

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 06:37:58
Data source version	GOMOS/6.01
Start time of products	17-12-2006 (17DEC2006 00:00:00)
Stop time of products	18-12-2006 (18DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	119
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__2PRFIN20061217_000000_000000282053_00474_25077_0581.N1	17-DEC-2006 00:00:00	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	25077	No
2	GOM_NL__2PRFIN20061217_000442_000000322053_00474_25077_0582.N1	17-DEC-2006 00:04:42	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	25077	No
3	GOM_NL__2PRFIN20061217_000959_000000342053_00474_25077_0583.N1	17-DEC-2006 00:09:59	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	25077	No
4	GOM_NL__2PRFIN20061217_001155_000000332053_00474_25077_0584.N1	17-DEC-2006 00:11:55	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	25077	No
5	GOM_NL__2PRFIN20061217_001517_000000492053_00474_25077_0585.N1	17-DEC-2006 00:15:17	Bright	49.000	180	27Gam Boo	3.0400	8000.0	98	25077	No
6	GOM_NL__2PRFIN20061217_001831_000000372053_00474_25077_0586.N1	17-DEC-2006 00:18:31	Bright	37.000	83		2.3780	11000.	74	25077	No
7	GOM_NL__2PRFIN20061217_002152_000000342053_00474_25077_0587.N1	17-DEC-2006 00:21:52	Bright	33.500	111	8Eta Boo	2.6800	6000.0	67	25077	No
8	GOM_NL__2PRFIN20061217_003153_000000492053_00474_25077_0588.N1	17-DEC-2006 00:31:53	Twilight	49.000	15	67Alp Vir	0.97600	28000.	98	25077	No
9	GOM_NL__2PRFIN20061217_003523_000000392053_00474_25077_0589.N1	17-DEC-2006 00:35:23	Dark	38.500	169	46Gam Hya	2.9910	4700.0	77	25077	No
10	GOM_NL__2PRFIN20061217_003659_000000362053_00474_25077_0590.N1	17-DEC-2006 00:36:59	Dark	35.500	54	5The Cen	2.0550	4500.0	71	25077	No
11	GOM_NL__2PRFIN20061217_003835_000000342053_00474_25077_0591.N1	17-DEC-2006 00:38:35	Dark	34.000	123	1ot Cen	2.7500	10200.	68	25077	No
12	GOM_NL__2PRFIN20061217_004242_000000352053_00474_25077_0592.N1	17-DEC-2006 00:42:42	Dark	35.000	64	Gam Cen	2.2000	10600.	70	25077	No
13	GOM_NL__2PRFIN20061217_004420_000000352053_00475_25078_0566.N1	17-DEC-2006 00:44:20	Dark	34.500	99	Del Cen	2.5750	26000.	69	25078	No
14	GOM_NL__2PRFIN20061217_004814_000000382053_00475_25078_0567.N1	17-DEC-2006 00:48:14	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	25078	No
15	GOM_NL__2PRFIN20061217_005035_000000342053_00475_25078_0568.N1	17-DEC-2006 00:50:35	Dark	34.000	159	Ups Car	2.9200	7200.0	68	25078	No
16	GOM_NL__2PRFIN20061217_005158_000000362053_00475_25078_0569.N1	17-DEC-2006 00:51:58	Dark	35.500	71	1ot Car	2.2460	7700.0	71	25078	No
17	GOM_NL__2PRFIN20061217_005639_000000412053_00475_25078_0570.N1	17-DEC-2006 00:56:39	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	25078	No
18	GOM_NL__2PRFIN20061217_005843_000000362053_00475_25078_0571.N1	17-DEC-2006 00:58:43	Dark	36.000	2	Alp Car	-0.73600	7000.0	72	25078	No
19	GOM_NL__2PRFIN20061217_010443_000000352053_00475_25078_0572.N1	17-DEC-2006 01:04:43	Straylight	35.000	108	Alp Col	2.6520	15200.	70	25078	No
20	GOM_NL__2PRFIN20061217_010941_000000402053_00475_25078_0573.N1	17-DEC-2006 01:09:41	Straylight	40.000	101	11Alp Lep	2.5820	7000.0	80	25078	No
21	GOM_NL__2PRFIN20061217_011244_000000482053_00475_25078_0574.N1	17-DEC-2006 01:12:44	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	25078	No
22	GOM_NL__2PRFIN20061217_011459_000000382053_00475_25078_0575.N1	17-DEC-2006 01:14:59	Straylight	38.000	30	46Eps Ori	1.6940	30000.	76	25078	No
23	GOM_NL__2PRFIN20061217_011719_000000382053_00475_25078_0576.N1	17-DEC-2006 01:17:19	Twilight	38.000	27	24Gam Ori	1.6360	26000.	76	25078	No
24	GOM_NL__2PRFIN20061217_012003_000000432053_00475_25078_0577.N1	17-DEC-2006 01:20:03	Twilight	43.000	13	87Alp Tau	0.86700	3800.0	86	25078	No
25	GOM_NL__2PRFIN20061217_012425_000000312053_00475_25078_0578.N1	17-DEC-2006 01:24:25	Bright	30.500	150	44Zet Per	2.8900	28000.	61	25078	No
26	GOM_NL__2PRFIN20061217_012642_000000292053_00475_25078_0579.N1	17-DEC-2006 01:26:42	Bright	28.500	149	45Eps Per	2.8880	30000.	57	25078	No
27	GOM_NL__2PRFIN20061217_012854_000000292053_00475_25078_0580.N1	17-DEC-2006 01:28:54	Bright	28.500	175	39Del Per	3.0100	19400.	57	25078	No
28	GOM_NL__2PRFIN20061217_014036_000000302053_00475_25078_0581.N1	17-DEC-2006 01:40:36	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	25078	No
29	GOM_NL__2PRFIN20061217_014518_000000332053_00475_25078_0582.N1	17-DEC-2006 01:45:18	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	25078	No
30	GOM_NL__2PRFIN20061217_015034_000000332053_00475_25078_0583.N1	17-DEC-2006 01:50:34	Bright	33.000	55	79Zet UMa	2.0600	10200.	66	25078	No
31	GOM_NL__2PRFIN20061217_015231_000000342053_00475_25078_0584.N1	17-DEC-2006 01:52:31	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	25078	No
32	GOM_NL__2PRFIN20061217_015553_000000302053_00475_25078_0585.N1	17-DEC-2006 01:55:53	Bright	29.500	180	27Gam Boo	3.0400	8000.0	59	25078	No
33	GOM_NL__2PRFIN20061217_015906_000000302053_00475_25078_0586.N1	17-DEC-2006 01:59:06	Bright	29.500	83		2.3780	11000.	59	25078	No
34	GOM_NL__2PRFIN20061217_020228_000000342053_00475_25078_0587.N1	17-DEC-2006 02:02:28	Bright	34.000	111	8Eta Boo	2.6800	6000.0	68	25078	No
35	GOM_NL__2PRFIN20061217_021230_000000462053_00475_25078_0588.N1	17-DEC-2006 02:12:30	Twilight	45.500	15	67Alp Vir	0.97600	28000.	91	25078	No
36	GOM_NL__2PRFIN20061217_021600_000000422053_00475_25078_0589.N1	17-DEC-2006 02:16:00	Dark	42.000	169	46Gam Hya	2.9910	4700.0	84	25078	No
37	GOM_NL__2PRFIN20061217_021735_000000362053_00475_25078_0590.N1	17-DEC-2006 02:17:35	Dark	35.500	54	5The Cen	2.0550	4500.0	71	25078	No
38	GOM_NL__2PRFIN20061217_021911_000000342053_00475_25078_0591.N1	17-DEC-2006 02:19:11	Dark	34.000	123	1ot Cen	2.7500	10200.	68	25078	No
39	GOM_NL__2PRFIN20061217_022318_000000352053_00475_25078_0592.N1	17-DEC-2006 02:23:18	Dark	34.500	64	Gam Cen	2.2000	10600.	69	25078	No
40	GOM_NL__2PRFIN20061217_022457_000000362053_00476_25079_0566.N1	17-DEC-2006 02:24:57	Dark	35.500	99	Del Cen	2.5750	26000.	71	25079	No
41	GOM_NL__2PRFIN20061217_173857_000000982053_00485_25088_0572.N1	17-DEC-2006 17:38:57	Dark	98.000	41	Eps Car	1.8600	4100.0	196	25088	No
42	GOM_NL__2PRFIN20061217_174347_000001072053_00485_25088_0573.N1	17-DEC-2006 17:43:47	Dark	107.00	2	Alp Car	-0.73600	7000.0	214	25088	No

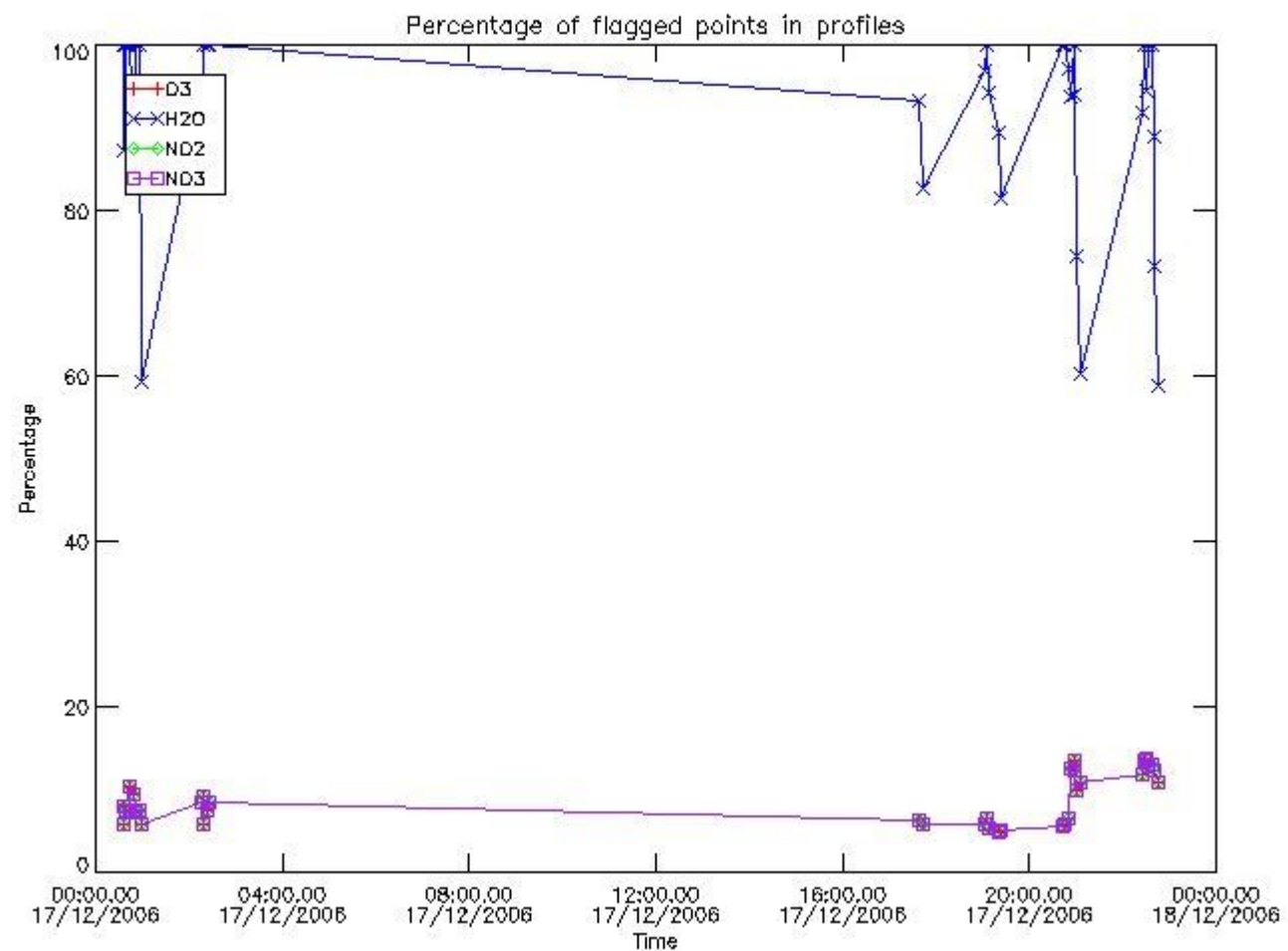
43	GOM_NL__2PRFIN20061217_174945_000000942053_00485_25088_0574.N1	17-DEC-2006 17:49:45	Straylight	93.500	108	Alp Col	2.6520	15200.	187	25088	No
44	GOM_NL__2PRFIN20061217_175349_000000992053_00485_25088_0575.N1	17-DEC-2006 17:53:49	Straylight	98.500	139	9Bet Lep	2.8330	5600.0	197	25088	No
45	GOM_NL__2PRFIN20061217_175743_000000952053_00485_25088_0576.N1	17-DEC-2006 17:57:43	Straylight	95.000	7	19Bet Ori	0.10000	14000.	190	25088	No
46	GOM_NL__2PRFIN20061217_180504_000001062053_00485_25088_0577.N1	17-DEC-2006 18:05:04	Tw_i_and_stray	106.00	13	87Alp Tau	0.86700	3800.0	212	25088	No
47	GOM_NL__2PRFIN20061217_180721_000000872053_00485_25088_0578.N1	17-DEC-2006 18:07:21	Bright	86.500	146	25Eta Tau	2.8730	15200.	173	25088	No
48	GOM_NL__2PRFIN20061217_180929_000000852053_00485_25088_0579.N1	17-DEC-2006 18:09:29	Bright	85.000	150	44Zet Per	2.8900	28000.	170	25088	No
49	GOM_NL__2PRFIN20061217_181358_000000852053_00485_25088_0580.N1	17-DEC-2006 18:13:58	Bright	85.000	175	39Del Per	3.0100	19400.	170	25088	No
50	GOM_NL__2PRFIN20061217_182538_000000882053_00485_25088_0581.N1	17-DEC-2006 18:25:38	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	25088	No
51	GOM_NL__2PRFIN20061217_183019_000001052053_00485_25088_0582.N1	17-DEC-2006 18:30:19	Bright	105.00	60	7Bet UMi	2.0810	3950.0	210	25088	No
52	GOM_NL__2PRFIN20061217_183340_000000832053_00485_25088_0583.N1	17-DEC-2006 18:33:40	Bright	83.000	119	14Eta Dra	2.7270	4700.0	166	25088	No
53	GOM_NL__2PRFIN20061217_184053_000000912053_00485_25088_0584.N1	17-DEC-2006 18:40:53	Bright	90.500	180	27Gam Boo	3.0400	8000.0	181	25088	No
54	GOM_NL__2PRFIN20061217_184409_000000892053_00485_25088_0585.N1	17-DEC-2006 18:44:09	Bright	89.000	83		2.3780	11000.	178	25088	No
55	GOM_NL__2PRFIN20061217_185616_000000892053_00485_25088_0586.N1	17-DEC-2006 18:56:16	Bright	89.000	122	9Alp2Lib	2.7470	9700.0	178	25088	No
56	GOM_NL__2PRFIN20061217_190241_000000962053_00485_25088_0587.N1	17-DEC-2006 19:02:41	Dark	95.500	54	5The Cen	2.0550	4500.0	191	25088	No
57	GOM_NL__2PRFIN20061217_190542_000000872053_00485_25088_0588.N1	17-DEC-2006 19:05:42	Dark	87.000	95	Zet Cen	2.5450	26000.	174	25088	No
58	GOM_NL__2PRFIN20061217_190844_000000972053_00485_25088_0589.N1	17-DEC-2006 19:08:44	Dark	96.500	10	Bet Cen	0.61000	28000.	193	25088	No
59	GOM_NL__2PRFIN20061217_191934_000001052053_00486_25089_0572.N1	17-DEC-2006 19:19:34	Dark	104.50	41	Eps Car	1.8600	4100.0	209	25089	No
60	GOM_NL__2PRFIN20061217_192424_000001002053_00486_25089_0573.N1	17-DEC-2006 19:24:24	Dark	100.00	2	Alp Car	-0.73600	7000.0	200	25089	No
61	GOM_NL__2PRFIN20061217_193022_000000962053_00486_25089_0574.N1	17-DEC-2006 19:30:22	Straylight	96.000	108	Alp Col	2.6520	15200.	192	25089	No
62	GOM_NL__2PRFIN20061217_193426_000000992053_00486_25089_0575.N1	17-DEC-2006 19:34:26	Straylight	98.500	139	9Bet Lep	2.8330	5600.0	197	25089	No
63	GOM_NL__2PRFIN20061217_193819_000000952053_00486_25089_0576.N1	17-DEC-2006 19:38:19	Straylight	95.000	7	19Bet Ori	0.10000	14000.	190	25089	No
64	GOM_NL__2PRFIN20061217_194540_000000982053_00486_25089_0577.N1	17-DEC-2006 19:45:40	Tw_i_and_stray	98.000	13	87Alp Tau	0.86700	3800.0	196	25089	No
65	GOM_NL__2PRFIN20061217_194757_000000852053_00486_25089_0578.N1	17-DEC-2006 19:47:57	Bright	84.500	146	25Eta Tau	2.8730	15200.	169	25089	No
66	GOM_NL__2PRFIN20061217_195005_000000862053_00486_25089_0579.N1	17-DEC-2006 19:50:05	Bright	85.500	150	44Zet Per	2.8900	28000.	171	25089	No
67	GOM_NL__2PRFIN20061217_195434_000000852053_00486_25089_0580.N1	17-DEC-2006 19:54:34	Bright	84.500	175	39Del Per	3.0100	19400.	169	25089	No
68	GOM_NL__2PRFIN20061217_200614_000000882053_00486_25089_0581.N1	17-DEC-2006 20:06:14	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	25089	No
69	GOM_NL__2PRFIN20061217_201055_000000882053_00486_25089_0582.N1	17-DEC-2006 20:10:55	Bright	87.500	60	7Bet UMi	2.0810	3950.0	175	25089	No
70	GOM_NL__2PRFIN20061217_201416_000000862053_00486_25089_0583.N1	17-DEC-2006 20:14:16	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	25089	No
71	GOM_NL__2PRFIN20061217_202129_000000912053_00486_25089_0584.N1	17-DEC-2006 20:21:29	Bright	91.000	180	27Gam Boo	3.0400	8000.0	182	25089	No
72	GOM_NL__2PRFIN20061217_202445_000000892053_00486_25089_0585.N1	17-DEC-2006 20:24:45	Bright	89.000	83		2.3780	11000.	178	25089	No
73	GOM_NL__2PRFIN20061217_203652_000001042053_00486_25089_0586.N1	17-DEC-2006 20:36:52	Bright	104.00	122	9Alp2Lib	2.7470	9700.0	208	25089	No
74	GOM_NL__2PRFIN20061217_204317_000000942053_00486_25089_0587.N1	17-DEC-2006 20:43:17	Dark	94.000	54	5The Cen	2.0550	4500.0	188	25089	No
75	GOM_NL__2PRFIN20061217_204618_000000882053_00486_25089_0588.N1	17-DEC-2006 20:46:18	Dark	88.000	95	Zet Cen	2.5450	26000.	176	25089	No
76	GOM_NL__2PRFIN20061217_204920_000000872053_00486_25089_0589.N1	17-DEC-2006 20:49:20	Dark	86.500	10	Bet Cen	0.61000	28000.	173	25089	No
77	GOM_NL__2PRFIN20061217_205251_000000412053_00487_25090_0572.N1	17-DEC-2006 20:52:51	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25090	No
78	GOM_NL__2PRFIN20061217_205747_000000382053_00487_25090_0573.N1	17-DEC-2006 20:57:47	Dark	37.500	159	Ups Car	2.9200	7200.0	75	25090	No
79	GOM_NL__2PRFIN20061217_205911_000000422053_00487_25090_0574.N1	17-DEC-2006 20:59:11	Dark	41.500	71	Iot Car	2.2460	7700.0	83	25090	No
80	GOM_NL__2PRFIN20061217_210103_000000522053_00487_25090_0575.N1	17-DEC-2006 21:01:03	Dark	51.500	41	Eps Car	1.8600	4100.0	103	25090	No
81	GOM_NL__2PRFIN20061217_210553_000000472053_00487_25090_0576.N1	17-DEC-2006 21:05:53	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	25090	No
82	GOM_NL__2PRFIN20061217_211152_000000412053_00487_25090_0577.N1	17-DEC-2006 21:11:52	Straylight	40.500	108	Alp Col	2.6520	15200.	81	25090	No
83	GOM_NL__2PRFIN20061217_211557_000000462053_00487_25090_0578.N1	17-DEC-2006 21:15:57	Straylight	45.500	139	9Bet Lep	2.8330	5600.0	91	25090	No
84	GOM_NL__2PRFIN20061217_211950_000000502053_00487_25090_0579.N1	17-DEC-2006 21:19:50	Straylight	50.000	7	19Bet Ori	0.10000	14000.	100	25090	No
85	GOM_NL__2PRFIN20061217_212709_000000472053_00487_25090_0580.N1	17-DEC-2006 21:27:09	Tw_i_and_stray	47.000	13	87Alp Tau	0.86700	3800.0	94	25090	No
86	GOM_NL__2PRFIN20061217_212923_000000362053_00487_25090_0581.N1	17-DEC-2006 21:29:23	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	25090	No
87	GOM_NL__2PRFIN20061217_213131_000000352053_00487_25090_0582.N1	17-DEC-2006 21:31:31	Bright	35.000	150	44Zet Per	2.8900	28000.	70	25090	No
88	GOM_NL__2PRFIN20061217_213348_000000342053_00487_25090_0583.N1	17-DEC-2006 21:33:48	Bright	34.000	149	45Eps Per	2.8880	30000.	68	25090	No
89	GOM_NL__2PRFIN20061217_213600_000000342053_00487_25090_0584.N1	17-DEC-2006 21:36:00	Bright	33.500	175	39Del Per	3.0100	19400.	67	25090	No
90	GOM_NL__2PRFIN20061217_213748_000000352053_00487_25090_0585.N1	17-DEC-2006 21:37:48	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	25090	No
91	GOM_NL__2PRFIN20061217_214741_000000372053_00487_25090_0586.N1	17-DEC-2006 21:47:41	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	25090	No
92	GOM_NL__2PRFIN20061217_215223_000000342053_00487_25090_0587.N1	17-DEC-2006 21:52:23	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	25090	No
93	GOM_NL__2PRFIN20061217_215542_000000372053_00487_25090_0588.N1	17-DEC-2006 21:55:42	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25090	No
94	GOM_NL__2PRFIN20061217_220259_000000372053_00487_25090_0589.N1	17-DEC-2006 22:02:59	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	25090	No
95	GOM_NL__2PRFIN20061217_220614_000000372053_00487_25090_0590.N1	17-DEC-2006 22:06:14	Bright	36.500	83		2.3780	11000.	73	25090	No
96	GOM_NL__2PRFIN20061217_221820_000000512053_00487_25090_0591.N1	17-DEC-2006 22:18:20	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	25090	No
97	GOM_NL__2PRFIN20061217_222446_000000432053_00487_25090_0592.N1	17-DEC-2006 22:24:46	Dark	43.000	54	5The Cen	2.0550	4500.0	86	25090	No
98	GOM_NL__2PRFIN20061217_222650_000000382053_00487_25090_0593.N1	17-DEC-2006 22:26:50	Dark	37.500	78	Alp Lup	2.3040	28000.	75	25090	No
99	GOM_NL__2PRFIN20061217_223046_000000372053_00487_25090_0594.N1	17-DEC-2006 22:30:46	Dark	37.000	10	Bet Cen	0.61000	28000.	74	25090	No
100	GOM_NL__2PRFIN20061217_223327_000000402053_00488_25091_0572.N1	17-DEC-2006 22:33:27	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25091	No
101	GOM_NL__2PRFIN20061217_223823_000000402053_00488_25091_0573.N1	17-DEC-2006 22:38:23	Dark	39.500	159	Ups Car	2.9200	7200.0	79	25091	No

102	GOM_NL__2PRFIN20061217_223947_000000422053_00488_25091_0574.N1	17-DEC-2006 22:39:47	Dark	41.500	71	lot Car	2.2460	7700.0	83	25091	No
103	GOM_NL__2PRFIN20061217_224140_000000422053_00488_25091_0575.N1	17-DEC-2006 22:41:40	Dark	41.500	41	Eps Car	1.8600	4100.0	83	25091	No
104	GOM_NL__2PRFIN20061217_224629_000000472053_00488_25091_0576.N1	17-DEC-2006 22:46:29	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	25091	No
105	GOM_NL__2PRFIN20061217_225228_000000422053_00488_25091_0577.N1	17-DEC-2006 22:52:28	Straylight	42.000	108	Alp Col	2.6520	15200.	84	25091	No
106	GOM_NL__2PRFIN20061217_225633_000000432053_00488_25091_0578.N1	17-DEC-2006 22:56:33	Straylight	43.000	139	9Bet Lep	2.8330	5600.0	86	25091	No
107	GOM_NL__2PRFIN20061217_230026_000000502053_00488_25091_0579.N1	17-DEC-2006 23:00:26	Straylight	50.000	7	19Bet Ori	0.10000	14000.	100	25091	No
108	GOM_NL__2PRFIN20061217_230744_000000502053_00488_25091_0580.N1	17-DEC-2006 23:07:44	Twilight_stray	50.000	13	87Alp Tau	0.86700	3800.0	100	25091	No
109	GOM_NL__2PRFIN20061217_230959_000000352053_00488_25091_0581.N1	17-DEC-2006 23:09:59	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	25091	No
110	GOM_NL__2PRFIN20061217_231207_000000352053_00488_25091_0582.N1	17-DEC-2006 23:12:07	Bright	35.000	150	44Zet Per	2.8900	28000.	70	25091	No
111	GOM_NL__2PRFIN20061217_231423_000000352053_00488_25091_0583.N1	17-DEC-2006 23:14:23	Bright	35.000	149	45Eps Per	2.8880	30000.	70	25091	No
112	GOM_NL__2PRFIN20061217_231636_000000332053_00488_25091_0584.N1	17-DEC-2006 23:16:36	Bright	33.000	175	39Del Per	3.0100	19400.	66	25091	No
113	GOM_NL__2PRFIN20061217_231824_000000352053_00488_25091_0585.N1	17-DEC-2006 23:18:24	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	25091	No
114	GOM_NL__2PRFIN20061217_232817_000000322053_00488_25091_0586.N1	17-DEC-2006 23:28:17	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	25091	No
115	GOM_NL__2PRFIN20061217_233259_000000382053_00488_25091_0587.N1	17-DEC-2006 23:32:59	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	25091	No
116	GOM_NL__2PRFIN20061217_233618_000000372053_00488_25091_0588.N1	17-DEC-2006 23:36:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25091	No
117	GOM_NL__2PRFIN20061217_234335_000000372053_00488_25091_0589.N1	17-DEC-2006 23:43:35	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	25091	No
118	GOM_NL__2PRFIN20061217_234650_000000362053_00488_25091_0590.N1	17-DEC-2006 23:46:50	Bright	35.500	83		2.3780	11000.	71	25091	No
119	GOM_NL__2PRFIN20061217_235856_000000372053_00488_25091_0591.N1	17-DEC-2006 23:58:56	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	25091	No

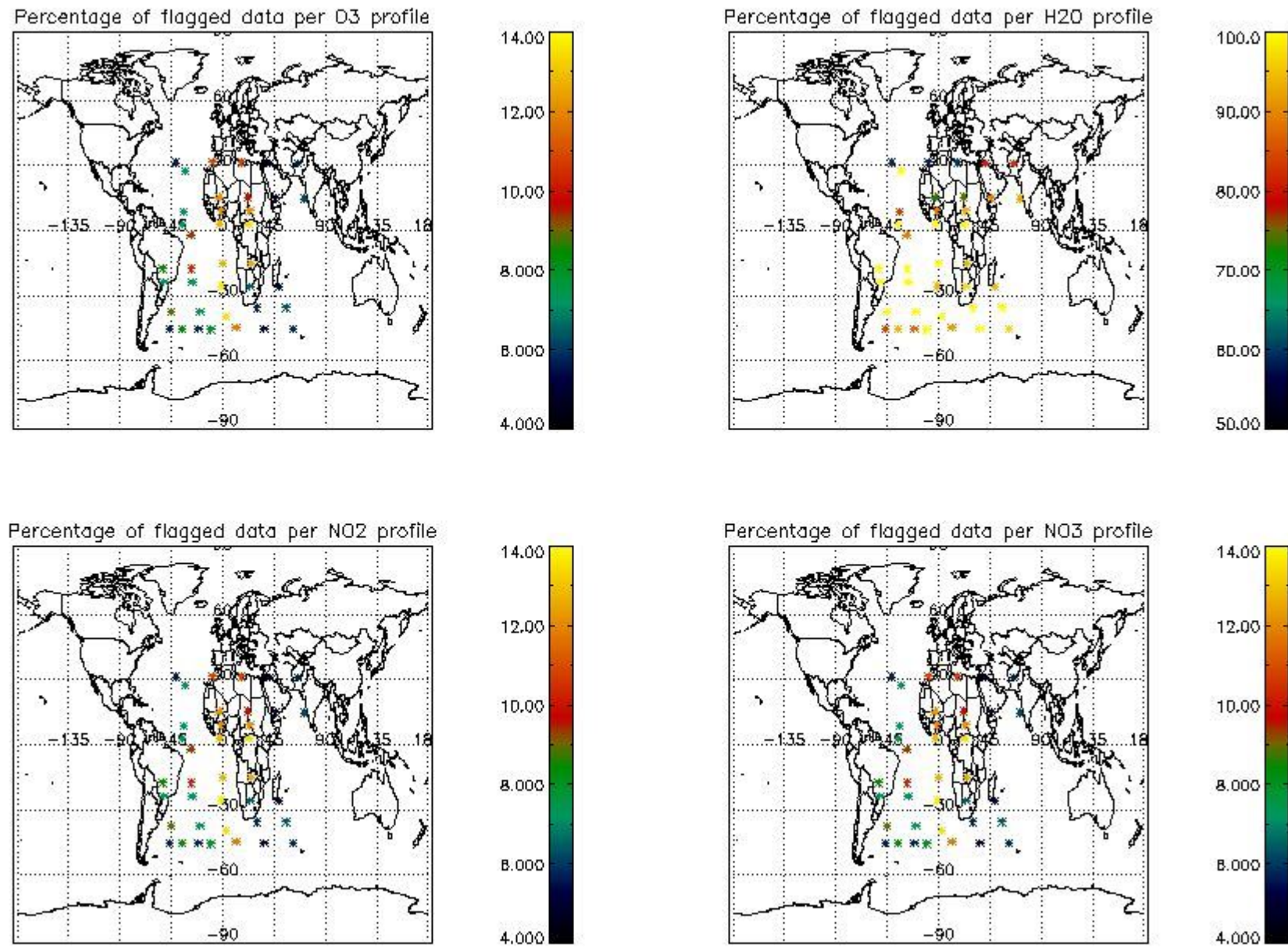
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

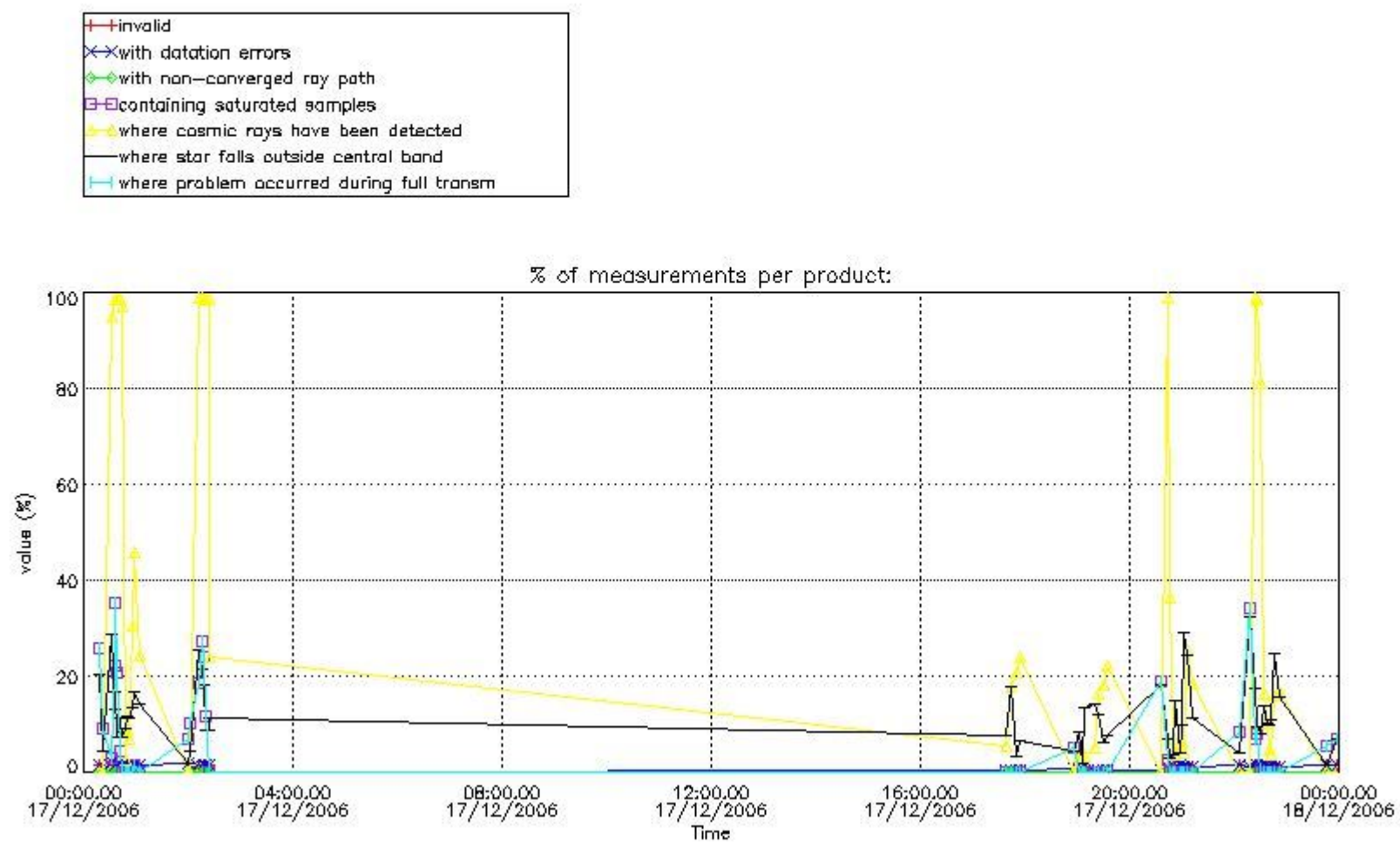


4. Level 1 quality information per product

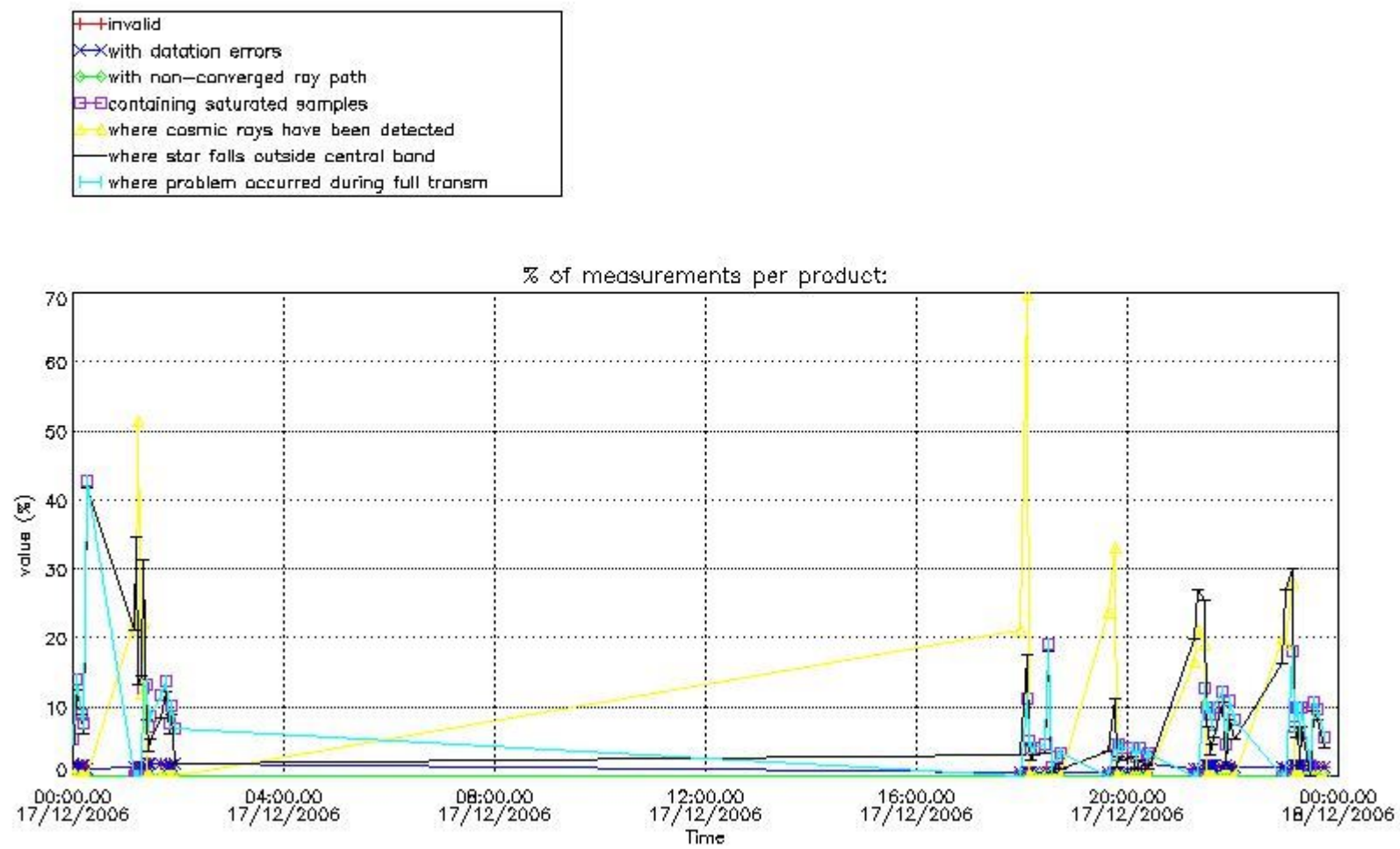
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



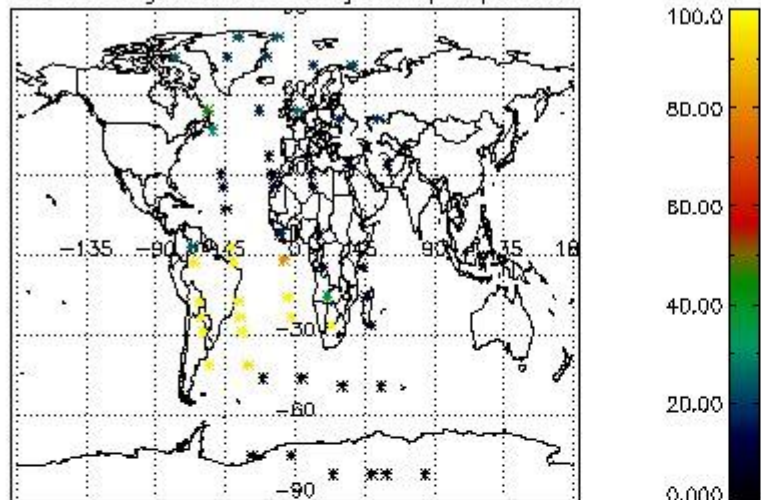
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



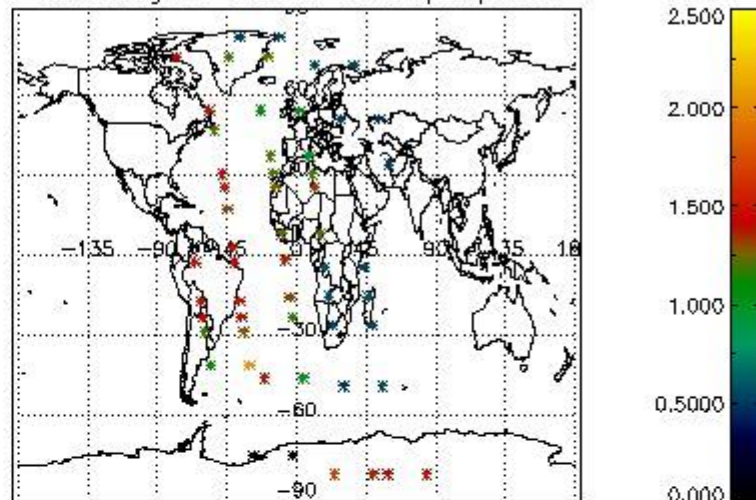
4.2 Plot quality information per product coming from level 1b processing (world map)

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

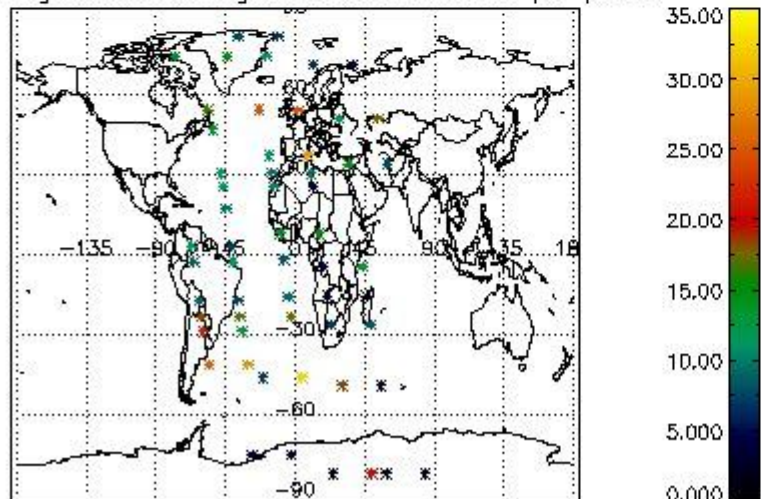
Percentage of cosmic ray hits per profile



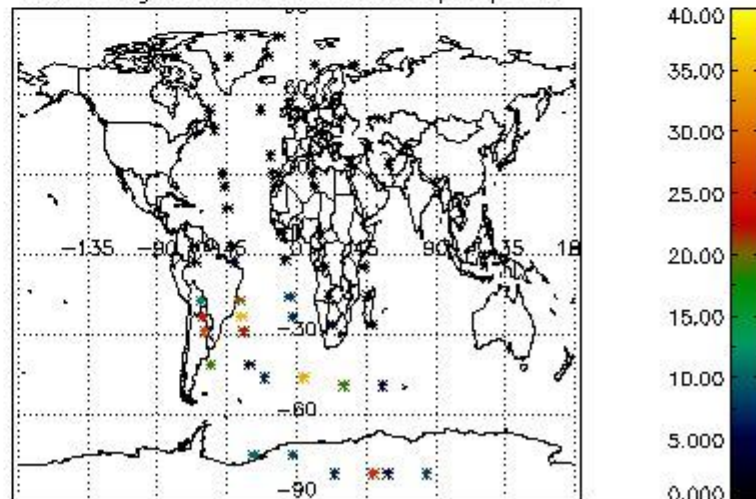
Percentage of datation errors per profile



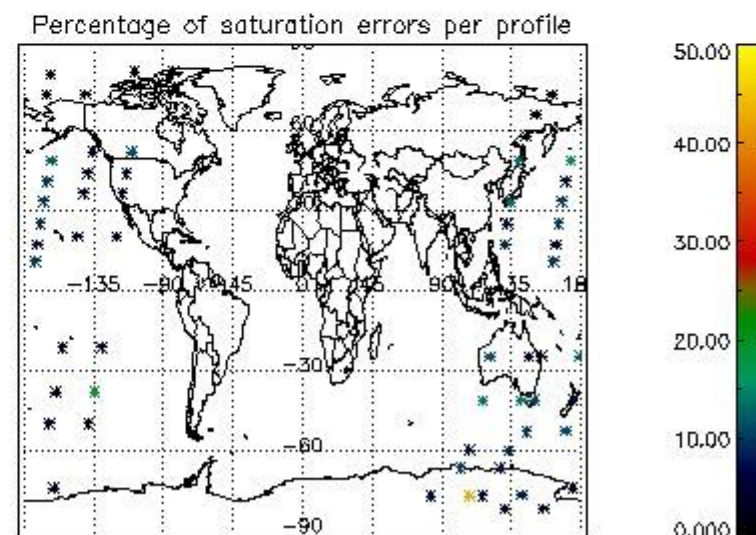
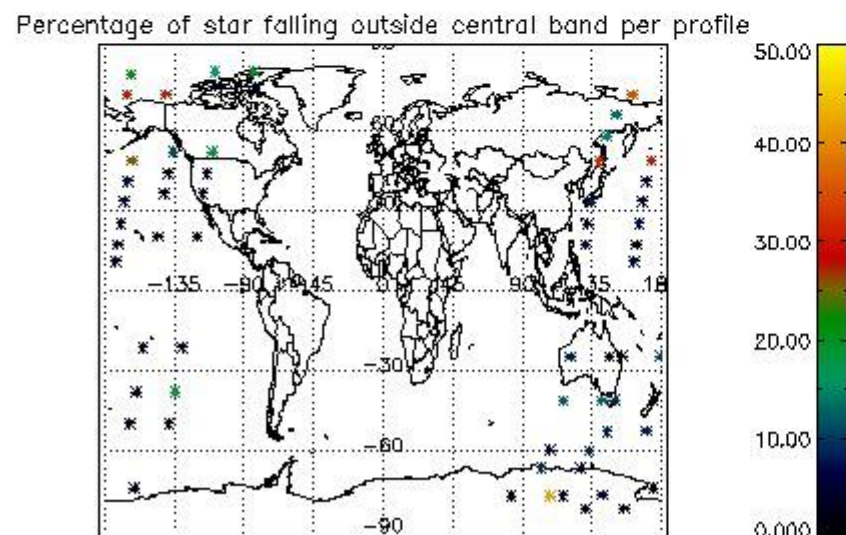
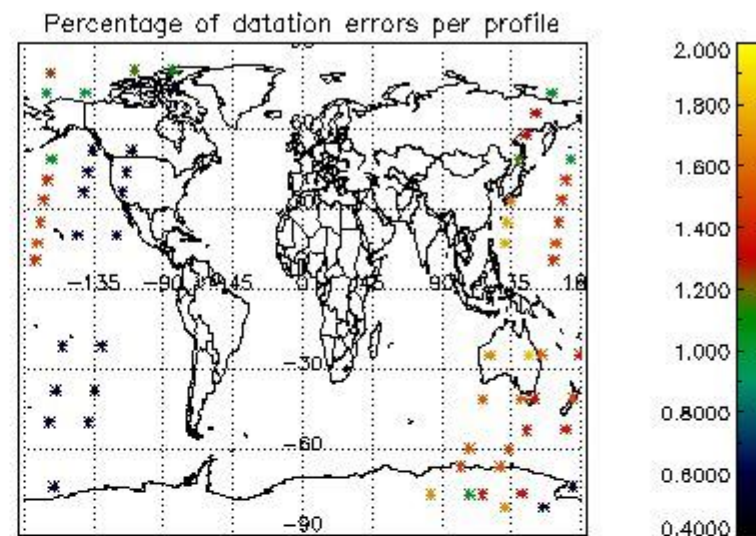
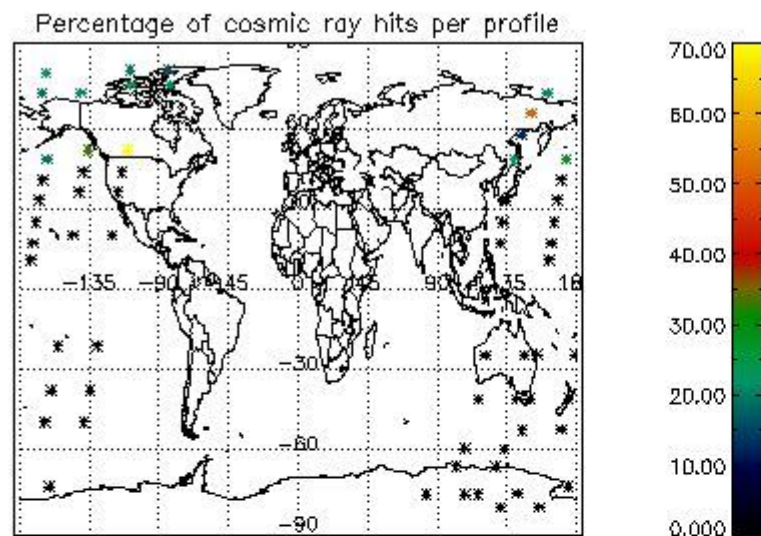
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

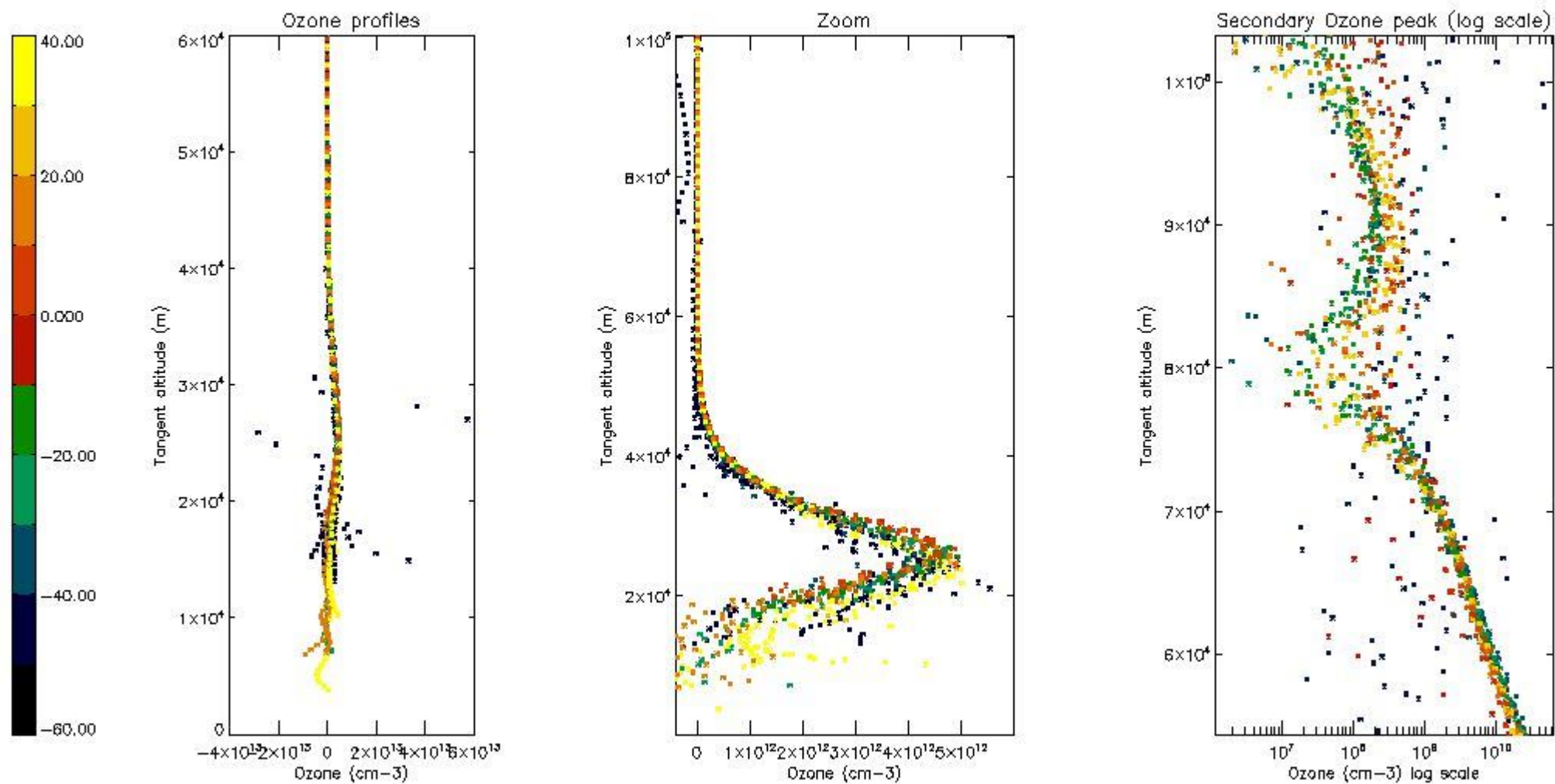
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	13

STD < 10	9
STD < 5	5

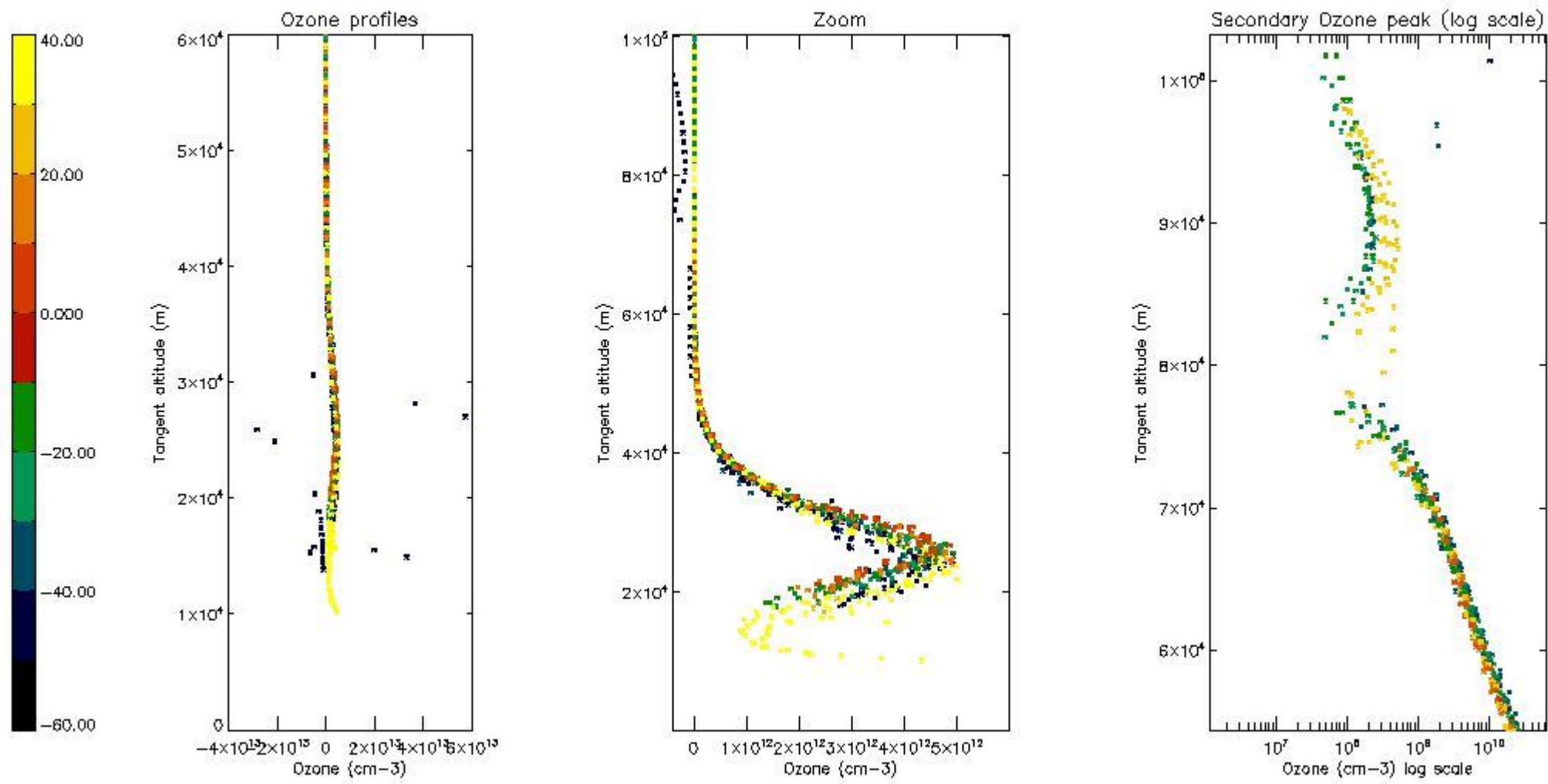
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



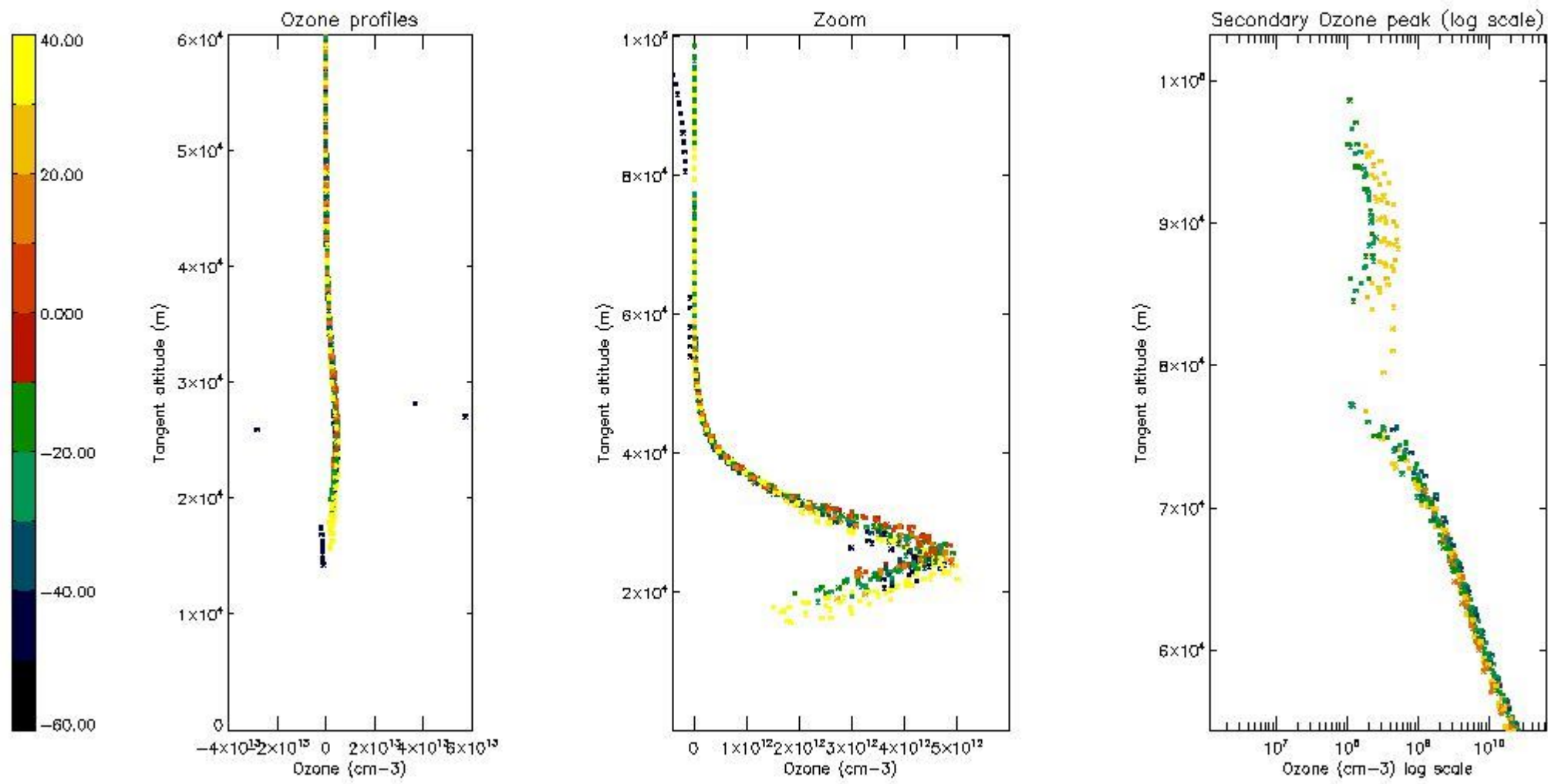
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



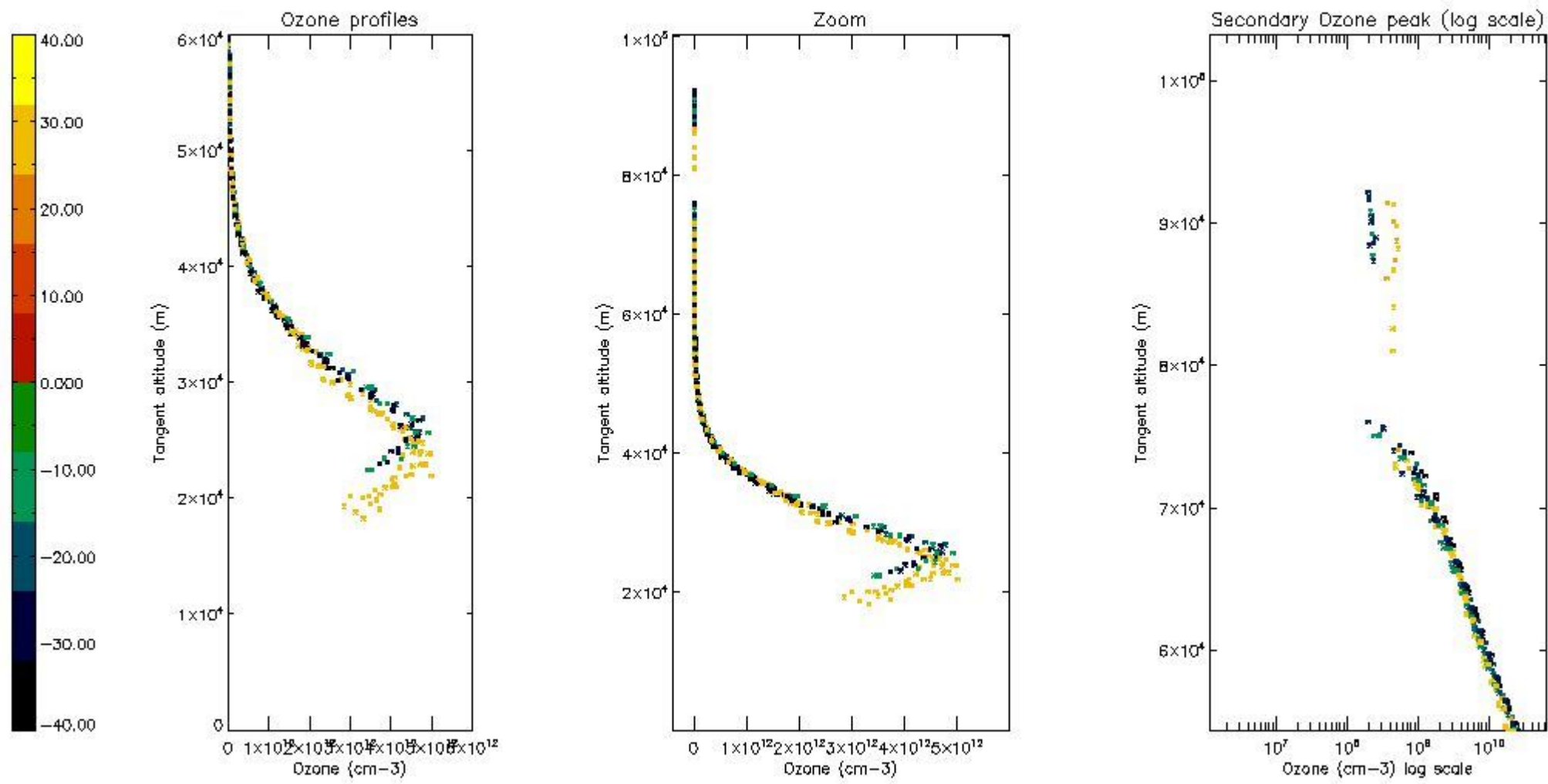
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



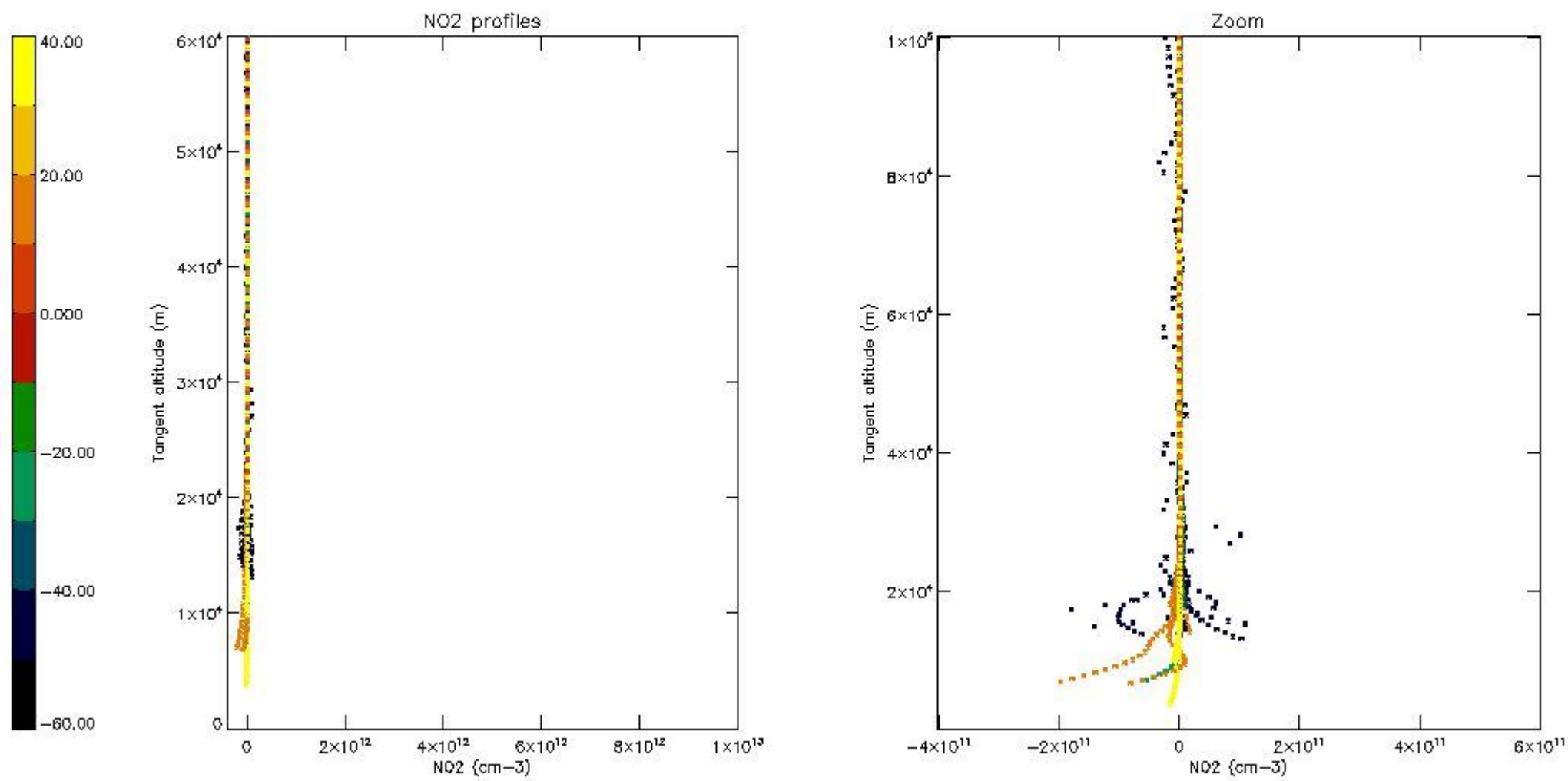
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



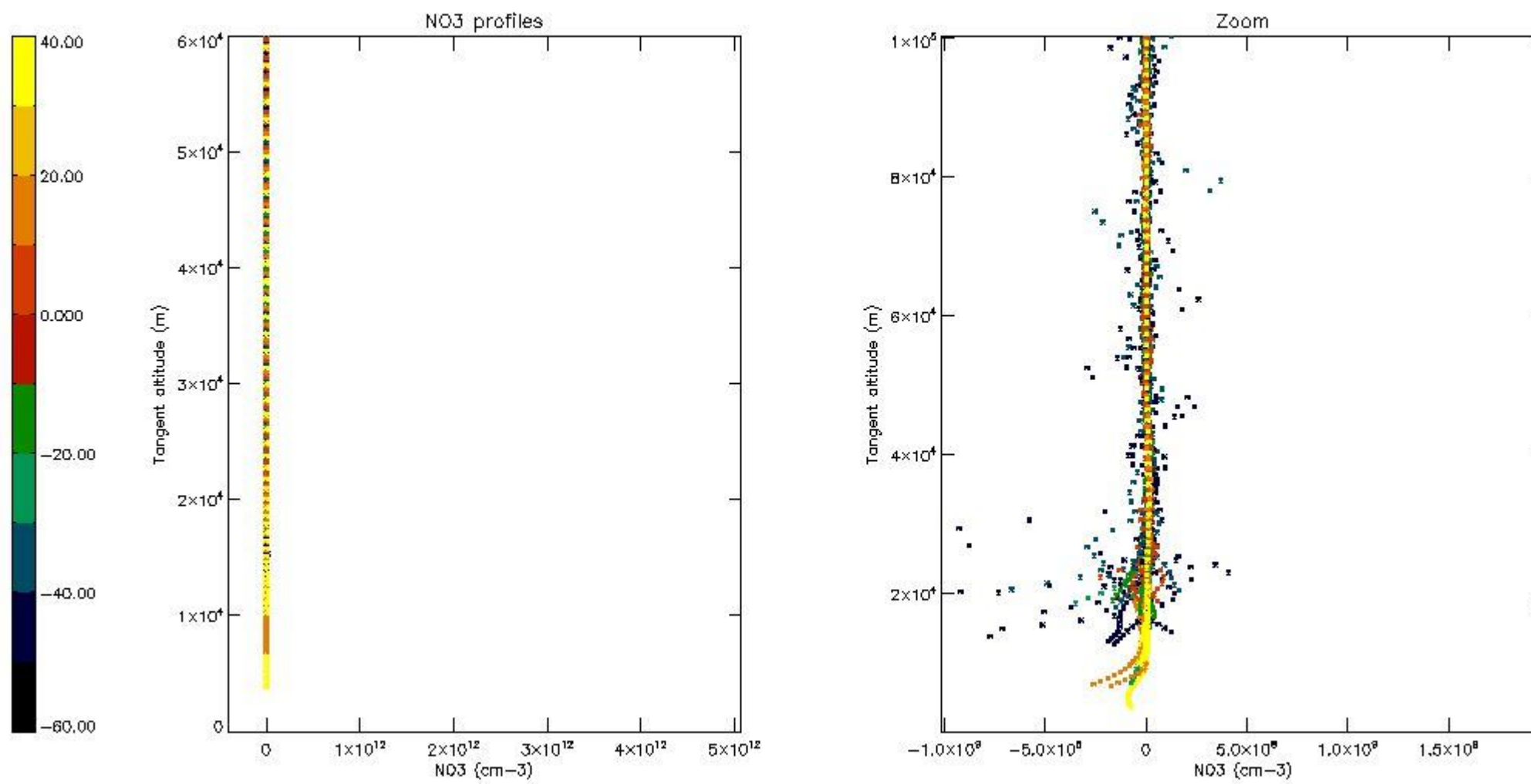
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



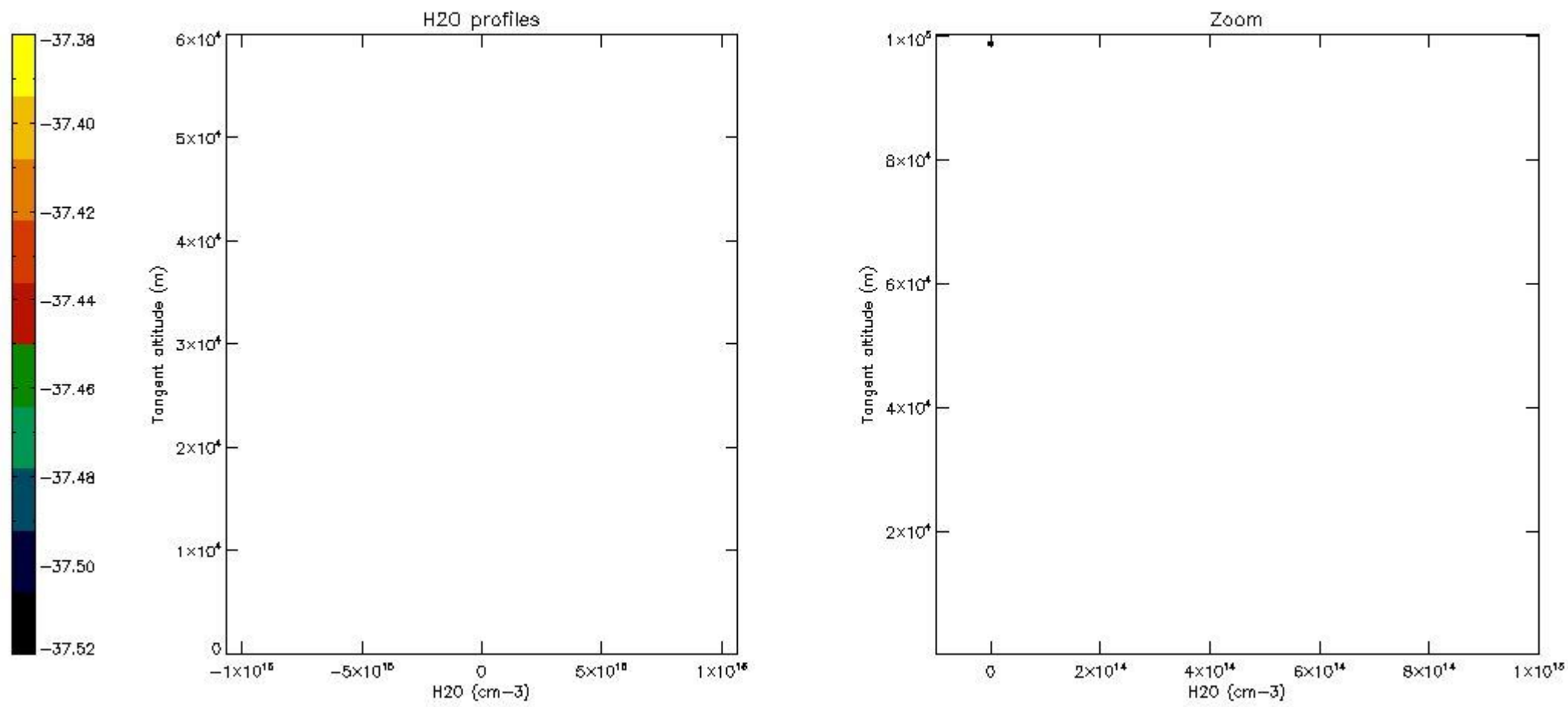
5.7 Plot NO3 profiles for all STD (dark without errors)

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	17-DEC-2006 00:00:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-DEC-2006 00:00:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-DEC-2006 00:00:00

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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[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 06:37:58
Data source version	GOMOS/6.01
Start time of products	17-12-2006 (17DEC2006 00:00:00)
Stop time of products	18-12-2006 (18DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	119
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__2PRFIN20061217_000000_000000282053_00474_25077_0581.N1	17-DEC-2006 00:00:00	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	25077	No
2	GOM_NL__2PRFIN20061217_000442_000000322053_00474_25077_0582.N1	17-DEC-2006 00:04:42	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	25077	No
3	GOM_NL__2PRFIN20061217_000959_000000342053_00474_25077_0583.N1	17-DEC-2006 00:09:59	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	25077	No
4	GOM_NL__2PRFIN20061217_001155_000000332053_00474_25077_0584.N1	17-DEC-2006 00:11:55	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	25077	No
5	GOM_NL__2PRFIN20061217_001517_000000492053_00474_25077_0585.N1	17-DEC-2006 00:15:17	Bright	49.000	180	27Gam Boo	3.0400	8000.0	98	25077	No
6	GOM_NL__2PRFIN20061217_001831_000000372053_00474_25077_0586.N1	17-DEC-2006 00:18:31	Bright	37.000	83		2.3780	11000.	74	25077	No
7	GOM_NL__2PRFIN20061217_002152_000000342053_00474_25077_0587.N1	17-DEC-2006 00:21:52	Bright	33.500	111	8Eta Boo	2.6800	6000.0	67	25077	No
8	GOM_NL__2PRFIN20061217_003153_000000492053_00474_25077_0588.N1	17-DEC-2006 00:31:53	Twilight	49.000	15	67Alp Vir	0.97600	28000.	98	25077	No
9	GOM_NL__2PRFIN20061217_003523_000000392053_00474_25077_0589.N1	17-DEC-2006 00:35:23	Dark	38.500	169	46Gam Hya	2.9910	4700.0	77	25077	No
10	GOM_NL__2PRFIN20061217_003659_000000362053_00474_25077_0590.N1	17-DEC-2006 00:36:59	Dark	35.500	54	5The Cen	2.0550	4500.0	71	25077	No
11	GOM_NL__2PRFIN20061217_003835_000000342053_00474_25077_0591.N1	17-DEC-2006 00:38:35	Dark	34.000	123	1ot Cen	2.7500	10200.	68	25077	No
12	GOM_NL__2PRFIN20061217_004242_000000352053_00474_25077_0592.N1	17-DEC-2006 00:42:42	Dark	35.000	64	Gam Cen	2.2000	10600.	70	25077	No
13	GOM_NL__2PRFIN20061217_004420_000000352053_00475_25078_0566.N1	17-DEC-2006 00:44:20	Dark	34.500	99	Del Cen	2.5750	26000.	69	25078	No
14	GOM_NL__2PRFIN20061217_004814_000000382053_00475_25078_0567.N1	17-DEC-2006 00:48:14	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	25078	No
15	GOM_NL__2PRFIN20061217_005035_000000342053_00475_25078_0568.N1	17-DEC-2006 00:50:35	Dark	34.000	159	Ups Car	2.9200	7200.0	68	25078	No
16	GOM_NL__2PRFIN20061217_005158_000000362053_00475_25078_0569.N1	17-DEC-2006 00:51:58	Dark	35.500	71	1ot Car	2.2460	7700.0	71	25078	No
17	GOM_NL__2PRFIN20061217_005639_000000412053_00475_25078_0570.N1	17-DEC-2006 00:56:39	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	25078	No
18	GOM_NL__2PRFIN20061217_005843_000000362053_00475_25078_0571.N1	17-DEC-2006 00:58:43	Dark	36.000	2	Alp Car	-0.73600	7000.0	72	25078	No
19	GOM_NL__2PRFIN20061217_010443_000000352053_00475_25078_0572.N1	17-DEC-2006 01:04:43	Straylight	35.000	108	Alp Col	2.6520	15200.	70	25078	No
20	GOM_NL__2PRFIN20061217_010941_000000402053_00475_25078_0573.N1	17-DEC-2006 01:09:41	Straylight	40.000	101	11Alp Lep	2.5820	7000.0	80	25078	No
21	GOM_NL__2PRFIN20061217_011244_000000482053_00475_25078_0574.N1	17-DEC-2006 01:12:44	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	25078	No
22	GOM_NL__2PRFIN20061217_011459_000000382053_00475_25078_0575.N1	17-DEC-2006 01:14:59	Straylight	38.000	30	46Eps Ori	1.6940	30000.	76	25078	No
23	GOM_NL__2PRFIN20061217_011719_000000382053_00475_25078_0576.N1	17-DEC-2006 01:17:19	Twilight	38.000	27	24Gam Ori	1.6360	26000.	76	25078	No
24	GOM_NL__2PRFIN20061217_012003_000000432053_00475_25078_0577.N1	17-DEC-2006 01:20:03	Twilight	43.000	13	87Alp Tau	0.86700	3800.0	86	25078	No
25	GOM_NL__2PRFIN20061217_012425_000000312053_00475_25078_0578.N1	17-DEC-2006 01:24:25	Bright	30.500	150	44Zet Per	2.8900	28000.	61	25078	No
26	GOM_NL__2PRFIN20061217_012642_000000292053_00475_25078_0579.N1	17-DEC-2006 01:26:42	Bright	28.500	149	45Eps Per	2.8880	30000.	57	25078	No
27	GOM_NL__2PRFIN20061217_012854_000000292053_00475_25078_0580.N1	17-DEC-2006 01:28:54	Bright	28.500	175	39Del Per	3.0100	19400.	57	25078	No
28	GOM_NL__2PRFIN20061217_014036_000000302053_00475_25078_0581.N1	17-DEC-2006 01:40:36	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	25078	No
29	GOM_NL__2PRFIN20061217_014518_000000332053_00475_25078_0582.N1	17-DEC-2006 01:45:18	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	25078	No
30	GOM_NL__2PRFIN20061217_015034_000000332053_00475_25078_0583.N1	17-DEC-2006 01:50:34	Bright	33.000	55	79Zet UMa	2.0600	10200.	66	25078	No
31	GOM_NL__2PRFIN20061217_015231_000000342053_00475_25078_0584.N1	17-DEC-2006 01:52:31	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	25078	No
32	GOM_NL__2PRFIN20061217_015553_000000302053_00475_25078_0585.N1	17-DEC-2006 01:55:53	Bright	29.500	180	27Gam Boo	3.0400	8000.0	59	25078	No
33	GOM_NL__2PRFIN20061217_015906_000000302053_00475_25078_0586.N1	17-DEC-2006 01:59:06	Bright	29.500	83		2.3780	11000.	59	25078	No
34	GOM_NL__2PRFIN20061217_020228_000000342053_00475_25078_0587.N1	17-DEC-2006 02:02:28	Bright	34.000	111	8Eta Boo	2.6800	6000.0	68	25078	No
35	GOM_NL__2PRFIN20061217_021230_000000462053_00475_25078_0588.N1	17-DEC-2006 02:12:30	Twilight	45.500	15	67Alp Vir	0.97600	28000.	91	25078	No
36	GOM_NL__2PRFIN20061217_021600_000000422053_00475_25078_0589.N1	17-DEC-2006 02:16:00	Dark	42.000	169	46Gam Hya	2.9910	4700.0	84	25078	No
37	GOM_NL__2PRFIN20061217_021735_000000362053_00475_25078_0590.N1	17-DEC-2006 02:17:35	Dark	35.500	54	5The Cen	2.0550	4500.0	71	25078	No
38	GOM_NL__2PRFIN20061217_021911_000000342053_00475_25078_0591.N1	17-DEC-2006 02:19:11	Dark	34.000	123	1ot Cen	2.7500	10200.	68	25078	No
39	GOM_NL__2PRFIN20061217_022318_000000352053_00475_25078_0592.N1	17-DEC-2006 02:23:18	Dark	34.500	64	Gam Cen	2.2000	10600.	69	25078	No
40	GOM_NL__2PRFIN20061217_022457_000000362053_00476_25079_0566.N1	17-DEC-2006 02:24:57	Dark	35.500	99	Del Cen	2.5750	26000.	71	25079	No
41	GOM_NL__2PRFIN20061217_173857_000000982053_00485_25088_0572.N1	17-DEC-2006 17:38:57	Dark	98.000	41	Eps Car	1.8600	4100.0	196	25088	No
42	GOM_NL__2PRFIN20061217_174347_000001072053_00485_25088_0573.N1	17-DEC-2006 17:43:47	Dark	107.00	2	Alp Car	-0.73600	7000.0	214	25088	No

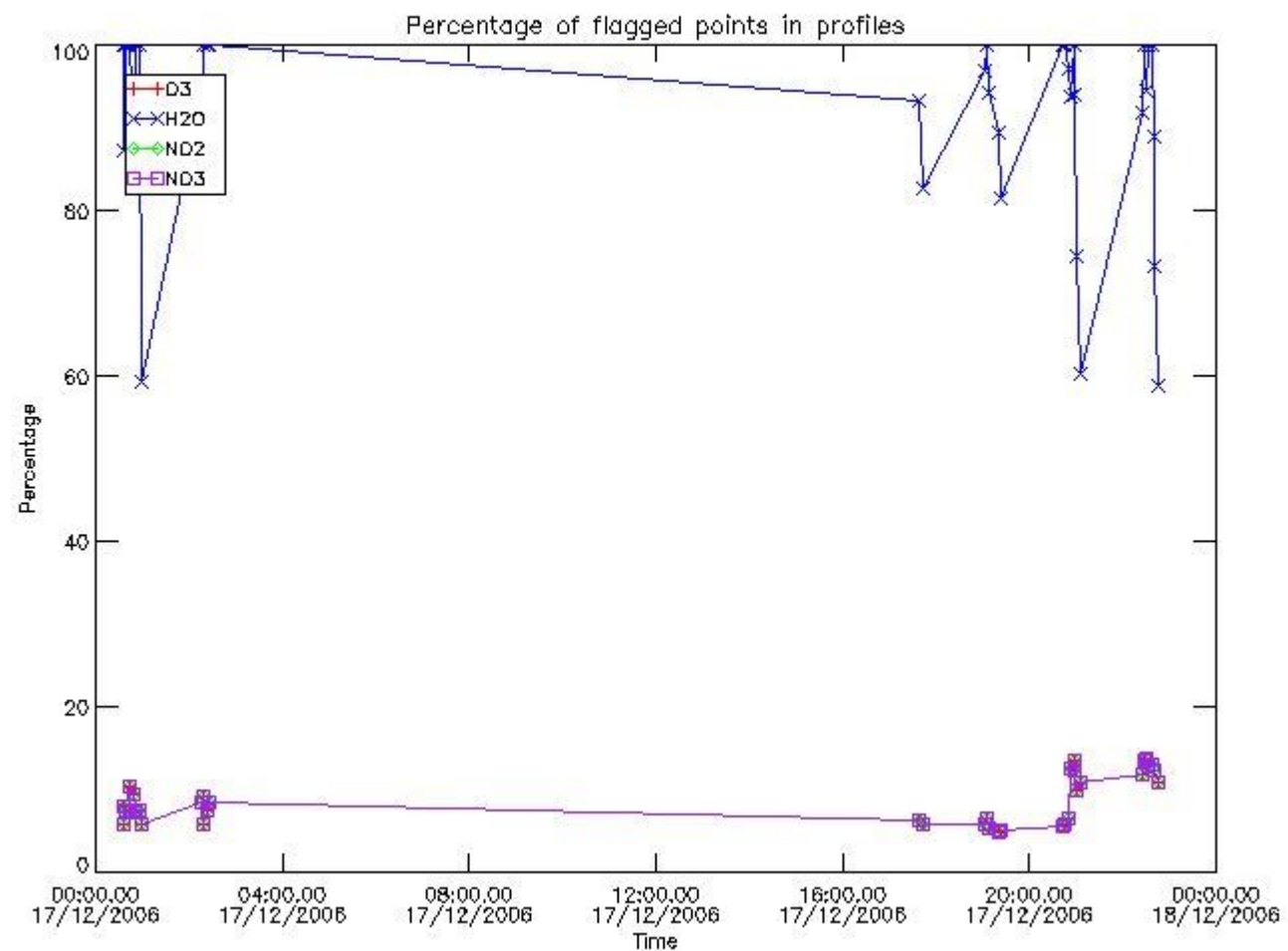
43	GOM_NL__2PRFIN20061217_174945_000000942053_00485_25088_0574.N1	17-DEC-2006 17:49:45	Straylight	93.500	108	Alp Col	2.6520	15200.	187	25088	No
44	GOM_NL__2PRFIN20061217_175349_000000992053_00485_25088_0575.N1	17-DEC-2006 17:53:49	Straylight	98.500	139	9Bet Lep	2.8330	5600.0	197	25088	No
45	GOM_NL__2PRFIN20061217_175743_000000952053_00485_25088_0576.N1	17-DEC-2006 17:57:43	Straylight	95.000	7	19Bet Ori	0.10000	14000.	190	25088	No
46	GOM_NL__2PRFIN20061217_180504_000001062053_00485_25088_0577.N1	17-DEC-2006 18:05:04	Tw_i_and_stray	106.00	13	87Alp Tau	0.86700	3800.0	212	25088	No
47	GOM_NL__2PRFIN20061217_180721_000000872053_00485_25088_0578.N1	17-DEC-2006 18:07:21	Bright	86.500	146	25Eta Tau	2.8730	15200.	173	25088	No
48	GOM_NL__2PRFIN20061217_180929_000000852053_00485_25088_0579.N1	17-DEC-2006 18:09:29	Bright	85.000	150	44Zet Per	2.8900	28000.	170	25088	No
49	GOM_NL__2PRFIN20061217_181358_000000852053_00485_25088_0580.N1	17-DEC-2006 18:13:58	Bright	85.000	175	39Del Per	3.0100	19400.	170	25088	No
50	GOM_NL__2PRFIN20061217_182538_000000882053_00485_25088_0581.N1	17-DEC-2006 18:25:38	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	25088	No
51	GOM_NL__2PRFIN20061217_183019_000001052053_00485_25088_0582.N1	17-DEC-2006 18:30:19	Bright	105.00	60	7Bet UMi	2.0810	3950.0	210	25088	No
52	GOM_NL__2PRFIN20061217_183340_000000832053_00485_25088_0583.N1	17-DEC-2006 18:33:40	Bright	83.000	119	14Eta Dra	2.7270	4700.0	166	25088	No
53	GOM_NL__2PRFIN20061217_184053_000000912053_00485_25088_0584.N1	17-DEC-2006 18:40:53	Bright	90.500	180	27Gam Boo	3.0400	8000.0	181	25088	No
54	GOM_NL__2PRFIN20061217_184409_000000892053_00485_25088_0585.N1	17-DEC-2006 18:44:09	Bright	89.000	83		2.3780	11000.	178	25088	No
55	GOM_NL__2PRFIN20061217_185616_000000892053_00485_25088_0586.N1	17-DEC-2006 18:56:16	Bright	89.000	122	9Alp2Lib	2.7470	9700.0	178	25088	No
56	GOM_NL__2PRFIN20061217_190241_000000962053_00485_25088_0587.N1	17-DEC-2006 19:02:41	Dark	95.500	54	5The Cen	2.0550	4500.0	191	25088	No
57	GOM_NL__2PRFIN20061217_190542_000000872053_00485_25088_0588.N1	17-DEC-2006 19:05:42	Dark	87.000	95	Zet Cen	2.5450	26000.	174	25088	No
58	GOM_NL__2PRFIN20061217_190844_000000972053_00485_25088_0589.N1	17-DEC-2006 19:08:44	Dark	96.500	10	Bet Cen	0.61000	28000.	193	25088	No
59	GOM_NL__2PRFIN20061217_191934_000001052053_00486_25089_0572.N1	17-DEC-2006 19:19:34	Dark	104.50	41	Eps Car	1.8600	4100.0	209	25089	No
60	GOM_NL__2PRFIN20061217_192424_000001002053_00486_25089_0573.N1	17-DEC-2006 19:24:24	Dark	100.00	2	Alp Car	-0.73600	7000.0	200	25089	No
61	GOM_NL__2PRFIN20061217_193022_000000962053_00486_25089_0574.N1	17-DEC-2006 19:30:22	Straylight	96.000	108	Alp Col	2.6520	15200.	192	25089	No
62	GOM_NL__2PRFIN20061217_193426_000000992053_00486_25089_0575.N1	17-DEC-2006 19:34:26	Straylight	98.500	139	9Bet Lep	2.8330	5600.0	197	25089	No
63	GOM_NL__2PRFIN20061217_193819_000000952053_00486_25089_0576.N1	17-DEC-2006 19:38:19	Straylight	95.000	7	19Bet Ori	0.10000	14000.	190	25089	No
64	GOM_NL__2PRFIN20061217_194540_000000982053_00486_25089_0577.N1	17-DEC-2006 19:45:40	Tw_i_and_stray	98.000	13	87Alp Tau	0.86700	3800.0	196	25089	No
65	GOM_NL__2PRFIN20061217_194757_000000852053_00486_25089_0578.N1	17-DEC-2006 19:47:57	Bright	84.500	146	25Eta Tau	2.8730	15200.	169	25089	No
66	GOM_NL__2PRFIN20061217_195005_000000862053_00486_25089_0579.N1	17-DEC-2006 19:50:05	Bright	85.500	150	44Zet Per	2.8900	28000.	171	25089	No
67	GOM_NL__2PRFIN20061217_195434_000000852053_00486_25089_0580.N1	17-DEC-2006 19:54:34	Bright	84.500	175	39Del Per	3.0100	19400.	169	25089	No
68	GOM_NL__2PRFIN20061217_200614_000000882053_00486_25089_0581.N1	17-DEC-2006 20:06:14	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	25089	No
69	GOM_NL__2PRFIN20061217_201055_000000882053_00486_25089_0582.N1	17-DEC-2006 20:10:55	Bright	87.500	60	7Bet UMi	2.0810	3950.0	175	25089	No
70	GOM_NL__2PRFIN20061217_201416_000000862053_00486_25089_0583.N1	17-DEC-2006 20:14:16	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	25089	No
71	GOM_NL__2PRFIN20061217_202129_000000912053_00486_25089_0584.N1	17-DEC-2006 20:21:29	Bright	91.000	180	27Gam Boo	3.0400	8000.0	182	25089	No
72	GOM_NL__2PRFIN20061217_202445_000000892053_00486_25089_0585.N1	17-DEC-2006 20:24:45	Bright	89.000	83		2.3780	11000.	178	25089	No
73	GOM_NL__2PRFIN20061217_203652_000001042053_00486_25089_0586.N1	17-DEC-2006 20:36:52	Bright	104.00	122	9Alp2Lib	2.7470	9700.0	208	25089	No
74	GOM_NL__2PRFIN20061217_204317_000000942053_00486_25089_0587.N1	17-DEC-2006 20:43:17	Dark	94.000	54	5The Cen	2.0550	4500.0	188	25089	No
75	GOM_NL__2PRFIN20061217_204618_000000882053_00486_25089_0588.N1	17-DEC-2006 20:46:18	Dark	88.000	95	Zet Cen	2.5450	26000.	176	25089	No
76	GOM_NL__2PRFIN20061217_204920_000000872053_00486_25089_0589.N1	17-DEC-2006 20:49:20	Dark	86.500	10	Bet Cen	0.61000	28000.	173	25089	No
77	GOM_NL__2PRFIN20061217_205251_000000412053_00487_25090_0572.N1	17-DEC-2006 20:52:51	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25090	No
78	GOM_NL__2PRFIN20061217_205747_000000382053_00487_25090_0573.N1	17-DEC-2006 20:57:47	Dark	37.500	159	Ups Car	2.9200	7200.0	75	25090	No
79	GOM_NL__2PRFIN20061217_205911_000000422053_00487_25090_0574.N1	17-DEC-2006 20:59:11	Dark	41.500	71	lot Car	2.2460	7700.0	83	25090	No
80	GOM_NL__2PRFIN20061217_210103_000000522053_00487_25090_0575.N1	17-DEC-2006 21:01:03	Dark	51.500	41	Eps Car	1.8600	4100.0	103	25090	No
81	GOM_NL__2PRFIN20061217_210553_000000472053_00487_25090_0576.N1	17-DEC-2006 21:05:53	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	25090	No
82	GOM_NL__2PRFIN20061217_211152_000000412053_00487_25090_0577.N1	17-DEC-2006 21:11:52	Straylight	40.500	108	Alp Col	2.6520	15200.	81	25090	No
83	GOM_NL__2PRFIN20061217_211557_000000462053_00487_25090_0578.N1	17-DEC-2006 21:15:57	Straylight	45.500	139	9Bet Lep	2.8330	5600.0	91	25090	No
84	GOM_NL__2PRFIN20061217_211950_000000502053_00487_25090_0579.N1	17-DEC-2006 21:19:50	Straylight	50.000	7	19Bet Ori	0.10000	14000.	100	25090	No
85	GOM_NL__2PRFIN20061217_212709_000000472053_00487_25090_0580.N1	17-DEC-2006 21:27:09	Tw_i_and_stray	47.000	13	87Alp Tau	0.86700	3800.0	94	25090	No
86	GOM_NL__2PRFIN20061217_212923_000000362053_00487_25090_0581.N1	17-DEC-2006 21:29:23	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	25090	No
87	GOM_NL__2PRFIN20061217_213131_000000352053_00487_25090_0582.N1	17-DEC-2006 21:31:31	Bright	35.000	150	44Zet Per	2.8900	28000.	70	25090	No
88	GOM_NL__2PRFIN20061217_213348_000000342053_00487_25090_0583.N1	17-DEC-2006 21:33:48	Bright	34.000	149	45Eps Per	2.8880	30000.	68	25090	No
89	GOM_NL__2PRFIN20061217_213600_000000342053_00487_25090_0584.N1	17-DEC-2006 21:36:00	Bright	33.500	175	39Del Per	3.0100	19400.	67	25090	No
90	GOM_NL__2PRFIN20061217_213748_000000352053_00487_25090_0585.N1	17-DEC-2006 21:37:48	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	25090	No
91	GOM_NL__2PRFIN20061217_214741_000000372053_00487_25090_0586.N1	17-DEC-2006 21:47:41	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	25090	No
92	GOM_NL__2PRFIN20061217_215223_000000342053_00487_25090_0587.N1	17-DEC-2006 21:52:23	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	25090	No
93	GOM_NL__2PRFIN20061217_215542_000000372053_00487_25090_0588.N1	17-DEC-2006 21:55:42	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25090	No
94	GOM_NL__2PRFIN20061217_220259_000000372053_00487_25090_0589.N1	17-DEC-2006 22:02:59	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	25090	No
95	GOM_NL__2PRFIN20061217_220614_000000372053_00487_25090_0590.N1	17-DEC-2006 22:06:14	Bright	36.500	83		2.3780	11000.	73	25090	No
96	GOM_NL__2PRFIN20061217_221820_000000512053_00487_25090_0591.N1	17-DEC-2006 22:18:20	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	25090	No
97	GOM_NL__2PRFIN20061217_222446_000000432053_00487_25090_0592.N1	17-DEC-2006 22:24:46	Dark	43.000	54	5The Cen	2.0550	4500.0	86	25090	No
98	GOM_NL__2PRFIN20061217_222650_000000382053_00487_25090_0593.N1	17-DEC-2006 22:26:50	Dark	37.500	78	Alp Lup	2.3040	28000.	75	25090	No
99	GOM_NL__2PRFIN20061217_223046_000000372053_00487_25090_0594.N1	17-DEC-2006 22:30:46	Dark	37.000	10	Bet Cen	0.61000	28000.	74	25090	No
100	GOM_NL__2PRFIN20061217_223327_000000402053_00488_25091_0572.N1	17-DEC-2006 22:33:27	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25091	No
101	GOM_NL__2PRFIN20061217_223823_000000402053_00488_25091_0573.N1	17-DEC-2006 22:38:23	Dark	39.500	159	Ups Car	2.9200	7200.0	79	25091	No

102	GOM_NL__2PRFIN20061217_223947_000000422053_00488_25091_0574.N1	17-DEC-2006 22:39:47	Dark	41.500	71	lot Car	2.2460	7700.0	83	25091	No
103	GOM_NL__2PRFIN20061217_224140_000000422053_00488_25091_0575.N1	17-DEC-2006 22:41:40	Dark	41.500	41	Eps Car	1.8600	4100.0	83	25091	No
104	GOM_NL__2PRFIN20061217_224629_000000472053_00488_25091_0576.N1	17-DEC-2006 22:46:29	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	25091	No
105	GOM_NL__2PRFIN20061217_225228_000000422053_00488_25091_0577.N1	17-DEC-2006 22:52:28	Straylight	42.000	108	Alp Col	2.6520	15200.	84	25091	No
106	GOM_NL__2PRFIN20061217_225633_000000432053_00488_25091_0578.N1	17-DEC-2006 22:56:33	Straylight	43.000	139	9Bet Lep	2.8330	5600.0	86	25091	No
107	GOM_NL__2PRFIN20061217_230026_000000502053_00488_25091_0579.N1	17-DEC-2006 23:00:26	Straylight	50.000	7	19Bet Ori	0.10000	14000.	100	25091	No
108	GOM_NL__2PRFIN20061217_230744_000000502053_00488_25091_0580.N1	17-DEC-2006 23:07:44	Twilight_stray	50.000	13	87Alp Tau	0.86700	3800.0	100	25091	No
109	GOM_NL__2PRFIN20061217_230959_000000352053_00488_25091_0581.N1	17-DEC-2006 23:09:59	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	25091	No
110	GOM_NL__2PRFIN20061217_231207_000000352053_00488_25091_0582.N1	17-DEC-2006 23:12:07	Bright	35.000	150	44Zet Per	2.8900	28000.	70	25091	No
111	GOM_NL__2PRFIN20061217_231423_000000352053_00488_25091_0583.N1	17-DEC-2006 23:14:23	Bright	35.000	149	45Eps Per	2.8880	30000.	70	25091	No
112	GOM_NL__2PRFIN20061217_231636_000000332053_00488_25091_0584.N1	17-DEC-2006 23:16:36	Bright	33.000	175	39Del Per	3.0100	19400.	66	25091	No
113	GOM_NL__2PRFIN20061217_231824_000000352053_00488_25091_0585.N1	17-DEC-2006 23:18:24	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	25091	No
114	GOM_NL__2PRFIN20061217_232817_000000322053_00488_25091_0586.N1	17-DEC-2006 23:28:17	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	25091	No
115	GOM_NL__2PRFIN20061217_233259_000000382053_00488_25091_0587.N1	17-DEC-2006 23:32:59	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	25091	No
116	GOM_NL__2PRFIN20061217_233618_000000372053_00488_25091_0588.N1	17-DEC-2006 23:36:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25091	No
117	GOM_NL__2PRFIN20061217_234335_000000372053_00488_25091_0589.N1	17-DEC-2006 23:43:35	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	25091	No
118	GOM_NL__2PRFIN20061217_234650_000000362053_00488_25091_0590.N1	17-DEC-2006 23:46:50	Bright	35.500	83		2.3780	11000.	71	25091	No
119	GOM_NL__2PRFIN20061217_235856_000000372053_00488_25091_0591.N1	17-DEC-2006 23:58:56	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	25091	No

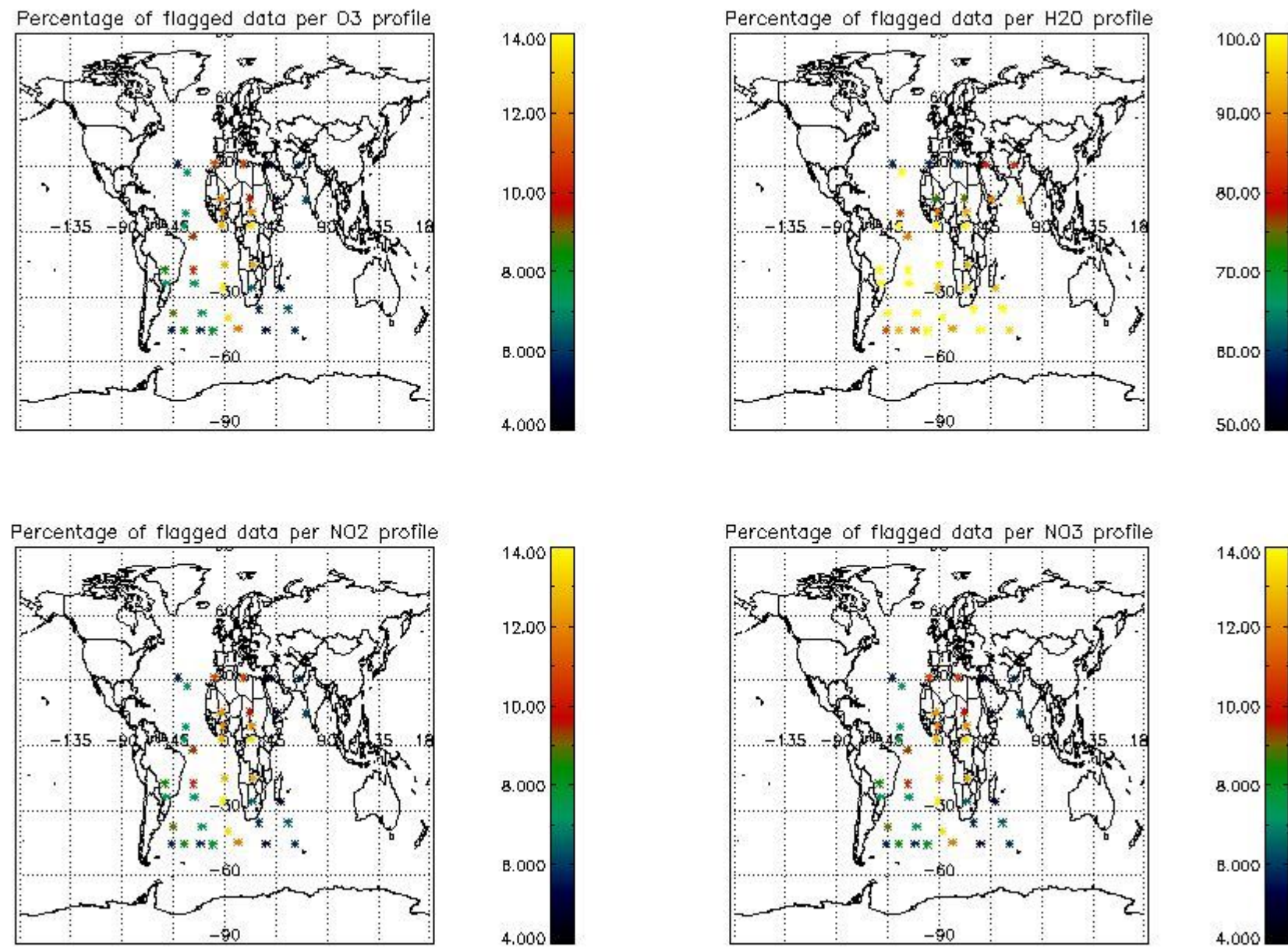
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

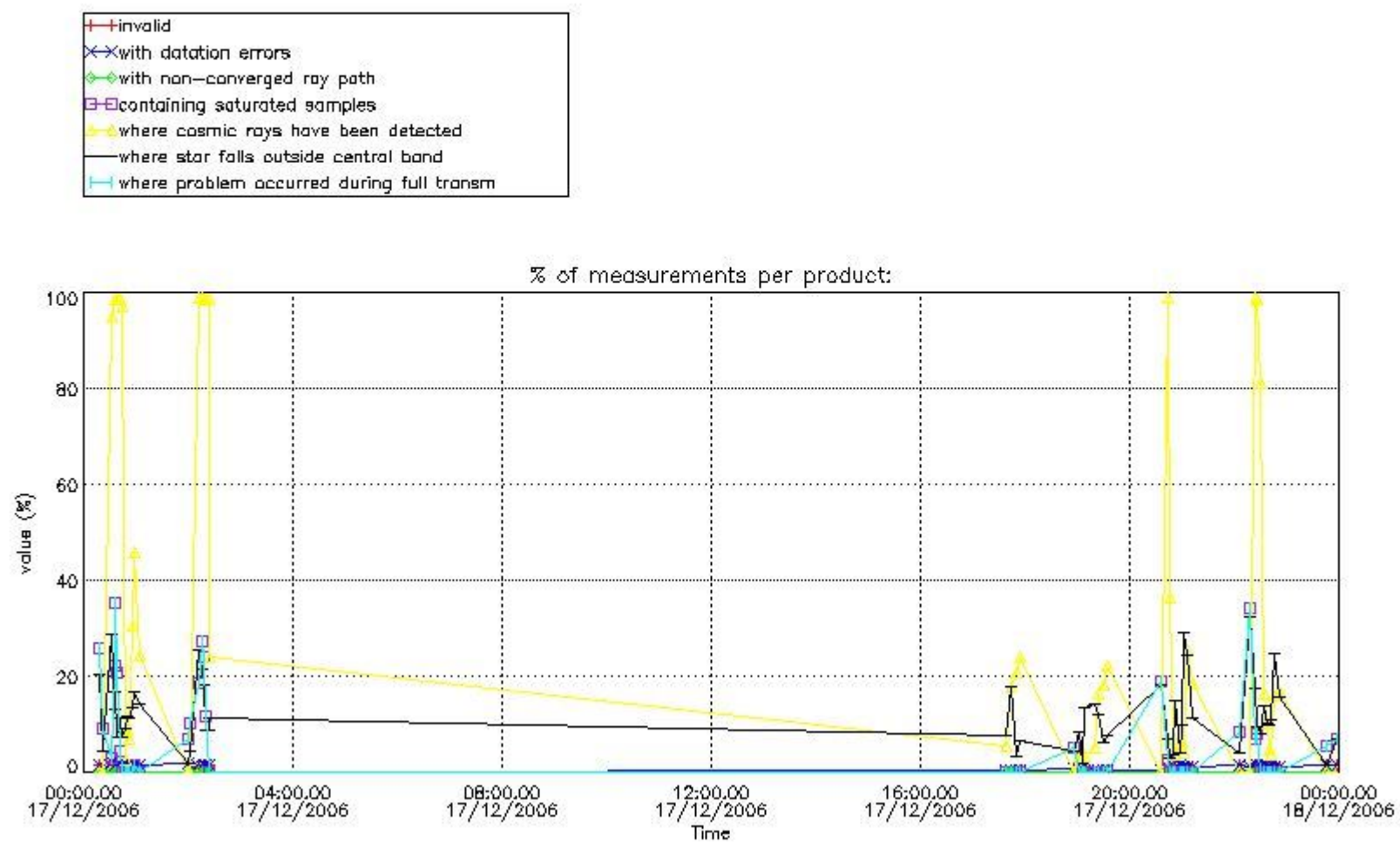


4. Level 1 quality information per product

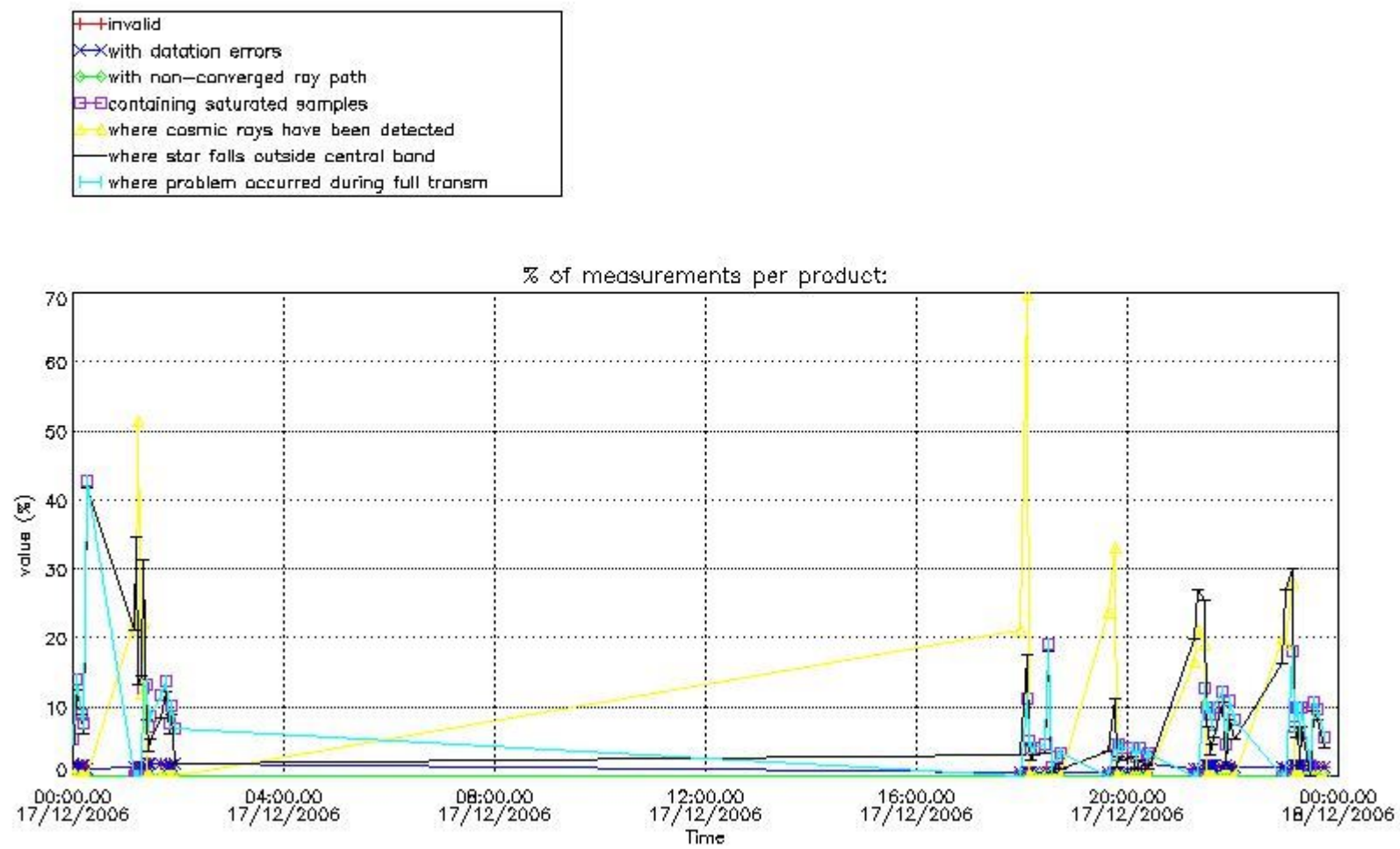
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



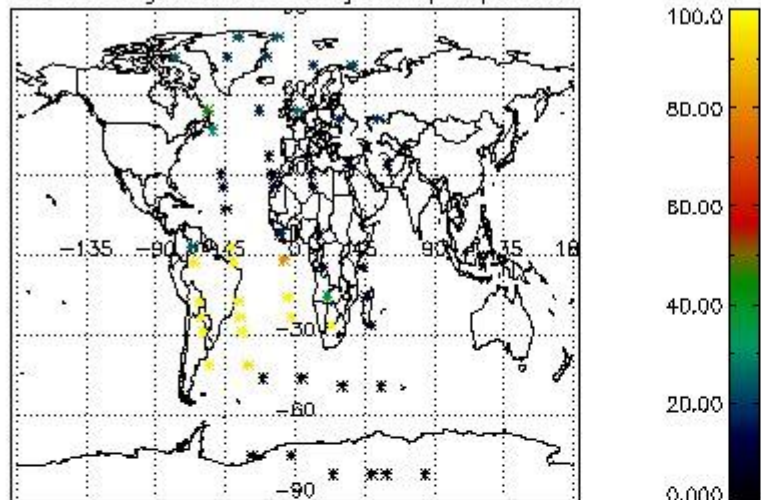
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



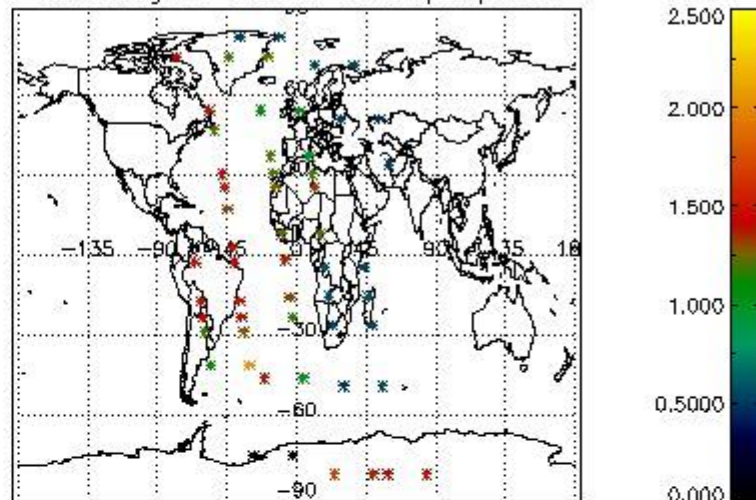
4.2 Plot quality information per product coming from level 1b processing (world map)

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

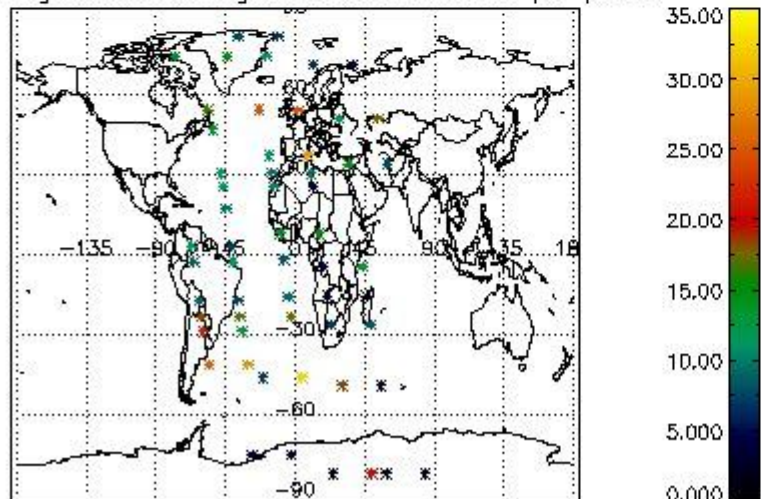
Percentage of cosmic ray hits per profile



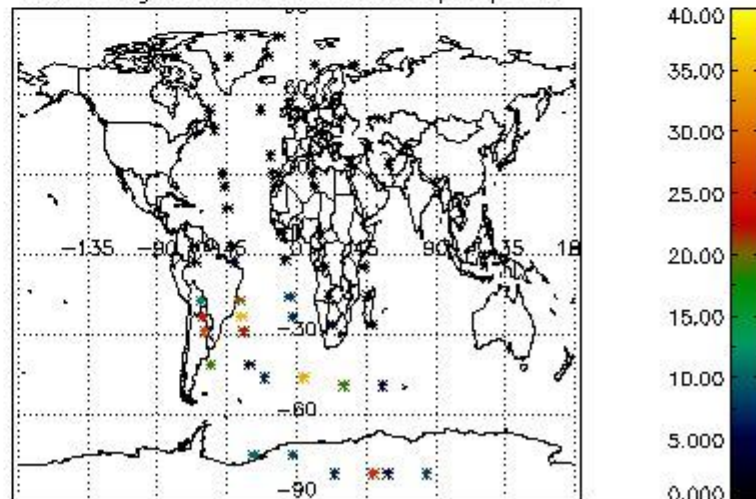
Percentage of datation errors per profile



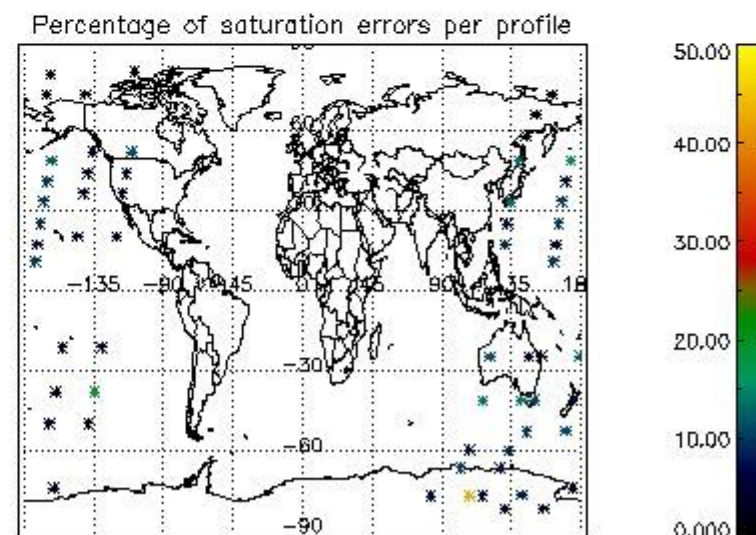
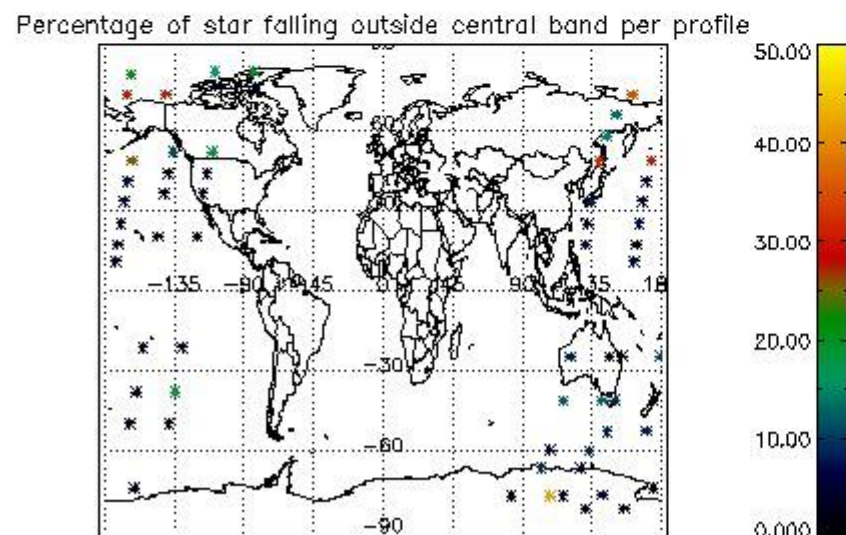
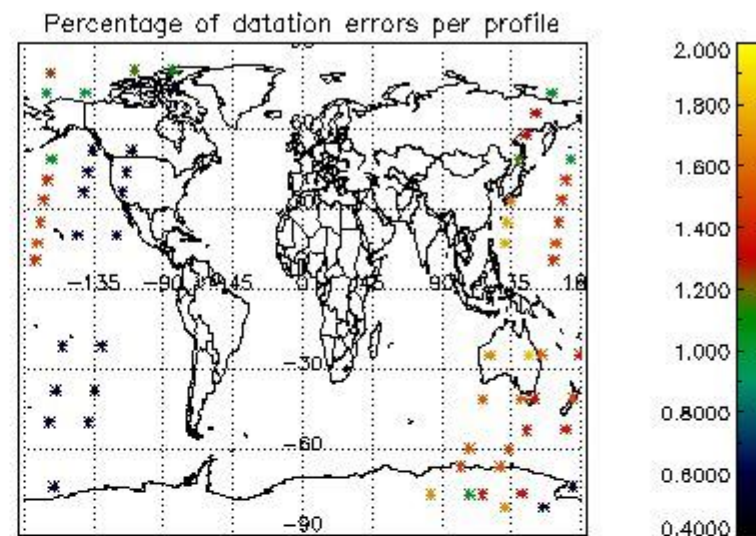
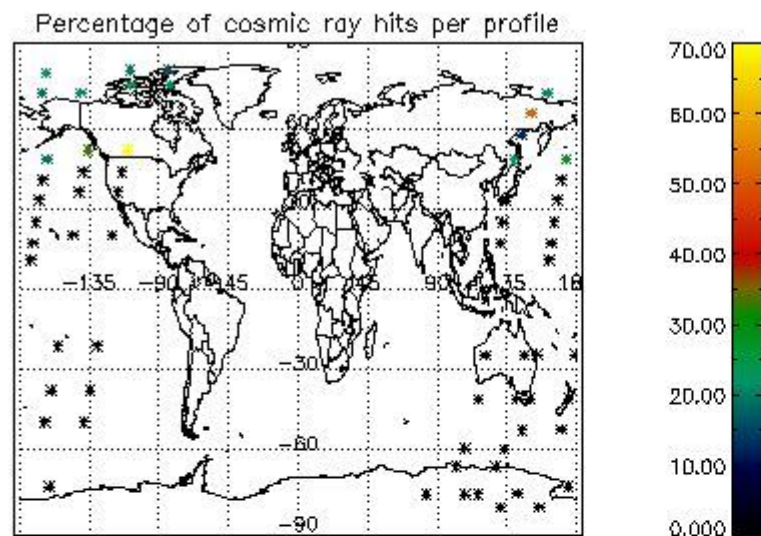
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

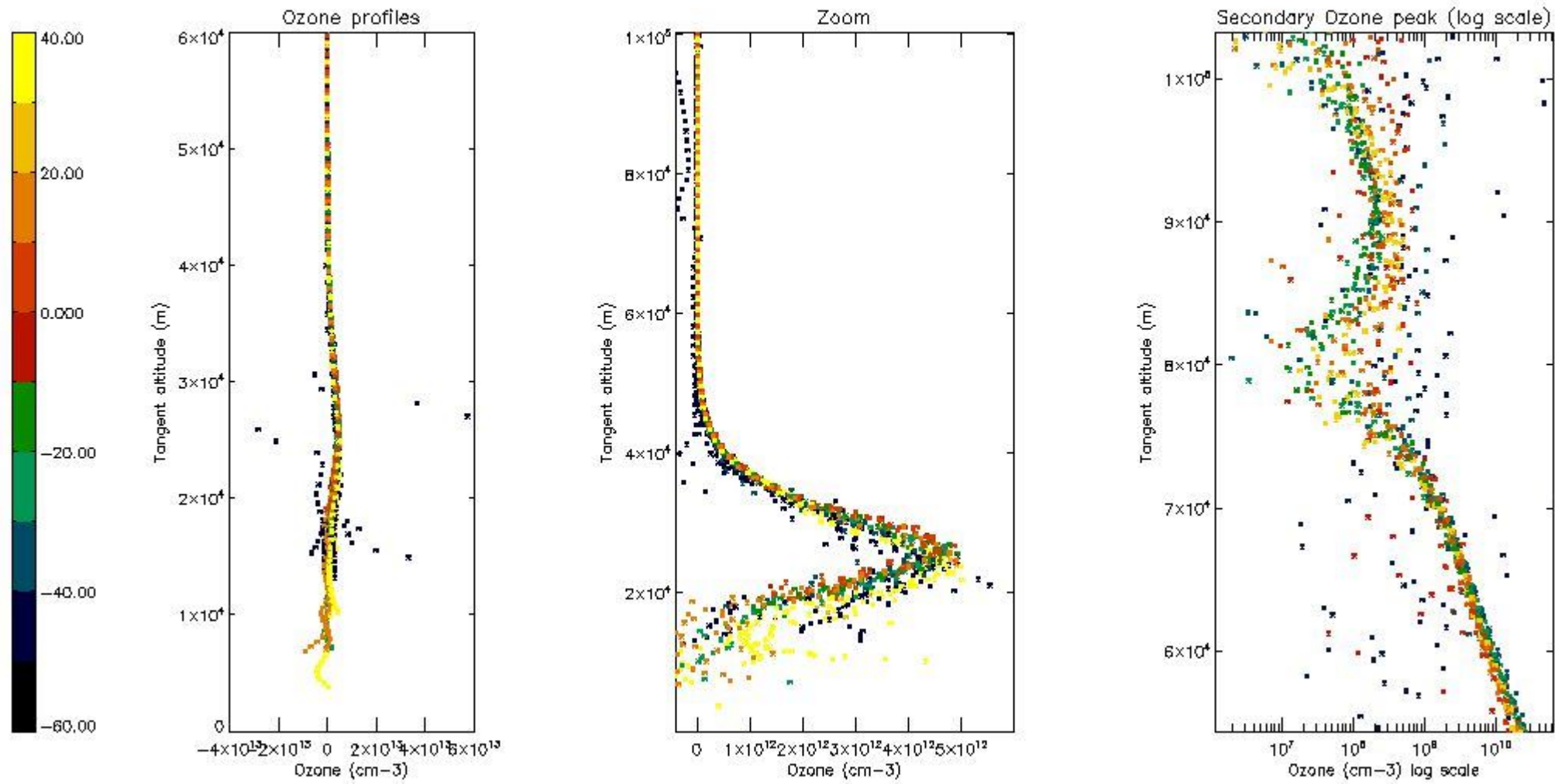
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	13

STD < 10	9
STD < 5	5

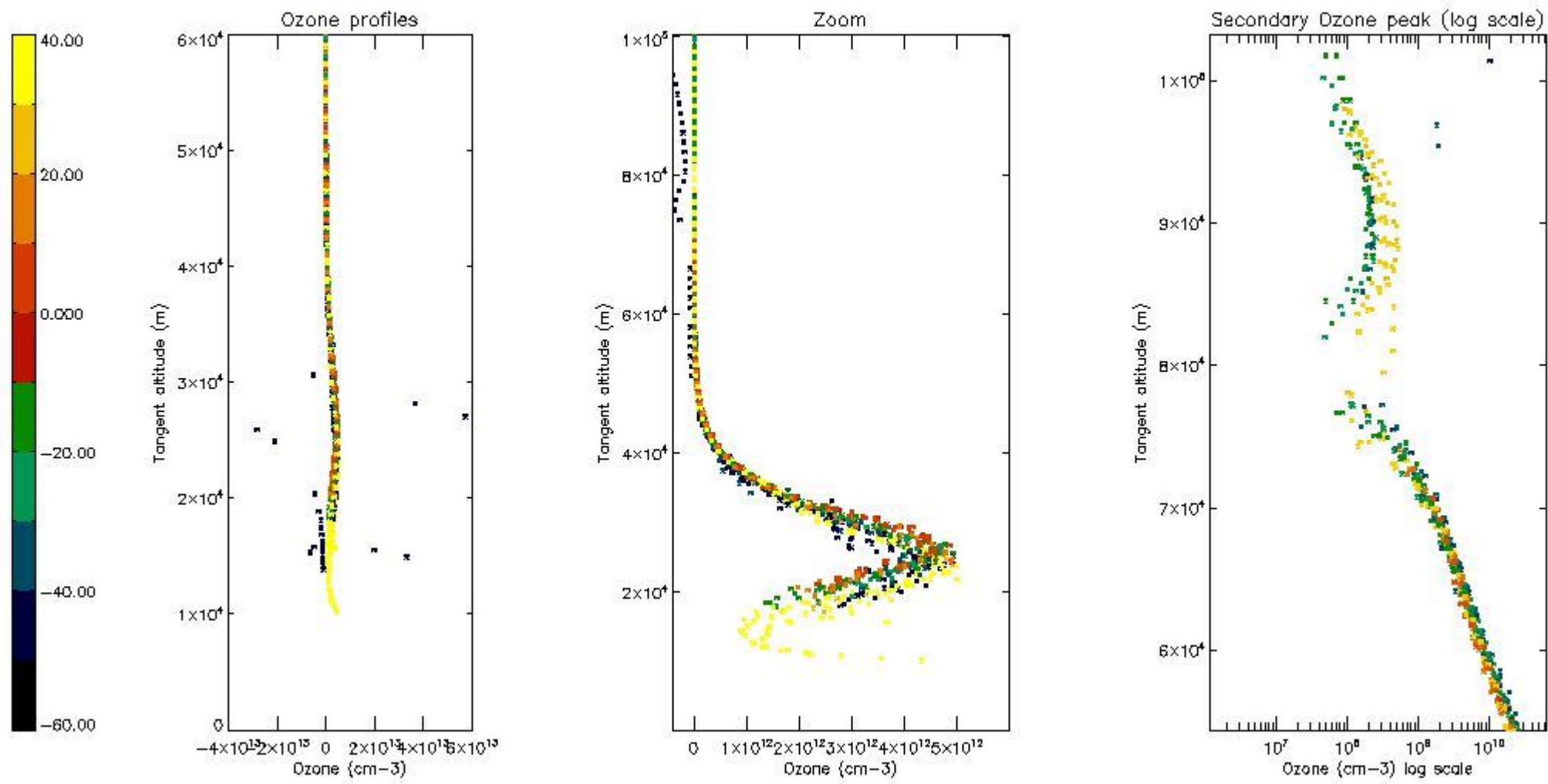
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



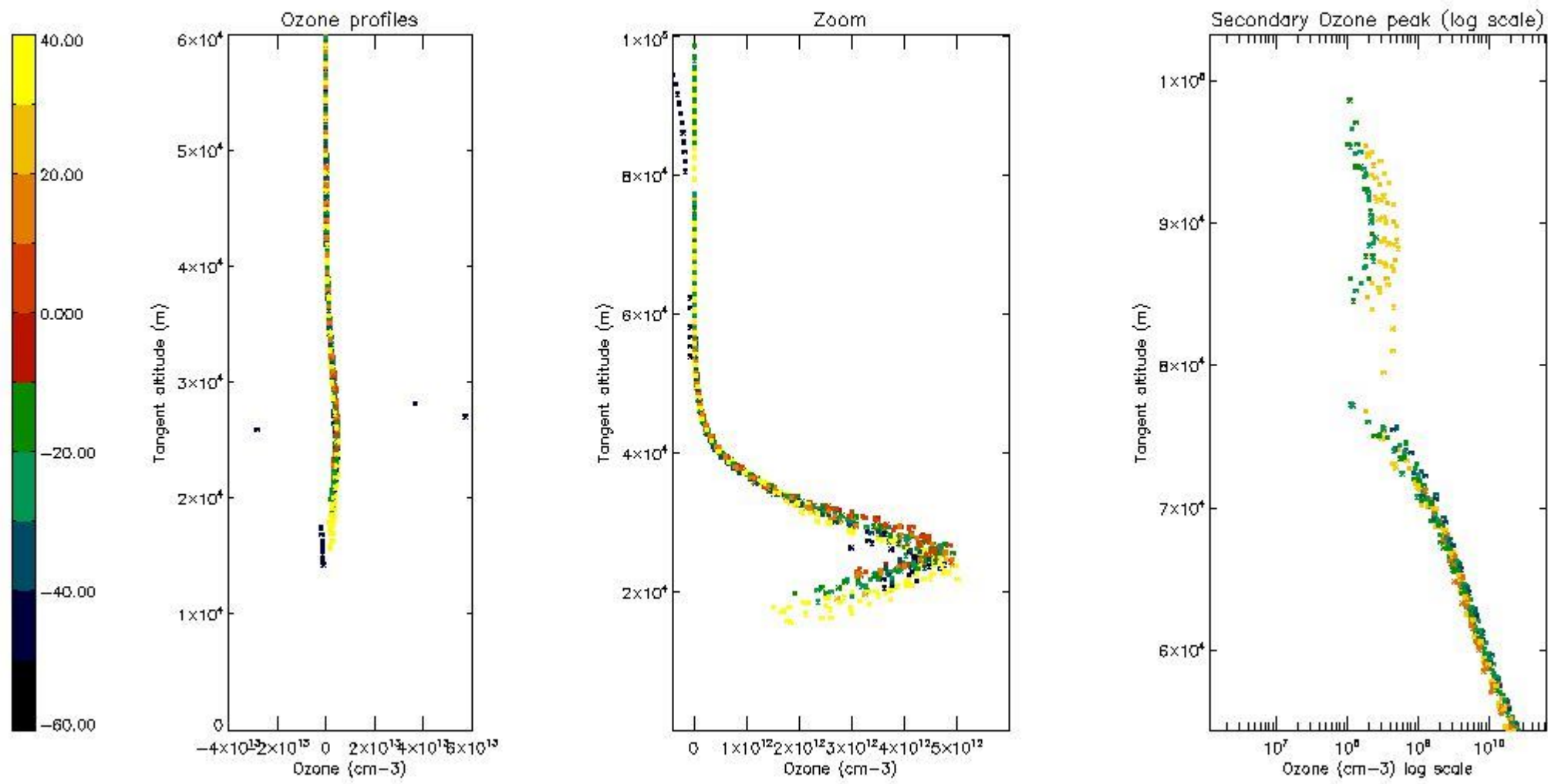
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



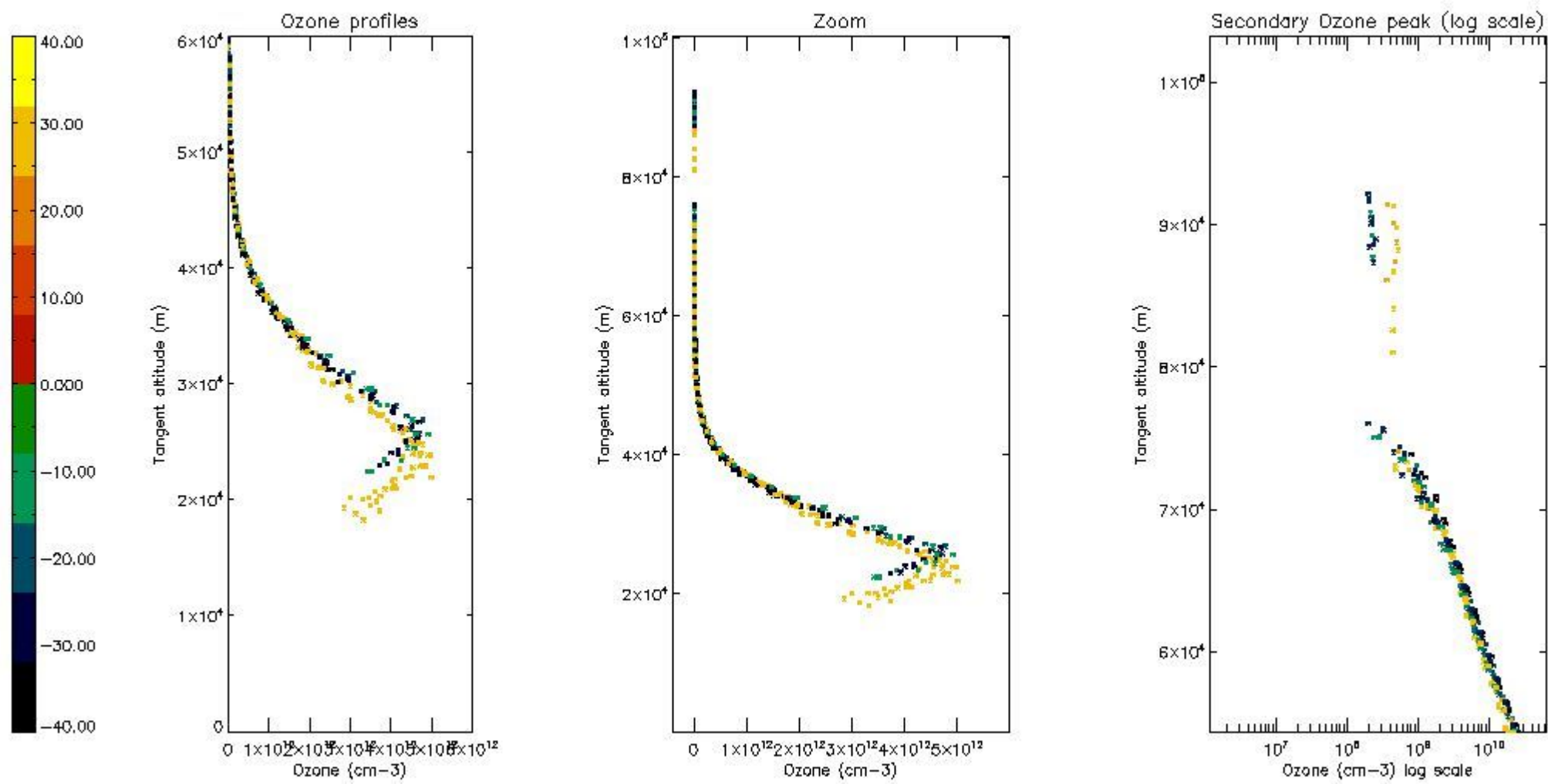
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



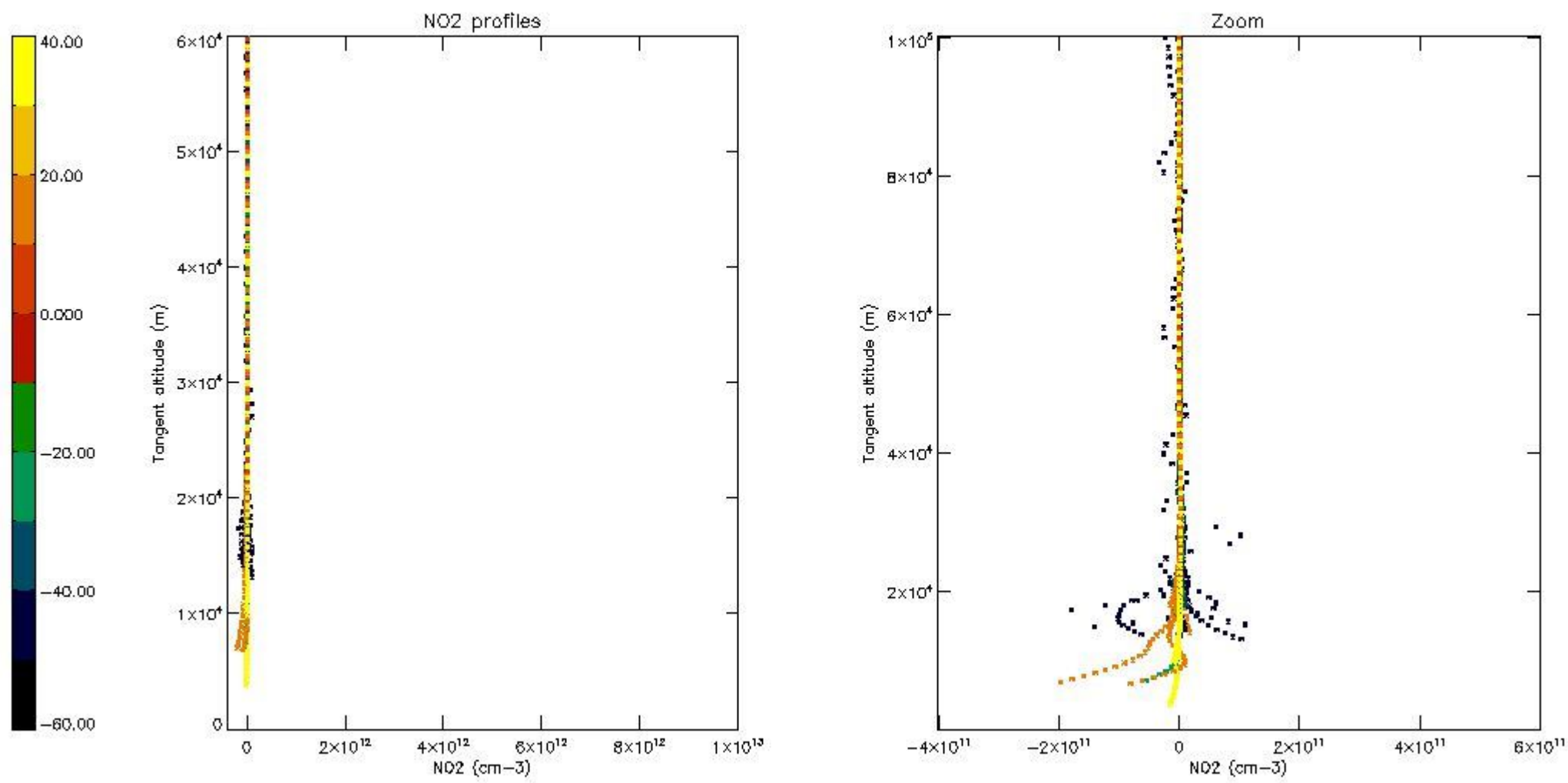
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



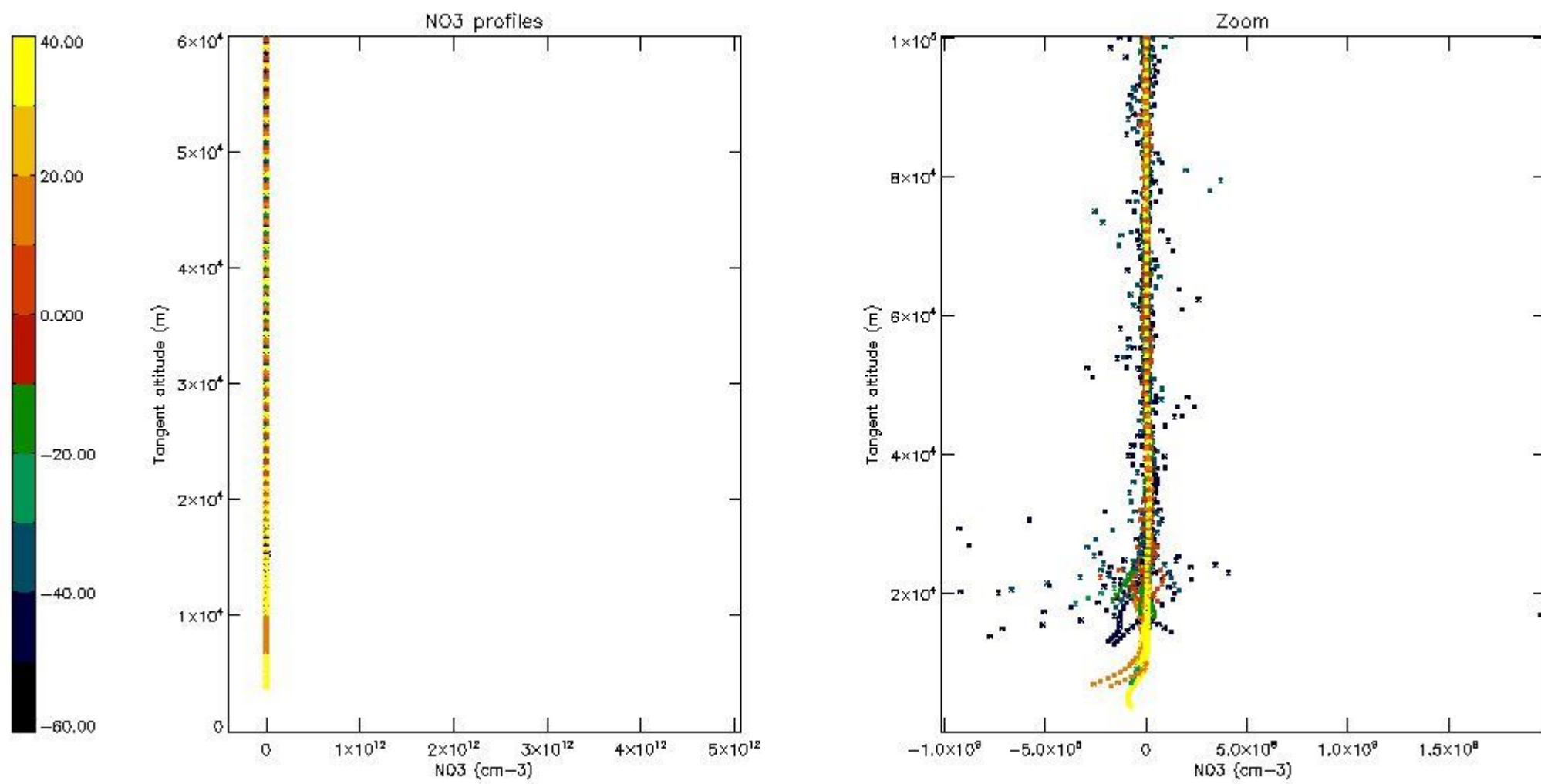
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



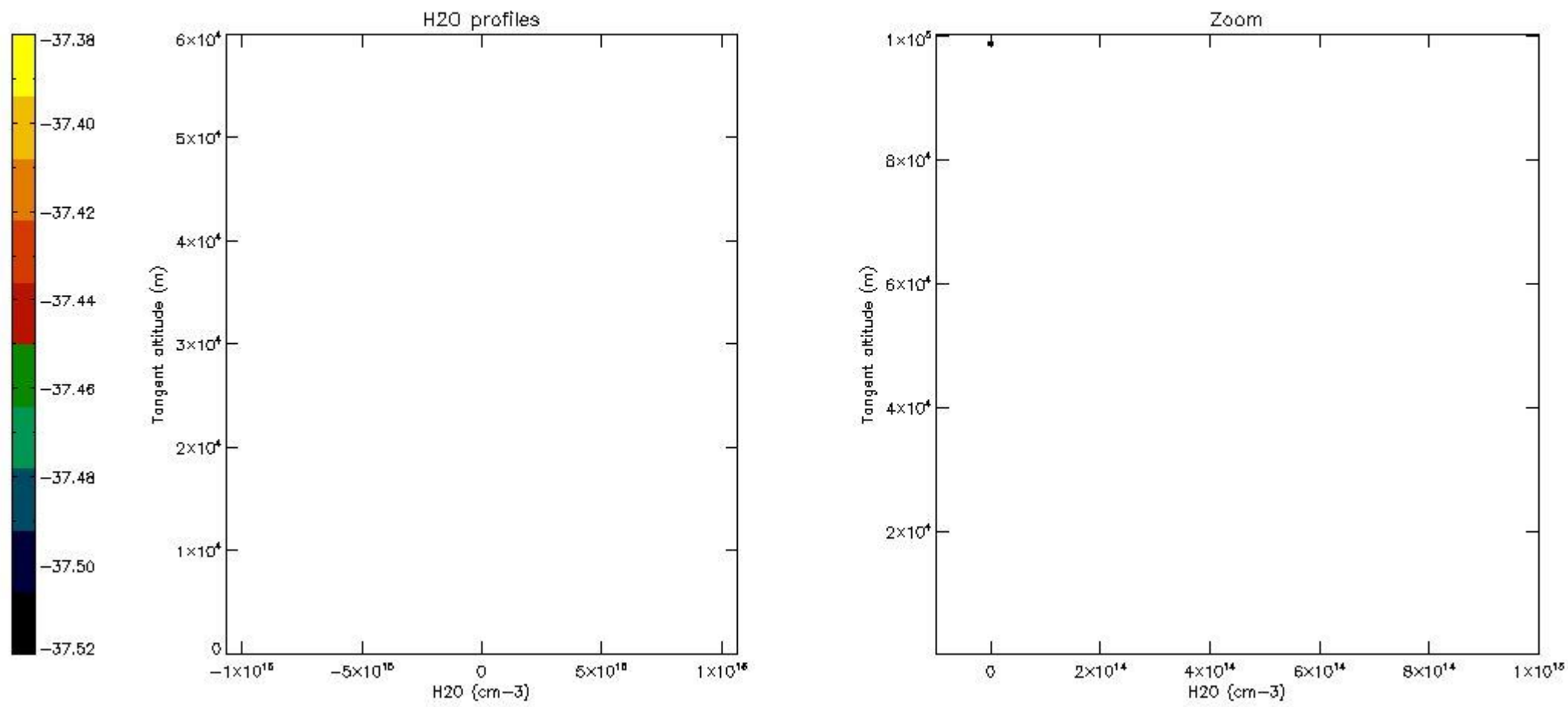
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

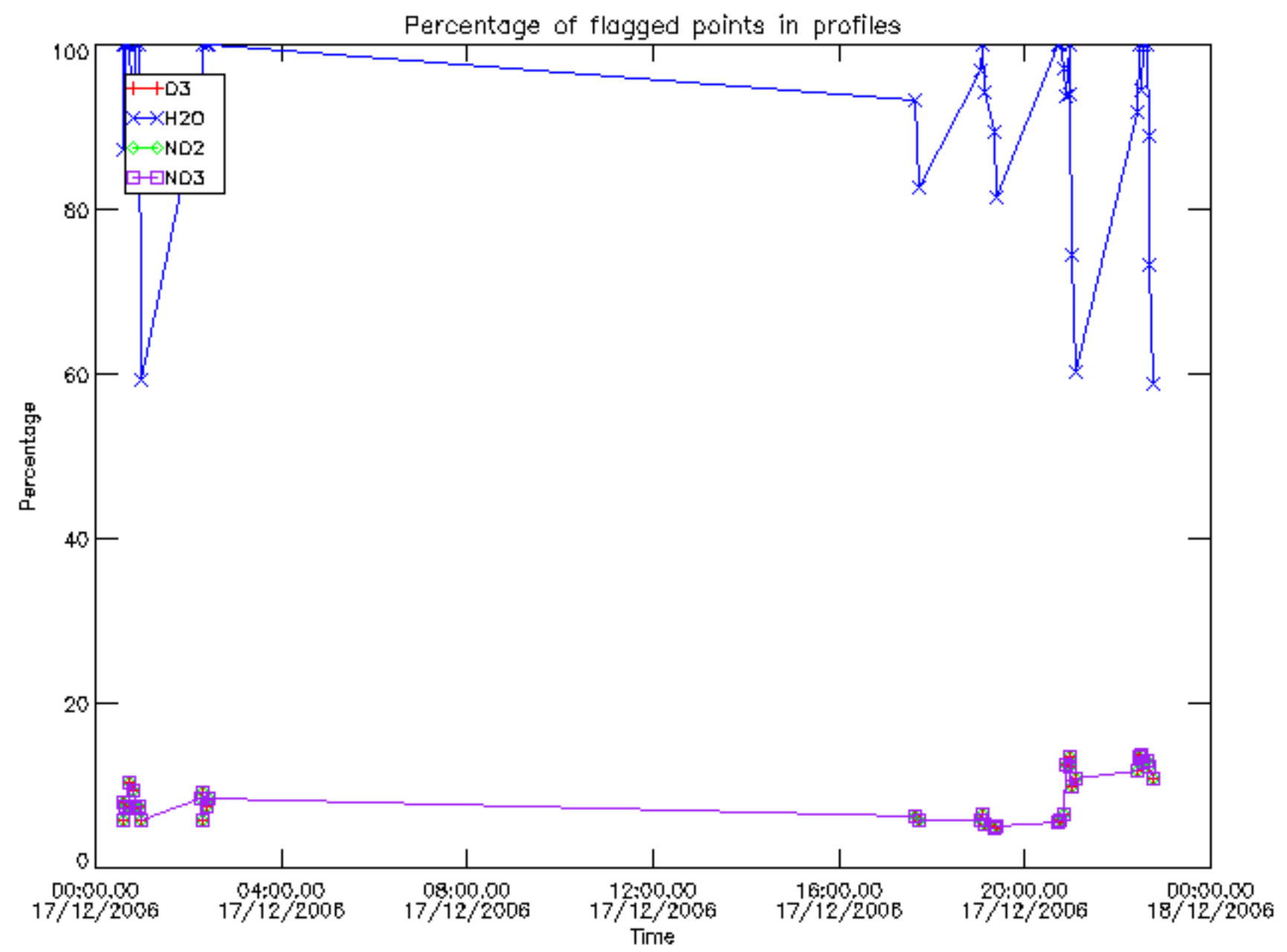
The colorbar represents the latitude.



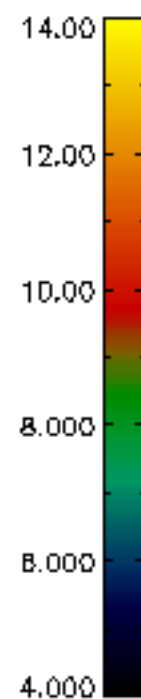
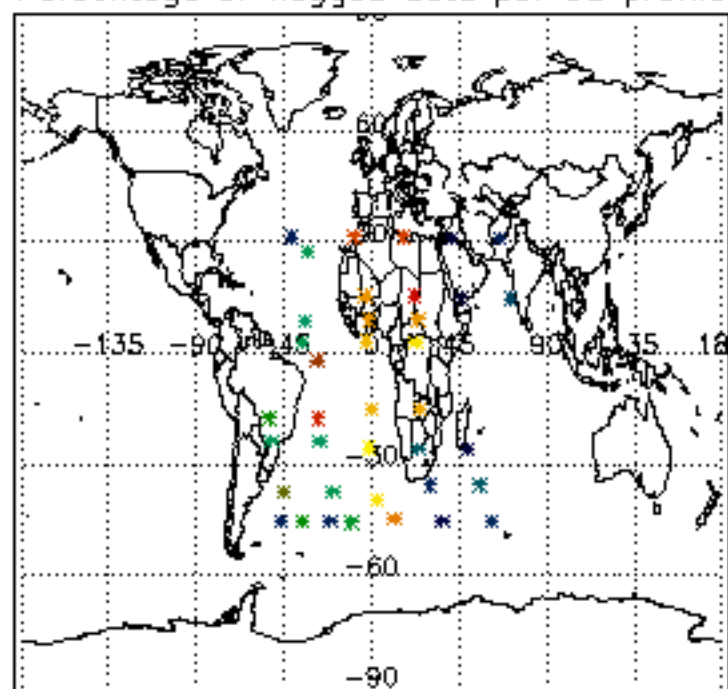
6. Auxiliary Data Files used for the production reported in section 2

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.

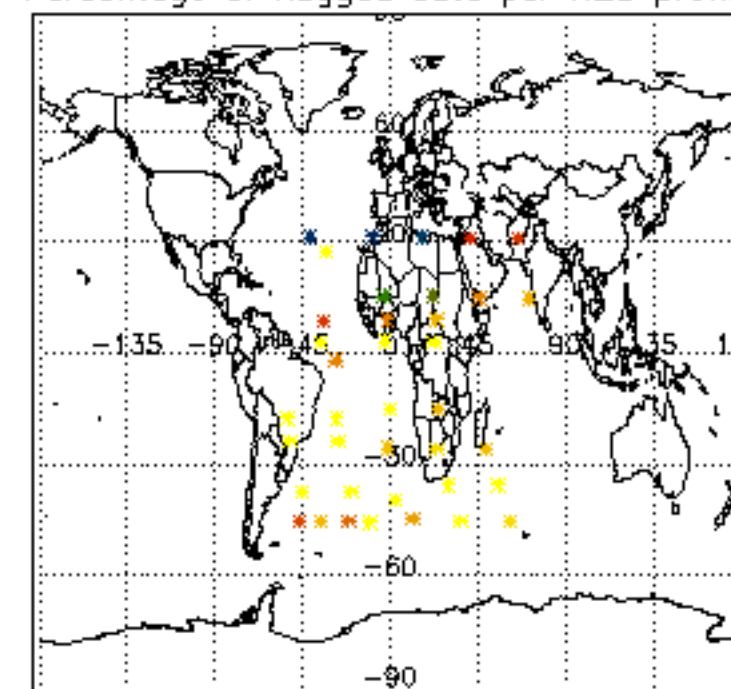
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-DEC-2006 00:00:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-DEC-2006 00:00:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-DEC-2006 00:00:00



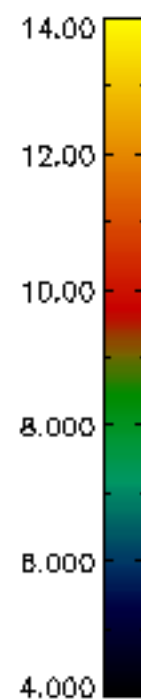
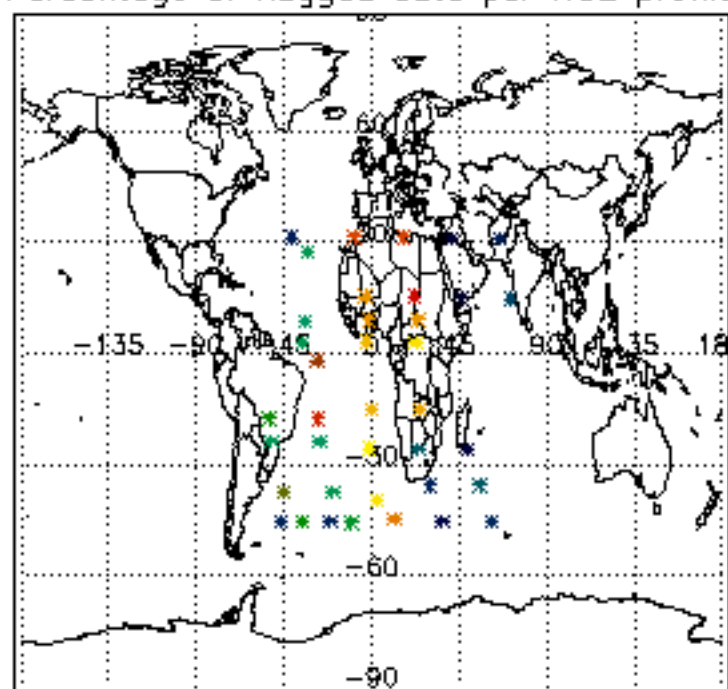
Percentage of flagged data per D3 profile



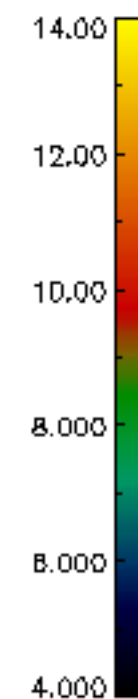
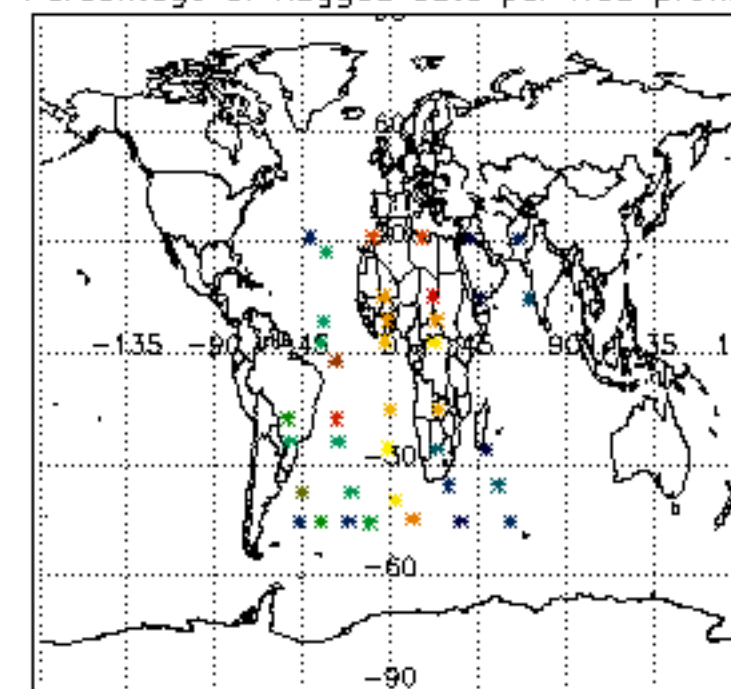
Percentage of flagged data per H2O profile

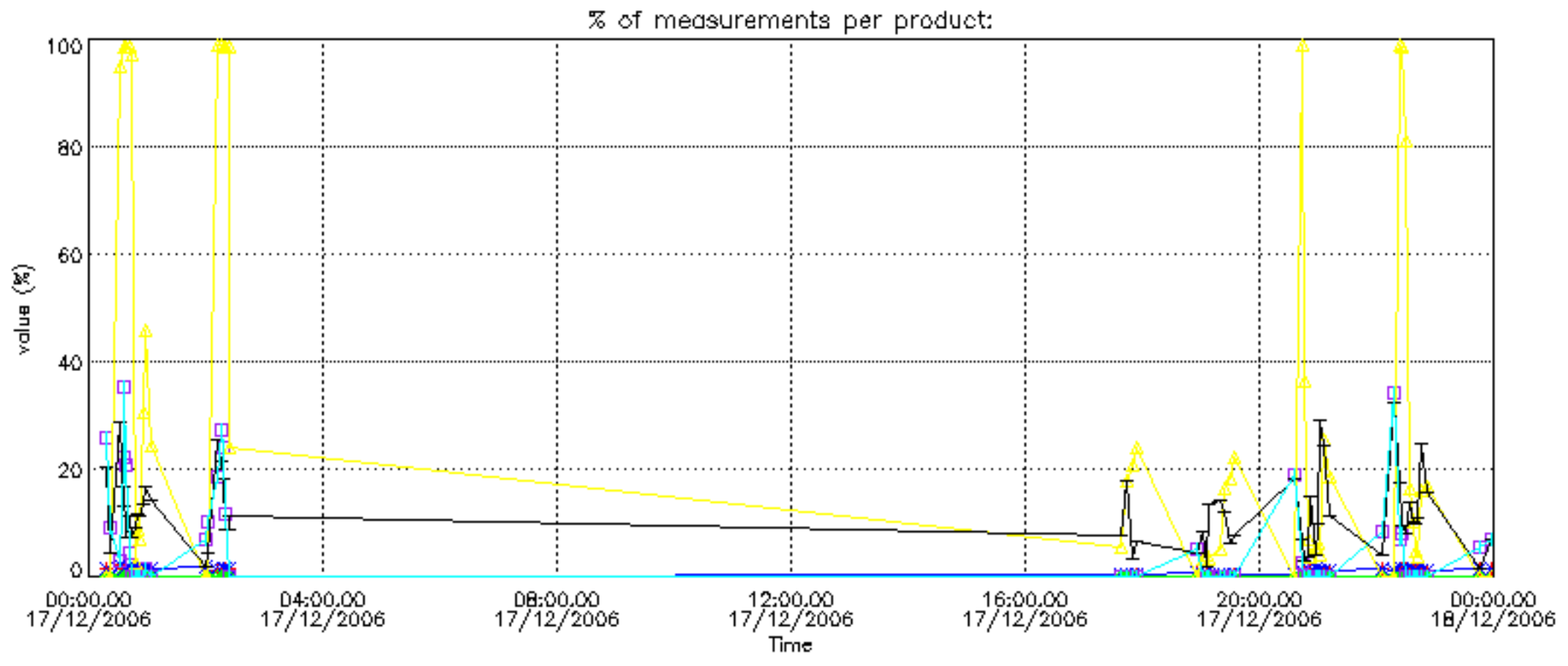


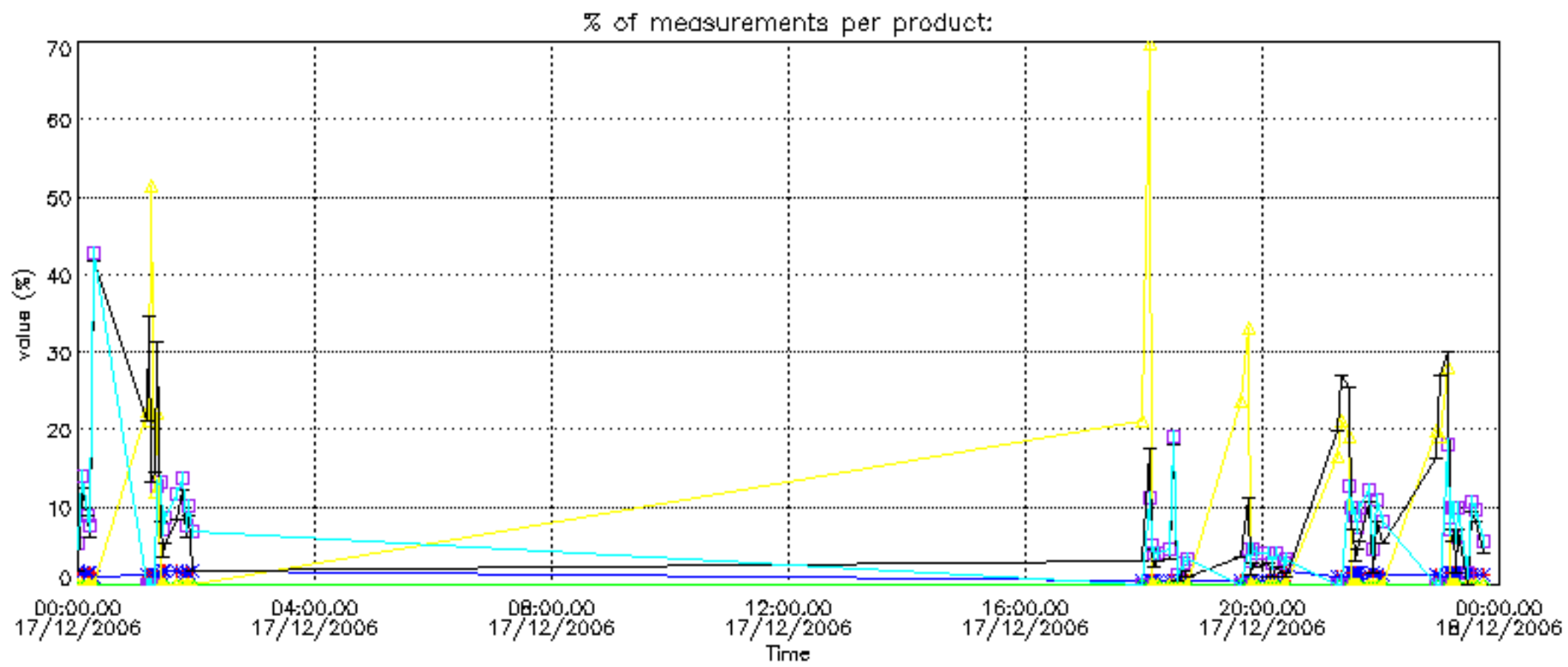
Percentage of flagged data per NO2 profile



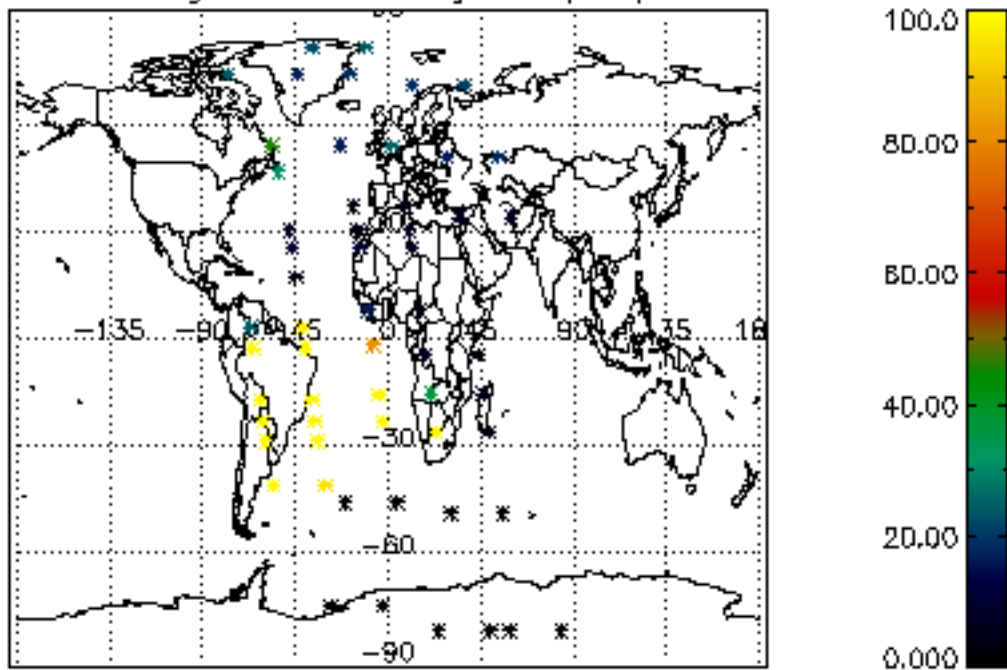
Percentage of flagged data per NO3 profile



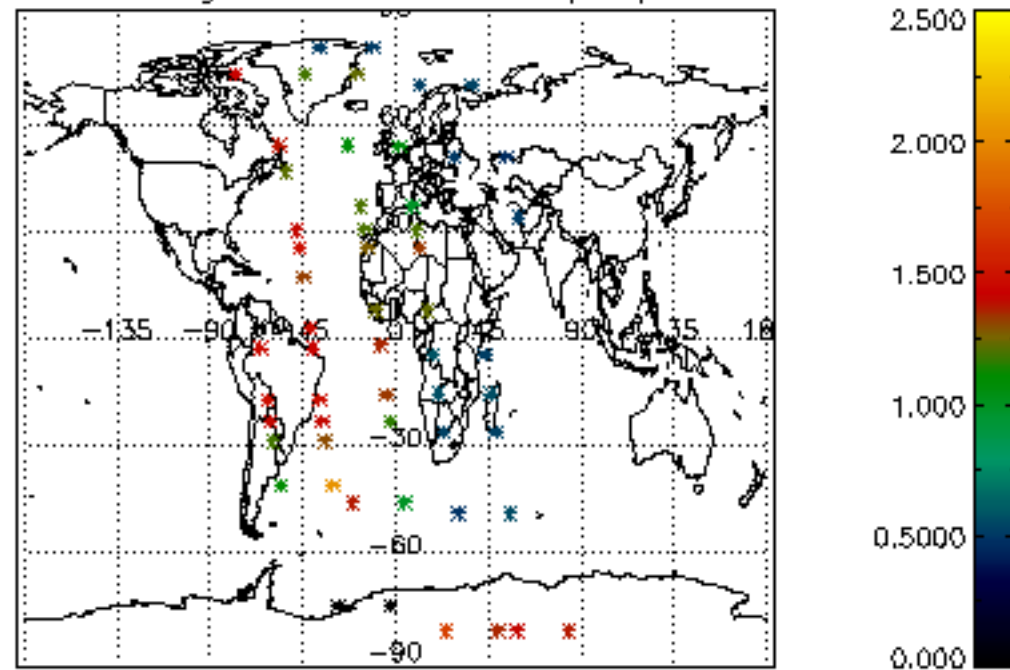




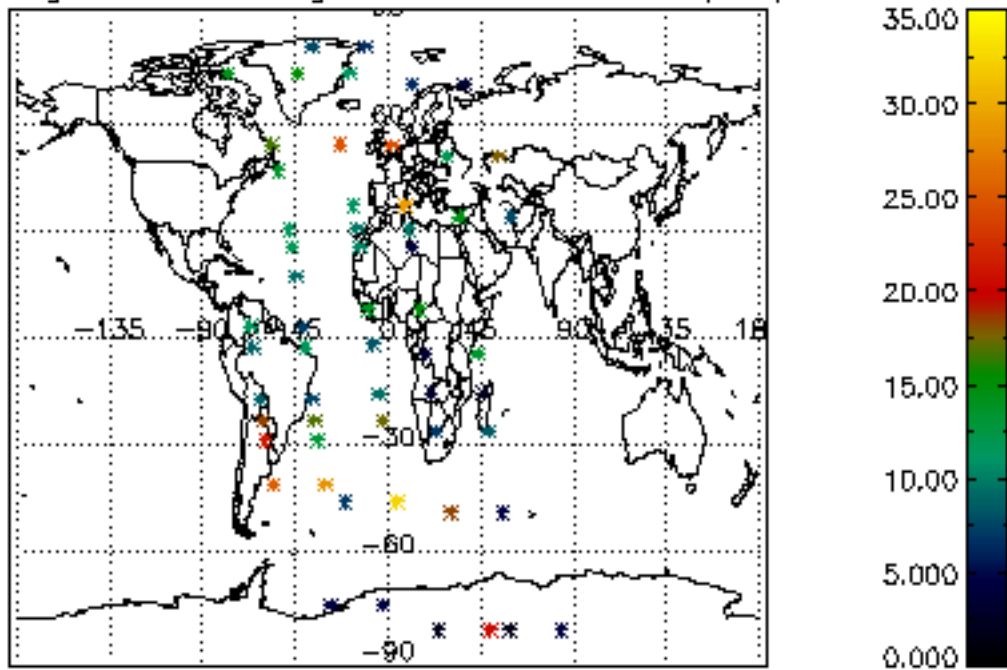
Percentage of cosmic ray hits per profile



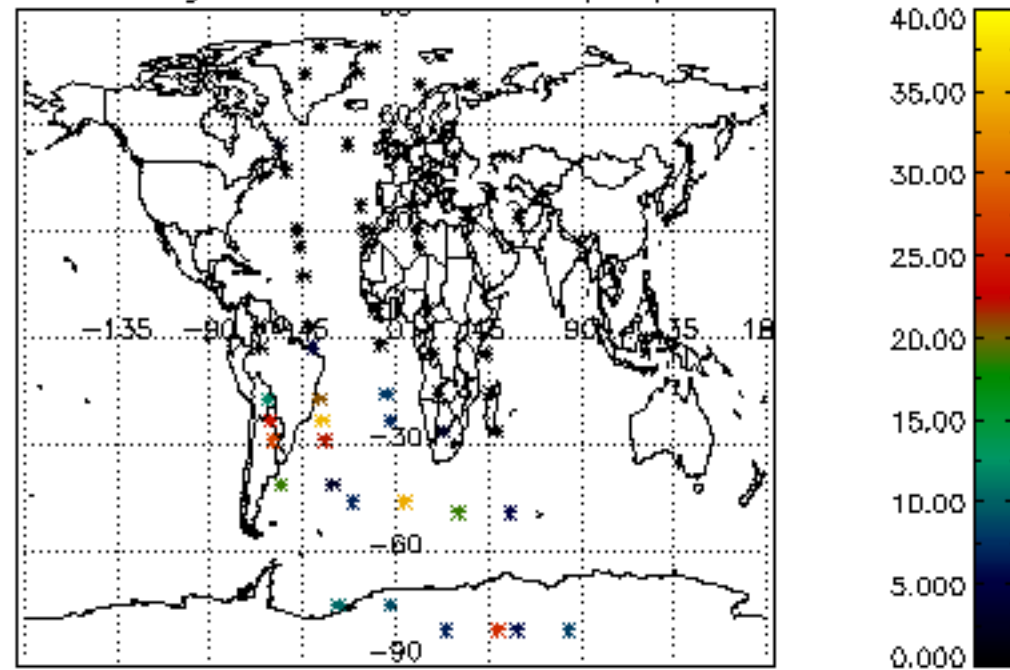
Percentage of datation errors per profile



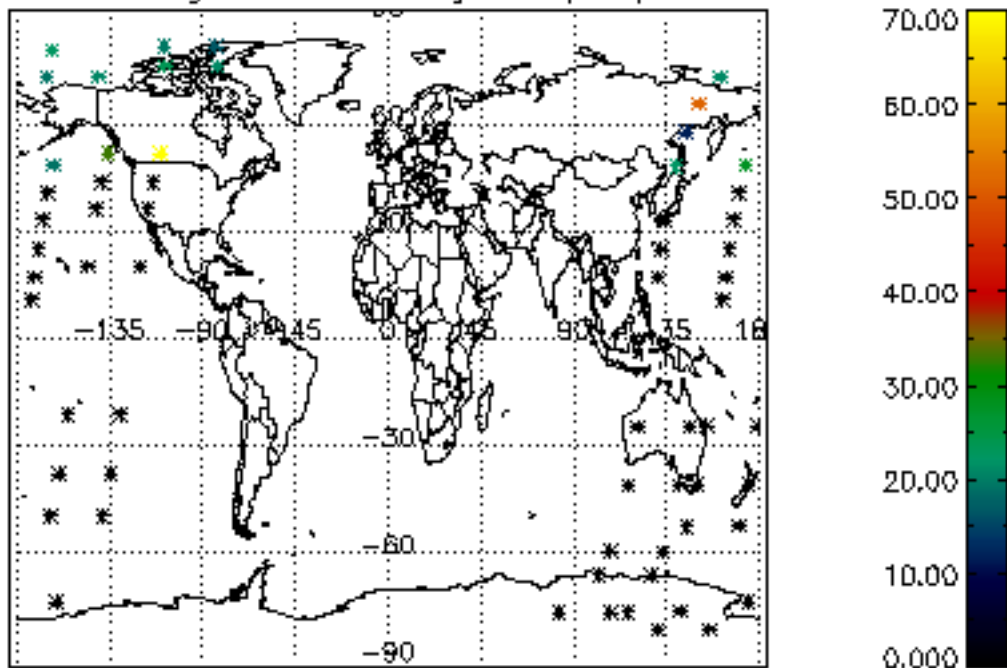
Percentage of star falling outside central band per profile



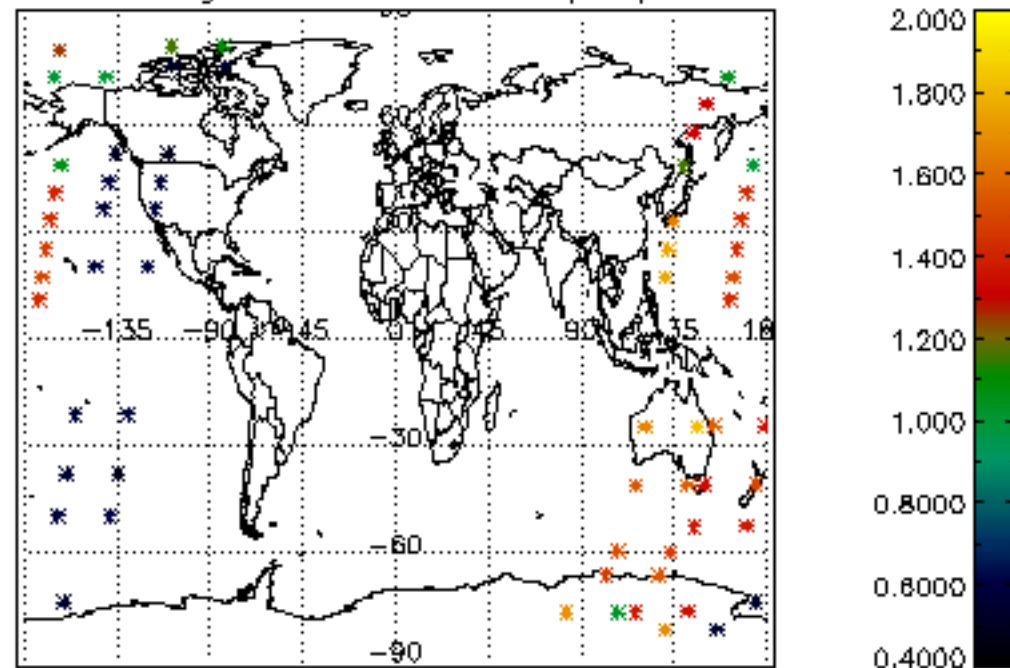
Percentage of saturation errors per profile



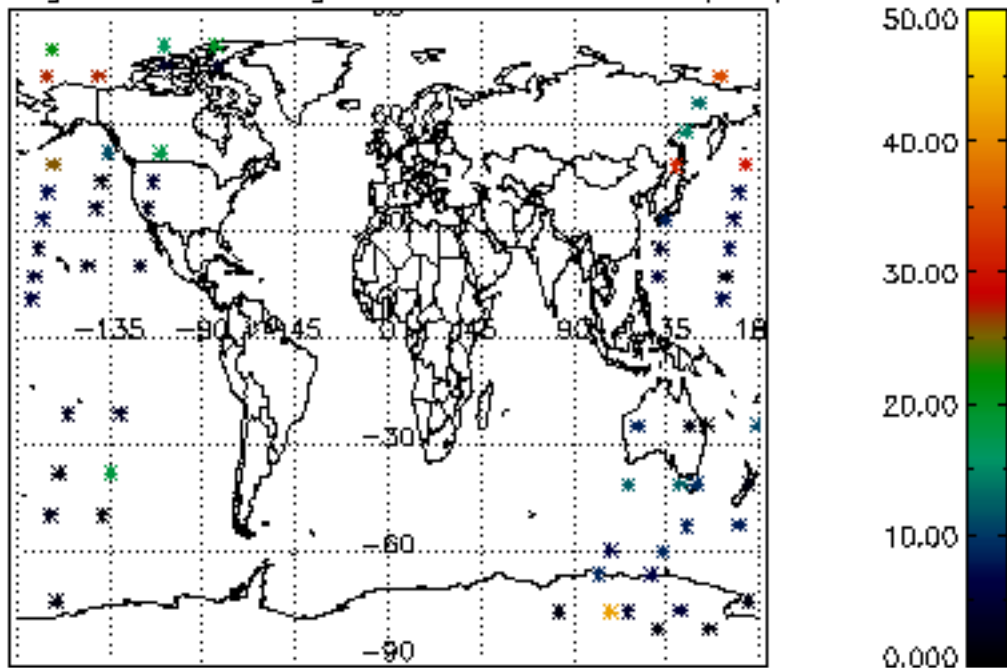
Percentage of cosmic ray hits per profile



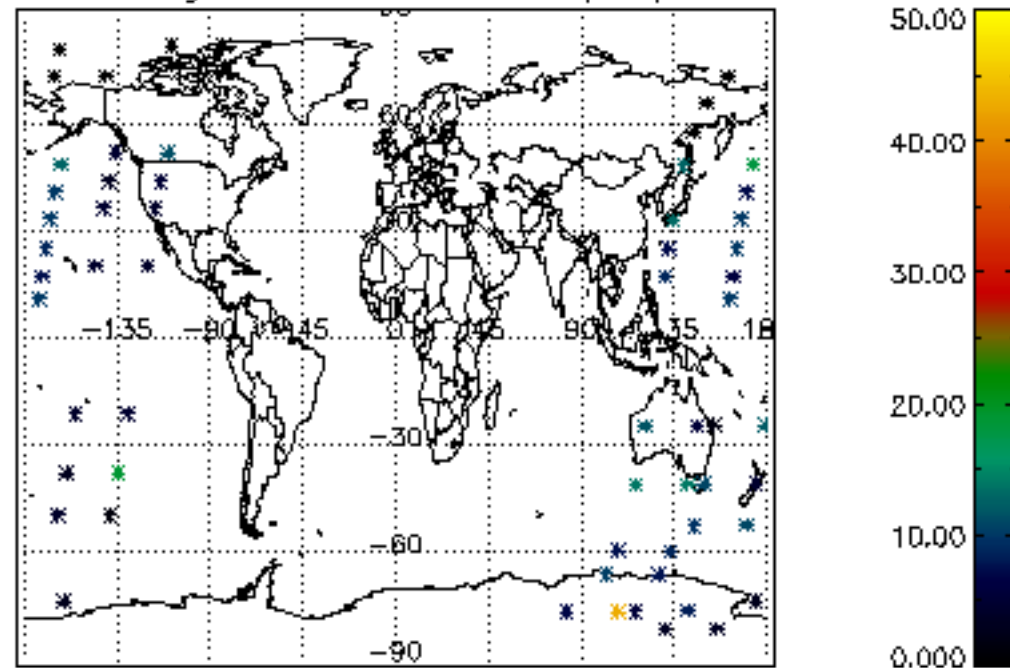
Percentage of datation errors per profile

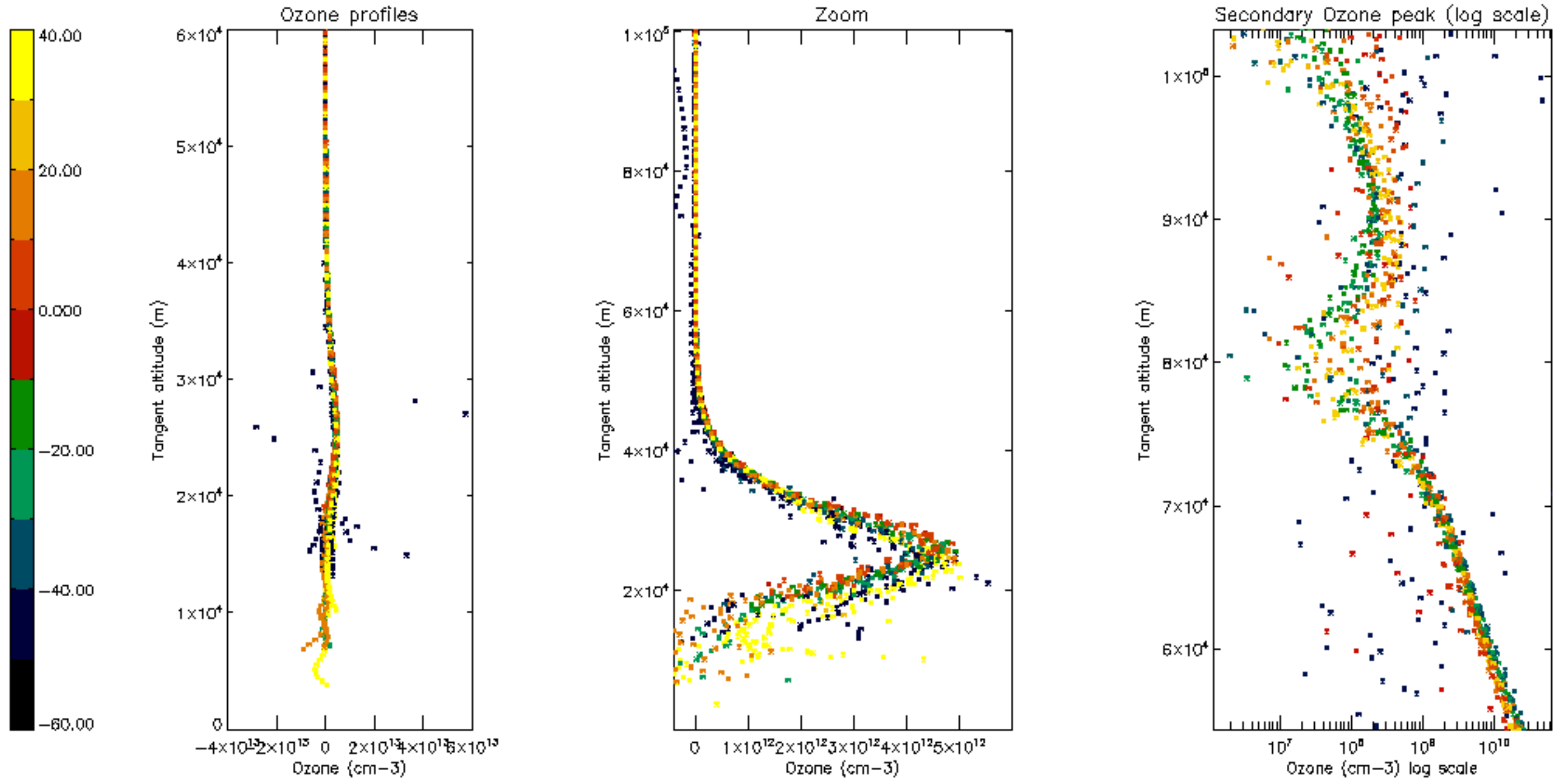


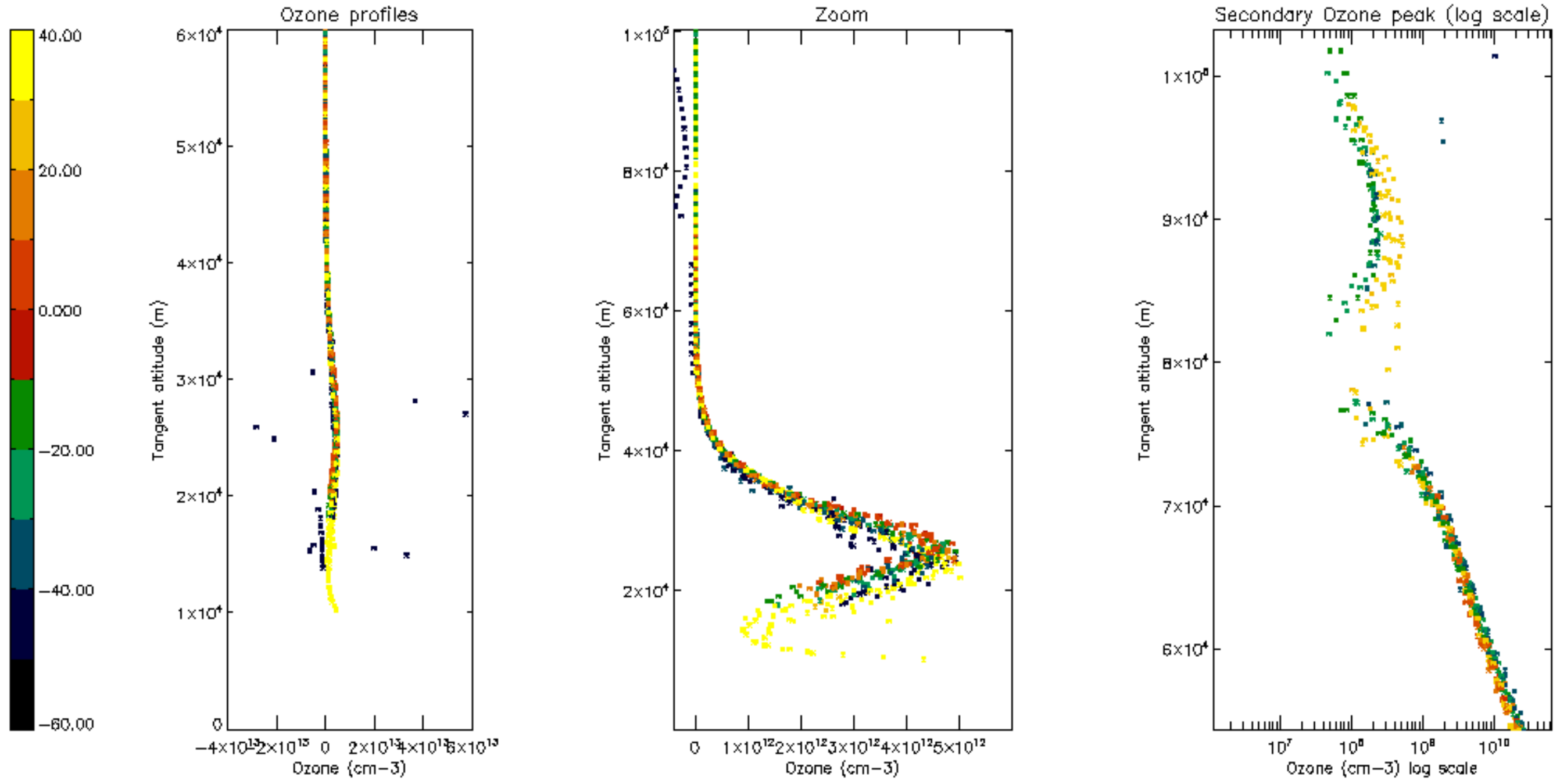
Percentage of star falling outside central band per profile

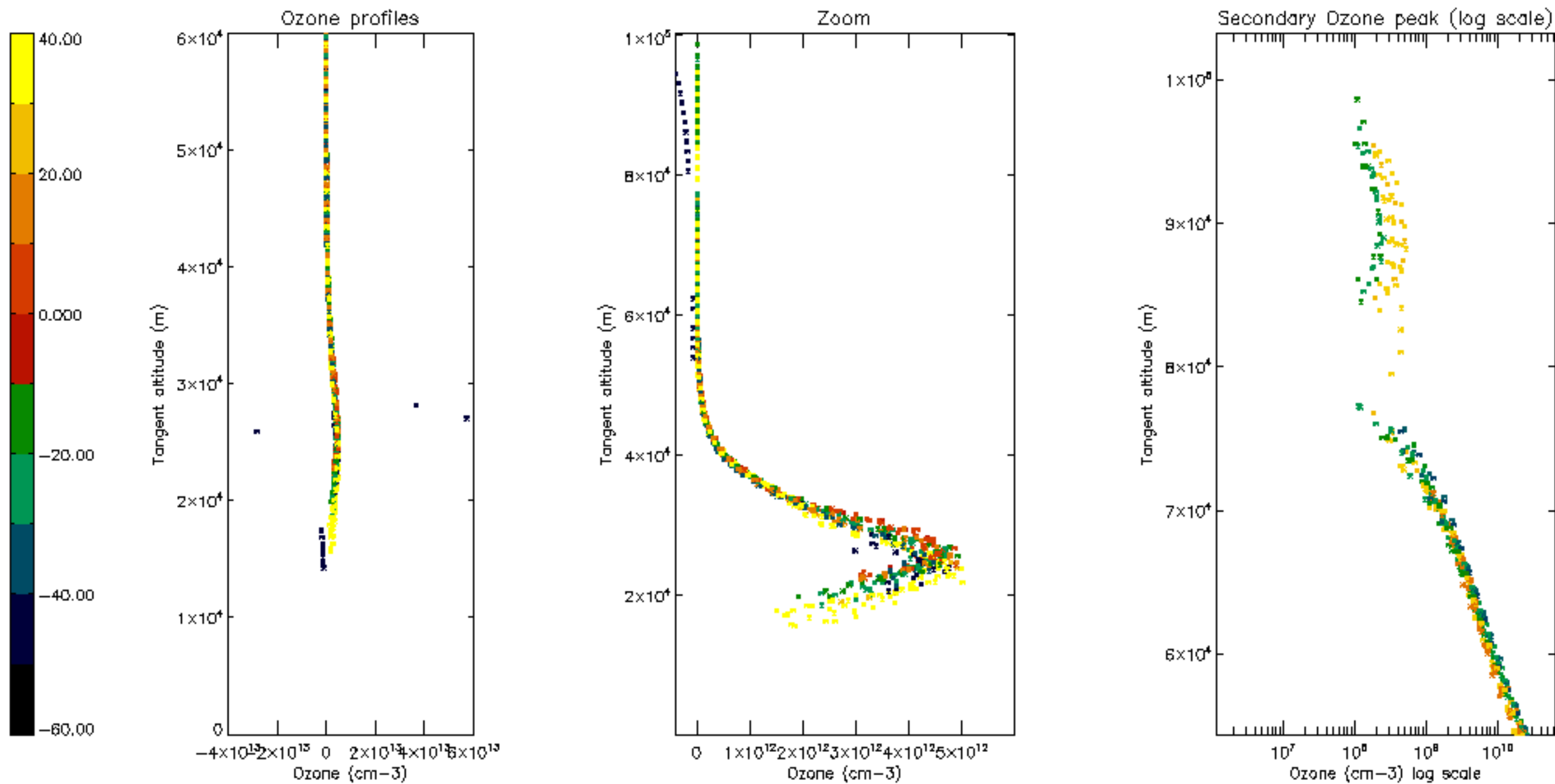


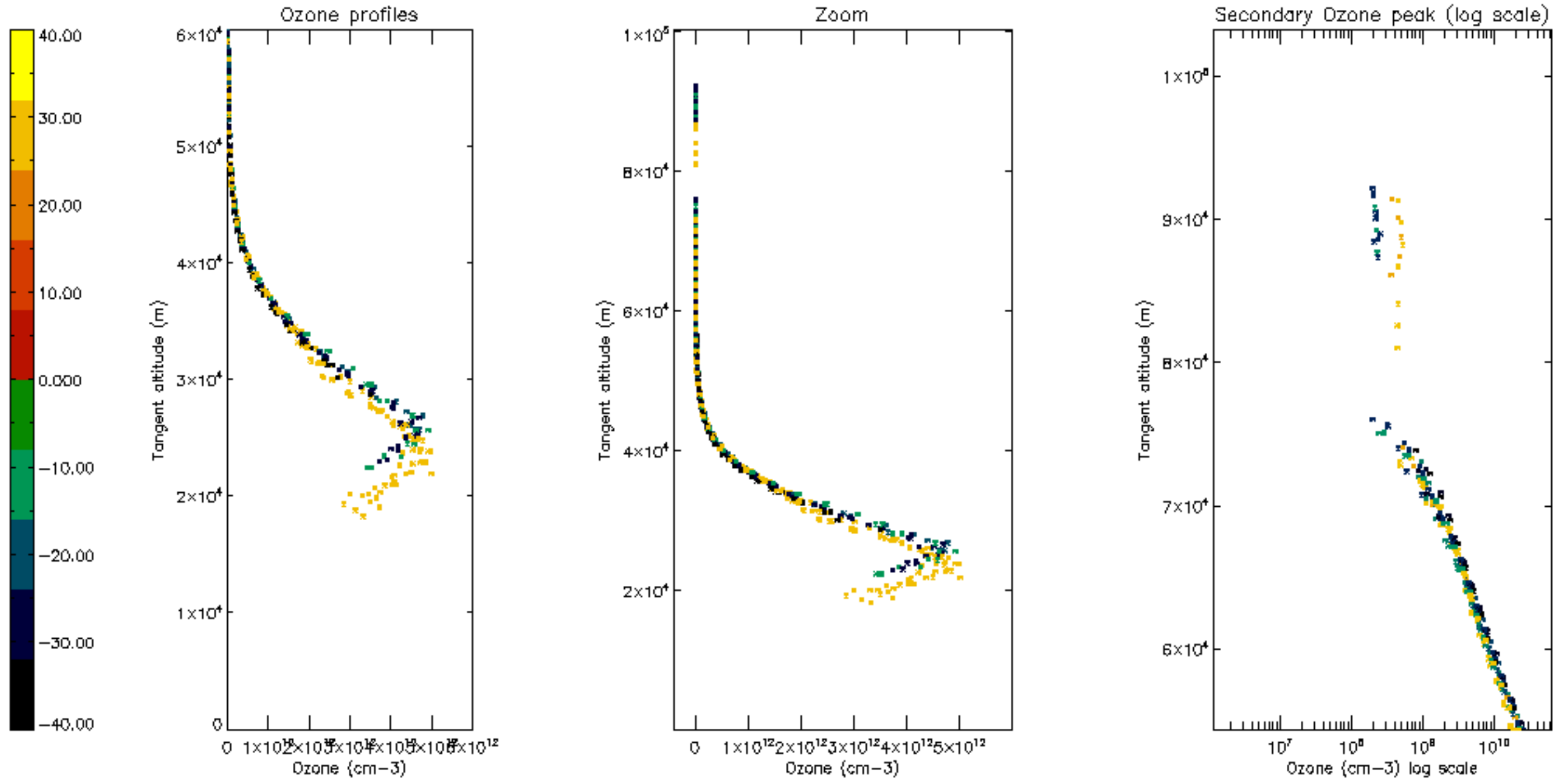
Percentage of saturation errors per profile

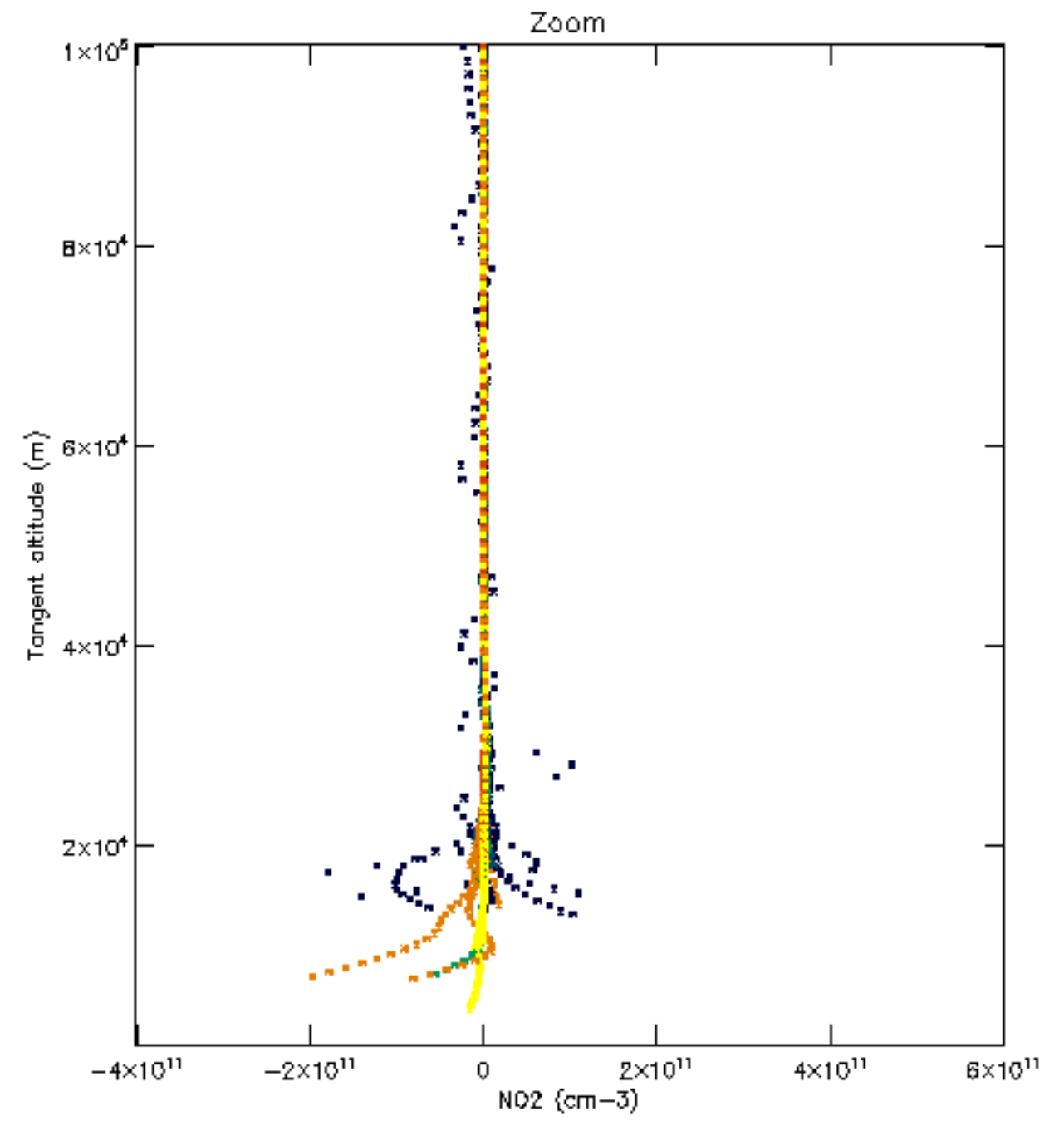
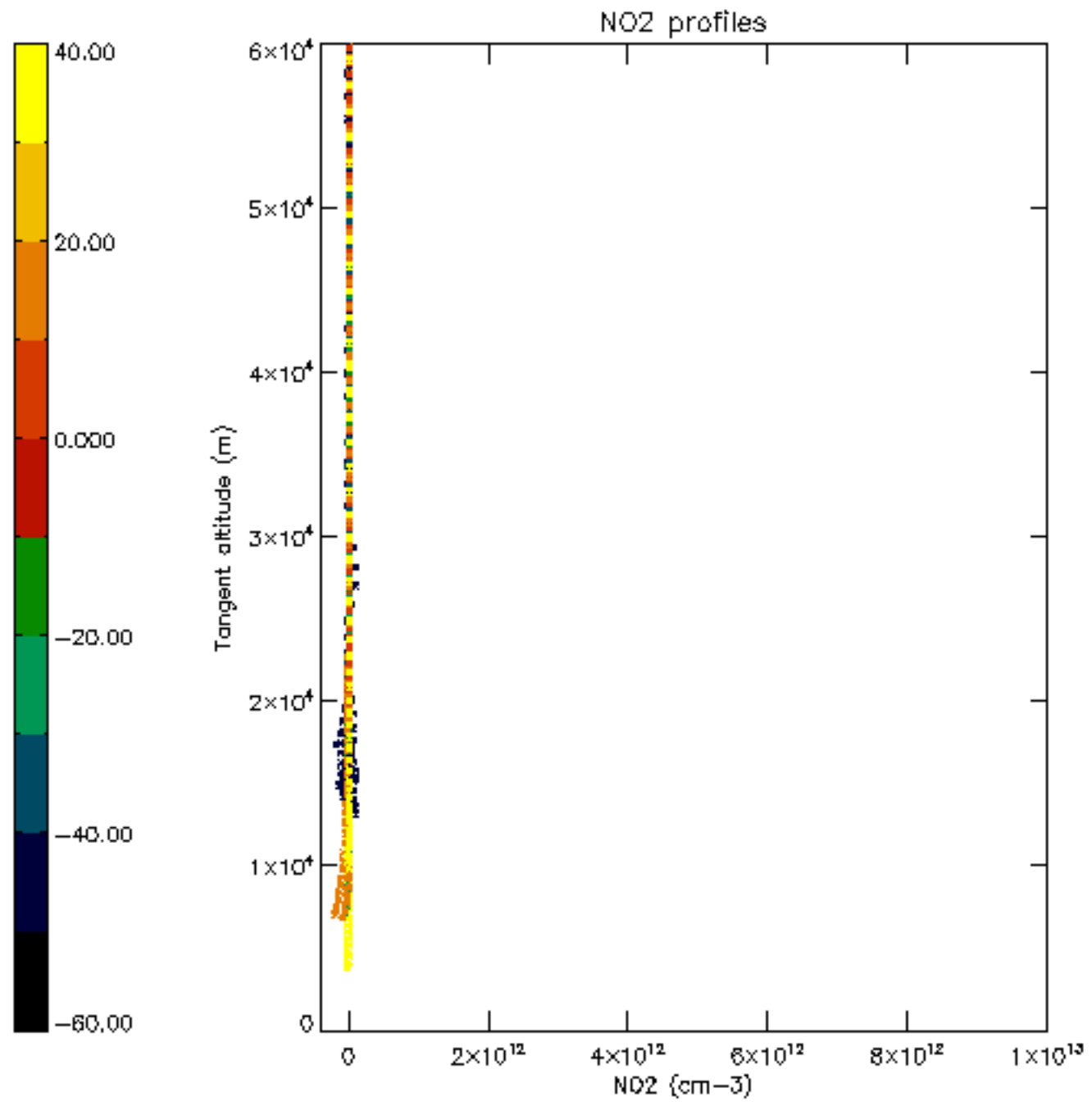


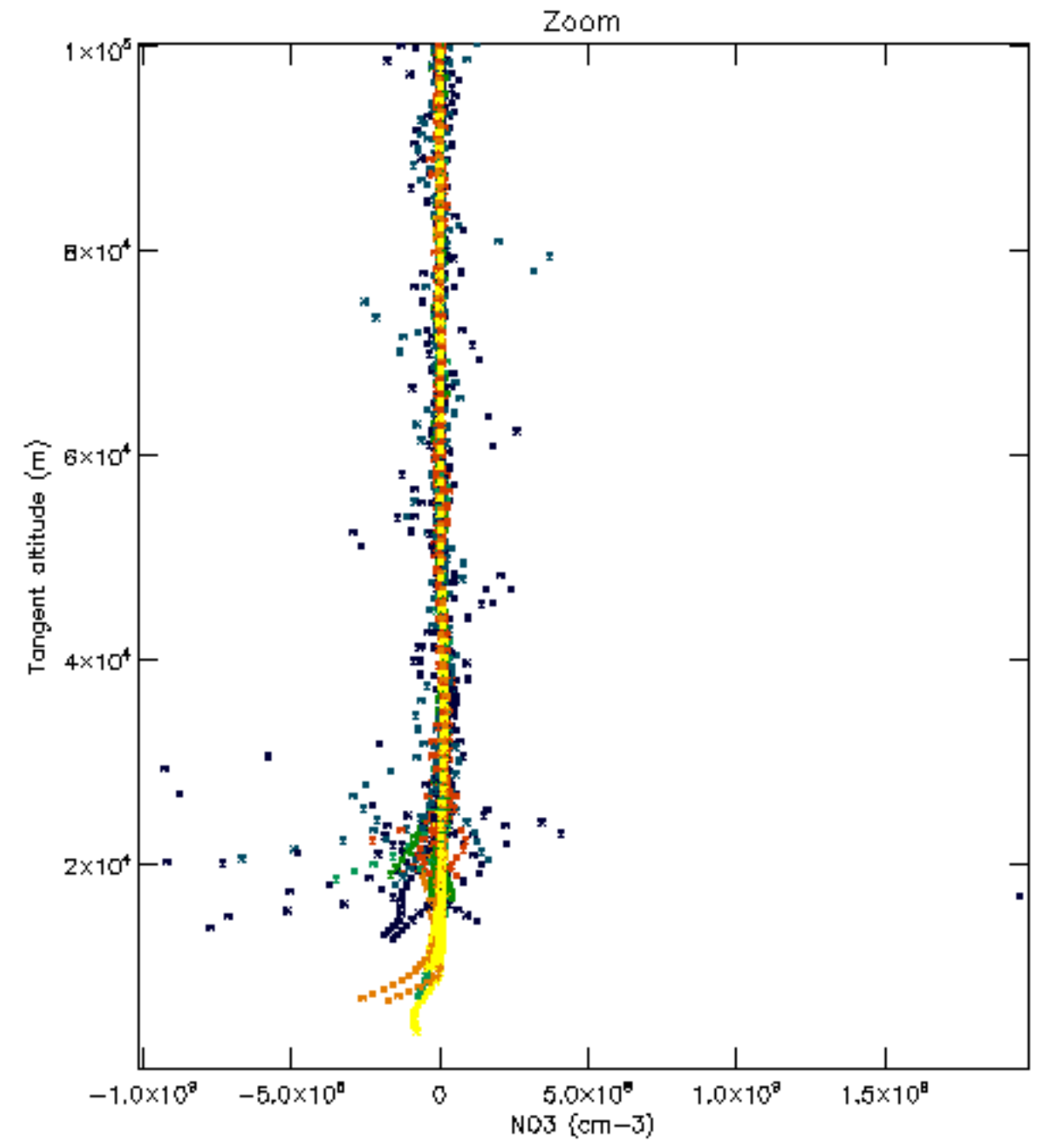
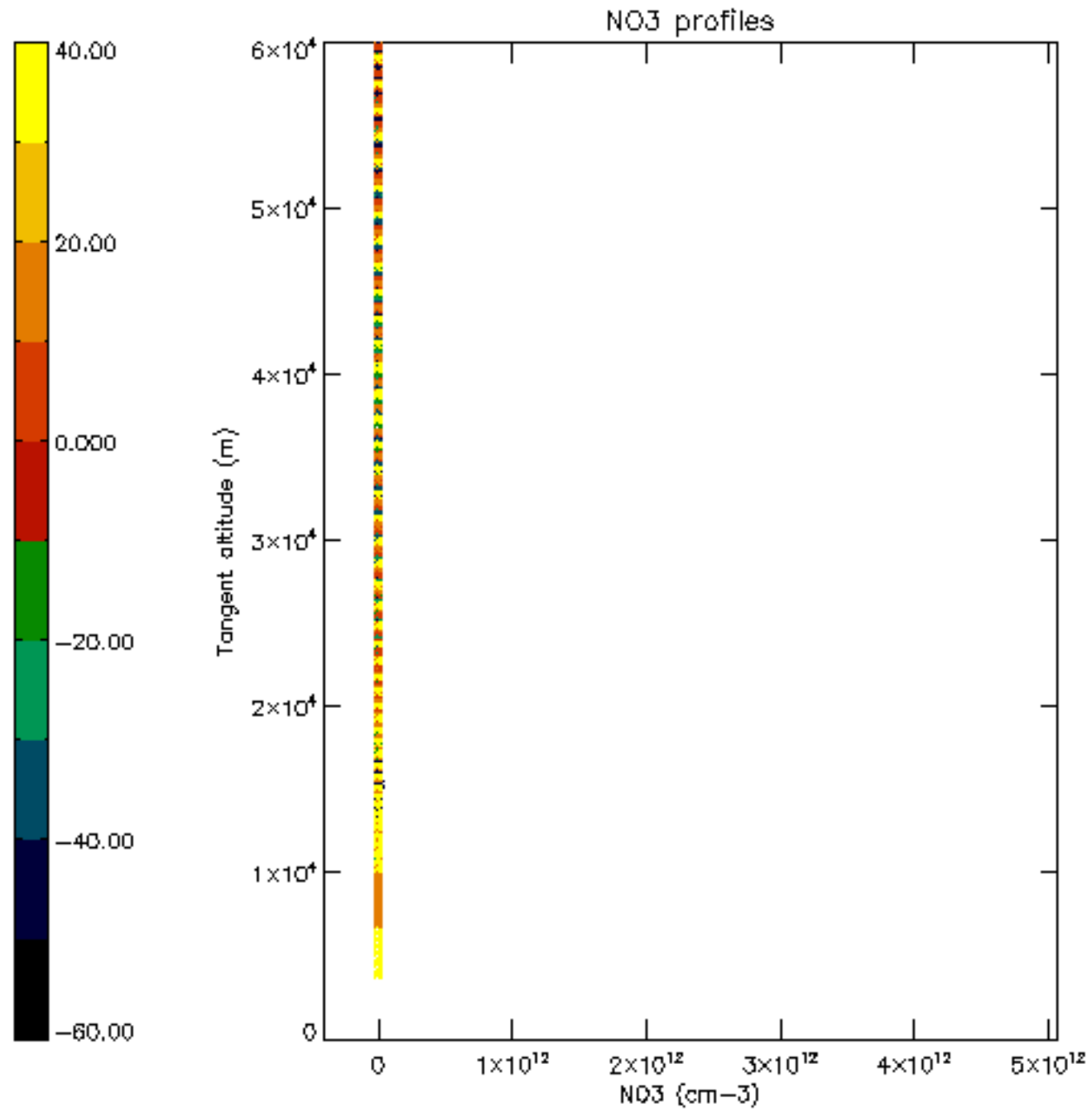


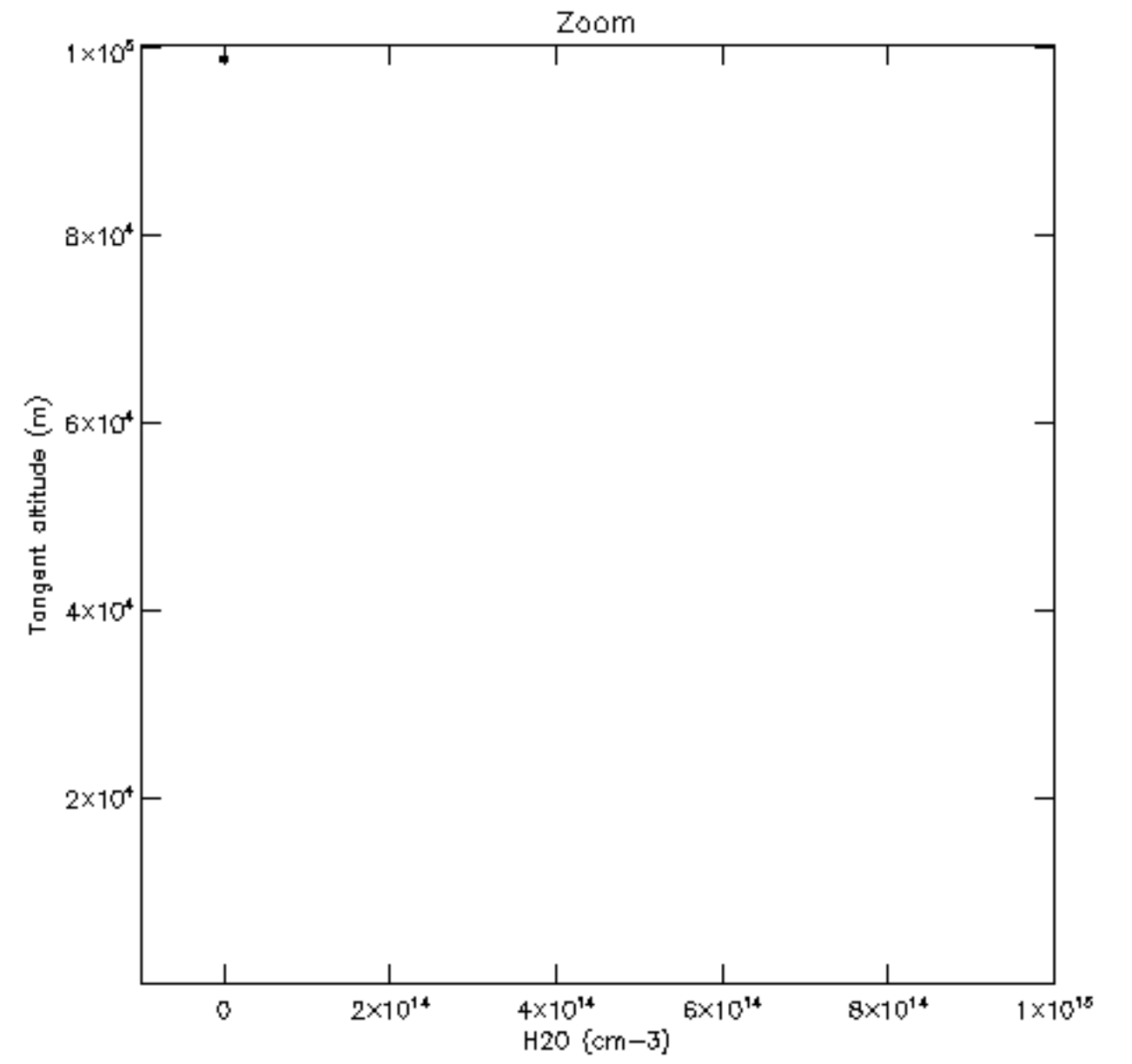
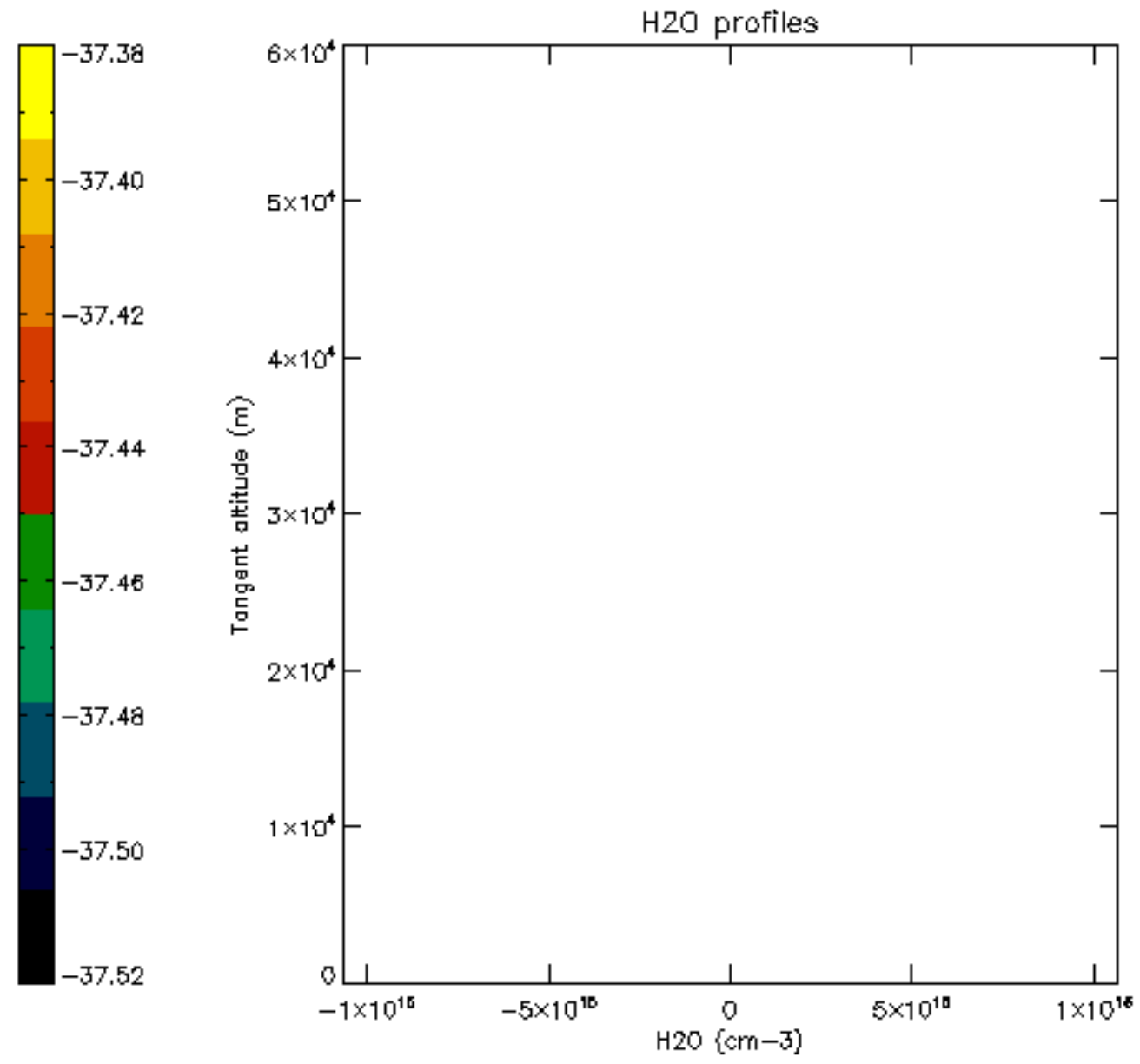


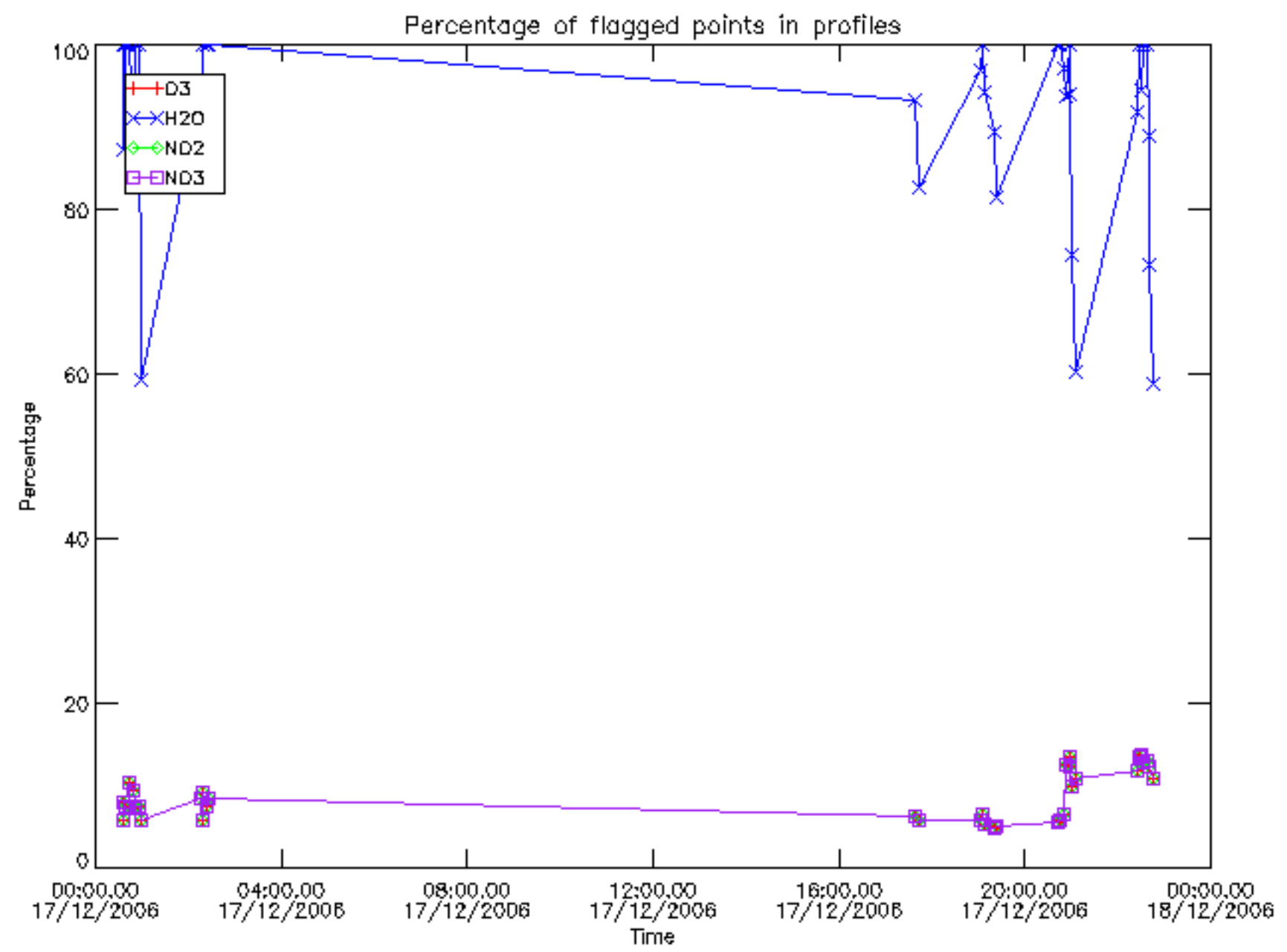




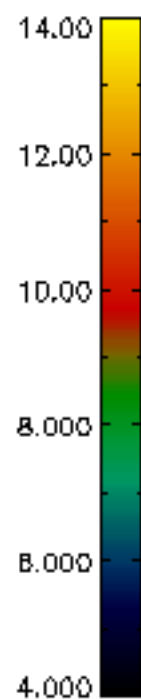
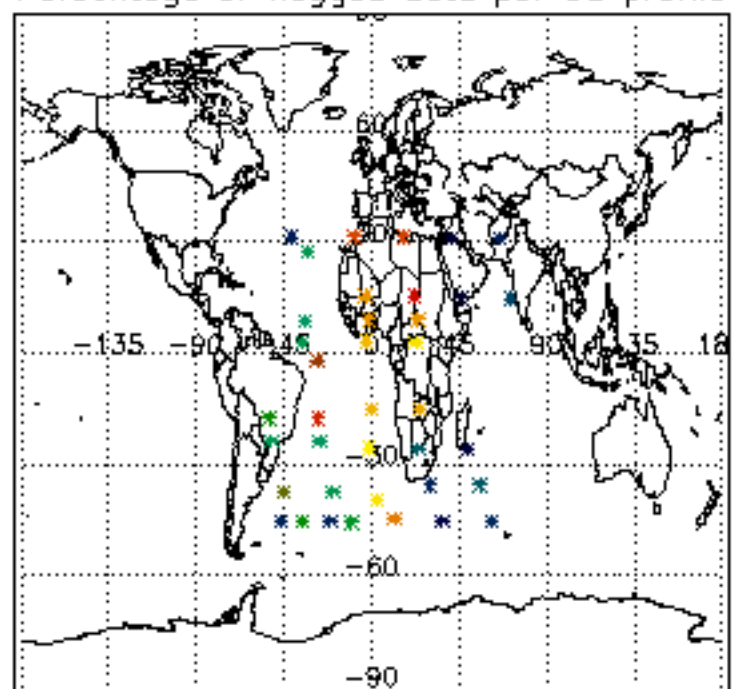




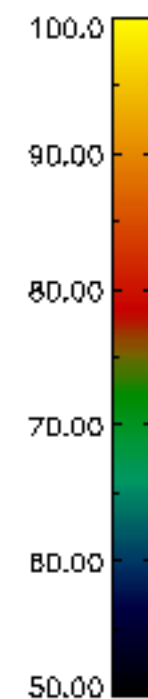
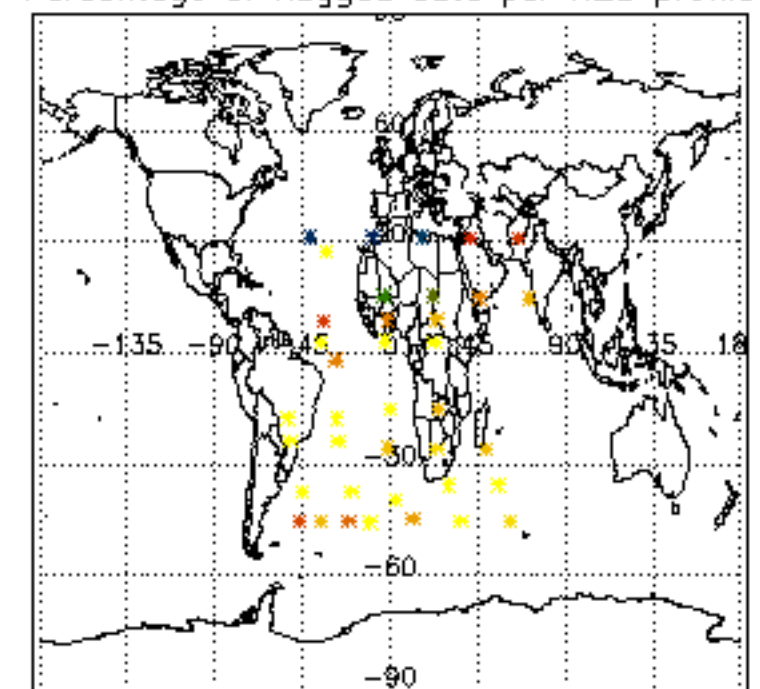




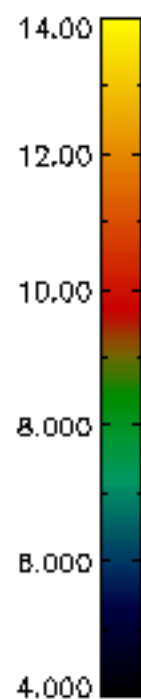
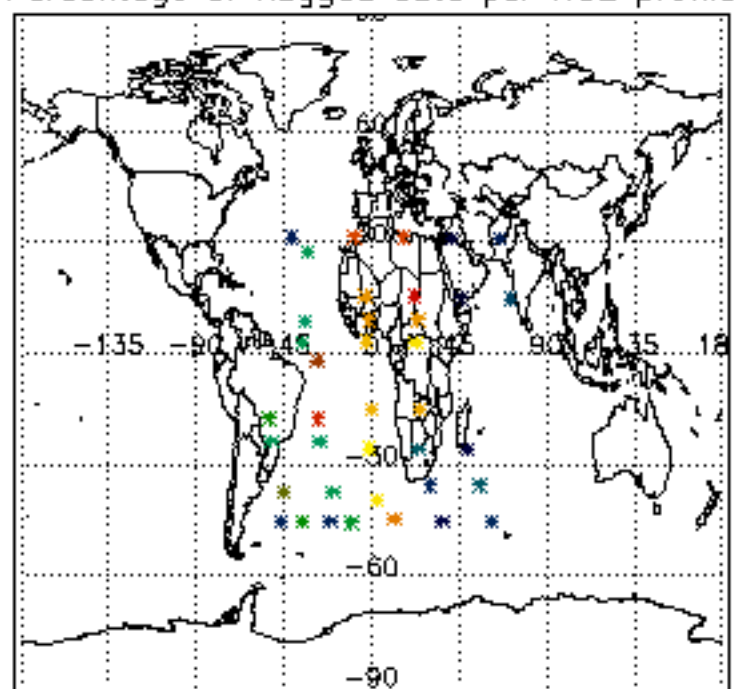
Percentage of flagged data per D3 profile



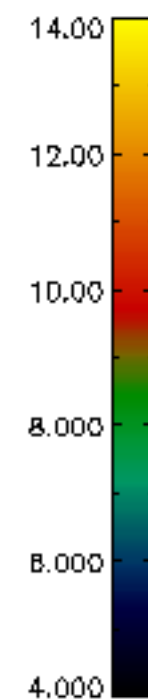
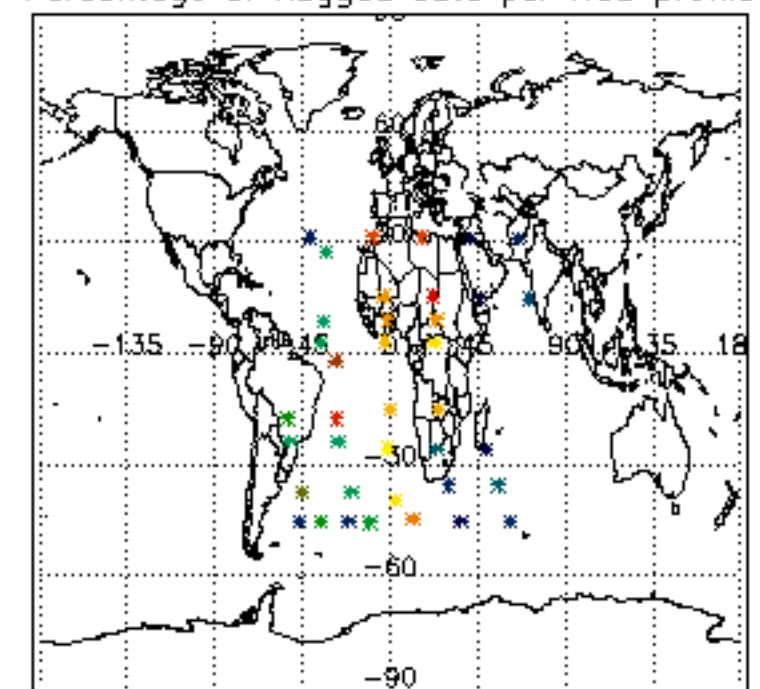
Percentage of flagged data per H2O profile

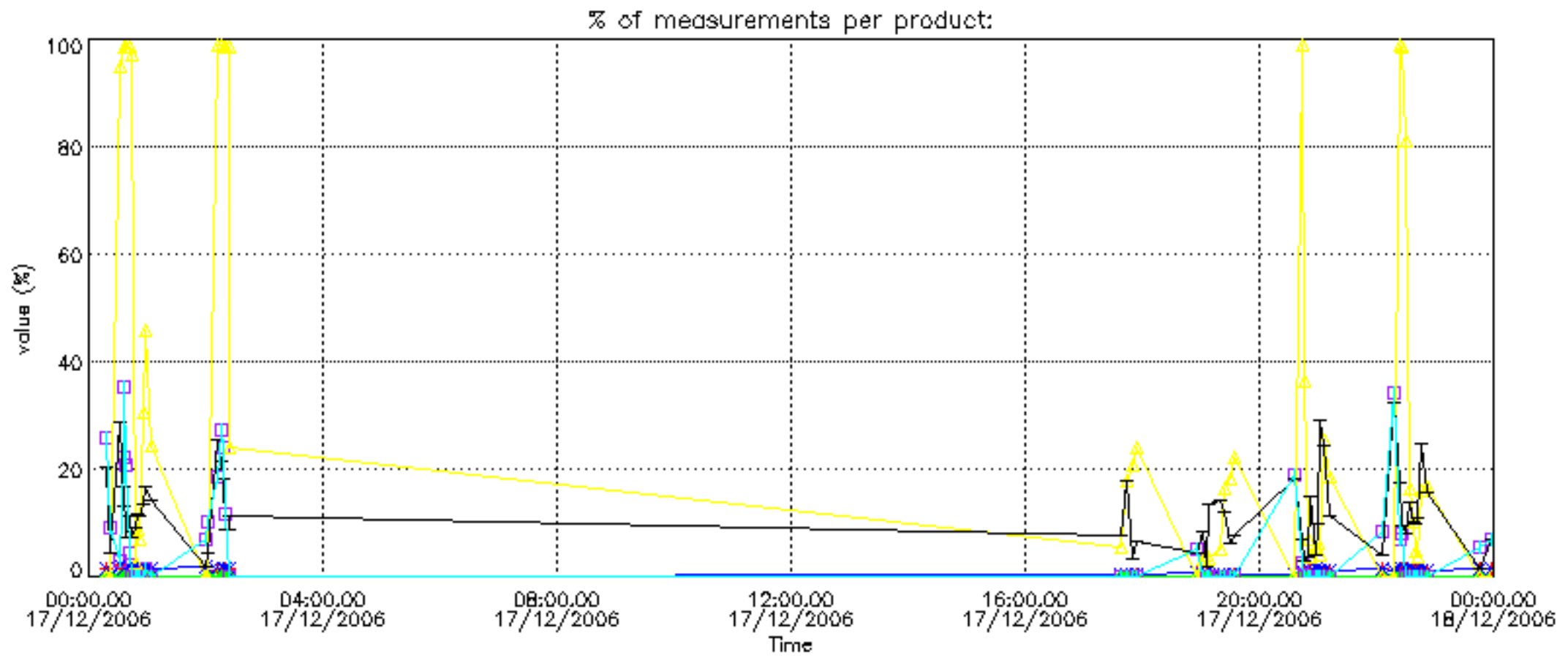


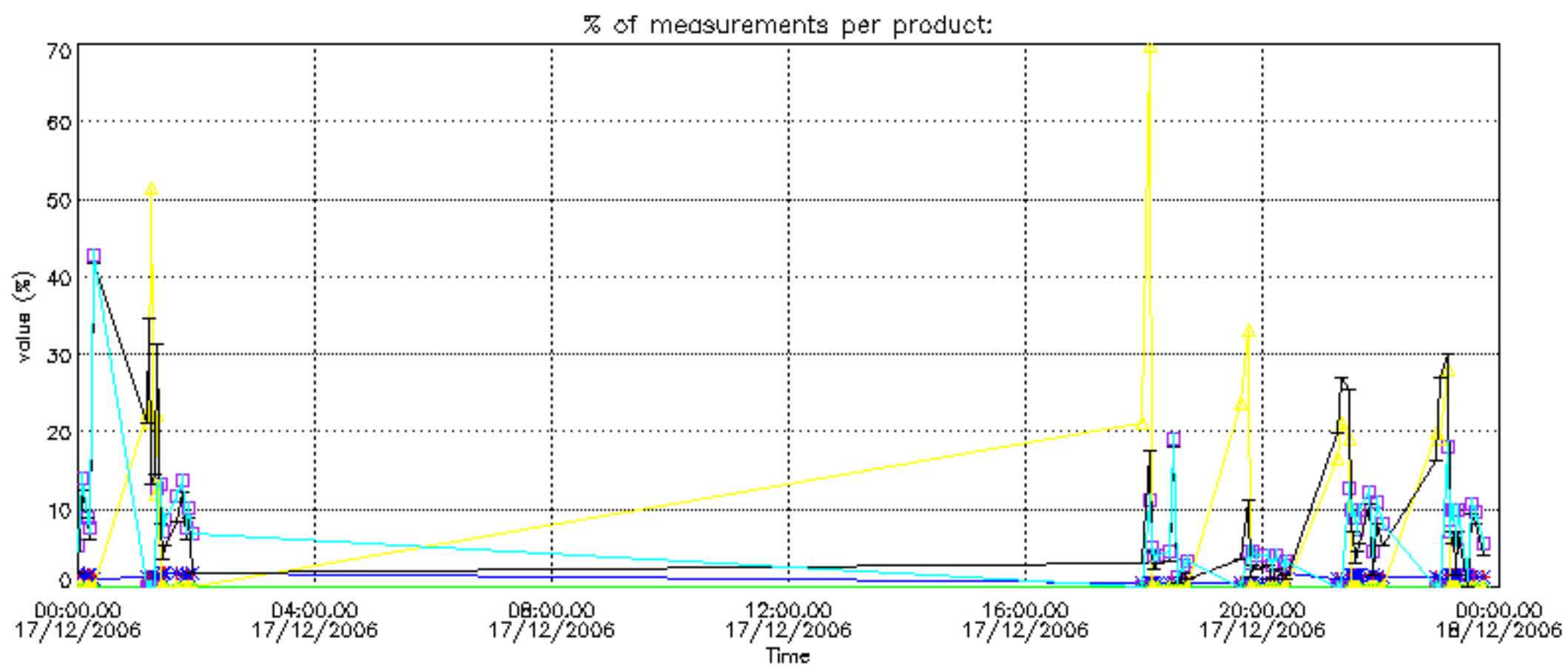
Percentage of flagged data per NO2 profile



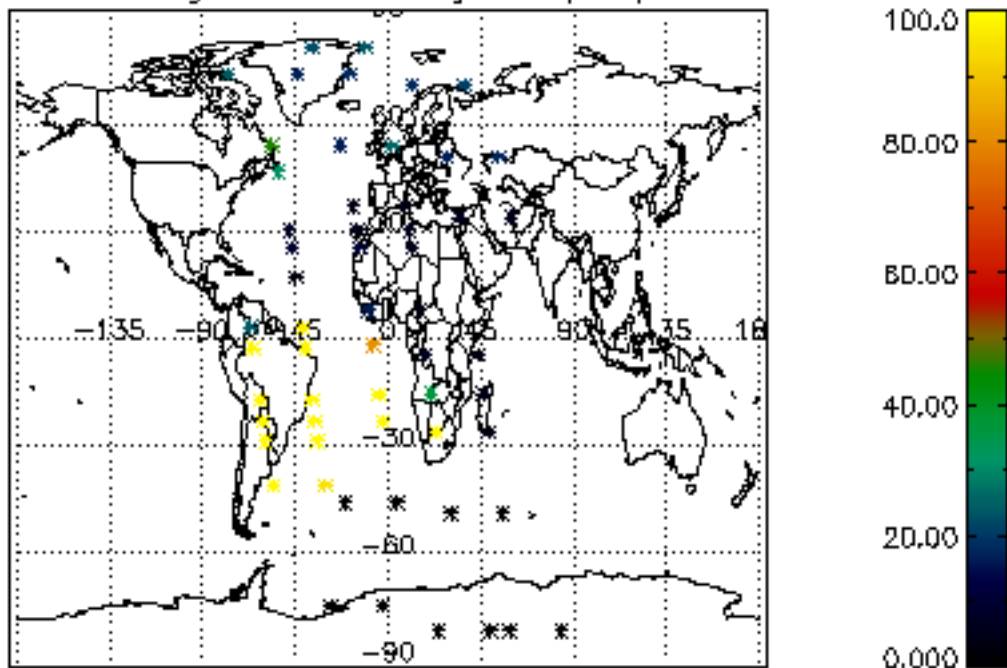
Percentage of flagged data per NO3 profile



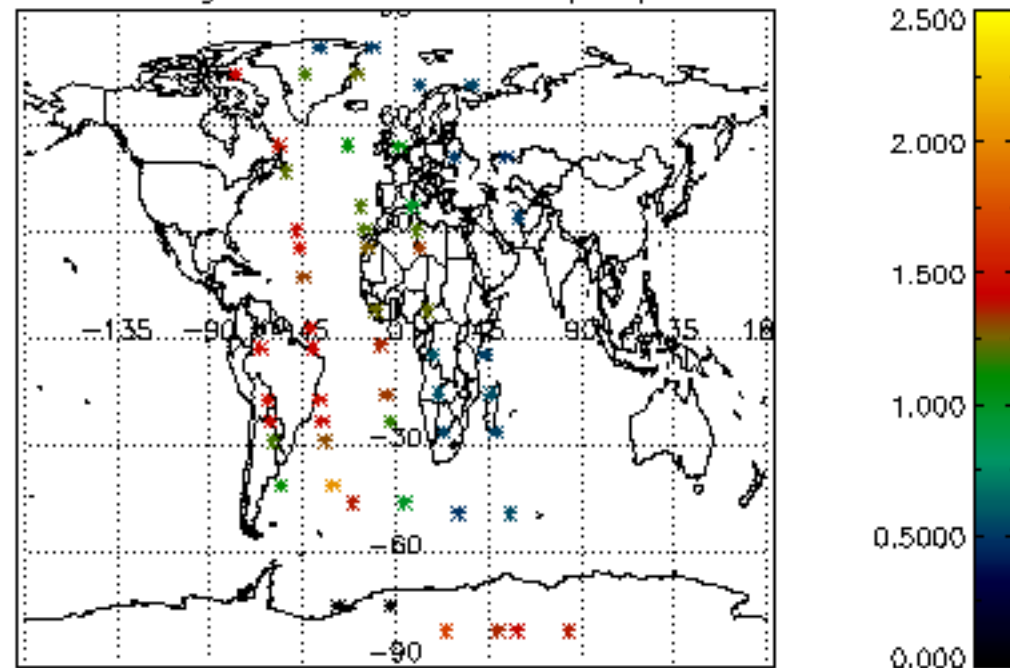




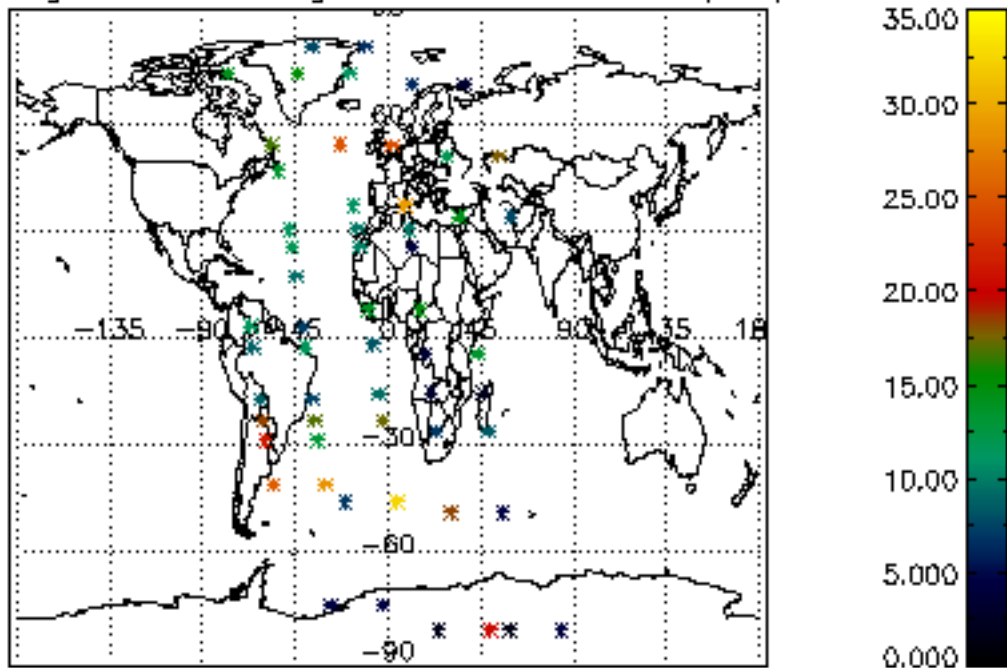
Percentage of cosmic ray hits per profile



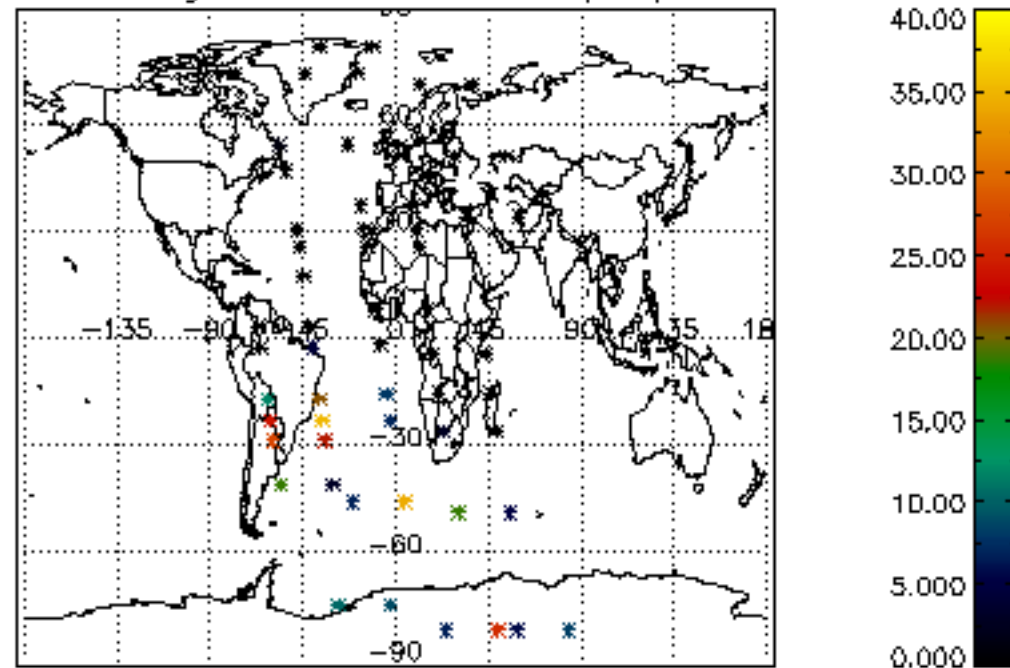
Percentage of datation errors per profile



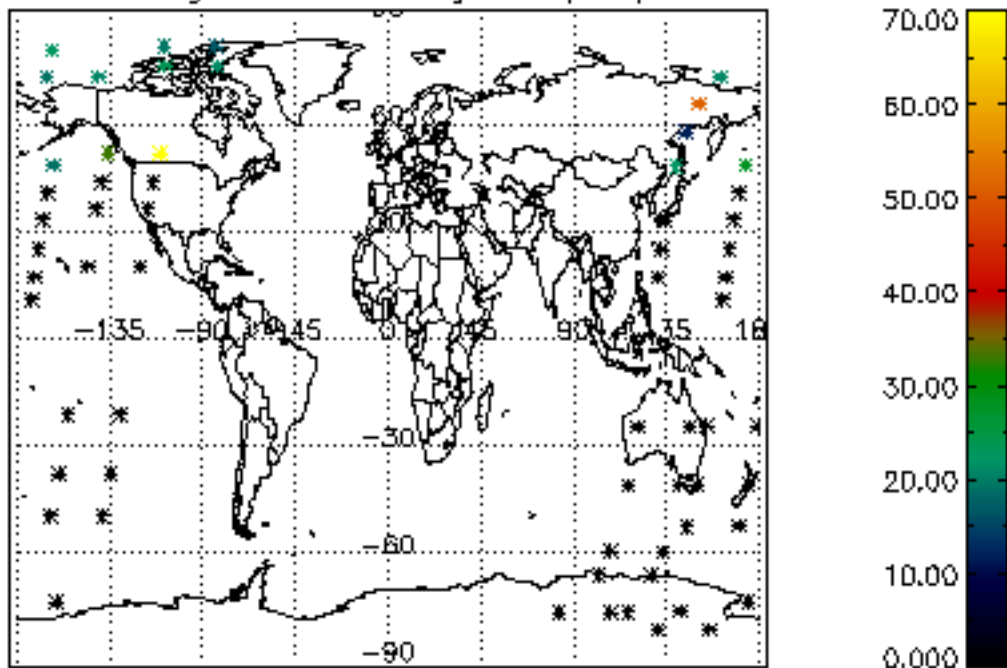
Percentage of star falling outside central band per profile



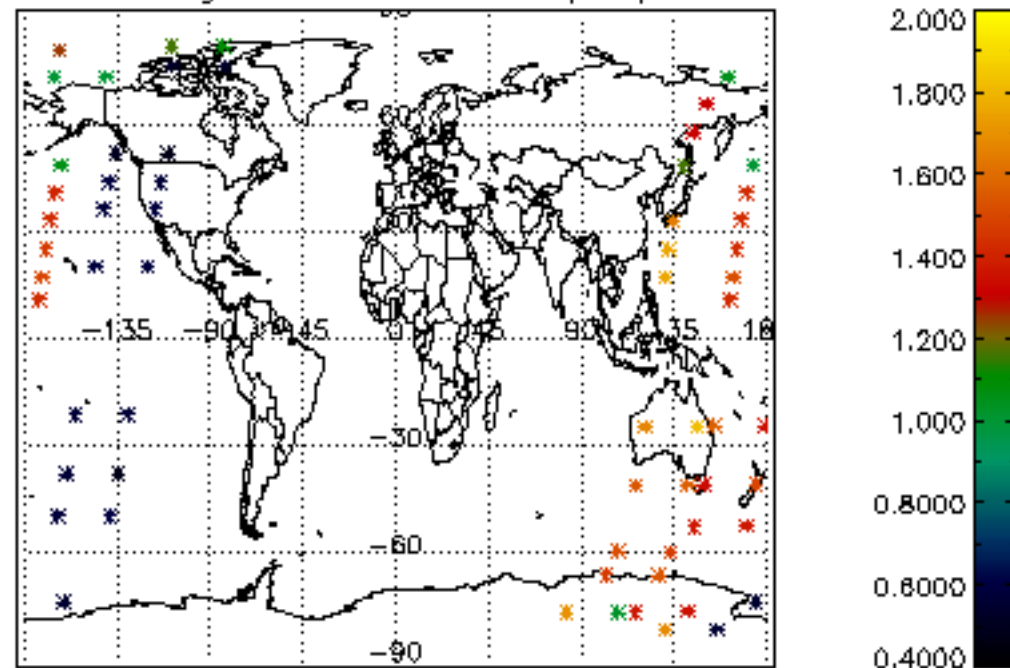
Percentage of saturation errors per profile



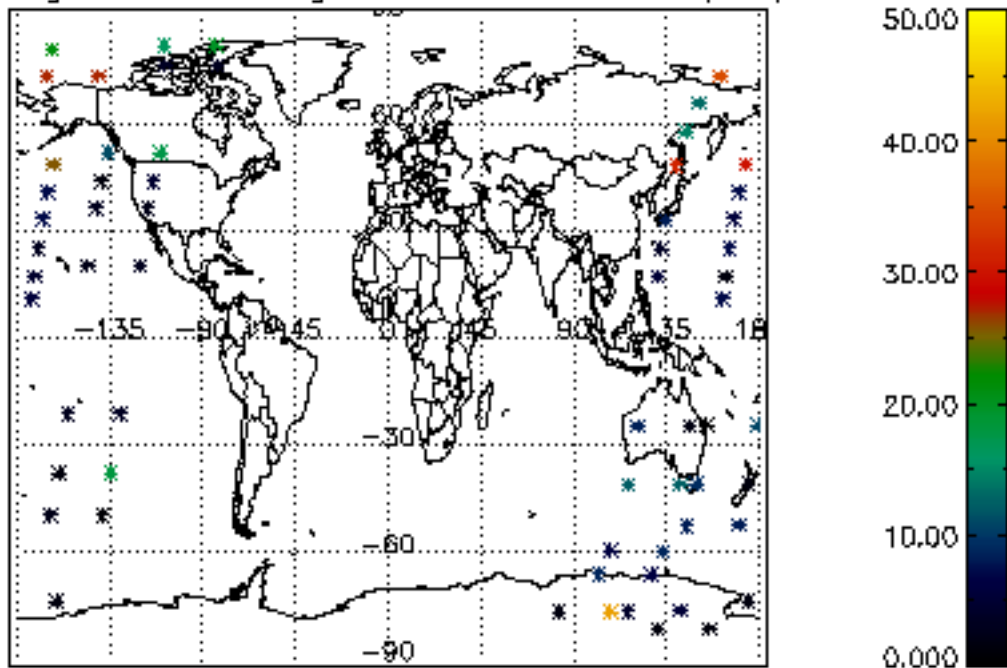
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

