

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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	22APR2013 16:37:21
Data source version	GOMOS/6.01
Start time of products	12-03-2006 (12MAR2006 00:00:00)
Stop time of products	13-03-2006 (13MAR2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	236
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__2PRFIN20060312_000743_000000362045_00474_21069_8143.N1	12-MAR-2006 00:07:43	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	21069	No
2	GOM_NL__2PRFIN20060312_001249_000000372045_00474_21069_8144.N1	12-MAR-2006 00:12:49	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	21069	No
3	GOM_NL__2PRFIN20060312_001423_000000362045_00474_21069_8145.N1	12-MAR-2006 00:14:23	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	21069	No
4	GOM_NL__2PRFIN20060312_001602_000000362045_00474_21069_8146.N1	12-MAR-2006 00:16:02	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	21069	No
5	GOM_NL__2PRFIN20060312_004114_000000412045_00474_21069_8147.N1	12-MAR-2006 00:41:14	Dark	40.500	45	Alp Pav	1.9400	26000.	81	21069	No
6	GOM_NL__2PRFIN20060312_004805_000000492045_00475_21070_8131.N1	12-MAR-2006 00:48:05	Dark	49.000	43	Alp TrA	1.9100	4250.0	98	21070	No
7	GOM_NL__2PRFIN20060312_004921_000000382045_00475_21070_8132.N1	12-MAR-2006 00:49:21	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	21070	No
8	GOM_NL__2PRFIN20060312_005204_000000462045_00475_21070_8133.N1	12-MAR-2006 00:52:04	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	21070	No
9	GOM_NL__2PRFIN20060312_005319_000000492045_00475_21070_8134.N1	12-MAR-2006 00:53:19	Dark	48.500	10	Bet Cen	0.61000	28000.	97	21070	No
10	GOM_NL__2PRFIN20060312_005526_000000422045_00475_21070_8135.N1	12-MAR-2006 00:55:26	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	21070	No
11	GOM_NL__2PRFIN20060312_005650_000000362045_00475_21070_8136.N1	12-MAR-2006 00:56:50	Dark	36.000	124	The Car	2.7640	30000.	72	21070	No
12	GOM_NL__2PRFIN20060312_005846_000000422045_00475_21070_8137.N1	12-MAR-2006 00:58:46	Straylight	41.500	99	Del Cen	2.5750	26000.	83	21070	No
13	GOM_NL__2PRFIN20060312_010043_000000422045_00475_21070_8138.N1	12-MAR-2006 01:00:43	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	21070	No
14	GOM_NL__2PRFIN20060312_011254_000000442045_00475_21070_8139.N1	12-MAR-2006 01:12:54	Bright	43.500	48	30Alp Hya	1.9770	4100.0	87	21070	No
15	GOM_NL__2PRFIN20060312_011829_000000382045_00475_21070_8140.N1	12-MAR-2006 01:18:29	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	21070	No
16	GOM_NL__2PRFIN20060312_012152_000000372045_00475_21070_8141.N1	12-MAR-2006 01:21:52	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	21070	No
17	GOM_NL__2PRFIN20060312_014035_000000332045_00475_21070_8142.N1	12-MAR-2006 01:40:35	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	21070	No
18	GOM_NL__2PRFIN20060312_014819_000000362045_00475_21070_8143.N1	12-MAR-2006 01:48:19	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	21070	No
19	GOM_NL__2PRFIN20060312_015325_000000342045_00475_21070_8144.N1	12-MAR-2006 01:53:25	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	21070	No
20	GOM_NL__2PRFIN20060312_015459_000000362045_00475_21070_8145.N1	12-MAR-2006 01:54:59	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	21070	No
21	GOM_NL__2PRFIN20060312_015638_000000332045_00475_21070_8146.N1	12-MAR-2006 01:56:38	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	21070	No
22	GOM_NL__2PRFIN20060312_022150_000000362045_00475_21070_8147.N1	12-MAR-2006 02:21:50	Dark	36.000	45	Alp Pav	1.9400	26000.	72	21070	No
23	GOM_NL__2PRFIN20060312_022841_000000392045_00476_21071_8131.N1	12-MAR-2006 02:28:41	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	21071	No
24	GOM_NL__2PRFIN20060312_022957_000000392045_00476_21071_8132.N1	12-MAR-2006 02:29:57	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	21071	No
25	GOM_NL__2PRFIN20060312_023240_000000462045_00476_21071_8133.N1	12-MAR-2006 02:32:40	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	21071	No
26	GOM_NL__2PRFIN20060312_023356_000000442045_00476_21071_8134.N1	12-MAR-2006 02:33:56	Dark	44.000	10	Bet Cen	0.61000	28000.	88	21071	No
27	GOM_NL__2PRFIN20060312_023603_000000482045_00476_21071_8135.N1	12-MAR-2006 02:36:03	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	21071	No
28	GOM_NL__2PRFIN20060312_023726_000000402045_00476_21071_8136.N1	12-MAR-2006 02:37:26	Dark	39.500	124	The Car	2.7640	30000.	79	21071	No
29	GOM_NL__2PRFIN20060312_023922_000000382045_00476_21071_8137.N1	12-MAR-2006 02:39:22	Straylight	38.000	99	Del Cen	2.5750	26000.	76	21071	No
30	GOM_NL__2PRFIN20060312_024119_000000402045_00476_21071_8138.N1	12-MAR-2006 02:41:19	Straylight	39.500	113	Mu Vel	2.6920	5000.0	79	21071	No
31	GOM_NL__2PRFIN20060312_025330_000000422045_00476_21071_8139.N1	12-MAR-2006 02:53:30	Bright	42.000	48	30Alp Hya	1.9770	4100.0	84	21071	No
32	GOM_NL__2PRFIN20060312_025905_000000382045_00476_21071_8140.N1	12-MAR-2006 02:59:05	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	21071	No
33	GOM_NL__2PRFIN20060312_030228_000000352045_00476_21071_8141.N1	12-MAR-2006 03:02:28	Bright	35.000	166	17Eps Leo	2.9800	6000.0	70	21071	No
34	GOM_NL__2PRFIN20060312_032111_000000342045_00476_21071_8142.N1	12-MAR-2006 03:21:11	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	21071	No
35	GOM_NL__2PRFIN20060312_032855_000000342045_00476_21071_8143.N1	12-MAR-2006 03:28:55	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	21071	No
36	GOM_NL__2PRFIN20060312_033401_000000382045_00476_21071_8144.N1	12-MAR-2006 03:34:01	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	21071	No
37	GOM_NL__2PRFIN20060312_033535_000000372045_00476_21071_8145.N1	12-MAR-2006 03:35:35	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	21071	No
38	GOM_NL__2PRFIN20060312_033714_000000352045_00476_21071_8146.N1	12-MAR-2006 03:37:14	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	21071	No
39	GOM_NL__2PRFIN20060312_040227_000000392045_00476_21071_8147.N1	12-MAR-2006 04:02:27	Dark	38.500	45	Alp Pav	1.9400	26000.	77	21071	No
40	GOM_NL__2PRFIN20060312_040918_000000392045_00477_21072_8131.N1	12-MAR-2006 04:09:18	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	21072	No
41	GOM_NL__2PRFIN20060312_041034_000000392045_00477_21072_8132.N1	12-MAR-2006 04:10:34	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	21072	No
42	GOM_NL__2PRFIN20060312_041317_000000452045_00477_21072_8133.N1	12-MAR-2006 04:13:17	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	21072	No

43	GOM_NL__2PRFIN20060312_041432_000000442045_00477_21072_8134.N1	12-MAR-2006 04:14:32	Dark	44.000	10	Bet Cen	0.61000	28000.	88	21072	No
44	GOM_NL__2PRFIN20060312_041639_000000392045_00477_21072_8135.N1	12-MAR-2006 04:16:39	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	21072	No
45	GOM_NL__2PRFIN20060312_041802_000000362045_00477_21072_8136.N1	12-MAR-2006 04:18:02	Dark	35.500	124	The Car	2.7640	30000.	71	21072	No
46	GOM_NL__2PRFIN20060312_041959_000000392045_00477_21072_8137.N1	12-MAR-2006 04:19:59	Straylight	38.500	99	Del Cen	2.5750	26000.	77	21072	No
47	GOM_NL__2PRFIN20060312_042155_000000372045_00477_21072_8138.N1	12-MAR-2006 04:21:55	Straylight	36.500	113	Mu Vel	2.6920	5000.0	73	21072	No
48	GOM_NL__2PRFIN20060312_043406_000000422045_00477_21072_8139.N1	12-MAR-2006 04:34:06	Bright	41.500	48	30Alp Hya	1.9770	4100.0	83	21072	No
49	GOM_NL__2PRFIN20060312_043942_000000382045_00477_21072_8140.N1	12-MAR-2006 04:39:42	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	21072	No
50	GOM_NL__2PRFIN20060312_044304_000000362045_00477_21072_8141.N1	12-MAR-2006 04:43:04	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	21072	No
51	GOM_NL__2PRFIN20060312_050147_000000332045_00477_21072_8142.N1	12-MAR-2006 05:01:47	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	21072	No
52	GOM_NL__2PRFIN20060312_050931_000000362045_00477_21072_8143.N1	12-MAR-2006 05:09:31	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	21072	No
53	GOM_NL__2PRFIN20060312_051437_000000352045_00477_21072_8144.N1	12-MAR-2006 05:14:37	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	21072	No
54	GOM_NL__2PRFIN20060312_051611_000000362045_00477_21072_8145.N1	12-MAR-2006 05:16:11	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	21072	No
55	GOM_NL__2PRFIN20060312_051751_000000362045_00477_21072_8146.N1	12-MAR-2006 05:17:51	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	21072	No
56	GOM_NL__2PRFIN20060312_054303_000000382045_00477_21072_8147.N1	12-MAR-2006 05:43:03	Dark	37.500	45	Alp Pav	1.9400	26000.	75	21072	No
57	GOM_NL__2PRFIN20060312_054954_000000372045_00478_21073_8131.N1	12-MAR-2006 05:49:54	Dark	37.000	43	Alp TrA	1.9100	4250.0	74	21073	No
58	GOM_NL__2PRFIN20060312_055110_000000382045_00478_21073_8132.N1	12-MAR-2006 05:51:10	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	21073	No
59	GOM_NL__2PRFIN20060312_055353_000000472045_00478_21073_8133.N1	12-MAR-2006 05:53:53	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	21073	No
60	GOM_NL__2PRFIN20060312_055509_000000522045_00478_21073_8134.N1	12-MAR-2006 05:55:09	Dark	51.500	10	Bet Cen	0.61000	28000.	103	21073	No
61	GOM_NL__2PRFIN20060312_055715_000000442045_00478_21073_8135.N1	12-MAR-2006 05:57:15	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	21073	No
62	GOM_NL__2PRFIN20060312_055838_000000362045_00478_21073_8136.N1	12-MAR-2006 05:58:38	Dark	35.500	124	The Car	2.7640	30000.	71	21073	No
63	GOM_NL__2PRFIN20060312_060035_000000412045_00478_21073_8137.N1	12-MAR-2006 06:00:35	Straylight	40.500	99	Del Cen	2.5750	26000.	81	21073	No
64	GOM_NL__2PRFIN20060312_060231_000000432045_00478_21073_8138.N1	12-MAR-2006 06:02:31	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	21073	No
65	GOM_NL__2PRFIN20060312_061442_000000412045_00478_21073_8139.N1	12-MAR-2006 06:14:42	Bright	41.000	48	30Alp Hya	1.9770	4100.0	82	21073	No
66	GOM_NL__2PRFIN20060312_062017_000000392045_00478_21073_8140.N1	12-MAR-2006 06:20:17	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	21073	No
67	GOM_NL__2PRFIN20060312_062340_000000372045_00478_21073_8141.N1	12-MAR-2006 06:23:40	Bright	36.500	166	17Eps Leo	2.9800	6000.0	73	21073	No
68	GOM_NL__2PRFIN20060312_064223_000000352045_00478_21073_8142.N1	12-MAR-2006 06:42:23	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	21073	No
69	GOM_NL__2PRFIN20060312_065007_000000352045_00478_21073_8143.N1	12-MAR-2006 06:50:07	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	21073	No
70	GOM_NL__2PRFIN20060312_065513_000000352045_00478_21073_8144.N1	12-MAR-2006 06:55:13	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	21073	No
71	GOM_NL__2PRFIN20060312_065647_000000382045_00478_21073_8145.N1	12-MAR-2006 06:56:47	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	21073	No
72	GOM_NL__2PRFIN20060312_065827_000000372045_00478_21073_8146.N1	12-MAR-2006 06:58:27	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	21073	No
73	GOM_NL__2PRFIN20060312_072339_000000362045_00478_21073_8147.N1	12-MAR-2006 07:23:39	Dark	35.500	45	Alp Pav	1.9400	26000.	71	21073	No
74	GOM_NL__2PRFIN20060312_072758_000000432045_00479_21074_8131.N1	12-MAR-2006 07:27:58	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	21074	No
75	GOM_NL__2PRFIN20060312_073030_000000382045_00479_21074_8132.N1	12-MAR-2006 07:30:30	Dark	37.500	43	Alp TrA	1.9100	4250.0	75	21074	No
76	GOM_NL__2PRFIN20060312_073147_000000392045_00479_21074_8133.N1	12-MAR-2006 07:31:47	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	21074	No
77	GOM_NL__2PRFIN20060312_073430_000000482045_00479_21074_8134.N1	12-MAR-2006 07:34:30	Dark	47.500	4	Alp1Cen	-0.010000	5800.0	95	21074	No
78	GOM_NL__2PRFIN20060312_073545_000000472045_00479_21074_8135.N1	12-MAR-2006 07:35:45	Dark	47.000	10	Bet Cen	0.61000	28000.	94	21074	No
79	GOM_NL__2PRFIN20060312_073752_000000472045_00479_21074_8136.N1	12-MAR-2006 07:37:52	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	21074	No
80	GOM_NL__2PRFIN20060312_073915_000000372045_00479_21074_8137.N1	12-MAR-2006 07:39:15	Dark	36.500	124	The Car	2.7640	30000.	73	21074	No
81	GOM_NL__2PRFIN20060312_074112_000000402045_00479_21074_8138.N1	12-MAR-2006 07:41:12	Straylight	40.000	99	Del Cen	2.5750	26000.	80	21074	No
82	GOM_NL__2PRFIN20060312_074308_000000412045_00479_21074_8139.N1	12-MAR-2006 07:43:08	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	21074	No
83	GOM_NL__2PRFIN20060312_075518_000000442045_00479_21074_8140.N1	12-MAR-2006 07:55:18	Bright	43.500	48	30Alp Hya	1.9770	4100.0	87	21074	No
84	GOM_NL__2PRFIN20060312_080053_000000392045_00479_21074_8141.N1	12-MAR-2006 08:00:53	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	21074	No
85	GOM_NL__2PRFIN20060312_080416_000000362045_00479_21074_8142.N1	12-MAR-2006 08:04:16	Bright	35.500	166	17Eps Leo	2.9800	6000.0	71	21074	No
86	GOM_NL__2PRFIN20060312_082259_000000332045_00479_21074_8143.N1	12-MAR-2006 08:22:59	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	21074	No
87	GOM_NL__2PRFIN20060312_083043_000000352045_00479_21074_8144.N1	12-MAR-2006 08:30:43	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	21074	No
88	GOM_NL__2PRFIN20060312_083549_000000342045_00479_21074_8145.N1	12-MAR-2006 08:35:49	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	21074	No
89	GOM_NL__2PRFIN20060312_083723_000000352045_00479_21074_8146.N1	12-MAR-2006 08:37:23	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	21074	No
90	GOM_NL__2PRFIN20060312_083903_000000342045_00479_21074_8147.N1	12-MAR-2006 08:39:03	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	21074	No
91	GOM_NL__2PRFIN20060312_090415_000000372045_00479_21074_8148.N1	12-MAR-2006 09:04:15	Dark	37.000	45	Alp Pav	1.9400	26000.	74	21074	No
92	GOM_NL__2PRFIN20060312_090834_000000422045_00480_21075_8131.N1	12-MAR-2006 09:08:34	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	21075	No
93	GOM_NL__2PRFIN20060312_091107_000000452045_00480_21075_8132.N1	12-MAR-2006 09:11:07	Dark	45.000	43	Alp TrA	1.9100	4250.0	90	21075	No
94	GOM_NL__2PRFIN20060312_091223_000000412045_00480_21075_8133.N1	12-MAR-2006 09:12:23	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	21075	No
95	GOM_NL__2PRFIN20060312_091506_000000462045_00480_21075_8134.N1	12-MAR-2006 09:15:06	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	21075	No
96	GOM_NL__2PRFIN20060312_091622_000000462045_00480_21075_8135.N1	12-MAR-2006 09:16:22	Dark	45.500	10	Bet Cen	0.61000	28000.	91	21075	No
97	GOM_NL__2PRFIN20060312_091828_000000442045_00480_21075_8136.N1	12-MAR-2006 09:18:28	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	21075	No
98	GOM_NL__2PRFIN20060312_091951_000000362045_00480_21075_8137.N1	12-MAR-2006 09:19:51	Dark	35.500	124	The Car	2.7640	30000.	71	21075	No
99	GOM_NL__2PRFIN20060312_092148_000000392045_00480_21075_8138.N1	12-MAR-2006 09:21:48	Straylight	39.000	99	Del Cen	2.5750	26000.	78	21075	No
100	GOM_NL__2PRFIN20060312_092344_000000402045_00480_21075_8139.N1	12-MAR-2006 09:23:44	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	21075	No
101	GOM_NL__2PRFIN20060312_093554_000000432045_00480_21075_8140.N1	12-MAR-2006 09:35:54	Bright	42.500	48	30Alp Hya	1.9770	4100.0	85	21075	No

102	GOM_NL__2PRFIN20060312_094129_000000392045_00480_21075_8141.N1	12-MAR-2006 09:41:29	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	21075	No
103	GOM_NL__2PRFIN20060312_094452_000000372045_00480_21075_8142.N1	12-MAR-2006 09:44:52	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	21075	No
104	GOM_NL__2PRFIN20060312_100335_000000352045_00480_21075_8143.N1	12-MAR-2006 10:03:35	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	21075	No
105	GOM_NL__2PRFIN20060312_101119_000000342045_00480_21075_8144.N1	12-MAR-2006 10:11:19	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	21075	No
106	GOM_NL__2PRFIN20060312_101625_000000362045_00480_21075_8145.N1	12-MAR-2006 10:16:25	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	21075	No
107	GOM_NL__2PRFIN20060312_101759_000000382045_00480_21075_8146.N1	12-MAR-2006 10:17:59	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	21075	No
108	GOM_NL__2PRFIN20060312_101939_000000342045_00480_21075_8147.N1	12-MAR-2006 10:19:39	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	21075	No
109	GOM_NL__2PRFIN20060312_104451_000000402045_00480_21075_8148.N1	12-MAR-2006 10:44:51	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21075	No
110	GOM_NL__2PRFIN20060312_104911_000000392045_00481_21076_8176.N1	12-MAR-2006 10:49:11	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	21076	No
111	GOM_NL__2PRFIN20060312_105143_000000392045_00481_21076_8177.N1	12-MAR-2006 10:51:43	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	21076	No
112	GOM_NL__2PRFIN20060312_105300_000000392045_00481_21076_8178.N1	12-MAR-2006 10:53:00	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	21076	No
113	GOM_NL__2PRFIN20060312_105543_000000482045_00481_21076_8179.N1	12-MAR-2006 10:55:43	Dark	48.000	4	Alp1Cen	-0.010000	5800.0	96	21076	No
114	GOM_NL__2PRFIN20060312_105658_000000412045_00481_21076_8180.N1	12-MAR-2006 10:56:58	Dark	41.000	10	Bet Cen	0.61000	28000.	82	21076	No
115	GOM_NL__2PRFIN20060312_105904_000000462045_00481_21076_8181.N1	12-MAR-2006 10:59:04	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	21076	No
116	GOM_NL__2PRFIN20060312_110027_000000372045_00481_21076_8182.N1	12-MAR-2006 11:00:27	Dark	36.500	124	The Car	2.7640	30000.	73	21076	No
117	GOM_NL__2PRFIN20060312_110224_000000412045_00481_21076_8183.N1	12-MAR-2006 11:02:24	Straylight	41.000	99	Del Cen	2.5750	26000.	82	21076	No
118	GOM_NL__2PRFIN20060312_110420_000000392045_00481_21076_8184.N1	12-MAR-2006 11:04:20	Straylight	39.000	113	Mu Vel	2.6920	5000.0	78	21076	No
119	GOM_NL__2PRFIN20060312_111630_000000432045_00481_21076_8185.N1	12-MAR-2006 11:16:30	Bright	43.000	48	30Alp Hya	1.9770	4100.0	86	21076	No
120	GOM_NL__2PRFIN20060312_112205_000000382045_00481_21076_8186.N1	12-MAR-2006 11:22:05	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	21076	No
121	GOM_NL__2PRFIN20060312_112528_000000362045_00481_21076_8187.N1	12-MAR-2006 11:25:28	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	21076	No
122	GOM_NL__2PRFIN20060312_114411_000000352045_00481_21076_8188.N1	12-MAR-2006 11:44:11	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	21076	No
123	GOM_NL__2PRFIN20060312_115155_000000352045_00481_21076_8189.N1	12-MAR-2006 11:51:55	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	21076	No
124	GOM_NL__2PRFIN20060312_115701_000000352045_00481_21076_8190.N1	12-MAR-2006 11:57:01	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	21076	No
125	GOM_NL__2PRFIN20060312_115835_000000372045_00481_21076_8191.N1	12-MAR-2006 11:58:35	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	21076	No
126	GOM_NL__2PRFIN20060312_120015_000000362045_00481_21076_8192.N1	12-MAR-2006 12:00:15	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	21076	No
127	GOM_NL__2PRFIN20060312_122527_000000382045_00481_21076_8193.N1	12-MAR-2006 12:25:27	Dark	37.500	45	Alp Pav	1.9400	26000.	75	21076	No
128	GOM_NL__2PRFIN20060312_122948_000000392045_00482_21077_8176.N1	12-MAR-2006 12:29:48	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	21077	No
129	GOM_NL__2PRFIN20060312_123219_000000392045_00482_21077_8177.N1	12-MAR-2006 12:32:19	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	21077	No
130	GOM_NL__2PRFIN20060312_123336_000000392045_00482_21077_8178.N1	12-MAR-2006 12:33:36	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	21077	No
131	GOM_NL__2PRFIN20060312_123619_000000412045_00482_21077_8179.N1	12-MAR-2006 12:36:19	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	21077	No
132	GOM_NL__2PRFIN20060312_123734_000000482045_00482_21077_8180.N1	12-MAR-2006 12:37:34	Dark	47.500	10	Bet Cen	0.61000	28000.	95	21077	No
133	GOM_NL__2PRFIN20060312_123940_000000402045_00482_21077_8181.N1	12-MAR-2006 12:39:40	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	21077	No
134	GOM_NL__2PRFIN20060312_124103_000000362045_00482_21077_8182.N1	12-MAR-2006 12:41:03	Dark	36.000	124	The Car	2.7640	30000.	72	21077	No
135	GOM_NL__2PRFIN20060312_124301_000000412045_00482_21077_8183.N1	12-MAR-2006 12:43:01	Straylight	41.000	99	Del Cen	2.5750	26000.	82	21077	No
136	GOM_NL__2PRFIN20060312_124456_000000392045_00482_21077_8184.N1	12-MAR-2006 12:44:56	Straylight	38.500	113	Mu Vel	2.6920	5000.0	77	21077	No
137	GOM_NL__2PRFIN20060312_125706_000000432045_00482_21077_8185.N1	12-MAR-2006 12:57:06	Bright	43.000	48	30Alp Hya	1.9770	4100.0	86	21077	No
138	GOM_NL__2PRFIN20060312_130241_000000382045_00482_21077_8186.N1	12-MAR-2006 13:02:41	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	21077	No
139	GOM_NL__2PRFIN20060312_130604_000000362045_00482_21077_8187.N1	12-MAR-2006 13:06:04	Bright	36.000	166	17Eps Leo	2.9800	6000.0	72	21077	No
140	GOM_NL__2PRFIN20060312_132447_000000332045_00482_21077_8188.N1	12-MAR-2006 13:24:47	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	21077	No
141	GOM_NL__2PRFIN20060312_133231_000000342045_00482_21077_8189.N1	12-MAR-2006 13:32:31	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	21077	No
142	GOM_NL__2PRFIN20060312_133737_000000342045_00482_21077_8190.N1	12-MAR-2006 13:37:37	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	21077	No
143	GOM_NL__2PRFIN20060312_133911_000000372045_00482_21077_8191.N1	12-MAR-2006 13:39:11	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	21077	No
144	GOM_NL__2PRFIN20060312_134051_000000352045_00482_21077_8192.N1	12-MAR-2006 13:40:51	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	21077	No
145	GOM_NL__2PRFIN20060312_140603_000000372045_00482_21077_8193.N1	12-MAR-2006 14:06:03	Dark	37.000	45	Alp Pav	1.9400	26000.	74	21077	No
146	GOM_NL__2PRFIN20060312_141024_000000372045_00483_21078_8176.N1	12-MAR-2006 14:10:24	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	21078	No
147	GOM_NL__2PRFIN20060312_141256_000000412045_00483_21078_8177.N1	12-MAR-2006 14:12:56	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	21078	No
148	GOM_NL__2PRFIN20060312_141413_000000382045_00483_21078_8178.N1	12-MAR-2006 14:14:13	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	21078	No
149	GOM_NL__2PRFIN20060312_141656_000000492045_00483_21078_8179.N1	12-MAR-2006 14:16:56	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	21078	No
150	GOM_NL__2PRFIN20060312_141811_000000452045_00483_21078_8180.N1	12-MAR-2006 14:18:11	Dark	44.500	10	Bet Cen	0.61000	28000.	89	21078	No
151	GOM_NL__2PRFIN20060312_142017_000000472045_00483_21078_8181.N1	12-MAR-2006 14:20:17	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	21078	No
152	GOM_NL__2PRFIN20060312_142130_000000522045_00483_21078_8182.N1	12-MAR-2006 14:21:30	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	21078	No
153	GOM_NL__2PRFIN20060312_142337_000000402045_00483_21078_8183.N1	12-MAR-2006 14:23:37	Straylight	39.500	99	Del Cen	2.5750	26000.	79	21078	No
154	GOM_NL__2PRFIN20060312_142532_000000392045_00483_21078_8184.N1	12-MAR-2006 14:25:32	Straylight	39.000	113	Mu Vel	2.6920	5000.0	78	21078	No
155	GOM_NL__2PRFIN20060312_143742_000000422045_00483_21078_8185.N1	12-MAR-2006 14:37:42	Bright	42.000	48	30Alp Hya	1.9770	4100.0	84	21078	No
156	GOM_NL__2PRFIN20060312_144317_000000382045_00483_21078_8186.N1	12-MAR-2006 14:43:17	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	21078	No
157	GOM_NL__2PRFIN20060312_144639_000000372045_00483_21078_8187.N1	12-MAR-2006 14:46:39	Bright	36.500	166	17Eps Leo	2.9800	6000.0	73	21078	No
158	GOM_NL__2PRFIN20060312_150523_000000352045_00483_21078_8188.N1	12-MAR-2006 15:05:23	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	21078	No
159	GOM_NL__2PRFIN20060312_151307_000000352045_00483_21078_8189.N1	12-MAR-2006 15:13:07	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	21078	No
160	GOM_NL__2PRFIN20060312_151813_000000382045_00483_21078_8190.N1	12-MAR-2006 15:18:13	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	21078	No

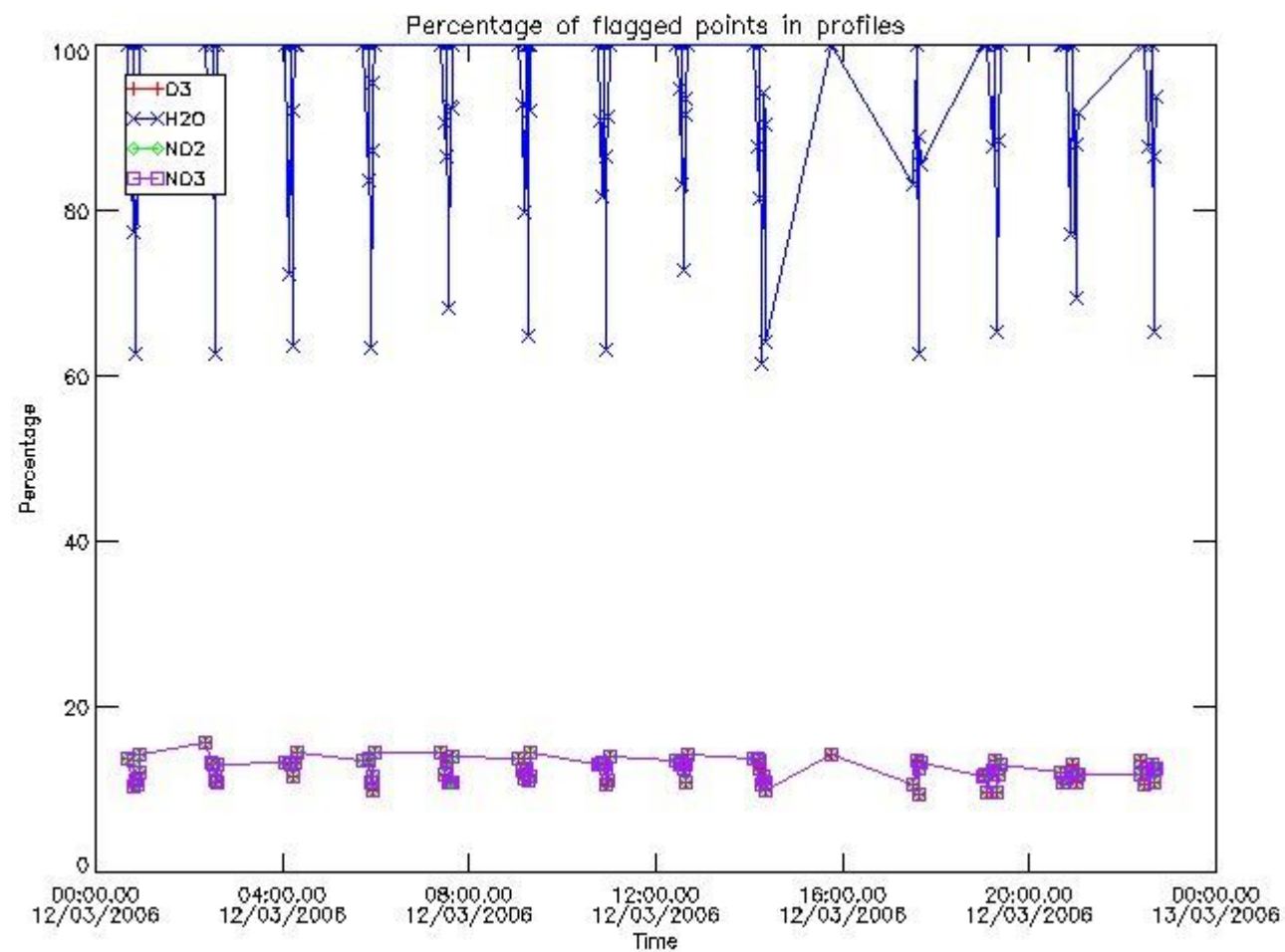
161	GOM_NL__2PRFIN20060312_151947_000000382045_00483_21078_8191.N1	12-MAR-2006 15:19:47	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	21078	No
162	GOM_NL__2PRFIN20060312_152127_000000372045_00483_21078_8192.N1	12-MAR-2006 15:21:27	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	21078	No
163	GOM_NL__2PRFIN20060312_154639_000000362045_00483_21078_8193.N1	12-MAR-2006 15:46:39	Dark	35.500	45	Alp Pav	1.9400	26000.	71	21078	No
164	GOM_NL__2PRFIN20060312_173137_000000482045_00485_21080_8176.N1	12-MAR-2006 17:31:37	Dark	48.000	141	Bet Ara	2.8400	4600.0	96	21080	No
165	GOM_NL__2PRFIN20060312_173526_000000382045_00485_21080_8177.N1	12-MAR-2006 17:35:26	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	21080	No
166	GOM_NL__2PRFIN20060312_173809_000000542045_00485_21080_8178.N1	12-MAR-2006 17:38:09	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	21080	No
167	GOM_NL__2PRFIN20060312_173924_000000412045_00485_21080_8179.N1	12-MAR-2006 17:39:24	Dark	41.000	10	Bet Cen	0.61000	28000.	82	21080	No
168	GOM_NL__2PRFIN20060312_174144_000000392045_00485_21080_8180.N1	12-MAR-2006 17:41:44	Dark	38.500	20	Bet Cru	1.2530	30000.	77	21080	No
169	GOM_NL__2PRFIN20060312_174423_000000412045_00485_21080_8181.N1	12-MAR-2006 17:44:23	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	21080	No
170	GOM_NL__2PRFIN20060312_180648_000000392045_00485_21080_8182.N1	12-MAR-2006 18:06:48	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	21080	No
171	GOM_NL__2PRFIN20060312_181449_000000422045_00485_21080_8183.N1	12-MAR-2006 18:14:49	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	21080	No
172	GOM_NL__2PRFIN20060312_181756_000000392045_00485_21080_8184.N1	12-MAR-2006 18:17:56	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	21080	No
173	GOM_NL__2PRFIN20060312_181924_000000372045_00485_21080_8185.N1	12-MAR-2006 18:19:24	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	21080	No
174	GOM_NL__2PRFIN20060312_182635_000000362045_00485_21080_8186.N1	12-MAR-2006 18:26:35	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21080	No
175	GOM_NL__2PRFIN20060312_183419_000000362045_00485_21080_8187.N1	12-MAR-2006 18:34:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	21080	No
176	GOM_NL__2PRFIN20060312_183925_000000372045_00485_21080_8188.N1	12-MAR-2006 18:39:25	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	21080	No
177	GOM_NL__2PRFIN20060312_184059_000000352045_00485_21080_8189.N1	12-MAR-2006 18:40:59	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	21080	No
178	GOM_NL__2PRFIN20060312_184239_000000342045_00485_21080_8190.N1	12-MAR-2006 18:42:39	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	21080	No
179	GOM_NL__2PRFIN20060312_185046_000000492045_00485_21080_8191.N1	12-MAR-2006 18:50:46	Bright	49.000	11	53Alp Aql	0.76500	8000.0	98	21080	No
180	GOM_NL__2PRFIN20060312_190039_000000442045_00485_21080_8192.N1	12-MAR-2006 19:00:39	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	21080	No
181	GOM_NL__2PRFIN20060312_190238_000000442045_00485_21080_8193.N1	12-MAR-2006 19:02:38	Dark	43.500	57	34Sig Sgr	2.0660	26000.	87	21080	No
182	GOM_NL__2PRFIN20060312_190602_000000532045_00485_21080_8194.N1	12-MAR-2006 19:06:02	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	21080	No
183	GOM_NL__2PRFIN20060312_191214_000000422045_00486_21081_8176.N1	12-MAR-2006 19:12:14	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	21081	No
184	GOM_NL__2PRFIN20060312_191602_000000382045_00486_21081_8177.N1	12-MAR-2006 19:16:02	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	21081	No
185	GOM_NL__2PRFIN20060312_191845_000000532045_00486_21081_8178.N1	12-MAR-2006 19:18:45	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	21081	No
186	GOM_NL__2PRFIN20060312_192000_000000442045_00486_21081_8179.N1	12-MAR-2006 19:20:00	Dark	43.500	10	Bet Cen	0.61000	28000.	87	21081	No
187	GOM_NL__2PRFIN20060312_192220_000000392045_00486_21081_8180.N1	12-MAR-2006 19:22:20	Dark	39.000	20	Bet Cru	1.2530	30000.	78	21081	No
188	GOM_NL__2PRFIN20060312_192459_000000412045_00486_21081_8181.N1	12-MAR-2006 19:24:59	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	21081	No
189	GOM_NL__2PRFIN20060312_194724_000000392045_00486_21081_8182.N1	12-MAR-2006 19:47:24	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	21081	No
190	GOM_NL__2PRFIN20060312_195525_000000422045_00486_21081_8183.N1	12-MAR-2006 19:55:25	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	21081	No
191	GOM_NL__2PRFIN20060312_195832_000000382045_00486_21081_8184.N1	12-MAR-2006 19:58:32	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	21081	No
192	GOM_NL__2PRFIN20060312_200000_000000382045_00486_21081_8185.N1	12-MAR-2006 20:00:00	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	21081	No
193	GOM_NL__2PRFIN20060312_200711_000000362045_00486_21081_8186.N1	12-MAR-2006 20:07:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21081	No
194	GOM_NL__2PRFIN20060312_201455_000000372045_00486_21081_8187.N1	12-MAR-2006 20:14:55	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	21081	No
195	GOM_NL__2PRFIN20060312_202001_000000372045_00486_21081_8188.N1	12-MAR-2006 20:20:01	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	21081	No
196	GOM_NL__2PRFIN20060312_202135_000000382045_00486_21081_8189.N1	12-MAR-2006 20:21:35	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	21081	No
197	GOM_NL__2PRFIN20060312_202315_000000352045_00486_21081_8190.N1	12-MAR-2006 20:23:15	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	21081	No
198	GOM_NL__2PRFIN20060312_203122_000000512045_00486_21081_8191.N1	12-MAR-2006 20:31:22	Bright	51.000	11	53Alp Aql	0.76500	8000.0	102	21081	No
199	GOM_NL__2PRFIN20060312_204116_000000432045_00486_21081_8192.N1	12-MAR-2006 20:41:16	Dark	42.500	155	41Pi Sgr	2.9000	6600.0	85	21081	No
200	GOM_NL__2PRFIN20060312_204315_000000482045_00486_21081_8193.N1	12-MAR-2006 20:43:15	Dark	47.500	57	34Sig Sgr	2.0660	26000.	95	21081	No
201	GOM_NL__2PRFIN20060312_204638_000000452045_00486_21081_8194.N1	12-MAR-2006 20:46:38	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	21081	No
202	GOM_NL__2PRFIN20060312_205250_000000422045_00487_21082_8176.N1	12-MAR-2006 20:52:50	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	21082	No
203	GOM_NL__2PRFIN20060312_205639_000000392045_00487_21082_8177.N1	12-MAR-2006 20:56:39	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	21082	No
204	GOM_NL__2PRFIN20060312_205922_000000432045_00487_21082_8178.N1	12-MAR-2006 20:59:22	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	21082	No
205	GOM_NL__2PRFIN20060312_210037_000000472045_00487_21082_8179.N1	12-MAR-2006 21:00:37	Dark	46.500	10	Bet Cen	0.61000	28000.	93	21082	No
206	GOM_NL__2PRFIN20060312_210256_000000442045_00487_21082_8180.N1	12-MAR-2006 21:02:56	Dark	43.500	20	Bet Cru	1.2530	30000.	87	21082	No
207	GOM_NL__2PRFIN20060312_210536_000000422045_00487_21082_8181.N1	12-MAR-2006 21:05:36	Straylight	41.500	64	Gam Cen	2.2000	10600.	83	21082	No
208	GOM_NL__2PRFIN20060312_212800_000000382045_00487_21082_8182.N1	12-MAR-2006 21:28:00	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	21082	No
209	GOM_NL__2PRFIN20060312_213600_000000402045_00487_21082_8183.N1	12-MAR-2006 21:36:00	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	21082	No
210	GOM_NL__2PRFIN20060312_213907_000000392045_00487_21082_8184.N1	12-MAR-2006 21:39:07	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	21082	No
211	GOM_NL__2PRFIN20060312_214035_000000392045_00487_21082_8185.N1	12-MAR-2006 21:40:35	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	21082	No
212	GOM_NL__2PRFIN20060312_214747_000000362045_00487_21082_8186.N1	12-MAR-2006 21:47:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21082	No
213	GOM_NL__2PRFIN20060312_215531_000000332045_00487_21082_8187.N1	12-MAR-2006 21:55:31	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	21082	No
214	GOM_NL__2PRFIN20060312_220037_000000342045_00487_21082_8188.N1	12-MAR-2006 22:00:37	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	21082	No
215	GOM_NL__2PRFIN20060312_220211_000000352045_00487_21082_8189.N1	12-MAR-2006 22:02:11	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	21082	No
216	GOM_NL__2PRFIN20060312_220351_000000352045_00487_21082_8190.N1	12-MAR-2006 22:03:51	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	21082	No
217	GOM_NL__2PRFIN20060312_221159_000000522045_00487_21082_8191.N1	12-MAR-2006 22:11:59	Bright	52.000	11	53Alp Aql	0.76500	8000.0	104	21082	No
218	GOM_NL__2PRFIN20060312_222152_000000432045_00487_21082_8192.N1	12-MAR-2006 22:21:52	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	21082	No
219	GOM_NL__2PRFIN20060312_222351_000000452045_00487_21082_8193.N1	12-MAR-2006 22:23:51	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	21082	No

220	GOM_NL__2PRFIN20060312_222715_000000492045_00487_21082_8194.N1	12-MAR-2006 22:27:15	Dark	48.500	38	20Eps Sgr	1.8360	11000.	97	21082	No
221	GOM_NL__2PRFIN20060312_223327_000000412045_00488_21083_8176.N1	12-MAR-2006 22:33:27	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	21083	No
222	GOM_NL__2PRFIN20060312_223715_000000392045_00488_21083_8177.N1	12-MAR-2006 22:37:15	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	21083	No
223	GOM_NL__2PRFIN20060312_223958_000000472045_00488_21083_8178.N1	12-MAR-2006 22:39:58	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	21083	No
224	GOM_NL__2PRFIN20060312_224113_000000412045_00488_21083_8179.N1	12-MAR-2006 22:41:13	Dark	41.000	10	Bet Cen	0.61000	28000.	82	21083	No
225	GOM_NL__2PRFIN20060312_224333_000000412045_00488_21083_8180.N1	12-MAR-2006 22:43:33	Dark	40.500	20	Bet Cru	1.2530	30000.	81	21083	No
226	GOM_NL__2PRFIN20060312_224612_000000412045_00488_21083_8181.N1	12-MAR-2006 22:46:12	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	21083	No
227	GOM_NL__2PRFIN20060312_230835_000000392045_00488_21083_8182.N1	12-MAR-2006 23:08:35	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	21083	No
228	GOM_NL__2PRFIN20060312_231636_000000382045_00488_21083_8183.N1	12-MAR-2006 23:16:36	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	21083	No
229	GOM_NL__2PRFIN20060312_231943_000000572045_00488_21083_8184.N1	12-MAR-2006 23:19:43	Bright	57.000	82	48Bet UMa	2.3650	10600.	114	21083	No
230	GOM_NL__2PRFIN20060312_232111_000000392045_00488_21083_8185.N1	12-MAR-2006 23:21:11	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	21083	No
231	GOM_NL__2PRFIN20060312_232822_000000342045_00488_21083_8186.N1	12-MAR-2006 23:28:22	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	21083	No
232	GOM_NL__2PRFIN20060312_233607_000000352045_00488_21083_8187.N1	12-MAR-2006 23:36:07	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	21083	No
233	GOM_NL__2PRFIN20060312_234113_000000372045_00488_21083_8188.N1	12-MAR-2006 23:41:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	21083	No
234	GOM_NL__2PRFIN20060312_234247_000000372045_00488_21083_8189.N1	12-MAR-2006 23:42:47	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	21083	No
235	GOM_NL__2PRFIN20060312_234427_000000372045_00488_21083_8190.N1	12-MAR-2006 23:44:27	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	21083	No
236	GOM_NL__2PRFIN20060312_235235_000000492045_00488_21083_8191.N1	12-MAR-2006 23:52:35	Bright	48.500	11	53Alp Aql	0.76500	8000.0	97	21083	No

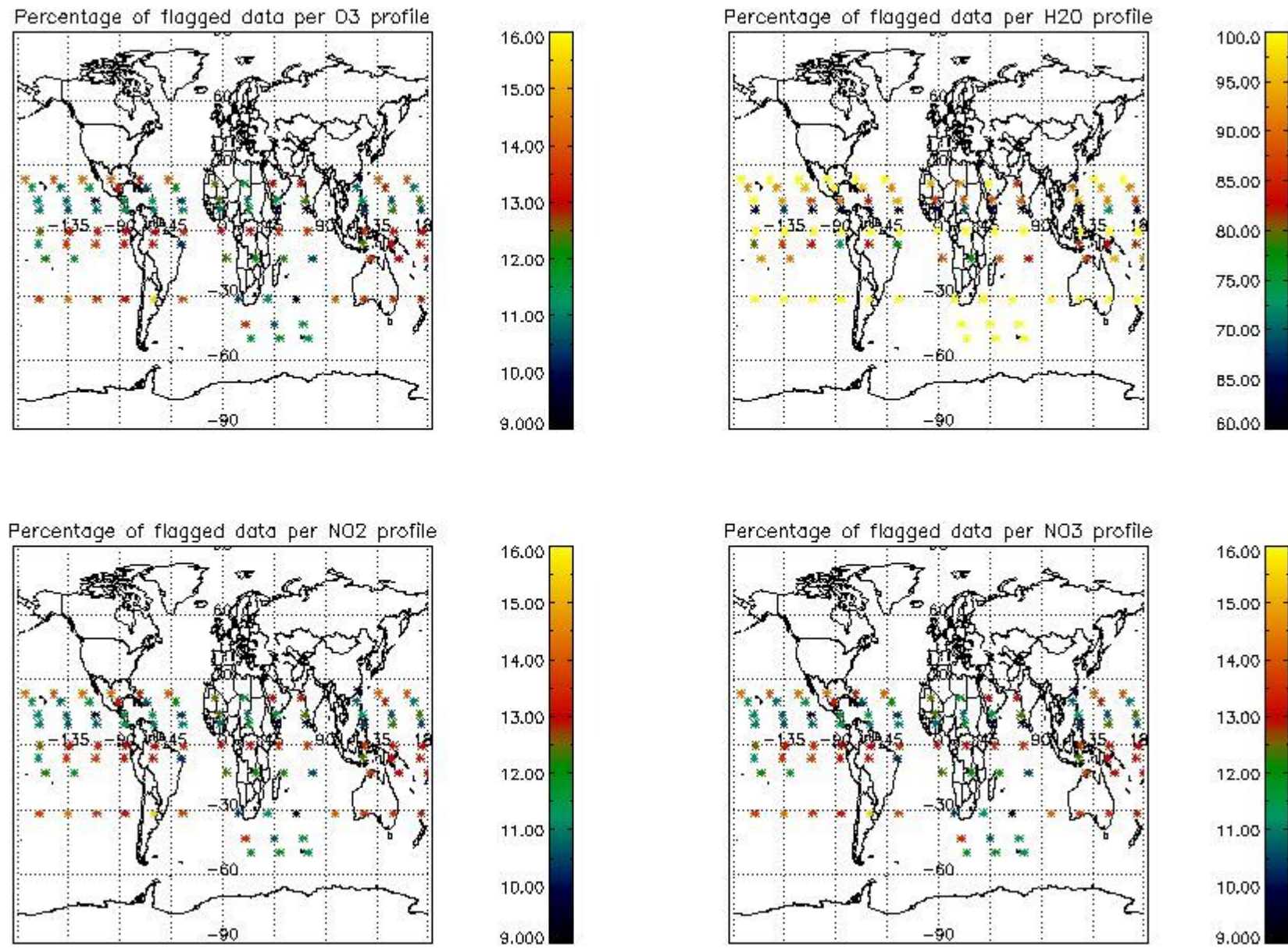
3. Quality information per product

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)

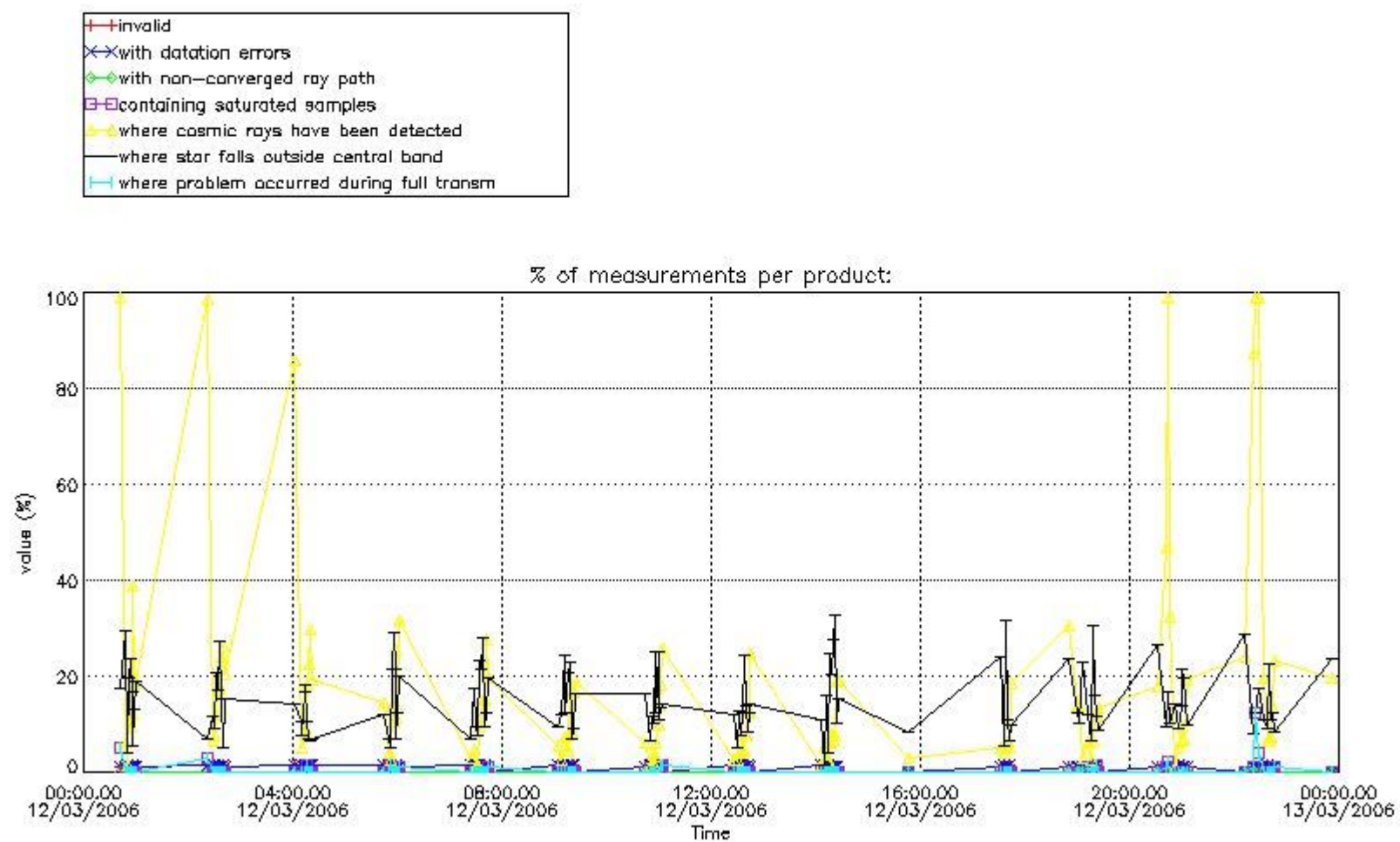


4. Level 1 quality information per product

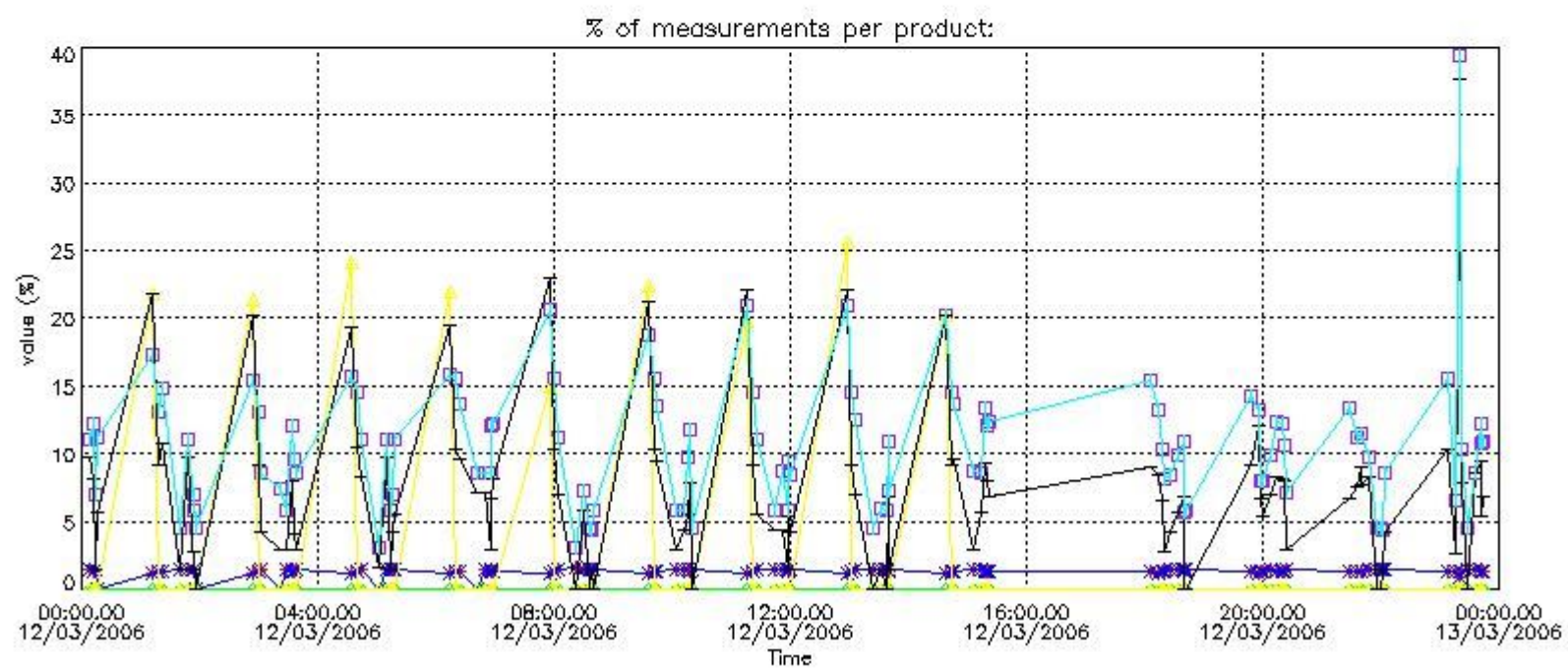
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



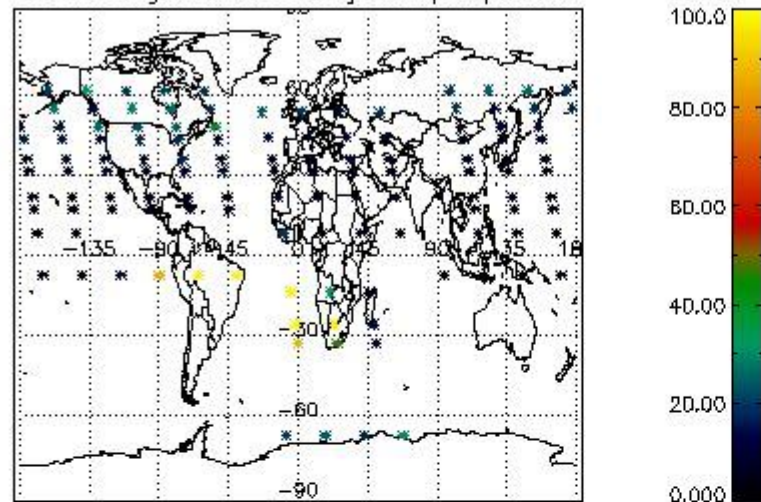
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



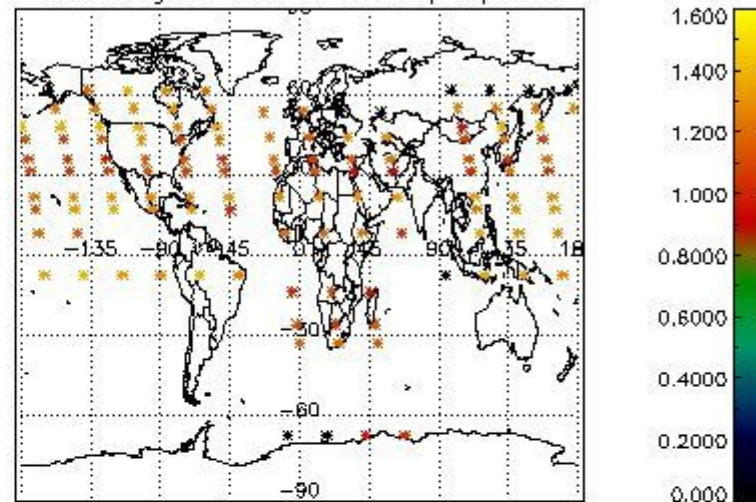
4.2 Plot quality information per product coming from level 1b processing (world map)

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

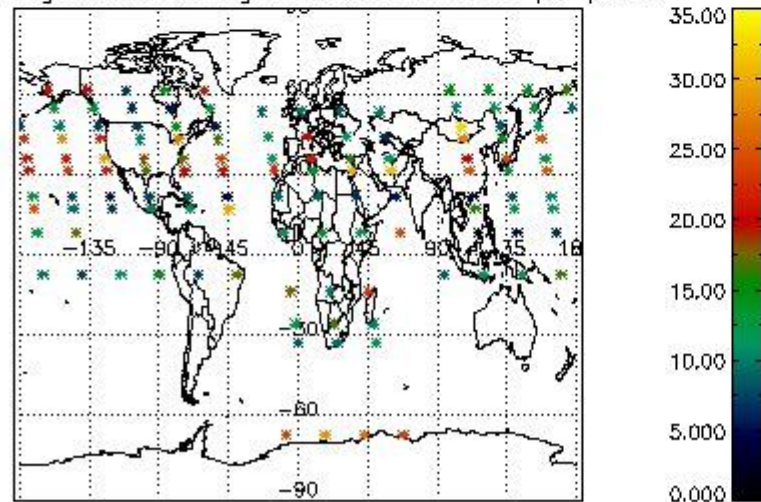
Percentage of cosmic ray hits per profile



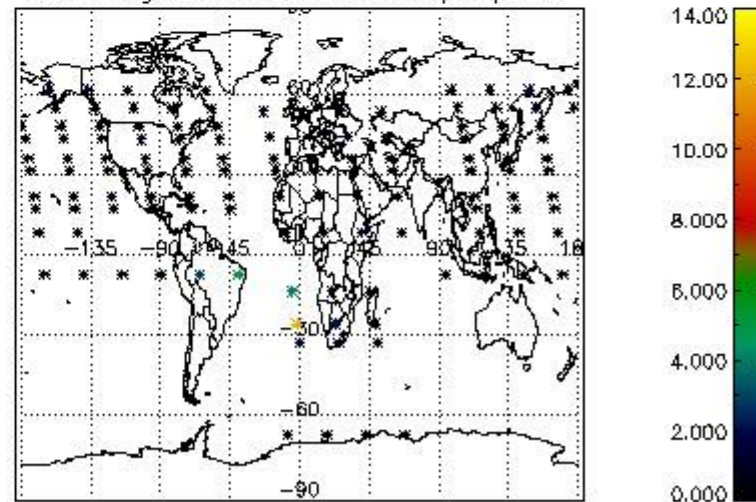
Percentage of datation errors per profile



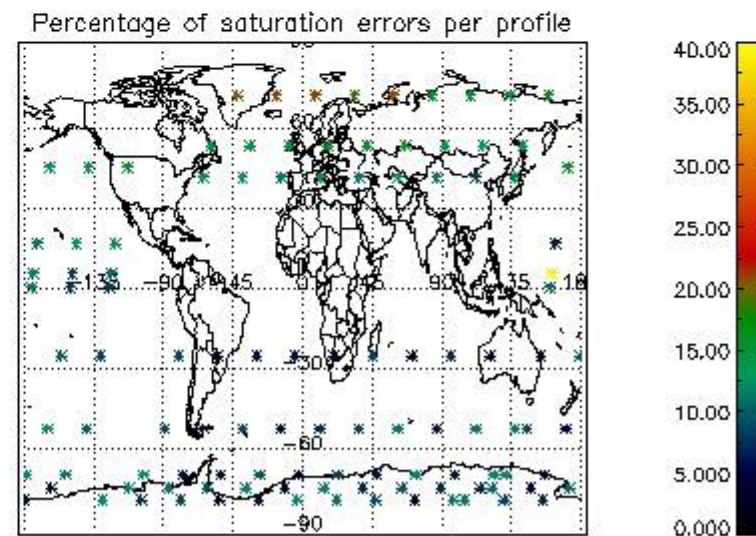
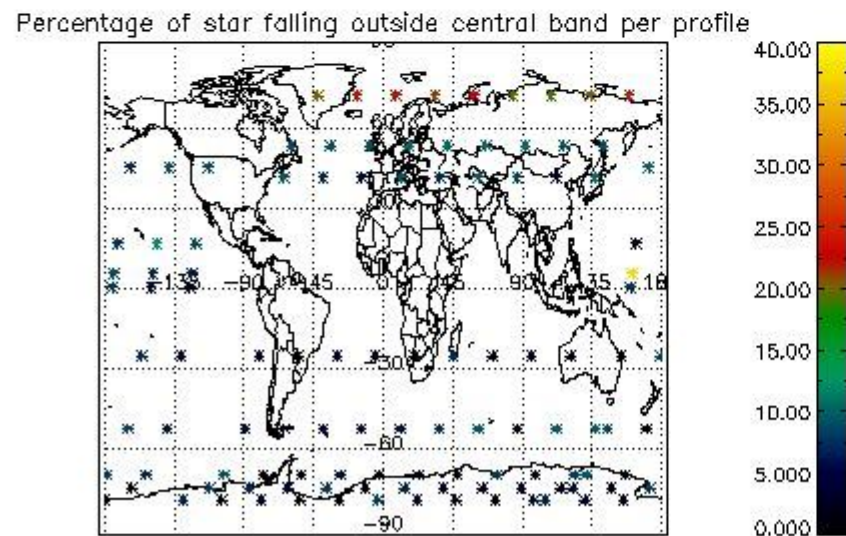
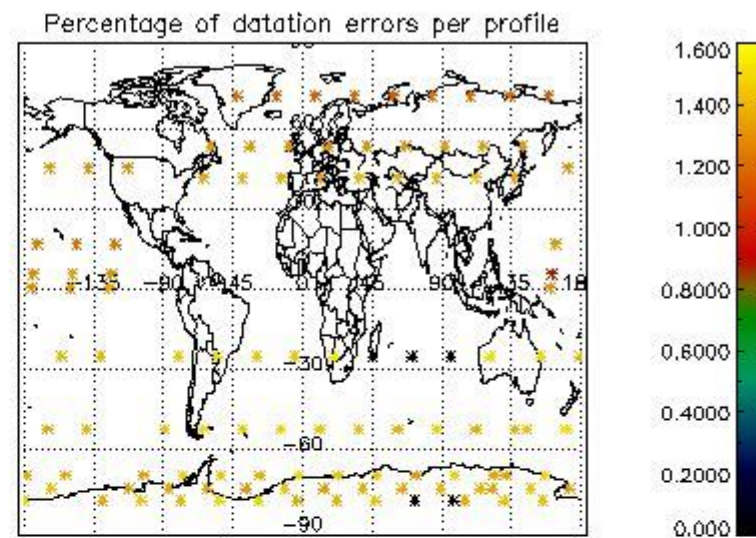
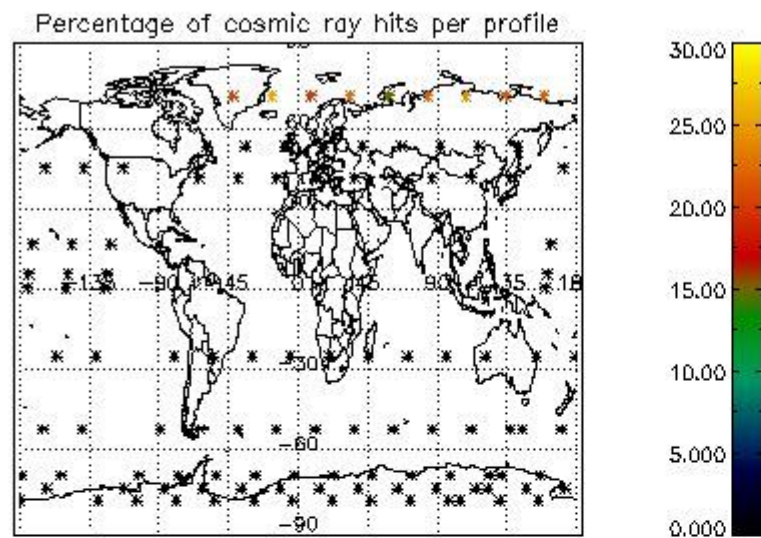
Percentage of star falling outside central band per profile



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

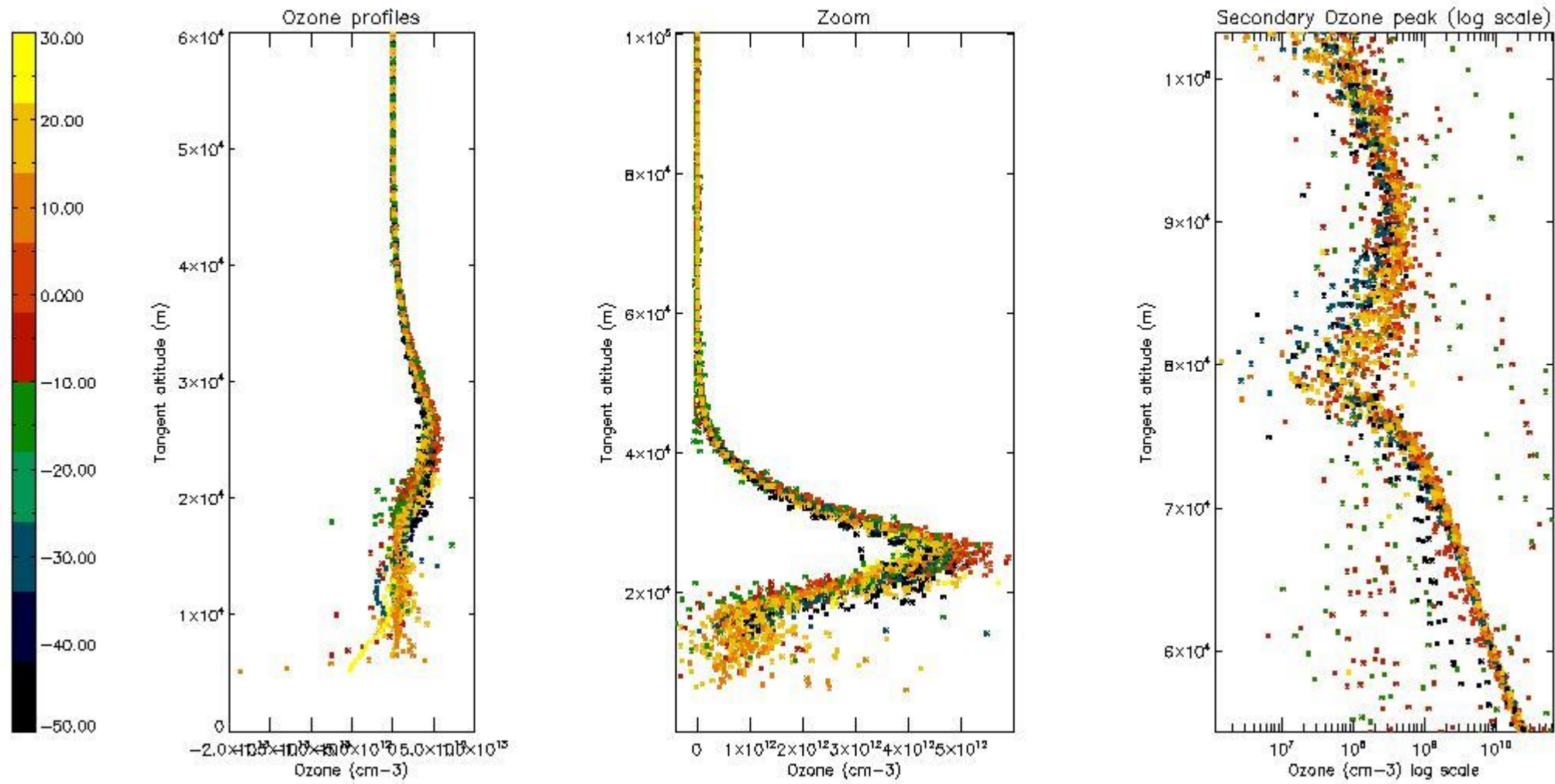
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	27

STD < 10	22
STD < 5	16

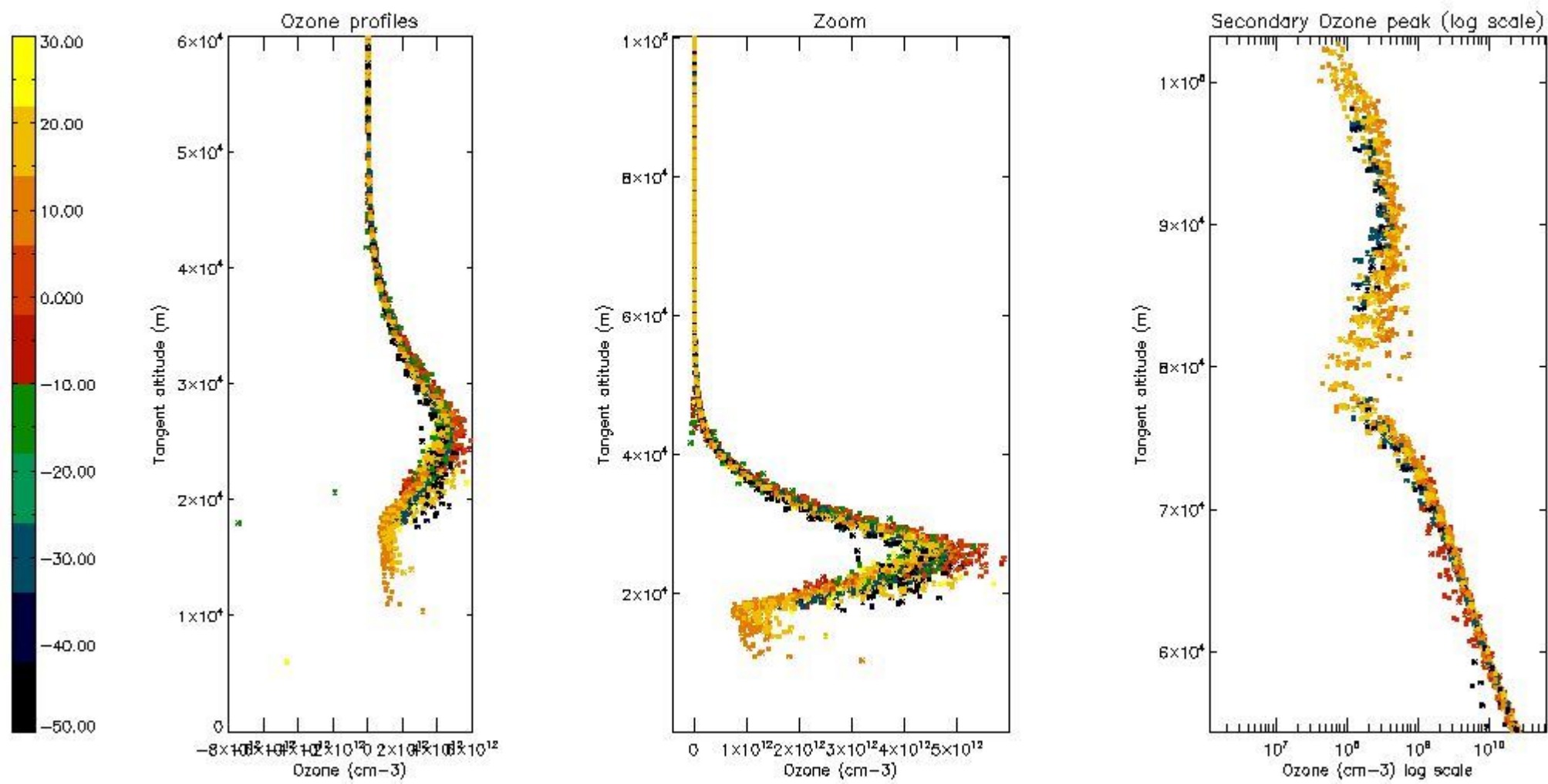
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



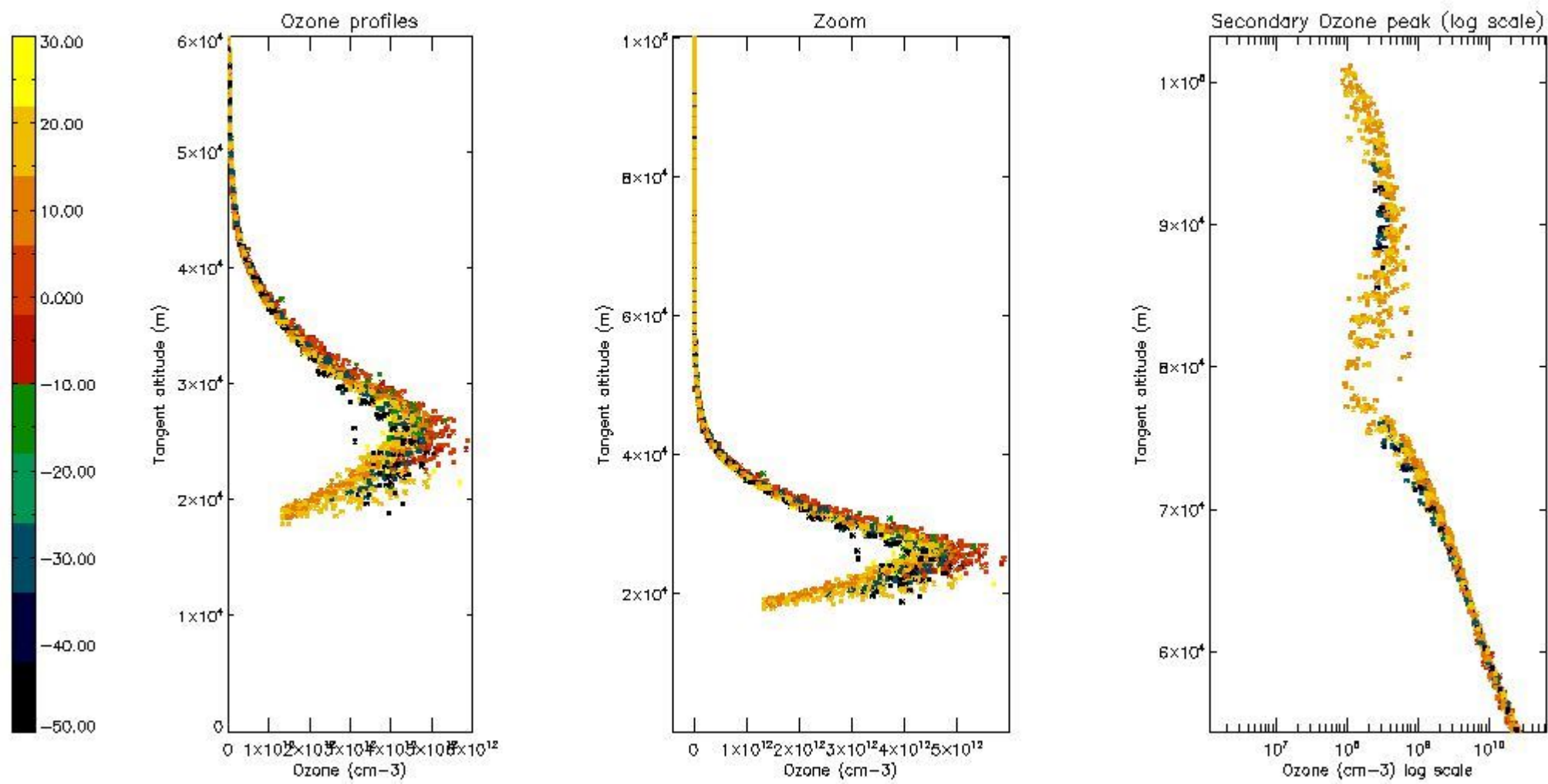
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



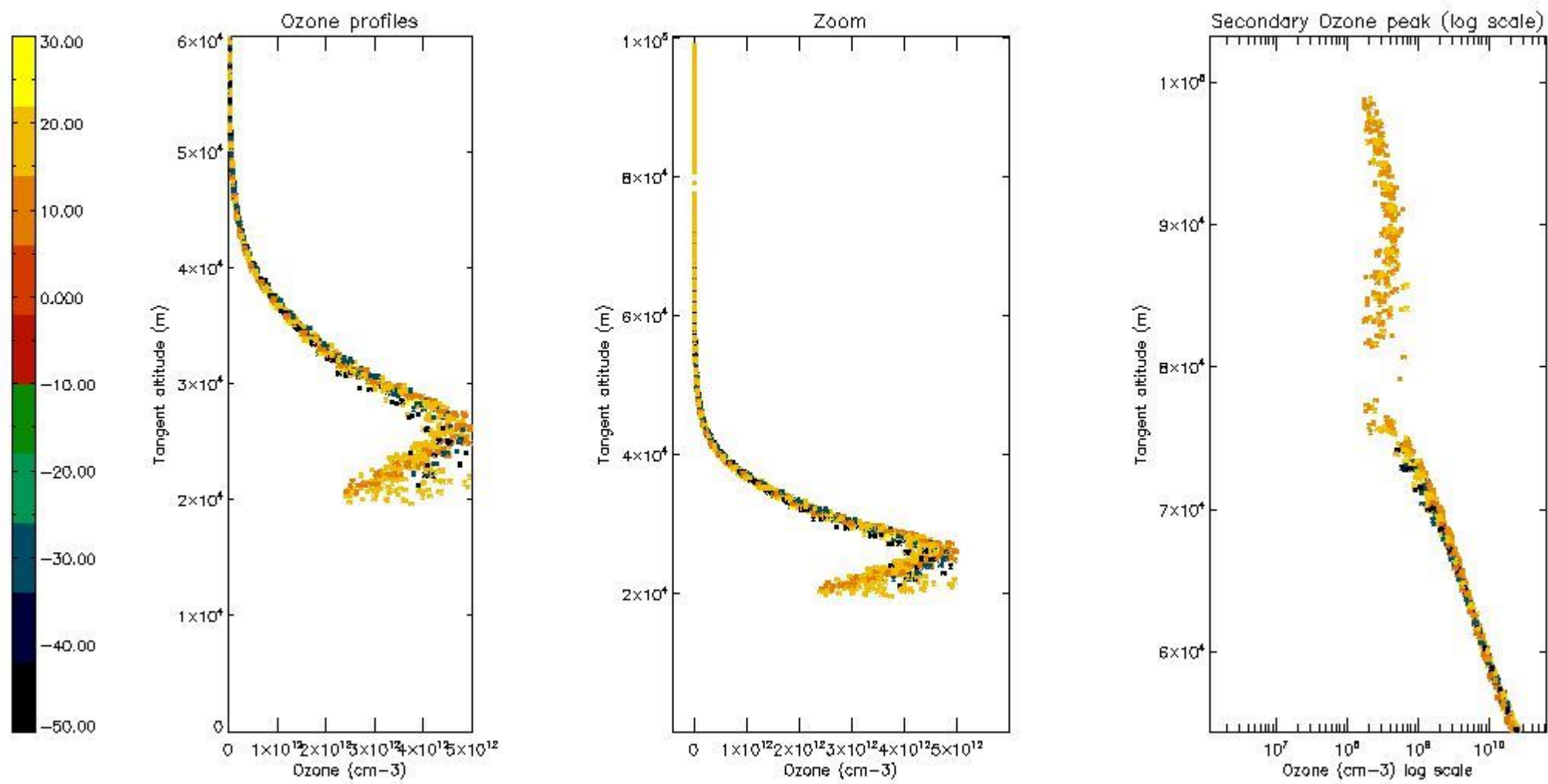
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



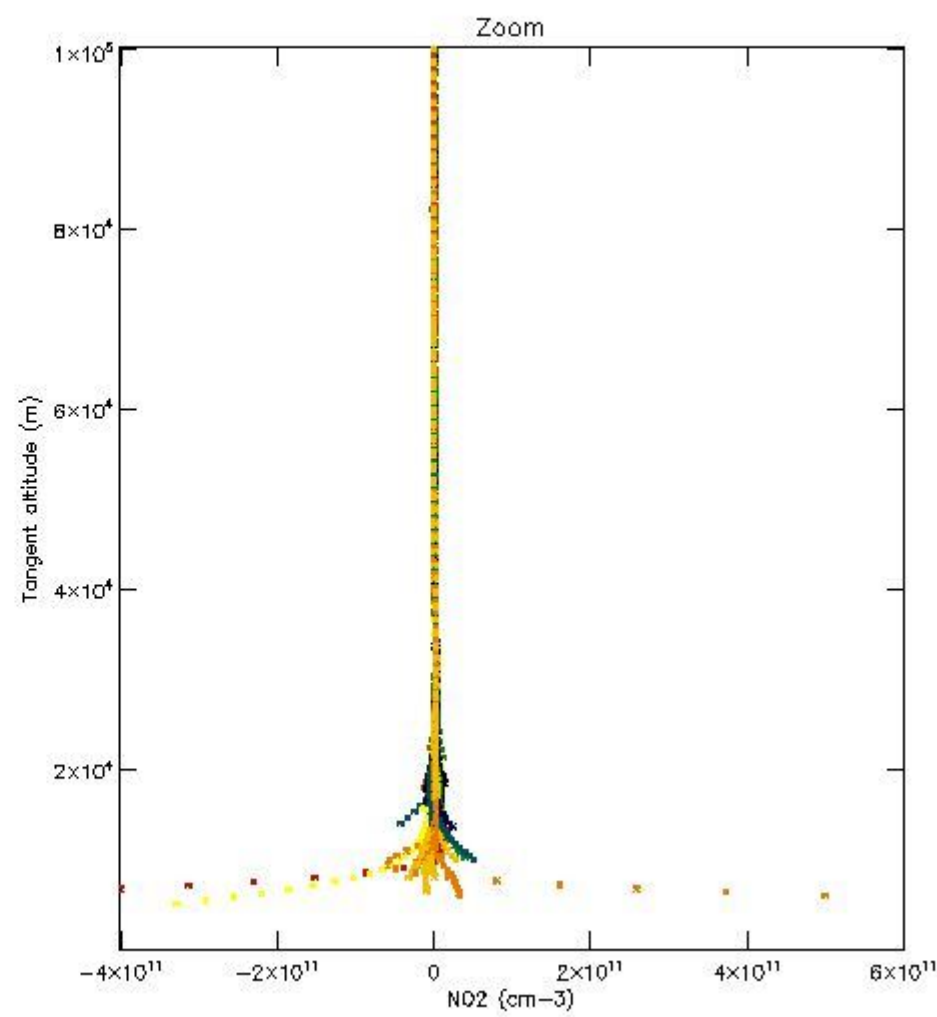
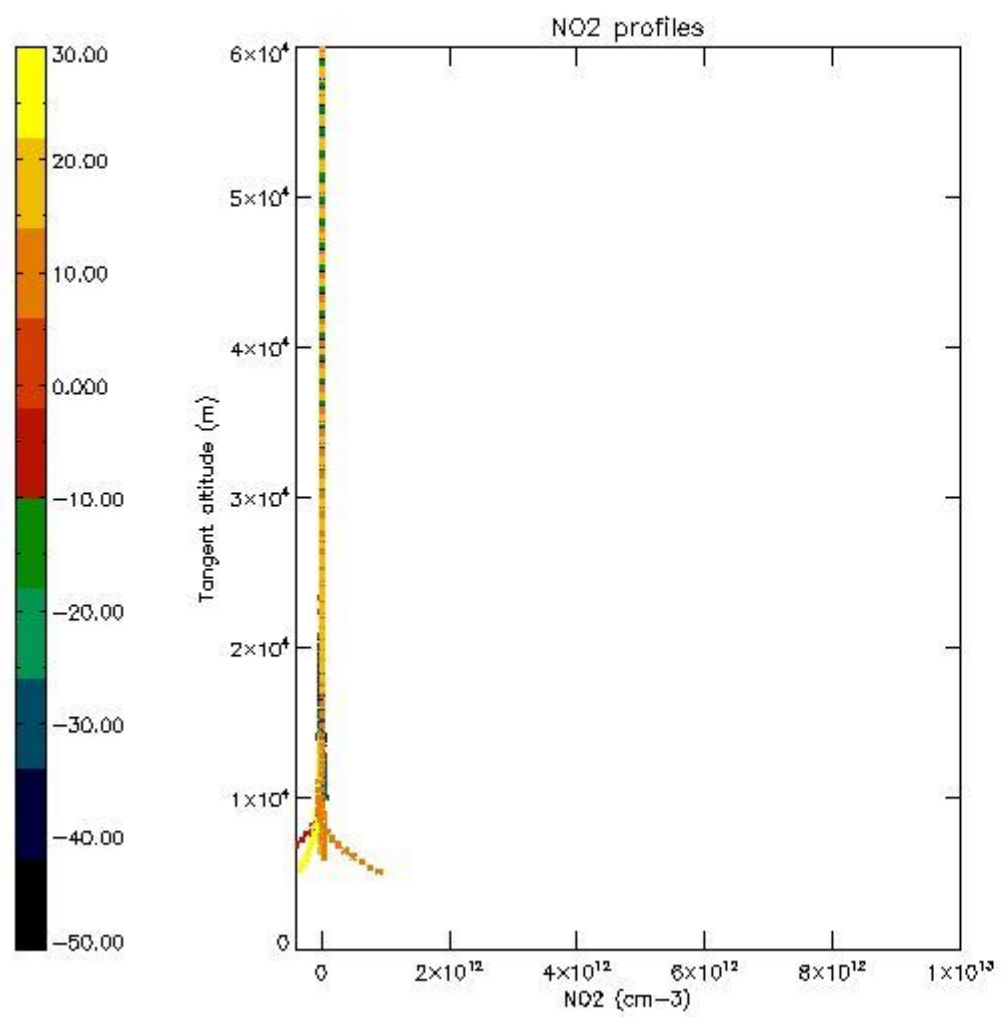
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



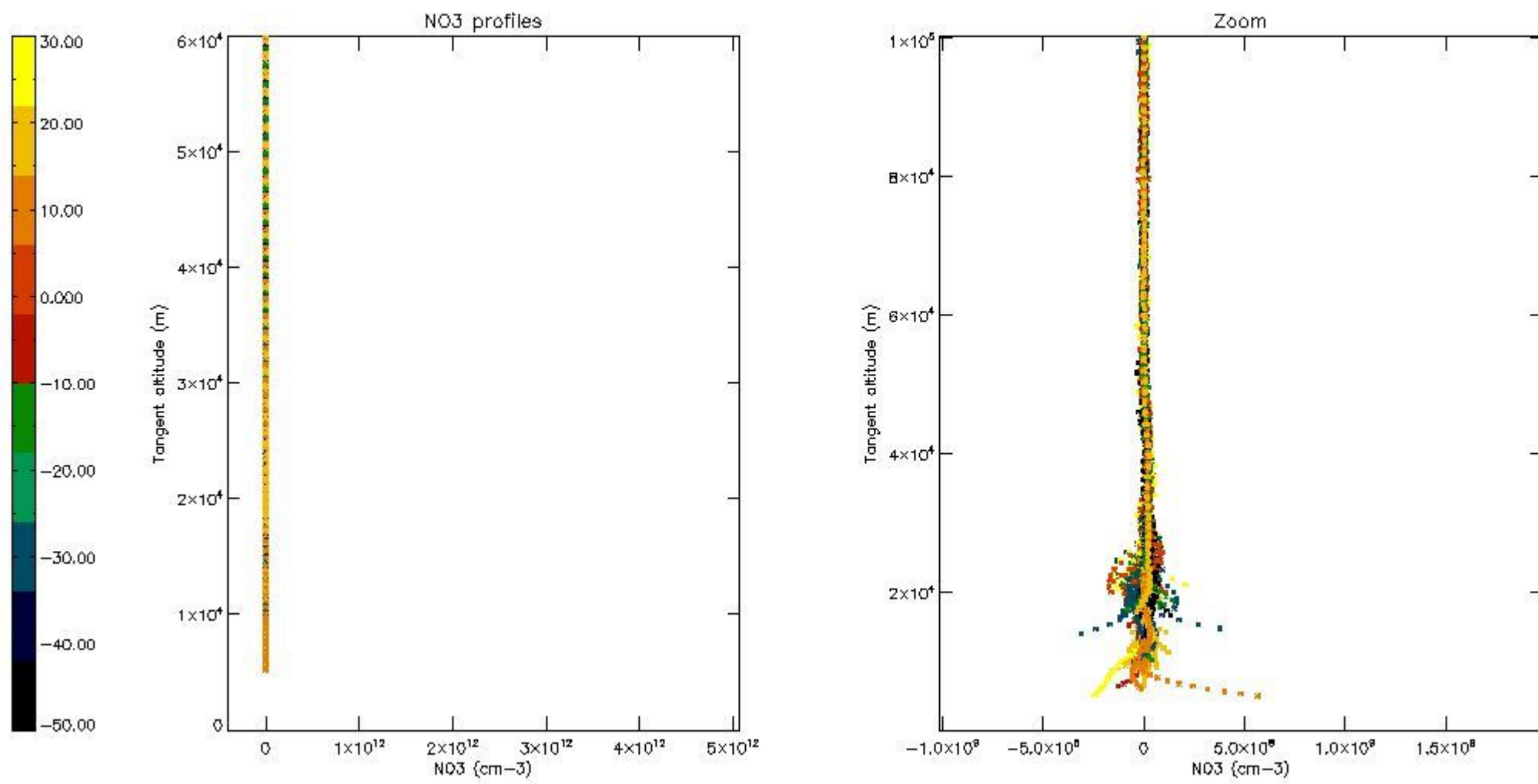
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



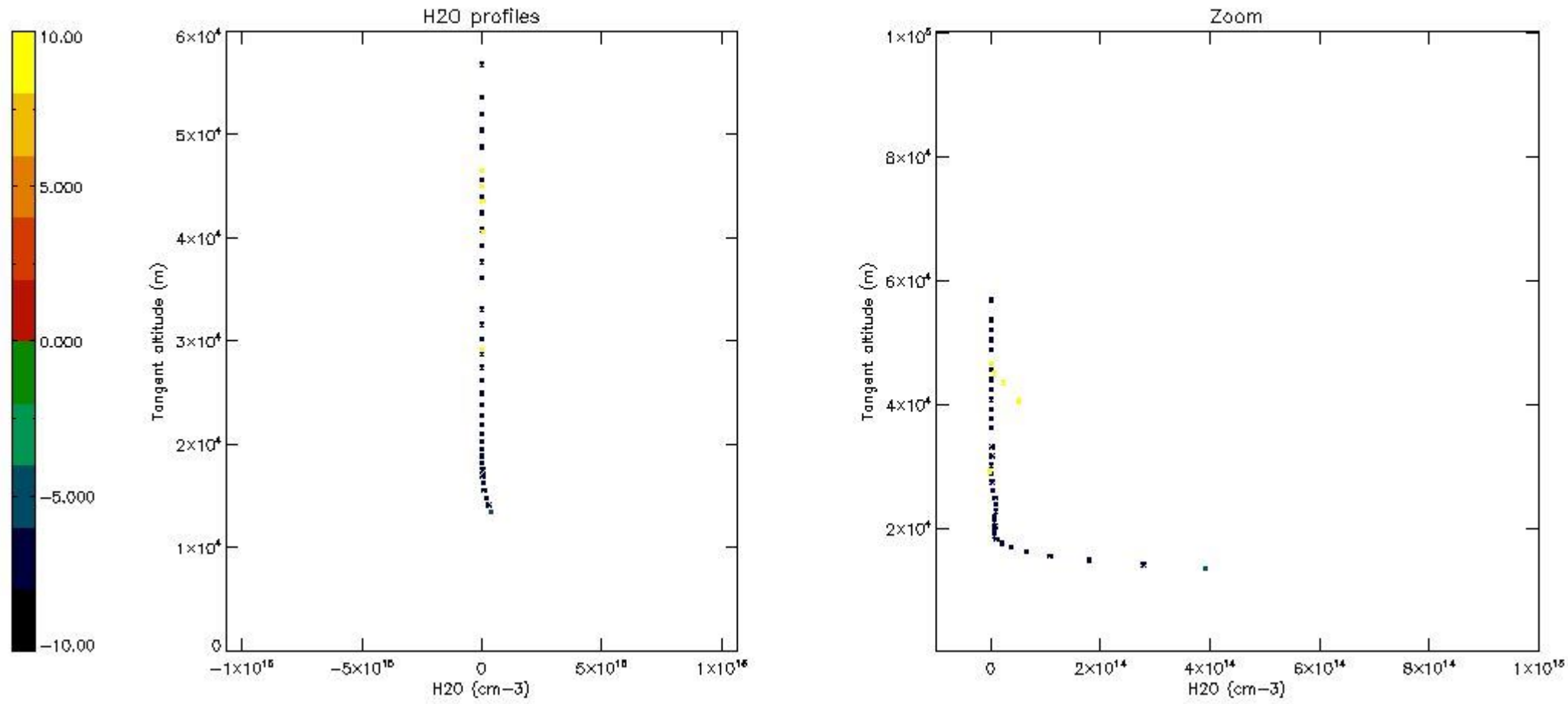
5.7 Plot NO3 profiles for all STD (dark without errors)

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	12-MAR-2006 00:07:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-MAR-2006 00:07:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-MAR-2006 00:07:43

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

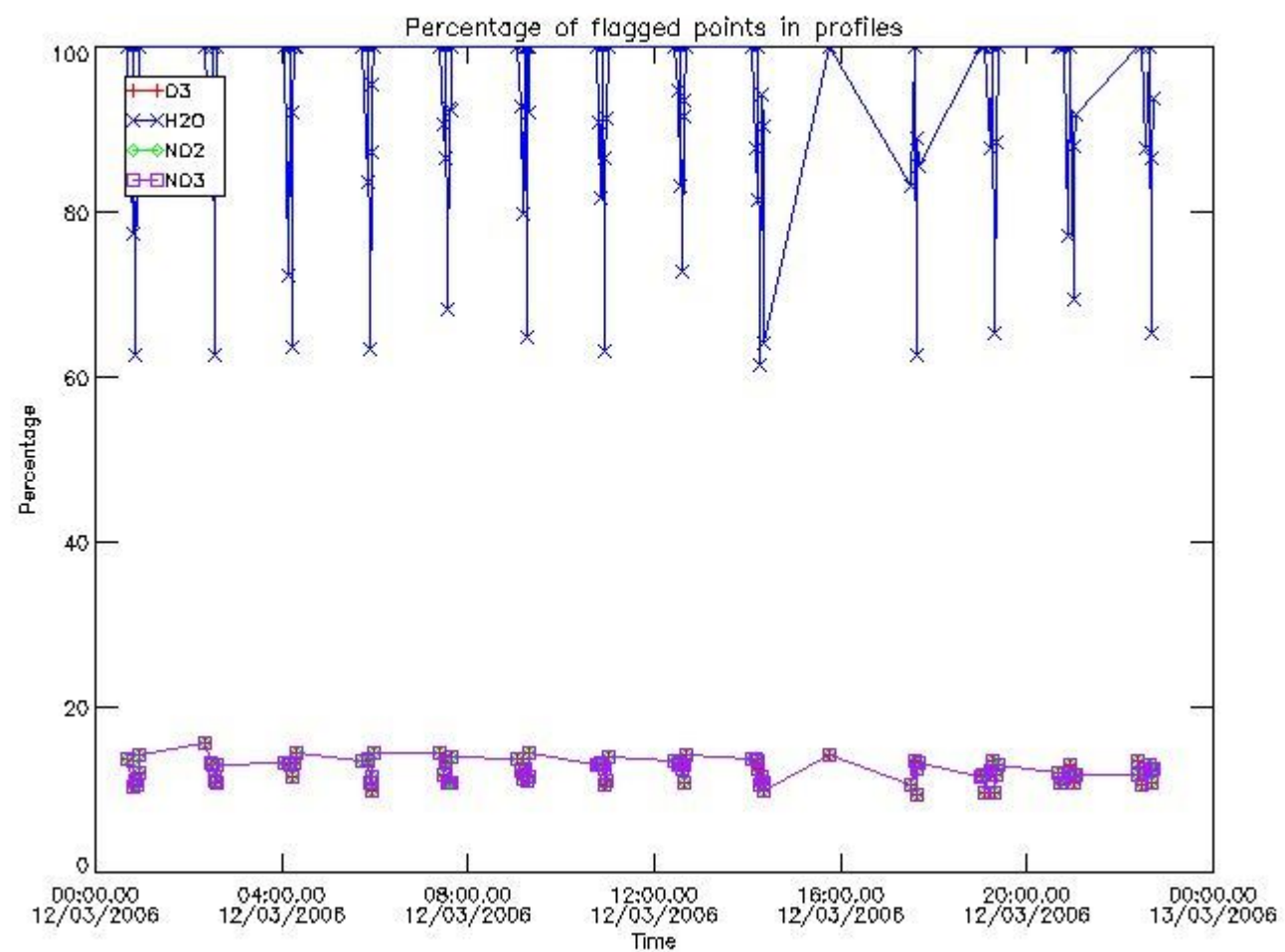
[6. Auxiliary Data Files used for the production reported in section 2](#)

220	GOM_NL__2PRFIN20060312_222715_000000492045_00487_21082_8194.N1	12-MAR-2006 22:27:15	Dark	48.500	38	20Eps Sgr	1.8360	11000.	97	21082	No
221	GOM_NL__2PRFIN20060312_223327_000000412045_00488_21083_8176.N1	12-MAR-2006 22:33:27	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	21083	No
222	GOM_NL__2PRFIN20060312_223715_000000392045_00488_21083_8177.N1	12-MAR-2006 22:37:15	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	21083	No
223	GOM_NL__2PRFIN20060312_223958_000000472045_00488_21083_8178.N1	12-MAR-2006 22:39:58	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	21083	No
224	GOM_NL__2PRFIN20060312_224113_000000412045_00488_21083_8179.N1	12-MAR-2006 22:41:13	Dark	41.000	10	Bet Cen	0.61000	28000.	82	21083	No
225	GOM_NL__2PRFIN20060312_224333_000000412045_00488_21083_8180.N1	12-MAR-2006 22:43:33	Dark	40.500	20	Bet Cru	1.2530	30000.	81	21083	No
226	GOM_NL__2PRFIN20060312_224612_000000412045_00488_21083_8181.N1	12-MAR-2006 22:46:12	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	21083	No
227	GOM_NL__2PRFIN20060312_230835_000000392045_00488_21083_8182.N1	12-MAR-2006 23:08:35	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	21083	No
228	GOM_NL__2PRFIN20060312_231636_000000382045_00488_21083_8183.N1	12-MAR-2006 23:16:36	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	21083	No
229	GOM_NL__2PRFIN20060312_231943_000000572045_00488_21083_8184.N1	12-MAR-2006 23:19:43	Bright	57.000	82	48Bet UMa	2.3650	10600.	114	21083	No
230	GOM_NL__2PRFIN20060312_232111_000000392045_00488_21083_8185.N1	12-MAR-2006 23:21:11	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	21083	No
231	GOM_NL__2PRFIN20060312_232822_000000342045_00488_21083_8186.N1	12-MAR-2006 23:28:22	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	21083	No
232	GOM_NL__2PRFIN20060312_233607_000000352045_00488_21083_8187.N1	12-MAR-2006 23:36:07	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	21083	No
233	GOM_NL__2PRFIN20060312_234113_000000372045_00488_21083_8188.N1	12-MAR-2006 23:41:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	21083	No
234	GOM_NL__2PRFIN20060312_234247_000000372045_00488_21083_8189.N1	12-MAR-2006 23:42:47	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	21083	No
235	GOM_NL__2PRFIN20060312_234427_000000372045_00488_21083_8190.N1	12-MAR-2006 23:44:27	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	21083	No
236	GOM_NL__2PRFIN20060312_235235_000000492045_00488_21083_8191.N1	12-MAR-2006 23:52:35	Bright	48.500	11	53Alp Aql	0.76500	8000.0	97	21083	No

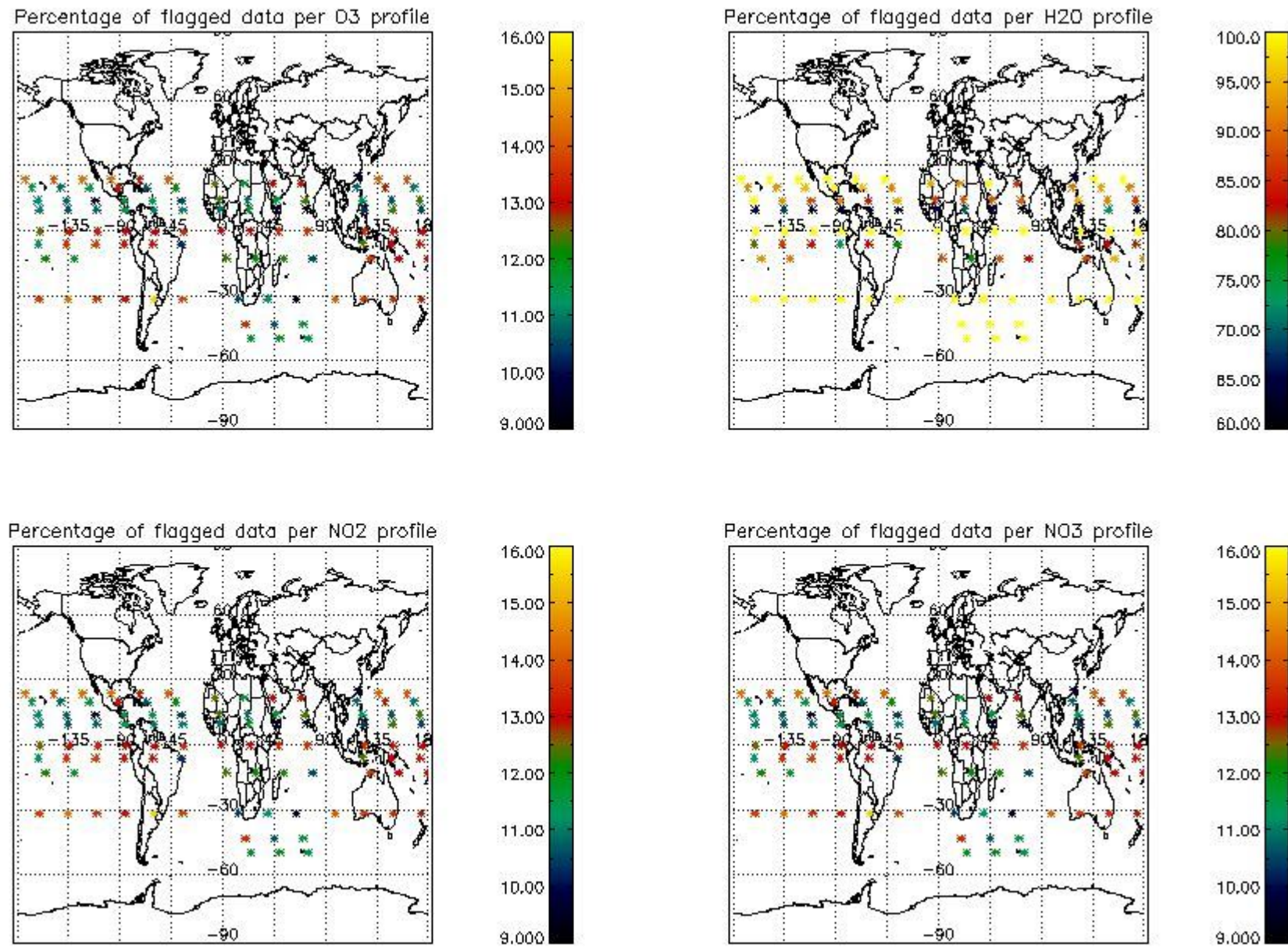
3. Quality information per product

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)

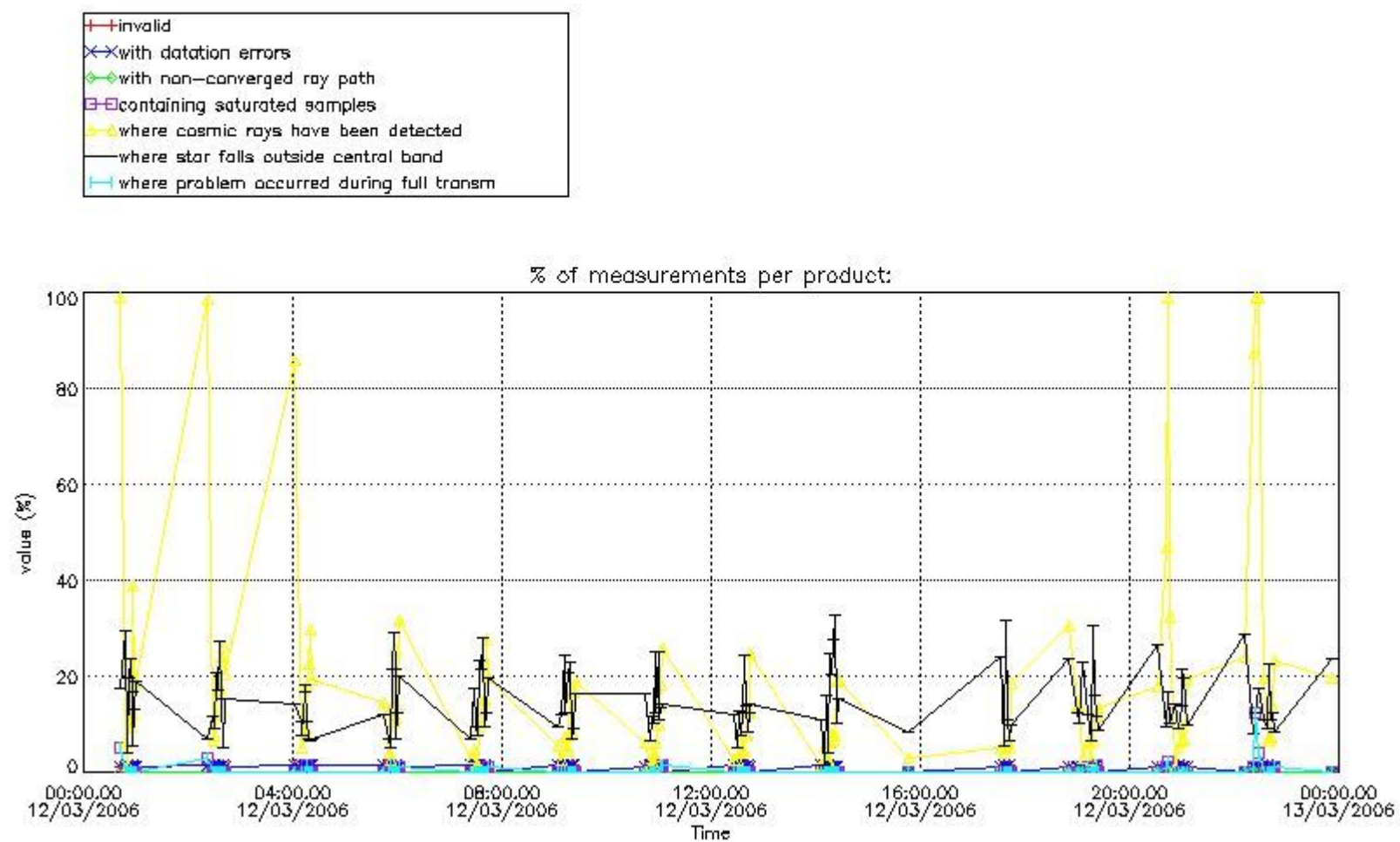


4. Level 1 quality information per product

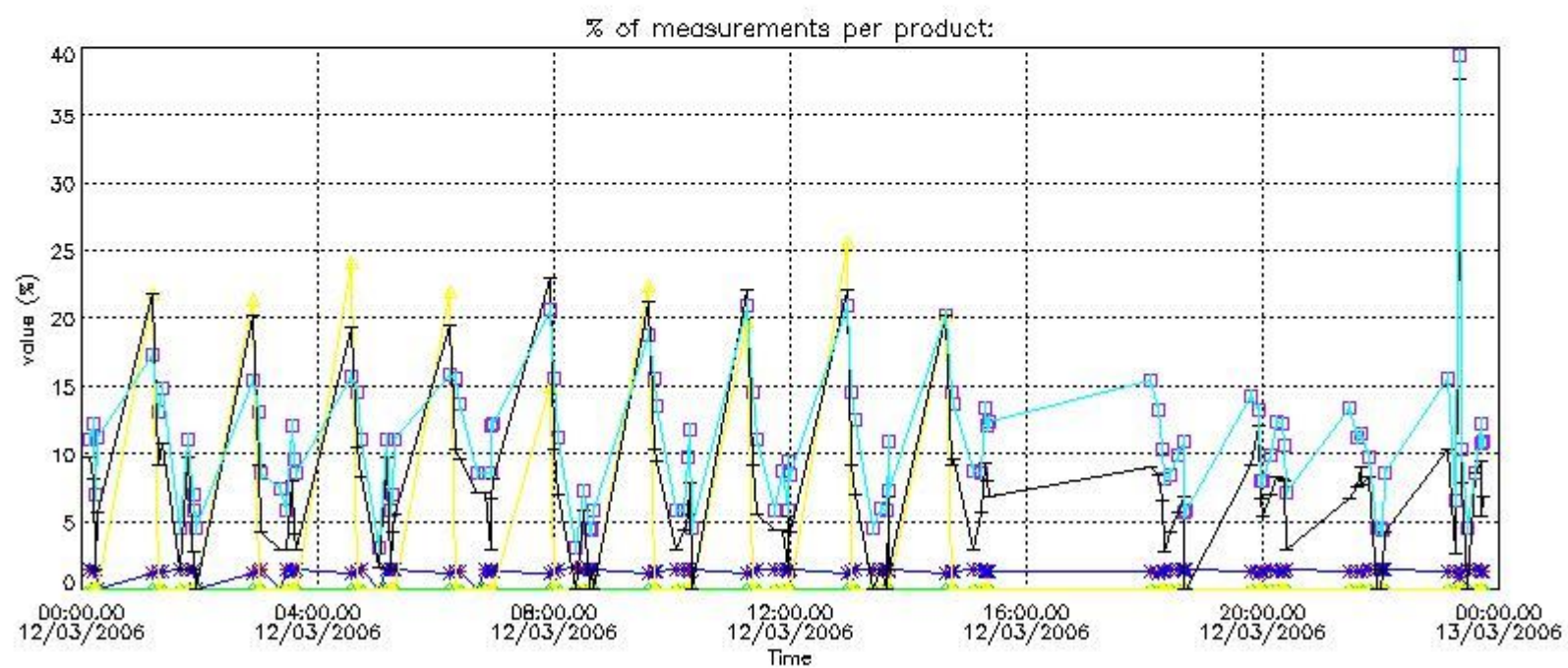
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



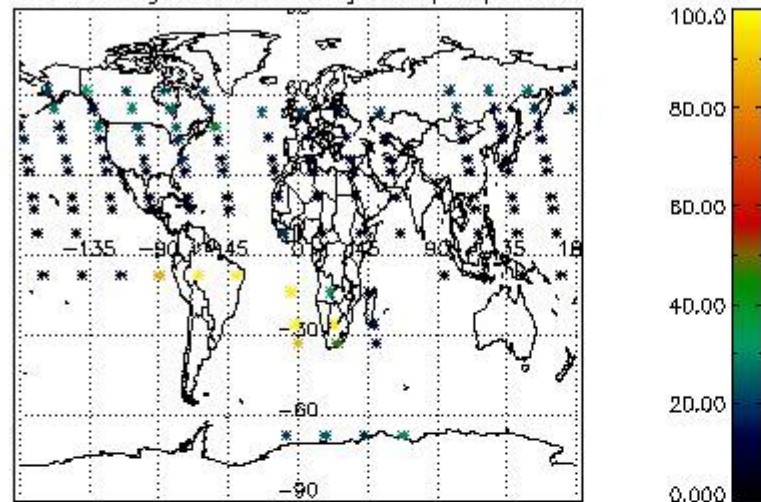
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



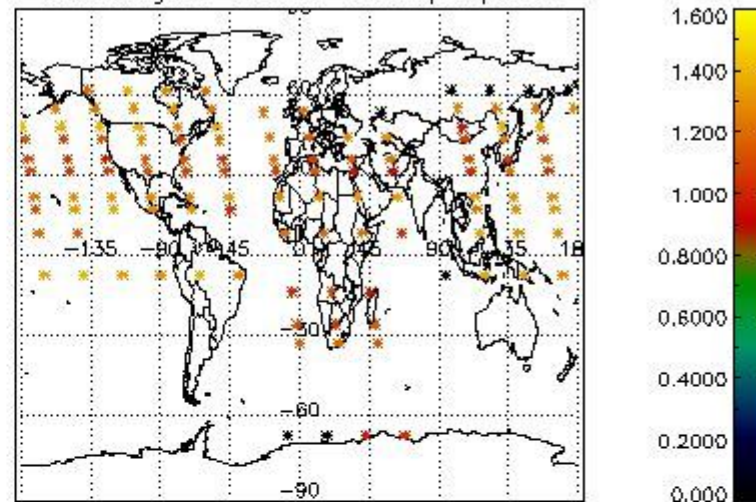
4.2 Plot quality information per product coming from level 1b processing (world map)

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

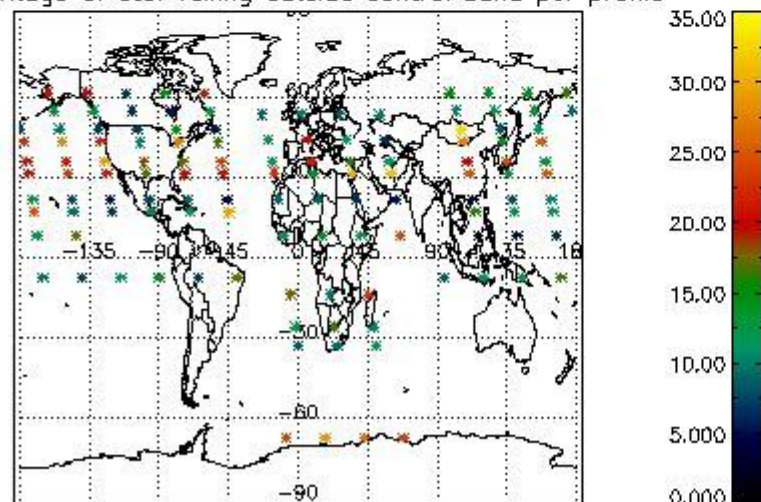
Percentage of cosmic ray hits per profile



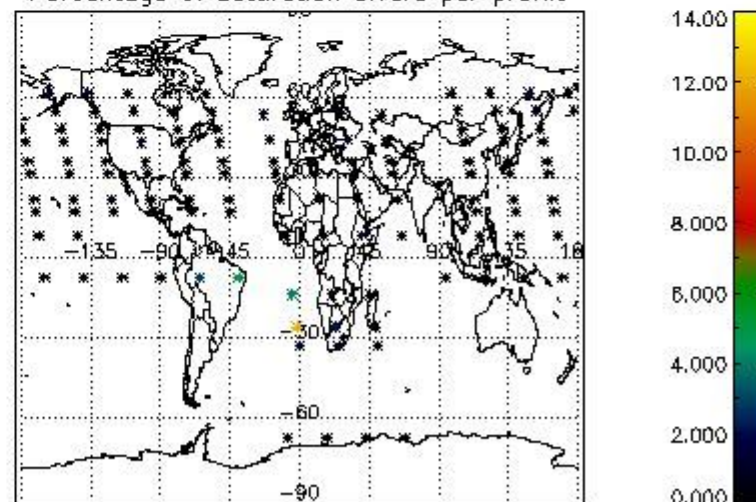
Percentage of datation errors per profile



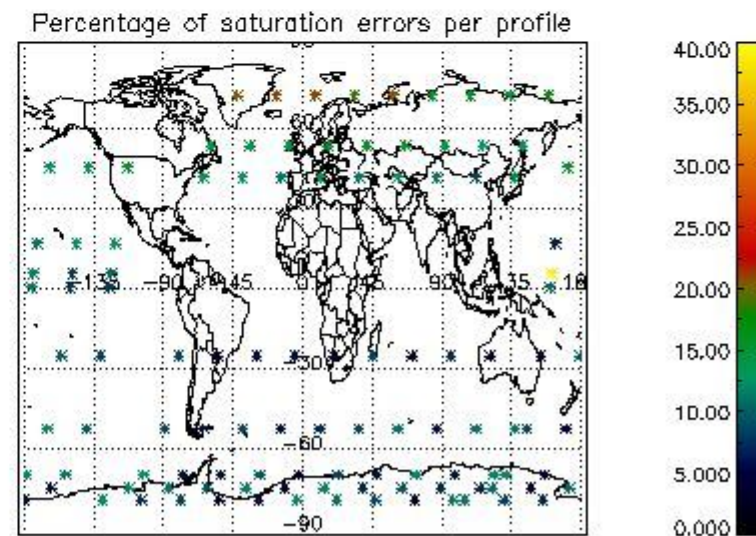
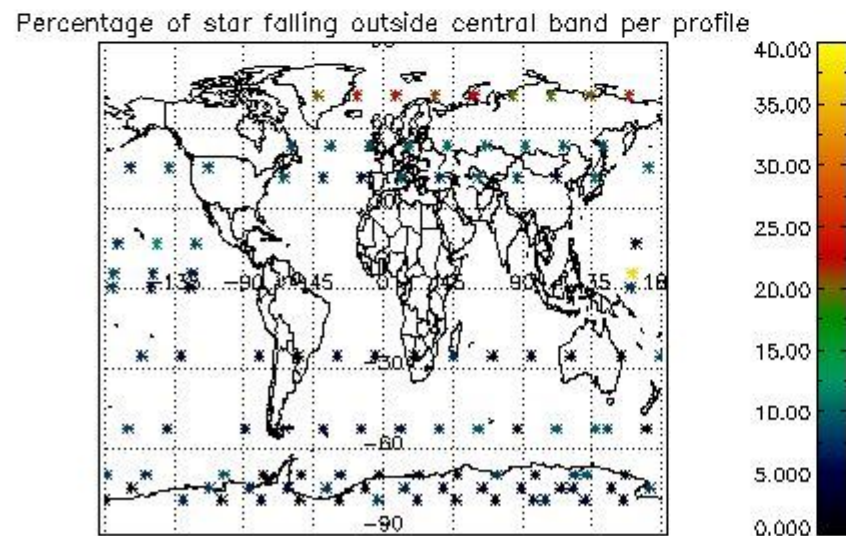
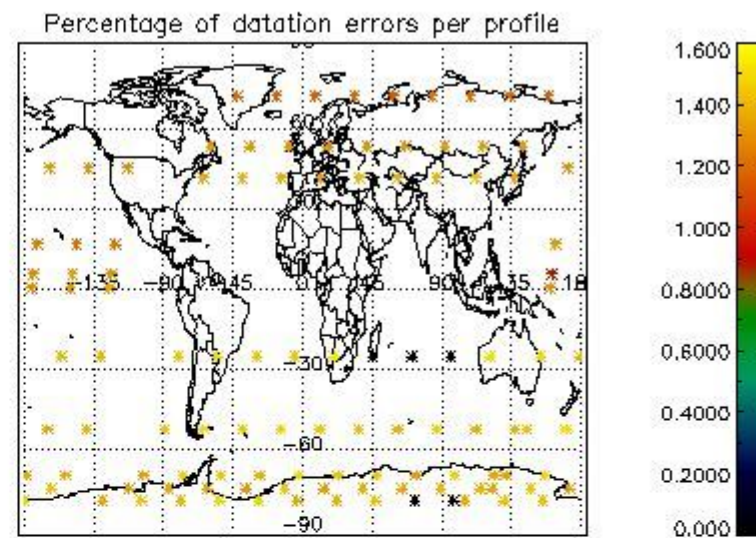
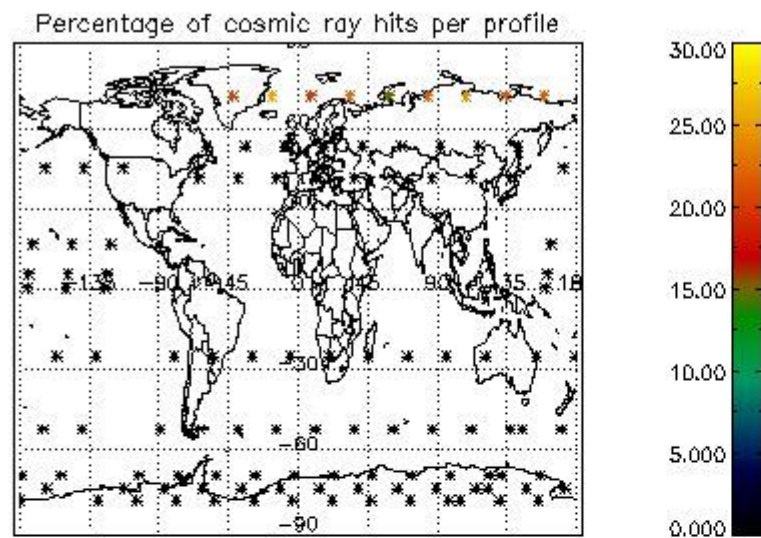
Percentage of star falling outside central band per profile



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

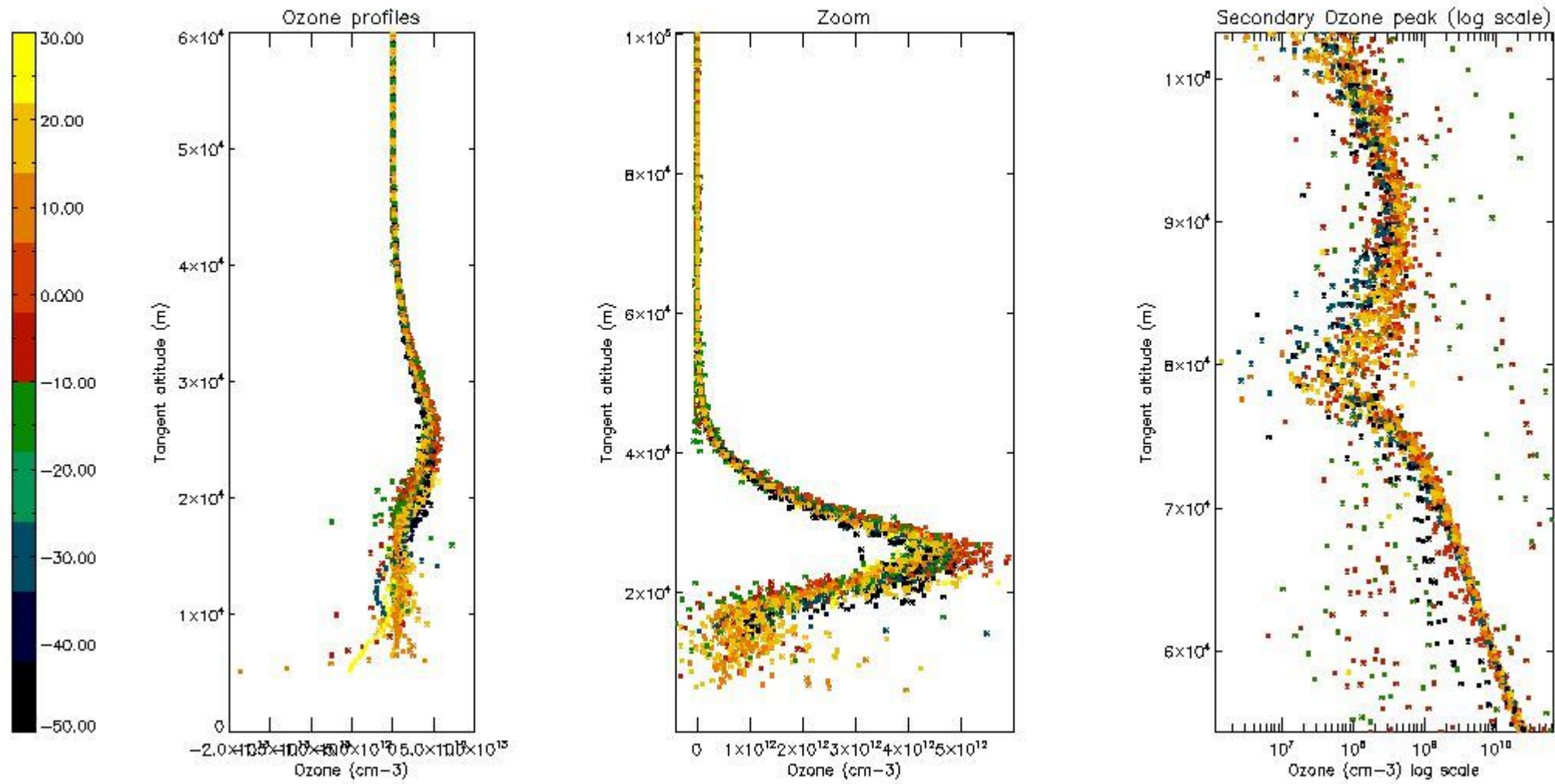
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	27

STD < 10	22
STD < 5	16

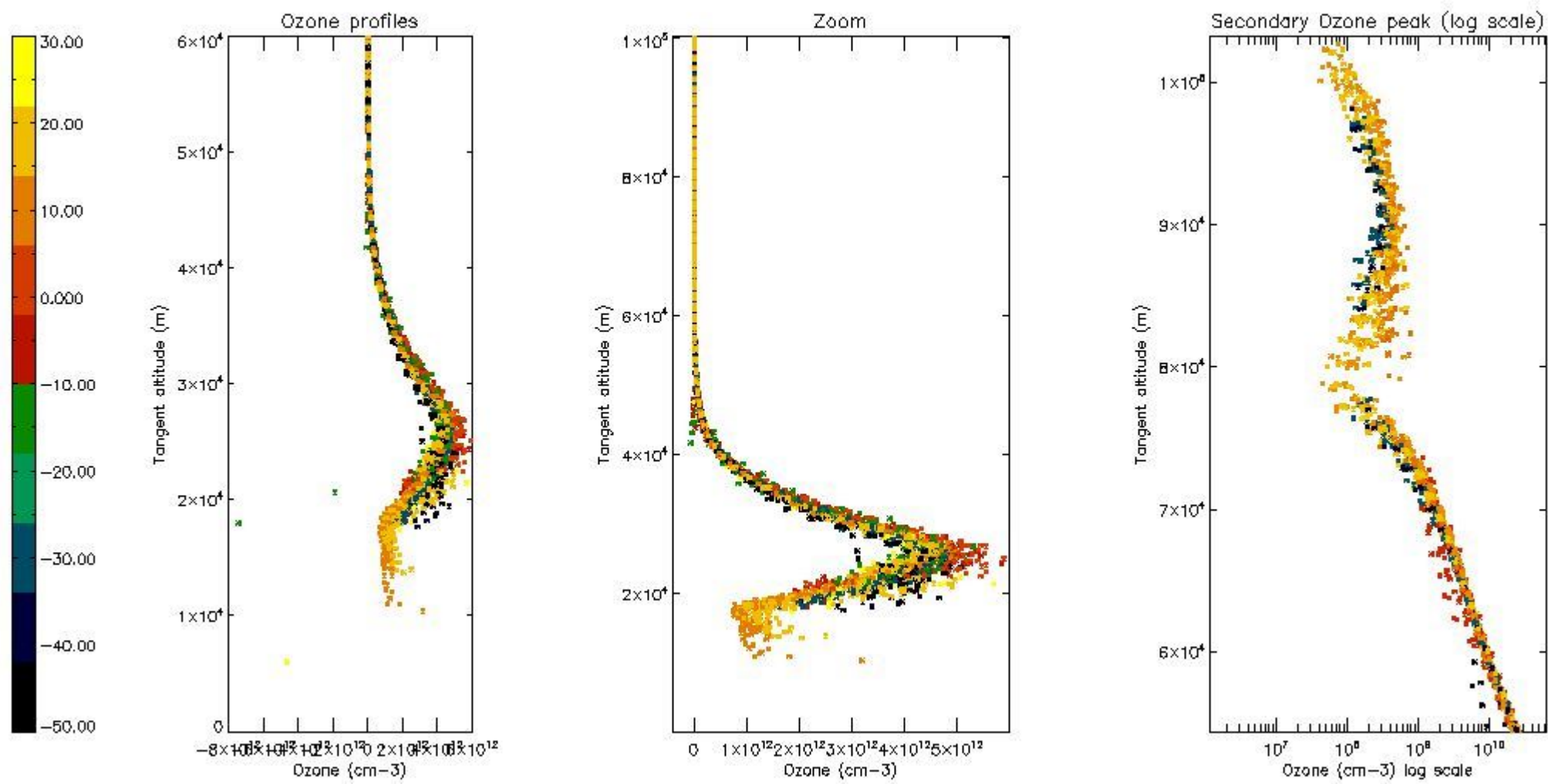
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



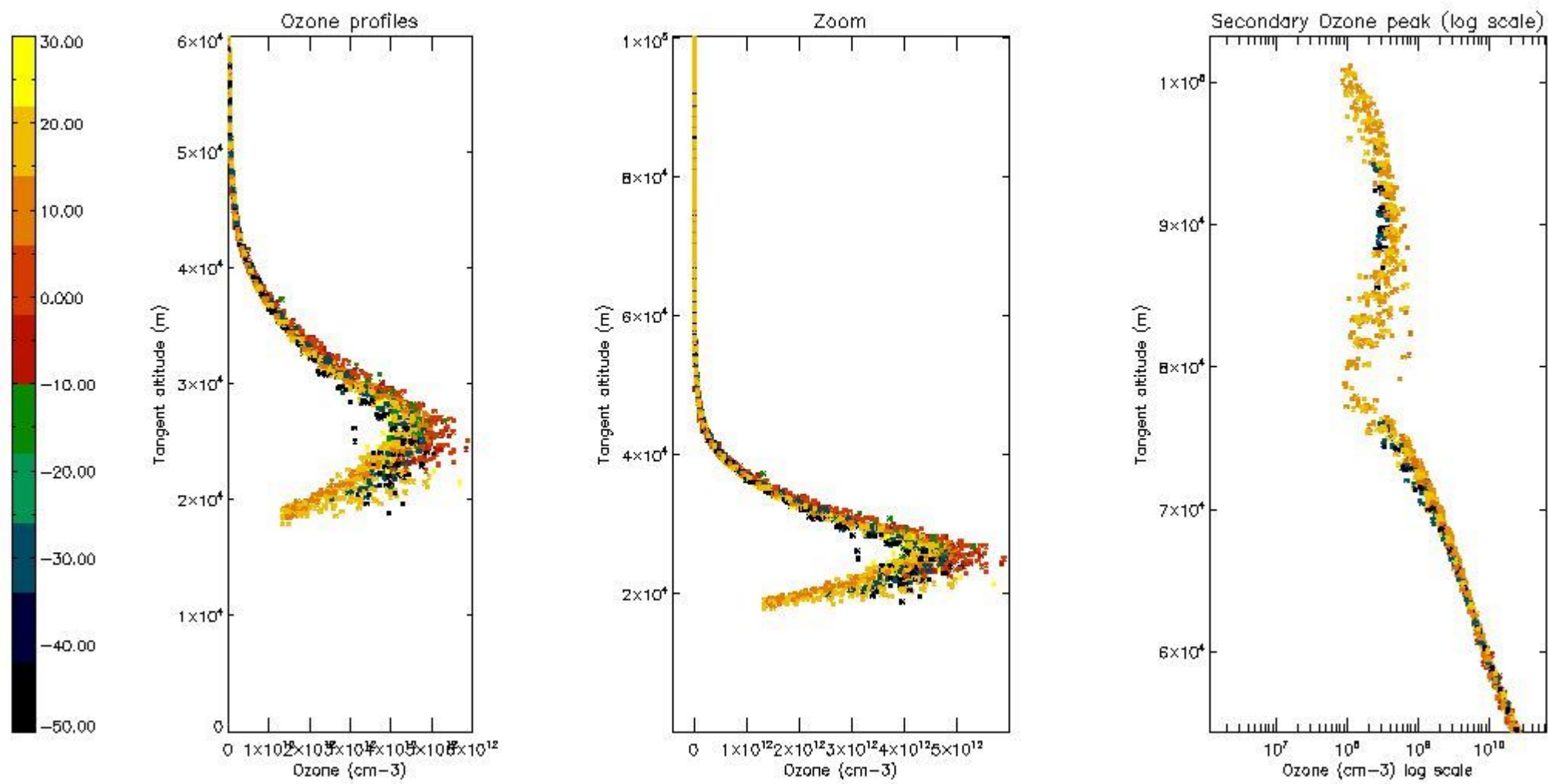
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



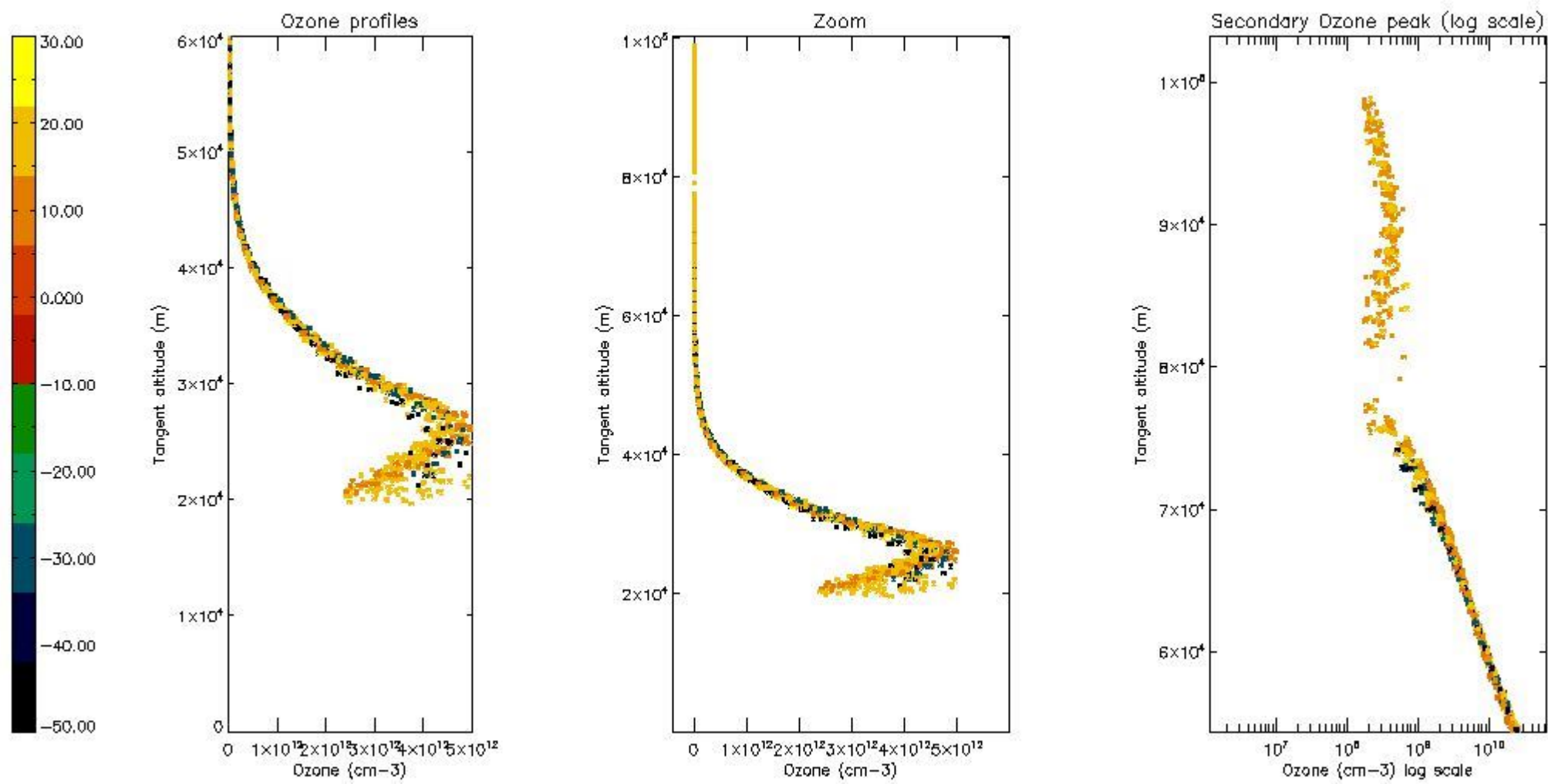
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



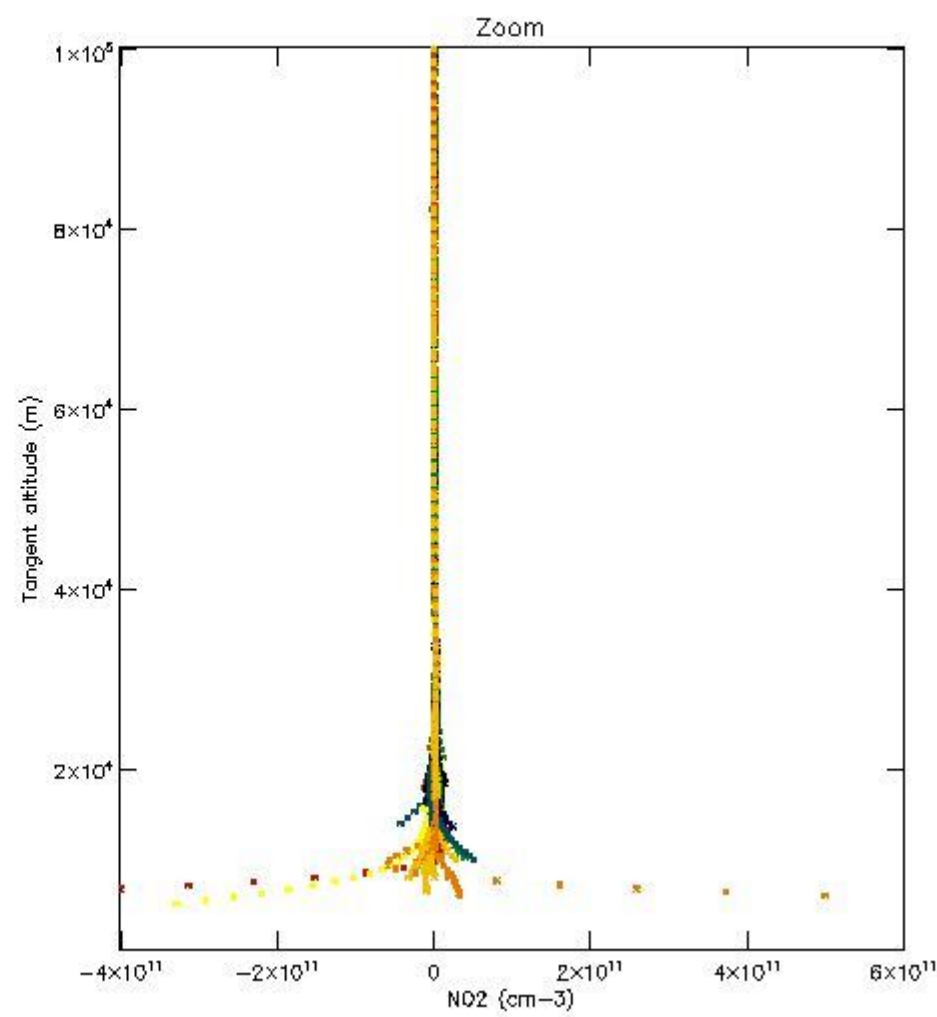
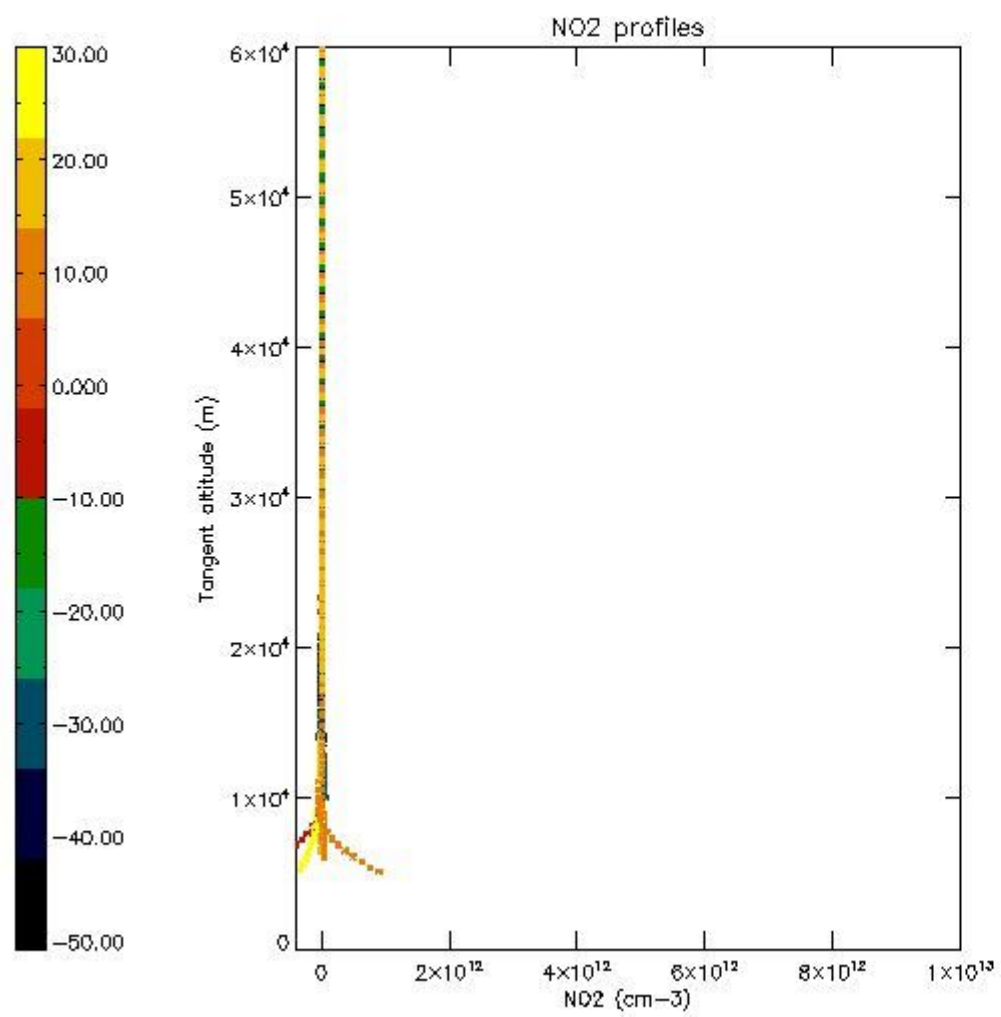
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



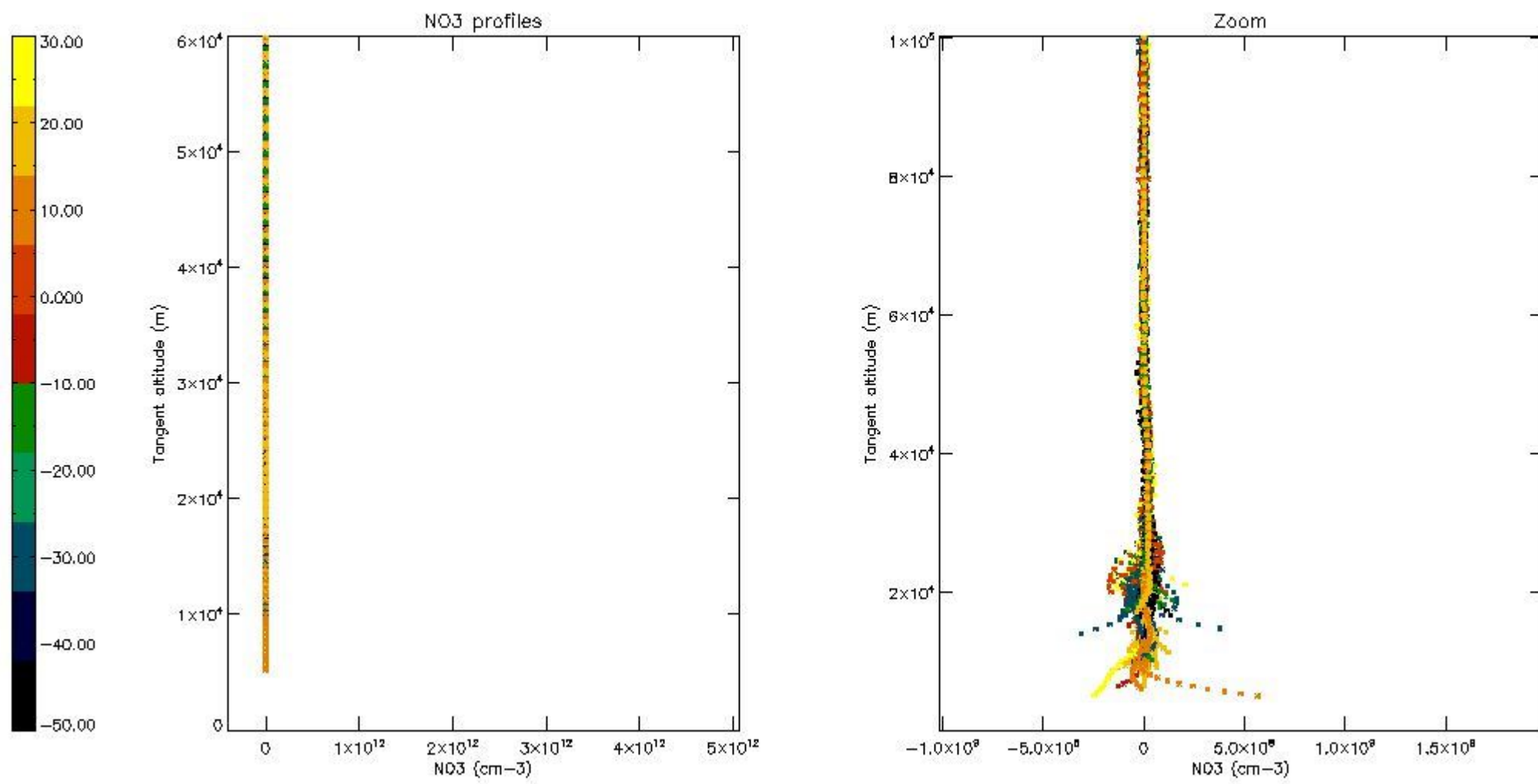
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



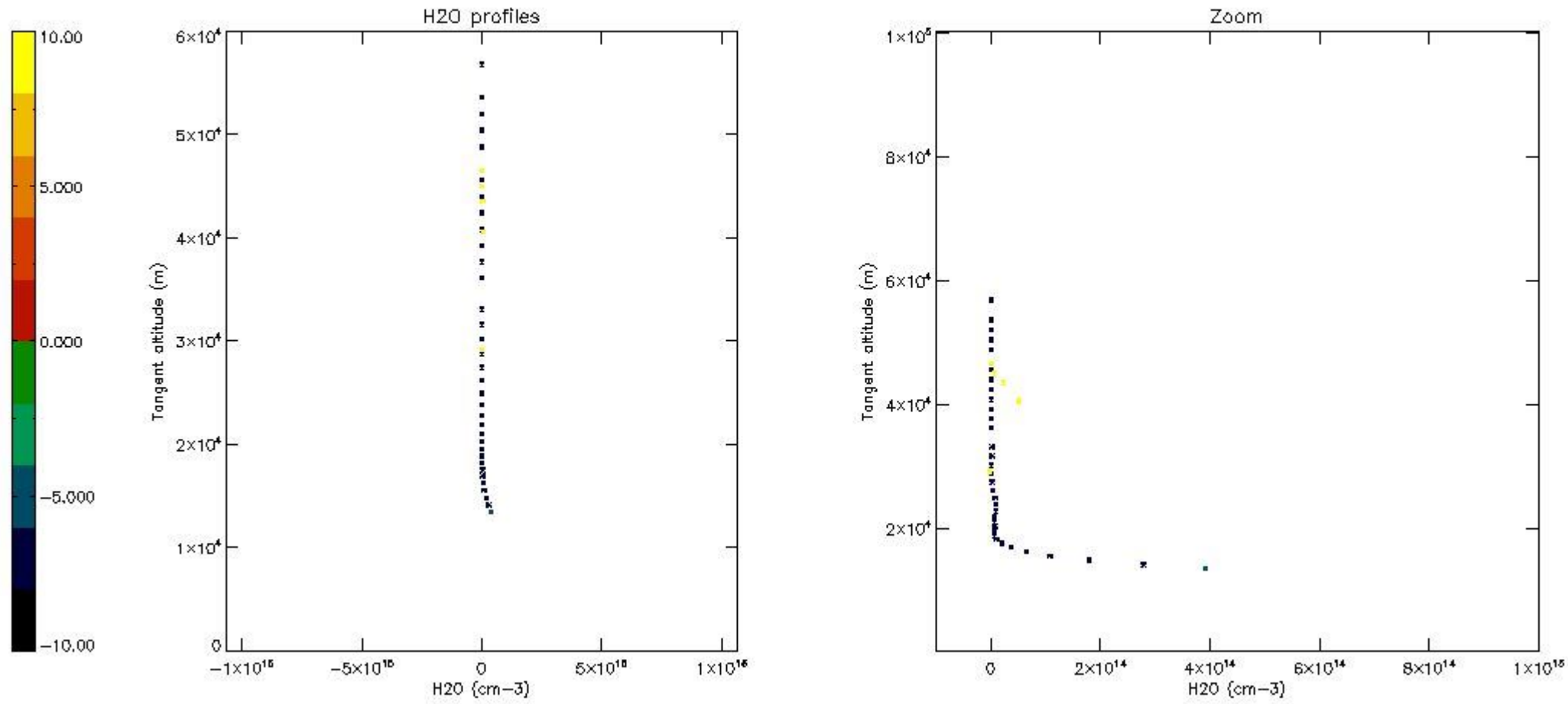
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

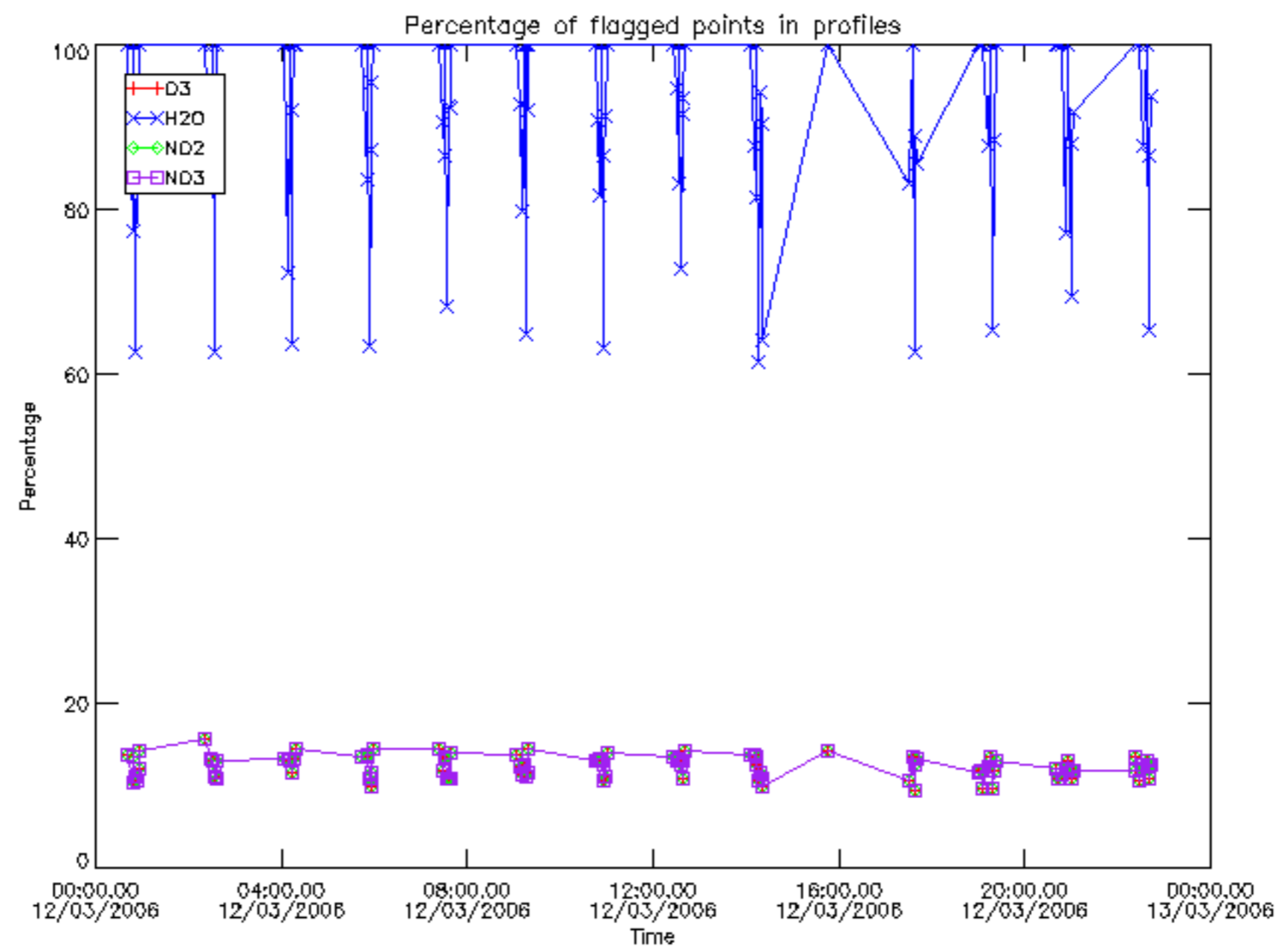
The colorbar represents the latitude.



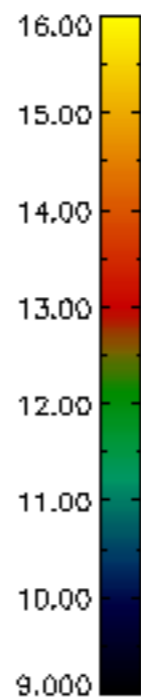
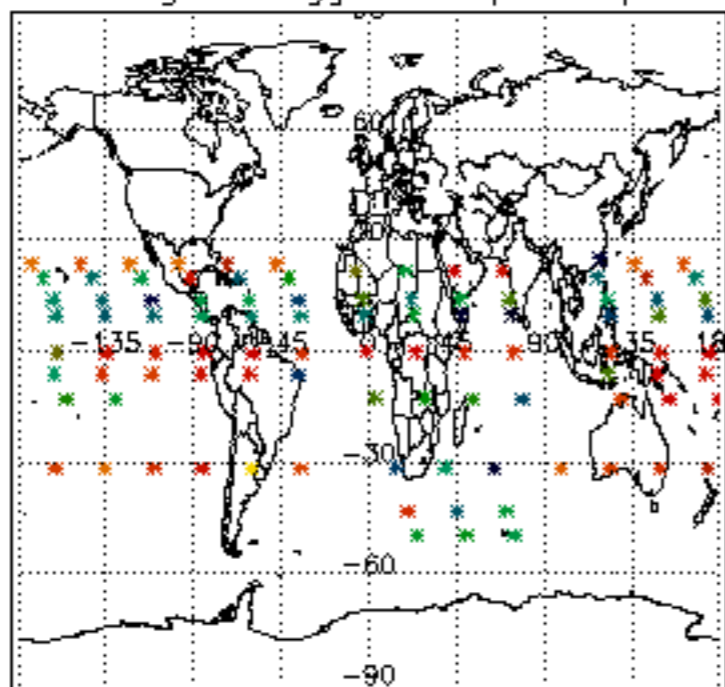
6. Auxiliary Data Files used for the production reported in section 2

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.

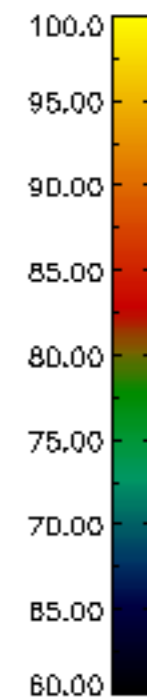
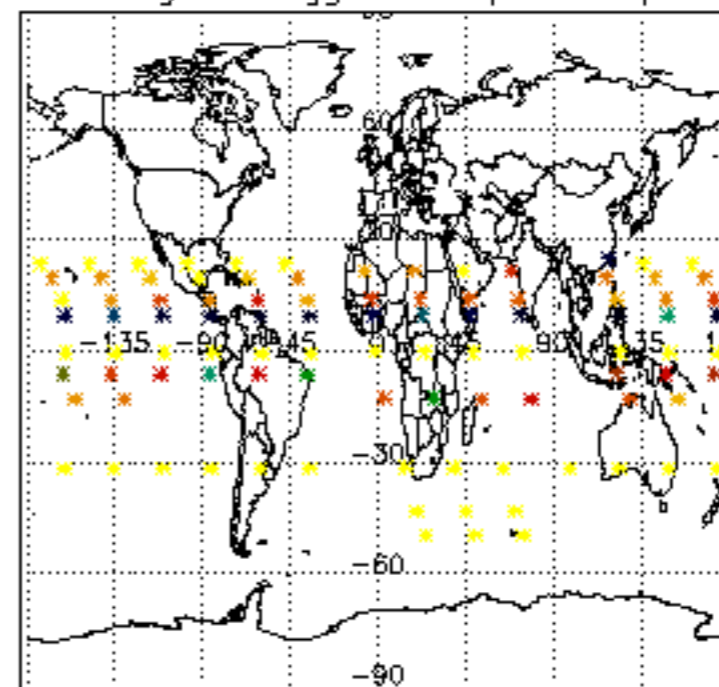
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-MAR-2006 00:07:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-MAR-2006 00:07:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-MAR-2006 00:07:43



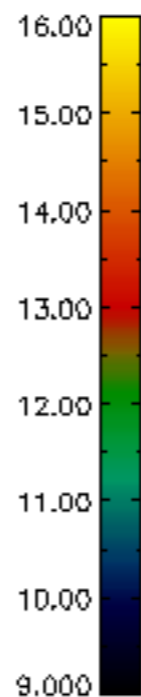
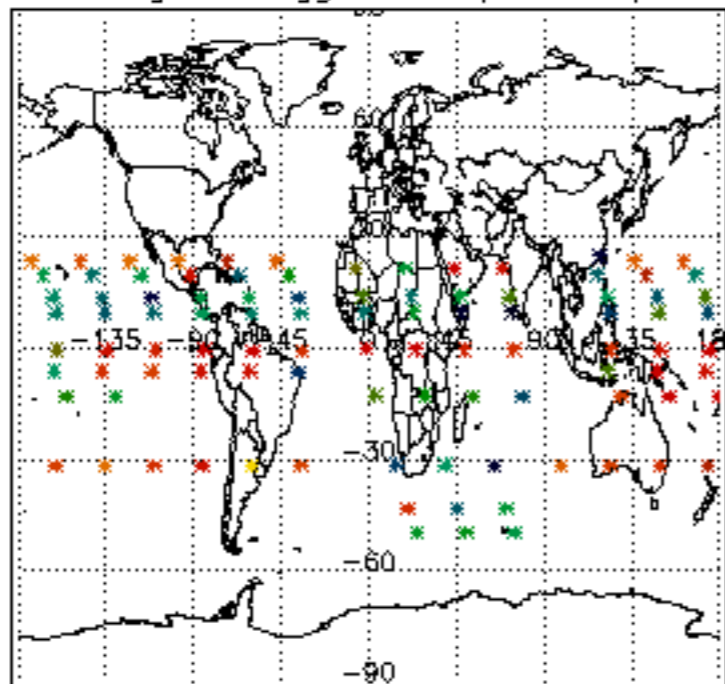
Percentage of flagged data per D3 profile



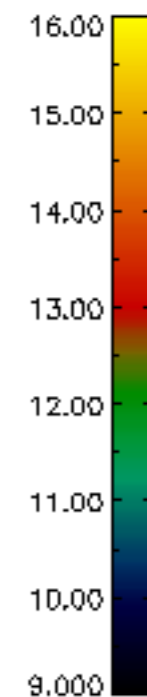
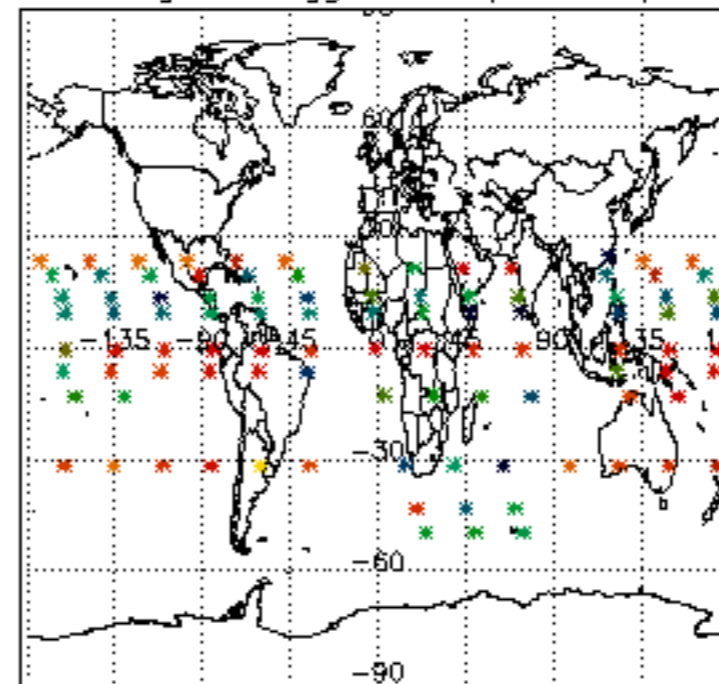
Percentage of flagged data per H2O profile

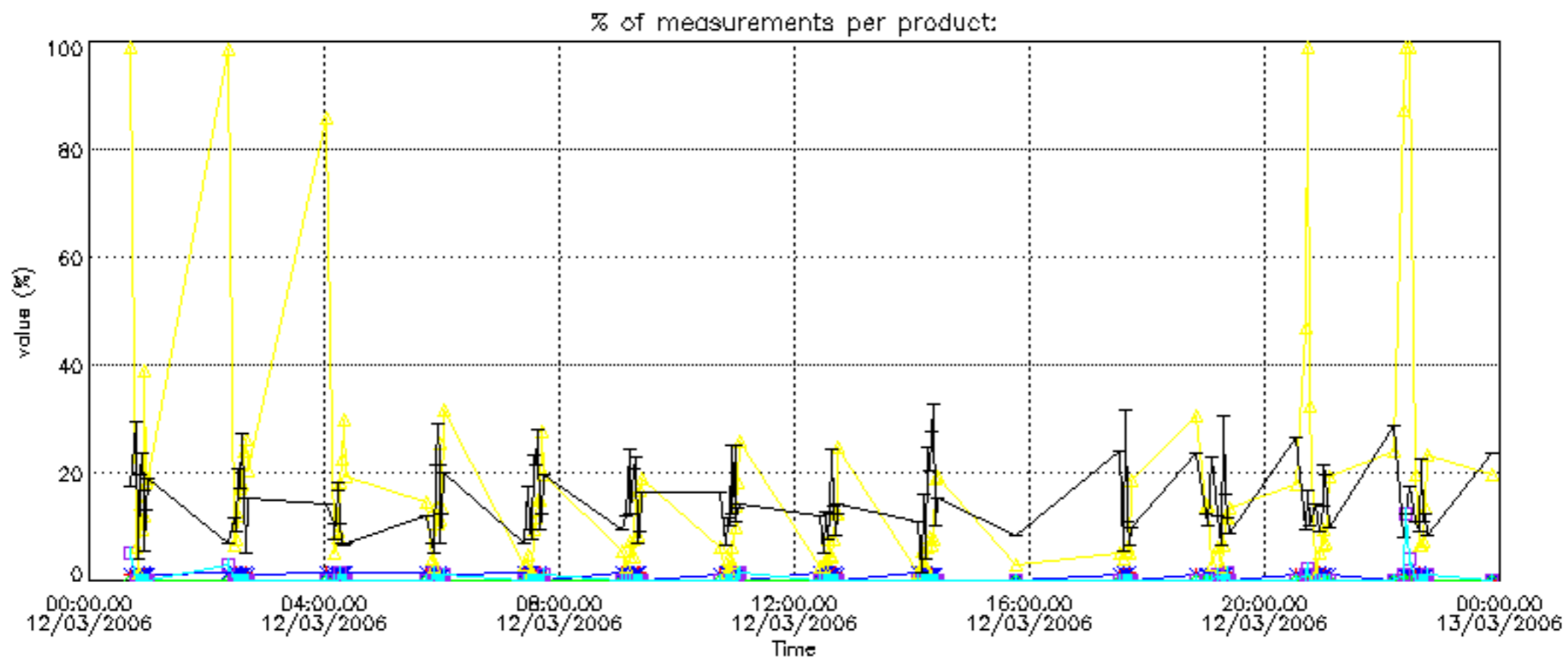


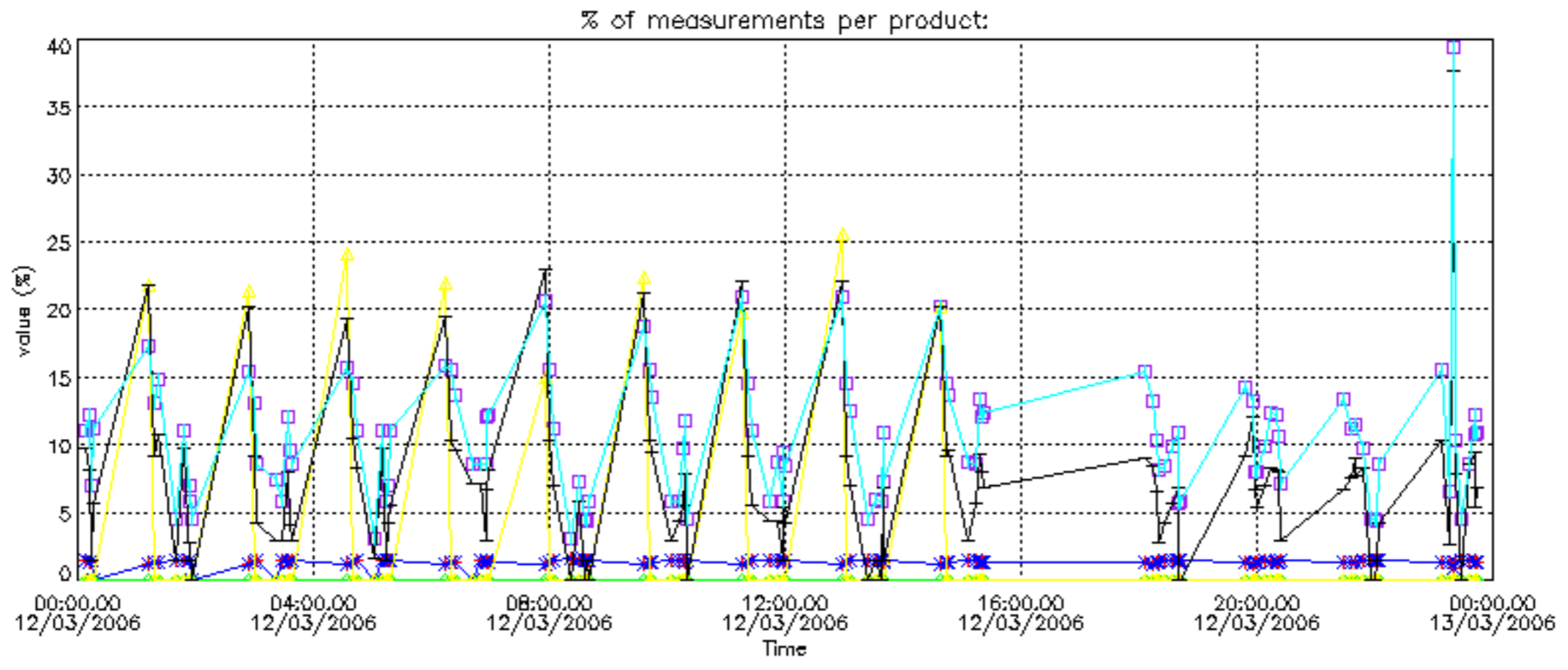
Percentage of flagged data per NO2 profile



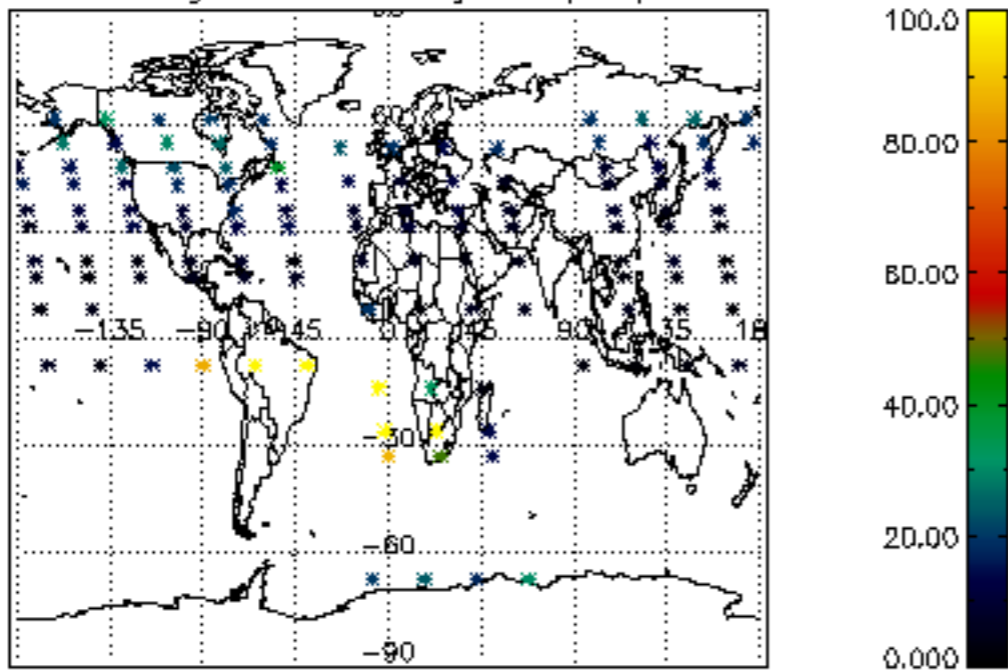
Percentage of flagged data per NO3 profile



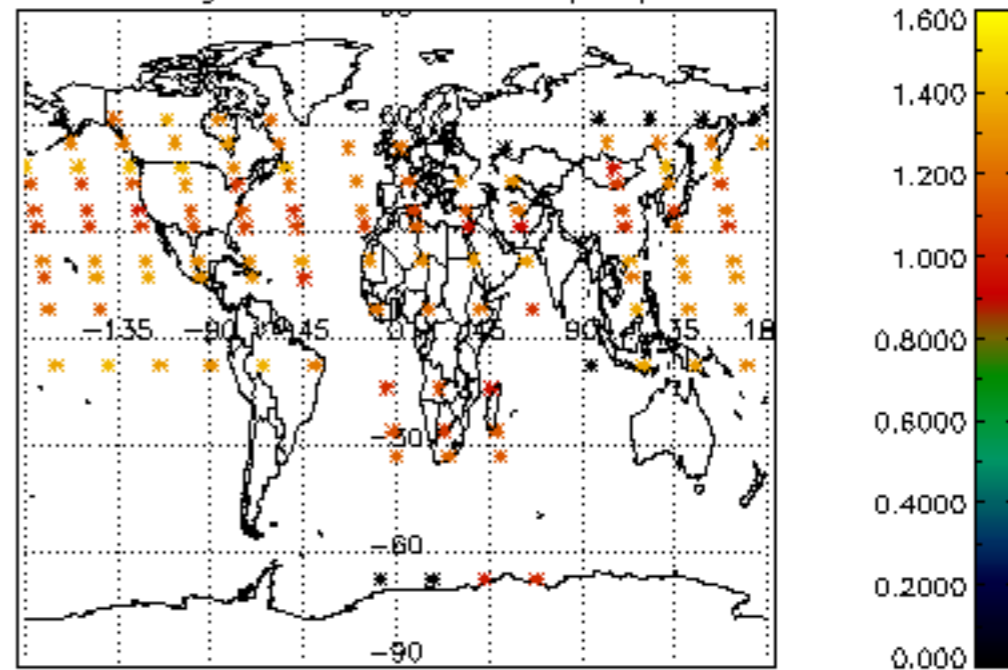




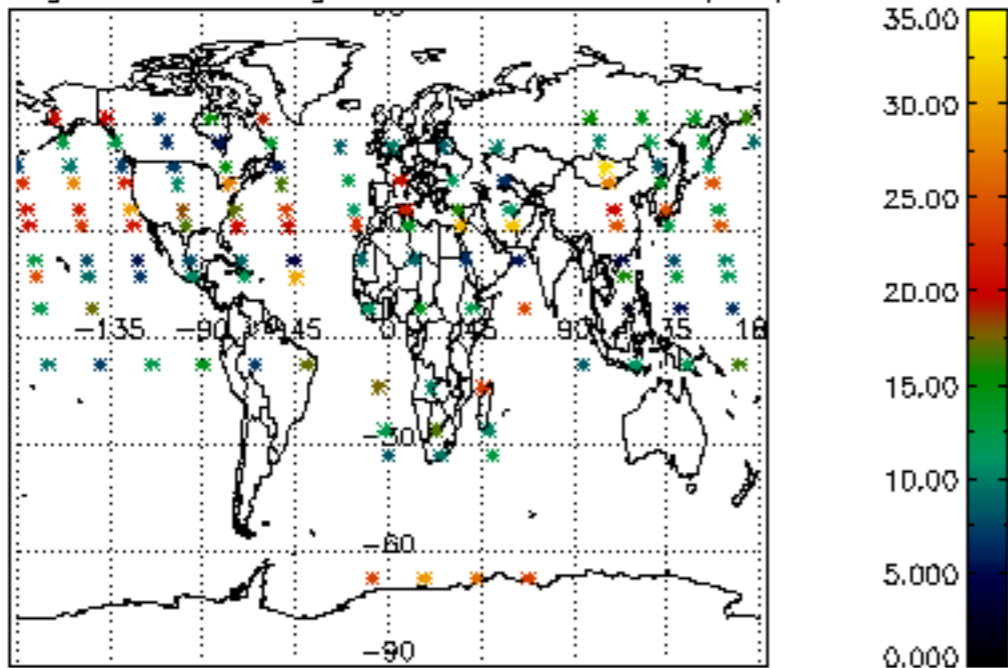
Percentage of cosmic ray hits per profile



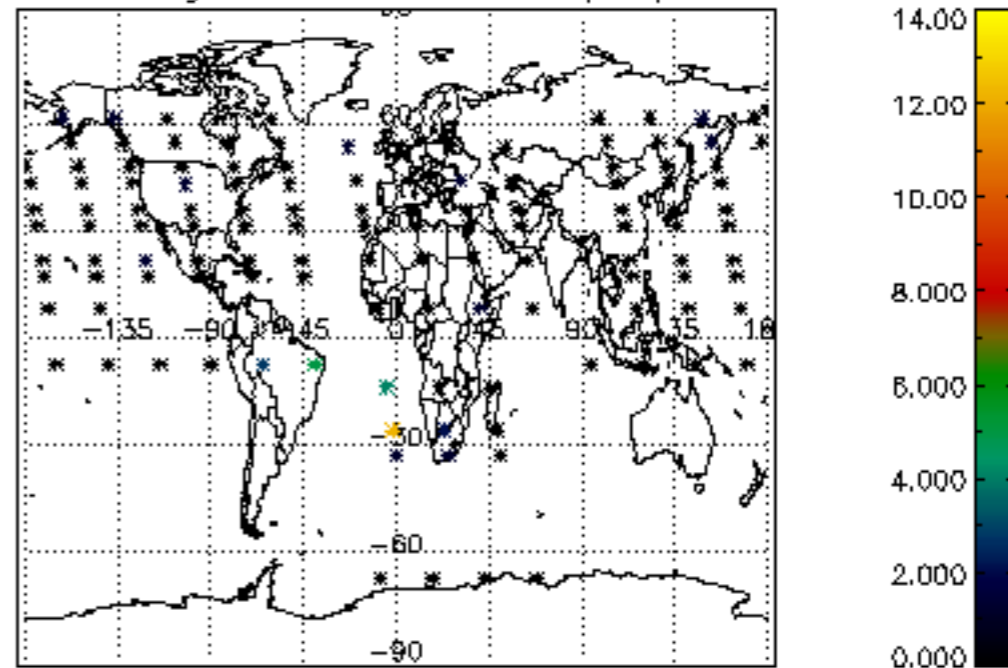
Percentage of datation errors per profile



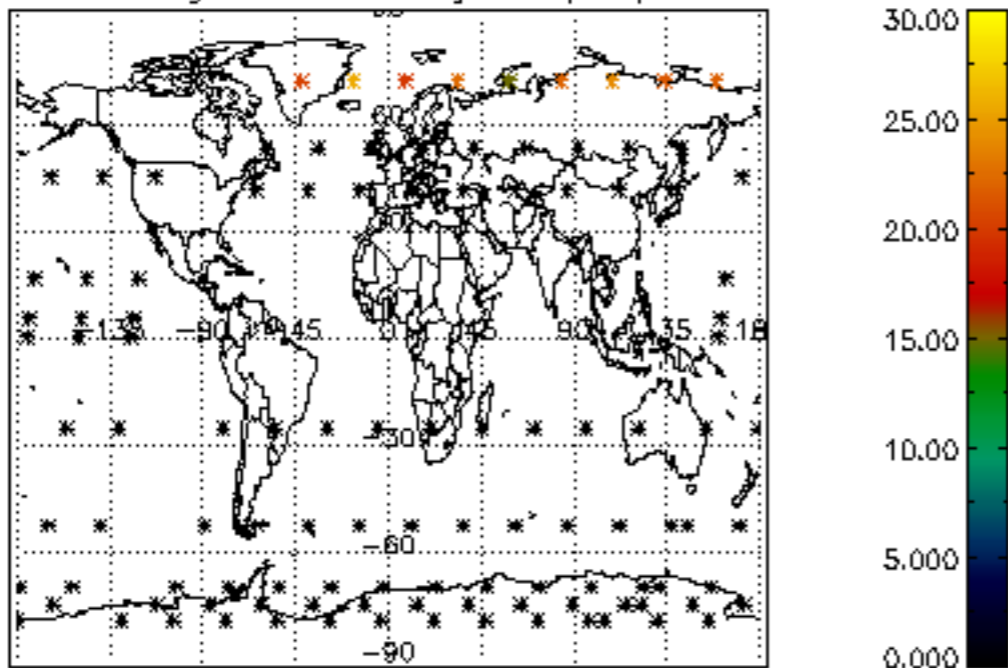
Percentage of star falling outside central band per profile



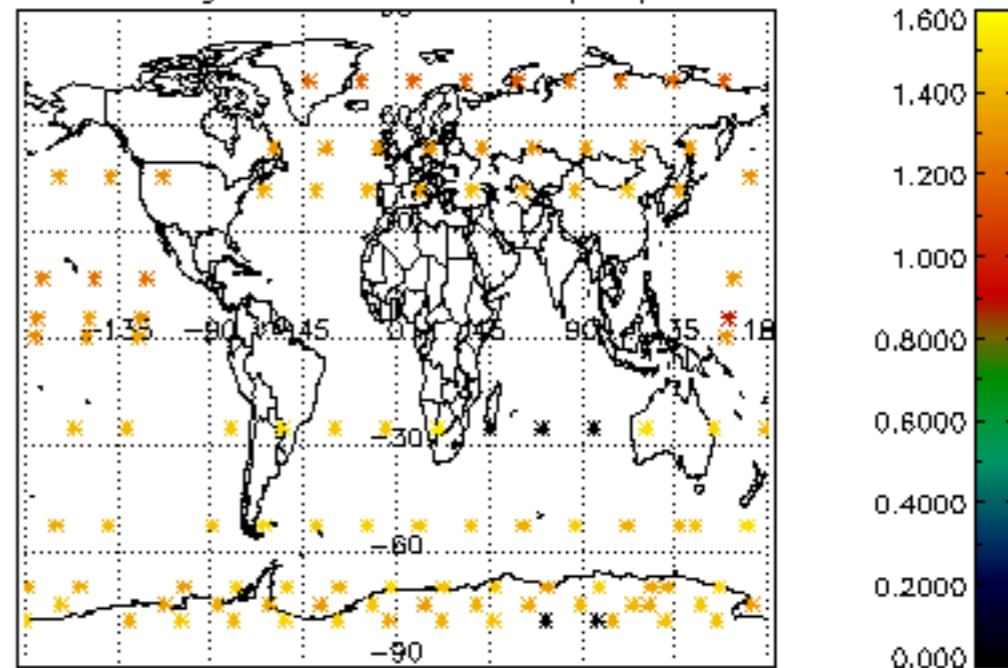
Percentage of saturation errors per profile



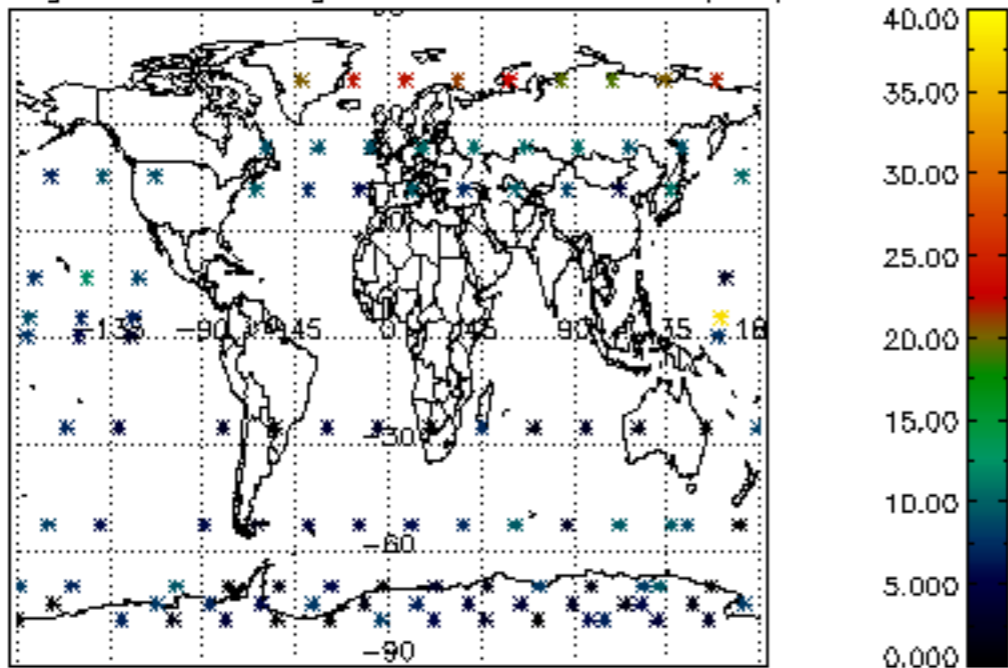
Percentage of cosmic ray hits per profile



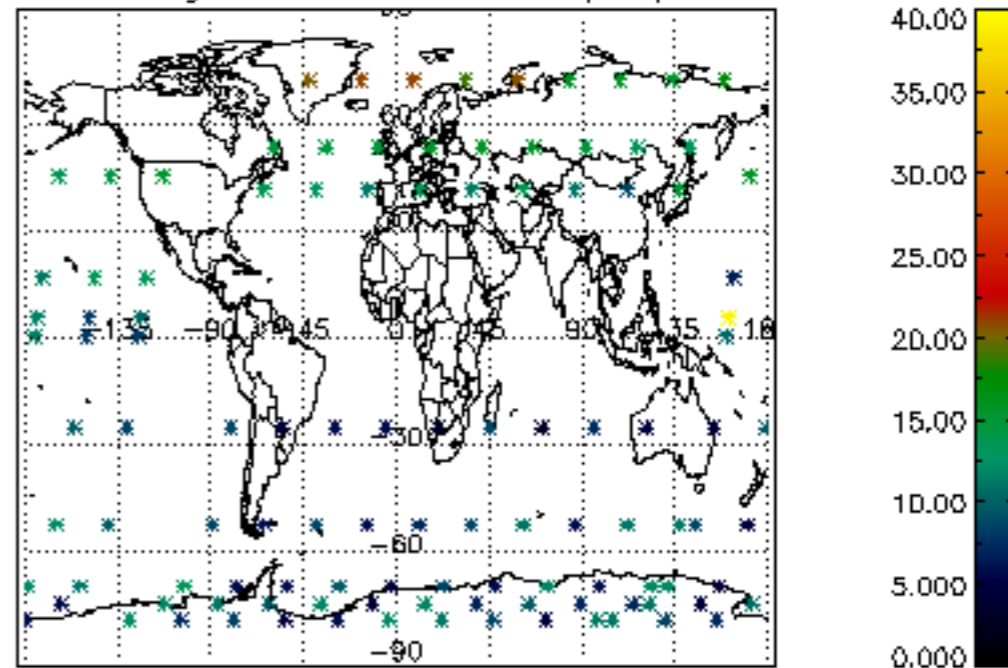
Percentage of datation errors per profile

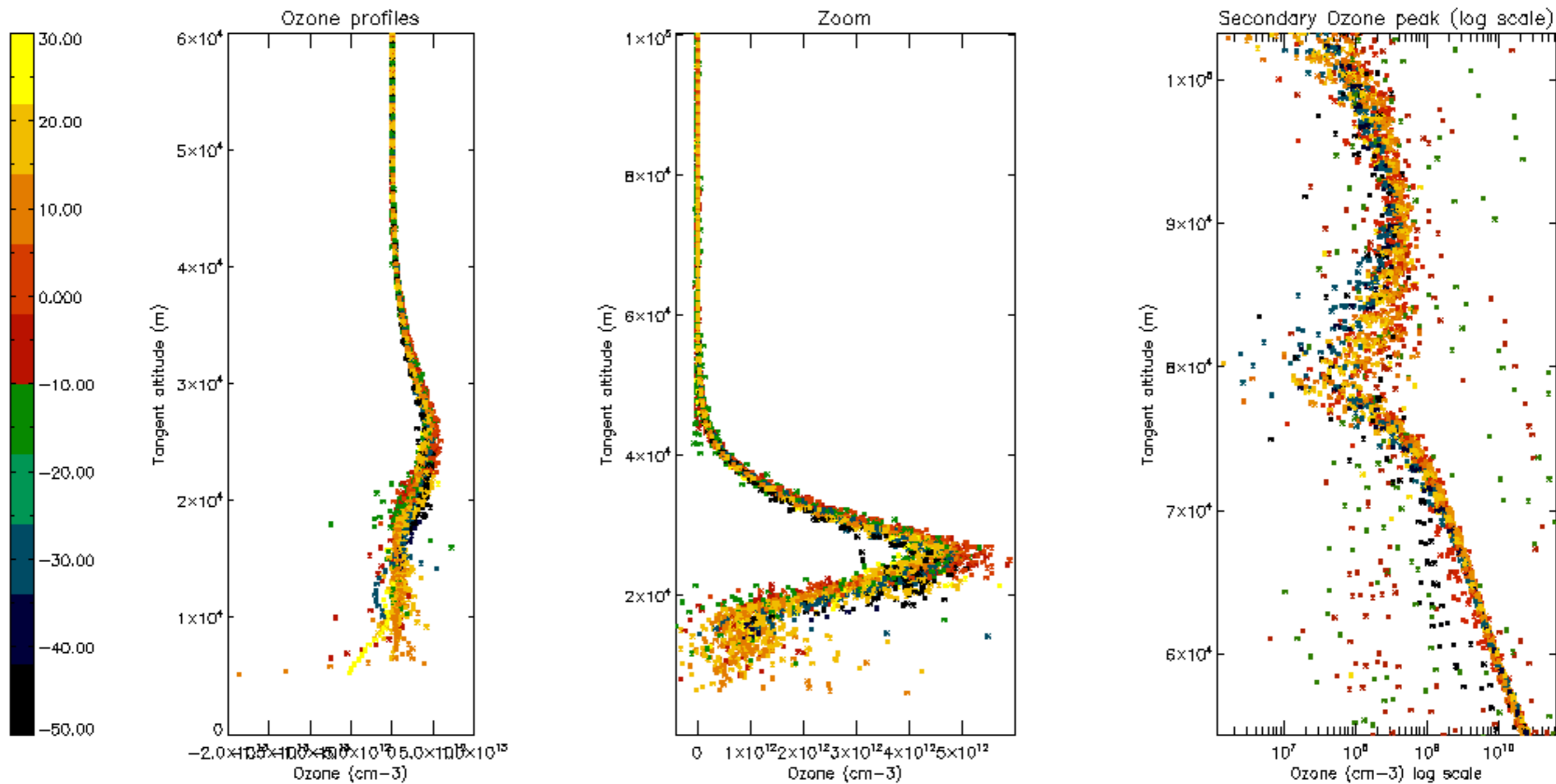


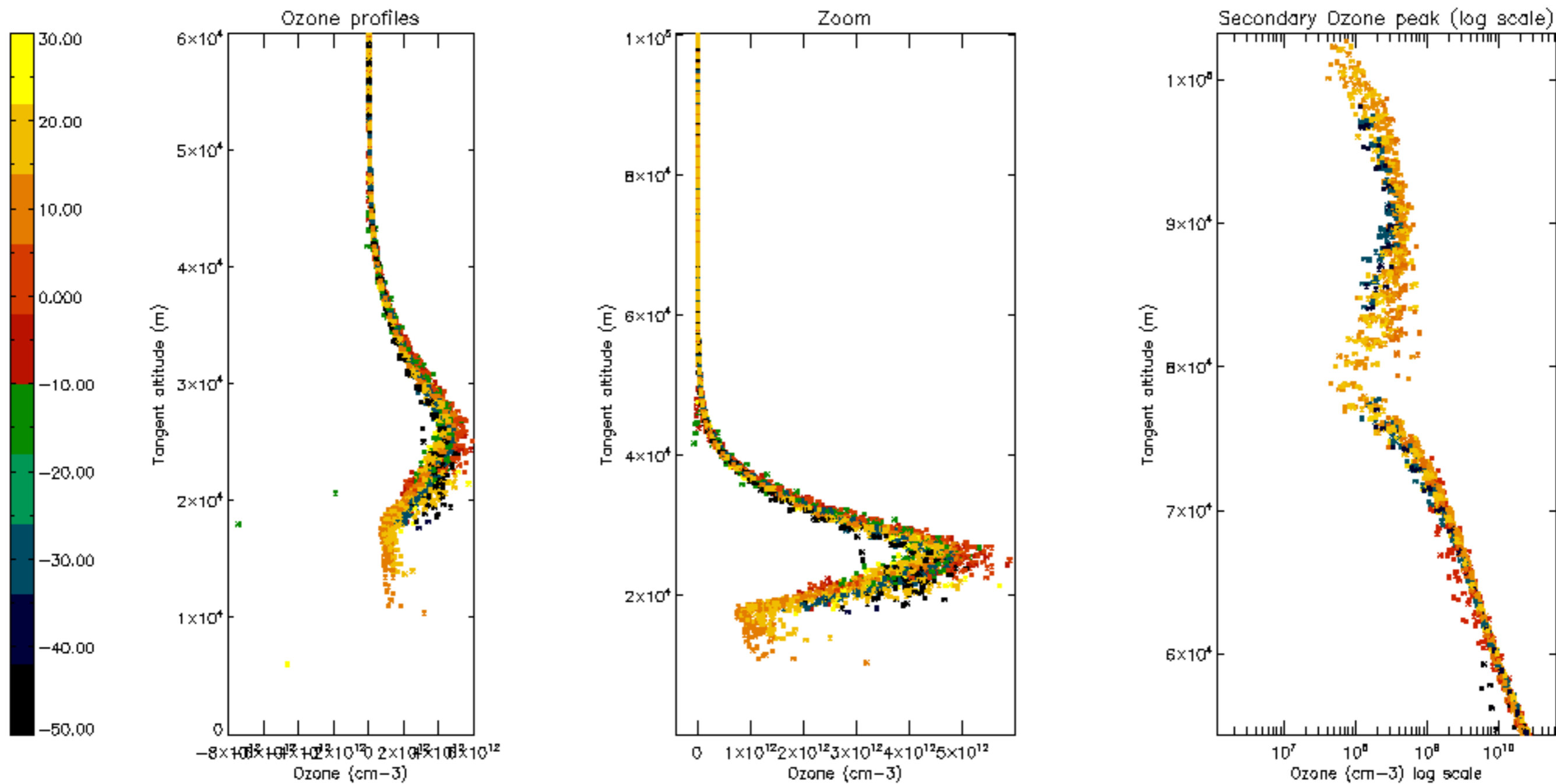
Percentage of star falling outside central band per profile

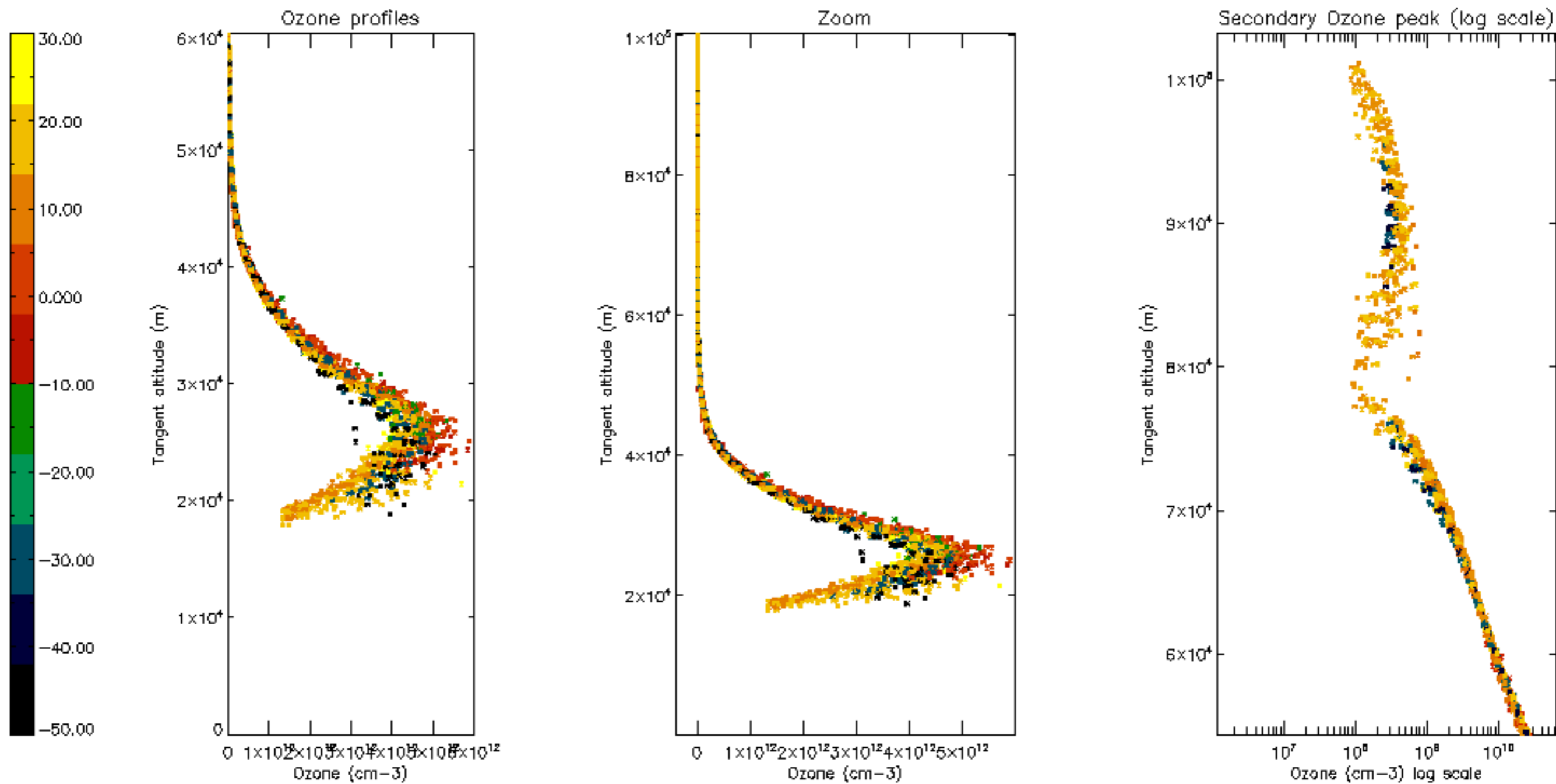


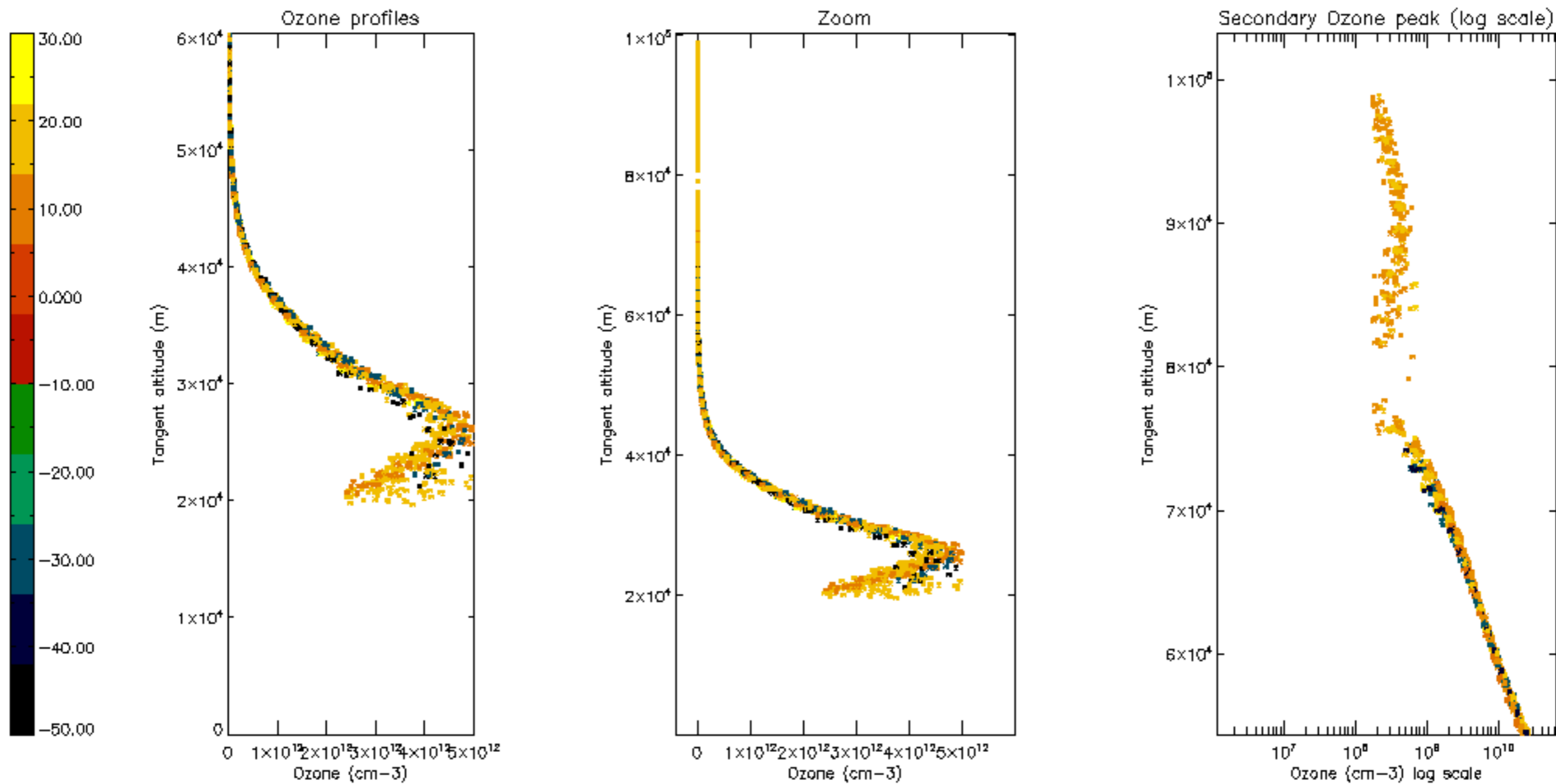
Percentage of saturation errors per profile

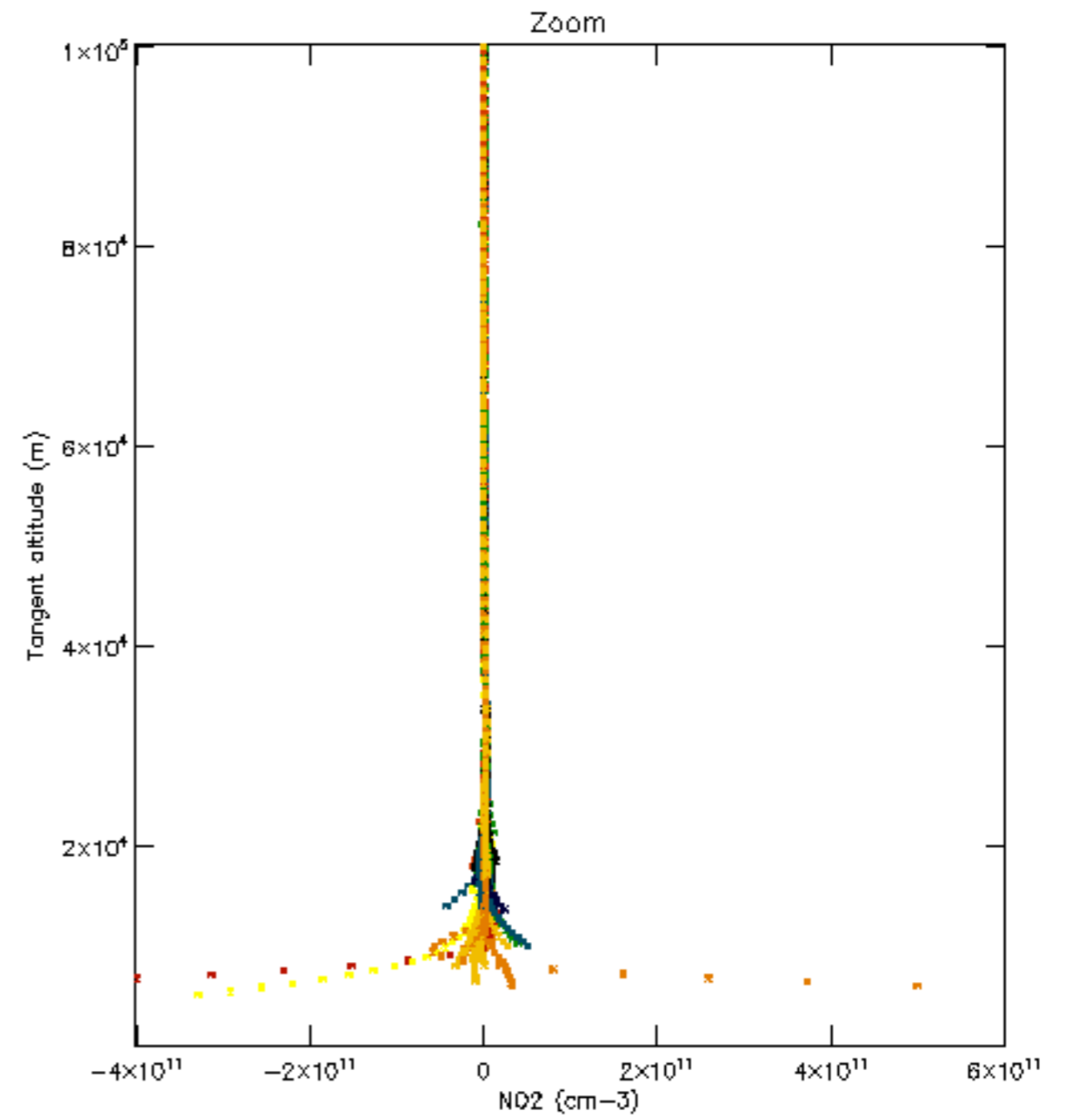
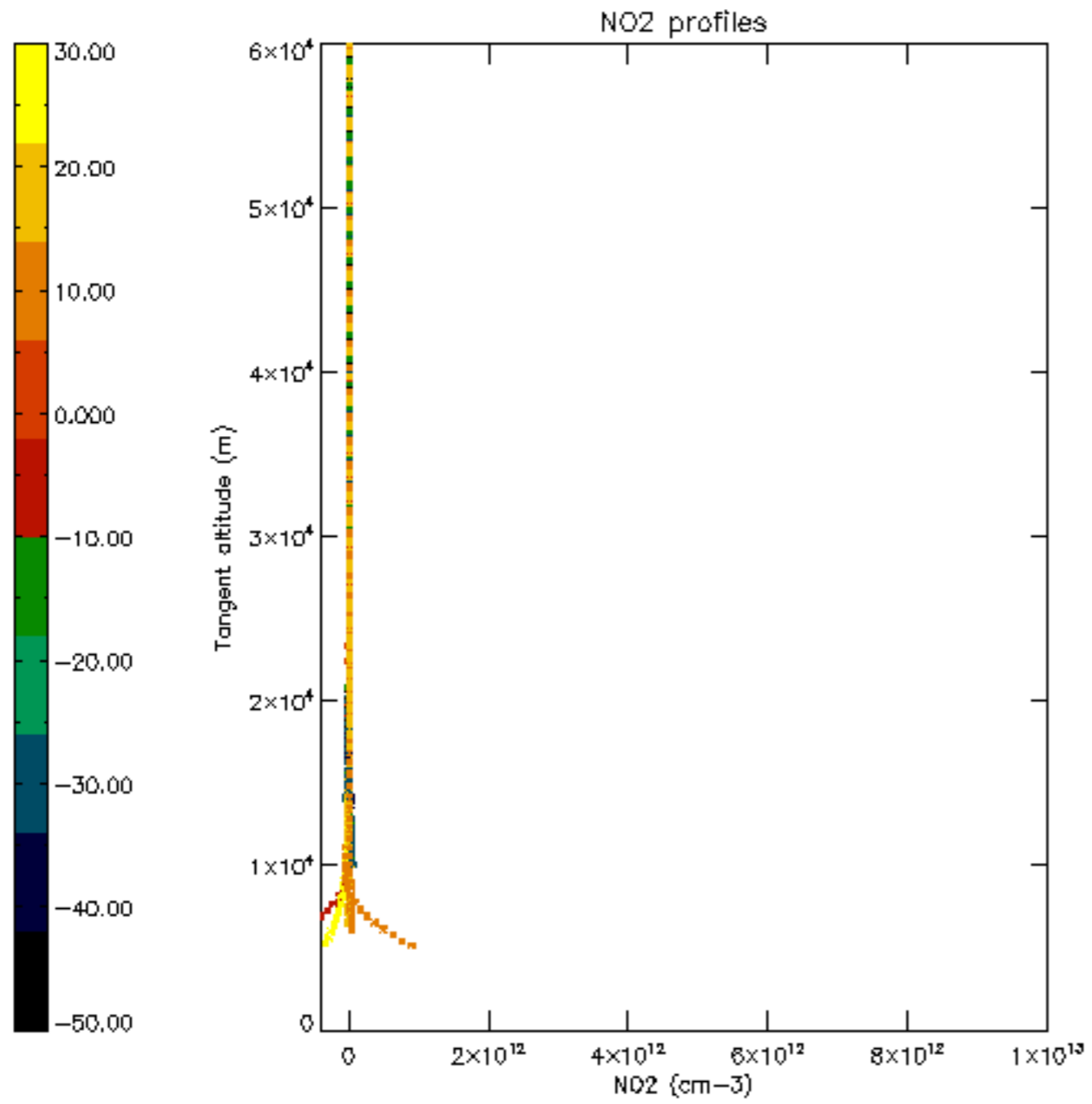


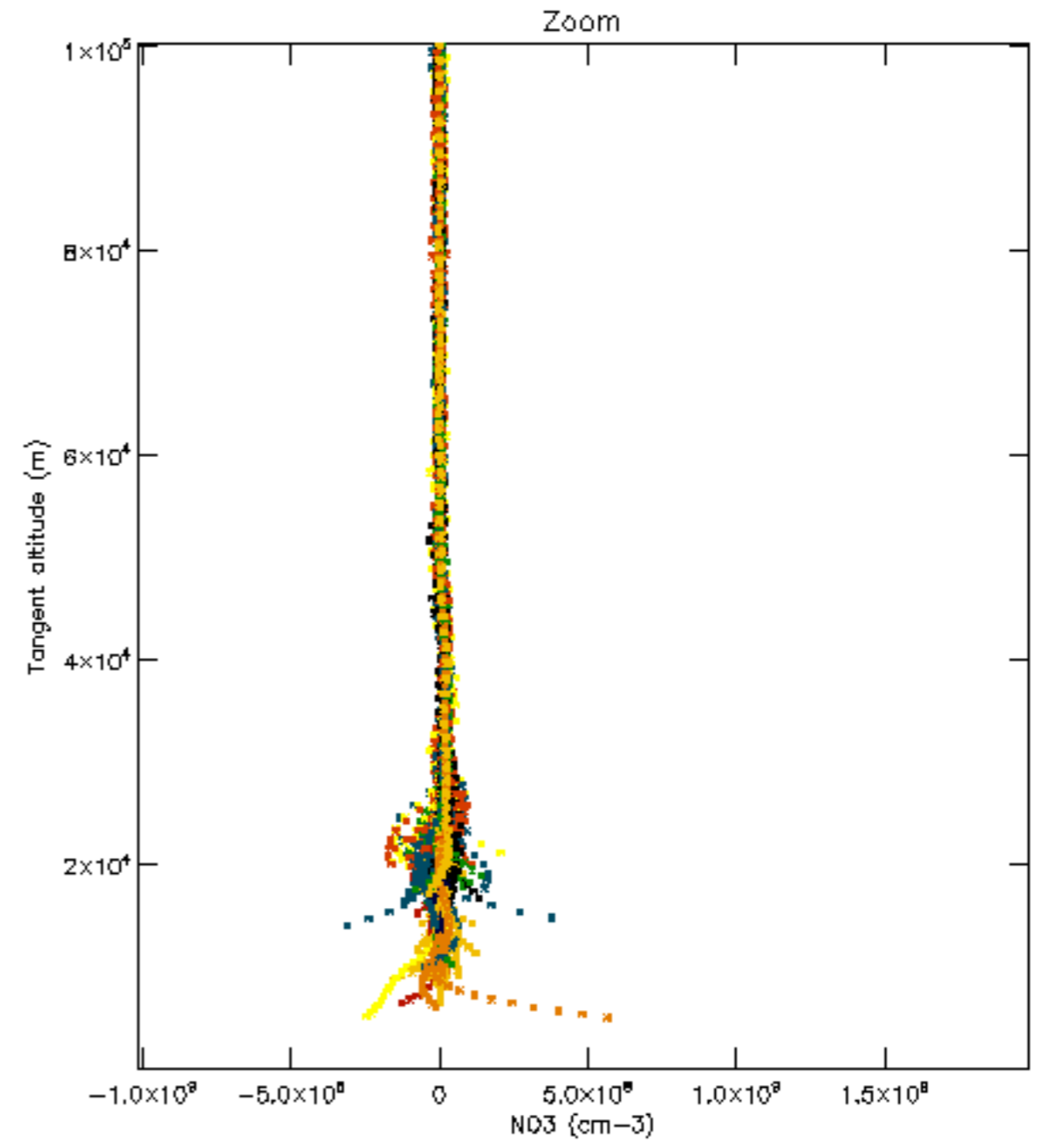
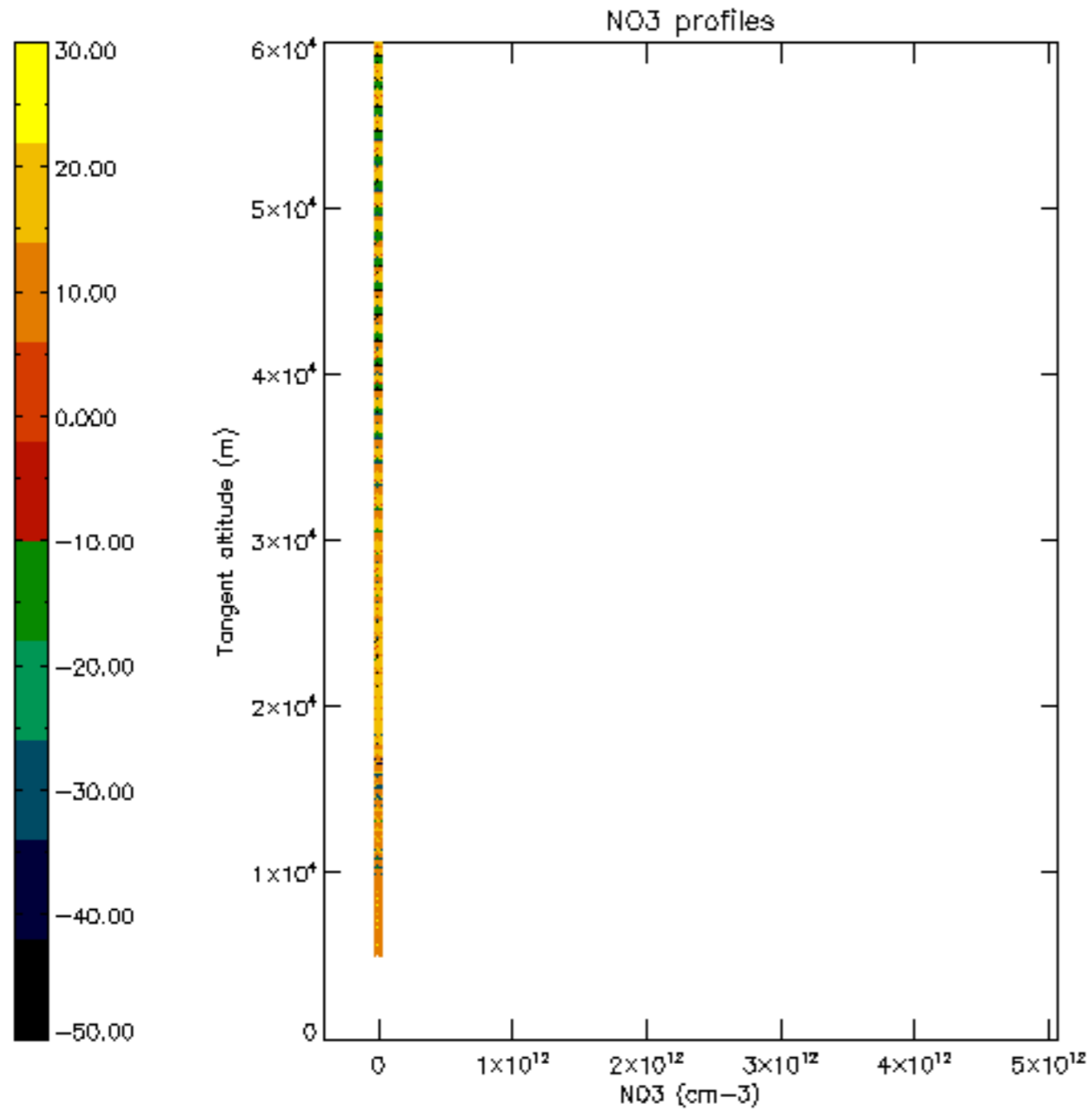


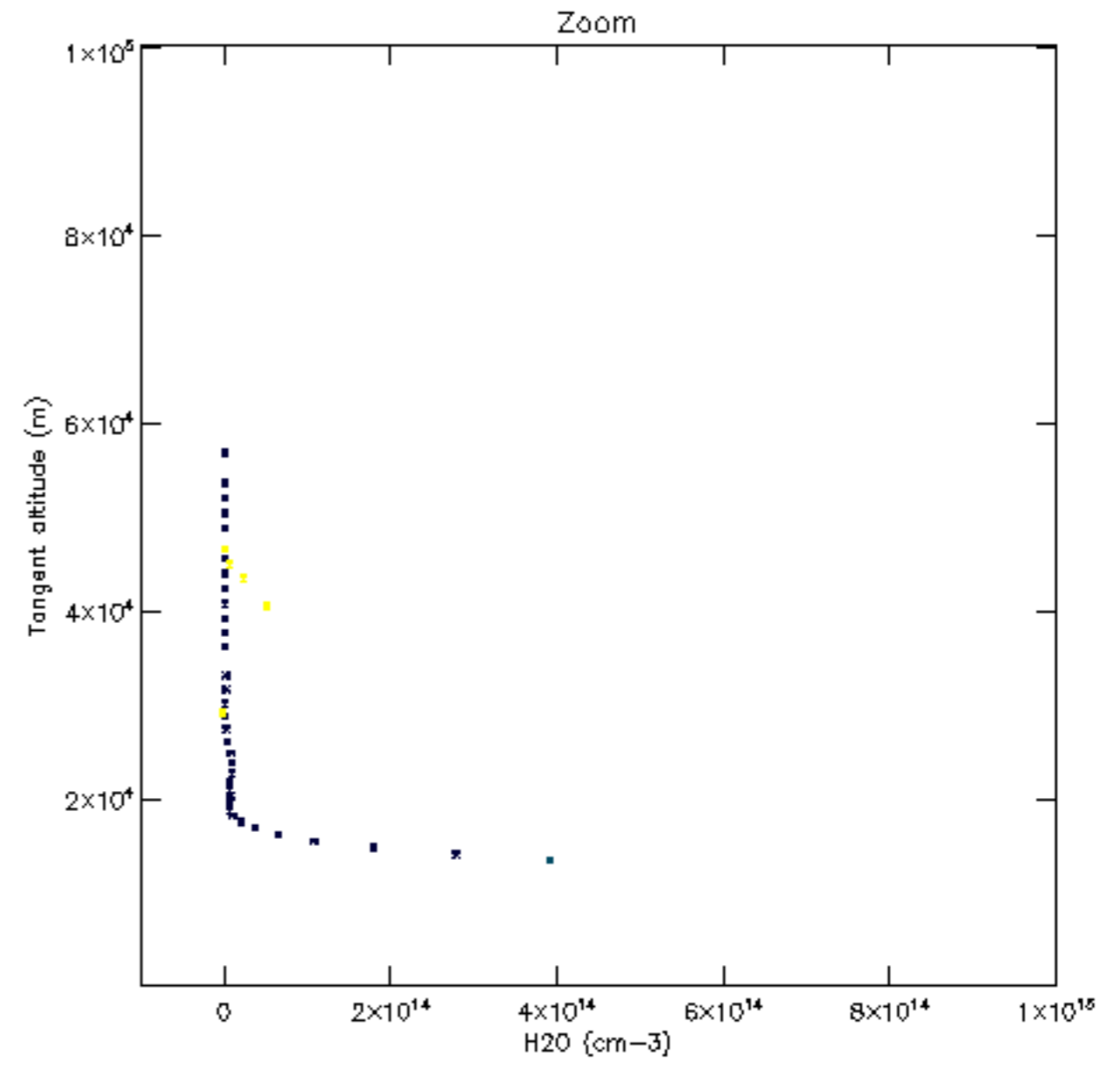
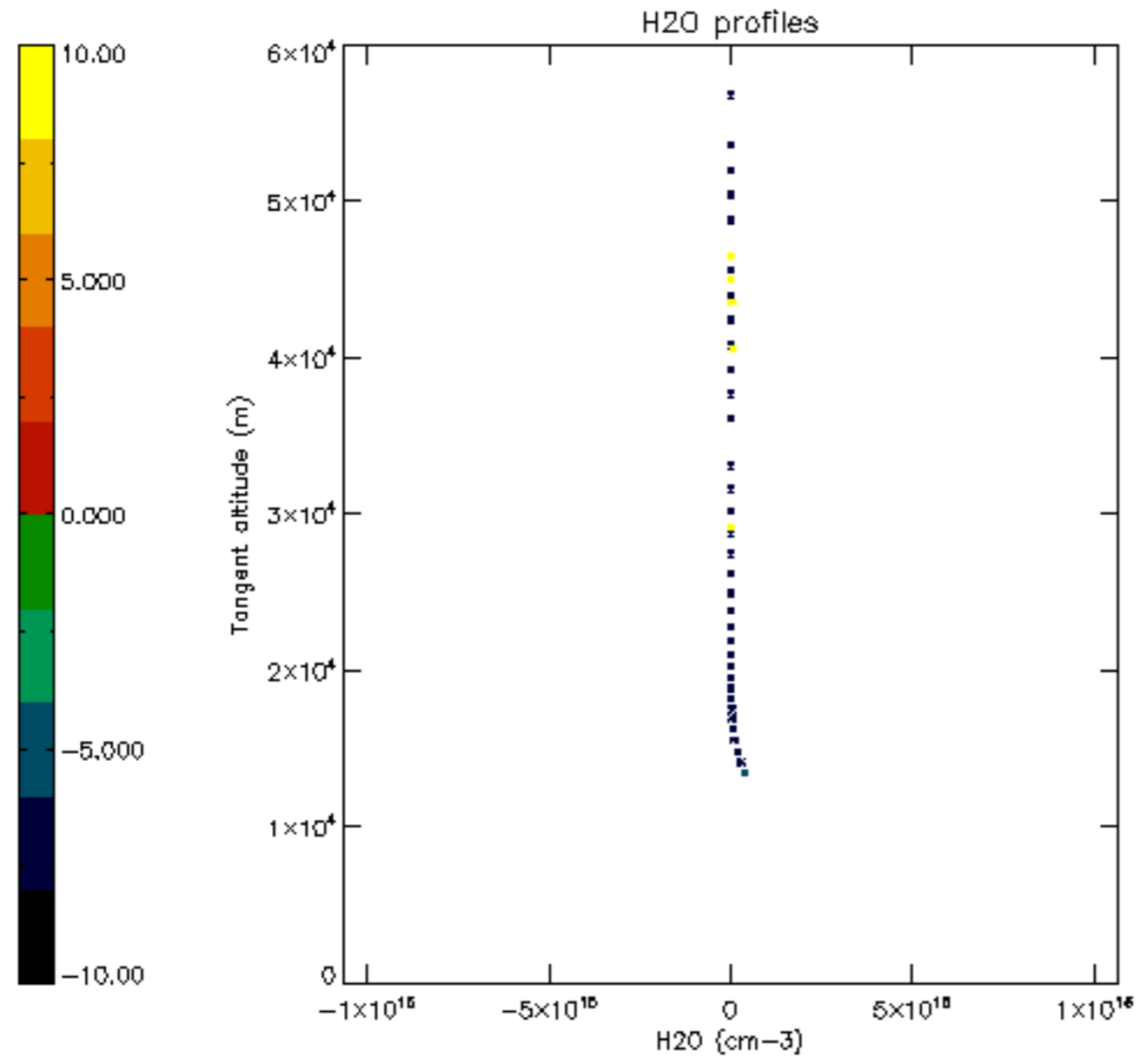


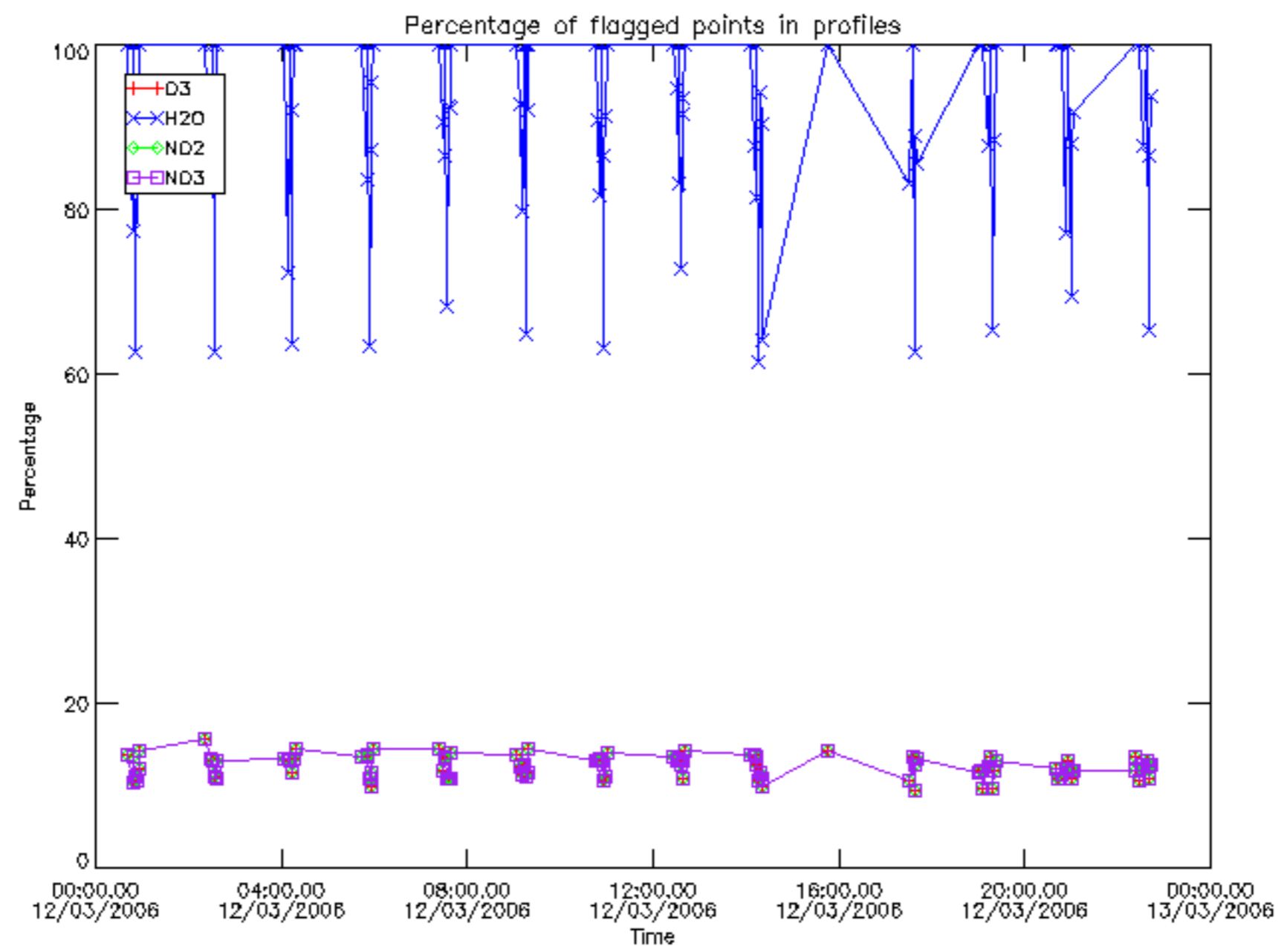




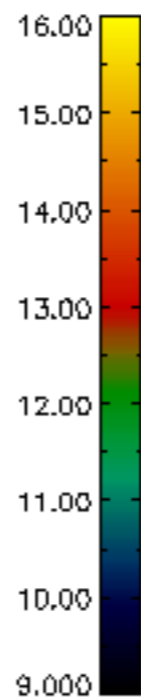
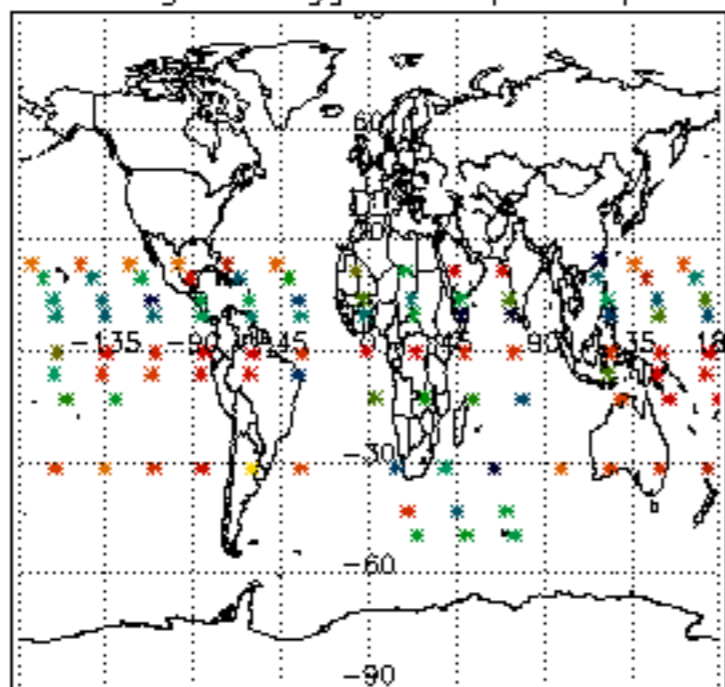




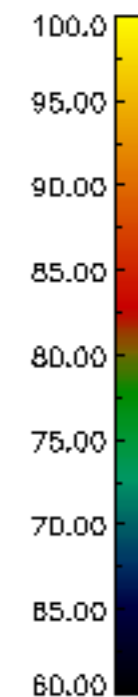
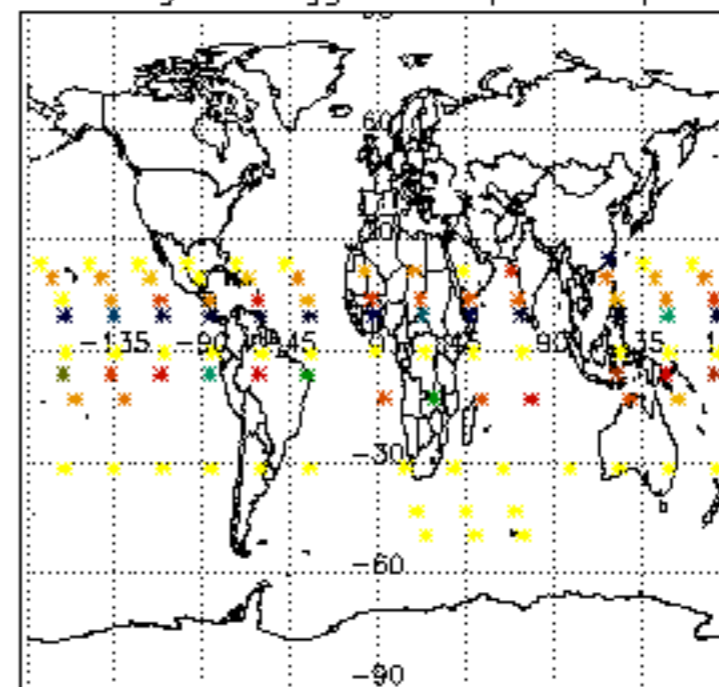




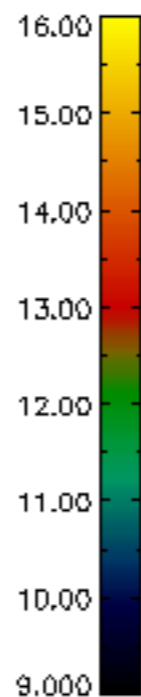
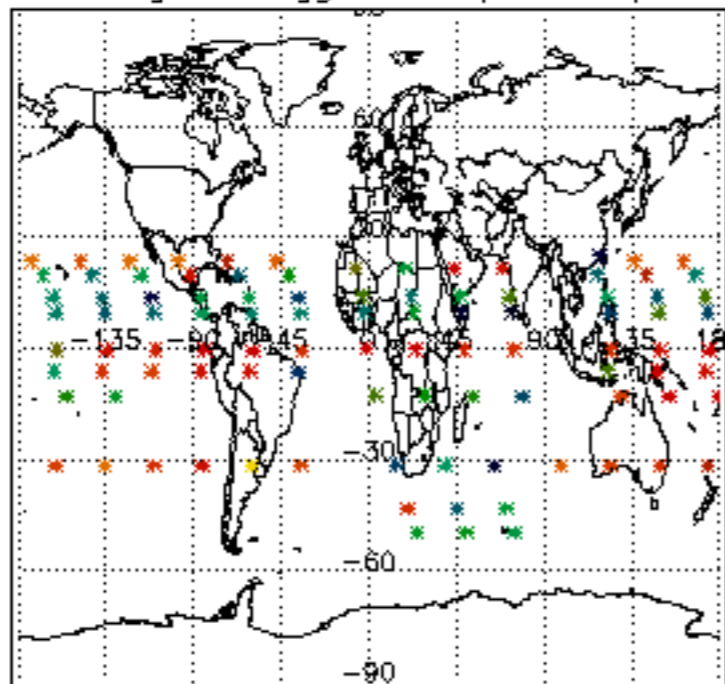
Percentage of flagged data per D3 profile



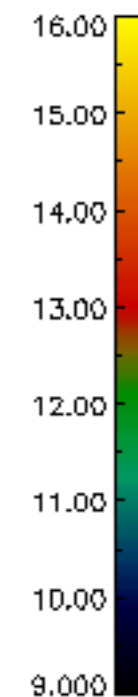
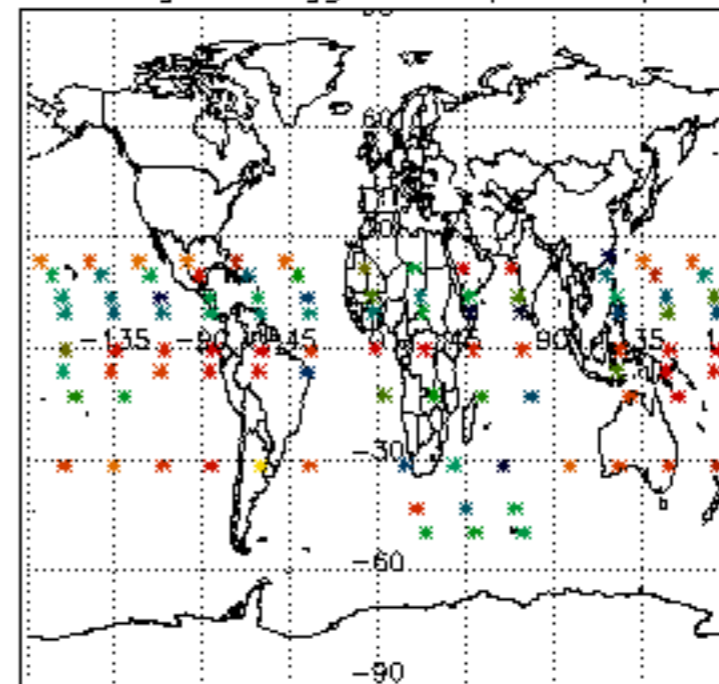
Percentage of flagged data per H2O profile

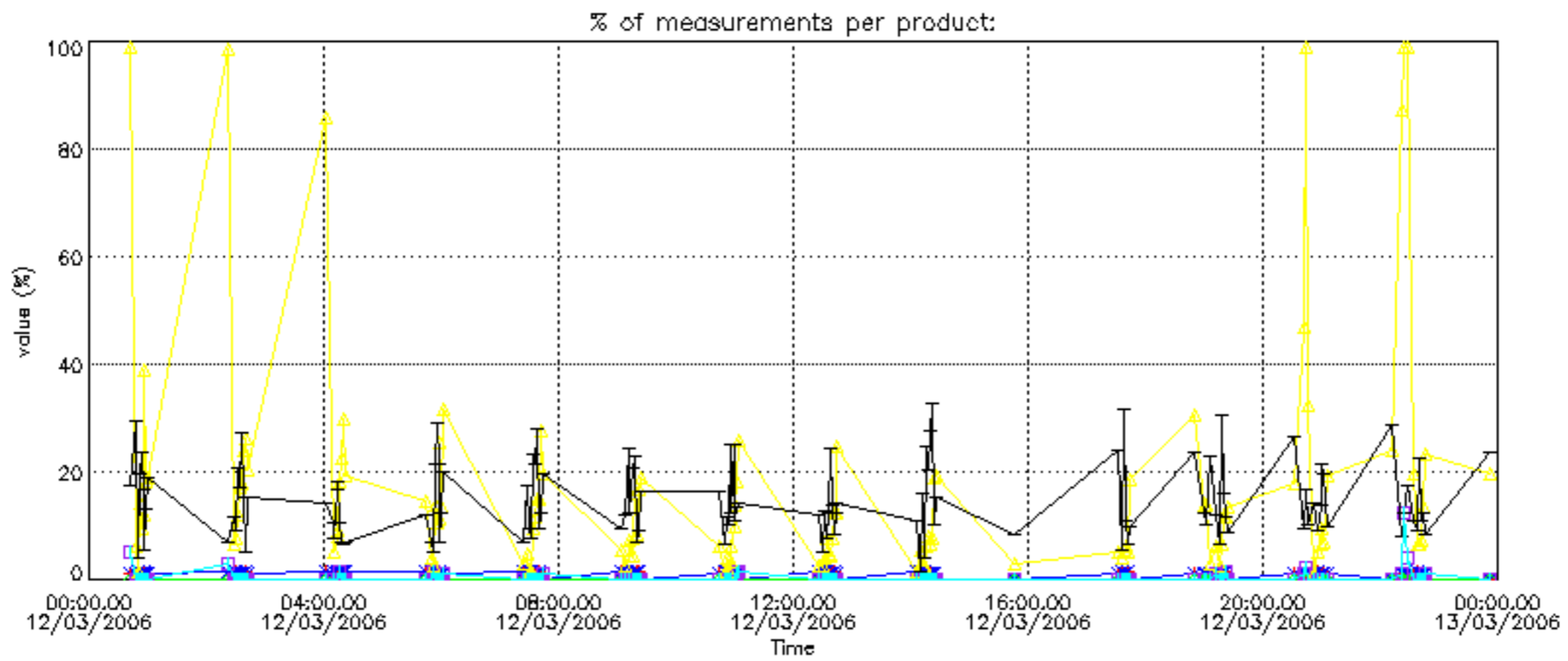


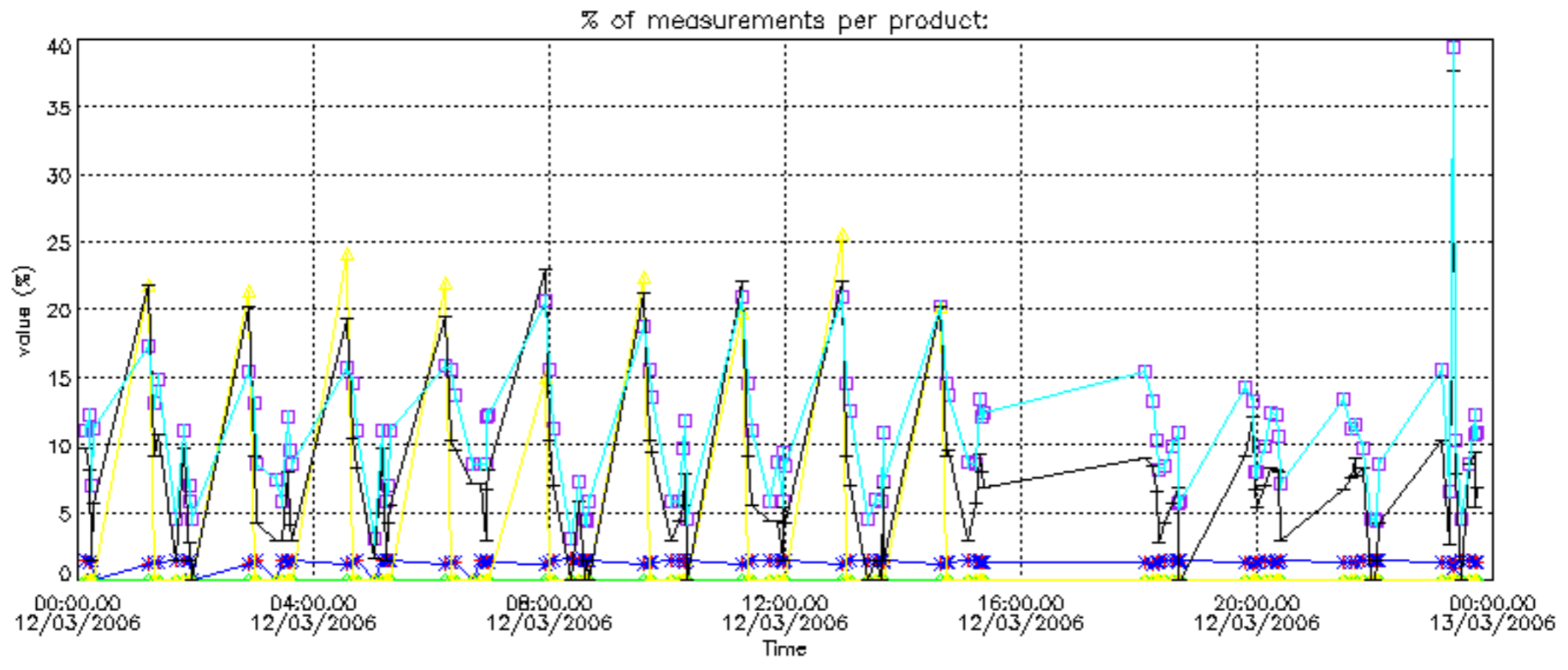
Percentage of flagged data per NO2 profile



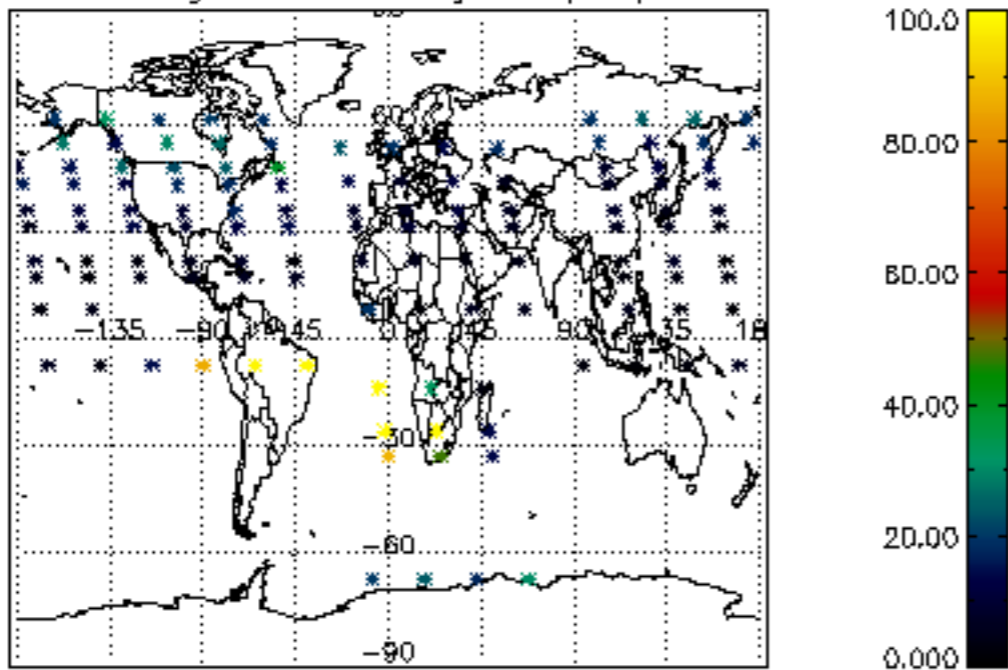
Percentage of flagged data per NO3 profile



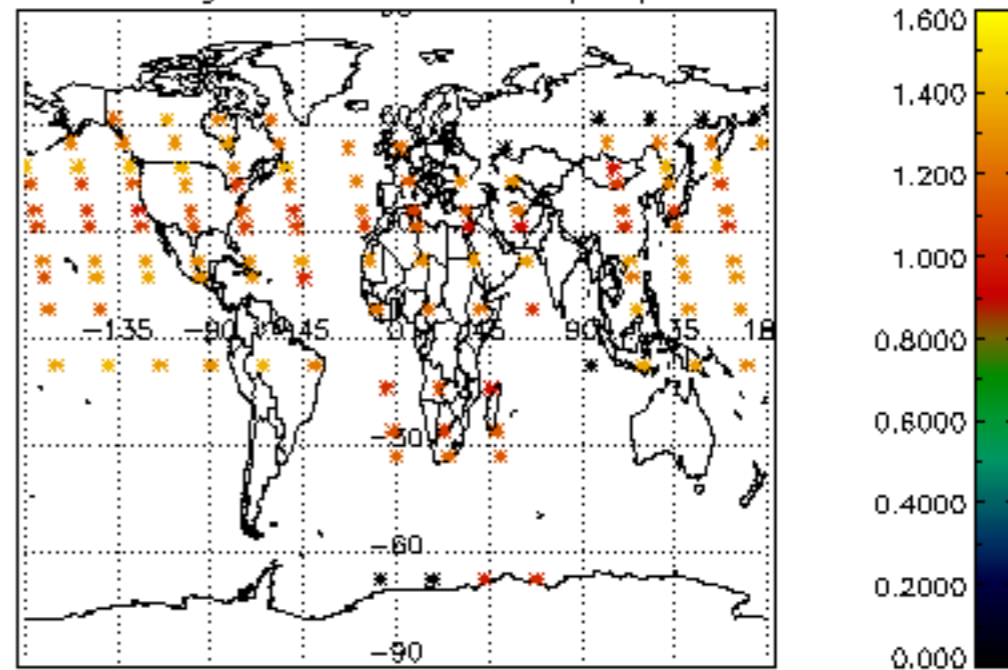




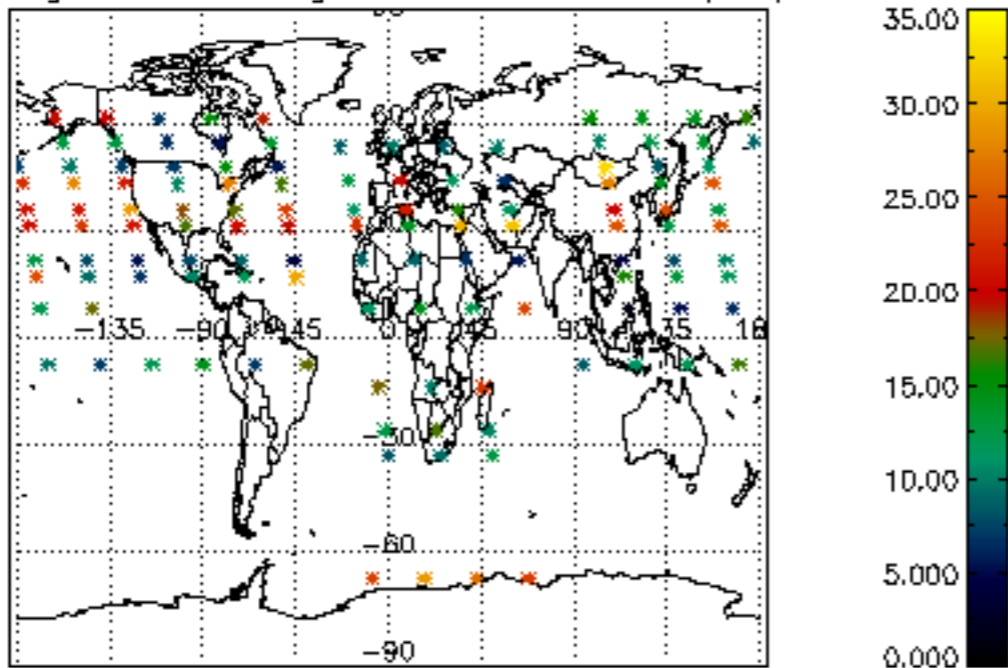
Percentage of cosmic ray hits per profile



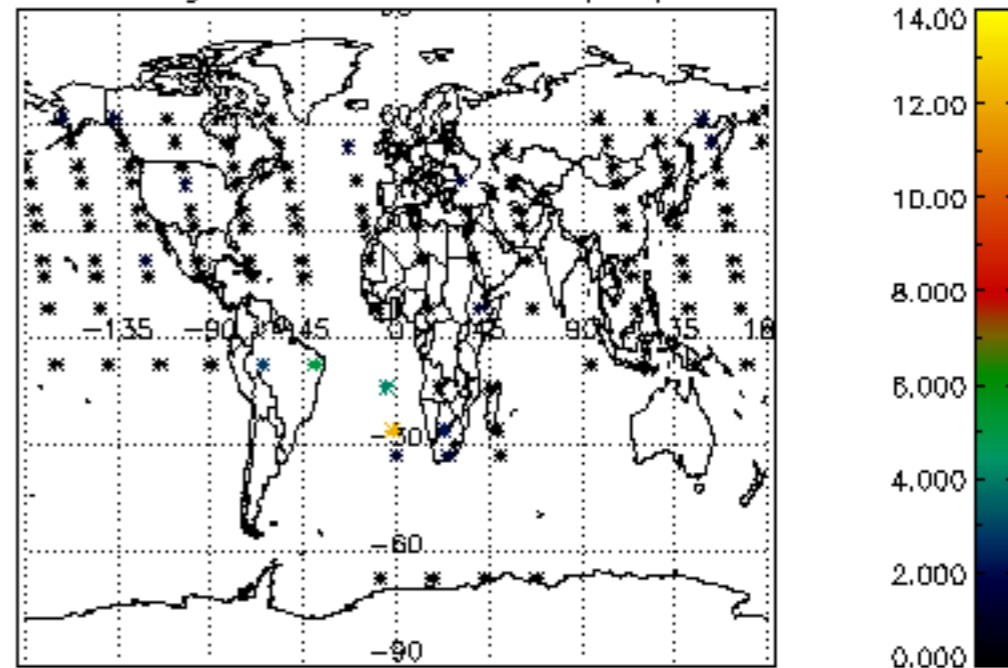
Percentage of datation errors per profile



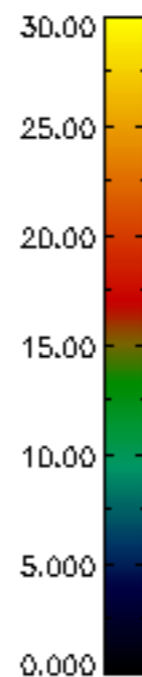
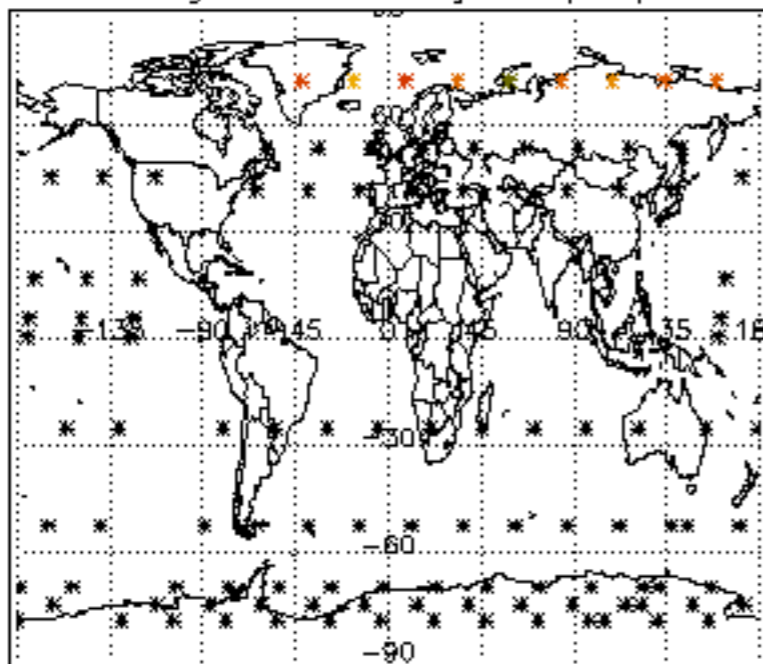
Percentage of star falling outside central band per profile



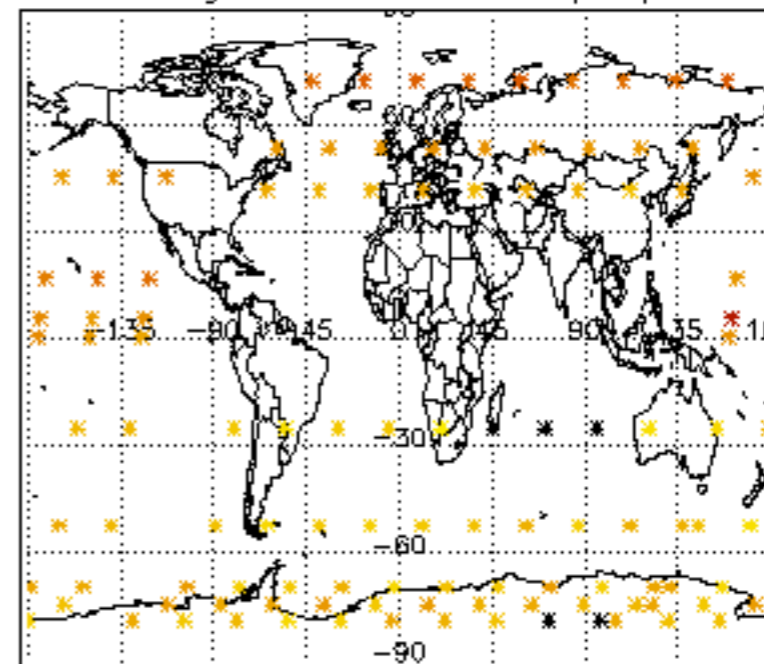
Percentage of saturation errors per profile



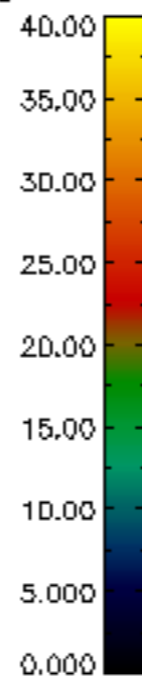
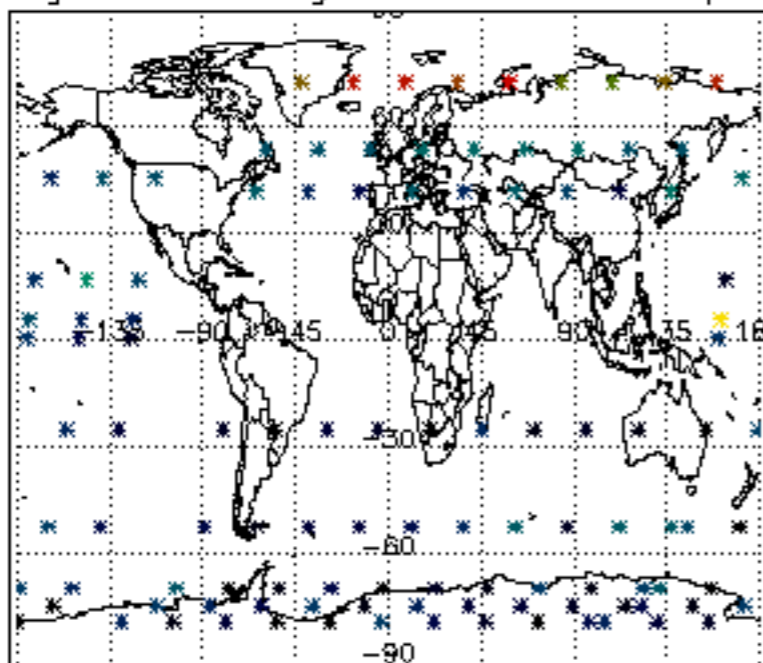
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

