	No
173	GOM_NL__2PRFIN20100331_135822_000000562088_00125_42263_2294.N1	31-MAR-2010 13:58:22	Dark	56.000	40	The Sco	1.8590	7100.0	112	42263	No
174	GOM_NL__2PRFIN20100331_140209_000000452088_00125_42263_2295.N1	31-MAR-2010 14:02:09	Dark	45.000	134	Bet TrA	2.8100	6600.0	90	42263	No
175	GOM_NL__2PRFIN20100331_140447_000000432088_00125_42263_2296.N1	31-MAR-2010 14:04:47	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	42263	No
176	GOM_NL__2PRFIN20100331_140731_000000442088_00125_42263_2297.N1	31-MAR-2010 14:07:31	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42263	No
177	GOM_NL__2PRFIN20100331_140906_000000462088_00125_42263_2298.N1	31-MAR-2010 14:09:06	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42263	No
178	GOM_NL__2PRFIN20100331_141152_000000532088_00125_42263_2299.N1	31-MAR-2010 14:11:52	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42263	No
179	GOM_NL__2PRFIN20100331_141755_000000452088_00125_42263_2300.N1	31-MAR-2010 14:17:55	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42263	No
180	GOM_NL__2PRFIN20100331_141954_000000432088_00125_42263_2301.N1	31-MAR-2010 14:19:54	Tw_i_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42263	No
181	GOM_NL__2PRFIN20100331_142501_000000462088_00125_42263_2302.N1	31-MAR-2010 14:25:01	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42263	No
182	GOM_NL__2PRFIN20100331_142938_000000402088_00125_42263_2303.N1	31-MAR-2010 14:29:38	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42263	No
183	GOM_NL__2PRFIN20100331_143114_000000532088_00125_42263_2304.N1	31-MAR-2010 14:31:14	Bright	53.000	96	68Del Leo	2.5600	9300.0	106	42263	No
184	GOM_NL__2PRFIN20100331_143804_000000362088_00125_42263_2305.N1	31-MAR-2010 14:38:04	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	42263	No
185	GOM_NL__2PRFIN20100331_144107_000000392088_00125_42263_2306.N1	31-MAR-2010 14:41:07	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42263	No
186	GOM_NL__2PRFIN20100331_144255_000000372088_00125_42263_2307.N1	31-MAR-2010 14:42:55	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42263	No
187	GOM_NL__2PRFIN20100331_144917_000000412088_00125_42263_2308.N1	31-MAR-2010 14:49:17	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42263	No
188	GOM_NL__2PRFIN20100331_145839_000000392088_00125_42263_2309.N1	31-MAR-2010 14:58:39	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42263	No
189	GOM_NL__2PRFIN20100331_150337_000000472088_00125_42263_2310.N1	31-MAR-2010 15:03:37	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	42263	No
190	GOM_NL__2PRFIN20100331_150529_000000462088_00125_42263_2311.N1	31-MAR-2010 15:05:29	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	42263	No
191	GOM_NL__2PRFIN20100331_150730_000000442088_00125_42263_2312.N1	31-MAR-2010 15:07:30	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	42263	No
192	GOM_NL__2PRFIN20100331_153135_000000542088_00125_42263_2313.N1	31-MAR-2010 15:31:35	Dark	54.000	57	34Sig Sgr	2.0660	26000.	108	42263	No
193	GOM_NL__2PRFIN20100331_153510_000000522088_00126_42264_2301.N1	31-MAR-2010 15:35:10	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	42264	No
194	GOM_NL__2PRFIN20100331_153859_000000542088_00126_42264_2302.N1	31-MAR-2010 15:38:59	Dark	54.000	40	The Sco	1.8590	7100.0	108	42264	No
195	GOM_NL__2PRFIN20100331_154245_000000412088_00126_42264_2303.N1	31-MAR-2010 15:42:45	Dark	41.000	134	Bet TrA	2.8100	6600.0	82	42264	No
196	GOM_NL__2PRFIN20100331_154524_000000522088_00126_42264_2304.N1	31-MAR-2010 15:45:24	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	42264	No
197	GOM_NL__2PRFIN20100331_154807_000000432088_00126_42264_2305.N1	31-MAR-2010 15:48:07	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42264	No
198	GOM_NL__2PRFIN20100331_154943_000000452088_00126_42264_2306.N1	31-MAR-2010 15:49:43	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42264	No
199	GOM_NL__2PRFIN20100331_155229_000000532088_00126_42264_2307.N1	31-MAR-2010 15:52:29	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42264	No
200	GOM_NL__2PRFIN20100331_155831_000000462088_00126_42264_2308.N1	31-MAR-2010 15:58:31	Tw_i_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42264	No
201	GOM_NL__2PRFIN20100331_160030_000000422088_00126_42264_2309.N1	31-MAR-2010 16:00:30	Tw_i_and_stray	42.000	100	4Gam Crv	2.5800	13100.	84	42264	No
202	GOM_NL__2PRFIN20100331_160537_000000452088_00126_42264_2310.N1	31-MAR-2010 16:05:37	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42264	No
203	GOM_NL__2PRFIN20100331_161014_000000412088_00126_42264_2311.N1	31-MAR-2010 16:10:14	Bright	40.500	62	94Bet Leo	2.1360	9700.0	81	42264	No
204	GOM_NL__2PRFIN20100331_161150_000000372088_00126_42264_2312.N1	31-MAR-2010 16:11:50	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42264	No
205	GOM_NL__2PRFIN20100331_161839_000000382088_00126_42264_2313.N1	31-MAR-2010 16:18:39	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	42264	No
206	GOM_NL__2PRFIN20100331_162143_000000382088_00126_42264_2314.N1	31-MAR-2010 16:21:43	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42264	No
207	GOM_NL__2PRFIN20100331_162331_000000372088_00126_42264_2315.N1	31-MAR-2010 16:23:31	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42264	No
208	GOM_NL__2PRFIN20100331_162953_000000582088_00126_42264_2316.N1	31-MAR-2010 16:29:53	Bright	58.000	60	7Bet UMi	2.0810	3950.0	116	42264	No
209	GOM_NL__2PRFIN20100331_163915_000000352088_00126_42264_2317.N1	31-MAR-2010 16:39:15	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	42264	No
210	GOM_NL__2PRFIN20100331_164413_000000442088_00126_42264_2318.N1	31-MAR-2010 16:44:13	Bright	44.000	144	18Del Cyg	2.8600	11000.	88	42264	No
211	GOM_NL__2PRFIN20100331_164605_000000462088_00126_42264_2319.N1	31-MAR-2010 16:46:05	Bright	45.500	66	37Gam Cyg	2.2080	5900.0	91	42264	No
212	GOM_NL__2PRFIN20100331_164806_000000442088_00126_42264_2320.N1	31-MAR-2010 16:48:06	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	42264	No
213	GOM_NL__2PRFIN20100331_171213_000000552088_00126_42264_2321.N1	31-MAR-2010 17:12:13	Dark	54.500	57	34Sig Sgr	2.0660	26000.	109	42264	No
214	GOM_NL__2PRFIN20100331_171547_000000582088_00127_42265_2309.N1	31-MAR-2010 17:15:47	Dark	57.500	38	20Eps Sgr	1.8360	11000.	115	42265	No
215	GOM_NL__2PRFIN20100331_171936_000000522088_00127_42265_2310.N1	31-MAR-2010 17:19:36	Dark	51.500	40	The Sco	1.8590	7100.0	103	42265	No
216	GOM_NL__2PRFIN20100331_172321_000000402088_00127_42265_2311.N1	31-MAR-2010 17:23:21	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42265	No
217	GOM_NL__2PRFIN20100331_172600_000000552088_00127_42265_2312.N1	31-MAR-2010 17:26:00	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	42265	No
218	GOM_NL__2PRFIN20100331_172844_000000482088_00127_42265_2313.N1	31-MAR-2010 17:28:44	Straylight	47.500	78	Alp Lup	2.3040	28000.	95	42265	No
219	GOM_NL__2PRFIN20100331_173020_000000492088_00127_42265_2314.N1	31-MAR-2010 17:30:20	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	42265	No

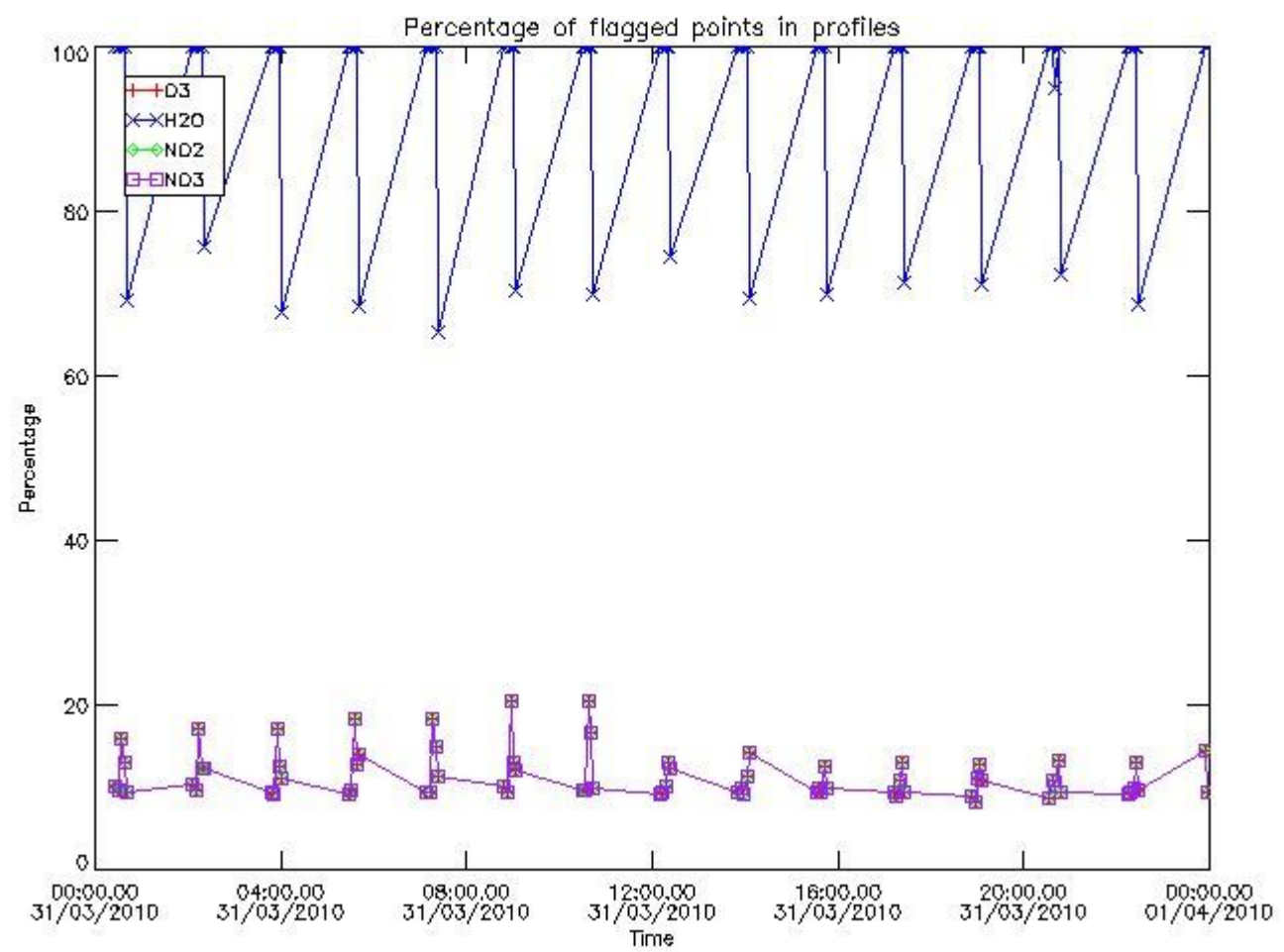
220	GOM_NL__2PRFIN20100331_173305_000000542088_00127_42265_2315.N1	31-MAR-2010 17:33:05	Straylight	54.000	54	5The Cen	2.0550	4500.0	108	42265	No
221	GOM_NL__2PRFIN20100331_173907_000000492088_00127_42265_2316.N1	31-MAR-2010 17:39:07	Tw_i_and_stray	48.500	106	9Bet Crv	2.6480	5600.0	97	42265	No
222	GOM_NL__2PRFIN20100331_174106_000000432088_00127_42265_2317.N1	31-MAR-2010 17:41:06	Tw_i_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	42265	No
223	GOM_NL__2PRFIN20100331_174612_000000442088_00127_42265_2318.N1	31-MAR-2010 17:46:12	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	42265	No
224	GOM_NL__2PRFIN20100331_175050_000000402088_00127_42265_2319.N1	31-MAR-2010 17:50:50	Bright	39.500	62	94Bet Leo	2.1360	9700.0	79	42265	No
225	GOM_NL__2PRFIN20100331_175226_000000372088_00127_42265_2320.N1	31-MAR-2010 17:52:26	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42265	No
226	GOM_NL__2PRFIN20100331_175915_000000382088_00127_42265_2321.N1	31-MAR-2010 17:59:15	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	42265	No
227	GOM_NL__2PRFIN20100331_180218_000000562088_00127_42265_2322.N1	31-MAR-2010 18:02:18	Bright	56.000	87	64Gam UMa	2.4330	11000.	112	42265	No
228	GOM_NL__2PRFIN20100331_180407_000000392088_00127_42265_2323.N1	31-MAR-2010 18:04:07	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	42265	No
229	GOM_NL__2PRFIN20100331_181028_000000372088_00127_42265_2324.N1	31-MAR-2010 18:10:28	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42265	No
230	GOM_NL__2PRFIN20100331_181951_000000372088_00127_42265_2325.N1	31-MAR-2010 18:19:51	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42265	No
231	GOM_NL__2PRFIN20100331_182449_000000452088_00127_42265_2326.N1	31-MAR-2010 18:24:49	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42265	No
232	GOM_NL__2PRFIN20100331_182641_000000442088_00127_42265_2327.N1	31-MAR-2010 18:26:41	Bright	43.500	66	37Gam Cyg	2.2080	5900.0	87	42265	No
233	GOM_NL__2PRFIN20100331_182842_000000602088_00127_42265_2328.N1	31-MAR-2010 18:28:42	Bright	60.000	92	53Eps Cyg	2.5000	4500.0	120	42265	No
234	GOM_NL__2PRFIN20100331_185250_000000572088_00127_42265_2329.N1	31-MAR-2010 18:52:50	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	42265	No
235	GOM_NL__2PRFIN20100331_185625_000000622088_00128_42266_2317.N1	31-MAR-2010 18:56:25	Dark	62.000	38	20Eps Sgr	1.8360	11000.	124	42266	No
236	GOM_NL__2PRFIN20100331_190013_000000512088_00128_42266_2318.N1	31-MAR-2010 19:00:13	Dark	50.500	40	The Sco	1.8590	7100.0	101	42266	No
237	GOM_NL__2PRFIN20100331_190358_000000402088_00128_42266_2319.N1	31-MAR-2010 19:03:58	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42266	No
238	GOM_NL__2PRFIN20100331_190637_000000472088_00128_42266_2320.N1	31-MAR-2010 19:06:37	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	42266	No
239	GOM_NL__2PRFIN20100331_190920_000000462088_00128_42266_2321.N1	31-MAR-2010 19:09:20	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42266	No
240	GOM_NL__2PRFIN20100331_191056_000000492088_00128_42266_2322.N1	31-MAR-2010 19:10:56	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	42266	No
241	GOM_NL__2PRFIN20100331_191341_000000532088_00128_42266_2323.N1	31-MAR-2010 19:13:41	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42266	No
242	GOM_NL__2PRFIN20100331_191944_000000482088_00128_42266_2324.N1	31-MAR-2010 19:19:44	Tw_i_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42266	No
243	GOM_NL__2PRFIN20100331_192142_000000452088_00128_42266_2325.N1	31-MAR-2010 19:21:42	Tw_i_and_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42266	No
244	GOM_NL__2PRFIN20100331_192648_000000452088_00128_42266_2326.N1	31-MAR-2010 19:26:48	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	42266	No
245	GOM_NL__2PRFIN20100331_193126_000000402088_00128_42266_2327.N1	31-MAR-2010 19:31:26	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42266	No
246	GOM_NL__2PRFIN20100331_193302_000000372088_00128_42266_2328.N1	31-MAR-2010 19:33:02	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	42266	No
247	GOM_NL__2PRFIN20100331_193951_000000352088_00128_42266_2329.N1	31-MAR-2010 19:39:51	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	42266	No
248	GOM_NL__2PRFIN20100331_194254_000000392088_00128_42266_2330.N1	31-MAR-2010 19:42:54	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42266	No
249	GOM_NL__2PRFIN20100331_194443_000000382088_00128_42266_2331.N1	31-MAR-2010 19:44:43	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	42266	No
250	GOM_NL__2PRFIN20100331_195104_000000392088_00128_42266_2332.N1	31-MAR-2010 19:51:04	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42266	No
251	GOM_NL__2PRFIN20100331_200027_000000402088_00128_42266_2333.N1	31-MAR-2010 20:00:27	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42266	No
252	GOM_NL__2PRFIN20100331_200525_000000492088_00128_42266_2334.N1	31-MAR-2010 20:05:25	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	42266	No
253	GOM_NL__2PRFIN20100331_200717_000000422088_00128_42266_2335.N1	31-MAR-2010 20:07:17	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	42266	No
254	GOM_NL__2PRFIN20100331_200918_000000552088_00128_42266_2336.N1	31-MAR-2010 20:09:18	Bright	55.000	92	53Eps Cyg	2.5000	4500.0	110	42266	No
255	GOM_NL__2PRFIN20100331_203327_000000582088_00128_42266_2337.N1	31-MAR-2010 20:33:27	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	42266	No
256	GOM_NL__2PRFIN20100331_203702_000000522088_00129_42267_2325.N1	31-MAR-2010 20:37:02	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	42267	No
257	GOM_NL__2PRFIN20100331_204050_000000512088_00129_42267_2326.N1	31-MAR-2010 20:40:50	Dark	50.500	40	The Sco	1.8590	7100.0	101	42267	No
258	GOM_NL__2PRFIN20100331_204434_000000392088_00129_42267_2327.N1	31-MAR-2010 20:44:34	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	42267	No
259	GOM_NL__2PRFIN20100331_204713_000000552088_00129_42267_2328.N1	31-MAR-2010 20:47:13	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	42267	No
260	GOM_NL__2PRFIN20100331_204957_000000462088_00129_42267_2329.N1	31-MAR-2010 20:49:57	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42267	No
261	GOM_NL__2PRFIN20100331_205133_000000472088_00129_42267_2330.N1	31-MAR-2010 20:51:33	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42267	No
262	GOM_NL__2PRFIN20100331_205418_000000522088_00129_42267_2331.N1	31-MAR-2010 20:54:18	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	42267	No
263	GOM_NL__2PRFIN20100331_210020_000000472088_00129_42267_2332.N1	31-MAR-2010 21:00:20	Tw_i_and_stray	47.000	106	9Bet Crv	2.6480	5600.0	94	42267	No
264	GOM_NL__2PRFIN20100331_210218_000000452088_00129_42267_2333.N1	31-MAR-2010 21:02:18	Tw_i_and_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42267	No
265	GOM_NL__2PRFIN20100331_210724_000000452088_00129_42267_2334.N1	31-MAR-2010 21:07:24	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42267	No
266	GOM_NL__2PRFIN20100331_211202_000000402088_00129_42267_2335.N1	31-MAR-2010 21:12:02	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42267	No
267	GOM_NL__2PRFIN20100331_211337_000000372088_00129_42267_2336.N1	31-MAR-2010 21:13:37	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42267	No
268	GOM_NL__2PRFIN20100331_212027_000000372088_00129_42267_2337.N1	31-MAR-2010 21:20:27	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	42267	No
269	GOM_NL__2PRFIN20100331_212330_000000392088_00129_42267_2338.N1	31-MAR-2010 21:23:30	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42267	No
270	GOM_NL__2PRFIN20100331_212519_000000392088_00129_42267_2339.N1	31-MAR-2010 21:25:19	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	42267	No
271	GOM_NL__2PRFIN20100331_213140_000000362088_00129_42267_2340.N1	31-MAR-2010 21:31:40	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42267	No
272	GOM_NL__2PRFIN20100331_214103_000000372088_00129_42267_2341.N1	31-MAR-2010 21:41:03	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42267	No
273	GOM_NL__2PRFIN20100331_214601_000000462088_00129_42267_2342.N1	31-MAR-2010 21:46:01	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	42267	No
274	GOM_NL__2PRFIN20100331_214753_000000452088_00129_42267_2343.N1	31-MAR-2010 21:47:53	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	42267	No
275	GOM_NL__2PRFIN20100331_214954_000000432088_00129_42267_2344.N1	31-MAR-2010 21:49:54	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	42267	No
276	GOM_NL__2PRFIN20100331_221404_000000562088_00129_42267_2345.N1	31-MAR-2010 22:14:04	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42267	No
277	GOM_NL__2PRFIN20100331_221739_000000552088_00130_42268_2333.N1	31-MAR-2010 22:17:39	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	42268	No
278	GOM_NL__2PRFIN20100331_222128_000000522088_00130_42268_2334.N1	31-MAR-2010 22:21:28	Dark	52.000	40	The Sco	1.8590	7100.0	104	42268	No

279	GOM_NL__2PRFIN20100331_222511_000000402088_00130_42268_2335.N1	31-MAR-2010 22:25:11	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42268	No
280	GOM_NL__2PRFIN20100331_222749_000000532088_00130_42268_2336.N1	31-MAR-2010 22:27:49	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	42268	No
281	GOM_NL__2PRFIN20100331_223033_000000452088_00130_42268_2337.N1	31-MAR-2010 22:30:33	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42268	No
282	GOM_NL__2PRFIN20100331_223210_000000512088_00130_42268_2338.N1	31-MAR-2010 22:32:10	Straylight	50.500	81	Eta Cen	2.3560	28000.	101	42268	No
283	GOM_NL__2PRFIN20100331_223454_000000552088_00130_42268_2339.N1	31-MAR-2010 22:34:54	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	42268	No
284	GOM_NL__2PRFIN20100331_224056_000000462088_00130_42268_2340.N1	31-MAR-2010 22:40:56	Twilight_stray	45.500	106	9Bet Crv	2.6480	5600.0	91	42268	No
285	GOM_NL__2PRFIN20100331_224254_000000452088_00130_42268_2341.N1	31-MAR-2010 22:42:54	Twilight_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42268	No
286	GOM_NL__2PRFIN20100331_224800_000000442088_00130_42268_2342.N1	31-MAR-2010 22:48:00	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	42268	No
287	GOM_NL__2PRFIN20100331_225237_000000402088_00130_42268_2343.N1	31-MAR-2010 22:52:37	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42268	No
288	GOM_NL__2PRFIN20100331_225413_000000372088_00130_42268_2344.N1	31-MAR-2010 22:54:13	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42268	No
289	GOM_NL__2PRFIN20100331_230103_000000372088_00130_42268_2345.N1	31-MAR-2010 23:01:03	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	42268	No
290	GOM_NL__2PRFIN20100331_230405_000000392088_00130_42268_2346.N1	31-MAR-2010 23:04:05	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42268	No
291	GOM_NL__2PRFIN20100331_230554_000000362088_00130_42268_2347.N1	31-MAR-2010 23:05:54	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	42268	No
292	GOM_NL__2PRFIN20100331_231215_000000392088_00130_42268_2348.N1	31-MAR-2010 23:12:15	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42268	No
293	GOM_NL__2PRFIN20100331_232139_000000382088_00130_42268_2349.N1	31-MAR-2010 23:21:39	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42268	No
294	GOM_NL__2PRFIN20100331_232636_000000452088_00130_42268_2350.N1	31-MAR-2010 23:26:36	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42268	No
295	GOM_NL__2PRFIN20100331_232829_000000472088_00130_42268_2351.N1	31-MAR-2010 23:28:29	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42268	No
296	GOM_NL__2PRFIN20100331_233030_000000442088_00130_42268_2352.N1	31-MAR-2010 23:30:30	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42268	No
297	GOM_NL__2PRFIN20100331_235441_000000532088_00130_42268_2353.N1	31-MAR-2010 23:54:41	Dark	53.000	57	34Sig Sgr	2.0660	26000.	106	42268	No
298	GOM_NL__2PRFIN20100331_235816_000000552088_00131_42269_2341.N1	31-MAR-2010 23:58:16	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	42269	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.

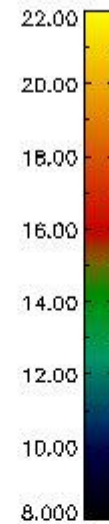
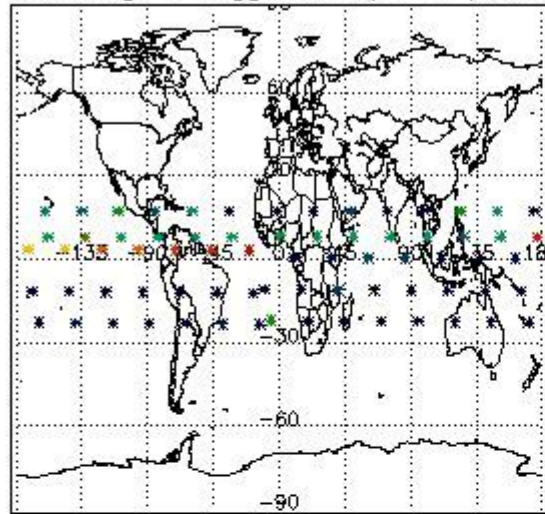
#### 3.1 Plot quality information per product (time dependant)



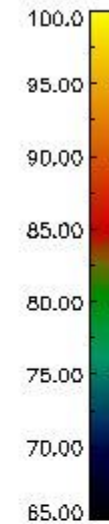
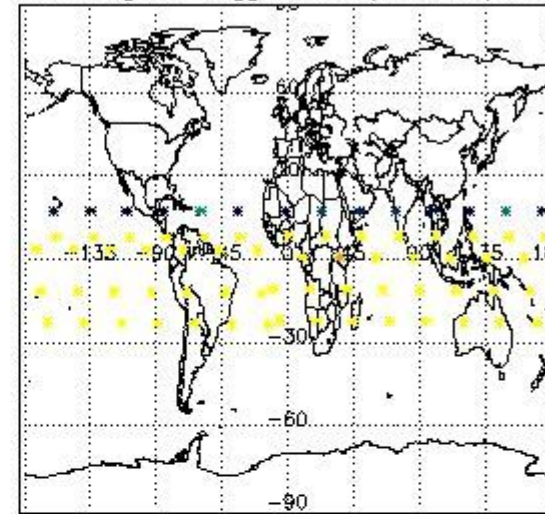
*3.2 Plot quality information per product (world map)*



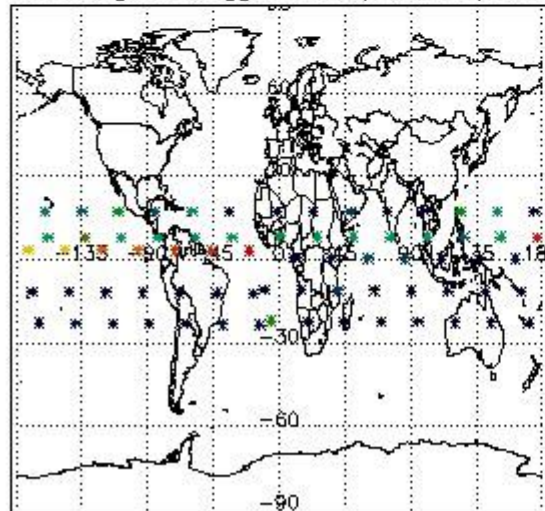
Percentage of flagged data per O3 profile



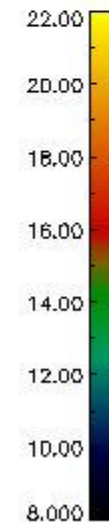
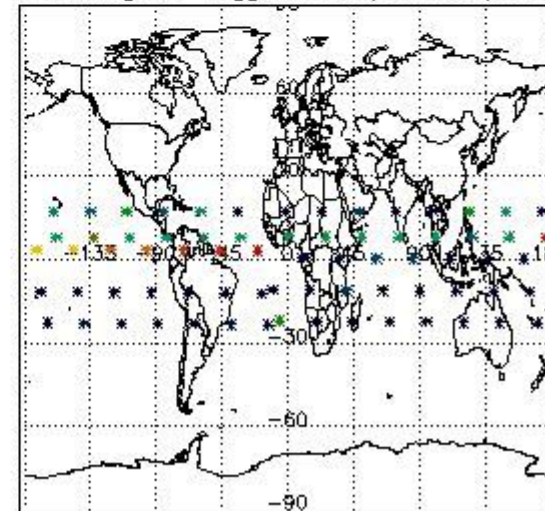
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

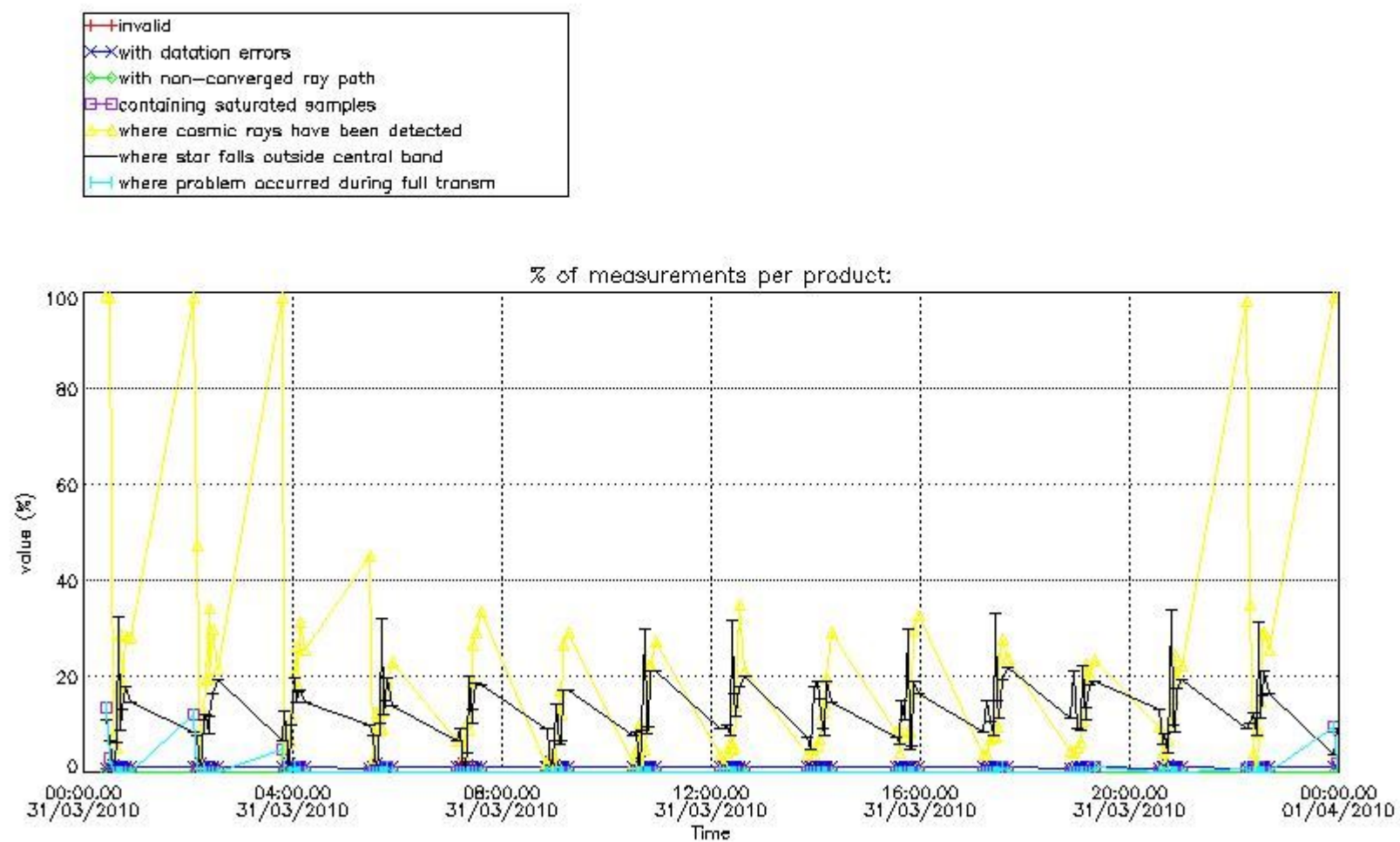


#### 4. Level 1 quality information per product

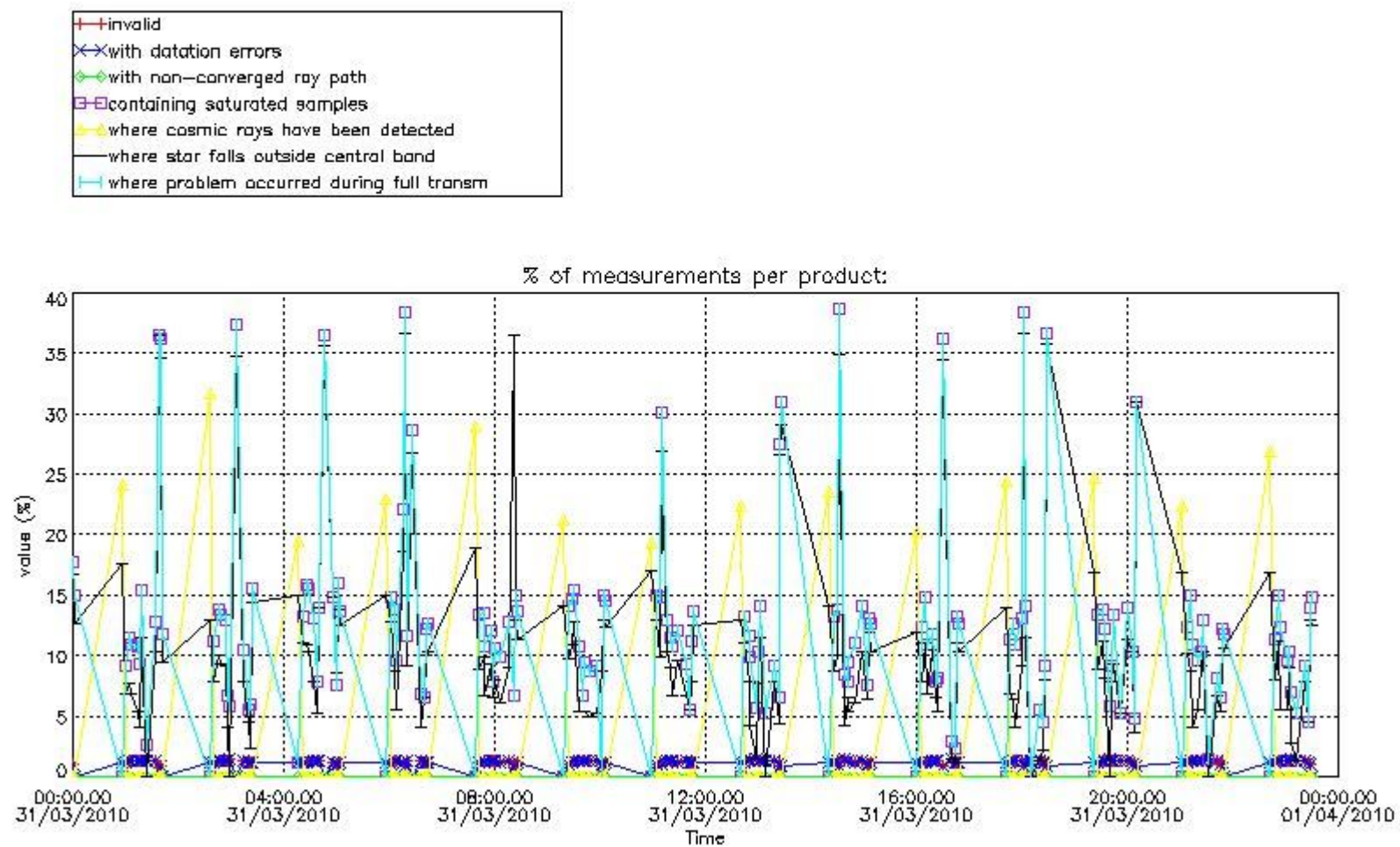
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



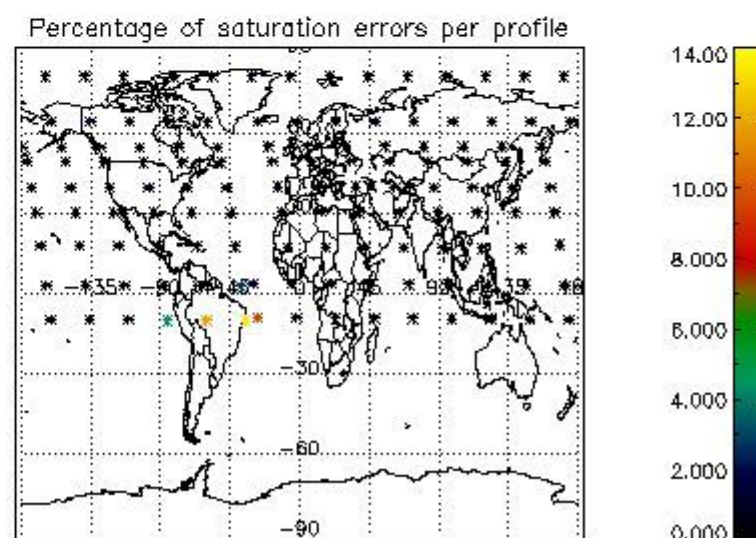
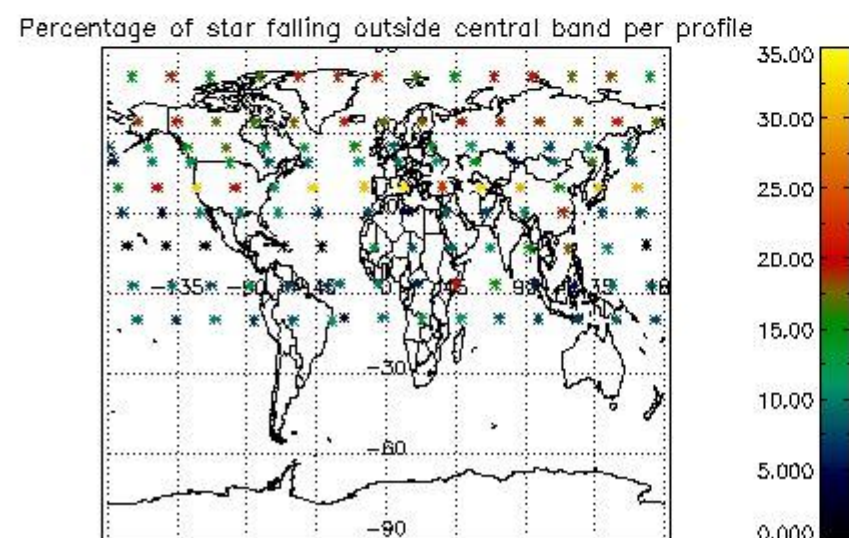
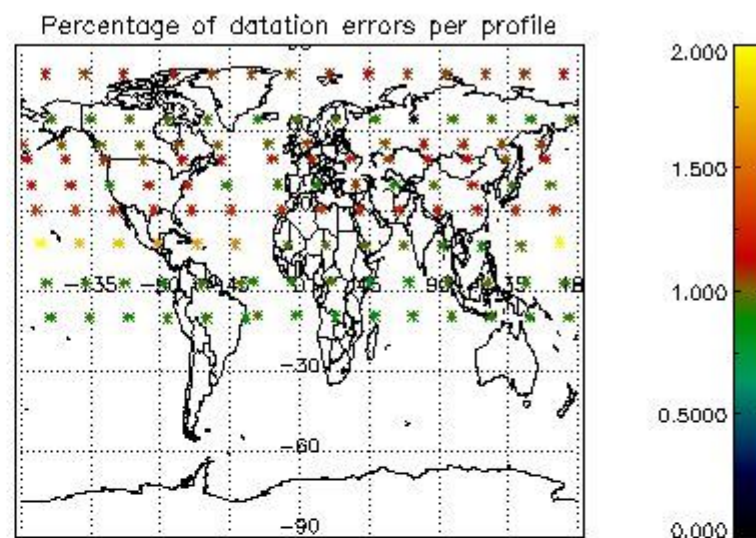
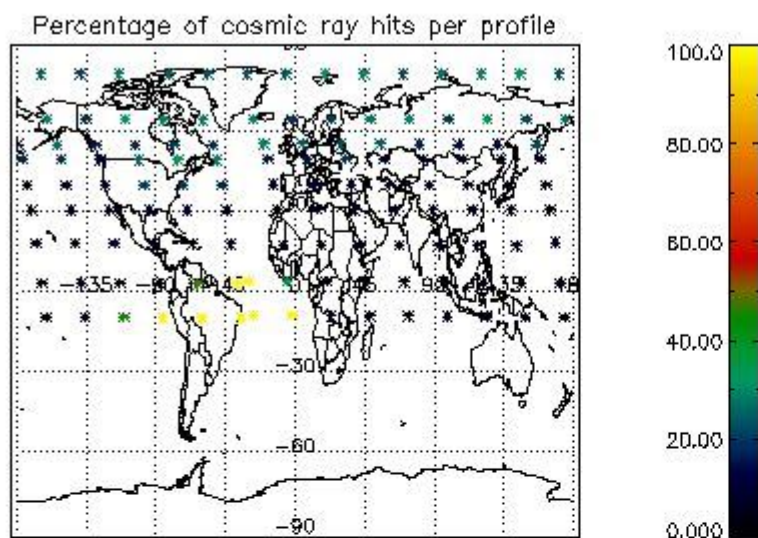
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

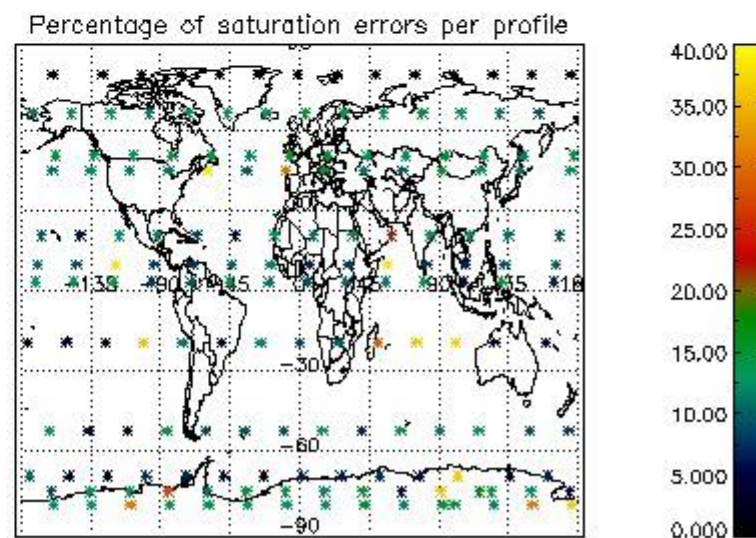
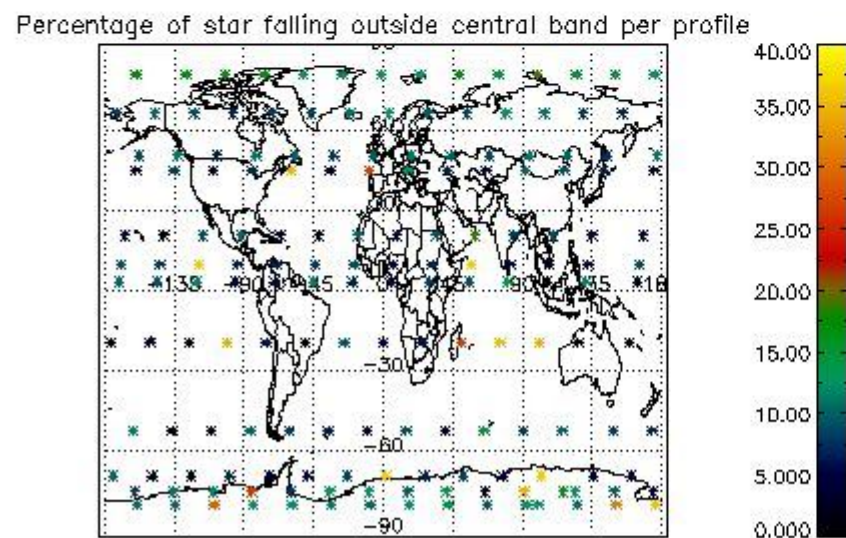
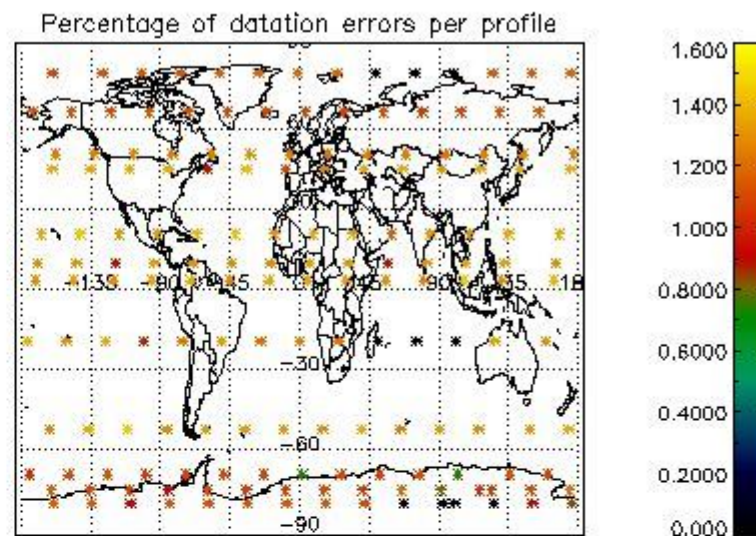
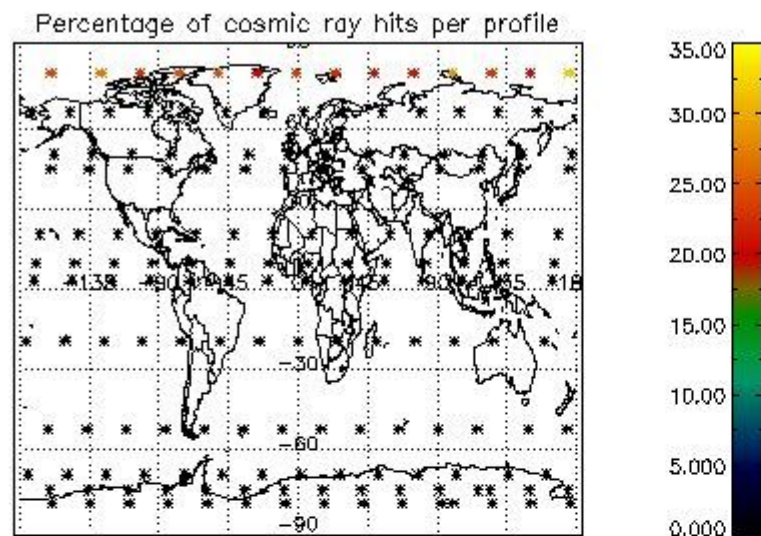
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

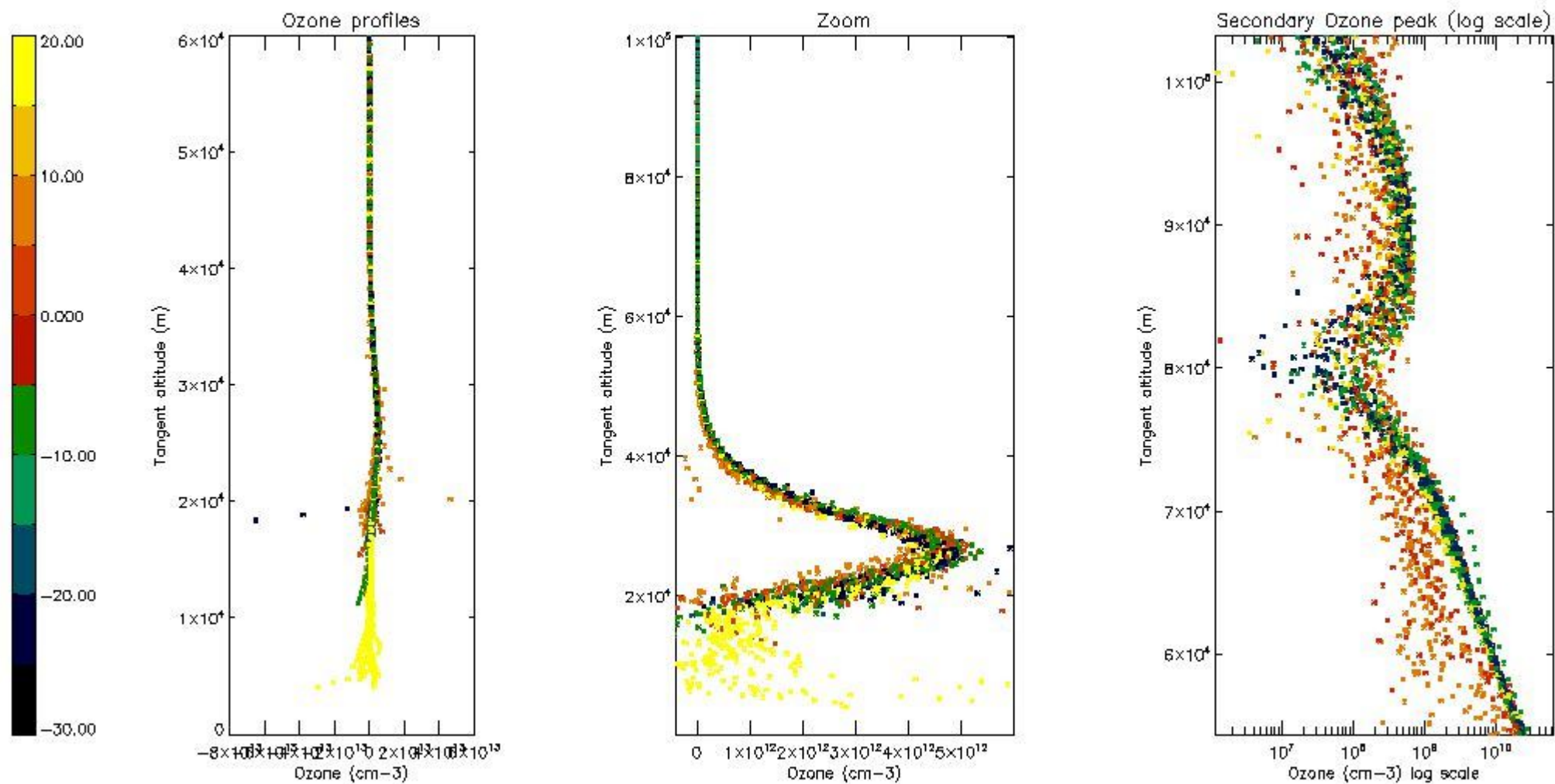
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	12
STD < 5	8

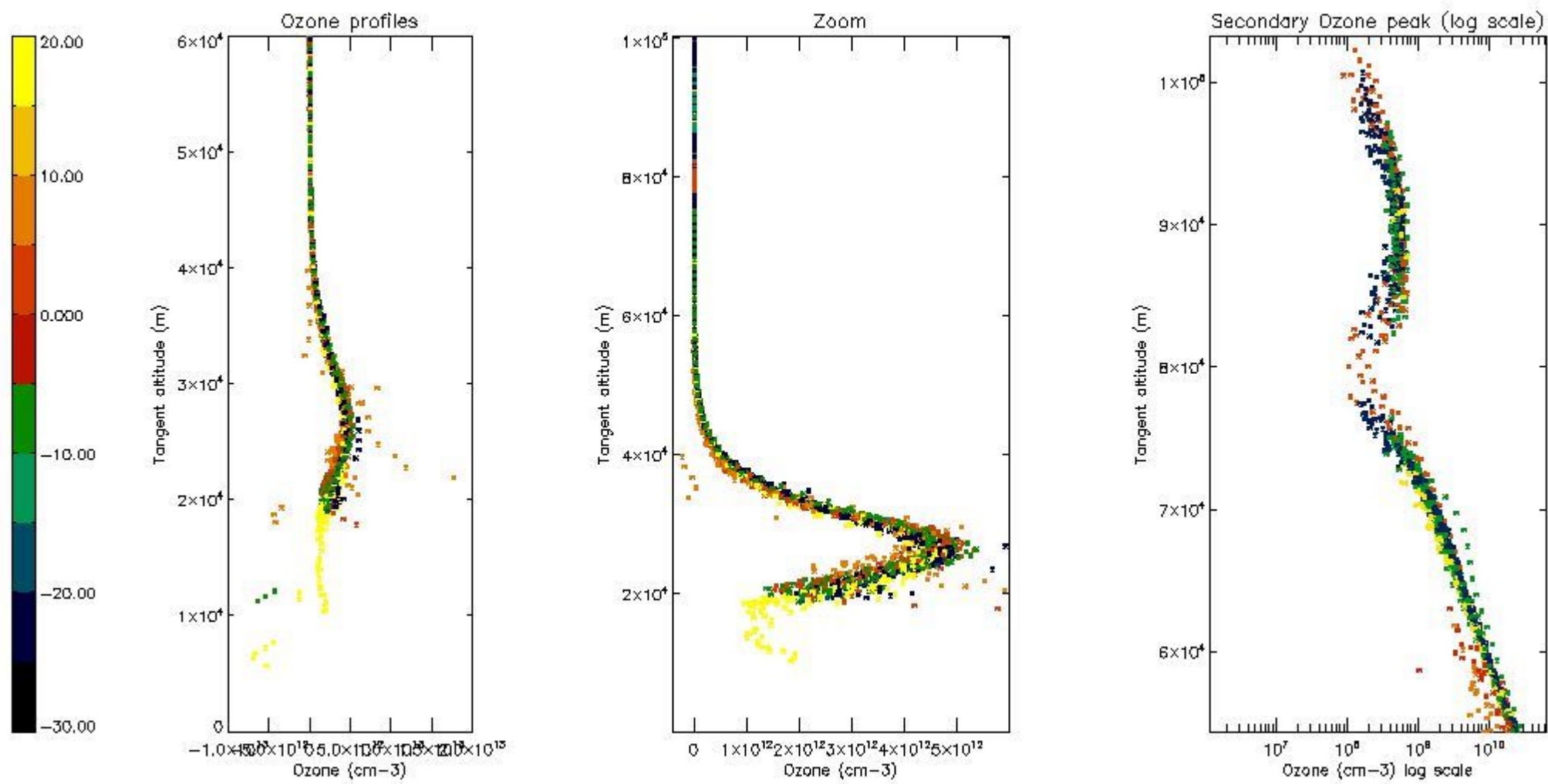
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

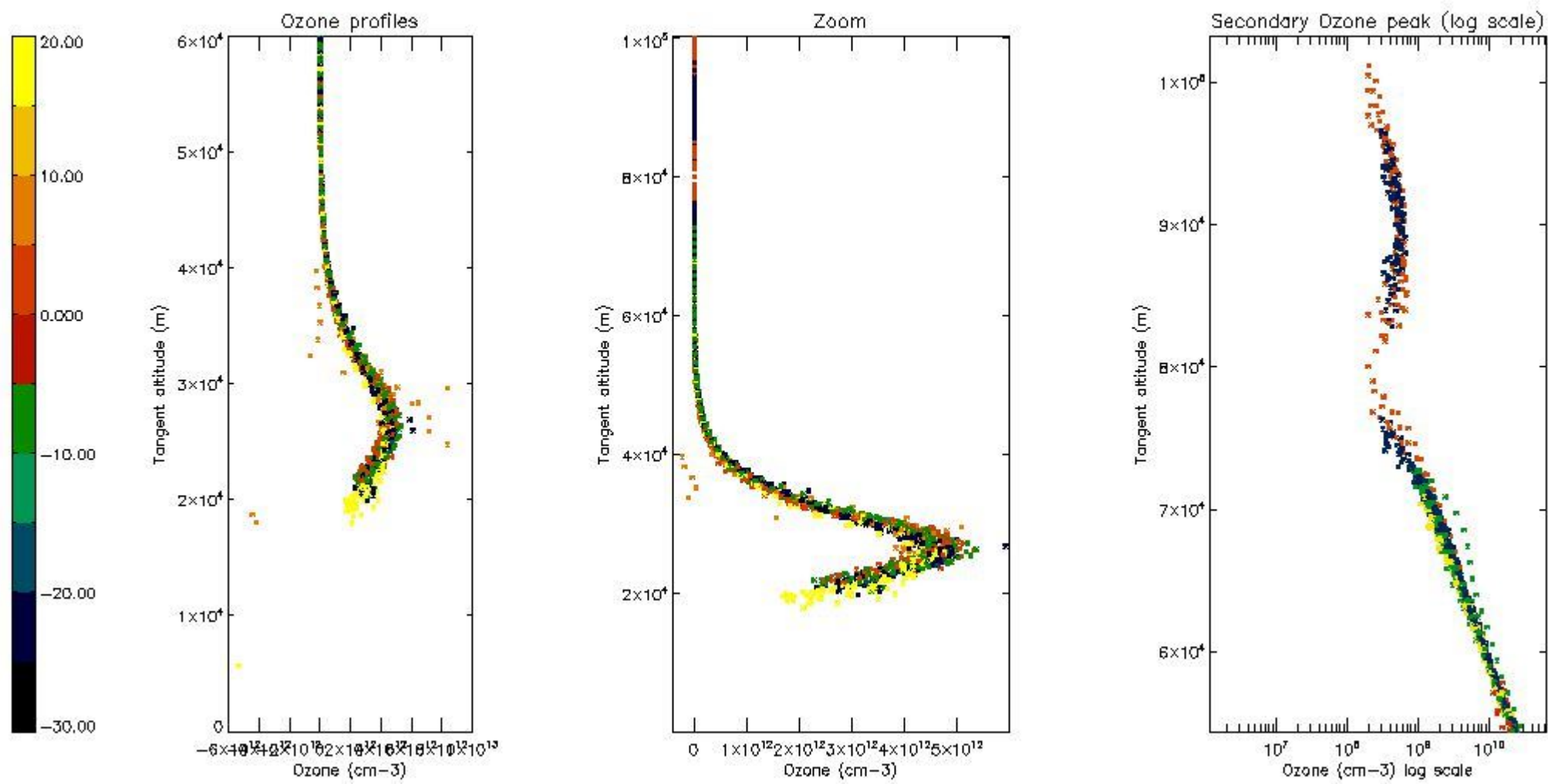
The colorbar represents the latitude.



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

The colorbar represents the latitude.

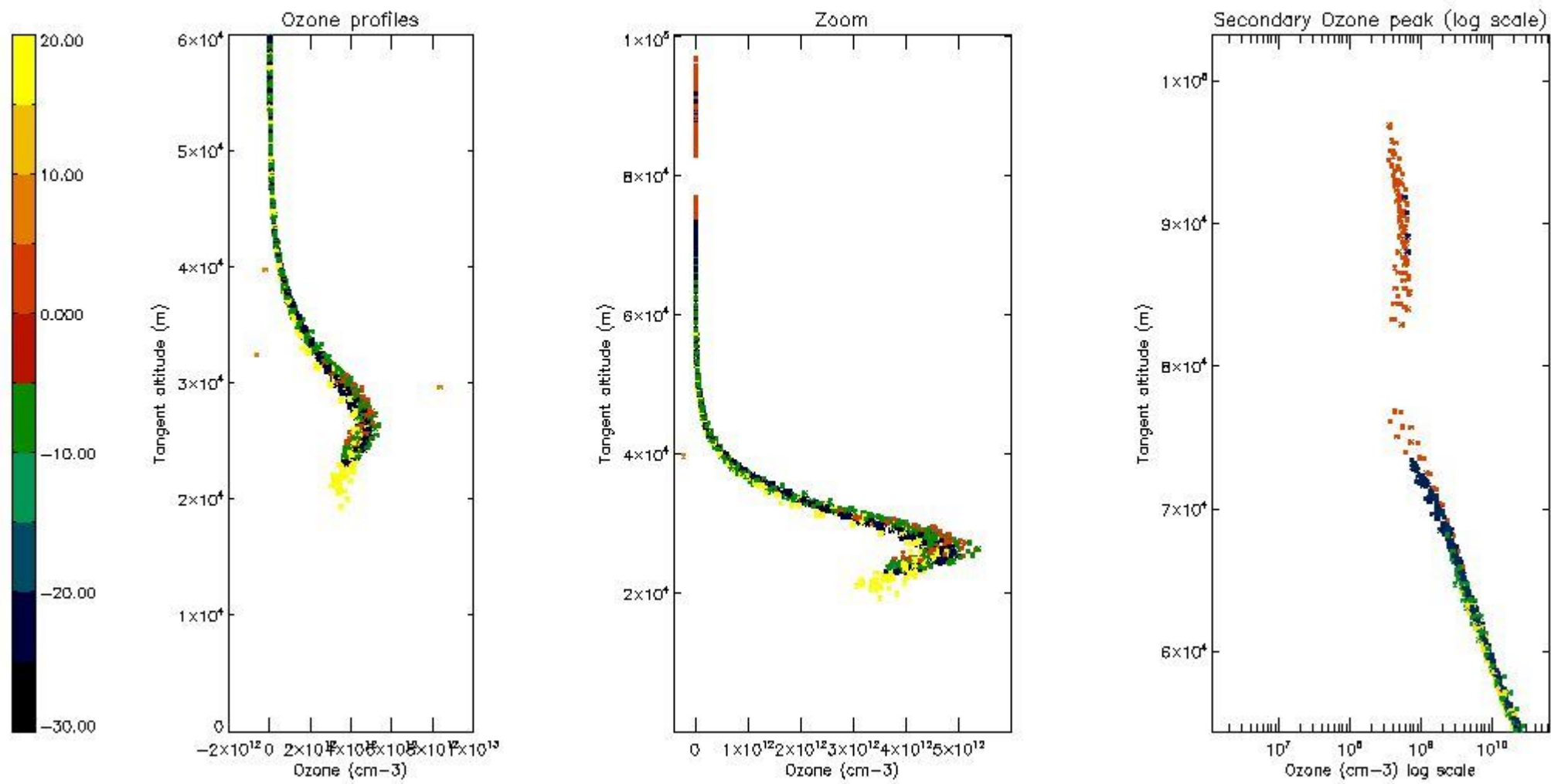




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

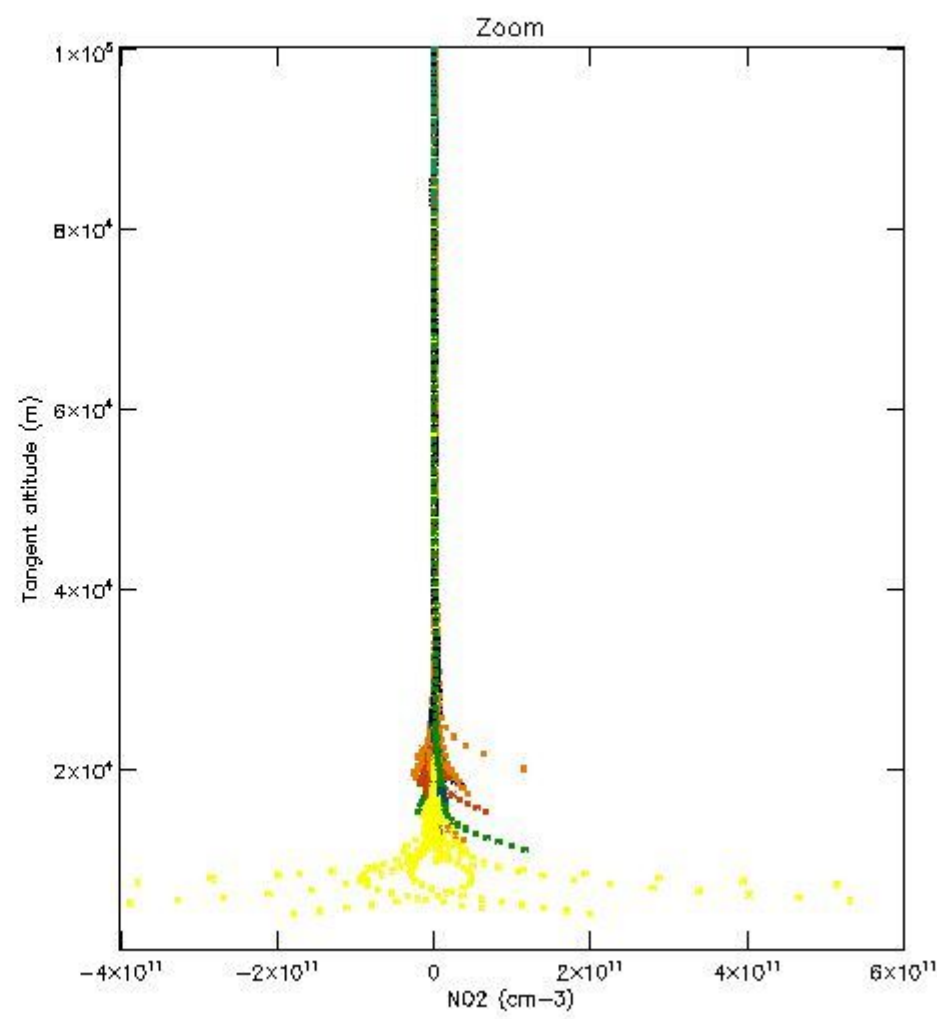
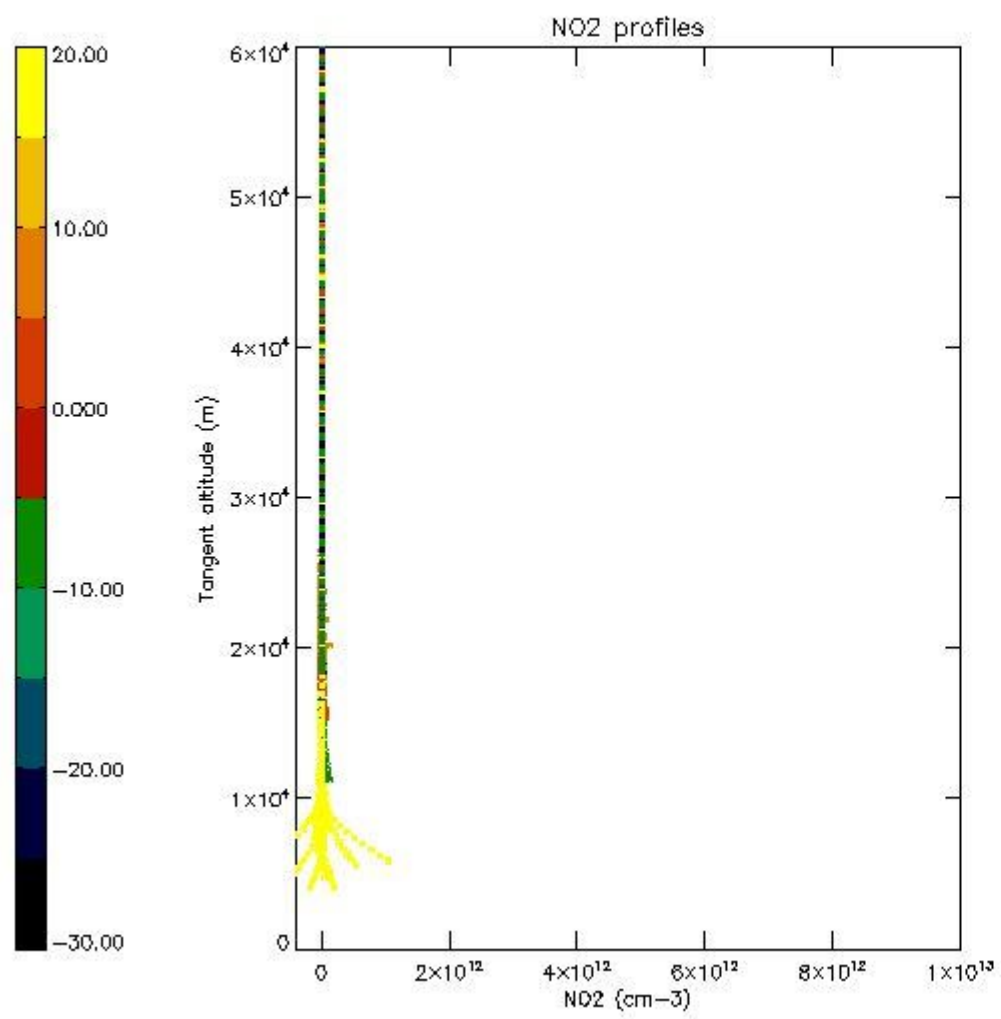
The colorbar represents the latitude.





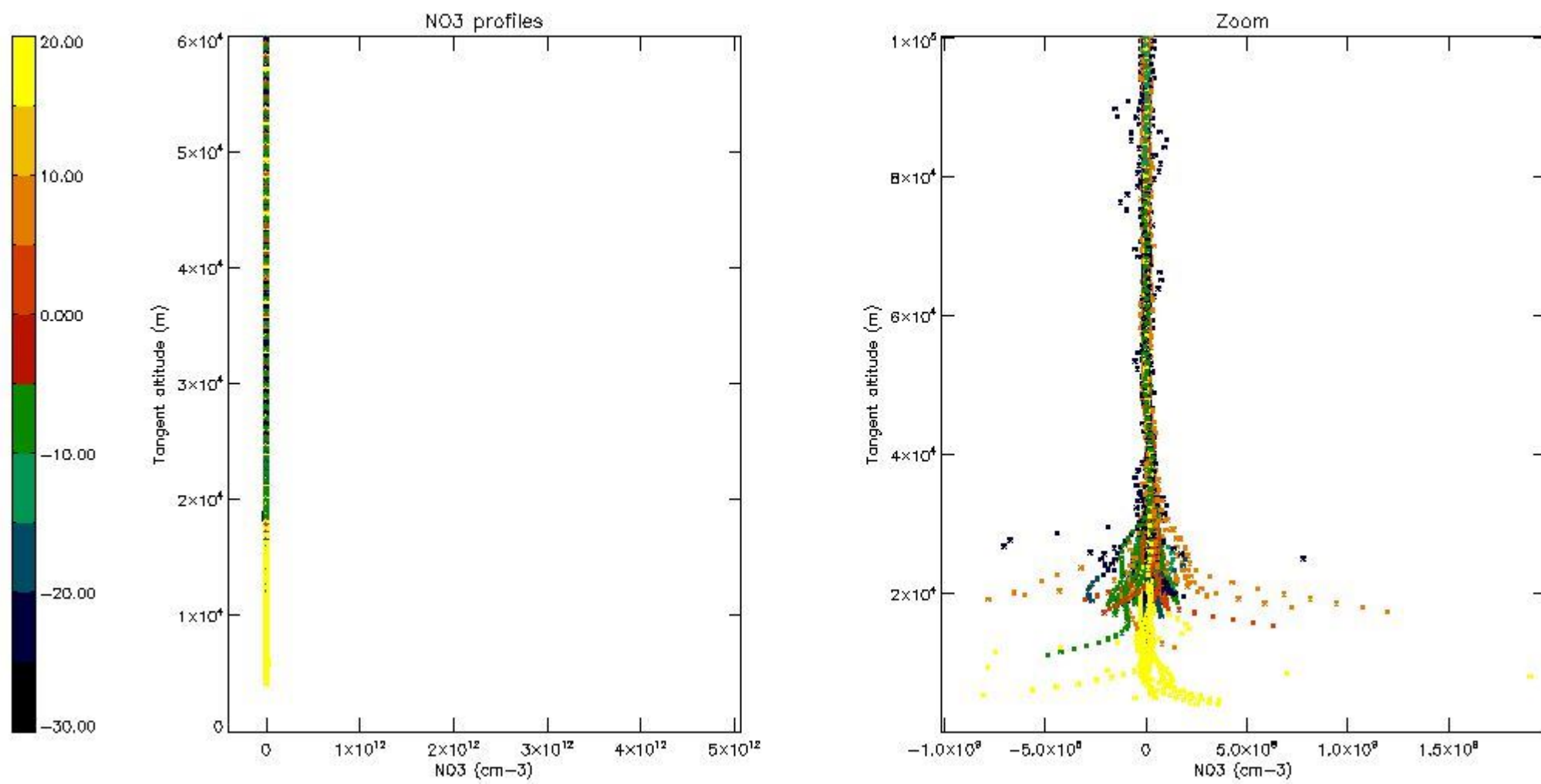
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



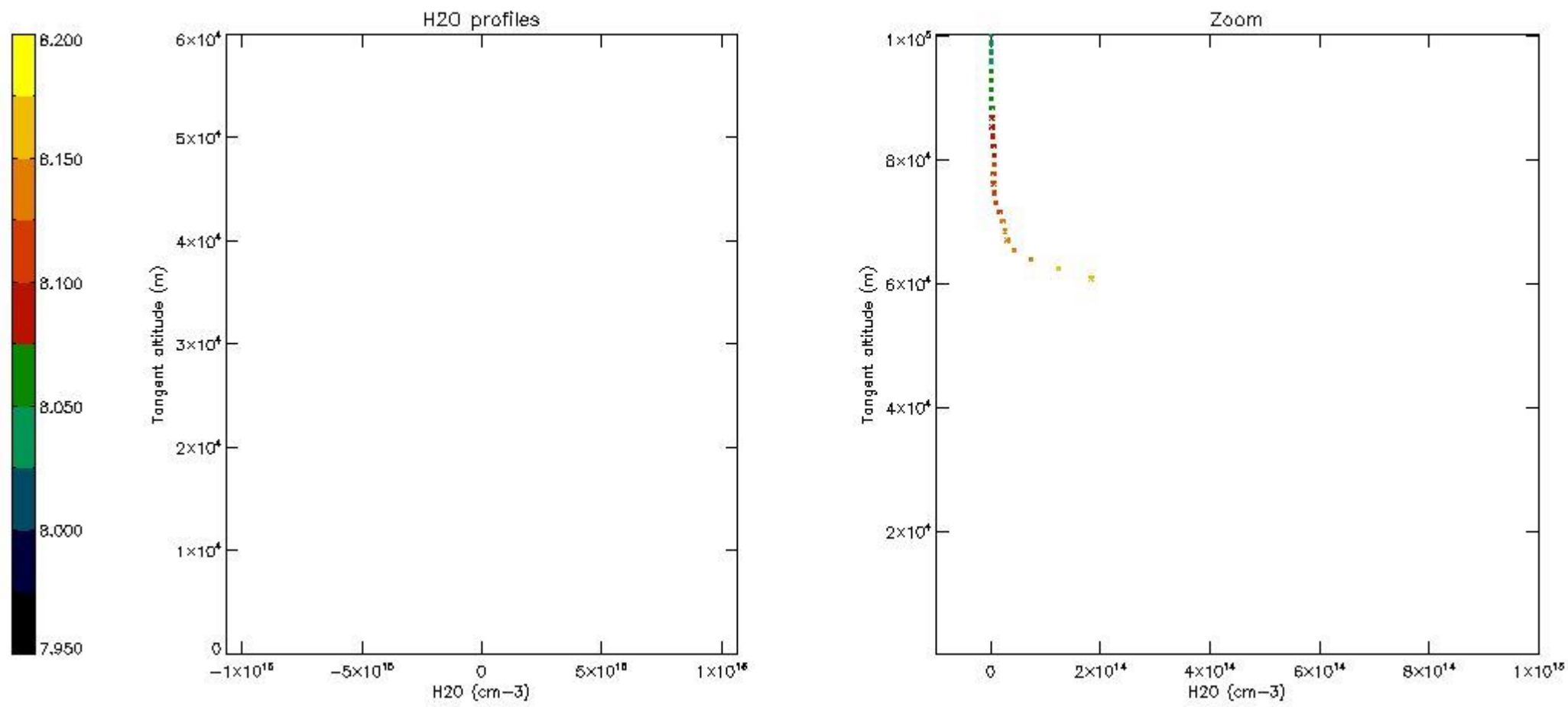
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	31-MAR-2010 00:00:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-MAR-2010 00:00:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-MAR-2010 00:00:06



# GOMOS Level 2 Daily Report

## SUMMARY

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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	29APR2013 09:09:27
Data source version	GOMOS/6.01
Start time of products	31-03-2010 (31MAR2010 00:00:00)
Stop time of products	01-04-2010 (01APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20100331_000006_00000482088_00116_42254_2219.N1	31-MAR-2010 00:00:06	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	42254	No
2	GOM_NL__2PRFIN20100331_000206_00000442088_00116_42254_2220.N1	31-MAR-2010 00:02:06	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	42254	No
3	GOM_NL__2PRFIN20100331_002600_00000562088_00116_42254_2221.N1	31-MAR-2010 00:26:00	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42254	No
4	GOM_NL__2PRFIN20100331_002935_00000532088_00117_42255_2209.N1	31-MAR-2010 00:29:35	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	42255	No
5	GOM_NL__2PRFIN20100331_003347_00000322088_00117_42255_2210.N1	31-MAR-2010 00:33:47	Dark	32.000	25	35Lam Sco	1.6200	28000.	64	42255	No
6	GOM_NL__2PRFIN20100331_003717_00000402088_00117_42255_2211.N1	31-MAR-2010 00:37:17	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42255	No
7	GOM_NL__2PRFIN20100331_003956_00000542088_00117_42255_2212.N1	31-MAR-2010 00:39:56	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	42255	No
8	GOM_NL__2PRFIN20100331_004238_00000452088_00117_42255_2213.N1	31-MAR-2010 00:42:38	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42255	No
9	GOM_NL__2PRFIN20100331_004414_00000502088_00117_42255_2214.N1	31-MAR-2010 00:44:14	Straylight	49.500	81	Eta Cen	2.3560	28000.	99	42255	No
10	GOM_NL__2PRFIN20100331_004700_00000532088_00117_42255_2215.N1	31-MAR-2010 00:47:00	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42255	No
11	GOM_NL__2PRFIN20100331_005306_00000452088_00117_42255_2216.N1	31-MAR-2010 00:53:06	Twilight_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42255	No
12	GOM_NL__2PRFIN20100331_005505_00000462088_00117_42255_2217.N1	31-MAR-2010 00:55:05	Twilight_stray	45.500	100	4Gam Crv	2.5800	13100.	91	42255	No
13	GOM_NL__2PRFIN20100331_010014_00000442088_00117_42255_2218.N1	31-MAR-2010 01:00:14	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	42255	No
14	GOM_NL__2PRFIN20100331_010452_00000392088_00117_42255_2219.N1	31-MAR-2010 01:04:52	Bright	39.000	62	94Bet Leo	2.1360	9700.0	78	42255	No
15	GOM_NL__2PRFIN20100331_010627_00000372088_00117_42255_2220.N1	31-MAR-2010 01:06:27	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42255	No
16	GOM_NL__2PRFIN20100331_011317_00000372088_00117_42255_2221.N1	31-MAR-2010 01:13:17	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	42255	No
17	GOM_NL__2PRFIN20100331_011621_00000382088_00117_42255_2222.N1	31-MAR-2010 01:16:21	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42255	No
18	GOM_NL__2PRFIN20100331_011808_00000392088_00117_42255_2223.N1	31-MAR-2010 01:18:08	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	42255	No
19	GOM_NL__2PRFIN20100331_012432_00000382088_00117_42255_2224.N1	31-MAR-2010 01:24:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42255	No
20	GOM_NL__2PRFIN20100331_013352_00000392088_00117_42255_2225.N1	31-MAR-2010 01:33:52	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42255	No
21	GOM_NL__2PRFIN20100331_013851_00000672088_00117_42255_2226.N1	31-MAR-2010 01:38:51	Bright	67.000	144	18Del Cyg	2.8600	11000.	134	42255	No
22	GOM_NL__2PRFIN20100331_014042_00000622088_00117_42255_2227.N1	31-MAR-2010 01:40:42	Bright	62.000	66	37Gam Cyg	2.2080	5900.0	124	42255	No
23	GOM_NL__2PRFIN20100331_014242_00000432088_00117_42255_2228.N1	31-MAR-2010 01:42:42	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	42255	No
24	GOM_NL__2PRFIN20100331_020637_00000552088_00117_42255_2229.N1	31-MAR-2010 02:06:37	Dark	54.500	57	34Sig Sgr	2.0660	26000.	109	42255	No
25	GOM_NL__2PRFIN20100331_021012_00000532088_00118_42256_2217.N1	31-MAR-2010 02:10:12	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	42256	No
26	GOM_NL__2PRFIN20100331_021424_00000302088_00118_42256_2218.N1	31-MAR-2010 02:14:24	Dark	30.000	25	35Lam Sco	1.6200	28000.	60	42256	No
27	GOM_NL__2PRFIN20100331_021753_00000422088_00118_42256_2219.N1	31-MAR-2010 02:17:53	Dark	41.500	134	Bet TrA	2.8100	6600.0	83	42256	No
28	GOM_NL__2PRFIN20100331_022032_00000422088_00118_42256_2220.N1	31-MAR-2010 02:20:32	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	42256	No
29	GOM_NL__2PRFIN20100331_022315_00000442088_00118_42256_2221.N1	31-MAR-2010 02:23:15	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42256	No
30	GOM_NL__2PRFIN20100331_022451_00000482088_00118_42256_2222.N1	31-MAR-2010 02:24:51	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42256	No
31	GOM_NL__2PRFIN20100331_022736_00000522088_00118_42256_2223.N1	31-MAR-2010 02:27:36	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	42256	No
32	GOM_NL__2PRFIN20100331_023342_00000472088_00118_42256_2224.N1	31-MAR-2010 02:33:42	Twilight_stray	47.000	106	9Bet Crv	2.6480	5600.0	94	42256	No
33	GOM_NL__2PRFIN20100331_023541_00000432088_00118_42256_2225.N1	31-MAR-2010 02:35:41	Twilight_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42256	No
34	GOM_NL__2PRFIN20100331_024050_00000452088_00118_42256_2226.N1	31-MAR-2010 02:40:50	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42256	No
35	GOM_NL__2PRFIN20100331_024527_00000402088_00118_42256_2227.N1	31-MAR-2010 02:45:27	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42256	No
36	GOM_NL__2PRFIN20100331_024702_00000382088_00118_42256_2228.N1	31-MAR-2010 02:47:02	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	42256	No
37	GOM_NL__2PRFIN20100331_025352_00000392088_00118_42256_2229.N1	31-MAR-2010 02:53:52	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	42256	No
38	GOM_NL__2PRFIN20100331_025657_00000372088_00118_42256_2230.N1	31-MAR-2010 02:56:57	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42256	No
39	GOM_NL__2PRFIN20100331_025844_00000352088_00118_42256_2231.N1	31-MAR-2010 02:58:44	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	42256	No
40	GOM_NL__2PRFIN20100331_030508_00000582088_00118_42256_2232.N1	31-MAR-2010 03:05:08	Bright	57.500	60	7Bet UMi	2.0810	3950.0	115	42256	No
41	GOM_NL__2PRFIN20100331_031428_00000382088_00118_42256_2233.N1	31-MAR-2010 03:14:28	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42256	No
42	GOM_NL__2PRFIN20100331_031927_00000452088_00118_42256_2234.N1	31-MAR-2010 03:19:27	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42256	No

43	GOM_NL__2PRFIN20100331_032118_000000422088_00118_42256_2235.N1	31-MAR-2010 03:21:18	Bright	42.000	66	37Gam Cyg	2.2080	5900.0	84	42256	No
44	GOM_NL__2PRFIN20100331_032318_000000452088_00118_42256_2236.N1	31-MAR-2010 03:23:18	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	42256	No
45	GOM_NL__2PRFIN20100331_034714_000000542088_00118_42256_2237.N1	31-MAR-2010 03:47:14	Dark	54.000	57	34Sig Sgr	2.0660	26000.	108	42256	No
46	GOM_NL__2PRFIN20100331_035050_000000562088_00119_42257_2225.N1	31-MAR-2010 03:50:50	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	42257	No
47	GOM_NL__2PRFIN20100331_035501_000000302088_00119_42257_2226.N1	31-MAR-2010 03:55:01	Dark	30.000	25	35Lam Sco	1.6200	28000.	60	42257	No
48	GOM_NL__2PRFIN20100331_035830_000000412088_00119_42257_2227.N1	31-MAR-2010 03:58:30	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42257	No
49	GOM_NL__2PRFIN20100331_040109_000000462088_00119_42257_2228.N1	31-MAR-2010 04:01:09	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	42257	No
50	GOM_NL__2PRFIN20100331_040351_000000482088_00119_42257_2229.N1	31-MAR-2010 04:03:51	Straylight	48.000	78	Alp Lup	2.3040	28000.	96	42257	No
51	GOM_NL__2PRFIN20100331_040527_000000512088_00119_42257_2230.N1	31-MAR-2010 04:05:27	Straylight	50.500	81	Eta Cen	2.3560	28000.	101	42257	No
52	GOM_NL__2PRFIN20100331_040813_000000532088_00119_42257_2231.N1	31-MAR-2010 04:08:13	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42257	No
53	GOM_NL__2PRFIN20100331_041418_000000452088_00119_42257_2232.N1	31-MAR-2010 04:14:18	Tw_i_and_stray	45.000	106	9Bet Crv	2.6480	5600.0	90	42257	No
54	GOM_NL__2PRFIN20100331_041617_000000442088_00119_42257_2233.N1	31-MAR-2010 04:16:17	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42257	No
55	GOM_NL__2PRFIN20100331_042126_000000462088_00119_42257_2234.N1	31-MAR-2010 04:21:26	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42257	No
56	GOM_NL__2PRFIN20100331_042603_000000412088_00119_42257_2235.N1	31-MAR-2010 04:26:03	Bright	41.000	62	94Bet Leo	2.1360	9700.0	82	42257	No
57	GOM_NL__2PRFIN20100331_042739_000000392088_00119_42257_2236.N1	31-MAR-2010 04:27:39	Bright	38.500	96	68Del Leo	2.5600	9300.0	77	42257	No
58	GOM_NL__2PRFIN20100331_043429_000000382088_00119_42257_2237.N1	31-MAR-2010 04:34:29	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	42257	No
59	GOM_NL__2PRFIN20100331_043733_000000382088_00119_42257_2238.N1	31-MAR-2010 04:37:33	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42257	No
60	GOM_NL__2PRFIN20100331_043920_000000402088_00119_42257_2239.N1	31-MAR-2010 04:39:20	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	42257	No
61	GOM_NL__2PRFIN20100331_044544_000000582088_00119_42257_2240.N1	31-MAR-2010 04:45:44	Bright	57.500	60	7Bet UMi	2.0810	3950.0	115	42257	No
62	GOM_NL__2PRFIN20100331_045504_000000412088_00119_42257_2241.N1	31-MAR-2010 04:55:04	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42257	No
63	GOM_NL__2PRFIN20100331_050003_000000472088_00119_42257_2242.N1	31-MAR-2010 05:00:03	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	42257	No
64	GOM_NL__2PRFIN20100331_050154_000000472088_00119_42257_2243.N1	31-MAR-2010 05:01:54	Bright	47.000	66	37Gam Cyg	2.2080	5900.0	94	42257	No
65	GOM_NL__2PRFIN20100331_050354_000000442088_00119_42257_2244.N1	31-MAR-2010 05:03:54	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42257	No
66	GOM_NL__2PRFIN20100331_052752_000000562088_00119_42257_2245.N1	31-MAR-2010 05:27:52	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42257	No
67	GOM_NL__2PRFIN20100331_053127_000000542088_00120_42258_2233.N1	31-MAR-2010 05:31:27	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	42258	No
68	GOM_NL__2PRFIN20100331_053538_000000282088_00120_42258_2234.N1	31-MAR-2010 05:35:38	Dark	28.000	25	35Lam Sco	1.6200	28000.	56	42258	No
69	GOM_NL__2PRFIN20100331_053906_000000402088_00120_42258_2235.N1	31-MAR-2010 05:39:06	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42258	No
70	GOM_NL__2PRFIN20100331_054145_000000552088_00120_42258_2236.N1	31-MAR-2010 05:41:45	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	42258	No
71	GOM_NL__2PRFIN20100331_054428_000000472088_00120_42258_2237.N1	31-MAR-2010 05:44:28	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42258	No
72	GOM_NL__2PRFIN20100331_054604_000000512088_00120_42258_2238.N1	31-MAR-2010 05:46:04	Straylight	50.500	81	Eta Cen	2.3560	28000.	101	42258	No
73	GOM_NL__2PRFIN20100331_054849_000000542088_00120_42258_2239.N1	31-MAR-2010 05:48:49	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42258	No
74	GOM_NL__2PRFIN20100331_055455_000000442088_00120_42258_2240.N1	31-MAR-2010 05:54:55	Tw_i_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42258	No
75	GOM_NL__2PRFIN20100331_055654_000000442088_00120_42258_2241.N1	31-MAR-2010 05:56:54	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42258	No
76	GOM_NL__2PRFIN20100331_060202_000000472088_00120_42258_2242.N1	31-MAR-2010 06:02:02	Bright	47.000	121	29Gam Vir	2.7400	7200.0	94	42258	No
77	GOM_NL__2PRFIN20100331_060640_000000402088_00120_42258_2243.N1	31-MAR-2010 06:06:40	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42258	No
78	GOM_NL__2PRFIN20100331_060814_000000372088_00120_42258_2244.N1	31-MAR-2010 06:08:14	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42258	No
79	GOM_NL__2PRFIN20100331_061504_000000432088_00120_42258_2245.N1	31-MAR-2010 06:15:04	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	42258	No
80	GOM_NL__2PRFIN20100331_061809_000000562088_00120_42258_2246.N1	31-MAR-2010 06:18:09	Bright	56.000	87	64Gam UMa	2.4330	11000.	112	42258	No
81	GOM_NL__2PRFIN20100331_061956_000000392088_00120_42258_2247.N1	31-MAR-2010 06:19:56	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	42258	No
82	GOM_NL__2PRFIN20100331_062620_000000512088_00120_42258_2248.N1	31-MAR-2010 06:26:20	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	42258	No
83	GOM_NL__2PRFIN20100331_063540_000000372088_00120_42258_2249.N1	31-MAR-2010 06:35:40	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42258	No
84	GOM_NL__2PRFIN20100331_064038_000000462088_00120_42258_2250.N1	31-MAR-2010 06:40:38	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	42258	No
85	GOM_NL__2PRFIN20100331_064230_000000452088_00120_42258_2251.N1	31-MAR-2010 06:42:30	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	42258	No
86	GOM_NL__2PRFIN20100331_064430_000000442088_00120_42258_2252.N1	31-MAR-2010 06:44:30	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	42258	No
87	GOM_NL__2PRFIN20100331_070829_000000542088_00120_42258_2253.N1	31-MAR-2010 07:08:29	Dark	54.000	57	34Sig Sgr	2.0660	26000.	108	42258	No
88	GOM_NL__2PRFIN20100331_071204_000000542088_00121_42259_2241.N1	31-MAR-2010 07:12:04	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	42259	No
89	GOM_NL__2PRFIN20100331_071616_000000282088_00121_42259_2242.N1	31-MAR-2010 07:16:16	Dark	28.000	25	35Lam Sco	1.6200	28000.	56	42259	No
90	GOM_NL__2PRFIN20100331_071943_000000382088_00121_42259_2243.N1	31-MAR-2010 07:19:43	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	42259	No
91	GOM_NL__2PRFIN20100331_072222_000000452088_00121_42259_2244.N1	31-MAR-2010 07:22:22	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	42259	No
92	GOM_NL__2PRFIN20100331_072505_000000452088_00121_42259_2245.N1	31-MAR-2010 07:25:05	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42259	No
93	GOM_NL__2PRFIN20100331_072641_000000492088_00121_42259_2246.N1	31-MAR-2010 07:26:41	Straylight	49.000	81	Eta Cen	2.3560	28000.	98	42259	No
94	GOM_NL__2PRFIN20100331_072926_000000542088_00121_42259_2247.N1	31-MAR-2010 07:29:26	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42259	No
95	GOM_NL__2PRFIN20100331_073531_000000472088_00121_42259_2248.N1	31-MAR-2010 07:35:31	Tw_i_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42259	No
96	GOM_NL__2PRFIN20100331_073729_000000452088_00121_42259_2249.N1	31-MAR-2010 07:37:29	Tw_i_and_stray	45.000	100	4Gam Crv	2.5800	13100.	90	42259	No
97	GOM_NL__2PRFIN20100331_074238_000000452088_00121_42259_2250.N1	31-MAR-2010 07:42:38	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	42259	No
98	GOM_NL__2PRFIN20100331_074715_000000412088_00121_42259_2251.N1	31-MAR-2010 07:47:15	Bright	40.500	62	94Bet Leo	2.1360	9700.0	81	42259	No
99	GOM_NL__2PRFIN20100331_074850_000000372088_00121_42259_2252.N1	31-MAR-2010 07:48:50	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	42259	No
100	GOM_NL__2PRFIN20100331_075540_000000382088_00121_42259_2253.N1	31-MAR-2010 07:55:40	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	42259	No
101	GOM_NL__2PRFIN20100331_075845_000000382088_00121_42259_2254.N1	31-MAR-2010 07:58:45	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42259	No

102	GOM_NL__2PRFIN20100331_080032_000000382088_00121_42259_2255.N1	31-MAR-2010 08:00:32	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	42259	No
103	GOM_NL__2PRFIN20100331_080655_000000412088_00121_42259_2256.N1	31-MAR-2010 08:06:55	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42259	No
104	GOM_NL__2PRFIN20100331_081616_000000392088_00121_42259_2257.N1	31-MAR-2010 08:16:16	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42259	No
105	GOM_NL__2PRFIN20100331_082114_000000672088_00121_42259_2258.N1	31-MAR-2010 08:21:14	Bright	67.000	144	18Del Cyg	2.8600	11000.	134	42259	No
106	GOM_NL__2PRFIN20100331_082306_000000472088_00121_42259_2259.N1	31-MAR-2010 08:23:06	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42259	No
107	GOM_NL__2PRFIN20100331_082506_000000442088_00121_42259_2260.N1	31-MAR-2010 08:25:06	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42259	No
108	GOM_NL__2PRFIN20100331_084906_000000552088_00121_42259_2261.N1	31-MAR-2010 08:49:06	Dark	55.000	57	34Sig Sgr	2.0660	26000.	110	42259	No
109	GOM_NL__2PRFIN20100331_085241_000000542088_00122_42260_2269.N1	31-MAR-2010 08:52:41	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	42260	No
110	GOM_NL__2PRFIN20100331_085653_000000252088_00122_42260_2270.N1	31-MAR-2010 08:56:53	Dark	25.000	25	35Lam Sco	1.6200	28000.	50	42260	No
111	GOM_NL__2PRFIN20100331_090019_000000392088_00122_42260_2271.N1	31-MAR-2010 09:00:19	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42260	No
112	GOM_NL__2PRFIN20100331_090258_000000432088_00122_42260_2272.N1	31-MAR-2010 09:02:58	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	42260	No
113	GOM_NL__2PRFIN20100331_090541_000000442088_00122_42260_2273.N1	31-MAR-2010 09:05:41	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42260	No
114	GOM_NL__2PRFIN20100331_090717_000000462088_00122_42260_2274.N1	31-MAR-2010 09:07:17	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42260	No
115	GOM_NL__2PRFIN20100331_091002_000000532088_00122_42260_2275.N1	31-MAR-2010 09:10:02	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42260	No
116	GOM_NL__2PRFIN20100331_091607_000000472088_00122_42260_2276.N1	31-MAR-2010 09:16:07	Twi_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42260	No
117	GOM_NL__2PRFIN20100331_091806_000000432088_00122_42260_2277.N1	31-MAR-2010 09:18:06	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42260	No
118	GOM_NL__2PRFIN20100331_092313_000000462088_00122_42260_2278.N1	31-MAR-2010 09:23:13	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	42260	No
119	GOM_NL__2PRFIN20100331_092751_000000412088_00122_42260_2279.N1	31-MAR-2010 09:27:51	Bright	41.000	62	94Bet Leo	2.1360	9700.0	82	42260	No
120	GOM_NL__2PRFIN20100331_092926_000000392088_00122_42260_2280.N1	31-MAR-2010 09:29:26	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	42260	No
121	GOM_NL__2PRFIN20100331_093616_000000372088_00122_42260_2281.N1	31-MAR-2010 09:36:16	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	42260	No
122	GOM_NL__2PRFIN20100331_093920_000000382088_00122_42260_2282.N1	31-MAR-2010 09:39:20	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42260	No
123	GOM_NL__2PRFIN20100331_094108_000000372088_00122_42260_2283.N1	31-MAR-2010 09:41:08	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42260	No
124	GOM_NL__2PRFIN20100331_094731_000000402088_00122_42260_2284.N1	31-MAR-2010 09:47:31	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42260	No
125	GOM_NL__2PRFIN20100331_095651_000000382088_00122_42260_2285.N1	31-MAR-2010 09:56:51	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42260	No
126	GOM_NL__2PRFIN20100331_100150_000000462088_00122_42260_2286.N1	31-MAR-2010 10:01:50	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	42260	No
127	GOM_NL__2PRFIN20100331_100342_000000472088_00122_42260_2287.N1	31-MAR-2010 10:03:42	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42260	No
128	GOM_NL__2PRFIN20100331_100542_000000452088_00122_42260_2288.N1	31-MAR-2010 10:05:42	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	42260	No
129	GOM_NL__2PRFIN20100331_102944_000000542088_00122_42260_2289.N1	31-MAR-2010 10:29:44	Dark	53.500	57	34Sig Sgr	2.0660	26000.	107	42260	No
130	GOM_NL__2PRFIN20100331_103319_000000532088_00123_42261_2277.N1	31-MAR-2010 10:33:19	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	42261	No
131	GOM_NL__2PRFIN20100331_103730_000000252088_00123_42261_2278.N1	31-MAR-2010 10:37:30	Dark	25.000	25	35Lam Sco	1.6200	28000.	50	42261	No
132	GOM_NL__2PRFIN20100331_104056_000000402088_00123_42261_2279.N1	31-MAR-2010 10:40:56	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42261	No
133	GOM_NL__2PRFIN20100331_104335_000000522088_00123_42261_2280.N1	31-MAR-2010 10:43:35	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	42261	No
134	GOM_NL__2PRFIN20100331_104618_000000442088_00123_42261_2281.N1	31-MAR-2010 10:46:18	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42261	No
135	GOM_NL__2PRFIN20100331_104754_000000472088_00123_42261_2282.N1	31-MAR-2010 10:47:54	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42261	No
136	GOM_NL__2PRFIN20100331_105039_000000552088_00123_42261_2283.N1	31-MAR-2010 10:50:39	Straylight	54.500	54	5The Cen	2.0550	4500.0	109	42261	No
137	GOM_NL__2PRFIN20100331_105643_000000482088_00123_42261_2284.N1	31-MAR-2010 10:56:43	Twi_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42261	No
138	GOM_NL__2PRFIN20100331_105842_000000442088_00123_42261_2285.N1	31-MAR-2010 10:58:42	Twi_and_stray	44.000	100	4Gam Crv	2.5800	13100.	88	42261	No
139	GOM_NL__2PRFIN20100331_110349_000000472088_00123_42261_2286.N1	31-MAR-2010 11:03:49	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	42261	No
140	GOM_NL__2PRFIN20100331_110827_000000412088_00123_42261_2287.N1	31-MAR-2010 11:08:27	Bright	40.500	62	94Bet Leo	2.1360	9700.0	81	42261	No
141	GOM_NL__2PRFIN20100331_111002_000000472088_00123_42261_2288.N1	31-MAR-2010 11:10:02	Bright	46.500	96	68Del Leo	2.5600	9300.0	93	42261	No
142	GOM_NL__2PRFIN20100331_111652_000000392088_00123_42261_2289.N1	31-MAR-2010 11:16:52	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	42261	No
143	GOM_NL__2PRFIN20100331_111956_000000392088_00123_42261_2290.N1	31-MAR-2010 11:19:56	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42261	No
144	GOM_NL__2PRFIN20100331_112143_000000372088_00123_42261_2291.N1	31-MAR-2010 11:21:43	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42261	No
145	GOM_NL__2PRFIN20100331_112807_000000422088_00123_42261_2292.N1	31-MAR-2010 11:28:07	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42261	No
146	GOM_NL__2PRFIN20100331_113727_000000382088_00123_42261_2293.N1	31-MAR-2010 11:37:27	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42261	No
147	GOM_NL__2PRFIN20100331_114226_000000462088_00123_42261_2294.N1	31-MAR-2010 11:42:26	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	42261	No
148	GOM_NL__2PRFIN20100331_114418_000000452088_00123_42261_2295.N1	31-MAR-2010 11:44:18	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42261	No
149	GOM_NL__2PRFIN20100331_114618_000000442088_00123_42261_2296.N1	31-MAR-2010 11:46:18	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42261	No
150	GOM_NL__2PRFIN20100331_121020_000000552088_00123_42261_2297.N1	31-MAR-2010 12:10:20	Dark	55.000	57	34Sig Sgr	2.0660	26000.	110	42261	No
151	GOM_NL__2PRFIN20100331_121356_000000542088_00124_42262_2285.N1	31-MAR-2010 12:13:56	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	42262	No
152	GOM_NL__2PRFIN20100331_121745_000000512088_00124_42262_2286.N1	31-MAR-2010 12:17:45	Dark	50.500	40	The Sco	1.8590	7100.0	101	42262	No
153	GOM_NL__2PRFIN20100331_122132_000000402088_00124_42262_2287.N1	31-MAR-2010 12:21:32	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42262	No
154	GOM_NL__2PRFIN20100331_122411_000000542088_00124_42262_2288.N1	31-MAR-2010 12:24:11	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	42262	No
155	GOM_NL__2PRFIN20100331_122654_000000492088_00124_42262_2289.N1	31-MAR-2010 12:26:54	Straylight	48.500	78	Alp Lup	2.3040	28000.	97	42262	No
156	GOM_NL__2PRFIN20100331_122830_000000482088_00124_42262_2290.N1	31-MAR-2010 12:28:30	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42262	No
157	GOM_NL__2PRFIN20100331_123115_000000532088_00124_42262_2291.N1	31-MAR-2010 12:31:15	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42262	No
158	GOM_NL__2PRFIN20100331_123719_000000482088_00124_42262_2292.N1	31-MAR-2010 12:37:19	Twi_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42262	No
159	GOM_NL__2PRFIN20100331_123918_000000432088_00124_42262_2293.N1	31-MAR-2010 12:39:18	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42262	No
160	GOM_NL__2PRFIN20100331_124425_000000462088_00124_42262_2294.N1	31-MAR-2010 12:44:25	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42262	No





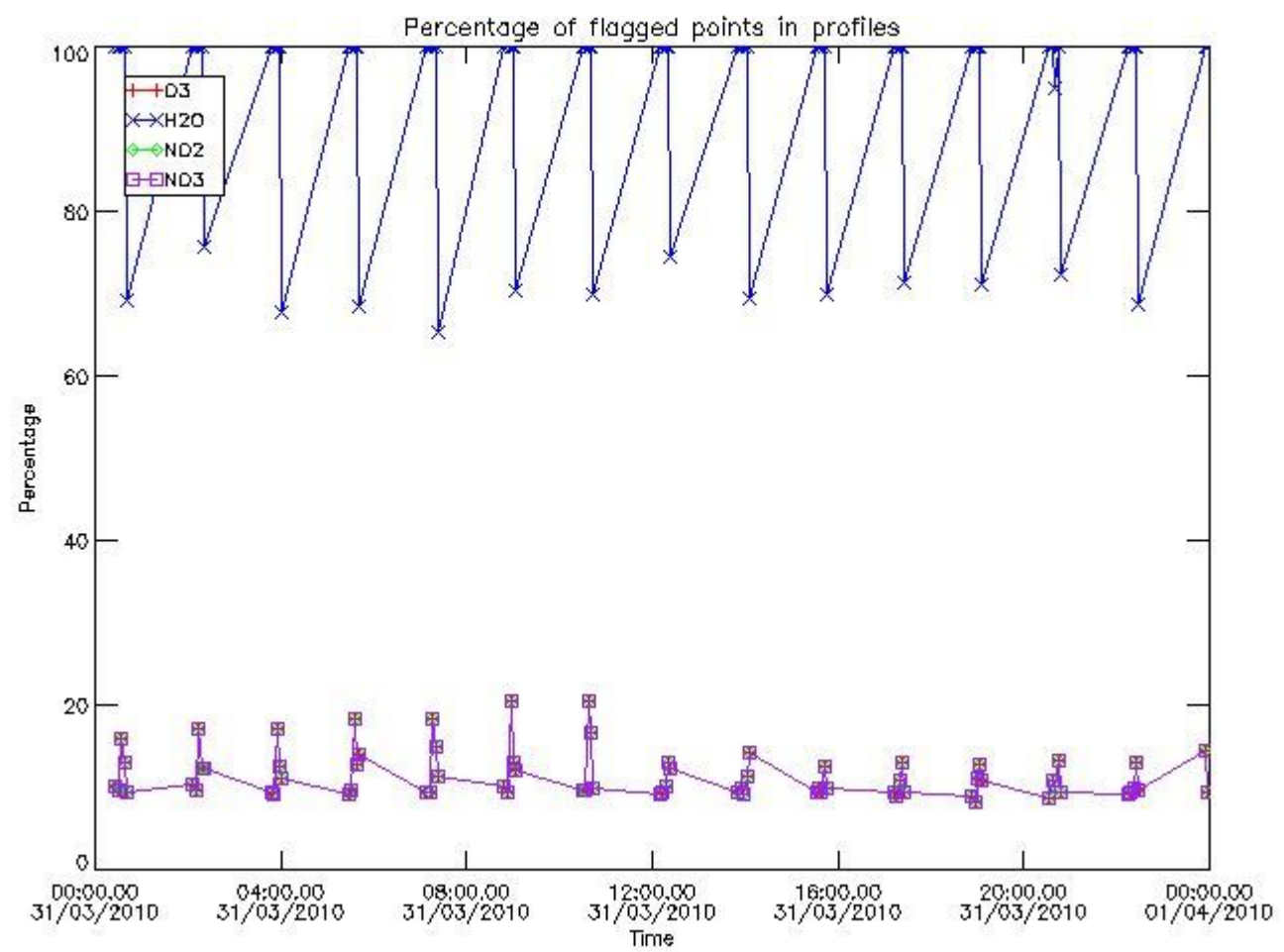


279	GOM_NL__2PRFIN20100331_222511_000000402088_00130_42268_2335.N1	31-MAR-2010 22:25:11	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	42268	No
280	GOM_NL__2PRFIN20100331_222749_000000532088_00130_42268_2336.N1	31-MAR-2010 22:27:49	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	42268	No
281	GOM_NL__2PRFIN20100331_223033_000000452088_00130_42268_2337.N1	31-MAR-2010 22:30:33	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42268	No
282	GOM_NL__2PRFIN20100331_223210_000000512088_00130_42268_2338.N1	31-MAR-2010 22:32:10	Straylight	50.500	81	Eta Cen	2.3560	28000.	101	42268	No
283	GOM_NL__2PRFIN20100331_223454_000000552088_00130_42268_2339.N1	31-MAR-2010 22:34:54	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	42268	No
284	GOM_NL__2PRFIN20100331_224056_000000462088_00130_42268_2340.N1	31-MAR-2010 22:40:56	Twilight_stray	45.500	106	9Bet Crv	2.6480	5600.0	91	42268	No
285	GOM_NL__2PRFIN20100331_224254_000000452088_00130_42268_2341.N1	31-MAR-2010 22:42:54	Twilight_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42268	No
286	GOM_NL__2PRFIN20100331_224800_000000442088_00130_42268_2342.N1	31-MAR-2010 22:48:00	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	42268	No
287	GOM_NL__2PRFIN20100331_225237_000000402088_00130_42268_2343.N1	31-MAR-2010 22:52:37	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42268	No
288	GOM_NL__2PRFIN20100331_225413_000000372088_00130_42268_2344.N1	31-MAR-2010 22:54:13	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	42268	No
289	GOM_NL__2PRFIN20100331_230103_000000372088_00130_42268_2345.N1	31-MAR-2010 23:01:03	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	42268	No
290	GOM_NL__2PRFIN20100331_230405_000000392088_00130_42268_2346.N1	31-MAR-2010 23:04:05	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42268	No
291	GOM_NL__2PRFIN20100331_230554_000000362088_00130_42268_2347.N1	31-MAR-2010 23:05:54	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	42268	No
292	GOM_NL__2PRFIN20100331_231215_000000392088_00130_42268_2348.N1	31-MAR-2010 23:12:15	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42268	No
293	GOM_NL__2PRFIN20100331_232139_000000382088_00130_42268_2349.N1	31-MAR-2010 23:21:39	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42268	No
294	GOM_NL__2PRFIN20100331_232636_000000452088_00130_42268_2350.N1	31-MAR-2010 23:26:36	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42268	No
295	GOM_NL__2PRFIN20100331_232829_000000472088_00130_42268_2351.N1	31-MAR-2010 23:28:29	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42268	No
296	GOM_NL__2PRFIN20100331_233030_000000442088_00130_42268_2352.N1	31-MAR-2010 23:30:30	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42268	No
297	GOM_NL__2PRFIN20100331_235441_000000532088_00130_42268_2353.N1	31-MAR-2010 23:54:41	Dark	53.000	57	34Sig Sgr	2.0660	26000.	106	42268	No
298	GOM_NL__2PRFIN20100331_235816_000000552088_00131_42269_2341.N1	31-MAR-2010 23:58:16	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	42269	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.

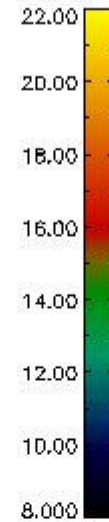
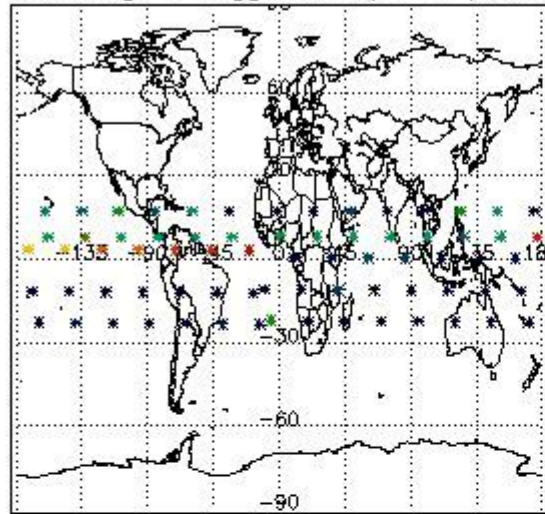
#### 3.1 Plot quality information per product (time dependant)



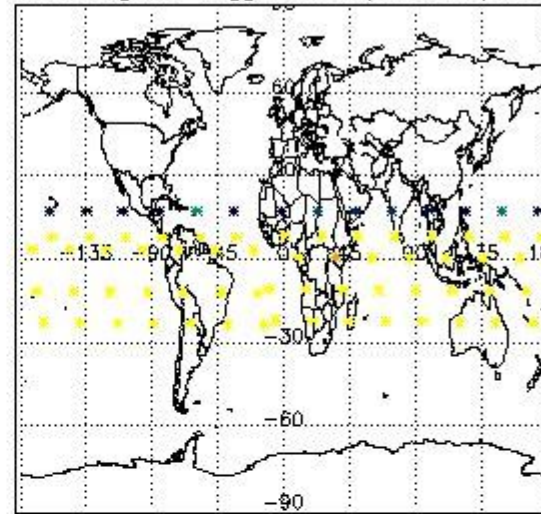
*3.2 Plot quality information per product (world map)*



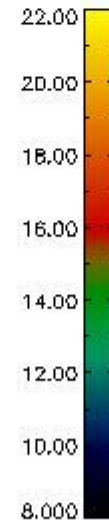
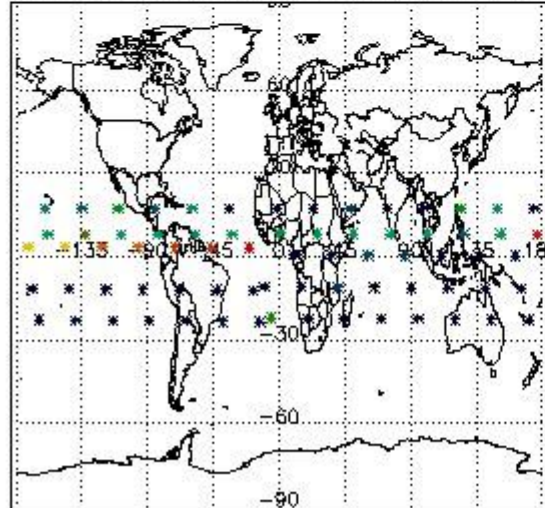
Percentage of flagged data per O3 profile



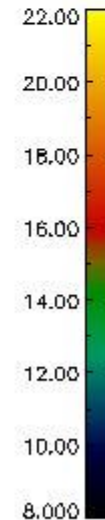
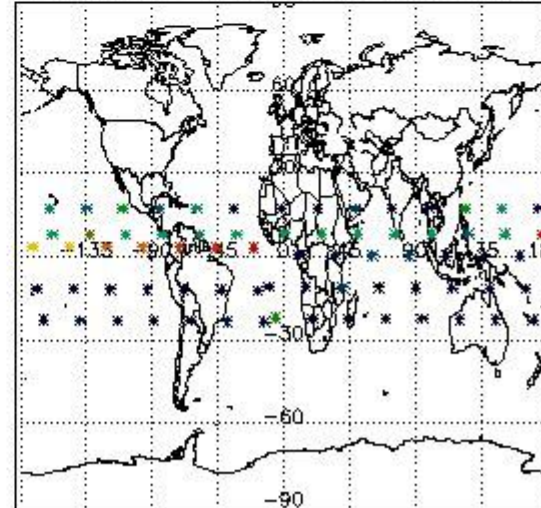
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



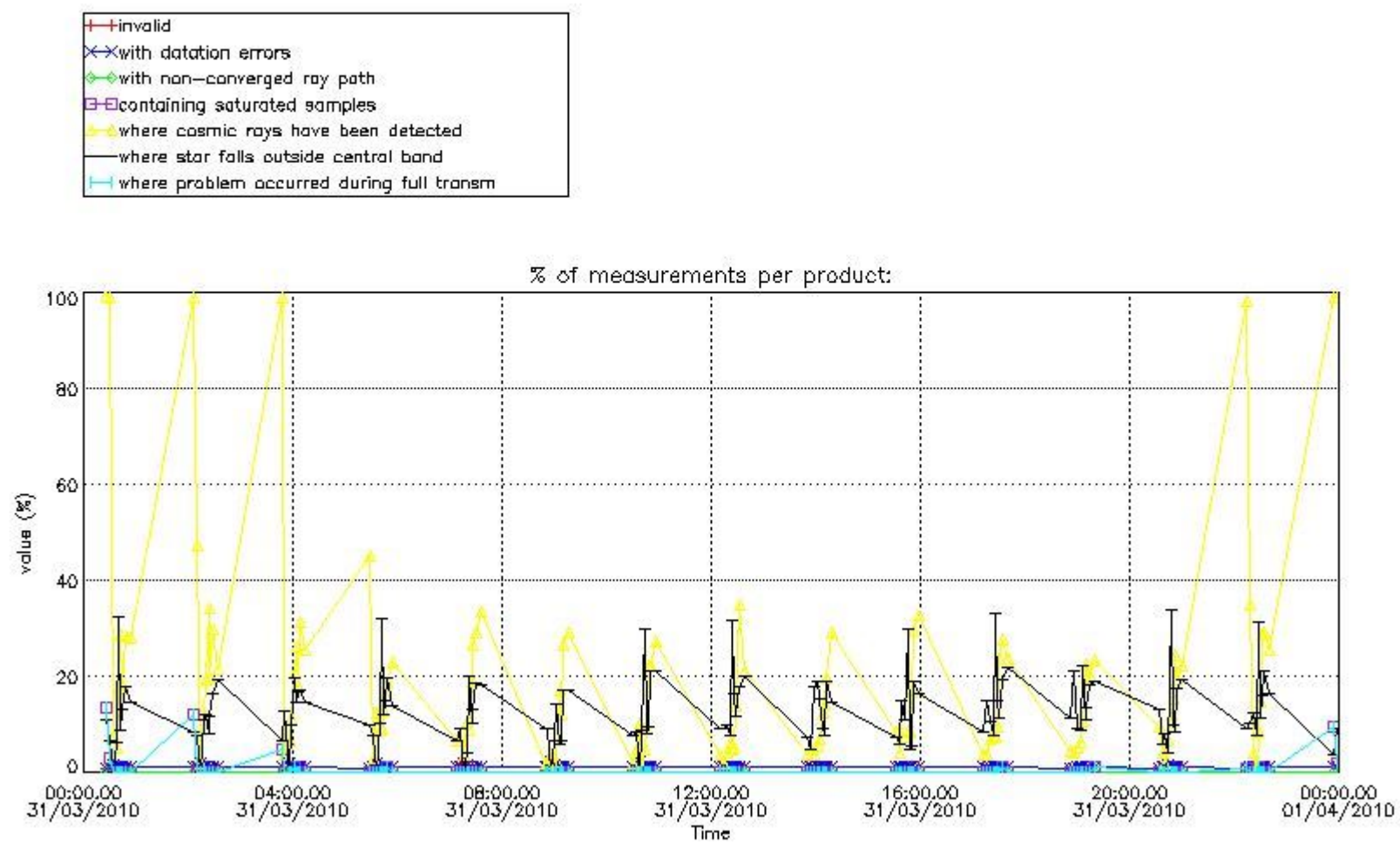
#### 4. Level 1 quality information per product

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.

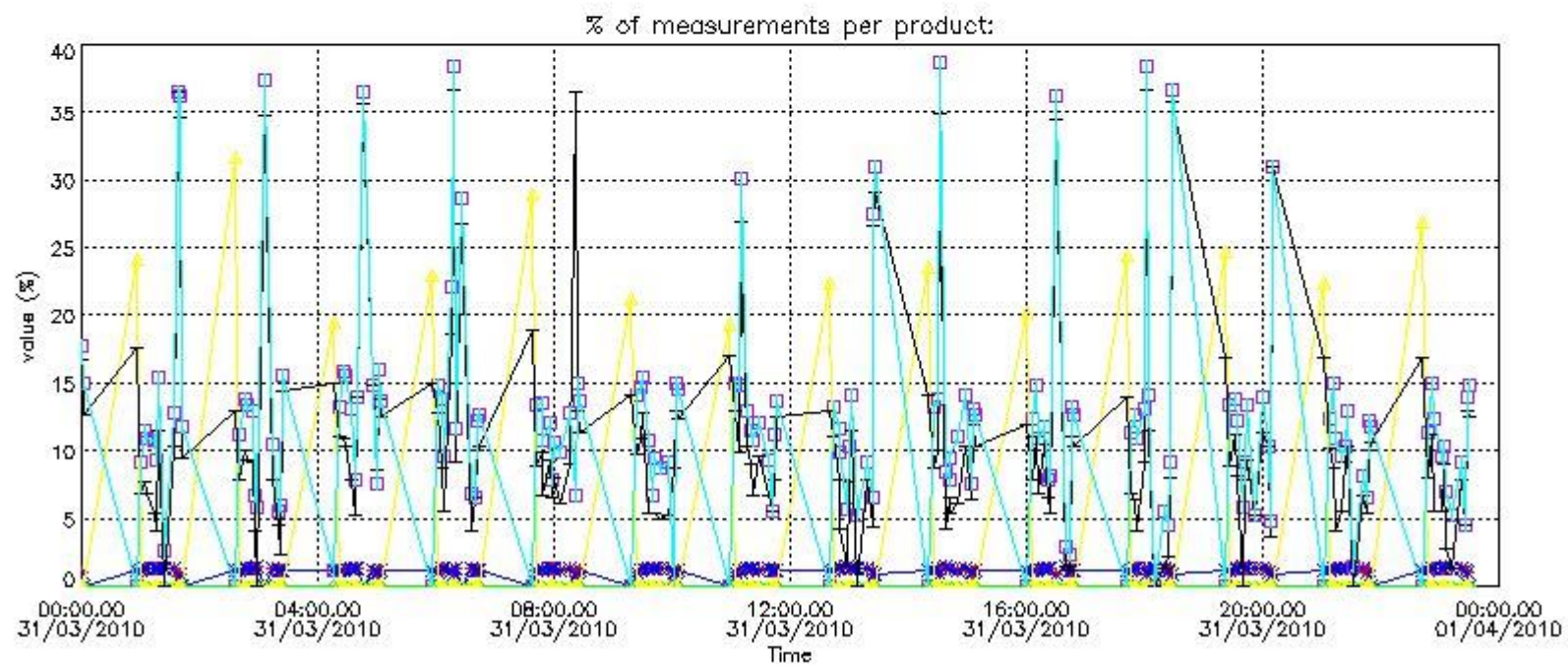
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





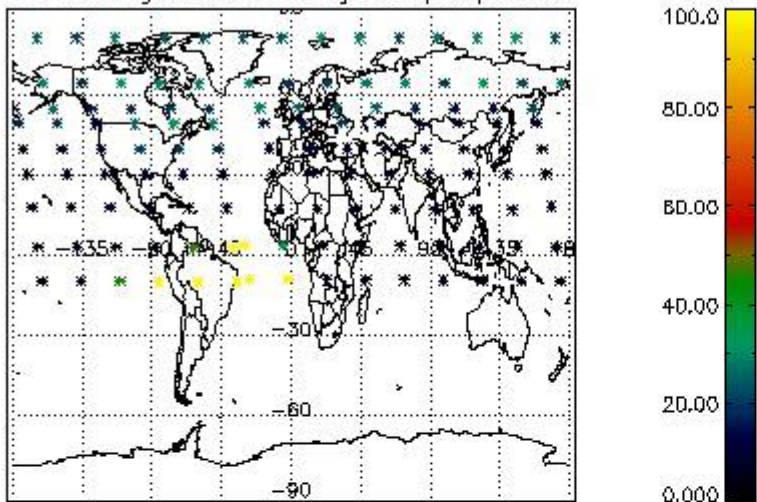
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



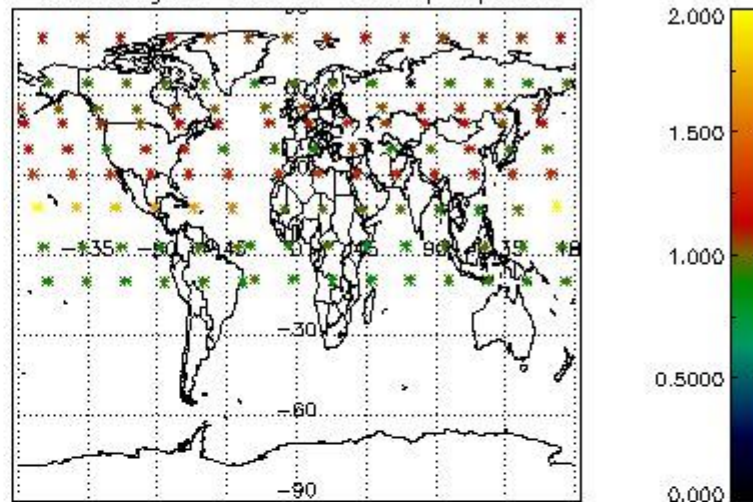
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

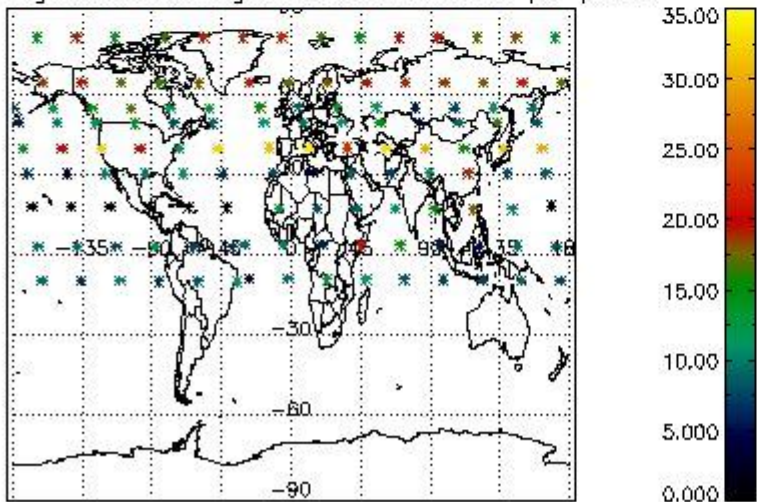
Percentage of cosmic ray hits per profile



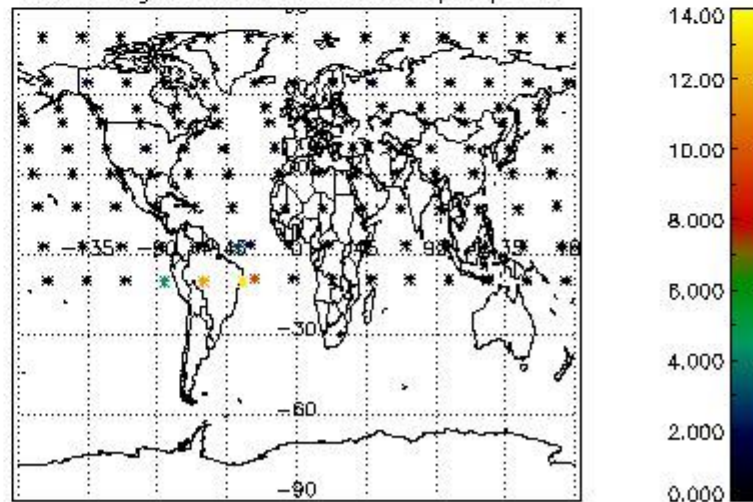
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

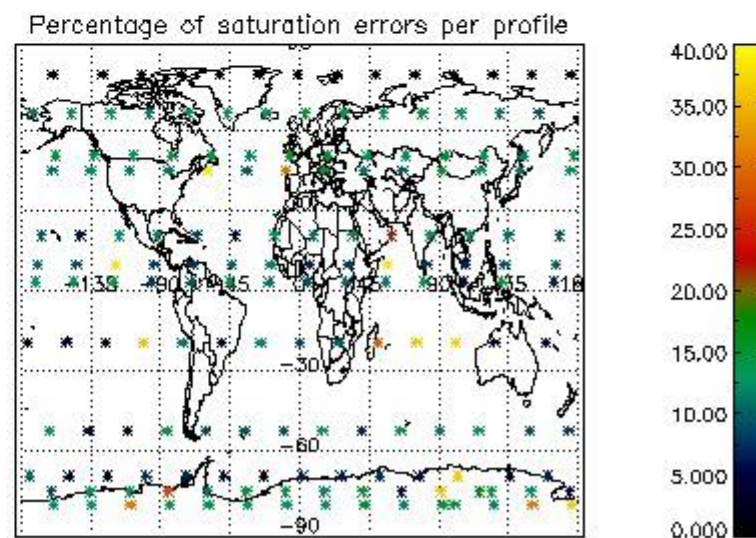
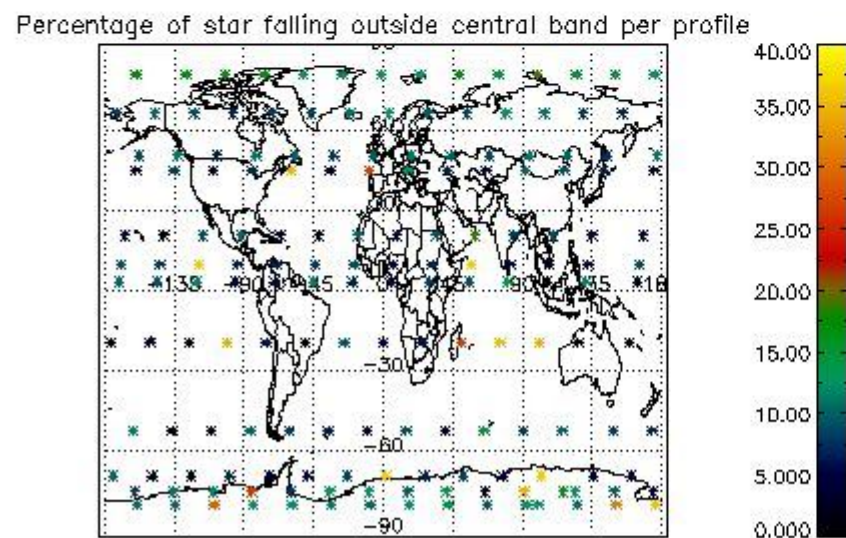
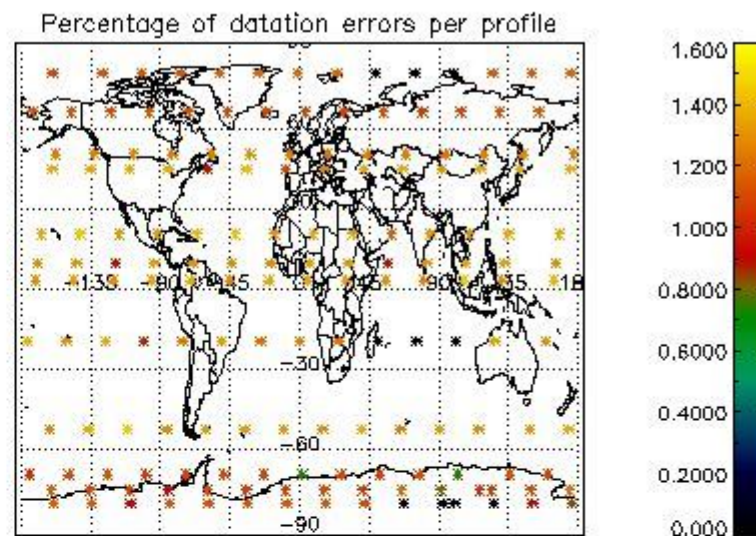
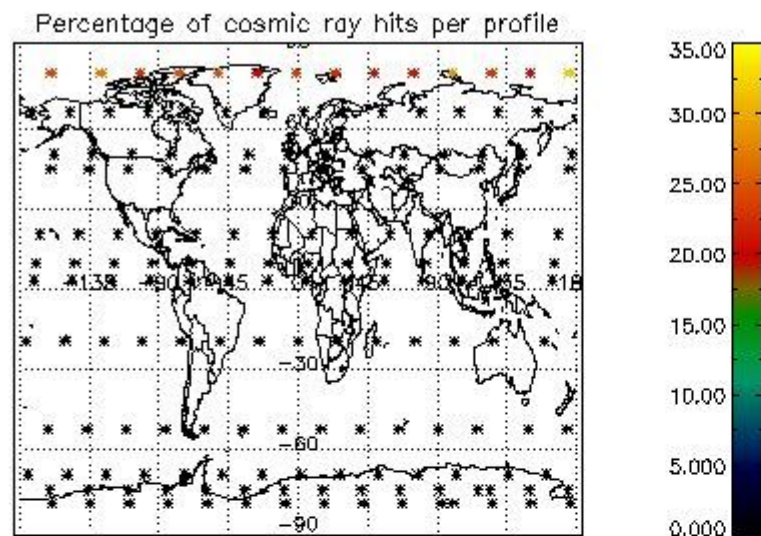


Percentage of saturation errors per profile



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.

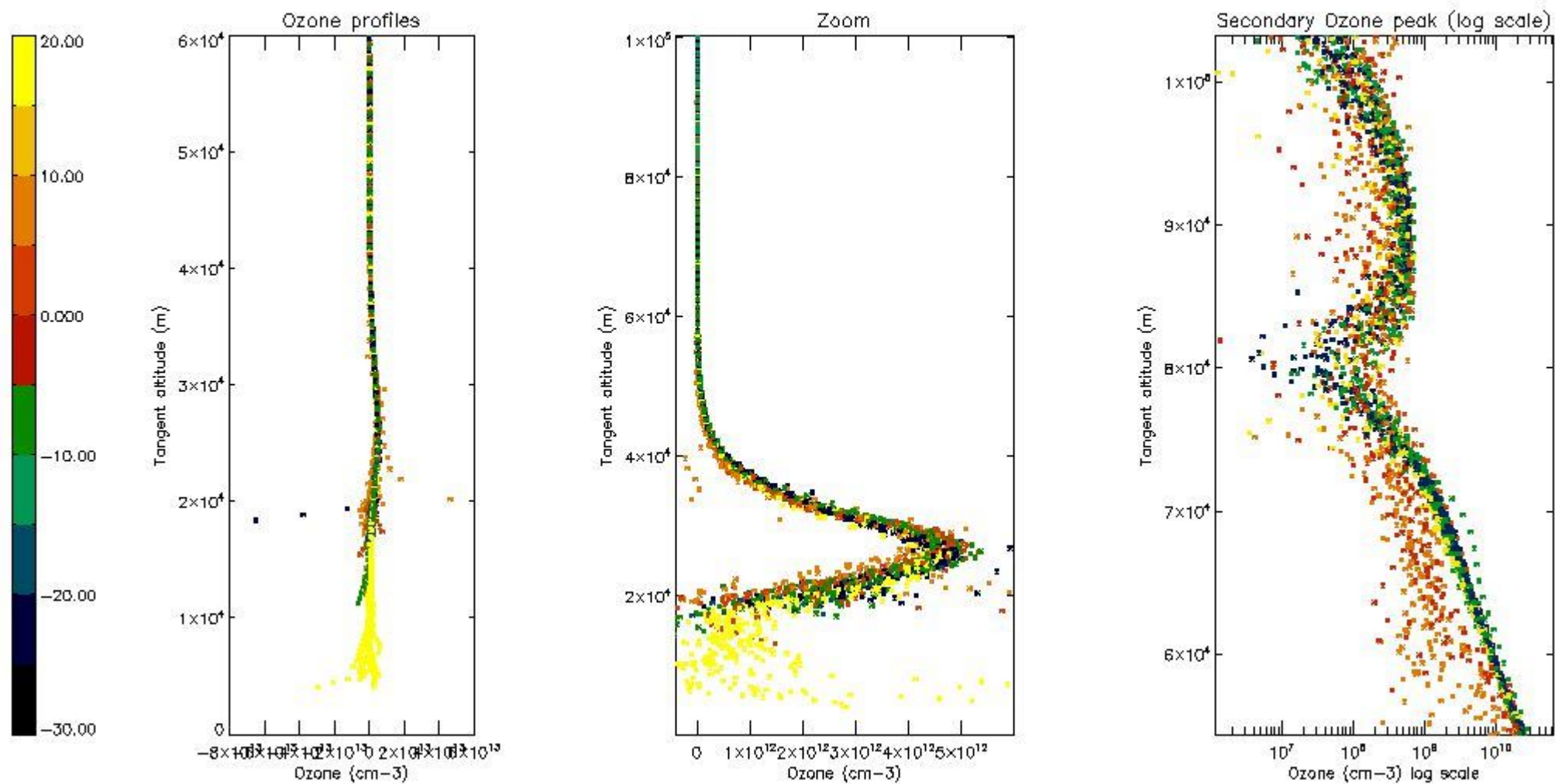
Criteria	% of total production
All STD	27
STD < 20	14



STD < 10	12
STD < 5	8

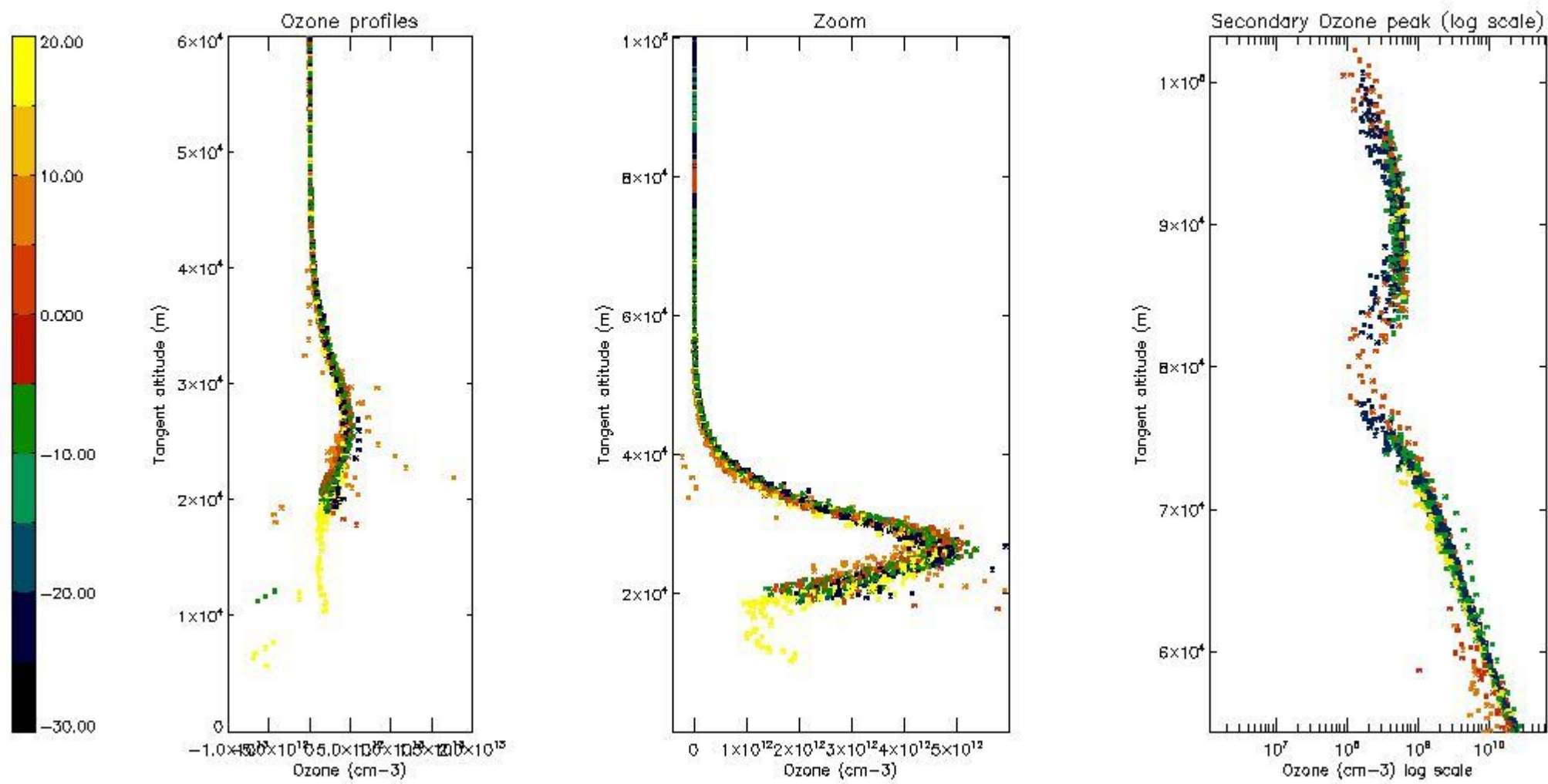
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



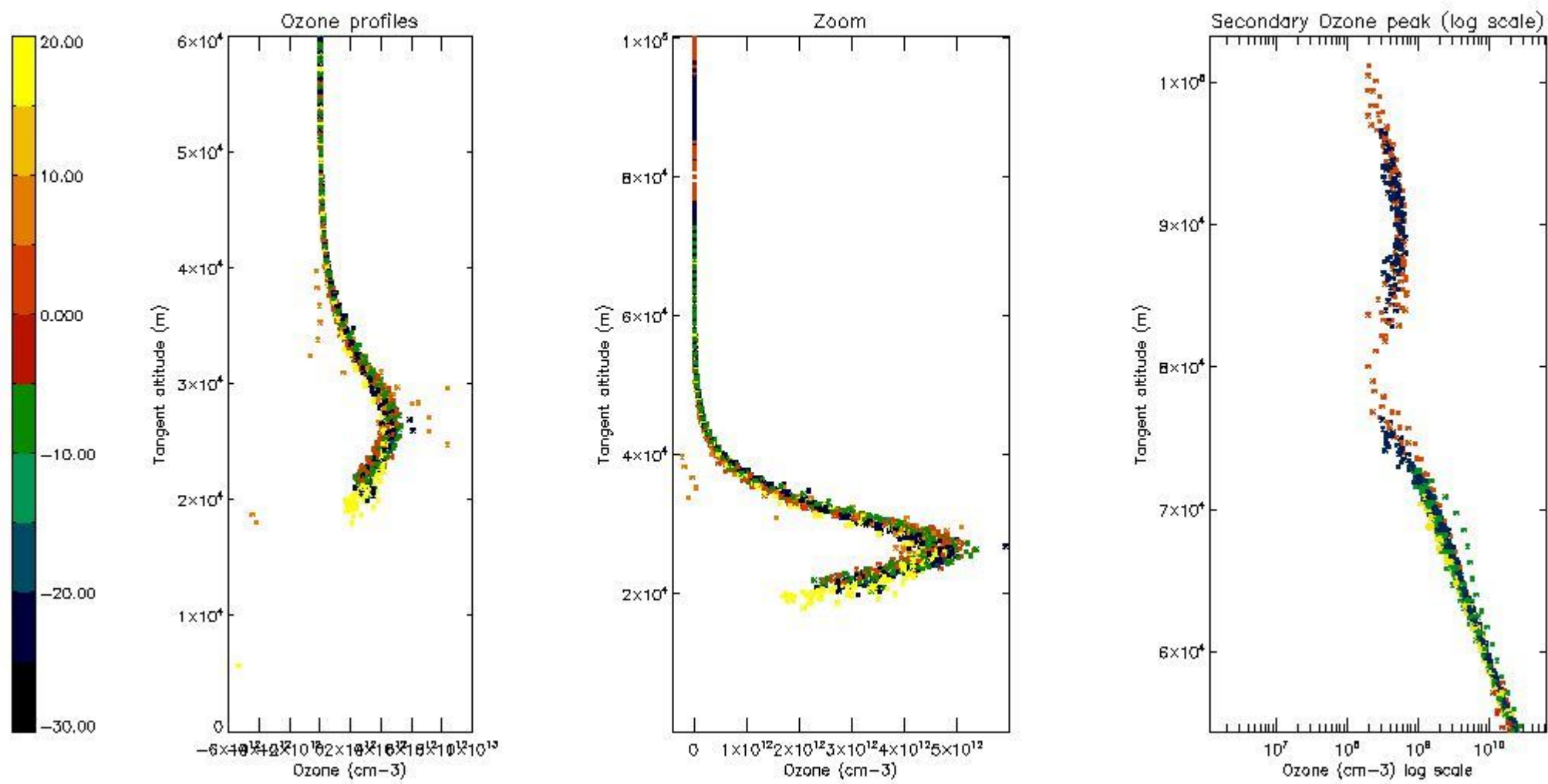
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



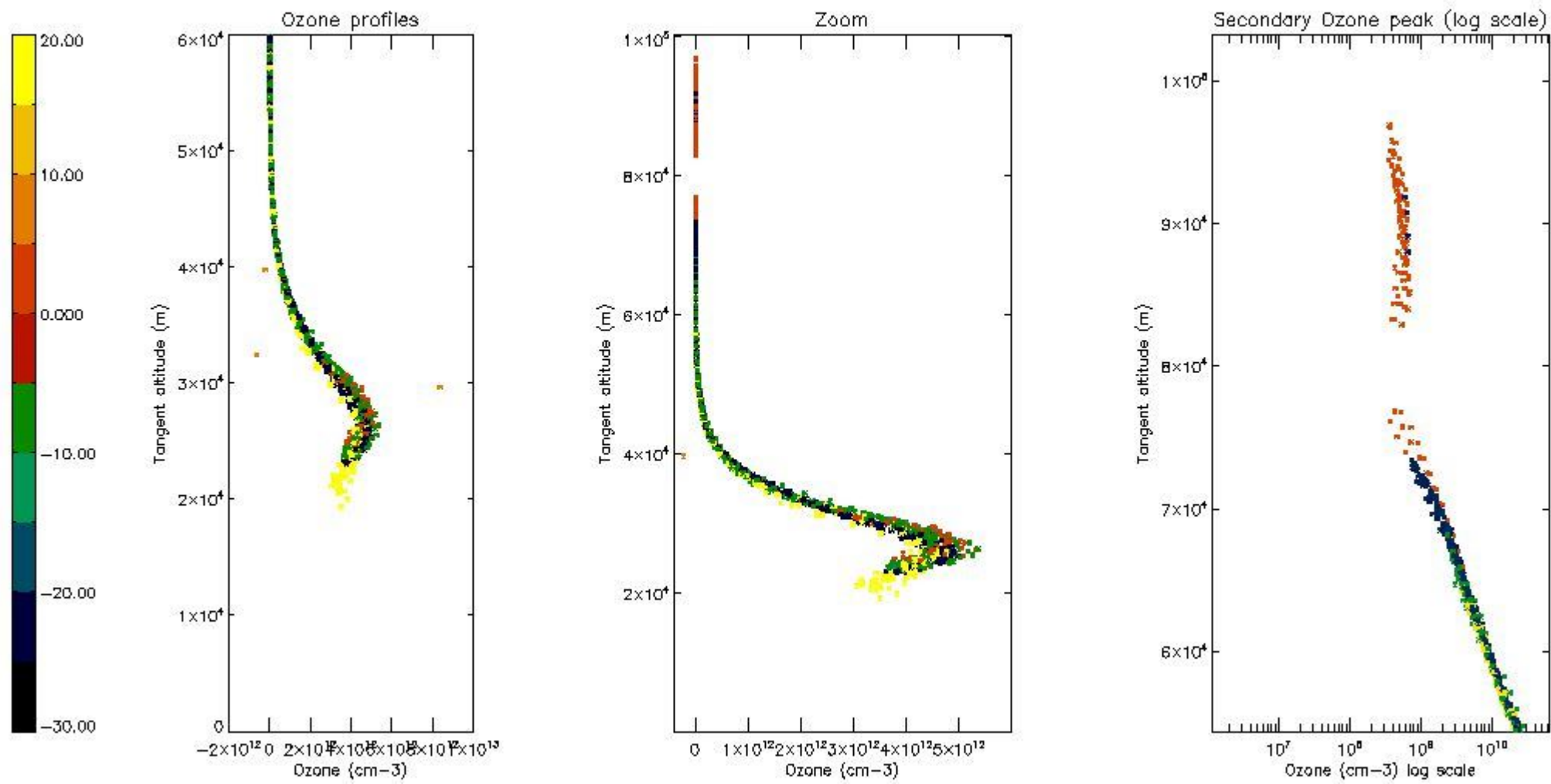
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

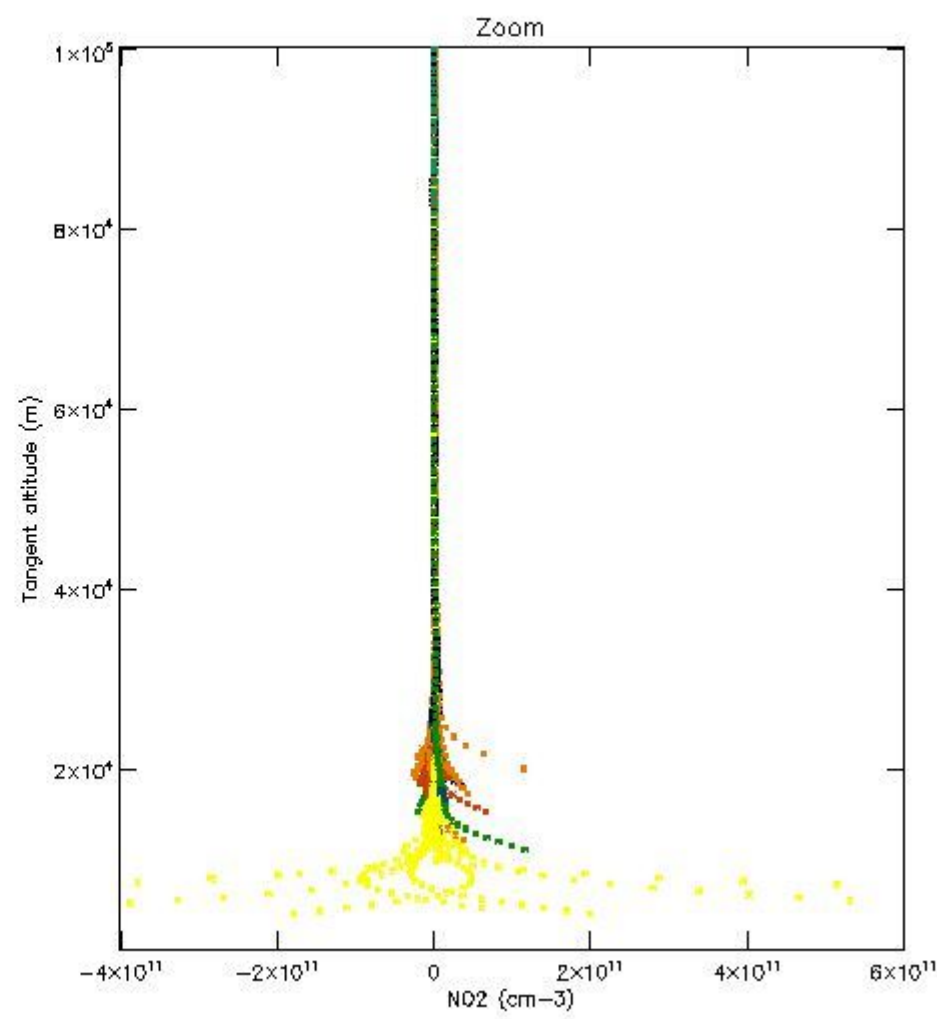
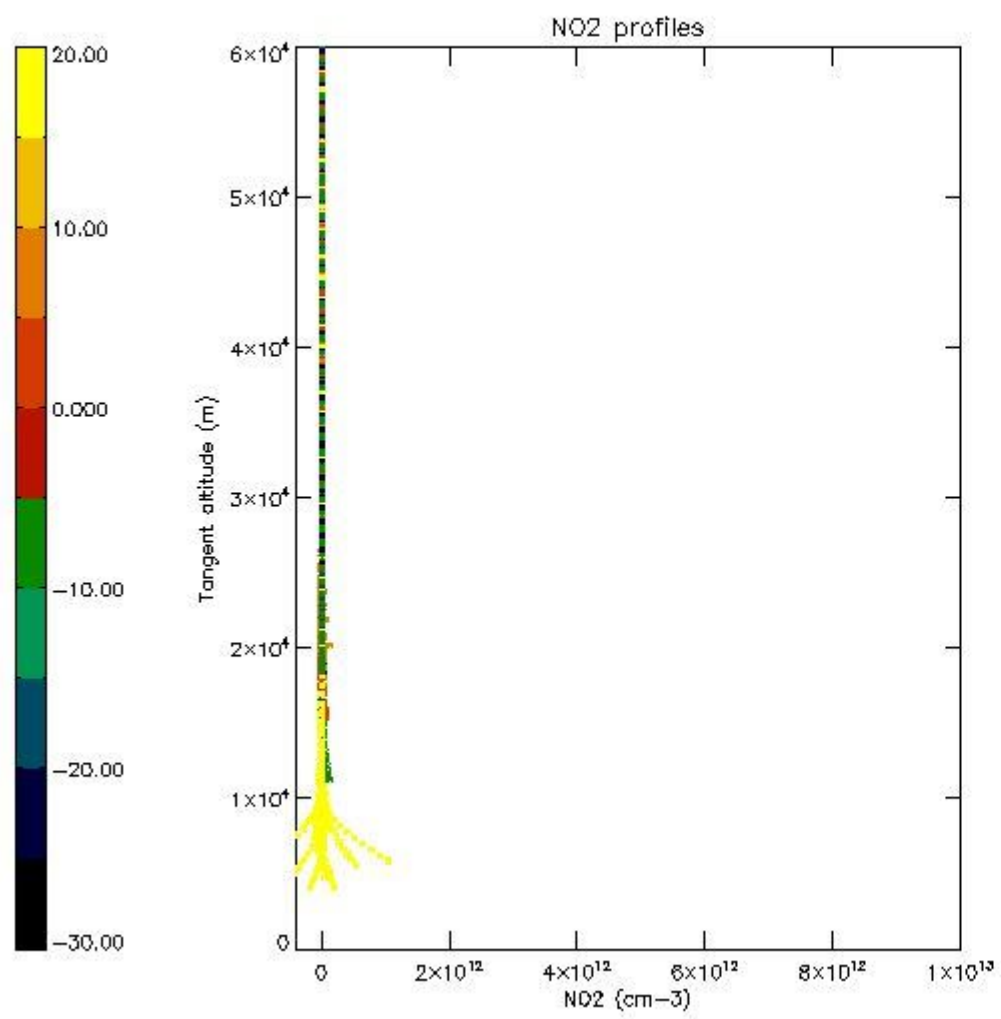
The colorbar represents the latitude.



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

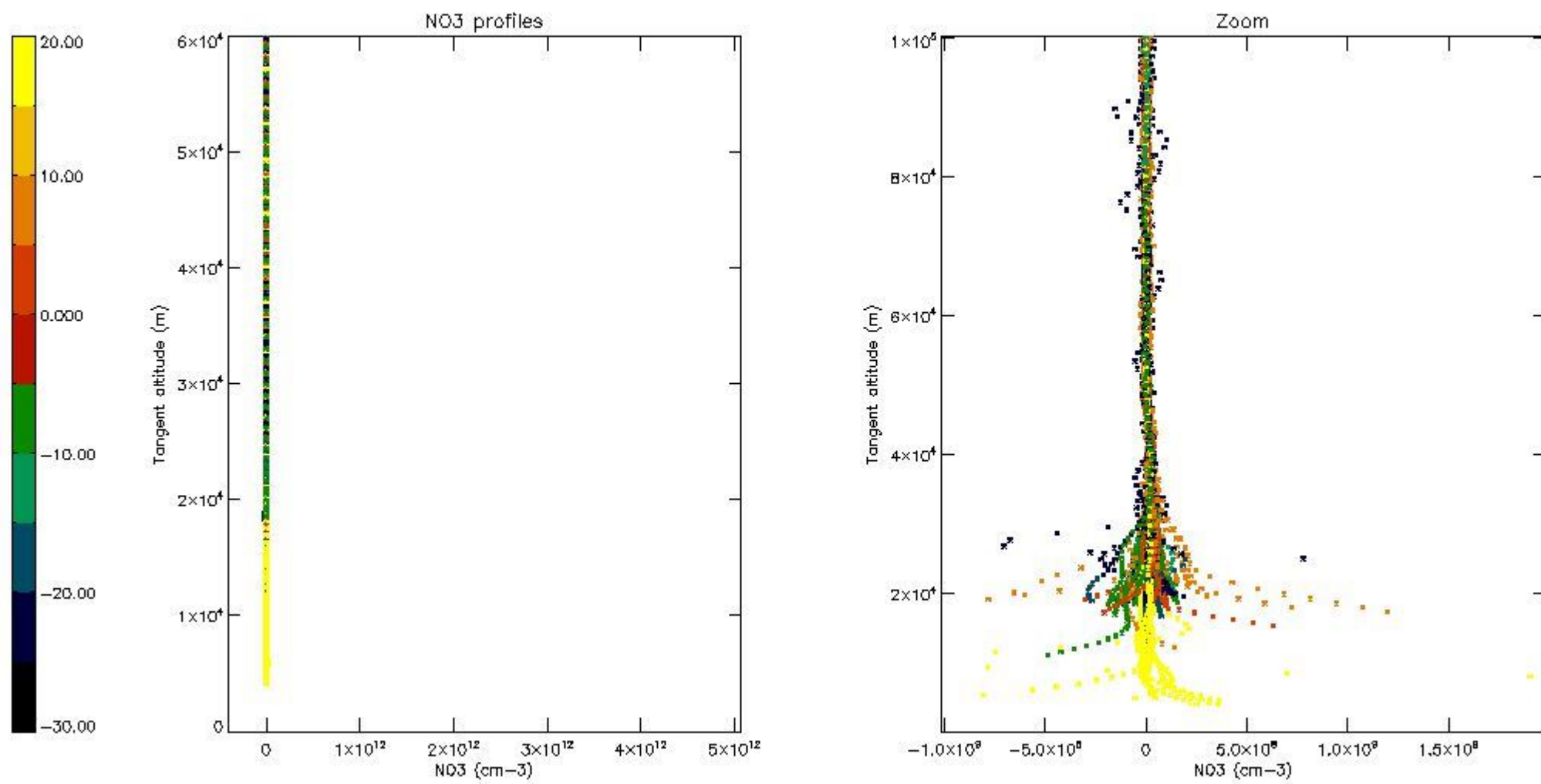
The colorbar represents the latitude.





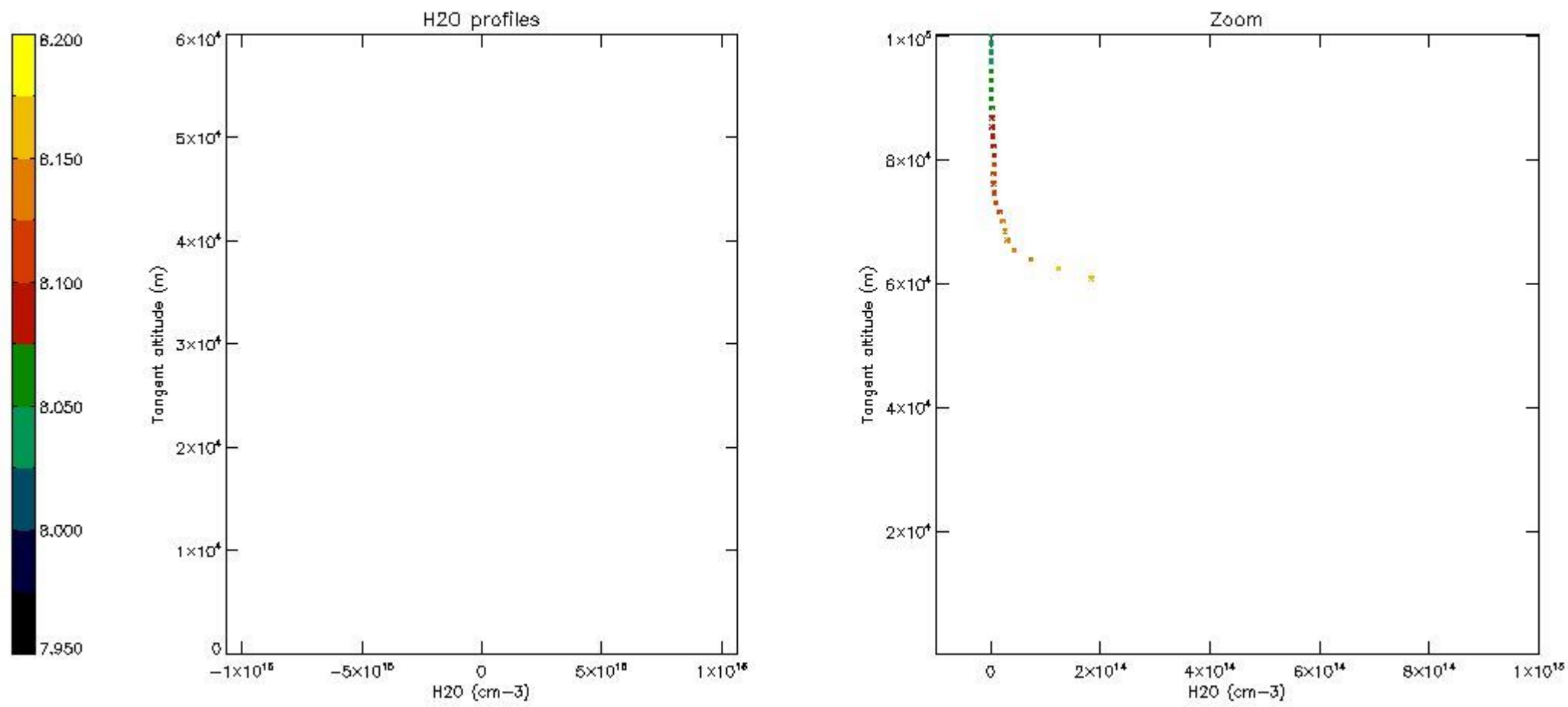
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)

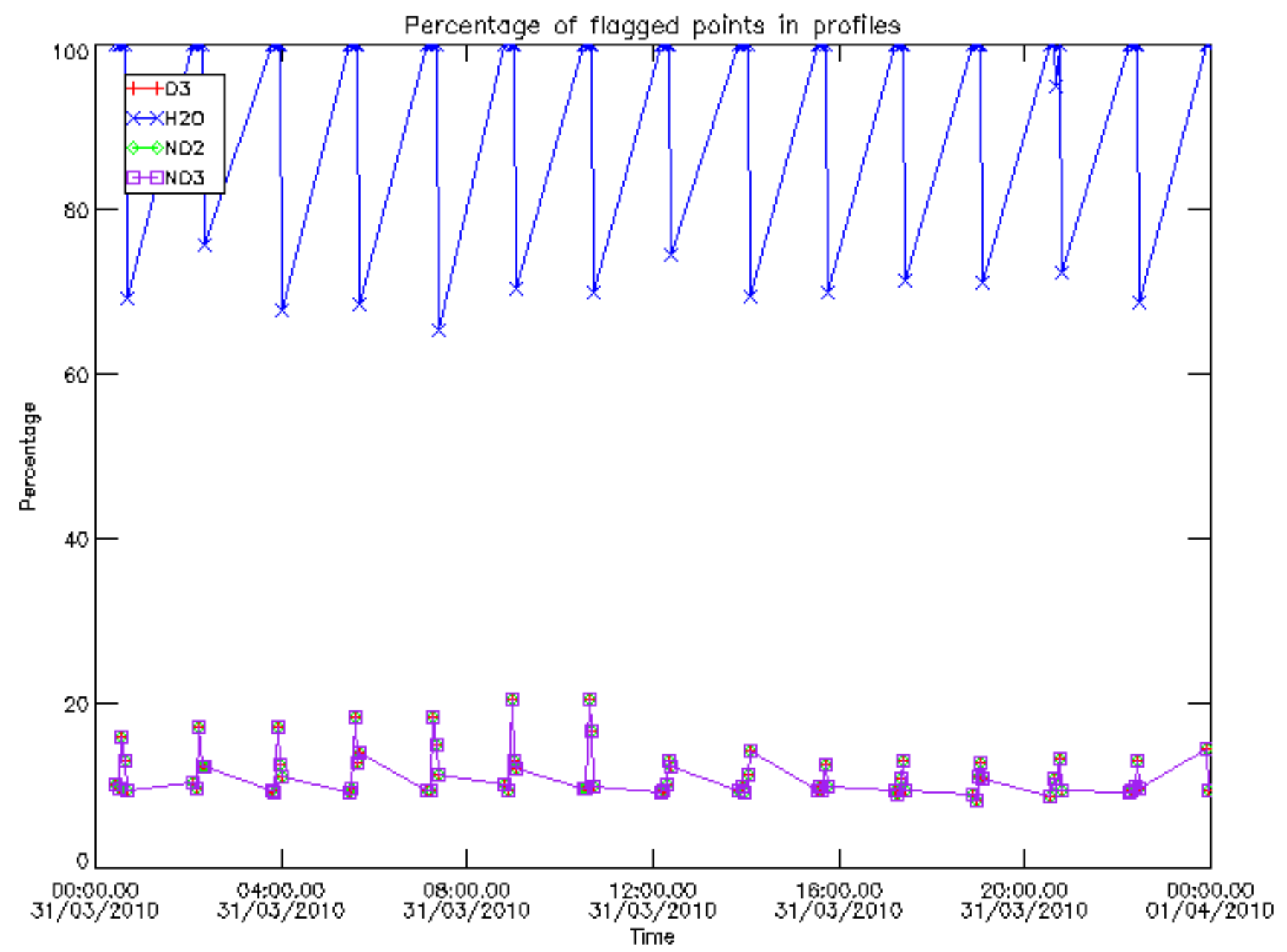
The colorbar represents the latitude.



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

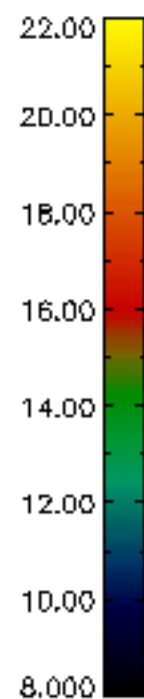
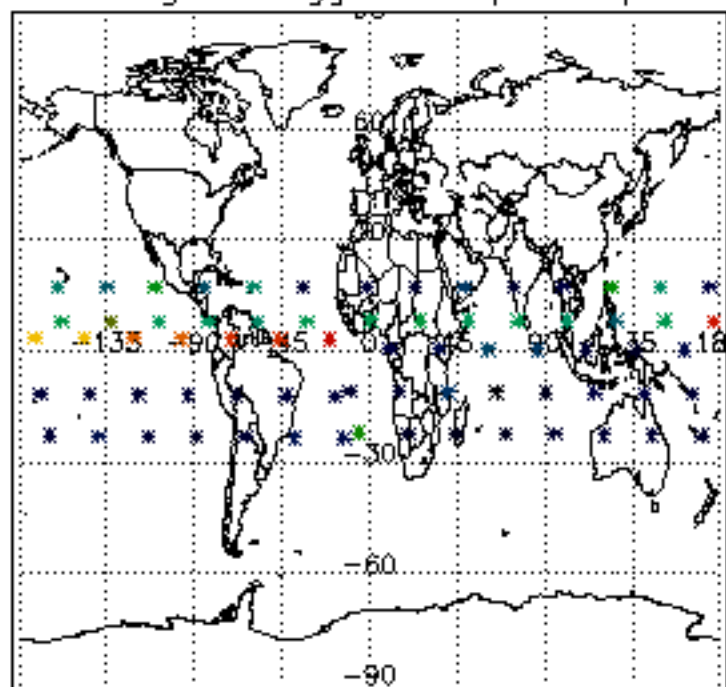
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-MAR-2010 00:00:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-MAR-2010 00:00:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-MAR-2010 00:00:06

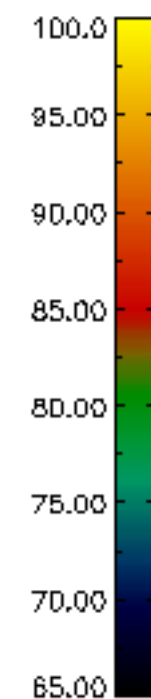
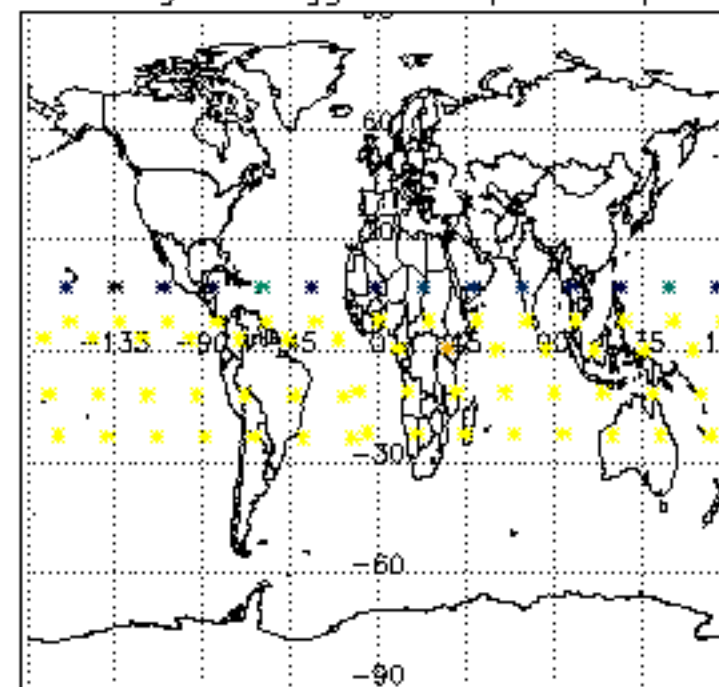




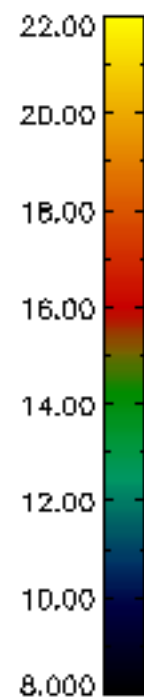
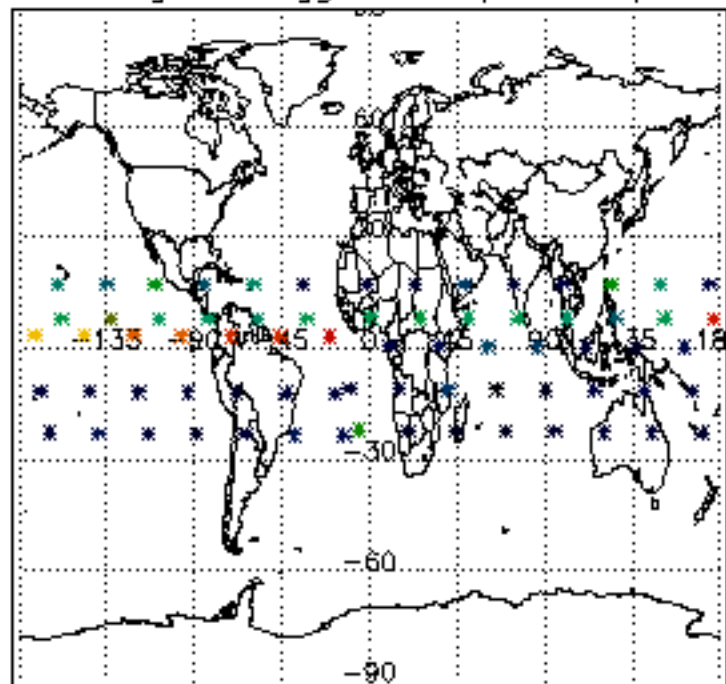
Percentage of flagged data per D3 profile



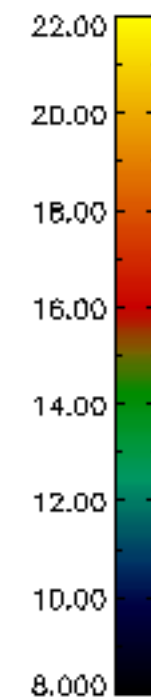
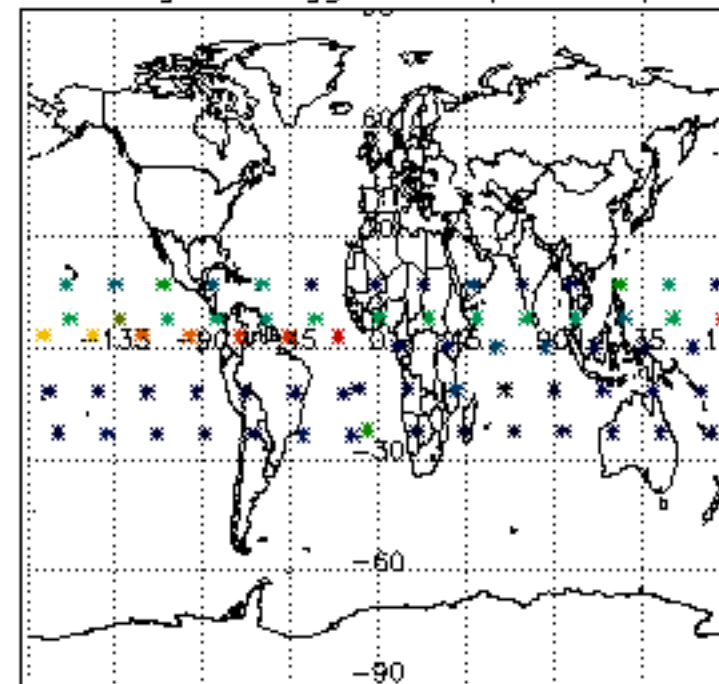
Percentage of flagged data per H2O profile

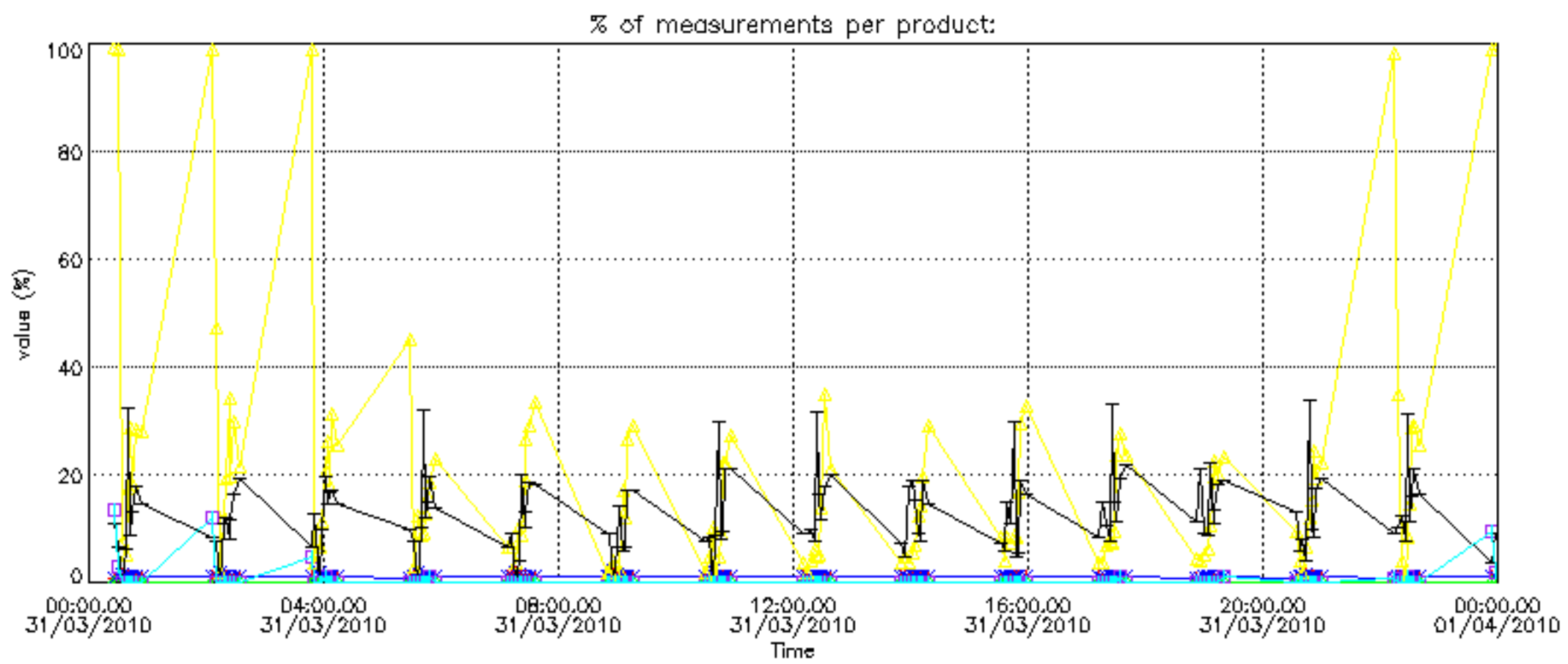


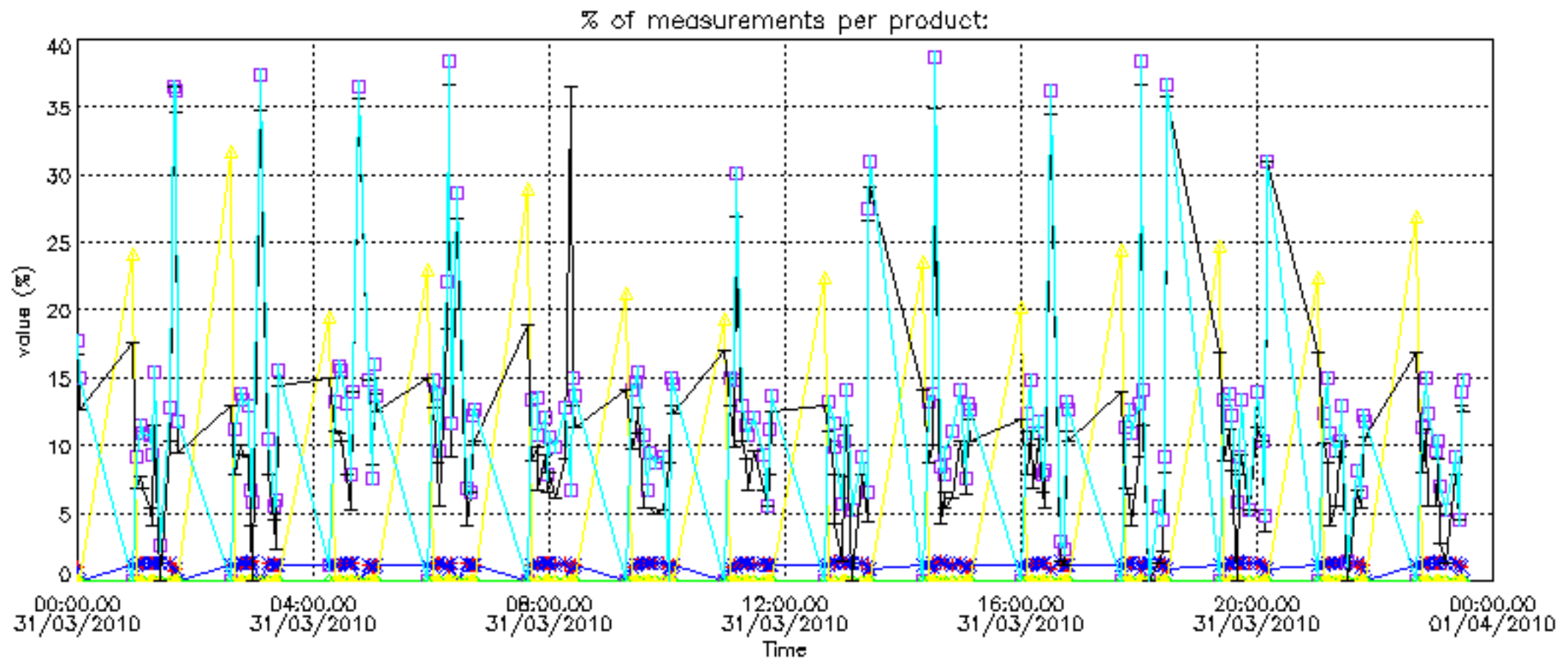
Percentage of flagged data per NO2 profile



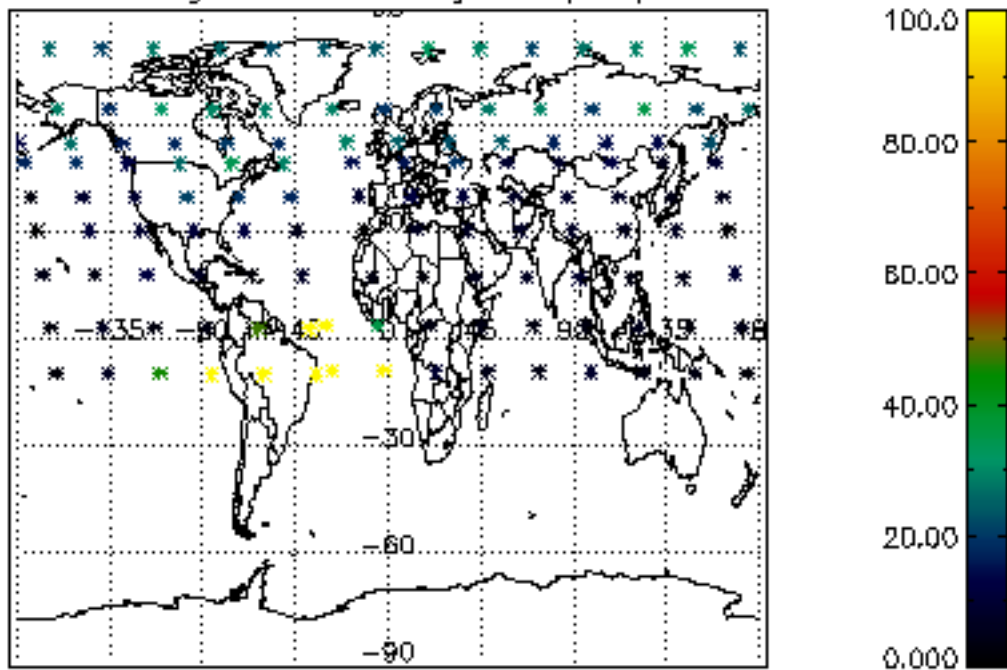
Percentage of flagged data per NO3 profile



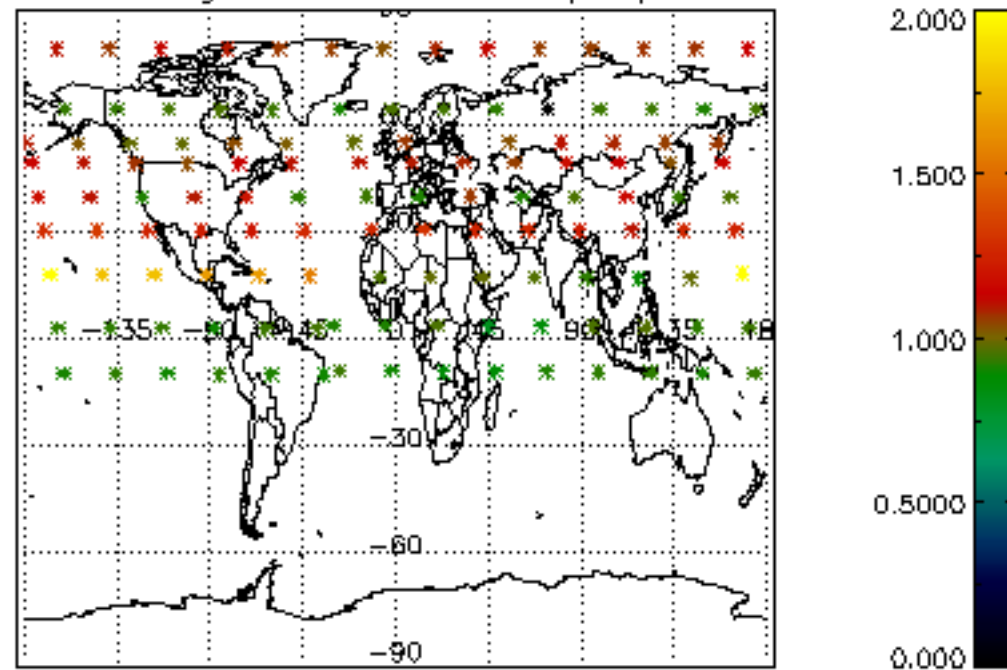




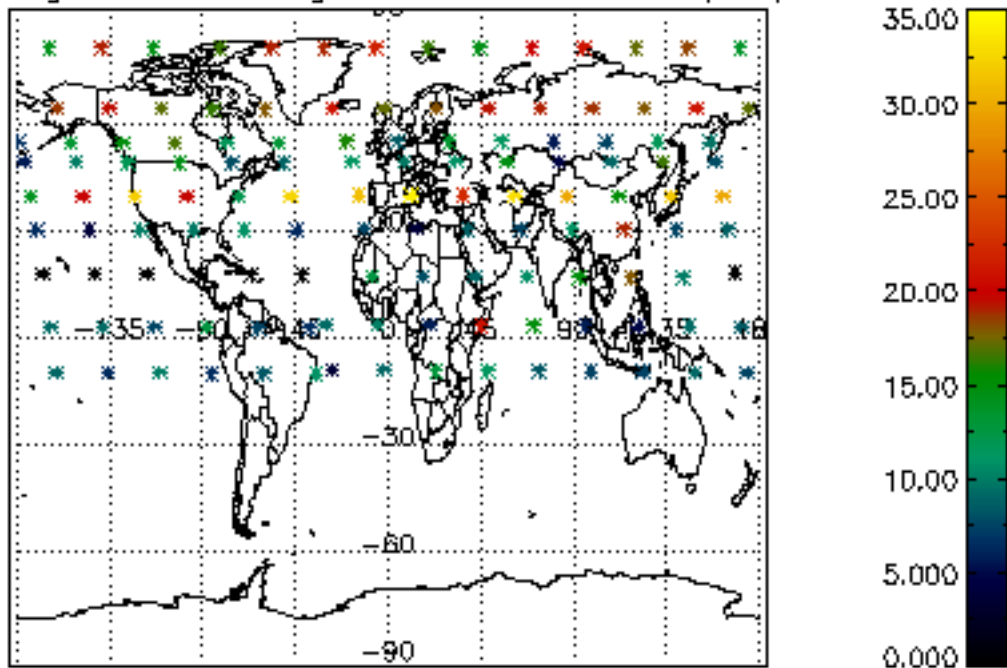
Percentage of cosmic ray hits per profile



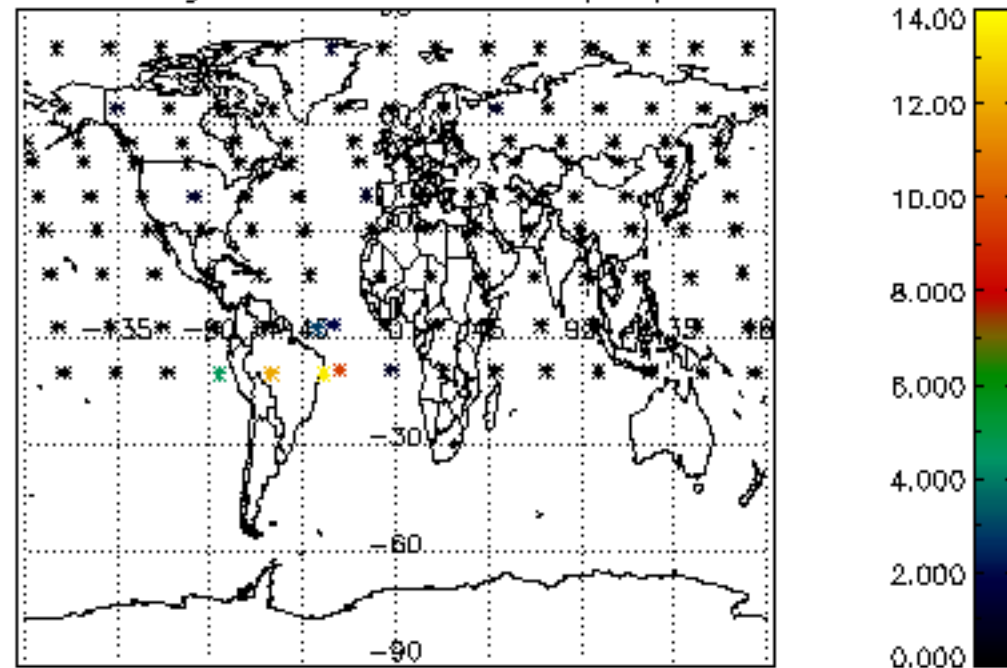
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

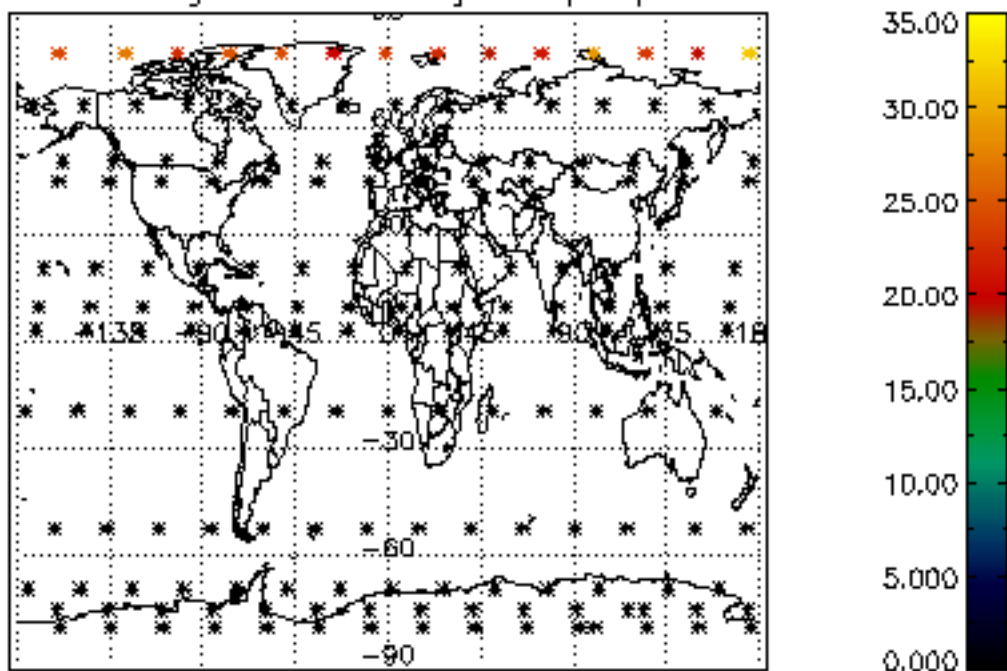


Percentage of saturation errors per profile

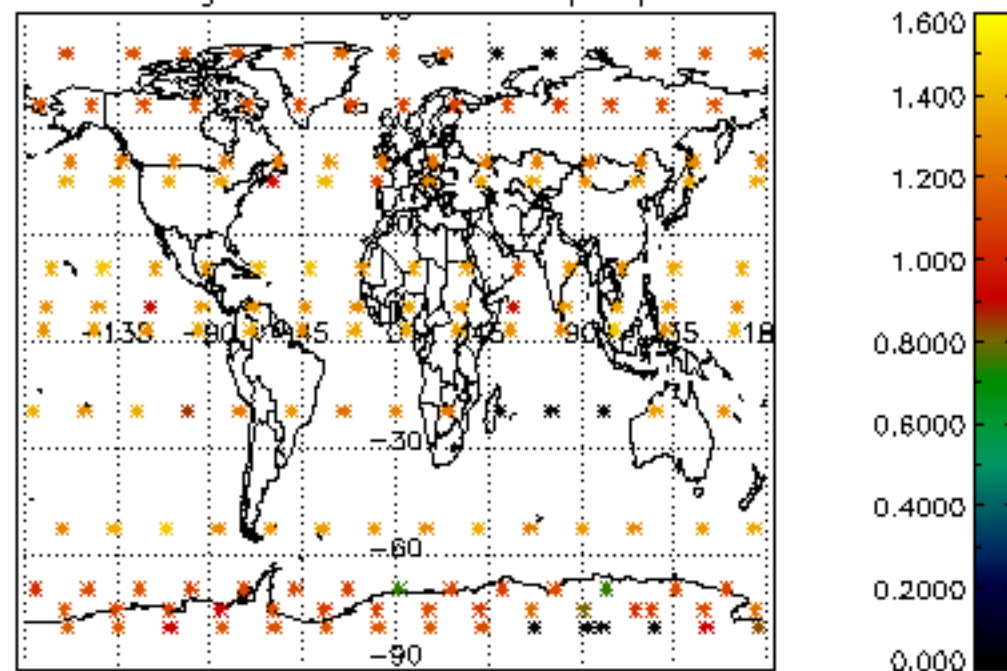




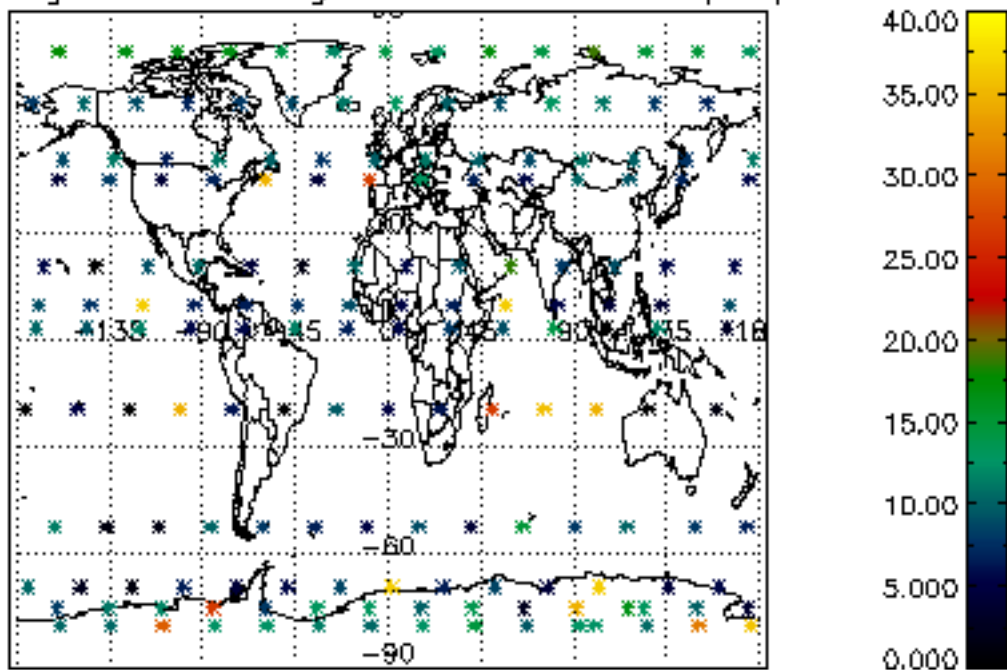
Percentage of cosmic ray hits per profile



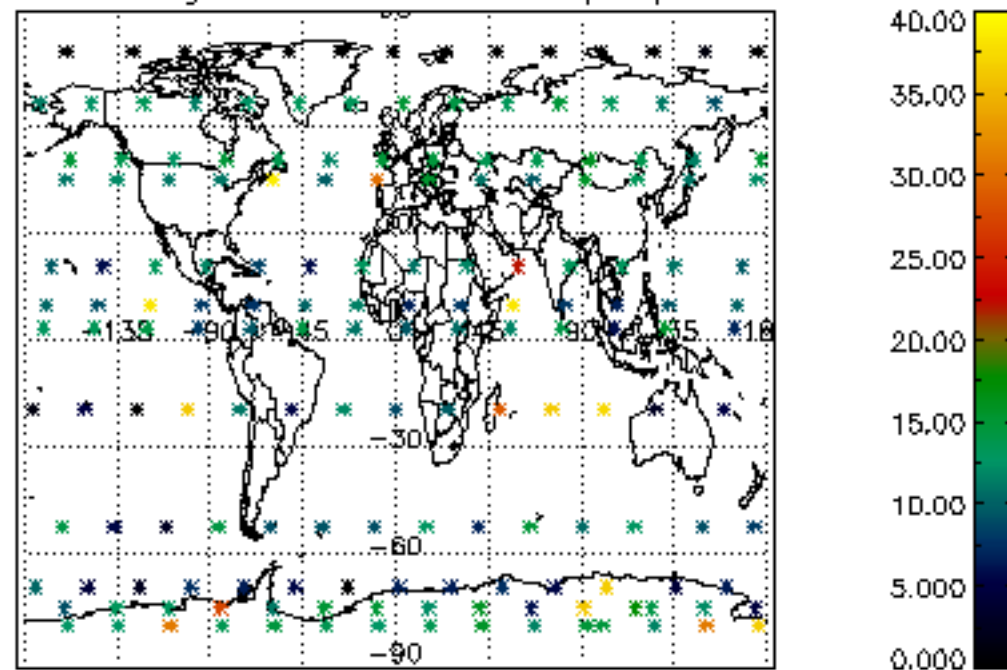
Percentage of datation errors per profile

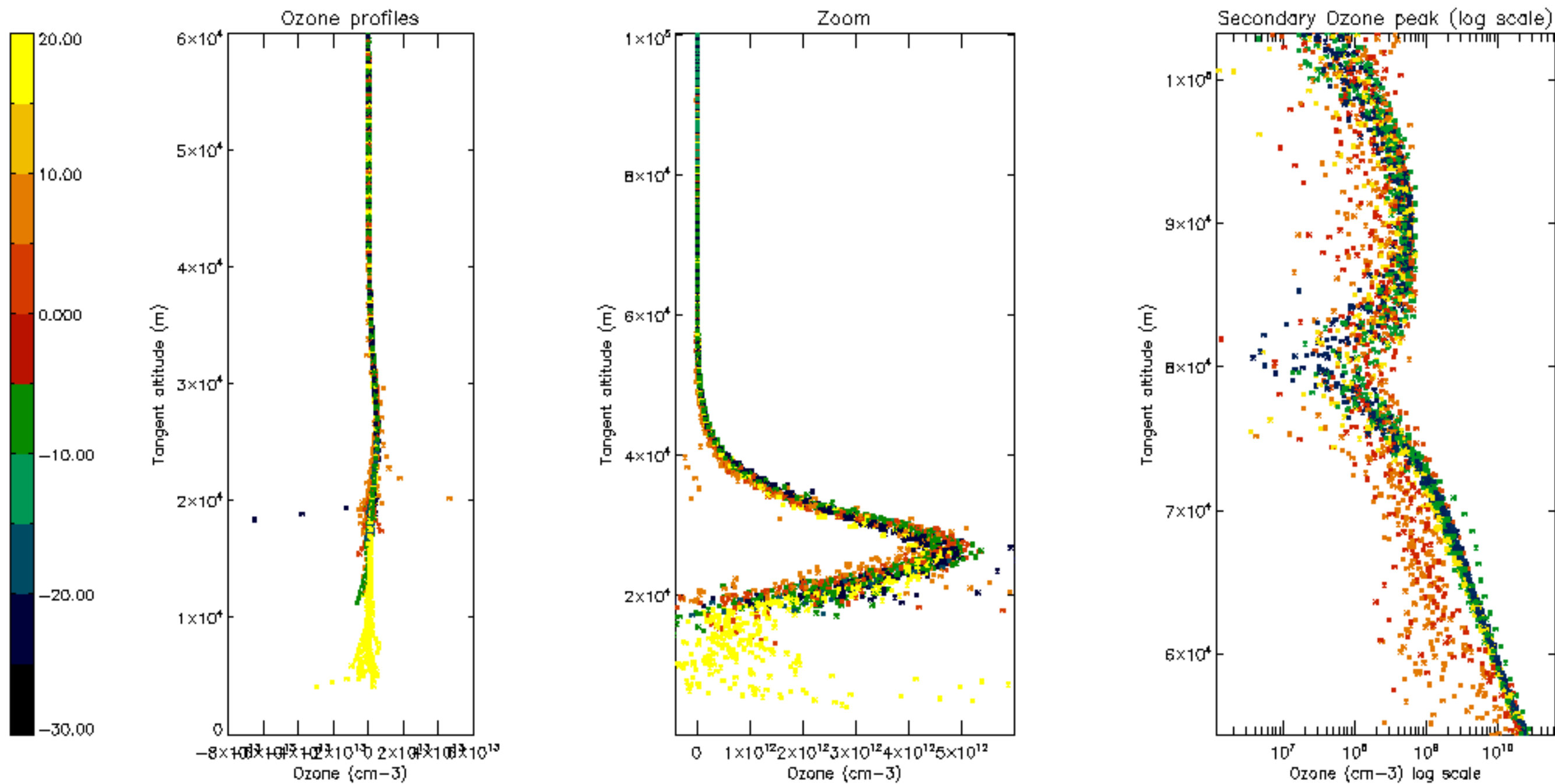


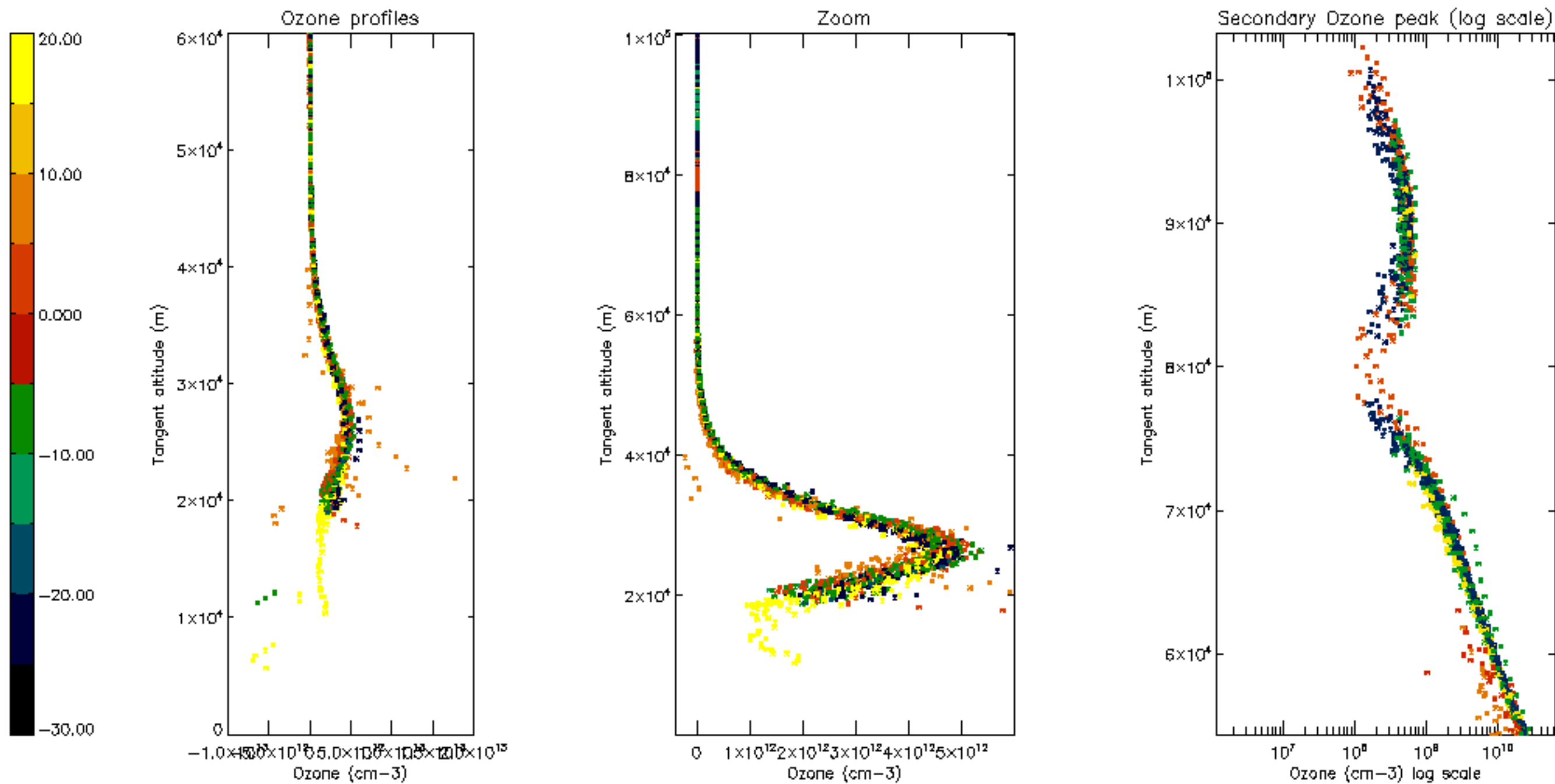
Percentage of star falling outside central band per profile

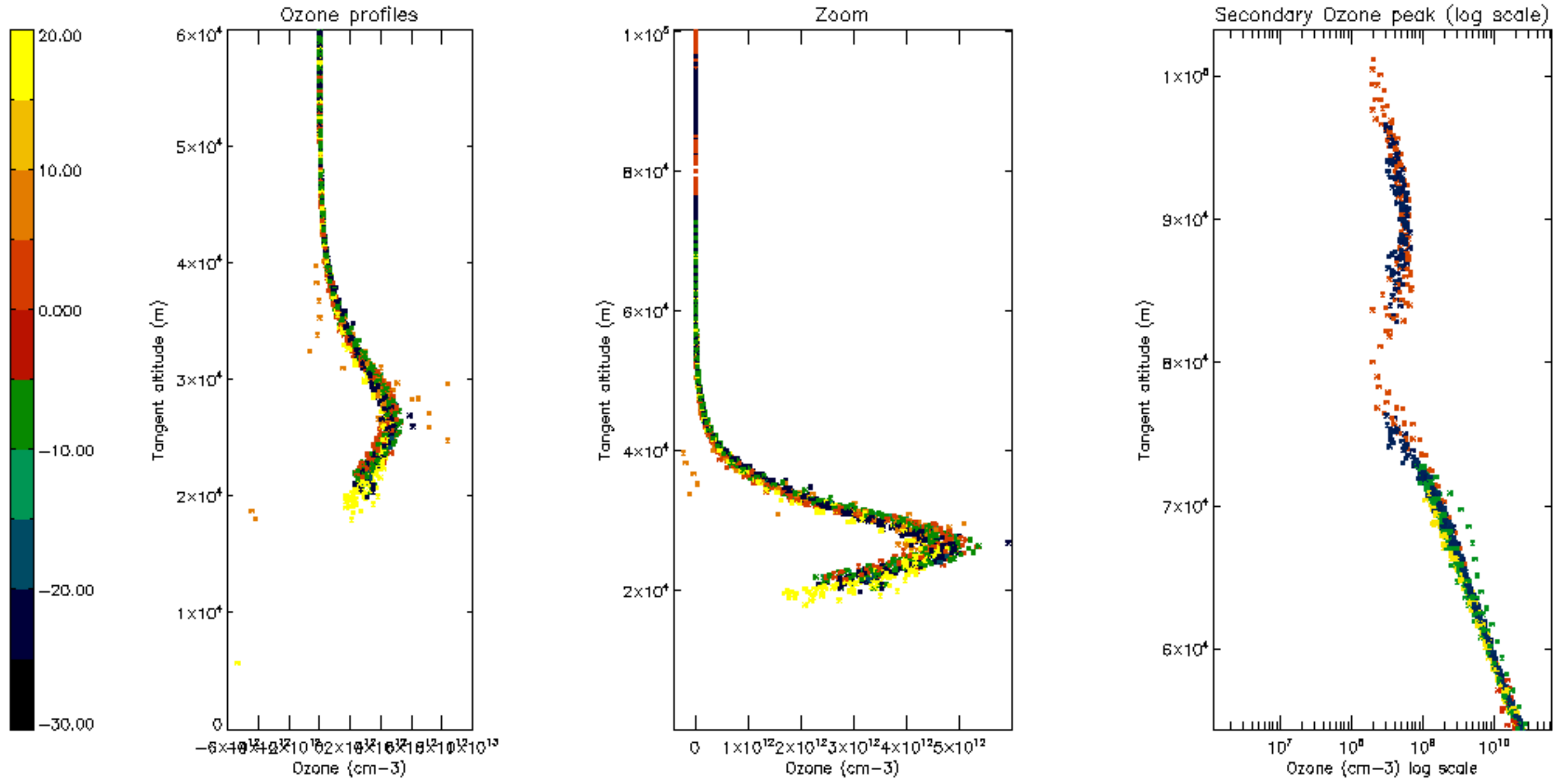


Percentage of saturation errors per profile

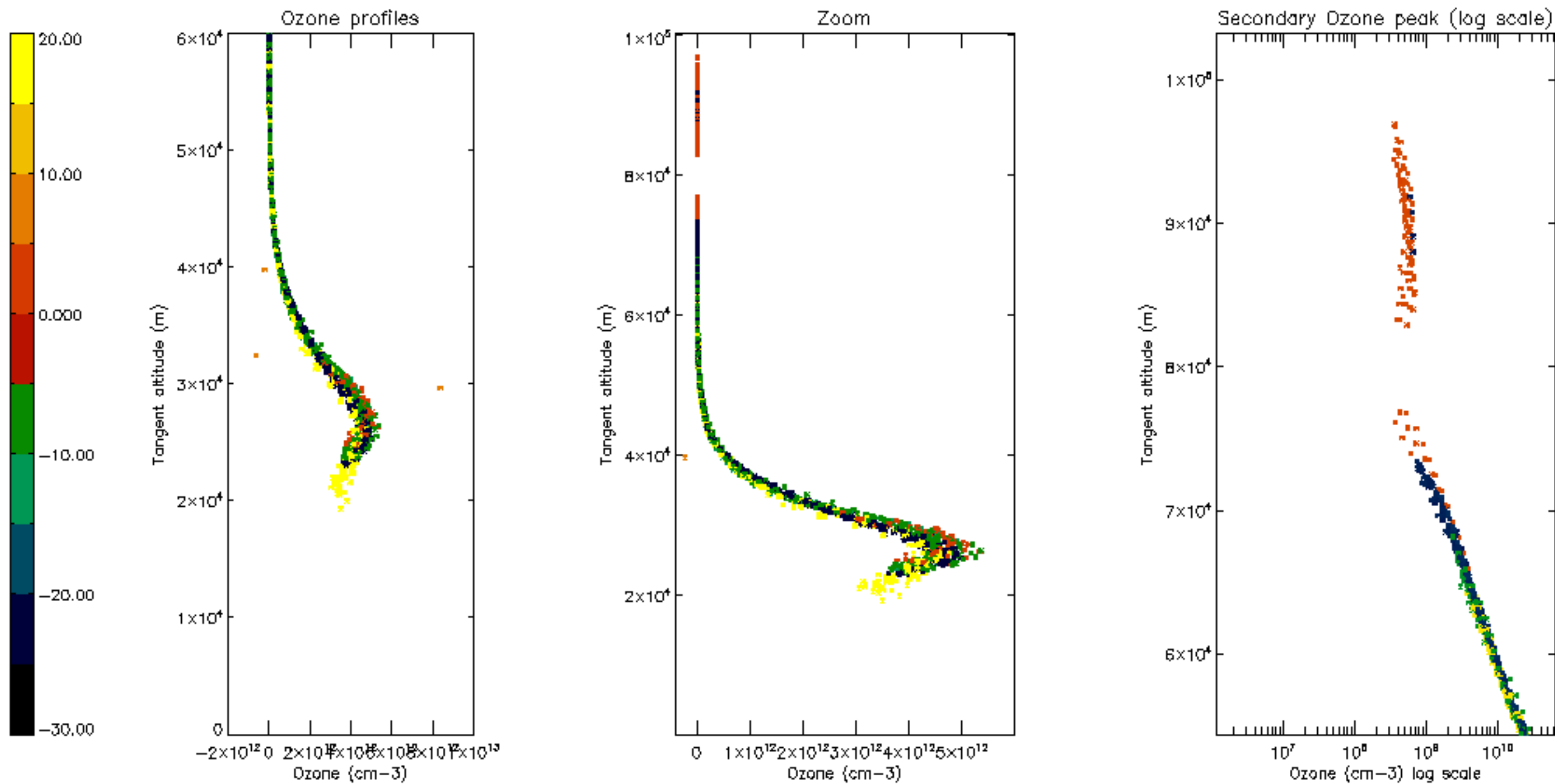


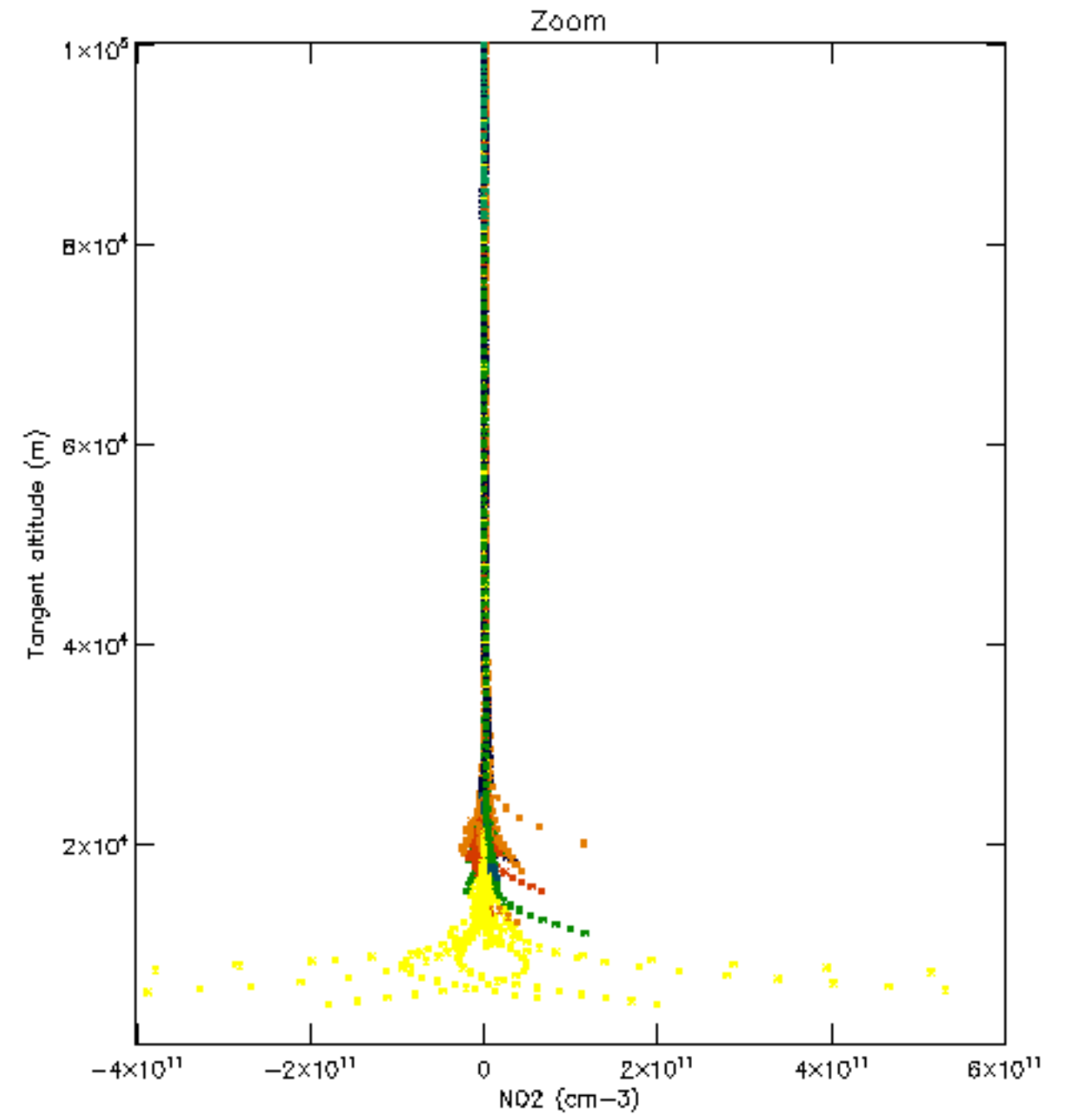
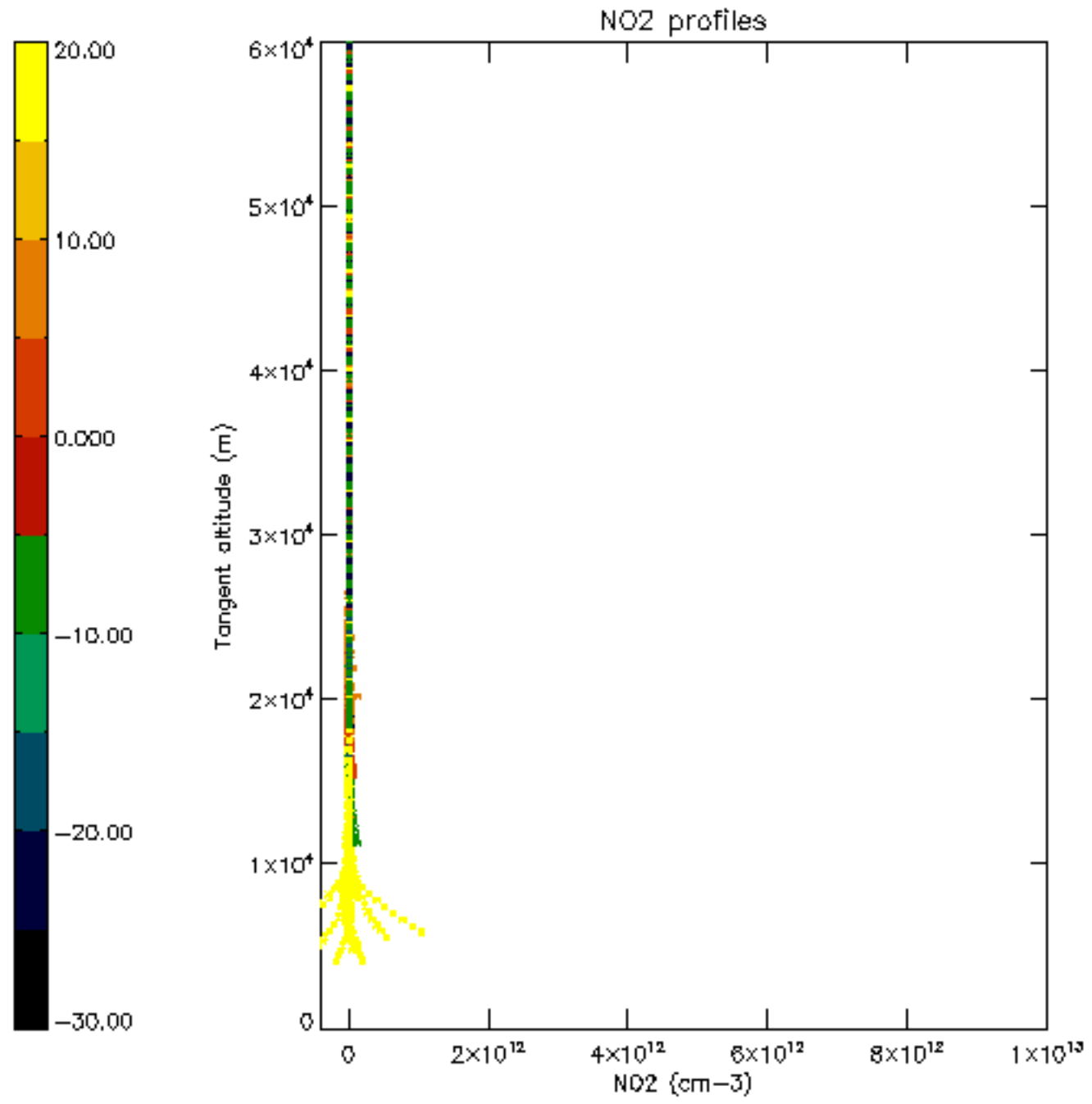


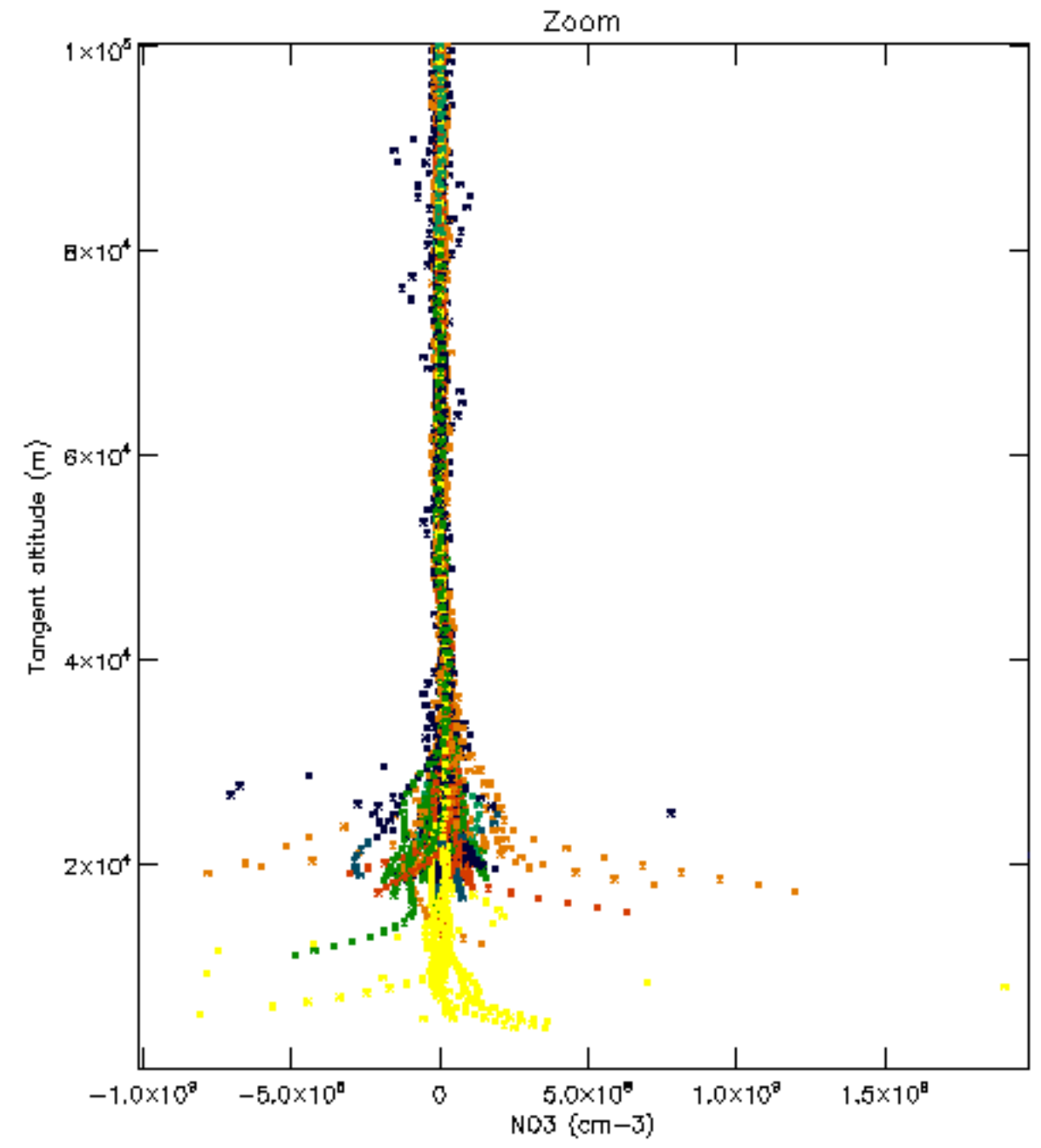
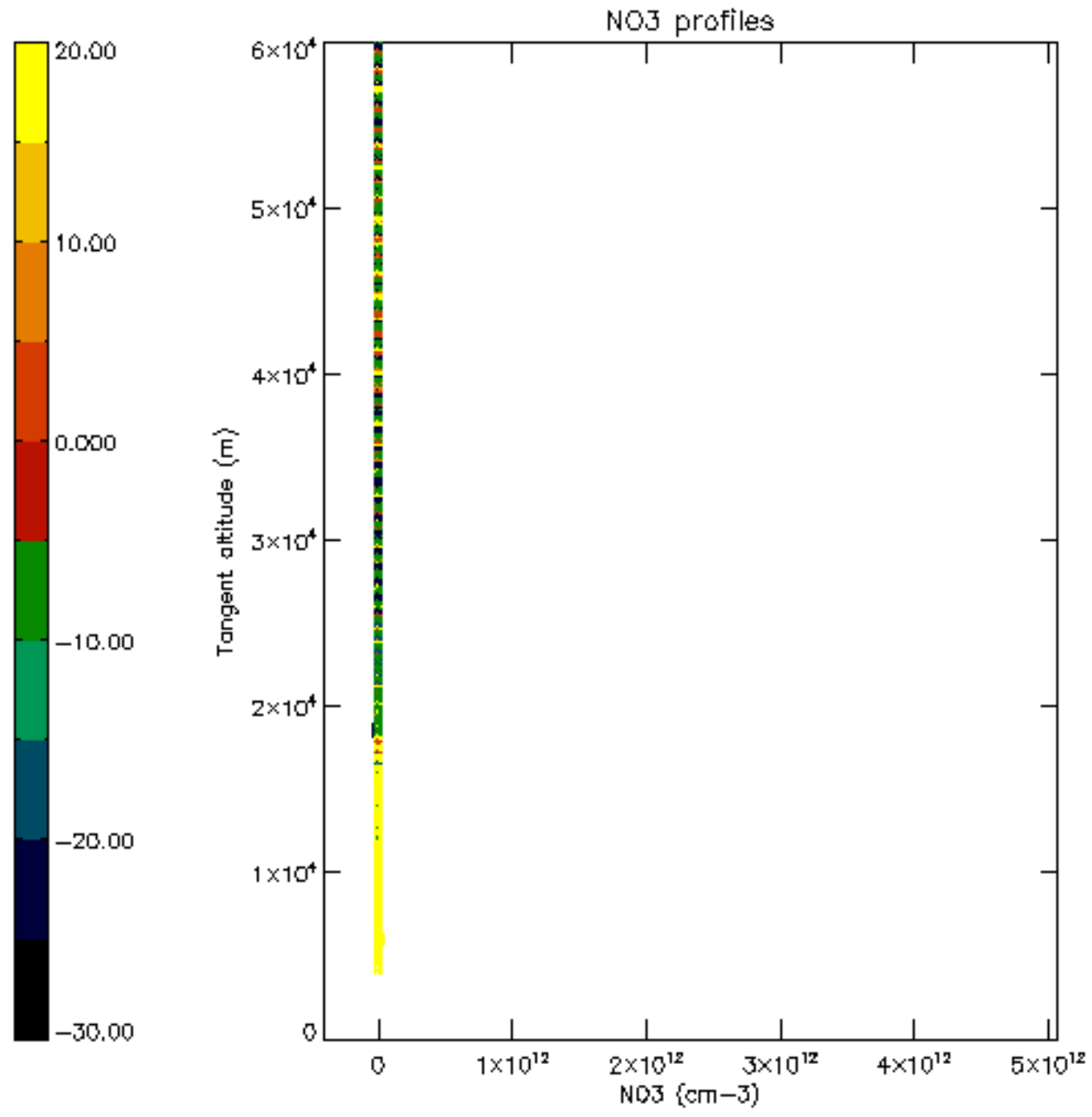


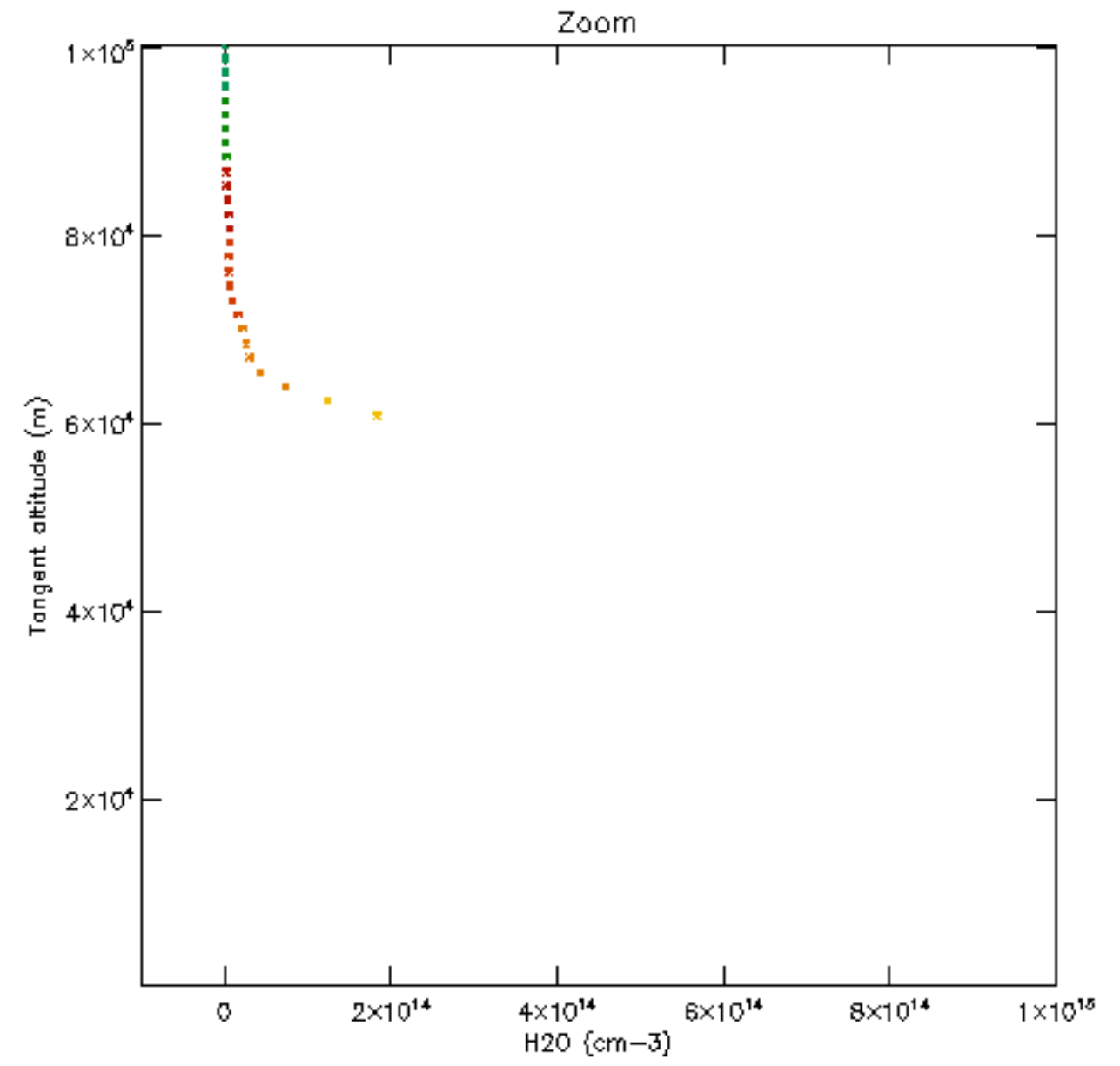
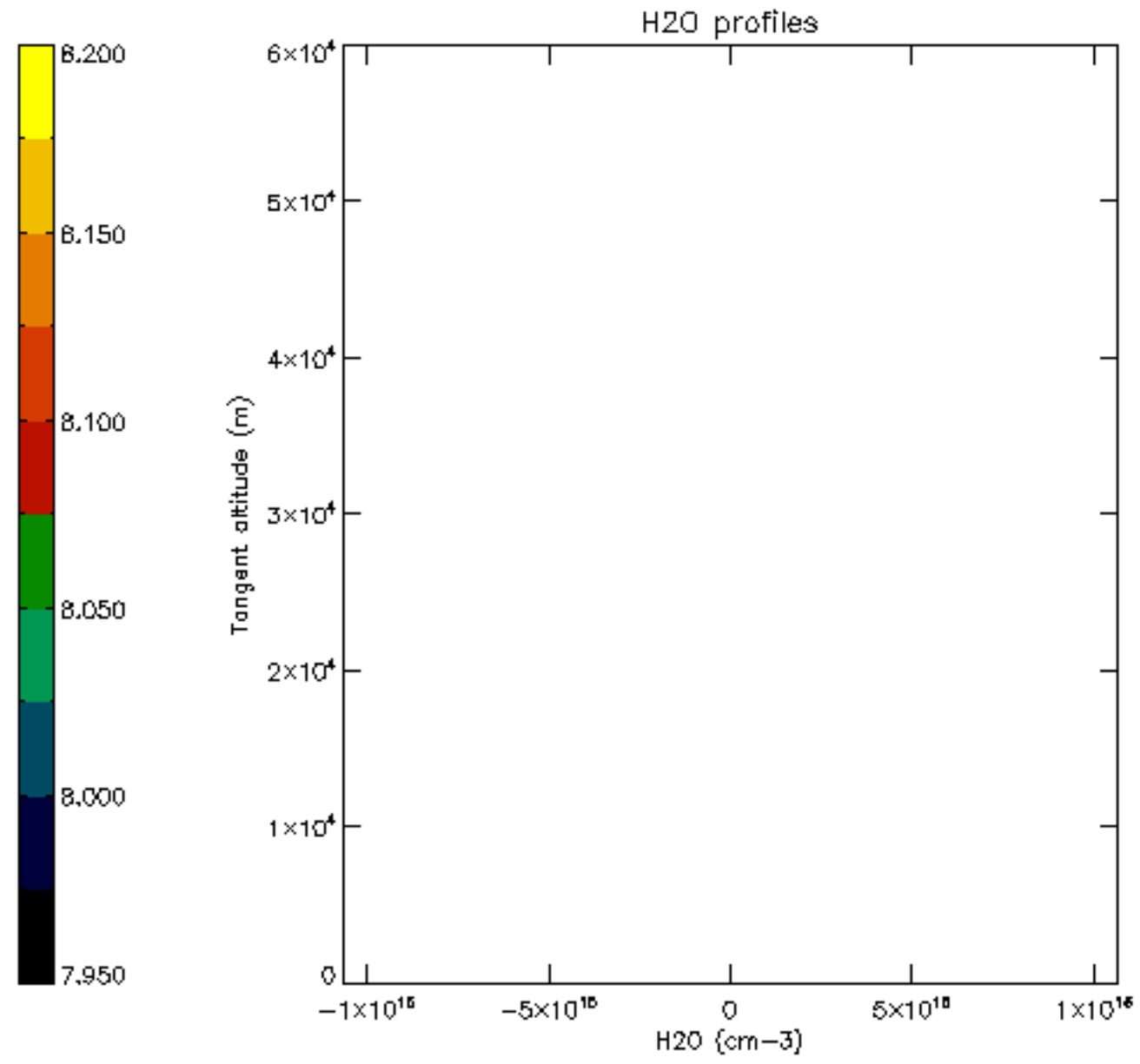




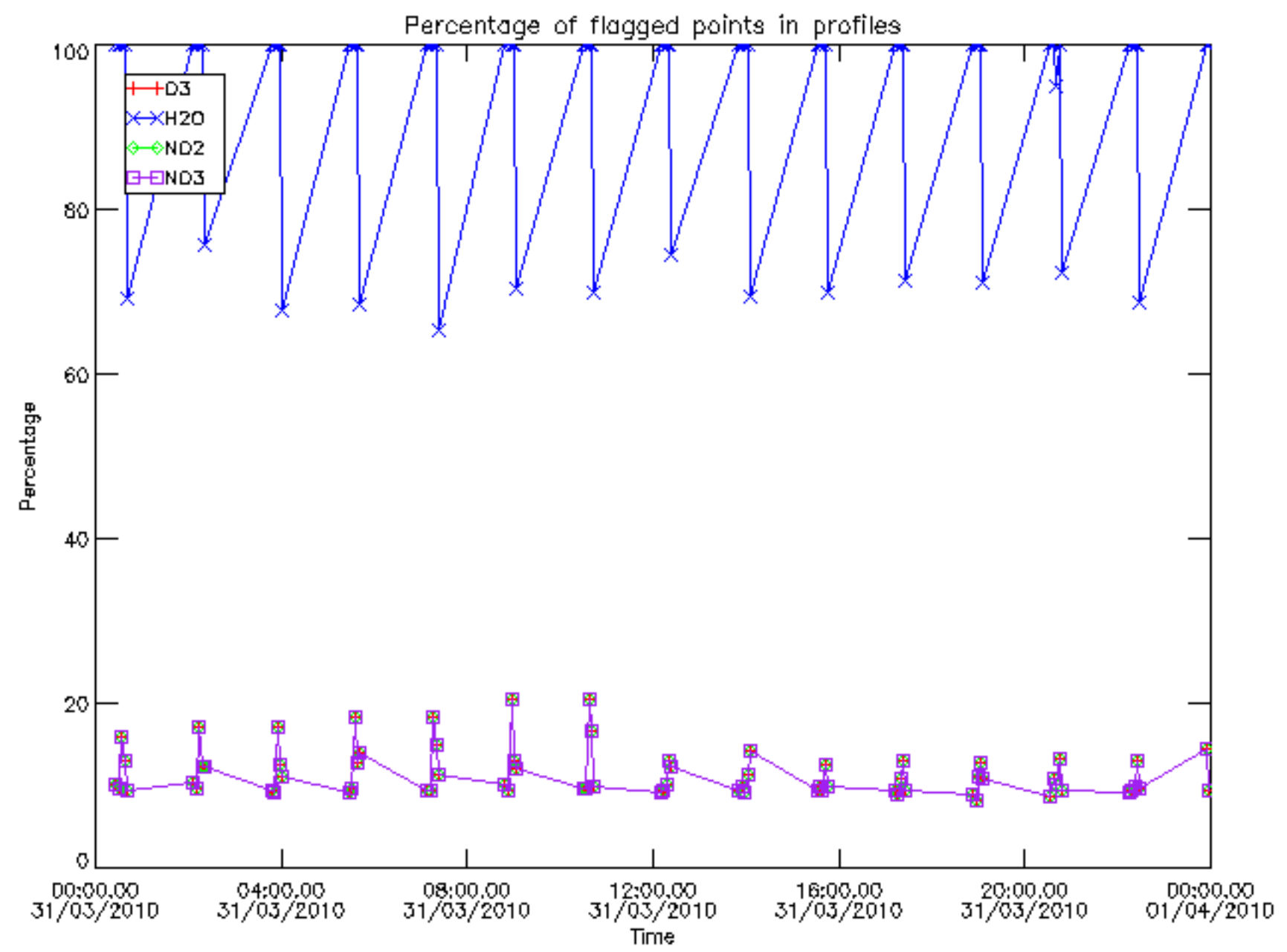




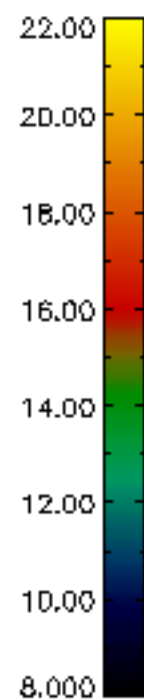
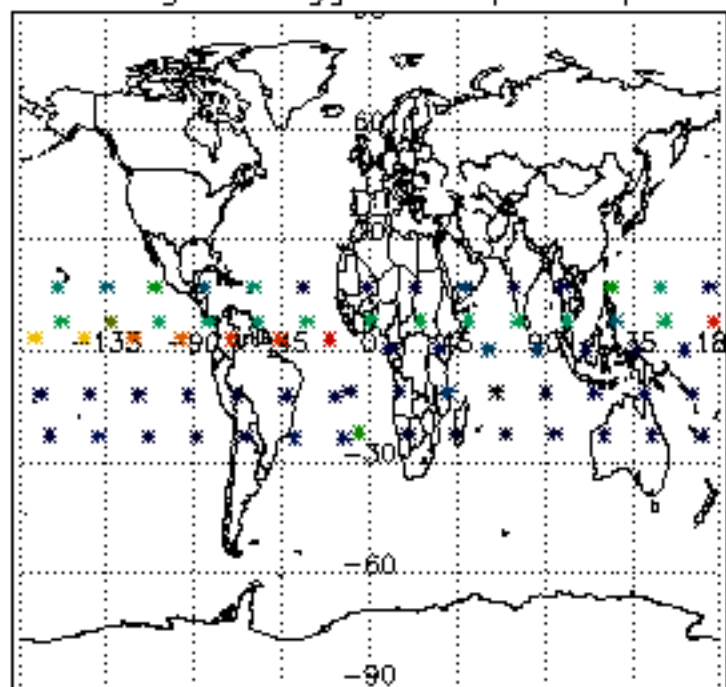




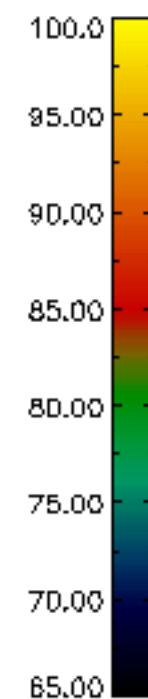
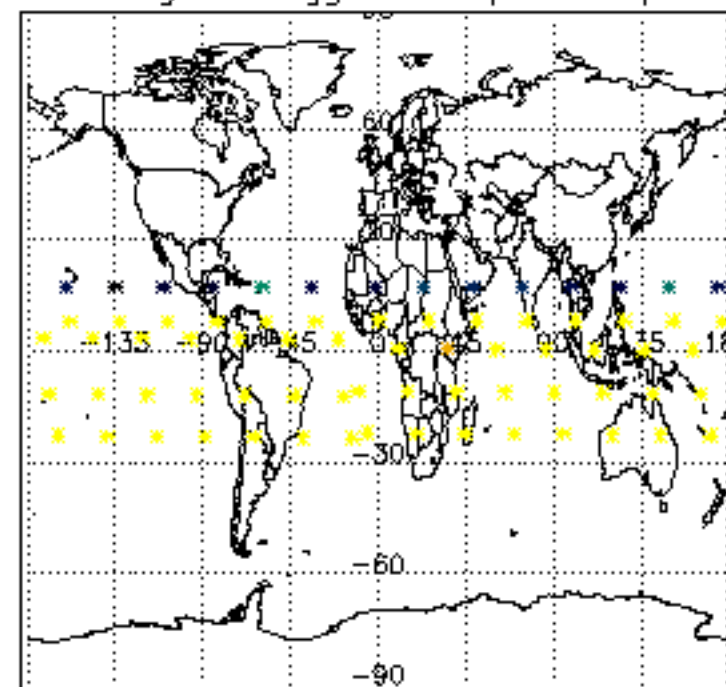




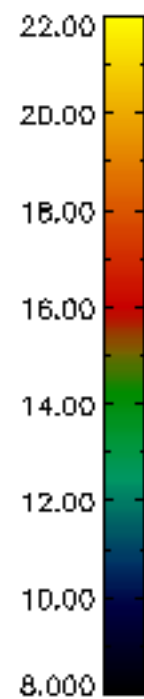
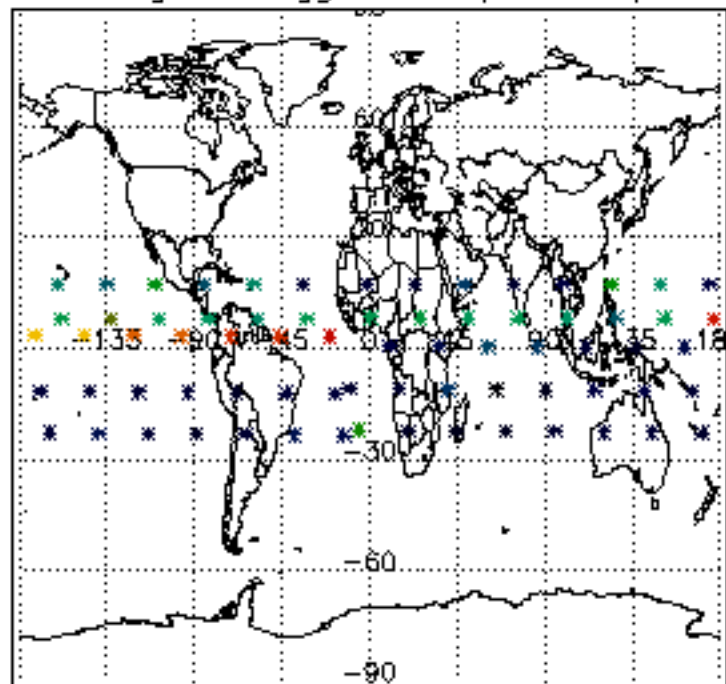
Percentage of flagged data per D3 profile



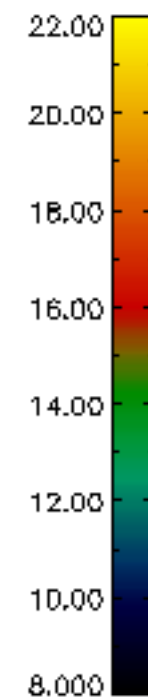
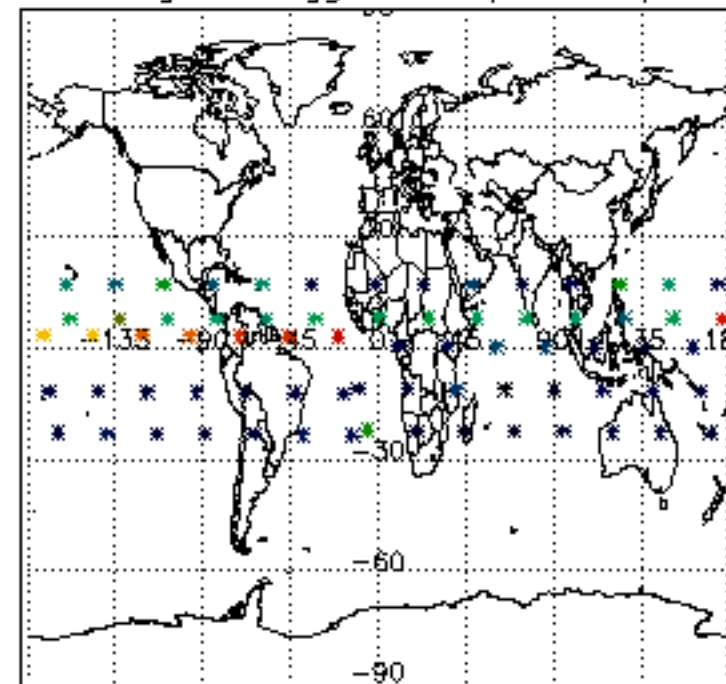
Percentage of flagged data per H2O profile

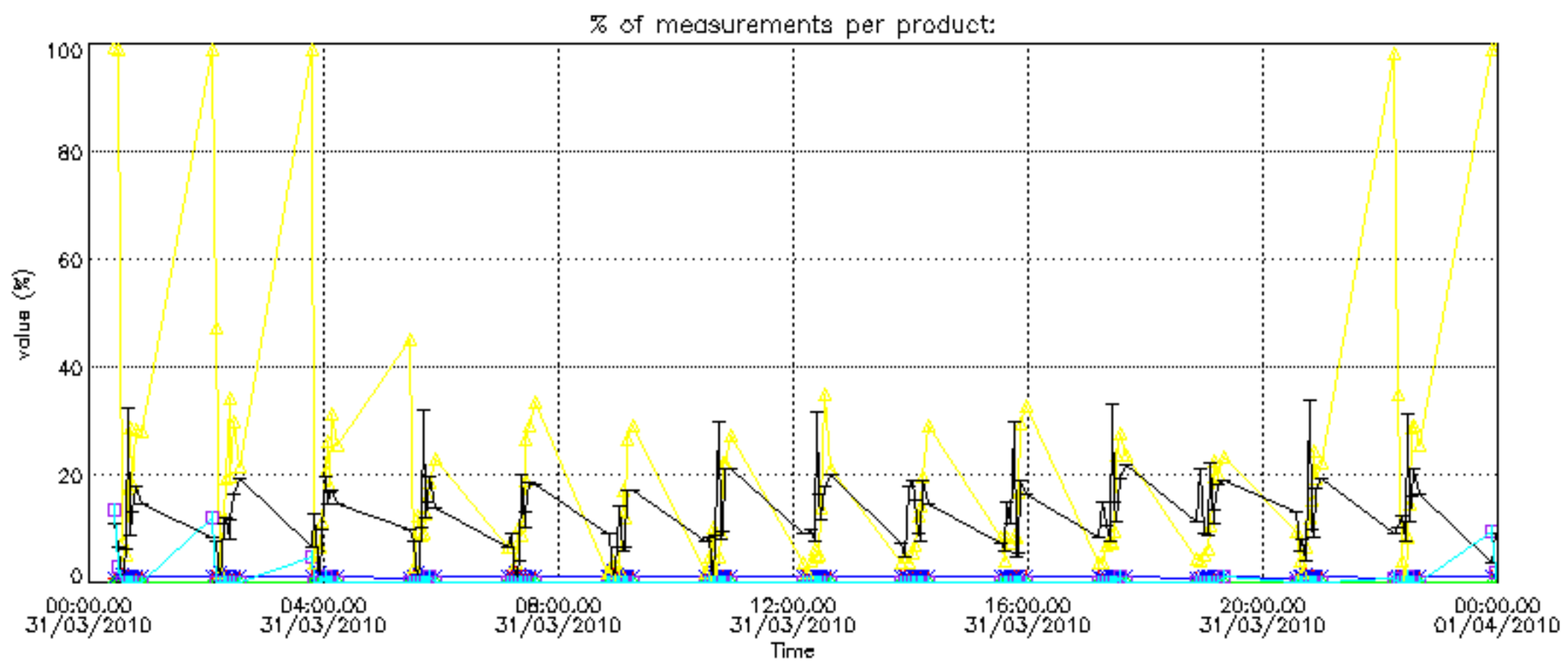


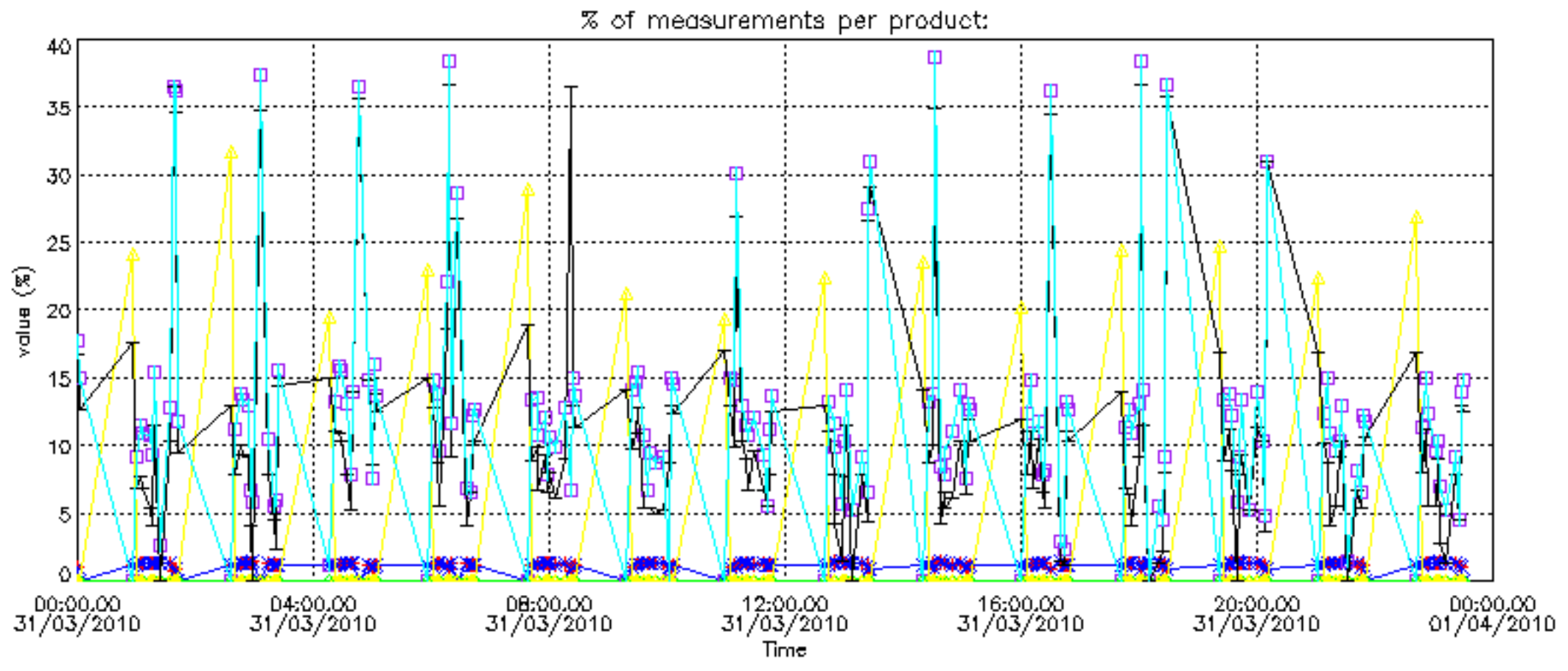
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

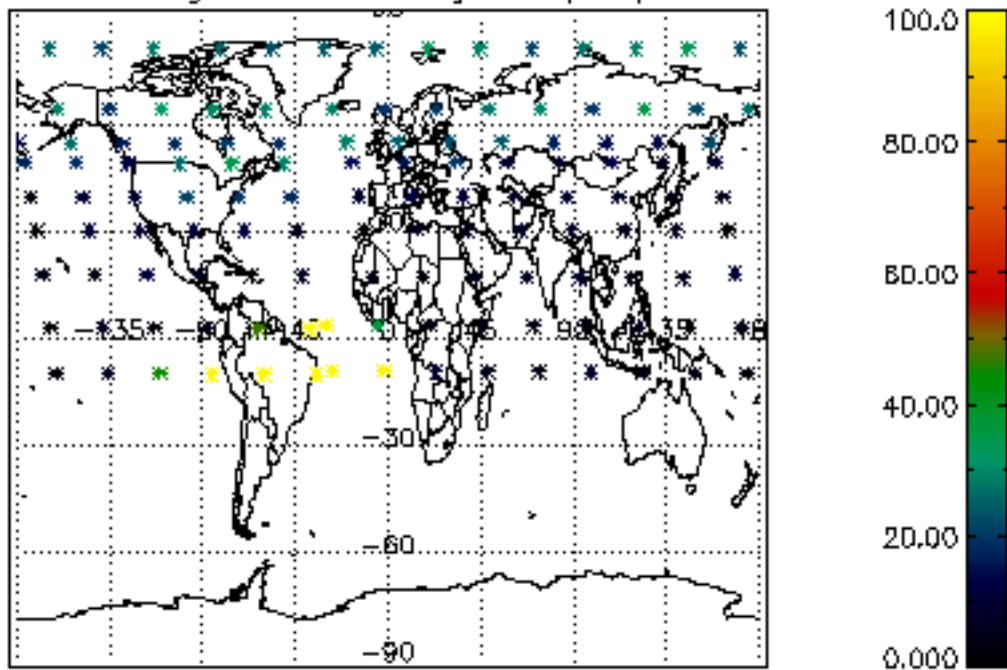




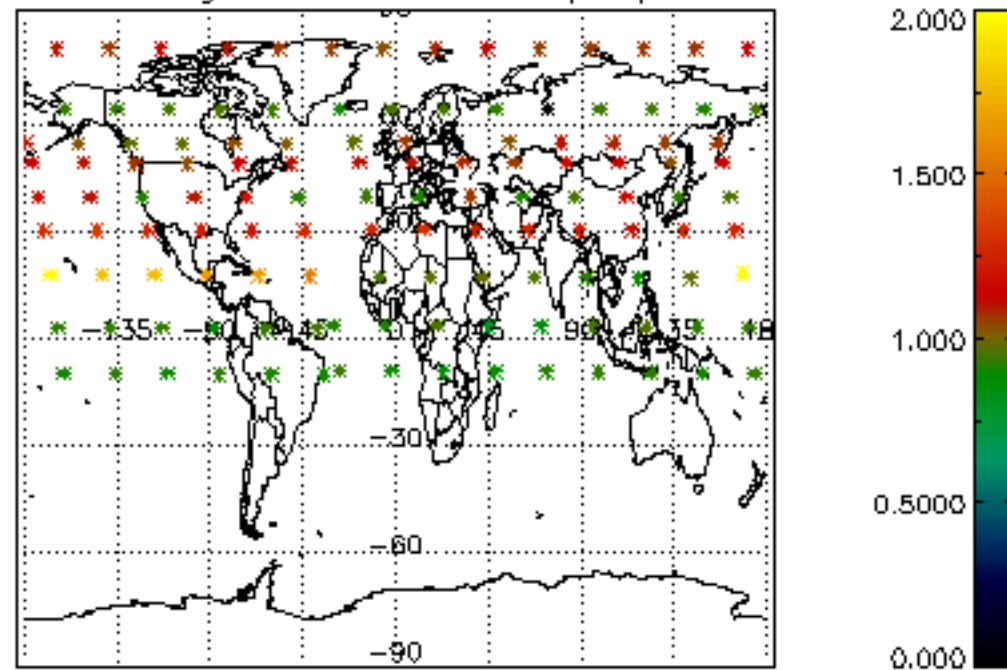




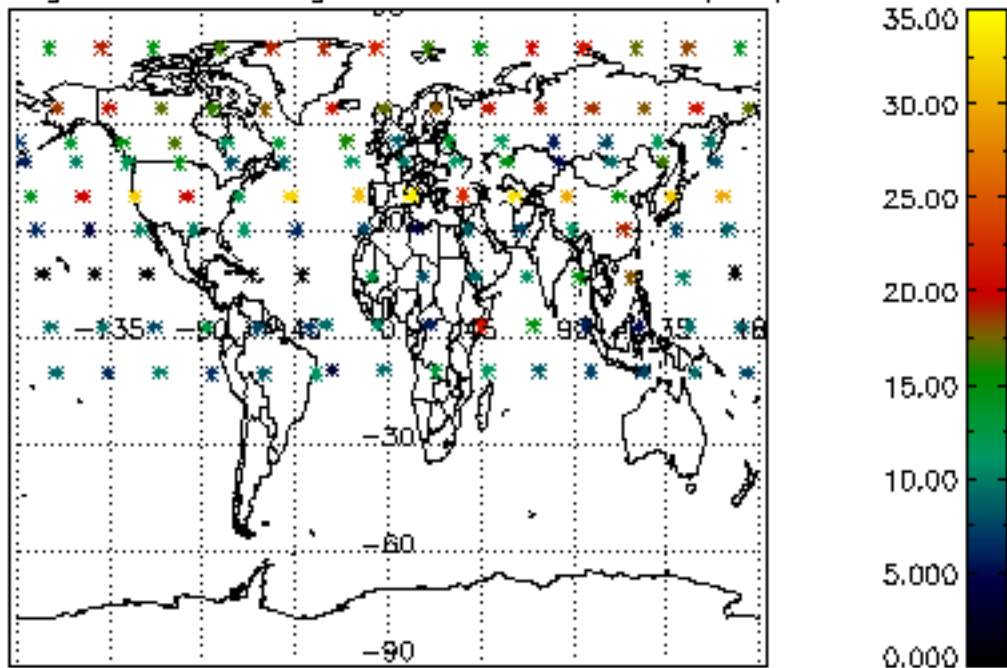
Percentage of cosmic ray hits per profile



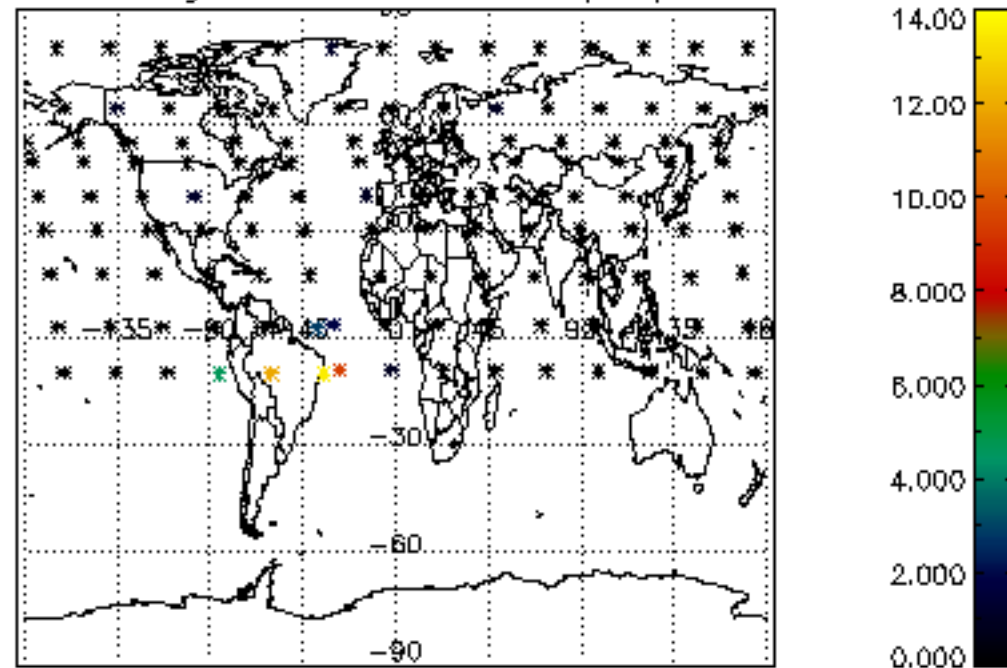
Percentage of datation errors per profile



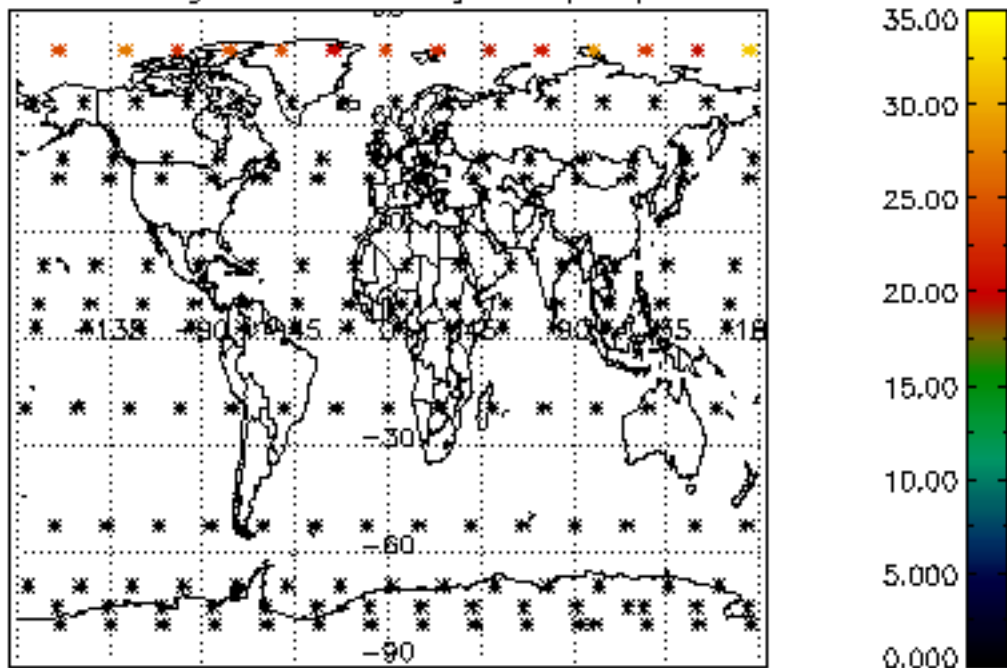
Percentage of star falling outside central band per profile



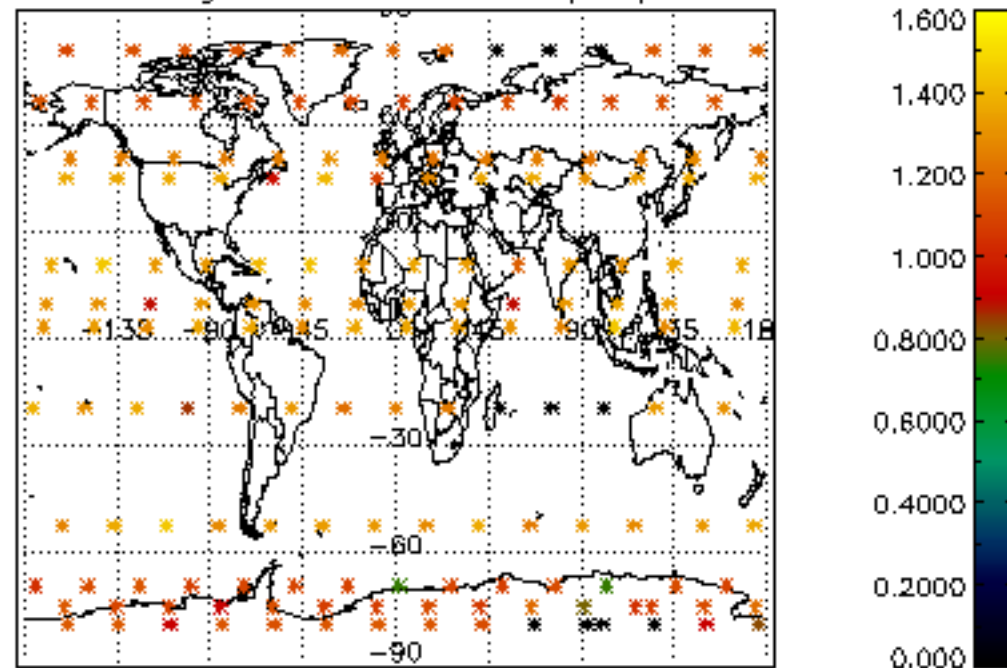
Percentage of saturation errors per profile



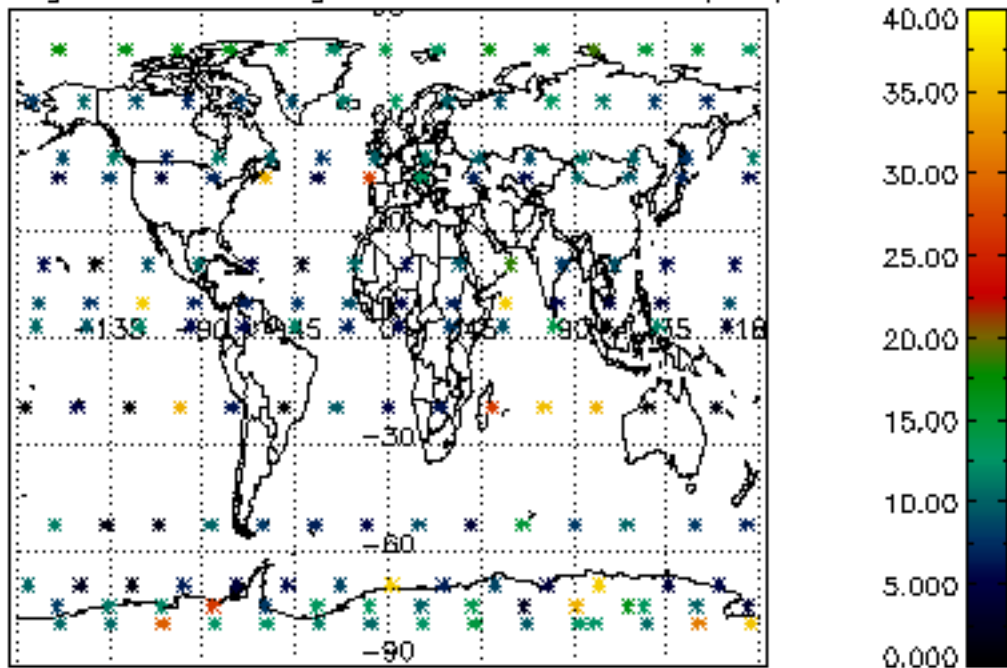
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

