

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	22APR2013 16:14:39
Data source version	GOMOS/6.01
Start time of products	28-02-2006 (28FEB2006 00:00:00)
Stop time of products	01-03-2006 (01MAR2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	290
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__2PRFIN20060228_000922_000000422045_00302_20897_7682.N1	28-FEB-2006 00:09:22	Dark	42.000	155	41Pi Sgr	2.9000	6600.0	84	20897	No
2	GOM_NL__2PRFIN20060228_001111_000000452045_00302_20897_7683.N1	28-FEB-2006 00:11:11	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	20897	No
3	GOM_NL__2PRFIN20060228_001415_000000412045_00302_20897_7684.N1	28-FEB-2006 00:14:15	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	20897	No
4	GOM_NL__2PRFIN20060228_001935_000000402045_00302_20897_7685.N1	28-FEB-2006 00:19:35	Dark	39.500	147	Alp Ara	2.8770	26000.	79	20897	No
5	GOM_NL__2PRFIN20060228_002051_000000472045_00303_20898_7812.N1	28-FEB-2006 00:20:51	Dark	47.000	141	Bet Ara	2.8400	4600.0	94	20898	No
6	GOM_NL__2PRFIN20060228_002450_000000392045_00303_20898_7813.N1	28-FEB-2006 00:24:50	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20898	No
7	GOM_NL__2PRFIN20060228_002724_000000312045_00303_20898_7814.N1	28-FEB-2006 00:27:24	Dark	31.000	4	Alp1Cen	-0.010000	5800.0	62	20898	No
8	GOM_NL__2PRFIN20060228_003005_000000382045_00303_20898_7815.N1	28-FEB-2006 00:30:05	Dark	37.500	112	Alp Mus	2.6880	26000.	75	20898	No
9	GOM_NL__2PRFIN20060228_003121_000000522045_00303_20898_7816.N1	28-FEB-2006 00:31:21	Dark	52.000	12	Alp1Cru	0.77500	30000.	104	20898	No
10	GOM_NL__2PRFIN20060228_003313_000000362045_00303_20898_7817.N1	28-FEB-2006 00:33:13	Dark	35.500	124	The Car	2.7640	30000.	71	20898	No
11	GOM_NL__2PRFIN20060228_003537_000000372045_00303_20898_7818.N1	28-FEB-2006 00:35:37	Dark	36.500	71	lot Car	2.2460	7700.0	73	20898	No
12	GOM_NL__2PRFIN20060228_004001_000000462045_00303_20898_7819.N1	28-FEB-2006 00:40:01	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	20898	No
13	GOM_NL__2PRFIN20060228_004933_000000422045_00303_20898_7820.N1	28-FEB-2006 00:49:33	Twilight_and_stray	42.000	48	30Alp Hya	1.9770	4100.0	84	20898	No
14	GOM_NL__2PRFIN20060228_010041_000000382045_00303_20898_7821.N1	28-FEB-2006 01:00:41	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	20898	No
15	GOM_NL__2PRFIN20060228_010154_000000382045_00303_20898_7822.N1	28-FEB-2006 01:01:54	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	20898	No
16	GOM_NL__2PRFIN20060228_011734_000000332045_00303_20898_7823.N1	28-FEB-2006 01:17:34	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20898	No
17	GOM_NL__2PRFIN20060228_012502_000000322045_00303_20898_7824.N1	28-FEB-2006 01:25:02	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	20898	No
18	GOM_NL__2PRFIN20060228_013007_000000362045_00303_20898_7825.N1	28-FEB-2006 01:30:07	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	20898	No
19	GOM_NL__2PRFIN20060228_013141_000000332045_00303_20898_7826.N1	28-FEB-2006 01:31:41	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20898	No
20	GOM_NL__2PRFIN20060228_013313_000000332045_00303_20898_7827.N1	28-FEB-2006 01:33:13	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	20898	No
21	GOM_NL__2PRFIN20060228_014027_000000372045_00303_20898_7828.N1	28-FEB-2006 01:40:27	Bright	37.000	118	50Gam Aql	2.7180	4600.0	74	20898	No
22	GOM_NL__2PRFIN20060228_014959_000000402045_00303_20898_7829.N1	28-FEB-2006 01:49:59	Dark	40.000	155	41Pi Sgr	2.9000	6600.0	80	20898	No
23	GOM_NL__2PRFIN20060228_015147_000000402045_00303_20898_7830.N1	28-FEB-2006 01:51:47	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	20898	No
24	GOM_NL__2PRFIN20060228_015451_000000452045_00303_20898_7831.N1	28-FEB-2006 01:54:51	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	20898	No
25	GOM_NL__2PRFIN20060228_020127_000000412045_00304_20899_7665.N1	28-FEB-2006 02:01:27	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20899	No
26	GOM_NL__2PRFIN20060228_020527_000000392045_00304_20899_7666.N1	28-FEB-2006 02:05:27	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20899	No
27	GOM_NL__2PRFIN20060228_020800_000000312045_00304_20899_7667.N1	28-FEB-2006 02:08:00	Dark	31.000	4	Alp1Cen	-0.010000	5800.0	62	20899	No
28	GOM_NL__2PRFIN20060228_021042_000000372045_00304_20899_7668.N1	28-FEB-2006 02:10:42	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20899	No
29	GOM_NL__2PRFIN20060228_021157_000000472045_00304_20899_7669.N1	28-FEB-2006 02:11:57	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	20899	No
30	GOM_NL__2PRFIN20060228_021349_000000352045_00304_20899_7670.N1	28-FEB-2006 02:13:49	Dark	35.000	124	The Car	2.7640	30000.	70	20899	No
31	GOM_NL__2PRFIN20060228_021613_000000372045_00304_20899_7671.N1	28-FEB-2006 02:16:13	Dark	37.000	71	lot Car	2.2460	7700.0	74	20899	No
32	GOM_NL__2PRFIN20060228_022037_000000422045_00304_20899_7672.N1	28-FEB-2006 02:20:37	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20899	No
33	GOM_NL__2PRFIN20060228_023009_000000432045_00304_20899_7673.N1	28-FEB-2006 02:30:09	Twilight_and_stray	43.000	48	30Alp Hya	1.9770	4100.0	86	20899	No
34	GOM_NL__2PRFIN20060228_024117_000000382045_00304_20899_7674.N1	28-FEB-2006 02:41:17	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20899	No
35	GOM_NL__2PRFIN20060228_024230_000000382045_00304_20899_7675.N1	28-FEB-2006 02:42:30	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	20899	No
36	GOM_NL__2PRFIN20060228_025810_000000342045_00304_20899_7676.N1	28-FEB-2006 02:58:10	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	20899	No
37	GOM_NL__2PRFIN20060228_030538_000000352045_00304_20899_7677.N1	28-FEB-2006 03:05:38	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20899	No
38	GOM_NL__2PRFIN20060228_031043_000000332045_00304_20899_7678.N1	28-FEB-2006 03:10:43	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20899	No
39	GOM_NL__2PRFIN20060228_031218_000000352045_00304_20899_7679.N1	28-FEB-2006 03:12:18	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20899	No
40	GOM_NL__2PRFIN20060228_031350_000000342045_00304_20899_7680.N1	28-FEB-2006 03:13:50	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20899	No
41	GOM_NL__2PRFIN20060228_032103_000000372045_00304_20899_7681.N1	28-FEB-2006 03:21:03	Bright	37.000	118	50Gam Aql	2.7180	4600.0	74	20899	No
42	GOM_NL__2PRFIN20060228_033035_000000412045_00304_20899_7682.N1	28-FEB-2006 03:30:35	Dark	40.500	155	41Pi Sgr	2.9000	6600.0	81	20899	No

43	GOM_NL_2PRFIN20060228_033223_000000412045_00304_20899_7683.N1	28-FEB-2006 03:32:23	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	20899	No
44	GOM_NL_2PRFIN20060228_033528_000000462045_00304_20899_7684.N1	28-FEB-2006 03:35:28	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	20899	No
45	GOM_NL_2PRFIN20060228_034204_000000462045_00305_20900_7665.N1	28-FEB-2006 03:42:04	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	20900	No
46	GOM_NL_2PRFIN20060228_034603_000000372045_00305_20900_7666.N1	28-FEB-2006 03:46:03	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	20900	No
47	GOM_NL_2PRFIN20060228_034837_000000302045_00305_20900_7667.N1	28-FEB-2006 03:48:37	Dark	30.000	4	Alp1Cen	-0.010000	5800.0	60	20900	No
48	GOM_NL_2PRFIN20060228_035118_000000382045_00305_20900_7668.N1	28-FEB-2006 03:51:18	Dark	37.500	112	Alp Mus	2.6880	26000.	75	20900	No
49	GOM_NL_2PRFIN20060228_035234_000000492045_00305_20900_7669.N1	28-FEB-2006 03:52:34	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	20900	No
50	GOM_NL_2PRFIN20060228_035425_000000352045_00305_20900_7670.N1	28-FEB-2006 03:54:25	Dark	35.000	124	The Car	2.7640	30000.	70	20900	No
51	GOM_NL_2PRFIN20060228_035649_000000382045_00305_20900_7671.N1	28-FEB-2006 03:56:49	Dark	38.000	71	lot Car	2.2460	7700.0	76	20900	No
52	GOM_NL_2PRFIN20060228_040114_000000422045_00305_20900_7672.N1	28-FEB-2006 04:01:14	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20900	No
53	GOM_NL_2PRFIN20060228_041045_000000462045_00305_20900_7673.N1	28-FEB-2006 04:10:45	Twl_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	20900	No
54	GOM_NL_2PRFIN20060228_042153_000000392045_00305_20900_7674.N1	28-FEB-2006 04:21:53	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20900	No
55	GOM_NL_2PRFIN20060228_043846_000000352045_00305_20900_7675.N1	28-FEB-2006 04:38:46	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20900	No
56	GOM_NL_2PRFIN20060228_044614_000000362045_00305_20900_7676.N1	28-FEB-2006 04:46:14	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20900	No
57	GOM_NL_2PRFIN20060228_045120_000000372045_00305_20900_7677.N1	28-FEB-2006 04:51:20	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	20900	No
58	GOM_NL_2PRFIN20060228_045254_000000362045_00305_20900_7678.N1	28-FEB-2006 04:52:54	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	20900	No
59	GOM_NL_2PRFIN20060228_045426_000000362045_00305_20900_7679.N1	28-FEB-2006 04:54:26	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	20900	No
60	GOM_NL_2PRFIN20060228_050140_000000372045_00305_20900_7680.N1	28-FEB-2006 05:01:40	Bright	37.000	118	50Gam Aql	2.7180	4600.0	74	20900	No
61	GOM_NL_2PRFIN20060228_051112_000000402045_00305_20900_7681.N1	28-FEB-2006 05:11:12	Dark	39.500	155	41Pi Sgr	2.9000	6600.0	79	20900	No
62	GOM_NL_2PRFIN20060228_051300_000000422045_00305_20900_7682.N1	28-FEB-2006 05:13:00	Dark	42.000	57	34Sig Sgr	2.0660	26000.	84	20900	No
63	GOM_NL_2PRFIN20060228_051605_000000452045_00305_20900_7683.N1	28-FEB-2006 05:16:05	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	20900	No
64	GOM_NL_2PRFIN20060228_052640_000000382045_00306_20901_7665.N1	28-FEB-2006 05:26:40	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20901	No
65	GOM_NL_2PRFIN20060228_052913_000000302045_00306_20901_7666.N1	28-FEB-2006 05:29:13	Dark	30.000	4	Alp1Cen	-0.010000	5800.0	60	20901	No
66	GOM_NL_2PRFIN20060228_053154_000000362045_00306_20901_7667.N1	28-FEB-2006 05:31:54	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20901	No
67	GOM_NL_2PRFIN20060228_053310_000000392045_00306_20901_7668.N1	28-FEB-2006 05:33:10	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	20901	No
68	GOM_NL_2PRFIN20060228_053502_000000362045_00306_20901_7669.N1	28-FEB-2006 05:35:02	Dark	36.000	124	The Car	2.7640	30000.	72	20901	No
69	GOM_NL_2PRFIN20060228_053725_000000382045_00306_20901_7670.N1	28-FEB-2006 05:37:25	Straylight	38.000	71	lot Car	2.2460	7700.0	76	20901	No
70	GOM_NL_2PRFIN20060228_054150_000000452045_00306_20901_7671.N1	28-FEB-2006 05:41:50	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	20901	No
71	GOM_NL_2PRFIN20060228_055121_000000452045_00306_20901_7672.N1	28-FEB-2006 05:51:21	Twl_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	20901	No
72	GOM_NL_2PRFIN20060228_060230_000000382045_00306_20901_7673.N1	28-FEB-2006 06:02:30	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20901	No
73	GOM_NL_2PRFIN20060228_061922_000000362045_00306_20901_7674.N1	28-FEB-2006 06:19:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20901	No
74	GOM_NL_2PRFIN20060228_062650_000000352045_00306_20901_7675.N1	28-FEB-2006 06:26:50	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20901	No
75	GOM_NL_2PRFIN20060228_063156_000000342045_00306_20901_7676.N1	28-FEB-2006 06:31:56	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20901	No
76	GOM_NL_2PRFIN20060228_063330_000000342045_00306_20901_7677.N1	28-FEB-2006 06:33:30	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20901	No
77	GOM_NL_2PRFIN20060228_063502_000000342045_00306_20901_7678.N1	28-FEB-2006 06:35:02	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20901	No
78	GOM_NL_2PRFIN20060228_064216_000000372045_00306_20901_7679.N1	28-FEB-2006 06:42:16	Bright	37.000	118	50Gam Aql	2.7180	4600.0	74	20901	No
79	GOM_NL_2PRFIN20060228_065148_000000402045_00306_20901_7680.N1	28-FEB-2006 06:51:48	Dark	39.500	155	41Pi Sgr	2.9000	6600.0	79	20901	No
80	GOM_NL_2PRFIN20060228_065336_000000422045_00306_20901_7681.N1	28-FEB-2006 06:53:36	Dark	42.000	57	34Sig Sgr	2.0660	26000.	84	20901	No
81	GOM_NL_2PRFIN20060228_065641_000000432045_00306_20901_7682.N1	28-FEB-2006 06:56:41	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	20901	No
82	GOM_NL_2PRFIN20060228_070716_000000382045_00307_20902_7666.N1	28-FEB-2006 07:07:16	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20902	No
83	GOM_NL_2PRFIN20060228_070950_000000302045_00307_20902_7667.N1	28-FEB-2006 07:09:50	Dark	30.000	4	Alp1Cen	-0.010000	5800.0	60	20902	No
84	GOM_NL_2PRFIN20060228_071231_000000362045_00307_20902_7668.N1	28-FEB-2006 07:12:31	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20902	No
85	GOM_NL_2PRFIN20060228_071346_000000432045_00307_20902_7669.N1	28-FEB-2006 07:13:46	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20902	No
86	GOM_NL_2PRFIN20060228_071538_000000362045_00307_20902_7670.N1	28-FEB-2006 07:15:38	Dark	35.500	124	The Car	2.7640	30000.	71	20902	No
87	GOM_NL_2PRFIN20060228_071802_000000382045_00307_20902_7671.N1	28-FEB-2006 07:18:02	Straylight	37.500	71	lot Car	2.2460	7700.0	75	20902	No
88	GOM_NL_2PRFIN20060228_072226_000000412045_00307_20902_7672.N1	28-FEB-2006 07:22:26	Straylight	41.000	65	Lam Vel	2.2040	4400.0	82	20902	No
89	GOM_NL_2PRFIN20060228_073157_000000452045_00307_20902_7673.N1	28-FEB-2006 07:31:57	Twl_and_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	20902	No
90	GOM_NL_2PRFIN20060228_074306_000000362045_00307_20902_7674.N1	28-FEB-2006 07:43:06	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	20902	No
91	GOM_NL_2PRFIN20060228_075958_000000342045_00307_20902_7675.N1	28-FEB-2006 07:59:58	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	20902	No
92	GOM_NL_2PRFIN20060228_080726_000000362045_00307_20902_7676.N1	28-FEB-2006 08:07:26	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20902	No
93	GOM_NL_2PRFIN20060228_081232_000000352045_00307_20902_7677.N1	28-FEB-2006 08:12:32	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	20902	No
94	GOM_NL_2PRFIN20060228_081406_000000362045_00307_20902_7678.N1	28-FEB-2006 08:14:06	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	20902	No
95	GOM_NL_2PRFIN20060228_081538_000000342045_00307_20902_7679.N1	28-FEB-2006 08:15:38	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20902	No
96	GOM_NL_2PRFIN20060228_082252_000000362045_00307_20902_7680.N1	28-FEB-2006 08:22:52	Bright	36.000	118	50Gam Aql	2.7180	4600.0	72	20902	No
97	GOM_NL_2PRFIN20060228_083224_000000422045_00307_20902_7681.N1	28-FEB-2006 08:32:24	Dark	42.000	155	41Pi Sgr	2.9000	6600.0	84	20902	No
98	GOM_NL_2PRFIN20060228_083413_000000452045_00307_20902_7682.N1	28-FEB-2006 08:34:13	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	20902	No
99	GOM_NL_2PRFIN20060228_083718_000000452045_00307_20902_7683.N1	28-FEB-2006 08:37:18	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	20902	No
100	GOM_NL_2PRFIN20060228_084354_000000402045_00308_20903_7667.N1	28-FEB-2006 08:43:54	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	20903	No
101	GOM_NL_2PRFIN20060228_084752_000000392045_00308_20903_7668.N1	28-FEB-2006 08:47:52	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20903	No

102	GOM_NL__2PRFIN20060228_085026_000000302045_00308_20903_7669.N1	28-FEB-2006 08:50:26	Dark	30.000	4	Alp1Cen	-0.010000	5800.0	60	20903	No
103	GOM_NL__2PRFIN20060228_085307_000000372045_00308_20903_7670.N1	28-FEB-2006 08:53:07	Dark	37.000	112	Alp Mus	2.6880	26000.	74	20903	No
104	GOM_NL__2PRFIN20060228_085423_000000432045_00308_20903_7671.N1	28-FEB-2006 08:54:23	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	20903	No
105	GOM_NL__2PRFIN20060228_085614_000000362045_00308_20903_7672.N1	28-FEB-2006 08:56:14	Dark	35.500	124	The Car	2.7640	30000.	71	20903	No
106	GOM_NL__2PRFIN20060228_085838_000000372045_00308_20903_7673.N1	28-FEB-2006 08:58:38	Straylight	37.000	71	lot Car	2.2460	7700.0	74	20903	No
107	GOM_NL__2PRFIN20060228_090302_000000392045_00308_20903_7674.N1	28-FEB-2006 09:03:02	Straylight	39.000	65	Lam Vel	2.2040	4400.0	78	20903	No
108	GOM_NL__2PRFIN20060228_091233_000000462045_00308_20903_7675.N1	28-FEB-2006 09:12:33	TwI_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	20903	No
109	GOM_NL__2PRFIN20060228_092342_000000382045_00308_20903_7676.N1	28-FEB-2006 09:23:42	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	20903	No
110	GOM_NL__2PRFIN20060228_094034_000000352045_00308_20903_7677.N1	28-FEB-2006 09:40:34	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20903	No
111	GOM_NL__2PRFIN20060228_094802_000000352045_00308_20903_7678.N1	28-FEB-2006 09:48:02	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20903	No
112	GOM_NL__2PRFIN20060228_095308_000000372045_00308_20903_7679.N1	28-FEB-2006 09:53:08	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20903	No
113	GOM_NL__2PRFIN20060228_095442_000000372045_00308_20903_7680.N1	28-FEB-2006 09:54:42	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	20903	No
114	GOM_NL__2PRFIN20060228_095614_000000362045_00308_20903_7681.N1	28-FEB-2006 09:56:14	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	20903	No
115	GOM_NL__2PRFIN20060228_100328_000000372045_00308_20903_7682.N1	28-FEB-2006 10:03:28	Bright	37.000	118	50Gam Aql	2.7180	4600.0	74	20903	No
116	GOM_NL__2PRFIN20060228_101301_000000432045_00308_20903_7683.N1	28-FEB-2006 10:13:01	Dark	42.500	155	41Pi Sgr	2.9000	6600.0	85	20903	No
117	GOM_NL__2PRFIN20060228_101449_000000422045_00308_20903_7684.N1	28-FEB-2006 10:14:49	Dark	42.000	57	34Sig Sgr	2.0660	26000.	84	20903	No
118	GOM_NL__2PRFIN20060228_101754_000000412045_00308_20903_7685.N1	28-FEB-2006 10:17:54	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	20903	No
119	GOM_NL__2PRFIN20060228_102430_000000392045_00309_20904_7668.N1	28-FEB-2006 10:24:30	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20904	No
120	GOM_NL__2PRFIN20060228_102829_000000372045_00309_20904_7669.N1	28-FEB-2006 10:28:29	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	20904	No
121	GOM_NL__2PRFIN20060228_102947_000000372045_00309_20904_7670.N1	28-FEB-2006 10:29:47	Dark	37.000	145	Gam TrA	2.8720	10600.	74	20904	No
122	GOM_NL__2PRFIN20060228_103103_000000292045_00309_20904_7671.N1	28-FEB-2006 10:31:03	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	20904	No
123	GOM_NL__2PRFIN20060228_103343_000000372045_00309_20904_7672.N1	28-FEB-2006 10:33:43	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20904	No
124	GOM_NL__2PRFIN20060228_103459_000000472045_00309_20904_7673.N1	28-FEB-2006 10:34:59	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	20904	No
125	GOM_NL__2PRFIN20060228_103650_000000362045_00309_20904_7674.N1	28-FEB-2006 10:36:50	Dark	35.500	124	The Car	2.7640	30000.	71	20904	No
126	GOM_NL__2PRFIN20060228_103913_000000412045_00309_20904_7675.N1	28-FEB-2006 10:39:13	Straylight	40.500	71	lot Car	2.2460	7700.0	81	20904	No
127	GOM_NL__2PRFIN20060228_104032_000000402045_00309_20904_7676.N1	28-FEB-2006 10:40:32	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	20904	No
128	GOM_NL__2PRFIN20060228_104338_000000442045_00309_20904_7677.N1	28-FEB-2006 10:43:38	Straylight	44.000	65	Lam Vel	2.2040	4400.0	88	20904	No
129	GOM_NL__2PRFIN20060228_105309_000000462045_00309_20904_7678.N1	28-FEB-2006 10:53:09	TwI_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	20904	No
130	GOM_NL__2PRFIN20060228_110418_000000372045_00309_20904_7679.N1	28-FEB-2006 11:04:18	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	20904	No
131	GOM_NL__2PRFIN20060228_112110_000000332045_00309_20904_7680.N1	28-FEB-2006 11:21:10	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20904	No
132	GOM_NL__2PRFIN20060228_112838_000000332045_00309_20904_7681.N1	28-FEB-2006 11:28:38	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	20904	No
133	GOM_NL__2PRFIN20060228_113344_000000342045_00309_20904_7682.N1	28-FEB-2006 11:33:44	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20904	No
134	GOM_NL__2PRFIN20060228_113518_000000352045_00309_20904_7683.N1	28-FEB-2006 11:35:18	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20904	No
135	GOM_NL__2PRFIN20060228_113650_000000352045_00309_20904_7684.N1	28-FEB-2006 11:36:50	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	20904	No
136	GOM_NL__2PRFIN20060228_114404_000000382045_00309_20904_7685.N1	28-FEB-2006 11:44:04	Bright	37.500	118	50Gam Aql	2.7180	4600.0	75	20904	No
137	GOM_NL__2PRFIN20060228_115337_000000412045_00309_20904_7686.N1	28-FEB-2006 11:53:37	Dark	40.500	155	41Pi Sgr	2.9000	6600.0	81	20904	No
138	GOM_NL__2PRFIN20060228_115526_000000392045_00309_20904_7687.N1	28-FEB-2006 11:55:26	Dark	39.000	57	34Sig Sgr	2.0660	26000.	78	20904	No
139	GOM_NL__2PRFIN20060228_115831_000000422045_00309_20904_7688.N1	28-FEB-2006 11:58:31	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20904	No
140	GOM_NL__2PRFIN20060228_120506_000000432045_00310_20905_7668.N1	28-FEB-2006 12:05:06	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	20905	No
141	GOM_NL__2PRFIN20060228_120905_000000392045_00310_20905_7669.N1	28-FEB-2006 12:09:05	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20905	No
142	GOM_NL__2PRFIN20060228_121024_000000372045_00310_20905_7670.N1	28-FEB-2006 12:10:24	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20905	No
143	GOM_NL__2PRFIN20060228_121139_000000292045_00310_20905_7671.N1	28-FEB-2006 12:11:39	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	20905	No
144	GOM_NL__2PRFIN20060228_121419_000000372045_00310_20905_7672.N1	28-FEB-2006 12:14:19	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20905	No
145	GOM_NL__2PRFIN20060228_121535_000000462045_00310_20905_7673.N1	28-FEB-2006 12:15:35	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	20905	No
146	GOM_NL__2PRFIN20060228_121726_000000372045_00310_20905_7674.N1	28-FEB-2006 12:17:26	Dark	37.000	124	The Car	2.7640	30000.	74	20905	No
147	GOM_NL__2PRFIN20060228_121950_000000382045_00310_20905_7675.N1	28-FEB-2006 12:19:50	Straylight	37.500	71	lot Car	2.2460	7700.0	75	20905	No
148	GOM_NL__2PRFIN20060228_122108_000000382045_00310_20905_7676.N1	28-FEB-2006 12:21:08	Straylight	38.000	113	Mu Vel	2.6920	5000.0	76	20905	No
149	GOM_NL__2PRFIN20060228_122414_000000462045_00310_20905_7677.N1	28-FEB-2006 12:24:14	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	20905	No
150	GOM_NL__2PRFIN20060228_123345_000000442045_00310_20905_7678.N1	28-FEB-2006 12:33:45	TwI_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	20905	No
151	GOM_NL__2PRFIN20060228_124454_000000382045_00310_20905_7679.N1	28-FEB-2006 12:44:54	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20905	No
152	GOM_NL__2PRFIN20060228_130146_000000332045_00310_20905_7680.N1	28-FEB-2006 13:01:46	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	20905	No
153	GOM_NL__2PRFIN20060228_130914_000000362045_00310_20905_7681.N1	28-FEB-2006 13:09:14	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20905	No
154	GOM_NL__2PRFIN20060228_131420_000000372045_00310_20905_7682.N1	28-FEB-2006 13:14:20	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20905	No
155	GOM_NL__2PRFIN20060228_131554_000000372045_00310_20905_7683.N1	28-FEB-2006 13:15:54	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	20905	No
156	GOM_NL__2PRFIN20060228_131726_000000352045_00310_20905_7684.N1	28-FEB-2006 13:17:26	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	20905	No
157	GOM_NL__2PRFIN20060228_132440_000000382045_00310_20905_7685.N1	28-FEB-2006 13:24:40	Bright	37.500	118	50Gam Aql	2.7180	4600.0	75	20905	No
158	GOM_NL__2PRFIN20060228_133413_000000432045_00310_20905_7686.N1	28-FEB-2006 13:34:13	Dark	42.500	155	41Pi Sgr	2.9000	6600.0	85	20905	No
159	GOM_NL__2PRFIN20060228_133602_000000412045_00310_20905_7687.N1	28-FEB-2006 13:36:02	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	20905	No
160	GOM_NL__2PRFIN20060228_133907_000000402045_00310_20905_7688.N1	28-FEB-2006 13:39:07	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	20905	No

161	GOM_NL__2PRFIN20060228_134543_000000402045_00311_20906_7668.N1	28-FEB-2006 13:45:43	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	20906	No
162	GOM_NL__2PRFIN20060228_134942_000000372045_00311_20906_7669.N1	28-FEB-2006 13:49:42	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	20906	No
163	GOM_NL__2PRFIN20060228_135100_000000362045_00311_20906_7670.N1	28-FEB-2006 13:51:00	Dark	35.500	145	Gam TrA	2.8720	10600.	71	20906	No
164	GOM_NL__2PRFIN20060228_135216_000000292045_00311_20906_7671.N1	28-FEB-2006 13:52:16	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	20906	No
165	GOM_NL__2PRFIN20060228_135456_000000362045_00311_20906_7672.N1	28-FEB-2006 13:54:56	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20906	No
166	GOM_NL__2PRFIN20060228_135612_000000482045_00311_20906_7673.N1	28-FEB-2006 13:56:12	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	20906	No
167	GOM_NL__2PRFIN20060228_135802_000000362045_00311_20906_7674.N1	28-FEB-2006 13:58:02	Dark	36.000	124	The Car	2.7640	30000.	72	20906	No
168	GOM_NL__2PRFIN20060228_140026_000000362045_00311_20906_7675.N1	28-FEB-2006 14:00:26	Straylight	36.000	71	lot Car	2.2460	7700.0	72	20906	No
169	GOM_NL__2PRFIN20060228_140144_000000432045_00311_20906_7676.N1	28-FEB-2006 14:01:44	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	20906	No
170	GOM_NL__2PRFIN20060228_140450_000000422045_00311_20906_7677.N1	28-FEB-2006 14:04:50	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20906	No
171	GOM_NL__2PRFIN20060228_141421_000000462045_00311_20906_7678.N1	28-FEB-2006 14:14:21	TwI_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	20906	No
172	GOM_NL__2PRFIN20060228_142531_000000372045_00311_20906_7679.N1	28-FEB-2006 14:25:31	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	20906	No
173	GOM_NL__2PRFIN20060228_144222_000000362045_00311_20906_7680.N1	28-FEB-2006 14:42:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20906	No
174	GOM_NL__2PRFIN20060228_144950_000000362045_00311_20906_7681.N1	28-FEB-2006 14:49:50	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20906	No
175	GOM_NL__2PRFIN20060228_145456_000000362045_00311_20906_7682.N1	28-FEB-2006 14:54:56	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	20906	No
176	GOM_NL__2PRFIN20060228_145630_000000342045_00311_20906_7683.N1	28-FEB-2006 14:56:30	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	20906	No
177	GOM_NL__2PRFIN20060228_145802_000000342045_00311_20906_7684.N1	28-FEB-2006 14:58:02	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20906	No
178	GOM_NL__2PRFIN20060228_150517_000000382045_00311_20906_7685.N1	28-FEB-2006 15:05:17	Bright	38.000	118	50Gam Aql	2.7180	4600.0	76	20906	No
179	GOM_NL__2PRFIN20060228_151450_000000402045_00311_20906_7686.N1	28-FEB-2006 15:14:50	Dark	40.000	155	41Pi Sgr	2.9000	6600.0	80	20906	No
180	GOM_NL__2PRFIN20060228_151638_000000402045_00311_20906_7687.N1	28-FEB-2006 15:16:38	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	20906	No
181	GOM_NL__2PRFIN20060228_151944_000000442045_00311_20906_7688.N1	28-FEB-2006 15:19:44	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	20906	No
182	GOM_NL__2PRFIN20060228_152619_000000392045_00312_20907_7688.N1	28-FEB-2006 15:26:19	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20907	No
183	GOM_NL__2PRFIN20060228_153018_000000392045_00312_20907_7689.N1	28-FEB-2006 15:30:18	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20907	No
184	GOM_NL__2PRFIN20060228_153136_000000372045_00312_20907_7690.N1	28-FEB-2006 15:31:36	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20907	No
185	GOM_NL__2PRFIN20060228_153252_000000292045_00312_20907_7691.N1	28-FEB-2006 15:32:52	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	20907	No
186	GOM_NL__2PRFIN20060228_153532_000000362045_00312_20907_7692.N1	28-FEB-2006 15:35:32	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20907	No
187	GOM_NL__2PRFIN20060228_153648_000000422045_00312_20907_7693.N1	28-FEB-2006 15:36:48	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	20907	No
188	GOM_NL__2PRFIN20060228_153839_000000362045_00312_20907_7694.N1	28-FEB-2006 15:38:39	Dark	36.000	124	The Car	2.7640	30000.	72	20907	No
189	GOM_NL__2PRFIN20060228_154102_000000372045_00312_20907_7695.N1	28-FEB-2006 15:41:02	Straylight	37.000	71	lot Car	2.2460	7700.0	74	20907	No
190	GOM_NL__2PRFIN20060228_154221_000000442045_00312_20907_7696.N1	28-FEB-2006 15:42:21	Straylight	44.000	113	Mu Vel	2.6920	5000.0	88	20907	No
191	GOM_NL__2PRFIN20060228_154526_000000472045_00312_20907_7697.N1	28-FEB-2006 15:45:26	Straylight	46.500	65	Lam Vel	2.2040	4400.0	93	20907	No
192	GOM_NL__2PRFIN20060228_155457_000000442045_00312_20907_7698.N1	28-FEB-2006 15:54:57	TwI_and_stray	43.500	48	30Alp Hya	1.9770	4100.0	87	20907	No
193	GOM_NL__2PRFIN20060228_160607_000000362045_00312_20907_7699.N1	28-FEB-2006 16:06:07	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	20907	No
194	GOM_NL__2PRFIN20060228_162258_000000362045_00312_20907_7700.N1	28-FEB-2006 16:22:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20907	No
195	GOM_NL__2PRFIN20060228_163026_000000352045_00312_20907_7701.N1	28-FEB-2006 16:30:26	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20907	No
196	GOM_NL__2PRFIN20060228_163532_000000332045_00312_20907_7702.N1	28-FEB-2006 16:35:32	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	20907	No
197	GOM_NL__2PRFIN20060228_163706_000000362045_00312_20907_7703.N1	28-FEB-2006 16:37:06	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	20907	No
198	GOM_NL__2PRFIN20060228_163838_000000332045_00312_20907_7704.N1	28-FEB-2006 16:38:38	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	20907	No
199	GOM_NL__2PRFIN20060228_164553_000000382045_00312_20907_7705.N1	28-FEB-2006 16:45:53	Bright	38.000	118	50Gam Aql	2.7180	4600.0	76	20907	No
200	GOM_NL__2PRFIN20060228_165526_000000402045_00312_20907_7706.N1	28-FEB-2006 16:55:26	Dark	39.500	155	41Pi Sgr	2.9000	6600.0	79	20907	No
201	GOM_NL__2PRFIN20060228_165715_000000442045_00312_20907_7707.N1	28-FEB-2006 16:57:15	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	20907	No
202	GOM_NL__2PRFIN20060228_170020_000000422045_00312_20907_7708.N1	28-FEB-2006 17:00:20	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20907	No
203	GOM_NL__2PRFIN20060228_170656_000000412045_00313_20908_7688.N1	28-FEB-2006 17:06:56	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20908	No
204	GOM_NL__2PRFIN20060228_171055_000000392045_00313_20908_7689.N1	28-FEB-2006 17:10:55	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20908	No
205	GOM_NL__2PRFIN20060228_171213_000000372045_00313_20908_7690.N1	28-FEB-2006 17:12:13	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20908	No
206	GOM_NL__2PRFIN20060228_171329_000000292045_00313_20908_7691.N1	28-FEB-2006 17:13:29	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	20908	No
207	GOM_NL__2PRFIN20060228_171608_000000362045_00313_20908_7692.N1	28-FEB-2006 17:16:08	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20908	No
208	GOM_NL__2PRFIN20060228_171724_000000392045_00313_20908_7693.N1	28-FEB-2006 17:17:24	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	20908	No
209	GOM_NL__2PRFIN20060228_171915_000000362045_00313_20908_7694.N1	28-FEB-2006 17:19:15	Dark	36.000	124	The Car	2.7640	30000.	72	20908	No
210	GOM_NL__2PRFIN20060228_172138_000000412045_00313_20908_7695.N1	28-FEB-2006 17:21:38	Straylight	40.500	71	lot Car	2.2460	7700.0	81	20908	No
211	GOM_NL__2PRFIN20060228_172257_000000442045_00313_20908_7696.N1	28-FEB-2006 17:22:57	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	20908	No
212	GOM_NL__2PRFIN20060228_172603_000000422045_00313_20908_7697.N1	28-FEB-2006 17:26:03	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	20908	No
213	GOM_NL__2PRFIN20060228_173533_000000452045_00313_20908_7698.N1	28-FEB-2006 17:35:33	TwI_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	20908	No
214	GOM_NL__2PRFIN20060228_174643_000000382045_00313_20908_7699.N1	28-FEB-2006 17:46:43	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	20908	No
215	GOM_NL__2PRFIN20060228_180334_000000352045_00313_20908_7700.N1	28-FEB-2006 18:03:34	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20908	No
216	GOM_NL__2PRFIN20060228_181103_000000352045_00313_20908_7701.N1	28-FEB-2006 18:11:03	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20908	No
217	GOM_NL__2PRFIN20060228_181608_000000372045_00313_20908_7702.N1	28-FEB-2006 18:16:08	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	20908	No
218	GOM_NL__2PRFIN20060228_181742_000000352045_00313_20908_7703.N1	28-FEB-2006 18:17:42	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20908	No
219	GOM_NL__2PRFIN20060228_181915_000000342045_00313_20908_7704.N1	28-FEB-2006 18:19:15	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20908	No

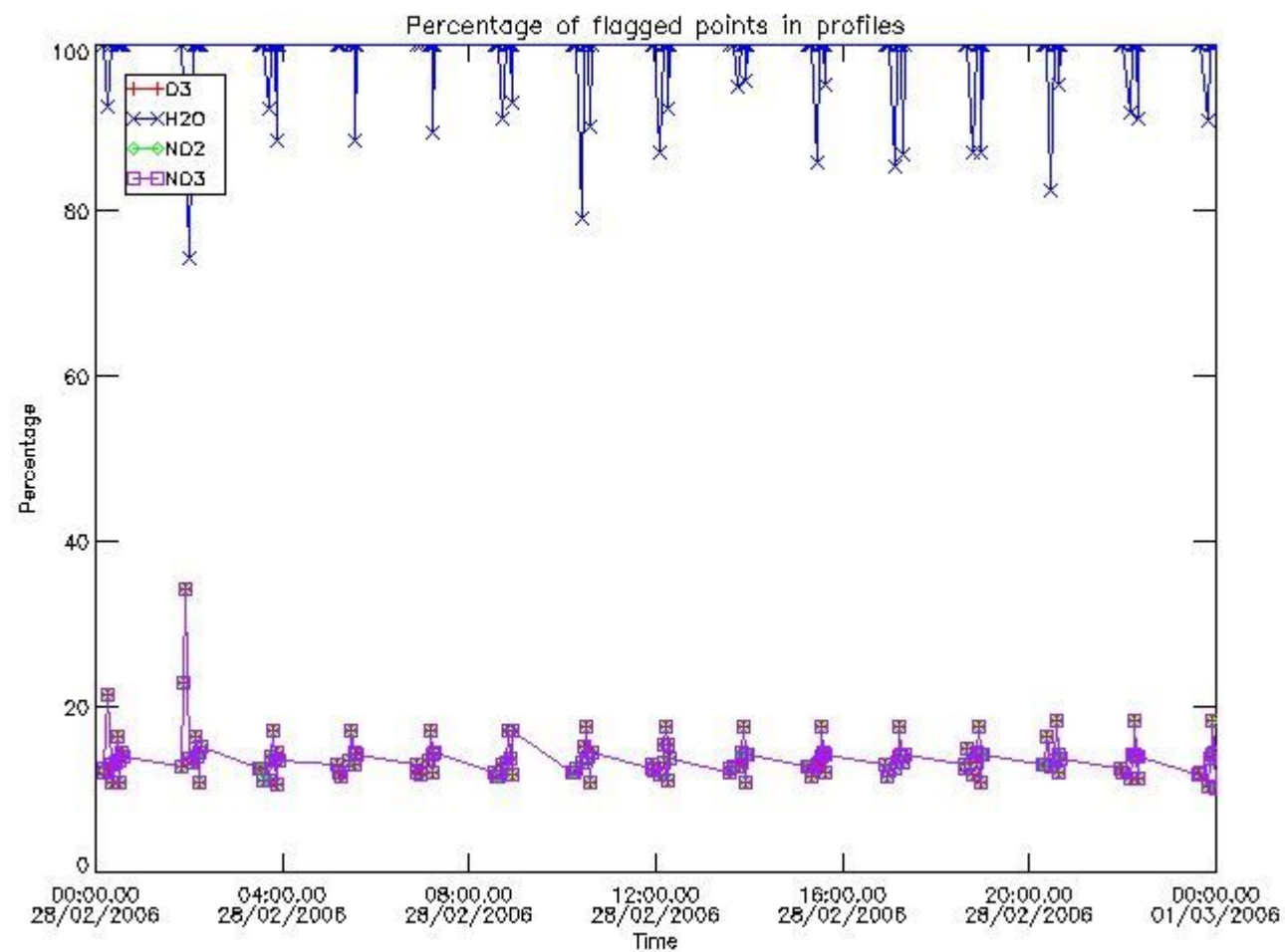
220	GOM_NL__2PRFIN20060228_182629_000000372045_00313_20908_7705.N1	28-FEB-2006 18:26:29	Bright	36.500	118	50Gam Aql	2.7180	4600.0	73	20908	No
221	GOM_NL__2PRFIN20060228_183603_000000432045_00313_20908_7706.N1	28-FEB-2006 18:36:03	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	20908	No
222	GOM_NL__2PRFIN20060228_183751_000000412045_00313_20908_7707.N1	28-FEB-2006 18:37:51	Dark	41.000	57	34Sig Sgr	2.0660	26000.	82	20908	No
223	GOM_NL__2PRFIN20060228_184057_000000342045_00313_20908_7708.N1	28-FEB-2006 18:40:57	Dark	34.000	38	20Eps Sgr	1.8360	11000.	68	20908	No
224	GOM_NL__2PRFIN20060228_184732_000000432045_00314_20909_7688.N1	28-FEB-2006 18:47:32	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	20909	No
225	GOM_NL__2PRFIN20060228_185131_000000392045_00314_20909_7689.N1	28-FEB-2006 18:51:31	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20909	No
226	GOM_NL__2PRFIN20060228_185249_000000362045_00314_20909_7690.N1	28-FEB-2006 18:52:49	Dark	35.500	145	Gam TrA	2.8720	10600.	71	20909	No
227	GOM_NL__2PRFIN20060228_185406_000000292045_00314_20909_7691.N1	28-FEB-2006 18:54:06	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	20909	No
228	GOM_NL__2PRFIN20060228_185644_000000362045_00314_20909_7692.N1	28-FEB-2006 18:56:44	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20909	No
229	GOM_NL__2PRFIN20060228_185801_000000472045_00314_20909_7693.N1	28-FEB-2006 18:58:01	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	20909	No
230	GOM_NL__2PRFIN20060228_185951_000000362045_00314_20909_7694.N1	28-FEB-2006 18:59:51	Dark	36.000	124	The Car	2.7640	30000.	72	20909	No
231	GOM_NL__2PRFIN20060228_190214_000000382045_00314_20909_7695.N1	28-FEB-2006 19:02:14	Straylight	37.500	71	lot Car	2.2460	7700.0	75	20909	No
232	GOM_NL__2PRFIN20060228_190333_000000412045_00314_20909_7696.N1	28-FEB-2006 19:03:33	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	20909	No
233	GOM_NL__2PRFIN20060228_190639_000000422045_00314_20909_7697.N1	28-FEB-2006 19:06:39	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20909	No
234	GOM_NL__2PRFIN20060228_191609_000000492045_00314_20909_7698.N1	28-FEB-2006 19:16:09	Tw_i_and_stray	49.000	48	30Alp Hya	1.9770	4100.0	98	20909	No
235	GOM_NL__2PRFIN20060228_192719_000000402045_00314_20909_7699.N1	28-FEB-2006 19:27:19	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	20909	No
236	GOM_NL__2PRFIN20060228_194410_000000352045_00314_20909_7700.N1	28-FEB-2006 19:44:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20909	No
237	GOM_NL__2PRFIN20060228_195139_000000322045_00314_20909_7701.N1	28-FEB-2006 19:51:39	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	20909	No
238	GOM_NL__2PRFIN20060228_195644_000000332045_00314_20909_7702.N1	28-FEB-2006 19:56:44	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20909	No
239	GOM_NL__2PRFIN20060228_195818_000000342045_00314_20909_7703.N1	28-FEB-2006 19:58:18	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20909	No
240	GOM_NL__2PRFIN20060228_195951_000000352045_00314_20909_7704.N1	28-FEB-2006 19:59:51	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	20909	No
241	GOM_NL__2PRFIN20060228_200705_000000382045_00314_20909_7705.N1	28-FEB-2006 20:07:05	Bright	38.000	118	50Gam Aql	2.7180	4600.0	76	20909	No
242	GOM_NL__2PRFIN20060228_201639_000000392045_00314_20909_7706.N1	28-FEB-2006 20:16:39	Dark	39.000	155	41Pi Sgr	2.9000	6600.0	78	20909	No
243	GOM_NL__2PRFIN20060228_201828_000000402045_00314_20909_7707.N1	28-FEB-2006 20:18:28	Dark	39.500	57	34Sig Sgr	2.0660	26000.	79	20909	No
244	GOM_NL__2PRFIN20060228_202134_000000342045_00314_20909_7708.N1	28-FEB-2006 20:21:34	Dark	34.000	38	20Eps Sgr	1.8360	11000.	68	20909	No
245	GOM_NL__2PRFIN20060228_202809_000000402045_00315_20910_7688.N1	28-FEB-2006 20:28:09	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	20910	No
246	GOM_NL__2PRFIN20060228_203208_000000382045_00315_20910_7689.N1	28-FEB-2006 20:32:08	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20910	No
247	GOM_NL__2PRFIN20060228_203325_000000382045_00315_20910_7690.N1	28-FEB-2006 20:33:25	Dark	38.000	145	Gam TrA	2.8720	10600.	76	20910	No
248	GOM_NL__2PRFIN20060228_203442_000000282045_00315_20910_7691.N1	28-FEB-2006 20:34:42	Dark	28.000	4	Alp1Cen	-0.010000	5800.0	56	20910	No
249	GOM_NL__2PRFIN20060228_203721_000000362045_00315_20910_7692.N1	28-FEB-2006 20:37:21	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20910	No
250	GOM_NL__2PRFIN20060228_203837_000000432045_00315_20910_7693.N1	28-FEB-2006 20:38:37	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20910	No
251	GOM_NL__2PRFIN20060228_204027_000000372045_00315_20910_7694.N1	28-FEB-2006 20:40:27	Dark	37.000	124	The Car	2.7640	30000.	74	20910	No
252	GOM_NL__2PRFIN20060228_204250_000000412045_00315_20910_7695.N1	28-FEB-2006 20:42:50	Straylight	41.000	71	lot Car	2.2460	7700.0	82	20910	No
253	GOM_NL__2PRFIN20060228_204409_000000422045_00315_20910_7696.N1	28-FEB-2006 20:44:09	Straylight	41.500	113	Mu Vel	2.6920	5000.0	83	20910	No
254	GOM_NL__2PRFIN20060228_204715_000000432045_00315_20910_7697.N1	28-FEB-2006 20:47:15	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	20910	No
255	GOM_NL__2PRFIN20060228_205645_000000452045_00315_20910_7698.N1	28-FEB-2006 20:56:45	Tw_i_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	20910	No
256	GOM_NL__2PRFIN20060228_210755_000000382045_00315_20910_7699.N1	28-FEB-2006 21:07:55	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20910	No
257	GOM_NL__2PRFIN20060228_212446_000000362045_00315_20910_7700.N1	28-FEB-2006 21:24:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20910	No
258	GOM_NL__2PRFIN20060228_213215_000000342045_00315_20910_7701.N1	28-FEB-2006 21:32:15	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	20910	No
259	GOM_NL__2PRFIN20060228_213720_000000342045_00315_20910_7702.N1	28-FEB-2006 21:37:20	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20910	No
260	GOM_NL__2PRFIN20060228_213854_000000342045_00315_20910_7703.N1	28-FEB-2006 21:38:54	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20910	No
261	GOM_NL__2PRFIN20060228_214027_000000352045_00315_20910_7704.N1	28-FEB-2006 21:40:27	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	20910	No
262	GOM_NL__2PRFIN20060228_214742_000000382045_00315_20910_7705.N1	28-FEB-2006 21:47:42	Bright	37.500	118	50Gam Aql	2.7180	4600.0	75	20910	No
263	GOM_NL__2PRFIN20060228_215715_000000412045_00315_20910_7706.N1	28-FEB-2006 21:57:15	Dark	40.500	155	41Pi Sgr	2.9000	6600.0	81	20910	No
264	GOM_NL__2PRFIN20060228_215904_000000422045_00315_20910_7707.N1	28-FEB-2006 21:59:04	Dark	42.000	57	34Sig Sgr	2.0660	26000.	84	20910	No
265	GOM_NL__2PRFIN20060228_220845_000000502045_00316_20911_7688.N1	28-FEB-2006 22:08:45	Dark	49.500	141	Bet Ara	2.8400	4600.0	99	20911	No
266	GOM_NL__2PRFIN20060228_221244_000000402045_00316_20911_7689.N1	28-FEB-2006 22:12:44	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	20911	No
267	GOM_NL__2PRFIN20060228_221402_000000362045_00316_20911_7690.N1	28-FEB-2006 22:14:02	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20911	No
268	GOM_NL__2PRFIN20060228_221519_000000282045_00316_20911_7691.N1	28-FEB-2006 22:15:19	Dark	28.000	4	Alp1Cen	-0.010000	5800.0	56	20911	No
269	GOM_NL__2PRFIN20060228_221757_000000372045_00316_20911_7692.N1	28-FEB-2006 22:17:57	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20911	No
270	GOM_NL__2PRFIN20060228_221913_000000452045_00316_20911_7693.N1	28-FEB-2006 22:19:13	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	20911	No
271	GOM_NL__2PRFIN20060228_222103_000000372045_00316_20911_7694.N1	28-FEB-2006 22:21:03	Dark	36.500	124	The Car	2.7640	30000.	73	20911	No
272	GOM_NL__2PRFIN20060228_222326_000000422045_00316_20911_7695.N1	28-FEB-2006 22:23:26	Straylight	41.500	71	lot Car	2.2460	7700.0	83	20911	No
273	GOM_NL__2PRFIN20060228_222446_000000402045_00316_20911_7696.N1	28-FEB-2006 22:24:46	Straylight	39.500	113	Mu Vel	2.6920	5000.0	79	20911	No
274	GOM_NL__2PRFIN20060228_222751_000000482045_00316_20911_7697.N1	28-FEB-2006 22:27:51	Straylight	47.500	65	Lam Vel	2.2040	4400.0	95	20911	No
275	GOM_NL__2PRFIN20060228_223721_000000452045_00316_20911_7698.N1	28-FEB-2006 22:37:21	Tw_i_and_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	20911	No
276	GOM_NL__2PRFIN20060228_224831_000000362045_00316_20911_7699.N1	28-FEB-2006 22:48:31	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	20911	No
277	GOM_NL__2PRFIN20060228_230521_000000352045_00316_20911_7700.N1	28-FEB-2006 23:05:21	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20911	No
278	GOM_NL__2PRFIN20060228_231251_000000342045_00316_20911_7701.N1	28-FEB-2006 23:12:51	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	20911	No

279	GOM_NL__2PRFIN20060228_231756_000000342045_00316_20911_7702.N1	28-FEB-2006 23:17:56	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20911	No
280	GOM_NL__2PRFIN20060228_231930_000000332045_00316_20911_7703.N1	28-FEB-2006 23:19:30	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20911	No
281	GOM_NL__2PRFIN20060228_232103_000000332045_00316_20911_7704.N1	28-FEB-2006 23:21:03	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	20911	No
282	GOM_NL__2PRFIN20060228_232818_000000382045_00316_20911_7705.N1	28-FEB-2006 23:28:18	Bright	37.500	118	50Gam Aql	2.7180	4600.0	75	20911	No
283	GOM_NL__2PRFIN20060228_233752_000000432045_00316_20911_7706.N1	28-FEB-2006 23:37:52	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	20911	No
284	GOM_NL__2PRFIN20060228_233941_000000432045_00316_20911_7707.N1	28-FEB-2006 23:39:41	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	20911	No
285	GOM_NL__2PRFIN20060228_234922_000000492045_00317_20912_7688.N1	28-FEB-2006 23:49:22	Dark	49.000	141	Bet Ara	2.8400	4600.0	98	20912	No
286	GOM_NL__2PRFIN20060228_235320_000000372045_00317_20912_7689.N1	28-FEB-2006 23:53:20	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	20912	No
287	GOM_NL__2PRFIN20060228_235438_000000362045_00317_20912_7690.N1	28-FEB-2006 23:54:38	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20912	No
288	GOM_NL__2PRFIN20060228_235555_000000282045_00317_20912_7691.N1	28-FEB-2006 23:55:55	Dark	28.000	4	Alp1Cen	-0.010000	5800.0	56	20912	No
289	GOM_NL__2PRFIN20060228_235833_000000362045_00317_20912_7692.N1	28-FEB-2006 23:58:33	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20912	No
290	GOM_NL__2PRFIN20060228_235950_000000512045_00317_20912_7693.N1	28-FEB-2006 23:59:50	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	20912	No

3. Quality information per product

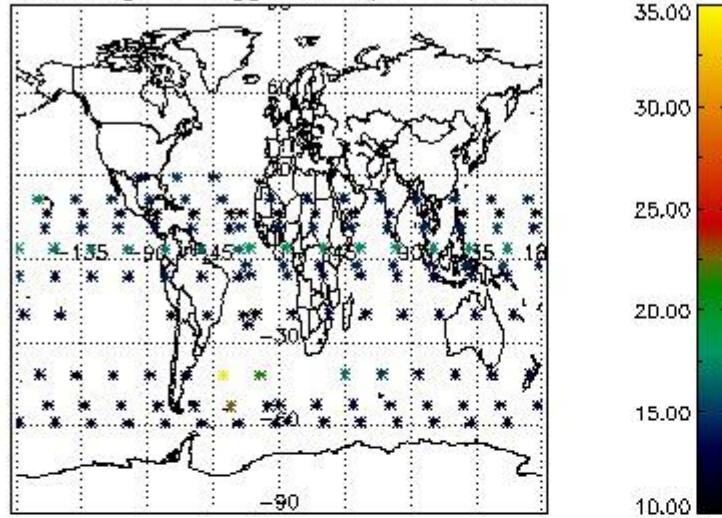
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

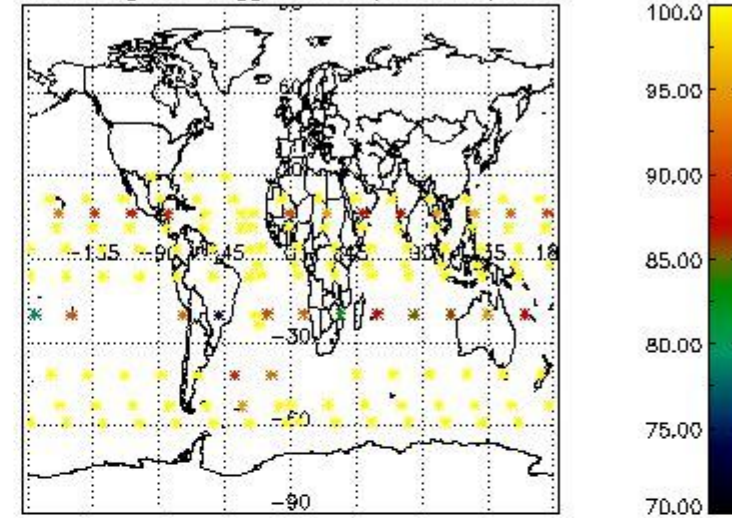


3.2 Plot quality information per product (world map)

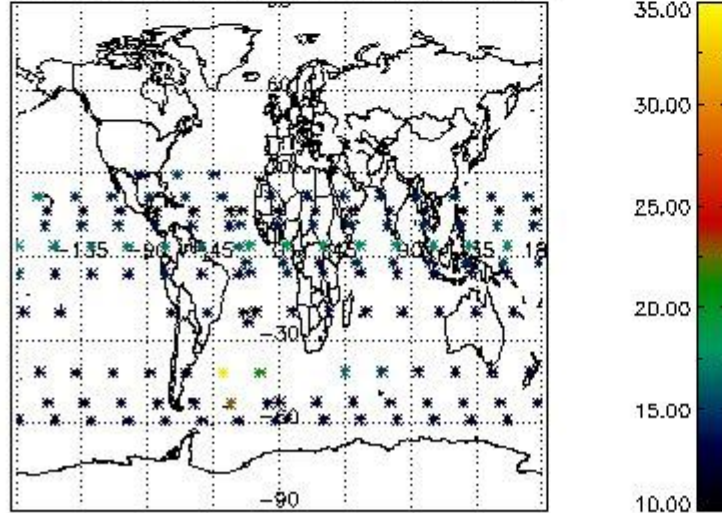
Percentage of flagged data per O3 profile



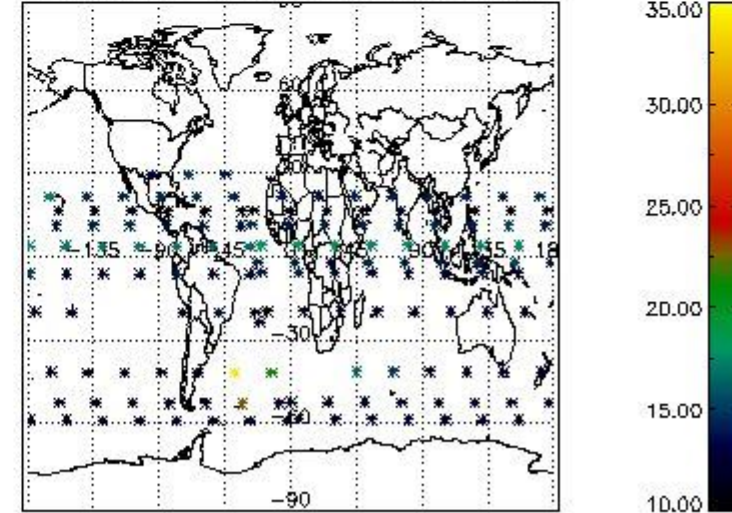
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

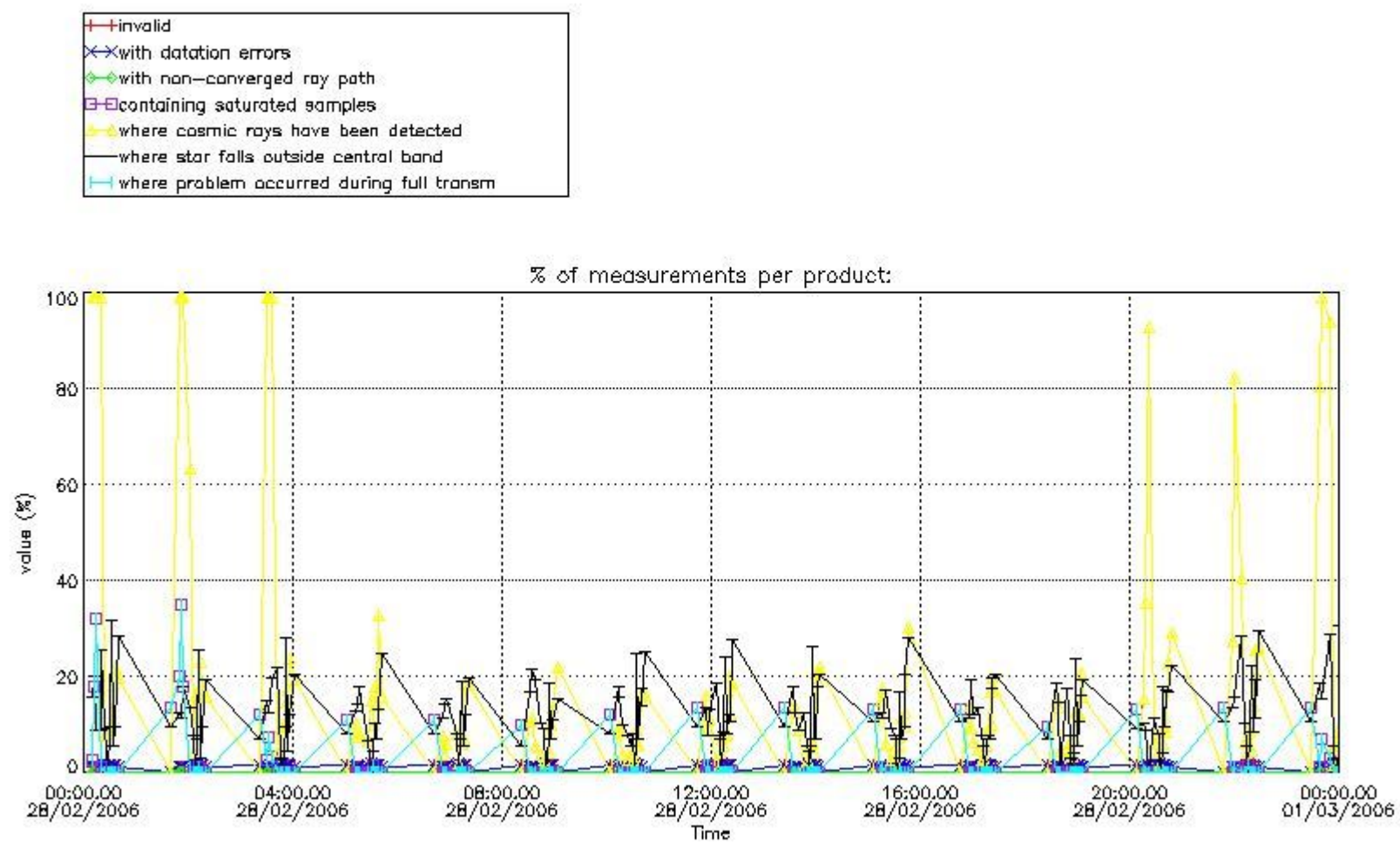


4. Level 1 quality information per product

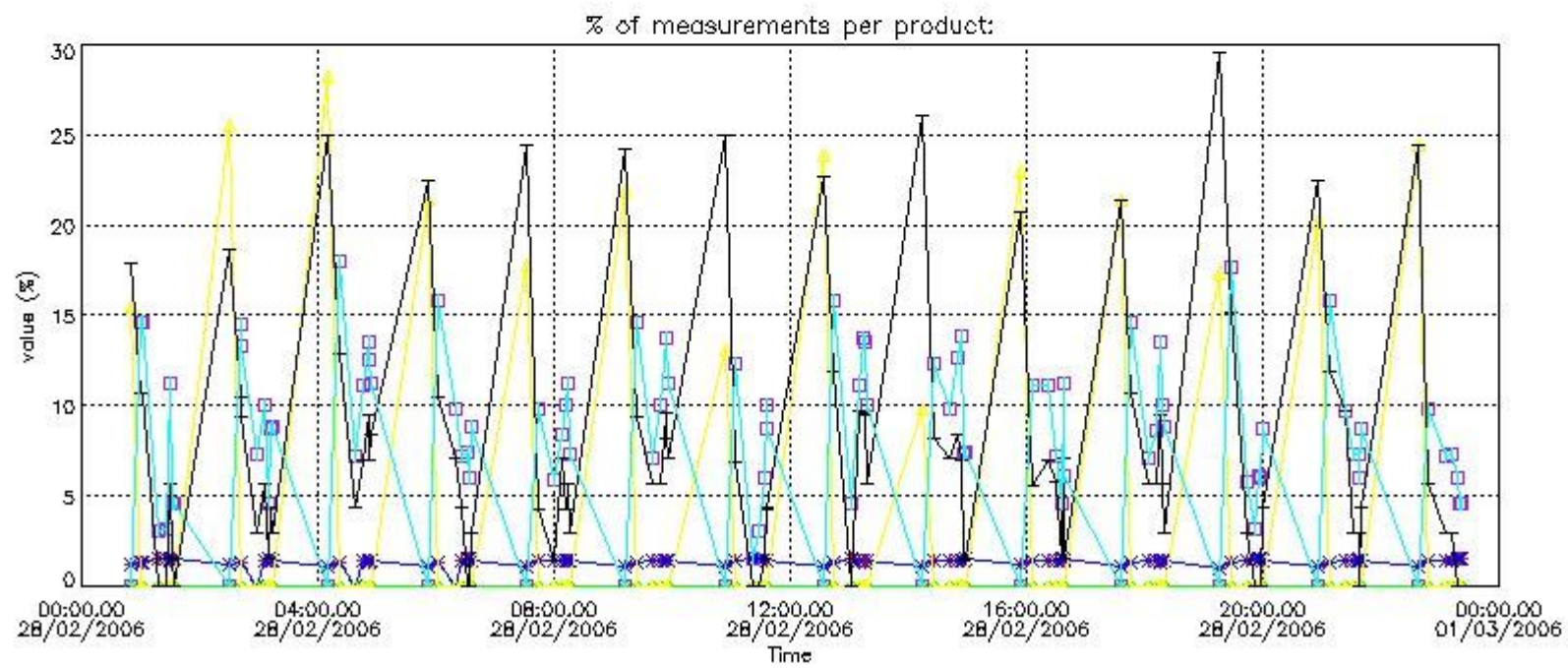
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

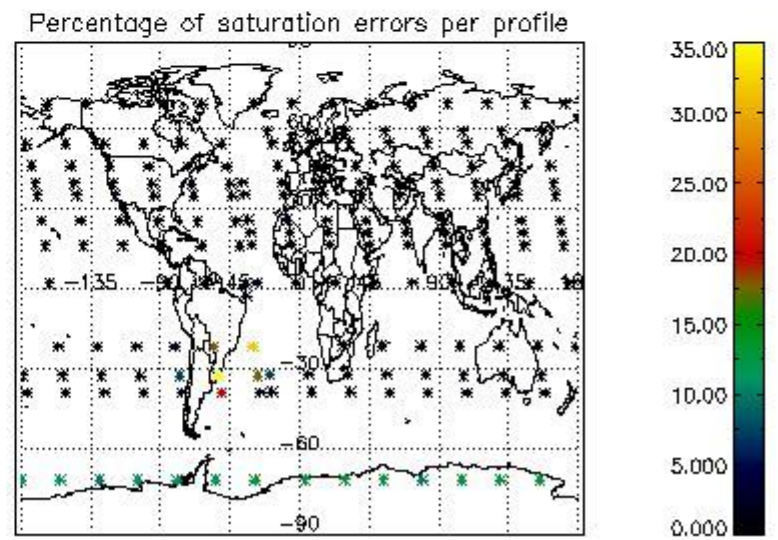
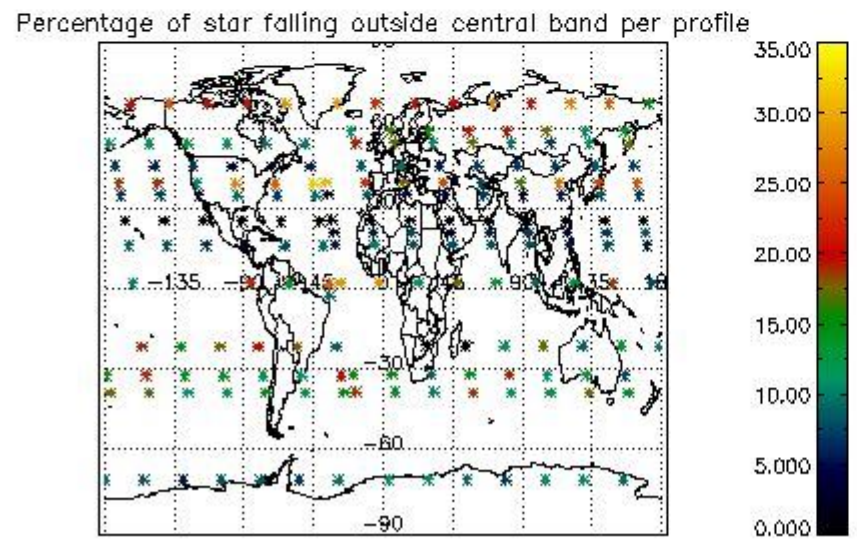
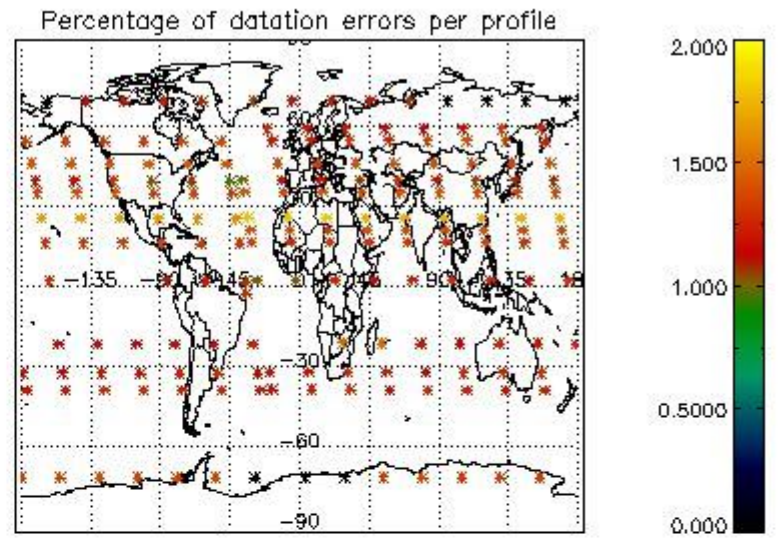
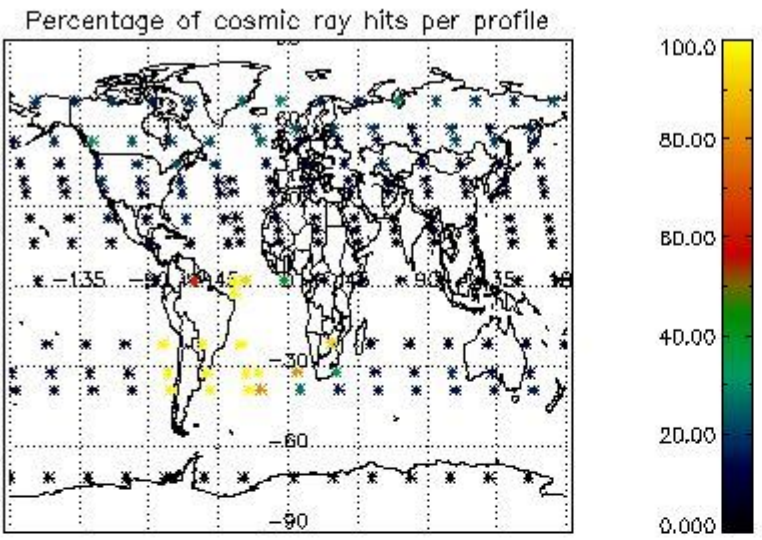


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

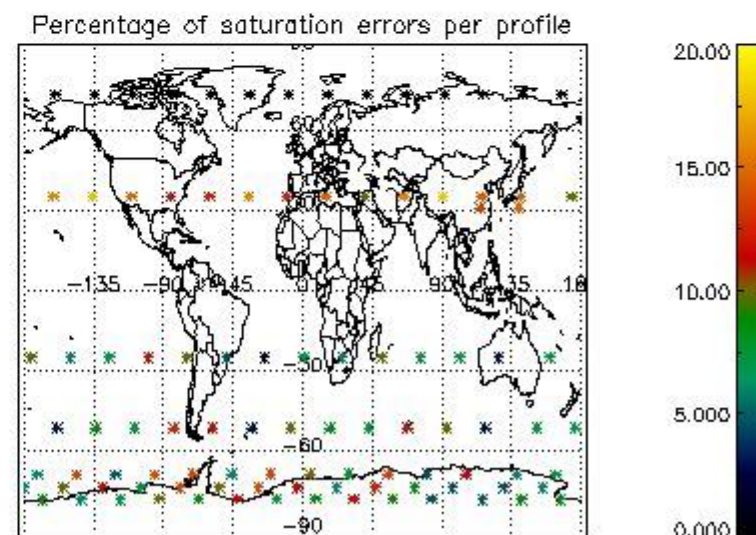
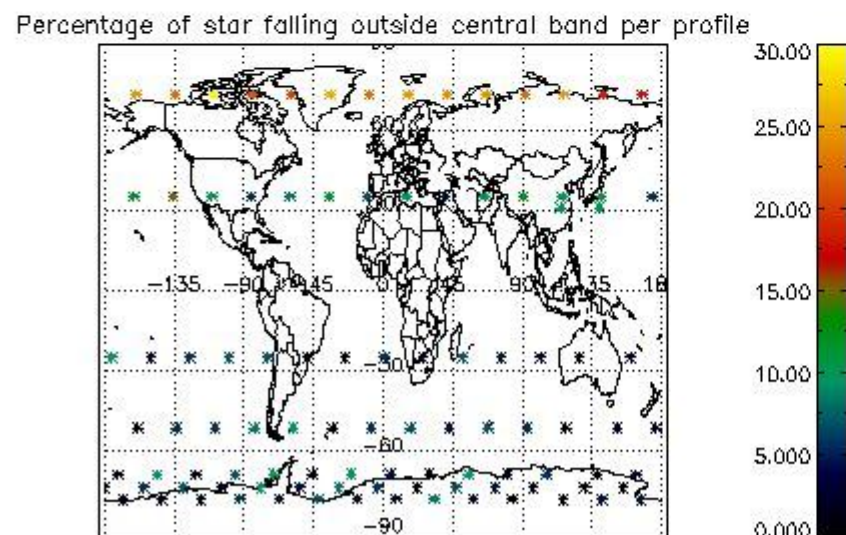
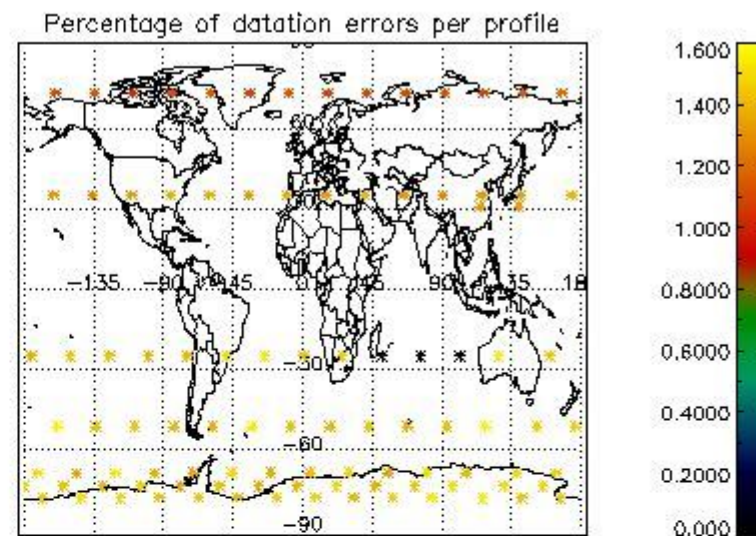
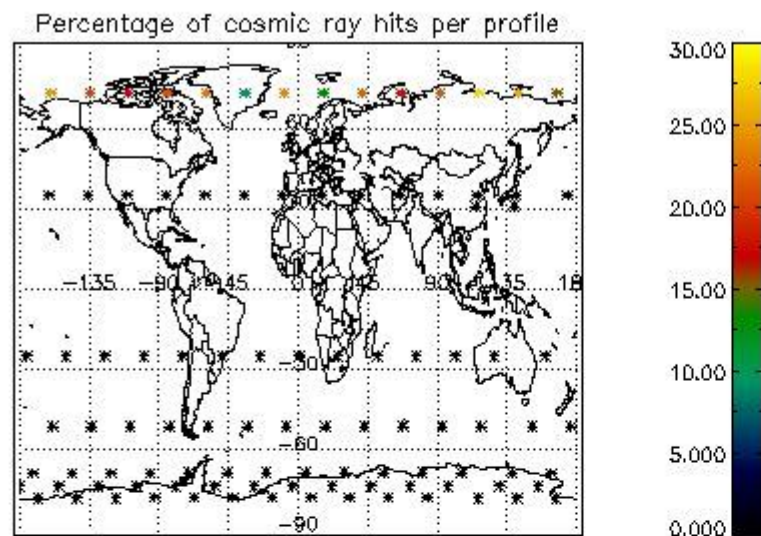


4.2 Plot quality information per product coming from level 1b processing (world map)

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



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

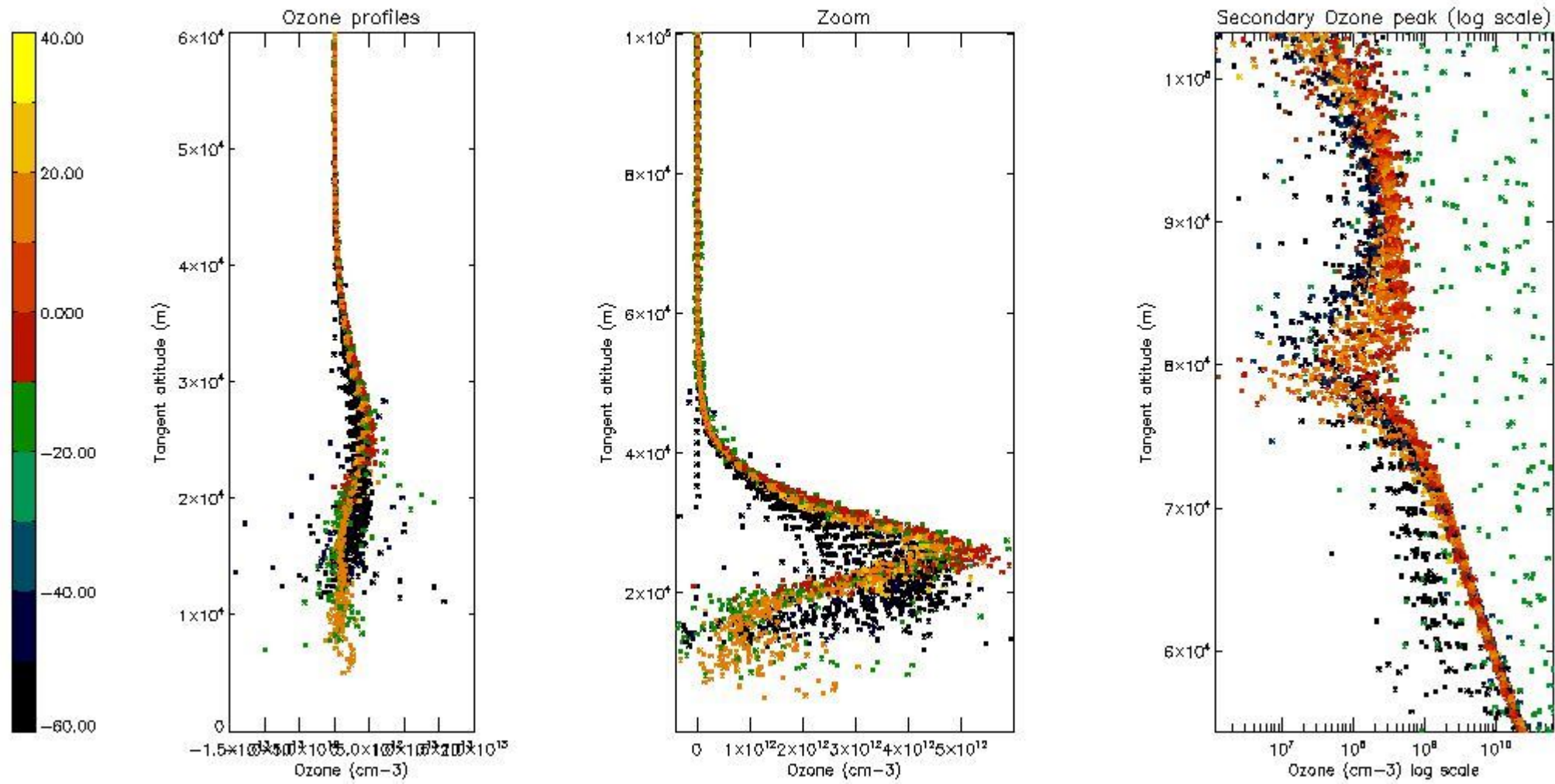
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	51
STD < 20	29

STD < 10	22
STD < 5	14

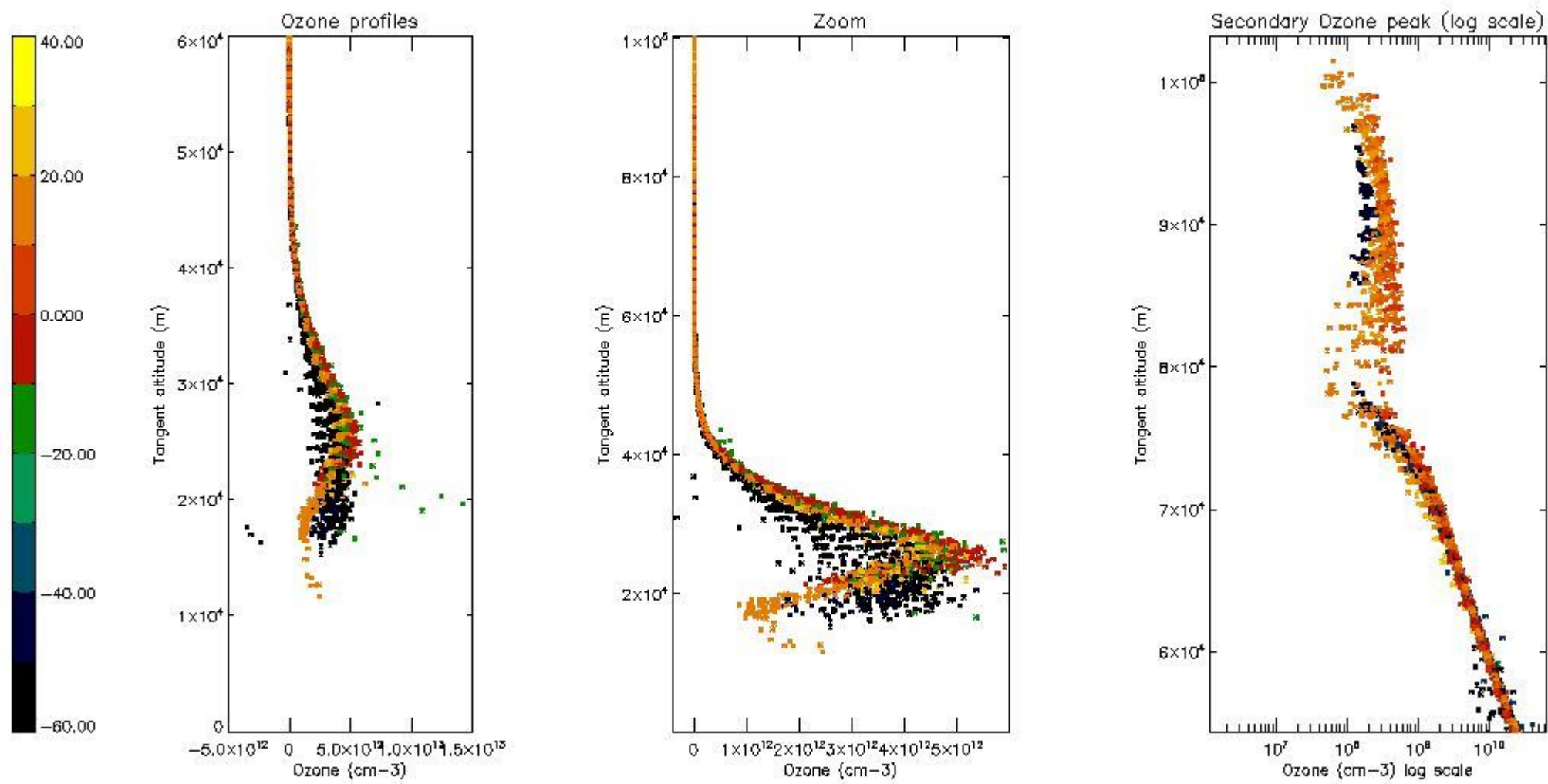
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



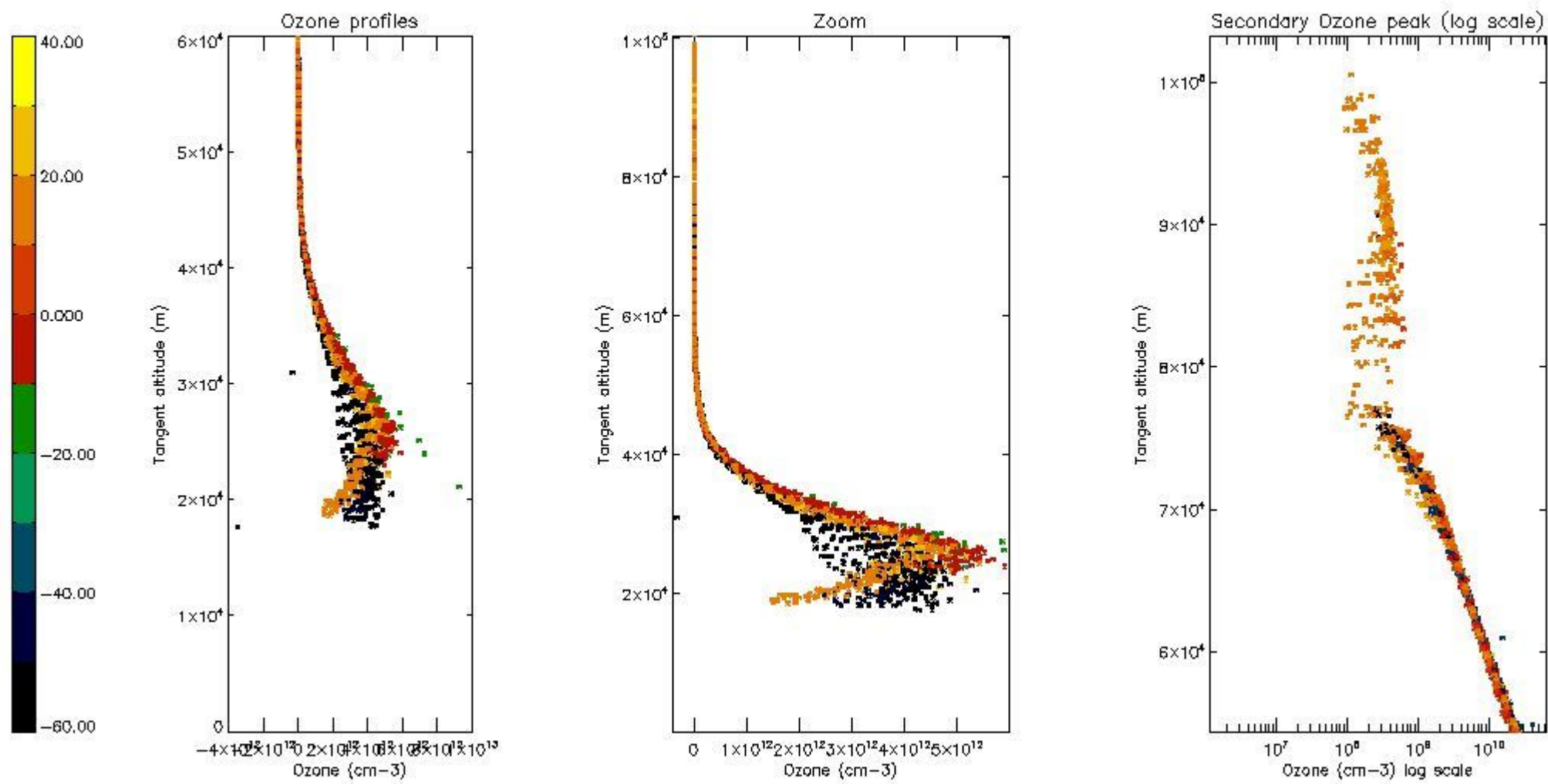
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



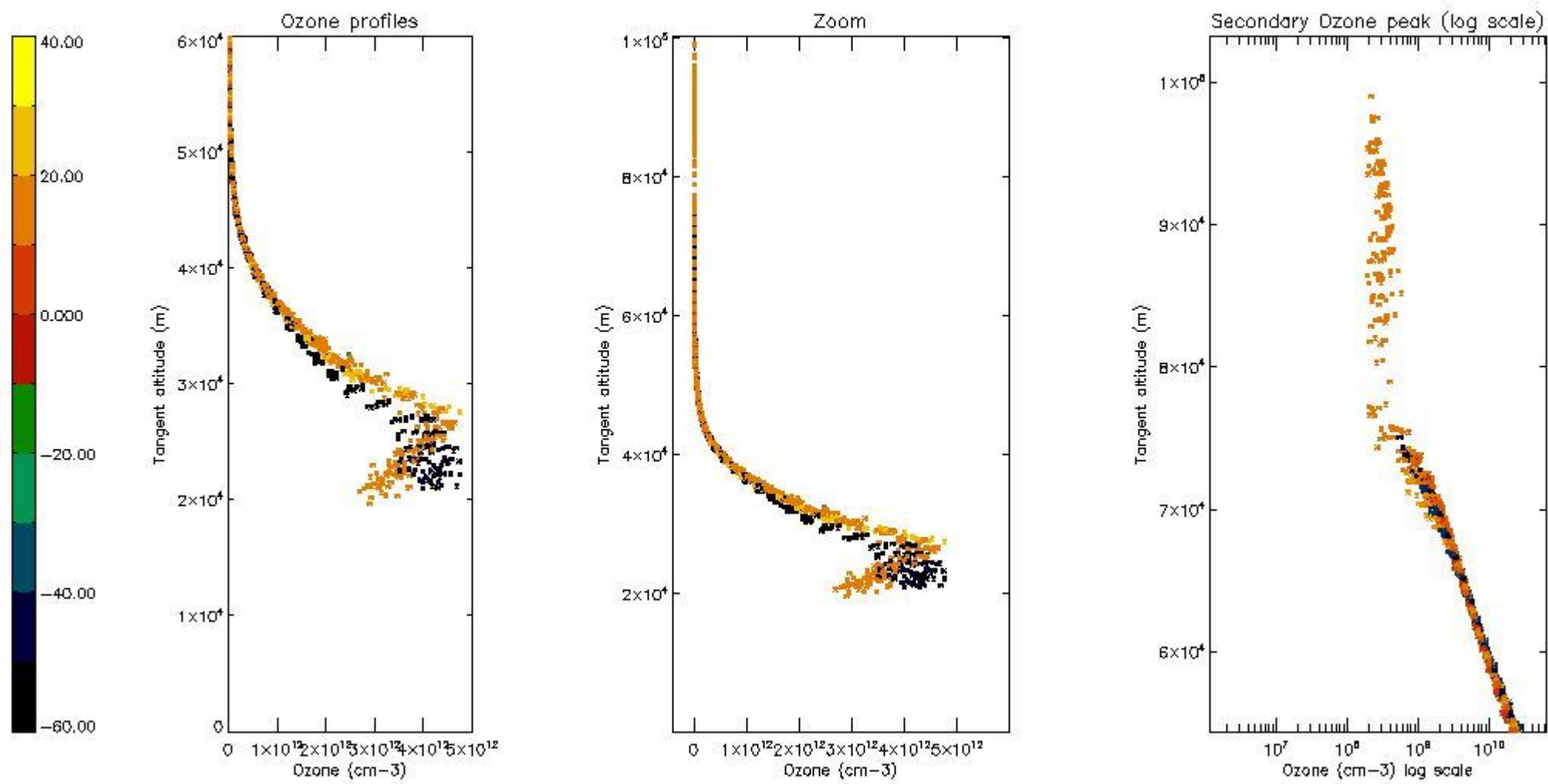
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



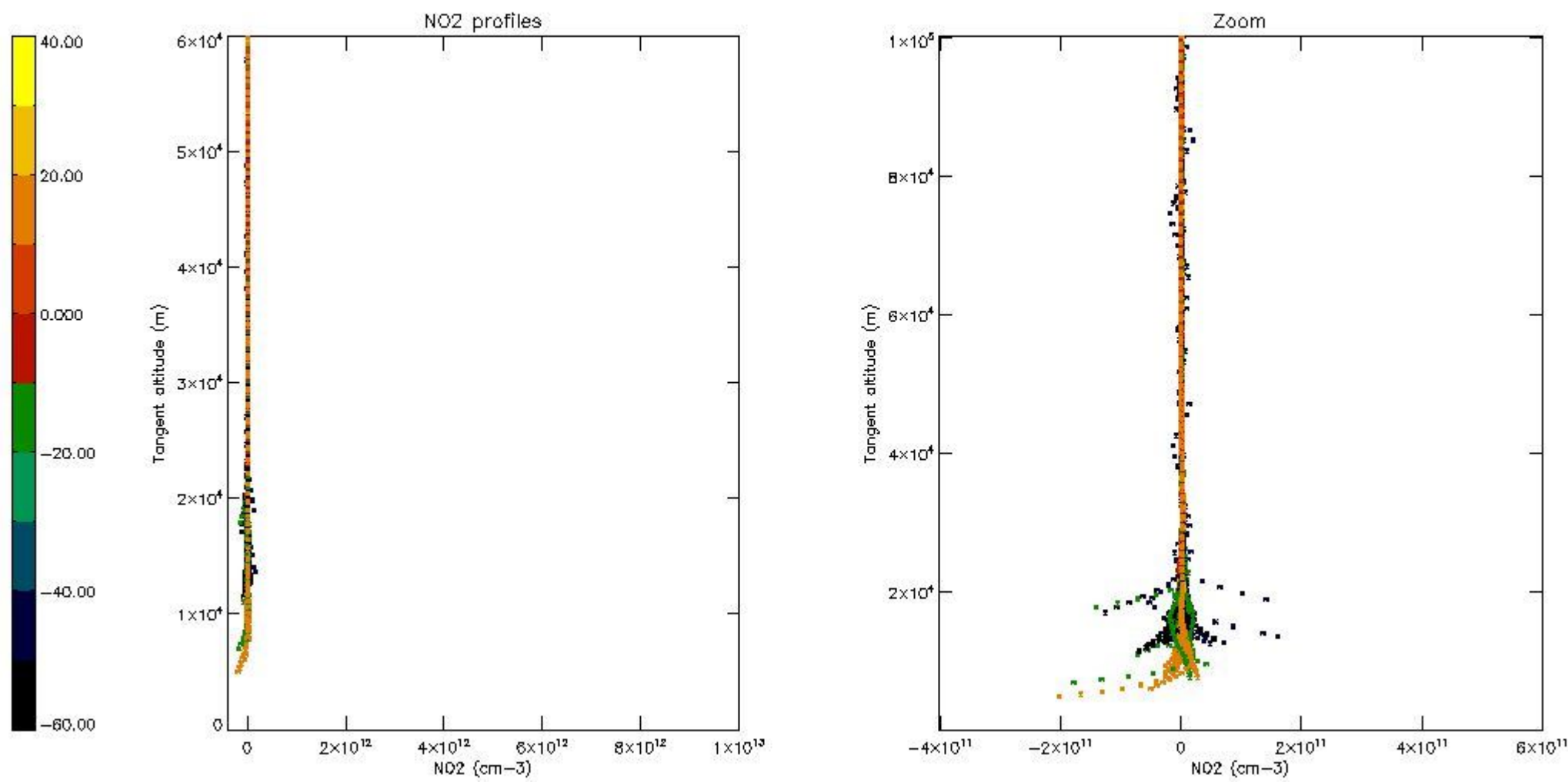
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



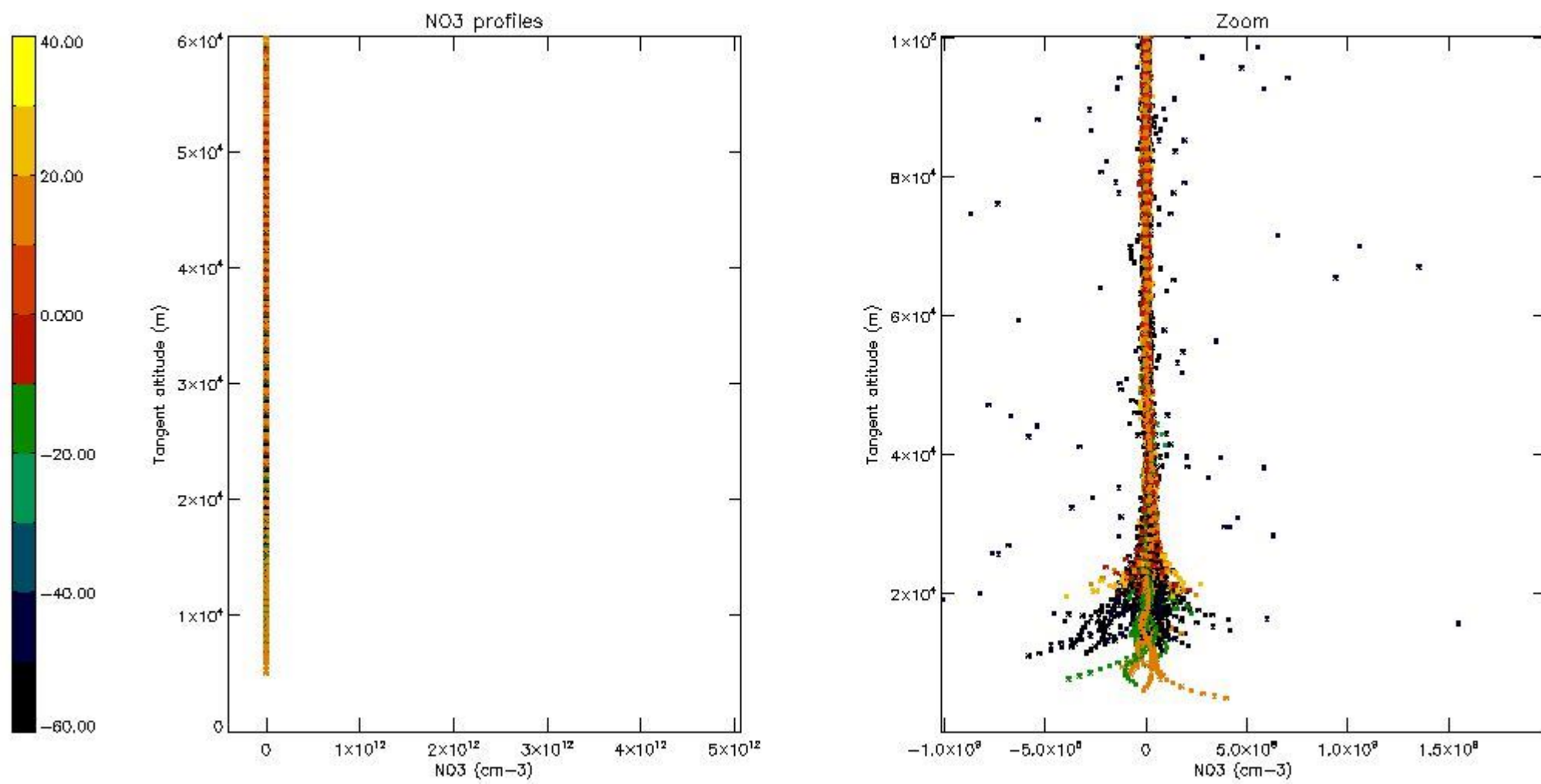
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



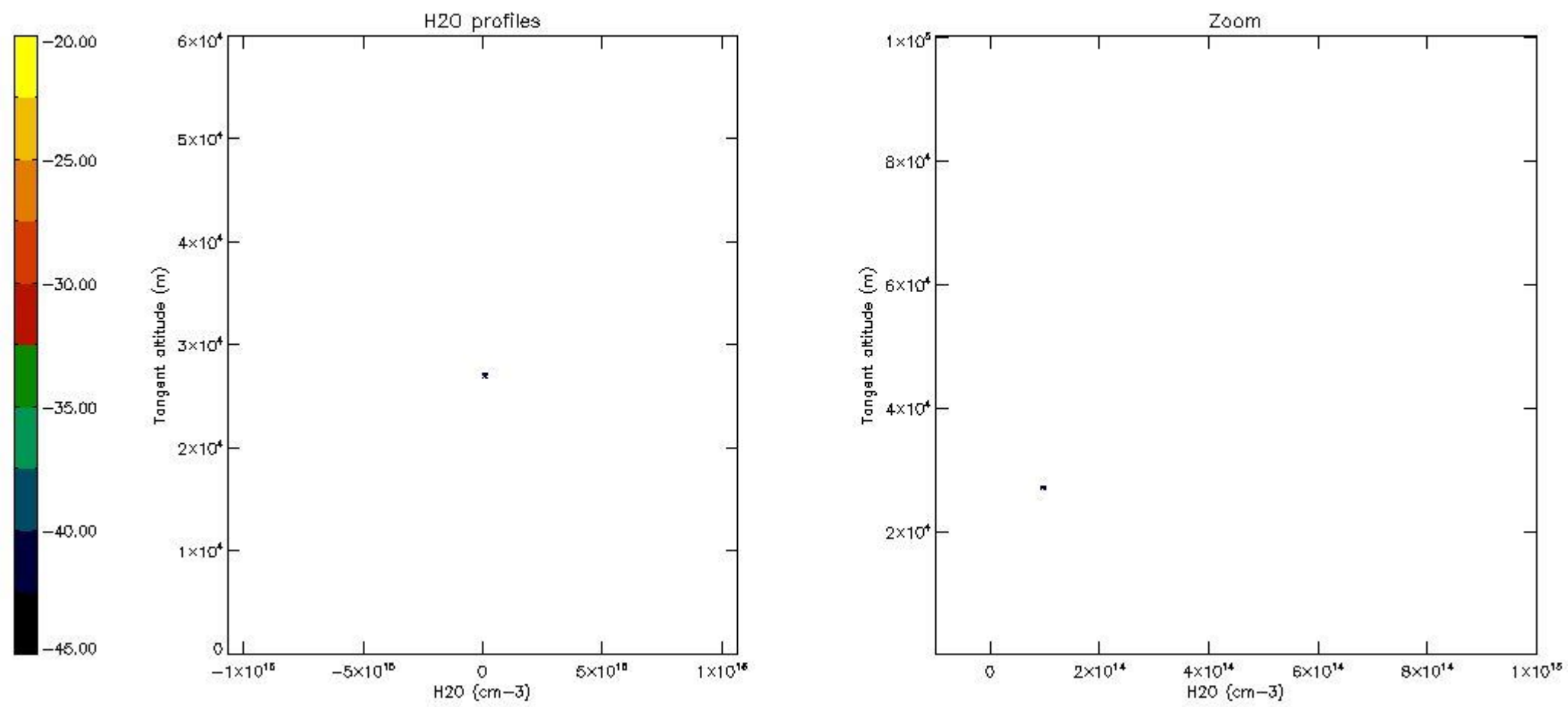
5.7 Plot NO3 profiles for all STD (dark without errors)

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	28-FEB-2006 00:09:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-FEB-2006 00:09:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-FEB-2006 00:09:22

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 16:14:39
Data source version	GOMOS/6.01
Start time of products	28-02-2006 (28FEB2006 00:00:00)
Stop time of products	01-03-2006 (01MAR2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	290
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

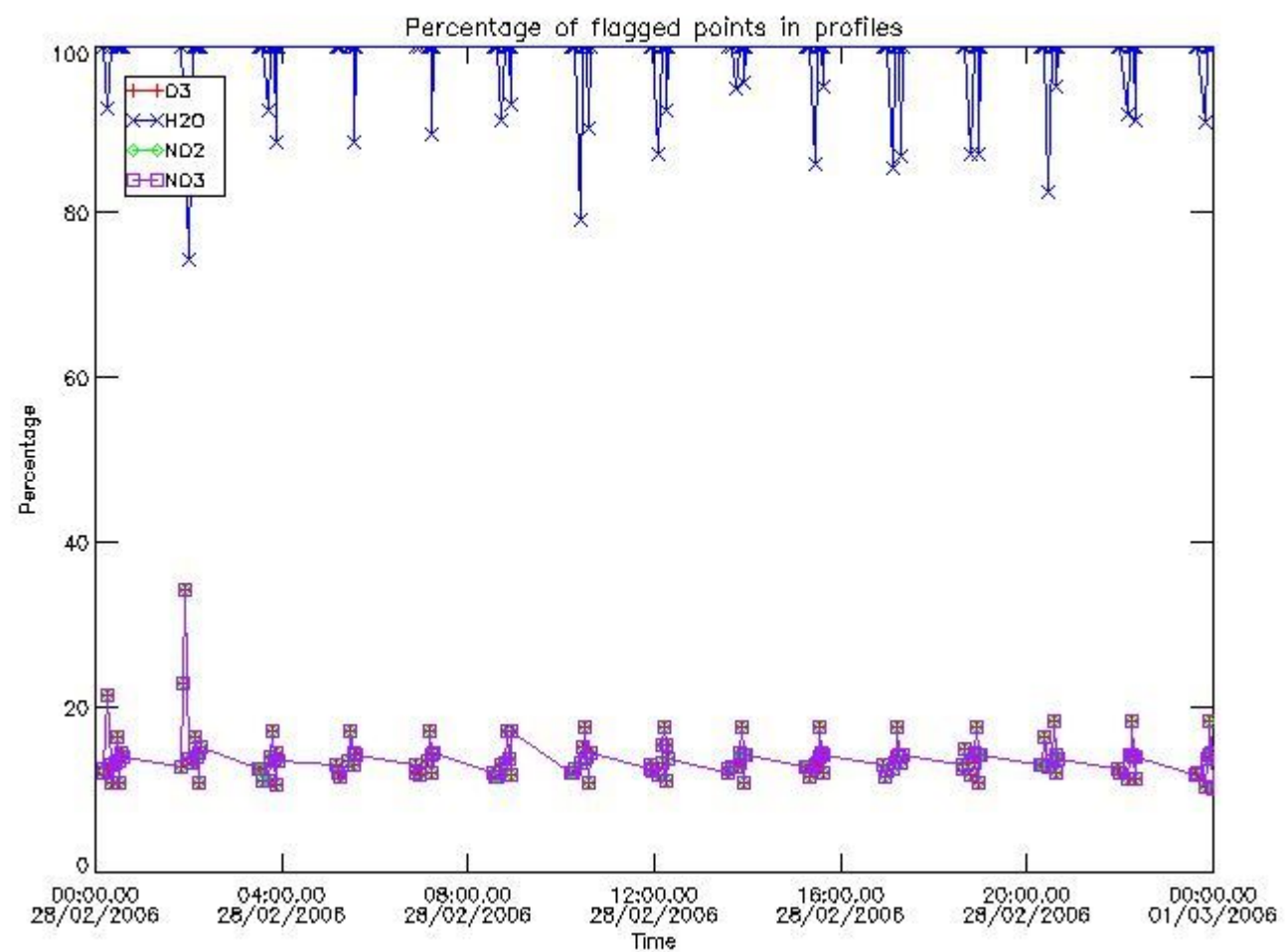
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060228_000922_000000422045_00302_20897_7682.N1	28-FEB-2006 00:09:22	Dark	42.000	155	41Pi Sgr	2.9000	6600.0	84	20897	No
2	GOM_NL__2PRFIN20060228_001111_000000452045_00302_20897_7683.N1	28-FEB-2006 00:11:11	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	20897	No
3	GOM_NL__2PRFIN20060228_001415_000000412045_00302_20897_7684.N1	28-FEB-2006 00:14:15	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	20897	No
4	GOM_NL__2PRFIN20060228_001935_000000402045_00302_20897_7685.N1	28-FEB-2006 00:19:35	Dark	39.500	147	Alp Ara	2.8770	26000.	79	20897	No
5	GOM_NL__2PRFIN20060228_002051_000000472045_00303_20898_7812.N1	28-FEB-2006 00:20:51	Dark	47.000	141	Bet Ara	2.8400	4600.0	94	20898	No
6	GOM_NL__2PRFIN20060228_002450_000000392045_00303_20898_7813.N1	28-FEB-2006 00:24:50	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20898	No
7	GOM_NL__2PRFIN20060228_002724_000000312045_00303_20898_7814.N1	28-FEB-2006 00:27:24	Dark	31.000	4	Alp1Cen	-0.010000	5800.0	62	20898	No
8	GOM_NL__2PRFIN20060228_003005_000000382045_00303_20898_7815.N1	28-FEB-2006 00:30:05	Dark	37.500	112	Alp Mus	2.6880	26000.	75	20898	No
9	GOM_NL__2PRFIN20060228_003121_000000522045_00303_20898_7816.N1	28-FEB-2006 00:31:21	Dark	52.000	12	Alp1Cru	0.77500	30000.	104	20898	No
10	GOM_NL__2PRFIN20060228_003313_000000362045_00303_20898_7817.N1	28-FEB-2006 00:33:13	Dark	35.500	124	The Car	2.7640	30000.	71	20898	No
11	GOM_NL__2PRFIN20060228_003537_000000372045_00303_20898_7818.N1	28-FEB-2006 00:35:37	Dark	36.500	71	lot Car	2.2460	7700.0	73	20898	No
12	GOM_NL__2PRFIN20060228_004001_000000462045_00303_20898_7819.N1	28-FEB-2006 00:40:01	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	20898	No
13	GOM_NL__2PRFIN20060228_004933_000000422045_00303_20898_7820.N1	28-FEB-2006 00:49:33	Twilight_and_stray	42.000	48	30Alp Hya	1.9770	4100.0	84	20898	No
14	GOM_NL__2PRFIN20060228_010041_000000382045_00303_20898_7821.N1	28-FEB-2006 01:00:41	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	20898	No
15	GOM_NL__2PRFIN20060228_010154_000000382045_00303_20898_7822.N1	28-FEB-2006 01:01:54	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	20898	No
16	GOM_NL__2PRFIN20060228_011734_000000332045_00303_20898_7823.N1	28-FEB-2006 01:17:34	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20898	No
17	GOM_NL__2PRFIN20060228_012502_000000322045_00303_20898_7824.N1	28-FEB-2006 01:25:02	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	20898	No
18	GOM_NL__2PRFIN20060228_013007_000000362045_00303_20898_7825.N1	28-FEB-2006 01:30:07	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	20898	No
19	GOM_NL__2PRFIN20060228_013141_000000332045_00303_20898_7826.N1	28-FEB-2006 01:31:41	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20898	No
20	GOM_NL__2PRFIN20060228_013313_000000332045_00303_20898_7827.N1	28-FEB-2006 01:33:13	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	20898	No
21	GOM_NL__2PRFIN20060228_014027_000000372045_00303_20898_7828.N1	28-FEB-2006 01:40:27	Bright	37.000	118	50Gam Aql	2.7180	4600.0	74	20898	No
22	GOM_NL__2PRFIN20060228_014959_000000402045_00303_20898_7829.N1	28-FEB-2006 01:49:59	Dark	40.000	155	41Pi Sgr	2.9000	6600.0	80	20898	No
23	GOM_NL__2PRFIN20060228_015147_000000402045_00303_20898_7830.N1	28-FEB-2006 01:51:47	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	20898	No
24	GOM_NL__2PRFIN20060228_015451_000000452045_00303_20898_7831.N1	28-FEB-2006 01:54:51	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	20898	No
25	GOM_NL__2PRFIN20060228_020127_000000412045_00304_20899_7665.N1	28-FEB-2006 02:01:27	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20899	No
26	GOM_NL__2PRFIN20060228_020527_000000392045_00304_20899_7666.N1	28-FEB-2006 02:05:27	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20899	No
27	GOM_NL__2PRFIN20060228_020800_000000312045_00304_20899_7667.N1	28-FEB-2006 02:08:00	Dark	31.000	4	Alp1Cen	-0.010000	5800.0	62	20899	No
28	GOM_NL__2PRFIN20060228_021042_000000372045_00304_20899_7668.N1	28-FEB-2006 02:10:42	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20899	No
29	GOM_NL__2PRFIN20060228_021157_000000472045_00304_20899_7669.N1	28-FEB-2006 02:11:57	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	20899	No
30	GOM_NL__2PRFIN20060228_021349_000000352045_00304_20899_7670.N1	28-FEB-2006 02:13:49	Dark	35.000	124	The Car	2.7640	30000.	70	20899	No
31	GOM_NL__2PRFIN20060228_021613_000000372045_00304_20899_7671.N1	28-FEB-2006 02:16:13	Dark	37.000	71	lot Car	2.2460	7700.0	74	20899	No
32	GOM_NL__2PRFIN20060228_022037_000000422045_00304_20899_7672.N1	28-FEB-2006 02:20:37	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20899	No
33	GOM_NL__2PRFIN20060228_023009_000000432045_00304_20899_7673.N1	28-FEB-2006 02:30:09	Twilight_and_stray	43.000	48	30Alp Hya	1.9770	4100.0	86	20899	No
34	GOM_NL__2PRFIN20060228_024117_000000382045_00304_20899_7674.N1	28-FEB-2006 02:41:17	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20899	No
35	GOM_NL__2PRFIN20060228_024230_000000382045_00304_20899_7675.N1	28-FEB-2006 02:42:30	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	20899	No
36	GOM_NL__2PRFIN20060228_025810_000000342045_00304_20899_7676.N1	28-FEB-2006 02:58:10	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	20899	No
37	GOM_NL__2PRFIN20060228_030538_000000352045_00304_20899_7677.N1	28-FEB-2006 03:05:38	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20899	No
38	GOM_NL__2PRFIN20060228_031043_000000332045_00304_20899_7678.N1	28-FEB-2006 03:10:43	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20899	No
39	GOM_NL__2PRFIN20060228_031218_000000352045_00304_20899_7679.N1	28-FEB-2006 03:12:18	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20899	No
40	GOM_NL__2PRFIN20060228_031350_000000342045_00304_20899_7680.N1	28-FEB-2006 03:13:50	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20899	No
41	GOM_NL__2PRFIN20060228_032103_000000372045_00304_20899_7681.N1	28-FEB-2006 03:21:03	Bright	37.000	118	50Gam Aql	2.7180	4600.0	74	20899	No
42	GOM_NL__2PRFIN20060228_033035_000000412045_00304_20899_7682.N1	28-FEB-2006 03:30:35	Dark	40.500	155	41Pi Sgr	2.9000	6600.0	81	20899	No

279	GOM_NL__2PRFIN20060228_231756_000000342045_00316_20911_7702.N1	28-FEB-2006 23:17:56	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20911	No
280	GOM_NL__2PRFIN20060228_231930_000000332045_00316_20911_7703.N1	28-FEB-2006 23:19:30	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20911	No
281	GOM_NL__2PRFIN20060228_232103_000000332045_00316_20911_7704.N1	28-FEB-2006 23:21:03	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	20911	No
282	GOM_NL__2PRFIN20060228_232818_000000382045_00316_20911_7705.N1	28-FEB-2006 23:28:18	Bright	37.500	118	50Gam Aql	2.7180	4600.0	75	20911	No
283	GOM_NL__2PRFIN20060228_233752_000000432045_00316_20911_7706.N1	28-FEB-2006 23:37:52	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	20911	No
284	GOM_NL__2PRFIN20060228_233941_000000432045_00316_20911_7707.N1	28-FEB-2006 23:39:41	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	20911	No
285	GOM_NL__2PRFIN20060228_234922_000000492045_00317_20912_7688.N1	28-FEB-2006 23:49:22	Dark	49.000	141	Bet Ara	2.8400	4600.0	98	20912	No
286	GOM_NL__2PRFIN20060228_235320_000000372045_00317_20912_7689.N1	28-FEB-2006 23:53:20	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	20912	No
287	GOM_NL__2PRFIN20060228_235438_000000362045_00317_20912_7690.N1	28-FEB-2006 23:54:38	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20912	No
288	GOM_NL__2PRFIN20060228_235555_000000282045_00317_20912_7691.N1	28-FEB-2006 23:55:55	Dark	28.000	4	Alp1Cen	-0.010000	5800.0	56	20912	No
289	GOM_NL__2PRFIN20060228_235833_000000362045_00317_20912_7692.N1	28-FEB-2006 23:58:33	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20912	No
290	GOM_NL__2PRFIN20060228_235950_000000512045_00317_20912_7693.N1	28-FEB-2006 23:59:50	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	20912	No

3. Quality information per product

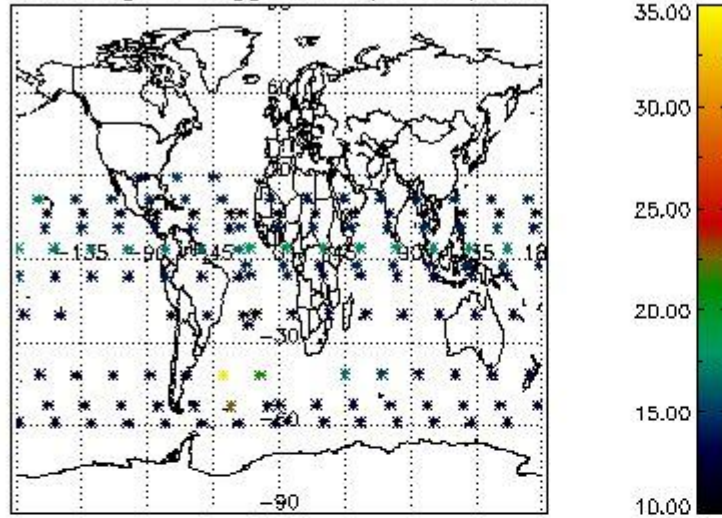
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

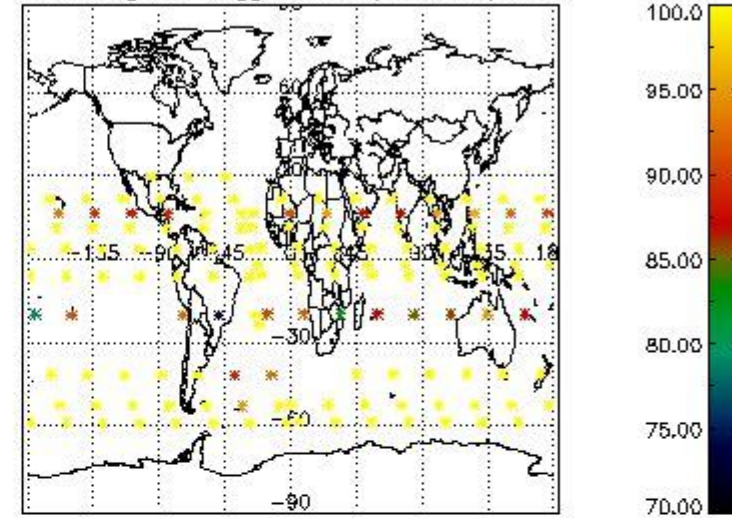


3.2 Plot quality information per product (world map)

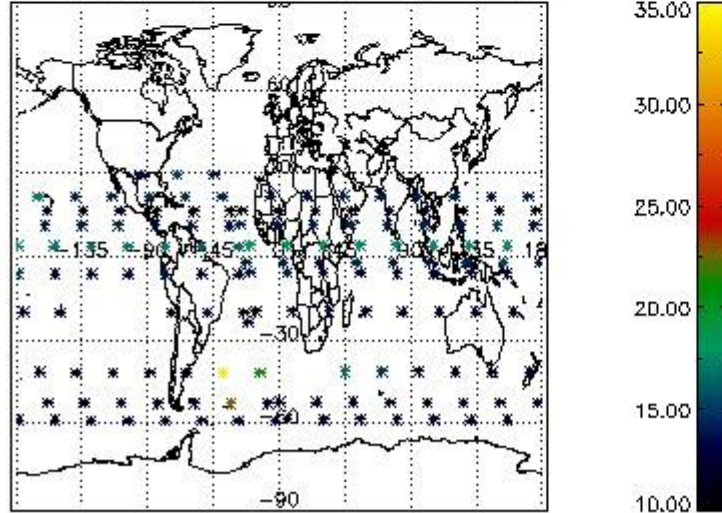
Percentage of flagged data per O3 profile



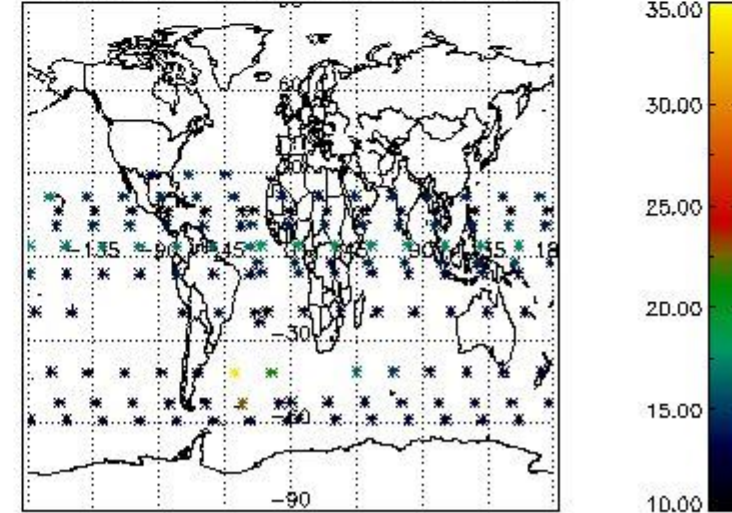
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

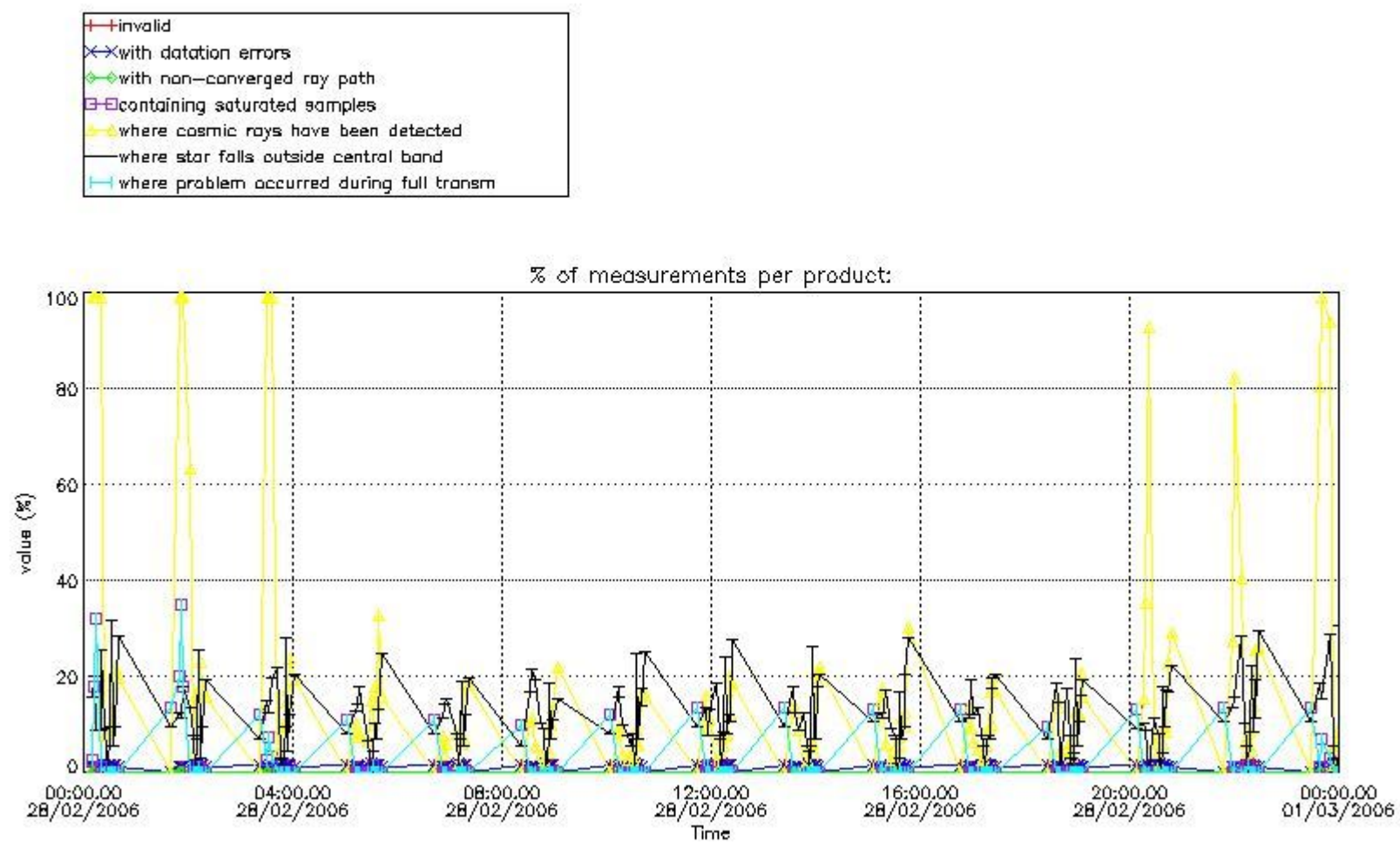


4. Level 1 quality information per product

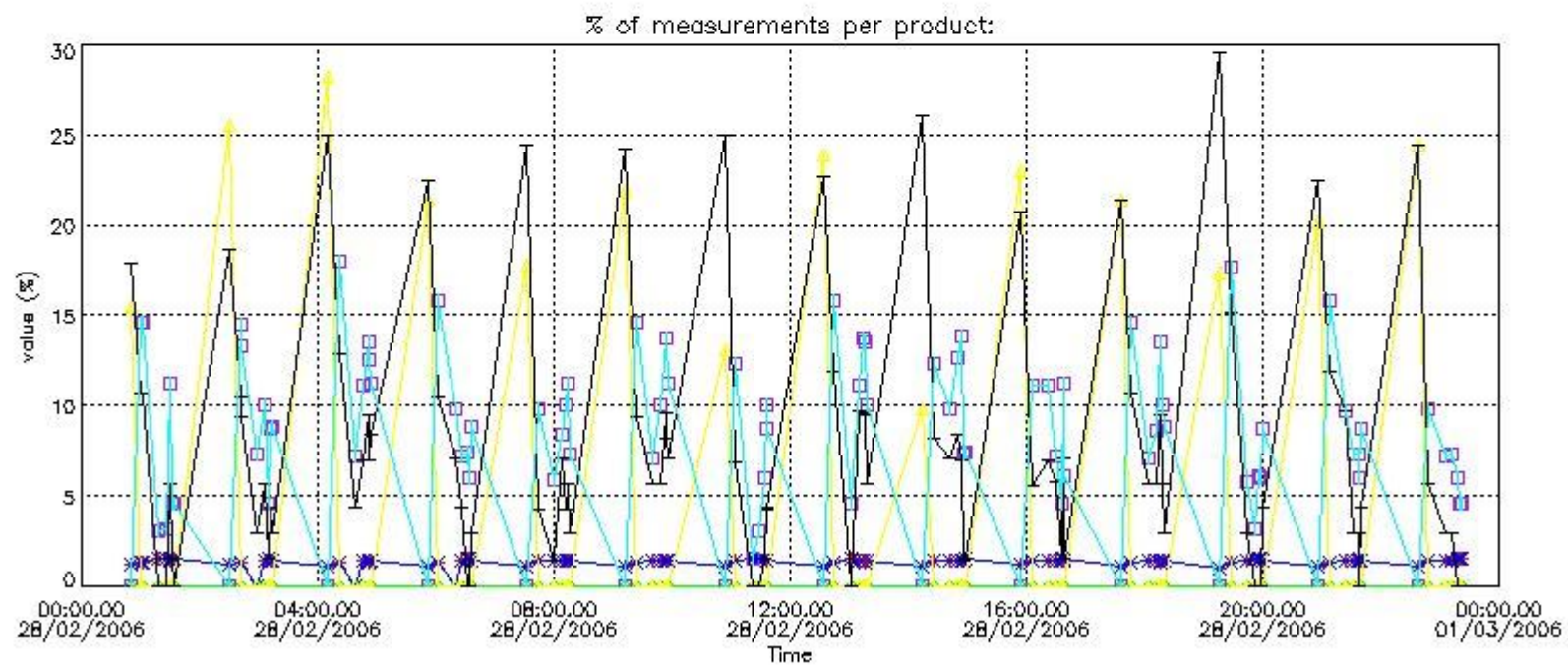
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



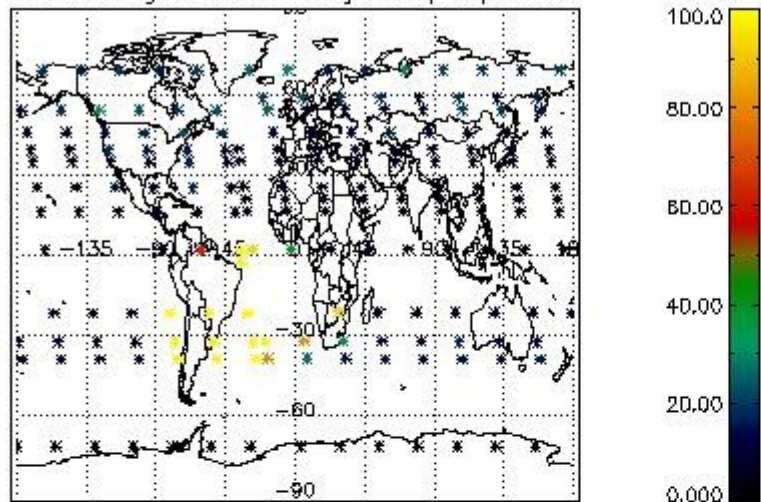
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



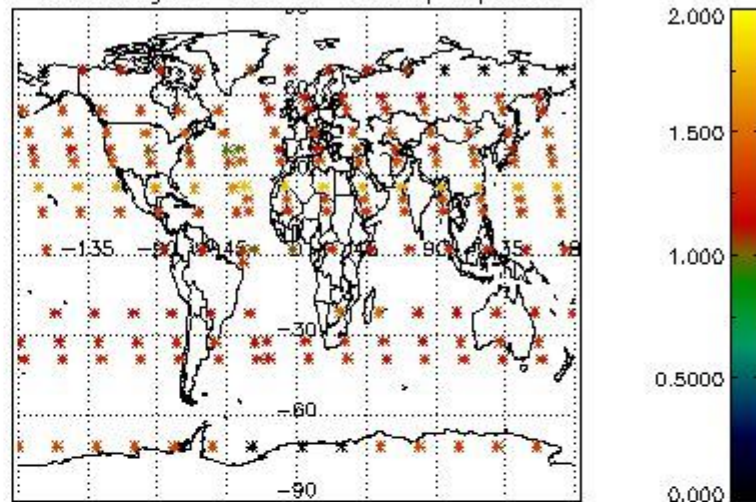
4.2 Plot quality information per product coming from level 1b processing (world map)

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

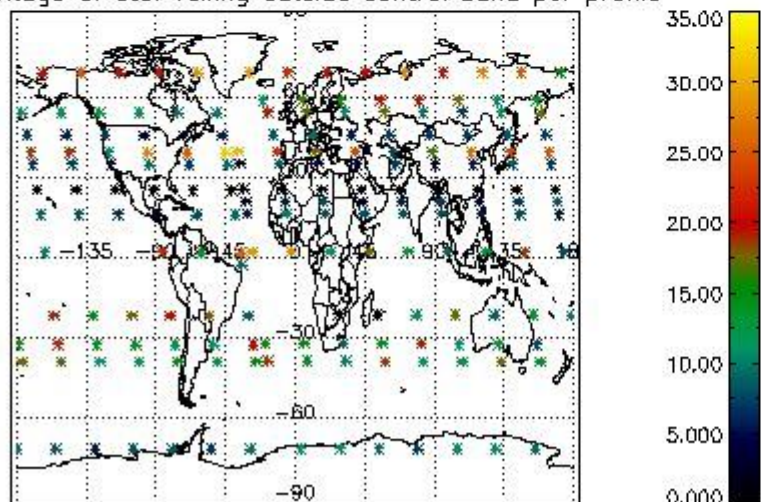
Percentage of cosmic ray hits per profile



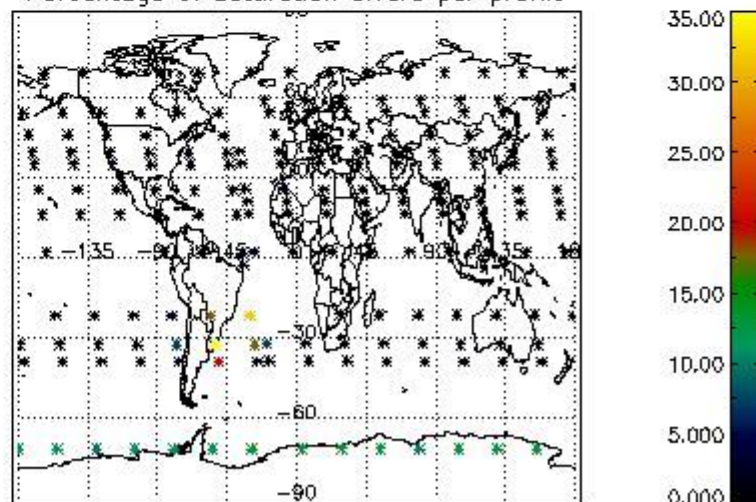
Percentage of datation errors per profile



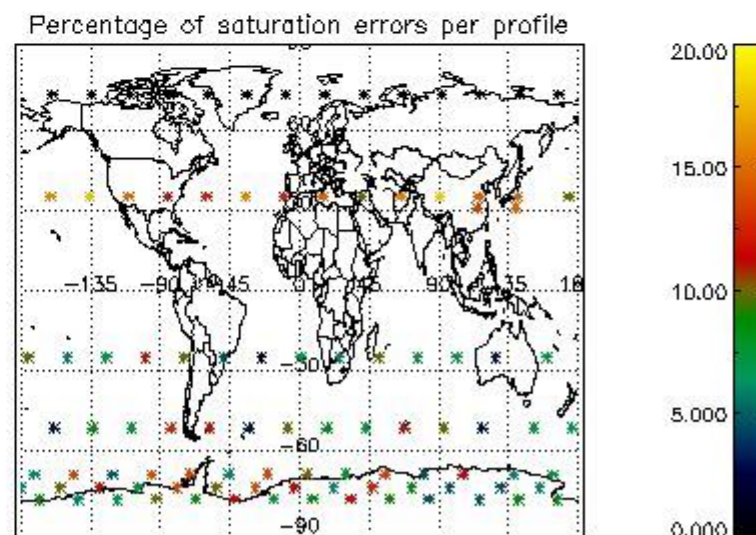
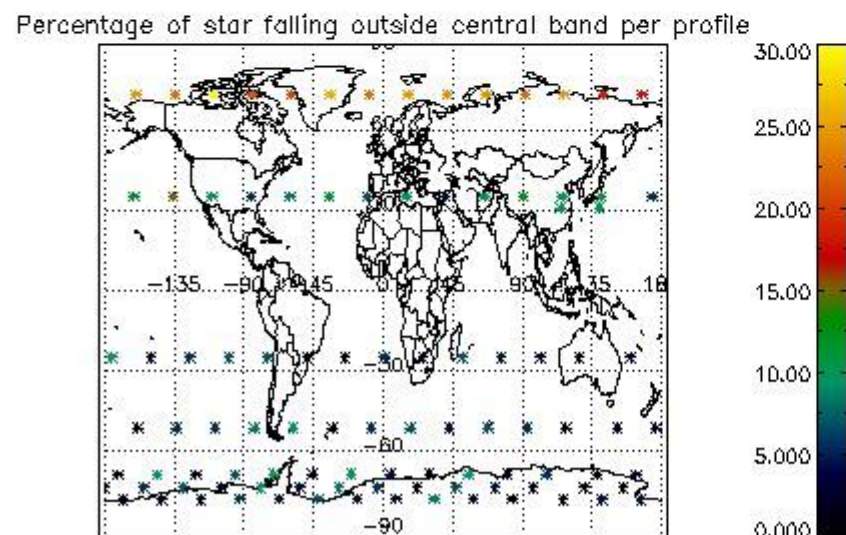
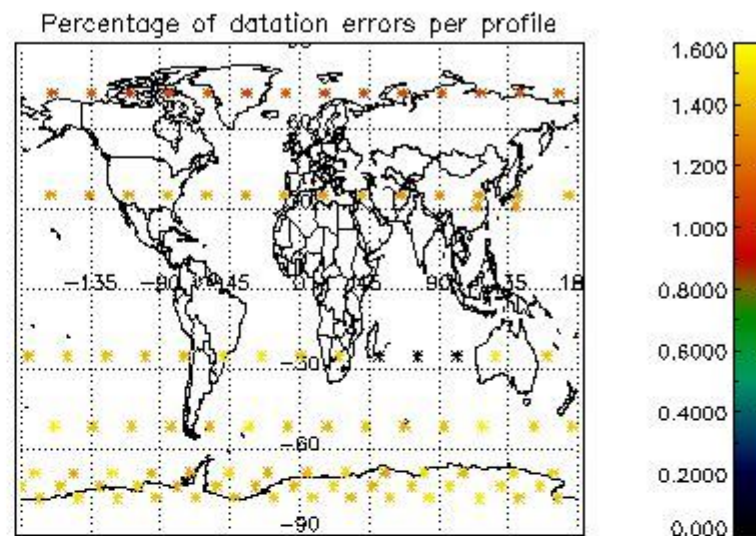
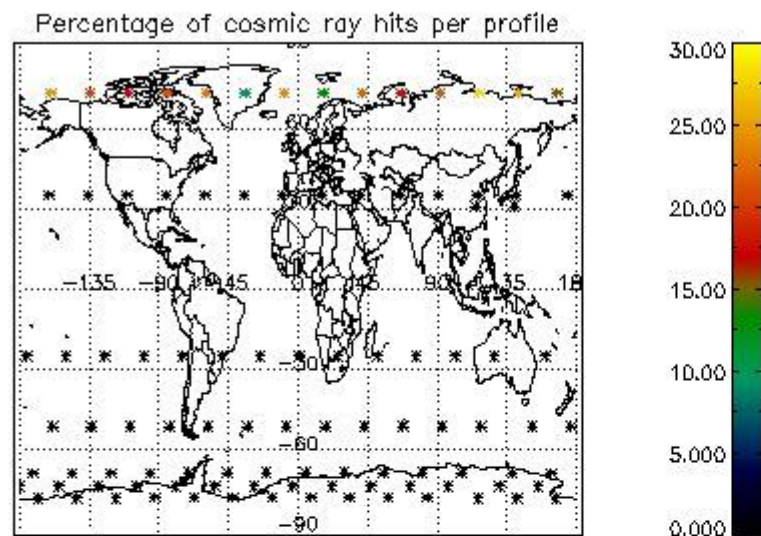
Percentage of star falling outside central band per profile



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

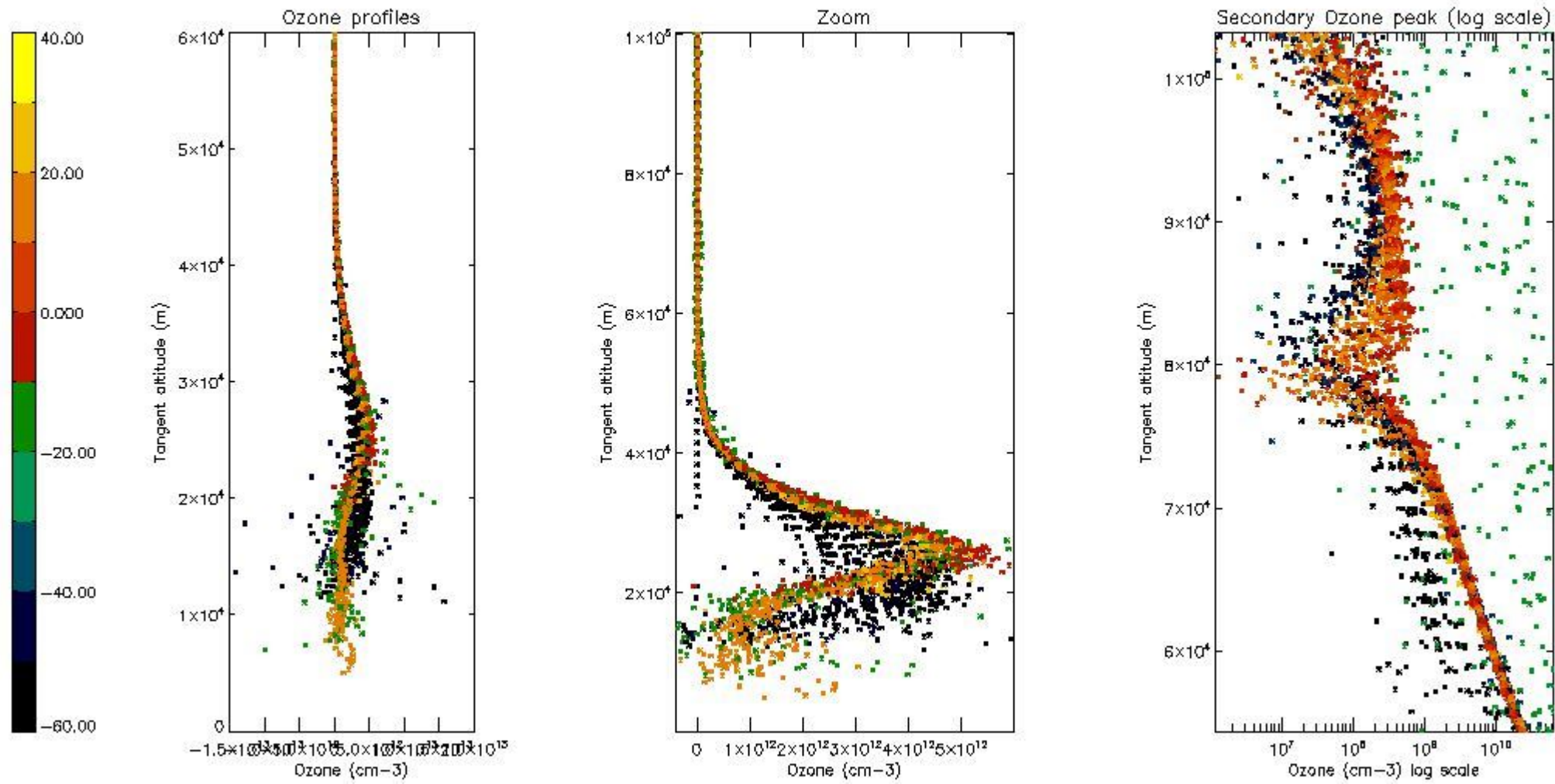
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	51
STD < 20	29

STD < 10	22
STD < 5	14

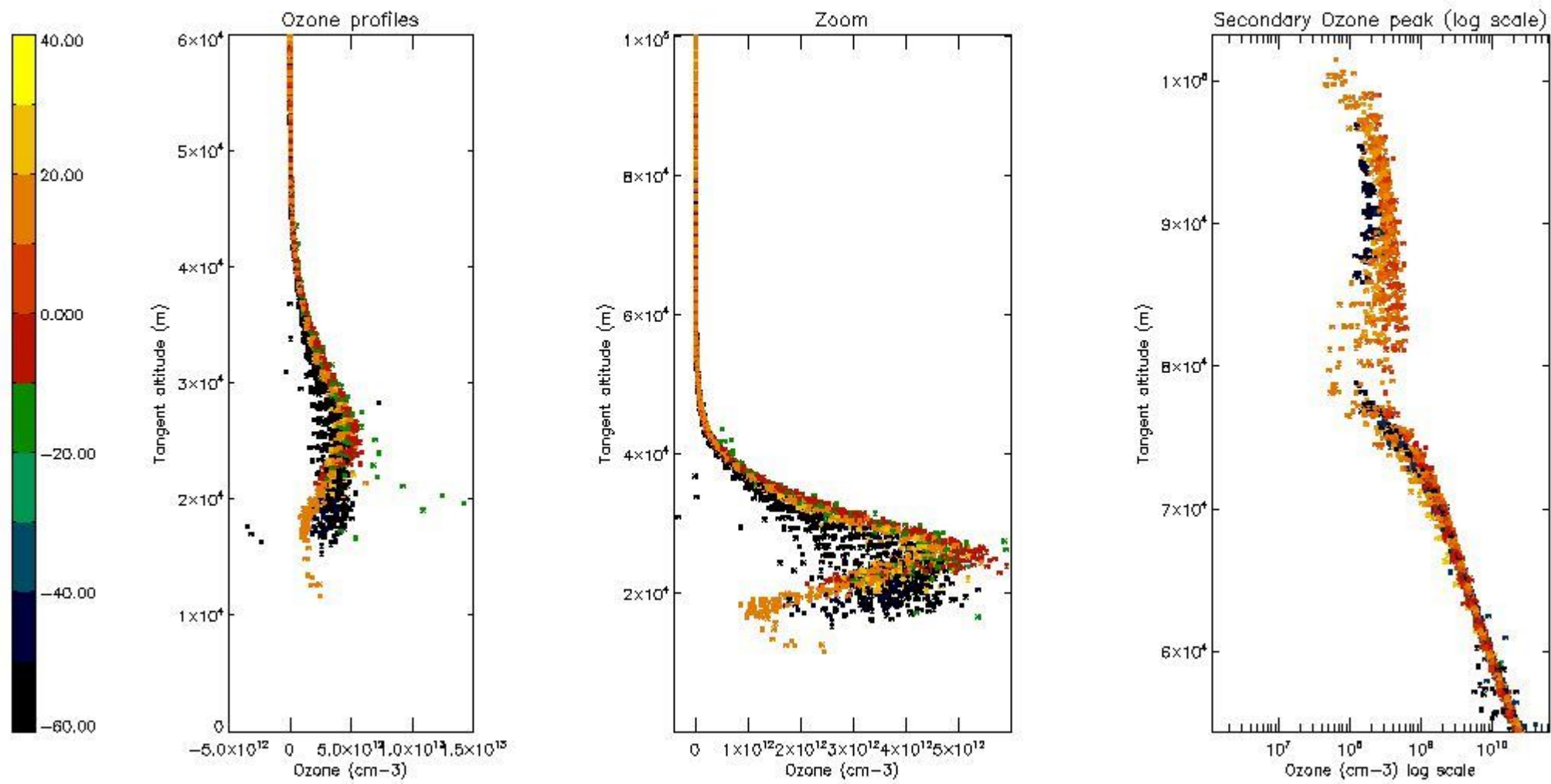
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



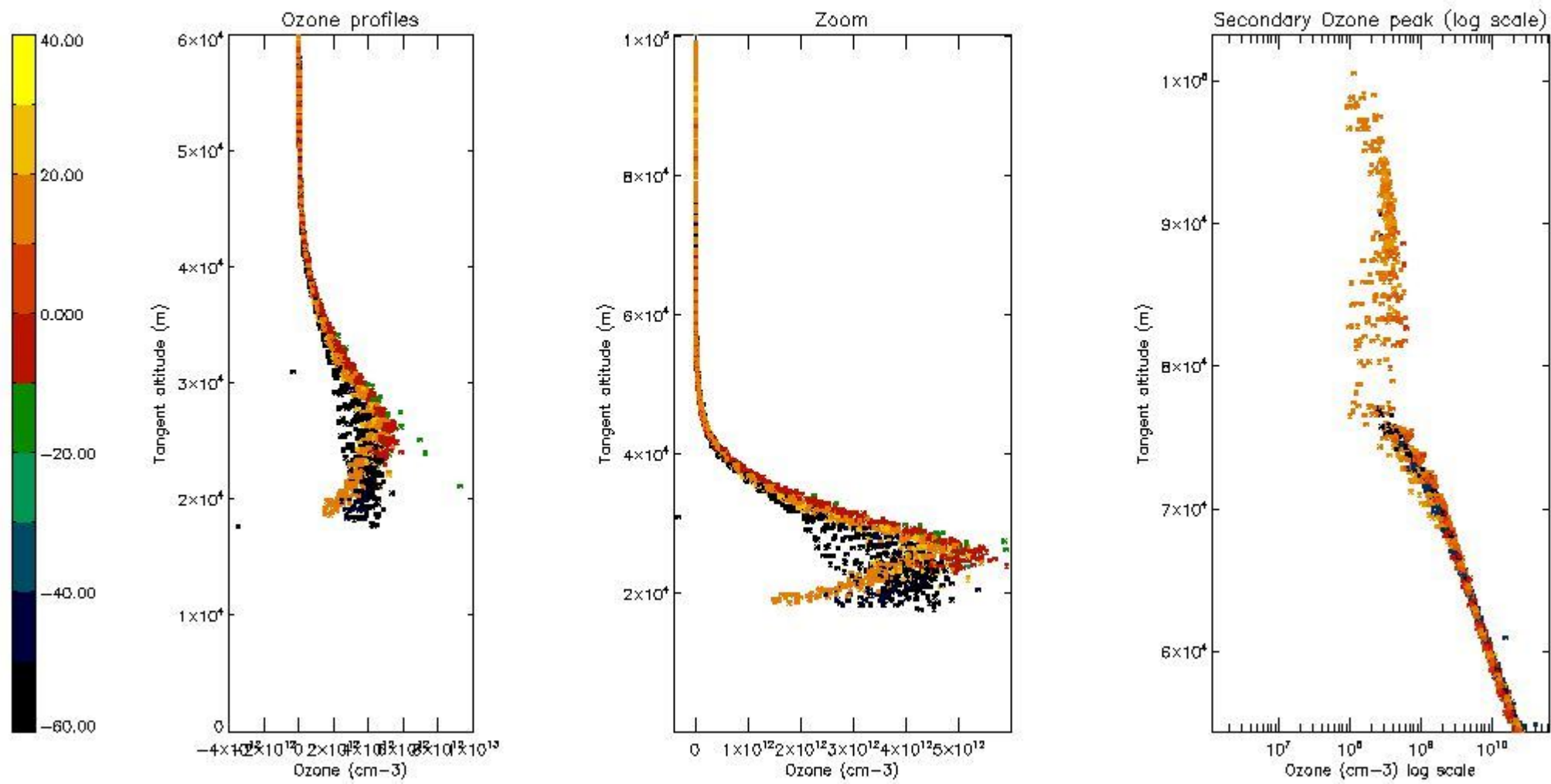
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



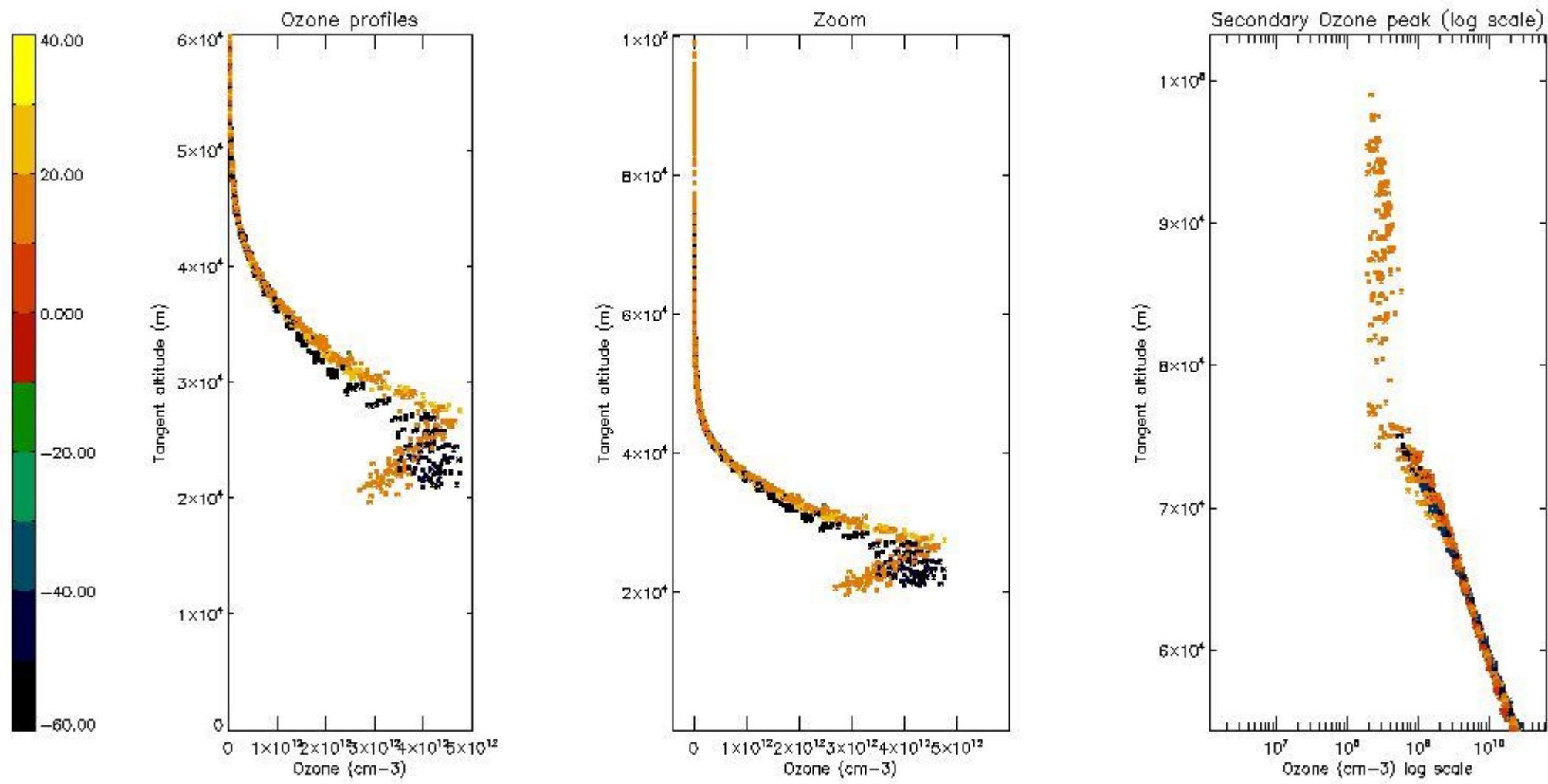
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



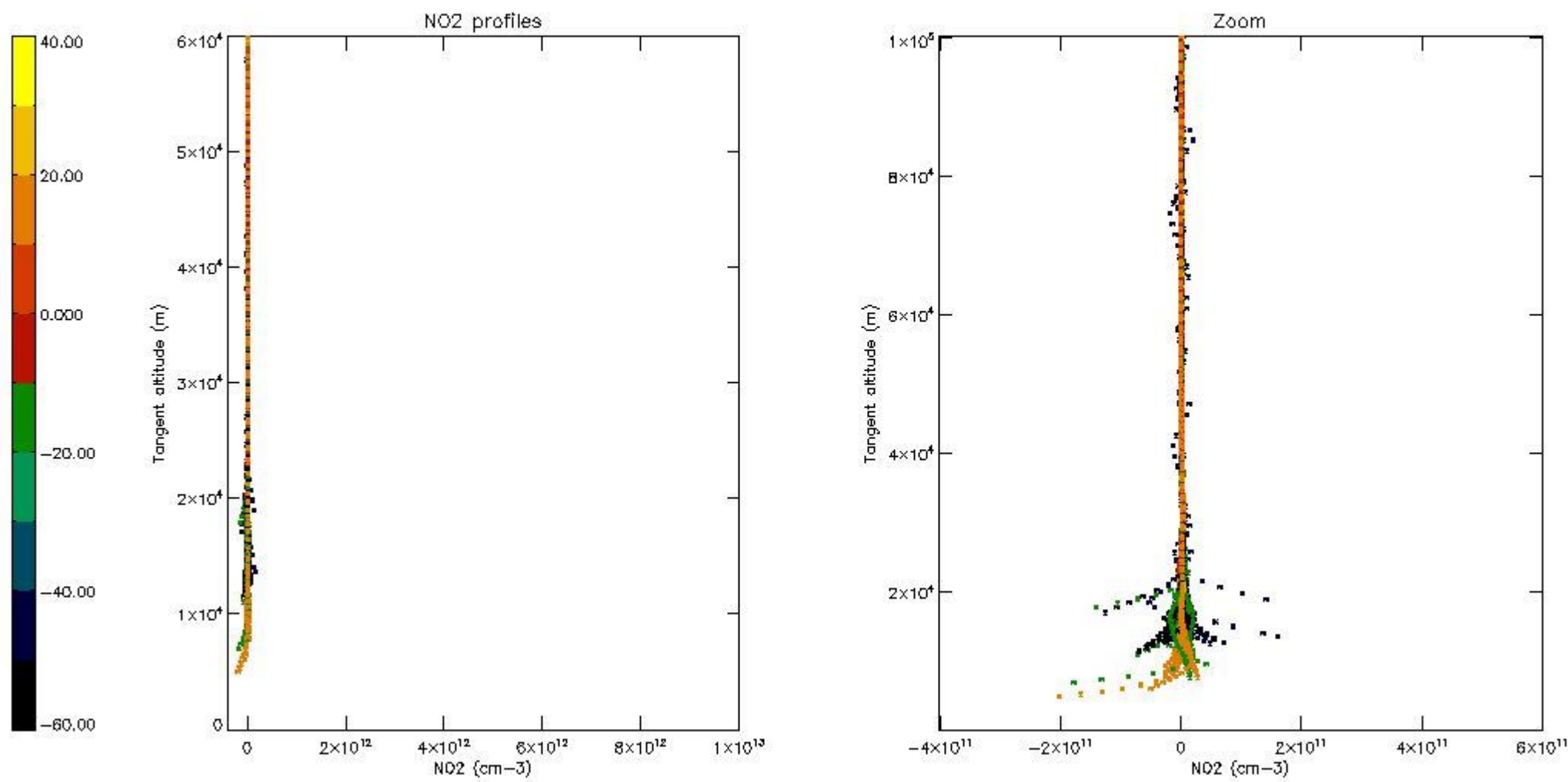
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



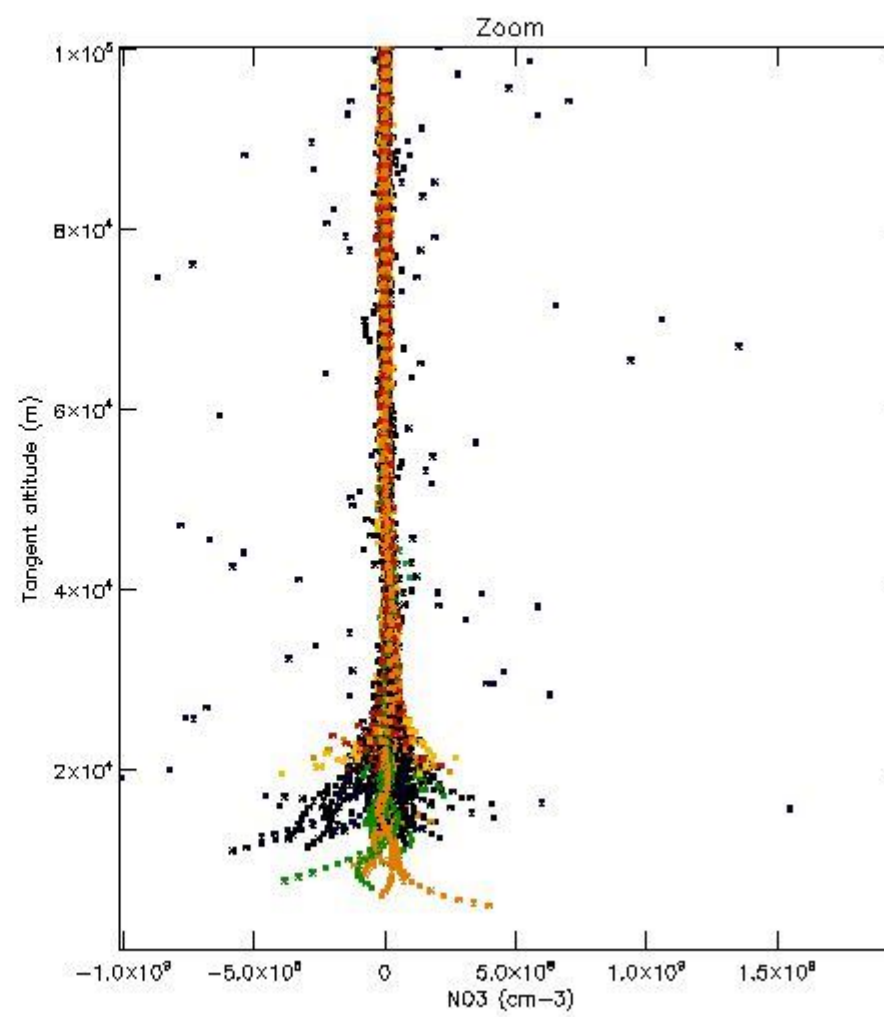
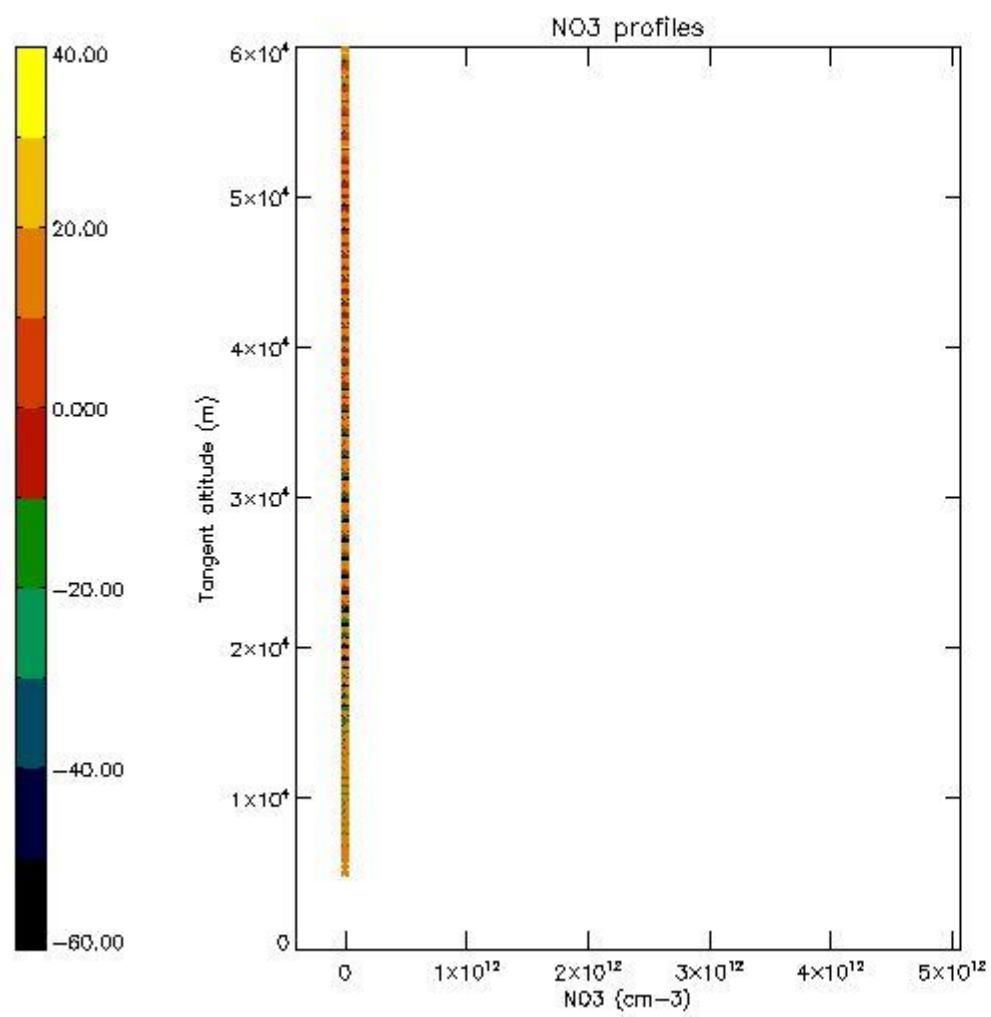
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



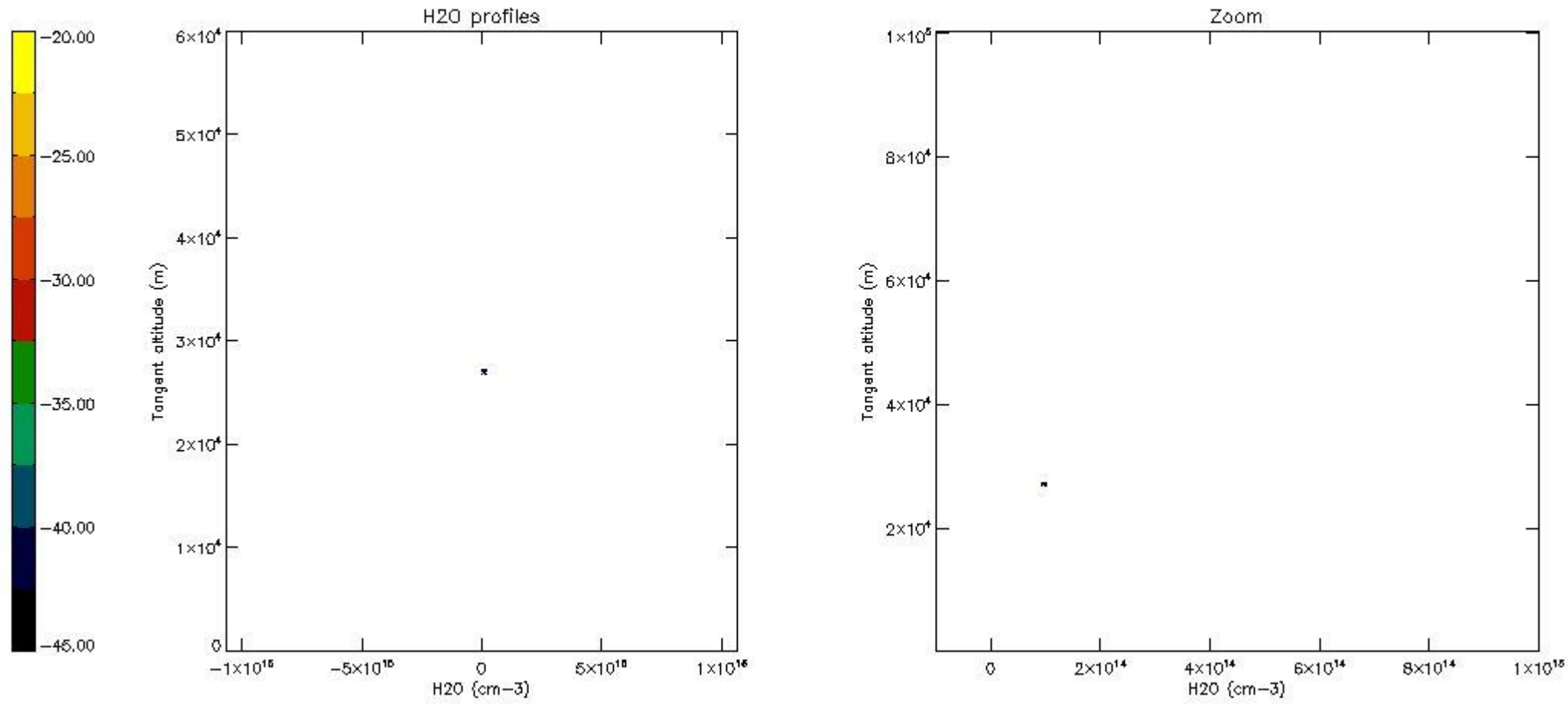
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

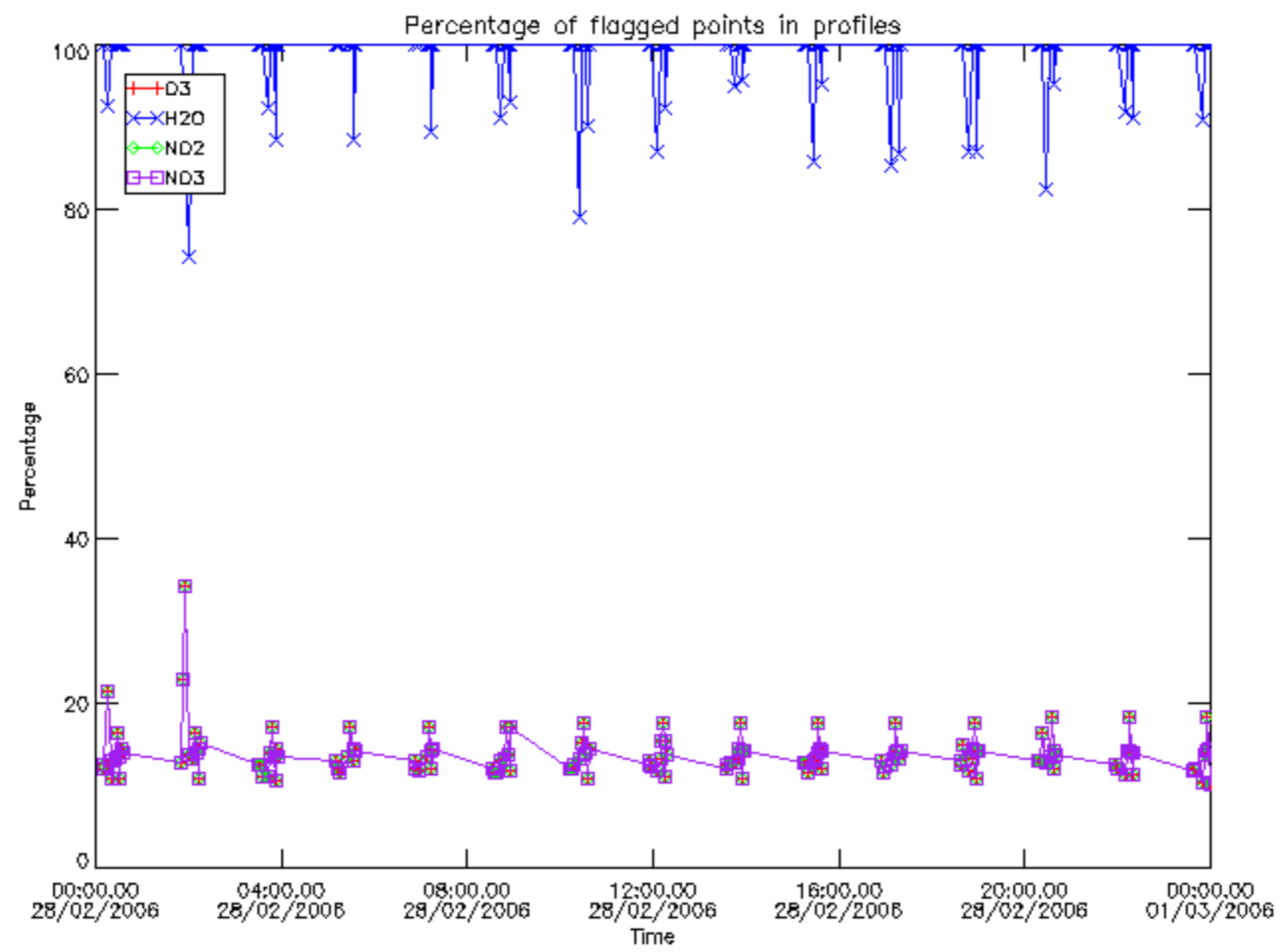
The colorbar represents the latitude.



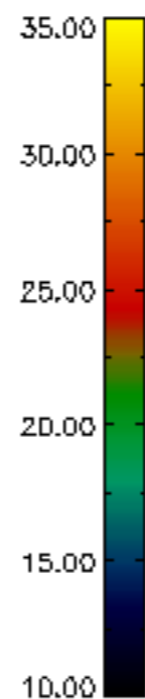
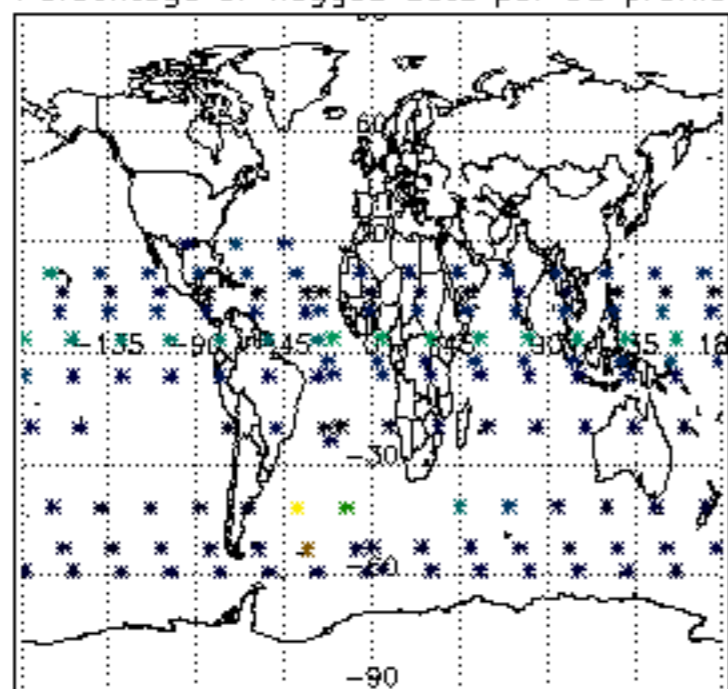
6. Auxiliary Data Files used for the production reported in section 2

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.

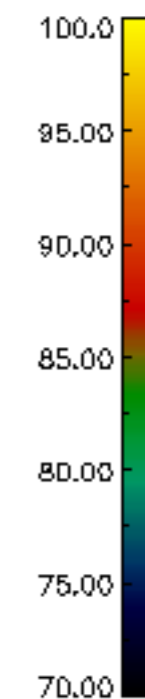
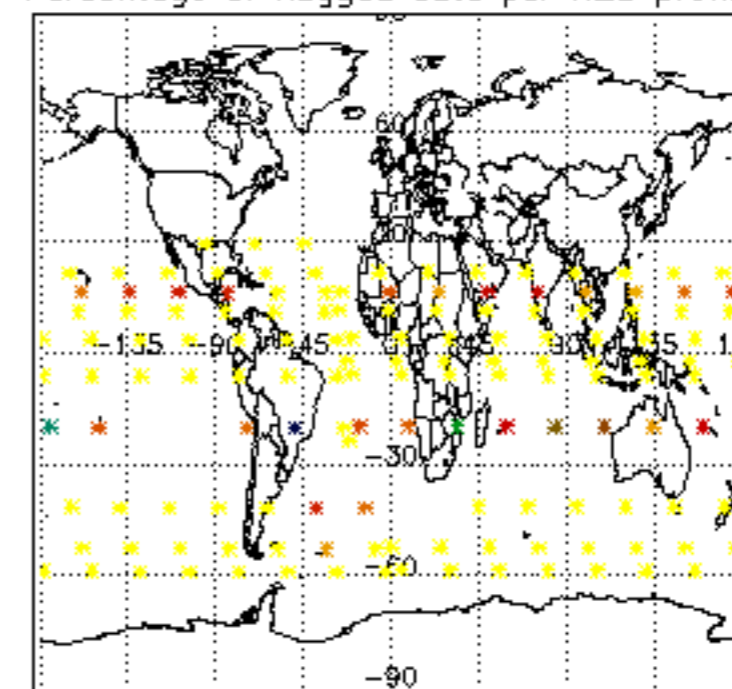
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-FEB-2006 00:09:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-FEB-2006 00:09:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-FEB-2006 00:09:22



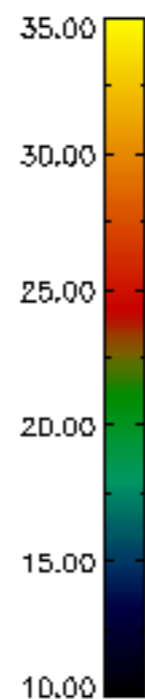
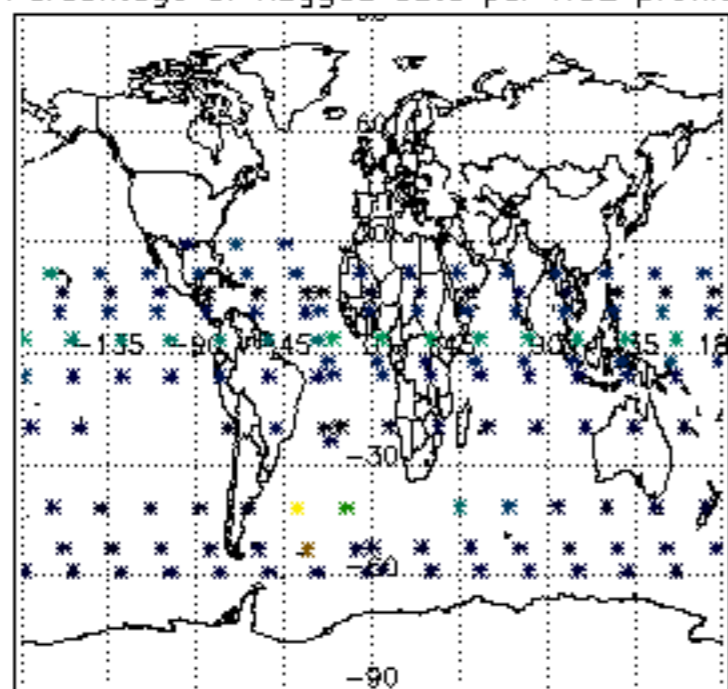
Percentage of flagged data per D3 profile



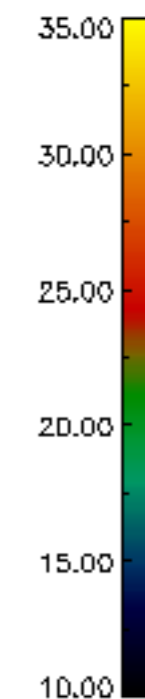
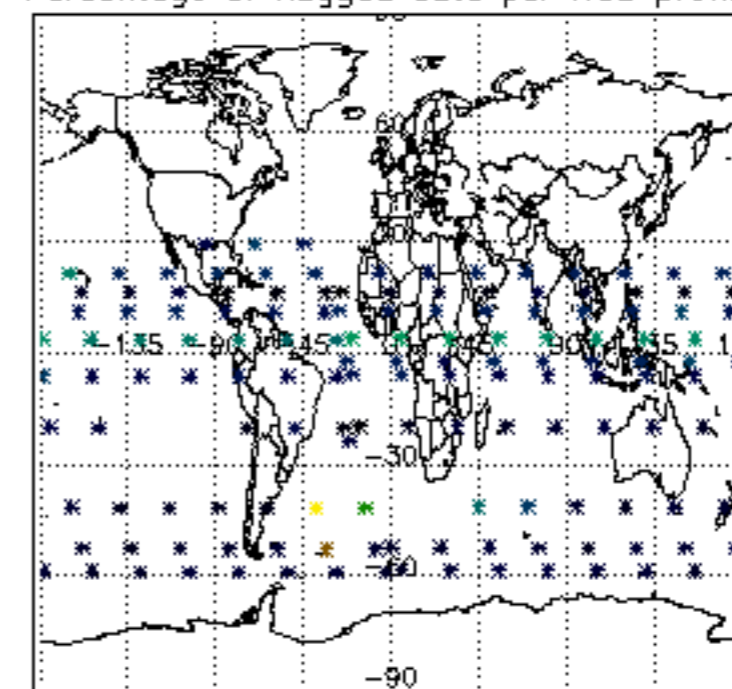
Percentage of flagged data per H2O profile

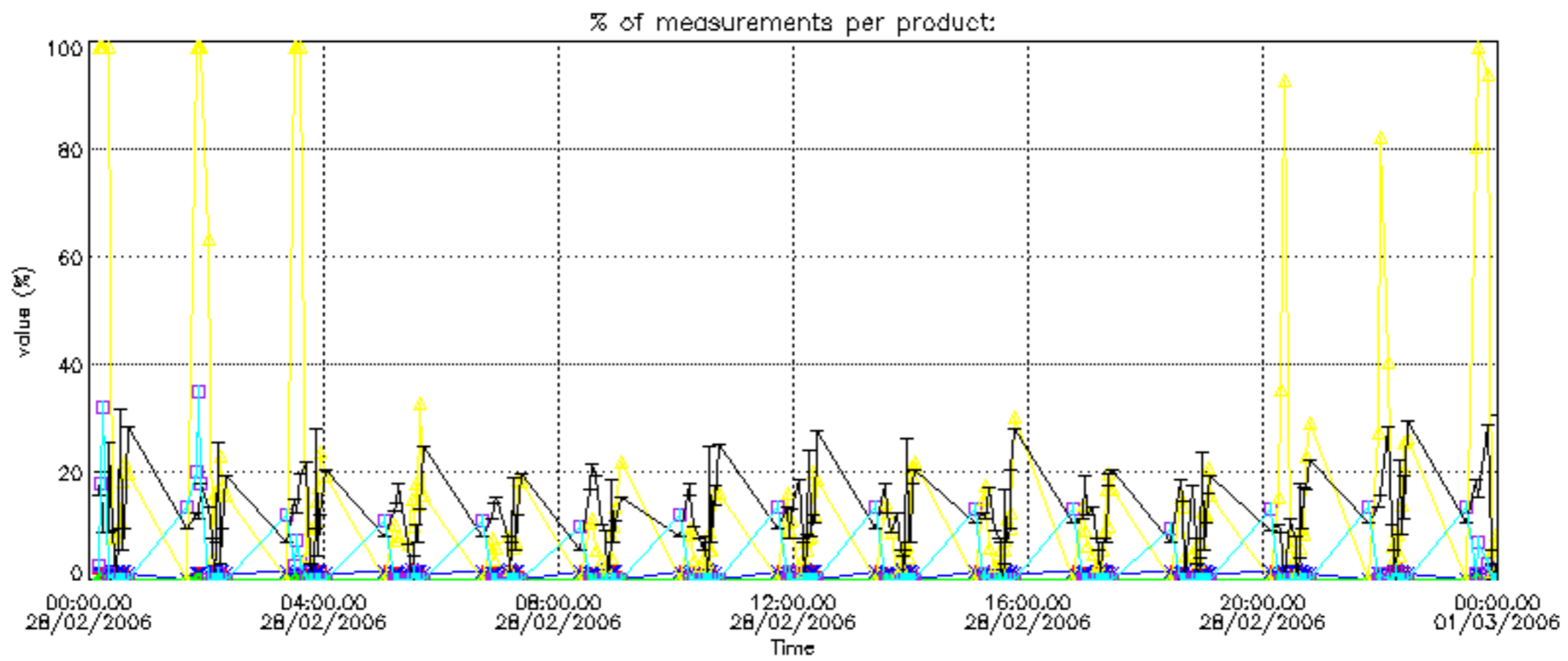


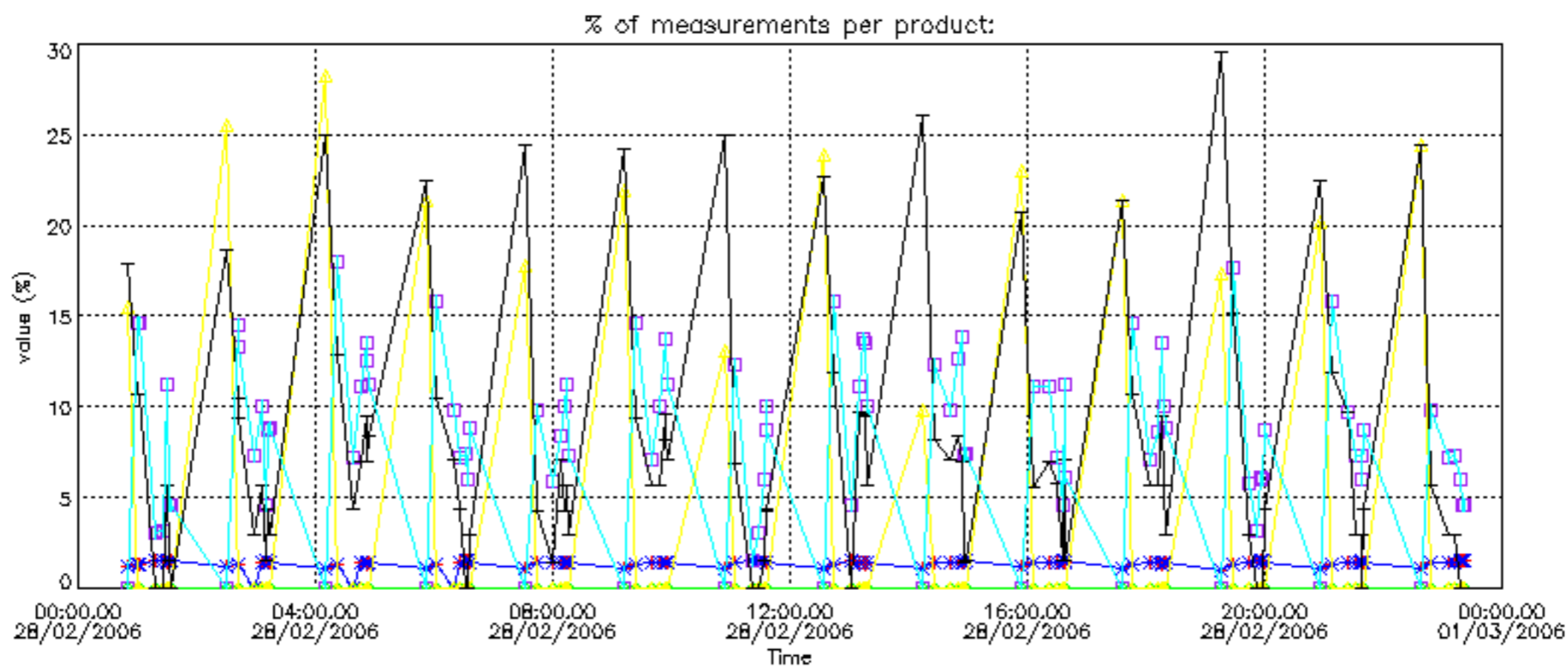
Percentage of flagged data per NO2 profile



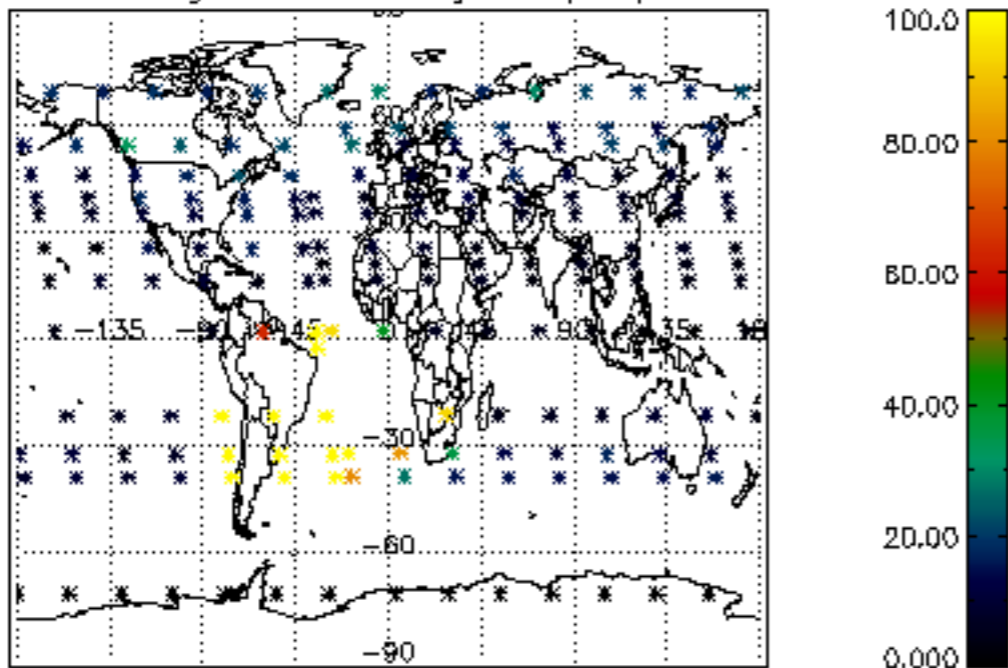
Percentage of flagged data per NO3 profile



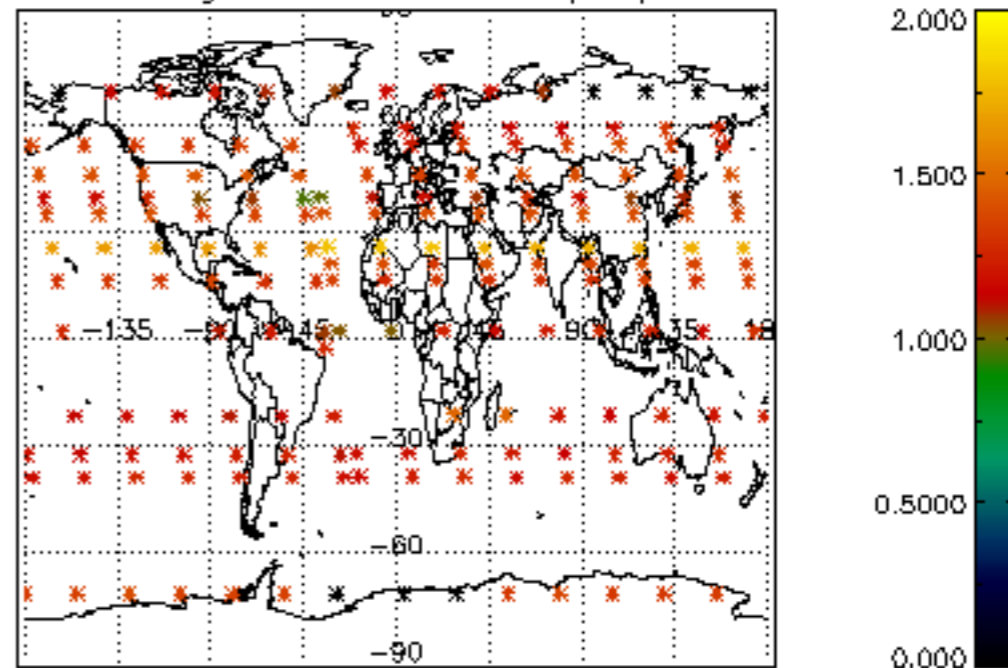




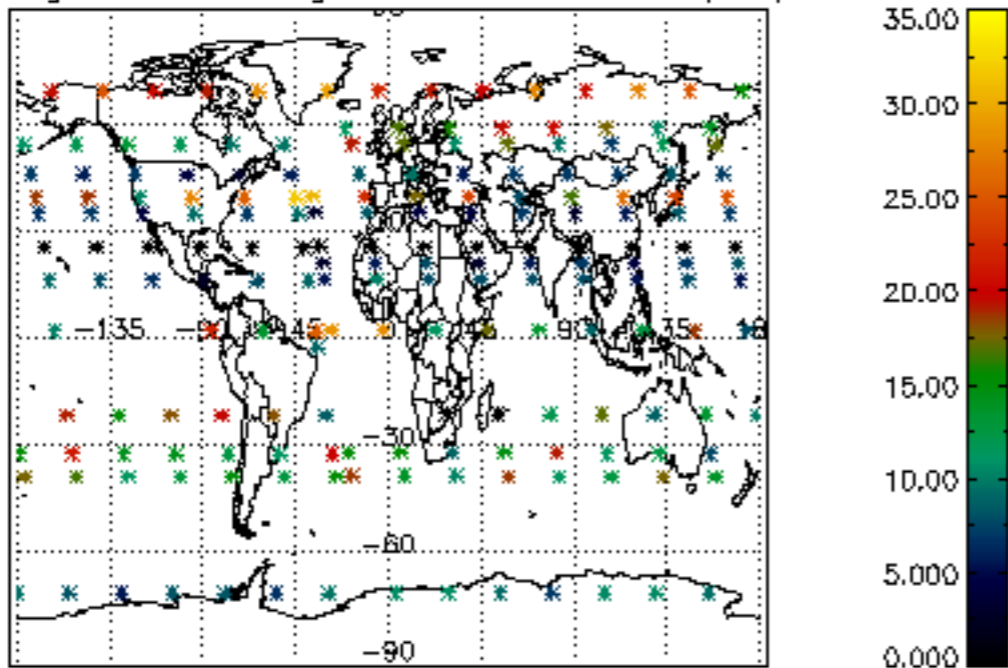
Percentage of cosmic ray hits per profile



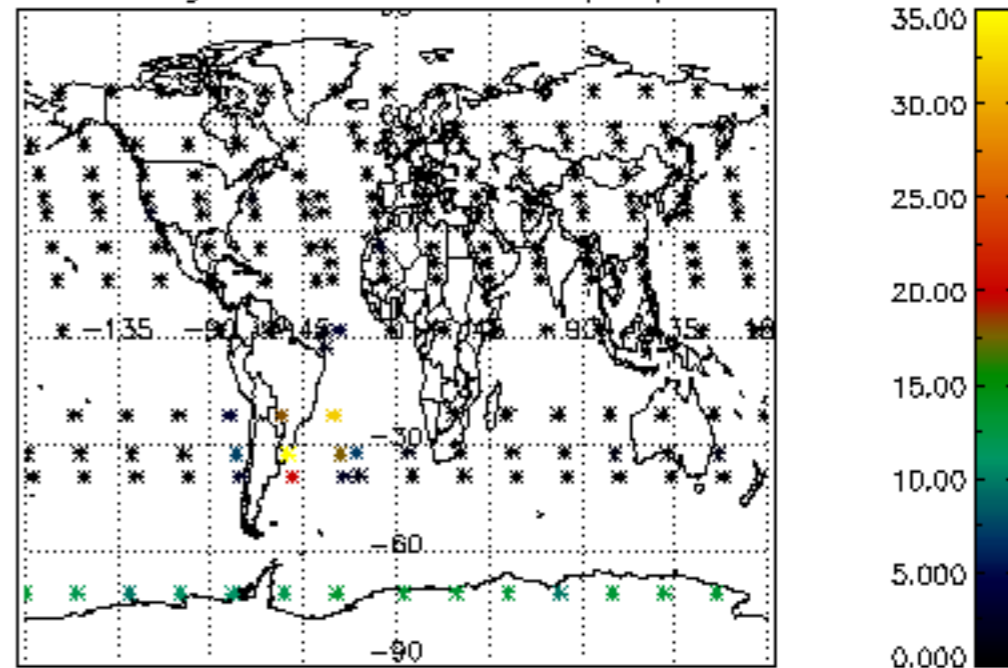
Percentage of datation errors per profile



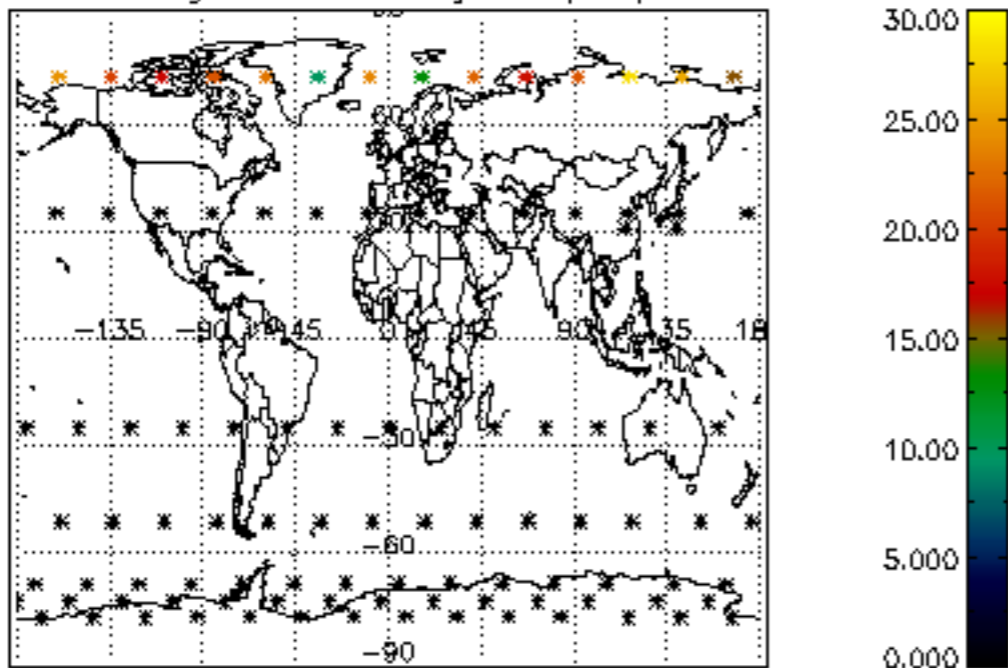
Percentage of star falling outside central band per profile



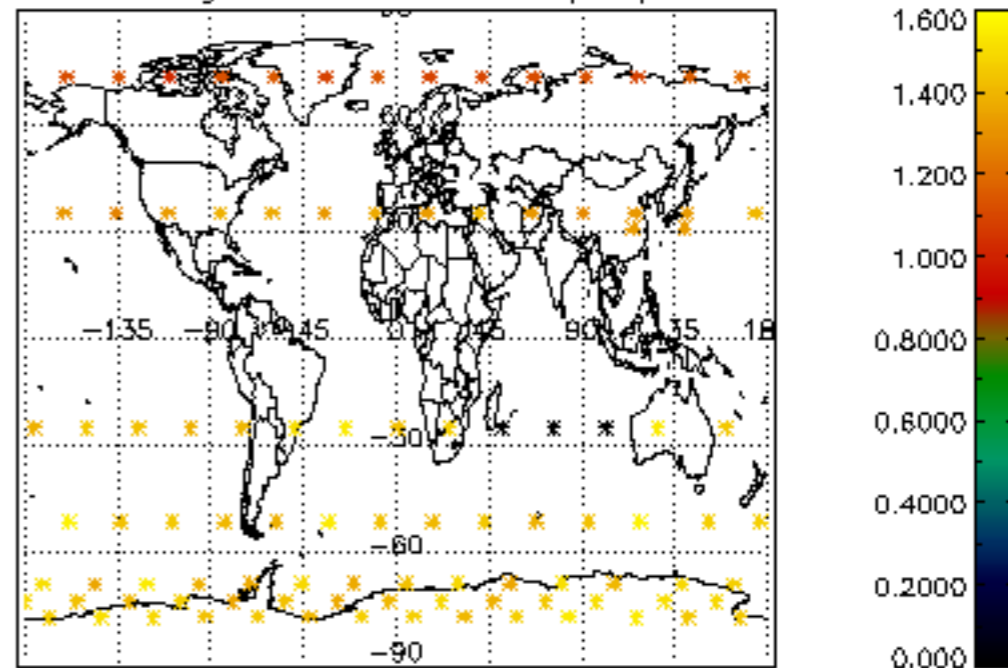
Percentage of saturation errors per profile



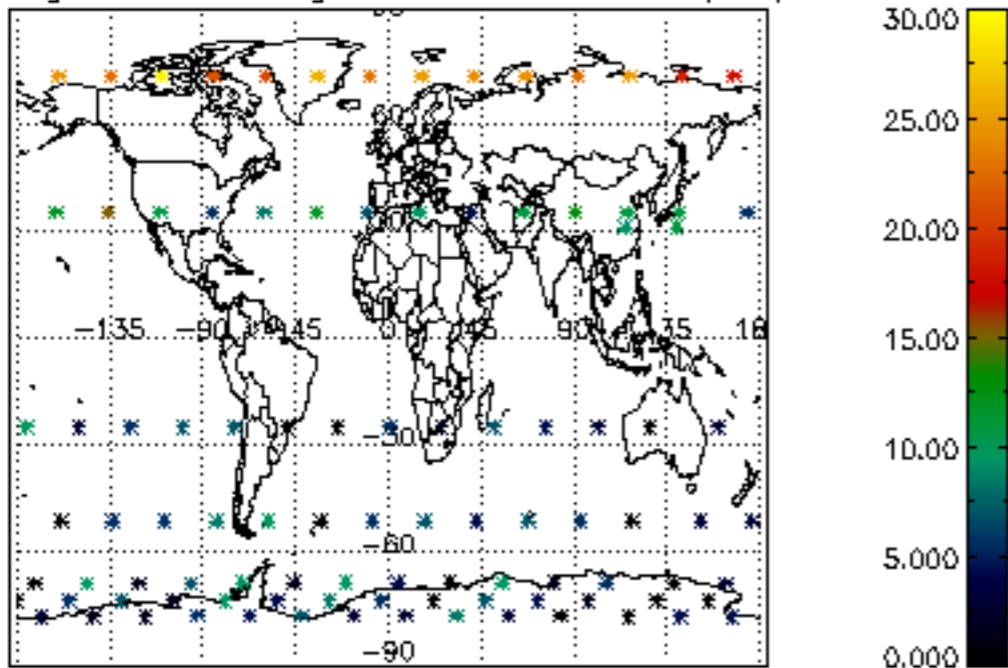
Percentage of cosmic ray hits per profile



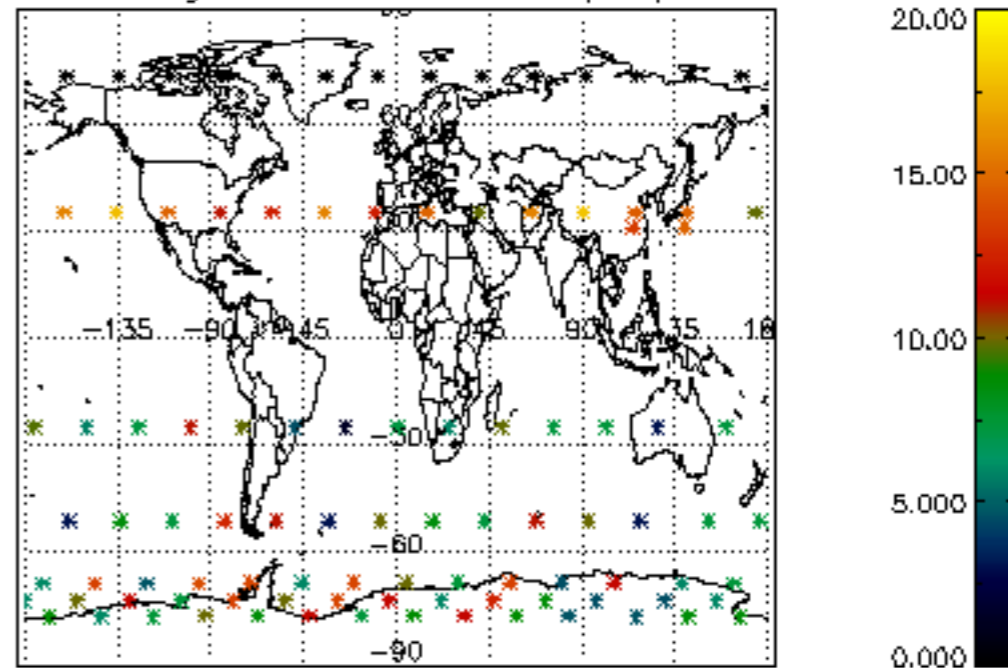
Percentage of datation errors per profile

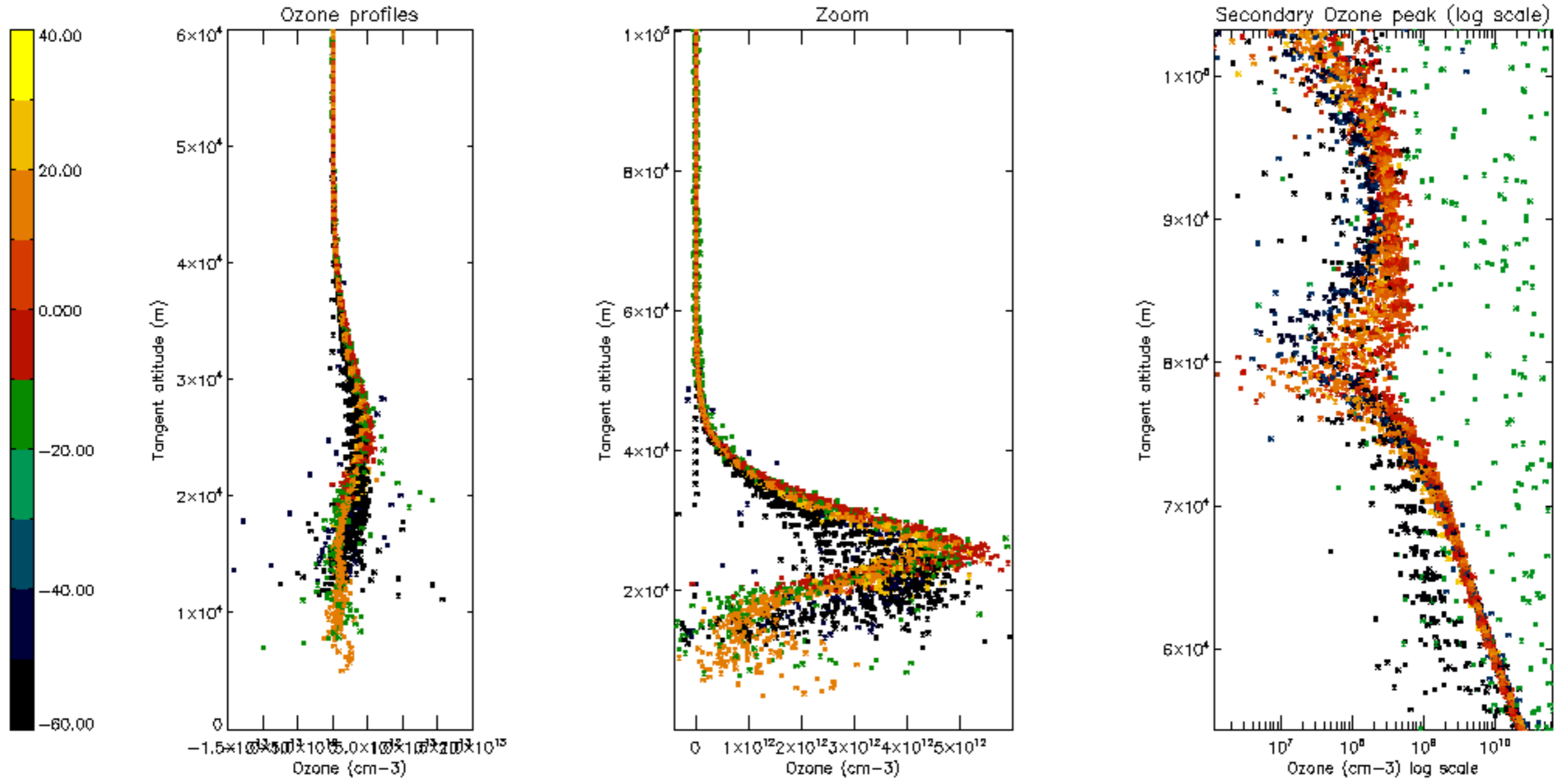


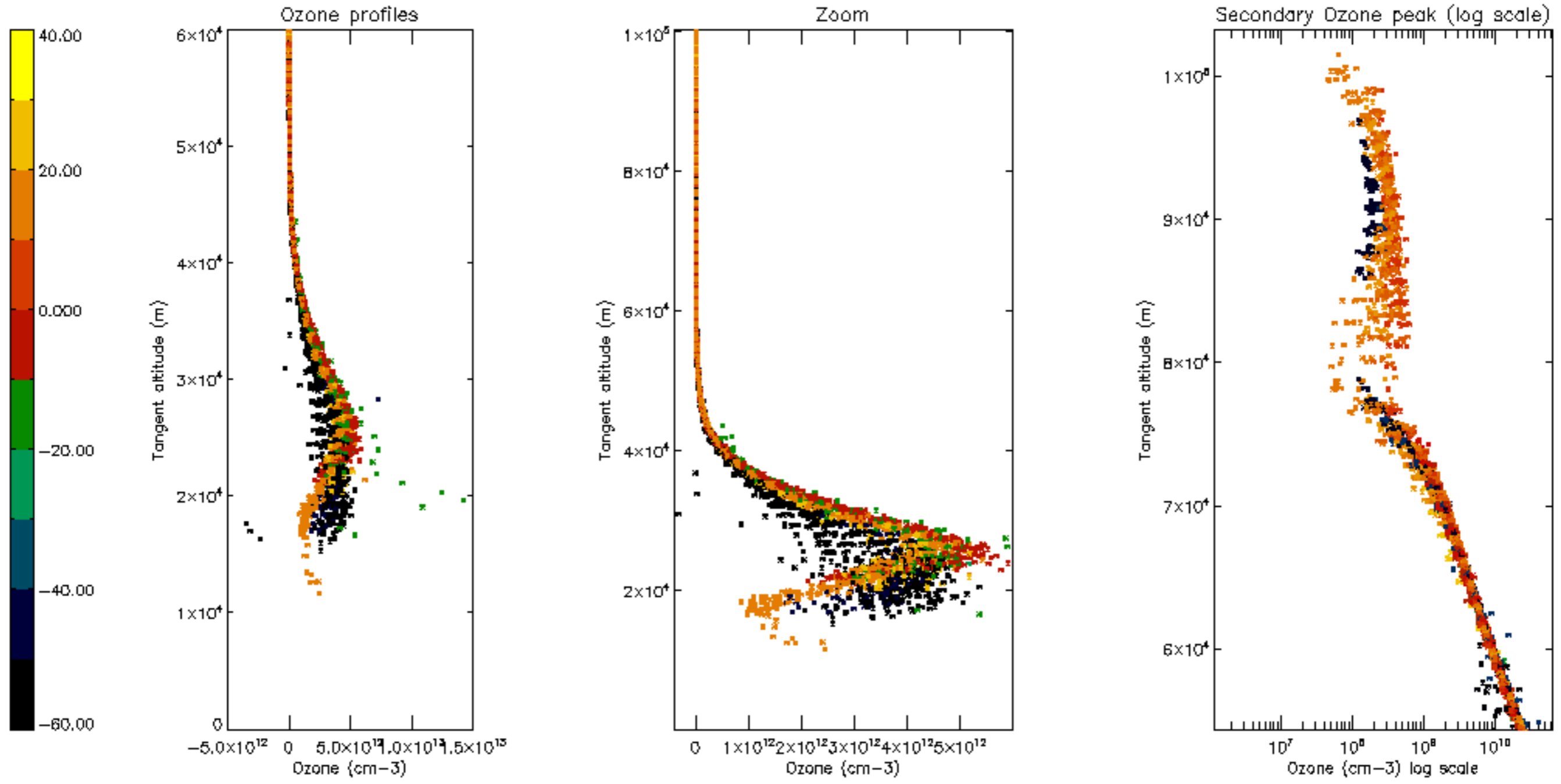
Percentage of star falling outside central band per profile

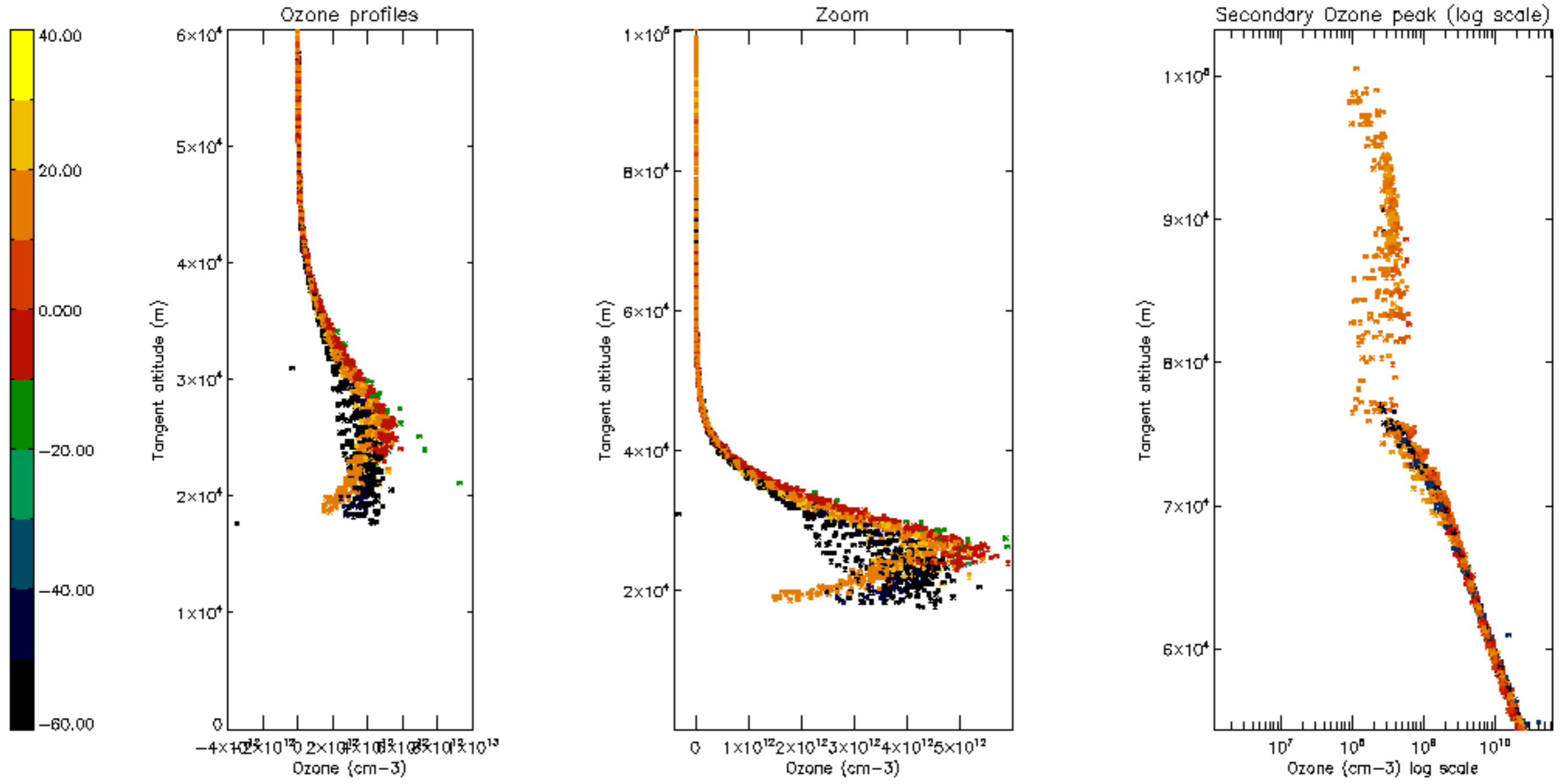


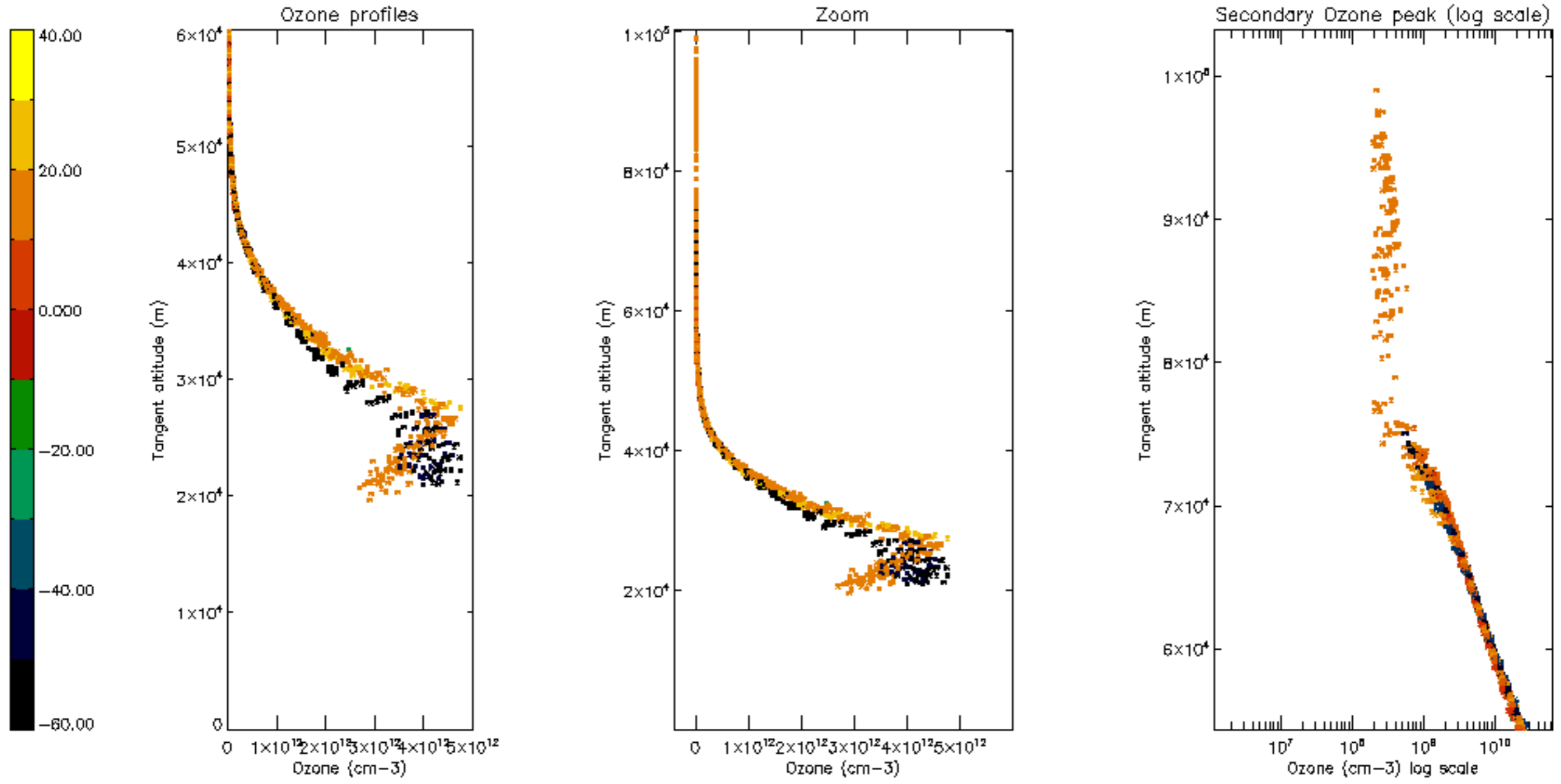
Percentage of saturation errors per profile

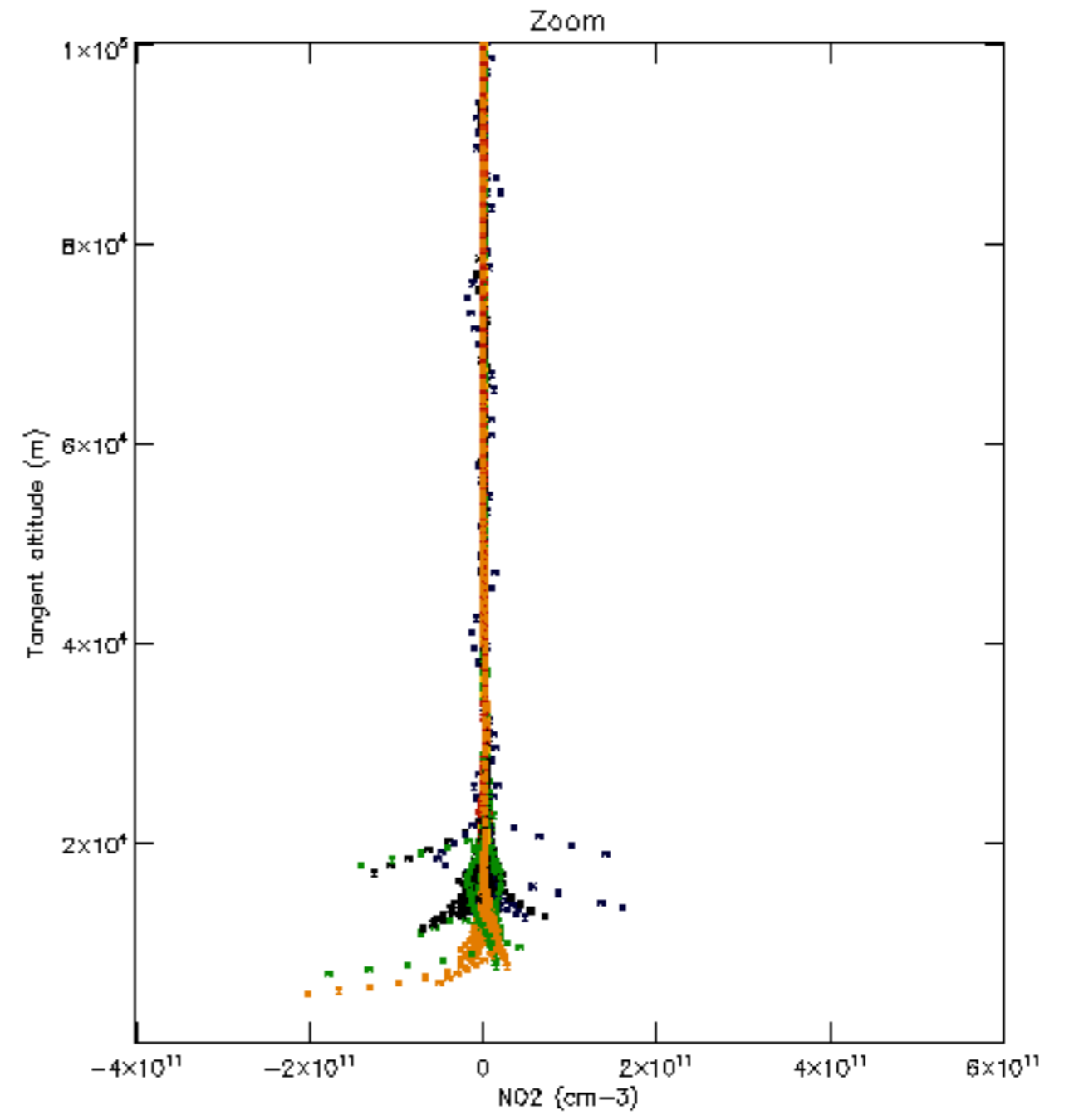
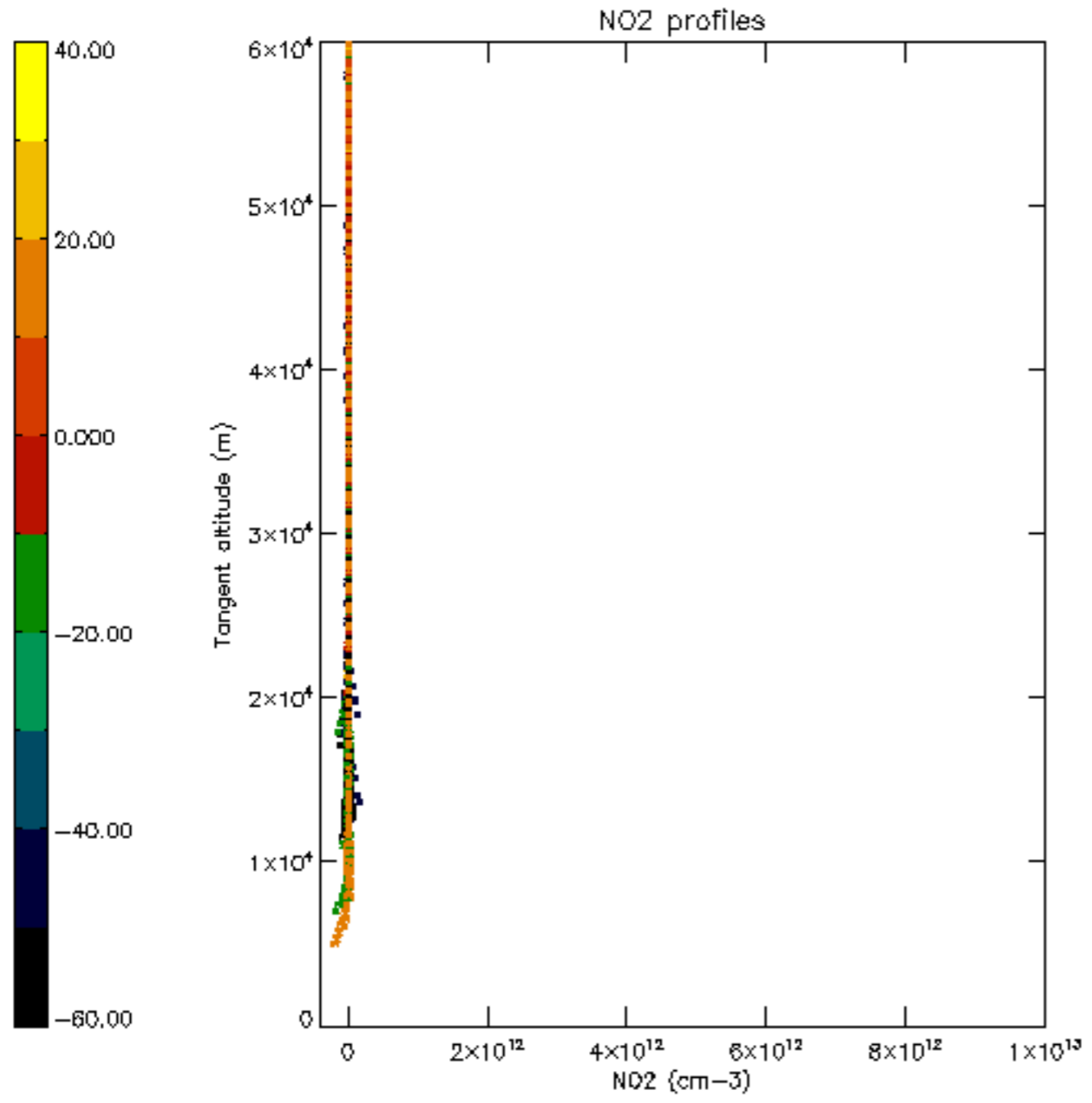


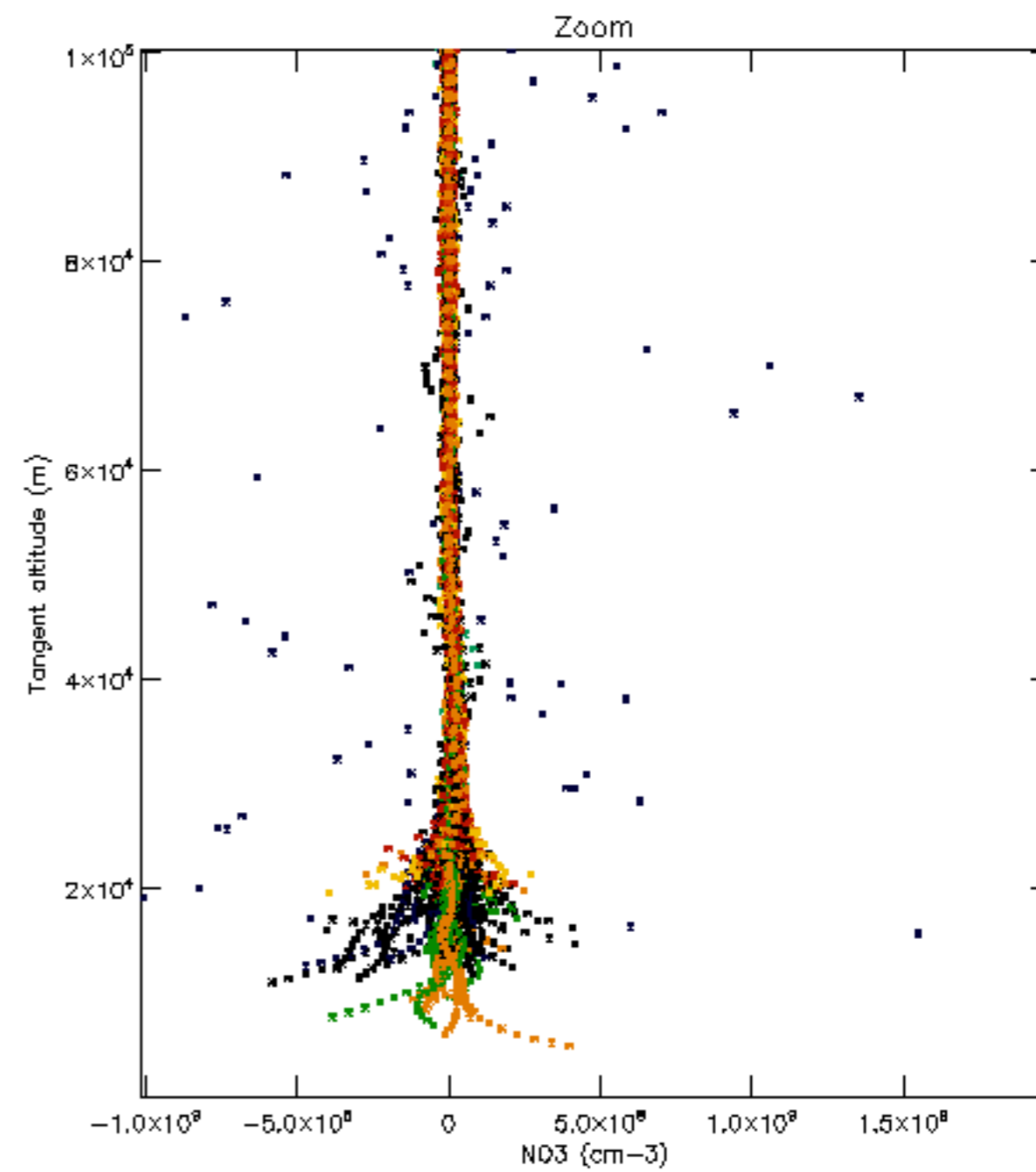
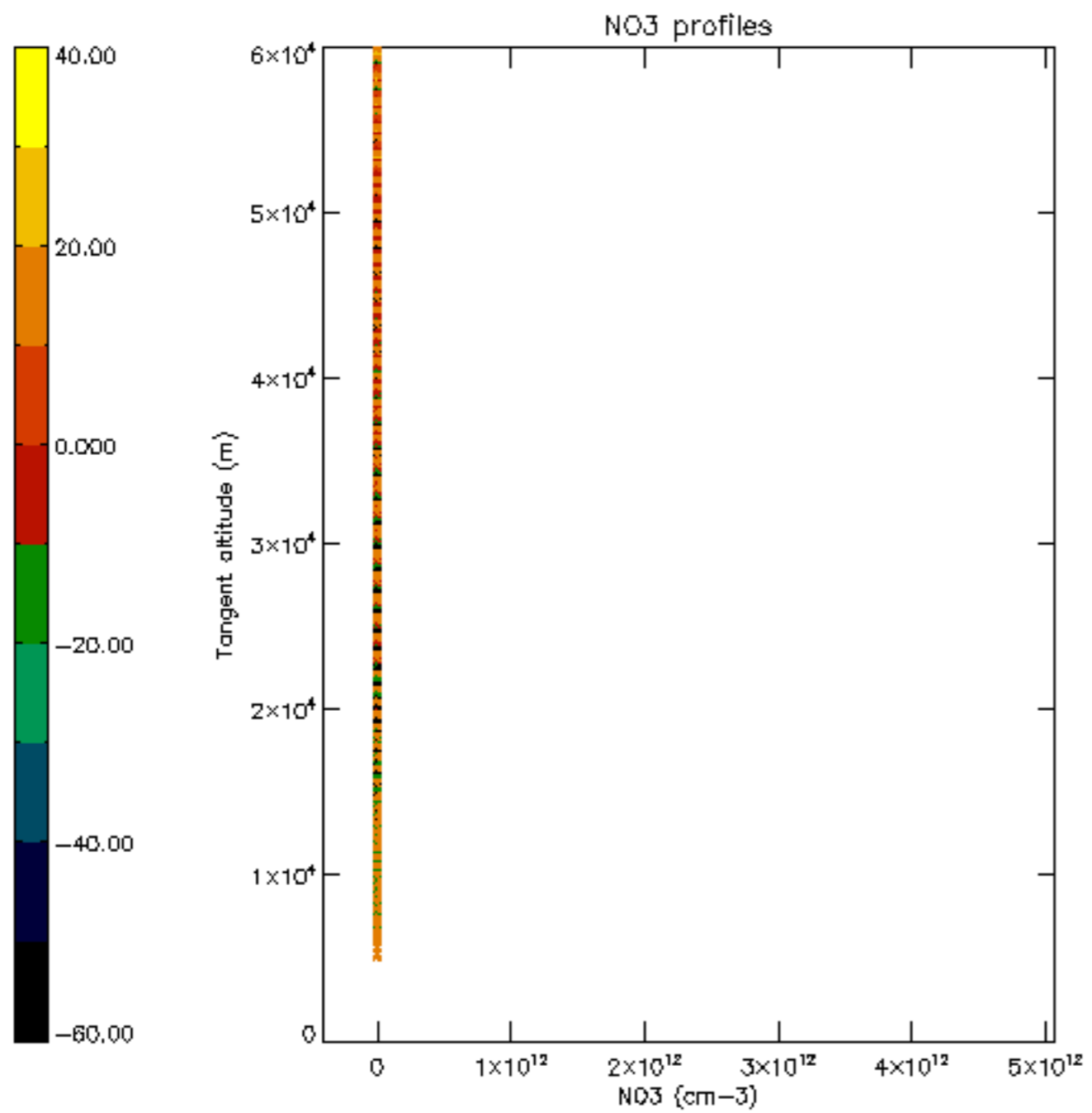


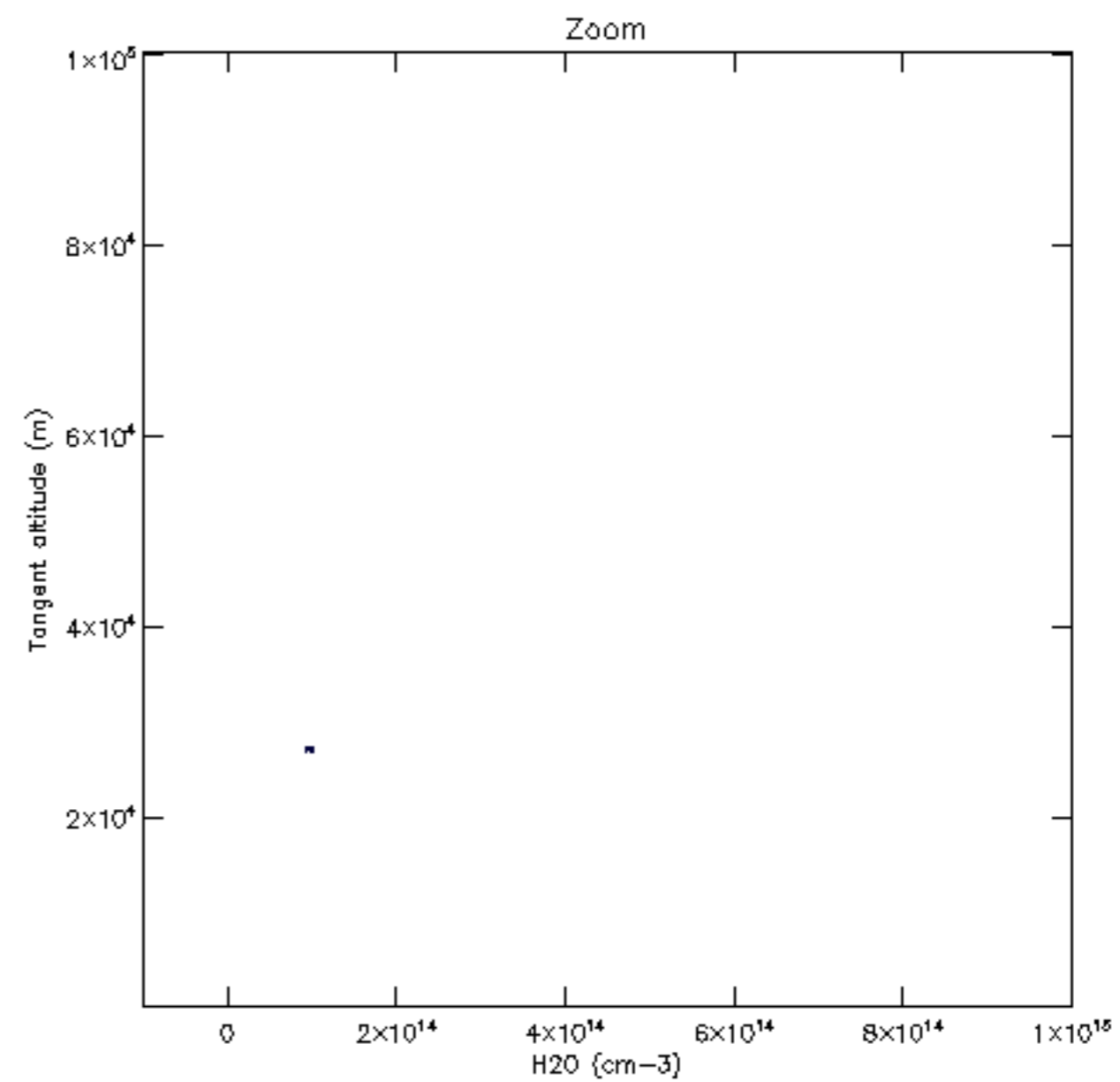
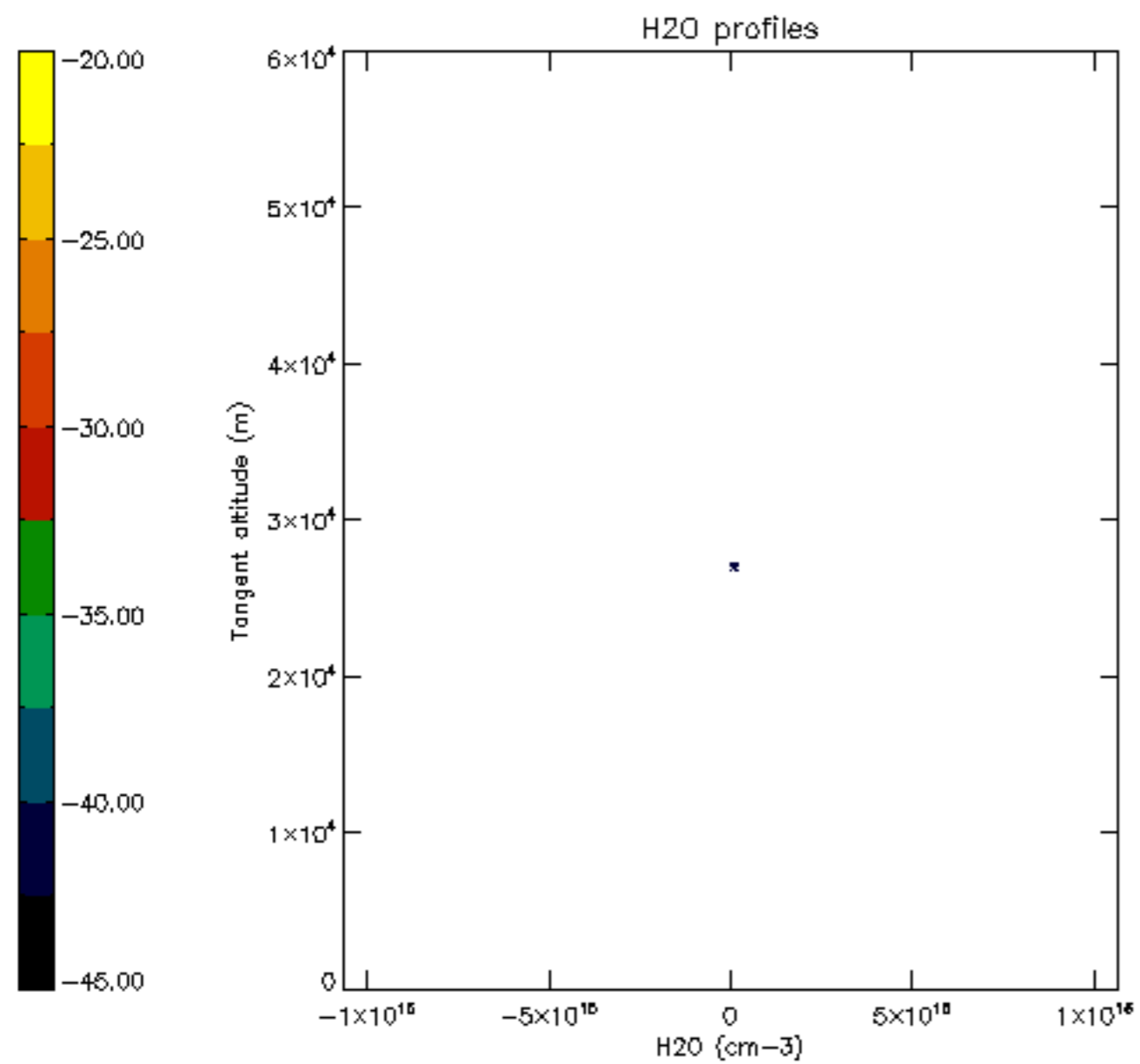


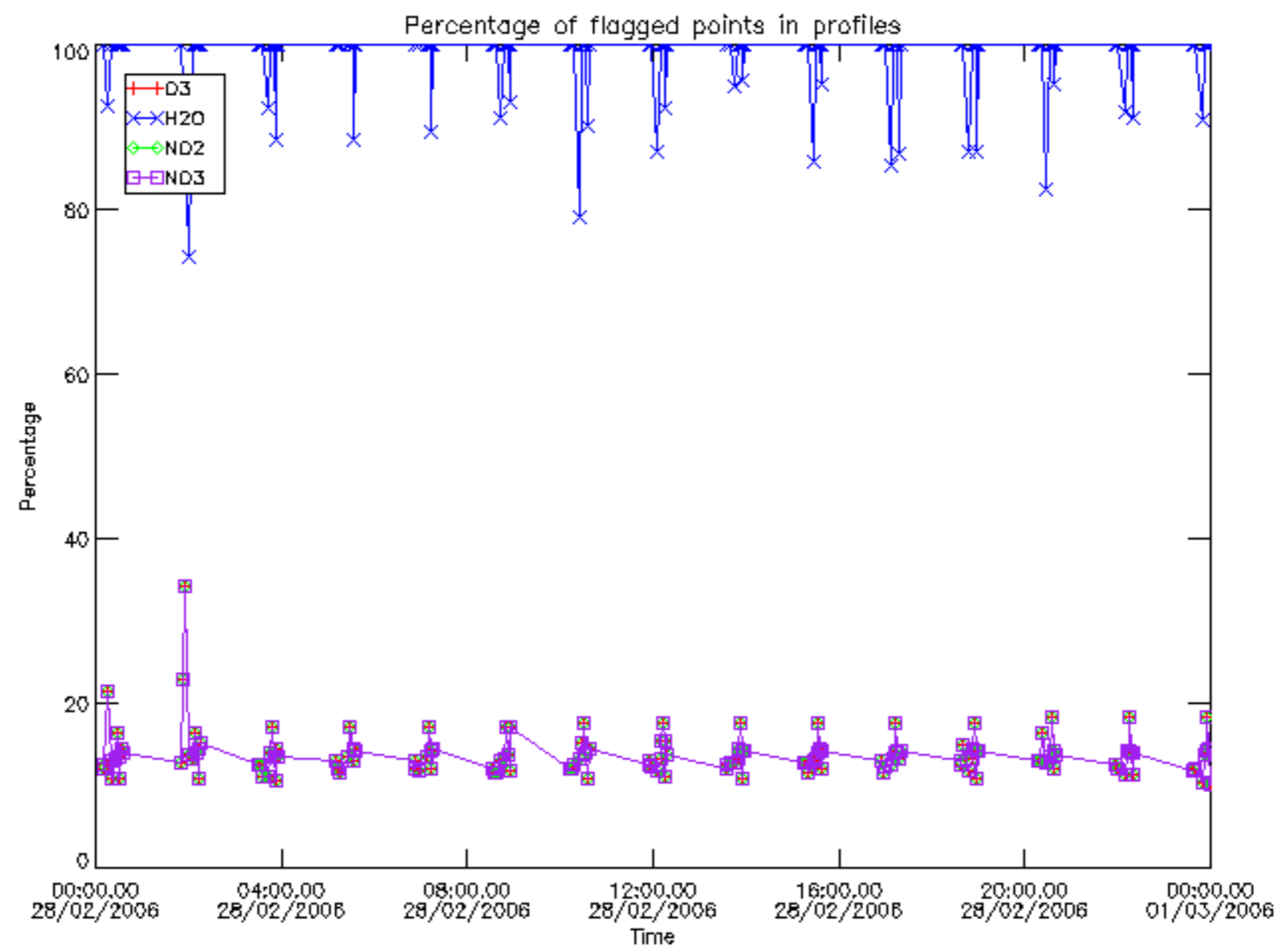




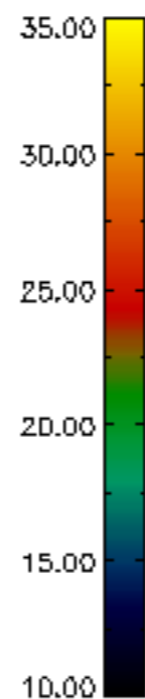
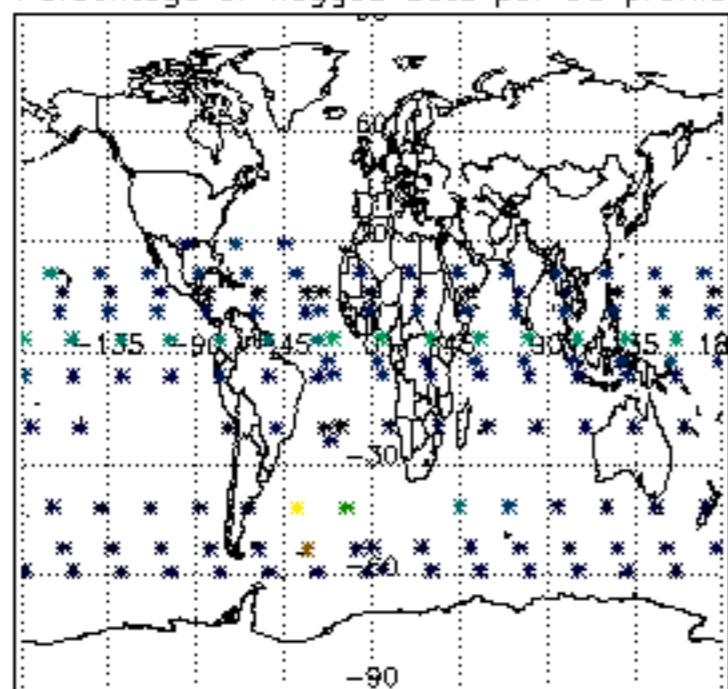




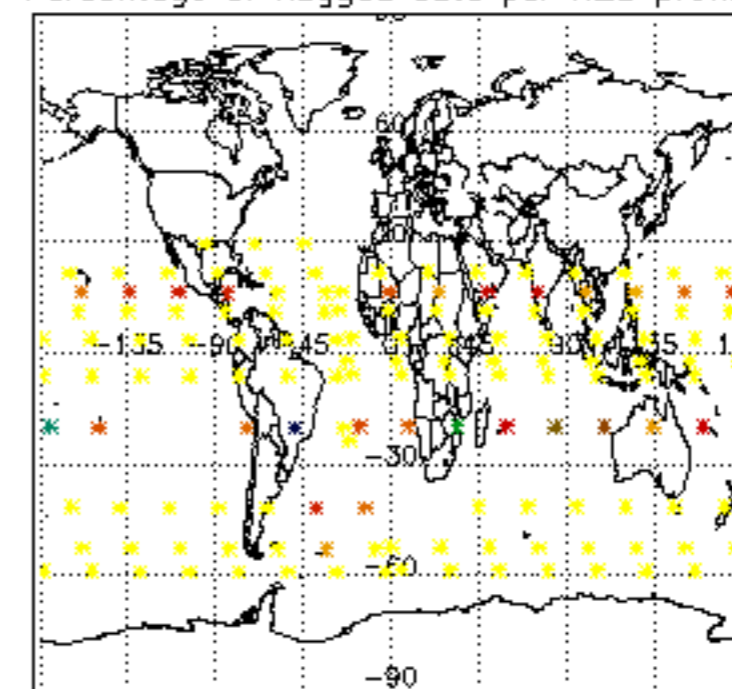




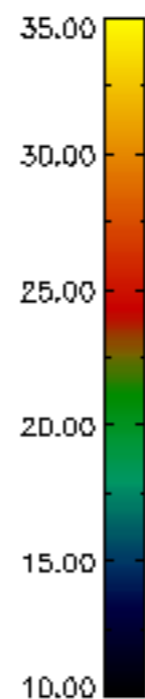
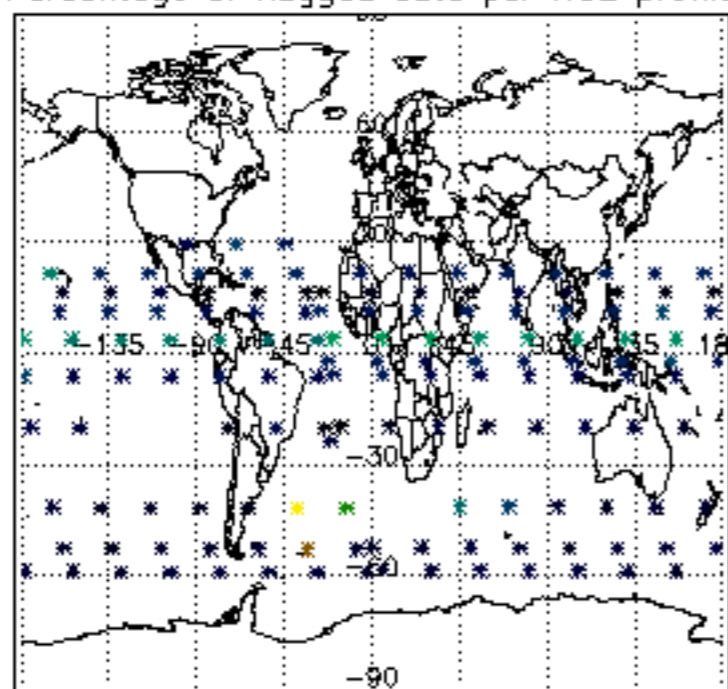
Percentage of flagged data per D3 profile



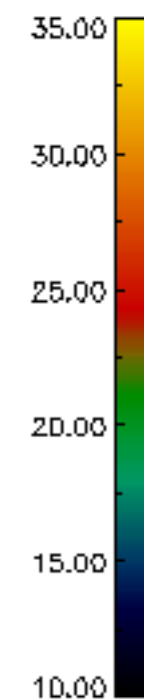
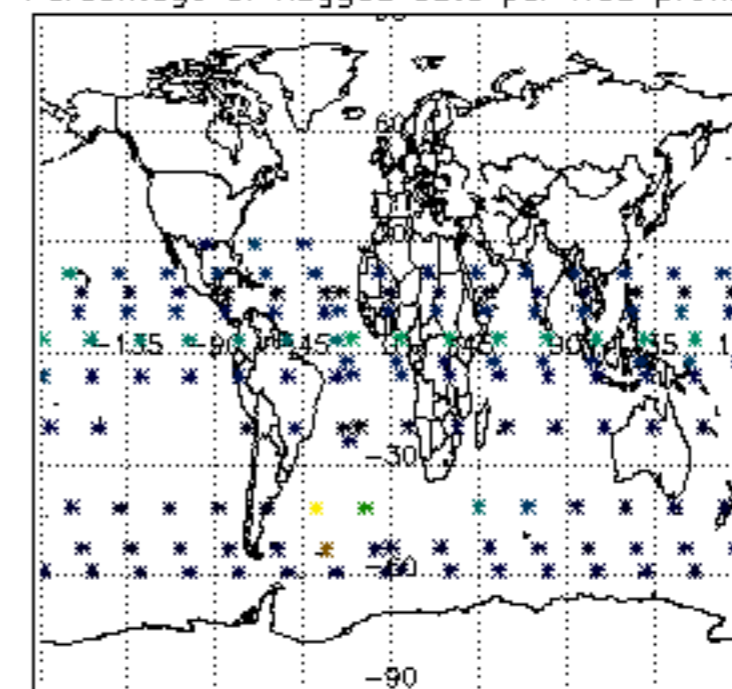
Percentage of flagged data per H2O profile

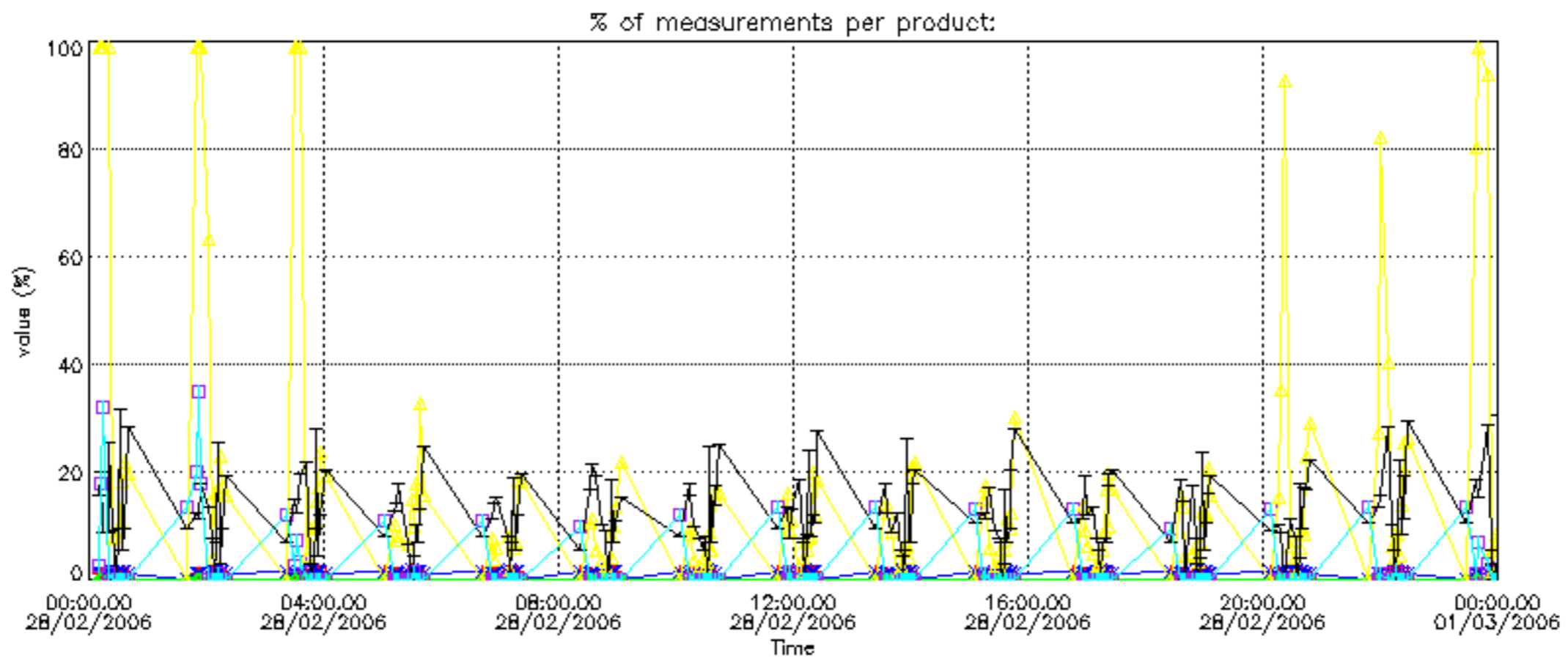


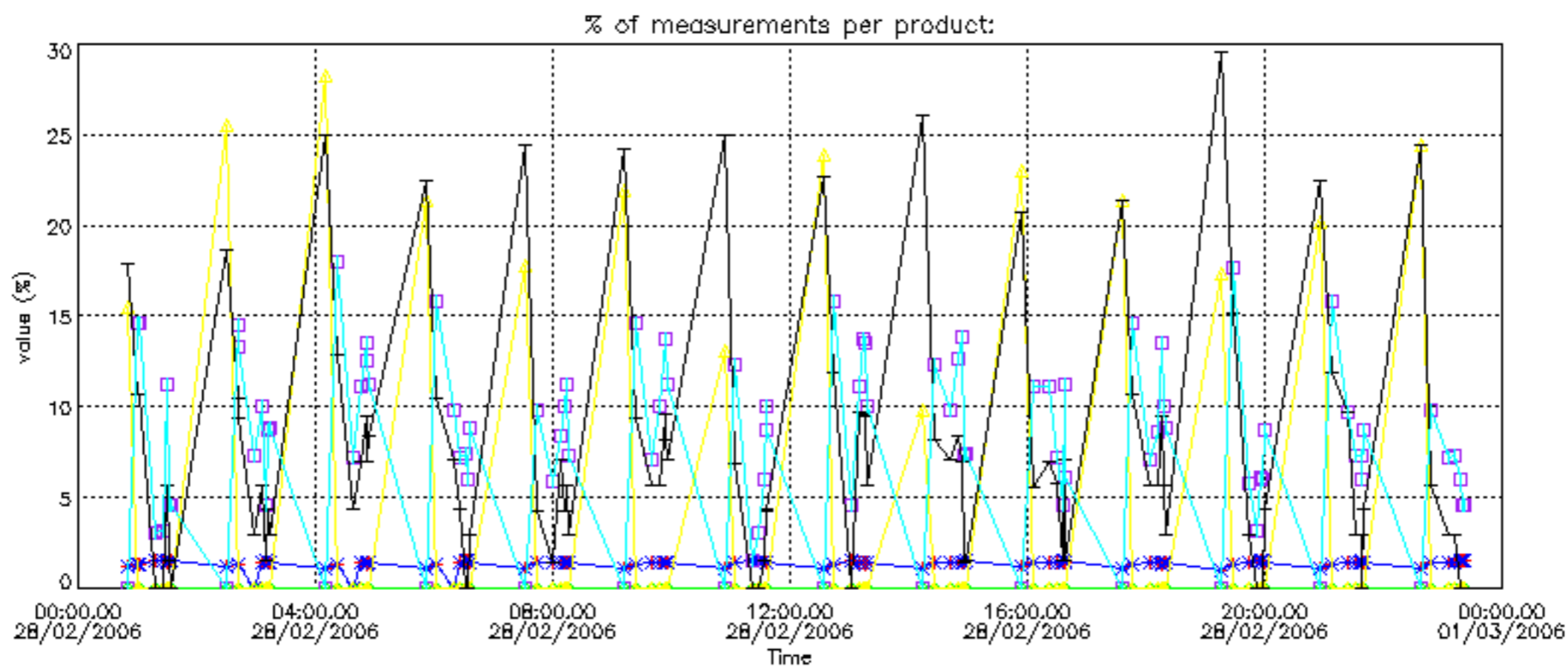
Percentage of flagged data per NO2 profile



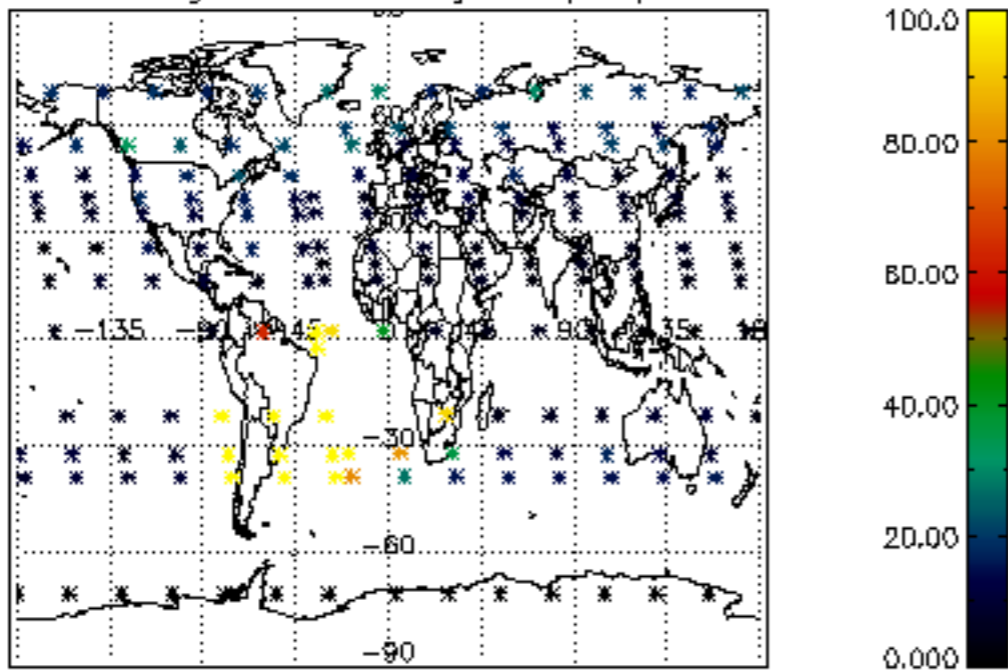
Percentage of flagged data per NO3 profile



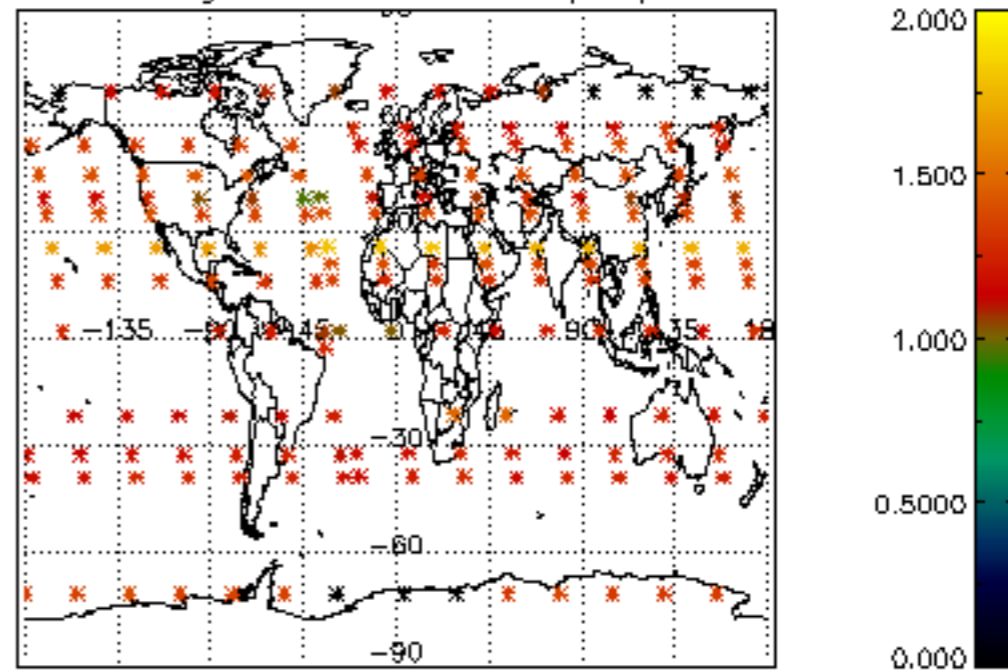




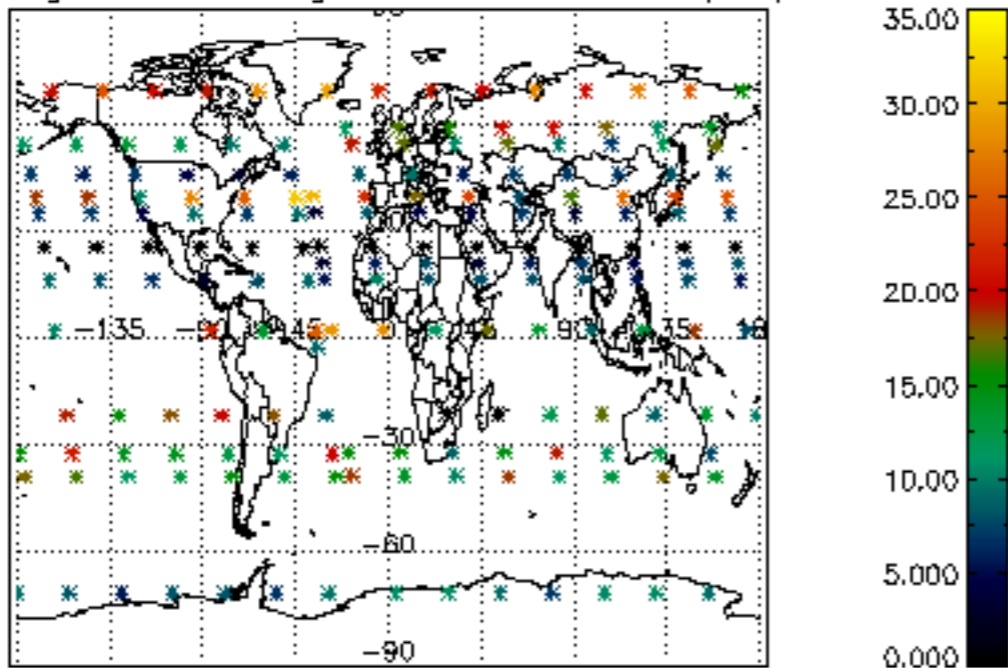
Percentage of cosmic ray hits per profile



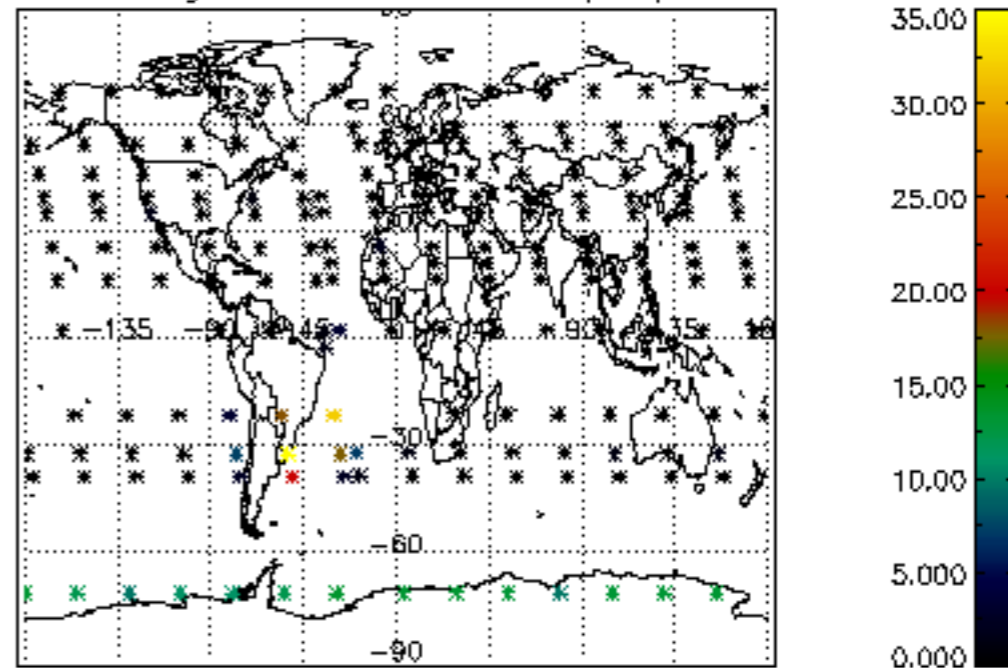
Percentage of datation errors per profile



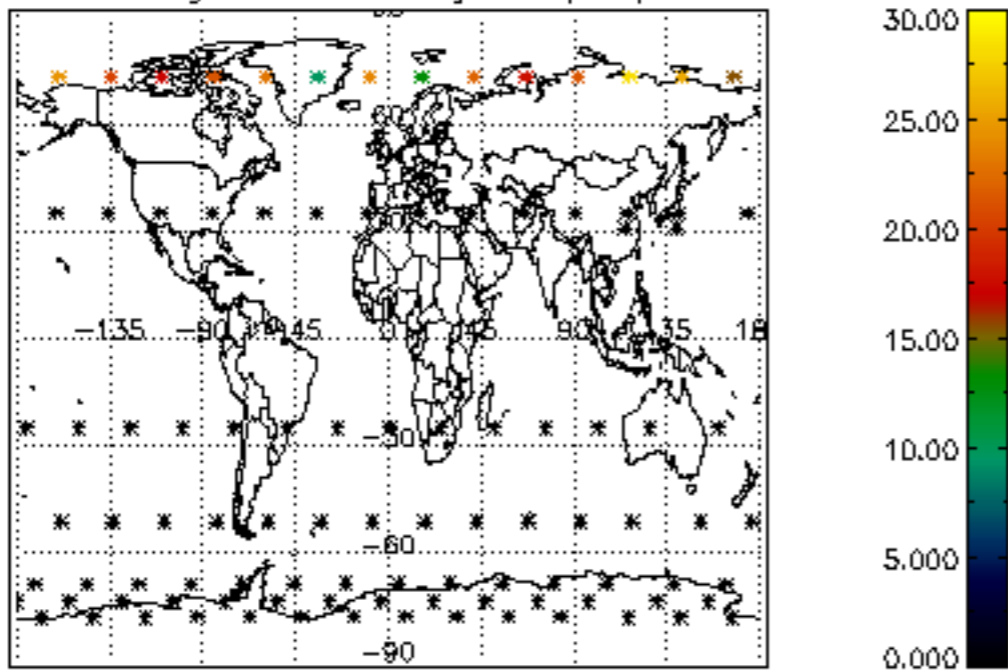
Percentage of star falling outside central band per profile



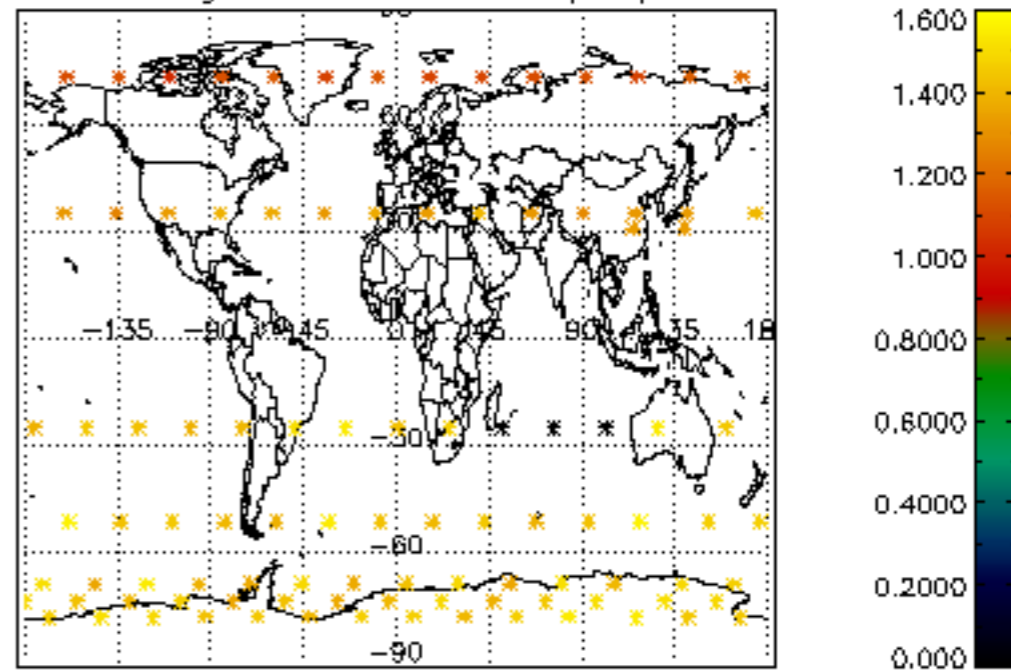
Percentage of saturation errors per profile



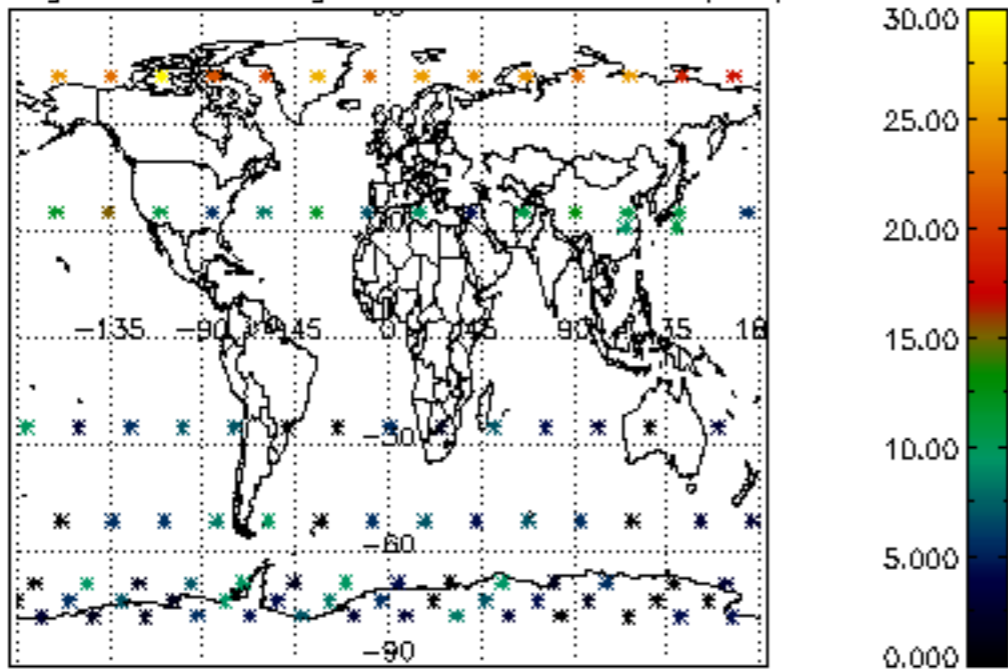
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

