

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	25APR2013 21:52:13
Data source version	GOMOS/6.01
Start time of products	09-11-2008 (09NOV2008 00:00:00)
Stop time of products	10-11-2008 (10NOV2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
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__2PRFIN20081109_000031_000000372073_00374_34997_0342.N1	09-NOV-2008 00:00:31	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	34997	No
2	GOM_NL__2PRFIN20081109_000446_000000362073_00374_34997_0343.N1	09-NOV-2008 00:04:46	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34997	No
3	GOM_NL__2PRFIN20081109_000645_000000372073_00374_34997_0344.N1	09-NOV-2008 00:06:45	Bright	37.000	73	57Gam1And	2.2600	13100.	74	34997	No
4	GOM_NL__2PRFIN20081109_001044_000000352073_00374_34997_0345.N1	09-NOV-2008 00:10:44	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34997	No
5	GOM_NL__2PRFIN20081109_001951_000000372073_00374_34997_0346.N1	09-NOV-2008 00:19:51	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34997	No
6	GOM_NL__2PRFIN20081109_002747_000000402073_00374_34997_0347.N1	09-NOV-2008 00:27:47	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	34997	No
7	GOM_NL__2PRFIN20081109_002925_000000452073_00374_34997_0348.N1	09-NOV-2008 00:29:25	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	34997	No
8	GOM_NL__2PRFIN20081109_003317_000000422073_00374_34997_0349.N1	09-NOV-2008 00:33:17	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	34997	No
9	GOM_NL__2PRFIN20081109_004116_000000412073_00374_34997_0350.N1	09-NOV-2008 00:41:16	Bright	41.000	96	68Del Leo	2.5600	9300.0	82	34997	No
10	GOM_NL__2PRFIN20081109_010128_000000452073_00374_34997_0351.N1	09-NOV-2008 01:01:28	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	34997	No
11	GOM_NL__2PRFIN20081109_010735_000000382073_00375_34998_0348.N1	09-NOV-2008 01:07:35	Dark	37.500	29	Bet Car	1.6720	10200.	75	34998	No
12	GOM_NL__2PRFIN20081109_011338_000000492073_00375_34998_0349.N1	09-NOV-2008 01:13:38	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34998	No
13	GOM_NL__2PRFIN20081109_012302_000000382073_00375_34998_0350.N1	09-NOV-2008 01:23:02	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	34998	No
14	GOM_NL__2PRFIN20081109_013629_000000502073_00375_34998_0351.N1	09-NOV-2008 01:36:29	Twilight_and_stray	49.500	94	92Alp Cet	2.5260	3100.0	99	34998	No
15	GOM_NL__2PRFIN20081109_014107_000000362073_00375_34998_0352.N1	09-NOV-2008 01:41:07	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	34998	No
16	GOM_NL__2PRFIN20081109_014522_000000382073_00375_34998_0353.N1	09-NOV-2008 01:45:22	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34998	No
17	GOM_NL__2PRFIN20081109_014721_000000402073_00375_34998_0354.N1	09-NOV-2008 01:47:21	Bright	39.500	73	57Gam1And	2.2600	13100.	79	34998	No
18	GOM_NL__2PRFIN20081109_015120_000000342073_00375_34998_0355.N1	09-NOV-2008 01:51:20	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	34998	No
19	GOM_NL__2PRFIN20081109_020027_000000332073_00375_34998_0356.N1	09-NOV-2008 02:00:27	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	34998	No
20	GOM_NL__2PRFIN20081109_020822_000000402073_00375_34998_0357.N1	09-NOV-2008 02:08:22	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34998	No
21	GOM_NL__2PRFIN20081109_021000_000000582073_00375_34998_0358.N1	09-NOV-2008 02:10:00	Bright	58.000	82	48Bet UMa	2.3650	10600.	116	34998	No
22	GOM_NL__2PRFIN20081109_021353_000000402073_00375_34998_0359.N1	09-NOV-2008 02:13:53	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	34998	No
23	GOM_NL__2PRFIN20081109_021523_000000342073_00375_34998_0360.N1	09-NOV-2008 02:15:23	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	34998	No
24	GOM_NL__2PRFIN20081109_022152_000000432073_00375_34998_0361.N1	09-NOV-2008 02:21:52	Bright	42.500	96	68Del Leo	2.5600	9300.0	85	34998	No
25	GOM_NL__2PRFIN20081109_022304_000000382073_00375_34998_0362.N1	09-NOV-2008 02:23:04	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	34998	No
26	GOM_NL__2PRFIN20081109_024205_000000412073_00375_34998_0363.N1	09-NOV-2008 02:42:05	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	34998	No
27	GOM_NL__2PRFIN20081109_024811_000000402073_00376_34999_0372.N1	09-NOV-2008 02:48:11	Dark	40.000	29	Bet Car	1.6720	10200.	80	34999	No
28	GOM_NL__2PRFIN20081109_025414_000000622073_00376_34999_0373.N1	09-NOV-2008 02:54:14	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	34999	No
29	GOM_NL__2PRFIN20081109_030338_000000402073_00376_34999_0374.N1	09-NOV-2008 03:03:38	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34999	No
30	GOM_NL__2PRFIN20081109_031705_000000522073_00376_34999_0375.N1	09-NOV-2008 03:17:05	Twilight_and_stray	52.000	94	92Alp Cet	2.5260	3100.0	104	34999	No
31	GOM_NL__2PRFIN20081109_032143_000000382073_00376_34999_0376.N1	09-NOV-2008 03:21:43	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34999	No
32	GOM_NL__2PRFIN20081109_032558_000000392073_00376_34999_0377.N1	09-NOV-2008 03:25:58	Bright	38.500	53	43Bet And	2.0480	3300.0	77	34999	No
33	GOM_NL__2PRFIN20081109_032757_000000382073_00376_34999_0378.N1	09-NOV-2008 03:27:57	Bright	37.500	73	57Gam1And	2.2600	13100.	75	34999	No
34	GOM_NL__2PRFIN20081109_033156_000000362073_00376_34999_0379.N1	09-NOV-2008 03:31:56	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	34999	No
35	GOM_NL__2PRFIN20081109_034103_000000332073_00376_34999_0380.N1	09-NOV-2008 03:41:03	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	34999	No
36	GOM_NL__2PRFIN20081109_034858_000000402073_00376_34999_0381.N1	09-NOV-2008 03:48:58	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34999	No
37	GOM_NL__2PRFIN20081109_035036_000000392073_00376_34999_0382.N1	09-NOV-2008 03:50:36	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	34999	No
38	GOM_NL__2PRFIN20081109_035429_000000392073_00376_34999_0383.N1	09-NOV-2008 03:54:29	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34999	No
39	GOM_NL__2PRFIN20081109_035559_000000342073_00376_34999_0384.N1	09-NOV-2008 03:55:59	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	34999	No
40	GOM_NL__2PRFIN20081109_040228_000000432073_00376_34999_0385.N1	09-NOV-2008 04:02:28	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	34999	No
41	GOM_NL__2PRFIN20081109_040340_000000392073_00376_34999_0386.N1	09-NOV-2008 04:03:40	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	34999	No
42	GOM_NL__2PRFIN20081109_042241_000000442073_00376_34999_0387.N1	09-NOV-2008 04:22:41	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	34999	No

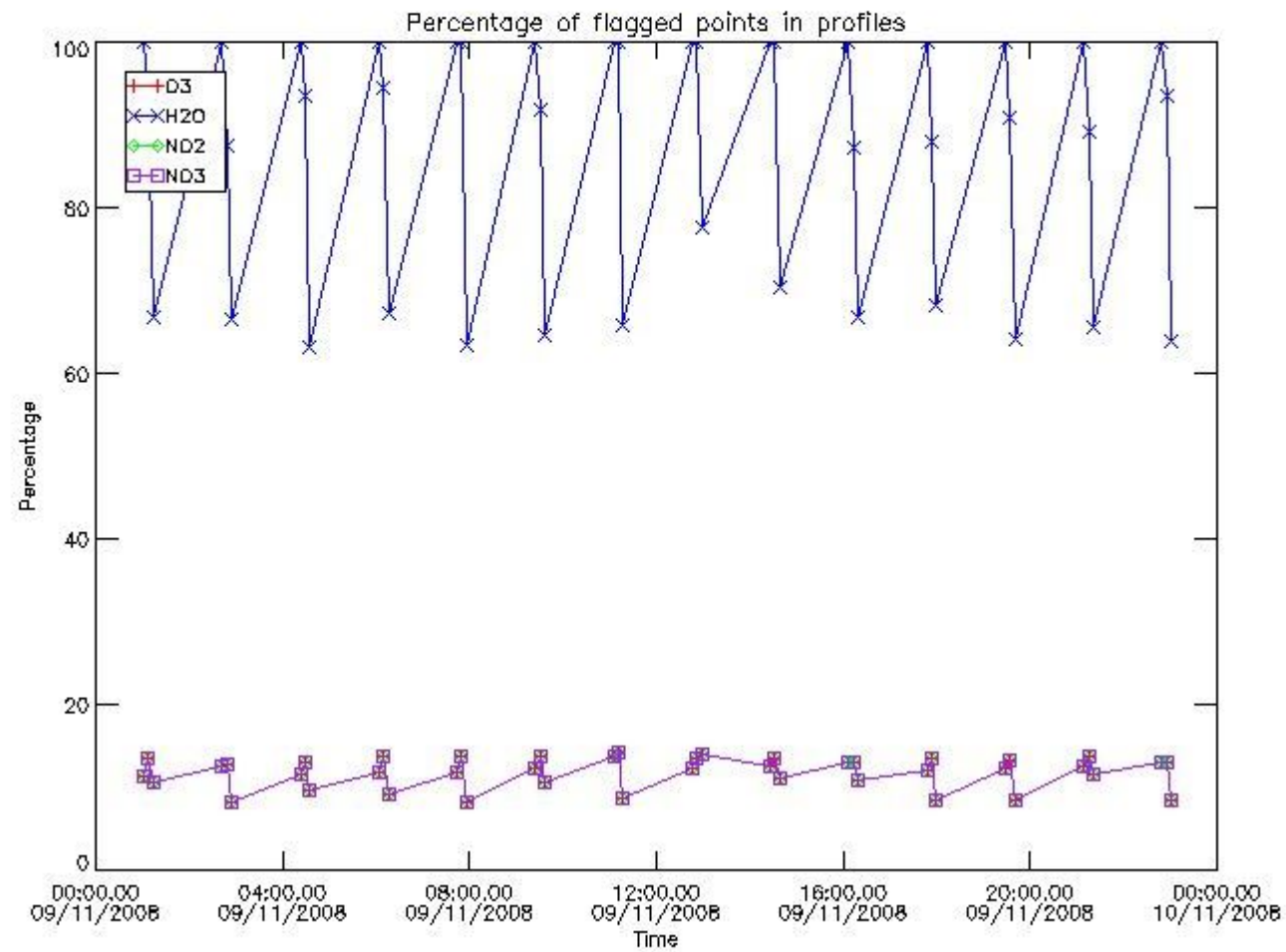
43	GOM_NL__2PRFIN20081109_042848_000000392073_00377_35000_0389.N1	09-NOV-2008 04:28:48	Dark	39.000	29	Bet Car	1.6720	10200.	78	35000	No
44	GOM_NL__2PRFIN20081109_043451_000000542073_00377_35000_0390.N1	09-NOV-2008 04:34:51	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	35000	No
45	GOM_NL__2PRFIN20081109_044414_000000402073_00377_35000_0391.N1	09-NOV-2008 04:44:14	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	35000	No
46	GOM_NL__2PRFIN20081109_045741_000000522073_00377_35000_0392.N1	09-NOV-2008 04:57:41	Twi_and_stray	52.000	94	92Alp Cet	2.5260	3100.0	104	35000	No
47	GOM_NL__2PRFIN20081109_050219_000000382073_00377_35000_0393.N1	09-NOV-2008 05:02:19	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	35000	No
48	GOM_NL__2PRFIN20081109_050629_000000382073_00377_35000_0394.N1	09-NOV-2008 05:06:29	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	35000	No
49	GOM_NL__2PRFIN20081109_050832_000000372073_00377_35000_0395.N1	09-NOV-2008 05:08:32	Bright	37.000	73	57Gam1And	2.2600	13100.	74	35000	No
50	GOM_NL__2PRFIN20081109_051232_000000372073_00377_35000_0396.N1	09-NOV-2008 05:12:32	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	35000	No
51	GOM_NL__2PRFIN20081109_052139_000000332073_00377_35000_0397.N1	09-NOV-2008 05:21:39	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	35000	No
52	GOM_NL__2PRFIN20081109_052934_000000412073_00377_35000_0398.N1	09-NOV-2008 05:29:34	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	35000	No
53	GOM_NL__2PRFIN20081109_053112_000000402073_00377_35000_0399.N1	09-NOV-2008 05:31:12	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	35000	No
54	GOM_NL__2PRFIN20081109_053505_000000412073_00377_35000_0400.N1	09-NOV-2008 05:35:05	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	35000	No
55	GOM_NL__2PRFIN20081109_053635_000000482073_00377_35000_0401.N1	09-NOV-2008 05:36:35	Bright	47.500	152	12Alp2CVn	2.8900	11000.	95	35000	No
56	GOM_NL__2PRFIN20081109_054304_000000332073_00377_35000_0402.N1	09-NOV-2008 05:43:04	Bright	33.000	96	68Del Leo	2.5600	9300.0	66	35000	No
57	GOM_NL__2PRFIN20081109_054416_000000382073_00377_35000_0403.N1	09-NOV-2008 05:44:16	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	35000	No
58	GOM_NL__2PRFIN20081109_060318_000000442073_00377_35000_0404.N1	09-NOV-2008 06:03:18	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	35000	No
59	GOM_NL__2PRFIN20081109_060924_000000372073_00378_35001_0402.N1	09-NOV-2008 06:09:24	Dark	37.000	29	Bet Car	1.6720	10200.	74	35001	No
60	GOM_NL__2PRFIN20081109_061528_000000622073_00378_35001_0403.N1	09-NOV-2008 06:15:28	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	35001	No
61	GOM_NL__2PRFIN20081109_062451_000000392073_00378_35001_0404.N1	09-NOV-2008 06:24:51	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	35001	No
62	GOM_NL__2PRFIN20081109_063817_000000492073_00378_35001_0405.N1	09-NOV-2008 06:38:17	Twi_and_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	35001	No
63	GOM_NL__2PRFIN20081109_064255_000000372073_00378_35001_0406.N1	09-NOV-2008 06:42:55	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	35001	No
64	GOM_NL__2PRFIN20081109_064704_000000372073_00378_35001_0407.N1	09-NOV-2008 06:47:04	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	35001	No
65	GOM_NL__2PRFIN20081109_064908_000000392073_00378_35001_0408.N1	09-NOV-2008 06:49:08	Bright	39.000	73	57Gam1And	2.2600	13100.	78	35001	No
66	GOM_NL__2PRFIN20081109_065308_000000372073_00378_35001_0409.N1	09-NOV-2008 06:53:08	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	35001	No
67	GOM_NL__2PRFIN20081109_070215_000000362073_00378_35001_0410.N1	09-NOV-2008 07:02:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35001	No
68	GOM_NL__2PRFIN20081109_071010_000000392073_00378_35001_0411.N1	09-NOV-2008 07:10:10	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	35001	No
69	GOM_NL__2PRFIN20081109_071148_000000402073_00378_35001_0412.N1	09-NOV-2008 07:11:48	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	35001	No
70	GOM_NL__2PRFIN20081109_071540_000000602073_00378_35001_0413.N1	09-NOV-2008 07:15:40	Bright	60.000	174	52Psi UMa	3.0040	4400.0	120	35001	No
71	GOM_NL__2PRFIN20081109_071711_000000332073_00378_35001_0414.N1	09-NOV-2008 07:17:11	Bright	33.000	152	12Alp2CVn	2.8900	11000.	66	35001	No
72	GOM_NL__2PRFIN20081109_072341_000000332073_00378_35001_0415.N1	09-NOV-2008 07:23:41	Bright	33.000	96	68Del Leo	2.5600	9300.0	66	35001	No
73	GOM_NL__2PRFIN20081109_072452_000000382073_00378_35001_0416.N1	09-NOV-2008 07:24:52	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	35001	No
74	GOM_NL__2PRFIN20081109_074354_000000432073_00378_35001_0417.N1	09-NOV-2008 07:43:54	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35001	No
75	GOM_NL__2PRFIN20081109_075000_000000372073_00379_35002_0417.N1	09-NOV-2008 07:50:00	Dark	37.000	29	Bet Car	1.6720	10200.	74	35002	No
76	GOM_NL__2PRFIN20081109_075605_000000622073_00379_35002_0418.N1	09-NOV-2008 07:56:05	Dark	62.000	2	Alp Car	-0.73600	7000.0	124	35002	No
77	GOM_NL__2PRFIN20081109_080527_000000392073_00379_35002_0419.N1	09-NOV-2008 08:05:27	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	35002	No
78	GOM_NL__2PRFIN20081109_081852_000000512073_00379_35002_0420.N1	09-NOV-2008 08:18:52	Twi_and_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	35002	No
79	GOM_NL__2PRFIN20081109_082331_000000372073_00379_35002_0421.N1	09-NOV-2008 08:23:31	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	35002	No
80	GOM_NL__2PRFIN20081109_082740_000000362073_00379_35002_0422.N1	09-NOV-2008 08:27:40	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	35002	No
81	GOM_NL__2PRFIN20081109_082944_000000392073_00379_35002_0423.N1	09-NOV-2008 08:29:44	Bright	38.500	73	57Gam1And	2.2600	13100.	77	35002	No
82	GOM_NL__2PRFIN20081109_083344_000000372073_00379_35002_0424.N1	09-NOV-2008 08:33:44	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	35002	No
83	GOM_NL__2PRFIN20081109_084251_000000362073_00379_35002_0425.N1	09-NOV-2008 08:42:51	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35002	No
84	GOM_NL__2PRFIN20081109_085046_000000402073_00379_35002_0426.N1	09-NOV-2008 08:50:46	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	35002	No
85	GOM_NL__2PRFIN20081109_085223_000000392073_00379_35002_0427.N1	09-NOV-2008 08:52:23	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	35002	No
86	GOM_NL__2PRFIN20081109_085616_000000422073_00379_35002_0428.N1	09-NOV-2008 08:56:16	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	35002	No
87	GOM_NL__2PRFIN20081109_085747_000000352073_00379_35002_0429.N1	09-NOV-2008 08:57:47	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	35002	No
88	GOM_NL__2PRFIN20081109_090529_000000382073_00379_35002_0430.N1	09-NOV-2008 09:05:29	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	35002	No
89	GOM_NL__2PRFIN20081109_092431_000000422073_00379_35002_0431.N1	09-NOV-2008 09:24:31	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	35002	No
90	GOM_NL__2PRFIN20081109_093037_000000372073_00380_35003_0427.N1	09-NOV-2008 09:30:37	Dark	37.000	29	Bet Car	1.6720	10200.	74	35003	No
91	GOM_NL__2PRFIN20081109_093641_000000492073_00380_35003_0428.N1	09-NOV-2008 09:36:41	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	35003	No
92	GOM_NL__2PRFIN20081109_094603_000000392073_00380_35003_0429.N1	09-NOV-2008 09:46:03	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	35003	No
93	GOM_NL__2PRFIN20081109_095928_000000512073_00380_35003_0430.N1	09-NOV-2008 09:59:28	Twi_and_stray	50.500	94	92Alp Cet	2.5260	3100.0	101	35003	No
94	GOM_NL__2PRFIN20081109_100407_000000362073_00380_35003_0431.N1	09-NOV-2008 10:04:07	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	35003	No
95	GOM_NL__2PRFIN20081109_100816_000000372073_00380_35003_0432.N1	09-NOV-2008 10:08:16	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	35003	No
96	GOM_NL__2PRFIN20081109_101020_000000362073_00380_35003_0433.N1	09-NOV-2008 10:10:20	Bright	36.000	73	57Gam1And	2.2600	13100.	72	35003	No
97	GOM_NL__2PRFIN20081109_101420_000000372073_00380_35003_0434.N1	09-NOV-2008 10:14:20	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	35003	No
98	GOM_NL__2PRFIN20081109_102327_000000362073_00380_35003_0435.N1	09-NOV-2008 10:23:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35003	No
99	GOM_NL__2PRFIN20081109_103121_000000412073_00380_35003_0436.N1	09-NOV-2008 10:31:21	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	35003	No
100	GOM_NL__2PRFIN20081109_103259_000000402073_00380_35003_0437.N1	09-NOV-2008 10:32:59	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	35003	No
101	GOM_NL__2PRFIN20081109_103652_000000392073_00380_35003_0438.N1	09-NOV-2008 10:36:52	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	35003	No

220	GOM_NL__2PRFIN20081109_232414_000000492073_00388_35011_0556.N1	09-NOV-2008 23:24:14	Twilight_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	35011	No
221	GOM_NL__2PRFIN20081109_232854_000000362073_00388_35011_0557.N1	09-NOV-2008 23:28:54	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	35011	No
222	GOM_NL__2PRFIN20081109_233302_000000362073_00388_35011_0558.N1	09-NOV-2008 23:33:02	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	35011	No
223	GOM_NL__2PRFIN20081109_233506_000000392073_00388_35011_0559.N1	09-NOV-2008 23:35:06	Bright	38.500	73	57Gam1And	2.2600	13100.	77	35011	No
224	GOM_NL__2PRFIN20081109_233909_000000522073_00388_35011_0560.N1	09-NOV-2008 23:39:09	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	35011	No
225	GOM_NL__2PRFIN20081109_234814_000000362073_00388_35011_0561.N1	09-NOV-2008 23:48:14	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35011	No
226	GOM_NL__2PRFIN20081109_235607_000000392073_00388_35011_0562.N1	09-NOV-2008 23:56:07	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	35011	No
227	GOM_NL__2PRFIN20081109_235745_000000422073_00388_35011_0563.N1	09-NOV-2008 23:57:45	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	35011	No

3. Quality information per product

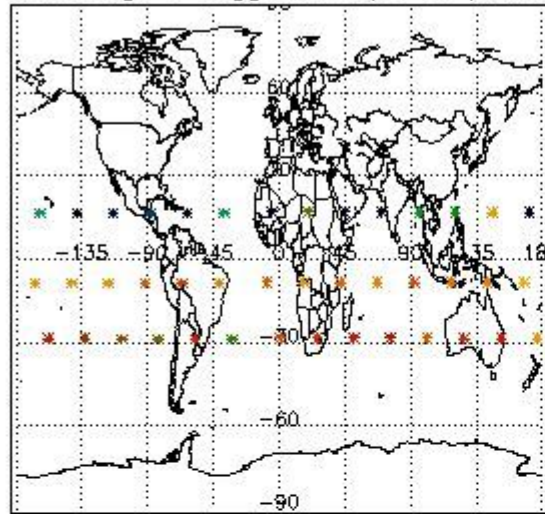
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

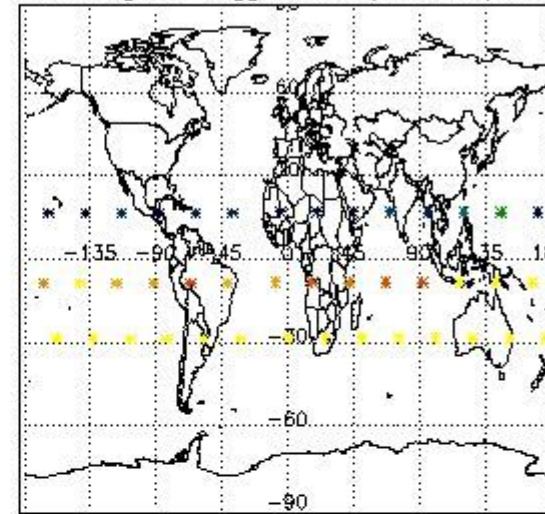


3.2 Plot quality information per product (world map)

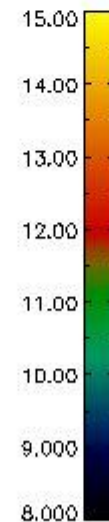
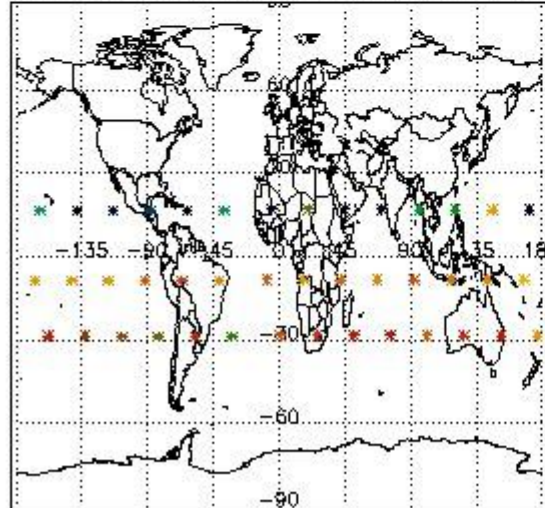
Percentage of flagged data per O3 profile



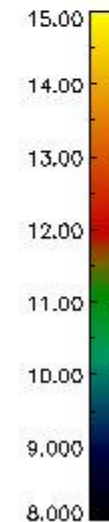
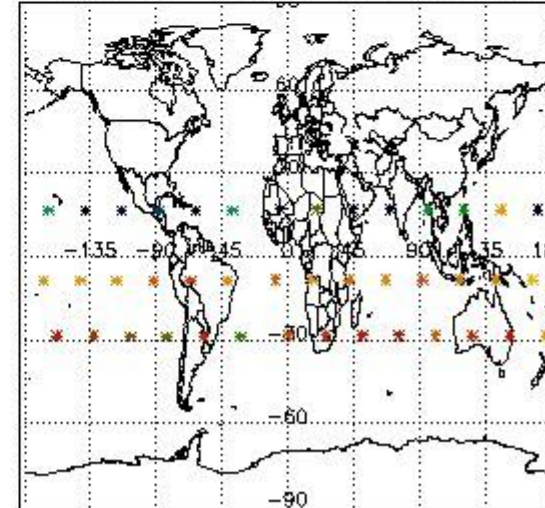
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

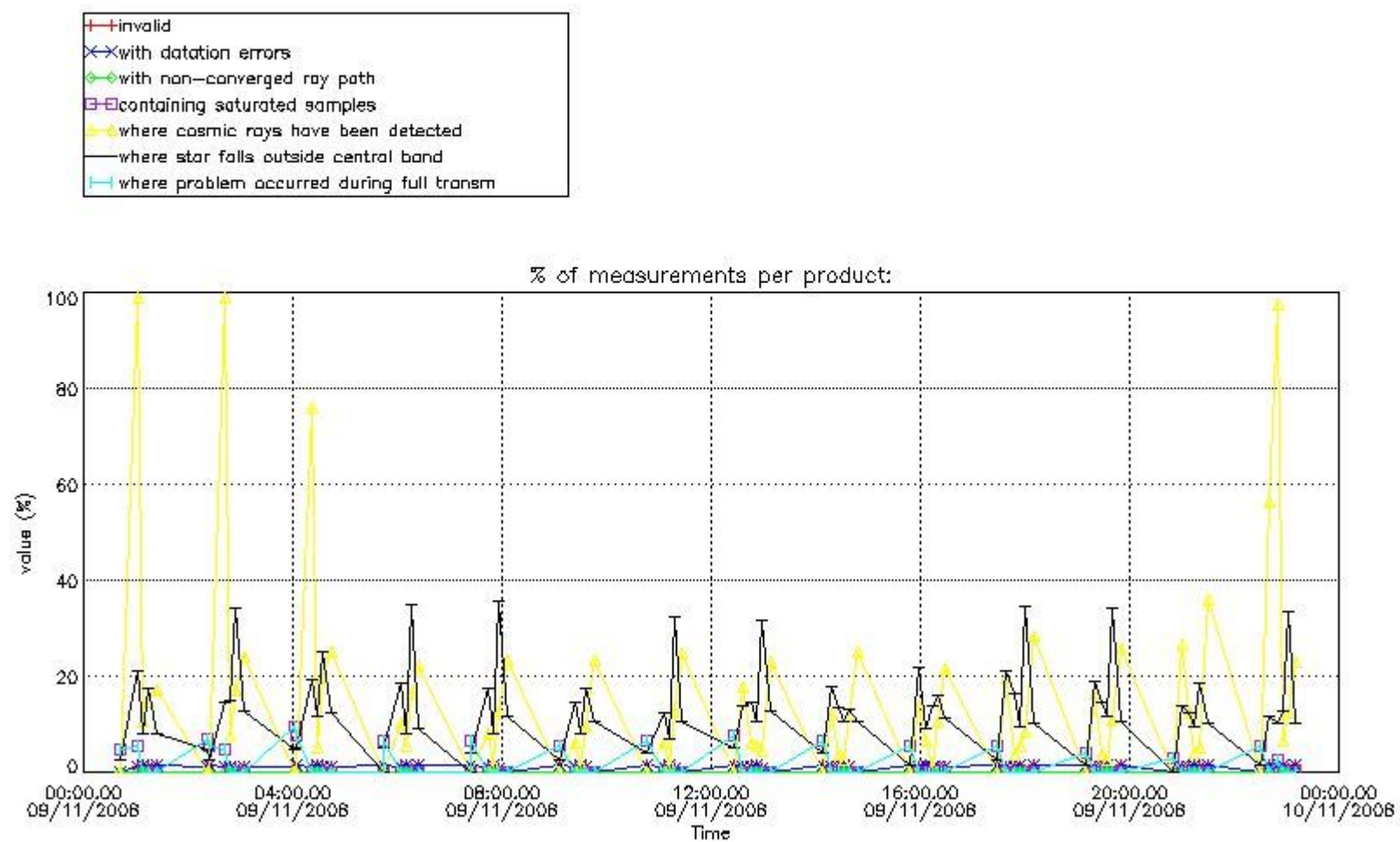


4. Level 1 quality information per product

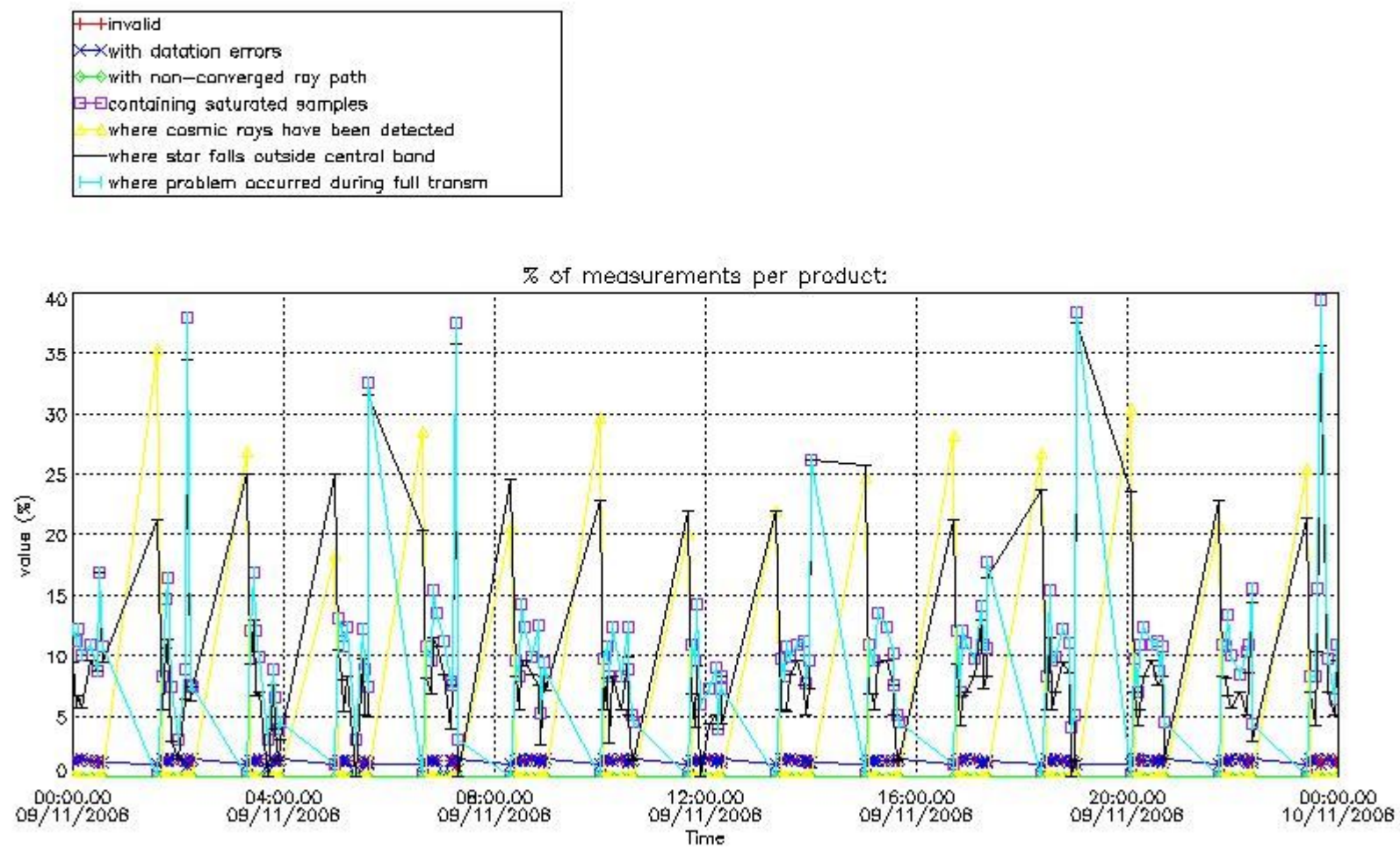
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



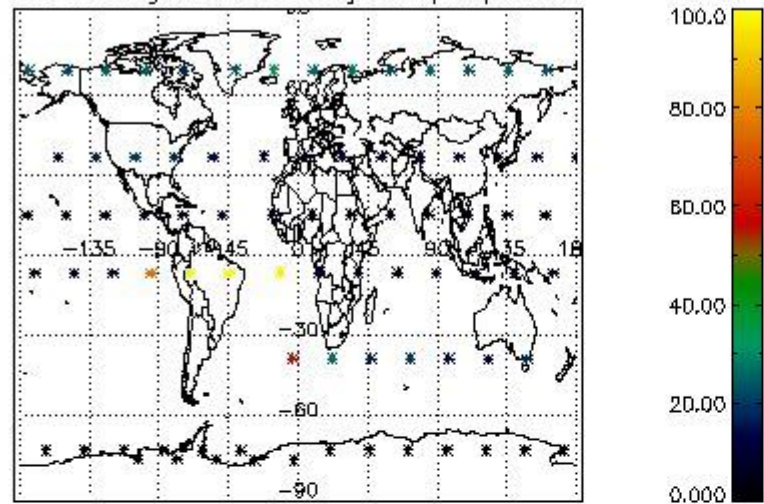
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



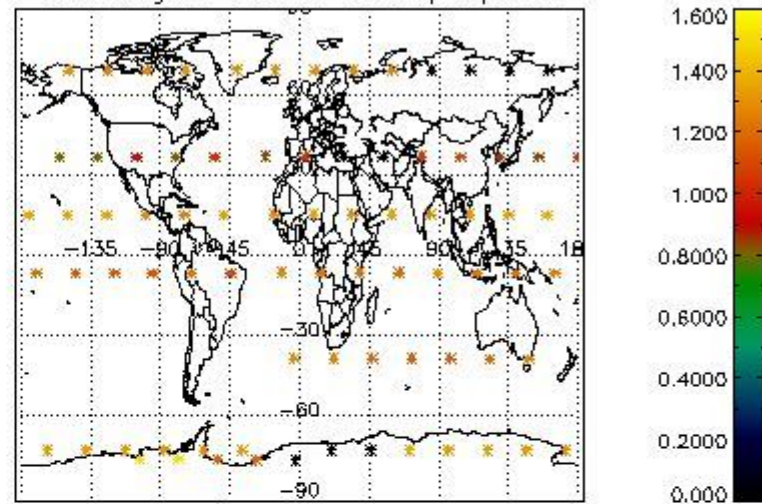
4.2 Plot quality information per product coming from level 1b processing (world map)

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

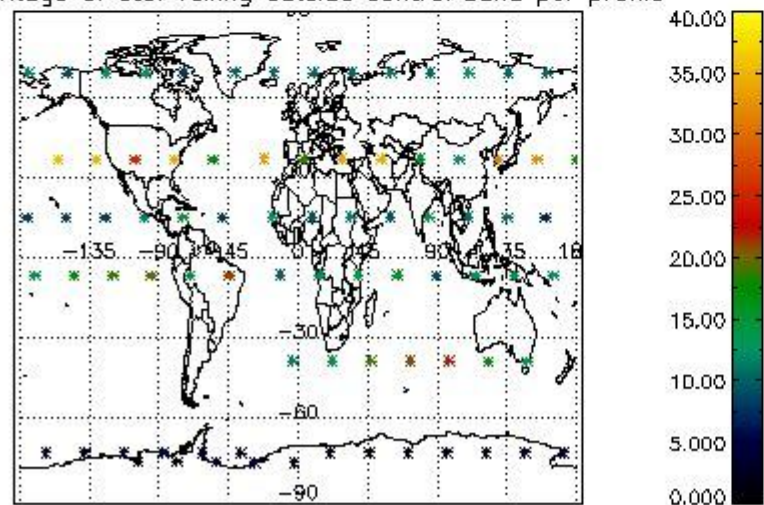
Percentage of cosmic ray hits per profile



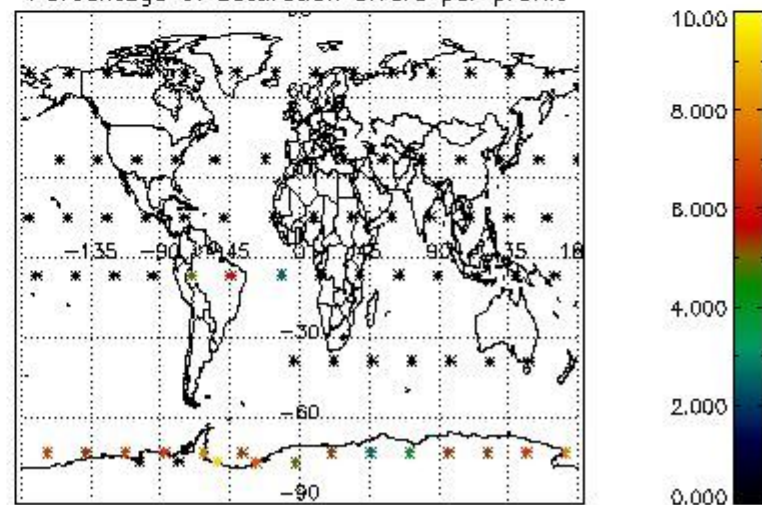
Percentage of datation errors per profile



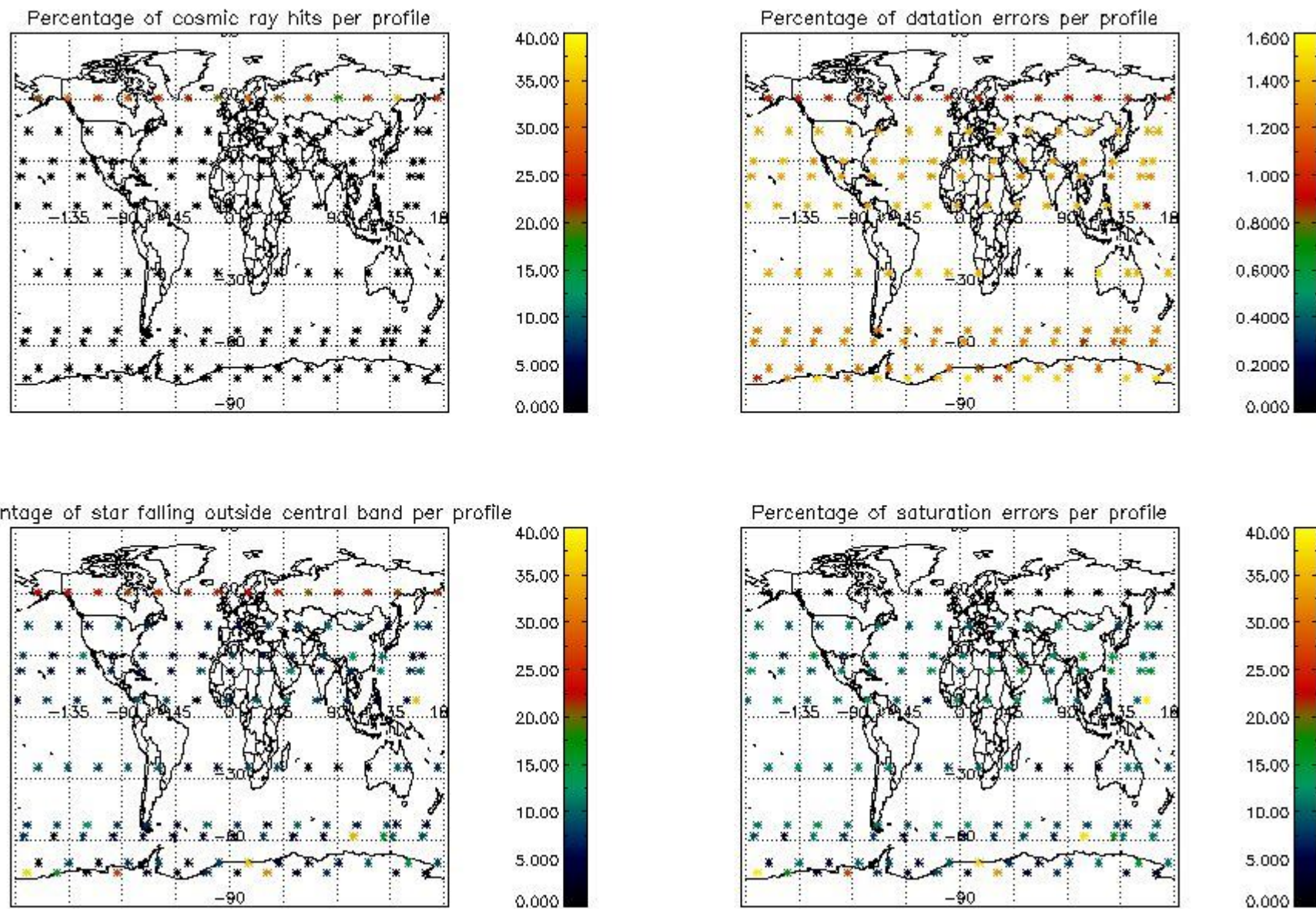
Percentage of star falling outside central band per profile



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

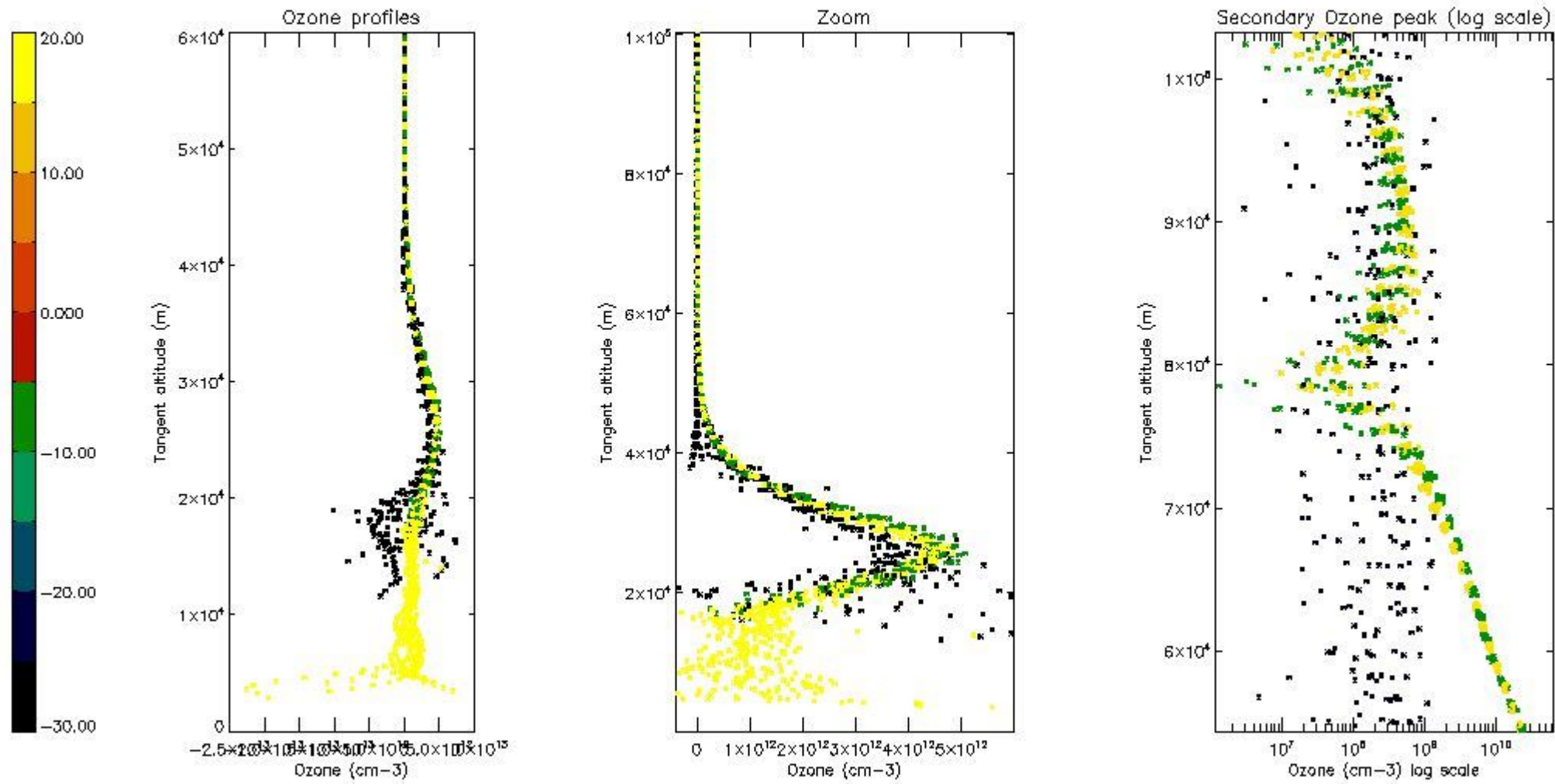
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	9
STD < 5	6

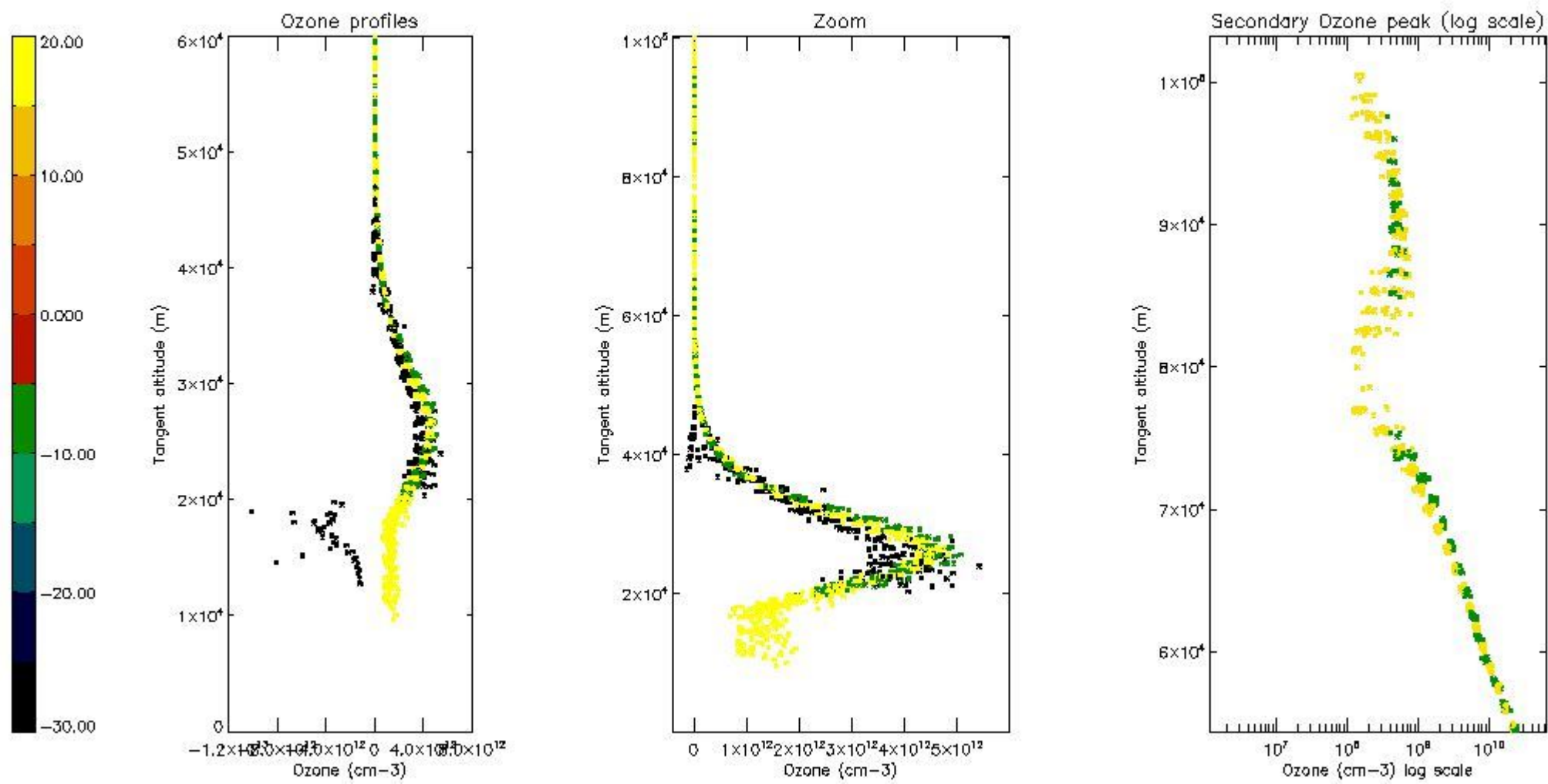
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



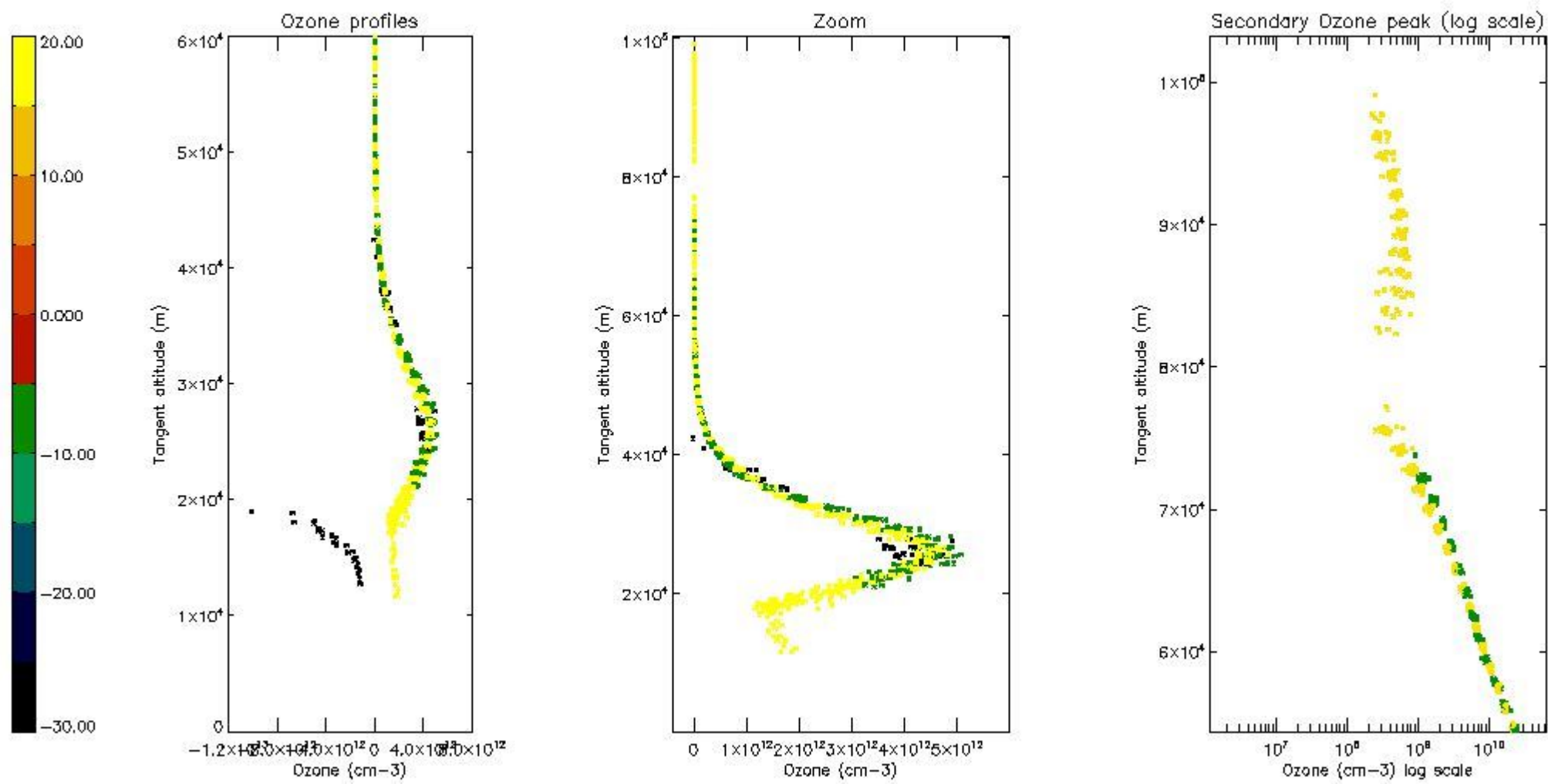
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



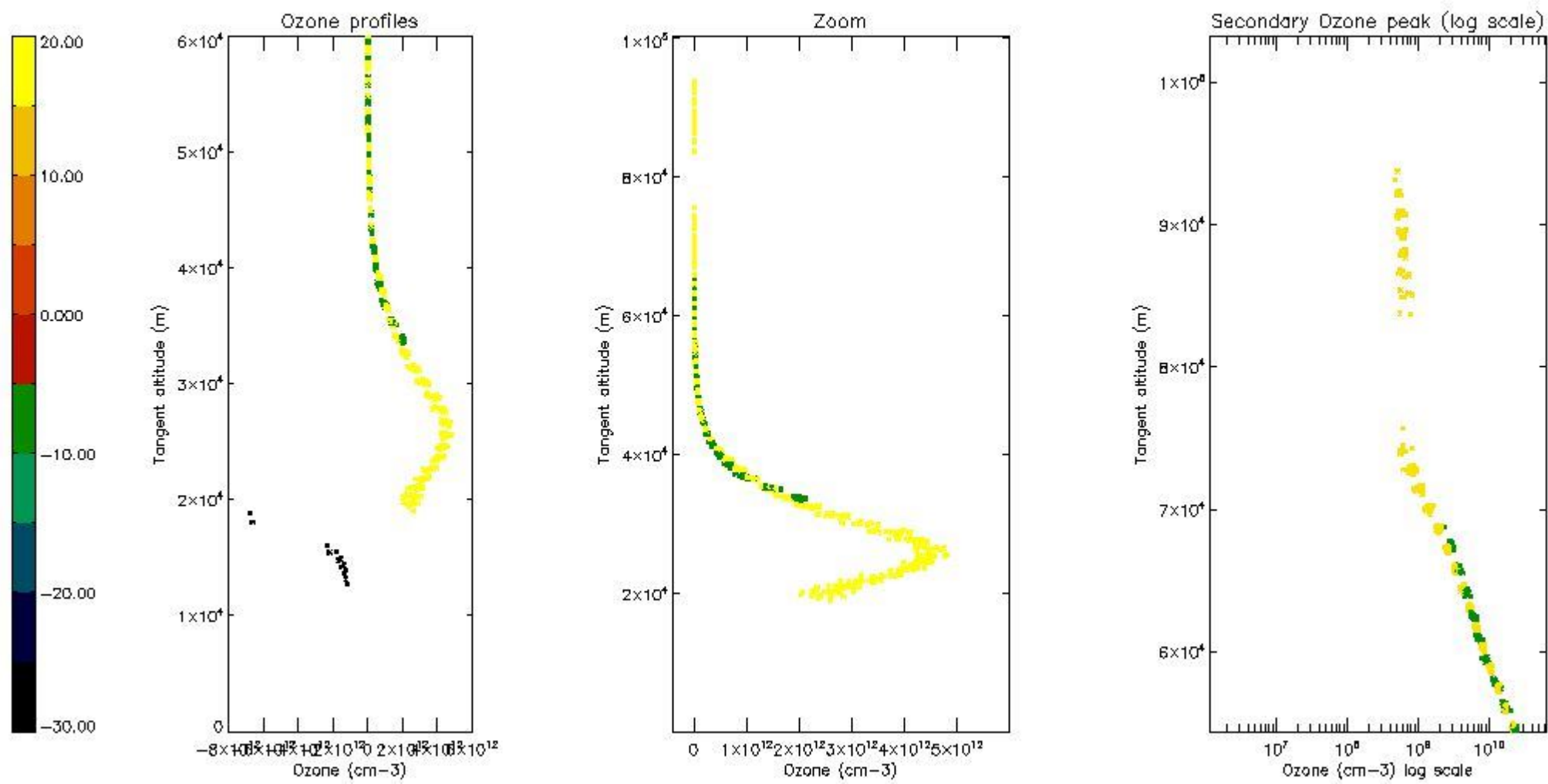
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



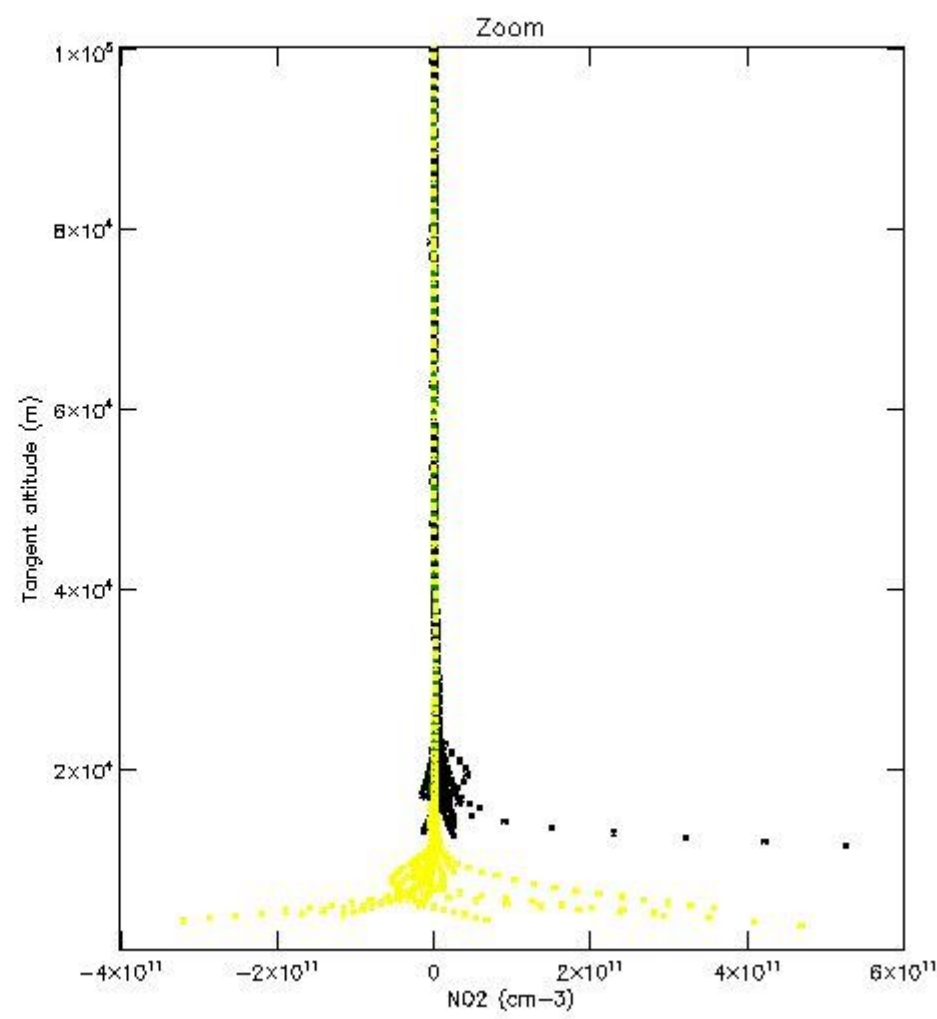
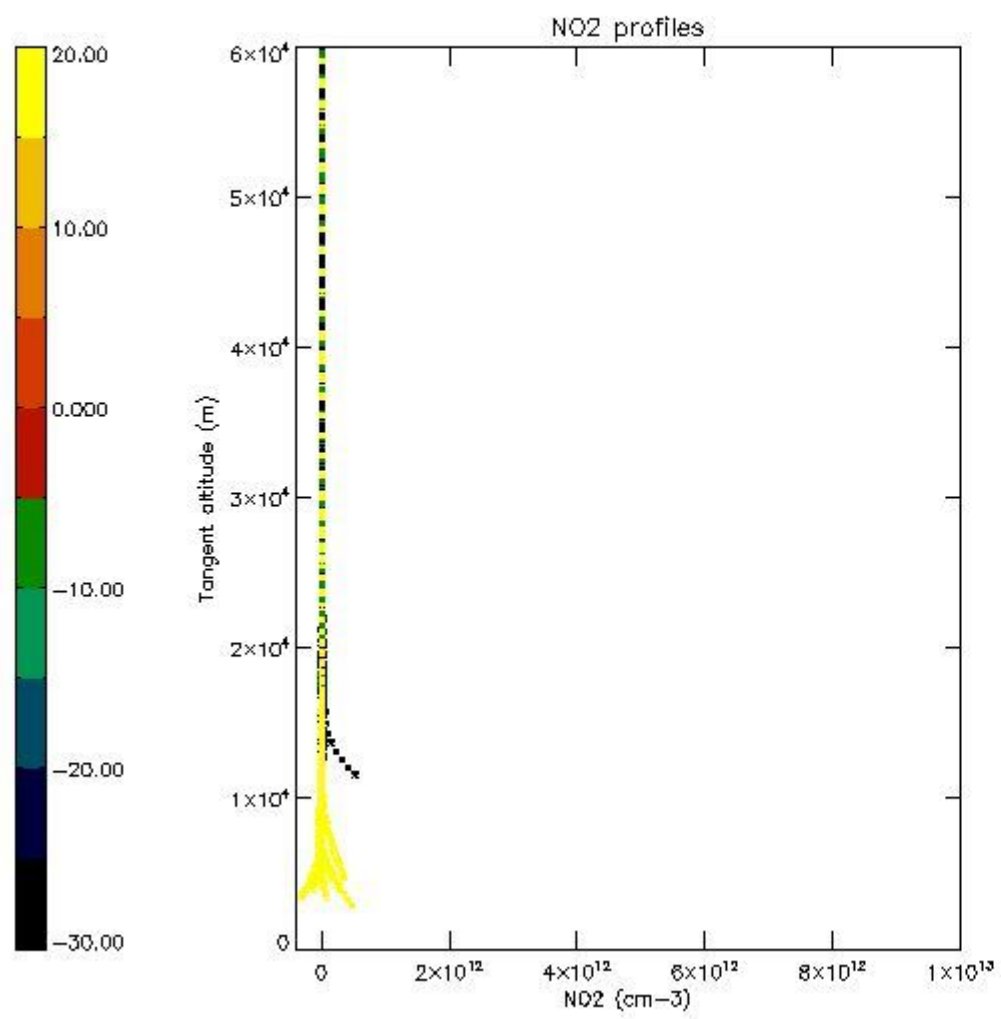
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



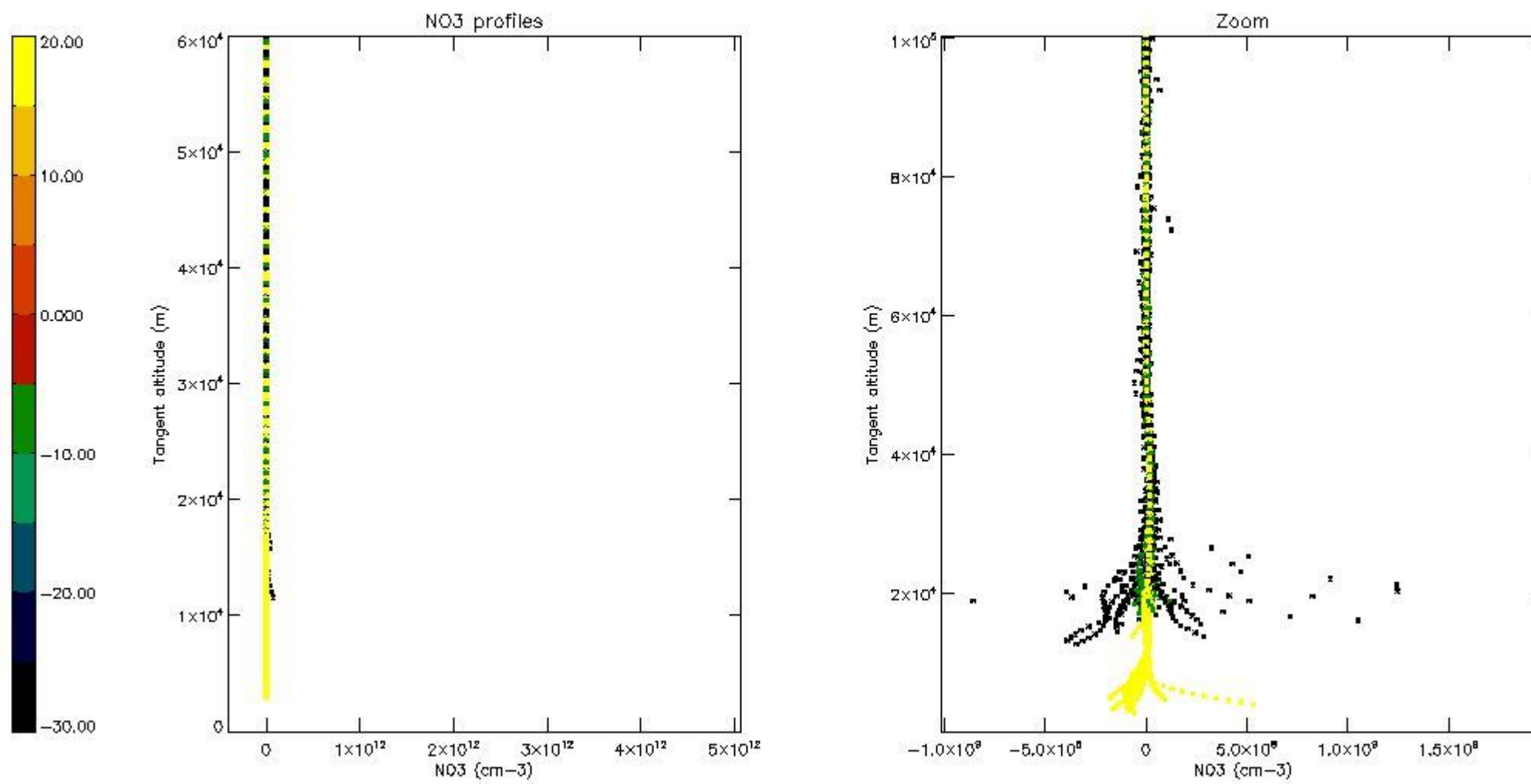
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



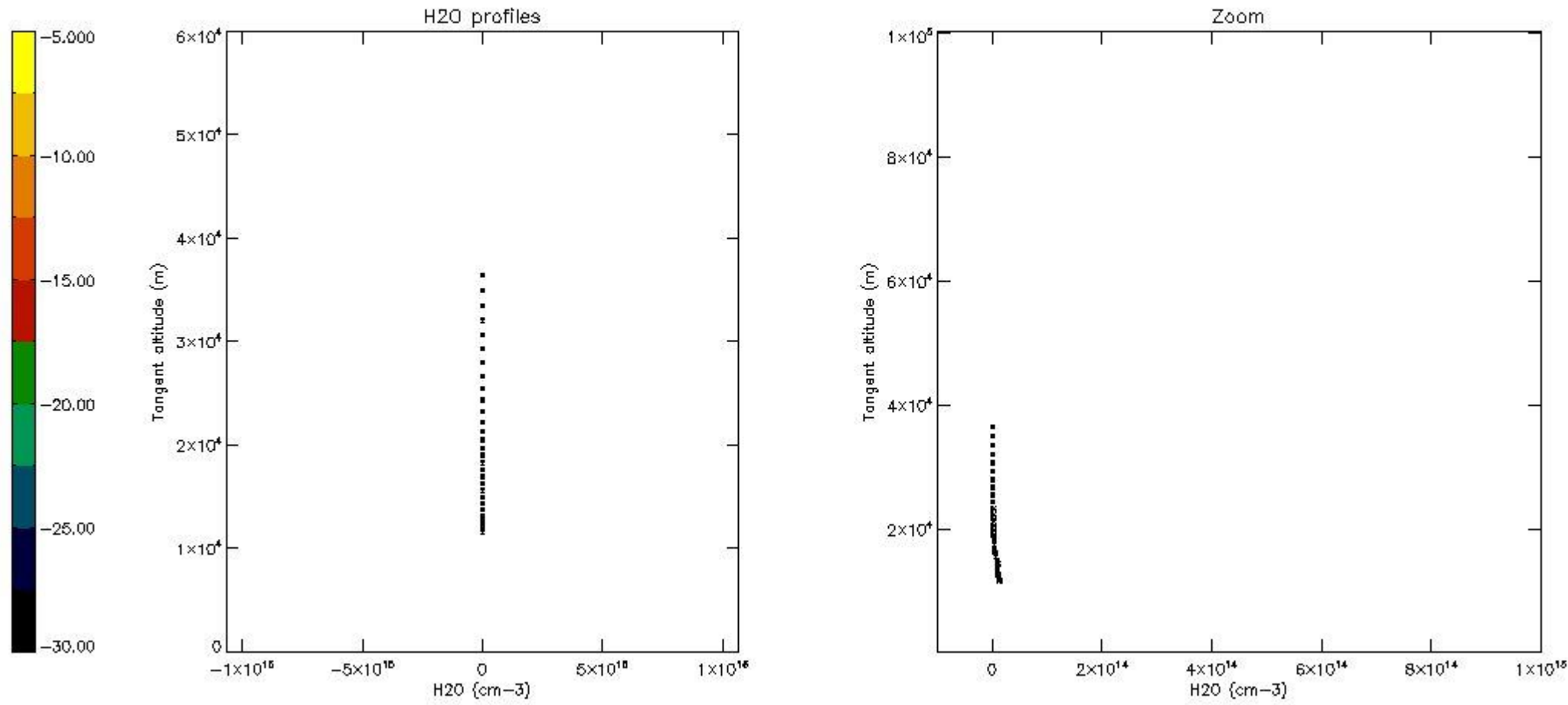
5.7 Plot NO3 profiles for all STD (dark without errors)

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-2008 00:00:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-NOV-2008 00:00:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-NOV-2008 00:00:31

GOMOS Level 2 Daily Report

SUMMARY

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

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

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[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](#)

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 21:52:13
Data source version	GOMOS/6.01
Start time of products	09-11-2008 (09NOV2008 00:00:00)
Stop time of products	10-11-2008 (10NOV2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

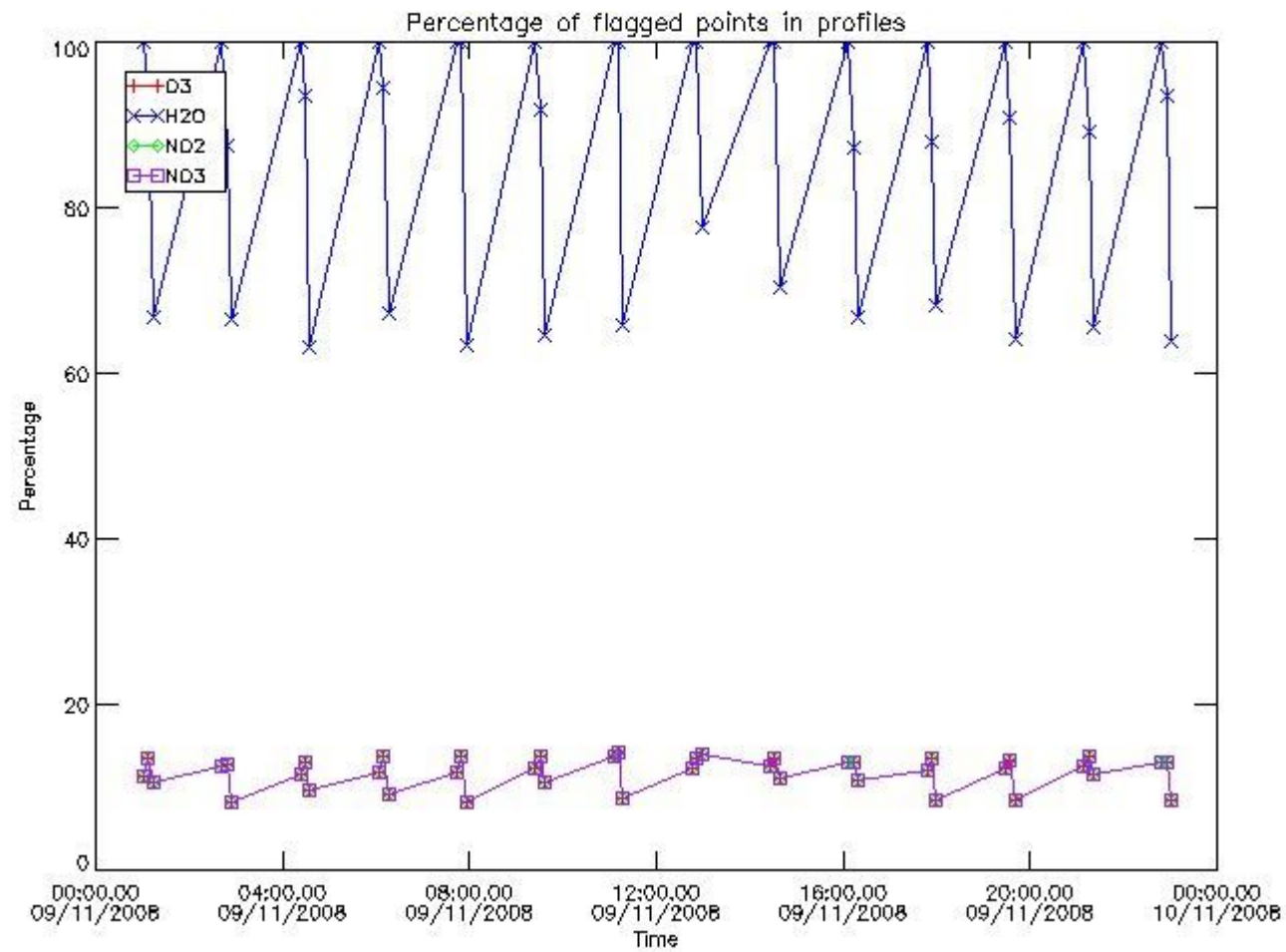
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081109_000031_000000372073_00374_34997_0342.N1	09-NOV-2008 00:00:31	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	34997	No
2	GOM_NL__2PRFIN20081109_000446_000000362073_00374_34997_0343.N1	09-NOV-2008 00:04:46	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34997	No
3	GOM_NL__2PRFIN20081109_000645_000000372073_00374_34997_0344.N1	09-NOV-2008 00:06:45	Bright	37.000	73	57Gam1And	2.2600	13100.	74	34997	No
4	GOM_NL__2PRFIN20081109_001044_000000352073_00374_34997_0345.N1	09-NOV-2008 00:10:44	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34997	No
5	GOM_NL__2PRFIN20081109_001951_000000372073_00374_34997_0346.N1	09-NOV-2008 00:19:51	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34997	No
6	GOM_NL__2PRFIN20081109_002747_000000402073_00374_34997_0347.N1	09-NOV-2008 00:27:47	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	34997	No
7	GOM_NL__2PRFIN20081109_002925_000000452073_00374_34997_0348.N1	09-NOV-2008 00:29:25	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	34997	No
8	GOM_NL__2PRFIN20081109_003317_000000422073_00374_34997_0349.N1	09-NOV-2008 00:33:17	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	34997	No
9	GOM_NL__2PRFIN20081109_004116_000000412073_00374_34997_0350.N1	09-NOV-2008 00:41:16	Bright	41.000	96	68Del Leo	2.5600	9300.0	82	34997	No
10	GOM_NL__2PRFIN20081109_010128_000000452073_00374_34997_0351.N1	09-NOV-2008 01:01:28	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	34997	No
11	GOM_NL__2PRFIN20081109_010735_000000382073_00375_34998_0348.N1	09-NOV-2008 01:07:35	Dark	37.500	29	Bet Car	1.6720	10200.	75	34998	No
12	GOM_NL__2PRFIN20081109_011338_000000492073_00375_34998_0349.N1	09-NOV-2008 01:13:38	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34998	No
13	GOM_NL__2PRFIN20081109_012302_000000382073_00375_34998_0350.N1	09-NOV-2008 01:23:02	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	34998	No
14	GOM_NL__2PRFIN20081109_013629_000000502073_00375_34998_0351.N1	09-NOV-2008 01:36:29	Twilight_and_stray	49.500	94	92Alp Cet	2.5260	3100.0	99	34998	No
15	GOM_NL__2PRFIN20081109_014107_000000362073_00375_34998_0352.N1	09-NOV-2008 01:41:07	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	34998	No
16	GOM_NL__2PRFIN20081109_014522_000000382073_00375_34998_0353.N1	09-NOV-2008 01:45:22	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34998	No
17	GOM_NL__2PRFIN20081109_014721_000000402073_00375_34998_0354.N1	09-NOV-2008 01:47:21	Bright	39.500	73	57Gam1And	2.2600	13100.	79	34998	No
18	GOM_NL__2PRFIN20081109_015120_000000342073_00375_34998_0355.N1	09-NOV-2008 01:51:20	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	34998	No
19	GOM_NL__2PRFIN20081109_020027_000000332073_00375_34998_0356.N1	09-NOV-2008 02:00:27	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	34998	No
20	GOM_NL__2PRFIN20081109_020822_000000402073_00375_34998_0357.N1	09-NOV-2008 02:08:22	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34998	No
21	GOM_NL__2PRFIN20081109_021000_000000582073_00375_34998_0358.N1	09-NOV-2008 02:10:00	Bright	58.000	82	48Bet UMa	2.3650	10600.	116	34998	No
22	GOM_NL__2PRFIN20081109_021353_000000402073_00375_34998_0359.N1	09-NOV-2008 02:13:53	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	34998	No
23	GOM_NL__2PRFIN20081109_021523_000000342073_00375_34998_0360.N1	09-NOV-2008 02:15:23	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	34998	No
24	GOM_NL__2PRFIN20081109_022152_000000432073_00375_34998_0361.N1	09-NOV-2008 02:21:52	Bright	42.500	96	68Del Leo	2.5600	9300.0	85	34998	No
25	GOM_NL__2PRFIN20081109_022304_000000382073_00375_34998_0362.N1	09-NOV-2008 02:23:04	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	34998	No
26	GOM_NL__2PRFIN20081109_024205_000000412073_00375_34998_0363.N1	09-NOV-2008 02:42:05	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	34998	No
27	GOM_NL__2PRFIN20081109_024811_000000402073_00376_34999_0372.N1	09-NOV-2008 02:48:11	Dark	40.000	29	Bet Car	1.6720	10200.	80	34999	No
28	GOM_NL__2PRFIN20081109_025414_000000622073_00376_34999_0373.N1	09-NOV-2008 02:54:14	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	34999	No
29	GOM_NL__2PRFIN20081109_030338_000000402073_00376_34999_0374.N1	09-NOV-2008 03:03:38	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34999	No
30	GOM_NL__2PRFIN20081109_031705_000000522073_00376_34999_0375.N1	09-NOV-2008 03:17:05	Twilight_and_stray	52.000	94	92Alp Cet	2.5260	3100.0	104	34999	No
31	GOM_NL__2PRFIN20081109_032143_000000382073_00376_34999_0376.N1	09-NOV-2008 03:21:43	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34999	No
32	GOM_NL__2PRFIN20081109_032558_000000392073_00376_34999_0377.N1	09-NOV-2008 03:25:58	Bright	38.500	53	43Bet And	2.0480	3300.0	77	34999	No
33	GOM_NL__2PRFIN20081109_032757_000000382073_00376_34999_0378.N1	09-NOV-2008 03:27:57	Bright	37.500	73	57Gam1And	2.2600	13100.	75	34999	No
34	GOM_NL__2PRFIN20081109_033156_000000362073_00376_34999_0379.N1	09-NOV-2008 03:31:56	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	34999	No
35	GOM_NL__2PRFIN20081109_034103_000000332073_00376_34999_0380.N1	09-NOV-2008 03:41:03	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	34999	No
36	GOM_NL__2PRFIN20081109_034858_000000402073_00376_34999_0381.N1	09-NOV-2008 03:48:58	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34999	No
37	GOM_NL__2PRFIN20081109_035036_000000392073_00376_34999_0382.N1	09-NOV-2008 03:50:36	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	34999	No
38	GOM_NL__2PRFIN20081109_035429_000000392073_00376_34999_0383.N1	09-NOV-2008 03:54:29	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34999	No
39	GOM_NL__2PRFIN20081109_035559_000000342073_00376_34999_0384.N1	09-NOV-2008 03:55:59	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	34999	No
40	GOM_NL__2PRFIN20081109_040228_000000432073_00376_34999_0385.N1	09-NOV-2008 04:02:28	Bright	43.000	96	68Del Leo	2.5600	9300.0	86	34999	No
41	GOM_NL__2PRFIN20081109_040340_000000392073_00376_34999_0386.N1	09-NOV-2008 04:03:40	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	34999	No
42	GOM_NL__2PRFIN20081109_042241_000000442073_00376_34999_0387.N1	09-NOV-2008 04:22:41	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	34999	No

220	GOM_NL__2PRFIN20081109_232414_000000492073_00388_35011_0556.N1	09-NOV-2008 23:24:14	Twilight_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	35011	No
221	GOM_NL__2PRFIN20081109_232854_000000362073_00388_35011_0557.N1	09-NOV-2008 23:28:54	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	35011	No
222	GOM_NL__2PRFIN20081109_233302_000000362073_00388_35011_0558.N1	09-NOV-2008 23:33:02	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	35011	No
223	GOM_NL__2PRFIN20081109_233506_000000392073_00388_35011_0559.N1	09-NOV-2008 23:35:06	Bright	38.500	73	57Gam1And	2.2600	13100.	77	35011	No
224	GOM_NL__2PRFIN20081109_233909_000000522073_00388_35011_0560.N1	09-NOV-2008 23:39:09	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	35011	No
225	GOM_NL__2PRFIN20081109_234814_000000362073_00388_35011_0561.N1	09-NOV-2008 23:48:14	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35011	No
226	GOM_NL__2PRFIN20081109_235607_000000392073_00388_35011_0562.N1	09-NOV-2008 23:56:07	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	35011	No
227	GOM_NL__2PRFIN20081109_235745_000000422073_00388_35011_0563.N1	09-NOV-2008 23:57:45	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	35011	No

3. Quality information per product

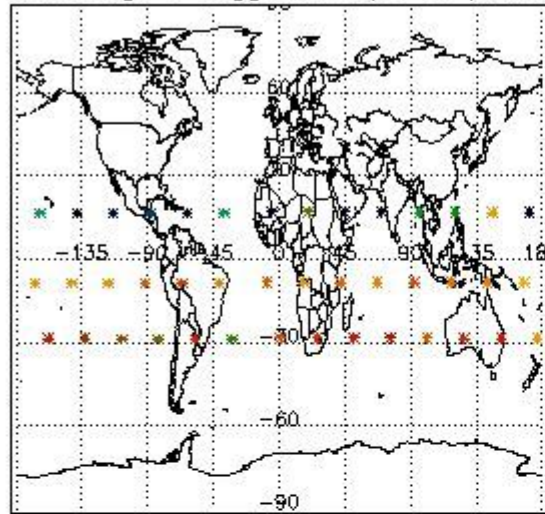
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

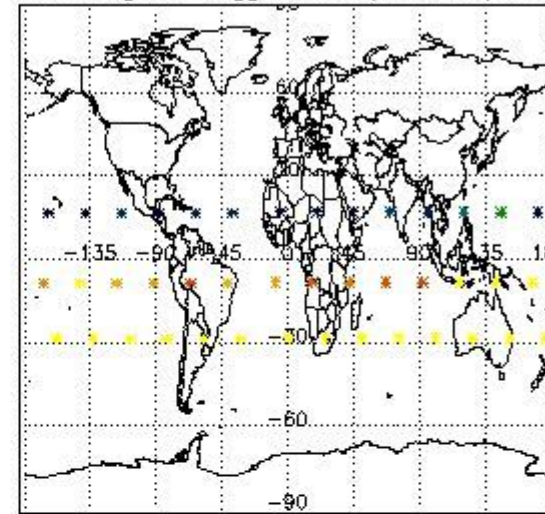


3.2 Plot quality information per product (world map)

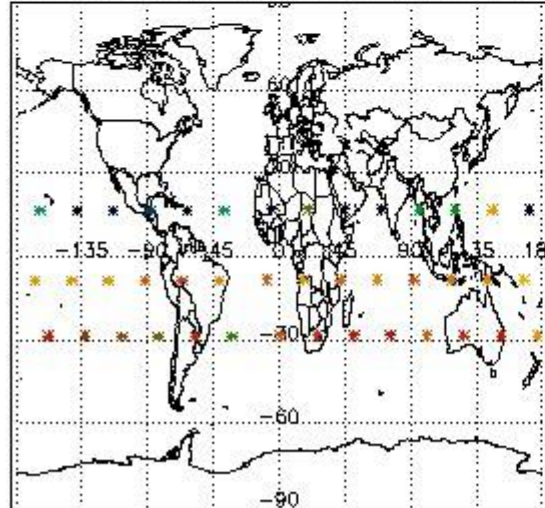
Percentage of flagged data per O3 profile



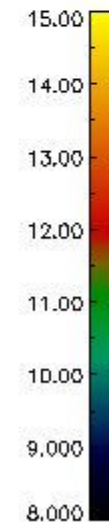
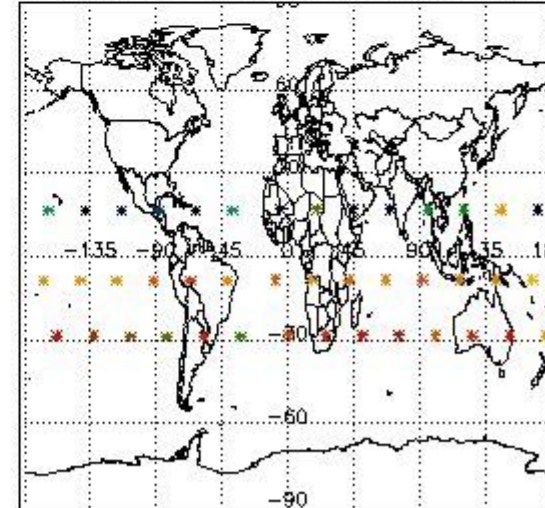
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

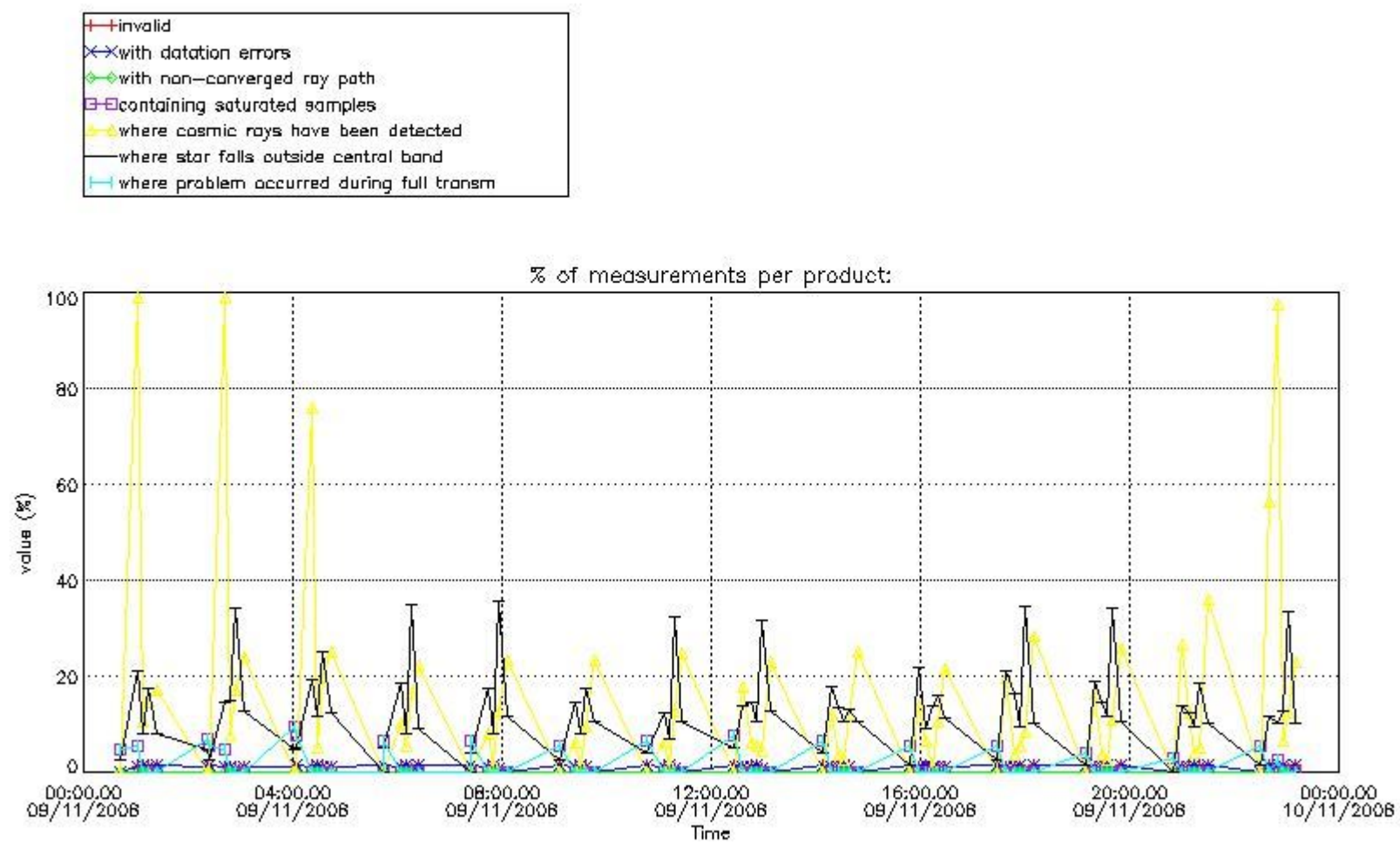


4. Level 1 quality information per product

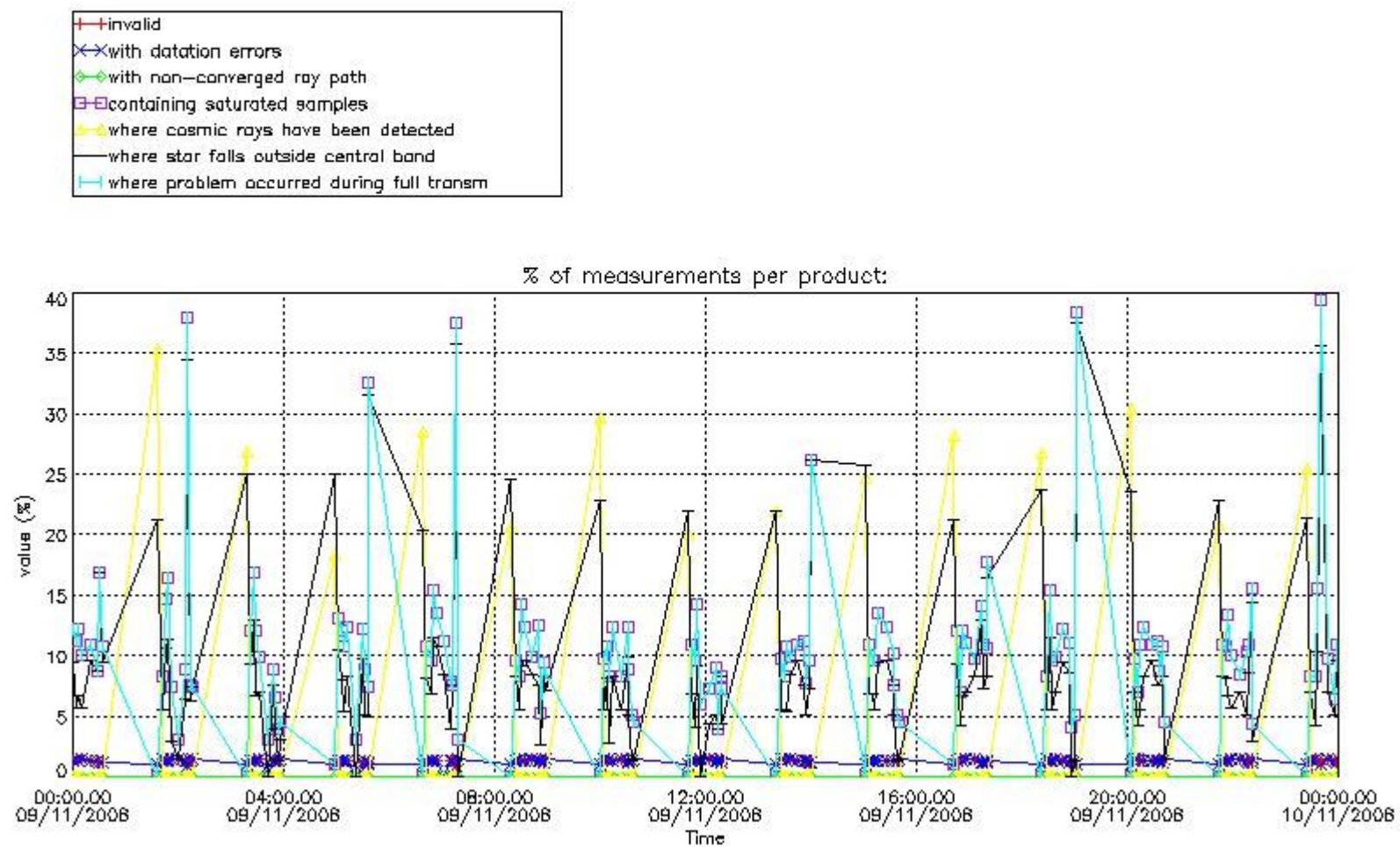
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



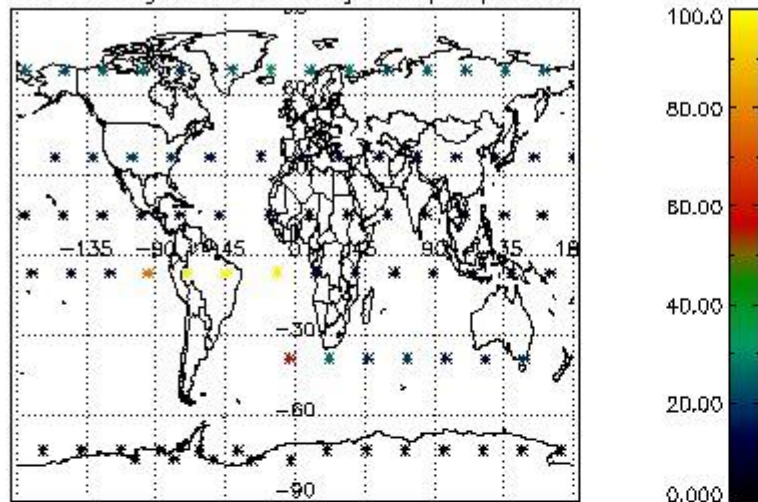
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



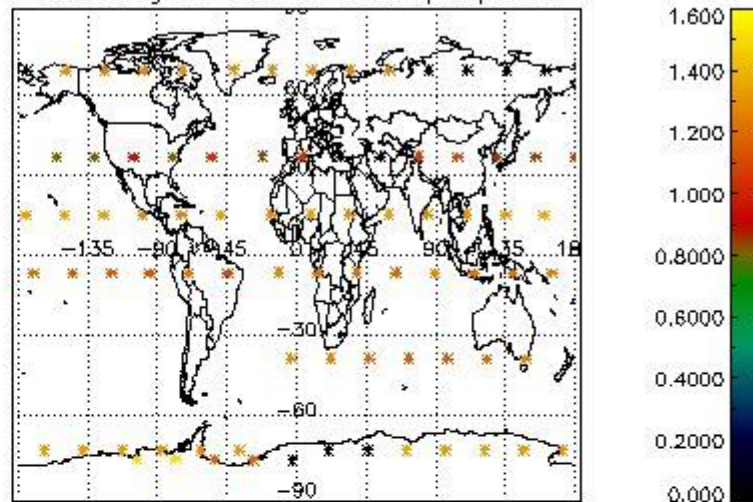
4.2 Plot quality information per product coming from level 1b processing (world map)

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

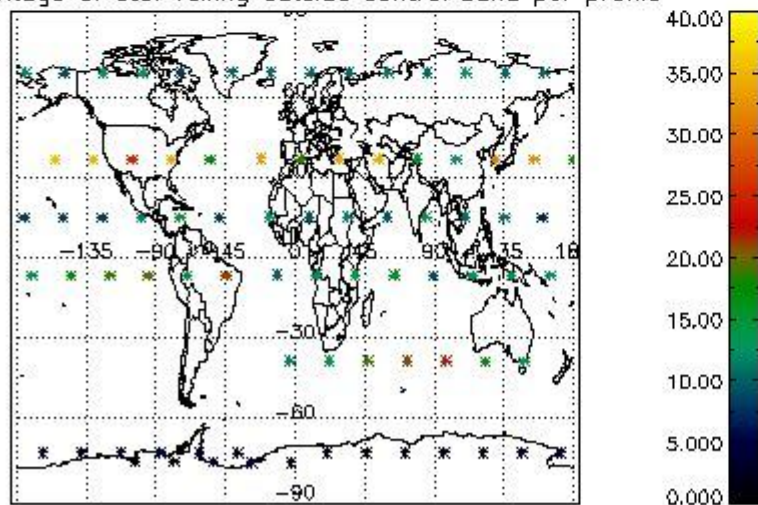
Percentage of cosmic ray hits per profile



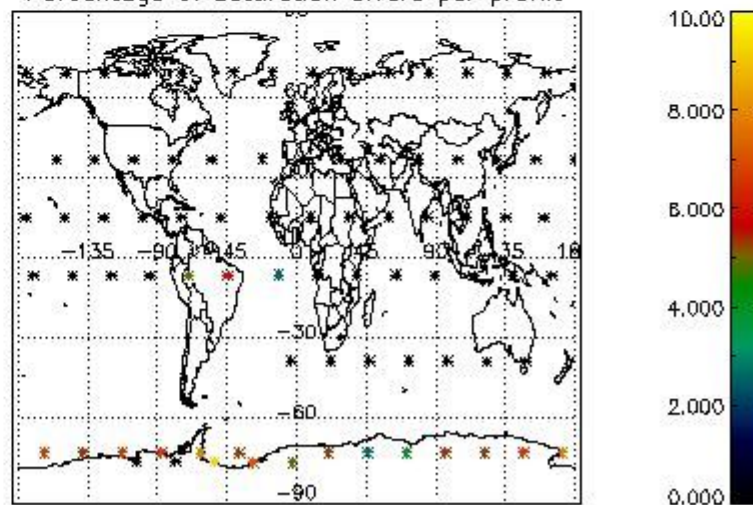
Percentage of datation errors per profile



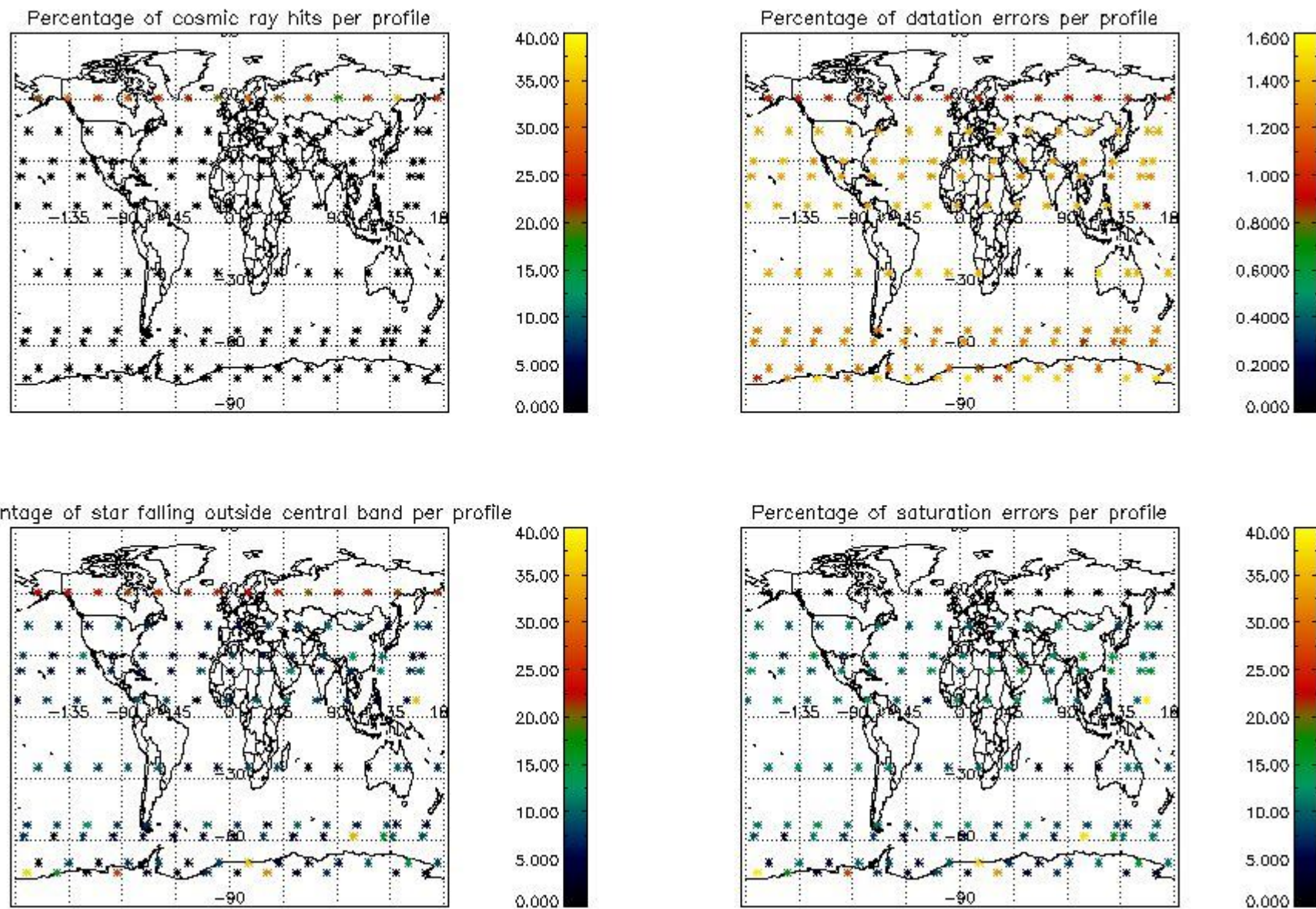
Percentage of star falling outside central band per profile



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

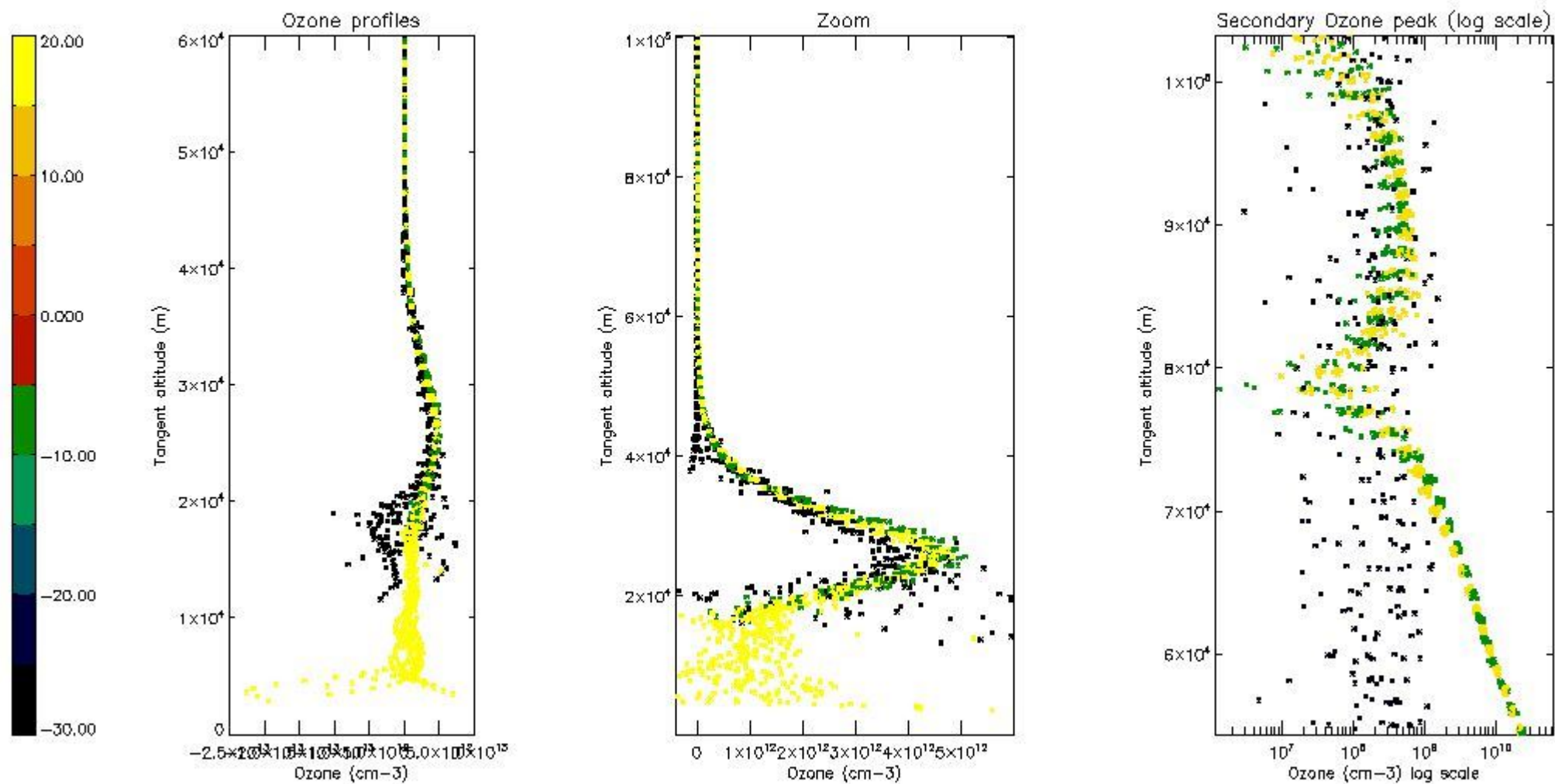
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	9
STD < 5	6

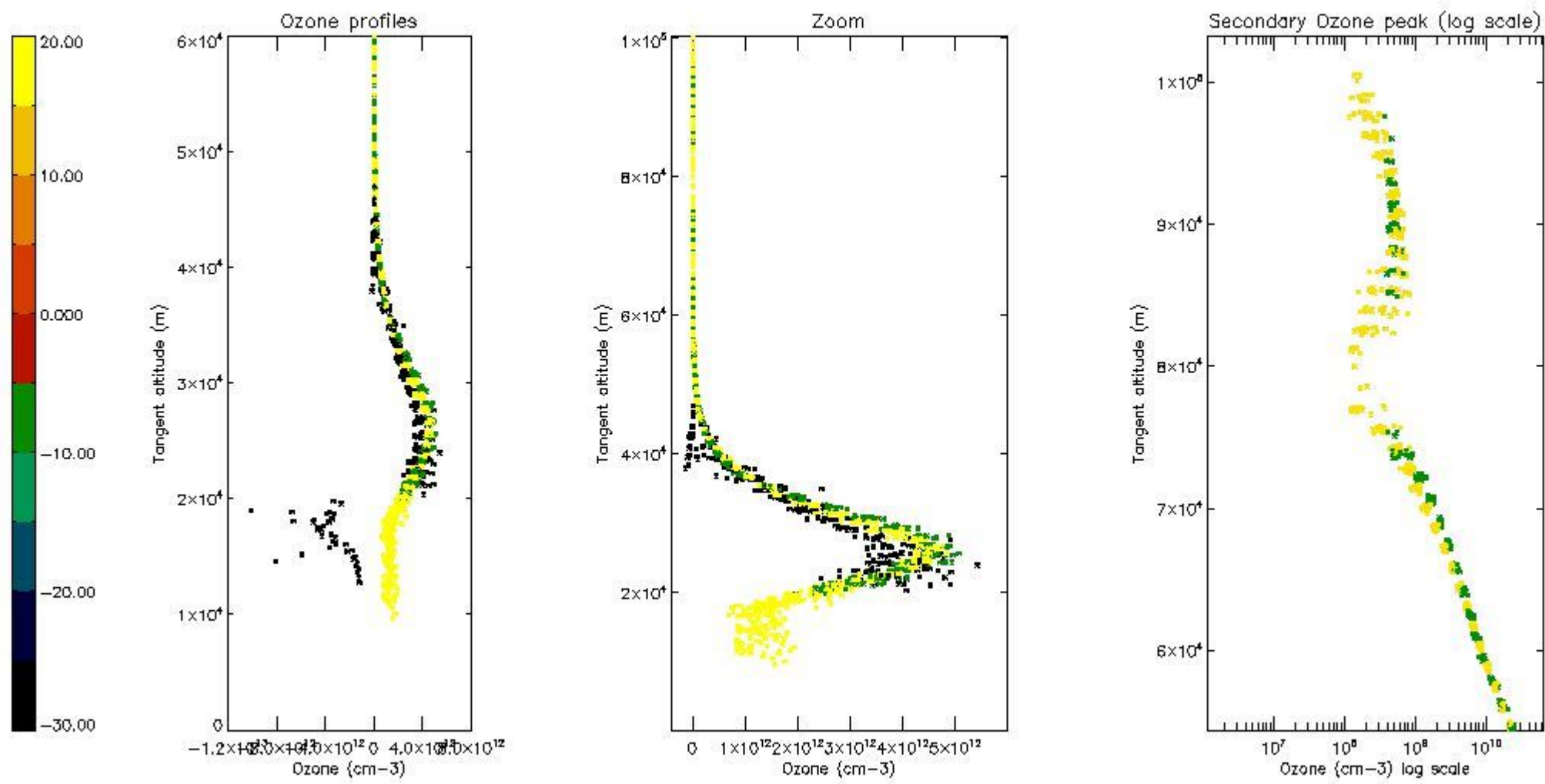
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



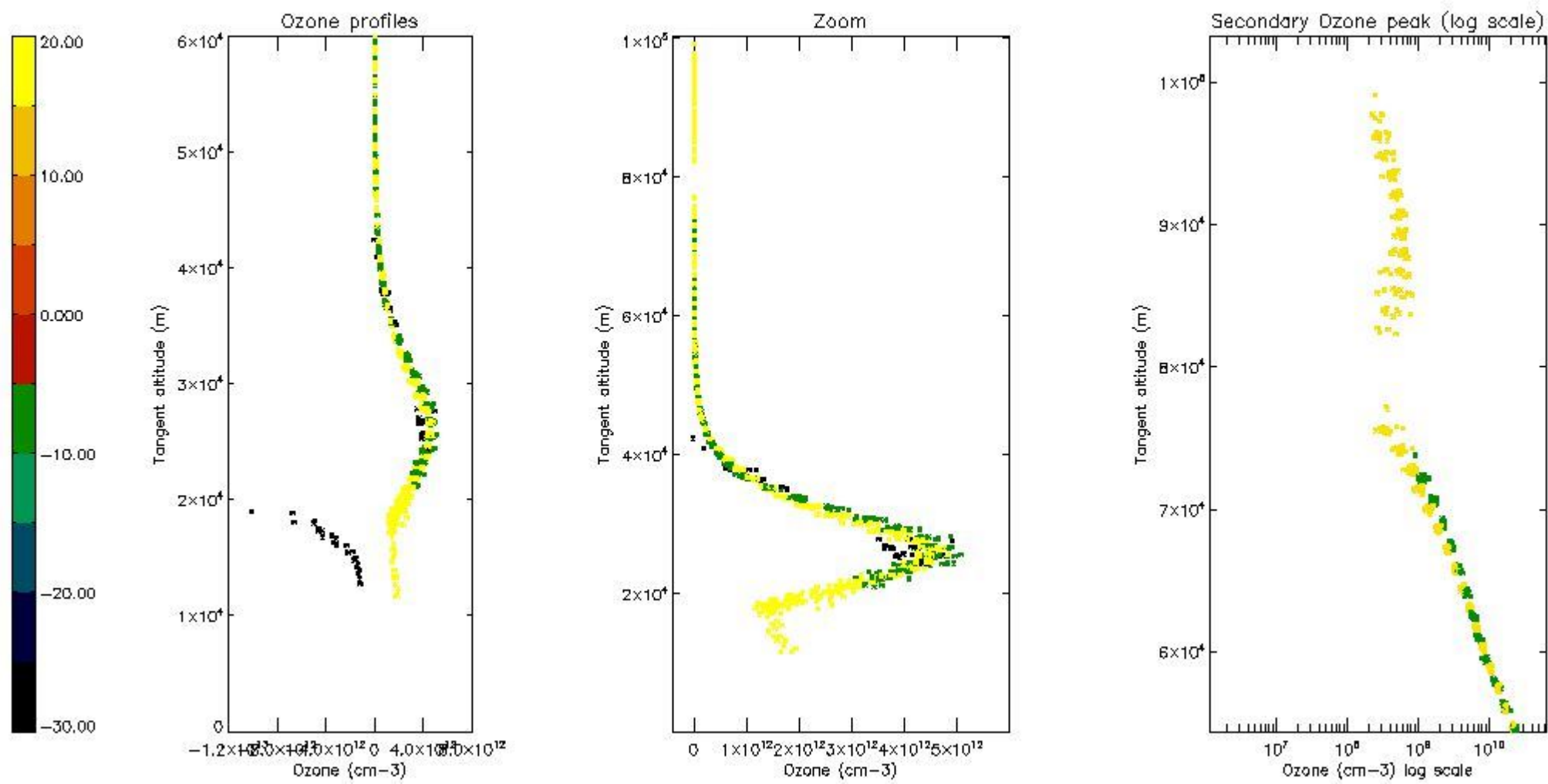
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



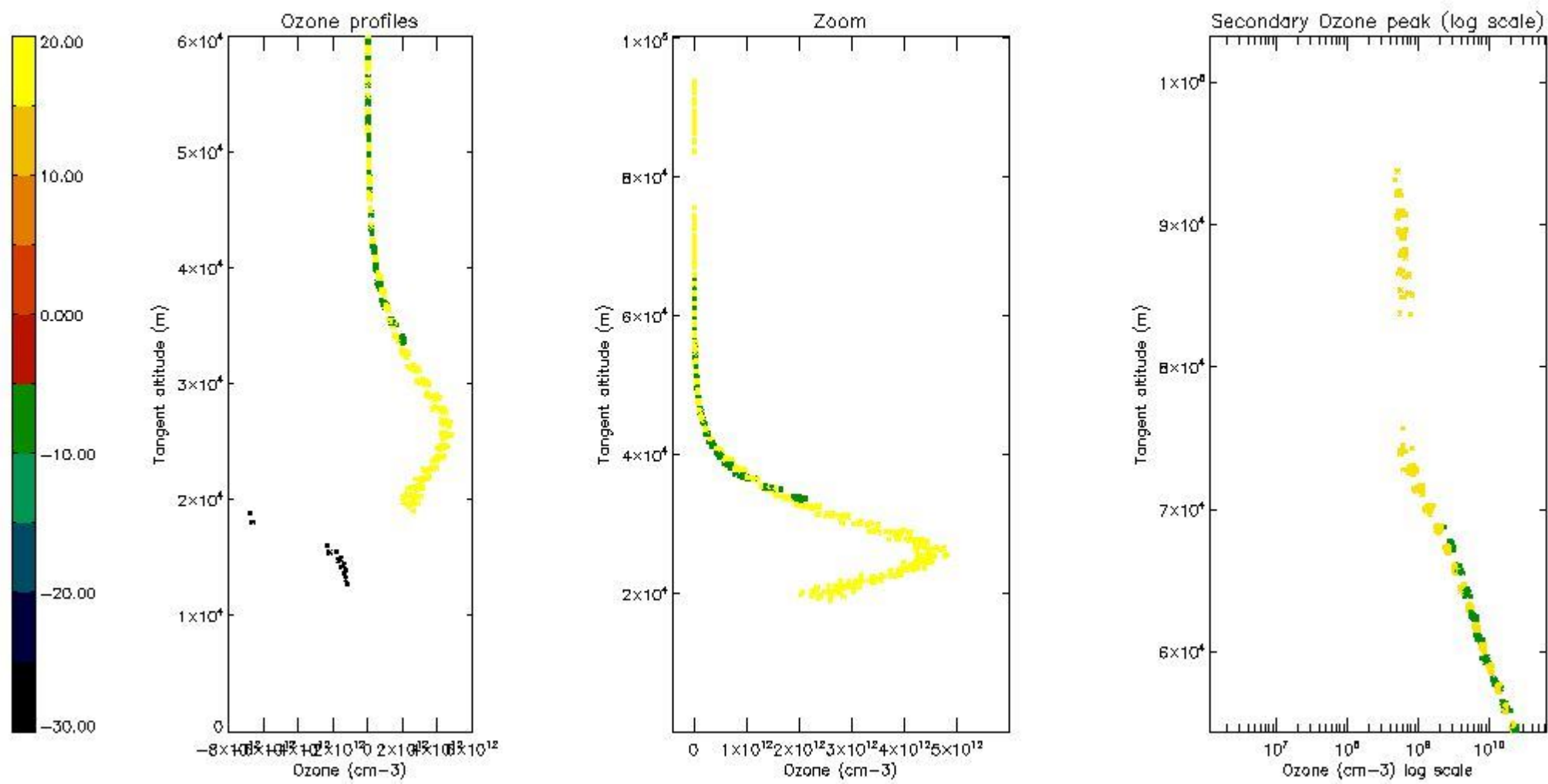
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



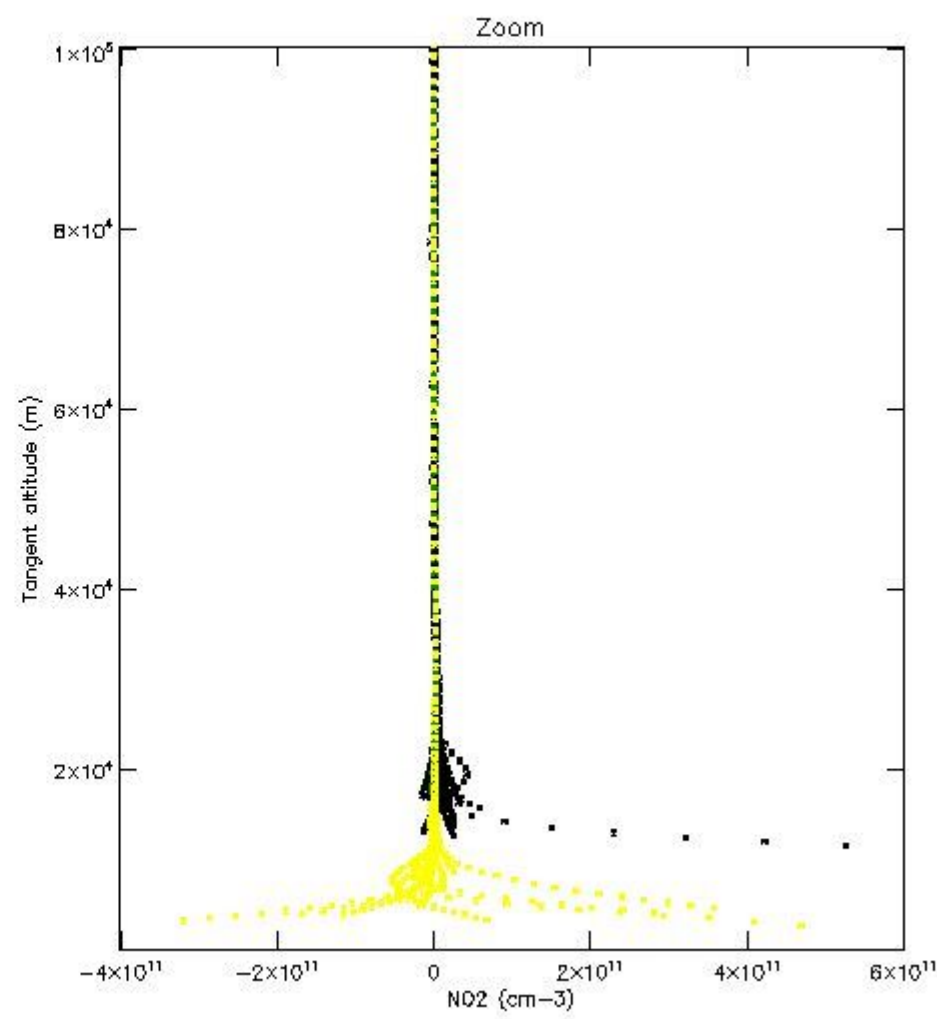
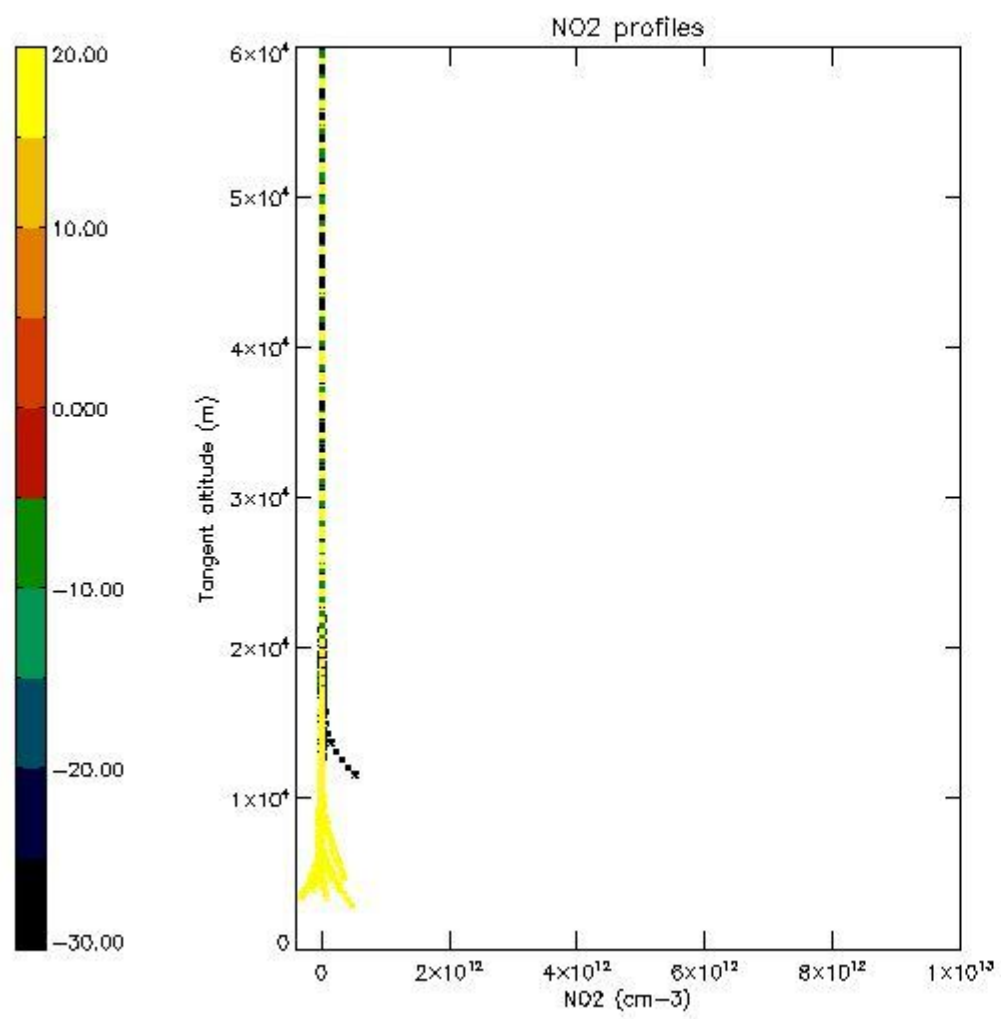
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



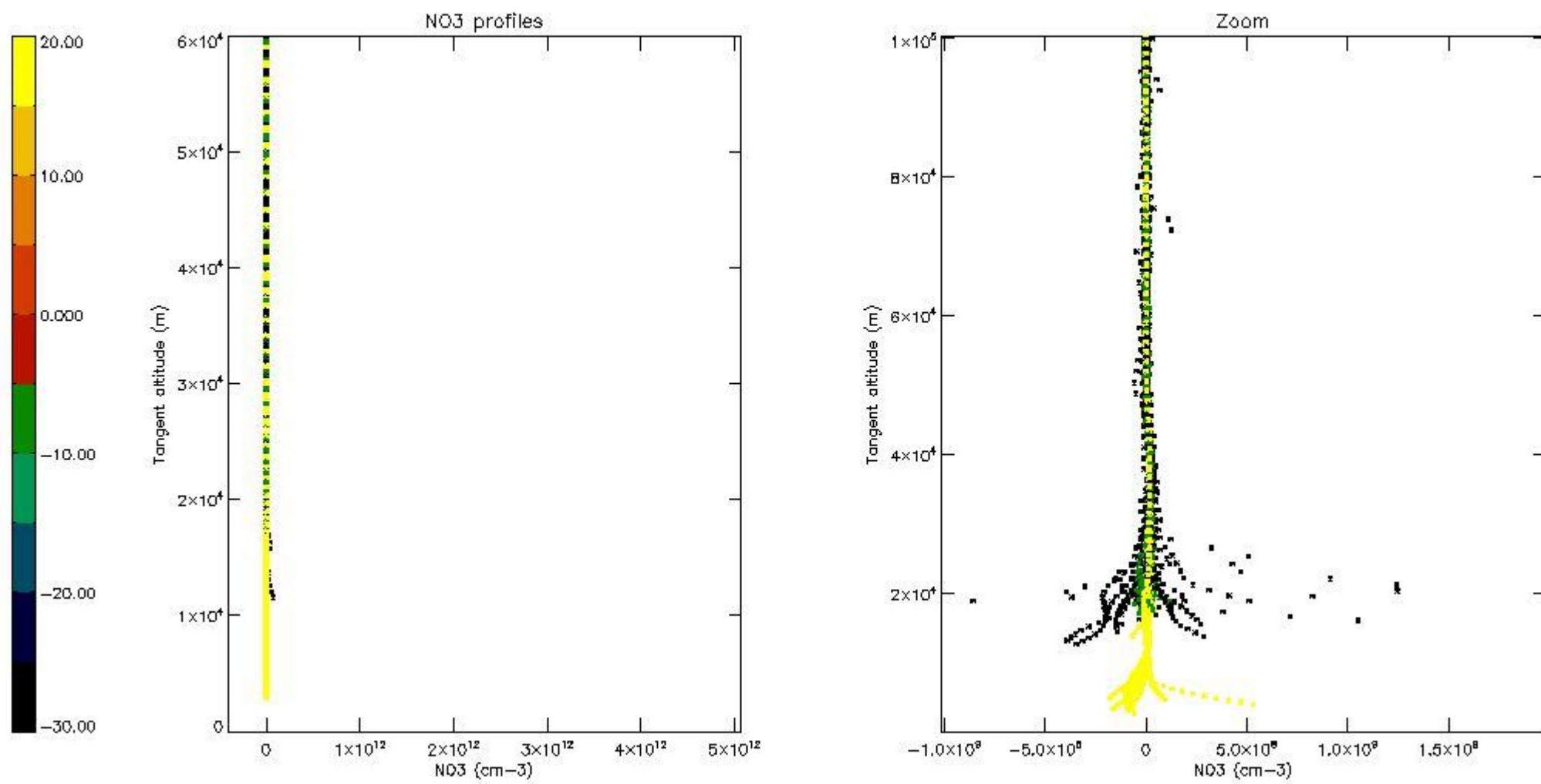
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



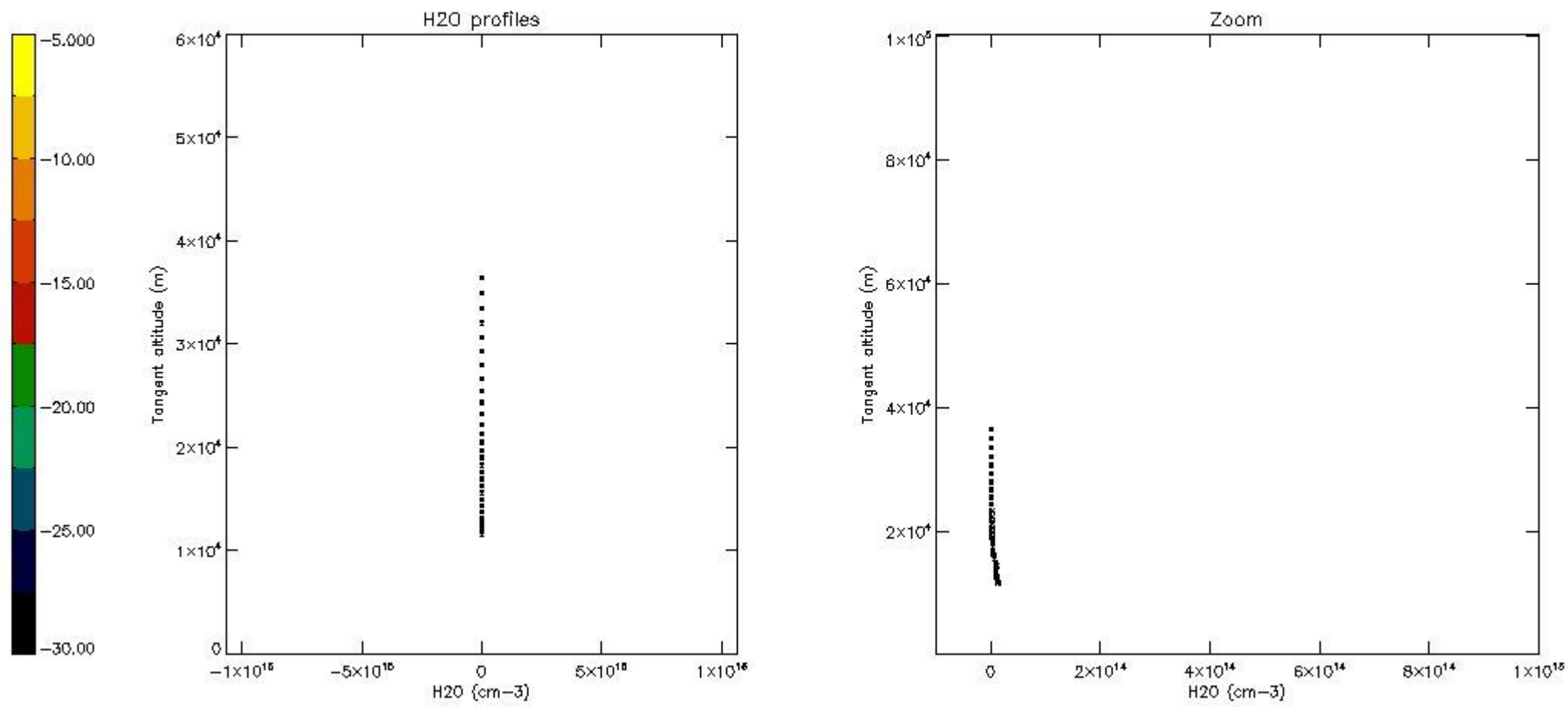
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

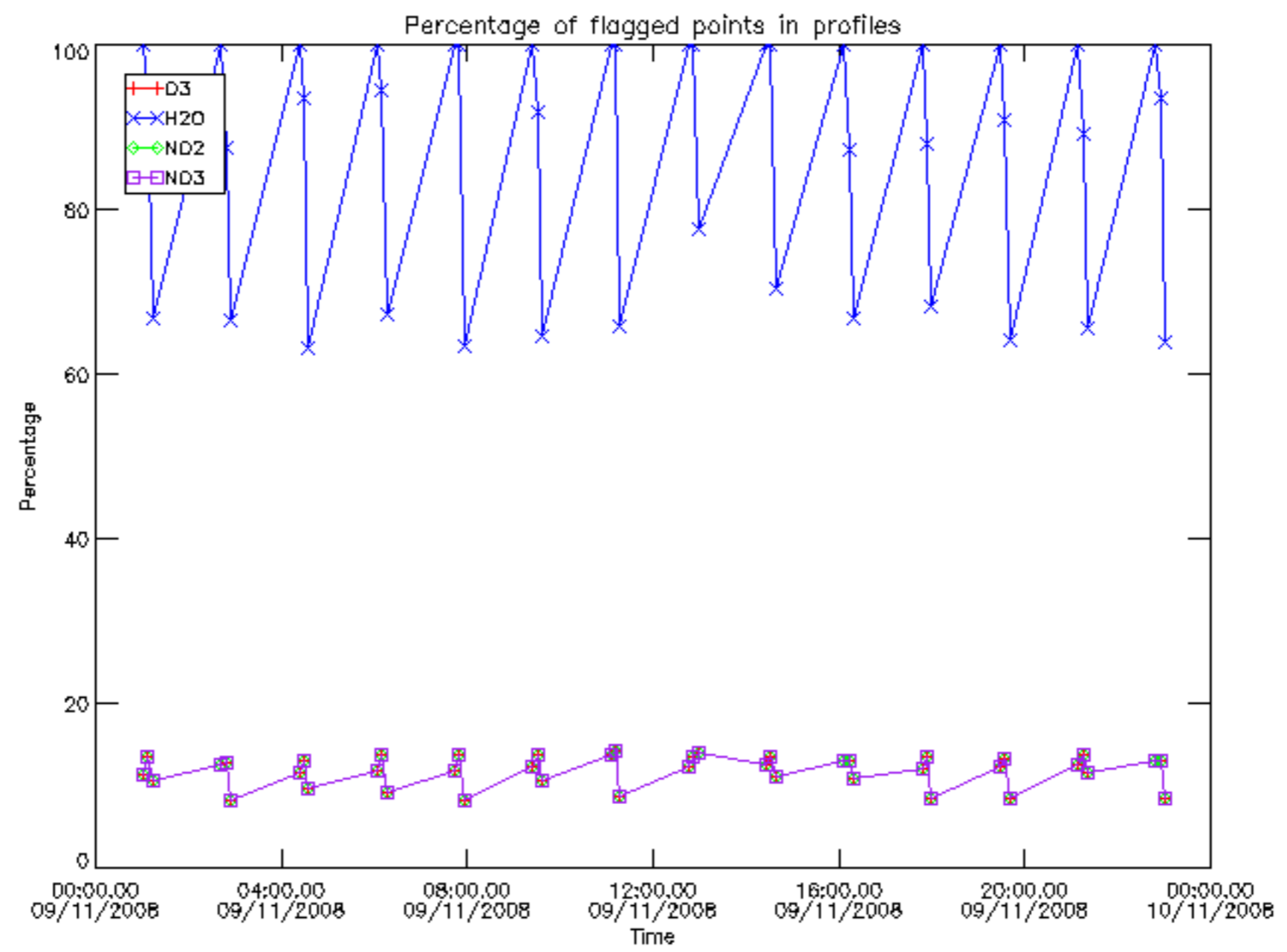
The colorbar represents the latitude.



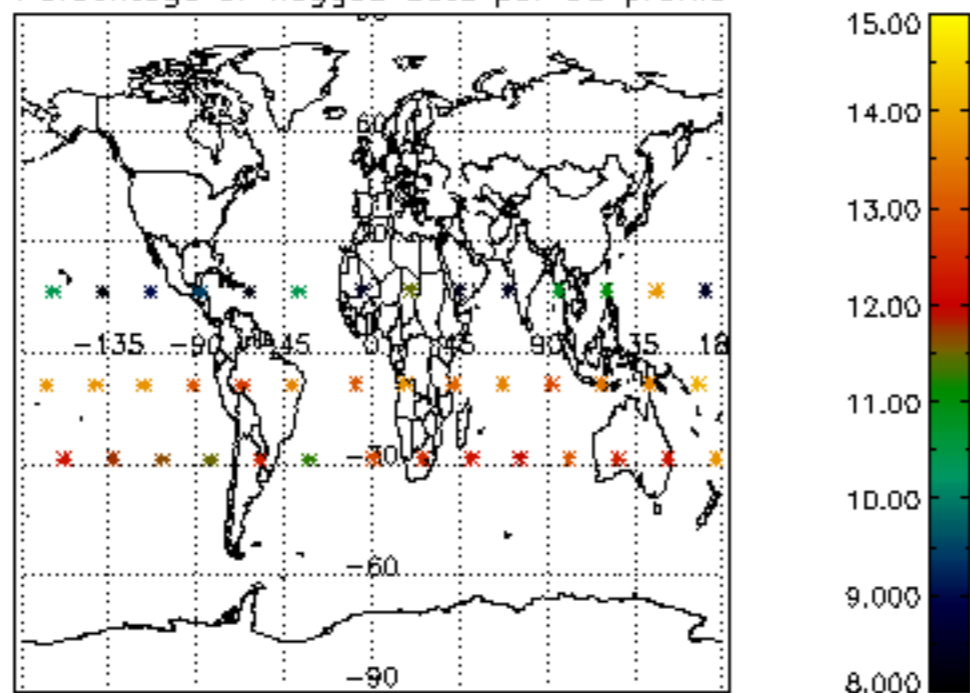
6. Auxiliary Data Files used for the production reported in section 2

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.

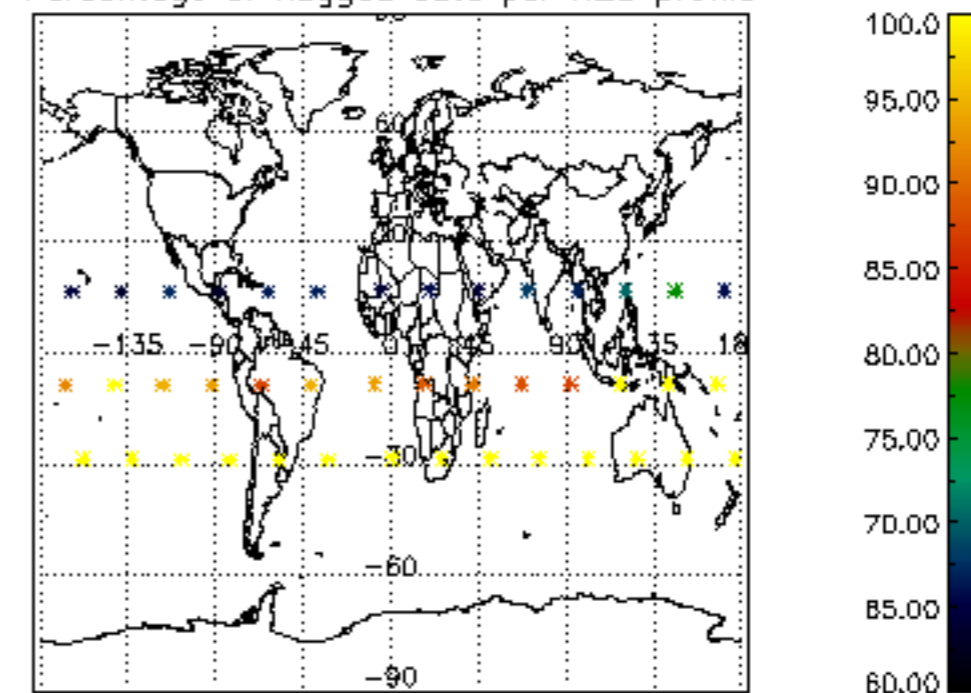
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-NOV-2008 00:00:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-NOV-2008 00:00:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-NOV-2008 00:00:31



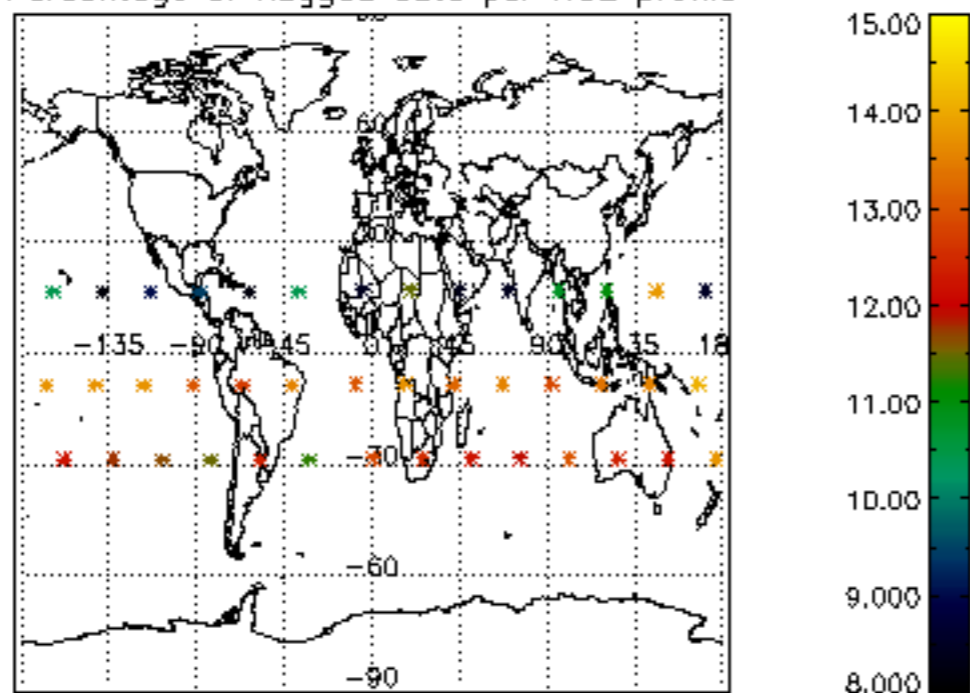
Percentage of flagged data per D3 profile



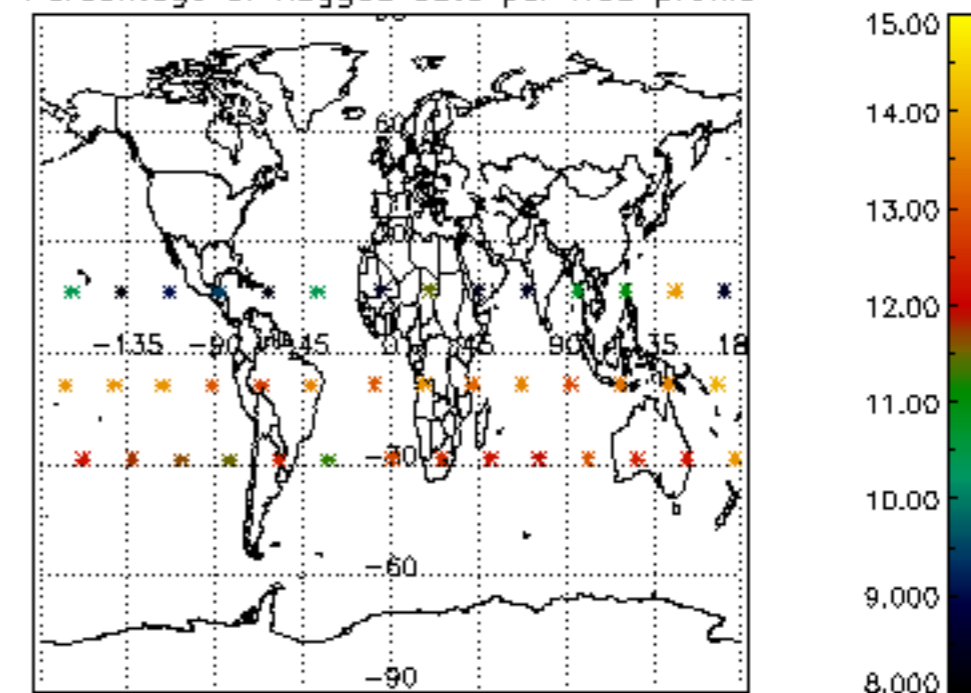
Percentage of flagged data per H2O profile

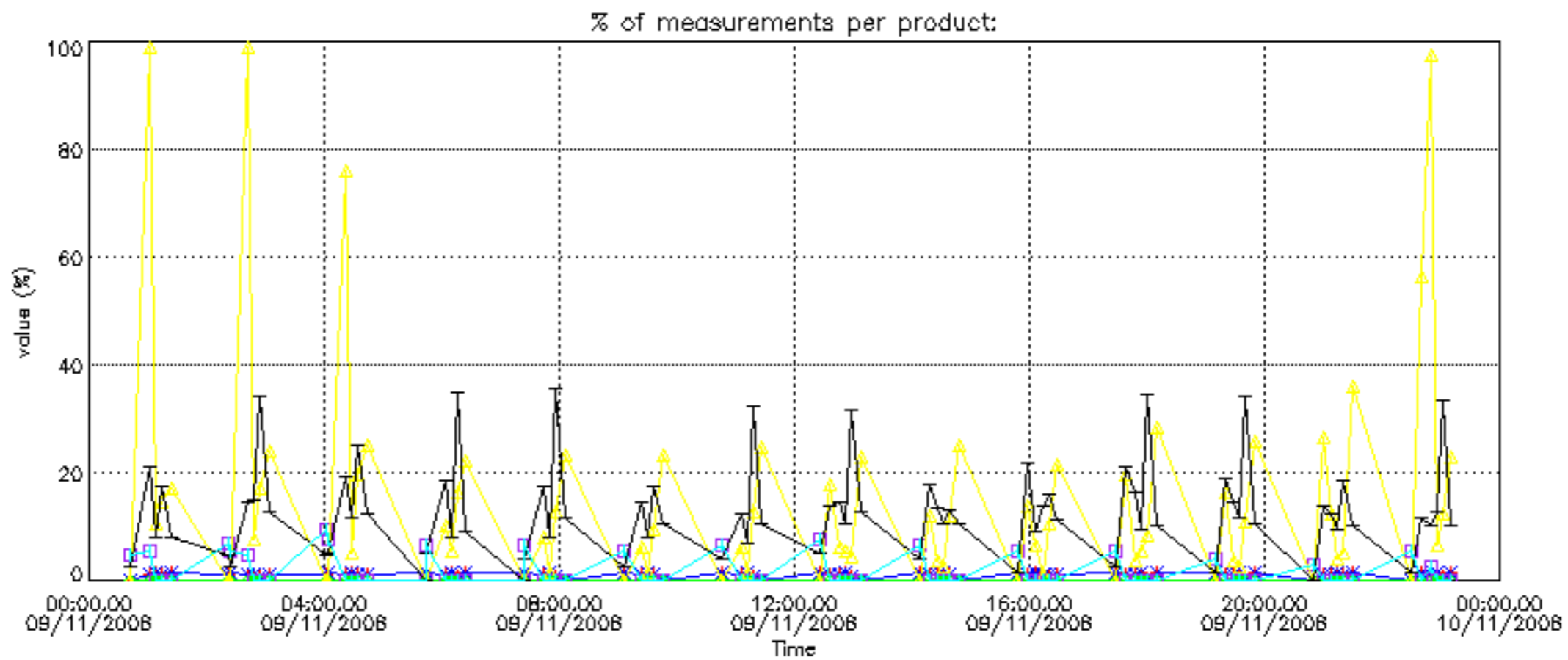


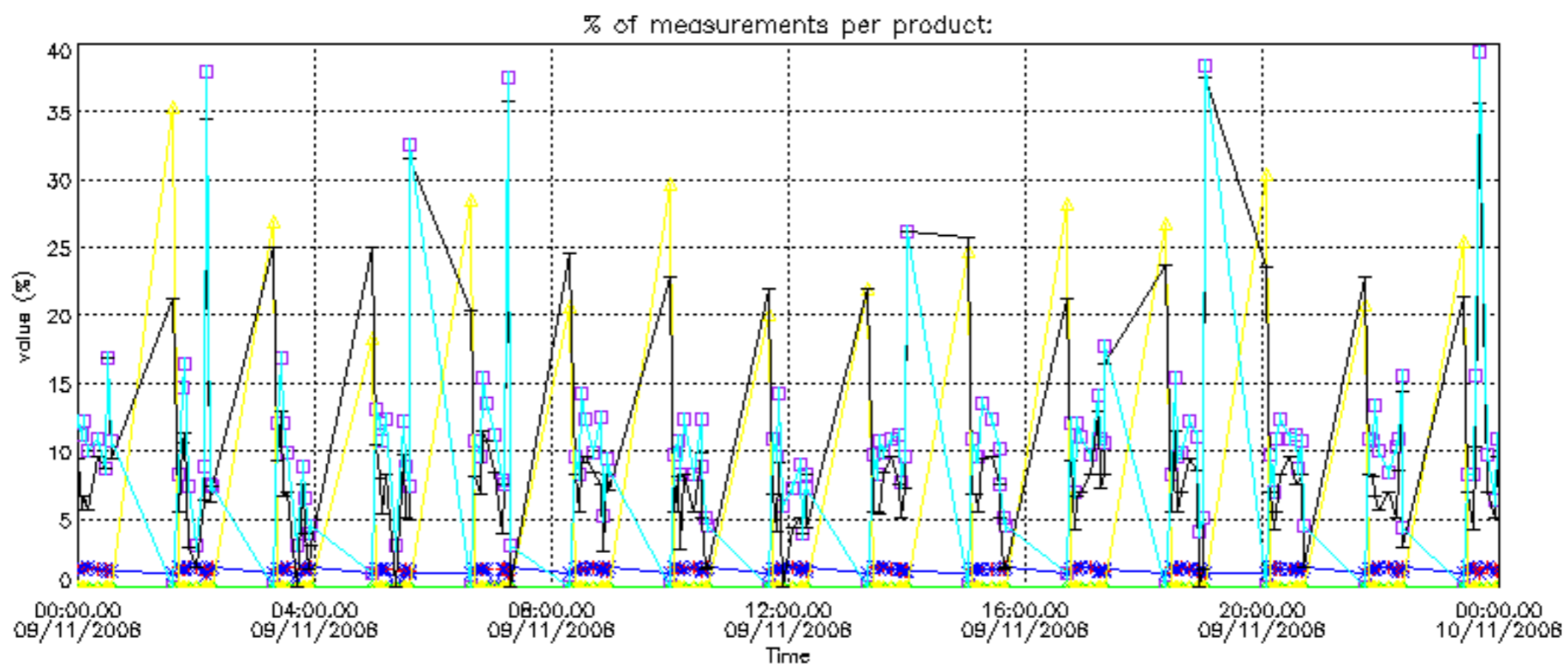
Percentage of flagged data per NO2 profile



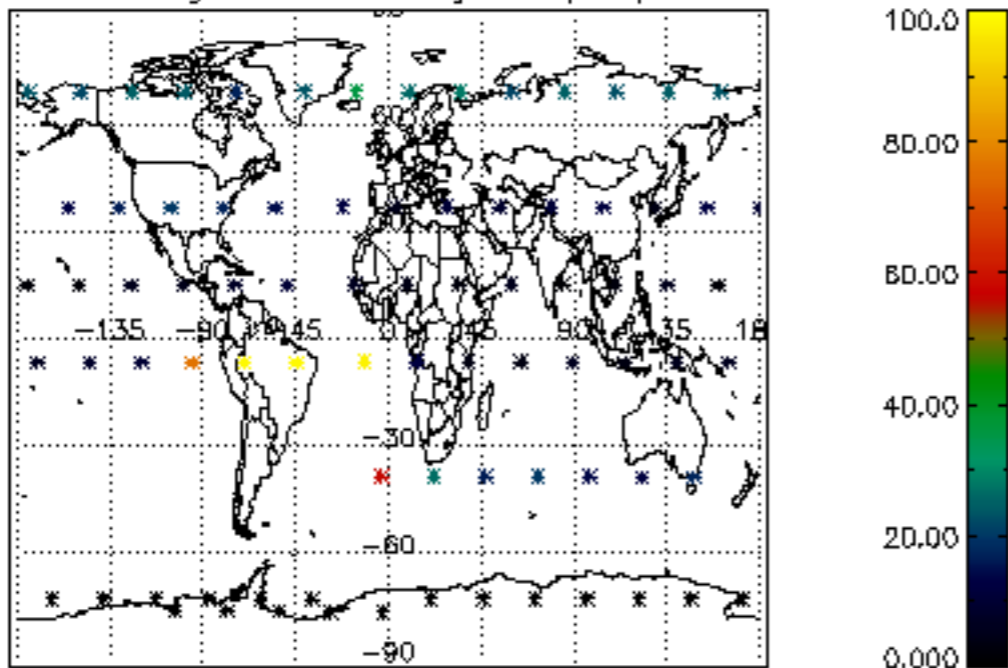
Percentage of flagged data per NO3 profile



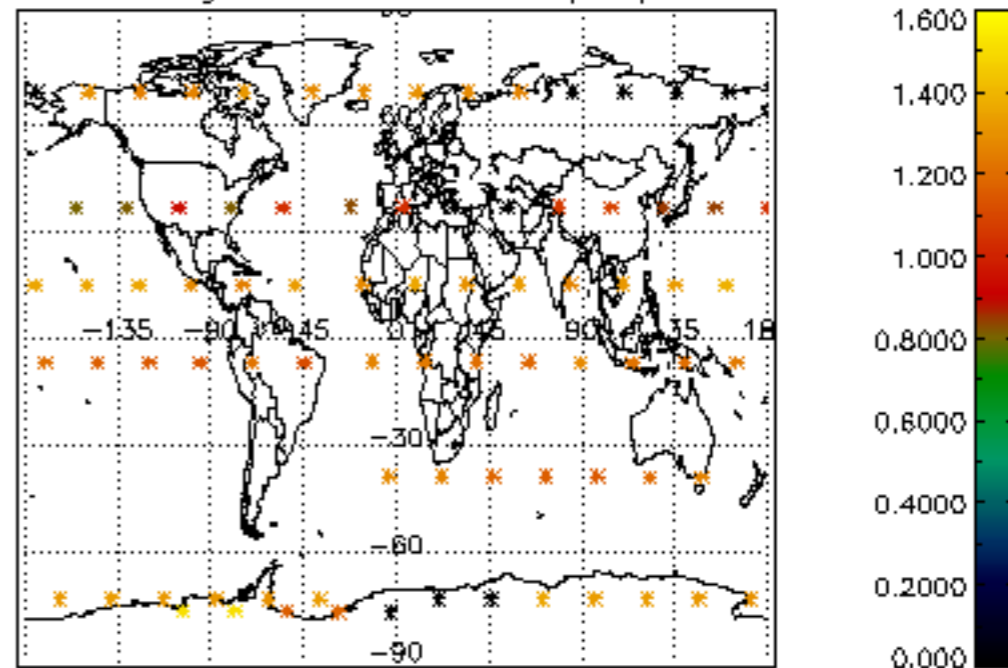




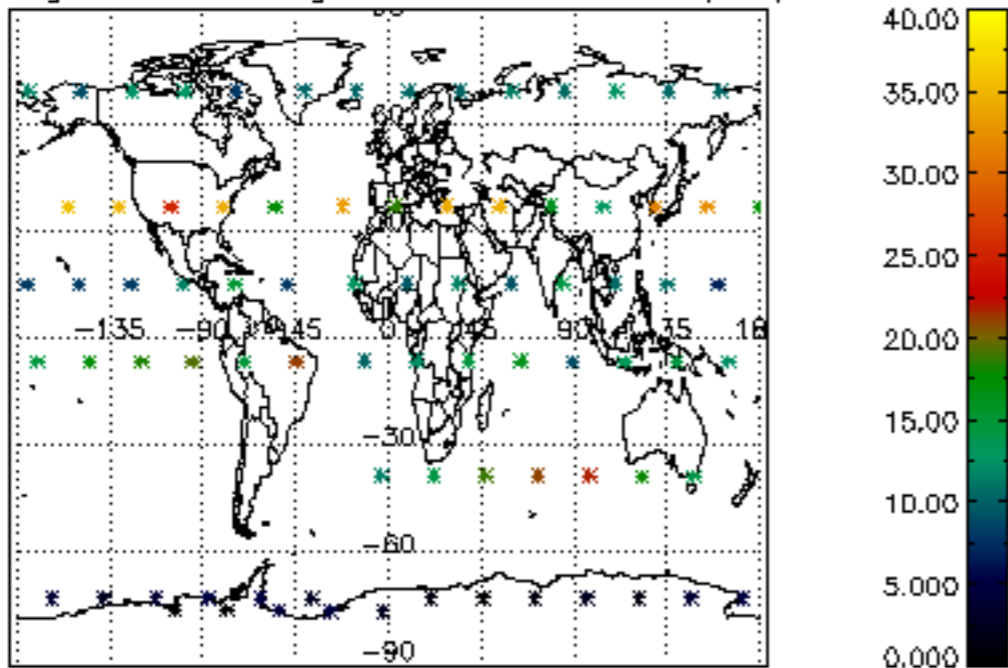
Percentage of cosmic ray hits per profile



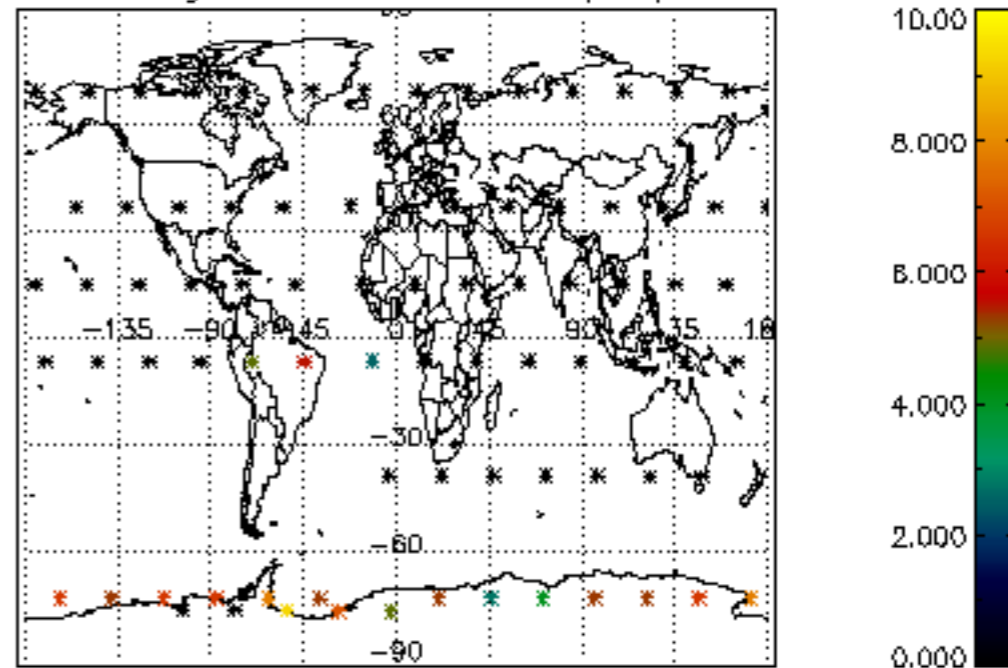
Percentage of datation errors per profile



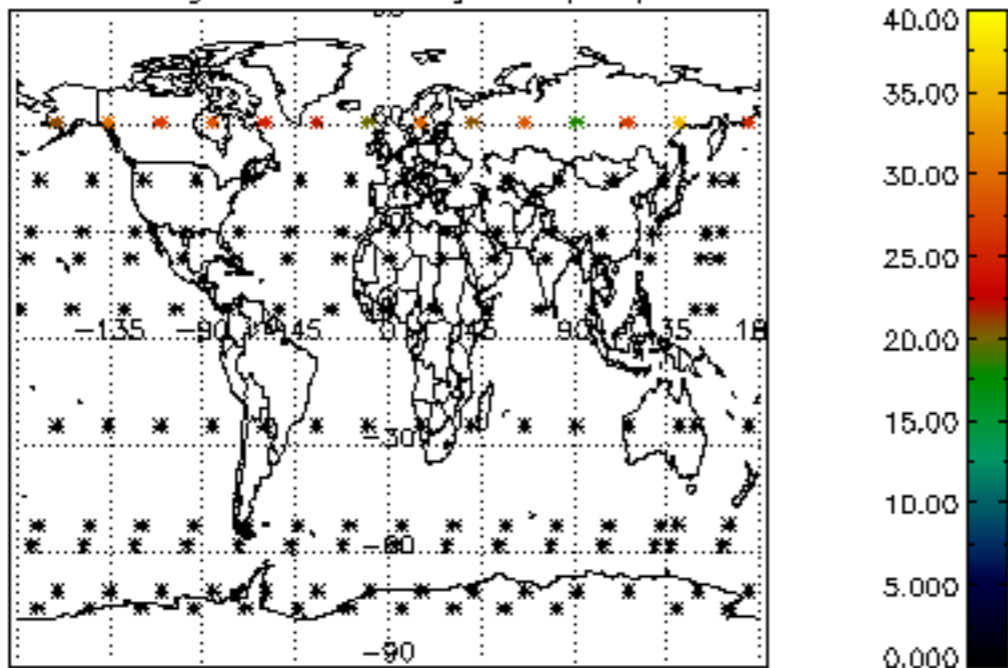
Percentage of star falling outside central band per profile



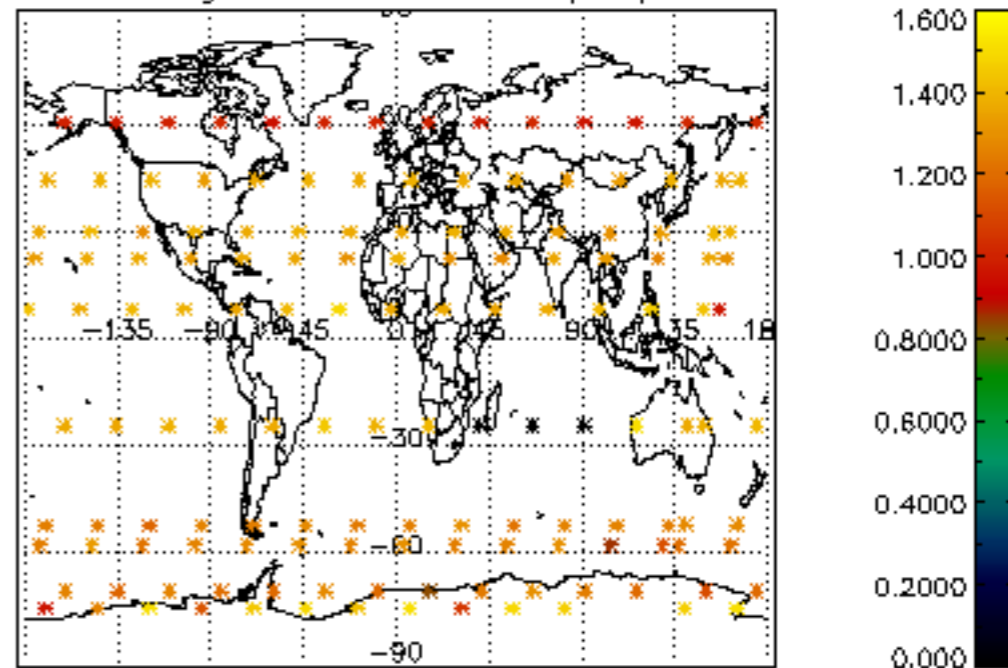
Percentage of saturation errors per profile



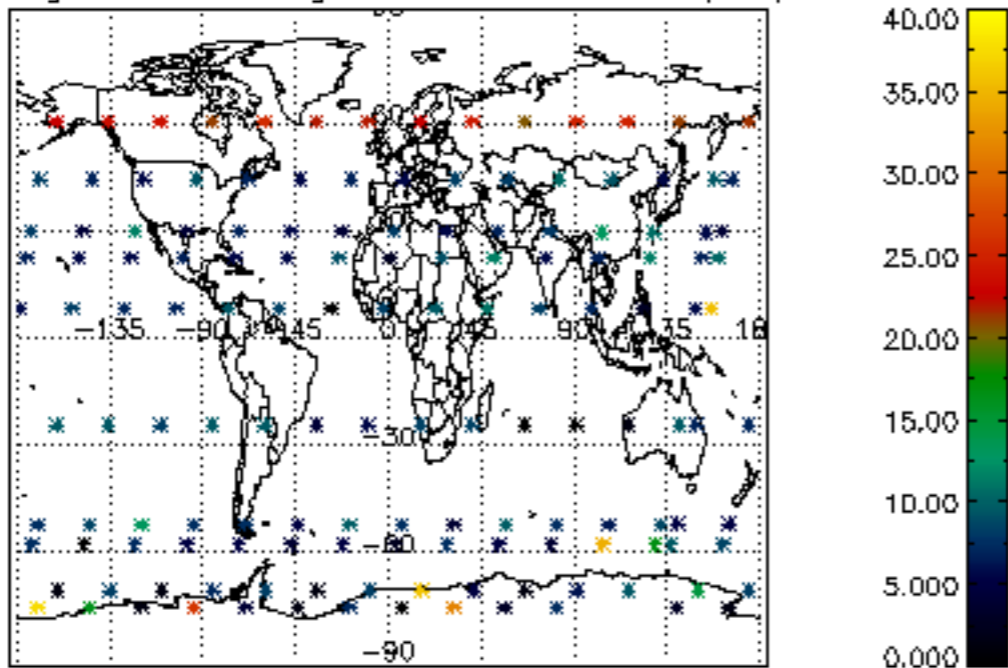
Percentage of cosmic ray hits per profile



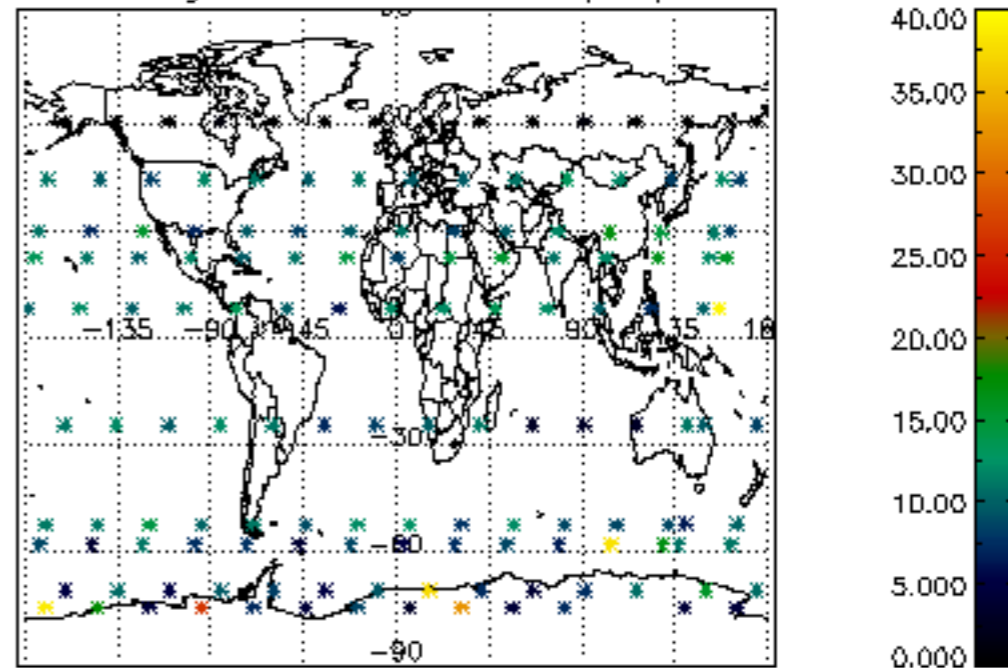
Percentage of datation errors per profile

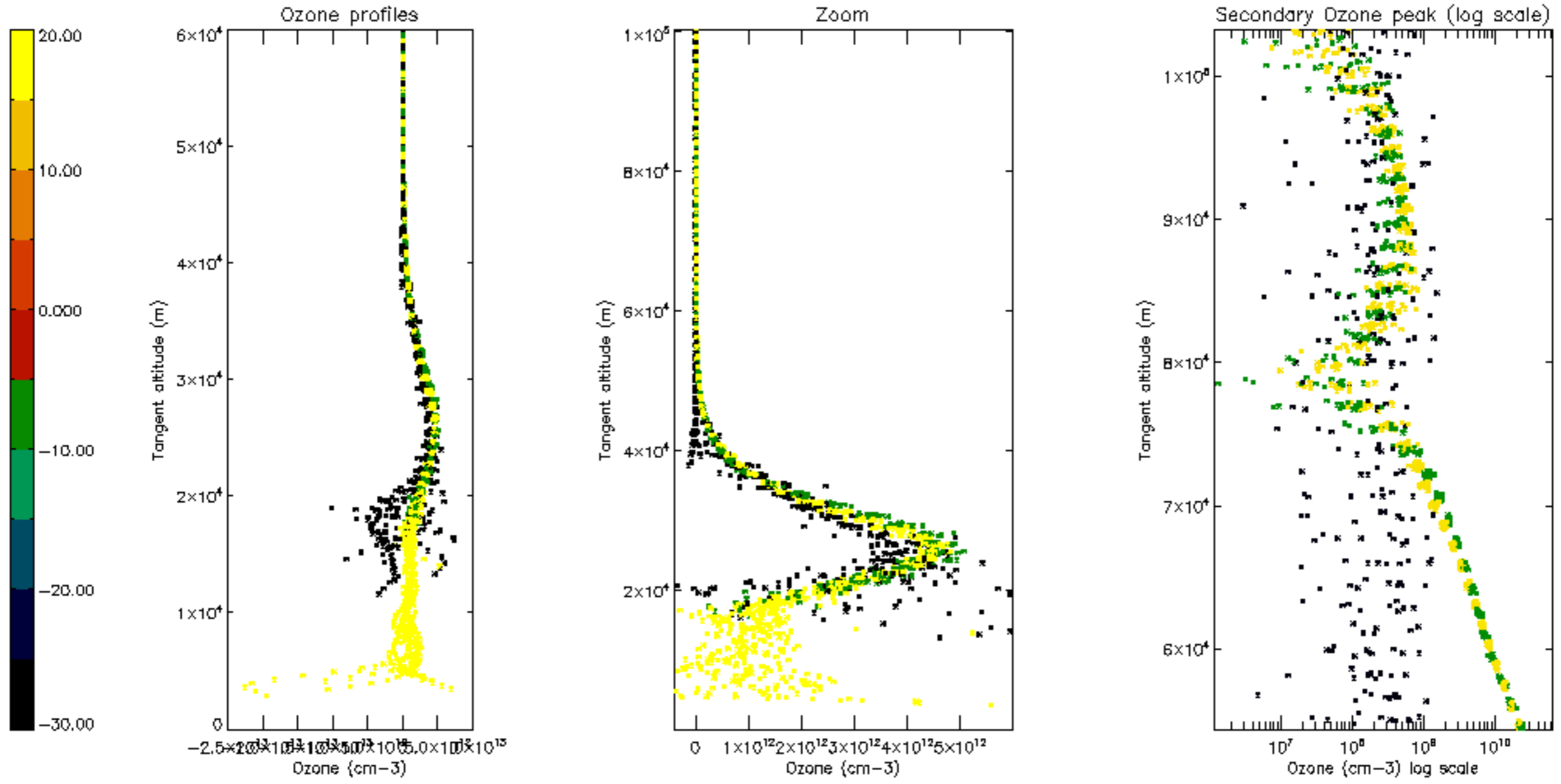


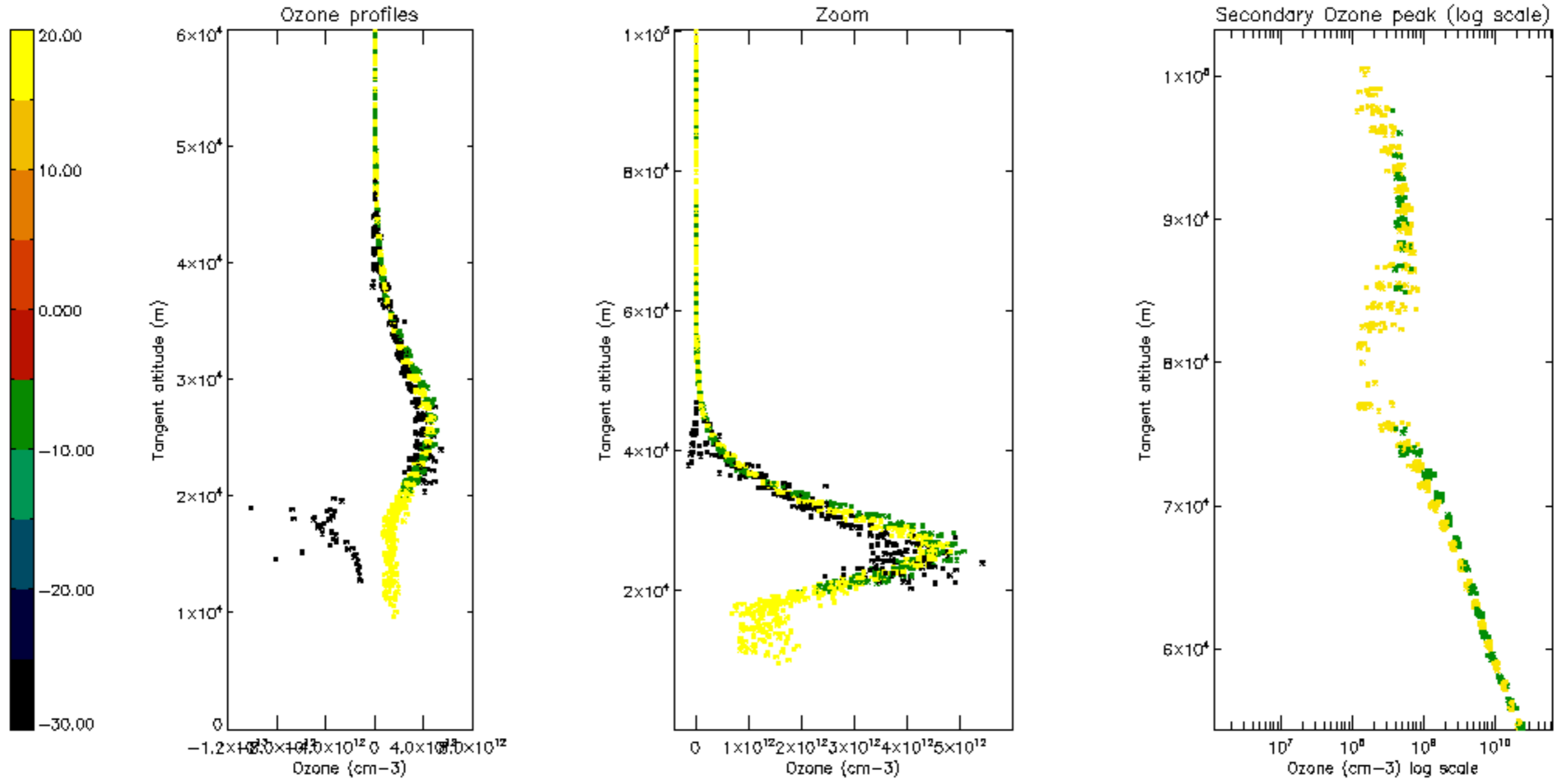
Percentage of star falling outside central band per profile

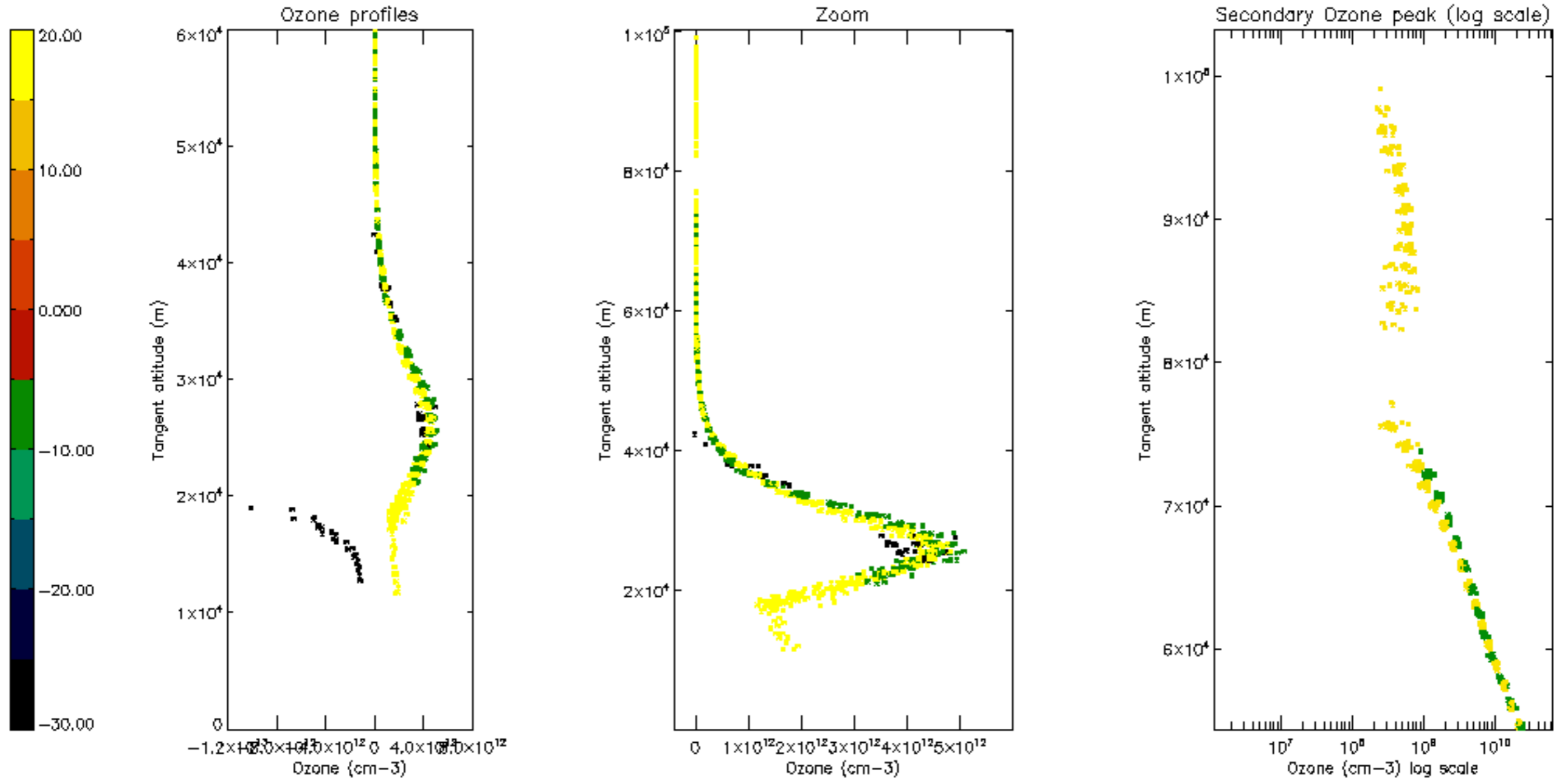


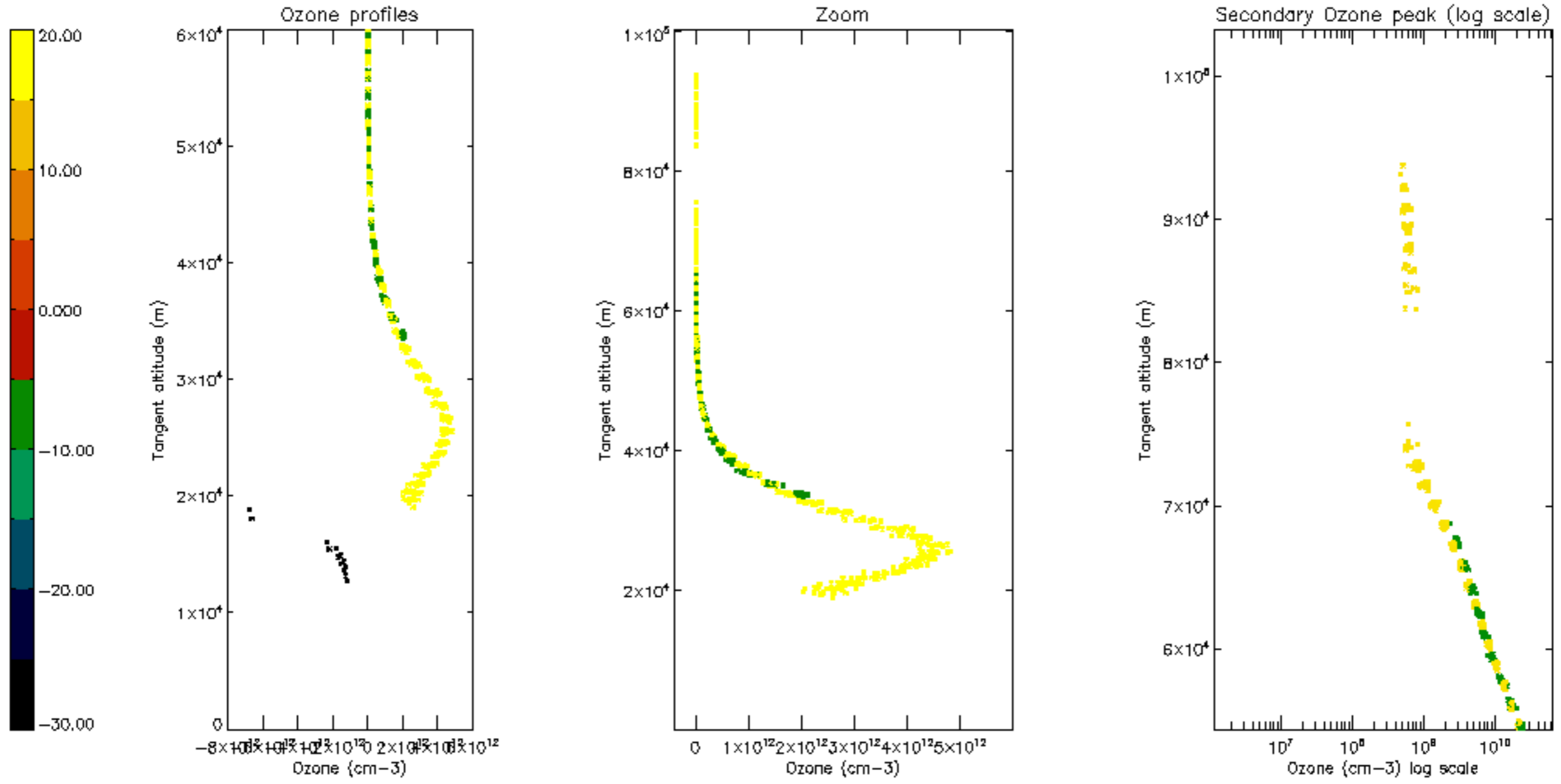
Percentage of saturation errors per profile

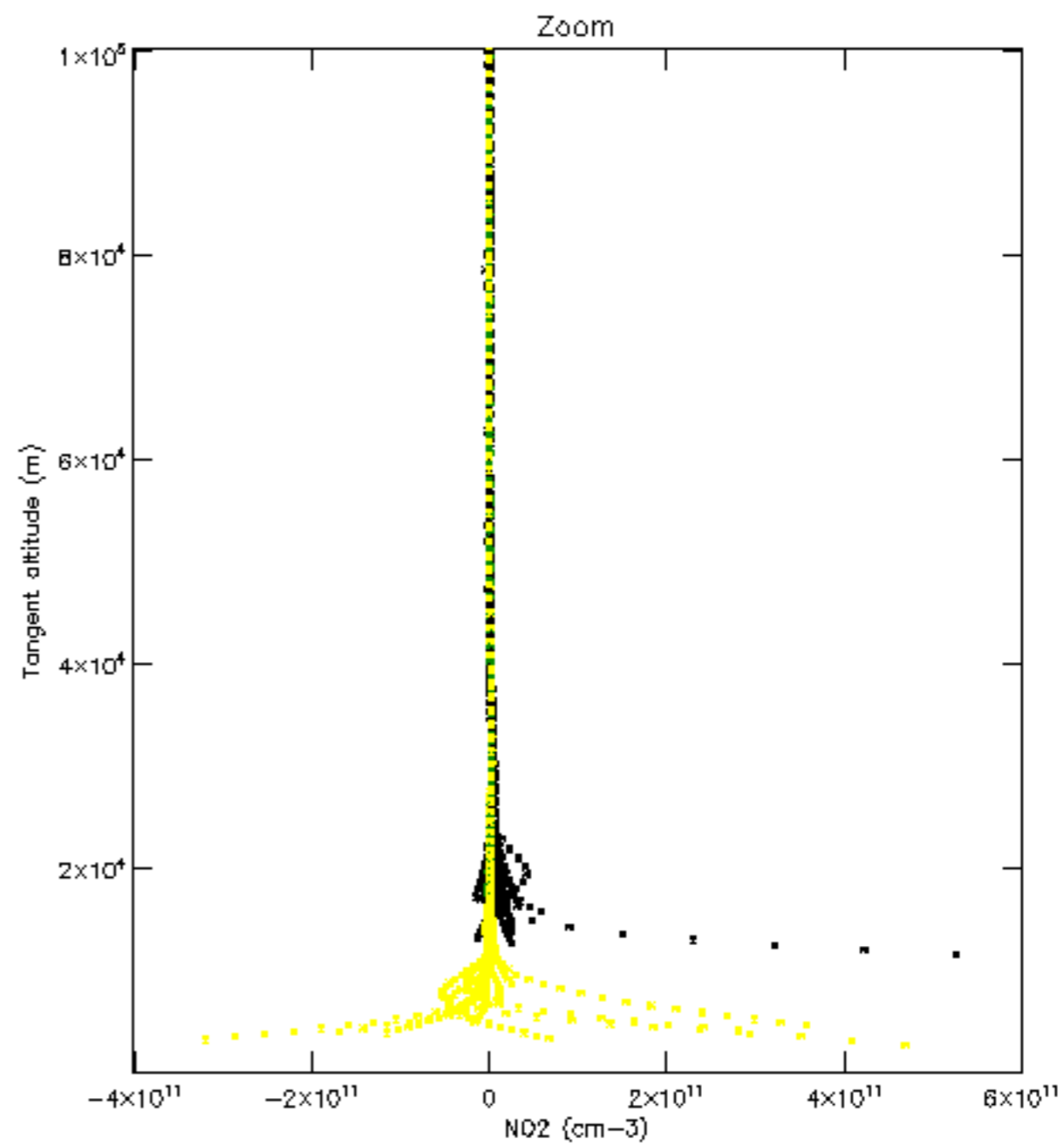
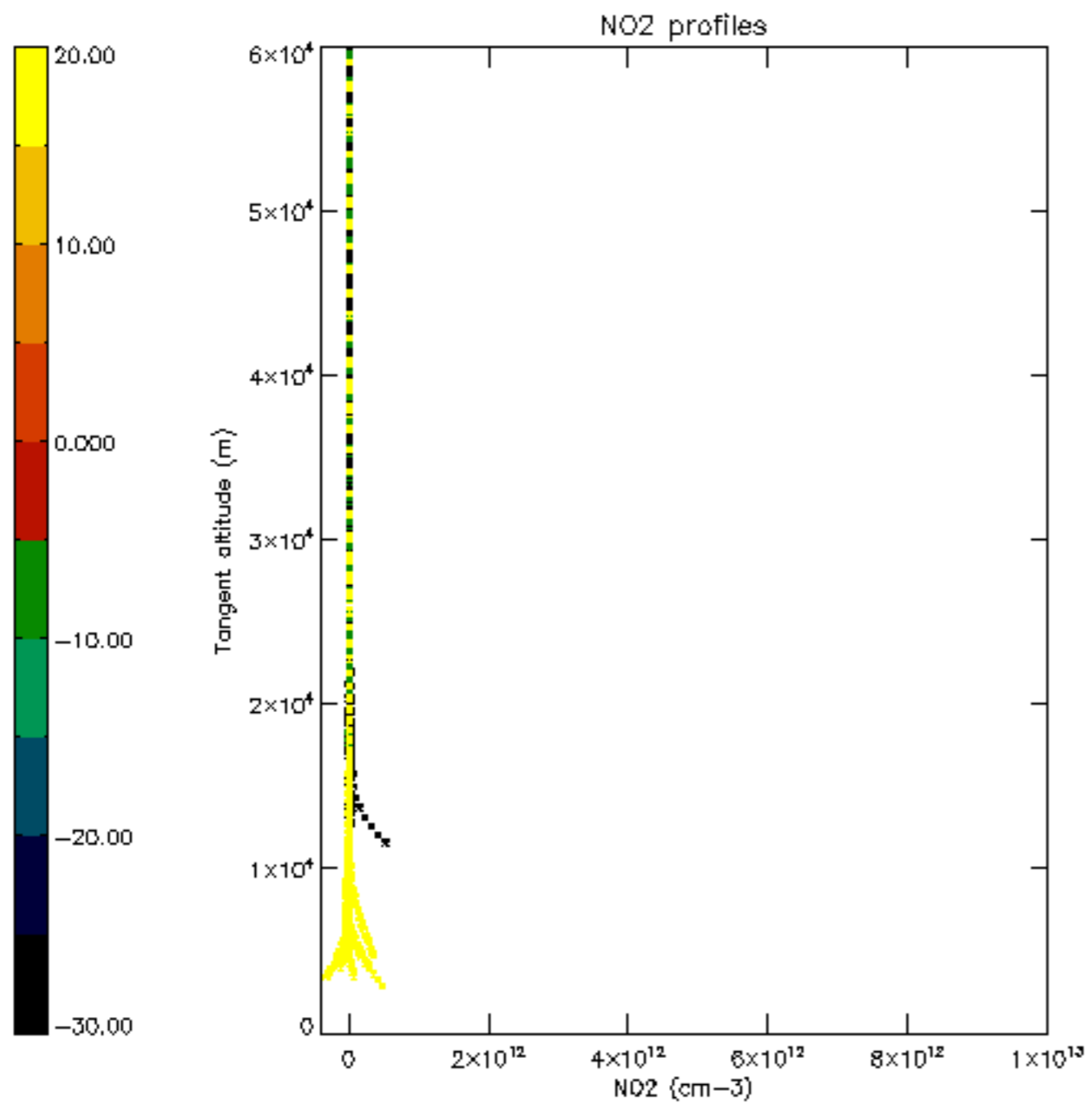


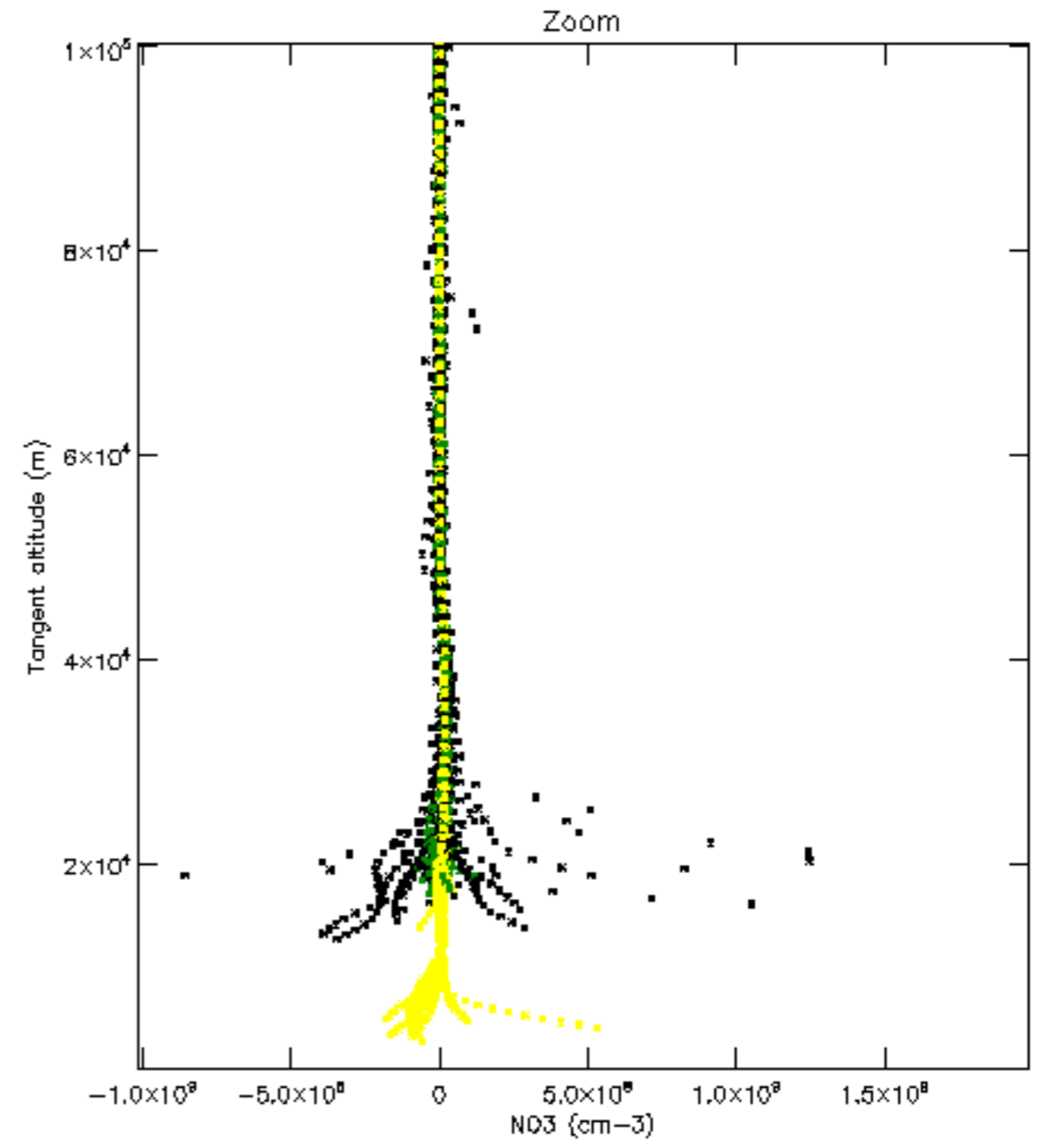
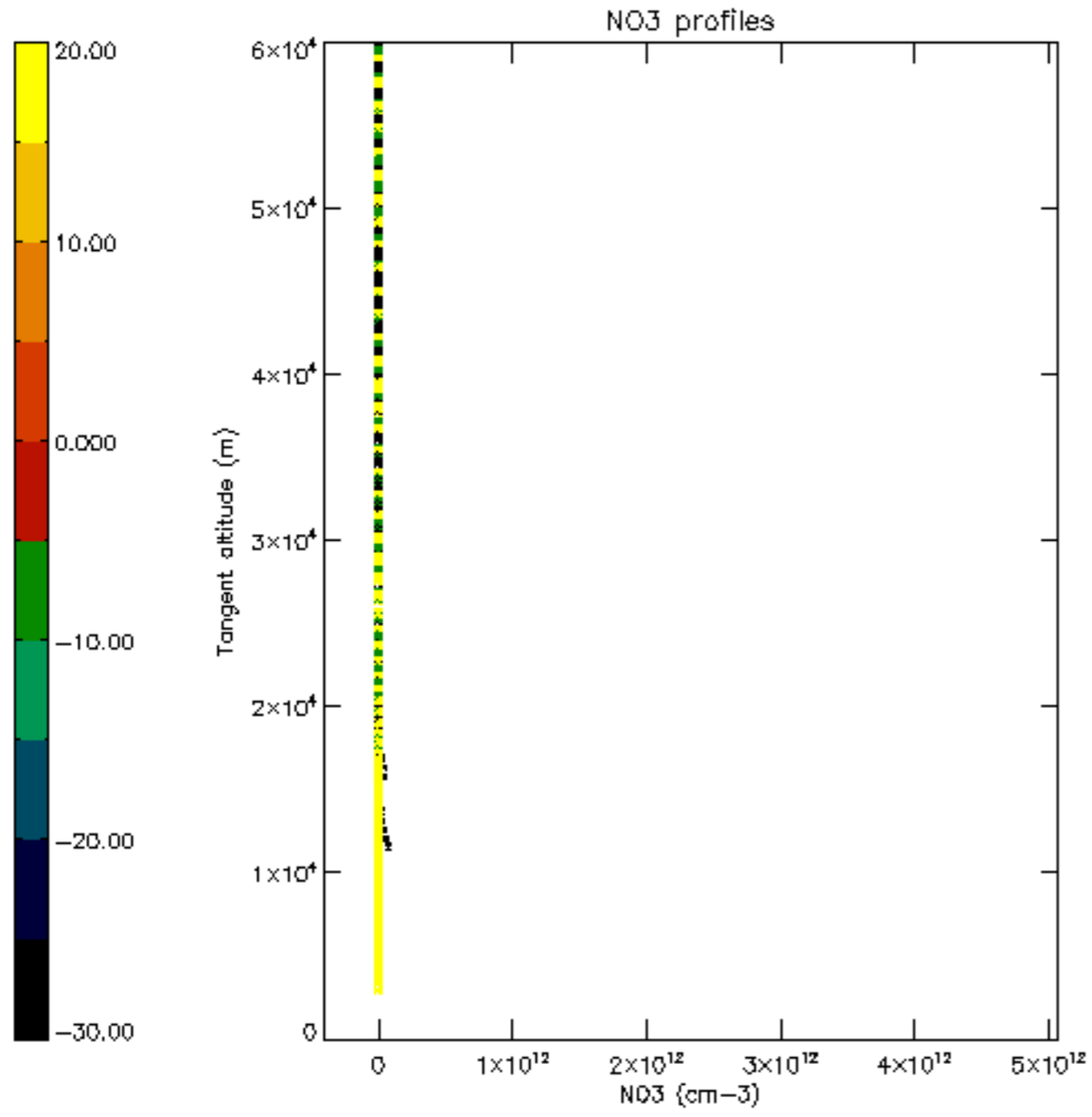


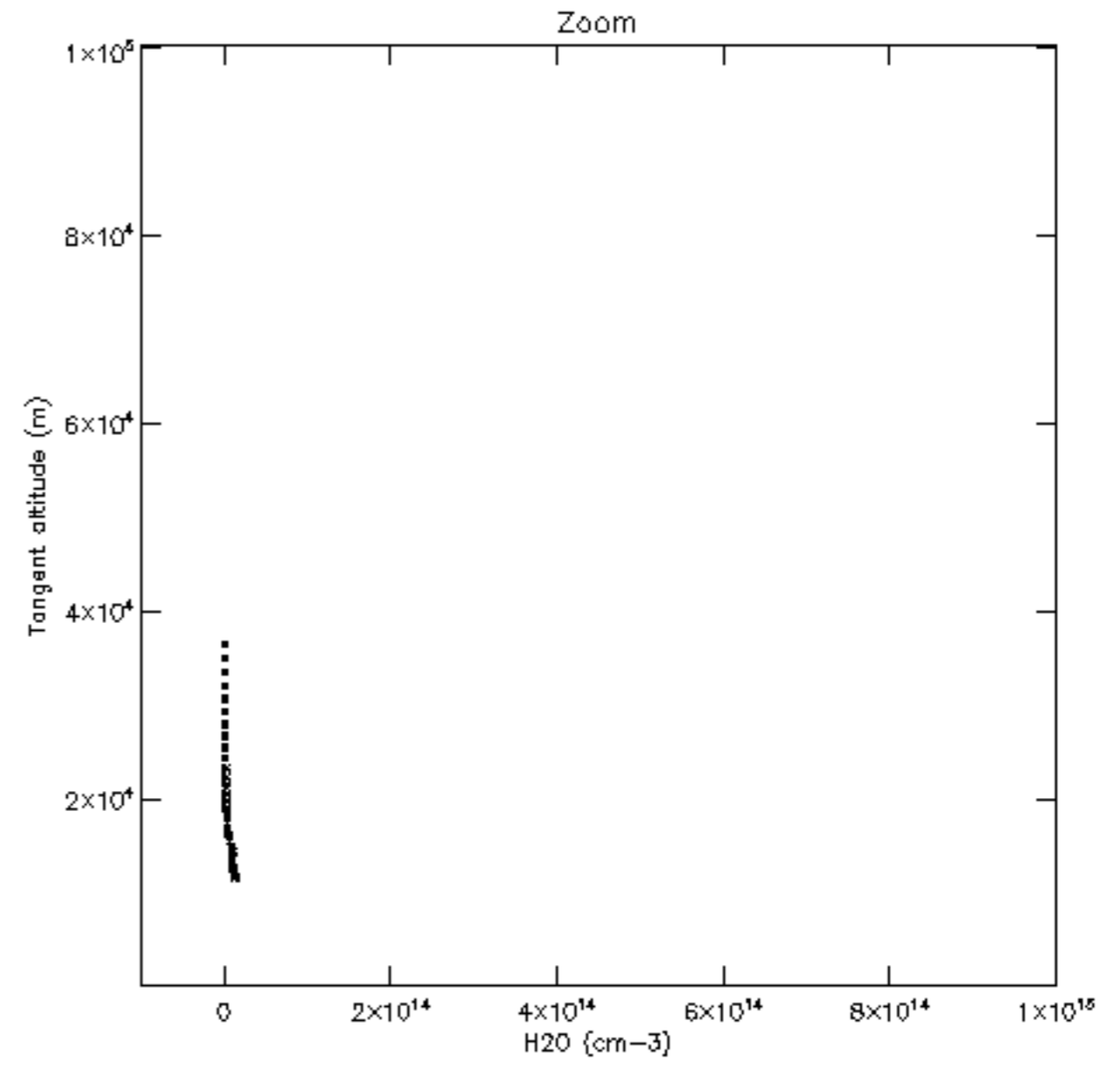
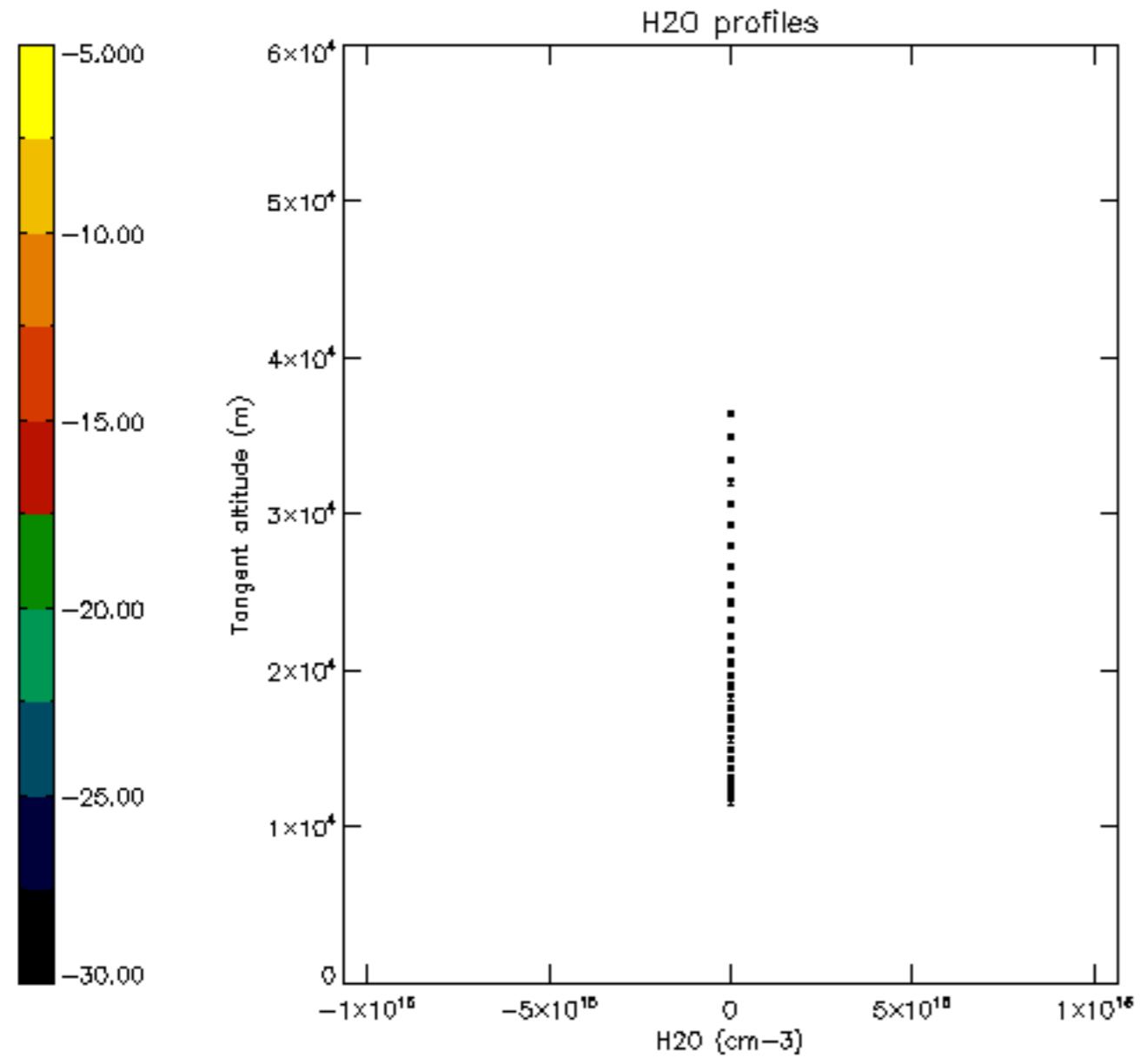


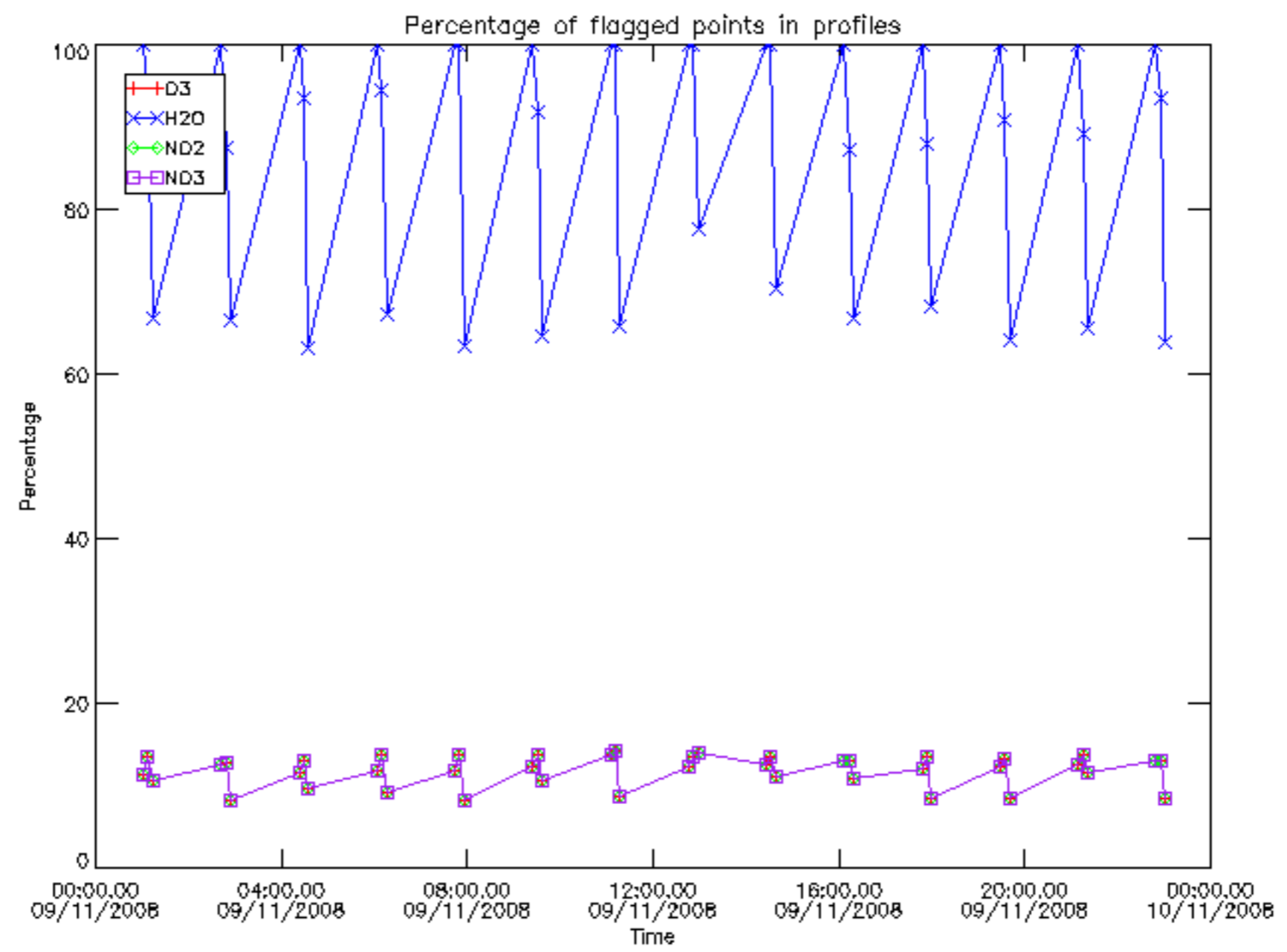




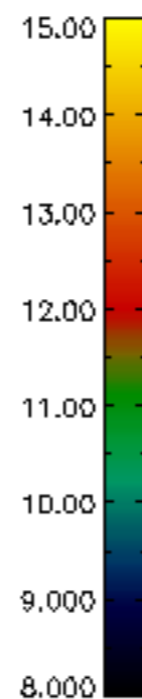
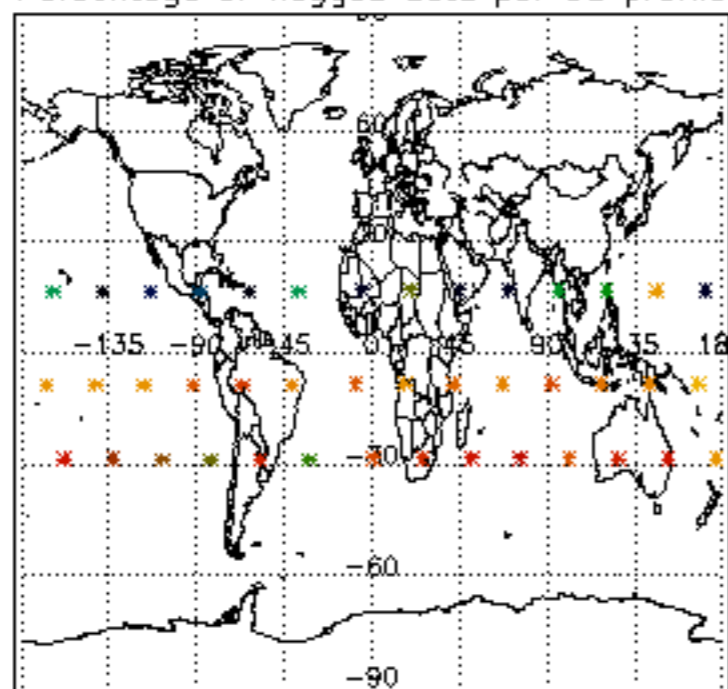




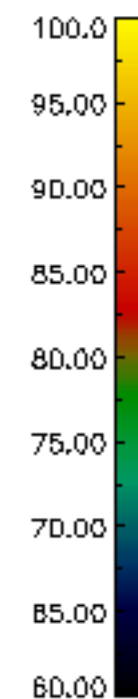
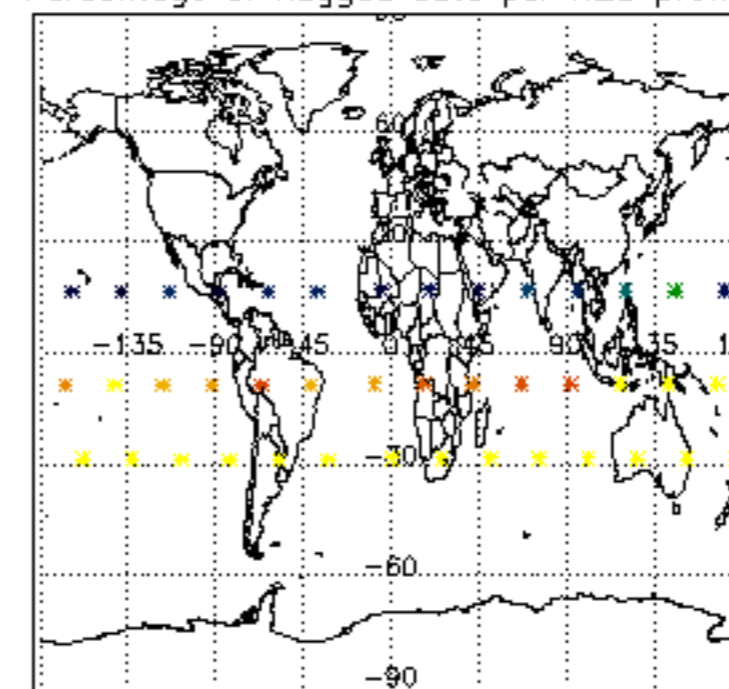




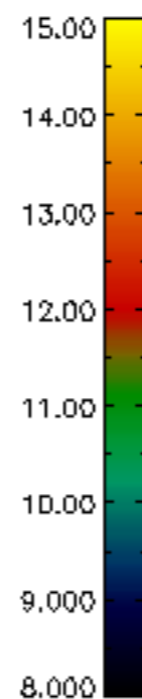
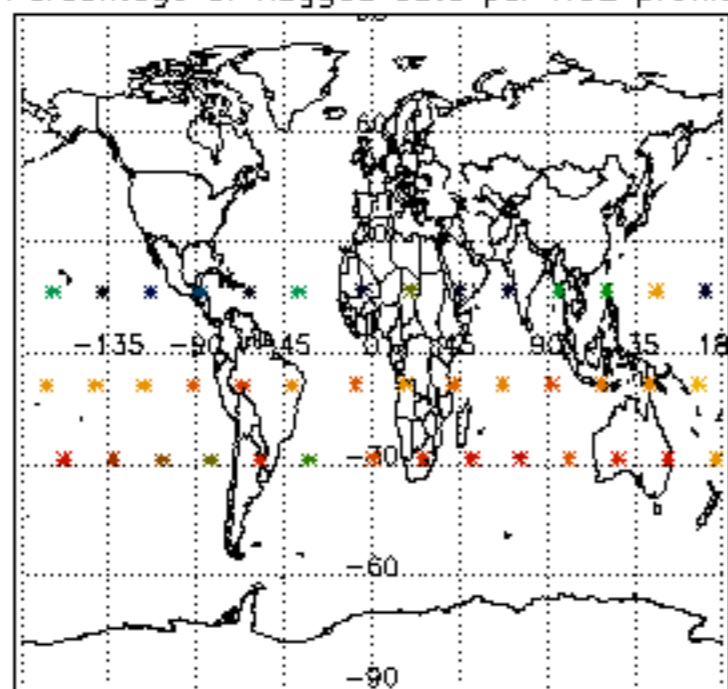
Percentage of flagged data per D3 profile



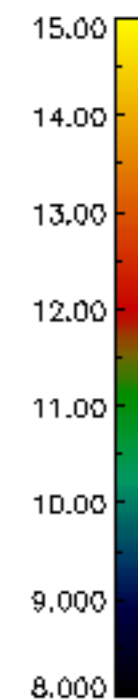
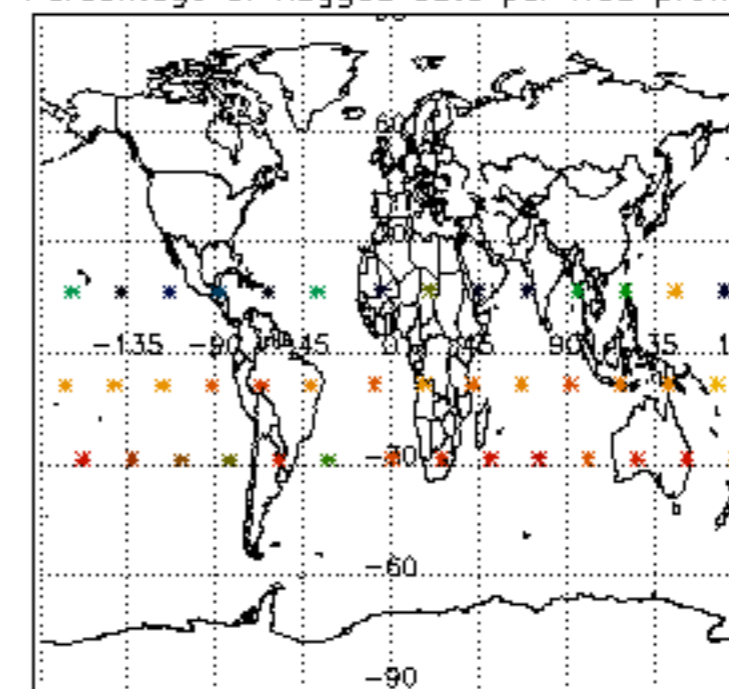
Percentage of flagged data per H2O profile

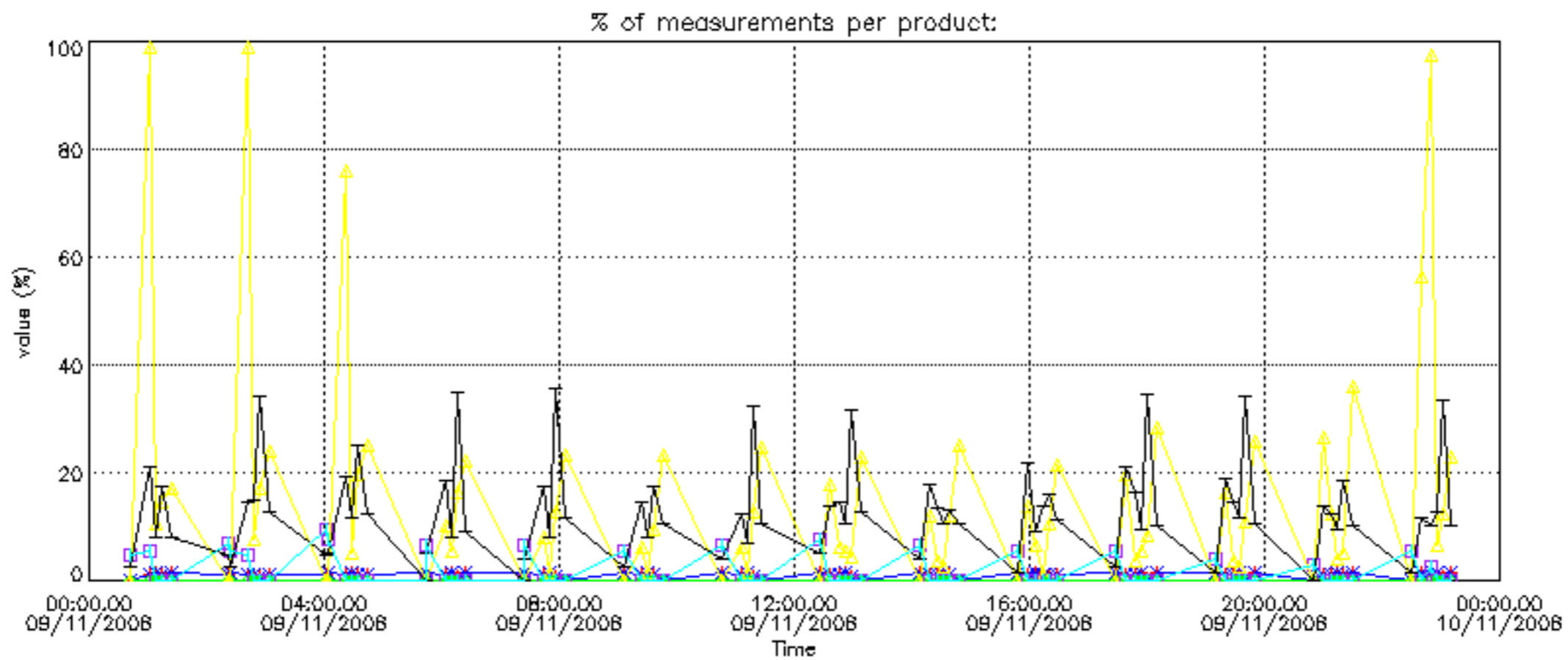


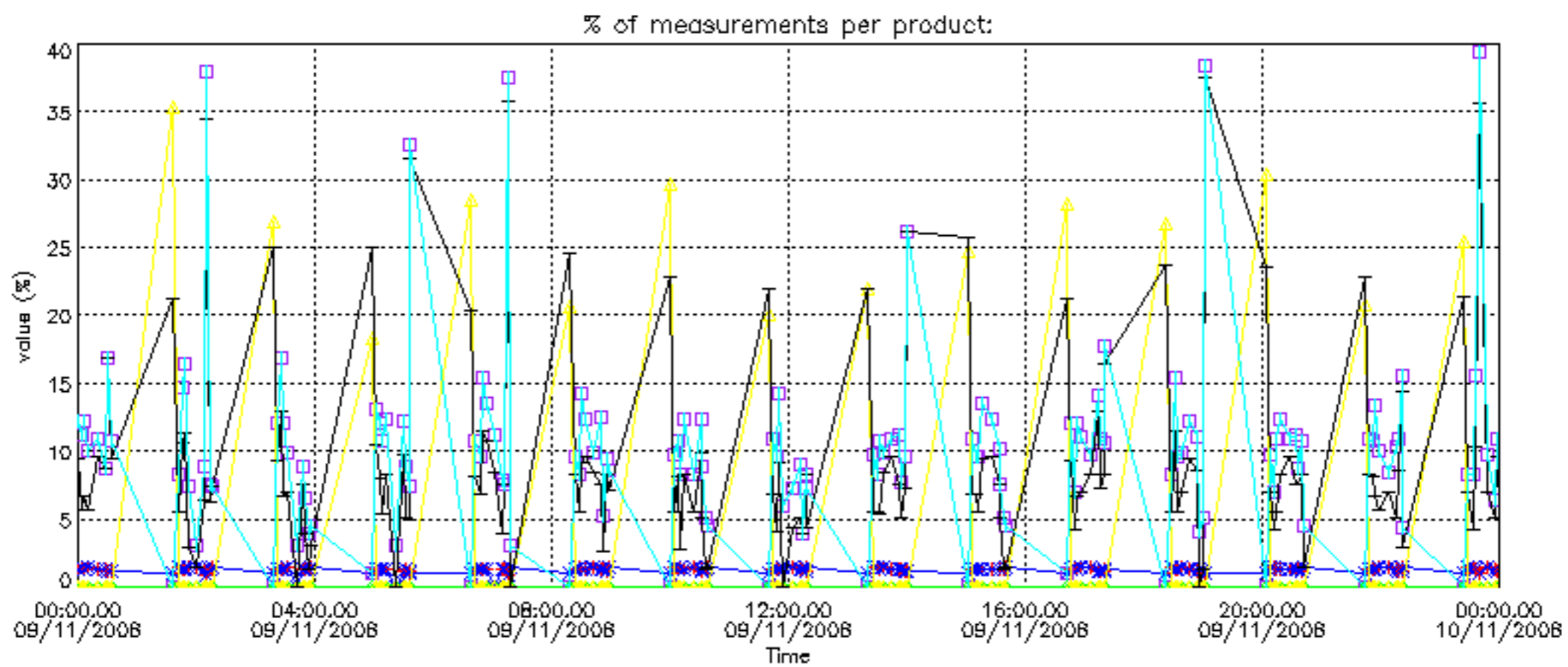
Percentage of flagged data per NO2 profile



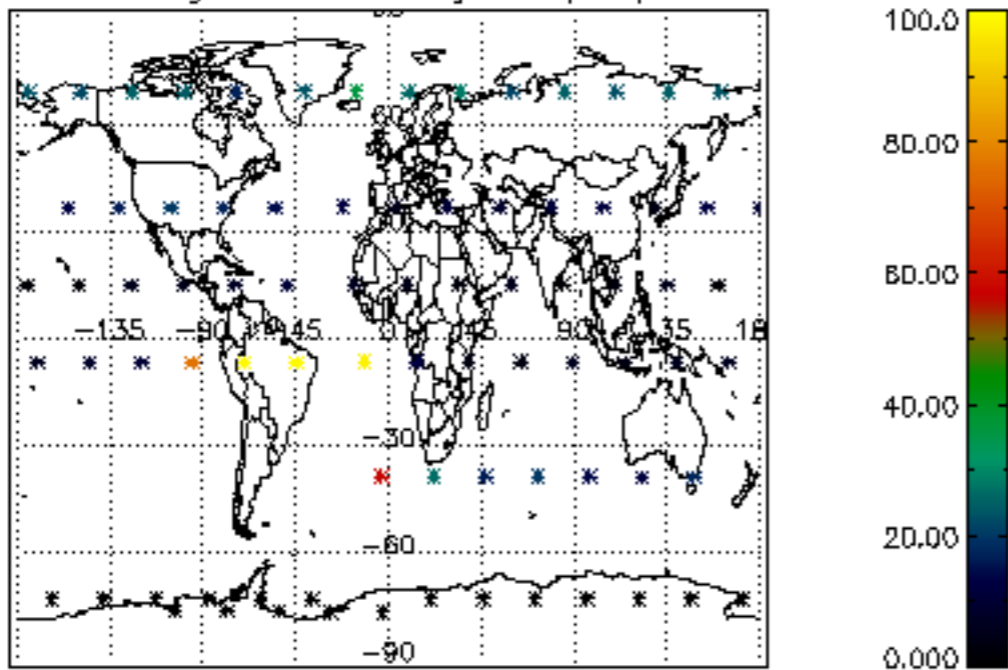
Percentage of flagged data per NO3 profile



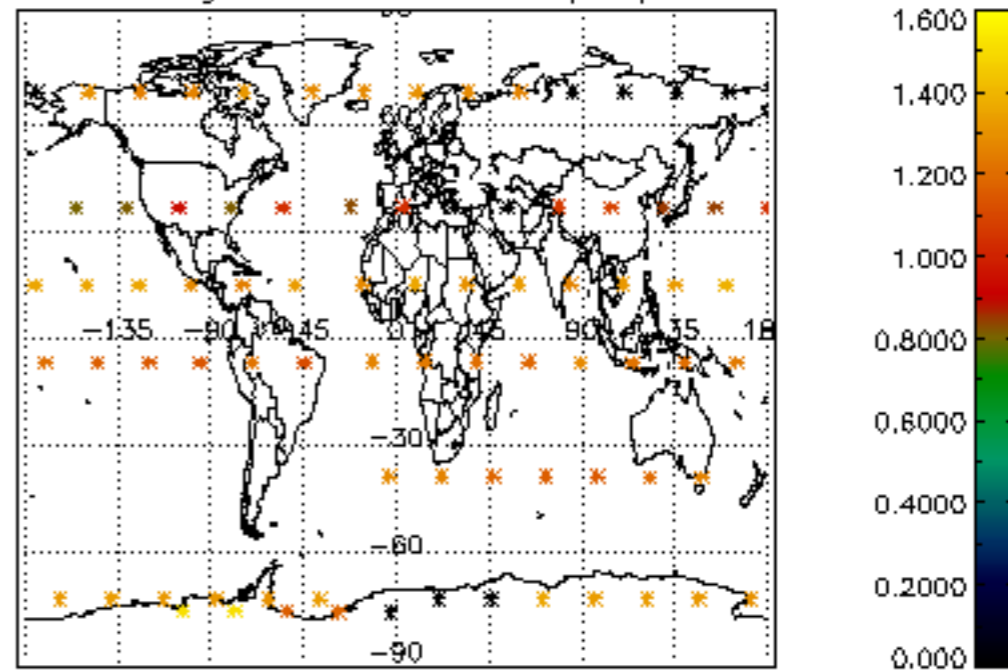




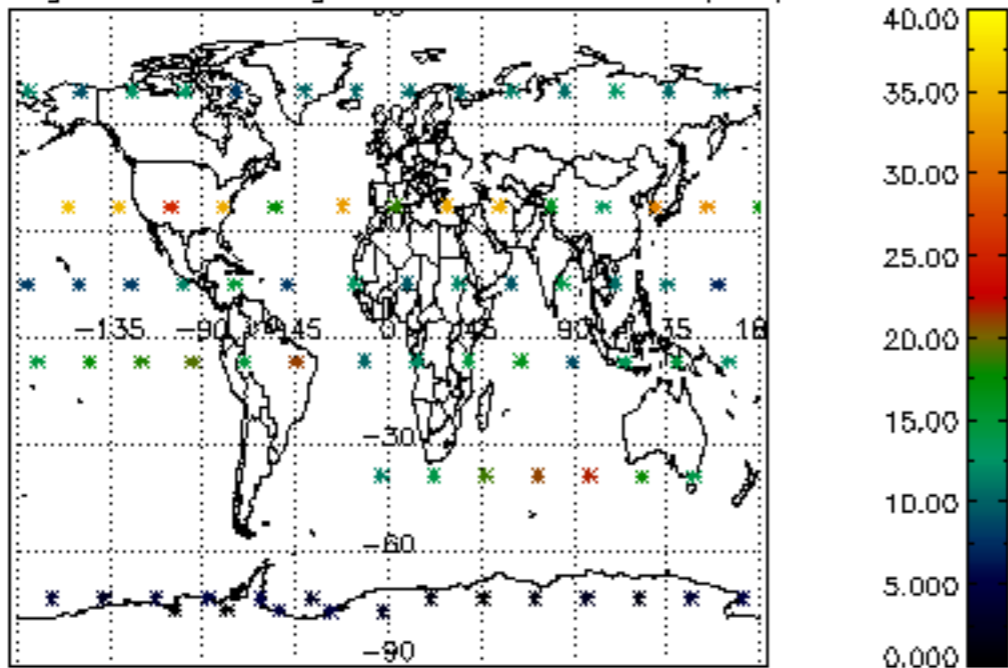
Percentage of cosmic ray hits per profile



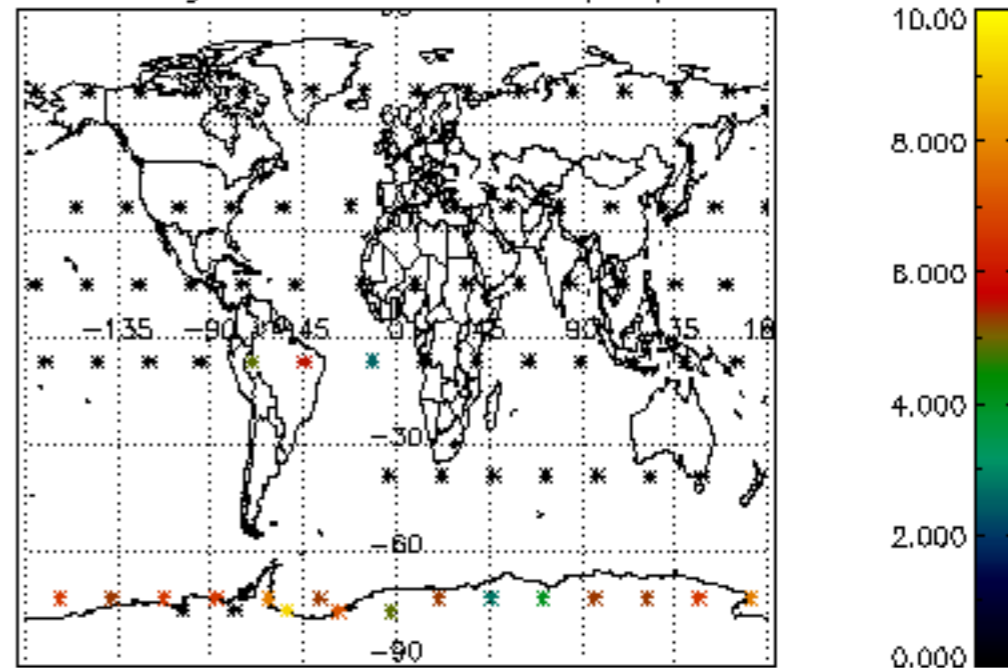
Percentage of datation errors per profile



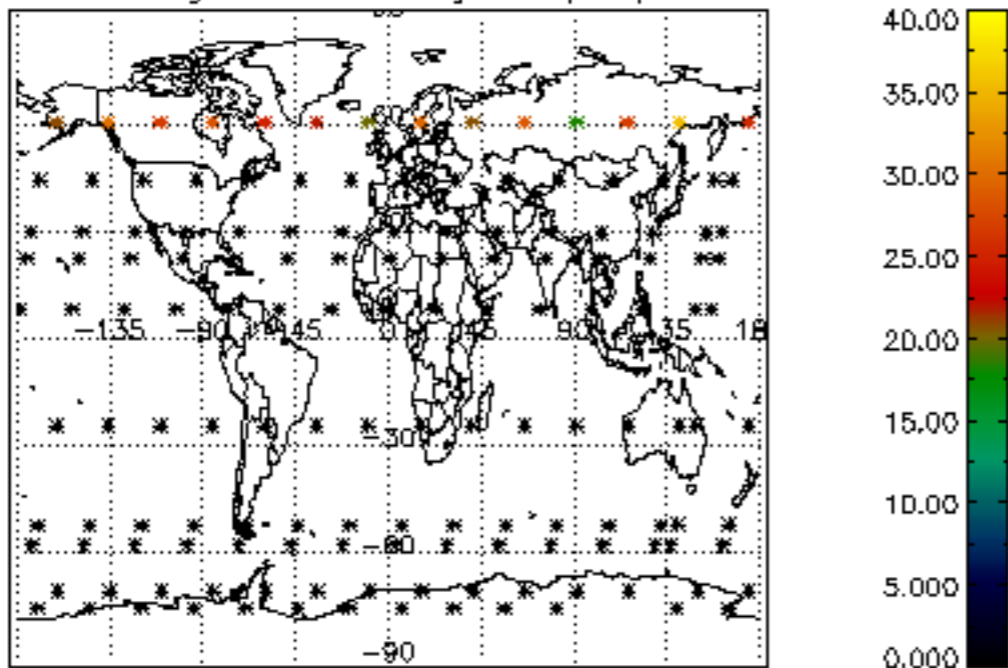
Percentage of star falling outside central band per profile



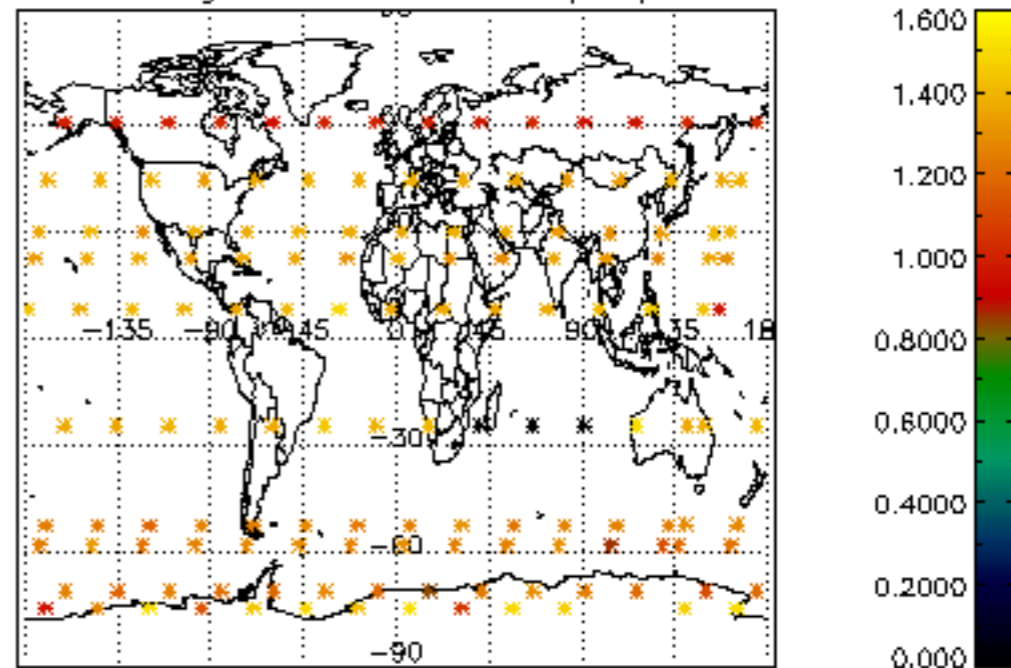
Percentage of saturation errors per profile



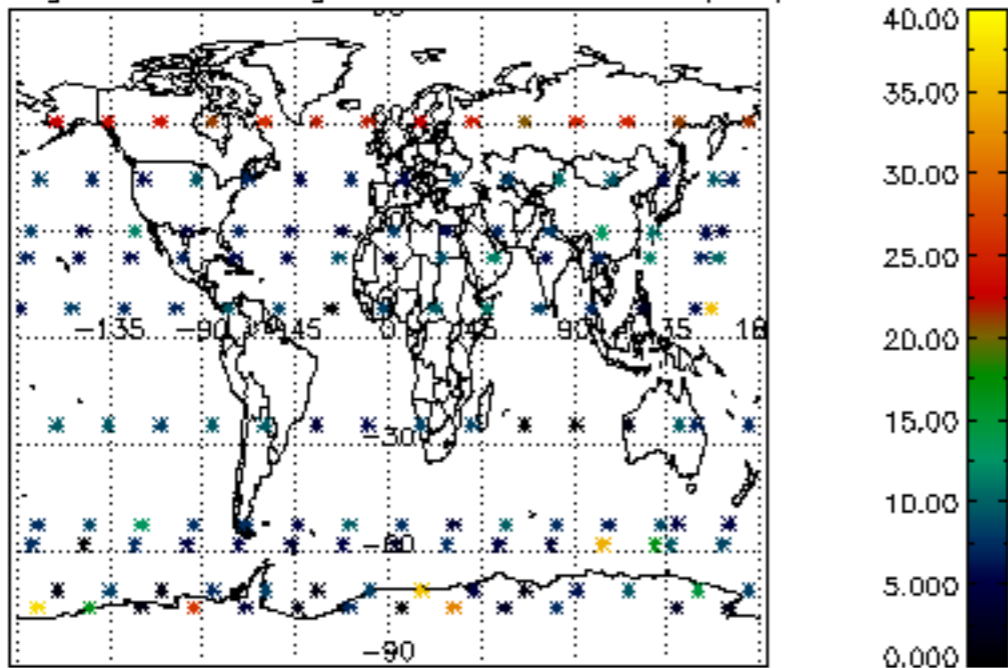
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

