

# 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	29APR2013 17:01:54
Data source version	GOMOS/6.01
Start time of products	14-12-2010 (14DEC2010 00:00:00)
Stop time of products	15-12-2010 (15DEC2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	345
Nb of prods with errors	1

## 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__2PRFIN20101214_000013_000000443097_00246_45950_4315.N1	14-DEC-2010 00:00:13	Bright	43.500	107	37The Aur	2.6490	11000.	87	45950	No
2	GOM_NL__2PRFIN20101214_000222_000000433097_00246_45950_4316.N1	14-DEC-2010 00:02:22	Bright	42.500	42	34Bet Aur	1.9000	10200.	85	45950	No
3	GOM_NL__2PRFIN20101214_001750_000000473097_00246_45950_4317.N1	14-DEC-2010 00:17:50	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45950	No
4	GOM_NL__2PRFIN20101214_002154_000000443097_00246_45950_4318.N1	14-DEC-2010 00:21:54	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	45950	No
5	GOM_NL__2PRFIN20101214_002424_000000383097_00246_45950_4319.N1	14-DEC-2010 00:24:24	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	45950	No
6	GOM_NL__2PRFIN20101214_002740_000000553097_00246_45950_4320.N1	14-DEC-2010 00:27:40	Bright	55.000	180	27Gam Boo	3.0400	8000.0	110	45950	No
7	GOM_NL__2PRFIN20101214_003050_000000373097_00246_45950_4321.N1	14-DEC-2010 00:30:50	Bright	36.500	83		2.3780	11000.	73	45950	No
8	GOM_NL__2PRFIN20101214_003405_000000393097_00246_45950_4322.N1	14-DEC-2010 00:34:05	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45950	No
9	GOM_NL__2PRFIN20101214_003751_000000523097_00246_45950_4323.N1	14-DEC-2010 00:37:51	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	45950	No
10	GOM_NL__2PRFIN20101214_004347_000000493097_00246_45950_4324.N1	14-DEC-2010 00:43:47	Twilight	48.500	15	67Alp Vir	0.97600	28000.	97	45950	No
11	GOM_NL__2PRFIN20101214_004716_000000443097_00246_45950_4325.N1	14-DEC-2010 00:47:16	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	45950	No
12	GOM_NL__2PRFIN20101214_004928_000000553097_00246_45950_4326.N1	14-DEC-2010 00:49:28	Dark	54.500	100	4Gam Crv	2.5800	13100.	109	45950	No
13	GOM_NL__2PRFIN20101214_005438_000000423097_00246_45950_4327.N1	14-DEC-2010 00:54:38	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45950	No
14	GOM_NL__2PRFIN20101214_005614_000000423097_00247_45951_4351.N1	14-DEC-2010 00:56:14	Dark	42.000	99	Del Cen	2.5750	26000.	84	45951	No
15	GOM_NL__2PRFIN20101214_005957_000000463097_00247_45951_4352.N1	14-DEC-2010 00:59:57	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45951	No
16	GOM_NL__2PRFIN20101214_010352_000000423097_00247_45951_4353.N1	14-DEC-2010 01:03:52	Dark	42.000	71	Iot Car	2.2460	7700.0	84	45951	No
17	GOM_NL__2PRFIN20101214_010827_000000473097_00247_45951_4354.N1	14-DEC-2010 01:08:27	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	45951	No
18	GOM_NL__2PRFIN20101214_011045_000000563097_00247_45951_4355.N1	14-DEC-2010 01:10:45	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45951	No
19	GOM_NL__2PRFIN20101214_011322_000000583097_00247_45951_4356.N1	14-DEC-2010 01:13:22	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	45951	No
20	GOM_NL__2PRFIN20101214_011640_000000563097_00247_45951_4357.N1	14-DEC-2010 01:16:40	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	45951	No
21	GOM_NL__2PRFIN20101214_012121_000000543097_00247_45951_4358.N1	14-DEC-2010 01:21:21	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	45951	No
22	GOM_NL__2PRFIN20101214_012457_000000503097_00247_45951_4359.N1	14-DEC-2010 01:24:57	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	45951	No
23	GOM_NL__2PRFIN20101214_012715_000000503097_00247_45951_4360.N1	14-DEC-2010 01:27:15	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45951	No
24	GOM_NL__2PRFIN20101214_013031_000000573097_00247_45951_4361.N1	14-DEC-2010 01:30:31	Twilight	57.000	14	58Alp Ori	0.87000	3000.0	114	45951	No
25	GOM_NL__2PRFIN20101214_013219_000000553097_00247_45951_4362.N1	14-DEC-2010 01:32:19	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	45951	No
26	GOM_NL__2PRFIN20101214_013442_000000453097_00247_45951_4363.N1	14-DEC-2010 01:34:42	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	45951	No
27	GOM_NL__2PRFIN20101214_013645_000000443097_00247_45951_4364.N1	14-DEC-2010 01:36:45	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	45951	No
28	GOM_NL__2PRFIN20101214_014026_000000473097_00247_45951_4365.N1	14-DEC-2010 01:40:26	Bright	46.500	107	37The Aur	2.6490	11000.	93	45951	No
29	GOM_NL__2PRFIN20101214_014235_000000443097_00247_45951_4366.N1	14-DEC-2010 01:42:35	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45951	No
30	GOM_NL__2PRFIN20101214_015803_000000483097_00247_45951_4367.N1	14-DEC-2010 01:58:03	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45951	No
31	GOM_NL__2PRFIN20101214_020208_000000613097_00247_45951_4368.N1	14-DEC-2010 02:02:08	Bright	61.000	32	77Eps UMa	1.7630	11000.	122	45951	No
32	GOM_NL__2PRFIN20101214_020438_000000573097_00247_45951_4369.N1	14-DEC-2010 02:04:38	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	45951	No
33	GOM_NL__2PRFIN20101214_020754_000000363097_00247_45951_4370.N1	14-DEC-2010 02:07:54	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45951	No
34	GOM_NL__2PRFIN20101214_021104_000000363097_00247_45951_4371.N1	14-DEC-2010 02:11:04	Bright	35.500	83		2.3780	11000.	71	45951	No
35	GOM_NL__2PRFIN20101214_021419_000000393097_00247_45951_4372.N1	14-DEC-2010 02:14:19	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45951	No
36	GOM_NL__2PRFIN20101214_021806_000000723097_00247_45951_4373.N1	14-DEC-2010 02:18:06	Bright	71.500	138	47Eps Vir	2.8280	4700.0	143	45951	No
37	GOM_NL__2PRFIN20101214_022402_000000523097_00247_45951_4374.N1	14-DEC-2010 02:24:02	Twilight	52.000	15	67Alp Vir	0.97600	28000.	104	45951	No
38	GOM_NL__2PRFIN20101214_022731_000000483097_00247_45951_4375.N1	14-DEC-2010 02:27:31	Twilight	48.000	169	46Gam Hya	2.9910	4700.0	96	45951	No
39	GOM_NL__2PRFIN20101214_023119_000000543097_00247_45951_4376.N1	14-DEC-2010 02:31:19	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	45951	No
40	GOM_NL__2PRFIN20101214_023628_000000413097_00248_45952_4364.N1	14-DEC-2010 02:36:28	Dark	41.000	99	Del Cen	2.5750	26000.	82	45952	No
41	GOM_NL__2PRFIN20101214_024012_000000453097_00248_45952_4365.N1	14-DEC-2010 02:40:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45952	No
42	GOM_NL__2PRFIN20101214_024407_000000433097_00248_45952_4366.N1	14-DEC-2010 02:44:07	Dark	42.500	71	Iot Car	2.2460	7700.0	85	45952	No

43	GOM_NL__2PRFIN20101214_024842_000000483097_00248_45952_4367.N1	14-DEC-2010 02:48:42	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45952	No
44	GOM_NL__2PRFIN20101214_025059_000000563097_00248_45952_4368.N1	14-DEC-2010 02:50:59	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45952	No
45	GOM_NL__2PRFIN20101214_025336_000000543097_00248_45952_4369.N1	14-DEC-2010 02:53:36	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	45952	No
46	GOM_NL__2PRFIN20101214_025654_000000543097_00248_45952_4370.N1	14-DEC-2010 02:56:54	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	45952	No
47	GOM_NL__2PRFIN20101214_030135_000000553097_00248_45952_4371.N1	14-DEC-2010 03:01:35	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45952	No
48	GOM_NL__2PRFIN20101214_030511_000000493097_00248_45952_4372.N1	14-DEC-2010 03:05:11	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	45952	No
49	GOM_NL__2PRFIN20101214_030729_000000503097_00248_45952_4373.N1	14-DEC-2010 03:07:29	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45952	No
50	GOM_NL__2PRFIN20101214_031044_000000643097_00248_45952_4374.N1	14-DEC-2010 03:10:44	Tw_i_and_stray	64.000	14	58Alp Ori	0.87000	3000.0	128	45952	No
51	GOM_NL__2PRFIN20101214_031233_000000493097_00248_45952_4375.N1	14-DEC-2010 03:12:33	Tw_i_and_stray	48.500	13	87Alp Tau	0.86700	3800.0	97	45952	No
52	GOM_NL__2PRFIN20101214_031456_000000473097_00248_45952_4376.N1	14-DEC-2010 03:14:56	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	45952	No
53	GOM_NL__2PRFIN20101214_031658_000000453097_00248_45952_4377.N1	14-DEC-2010 03:16:58	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	45952	No
54	GOM_NL__2PRFIN20101214_032040_000000463097_00248_45952_4378.N1	14-DEC-2010 03:20:40	Bright	45.500	107	37The Aur	2.6490	11000.	91	45952	No
55	GOM_NL__2PRFIN20101214_032248_000000433097_00248_45952_4379.N1	14-DEC-2010 03:22:48	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	45952	No
56	GOM_NL__2PRFIN20101214_033817_000000483097_00248_45952_4380.N1	14-DEC-2010 03:38:17	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45952	No
57	GOM_NL__2PRFIN20101214_034222_000000403097_00248_45952_4381.N1	14-DEC-2010 03:42:22	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	45952	No
58	GOM_NL__2PRFIN20101214_034452_000000413097_00248_45952_4382.N1	14-DEC-2010 03:44:52	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45952	No
59	GOM_NL__2PRFIN20101214_034808_000000373097_00248_45952_4383.N1	14-DEC-2010 03:48:08	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	45952	No
60	GOM_NL__2PRFIN20101214_035118_000000363097_00248_45952_4384.N1	14-DEC-2010 03:51:18	Bright	36.000	83		2.3780	11000.	72	45952	No
61	GOM_NL__2PRFIN20101214_035433_000000593097_00248_45952_4385.N1	14-DEC-2010 03:54:33	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	45952	No
62	GOM_NL__2PRFIN20101214_035820_000000523097_00248_45952_4386.N1	14-DEC-2010 03:58:20	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	45952	No
63	GOM_NL__2PRFIN20101214_040417_000000523097_00248_45952_4387.N1	14-DEC-2010 04:04:17	Tw_i_and_stray	52.000	15	67Alp Vir	0.97600	28000.	104	45952	No
64	GOM_NL__2PRFIN20101214_040746_000000453097_00248_45952_4388.N1	14-DEC-2010 04:07:46	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	45952	No
65	GOM_NL__2PRFIN20101214_040959_000000543097_00248_45952_4389.N1	14-DEC-2010 04:09:59	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	45952	No
66	GOM_NL__2PRFIN20101214_041134_000000563097_00248_45952_4390.N1	14-DEC-2010 04:11:34	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	45952	No
67	GOM_NL__2PRFIN20101214_041507_000000423097_00248_45952_4391.N1	14-DEC-2010 04:15:07	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45952	No
68	GOM_NL__2PRFIN20101214_041643_000000423097_00249_45953_4374.N1	14-DEC-2010 04:16:43	Dark	42.000	99	Del Cen	2.5750	26000.	84	45953	No
69	GOM_NL__2PRFIN20101214_042027_000000453097_00249_45953_4375.N1	14-DEC-2010 04:20:27	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45953	No
70	GOM_NL__2PRFIN20101214_042421_000000413097_00249_45953_4376.N1	14-DEC-2010 04:24:21	Dark	41.000	71	Iot Car	2.2460	7700.0	82	45953	No
71	GOM_NL__2PRFIN20101214_042857_000000513097_00249_45953_4377.N1	14-DEC-2010 04:28:57	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	45953	No
72	GOM_NL__2PRFIN20101214_043113_000000563097_00249_45953_4378.N1	14-DEC-2010 04:31:13	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45953	No
73	GOM_NL__2PRFIN20101214_043351_000000593097_00249_45953_4379.N1	14-DEC-2010 04:33:51	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	45953	No
74	GOM_NL__2PRFIN20101214_043709_000000583097_00249_45953_4380.N1	14-DEC-2010 04:37:09	Straylight	58.000	23	21Eps CMa	1.5020	26000.	116	45953	No
75	GOM_NL__2PRFIN20101214_044149_000000553097_00249_45953_4381.N1	14-DEC-2010 04:41:49	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45953	No
76	GOM_NL__2PRFIN20101214_044525_000000473097_00249_45953_4382.N1	14-DEC-2010 04:45:25	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	45953	No
77	GOM_NL__2PRFIN20101214_044743_000000513097_00249_45953_4383.N1	14-DEC-2010 04:47:43	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	45953	No
78	GOM_NL__2PRFIN20101214_045058_000000643097_00249_45953_4384.N1	14-DEC-2010 04:50:58	Tw_i_and_stray	64.000	14	58Alp Ori	0.87000	3000.0	128	45953	No
79	GOM_NL__2PRFIN20101214_045247_000000553097_00249_45953_4385.N1	14-DEC-2010 04:52:47	Tw_i_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	45953	No
80	GOM_NL__2PRFIN20101214_045510_000000463097_00249_45953_4386.N1	14-DEC-2010 04:55:10	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45953	No
81	GOM_NL__2PRFIN20101214_045712_000000423097_00249_45953_4387.N1	14-DEC-2010 04:57:12	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	45953	No
82	GOM_NL__2PRFIN20101214_050053_000000463097_00249_45953_4388.N1	14-DEC-2010 05:00:53	Bright	46.000	107	37The Aur	2.6490	11000.	92	45953	No
83	GOM_NL__2PRFIN20101214_050302_000000443097_00249_45953_4389.N1	14-DEC-2010 05:03:02	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	45953	No
84	GOM_NL__2PRFIN20101214_051830_000000473097_00249_45953_4390.N1	14-DEC-2010 05:18:30	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45953	No
85	GOM_NL__2PRFIN20101214_052236_000000403097_00249_45953_4391.N1	14-DEC-2010 05:22:36	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	45953	No
86	GOM_NL__2PRFIN20101214_052506_000000403097_00249_45953_4392.N1	14-DEC-2010 05:25:06	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	45953	No
87	GOM_NL__2PRFIN20101214_052822_000000383097_00249_45953_4393.N1	14-DEC-2010 05:28:22	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	45953	No
88	GOM_NL__2PRFIN20101214_053133_000000363097_00249_45953_4394.N1	14-DEC-2010 05:31:33	Bright	36.000	83		2.3780	11000.	72	45953	No
89	GOM_NL__2PRFIN20101214_053447_000000423097_00249_45953_4395.N1	14-DEC-2010 05:34:47	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	45953	No
90	GOM_NL__2PRFIN20101214_053835_000000533097_00249_45953_4396.N1	14-DEC-2010 05:38:35	Bright	52.500	138	47Eps Vir	2.8280	4700.0	105	45953	No
91	GOM_NL__2PRFIN20101214_054431_000000493097_00249_45953_4397.N1	14-DEC-2010 05:44:31	Tw_i_and_stray	48.500	15	67Alp Vir	0.97600	28000.	97	45953	No
92	GOM_NL__2PRFIN20101214_054800_000000473097_00249_45953_4398.N1	14-DEC-2010 05:48:00	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	45953	No
93	GOM_NL__2PRFIN20101214_055014_000000563097_00249_45953_4399.N1	14-DEC-2010 05:50:14	Dark	55.500	100	4Gam Crv	2.5800	13100.	111	45953	No
94	GOM_NL__2PRFIN20101214_055149_000000603097_00249_45953_4400.N1	14-DEC-2010 05:51:49	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	45953	No
95	GOM_NL__2PRFIN20101214_055522_000000453097_00249_45953_4401.N1	14-DEC-2010 05:55:22	Dark	44.500	64	Gam Cen	2.2000	10600.	89	45953	No
96	GOM_NL__2PRFIN20101214_055658_000000423097_00250_45954_4384.N1	14-DEC-2010 05:56:58	Dark	42.000	99	Del Cen	2.5750	26000.	84	45954	No
97	GOM_NL__2PRFIN20101214_060042_000000463097_00250_45954_4385.N1	14-DEC-2010 06:00:42	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45954	No
98	GOM_NL__2PRFIN20101214_060436_000000433097_00250_45954_4386.N1	14-DEC-2010 06:04:36	Dark	43.000	71	Iot Car	2.2460	7700.0	86	45954	No
99	GOM_NL__2PRFIN20101214_060912_000000463097_00250_45954_4387.N1	14-DEC-2010 06:09:12	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	45954	No
100	GOM_NL__2PRFIN20101214_061128_000000533097_00250_45954_4388.N1	14-DEC-2010 06:11:28	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	45954	No
101	GOM_NL__2PRFIN20101214_061405_000000553097_00250_45954_4389.N1	14-DEC-2010 06:14:05	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	45954	No

102	GOM_NL__2PRFIN20101214_061724_000000573097_00250_45954_4390.N1	14-DEC-2010 06:17:24	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45954	No
103	GOM_NL__2PRFIN20101214_062204_000000563097_00250_45954_4391.N1	14-DEC-2010 06:22:04	Straylight	55.500	47	2Bet CMa	1.9760	28000.	111	45954	No
104	GOM_NL__2PRFIN20101214_062539_000000563097_00250_45954_4392.N1	14-DEC-2010 06:25:39	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	45954	No
105	GOM_NL__2PRFIN20101214_062757_000000493097_00250_45954_4393.N1	14-DEC-2010 06:27:57	Straylight	49.000	30	46Eps Ori	1.6940	30000.	98	45954	No
106	GOM_NL__2PRFIN20101214_063112_000000693097_00250_45954_4394.N1	14-DEC-2010 06:31:12	Tw_i_and_stray	69.000	14	58Alp Ori	0.87000	3000.0	138	45954	No
107	GOM_NL__2PRFIN20101214_063301_000000553097_00250_45954_4395.N1	14-DEC-2010 06:33:01	Tw_i_and_stray	54.500	13	87Alp Tau	0.86700	3800.0	109	45954	No
108	GOM_NL__2PRFIN20101214_063523_000000463097_00250_45954_4396.N1	14-DEC-2010 06:35:23	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	45954	No
109	GOM_NL__2PRFIN20101214_063726_000000443097_00250_45954_4397.N1	14-DEC-2010 06:37:26	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	45954	No
110	GOM_NL__2PRFIN20101214_064107_000000453097_00250_45954_4398.N1	14-DEC-2010 06:41:07	Bright	44.500	107	37The Aur	2.6490	11000.	89	45954	No
111	GOM_NL__2PRFIN20101214_064315_000000443097_00250_45954_4399.N1	14-DEC-2010 06:43:15	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45954	No
112	GOM_NL__2PRFIN20101214_065844_000000433097_00250_45954_4400.N1	14-DEC-2010 06:58:44	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	45954	No
113	GOM_NL__2PRFIN20101214_070249_000000433097_00250_45954_4401.N1	14-DEC-2010 07:02:49	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45954	No
114	GOM_NL__2PRFIN20101214_070520_000000413097_00250_45954_4402.N1	14-DEC-2010 07:05:20	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45954	No
115	GOM_NL__2PRFIN20101214_070837_000000363097_00250_45954_4403.N1	14-DEC-2010 07:08:37	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	45954	No
116	GOM_NL__2PRFIN20101214_071147_000000363097_00250_45954_4404.N1	14-DEC-2010 07:11:47	Bright	35.500	83		2.3780	11000.	71	45954	No
117	GOM_NL__2PRFIN20101214_071502_000000403097_00250_45954_4405.N1	14-DEC-2010 07:15:02	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	45954	No
118	GOM_NL__2PRFIN20101214_071850_000000723097_00250_45954_4406.N1	14-DEC-2010 07:18:50	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45954	No
119	GOM_NL__2PRFIN20101214_072446_000000493097_00250_45954_4407.N1	14-DEC-2010 07:24:46	Tw_i_and_stray	49.000	15	67Alp Vir	0.97600	28000.	98	45954	No
120	GOM_NL__2PRFIN20101214_072815_000000463097_00250_45954_4408.N1	14-DEC-2010 07:28:15	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	45954	No
121	GOM_NL__2PRFIN20101214_073029_000000493097_00250_45954_4409.N1	14-DEC-2010 07:30:29	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	45954	No
122	GOM_NL__2PRFIN20101214_073205_000000613097_00250_45954_4410.N1	14-DEC-2010 07:32:05	Dark	60.500	171	2Eps Crv	3.0010	4250.0	121	45954	No
123	GOM_NL__2PRFIN20101214_073537_000000433097_00250_45954_4411.N1	14-DEC-2010 07:35:37	Dark	43.000	64	Gam Cen	2.2000	10600.	86	45954	No
124	GOM_NL__2PRFIN20101214_073713_000000423097_00251_45955_4428.N1	14-DEC-2010 07:37:13	Dark	41.500	99	Del Cen	2.5750	26000.	83	45955	No
125	GOM_NL__2PRFIN20101214_074057_000000483097_00251_45955_4429.N1	14-DEC-2010 07:40:57	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	45955	No
126	GOM_NL__2PRFIN20101214_074451_000000443097_00251_45955_4430.N1	14-DEC-2010 07:44:51	Dark	43.500	71	Iot Car	2.2460	7700.0	87	45955	No
127	GOM_NL__2PRFIN20101214_074927_000000483097_00251_45955_4431.N1	14-DEC-2010 07:49:27	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	45955	No
128	GOM_NL__2PRFIN20101214_075142_000000453097_00251_45955_4432.N1	14-DEC-2010 07:51:42	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	45955	No
129	GOM_NL__2PRFIN20101214_075420_000000553097_00251_45955_4433.N1	14-DEC-2010 07:54:20	Dark	54.500	117	Pi Pup	2.7060	3800.0	109	45955	No
130	GOM_NL__2PRFIN20101214_075738_000000573097_00251_45955_4434.N1	14-DEC-2010 07:57:38	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45955	No
131	GOM_NL__2PRFIN20101214_080218_000000553097_00251_45955_4435.N1	14-DEC-2010 08:02:18	Straylight	55.000	47	2Bet CMa	1.9760	28000.	110	45955	No
132	GOM_NL__2PRFIN20101214_080553_000000523097_00251_45955_4436.N1	14-DEC-2010 08:05:53	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	45955	No
133	GOM_NL__2PRFIN20101214_080811_000000503097_00251_45955_4437.N1	14-DEC-2010 08:08:11	Straylight	49.500	30	46Eps Ori	1.6940	30000.	99	45955	No
134	GOM_NL__2PRFIN20101214_081125_000000603097_00251_45955_4438.N1	14-DEC-2010 08:11:25	Tw_i_and_stray	59.500	14	58Alp Ori	0.87000	3000.0	119	45955	No
135	GOM_NL__2PRFIN20101214_081315_000000553097_00251_45955_4439.N1	14-DEC-2010 08:13:15	Tw_i_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	45955	No
136	GOM_NL__2PRFIN20101214_081537_000000463097_00251_45955_4440.N1	14-DEC-2010 08:15:37	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	45955	No
137	GOM_NL__2PRFIN20101214_081739_000000453097_00251_45955_4441.N1	14-DEC-2010 08:17:39	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	45955	No
138	GOM_NL__2PRFIN20101214_082120_000000453097_00251_45955_4442.N1	14-DEC-2010 08:21:20	Bright	45.000	107	37The Aur	2.6490	11000.	90	45955	No
139	GOM_NL__2PRFIN20101214_082329_000000443097_00251_45955_4443.N1	14-DEC-2010 08:23:29	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45955	No
140	GOM_NL__2PRFIN20101214_083858_000000483097_00251_45955_4444.N1	14-DEC-2010 08:38:58	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45955	No
141	GOM_NL__2PRFIN20101214_084303_000000443097_00251_45955_4445.N1	14-DEC-2010 08:43:03	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	45955	No
142	GOM_NL__2PRFIN20101214_084534_000000393097_00251_45955_4446.N1	14-DEC-2010 08:45:34	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	45955	No
143	GOM_NL__2PRFIN20101214_084851_000000353097_00251_45955_4447.N1	14-DEC-2010 08:48:51	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	45955	No
144	GOM_NL__2PRFIN20101214_085201_000000353097_00251_45955_4448.N1	14-DEC-2010 08:52:01	Bright	34.500	83		2.3780	11000.	69	45955	No
145	GOM_NL__2PRFIN20101214_085516_000000393097_00251_45955_4449.N1	14-DEC-2010 08:55:16	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45955	No
146	GOM_NL__2PRFIN20101214_085904_000000493097_00251_45955_4450.N1	14-DEC-2010 08:59:04	Bright	49.000	138	47Eps Vir	2.8280	4700.0	98	45955	No
147	GOM_NL__2PRFIN20101214_090501_000000493097_00251_45955_4451.N1	14-DEC-2010 09:05:01	Tw_i_and_stray	49.000	15	67Alp Vir	0.97600	28000.	98	45955	No
148	GOM_NL__2PRFIN20101214_090830_000000473097_00251_45955_4452.N1	14-DEC-2010 09:08:30	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	45955	No
149	GOM_NL__2PRFIN20101214_091045_000000493097_00251_45955_4453.N1	14-DEC-2010 09:10:45	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	45955	No
150	GOM_NL__2PRFIN20101214_091220_000000573097_00251_45955_4454.N1	14-DEC-2010 09:12:20	Dark	57.000	171	2Eps Crv	3.0010	4250.0	114	45955	No
151	GOM_NL__2PRFIN20101214_091551_000000423097_00251_45955_4455.N1	14-DEC-2010 09:15:51	Dark	42.000	64	Gam Cen	2.2000	10600.	84	45955	No
152	GOM_NL__2PRFIN20101214_091727_000000413097_00252_45956_4645.N1	14-DEC-2010 09:17:27	Dark	40.500	99	Del Cen	2.5750	26000.	81	45956	No
153	GOM_NL__2PRFIN20101214_092112_000000453097_00252_45956_4646.N1	14-DEC-2010 09:21:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45956	No
154	GOM_NL__2PRFIN20101214_092505_000000443097_00252_45956_4647.N1	14-DEC-2010 09:25:05	Dark	43.500	71	Iot Car	2.2460	7700.0	87	45956	No
155	GOM_NL__2PRFIN20101214_092941_000000473097_00252_45956_4648.N1	14-DEC-2010 09:29:41	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	45956	No
156	GOM_NL__2PRFIN20101214_093157_000000453097_00252_45956_4649.N1	14-DEC-2010 09:31:57	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	45956	No
157	GOM_NL__2PRFIN20101214_093435_000000543097_00252_45956_4650.N1	14-DEC-2010 09:34:35	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	45956	No
158	GOM_NL__2PRFIN20101214_093752_000000593097_00252_45956_4651.N1	14-DEC-2010 09:37:52	Straylight	58.500	23	21Eps CMa	1.5020	26000.	117	45956	No
159	GOM_NL__2PRFIN20101214_094232_000000543097_00252_45956_4652.N1	14-DEC-2010 09:42:32	Straylight	53.500	47	2Bet CMa	1.9760	28000.	107	45956	No
160	GOM_NL__2PRFIN20101214_094607_000000563097_00252_45956_4653.N1	14-DEC-2010 09:46:07	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	45956	No



161	GOM_NL__2PRFIN20101214_094825_000000503097_00252_45956_4654.N1	14-DEC-2010 09:48:25	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45956	No
162	GOM_NL__2PRFIN20101214_095139_000000613097_00252_45956_4655.N1	14-DEC-2010 09:51:39	Tw_i_and_stray	60.500	14	58Alp Ori	0.87000	3000.0	121	45956	No
163	GOM_NL__2PRFIN20101214_095329_000000483097_00252_45956_4656.N1	14-DEC-2010 09:53:29	Tw_i_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	45956	No
164	GOM_NL__2PRFIN20101214_095550_000000453097_00252_45956_4657.N1	14-DEC-2010 09:55:50	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	45956	No
165	GOM_NL__2PRFIN20101214_095753_000000453097_00252_45956_4658.N1	14-DEC-2010 09:57:53	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	45956	No
166	GOM_NL__2PRFIN20101214_100133_000000463097_00252_45956_4659.N1	14-DEC-2010 10:01:33	Bright	45.500	107	37The Aur	2.6490	11000.	91	45956	No
167	GOM_NL__2PRFIN20101214_100342_000000463097_00252_45956_4660.N1	14-DEC-2010 10:03:42	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	45956	No
168	GOM_NL__2PRFIN20101214_101911_000000483097_00252_45956_4661.N1	14-DEC-2010 10:19:11	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45956	No
169	GOM_NL__2PRFIN20101214_102317_000000413097_00252_45956_4662.N1	14-DEC-2010 10:23:17	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	45956	No
170	GOM_NL__2PRFIN20101214_102548_000000403097_00252_45956_4663.N1	14-DEC-2010 10:25:48	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	45956	No
171	GOM_NL__2PRFIN20101214_102905_000000373097_00252_45956_4664.N1	14-DEC-2010 10:29:05	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	45956	No
172	GOM_NL__2PRFIN20101214_103215_000000363097_00252_45956_4665.N1	14-DEC-2010 10:32:15	Bright	35.500	83		2.3780	11000.	71	45956	No
173	GOM_NL__2PRFIN20101214_103531_000000423097_00252_45956_4666.N1	14-DEC-2010 10:35:31	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	45956	No
174	GOM_NL__2PRFIN20101214_103919_000000723097_00252_45956_4667.N1	14-DEC-2010 10:39:19	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45956	No
175	GOM_NL__2PRFIN20101214_104516_000000503097_00252_45956_4668.N1	14-DEC-2010 10:45:16	Tw_i_and_stray	49.500	15	67Alp Vir	0.97600	28000.	99	45956	No
176	GOM_NL__2PRFIN20101214_104844_000000423097_00252_45956_4669.N1	14-DEC-2010 10:48:44	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	45956	No
177	GOM_NL__2PRFIN20101214_105100_000000433097_00252_45956_4670.N1	14-DEC-2010 10:51:00	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	45956	No
178	GOM_NL__2PRFIN20101214_105235_000000553097_00252_45956_4671.N1	14-DEC-2010 10:52:35	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	45956	No
179	GOM_NL__2PRFIN20101214_105606_000000413097_00252_45956_4672.N1	14-DEC-2010 10:56:06	Dark	40.500	64	Gam Cen	2.2000	10600.	81	45956	No
180	GOM_NL__2PRFIN20101214_105742_000000423097_00253_45957_4645.N1	14-DEC-2010 10:57:42	Dark	42.000	99	Del Cen	2.5750	26000.	84	45957	No
181	GOM_NL__2PRFIN20101214_110127_000000463097_00253_45957_4646.N1	14-DEC-2010 11:01:27	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	45957	No
182	GOM_NL__2PRFIN20101214_110520_000000423097_00253_45957_4647.N1	14-DEC-2010 11:05:20	Dark	41.500	71	lot Car	2.2460	7700.0	83	45957	No
183	GOM_NL__2PRFIN20101214_110956_000000533097_00253_45957_4648.N1	14-DEC-2010 11:09:56	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	45957	No
184	GOM_NL__2PRFIN20101214_111211_000000563097_00253_45957_4649.N1	14-DEC-2010 11:12:11	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45957	No
185	GOM_NL__2PRFIN20101214_111449_000000563097_00253_45957_4650.N1	14-DEC-2010 11:14:49	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	45957	No
186	GOM_NL__2PRFIN20101214_111807_000000563097_00253_45957_4651.N1	14-DEC-2010 11:18:07	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	45957	No
187	GOM_NL__2PRFIN20101214_112246_000000533097_00253_45957_4652.N1	14-DEC-2010 11:22:46	Straylight	53.000	47	2Bet CMa	1.9760	28000.	106	45957	No
188	GOM_NL__2PRFIN20101214_112621_000000483097_00253_45957_4653.N1	14-DEC-2010 11:26:21	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	45957	No
189	GOM_NL__2PRFIN20101214_112839_000000523097_00253_45957_4654.N1	14-DEC-2010 11:28:39	Straylight	51.500	30	46Eps Ori	1.6940	30000.	103	45957	No
190	GOM_NL__2PRFIN20101214_113152_000000693097_00253_45957_4655.N1	14-DEC-2010 11:31:52	Tw_i_and_stray	69.000	14	58Alp Ori	0.87000	3000.0	138	45957	No
191	GOM_NL__2PRFIN20101214_113343_000000483097_00253_45957_4656.N1	14-DEC-2010 11:33:43	Tw_i_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	45957	No
192	GOM_NL__2PRFIN20101214_113604_000000453097_00253_45957_4657.N1	14-DEC-2010 11:36:04	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	45957	No
193	GOM_NL__2PRFIN20101214_113806_000000443097_00253_45957_4658.N1	14-DEC-2010 11:38:06	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	45957	No
194	GOM_NL__2PRFIN20101214_114147_000000443097_00253_45957_4659.N1	14-DEC-2010 11:41:47	Bright	43.500	107	37The Aur	2.6490	11000.	87	45957	No
195	GOM_NL__2PRFIN20101214_114355_000000453097_00253_45957_4660.N1	14-DEC-2010 11:43:55	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	45957	No
196	GOM_NL__2PRFIN20101214_115925_000000433097_00253_45957_4661.N1	14-DEC-2010 11:59:25	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	45957	No
197	GOM_NL__2PRFIN20101214_120331_000000433097_00253_45957_4662.N1	14-DEC-2010 12:03:31	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45957	No
198	GOM_NL__2PRFIN20101214_120602_000000583097_00253_45957_4663.N1	14-DEC-2010 12:06:02	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45957	No
199	GOM_NL__2PRFIN20101214_120919_000000373097_00253_45957_4664.N1	14-DEC-2010 12:09:19	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	45957	No
200	GOM_NL__2PRFIN20101214_121229_000000483097_00253_45957_4665.N1	14-DEC-2010 12:12:29	Bright	47.500	83		2.3780	11000.	95	45957	No
201	GOM_NL__2PRFIN20101214_121545_000000483097_00253_45957_4666.N1	14-DEC-2010 12:15:45	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	45957	No
202	GOM_NL__2PRFIN20101214_121934_000000723097_00253_45957_4667.N1	14-DEC-2010 12:19:34	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45957	No
203	GOM_NL__2PRFIN20101214_122530_000000593097_00253_45957_4668.N1	14-DEC-2010 12:25:30	Tw_i_and_stray	58.500	15	67Alp Vir	0.97600	28000.	117	45957	No
204	GOM_NL__2PRFIN20101214_122859_000000493097_00253_45957_4669.N1	14-DEC-2010 12:28:59	Twilight	48.500	169	46Gam Hya	2.9910	4700.0	97	45957	No
205	GOM_NL__2PRFIN20101214_123115_000000433097_00253_45957_4670.N1	14-DEC-2010 12:31:15	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	45957	No
206	GOM_NL__2PRFIN20101214_123250_000000583097_00253_45957_4671.N1	14-DEC-2010 12:32:50	Dark	57.500	171	2Eps Crv	3.0010	4250.0	115	45957	No
207	GOM_NL__2PRFIN20101214_123621_000000413097_00253_45957_4672.N1	14-DEC-2010 12:36:21	Dark	40.500	64	Gam Cen	2.2000	10600.	81	45957	No
208	GOM_NL__2PRFIN20101214_123756_000000413097_00254_45958_4645.N1	14-DEC-2010 12:37:56	Dark	40.500	99	Del Cen	2.5750	26000.	81	45958	No
209	GOM_NL__2PRFIN20101214_124142_000000463097_00254_45958_4646.N1	14-DEC-2010 12:41:42	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	45958	No
210	GOM_NL__2PRFIN20101214_124534_000000433097_00254_45958_4647.N1	14-DEC-2010 12:45:34	Dark	42.500	71	lot Car	2.2460	7700.0	85	45958	No
211	GOM_NL__2PRFIN20101214_125011_000000483097_00254_45958_4648.N1	14-DEC-2010 12:50:11	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	45958	No
212	GOM_NL__2PRFIN20101214_125226_000000503097_00254_45958_4649.N1	14-DEC-2010 12:52:26	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	45958	No
213	GOM_NL__2PRFIN20101214_125504_000000583097_00254_45958_4650.N1	14-DEC-2010 12:55:04	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	45958	No
214	GOM_NL__2PRFIN20101214_125821_000000563097_00254_45958_4651.N1	14-DEC-2010 12:58:21	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	45958	No
215	GOM_NL__2PRFIN20101214_130300_000000543097_00254_45958_4652.N1	14-DEC-2010 13:03:00	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	45958	No
216	GOM_NL__2PRFIN20101214_130635_000000543097_00254_45958_4653.N1	14-DEC-2010 13:06:35	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	45958	No
217	GOM_NL__2PRFIN20101214_130853_000000513097_00254_45958_4654.N1	14-DEC-2010 13:08:53	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	45958	No
218	GOM_NL__2PRFIN20101214_131206_000000643097_00254_45958_4655.N1	14-DEC-2010 13:12:06	Tw_i_and_stray	63.500	14	58Alp Ori	0.87000	3000.0	127	45958	No
219	GOM_NL__2PRFIN20101214_131357_000000553097_00254_45958_4656.N1	14-DEC-2010 13:13:57	Tw_i_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	45958	No

220	GOM_NL__2PRFIN20101214_131617_000000463097_00254_45958_4657.N1	14-DEC-2010 13:16:17	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45958	No
221	GOM_NL__2PRFIN20101214_131820_000000433097_00254_45958_4658.N1	14-DEC-2010 13:18:20	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	45958	No
222	GOM_NL__2PRFIN20101214_132200_000000453097_00254_45958_4659.N1	14-DEC-2010 13:22:00	Bright	45.000	107	37The Aur	2.6490	11000.	90	45958	No
223	GOM_NL__2PRFIN20101214_132409_000000443097_00254_45958_4660.N1	14-DEC-2010 13:24:09	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45958	No
224	GOM_NL__2PRFIN20101214_133938_000000473097_00254_45958_4661.N1	14-DEC-2010 13:39:38	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	45958	No
225	GOM_NL__2PRFIN20101214_134344_000000433097_00254_45958_4662.N1	14-DEC-2010 13:43:44	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45958	No
226	GOM_NL__2PRFIN20101214_134616_000000413097_00254_45958_4663.N1	14-DEC-2010 13:46:16	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45958	No
227	GOM_NL__2PRFIN20101214_134933_000000373097_00254_45958_4664.N1	14-DEC-2010 13:49:33	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	45958	No
228	GOM_NL__2PRFIN20101214_135243_000000363097_00254_45958_4665.N1	14-DEC-2010 13:52:43	Bright	35.500	83		2.3780	11000.	71	45958	No
229	GOM_NL__2PRFIN20101214_135559_000000413097_00254_45958_4666.N1	14-DEC-2010 13:55:59	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	45958	No
230	GOM_NL__2PRFIN20101214_135948_000000723097_00254_45958_4667.N1	14-DEC-2010 13:59:48	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45958	No
231	GOM_NL__2PRFIN20101214_140545_000000523097_00254_45958_4668.N1	14-DEC-2010 14:05:45	Twilight	51.500	15	67Alp Vir	0.97600	28000.	103	45958	No
232	GOM_NL__2PRFIN20101214_140914_000000493097_00254_45958_4669.N1	14-DEC-2010 14:09:14	Twilight	49.000	169	46Gam Hya	2.9910	4700.0	98	45958	No
233	GOM_NL__2PRFIN20101214_141130_000000363097_00254_45958_4670.N1	14-DEC-2010 14:11:30	Dark	36.000	100	4Gam Crv	2.5800	13100.	72	45958	No
234	GOM_NL__2PRFIN20101214_141306_000000603097_00254_45958_4671.N1	14-DEC-2010 14:13:06	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	45958	No
235	GOM_NL__2PRFIN20101214_141635_000000423097_00254_45958_4672.N1	14-DEC-2010 14:16:35	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45958	No
236	GOM_NL__2PRFIN20101214_141811_000000413097_00255_45959_4645.N1	14-DEC-2010 14:18:11	Dark	40.500	99	Del Cen	2.5750	26000.	81	45959	No
237	GOM_NL__2PRFIN20101214_142157_000000473097_00255_45959_4646.N1	14-DEC-2010 14:21:57	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	45959	No
238	GOM_NL__2PRFIN20101214_142549_000000433097_00255_45959_4647.N1	14-DEC-2010 14:25:49	Dark	43.000	71	Iot Car	2.2460	7700.0	86	45959	No
239	GOM_NL__2PRFIN20101214_143025_000000473097_00255_45959_4648.N1	14-DEC-2010 14:30:25	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	45959	No
240	GOM_NL__2PRFIN20101214_143240_000000533097_00255_45959_4649.N1	14-DEC-2010 14:32:40	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	45959	No
241	GOM_NL__2PRFIN20101214_143518_000000573097_00255_45959_4650.N1	14-DEC-2010 14:35:18	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	45959	No
242	GOM_NL__2PRFIN20101214_143836_000000543097_00255_45959_4651.N1	14-DEC-2010 14:38:36	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	45959	No
243	GOM_NL__2PRFIN20101214_144314_000000533097_00255_45959_4652.N1	14-DEC-2010 14:43:14	Straylight	53.000	47	2Bet CMa	1.9760	28000.	106	45959	No
244	GOM_NL__2PRFIN20101214_144649_000000553097_00255_45959_4653.N1	14-DEC-2010 14:46:49	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	45959	No
245	GOM_NL__2PRFIN20101214_144907_000000513097_00255_45959_4654.N1	14-DEC-2010 14:49:07	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	45959	No
246	GOM_NL__2PRFIN20101214_145220_000000693097_00255_45959_4655.N1	14-DEC-2010 14:52:20	Twilight	69.000	14	58Alp Ori	0.87000	3000.0	138	45959	No
247	GOM_NL__2PRFIN20101214_145411_000000513097_00255_45959_4656.N1	14-DEC-2010 14:54:11	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	45959	No
248	GOM_NL__2PRFIN20101214_145631_000000453097_00255_45959_4657.N1	14-DEC-2010 14:56:31	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	45959	No
249	GOM_NL__2PRFIN20101214_145833_000000453097_00255_45959_4658.N1	14-DEC-2010 14:58:33	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	45959	No
250	GOM_NL__2PRFIN20101214_150213_000000443097_00255_45959_4659.N1	14-DEC-2010 15:02:13	Bright	43.500	107	37The Aur	2.6490	11000.	87	45959	No
251	GOM_NL__2PRFIN20101214_150422_000000463097_00255_45959_4660.N1	14-DEC-2010 15:04:22	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	45959	No
252	GOM_NL__2PRFIN20101214_151952_000000493097_00255_45959_4661.N1	14-DEC-2010 15:19:52	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	45959	No
253	GOM_NL__2PRFIN20101214_152358_000000433097_00255_45959_4662.N1	14-DEC-2010 15:23:58	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45959	No
254	GOM_NL__2PRFIN20101214_152630_000000413097_00255_45959_4663.N1	14-DEC-2010 15:26:30	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45959	No
255	GOM_NL__2PRFIN20101214_152947_000000363097_00255_45959_4664.N1	14-DEC-2010 15:29:47	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	45959	No
256	GOM_NL__2PRFIN20101214_153258_000000373097_00255_45959_4665.N1	14-DEC-2010 15:32:58	Bright	37.000	83		2.3780	11000.	74	45959	No
257	GOM_NL__2PRFIN20101214_153614_000000393097_00255_45959_4666.N1	14-DEC-2010 15:36:14	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	45959	No
258	GOM_NL__2PRFIN20101214_154003_000000723097_00255_45959_4667.N1	14-DEC-2010 15:40:03	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45959	No
259	GOM_NL__2PRFIN20101214_154600_000000543097_00255_45959_4668.N1	14-DEC-2010 15:46:00	Twilight	53.500	15	67Alp Vir	0.97600	28000.	107	45959	No
260	GOM_NL__2PRFIN20101214_154929_000000503097_00255_45959_4669.N1	14-DEC-2010 15:49:29	Twilight	49.500	169	46Gam Hya	2.9910	4700.0	99	45959	No
261	GOM_NL__2PRFIN20101214_155146_000000363097_00255_45959_4670.N1	14-DEC-2010 15:51:46	Dark	36.000	100	4Gam Crv	2.5800	13100.	72	45959	No
262	GOM_NL__2PRFIN20101214_155321_000000573097_00255_45959_4671.N1	14-DEC-2010 15:53:21	Dark	57.000	171	2Eps Crv	3.0010	4250.0	114	45959	No
263	GOM_NL__2PRFIN20101214_155650_000000413097_00255_45959_4672.N1	14-DEC-2010 15:56:50	Dark	41.000	64	Gam Cen	2.2000	10600.	82	45959	No
264	GOM_NL__2PRFIN20101214_155826_000000423097_00256_45960_4645.N1	14-DEC-2010 15:58:26	Dark	41.500	99	Del Cen	2.5750	26000.	83	45960	No
265	GOM_NL__2PRFIN20101214_160212_000000453097_00256_45960_4646.N1	14-DEC-2010 16:02:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45960	No
266	GOM_NL__2PRFIN20101214_160604_000000423097_00256_45960_4647.N1	14-DEC-2010 16:06:04	Dark	42.000	71	Iot Car	2.2460	7700.0	84	45960	No
267	GOM_NL__2PRFIN20101214_161040_000000503097_00256_45960_4648.N1	14-DEC-2010 16:10:40	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	45960	No
268	GOM_NL__2PRFIN20101214_161255_000000503097_00256_45960_4649.N1	14-DEC-2010 16:12:55	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	45960	No
269	GOM_NL__2PRFIN20101214_161533_000000563097_00256_45960_4650.N1	14-DEC-2010 16:15:33	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	45960	No
270	GOM_NL__2PRFIN20101214_161850_000000483097_00256_45960_4651.N1	14-DEC-2010 16:18:50	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	45960	No
271	GOM_NL__2PRFIN20101214_193110_000000463097_00258_45962_4660.N1	14-DEC-2010 19:31:10	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	45962	Yes
272	GOM_NL__2PRFIN20101214_193323_000000533097_00258_45962_4661.N1	14-DEC-2010 19:33:23	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	45962	No
273	GOM_NL__2PRFIN20101214_193602_000000493097_00258_45962_4662.N1	14-DEC-2010 19:36:02	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	45962	No
274	GOM_NL__2PRFIN20101214_193919_000000573097_00258_45962_4663.N1	14-DEC-2010 19:39:19	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45962	No
275	GOM_NL__2PRFIN20101214_194357_000000553097_00258_45962_4664.N1	14-DEC-2010 19:43:57	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45962	No
276	GOM_NL__2PRFIN20101214_194732_000000553097_00258_45962_4665.N1	14-DEC-2010 19:47:32	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	45962	No
277	GOM_NL__2PRFIN20101214_194949_000000483097_00258_45962_4666.N1	14-DEC-2010 19:49:49	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45962	No
278	GOM_NL__2PRFIN20101214_195301_000000693097_00258_45962_4667.N1	14-DEC-2010 19:53:01	Twilight	69.000	14	58Alp Ori	0.87000	3000.0	138	45962	No

279	GOM_NL__2PRFIN20101214_195453_000000513097_00258_45962_4668.N1	14-DEC-2010 19:54:53	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	45962	No
280	GOM_NL__2PRFIN20101214_195712_000000443097_00258_45962_4669.N1	14-DEC-2010 19:57:12	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	45962	No
281	GOM_NL__2PRFIN20101214_195914_000000453097_00258_45962_4670.N1	14-DEC-2010 19:59:14	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	45962	No
282	GOM_NL__2PRFIN20101214_200254_000000443097_00258_45962_4671.N1	14-DEC-2010 20:02:54	Bright	44.000	107	37The Aur	2.6490	11000.	88	45962	No
283	GOM_NL__2PRFIN20101214_200503_000000453097_00258_45962_4672.N1	14-DEC-2010 20:05:03	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	45962	No
284	GOM_NL__2PRFIN20101214_202032_000000433097_00258_45962_4673.N1	14-DEC-2010 20:20:32	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	45962	No
285	GOM_NL__2PRFIN20101214_202440_000000443097_00258_45962_4674.N1	14-DEC-2010 20:24:40	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	45962	No
286	GOM_NL__2PRFIN20101214_202712_000000413097_00258_45962_4675.N1	14-DEC-2010 20:27:12	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45962	No
287	GOM_NL__2PRFIN20101214_203030_000000363097_00258_45962_4676.N1	14-DEC-2010 20:30:30	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45962	No
288	GOM_NL__2PRFIN20101214_203340_000000373097_00258_45962_4677.N1	14-DEC-2010 20:33:40	Bright	37.000	83		2.3780	11000.	74	45962	No
289	GOM_NL__2PRFIN20101214_203657_000000523097_00258_45962_4678.N1	14-DEC-2010 20:36:57	Bright	51.500	111	8Eta Boo	2.6800	6000.0	103	45962	No
290	GOM_NL__2PRFIN20101214_204047_000000733097_00258_45962_4679.N1	14-DEC-2010 20:40:47	Bright	73.000	138	47Eps Vir	2.8280	4700.0	146	45962	No
291	GOM_NL__2PRFIN20101214_204644_000000523097_00258_45962_4680.N1	14-DEC-2010 20:46:44	Twilight	51.500	15	67Alp Vir	0.97600	28000.	103	45962	No
292	GOM_NL__2PRFIN20101214_205013_000000463097_00258_45962_4681.N1	14-DEC-2010 20:50:13	Dark	46.000	169	46Gam Hya	2.9910	4700.0	92	45962	No
293	GOM_NL__2PRFIN20101214_205236_000000563097_00258_45962_4682.N1	14-DEC-2010 20:52:36	Dark	55.500	106	9Bet Crv	2.6480	5600.0	111	45962	No
294	GOM_NL__2PRFIN20101214_205407_000000553097_00258_45962_4683.N1	14-DEC-2010 20:54:07	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	45962	No
295	GOM_NL__2PRFIN20101214_205734_000000433097_00258_45962_4684.N1	14-DEC-2010 20:57:34	Dark	43.000	64	Gam Cen	2.2000	10600.	86	45962	No
296	GOM_NL__2PRFIN20101214_205910_000000433097_00259_45963_4712.N1	14-DEC-2010 20:59:10	Dark	42.500	99	Del Cen	2.5750	26000.	85	45963	No
297	GOM_NL__2PRFIN20101214_210256_000000473097_00259_45963_4713.N1	14-DEC-2010 21:02:56	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	45963	No
298	GOM_NL__2PRFIN20101214_210648_000000423097_00259_45963_4714.N1	14-DEC-2010 21:06:48	Dark	41.500	71	1ot Car	2.2460	7700.0	83	45963	No
299	GOM_NL__2PRFIN20101214_211124_000000503097_00259_45963_4715.N1	14-DEC-2010 21:11:24	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	45963	No
300	GOM_NL__2PRFIN20101214_211338_000000543097_00259_45963_4716.N1	14-DEC-2010 21:13:38	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	45963	No
301	GOM_NL__2PRFIN20101214_211617_000000533097_00259_45963_4717.N1	14-DEC-2010 21:16:17	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	45963	No
302	GOM_NL__2PRFIN20101214_211934_000000573097_00259_45963_4718.N1	14-DEC-2010 21:19:34	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45963	No
303	GOM_NL__2PRFIN20101214_212411_000000543097_00259_45963_4719.N1	14-DEC-2010 21:24:11	Straylight	53.500	47	2Bet CMa	1.9760	28000.	107	45963	No
304	GOM_NL__2PRFIN20101214_212746_000000483097_00259_45963_4720.N1	14-DEC-2010 21:27:46	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	45963	No
305	GOM_NL__2PRFIN20101214_213002_000000483097_00259_45963_4721.N1	14-DEC-2010 21:30:02	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45963	No
306	GOM_NL__2PRFIN20101214_213315_000000683097_00259_45963_4722.N1	14-DEC-2010 21:33:15	Twilight	68.000	14	58Alp Ori	0.87000	3000.0	136	45963	No
307	GOM_NL__2PRFIN20101214_213507_000000553097_00259_45963_4723.N1	14-DEC-2010 21:35:07	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	45963	No
308	GOM_NL__2PRFIN20101214_213725_000000463097_00259_45963_4724.N1	14-DEC-2010 21:37:25	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45963	No
309	GOM_NL__2PRFIN20101214_213928_000000443097_00259_45963_4725.N1	14-DEC-2010 21:39:28	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	45963	No
310	GOM_NL__2PRFIN20101214_214307_000000453097_00259_45963_4726.N1	14-DEC-2010 21:43:07	Bright	44.500	107	37The Aur	2.6490	11000.	89	45963	No
311	GOM_NL__2PRFIN20101214_214516_000000453097_00259_45963_4727.N1	14-DEC-2010 21:45:16	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	45963	No
312	GOM_NL__2PRFIN20101214_220046_000000683097_00259_45963_4728.N1	14-DEC-2010 22:00:46	Bright	68.000	36	50Alp UMa	1.8000	6300.0	136	45963	No
313	GOM_NL__2PRFIN20101214_220454_000000433097_00259_45963_4729.N1	14-DEC-2010 22:04:54	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45963	No
314	GOM_NL__2PRFIN20101214_220726_000000583097_00259_45963_4730.N1	14-DEC-2010 22:07:26	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45963	No
315	GOM_NL__2PRFIN20101214_221044_000000363097_00259_45963_4731.N1	14-DEC-2010 22:10:44	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45963	No
316	GOM_NL__2PRFIN20101214_221355_000000373097_00259_45963_4732.N1	14-DEC-2010 22:13:55	Bright	37.000	83		2.3780	11000.	74	45963	No
317	GOM_NL__2PRFIN20101214_221711_000000403097_00259_45963_4733.N1	14-DEC-2010 22:17:11	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	45963	No
318	GOM_NL__2PRFIN20101214_222102_000000633097_00259_45963_4734.N1	14-DEC-2010 22:21:02	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	45963	No
319	GOM_NL__2PRFIN20101214_222659_000000533097_00259_45963_4735.N1	14-DEC-2010 22:26:59	Twilight	53.000	15	67Alp Vir	0.97600	28000.	106	45963	No
320	GOM_NL__2PRFIN20101214_223028_000000463097_00259_45963_4736.N1	14-DEC-2010 22:30:28	Dark	45.500	169	46Gam Hya	2.9910	4700.0	91	45963	No
321	GOM_NL__2PRFIN20101214_223251_000000553097_00259_45963_4737.N1	14-DEC-2010 22:32:51	Dark	54.500	106	9Bet Crv	2.6480	5600.0	109	45963	No
322	GOM_NL__2PRFIN20101214_223422_000000573097_00259_45963_4738.N1	14-DEC-2010 22:34:22	Dark	57.000	171	2Eps Crv	3.0010	4250.0	114	45963	No
323	GOM_NL__2PRFIN20101214_223748_000000413097_00259_45963_4739.N1	14-DEC-2010 22:37:48	Dark	41.000	64	Gam Cen	2.2000	10600.	82	45963	No
324	GOM_NL__2PRFIN20101214_223925_000000423097_00260_45964_4725.N1	14-DEC-2010 22:39:25	Dark	41.500	99	Del Cen	2.5750	26000.	83	45964	No
325	GOM_NL__2PRFIN20101214_224311_000000473097_00260_45964_4726.N1	14-DEC-2010 22:43:11	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	45964	No
326	GOM_NL__2PRFIN20101214_224702_000000423097_00260_45964_4727.N1	14-DEC-2010 22:47:02	Dark	42.000	71	1ot Car	2.2460	7700.0	84	45964	No
327	GOM_NL__2PRFIN20101214_225139_000000493097_00260_45964_4728.N1	14-DEC-2010 22:51:39	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	45964	No
328	GOM_NL__2PRFIN20101214_225352_000000563097_00260_45964_4729.N1	14-DEC-2010 22:53:52	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45964	No
329	GOM_NL__2PRFIN20101214_225632_000000643097_00260_45964_4730.N1	14-DEC-2010 22:56:32	Dark	64.000	117	Pi Pup	2.7060	3800.0	128	45964	No
330	GOM_NL__2PRFIN20101214_225948_000000573097_00260_45964_4731.N1	14-DEC-2010 22:59:48	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45964	No
331	GOM_NL__2PRFIN20101214_230425_000000533097_00260_45964_4732.N1	14-DEC-2010 23:04:25	Straylight	52.500	47	2Bet CMa	1.9760	28000.	105	45964	No
332	GOM_NL__2PRFIN20101214_230800_000000463097_00260_45964_4733.N1	14-DEC-2010 23:08:00	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	45964	No
333	GOM_NL__2PRFIN20101214_231016_000000483097_00260_45964_4734.N1	14-DEC-2010 23:10:16	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45964	No
334	GOM_NL__2PRFIN20101214_231328_000000593097_00260_45964_4735.N1	14-DEC-2010 23:13:28	Twilight	59.000	14	58Alp Ori	0.87000	3000.0	118	45964	No
335	GOM_NL__2PRFIN20101214_231520_000000533097_00260_45964_4736.N1	14-DEC-2010 23:15:20	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	45964	No
336	GOM_NL__2PRFIN20101214_231739_000000453097_00260_45964_4737.N1	14-DEC-2010 23:17:39	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	45964	No
337	GOM_NL__2PRFIN20101214_231941_000000433097_00260_45964_4738.N1	14-DEC-2010 23:19:41	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	45964	No

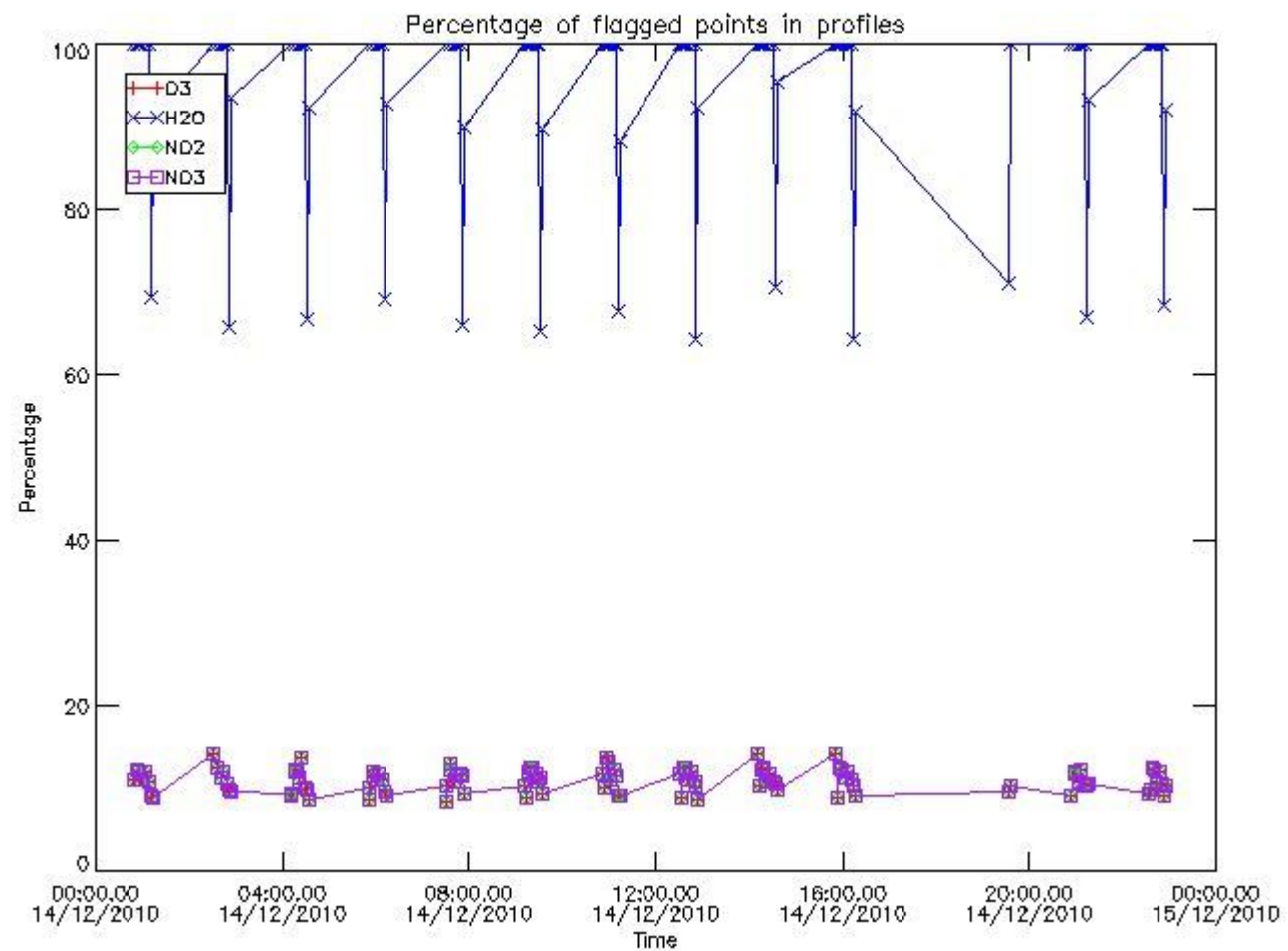


338	GOM_NL__2PRFIN20101214_232320_000000443097_00260_45964_4739.N1	14-DEC-2010 23:23:20	Bright	44.000	107	37The Aur	2.6490	11000.	88	45964	No
339	GOM_NL__2PRFIN20101214_232529_000000443097_00260_45964_4740.N1	14-DEC-2010 23:25:29	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	45964	No
340	GOM_NL__2PRFIN20101214_234029_000000343097_00260_45964_4741.N1	14-DEC-2010 23:40:29	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	45964	No
341	GOM_NL__2PRFIN20101214_234507_000000413097_00260_45964_4742.N1	14-DEC-2010 23:45:07	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45964	No
342	GOM_NL__2PRFIN20101214_234740_000000583097_00260_45964_4743.N1	14-DEC-2010 23:47:40	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45964	No
343	GOM_NL__2PRFIN20101214_235058_000000453097_00260_45964_4744.N1	14-DEC-2010 23:50:58	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	45964	No
344	GOM_NL__2PRFIN20101214_235409_000000543097_00260_45964_4745.N1	14-DEC-2010 23:54:09	Bright	54.000	83		2.3780	11000.	108	45964	No
345	GOM_NL__2PRFIN20101214_235725_000000403097_00260_45964_4746.N1	14-DEC-2010 23:57:25	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	45964	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.

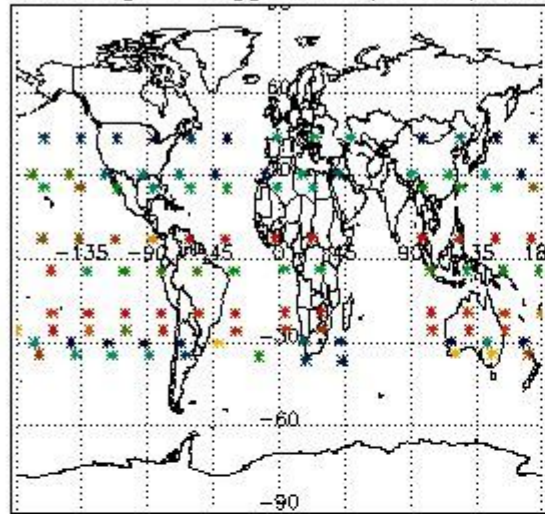
#### 3.1 Plot quality information per product (time dependant)



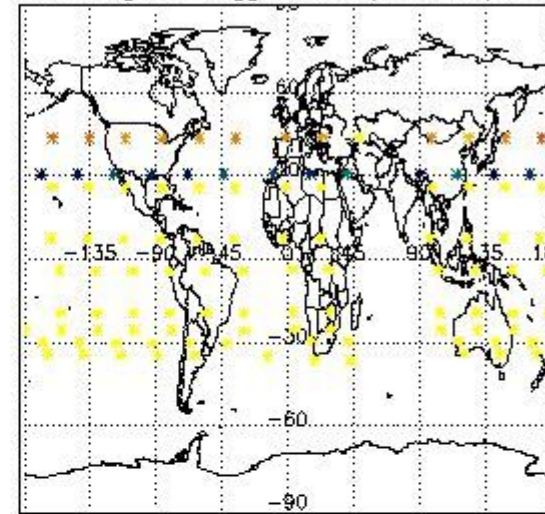
#### 3.2 Plot quality information per product (world map)



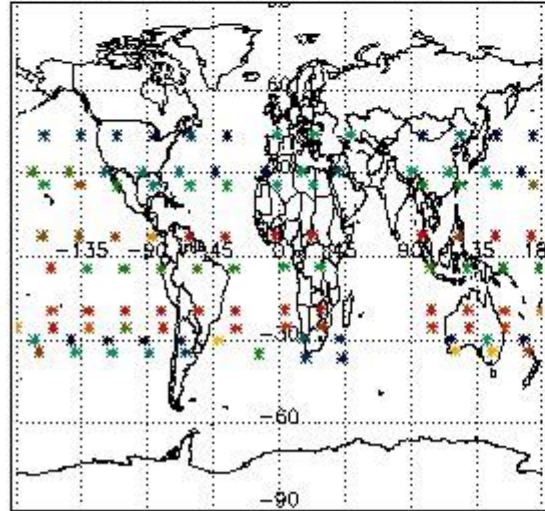
Percentage of flagged data per O3 profile



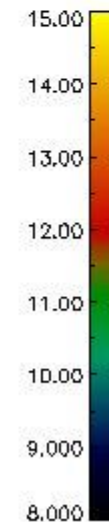
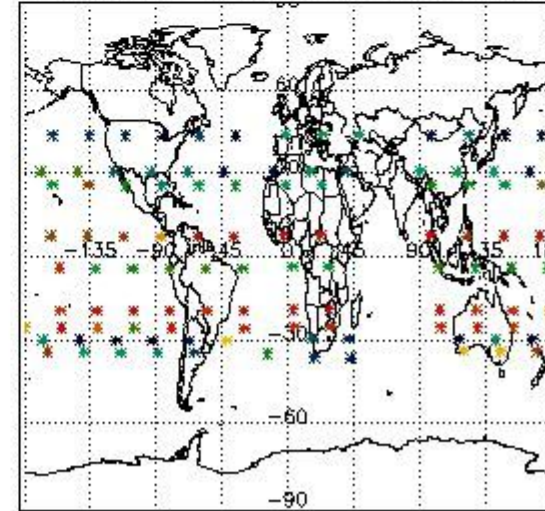
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

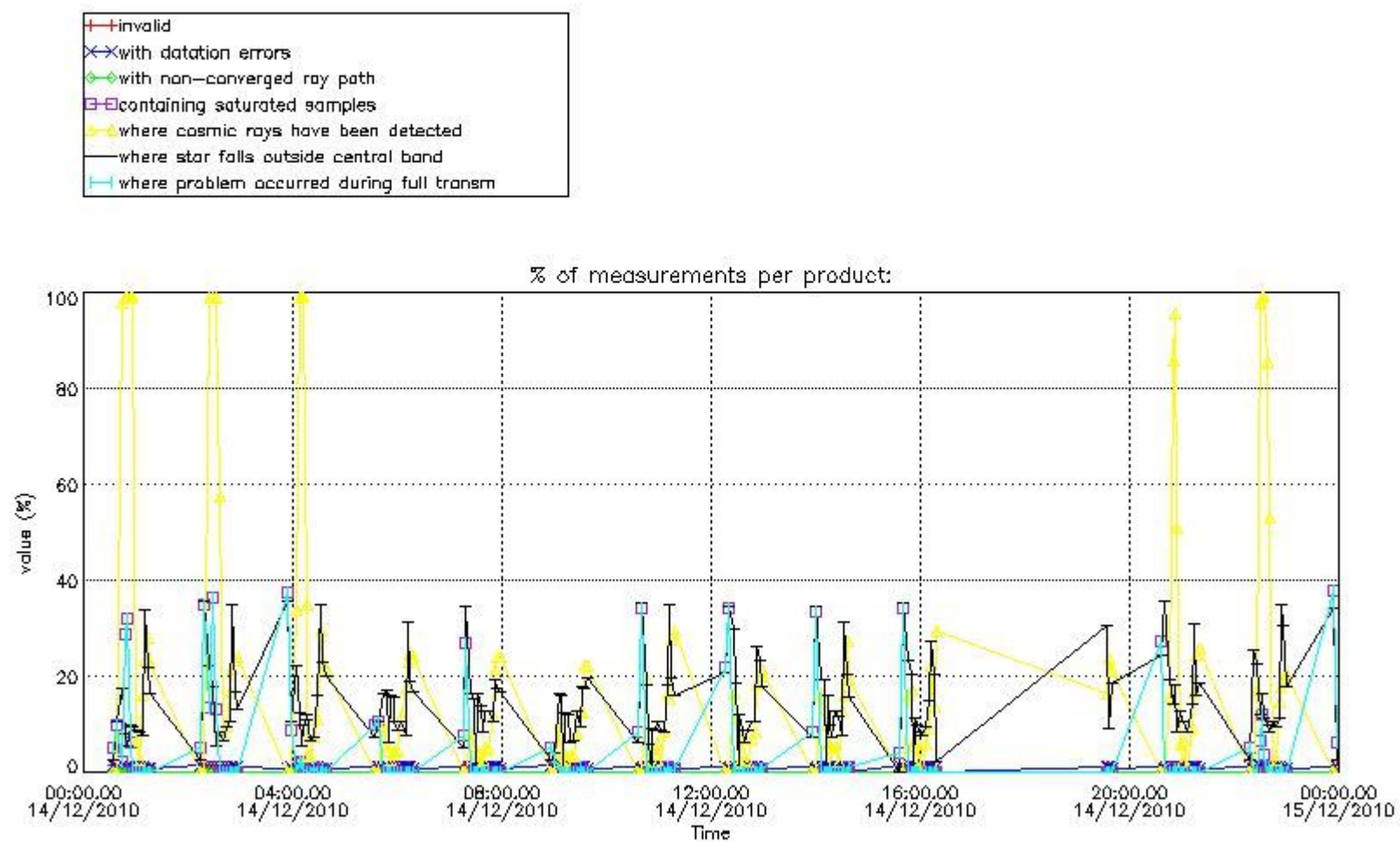


#### 4. Level 1 quality information per product

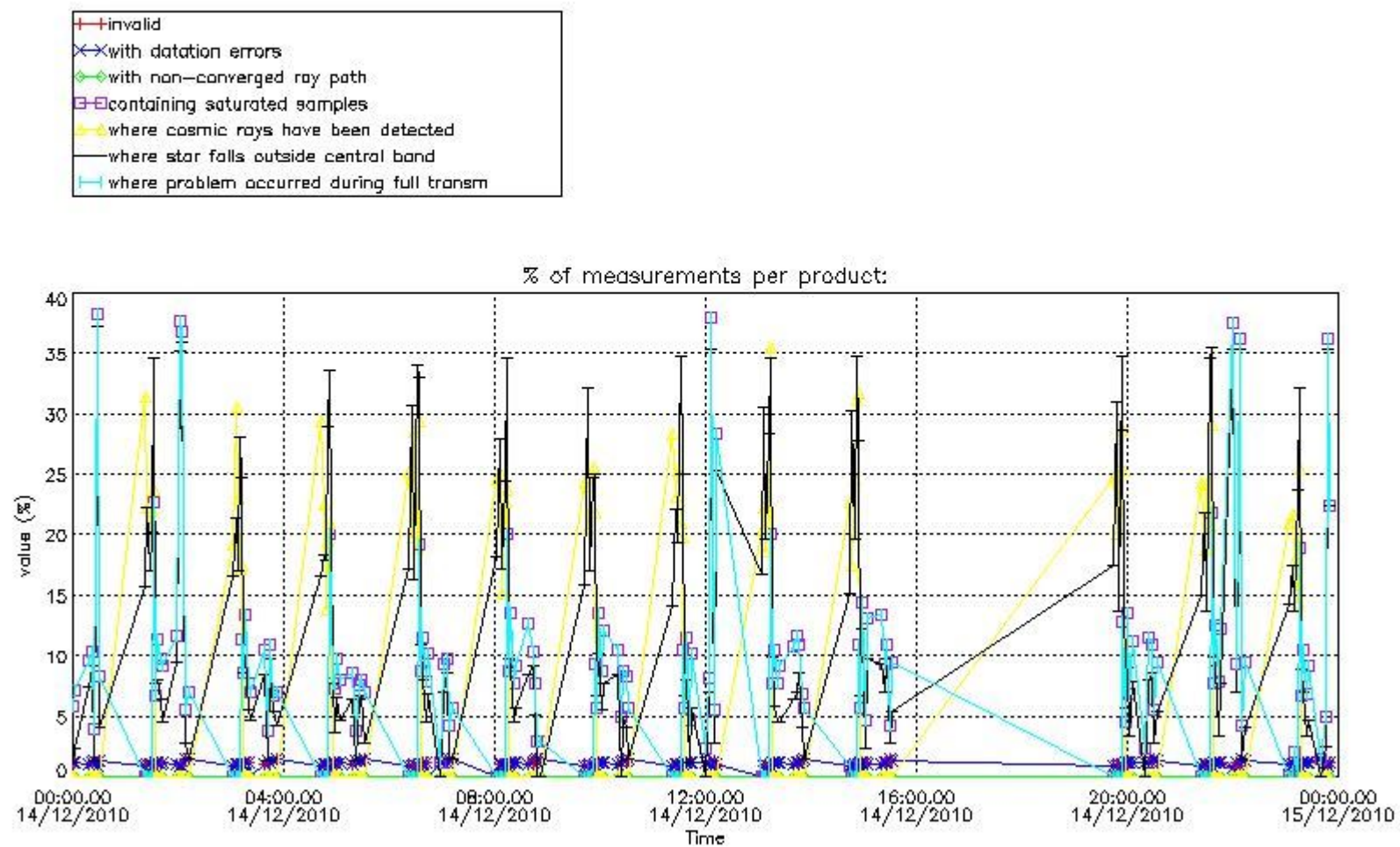
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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): ENVISAT DESCENDING passes

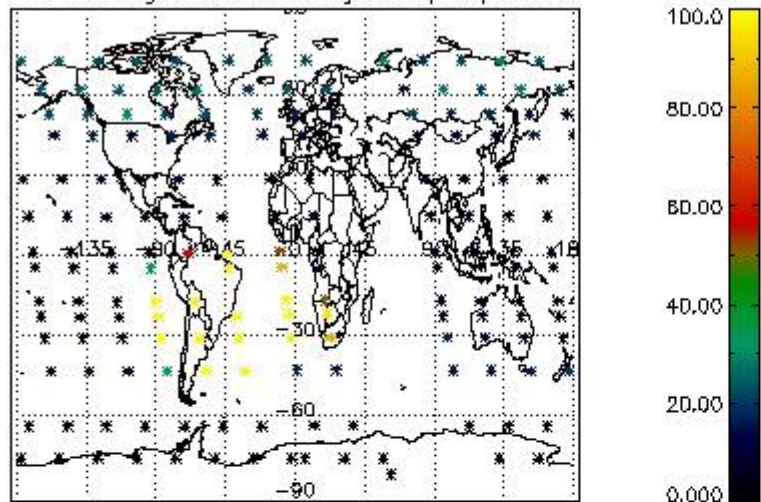


4.2 Plot quality information per product coming from level 1b processing (world map)

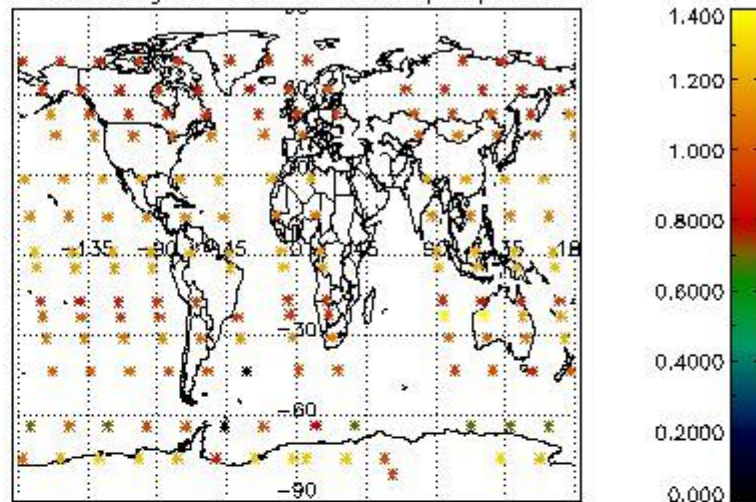
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



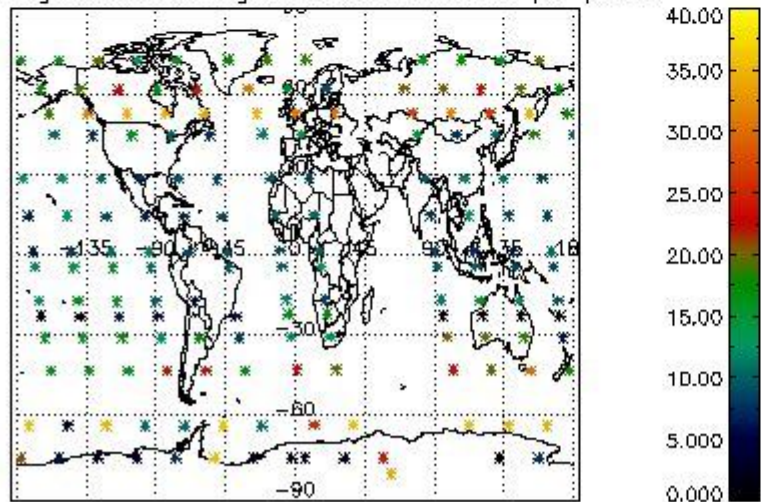
Percentage of cosmic ray hits per profile



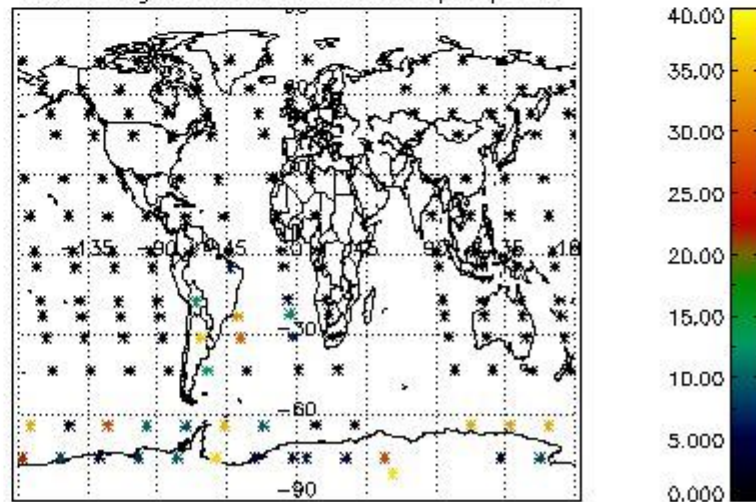
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

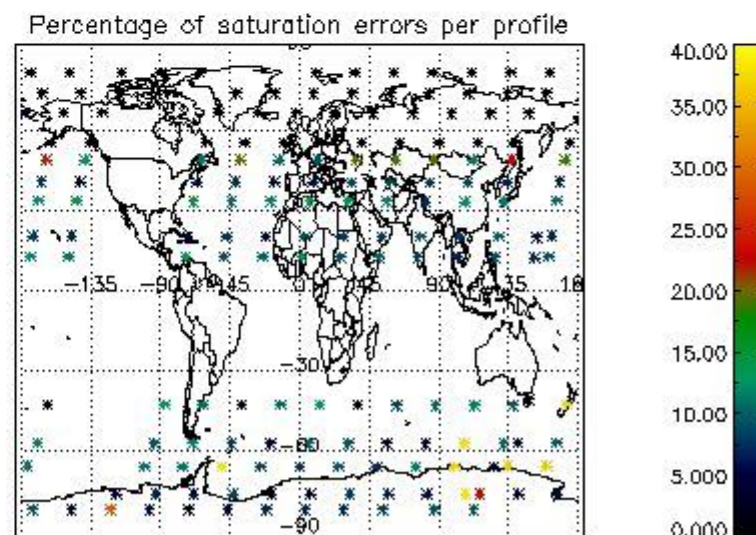
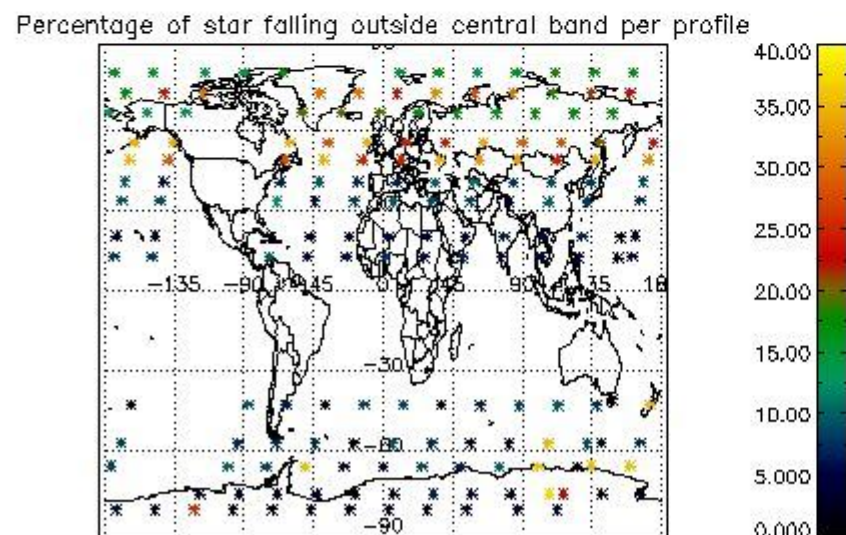
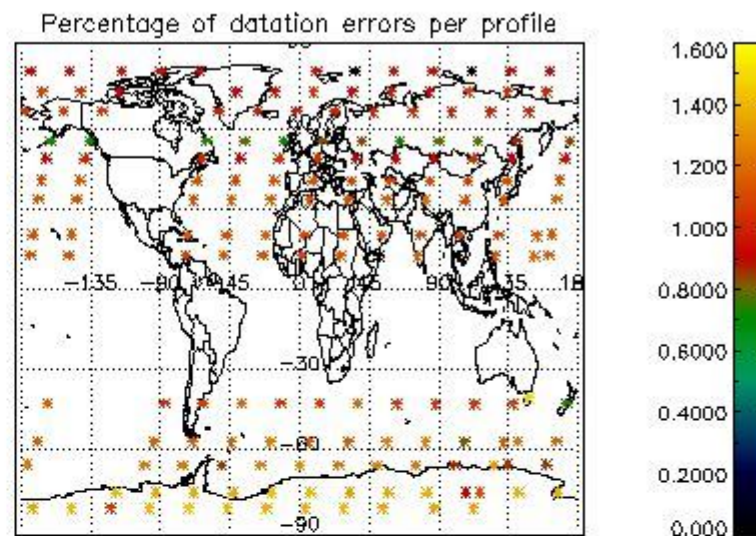
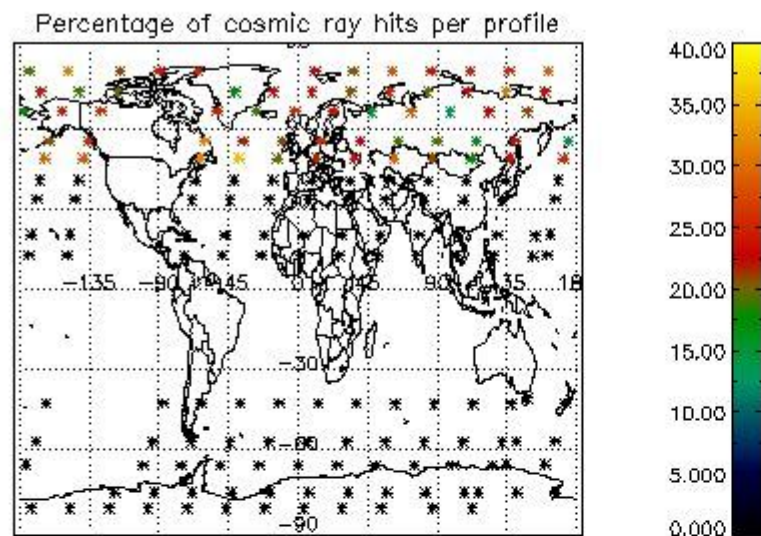


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

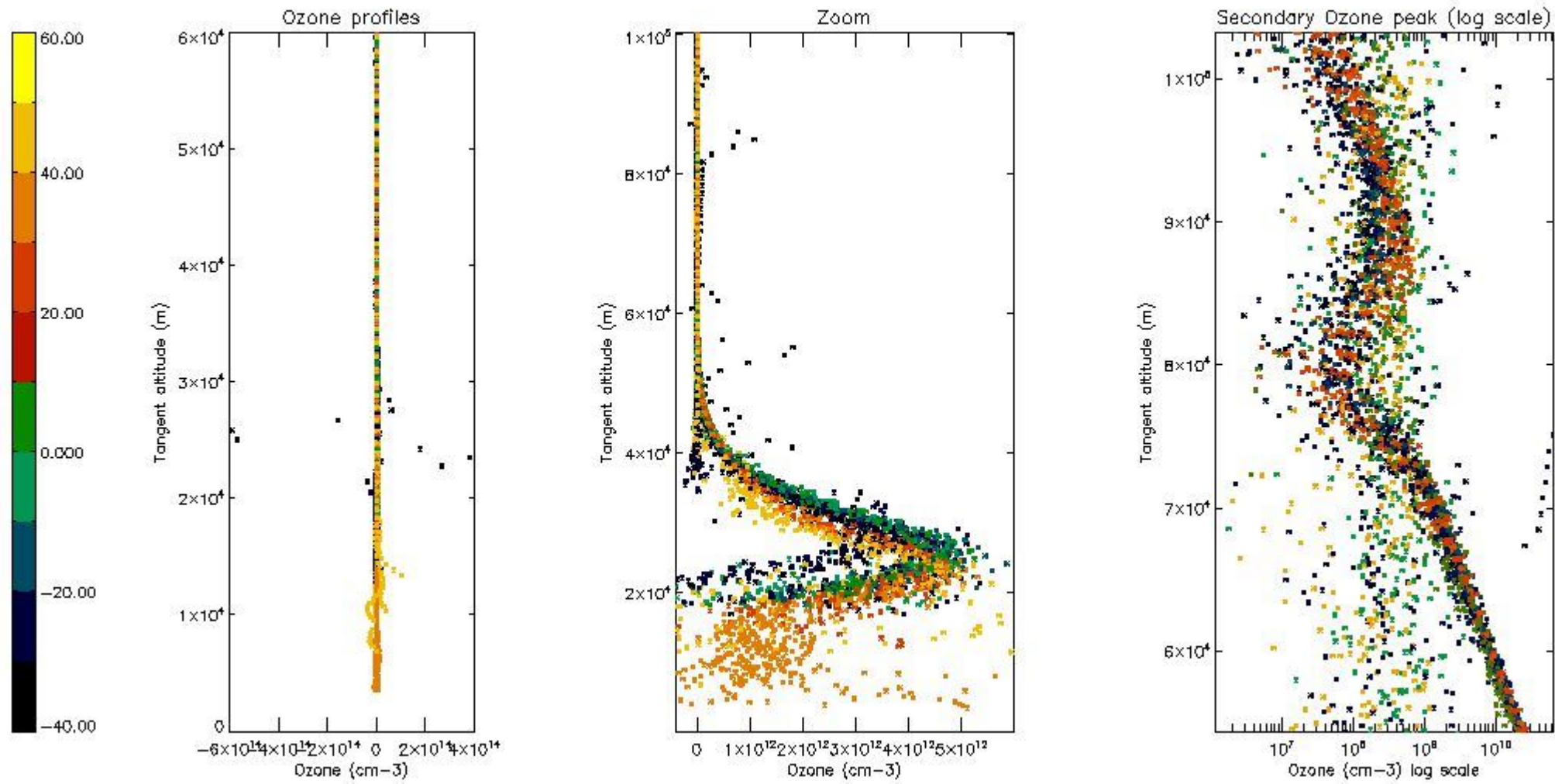
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	9
STD < 5	6

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

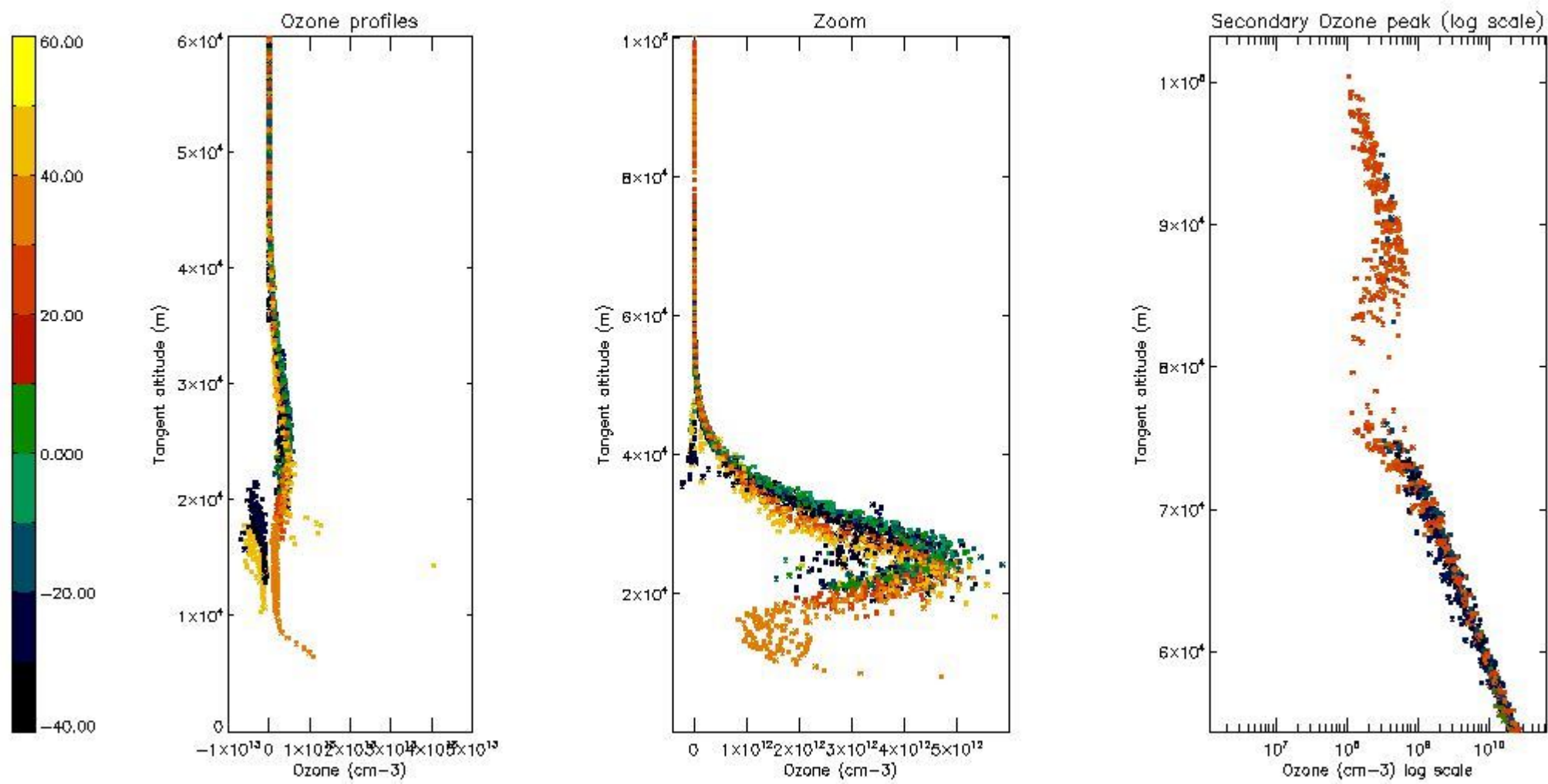
The colorbar represents the latitude.



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

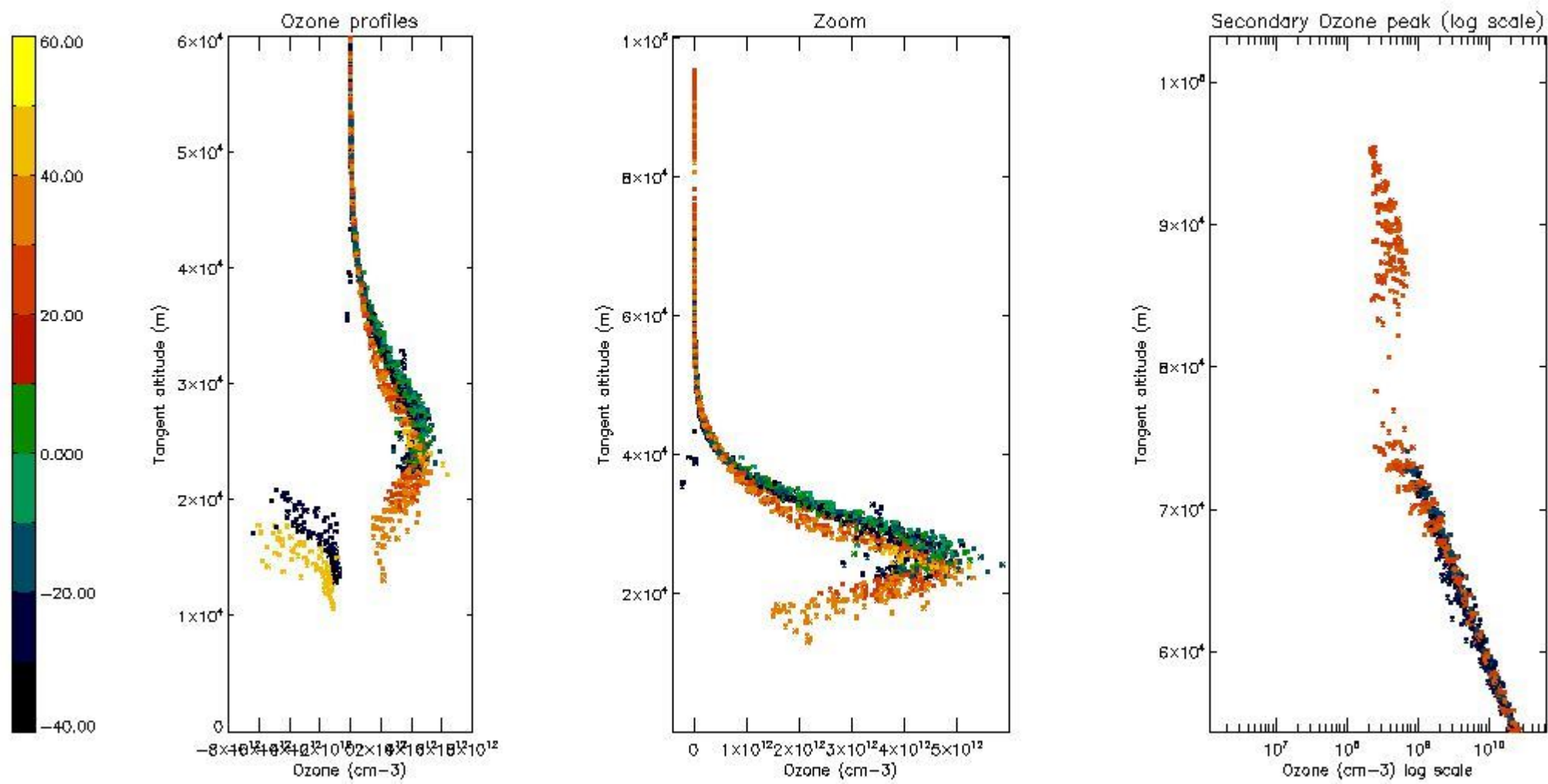
The colorbar represents the latitude.





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

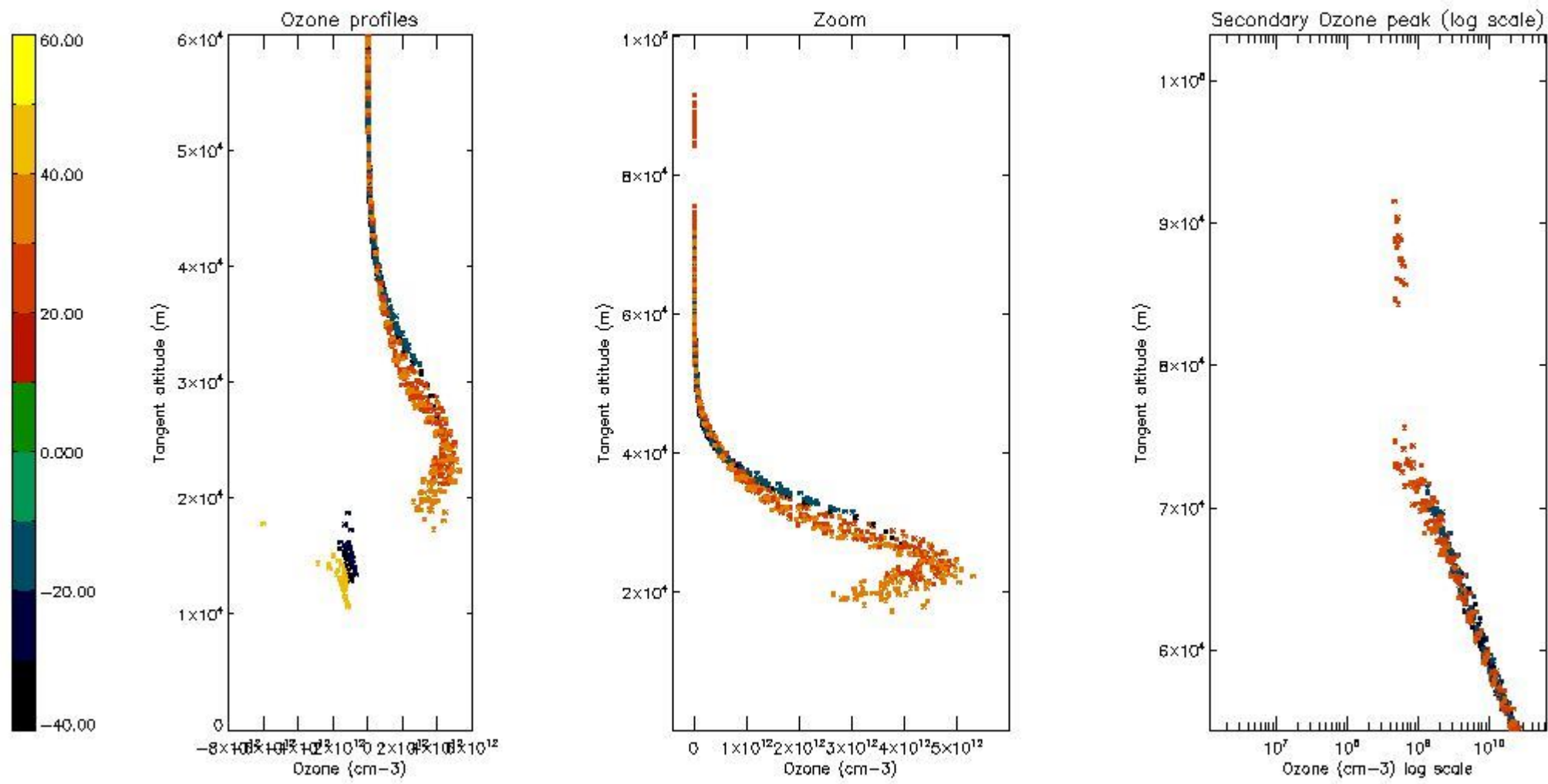
The colorbar represents the latitude.



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

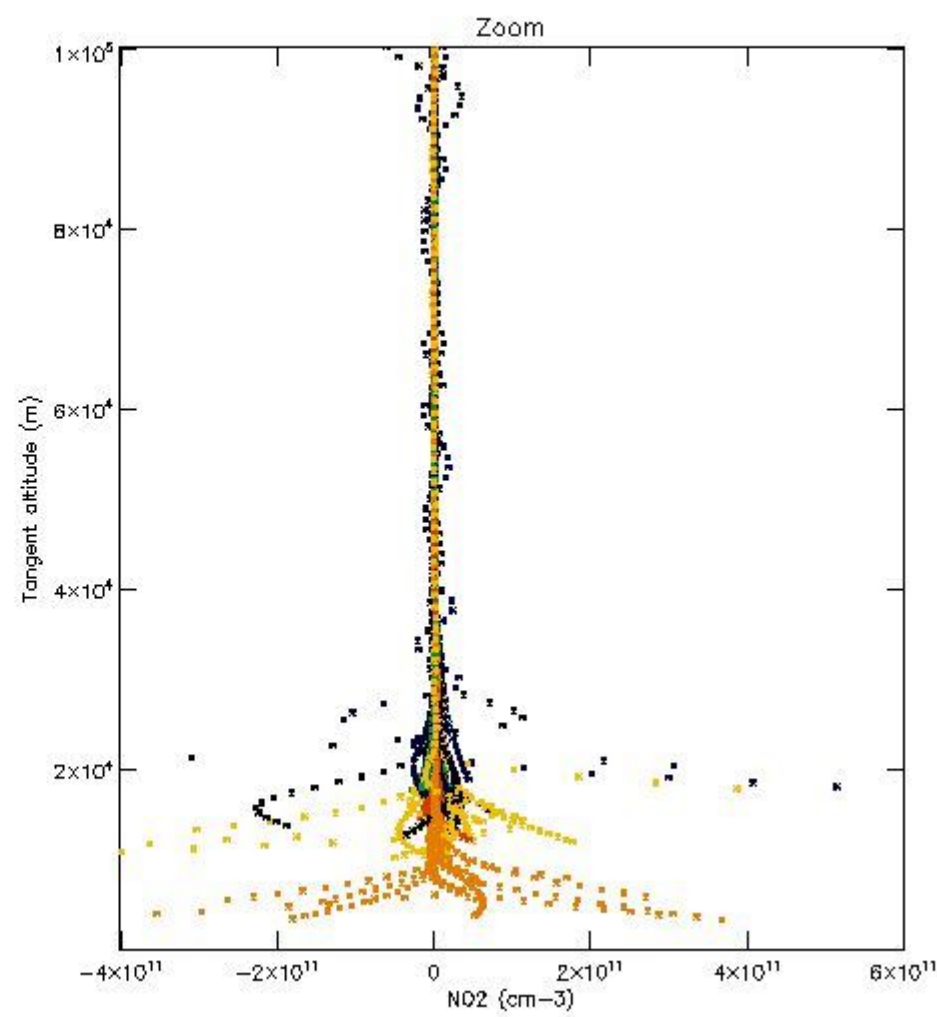
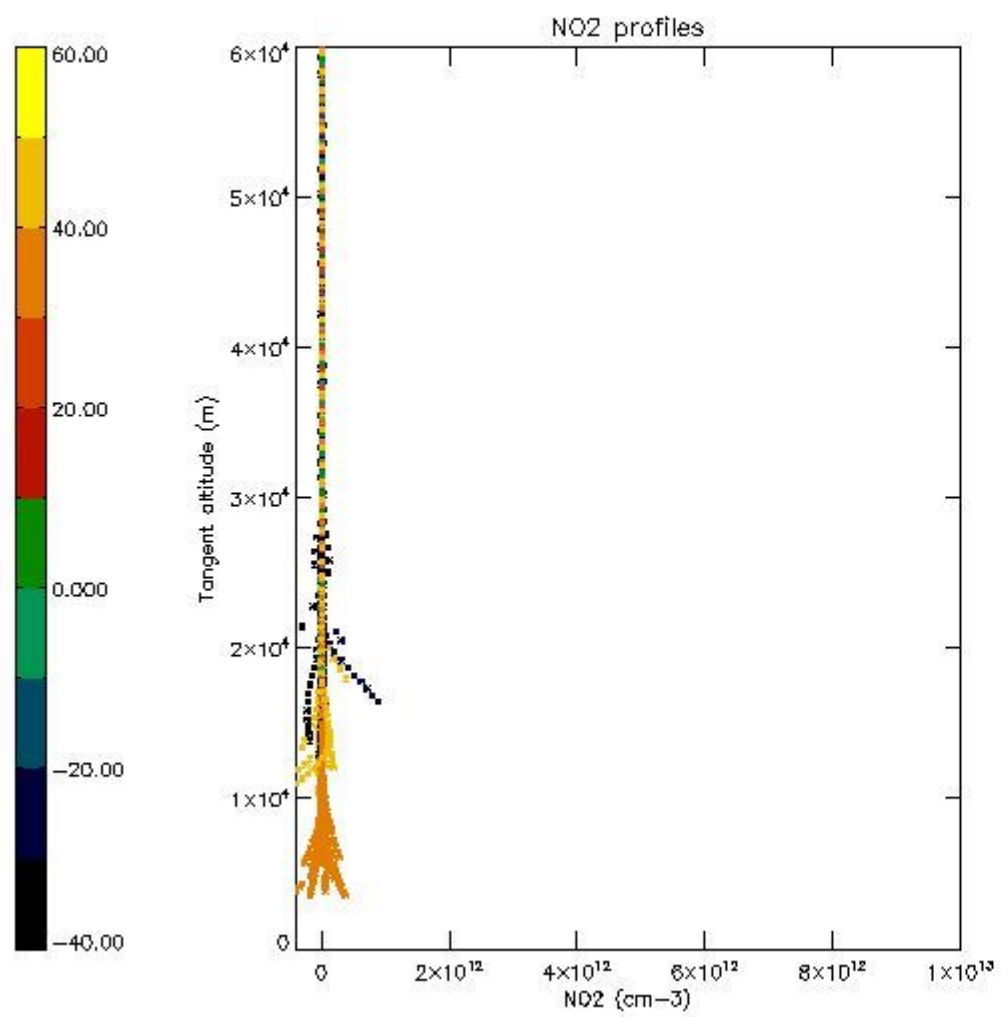
The colorbar represents the latitude.





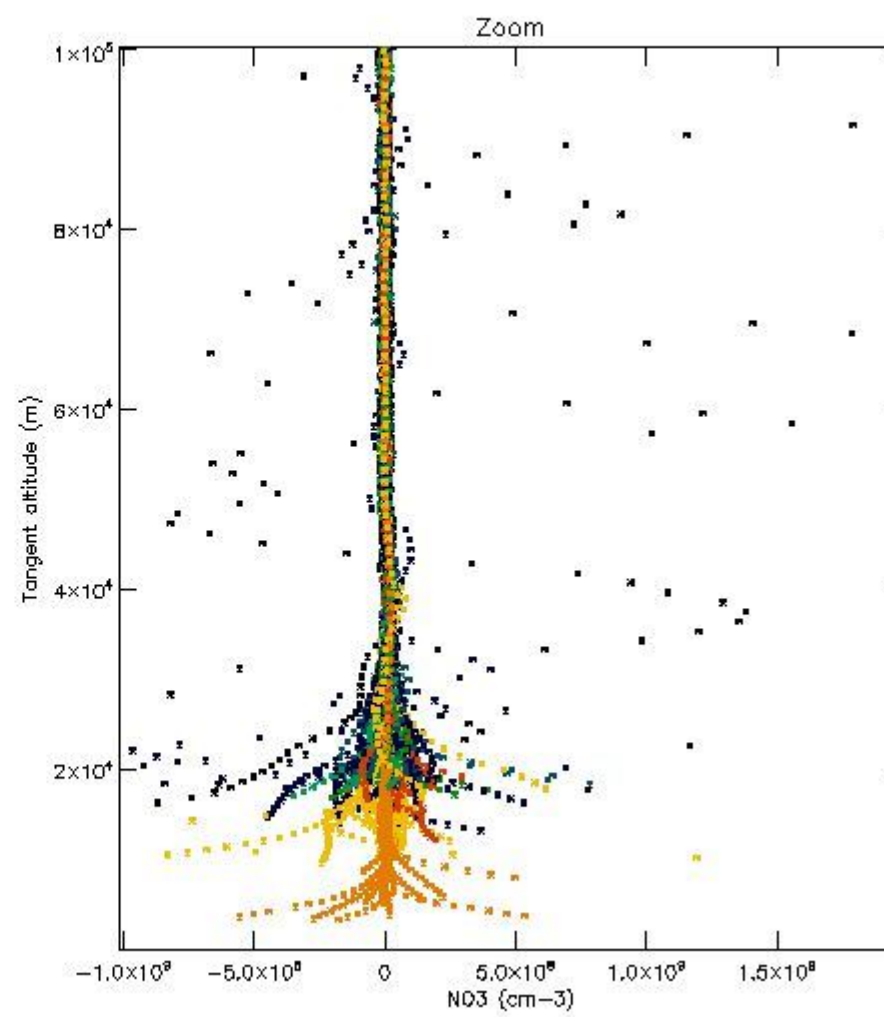
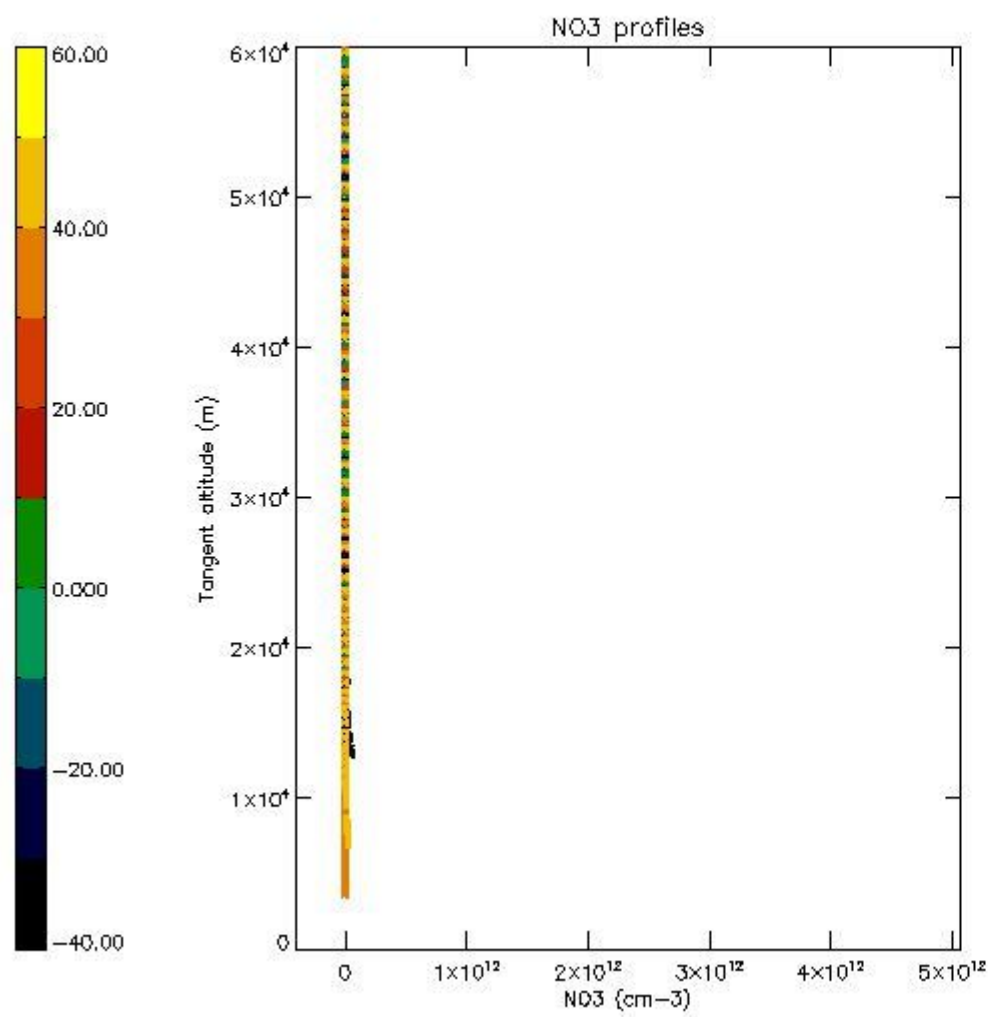
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



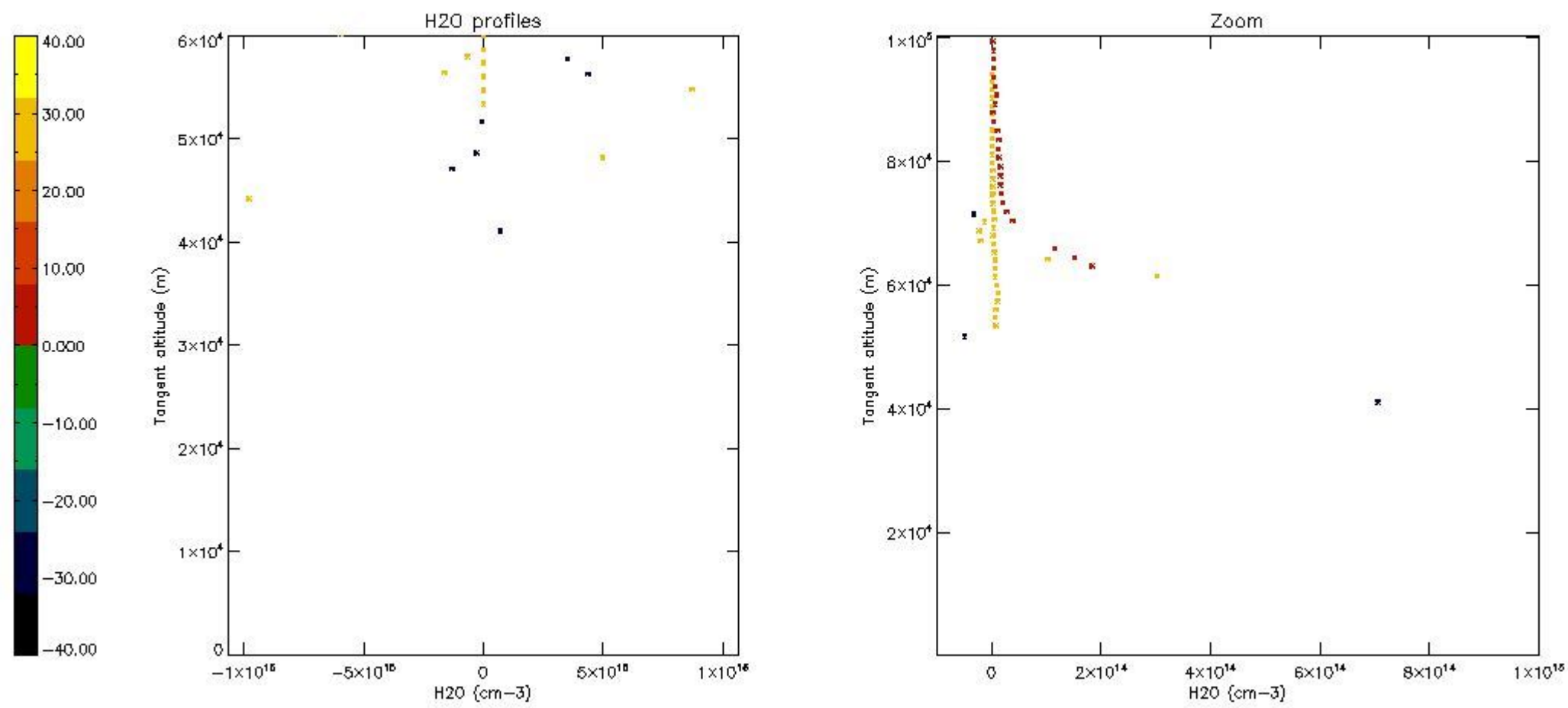
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	14-DEC-2010 00:00:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-DEC-2010 00:00:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-DEC-2010 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	29APR2013 17:01:54
Data source version	GOMOS/6.01
Start time of products	14-12-2010 (14DEC2010 00:00:00)
Stop time of products	15-12-2010 (15DEC2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	345
Nb of prods with errors	1

## 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__2PRFIN20101214_000013_000000443097_00246_45950_4315.N1	14-DEC-2010 00:00:13	Bright	43.500	107	37The Aur	2.6490	11000.	87	45950	No
2	GOM_NL__2PRFIN20101214_000222_000000433097_00246_45950_4316.N1	14-DEC-2010 00:02:22	Bright	42.500	42	34Bet Aur	1.9000	10200.	85	45950	No
3	GOM_NL__2PRFIN20101214_001750_000000473097_00246_45950_4317.N1	14-DEC-2010 00:17:50	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45950	No
4	GOM_NL__2PRFIN20101214_002154_000000443097_00246_45950_4318.N1	14-DEC-2010 00:21:54	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	45950	No
5	GOM_NL__2PRFIN20101214_002424_000000383097_00246_45950_4319.N1	14-DEC-2010 00:24:24	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	45950	No
6	GOM_NL__2PRFIN20101214_002740_000000553097_00246_45950_4320.N1	14-DEC-2010 00:27:40	Bright	55.000	180	27Gam Boo	3.0400	8000.0	110	45950	No
7	GOM_NL__2PRFIN20101214_003050_000000373097_00246_45950_4321.N1	14-DEC-2010 00:30:50	Bright	36.500	83		2.3780	11000.	73	45950	No
8	GOM_NL__2PRFIN20101214_003405_000000393097_00246_45950_4322.N1	14-DEC-2010 00:34:05	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45950	No
9	GOM_NL__2PRFIN20101214_003751_000000523097_00246_45950_4323.N1	14-DEC-2010 00:37:51	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	45950	No
10	GOM_NL__2PRFIN20101214_004347_000000493097_00246_45950_4324.N1	14-DEC-2010 00:43:47	Twilight	48.500	15	67Alp Vir	0.97600	28000.	97	45950	No
11	GOM_NL__2PRFIN20101214_004716_000000443097_00246_45950_4325.N1	14-DEC-2010 00:47:16	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	45950	No
12	GOM_NL__2PRFIN20101214_004928_000000553097_00246_45950_4326.N1	14-DEC-2010 00:49:28	Dark	54.500	100	4Gam Crv	2.5800	13100.	109	45950	No
13	GOM_NL__2PRFIN20101214_005438_000000423097_00246_45950_4327.N1	14-DEC-2010 00:54:38	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45950	No
14	GOM_NL__2PRFIN20101214_005614_000000423097_00247_45951_4351.N1	14-DEC-2010 00:56:14	Dark	42.000	99	Del Cen	2.5750	26000.	84	45951	No
15	GOM_NL__2PRFIN20101214_005957_000000463097_00247_45951_4352.N1	14-DEC-2010 00:59:57	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45951	No
16	GOM_NL__2PRFIN20101214_010352_000000423097_00247_45951_4353.N1	14-DEC-2010 01:03:52	Dark	42.000	71	Iot Car	2.2460	7700.0	84	45951	No
17	GOM_NL__2PRFIN20101214_010827_000000473097_00247_45951_4354.N1	14-DEC-2010 01:08:27	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	45951	No
18	GOM_NL__2PRFIN20101214_011045_000000563097_00247_45951_4355.N1	14-DEC-2010 01:10:45	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45951	No
19	GOM_NL__2PRFIN20101214_011322_000000583097_00247_45951_4356.N1	14-DEC-2010 01:13:22	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	45951	No
20	GOM_NL__2PRFIN20101214_011640_000000563097_00247_45951_4357.N1	14-DEC-2010 01:16:40	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	45951	No
21	GOM_NL__2PRFIN20101214_012121_000000543097_00247_45951_4358.N1	14-DEC-2010 01:21:21	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	45951	No
22	GOM_NL__2PRFIN20101214_012457_000000503097_00247_45951_4359.N1	14-DEC-2010 01:24:57	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	45951	No
23	GOM_NL__2PRFIN20101214_012715_000000503097_00247_45951_4360.N1	14-DEC-2010 01:27:15	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45951	No
24	GOM_NL__2PRFIN20101214_013031_000000573097_00247_45951_4361.N1	14-DEC-2010 01:30:31	Twilight	57.000	14	58Alp Ori	0.87000	3000.0	114	45951	No
25	GOM_NL__2PRFIN20101214_013219_000000553097_00247_45951_4362.N1	14-DEC-2010 01:32:19	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	45951	No
26	GOM_NL__2PRFIN20101214_013442_000000453097_00247_45951_4363.N1	14-DEC-2010 01:34:42	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	45951	No
27	GOM_NL__2PRFIN20101214_013645_000000443097_00247_45951_4364.N1	14-DEC-2010 01:36:45	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	45951	No
28	GOM_NL__2PRFIN20101214_014026_000000473097_00247_45951_4365.N1	14-DEC-2010 01:40:26	Bright	46.500	107	37The Aur	2.6490	11000.	93	45951	No
29	GOM_NL__2PRFIN20101214_014235_000000443097_00247_45951_4366.N1	14-DEC-2010 01:42:35	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45951	No
30	GOM_NL__2PRFIN20101214_015803_000000483097_00247_45951_4367.N1	14-DEC-2010 01:58:03	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45951	No
31	GOM_NL__2PRFIN20101214_020208_000000613097_00247_45951_4368.N1	14-DEC-2010 02:02:08	Bright	61.000	32	77Eps UMa	1.7630	11000.	122	45951	No
32	GOM_NL__2PRFIN20101214_020438_000000573097_00247_45951_4369.N1	14-DEC-2010 02:04:38	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	45951	No
33	GOM_NL__2PRFIN20101214_020754_000000363097_00247_45951_4370.N1	14-DEC-2010 02:07:54	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45951	No
34	GOM_NL__2PRFIN20101214_021104_000000363097_00247_45951_4371.N1	14-DEC-2010 02:11:04	Bright	35.500	83		2.3780	11000.	71	45951	No
35	GOM_NL__2PRFIN20101214_021419_000000393097_00247_45951_4372.N1	14-DEC-2010 02:14:19	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45951	No
36	GOM_NL__2PRFIN20101214_021806_000000723097_00247_45951_4373.N1	14-DEC-2010 02:18:06	Bright	71.500	138	47Eps Vir	2.8280	4700.0	143	45951	No
37	GOM_NL__2PRFIN20101214_022402_000000523097_00247_45951_4374.N1	14-DEC-2010 02:24:02	Twilight	52.000	15	67Alp Vir	0.97600	28000.	104	45951	No
38	GOM_NL__2PRFIN20101214_022731_000000483097_00247_45951_4375.N1	14-DEC-2010 02:27:31	Twilight	48.000	169	46Gam Hya	2.9910	4700.0	96	45951	No
39	GOM_NL__2PRFIN20101214_023119_000000543097_00247_45951_4376.N1	14-DEC-2010 02:31:19	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	45951	No
40	GOM_NL__2PRFIN20101214_023628_000000413097_00248_45952_4364.N1	14-DEC-2010 02:36:28	Dark	41.000	99	Del Cen	2.5750	26000.	82	45952	No
41	GOM_NL__2PRFIN20101214_024012_000000453097_00248_45952_4365.N1	14-DEC-2010 02:40:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45952	No
42	GOM_NL__2PRFIN20101214_024407_000000433097_00248_45952_4366.N1	14-DEC-2010 02:44:07	Dark	42.500	71	Iot Car	2.2460	7700.0	85	45952	No

43	GOM_NL__2PRFIN20101214_024842_000000483097_00248_45952_4367.N1	14-DEC-2010 02:48:42	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45952	No
44	GOM_NL__2PRFIN20101214_025059_000000563097_00248_45952_4368.N1	14-DEC-2010 02:50:59	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45952	No
45	GOM_NL__2PRFIN20101214_025336_000000543097_00248_45952_4369.N1	14-DEC-2010 02:53:36	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	45952	No
46	GOM_NL__2PRFIN20101214_025654_000000543097_00248_45952_4370.N1	14-DEC-2010 02:56:54	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	45952	No
47	GOM_NL__2PRFIN20101214_030135_000000553097_00248_45952_4371.N1	14-DEC-2010 03:01:35	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45952	No
48	GOM_NL__2PRFIN20101214_030511_000000493097_00248_45952_4372.N1	14-DEC-2010 03:05:11	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	45952	No
49	GOM_NL__2PRFIN20101214_030729_000000503097_00248_45952_4373.N1	14-DEC-2010 03:07:29	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45952	No
50	GOM_NL__2PRFIN20101214_031044_000000643097_00248_45952_4374.N1	14-DEC-2010 03:10:44	Tw_i_and_stray	64.000	14	58Alp Ori	0.87000	3000.0	128	45952	No
51	GOM_NL__2PRFIN20101214_031233_000000493097_00248_45952_4375.N1	14-DEC-2010 03:12:33	Tw_i_and_stray	48.500	13	87Alp Tau	0.86700	3800.0	97	45952	No
52	GOM_NL__2PRFIN20101214_031456_000000473097_00248_45952_4376.N1	14-DEC-2010 03:14:56	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	45952	No
53	GOM_NL__2PRFIN20101214_031658_000000453097_00248_45952_4377.N1	14-DEC-2010 03:16:58	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	45952	No
54	GOM_NL__2PRFIN20101214_032040_000000463097_00248_45952_4378.N1	14-DEC-2010 03:20:40	Bright	45.500	107	37The Aur	2.6490	11000.	91	45952	No
55	GOM_NL__2PRFIN20101214_032248_000000433097_00248_45952_4379.N1	14-DEC-2010 03:22:48	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	45952	No
56	GOM_NL__2PRFIN20101214_033817_000000483097_00248_45952_4380.N1	14-DEC-2010 03:38:17	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45952	No
57	GOM_NL__2PRFIN20101214_034222_000000403097_00248_45952_4381.N1	14-DEC-2010 03:42:22	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	45952	No
58	GOM_NL__2PRFIN20101214_034452_000000413097_00248_45952_4382.N1	14-DEC-2010 03:44:52	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45952	No
59	GOM_NL__2PRFIN20101214_034808_000000373097_00248_45952_4383.N1	14-DEC-2010 03:48:08	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	45952	No
60	GOM_NL__2PRFIN20101214_035118_000000363097_00248_45952_4384.N1	14-DEC-2010 03:51:18	Bright	36.000	83		2.3780	11000.	72	45952	No
61	GOM_NL__2PRFIN20101214_035433_000000593097_00248_45952_4385.N1	14-DEC-2010 03:54:33	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	45952	No
62	GOM_NL__2PRFIN20101214_035820_000000523097_00248_45952_4386.N1	14-DEC-2010 03:58:20	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	45952	No
63	GOM_NL__2PRFIN20101214_040417_000000523097_00248_45952_4387.N1	14-DEC-2010 04:04:17	Tw_i_and_stray	52.000	15	67Alp Vir	0.97600	28000.	104	45952	No
64	GOM_NL__2PRFIN20101214_040746_000000453097_00248_45952_4388.N1	14-DEC-2010 04:07:46	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	45952	No
65	GOM_NL__2PRFIN20101214_040959_000000543097_00248_45952_4389.N1	14-DEC-2010 04:09:59	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	45952	No
66	GOM_NL__2PRFIN20101214_041134_000000563097_00248_45952_4390.N1	14-DEC-2010 04:11:34	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	45952	No
67	GOM_NL__2PRFIN20101214_041507_000000423097_00248_45952_4391.N1	14-DEC-2010 04:15:07	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45952	No
68	GOM_NL__2PRFIN20101214_041643_000000423097_00249_45953_4374.N1	14-DEC-2010 04:16:43	Dark	42.000	99	Del Cen	2.5750	26000.	84	45953	No
69	GOM_NL__2PRFIN20101214_042027_000000453097_00249_45953_4375.N1	14-DEC-2010 04:20:27	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45953	No
70	GOM_NL__2PRFIN20101214_042421_000000413097_00249_45953_4376.N1	14-DEC-2010 04:24:21	Dark	41.000	71	lot Car	2.2460	7700.0	82	45953	No
71	GOM_NL__2PRFIN20101214_042857_000000513097_00249_45953_4377.N1	14-DEC-2010 04:28:57	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	45953	No
72	GOM_NL__2PRFIN20101214_043113_000000563097_00249_45953_4378.N1	14-DEC-2010 04:31:13	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45953	No
73	GOM_NL__2PRFIN20101214_043351_000000593097_00249_45953_4379.N1	14-DEC-2010 04:33:51	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	45953	No
74	GOM_NL__2PRFIN20101214_043709_000000583097_00249_45953_4380.N1	14-DEC-2010 04:37:09	Straylight	58.000	23	21Eps CMa	1.5020	26000.	116	45953	No
75	GOM_NL__2PRFIN20101214_044149_000000553097_00249_45953_4381.N1	14-DEC-2010 04:41:49	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45953	No
76	GOM_NL__2PRFIN20101214_044525_000000473097_00249_45953_4382.N1	14-DEC-2010 04:45:25	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	45953	No
77	GOM_NL__2PRFIN20101214_044743_000000513097_00249_45953_4383.N1	14-DEC-2010 04:47:43	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	45953	No
78	GOM_NL__2PRFIN20101214_045058_000000643097_00249_45953_4384.N1	14-DEC-2010 04:50:58	Tw_i_and_stray	64.000	14	58Alp Ori	0.87000	3000.0	128	45953	No
79	GOM_NL__2PRFIN20101214_045247_000000553097_00249_45953_4385.N1	14-DEC-2010 04:52:47	Tw_i_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	45953	No
80	GOM_NL__2PRFIN20101214_045510_000000463097_00249_45953_4386.N1	14-DEC-2010 04:55:10	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45953	No
81	GOM_NL__2PRFIN20101214_045712_000000423097_00249_45953_4387.N1	14-DEC-2010 04:57:12	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	45953	No
82	GOM_NL__2PRFIN20101214_050053_000000463097_00249_45953_4388.N1	14-DEC-2010 05:00:53	Bright	46.000	107	37The Aur	2.6490	11000.	92	45953	No
83	GOM_NL__2PRFIN20101214_050302_000000443097_00249_45953_4389.N1	14-DEC-2010 05:03:02	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	45953	No
84	GOM_NL__2PRFIN20101214_051830_000000473097_00249_45953_4390.N1	14-DEC-2010 05:18:30	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45953	No
85	GOM_NL__2PRFIN20101214_052236_000000403097_00249_45953_4391.N1	14-DEC-2010 05:22:36	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	45953	No
86	GOM_NL__2PRFIN20101214_052506_000000403097_00249_45953_4392.N1	14-DEC-2010 05:25:06	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	45953	No
87	GOM_NL__2PRFIN20101214_052822_000000383097_00249_45953_4393.N1	14-DEC-2010 05:28:22	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	45953	No
88	GOM_NL__2PRFIN20101214_053133_000000363097_00249_45953_4394.N1	14-DEC-2010 05:31:33	Bright	36.000	83		2.3780	11000.	72	45953	No
89	GOM_NL__2PRFIN20101214_053447_000000423097_00249_45953_4395.N1	14-DEC-2010 05:34:47	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	45953	No
90	GOM_NL__2PRFIN20101214_053835_000000533097_00249_45953_4396.N1	14-DEC-2010 05:38:35	Bright	52.500	138	47Eps Vir	2.8280	4700.0	105	45953	No
91	GOM_NL__2PRFIN20101214_054431_000000493097_00249_45953_4397.N1	14-DEC-2010 05:44:31	Tw_i_and_stray	48.500	15	67Alp Vir	0.97600	28000.	97	45953	No
92	GOM_NL__2PRFIN20101214_054800_000000473097_00249_45953_4398.N1	14-DEC-2010 05:48:00	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	45953	No
93	GOM_NL__2PRFIN20101214_055014_000000563097_00249_45953_4399.N1	14-DEC-2010 05:50:14	Dark	55.500	100	4Gam Crv	2.5800	13100.	111	45953	No
94	GOM_NL__2PRFIN20101214_055149_000000603097_00249_45953_4400.N1	14-DEC-2010 05:51:49	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	45953	No
95	GOM_NL__2PRFIN20101214_055522_000000453097_00249_45953_4401.N1	14-DEC-2010 05:55:22	Dark	44.500	64	Gam Cen	2.2000	10600.	89	45953	No
96	GOM_NL__2PRFIN20101214_055658_000000423097_00250_45954_4384.N1	14-DEC-2010 05:56:58	Dark	42.000	99	Del Cen	2.5750	26000.	84	45954	No
97	GOM_NL__2PRFIN20101214_060042_000000463097_00250_45954_4385.N1	14-DEC-2010 06:00:42	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45954	No
98	GOM_NL__2PRFIN20101214_060436_000000433097_00250_45954_4386.N1	14-DEC-2010 06:04:36	Dark	43.000	71	lot Car	2.2460	7700.0	86	45954	No
99	GOM_NL__2PRFIN20101214_060912_000000463097_00250_45954_4387.N1	14-DEC-2010 06:09:12	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	45954	No
100	GOM_NL__2PRFIN20101214_061128_000000533097_00250_45954_4388.N1	14-DEC-2010 06:11:28	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	45954	No
101	GOM_NL__2PRFIN20101214_061405_000000553097_00250_45954_4389.N1	14-DEC-2010 06:14:05	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	45954	No

102	GOM_NL__2PRFIN20101214_061724_000000573097_00250_45954_4390.N1	14-DEC-2010 06:17:24	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45954	No
103	GOM_NL__2PRFIN20101214_062204_000000563097_00250_45954_4391.N1	14-DEC-2010 06:22:04	Straylight	55.500	47	2Bet CMa	1.9760	28000.	111	45954	No
104	GOM_NL__2PRFIN20101214_062539_000000563097_00250_45954_4392.N1	14-DEC-2010 06:25:39	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	45954	No
105	GOM_NL__2PRFIN20101214_062757_000000493097_00250_45954_4393.N1	14-DEC-2010 06:27:57	Straylight	49.000	30	46Eps Ori	1.6940	30000.	98	45954	No
106	GOM_NL__2PRFIN20101214_063112_000000693097_00250_45954_4394.N1	14-DEC-2010 06:31:12	Tw_i_and_stray	69.000	14	58Alp Ori	0.87000	3000.0	138	45954	No
107	GOM_NL__2PRFIN20101214_063301_000000553097_00250_45954_4395.N1	14-DEC-2010 06:33:01	Tw_i_and_stray	54.500	13	87Alp Tau	0.86700	3800.0	109	45954	No
108	GOM_NL__2PRFIN20101214_063523_000000463097_00250_45954_4396.N1	14-DEC-2010 06:35:23	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	45954	No
109	GOM_NL__2PRFIN20101214_063726_000000443097_00250_45954_4397.N1	14-DEC-2010 06:37:26	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	45954	No
110	GOM_NL__2PRFIN20101214_064107_000000453097_00250_45954_4398.N1	14-DEC-2010 06:41:07	Bright	44.500	107	37The Aur	2.6490	11000.	89	45954	No
111	GOM_NL__2PRFIN20101214_064315_000000443097_00250_45954_4399.N1	14-DEC-2010 06:43:15	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45954	No
112	GOM_NL__2PRFIN20101214_065844_000000433097_00250_45954_4400.N1	14-DEC-2010 06:58:44	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	45954	No
113	GOM_NL__2PRFIN20101214_070249_000000433097_00250_45954_4401.N1	14-DEC-2010 07:02:49	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45954	No
114	GOM_NL__2PRFIN20101214_070520_000000413097_00250_45954_4402.N1	14-DEC-2010 07:05:20	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45954	No
115	GOM_NL__2PRFIN20101214_070837_000000363097_00250_45954_4403.N1	14-DEC-2010 07:08:37	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	45954	No
116	GOM_NL__2PRFIN20101214_071147_000000363097_00250_45954_4404.N1	14-DEC-2010 07:11:47	Bright	35.500	83		2.3780	11000.	71	45954	No
117	GOM_NL__2PRFIN20101214_071502_000000403097_00250_45954_4405.N1	14-DEC-2010 07:15:02	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	45954	No
118	GOM_NL__2PRFIN20101214_071850_000000723097_00250_45954_4406.N1	14-DEC-2010 07:18:50	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45954	No
119	GOM_NL__2PRFIN20101214_072446_000000493097_00250_45954_4407.N1	14-DEC-2010 07:24:46	Tw_i_and_stray	49.000	15	67Alp Vir	0.97600	28000.	98	45954	No
120	GOM_NL__2PRFIN20101214_072815_000000463097_00250_45954_4408.N1	14-DEC-2010 07:28:15	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	45954	No
121	GOM_NL__2PRFIN20101214_073029_000000493097_00250_45954_4409.N1	14-DEC-2010 07:30:29	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	45954	No
122	GOM_NL__2PRFIN20101214_073205_000000613097_00250_45954_4410.N1	14-DEC-2010 07:32:05	Dark	60.500	171	2Eps Crv	3.0010	4250.0	121	45954	No
123	GOM_NL__2PRFIN20101214_073537_000000433097_00250_45954_4411.N1	14-DEC-2010 07:35:37	Dark	43.000	64	Gam Cen	2.2000	10600.	86	45954	No
124	GOM_NL__2PRFIN20101214_073713_000000423097_00251_45955_4428.N1	14-DEC-2010 07:37:13	Dark	41.500	99	Del Cen	2.5750	26000.	83	45955	No
125	GOM_NL__2PRFIN20101214_074057_000000483097_00251_45955_4429.N1	14-DEC-2010 07:40:57	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	45955	No
126	GOM_NL__2PRFIN20101214_074451_000000443097_00251_45955_4430.N1	14-DEC-2010 07:44:51	Dark	43.500	71	Iot Car	2.2460	7700.0	87	45955	No
127	GOM_NL__2PRFIN20101214_074927_000000483097_00251_45955_4431.N1	14-DEC-2010 07:49:27	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	45955	No
128	GOM_NL__2PRFIN20101214_075142_000000453097_00251_45955_4432.N1	14-DEC-2010 07:51:42	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	45955	No
129	GOM_NL__2PRFIN20101214_075420_000000553097_00251_45955_4433.N1	14-DEC-2010 07:54:20	Dark	54.500	117	Pi Pup	2.7060	3800.0	109	45955	No
130	GOM_NL__2PRFIN20101214_075738_000000573097_00251_45955_4434.N1	14-DEC-2010 07:57:38	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45955	No
131	GOM_NL__2PRFIN20101214_080218_000000553097_00251_45955_4435.N1	14-DEC-2010 08:02:18	Straylight	55.000	47	2Bet CMa	1.9760	28000.	110	45955	No
132	GOM_NL__2PRFIN20101214_080553_000000523097_00251_45955_4436.N1	14-DEC-2010 08:05:53	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	45955	No
133	GOM_NL__2PRFIN20101214_080811_000000503097_00251_45955_4437.N1	14-DEC-2010 08:08:11	Straylight	49.500	30	46Eps Ori	1.6940	30000.	99	45955	No
134	GOM_NL__2PRFIN20101214_081125_000000603097_00251_45955_4438.N1	14-DEC-2010 08:11:25	Tw_i_and_stray	59.500	14	58Alp Ori	0.87000	3000.0	119	45955	No
135	GOM_NL__2PRFIN20101214_081315_000000553097_00251_45955_4439.N1	14-DEC-2010 08:13:15	Tw_i_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	45955	No
136	GOM_NL__2PRFIN20101214_081537_000000463097_00251_45955_4440.N1	14-DEC-2010 08:15:37	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	45955	No
137	GOM_NL__2PRFIN20101214_081739_000000453097_00251_45955_4441.N1	14-DEC-2010 08:17:39	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	45955	No
138	GOM_NL__2PRFIN20101214_082120_000000453097_00251_45955_4442.N1	14-DEC-2010 08:21:20	Bright	45.000	107	37The Aur	2.6490	11000.	90	45955	No
139	GOM_NL__2PRFIN20101214_082329_000000443097_00251_45955_4443.N1	14-DEC-2010 08:23:29	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45955	No
140	GOM_NL__2PRFIN20101214_083858_000000483097_00251_45955_4444.N1	14-DEC-2010 08:38:58	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45955	No
141	GOM_NL__2PRFIN20101214_084303_000000443097_00251_45955_4445.N1	14-DEC-2010 08:43:03	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	45955	No
142	GOM_NL__2PRFIN20101214_084534_000000393097_00251_45955_4446.N1	14-DEC-2010 08:45:34	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	45955	No
143	GOM_NL__2PRFIN20101214_084851_000000353097_00251_45955_4447.N1	14-DEC-2010 08:48:51	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	45955	No
144	GOM_NL__2PRFIN20101214_085201_000000353097_00251_45955_4448.N1	14-DEC-2010 08:52:01	Bright	34.500	83		2.3780	11000.	69	45955	No
145	GOM_NL__2PRFIN20101214_085516_000000393097_00251_45955_4449.N1	14-DEC-2010 08:55:16	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45955	No
146	GOM_NL__2PRFIN20101214_085904_000000493097_00251_45955_4450.N1	14-DEC-2010 08:59:04	Bright	49.000	138	47Eps Vir	2.8280	4700.0	98	45955	No
147	GOM_NL__2PRFIN20101214_090501_000000493097_00251_45955_4451.N1	14-DEC-2010 09:05:01	Tw_i_and_stray	49.000	15	67Alp Vir	0.97600	28000.	98	45955	No
148	GOM_NL__2PRFIN20101214_090830_000000473097_00251_45955_4452.N1	14-DEC-2010 09:08:30	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	45955	No
149	GOM_NL__2PRFIN20101214_091045_000000493097_00251_45955_4453.N1	14-DEC-2010 09:10:45	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	45955	No
150	GOM_NL__2PRFIN20101214_091220_000000573097_00251_45955_4454.N1	14-DEC-2010 09:12:20	Dark	57.000	171	2Eps Crv	3.0010	4250.0	114	45955	No
151	GOM_NL__2PRFIN20101214_091551_000000423097_00251_45955_4455.N1	14-DEC-2010 09:15:51	Dark	42.000	64	Gam Cen	2.2000	10600.	84	45955	No
152	GOM_NL__2PRFIN20101214_091727_000000413097_00252_45956_4645.N1	14-DEC-2010 09:17:27	Dark	40.500	99	Del Cen	2.5750	26000.	81	45956	No
153	GOM_NL__2PRFIN20101214_092112_000000453097_00252_45956_4646.N1	14-DEC-2010 09:21:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45956	No
154	GOM_NL__2PRFIN20101214_092505_000000443097_00252_45956_4647.N1	14-DEC-2010 09:25:05	Dark	43.500	71	Iot Car	2.2460	7700.0	87	45956	No
155	GOM_NL__2PRFIN20101214_092941_000000473097_00252_45956_4648.N1	14-DEC-2010 09:29:41	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	45956	No
156	GOM_NL__2PRFIN20101214_093157_000000453097_00252_45956_4649.N1	14-DEC-2010 09:31:57	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	45956	No
157	GOM_NL__2PRFIN20101214_093435_000000543097_00252_45956_4650.N1	14-DEC-2010 09:34:35	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	45956	No
158	GOM_NL__2PRFIN20101214_093752_000000593097_00252_45956_4651.N1	14-DEC-2010 09:37:52	Straylight	58.500	23	21Eps CMa	1.5020	26000.	117	45956	No
159	GOM_NL__2PRFIN20101214_094232_000000543097_00252_45956_4652.N1	14-DEC-2010 09:42:32	Straylight	53.500	47	2Bet CMa	1.9760	28000.	107	45956	No
160	GOM_NL__2PRFIN20101214_094607_000000563097_00252_45956_4653.N1	14-DEC-2010 09:46:07	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	45956	No



161	GOM_NL__2PRFIN20101214_094825_000000503097_00252_45956_4654.N1	14-DEC-2010 09:48:25	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45956	No
162	GOM_NL__2PRFIN20101214_095139_000000613097_00252_45956_4655.N1	14-DEC-2010 09:51:39	Tw_i_and_stray	60.500	14	58Alp Ori	0.87000	3000.0	121	45956	No
163	GOM_NL__2PRFIN20101214_095329_000000483097_00252_45956_4656.N1	14-DEC-2010 09:53:29	Tw_i_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	45956	No
164	GOM_NL__2PRFIN20101214_095550_000000453097_00252_45956_4657.N1	14-DEC-2010 09:55:50	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	45956	No
165	GOM_NL__2PRFIN20101214_095753_000000453097_00252_45956_4658.N1	14-DEC-2010 09:57:53	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	45956	No
166	GOM_NL__2PRFIN20101214_100133_000000463097_00252_45956_4659.N1	14-DEC-2010 10:01:33	Bright	45.500	107	37The Aur	2.6490	11000.	91	45956	No
167	GOM_NL__2PRFIN20101214_100342_000000463097_00252_45956_4660.N1	14-DEC-2010 10:03:42	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	45956	No
168	GOM_NL__2PRFIN20101214_101911_000000483097_00252_45956_4661.N1	14-DEC-2010 10:19:11	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45956	No
169	GOM_NL__2PRFIN20101214_102317_000000413097_00252_45956_4662.N1	14-DEC-2010 10:23:17	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	45956	No
170	GOM_NL__2PRFIN20101214_102548_000000403097_00252_45956_4663.N1	14-DEC-2010 10:25:48	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	45956	No
171	GOM_NL__2PRFIN20101214_102905_000000373097_00252_45956_4664.N1	14-DEC-2010 10:29:05	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	45956	No
172	GOM_NL__2PRFIN20101214_103215_000000363097_00252_45956_4665.N1	14-DEC-2010 10:32:15	Bright	35.500	83		2.3780	11000.	71	45956	No
173	GOM_NL__2PRFIN20101214_103531_000000423097_00252_45956_4666.N1	14-DEC-2010 10:35:31	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	45956	No
174	GOM_NL__2PRFIN20101214_103919_000000723097_00252_45956_4667.N1	14-DEC-2010 10:39:19	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45956	No
175	GOM_NL__2PRFIN20101214_104516_000000503097_00252_45956_4668.N1	14-DEC-2010 10:45:16	Tw_i_and_stray	49.500	15	67Alp Vir	0.97600	28000.	99	45956	No
176	GOM_NL__2PRFIN20101214_104844_000000423097_00252_45956_4669.N1	14-DEC-2010 10:48:44	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	45956	No
177	GOM_NL__2PRFIN20101214_105100_000000433097_00252_45956_4670.N1	14-DEC-2010 10:51:00	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	45956	No
178	GOM_NL__2PRFIN20101214_105235_000000553097_00252_45956_4671.N1	14-DEC-2010 10:52:35	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	45956	No
179	GOM_NL__2PRFIN20101214_105606_000000413097_00252_45956_4672.N1	14-DEC-2010 10:56:06	Dark	40.500	64	Gam Cen	2.2000	10600.	81	45956	No
180	GOM_NL__2PRFIN20101214_105742_000000423097_00253_45957_4645.N1	14-DEC-2010 10:57:42	Dark	42.000	99	Del Cen	2.5750	26000.	84	45957	No
181	GOM_NL__2PRFIN20101214_110127_000000463097_00253_45957_4646.N1	14-DEC-2010 11:01:27	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	45957	No
182	GOM_NL__2PRFIN20101214_110520_000000423097_00253_45957_4647.N1	14-DEC-2010 11:05:20	Dark	41.500	71	lot Car	2.2460	7700.0	83	45957	No
183	GOM_NL__2PRFIN20101214_110956_000000533097_00253_45957_4648.N1	14-DEC-2010 11:09:56	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	45957	No
184	GOM_NL__2PRFIN20101214_111211_000000563097_00253_45957_4649.N1	14-DEC-2010 11:12:11	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45957	No
185	GOM_NL__2PRFIN20101214_111449_000000563097_00253_45957_4650.N1	14-DEC-2010 11:14:49	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	45957	No
186	GOM_NL__2PRFIN20101214_111807_000000563097_00253_45957_4651.N1	14-DEC-2010 11:18:07	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	45957	No
187	GOM_NL__2PRFIN20101214_112246_000000533097_00253_45957_4652.N1	14-DEC-2010 11:22:46	Straylight	53.000	47	2Bet CMa	1.9760	28000.	106	45957	No
188	GOM_NL__2PRFIN20101214_112621_000000483097_00253_45957_4653.N1	14-DEC-2010 11:26:21	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	45957	No
189	GOM_NL__2PRFIN20101214_112839_000000523097_00253_45957_4654.N1	14-DEC-2010 11:28:39	Straylight	51.500	30	46Eps Ori	1.6940	30000.	103	45957	No
190	GOM_NL__2PRFIN20101214_113152_000000693097_00253_45957_4655.N1	14-DEC-2010 11:31:52	Tw_i_and_stray	69.000	14	58Alp Ori	0.87000	3000.0	138	45957	No
191	GOM_NL__2PRFIN20101214_113343_000000483097_00253_45957_4656.N1	14-DEC-2010 11:33:43	Tw_i_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	45957	No
192	GOM_NL__2PRFIN20101214_113604_000000453097_00253_45957_4657.N1	14-DEC-2010 11:36:04	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	45957	No
193	GOM_NL__2PRFIN20101214_113806_000000443097_00253_45957_4658.N1	14-DEC-2010 11:38:06	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	45957	No
194	GOM_NL__2PRFIN20101214_114147_000000443097_00253_45957_4659.N1	14-DEC-2010 11:41:47	Bright	43.500	107	37The Aur	2.6490	11000.	87	45957	No
195	GOM_NL__2PRFIN20101214_114355_000000453097_00253_45957_4660.N1	14-DEC-2010 11:43:55	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	45957	No
196	GOM_NL__2PRFIN20101214_115925_000000433097_00253_45957_4661.N1	14-DEC-2010 11:59:25	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	45957	No
197	GOM_NL__2PRFIN20101214_120331_000000433097_00253_45957_4662.N1	14-DEC-2010 12:03:31	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45957	No
198	GOM_NL__2PRFIN20101214_120602_000000583097_00253_45957_4663.N1	14-DEC-2010 12:06:02	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45957	No
199	GOM_NL__2PRFIN20101214_120919_000000373097_00253_45957_4664.N1	14-DEC-2010 12:09:19	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	45957	No
200	GOM_NL__2PRFIN20101214_121229_000000483097_00253_45957_4665.N1	14-DEC-2010 12:12:29	Bright	47.500	83		2.3780	11000.	95	45957	No
201	GOM_NL__2PRFIN20101214_121545_000000483097_00253_45957_4666.N1	14-DEC-2010 12:15:45	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	45957	No
202	GOM_NL__2PRFIN20101214_121934_000000723097_00253_45957_4667.N1	14-DEC-2010 12:19:34	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45957	No
203	GOM_NL__2PRFIN20101214_122530_000000593097_00253_45957_4668.N1	14-DEC-2010 12:25:30	Tw_i_and_stray	58.500	15	67Alp Vir	0.97600	28000.	117	45957	No
204	GOM_NL__2PRFIN20101214_122859_000000493097_00253_45957_4669.N1	14-DEC-2010 12:28:59	Twilight	48.500	169	46Gam Hya	2.9910	4700.0	97	45957	No
205	GOM_NL__2PRFIN20101214_123115_000000433097_00253_45957_4670.N1	14-DEC-2010 12:31:15	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	45957	No
206	GOM_NL__2PRFIN20101214_123250_000000583097_00253_45957_4671.N1	14-DEC-2010 12:32:50	Dark	57.500	171	2Eps Crv	3.0010	4250.0	115	45957	No
207	GOM_NL__2PRFIN20101214_123621_000000413097_00253_45957_4672.N1	14-DEC-2010 12:36:21	Dark	40.500	64	Gam Cen	2.2000	10600.	81	45957	No
208	GOM_NL__2PRFIN20101214_123756_000000413097_00254_45958_4645.N1	14-DEC-2010 12:37:56	Dark	40.500	99	Del Cen	2.5750	26000.	81	45958	No
209	GOM_NL__2PRFIN20101214_124142_000000463097_00254_45958_4646.N1	14-DEC-2010 12:41:42	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	45958	No
210	GOM_NL__2PRFIN20101214_124534_000000433097_00254_45958_4647.N1	14-DEC-2010 12:45:34	Dark	42.500	71	lot Car	2.2460	7700.0	85	45958	No
211	GOM_NL__2PRFIN20101214_125011_000000483097_00254_45958_4648.N1	14-DEC-2010 12:50:11	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	45958	No
212	GOM_NL__2PRFIN20101214_125226_000000503097_00254_45958_4649.N1	14-DEC-2010 12:52:26	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	45958	No
213	GOM_NL__2PRFIN20101214_125504_000000583097_00254_45958_4650.N1	14-DEC-2010 12:55:04	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	45958	No
214	GOM_NL__2PRFIN20101214_125821_000000563097_00254_45958_4651.N1	14-DEC-2010 12:58:21	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	45958	No
215	GOM_NL__2PRFIN20101214_130300_000000543097_00254_45958_4652.N1	14-DEC-2010 13:03:00	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	45958	No
216	GOM_NL__2PRFIN20101214_130635_000000543097_00254_45958_4653.N1	14-DEC-2010 13:06:35	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	45958	No
217	GOM_NL__2PRFIN20101214_130853_000000513097_00254_45958_4654.N1	14-DEC-2010 13:08:53	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	45958	No
218	GOM_NL__2PRFIN20101214_131206_000000643097_00254_45958_4655.N1	14-DEC-2010 13:12:06	Tw_i_and_stray	63.500	14	58Alp Ori	0.87000	3000.0	127	45958	No
219	GOM_NL__2PRFIN20101214_131357_000000553097_00254_45958_4656.N1	14-DEC-2010 13:13:57	Tw_i_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	45958	No

220	GOM_NL__2PRFIN20101214_131617_000000463097_00254_45958_4657.N1	14-DEC-2010 13:16:17	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45958	No
221	GOM_NL__2PRFIN20101214_131820_000000433097_00254_45958_4658.N1	14-DEC-2010 13:18:20	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	45958	No
222	GOM_NL__2PRFIN20101214_132200_000000453097_00254_45958_4659.N1	14-DEC-2010 13:22:00	Bright	45.000	107	37The Aur	2.6490	11000.	90	45958	No
223	GOM_NL__2PRFIN20101214_132409_000000443097_00254_45958_4660.N1	14-DEC-2010 13:24:09	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45958	No
224	GOM_NL__2PRFIN20101214_133938_000000473097_00254_45958_4661.N1	14-DEC-2010 13:39:38	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	45958	No
225	GOM_NL__2PRFIN20101214_134344_000000433097_00254_45958_4662.N1	14-DEC-2010 13:43:44	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45958	No
226	GOM_NL__2PRFIN20101214_134616_000000413097_00254_45958_4663.N1	14-DEC-2010 13:46:16	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45958	No
227	GOM_NL__2PRFIN20101214_134933_000000373097_00254_45958_4664.N1	14-DEC-2010 13:49:33	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	45958	No
228	GOM_NL__2PRFIN20101214_135243_000000363097_00254_45958_4665.N1	14-DEC-2010 13:52:43	Bright	35.500	83		2.3780	11000.	71	45958	No
229	GOM_NL__2PRFIN20101214_135559_000000413097_00254_45958_4666.N1	14-DEC-2010 13:55:59	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	45958	No
230	GOM_NL__2PRFIN20101214_135948_000000723097_00254_45958_4667.N1	14-DEC-2010 13:59:48	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45958	No
231	GOM_NL__2PRFIN20101214_140545_000000523097_00254_45958_4668.N1	14-DEC-2010 14:05:45	Twilight	51.500	15	67Alp Vir	0.97600	28000.	103	45958	No
232	GOM_NL__2PRFIN20101214_140914_000000493097_00254_45958_4669.N1	14-DEC-2010 14:09:14	Twilight	49.000	169	46Gam Hya	2.9910	4700.0	98	45958	No
233	GOM_NL__2PRFIN20101214_141130_000000363097_00254_45958_4670.N1	14-DEC-2010 14:11:30	Dark	36.000	100	4Gam Crv	2.5800	13100.	72	45958	No
234	GOM_NL__2PRFIN20101214_141306_000000603097_00254_45958_4671.N1	14-DEC-2010 14:13:06	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	45958	No
235	GOM_NL__2PRFIN20101214_141635_000000423097_00254_45958_4672.N1	14-DEC-2010 14:16:35	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45958	No
236	GOM_NL__2PRFIN20101214_141811_000000413097_00255_45959_4645.N1	14-DEC-2010 14:18:11	Dark	40.500	99	Del Cen	2.5750	26000.	81	45959	No
237	GOM_NL__2PRFIN20101214_142157_000000473097_00255_45959_4646.N1	14-DEC-2010 14:21:57	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	45959	No
238	GOM_NL__2PRFIN20101214_142549_000000433097_00255_45959_4647.N1	14-DEC-2010 14:25:49	Dark	43.000	71	Iot Car	2.2460	7700.0	86	45959	No
239	GOM_NL__2PRFIN20101214_143025_000000473097_00255_45959_4648.N1	14-DEC-2010 14:30:25	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	45959	No
240	GOM_NL__2PRFIN20101214_143240_000000533097_00255_45959_4649.N1	14-DEC-2010 14:32:40	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	45959	No
241	GOM_NL__2PRFIN20101214_143518_000000573097_00255_45959_4650.N1	14-DEC-2010 14:35:18	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	45959	No
242	GOM_NL__2PRFIN20101214_143836_000000543097_00255_45959_4651.N1	14-DEC-2010 14:38:36	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	45959	No
243	GOM_NL__2PRFIN20101214_144314_000000533097_00255_45959_4652.N1	14-DEC-2010 14:43:14	Straylight	53.000	47	2Bet CMa	1.9760	28000.	106	45959	No
244	GOM_NL__2PRFIN20101214_144649_000000553097_00255_45959_4653.N1	14-DEC-2010 14:46:49	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	45959	No
245	GOM_NL__2PRFIN20101214_144907_000000513097_00255_45959_4654.N1	14-DEC-2010 14:49:07	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	45959	No
246	GOM_NL__2PRFIN20101214_145220_000000693097_00255_45959_4655.N1	14-DEC-2010 14:52:20	Twilight	69.000	14	58Alp Ori	0.87000	3000.0	138	45959	No
247	GOM_NL__2PRFIN20101214_145411_000000513097_00255_45959_4656.N1	14-DEC-2010 14:54:11	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	45959	No
248	GOM_NL__2PRFIN20101214_145631_000000453097_00255_45959_4657.N1	14-DEC-2010 14:56:31	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	45959	No
249	GOM_NL__2PRFIN20101214_145833_000000453097_00255_45959_4658.N1	14-DEC-2010 14:58:33	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	45959	No
250	GOM_NL__2PRFIN20101214_150213_000000443097_00255_45959_4659.N1	14-DEC-2010 15:02:13	Bright	43.500	107	37The Aur	2.6490	11000.	87	45959	No
251	GOM_NL__2PRFIN20101214_150422_000000463097_00255_45959_4660.N1	14-DEC-2010 15:04:22	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	45959	No
252	GOM_NL__2PRFIN20101214_151952_000000493097_00255_45959_4661.N1	14-DEC-2010 15:19:52	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	45959	No
253	GOM_NL__2PRFIN20101214_152358_000000433097_00255_45959_4662.N1	14-DEC-2010 15:23:58	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45959	No
254	GOM_NL__2PRFIN20101214_152630_000000413097_00255_45959_4663.N1	14-DEC-2010 15:26:30	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45959	No
255	GOM_NL__2PRFIN20101214_152947_000000363097_00255_45959_4664.N1	14-DEC-2010 15:29:47	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	45959	No
256	GOM_NL__2PRFIN20101214_153258_000000373097_00255_45959_4665.N1	14-DEC-2010 15:32:58	Bright	37.000	83		2.3780	11000.	74	45959	No
257	GOM_NL__2PRFIN20101214_153614_000000393097_00255_45959_4666.N1	14-DEC-2010 15:36:14	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	45959	No
258	GOM_NL__2PRFIN20101214_154003_000000723097_00255_45959_4667.N1	14-DEC-2010 15:40:03	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	45959	No
259	GOM_NL__2PRFIN20101214_154600_000000543097_00255_45959_4668.N1	14-DEC-2010 15:46:00	Twilight	53.500	15	67Alp Vir	0.97600	28000.	107	45959	No
260	GOM_NL__2PRFIN20101214_154929_000000503097_00255_45959_4669.N1	14-DEC-2010 15:49:29	Twilight	49.500	169	46Gam Hya	2.9910	4700.0	99	45959	No
261	GOM_NL__2PRFIN20101214_155146_000000363097_00255_45959_4670.N1	14-DEC-2010 15:51:46	Dark	36.000	100	4Gam Crv	2.5800	13100.	72	45959	No
262	GOM_NL__2PRFIN20101214_155321_000000573097_00255_45959_4671.N1	14-DEC-2010 15:53:21	Dark	57.000	171	2Eps Crv	3.0010	4250.0	114	45959	No
263	GOM_NL__2PRFIN20101214_155650_000000413097_00255_45959_4672.N1	14-DEC-2010 15:56:50	Dark	41.000	64	Gam Cen	2.2000	10600.	82	45959	No
264	GOM_NL__2PRFIN20101214_155826_000000423097_00256_45960_4645.N1	14-DEC-2010 15:58:26	Dark	41.500	99	Del Cen	2.5750	26000.	83	45960	No
265	GOM_NL__2PRFIN20101214_160212_000000453097_00256_45960_4646.N1	14-DEC-2010 16:02:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45960	No
266	GOM_NL__2PRFIN20101214_160604_000000423097_00256_45960_4647.N1	14-DEC-2010 16:06:04	Dark	42.000	71	Iot Car	2.2460	7700.0	84	45960	No
267	GOM_NL__2PRFIN20101214_161040_000000503097_00256_45960_4648.N1	14-DEC-2010 16:10:40	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	45960	No
268	GOM_NL__2PRFIN20101214_161255_000000503097_00256_45960_4649.N1	14-DEC-2010 16:12:55	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	45960	No
269	GOM_NL__2PRFIN20101214_161533_000000563097_00256_45960_4650.N1	14-DEC-2010 16:15:33	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	45960	No
270	GOM_NL__2PRFIN20101214_161850_000000483097_00256_45960_4651.N1	14-DEC-2010 16:18:50	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	45960	No
271	GOM_NL__2PRFIN20101214_193110_000000463097_00258_45962_4660.N1	14-DEC-2010 19:31:10	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	45962	Yes
272	GOM_NL__2PRFIN20101214_193323_000000533097_00258_45962_4661.N1	14-DEC-2010 19:33:23	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	45962	No
273	GOM_NL__2PRFIN20101214_193602_000000493097_00258_45962_4662.N1	14-DEC-2010 19:36:02	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	45962	No
274	GOM_NL__2PRFIN20101214_193919_000000573097_00258_45962_4663.N1	14-DEC-2010 19:39:19	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45962	No
275	GOM_NL__2PRFIN20101214_194357_000000553097_00258_45962_4664.N1	14-DEC-2010 19:43:57	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45962	No
276	GOM_NL__2PRFIN20101214_194732_000000553097_00258_45962_4665.N1	14-DEC-2010 19:47:32	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	45962	No
277	GOM_NL__2PRFIN20101214_194949_000000483097_00258_45962_4666.N1	14-DEC-2010 19:49:49	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45962	No
278	GOM_NL__2PRFIN20101214_195301_000000693097_00258_45962_4667.N1	14-DEC-2010 19:53:01	Twilight	69.000	14	58Alp Ori	0.87000	3000.0	138	45962	No

279	GOM_NL__2PRFIN20101214_195453_000000513097_00258_45962_4668.N1	14-DEC-2010 19:54:53	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	45962	No
280	GOM_NL__2PRFIN20101214_195712_000000443097_00258_45962_4669.N1	14-DEC-2010 19:57:12	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	45962	No
281	GOM_NL__2PRFIN20101214_195914_000000453097_00258_45962_4670.N1	14-DEC-2010 19:59:14	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	45962	No
282	GOM_NL__2PRFIN20101214_200254_000000443097_00258_45962_4671.N1	14-DEC-2010 20:02:54	Bright	44.000	107	37The Aur	2.6490	11000.	88	45962	No
283	GOM_NL__2PRFIN20101214_200503_000000453097_00258_45962_4672.N1	14-DEC-2010 20:05:03	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	45962	No
284	GOM_NL__2PRFIN20101214_202032_000000433097_00258_45962_4673.N1	14-DEC-2010 20:20:32	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	45962	No
285	GOM_NL__2PRFIN20101214_202440_000000443097_00258_45962_4674.N1	14-DEC-2010 20:24:40	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	45962	No
286	GOM_NL__2PRFIN20101214_202712_000000413097_00258_45962_4675.N1	14-DEC-2010 20:27:12	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45962	No
287	GOM_NL__2PRFIN20101214_203030_000000363097_00258_45962_4676.N1	14-DEC-2010 20:30:30	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45962	No
288	GOM_NL__2PRFIN20101214_203340_000000373097_00258_45962_4677.N1	14-DEC-2010 20:33:40	Bright	37.000	83		2.3780	11000.	74	45962	No
289	GOM_NL__2PRFIN20101214_203657_000000523097_00258_45962_4678.N1	14-DEC-2010 20:36:57	Bright	51.500	111	8Eta Boo	2.6800	6000.0	103	45962	No
290	GOM_NL__2PRFIN20101214_204047_000000733097_00258_45962_4679.N1	14-DEC-2010 20:40:47	Bright	73.000	138	47Eps Vir	2.8280	4700.0	146	45962	No
291	GOM_NL__2PRFIN20101214_204644_000000523097_00258_45962_4680.N1	14-DEC-2010 20:46:44	Twilight	51.500	15	67Alp Vir	0.97600	28000.	103	45962	No
292	GOM_NL__2PRFIN20101214_205013_000000463097_00258_45962_4681.N1	14-DEC-2010 20:50:13	Dark	46.000	169	46Gam Hya	2.9910	4700.0	92	45962	No
293	GOM_NL__2PRFIN20101214_205236_000000563097_00258_45962_4682.N1	14-DEC-2010 20:52:36	Dark	55.500	106	9Bet Crv	2.6480	5600.0	111	45962	No
294	GOM_NL__2PRFIN20101214_205407_000000553097_00258_45962_4683.N1	14-DEC-2010 20:54:07	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	45962	No
295	GOM_NL__2PRFIN20101214_205734_000000433097_00258_45962_4684.N1	14-DEC-2010 20:57:34	Dark	43.000	64	Gam Cen	2.2000	10600.	86	45962	No
296	GOM_NL__2PRFIN20101214_205910_000000433097_00259_45963_4712.N1	14-DEC-2010 20:59:10	Dark	42.500	99	Del Cen	2.5750	26000.	85	45963	No
297	GOM_NL__2PRFIN20101214_210256_000000473097_00259_45963_4713.N1	14-DEC-2010 21:02:56	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	45963	No
298	GOM_NL__2PRFIN20101214_210648_000000423097_00259_45963_4714.N1	14-DEC-2010 21:06:48	Dark	41.500	71	1ot Car	2.2460	7700.0	83	45963	No
299	GOM_NL__2PRFIN20101214_211124_000000503097_00259_45963_4715.N1	14-DEC-2010 21:11:24	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	45963	No
300	GOM_NL__2PRFIN20101214_211338_000000543097_00259_45963_4716.N1	14-DEC-2010 21:13:38	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	45963	No
301	GOM_NL__2PRFIN20101214_211617_000000533097_00259_45963_4717.N1	14-DEC-2010 21:16:17	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	45963	No
302	GOM_NL__2PRFIN20101214_211934_000000573097_00259_45963_4718.N1	14-DEC-2010 21:19:34	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45963	No
303	GOM_NL__2PRFIN20101214_212411_000000543097_00259_45963_4719.N1	14-DEC-2010 21:24:11	Straylight	53.500	47	2Bet CMa	1.9760	28000.	107	45963	No
304	GOM_NL__2PRFIN20101214_212746_000000483097_00259_45963_4720.N1	14-DEC-2010 21:27:46	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	45963	No
305	GOM_NL__2PRFIN20101214_213002_000000483097_00259_45963_4721.N1	14-DEC-2010 21:30:02	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45963	No
306	GOM_NL__2PRFIN20101214_213315_000000683097_00259_45963_4722.N1	14-DEC-2010 21:33:15	Twilight	68.000	14	58Alp Ori	0.87000	3000.0	136	45963	No
307	GOM_NL__2PRFIN20101214_213507_000000553097_00259_45963_4723.N1	14-DEC-2010 21:35:07	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	45963	No
308	GOM_NL__2PRFIN20101214_213725_000000463097_00259_45963_4724.N1	14-DEC-2010 21:37:25	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45963	No
309	GOM_NL__2PRFIN20101214_213928_000000443097_00259_45963_4725.N1	14-DEC-2010 21:39:28	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	45963	No
310	GOM_NL__2PRFIN20101214_214307_000000453097_00259_45963_4726.N1	14-DEC-2010 21:43:07	Bright	44.500	107	37The Aur	2.6490	11000.	89	45963	No
311	GOM_NL__2PRFIN20101214_214516_000000453097_00259_45963_4727.N1	14-DEC-2010 21:45:16	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	45963	No
312	GOM_NL__2PRFIN20101214_220046_000000683097_00259_45963_4728.N1	14-DEC-2010 22:00:46	Bright	68.000	36	50Alp UMa	1.8000	6300.0	136	45963	No
313	GOM_NL__2PRFIN20101214_220454_000000433097_00259_45963_4729.N1	14-DEC-2010 22:04:54	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45963	No
314	GOM_NL__2PRFIN20101214_220726_000000583097_00259_45963_4730.N1	14-DEC-2010 22:07:26	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45963	No
315	GOM_NL__2PRFIN20101214_221044_000000363097_00259_45963_4731.N1	14-DEC-2010 22:10:44	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45963	No
316	GOM_NL__2PRFIN20101214_221355_000000373097_00259_45963_4732.N1	14-DEC-2010 22:13:55	Bright	37.000	83		2.3780	11000.	74	45963	No
317	GOM_NL__2PRFIN20101214_221711_000000403097_00259_45963_4733.N1	14-DEC-2010 22:17:11	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	45963	No
318	GOM_NL__2PRFIN20101214_222102_000000633097_00259_45963_4734.N1	14-DEC-2010 22:21:02	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	45963	No
319	GOM_NL__2PRFIN20101214_222659_000000533097_00259_45963_4735.N1	14-DEC-2010 22:26:59	Twilight	53.000	15	67Alp Vir	0.97600	28000.	106	45963	No
320	GOM_NL__2PRFIN20101214_223028_000000463097_00259_45963_4736.N1	14-DEC-2010 22:30:28	Dark	45.500	169	46Gam Hya	2.9910	4700.0	91	45963	No
321	GOM_NL__2PRFIN20101214_223251_000000553097_00259_45963_4737.N1	14-DEC-2010 22:32:51	Dark	54.500	106	9Bet Crv	2.6480	5600.0	109	45963	No
322	GOM_NL__2PRFIN20101214_223422_000000573097_00259_45963_4738.N1	14-DEC-2010 22:34:22	Dark	57.000	171	2Eps Crv	3.0010	4250.0	114	45963	No
323	GOM_NL__2PRFIN20101214_223748_000000413097_00259_45963_4739.N1	14-DEC-2010 22:37:48	Dark	41.000	64	Gam Cen	2.2000	10600.	82	45963	No
324	GOM_NL__2PRFIN20101214_223925_000000423097_00260_45964_4725.N1	14-DEC-2010 22:39:25	Dark	41.500	99	Del Cen	2.5750	26000.	83	45964	No
325	GOM_NL__2PRFIN20101214_224311_000000473097_00260_45964_4726.N1	14-DEC-2010 22:43:11	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	45964	No
326	GOM_NL__2PRFIN20101214_224702_000000423097_00260_45964_4727.N1	14-DEC-2010 22:47:02	Dark	42.000	71	1ot Car	2.2460	7700.0	84	45964	No
327	GOM_NL__2PRFIN20101214_225139_000000493097_00260_45964_4728.N1	14-DEC-2010 22:51:39	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	45964	No
328	GOM_NL__2PRFIN20101214_225352_000000563097_00260_45964_4729.N1	14-DEC-2010 22:53:52	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45964	No
329	GOM_NL__2PRFIN20101214_225632_000000643097_00260_45964_4730.N1	14-DEC-2010 22:56:32	Dark	64.000	117	Pi Pup	2.7060	3800.0	128	45964	No
330	GOM_NL__2PRFIN20101214_225948_000000573097_00260_45964_4731.N1	14-DEC-2010 22:59:48	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45964	No
331	GOM_NL__2PRFIN20101214_230425_000000533097_00260_45964_4732.N1	14-DEC-2010 23:04:25	Straylight	52.500	47	2Bet CMa	1.9760	28000.	105	45964	No
332	GOM_NL__2PRFIN20101214_230800_000000463097_00260_45964_4733.N1	14-DEC-2010 23:08:00	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	45964	No
333	GOM_NL__2PRFIN20101214_231016_000000483097_00260_45964_4734.N1	14-DEC-2010 23:10:16	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45964	No
334	GOM_NL__2PRFIN20101214_231328_000000593097_00260_45964_4735.N1	14-DEC-2010 23:13:28	Twilight	59.000	14	58Alp Ori	0.87000	3000.0	118	45964	No
335	GOM_NL__2PRFIN20101214_231520_000000533097_00260_45964_4736.N1	14-DEC-2010 23:15:20	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	45964	No
336	GOM_NL__2PRFIN20101214_231739_000000453097_00260_45964_4737.N1	14-DEC-2010 23:17:39	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	45964	No
337	GOM_NL__2PRFIN20101214_231941_000000433097_00260_45964_4738.N1	14-DEC-2010 23:19:41	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	45964	No

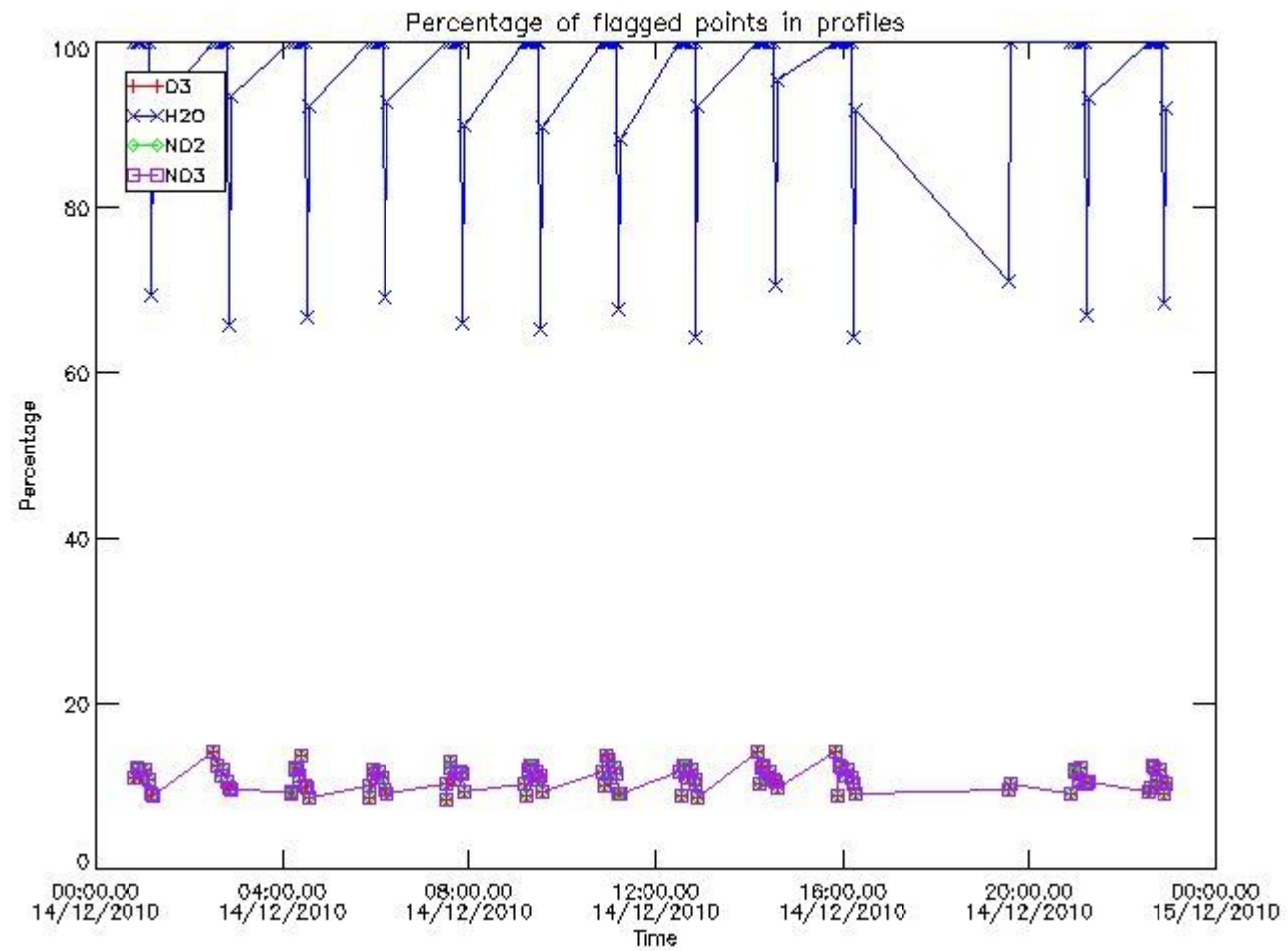


338	GOM_NL__2PRFIN20101214_232320_000000443097_00260_45964_4739.N1	14-DEC-2010 23:23:20	Bright	44.000	107	37The Aur	2.6490	11000.	88	45964	No
339	GOM_NL__2PRFIN20101214_232529_000000443097_00260_45964_4740.N1	14-DEC-2010 23:25:29	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	45964	No
340	GOM_NL__2PRFIN20101214_234029_000000343097_00260_45964_4741.N1	14-DEC-2010 23:40:29	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	45964	No
341	GOM_NL__2PRFIN20101214_234507_000000413097_00260_45964_4742.N1	14-DEC-2010 23:45:07	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45964	No
342	GOM_NL__2PRFIN20101214_234740_000000583097_00260_45964_4743.N1	14-DEC-2010 23:47:40	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45964	No
343	GOM_NL__2PRFIN20101214_235058_000000453097_00260_45964_4744.N1	14-DEC-2010 23:50:58	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	45964	No
344	GOM_NL__2PRFIN20101214_235409_000000543097_00260_45964_4745.N1	14-DEC-2010 23:54:09	Bright	54.000	83		2.3780	11000.	108	45964	No
345	GOM_NL__2PRFIN20101214_235725_000000403097_00260_45964_4746.N1	14-DEC-2010 23:57:25	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	45964	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.

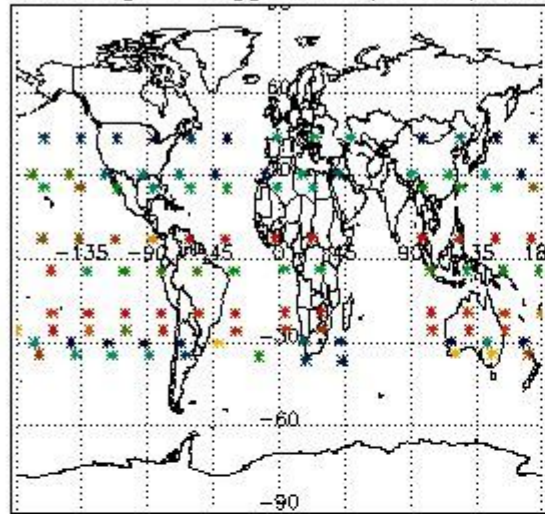
#### 3.1 Plot quality information per product (time dependant)



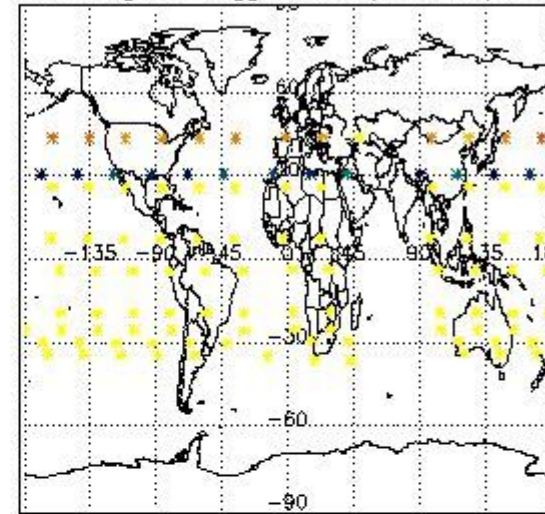
#### 3.2 Plot quality information per product (world map)



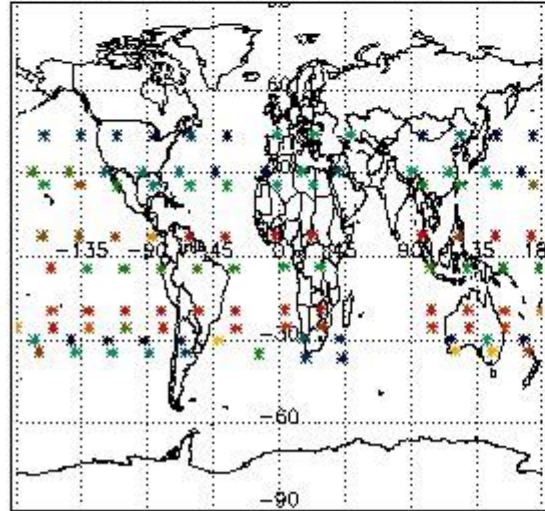
Percentage of flagged data per O3 profile



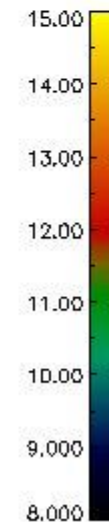
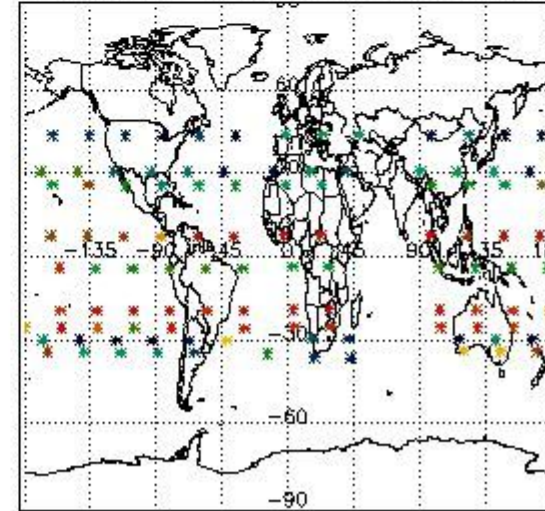
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

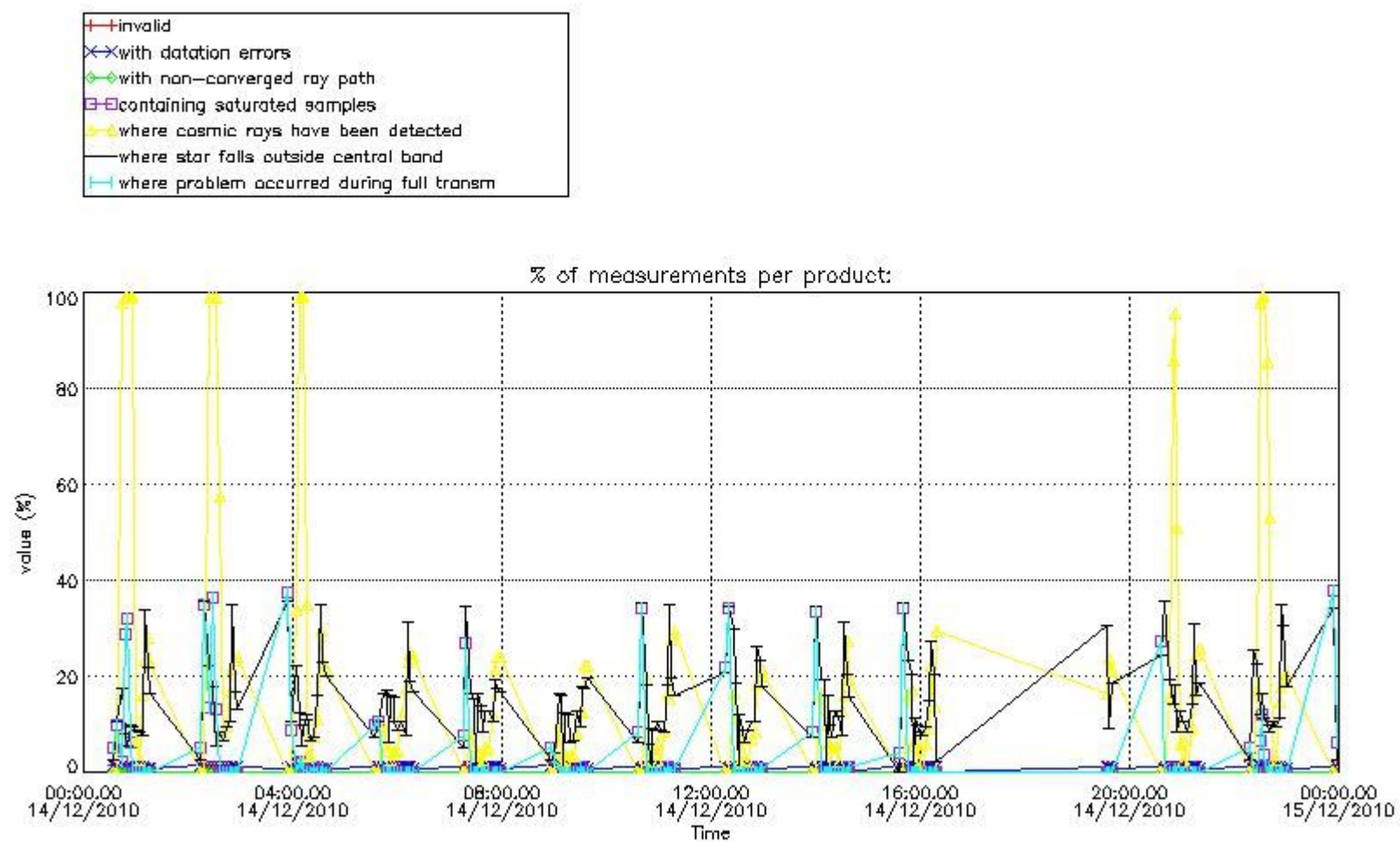


#### 4. Level 1 quality information per product

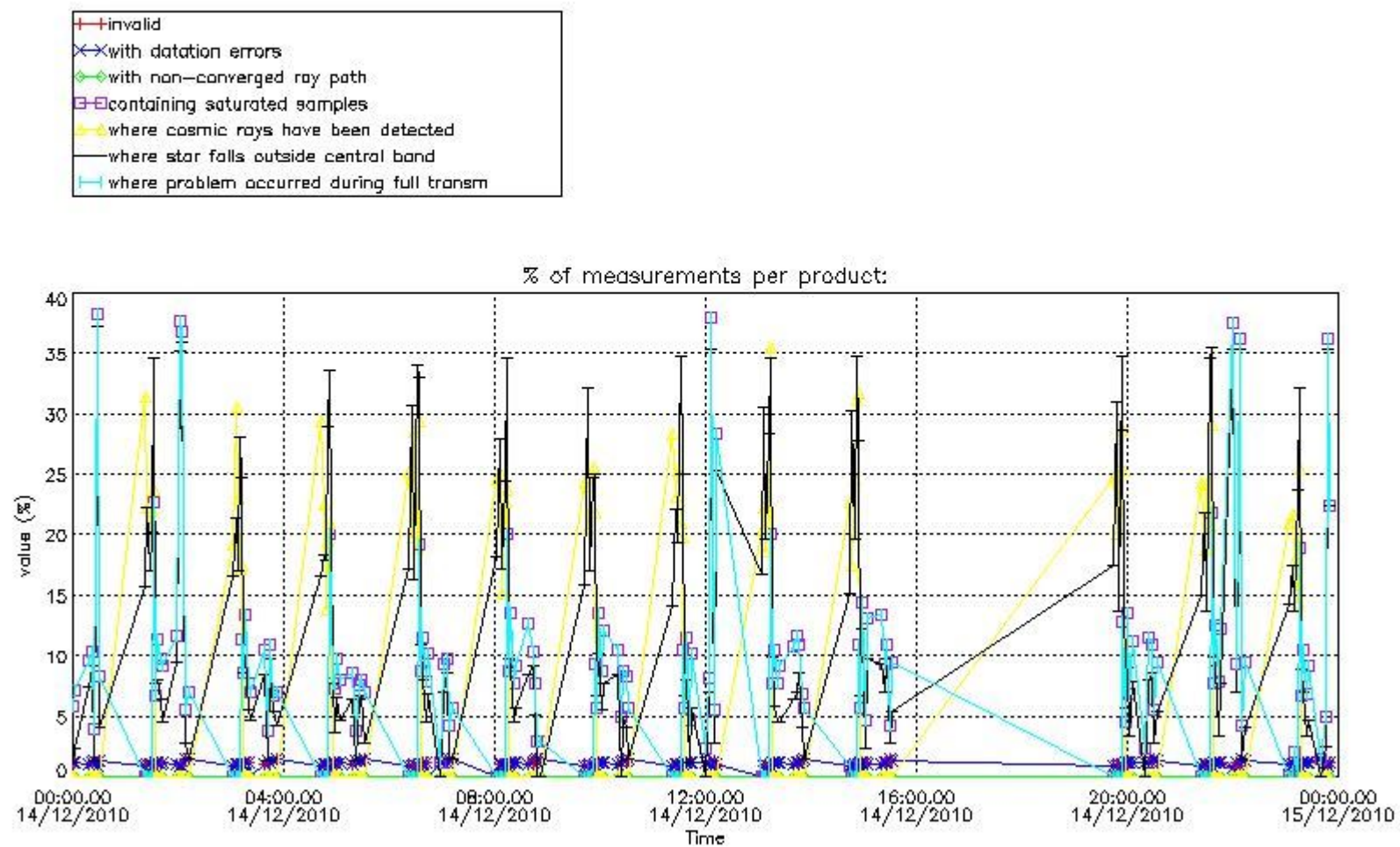
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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): ENVISAT DESCENDING passes

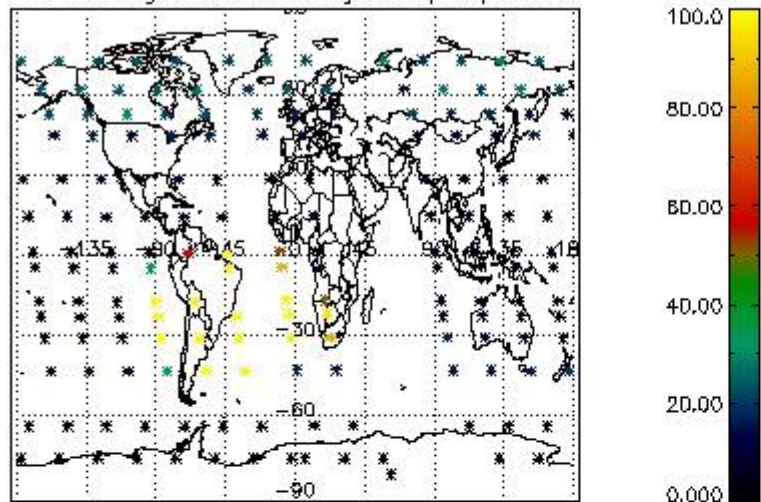


4.2 Plot quality information per product coming from level 1b processing (world map)

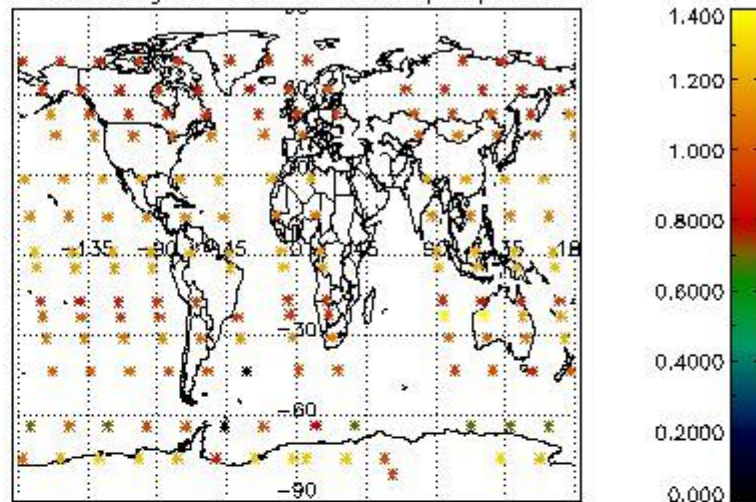
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



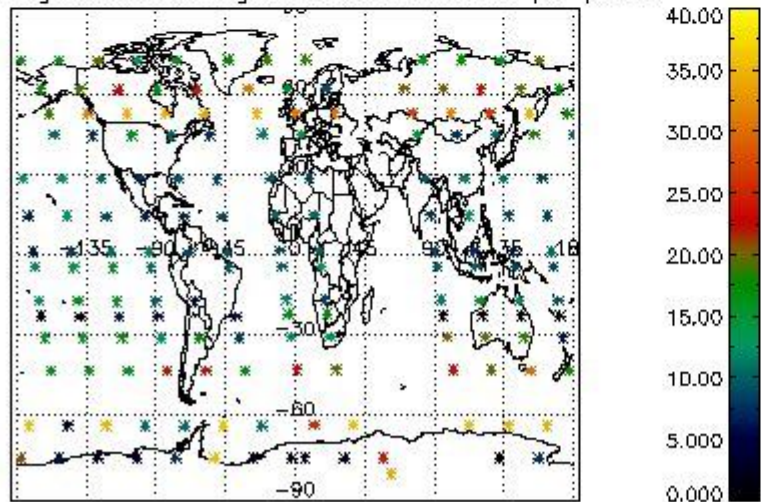
Percentage of cosmic ray hits per profile



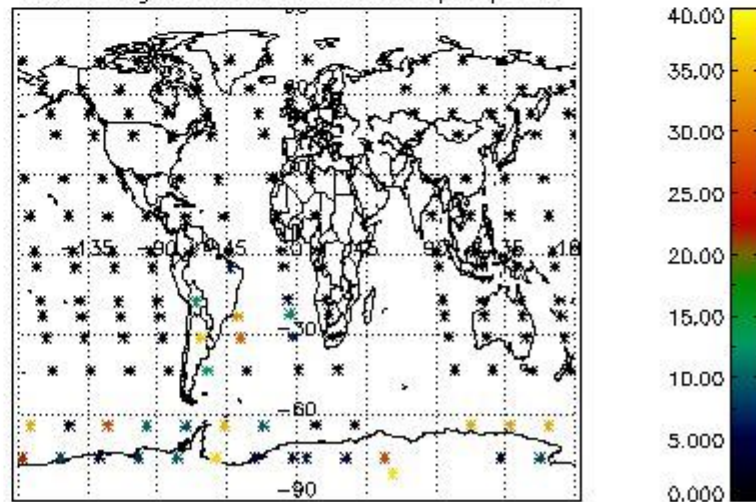
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



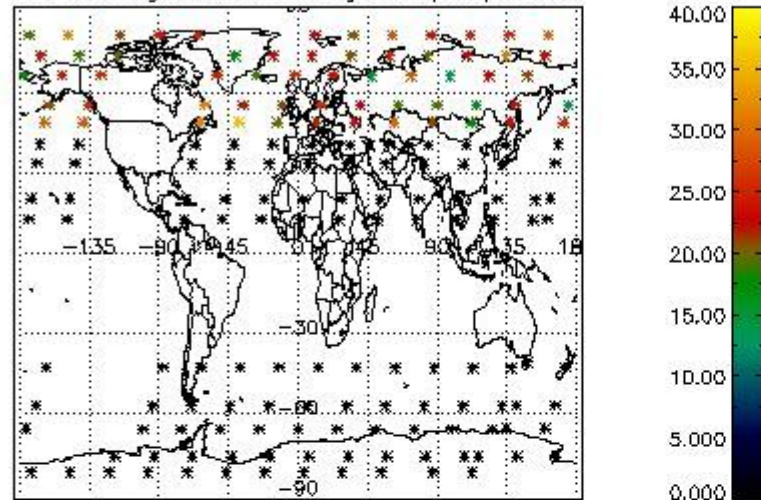
Percentage of saturation errors per profile



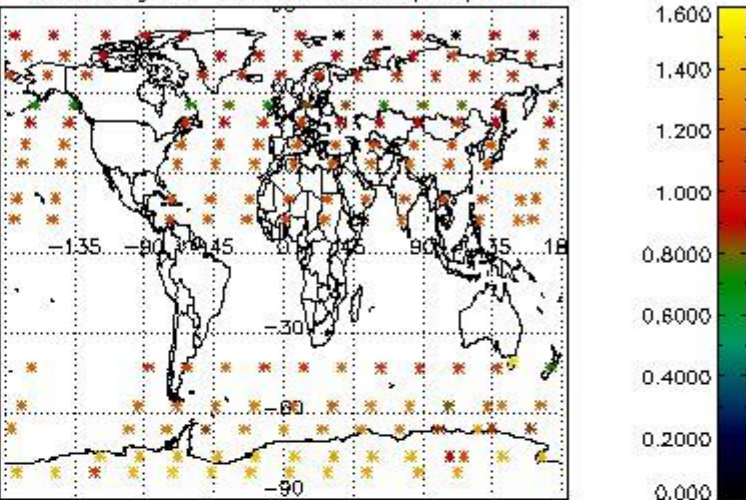
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



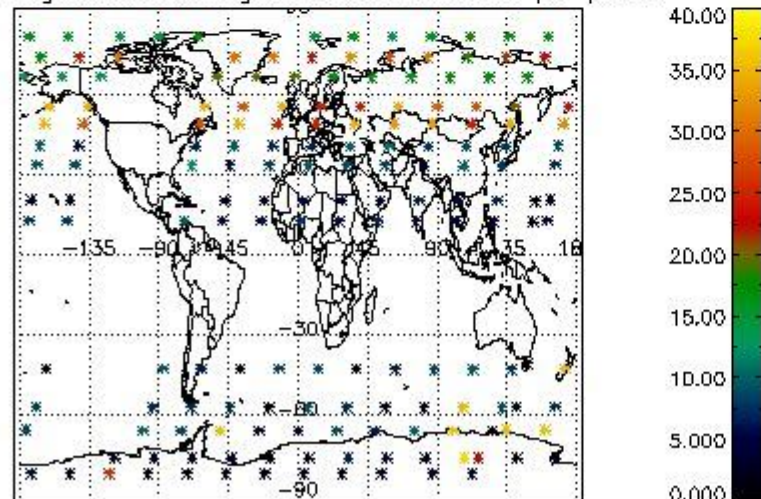
Percentage of cosmic ray hits per profile



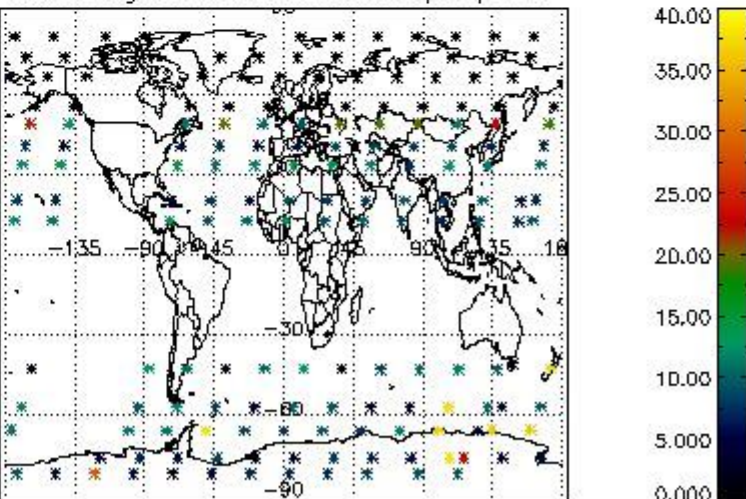
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

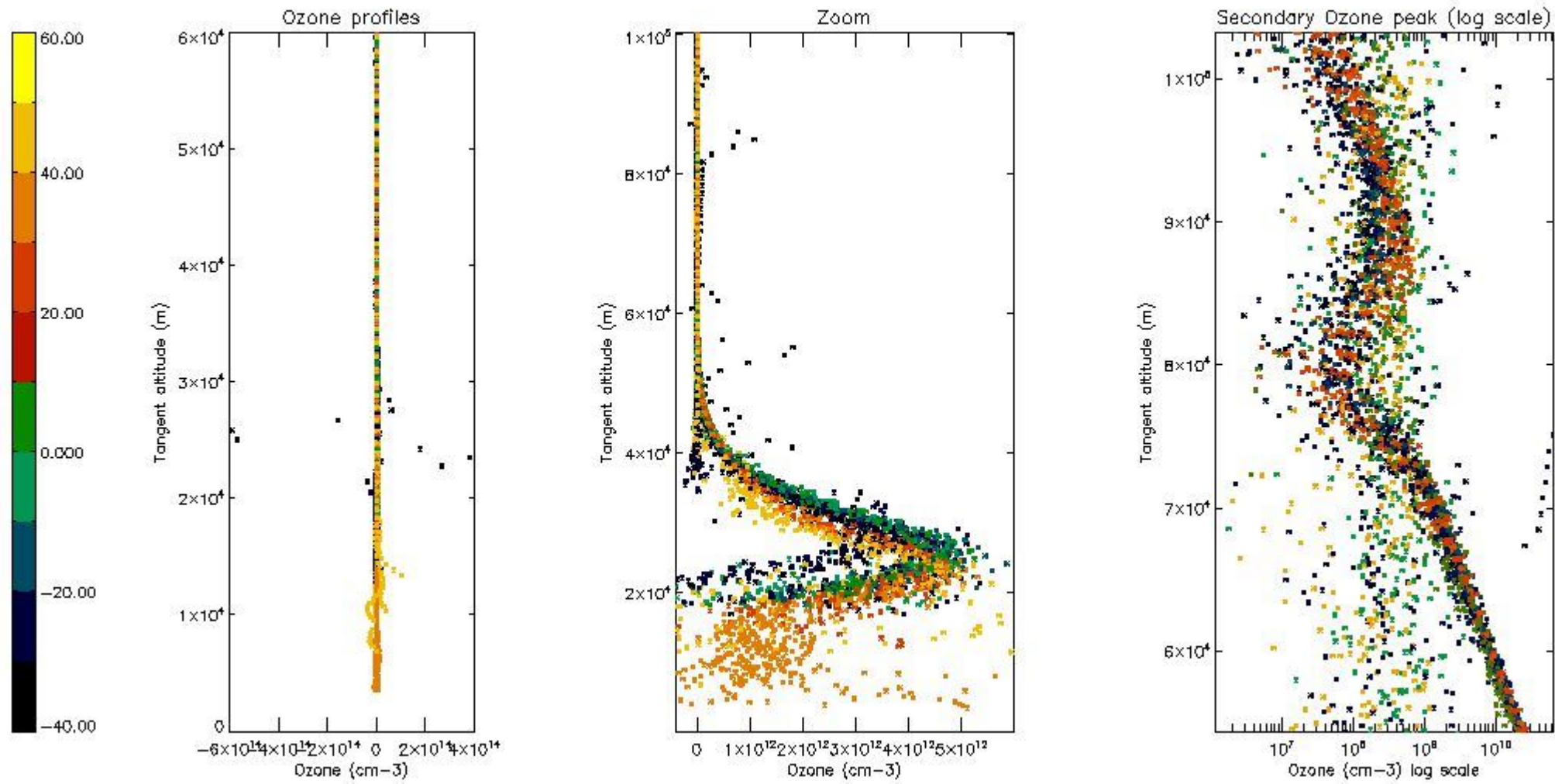
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	9
STD < 5	6

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

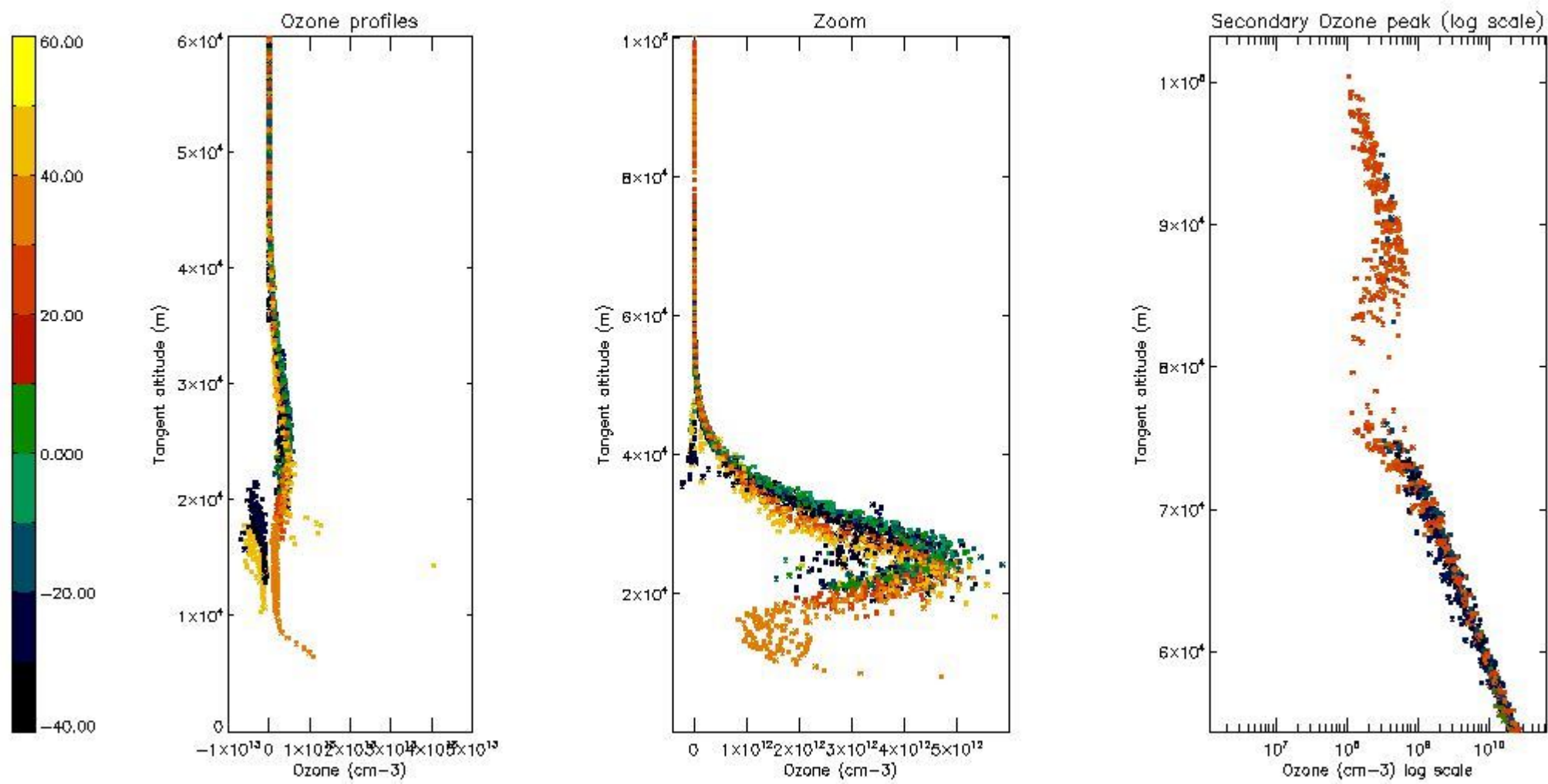
The colorbar represents the latitude.



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

The colorbar represents the latitude.

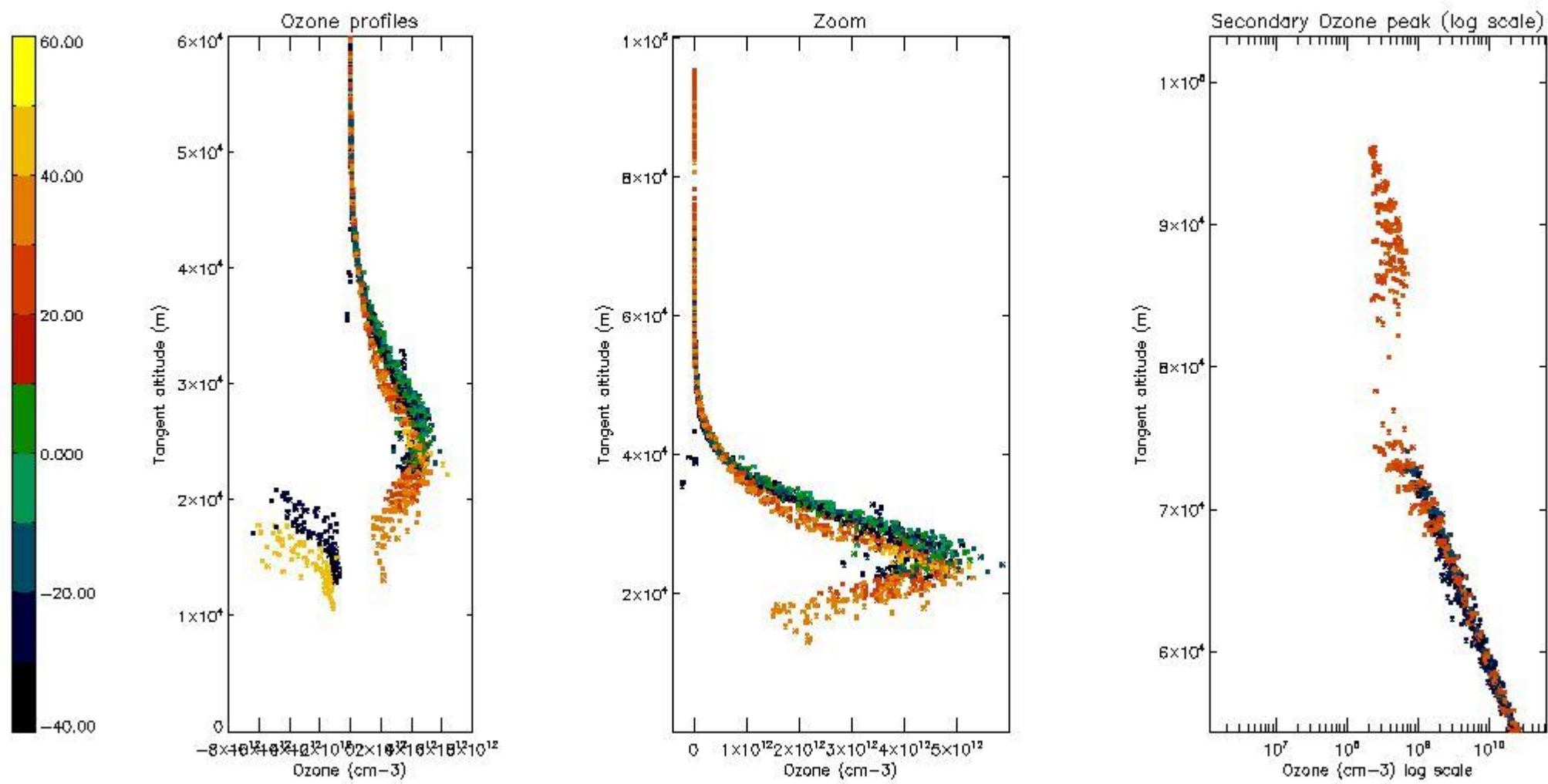




*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

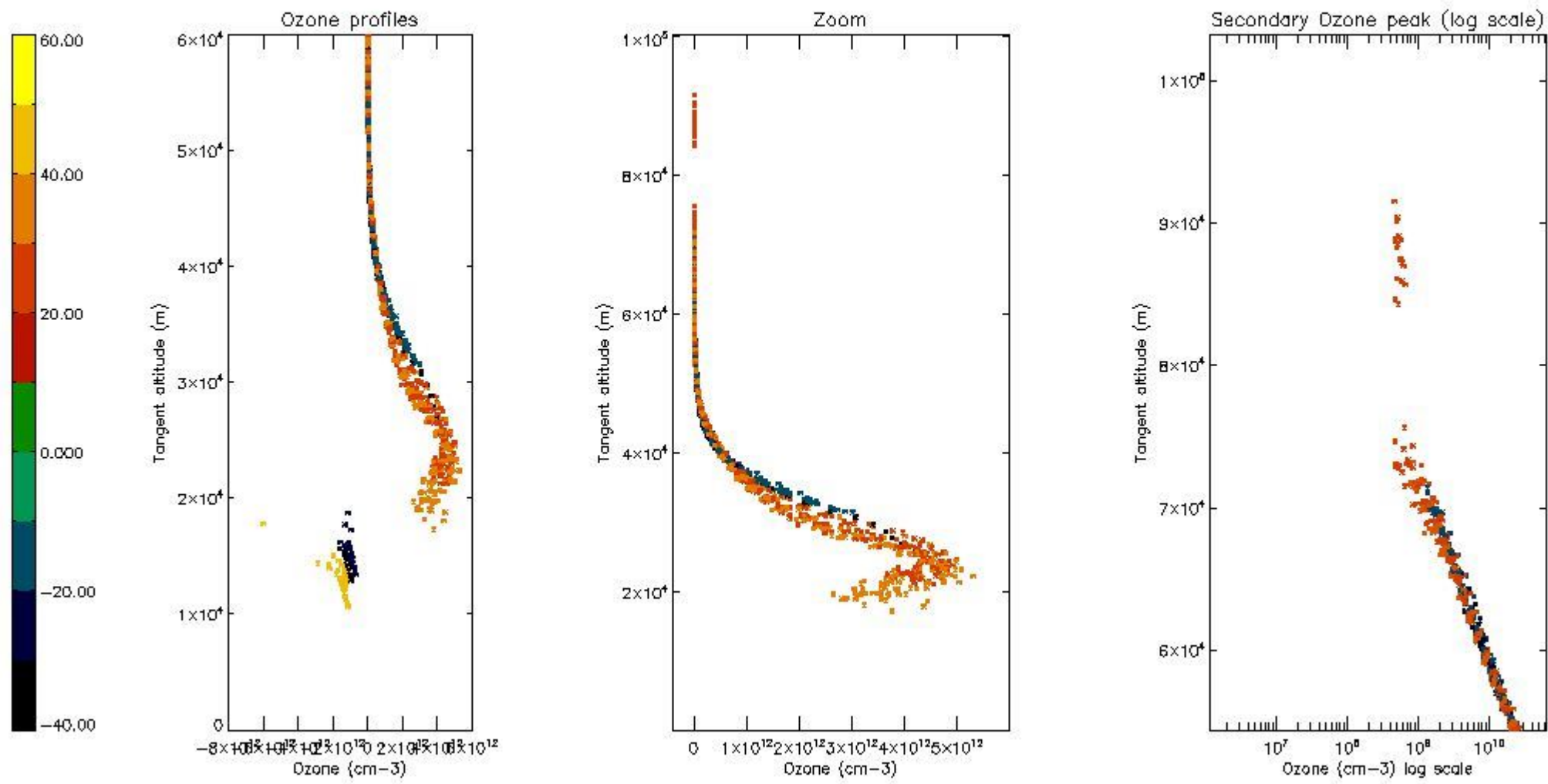
The colorbar represents the latitude.





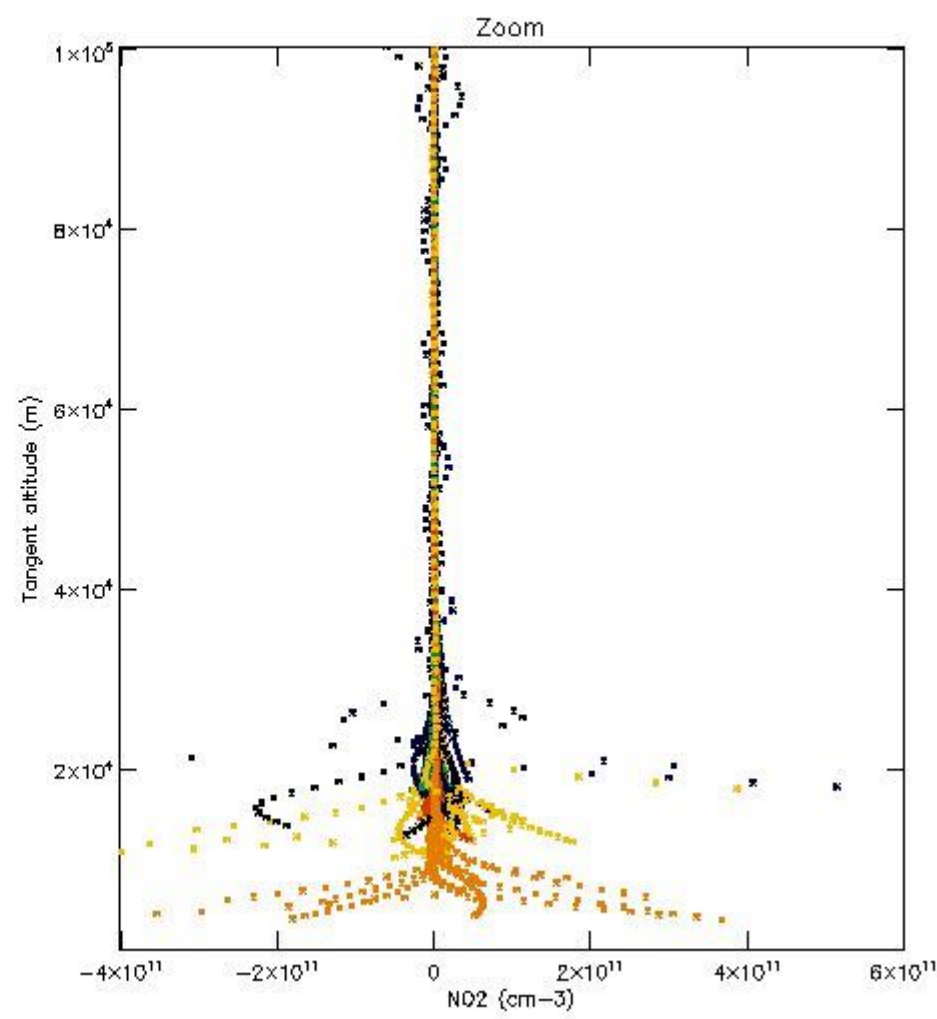
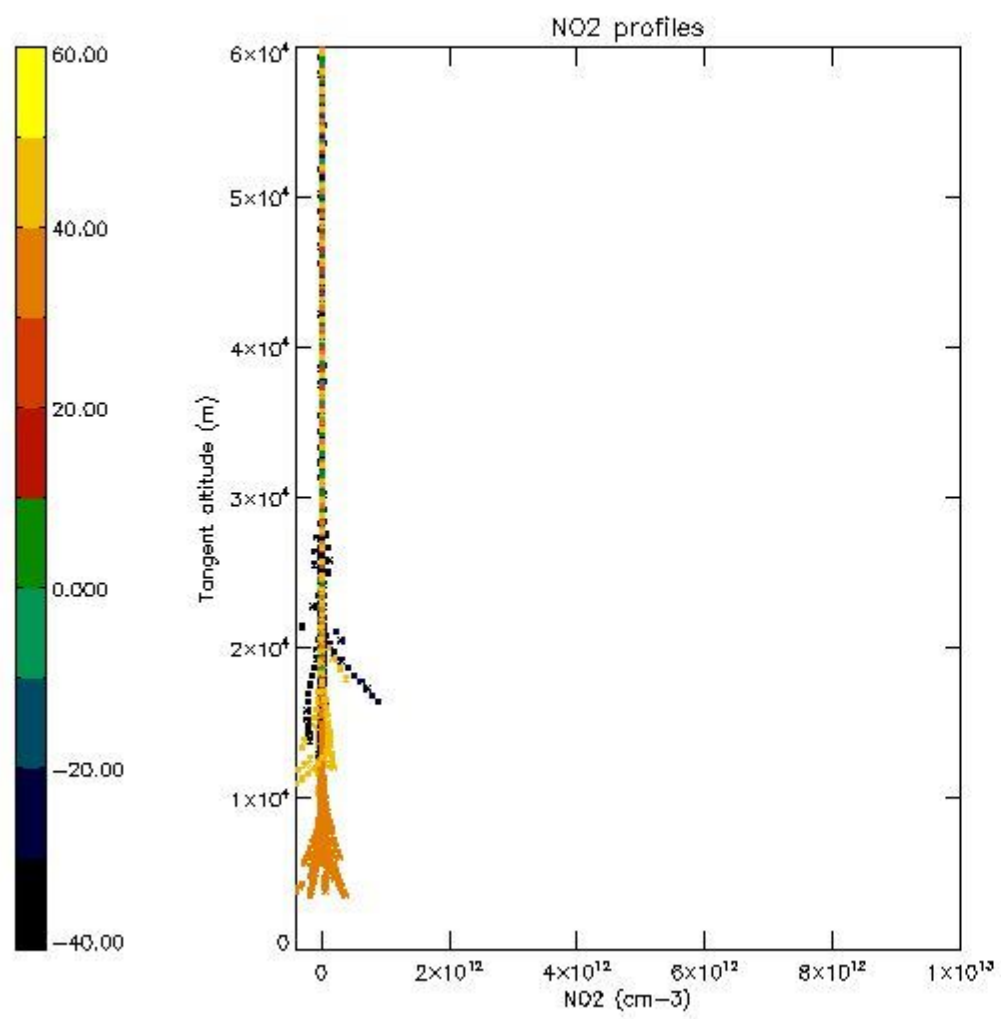
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

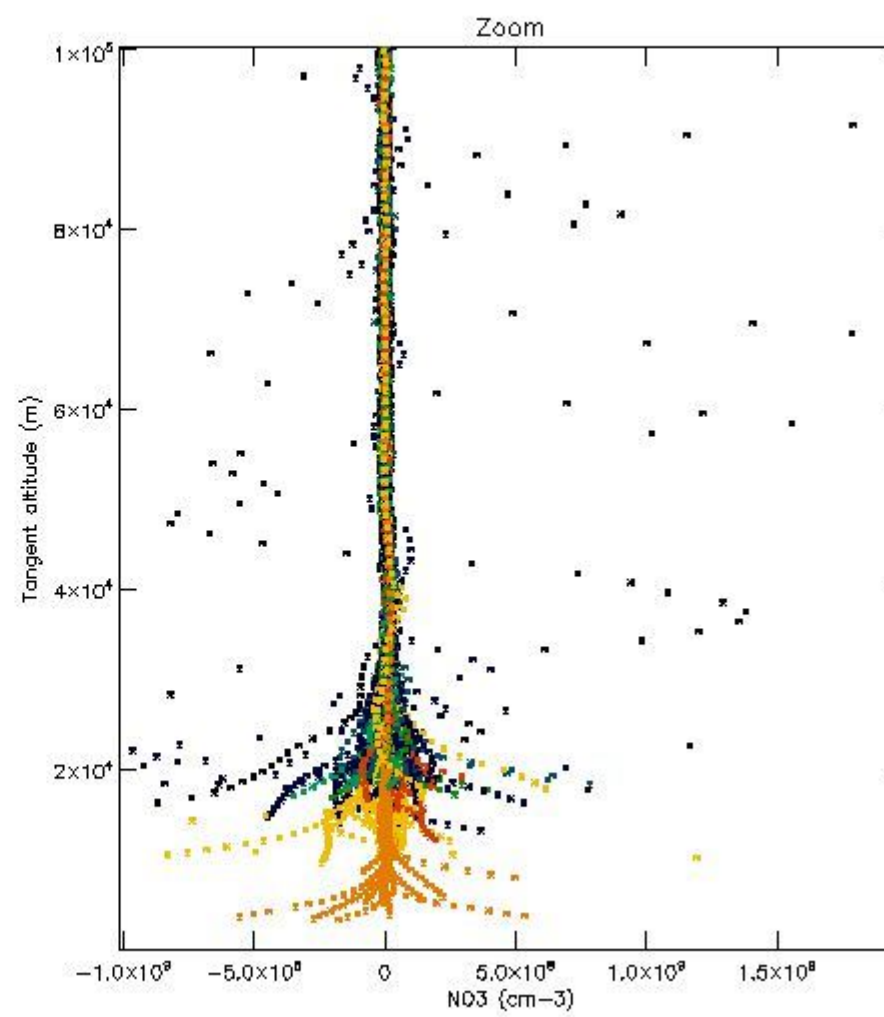
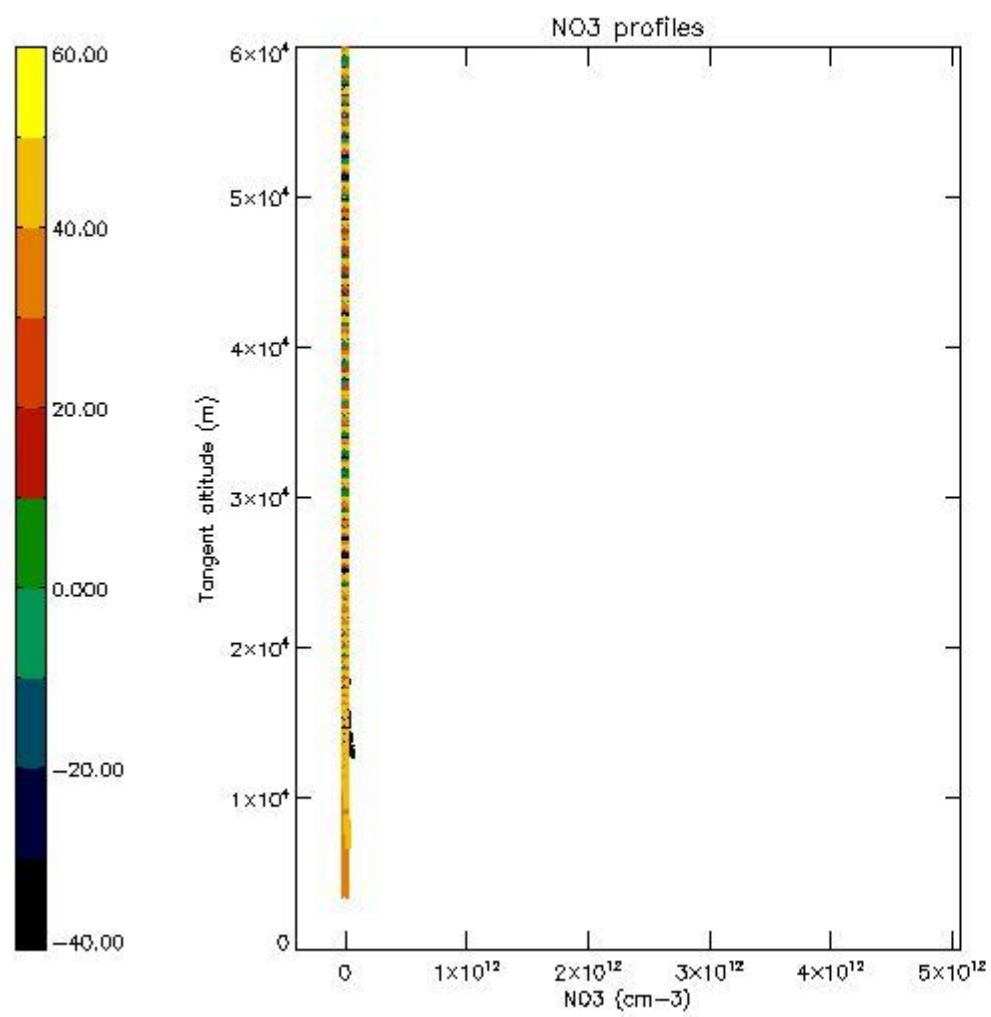
The colorbar represents the latitude.



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

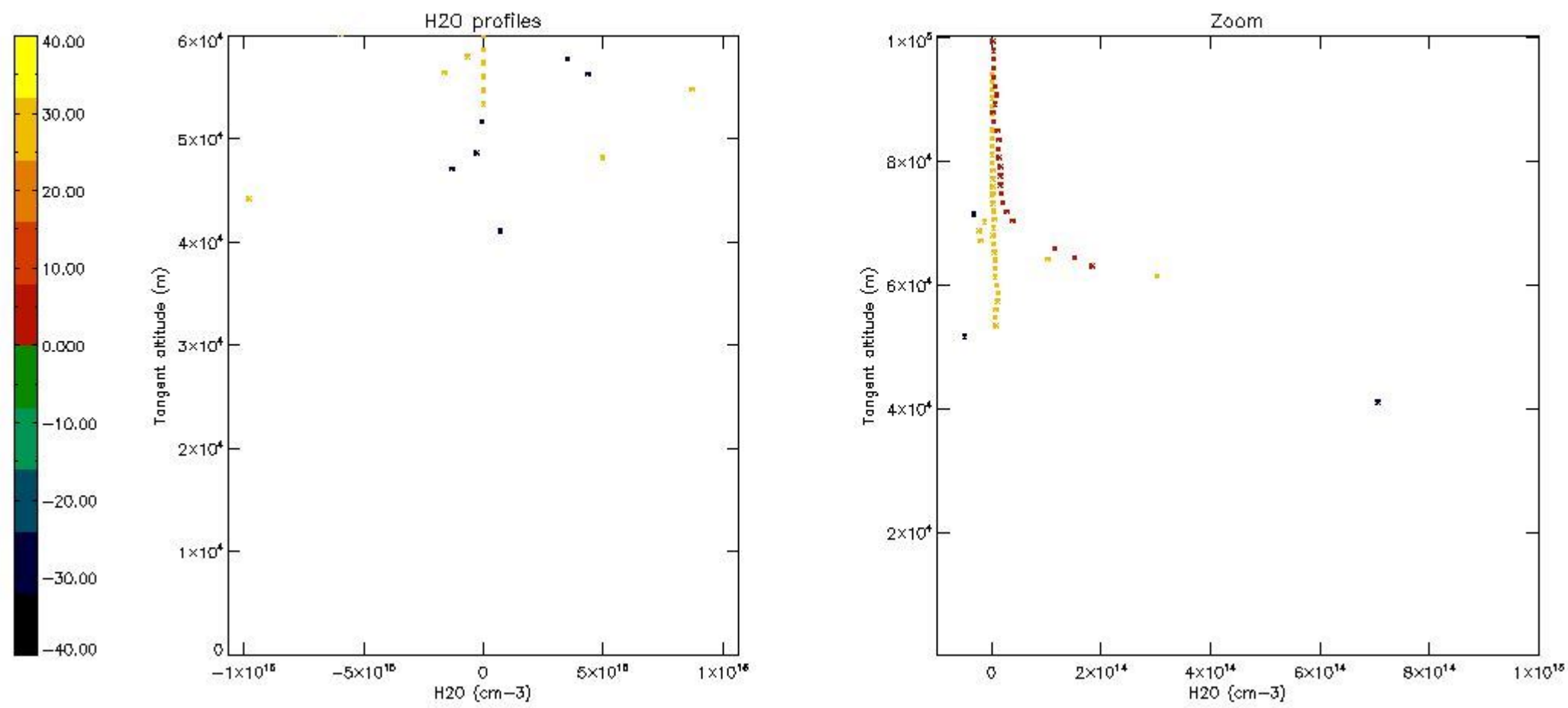
The colorbar represents the latitude.





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)

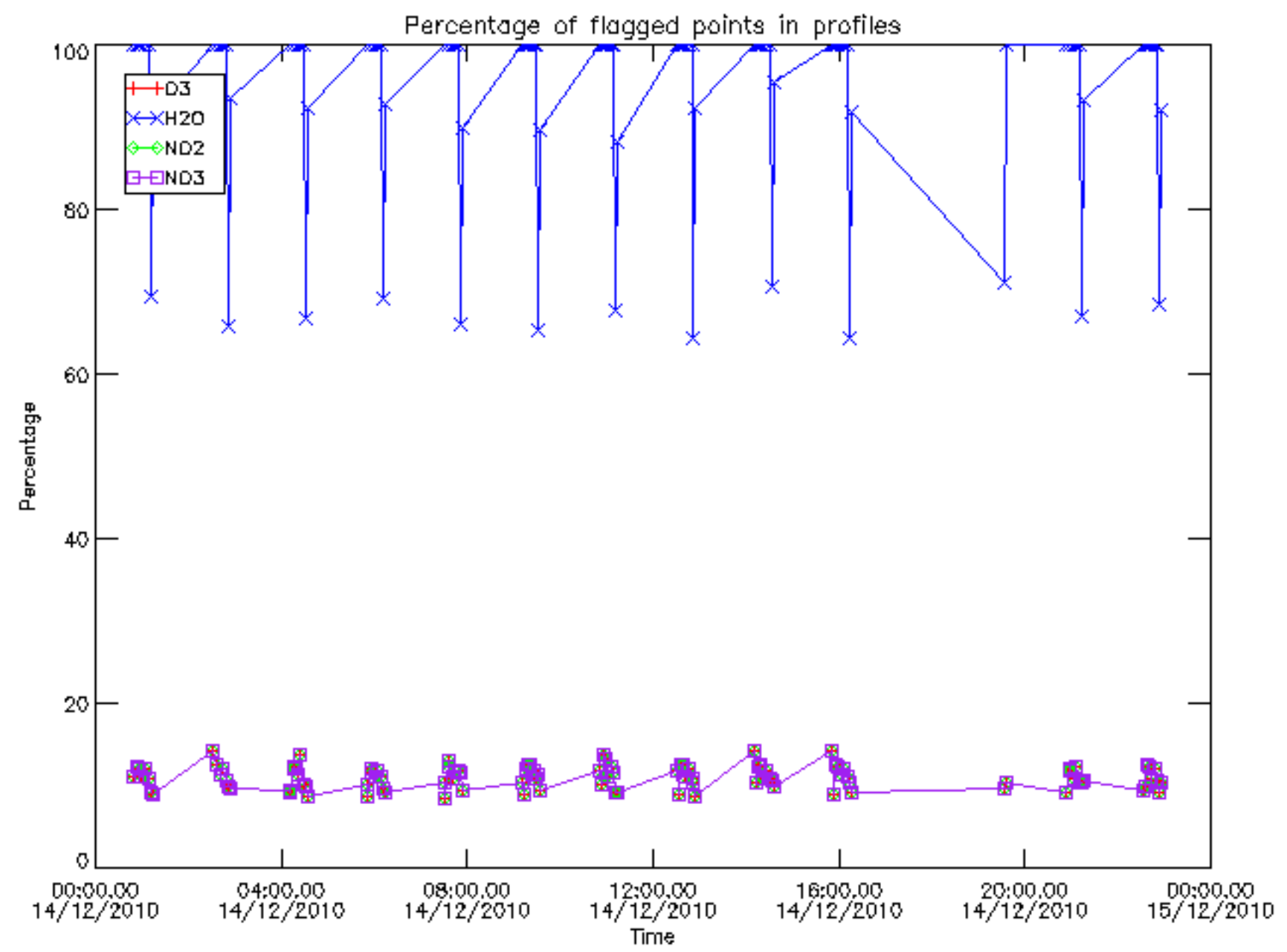
The colorbar represents the latitude.



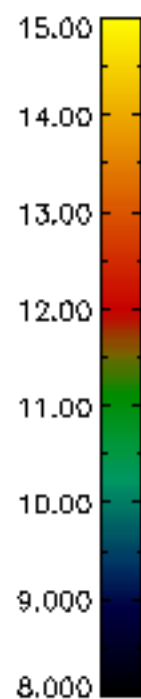
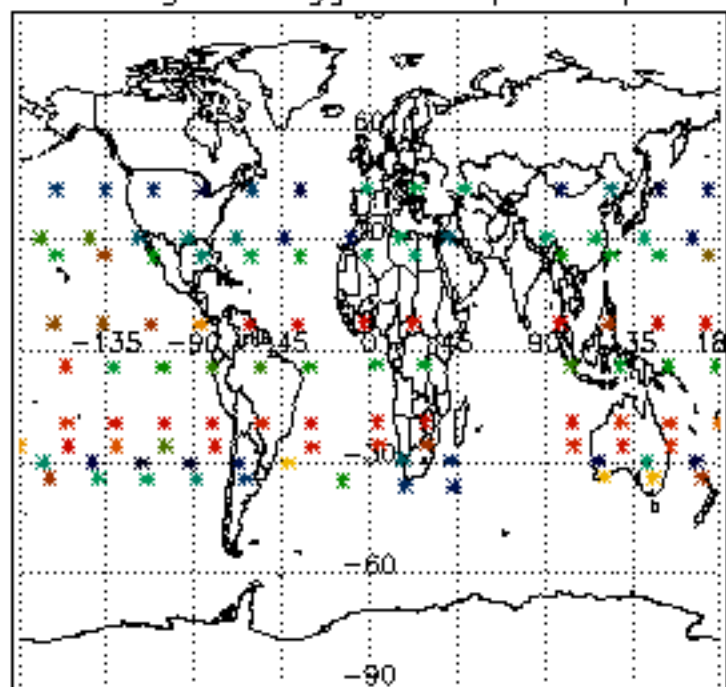
## 6. Auxiliary Data Files used for the production reported in section 2

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.

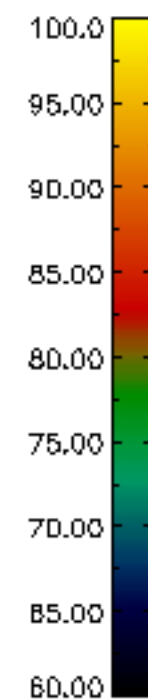
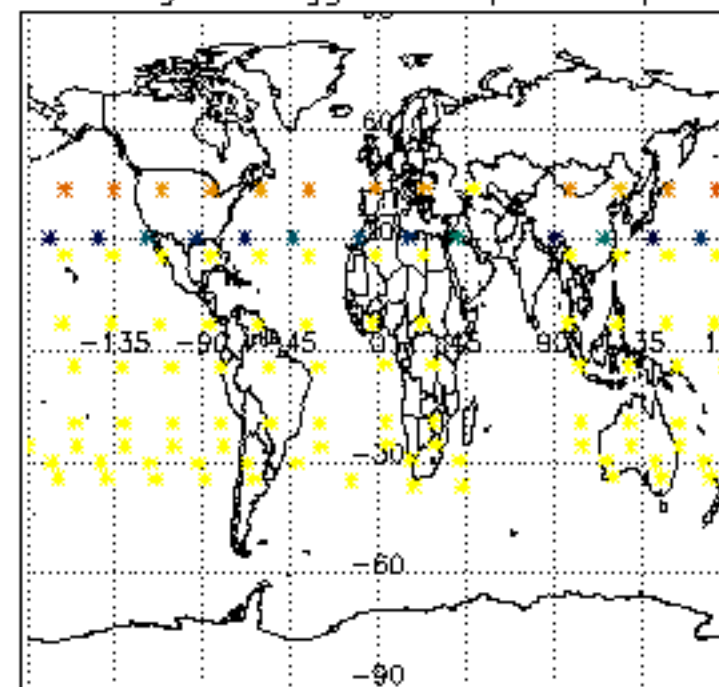
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-DEC-2010 00:00:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-DEC-2010 00:00:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-DEC-2010 00:00:13



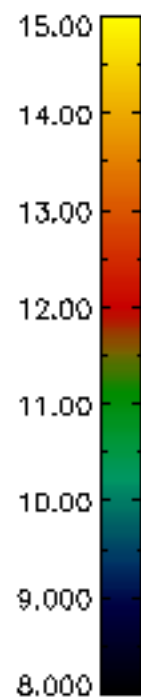
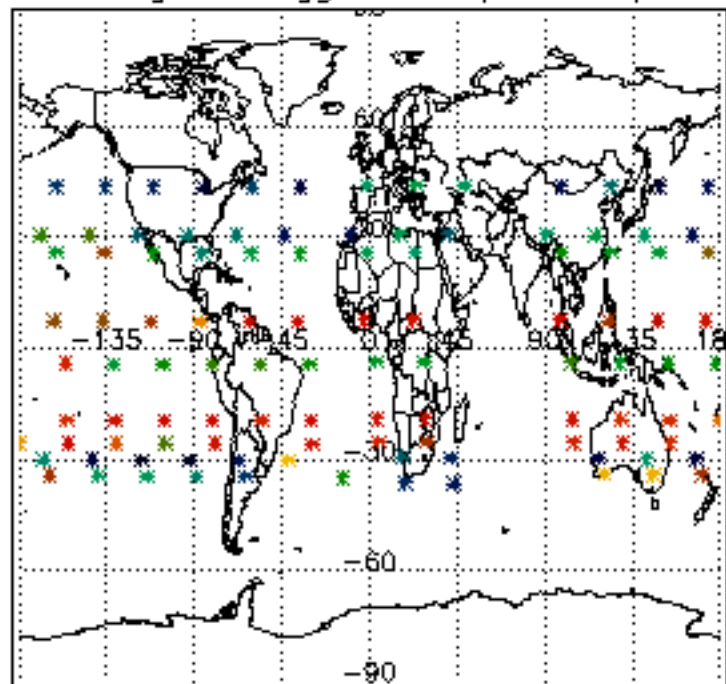
Percentage of flagged data per D3 profile



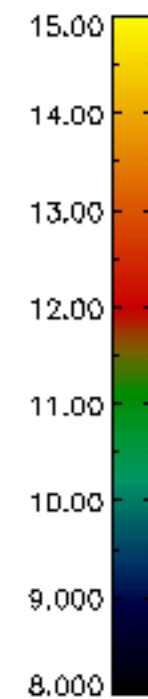
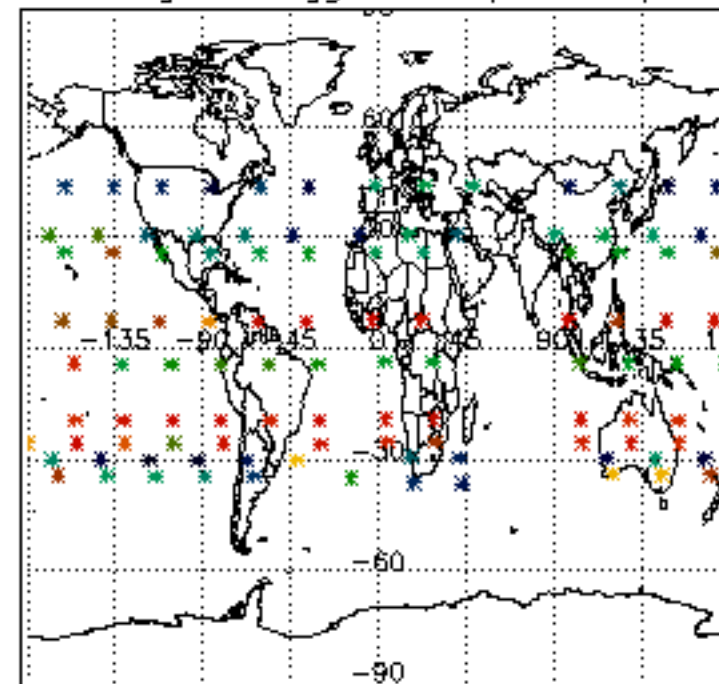
Percentage of flagged data per H2O profile



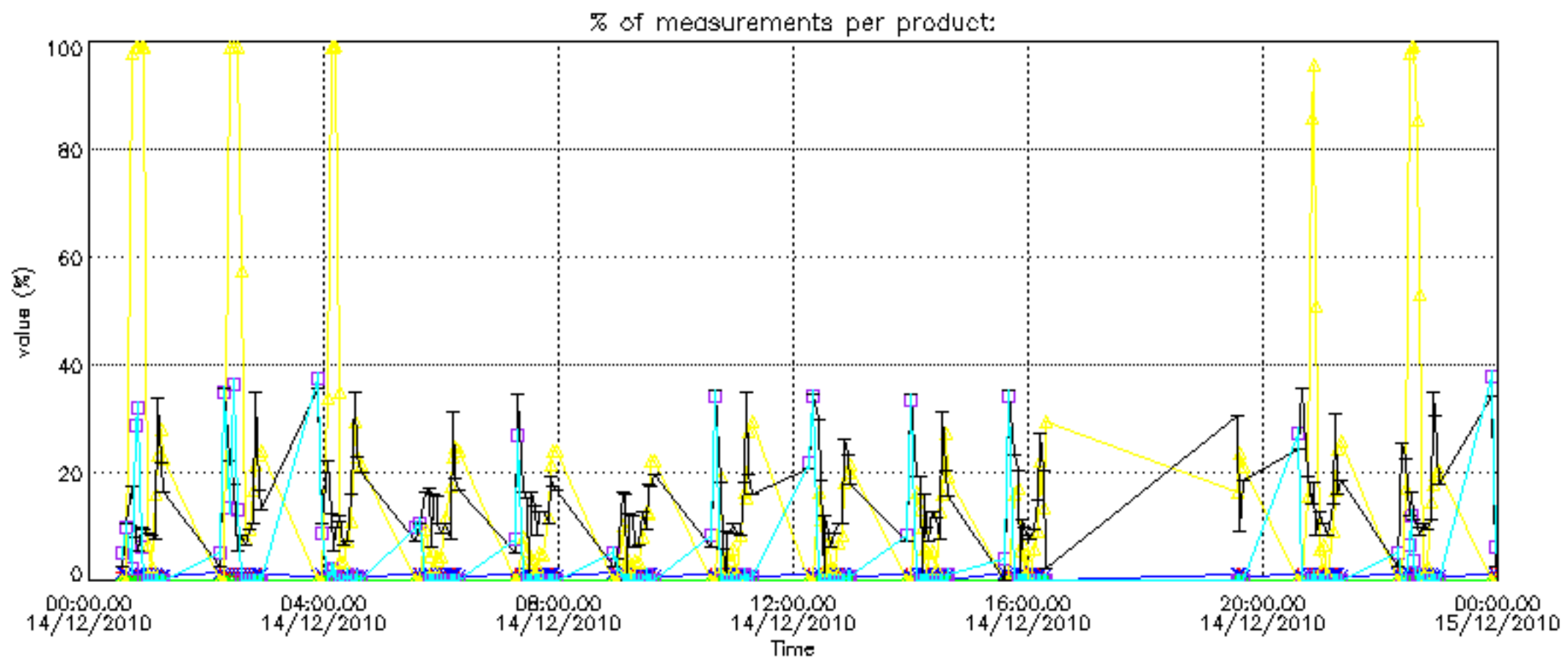
Percentage of flagged data per NO2 profile

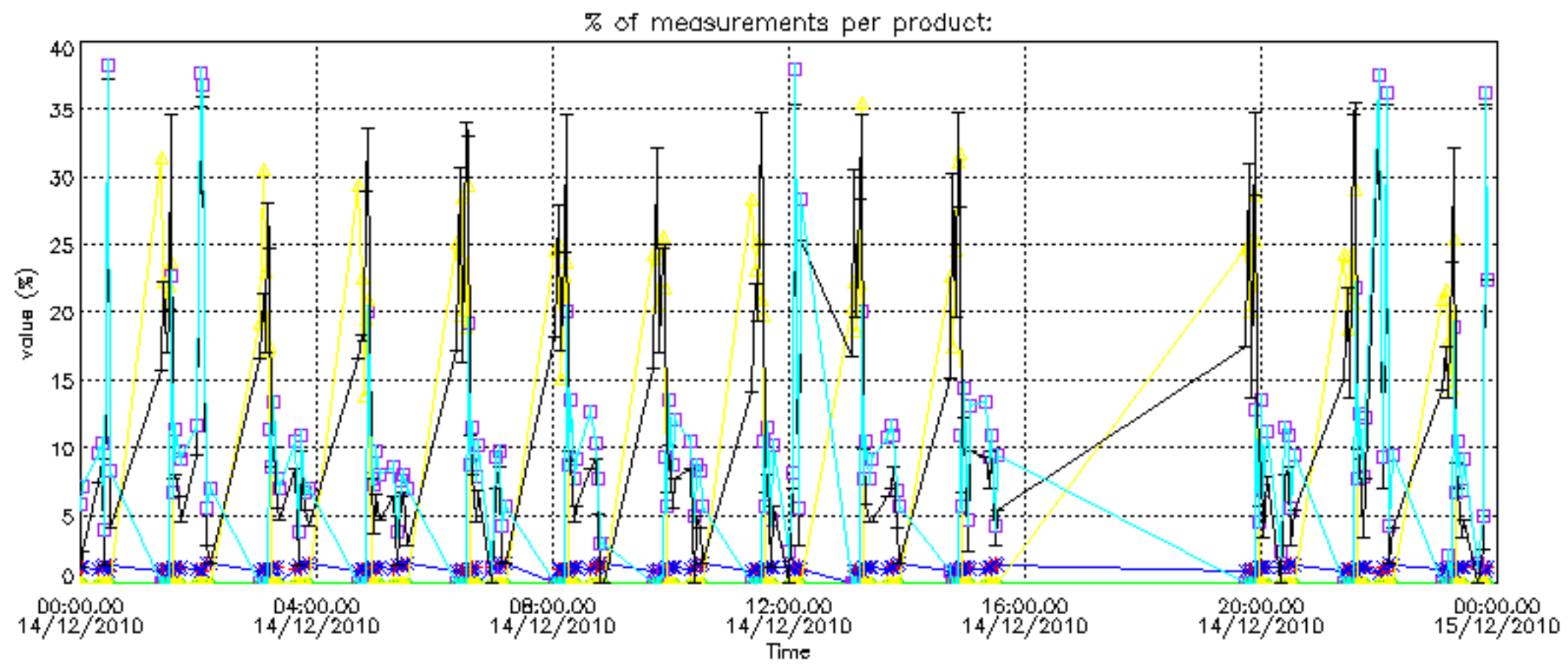
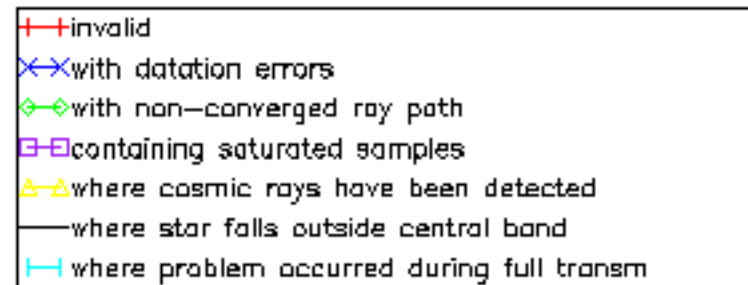


Percentage of flagged data per NO3 profile

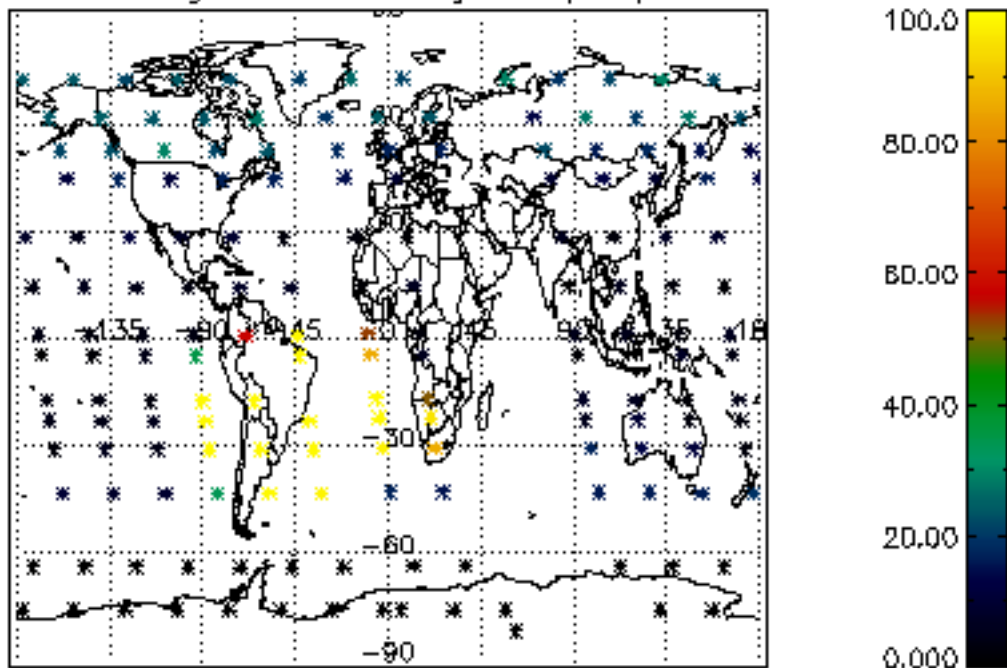




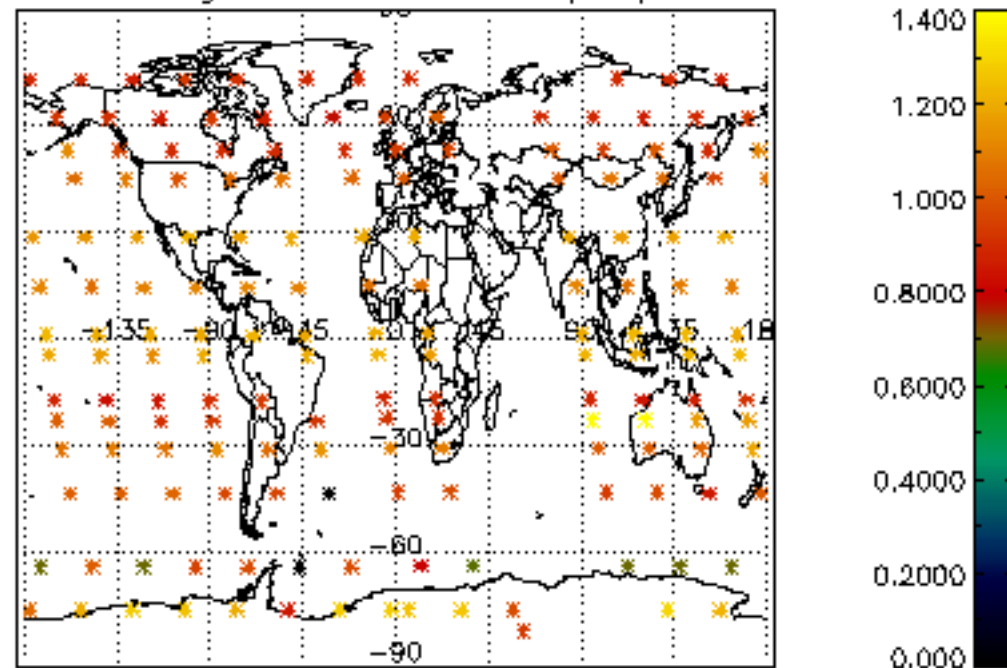




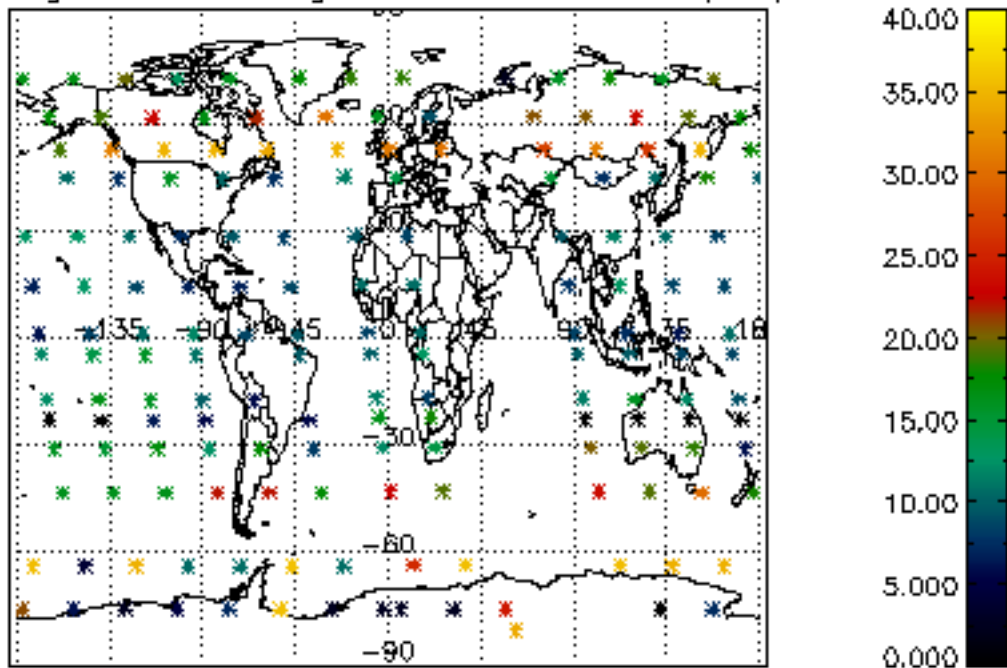
Percentage of cosmic ray hits per profile



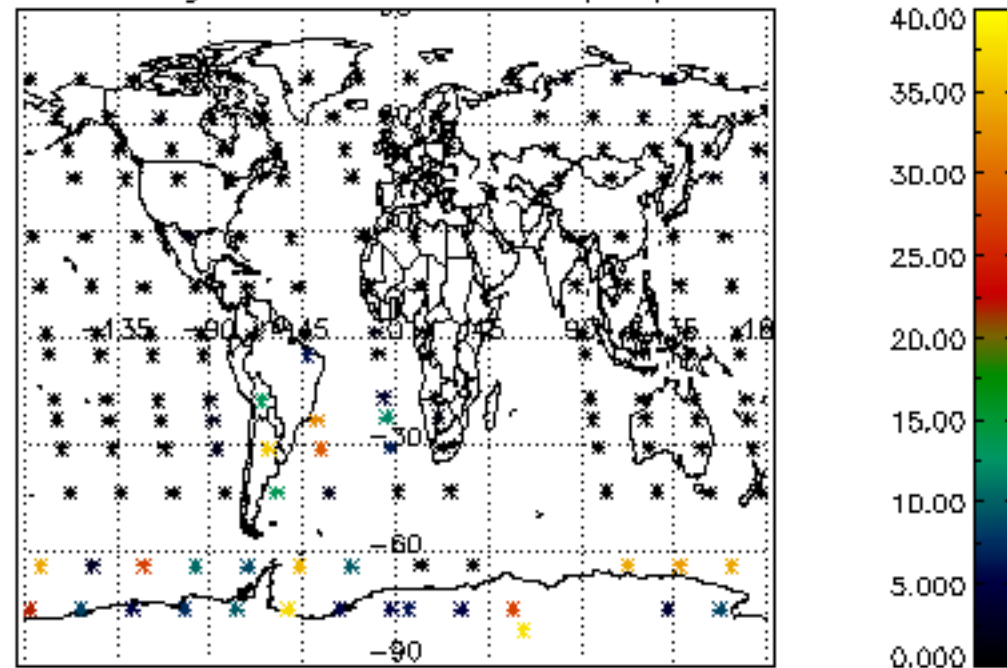
Percentage of datation errors per profile



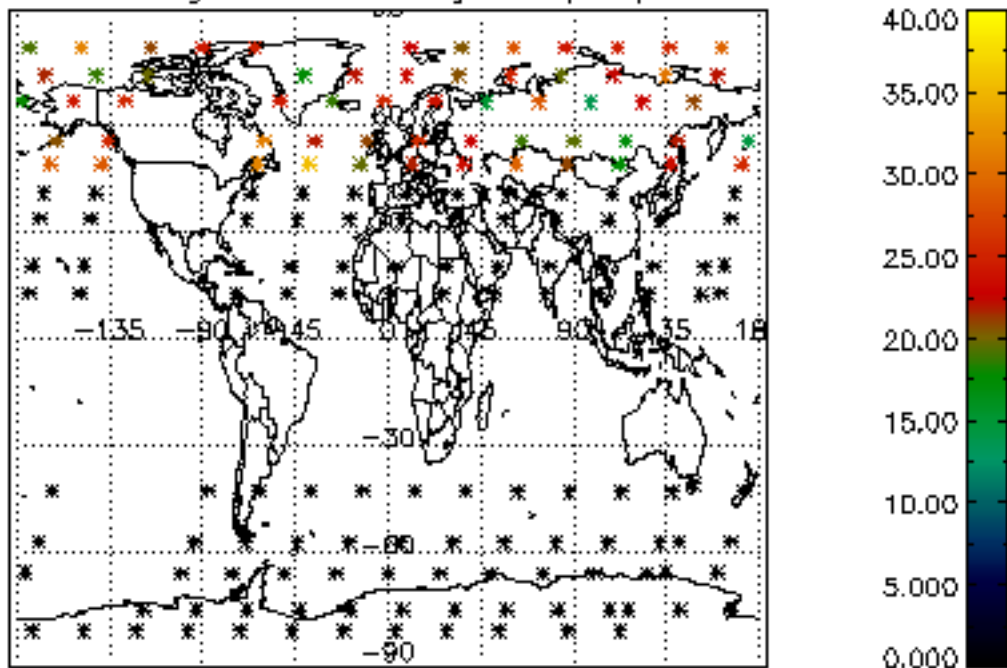
Percentage of star falling outside central band per profile



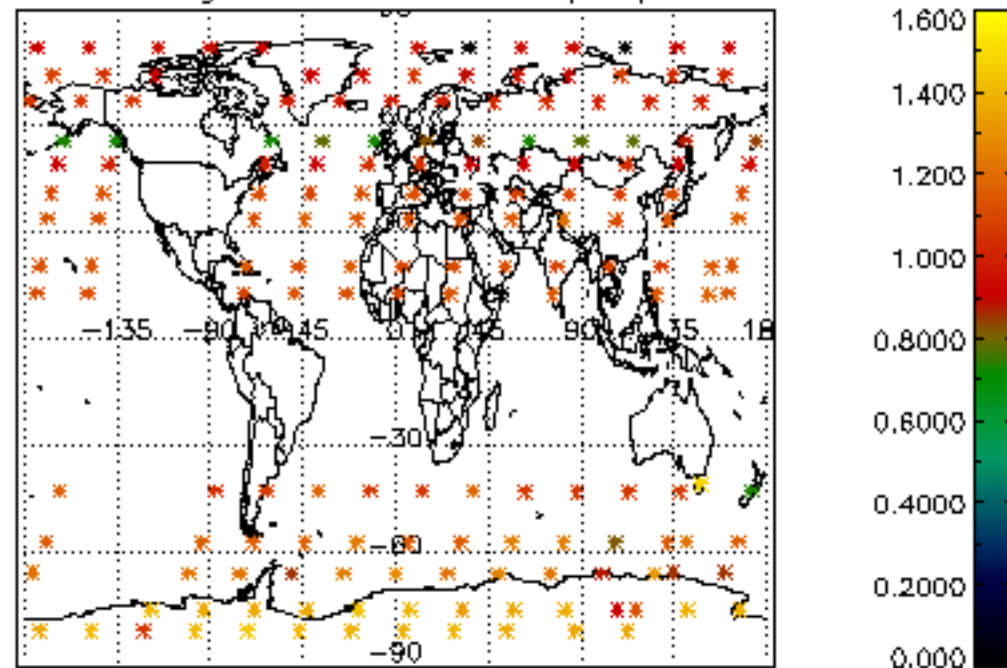
Percentage of saturation errors per profile



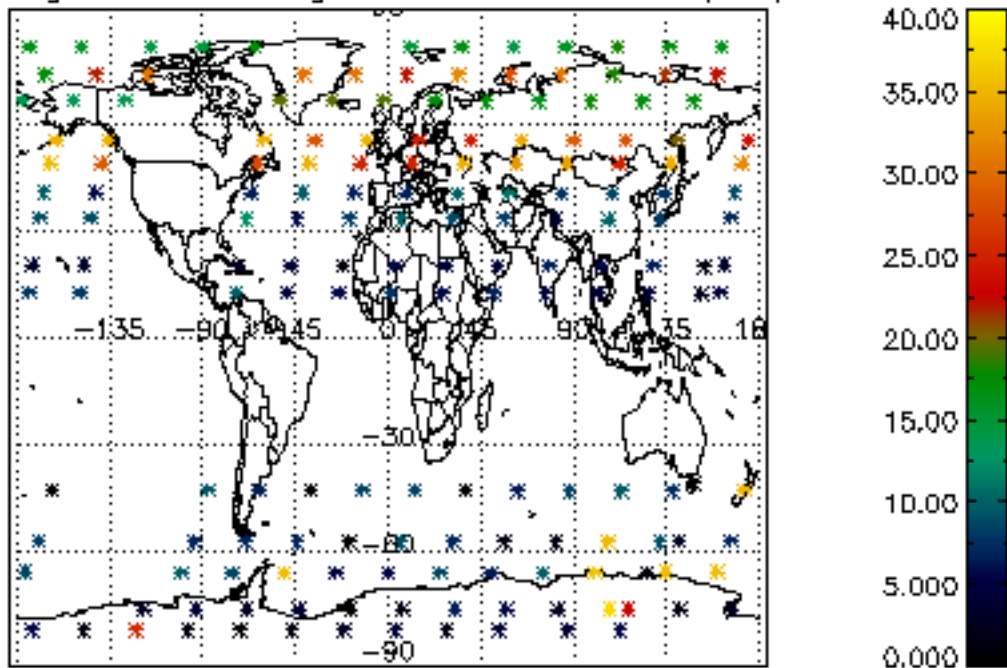
Percentage of cosmic ray hits per profile



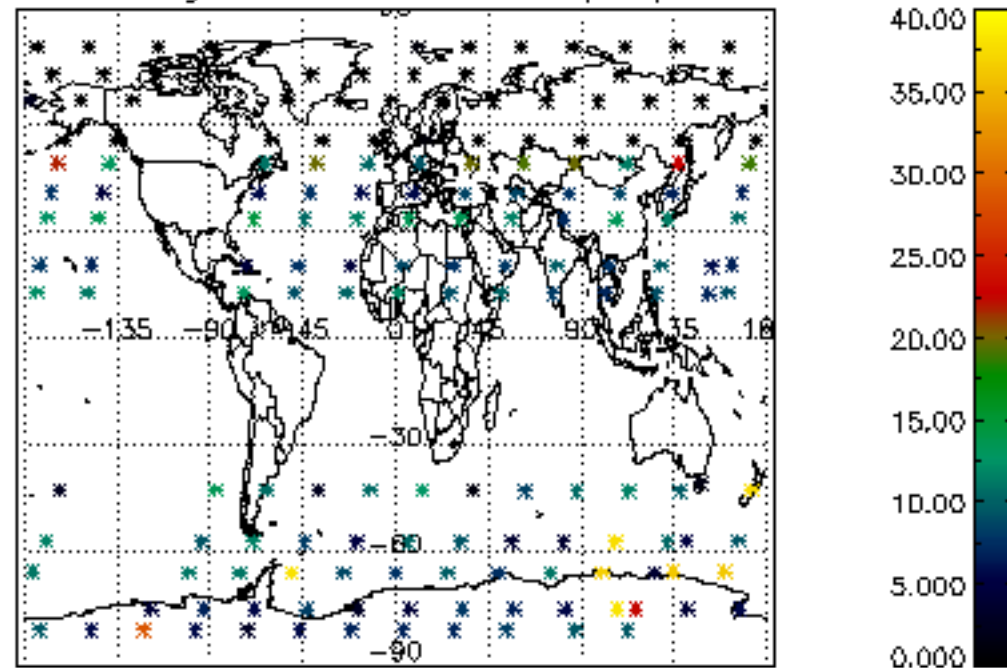
Percentage of datation errors per profile



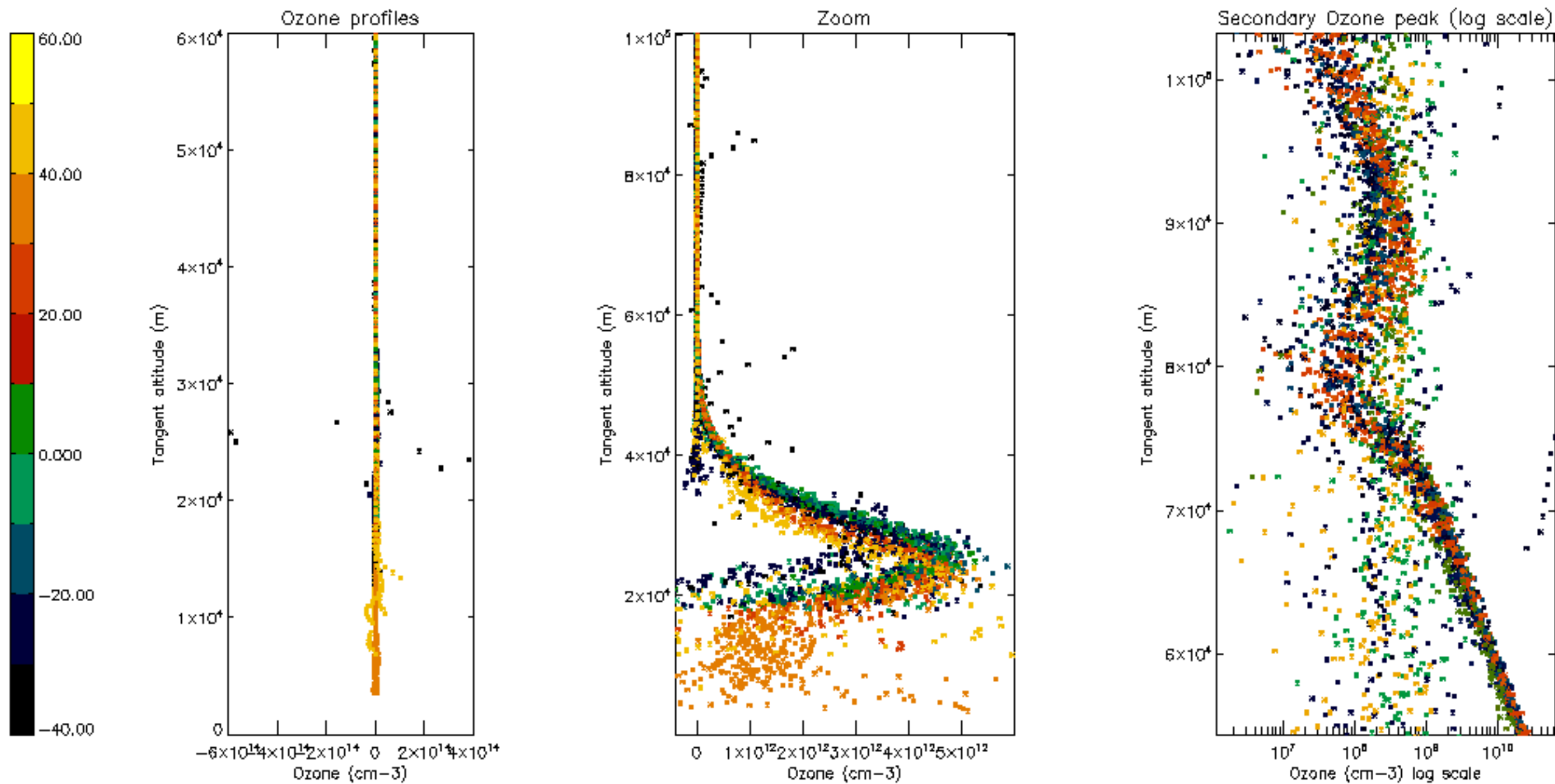
Percentage of star falling outside central band per profile

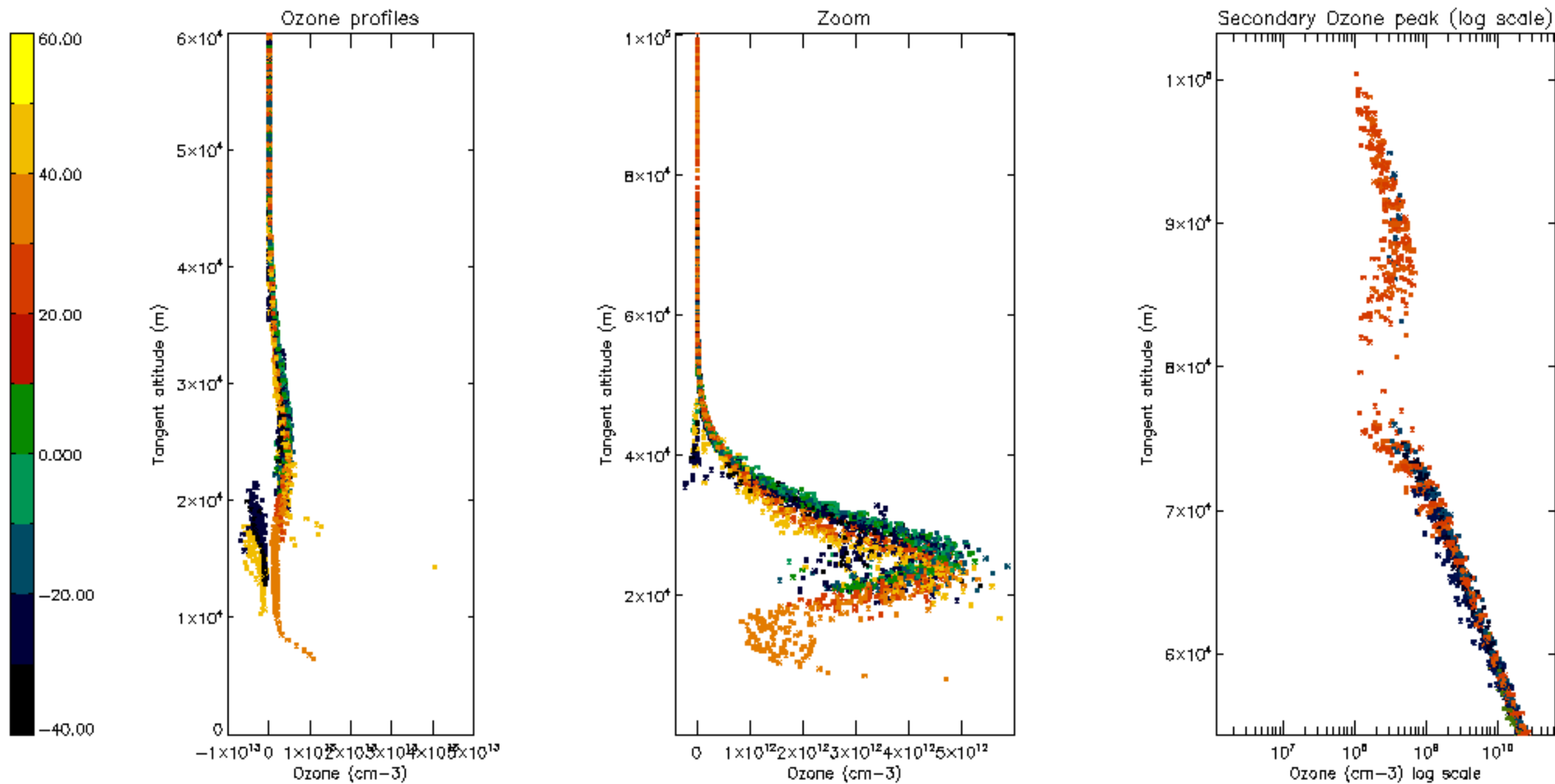


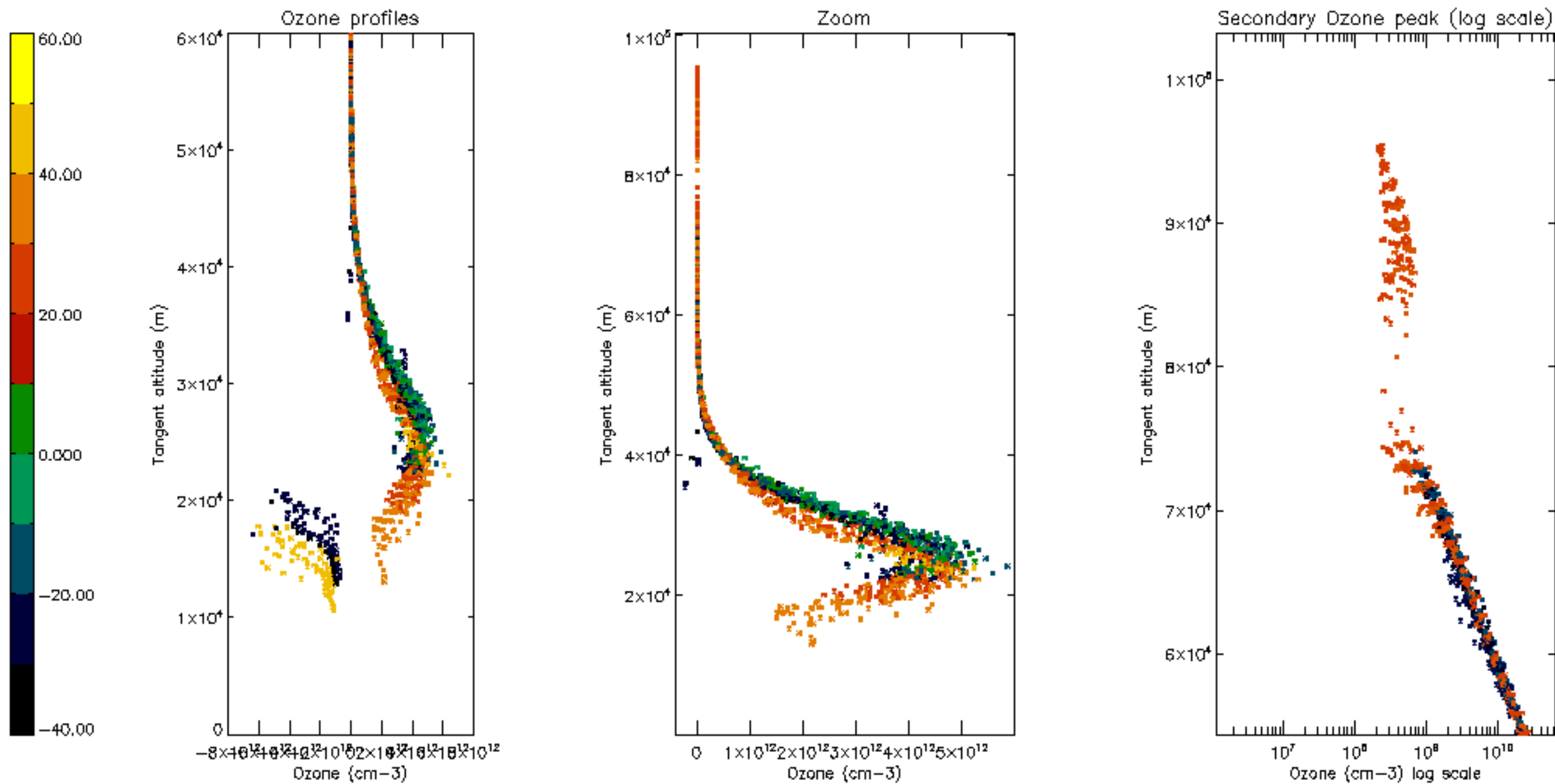
Percentage of saturation errors per profile

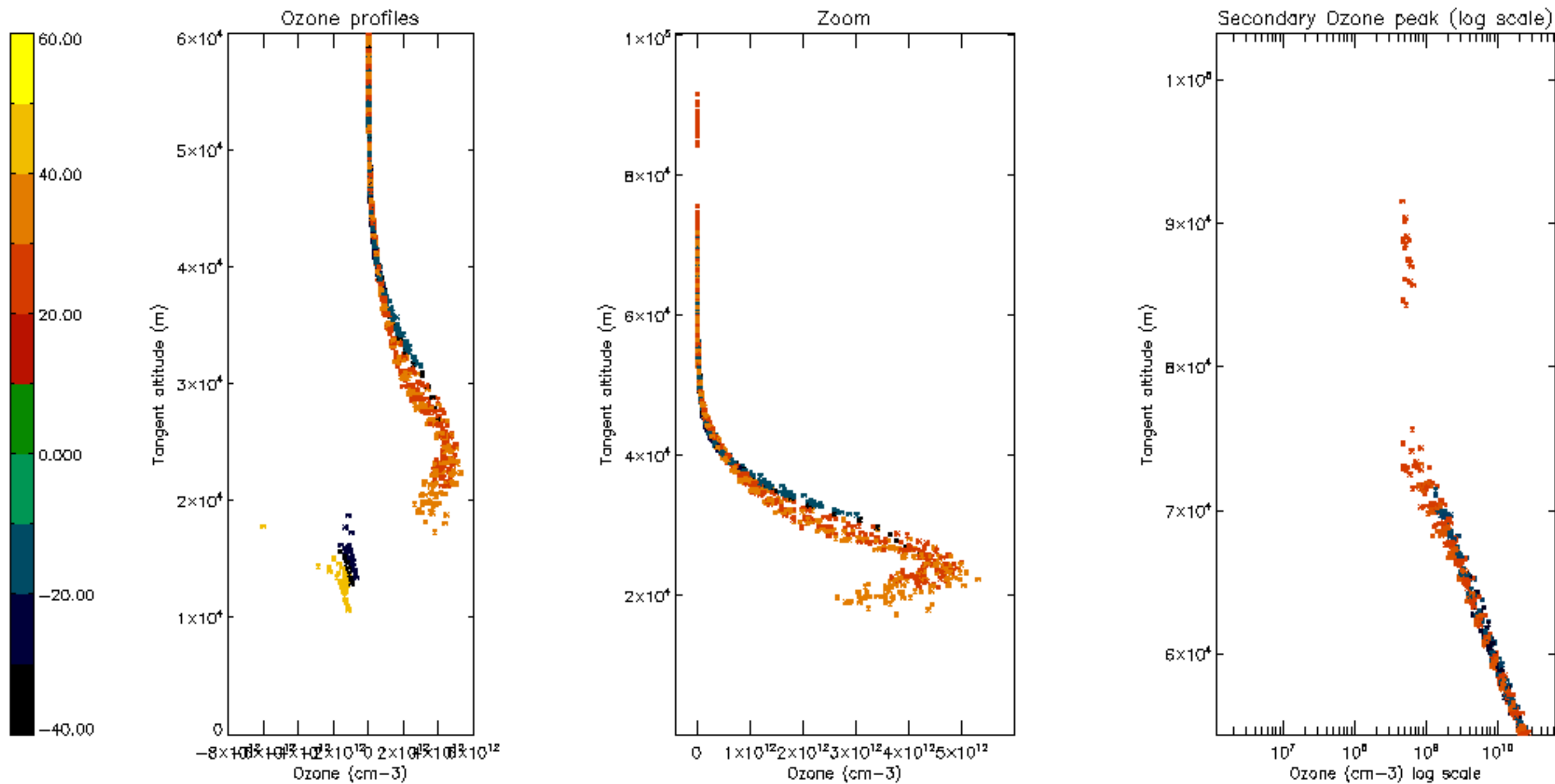




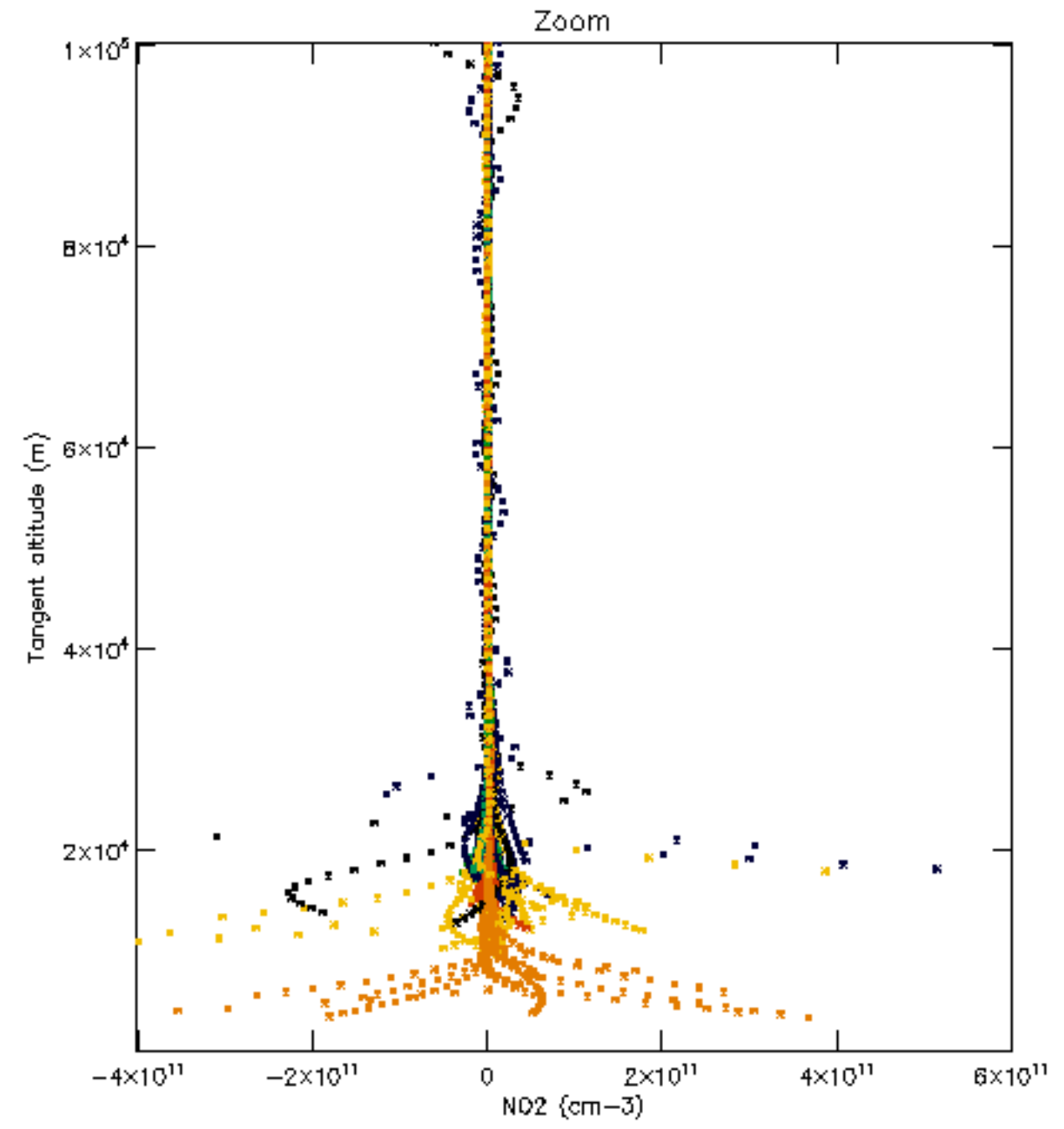
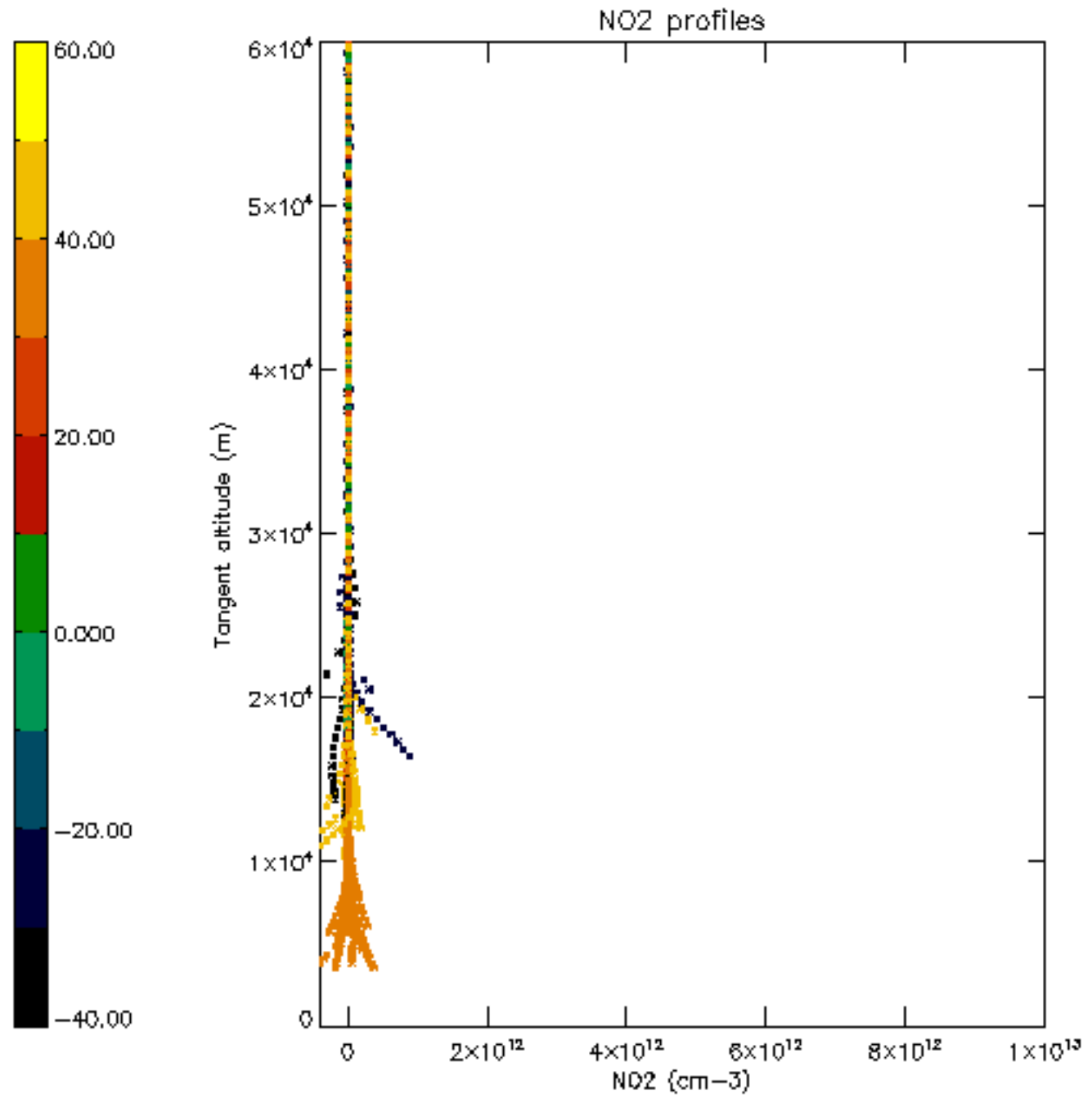


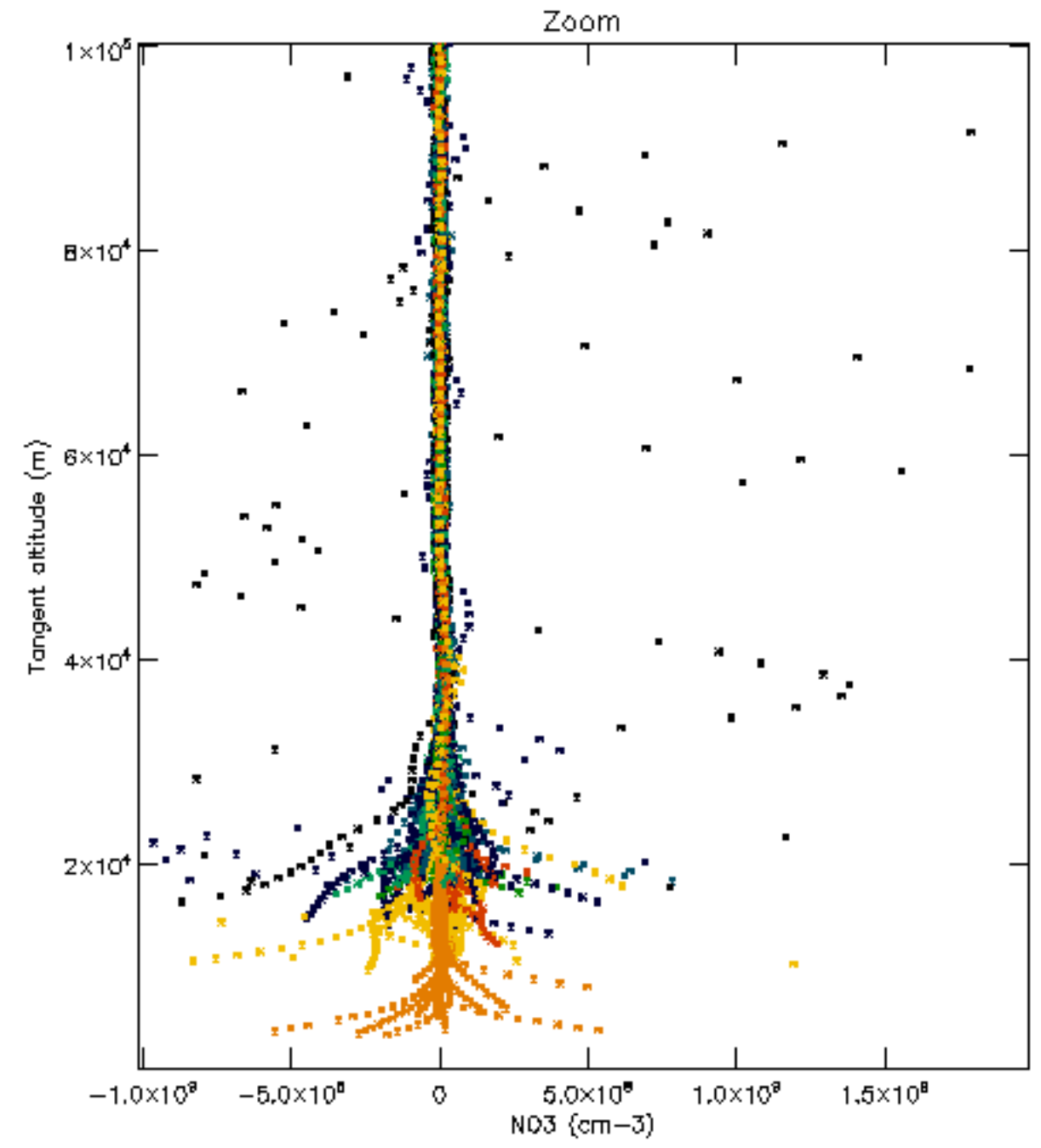
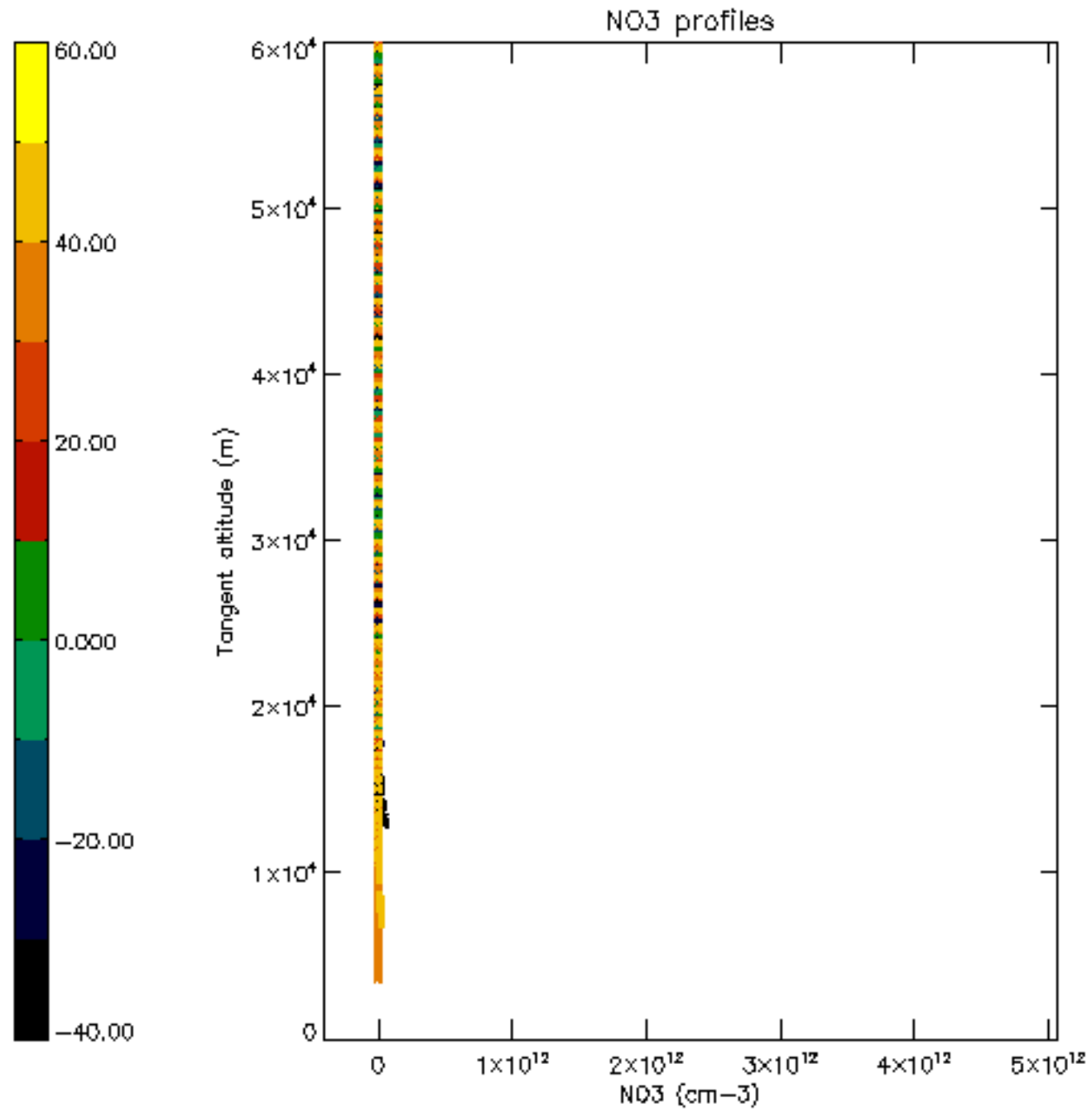


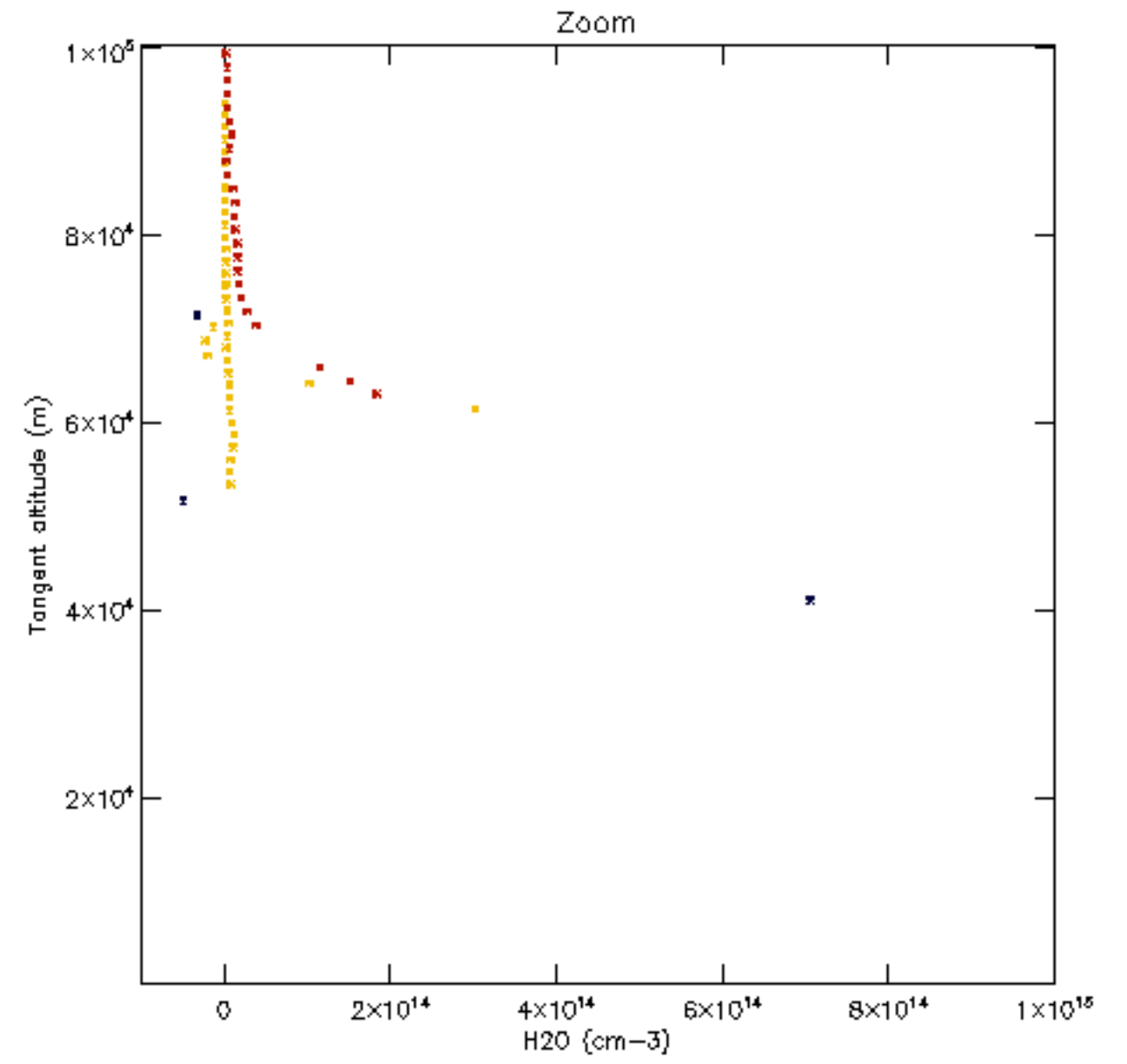
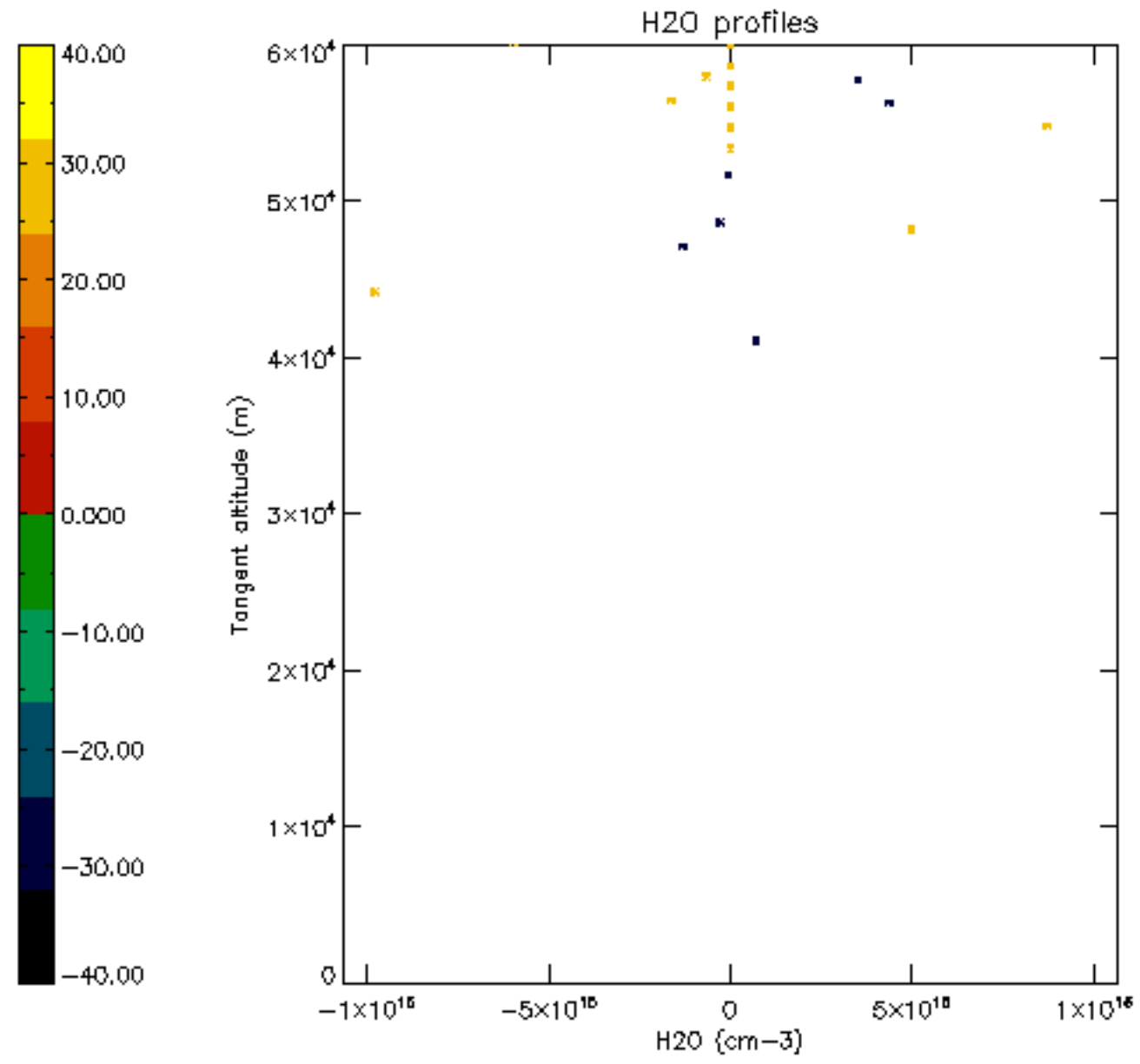




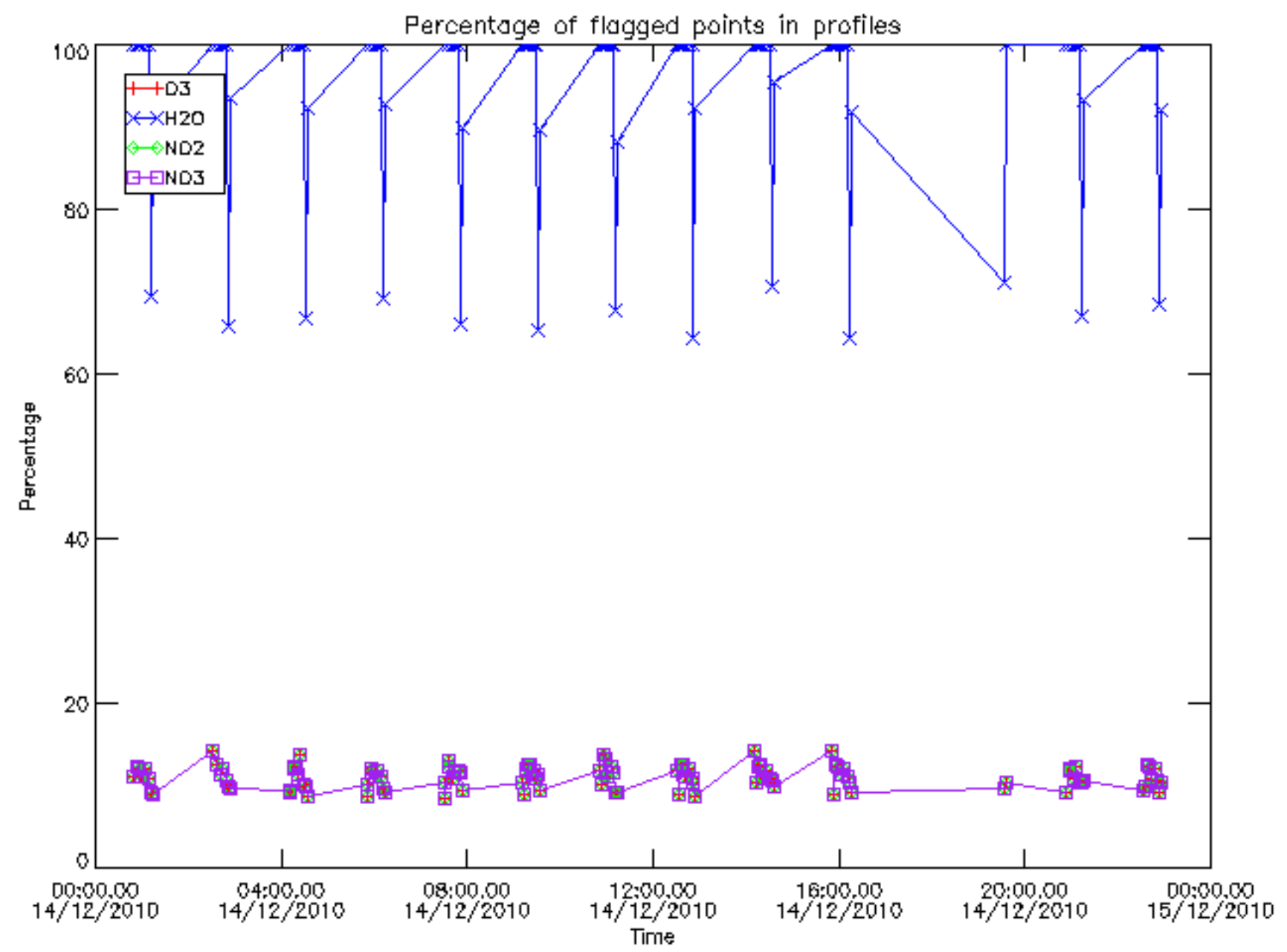




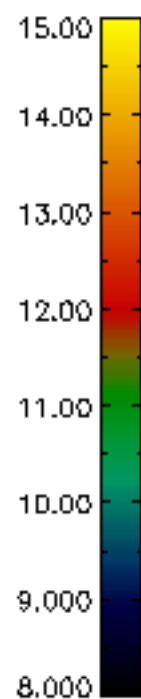
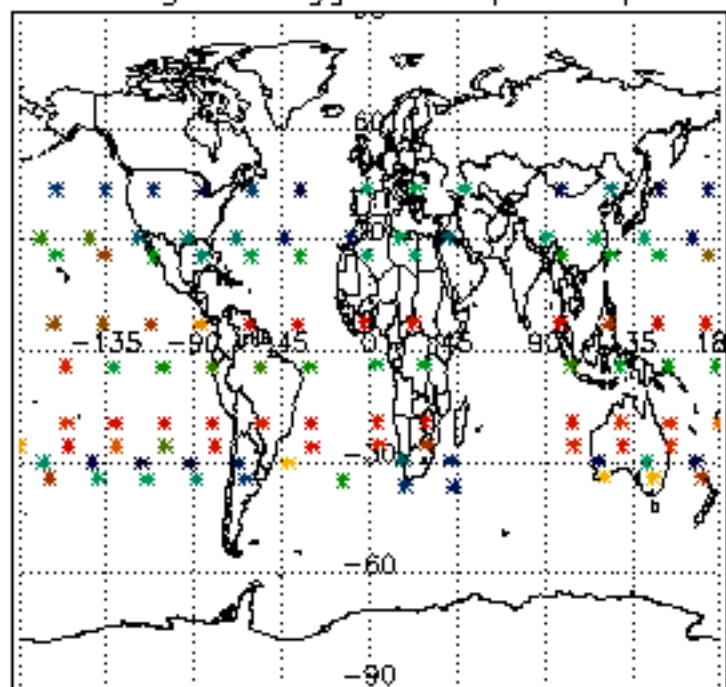




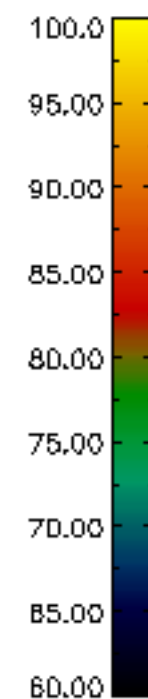
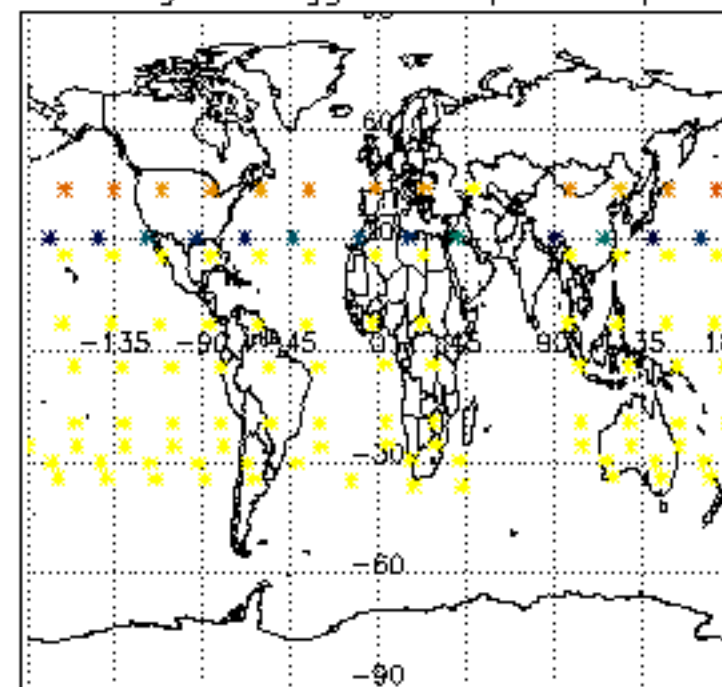




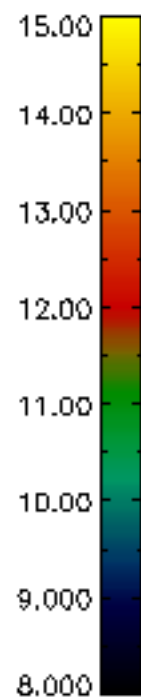
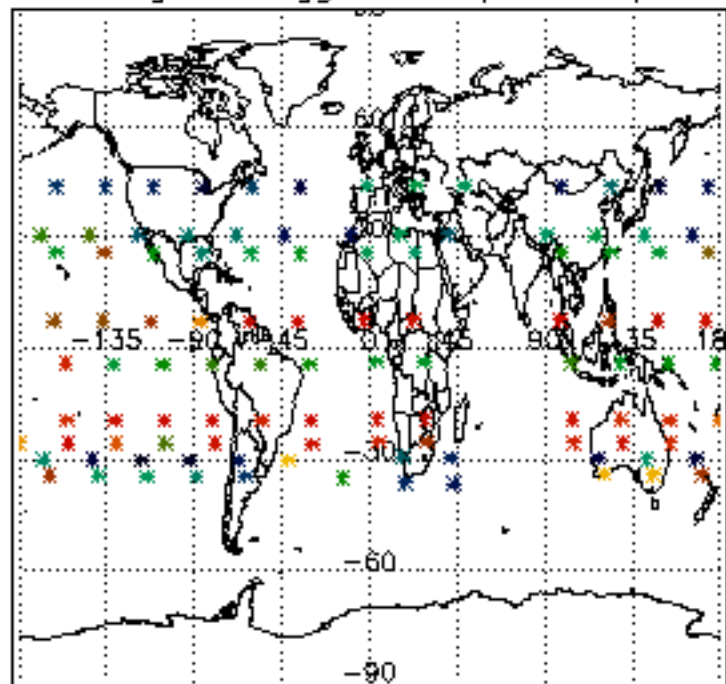
Percentage of flagged data per D3 profile



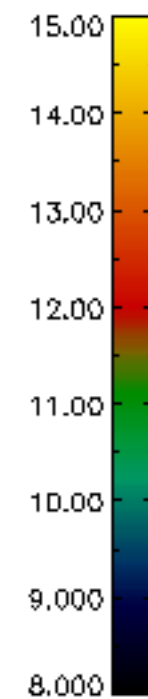
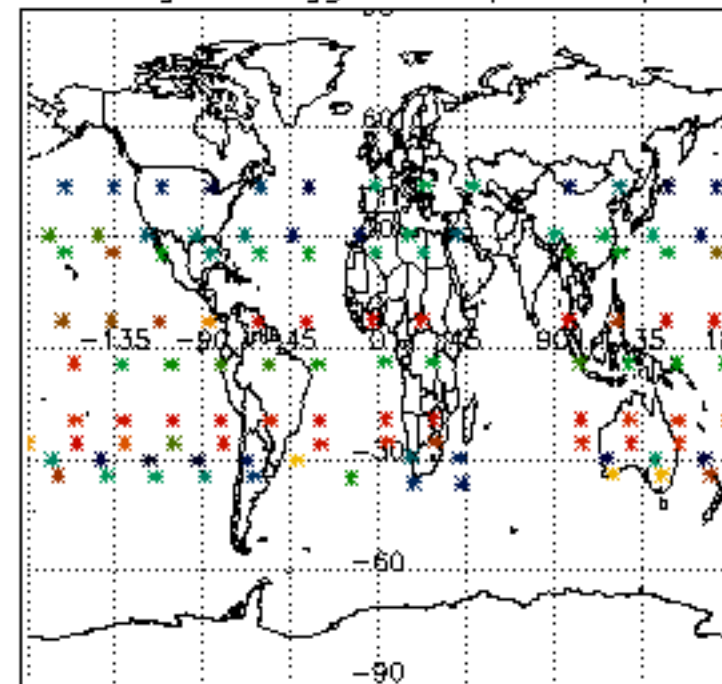
Percentage of flagged data per H2O profile

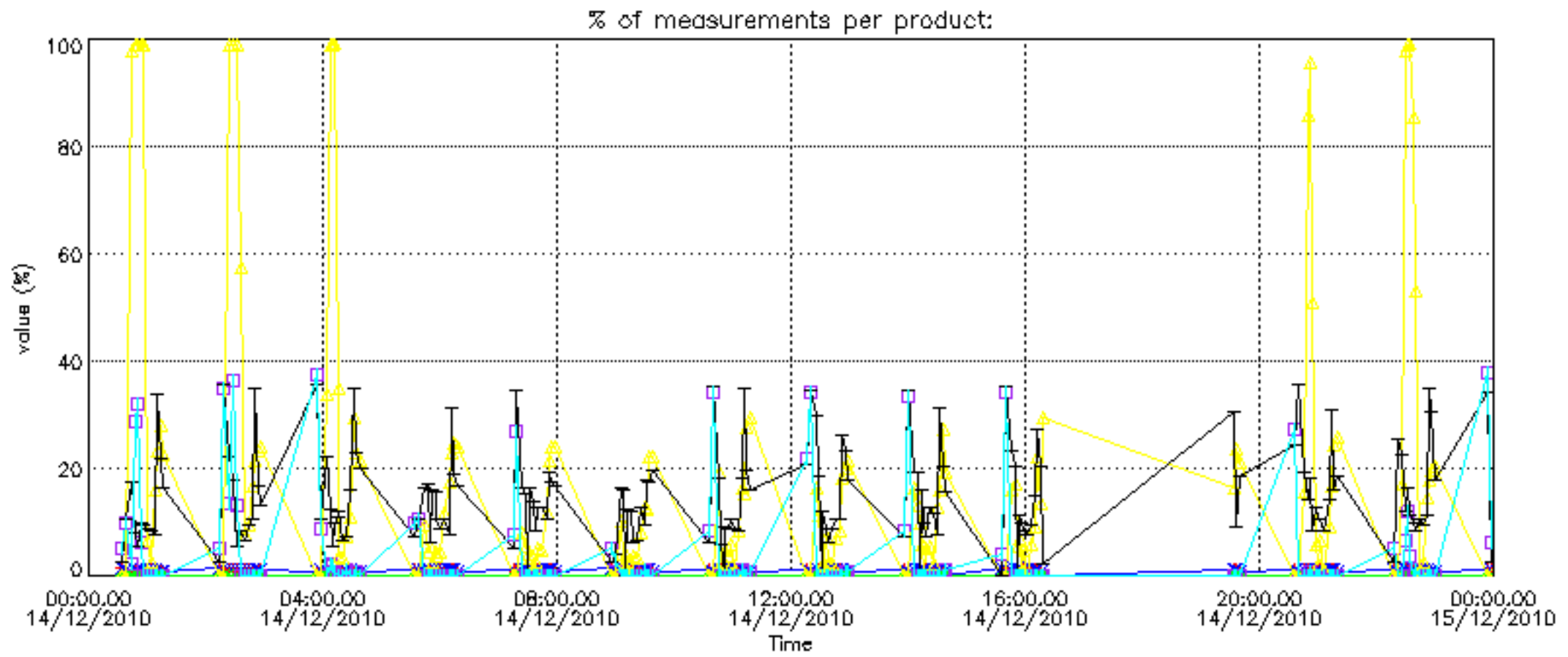


Percentage of flagged data per NO2 profile

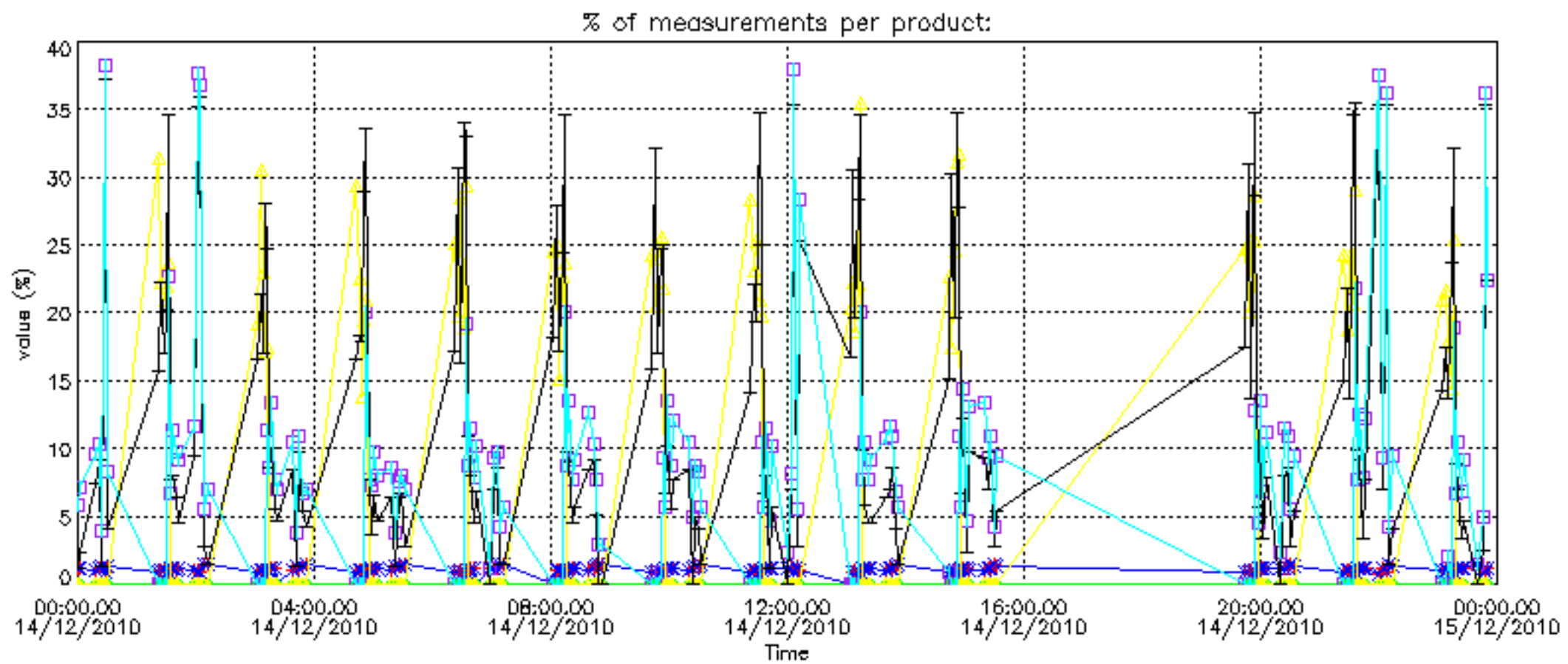


Percentage of flagged data per NO3 profile

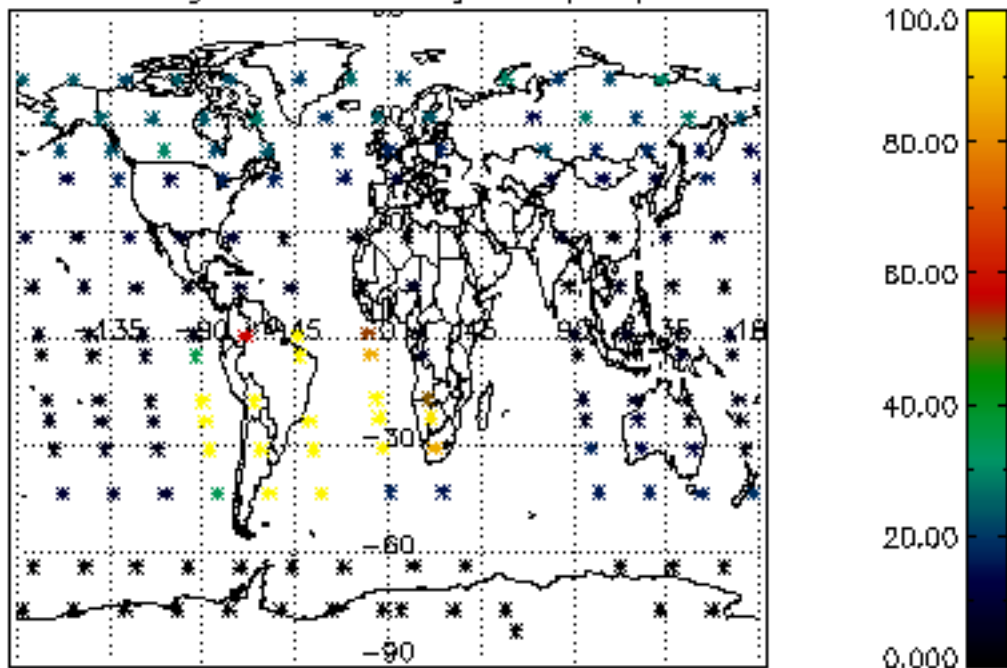




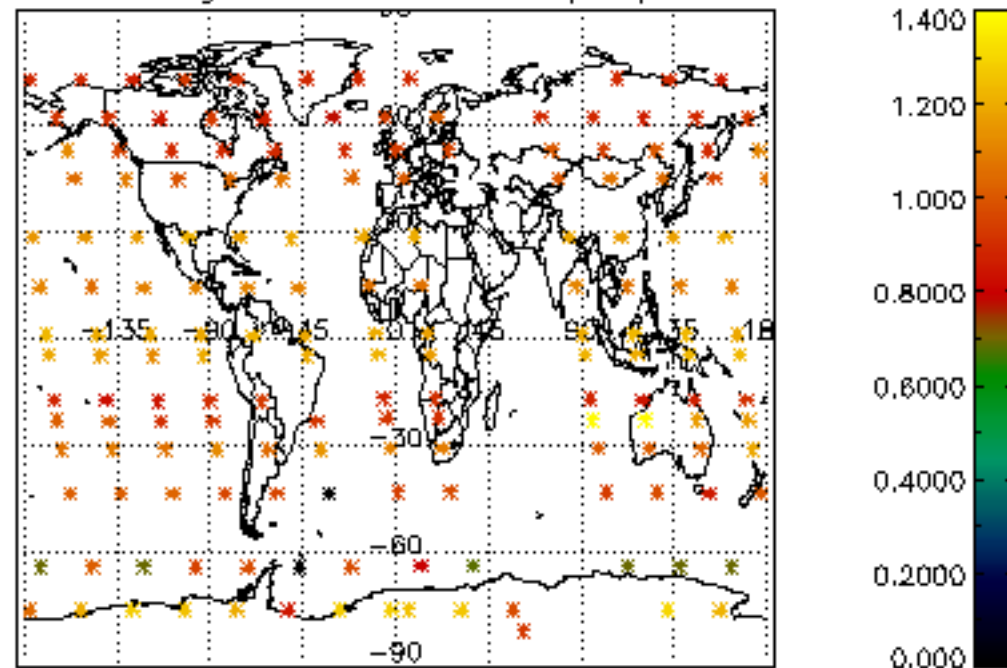




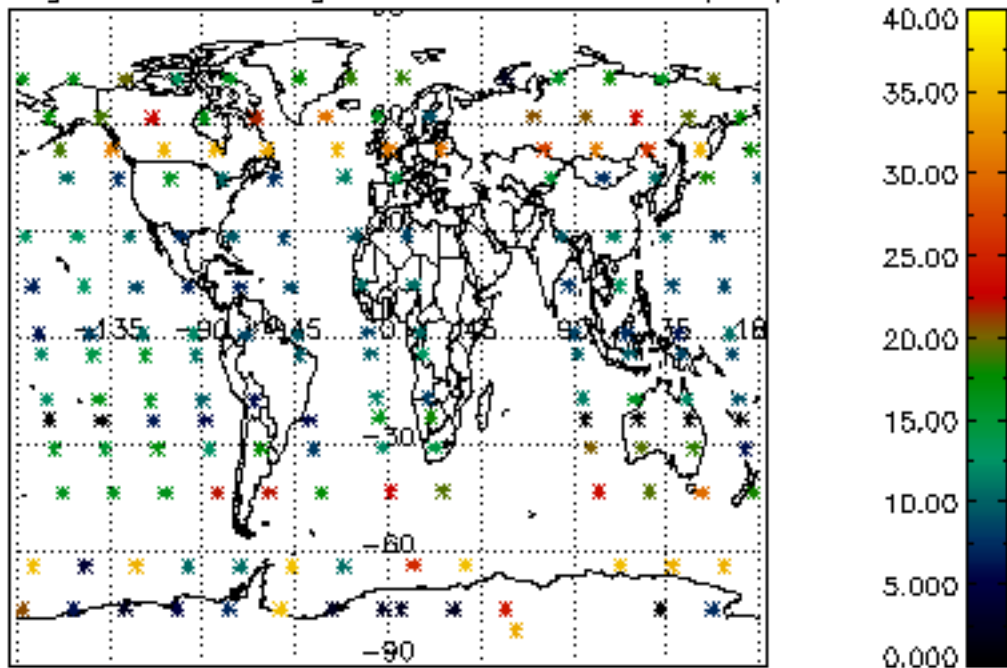
Percentage of cosmic ray hits per profile



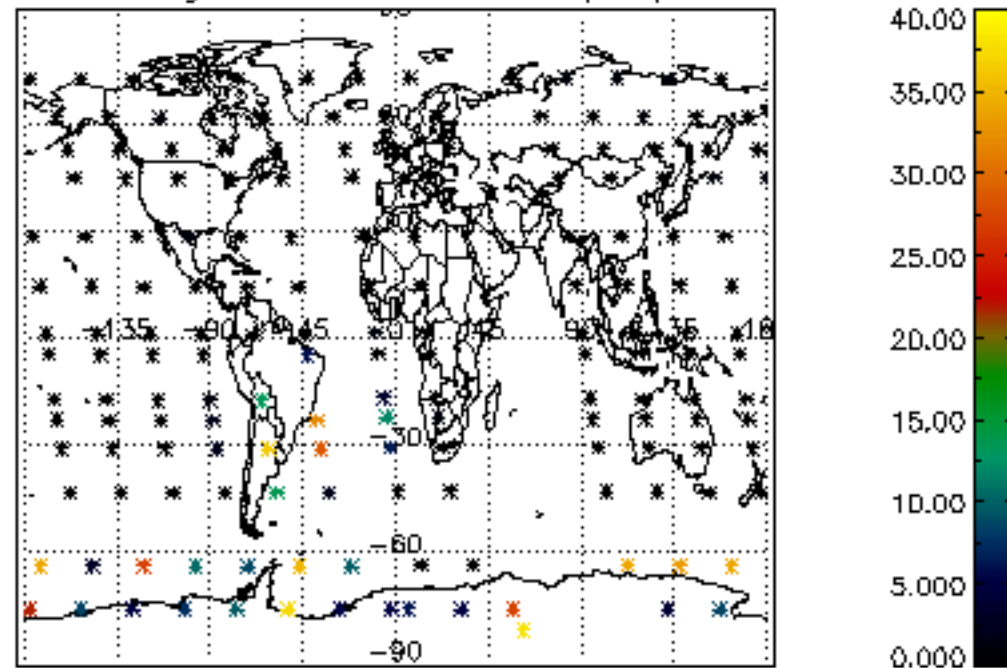
Percentage of datation errors per profile



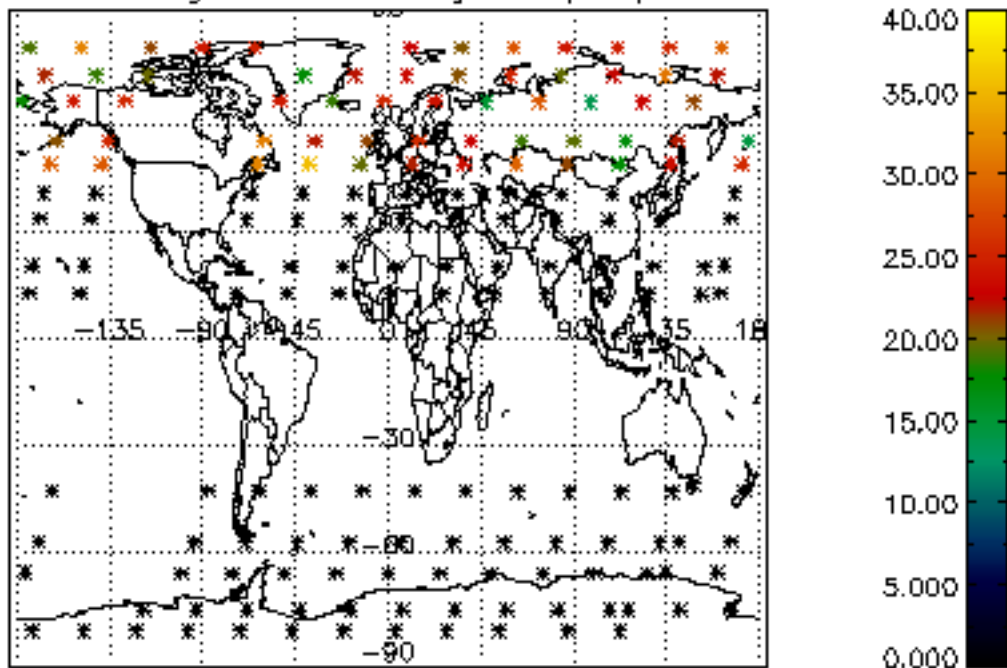
Percentage of star falling outside central band per profile



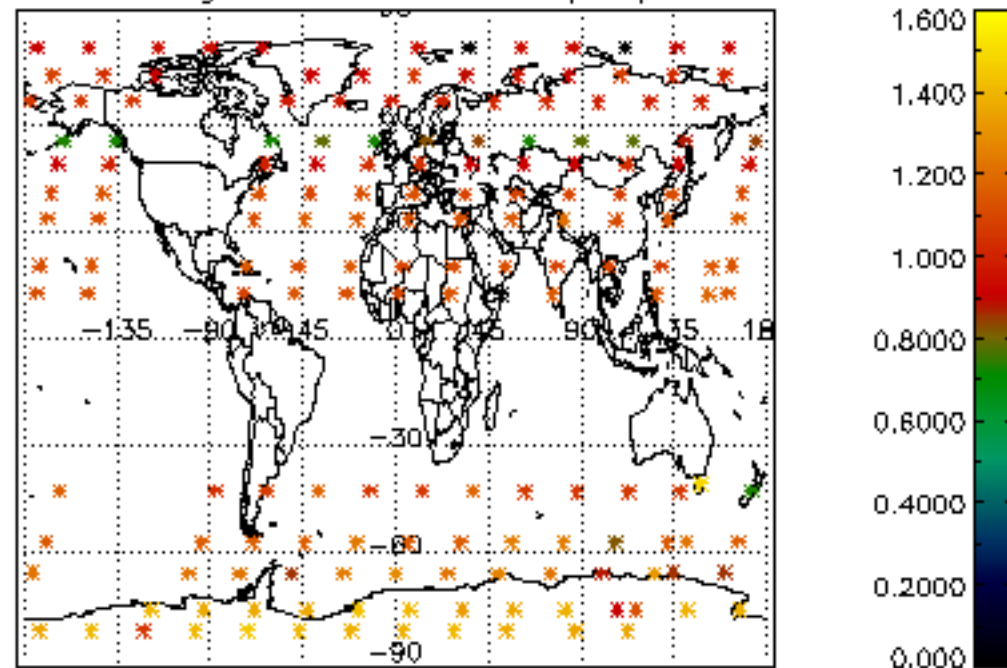
Percentage of saturation errors per profile



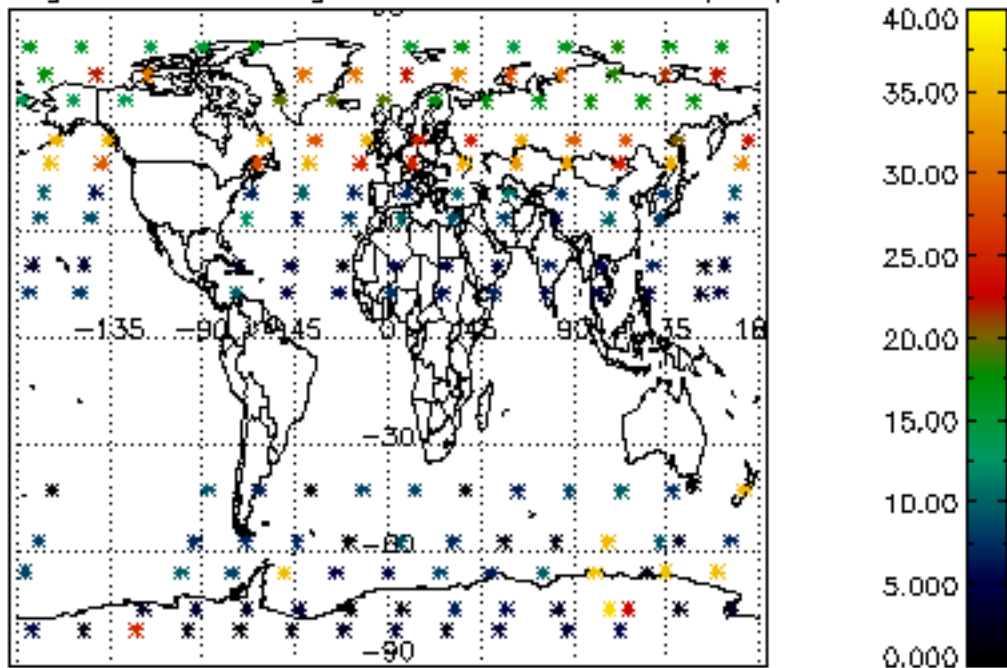
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

