

# 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	18APR2013 10:33:44
Data source version	GOMOS/6.01
Start time of products	23-08-2005 (23AUG2005 00:00:00)
Stop time of products	24-08-2005 (24AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	222
Nb of prods with errors	9

## 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__2PRFIN20050823_001401_000000462040_00102_18192_6049.N1	23-AUG-2005 00:14:01	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	18192	No
2	GOM_NL__2PRFIN20050823_001615_000000182040_00102_18192_6050.N1	23-AUG-2005 00:16:15	Twilight	18.000	76	27Gam Cas	2.3000	30000.	36	18192	No
3	GOM_NL__2PRFIN20050823_002952_000000512040_00102_18192_6051.N1	23-AUG-2005 00:29:52	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18192	No
4	GOM_NL__2PRFIN20050823_003303_000000422040_00102_18192_6052.N1	23-AUG-2005 00:33:03	Bright	41.500	107	37The Aur	2.6490	11000.	83	18192	No
5	GOM_NL__2PRFIN20050823_003624_000000562040_00102_18192_6053.N1	23-AUG-2005 00:36:24	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	18192	No
6	GOM_NL__2PRFIN20050823_003859_000000512040_00102_18192_6054.N1	23-AUG-2005 00:38:59	Twilight	51.000	176	23Zet Tau	3.0200	22000.	102	18192	No
7	GOM_NL__2PRFIN20050823_004311_000000582040_00102_18192_6055.N1	23-AUG-2005 00:43:11	Dark	57.500	14	58Alp Ori	0.87000	3000.0	115	18192	No
8	GOM_NL__2PRFIN20050823_004445_000000492040_00102_18192_6056.N1	23-AUG-2005 00:44:45	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	18192	No
9	GOM_NL__2PRFIN20050823_004642_000000552040_00102_18192_6057.N1	23-AUG-2005 00:46:42	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18192	No
10	GOM_NL__2PRFIN20050823_004811_000000502040_00102_18192_6058.N1	23-AUG-2005 00:48:11	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	18192	No
11	GOM_NL__2PRFIN20050823_005004_000000652040_00102_18192_6059.N1	23-AUG-2005 00:50:04	Dark	65.000	7	19Bet Ori	0.10000	14000.	130	18192	No
12	GOM_NL__2PRFIN20050823_005241_000000512040_00102_18192_6060.N1	23-AUG-2005 00:52:41	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18192	No
13	GOM_NL__2PRFIN20050823_010615_000000542040_00103_18193_6044.N1	23-AUG-2005 01:06:15	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18193	No
14	GOM_NL__2PRFIN20050823_011524_000000612040_00103_18193_6045.N1	23-AUG-2005 01:15:24	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	18193	No
15	GOM_NL__2PRFIN20050823_012215_000000572040_00103_18193_6046.N1	23-AUG-2005 01:22:15	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	18193	No
16	GOM_NL__2PRFIN20050823_013230_000000442040_00103_18193_6047.N1	23-AUG-2005 01:32:30	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	18193	No
17	GOM_NL__2PRFIN20050823_013535_000000412040_00103_18193_6048.N1	23-AUG-2005 01:35:35	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18193	No
18	GOM_NL__2PRFIN20050823_015436_000000442040_00103_18193_6049.N1	23-AUG-2005 01:54:36	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	18193	No
19	GOM_NL__2PRFIN20050823_015650_000000182040_00103_18193_6050.N1	23-AUG-2005 01:56:50	Twilight	18.000	76	27Gam Cas	2.3000	30000.	36	18193	No
20	GOM_NL__2PRFIN20050823_021027_000000522040_00103_18193_6051.N1	23-AUG-2005 02:10:27	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	18193	No
21	GOM_NL__2PRFIN20050823_021339_000000592040_00103_18193_6052.N1	23-AUG-2005 02:13:39	Bright	58.500	107	37The Aur	2.6490	11000.	117	18193	No
22	GOM_NL__2PRFIN20050823_021700_000000552040_00103_18193_6053.N1	23-AUG-2005 02:17:00	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	18193	No
23	GOM_NL__2PRFIN20050823_021935_000000532040_00103_18193_6054.N1	23-AUG-2005 02:19:35	Twilight	52.500	176	23Zet Tau	3.0200	22000.	105	18193	No
24	GOM_NL__2PRFIN20050823_022347_000000592040_00103_18193_6055.N1	23-AUG-2005 02:23:47	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	18193	No
25	GOM_NL__2PRFIN20050823_022522_000000492040_00103_18193_6056.N1	23-AUG-2005 02:25:22	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	18193	No
26	GOM_NL__2PRFIN20050823_022719_000000572040_00103_18193_6057.N1	23-AUG-2005 02:27:19	Dark	57.000	30	46Eps Ori	1.6940	30000.	114	18193	No
27	GOM_NL__2PRFIN20050823_022848_000000512040_00103_18193_6058.N1	23-AUG-2005 02:28:48	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18193	No
28	GOM_NL__2PRFIN20050823_023041_000000632040_00103_18193_6059.N1	23-AUG-2005 02:30:41	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	18193	No
29	GOM_NL__2PRFIN20050823_023317_000000532040_00103_18193_6060.N1	23-AUG-2005 02:33:17	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	18193	No
30	GOM_NL__2PRFIN20050823_024652_000000532040_00104_18194_6044.N1	23-AUG-2005 02:46:52	Dark	53.000	157	The1Eri	2.9060	9300.0	106	18194	No
31	GOM_NL__2PRFIN20050823_025600_000000542040_00104_18194_6045.N1	23-AUG-2005 02:56:00	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	18194	No
32	GOM_NL__2PRFIN20050823_030252_000000502040_00104_18194_6046.N1	23-AUG-2005 03:02:52	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	18194	No
33	GOM_NL__2PRFIN20050823_031306_000000442040_00104_18194_6047.N1	23-AUG-2005 03:13:06	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18194	No
34	GOM_NL__2PRFIN20050823_031611_000000412040_00104_18194_6048.N1	23-AUG-2005 03:16:11	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18194	No
35	GOM_NL__2PRFIN20050823_033511_000000452040_00104_18194_6049.N1	23-AUG-2005 03:35:11	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	18194	No
36	GOM_NL__2PRFIN20050823_033725_000000202040_00104_18194_6050.N1	23-AUG-2005 03:37:25	Twilight	19.500	76	27Gam Cas	2.3000	30000.	39	18194	No
37	GOM_NL__2PRFIN20050823_035103_000000482040_00104_18194_6051.N1	23-AUG-2005 03:51:03	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	18194	No
38	GOM_NL__2PRFIN20050823_035415_000000412040_00104_18194_6052.N1	23-AUG-2005 03:54:15	Bright	41.000	107	37The Aur	2.6490	11000.	82	18194	No
39	GOM_NL__2PRFIN20050823_035736_000000482040_00104_18194_6053.N1	23-AUG-2005 03:57:36	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	18194	No
40	GOM_NL__2PRFIN20050823_040011_000000522040_00104_18194_6054.N1	23-AUG-2005 04:00:11	Twilight	52.000	176	23Zet Tau	3.0200	22000.	104	18194	No
41	GOM_NL__2PRFIN20050823_040424_000000652040_00104_18194_6055.N1	23-AUG-2005 04:04:24	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18194	No
42	GOM_NL__2PRFIN20050823_040558_000000402040_00104_18194_6056.N1	23-AUG-2005 04:05:58	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	18194	No

43	GOM_NL__2PRFIN20050823_040756_000000552040_00104_18194_6057.N1	23-AUG-2005 04:07:56	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	18194	No
44	GOM_NL__2PRFIN20050823_040925_000000522040_00104_18194_6058.N1	23-AUG-2005 04:09:25	Dark	51.500	125	44Iot Ori	2.7700	30000.	103	18194	No
45	GOM_NL__2PRFIN20050823_041118_000000612040_00104_18194_6059.N1	23-AUG-2005 04:11:18	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18194	No
46	GOM_NL__2PRFIN20050823_041354_000000532040_00104_18194_6060.N1	23-AUG-2005 04:13:54	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	18194	No
47	GOM_NL__2PRFIN20050823_042730_000000542040_00105_18195_6044.N1	23-AUG-2005 04:27:30	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18195	No
48	GOM_NL__2PRFIN20050823_043637_000000532040_00105_18195_6045.N1	23-AUG-2005 04:36:37	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	18195	No
49	GOM_NL__2PRFIN20050823_044328_000000502040_00105_18195_6046.N1	23-AUG-2005 04:43:28	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	18195	No
50	GOM_NL__2PRFIN20050823_045342_000000432040_00105_18195_6047.N1	23-AUG-2005 04:53:42	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18195	No
51	GOM_NL__2PRFIN20050823_045646_000000402040_00105_18195_6048.N1	23-AUG-2005 04:56:46	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	18195	No
52	GOM_NL__2PRFIN20050823_051547_000000452040_00105_18195_6049.N1	23-AUG-2005 05:15:47	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	18195	No
53	GOM_NL__2PRFIN20050823_051800_000000202040_00105_18195_6050.N1	23-AUG-2005 05:18:00	Tw_i_and_stray	19.500	76	27Gam Cas	2.3000	30000.	39	18195	No
54	GOM_NL__2PRFIN20050823_053139_000000492040_00105_18195_6051.N1	23-AUG-2005 05:31:39	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	18195	No
55	GOM_NL__2PRFIN20050823_053451_000000422040_00105_18195_6052.N1	23-AUG-2005 05:34:51	Bright	42.000	107	37The Aur	2.6490	11000.	84	18195	No
56	GOM_NL__2PRFIN20050823_053812_000000482040_00105_18195_6053.N1	23-AUG-2005 05:38:12	Tw_i_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	18195	No
57	GOM_NL__2PRFIN20050823_054048_000000522040_00105_18195_6054.N1	23-AUG-2005 05:40:48	Tw_i_and_stray	51.500	176	23Zet Tau	3.0200	22000.	103	18195	No
58	GOM_NL__2PRFIN20050823_054500_000000472040_00105_18195_6055.N1	23-AUG-2005 05:45:00	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	18195	No
59	GOM_NL__2PRFIN20050823_054635_000000402040_00105_18195_6056.N1	23-AUG-2005 05:46:35	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	18195	No
60	GOM_NL__2PRFIN20050823_054832_000000552040_00105_18195_6057.N1	23-AUG-2005 05:48:32	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18195	No
61	GOM_NL__2PRFIN20050823_055002_000000512040_00105_18195_6058.N1	23-AUG-2005 05:50:02	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18195	No
62	GOM_NL__2PRFIN20050823_055155_000000632040_00105_18195_6059.N1	23-AUG-2005 05:51:55	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	18195	No
63	GOM_NL__2PRFIN20050823_055431_000000512040_00105_18195_6060.N1	23-AUG-2005 05:54:31	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18195	No
64	GOM_NL__2PRFIN20050823_060807_000000532040_00106_18196_6044.N1	23-AUG-2005 06:08:07	Dark	53.000	157	The1Eri	2.9060	9300.0	106	18196	No
65	GOM_NL__2PRFIN20050823_061714_000000572040_00106_18196_6045.N1	23-AUG-2005 06:17:14	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	18196	No
66	GOM_NL__2PRFIN20050823_062404_000000542040_00106_18196_6046.N1	23-AUG-2005 06:24:04	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	18196	No
67	GOM_NL__2PRFIN20050823_063417_000000432040_00106_18196_6047.N1	23-AUG-2005 06:34:17	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18196	No
68	GOM_NL__2PRFIN20050823_063722_000000392040_00106_18196_6048.N1	23-AUG-2005 06:37:22	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	18196	No
69	GOM_NL__2PRFIN20050823_065622_000000682040_00106_18196_6049.N1	23-AUG-2005 06:56:22	Bright	68.000	74	11Bet Cas	2.2680	6600.0	136	18196	No
70	GOM_NL__2PRFIN20050823_065835_000000212040_00106_18196_6050.N1	23-AUG-2005 06:58:35	Tw_i_and_stray	20.500	76	27Gam Cas	2.3000	30000.	41	18196	No
71	GOM_NL__2PRFIN20050823_071215_000000502040_00106_18196_6051.N1	23-AUG-2005 07:12:15	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18196	No
72	GOM_NL__2PRFIN20050823_071527_000000422040_00106_18196_6052.N1	23-AUG-2005 07:15:27	Bright	42.000	107	37The Aur	2.6490	11000.	84	18196	No
73	GOM_NL__2PRFIN20050823_071848_000000392040_00106_18196_6053.N1	23-AUG-2005 07:18:48	Tw_i_and_stray	39.000	28	12Bet Tau	1.6500	15200.	78	18196	No
74	GOM_NL__2PRFIN20050823_072124_000000472040_00106_18196_6054.N1	23-AUG-2005 07:21:24	Tw_i_and_stray	46.500	176	23Zet Tau	3.0200	22000.	93	18196	No
75	GOM_NL__2PRFIN20050823_072537_000000452040_00106_18196_6055.N1	23-AUG-2005 07:25:37	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	18196	No
76	GOM_NL__2PRFIN20050823_072712_000000312040_00106_18196_6056.N1	23-AUG-2005 07:27:12	Dark	31.000	27	24Gam Ori	1.6360	26000.	62	18196	No
77	GOM_NL__2PRFIN20050823_072909_000000542040_00106_18196_6057.N1	23-AUG-2005 07:29:09	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18196	No
78	GOM_NL__2PRFIN20050823_073038_000000522040_00106_18196_6058.N1	23-AUG-2005 07:30:38	Dark	51.500	125	44Iot Ori	2.7700	30000.	103	18196	No
79	GOM_NL__2PRFIN20050823_073232_000000672040_00106_18196_6059.N1	23-AUG-2005 07:32:32	Dark	66.500	7	19Bet Ori	0.10000	14000.	133	18196	No
80	GOM_NL__2PRFIN20050823_073508_000000532040_00106_18196_6060.N1	23-AUG-2005 07:35:08	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	18196	No
81	GOM_NL__2PRFIN20050823_074844_000000552040_00107_18197_6044.N1	23-AUG-2005 07:48:44	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18197	No
82	GOM_NL__2PRFIN20050823_075750_000000512040_00107_18197_6045.N1	23-AUG-2005 07:57:50	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	18197	No
83	GOM_NL__2PRFIN20050823_080440_000000492040_00107_18197_6046.N1	23-AUG-2005 08:04:40	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	18197	No
84	GOM_NL__2PRFIN20050823_081453_000000442040_00107_18197_6047.N1	23-AUG-2005 08:14:53	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18197	No
85	GOM_NL__2PRFIN20050823_081803_000000362040_00107_18197_6048.N1	23-AUG-2005 08:18:03	Bright	36.000	61	8Eps Peg	2.1000	3900.0	72	18197	No
86	GOM_NL__2PRFIN20050823_083657_000000422040_00107_18197_6049.N1	23-AUG-2005 08:36:57	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	18197	No
87	GOM_NL__2PRFIN20050823_083911_000000212040_00107_18197_6050.N1	23-AUG-2005 08:39:11	Tw_i_and_stray	21.000	76	27Gam Cas	2.3000	30000.	42	18197	No
88	GOM_NL__2PRFIN20050823_085250_000000512040_00107_18197_6051.N1	23-AUG-2005 08:52:50	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	18197	No
89	GOM_NL__2PRFIN20050823_085603_000000422040_00107_18197_6052.N1	23-AUG-2005 08:56:03	Bright	42.000	107	37The Aur	2.6490	11000.	84	18197	No
90	GOM_NL__2PRFIN20050823_085925_000000392040_00107_18197_6053.N1	23-AUG-2005 08:59:25	Tw_i_and_stray	39.000	28	12Bet Tau	1.6500	15200.	78	18197	No
91	GOM_NL__2PRFIN20050823_090201_000000462040_00107_18197_6054.N1	23-AUG-2005 09:02:01	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	18197	No
92	GOM_NL__2PRFIN20050823_090613_000000612040_00107_18197_6055.N1	23-AUG-2005 09:06:13	Dark	60.500	14	58Alp Ori	0.87000	3000.0	121	18197	No
93	GOM_NL__2PRFIN20050823_090749_000000312040_00107_18197_6056.N1	23-AUG-2005 09:07:49	Dark	31.000	27	24Gam Ori	1.6360	26000.	62	18197	No
94	GOM_NL__2PRFIN20050823_090946_000000532040_00107_18197_6057.N1	23-AUG-2005 09:09:46	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	18197	No
95	GOM_NL__2PRFIN20050823_091115_000000492040_00107_18197_6058.N1	23-AUG-2005 09:11:15	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	18197	No
96	GOM_NL__2PRFIN20050823_091309_000000662040_00107_18197_6059.N1	23-AUG-2005 09:13:09	Dark	65.500	7	19Bet Ori	0.10000	14000.	131	18197	No
97	GOM_NL__2PRFIN20050823_091545_000000512040_00107_18197_6060.N1	23-AUG-2005 09:15:45	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18197	No
98	GOM_NL__2PRFIN20050823_092921_000000532040_00108_18198_6044.N1	23-AUG-2005 09:29:21	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18198	No
99	GOM_NL__2PRFIN20050823_093827_000000532040_00108_18198_6045.N1	23-AUG-2005 09:38:27	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	18198	No
100	GOM_NL__2PRFIN20050823_094517_000000562040_00108_18198_6046.N1	23-AUG-2005 09:45:17	Straylight	55.500	18	24Alp PsA	1.1660	9700.0	111	18198	No
101	GOM_NL__2PRFIN20050823_095529_000000432040_00108_18198_6047.N1	23-AUG-2005 09:55:29	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18198	No

102	GOM_NL__2PRFIN20050823_095843_000000332040_00108_18198_6048.N1	23-AUG-2005 09:58:43	Dark	32.500	61	8Eps Peg	2.1000	3900.0	65	18198	Yes
103	GOM_NL__2PRFIN20050823_101732_000000432040_00108_18198_6049.N1	23-AUG-2005 10:17:32	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	18198	No
104	GOM_NL__2PRFIN20050823_101946_000000232040_00108_18198_6050.N1	23-AUG-2005 10:19:46	Twilight	23.000	76	27Gam Cas	2.3000	30000.	46	18198	No
105	GOM_NL__2PRFIN20050823_103326_000000502040_00108_18198_6051.N1	23-AUG-2005 10:33:26	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18198	No
106	GOM_NL__2PRFIN20050823_103639_000000482040_00108_18198_6052.N1	23-AUG-2005 10:36:39	Bright	48.000	107	37The Aur	2.6490	11000.	96	18198	No
107	GOM_NL__2PRFIN20050823_104001_000000312040_00108_18198_6053.N1	23-AUG-2005 10:40:01	Twilight	31.000	28	12Bet Tau	1.6500	15200.	62	18198	No
108	GOM_NL__2PRFIN20050823_104650_000000572040_00108_18198_6054.N1	23-AUG-2005 10:46:50	Dark	57.000	14	58Alp Ori	0.870000	3000.0	114	18198	No
109	GOM_NL__2PRFIN20050823_104825_000000222040_00108_18198_6055.N1	23-AUG-2005 10:48:25	Dark	22.000	27	24Gam Ori	1.6360	26000.	44	18198	No
110	GOM_NL__2PRFIN20050823_105023_000000542040_00108_18198_6056.N1	23-AUG-2005 10:50:23	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18198	No
111	GOM_NL__2PRFIN20050823_105152_000000502040_00108_18198_6057.N1	23-AUG-2005 10:51:52	Dark	50.000	125	44lot Ori	2.7700	30000.	100	18198	No
112	GOM_NL__2PRFIN20050823_105346_000000702040_00108_18198_6058.N1	23-AUG-2005 10:53:46	Dark	69.500	7	19Bet Ori	0.100000	14000.	139	18198	No
113	GOM_NL__2PRFIN20050823_105621_000000522040_00108_18198_6059.N1	23-AUG-2005 10:56:21	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	18198	No
114	GOM_NL__2PRFIN20050823_110958_000000542040_00109_18199_6064.N1	23-AUG-2005 11:09:58	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18199	No
115	GOM_NL__2PRFIN20050823_111903_000000542040_00109_18199_6065.N1	23-AUG-2005 11:19:03	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	18199	No
116	GOM_NL__2PRFIN20050823_112553_000000552040_00109_18199_6066.N1	23-AUG-2005 11:25:53	Straylight	55.000	18	24Alp PsA	1.1660	9700.0	110	18199	No
117	GOM_NL__2PRFIN20050823_113605_000000432040_00109_18199_6067.N1	23-AUG-2005 11:36:05	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18199	No
118	GOM_NL__2PRFIN20050823_113923_000000252040_00109_18199_6068.N1	23-AUG-2005 11:39:23	Dark	25.000	61	8Eps Peg	2.1000	3900.0	50	18199	Yes
119	GOM_NL__2PRFIN20050823_120021_000000232040_00109_18199_6069.N1	23-AUG-2005 12:00:21	Twilight	23.000	76	27Gam Cas	2.3000	30000.	46	18199	No
120	GOM_NL__2PRFIN20050823_121402_000000522040_00109_18199_6070.N1	23-AUG-2005 12:14:02	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	18199	No
121	GOM_NL__2PRFIN20050823_121715_000000422040_00109_18199_6071.N1	23-AUG-2005 12:17:15	Bright	42.000	107	37The Aur	2.6490	11000.	84	18199	No
122	GOM_NL__2PRFIN20050823_122037_000000312040_00109_18199_6072.N1	23-AUG-2005 12:20:37	Twilight	31.000	28	12Bet Tau	1.6500	15200.	62	18199	No
123	GOM_NL__2PRFIN20050823_122726_000000602040_00109_18199_6073.N1	23-AUG-2005 12:27:26	Dark	59.500	14	58Alp Ori	0.870000	3000.0	119	18199	No
124	GOM_NL__2PRFIN20050823_122902_000000222040_00109_18199_6074.N1	23-AUG-2005 12:29:02	Dark	22.000	27	24Gam Ori	1.6360	26000.	44	18199	No
125	GOM_NL__2PRFIN20050823_123059_000000522040_00109_18199_6075.N1	23-AUG-2005 12:30:59	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	18199	No
126	GOM_NL__2PRFIN20050823_123229_000000492040_00109_18199_6076.N1	23-AUG-2005 12:32:29	Dark	48.500	125	44lot Ori	2.7700	30000.	97	18199	No
127	GOM_NL__2PRFIN20050823_123423_000000622040_00109_18199_6077.N1	23-AUG-2005 12:34:23	Dark	61.500	7	19Bet Ori	0.100000	14000.	123	18199	No
128	GOM_NL__2PRFIN20050823_123658_000000532040_00109_18199_6078.N1	23-AUG-2005 12:36:58	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	18199	No
129	GOM_NL__2PRFIN20050823_125035_000000542040_00110_18200_6065.N1	23-AUG-2005 12:50:35	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18200	No
130	GOM_NL__2PRFIN20050823_125940_000000532040_00110_18200_6066.N1	23-AUG-2005 12:59:40	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	18200	No
131	GOM_NL__2PRFIN20050823_130629_000000542040_00110_18200_6067.N1	23-AUG-2005 13:06:29	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	18200	No
132	GOM_NL__2PRFIN20050823_131641_000000432040_00110_18200_6068.N1	23-AUG-2005 13:16:41	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18200	No
133	GOM_NL__2PRFIN20050823_132004_000000222040_00110_18200_6069.N1	23-AUG-2005 13:20:04	Dark	22.000	61	8Eps Peg	2.1000	3900.0	44	18200	Yes
134	GOM_NL__2PRFIN20050823_133842_000000552040_00110_18200_6070.N1	23-AUG-2005 13:38:42	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	18200	No
135	GOM_NL__2PRFIN20050823_134056_000000242040_00110_18200_6071.N1	23-AUG-2005 13:40:56	Twilight	24.000	76	27Gam Cas	2.3000	30000.	48	18200	No
136	GOM_NL__2PRFIN20050823_135438_000000512040_00110_18200_6072.N1	23-AUG-2005 13:54:38	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18200	No
137	GOM_NL__2PRFIN20050823_135751_000000432040_00110_18200_6073.N1	23-AUG-2005 13:57:51	Bright	42.500	107	37The Aur	2.6490	11000.	85	18200	No
138	GOM_NL__2PRFIN20050823_140113_000000232040_00110_18200_6074.N1	23-AUG-2005 14:01:13	Twilight	23.000	28	12Bet Tau	1.6500	15200.	46	18200	No
139	GOM_NL__2PRFIN20050823_140802_000000572040_00110_18200_6075.N1	23-AUG-2005 14:08:02	Dark	57.000	14	58Alp Ori	0.870000	3000.0	114	18200	No
140	GOM_NL__2PRFIN20050823_140939_000000132040_00110_18200_6076.N1	23-AUG-2005 14:09:39	Dark	13.000	27	24Gam Ori	1.6360	26000.	26	18200	No
141	GOM_NL__2PRFIN20050823_141136_000000542040_00110_18200_6077.N1	23-AUG-2005 14:11:36	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18200	No
142	GOM_NL__2PRFIN20050823_141305_000000522040_00110_18200_6078.N1	23-AUG-2005 14:13:05	Dark	51.500	125	44lot Ori	2.7700	30000.	103	18200	No
143	GOM_NL__2PRFIN20050823_141500_000000652040_00110_18200_6079.N1	23-AUG-2005 14:15:00	Dark	64.500	7	19Bet Ori	0.100000	14000.	129	18200	No
144	GOM_NL__2PRFIN20050823_141735_000000512040_00110_18200_6080.N1	23-AUG-2005 14:17:35	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18200	No
145	GOM_NL__2PRFIN20050823_143112_000000532040_00111_18201_6066.N1	23-AUG-2005 14:31:12	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18201	No
146	GOM_NL__2PRFIN20050823_144017_000000552040_00111_18201_6067.N1	23-AUG-2005 14:40:17	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	18201	No
147	GOM_NL__2PRFIN20050823_144705_000000592040_00111_18201_6068.N1	23-AUG-2005 14:47:05	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	18201	No
148	GOM_NL__2PRFIN20050823_145716_000000432040_00111_18201_6069.N1	23-AUG-2005 14:57:16	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18201	No
149	GOM_NL__2PRFIN20050823_150044_000000162040_00111_18201_6070.N1	23-AUG-2005 15:00:44	Dark	16.000	61	8Eps Peg	2.1000	3900.0	32	18201	Yes
150	GOM_NL__2PRFIN20050823_151918_000000442040_00111_18201_6071.N1	23-AUG-2005 15:19:18	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	18201	No
151	GOM_NL__2PRFIN20050823_152131_000000242040_00111_18201_6072.N1	23-AUG-2005 15:21:31	Twilight	24.000	76	27Gam Cas	2.3000	30000.	48	18201	No
152	GOM_NL__2PRFIN20050823_153514_000000542040_00111_18201_6073.N1	23-AUG-2005 15:35:14	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	18201	No
153	GOM_NL__2PRFIN20050823_153827_000000422040_00111_18201_6074.N1	23-AUG-2005 15:38:27	Bright	41.500	107	37The Aur	2.6490	11000.	83	18201	No
154	GOM_NL__2PRFIN20050823_154149_000000232040_00111_18201_6075.N1	23-AUG-2005 15:41:49	Twilight	23.000	28	12Bet Tau	1.6500	15200.	46	18201	No
155	GOM_NL__2PRFIN20050823_154839_000000662040_00111_18201_6076.N1	23-AUG-2005 15:48:39	Dark	66.000	14	58Alp Ori	0.870000	3000.0	132	18201	No
156	GOM_NL__2PRFIN20050823_155016_000000132040_00111_18201_6077.N1	23-AUG-2005 15:50:16	Dark	13.000	27	24Gam Ori	1.6360	26000.	26	18201	No
157	GOM_NL__2PRFIN20050823_155213_000000542040_00111_18201_6078.N1	23-AUG-2005 15:52:13	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18201	No
158	GOM_NL__2PRFIN20050823_155342_000000492040_00111_18201_6079.N1	23-AUG-2005 15:53:42	Dark	48.500	125	44lot Ori	2.7700	30000.	97	18201	No
159	GOM_NL__2PRFIN20050823_155537_000000612040_00111_18201_6080.N1	23-AUG-2005 15:55:37	Dark	60.500	7	19Bet Ori	0.100000	14000.	121	18201	No
160	GOM_NL__2PRFIN20050823_155812_000000502040_00111_18201_6081.N1	23-AUG-2005 15:58:12	Dark	49.500	139	9Bet Lep	2.8330	5600.0	99	18201	No

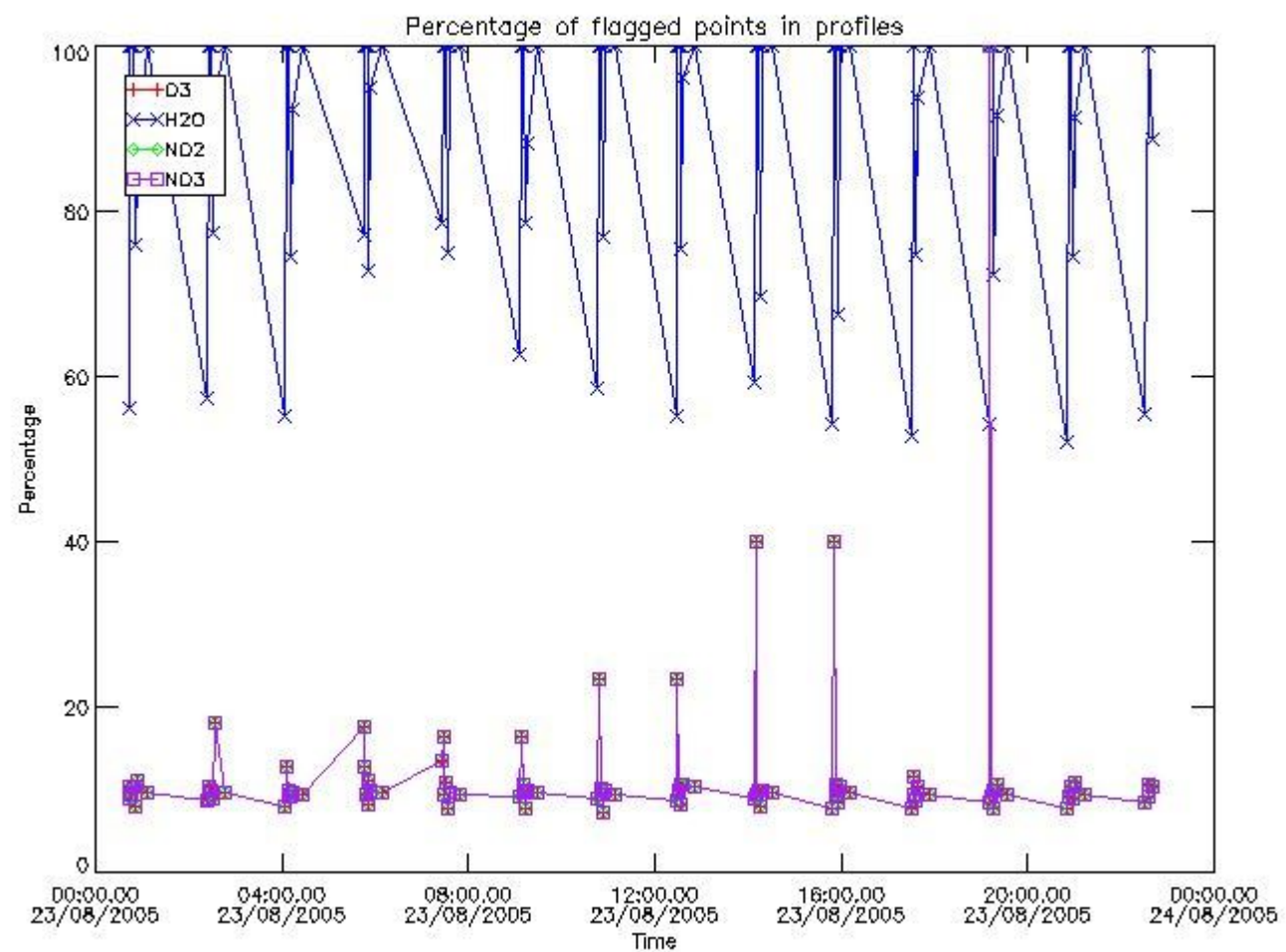
161	GOM_NL__2PRFIN20050823_161150_000000532040_00112_18202_6068.N1	23-AUG-2005 16:11:50	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18202	No
162	GOM_NL__2PRFIN20050823_162053_000000602040_00112_18202_6069.N1	23-AUG-2005 16:20:53	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	18202	No
163	GOM_NL__2PRFIN20050823_162742_000000512040_00112_18202_6070.N1	23-AUG-2005 16:27:42	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	18202	No
164	GOM_NL__2PRFIN20050823_163752_000000442040_00112_18202_6071.N1	23-AUG-2005 16:37:52	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18202	No
165	GOM_NL__2PRFIN20050823_164125_000000132040_00112_18202_6072.N1	23-AUG-2005 16:41:25	Dark	12.500	61	8Eps Peg	2.1000	3900.0	25	18202	Yes
166	GOM_NL__2PRFIN20050823_165953_000000472040_00112_18202_6073.N1	23-AUG-2005 16:59:53	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18202	No
167	GOM_NL__2PRFIN20050823_170207_000000262040_00112_18202_6074.N1	23-AUG-2005 17:02:07	Twi_and_stray	26.000	76	27Gam Cas	2.3000	30000.	52	18202	No
168	GOM_NL__2PRFIN20050823_171549_000000502040_00112_18202_6075.N1	23-AUG-2005 17:15:49	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	18202	No
169	GOM_NL__2PRFIN20050823_171903_000000412040_00112_18202_6076.N1	23-AUG-2005 17:19:03	Bright	41.000	107	37The Aur	2.6490	11000.	82	18202	No
170	GOM_NL__2PRFIN20050823_172225_000000142040_00112_18202_6077.N1	23-AUG-2005 17:22:25	Twi_and_stray	14.000	28	12Bet Tau	1.6500	15200.	28	18202	No
171	GOM_NL__2PRFIN20050823_172410_000000212040_00112_18202_6078.N1	23-AUG-2005 17:24:10	Dark	21.000	151	13Mu Gem	2.8900	3000.0	42	18202	Yes
172	GOM_NL__2PRFIN20050823_172916_000000662040_00112_18202_6079.N1	23-AUG-2005 17:29:16	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	18202	No
173	GOM_NL__2PRFIN20050823_173250_000000552040_00112_18202_6080.N1	23-AUG-2005 17:32:50	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18202	No
174	GOM_NL__2PRFIN20050823_173419_000000492040_00112_18202_6081.N1	23-AUG-2005 17:34:19	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	18202	No
175	GOM_NL__2PRFIN20050823_173614_000000602040_00112_18202_6082.N1	23-AUG-2005 17:36:14	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	18202	No
176	GOM_NL__2PRFIN20050823_173849_000000492040_00112_18202_6083.N1	23-AUG-2005 17:38:49	Dark	49.000	139	9Bet Lep	2.8330	5600.0	98	18202	No
177	GOM_NL__2PRFIN20050823_175227_000000552040_00113_18203_6068.N1	23-AUG-2005 17:52:27	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18203	No
178	GOM_NL__2PRFIN20050823_180130_000000472040_00113_18203_6069.N1	23-AUG-2005 18:01:30	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	18203	No
179	GOM_NL__2PRFIN20050823_180818_000000542040_00113_18203_6070.N1	23-AUG-2005 18:08:18	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	18203	No
180	GOM_NL__2PRFIN20050823_181828_000000432040_00113_18203_6071.N1	23-AUG-2005 18:18:28	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18203	No
181	GOM_NL__2PRFIN20050823_182205_000000072040_00113_18203_6072.N1	23-AUG-2005 18:22:05	Dark	7.0000	61	8Eps Peg	2.1000	3900.0	14	18203	Yes
182	GOM_NL__2PRFIN20050823_184028_000000462040_00113_18203_6073.N1	23-AUG-2005 18:40:28	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18203	No
183	GOM_NL__2PRFIN20050823_184242_000000262040_00113_18203_6074.N1	23-AUG-2005 18:42:42	Twi_and_stray	26.000	76	27Gam Cas	2.3000	30000.	52	18203	No
184	GOM_NL__2PRFIN20050823_185625_000000502040_00113_18203_6075.N1	23-AUG-2005 18:56:25	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	18203	No
185	GOM_NL__2PRFIN20050823_185939_000000412040_00113_18203_6076.N1	23-AUG-2005 18:59:39	Bright	41.000	107	37The Aur	2.6490	11000.	82	18203	No
186	GOM_NL__2PRFIN20050823_190301_000000142040_00113_18203_6077.N1	23-AUG-2005 19:03:01	Twi_and_stray	14.000	28	12Bet Tau	1.6500	15200.	28	18203	No
187	GOM_NL__2PRFIN20050823_190439_000000302040_00113_18203_6078.N1	23-AUG-2005 19:04:39	Dark	29.500	151	13Mu Gem	2.8900	3000.0	59	18203	Yes
188	GOM_NL__2PRFIN20050823_190952_000000662040_00113_18203_6079.N1	23-AUG-2005 19:09:52	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	18203	No
189	GOM_NL__2PRFIN20050823_191129_000000042040_00113_18203_6080.N1	23-AUG-2005 19:11:29	Dark	4.0000	27	24Gam Ori	1.6360	26000.	8	18203	No
190	GOM_NL__2PRFIN20050823_191326_000000562040_00113_18203_6081.N1	23-AUG-2005 19:13:26	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18203	No
191	GOM_NL__2PRFIN20050823_191456_000000512040_00113_18203_6082.N1	23-AUG-2005 19:14:56	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18203	No
192	GOM_NL__2PRFIN20050823_191651_000000672040_00113_18203_6083.N1	23-AUG-2005 19:16:51	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	18203	No
193	GOM_NL__2PRFIN20050823_191926_000000492040_00113_18203_6084.N1	23-AUG-2005 19:19:26	Dark	48.500	139	9Bet Lep	2.8330	5600.0	97	18203	No
194	GOM_NL__2PRFIN20050823_193304_000000552040_00114_18204_6068.N1	23-AUG-2005 19:33:04	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18204	No
195	GOM_NL__2PRFIN20050823_194207_000000202040_00114_18204_6069.N1	23-AUG-2005 19:42:07	Straylight	19.500	84	Alp Phe	2.3970	4500.0	39	18204	No
196	GOM_NL__2PRFIN20050823_194854_000000552040_00114_18204_6070.N1	23-AUG-2005 19:48:54	Straylight	55.000	18	24Alp PsA	1.1660	9700.0	110	18204	No
197	GOM_NL__2PRFIN20050823_195904_000000432040_00114_18204_6071.N1	23-AUG-2005 19:59:04	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18204	No
198	GOM_NL__2PRFIN20050823_202103_000000442040_00114_18204_6072.N1	23-AUG-2005 20:21:03	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	18204	No
199	GOM_NL__2PRFIN20050823_202317_000000272040_00114_18204_6073.N1	23-AUG-2005 20:23:17	Twi_and_stray	27.000	76	27Gam Cas	2.3000	30000.	54	18204	No
200	GOM_NL__2PRFIN20050823_203701_000000522040_00114_18204_6074.N1	23-AUG-2005 20:37:01	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	18204	No
201	GOM_NL__2PRFIN20050823_204015_000000422040_00114_18204_6075.N1	23-AUG-2005 20:40:15	Bright	42.000	107	37The Aur	2.6490	11000.	84	18204	No
202	GOM_NL__2PRFIN20050823_204338_000000052040_00114_18204_6076.N1	23-AUG-2005 20:43:38	Straylight	5.0000	28	12Bet Tau	1.6500	15200.	10	18204	No
203	GOM_NL__2PRFIN20050823_204508_000000342040_00114_18204_6077.N1	23-AUG-2005 20:45:08	Dark	34.000	151	13Mu Gem	2.8900	3000.0	68	18204	Yes
204	GOM_NL__2PRFIN20050823_205029_000000662040_00114_18204_6078.N1	23-AUG-2005 20:50:29	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	18204	No
205	GOM_NL__2PRFIN20050823_205403_000000562040_00114_18204_6079.N1	23-AUG-2005 20:54:03	Dark	56.000	30	46Eps Ori	1.6940	30000.	112	18204	No
206	GOM_NL__2PRFIN20050823_205533_000000502040_00114_18204_6080.N1	23-AUG-2005 20:55:33	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	18204	No
207	GOM_NL__2PRFIN20050823_205728_000000632040_00114_18204_6081.N1	23-AUG-2005 20:57:28	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	18204	No
208	GOM_NL__2PRFIN20050823_210002_000000472040_00114_18204_6082.N1	23-AUG-2005 21:00:02	Dark	47.000	139	9Bet Lep	2.8330	5600.0	94	18204	No
209	GOM_NL__2PRFIN20050823_211341_000000552040_00115_18205_6068.N1	23-AUG-2005 21:13:41	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18205	No
210	GOM_NL__2PRFIN20050823_212243_000000512040_00115_18205_6069.N1	23-AUG-2005 21:22:43	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	18205	No
211	GOM_NL__2PRFIN20050823_212931_000000582040_00115_18205_6070.N1	23-AUG-2005 21:29:31	Straylight	57.500	18	24Alp PsA	1.1660	9700.0	115	18205	No
212	GOM_NL__2PRFIN20050823_213940_000000432040_00115_18205_6071.N1	23-AUG-2005 21:39:40	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18205	No
213	GOM_NL__2PRFIN20050823_220139_000000422040_00115_18205_6072.N1	23-AUG-2005 22:01:39	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	18205	No
214	GOM_NL__2PRFIN20050823_220352_000000272040_00115_18205_6073.N1	23-AUG-2005 22:03:52	Twi_and_stray	27.000	76	27Gam Cas	2.3000	30000.	54	18205	No
215	GOM_NL__2PRFIN20050823_221737_000000542040_00115_18205_6074.N1	23-AUG-2005 22:17:37	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	18205	No
216	GOM_NL__2PRFIN20050823_222051_000000412040_00115_18205_6075.N1	23-AUG-2005 22:20:51	Bright	40.500	107	37The Aur	2.6490	11000.	81	18205	No
217	GOM_NL__2PRFIN20050823_222414_000000052040_00115_18205_6076.N1	23-AUG-2005 22:24:14	Straylight	5.0000	28	12Bet Tau	1.6500	15200.	10	18205	No
218	GOM_NL__2PRFIN20050823_222538_000000442040_00115_18205_6077.N1	23-AUG-2005 22:25:38	Twi_and_stray	43.500	151	13Mu Gem	2.8900	3000.0	87	18205	No
219	GOM_NL__2PRFIN20050823_223105_000000602040_00115_18205_6078.N1	23-AUG-2005 22:31:05	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	18205	No

220	GOM_NL__2PRFIN20050823_223440_000000562040_00115_18205_6079.N1	23-AUG-2005 22: 34: 40	Dark	56.000	30	46Eps Ori	1.6940	30000.	112	18205	No
221	GOM_NL__2PRFIN20050823_223609_000000482040_00115_18205_6080.N1	23-AUG-2005 22: 36: 09	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	18205	No
222	GOM_NL__2PRFIN20050823_224039_000000492040_00115_18205_6081.N1	23-AUG-2005 22: 40: 39	Dark	49.000	139	9Bet Lep	2.8330	5600.0	98	18205	No

### 3. Quality information per product

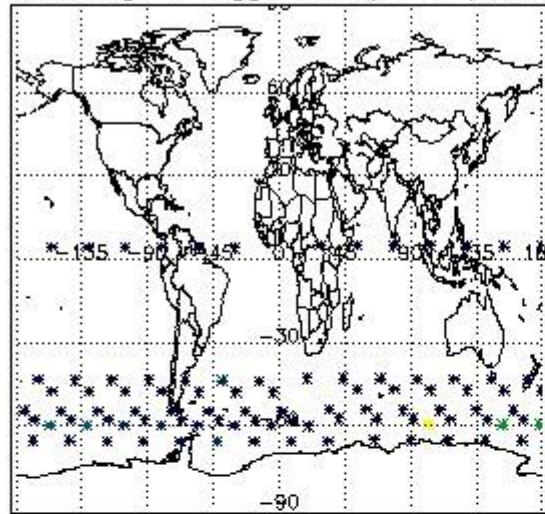
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

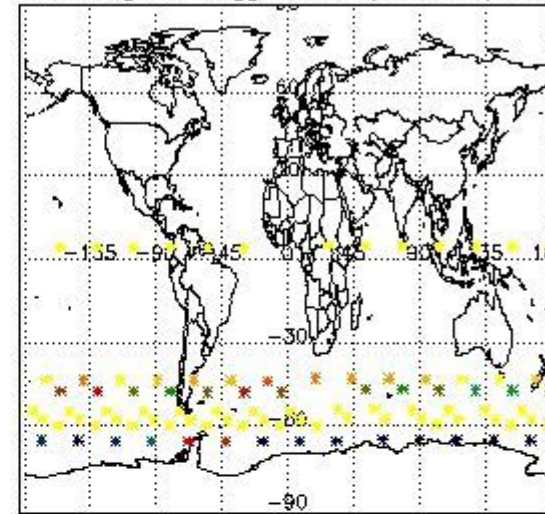


#### 3.2 Plot quality information per product (world map)

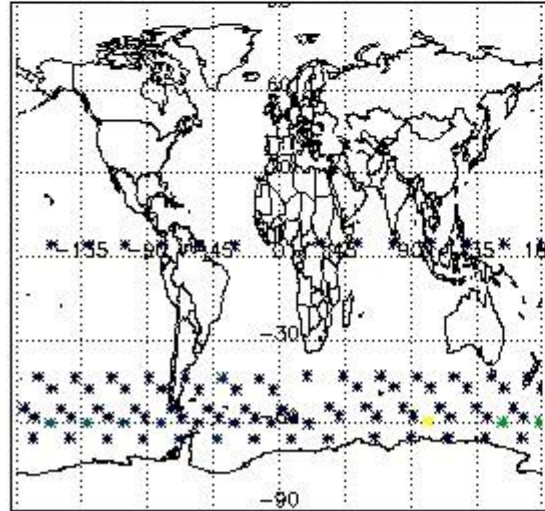
Percentage of flagged data per O3 profile



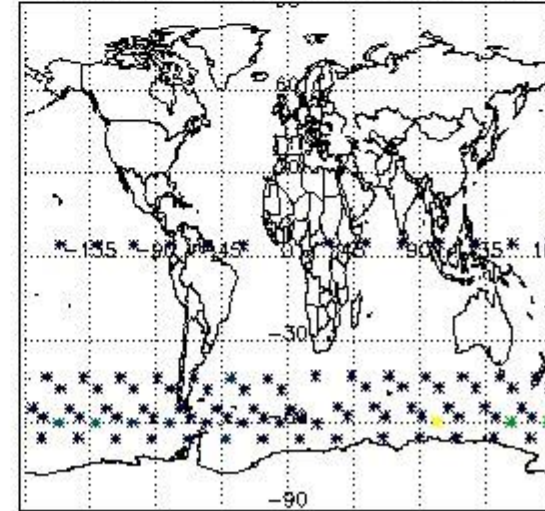
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

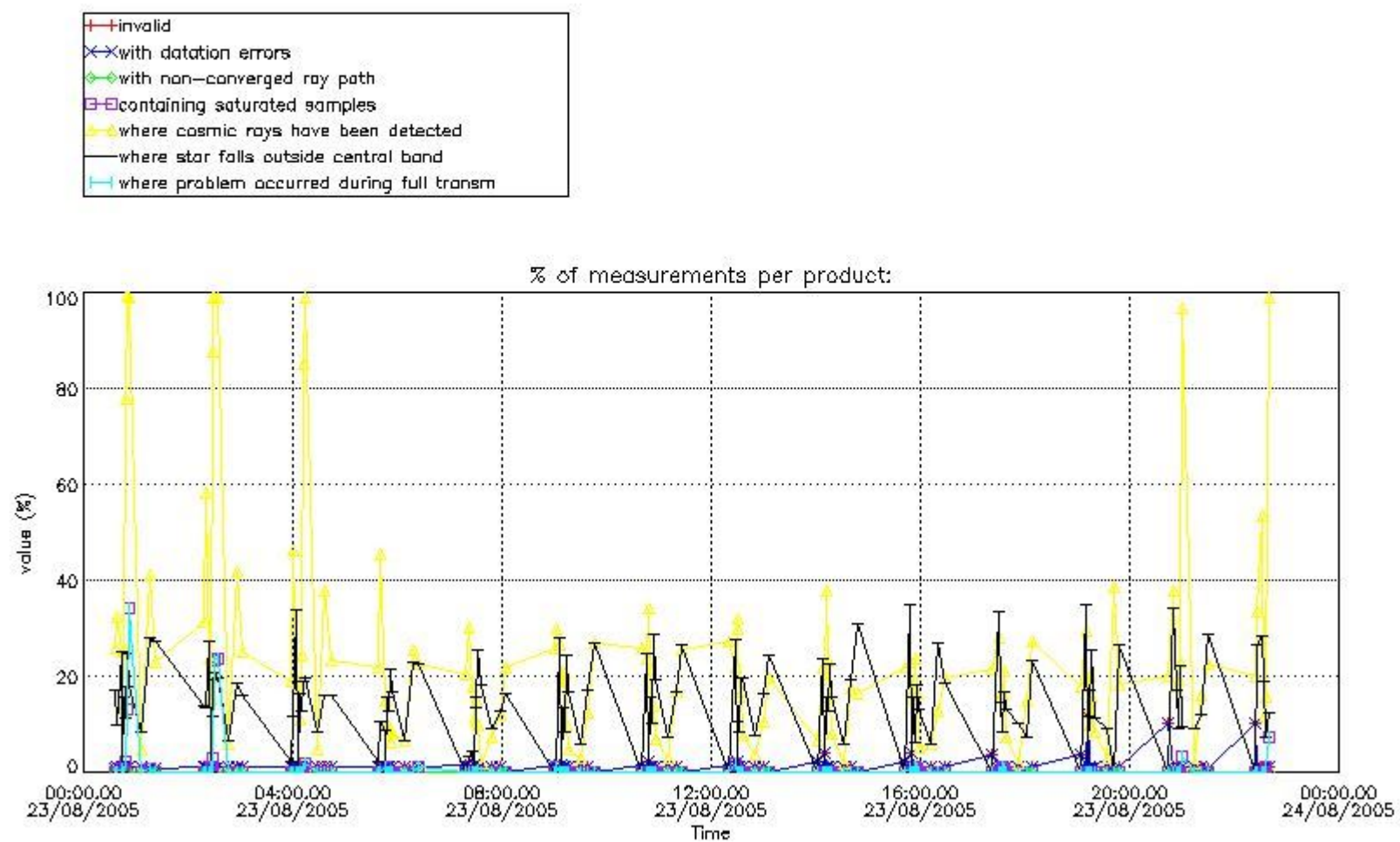


#### 4. Level 1 quality information per product

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.

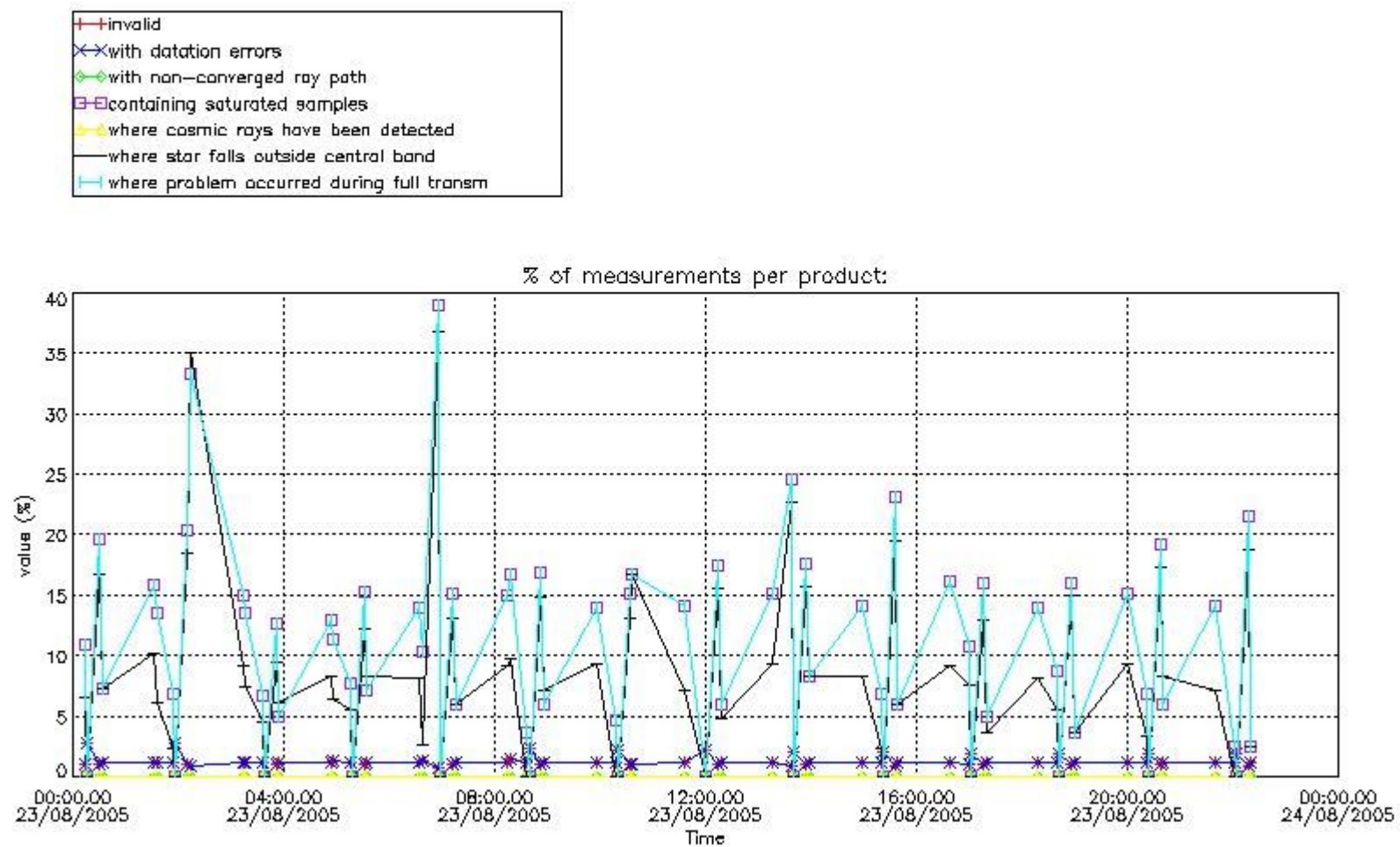
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



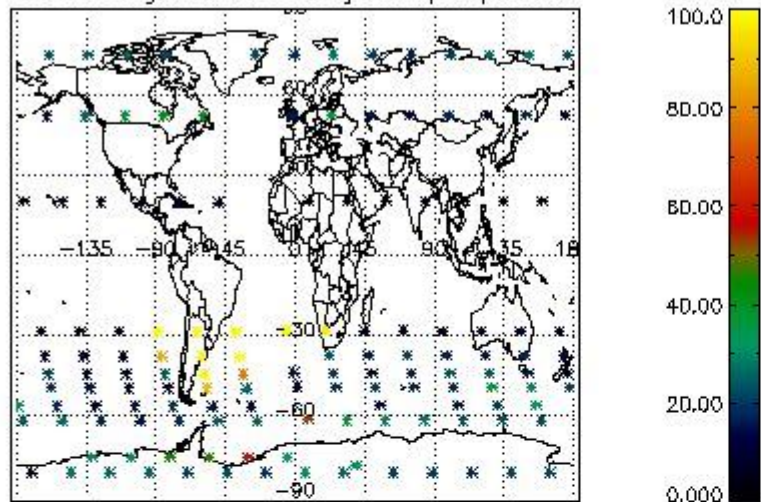
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



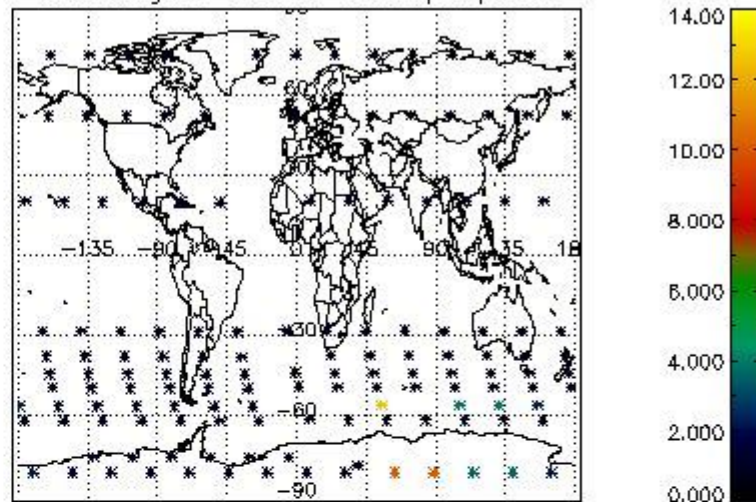


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

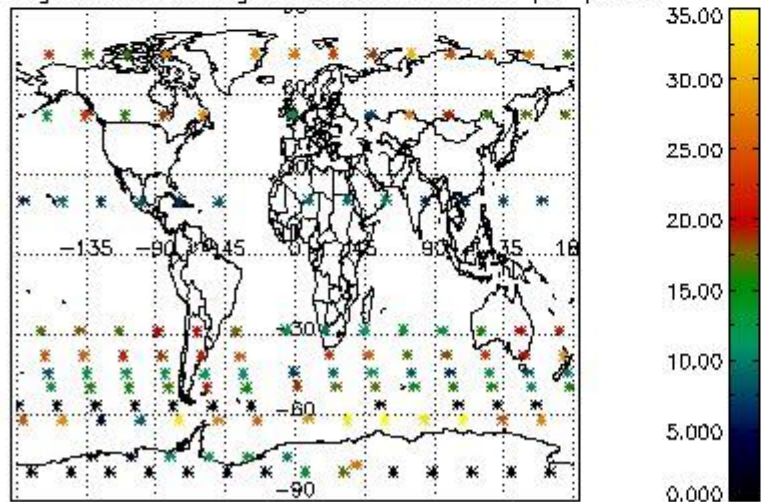
Percentage of cosmic ray hits per profile



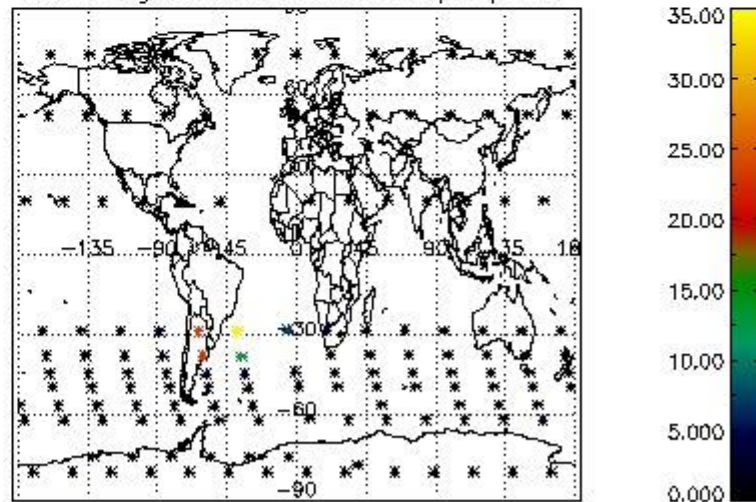
Percentage of datation errors per profile



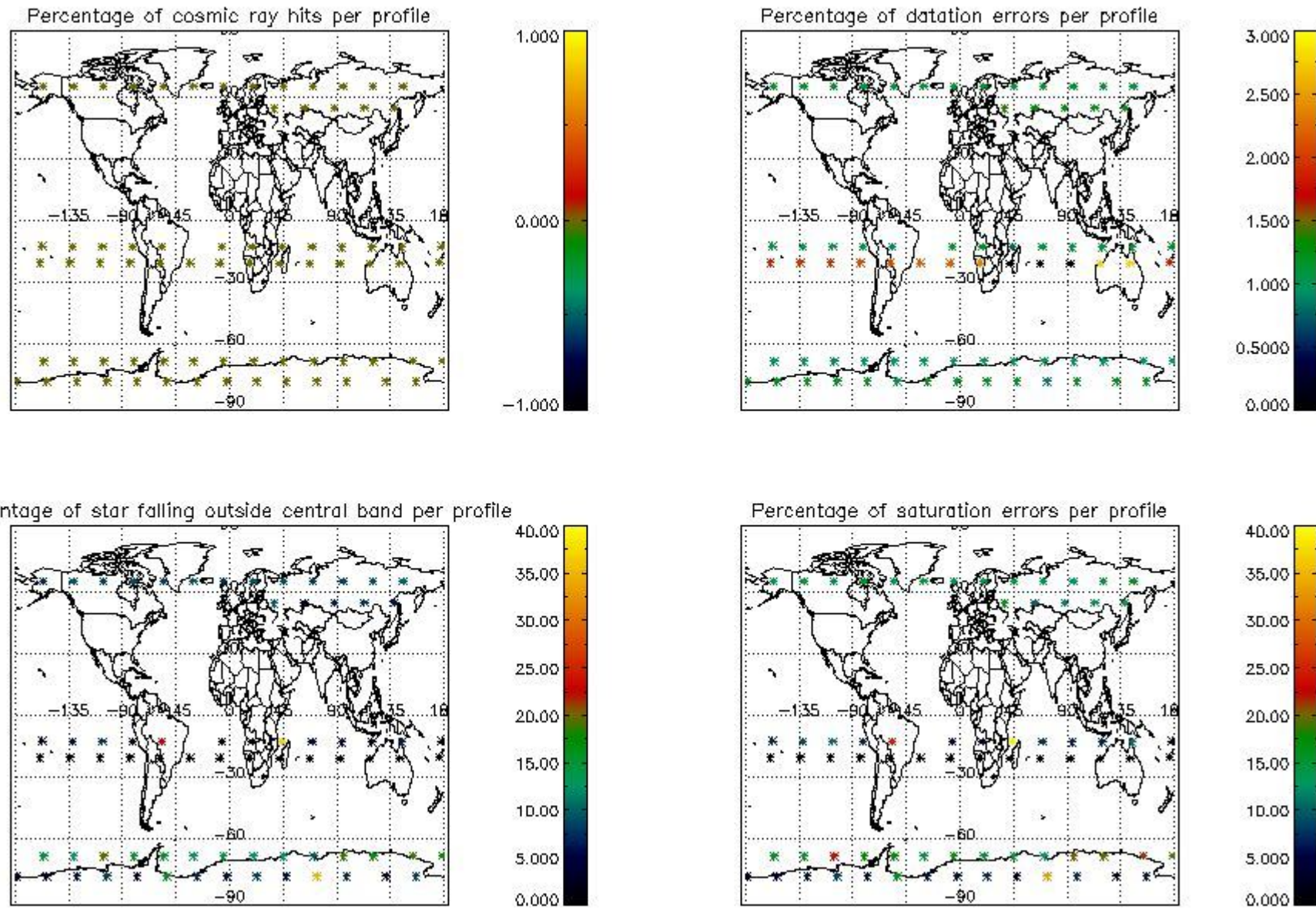
Percentage of star falling outside central band per profile



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

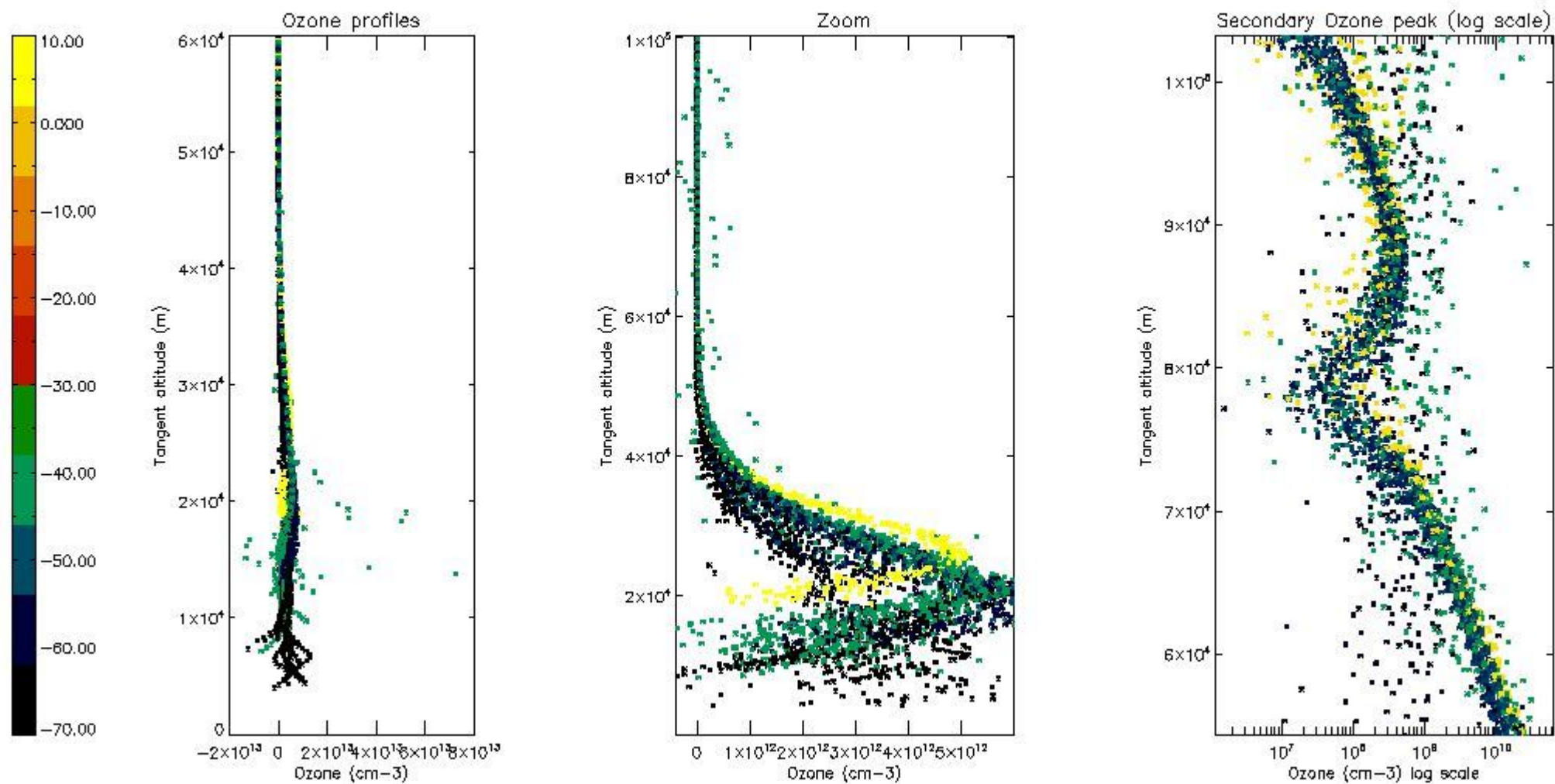
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	28

STD < 10	24
STD < 5	16

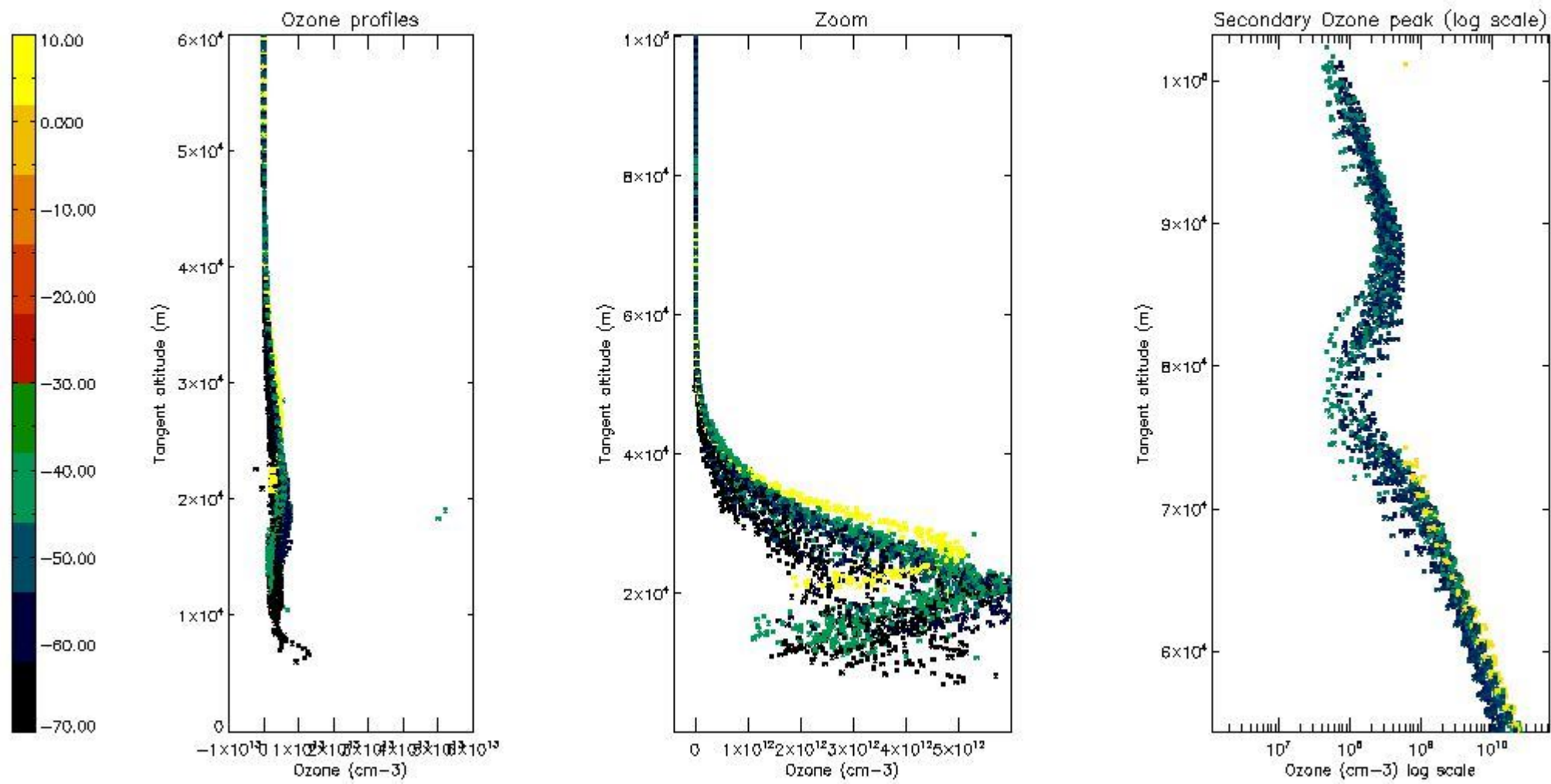
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



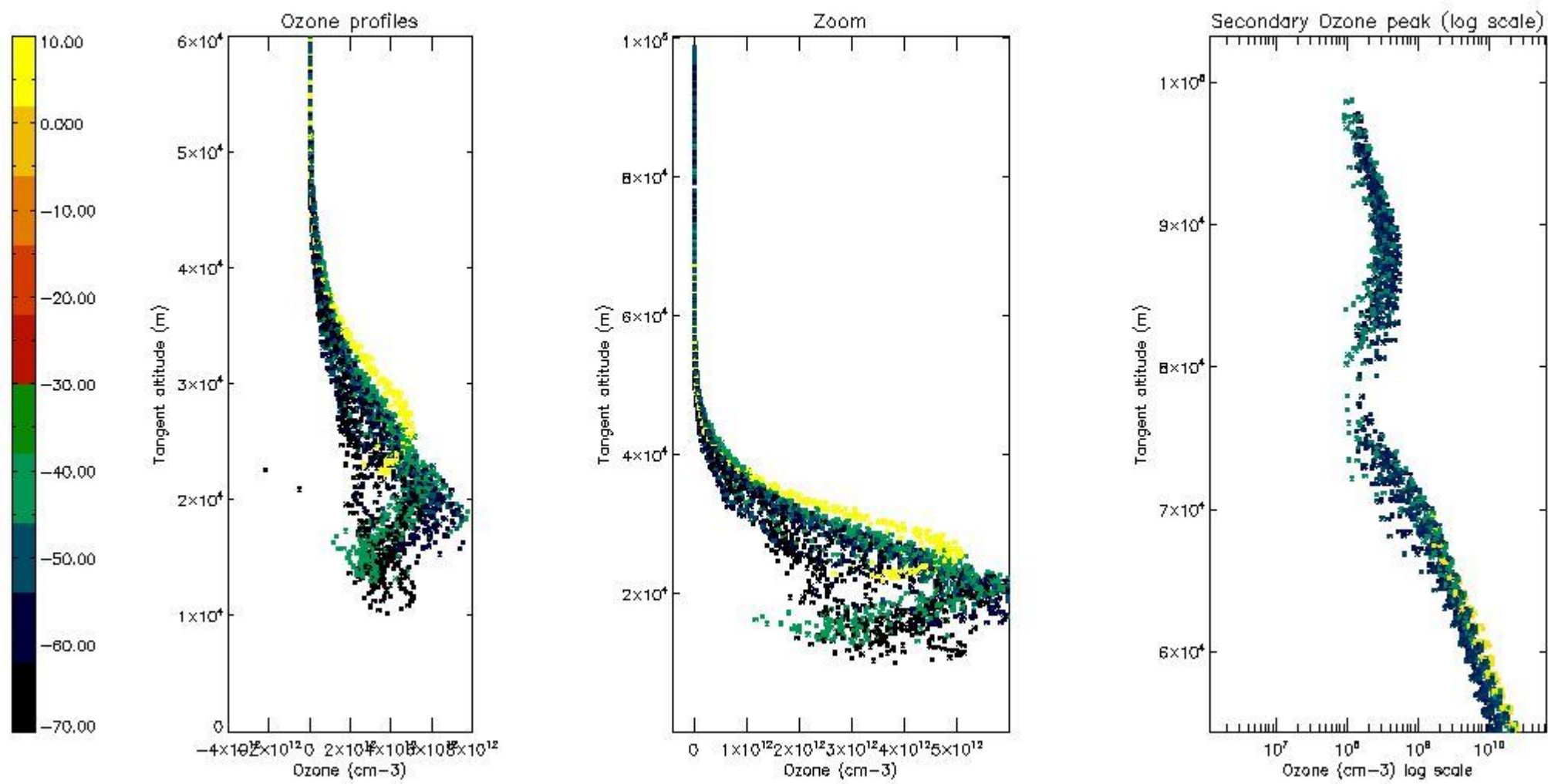
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



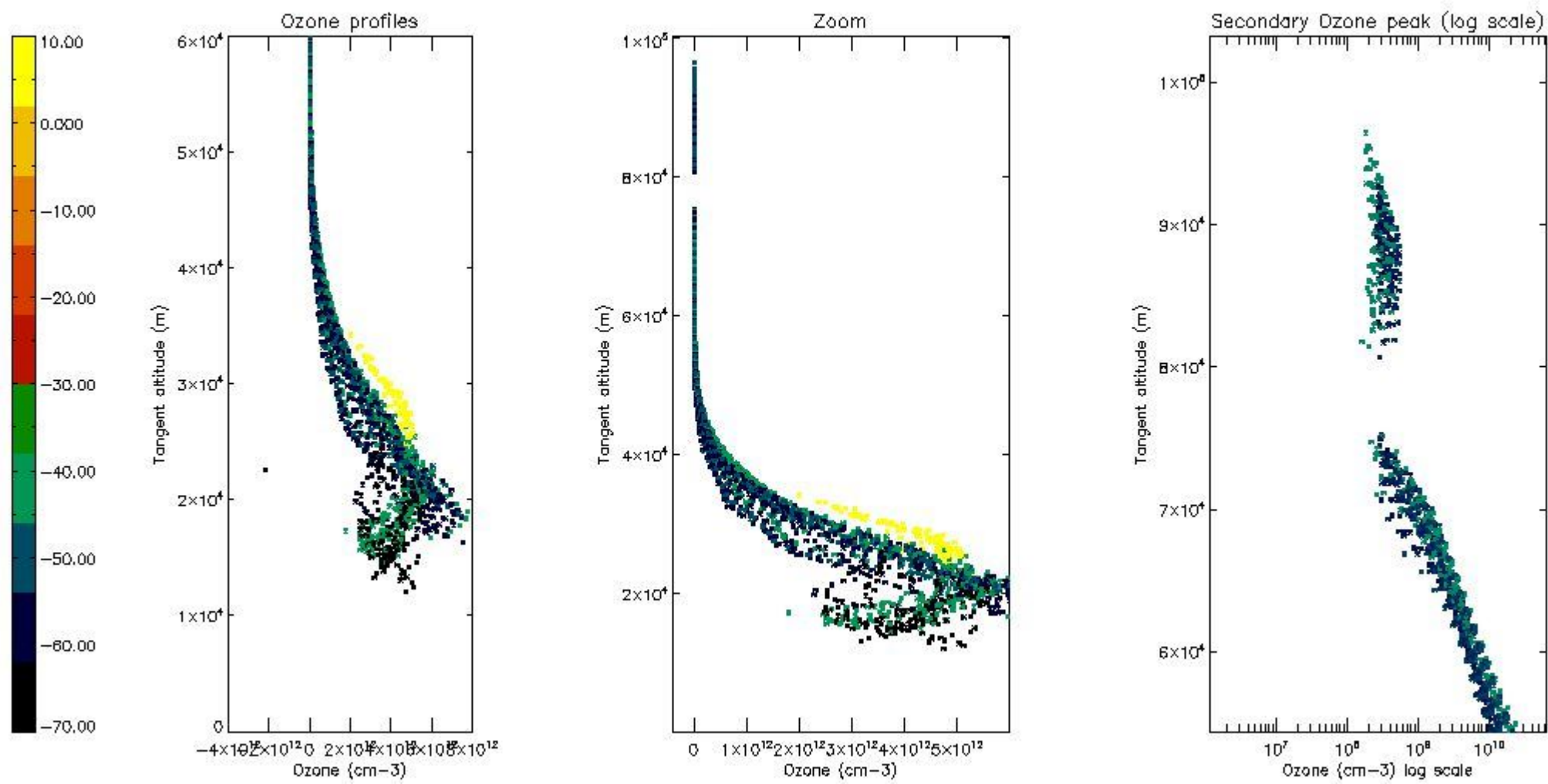
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



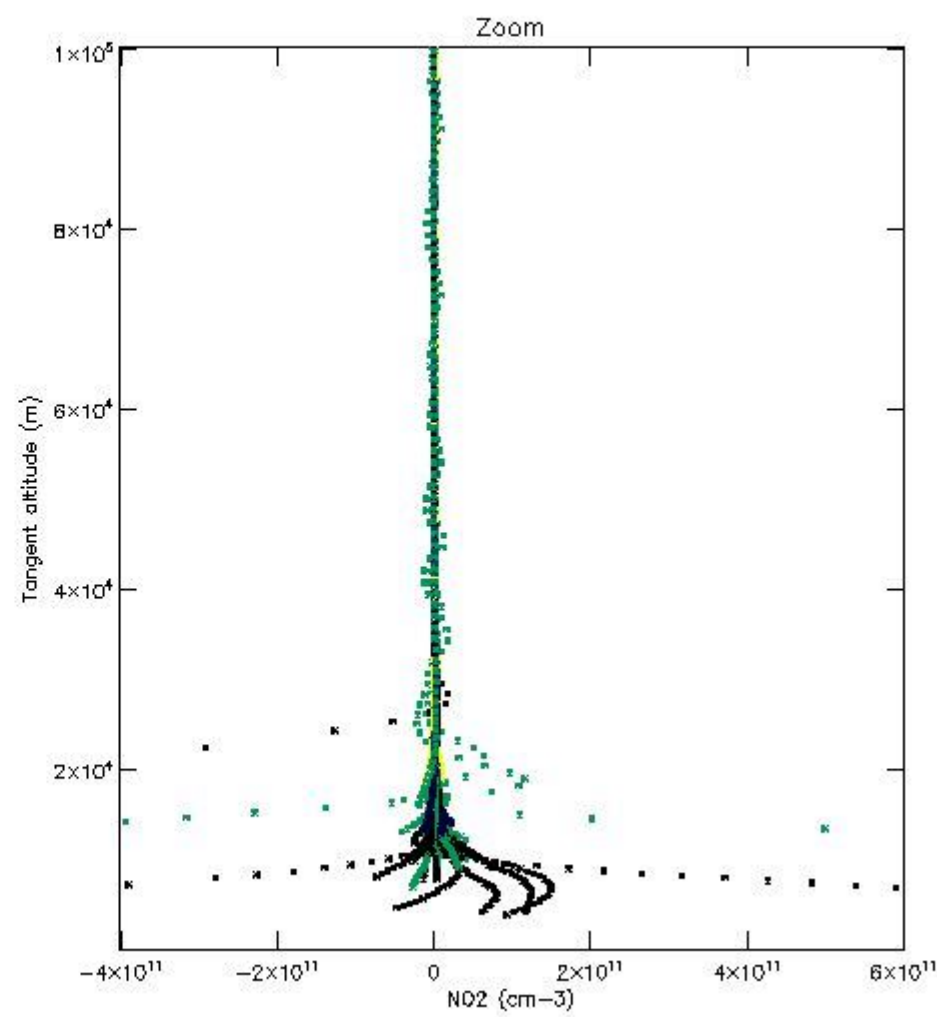
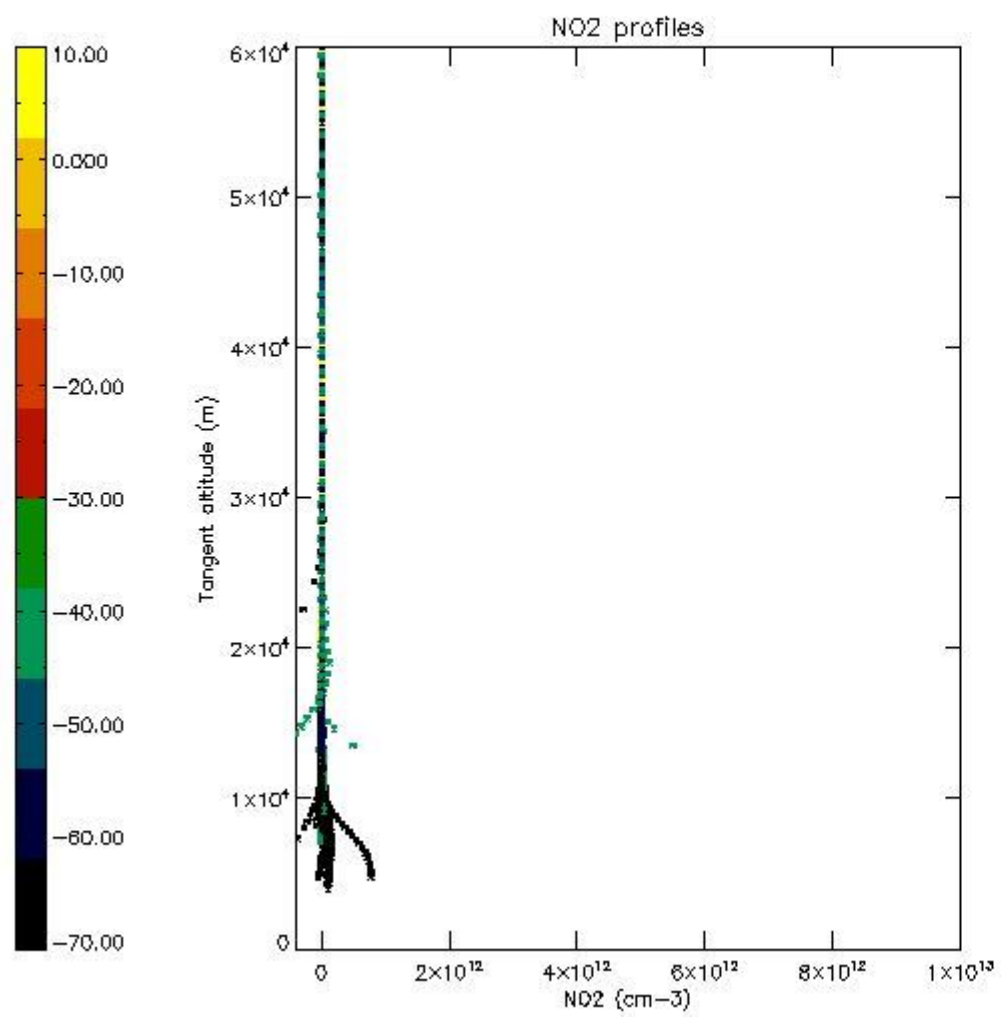
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

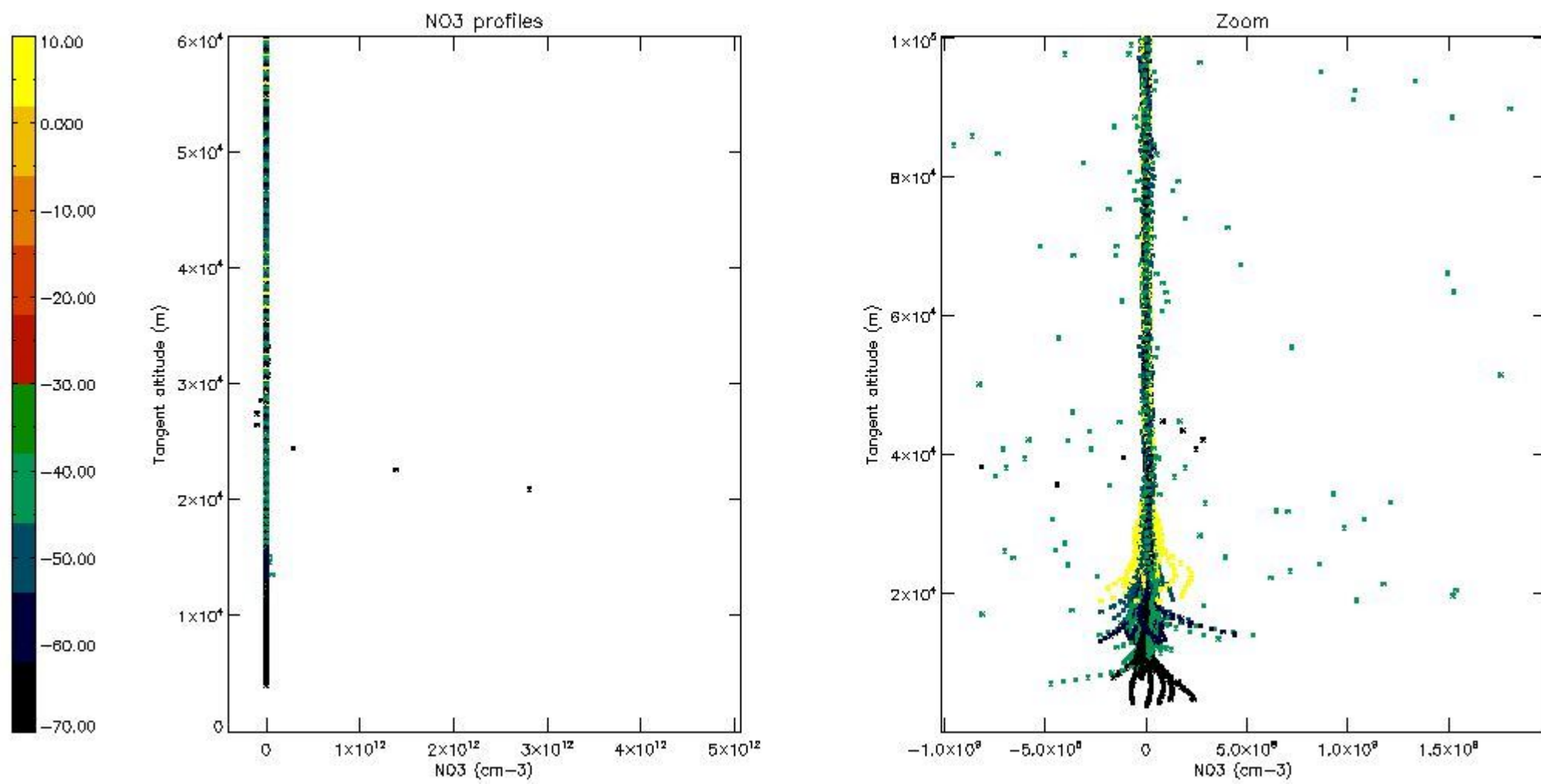
The colorbar represents the latitude.



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

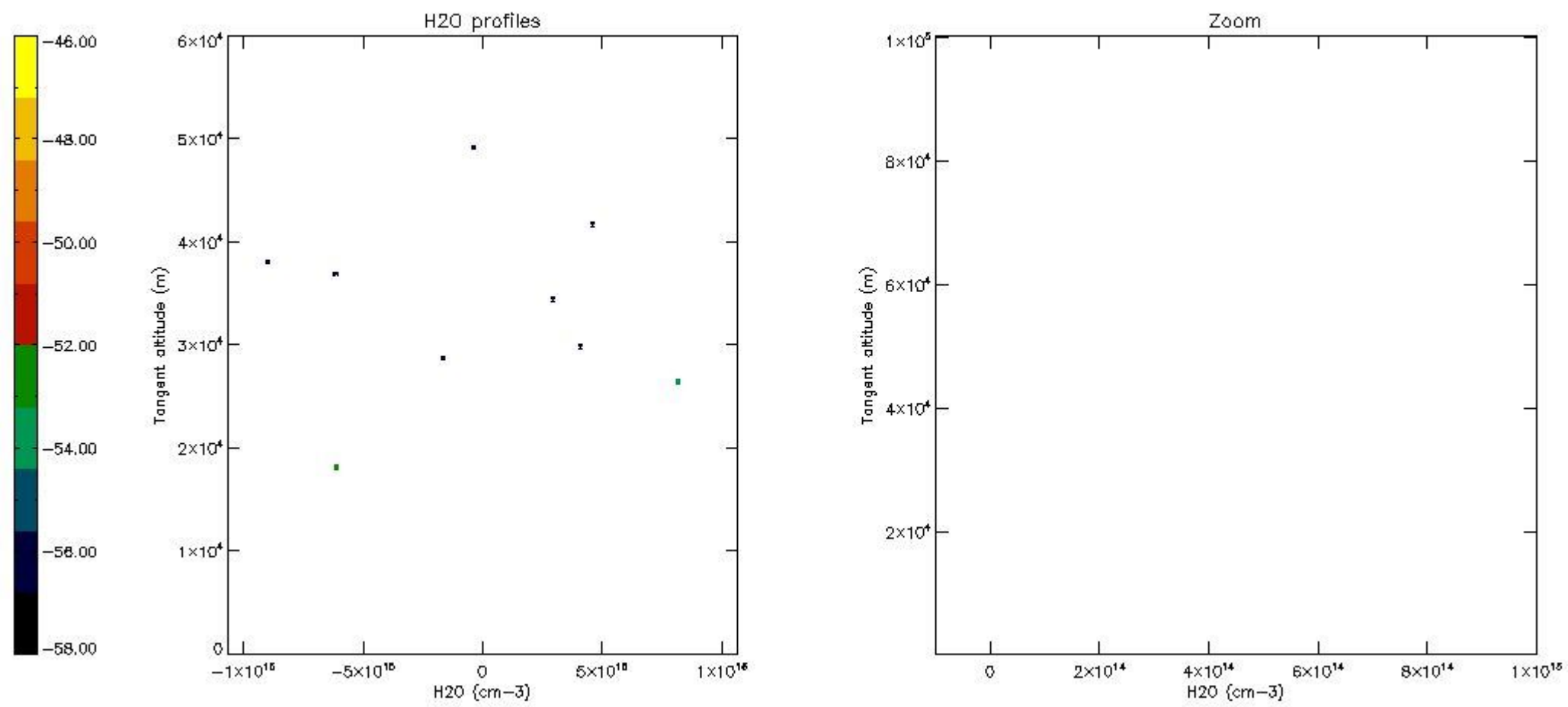
The colorbar represents the latitude.





*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	23-AUG-2005 00:14:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-AUG-2005 00:14:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-AUG-2005 00:14:01

# 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	18APR2013 10:33:44
Data source version	GOMOS/6.01
Start time of products	23-08-2005 (23AUG2005 00:00:00)
Stop time of products	24-08-2005 (24AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	222
Nb of prods with errors	9

## 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__2PRFIN20050823_001401_000000462040_00102_18192_6049.N1	23-AUG-2005 00:14:01	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	18192	No
2	GOM_NL__2PRFIN20050823_001615_000000182040_00102_18192_6050.N1	23-AUG-2005 00:16:15	Twilight	18.000	76	27Gam Cas	2.3000	30000.	36	18192	No
3	GOM_NL__2PRFIN20050823_002952_000000512040_00102_18192_6051.N1	23-AUG-2005 00:29:52	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18192	No
4	GOM_NL__2PRFIN20050823_003303_000000422040_00102_18192_6052.N1	23-AUG-2005 00:33:03	Bright	41.500	107	37The Aur	2.6490	11000.	83	18192	No
5	GOM_NL__2PRFIN20050823_003624_000000562040_00102_18192_6053.N1	23-AUG-2005 00:36:24	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	18192	No
6	GOM_NL__2PRFIN20050823_003859_000000512040_00102_18192_6054.N1	23-AUG-2005 00:38:59	Twilight	51.000	176	23Zet Tau	3.0200	22000.	102	18192	No
7	GOM_NL__2PRFIN20050823_004311_000000582040_00102_18192_6055.N1	23-AUG-2005 00:43:11	Dark	57.500	14	58Alp Ori	0.87000	3000.0	115	18192	No
8	GOM_NL__2PRFIN20050823_004445_000000492040_00102_18192_6056.N1	23-AUG-2005 00:44:45	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	18192	No
9	GOM_NL__2PRFIN20050823_004642_000000552040_00102_18192_6057.N1	23-AUG-2005 00:46:42	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18192	No
10	GOM_NL__2PRFIN20050823_004811_000000502040_00102_18192_6058.N1	23-AUG-2005 00:48:11	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	18192	No
11	GOM_NL__2PRFIN20050823_005004_000000652040_00102_18192_6059.N1	23-AUG-2005 00:50:04	Dark	65.000	7	19Bet Ori	0.10000	14000.	130	18192	No
12	GOM_NL__2PRFIN20050823_005241_000000512040_00102_18192_6060.N1	23-AUG-2005 00:52:41	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18192	No
13	GOM_NL__2PRFIN20050823_010615_000000542040_00103_18193_6044.N1	23-AUG-2005 01:06:15	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18193	No
14	GOM_NL__2PRFIN20050823_011524_000000612040_00103_18193_6045.N1	23-AUG-2005 01:15:24	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	18193	No
15	GOM_NL__2PRFIN20050823_012215_000000572040_00103_18193_6046.N1	23-AUG-2005 01:22:15	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	18193	No
16	GOM_NL__2PRFIN20050823_013230_000000442040_00103_18193_6047.N1	23-AUG-2005 01:32:30	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	18193	No
17	GOM_NL__2PRFIN20050823_013535_000000412040_00103_18193_6048.N1	23-AUG-2005 01:35:35	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18193	No
18	GOM_NL__2PRFIN20050823_015436_000000442040_00103_18193_6049.N1	23-AUG-2005 01:54:36	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	18193	No
19	GOM_NL__2PRFIN20050823_015650_000000182040_00103_18193_6050.N1	23-AUG-2005 01:56:50	Twilight	18.000	76	27Gam Cas	2.3000	30000.	36	18193	No
20	GOM_NL__2PRFIN20050823_021027_000000522040_00103_18193_6051.N1	23-AUG-2005 02:10:27	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	18193	No
21	GOM_NL__2PRFIN20050823_021339_000000592040_00103_18193_6052.N1	23-AUG-2005 02:13:39	Bright	58.500	107	37The Aur	2.6490	11000.	117	18193	No
22	GOM_NL__2PRFIN20050823_021700_000000552040_00103_18193_6053.N1	23-AUG-2005 02:17:00	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	18193	No
23	GOM_NL__2PRFIN20050823_021935_000000532040_00103_18193_6054.N1	23-AUG-2005 02:19:35	Twilight	52.500	176	23Zet Tau	3.0200	22000.	105	18193	No
24	GOM_NL__2PRFIN20050823_022347_000000592040_00103_18193_6055.N1	23-AUG-2005 02:23:47	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	18193	No
25	GOM_NL__2PRFIN20050823_022522_000000492040_00103_18193_6056.N1	23-AUG-2005 02:25:22	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	18193	No
26	GOM_NL__2PRFIN20050823_022719_000000572040_00103_18193_6057.N1	23-AUG-2005 02:27:19	Dark	57.000	30	46Eps Ori	1.6940	30000.	114	18193	No
27	GOM_NL__2PRFIN20050823_022848_000000512040_00103_18193_6058.N1	23-AUG-2005 02:28:48	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18193	No
28	GOM_NL__2PRFIN20050823_023041_000000632040_00103_18193_6059.N1	23-AUG-2005 02:30:41	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	18193	No
29	GOM_NL__2PRFIN20050823_023317_000000532040_00103_18193_6060.N1	23-AUG-2005 02:33:17	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	18193	No
30	GOM_NL__2PRFIN20050823_024652_000000532040_00104_18194_6044.N1	23-AUG-2005 02:46:52	Dark	53.000	157	The1Eri	2.9060	9300.0	106	18194	No
31	GOM_NL__2PRFIN20050823_025600_000000542040_00104_18194_6045.N1	23-AUG-2005 02:56:00	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	18194	No
32	GOM_NL__2PRFIN20050823_030252_000000502040_00104_18194_6046.N1	23-AUG-2005 03:02:52	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	18194	No
33	GOM_NL__2PRFIN20050823_031306_000000442040_00104_18194_6047.N1	23-AUG-2005 03:13:06	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18194	No
34	GOM_NL__2PRFIN20050823_031611_000000412040_00104_18194_6048.N1	23-AUG-2005 03:16:11	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18194	No
35	GOM_NL__2PRFIN20050823_033511_000000452040_00104_18194_6049.N1	23-AUG-2005 03:35:11	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	18194	No
36	GOM_NL__2PRFIN20050823_033725_000000202040_00104_18194_6050.N1	23-AUG-2005 03:37:25	Twilight	19.500	76	27Gam Cas	2.3000	30000.	39	18194	No
37	GOM_NL__2PRFIN20050823_035103_000000482040_00104_18194_6051.N1	23-AUG-2005 03:51:03	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	18194	No
38	GOM_NL__2PRFIN20050823_035415_000000412040_00104_18194_6052.N1	23-AUG-2005 03:54:15	Bright	41.000	107	37The Aur	2.6490	11000.	82	18194	No
39	GOM_NL__2PRFIN20050823_035736_000000482040_00104_18194_6053.N1	23-AUG-2005 03:57:36	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	18194	No
40	GOM_NL__2PRFIN20050823_040011_000000522040_00104_18194_6054.N1	23-AUG-2005 04:00:11	Twilight	52.000	176	23Zet Tau	3.0200	22000.	104	18194	No
41	GOM_NL__2PRFIN20050823_040424_000000652040_00104_18194_6055.N1	23-AUG-2005 04:04:24	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18194	No
42	GOM_NL__2PRFIN20050823_040558_000000402040_00104_18194_6056.N1	23-AUG-2005 04:05:58	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	18194	No

43	GOM_NL__2PRFIN20050823_040756_000000552040_00104_18194_6057.N1	23-AUG-2005 04:07:56	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	18194	No
44	GOM_NL__2PRFIN20050823_040925_000000522040_00104_18194_6058.N1	23-AUG-2005 04:09:25	Dark	51.500	125	44Iot Ori	2.7700	30000.	103	18194	No
45	GOM_NL__2PRFIN20050823_041118_000000612040_00104_18194_6059.N1	23-AUG-2005 04:11:18	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18194	No
46	GOM_NL__2PRFIN20050823_041354_000000532040_00104_18194_6060.N1	23-AUG-2005 04:13:54	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	18194	No
47	GOM_NL__2PRFIN20050823_042730_000000542040_00105_18195_6044.N1	23-AUG-2005 04:27:30	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18195	No
48	GOM_NL__2PRFIN20050823_043637_000000532040_00105_18195_6045.N1	23-AUG-2005 04:36:37	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	18195	No
49	GOM_NL__2PRFIN20050823_044328_000000502040_00105_18195_6046.N1	23-AUG-2005 04:43:28	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	18195	No
50	GOM_NL__2PRFIN20050823_045342_000000432040_00105_18195_6047.N1	23-AUG-2005 04:53:42	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18195	No
51	GOM_NL__2PRFIN20050823_045646_000000402040_00105_18195_6048.N1	23-AUG-2005 04:56:46	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	18195	No
52	GOM_NL__2PRFIN20050823_051547_000000452040_00105_18195_6049.N1	23-AUG-2005 05:15:47	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	18195	No
53	GOM_NL__2PRFIN20050823_051800_000000202040_00105_18195_6050.N1	23-AUG-2005 05:18:00	Tw_i_and_stray	19.500	76	27Gam Cas	2.3000	30000.	39	18195	No
54	GOM_NL__2PRFIN20050823_053139_000000492040_00105_18195_6051.N1	23-AUG-2005 05:31:39	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	18195	No
55	GOM_NL__2PRFIN20050823_053451_000000422040_00105_18195_6052.N1	23-AUG-2005 05:34:51	Bright	42.000	107	37The Aur	2.6490	11000.	84	18195	No
56	GOM_NL__2PRFIN20050823_053812_000000482040_00105_18195_6053.N1	23-AUG-2005 05:38:12	Tw_i_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	18195	No
57	GOM_NL__2PRFIN20050823_054048_000000522040_00105_18195_6054.N1	23-AUG-2005 05:40:48	Tw_i_and_stray	51.500	176	23Zet Tau	3.0200	22000.	103	18195	No
58	GOM_NL__2PRFIN20050823_054500_000000472040_00105_18195_6055.N1	23-AUG-2005 05:45:00	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	18195	No
59	GOM_NL__2PRFIN20050823_054635_000000402040_00105_18195_6056.N1	23-AUG-2005 05:46:35	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	18195	No
60	GOM_NL__2PRFIN20050823_054832_000000552040_00105_18195_6057.N1	23-AUG-2005 05:48:32	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18195	No
61	GOM_NL__2PRFIN20050823_055002_000000512040_00105_18195_6058.N1	23-AUG-2005 05:50:02	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18195	No
62	GOM_NL__2PRFIN20050823_055155_000000632040_00105_18195_6059.N1	23-AUG-2005 05:51:55	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	18195	No
63	GOM_NL__2PRFIN20050823_055431_000000512040_00105_18195_6060.N1	23-AUG-2005 05:54:31	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18195	No
64	GOM_NL__2PRFIN20050823_060807_000000532040_00106_18196_6044.N1	23-AUG-2005 06:08:07	Dark	53.000	157	The1Eri	2.9060	9300.0	106	18196	No
65	GOM_NL__2PRFIN20050823_061714_000000572040_00106_18196_6045.N1	23-AUG-2005 06:17:14	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	18196	No
66	GOM_NL__2PRFIN20050823_062404_000000542040_00106_18196_6046.N1	23-AUG-2005 06:24:04	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	18196	No
67	GOM_NL__2PRFIN20050823_063417_000000432040_00106_18196_6047.N1	23-AUG-2005 06:34:17	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18196	No
68	GOM_NL__2PRFIN20050823_063722_000000392040_00106_18196_6048.N1	23-AUG-2005 06:37:22	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	18196	No
69	GOM_NL__2PRFIN20050823_065622_000000682040_00106_18196_6049.N1	23-AUG-2005 06:56:22	Bright	68.000	74	11Bet Cas	2.2680	6600.0	136	18196	No
70	GOM_NL__2PRFIN20050823_065835_000000212040_00106_18196_6050.N1	23-AUG-2005 06:58:35	Tw_i_and_stray	20.500	76	27Gam Cas	2.3000	30000.	41	18196	No
71	GOM_NL__2PRFIN20050823_071215_000000502040_00106_18196_6051.N1	23-AUG-2005 07:12:15	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18196	No
72	GOM_NL__2PRFIN20050823_071527_000000422040_00106_18196_6052.N1	23-AUG-2005 07:15:27	Bright	42.000	107	37The Aur	2.6490	11000.	84	18196	No
73	GOM_NL__2PRFIN20050823_071848_000000392040_00106_18196_6053.N1	23-AUG-2005 07:18:48	Tw_i_and_stray	39.000	28	12Bet Tau	1.6500	15200.	78	18196	No
74	GOM_NL__2PRFIN20050823_072124_000000472040_00106_18196_6054.N1	23-AUG-2005 07:21:24	Tw_i_and_stray	46.500	176	23Zet Tau	3.0200	22000.	93	18196	No
75	GOM_NL__2PRFIN20050823_072537_000000452040_00106_18196_6055.N1	23-AUG-2005 07:25:37	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	18196	No
76	GOM_NL__2PRFIN20050823_072712_000000312040_00106_18196_6056.N1	23-AUG-2005 07:27:12	Dark	31.000	27	24Gam Ori	1.6360	26000.	62	18196	No
77	GOM_NL__2PRFIN20050823_072909_000000542040_00106_18196_6057.N1	23-AUG-2005 07:29:09	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18196	No
78	GOM_NL__2PRFIN20050823_073038_000000522040_00106_18196_6058.N1	23-AUG-2005 07:30:38	Dark	51.500	125	44Iot Ori	2.7700	30000.	103	18196	No
79	GOM_NL__2PRFIN20050823_073232_000000672040_00106_18196_6059.N1	23-AUG-2005 07:32:32	Dark	66.500	7	19Bet Ori	0.10000	14000.	133	18196	No
80	GOM_NL__2PRFIN20050823_073508_000000532040_00106_18196_6060.N1	23-AUG-2005 07:35:08	Dark	52.500	139	9Bet Lep	2.8330	5600.0	105	18196	No
81	GOM_NL__2PRFIN20050823_074844_000000552040_00107_18197_6044.N1	23-AUG-2005 07:48:44	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18197	No
82	GOM_NL__2PRFIN20050823_075750_000000512040_00107_18197_6045.N1	23-AUG-2005 07:57:50	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	18197	No
83	GOM_NL__2PRFIN20050823_080440_000000492040_00107_18197_6046.N1	23-AUG-2005 08:04:40	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	18197	No
84	GOM_NL__2PRFIN20050823_081453_000000442040_00107_18197_6047.N1	23-AUG-2005 08:14:53	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18197	No
85	GOM_NL__2PRFIN20050823_081803_000000362040_00107_18197_6048.N1	23-AUG-2005 08:18:03	Bright	36.000	61	8Eps Peg	2.1000	3900.0	72	18197	No
86	GOM_NL__2PRFIN20050823_083657_000000422040_00107_18197_6049.N1	23-AUG-2005 08:36:57	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	18197	No
87	GOM_NL__2PRFIN20050823_083911_000000212040_00107_18197_6050.N1	23-AUG-2005 08:39:11	Tw_i_and_stray	21.000	76	27Gam Cas	2.3000	30000.	42	18197	No
88	GOM_NL__2PRFIN20050823_085250_000000512040_00107_18197_6051.N1	23-AUG-2005 08:52:50	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	18197	No
89	GOM_NL__2PRFIN20050823_085603_000000422040_00107_18197_6052.N1	23-AUG-2005 08:56:03	Bright	42.000	107	37The Aur	2.6490	11000.	84	18197	No
90	GOM_NL__2PRFIN20050823_085925_000000392040_00107_18197_6053.N1	23-AUG-2005 08:59:25	Tw_i_and_stray	39.000	28	12Bet Tau	1.6500	15200.	78	18197	No
91	GOM_NL__2PRFIN20050823_090201_000000462040_00107_18197_6054.N1	23-AUG-2005 09:02:01	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	18197	No
92	GOM_NL__2PRFIN20050823_090613_000000612040_00107_18197_6055.N1	23-AUG-2005 09:06:13	Dark	60.500	14	58Alp Ori	0.87000	3000.0	121	18197	No
93	GOM_NL__2PRFIN20050823_090749_000000312040_00107_18197_6056.N1	23-AUG-2005 09:07:49	Dark	31.000	27	24Gam Ori	1.6360	26000.	62	18197	No
94	GOM_NL__2PRFIN20050823_090946_000000532040_00107_18197_6057.N1	23-AUG-2005 09:09:46	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	18197	No
95	GOM_NL__2PRFIN20050823_091115_000000492040_00107_18197_6058.N1	23-AUG-2005 09:11:15	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	18197	No
96	GOM_NL__2PRFIN20050823_091309_000000662040_00107_18197_6059.N1	23-AUG-2005 09:13:09	Dark	65.500	7	19Bet Ori	0.10000	14000.	131	18197	No
97	GOM_NL__2PRFIN20050823_091545_000000512040_00107_18197_6060.N1	23-AUG-2005 09:15:45	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18197	No
98	GOM_NL__2PRFIN20050823_092921_000000532040_00108_18198_6044.N1	23-AUG-2005 09:29:21	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18198	No
99	GOM_NL__2PRFIN20050823_093827_000000532040_00108_18198_6045.N1	23-AUG-2005 09:38:27	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	18198	No
100	GOM_NL__2PRFIN20050823_094517_000000562040_00108_18198_6046.N1	23-AUG-2005 09:45:17	Straylight	55.500	18	24Alp PsA	1.1660	9700.0	111	18198	No
101	GOM_NL__2PRFIN20050823_095529_000000432040_00108_18198_6047.N1	23-AUG-2005 09:55:29	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18198	No

102	GOM_NL__2PRFIN20050823_095843_000000332040_00108_18198_6048.N1	23-AUG-2005 09:58:43	Dark	32.500	61	8Eps Peg	2.1000	3900.0	65	18198	Yes
103	GOM_NL__2PRFIN20050823_101732_000000432040_00108_18198_6049.N1	23-AUG-2005 10:17:32	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	18198	No
104	GOM_NL__2PRFIN20050823_101946_000000232040_00108_18198_6050.N1	23-AUG-2005 10:19:46	Twilight	23.000	76	27Gam Cas	2.3000	30000.	46	18198	No
105	GOM_NL__2PRFIN20050823_103326_000000502040_00108_18198_6051.N1	23-AUG-2005 10:33:26	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18198	No
106	GOM_NL__2PRFIN20050823_103639_000000482040_00108_18198_6052.N1	23-AUG-2005 10:36:39	Bright	48.000	107	37The Aur	2.6490	11000.	96	18198	No
107	GOM_NL__2PRFIN20050823_104001_000000312040_00108_18198_6053.N1	23-AUG-2005 10:40:01	Twilight	31.000	28	12Bet Tau	1.6500	15200.	62	18198	No
108	GOM_NL__2PRFIN20050823_104650_000000572040_00108_18198_6054.N1	23-AUG-2005 10:46:50	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	18198	No
109	GOM_NL__2PRFIN20050823_104825_000000222040_00108_18198_6055.N1	23-AUG-2005 10:48:25	Dark	22.000	27	24Gam Ori	1.6360	26000.	44	18198	No
110	GOM_NL__2PRFIN20050823_105023_000000542040_00108_18198_6056.N1	23-AUG-2005 10:50:23	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18198	No
111	GOM_NL__2PRFIN20050823_105152_000000502040_00108_18198_6057.N1	23-AUG-2005 10:51:52	Dark	50.000	125	44lot Ori	2.7700	30000.	100	18198	No
112	GOM_NL__2PRFIN20050823_105346_000000702040_00108_18198_6058.N1	23-AUG-2005 10:53:46	Dark	69.500	7	19Bet Ori	0.10000	14000.	139	18198	No
113	GOM_NL__2PRFIN20050823_105621_000000522040_00108_18198_6059.N1	23-AUG-2005 10:56:21	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	18198	No
114	GOM_NL__2PRFIN20050823_110958_000000542040_00109_18199_6064.N1	23-AUG-2005 11:09:58	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18199	No
115	GOM_NL__2PRFIN20050823_111903_000000542040_00109_18199_6065.N1	23-AUG-2005 11:19:03	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	18199	No
116	GOM_NL__2PRFIN20050823_112553_000000552040_00109_18199_6066.N1	23-AUG-2005 11:25:53	Straylight	55.000	18	24Alp PsA	1.1660	9700.0	110	18199	No
117	GOM_NL__2PRFIN20050823_113605_000000432040_00109_18199_6067.N1	23-AUG-2005 11:36:05	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18199	No
118	GOM_NL__2PRFIN20050823_113923_000000252040_00109_18199_6068.N1	23-AUG-2005 11:39:23	Dark	25.000	61	8Eps Peg	2.1000	3900.0	50	18199	Yes
119	GOM_NL__2PRFIN20050823_120021_000000232040_00109_18199_6069.N1	23-AUG-2005 12:00:21	Twilight	23.000	76	27Gam Cas	2.3000	30000.	46	18199	No
120	GOM_NL__2PRFIN20050823_121402_000000522040_00109_18199_6070.N1	23-AUG-2005 12:14:02	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	18199	No
121	GOM_NL__2PRFIN20050823_121715_000000422040_00109_18199_6071.N1	23-AUG-2005 12:17:15	Bright	42.000	107	37The Aur	2.6490	11000.	84	18199	No
122	GOM_NL__2PRFIN20050823_122037_000000312040_00109_18199_6072.N1	23-AUG-2005 12:20:37	Twilight	31.000	28	12Bet Tau	1.6500	15200.	62	18199	No
123	GOM_NL__2PRFIN20050823_122726_000000602040_00109_18199_6073.N1	23-AUG-2005 12:27:26	Dark	59.500	14	58Alp Ori	0.87000	3000.0	119	18199	No
124	GOM_NL__2PRFIN20050823_122902_000000222040_00109_18199_6074.N1	23-AUG-2005 12:29:02	Dark	22.000	27	24Gam Ori	1.6360	26000.	44	18199	No
125	GOM_NL__2PRFIN20050823_123059_000000522040_00109_18199_6075.N1	23-AUG-2005 12:30:59	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	18199	No
126	GOM_NL__2PRFIN20050823_123229_000000492040_00109_18199_6076.N1	23-AUG-2005 12:32:29	Dark	48.500	125	44lot Ori	2.7700	30000.	97	18199	No
127	GOM_NL__2PRFIN20050823_123423_000000622040_00109_18199_6077.N1	23-AUG-2005 12:34:23	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	18199	No
128	GOM_NL__2PRFIN20050823_123658_000000532040_00109_18199_6078.N1	23-AUG-2005 12:36:58	Dark	53.000	139	9Bet Lep	2.8330	5600.0	106	18199	No
129	GOM_NL__2PRFIN20050823_125035_000000542040_00110_18200_6065.N1	23-AUG-2005 12:50:35	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18200	No
130	GOM_NL__2PRFIN20050823_125940_000000532040_00110_18200_6066.N1	23-AUG-2005 12:59:40	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	18200	No
131	GOM_NL__2PRFIN20050823_130629_000000542040_00110_18200_6067.N1	23-AUG-2005 13:06:29	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	18200	No
132	GOM_NL__2PRFIN20050823_131641_000000432040_00110_18200_6068.N1	23-AUG-2005 13:16:41	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18200	No
133	GOM_NL__2PRFIN20050823_132004_000000222040_00110_18200_6069.N1	23-AUG-2005 13:20:04	Dark	22.000	61	8Eps Peg	2.1000	3900.0	44	18200	Yes
134	GOM_NL__2PRFIN20050823_133842_000000552040_00110_18200_6070.N1	23-AUG-2005 13:38:42	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	18200	No
135	GOM_NL__2PRFIN20050823_134056_000000242040_00110_18200_6071.N1	23-AUG-2005 13:40:56	Twilight	24.000	76	27Gam Cas	2.3000	30000.	48	18200	No
136	GOM_NL__2PRFIN20050823_135438_000000512040_00110_18200_6072.N1	23-AUG-2005 13:54:38	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18200	No
137	GOM_NL__2PRFIN20050823_135751_000000432040_00110_18200_6073.N1	23-AUG-2005 13:57:51	Bright	42.500	107	37The Aur	2.6490	11000.	85	18200	No
138	GOM_NL__2PRFIN20050823_140113_000000232040_00110_18200_6074.N1	23-AUG-2005 14:01:13	Twilight	23.000	28	12Bet Tau	1.6500	15200.	46	18200	No
139	GOM_NL__2PRFIN20050823_140802_000000572040_00110_18200_6075.N1	23-AUG-2005 14:08:02	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	18200	No
140	GOM_NL__2PRFIN20050823_140939_000000132040_00110_18200_6076.N1	23-AUG-2005 14:09:39	Dark	13.000	27	24Gam Ori	1.6360	26000.	26	18200	No
141	GOM_NL__2PRFIN20050823_141136_000000542040_00110_18200_6077.N1	23-AUG-2005 14:11:36	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18200	No
142	GOM_NL__2PRFIN20050823_141305_000000522040_00110_18200_6078.N1	23-AUG-2005 14:13:05	Dark	51.500	125	44lot Ori	2.7700	30000.	103	18200	No
143	GOM_NL__2PRFIN20050823_141500_000000652040_00110_18200_6079.N1	23-AUG-2005 14:15:00	Dark	64.500	7	19Bet Ori	0.10000	14000.	129	18200	No
144	GOM_NL__2PRFIN20050823_141735_000000512040_00110_18200_6080.N1	23-AUG-2005 14:17:35	Dark	51.000	139	9Bet Lep	2.8330	5600.0	102	18200	No
145	GOM_NL__2PRFIN20050823_143112_000000532040_00111_18201_6066.N1	23-AUG-2005 14:31:12	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18201	No
146	GOM_NL__2PRFIN20050823_144017_000000552040_00111_18201_6067.N1	23-AUG-2005 14:40:17	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	18201	No
147	GOM_NL__2PRFIN20050823_144705_000000592040_00111_18201_6068.N1	23-AUG-2005 14:47:05	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	18201	No
148	GOM_NL__2PRFIN20050823_145716_000000432040_00111_18201_6069.N1	23-AUG-2005 14:57:16	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18201	No
149	GOM_NL__2PRFIN20050823_150044_000000162040_00111_18201_6070.N1	23-AUG-2005 15:00:44	Dark	16.000	61	8Eps Peg	2.1000	3900.0	32	18201	Yes
150	GOM_NL__2PRFIN20050823_151918_000000442040_00111_18201_6071.N1	23-AUG-2005 15:19:18	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	18201	No
151	GOM_NL__2PRFIN20050823_152131_000000242040_00111_18201_6072.N1	23-AUG-2005 15:21:31	Twilight	24.000	76	27Gam Cas	2.3000	30000.	48	18201	No
152	GOM_NL__2PRFIN20050823_153514_000000542040_00111_18201_6073.N1	23-AUG-2005 15:35:14	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	18201	No
153	GOM_NL__2PRFIN20050823_153827_000000422040_00111_18201_6074.N1	23-AUG-2005 15:38:27	Bright	41.500	107	37The Aur	2.6490	11000.	83	18201	No
154	GOM_NL__2PRFIN20050823_154149_000000232040_00111_18201_6075.N1	23-AUG-2005 15:41:49	Twilight	23.000	28	12Bet Tau	1.6500	15200.	46	18201	No
155	GOM_NL__2PRFIN20050823_154839_000000662040_00111_18201_6076.N1	23-AUG-2005 15:48:39	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	18201	No
156	GOM_NL__2PRFIN20050823_155016_000000132040_00111_18201_6077.N1	23-AUG-2005 15:50:16	Dark	13.000	27	24Gam Ori	1.6360	26000.	26	18201	No
157	GOM_NL__2PRFIN20050823_155213_000000542040_00111_18201_6078.N1	23-AUG-2005 15:52:13	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18201	No
158	GOM_NL__2PRFIN20050823_155342_000000492040_00111_18201_6079.N1	23-AUG-2005 15:53:42	Dark	48.500	125	44lot Ori	2.7700	30000.	97	18201	No
159	GOM_NL__2PRFIN20050823_155537_000000612040_00111_18201_6080.N1	23-AUG-2005 15:55:37	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	18201	No
160	GOM_NL__2PRFIN20050823_155812_000000502040_00111_18201_6081.N1	23-AUG-2005 15:58:12	Dark	49.500	139	9Bet Lep	2.8330	5600.0	99	18201	No

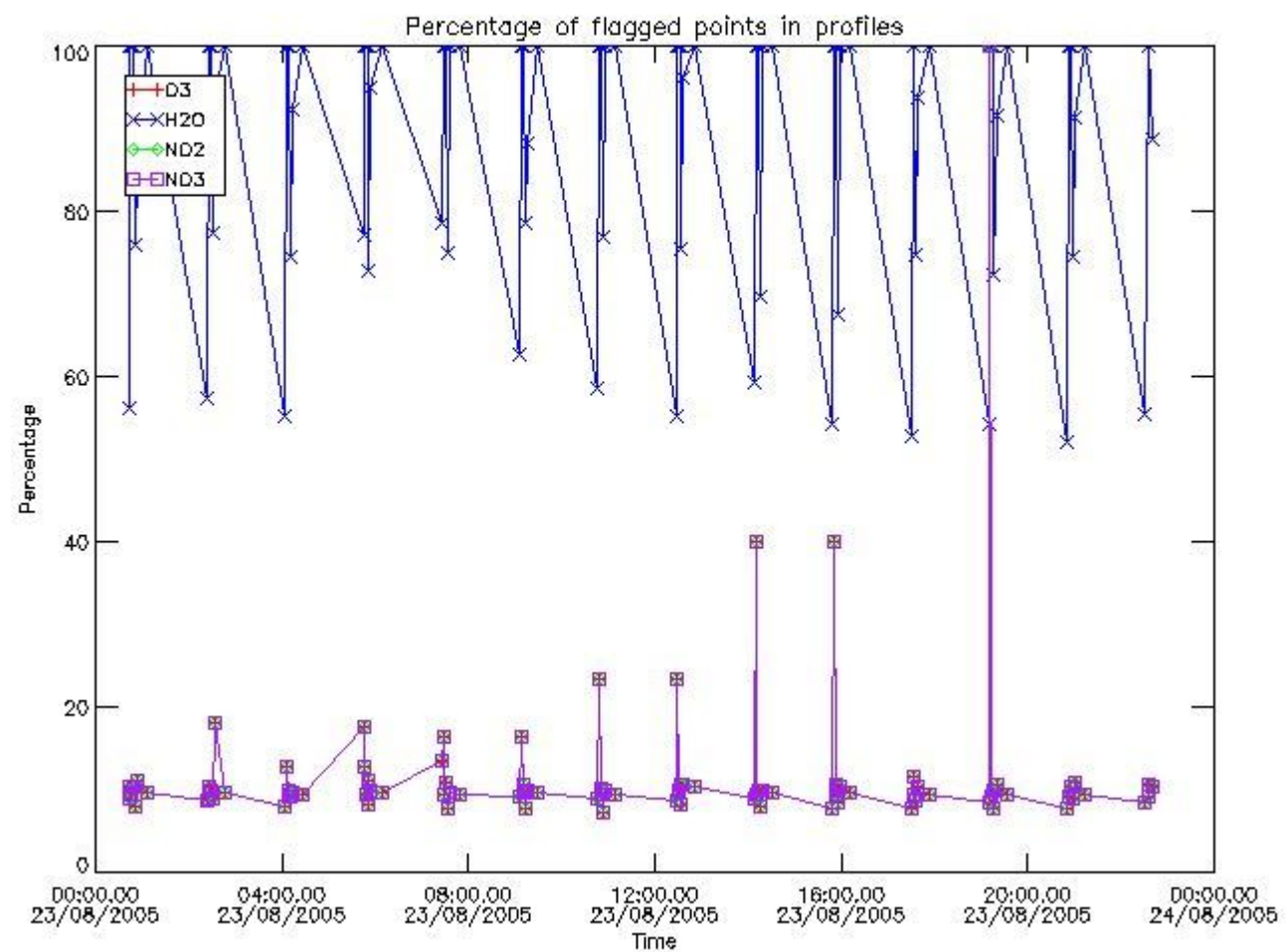
161	GOM_NL__2PRFIN20050823_161150_000000532040_00112_18202_6068.N1	23-AUG-2005 16:11:50	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18202	No
162	GOM_NL__2PRFIN20050823_162053_000000602040_00112_18202_6069.N1	23-AUG-2005 16:20:53	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	18202	No
163	GOM_NL__2PRFIN20050823_162742_000000512040_00112_18202_6070.N1	23-AUG-2005 16:27:42	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	18202	No
164	GOM_NL__2PRFIN20050823_163752_000000442040_00112_18202_6071.N1	23-AUG-2005 16:37:52	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18202	No
165	GOM_NL__2PRFIN20050823_164125_000000132040_00112_18202_6072.N1	23-AUG-2005 16:41:25	Dark	12.500	61	8Eps Peg	2.1000	3900.0	25	18202	Yes
166	GOM_NL__2PRFIN20050823_165953_000000472040_00112_18202_6073.N1	23-AUG-2005 16:59:53	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18202	No
167	GOM_NL__2PRFIN20050823_170207_000000262040_00112_18202_6074.N1	23-AUG-2005 17:02:07	Tw_i_and_stray	26.000	76	27Gam Cas	2.3000	30000.	52	18202	No
168	GOM_NL__2PRFIN20050823_171549_000000502040_00112_18202_6075.N1	23-AUG-2005 17:15:49	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	18202	No
169	GOM_NL__2PRFIN20050823_171903_000000412040_00112_18202_6076.N1	23-AUG-2005 17:19:03	Bright	41.000	107	37The Aur	2.6490	11000.	82	18202	No
170	GOM_NL__2PRFIN20050823_172225_000000142040_00112_18202_6077.N1	23-AUG-2005 17:22:25	Tw_i_and_stray	14.000	28	12Bet Tau	1.6500	15200.	28	18202	No
171	GOM_NL__2PRFIN20050823_172410_000000212040_00112_18202_6078.N1	23-AUG-2005 17:24:10	Dark	21.000	151	13Mu Gem	2.8900	3000.0	42	18202	Yes
172	GOM_NL__2PRFIN20050823_172916_000000662040_00112_18202_6079.N1	23-AUG-2005 17:29:16	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	18202	No
173	GOM_NL__2PRFIN20050823_173250_000000552040_00112_18202_6080.N1	23-AUG-2005 17:32:50	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18202	No
174	GOM_NL__2PRFIN20050823_173419_000000492040_00112_18202_6081.N1	23-AUG-2005 17:34:19	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	18202	No
175	GOM_NL__2PRFIN20050823_173614_000000602040_00112_18202_6082.N1	23-AUG-2005 17:36:14	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	18202	No
176	GOM_NL__2PRFIN20050823_173849_000000492040_00112_18202_6083.N1	23-AUG-2005 17:38:49	Dark	49.000	139	9Bet Lep	2.8330	5600.0	98	18202	No
177	GOM_NL__2PRFIN20050823_175227_000000552040_00113_18203_6068.N1	23-AUG-2005 17:52:27	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18203	No
178	GOM_NL__2PRFIN20050823_180130_000000472040_00113_18203_6069.N1	23-AUG-2005 18:01:30	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	18203	No
179	GOM_NL__2PRFIN20050823_180818_000000542040_00113_18203_6070.N1	23-AUG-2005 18:08:18	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	18203	No
180	GOM_NL__2PRFIN20050823_181828_000000432040_00113_18203_6071.N1	23-AUG-2005 18:18:28	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18203	No
181	GOM_NL__2PRFIN20050823_182205_000000072040_00113_18203_6072.N1	23-AUG-2005 18:22:05	Dark	7.0000	61	8Eps Peg	2.1000	3900.0	14	18203	Yes
182	GOM_NL__2PRFIN20050823_184028_000000462040_00113_18203_6073.N1	23-AUG-2005 18:40:28	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18203	No
183	GOM_NL__2PRFIN20050823_184242_000000262040_00113_18203_6074.N1	23-AUG-2005 18:42:42	Tw_i_and_stray	26.000	76	27Gam Cas	2.3000	30000.	52	18203	No
184	GOM_NL__2PRFIN20050823_185625_000000502040_00113_18203_6075.N1	23-AUG-2005 18:56:25	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	18203	No
185	GOM_NL__2PRFIN20050823_185939_000000412040_00113_18203_6076.N1	23-AUG-2005 18:59:39	Bright	41.000	107	37The Aur	2.6490	11000.	82	18203	No
186	GOM_NL__2PRFIN20050823_190301_000000142040_00113_18203_6077.N1	23-AUG-2005 19:03:01	Tw_i_and_stray	14.000	28	12Bet Tau	1.6500	15200.	28	18203	No
187	GOM_NL__2PRFIN20050823_190439_000000302040_00113_18203_6078.N1	23-AUG-2005 19:04:39	Dark	29.500	151	13Mu Gem	2.8900	3000.0	59	18203	Yes
188	GOM_NL__2PRFIN20050823_190952_000000662040_00113_18203_6079.N1	23-AUG-2005 19:09:52	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	18203	No
189	GOM_NL__2PRFIN20050823_191129_000000042040_00113_18203_6080.N1	23-AUG-2005 19:11:29	Dark	4.0000	27	24Gam Ori	1.6360	26000.	8	18203	No
190	GOM_NL__2PRFIN20050823_191326_000000562040_00113_18203_6081.N1	23-AUG-2005 19:13:26	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18203	No
191	GOM_NL__2PRFIN20050823_191456_000000512040_00113_18203_6082.N1	23-AUG-2005 19:14:56	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18203	No
192	GOM_NL__2PRFIN20050823_191651_000000672040_00113_18203_6083.N1	23-AUG-2005 19:16:51	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	18203	No
193	GOM_NL__2PRFIN20050823_191926_000000492040_00113_18203_6084.N1	23-AUG-2005 19:19:26	Dark	48.500	139	9Bet Lep	2.8330	5600.0	97	18203	No
194	GOM_NL__2PRFIN20050823_193304_000000552040_00114_18204_6068.N1	23-AUG-2005 19:33:04	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18204	No
195	GOM_NL__2PRFIN20050823_194207_000000202040_00114_18204_6069.N1	23-AUG-2005 19:42:07	Straylight	19.500	84	Alp Phe	2.3970	4500.0	39	18204	No
196	GOM_NL__2PRFIN20050823_194854_000000552040_00114_18204_6070.N1	23-AUG-2005 19:48:54	Straylight	55.000	18	24Alp PsA	1.1660	9700.0	110	18204	No
197	GOM_NL__2PRFIN20050823_195904_000000432040_00114_18204_6071.N1	23-AUG-2005 19:59:04	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18204	No
198	GOM_NL__2PRFIN20050823_202103_000000442040_00114_18204_6072.N1	23-AUG-2005 20:21:03	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	18204	No
199	GOM_NL__2PRFIN20050823_202317_000000272040_00114_18204_6073.N1	23-AUG-2005 20:23:17	Tw_i_and_stray	27.000	76	27Gam Cas	2.3000	30000.	54	18204	No
200	GOM_NL__2PRFIN20050823_203701_000000522040_00114_18204_6074.N1	23-AUG-2005 20:37:01	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	18204	No
201	GOM_NL__2PRFIN20050823_204015_000000422040_00114_18204_6075.N1	23-AUG-2005 20:40:15	Bright	42.000	107	37The Aur	2.6490	11000.	84	18204	No
202	GOM_NL__2PRFIN20050823_204338_000000052040_00114_18204_6076.N1	23-AUG-2005 20:43:38	Straylight	5.0000	28	12Bet Tau	1.6500	15200.	10	18204	No
203	GOM_NL__2PRFIN20050823_204508_000000342040_00114_18204_6077.N1	23-AUG-2005 20:45:08	Dark	34.000	151	13Mu Gem	2.8900	3000.0	68	18204	Yes
204	GOM_NL__2PRFIN20050823_205029_000000662040_00114_18204_6078.N1	23-AUG-2005 20:50:29	Dark	66.000	14	58Alp Ori	0.87000	3000.0	132	18204	No
205	GOM_NL__2PRFIN20050823_205403_000000562040_00114_18204_6079.N1	23-AUG-2005 20:54:03	Dark	56.000	30	46Eps Ori	1.6940	30000.	112	18204	No
206	GOM_NL__2PRFIN20050823_205533_000000502040_00114_18204_6080.N1	23-AUG-2005 20:55:33	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	18204	No
207	GOM_NL__2PRFIN20050823_205728_000000632040_00114_18204_6081.N1	23-AUG-2005 20:57:28	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	18204	No
208	GOM_NL__2PRFIN20050823_210002_000000472040_00114_18204_6082.N1	23-AUG-2005 21:00:02	Dark	47.000	139	9Bet Lep	2.8330	5600.0	94	18204	No
209	GOM_NL__2PRFIN20050823_211341_000000552040_00115_18205_6068.N1	23-AUG-2005 21:13:41	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18205	No
210	GOM_NL__2PRFIN20050823_212243_000000512040_00115_18205_6069.N1	23-AUG-2005 21:22:43	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	18205	No
211	GOM_NL__2PRFIN20050823_212931_000000582040_00115_18205_6070.N1	23-AUG-2005 21:29:31	Straylight	57.500	18	24Alp PsA	1.1660	9700.0	115	18205	No
212	GOM_NL__2PRFIN20050823_213940_000000432040_00115_18205_6071.N1	23-AUG-2005 21:39:40	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	18205	No
213	GOM_NL__2PRFIN20050823_220139_000000422040_00115_18205_6072.N1	23-AUG-2005 22:01:39	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	18205	No
214	GOM_NL__2PRFIN20050823_220352_000000272040_00115_18205_6073.N1	23-AUG-2005 22:03:52	Tw_i_and_stray	27.000	76	27Gam Cas	2.3000	30000.	54	18205	No
215	GOM_NL__2PRFIN20050823_221737_000000542040_00115_18205_6074.N1	23-AUG-2005 22:17:37	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	18205	No
216	GOM_NL__2PRFIN20050823_222051_000000412040_00115_18205_6075.N1	23-AUG-2005 22:20:51	Bright	40.500	107	37The Aur	2.6490	11000.	81	18205	No
217	GOM_NL__2PRFIN20050823_222414_000000052040_00115_18205_6076.N1	23-AUG-2005 22:24:14	Straylight	5.0000	28	12Bet Tau	1.6500	15200.	10	18205	No
218	GOM_NL__2PRFIN20050823_222538_000000442040_00115_18205_6077.N1	23-AUG-2005 22:25:38	Tw_i_and_stray	43.500	151	13Mu Gem	2.8900	3000.0	87	18205	No
219	GOM_NL__2PRFIN20050823_223105_000000602040_00115_18205_6078.N1	23-AUG-2005 22:31:05	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	18205	No

220	GOM_NL__2PRFIN20050823_223440_000000562040_00115_18205_6079.N1	23-AUG-2005 22: 34: 40	Dark	56.000	30	46Eps Ori	1.6940	30000.	112	18205	No
221	GOM_NL__2PRFIN20050823_223609_000000482040_00115_18205_6080.N1	23-AUG-2005 22: 36: 09	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	18205	No
222	GOM_NL__2PRFIN20050823_224039_000000492040_00115_18205_6081.N1	23-AUG-2005 22: 40: 39	Dark	49.000	139	9Bet Lep	2.8330	5600.0	98	18205	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.

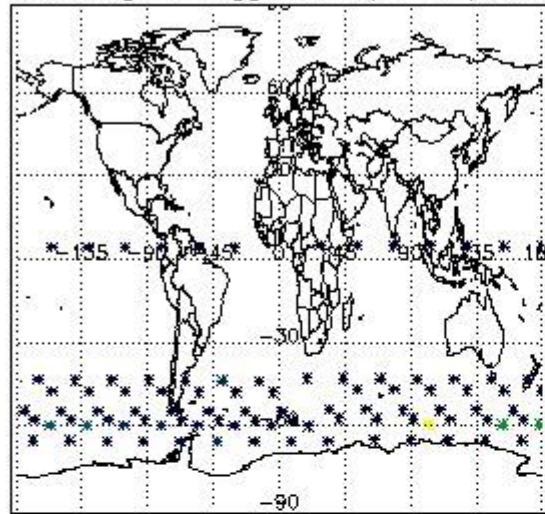
#### 3.1 Plot quality information per product (time dependant)



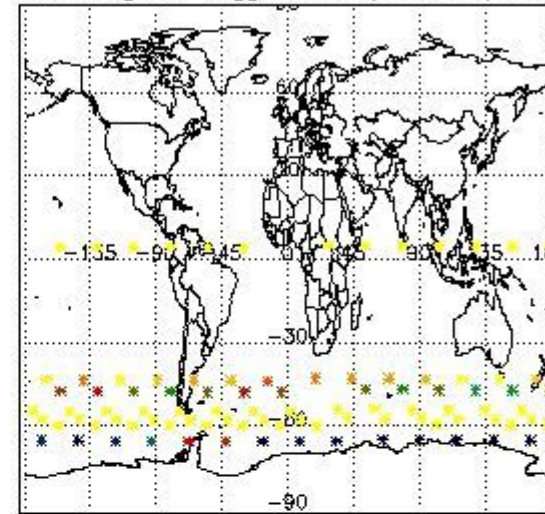
#### 3.2 Plot quality information per product (world map)



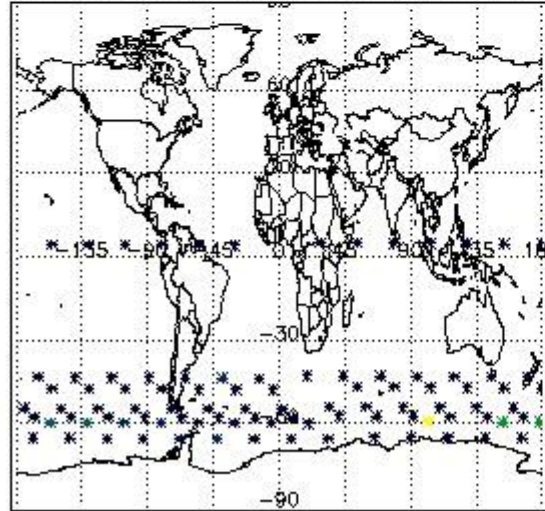
Percentage of flagged data per O3 profile



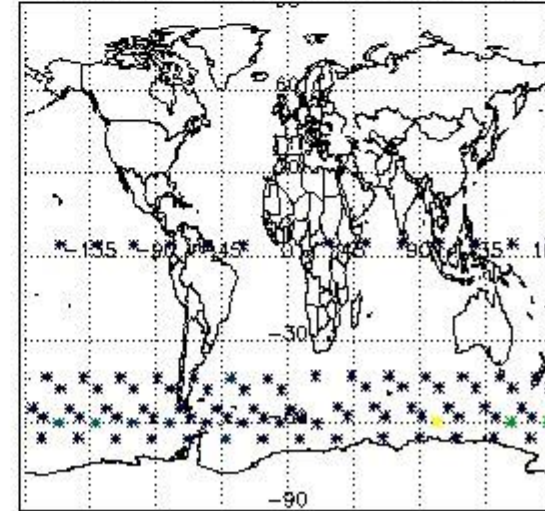
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

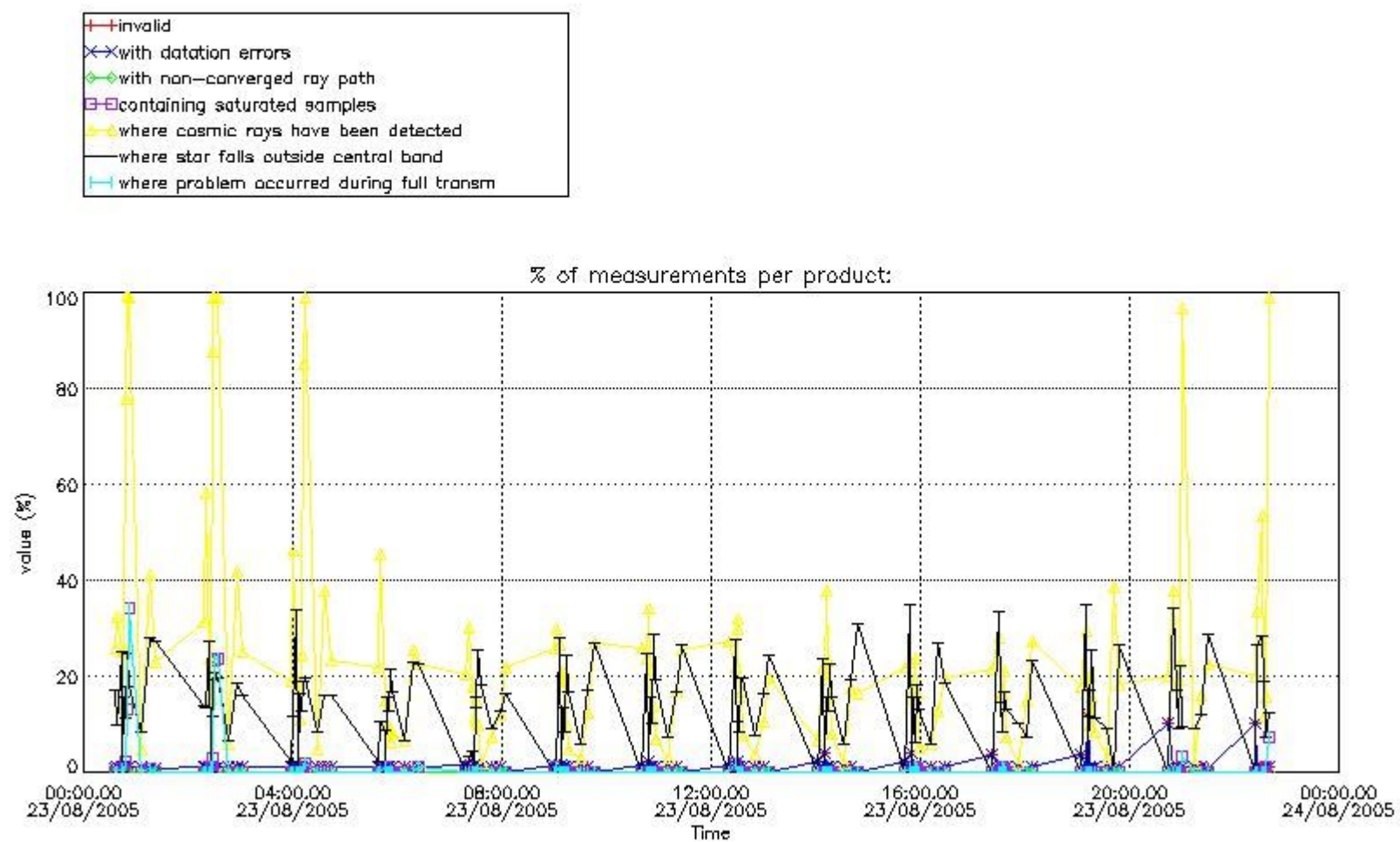


#### 4. Level 1 quality information per product

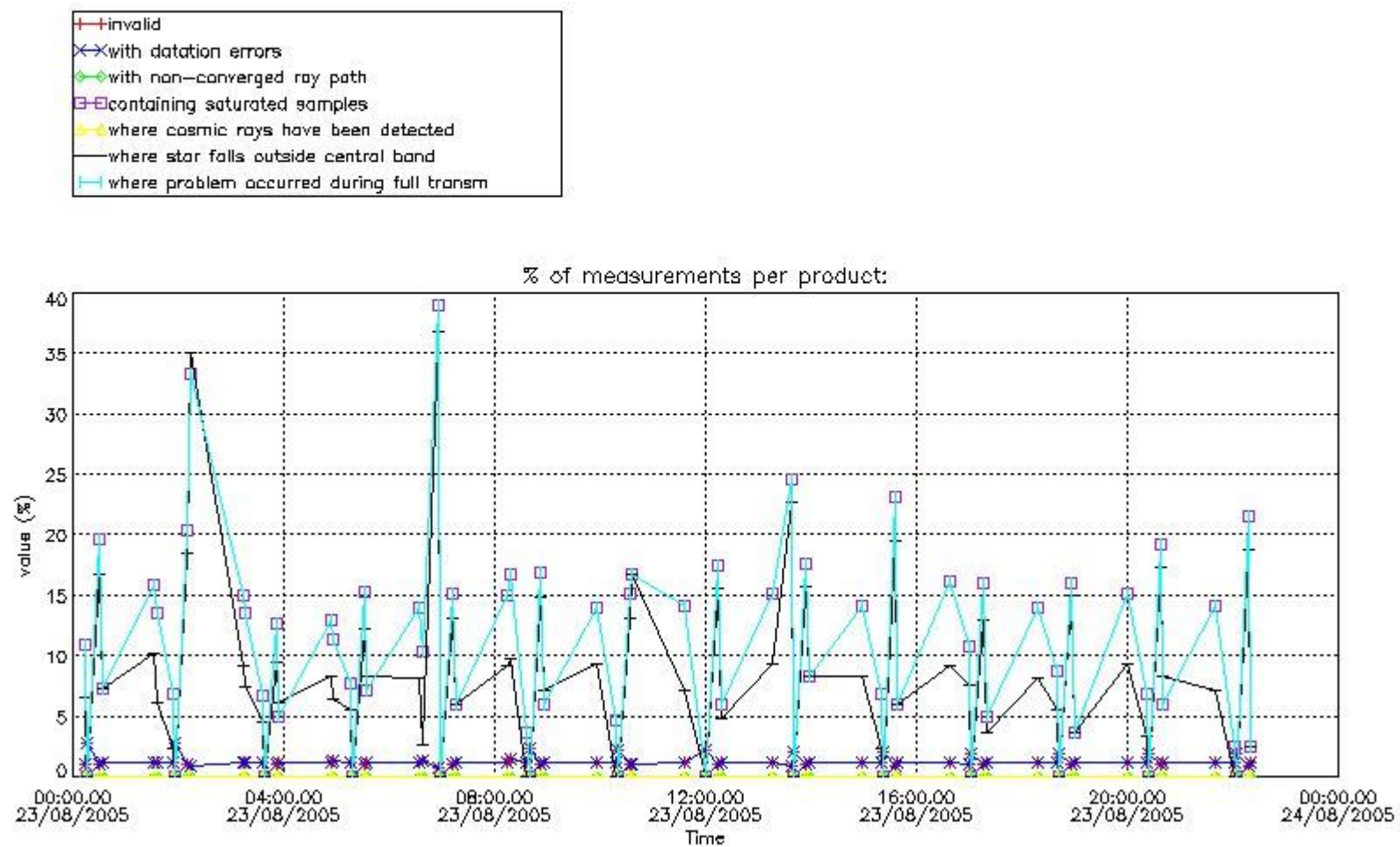
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



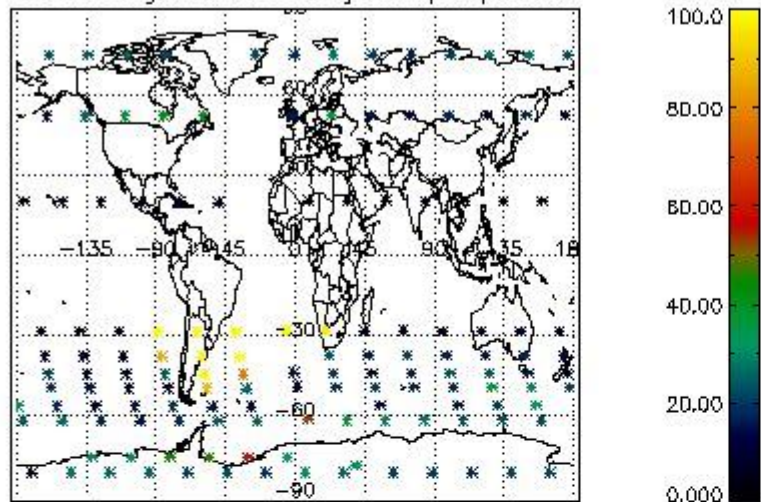
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



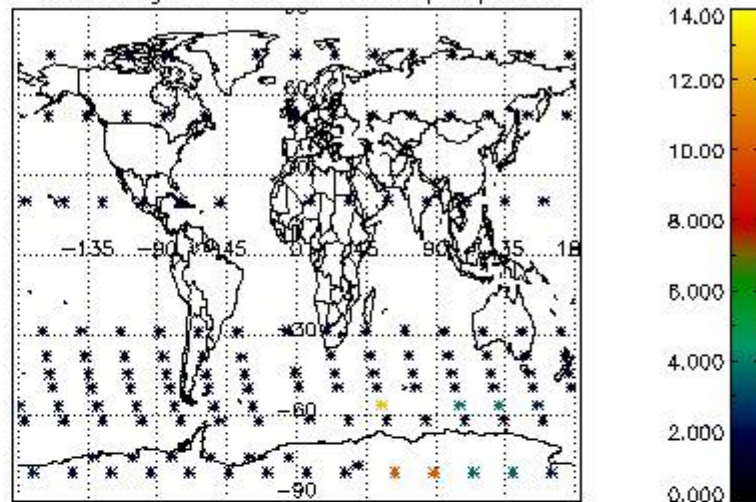
4.2 Plot quality information per product coming from level 1b processing (world map)

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

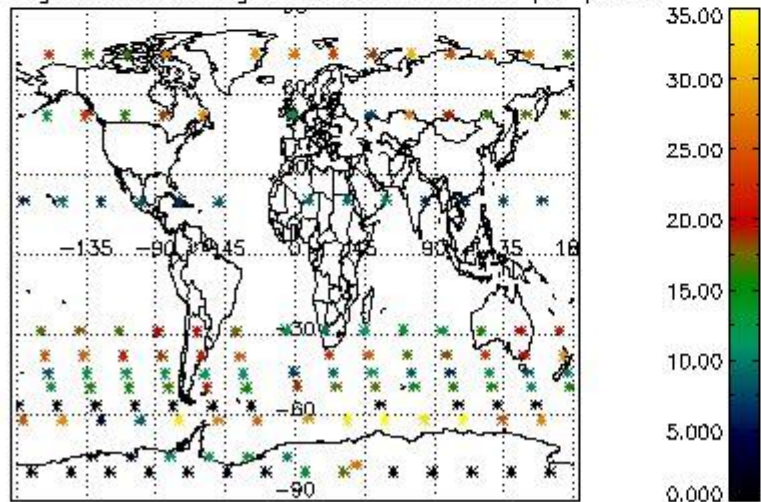
Percentage of cosmic ray hits per profile



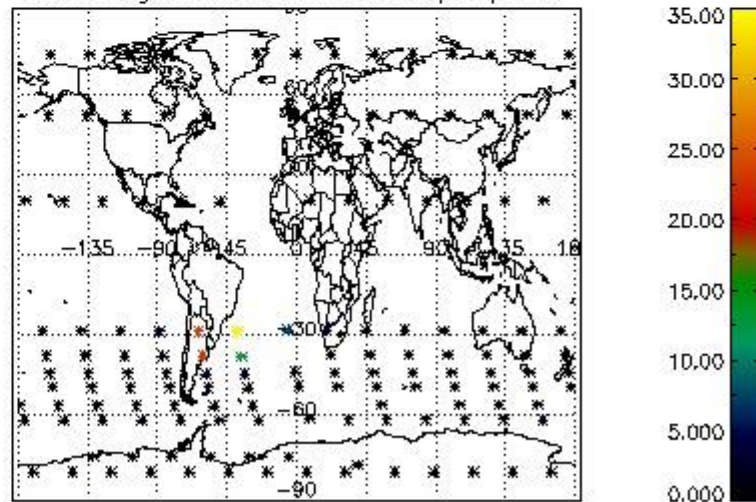
Percentage of datation errors per profile



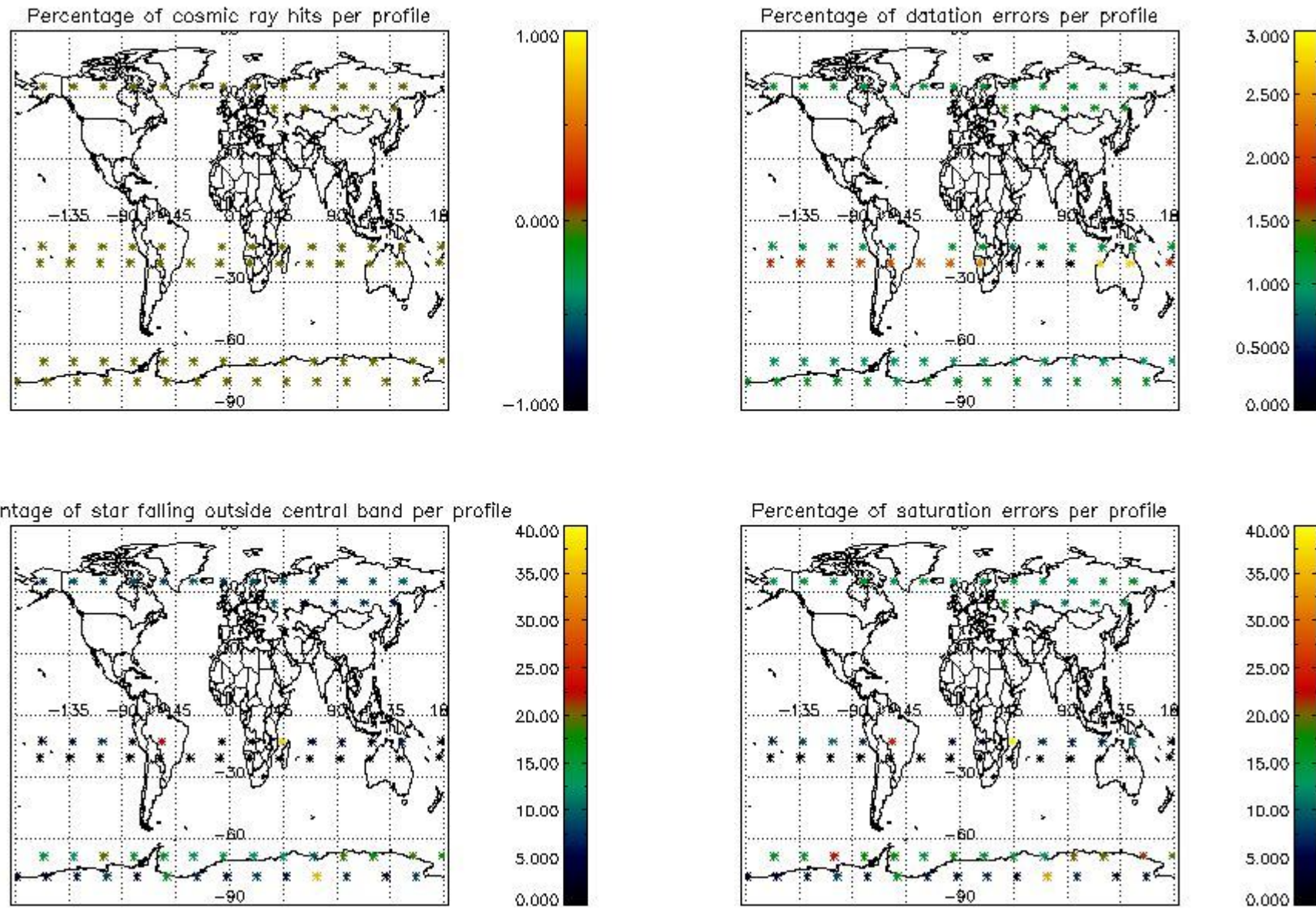
Percentage of star falling outside central band per profile



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

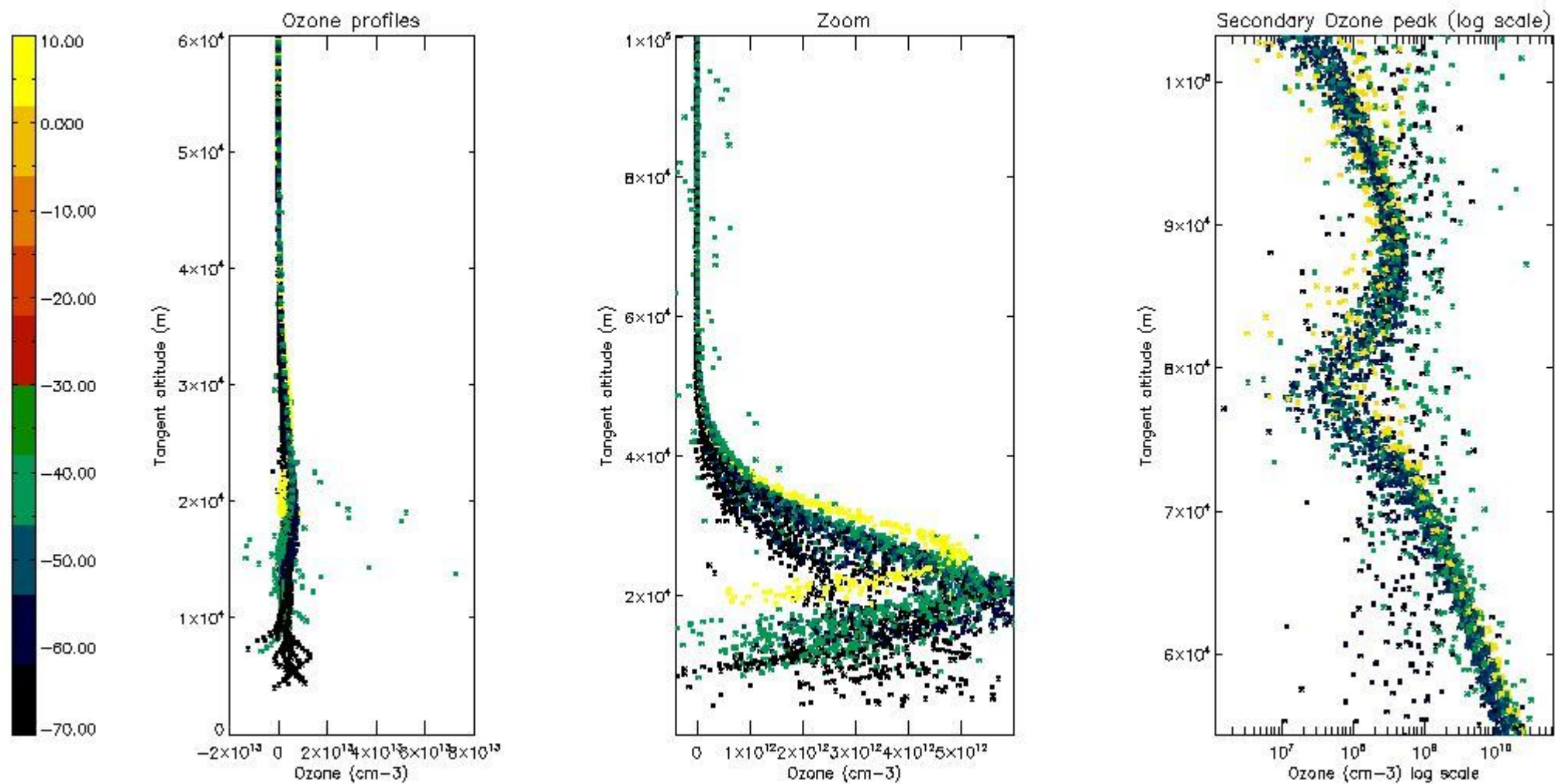
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	28

STD < 10	24
STD < 5	16

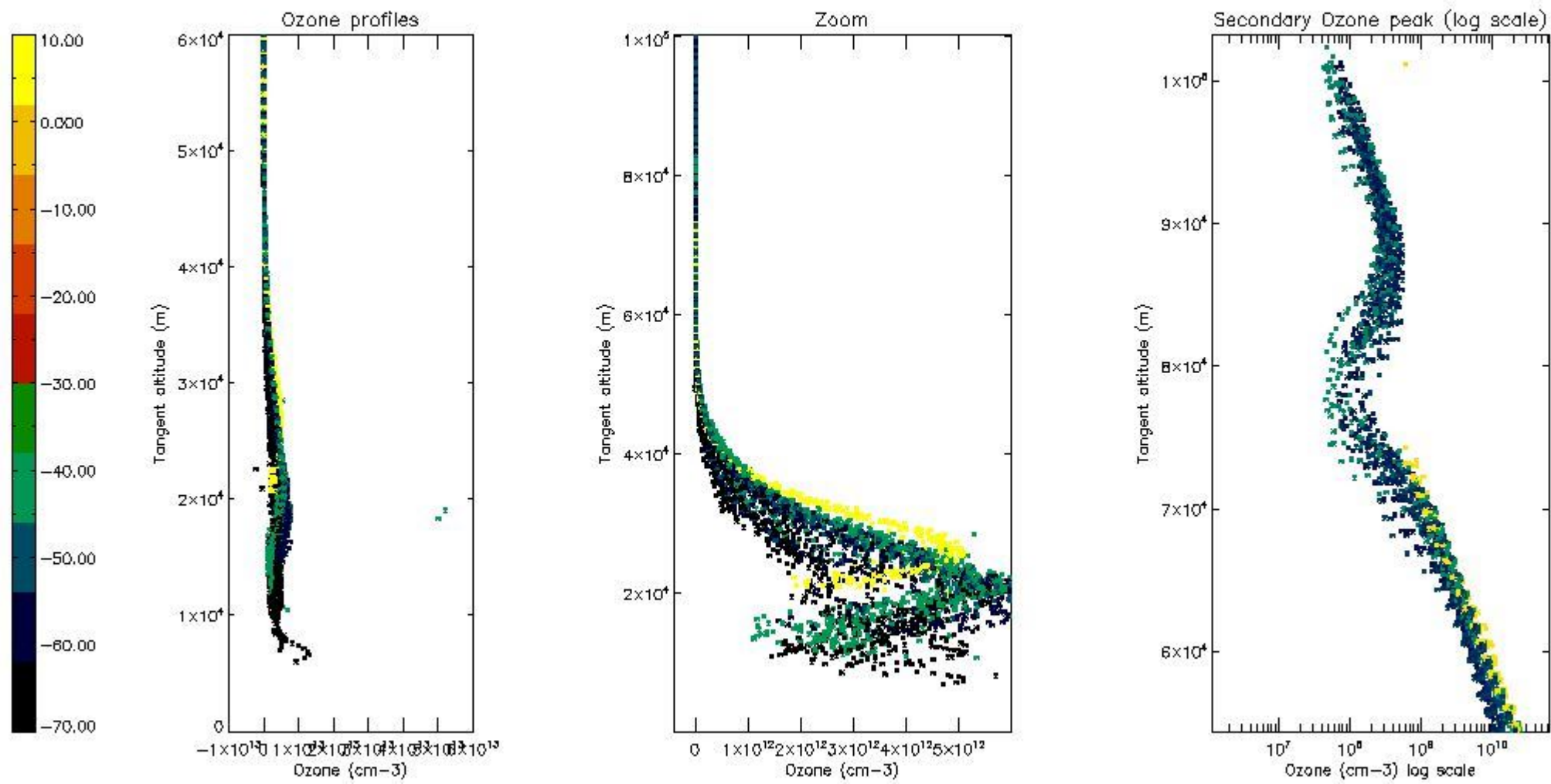
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



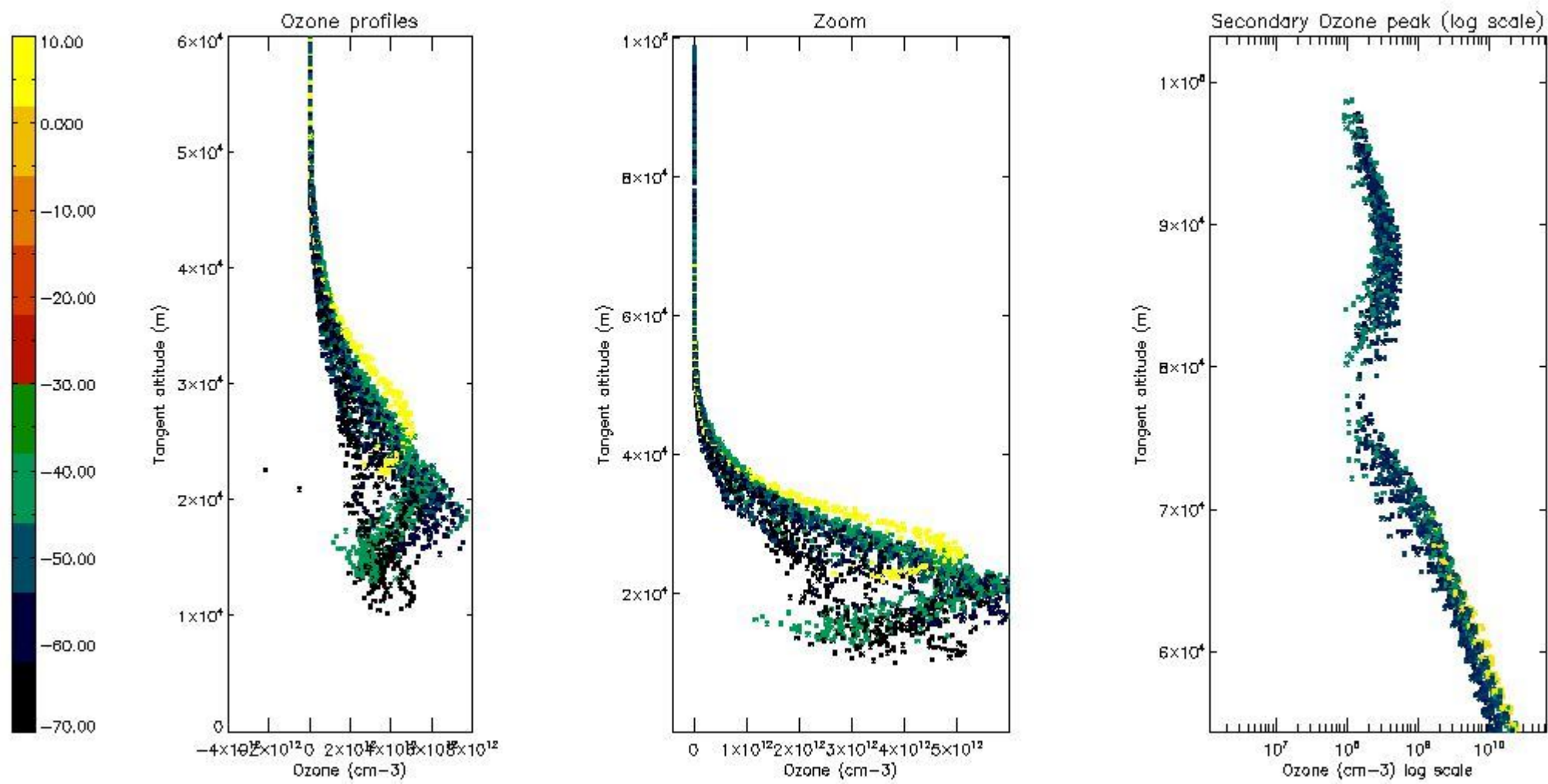
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

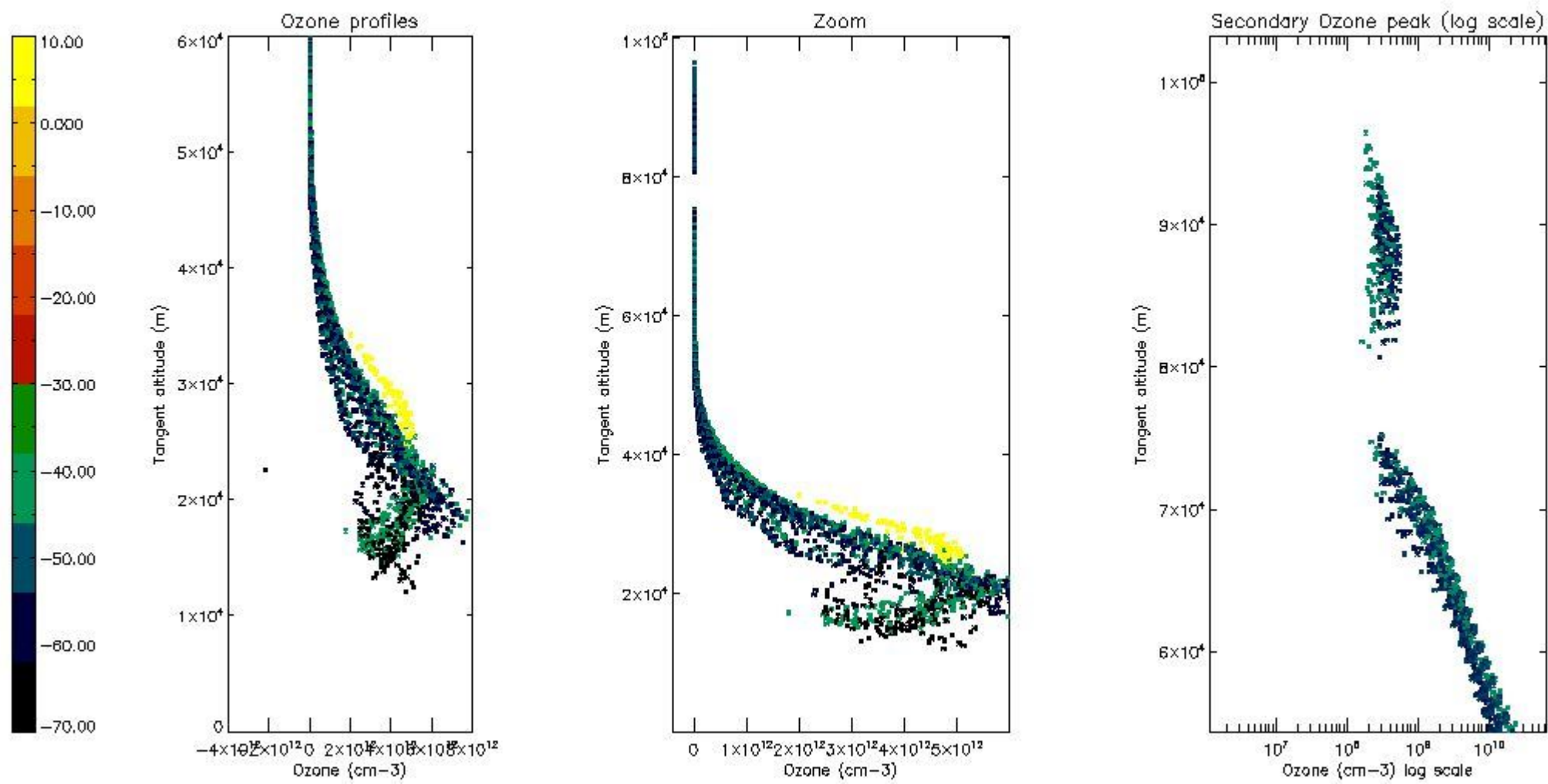
The colorbar represents the latitude.



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

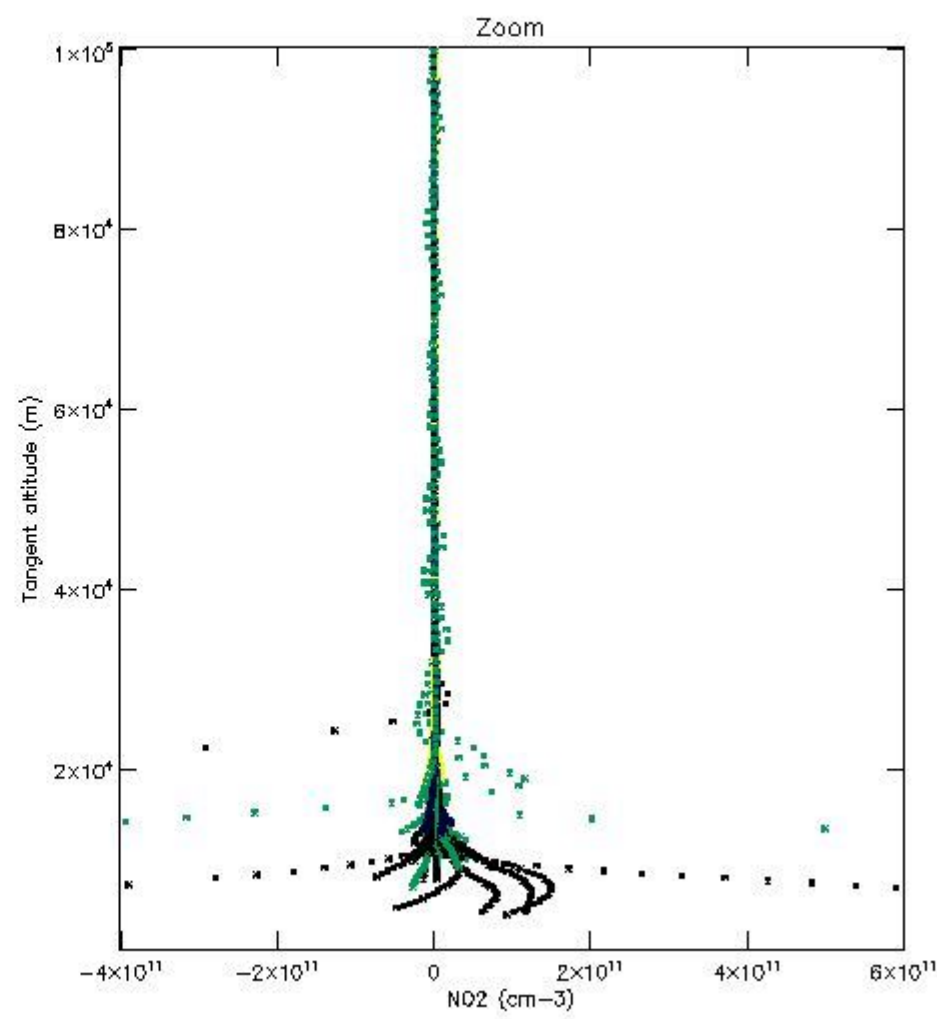
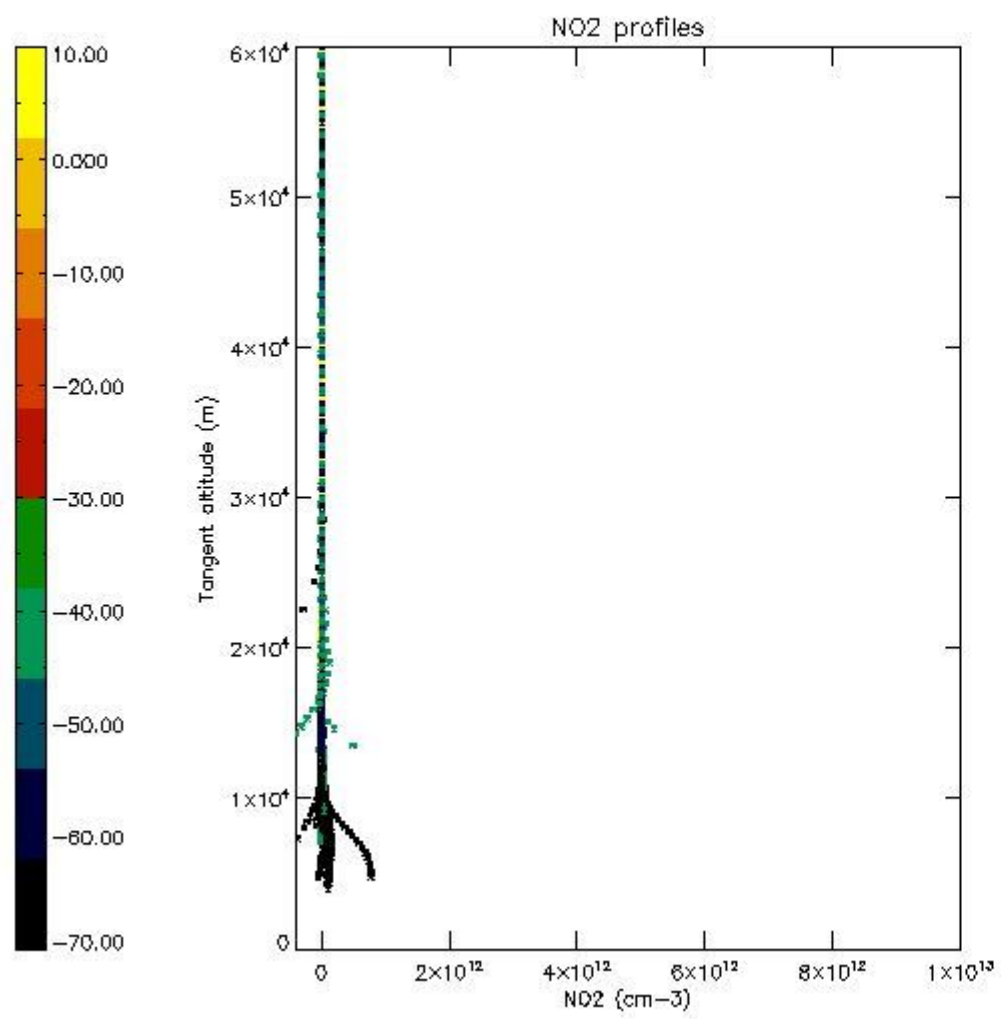
The colorbar represents the latitude.





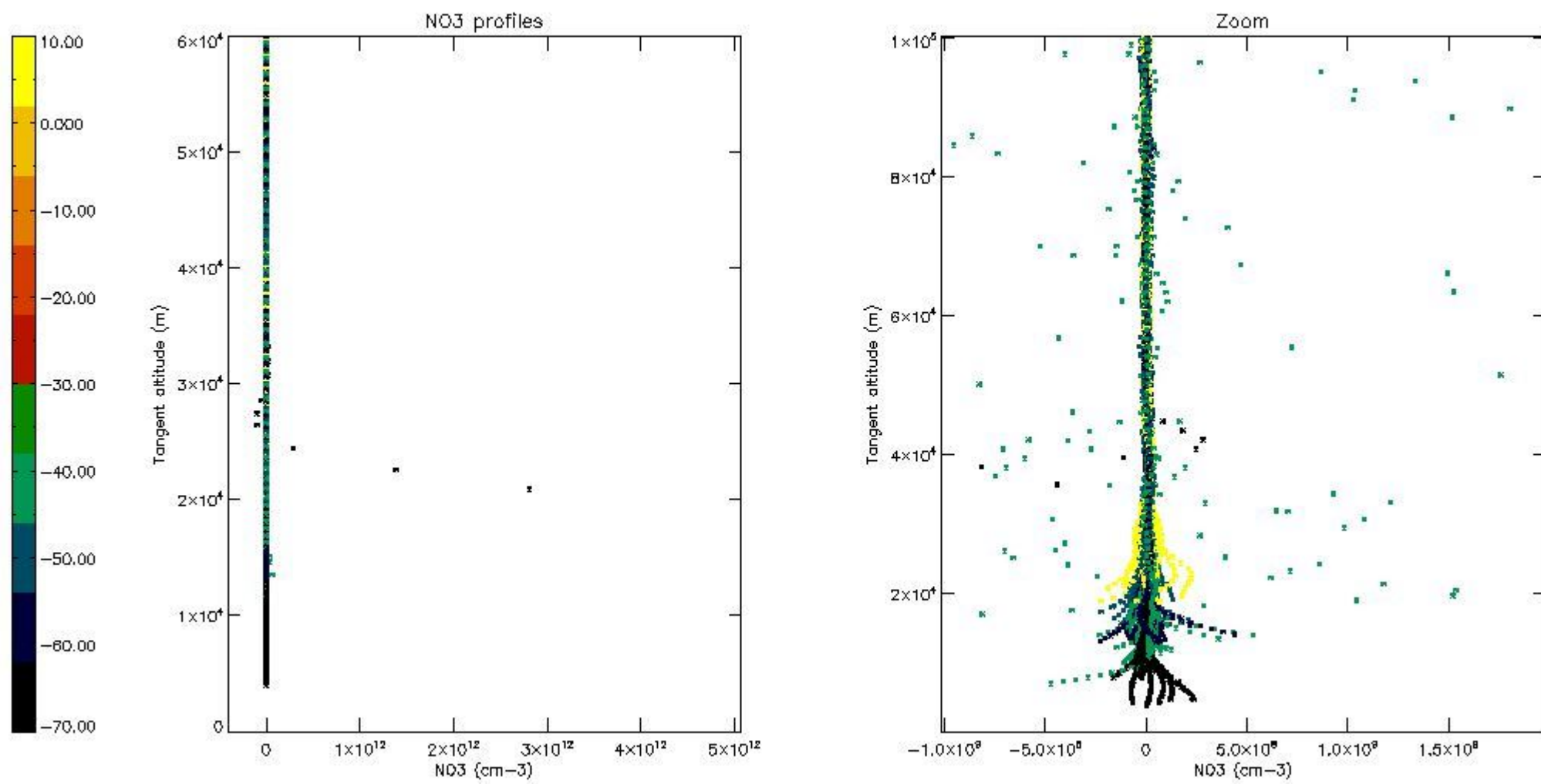
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



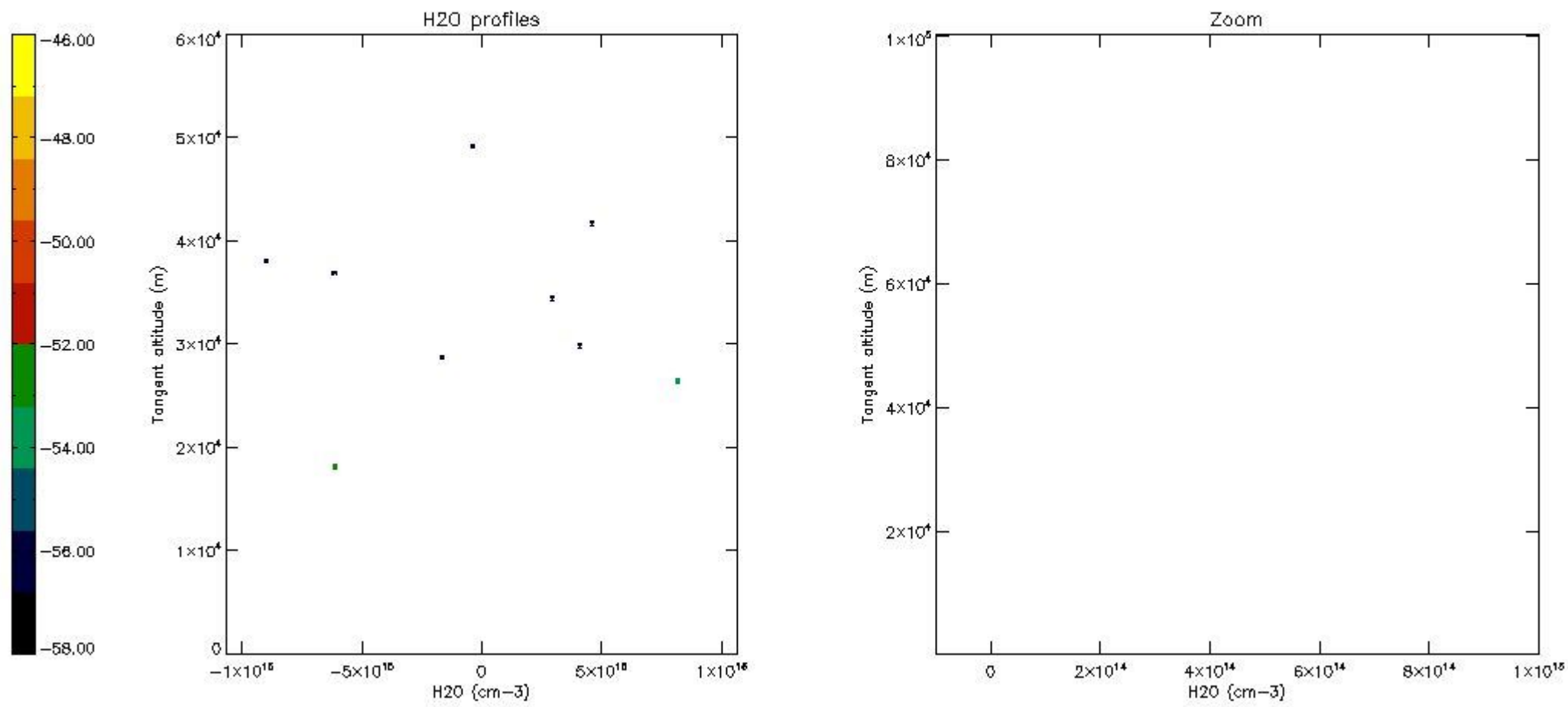
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)*

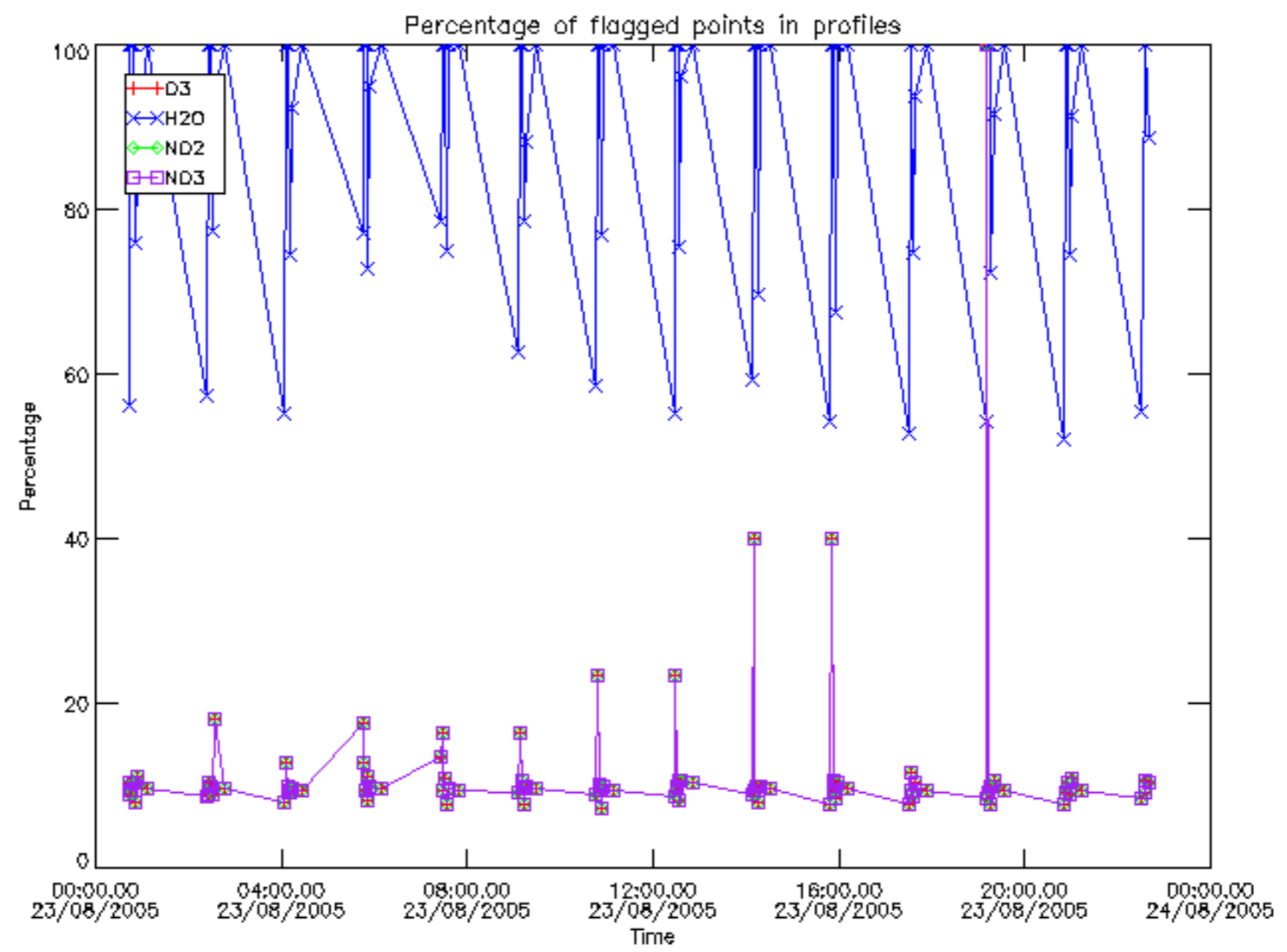
The colorbar represents the latitude.



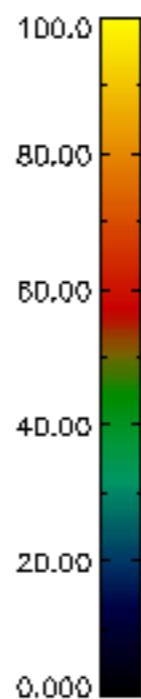
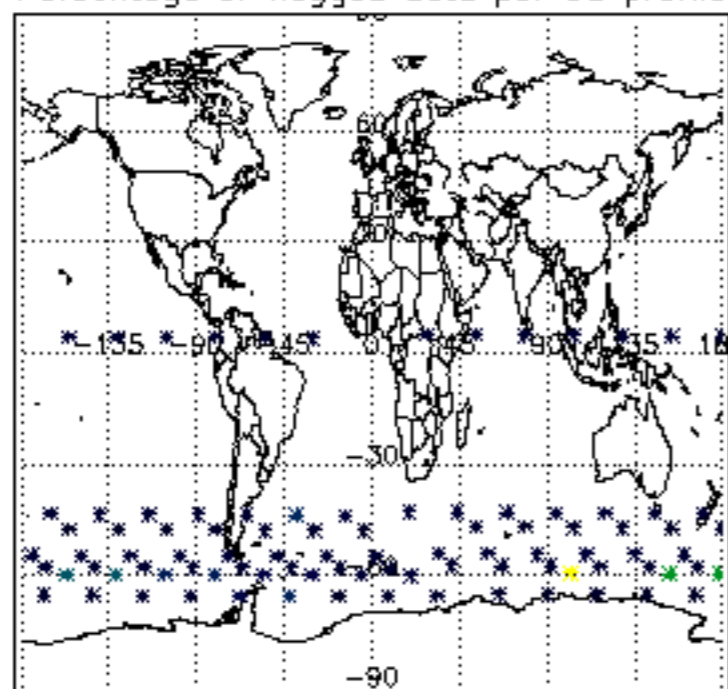
## 6. Auxiliary Data Files used for the production reported in section 2

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.

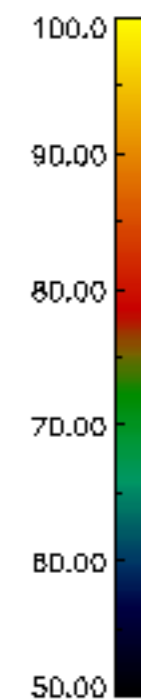
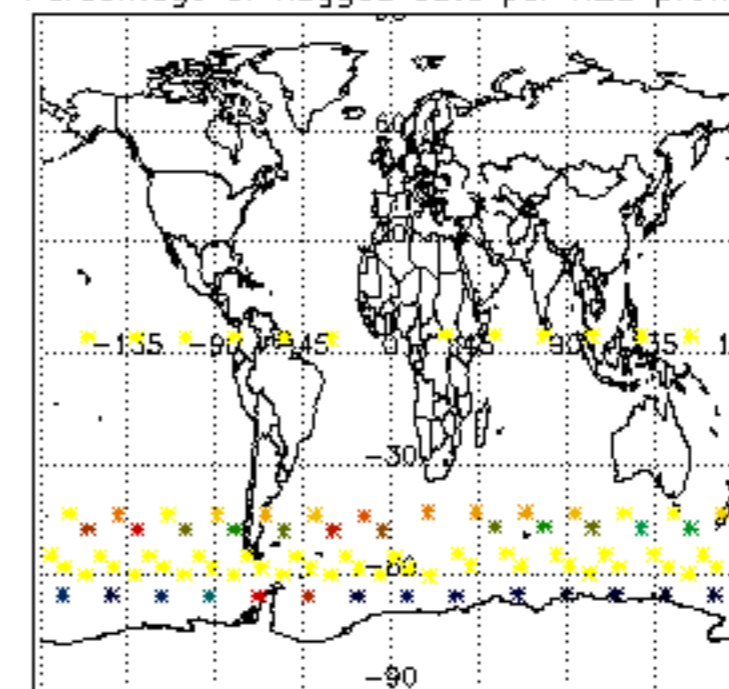
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-AUG-2005 00:14:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-AUG-2005 00:14:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-AUG-2005 00:14:01



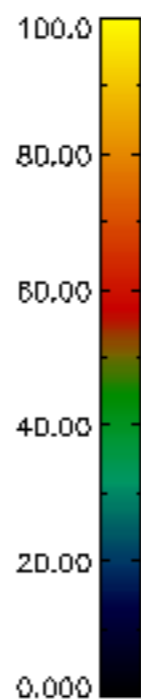
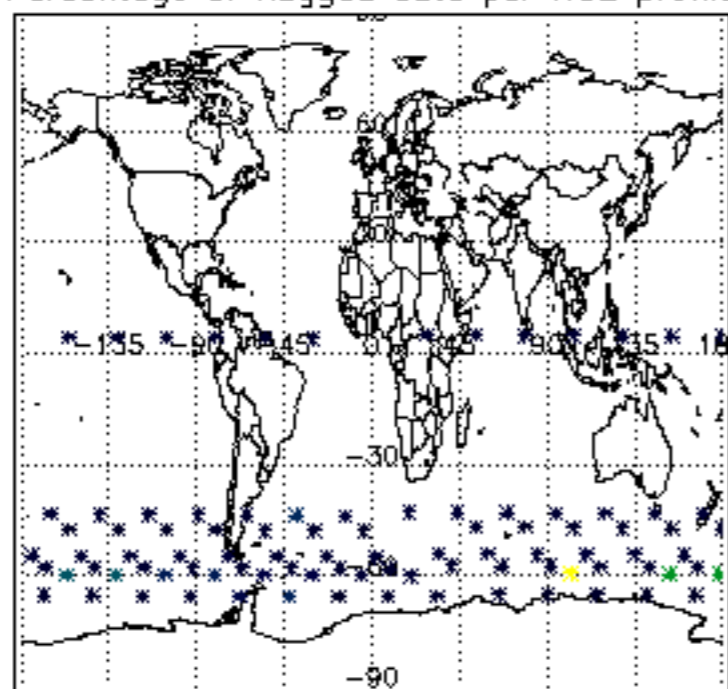
Percentage of flagged data per D3 profile



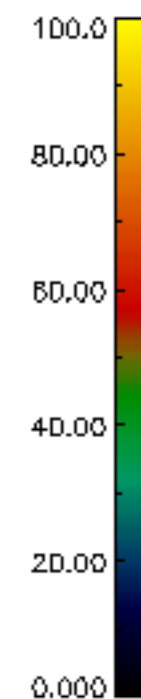
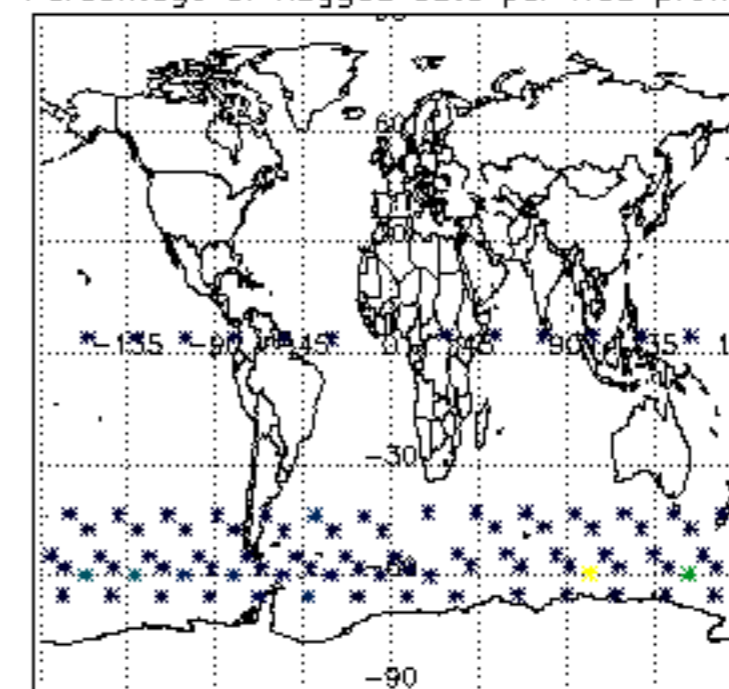
Percentage of flagged data per H2O profile

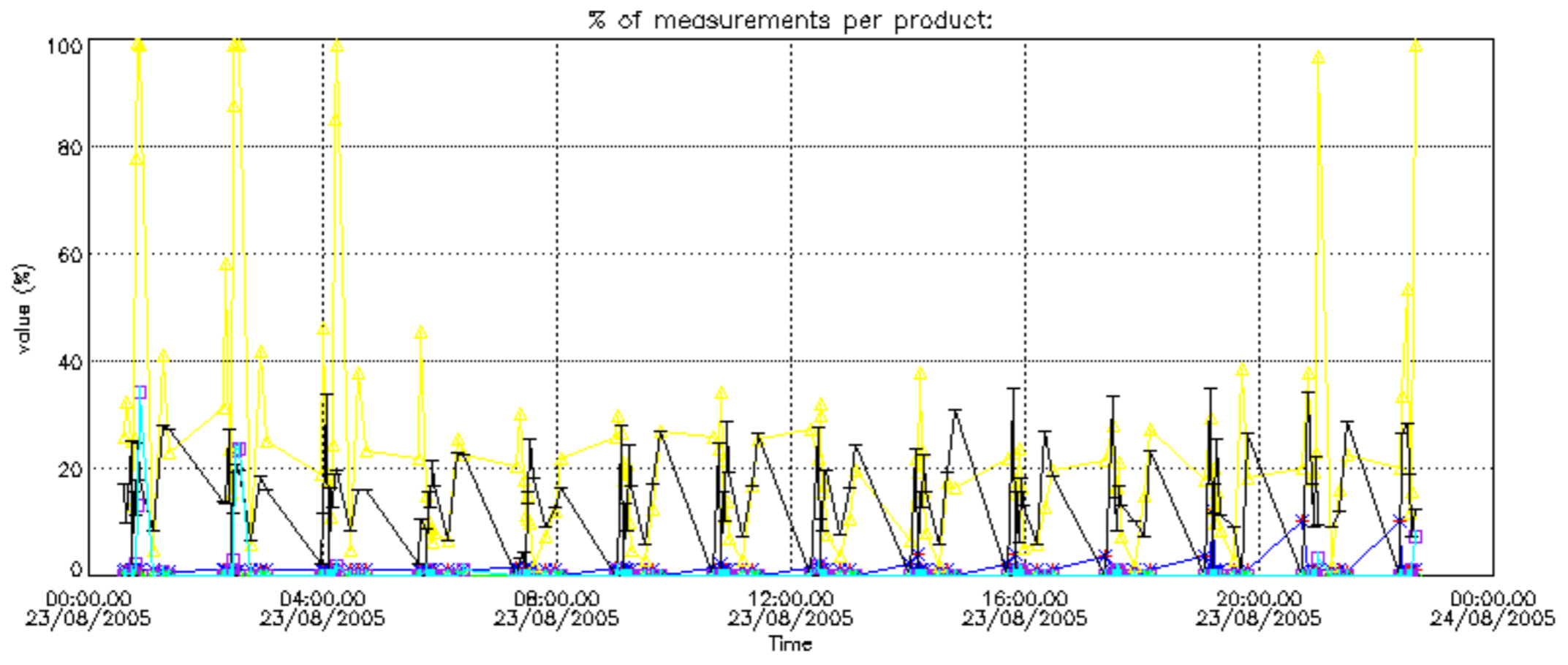


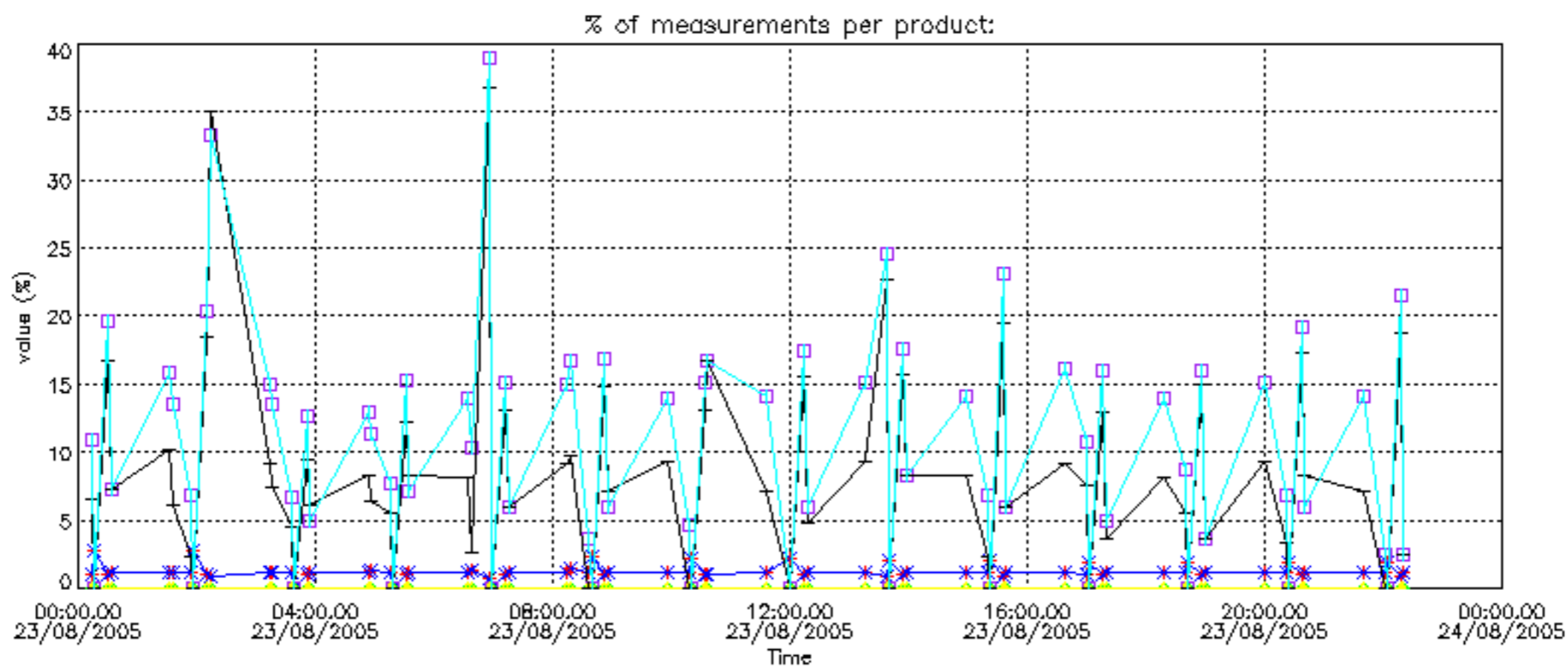
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

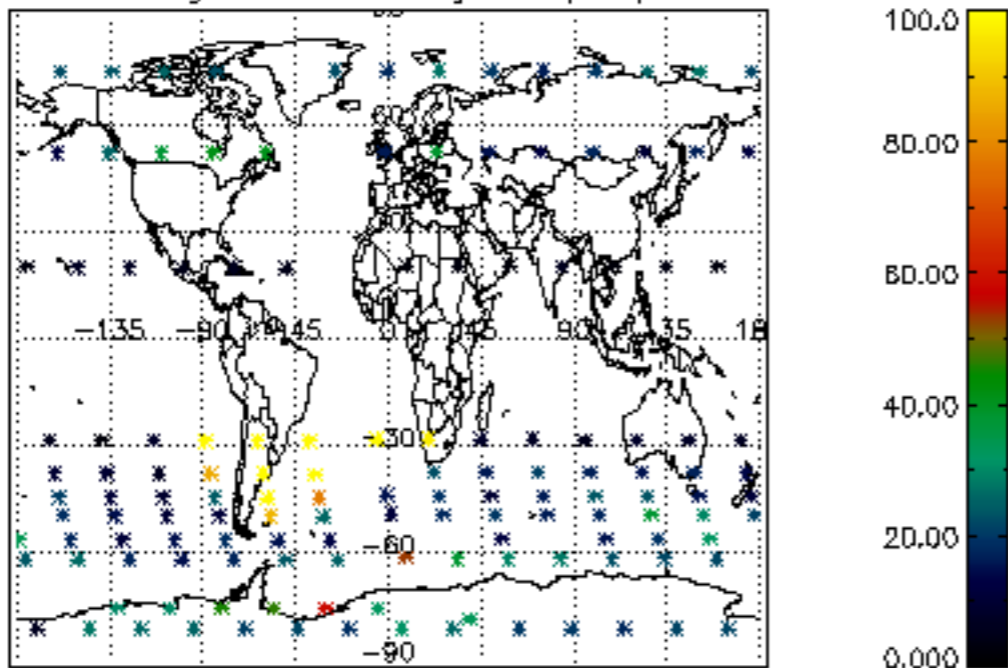




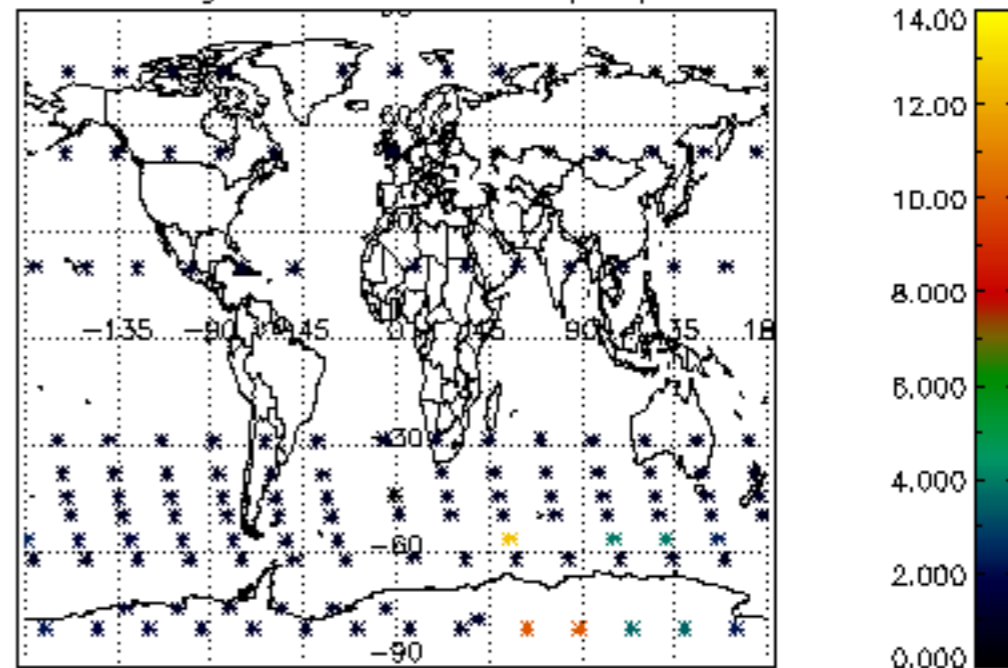




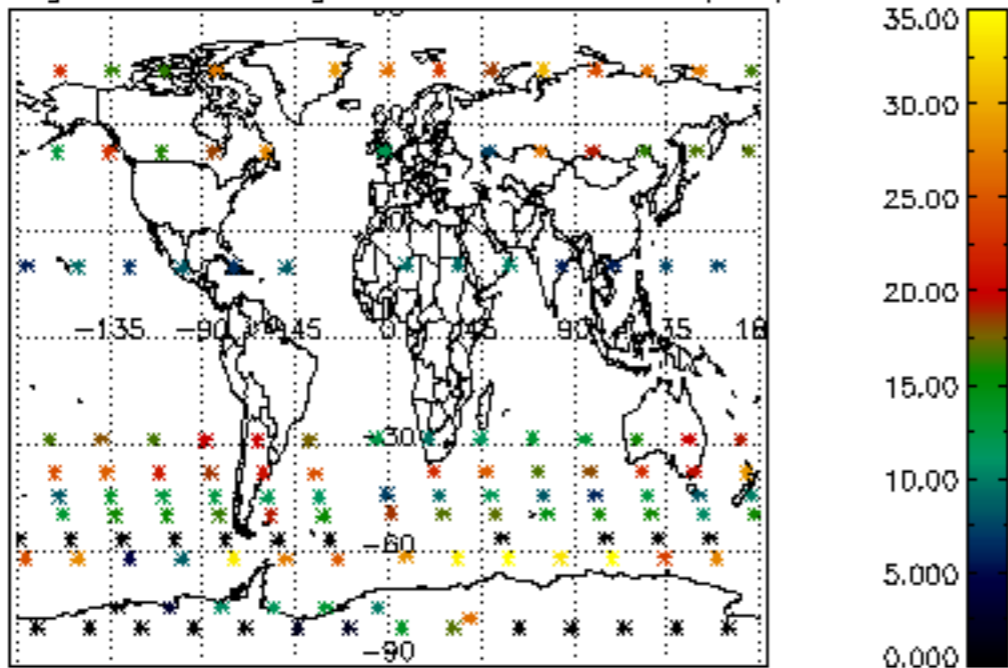
Percentage of cosmic ray hits per profile



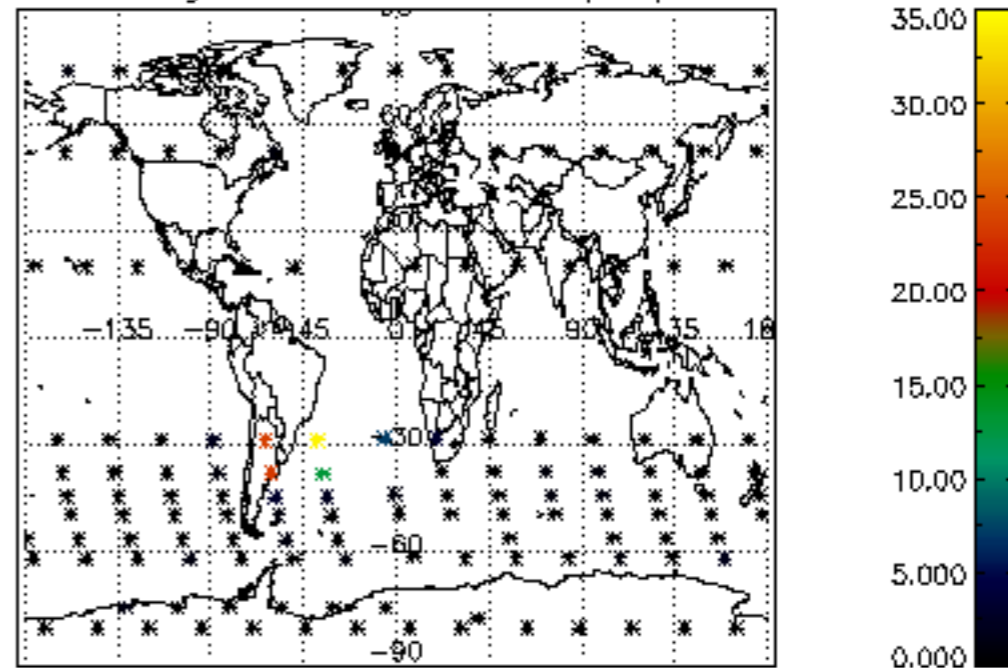
Percentage of datation errors per profile



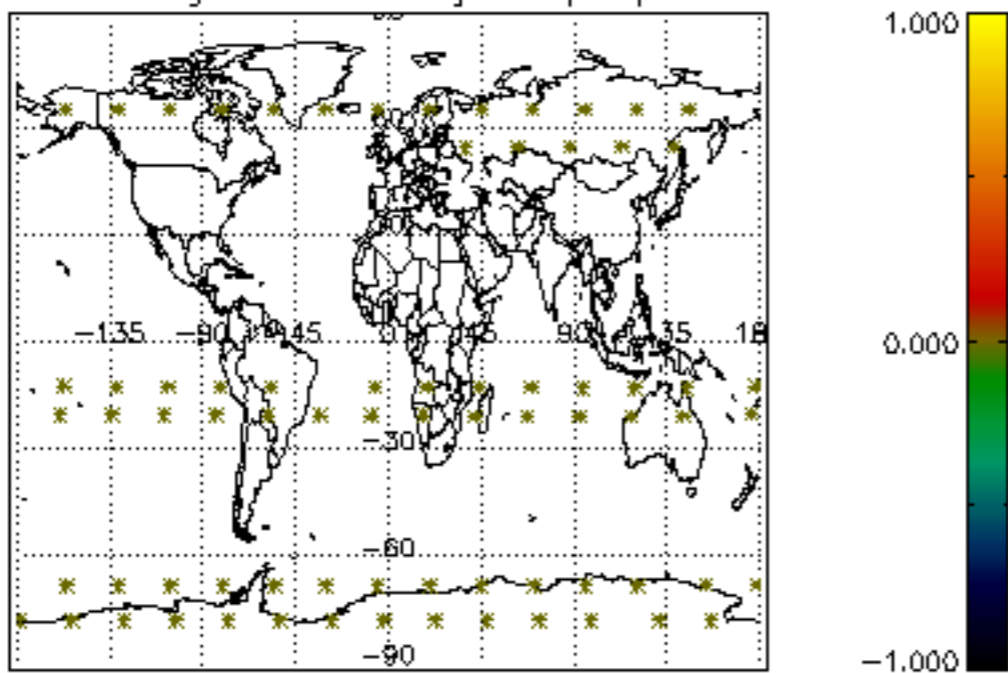
Percentage of star falling outside central band per profile



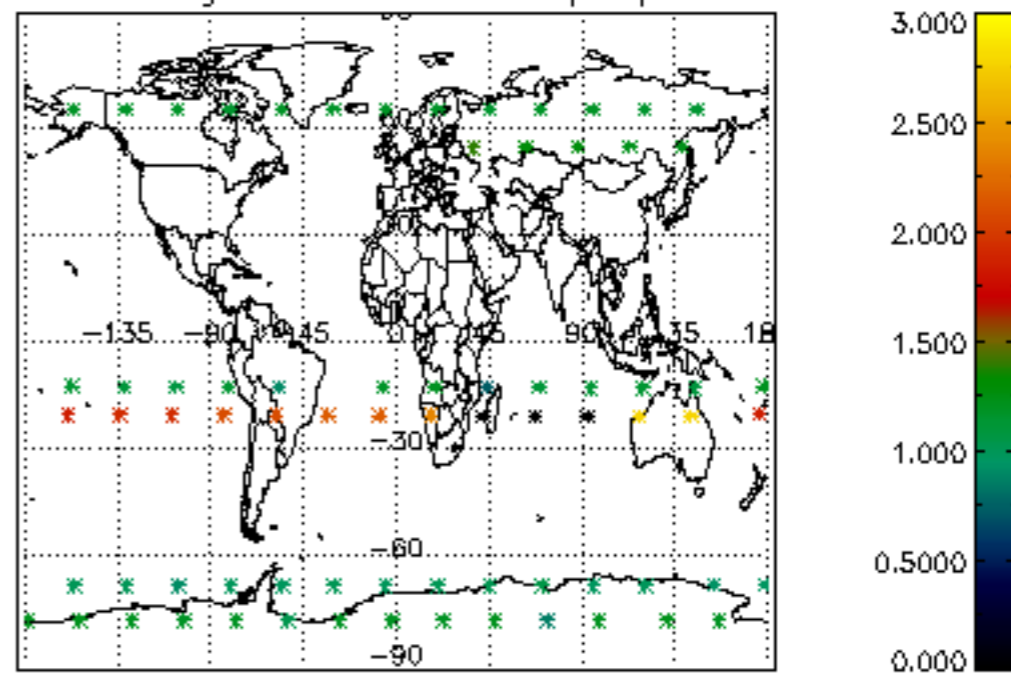
Percentage of saturation errors per profile



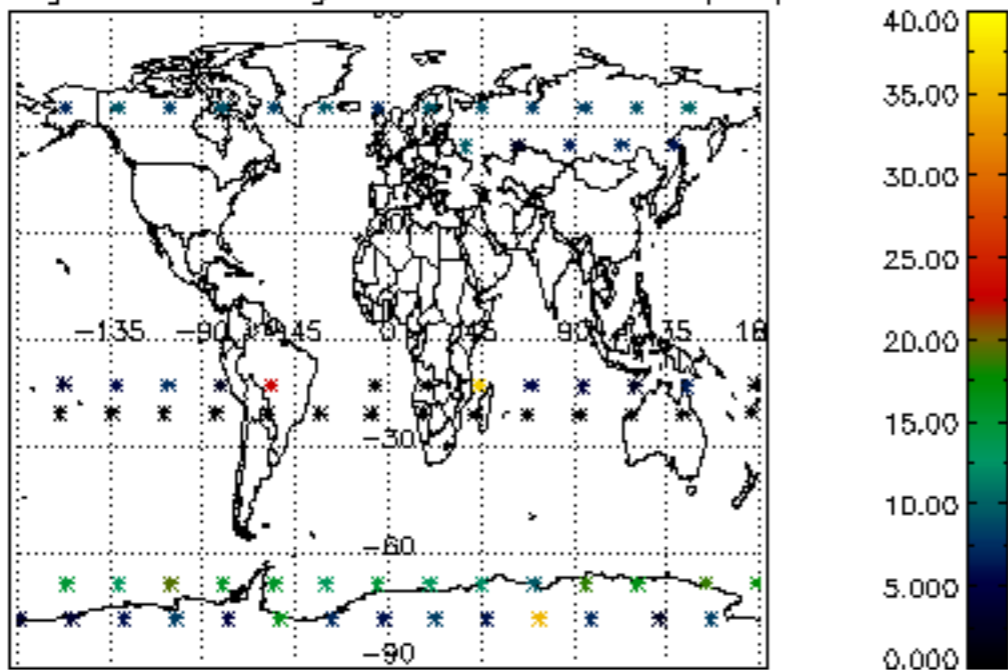
Percentage of cosmic ray hits per profile



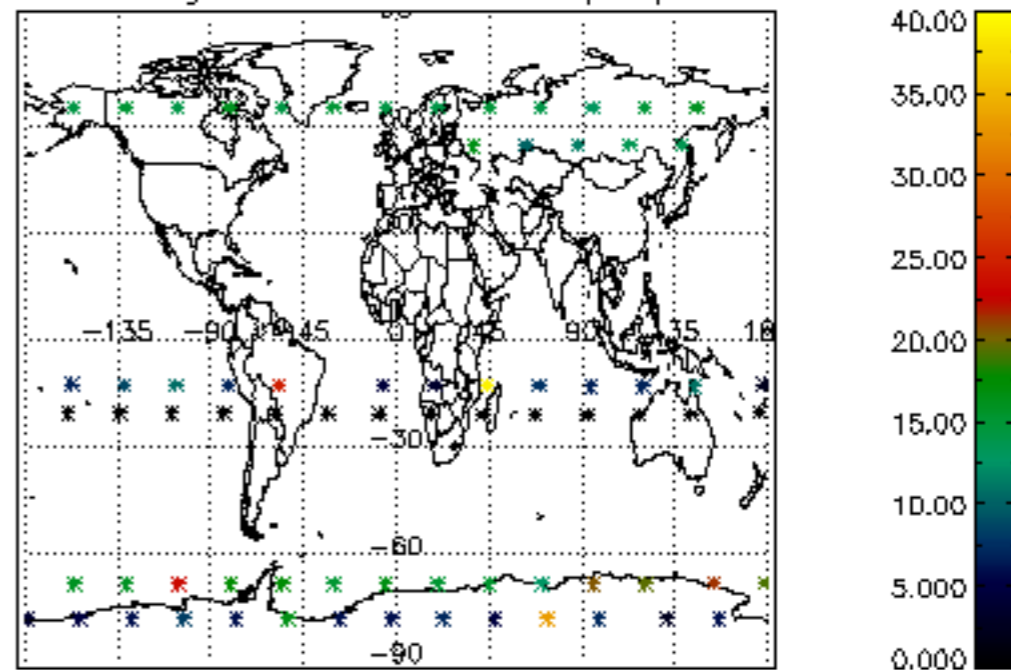
Percentage of datation errors per profile

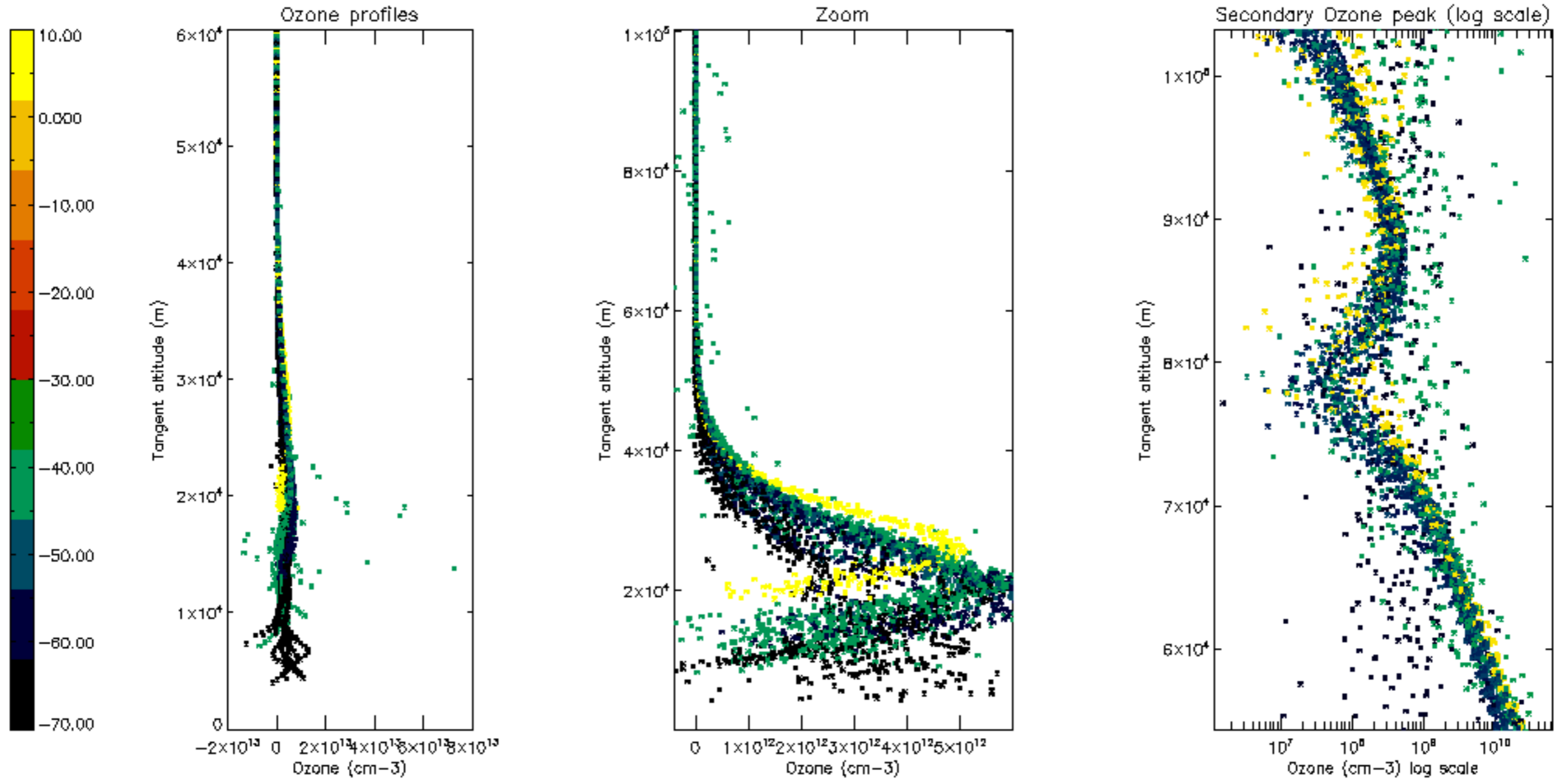


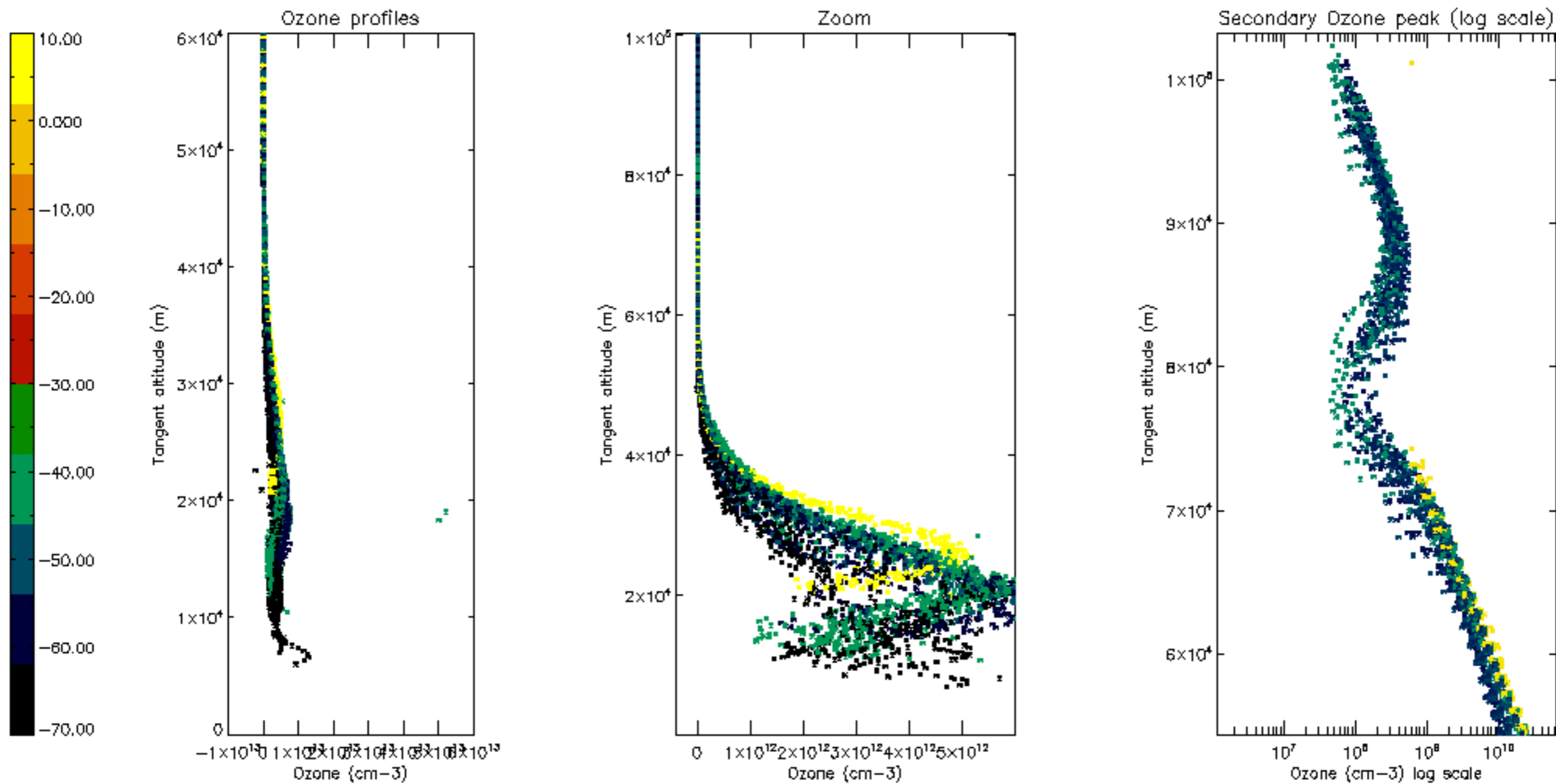
Percentage of star falling outside central band per profile

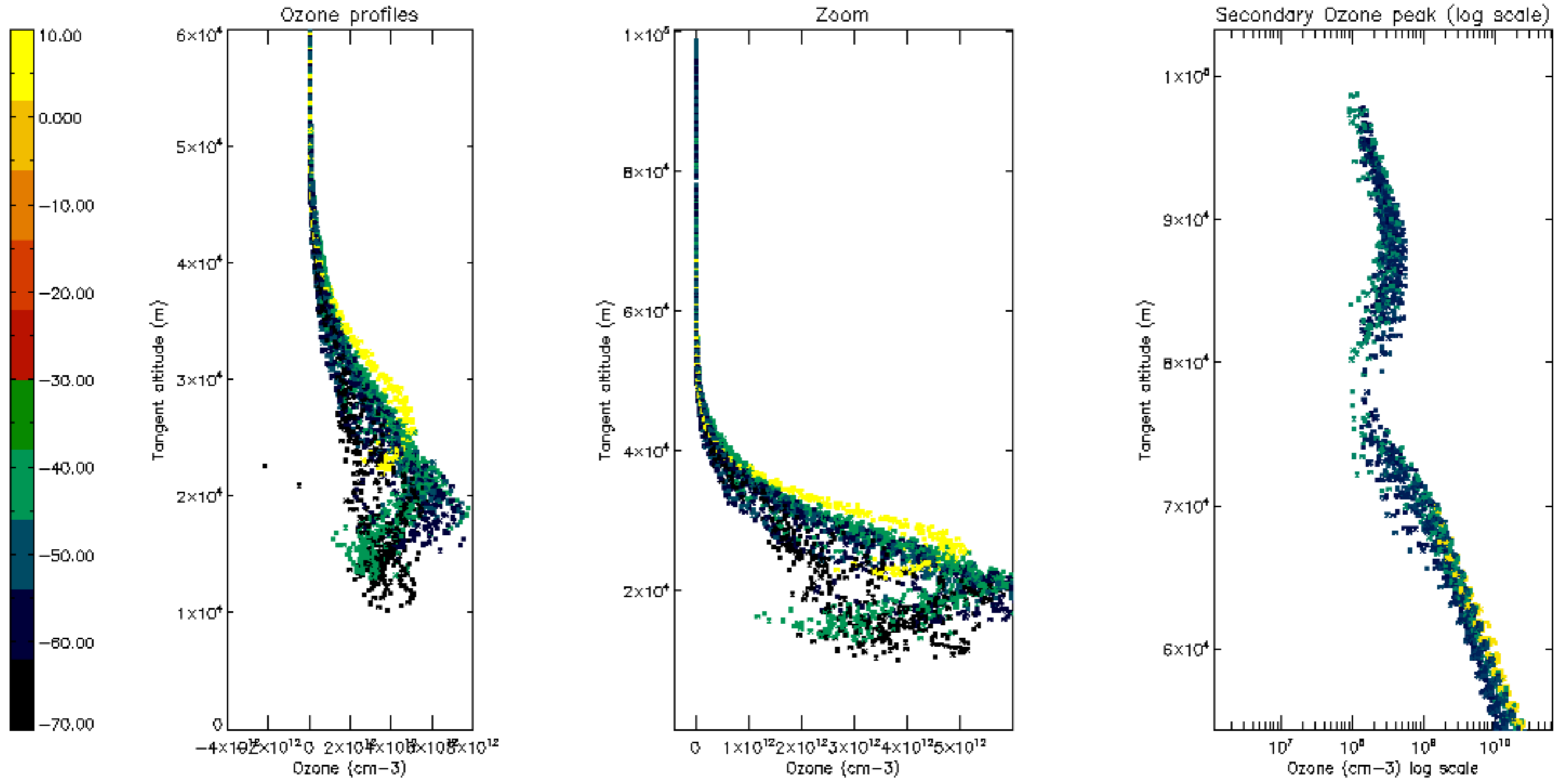


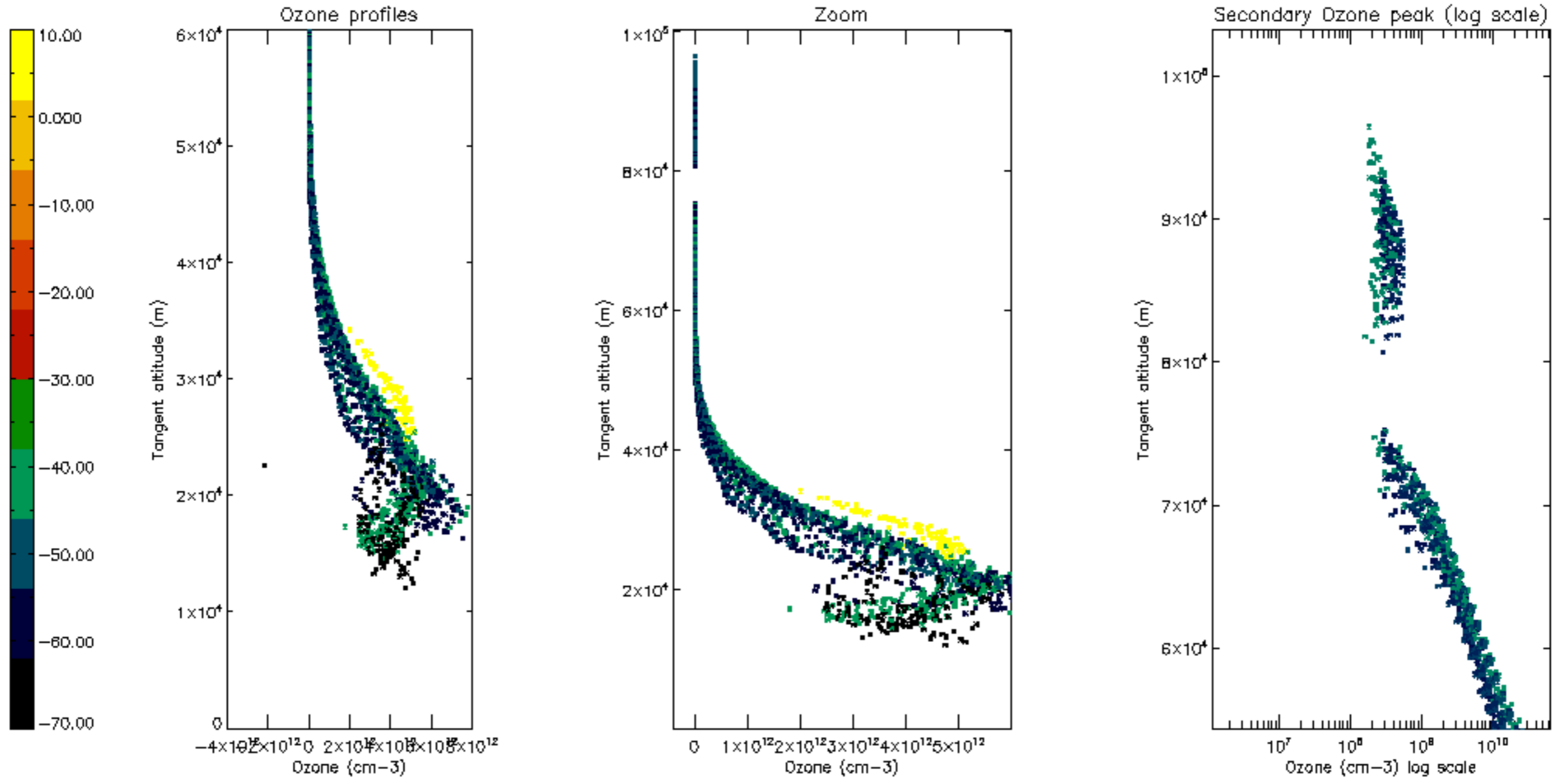
Percentage of saturation errors per profile

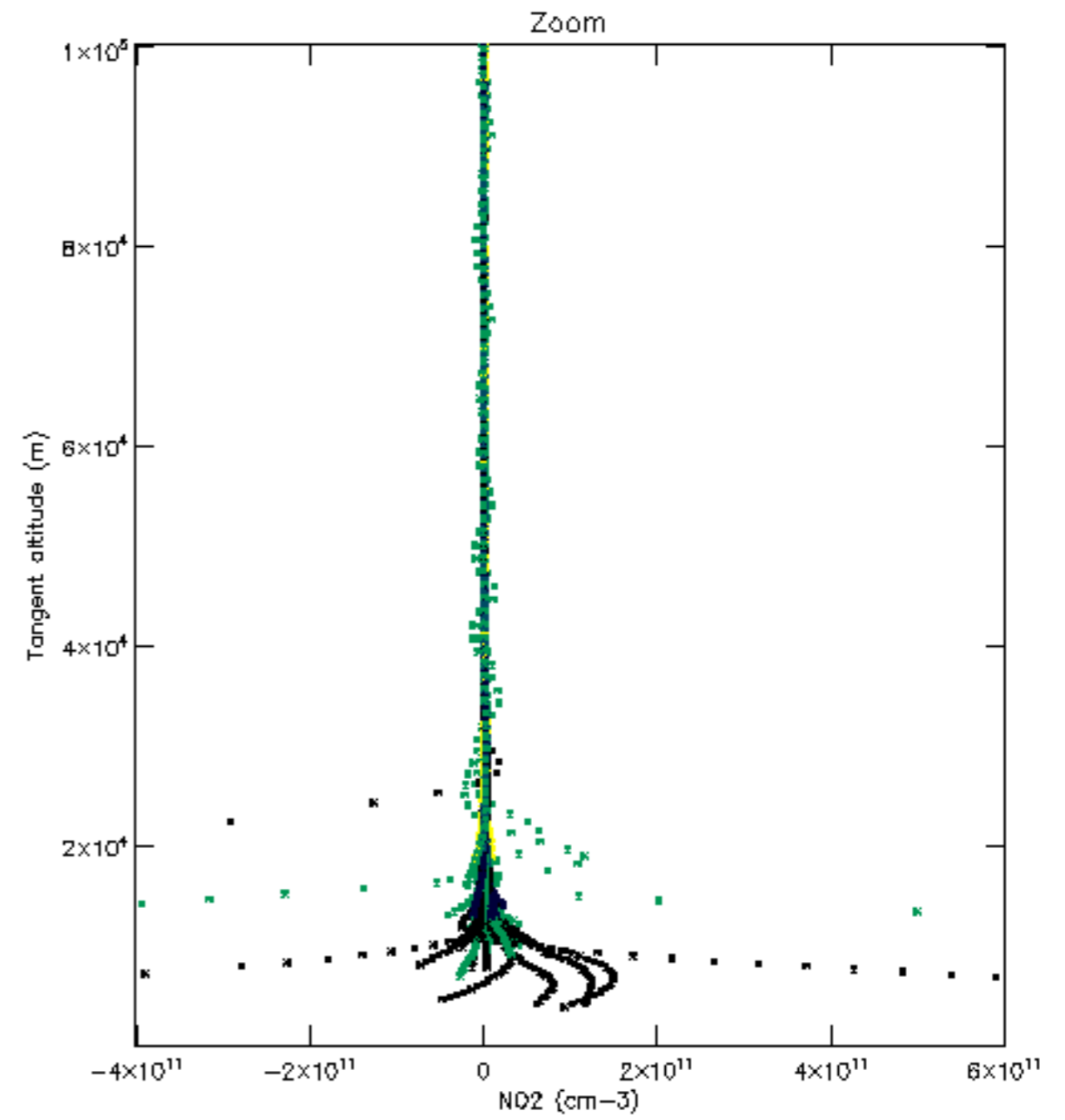
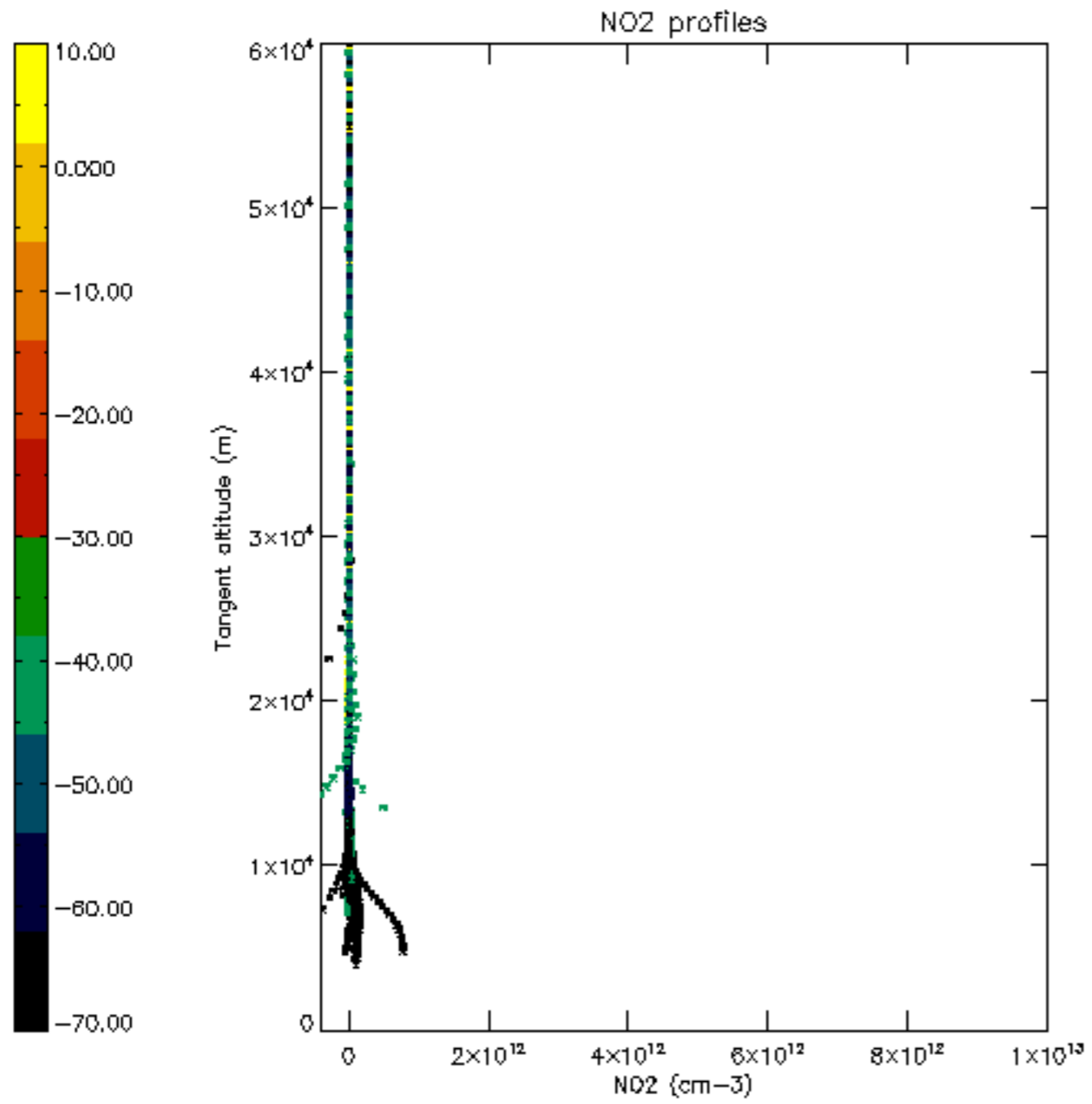


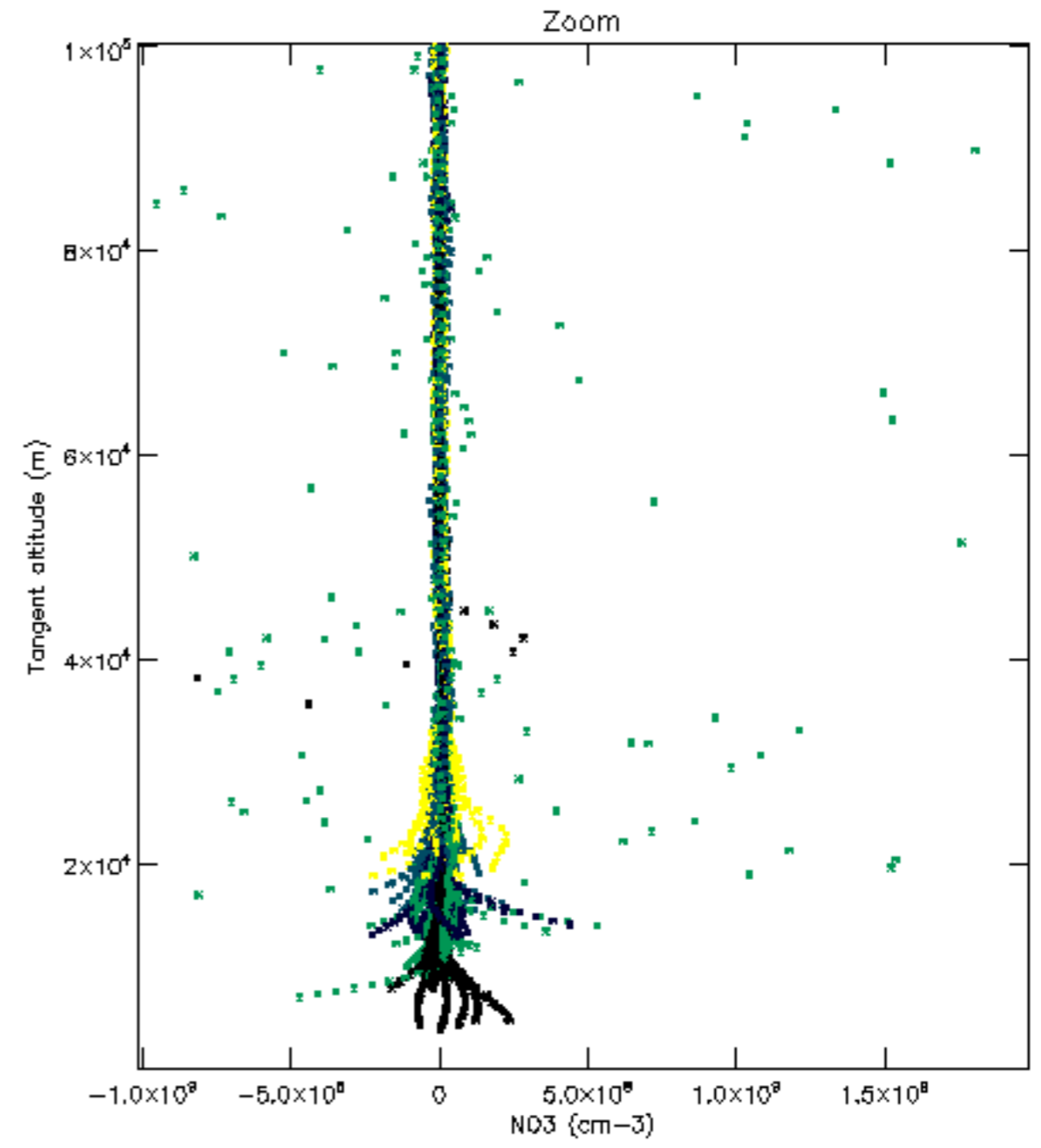
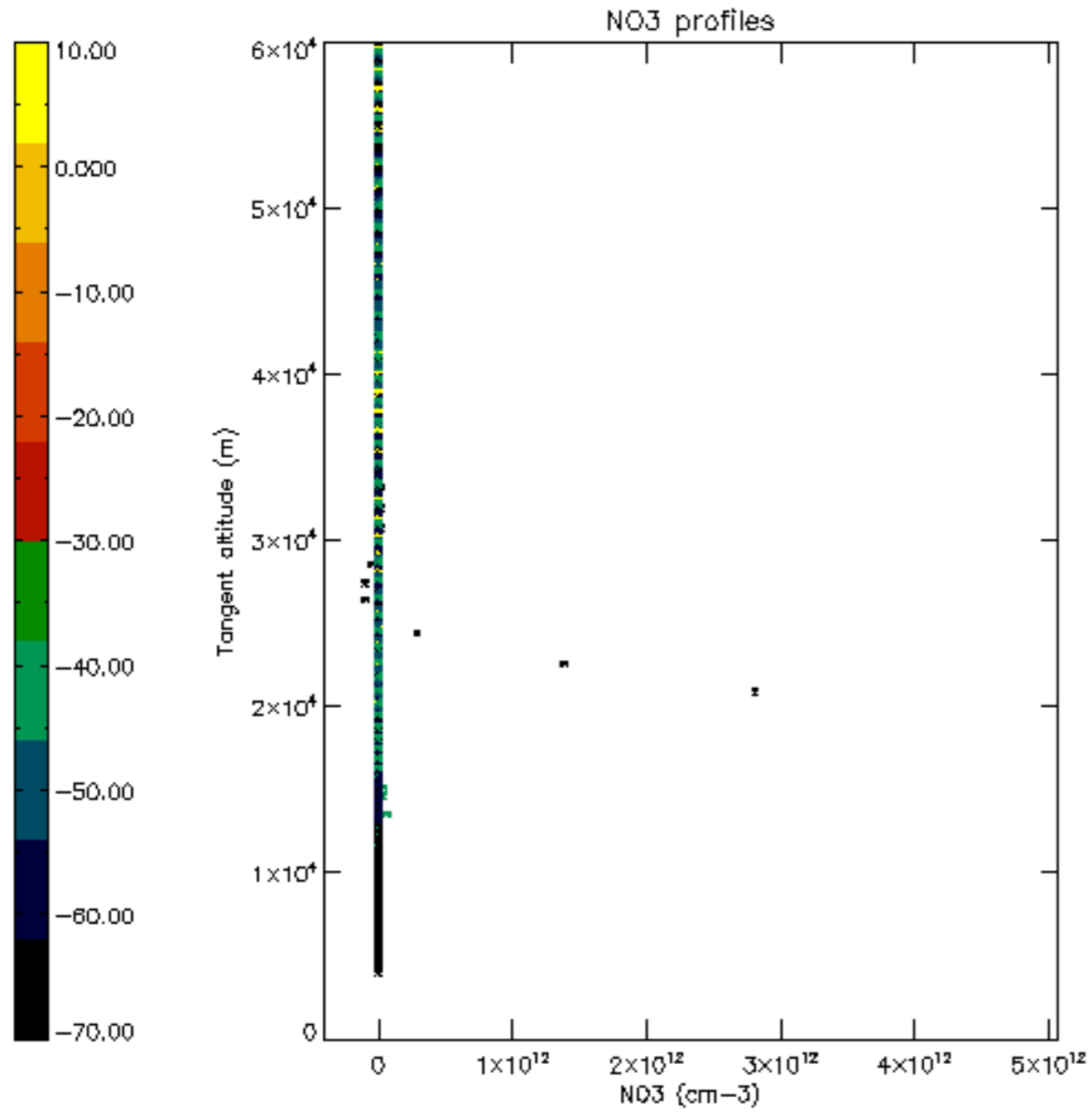




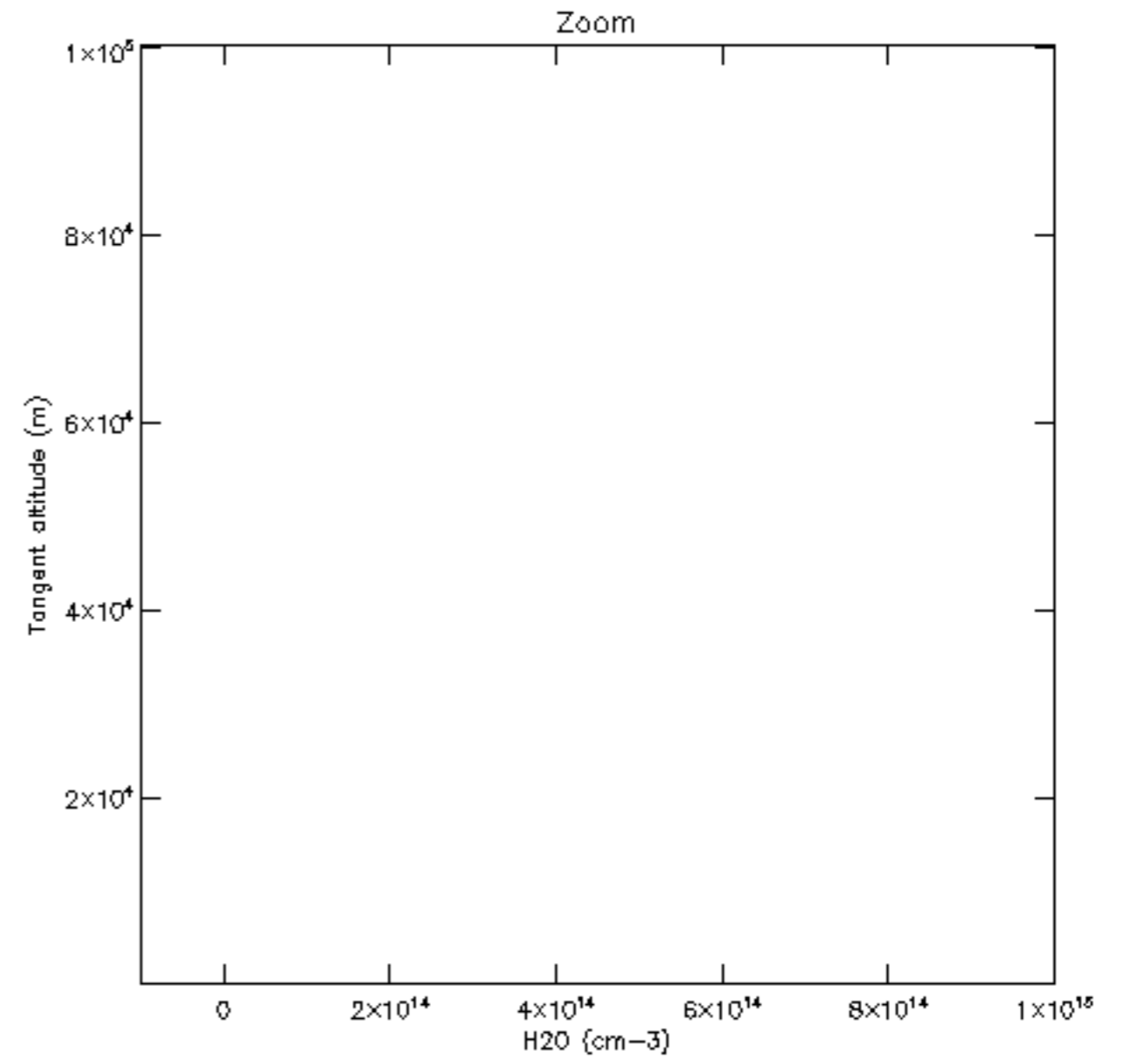
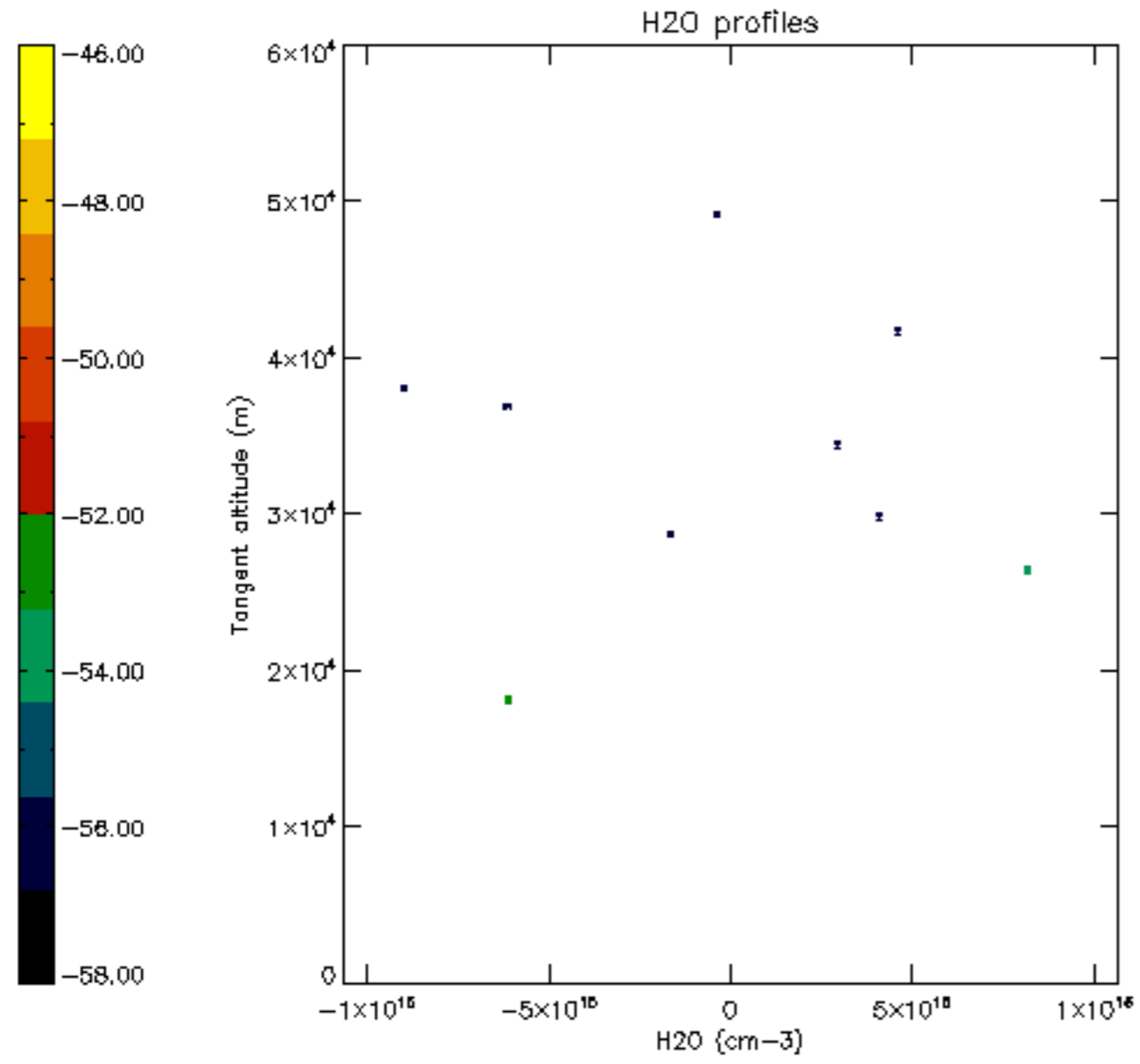


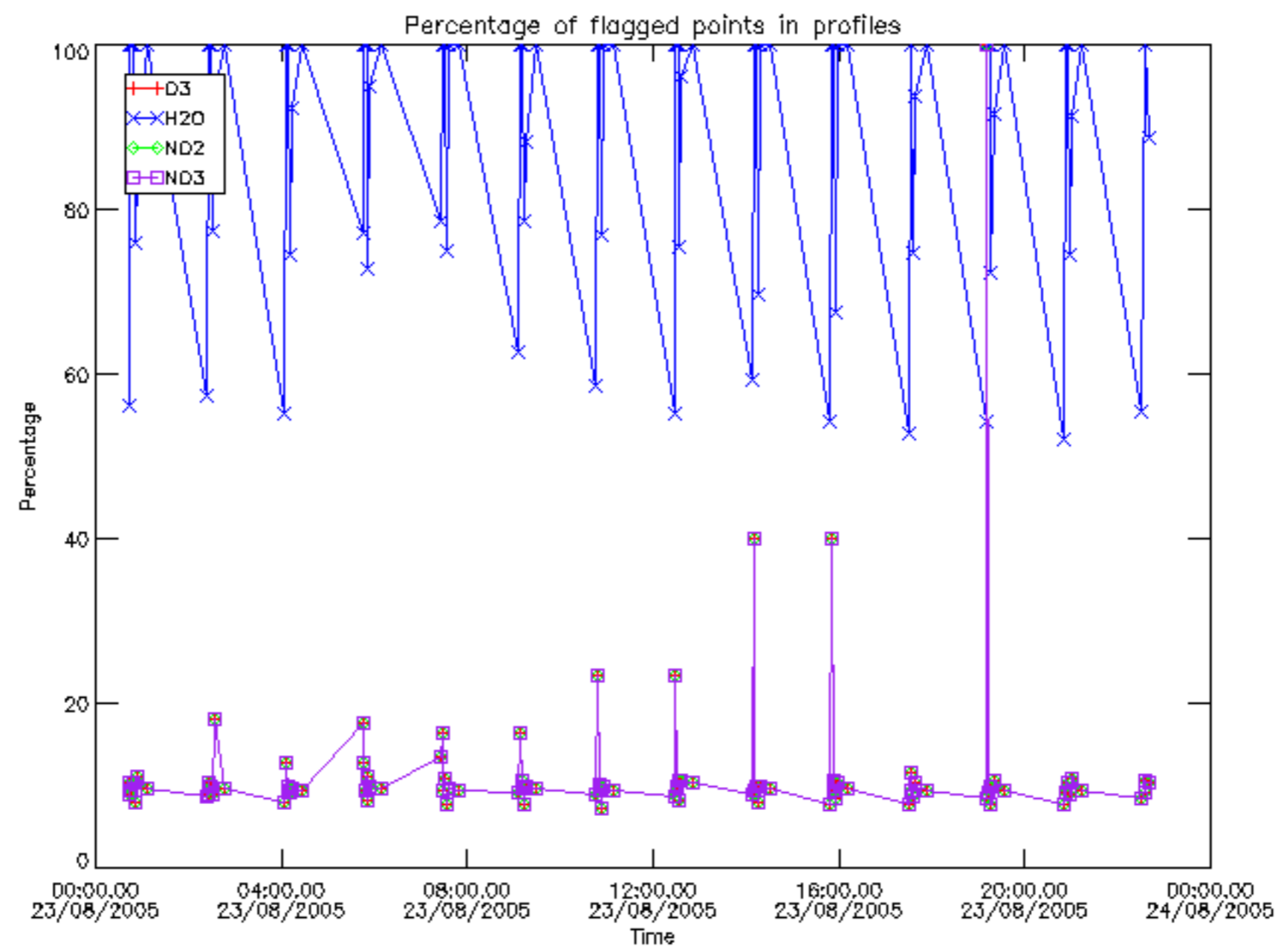




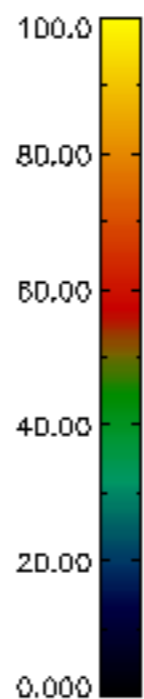
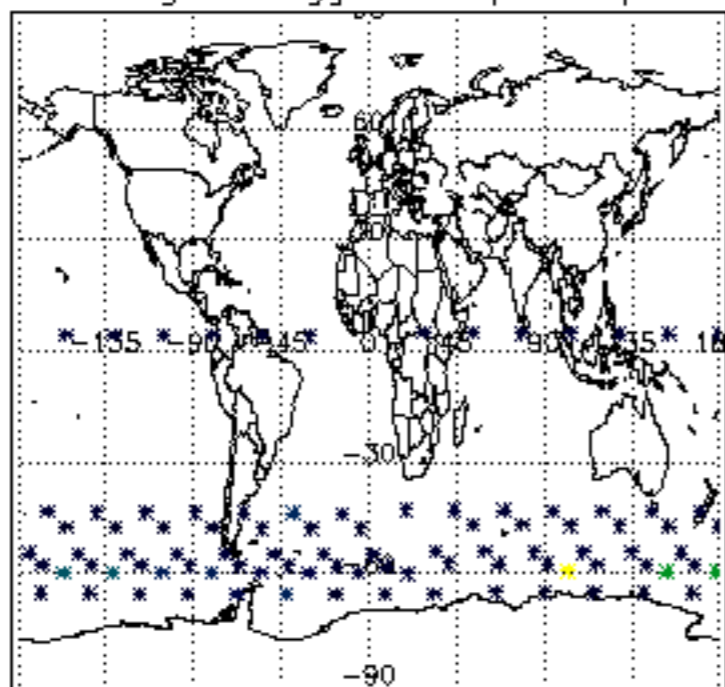




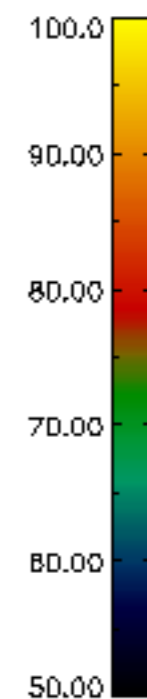
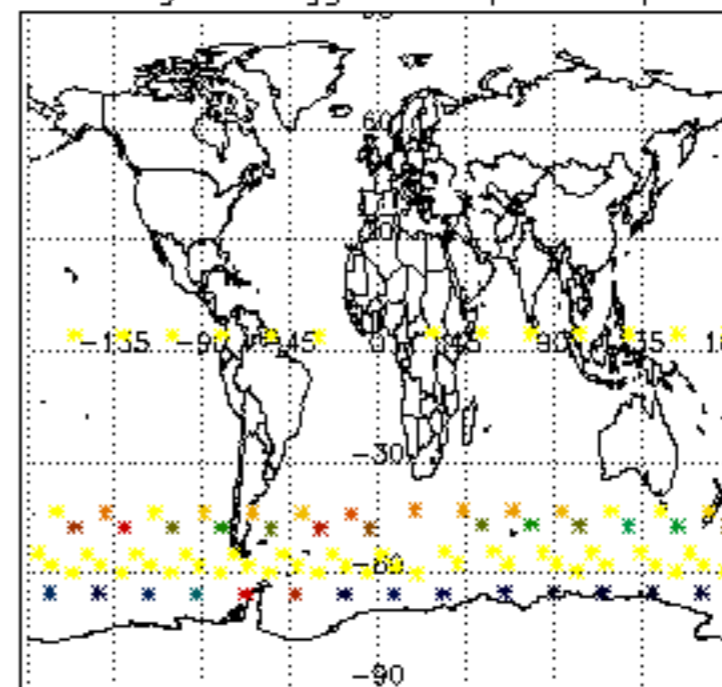




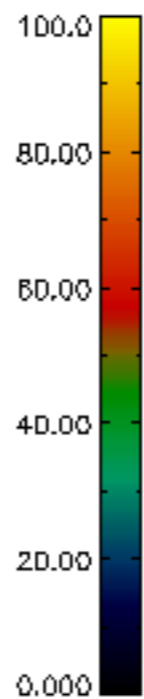
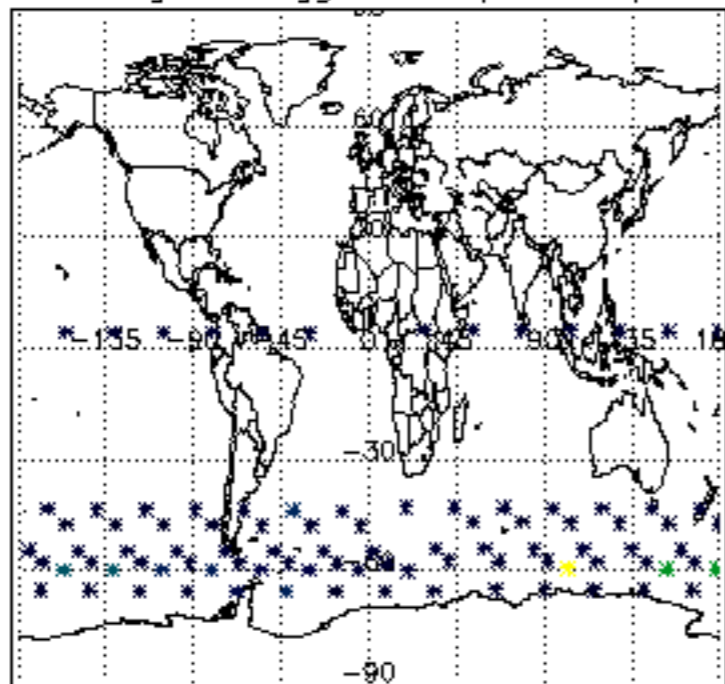
Percentage of flagged data per D3 profile



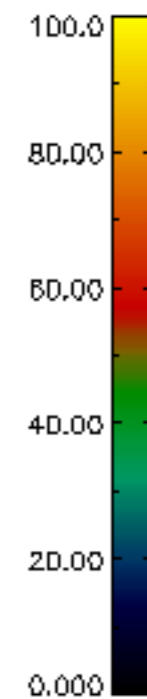
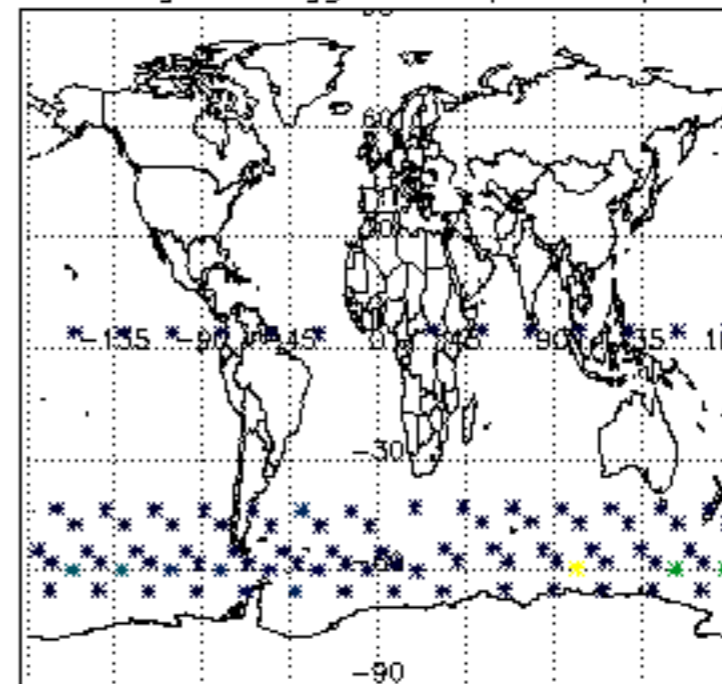
Percentage of flagged data per H2O profile

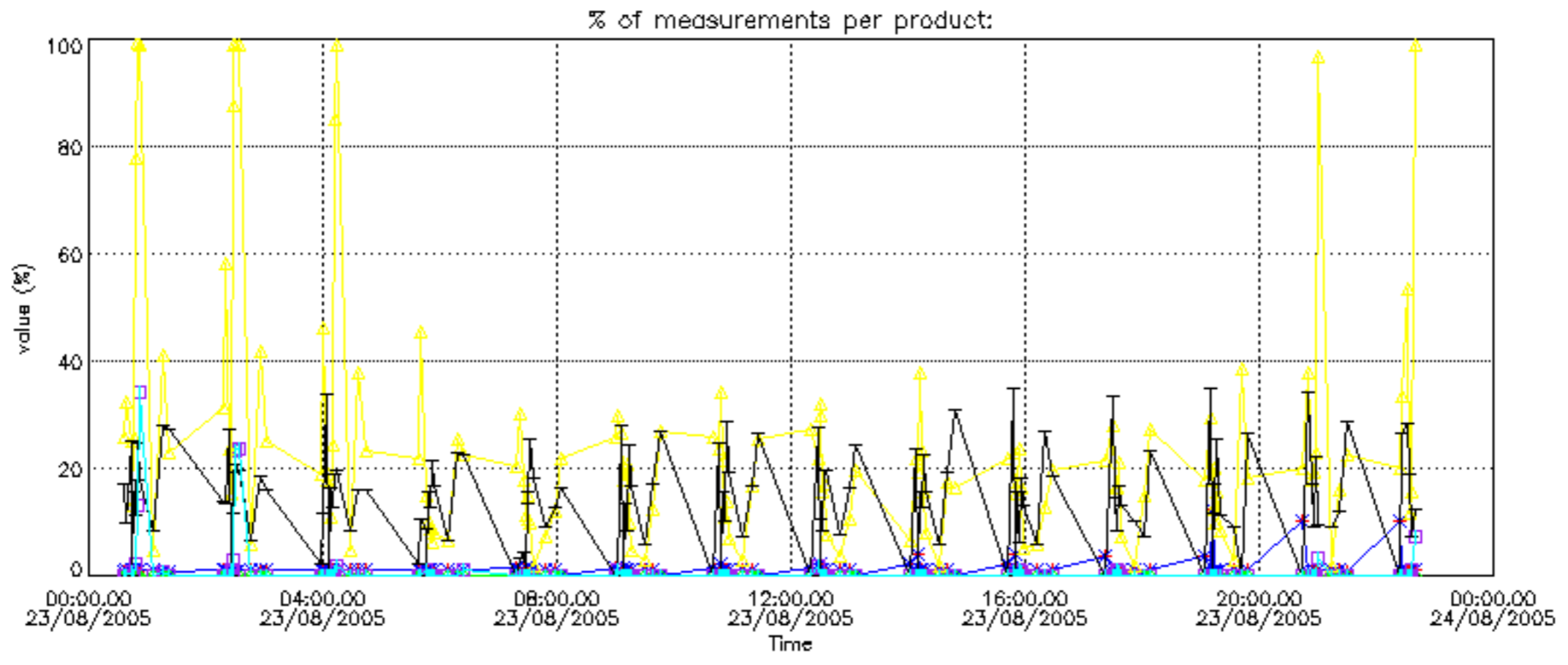


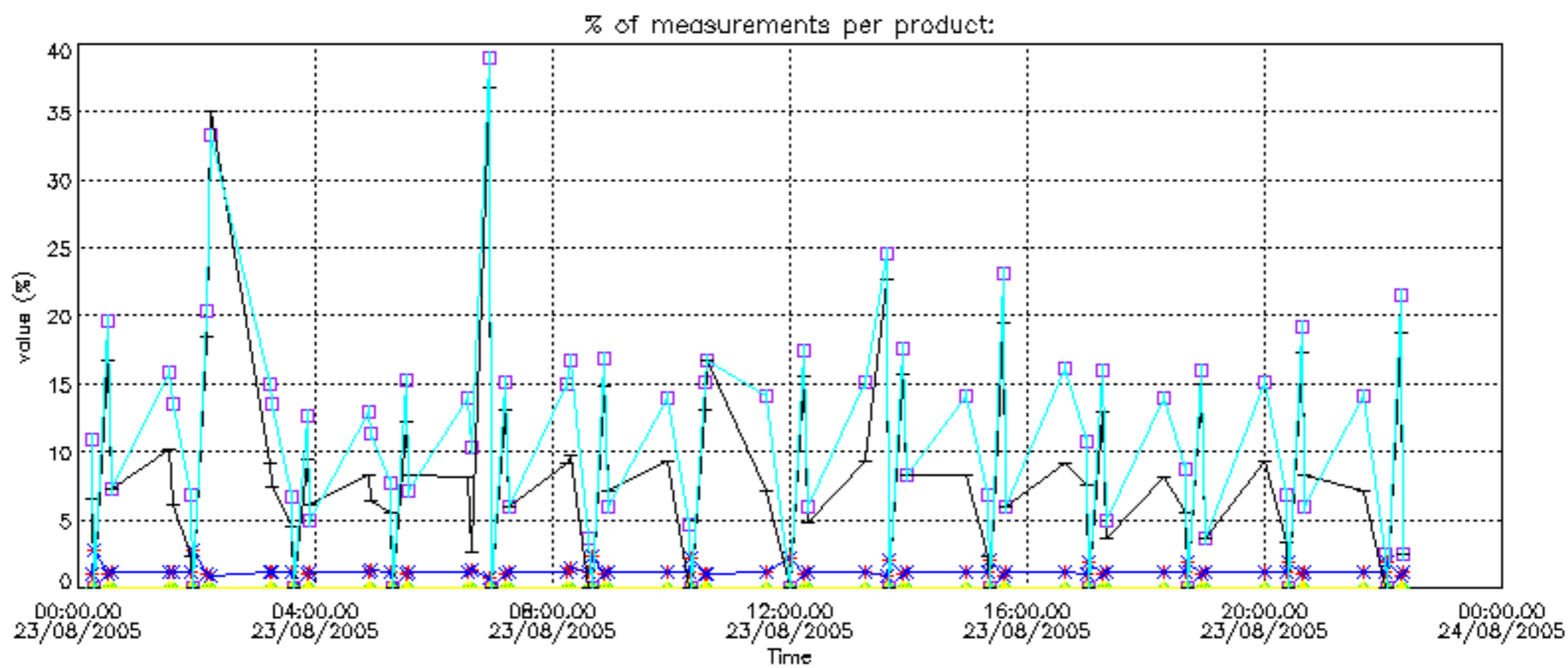
Percentage of flagged data per NO2 profile



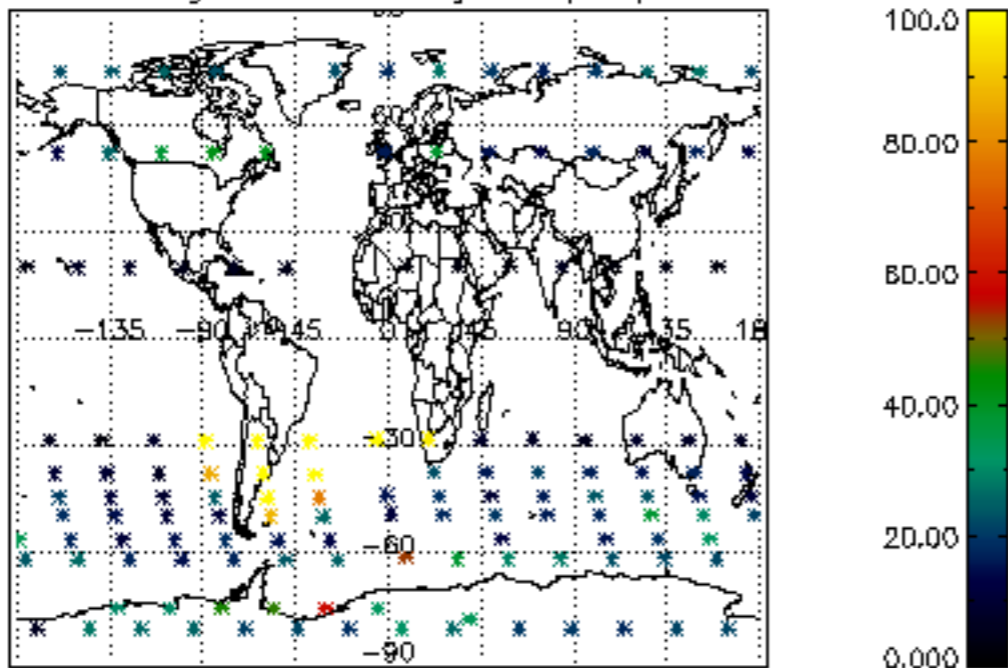
Percentage of flagged data per NO3 profile



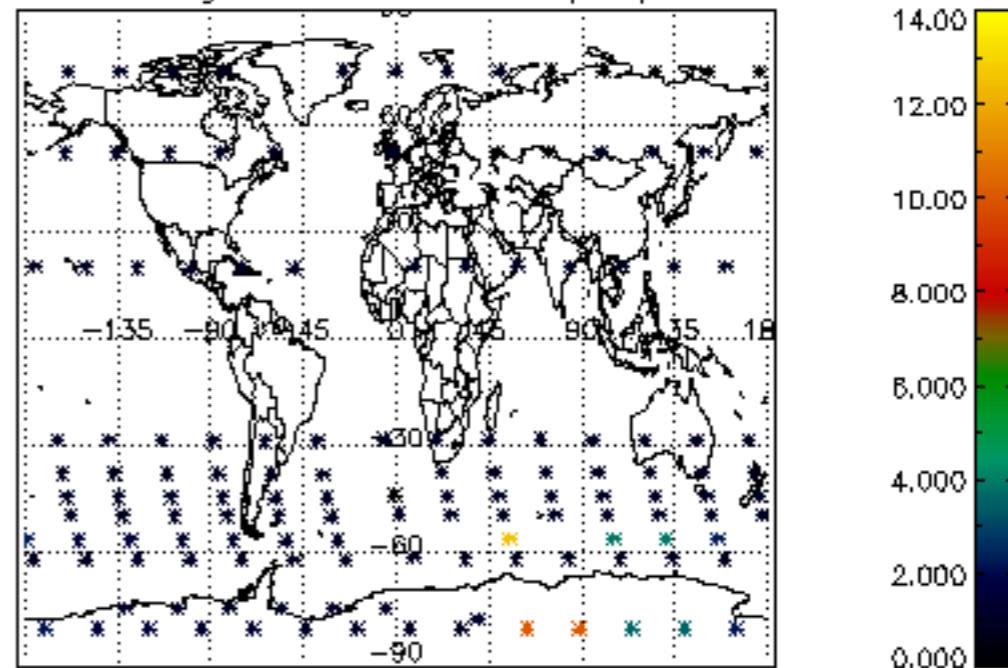




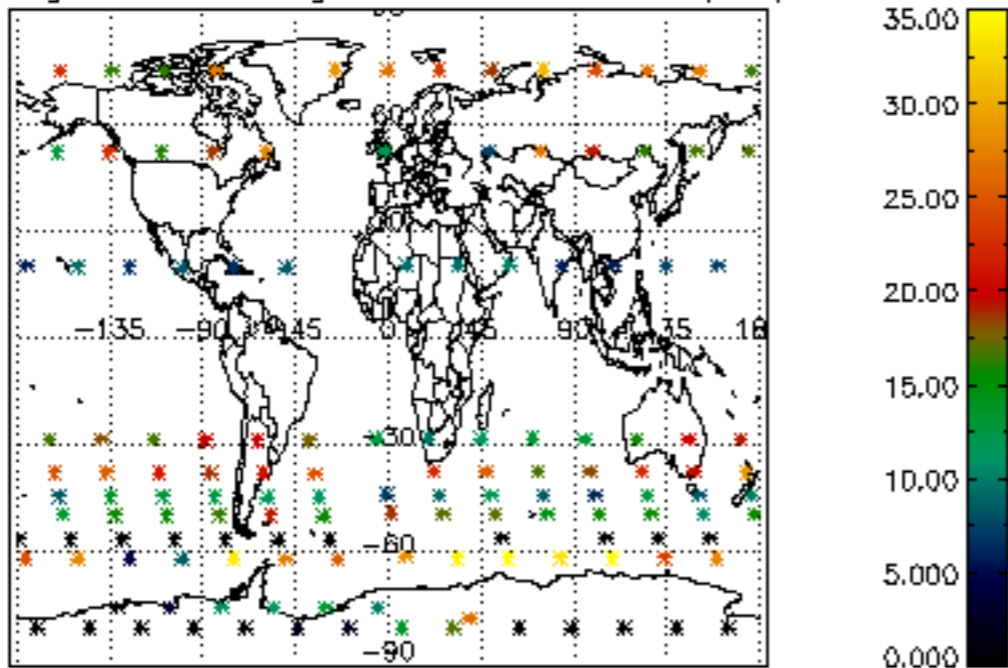
Percentage of cosmic ray hits per profile



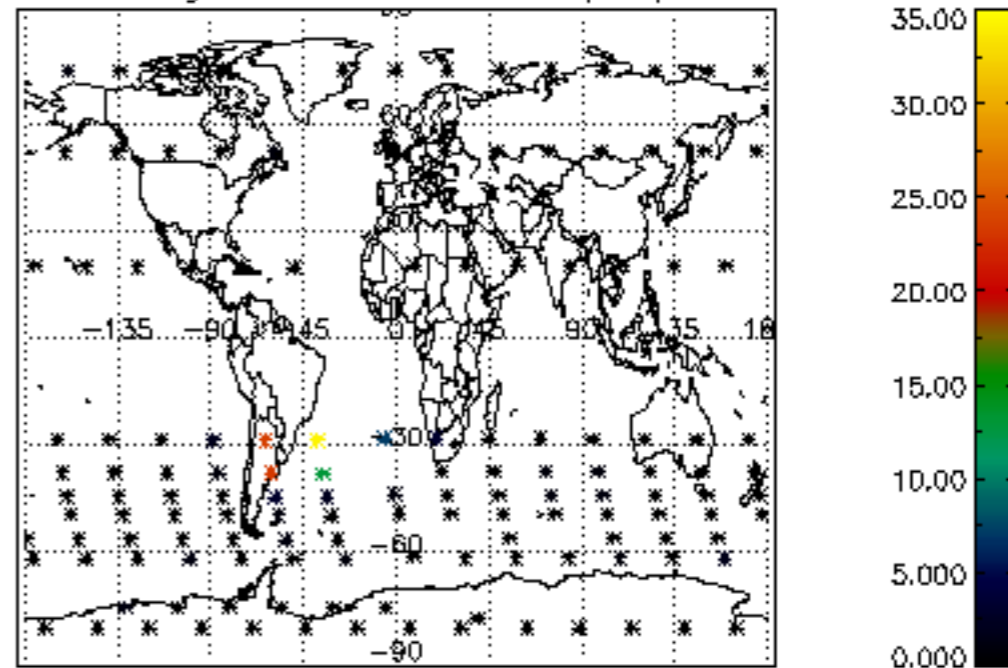
Percentage of datation errors per profile



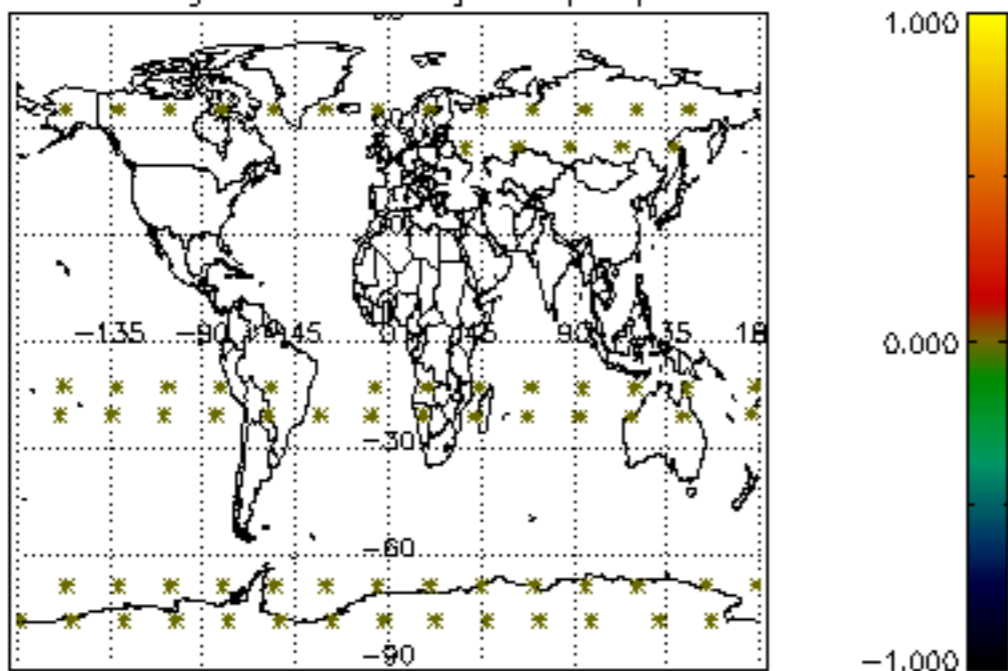
Percentage of star falling outside central band per profile



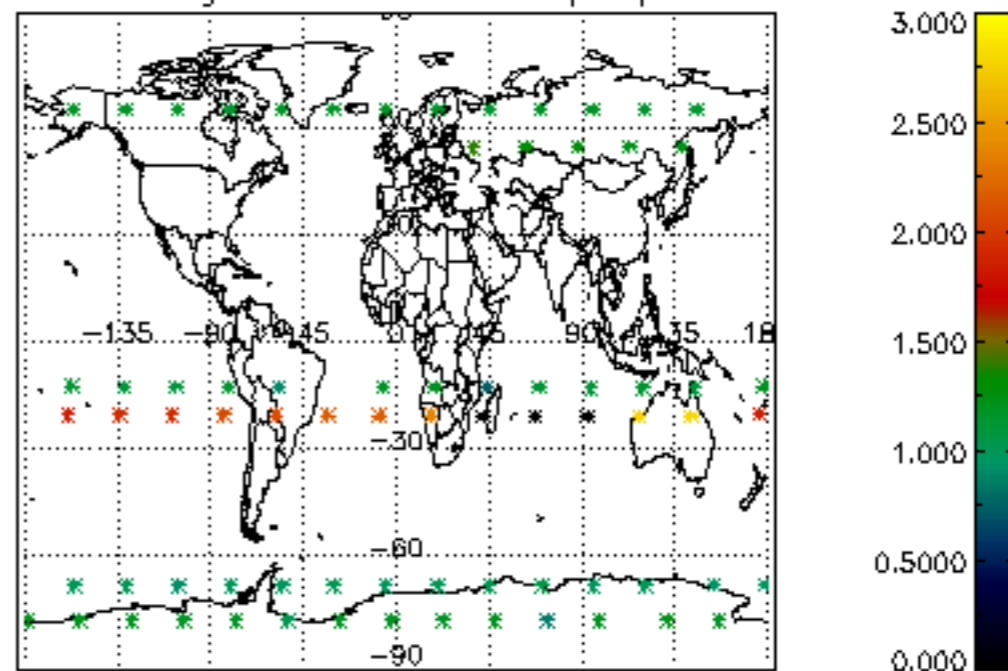
Percentage of saturation errors per profile



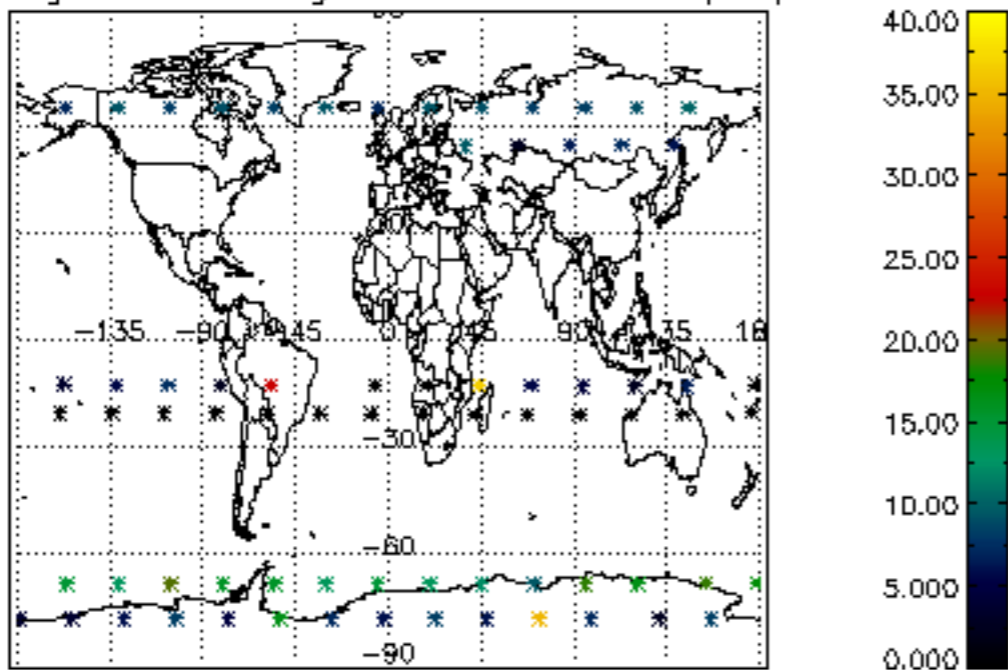
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

