

# 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	24APR2013 02:53:07
Data source version	GOMOS/6.01
Start time of products	02-08-2006 (02AUG2006 00:00:00)
Stop time of products	03-08-2006 (03AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	279
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060802_000013_000000312050_00016_23116_0369.N1	02-AUG-2006 00:00:13	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23116	No
2	GOM_NL__2PRFIN20060802_000607_000000302050_00016_23116_0370.N1	02-AUG-2006 00:06:07	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23116	No
3	GOM_NL__2PRFIN20060802_001847_000000372050_00016_23116_0371.N1	02-AUG-2006 00:18:47	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	23116	No
4	GOM_NL__2PRFIN20060802_002113_000000302050_00016_23116_0372.N1	02-AUG-2006 00:21:13	Bright	30.000	107	37The Aur	2.6490	11000.	60	23116	No
5	GOM_NL__2PRFIN20060802_002403_000000502050_00016_23116_0373.N1	02-AUG-2006 00:24:03	Bright	50.000	28	12Bet Tau	1.6500	15200.	100	23116	No
6	GOM_NL__2PRFIN20060802_002608_000000342050_00016_23116_0374.N1	02-AUG-2006 00:26:08	Twilight	34.000	176	23Zet Tau	3.0200	22000.	68	23116	No
7	GOM_NL__2PRFIN20060802_002948_000000422050_00016_23116_0375.N1	02-AUG-2006 00:29:48	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	23116	No
8	GOM_NL__2PRFIN20060802_003234_000000322050_00016_23116_0376.N1	02-AUG-2006 00:32:34	Dark	31.500	30	46Eps Ori	1.6940	30000.	63	23116	No
9	GOM_NL__2PRFIN20060802_003354_000000322050_00016_23116_0377.N1	02-AUG-2006 00:33:54	Dark	32.000	125	44Iot Ori	2.7700	30000.	64	23116	No
10	GOM_NL__2PRFIN20060802_003504_000000472050_00016_23116_0378.N1	02-AUG-2006 00:35:04	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	23116	No
11	GOM_NL__2PRFIN20060802_003714_000000382050_00016_23116_0379.N1	02-AUG-2006 00:37:14	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	23116	No
12	GOM_NL__2PRFIN20060802_004910_000000392050_00017_23117_0380.N1	02-AUG-2006 00:49:10	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23117	No
13	GOM_NL__2PRFIN20060802_005437_000000372050_00017_23117_0362.N1	02-AUG-2006 00:54:37	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23117	No
14	GOM_NL__2PRFIN20060802_010125_000000362050_00017_23117_0363.N1	02-AUG-2006 01:01:25	Straylight	35.500	148	Alp Tuc	2.8780	4100.0	71	23117	No
15	GOM_NL__2PRFIN20060802_010447_000000392050_00017_23117_0364.N1	02-AUG-2006 01:04:47	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23117	No
16	GOM_NL__2PRFIN20060802_010756_000000392050_00017_23117_0365.N1	02-AUG-2006 01:07:56	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23117	No
17	GOM_NL__2PRFIN20060802_012341_000000332050_00017_23117_0366.N1	02-AUG-2006 01:23:41	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23117	No
18	GOM_NL__2PRFIN20060802_012507_000000302050_00017_23117_0367.N1	02-AUG-2006 01:25:07	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23117	No
19	GOM_NL__2PRFIN20060802_013328_000000342050_00017_23117_0368.N1	02-AUG-2006 01:33:28	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	23117	No
20	GOM_NL__2PRFIN20060802_013524_000000362050_00017_23117_0369.N1	02-AUG-2006 01:35:24	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23117	No
21	GOM_NL__2PRFIN20060802_014049_000000292050_00017_23117_0370.N1	02-AUG-2006 01:40:49	Bright	29.000	89	5Alp Cep	2.4510	8000.0	58	23117	No
22	GOM_NL__2PRFIN20060802_014642_000000292050_00017_23117_0371.N1	02-AUG-2006 01:46:42	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23117	No
23	GOM_NL__2PRFIN20060802_015923_000000362050_00017_23117_0372.N1	02-AUG-2006 01:59:23	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23117	No
24	GOM_NL__2PRFIN20060802_020149_000000362050_00017_23117_0373.N1	02-AUG-2006 02:01:49	Bright	35.500	107	37The Aur	2.6490	11000.	71	23117	No
25	GOM_NL__2PRFIN20060802_020439_000000382050_00017_23117_0374.N1	02-AUG-2006 02:04:39	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	23117	No
26	GOM_NL__2PRFIN20060802_020644_000000342050_00017_23117_0375.N1	02-AUG-2006 02:06:44	Twilight	33.500	176	23Zet Tau	3.0200	22000.	67	23117	No
27	GOM_NL__2PRFIN20060802_021024_000000332050_00017_23117_0376.N1	02-AUG-2006 02:10:24	Dark	32.500	14	58Alp Ori	0.87000	3000.0	65	23117	No
28	GOM_NL__2PRFIN20060802_021310_000000372050_00017_23117_0377.N1	02-AUG-2006 02:13:10	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	23117	No
29	GOM_NL__2PRFIN20060802_021431_000000342050_00017_23117_0378.N1	02-AUG-2006 02:14:31	Dark	33.500	125	44Iot Ori	2.7700	30000.	67	23117	No
30	GOM_NL__2PRFIN20060802_021540_000000432050_00017_23117_0379.N1	02-AUG-2006 02:15:40	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	23117	No
31	GOM_NL__2PRFIN20060802_021750_000000372050_00017_23117_0380.N1	02-AUG-2006 02:17:50	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	23117	No
32	GOM_NL__2PRFIN20060802_022946_000000412050_00018_23118_0381.N1	02-AUG-2006 02:29:46	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23118	No
33	GOM_NL__2PRFIN20060802_023514_000000442050_00018_23118_0362.N1	02-AUG-2006 02:35:14	Dark	43.500	9	Alp Eri	0.45300	24000.	87	23118	No
34	GOM_NL__2PRFIN20060802_024201_000000352050_00018_23118_0363.N1	02-AUG-2006 02:42:01	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23118	No
35	GOM_NL__2PRFIN20060802_024524_000000362050_00018_23118_0364.N1	02-AUG-2006 02:45:24	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23118	No
36	GOM_NL__2PRFIN20060802_024832_000000382050_00018_23118_0365.N1	02-AUG-2006 02:48:32	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23118	No
37	GOM_NL__2PRFIN20060802_030416_000000332050_00018_23118_0366.N1	02-AUG-2006 03:04:16	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23118	No
38	GOM_NL__2PRFIN20060802_030543_000000302050_00018_23118_0367.N1	02-AUG-2006 03:05:43	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23118	No
39	GOM_NL__2PRFIN20060802_031404_000000342050_00018_23118_0368.N1	02-AUG-2006 03:14:04	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	23118	No
40	GOM_NL__2PRFIN20060802_031559_000000372050_00018_23118_0369.N1	02-AUG-2006 03:15:59	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	23118	No
41	GOM_NL__2PRFIN20060802_032124_000000322050_00018_23118_0370.N1	02-AUG-2006 03:21:24	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	23118	No
42	GOM_NL__2PRFIN20060802_032718_000000292050_00018_23118_0371.N1	02-AUG-2006 03:27:18	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23118	No

43	GOM_NL__2PRFIN20060802_033959_000000362050_00018_23118_0372.N1	02-AUG-2006 03:39:59	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	23118	No
44	GOM_NL__2PRFIN20060802_034226_000000292050_00018_23118_0373.N1	02-AUG-2006 03:42:26	Bright	29.000	107	37The Aur	2.6490	11000.	58	23118	No
45	GOM_NL__2PRFIN20060802_034515_000000372050_00018_23118_0374.N1	02-AUG-2006 03:45:15	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	23118	No
46	GOM_NL__2PRFIN20060802_034720_000000322050_00018_23118_0375.N1	02-AUG-2006 03:47:20	Twilight	31.500	176	23Zet Tau	3.0200	22000.	63	23118	No
47	GOM_NL__2PRFIN20060802_035100_000000342050_00018_23118_0376.N1	02-AUG-2006 03:51:00	Dark	33.500	14	58Alp Ori	0.87000	3000.0	67	23118	No
48	GOM_NL__2PRFIN20060802_035347_000000342050_00018_23118_0377.N1	02-AUG-2006 03:53:47	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	23118	No
49	GOM_NL__2PRFIN20060802_035507_000000312050_00018_23118_0378.N1	02-AUG-2006 03:55:07	Dark	31.000	125	44Iot Ori	2.7700	30000.	62	23118	No
50	GOM_NL__2PRFIN20060802_035616_000000452050_00018_23118_0379.N1	02-AUG-2006 03:56:16	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	23118	No
51	GOM_NL__2PRFIN20060802_035826_000000342050_00018_23118_0380.N1	02-AUG-2006 03:58:26	Dark	33.500	101	11Alp Lep	2.5820	7000.0	67	23118	No
52	GOM_NL__2PRFIN20060802_041024_000000412050_00019_23119_0381.N1	02-AUG-2006 04:10:24	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23119	No
53	GOM_NL__2PRFIN20060802_041550_000000372050_00019_23119_0382.N1	02-AUG-2006 04:15:50	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23119	No
54	GOM_NL__2PRFIN20060802_042238_000000352050_00019_23119_0383.N1	02-AUG-2006 04:22:38	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23119	No
55	GOM_NL__2PRFIN20060802_042600_000000382050_00019_23119_0384.N1	02-AUG-2006 04:26:00	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23119	No
56	GOM_NL__2PRFIN20060802_042909_000000382050_00019_23119_0385.N1	02-AUG-2006 04:29:09	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23119	No
57	GOM_NL__2PRFIN20060802_044452_000000342050_00019_23119_0386.N1	02-AUG-2006 04:44:52	Bright	34.000	11	53Alp Aql	0.76500	8000.0	68	23119	No
58	GOM_NL__2PRFIN20060802_045440_000000352050_00019_23119_0387.N1	02-AUG-2006 04:54:40	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	23119	No
59	GOM_NL__2PRFIN20060802_045634_000000362050_00019_23119_0388.N1	02-AUG-2006 04:56:34	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23119	No
60	GOM_NL__2PRFIN20060802_050200_000000322050_00019_23119_0389.N1	02-AUG-2006 05:02:00	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23119	No
61	GOM_NL__2PRFIN20060802_050754_000000302050_00019_23119_0390.N1	02-AUG-2006 05:07:54	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23119	No
62	GOM_NL__2PRFIN20060802_052035_000000362050_00019_23119_0391.N1	02-AUG-2006 05:20:35	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23119	No
63	GOM_NL__2PRFIN20060802_052302_000000292050_00019_23119_0392.N1	02-AUG-2006 05:23:02	Bright	29.000	107	37The Aur	2.6490	11000.	58	23119	No
64	GOM_NL__2PRFIN20060802_052551_000000412050_00019_23119_0393.N1	02-AUG-2006 05:25:51	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	23119	No
65	GOM_NL__2PRFIN20060802_052756_000000362050_00019_23119_0394.N1	02-AUG-2006 05:27:56	Twilight	36.000	176	23Zet Tau	3.0200	22000.	72	23119	No
66	GOM_NL__2PRFIN20060802_053136_000000432050_00019_23119_0395.N1	02-AUG-2006 05:31:36	Dark	42.500	14	58Alp Ori	0.87000	3000.0	85	23119	No
67	GOM_NL__2PRFIN20060802_053423_000000312050_00019_23119_0396.N1	02-AUG-2006 05:34:23	Dark	30.500	30	46Eps Ori	1.6940	30000.	61	23119	No
68	GOM_NL__2PRFIN20060802_053543_000000292050_00019_23119_0397.N1	02-AUG-2006 05:35:43	Dark	29.000	125	44Iot Ori	2.7700	30000.	58	23119	No
69	GOM_NL__2PRFIN20060802_053653_000000312050_00019_23119_0398.N1	02-AUG-2006 05:36:53	Dark	31.000	7	19Bet Ori	0.10000	14000.	62	23119	No
70	GOM_NL__2PRFIN20060802_053903_000000302050_00019_23119_0399.N1	02-AUG-2006 05:39:03	Dark	30.000	101	11Alp Lep	2.5820	7000.0	60	23119	No
71	GOM_NL__2PRFIN20060802_055101_000000402050_00020_23120_0380.N1	02-AUG-2006 05:51:01	Dark	40.000	157	The1Eri	2.9060	9300.0	80	23120	No
72	GOM_NL__2PRFIN20060802_055627_000000352050_00020_23120_0381.N1	02-AUG-2006 05:56:27	Dark	35.000	9	Alp Eri	0.45300	24000.	70	23120	No
73	GOM_NL__2PRFIN20060802_060314_000000342050_00020_23120_0382.N1	02-AUG-2006 06:03:14	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23120	No
74	GOM_NL__2PRFIN20060802_060637_000000382050_00020_23120_0383.N1	02-AUG-2006 06:06:37	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23120	No
75	GOM_NL__2PRFIN20060802_060945_000000382050_00020_23120_0384.N1	02-AUG-2006 06:09:45	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23120	No
76	GOM_NL__2PRFIN20060802_062528_000000342050_00020_23120_0385.N1	02-AUG-2006 06:25:28	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23120	No
77	GOM_NL__2PRFIN20060802_062655_000000292050_00020_23120_0386.N1	02-AUG-2006 06:26:55	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23120	No
78	GOM_NL__2PRFIN20060802_063515_000000352050_00020_23120_0387.N1	02-AUG-2006 06:35:15	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23120	No
79	GOM_NL__2PRFIN20060802_063710_000000362050_00020_23120_0388.N1	02-AUG-2006 06:37:10	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23120	No
80	GOM_NL__2PRFIN20060802_064235_000000332050_00020_23120_0389.N1	02-AUG-2006 06:42:35	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	23120	No
81	GOM_NL__2PRFIN20060802_064830_000000302050_00020_23120_0390.N1	02-AUG-2006 06:48:30	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23120	No
82	GOM_NL__2PRFIN20060802_070111_000000392050_00020_23120_0391.N1	02-AUG-2006 07:01:11	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	23120	No
83	GOM_NL__2PRFIN20060802_070338_000000292050_00020_23120_0392.N1	02-AUG-2006 07:03:38	Bright	28.500	107	37The Aur	2.6490	11000.	57	23120	No
84	GOM_NL__2PRFIN20060802_070627_000000402050_00020_23120_0393.N1	02-AUG-2006 07:06:27	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	23120	No
85	GOM_NL__2PRFIN20060802_070832_000000352050_00020_23120_0394.N1	02-AUG-2006 07:08:32	Twilight	34.500	176	23Zet Tau	3.0200	22000.	69	23120	No
86	GOM_NL__2PRFIN20060802_071213_000000462050_00020_23120_0395.N1	02-AUG-2006 07:12:13	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	23120	No
87	GOM_NL__2PRFIN20060802_071459_000000312050_00020_23120_0396.N1	02-AUG-2006 07:14:59	Dark	30.500	30	46Eps Ori	1.6940	30000.	61	23120	No
88	GOM_NL__2PRFIN20060802_071619_000000302050_00020_23120_0397.N1	02-AUG-2006 07:16:19	Dark	30.000	125	44Iot Ori	2.7700	30000.	60	23120	No
89	GOM_NL__2PRFIN20060802_071729_000000322050_00020_23120_0398.N1	02-AUG-2006 07:17:29	Dark	32.000	7	19Bet Ori	0.10000	14000.	64	23120	No
90	GOM_NL__2PRFIN20060802_071939_000000322050_00020_23120_0380.N1	02-AUG-2006 07:19:39	Dark	31.500	101	11Alp Lep	2.5820	7000.0	63	23120	No
91	GOM_NL__2PRFIN20060802_073138_000000402050_00021_23121_0381.N1	02-AUG-2006 07:31:38	Dark	39.500	157	The1Eri	2.9060	9300.0	79	23121	No
92	GOM_NL__2PRFIN20060802_073704_000000372050_00021_23121_0382.N1	02-AUG-2006 07:37:04	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23121	No
93	GOM_NL__2PRFIN20060802_074350_000000352050_00021_23121_0383.N1	02-AUG-2006 07:43:50	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23121	No
94	GOM_NL__2PRFIN20060802_074713_000000392050_00021_23121_0384.N1	02-AUG-2006 07:47:13	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23121	No
95	GOM_NL__2PRFIN20060802_075021_000000382050_00021_23121_0385.N1	02-AUG-2006 07:50:21	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23121	No
96	GOM_NL__2PRFIN20060802_080604_000000332050_00021_23121_0386.N1	02-AUG-2006 08:06:04	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23121	No
97	GOM_NL__2PRFIN20060802_080731_000000302050_00021_23121_0387.N1	02-AUG-2006 08:07:31	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23121	No
98	GOM_NL__2PRFIN20060802_081551_000000322050_00021_23121_0388.N1	02-AUG-2006 08:15:51	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23121	No
99	GOM_NL__2PRFIN20060802_081745_000000362050_00021_23121_0389.N1	02-AUG-2006 08:17:45	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23121	No
100	GOM_NL__2PRFIN20060802_082311_000000332050_00021_23121_0390.N1	02-AUG-2006 08:23:11	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	23121	No
101	GOM_NL__2PRFIN20060802_082906_000000312050_00021_23121_0391.N1	02-AUG-2006 08:29:06	Bright	30.500	49	1Alp UMi	1.9900	6300.0	61	23121	No

102	GOM_NL__2PRFIN20060802_084147_000000382050_00021_23121_0372.N1	02-AUG-2006 08:41:47	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	23121	No
103	GOM_NL__2PRFIN20060802_084414_000000302050_00021_23121_0373.N1	02-AUG-2006 08:44:14	Bright	29.500	107	37The Aur	2.6490	11000.	59	23121	No
104	GOM_NL__2PRFIN20060802_084703_000000382050_00021_23121_0374.N1	02-AUG-2006 08:47:03	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	23121	No
105	GOM_NL__2PRFIN20060802_084909_000000332050_00021_23121_0375.N1	02-AUG-2006 08:49:09	Tw_i_and_stray	33.000	176	23Zet Tau	3.0200	22000.	66	23121	No
106	GOM_NL__2PRFIN20060802_085249_000000322050_00021_23121_0376.N1	02-AUG-2006 08:52:49	Dark	31.500	14	58Alp Ori	0.87000	3000.0	63	23121	No
107	GOM_NL__2PRFIN20060802_085536_000000302050_00021_23121_0377.N1	02-AUG-2006 08:55:36	Dark	30.000	30	46Eps Ori	1.6940	30000.	60	23121	No
108	GOM_NL__2PRFIN20060802_085656_000000322050_00021_23121_0378.N1	02-AUG-2006 08:56:56	Dark	32.000	125	44Iot Ori	2.7700	30000.	64	23121	No
109	GOM_NL__2PRFIN20060802_085806_000000402050_00021_23121_0379.N1	02-AUG-2006 08:58:06	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	23121	No
110	GOM_NL__2PRFIN20060802_090015_000000362050_00021_23121_0380.N1	02-AUG-2006 09:00:15	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	23121	No
111	GOM_NL__2PRFIN20060802_091214_000000412050_00022_23122_0381.N1	02-AUG-2006 09:12:14	Dark	41.000	157	The1Eri	2.9060	9300.0	82	23122	No
112	GOM_NL__2PRFIN20060802_091740_000000362050_00022_23122_0362.N1	02-AUG-2006 09:17:40	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23122	No
113	GOM_NL__2PRFIN20060802_092427_000000382050_00022_23122_0363.N1	02-AUG-2006 09:24:27	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	23122	No
114	GOM_NL__2PRFIN20060802_092750_000000392050_00022_23122_0364.N1	02-AUG-2006 09:27:50	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23122	No
115	GOM_NL__2PRFIN20060802_093058_000000392050_00022_23122_0365.N1	02-AUG-2006 09:30:58	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23122	No
116	GOM_NL__2PRFIN20060802_094640_000000322050_00022_23122_0366.N1	02-AUG-2006 09:46:40	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23122	No
117	GOM_NL__2PRFIN20060802_094807_000000292050_00022_23122_0367.N1	02-AUG-2006 09:48:07	Bright	28.500	168	17Zet Aql	2.9860	11000.	57	23122	No
118	GOM_NL__2PRFIN20060802_095626_000000352050_00022_23122_0368.N1	02-AUG-2006 09:56:26	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23122	No
119	GOM_NL__2PRFIN20060802_095821_000000362050_00022_23122_0369.N1	02-AUG-2006 09:58:21	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23122	No
120	GOM_NL__2PRFIN20060802_100346_000000322050_00022_23122_0370.N1	02-AUG-2006 10:03:46	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	23122	No
121	GOM_NL__2PRFIN20060802_100942_000000282050_00022_23122_0371.N1	02-AUG-2006 10:09:42	Bright	28.000	49	1Alp UMi	1.9900	6300.0	56	23122	No
122	GOM_NL__2PRFIN20060802_102223_000000392050_00022_23122_0372.N1	02-AUG-2006 10:22:23	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	23122	No
123	GOM_NL__2PRFIN20060802_102450_000000312050_00022_23122_0373.N1	02-AUG-2006 10:24:50	Bright	30.500	107	37The Aur	2.6490	11000.	61	23122	No
124	GOM_NL__2PRFIN20060802_102739_000000352050_00022_23122_0374.N1	02-AUG-2006 10:27:39	Bright	34.500	28	12Bet Tau	1.6500	15200.	69	23122	No
125	GOM_NL__2PRFIN20060802_102945_000000302050_00022_23122_0375.N1	02-AUG-2006 10:29:45	Tw_i_and_stray	30.000	176	23Zet Tau	3.0200	22000.	60	23122	No
126	GOM_NL__2PRFIN20060802_103325_000000312050_00022_23122_0376.N1	02-AUG-2006 10:33:25	Dark	30.500	14	58Alp Ori	0.87000	3000.0	61	23122	No
127	GOM_NL__2PRFIN20060802_103612_000000342050_00022_23122_0377.N1	02-AUG-2006 10:36:12	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	23122	No
128	GOM_NL__2PRFIN20060802_103732_000000332050_00022_23122_0378.N1	02-AUG-2006 10:37:32	Dark	33.000	125	44Iot Ori	2.7700	30000.	66	23122	No
129	GOM_NL__2PRFIN20060802_103842_000000472050_00022_23122_0379.N1	02-AUG-2006 10:38:42	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	23122	No
130	GOM_NL__2PRFIN20060802_104051_000000372050_00022_23122_0380.N1	02-AUG-2006 10:40:51	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23122	No
131	GOM_NL__2PRFIN20060802_105251_000000412050_00023_23123_0382.N1	02-AUG-2006 10:52:51	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23123	No
132	GOM_NL__2PRFIN20060802_105817_000000372050_00023_23123_0383.N1	02-AUG-2006 10:58:17	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23123	No
133	GOM_NL__2PRFIN20060802_110503_000000372050_00023_23123_0384.N1	02-AUG-2006 11:05:03	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	23123	No
134	GOM_NL__2PRFIN20060802_110826_000000372050_00023_23123_0385.N1	02-AUG-2006 11:08:26	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23123	No
135	GOM_NL__2PRFIN20060802_111134_000000382050_00023_23123_0386.N1	02-AUG-2006 11:11:34	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	23123	No
136	GOM_NL__2PRFIN20060802_112716_000000322050_00023_23123_0387.N1	02-AUG-2006 11:27:16	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23123	No
137	GOM_NL__2PRFIN20060802_112843_000000302050_00023_23123_0388.N1	02-AUG-2006 11:28:43	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23123	No
138	GOM_NL__2PRFIN20060802_113702_000000342050_00023_23123_0389.N1	02-AUG-2006 11:37:02	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	23123	No
139	GOM_NL__2PRFIN20060802_113856_000000372050_00023_23123_0390.N1	02-AUG-2006 11:38:56	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	23123	No
140	GOM_NL__2PRFIN20060802_114422_000000342050_00023_23123_0391.N1	02-AUG-2006 11:44:22	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23123	No
141	GOM_NL__2PRFIN20060802_115018_000000302050_00023_23123_0392.N1	02-AUG-2006 11:50:18	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23123	No
142	GOM_NL__2PRFIN20060802_120259_000000382050_00023_23123_0393.N1	02-AUG-2006 12:02:59	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	23123	No
143	GOM_NL__2PRFIN20060802_120526_000000332050_00023_23123_0394.N1	02-AUG-2006 12:05:26	Bright	33.000	107	37The Aur	2.6490	11000.	66	23123	No
144	GOM_NL__2PRFIN20060802_120815_000000362050_00023_23123_0395.N1	02-AUG-2006 12:08:15	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	23123	No
145	GOM_NL__2PRFIN20060802_121020_000000312050_00023_23123_0396.N1	02-AUG-2006 12:10:20	Tw_i_and_stray	30.500	176	23Zet Tau	3.0200	22000.	61	23123	No
146	GOM_NL__2PRFIN20060802_121401_000000332050_00023_23123_0397.N1	02-AUG-2006 12:14:01	Dark	32.500	14	58Alp Ori	0.87000	3000.0	65	23123	No
147	GOM_NL__2PRFIN20060802_121648_000000382050_00023_23123_0398.N1	02-AUG-2006 12:16:48	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	23123	No
148	GOM_NL__2PRFIN20060802_121808_000000332050_00023_23123_0399.N1	02-AUG-2006 12:18:08	Dark	32.500	125	44Iot Ori	2.7700	30000.	65	23123	No
149	GOM_NL__2PRFIN20060802_121918_000000422050_00023_23123_0400.N1	02-AUG-2006 12:19:18	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	23123	No
150	GOM_NL__2PRFIN20060802_122128_000000372050_00023_23123_0401.N1	02-AUG-2006 12:21:28	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23123	No
151	GOM_NL__2PRFIN20060802_123328_000000392050_00024_23124_0382.N1	02-AUG-2006 12:33:28	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23124	No
152	GOM_NL__2PRFIN20060802_123853_000000382050_00024_23124_0383.N1	02-AUG-2006 12:38:53	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23124	No
153	GOM_NL__2PRFIN20060802_124540_000000372050_00024_23124_0384.N1	02-AUG-2006 12:45:40	Straylight	36.500	148	Alp Tuc	2.8780	4100.0	73	23124	No
154	GOM_NL__2PRFIN20060802_124902_000000412050_00024_23124_0385.N1	02-AUG-2006 12:49:02	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23124	No
155	GOM_NL__2PRFIN20060802_125211_000000402050_00024_23124_0386.N1	02-AUG-2006 12:52:11	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	23124	No
156	GOM_NL__2PRFIN20060802_130752_000000302050_00024_23124_0387.N1	02-AUG-2006 13:07:52	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23124	No
157	GOM_NL__2PRFIN20060802_130919_000000292050_00024_23124_0388.N1	02-AUG-2006 13:09:19	Bright	28.500	168	17Zet Aql	2.9860	11000.	57	23124	No
158	GOM_NL__2PRFIN20060802_131737_000000312050_00024_23124_0389.N1	02-AUG-2006 13:17:37	Bright	31.000	66	37Gam Cyg	2.2080	5900.0	62	23124	No
159	GOM_NL__2PRFIN20060802_131932_000000352050_00024_23124_0390.N1	02-AUG-2006 13:19:32	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	23124	No
160	GOM_NL__2PRFIN20060802_132457_000000332050_00024_23124_0391.N1	02-AUG-2006 13:24:57	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	23124	No



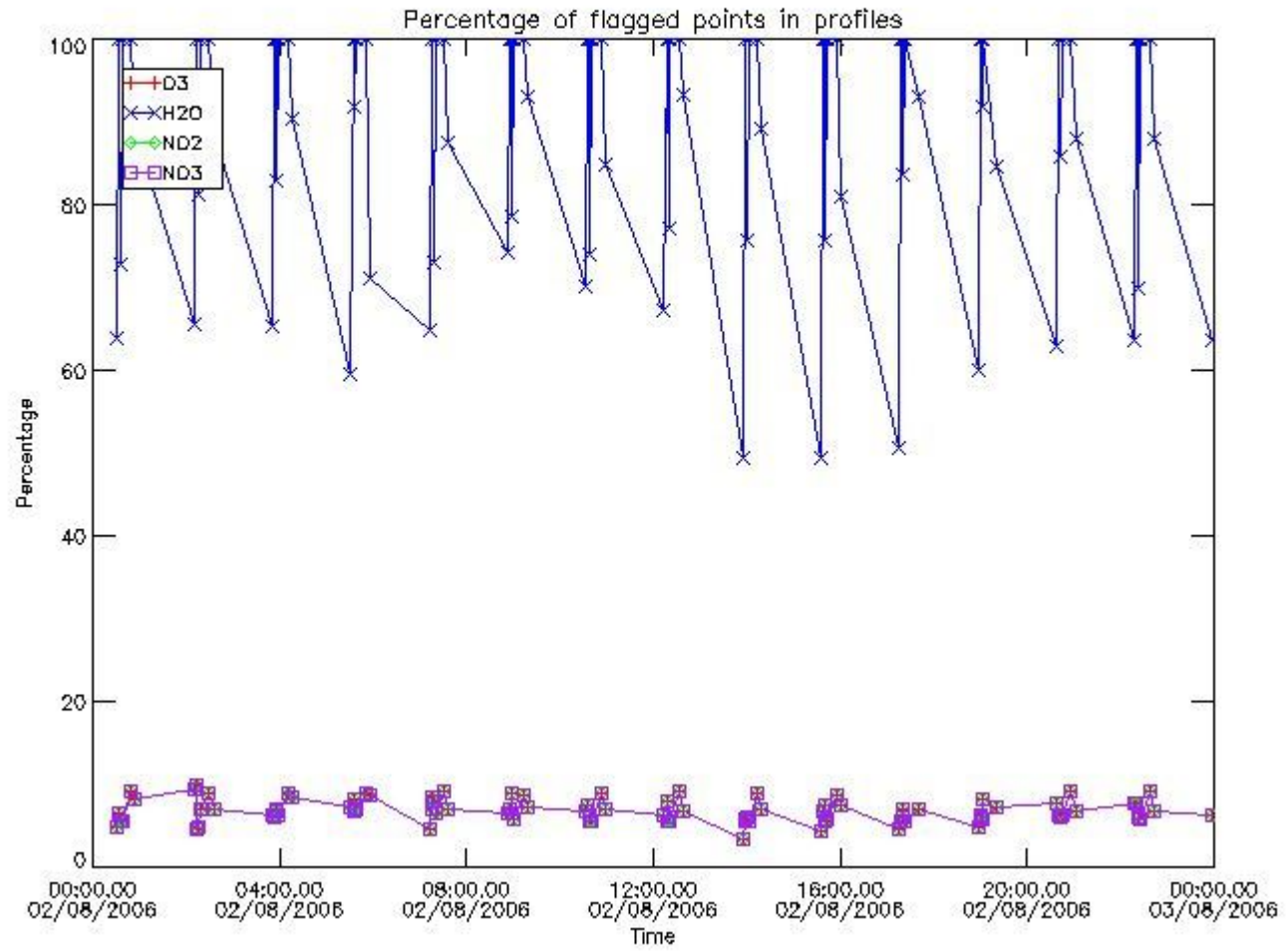
161	GOM_NL__2PRFIN20060802_133054_000000302050_00024_23124_0392.N1	02-AUG-2006 13:30:54	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23124	No
162	GOM_NL__2PRFIN20060802_134335_000000362050_00024_23124_0393.N1	02-AUG-2006 13:43:35	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23124	No
163	GOM_NL__2PRFIN20060802_134602_000000282050_00024_23124_0394.N1	02-AUG-2006 13:46:02	Bright	28.000	107	37The Aur	2.6490	11000.	56	23124	No
164	GOM_NL__2PRFIN20060802_134851_000000352050_00024_23124_0395.N1	02-AUG-2006 13:48:51	Bright	34.500	28	12Bet Tau	1.6500	15200.	69	23124	No
165	GOM_NL__2PRFIN20060802_135057_000000322050_00024_23124_0396.N1	02-AUG-2006 13:50:57	Tw_i_and_stray	32.000	176	23Zet Tau	3.0200	22000.	64	23124	No
166	GOM_NL__2PRFIN20060802_135437_000000472050_00024_23124_0397.N1	02-AUG-2006 13:54:37	Dark	47.000	14	58Alp Ori	0.87000	3000.0	94	23124	No
167	GOM_NL__2PRFIN20060802_135724_000000372050_00024_23124_0398.N1	02-AUG-2006 13:57:24	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	23124	No
168	GOM_NL__2PRFIN20060802_135844_000000352050_00024_23124_0399.N1	02-AUG-2006 13:58:44	Dark	35.000	125	44Iot Ori	2.7700	30000.	70	23124	No
169	GOM_NL__2PRFIN20060802_135955_000000442050_00024_23124_0400.N1	02-AUG-2006 13:59:55	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	23124	No
170	GOM_NL__2PRFIN20060802_140204_000000372050_00024_23124_0401.N1	02-AUG-2006 14:02:04	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23124	No
171	GOM_NL__2PRFIN20060802_141405_000000412050_00025_23125_0382.N1	02-AUG-2006 14:14:05	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23125	No
172	GOM_NL__2PRFIN20060802_141930_000000372050_00025_23125_0383.N1	02-AUG-2006 14:19:30	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23125	No
173	GOM_NL__2PRFIN20060802_142616_000000342050_00025_23125_0384.N1	02-AUG-2006 14:26:16	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23125	No
174	GOM_NL__2PRFIN20060802_142939_000000402050_00025_23125_0385.N1	02-AUG-2006 14:29:39	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	23125	No
175	GOM_NL__2PRFIN20060802_143247_000000382050_00025_23125_0386.N1	02-AUG-2006 14:32:47	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23125	No
176	GOM_NL__2PRFIN20060802_144828_000000322050_00025_23125_0387.N1	02-AUG-2006 14:48:28	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23125	No
177	GOM_NL__2PRFIN20060802_144955_000000292050_00025_23125_0388.N1	02-AUG-2006 14:49:55	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23125	No
178	GOM_NL__2PRFIN20060802_145813_000000342050_00025_23125_0389.N1	02-AUG-2006 14:58:13	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	23125	No
179	GOM_NL__2PRFIN20060802_150007_000000372050_00025_23125_0390.N1	02-AUG-2006 15:00:07	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	23125	No
180	GOM_NL__2PRFIN20060802_150533_000000332050_00025_23125_0391.N1	02-AUG-2006 15:05:33	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	23125	No
181	GOM_NL__2PRFIN20060802_151130_000000302050_00025_23125_0392.N1	02-AUG-2006 15:11:30	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23125	No
182	GOM_NL__2PRFIN20060802_152411_000000362050_00025_23125_0393.N1	02-AUG-2006 15:24:11	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23125	No
183	GOM_NL__2PRFIN20060802_152638_000000472050_00025_23125_0394.N1	02-AUG-2006 15:26:38	Bright	47.000	107	37The Aur	2.6490	11000.	94	23125	No
184	GOM_NL__2PRFIN20060802_152927_000000372050_00025_23125_0395.N1	02-AUG-2006 15:29:27	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	23125	No
185	GOM_NL__2PRFIN20060802_153133_000000372050_00025_23125_0396.N1	02-AUG-2006 15:31:33	Tw_i_and_stray	36.500	176	23Zet Tau	3.0200	22000.	73	23125	No
186	GOM_NL__2PRFIN20060802_153514_000000472050_00025_23125_0397.N1	02-AUG-2006 15:35:14	Dark	47.000	14	58Alp Ori	0.87000	3000.0	94	23125	No
187	GOM_NL__2PRFIN20060802_153801_000000382050_00025_23125_0398.N1	02-AUG-2006 15:38:01	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	23125	No
188	GOM_NL__2PRFIN20060802_153921_000000342050_00025_23125_0399.N1	02-AUG-2006 15:39:21	Dark	34.000	125	44Iot Ori	2.7700	30000.	68	23125	No
189	GOM_NL__2PRFIN20060802_154031_000000462050_00025_23125_0400.N1	02-AUG-2006 15:40:31	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	23125	No
190	GOM_NL__2PRFIN20060802_154240_000000352050_00025_23125_0401.N1	02-AUG-2006 15:42:40	Dark	35.000	101	11Alp Lep	2.5820	7000.0	70	23125	No
191	GOM_NL__2PRFIN20060802_155442_000000422050_00026_23126_0382.N1	02-AUG-2006 15:54:42	Dark	41.500	157	The1Eri	2.9060	9300.0	83	23126	No
192	GOM_NL__2PRFIN20060802_160006_000000352050_00026_23126_0383.N1	02-AUG-2006 16:00:06	Dark	34.500	9	Alp Eri	0.45300	24000.	69	23126	No
193	GOM_NL__2PRFIN20060802_160652_000000342050_00026_23126_0384.N1	02-AUG-2006 16:06:52	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23126	No
194	GOM_NL__2PRFIN20060802_161015_000000442050_00026_23126_0385.N1	02-AUG-2006 16:10:15	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	23126	No
195	GOM_NL__2PRFIN20060802_161323_000000372050_00026_23126_0386.N1	02-AUG-2006 16:13:23	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	23126	No
196	GOM_NL__2PRFIN20060802_162903_000000332050_00026_23126_0387.N1	02-AUG-2006 16:29:03	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23126	No
197	GOM_NL__2PRFIN20060802_163849_000000352050_00026_23126_0388.N1	02-AUG-2006 16:38:49	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23126	No
198	GOM_NL__2PRFIN20060802_164043_000000362050_00026_23126_0389.N1	02-AUG-2006 16:40:43	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23126	No
199	GOM_NL__2PRFIN20060802_164608_000000332050_00026_23126_0390.N1	02-AUG-2006 16:46:08	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	23126	No
200	GOM_NL__2PRFIN20060802_165206_000000302050_00026_23126_0391.N1	02-AUG-2006 16:52:06	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23126	No
201	GOM_NL__2PRFIN20060802_170447_000000372050_00026_23126_0392.N1	02-AUG-2006 17:04:47	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	23126	No
202	GOM_NL__2PRFIN20060802_170714_000000332050_00026_23126_0393.N1	02-AUG-2006 17:07:14	Bright	33.000	107	37The Aur	2.6490	11000.	66	23126	No
203	GOM_NL__2PRFIN20060802_171004_000000392050_00026_23126_0394.N1	02-AUG-2006 17:10:04	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	23126	No
204	GOM_NL__2PRFIN20060802_171209_000000362050_00026_23126_0395.N1	02-AUG-2006 17:12:09	Tw_i_and_stray	35.500	176	23Zet Tau	3.0200	22000.	71	23126	No
205	GOM_NL__2PRFIN20060802_171550_000000442050_00026_23126_0396.N1	02-AUG-2006 17:15:50	Dark	44.000	14	58Alp Ori	0.87000	3000.0	88	23126	No
206	GOM_NL__2PRFIN20060802_171837_000000382050_00026_23126_0397.N1	02-AUG-2006 17:18:37	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	23126	No
207	GOM_NL__2PRFIN20060802_171957_000000342050_00026_23126_0398.N1	02-AUG-2006 17:19:57	Dark	34.000	125	44Iot Ori	2.7700	30000.	68	23126	No
208	GOM_NL__2PRFIN20060802_172108_000000372050_00026_23126_0399.N1	02-AUG-2006 17:21:08	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	23126	No
209	GOM_NL__2PRFIN20060802_172317_000000372050_00026_23126_0400.N1	02-AUG-2006 17:23:17	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23126	No
210	GOM_NL__2PRFIN20060802_174043_000000372050_00027_23127_0382.N1	02-AUG-2006 17:40:43	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23127	No
211	GOM_NL__2PRFIN20060802_174729_000000352050_00027_23127_0383.N1	02-AUG-2006 17:47:29	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23127	No
212	GOM_NL__2PRFIN20060802_175052_000000412050_00027_23127_0384.N1	02-AUG-2006 17:50:52	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23127	No
213	GOM_NL__2PRFIN20060802_175400_000000372050_00027_23127_0385.N1	02-AUG-2006 17:54:00	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	23127	No
214	GOM_NL__2PRFIN20060802_180939_000000322050_00027_23127_0386.N1	02-AUG-2006 18:09:39	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23127	No
215	GOM_NL__2PRFIN20060802_181924_000000342050_00027_23127_0387.N1	02-AUG-2006 18:19:24	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	23127	No
216	GOM_NL__2PRFIN20060802_182118_000000542050_00027_23127_0388.N1	02-AUG-2006 18:21:18	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	23127	No
217	GOM_NL__2PRFIN20060802_182644_000000342050_00027_23127_0389.N1	02-AUG-2006 18:26:44	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23127	No
218	GOM_NL__2PRFIN20060802_183242_000000302050_00027_23127_0390.N1	02-AUG-2006 18:32:42	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23127	No
219	GOM_NL__2PRFIN20060802_184523_000000362050_00027_23127_0391.N1	02-AUG-2006 18:45:23	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	23127	No

220	GOM_NL__2PRFIN20060802_184750_000000302050_00027_23127_0392.N1	02-AUG-2006 18:47:50	Bright	30.000	107	37The Aur	2.6490	11000.	60	23127	No
221	GOM_NL__2PRFIN20060802_185040_000000382050_00027_23127_0393.N1	02-AUG-2006 18:50:40	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	23127	No
222	GOM_NL__2PRFIN20060802_185245_000000382050_00027_23127_0394.N1	02-AUG-2006 18:52:45	Tw_i_and_stray	37.500	176	23Zet Tau	3.0200	22000.	75	23127	No
223	GOM_NL__2PRFIN20060802_185626_000000432050_00027_23127_0395.N1	02-AUG-2006 18:56:26	Dark	43.000	14	58Alp Ori	0.87000	3000.0	86	23127	No
224	GOM_NL__2PRFIN20060802_185913_000000342050_00027_23127_0396.N1	02-AUG-2006 18:59:13	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	23127	No
225	GOM_NL__2PRFIN20060802_190033_000000332050_00027_23127_0397.N1	02-AUG-2006 19:00:33	Dark	33.000	125	44Iot Ori	2.7700	30000.	66	23127	No
226	GOM_NL__2PRFIN20060802_190144_000000372050_00027_23127_0398.N1	02-AUG-2006 19:01:44	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	23127	No
227	GOM_NL__2PRFIN20060802_190353_000000362050_00027_23127_0399.N1	02-AUG-2006 19:03:53	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	23127	No
228	GOM_NL__2PRFIN20060802_192120_000000362050_00028_23128_0382.N1	02-AUG-2006 19:21:20	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23128	No
229	GOM_NL__2PRFIN20060802_192805_000000342050_00028_23128_0383.N1	02-AUG-2006 19:28:05	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23128	No
230	GOM_NL__2PRFIN20060802_193128_000000362050_00028_23128_0384.N1	02-AUG-2006 19:31:28	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23128	No
231	GOM_NL__2PRFIN20060802_193436_000000382050_00028_23128_0385.N1	02-AUG-2006 19:34:36	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	23128	No
232	GOM_NL__2PRFIN20060802_195015_000000322050_00028_23128_0386.N1	02-AUG-2006 19:50:15	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23128	No
233	GOM_NL__2PRFIN20060802_200000_000000352050_00028_23128_0387.N1	02-AUG-2006 20:00:00	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23128	No
234	GOM_NL__2PRFIN20060802_200154_000000362050_00028_23128_0388.N1	02-AUG-2006 20:01:54	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23128	No
235	GOM_NL__2PRFIN20060802_200719_000000342050_00028_23128_0389.N1	02-AUG-2006 20:07:19	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	23128	No
236	GOM_NL__2PRFIN20060802_201318_000000302050_00028_23128_0390.N1	02-AUG-2006 20:13:18	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23128	No
237	GOM_NL__2PRFIN20060802_202558_000000382050_00028_23128_0391.N1	02-AUG-2006 20:25:58	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	23128	No
238	GOM_NL__2PRFIN20060802_202826_000000302050_00028_23128_0392.N1	02-AUG-2006 20:28:26	Bright	30.000	107	37The Aur	2.6490	11000.	60	23128	No
239	GOM_NL__2PRFIN20060802_203116_000000372050_00028_23128_0393.N1	02-AUG-2006 20:31:16	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	23128	No
240	GOM_NL__2PRFIN20060802_203321_000000362050_00028_23128_0394.N1	02-AUG-2006 20:33:21	Tw_i_and_stray	36.000	176	23Zet Tau	3.0200	22000.	72	23128	No
241	GOM_NL__2PRFIN20060802_203702_000000402050_00028_23128_0395.N1	02-AUG-2006 20:37:02	Dark	39.500	14	58Alp Ori	0.87000	3000.0	79	23128	No
242	GOM_NL__2PRFIN20060802_203950_000000342050_00028_23128_0396.N1	02-AUG-2006 20:39:50	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	23128	No
243	GOM_NL__2PRFIN20060802_204110_000000332050_00028_23128_0397.N1	02-AUG-2006 20:41:10	Dark	33.000	125	44Iot Ori	2.7700	30000.	66	23128	No
244	GOM_NL__2PRFIN20060802_204220_000000432050_00028_23128_0398.N1	02-AUG-2006 20:42:20	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	23128	No
245	GOM_NL__2PRFIN20060802_204430_000000332050_00028_23128_0399.N1	02-AUG-2006 20:44:30	Dark	33.000	101	11Alp Lep	2.5820	7000.0	66	23128	No
246	GOM_NL__2PRFIN20060802_205633_000000402050_00029_23129_0382.N1	02-AUG-2006 20:56:33	Dark	39.500	157	The1Eri	2.9060	9300.0	79	23129	No
247	GOM_NL__2PRFIN20060802_210157_000000382050_00029_23129_0383.N1	02-AUG-2006 21:01:57	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23129	No
248	GOM_NL__2PRFIN20060802_210841_000000332050_00029_23129_0384.N1	02-AUG-2006 21:08:41	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23129	No
249	GOM_NL__2PRFIN20060802_211205_000000462050_00029_23129_0385.N1	02-AUG-2006 21:12:05	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	23129	No
250	GOM_NL__2PRFIN20060802_211512_000000372050_00029_23129_0386.N1	02-AUG-2006 21:15:12	Straylight	36.500	172	Gam Gru	3.0030	13100.	73	23129	No
251	GOM_NL__2PRFIN20060802_213051_000000322050_00029_23129_0387.N1	02-AUG-2006 21:30:51	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23129	No
252	GOM_NL__2PRFIN20060802_214035_000000322050_00029_23129_0388.N1	02-AUG-2006 21:40:35	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23129	No
253	GOM_NL__2PRFIN20060802_214229_000000362050_00029_23129_0389.N1	02-AUG-2006 21:42:29	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23129	No
254	GOM_NL__2PRFIN20060802_214755_000000342050_00029_23129_0390.N1	02-AUG-2006 21:47:55	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23129	No
255	GOM_NL__2PRFIN20060802_215353_000000302050_00029_23129_0391.N1	02-AUG-2006 21:53:53	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23129	No
256	GOM_NL__2PRFIN20060802_220634_000000382050_00029_23129_0392.N1	02-AUG-2006 22:06:34	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	23129	No
257	GOM_NL__2PRFIN20060802_220902_000000402050_00029_23129_0393.N1	02-AUG-2006 22:09:02	Bright	39.500	107	37The Aur	2.6490	11000.	79	23129	No
258	GOM_NL__2PRFIN20060802_221152_000000392050_00029_23129_0394.N1	02-AUG-2006 22:11:52	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	23129	No
259	GOM_NL__2PRFIN20060802_221357_000000362050_00029_23129_0395.N1	02-AUG-2006 22:13:57	Tw_i_and_stray	36.000	176	23Zet Tau	3.0200	22000.	72	23129	No
260	GOM_NL__2PRFIN20060802_221738_000000342050_00029_23129_0396.N1	02-AUG-2006 22:17:38	Dark	33.500	14	58Alp Ori	0.87000	3000.0	67	23129	No
261	GOM_NL__2PRFIN20060802_222026_000000342050_00029_23129_0397.N1	02-AUG-2006 22:20:26	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	23129	No
262	GOM_NL__2PRFIN20060802_222146_000000322050_00029_23129_0398.N1	02-AUG-2006 22:21:46	Dark	31.500	125	44Iot Ori	2.7700	30000.	63	23129	No
263	GOM_NL__2PRFIN20060802_222257_000000442050_00029_23129_0399.N1	02-AUG-2006 22:22:57	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	23129	No
264	GOM_NL__2PRFIN20060802_222506_000000352050_00029_23129_0400.N1	02-AUG-2006 22:25:06	Dark	35.000	101	11Alp Lep	2.5820	7000.0	70	23129	No
265	GOM_NL__2PRFIN20060802_223710_000000392050_00030_23130_0382.N1	02-AUG-2006 22:37:10	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23130	No
266	GOM_NL__2PRFIN20060802_224233_000000382050_00030_23130_0383.N1	02-AUG-2006 22:42:33	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23130	No
267	GOM_NL__2PRFIN20060802_224918_000000342050_00030_23130_0384.N1	02-AUG-2006 22:49:18	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23130	No
268	GOM_NL__2PRFIN20060802_225241_000000442050_00030_23130_0385.N1	02-AUG-2006 22:52:41	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	23130	No
269	GOM_NL__2PRFIN20060802_225549_000000382050_00030_23130_0386.N1	02-AUG-2006 22:55:49	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23130	No
270	GOM_NL__2PRFIN20060802_231127_000000322050_00030_23130_0387.N1	02-AUG-2006 23:11:27	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23130	No
271	GOM_NL__2PRFIN20060802_232111_000000312050_00030_23130_0388.N1	02-AUG-2006 23:21:11	Bright	30.500	66	37Gam Cyg	2.2080	5900.0	61	23130	No
272	GOM_NL__2PRFIN20060802_232305_000000362050_00030_23130_0389.N1	02-AUG-2006 23:23:05	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23130	No
273	GOM_NL__2PRFIN20060802_232830_000000342050_00030_23130_0390.N1	02-AUG-2006 23:28:30	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23130	No
274	GOM_NL__2PRFIN20060802_233429_000000272050_00030_23130_0391.N1	02-AUG-2006 23:34:29	Bright	27.000	49	1Alp UMi	1.9900	6300.0	54	23130	No
275	GOM_NL__2PRFIN20060802_234710_000000382050_00030_23130_0392.N1	02-AUG-2006 23:47:10	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	23130	No
276	GOM_NL__2PRFIN20060802_234938_000000292050_00030_23130_0393.N1	02-AUG-2006 23:49:38	Bright	28.500	107	37The Aur	2.6490	11000.	57	23130	No
277	GOM_NL__2PRFIN20060802_235228_000000402050_00030_23130_0394.N1	02-AUG-2006 23:52:28	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	23130	No
278	GOM_NL__2PRFIN20060802_235434_000000342050_00030_23130_0395.N1	02-AUG-2006 23:54:34	Tw_i_and_stray	34.000	176	23Zet Tau	3.0200	22000.	68	23130	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.

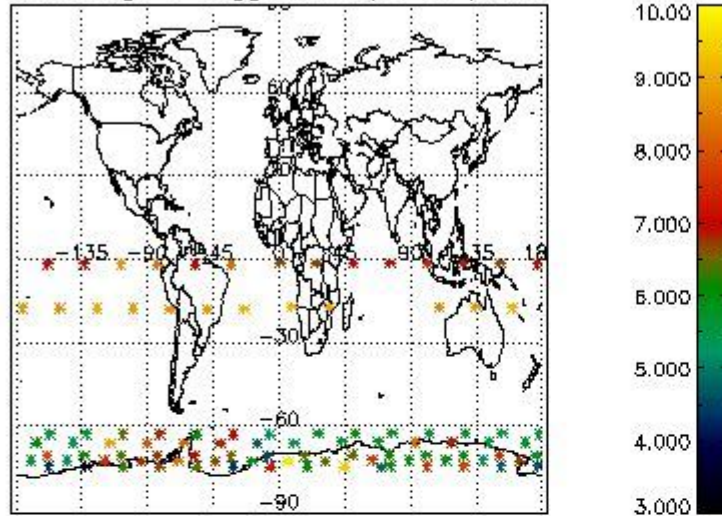
#### 3.1 Plot quality information per product (time dependant)



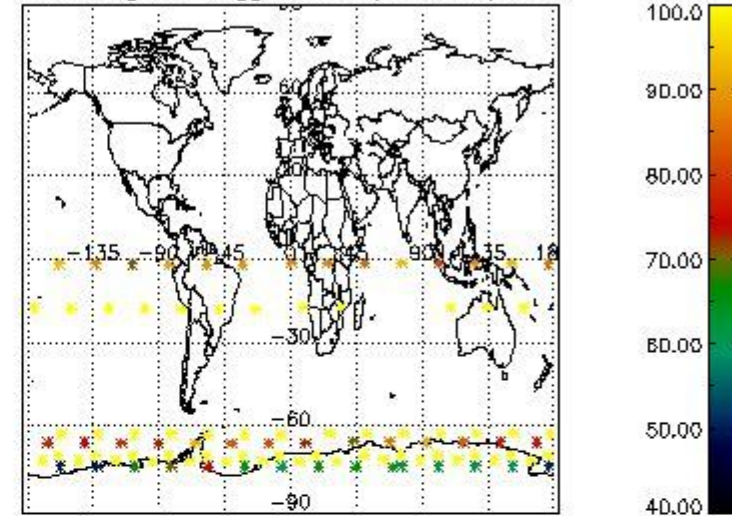
#### 3.2 Plot quality information per product (world map)



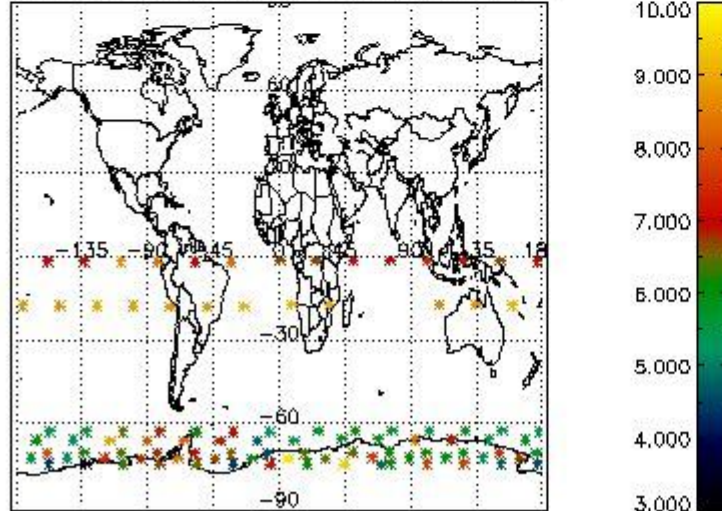
Percentage of flagged data per O3 profile



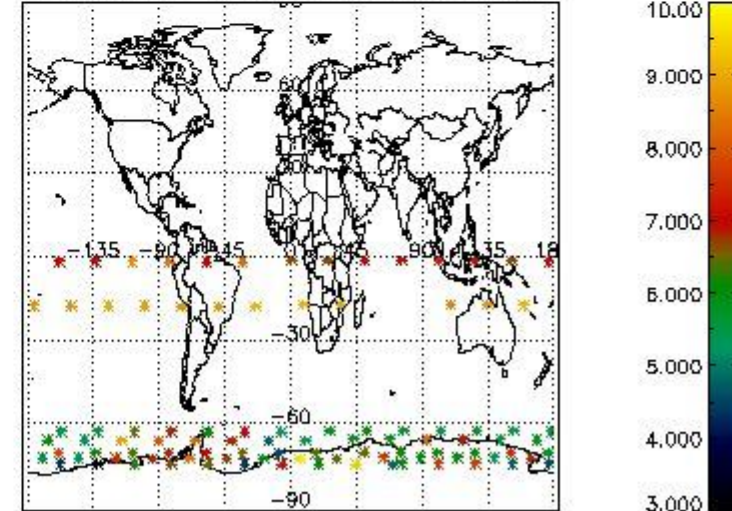
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



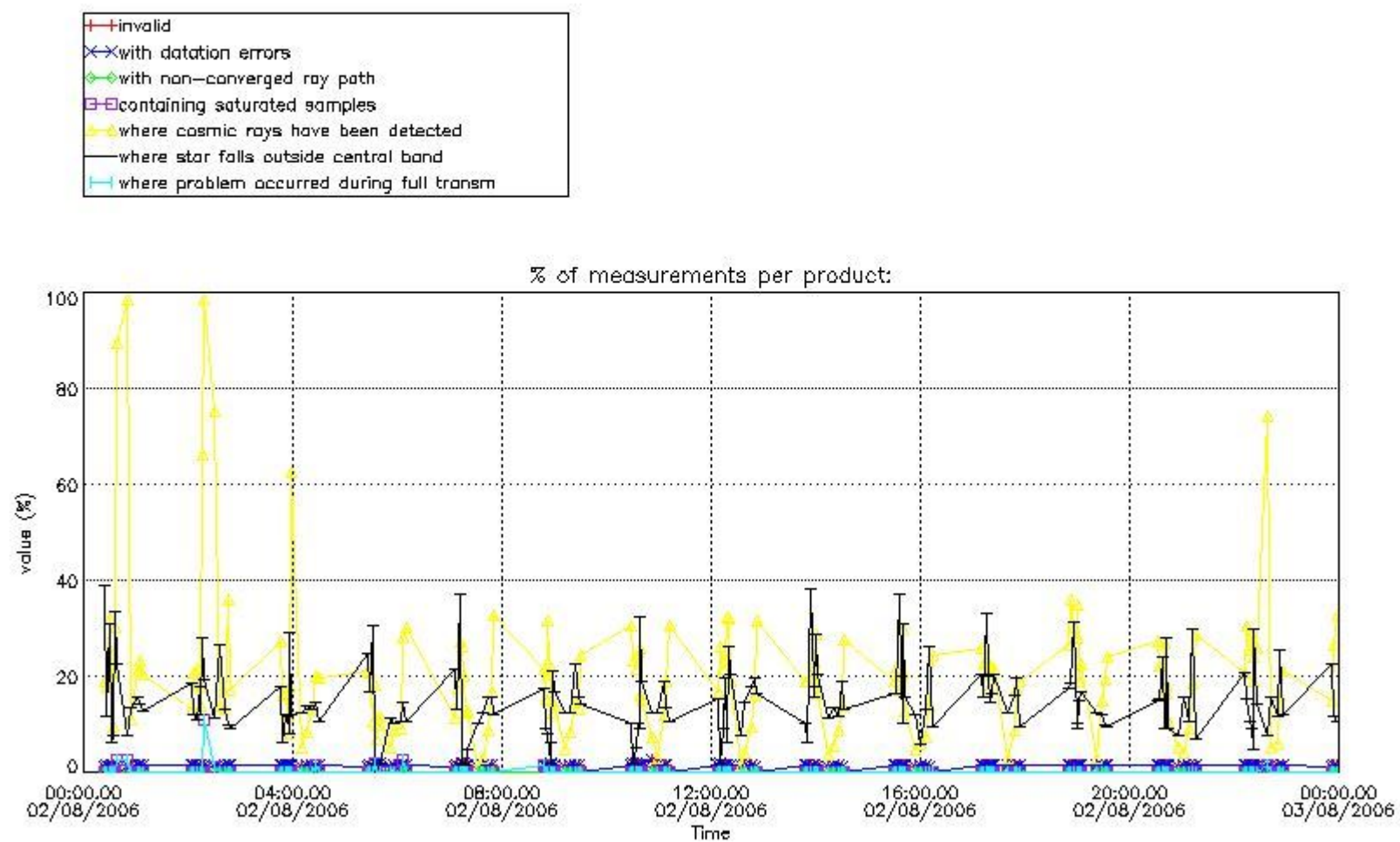
#### 4. Level 1 quality information per product

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.

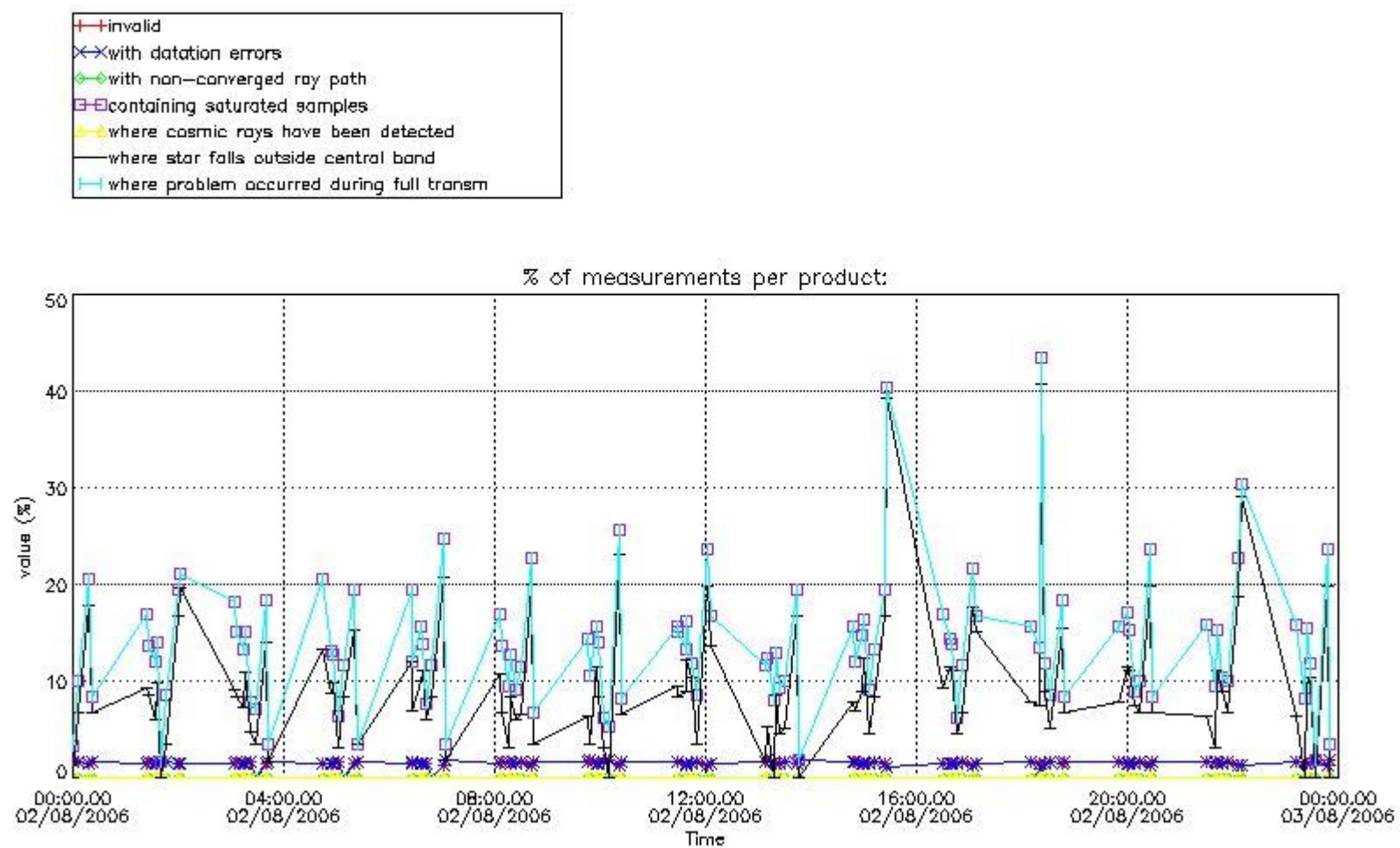
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



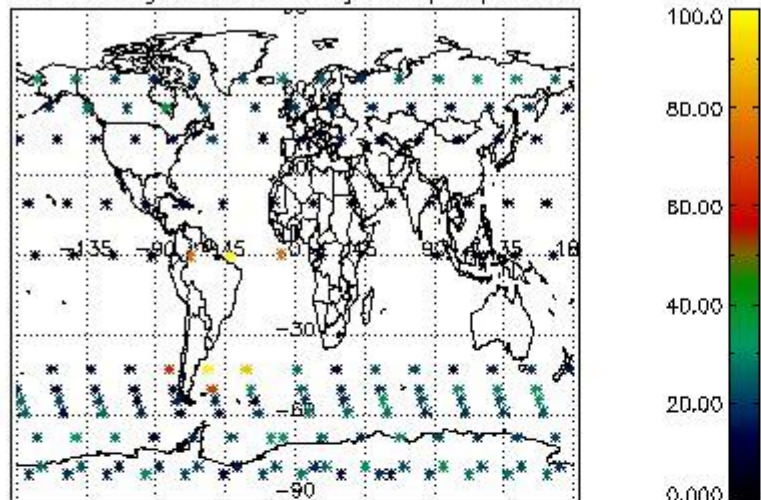


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

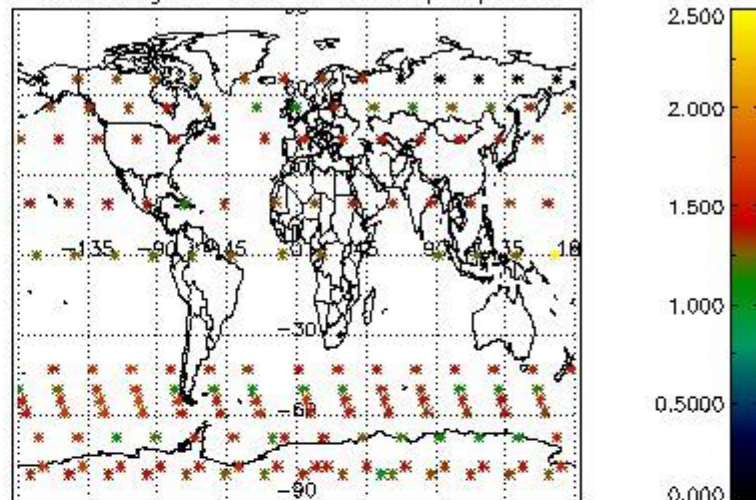


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

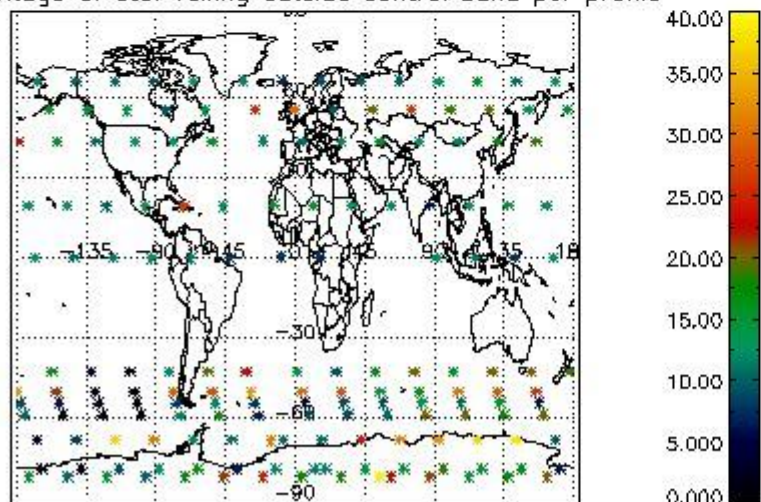
Percentage of cosmic ray hits per profile



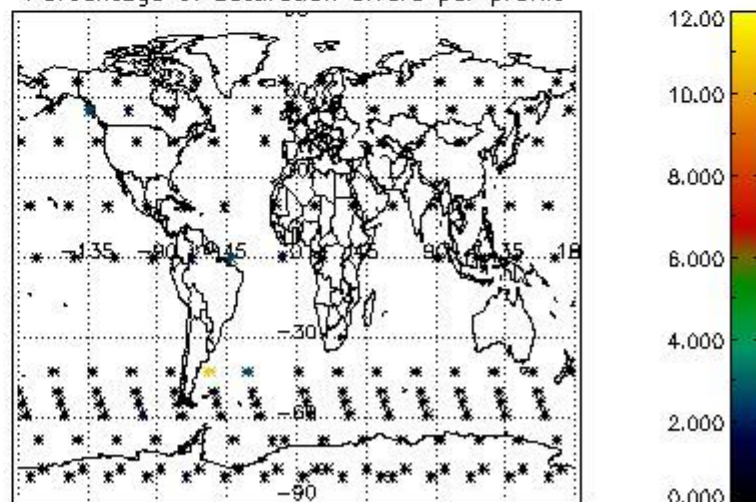
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

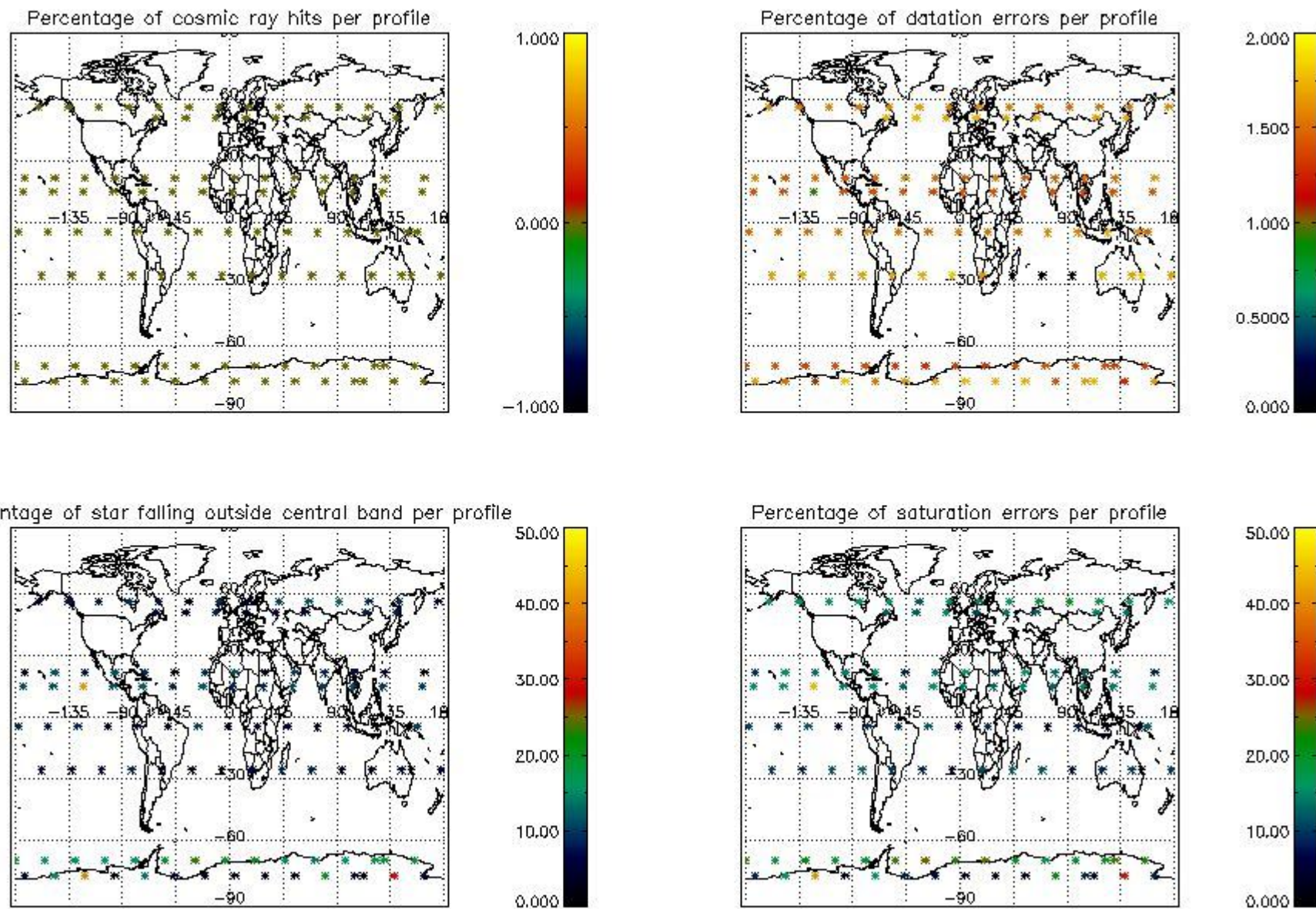


Percentage of saturation errors per profile



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

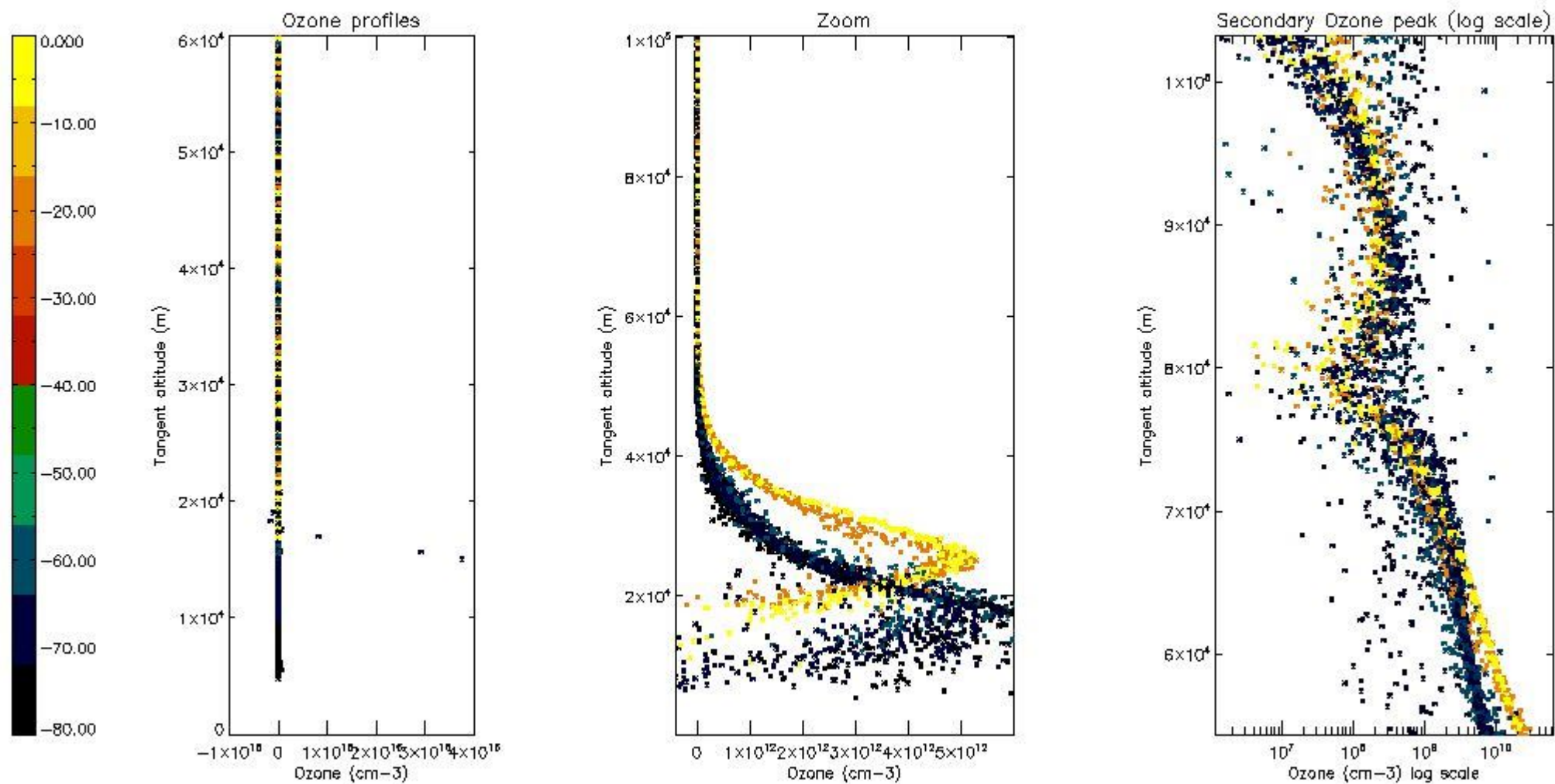
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	23

STD < 10	18
STD < 5	13

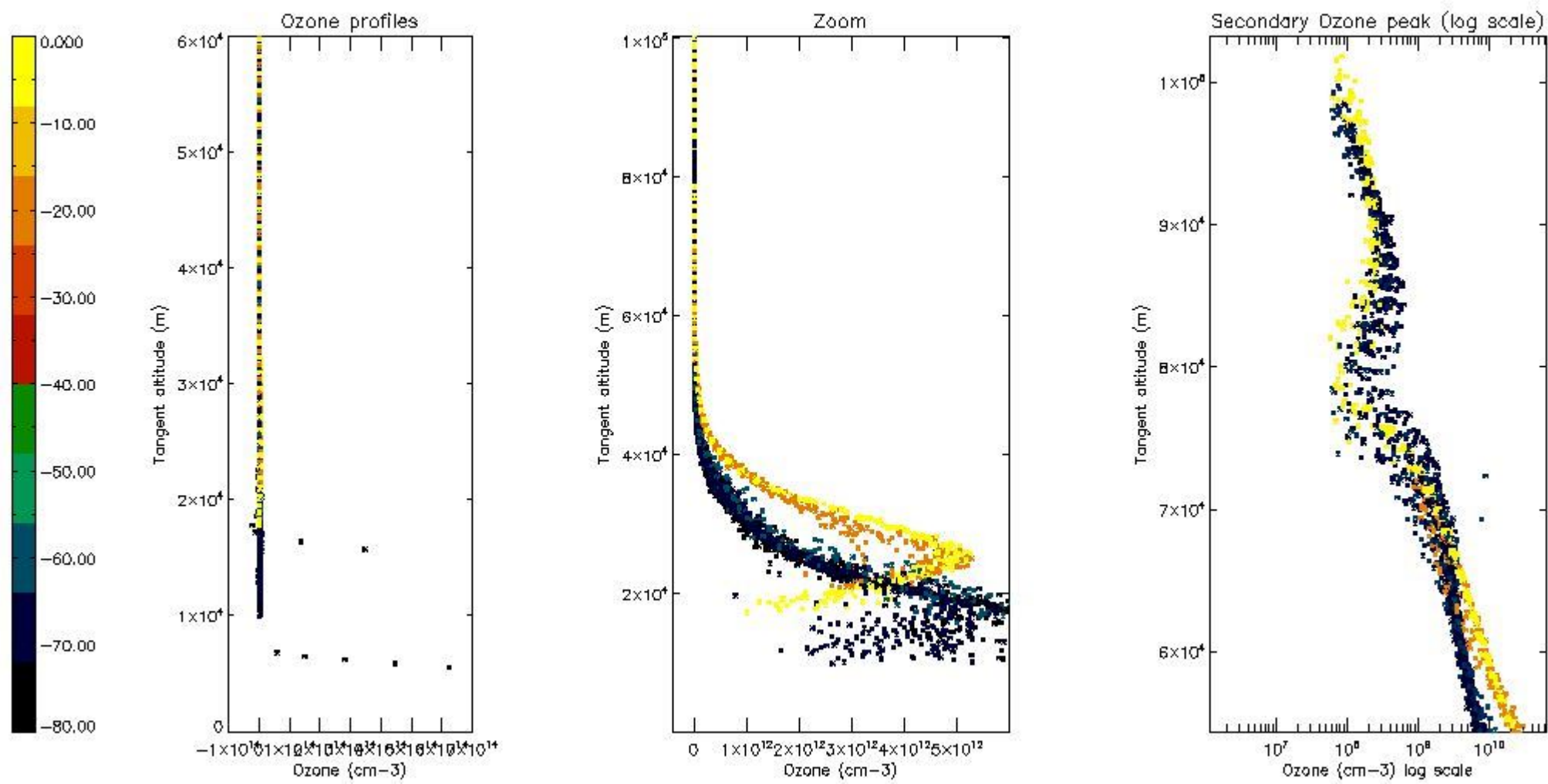
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

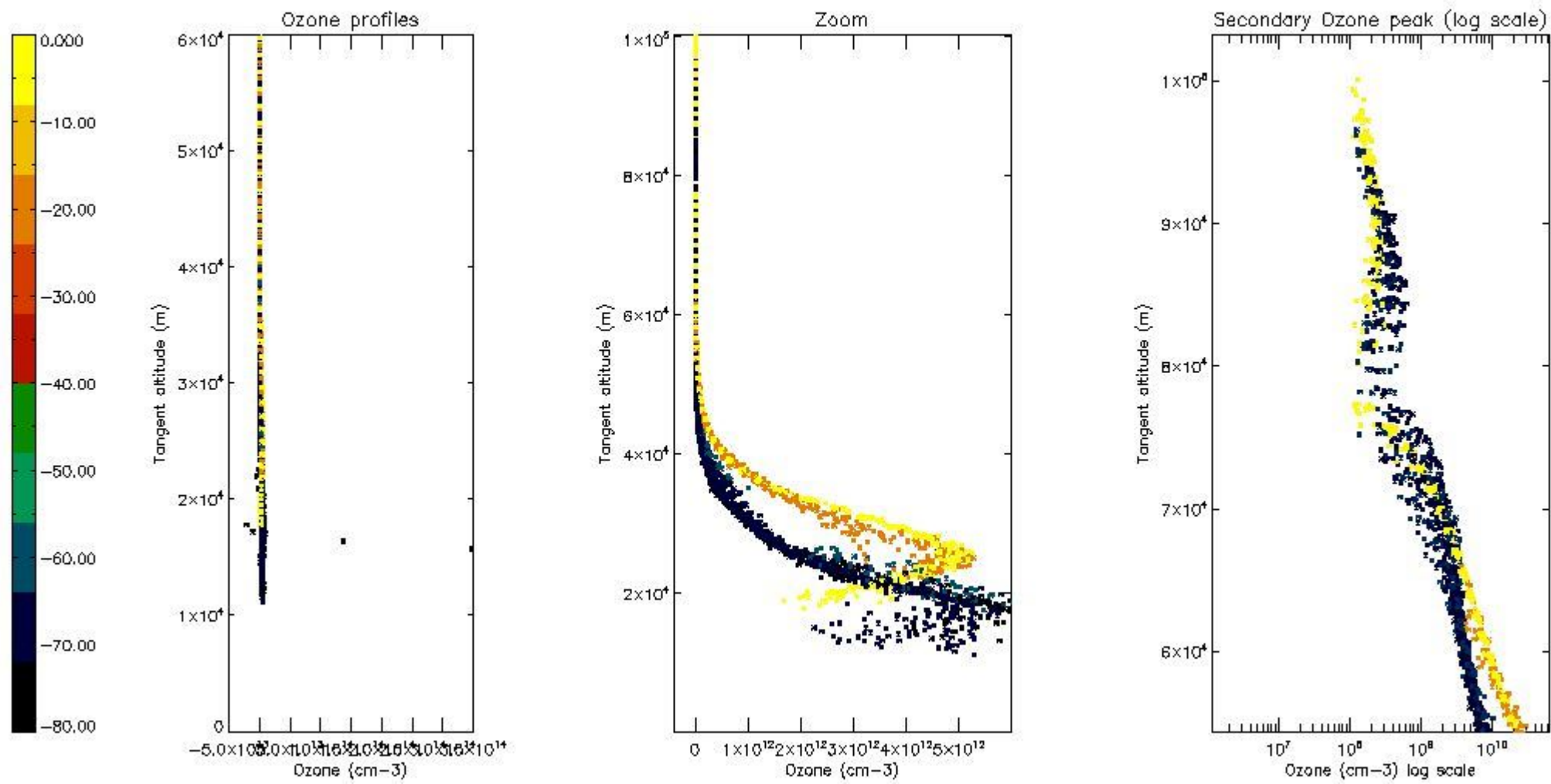
The colorbar represents the latitude.



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

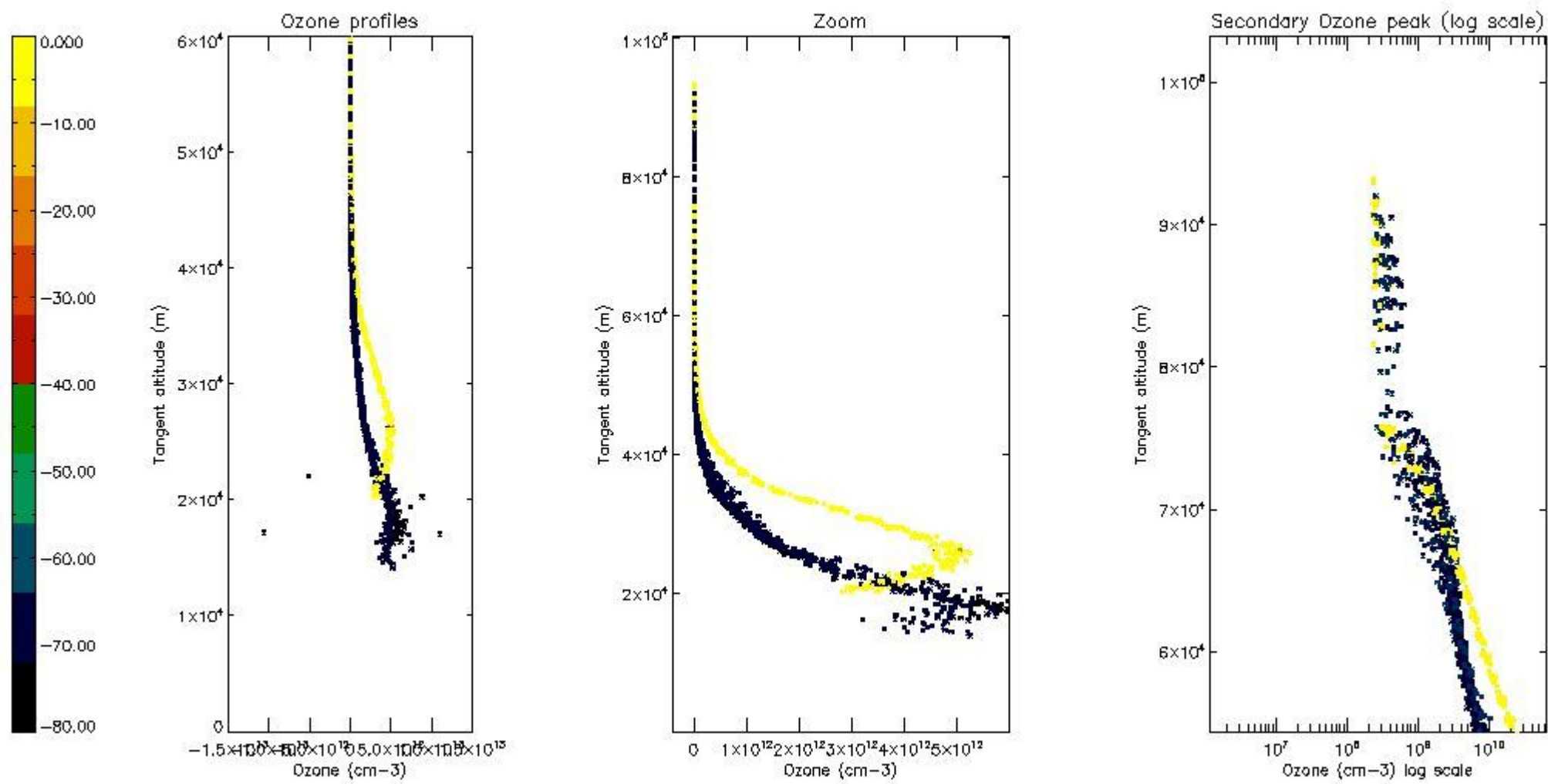
The colorbar represents the latitude.





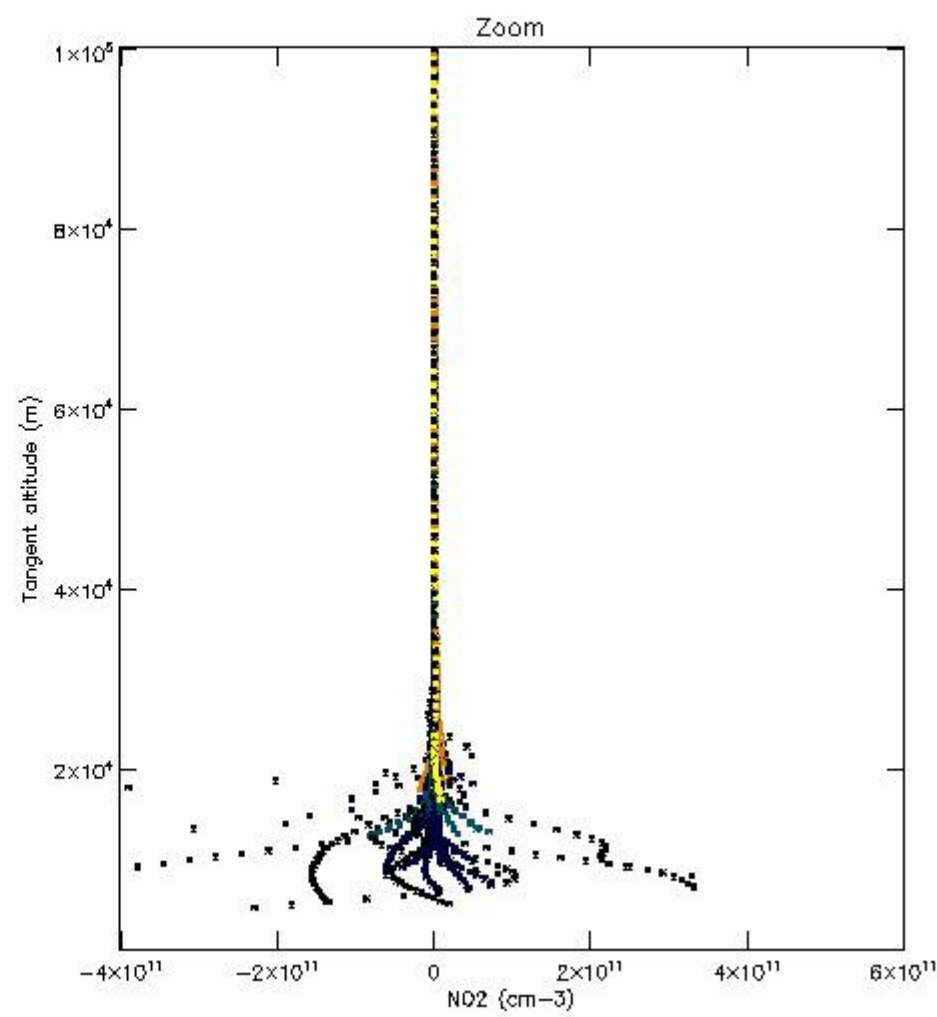
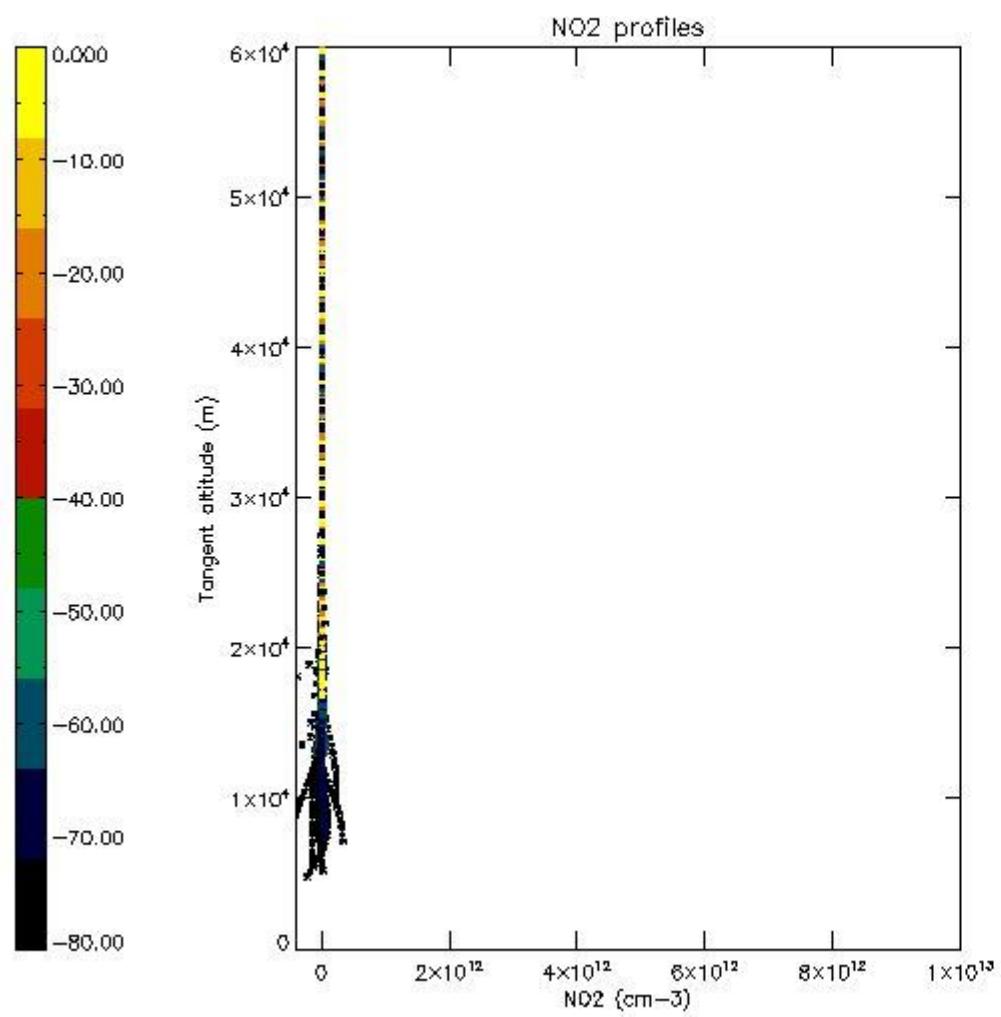
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

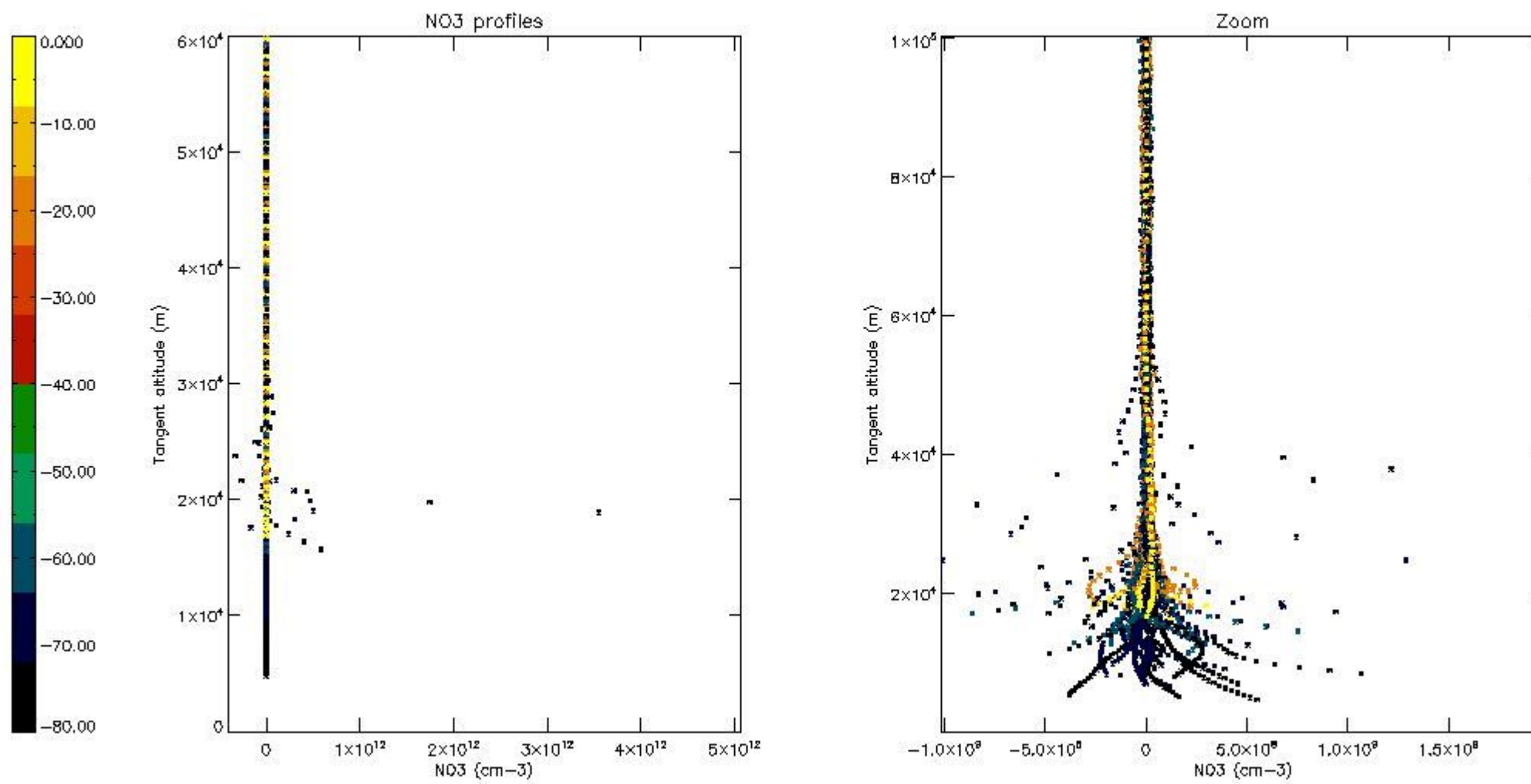
The colorbar represents the latitude.



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

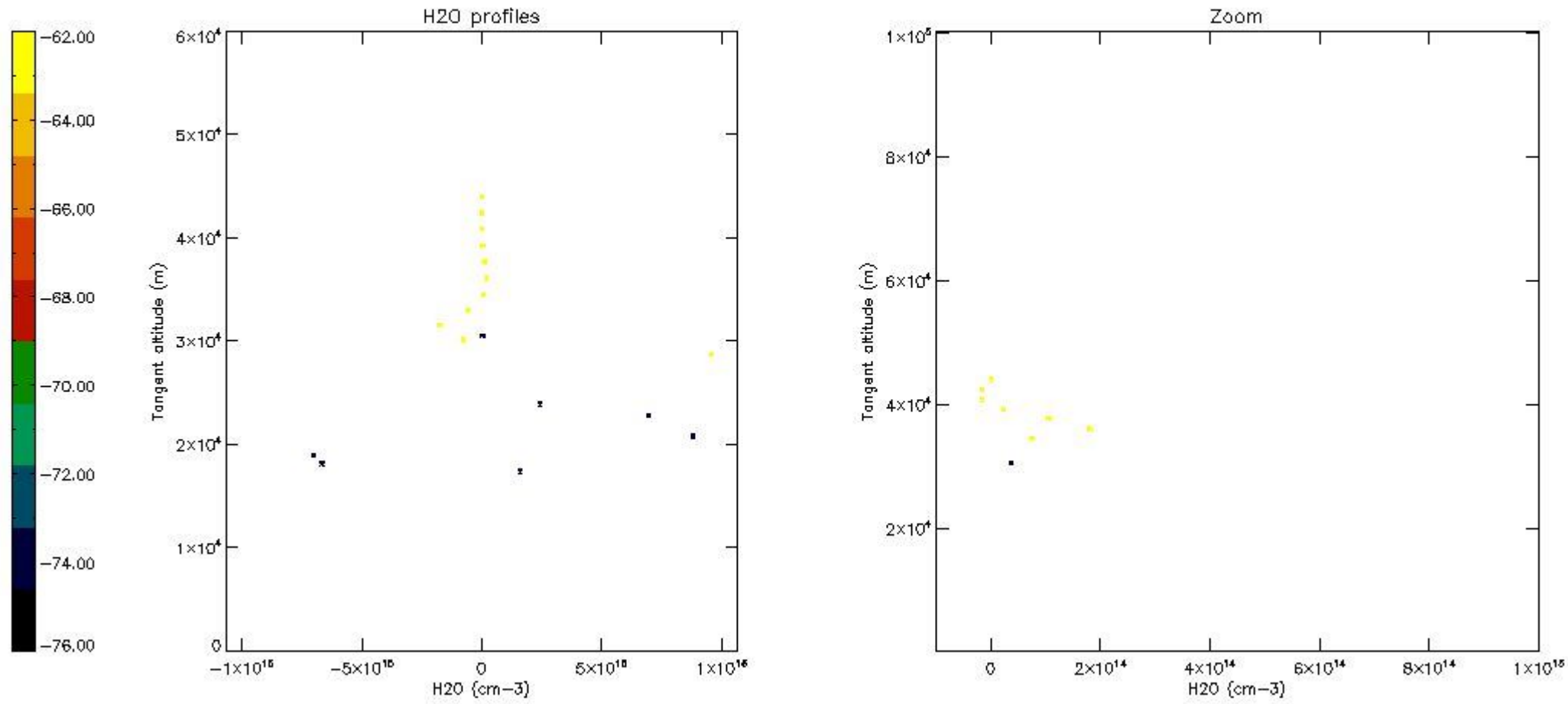
The colorbar represents the latitude.





*5.8 Plot H<sub>2</sub>O 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	02-AUG-2006 00:00:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2006 00:00:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2006 00:00:13

# 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	24APR2013 02:53:07
Data source version	GOMOS/6.01
Start time of products	02-08-2006 (02AUG2006 00:00:00)
Stop time of products	03-08-2006 (03AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	279
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060802_000013_000000312050_00016_23116_0369.N1	02-AUG-2006 00:00:13	Bright	30.500	89	5Alp Cep	2.4510	8000.0	61	23116	No
2	GOM_NL__2PRFIN20060802_000607_000000302050_00016_23116_0370.N1	02-AUG-2006 00:06:07	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23116	No
3	GOM_NL__2PRFIN20060802_001847_000000372050_00016_23116_0371.N1	02-AUG-2006 00:18:47	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	23116	No
4	GOM_NL__2PRFIN20060802_002113_000000302050_00016_23116_0372.N1	02-AUG-2006 00:21:13	Bright	30.000	107	37The Aur	2.6490	11000.	60	23116	No
5	GOM_NL__2PRFIN20060802_002403_000000502050_00016_23116_0373.N1	02-AUG-2006 00:24:03	Bright	50.000	28	12Bet Tau	1.6500	15200.	100	23116	No
6	GOM_NL__2PRFIN20060802_002608_000000342050_00016_23116_0374.N1	02-AUG-2006 00:26:08	Twilight	34.000	176	23Zet Tau	3.0200	22000.	68	23116	No
7	GOM_NL__2PRFIN20060802_002948_000000422050_00016_23116_0375.N1	02-AUG-2006 00:29:48	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	23116	No
8	GOM_NL__2PRFIN20060802_003234_000000322050_00016_23116_0376.N1	02-AUG-2006 00:32:34	Dark	31.500	30	46Eps Ori	1.6940	30000.	63	23116	No
9	GOM_NL__2PRFIN20060802_003354_000000322050_00016_23116_0377.N1	02-AUG-2006 00:33:54	Dark	32.000	125	44Iot Ori	2.7700	30000.	64	23116	No
10	GOM_NL__2PRFIN20060802_003504_000000472050_00016_23116_0378.N1	02-AUG-2006 00:35:04	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	23116	No
11	GOM_NL__2PRFIN20060802_003714_000000382050_00016_23116_0379.N1	02-AUG-2006 00:37:14	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	23116	No
12	GOM_NL__2PRFIN20060802_004910_000000392050_00017_23117_0380.N1	02-AUG-2006 00:49:10	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23117	No
13	GOM_NL__2PRFIN20060802_005437_000000372050_00017_23117_0362.N1	02-AUG-2006 00:54:37	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23117	No
14	GOM_NL__2PRFIN20060802_010125_000000362050_00017_23117_0363.N1	02-AUG-2006 01:01:25	Straylight	35.500	148	Alp Tuc	2.8780	4100.0	71	23117	No
15	GOM_NL__2PRFIN20060802_010447_000000392050_00017_23117_0364.N1	02-AUG-2006 01:04:47	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23117	No
16	GOM_NL__2PRFIN20060802_010756_000000392050_00017_23117_0365.N1	02-AUG-2006 01:07:56	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23117	No
17	GOM_NL__2PRFIN20060802_012341_000000332050_00017_23117_0366.N1	02-AUG-2006 01:23:41	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23117	No
18	GOM_NL__2PRFIN20060802_012507_000000302050_00017_23117_0367.N1	02-AUG-2006 01:25:07	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23117	No
19	GOM_NL__2PRFIN20060802_013328_000000342050_00017_23117_0368.N1	02-AUG-2006 01:33:28	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	23117	No
20	GOM_NL__2PRFIN20060802_013524_000000362050_00017_23117_0369.N1	02-AUG-2006 01:35:24	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23117	No
21	GOM_NL__2PRFIN20060802_014049_000000292050_00017_23117_0370.N1	02-AUG-2006 01:40:49	Bright	29.000	89	5Alp Cep	2.4510	8000.0	58	23117	No
22	GOM_NL__2PRFIN20060802_014642_000000292050_00017_23117_0371.N1	02-AUG-2006 01:46:42	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23117	No
23	GOM_NL__2PRFIN20060802_015923_000000362050_00017_23117_0372.N1	02-AUG-2006 01:59:23	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23117	No
24	GOM_NL__2PRFIN20060802_020149_000000362050_00017_23117_0373.N1	02-AUG-2006 02:01:49	Bright	35.500	107	37The Aur	2.6490	11000.	71	23117	No
25	GOM_NL__2PRFIN20060802_020439_000000382050_00017_23117_0374.N1	02-AUG-2006 02:04:39	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	23117	No
26	GOM_NL__2PRFIN20060802_020644_000000342050_00017_23117_0375.N1	02-AUG-2006 02:06:44	Twilight	33.500	176	23Zet Tau	3.0200	22000.	67	23117	No
27	GOM_NL__2PRFIN20060802_021024_000000332050_00017_23117_0376.N1	02-AUG-2006 02:10:24	Dark	32.500	14	58Alp Ori	0.87000	3000.0	65	23117	No
28	GOM_NL__2PRFIN20060802_021310_000000372050_00017_23117_0377.N1	02-AUG-2006 02:13:10	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	23117	No
29	GOM_NL__2PRFIN20060802_021431_000000342050_00017_23117_0378.N1	02-AUG-2006 02:14:31	Dark	33.500	125	44Iot Ori	2.7700	30000.	67	23117	No
30	GOM_NL__2PRFIN20060802_021540_000000432050_00017_23117_0379.N1	02-AUG-2006 02:15:40	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	23117	No
31	GOM_NL__2PRFIN20060802_021750_000000372050_00017_23117_0380.N1	02-AUG-2006 02:17:50	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	23117	No
32	GOM_NL__2PRFIN20060802_022946_000000412050_00018_23118_0381.N1	02-AUG-2006 02:29:46	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23118	No
33	GOM_NL__2PRFIN20060802_023514_000000442050_00018_23118_0362.N1	02-AUG-2006 02:35:14	Dark	43.500	9	Alp Eri	0.45300	24000.	87	23118	No
34	GOM_NL__2PRFIN20060802_024201_000000352050_00018_23118_0363.N1	02-AUG-2006 02:42:01	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23118	No
35	GOM_NL__2PRFIN20060802_024524_000000362050_00018_23118_0364.N1	02-AUG-2006 02:45:24	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23118	No
36	GOM_NL__2PRFIN20060802_024832_000000382050_00018_23118_0365.N1	02-AUG-2006 02:48:32	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23118	No
37	GOM_NL__2PRFIN20060802_030416_000000332050_00018_23118_0366.N1	02-AUG-2006 03:04:16	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23118	No
38	GOM_NL__2PRFIN20060802_030543_000000302050_00018_23118_0367.N1	02-AUG-2006 03:05:43	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23118	No
39	GOM_NL__2PRFIN20060802_031404_000000342050_00018_23118_0368.N1	02-AUG-2006 03:14:04	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	23118	No
40	GOM_NL__2PRFIN20060802_031559_000000372050_00018_23118_0369.N1	02-AUG-2006 03:15:59	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	23118	No
41	GOM_NL__2PRFIN20060802_032124_000000322050_00018_23118_0370.N1	02-AUG-2006 03:21:24	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	23118	No
42	GOM_NL__2PRFIN20060802_032718_000000292050_00018_23118_0371.N1	02-AUG-2006 03:27:18	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23118	No

43	GOM_NL__2PRFIN20060802_033959_000000362050_00018_23118_0372.N1	02-AUG-2006 03:39:59	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	23118	No
44	GOM_NL__2PRFIN20060802_034226_000000292050_00018_23118_0373.N1	02-AUG-2006 03:42:26	Bright	29.000	107	37The Aur	2.6490	11000.	58	23118	No
45	GOM_NL__2PRFIN20060802_034515_000000372050_00018_23118_0374.N1	02-AUG-2006 03:45:15	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	23118	No
46	GOM_NL__2PRFIN20060802_034720_000000322050_00018_23118_0375.N1	02-AUG-2006 03:47:20	Twilight	31.500	176	23Zet Tau	3.0200	22000.	63	23118	No
47	GOM_NL__2PRFIN20060802_035100_000000342050_00018_23118_0376.N1	02-AUG-2006 03:51:00	Dark	33.500	14	58Alp Ori	0.87000	3000.0	67	23118	No
48	GOM_NL__2PRFIN20060802_035347_000000342050_00018_23118_0377.N1	02-AUG-2006 03:53:47	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	23118	No
49	GOM_NL__2PRFIN20060802_035507_000000312050_00018_23118_0378.N1	02-AUG-2006 03:55:07	Dark	31.000	125	44Iot Ori	2.7700	30000.	62	23118	No
50	GOM_NL__2PRFIN20060802_035616_000000452050_00018_23118_0379.N1	02-AUG-2006 03:56:16	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	23118	No
51	GOM_NL__2PRFIN20060802_035826_000000342050_00018_23118_0380.N1	02-AUG-2006 03:58:26	Dark	33.500	101	11Alp Lep	2.5820	7000.0	67	23118	No
52	GOM_NL__2PRFIN20060802_041024_000000412050_00019_23119_0381.N1	02-AUG-2006 04:10:24	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23119	No
53	GOM_NL__2PRFIN20060802_041550_000000372050_00019_23119_0382.N1	02-AUG-2006 04:15:50	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23119	No
54	GOM_NL__2PRFIN20060802_042238_000000352050_00019_23119_0383.N1	02-AUG-2006 04:22:38	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23119	No
55	GOM_NL__2PRFIN20060802_042600_000000382050_00019_23119_0384.N1	02-AUG-2006 04:26:00	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23119	No
56	GOM_NL__2PRFIN20060802_042909_000000382050_00019_23119_0385.N1	02-AUG-2006 04:29:09	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23119	No
57	GOM_NL__2PRFIN20060802_044452_000000342050_00019_23119_0386.N1	02-AUG-2006 04:44:52	Bright	34.000	11	53Alp Aql	0.76500	8000.0	68	23119	No
58	GOM_NL__2PRFIN20060802_045440_000000352050_00019_23119_0387.N1	02-AUG-2006 04:54:40	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	23119	No
59	GOM_NL__2PRFIN20060802_045634_000000362050_00019_23119_0388.N1	02-AUG-2006 04:56:34	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23119	No
60	GOM_NL__2PRFIN20060802_050200_000000322050_00019_23119_0389.N1	02-AUG-2006 05:02:00	Bright	31.500	89	5Alp Cep	2.4510	8000.0	63	23119	No
61	GOM_NL__2PRFIN20060802_050754_000000302050_00019_23119_0390.N1	02-AUG-2006 05:07:54	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23119	No
62	GOM_NL__2PRFIN20060802_052035_000000362050_00019_23119_0391.N1	02-AUG-2006 05:20:35	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23119	No
63	GOM_NL__2PRFIN20060802_052302_000000292050_00019_23119_0392.N1	02-AUG-2006 05:23:02	Bright	29.000	107	37The Aur	2.6490	11000.	58	23119	No
64	GOM_NL__2PRFIN20060802_052551_000000412050_00019_23119_0393.N1	02-AUG-2006 05:25:51	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	23119	No
65	GOM_NL__2PRFIN20060802_052756_000000362050_00019_23119_0394.N1	02-AUG-2006 05:27:56	Twilight	36.000	176	23Zet Tau	3.0200	22000.	72	23119	No
66	GOM_NL__2PRFIN20060802_053136_000000432050_00019_23119_0395.N1	02-AUG-2006 05:31:36	Dark	42.500	14	58Alp Ori	0.87000	3000.0	85	23119	No
67	GOM_NL__2PRFIN20060802_053423_000000312050_00019_23119_0396.N1	02-AUG-2006 05:34:23	Dark	30.500	30	46Eps Ori	1.6940	30000.	61	23119	No
68	GOM_NL__2PRFIN20060802_053543_000000292050_00019_23119_0397.N1	02-AUG-2006 05:35:43	Dark	29.000	125	44Iot Ori	2.7700	30000.	58	23119	No
69	GOM_NL__2PRFIN20060802_053653_000000312050_00019_23119_0398.N1	02-AUG-2006 05:36:53	Dark	31.000	7	19Bet Ori	0.10000	14000.	62	23119	No
70	GOM_NL__2PRFIN20060802_053903_000000302050_00019_23119_0399.N1	02-AUG-2006 05:39:03	Dark	30.000	101	11Alp Lep	2.5820	7000.0	60	23119	No
71	GOM_NL__2PRFIN20060802_055101_000000402050_00020_23120_0400.N1	02-AUG-2006 05:51:01	Dark	40.000	157	The1Eri	2.9060	9300.0	80	23120	No
72	GOM_NL__2PRFIN20060802_055627_000000352050_00020_23120_0401.N1	02-AUG-2006 05:56:27	Dark	35.000	9	Alp Eri	0.45300	24000.	70	23120	No
73	GOM_NL__2PRFIN20060802_060314_000000342050_00020_23120_0402.N1	02-AUG-2006 06:03:14	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23120	No
74	GOM_NL__2PRFIN20060802_060637_000000382050_00020_23120_0403.N1	02-AUG-2006 06:06:37	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23120	No
75	GOM_NL__2PRFIN20060802_060945_000000382050_00020_23120_0404.N1	02-AUG-2006 06:09:45	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23120	No
76	GOM_NL__2PRFIN20060802_062528_000000342050_00020_23120_0405.N1	02-AUG-2006 06:25:28	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23120	No
77	GOM_NL__2PRFIN20060802_062655_000000292050_00020_23120_0406.N1	02-AUG-2006 06:26:55	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23120	No
78	GOM_NL__2PRFIN20060802_063515_000000352050_00020_23120_0407.N1	02-AUG-2006 06:35:15	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23120	No
79	GOM_NL__2PRFIN20060802_063710_000000362050_00020_23120_0408.N1	02-AUG-2006 06:37:10	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23120	No
80	GOM_NL__2PRFIN20060802_064235_000000332050_00020_23120_0409.N1	02-AUG-2006 06:42:35	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	23120	No
81	GOM_NL__2PRFIN20060802_064830_000000302050_00020_23120_0410.N1	02-AUG-2006 06:48:30	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23120	No
82	GOM_NL__2PRFIN20060802_070111_000000392050_00020_23120_0411.N1	02-AUG-2006 07:01:11	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	23120	No
83	GOM_NL__2PRFIN20060802_070338_000000292050_00020_23120_0412.N1	02-AUG-2006 07:03:38	Bright	28.500	107	37The Aur	2.6490	11000.	57	23120	No
84	GOM_NL__2PRFIN20060802_070627_000000402050_00020_23120_0413.N1	02-AUG-2006 07:06:27	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	23120	No
85	GOM_NL__2PRFIN20060802_070832_000000352050_00020_23120_0414.N1	02-AUG-2006 07:08:32	Twilight	34.500	176	23Zet Tau	3.0200	22000.	69	23120	No
86	GOM_NL__2PRFIN20060802_071213_000000462050_00020_23120_0415.N1	02-AUG-2006 07:12:13	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	23120	No
87	GOM_NL__2PRFIN20060802_071459_000000312050_00020_23120_0416.N1	02-AUG-2006 07:14:59	Dark	30.500	30	46Eps Ori	1.6940	30000.	61	23120	No
88	GOM_NL__2PRFIN20060802_071619_000000302050_00020_23120_0417.N1	02-AUG-2006 07:16:19	Dark	30.000	125	44Iot Ori	2.7700	30000.	60	23120	No
89	GOM_NL__2PRFIN20060802_071729_000000322050_00020_23120_0418.N1	02-AUG-2006 07:17:29	Dark	32.000	7	19Bet Ori	0.10000	14000.	64	23120	No
90	GOM_NL__2PRFIN20060802_071939_000000322050_00020_23120_0419.N1	02-AUG-2006 07:19:39	Dark	31.500	101	11Alp Lep	2.5820	7000.0	63	23120	No
91	GOM_NL__2PRFIN20060802_073138_000000402050_00021_23121_0420.N1	02-AUG-2006 07:31:38	Dark	39.500	157	The1Eri	2.9060	9300.0	79	23121	No
92	GOM_NL__2PRFIN20060802_073704_000000372050_00021_23121_0421.N1	02-AUG-2006 07:37:04	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23121	No
93	GOM_NL__2PRFIN20060802_074350_000000352050_00021_23121_0422.N1	02-AUG-2006 07:43:50	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23121	No
94	GOM_NL__2PRFIN20060802_074713_000000392050_00021_23121_0423.N1	02-AUG-2006 07:47:13	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23121	No
95	GOM_NL__2PRFIN20060802_075021_000000382050_00021_23121_0424.N1	02-AUG-2006 07:50:21	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23121	No
96	GOM_NL__2PRFIN20060802_080604_000000332050_00021_23121_0425.N1	02-AUG-2006 08:06:04	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23121	No
97	GOM_NL__2PRFIN20060802_080731_000000302050_00021_23121_0426.N1	02-AUG-2006 08:07:31	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23121	No
98	GOM_NL__2PRFIN20060802_081551_000000322050_00021_23121_0427.N1	02-AUG-2006 08:15:51	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23121	No
99	GOM_NL__2PRFIN20060802_081745_000000362050_00021_23121_0428.N1	02-AUG-2006 08:17:45	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23121	No
100	GOM_NL__2PRFIN20060802_082311_000000332050_00021_23121_0429.N1	02-AUG-2006 08:23:11	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	23121	No
101	GOM_NL__2PRFIN20060802_082906_000000312050_00021_23121_0430.N1	02-AUG-2006 08:29:06	Bright	30.500	49	1Alp UMi	1.9900	6300.0	61	23121	No

102	GOM_NL__2PRFIN20060802_084147_000000382050_00021_23121_0372.N1	02-AUG-2006 08:41:47	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	23121	No
103	GOM_NL__2PRFIN20060802_084414_000000302050_00021_23121_0373.N1	02-AUG-2006 08:44:14	Bright	29.500	107	37The Aur	2.6490	11000.	59	23121	No
104	GOM_NL__2PRFIN20060802_084703_000000382050_00021_23121_0374.N1	02-AUG-2006 08:47:03	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	23121	No
105	GOM_NL__2PRFIN20060802_084909_000000332050_00021_23121_0375.N1	02-AUG-2006 08:49:09	Tw_i_and_stray	33.000	176	23Zet Tau	3.0200	22000.	66	23121	No
106	GOM_NL__2PRFIN20060802_085249_000000322050_00021_23121_0376.N1	02-AUG-2006 08:52:49	Dark	31.500	14	58Alp Ori	0.87000	3000.0	63	23121	No
107	GOM_NL__2PRFIN20060802_085536_000000302050_00021_23121_0377.N1	02-AUG-2006 08:55:36	Dark	30.000	30	46Eps Ori	1.6940	30000.	60	23121	No
108	GOM_NL__2PRFIN20060802_085656_000000322050_00021_23121_0378.N1	02-AUG-2006 08:56:56	Dark	32.000	125	44Iot Ori	2.7700	30000.	64	23121	No
109	GOM_NL__2PRFIN20060802_085806_000000402050_00021_23121_0379.N1	02-AUG-2006 08:58:06	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	23121	No
110	GOM_NL__2PRFIN20060802_090015_000000362050_00021_23121_0380.N1	02-AUG-2006 09:00:15	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	23121	No
111	GOM_NL__2PRFIN20060802_091214_000000412050_00022_23122_0381.N1	02-AUG-2006 09:12:14	Dark	41.000	157	The1Eri	2.9060	9300.0	82	23122	No
112	GOM_NL__2PRFIN20060802_091740_000000362050_00022_23122_0362.N1	02-AUG-2006 09:17:40	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23122	No
113	GOM_NL__2PRFIN20060802_092427_000000382050_00022_23122_0363.N1	02-AUG-2006 09:24:27	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	23122	No
114	GOM_NL__2PRFIN20060802_092750_000000392050_00022_23122_0364.N1	02-AUG-2006 09:27:50	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23122	No
115	GOM_NL__2PRFIN20060802_093058_000000392050_00022_23122_0365.N1	02-AUG-2006 09:30:58	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23122	No
116	GOM_NL__2PRFIN20060802_094640_000000322050_00022_23122_0366.N1	02-AUG-2006 09:46:40	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23122	No
117	GOM_NL__2PRFIN20060802_094807_000000292050_00022_23122_0367.N1	02-AUG-2006 09:48:07	Bright	28.500	168	17Zet Aql	2.9860	11000.	57	23122	No
118	GOM_NL__2PRFIN20060802_095626_000000352050_00022_23122_0368.N1	02-AUG-2006 09:56:26	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23122	No
119	GOM_NL__2PRFIN20060802_095821_000000362050_00022_23122_0369.N1	02-AUG-2006 09:58:21	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23122	No
120	GOM_NL__2PRFIN20060802_100346_000000322050_00022_23122_0370.N1	02-AUG-2006 10:03:46	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	23122	No
121	GOM_NL__2PRFIN20060802_100942_000000282050_00022_23122_0371.N1	02-AUG-2006 10:09:42	Bright	28.000	49	1Alp UMi	1.9900	6300.0	56	23122	No
122	GOM_NL__2PRFIN20060802_102223_000000392050_00022_23122_0372.N1	02-AUG-2006 10:22:23	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	23122	No
123	GOM_NL__2PRFIN20060802_102450_000000312050_00022_23122_0373.N1	02-AUG-2006 10:24:50	Bright	30.500	107	37The Aur	2.6490	11000.	61	23122	No
124	GOM_NL__2PRFIN20060802_102739_000000352050_00022_23122_0374.N1	02-AUG-2006 10:27:39	Bright	34.500	28	12Bet Tau	1.6500	15200.	69	23122	No
125	GOM_NL__2PRFIN20060802_102945_000000302050_00022_23122_0375.N1	02-AUG-2006 10:29:45	Tw_i_and_stray	30.000	176	23Zet Tau	3.0200	22000.	60	23122	No
126	GOM_NL__2PRFIN20060802_103325_000000312050_00022_23122_0376.N1	02-AUG-2006 10:33:25	Dark	30.500	14	58Alp Ori	0.87000	3000.0	61	23122	No
127	GOM_NL__2PRFIN20060802_103612_000000342050_00022_23122_0377.N1	02-AUG-2006 10:36:12	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	23122	No
128	GOM_NL__2PRFIN20060802_103732_000000332050_00022_23122_0378.N1	02-AUG-2006 10:37:32	Dark	33.000	125	44Iot Ori	2.7700	30000.	66	23122	No
129	GOM_NL__2PRFIN20060802_103842_000000472050_00022_23122_0379.N1	02-AUG-2006 10:38:42	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	23122	No
130	GOM_NL__2PRFIN20060802_104051_000000372050_00022_23122_0380.N1	02-AUG-2006 10:40:51	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23122	No
131	GOM_NL__2PRFIN20060802_105251_000000412050_00023_23123_0382.N1	02-AUG-2006 10:52:51	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23123	No
132	GOM_NL__2PRFIN20060802_105817_000000372050_00023_23123_0383.N1	02-AUG-2006 10:58:17	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23123	No
133	GOM_NL__2PRFIN20060802_110503_000000372050_00023_23123_0384.N1	02-AUG-2006 11:05:03	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	23123	No
134	GOM_NL__2PRFIN20060802_110826_000000372050_00023_23123_0385.N1	02-AUG-2006 11:08:26	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	23123	No
135	GOM_NL__2PRFIN20060802_111134_000000382050_00023_23123_0386.N1	02-AUG-2006 11:11:34	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	23123	No
136	GOM_NL__2PRFIN20060802_112716_000000322050_00023_23123_0387.N1	02-AUG-2006 11:27:16	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23123	No
137	GOM_NL__2PRFIN20060802_112843_000000302050_00023_23123_0388.N1	02-AUG-2006 11:28:43	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23123	No
138	GOM_NL__2PRFIN20060802_113702_000000342050_00023_23123_0389.N1	02-AUG-2006 11:37:02	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	23123	No
139	GOM_NL__2PRFIN20060802_113856_000000372050_00023_23123_0390.N1	02-AUG-2006 11:38:56	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	23123	No
140	GOM_NL__2PRFIN20060802_114422_000000342050_00023_23123_0391.N1	02-AUG-2006 11:44:22	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23123	No
141	GOM_NL__2PRFIN20060802_115018_000000302050_00023_23123_0392.N1	02-AUG-2006 11:50:18	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23123	No
142	GOM_NL__2PRFIN20060802_120259_000000382050_00023_23123_0393.N1	02-AUG-2006 12:02:59	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	23123	No
143	GOM_NL__2PRFIN20060802_120526_000000332050_00023_23123_0394.N1	02-AUG-2006 12:05:26	Bright	33.000	107	37The Aur	2.6490	11000.	66	23123	No
144	GOM_NL__2PRFIN20060802_120815_000000362050_00023_23123_0395.N1	02-AUG-2006 12:08:15	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	23123	No
145	GOM_NL__2PRFIN20060802_121020_000000312050_00023_23123_0396.N1	02-AUG-2006 12:10:20	Tw_i_and_stray	30.500	176	23Zet Tau	3.0200	22000.	61	23123	No
146	GOM_NL__2PRFIN20060802_121401_000000332050_00023_23123_0397.N1	02-AUG-2006 12:14:01	Dark	32.500	14	58Alp Ori	0.87000	3000.0	65	23123	No
147	GOM_NL__2PRFIN20060802_121648_000000382050_00023_23123_0398.N1	02-AUG-2006 12:16:48	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	23123	No
148	GOM_NL__2PRFIN20060802_121808_000000332050_00023_23123_0399.N1	02-AUG-2006 12:18:08	Dark	32.500	125	44Iot Ori	2.7700	30000.	65	23123	No
149	GOM_NL__2PRFIN20060802_121918_000000422050_00023_23123_0400.N1	02-AUG-2006 12:19:18	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	23123	No
150	GOM_NL__2PRFIN20060802_122128_000000372050_00023_23123_0401.N1	02-AUG-2006 12:21:28	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23123	No
151	GOM_NL__2PRFIN20060802_123328_000000392050_00024_23124_0382.N1	02-AUG-2006 12:33:28	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23124	No
152	GOM_NL__2PRFIN20060802_123853_000000382050_00024_23124_0383.N1	02-AUG-2006 12:38:53	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23124	No
153	GOM_NL__2PRFIN20060802_124540_000000372050_00024_23124_0384.N1	02-AUG-2006 12:45:40	Straylight	36.500	148	Alp Tuc	2.8780	4100.0	73	23124	No
154	GOM_NL__2PRFIN20060802_124902_000000412050_00024_23124_0385.N1	02-AUG-2006 12:49:02	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23124	No
155	GOM_NL__2PRFIN20060802_125211_000000402050_00024_23124_0386.N1	02-AUG-2006 12:52:11	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	23124	No
156	GOM_NL__2PRFIN20060802_130752_000000302050_00024_23124_0387.N1	02-AUG-2006 13:07:52	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23124	No
157	GOM_NL__2PRFIN20060802_130919_000000292050_00024_23124_0388.N1	02-AUG-2006 13:09:19	Bright	28.500	168	17Zet Aql	2.9860	11000.	57	23124	No
158	GOM_NL__2PRFIN20060802_131737_000000312050_00024_23124_0389.N1	02-AUG-2006 13:17:37	Bright	31.000	66	37Gam Cyg	2.2080	5900.0	62	23124	No
159	GOM_NL__2PRFIN20060802_131932_000000352050_00024_23124_0390.N1	02-AUG-2006 13:19:32	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	23124	No
160	GOM_NL__2PRFIN20060802_132457_000000332050_00024_23124_0391.N1	02-AUG-2006 13:24:57	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	23124	No



161	GOM_NL__2PRFIN20060802_133054_000000302050_00024_23124_0392.N1	02-AUG-2006 13:30:54	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23124	No
162	GOM_NL__2PRFIN20060802_134335_000000362050_00024_23124_0393.N1	02-AUG-2006 13:43:35	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23124	No
163	GOM_NL__2PRFIN20060802_134602_000000282050_00024_23124_0394.N1	02-AUG-2006 13:46:02	Bright	28.000	107	37The Aur	2.6490	11000.	56	23124	No
164	GOM_NL__2PRFIN20060802_134851_000000352050_00024_23124_0395.N1	02-AUG-2006 13:48:51	Bright	34.500	28	12Bet Tau	1.6500	15200.	69	23124	No
165	GOM_NL__2PRFIN20060802_135057_000000322050_00024_23124_0396.N1	02-AUG-2006 13:50:57	Tw_i_and_stray	32.000	176	23Zet Tau	3.0200	22000.	64	23124	No
166	GOM_NL__2PRFIN20060802_135437_000000472050_00024_23124_0397.N1	02-AUG-2006 13:54:37	Dark	47.000	14	58Alp Ori	0.87000	3000.0	94	23124	No
167	GOM_NL__2PRFIN20060802_135724_000000372050_00024_23124_0398.N1	02-AUG-2006 13:57:24	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	23124	No
168	GOM_NL__2PRFIN20060802_135844_000000352050_00024_23124_0399.N1	02-AUG-2006 13:58:44	Dark	35.000	125	44Iot Ori	2.7700	30000.	70	23124	No
169	GOM_NL__2PRFIN20060802_135955_000000442050_00024_23124_0400.N1	02-AUG-2006 13:59:55	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	23124	No
170	GOM_NL__2PRFIN20060802_140204_000000372050_00024_23124_0401.N1	02-AUG-2006 14:02:04	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23124	No
171	GOM_NL__2PRFIN20060802_141405_000000412050_00025_23125_0382.N1	02-AUG-2006 14:14:05	Dark	40.500	157	The1Eri	2.9060	9300.0	81	23125	No
172	GOM_NL__2PRFIN20060802_141930_000000372050_00025_23125_0383.N1	02-AUG-2006 14:19:30	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23125	No
173	GOM_NL__2PRFIN20060802_142616_000000342050_00025_23125_0384.N1	02-AUG-2006 14:26:16	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23125	No
174	GOM_NL__2PRFIN20060802_142939_000000402050_00025_23125_0385.N1	02-AUG-2006 14:29:39	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	23125	No
175	GOM_NL__2PRFIN20060802_143247_000000382050_00025_23125_0386.N1	02-AUG-2006 14:32:47	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23125	No
176	GOM_NL__2PRFIN20060802_144828_000000322050_00025_23125_0387.N1	02-AUG-2006 14:48:28	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23125	No
177	GOM_NL__2PRFIN20060802_144955_000000292050_00025_23125_0388.N1	02-AUG-2006 14:49:55	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23125	No
178	GOM_NL__2PRFIN20060802_145813_000000342050_00025_23125_0389.N1	02-AUG-2006 14:58:13	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	23125	No
179	GOM_NL__2PRFIN20060802_150007_000000372050_00025_23125_0390.N1	02-AUG-2006 15:00:07	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	23125	No
180	GOM_NL__2PRFIN20060802_150533_000000332050_00025_23125_0391.N1	02-AUG-2006 15:05:33	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	23125	No
181	GOM_NL__2PRFIN20060802_151130_000000302050_00025_23125_0392.N1	02-AUG-2006 15:11:30	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23125	No
182	GOM_NL__2PRFIN20060802_152411_000000362050_00025_23125_0393.N1	02-AUG-2006 15:24:11	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	23125	No
183	GOM_NL__2PRFIN20060802_152638_000000472050_00025_23125_0394.N1	02-AUG-2006 15:26:38	Bright	47.000	107	37The Aur	2.6490	11000.	94	23125	No
184	GOM_NL__2PRFIN20060802_152927_000000372050_00025_23125_0395.N1	02-AUG-2006 15:29:27	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	23125	No
185	GOM_NL__2PRFIN20060802_153133_000000372050_00025_23125_0396.N1	02-AUG-2006 15:31:33	Tw_i_and_stray	36.500	176	23Zet Tau	3.0200	22000.	73	23125	No
186	GOM_NL__2PRFIN20060802_153514_000000472050_00025_23125_0397.N1	02-AUG-2006 15:35:14	Dark	47.000	14	58Alp Ori	0.87000	3000.0	94	23125	No
187	GOM_NL__2PRFIN20060802_153801_000000382050_00025_23125_0398.N1	02-AUG-2006 15:38:01	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	23125	No
188	GOM_NL__2PRFIN20060802_153921_000000342050_00025_23125_0399.N1	02-AUG-2006 15:39:21	Dark	34.000	125	44Iot Ori	2.7700	30000.	68	23125	No
189	GOM_NL__2PRFIN20060802_154031_000000462050_00025_23125_0400.N1	02-AUG-2006 15:40:31	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	23125	No
190	GOM_NL__2PRFIN20060802_154240_000000352050_00025_23125_0401.N1	02-AUG-2006 15:42:40	Dark	35.000	101	11Alp Lep	2.5820	7000.0	70	23125	No
191	GOM_NL__2PRFIN20060802_155442_000000422050_00026_23126_0382.N1	02-AUG-2006 15:54:42	Dark	41.500	157	The1Eri	2.9060	9300.0	83	23126	No
192	GOM_NL__2PRFIN20060802_160006_000000352050_00026_23126_0383.N1	02-AUG-2006 16:00:06	Dark	34.500	9	Alp Eri	0.45300	24000.	69	23126	No
193	GOM_NL__2PRFIN20060802_160652_000000342050_00026_23126_0384.N1	02-AUG-2006 16:06:52	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23126	No
194	GOM_NL__2PRFIN20060802_161015_000000442050_00026_23126_0385.N1	02-AUG-2006 16:10:15	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	23126	No
195	GOM_NL__2PRFIN20060802_161323_000000372050_00026_23126_0386.N1	02-AUG-2006 16:13:23	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	23126	No
196	GOM_NL__2PRFIN20060802_162903_000000332050_00026_23126_0387.N1	02-AUG-2006 16:29:03	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23126	No
197	GOM_NL__2PRFIN20060802_163849_000000352050_00026_23126_0388.N1	02-AUG-2006 16:38:49	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23126	No
198	GOM_NL__2PRFIN20060802_164043_000000362050_00026_23126_0389.N1	02-AUG-2006 16:40:43	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23126	No
199	GOM_NL__2PRFIN20060802_164608_000000332050_00026_23126_0390.N1	02-AUG-2006 16:46:08	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	23126	No
200	GOM_NL__2PRFIN20060802_165206_000000302050_00026_23126_0391.N1	02-AUG-2006 16:52:06	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23126	No
201	GOM_NL__2PRFIN20060802_170447_000000372050_00026_23126_0392.N1	02-AUG-2006 17:04:47	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	23126	No
202	GOM_NL__2PRFIN20060802_170714_000000332050_00026_23126_0393.N1	02-AUG-2006 17:07:14	Bright	33.000	107	37The Aur	2.6490	11000.	66	23126	No
203	GOM_NL__2PRFIN20060802_171004_000000392050_00026_23126_0394.N1	02-AUG-2006 17:10:04	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	23126	No
204	GOM_NL__2PRFIN20060802_171209_000000362050_00026_23126_0395.N1	02-AUG-2006 17:12:09	Tw_i_and_stray	35.500	176	23Zet Tau	3.0200	22000.	71	23126	No
205	GOM_NL__2PRFIN20060802_171550_000000442050_00026_23126_0396.N1	02-AUG-2006 17:15:50	Dark	44.000	14	58Alp Ori	0.87000	3000.0	88	23126	No
206	GOM_NL__2PRFIN20060802_171837_000000382050_00026_23126_0397.N1	02-AUG-2006 17:18:37	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	23126	No
207	GOM_NL__2PRFIN20060802_171957_000000342050_00026_23126_0398.N1	02-AUG-2006 17:19:57	Dark	34.000	125	44Iot Ori	2.7700	30000.	68	23126	No
208	GOM_NL__2PRFIN20060802_172108_000000372050_00026_23126_0399.N1	02-AUG-2006 17:21:08	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	23126	No
209	GOM_NL__2PRFIN20060802_172317_000000372050_00026_23126_0400.N1	02-AUG-2006 17:23:17	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23126	No
210	GOM_NL__2PRFIN20060802_174043_000000372050_00027_23127_0382.N1	02-AUG-2006 17:40:43	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23127	No
211	GOM_NL__2PRFIN20060802_174729_000000352050_00027_23127_0383.N1	02-AUG-2006 17:47:29	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23127	No
212	GOM_NL__2PRFIN20060802_175052_000000412050_00027_23127_0384.N1	02-AUG-2006 17:50:52	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23127	No
213	GOM_NL__2PRFIN20060802_175400_000000372050_00027_23127_0385.N1	02-AUG-2006 17:54:00	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	23127	No
214	GOM_NL__2PRFIN20060802_180939_000000322050_00027_23127_0386.N1	02-AUG-2006 18:09:39	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23127	No
215	GOM_NL__2PRFIN20060802_181924_000000342050_00027_23127_0387.N1	02-AUG-2006 18:19:24	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	23127	No
216	GOM_NL__2PRFIN20060802_182118_000000542050_00027_23127_0388.N1	02-AUG-2006 18:21:18	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	23127	No
217	GOM_NL__2PRFIN20060802_182644_000000342050_00027_23127_0389.N1	02-AUG-2006 18:26:44	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23127	No
218	GOM_NL__2PRFIN20060802_183242_000000302050_00027_23127_0390.N1	02-AUG-2006 18:32:42	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23127	No
219	GOM_NL__2PRFIN20060802_184523_000000362050_00027_23127_0391.N1	02-AUG-2006 18:45:23	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	23127	No

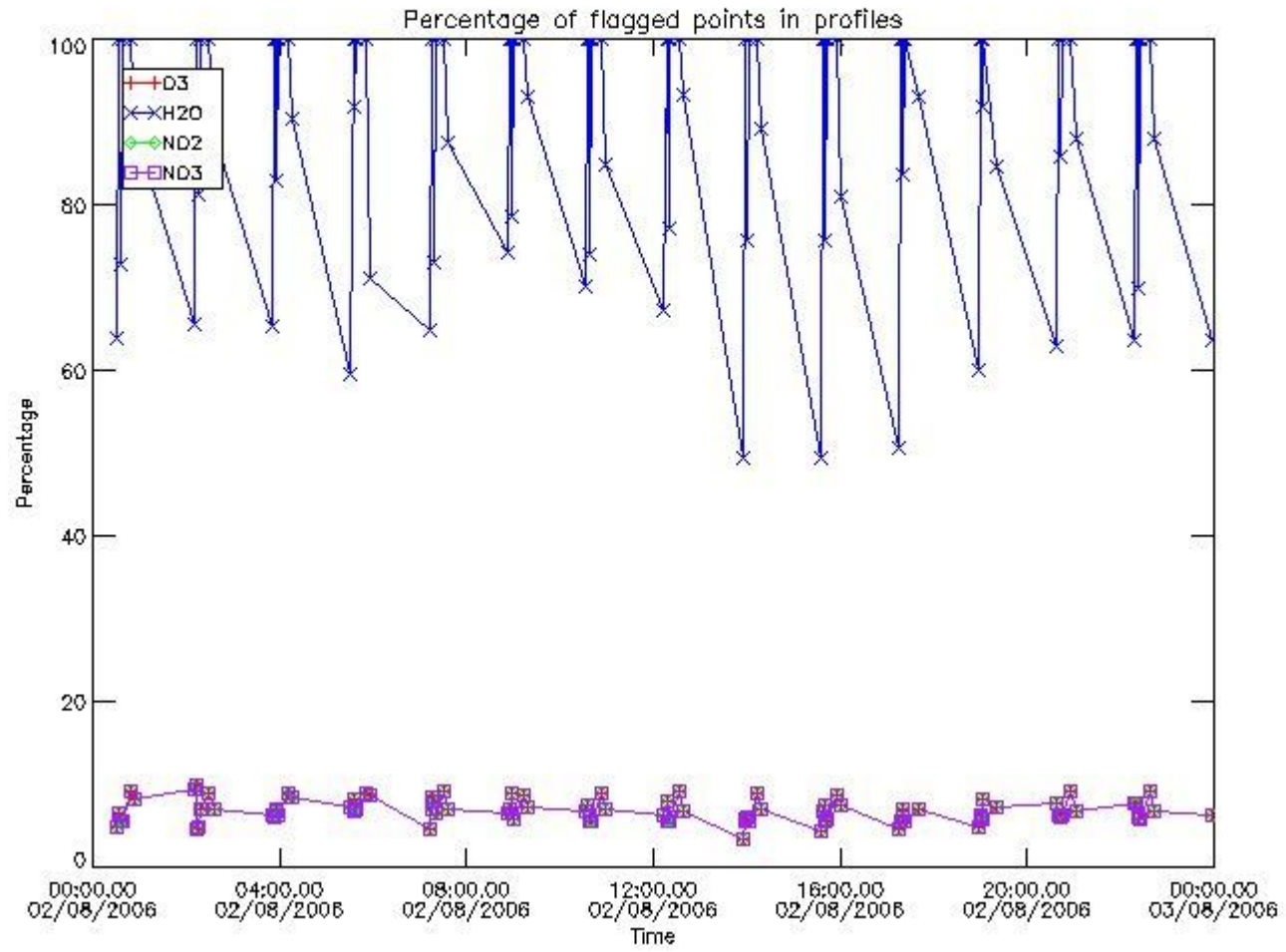


220	GOM_NL__2PRFIN20060802_184750_000000302050_00027_23127_0392.N1	02-AUG-2006 18:47:50	Bright	30.000	107	37The Aur	2.6490	11000.	60	23127	No
221	GOM_NL__2PRFIN20060802_185040_000000382050_00027_23127_0393.N1	02-AUG-2006 18:50:40	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	23127	No
222	GOM_NL__2PRFIN20060802_185245_000000382050_00027_23127_0394.N1	02-AUG-2006 18:52:45	Tw_i_and_stray	37.500	176	23Zet Tau	3.0200	22000.	75	23127	No
223	GOM_NL__2PRFIN20060802_185626_000000432050_00027_23127_0395.N1	02-AUG-2006 18:56:26	Dark	43.000	14	58Alp Ori	0.87000	3000.0	86	23127	No
224	GOM_NL__2PRFIN20060802_185913_000000342050_00027_23127_0396.N1	02-AUG-2006 18:59:13	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	23127	No
225	GOM_NL__2PRFIN20060802_190033_000000332050_00027_23127_0397.N1	02-AUG-2006 19:00:33	Dark	33.000	125	44Iot Ori	2.7700	30000.	66	23127	No
226	GOM_NL__2PRFIN20060802_190144_000000372050_00027_23127_0398.N1	02-AUG-2006 19:01:44	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	23127	No
227	GOM_NL__2PRFIN20060802_190353_000000362050_00027_23127_0399.N1	02-AUG-2006 19:03:53	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	23127	No
228	GOM_NL__2PRFIN20060802_192120_000000362050_00028_23128_0382.N1	02-AUG-2006 19:21:20	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23128	No
229	GOM_NL__2PRFIN20060802_192805_000000342050_00028_23128_0383.N1	02-AUG-2006 19:28:05	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23128	No
230	GOM_NL__2PRFIN20060802_193128_000000362050_00028_23128_0384.N1	02-AUG-2006 19:31:28	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23128	No
231	GOM_NL__2PRFIN20060802_193436_000000382050_00028_23128_0385.N1	02-AUG-2006 19:34:36	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	23128	No
232	GOM_NL__2PRFIN20060802_195015_000000322050_00028_23128_0386.N1	02-AUG-2006 19:50:15	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23128	No
233	GOM_NL__2PRFIN20060802_200000_000000352050_00028_23128_0387.N1	02-AUG-2006 20:00:00	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	23128	No
234	GOM_NL__2PRFIN20060802_200154_000000362050_00028_23128_0388.N1	02-AUG-2006 20:01:54	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23128	No
235	GOM_NL__2PRFIN20060802_200719_000000342050_00028_23128_0389.N1	02-AUG-2006 20:07:19	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	23128	No
236	GOM_NL__2PRFIN20060802_201318_000000302050_00028_23128_0390.N1	02-AUG-2006 20:13:18	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23128	No
237	GOM_NL__2PRFIN20060802_202558_000000382050_00028_23128_0391.N1	02-AUG-2006 20:25:58	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	23128	No
238	GOM_NL__2PRFIN20060802_202826_000000302050_00028_23128_0392.N1	02-AUG-2006 20:28:26	Bright	30.000	107	37The Aur	2.6490	11000.	60	23128	No
239	GOM_NL__2PRFIN20060802_203116_000000372050_00028_23128_0393.N1	02-AUG-2006 20:31:16	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	23128	No
240	GOM_NL__2PRFIN20060802_203321_000000362050_00028_23128_0394.N1	02-AUG-2006 20:33:21	Tw_i_and_stray	36.000	176	23Zet Tau	3.0200	22000.	72	23128	No
241	GOM_NL__2PRFIN20060802_203702_000000402050_00028_23128_0395.N1	02-AUG-2006 20:37:02	Dark	39.500	14	58Alp Ori	0.87000	3000.0	79	23128	No
242	GOM_NL__2PRFIN20060802_203950_000000342050_00028_23128_0396.N1	02-AUG-2006 20:39:50	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	23128	No
243	GOM_NL__2PRFIN20060802_204110_000000332050_00028_23128_0397.N1	02-AUG-2006 20:41:10	Dark	33.000	125	44Iot Ori	2.7700	30000.	66	23128	No
244	GOM_NL__2PRFIN20060802_204220_000000432050_00028_23128_0398.N1	02-AUG-2006 20:42:20	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	23128	No
245	GOM_NL__2PRFIN20060802_204430_000000332050_00028_23128_0399.N1	02-AUG-2006 20:44:30	Dark	33.000	101	11Alp Lep	2.5820	7000.0	66	23128	No
246	GOM_NL__2PRFIN20060802_205633_000000402050_00029_23129_0382.N1	02-AUG-2006 20:56:33	Dark	39.500	157	The1Eri	2.9060	9300.0	79	23129	No
247	GOM_NL__2PRFIN20060802_210157_000000382050_00029_23129_0383.N1	02-AUG-2006 21:01:57	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23129	No
248	GOM_NL__2PRFIN20060802_210841_000000332050_00029_23129_0384.N1	02-AUG-2006 21:08:41	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23129	No
249	GOM_NL__2PRFIN20060802_211205_000000462050_00029_23129_0385.N1	02-AUG-2006 21:12:05	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	23129	No
250	GOM_NL__2PRFIN20060802_211512_000000372050_00029_23129_0386.N1	02-AUG-2006 21:15:12	Straylight	36.500	172	Gam Gru	3.0030	13100.	73	23129	No
251	GOM_NL__2PRFIN20060802_213051_000000322050_00029_23129_0387.N1	02-AUG-2006 21:30:51	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23129	No
252	GOM_NL__2PRFIN20060802_214035_000000322050_00029_23129_0388.N1	02-AUG-2006 21:40:35	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23129	No
253	GOM_NL__2PRFIN20060802_214229_000000362050_00029_23129_0389.N1	02-AUG-2006 21:42:29	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	23129	No
254	GOM_NL__2PRFIN20060802_214755_000000342050_00029_23129_0390.N1	02-AUG-2006 21:47:55	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23129	No
255	GOM_NL__2PRFIN20060802_215353_000000302050_00029_23129_0391.N1	02-AUG-2006 21:53:53	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23129	No
256	GOM_NL__2PRFIN20060802_220634_000000382050_00029_23129_0392.N1	02-AUG-2006 22:06:34	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	23129	No
257	GOM_NL__2PRFIN20060802_220902_000000402050_00029_23129_0393.N1	02-AUG-2006 22:09:02	Bright	39.500	107	37The Aur	2.6490	11000.	79	23129	No
258	GOM_NL__2PRFIN20060802_221152_000000392050_00029_23129_0394.N1	02-AUG-2006 22:11:52	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	23129	No
259	GOM_NL__2PRFIN20060802_221357_000000362050_00029_23129_0395.N1	02-AUG-2006 22:13:57	Tw_i_and_stray	36.000	176	23Zet Tau	3.0200	22000.	72	23129	No
260	GOM_NL__2PRFIN20060802_221738_000000342050_00029_23129_0396.N1	02-AUG-2006 22:17:38	Dark	33.500	14	58Alp Ori	0.87000	3000.0	67	23129	No
261	GOM_NL__2PRFIN20060802_222026_000000342050_00029_23129_0397.N1	02-AUG-2006 22:20:26	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	23129	No
262	GOM_NL__2PRFIN20060802_222146_000000322050_00029_23129_0398.N1	02-AUG-2006 22:21:46	Dark	31.500	125	44Iot Ori	2.7700	30000.	63	23129	No
263	GOM_NL__2PRFIN20060802_222257_000000442050_00029_23129_0399.N1	02-AUG-2006 22:22:57	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	23129	No
264	GOM_NL__2PRFIN20060802_222506_000000352050_00029_23129_0400.N1	02-AUG-2006 22:25:06	Dark	35.000	101	11Alp Lep	2.5820	7000.0	70	23129	No
265	GOM_NL__2PRFIN20060802_223710_000000392050_00030_23130_0382.N1	02-AUG-2006 22:37:10	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23130	No
266	GOM_NL__2PRFIN20060802_224233_000000382050_00030_23130_0383.N1	02-AUG-2006 22:42:33	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23130	No
267	GOM_NL__2PRFIN20060802_224918_000000342050_00030_23130_0384.N1	02-AUG-2006 22:49:18	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23130	No
268	GOM_NL__2PRFIN20060802_225241_000000442050_00030_23130_0385.N1	02-AUG-2006 22:52:41	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	23130	No
269	GOM_NL__2PRFIN20060802_225549_000000382050_00030_23130_0386.N1	02-AUG-2006 22:55:49	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23130	No
270	GOM_NL__2PRFIN20060802_231127_000000322050_00030_23130_0387.N1	02-AUG-2006 23:11:27	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23130	No
271	GOM_NL__2PRFIN20060802_232111_000000312050_00030_23130_0388.N1	02-AUG-2006 23:21:11	Bright	30.500	66	37Gam Cyg	2.2080	5900.0	61	23130	No
272	GOM_NL__2PRFIN20060802_232305_000000362050_00030_23130_0389.N1	02-AUG-2006 23:23:05	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23130	No
273	GOM_NL__2PRFIN20060802_232830_000000342050_00030_23130_0390.N1	02-AUG-2006 23:28:30	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	23130	No
274	GOM_NL__2PRFIN20060802_233429_000000272050_00030_23130_0391.N1	02-AUG-2006 23:34:29	Bright	27.000	49	1Alp UMi	1.9900	6300.0	54	23130	No
275	GOM_NL__2PRFIN20060802_234710_000000382050_00030_23130_0392.N1	02-AUG-2006 23:47:10	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	23130	No
276	GOM_NL__2PRFIN20060802_234938_000000292050_00030_23130_0393.N1	02-AUG-2006 23:49:38	Bright	28.500	107	37The Aur	2.6490	11000.	57	23130	No
277	GOM_NL__2PRFIN20060802_235228_000000402050_00030_23130_0394.N1	02-AUG-2006 23:52:28	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	23130	No
278	GOM_NL__2PRFIN20060802_235434_000000342050_00030_23130_0395.N1	02-AUG-2006 23:54:34	Tw_i_and_stray	34.000	176	23Zet Tau	3.0200	22000.	68	23130	No

### 3. Quality information per product

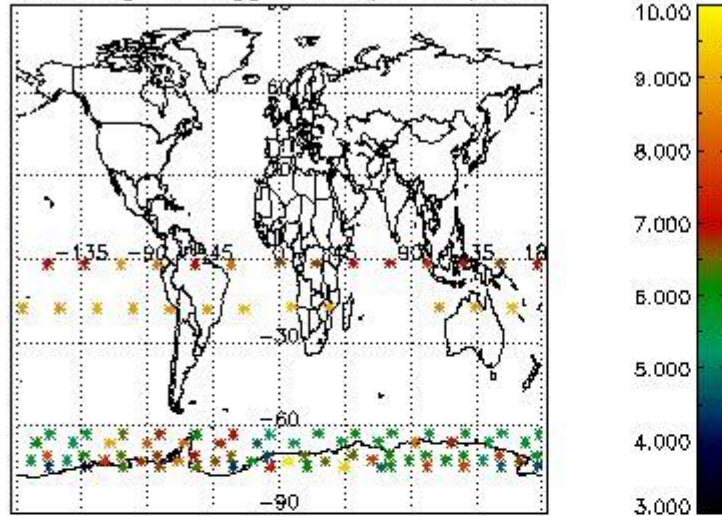
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

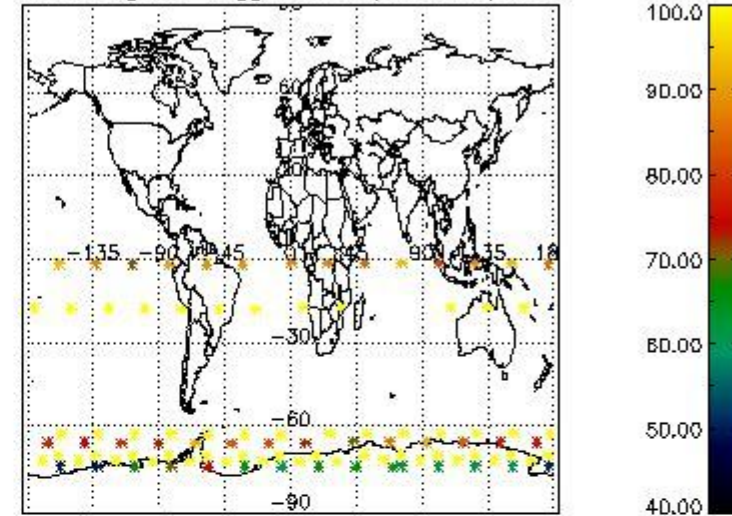


#### 3.2 Plot quality information per product (world map)

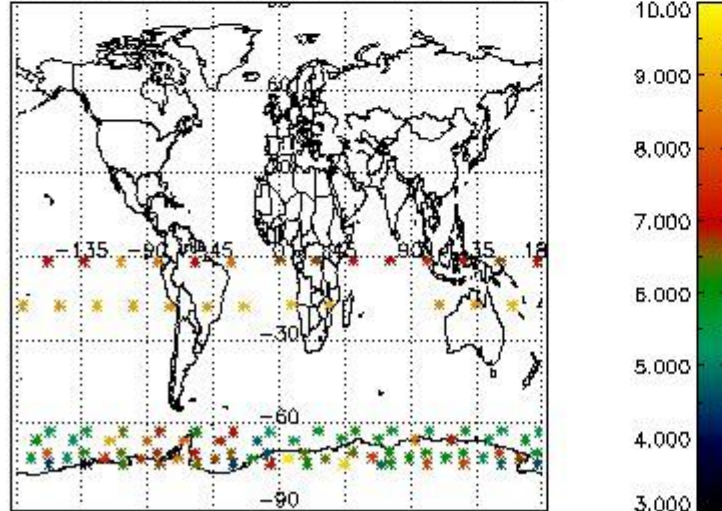
Percentage of flagged data per O3 profile



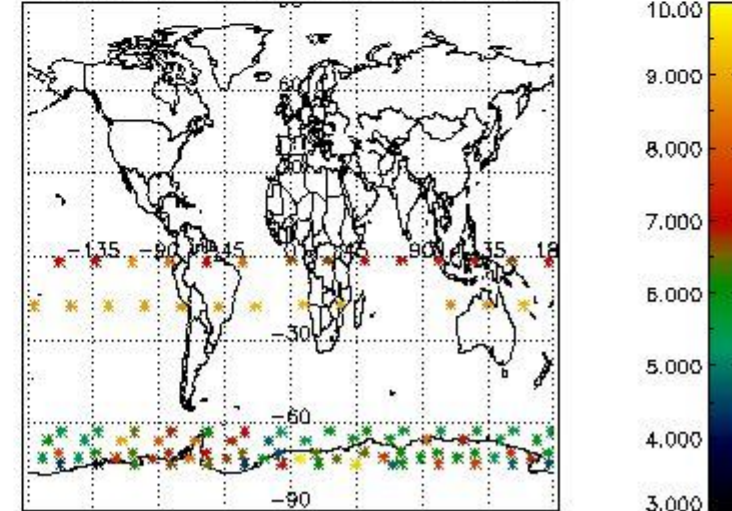
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



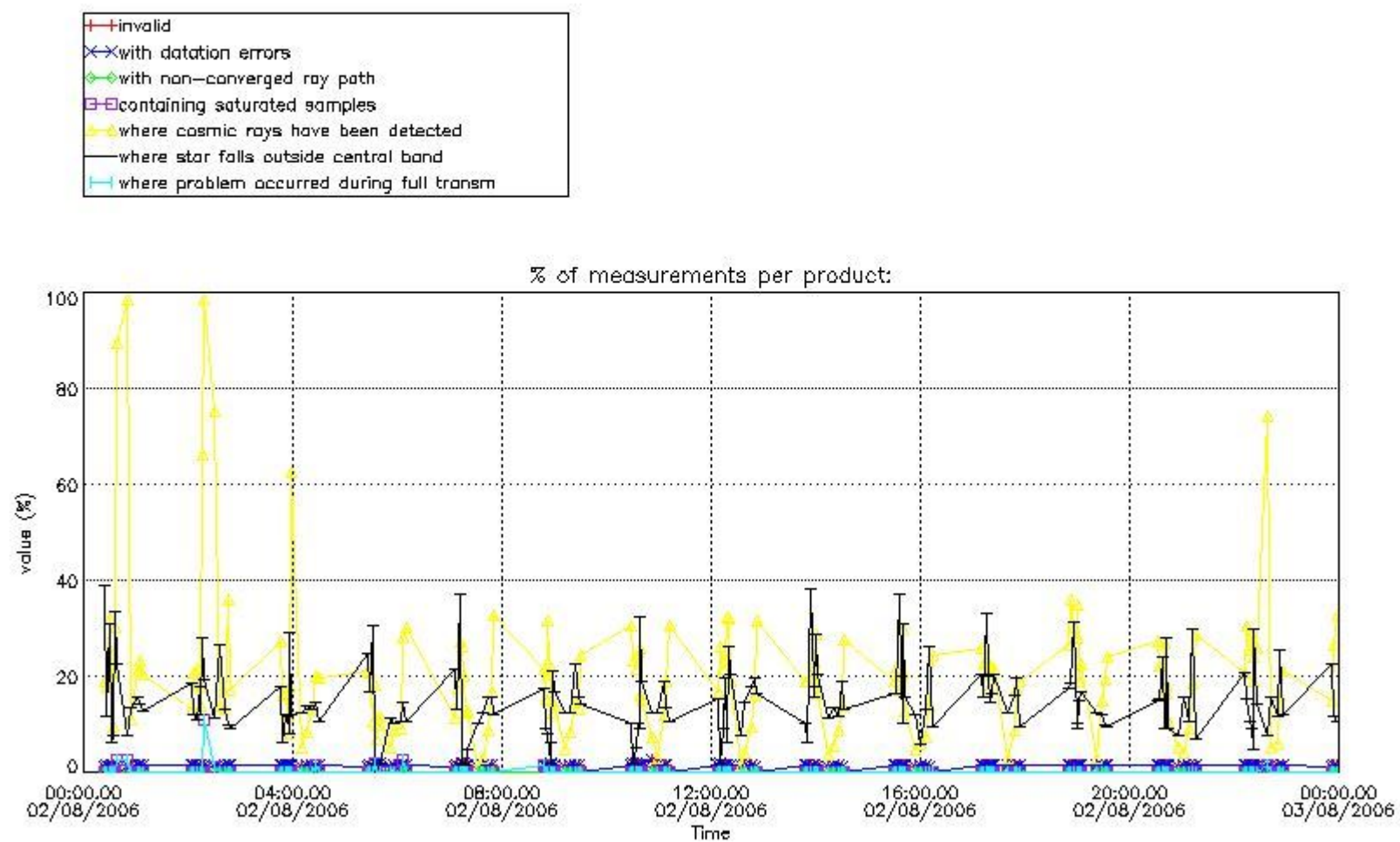
#### 4. Level 1 quality information per product

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

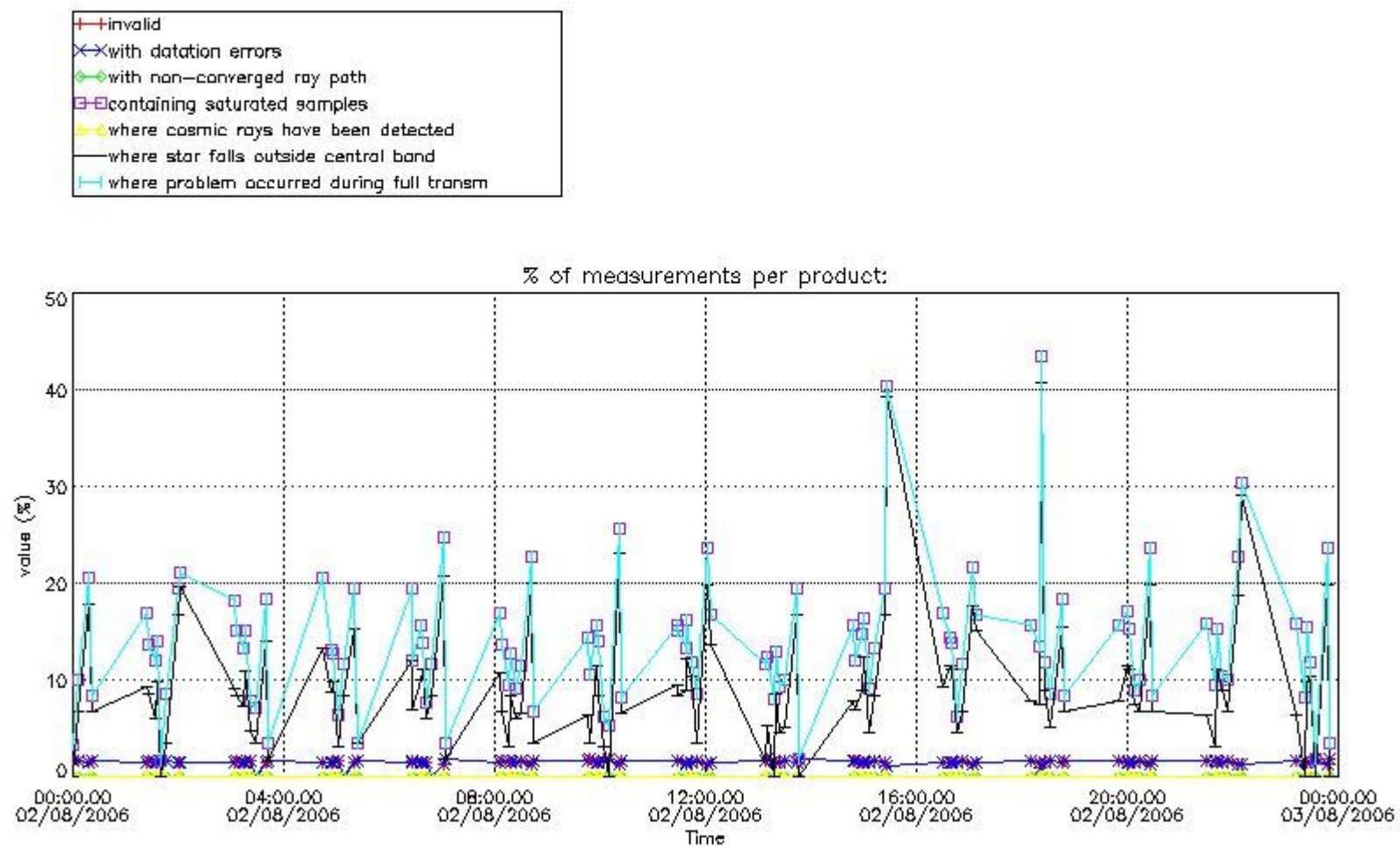
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

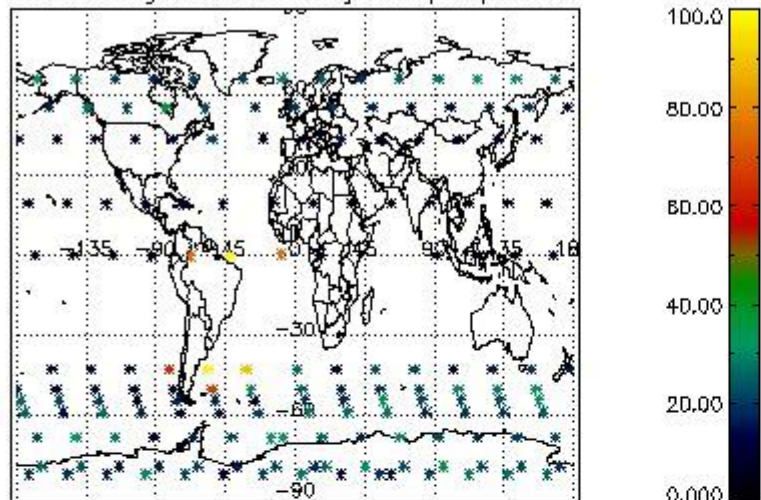




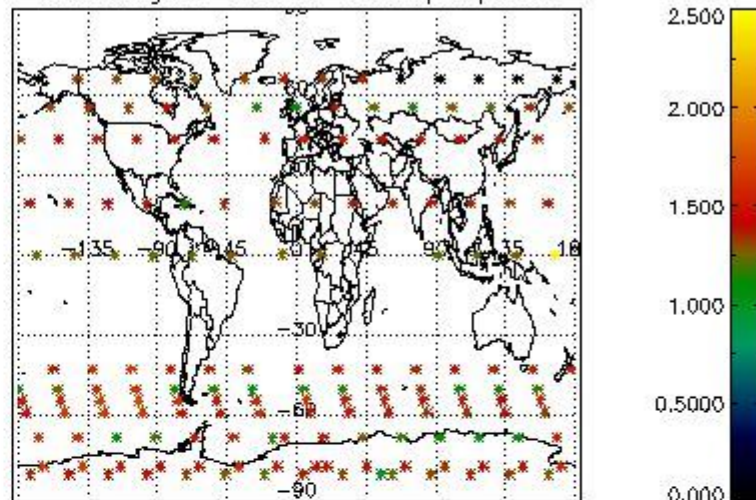
4.2 Plot quality information per product coming from level 1b processing (world map)

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

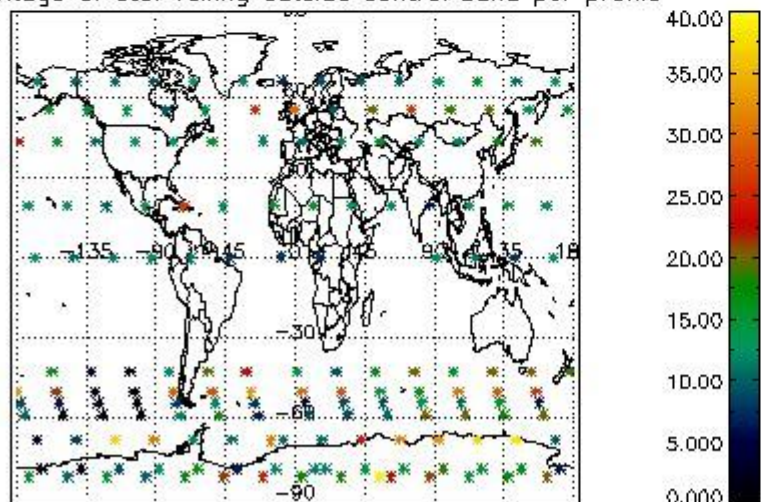
Percentage of cosmic ray hits per profile



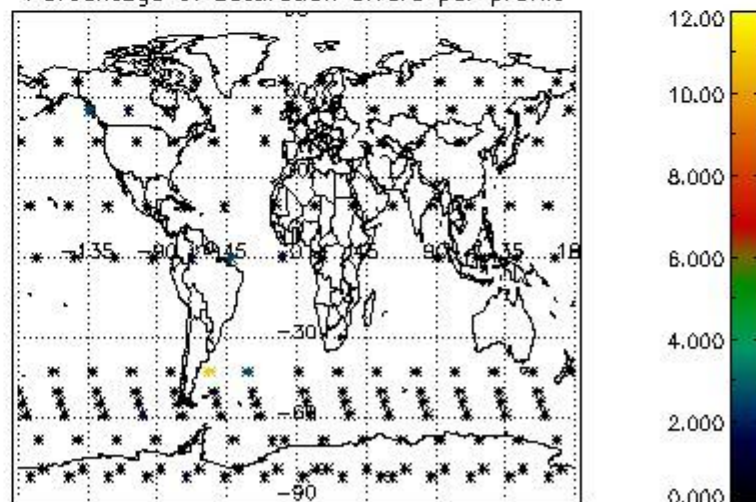
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

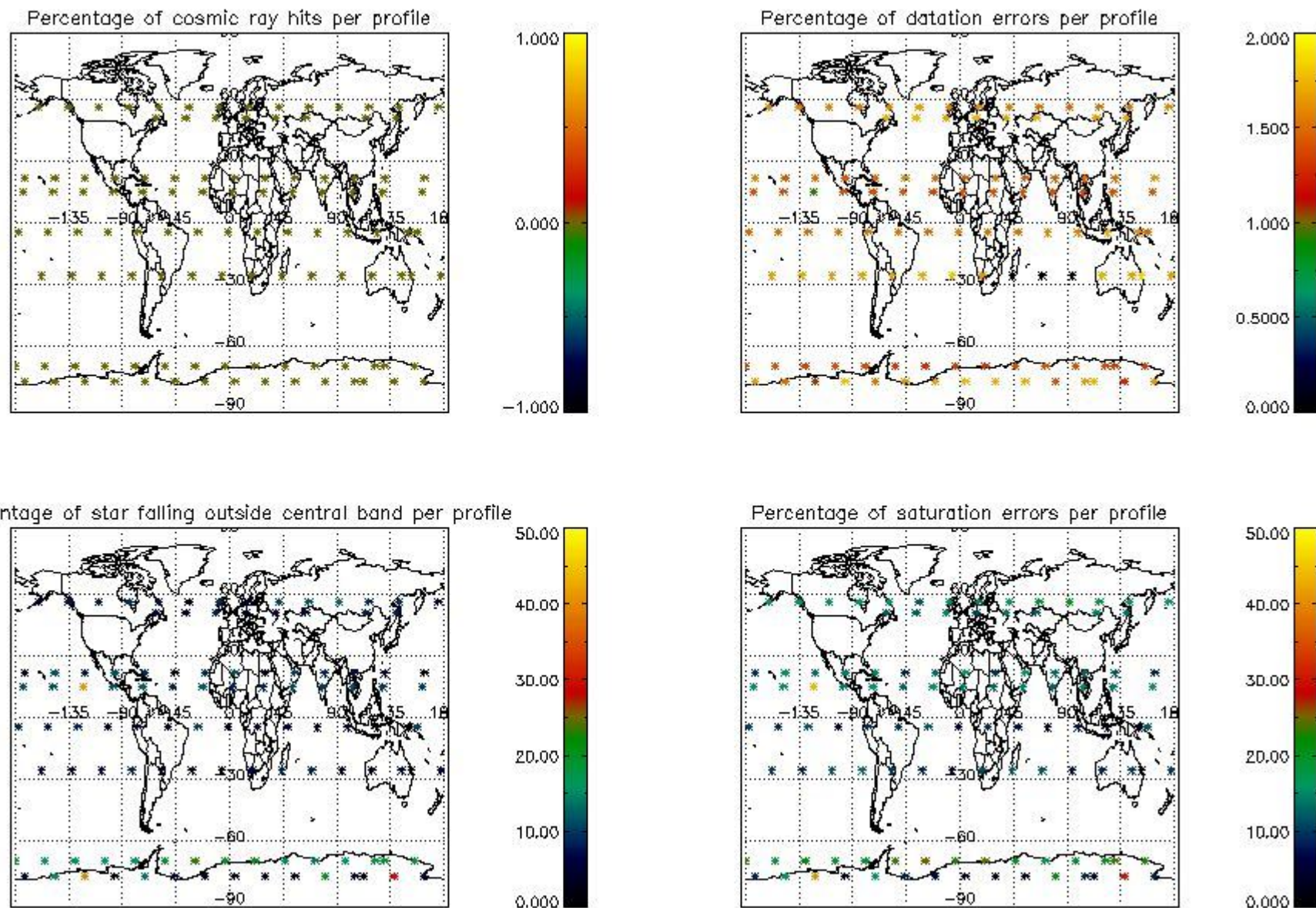


Percentage of saturation errors per profile



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

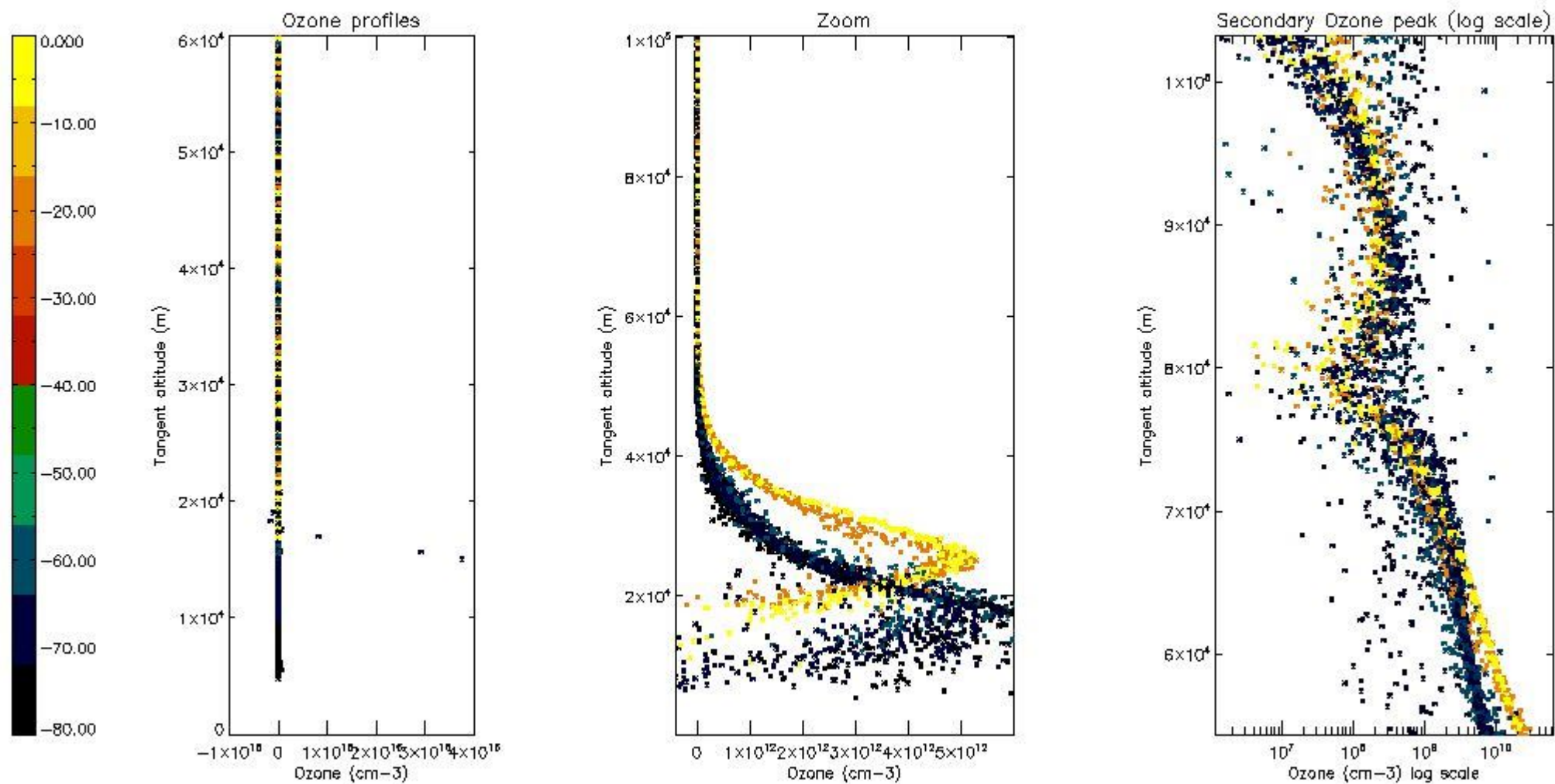
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	23

STD < 10	18
STD < 5	13

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

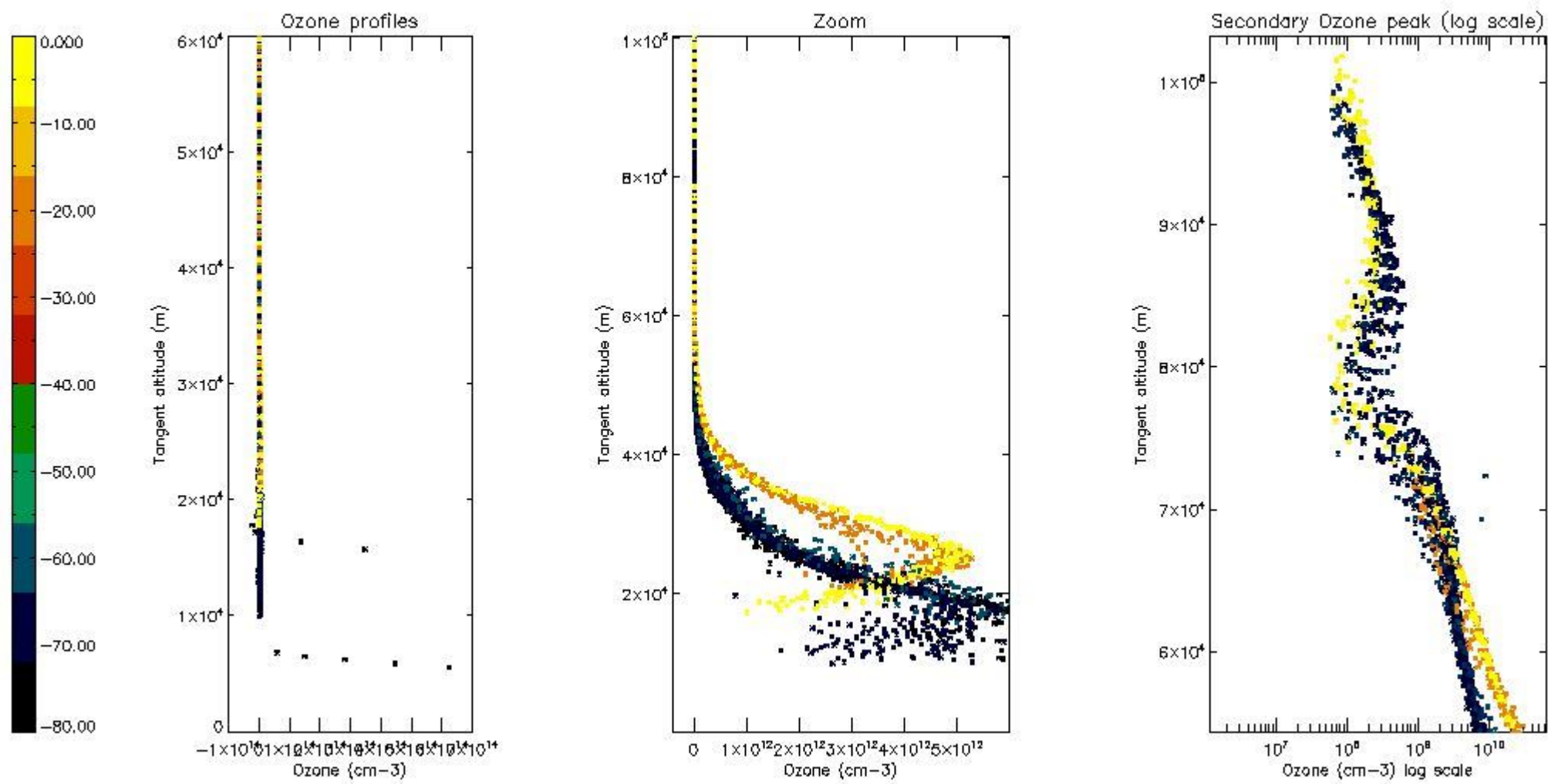
The colorbar represents the latitude.



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

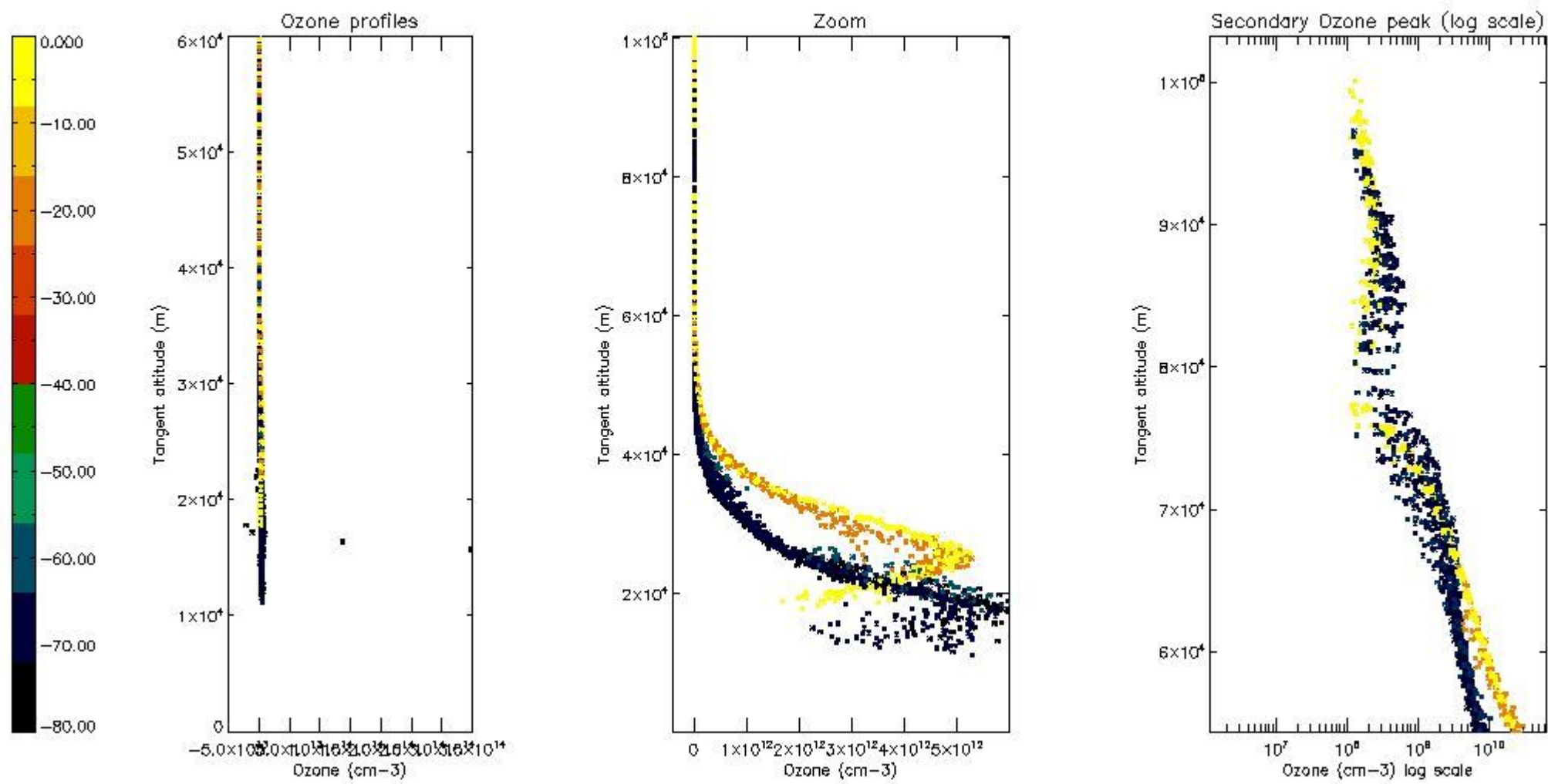
The colorbar represents the latitude.





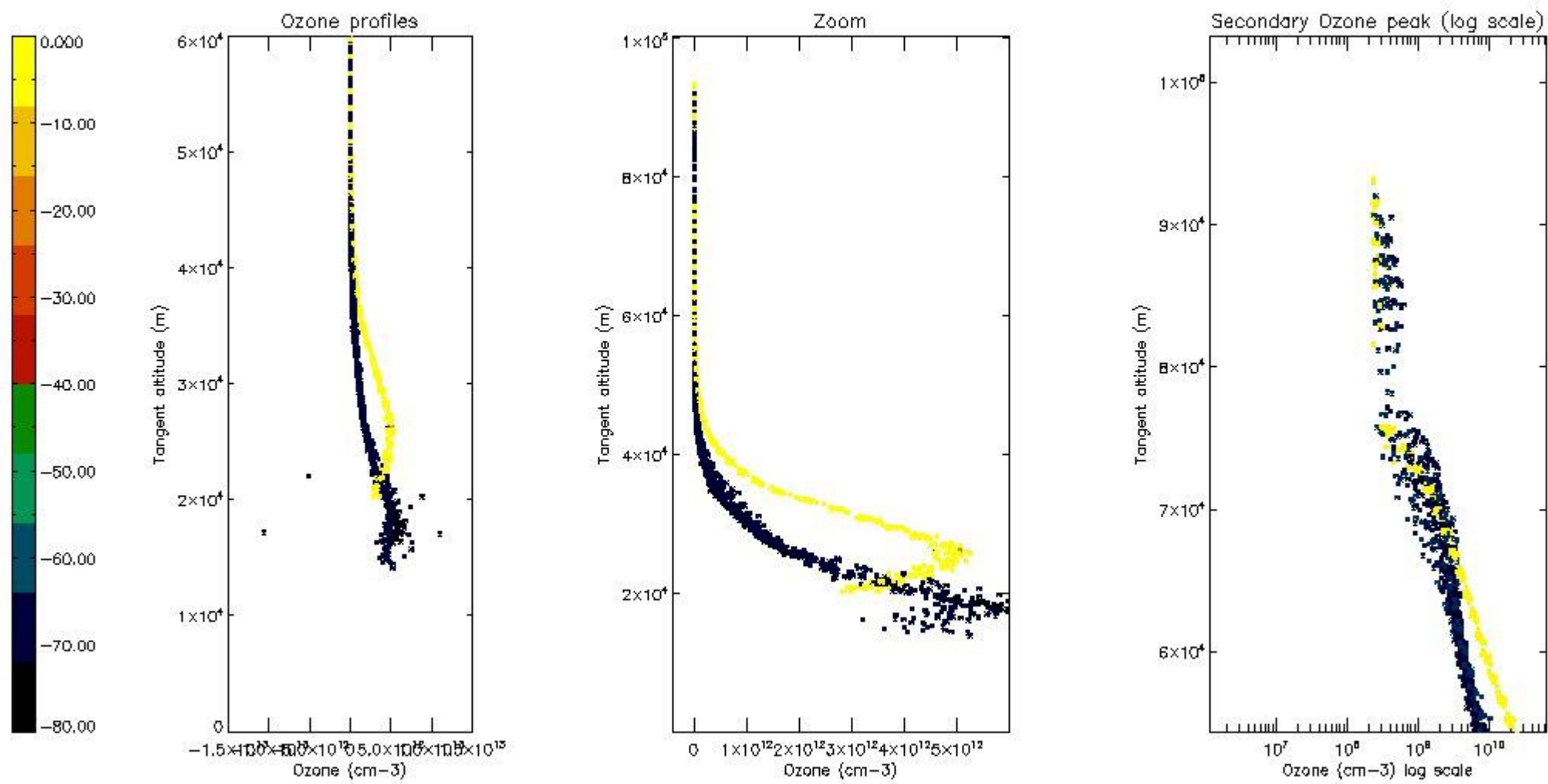
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



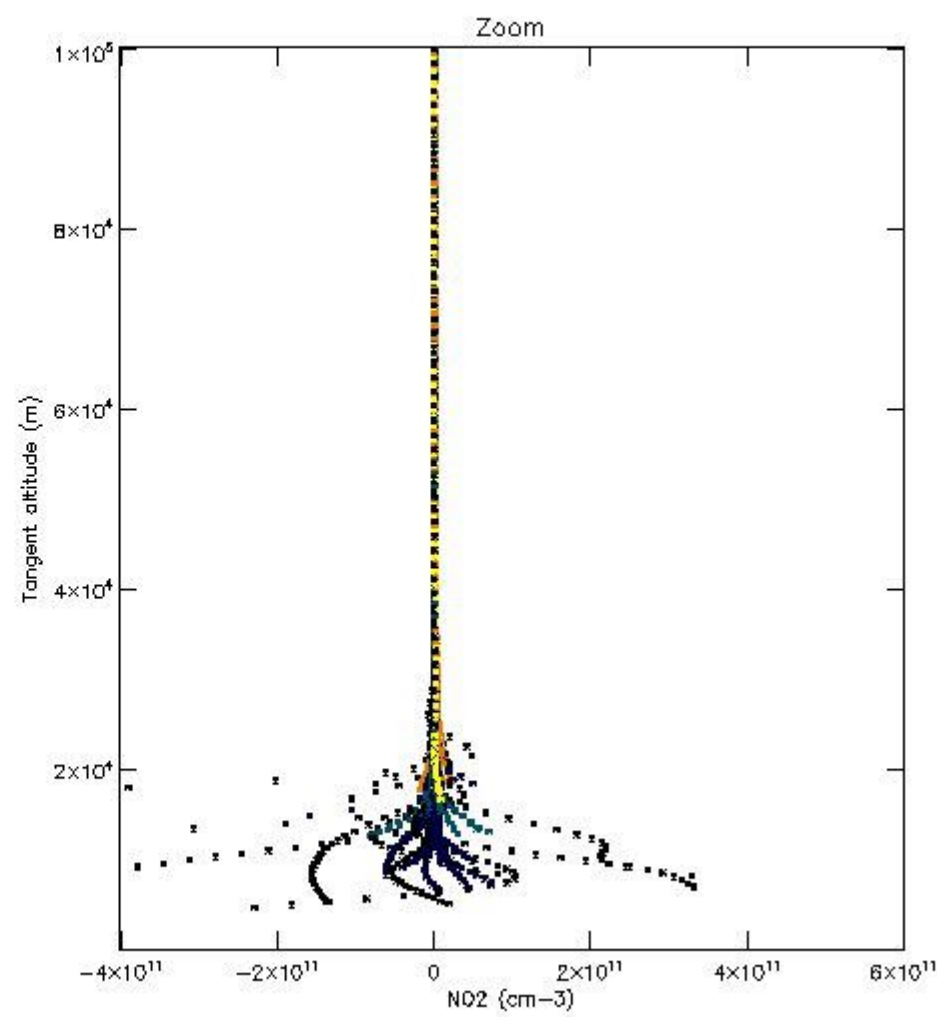
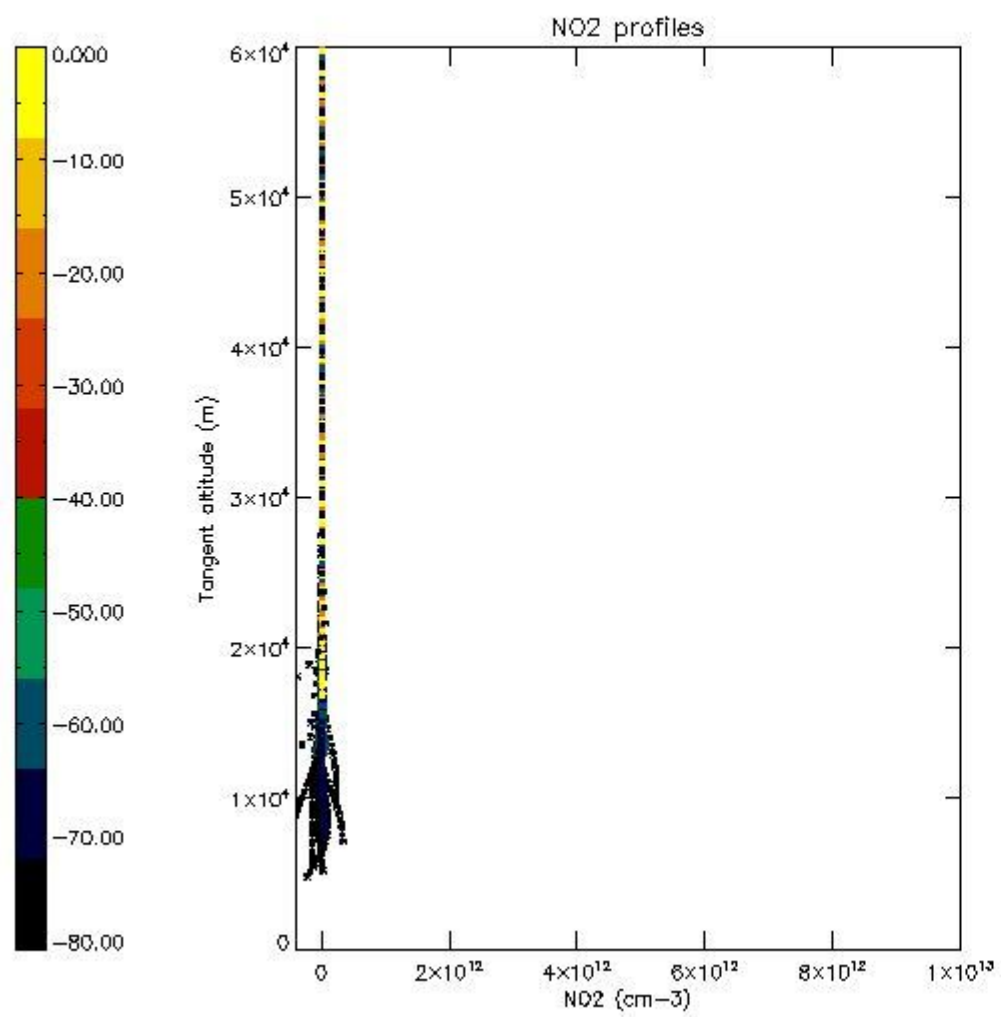
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

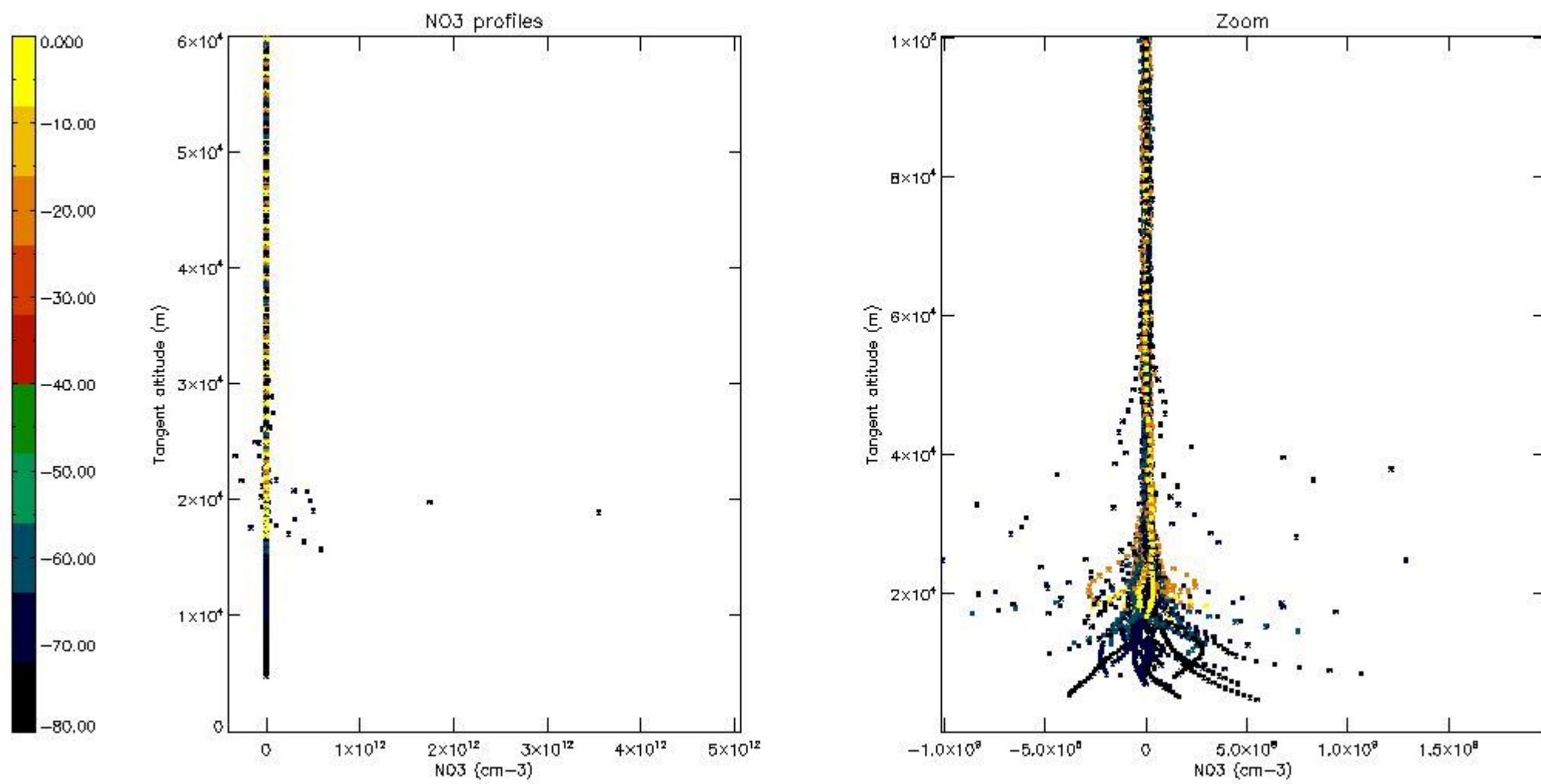
The colorbar represents the latitude.



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

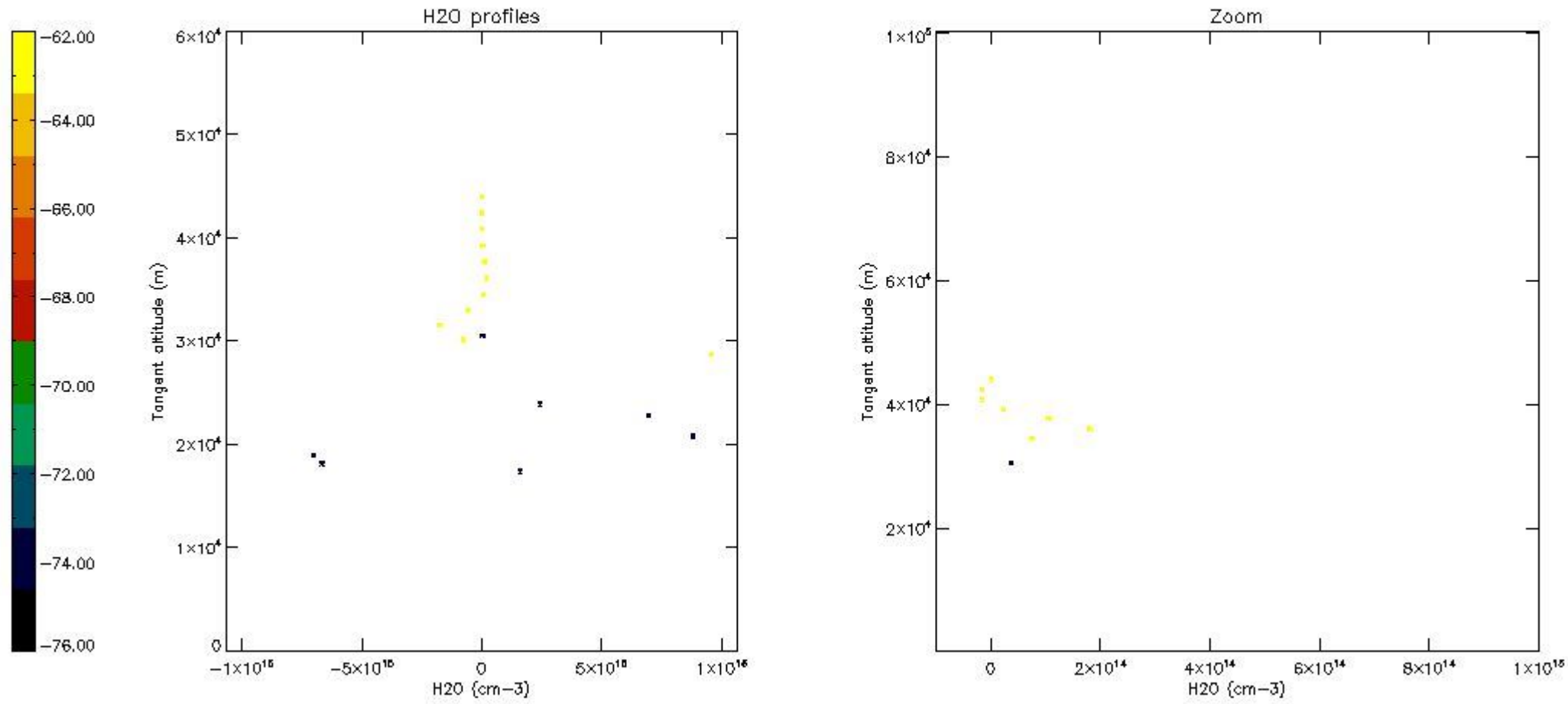
The colorbar represents the latitude.





*5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)*

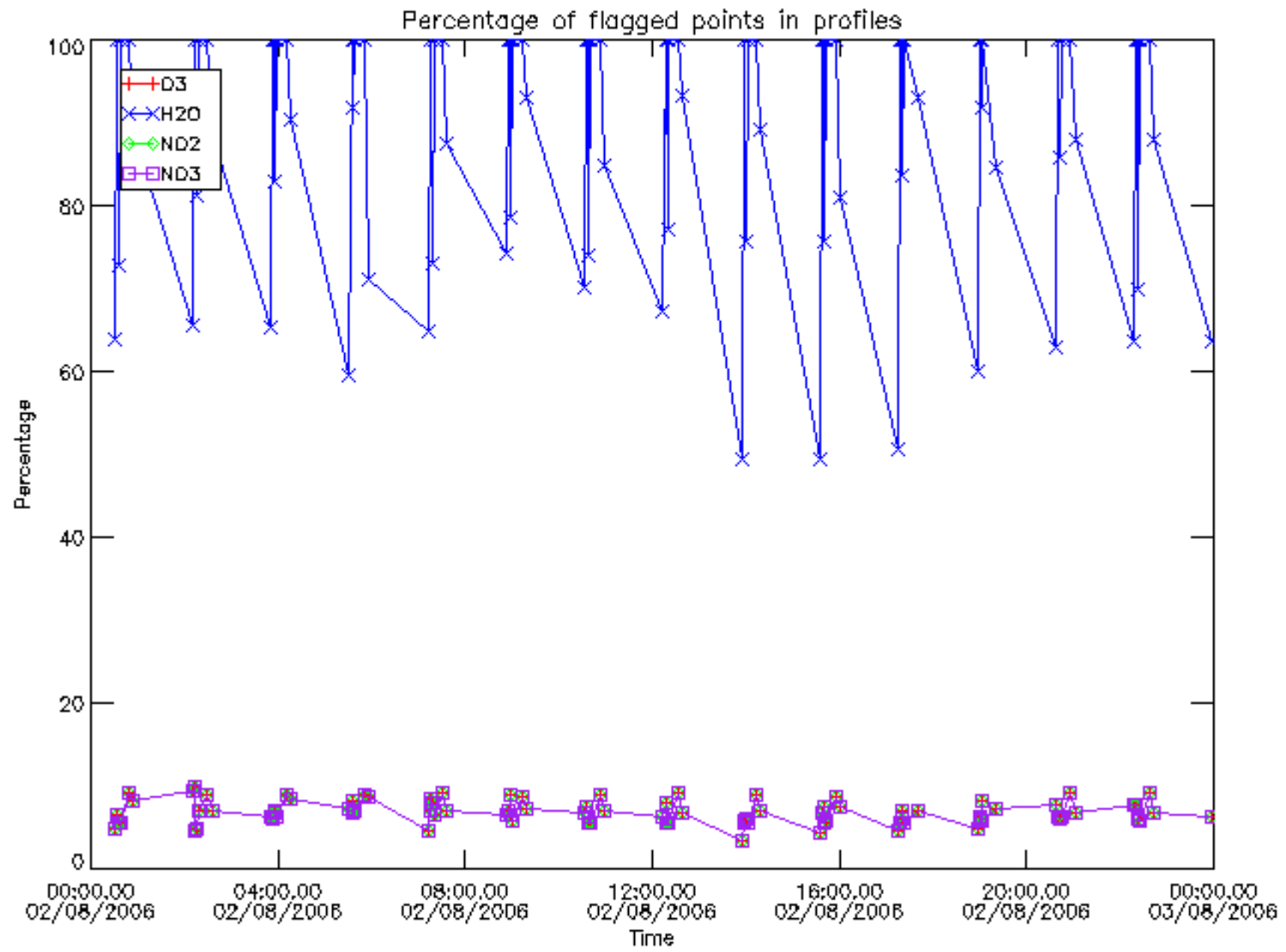
The colorbar represents the latitude.



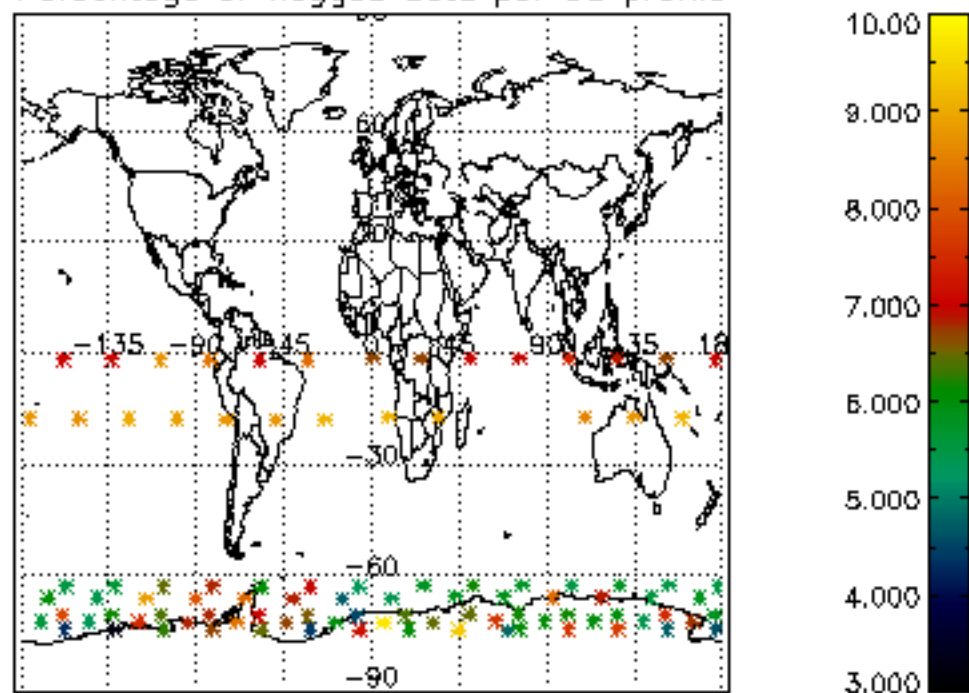
## 6. Auxiliary Data Files used for the production reported in section 2

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.

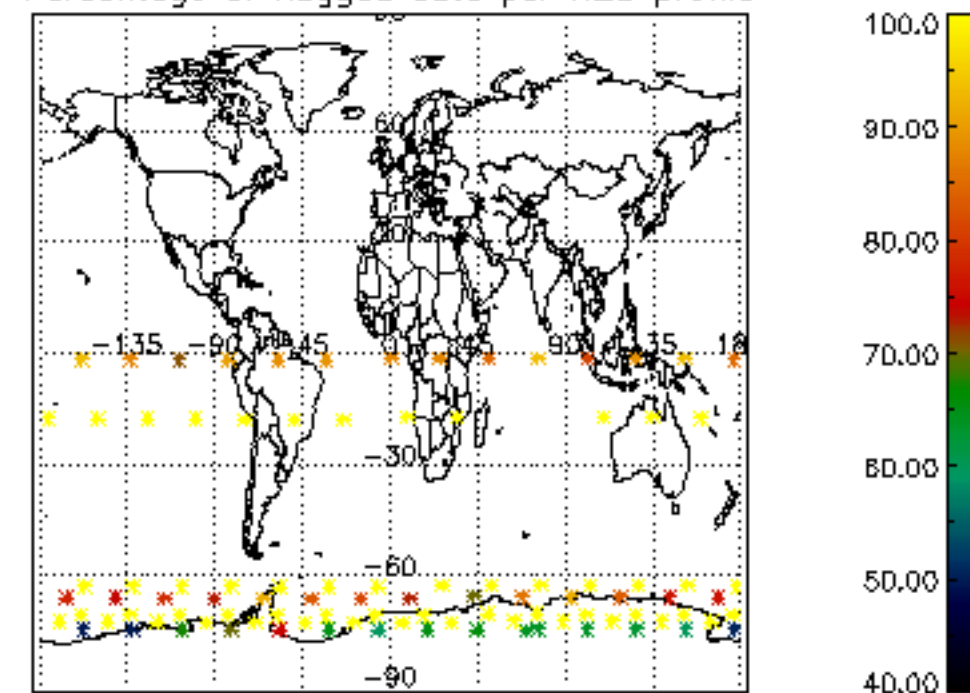
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2006 00:00:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2006 00:00:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2006 00:00:13



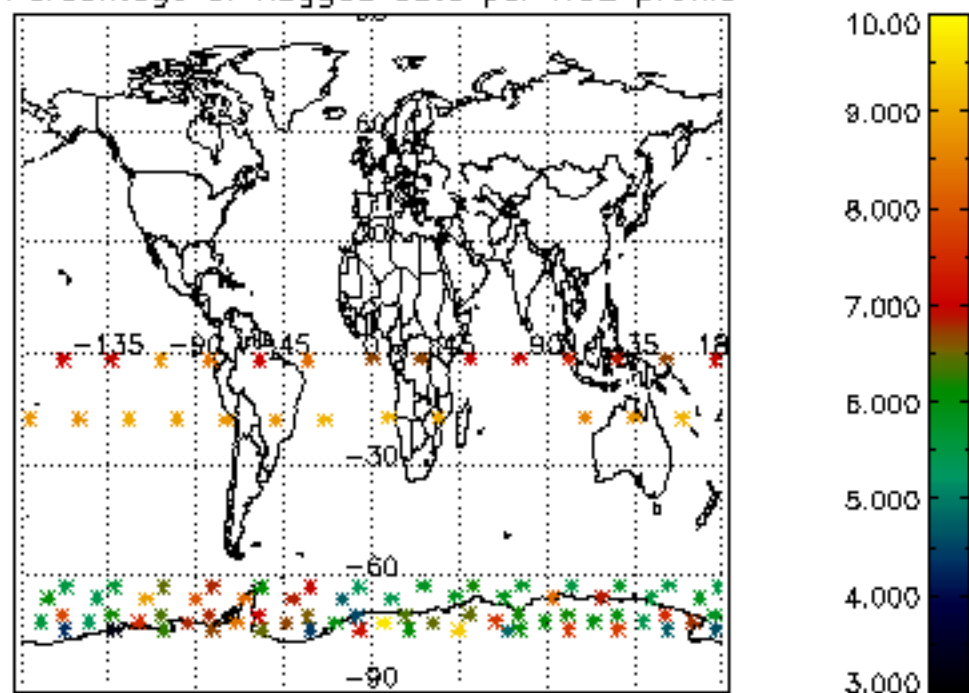
Percentage of flagged data per D3 profile



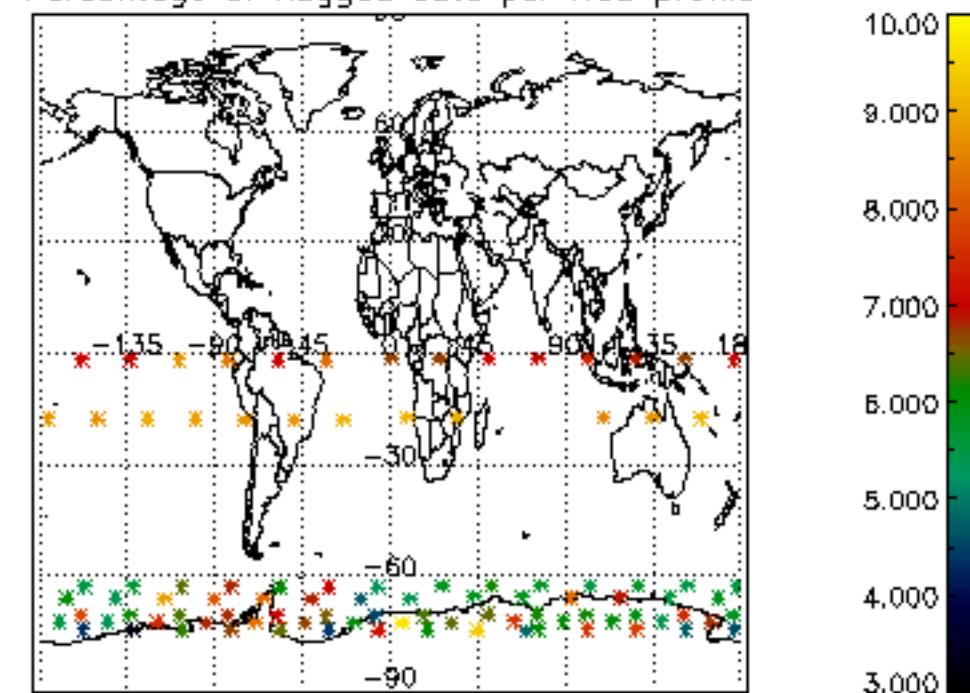
Percentage of flagged data per H2O profile



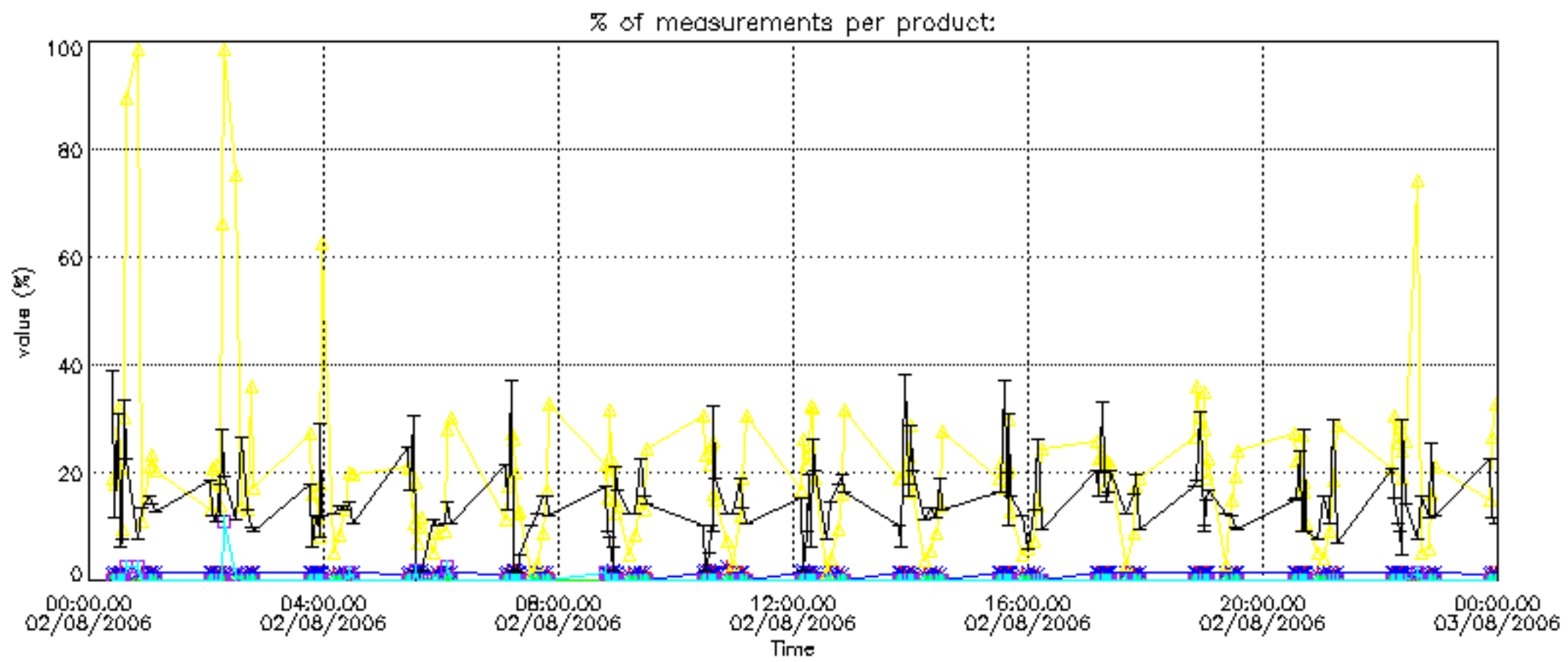
Percentage of flagged data per NO2 profile

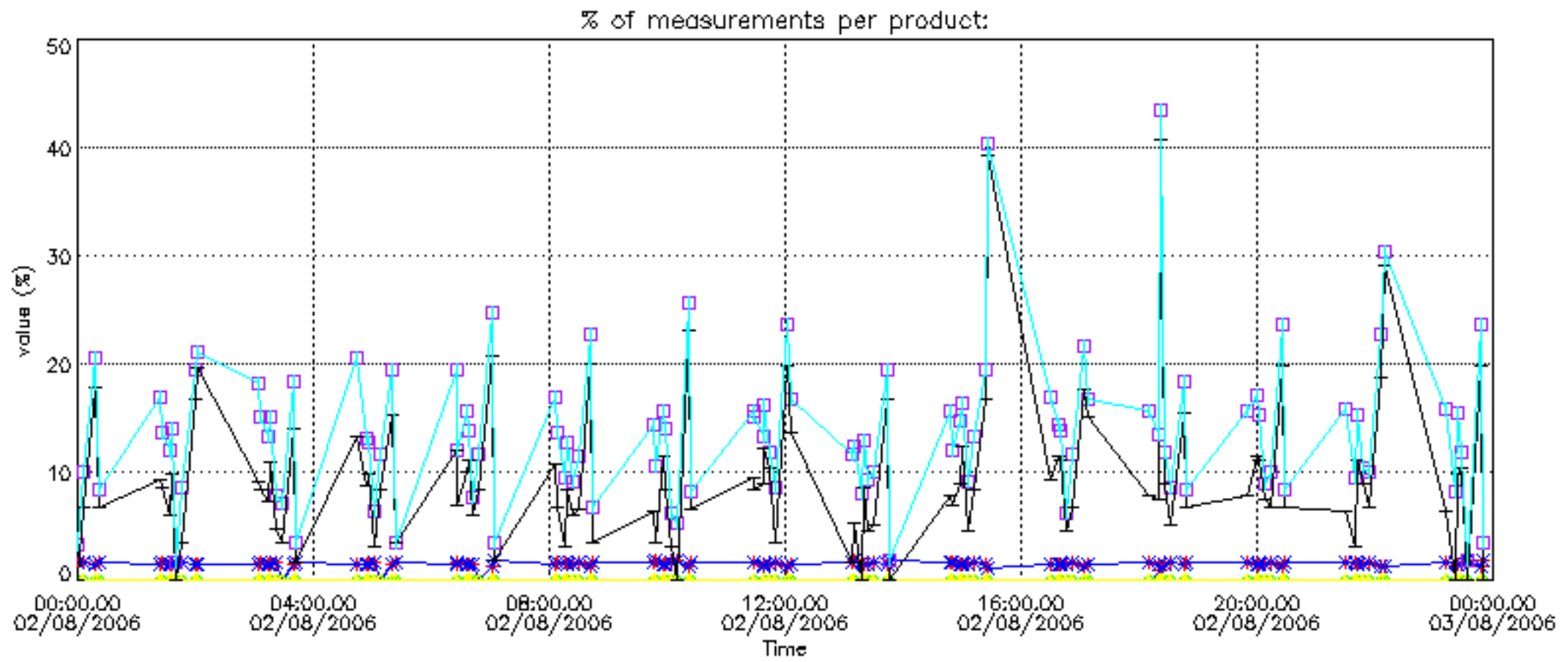


Percentage of flagged data per NO3 profile

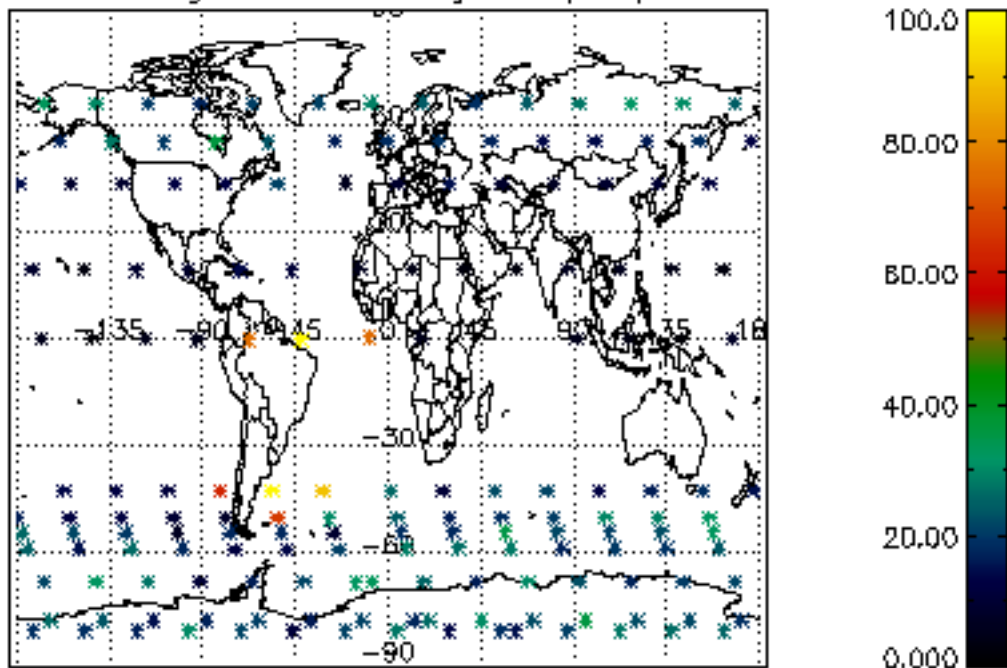




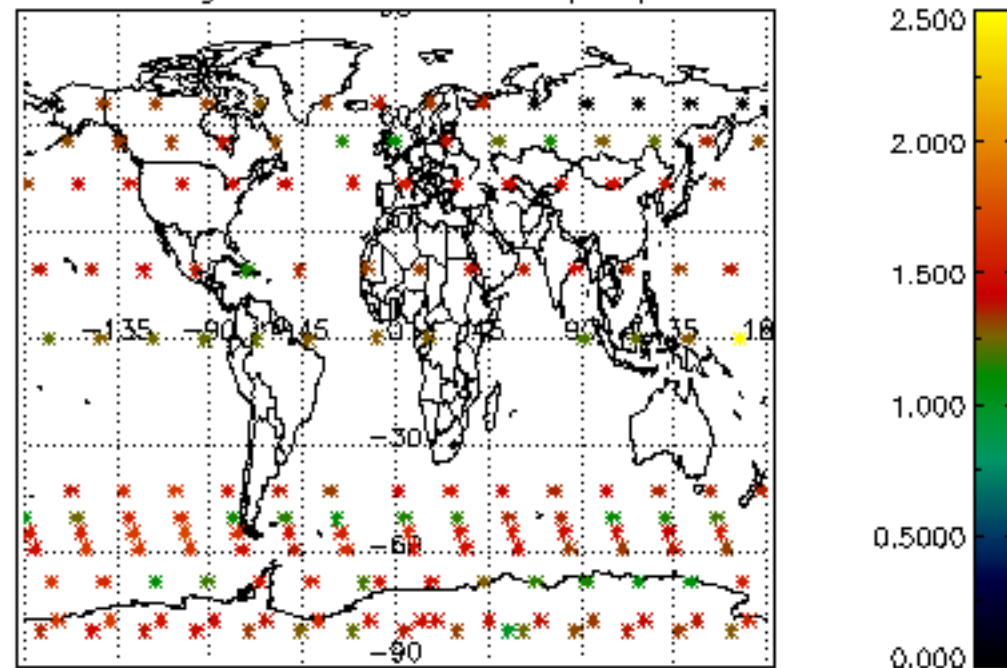




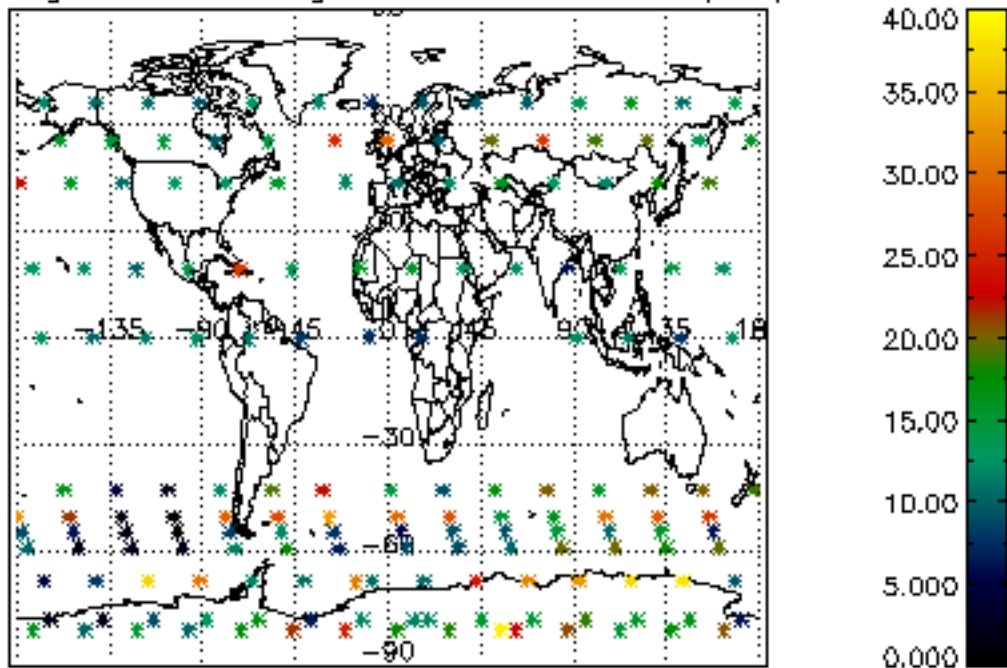
Percentage of cosmic ray hits per profile



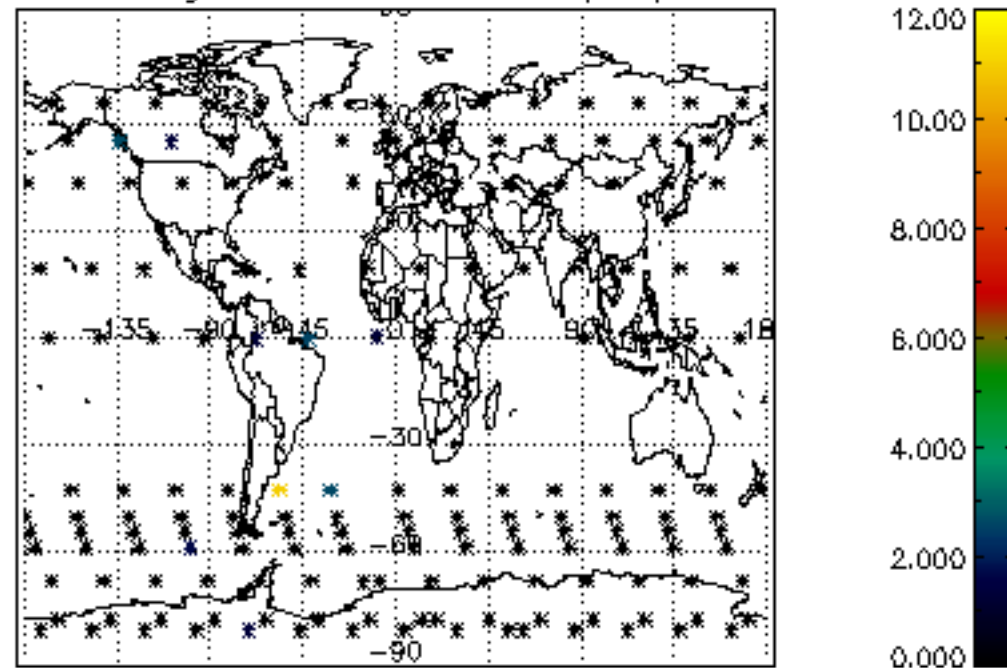
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

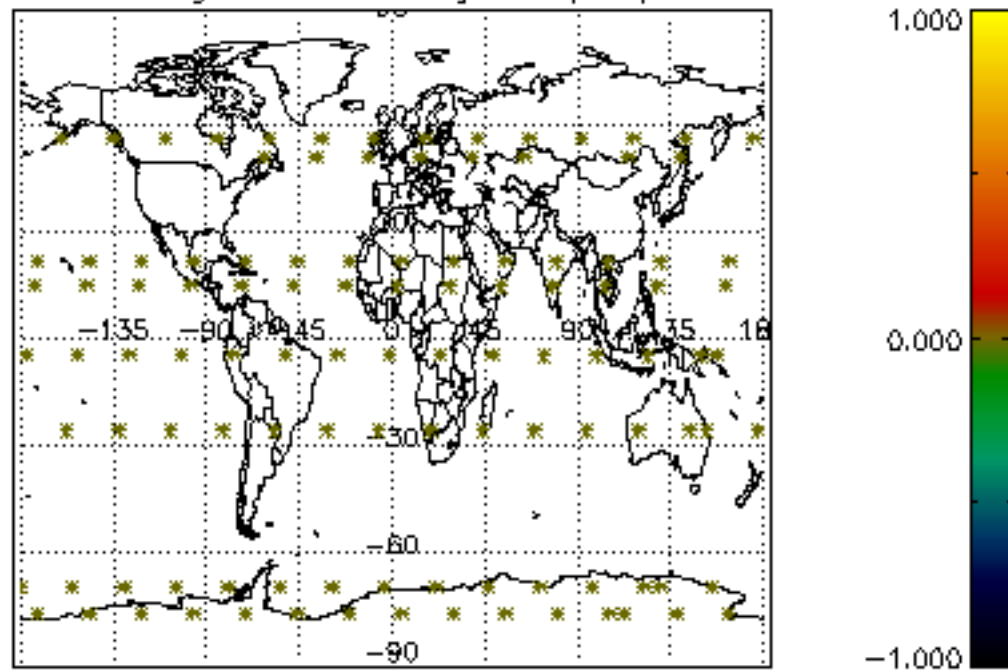


Percentage of saturation errors per profile

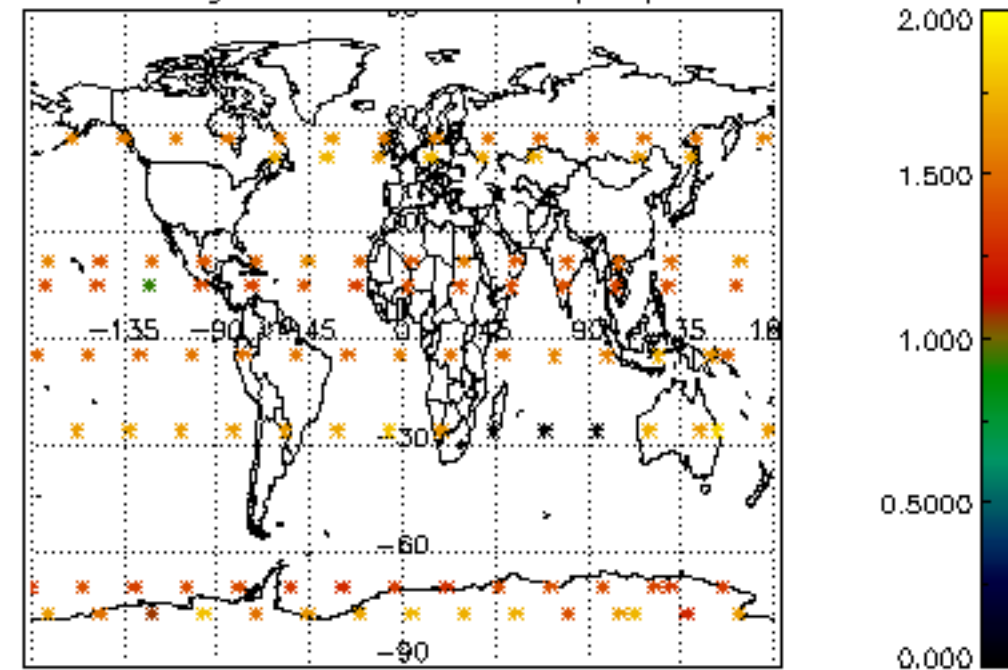




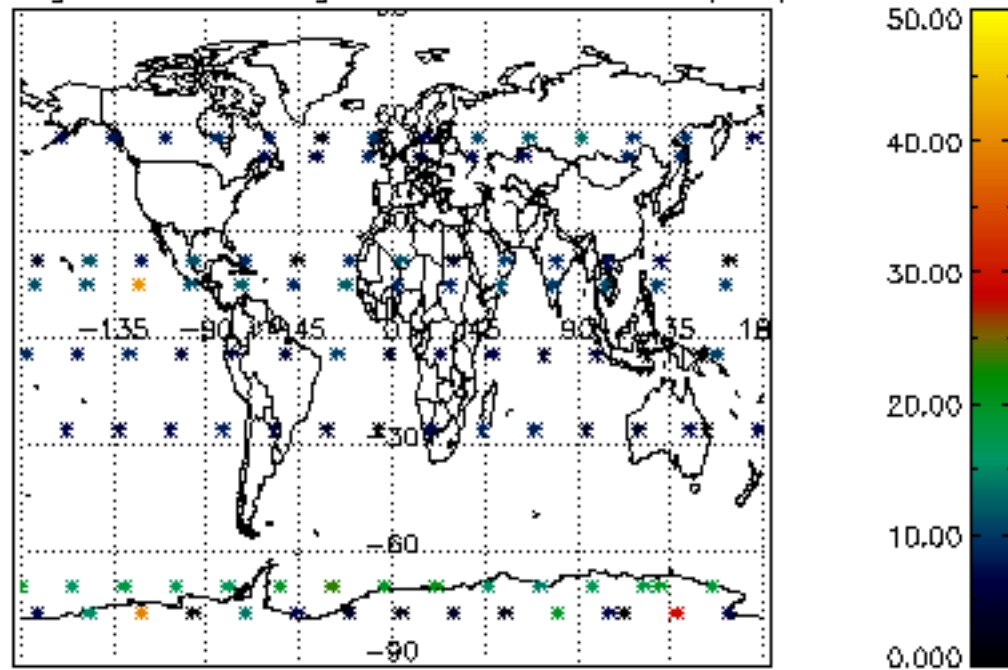
Percentage of cosmic ray hits per profile



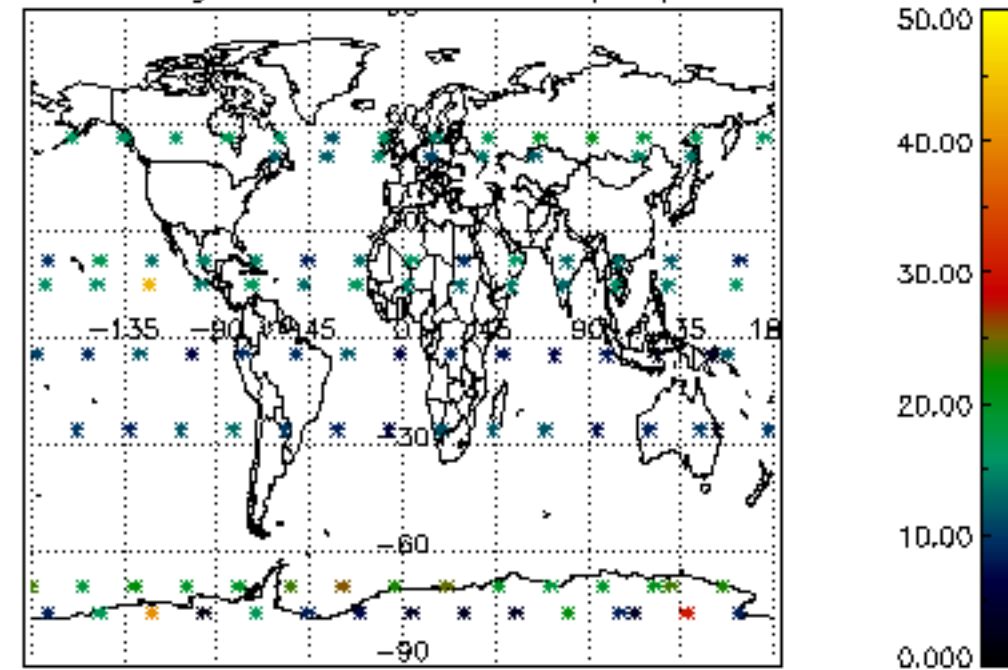
Percentage of datation errors per profile

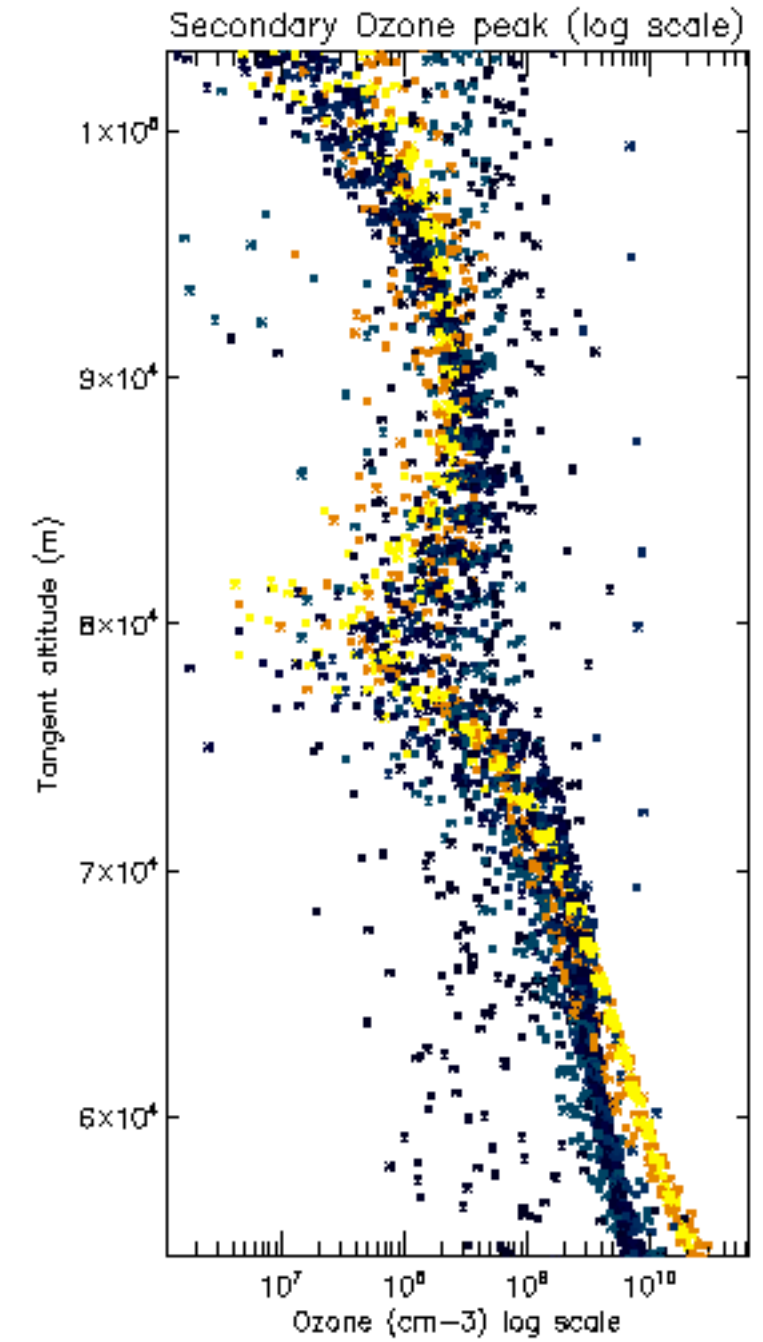
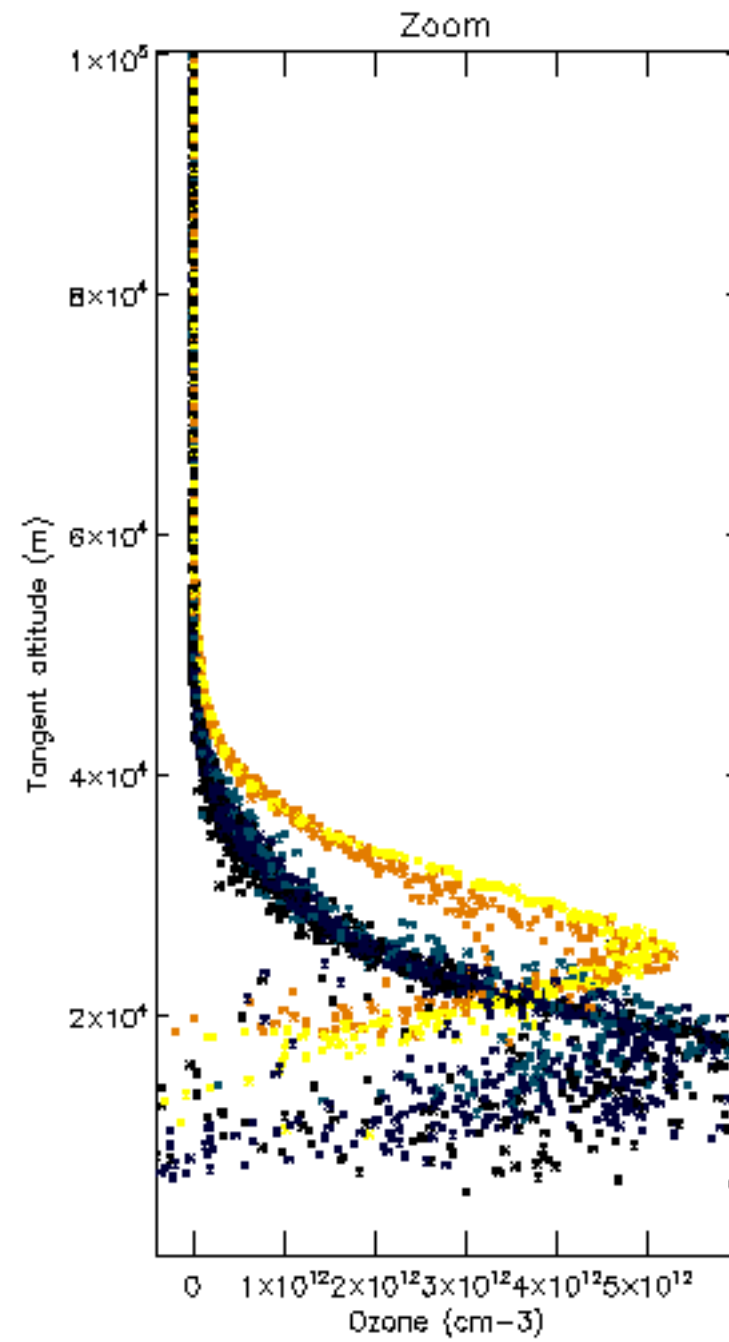
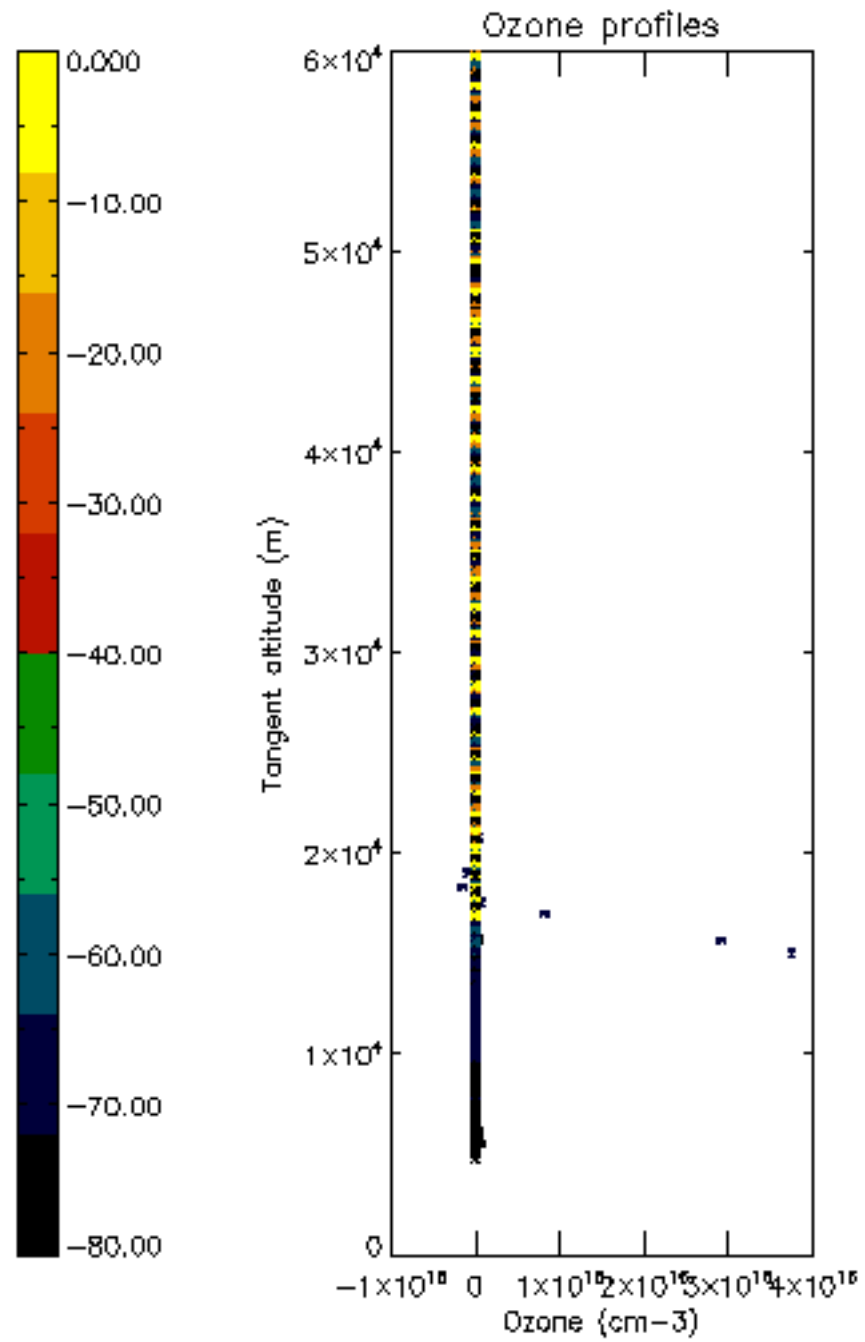


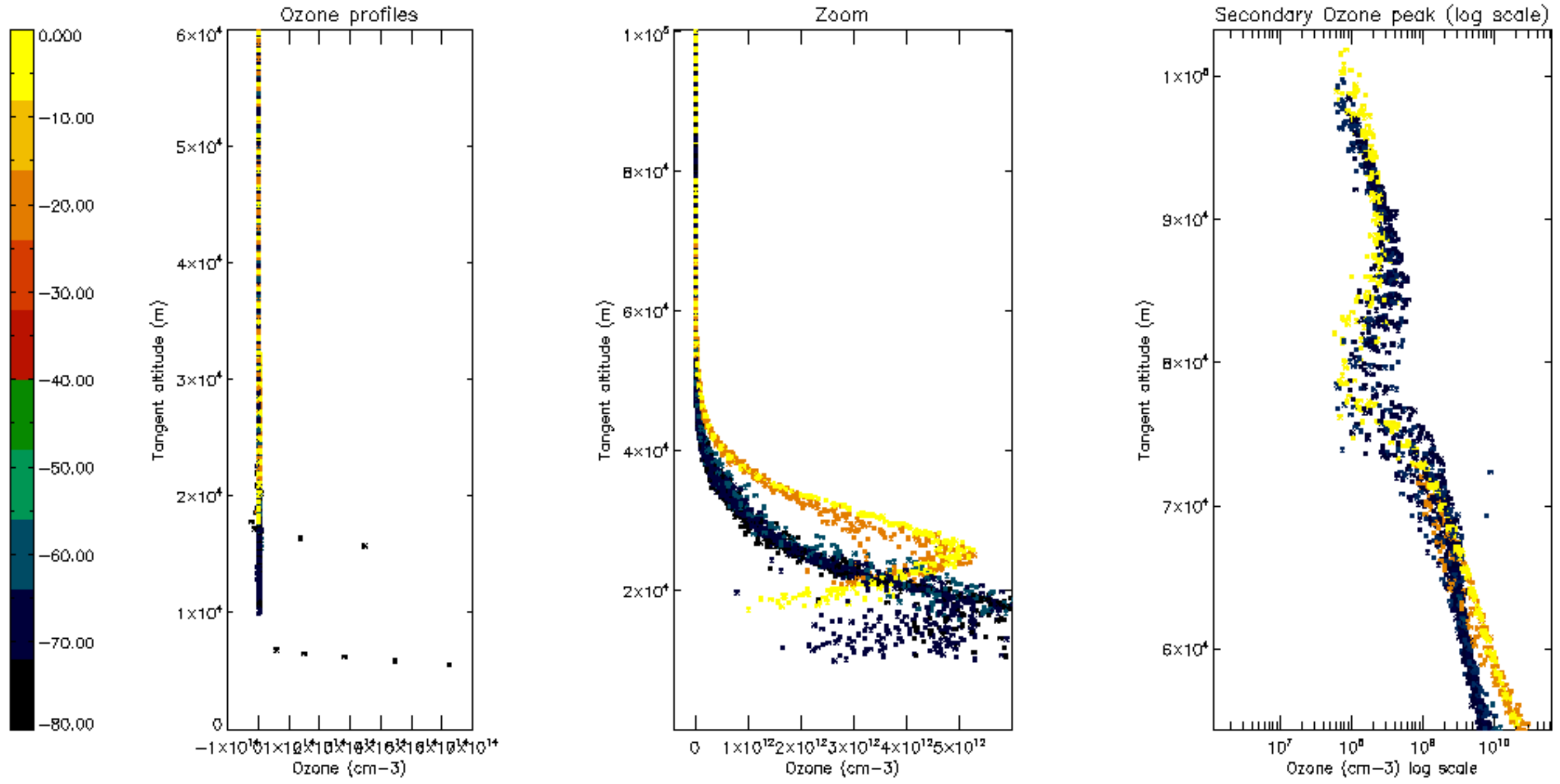
Percentage of star falling outside central band per profile



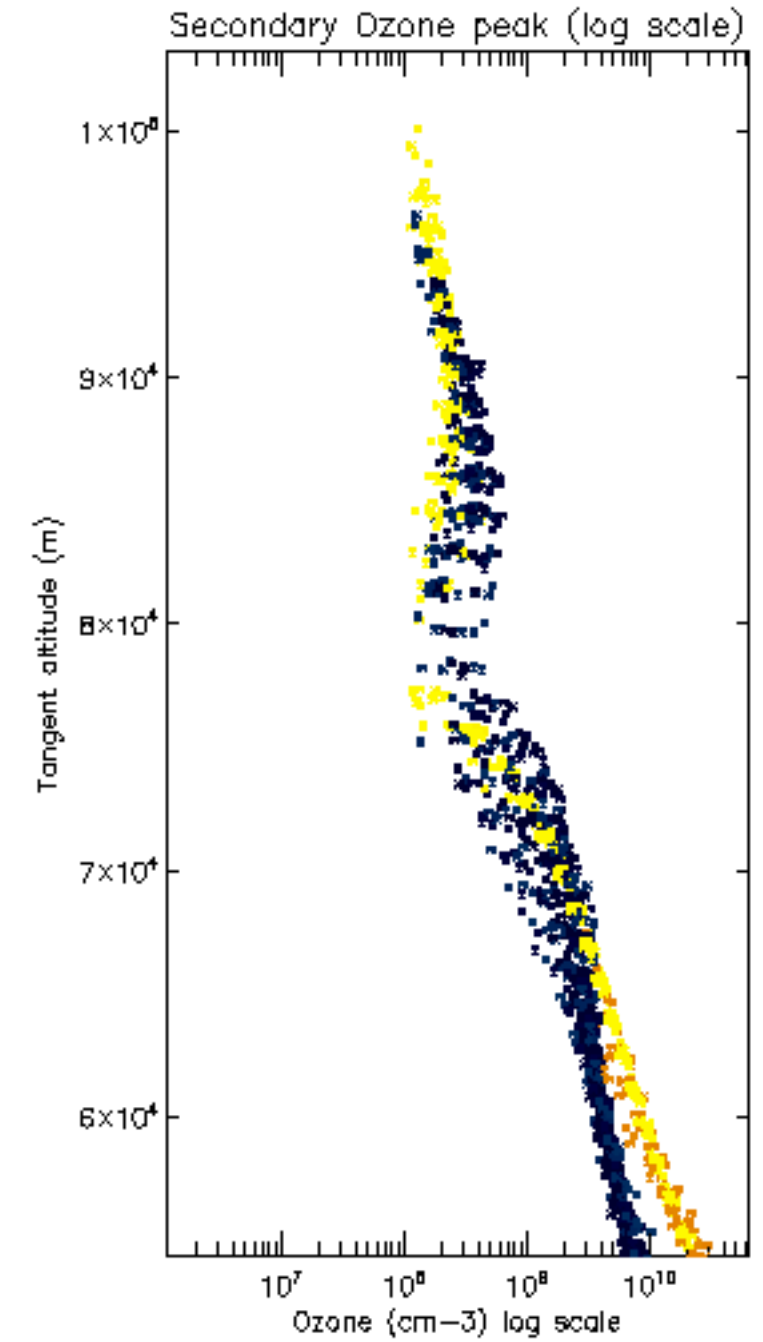
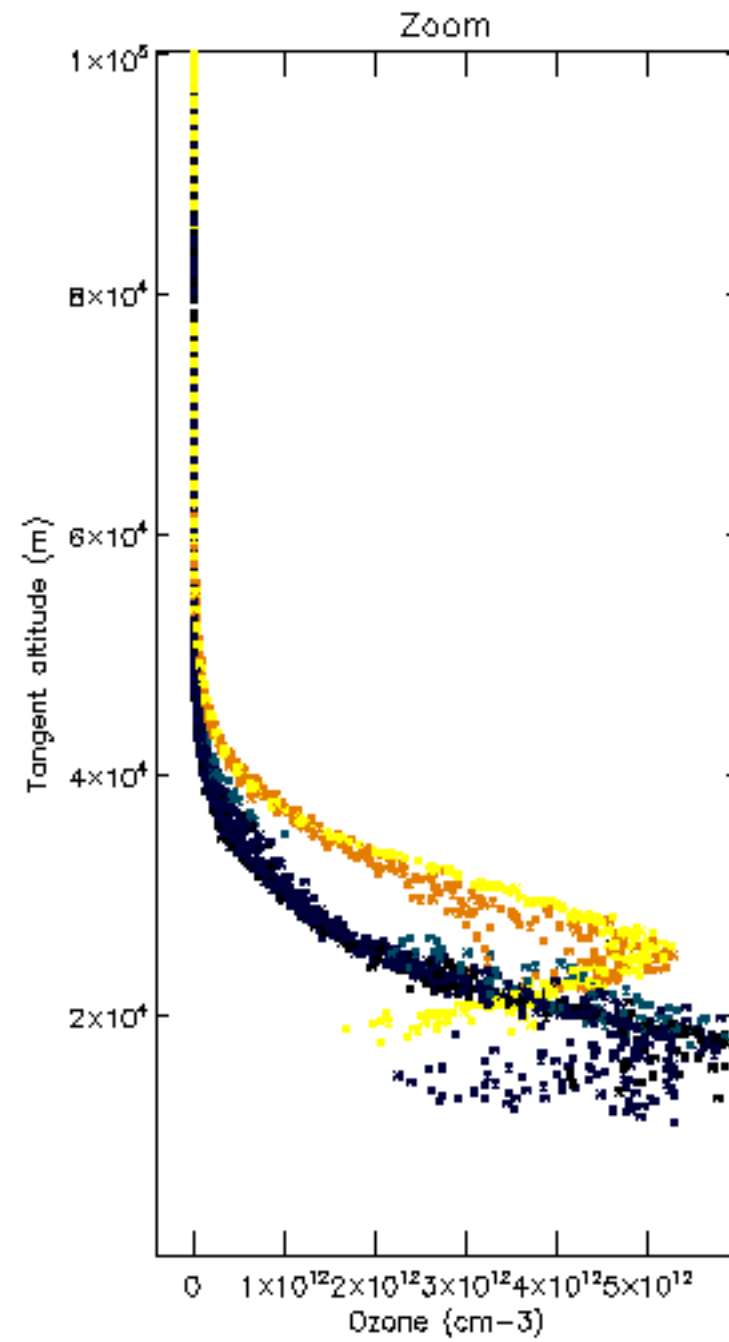
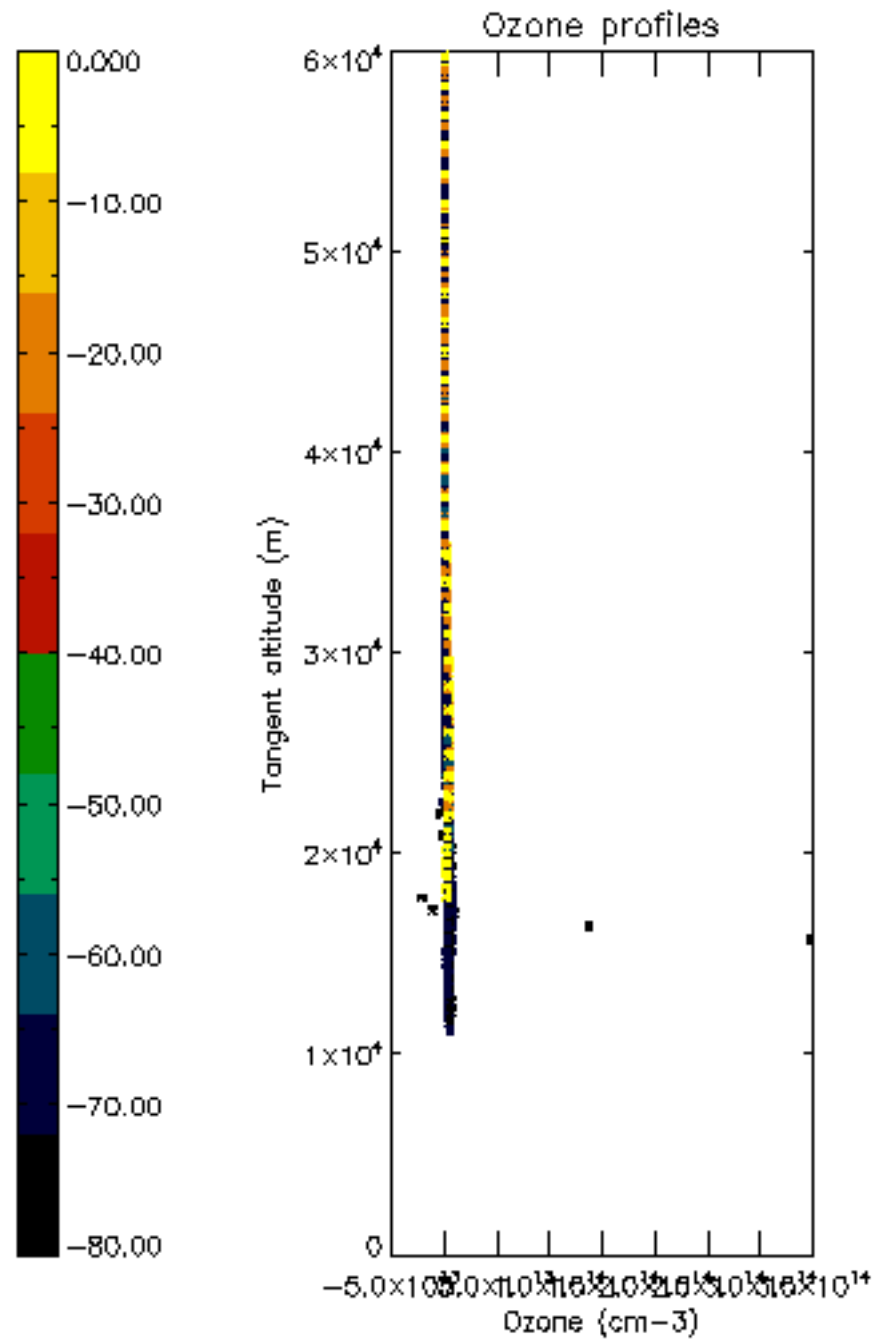
Percentage of saturation errors per profile

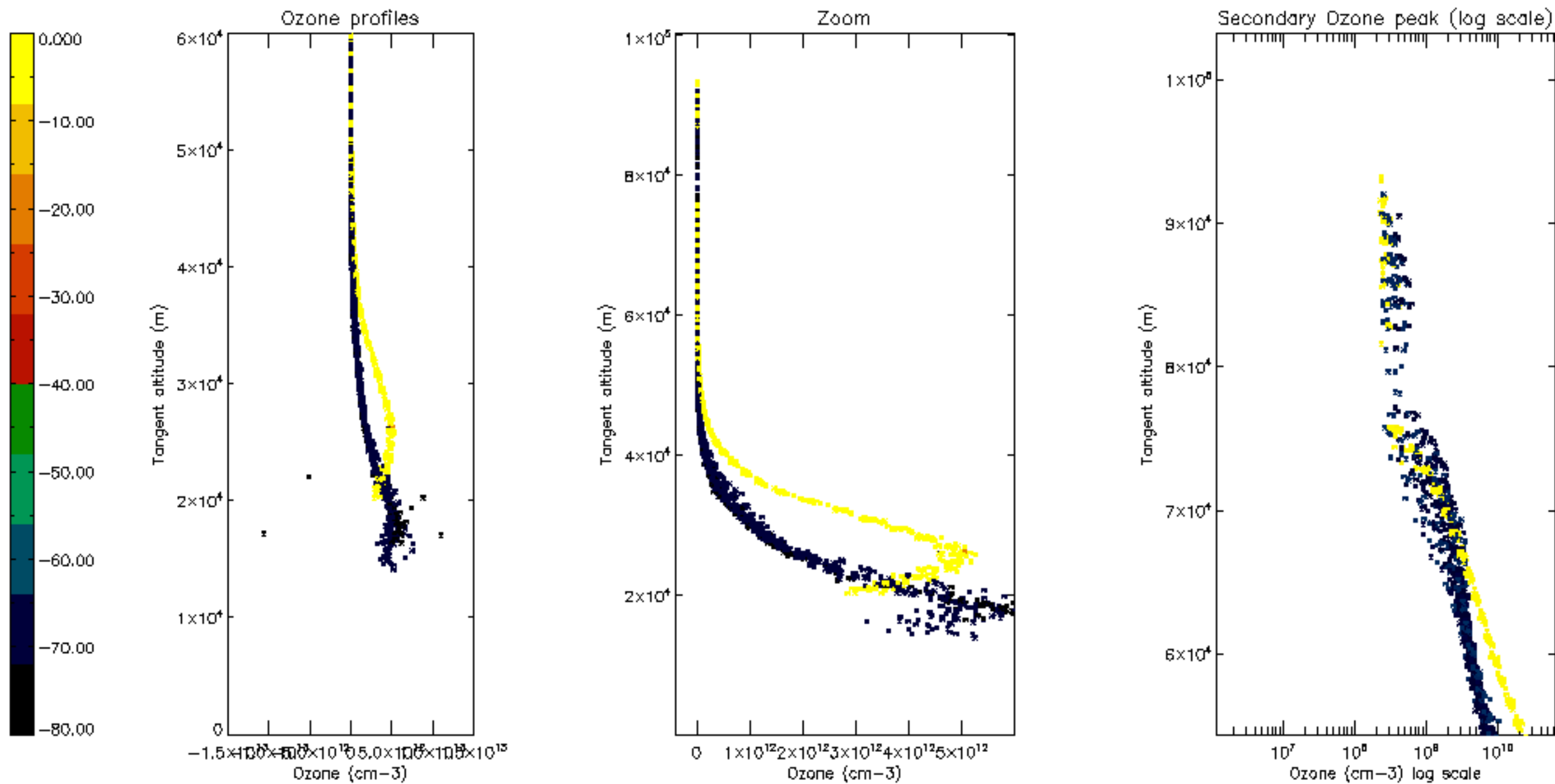


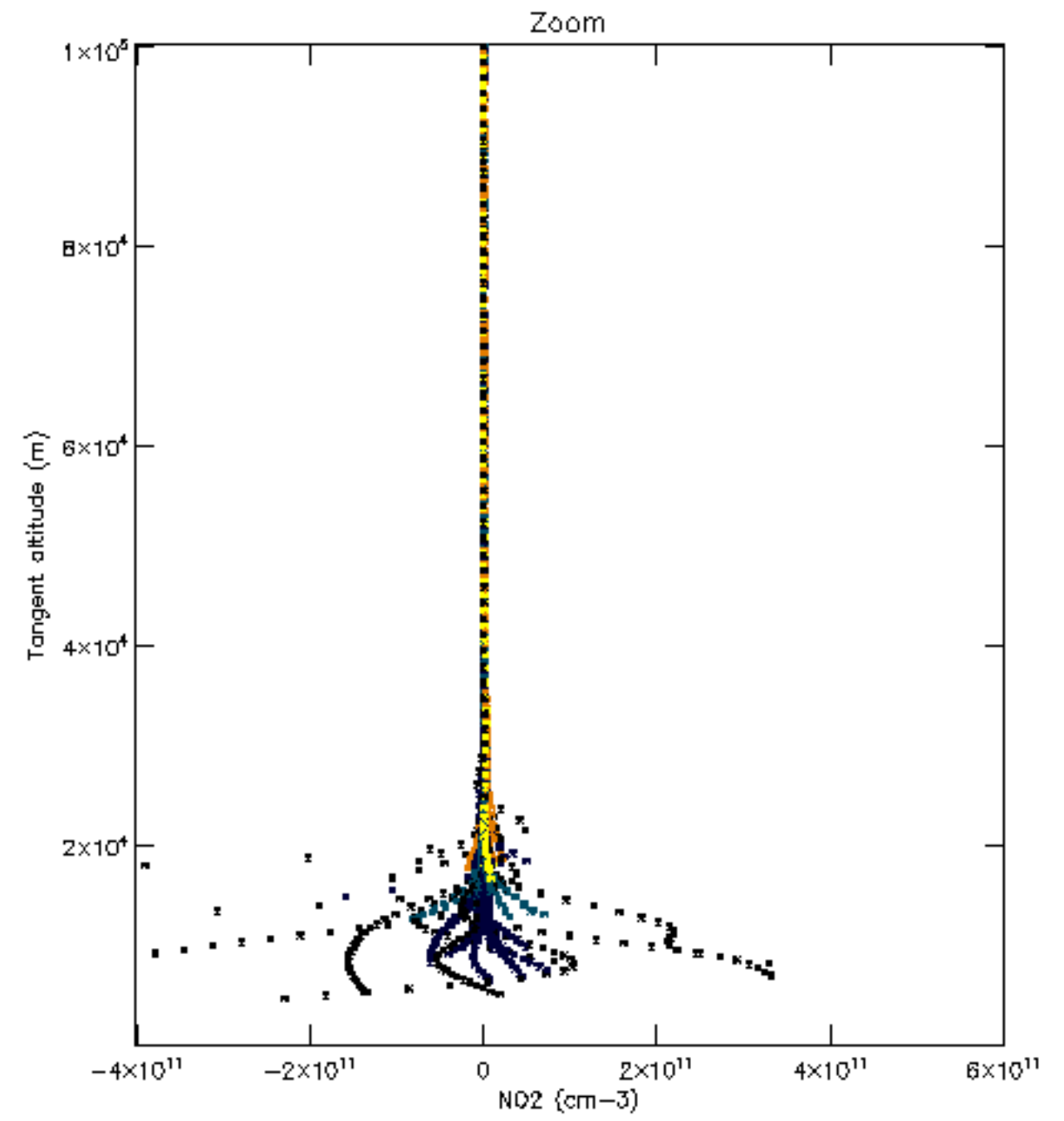
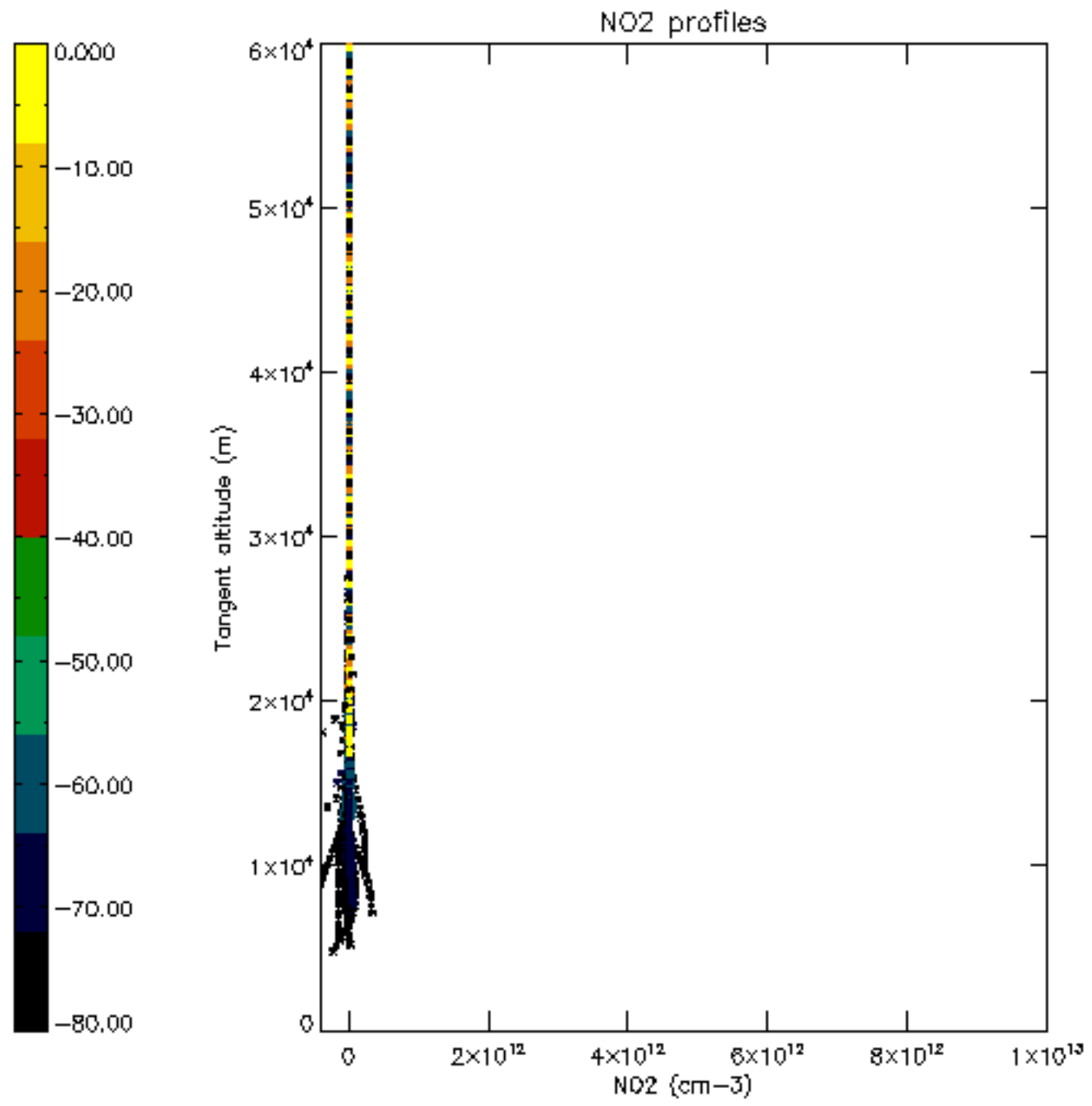




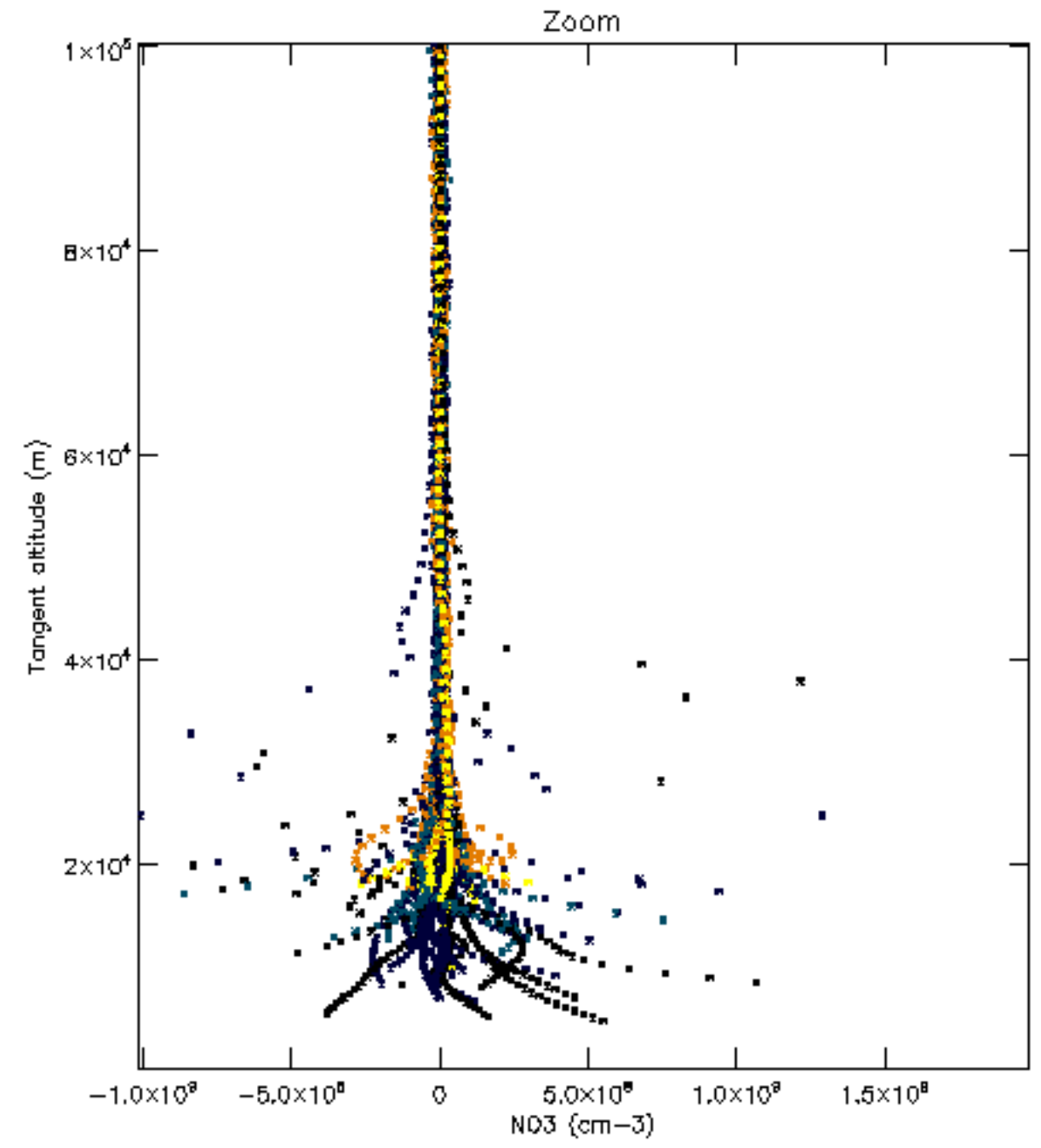
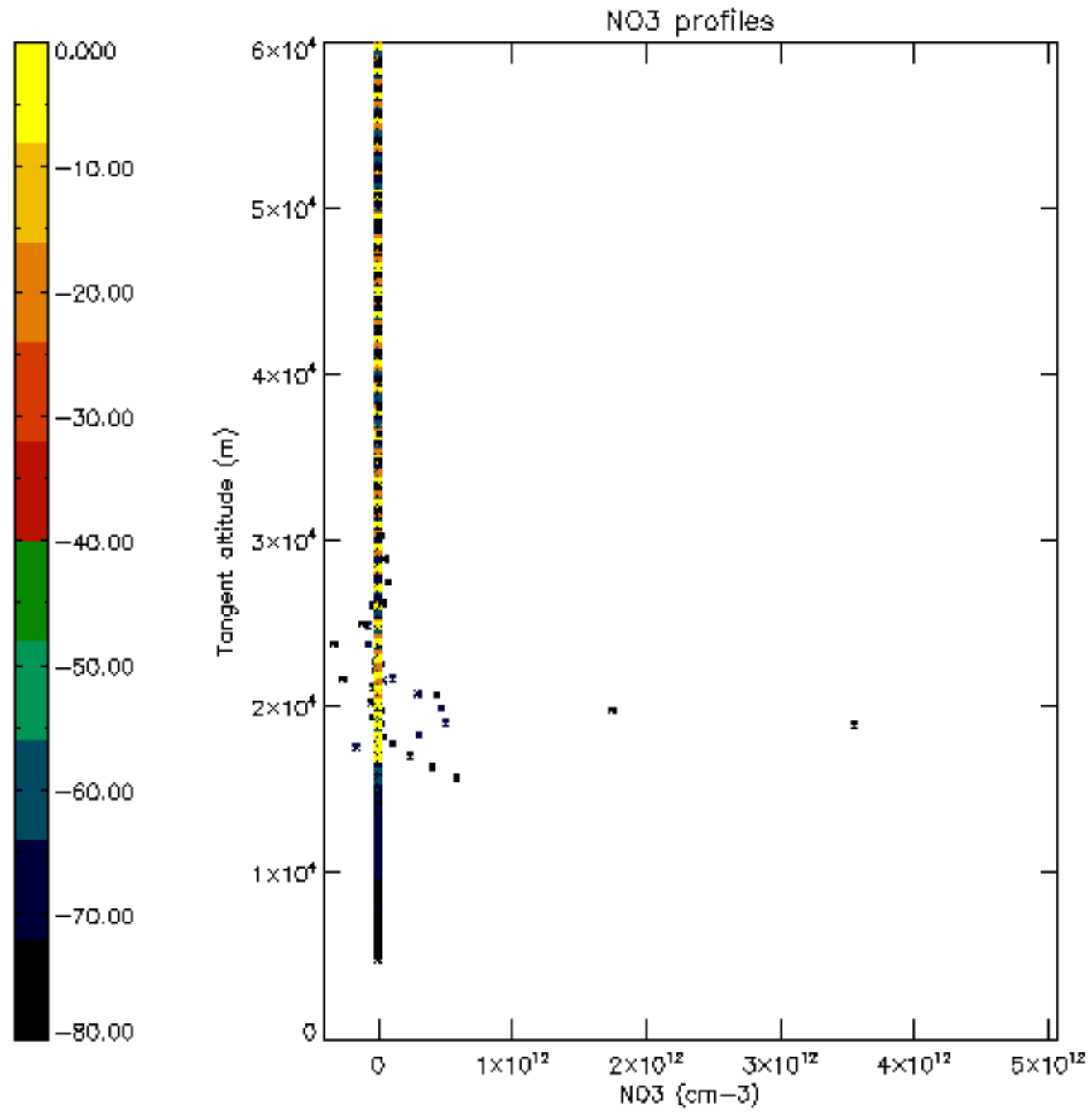


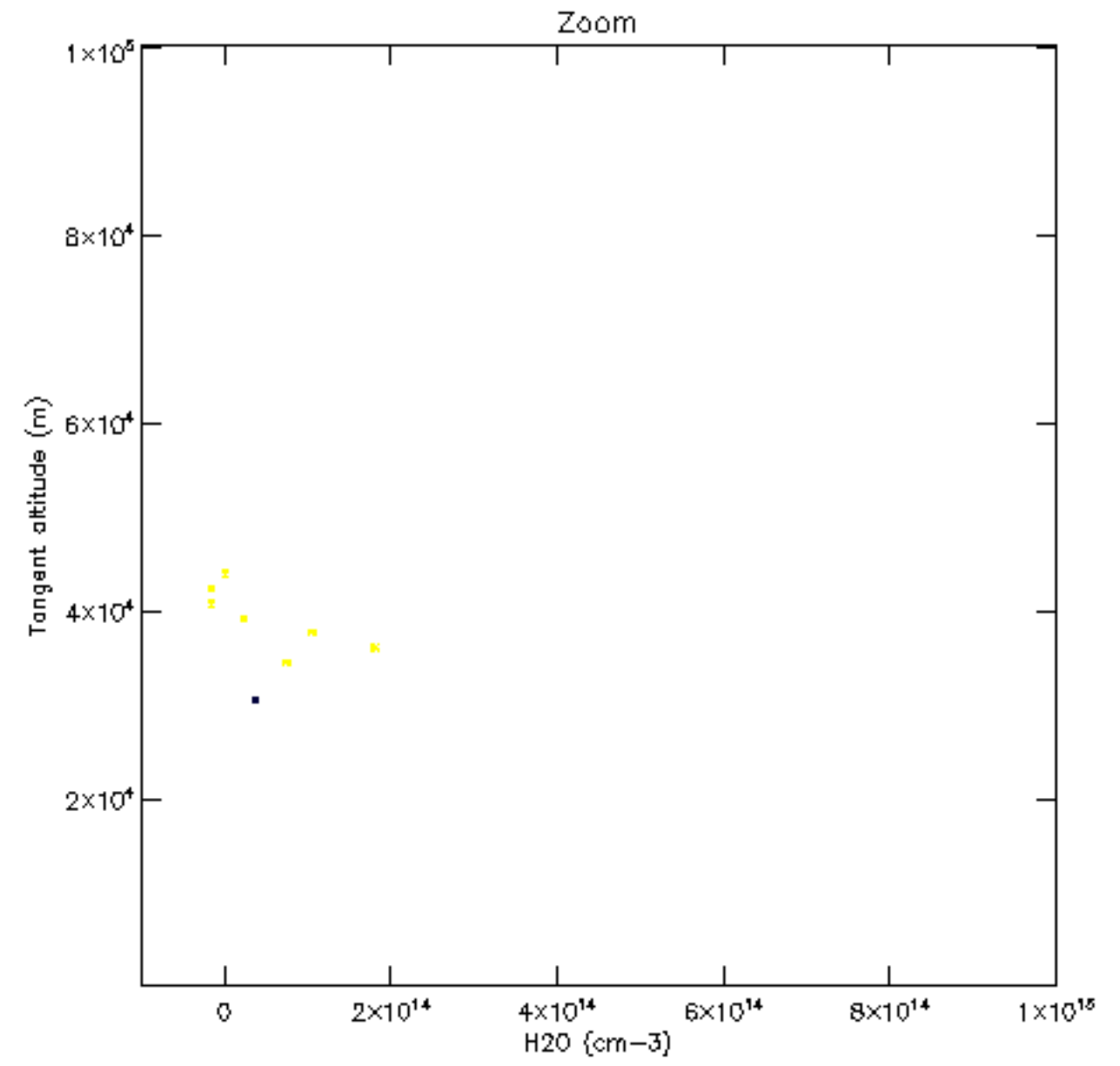
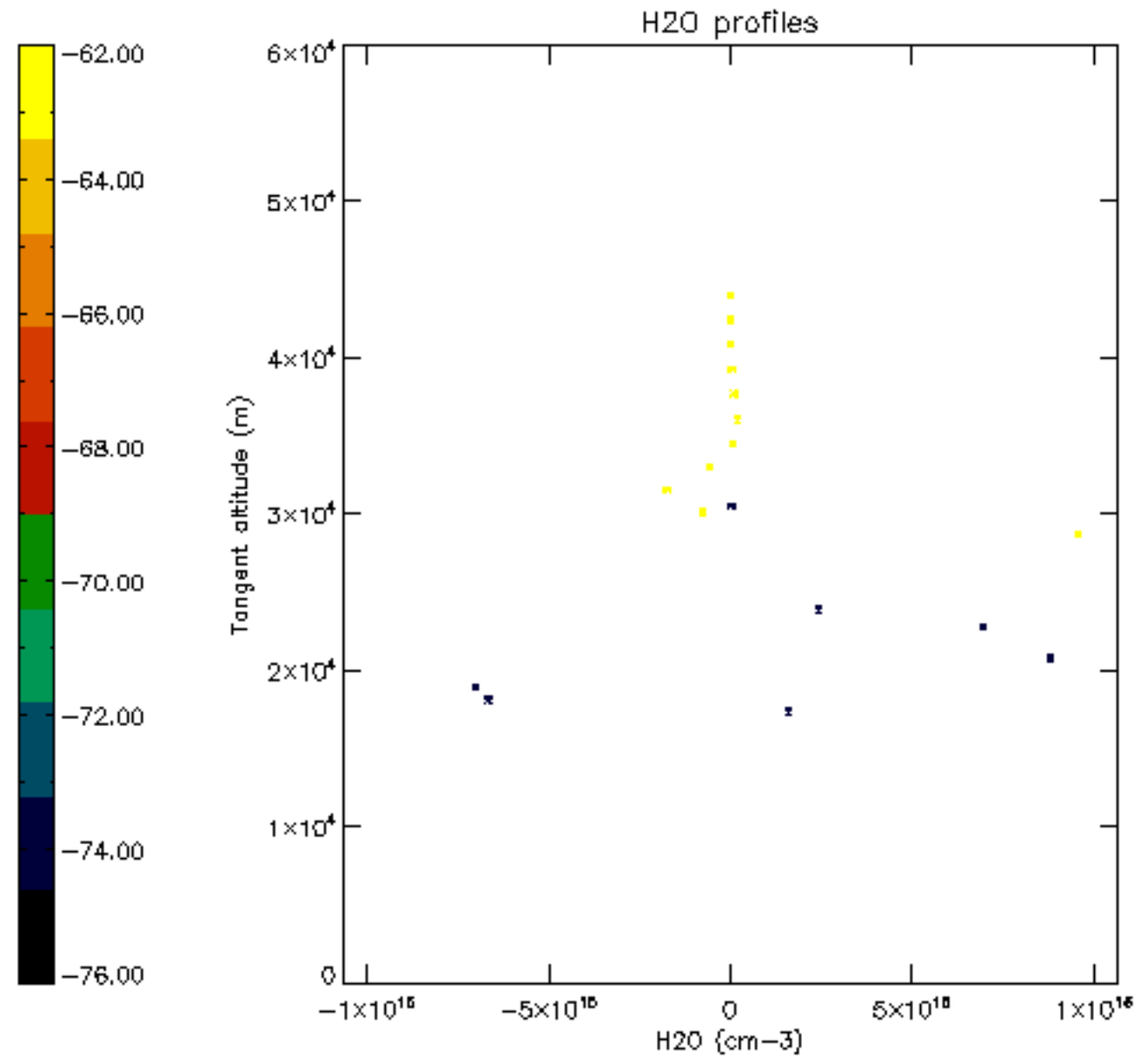


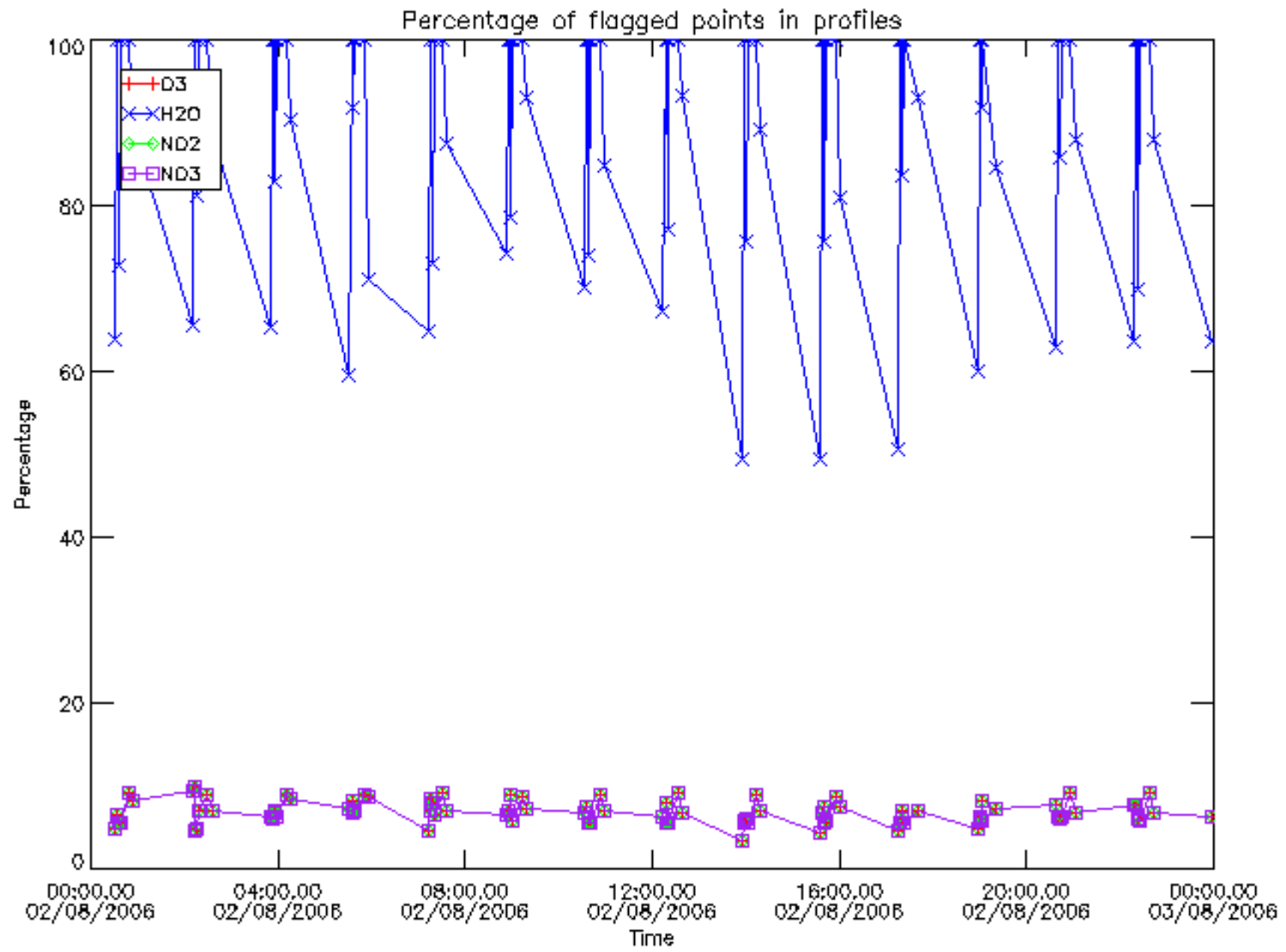




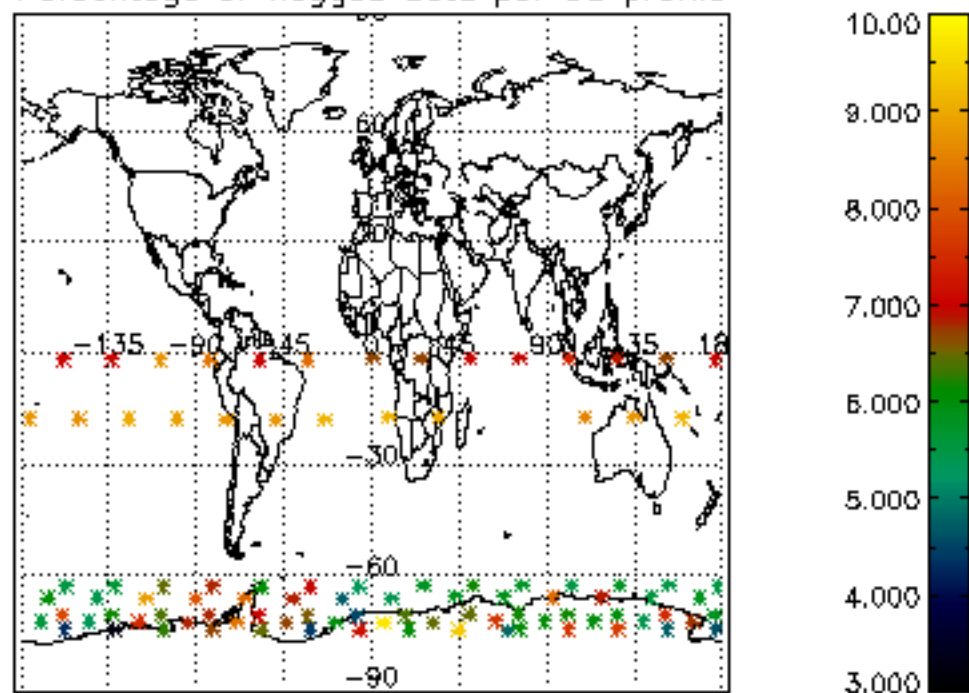




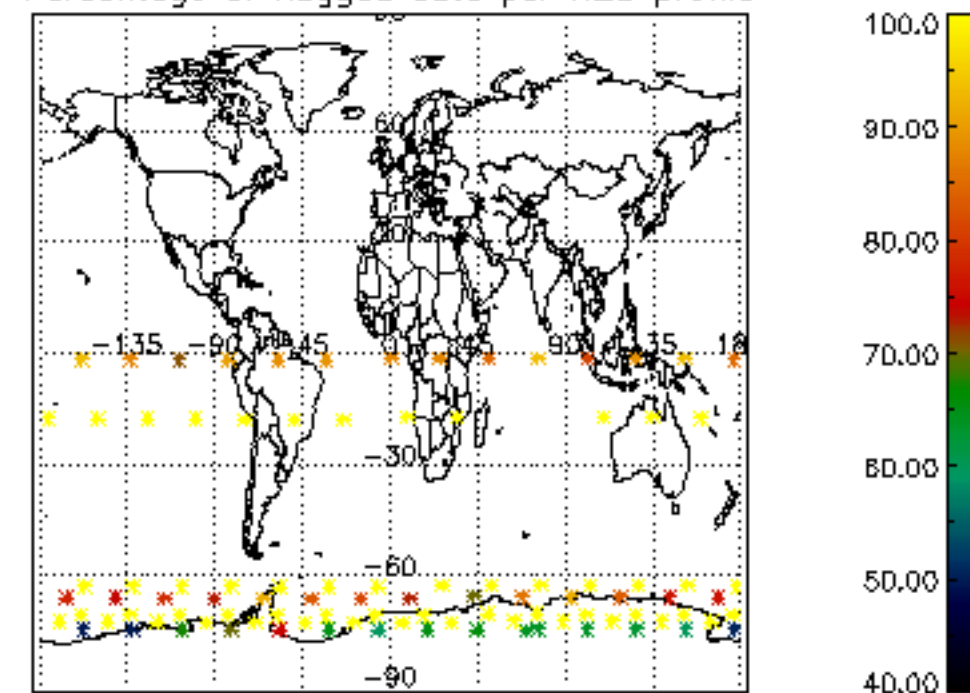




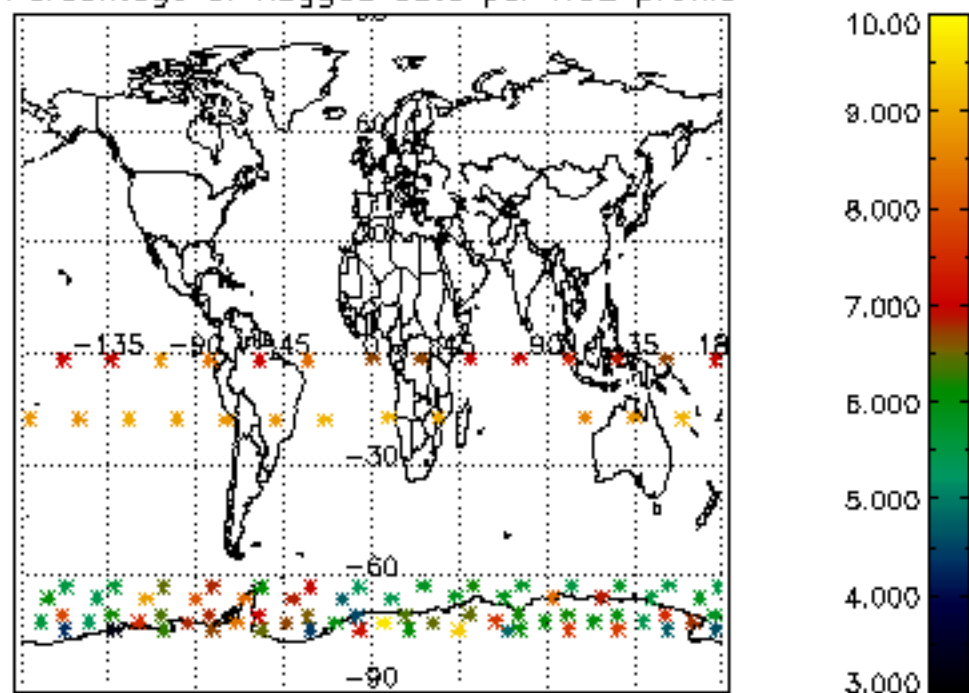
Percentage of flagged data per D3 profile



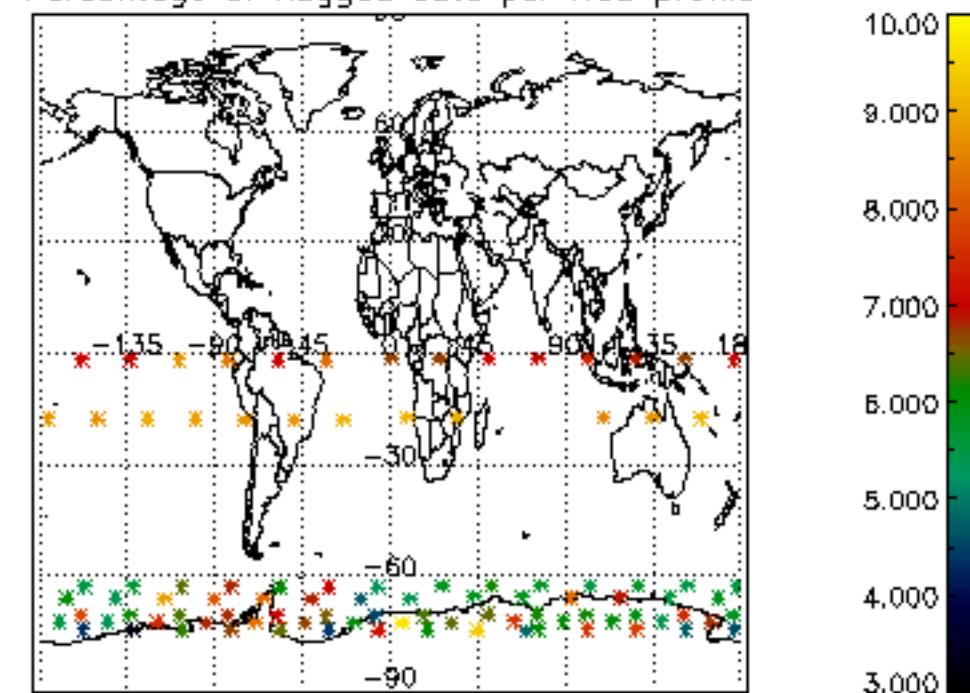
Percentage of flagged data per H2O profile



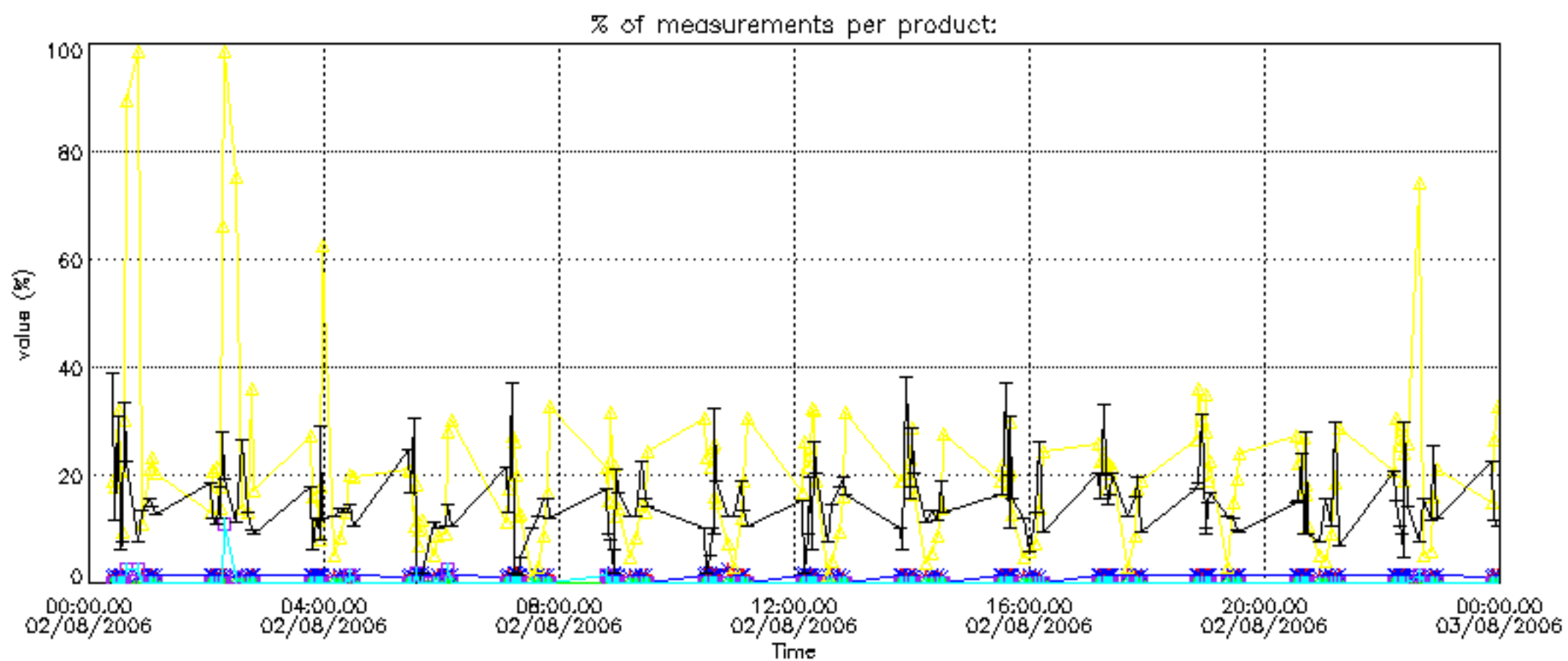
Percentage of flagged data per NO2 profile

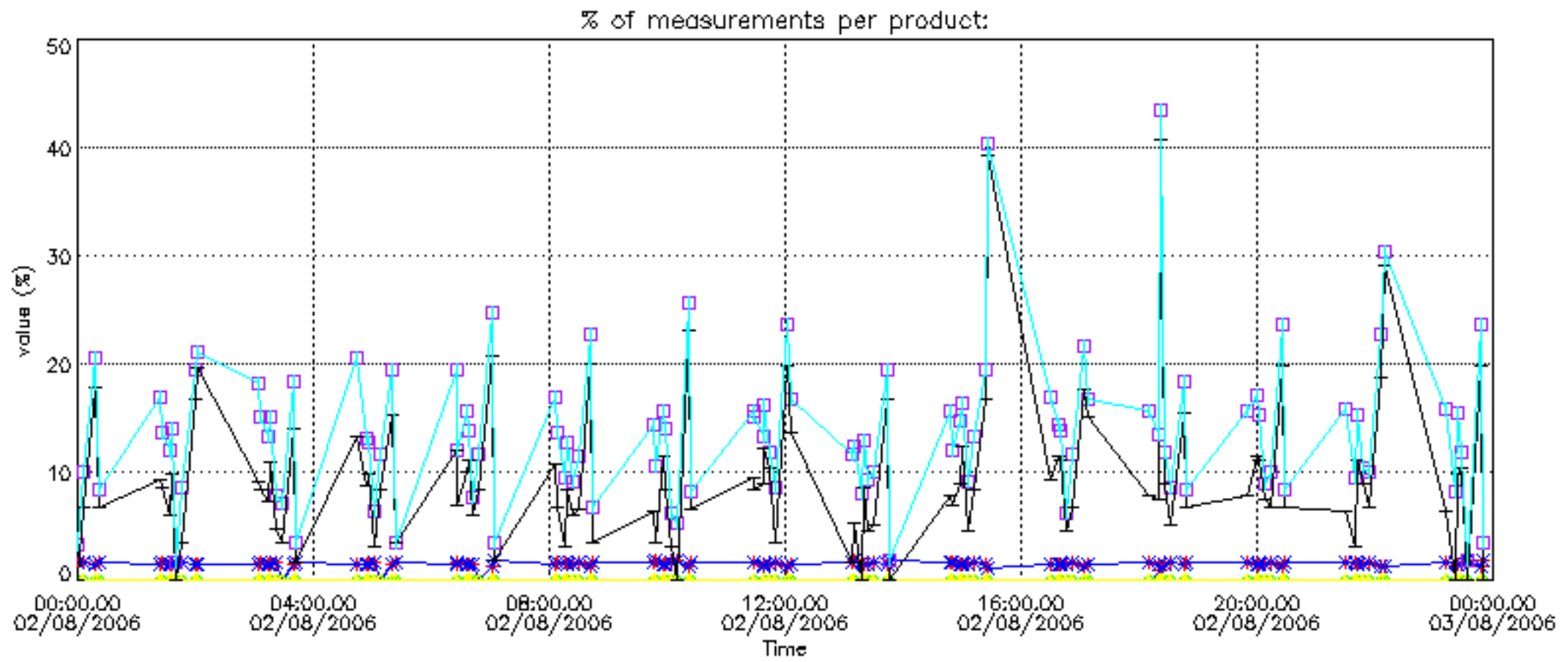


Percentage of flagged data per NO3 profile

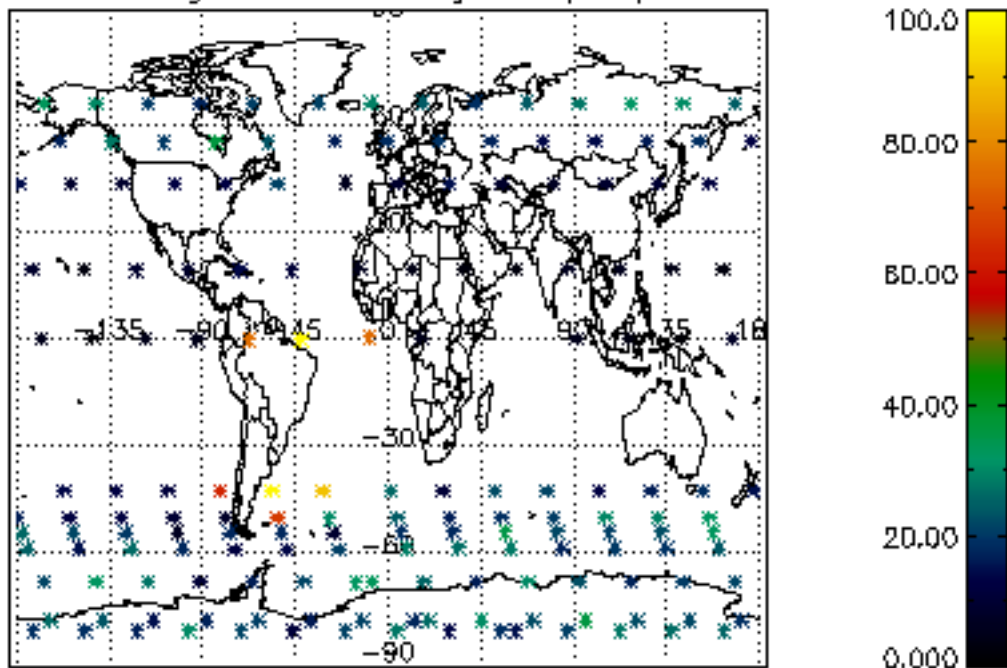




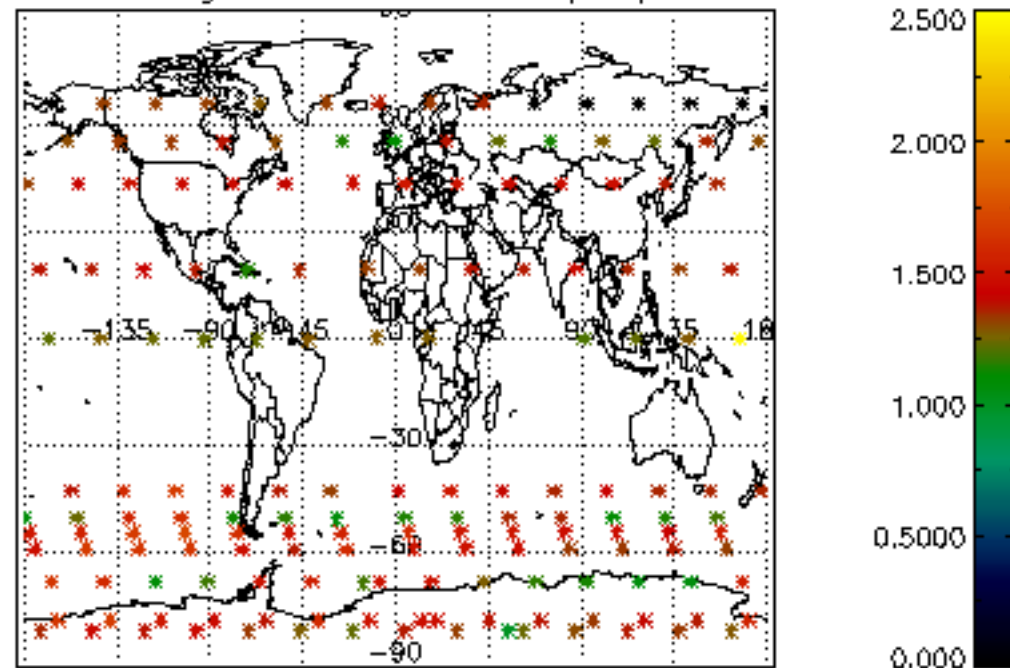




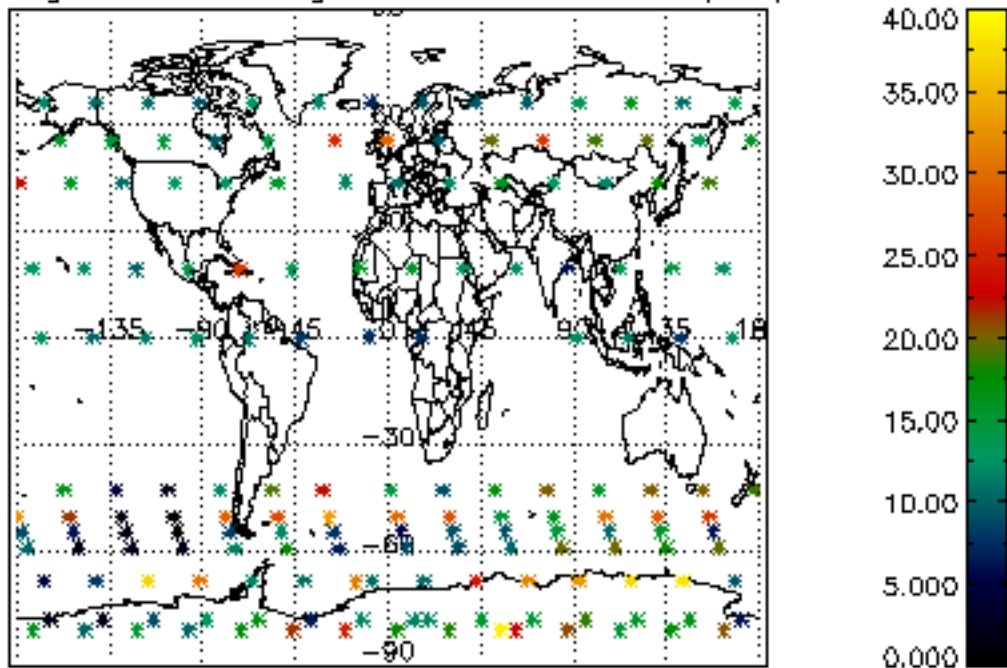
Percentage of cosmic ray hits per profile



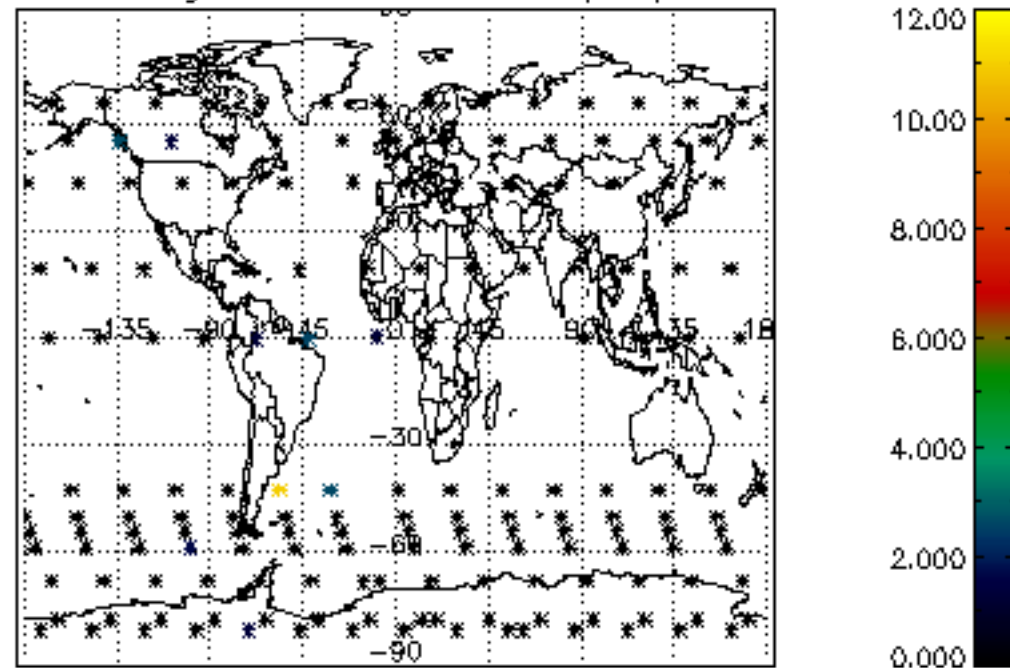
Percentage of datation errors per profile



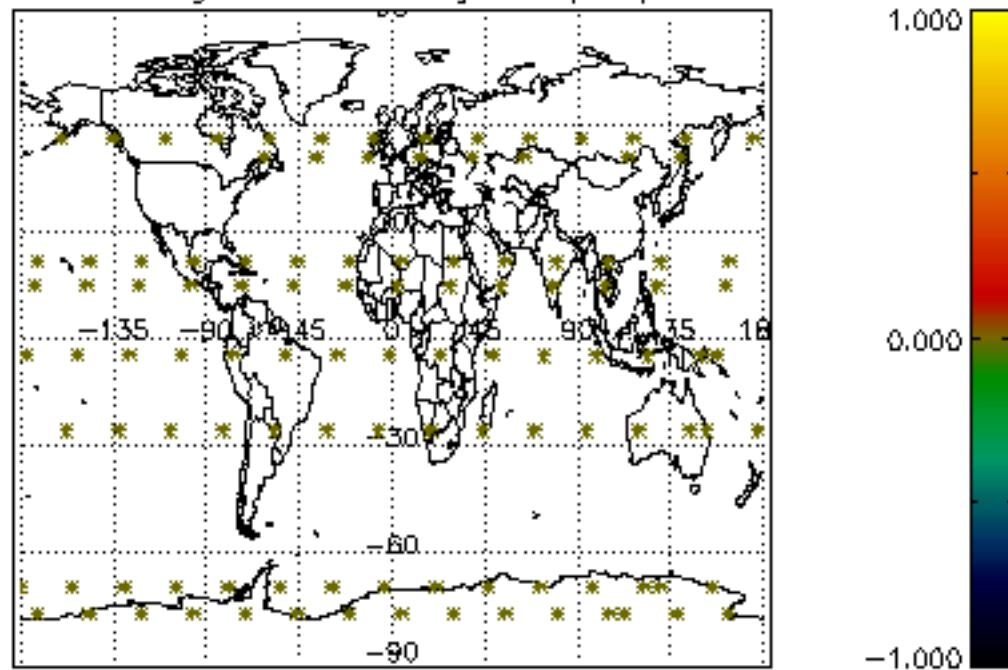
Percentage of star falling outside central band per profile



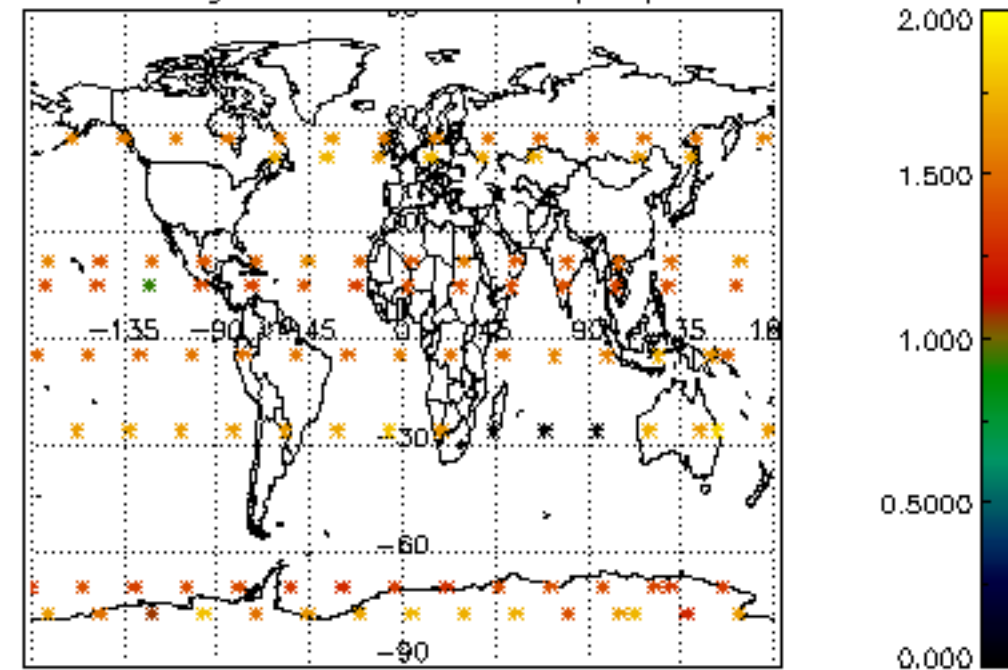
Percentage of saturation errors per profile



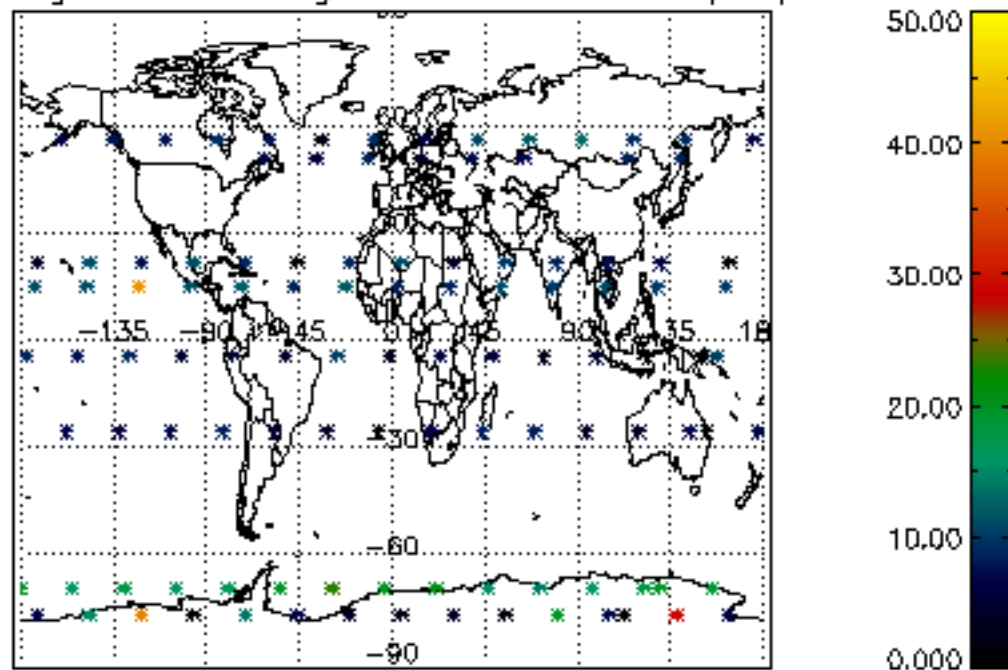
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

