

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	24APR2013 04:42:59
Data source version	GOMOS/6.01
Start time of products	06-10-2006 (06OCT2006 00:00:00)
Stop time of products	07-10-2006 (07OCT2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	182
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__2PRFIN20061006_000141_000000452051_00445_24046_2379.N1	06-OCT-2006 00:01:41	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	24046	No
2	GOM_NL__2PRFIN20061006_000457_000000402051_00445_24046_2380.N1	06-OCT-2006 00:04:57	Dark	40.000	46	Del Vel	1.9540	10600.	80	24046	No
3	GOM_NL__2PRFIN20061006_000632_000000472051_00446_24047_2369.N1	06-OCT-2006 00:06:32	Dark	46.500	41	Eps Car	1.8600	4100.0	93	24047	No
4	GOM_NL__2PRFIN20061006_001844_000000402051_00446_24047_2370.N1	06-OCT-2006 00:18:44	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	24047	No
5	GOM_NL__2PRFIN20061006_002012_000000462051_00446_24047_2371.N1	06-OCT-2006 00:20:12	Dark	45.500	9	Alp Eri	0.45300	24000.	91	24047	No
6	GOM_NL__2PRFIN20061006_002526_000000422051_00446_24047_2372.N1	06-OCT-2006 00:25:26	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	24047	No
7	GOM_NL__2PRFIN20061006_004220_000000362051_00446_24047_2373.N1	06-OCT-2006 00:42:20	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	24047	No
8	GOM_NL__2PRFIN20061006_004556_000000382051_00446_24047_2374.N1	06-OCT-2006 00:45:56	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	24047	No
9	GOM_NL__2PRFIN20061006_010314_000000362051_00446_24047_2375.N1	06-OCT-2006 01:03:14	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	24047	No
10	GOM_NL__2PRFIN20061006_011119_000000372051_00446_24047_2376.N1	06-OCT-2006 01:11:19	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24047	No
11	GOM_NL__2PRFIN20061006_011250_000000362051_00446_24047_2377.N1	06-OCT-2006 01:12:50	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	24047	No
12	GOM_NL__2PRFIN20061006_011606_000000342051_00446_24047_2378.N1	06-OCT-2006 01:16:06	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	24047	No
13	GOM_NL__2PRFIN20061006_012555_000000342051_00446_24047_2379.N1	06-OCT-2006 01:25:55	Bright	34.000	22	32Alp Leo	1.3600	15200.	68	24047	No
14	GOM_NL__2PRFIN20061006_014217_000000412051_00446_24047_2380.N1	06-OCT-2006 01:42:17	Dark	40.500	65	Lam Vel	2.2040	4400.0	81	24047	No
15	GOM_NL__2PRFIN20061006_014533_000000412051_00446_24047_2381.N1	06-OCT-2006 01:45:33	Dark	41.000	46	Del Vel	1.9540	10600.	82	24047	No
16	GOM_NL__2PRFIN20061006_014708_000000422051_00447_24048_2370.N1	06-OCT-2006 01:47:08	Dark	41.500	41	Eps Car	1.8600	4100.0	83	24048	No
17	GOM_NL__2PRFIN20061006_015920_000000382051_00447_24048_2371.N1	06-OCT-2006 01:59:20	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	24048	No
18	GOM_NL__2PRFIN20061006_020048_000000422051_00447_24048_2372.N1	06-OCT-2006 02:00:48	Dark	41.500	9	Alp Eri	0.45300	24000.	83	24048	No
19	GOM_NL__2PRFIN20061006_020603_000000402051_00447_24048_2373.N1	06-OCT-2006 02:06:03	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	24048	No
20	GOM_NL__2PRFIN20061006_022256_000000372051_00447_24048_2374.N1	06-OCT-2006 02:22:56	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	24048	No
21	GOM_NL__2PRFIN20061006_022631_000000372051_00447_24048_2375.N1	06-OCT-2006 02:26:31	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	24048	No
22	GOM_NL__2PRFIN20061006_024350_000000352051_00447_24048_2376.N1	06-OCT-2006 02:43:50	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	24048	No
23	GOM_NL__2PRFIN20061006_025155_000000372051_00447_24048_2377.N1	06-OCT-2006 02:51:55	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24048	No
24	GOM_NL__2PRFIN20061006_025326_000000352051_00447_24048_2378.N1	06-OCT-2006 02:53:26	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	24048	No
25	GOM_NL__2PRFIN20061006_025642_000000352051_00447_24048_2379.N1	06-OCT-2006 02:56:42	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	24048	No
26	GOM_NL__2PRFIN20061006_030631_000000332051_00447_24048_2380.N1	06-OCT-2006 03:06:31	Bright	33.000	22	32Alp Leo	1.3600	15200.	66	24048	No
27	GOM_NL__2PRFIN20061006_032254_000000432051_00447_24048_2381.N1	06-OCT-2006 03:22:54	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	24048	No
28	GOM_NL__2PRFIN20061006_032609_000000382051_00447_24048_2382.N1	06-OCT-2006 03:26:09	Dark	38.000	46	Del Vel	1.9540	10600.	76	24048	No
29	GOM_NL__2PRFIN20061006_032745_000000462051_00448_24049_2371.N1	06-OCT-2006 03:27:45	Dark	46.000	41	Eps Car	1.8600	4100.0	92	24049	No
30	GOM_NL__2PRFIN20061006_033957_000000382051_00448_24049_2372.N1	06-OCT-2006 03:39:57	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	24049	No
31	GOM_NL__2PRFIN20061006_034124_000000512051_00448_24049_2373.N1	06-OCT-2006 03:41:24	Dark	50.500	9	Alp Eri	0.45300	24000.	101	24049	No
32	GOM_NL__2PRFIN20061006_034639_000000412051_00448_24049_2374.N1	06-OCT-2006 03:46:39	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	24049	No
33	GOM_NL__2PRFIN20061006_040332_000000362051_00448_24049_2375.N1	06-OCT-2006 04:03:32	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	24049	No
34	GOM_NL__2PRFIN20061006_040708_000000382051_00448_24049_2376.N1	06-OCT-2006 04:07:08	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	24049	No
35	GOM_NL__2PRFIN20061006_042426_000000352051_00448_24049_2377.N1	06-OCT-2006 04:24:26	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	24049	No
36	GOM_NL__2PRFIN20061006_043231_000000362051_00448_24049_2378.N1	06-OCT-2006 04:32:31	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	24049	No
37	GOM_NL__2PRFIN20061006_043402_000000342051_00448_24049_2379.N1	06-OCT-2006 04:34:02	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	24049	No
38	GOM_NL__2PRFIN20061006_043718_000000342051_00448_24049_2380.N1	06-OCT-2006 04:37:18	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	24049	No
39	GOM_NL__2PRFIN20061006_044707_000000352051_00448_24049_2381.N1	06-OCT-2006 04:47:07	Bright	35.000	22	32Alp Leo	1.3600	15200.	70	24049	No
40	GOM_NL__2PRFIN20061006_050330_000000442051_00448_24049_2382.N1	06-OCT-2006 05:03:30	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	24049	No
41	GOM_NL__2PRFIN20061006_050646_000000412051_00448_24049_2383.N1	06-OCT-2006 05:06:46	Dark	41.000	46	Del Vel	1.9540	10600.	82	24049	No
42	GOM_NL__2PRFIN20061006_050821_000000442051_00449_24050_2371.N1	06-OCT-2006 05:08:21	Dark	44.000	41	Eps Car	1.8600	4100.0	88	24050	No

43	GOM_NL__2PRFIN20061006_052033_000000372051_00449_24050_2372.N1	06-OCT-2006 05:20:33	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	24050	No
44	GOM_NL__2PRFIN20061006_052201_000000422051_00449_24050_2373.N1	06-OCT-2006 05:22:01	Dark	42.000	9	Alp Eri	0.45300	24000.	84	24050	No
45	GOM_NL__2PRFIN20061006_052715_000000402051_00449_24050_2374.N1	06-OCT-2006 05:27:15	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	24050	No
46	GOM_NL__2PRFIN20061006_054408_000000372051_00449_24050_2375.N1	06-OCT-2006 05:44:08	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	24050	No
47	GOM_NL__2PRFIN20061006_054744_000000352051_00449_24050_2376.N1	06-OCT-2006 05:47:44	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	24050	No
48	GOM_NL__2PRFIN20061006_060502_000000352051_00449_24050_2377.N1	06-OCT-2006 06:05:02	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	24050	No
49	GOM_NL__2PRFIN20061006_061307_000000372051_00449_24050_2378.N1	06-OCT-2006 06:13:07	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24050	No
50	GOM_NL__2PRFIN20061006_061438_000000342051_00449_24050_2379.N1	06-OCT-2006 06:14:38	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	24050	No
51	GOM_NL__2PRFIN20061006_061755_000000342051_00449_24050_2380.N1	06-OCT-2006 06:17:55	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	24050	No
52	GOM_NL__2PRFIN20061006_062744_000000352051_00449_24050_2381.N1	06-OCT-2006 06:27:44	Bright	34.500	22	32Alp Leo	1.3600	15200.	69	24050	No
53	GOM_NL__2PRFIN20061006_064407_000000432051_00449_24050_2382.N1	06-OCT-2006 06:44:07	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	24050	No
54	GOM_NL__2PRFIN20061006_064722_000000392051_00449_24050_2383.N1	06-OCT-2006 06:47:22	Dark	39.000	46	Del Vel	1.9540	10600.	78	24050	No
55	GOM_NL__2PRFIN20061006_070110_000000382051_00450_24051_2371.N1	06-OCT-2006 07:01:10	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	24051	No
56	GOM_NL__2PRFIN20061006_070237_000000432051_00450_24051_2372.N1	06-OCT-2006 07:02:37	Dark	43.000	9	Alp Eri	0.45300	24000.	86	24051	No
57	GOM_NL__2PRFIN20061006_070751_000000392051_00450_24051_2373.N1	06-OCT-2006 07:07:51	Straylight	38.500	84	Alp Phe	2.3970	4500.0	77	24051	No
58	GOM_NL__2PRFIN20061006_072445_000000372051_00450_24051_2374.N1	06-OCT-2006 07:24:45	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	24051	No
59	GOM_NL__2PRFIN20061006_072820_000000362051_00450_24051_2375.N1	06-OCT-2006 07:28:20	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	24051	No
60	GOM_NL__2PRFIN20061006_074538_000000352051_00450_24051_2376.N1	06-OCT-2006 07:45:38	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	24051	No
61	GOM_NL__2PRFIN20061006_075343_000000362051_00450_24051_2377.N1	06-OCT-2006 07:53:43	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	24051	No
62	GOM_NL__2PRFIN20061006_075514_000000352051_00450_24051_2378.N1	06-OCT-2006 07:55:14	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	24051	No
63	GOM_NL__2PRFIN20061006_075831_000000342051_00450_24051_2379.N1	06-OCT-2006 07:58:31	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	24051	No
64	GOM_NL__2PRFIN20061006_080820_000000322051_00450_24051_2380.N1	06-OCT-2006 08:08:20	Bright	32.000	22	32Alp Leo	1.3600	15200.	64	24051	No
65	GOM_NL__2PRFIN20061006_082443_000000462051_00450_24051_2381.N1	06-OCT-2006 08:24:43	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	24051	No
66	GOM_NL__2PRFIN20061006_082758_000000392051_00450_24051_2382.N1	06-OCT-2006 08:27:58	Dark	38.500	46	Del Vel	1.9540	10600.	77	24051	No
67	GOM_NL__2PRFIN20061006_084146_000000382051_00451_24052_2391.N1	06-OCT-2006 08:41:46	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	24052	No
68	GOM_NL__2PRFIN20061006_084313_000000482051_00451_24052_2392.N1	06-OCT-2006 08:43:13	Dark	47.500	9	Alp Eri	0.45300	24000.	95	24052	No
69	GOM_NL__2PRFIN20061006_084828_000000432051_00451_24052_2393.N1	06-OCT-2006 08:48:28	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	24052	No
70	GOM_NL__2PRFIN20061006_090521_000000362051_00451_24052_2394.N1	06-OCT-2006 09:05:21	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	24052	No
71	GOM_NL__2PRFIN20061006_090856_000000372051_00451_24052_2395.N1	06-OCT-2006 09:08:56	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	24052	No
72	GOM_NL__2PRFIN20061006_092614_000000352051_00451_24052_2396.N1	06-OCT-2006 09:26:14	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	24052	No
73	GOM_NL__2PRFIN20061006_093419_000000382051_00451_24052_2397.N1	06-OCT-2006 09:34:19	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24052	No
74	GOM_NL__2PRFIN20061006_093550_000000362051_00451_24052_2398.N1	06-OCT-2006 09:35:50	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	24052	No
75	GOM_NL__2PRFIN20061006_093906_000000352051_00451_24052_2399.N1	06-OCT-2006 09:39:06	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	24052	No
76	GOM_NL__2PRFIN20061006_094856_000000332051_00451_24052_2400.N1	06-OCT-2006 09:48:56	Bright	32.500	22	32Alp Leo	1.3600	15200.	65	24052	No
77	GOM_NL__2PRFIN20061006_100520_000000442051_00451_24052_2401.N1	06-OCT-2006 10:05:20	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	24052	No
78	GOM_NL__2PRFIN20061006_100835_000000392051_00451_24052_2402.N1	06-OCT-2006 10:08:35	Dark	38.500	46	Del Vel	1.9540	10600.	77	24052	No
79	GOM_NL__2PRFIN20061006_101010_000000462051_00452_24053_2391.N1	06-OCT-2006 10:10:10	Dark	45.500	41	Eps Car	1.8600	4100.0	91	24053	No
80	GOM_NL__2PRFIN20061006_102222_000000382051_00452_24053_2392.N1	06-OCT-2006 10:22:22	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	24053	No
81	GOM_NL__2PRFIN20061006_102350_000000432051_00452_24053_2393.N1	06-OCT-2006 10:23:50	Dark	43.000	9	Alp Eri	0.45300	24000.	86	24053	No
82	GOM_NL__2PRFIN20061006_102904_000000402051_00452_24053_2394.N1	06-OCT-2006 10:29:04	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	24053	No
83	GOM_NL__2PRFIN20061006_104557_000000362051_00452_24053_2395.N1	06-OCT-2006 10:45:57	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	24053	No
84	GOM_NL__2PRFIN20061006_104932_000000362051_00452_24053_2396.N1	06-OCT-2006 10:49:32	Bright	36.000	93	53Bet Peg	2.5200	3100.0	72	24053	No
85	GOM_NL__2PRFIN20061006_110650_000000362051_00452_24053_2397.N1	06-OCT-2006 11:06:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	24053	No
86	GOM_NL__2PRFIN20061006_111455_000000372051_00452_24053_2398.N1	06-OCT-2006 11:14:55	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24053	No
87	GOM_NL__2PRFIN20061006_111626_000000352051_00452_24053_2399.N1	06-OCT-2006 11:16:26	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	24053	No
88	GOM_NL__2PRFIN20061006_111942_000000332051_00452_24053_2400.N1	06-OCT-2006 11:19:42	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	24053	No
89	GOM_NL__2PRFIN20061006_112932_000000342051_00452_24053_2401.N1	06-OCT-2006 11:29:32	Bright	33.500	22	32Alp Leo	1.3600	15200.	67	24053	No
90	GOM_NL__2PRFIN20061006_114556_000000432051_00452_24053_2402.N1	06-OCT-2006 11:45:56	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	24053	No
91	GOM_NL__2PRFIN20061006_114911_000000442051_00452_24053_2403.N1	06-OCT-2006 11:49:11	Dark	43.500	46	Del Vel	1.9540	10600.	87	24053	No
92	GOM_NL__2PRFIN20061006_115046_000000402051_00453_24054_2391.N1	06-OCT-2006 11:50:46	Dark	39.500	41	Eps Car	1.8600	4100.0	79	24054	No
93	GOM_NL__2PRFIN20061006_120258_000000382051_00453_24054_2392.N1	06-OCT-2006 12:02:58	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	24054	No
94	GOM_NL__2PRFIN20061006_120426_000000402051_00453_24054_2393.N1	06-OCT-2006 12:04:26	Dark	39.500	9	Alp Eri	0.45300	24000.	79	24054	No
95	GOM_NL__2PRFIN20061006_120940_000000402051_00453_24054_2394.N1	06-OCT-2006 12:09:40	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	24054	No
96	GOM_NL__2PRFIN20061006_122633_000000372051_00453_24054_2395.N1	06-OCT-2006 12:26:33	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	24054	No
97	GOM_NL__2PRFIN20061006_123008_000000382051_00453_24054_2396.N1	06-OCT-2006 12:30:08	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	24054	No
98	GOM_NL__2PRFIN20061006_124726_000000352051_00453_24054_2397.N1	06-OCT-2006 12:47:26	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	24054	No
99	GOM_NL__2PRFIN20061006_125531_000000342051_00453_24054_2398.N1	06-OCT-2006 12:55:31	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	24054	No
100	GOM_NL__2PRFIN20061006_125702_000000362051_00453_24054_2399.N1	06-OCT-2006 12:57:02	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	24054	No
101	GOM_NL__2PRFIN20061006_130019_000000332051_00453_24054_2400.N1	06-OCT-2006 13:00:19	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	24054	No

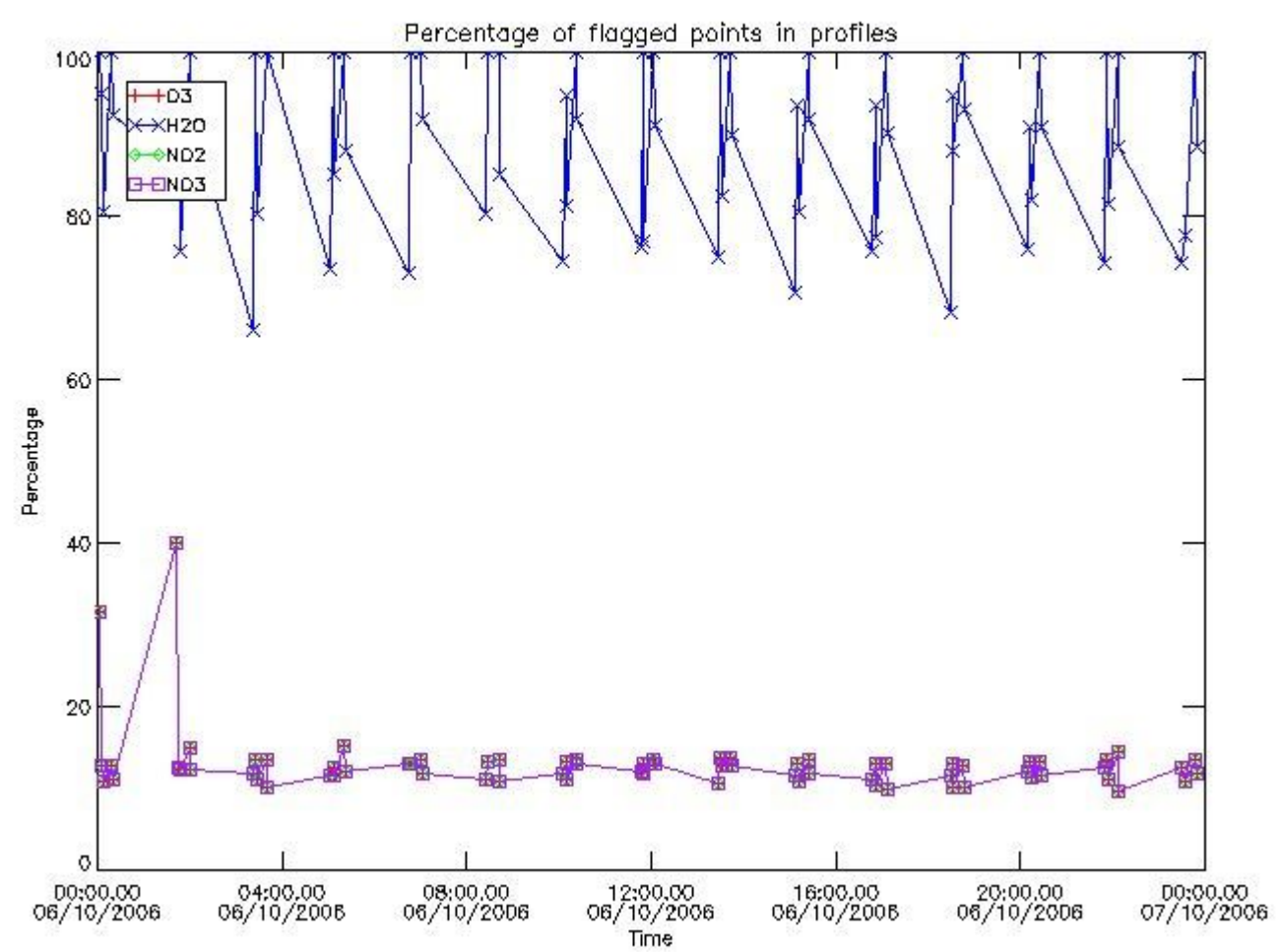
102	GOM_NL__2PRFIN20061006_131008_000000362051_00453_24054_2401.N1	06-OCT-2006 13:10:08	Bright	35.500	22	32Alp Leo	1.3600	15200.	71	24054	No
103	GOM_NL__2PRFIN20061006_132632_000000492051_00453_24054_2402.N1	06-OCT-2006 13:26:32	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	24054	No
104	GOM_NL__2PRFIN20061006_132947_000000412051_00453_24054_2403.N1	06-OCT-2006 13:29:47	Dark	40.500	46	Del Vel	1.9540	10600.	81	24054	No
105	GOM_NL__2PRFIN20061006_133123_000000402051_00454_24055_2391.N1	06-OCT-2006 13:31:23	Dark	40.000	41	Eps Car	1.8600	4100.0	80	24055	No
106	GOM_NL__2PRFIN20061006_134335_000000372051_00454_24055_2392.N1	06-OCT-2006 13:43:35	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	24055	No
107	GOM_NL__2PRFIN20061006_134502_000000402051_00454_24055_2393.N1	06-OCT-2006 13:45:02	Dark	40.000	9	Alp Eri	0.45300	24000.	80	24055	No
108	GOM_NL__2PRFIN20061006_135016_000000422051_00454_24055_2394.N1	06-OCT-2006 13:50:16	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	24055	No
109	GOM_NL__2PRFIN20061006_140709_000000362051_00454_24055_2395.N1	06-OCT-2006 14:07:09	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	24055	No
110	GOM_NL__2PRFIN20061006_141044_000000522051_00454_24055_2396.N1	06-OCT-2006 14:10:44	Bright	52.000	93	53Bet Peg	2.5200	3100.0	104	24055	No
111	GOM_NL__2PRFIN20061006_142802_000000362051_00454_24055_2397.N1	06-OCT-2006 14:28:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	24055	No
112	GOM_NL__2PRFIN20061006_143607_000000382051_00454_24055_2398.N1	06-OCT-2006 14:36:07	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24055	No
113	GOM_NL__2PRFIN20061006_143739_000000352051_00454_24055_2399.N1	06-OCT-2006 14:37:39	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	24055	No
114	GOM_NL__2PRFIN20061006_144055_000000442051_00454_24055_2400.N1	06-OCT-2006 14:40:55	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	24055	No
115	GOM_NL__2PRFIN20061006_145045_000000362051_00454_24055_2401.N1	06-OCT-2006 14:50:45	Bright	36.000	22	32Alp Leo	1.3600	15200.	72	24055	No
116	GOM_NL__2PRFIN20061006_150709_000000452051_00454_24055_2402.N1	06-OCT-2006 15:07:09	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	24055	No
117	GOM_NL__2PRFIN20061006_151024_000000392051_00454_24055_2403.N1	06-OCT-2006 15:10:24	Dark	39.000	46	Del Vel	1.9540	10600.	78	24055	No
118	GOM_NL__2PRFIN20061006_151159_000000472051_00455_24056_2391.N1	06-OCT-2006 15:11:59	Dark	46.500	41	Eps Car	1.8600	4100.0	93	24056	No
119	GOM_NL__2PRFIN20061006_152411_000000382051_00455_24056_2392.N1	06-OCT-2006 15:24:11	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	24056	No
120	GOM_NL__2PRFIN20061006_152538_000000432051_00455_24056_2393.N1	06-OCT-2006 15:25:38	Dark	43.000	9	Alp Eri	0.45300	24000.	86	24056	No
121	GOM_NL__2PRFIN20061006_153052_000000432051_00455_24056_2394.N1	06-OCT-2006 15:30:52	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	24056	No
122	GOM_NL__2PRFIN20061006_154745_000000372051_00455_24056_2395.N1	06-OCT-2006 15:47:45	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	24056	No
123	GOM_NL__2PRFIN20061006_155120_000000362051_00455_24056_2396.N1	06-OCT-2006 15:51:20	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	24056	No
124	GOM_NL__2PRFIN20061006_160838_000000362051_00455_24056_2397.N1	06-OCT-2006 16:08:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	24056	No
125	GOM_NL__2PRFIN20061006_161643_000000352051_00455_24056_2398.N1	06-OCT-2006 16:16:43	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	24056	No
126	GOM_NL__2PRFIN20061006_161814_000000332051_00455_24056_2399.N1	06-OCT-2006 16:18:14	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	24056	No
127	GOM_NL__2PRFIN20061006_162131_000000342051_00455_24056_2400.N1	06-OCT-2006 16:21:31	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	24056	No
128	GOM_NL__2PRFIN20061006_163121_000000532051_00455_24056_2401.N1	06-OCT-2006 16:31:21	Bright	53.000	22	32Alp Leo	1.3600	15200.	106	24056	No
129	GOM_NL__2PRFIN20061006_164745_000000462051_00455_24056_2402.N1	06-OCT-2006 16:47:45	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	24056	No
130	GOM_NL__2PRFIN20061006_165100_000000402051_00455_24056_2403.N1	06-OCT-2006 16:51:00	Dark	39.500	46	Del Vel	1.9540	10600.	79	24056	No
131	GOM_NL__2PRFIN20061006_165235_000000492051_00456_24057_2391.N1	06-OCT-2006 16:52:35	Dark	49.000	41	Eps Car	1.8600	4100.0	98	24057	No
132	GOM_NL__2PRFIN20061006_170447_000000392051_00456_24057_2392.N1	06-OCT-2006 17:04:47	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	24057	No
133	GOM_NL__2PRFIN20061006_170615_000000522051_00456_24057_2393.N1	06-OCT-2006 17:06:15	Dark	51.500	9	Alp Eri	0.45300	24000.	103	24057	No
134	GOM_NL__2PRFIN20061006_171128_000000422051_00456_24057_2394.N1	06-OCT-2006 17:11:28	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	24057	No
135	GOM_NL__2PRFIN20061006_172821_000000372051_00456_24057_2395.N1	06-OCT-2006 17:28:21	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	24057	No
136	GOM_NL__2PRFIN20061006_173156_000000382051_00456_24057_2396.N1	06-OCT-2006 17:31:56	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	24057	No
137	GOM_NL__2PRFIN20061006_174914_000000522051_00456_24057_2397.N1	06-OCT-2006 17:49:14	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	24057	No
138	GOM_NL__2PRFIN20061006_175719_000000372051_00456_24057_2398.N1	06-OCT-2006 17:57:19	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	24057	No
139	GOM_NL__2PRFIN20061006_175851_000000372051_00456_24057_2399.N1	06-OCT-2006 17:58:51	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	24057	No
140	GOM_NL__2PRFIN20061006_180207_000000342051_00456_24057_2400.N1	06-OCT-2006 18:02:07	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	24057	No
141	GOM_NL__2PRFIN20061006_181157_000000532051_00456_24057_2401.N1	06-OCT-2006 18:11:57	Bright	53.000	22	32Alp Leo	1.3600	15200.	106	24057	No
142	GOM_NL__2PRFIN20061006_182822_000000452051_00456_24057_2402.N1	06-OCT-2006 18:28:22	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	24057	No
143	GOM_NL__2PRFIN20061006_183137_000000392051_00456_24057_2403.N1	06-OCT-2006 18:31:37	Dark	39.000	46	Del Vel	1.9540	10600.	78	24057	No
144	GOM_NL__2PRFIN20061006_183312_000000512051_00457_24058_2391.N1	06-OCT-2006 18:33:12	Dark	50.500	41	Eps Car	1.8600	4100.0	101	24058	No
145	GOM_NL__2PRFIN20061006_184524_000000402051_00457_24058_2392.N1	06-OCT-2006 18:45:24	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	24058	No
146	GOM_NL__2PRFIN20061006_184651_000000502051_00457_24058_2393.N1	06-OCT-2006 18:46:51	Dark	49.500	9	Alp Eri	0.45300	24000.	99	24058	No
147	GOM_NL__2PRFIN20061006_185205_000000392051_00457_24058_2394.N1	06-OCT-2006 18:52:05	Straylight	39.000	84	Alp Phe	2.3970	4500.0	78	24058	No
148	GOM_NL__2PRFIN20061006_191232_000000372051_00457_24058_2395.N1	06-OCT-2006 19:12:32	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	24058	No
149	GOM_NL__2PRFIN20061006_192950_000000362051_00457_24058_2396.N1	06-OCT-2006 19:29:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	24058	No
150	GOM_NL__2PRFIN20061006_193755_000000342051_00457_24058_2397.N1	06-OCT-2006 19:37:55	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	24058	No
151	GOM_NL__2PRFIN20061006_193927_000000332051_00457_24058_2398.N1	06-OCT-2006 19:39:27	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	24058	No
152	GOM_NL__2PRFIN20061006_194243_000000352051_00457_24058_2399.N1	06-OCT-2006 19:42:43	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	24058	No
153	GOM_NL__2PRFIN20061006_195233_000000372051_00457_24058_2400.N1	06-OCT-2006 19:52:33	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	24058	No
154	GOM_NL__2PRFIN20061006_200858_000000422051_00457_24058_2401.N1	06-OCT-2006 20:08:58	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	24058	No
155	GOM_NL__2PRFIN20061006_201213_000000392051_00457_24058_2402.N1	06-OCT-2006 20:12:13	Dark	38.500	46	Del Vel	1.9540	10600.	77	24058	No
156	GOM_NL__2PRFIN20061006_201348_000000452051_00458_24059_2391.N1	06-OCT-2006 20:13:48	Dark	45.000	41	Eps Car	1.8600	4100.0	90	24059	No
157	GOM_NL__2PRFIN20061006_202600_000000392051_00458_24059_2392.N1	06-OCT-2006 20:26:00	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	24059	No
158	GOM_NL__2PRFIN20061006_202727_000000442051_00458_24059_2393.N1	06-OCT-2006 20:27:27	Dark	44.000	9	Alp Eri	0.45300	24000.	88	24059	No
159	GOM_NL__2PRFIN20061006_203241_000000452051_00458_24059_2394.N1	06-OCT-2006 20:32:41	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	24059	No
160	GOM_NL__2PRFIN20061006_205308_000000352051_00458_24059_2395.N1	06-OCT-2006 20:53:08	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	24059	No

161	GOM_NL__2PRFIN20061006_211026_000000362051_00458_24059_2396.N1	06-OCT-2006 21:10:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	24059	No
162	GOM_NL__2PRFIN20061006_211831_000000372051_00458_24059_2397.N1	06-OCT-2006 21:18:31	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24059	No
163	GOM_NL__2PRFIN20061006_212003_000000352051_00458_24059_2398.N1	06-OCT-2006 21:20:03	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	24059	No
164	GOM_NL__2PRFIN20061006_212319_000000352051_00458_24059_2399.N1	06-OCT-2006 21:23:19	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	24059	No
165	GOM_NL__2PRFIN20061006_213309_000000342051_00458_24059_2400.N1	06-OCT-2006 21:33:09	Bright	33.500	22	32Alp Leo	1.3600	15200.	67	24059	No
166	GOM_NL__2PRFIN20061006_214934_000000412051_00458_24059_2401.N1	06-OCT-2006 21:49:34	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	24059	No
167	GOM_NL__2PRFIN20061006_215249_000000382051_00458_24059_2402.N1	06-OCT-2006 21:52:49	Dark	38.000	46	Del Vel	1.9540	10600.	76	24059	No
168	GOM_NL__2PRFIN20061006_215425_000000462051_00459_24060_2391.N1	06-OCT-2006 21:54:25	Dark	46.000	41	Eps Car	1.8600	4100.0	92	24060	No
169	GOM_NL__2PRFIN20061006_220636_000000392051_00459_24060_2392.N1	06-OCT-2006 22:06:36	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	24060	No
170	GOM_NL__2PRFIN20061006_220803_000000522051_00459_24060_2393.N1	06-OCT-2006 22:08:03	Dark	52.000	9	Alp Eri	0.45300	24000.	104	24060	No
171	GOM_NL__2PRFIN20061006_221317_000000392051_00459_24060_2394.N1	06-OCT-2006 22:13:17	Straylight	39.000	84	Alp Phe	2.3970	4500.0	78	24060	No
172	GOM_NL__2PRFIN20061006_223344_000000372051_00459_24060_2395.N1	06-OCT-2006 22:33:44	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	24060	No
173	GOM_NL__2PRFIN20061006_225101_000000332051_00459_24060_2396.N1	06-OCT-2006 22:51:01	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	24060	No
174	GOM_NL__2PRFIN20061006_225907_000000372051_00459_24060_2397.N1	06-OCT-2006 22:59:07	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24060	No
175	GOM_NL__2PRFIN20061006_230039_000000352051_00459_24060_2398.N1	06-OCT-2006 23:00:39	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	24060	No
176	GOM_NL__2PRFIN20061006_230355_000000462051_00459_24060_2399.N1	06-OCT-2006 23:03:55	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	24060	No
177	GOM_NL__2PRFIN20061006_231345_000000342051_00459_24060_2400.N1	06-OCT-2006 23:13:45	Bright	34.000	22	32Alp Leo	1.3600	15200.	68	24060	No
178	GOM_NL__2PRFIN20061006_233011_000000492051_00459_24060_2401.N1	06-OCT-2006 23:30:11	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	24060	No
179	GOM_NL__2PRFIN20061006_233501_000000482051_00460_24061_2391.N1	06-OCT-2006 23:35:01	Dark	47.500	41	Eps Car	1.8600	4100.0	95	24061	No
180	GOM_NL__2PRFIN20061006_234712_000000382051_00460_24061_2392.N1	06-OCT-2006 23:47:12	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	24061	No
181	GOM_NL__2PRFIN20061006_234840_000000442051_00460_24061_2393.N1	06-OCT-2006 23:48:40	Dark	43.500	9	Alp Eri	0.45300	24000.	87	24061	No
182	GOM_NL__2PRFIN20061006_235353_000000412051_00460_24061_2394.N1	06-OCT-2006 23:53:53	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	24061	No

3. Quality information per product

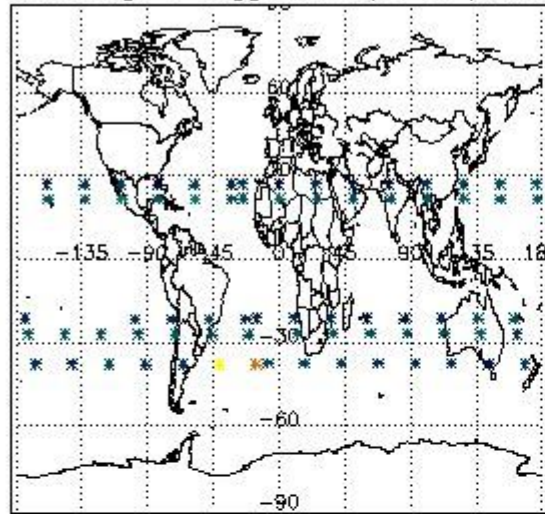
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

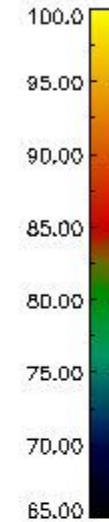
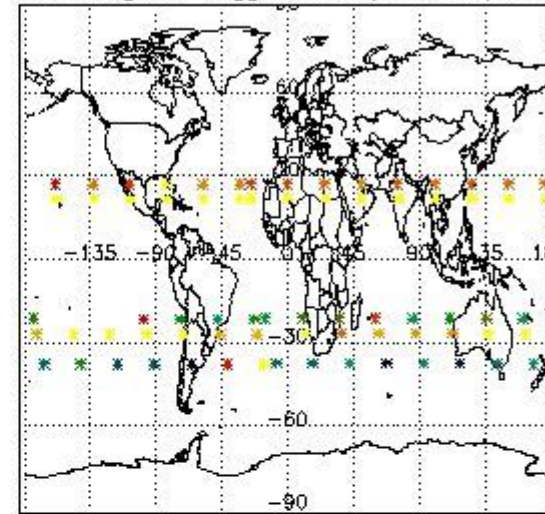


3.2 Plot quality information per product (world map)

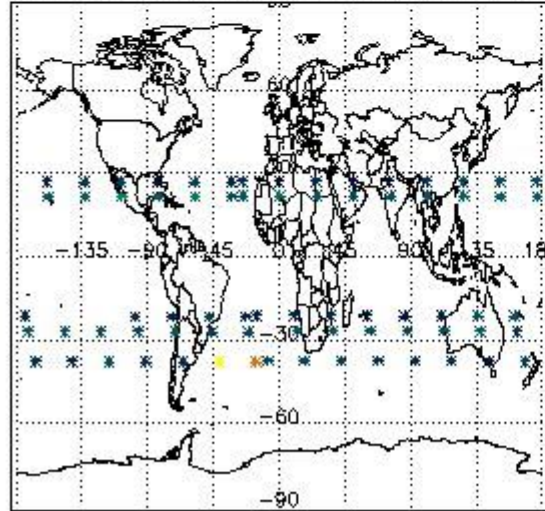
Percentage of flagged data per O3 profile



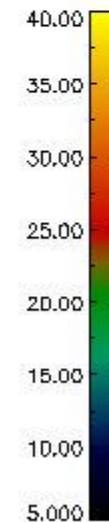
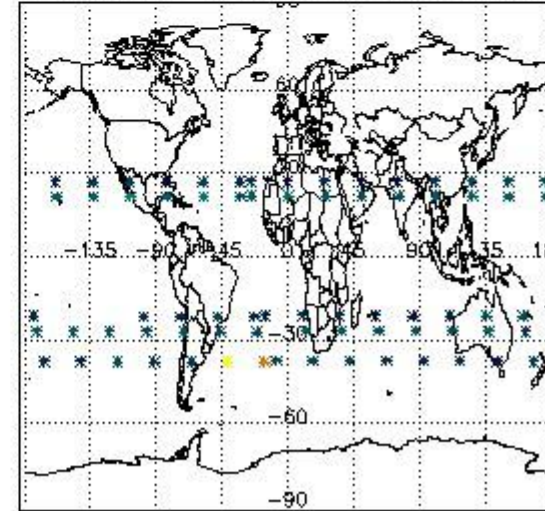
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

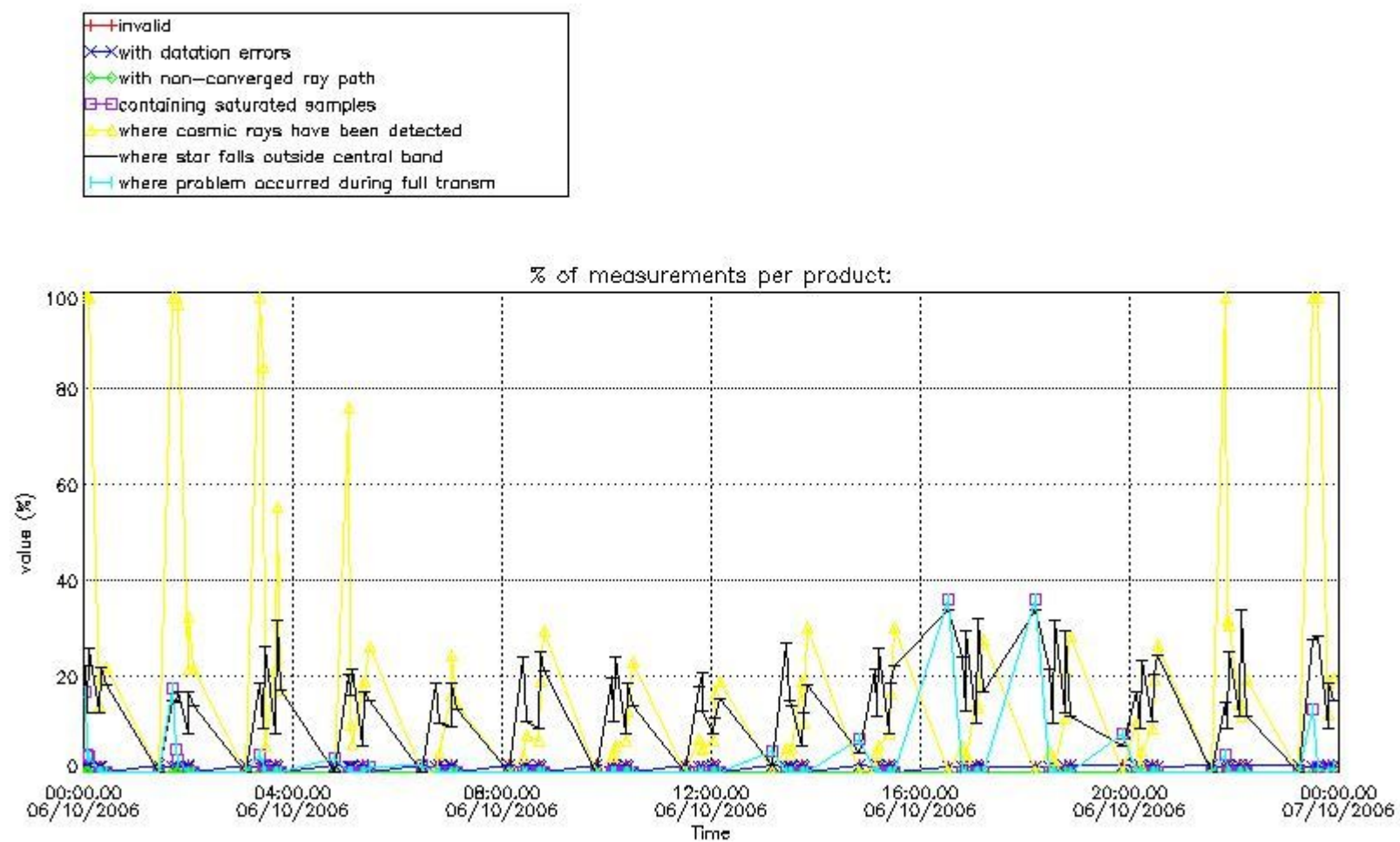


4. Level 1 quality information per product

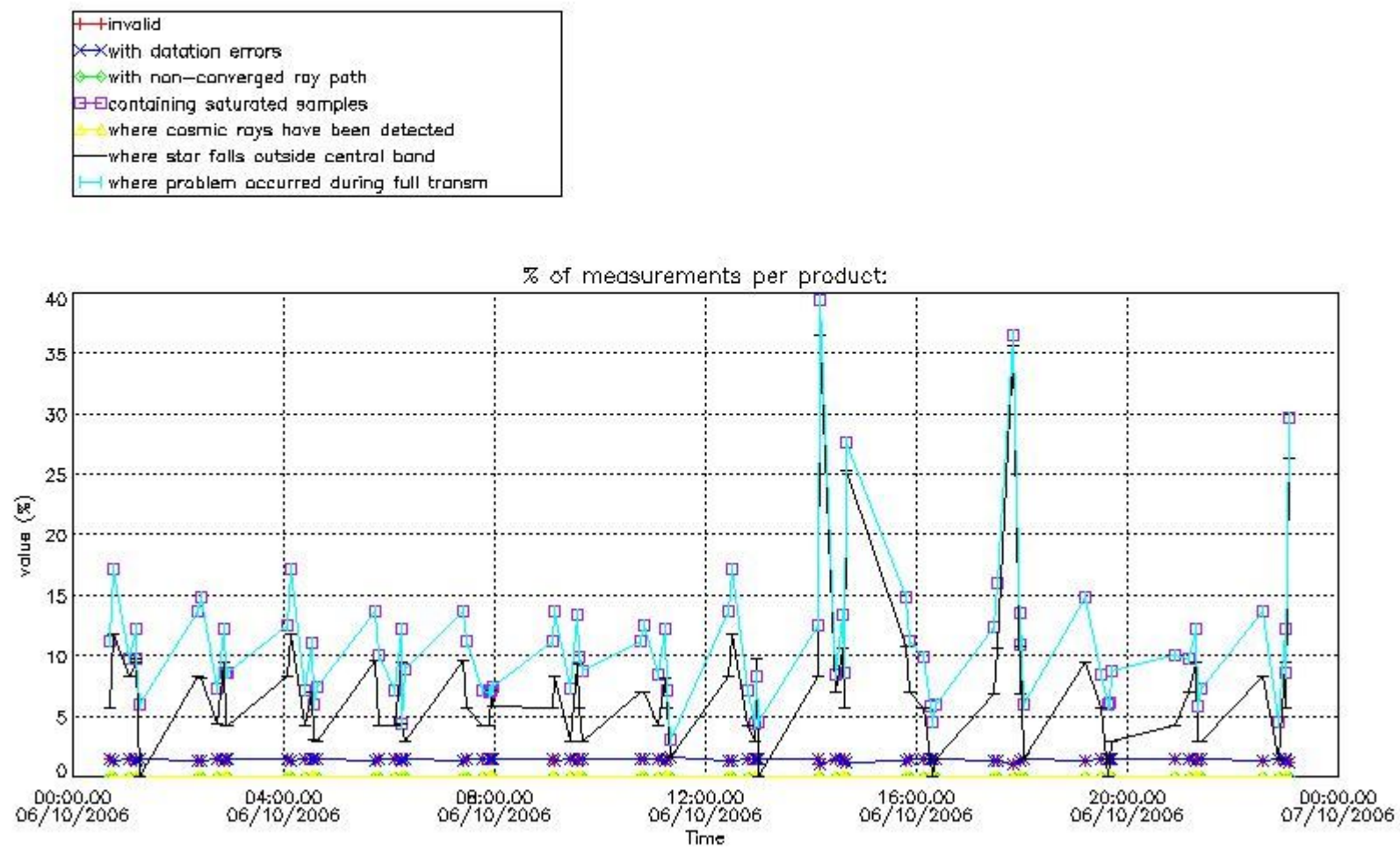
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



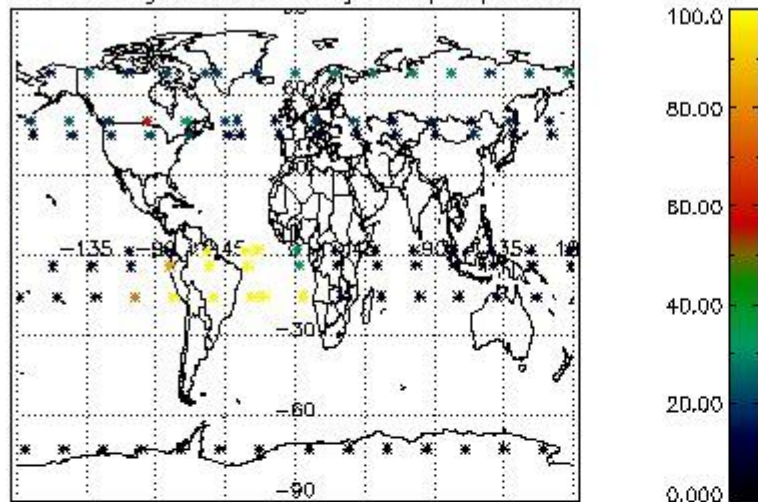
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



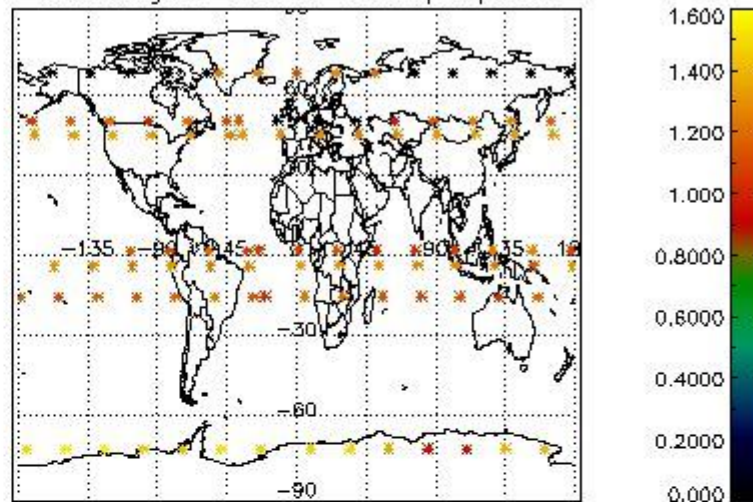
4.2 Plot quality information per product coming from level 1b processing (world map)

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

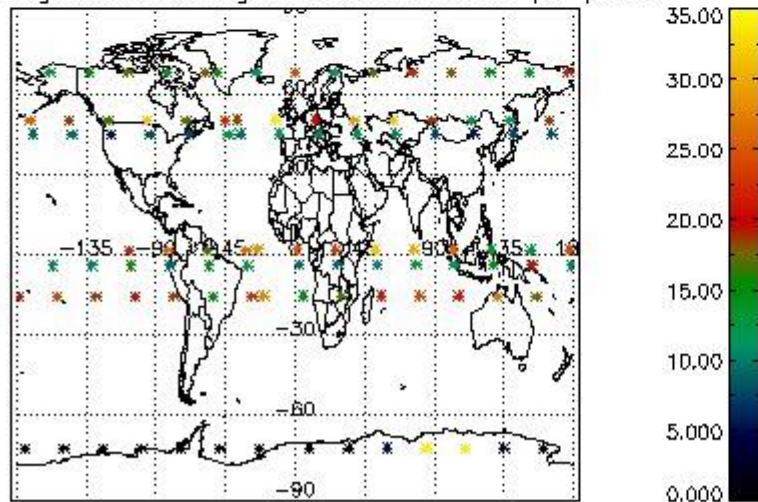
Percentage of cosmic ray hits per profile



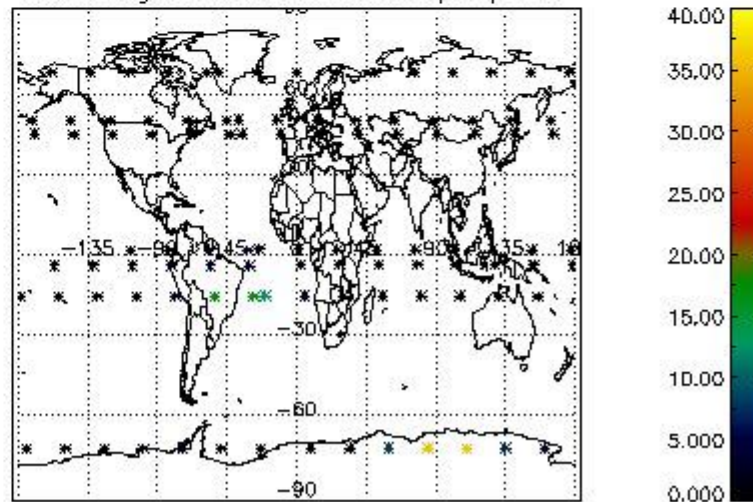
Percentage of datation errors per profile



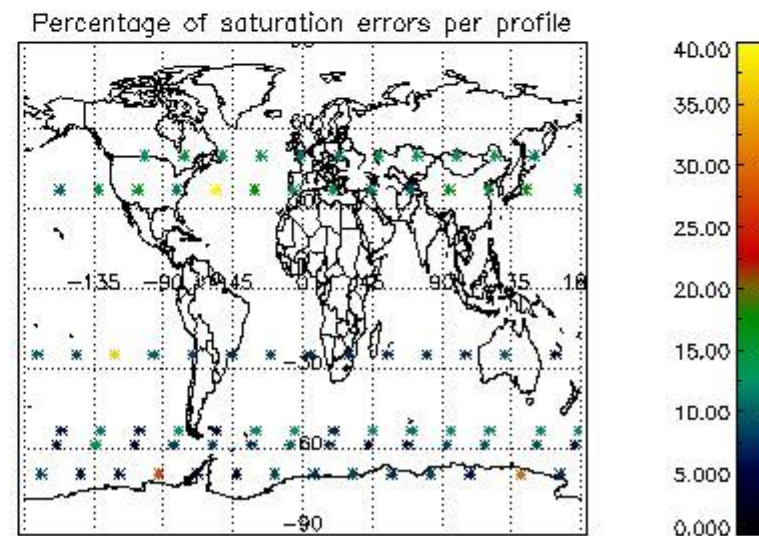
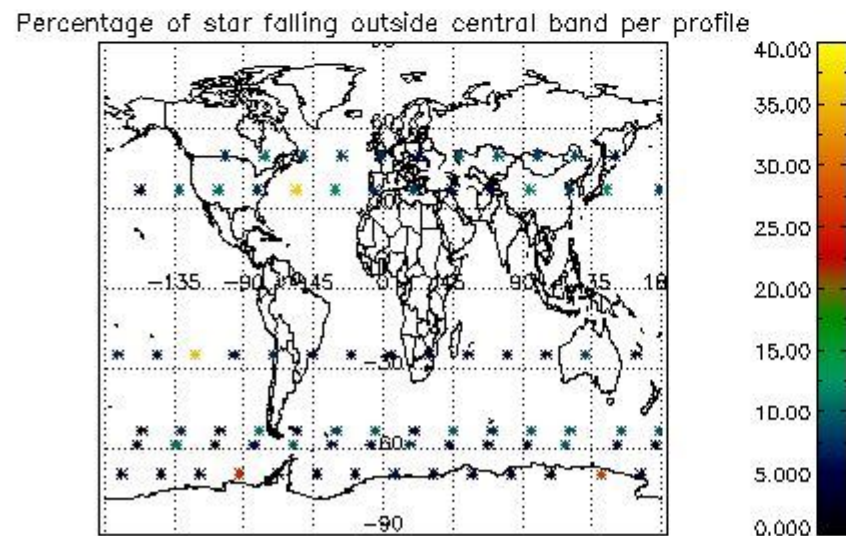
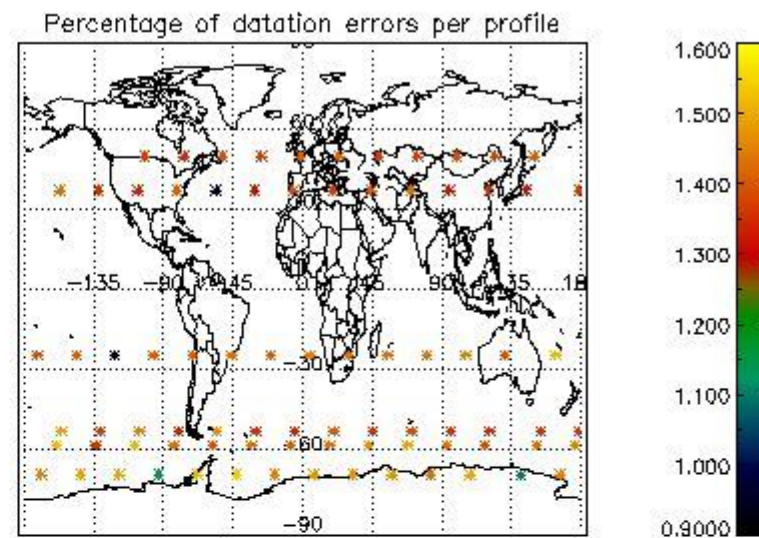
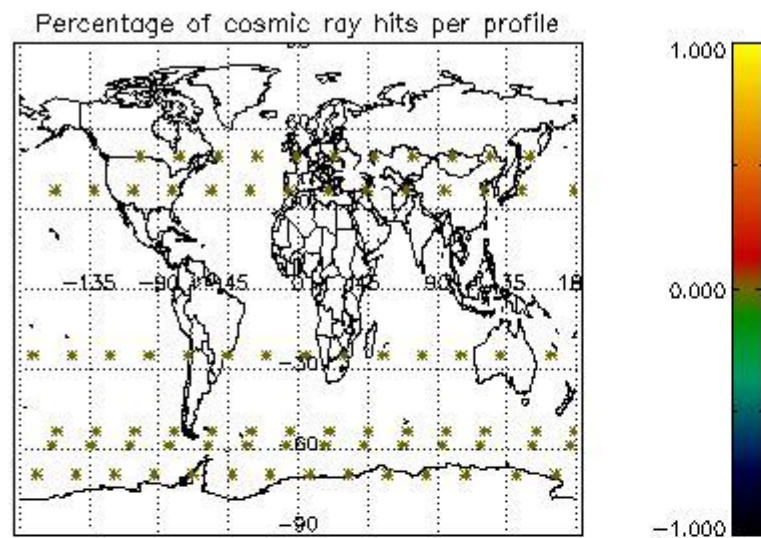
Percentage of star falling outside central band per profile



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

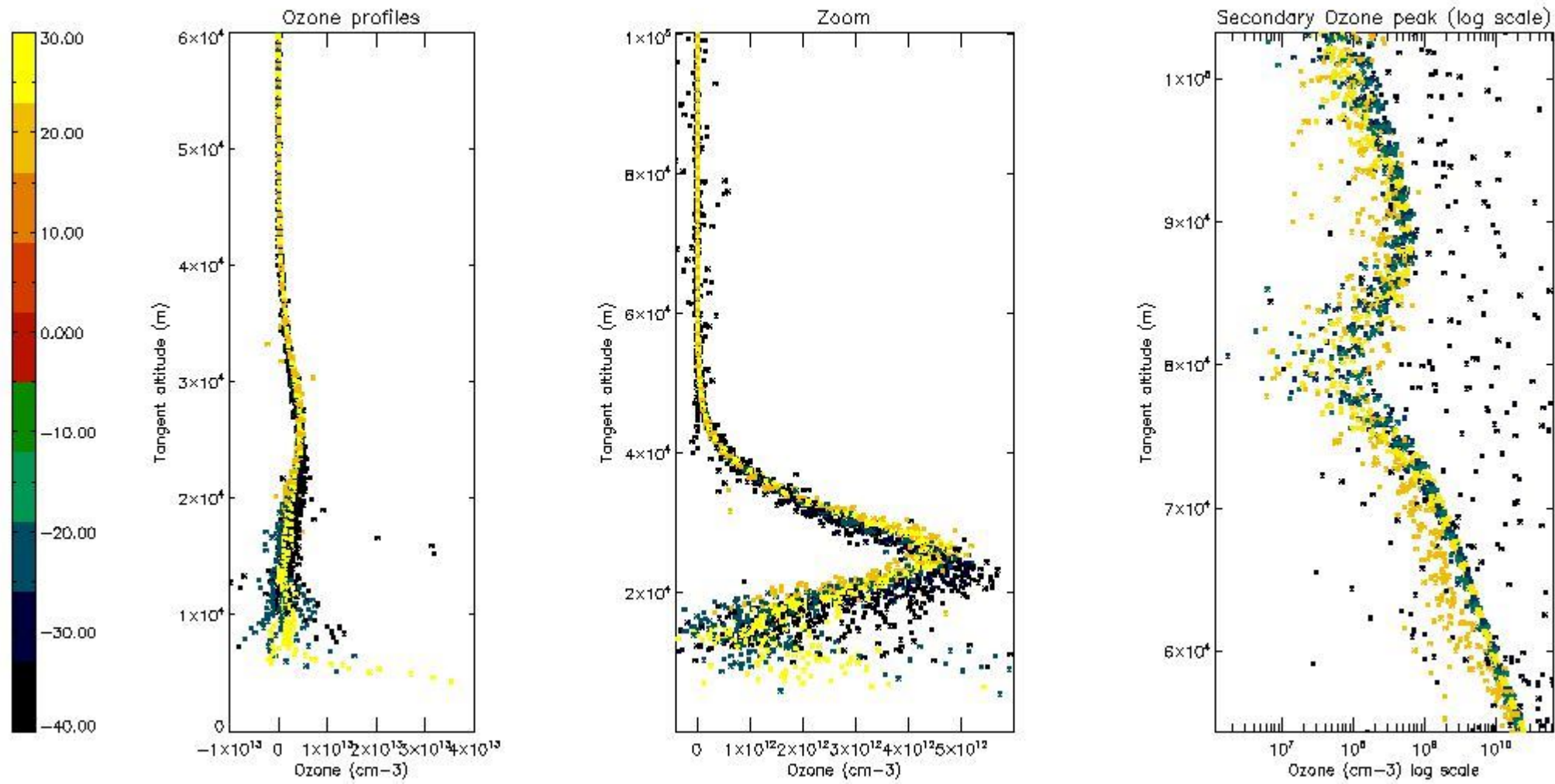
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	22

STD < 10	17
STD < 5	8

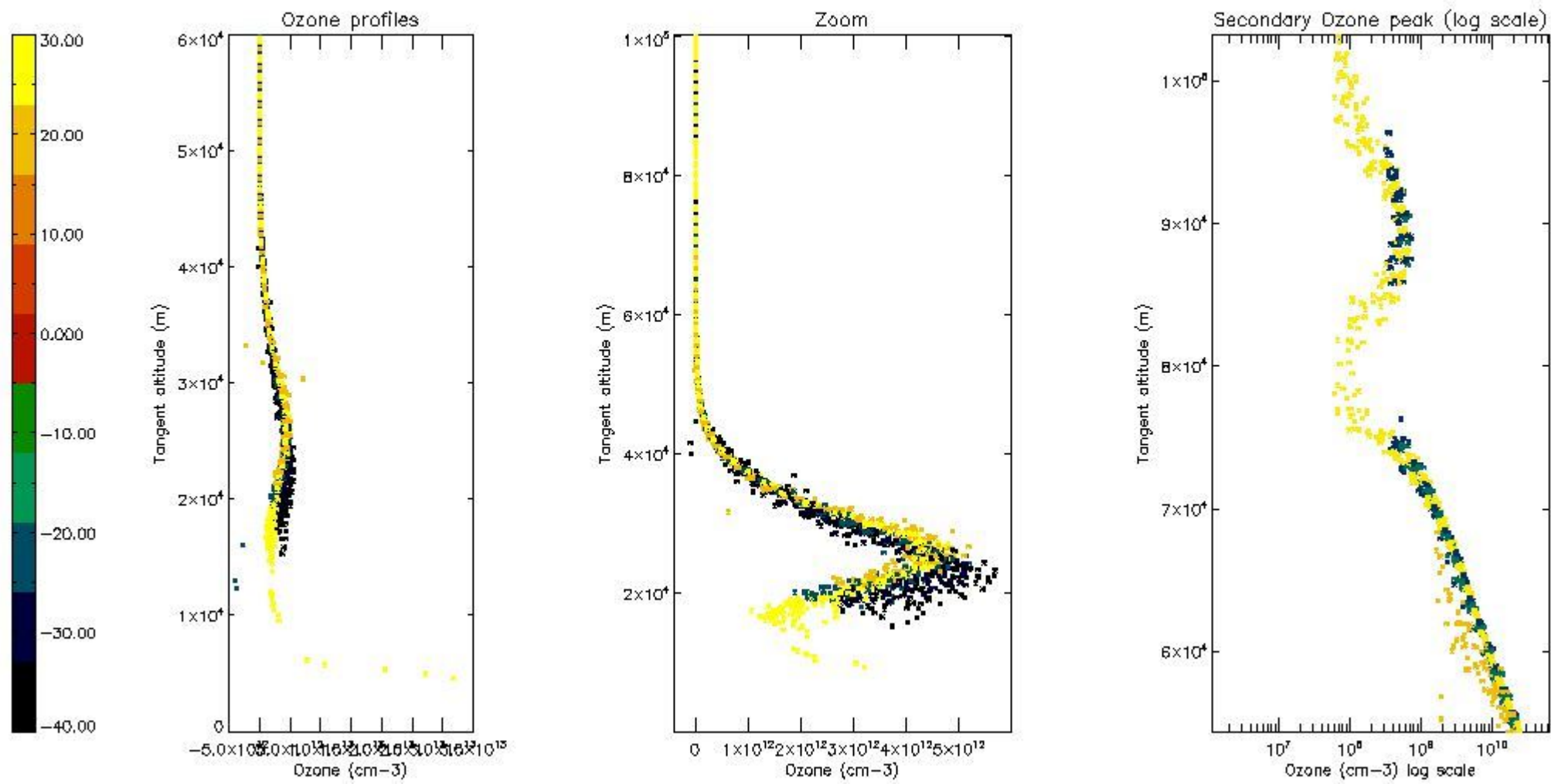
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



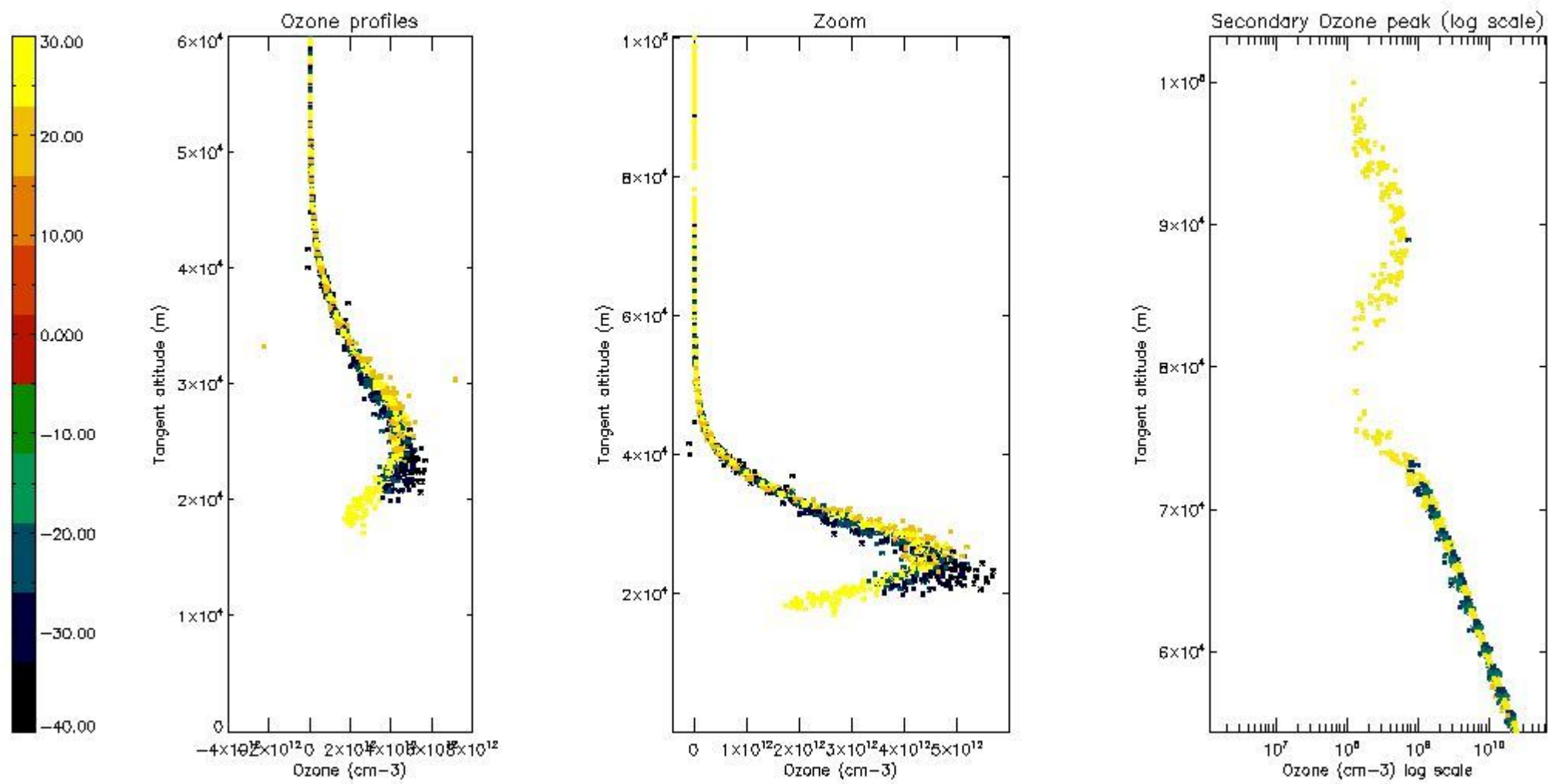
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



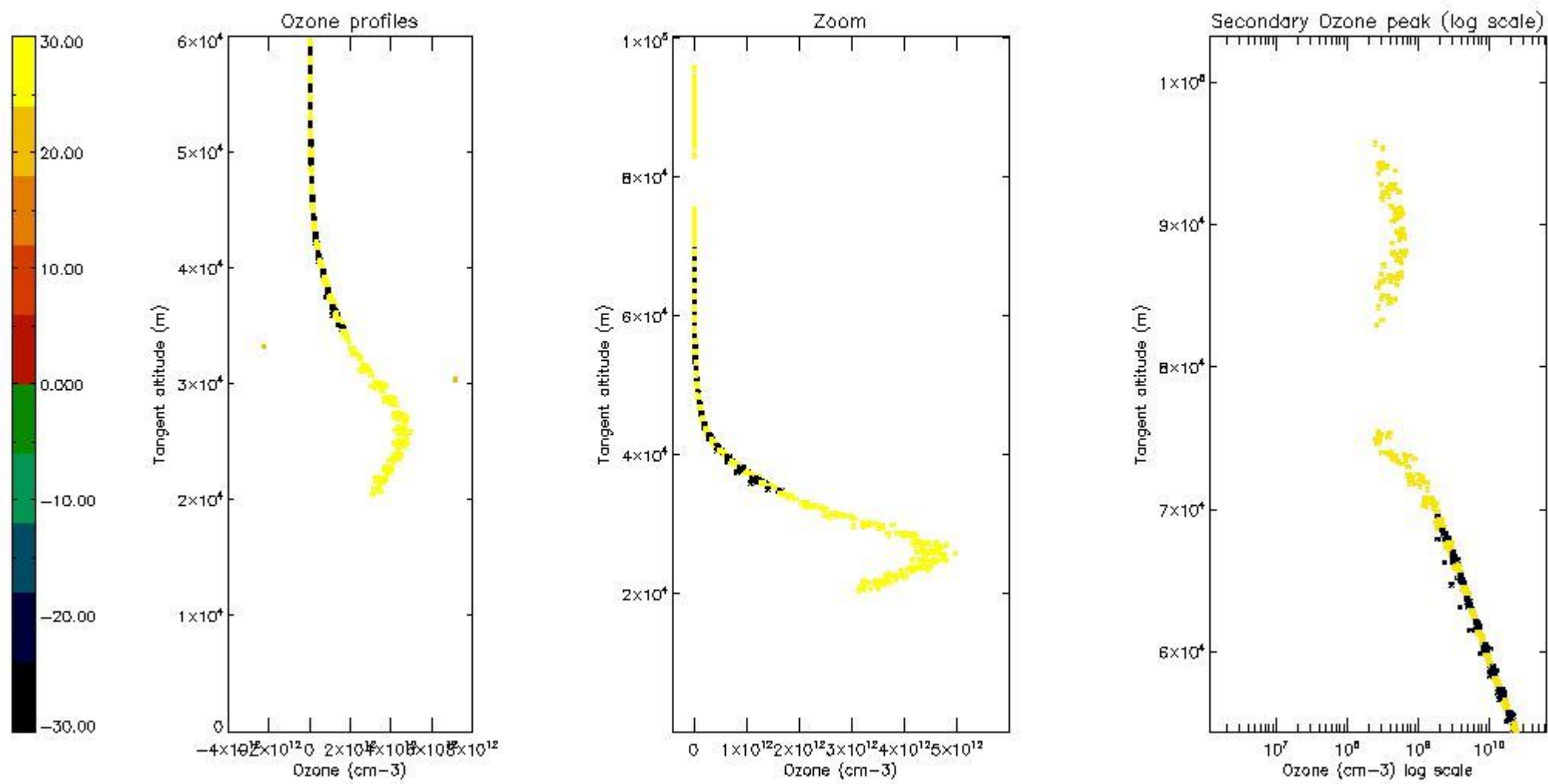
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



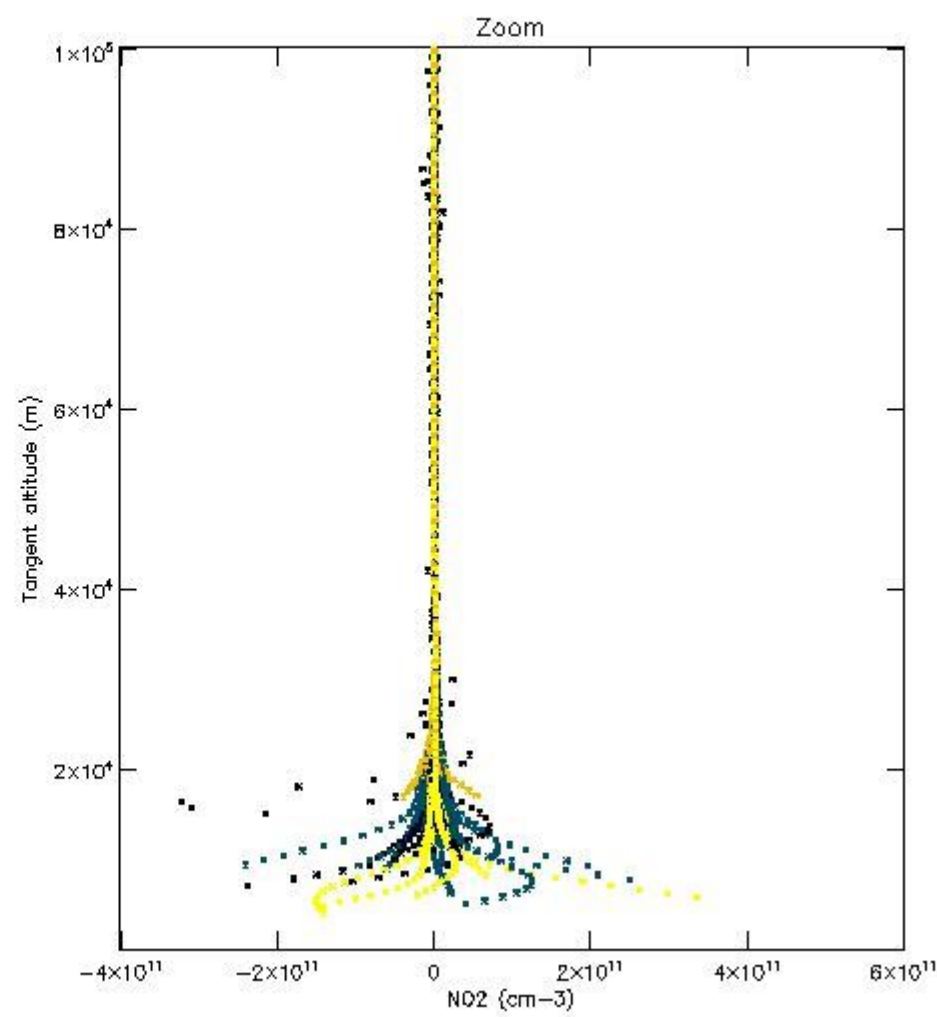
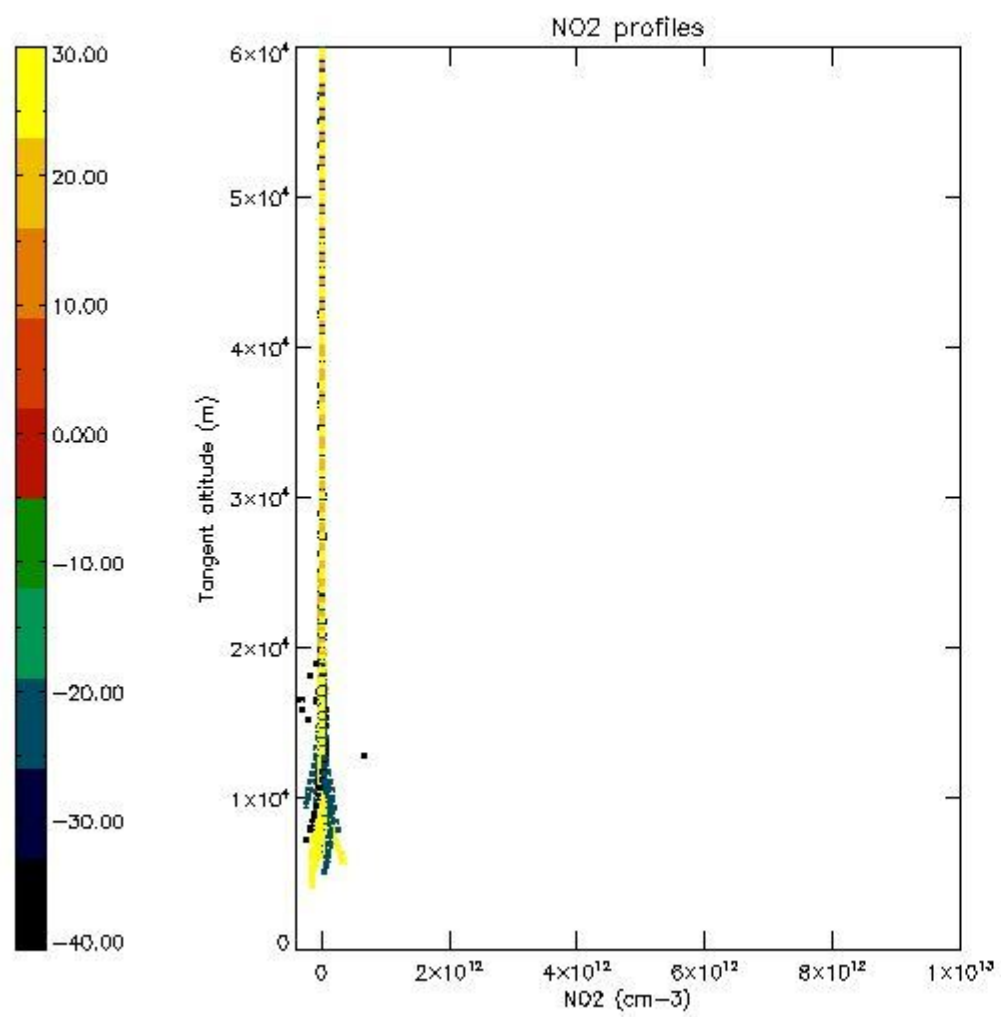
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



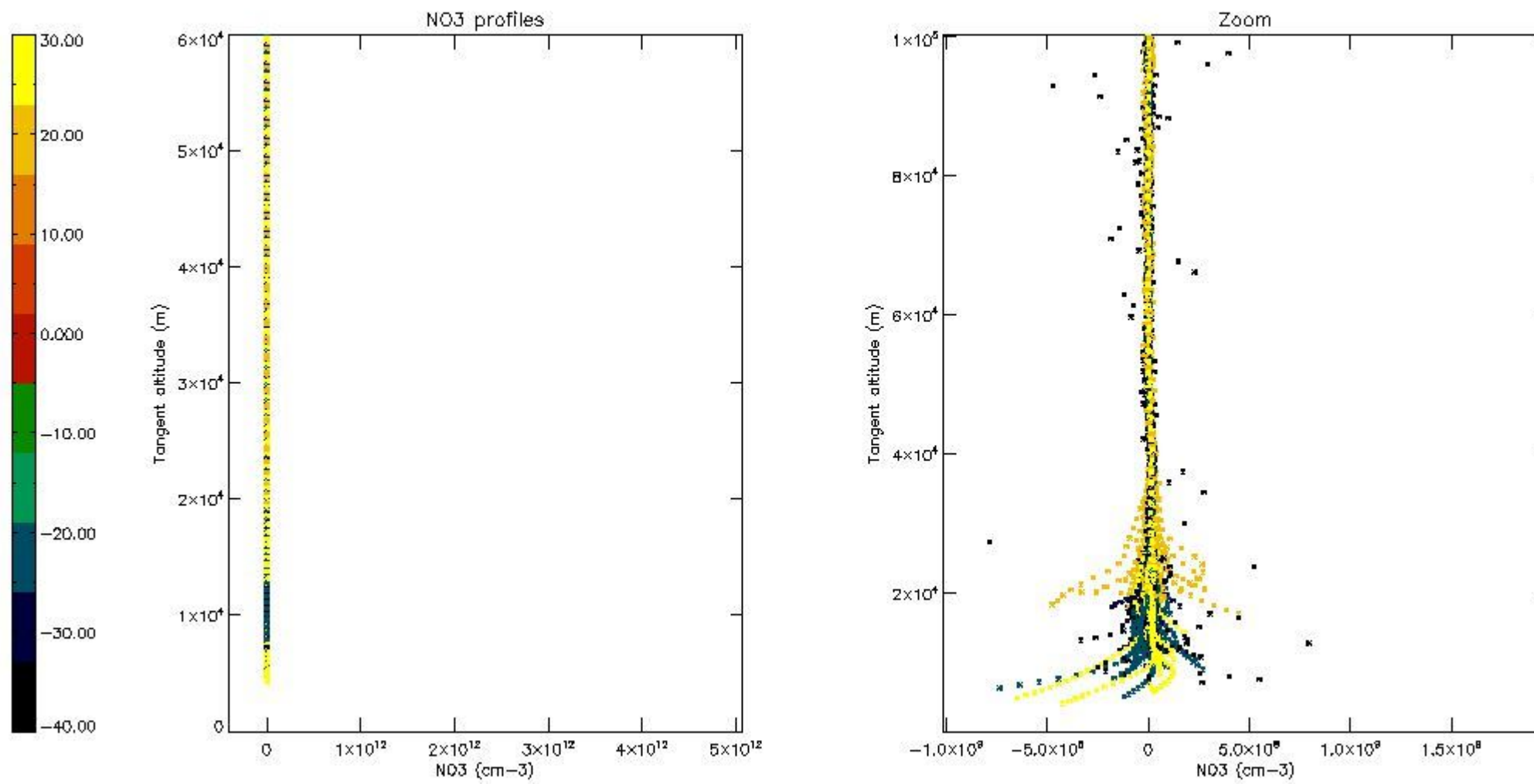
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	06-OCT-2006 00:01:41
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-OCT-2006 00:01:41
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-OCT-2006 00:01:41

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 \(time dependant\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 04:42:59
Data source version	GOMOS/6.01
Start time of products	06-10-2006 (06OCT2006 00:00:00)
Stop time of products	07-10-2006 (07OCT2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	182
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

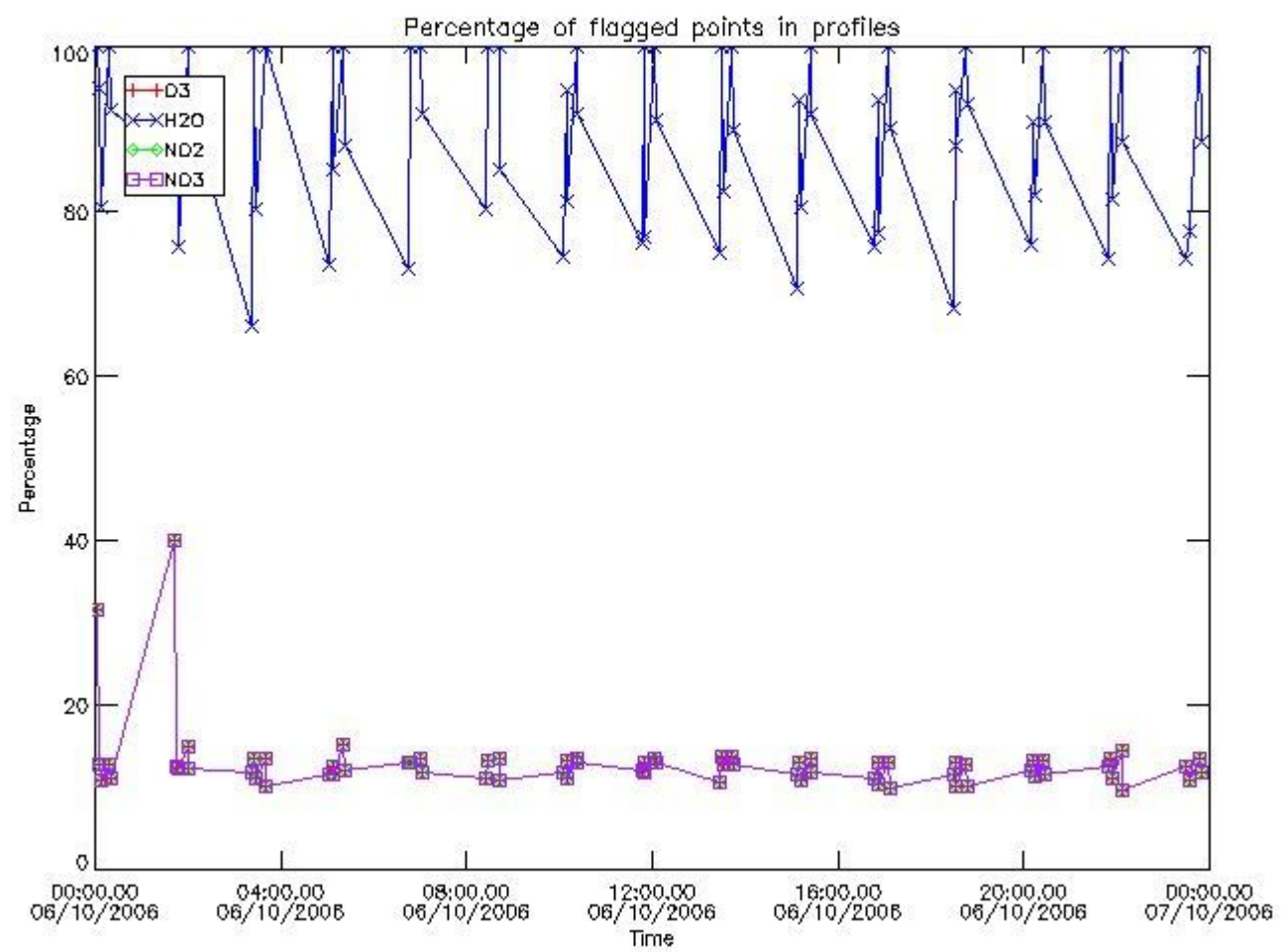
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20061006_000141_000000452051_00445_24046_2379.N1	06-OCT-2006 00:01:41	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	24046	No
2	GOM_NL__2PRFIN20061006_000457_000000402051_00445_24046_2380.N1	06-OCT-2006 00:04:57	Dark	40.000	46	Del Vel	1.9540	10600.	80	24046	No
3	GOM_NL__2PRFIN20061006_000632_000000472051_00446_24047_2369.N1	06-OCT-2006 00:06:32	Dark	46.500	41	Eps Car	1.8600	4100.0	93	24047	No
4	GOM_NL__2PRFIN20061006_001844_000000402051_00446_24047_2370.N1	06-OCT-2006 00:18:44	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	24047	No
5	GOM_NL__2PRFIN20061006_002012_000000462051_00446_24047_2371.N1	06-OCT-2006 00:20:12	Dark	45.500	9	Alp Eri	0.45300	24000.	91	24047	No
6	GOM_NL__2PRFIN20061006_002526_000000422051_00446_24047_2372.N1	06-OCT-2006 00:25:26	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	24047	No
7	GOM_NL__2PRFIN20061006_004220_000000362051_00446_24047_2373.N1	06-OCT-2006 00:42:20	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	24047	No
8	GOM_NL__2PRFIN20061006_004556_000000382051_00446_24047_2374.N1	06-OCT-2006 00:45:56	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	24047	No
9	GOM_NL__2PRFIN20061006_010314_000000362051_00446_24047_2375.N1	06-OCT-2006 01:03:14	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	24047	No
10	GOM_NL__2PRFIN20061006_011119_000000372051_00446_24047_2376.N1	06-OCT-2006 01:11:19	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24047	No
11	GOM_NL__2PRFIN20061006_011250_000000362051_00446_24047_2377.N1	06-OCT-2006 01:12:50	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	24047	No
12	GOM_NL__2PRFIN20061006_011606_000000342051_00446_24047_2378.N1	06-OCT-2006 01:16:06	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	24047	No
13	GOM_NL__2PRFIN20061006_012555_000000342051_00446_24047_2379.N1	06-OCT-2006 01:25:55	Bright	34.000	22	32Alp Leo	1.3600	15200.	68	24047	No
14	GOM_NL__2PRFIN20061006_014217_000000412051_00446_24047_2380.N1	06-OCT-2006 01:42:17	Dark	40.500	65	Lam Vel	2.2040	4400.0	81	24047	No
15	GOM_NL__2PRFIN20061006_014533_000000412051_00446_24047_2381.N1	06-OCT-2006 01:45:33	Dark	41.000	46	Del Vel	1.9540	10600.	82	24047	No
16	GOM_NL__2PRFIN20061006_014708_000000422051_00447_24048_2370.N1	06-OCT-2006 01:47:08	Dark	41.500	41	Eps Car	1.8600	4100.0	83	24048	No
17	GOM_NL__2PRFIN20061006_015920_000000382051_00447_24048_2371.N1	06-OCT-2006 01:59:20	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	24048	No
18	GOM_NL__2PRFIN20061006_020048_000000422051_00447_24048_2372.N1	06-OCT-2006 02:00:48	Dark	41.500	9	Alp Eri	0.45300	24000.	83	24048	No
19	GOM_NL__2PRFIN20061006_020603_000000402051_00447_24048_2373.N1	06-OCT-2006 02:06:03	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	24048	No
20	GOM_NL__2PRFIN20061006_022256_000000372051_00447_24048_2374.N1	06-OCT-2006 02:22:56	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	24048	No
21	GOM_NL__2PRFIN20061006_022631_000000372051_00447_24048_2375.N1	06-OCT-2006 02:26:31	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	24048	No
22	GOM_NL__2PRFIN20061006_024350_000000352051_00447_24048_2376.N1	06-OCT-2006 02:43:50	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	24048	No
23	GOM_NL__2PRFIN20061006_025155_000000372051_00447_24048_2377.N1	06-OCT-2006 02:51:55	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24048	No
24	GOM_NL__2PRFIN20061006_025326_000000352051_00447_24048_2378.N1	06-OCT-2006 02:53:26	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	24048	No
25	GOM_NL__2PRFIN20061006_025642_000000352051_00447_24048_2379.N1	06-OCT-2006 02:56:42	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	24048	No
26	GOM_NL__2PRFIN20061006_030631_000000332051_00447_24048_2380.N1	06-OCT-2006 03:06:31	Bright	33.000	22	32Alp Leo	1.3600	15200.	66	24048	No
27	GOM_NL__2PRFIN20061006_032254_000000432051_00447_24048_2381.N1	06-OCT-2006 03:22:54	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	24048	No
28	GOM_NL__2PRFIN20061006_032609_000000382051_00447_24048_2382.N1	06-OCT-2006 03:26:09	Dark	38.000	46	Del Vel	1.9540	10600.	76	24048	No
29	GOM_NL__2PRFIN20061006_032745_000000462051_00448_24049_2371.N1	06-OCT-2006 03:27:45	Dark	46.000	41	Eps Car	1.8600	4100.0	92	24049	No
30	GOM_NL__2PRFIN20061006_033957_000000382051_00448_24049_2372.N1	06-OCT-2006 03:39:57	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	24049	No
31	GOM_NL__2PRFIN20061006_034124_000000512051_00448_24049_2373.N1	06-OCT-2006 03:41:24	Dark	50.500	9	Alp Eri	0.45300	24000.	101	24049	No
32	GOM_NL__2PRFIN20061006_034639_000000412051_00448_24049_2374.N1	06-OCT-2006 03:46:39	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	24049	No
33	GOM_NL__2PRFIN20061006_040332_000000362051_00448_24049_2375.N1	06-OCT-2006 04:03:32	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	24049	No
34	GOM_NL__2PRFIN20061006_040708_000000382051_00448_24049_2376.N1	06-OCT-2006 04:07:08	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	24049	No
35	GOM_NL__2PRFIN20061006_042426_000000352051_00448_24049_2377.N1	06-OCT-2006 04:24:26	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	24049	No
36	GOM_NL__2PRFIN20061006_043231_000000362051_00448_24049_2378.N1	06-OCT-2006 04:32:31	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	24049	No
37	GOM_NL__2PRFIN20061006_043402_000000342051_00448_24049_2379.N1	06-OCT-2006 04:34:02	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	24049	No
38	GOM_NL__2PRFIN20061006_043718_000000342051_00448_24049_2380.N1	06-OCT-2006 04:37:18	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	24049	No
39	GOM_NL__2PRFIN20061006_044707_000000352051_00448_24049_2381.N1	06-OCT-2006 04:47:07	Bright	35.000	22	32Alp Leo	1.3600	15200.	70	24049	No
40	GOM_NL__2PRFIN20061006_050330_000000442051_00448_24049_2382.N1	06-OCT-2006 05:03:30	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	24049	No
41	GOM_NL__2PRFIN20061006_050646_000000412051_00448_24049_2383.N1	06-OCT-2006 05:06:46	Dark	41.000	46	Del Vel	1.9540	10600.	82	24049	No
42	GOM_NL__2PRFIN20061006_050821_000000442051_00449_24050_2371.N1	06-OCT-2006 05:08:21	Dark	44.000	41	Eps Car	1.8600	4100.0	88	24050	No

161	GOM_NL__2PRFIN20061006_211026_000000362051_00458_24059_2396.N1	06-OCT-2006 21:10:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	24059	No
162	GOM_NL__2PRFIN20061006_211831_000000372051_00458_24059_2397.N1	06-OCT-2006 21:18:31	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24059	No
163	GOM_NL__2PRFIN20061006_212003_000000352051_00458_24059_2398.N1	06-OCT-2006 21:20:03	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	24059	No
164	GOM_NL__2PRFIN20061006_212319_000000352051_00458_24059_2399.N1	06-OCT-2006 21:23:19	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	24059	No
165	GOM_NL__2PRFIN20061006_213309_000000342051_00458_24059_2400.N1	06-OCT-2006 21:33:09	Bright	33.500	22	32Alp Leo	1.3600	15200.	67	24059	No
166	GOM_NL__2PRFIN20061006_214934_000000412051_00458_24059_2401.N1	06-OCT-2006 21:49:34	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	24059	No
167	GOM_NL__2PRFIN20061006_215249_000000382051_00458_24059_2402.N1	06-OCT-2006 21:52:49	Dark	38.000	46	Del Vel	1.9540	10600.	76	24059	No
168	GOM_NL__2PRFIN20061006_215425_000000462051_00459_24060_2391.N1	06-OCT-2006 21:54:25	Dark	46.000	41	Eps Car	1.8600	4100.0	92	24060	No
169	GOM_NL__2PRFIN20061006_220636_000000392051_00459_24060_2392.N1	06-OCT-2006 22:06:36	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	24060	No
170	GOM_NL__2PRFIN20061006_220803_000000522051_00459_24060_2393.N1	06-OCT-2006 22:08:03	Dark	52.000	9	Alp Eri	0.45300	24000.	104	24060	No
171	GOM_NL__2PRFIN20061006_221317_000000392051_00459_24060_2394.N1	06-OCT-2006 22:13:17	Straylight	39.000	84	Alp Phe	2.3970	4500.0	78	24060	No
172	GOM_NL__2PRFIN20061006_223344_000000372051_00459_24060_2395.N1	06-OCT-2006 22:33:44	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	24060	No
173	GOM_NL__2PRFIN20061006_225101_000000332051_00459_24060_2396.N1	06-OCT-2006 22:51:01	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	24060	No
174	GOM_NL__2PRFIN20061006_225907_000000372051_00459_24060_2397.N1	06-OCT-2006 22:59:07	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24060	No
175	GOM_NL__2PRFIN20061006_230039_000000352051_00459_24060_2398.N1	06-OCT-2006 23:00:39	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	24060	No
176	GOM_NL__2PRFIN20061006_230355_000000462051_00459_24060_2399.N1	06-OCT-2006 23:03:55	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	24060	No
177	GOM_NL__2PRFIN20061006_231345_000000342051_00459_24060_2400.N1	06-OCT-2006 23:13:45	Bright	34.000	22	32Alp Leo	1.3600	15200.	68	24060	No
178	GOM_NL__2PRFIN20061006_233011_000000492051_00459_24060_2401.N1	06-OCT-2006 23:30:11	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	24060	No
179	GOM_NL__2PRFIN20061006_233501_000000482051_00460_24061_2391.N1	06-OCT-2006 23:35:01	Dark	47.500	41	Eps Car	1.8600	4100.0	95	24061	No
180	GOM_NL__2PRFIN20061006_234712_000000382051_00460_24061_2392.N1	06-OCT-2006 23:47:12	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	24061	No
181	GOM_NL__2PRFIN20061006_234840_000000442051_00460_24061_2393.N1	06-OCT-2006 23:48:40	Dark	43.500	9	Alp Eri	0.45300	24000.	87	24061	No
182	GOM_NL__2PRFIN20061006_235353_000000412051_00460_24061_2394.N1	06-OCT-2006 23:53:53	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	24061	No

3. Quality information per product

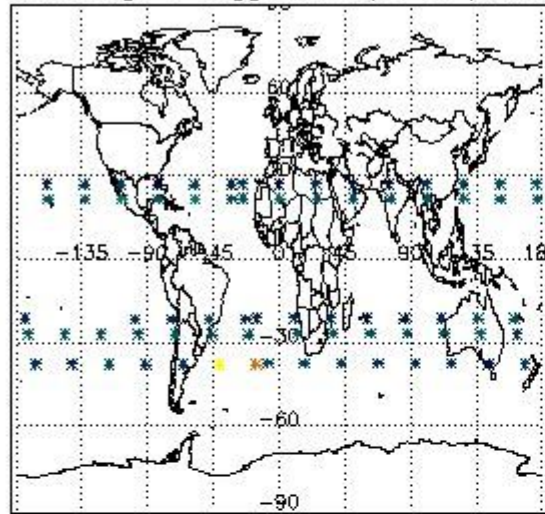
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

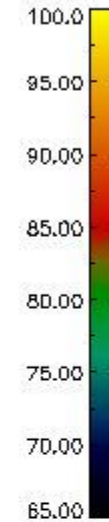
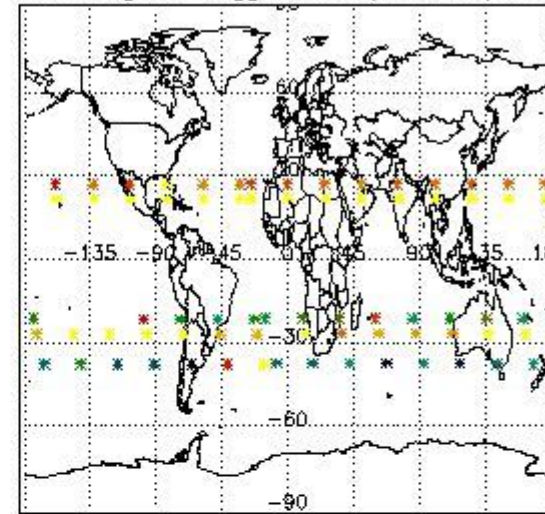


3.2 Plot quality information per product (world map)

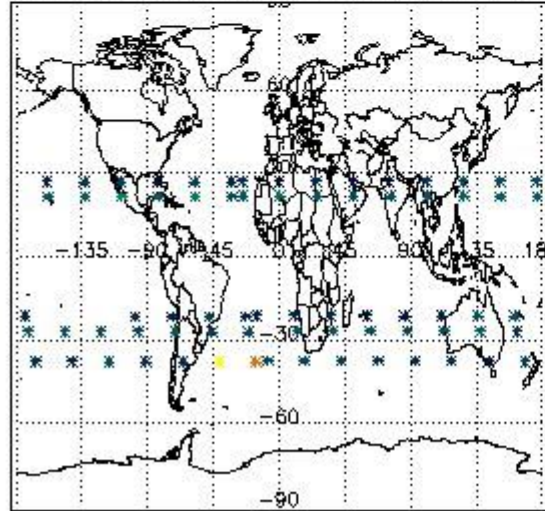
Percentage of flagged data per O3 profile



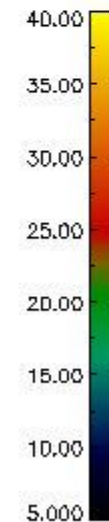
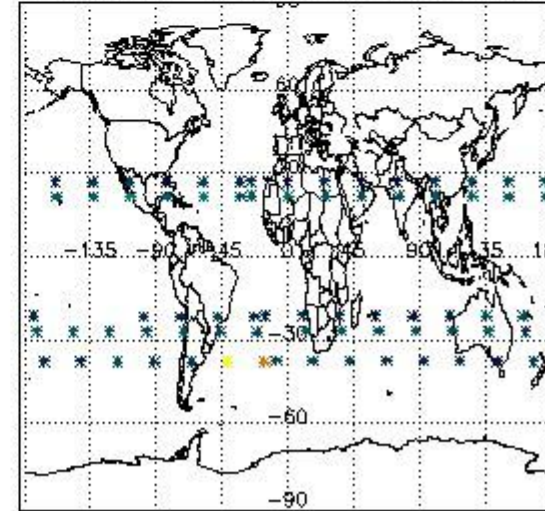
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

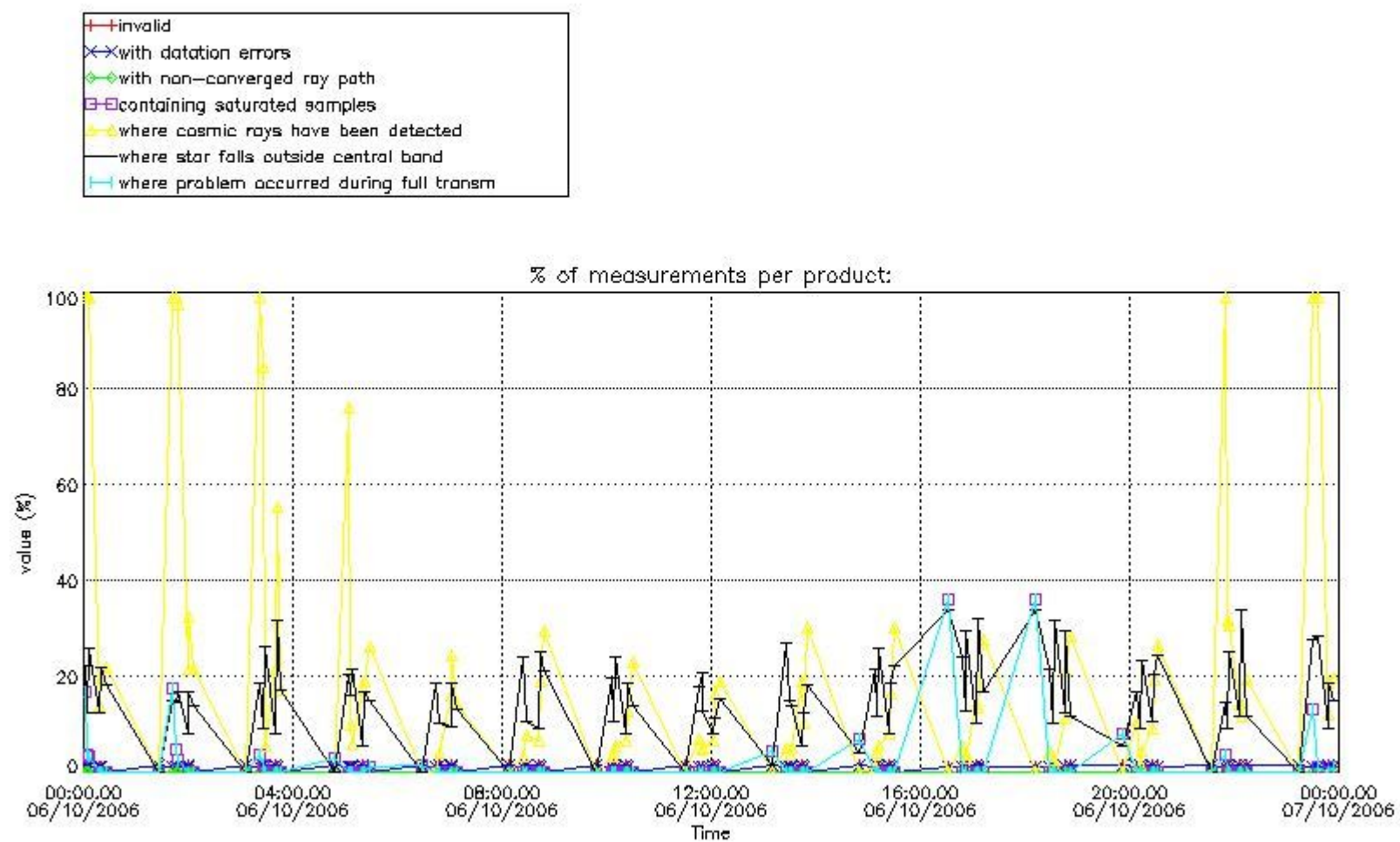


4. Level 1 quality information per product

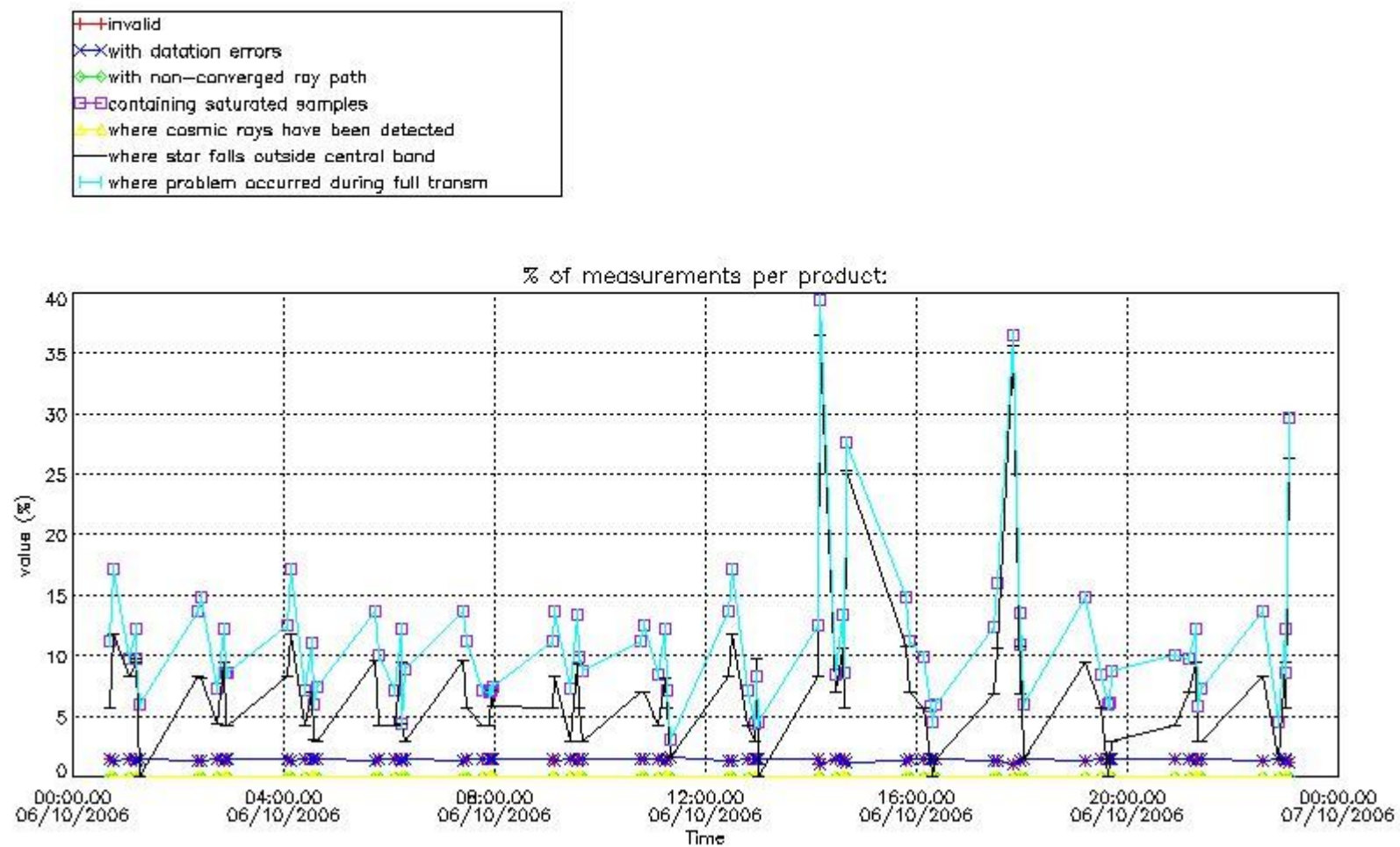
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



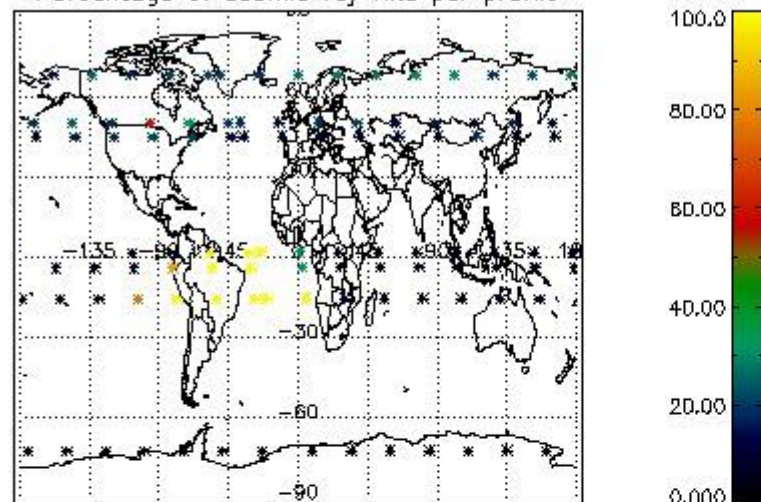
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



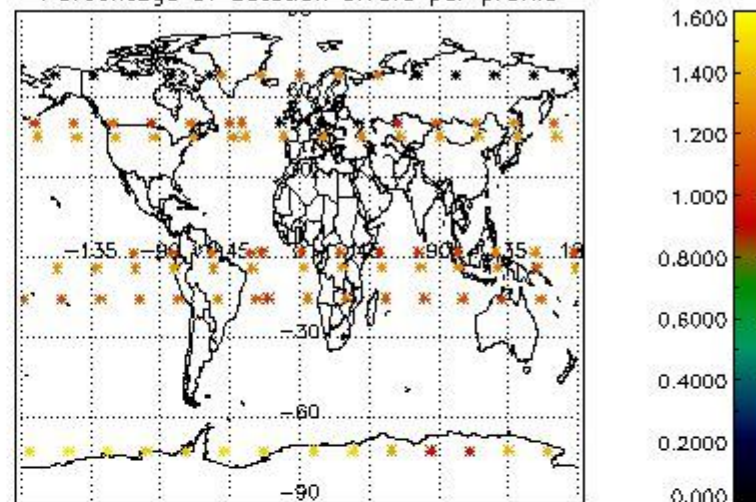
4.2 Plot quality information per product coming from level 1b processing (world map)

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

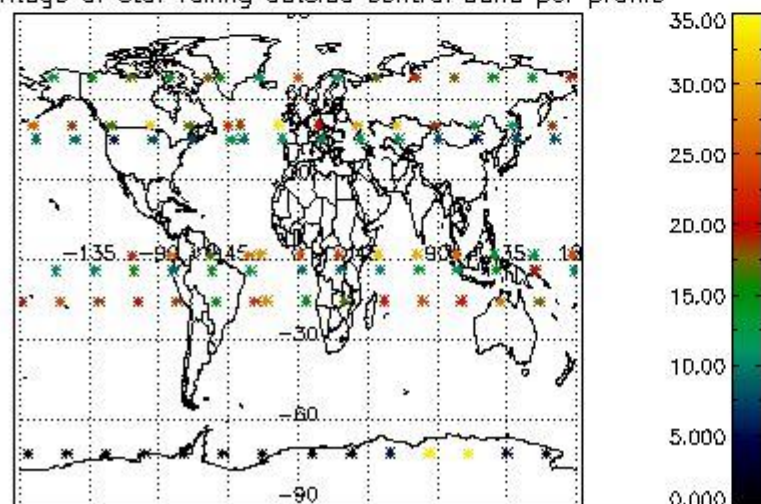
Percentage of cosmic ray hits per profile



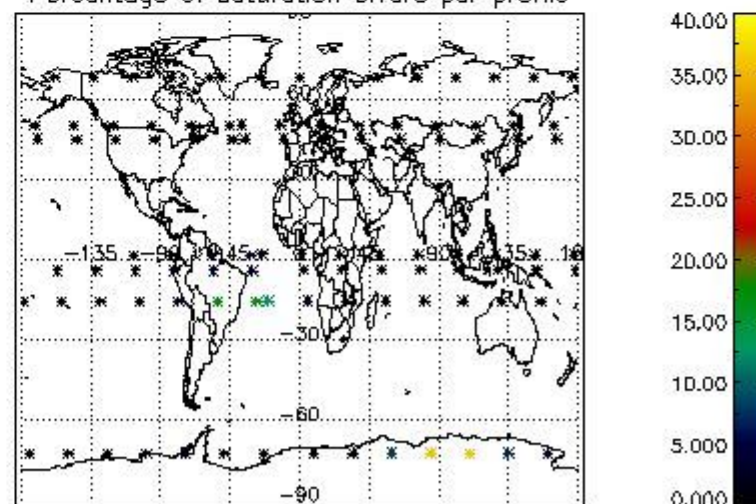
Percentage of datation errors per profile



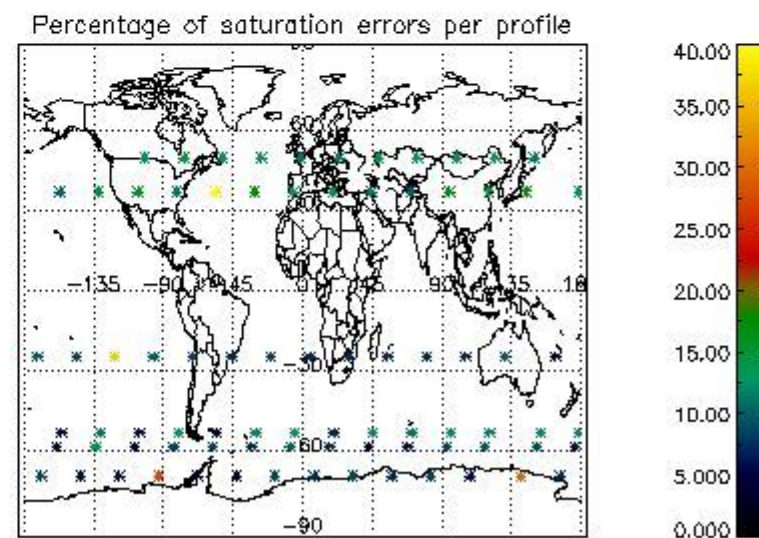
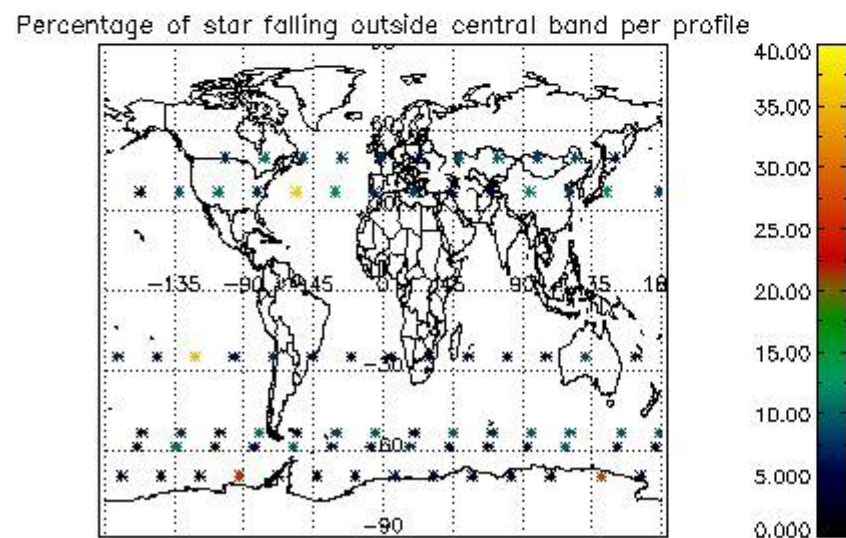
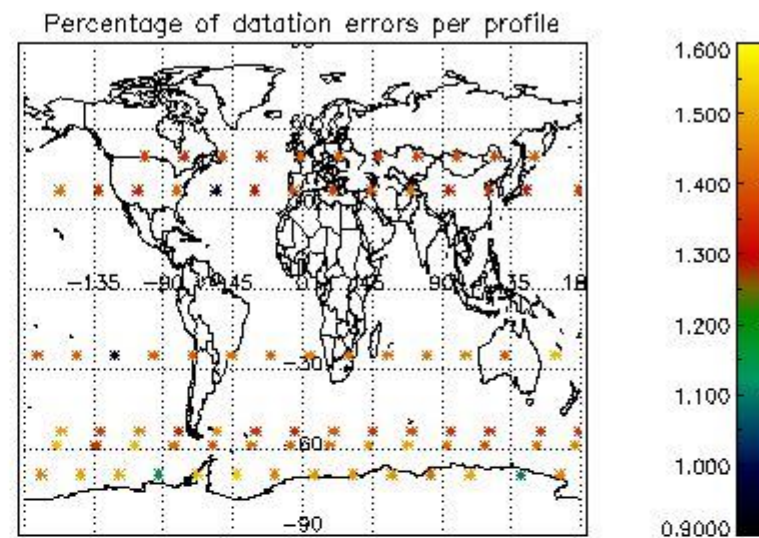
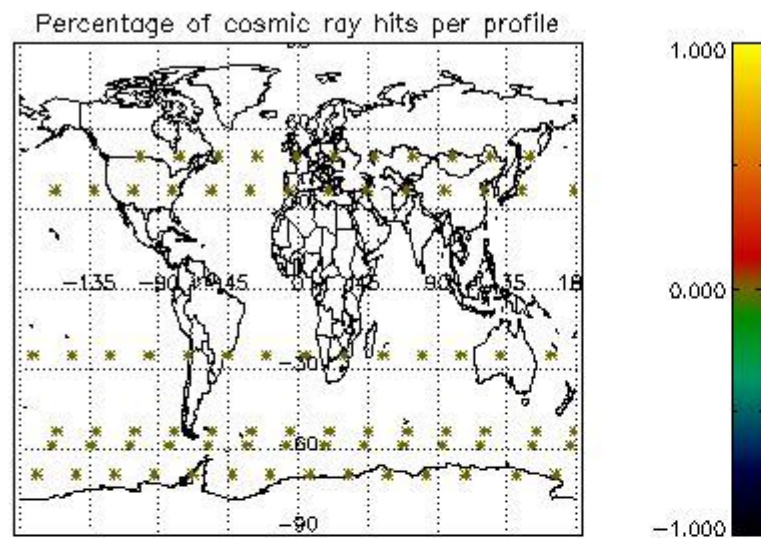
Percentage of star falling outside central band per profile



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

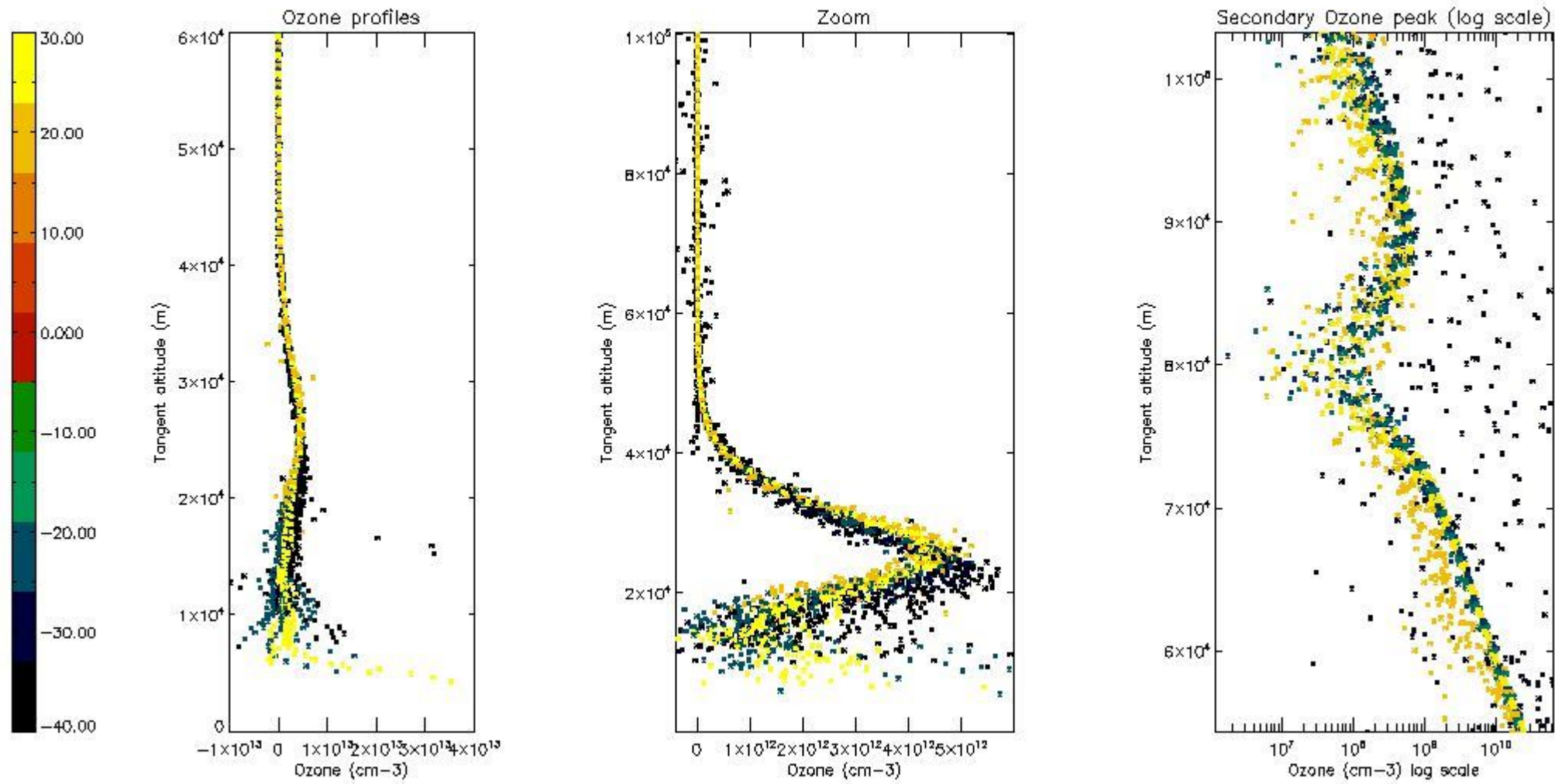
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	22

STD < 10	17
STD < 5	8

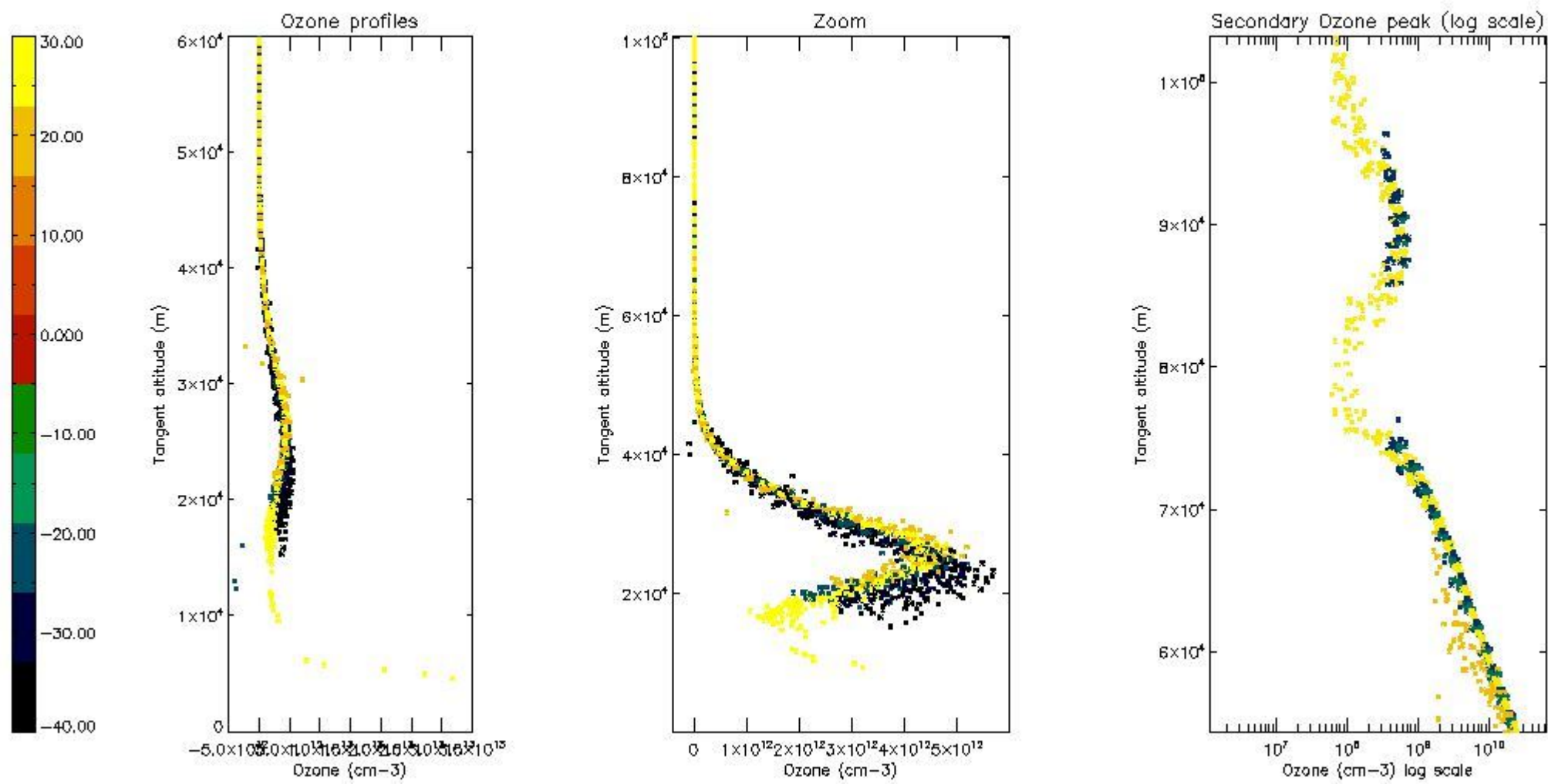
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



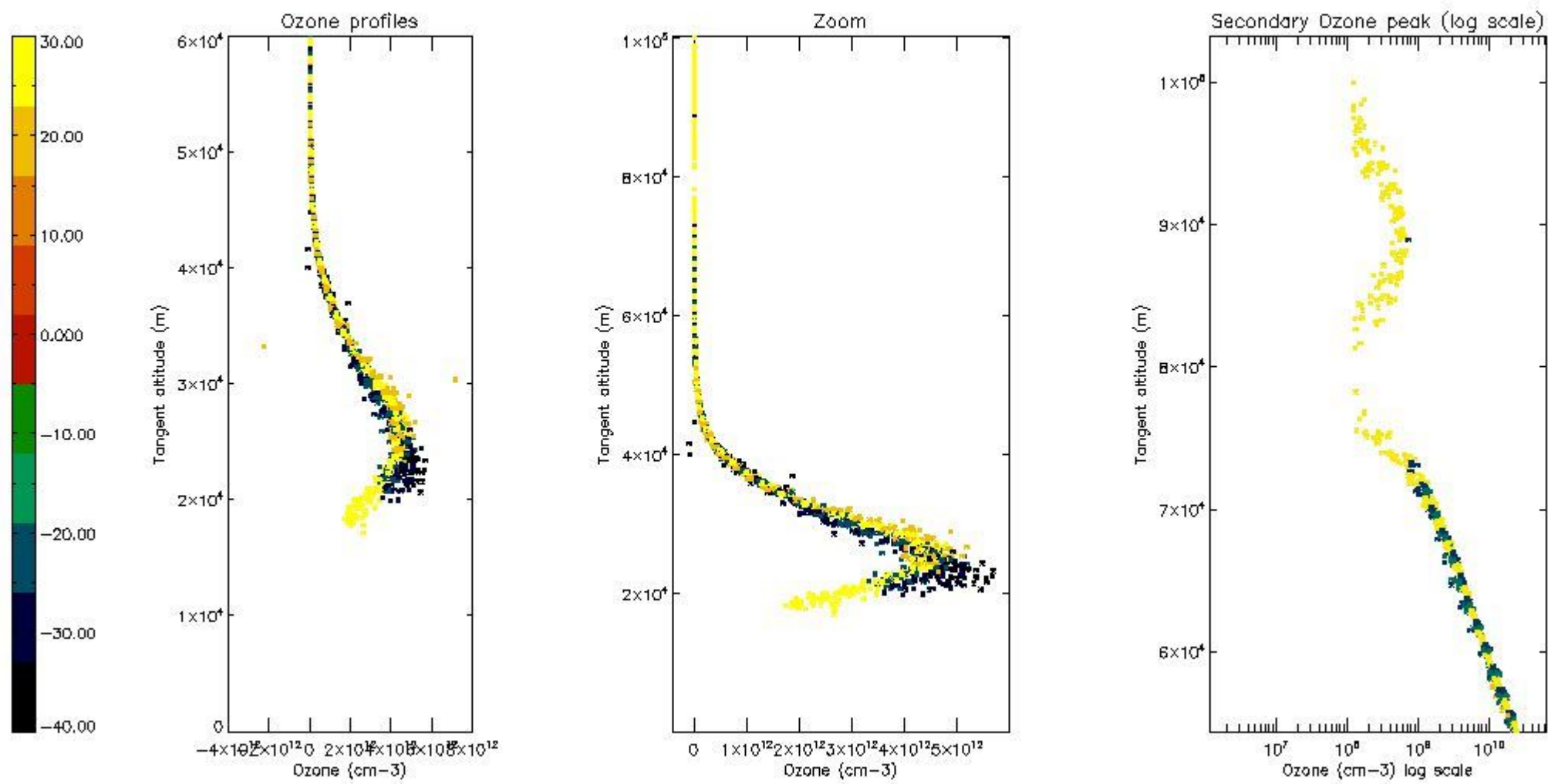
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



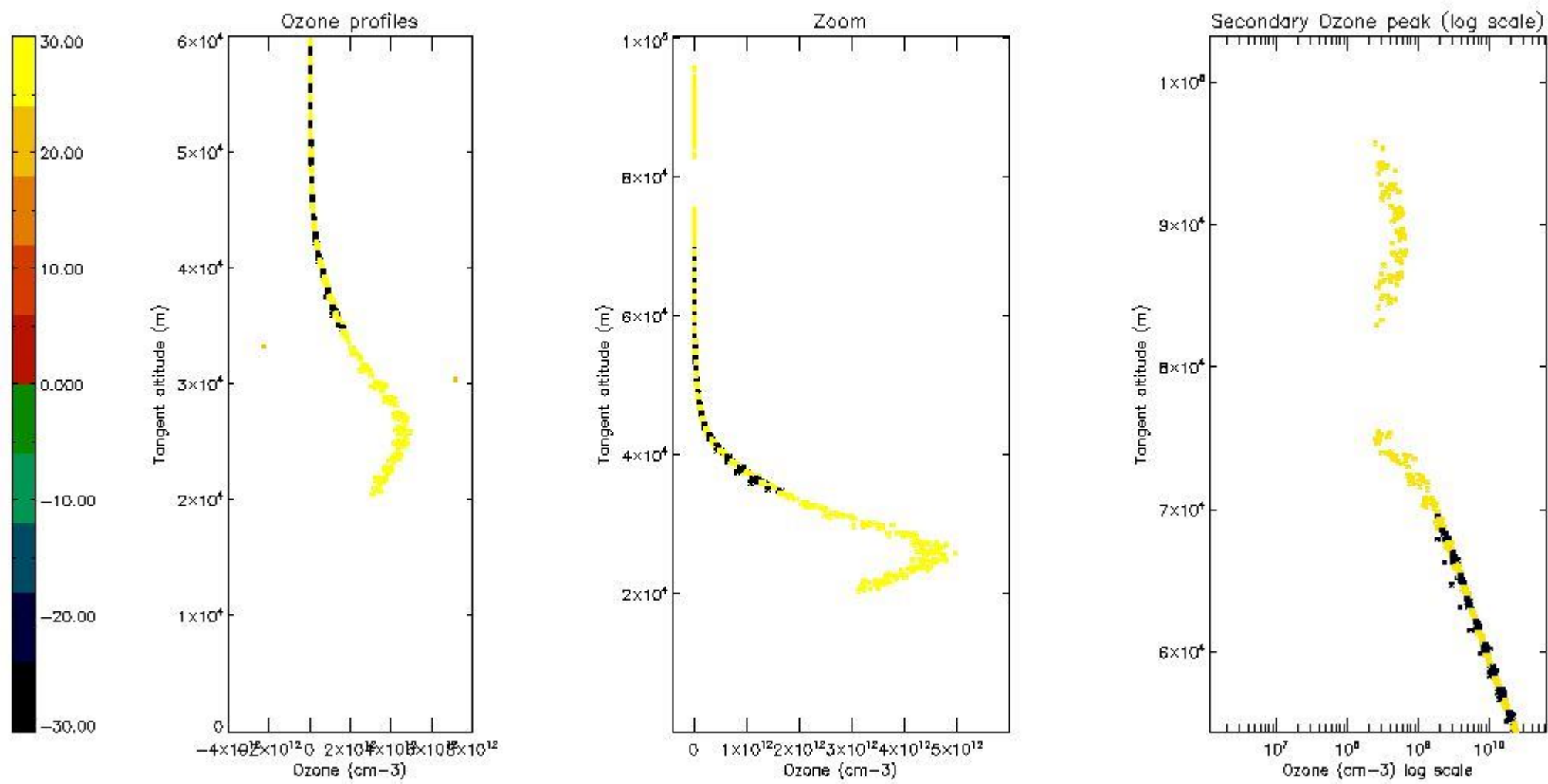
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



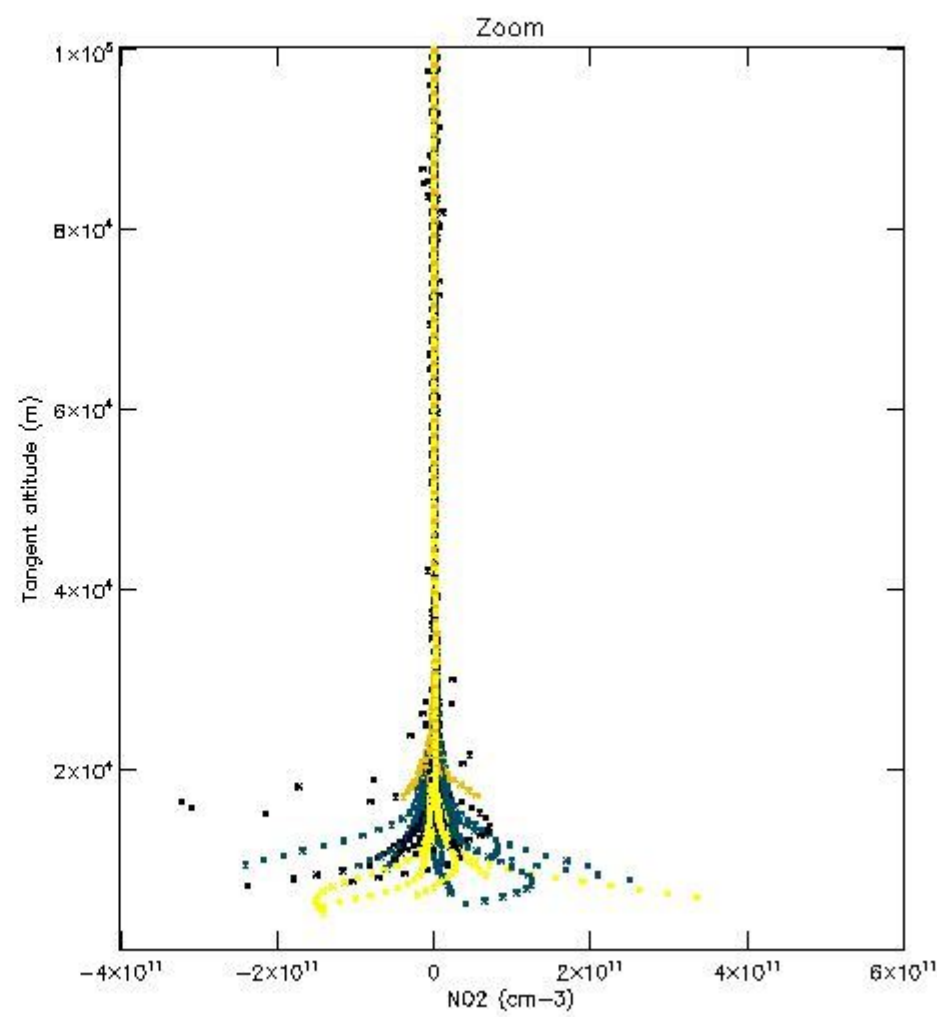
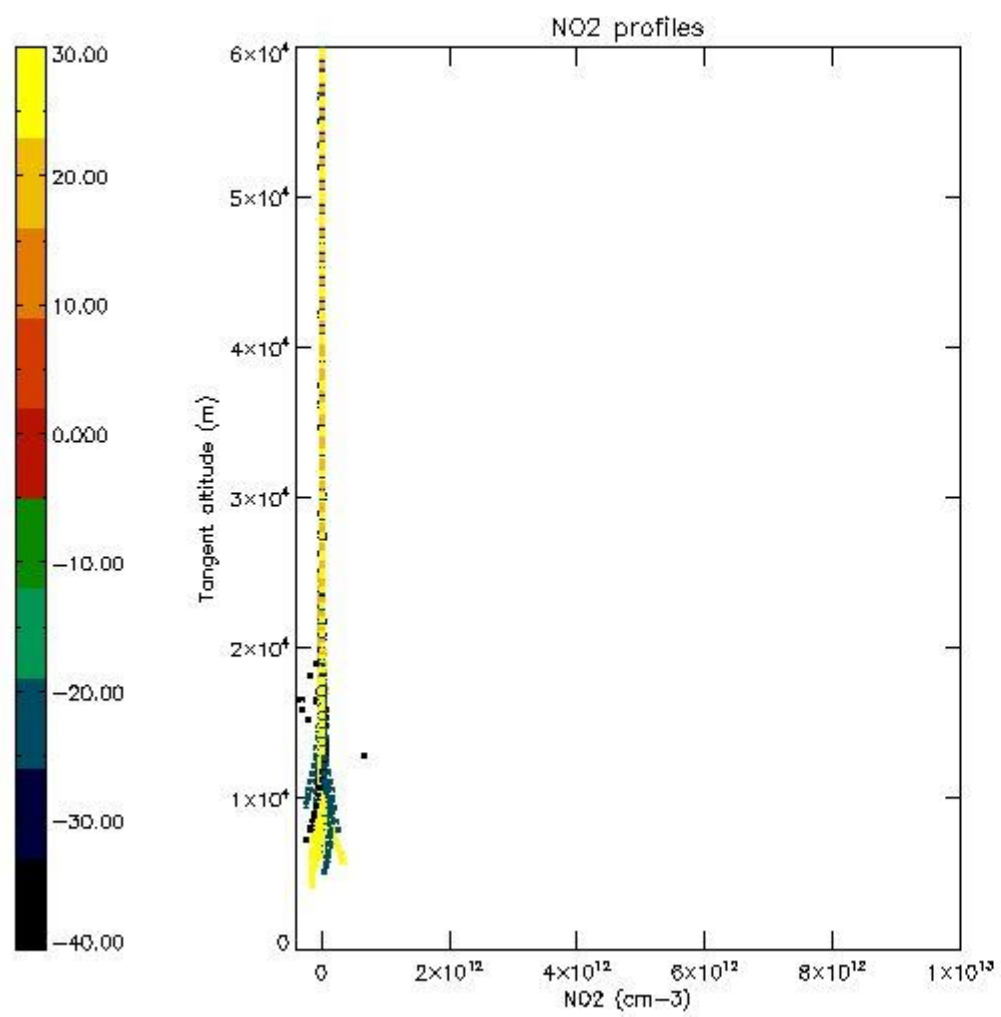
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



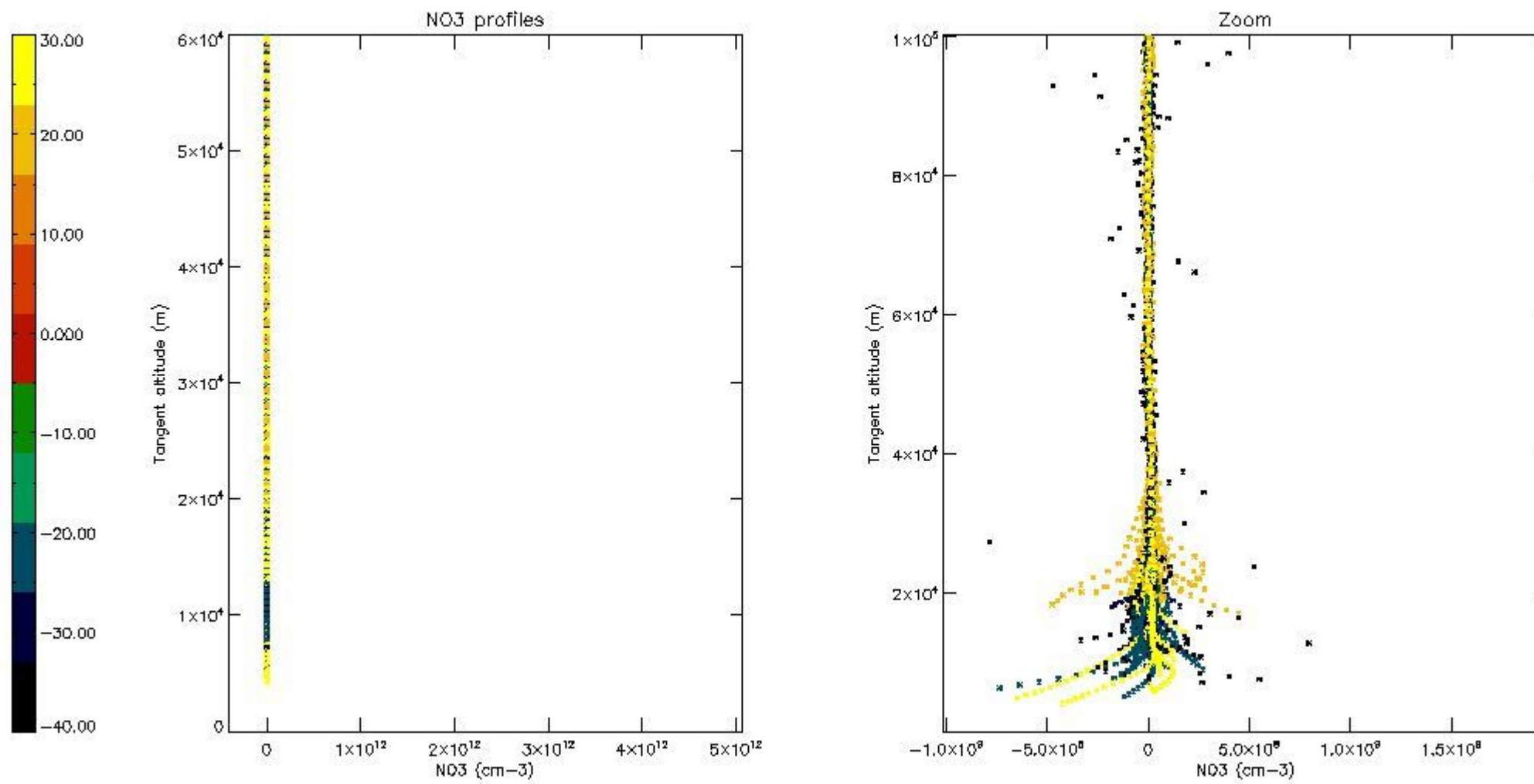
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

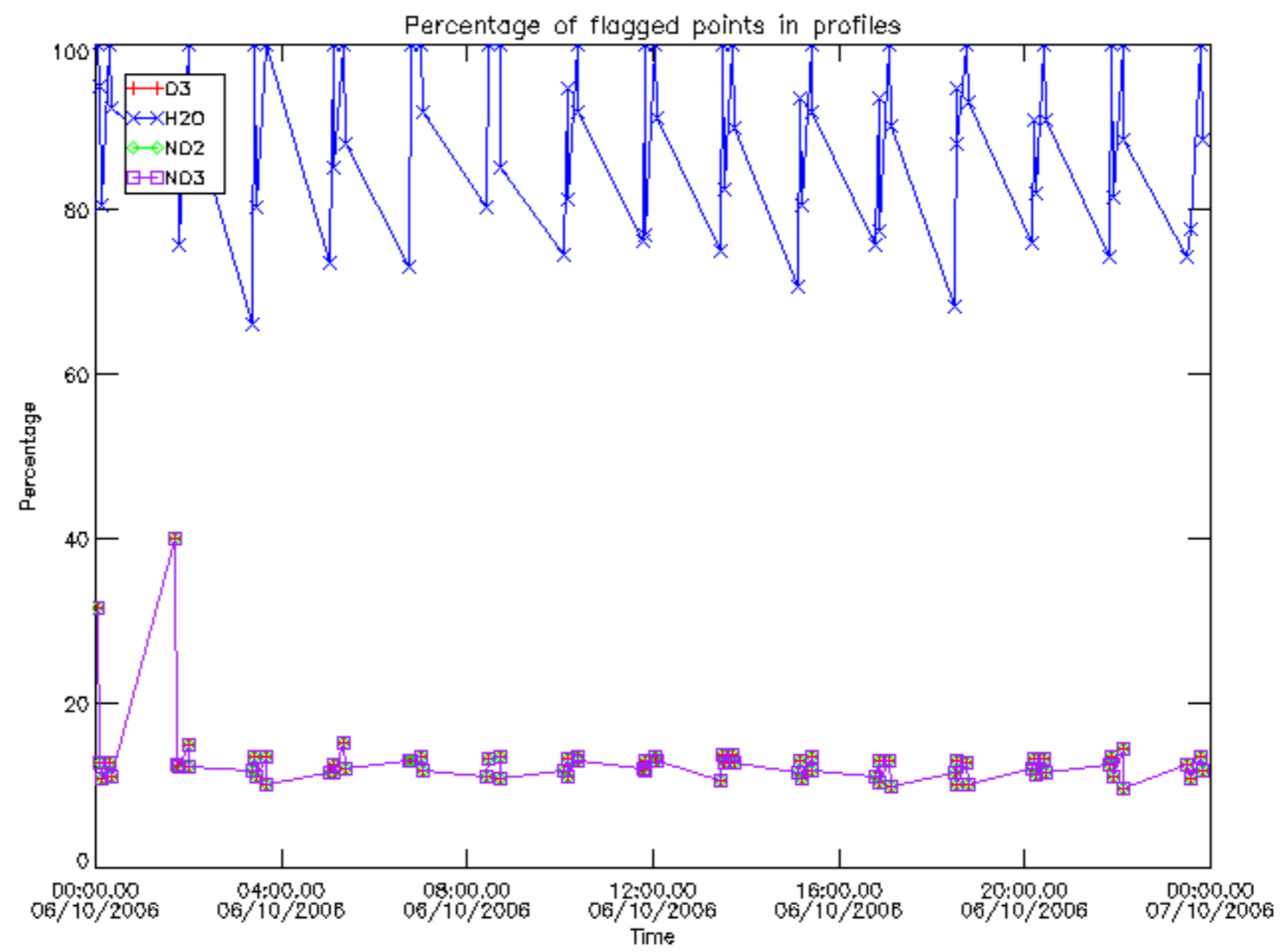
The colorbar represents the latitude.



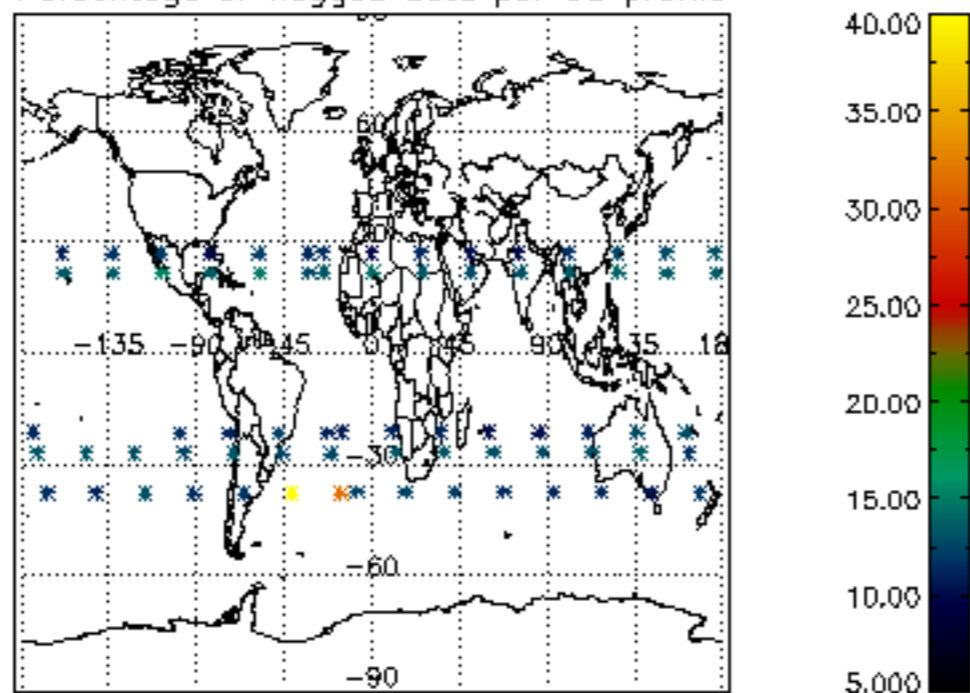
6. Auxiliary Data Files used for the production reported in section 2

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.

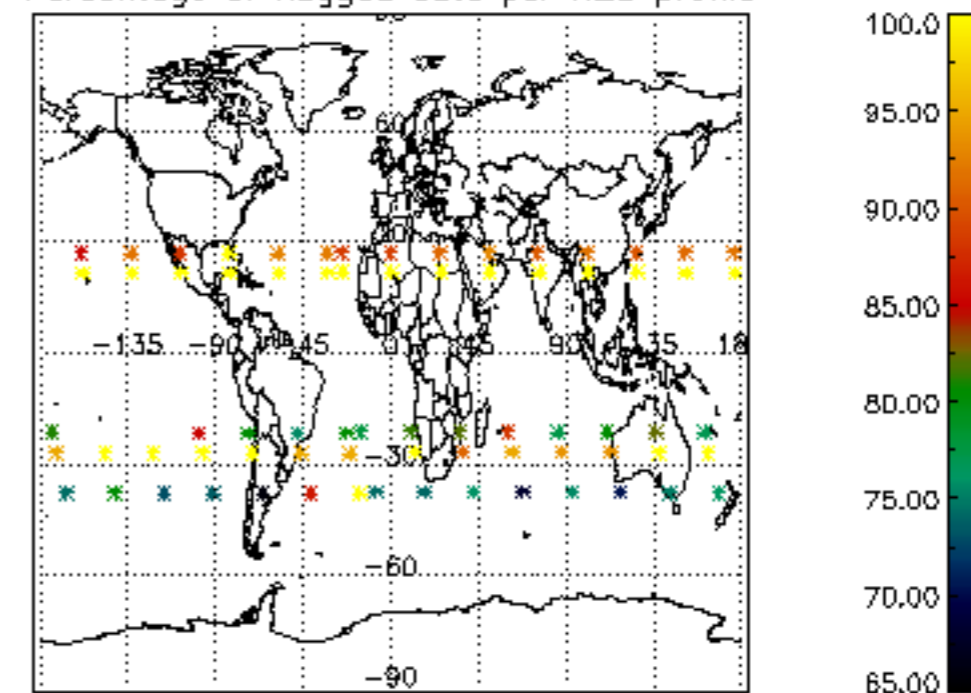
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-OCT-2006 00:01:41
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-OCT-2006 00:01:41
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-OCT-2006 00:01:41



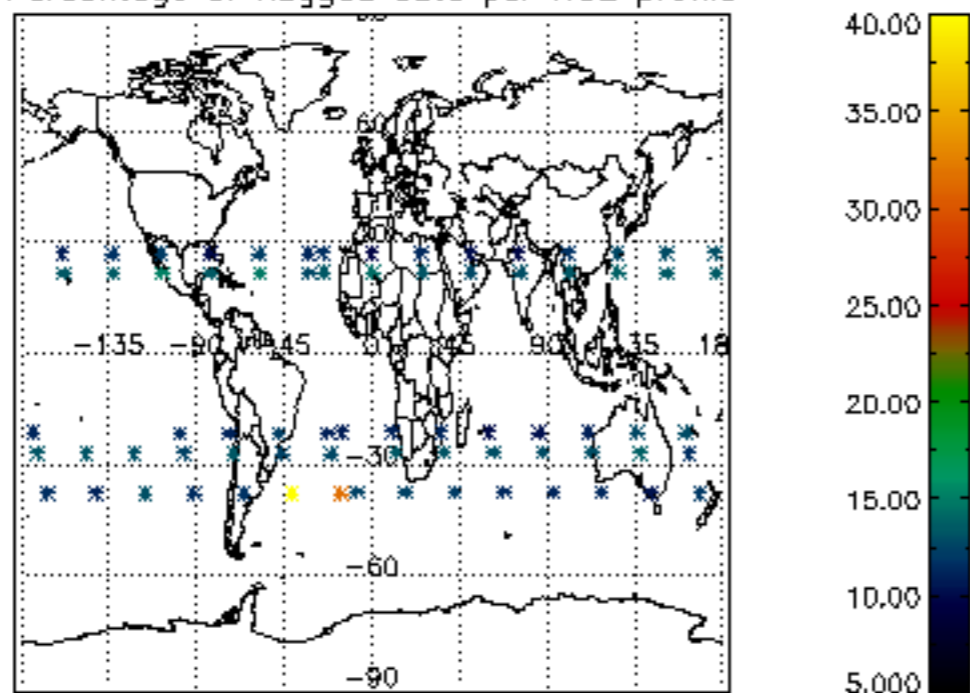
Percentage of flagged data per D3 profile



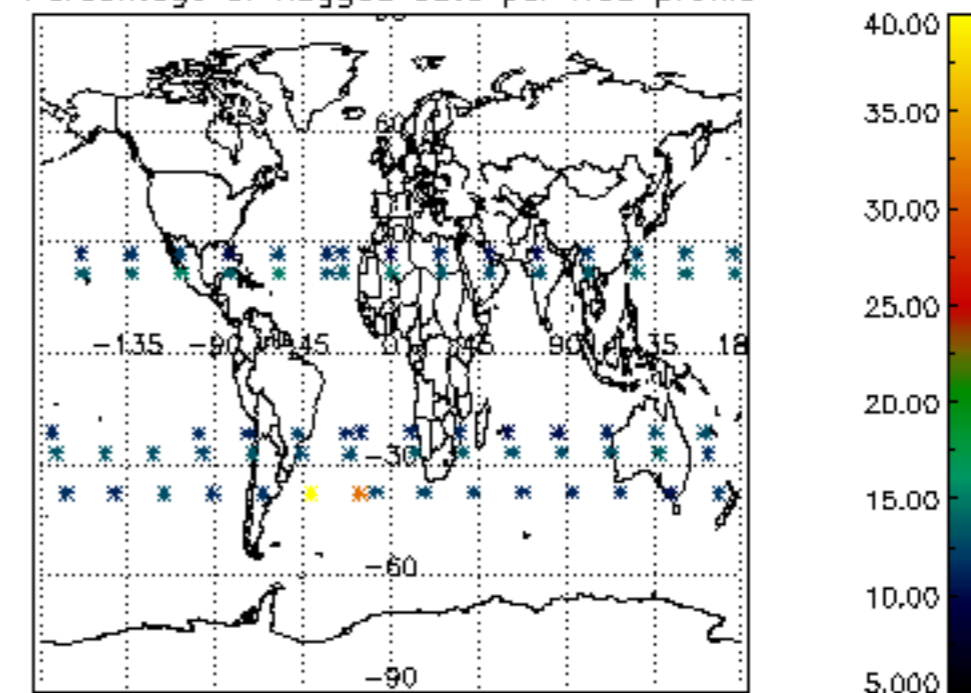
Percentage of flagged data per H2O profile

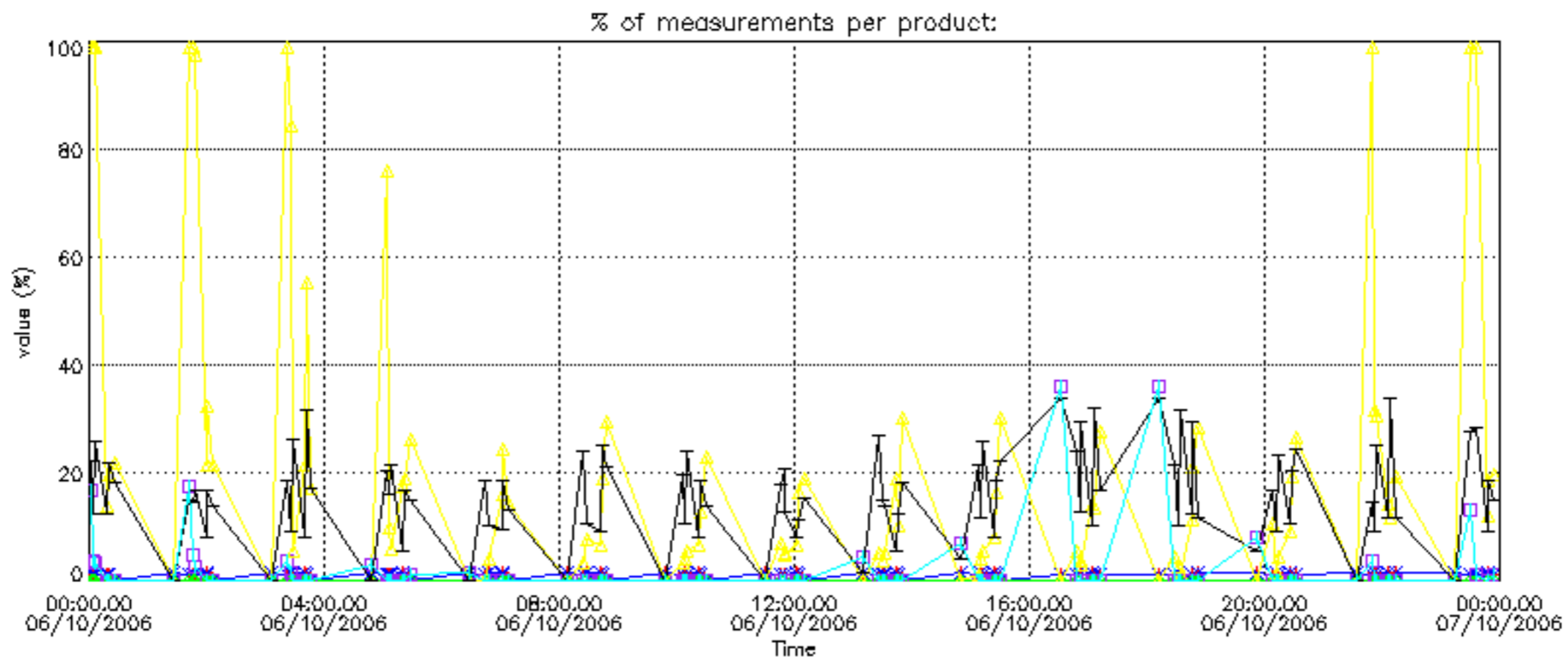


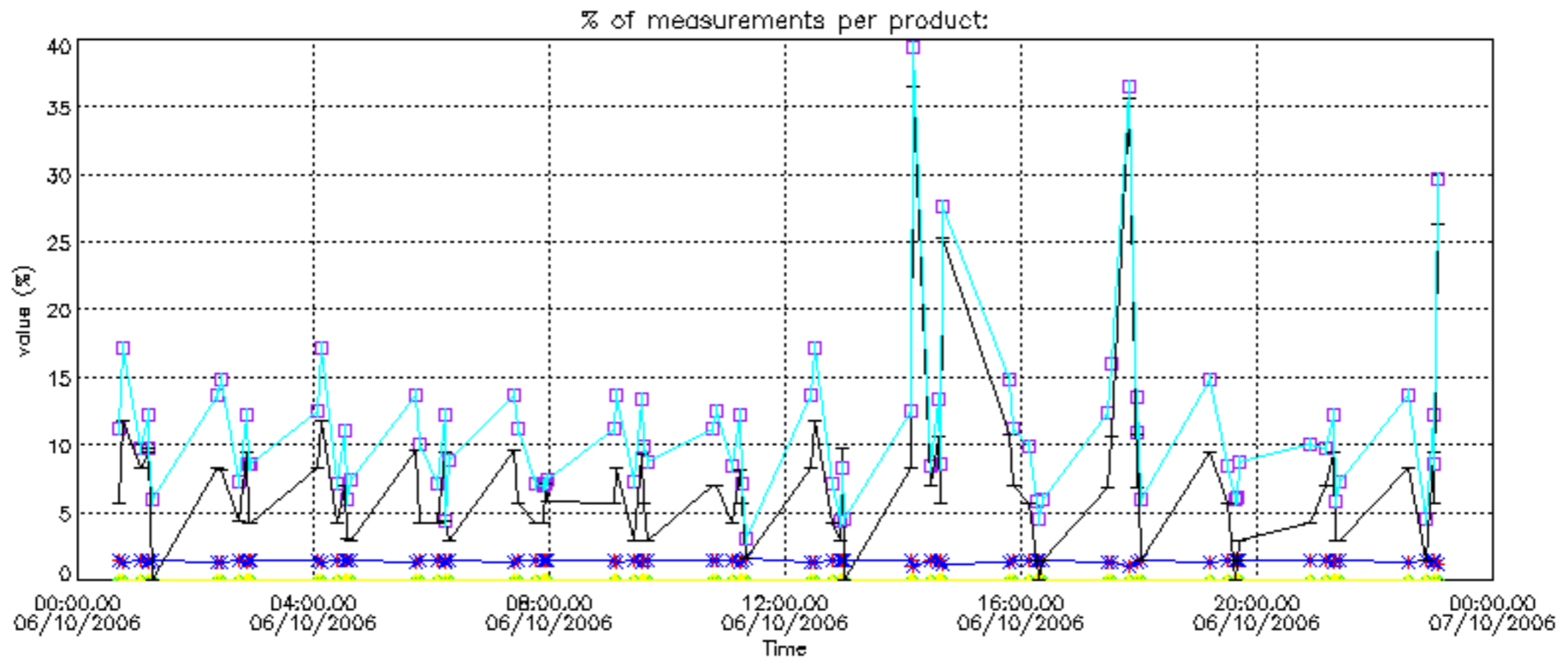
Percentage of flagged data per NO2 profile



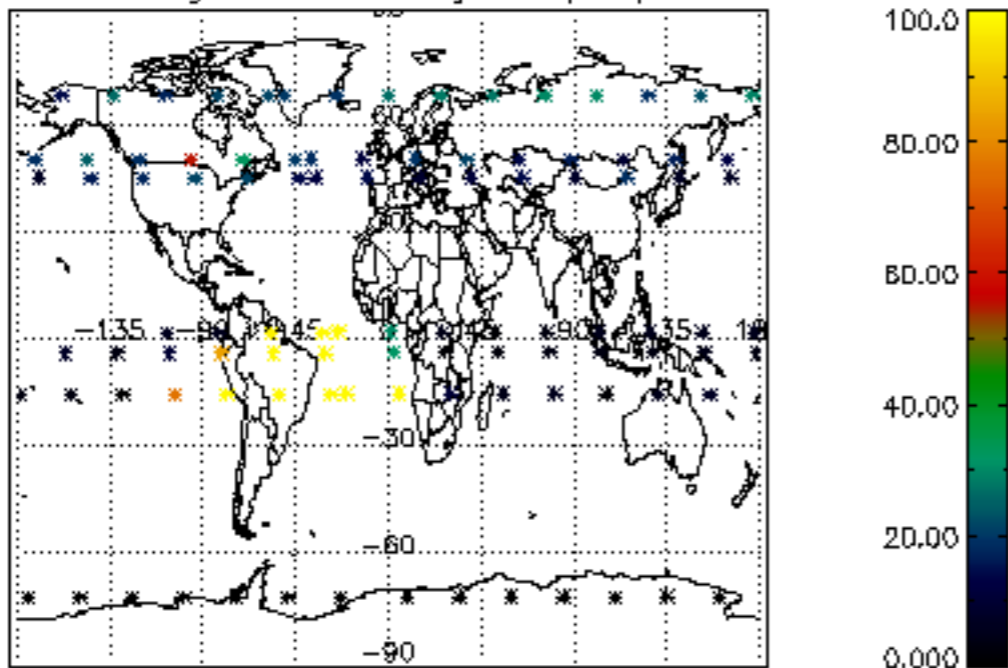
Percentage of flagged data per NO3 profile



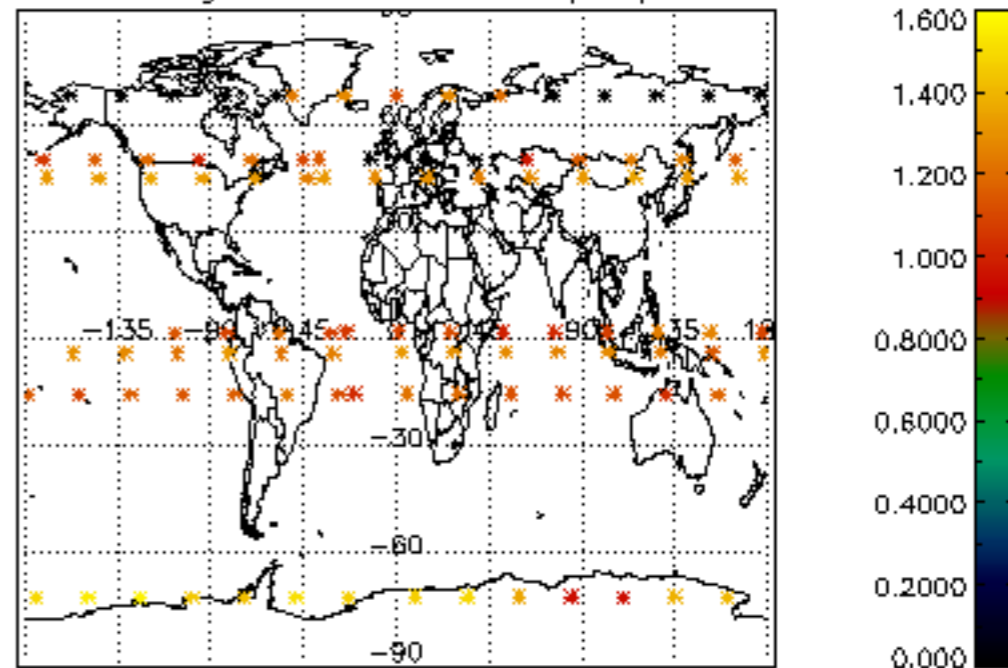




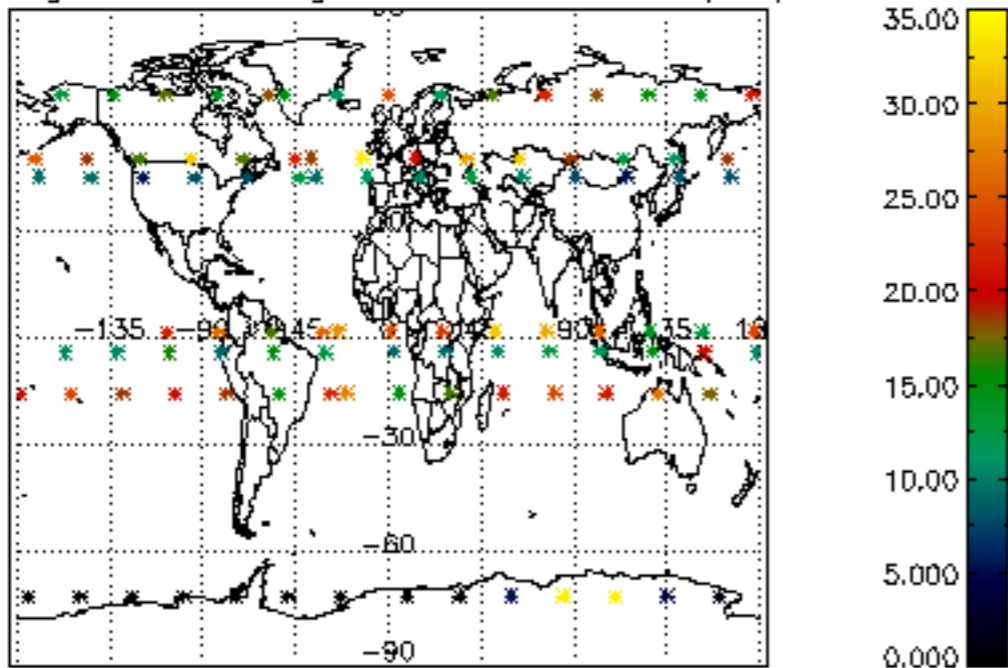
Percentage of cosmic ray hits per profile



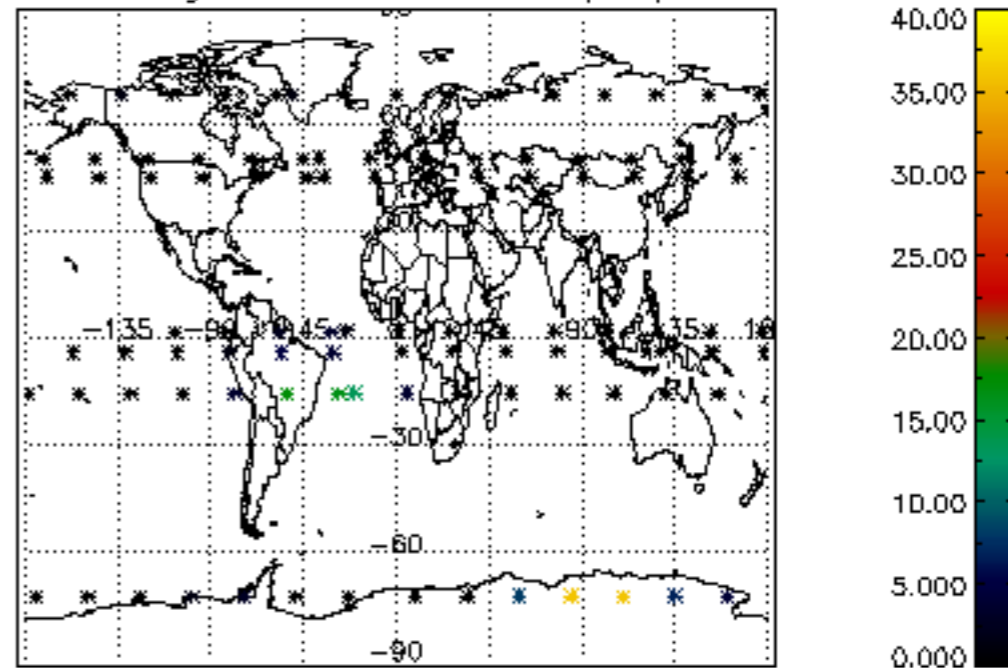
Percentage of datation errors per profile



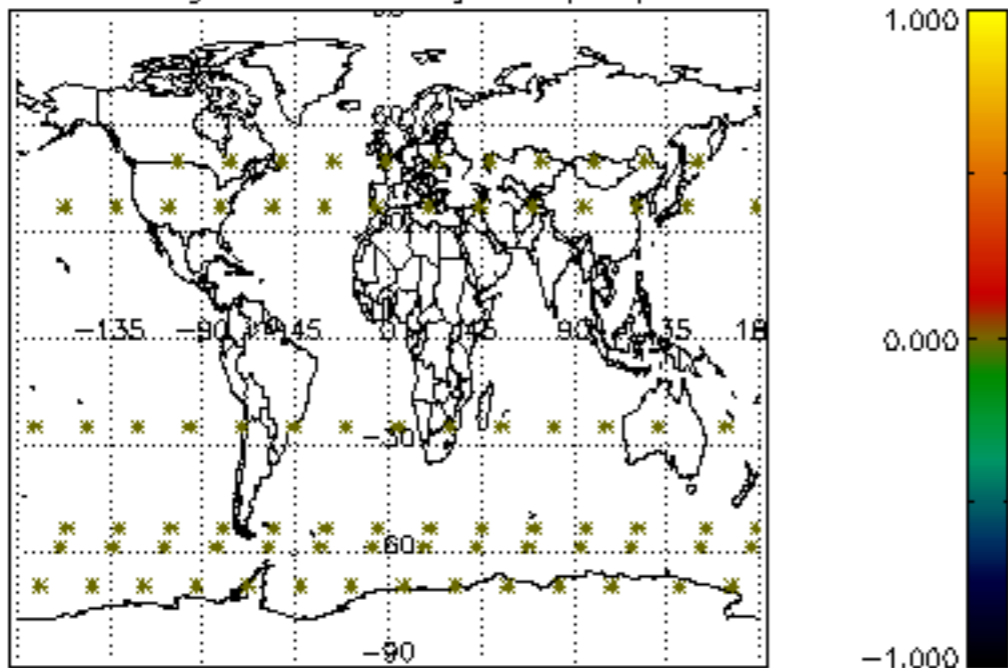
Percentage of star falling outside central band per profile



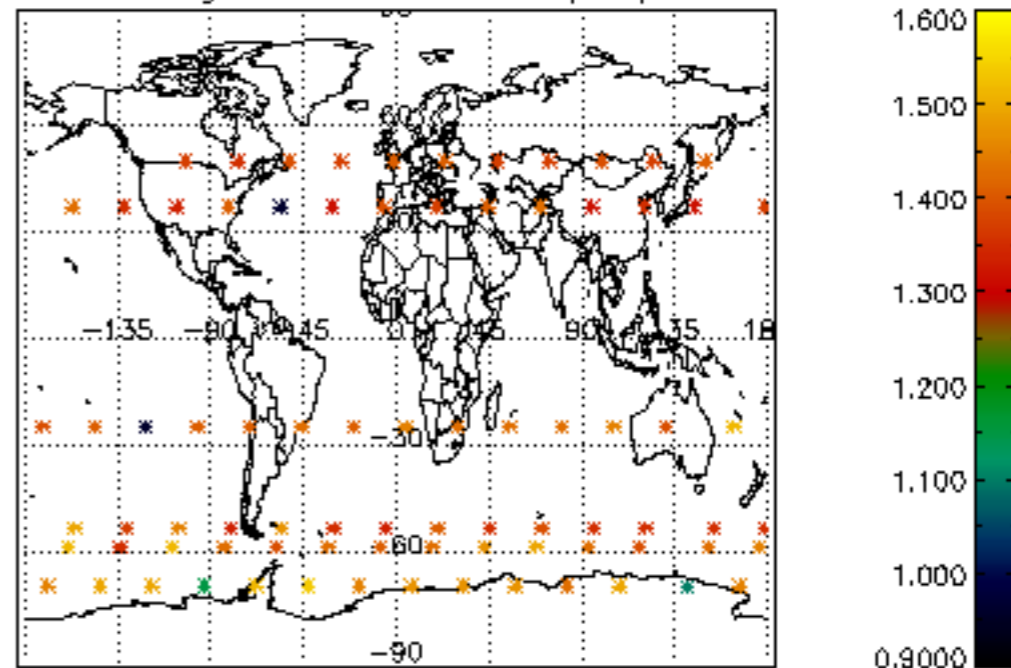
Percentage of saturation errors per profile



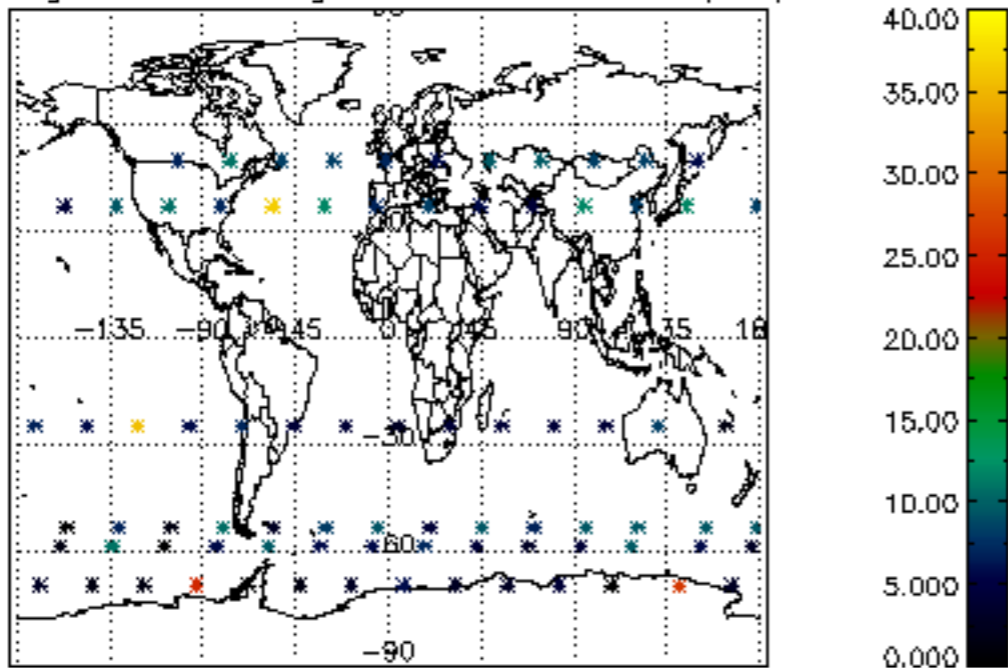
Percentage of cosmic ray hits per profile



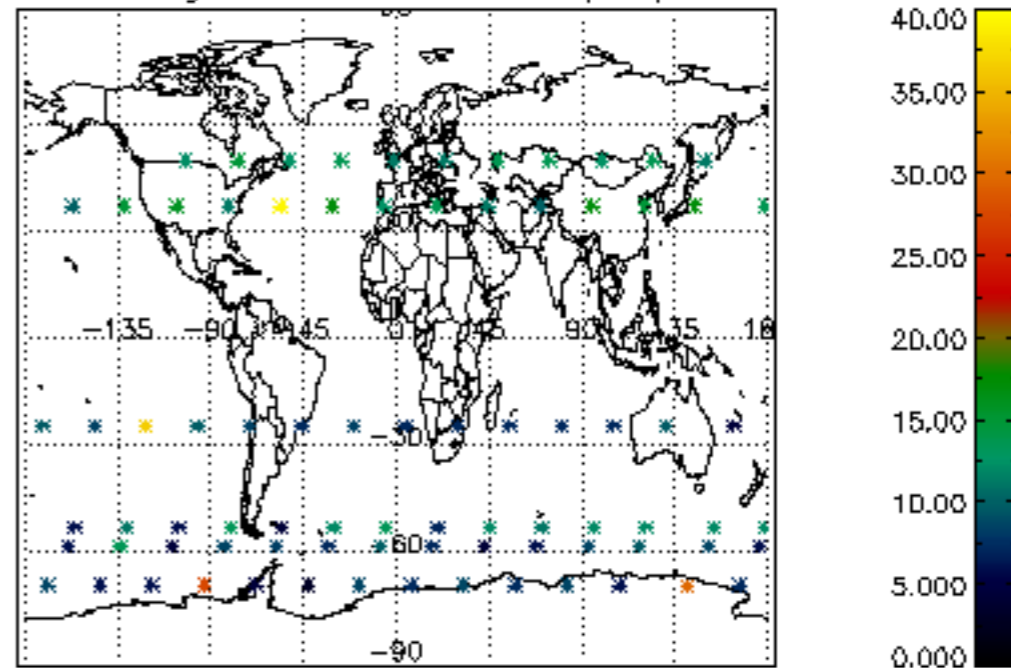
Percentage of datation errors per profile

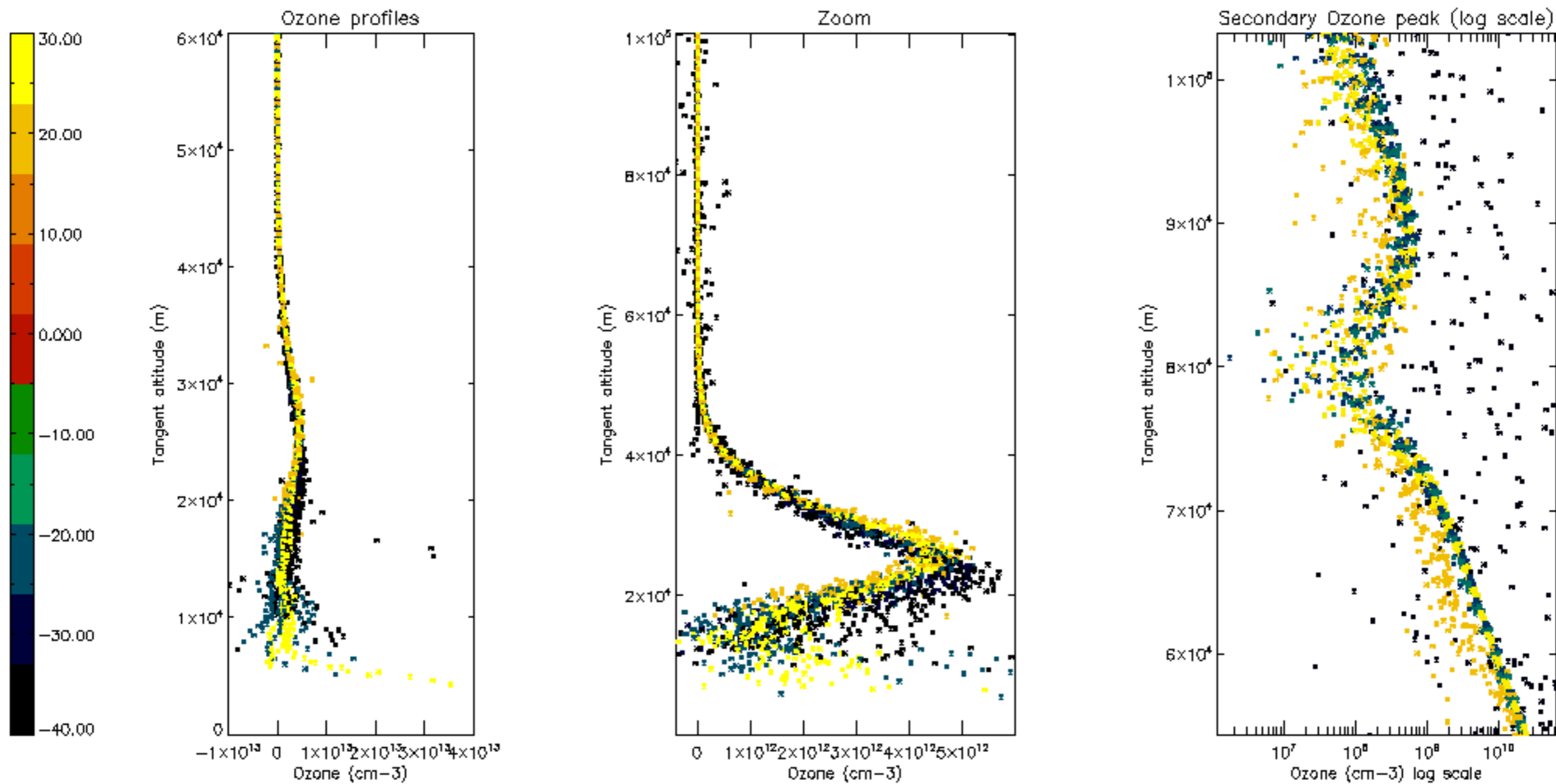


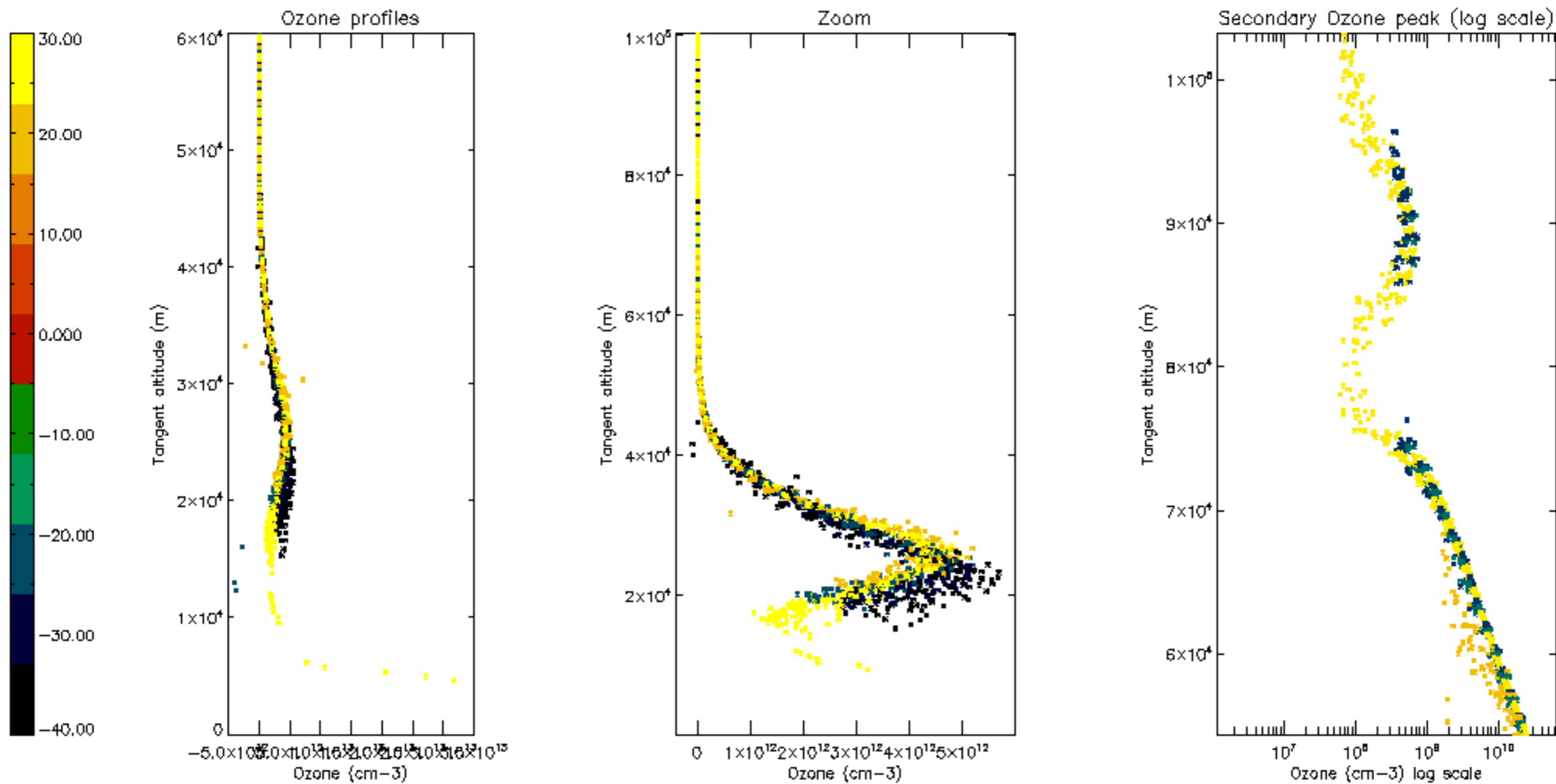
Percentage of star falling outside central band per profile

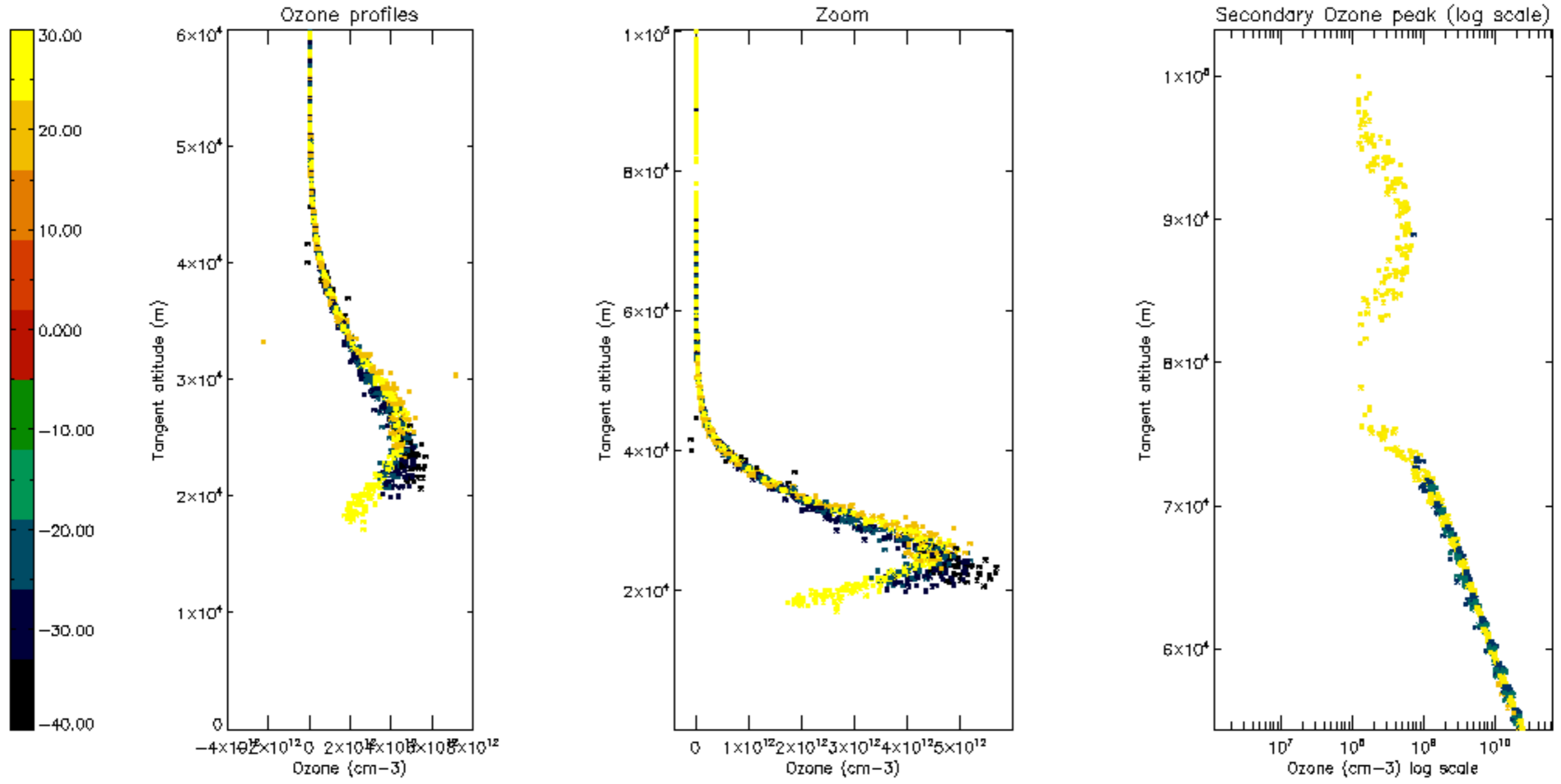


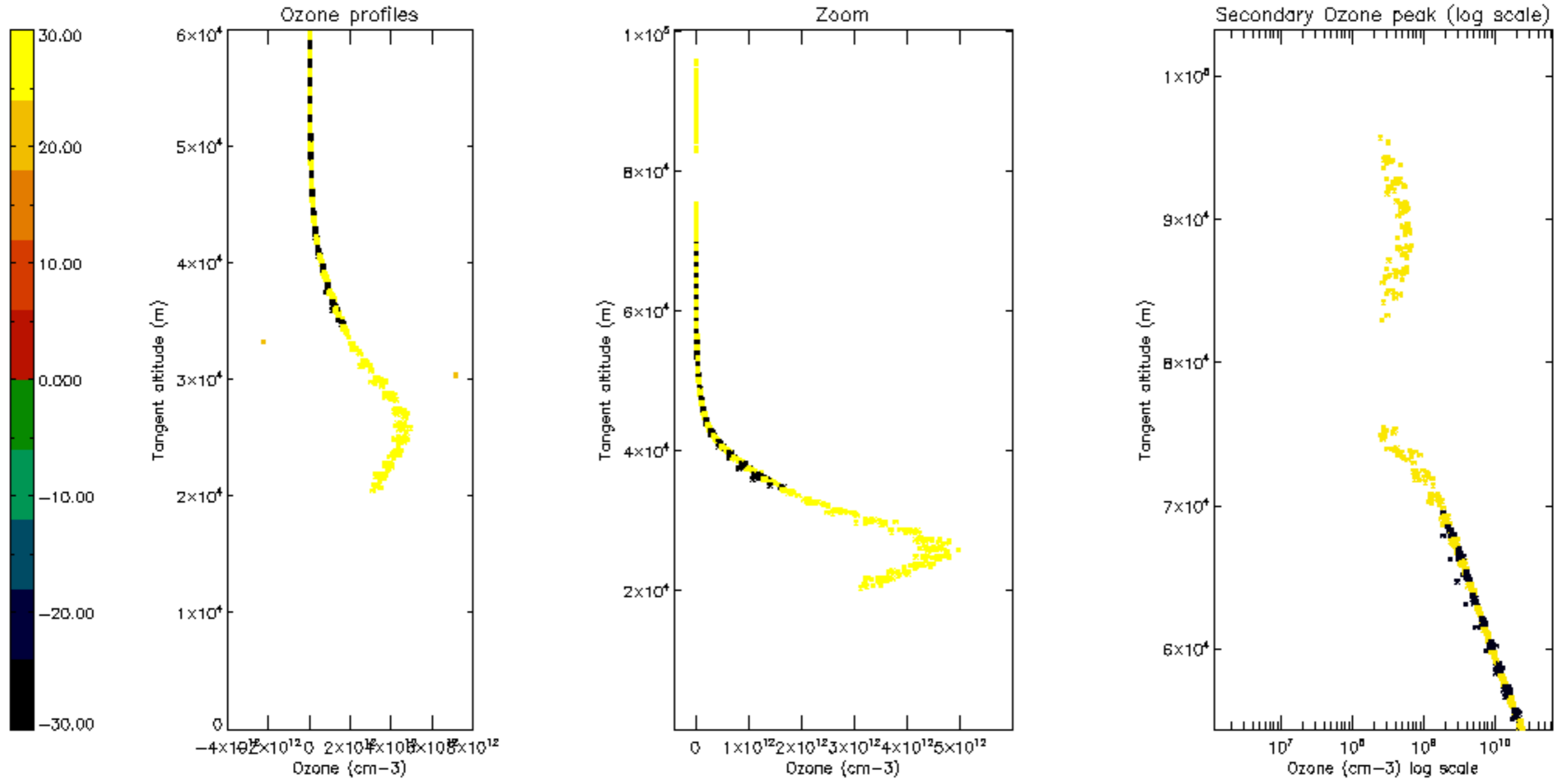
Percentage of saturation errors per profile

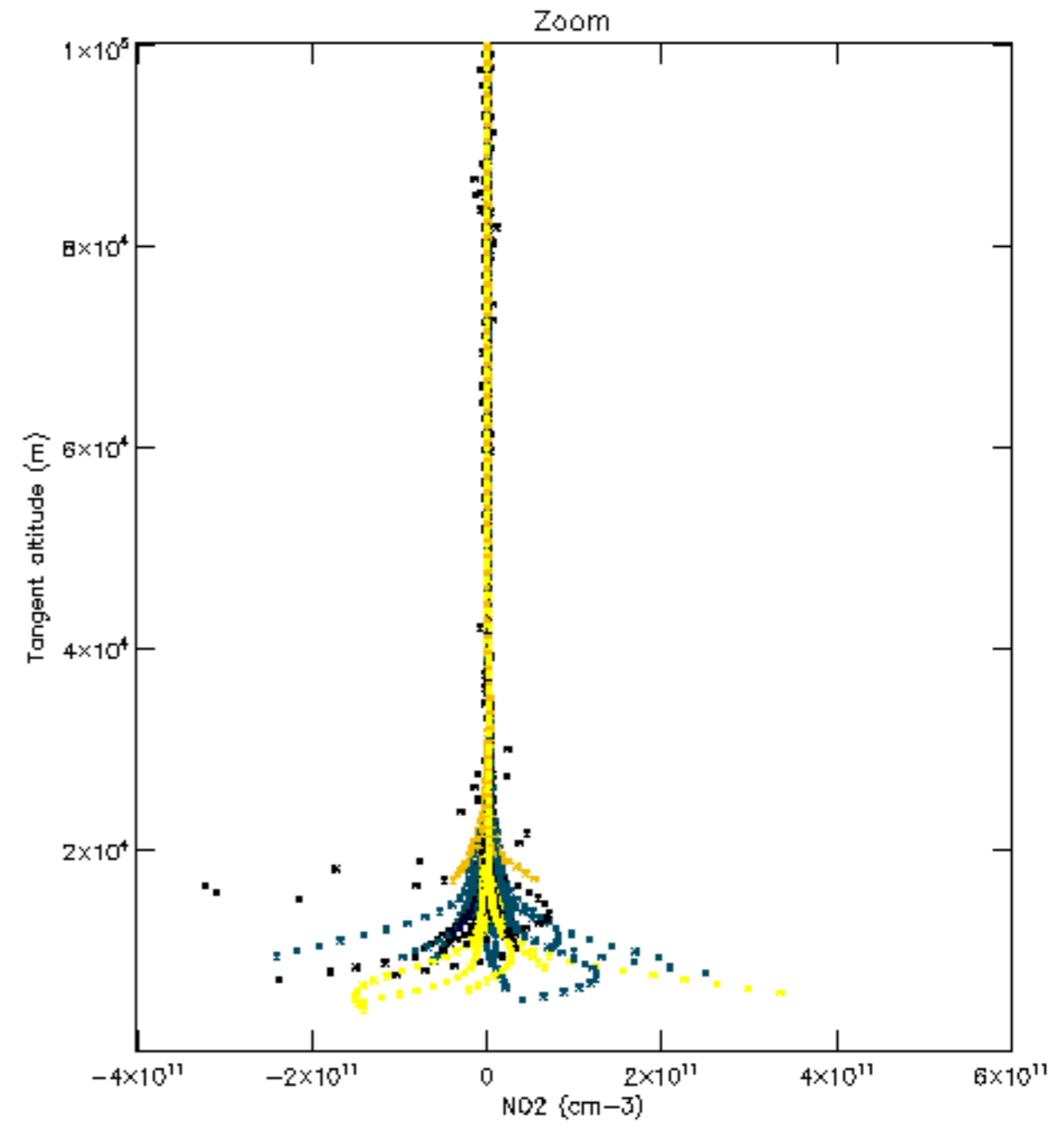
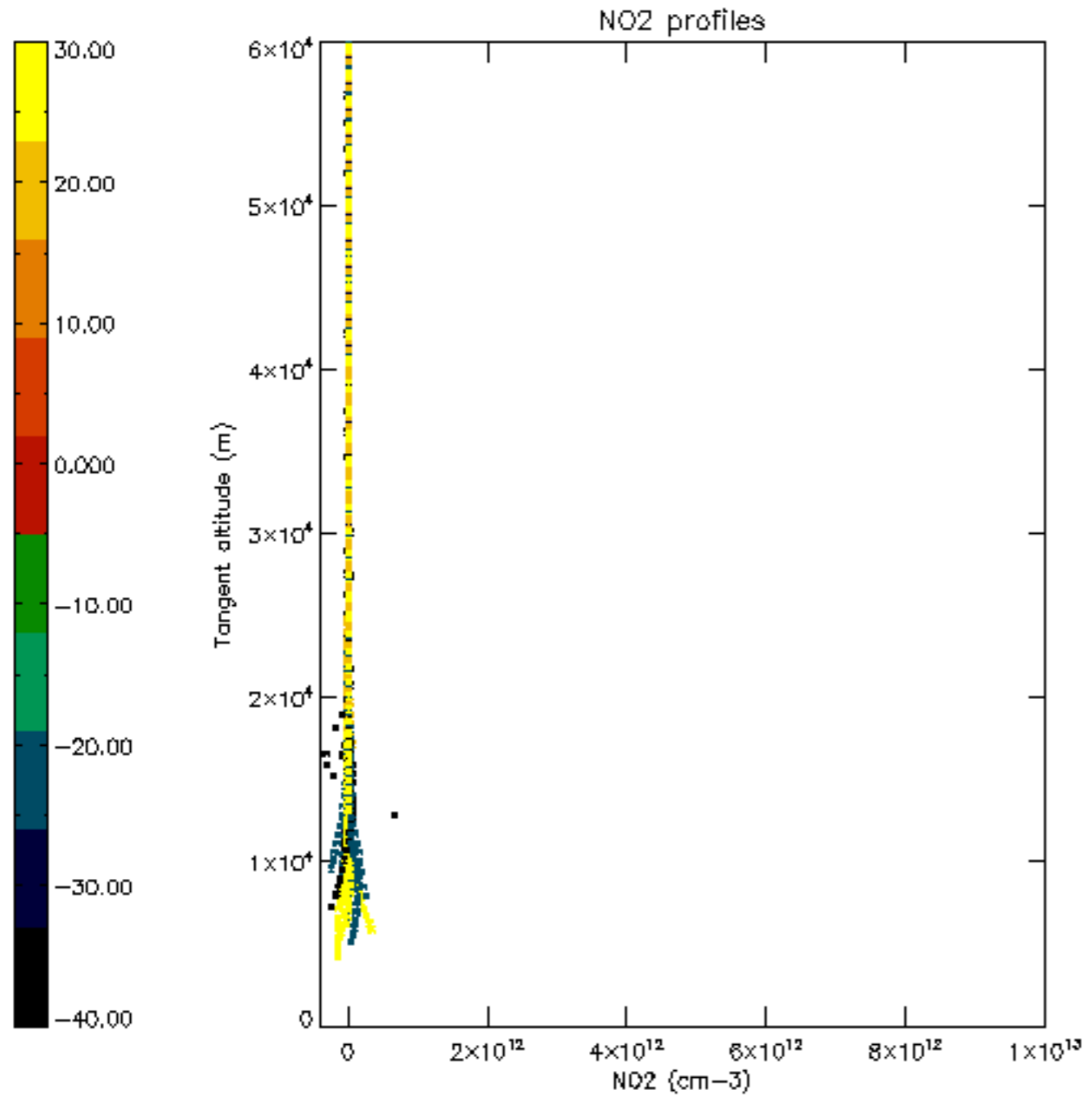


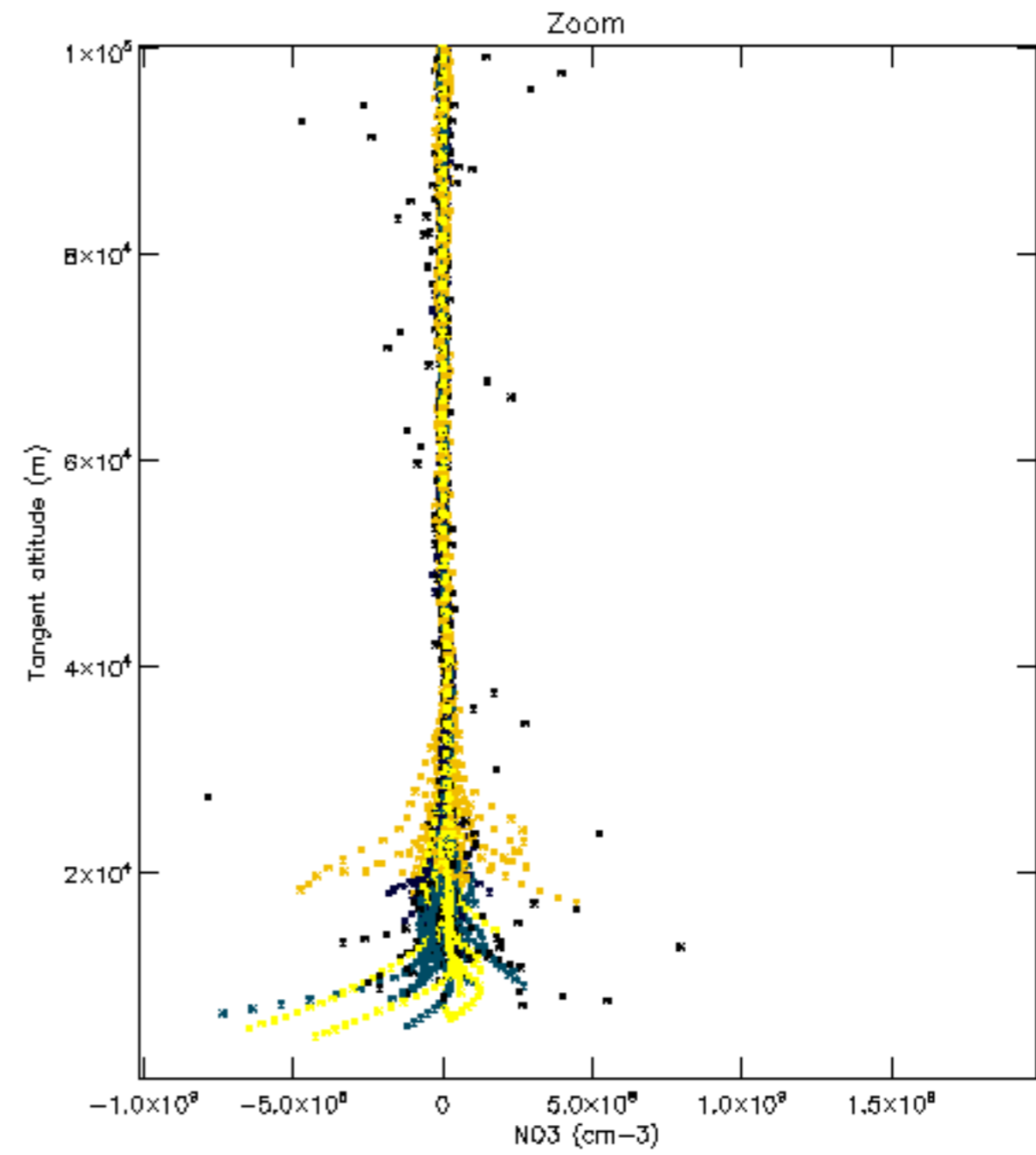
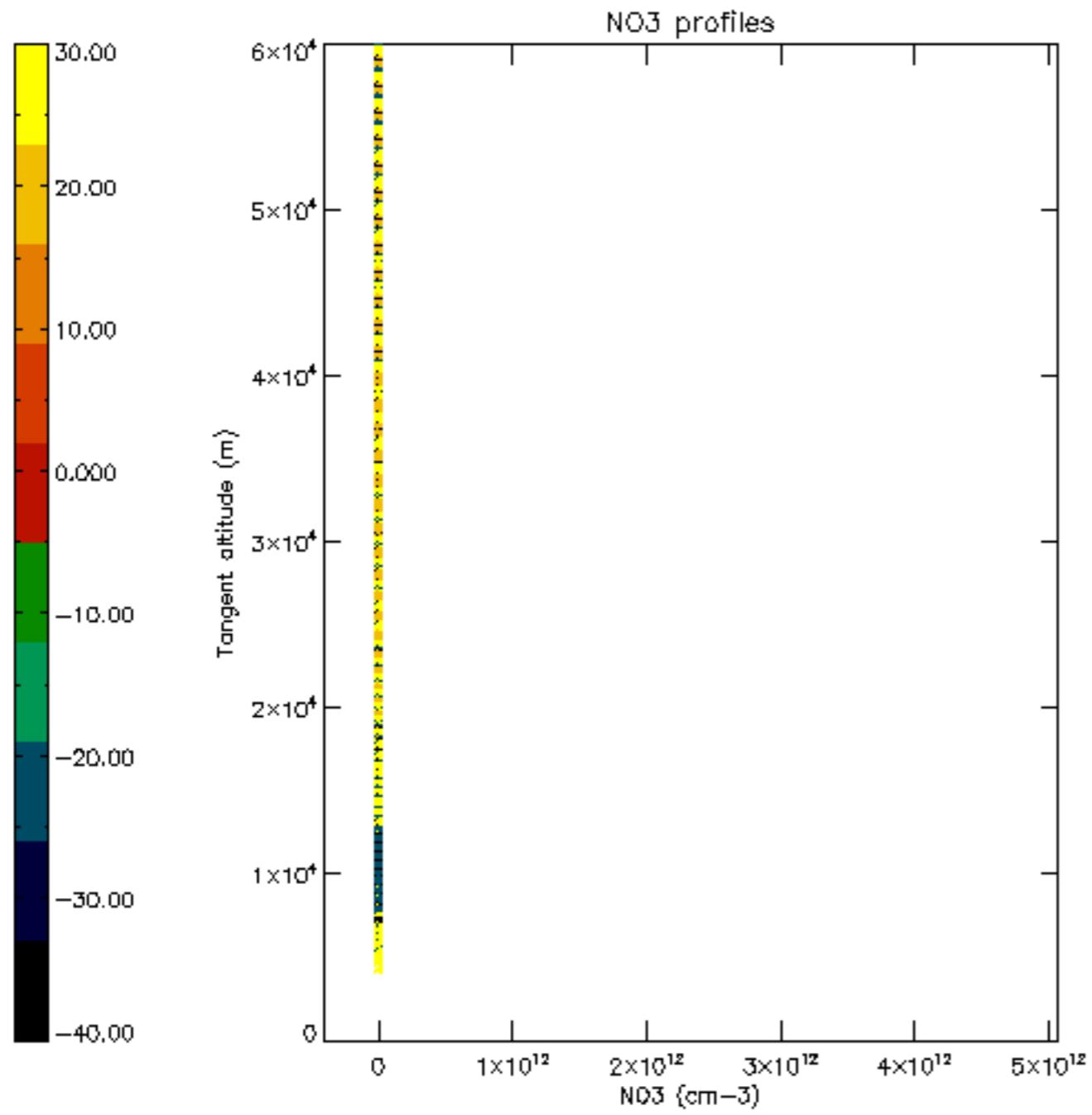


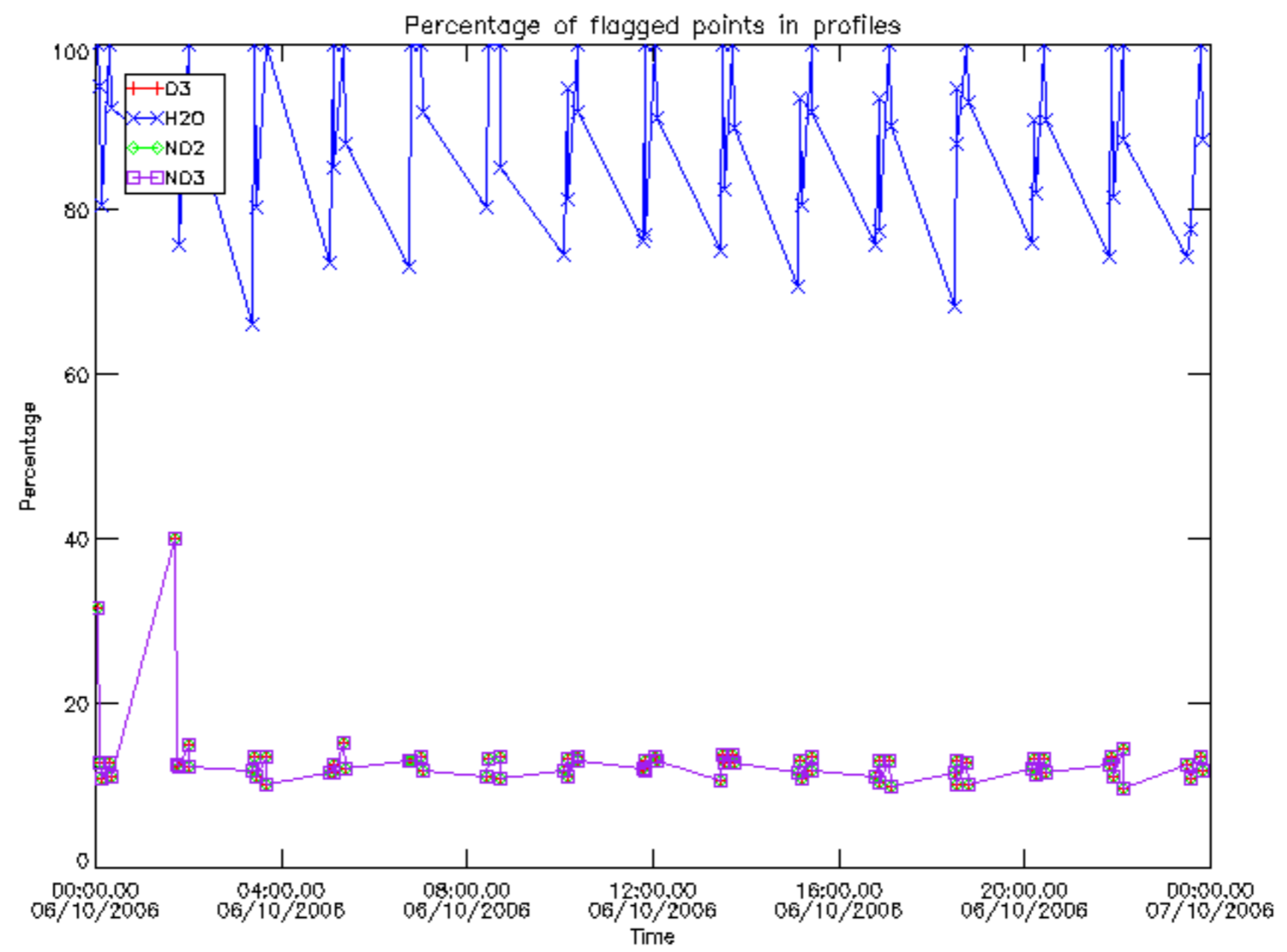




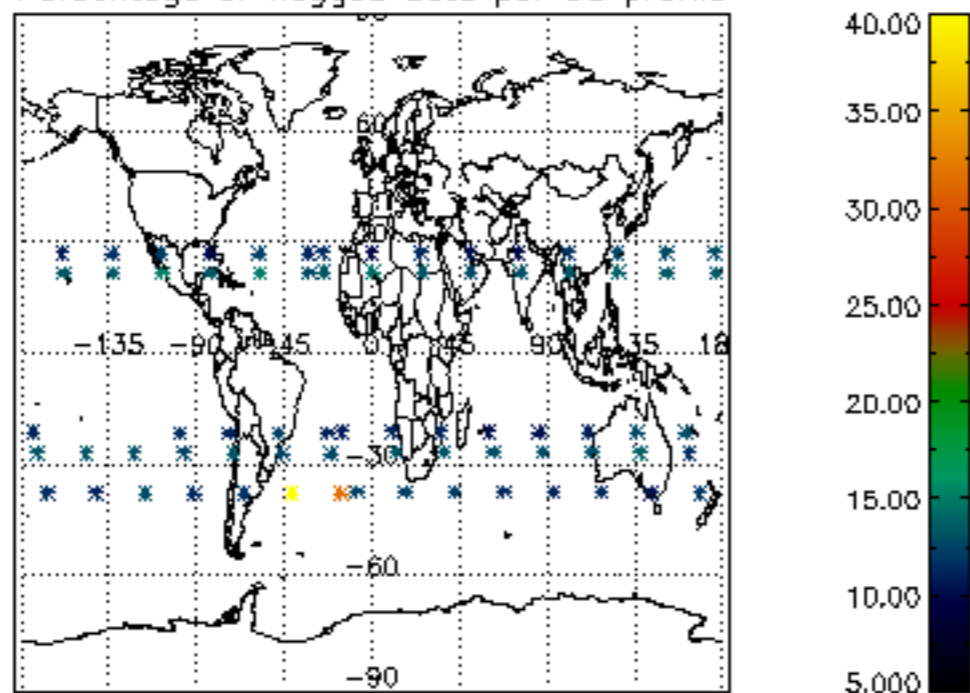




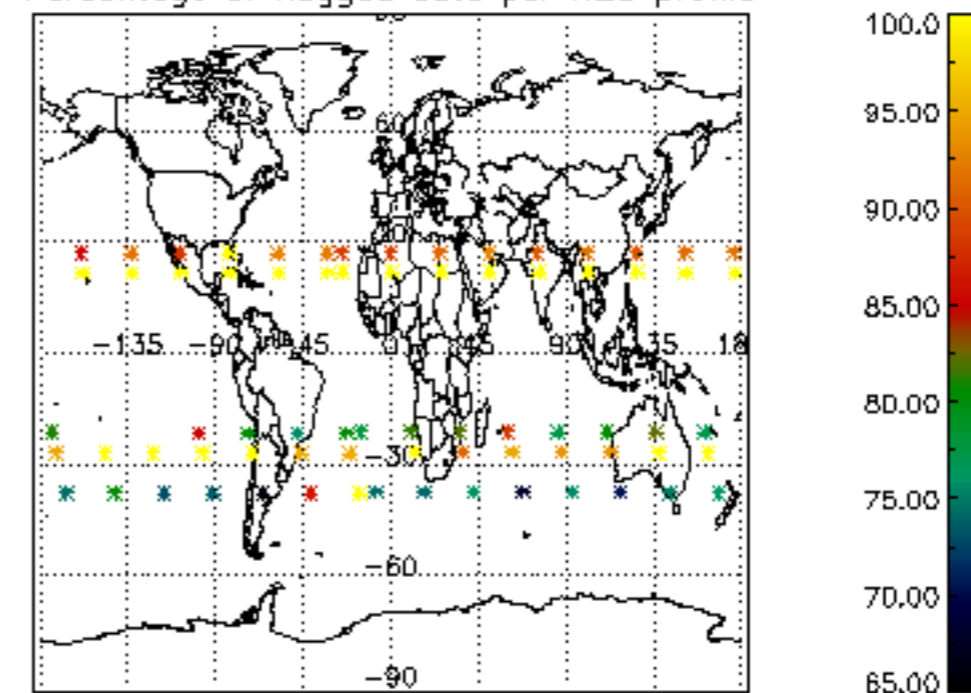




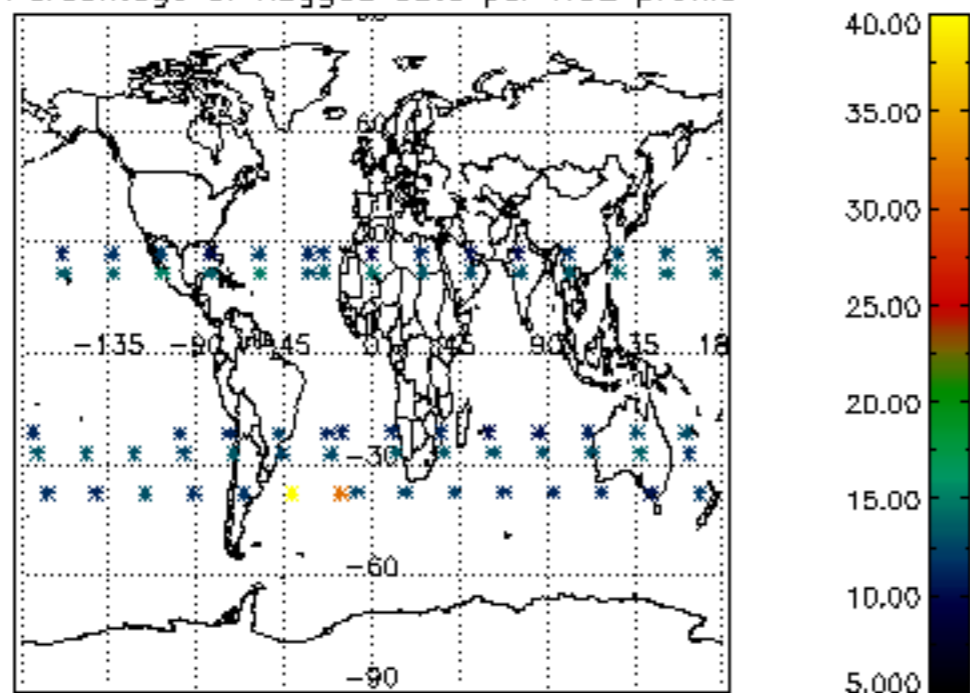
Percentage of flagged data per D3 profile



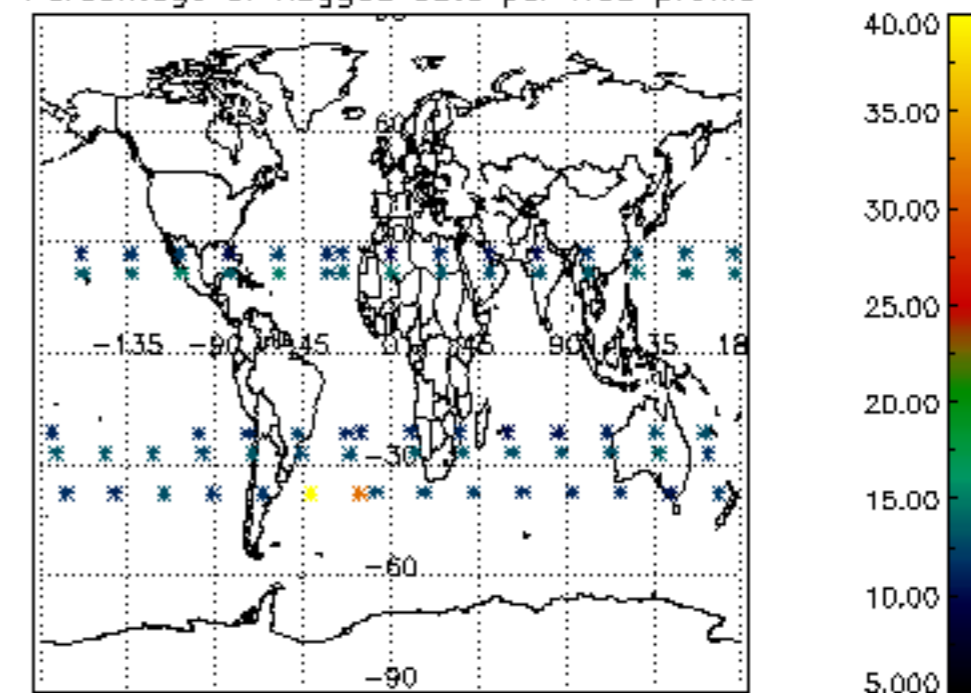
Percentage of flagged data per H2O profile

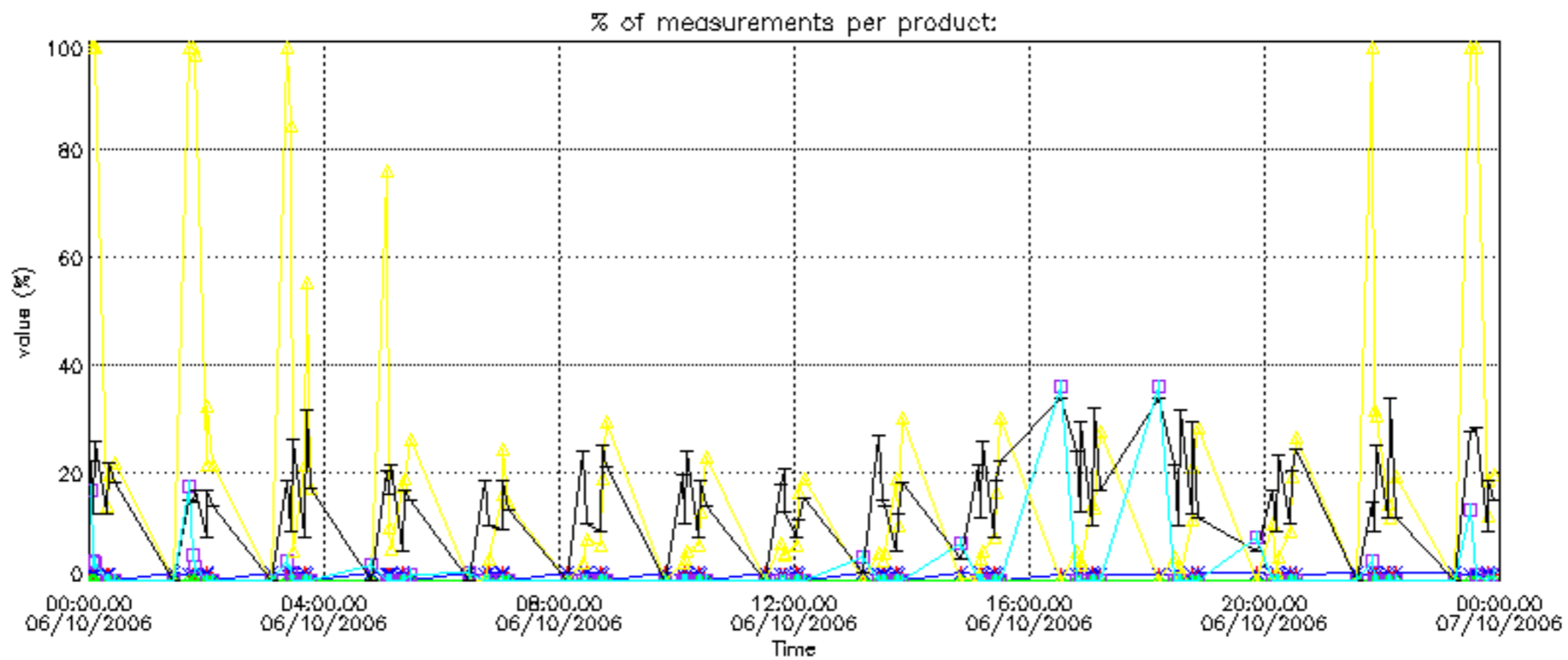


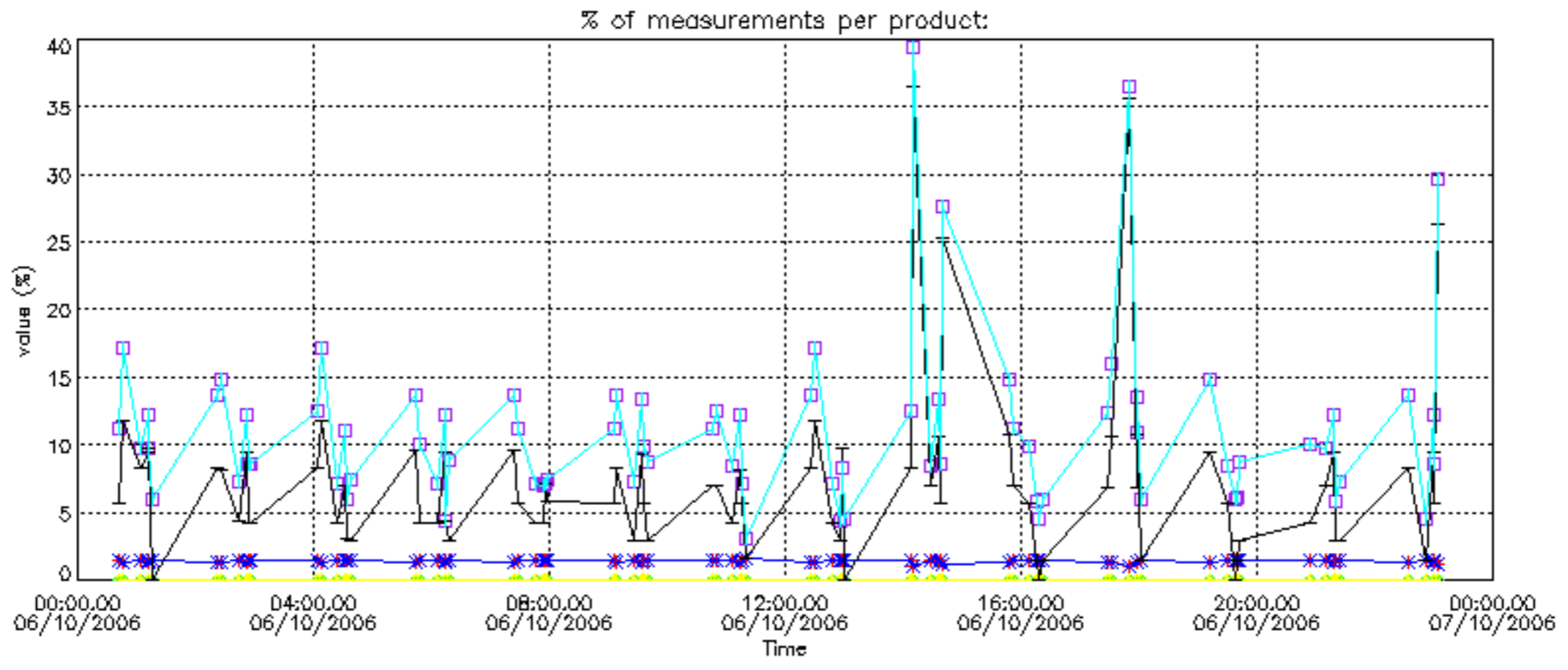
Percentage of flagged data per NO2 profile



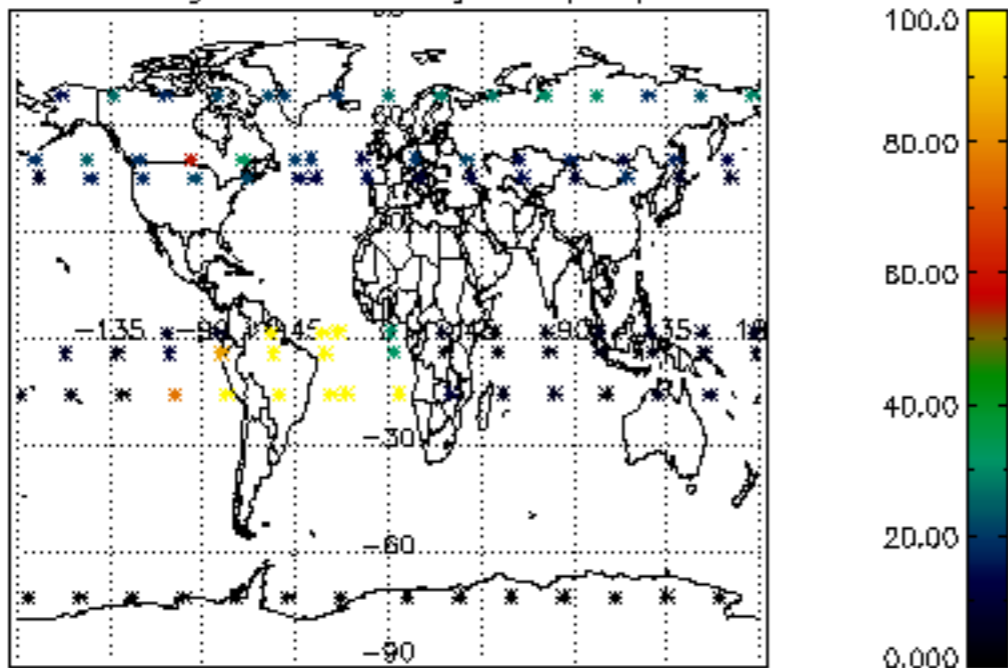
Percentage of flagged data per NO3 profile



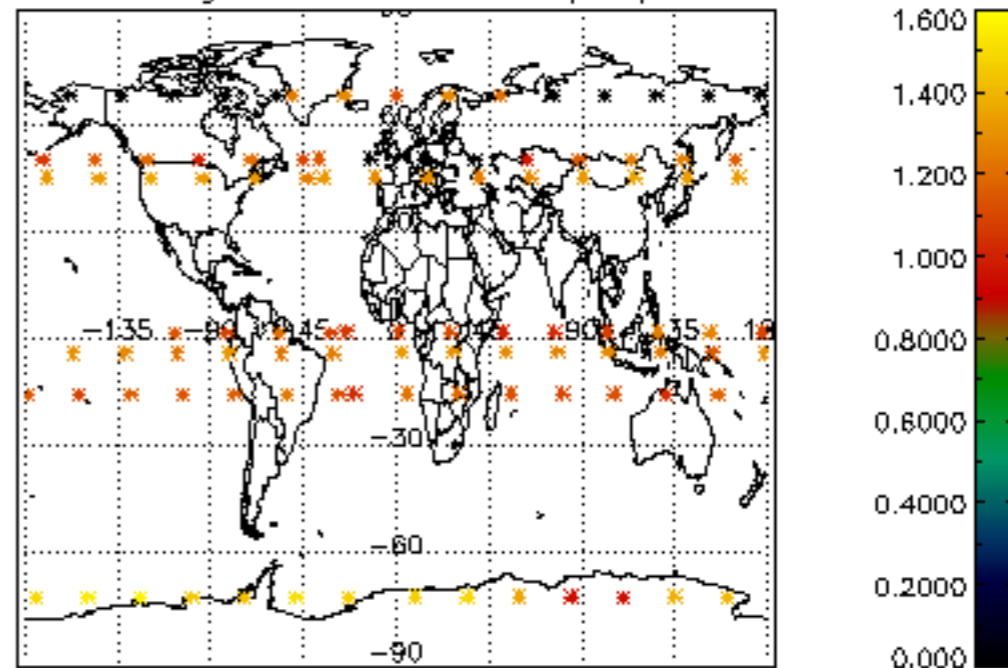




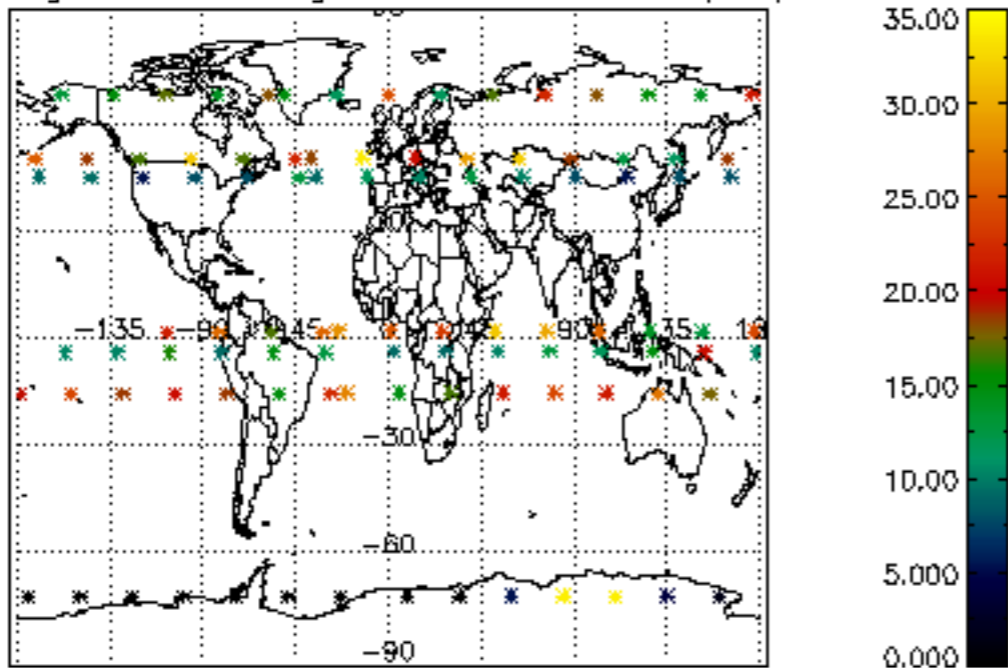
Percentage of cosmic ray hits per profile



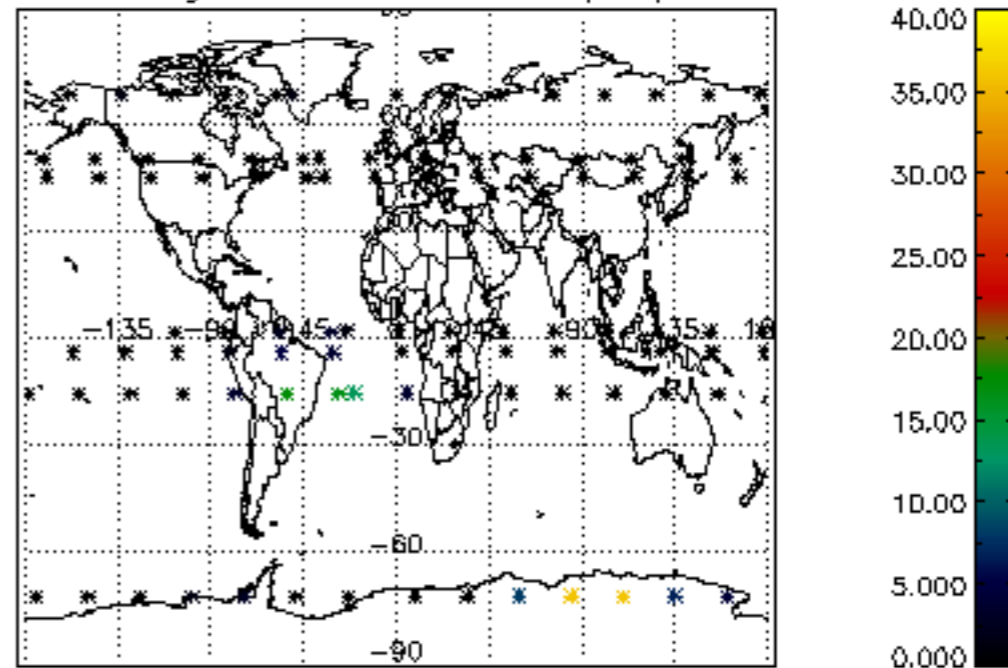
Percentage of datation errors per profile



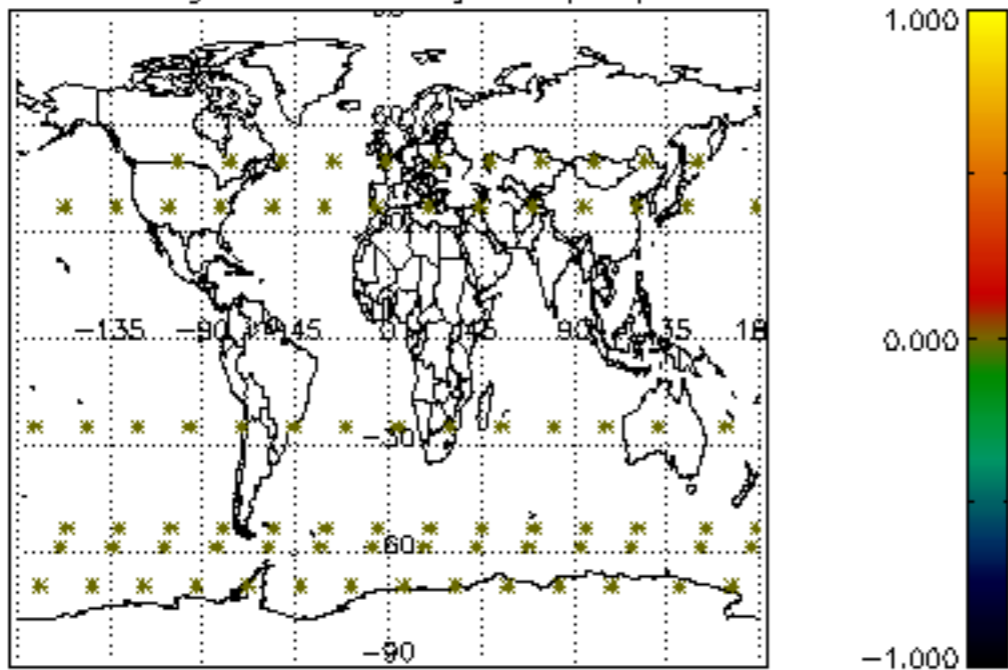
Percentage of star falling outside central band per profile



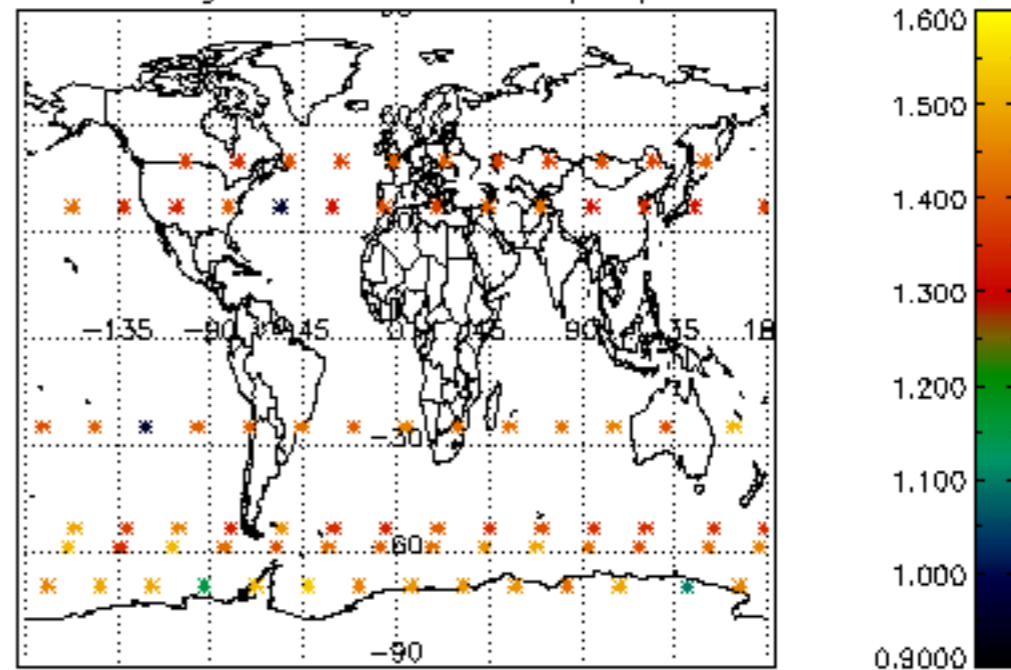
Percentage of saturation errors per profile



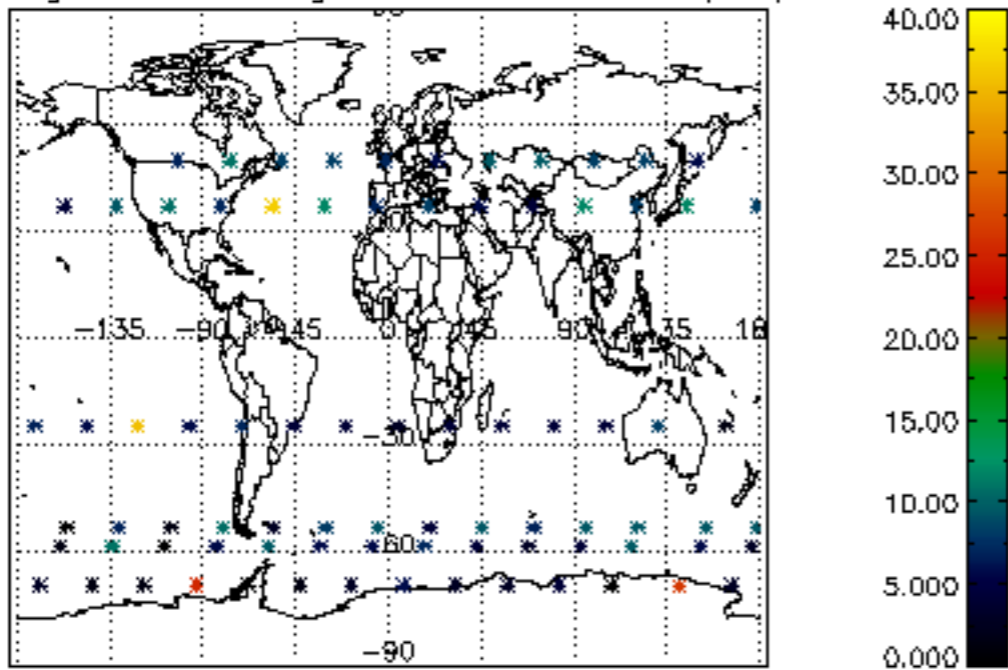
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

