

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	26APR2013 13:46:14
Data source version	GOMOS/6.01
Start time of products	09-11-2009 (09NOV2009 00:00:00)
Stop time of products	10-11-2009 (10NOV2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	150
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__2PRFIN20091109_000140_000000622084_00088_40222_9388.N1	09-NOV-2009 00:01:40	Dark	62.000	2	Alp Car	-0.73600	7000.0	124	40222	No
2	GOM_NL__2PRFIN20091109_001846_000000592084_00088_40222_9389.N1	09-NOV-2009 00:18:46	Straylight	58.500	165	34Gam Eri	2.9500	3200.0	117	40222	No
3	GOM_NL__2PRFIN20091109_002436_000000122084_00088_40222_9390.N1	09-NOV-2009 00:24:36	Twilight_stray	11.500	94	92Alp Cet	2.5260	3100.0	23	40222	No
4	GOM_NL__2PRFIN20091109_002913_000000392084_00088_40222_9391.N1	09-NOV-2009 00:29:13	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40222	No
5	GOM_NL__2PRFIN20091109_003323_000000382084_00088_40222_9392.N1	09-NOV-2009 00:33:23	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40222	No
6	GOM_NL__2PRFIN20091109_003527_000000122084_00088_40222_9393.N1	09-NOV-2009 00:35:27	Twilight_stray	12.000	73	57Gam1And	2.2600	13100.	24	40222	No
7	GOM_NL__2PRFIN20091109_003907_000000142084_00088_40222_9394.N1	09-NOV-2009 00:39:07	Twilight_stray	13.500	35	33Alp Per	1.7950	6250.0	27	40222	No
8	GOM_NL__2PRFIN20091109_005629_000000072084_00088_40222_9395.N1	09-NOV-2009 00:56:29	Straylight	7.0000	36	50Alp UMa	1.8000	6300.0	14	40222	No
9	GOM_NL__2PRFIN20091109_005806_000000402084_00088_40222_9396.N1	09-NOV-2009 00:58:06	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40222	No
10	GOM_NL__2PRFIN20091109_010158_000000402084_00088_40222_9397.N1	09-NOV-2009 01:01:58	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	40222	No
11	GOM_NL__2PRFIN20091109_010956_000000432084_00088_40222_9398.N1	09-NOV-2009 01:09:56	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40222	No
12	GOM_NL__2PRFIN20091109_013713_000000472084_00089_40223_9398.N1	09-NOV-2009 01:37:13	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40223	No
13	GOM_NL__2PRFIN20091109_014217_000000512084_00089_40223_9399.N1	09-NOV-2009 01:42:17	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	40223	No
14	GOM_NL__2PRFIN20091109_015922_000000542084_00089_40223_9400.N1	09-NOV-2009 01:59:22	Straylight	53.500	165	34Gam Eri	2.9500	3200.0	107	40223	No
15	GOM_NL__2PRFIN20091109_020511_000000502084_00089_40223_9401.N1	09-NOV-2009 02:05:11	Twilight_stray	49.500	94	92Alp Cet	2.5260	3100.0	99	40223	No
16	GOM_NL__2PRFIN20091109_020949_000000372084_00089_40223_9402.N1	09-NOV-2009 02:09:49	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	40223	No
17	GOM_NL__2PRFIN20091109_021359_000000382084_00089_40223_9403.N1	09-NOV-2009 02:13:59	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40223	No
18	GOM_NL__2PRFIN20091109_021603_000000382084_00089_40223_9404.N1	09-NOV-2009 02:16:03	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40223	No
19	GOM_NL__2PRFIN20091109_021942_000000422084_00089_40223_9405.N1	09-NOV-2009 02:19:42	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	40223	No
20	GOM_NL__2PRFIN20091109_055816_000000462084_00091_40225_9418.N1	09-NOV-2009 05:58:16	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40225	No
21	GOM_NL__2PRFIN20091109_055954_000000402084_00091_40225_9419.N1	09-NOV-2009 05:59:54	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40225	No
22	GOM_NL__2PRFIN20091109_060346_000000402084_00091_40225_9420.N1	09-NOV-2009 06:03:46	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	40225	No
23	GOM_NL__2PRFIN20091109_061145_000000622084_00091_40225_9421.N1	09-NOV-2009 06:11:45	Bright	61.500	96	68Del Leo	2.5600	9300.0	123	40225	No
24	GOM_NL__2PRFIN20091109_063904_000000472084_00092_40226_9430.N1	09-NOV-2009 06:39:04	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40226	No
25	GOM_NL__2PRFIN20091109_064407_000000482084_00092_40226_9431.N1	09-NOV-2009 06:44:07	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40226	No
26	GOM_NL__2PRFIN20091109_070110_000000572084_00092_40226_9432.N1	09-NOV-2009 07:01:10	Straylight	56.500	165	34Gam Eri	2.9500	3200.0	113	40226	No
27	GOM_NL__2PRFIN20091109_070659_000000502084_00092_40226_9433.N1	09-NOV-2009 07:06:59	Twilight_stray	50.000	94	92Alp Cet	2.5260	3100.0	100	40226	No
28	GOM_NL__2PRFIN20091109_071137_000000352084_00092_40226_9434.N1	09-NOV-2009 07:11:37	Bright	35.000	105	6Bet Ari	2.6450	8900.0	70	40226	No
29	GOM_NL__2PRFIN20091109_071547_000000372084_00092_40226_9435.N1	09-NOV-2009 07:15:47	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	40226	No
30	GOM_NL__2PRFIN20091109_071750_000000392084_00092_40226_9436.N1	09-NOV-2009 07:17:50	Bright	39.000	73	57Gam1And	2.2600	13100.	78	40226	No
31	GOM_NL__2PRFIN20091109_072129_000000422084_00092_40226_9437.N1	09-NOV-2009 07:21:29	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	40226	No
32	GOM_NL__2PRFIN20091109_073852_000000372084_00092_40226_9438.N1	09-NOV-2009 07:38:52	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	40226	No
33	GOM_NL__2PRFIN20091109_074030_000000402084_00092_40226_9439.N1	09-NOV-2009 07:40:30	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	40226	No
34	GOM_NL__2PRFIN20091109_074422_000000432084_00092_40226_9440.N1	09-NOV-2009 07:44:22	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	40226	No
35	GOM_NL__2PRFIN20091109_075221_000000432084_00092_40226_9441.N1	09-NOV-2009 07:52:21	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40226	No
36	GOM_NL__2PRFIN20091109_081941_000000472084_00093_40227_9441.N1	09-NOV-2009 08:19:41	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40227	No
37	GOM_NL__2PRFIN20091109_082444_000000562084_00093_40227_9442.N1	09-NOV-2009 08:24:44	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	40227	No
38	GOM_NL__2PRFIN20091109_084146_000000572084_00093_40227_9443.N1	09-NOV-2009 08:41:46	Straylight	56.500	165	34Gam Eri	2.9500	3200.0	113	40227	No
39	GOM_NL__2PRFIN20091109_084735_000000492084_00093_40227_9444.N1	09-NOV-2009 08:47:35	Twilight_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40227	No
40	GOM_NL__2PRFIN20091109_085213_000000362084_00093_40227_9445.N1	09-NOV-2009 08:52:13	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	40227	No
41	GOM_NL__2PRFIN20091109_085622_000000382084_00093_40227_9446.N1	09-NOV-2009 08:56:22	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40227	No
42	GOM_NL__2PRFIN20091109_085826_000000372084_00093_40227_9447.N1	09-NOV-2009 08:58:26	Bright	36.500	73	57Gam1And	2.2600	13100.	73	40227	No

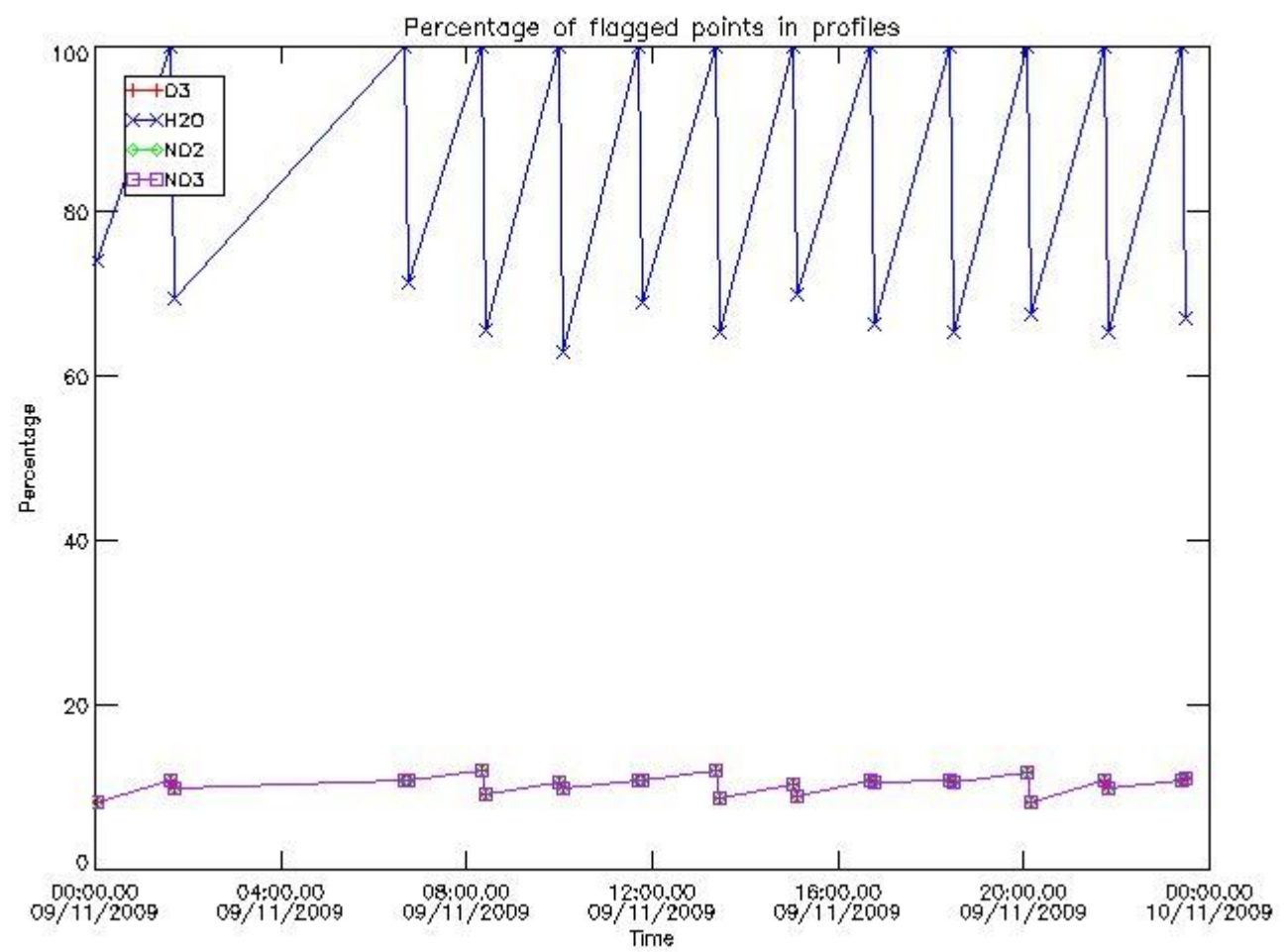
43	GOM_NL__2PRFIN20091109_090204_000000412084_00093_40227_9448.N1	09-NOV-2009 09:02:04	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	40227	No
44	GOM_NL__2PRFIN20091109_091928_000000422084_00093_40227_9449.N1	09-NOV-2009 09:19:28	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40227	No
45	GOM_NL__2PRFIN20091109_092105_000000582084_00093_40227_9450.N1	09-NOV-2009 09:21:05	Bright	58.000	82	48Bet UMa	2.3650	10600.	116	40227	No
46	GOM_NL__2PRFIN20091109_092458_000000422084_00093_40227_9451.N1	09-NOV-2009 09:24:58	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	40227	No
47	GOM_NL__2PRFIN20091109_093258_000000442084_00093_40227_9452.N1	09-NOV-2009 09:32:58	Bright	44.000	96	68Del Leo	2.5600	9300.0	88	40227	No
48	GOM_NL__2PRFIN20091109_100018_000000482084_00094_40228_9454.N1	09-NOV-2009 10:00:18	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40228	No
49	GOM_NL__2PRFIN20091109_100521_000000522084_00094_40228_9455.N1	09-NOV-2009 10:05:21	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	40228	No
50	GOM_NL__2PRFIN20091109_102222_000000562084_00094_40228_9456.N1	09-NOV-2009 10:22:22	Straylight	56.000	165	34Gam Eri	2.9500	3200.0	112	40228	No
51	GOM_NL__2PRFIN20091109_102810_000000492084_00094_40228_9457.N1	09-NOV-2009 10:28:10	Twilight_stray	48.500	94	92Alp Cet	2.5260	3100.0	97	40228	No
52	GOM_NL__2PRFIN20091109_103249_000000362084_00094_40228_9458.N1	09-NOV-2009 10:32:49	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	40228	No
53	GOM_NL__2PRFIN20091109_103658_000000362084_00094_40228_9459.N1	09-NOV-2009 10:36:58	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40228	No
54	GOM_NL__2PRFIN20091109_103902_000000362084_00094_40228_9460.N1	09-NOV-2009 10:39:02	Bright	36.000	73	57Gam1And	2.2600	13100.	72	40228	No
55	GOM_NL__2PRFIN20091109_104239_000000432084_00094_40228_9461.N1	09-NOV-2009 10:42:39	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	40228	No
56	GOM_NL__2PRFIN20091109_110003_000000442084_00094_40228_9462.N1	09-NOV-2009 11:00:03	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40228	No
57	GOM_NL__2PRFIN20091109_110141_000000402084_00094_40228_9463.N1	09-NOV-2009 11:01:41	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40228	No
58	GOM_NL__2PRFIN20091109_110534_000000432084_00094_40228_9464.N1	09-NOV-2009 11:05:34	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	40228	No
59	GOM_NL__2PRFIN20091109_111334_000000422084_00094_40228_9465.N1	09-NOV-2009 11:13:34	Bright	41.500	96	68Del Leo	2.5600	9300.0	83	40228	No
60	GOM_NL__2PRFIN20091109_114055_000000472084_00095_40229_9526.N1	09-NOV-2009 11:40:55	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40229	No
61	GOM_NL__2PRFIN20091109_114557_000000472084_00095_40229_9527.N1	09-NOV-2009 11:45:57	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	40229	No
62	GOM_NL__2PRFIN20091109_120258_000000532084_00095_40229_9528.N1	09-NOV-2009 12:02:58	Straylight	52.500	165	34Gam Eri	2.9500	3200.0	105	40229	No
63	GOM_NL__2PRFIN20091109_120846_000000512084_00095_40229_9529.N1	09-NOV-2009 12:08:46	Twilight_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40229	No
64	GOM_NL__2PRFIN20091109_121325_000000382084_00095_40229_9530.N1	09-NOV-2009 12:13:25	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40229	No
65	GOM_NL__2PRFIN20091109_121734_000000382084_00095_40229_9531.N1	09-NOV-2009 12:17:34	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40229	No
66	GOM_NL__2PRFIN20091109_121938_000000382084_00095_40229_9532.N1	09-NOV-2009 12:19:38	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40229	No
67	GOM_NL__2PRFIN20091109_122315_000000432084_00095_40229_9533.N1	09-NOV-2009 12:23:15	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	40229	No
68	GOM_NL__2PRFIN20091109_124039_000000422084_00095_40229_9534.N1	09-NOV-2009 12:40:39	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40229	No
69	GOM_NL__2PRFIN20091109_124217_000000392084_00095_40229_9535.N1	09-NOV-2009 12:42:17	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	40229	No
70	GOM_NL__2PRFIN20091109_124610_000000412084_00095_40229_9536.N1	09-NOV-2009 12:46:10	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	40229	No
71	GOM_NL__2PRFIN20091109_125410_000000432084_00095_40229_9537.N1	09-NOV-2009 12:54:10	Bright	42.500	96	68Del Leo	2.5600	9300.0	85	40229	No
72	GOM_NL__2PRFIN20091109_132132_000000472084_00096_40230_9537.N1	09-NOV-2009 13:21:32	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40230	No
73	GOM_NL__2PRFIN20091109_132634_000000582084_00096_40230_9538.N1	09-NOV-2009 13:26:34	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	40230	No
74	GOM_NL__2PRFIN20091109_134333_000000562084_00096_40230_9539.N1	09-NOV-2009 13:43:33	Straylight	56.000	165	34Gam Eri	2.9500	3200.0	112	40230	No
75	GOM_NL__2PRFIN20091109_134922_000000502084_00096_40230_9540.N1	09-NOV-2009 13:49:22	Twilight_stray	50.000	94	92Alp Cet	2.5260	3100.0	100	40230	No
76	GOM_NL__2PRFIN20091109_135400_000000372084_00096_40230_9541.N1	09-NOV-2009 13:54:00	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	40230	No
77	GOM_NL__2PRFIN20091109_135810_000000372084_00096_40230_9542.N1	09-NOV-2009 13:58:10	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	40230	No
78	GOM_NL__2PRFIN20091109_140014_000000392084_00096_40230_9543.N1	09-NOV-2009 14:00:14	Bright	39.000	73	57Gam1And	2.2600	13100.	78	40230	No
79	GOM_NL__2PRFIN20091109_140350_000000432084_00096_40230_9544.N1	09-NOV-2009 14:03:50	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	40230	No
80	GOM_NL__2PRFIN20091109_142115_000000422084_00096_40230_9545.N1	09-NOV-2009 14:21:15	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40230	No
81	GOM_NL__2PRFIN20091109_142253_000000402084_00096_40230_9546.N1	09-NOV-2009 14:22:53	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40230	No
82	GOM_NL__2PRFIN20091109_142646_000000452084_00096_40230_9547.N1	09-NOV-2009 14:26:46	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	40230	No
83	GOM_NL__2PRFIN20091109_143446_000000432084_00096_40230_9548.N1	09-NOV-2009 14:34:46	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40230	No
84	GOM_NL__2PRFIN20091109_150208_000000492084_00097_40231_9548.N1	09-NOV-2009 15:02:08	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40231	No
85	GOM_NL__2PRFIN20091109_150710_000000622084_00097_40231_9549.N1	09-NOV-2009 15:07:10	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	40231	No
86	GOM_NL__2PRFIN20091109_152409_000000562084_00097_40231_9550.N1	09-NOV-2009 15:24:09	Straylight	55.500	165	34Gam Eri	2.9500	3200.0	111	40231	No
87	GOM_NL__2PRFIN20091109_152957_000000512084_00097_40231_9551.N1	09-NOV-2009 15:29:57	Twilight_stray	50.500	94	92Alp Cet	2.5260	3100.0	101	40231	No
88	GOM_NL__2PRFIN20091109_153436_000000372084_00097_40231_9552.N1	09-NOV-2009 15:34:36	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	40231	No
89	GOM_NL__2PRFIN20091109_153846_000000382084_00097_40231_9553.N1	09-NOV-2009 15:38:46	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40231	No
90	GOM_NL__2PRFIN20091109_154049_000000392084_00097_40231_9554.N1	09-NOV-2009 15:40:49	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40231	No
91	GOM_NL__2PRFIN20091109_154426_000000412084_00097_40231_9555.N1	09-NOV-2009 15:44:26	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	40231	No
92	GOM_NL__2PRFIN20091109_160151_000000422084_00097_40231_9556.N1	09-NOV-2009 16:01:51	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40231	No
93	GOM_NL__2PRFIN20091109_160329_000000502084_00097_40231_9557.N1	09-NOV-2009 16:03:29	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	40231	No
94	GOM_NL__2PRFIN20091109_160722_000000412084_00097_40231_9558.N1	09-NOV-2009 16:07:22	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	40231	No
95	GOM_NL__2PRFIN20091109_161522_000000442084_00097_40231_9559.N1	09-NOV-2009 16:15:22	Bright	43.500	96	68Del Leo	2.5600	9300.0	87	40231	No
96	GOM_NL__2PRFIN20091109_164245_000000482084_00098_40232_9559.N1	09-NOV-2009 16:42:45	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40232	No
97	GOM_NL__2PRFIN20091109_164747_000000482084_00098_40232_9560.N1	09-NOV-2009 16:47:47	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40232	No
98	GOM_NL__2PRFIN20091109_170445_000000572084_00098_40232_9561.N1	09-NOV-2009 17:04:45	Straylight	57.000	165	34Gam Eri	2.9500	3200.0	114	40232	No
99	GOM_NL__2PRFIN20091109_171033_000000512084_00098_40232_9562.N1	09-NOV-2009 17:10:33	Twilight_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40232	No
100	GOM_NL__2PRFIN20091109_171512_000000382084_00098_40232_9563.N1	09-NOV-2009 17:15:12	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40232	No
101	GOM_NL__2PRFIN20091109_171921_000000372084_00098_40232_9564.N1	09-NOV-2009 17:19:21	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	40232	No

102	GOM_NL__2PRFIN20091109_172125_000000402084_00098_40232_9565.N1	09-NOV-2009 17:21:25	Bright	39.500	73	57Gam1And	2.2600	13100.	79	40232	No
103	GOM_NL__2PRFIN20091109_172501_000000442084_00098_40232_9566.N1	09-NOV-2009 17:25:01	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	40232	No
104	GOM_NL__2PRFIN20091109_174226_000000402084_00098_40232_9567.N1	09-NOV-2009 17:42:26	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	40232	No
105	GOM_NL__2PRFIN20091109_174405_000000462084_00098_40232_9568.N1	09-NOV-2009 17:44:05	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40232	No
106	GOM_NL__2PRFIN20091109_174758_000000392084_00098_40232_9569.N1	09-NOV-2009 17:47:58	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	40232	No
107	GOM_NL__2PRFIN20091109_175559_000000442084_00098_40232_9570.N1	09-NOV-2009 17:55:59	Bright	44.000	96	68Del Leo	2.5600	9300.0	88	40232	No
108	GOM_NL__2PRFIN20091109_182323_000000482084_00099_40233_9591.N1	09-NOV-2009 18:23:23	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40233	No
109	GOM_NL__2PRFIN20091109_182824_000000482084_00099_40233_9592.N1	09-NOV-2009 18:28:24	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40233	No
110	GOM_NL__2PRFIN20091109_184521_000000542084_00099_40233_9593.N1	09-NOV-2009 18:45:21	Straylight	54.000	165	34Gam Eri	2.9500	3200.0	108	40233	No
111	GOM_NL__2PRFIN20091109_185109_000000492084_00099_40233_9594.N1	09-NOV-2009 18:51:09	Twilight_and_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40233	No
112	GOM_NL__2PRFIN20091109_185548_000000392084_00099_40233_9595.N1	09-NOV-2009 18:55:48	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40233	No
113	GOM_NL__2PRFIN20091109_185957_000000372084_00099_40233_9596.N1	09-NOV-2009 18:59:57	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	40233	No
114	GOM_NL__2PRFIN20091109_190201_000000382084_00099_40233_9597.N1	09-NOV-2009 19:02:01	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40233	No
115	GOM_NL__2PRFIN20091109_190537_000000402084_00099_40233_9598.N1	09-NOV-2009 19:05:37	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	40233	No
116	GOM_NL__2PRFIN20091109_192303_000000442084_00099_40233_9599.N1	09-NOV-2009 19:23:03	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40233	No
117	GOM_NL__2PRFIN20091109_192440_000000412084_00099_40233_9600.N1	09-NOV-2009 19:24:40	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40233	No
118	GOM_NL__2PRFIN20091109_192834_000000512084_00099_40233_9601.N1	09-NOV-2009 19:28:34	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	40233	No
119	GOM_NL__2PRFIN20091109_193635_000000432084_00099_40233_9602.N1	09-NOV-2009 19:36:35	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40233	No
120	GOM_NL__2PRFIN20091109_200359_000000482084_00100_40234_9599.N1	09-NOV-2009 20:03:59	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40234	No
121	GOM_NL__2PRFIN20091109_200900_000000622084_00100_40234_9600.N1	09-NOV-2009 20:09:00	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	40234	No
122	GOM_NL__2PRFIN20091109_202557_000000562084_00100_40234_9601.N1	09-NOV-2009 20:25:57	Straylight	56.000	165	34Gam Eri	2.9500	3200.0	112	40234	No
123	GOM_NL__2PRFIN20091109_203145_000000482084_00100_40234_9602.N1	09-NOV-2009 20:31:45	Twilight_and_stray	48.000	94	92Alp Cet	2.5260	3100.0	96	40234	No
124	GOM_NL__2PRFIN20091109_203624_000000392084_00100_40234_9603.N1	09-NOV-2009 20:36:24	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40234	No
125	GOM_NL__2PRFIN20091109_204033_000000362084_00100_40234_9604.N1	09-NOV-2009 20:40:33	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40234	No
126	GOM_NL__2PRFIN20091109_204237_000000392084_00100_40234_9605.N1	09-NOV-2009 20:42:37	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40234	No
127	GOM_NL__2PRFIN20091109_204446_000000272084_00100_40234_9606.N1	09-NOV-2009 20:44:46	Twilight_and_stray	27.000	149	45Eps Per	2.8880	30000.	54	40234	No
128	GOM_NL__2PRFIN20091109_204613_000000432084_00100_40234_9607.N1	09-NOV-2009 20:46:13	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	40234	No
129	GOM_NL__2PRFIN20091109_210338_000000432084_00100_40234_9608.N1	09-NOV-2009 21:03:38	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40234	No
130	GOM_NL__2PRFIN20091109_210516_000000392084_00100_40234_9609.N1	09-NOV-2009 21:05:16	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	40234	No
131	GOM_NL__2PRFIN20091109_210909_000000422084_00100_40234_9610.N1	09-NOV-2009 21:09:09	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	40234	No
132	GOM_NL__2PRFIN20091109_211711_000000442084_00100_40234_9611.N1	09-NOV-2009 21:17:11	Bright	44.000	96	68Del Leo	2.5600	9300.0	88	40234	No
133	GOM_NL__2PRFIN20091109_214436_000000482084_00101_40235_9613.N1	09-NOV-2009 21:44:36	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40235	No
134	GOM_NL__2PRFIN20091109_214937_000000512084_00101_40235_9614.N1	09-NOV-2009 21:49:37	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	40235	No
135	GOM_NL__2PRFIN20091109_220633_000000552084_00101_40235_9615.N1	09-NOV-2009 22:06:33	Straylight	54.500	165	34Gam Eri	2.9500	3200.0	109	40235	No
136	GOM_NL__2PRFIN20091109_221221_000000492084_00101_40235_9616.N1	09-NOV-2009 22:12:21	Twilight_and_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40235	No
137	GOM_NL__2PRFIN20091109_221700_000000362084_00101_40235_9617.N1	09-NOV-2009 22:17:00	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	40235	No
138	GOM_NL__2PRFIN20091109_222109_000000362084_00101_40235_9618.N1	09-NOV-2009 22:21:09	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40235	No
139	GOM_NL__2PRFIN20091109_222312_000000352084_00101_40235_9619.N1	09-NOV-2009 22:23:12	Bright	35.000	73	57Gam1And	2.2600	13100.	70	40235	No
140	GOM_NL__2PRFIN20091109_222521_000000272084_00101_40235_9620.N1	09-NOV-2009 22:25:21	Twilight_and_stray	27.000	149	45Eps Per	2.8880	30000.	54	40235	No
141	GOM_NL__2PRFIN20091109_222648_000000412084_00101_40235_9621.N1	09-NOV-2009 22:26:48	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	40235	No
142	GOM_NL__2PRFIN20091109_224414_000000432084_00101_40235_9622.N1	09-NOV-2009 22:44:14	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40235	No
143	GOM_NL__2PRFIN20091109_224552_000000422084_00101_40235_9623.N1	09-NOV-2009 22:45:52	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	40235	No
144	GOM_NL__2PRFIN20091109_224945_000000452084_00101_40235_9624.N1	09-NOV-2009 22:49:45	Bright	45.000	174	52Psi UMa	3.0040	4400.0	90	40235	No
145	GOM_NL__2PRFIN20091109_225748_000000432084_00101_40235_9625.N1	09-NOV-2009 22:57:48	Bright	42.500	96	68Del Leo	2.5600	9300.0	85	40235	No
146	GOM_NL__2PRFIN20091109_232513_000000482084_00102_40236_9623.N1	09-NOV-2009 23:25:13	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40236	No
147	GOM_NL__2PRFIN20091109_233014_000000462084_00102_40236_9624.N1	09-NOV-2009 23:30:14	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40236	No
148	GOM_NL__2PRFIN20091109_234709_000000552084_00102_40236_9625.N1	09-NOV-2009 23:47:09	Straylight	54.500	165	34Gam Eri	2.9500	3200.0	109	40236	No
149	GOM_NL__2PRFIN20091109_235256_000000502084_00102_40236_9626.N1	09-NOV-2009 23:52:56	Twilight_and_stray	49.500	94	92Alp Cet	2.5260	3100.0	99	40236	No
150	GOM_NL__2PRFIN20091109_235736_000000392084_00102_40236_9627.N1	09-NOV-2009 23:57:36	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40236	No

3. Quality information per product

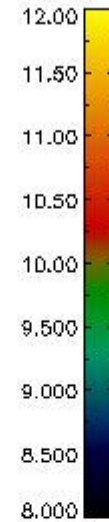
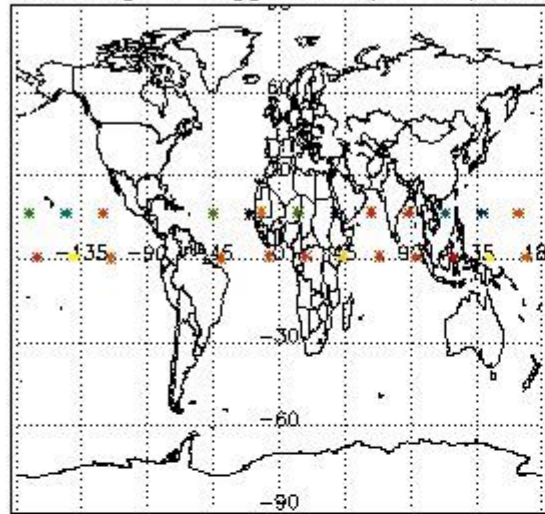
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

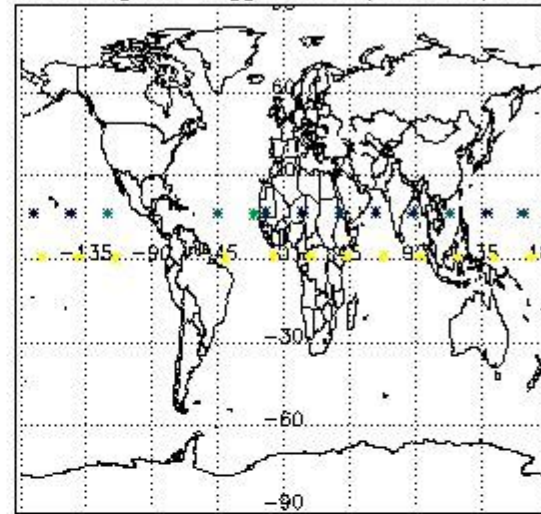


3.2 Plot quality information per product (world map)

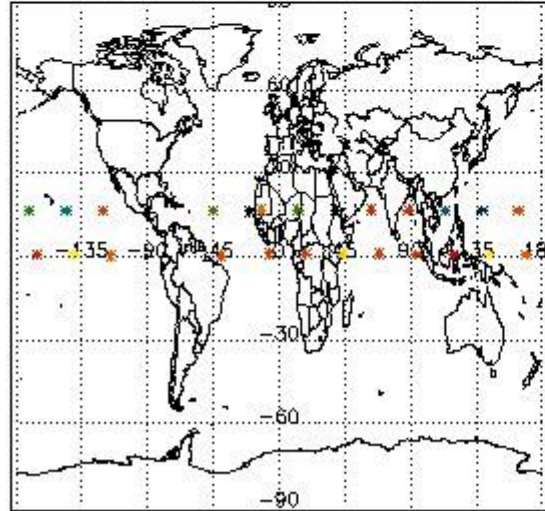
Percentage of flagged data per O3 profile



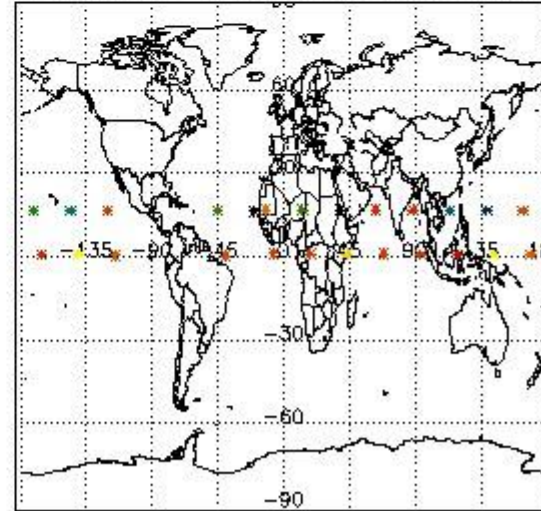
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

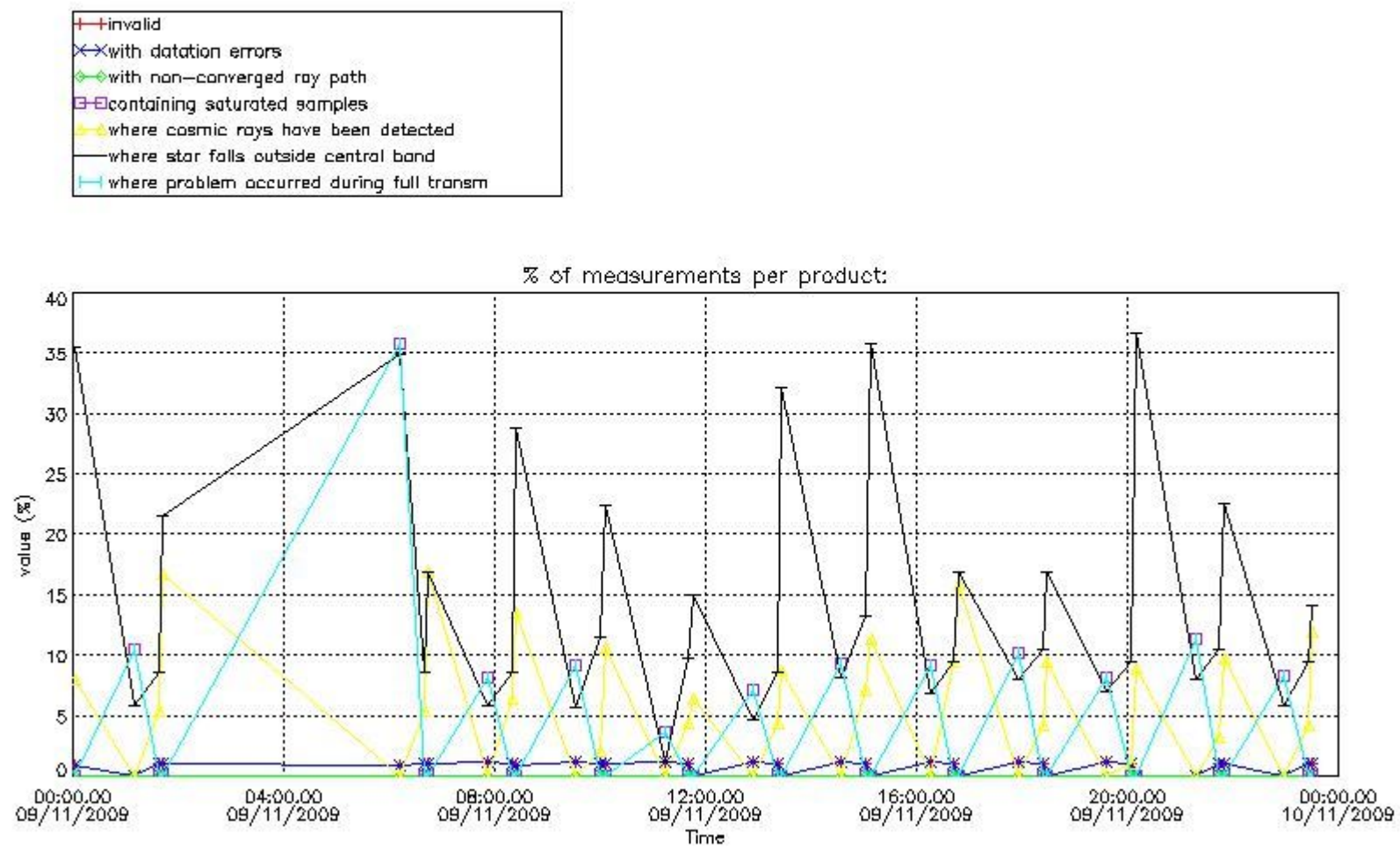


4. Level 1 quality information per product

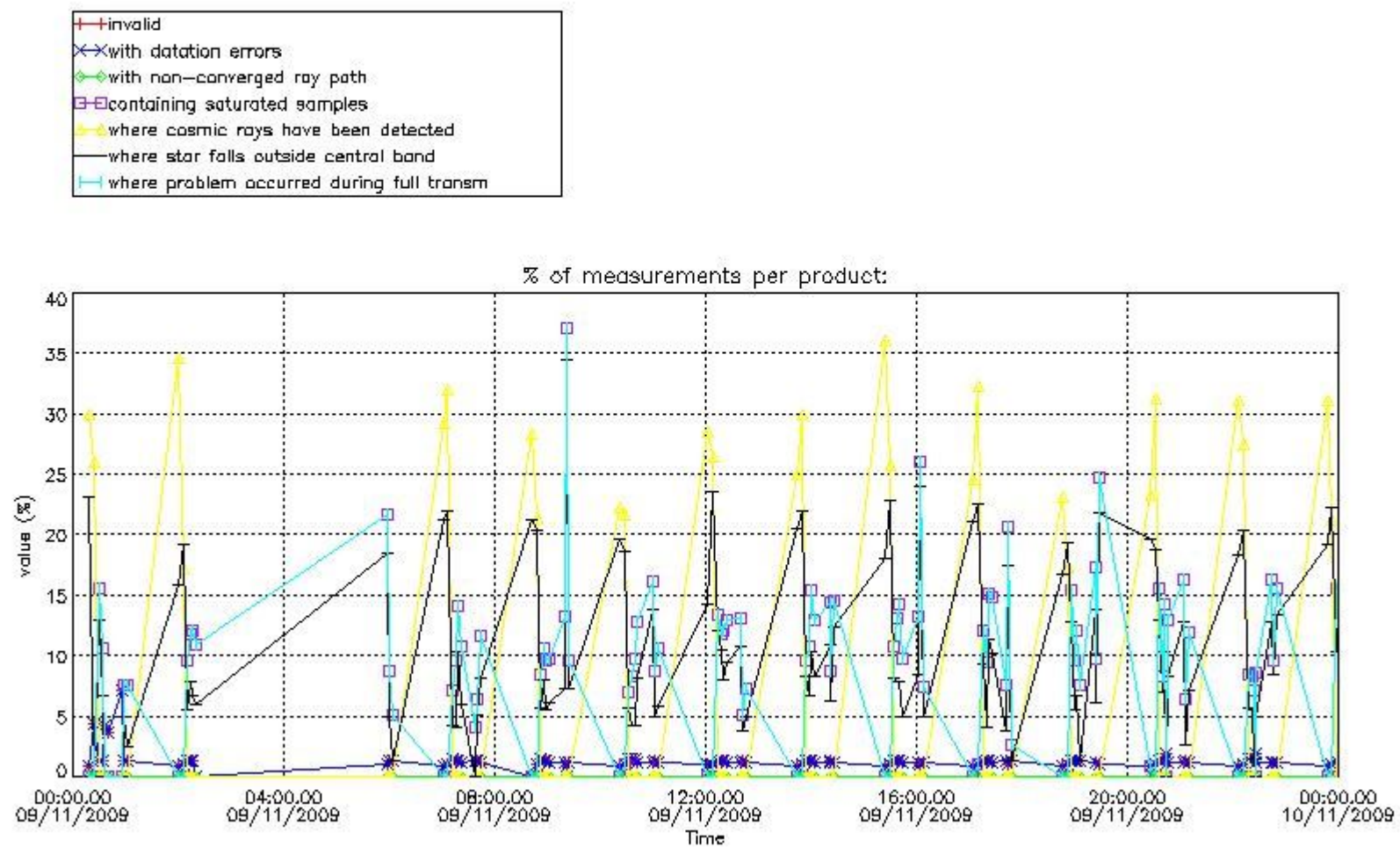
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



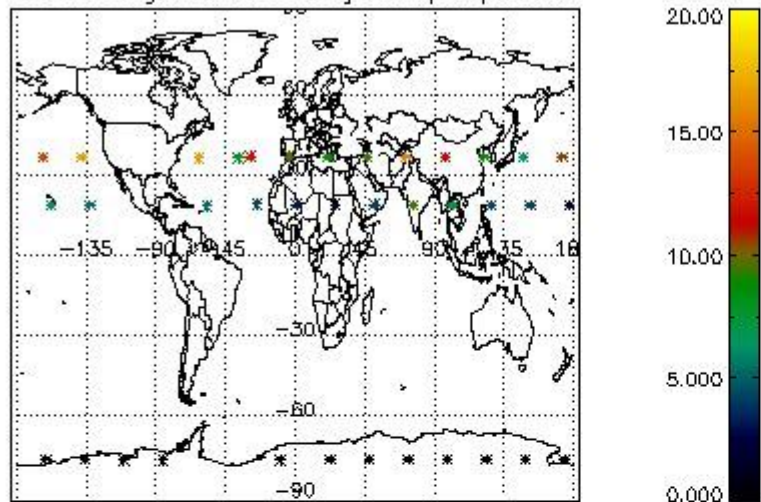
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



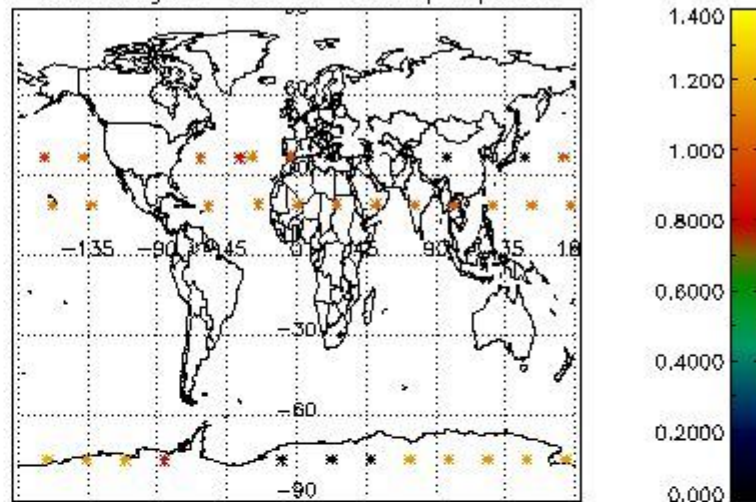
4.2 Plot quality information per product coming from level 1b processing (world map)

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

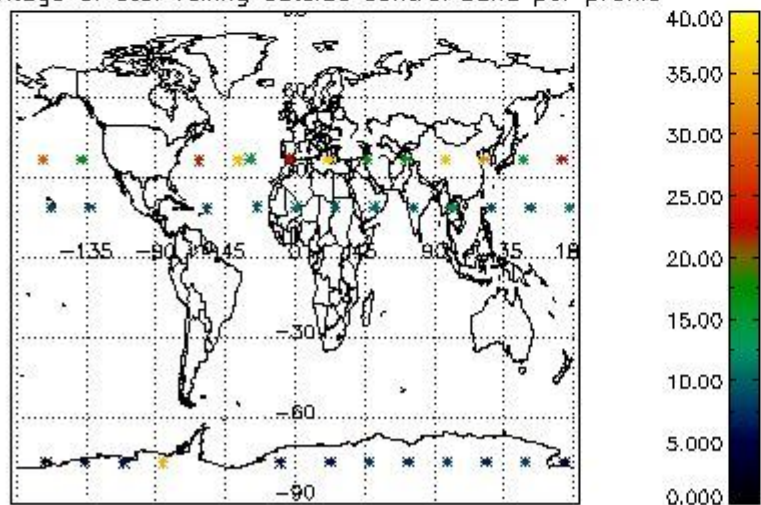
Percentage of cosmic ray hits per profile



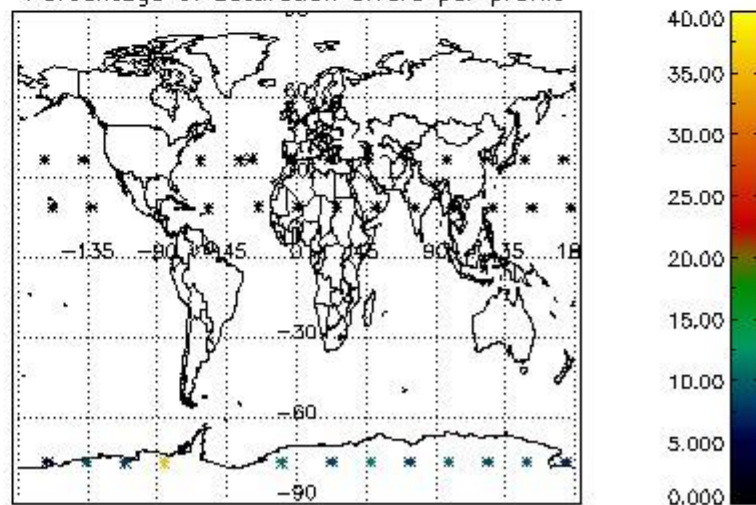
Percentage of datation errors per profile



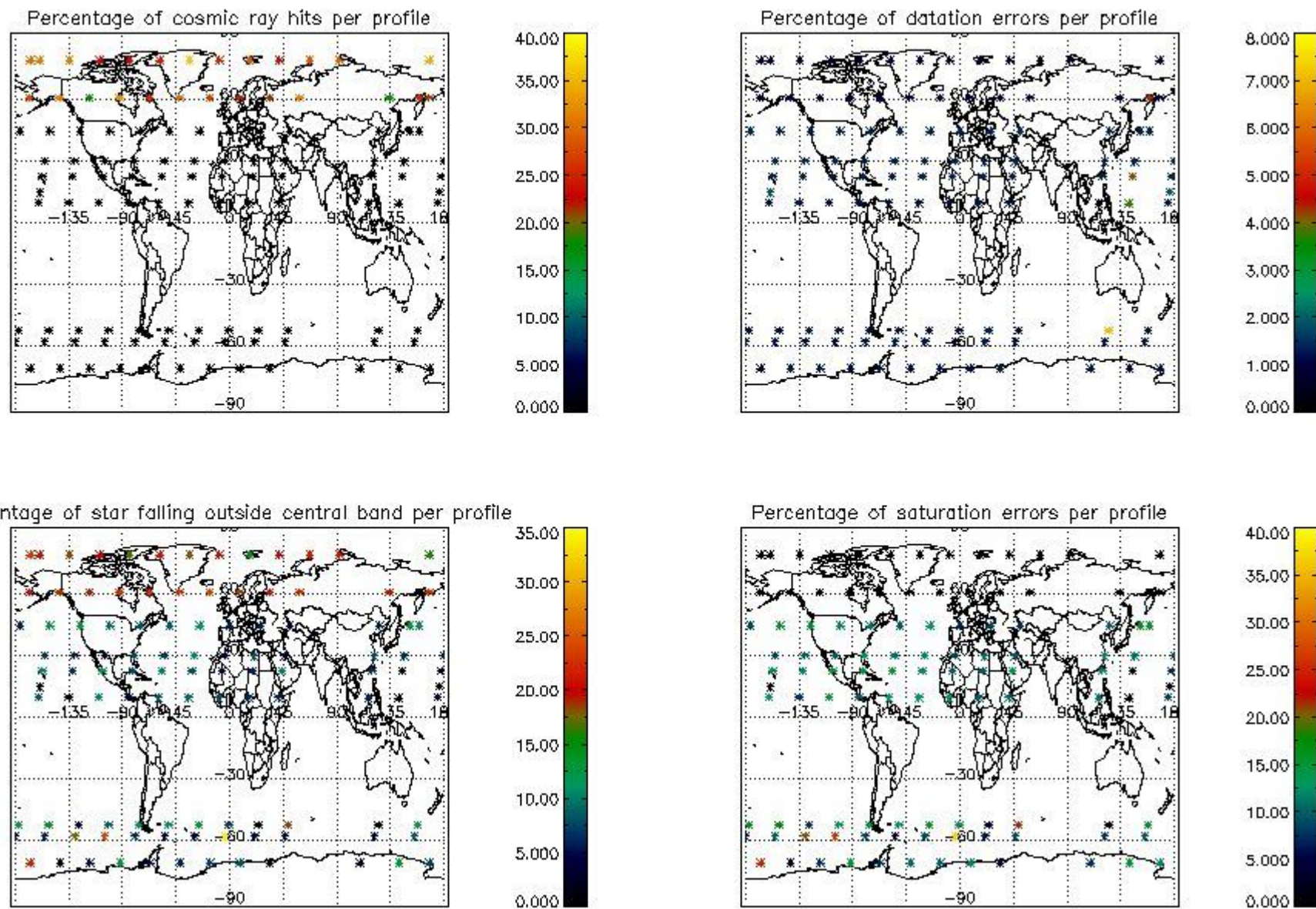
Percentage of star falling outside central band per profile



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

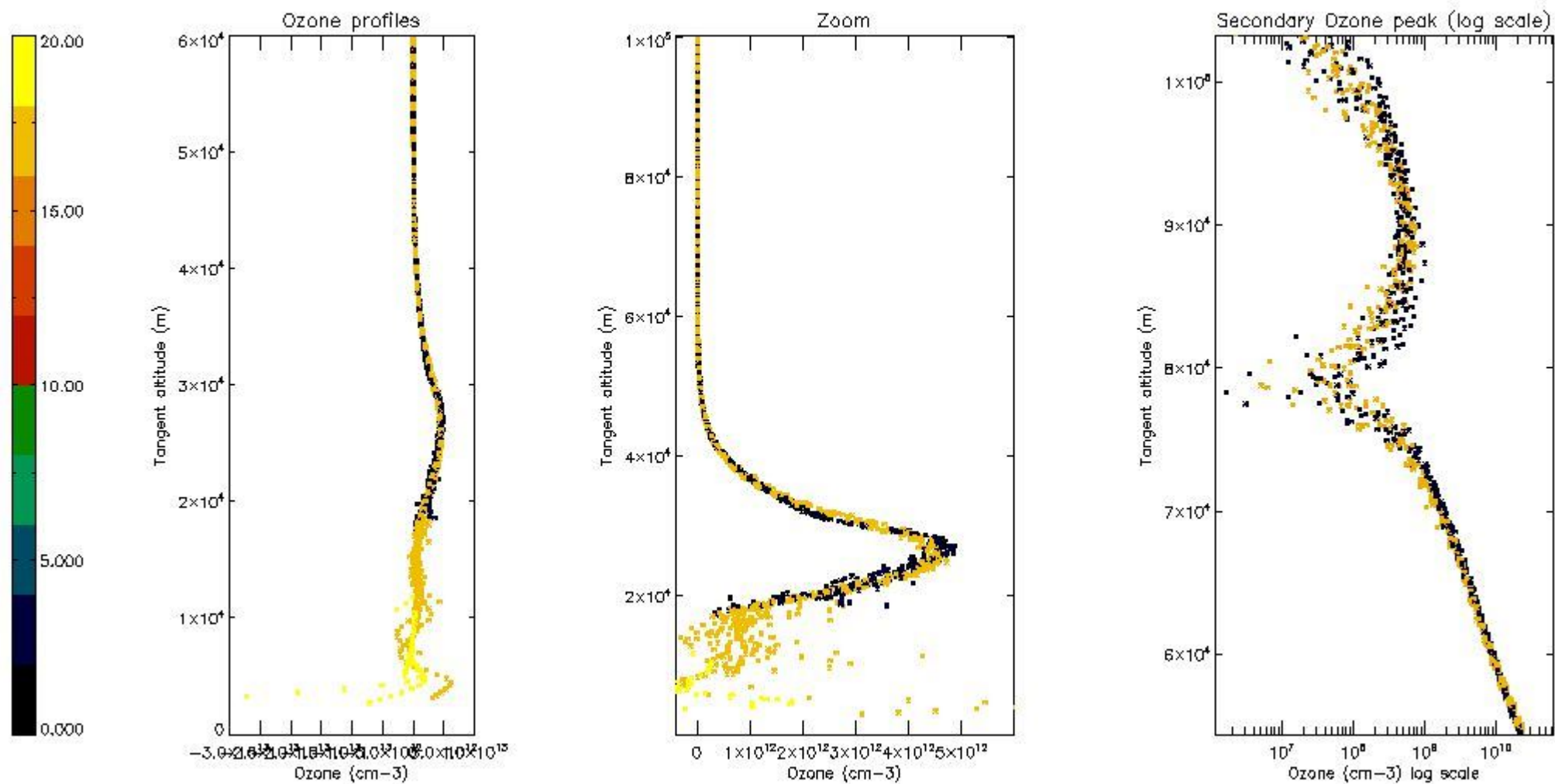
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	15

STD < 10	13
STD < 5	11

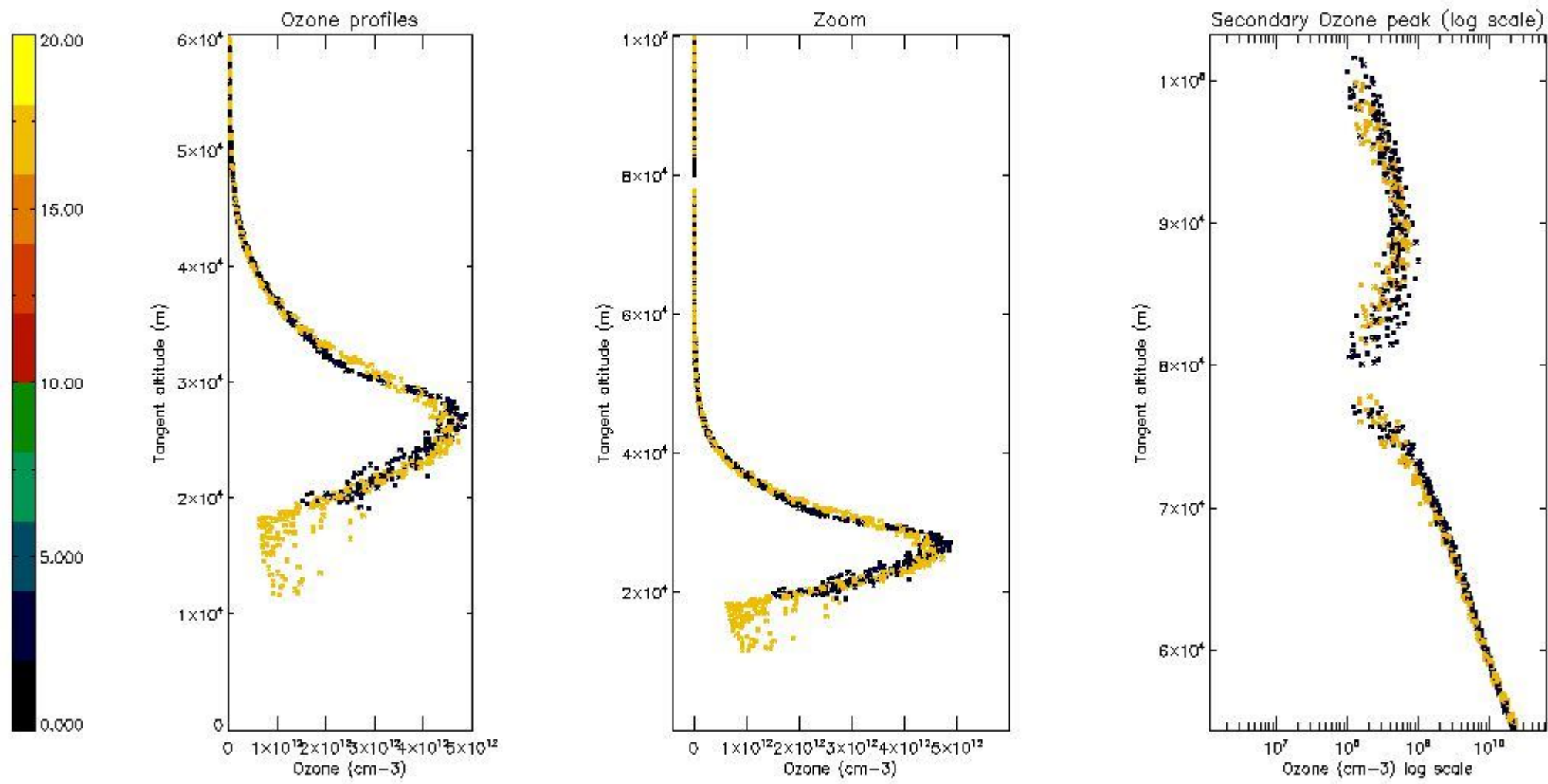
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



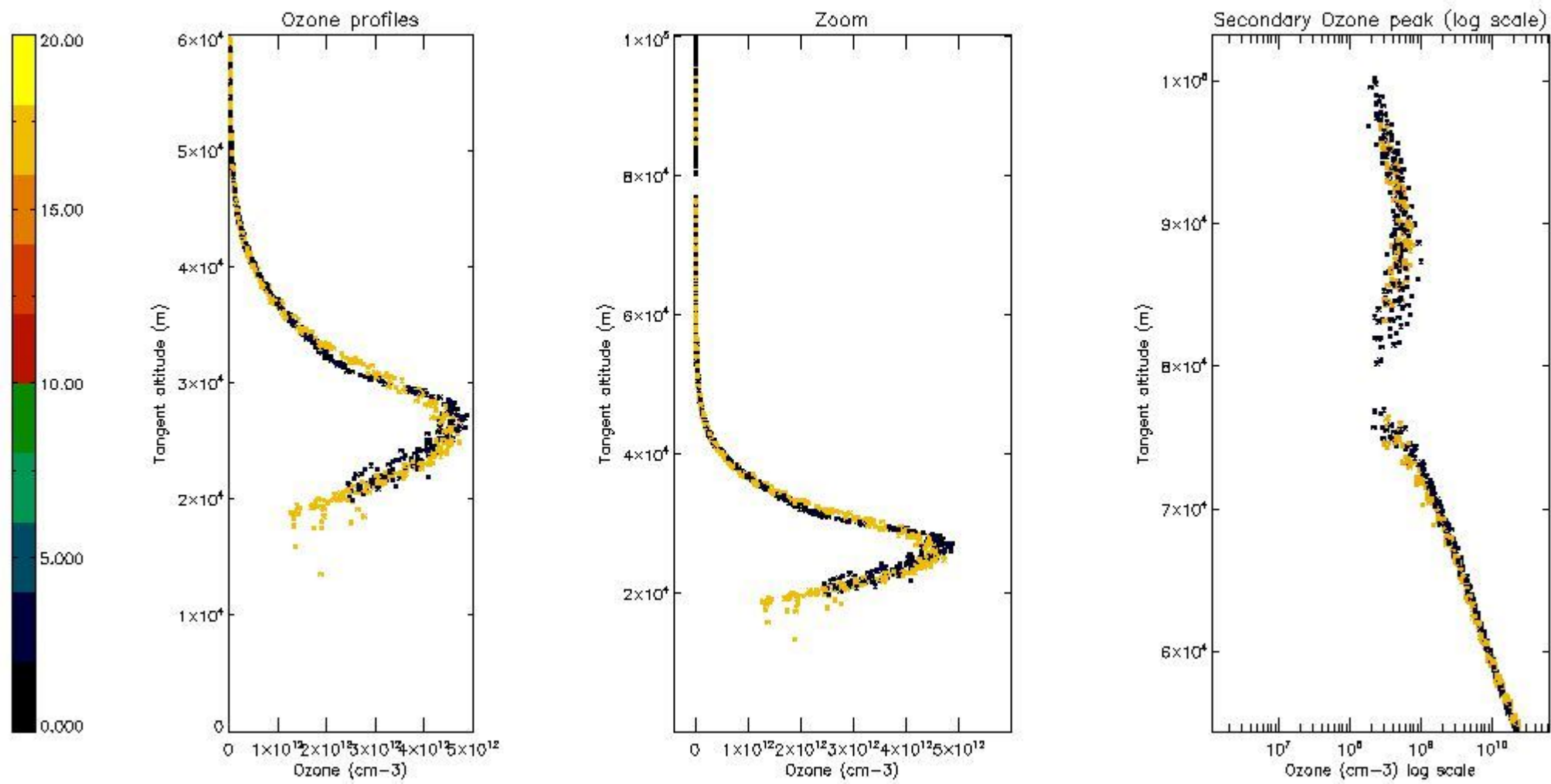
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



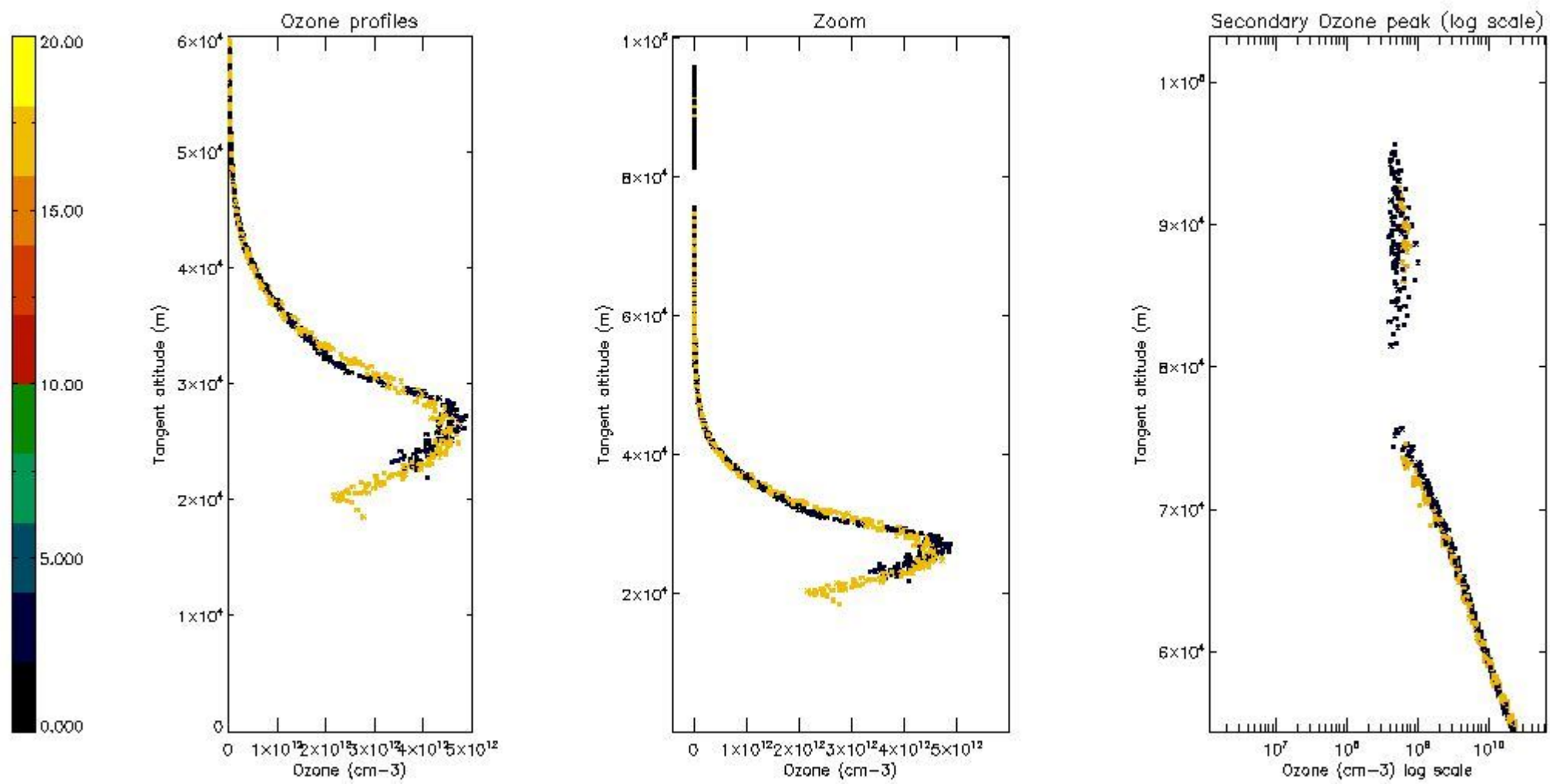
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



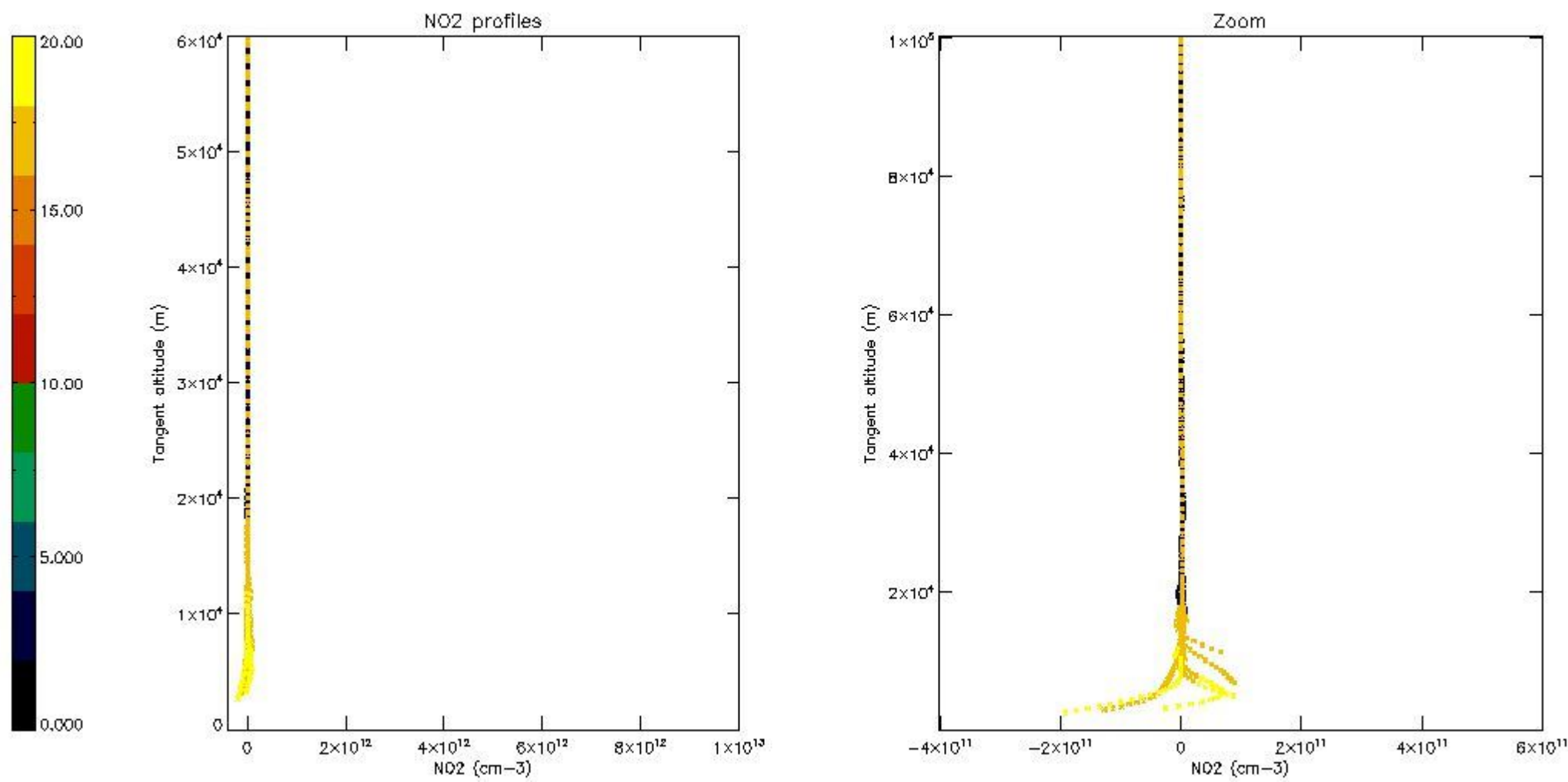
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



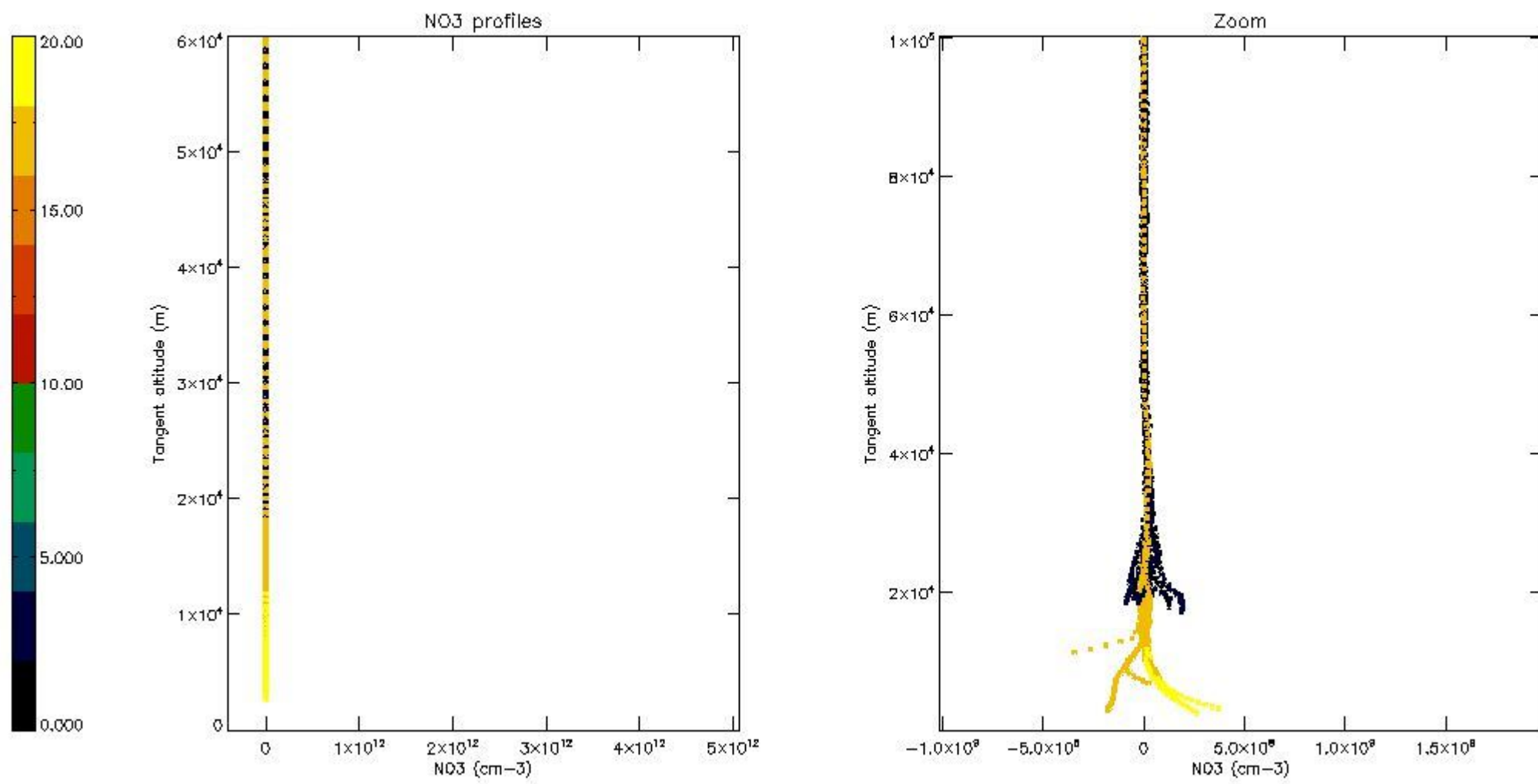
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



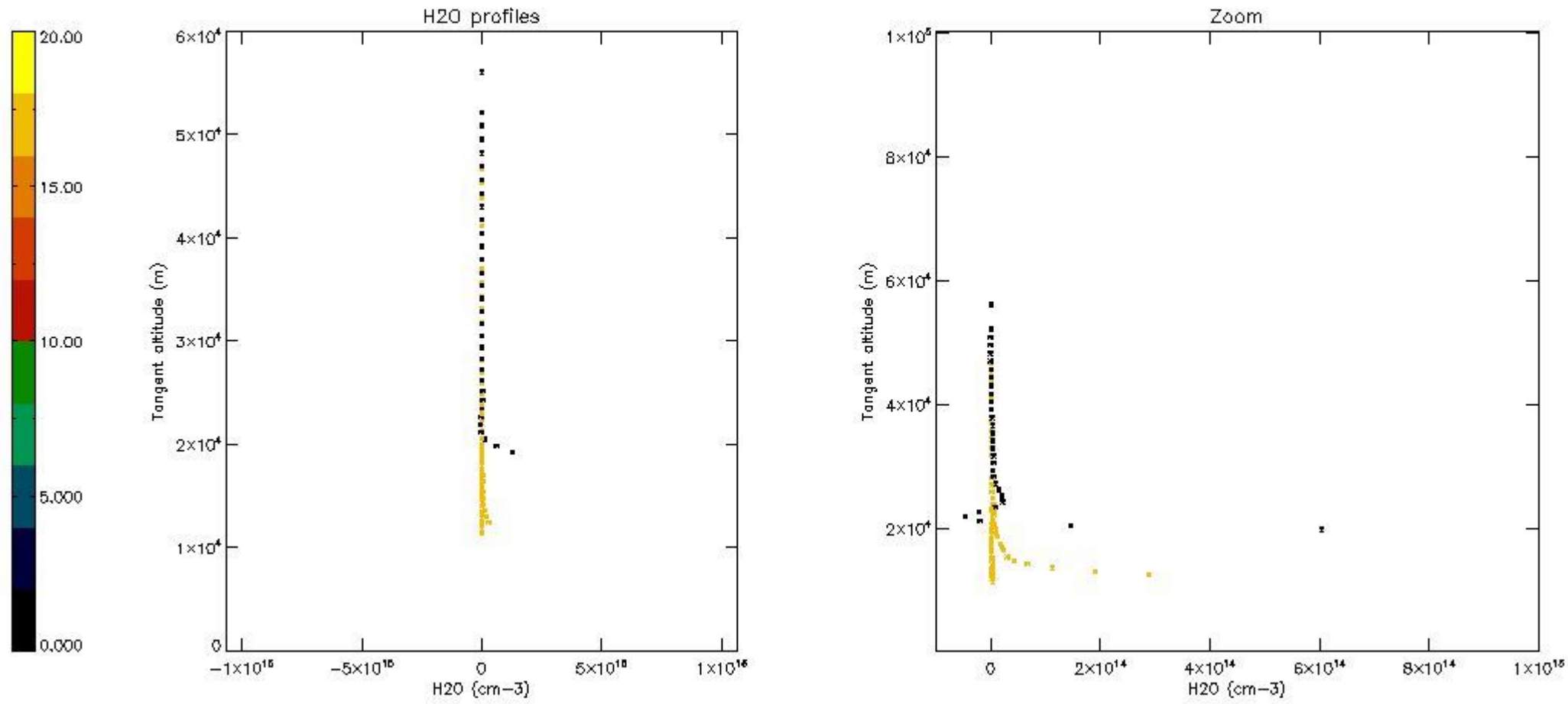
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-NOV-2009 00:01:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-NOV-2009 00:01:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-NOV-2009 00:01:40

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

[3. Level 2 Quality information per product](#)

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

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

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

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

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

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

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

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

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

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

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

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

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

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 13:46:14
Data source version	GOMOS/6.01
Start time of products	09-11-2009 (09NOV2009 00:00:00)
Stop time of products	10-11-2009 (10NOV2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	150
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__2PRFIN20091109_000140_000000622084_00088_40222_9388.N1	09-NOV-2009 00:01:40	Dark	62.000	2	Alp Car	-0.73600	7000.0	124	40222	No
2	GOM_NL__2PRFIN20091109_001846_000000592084_00088_40222_9389.N1	09-NOV-2009 00:18:46	Straylight	58.500	165	34Gam Eri	2.9500	3200.0	117	40222	No
3	GOM_NL__2PRFIN20091109_002436_000000122084_00088_40222_9390.N1	09-NOV-2009 00:24:36	Twilight_stray	11.500	94	92Alp Cet	2.5260	3100.0	23	40222	No
4	GOM_NL__2PRFIN20091109_002913_000000392084_00088_40222_9391.N1	09-NOV-2009 00:29:13	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40222	No
5	GOM_NL__2PRFIN20091109_003323_000000382084_00088_40222_9392.N1	09-NOV-2009 00:33:23	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40222	No
6	GOM_NL__2PRFIN20091109_003527_000000122084_00088_40222_9393.N1	09-NOV-2009 00:35:27	Twilight_stray	12.000	73	57Gam1And	2.2600	13100.	24	40222	No
7	GOM_NL__2PRFIN20091109_003907_000000142084_00088_40222_9394.N1	09-NOV-2009 00:39:07	Twilight_stray	13.500	35	33Alp Per	1.7950	6250.0	27	40222	No
8	GOM_NL__2PRFIN20091109_005629_000000072084_00088_40222_9395.N1	09-NOV-2009 00:56:29	Straylight	7.0000	36	50Alp UMa	1.8000	6300.0	14	40222	No
9	GOM_NL__2PRFIN20091109_005806_000000402084_00088_40222_9396.N1	09-NOV-2009 00:58:06	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40222	No
10	GOM_NL__2PRFIN20091109_010158_000000402084_00088_40222_9397.N1	09-NOV-2009 01:01:58	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	40222	No
11	GOM_NL__2PRFIN20091109_010956_000000432084_00088_40222_9398.N1	09-NOV-2009 01:09:56	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40222	No
12	GOM_NL__2PRFIN20091109_013713_000000472084_00089_40223_9398.N1	09-NOV-2009 01:37:13	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40223	No
13	GOM_NL__2PRFIN20091109_014217_000000512084_00089_40223_9399.N1	09-NOV-2009 01:42:17	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	40223	No
14	GOM_NL__2PRFIN20091109_015922_000000542084_00089_40223_9400.N1	09-NOV-2009 01:59:22	Straylight	53.500	165	34Gam Eri	2.9500	3200.0	107	40223	No
15	GOM_NL__2PRFIN20091109_020511_000000502084_00089_40223_9401.N1	09-NOV-2009 02:05:11	Twilight_stray	49.500	94	92Alp Cet	2.5260	3100.0	99	40223	No
16	GOM_NL__2PRFIN20091109_020949_000000372084_00089_40223_9402.N1	09-NOV-2009 02:09:49	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	40223	No
17	GOM_NL__2PRFIN20091109_021359_000000382084_00089_40223_9403.N1	09-NOV-2009 02:13:59	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40223	No
18	GOM_NL__2PRFIN20091109_021603_000000382084_00089_40223_9404.N1	09-NOV-2009 02:16:03	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40223	No
19	GOM_NL__2PRFIN20091109_021942_000000422084_00089_40223_9405.N1	09-NOV-2009 02:19:42	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	40223	No
20	GOM_NL__2PRFIN20091109_055816_000000462084_00091_40225_9418.N1	09-NOV-2009 05:58:16	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40225	No
21	GOM_NL__2PRFIN20091109_055954_000000402084_00091_40225_9419.N1	09-NOV-2009 05:59:54	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40225	No
22	GOM_NL__2PRFIN20091109_060346_000000402084_00091_40225_9420.N1	09-NOV-2009 06:03:46	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	40225	No
23	GOM_NL__2PRFIN20091109_061145_000000622084_00091_40225_9421.N1	09-NOV-2009 06:11:45	Bright	61.500	96	68Del Leo	2.5600	9300.0	123	40225	No
24	GOM_NL__2PRFIN20091109_063904_000000472084_00092_40226_9430.N1	09-NOV-2009 06:39:04	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40226	No
25	GOM_NL__2PRFIN20091109_064407_000000482084_00092_40226_9431.N1	09-NOV-2009 06:44:07	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40226	No
26	GOM_NL__2PRFIN20091109_070110_000000572084_00092_40226_9432.N1	09-NOV-2009 07:01:10	Straylight	56.500	165	34Gam Eri	2.9500	3200.0	113	40226	No
27	GOM_NL__2PRFIN20091109_070659_000000502084_00092_40226_9433.N1	09-NOV-2009 07:06:59	Twilight_stray	50.000	94	92Alp Cet	2.5260	3100.0	100	40226	No
28	GOM_NL__2PRFIN20091109_071137_000000352084_00092_40226_9434.N1	09-NOV-2009 07:11:37	Bright	35.000	105	6Bet Ari	2.6450	8900.0	70	40226	No
29	GOM_NL__2PRFIN20091109_071547_000000372084_00092_40226_9435.N1	09-NOV-2009 07:15:47	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	40226	No
30	GOM_NL__2PRFIN20091109_071750_000000392084_00092_40226_9436.N1	09-NOV-2009 07:17:50	Bright	39.000	73	57Gam1And	2.2600	13100.	78	40226	No
31	GOM_NL__2PRFIN20091109_072129_000000422084_00092_40226_9437.N1	09-NOV-2009 07:21:29	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	40226	No
32	GOM_NL__2PRFIN20091109_073852_000000372084_00092_40226_9438.N1	09-NOV-2009 07:38:52	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	40226	No
33	GOM_NL__2PRFIN20091109_074030_000000402084_00092_40226_9439.N1	09-NOV-2009 07:40:30	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	40226	No
34	GOM_NL__2PRFIN20091109_074422_000000432084_00092_40226_9440.N1	09-NOV-2009 07:44:22	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	40226	No
35	GOM_NL__2PRFIN20091109_075221_000000432084_00092_40226_9441.N1	09-NOV-2009 07:52:21	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40226	No
36	GOM_NL__2PRFIN20091109_081941_000000472084_00093_40227_9441.N1	09-NOV-2009 08:19:41	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40227	No
37	GOM_NL__2PRFIN20091109_082444_000000562084_00093_40227_9442.N1	09-NOV-2009 08:24:44	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	40227	No
38	GOM_NL__2PRFIN20091109_084146_000000572084_00093_40227_9443.N1	09-NOV-2009 08:41:46	Straylight	56.500	165	34Gam Eri	2.9500	3200.0	113	40227	No
39	GOM_NL__2PRFIN20091109_084735_000000492084_00093_40227_9444.N1	09-NOV-2009 08:47:35	Twilight_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40227	No
40	GOM_NL__2PRFIN20091109_085213_000000362084_00093_40227_9445.N1	09-NOV-2009 08:52:13	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	40227	No
41	GOM_NL__2PRFIN20091109_085622_000000382084_00093_40227_9446.N1	09-NOV-2009 08:56:22	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40227	No
42	GOM_NL__2PRFIN20091109_085826_000000372084_00093_40227_9447.N1	09-NOV-2009 08:58:26	Bright	36.500	73	57Gam1And	2.2600	13100.	73	40227	No

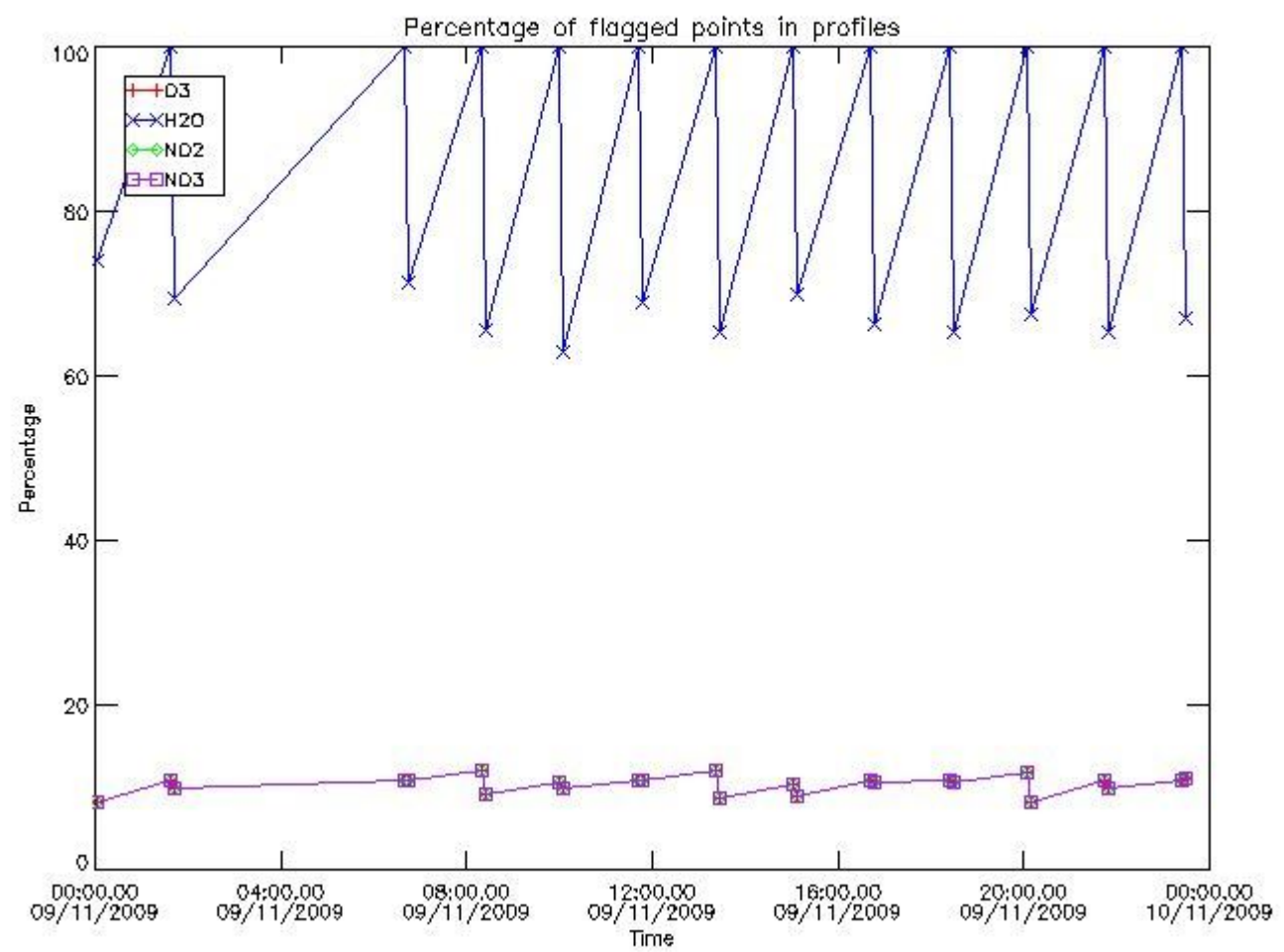
43	GOM_NL__2PRFIN20091109_090204_000000412084_00093_40227_9448.N1	09-NOV-2009 09:02:04	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	40227	No
44	GOM_NL__2PRFIN20091109_091928_000000422084_00093_40227_9449.N1	09-NOV-2009 09:19:28	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40227	No
45	GOM_NL__2PRFIN20091109_092105_000000582084_00093_40227_9450.N1	09-NOV-2009 09:21:05	Bright	58.000	82	48Bet UMa	2.3650	10600.	116	40227	No
46	GOM_NL__2PRFIN20091109_092458_000000422084_00093_40227_9451.N1	09-NOV-2009 09:24:58	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	40227	No
47	GOM_NL__2PRFIN20091109_093258_000000442084_00093_40227_9452.N1	09-NOV-2009 09:32:58	Bright	44.000	96	68Del Leo	2.5600	9300.0	88	40227	No
48	GOM_NL__2PRFIN20091109_100018_000000482084_00094_40228_9454.N1	09-NOV-2009 10:00:18	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40228	No
49	GOM_NL__2PRFIN20091109_100521_000000522084_00094_40228_9455.N1	09-NOV-2009 10:05:21	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	40228	No
50	GOM_NL__2PRFIN20091109_102222_000000562084_00094_40228_9456.N1	09-NOV-2009 10:22:22	Straylight	56.000	165	34Gam Eri	2.9500	3200.0	112	40228	No
51	GOM_NL__2PRFIN20091109_102810_000000492084_00094_40228_9457.N1	09-NOV-2009 10:28:10	Twilight_stray	48.500	94	92Alp Cet	2.5260	3100.0	97	40228	No
52	GOM_NL__2PRFIN20091109_103249_000000362084_00094_40228_9458.N1	09-NOV-2009 10:32:49	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	40228	No
53	GOM_NL__2PRFIN20091109_103658_000000362084_00094_40228_9459.N1	09-NOV-2009 10:36:58	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40228	No
54	GOM_NL__2PRFIN20091109_103902_000000362084_00094_40228_9460.N1	09-NOV-2009 10:39:02	Bright	36.000	73	57Gam1And	2.2600	13100.	72	40228	No
55	GOM_NL__2PRFIN20091109_104239_000000432084_00094_40228_9461.N1	09-NOV-2009 10:42:39	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	40228	No
56	GOM_NL__2PRFIN20091109_110003_000000442084_00094_40228_9462.N1	09-NOV-2009 11:00:03	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40228	No
57	GOM_NL__2PRFIN20091109_110141_000000402084_00094_40228_9463.N1	09-NOV-2009 11:01:41	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40228	No
58	GOM_NL__2PRFIN20091109_110534_000000432084_00094_40228_9464.N1	09-NOV-2009 11:05:34	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	40228	No
59	GOM_NL__2PRFIN20091109_111334_000000422084_00094_40228_9465.N1	09-NOV-2009 11:13:34	Bright	41.500	96	68Del Leo	2.5600	9300.0	83	40228	No
60	GOM_NL__2PRFIN20091109_114055_000000472084_00095_40229_9526.N1	09-NOV-2009 11:40:55	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40229	No
61	GOM_NL__2PRFIN20091109_114557_000000472084_00095_40229_9527.N1	09-NOV-2009 11:45:57	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	40229	No
62	GOM_NL__2PRFIN20091109_120258_000000532084_00095_40229_9528.N1	09-NOV-2009 12:02:58	Straylight	52.500	165	34Gam Eri	2.9500	3200.0	105	40229	No
63	GOM_NL__2PRFIN20091109_120846_000000512084_00095_40229_9529.N1	09-NOV-2009 12:08:46	Twilight_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40229	No
64	GOM_NL__2PRFIN20091109_121325_000000382084_00095_40229_9530.N1	09-NOV-2009 12:13:25	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40229	No
65	GOM_NL__2PRFIN20091109_121734_000000382084_00095_40229_9531.N1	09-NOV-2009 12:17:34	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40229	No
66	GOM_NL__2PRFIN20091109_121938_000000382084_00095_40229_9532.N1	09-NOV-2009 12:19:38	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40229	No
67	GOM_NL__2PRFIN20091109_122315_000000432084_00095_40229_9533.N1	09-NOV-2009 12:23:15	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	40229	No
68	GOM_NL__2PRFIN20091109_124039_000000422084_00095_40229_9534.N1	09-NOV-2009 12:40:39	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40229	No
69	GOM_NL__2PRFIN20091109_124217_000000392084_00095_40229_9535.N1	09-NOV-2009 12:42:17	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	40229	No
70	GOM_NL__2PRFIN20091109_124610_000000412084_00095_40229_9536.N1	09-NOV-2009 12:46:10	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	40229	No
71	GOM_NL__2PRFIN20091109_125410_000000432084_00095_40229_9537.N1	09-NOV-2009 12:54:10	Bright	42.500	96	68Del Leo	2.5600	9300.0	85	40229	No
72	GOM_NL__2PRFIN20091109_132132_000000472084_00096_40230_9537.N1	09-NOV-2009 13:21:32	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40230	No
73	GOM_NL__2PRFIN20091109_132634_000000582084_00096_40230_9538.N1	09-NOV-2009 13:26:34	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	40230	No
74	GOM_NL__2PRFIN20091109_134333_000000562084_00096_40230_9539.N1	09-NOV-2009 13:43:33	Straylight	56.000	165	34Gam Eri	2.9500	3200.0	112	40230	No
75	GOM_NL__2PRFIN20091109_134922_000000502084_00096_40230_9540.N1	09-NOV-2009 13:49:22	Twilight_stray	50.000	94	92Alp Cet	2.5260	3100.0	100	40230	No
76	GOM_NL__2PRFIN20091109_135400_000000372084_00096_40230_9541.N1	09-NOV-2009 13:54:00	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	40230	No
77	GOM_NL__2PRFIN20091109_135810_000000372084_00096_40230_9542.N1	09-NOV-2009 13:58:10	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	40230	No
78	GOM_NL__2PRFIN20091109_140014_000000392084_00096_40230_9543.N1	09-NOV-2009 14:00:14	Bright	39.000	73	57Gam1And	2.2600	13100.	78	40230	No
79	GOM_NL__2PRFIN20091109_140350_000000432084_00096_40230_9544.N1	09-NOV-2009 14:03:50	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	40230	No
80	GOM_NL__2PRFIN20091109_142115_000000422084_00096_40230_9545.N1	09-NOV-2009 14:21:15	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40230	No
81	GOM_NL__2PRFIN20091109_142253_000000402084_00096_40230_9546.N1	09-NOV-2009 14:22:53	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40230	No
82	GOM_NL__2PRFIN20091109_142646_000000452084_00096_40230_9547.N1	09-NOV-2009 14:26:46	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	40230	No
83	GOM_NL__2PRFIN20091109_143446_000000432084_00096_40230_9548.N1	09-NOV-2009 14:34:46	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40230	No
84	GOM_NL__2PRFIN20091109_150208_000000492084_00097_40231_9548.N1	09-NOV-2009 15:02:08	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40231	No
85	GOM_NL__2PRFIN20091109_150710_000000622084_00097_40231_9549.N1	09-NOV-2009 15:07:10	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	40231	No
86	GOM_NL__2PRFIN20091109_152409_000000562084_00097_40231_9550.N1	09-NOV-2009 15:24:09	Straylight	55.500	165	34Gam Eri	2.9500	3200.0	111	40231	No
87	GOM_NL__2PRFIN20091109_152957_000000512084_00097_40231_9551.N1	09-NOV-2009 15:29:57	Twilight_stray	50.500	94	92Alp Cet	2.5260	3100.0	101	40231	No
88	GOM_NL__2PRFIN20091109_153436_000000372084_00097_40231_9552.N1	09-NOV-2009 15:34:36	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	40231	No
89	GOM_NL__2PRFIN20091109_153846_000000382084_00097_40231_9553.N1	09-NOV-2009 15:38:46	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40231	No
90	GOM_NL__2PRFIN20091109_154049_000000392084_00097_40231_9554.N1	09-NOV-2009 15:40:49	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40231	No
91	GOM_NL__2PRFIN20091109_154426_000000412084_00097_40231_9555.N1	09-NOV-2009 15:44:26	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	40231	No
92	GOM_NL__2PRFIN20091109_160151_000000422084_00097_40231_9556.N1	09-NOV-2009 16:01:51	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40231	No
93	GOM_NL__2PRFIN20091109_160329_000000502084_00097_40231_9557.N1	09-NOV-2009 16:03:29	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	40231	No
94	GOM_NL__2PRFIN20091109_160722_000000412084_00097_40231_9558.N1	09-NOV-2009 16:07:22	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	40231	No
95	GOM_NL__2PRFIN20091109_161522_000000442084_00097_40231_9559.N1	09-NOV-2009 16:15:22	Bright	43.500	96	68Del Leo	2.5600	9300.0	87	40231	No
96	GOM_NL__2PRFIN20091109_164245_000000482084_00098_40232_9559.N1	09-NOV-2009 16:42:45	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40232	No
97	GOM_NL__2PRFIN20091109_164747_000000482084_00098_40232_9560.N1	09-NOV-2009 16:47:47	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40232	No
98	GOM_NL__2PRFIN20091109_170445_000000572084_00098_40232_9561.N1	09-NOV-2009 17:04:45	Straylight	57.000	165	34Gam Eri	2.9500	3200.0	114	40232	No
99	GOM_NL__2PRFIN20091109_171033_000000512084_00098_40232_9562.N1	09-NOV-2009 17:10:33	Twilight_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40232	No
100	GOM_NL__2PRFIN20091109_171512_000000382084_00098_40232_9563.N1	09-NOV-2009 17:15:12	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40232	No
101	GOM_NL__2PRFIN20091109_171921_000000372084_00098_40232_9564.N1	09-NOV-2009 17:19:21	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	40232	No

102	GOM_NL__2PRFIN20091109_172125_000000402084_00098_40232_9565.N1	09-NOV-2009 17:21:25	Bright	39.500	73	57Gam1And	2.2600	13100.	79	40232	No
103	GOM_NL__2PRFIN20091109_172501_000000442084_00098_40232_9566.N1	09-NOV-2009 17:25:01	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	40232	No
104	GOM_NL__2PRFIN20091109_174226_000000402084_00098_40232_9567.N1	09-NOV-2009 17:42:26	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	40232	No
105	GOM_NL__2PRFIN20091109_174405_000000462084_00098_40232_9568.N1	09-NOV-2009 17:44:05	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40232	No
106	GOM_NL__2PRFIN20091109_174758_000000392084_00098_40232_9569.N1	09-NOV-2009 17:47:58	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	40232	No
107	GOM_NL__2PRFIN20091109_175559_000000442084_00098_40232_9570.N1	09-NOV-2009 17:55:59	Bright	44.000	96	68Del Leo	2.5600	9300.0	88	40232	No
108	GOM_NL__2PRFIN20091109_182323_000000482084_00099_40233_9591.N1	09-NOV-2009 18:23:23	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40233	No
109	GOM_NL__2PRFIN20091109_182824_000000482084_00099_40233_9592.N1	09-NOV-2009 18:28:24	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40233	No
110	GOM_NL__2PRFIN20091109_184521_000000542084_00099_40233_9593.N1	09-NOV-2009 18:45:21	Straylight	54.000	165	34Gam Eri	2.9500	3200.0	108	40233	No
111	GOM_NL__2PRFIN20091109_185109_000000492084_00099_40233_9594.N1	09-NOV-2009 18:51:09	Twilight_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40233	No
112	GOM_NL__2PRFIN20091109_185548_000000392084_00099_40233_9595.N1	09-NOV-2009 18:55:48	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40233	No
113	GOM_NL__2PRFIN20091109_185957_000000372084_00099_40233_9596.N1	09-NOV-2009 18:59:57	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	40233	No
114	GOM_NL__2PRFIN20091109_190201_000000382084_00099_40233_9597.N1	09-NOV-2009 19:02:01	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40233	No
115	GOM_NL__2PRFIN20091109_190537_000000402084_00099_40233_9598.N1	09-NOV-2009 19:05:37	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	40233	No
116	GOM_NL__2PRFIN20091109_192303_000000442084_00099_40233_9599.N1	09-NOV-2009 19:23:03	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40233	No
117	GOM_NL__2PRFIN20091109_192440_000000412084_00099_40233_9600.N1	09-NOV-2009 19:24:40	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40233	No
118	GOM_NL__2PRFIN20091109_192834_000000512084_00099_40233_9601.N1	09-NOV-2009 19:28:34	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	40233	No
119	GOM_NL__2PRFIN20091109_193635_000000432084_00099_40233_9602.N1	09-NOV-2009 19:36:35	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	40233	No
120	GOM_NL__2PRFIN20091109_200359_000000482084_00100_40234_9599.N1	09-NOV-2009 20:03:59	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40234	No
121	GOM_NL__2PRFIN20091109_200900_000000622084_00100_40234_9600.N1	09-NOV-2009 20:09:00	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	40234	No
122	GOM_NL__2PRFIN20091109_202557_000000562084_00100_40234_9601.N1	09-NOV-2009 20:25:57	Straylight	56.000	165	34Gam Eri	2.9500	3200.0	112	40234	No
123	GOM_NL__2PRFIN20091109_203145_000000482084_00100_40234_9602.N1	09-NOV-2009 20:31:45	Twilight_stray	48.000	94	92Alp Cet	2.5260	3100.0	96	40234	No
124	GOM_NL__2PRFIN20091109_203624_000000392084_00100_40234_9603.N1	09-NOV-2009 20:36:24	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40234	No
125	GOM_NL__2PRFIN20091109_204033_000000362084_00100_40234_9604.N1	09-NOV-2009 20:40:33	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40234	No
126	GOM_NL__2PRFIN20091109_204237_000000392084_00100_40234_9605.N1	09-NOV-2009 20:42:37	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40234	No
127	GOM_NL__2PRFIN20091109_204446_000000272084_00100_40234_9606.N1	09-NOV-2009 20:44:46	Twilight_stray	27.000	149	45Eps Per	2.8880	30000.	54	40234	No
128	GOM_NL__2PRFIN20091109_204613_000000432084_00100_40234_9607.N1	09-NOV-2009 20:46:13	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	40234	No
129	GOM_NL__2PRFIN20091109_210338_000000432084_00100_40234_9608.N1	09-NOV-2009 21:03:38	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40234	No
130	GOM_NL__2PRFIN20091109_210516_000000392084_00100_40234_9609.N1	09-NOV-2009 21:05:16	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	40234	No
131	GOM_NL__2PRFIN20091109_210909_000000422084_00100_40234_9610.N1	09-NOV-2009 21:09:09	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	40234	No
132	GOM_NL__2PRFIN20091109_211711_000000442084_00100_40234_9611.N1	09-NOV-2009 21:17:11	Bright	44.000	96	68Del Leo	2.5600	9300.0	88	40234	No
133	GOM_NL__2PRFIN20091109_214436_000000482084_00101_40235_9613.N1	09-NOV-2009 21:44:36	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40235	No
134	GOM_NL__2PRFIN20091109_214937_000000512084_00101_40235_9614.N1	09-NOV-2009 21:49:37	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	40235	No
135	GOM_NL__2PRFIN20091109_220633_000000552084_00101_40235_9615.N1	09-NOV-2009 22:06:33	Straylight	54.500	165	34Gam Eri	2.9500	3200.0	109	40235	No
136	GOM_NL__2PRFIN20091109_221221_000000492084_00101_40235_9616.N1	09-NOV-2009 22:12:21	Twilight_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40235	No
137	GOM_NL__2PRFIN20091109_221700_000000362084_00101_40235_9617.N1	09-NOV-2009 22:17:00	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	40235	No
138	GOM_NL__2PRFIN20091109_222109_000000362084_00101_40235_9618.N1	09-NOV-2009 22:21:09	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40235	No
139	GOM_NL__2PRFIN20091109_222312_000000352084_00101_40235_9619.N1	09-NOV-2009 22:23:12	Bright	35.000	73	57Gam1And	2.2600	13100.	70	40235	No
140	GOM_NL__2PRFIN20091109_222521_000000272084_00101_40235_9620.N1	09-NOV-2009 22:25:21	Twilight_stray	27.000	149	45Eps Per	2.8880	30000.	54	40235	No
141	GOM_NL__2PRFIN20091109_222648_000000412084_00101_40235_9621.N1	09-NOV-2009 22:26:48	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	40235	No
142	GOM_NL__2PRFIN20091109_224414_000000432084_00101_40235_9622.N1	09-NOV-2009 22:44:14	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40235	No
143	GOM_NL__2PRFIN20091109_224552_000000422084_00101_40235_9623.N1	09-NOV-2009 22:45:52	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	40235	No
144	GOM_NL__2PRFIN20091109_224945_000000452084_00101_40235_9624.N1	09-NOV-2009 22:49:45	Bright	45.000	174	52Psi UMa	3.0040	4400.0	90	40235	No
145	GOM_NL__2PRFIN20091109_225748_000000432084_00101_40235_9625.N1	09-NOV-2009 22:57:48	Bright	42.500	96	68Del Leo	2.5600	9300.0	85	40235	No
146	GOM_NL__2PRFIN20091109_232513_000000482084_00102_40236_9623.N1	09-NOV-2009 23:25:13	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40236	No
147	GOM_NL__2PRFIN20091109_233014_000000462084_00102_40236_9624.N1	09-NOV-2009 23:30:14	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40236	No
148	GOM_NL__2PRFIN20091109_234709_000000552084_00102_40236_9625.N1	09-NOV-2009 23:47:09	Straylight	54.500	165	34Gam Eri	2.9500	3200.0	109	40236	No
149	GOM_NL__2PRFIN20091109_235256_000000502084_00102_40236_9626.N1	09-NOV-2009 23:52:56	Twilight_stray	49.500	94	92Alp Cet	2.5260	3100.0	99	40236	No
150	GOM_NL__2PRFIN20091109_235736_000000392084_00102_40236_9627.N1	09-NOV-2009 23:57:36	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40236	No

3. Quality information per product

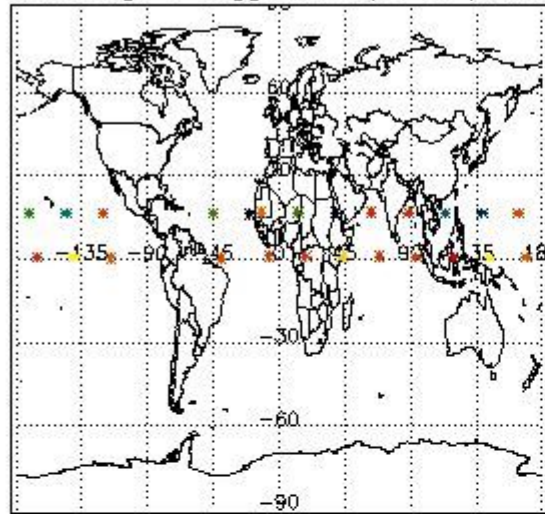
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

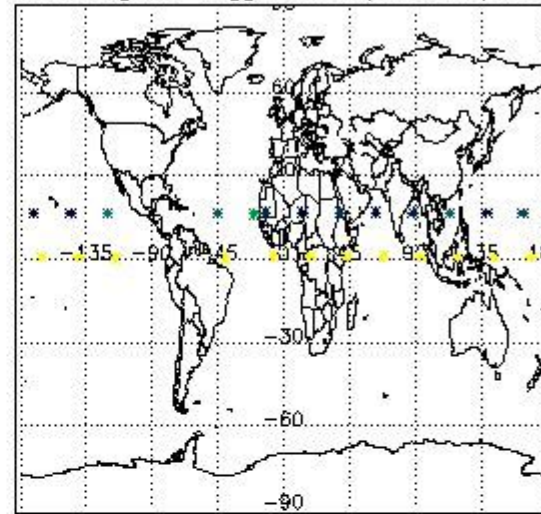


3.2 Plot quality information per product (world map)

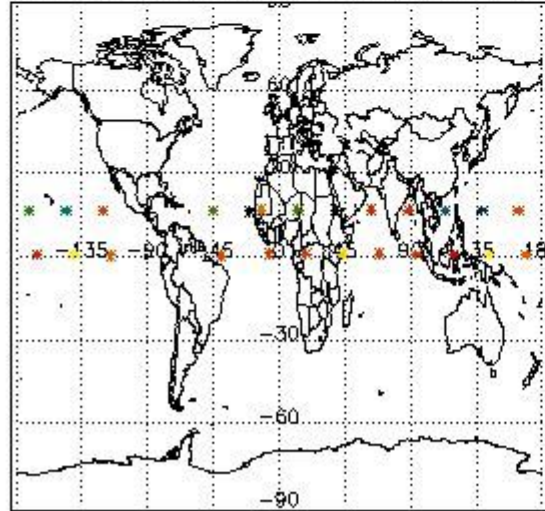
Percentage of flagged data per O3 profile



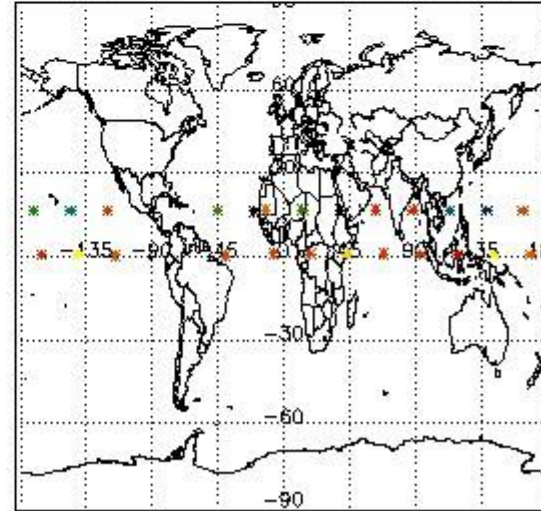
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

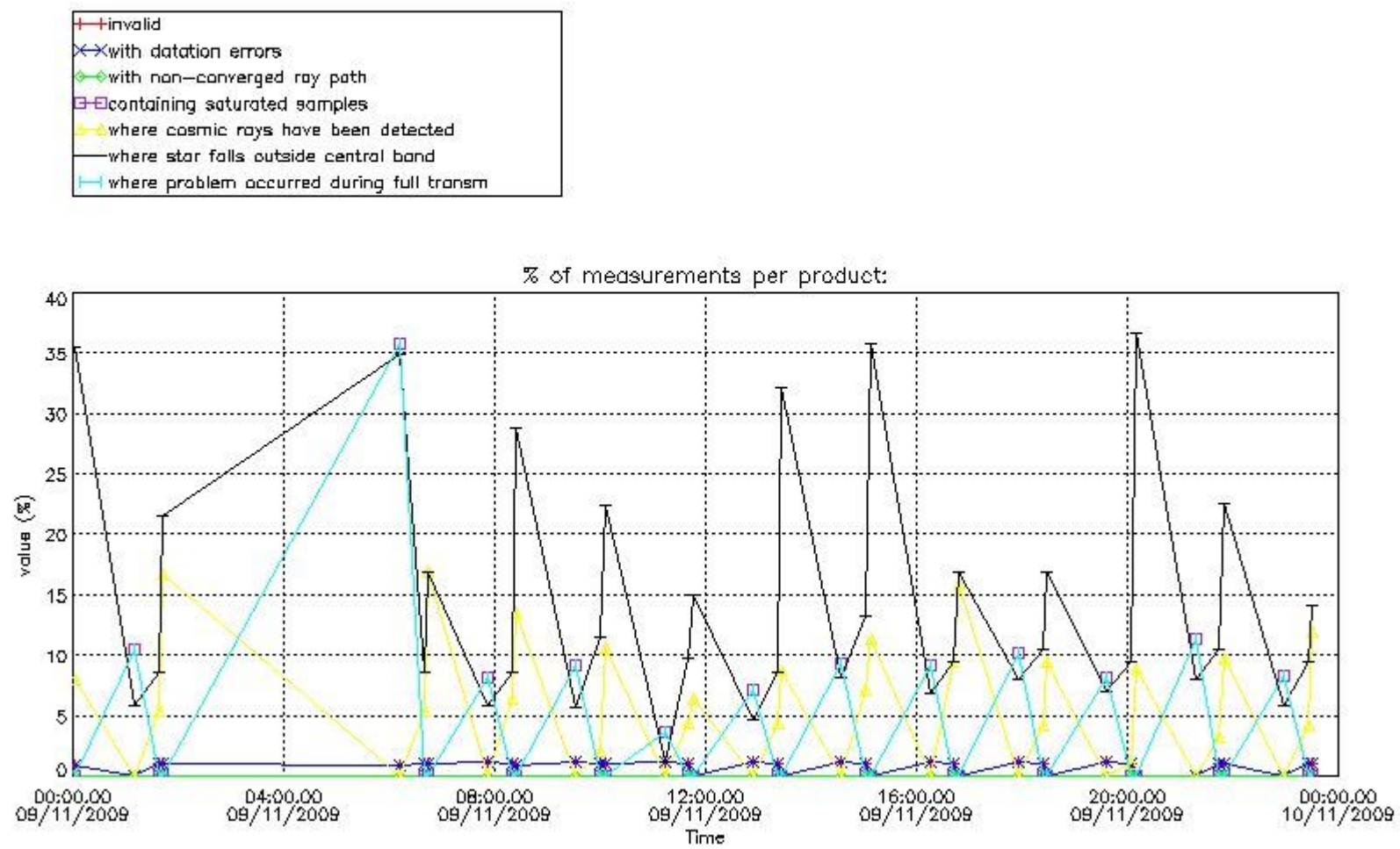


4. Level 1 quality information per product

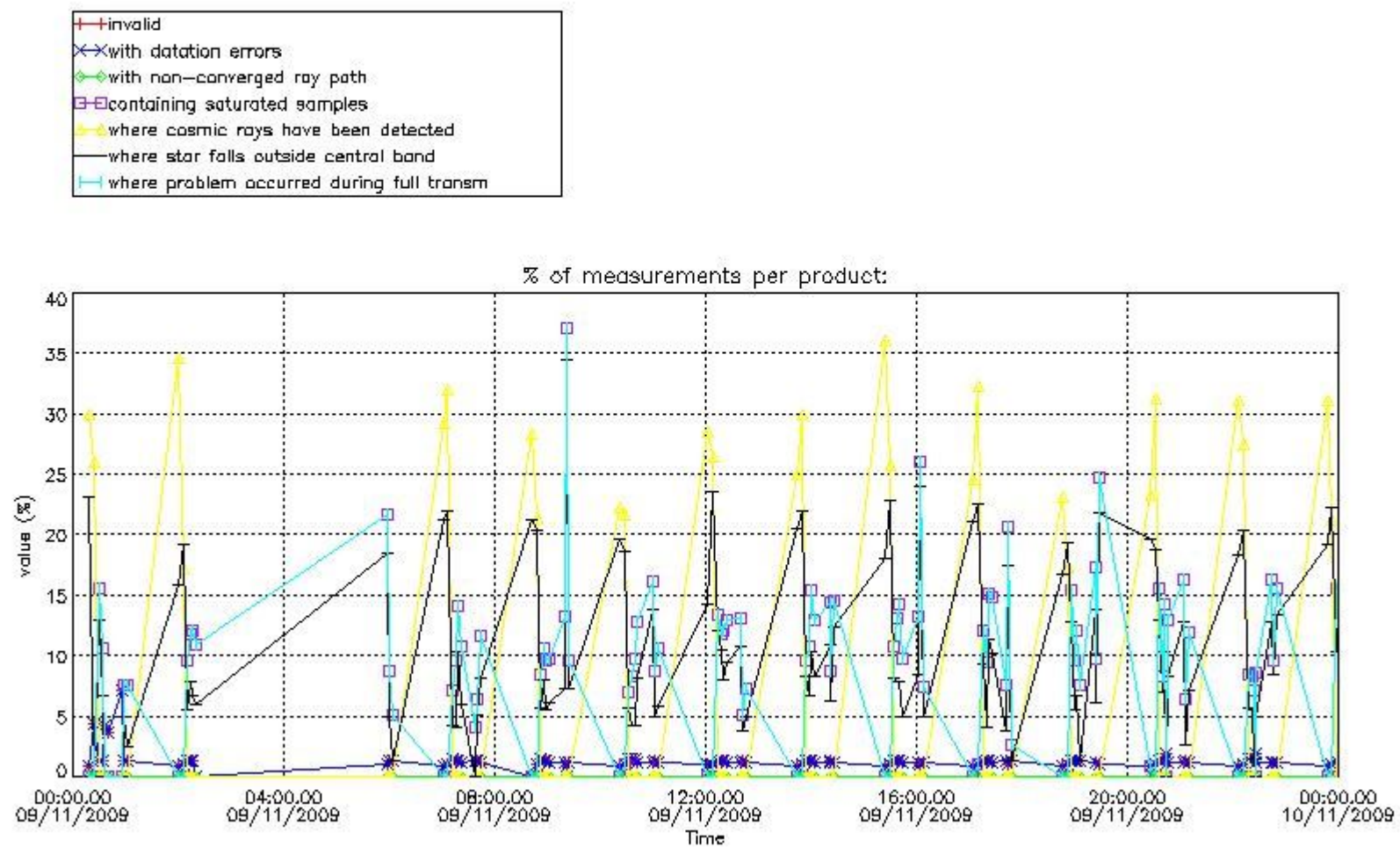
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



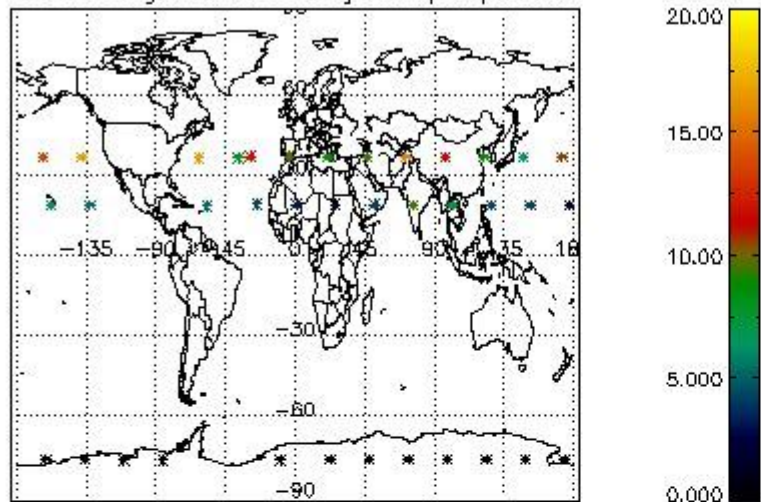
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



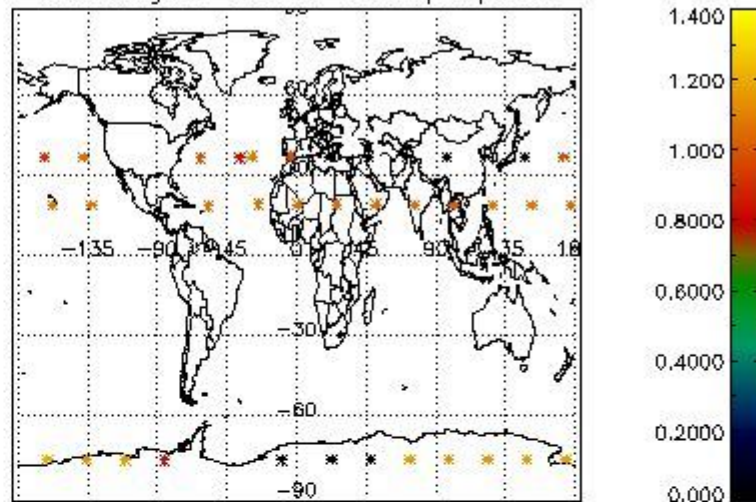
4.2 Plot quality information per product coming from level 1b processing (world map)

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

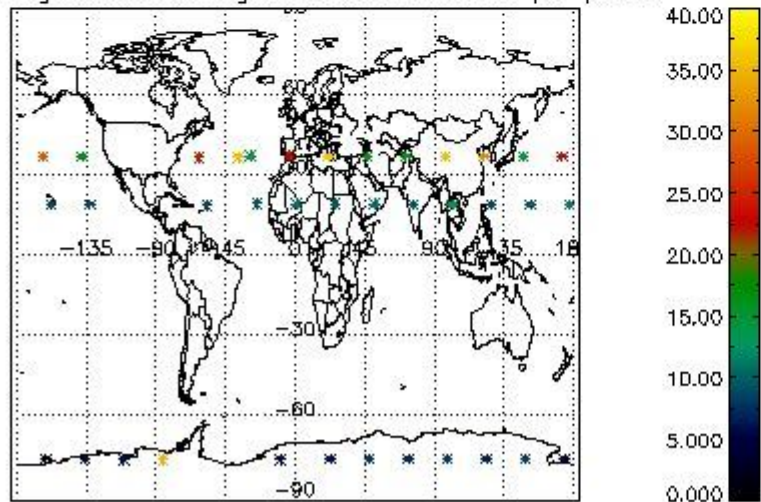
Percentage of cosmic ray hits per profile



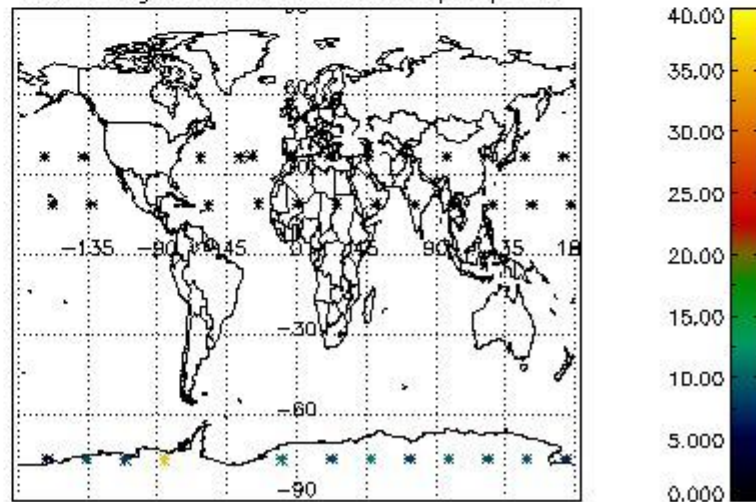
Percentage of datation errors per profile



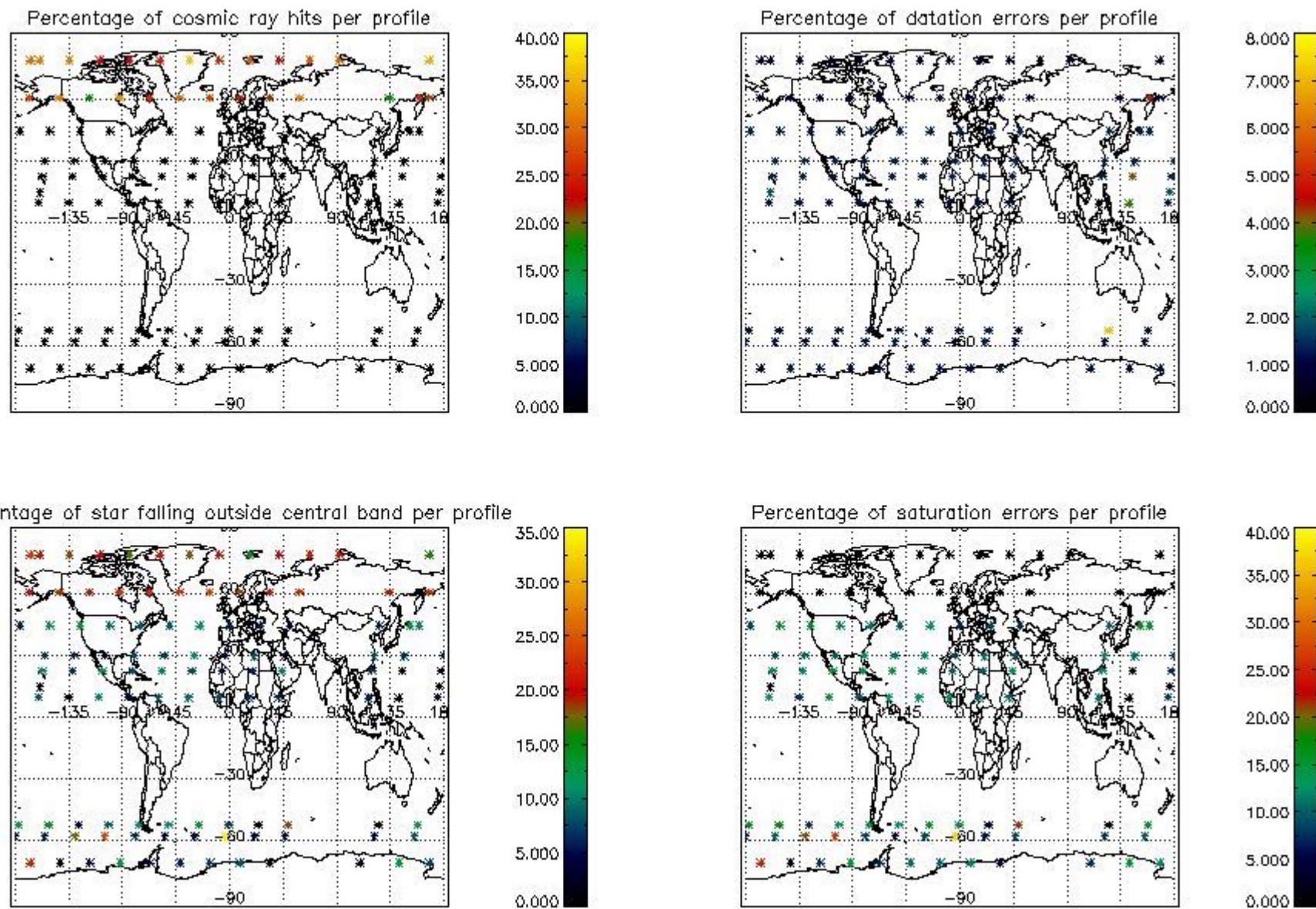
Percentage of star falling outside central band per profile



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

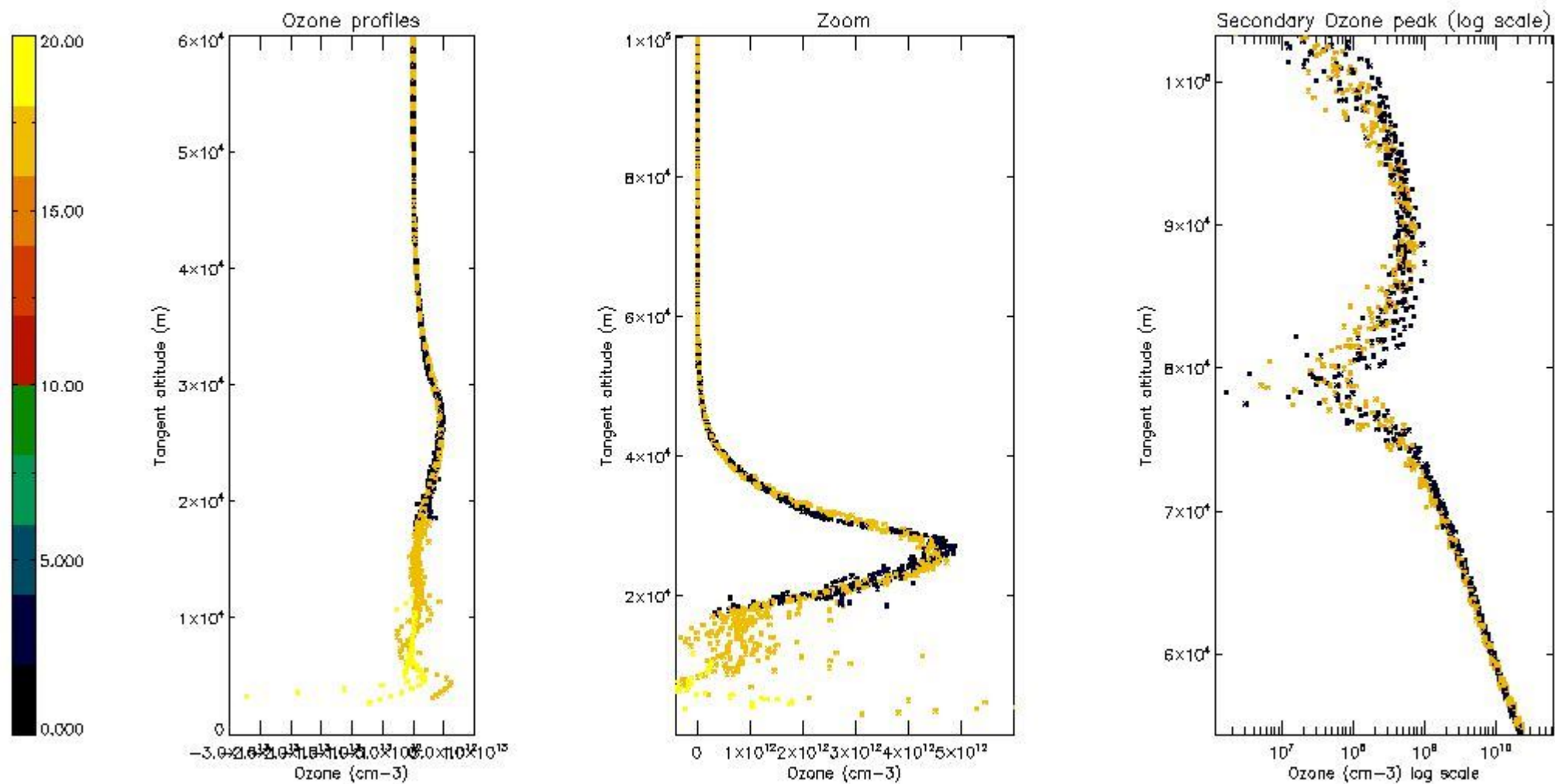
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	15

STD < 10	13
STD < 5	11

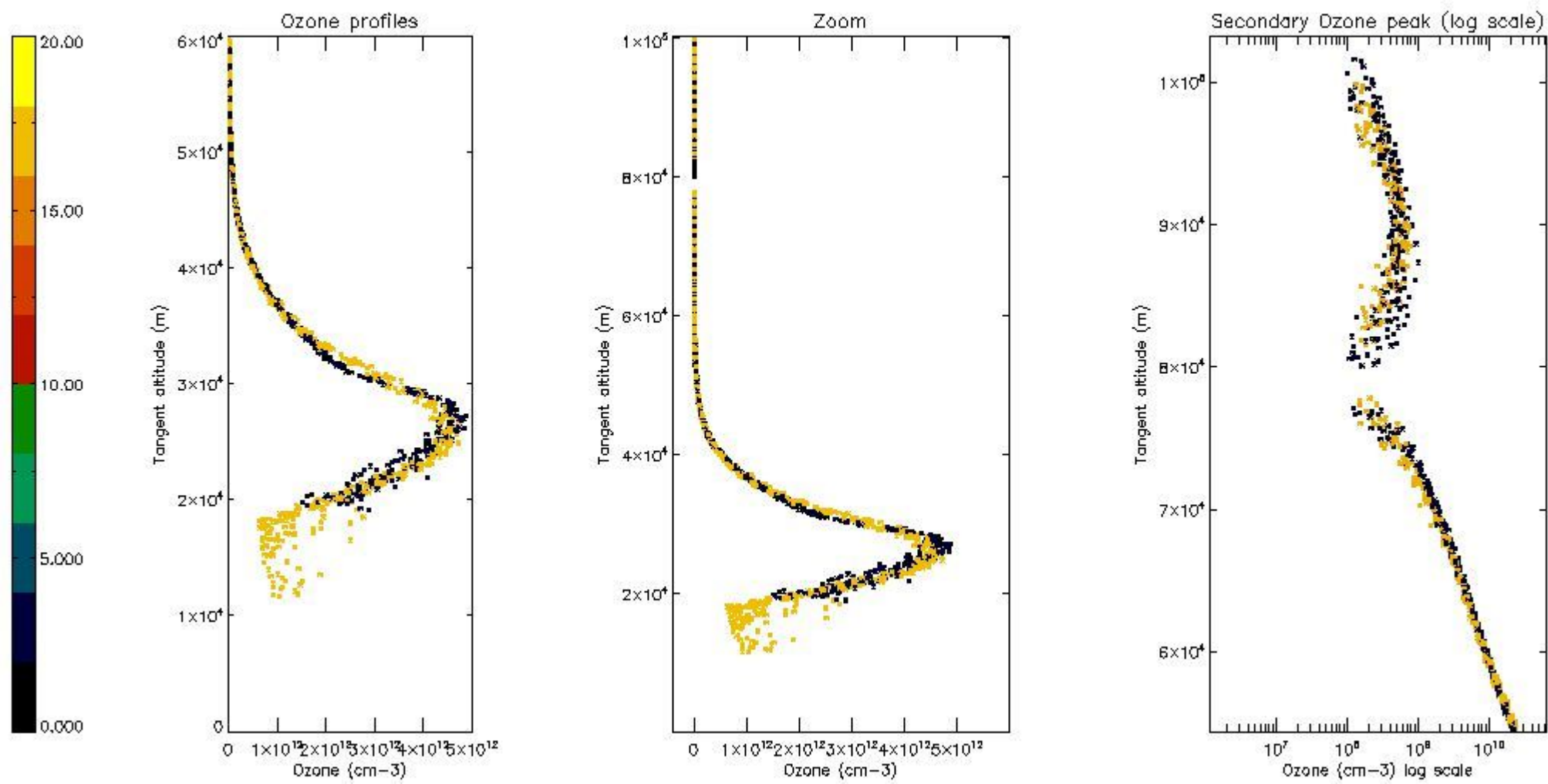
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



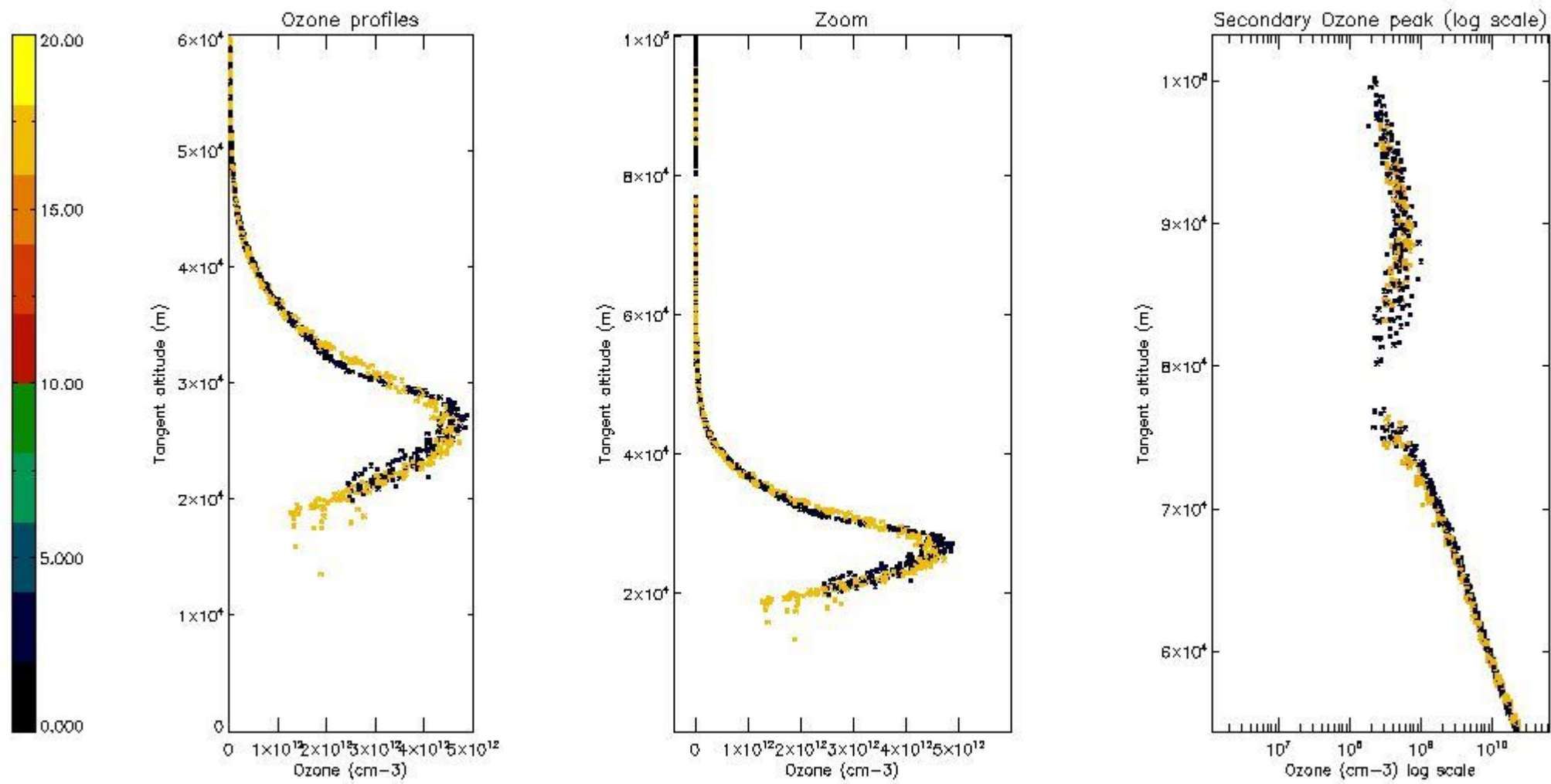
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



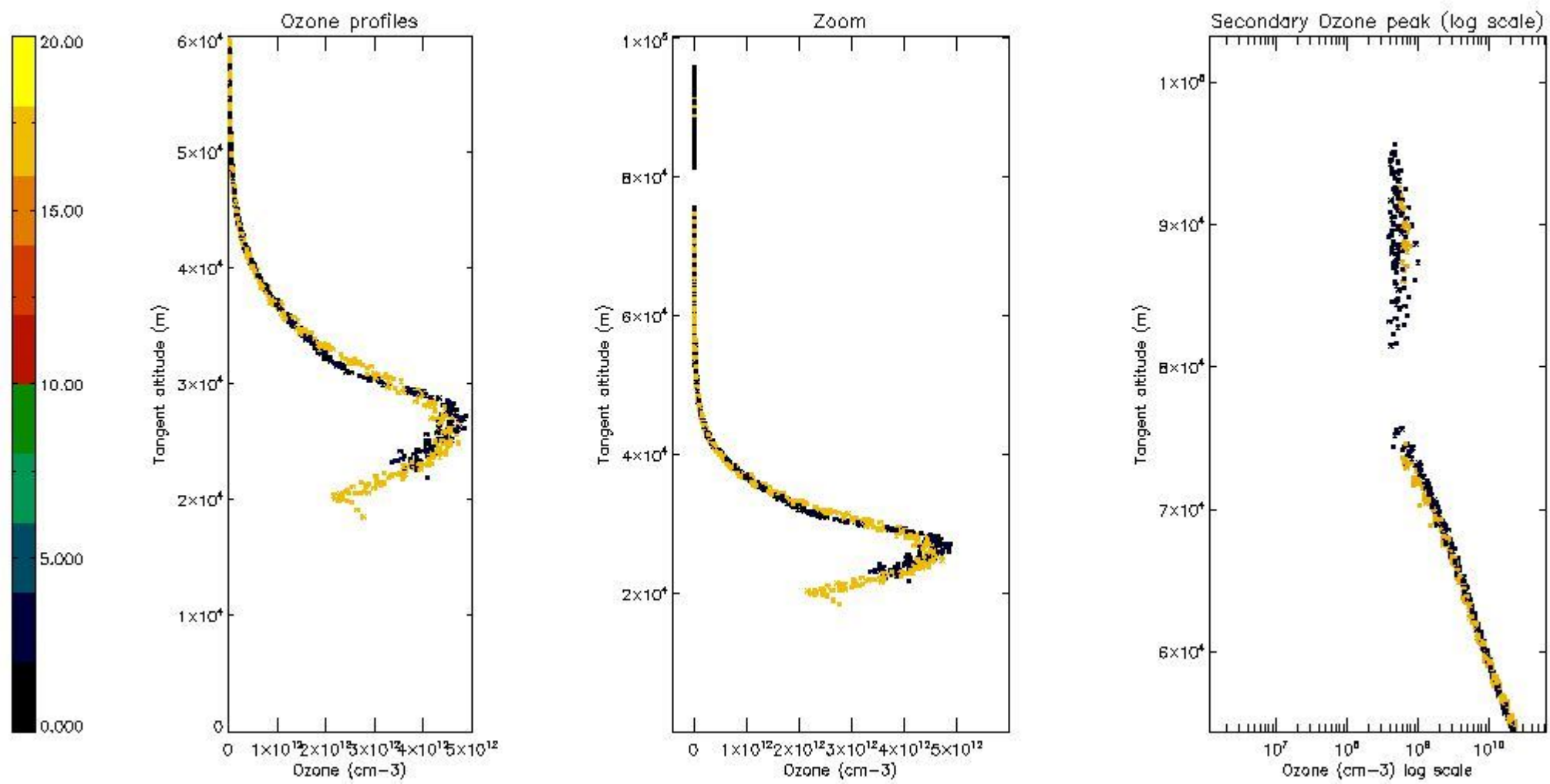
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



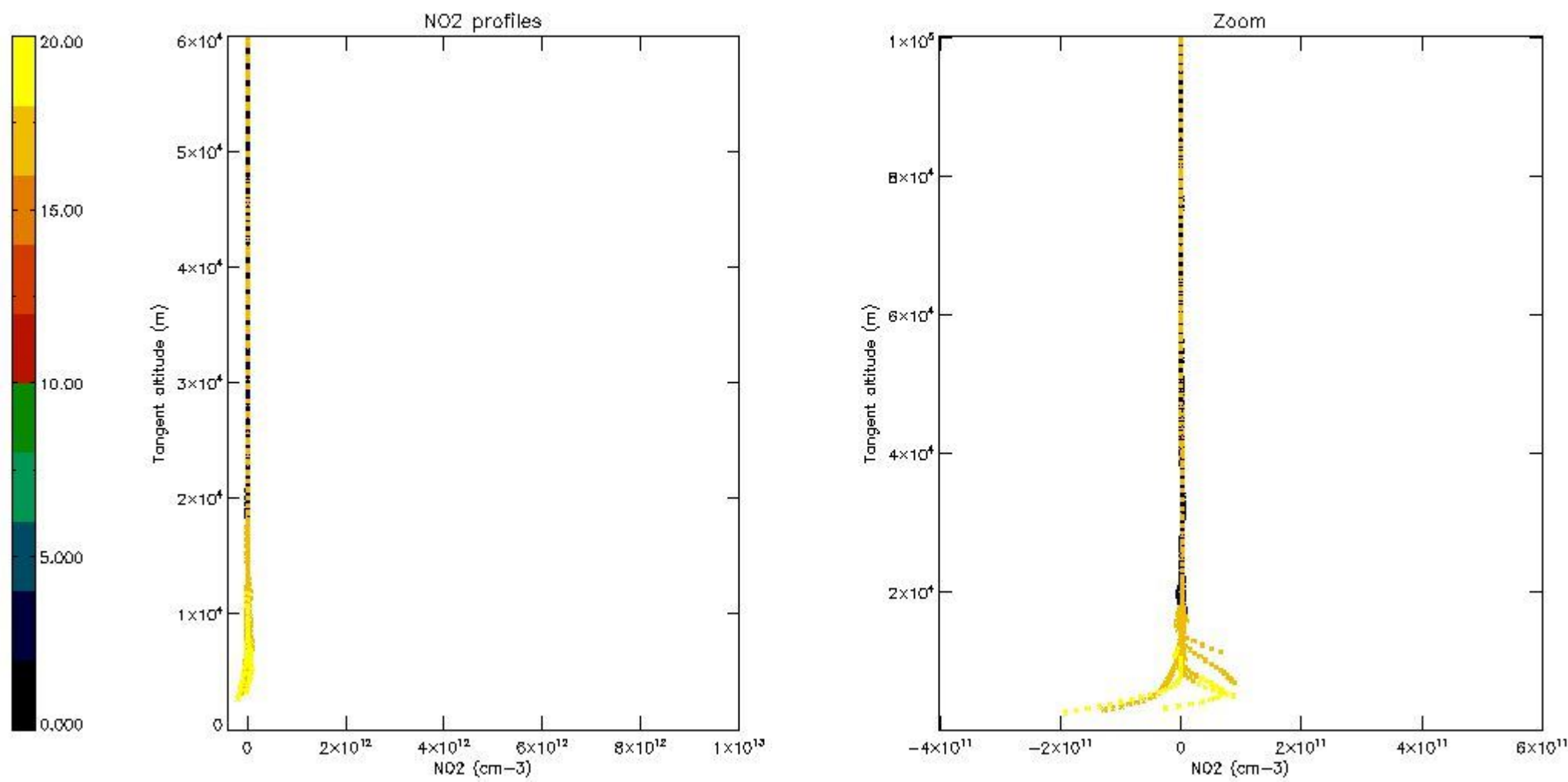
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



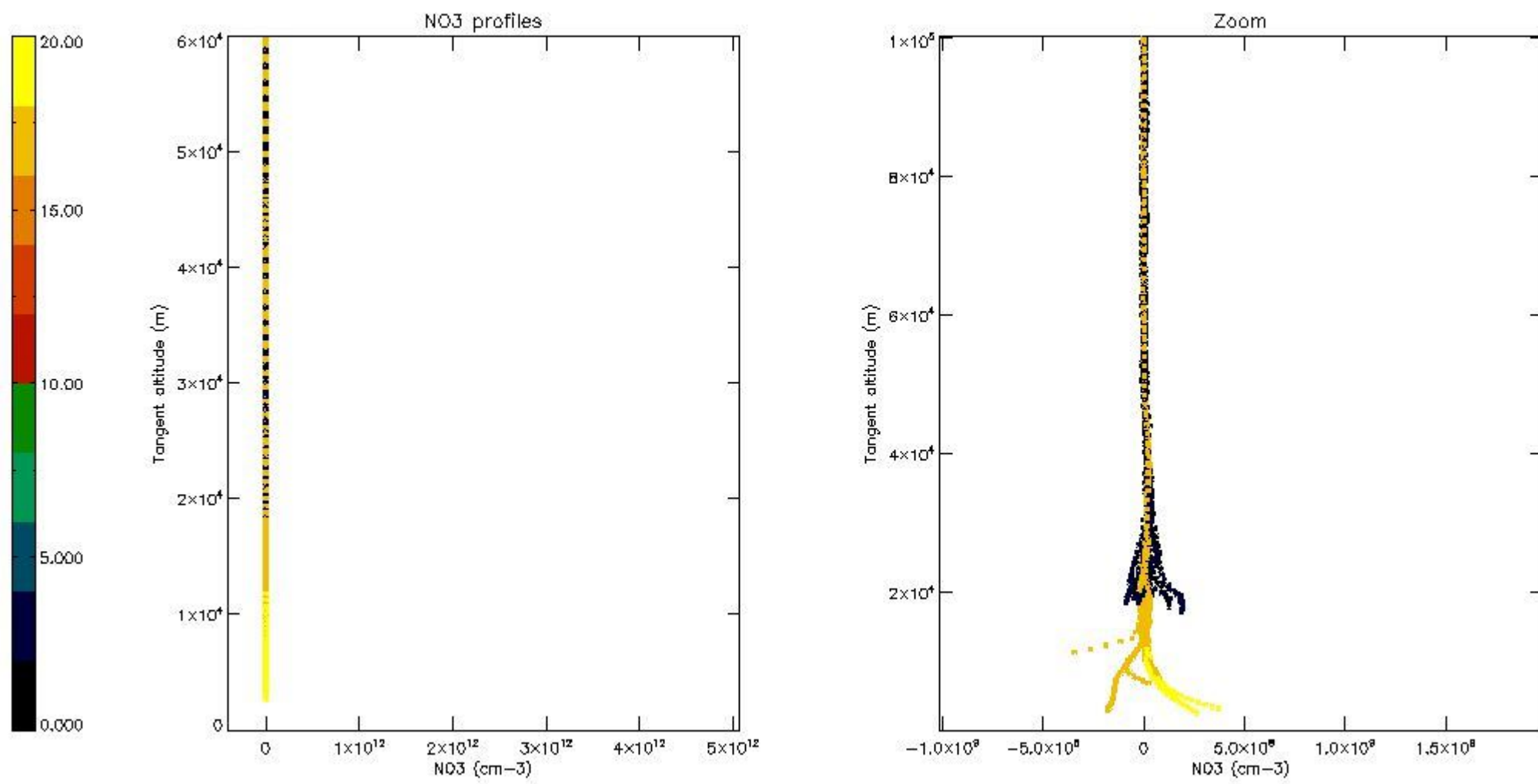
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



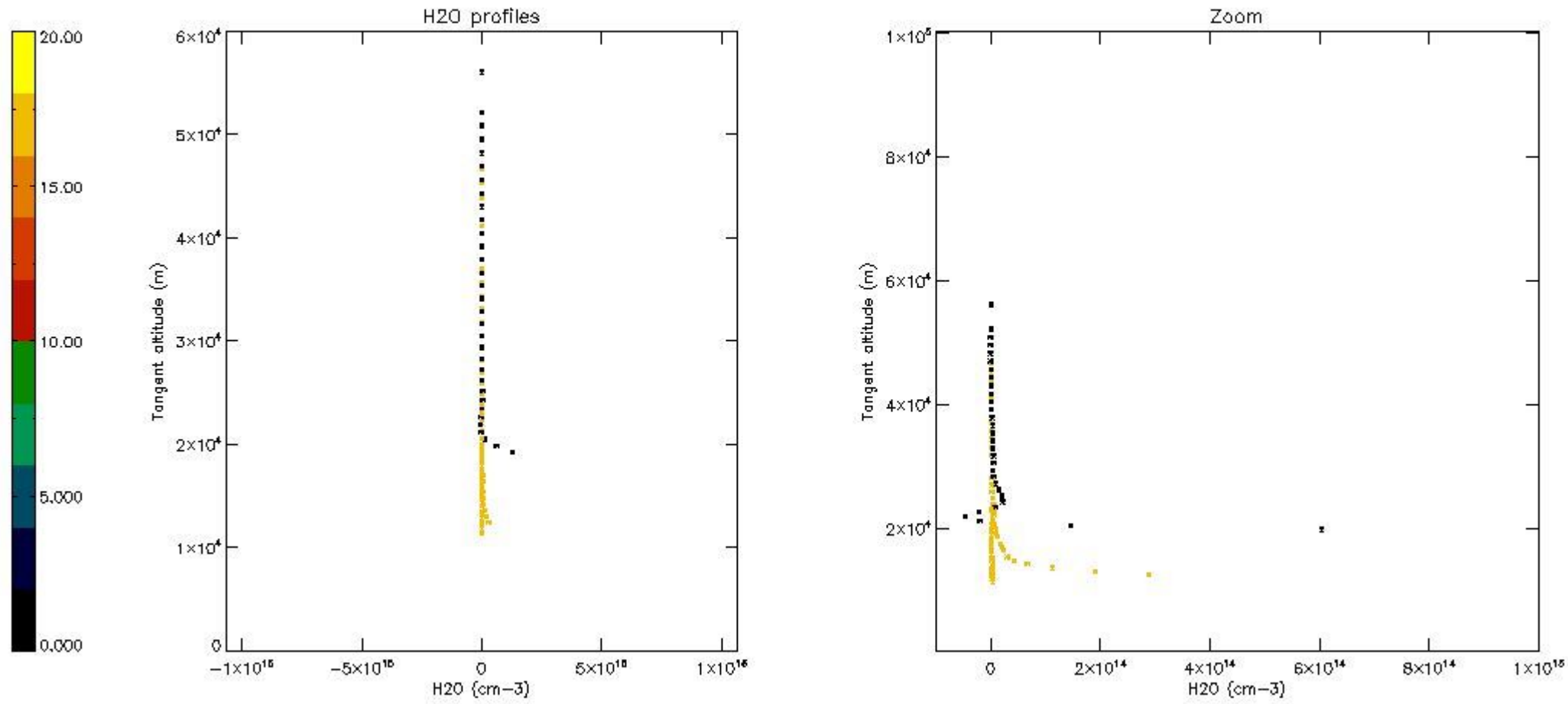
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

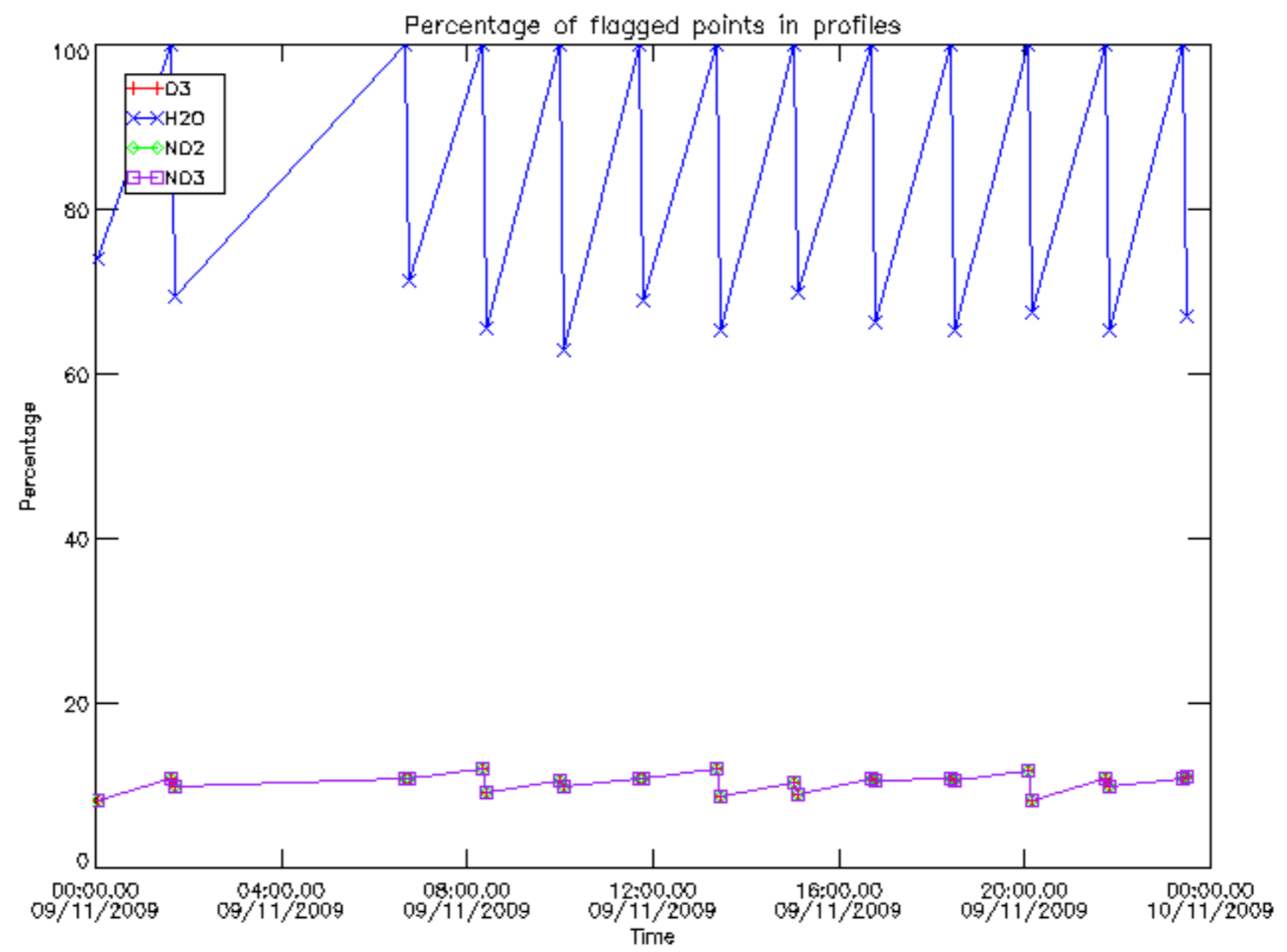
The colorbar represents the latitude.



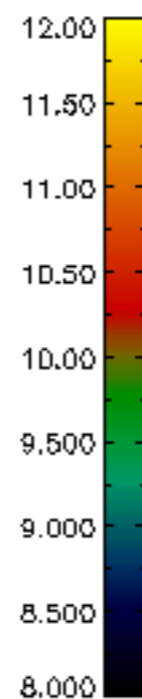
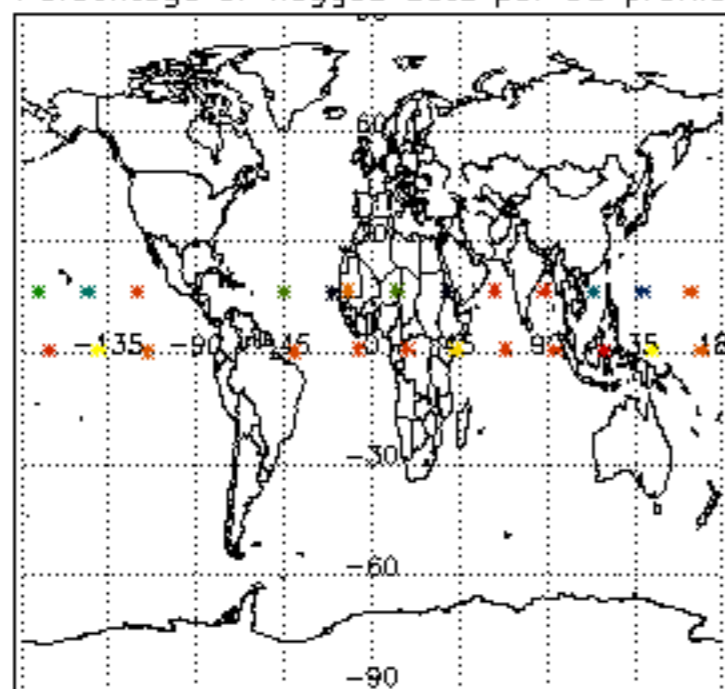
6. Auxiliary Data Files used for the production reported in section 2

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

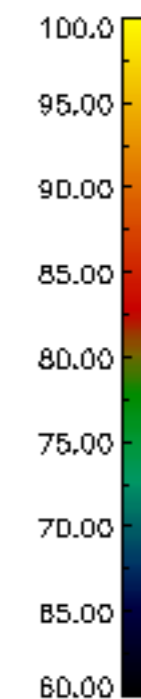
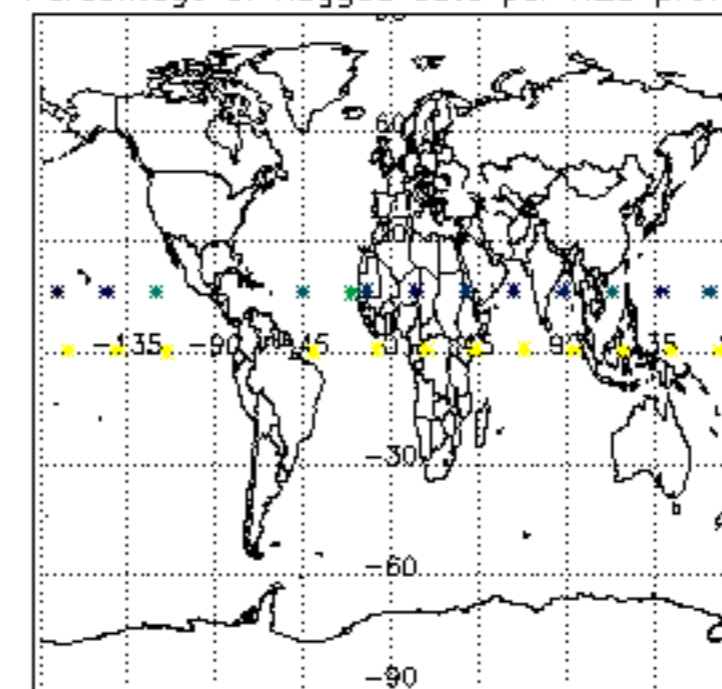
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-NOV-2009 00:01:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-NOV-2009 00:01:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-NOV-2009 00:01:40



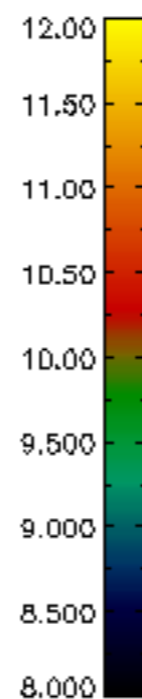
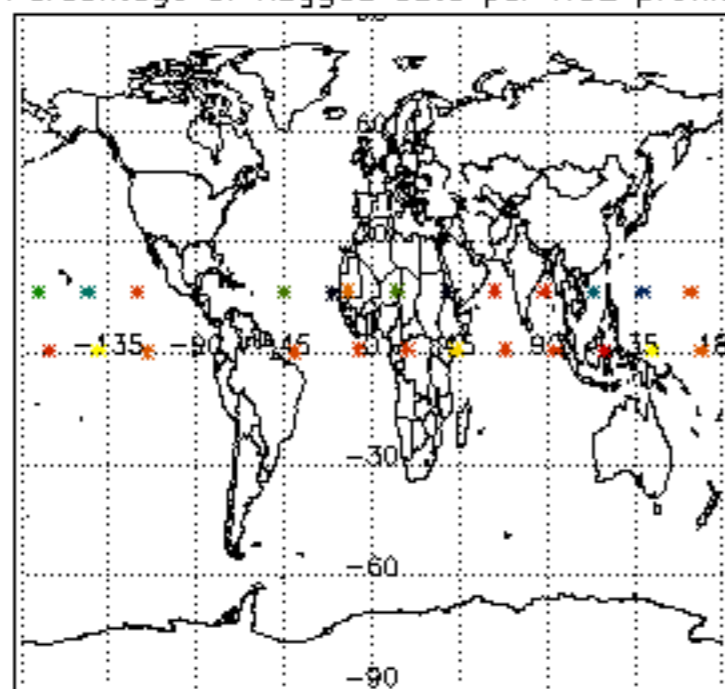
Percentage of flagged data per D3 profile



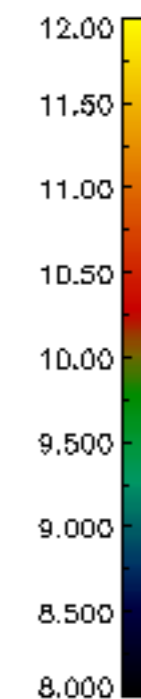
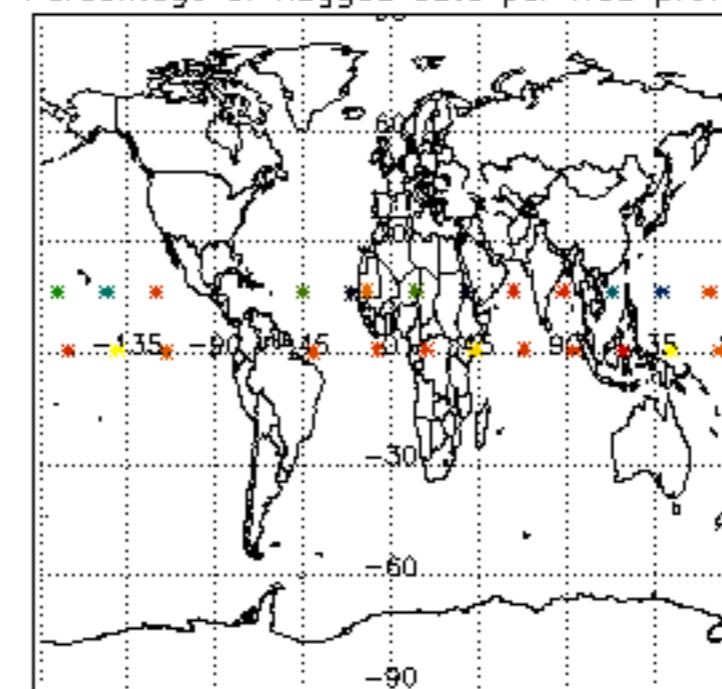
Percentage of flagged data per H2O profile

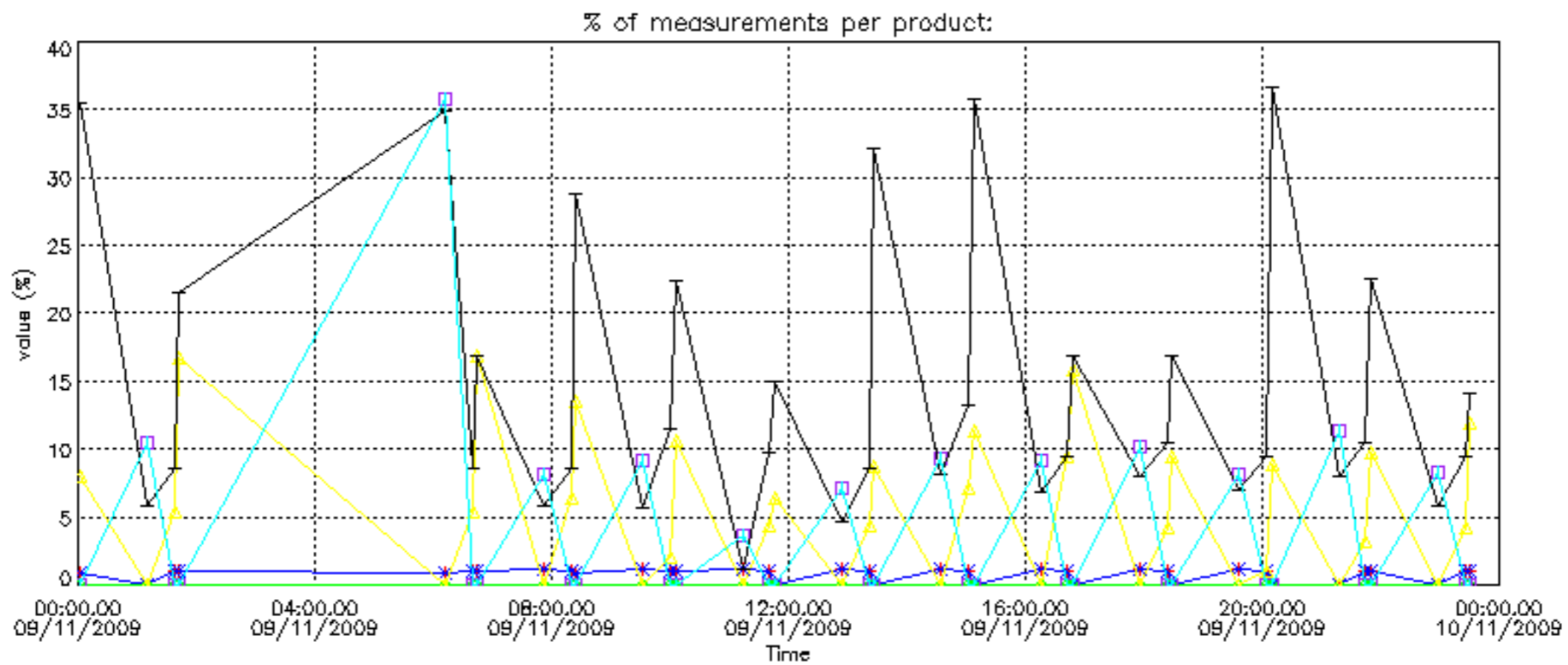


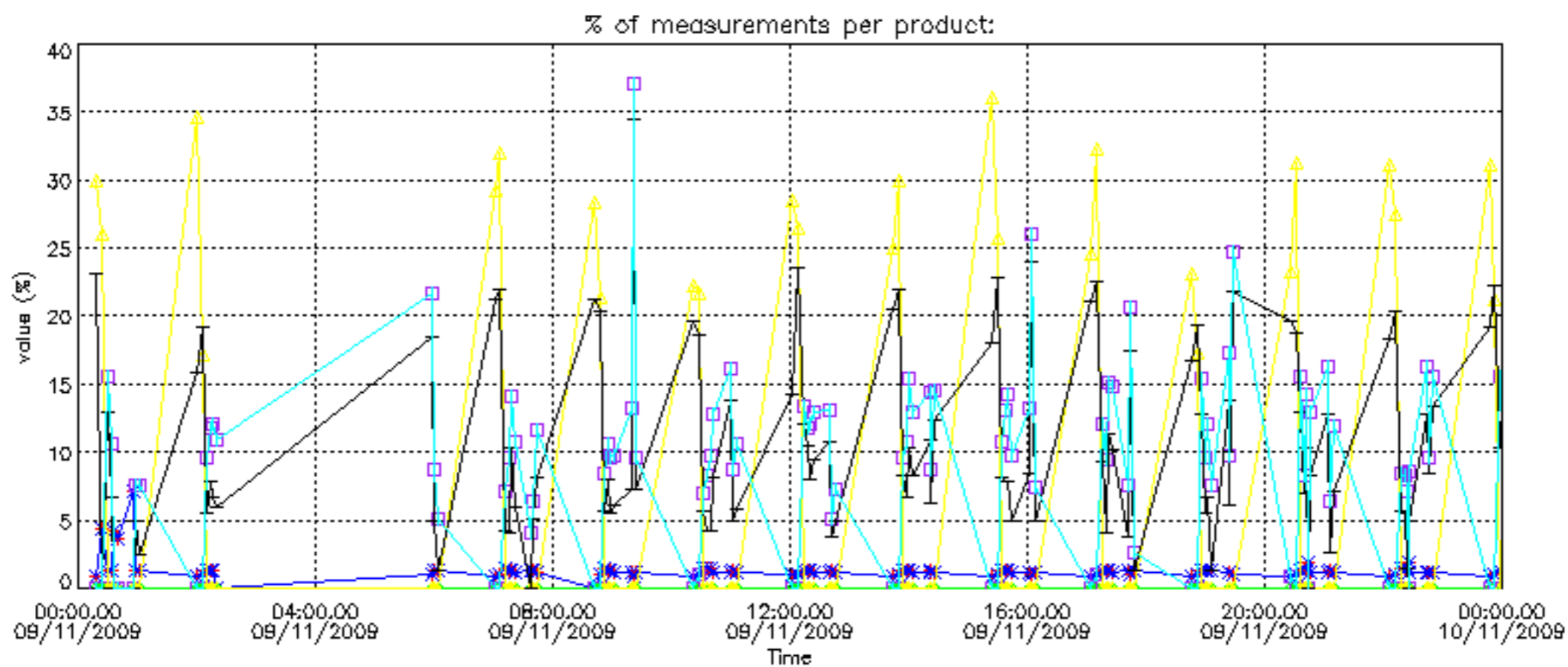
Percentage of flagged data per NO2 profile



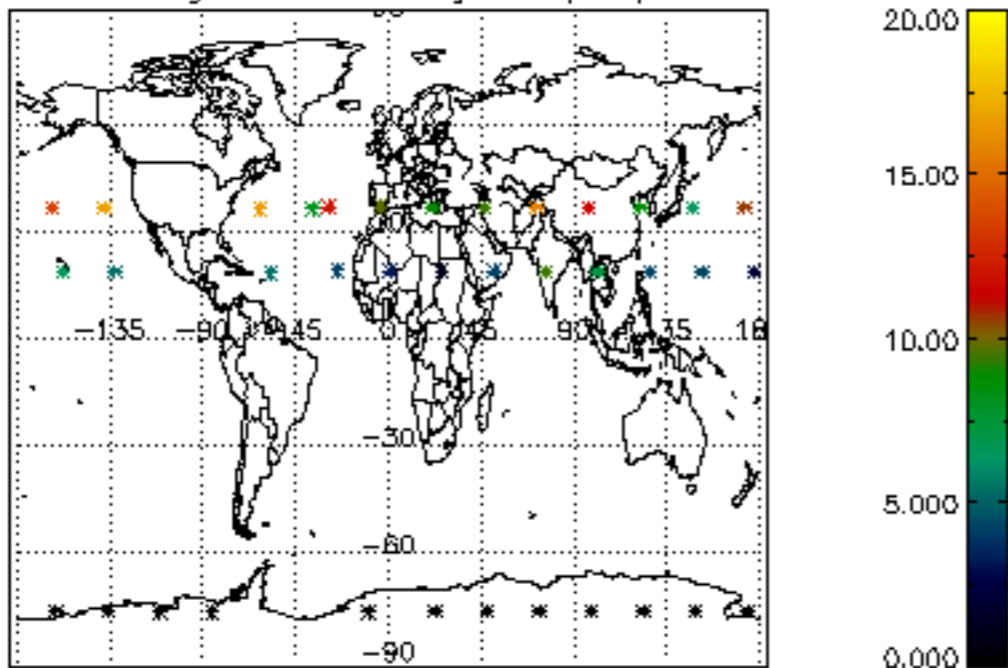
Percentage of flagged data per NO3 profile



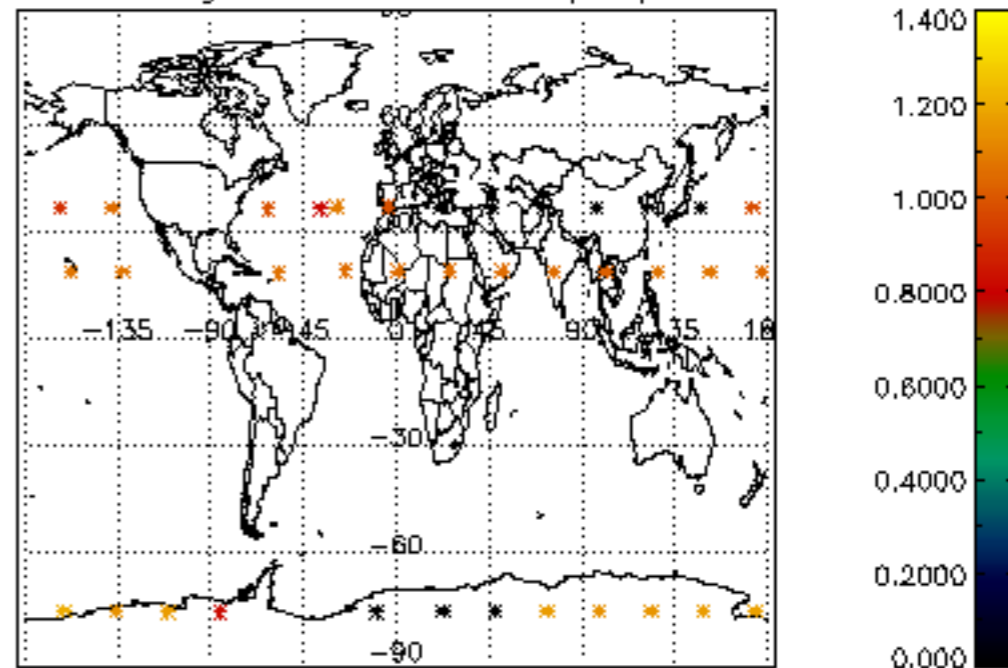




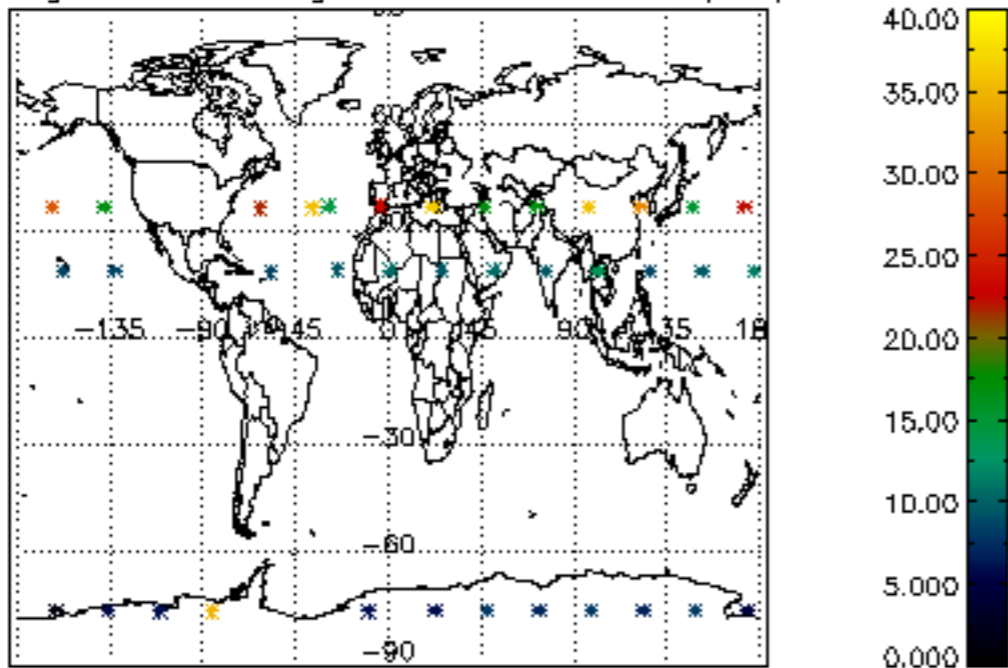
Percentage of cosmic ray hits per profile



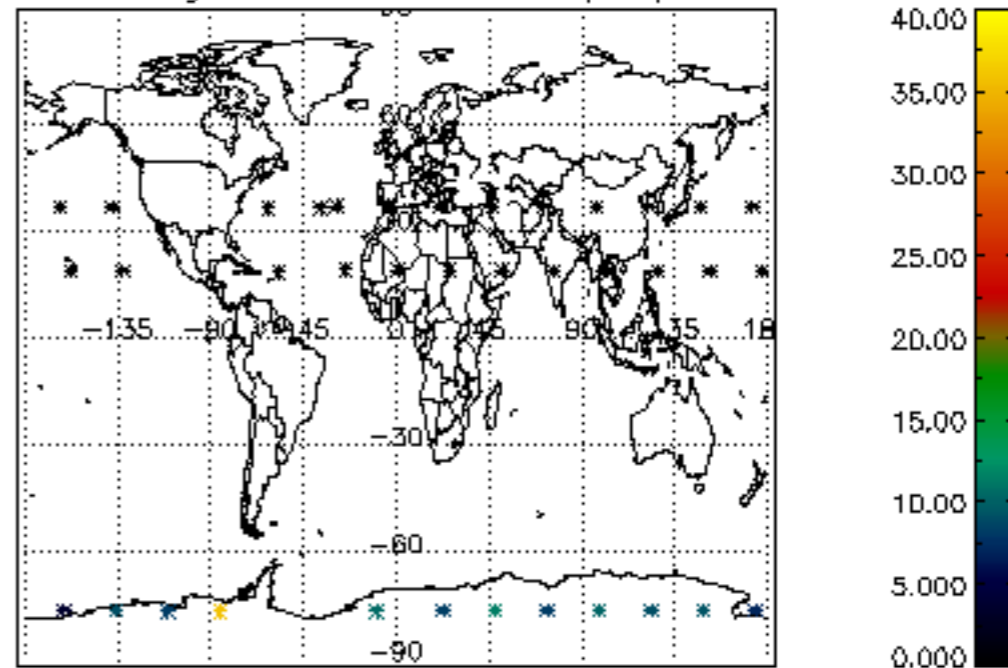
Percentage of datation errors per profile



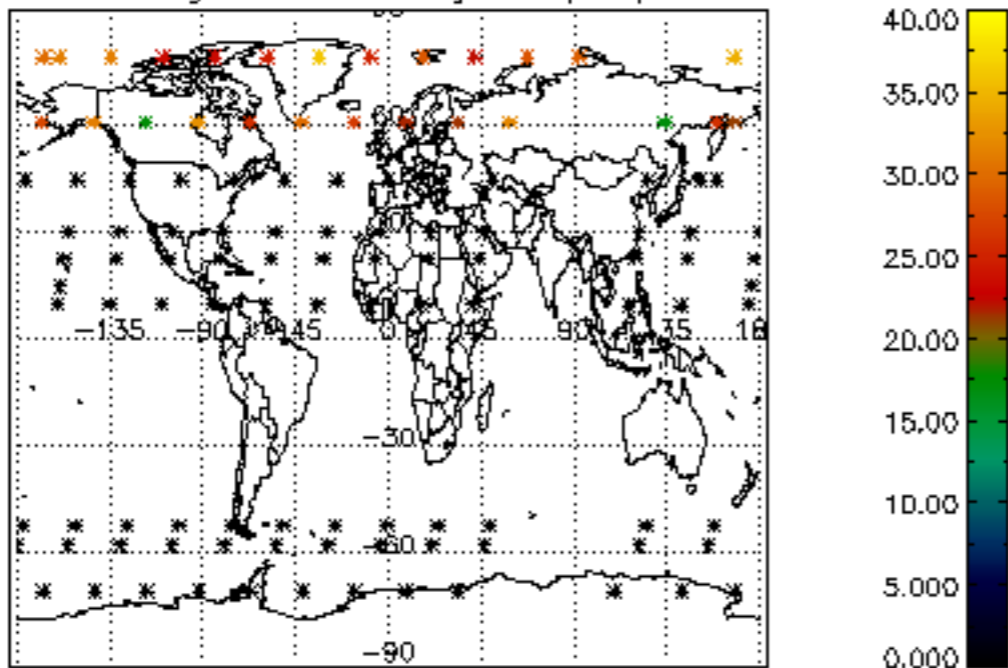
Percentage of star falling outside central band per profile



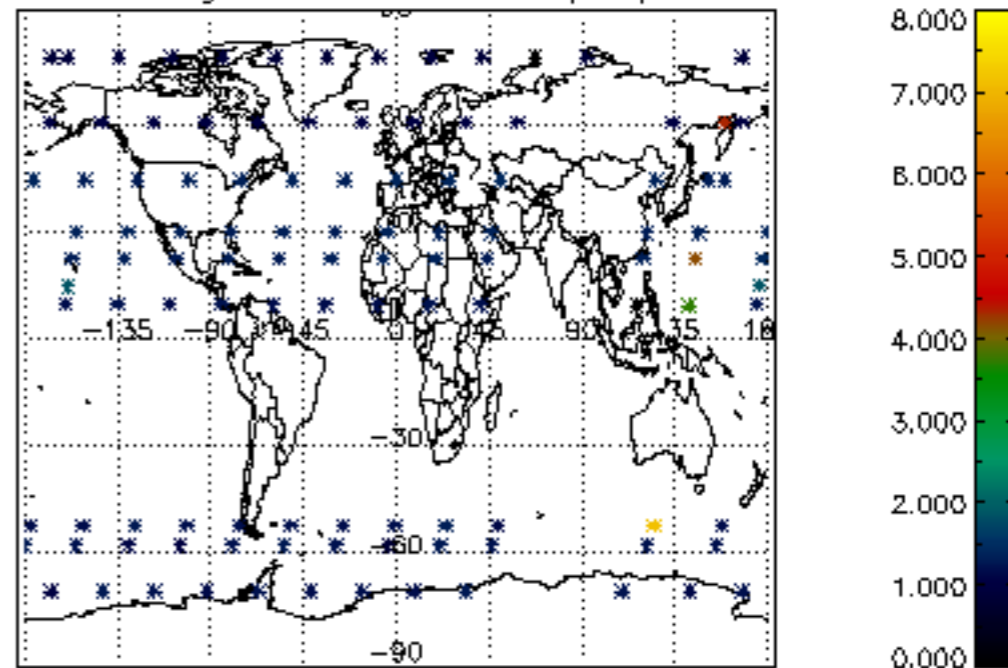
Percentage of saturation errors per profile



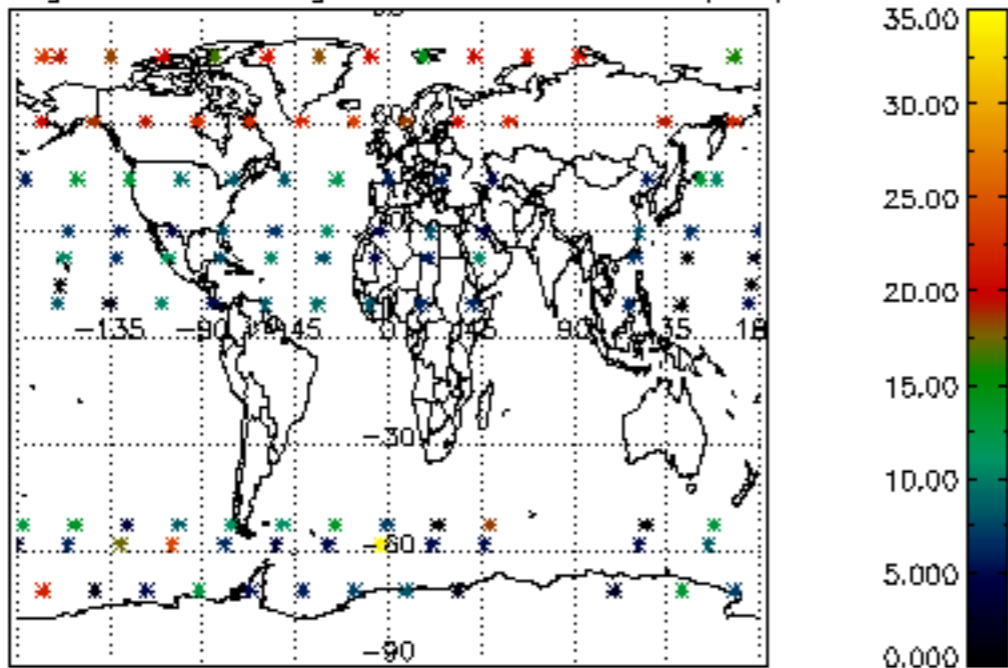
Percentage of cosmic ray hits per profile



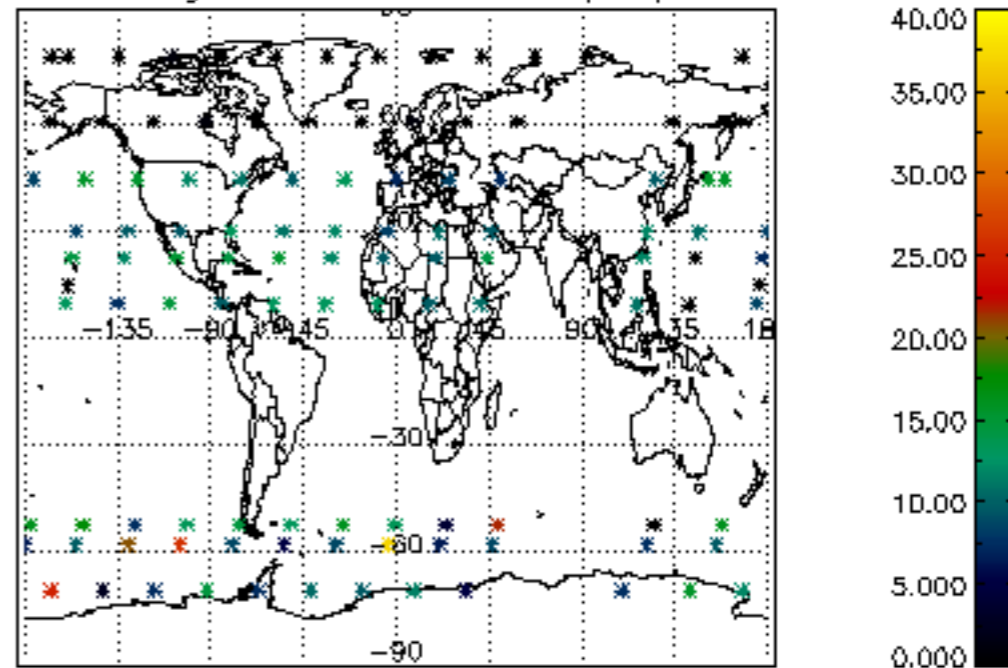
Percentage of datation errors per profile

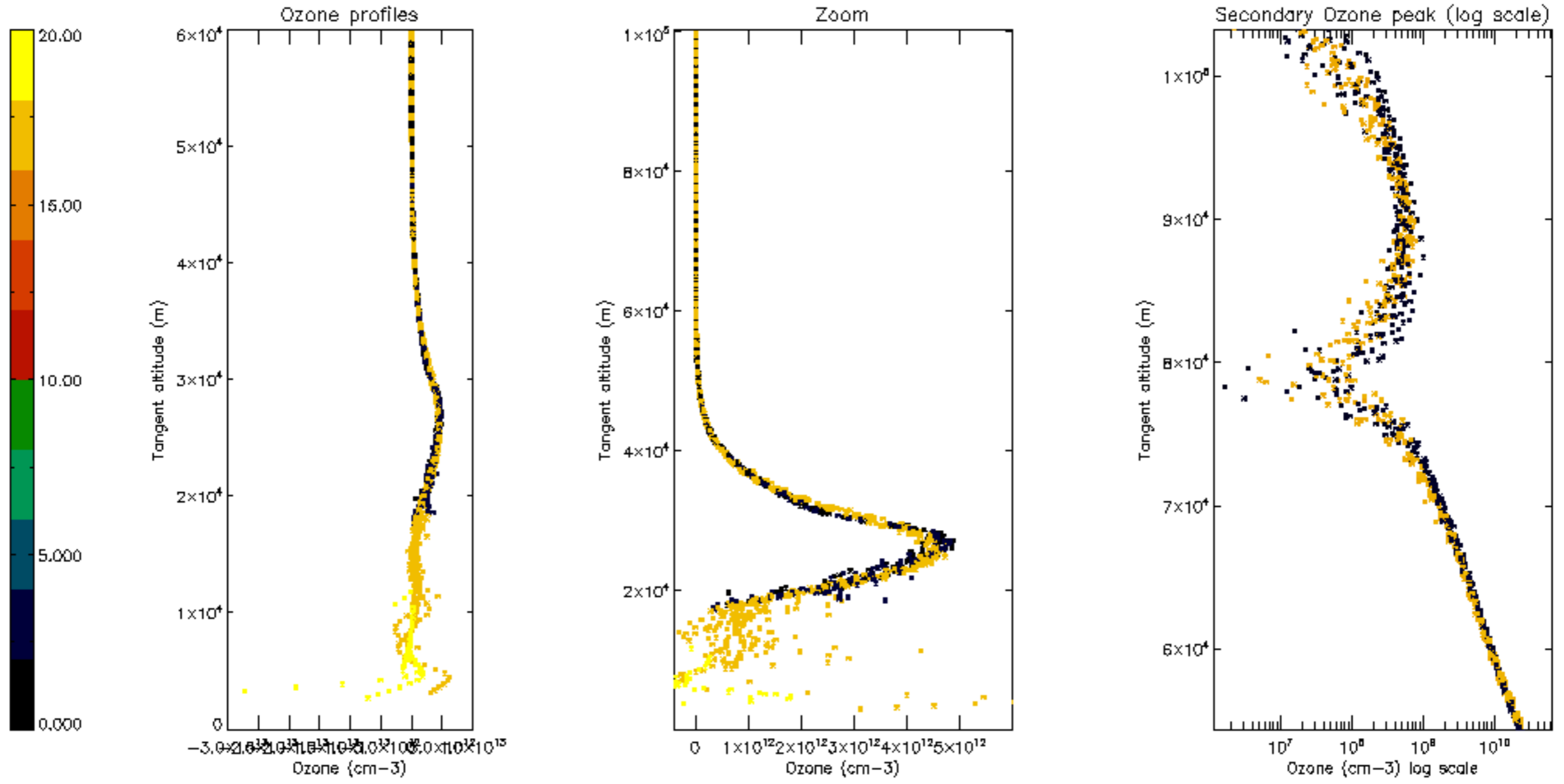


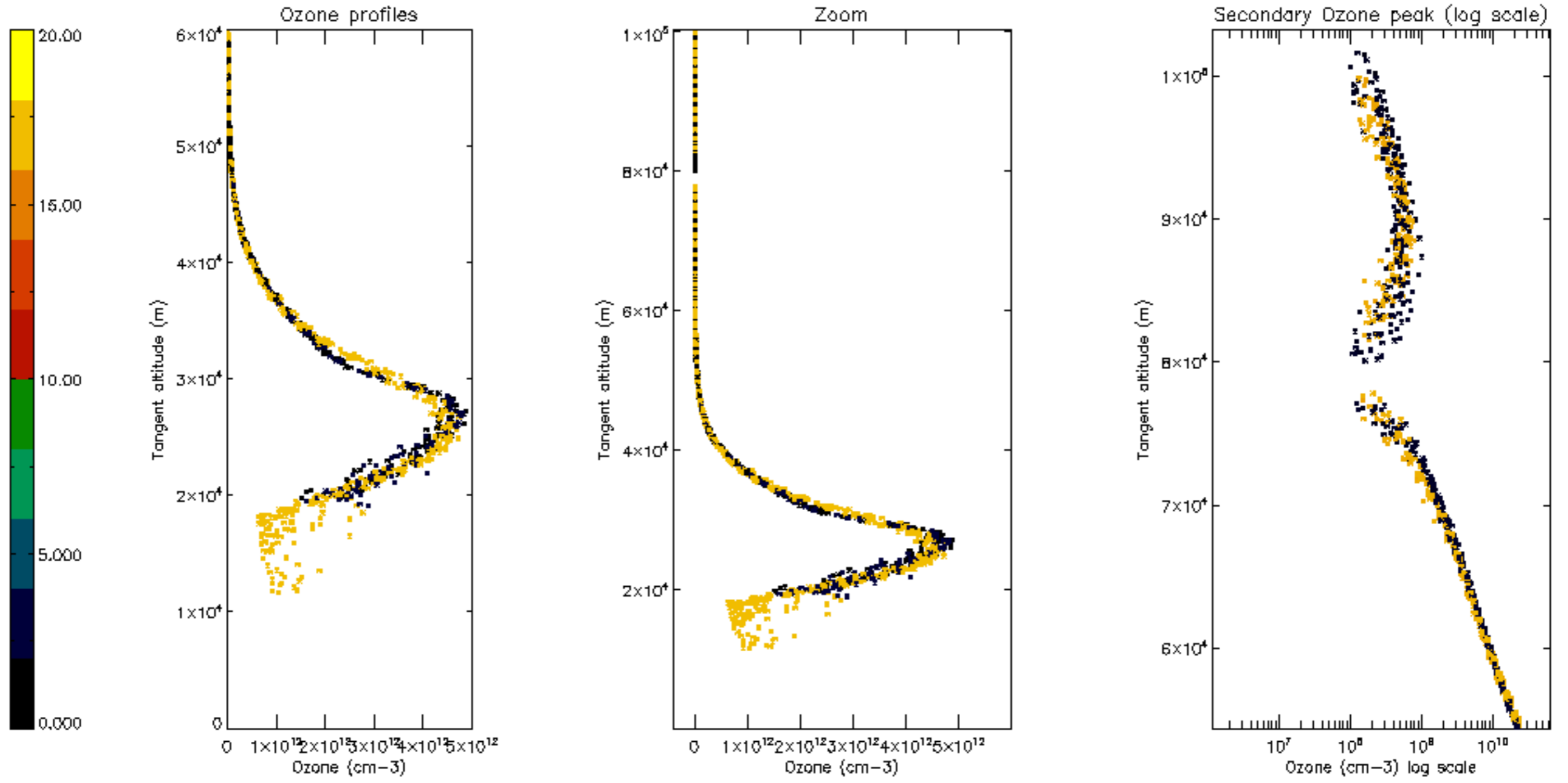
Percentage of star falling outside central band per profile

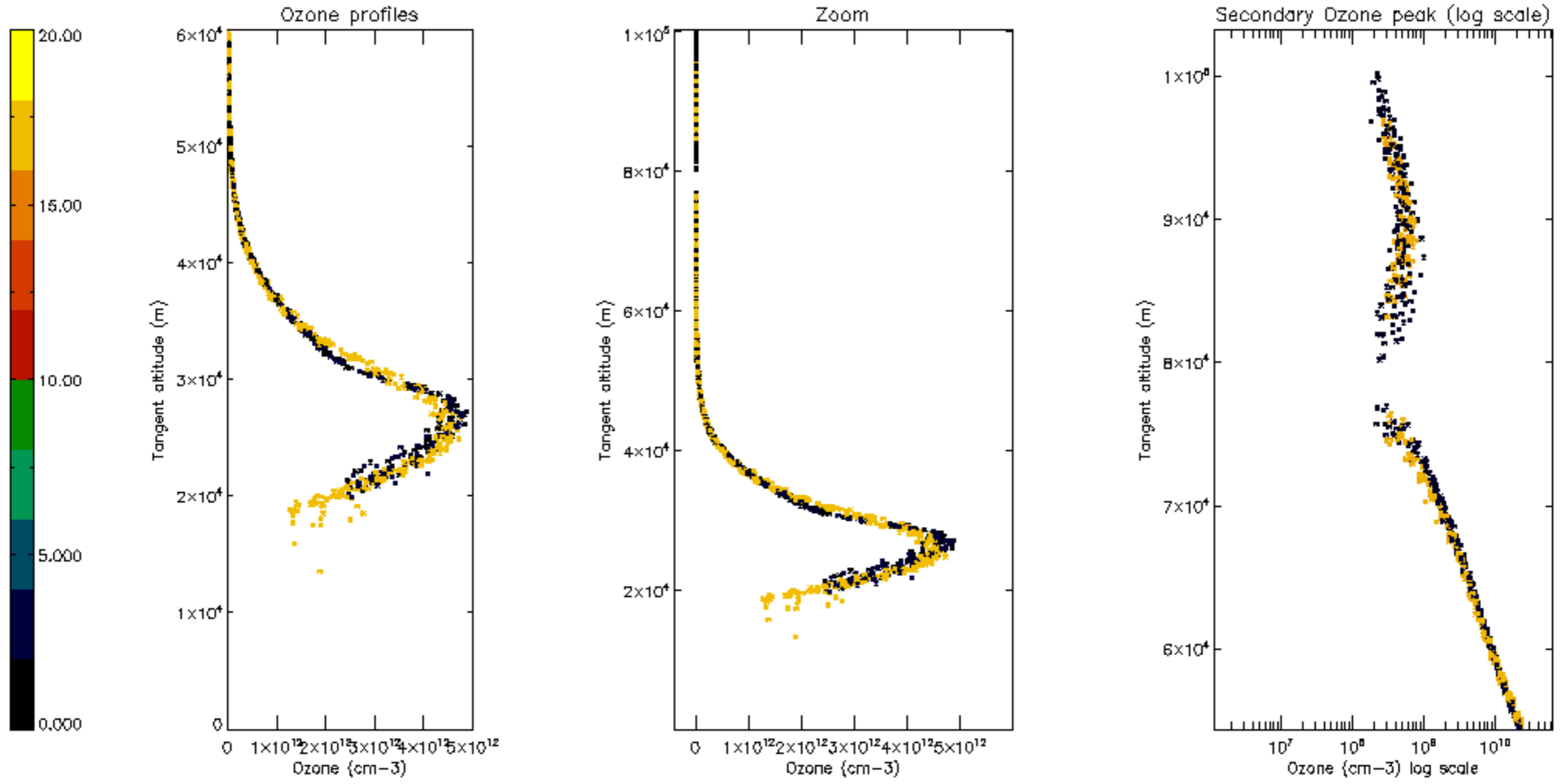


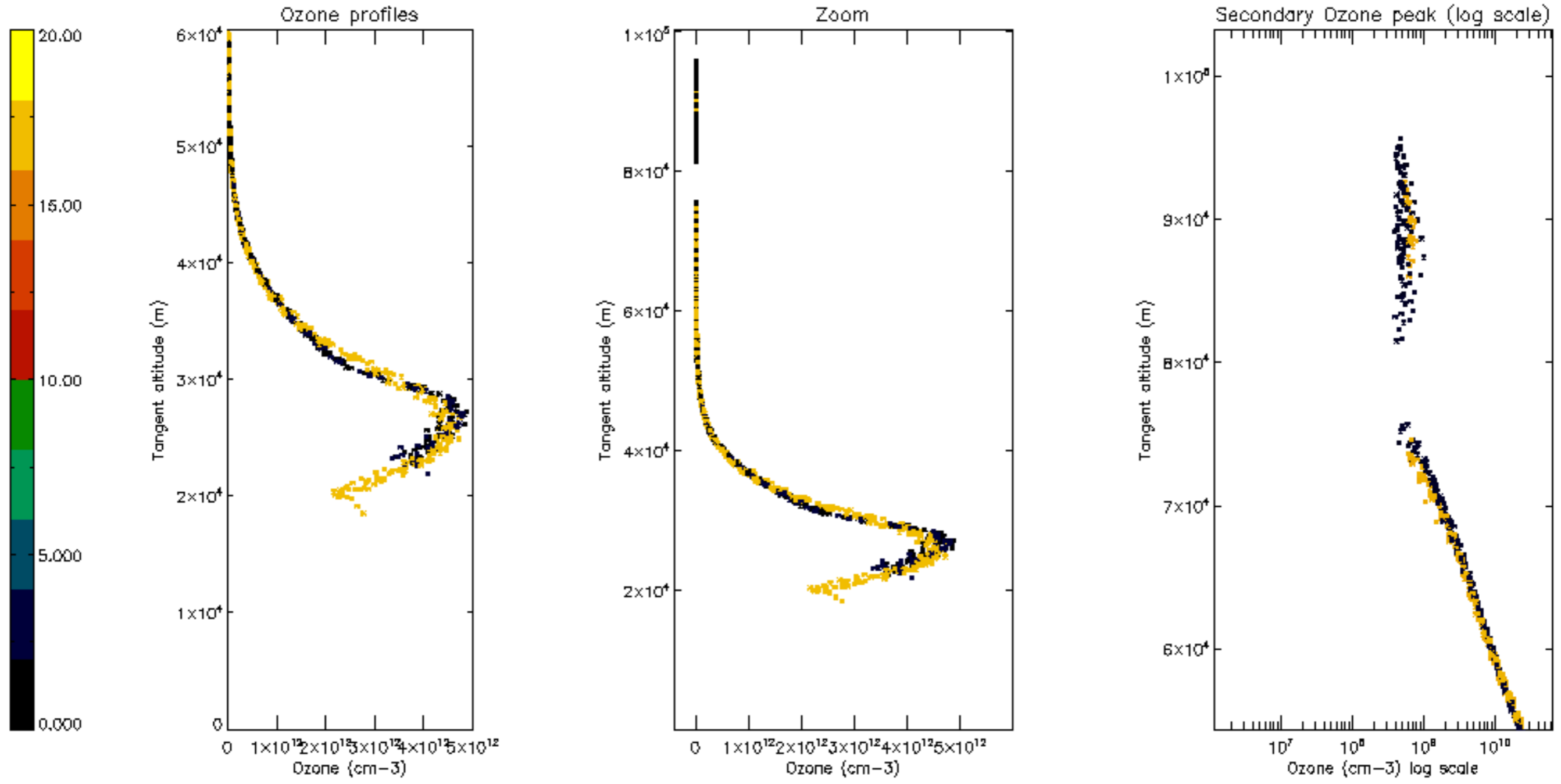
Percentage of saturation errors per profile

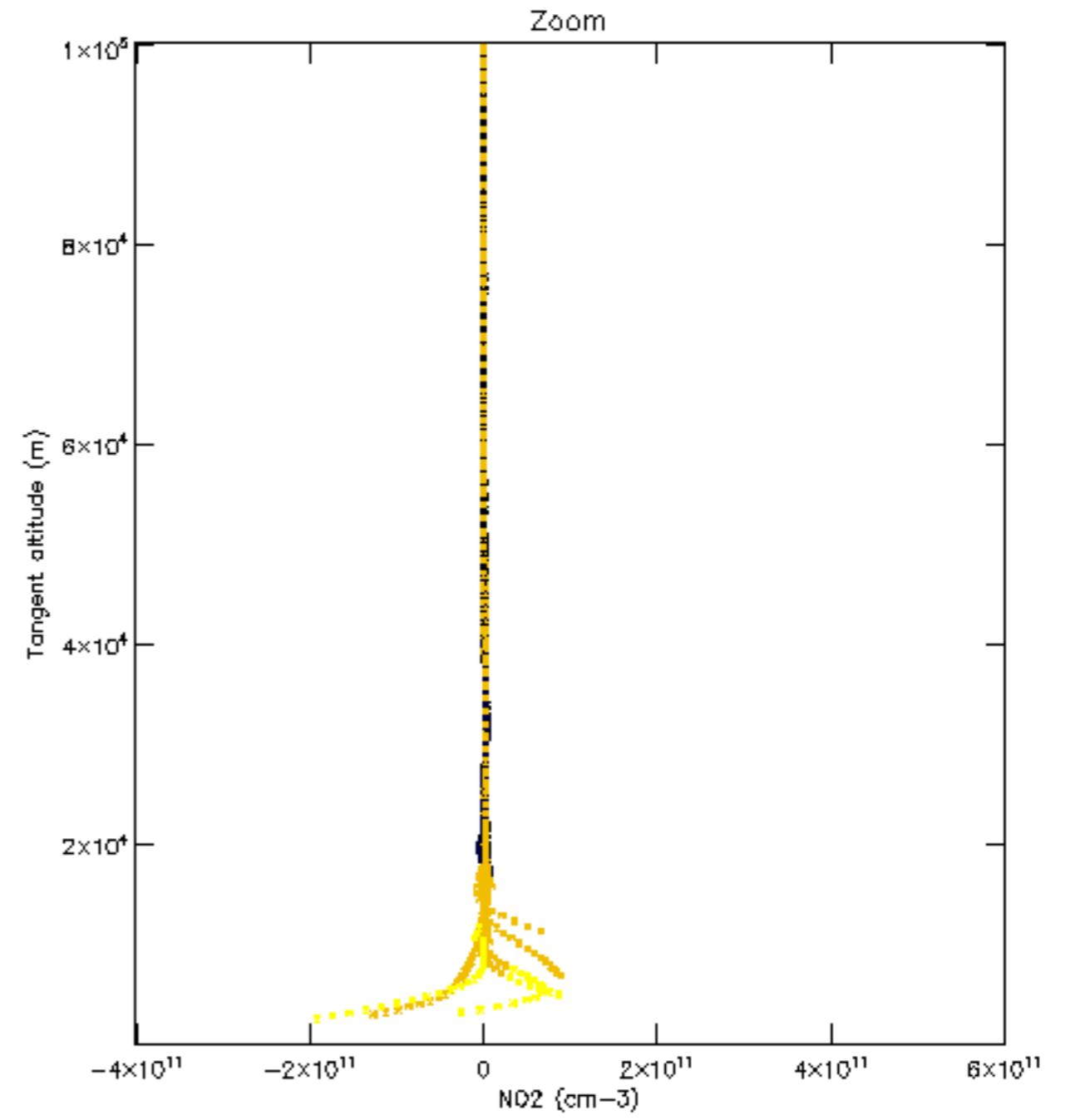
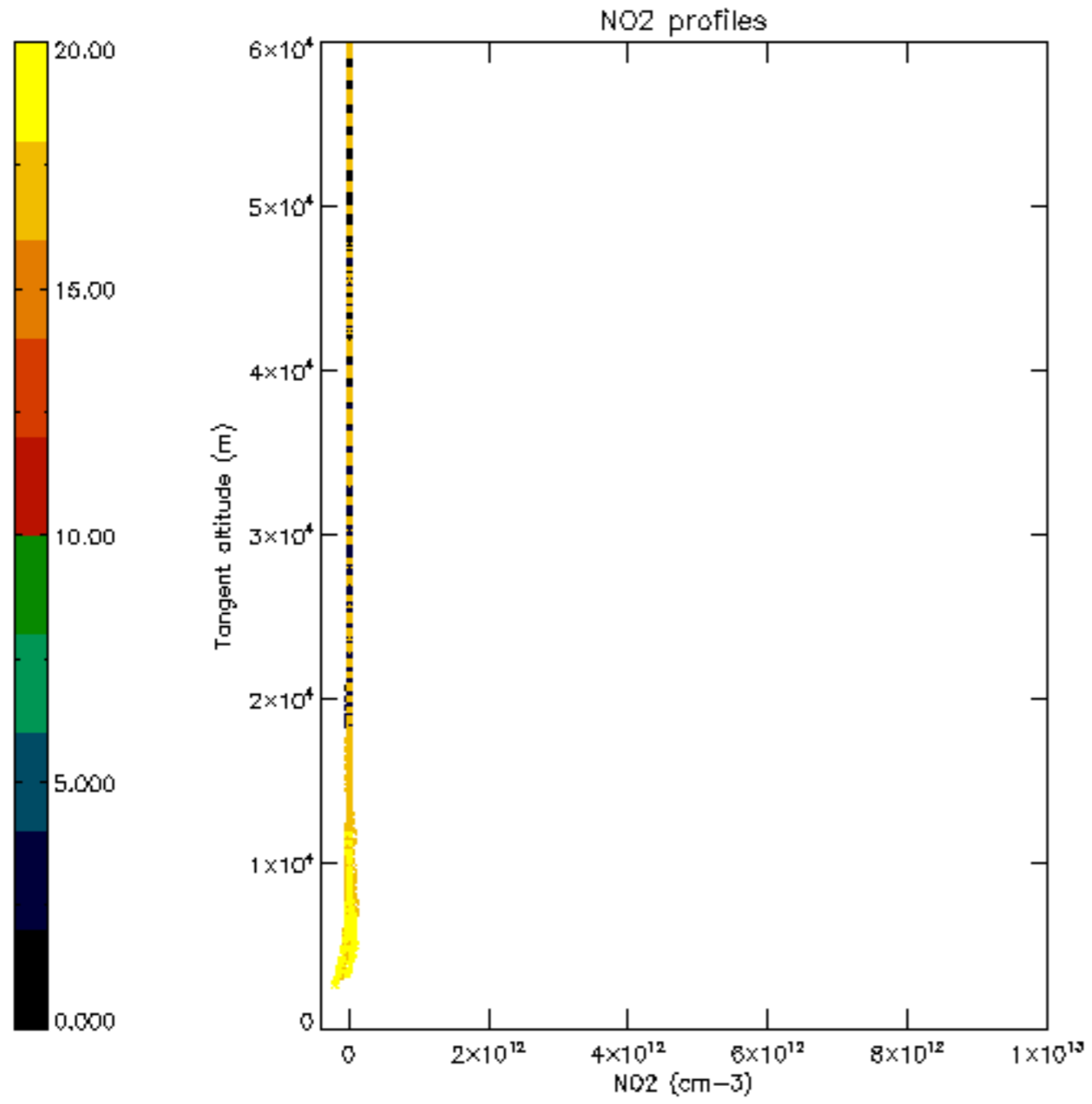


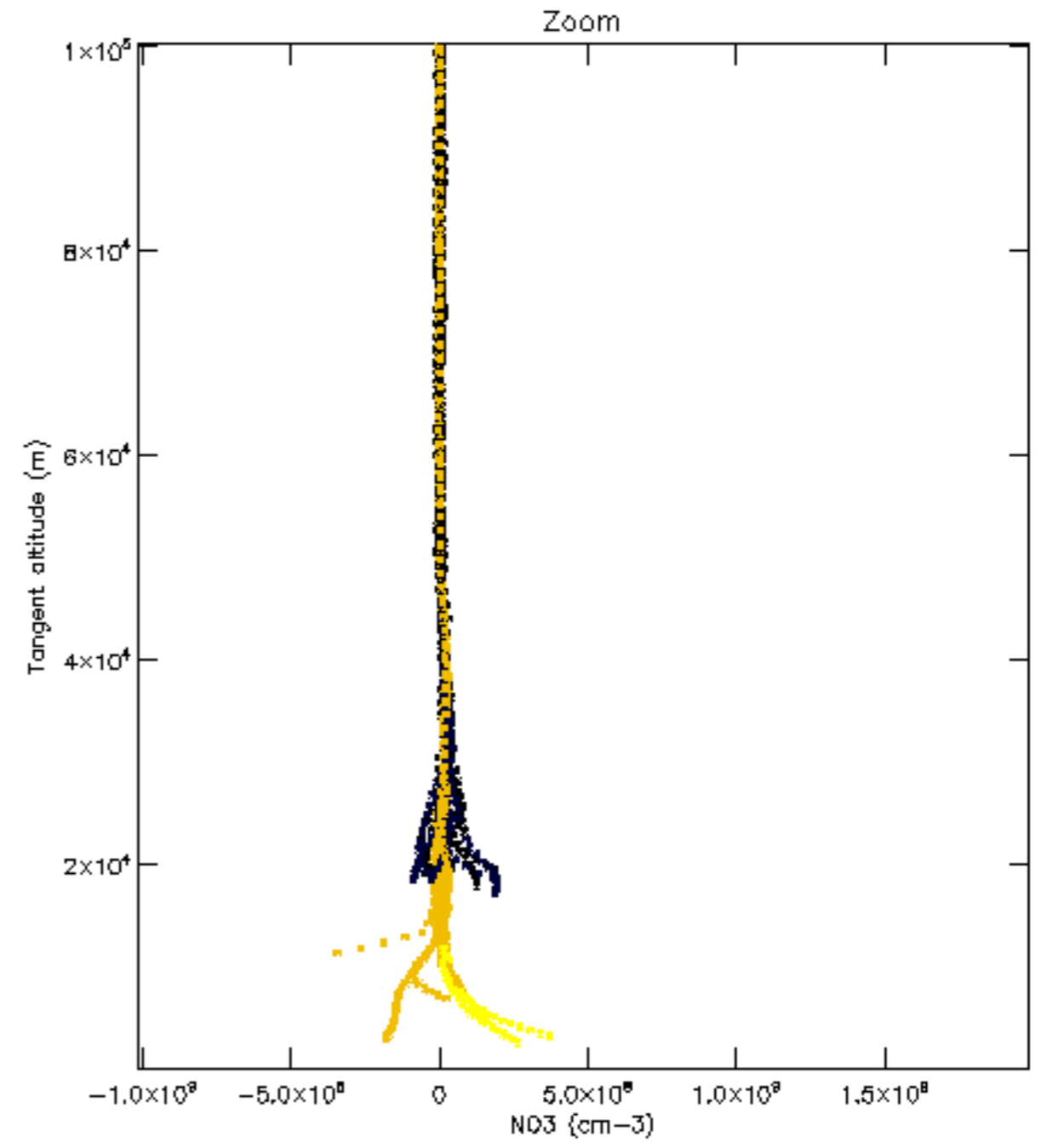
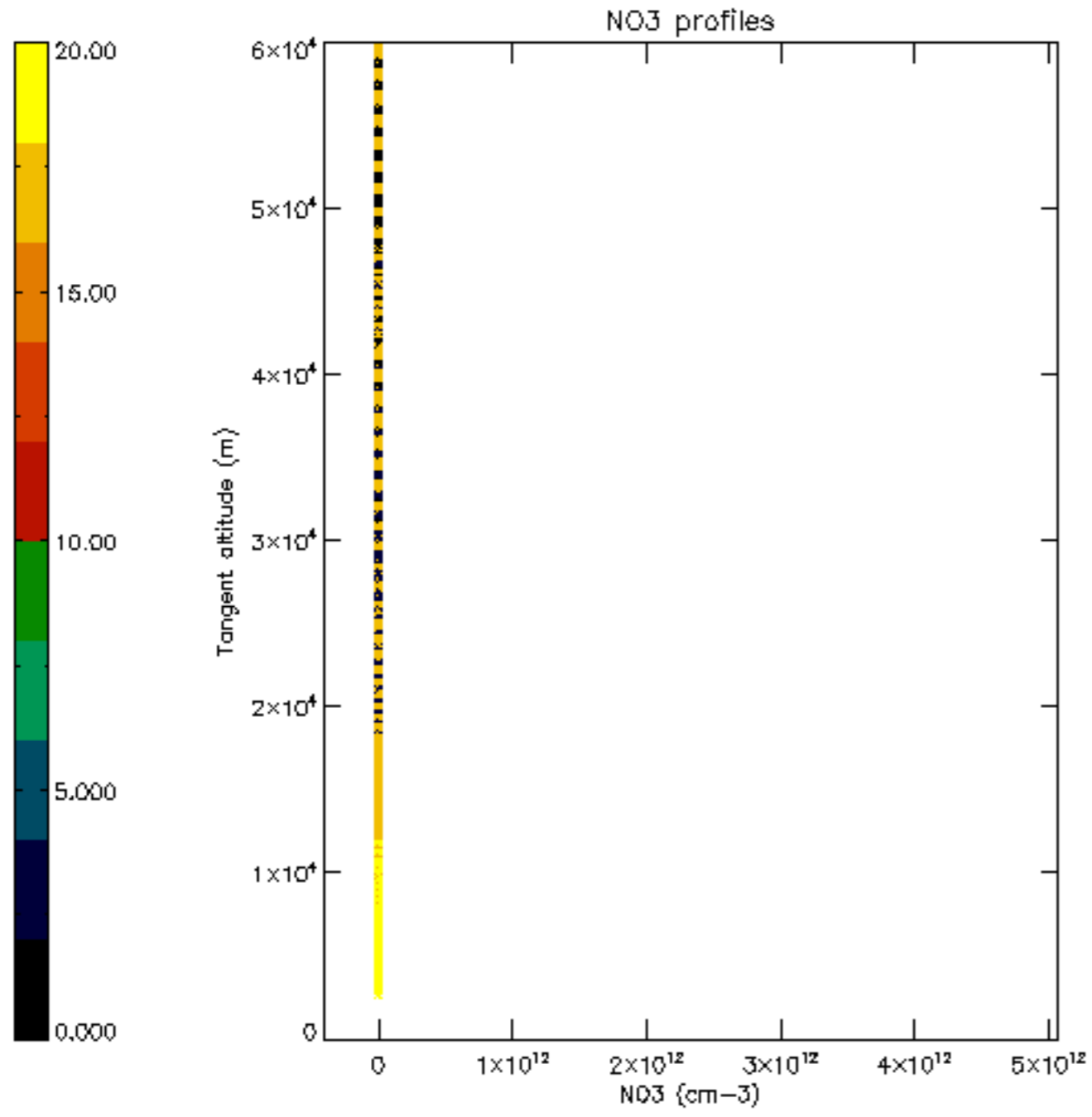


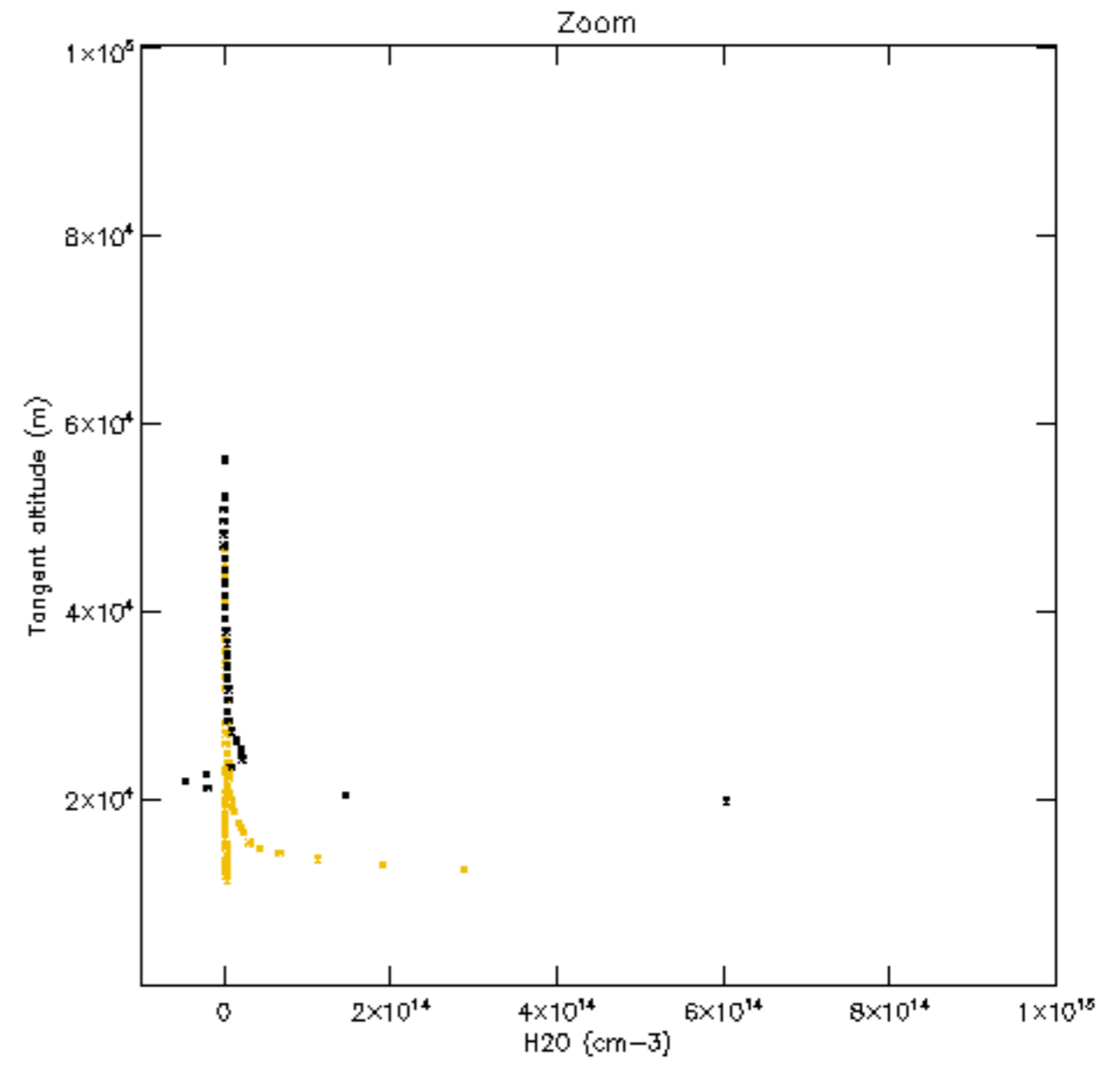
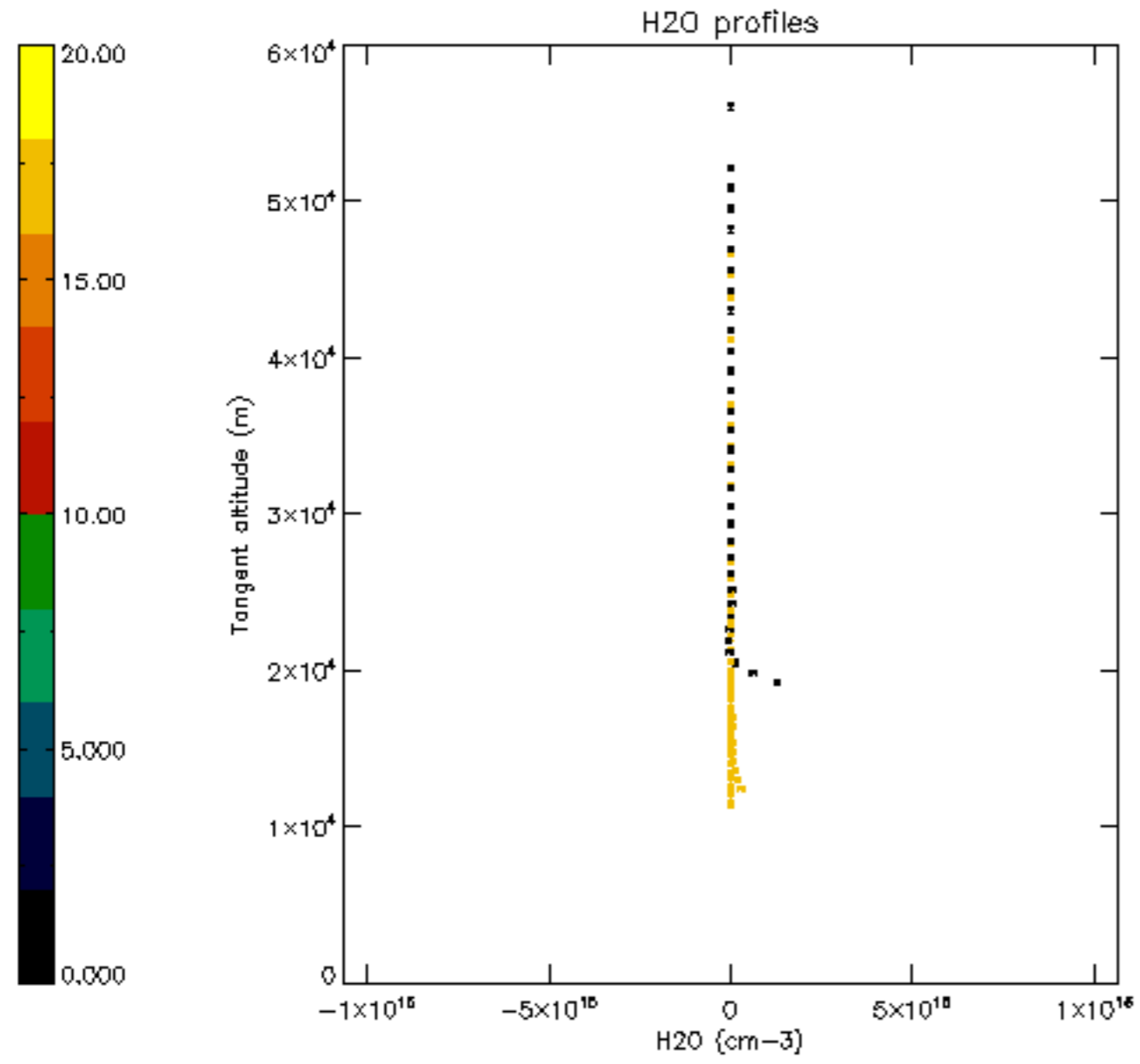


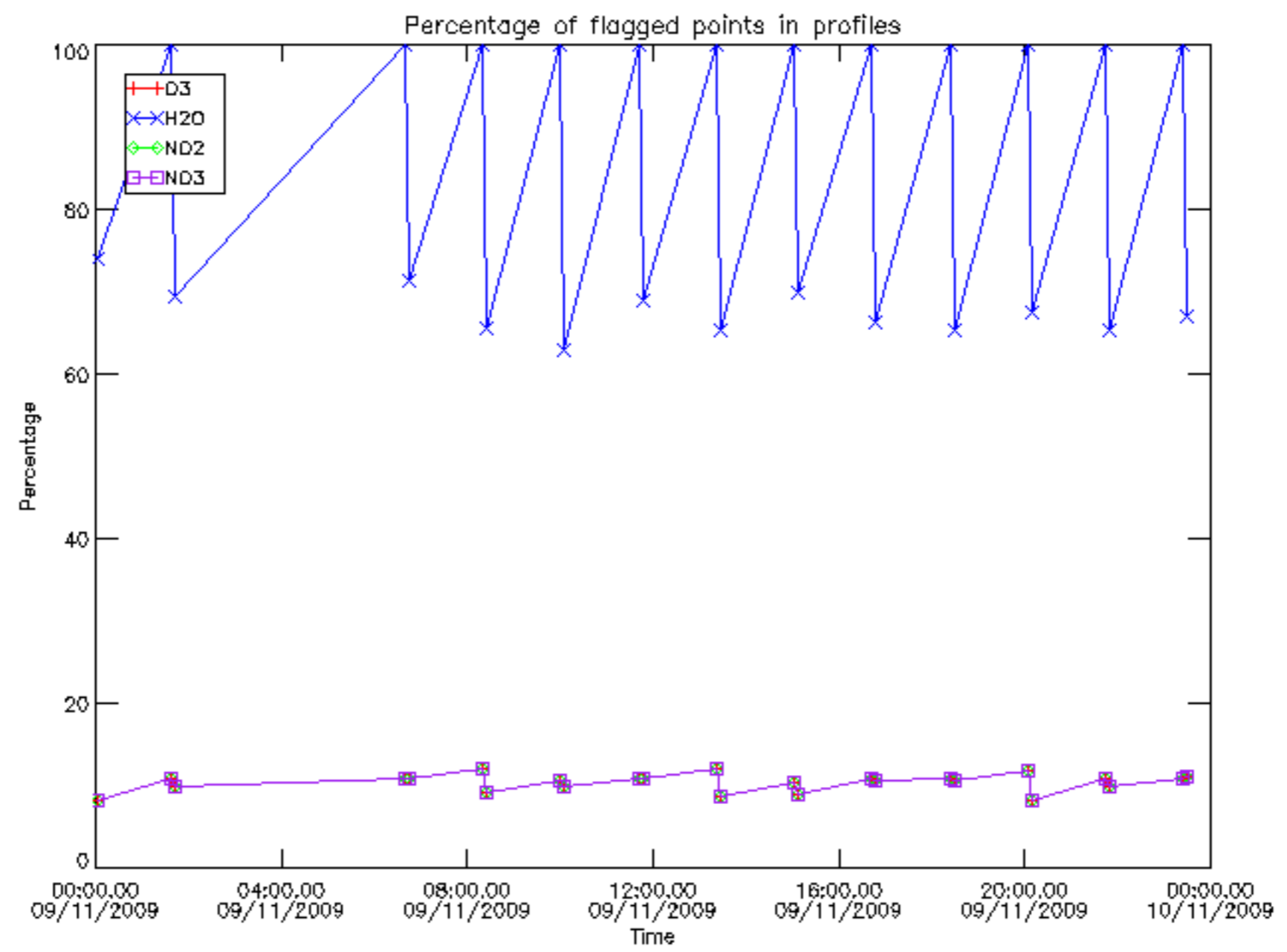




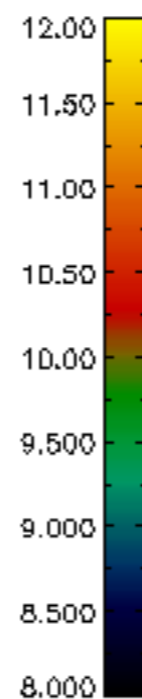
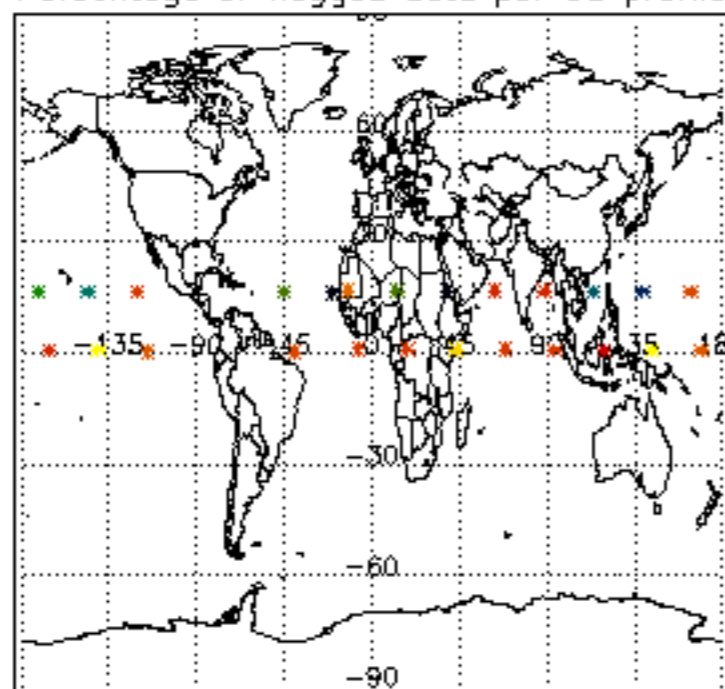




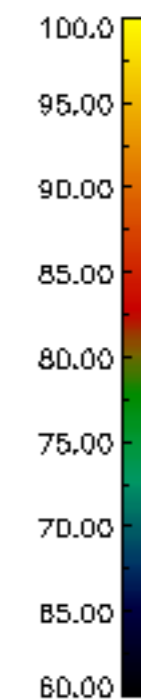
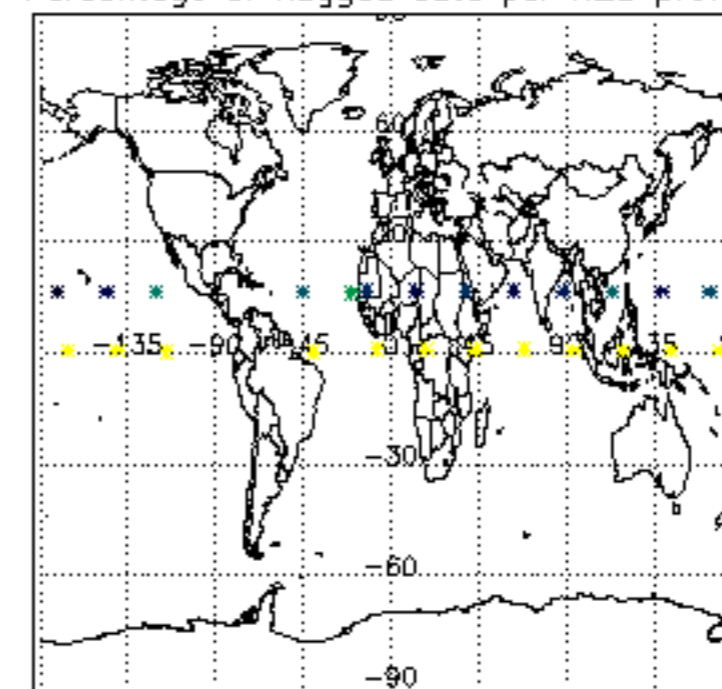




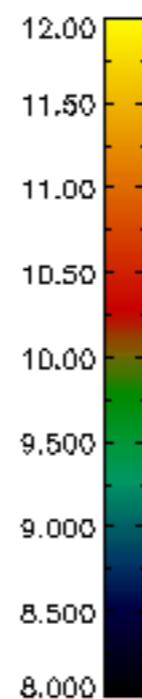
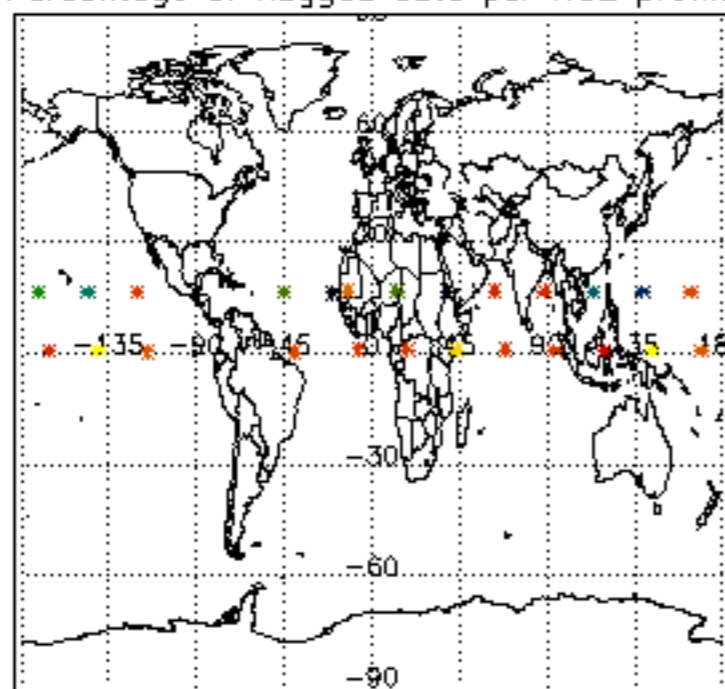
Percentage of flagged data per D3 profile



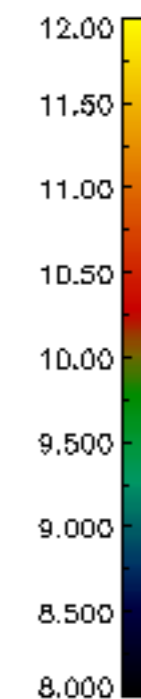
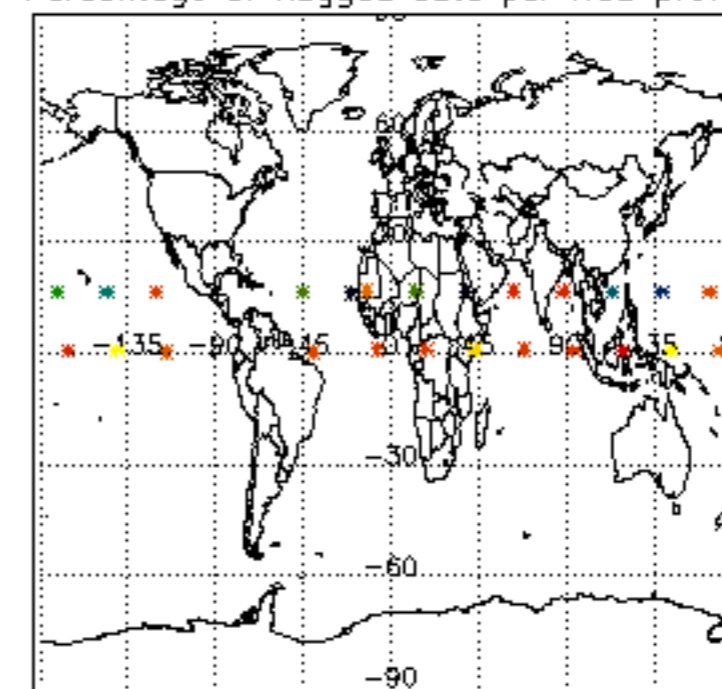
Percentage of flagged data per H2O profile

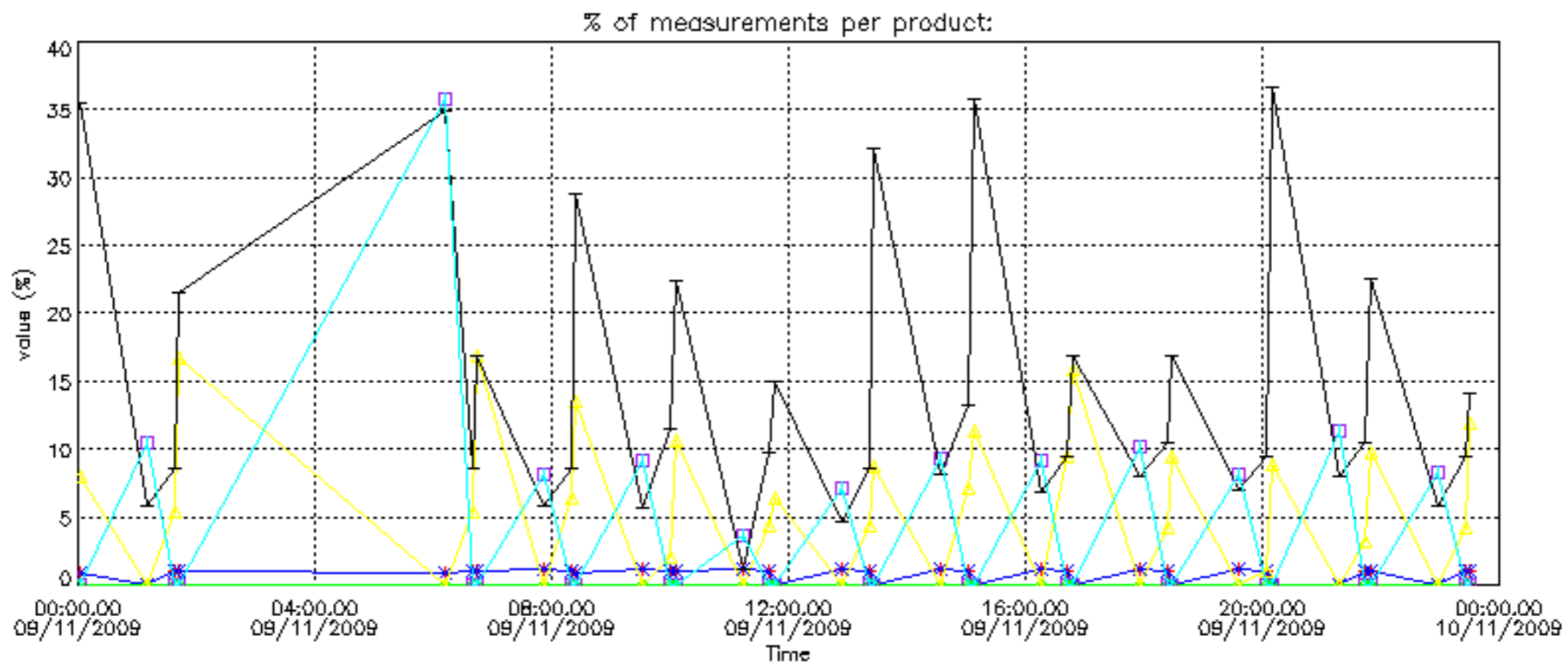


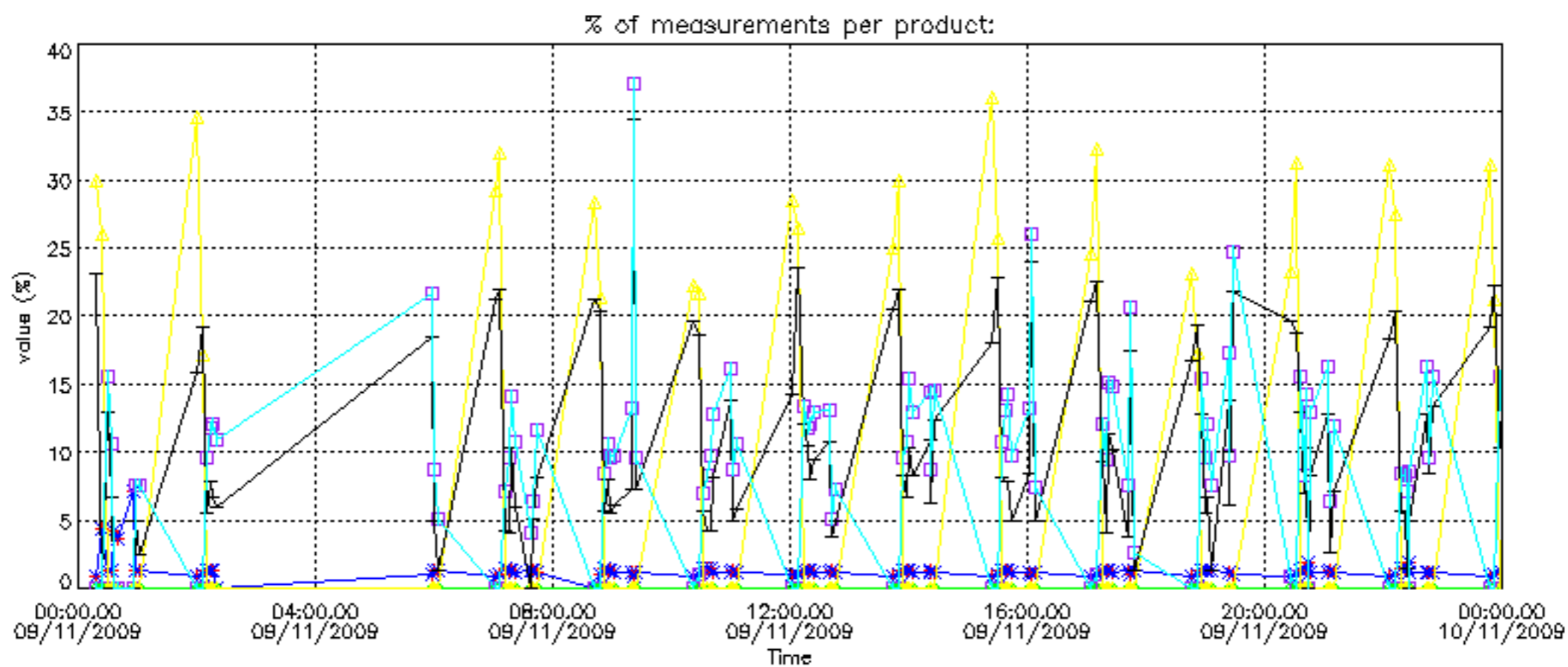
Percentage of flagged data per NO2 profile



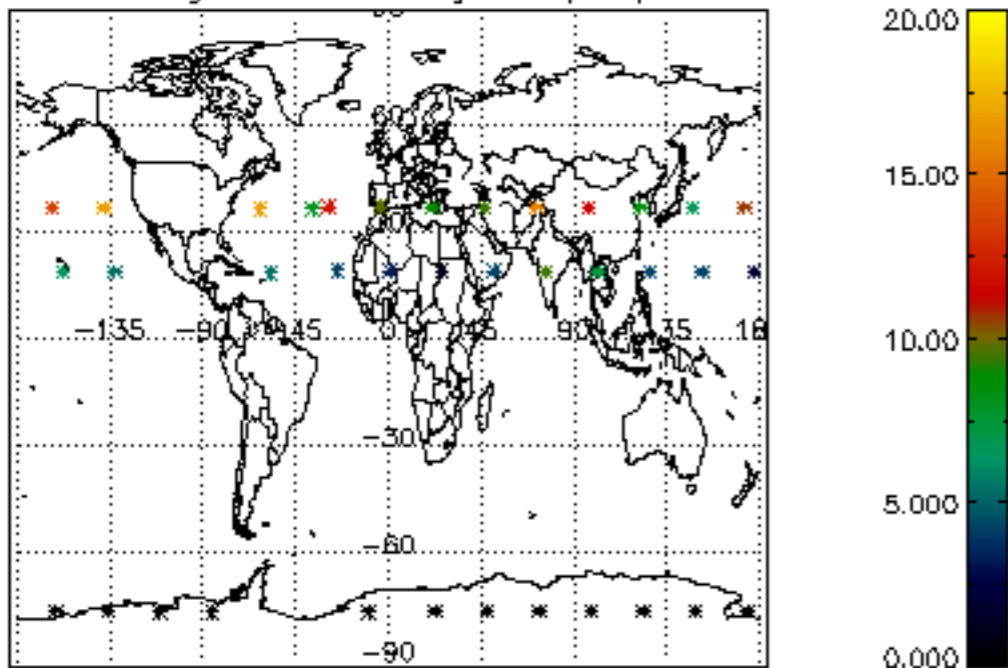
Percentage of flagged data per NO3 profile



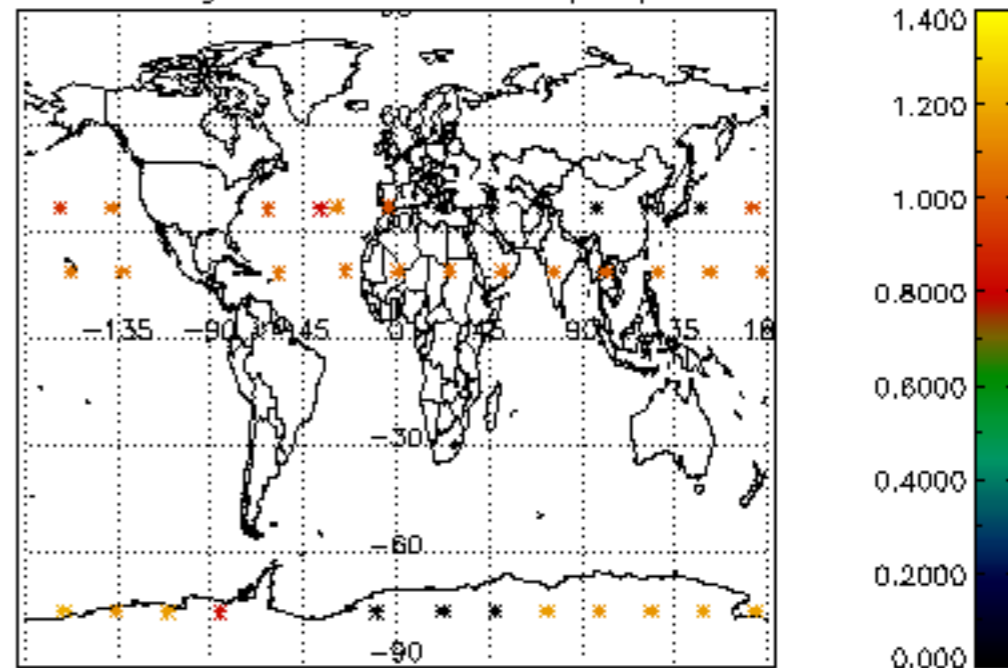




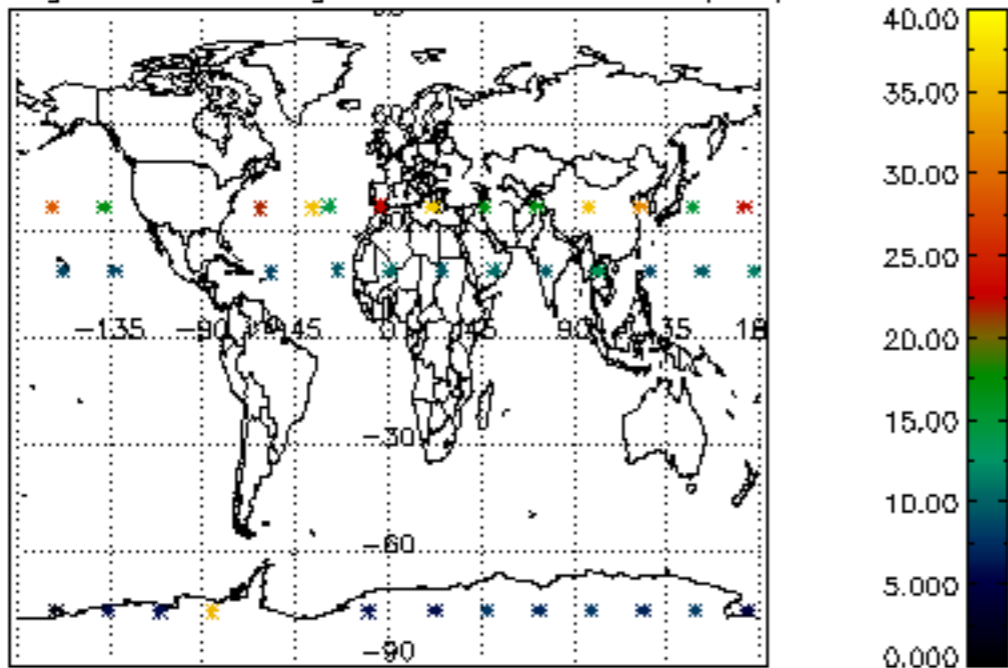
Percentage of cosmic ray hits per profile



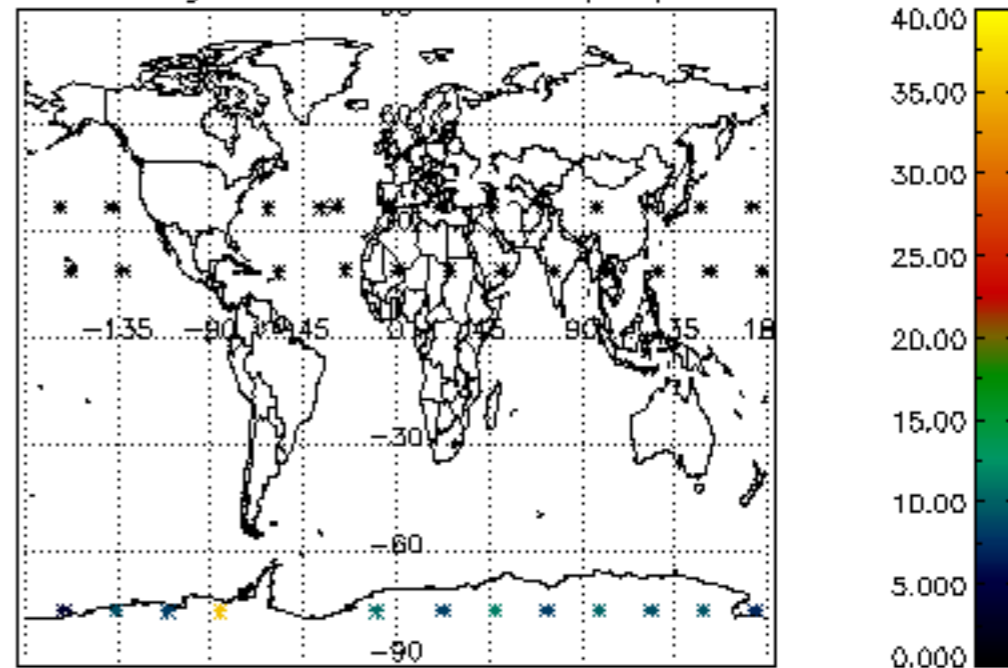
Percentage of datation errors per profile



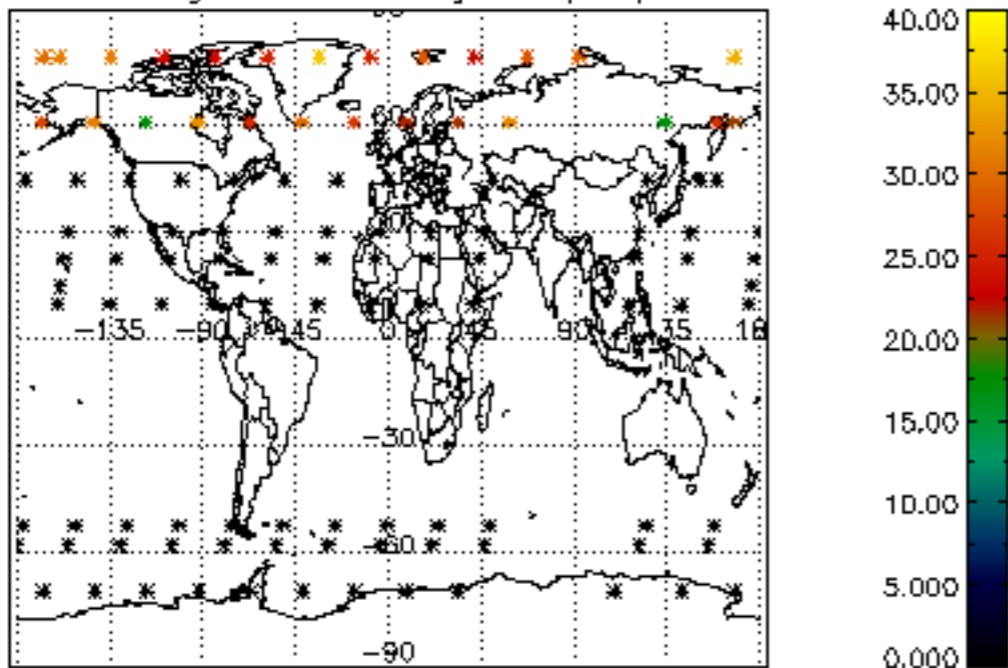
Percentage of star falling outside central band per profile



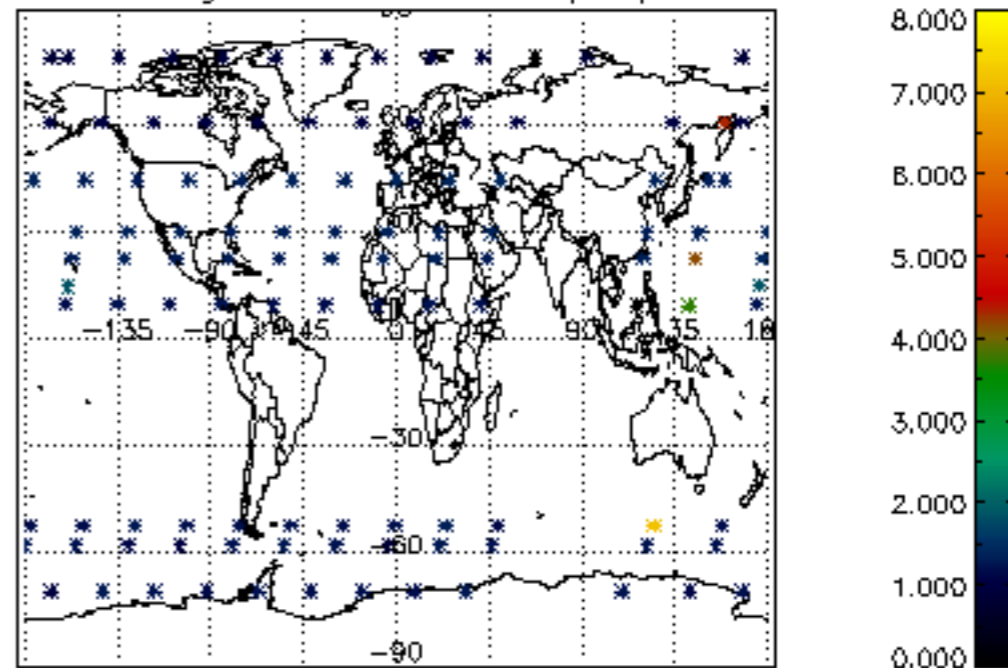
Percentage of saturation errors per profile



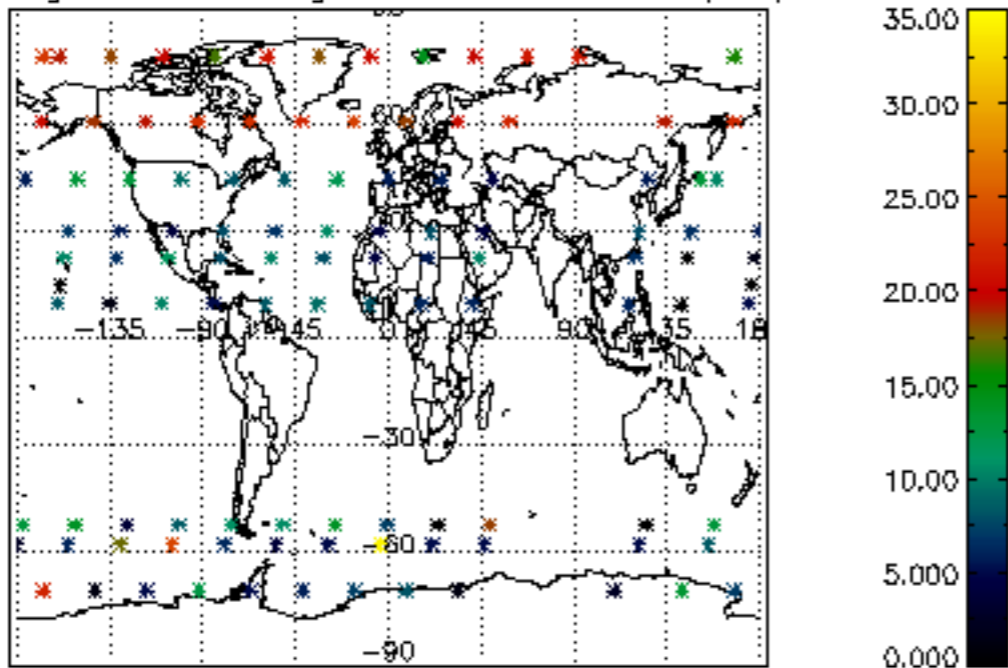
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

