

# 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	26APR2013 16:17:42
Data source version	GOMOS/6.01
Start time of products	13-01-2010 (13JAN2010 00:00:00)
Stop time of products	14-01-2010 (14JAN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	343
Nb of prods with errors	0

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100113_000528_000000322086_00016_41152_9820.N1	13-JAN-2010 00:05:28	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	41152	No
2	GOM_NL__2PRFIN20100113_000931_000000362086_00016_41152_9821.N1	13-JAN-2010 00:09:31	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	41152	No
3	GOM_NL__2PRFIN20100113_001346_000000382086_00016_41152_9822.N1	13-JAN-2010 00:13:46	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	41152	No
4	GOM_NL__2PRFIN20100113_002231_000000372086_00016_41152_9823.N1	13-JAN-2010 00:22:31	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	41152	No
5	GOM_NL__2PRFIN20100113_002442_000000612086_00016_41152_9824.N1	13-JAN-2010 00:24:42	Bright	61.000	67	5Alp CrB	2.2210	11000.	122	41152	No
6	GOM_NL__2PRFIN20100113_003056_000000592086_00016_41152_9825.N1	13-JAN-2010 00:30:56	Bright	58.500	102	24Alp Ser	2.6000	4250.0	117	41152	No
7	GOM_NL__2PRFIN20100113_003306_000000402086_00016_41152_9826.N1	13-JAN-2010 00:33:06	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	41152	No
8	GOM_NL__2PRFIN20100113_003635_000000492086_00016_41152_9827.N1	13-JAN-2010 00:36:35	Twilight	49.000	104	27Bet Lib	2.6140	13100.	98	41152	No
9	GOM_NL__2PRFIN20100113_003839_000000442086_00016_41152_9828.N1	13-JAN-2010 00:38:39	Twilight	44.000	80	7Del Sco	2.3160	30000.	88	41152	No
10	GOM_NL__2PRFIN20100113_004718_000000402086_00016_41152_9829.N1	13-JAN-2010 00:47:18	Dark	40.000	78	Alp Lup	2.3040	28000.	80	41152	No
11	GOM_NL__2PRFIN20100113_004915_000000432086_00017_41153_9812.N1	13-JAN-2010 00:49:15	Dark	42.500	95	Zet Cen	2.5450	26000.	85	41153	No
12	GOM_NL__2PRFIN20100113_005055_000000442086_00017_41153_9813.N1	13-JAN-2010 00:50:55	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41153	No
13	GOM_NL__2PRFIN20100113_005325_000000472086_00017_41153_9814.N1	13-JAN-2010 00:53:25	Dark	47.000	20	Bet Cru	1.2530	30000.	94	41153	No
14	GOM_NL__2PRFIN20100113_005736_000000382086_00017_41153_9815.N1	13-JAN-2010 00:57:36	Dark	38.000	124	The Car	2.7640	30000.	76	41153	No
15	GOM_NL__2PRFIN20100113_005921_000000462086_00017_41153_9816.N1	13-JAN-2010 00:59:21	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	41153	No
16	GOM_NL__2PRFIN20100113_010055_000000392086_00017_41153_9817.N1	13-JAN-2010 01:00:55	Dark	39.000	71	lot Car	2.2460	7700.0	78	41153	No
17	GOM_NL__2PRFIN20100113_010213_000000532086_00017_41153_9818.N1	13-JAN-2010 01:02:13	Dark	53.000	41	Eps Car	1.8600	4100.0	106	41153	No
18	GOM_NL__2PRFIN20100113_010742_000000452086_00017_41153_9819.N1	13-JAN-2010 01:07:42	Dark	45.000	70	Zet Pup	2.2460	39000.	90	41153	No
19	GOM_NL__2PRFIN20100113_010925_000000452086_00017_41153_9820.N1	13-JAN-2010 01:09:25	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41153	No
20	GOM_NL__2PRFIN20100113_011201_000000432086_00017_41153_9821.N1	13-JAN-2010 01:12:01	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41153	No
21	GOM_NL__2PRFIN20100113_011327_000000422086_00017_41153_9822.N1	13-JAN-2010 01:13:27	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	41153	No
22	GOM_NL__2PRFIN20100113_011542_000000482086_00017_41153_9823.N1	13-JAN-2010 01:15:42	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	41153	No
23	GOM_NL__2PRFIN20100113_012240_000000332086_00017_41153_9824.N1	13-JAN-2010 01:22:40	Twilight	33.000	8	10Alp CMi	0.40000	6500.0	66	41153	No
24	GOM_NL__2PRFIN20100113_012530_000000442086_00017_41153_9825.N1	13-JAN-2010 01:25:30	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	41153	No
25	GOM_NL__2PRFIN20100113_012713_000000442086_00017_41153_9826.N1	13-JAN-2010 01:27:13	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	41153	No
26	GOM_NL__2PRFIN20100113_013120_000000382086_00017_41153_9827.N1	13-JAN-2010 01:31:20	Bright	38.000	107	37The Aur	2.6490	11000.	76	41153	No
27	GOM_NL__2PRFIN20100113_013332_000000382086_00017_41153_9828.N1	13-JAN-2010 01:33:32	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41153	No
28	GOM_NL__2PRFIN20100113_014603_000000332086_00017_41153_9829.N1	13-JAN-2010 01:46:03	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	41153	No
29	GOM_NL__2PRFIN20100113_015007_000000402086_00017_41153_9830.N1	13-JAN-2010 01:50:07	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41153	No
30	GOM_NL__2PRFIN20100113_015422_000000392086_00017_41153_9831.N1	13-JAN-2010 01:54:22	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41153	No
31	GOM_NL__2PRFIN20100113_020307_000000532086_00017_41153_9832.N1	13-JAN-2010 02:03:07	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	41153	No
32	GOM_NL__2PRFIN20100113_020518_000000612086_00017_41153_9833.N1	13-JAN-2010 02:05:18	Bright	61.000	67	5Alp CrB	2.2210	11000.	122	41153	No
33	GOM_NL__2PRFIN20100113_021133_000000522086_00017_41153_9834.N1	13-JAN-2010 02:11:33	Bright	52.000	102	24Alp Ser	2.6000	4250.0	104	41153	No
34	GOM_NL__2PRFIN20100113_021342_000000552086_00017_41153_9835.N1	13-JAN-2010 02:13:42	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41153	No
35	GOM_NL__2PRFIN20100113_021712_000000462086_00017_41153_9836.N1	13-JAN-2010 02:17:12	Twilight	46.000	104	27Bet Lib	2.6140	13100.	92	41153	No
36	GOM_NL__2PRFIN20100113_021916_000000442086_00017_41153_9837.N1	13-JAN-2010 02:19:16	Twilight	43.500	80	7Del Sco	2.3160	30000.	87	41153	No
37	GOM_NL__2PRFIN20100113_022443_000000392086_00017_41153_9838.N1	13-JAN-2010 02:24:43	Dark	39.000	131	Gam Lup	2.8000	26000.	78	41153	No
38	GOM_NL__2PRFIN20100113_022624_000000392086_00017_41153_9839.N1	13-JAN-2010 02:26:24	Dark	38.500	109	Bet Lup	2.6770	26000.	77	41153	No
39	GOM_NL__2PRFIN20100113_022755_000000412086_00017_41153_9840.N1	13-JAN-2010 02:27:55	Dark	41.000	78	Alp Lup	2.3040	28000.	82	41153	No
40	GOM_NL__2PRFIN20100113_022951_000000462086_00018_41154_9821.N1	13-JAN-2010 02:29:51	Dark	46.000	95	Zet Cen	2.5450	26000.	92	41154	No
41	GOM_NL__2PRFIN20100113_023132_000000482086_00018_41154_9822.N1	13-JAN-2010 02:31:32	Dark	47.500	10	Bet Cen	0.61000	28000.	95	41154	No
42	GOM_NL__2PRFIN20100113_023402_000000422086_00018_41154_9823.N1	13-JAN-2010 02:34:02	Dark	41.500	20	Bet Cru	1.2530	30000.	83	41154	No

43	GOM_NL__2PRFIN20100113_023813_000000392086_00018_41154_9824.N1	13-JAN-2010 02:38:13	Dark	39.000	124	The Car	2.7640	30000.	78	41154	No
44	GOM_NL__2PRFIN20100113_023958_000000482086_00018_41154_9825.N1	13-JAN-2010 02:39:58	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	41154	No
45	GOM_NL__2PRFIN20100113_024131_000000432086_00018_41154_9826.N1	13-JAN-2010 02:41:31	Dark	42.500	71	lot Car	2.2460	7700.0	85	41154	No
46	GOM_NL__2PRFIN20100113_024250_000000462086_00018_41154_9827.N1	13-JAN-2010 02:42:50	Dark	46.000	41	Eps Car	1.8600	4100.0	92	41154	No
47	GOM_NL__2PRFIN20100113_024609_000000452086_00018_41154_9828.N1	13-JAN-2010 02:46:09	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	41154	No
48	GOM_NL__2PRFIN20100113_024818_000000422086_00018_41154_9829.N1	13-JAN-2010 02:48:18	Dark	42.000	70	Zet Pup	2.2460	39000.	84	41154	No
49	GOM_NL__2PRFIN20100113_025002_000000452086_00018_41154_9830.N1	13-JAN-2010 02:50:02	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	41154	No
50	GOM_NL__2PRFIN20100113_025237_000000442086_00018_41154_9831.N1	13-JAN-2010 02:52:37	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41154	No
51	GOM_NL__2PRFIN20100113_025403_000000422086_00018_41154_9832.N1	13-JAN-2010 02:54:03	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	41154	No
52	GOM_NL__2PRFIN20100113_025618_000000472086_00018_41154_9833.N1	13-JAN-2010 02:56:18	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	41154	No
53	GOM_NL__2PRFIN20100113_030316_000000382086_00018_41154_9834.N1	13-JAN-2010 03:03:16	Tw_i_and_stray	37.500	8	10Alp CMi	0.40000	6500.0	75	41154	No
54	GOM_NL__2PRFIN20100113_030606_000000442086_00018_41154_9835.N1	13-JAN-2010 03:06:06	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	41154	No
55	GOM_NL__2PRFIN20100113_030748_000000442086_00018_41154_9836.N1	13-JAN-2010 03:07:48	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	41154	No
56	GOM_NL__2PRFIN20100113_031156_000000372086_00018_41154_9837.N1	13-JAN-2010 03:11:56	Bright	36.500	107	37The Aur	2.6490	11000.	73	41154	No
57	GOM_NL__2PRFIN20100113_031408_000000382086_00018_41154_9838.N1	13-JAN-2010 03:14:08	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41154	No
58	GOM_NL__2PRFIN20100113_032639_000000332086_00018_41154_9839.N1	13-JAN-2010 03:26:39	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	41154	No
59	GOM_NL__2PRFIN20100113_033043_000000412086_00018_41154_9840.N1	13-JAN-2010 03:30:43	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41154	No
60	GOM_NL__2PRFIN20100113_033458_000000382086_00018_41154_9841.N1	13-JAN-2010 03:34:58	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	41154	No
61	GOM_NL__2PRFIN20100113_034343_000000532086_00018_41154_9842.N1	13-JAN-2010 03:43:43	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	41154	No
62	GOM_NL__2PRFIN20100113_034554_000000612086_00018_41154_9843.N1	13-JAN-2010 03:45:54	Bright	61.000	67	5Alp CrB	2.2210	11000.	122	41154	No
63	GOM_NL__2PRFIN20100113_035209_000000412086_00018_41154_9844.N1	13-JAN-2010 03:52:09	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	41154	No
64	GOM_NL__2PRFIN20100113_035419_000000552086_00018_41154_9845.N1	13-JAN-2010 03:54:19	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41154	No
65	GOM_NL__2PRFIN20100113_035748_000000472086_00018_41154_9846.N1	13-JAN-2010 03:57:48	Tw_i_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	41154	No
66	GOM_NL__2PRFIN20100113_035952_000000452086_00018_41154_9847.N1	13-JAN-2010 03:59:52	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	41154	No
67	GOM_NL__2PRFIN20100113_040700_000000392086_00018_41154_9848.N1	13-JAN-2010 04:07:00	Dark	39.000	109	Bet Lup	2.6770	26000.	78	41154	No
68	GOM_NL__2PRFIN20100113_040831_000000442086_00018_41154_9849.N1	13-JAN-2010 04:08:31	Dark	44.000	78	Alp Lup	2.3040	28000.	88	41154	No
69	GOM_NL__2PRFIN20100113_041028_000000422086_00019_41155_9850.N1	13-JAN-2010 04:10:28	Dark	42.000	95	Zet Cen	2.5450	26000.	84	41155	No
70	GOM_NL__2PRFIN20100113_041208_000000482086_00019_41155_9851.N1	13-JAN-2010 04:12:08	Dark	47.500	10	Bet Cen	0.61000	28000.	95	41155	No
71	GOM_NL__2PRFIN20100113_041438_000000412086_00019_41155_9852.N1	13-JAN-2010 04:14:38	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41155	No
72	GOM_NL__2PRFIN20100113_041849_000000382086_00019_41155_9853.N1	13-JAN-2010 04:18:49	Dark	37.500	124	The Car	2.7640	30000.	75	41155	No
73	GOM_NL__2PRFIN20100113_042035_000000472086_00019_41155_9854.N1	13-JAN-2010 04:20:35	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	41155	No
74	GOM_NL__2PRFIN20100113_042208_000000412086_00019_41155_9855.N1	13-JAN-2010 04:22:08	Dark	40.500	71	lot Car	2.2460	7700.0	81	41155	No
75	GOM_NL__2PRFIN20100113_042326_000000442086_00019_41155_9856.N1	13-JAN-2010 04:23:26	Dark	43.500	41	Eps Car	1.8600	4100.0	87	41155	No
76	GOM_NL__2PRFIN20100113_042854_000000432086_00019_41155_9857.N1	13-JAN-2010 04:28:54	Dark	42.500	70	Zet Pup	2.2460	39000.	85	41155	No
77	GOM_NL__2PRFIN20100113_043038_000000422086_00019_41155_9858.N1	13-JAN-2010 04:30:38	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	41155	No
78	GOM_NL__2PRFIN20100113_043313_000000422086_00019_41155_9859.N1	13-JAN-2010 04:33:13	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	41155	No
79	GOM_NL__2PRFIN20100113_043439_000000422086_00019_41155_9860.N1	13-JAN-2010 04:34:39	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	41155	No
80	GOM_NL__2PRFIN20100113_043654_000000482086_00019_41155_9861.N1	13-JAN-2010 04:36:54	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	41155	No
81	GOM_NL__2PRFIN20100113_044352_000000402086_00019_41155_9862.N1	13-JAN-2010 04:43:52	Tw_i_and_stray	40.000	8	10Alp CMi	0.40000	6500.0	80	41155	No
82	GOM_NL__2PRFIN20100113_044642_000000452086_00019_41155_9863.N1	13-JAN-2010 04:46:42	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	41155	No
83	GOM_NL__2PRFIN20100113_044824_000000542086_00019_41155_9864.N1	13-JAN-2010 04:48:24	Bright	54.000	151	13Mu Gem	2.8900	3000.0	108	41155	No
84	GOM_NL__2PRFIN20100113_045232_000000362086_00019_41155_9865.N1	13-JAN-2010 04:52:32	Bright	35.500	107	37The Aur	2.6490	11000.	71	41155	No
85	GOM_NL__2PRFIN20100113_045444_000000362086_00019_41155_9866.N1	13-JAN-2010 04:54:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	41155	No
86	GOM_NL__2PRFIN20100113_050715_000000382086_00019_41155_9867.N1	13-JAN-2010 05:07:15	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	41155	No
87	GOM_NL__2PRFIN20100113_051119_000000372086_00019_41155_9868.N1	13-JAN-2010 05:11:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41155	No
88	GOM_NL__2PRFIN20100113_051534_000000362086_00019_41155_9869.N1	13-JAN-2010 05:15:34	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	41155	No
89	GOM_NL__2PRFIN20100113_052419_000000532086_00019_41155_9870.N1	13-JAN-2010 05:24:19	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	41155	No
90	GOM_NL__2PRFIN20100113_052630_000000612086_00019_41155_9871.N1	13-JAN-2010 05:26:30	Bright	61.000	67	5Alp CrB	2.2210	11000.	122	41155	No
91	GOM_NL__2PRFIN20100113_053245_000000602086_00019_41155_9872.N1	13-JAN-2010 05:32:45	Bright	60.000	102	24Alp Ser	2.6000	4250.0	120	41155	No
92	GOM_NL__2PRFIN20100113_053455_000000552086_00019_41155_9873.N1	13-JAN-2010 05:34:55	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41155	No
93	GOM_NL__2PRFIN20100113_053825_000000482086_00019_41155_9874.N1	13-JAN-2010 05:38:25	Tw_i_and_stray	47.500	104	27Bet Lib	2.6140	13100.	95	41155	No
94	GOM_NL__2PRFIN20100113_054028_000000432086_00019_41155_9875.N1	13-JAN-2010 05:40:28	Tw_i_and_stray	43.000	80	7Del Sco	2.3160	30000.	86	41155	No
95	GOM_NL__2PRFIN20100113_054556_000000402086_00019_41155_9876.N1	13-JAN-2010 05:45:56	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41155	No
96	GOM_NL__2PRFIN20100113_054737_000000432086_00019_41155_9877.N1	13-JAN-2010 05:47:37	Dark	42.500	109	Bet Lup	2.6770	26000.	85	41155	No
97	GOM_NL__2PRFIN20100113_054908_000000412086_00019_41155_9878.N1	13-JAN-2010 05:49:08	Dark	41.000	78	Alp Lup	2.3040	28000.	82	41155	No
98	GOM_NL__2PRFIN20100113_055105_000000422086_00020_41156_9859.N1	13-JAN-2010 05:51:05	Dark	41.500	95	Zet Cen	2.5450	26000.	83	41156	No
99	GOM_NL__2PRFIN20100113_055244_000000472086_00020_41156_9860.N1	13-JAN-2010 05:52:44	Dark	46.500	10	Bet Cen	0.61000	28000.	93	41156	No
100	GOM_NL__2PRFIN20100113_055515_000000382086_00020_41156_9861.N1	13-JAN-2010 05:55:15	Dark	38.000	20	Bet Cru	1.2530	30000.	76	41156	No
101	GOM_NL__2PRFIN20100113_055926_000000402086_00020_41156_9862.N1	13-JAN-2010 05:59:26	Dark	39.500	124	The Car	2.7640	30000.	79	41156	No

102	GOM_NL__2PRFIN20100113_060112_000000472086_00020_41156_9863.N1	13-JAN-2010 06:01:12	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	41156	No
103	GOM_NL__2PRFIN20100113_060244_000000402086_00020_41156_9864.N1	13-JAN-2010 06:02:44	Dark	40.000	71	lot Car	2.2460	7700.0	80	41156	No
104	GOM_NL__2PRFIN20100113_060402_000000502086_00020_41156_9865.N1	13-JAN-2010 06:04:02	Dark	49.500	41	Eps Car	1.8600	4100.0	99	41156	No
105	GOM_NL__2PRFIN20100113_060722_000000462086_00020_41156_9866.N1	13-JAN-2010 06:07:22	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	41156	No
106	GOM_NL__2PRFIN20100113_060931_000000412086_00020_41156_9867.N1	13-JAN-2010 06:09:31	Dark	41.000	70	Zet Pup	2.2460	39000.	82	41156	No
107	GOM_NL__2PRFIN20100113_061114_000000462086_00020_41156_9868.N1	13-JAN-2010 06:11:14	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	41156	No
108	GOM_NL__2PRFIN20100113_061349_000000432086_00020_41156_9869.N1	13-JAN-2010 06:13:49	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41156	No
109	GOM_NL__2PRFIN20100113_061515_000000412086_00020_41156_9870.N1	13-JAN-2010 06:15:15	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41156	No
110	GOM_NL__2PRFIN20100113_061730_000000482086_00020_41156_9871.N1	13-JAN-2010 06:17:30	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	41156	No
111	GOM_NL__2PRFIN20100113_062428_000000482086_00020_41156_9872.N1	13-JAN-2010 06:24:28	Twi_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	41156	No
112	GOM_NL__2PRFIN20100113_062718_000000462086_00020_41156_9873.N1	13-JAN-2010 06:27:18	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	41156	No
113	GOM_NL__2PRFIN20100113_062900_000000382086_00020_41156_9874.N1	13-JAN-2010 06:29:00	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	41156	No
114	GOM_NL__2PRFIN20100113_063308_000000372086_00020_41156_9875.N1	13-JAN-2010 06:33:08	Bright	36.500	107	37The Aur	2.6490	11000.	73	41156	No
115	GOM_NL__2PRFIN20100113_063519_000000382086_00020_41156_9876.N1	13-JAN-2010 06:35:19	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	41156	No
116	GOM_NL__2PRFIN20100113_064751_000000412086_00020_41156_9877.N1	13-JAN-2010 06:47:51	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	41156	No
117	GOM_NL__2PRFIN20100113_065155_000000372086_00020_41156_9878.N1	13-JAN-2010 06:51:55	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41156	No
118	GOM_NL__2PRFIN20100113_065610_000000352086_00020_41156_9879.N1	13-JAN-2010 06:56:10	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	41156	No
119	GOM_NL__2PRFIN20100113_070455_000000532086_00020_41156_9880.N1	13-JAN-2010 07:04:55	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	41156	No
120	GOM_NL__2PRFIN20100113_070707_000000612086_00020_41156_9881.N1	13-JAN-2010 07:07:07	Bright	61.000	67	5Alp CrB	2.2210	11000.	122	41156	No
121	GOM_NL__2PRFIN20100113_071322_000000602086_00020_41156_9882.N1	13-JAN-2010 07:13:22	Bright	60.000	102	24Alp Ser	2.6000	4250.0	120	41156	No
122	GOM_NL__2PRFIN20100113_071531_000000552086_00020_41156_9883.N1	13-JAN-2010 07:15:31	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41156	No
123	GOM_NL__2PRFIN20100113_071902_000000452086_00020_41156_9884.N1	13-JAN-2010 07:19:02	Twi_and_stray	44.500	104	27Bet Lib	2.6140	13100.	89	41156	No
124	GOM_NL__2PRFIN20100113_072104_000000452086_00020_41156_9885.N1	13-JAN-2010 07:21:04	Twi_and_stray	44.500	80	7Del Sco	2.3160	30000.	89	41156	No
125	GOM_NL__2PRFIN20100113_072633_000000402086_00020_41156_9886.N1	13-JAN-2010 07:26:33	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41156	No
126	GOM_NL__2PRFIN20100113_072814_000000432086_00020_41156_9887.N1	13-JAN-2010 07:28:14	Dark	42.500	109	Bet Lup	2.6770	26000.	85	41156	No
127	GOM_NL__2PRFIN20100113_072944_000000432086_00020_41156_9888.N1	13-JAN-2010 07:29:44	Dark	43.000	78	Alp Lup	2.3040	28000.	86	41156	No
128	GOM_NL__2PRFIN20100113_073142_000000432086_00021_41157_9868.N1	13-JAN-2010 07:31:42	Dark	42.500	95	Zet Cen	2.5450	26000.	85	41157	No
129	GOM_NL__2PRFIN20100113_073321_000000442086_00021_41157_9869.N1	13-JAN-2010 07:33:21	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41157	No
130	GOM_NL__2PRFIN20100113_073552_000000392086_00021_41157_9870.N1	13-JAN-2010 07:35:52	Dark	39.000	20	Bet Cru	1.2530	30000.	78	41157	No
131	GOM_NL__2PRFIN20100113_074002_000000402086_00021_41157_9871.N1	13-JAN-2010 07:40:02	Dark	39.500	124	The Car	2.7640	30000.	79	41157	No
132	GOM_NL__2PRFIN20100113_074148_000000462086_00021_41157_9872.N1	13-JAN-2010 07:41:48	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	41157	No
133	GOM_NL__2PRFIN20100113_074320_000000402086_00021_41157_9873.N1	13-JAN-2010 07:43:20	Dark	40.000	71	lot Car	2.2460	7700.0	80	41157	No
134	GOM_NL__2PRFIN20100113_074438_000000412086_00021_41157_9874.N1	13-JAN-2010 07:44:38	Dark	40.500	41	Eps Car	1.8600	4100.0	81	41157	No
135	GOM_NL__2PRFIN20100113_074758_000000462086_00021_41157_9875.N1	13-JAN-2010 07:47:58	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	41157	No
136	GOM_NL__2PRFIN20100113_075007_000000432086_00021_41157_9876.N1	13-JAN-2010 07:50:07	Dark	43.000	70	Zet Pup	2.2460	39000.	86	41157	No
137	GOM_NL__2PRFIN20100113_075150_000000452086_00021_41157_9877.N1	13-JAN-2010 07:51:50	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	41157	No
138	GOM_NL__2PRFIN20100113_075425_000000442086_00021_41157_9878.N1	13-JAN-2010 07:54:25	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41157	No
139	GOM_NL__2PRFIN20100113_075551_000000412086_00021_41157_9879.N1	13-JAN-2010 07:55:51	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41157	No
140	GOM_NL__2PRFIN20100113_075806_000000462086_00021_41157_9880.N1	13-JAN-2010 07:58:06	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	41157	No
141	GOM_NL__2PRFIN20100113_080503_000000482086_00021_41157_9881.N1	13-JAN-2010 08:05:03	Twi_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	41157	No
142	GOM_NL__2PRFIN20100113_080754_000000452086_00021_41157_9882.N1	13-JAN-2010 08:07:54	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	41157	No
143	GOM_NL__2PRFIN20100113_080936_000000542086_00021_41157_9883.N1	13-JAN-2010 08:09:36	Bright	54.000	151	13Mu Gem	2.8900	3000.0	108	41157	No
144	GOM_NL__2PRFIN20100113_081344_000000362086_00021_41157_9884.N1	13-JAN-2010 08:13:44	Bright	36.000	107	37The Aur	2.6490	11000.	72	41157	No
145	GOM_NL__2PRFIN20100113_081555_000000372086_00021_41157_9885.N1	13-JAN-2010 08:15:55	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41157	No
146	GOM_NL__2PRFIN20100113_082827_000000342086_00021_41157_9886.N1	13-JAN-2010 08:28:27	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	41157	No
147	GOM_NL__2PRFIN20100113_083230_000000372086_00021_41157_9887.N1	13-JAN-2010 08:32:30	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41157	No
148	GOM_NL__2PRFIN20100113_083646_000000532086_00021_41157_9888.N1	13-JAN-2010 08:36:46	Bright	52.500	119	14Eta Dra	2.7270	4700.0	105	41157	No
149	GOM_NL__2PRFIN20100113_084531_000000362086_00021_41157_9889.N1	13-JAN-2010 08:45:31	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41157	No
150	GOM_NL__2PRFIN20100113_084743_000000612086_00021_41157_9890.N1	13-JAN-2010 08:47:43	Bright	61.000	67	5Alp CrB	2.2210	11000.	122	41157	No
151	GOM_NL__2PRFIN20100113_085358_000000602086_00021_41157_9891.N1	13-JAN-2010 08:53:58	Bright	60.000	102	24Alp Ser	2.6000	4250.0	120	41157	No
152	GOM_NL__2PRFIN20100113_085608_000000552086_00021_41157_9892.N1	13-JAN-2010 08:56:08	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41157	No
153	GOM_NL__2PRFIN20100113_085938_000000502086_00021_41157_9893.N1	13-JAN-2010 08:59:38	Twi_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	41157	No
154	GOM_NL__2PRFIN20100113_090141_000000452086_00021_41157_9894.N1	13-JAN-2010 09:01:41	Twi_and_stray	44.500	80	7Del Sco	2.3160	30000.	89	41157	No
155	GOM_NL__2PRFIN20100113_090709_000000402086_00021_41157_9895.N1	13-JAN-2010 09:07:09	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41157	No
156	GOM_NL__2PRFIN20100113_090850_000000402086_00021_41157_9896.N1	13-JAN-2010 09:08:50	Dark	39.500	109	Bet Lup	2.6770	26000.	79	41157	No
157	GOM_NL__2PRFIN20100113_091021_000000422086_00021_41157_9897.N1	13-JAN-2010 09:10:21	Dark	41.500	78	Alp Lup	2.3040	28000.	83	41157	No
158	GOM_NL__2PRFIN20100113_091218_000000452086_00022_41158_9877.N1	13-JAN-2010 09:12:18	Dark	45.000	95	Zet Cen	2.5450	26000.	90	41158	No
159	GOM_NL__2PRFIN20100113_091357_000000442086_00022_41158_9878.N1	13-JAN-2010 09:13:57	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41158	No
160	GOM_NL__2PRFIN20100113_091628_000000442086_00022_41158_9879.N1	13-JAN-2010 09:16:28	Dark	44.000	20	Bet Cru	1.2530	30000.	88	41158	No

161	GOM_NL__2PRFIN20100113_092038_000000392086_00022_41158_9880.N1	13-JAN-2010 09:20:38	Dark	38.500	124	The Car	2.7640	30000.	77	41158	No
162	GOM_NL__2PRFIN20100113_092225_000000472086_00022_41158_9881.N1	13-JAN-2010 09:22:25	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	41158	No
163	GOM_NL__2PRFIN20100113_092357_000000442086_00022_41158_9882.N1	13-JAN-2010 09:23:57	Dark	43.500	71	lot Car	2.2460	7700.0	87	41158	No
164	GOM_NL__2PRFIN20100113_092515_000000472086_00022_41158_9883.N1	13-JAN-2010 09:25:15	Dark	46.500	41	Eps Car	1.8600	4100.0	93	41158	No
165	GOM_NL__2PRFIN20100113_092834_000000452086_00022_41158_9884.N1	13-JAN-2010 09:28:34	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	41158	No
166	GOM_NL__2PRFIN20100113_093043_000000442086_00022_41158_9885.N1	13-JAN-2010 09:30:43	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41158	No
167	GOM_NL__2PRFIN20100113_093226_000000432086_00022_41158_9886.N1	13-JAN-2010 09:32:26	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41158	No
168	GOM_NL__2PRFIN20100113_093501_000000442086_00022_41158_9887.N1	13-JAN-2010 09:35:01	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41158	No
169	GOM_NL__2PRFIN20100113_093627_000000422086_00022_41158_9888.N1	13-JAN-2010 09:36:27	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	41158	No
170	GOM_NL__2PRFIN20100113_093842_000000472086_00022_41158_9889.N1	13-JAN-2010 09:38:42	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	41158	No
171	GOM_NL__2PRFIN20100113_094539_000000522086_00022_41158_9890.N1	13-JAN-2010 09:45:39	Tw_i_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	41158	No
172	GOM_NL__2PRFIN20100113_094829_000000432086_00022_41158_9891.N1	13-JAN-2010 09:48:29	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	41158	No
173	GOM_NL__2PRFIN20100113_095012_000000432086_00022_41158_9892.N1	13-JAN-2010 09:50:12	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	41158	No
174	GOM_NL__2PRFIN20100113_095419_000000372086_00022_41158_9893.N1	13-JAN-2010 09:54:19	Bright	37.000	107	37The Aur	2.6490	11000.	74	41158	No
175	GOM_NL__2PRFIN20100113_095631_000000382086_00022_41158_9894.N1	13-JAN-2010 09:56:31	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41158	No
176	GOM_NL__2PRFIN20100113_100903_000000362086_00022_41158_9895.N1	13-JAN-2010 10:09:03	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	41158	No
177	GOM_NL__2PRFIN20100113_101306_000000442086_00022_41158_9896.N1	13-JAN-2010 10:13:06	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	41158	No
178	GOM_NL__2PRFIN20100113_101721_000000412086_00022_41158_9897.N1	13-JAN-2010 10:17:21	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	41158	No
179	GOM_NL__2PRFIN20100113_102607_000000362086_00022_41158_9898.N1	13-JAN-2010 10:26:07	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	41158	No
180	GOM_NL__2PRFIN20100113_102819_000000612086_00022_41158_9899.N1	13-JAN-2010 10:28:19	Bright	61.000	67	5Alp CrB	2.2210	11000.	122	41158	No
181	GOM_NL__2PRFIN20100113_103435_000000602086_00022_41158_9900.N1	13-JAN-2010 10:34:35	Bright	60.000	102	24Alp Ser	2.6000	4250.0	120	41158	No
182	GOM_NL__2PRFIN20100113_103644_000000402086_00022_41158_9901.N1	13-JAN-2010 10:36:44	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	41158	No
183	GOM_NL__2PRFIN20100113_104015_000000492086_00022_41158_9902.N1	13-JAN-2010 10:40:15	Tw_i_and_stray	49.000	104	27Bet Lib	2.6140	13100.	98	41158	No
184	GOM_NL__2PRFIN20100113_104217_000000422086_00022_41158_9903.N1	13-JAN-2010 10:42:17	Tw_i_and_stray	41.500	80	7Del Sco	2.3160	30000.	83	41158	No
185	GOM_NL__2PRFIN20100113_104745_000000392086_00022_41158_9904.N1	13-JAN-2010 10:47:45	Dark	38.500	131	Gam Lup	2.8000	26000.	77	41158	No
186	GOM_NL__2PRFIN20100113_104927_000000392086_00022_41158_9905.N1	13-JAN-2010 10:49:27	Dark	38.500	109	Bet Lup	2.6770	26000.	77	41158	No
187	GOM_NL__2PRFIN20100113_105058_000000432086_00022_41158_9906.N1	13-JAN-2010 10:50:58	Dark	43.000	78	Alp Lup	2.3040	28000.	86	41158	No
188	GOM_NL__2PRFIN20100113_105255_000000432086_00023_41159_9888.N1	13-JAN-2010 10:52:55	Dark	43.000	95	Zet Cen	2.5450	26000.	86	41159	No
189	GOM_NL__2PRFIN20100113_105433_000000432086_00023_41159_9889.N1	13-JAN-2010 10:54:33	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41159	No
190	GOM_NL__2PRFIN20100113_105705_000000442086_00023_41159_9890.N1	13-JAN-2010 10:57:05	Dark	44.000	20	Bet Cru	1.2530	30000.	88	41159	No
191	GOM_NL__2PRFIN20100113_110115_000000392086_00023_41159_9891.N1	13-JAN-2010 11:01:15	Dark	38.500	124	The Car	2.7640	30000.	77	41159	No
192	GOM_NL__2PRFIN20100113_110302_000000462086_00023_41159_9892.N1	13-JAN-2010 11:03:02	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	41159	No
193	GOM_NL__2PRFIN20100113_110433_000000482086_00023_41159_9893.N1	13-JAN-2010 11:04:33	Dark	47.500	71	lot Car	2.2460	7700.0	95	41159	No
194	GOM_NL__2PRFIN20100113_110551_000000502086_00023_41159_9894.N1	13-JAN-2010 11:05:51	Dark	49.500	41	Eps Car	1.8600	4100.0	99	41159	No
195	GOM_NL__2PRFIN20100113_110910_000000392086_00023_41159_9895.N1	13-JAN-2010 11:09:10	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	41159	No
196	GOM_NL__2PRFIN20100113_111120_000000422086_00023_41159_9896.N1	13-JAN-2010 11:11:20	Dark	41.500	70	Zet Pup	2.2460	39000.	83	41159	No
197	GOM_NL__2PRFIN20100113_111303_000000452086_00023_41159_9897.N1	13-JAN-2010 11:13:03	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41159	No
198	GOM_NL__2PRFIN20100113_111538_000000442086_00023_41159_9898.N1	13-JAN-2010 11:15:38	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	41159	No
199	GOM_NL__2PRFIN20100113_111703_000000402086_00023_41159_9899.N1	13-JAN-2010 11:17:03	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	41159	No
200	GOM_NL__2PRFIN20100113_111918_000000462086_00023_41159_9900.N1	13-JAN-2010 11:19:18	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	41159	No
201	GOM_NL__2PRFIN20100113_112615_000000412086_00023_41159_9901.N1	13-JAN-2010 11:26:15	Tw_i_and_stray	40.500	8	10Alp CMi	0.40000	6500.0	81	41159	No
202	GOM_NL__2PRFIN20100113_155623_000000402086_00026_41162_9918.N1	13-JAN-2010 15:56:23	Dark	39.500	10	Bet Cen	0.61000	28000.	79	41162	No
203	GOM_NL__2PRFIN20100113_155854_000000452086_00026_41162_9919.N1	13-JAN-2010 15:58:54	Dark	44.500	20	Bet Cru	1.2530	30000.	89	41162	No
204	GOM_NL__2PRFIN20100113_160304_000000402086_00026_41162_9920.N1	13-JAN-2010 16:03:04	Dark	39.500	124	The Car	2.7640	30000.	79	41162	No
205	GOM_NL__2PRFIN20100113_160431_000000382086_00026_41162_9921.N1	13-JAN-2010 16:04:31	Dark	37.500	159	Ups Car	2.9200	7200.0	75	41162	No
206	GOM_NL__2PRFIN20100113_160622_000000422086_00026_41162_9922.N1	13-JAN-2010 16:06:22	Dark	41.500	71	lot Car	2.2460	7700.0	83	41162	No
207	GOM_NL__2PRFIN20100113_160740_000000422086_00026_41162_9923.N1	13-JAN-2010 16:07:40	Dark	42.000	41	Eps Car	1.8600	4100.0	84	41162	No
208	GOM_NL__2PRFIN20100113_161059_000000422086_00026_41162_9924.N1	13-JAN-2010 16:10:59	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41162	No
209	GOM_NL__2PRFIN20100113_161308_000000432086_00026_41162_9925.N1	13-JAN-2010 16:13:08	Dark	43.000	70	Zet Pup	2.2460	39000.	86	41162	No
210	GOM_NL__2PRFIN20100113_161451_000000432086_00026_41162_9926.N1	13-JAN-2010 16:14:51	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41162	No
211	GOM_NL__2PRFIN20100113_161726_000000432086_00026_41162_9927.N1	13-JAN-2010 16:17:26	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41162	No
212	GOM_NL__2PRFIN20100113_161852_000000402086_00026_41162_9928.N1	13-JAN-2010 16:18:52	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	41162	No
213	GOM_NL__2PRFIN20100113_162106_000000472086_00026_41162_9929.N1	13-JAN-2010 16:21:06	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	41162	No
214	GOM_NL__2PRFIN20100113_162802_000000542086_00026_41162_9930.N1	13-JAN-2010 16:28:02	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	41162	No
215	GOM_NL__2PRFIN20100113_163053_000000472086_00026_41162_9931.N1	13-JAN-2010 16:30:53	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	41162	No
216	GOM_NL__2PRFIN20100113_163235_000000452086_00026_41162_9932.N1	13-JAN-2010 16:32:35	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	41162	No
217	GOM_NL__2PRFIN20100113_163643_000000362086_00026_41162_9933.N1	13-JAN-2010 16:36:43	Bright	35.500	107	37The Aur	2.6490	11000.	71	41162	No
218	GOM_NL__2PRFIN20100113_163854_000000532086_00026_41162_9934.N1	13-JAN-2010 16:38:54	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	41162	No
219	GOM_NL__2PRFIN20100113_165126_000000392086_00026_41162_9935.N1	13-JAN-2010 16:51:26	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	41162	No

220	GOM_NL__2PRFIN20100113_165529_000000552086_00026_41162_9936.N1	13-JAN-2010 16:55:29	Bright	55.000	60	7Bet UMi	2.0810	3950.0	110	41162	No
221	GOM_NL__2PRFIN20100113_165945_000000392086_00026_41162_9937.N1	13-JAN-2010 16:59:45	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41162	No
222	GOM_NL__2PRFIN20100113_170832_000000362086_00026_41162_9938.N1	13-JAN-2010 17:08:32	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	41162	No
223	GOM_NL__2PRFIN20100113_171044_000000402086_00026_41162_9939.N1	13-JAN-2010 17:10:44	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	41162	No
224	GOM_NL__2PRFIN20100113_171700_000000602086_00026_41162_9940.N1	13-JAN-2010 17:17:00	Bright	60.000	102	24Alp Ser	2.6000	4250.0	120	41162	No
225	GOM_NL__2PRFIN20100113_171909_000000552086_00026_41162_9941.N1	13-JAN-2010 17:19:09	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41162	No
226	GOM_NL__2PRFIN20100113_172033_000000532086_00026_41162_9942.N1	13-JAN-2010 17:20:33	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41162	No
227	GOM_NL__2PRFIN20100113_172242_000000482086_00026_41162_9943.N1	13-JAN-2010 17:22:42	Twi_and_stray	47.500	104	27Bet Lib	2.6140	13100.	95	41162	No
228	GOM_NL__2PRFIN20100113_172443_000000452086_00026_41162_9944.N1	13-JAN-2010 17:24:43	Twi_and_stray	44.500	80	7Del Sco	2.3160	30000.	89	41162	No
229	GOM_NL__2PRFIN20100113_173011_000000382086_00026_41162_9945.N1	13-JAN-2010 17:30:11	Dark	38.000	131	Gam Lup	2.8000	26000.	76	41162	No
230	GOM_NL__2PRFIN20100113_173153_000000422086_00026_41162_9946.N1	13-JAN-2010 17:31:53	Dark	42.000	109	Bet Lup	2.6770	26000.	84	41162	No
231	GOM_NL__2PRFIN20100113_173324_000000392086_00026_41162_9947.N1	13-JAN-2010 17:33:24	Dark	39.000	78	Alp Lup	2.3040	28000.	78	41162	No
232	GOM_NL__2PRFIN20100113_173522_000000412086_00027_41163_9928.N1	13-JAN-2010 17:35:22	Dark	41.000	95	Zet Cen	2.5450	26000.	82	41163	No
233	GOM_NL__2PRFIN20100113_173700_000000482086_00027_41163_9929.N1	13-JAN-2010 17:37:00	Dark	47.500	10	Bet Cen	0.61000	28000.	95	41163	No
234	GOM_NL__2PRFIN20100113_173931_000000512086_00027_41163_9930.N1	13-JAN-2010 17:39:31	Dark	50.500	20	Bet Cru	1.2530	30000.	101	41163	No
235	GOM_NL__2PRFIN20100113_174341_000000382086_00027_41163_9931.N1	13-JAN-2010 17:43:41	Dark	37.500	124	The Car	2.7640	30000.	75	41163	No
236	GOM_NL__2PRFIN20100113_174508_000000402086_00027_41163_9932.N1	13-JAN-2010 17:45:08	Dark	40.000	159	Ups Car	2.9200	7200.0	80	41163	No
237	GOM_NL__2PRFIN20100113_174659_000000472086_00027_41163_9933.N1	13-JAN-2010 17:46:59	Dark	46.500	71	lot Car	2.2460	7700.0	93	41163	No
238	GOM_NL__2PRFIN20100113_174816_000000522086_00027_41163_9934.N1	13-JAN-2010 17:48:16	Dark	51.500	41	Eps Car	1.8600	4100.0	103	41163	No
239	GOM_NL__2PRFIN20100113_175345_000000432086_00027_41163_9935.N1	13-JAN-2010 17:53:45	Dark	43.000	70	Zet Pup	2.2460	39000.	86	41163	No
240	GOM_NL__2PRFIN20100113_175527_000000452086_00027_41163_9936.N1	13-JAN-2010 17:55:27	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	41163	No
241	GOM_NL__2PRFIN20100113_175802_000000452086_00027_41163_9937.N1	13-JAN-2010 17:58:02	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	41163	No
242	GOM_NL__2PRFIN20100113_175928_000000422086_00027_41163_9938.N1	13-JAN-2010 17:59:28	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	41163	No
243	GOM_NL__2PRFIN20100113_180143_000000462086_00027_41163_9939.N1	13-JAN-2010 18:01:43	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	41163	No
244	GOM_NL__2PRFIN20100113_180838_000000542086_00027_41163_9940.N1	13-JAN-2010 18:08:38	Twi_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	41163	No
245	GOM_NL__2PRFIN20100113_181128_000000462086_00027_41163_9941.N1	13-JAN-2010 18:11:28	Bright	45.500	44	24Gam Gem	1.9280	11000.	91	41163	No
246	GOM_NL__2PRFIN20100113_181311_000000452086_00027_41163_9942.N1	13-JAN-2010 18:13:11	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	41163	No
247	GOM_NL__2PRFIN20100113_181719_000000362086_00027_41163_9943.N1	13-JAN-2010 18:17:19	Bright	35.500	107	37The Aur	2.6490	11000.	71	41163	No
248	GOM_NL__2PRFIN20100113_181930_000000382086_00027_41163_9944.N1	13-JAN-2010 18:19:30	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41163	No
249	GOM_NL__2PRFIN20100113_183203_000000382086_00027_41163_9945.N1	13-JAN-2010 18:32:03	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	41163	No
250	GOM_NL__2PRFIN20100113_183605_000000442086_00027_41163_9946.N1	13-JAN-2010 18:36:05	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	41163	No
251	GOM_NL__2PRFIN20100113_184021_000000452086_00027_41163_9947.N1	13-JAN-2010 18:40:21	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	41163	No
252	GOM_NL__2PRFIN20100113_184908_000000342086_00027_41163_9948.N1	13-JAN-2010 18:49:08	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	41163	No
253	GOM_NL__2PRFIN20100113_185120_000000622086_00027_41163_9949.N1	13-JAN-2010 18:51:20	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41163	No
254	GOM_NL__2PRFIN20100113_185737_000000602086_00027_41163_9950.N1	13-JAN-2010 18:57:37	Bright	60.000	102	24Alp Ser	2.6000	4250.0	120	41163	No
255	GOM_NL__2PRFIN20100113_185946_000000552086_00027_41163_9951.N1	13-JAN-2010 18:59:46	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41163	No
256	GOM_NL__2PRFIN20100113_190110_000000532086_00027_41163_9952.N1	13-JAN-2010 19:01:10	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41163	No
257	GOM_NL__2PRFIN20100113_190319_000000482086_00027_41163_9953.N1	13-JAN-2010 19:03:19	Twi_and_stray	47.500	104	27Bet Lib	2.6140	13100.	95	41163	No
258	GOM_NL__2PRFIN20100113_190520_000000442086_00027_41163_9954.N1	13-JAN-2010 19:05:20	Twi_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	41163	No
259	GOM_NL__2PRFIN20100113_191047_000000402086_00027_41163_9955.N1	13-JAN-2010 19:10:47	Dark	39.500	131	Gam Lup	2.8000	26000.	79	41163	No
260	GOM_NL__2PRFIN20100113_191230_000000422086_00027_41163_9956.N1	13-JAN-2010 19:12:30	Dark	41.500	109	Bet Lup	2.6770	26000.	83	41163	No
261	GOM_NL__2PRFIN20100113_191401_000000442086_00027_41163_9957.N1	13-JAN-2010 19:14:01	Dark	43.500	78	Alp Lup	2.3040	28000.	87	41163	No
262	GOM_NL__2PRFIN20100113_191559_000000432086_00028_41164_9937.N1	13-JAN-2010 19:15:59	Dark	43.000	95	Zet Cen	2.5450	26000.	86	41164	No
263	GOM_NL__2PRFIN20100113_191736_000000422086_00028_41164_9938.N1	13-JAN-2010 19:17:36	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41164	No
264	GOM_NL__2PRFIN20100113_192007_000000462086_00028_41164_9939.N1	13-JAN-2010 19:20:07	Dark	46.000	20	Bet Cru	1.2530	30000.	92	41164	No
265	GOM_NL__2PRFIN20100113_192417_000000392086_00028_41164_9940.N1	13-JAN-2010 19:24:17	Dark	39.000	124	The Car	2.7640	30000.	78	41164	No
266	GOM_NL__2PRFIN20100113_192544_000000382086_00028_41164_9941.N1	13-JAN-2010 19:25:44	Dark	37.500	159	Ups Car	2.9200	7200.0	75	41164	No
267	GOM_NL__2PRFIN20100113_192852_000000442086_00028_41164_9942.N1	13-JAN-2010 19:28:52	Dark	43.500	41	Eps Car	1.8600	4100.0	87	41164	No
268	GOM_NL__2PRFIN20100113_193421_000000452086_00028_41164_9943.N1	13-JAN-2010 19:34:21	Dark	45.000	70	Zet Pup	2.2460	39000.	90	41164	No
269	GOM_NL__2PRFIN20100113_193603_000000462086_00028_41164_9944.N1	13-JAN-2010 19:36:03	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	41164	No
270	GOM_NL__2PRFIN20100113_193838_000000432086_00028_41164_9945.N1	13-JAN-2010 19:38:38	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41164	No
271	GOM_NL__2PRFIN20100113_194004_000000402086_00028_41164_9946.N1	13-JAN-2010 19:40:04	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	41164	No
272	GOM_NL__2PRFIN20100113_194219_000000452086_00028_41164_9947.N1	13-JAN-2010 19:42:19	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	41164	No
273	GOM_NL__2PRFIN20100113_194913_000000562086_00028_41164_9948.N1	13-JAN-2010 19:49:13	Twi_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	41164	No
274	GOM_NL__2PRFIN20100113_195204_000000492086_00028_41164_9949.N1	13-JAN-2010 19:52:04	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	41164	No
275	GOM_NL__2PRFIN20100113_195347_000000452086_00028_41164_9950.N1	13-JAN-2010 19:53:47	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	41164	No
276	GOM_NL__2PRFIN20100113_195755_000000372086_00028_41164_9951.N1	13-JAN-2010 19:57:55	Bright	36.500	107	37The Aur	2.6490	11000.	73	41164	No
277	GOM_NL__2PRFIN20100113_200006_000000372086_00028_41164_9952.N1	13-JAN-2010 20:00:06	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	41164	No
278	GOM_NL__2PRFIN20100113_201238_000000362086_00028_41164_9953.N1	13-JAN-2010 20:12:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41164	No

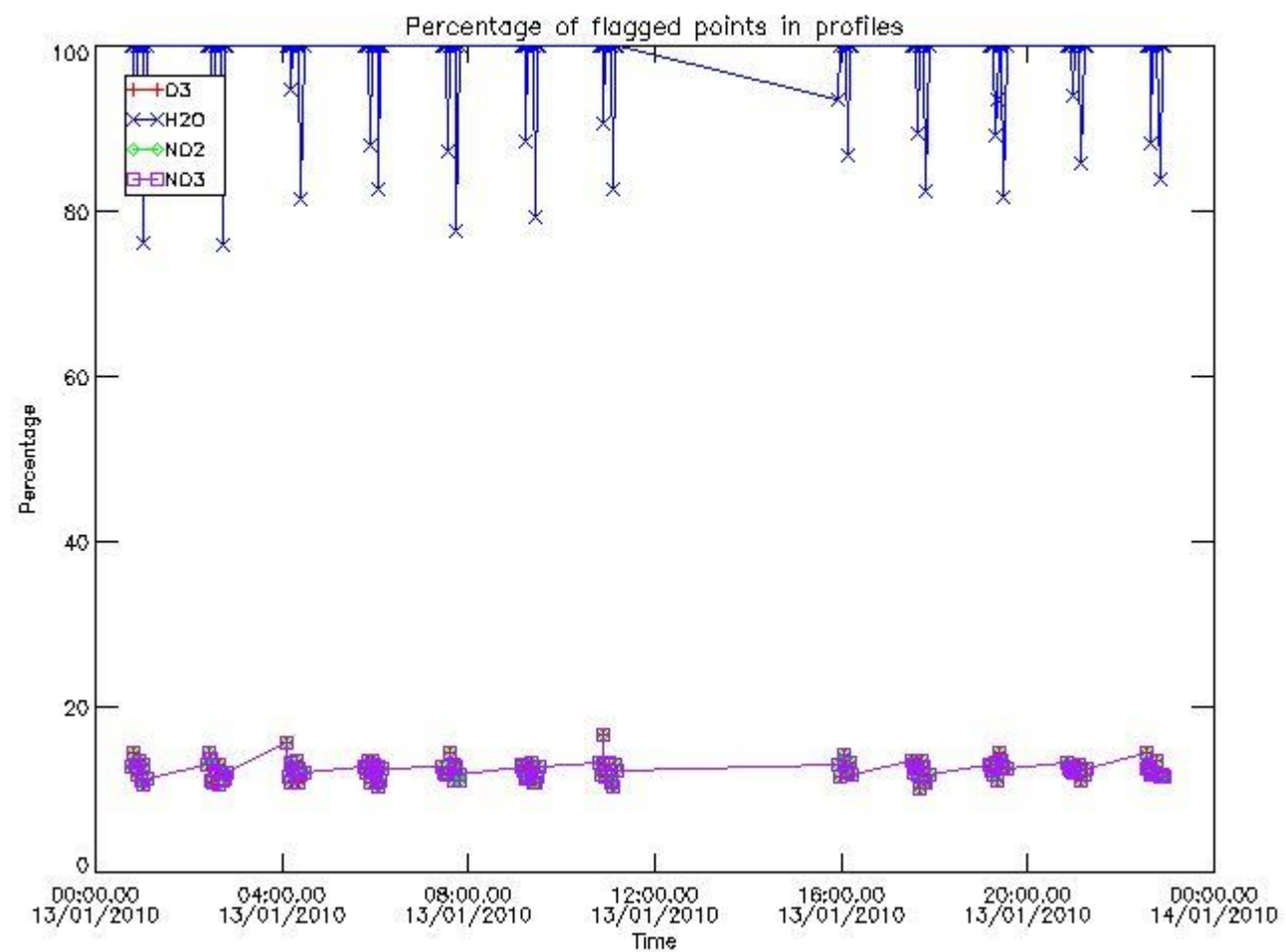
279	GOM_NL__2PRFIN20100113_201641_000000402086_00028_41164_9954.N1	13-JAN-2010 20:16:41	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41164	No
280	GOM_NL__2PRFIN20100113_202057_000000342086_00028_41164_9955.N1	13-JAN-2010 20:20:57	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	41164	No
281	GOM_NL__2PRFIN20100113_202944_000000542086_00028_41164_9956.N1	13-JAN-2010 20:29:44	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41164	No
282	GOM_NL__2PRFIN20100113_203156_000000622086_00028_41164_9957.N1	13-JAN-2010 20:31:56	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41164	No
283	GOM_NL__2PRFIN20100113_203813_000000452086_00028_41164_9958.N1	13-JAN-2010 20:38:13	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	41164	No
284	GOM_NL__2PRFIN20100113_204022_000000552086_00028_41164_9959.N1	13-JAN-2010 20:40:22	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41164	No
285	GOM_NL__2PRFIN20100113_204145_000000532086_00028_41164_9960.N1	13-JAN-2010 20:41:45	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41164	No
286	GOM_NL__2PRFIN20100113_204355_000000472086_00028_41164_9961.N1	13-JAN-2010 20:43:55	Twi_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	41164	No
287	GOM_NL__2PRFIN20100113_204556_000000442086_00028_41164_9962.N1	13-JAN-2010 20:45:56	Twi_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	41164	No
288	GOM_NL__2PRFIN20100113_205124_000000392086_00028_41164_9963.N1	13-JAN-2010 20:51:24	Dark	38.500	131	Gam Lup	2.8000	26000.	77	41164	No
289	GOM_NL__2PRFIN20100113_205306_000000412086_00028_41164_9964.N1	13-JAN-2010 20:53:06	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41164	No
290	GOM_NL__2PRFIN20100113_205437_000000402086_00028_41164_9965.N1	13-JAN-2010 20:54:37	Dark	40.000	78	Alp Lup	2.3040	28000.	80	41164	No
291	GOM_NL__2PRFIN20100113_205635_000000422086_00029_41165_9946.N1	13-JAN-2010 20:56:35	Dark	41.500	95	Zet Cen	2.5450	26000.	83	41165	No
292	GOM_NL__2PRFIN20100113_205812_000000422086_00029_41165_9947.N1	13-JAN-2010 20:58:12	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41165	No
293	GOM_NL__2PRFIN20100113_210044_000000422086_00029_41165_9948.N1	13-JAN-2010 21:00:44	Dark	42.000	20	Bet Cru	1.2530	30000.	84	41165	No
294	GOM_NL__2PRFIN20100113_210453_000000392086_00029_41165_9949.N1	13-JAN-2010 21:04:53	Dark	39.000	124	The Car	2.7640	30000.	78	41165	No
295	GOM_NL__2PRFIN20100113_210621_000000392086_00029_41165_9950.N1	13-JAN-2010 21:06:21	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41165	No
296	GOM_NL__2PRFIN20100113_210929_000000502086_00029_41165_9951.N1	13-JAN-2010 21:09:29	Dark	50.000	41	Eps Car	1.8600	4100.0	100	41165	No
297	GOM_NL__2PRFIN20100113_211248_000000432086_00029_41165_9952.N1	13-JAN-2010 21:12:48	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41165	No
298	GOM_NL__2PRFIN20100113_211457_000000452086_00029_41165_9953.N1	13-JAN-2010 21:14:57	Dark	44.500	70	Zet Pup	2.2460	39000.	89	41165	No
299	GOM_NL__2PRFIN20100113_211640_000000452086_00029_41165_9954.N1	13-JAN-2010 21:16:40	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41165	No
300	GOM_NL__2PRFIN20100113_211914_000000432086_00029_41165_9955.N1	13-JAN-2010 21:19:14	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41165	No
301	GOM_NL__2PRFIN20100113_212040_000000422086_00029_41165_9956.N1	13-JAN-2010 21:20:40	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	41165	No
302	GOM_NL__2PRFIN20100113_212255_000000442086_00029_41165_9957.N1	13-JAN-2010 21:22:55	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	41165	No
303	GOM_NL__2PRFIN20100113_212949_000000552086_00029_41165_9958.N1	13-JAN-2010 21:29:49	Twi_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	41165	No
304	GOM_NL__2PRFIN20100113_213240_000000462086_00029_41165_9959.N1	13-JAN-2010 21:32:40	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	41165	No
305	GOM_NL__2PRFIN20100113_213423_000000472086_00029_41165_9960.N1	13-JAN-2010 21:34:23	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	41165	No
306	GOM_NL__2PRFIN20100113_213831_000000382086_00029_41165_9961.N1	13-JAN-2010 21:38:31	Bright	37.500	107	37The Aur	2.6490	11000.	75	41165	No
307	GOM_NL__2PRFIN20100113_214042_000000372086_00029_41165_9962.N1	13-JAN-2010 21:40:42	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41165	No
308	GOM_NL__2PRFIN20100113_215314_000000362086_00029_41165_9963.N1	13-JAN-2010 21:53:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41165	No
309	GOM_NL__2PRFIN20100113_215717_000000402086_00029_41165_9964.N1	13-JAN-2010 21:57:17	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41165	No
310	GOM_NL__2PRFIN20100113_220133_000000382086_00029_41165_9965.N1	13-JAN-2010 22:01:33	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	41165	No
311	GOM_NL__2PRFIN20100113_221020_000000542086_00029_41165_9966.N1	13-JAN-2010 22:10:20	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41165	No
312	GOM_NL__2PRFIN20100113_221232_000000432086_00029_41165_9967.N1	13-JAN-2010 22:12:32	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	41165	No
313	GOM_NL__2PRFIN20100113_221849_000000432086_00029_41165_9968.N1	13-JAN-2010 22:18:49	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	41165	No
314	GOM_NL__2PRFIN20100113_222058_000000402086_00029_41165_9969.N1	13-JAN-2010 22:20:58	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	41165	No
315	GOM_NL__2PRFIN20100113_222222_000000532086_00029_41165_9970.N1	13-JAN-2010 22:22:22	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	41165	No
316	GOM_NL__2PRFIN20100113_222432_000000472086_00029_41165_9971.N1	13-JAN-2010 22:24:32	Twi_and_stray	47.000	104	27Bet Lib	2.6140	13100.	94	41165	No
317	GOM_NL__2PRFIN20100113_222632_000000422086_00029_41165_9972.N1	13-JAN-2010 22:26:32	Twi_and_stray	42.000	80	7Del Sco	2.3160	30000.	84	41165	No
318	GOM_NL__2PRFIN20100113_223200_000000392086_00029_41165_9973.N1	13-JAN-2010 22:32:00	Dark	39.000	131	Gam Lup	2.8000	26000.	78	41165	No
319	GOM_NL__2PRFIN20100113_223343_000000412086_00029_41165_9974.N1	13-JAN-2010 22:33:43	Dark	40.500	109	Bet Lup	2.6770	26000.	81	41165	No
320	GOM_NL__2PRFIN20100113_223513_000000402086_00029_41165_9975.N1	13-JAN-2010 22:35:13	Dark	40.000	78	Alp Lup	2.3040	28000.	80	41165	No
321	GOM_NL__2PRFIN20100113_223712_000000422086_00030_41166_9955.N1	13-JAN-2010 22:37:12	Dark	41.500	95	Zet Cen	2.5450	26000.	83	41166	No
322	GOM_NL__2PRFIN20100113_223849_000000432086_00030_41166_9956.N1	13-JAN-2010 22:38:49	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41166	No
323	GOM_NL__2PRFIN20100113_224120_000000422086_00030_41166_9957.N1	13-JAN-2010 22:41:20	Dark	42.000	20	Bet Cru	1.2530	30000.	84	41166	No
324	GOM_NL__2PRFIN20100113_224530_000000382086_00030_41166_9958.N1	13-JAN-2010 22:45:30	Dark	37.500	124	The Car	2.7640	30000.	75	41166	No
325	GOM_NL__2PRFIN20100113_224657_000000432086_00030_41166_9959.N1	13-JAN-2010 22:46:57	Dark	42.500	159	Ups Car	2.9200	7200.0	85	41166	No
326	GOM_NL__2PRFIN20100113_225005_000000442086_00030_41166_9960.N1	13-JAN-2010 22:50:05	Dark	44.000	41	Eps Car	1.8600	4100.0	88	41166	No
327	GOM_NL__2PRFIN20100113_225325_000000432086_00030_41166_9961.N1	13-JAN-2010 22:53:25	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41166	No
328	GOM_NL__2PRFIN20100113_225533_000000442086_00030_41166_9962.N1	13-JAN-2010 22:55:33	Dark	44.000	70	Zet Pup	2.2460	39000.	88	41166	No
329	GOM_NL__2PRFIN20100113_225716_000000452086_00030_41166_9963.N1	13-JAN-2010 22:57:16	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41166	No
330	GOM_NL__2PRFIN20100113_225950_000000442086_00030_41166_9964.N1	13-JAN-2010 22:59:50	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	41166	No
331	GOM_NL__2PRFIN20100113_230116_000000412086_00030_41166_9965.N1	13-JAN-2010 23:01:16	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41166	No
332	GOM_NL__2PRFIN20100113_230331_000000432086_00030_41166_9966.N1	13-JAN-2010 23:03:31	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	41166	No
333	GOM_NL__2PRFIN20100113_231024_000000542086_00030_41166_9967.N1	13-JAN-2010 23:10:24	Twi_and_stray	53.500	8	10Alp CMi	0.40000	6500.0	107	41166	No
334	GOM_NL__2PRFIN20100113_231316_000000462086_00030_41166_9968.N1	13-JAN-2010 23:13:16	Bright	45.500	44	24Gam Gem	1.9280	11000.	91	41166	No
335	GOM_NL__2PRFIN20100113_231459_000000442086_00030_41166_9969.N1	13-JAN-2010 23:14:59	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	41166	No
336	GOM_NL__2PRFIN20100113_231906_000000362086_00030_41166_9970.N1	13-JAN-2010 23:19:06	Bright	36.000	107	37The Aur	2.6490	11000.	72	41166	No
337	GOM_NL__2PRFIN20100113_232118_000000372086_00030_41166_9971.N1	13-JAN-2010 23:21:18	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	41166	No

338	GOM_NL__2PRFIN20100113_233350_000000362086_00030_41166_9972.N1	13-JAN-2010 23:33:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41166	No
339	GOM_NL__2PRFIN20100113_233752_000000412086_00030_41166_9973.N1	13-JAN-2010 23:37:52	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41166	No
340	GOM_NL__2PRFIN20100113_234208_000000392086_00030_41166_9974.N1	13-JAN-2010 23:42:08	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41166	No
341	GOM_NL__2PRFIN20100113_235056_000000362086_00030_41166_9975.N1	13-JAN-2010 23:50:56	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41166	No
342	GOM_NL__2PRFIN20100113_235308_000000622086_00030_41166_9976.N1	13-JAN-2010 23:53:08	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41166	No
343	GOM_NL__2PRFIN20100113_235926_000000452086_00030_41166_9977.N1	13-JAN-2010 23:59:26	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	41166	No

### 3. Quality information per product

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

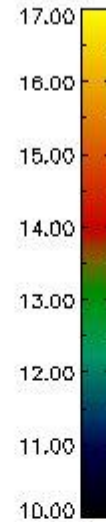
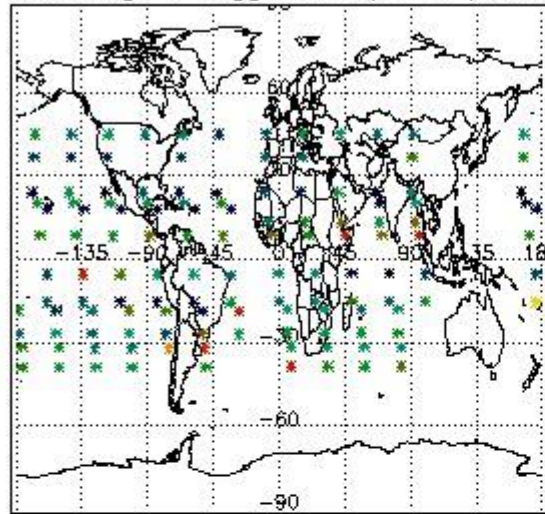
#### 3.1 Plot quality information per product (time dependant)



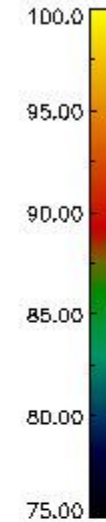
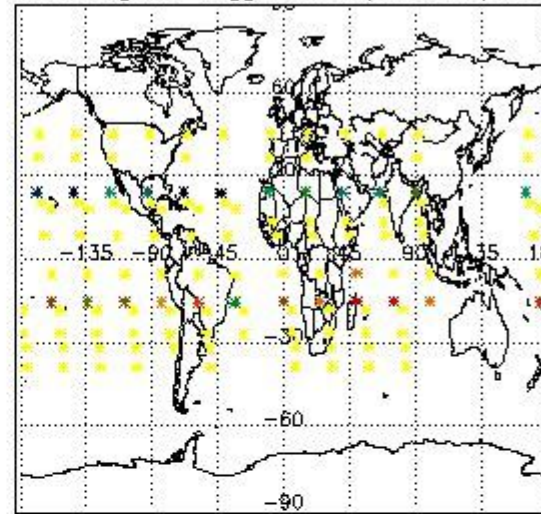
#### 3.2 Plot quality information per product (world map)



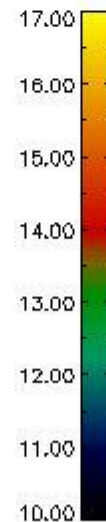
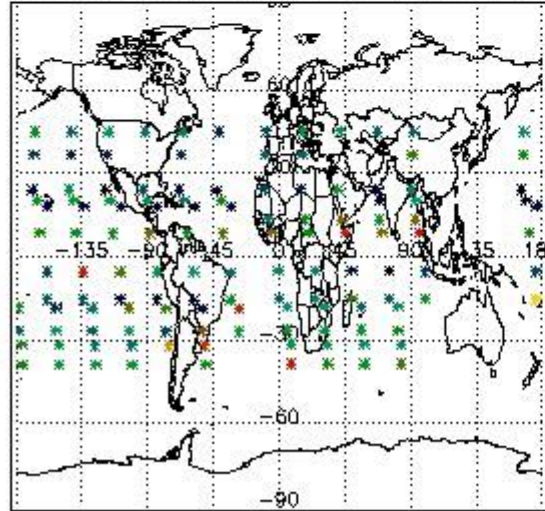
Percentage of flagged data per O3 profile



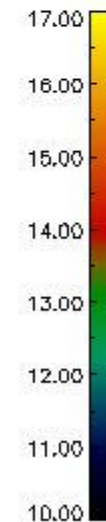
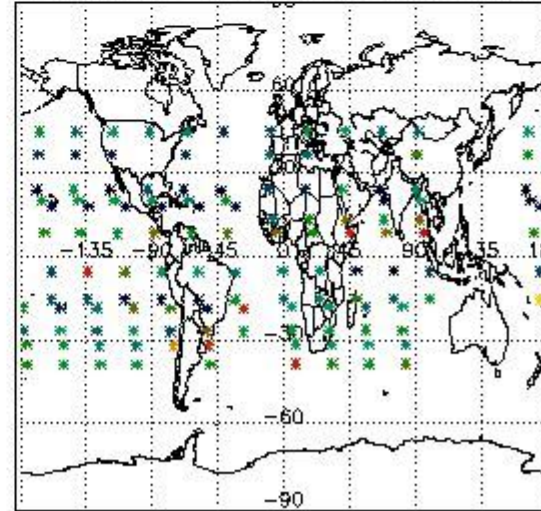
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

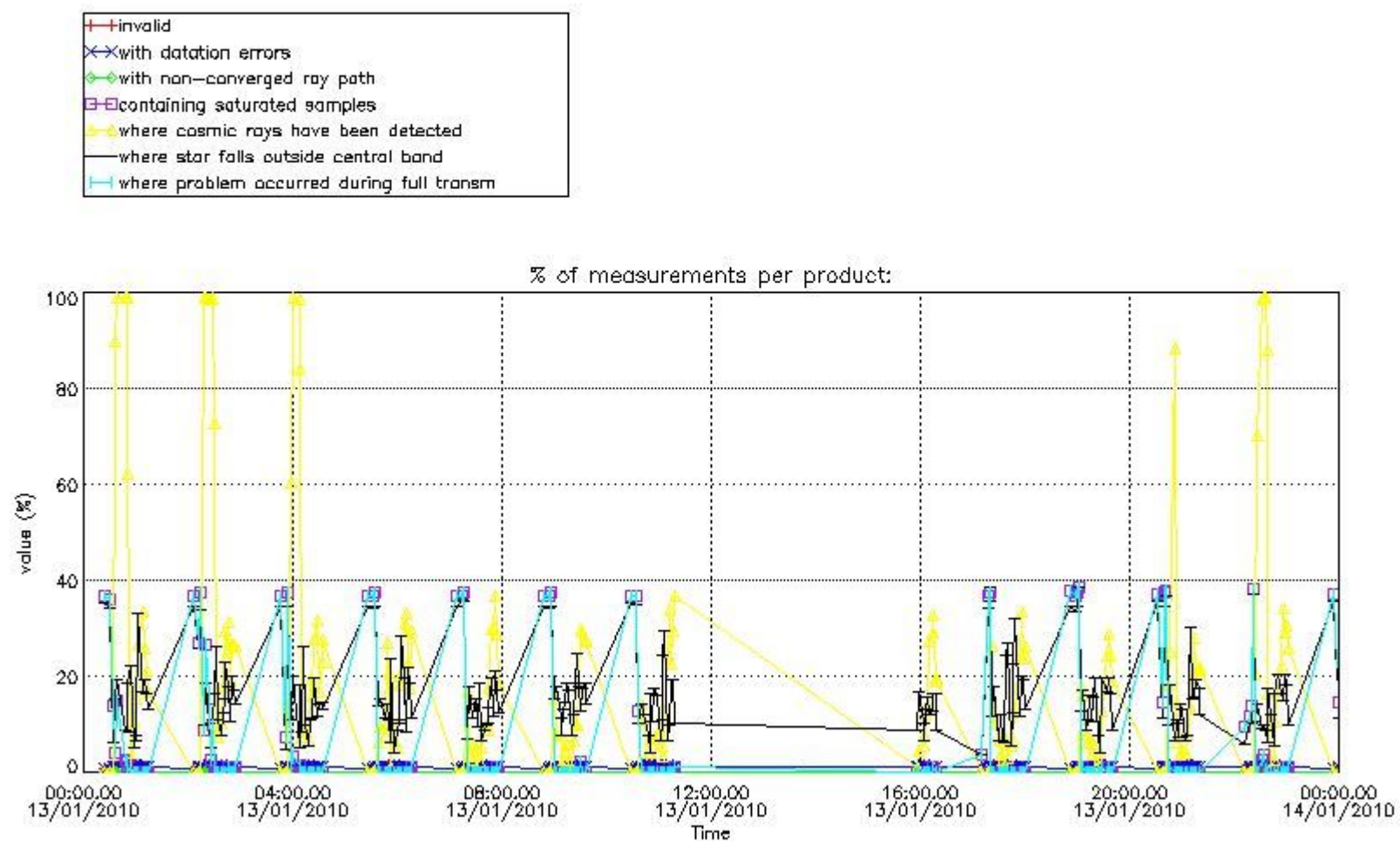


#### 4. Level 1 quality information per product

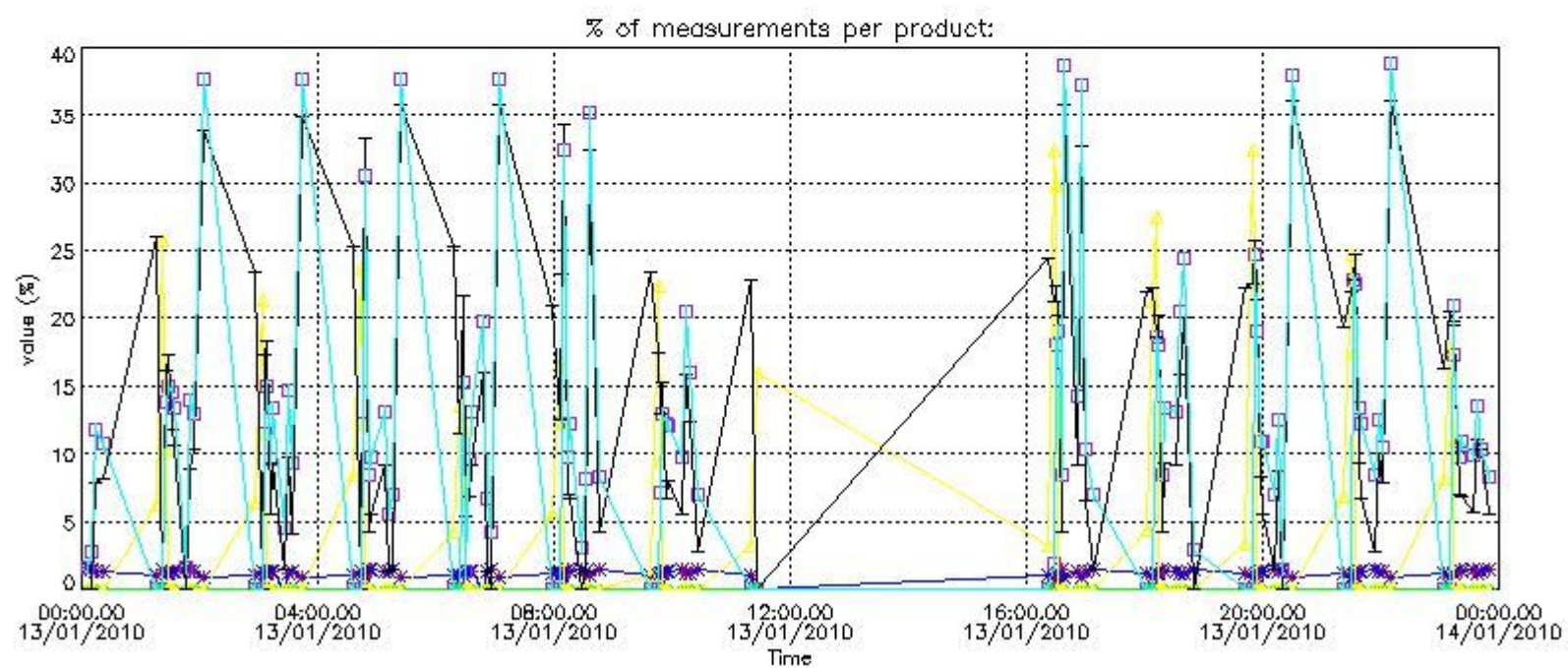
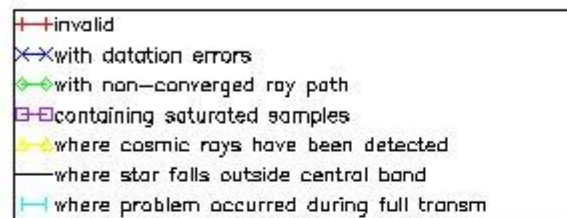
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

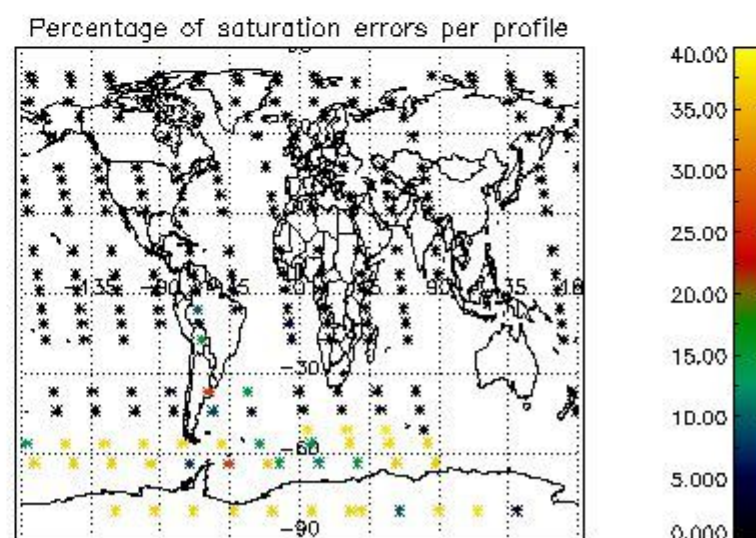
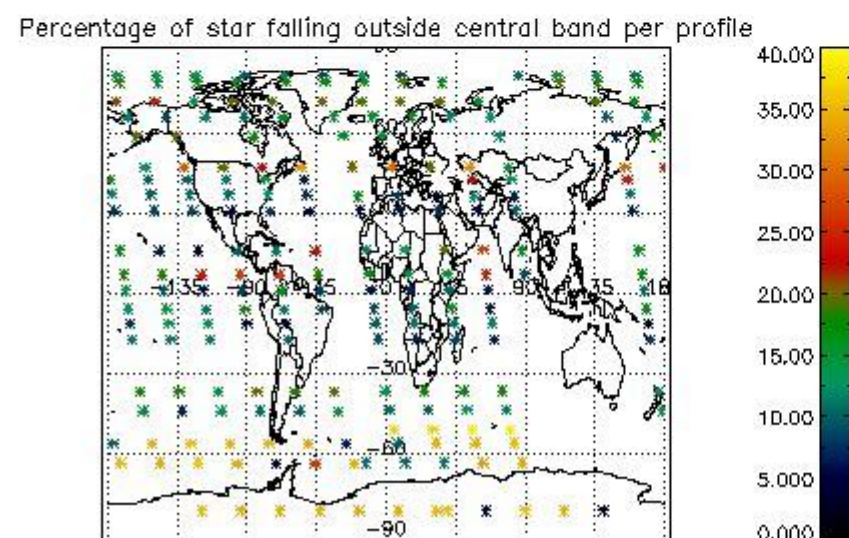
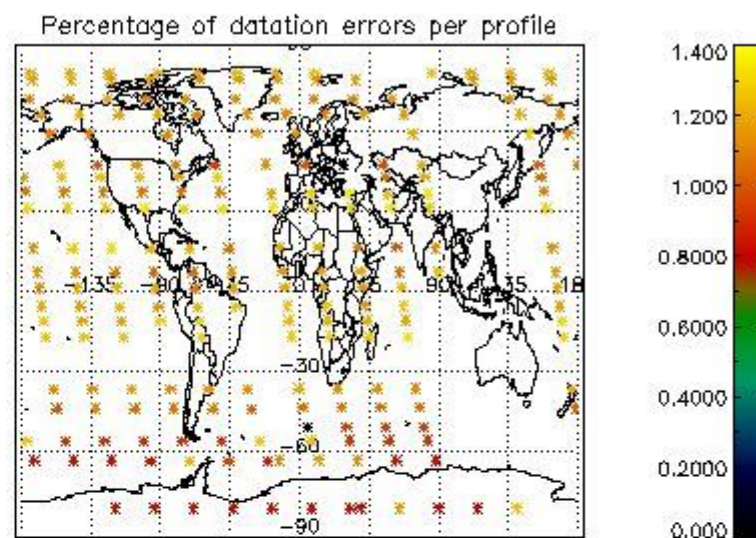
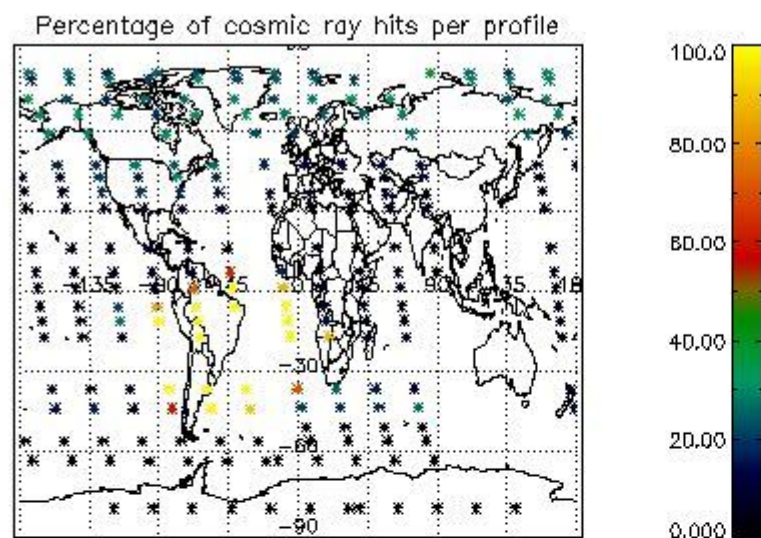


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

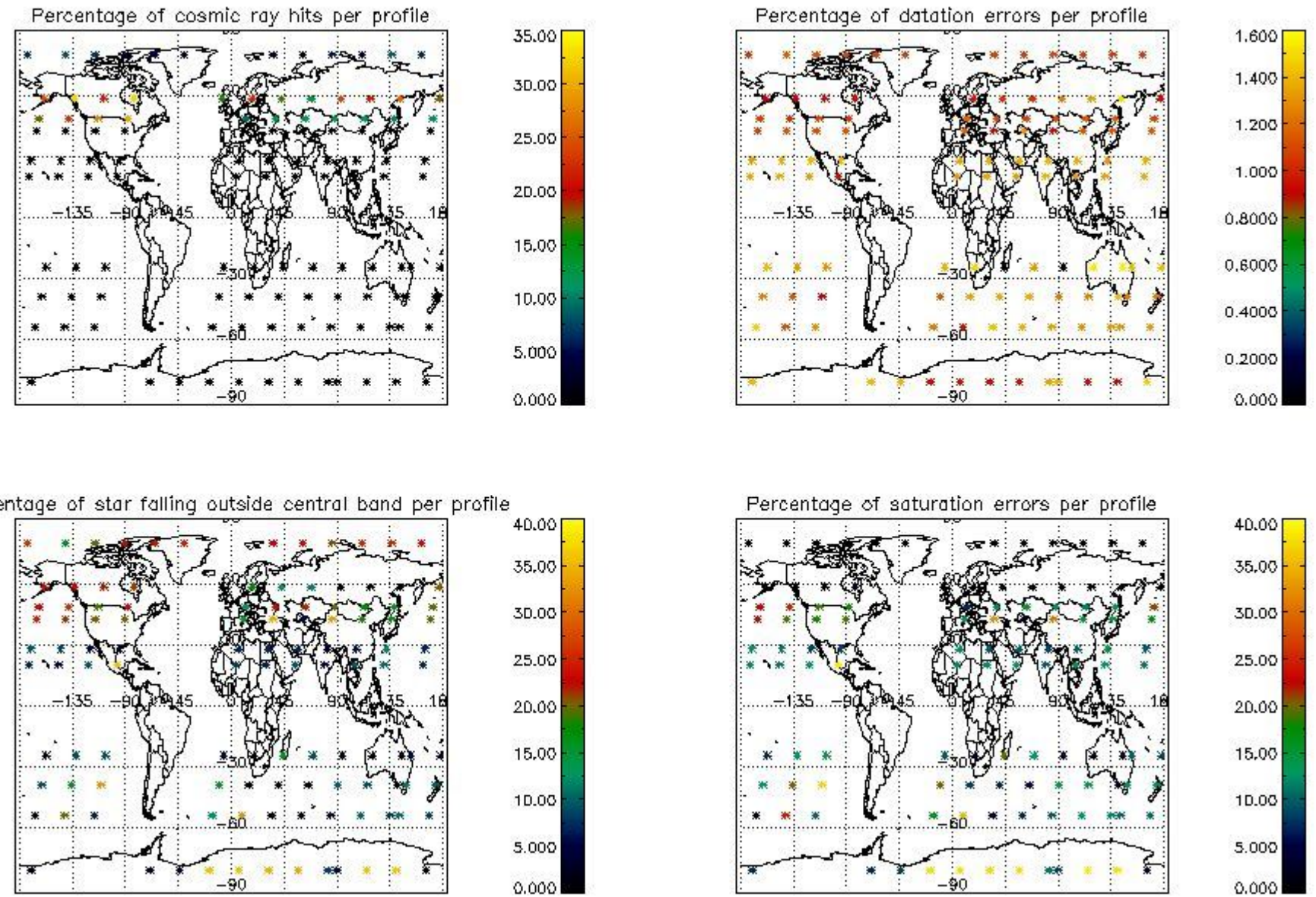


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 4.2.1 Plot level 1 quality information per product (world map): ENVI SAT ASCENDING passes



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

- The statistics are given with respect to the overall valid production:
  - Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
  - Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

- The 'Criteria' is applied to valid points of dark limb products:
  - Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
  - Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
  - Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

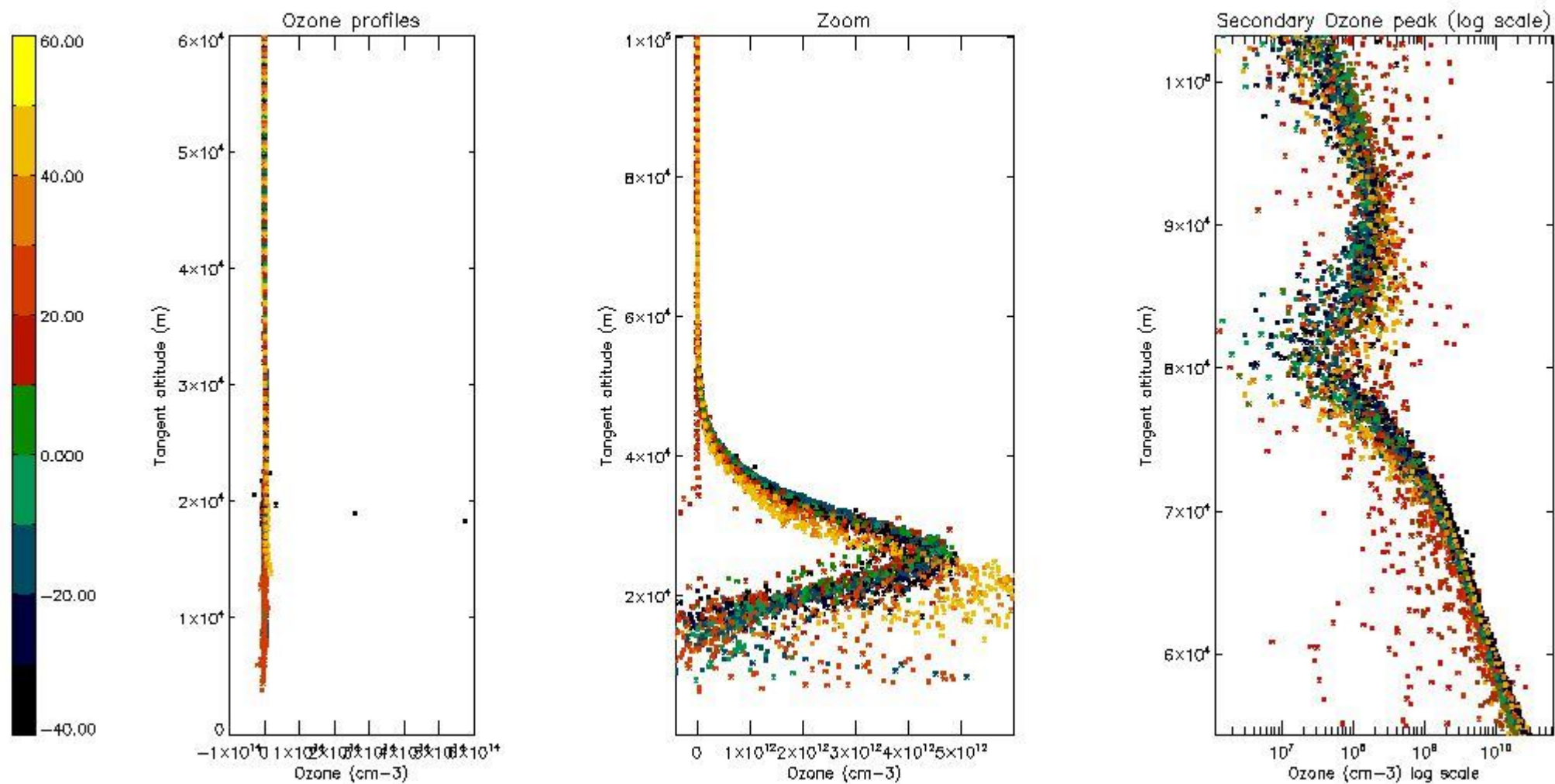
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	21

STD < 10	17
STD < 5	12

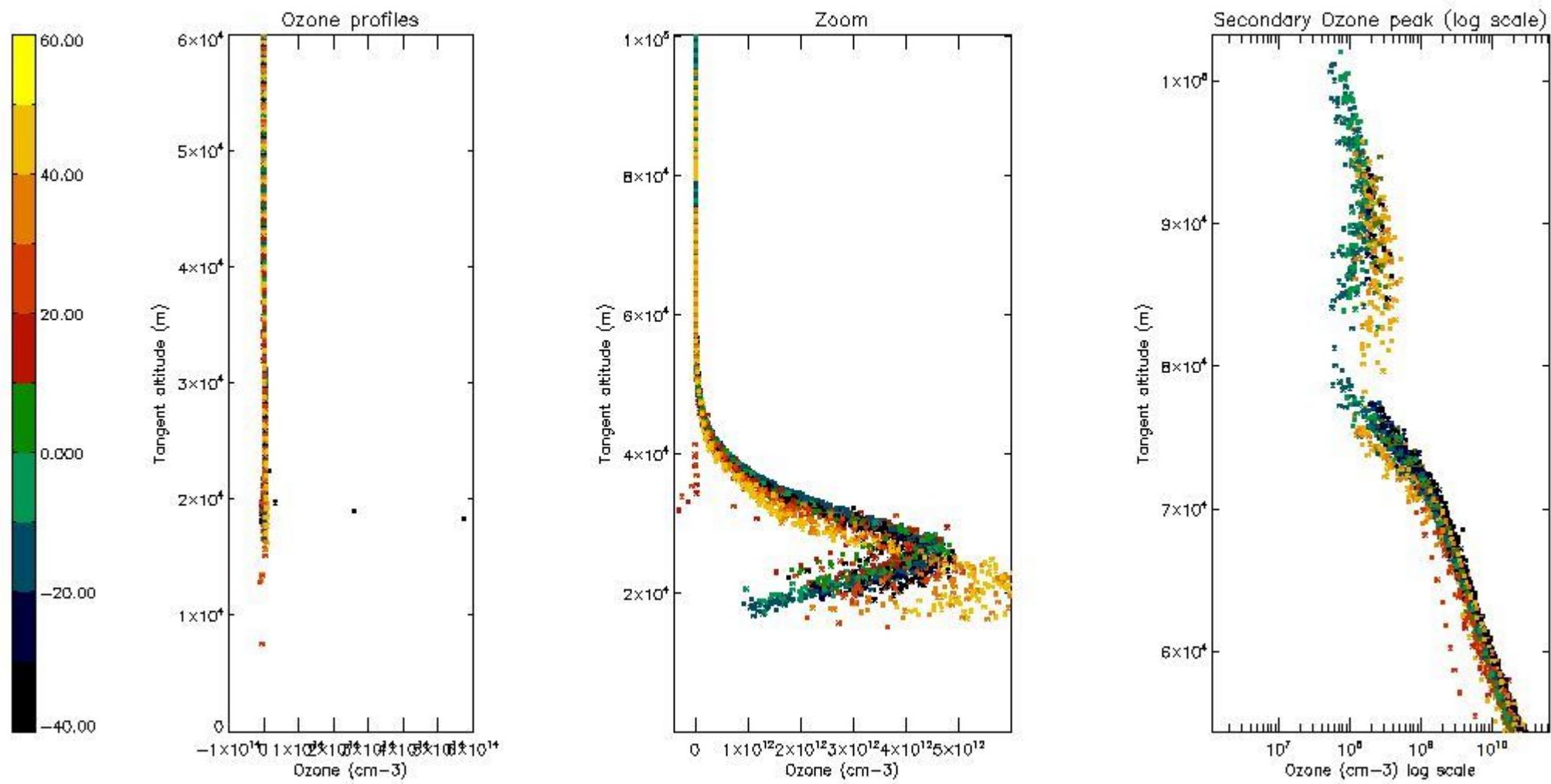
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



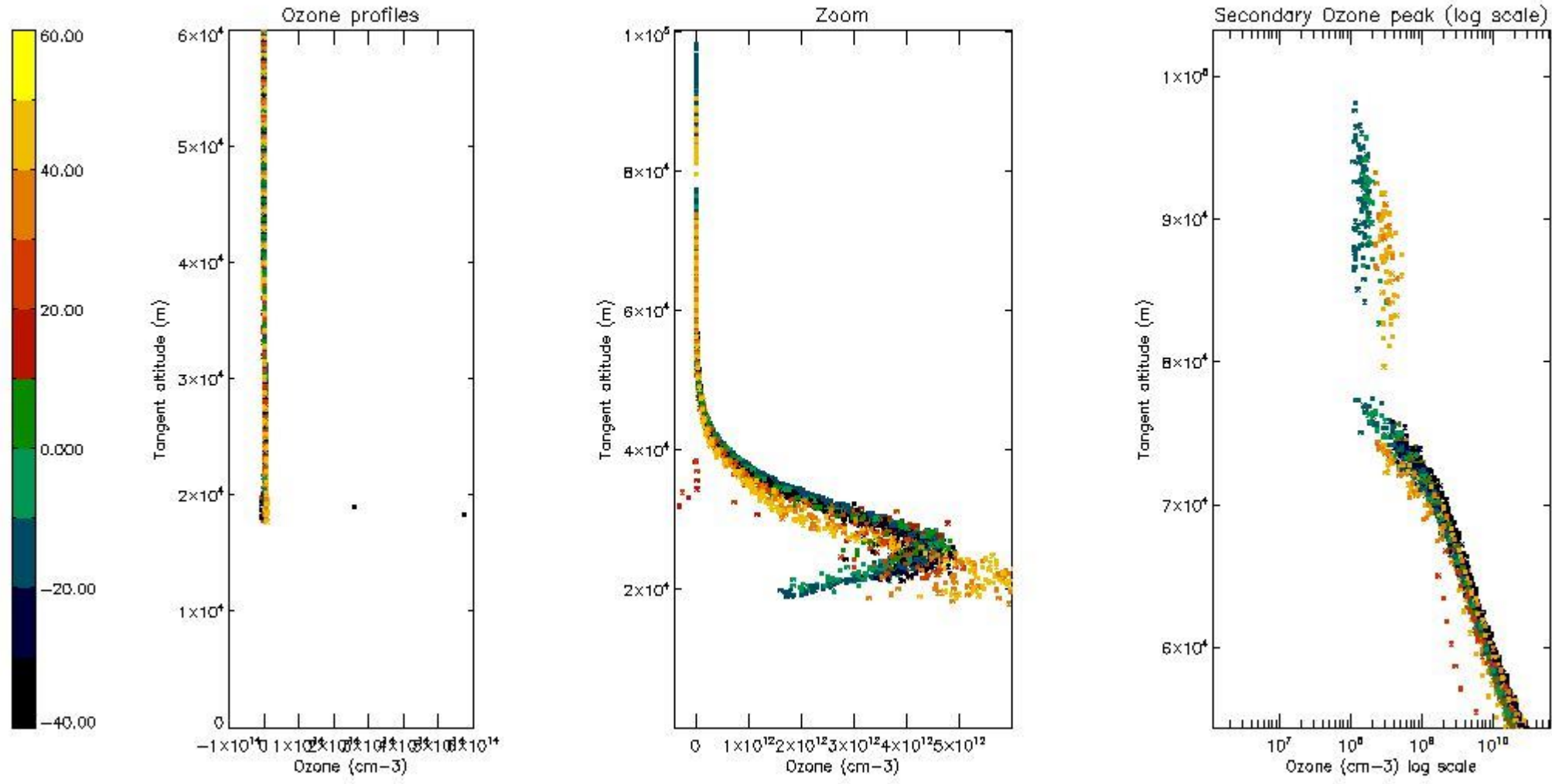
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

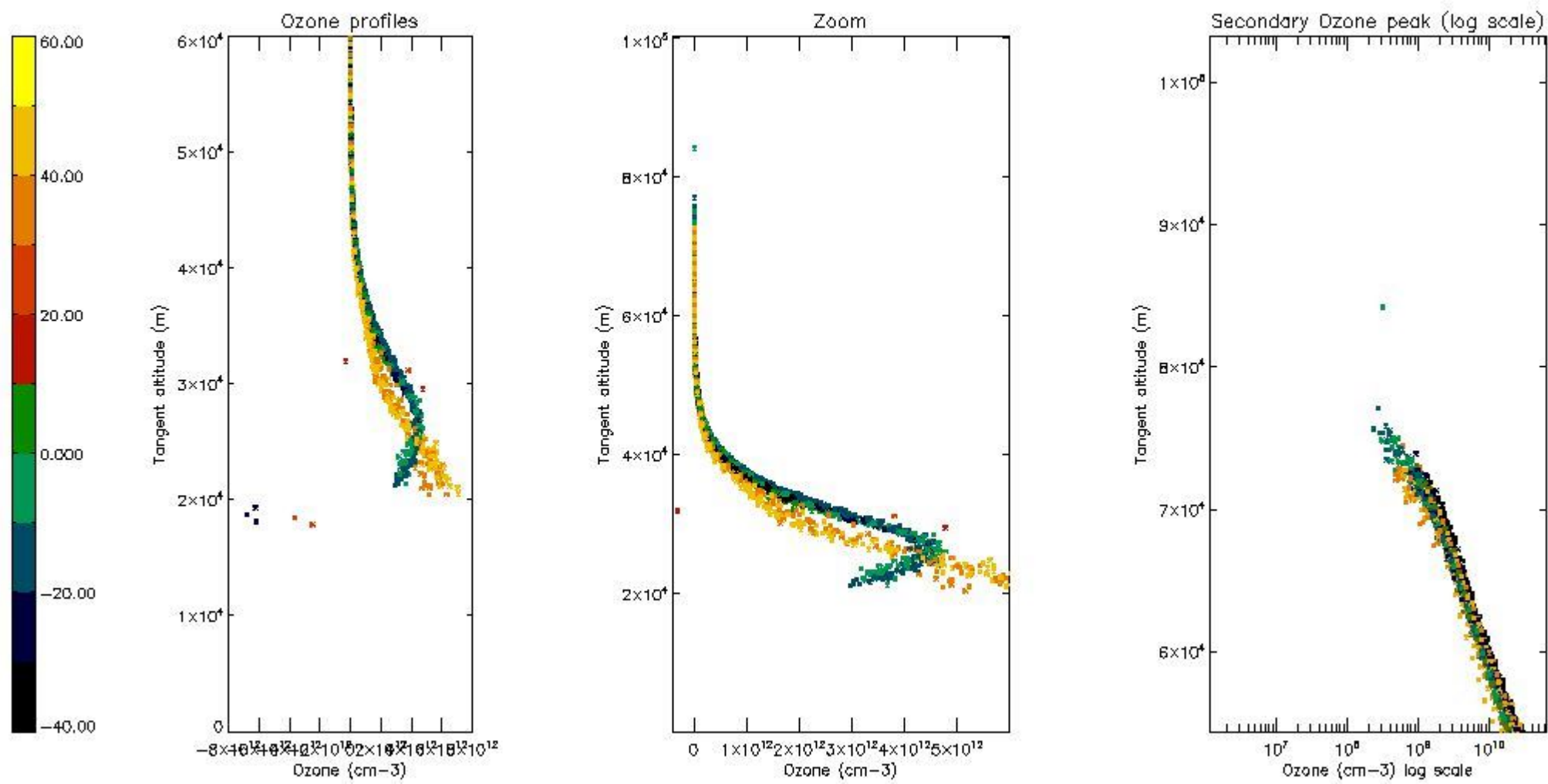
The colorbar represents the latitude.



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

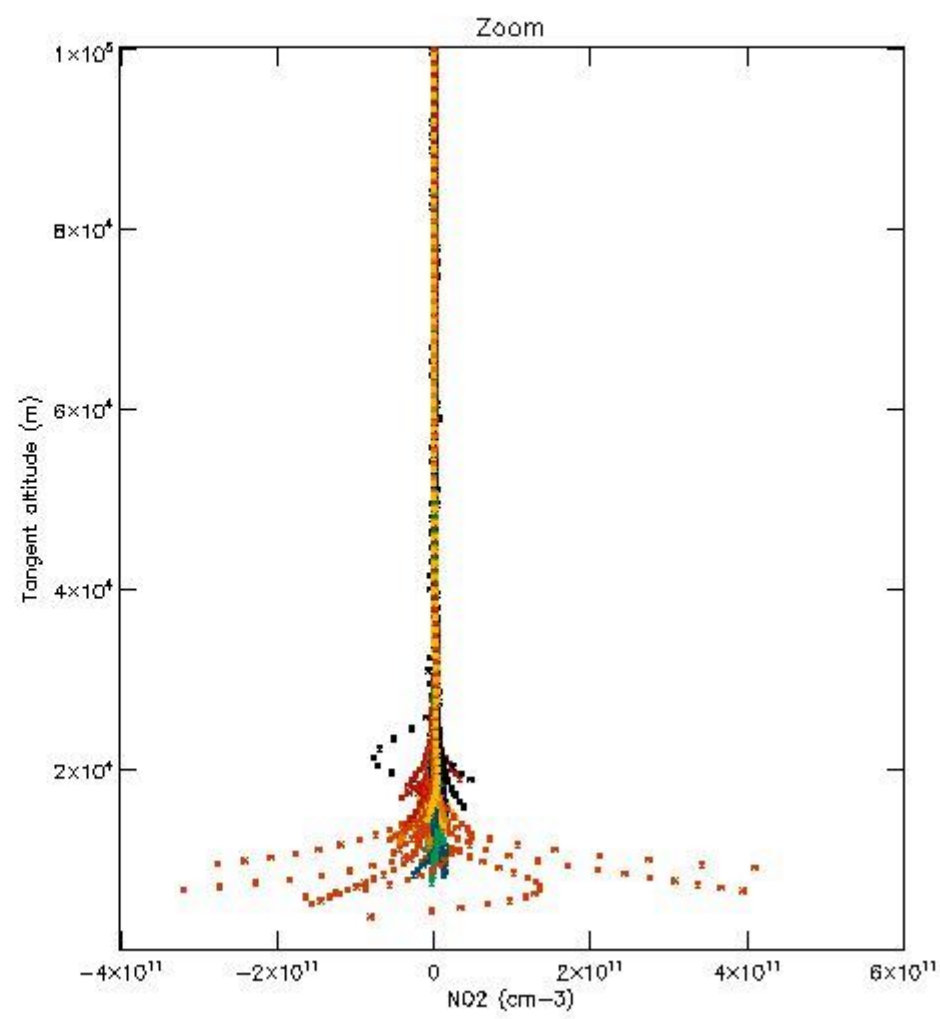
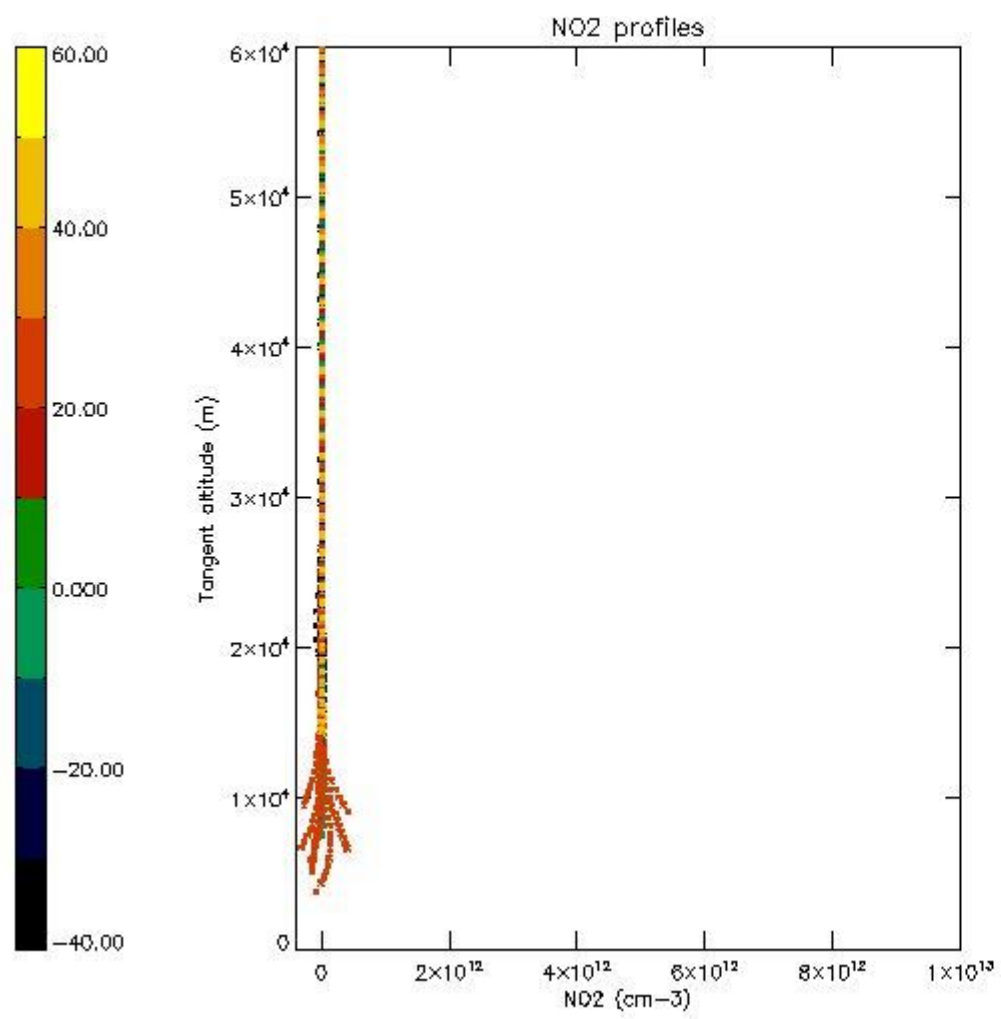
The colorbar represents the latitude.





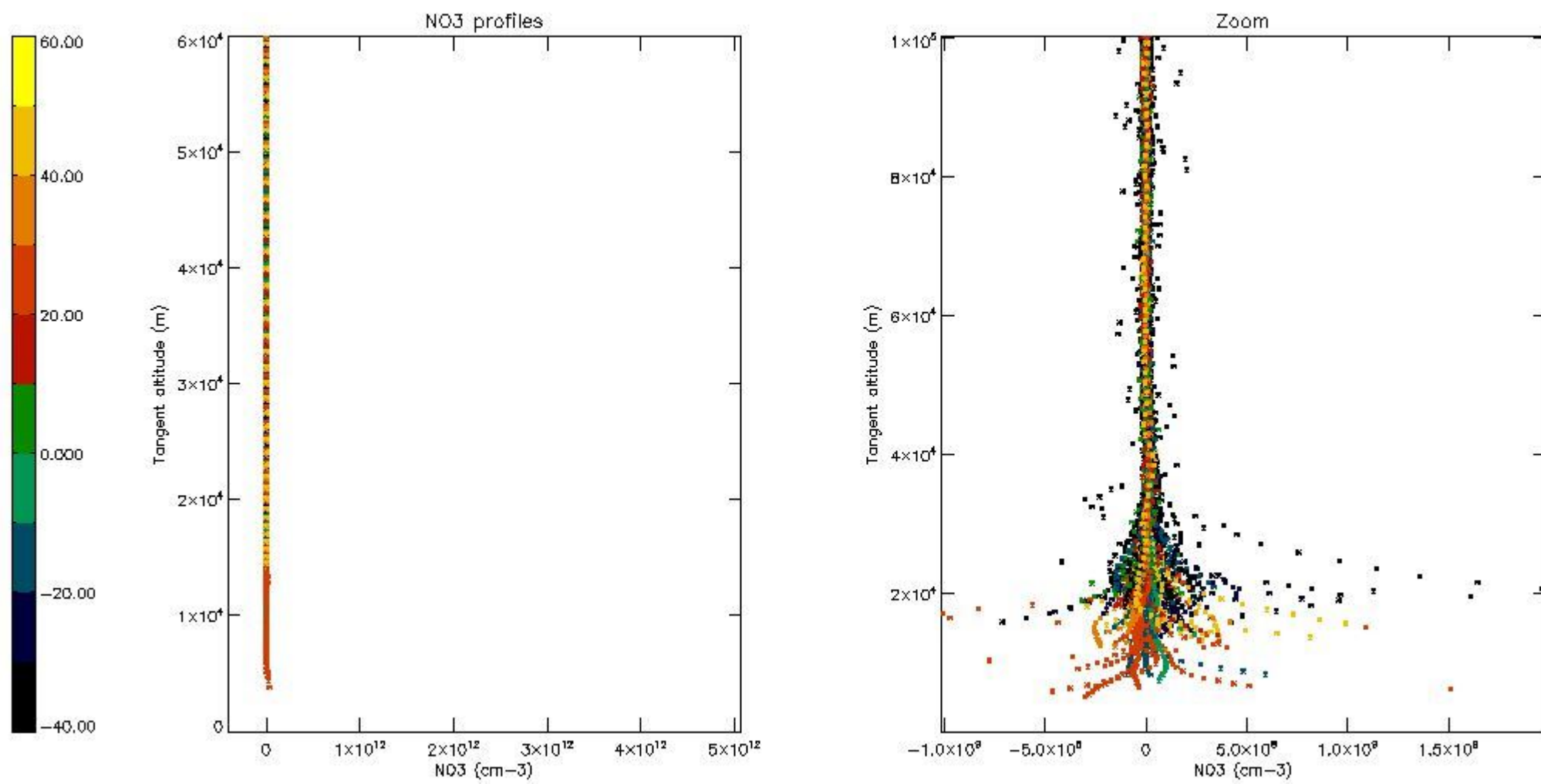
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



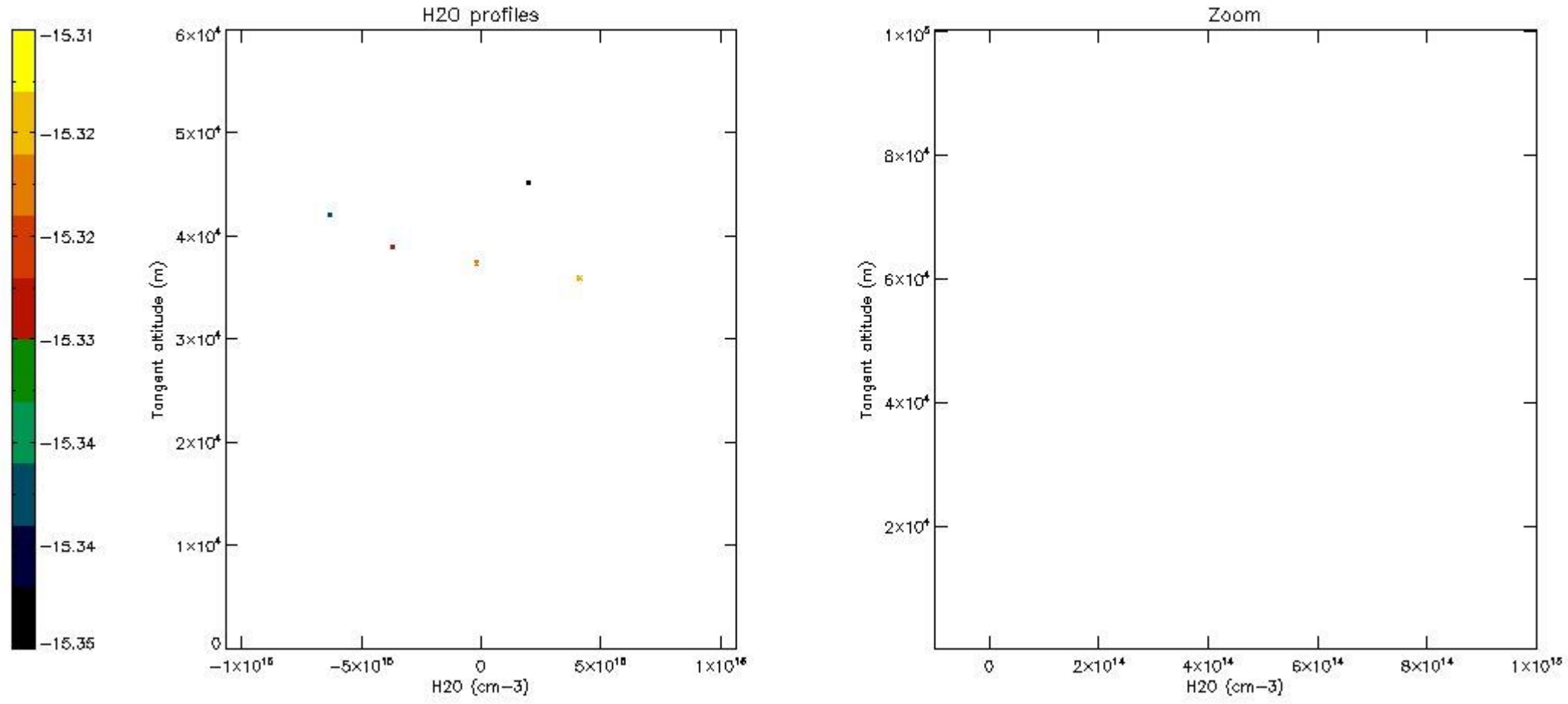
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



*5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)*

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JAN-2010 00:05:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JAN-2010 00:05:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JAN-2010 00:05:28

# 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](#)

---













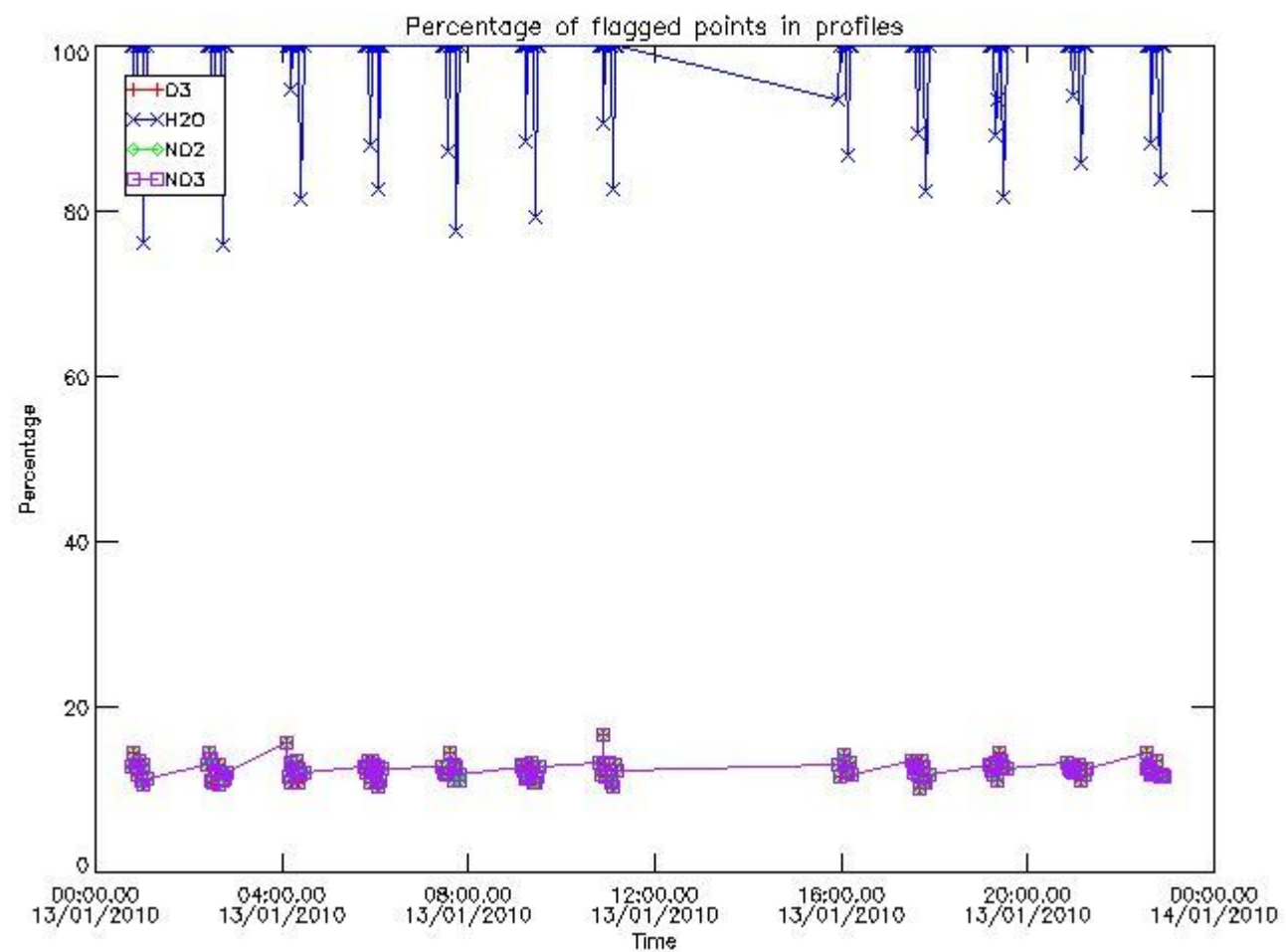


338	GOM_NL__2PRFIN20100113_233350_000000362086_00030_41166_9972.N1	13-JAN-2010 23:33:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41166	No
339	GOM_NL__2PRFIN20100113_233752_000000412086_00030_41166_9973.N1	13-JAN-2010 23:37:52	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41166	No
340	GOM_NL__2PRFIN20100113_234208_000000392086_00030_41166_9974.N1	13-JAN-2010 23:42:08	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41166	No
341	GOM_NL__2PRFIN20100113_235056_000000362086_00030_41166_9975.N1	13-JAN-2010 23:50:56	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41166	No
342	GOM_NL__2PRFIN20100113_235308_000000622086_00030_41166_9976.N1	13-JAN-2010 23:53:08	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41166	No
343	GOM_NL__2PRFIN20100113_235926_000000452086_00030_41166_9977.N1	13-JAN-2010 23:59:26	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	41166	No

### 3. Quality information per product

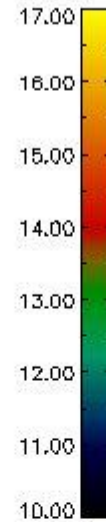
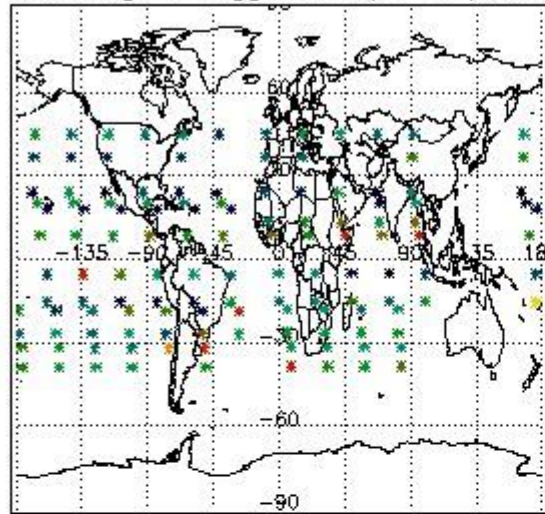
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

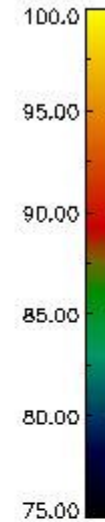
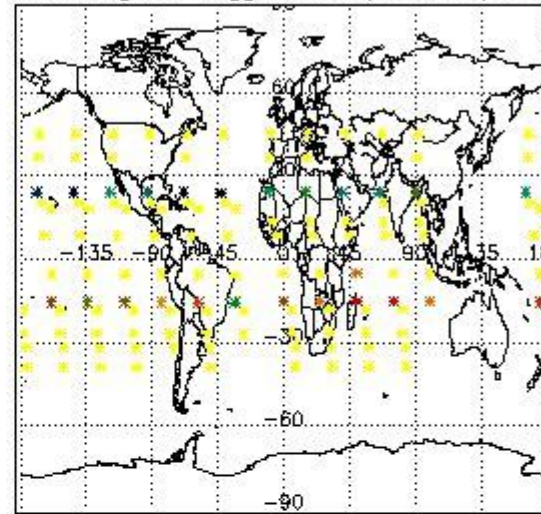


#### 3.2 Plot quality information per product (world map)

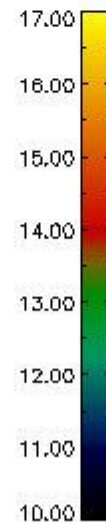
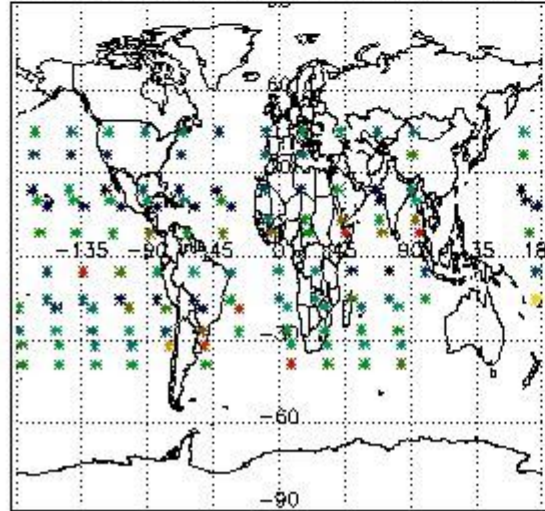
Percentage of flagged data per O3 profile



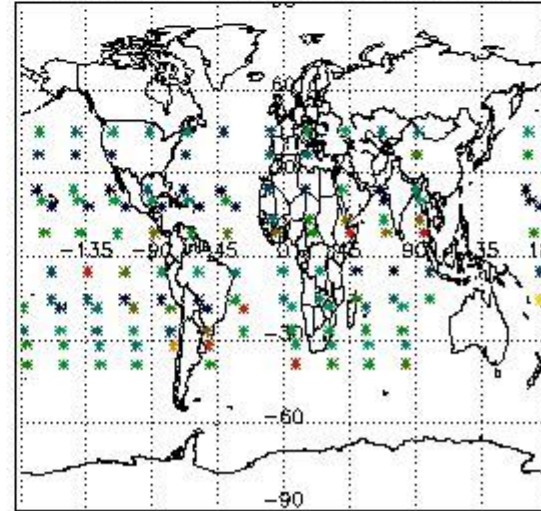
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

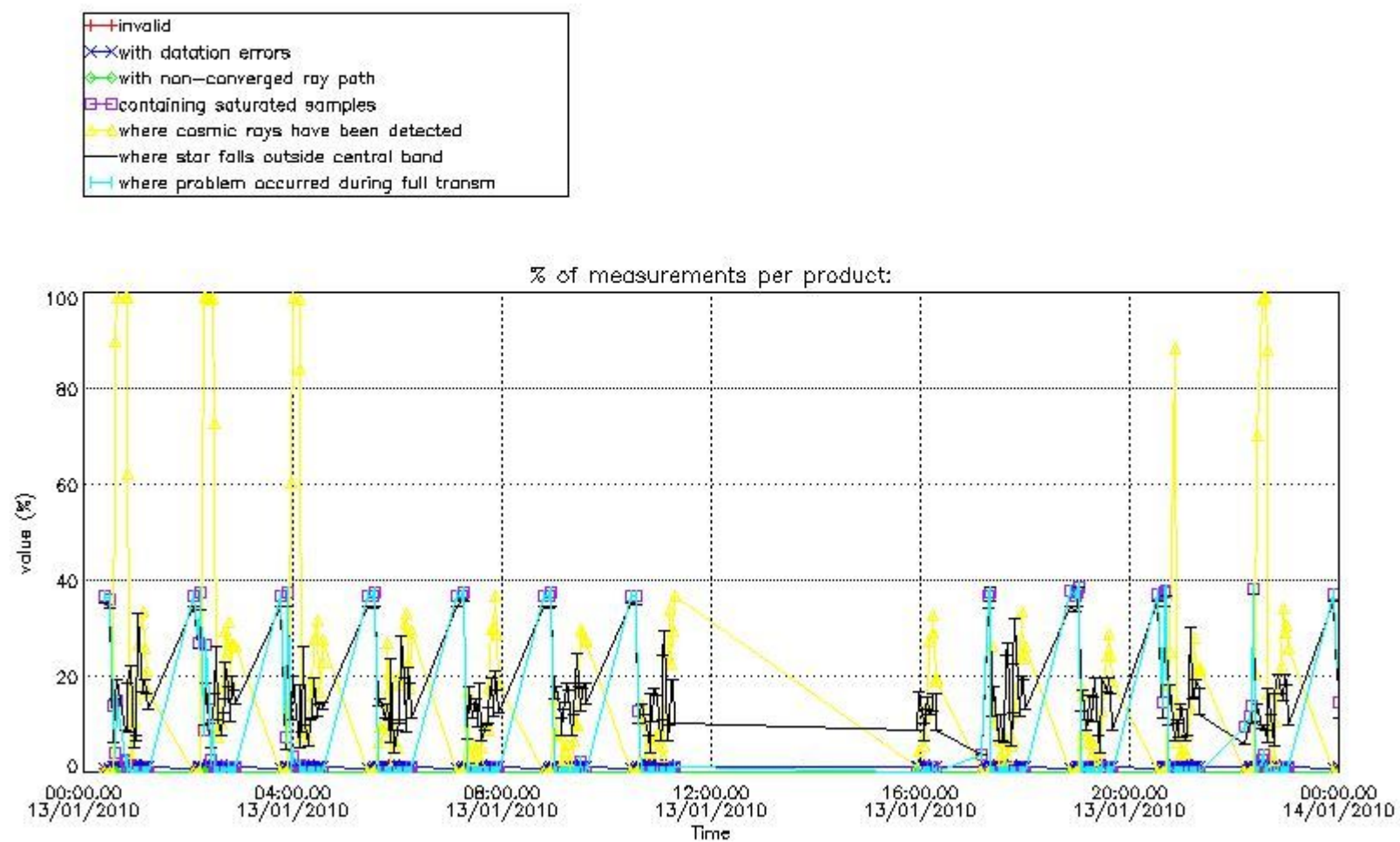


#### 4. Level 1 quality information per product

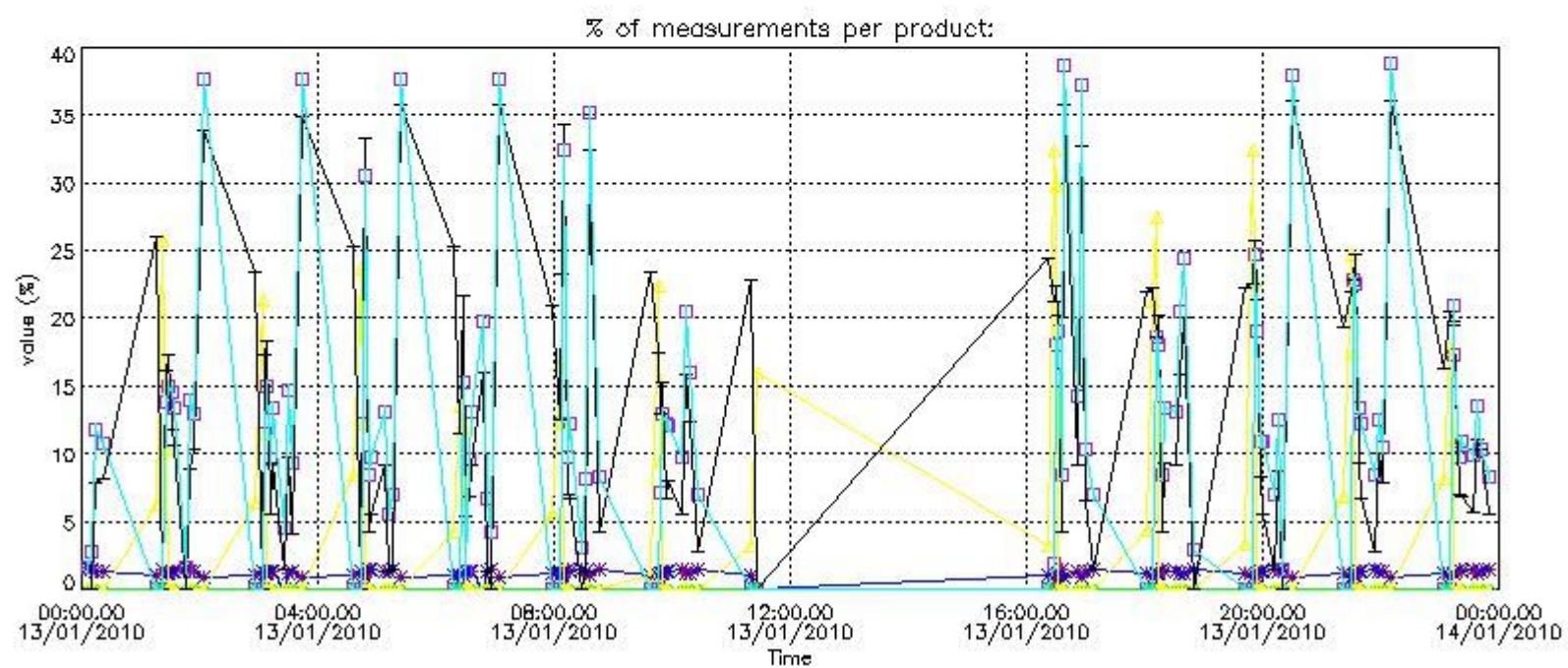
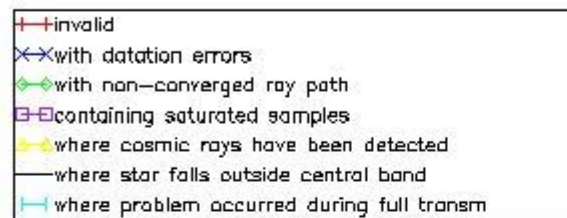
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

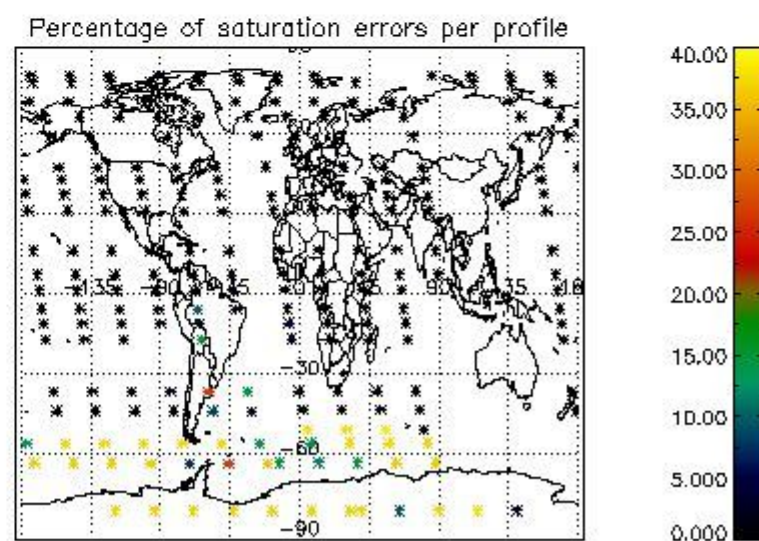
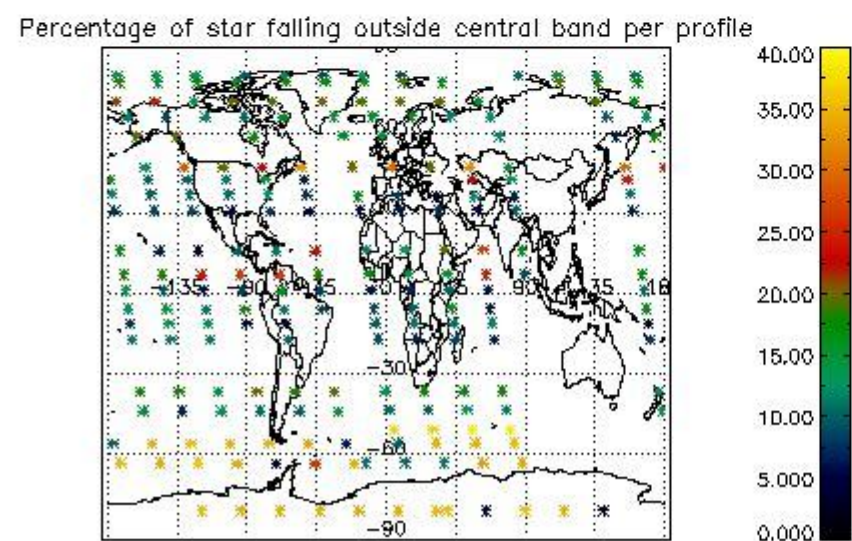
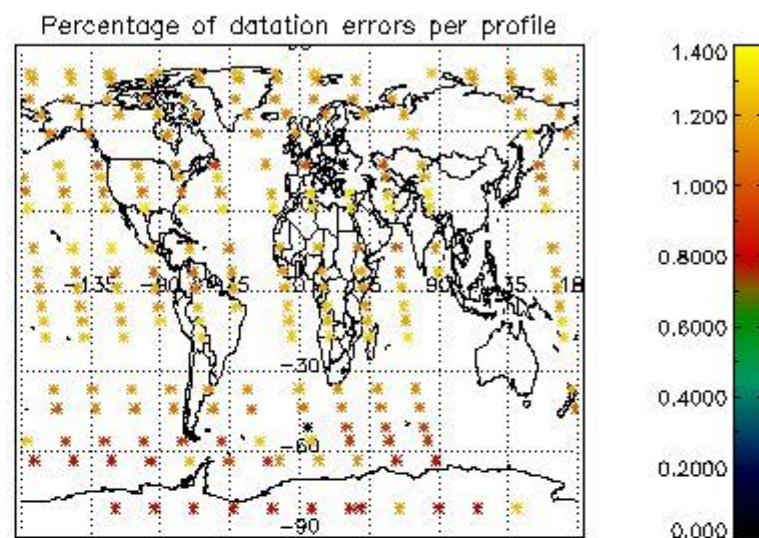
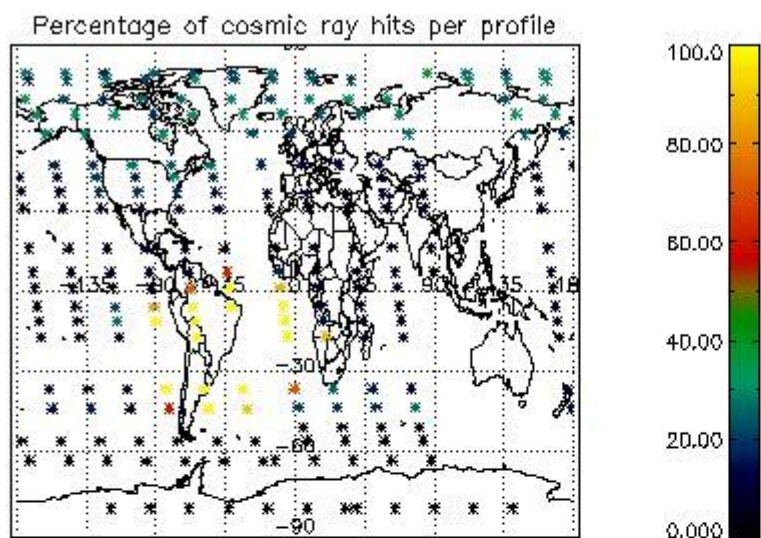


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



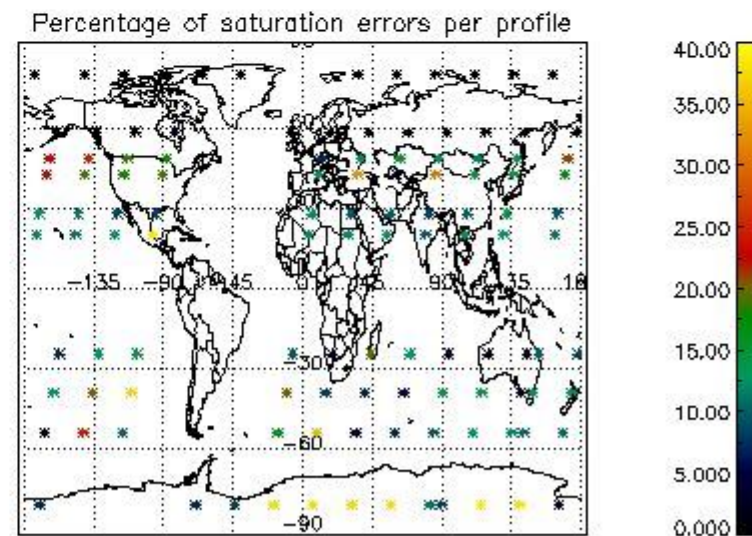
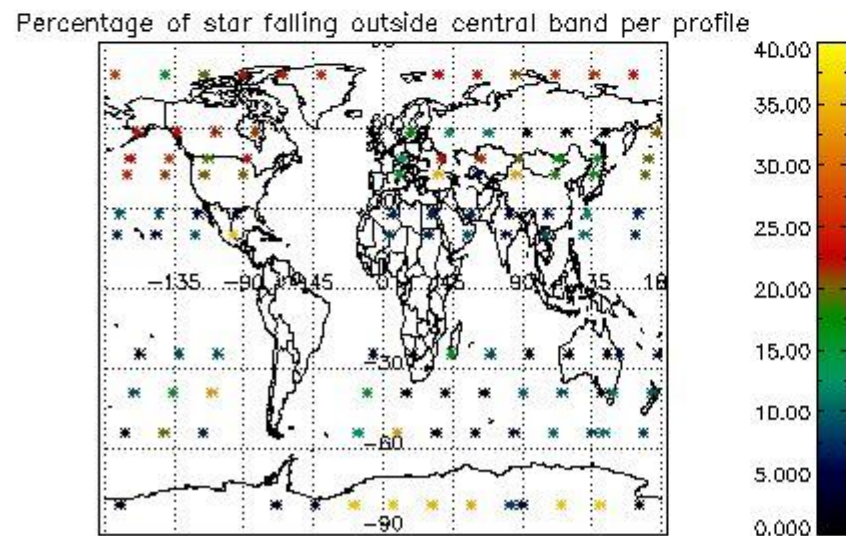
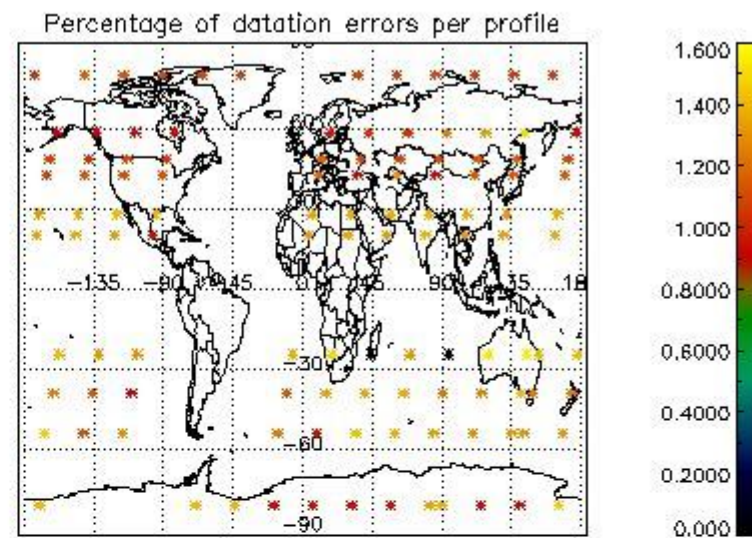
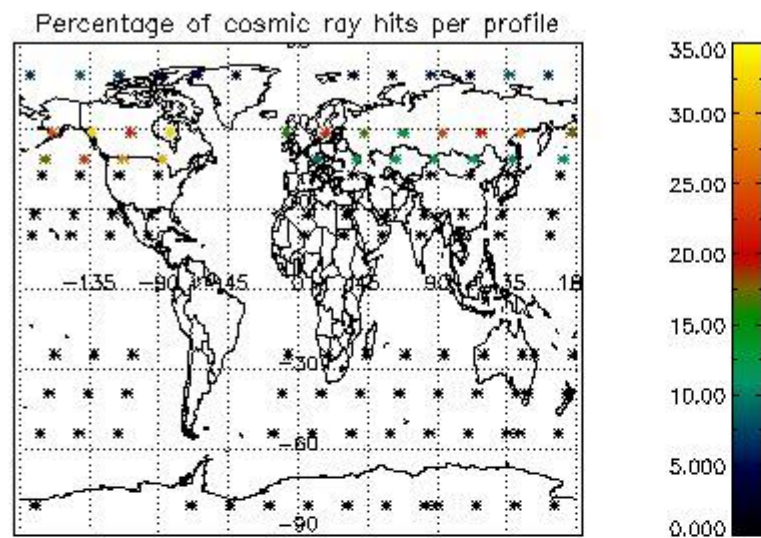
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

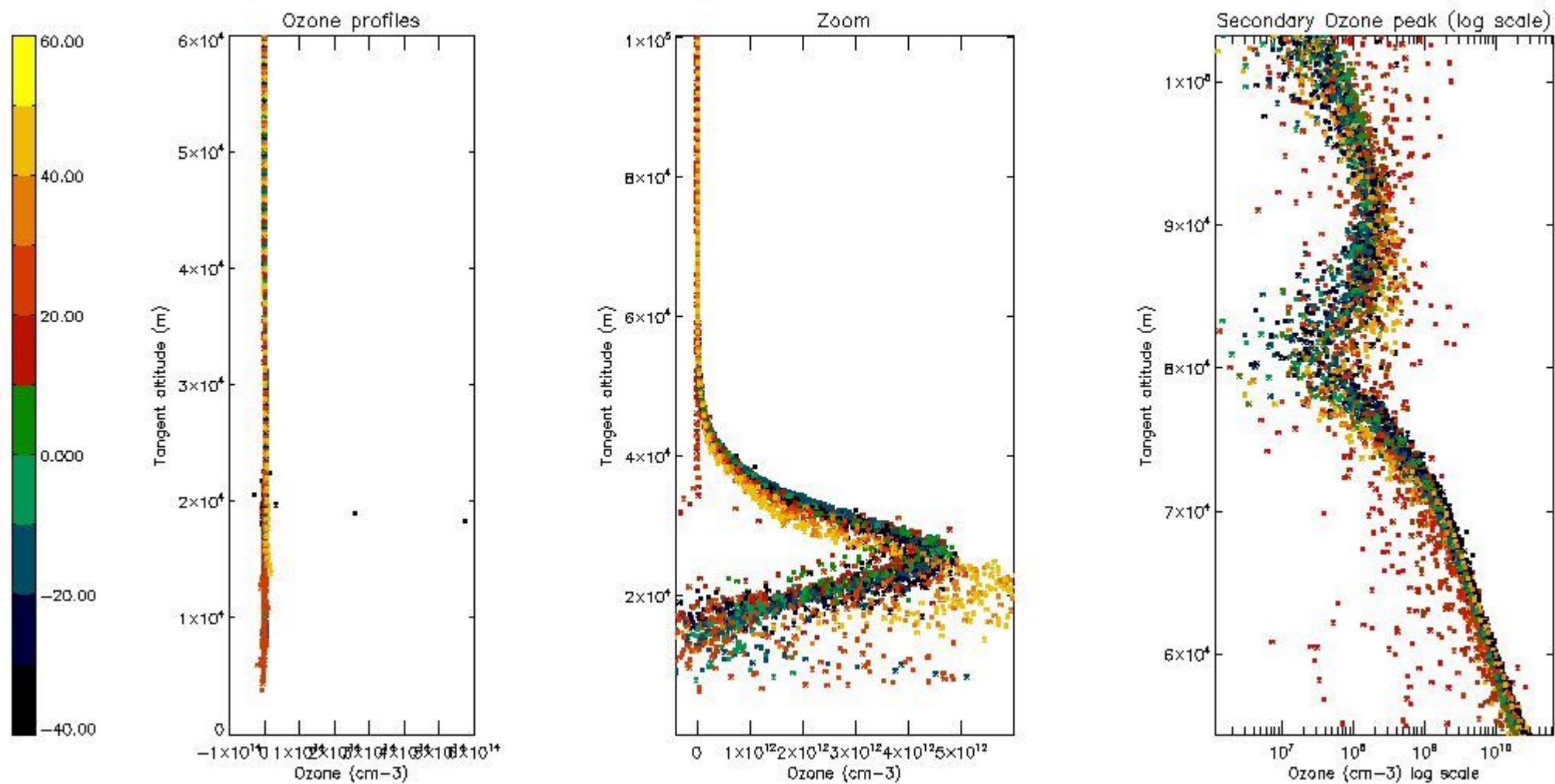
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	21

STD < 10	17
STD < 5	12

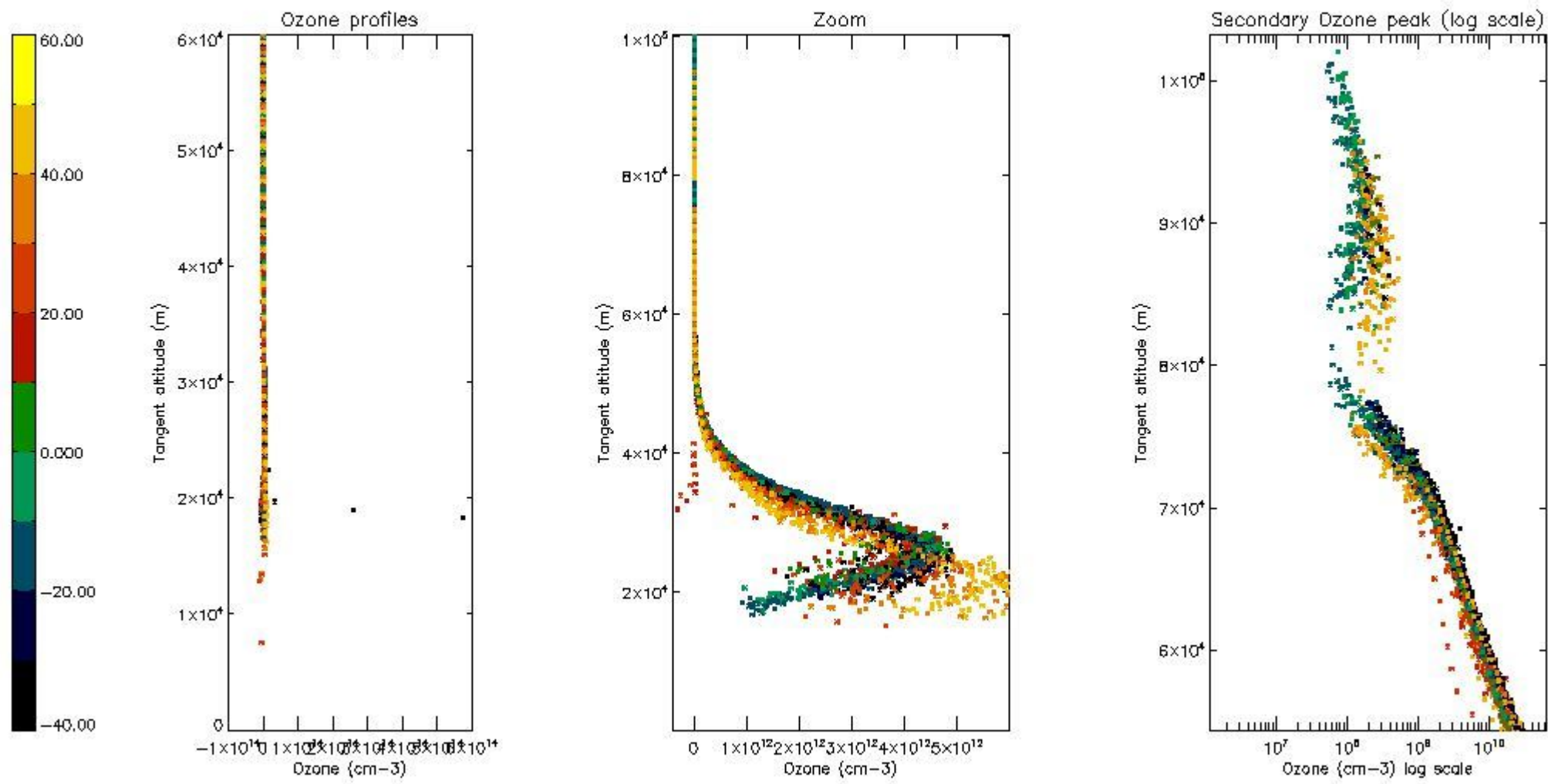
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



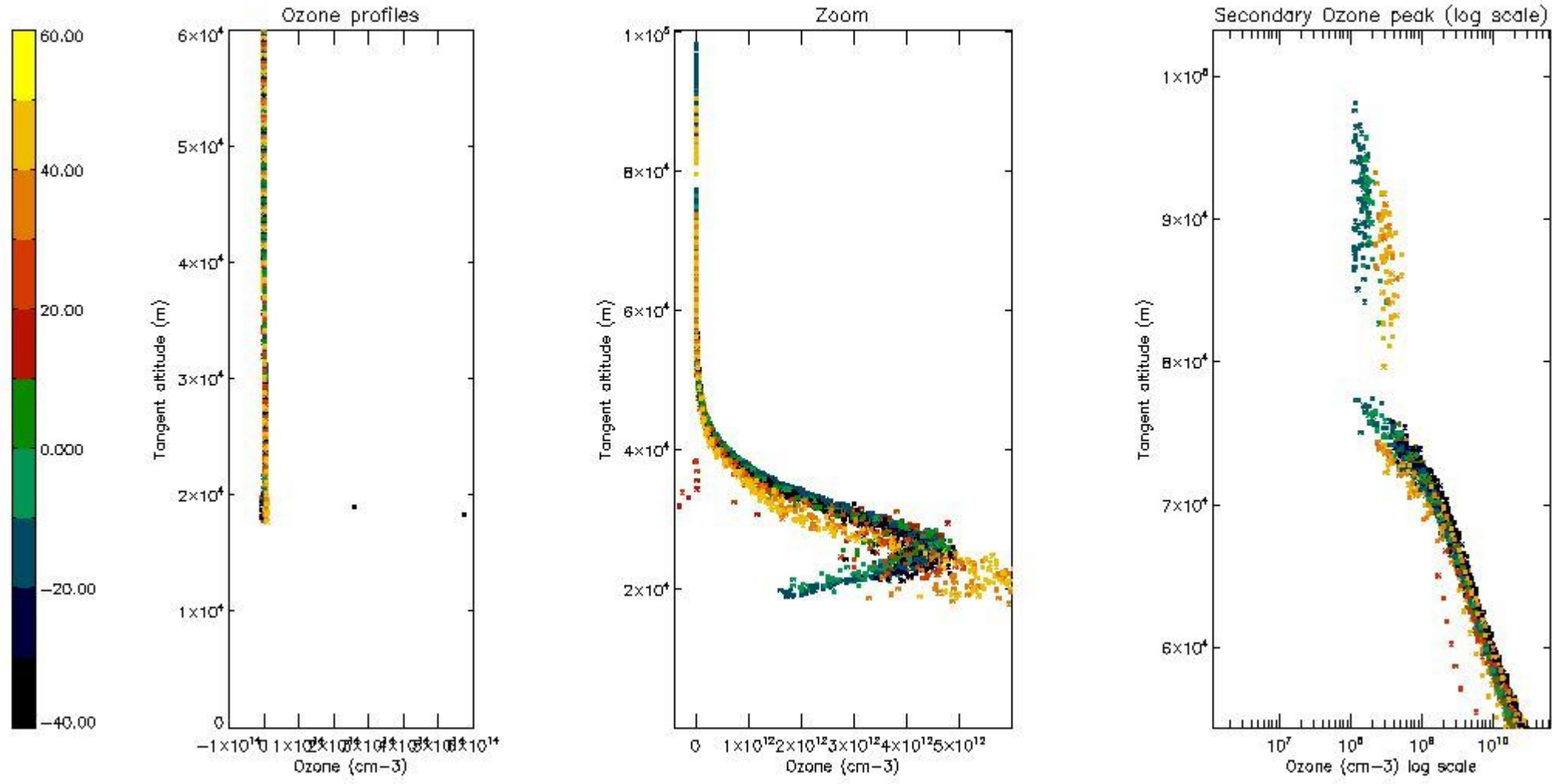
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



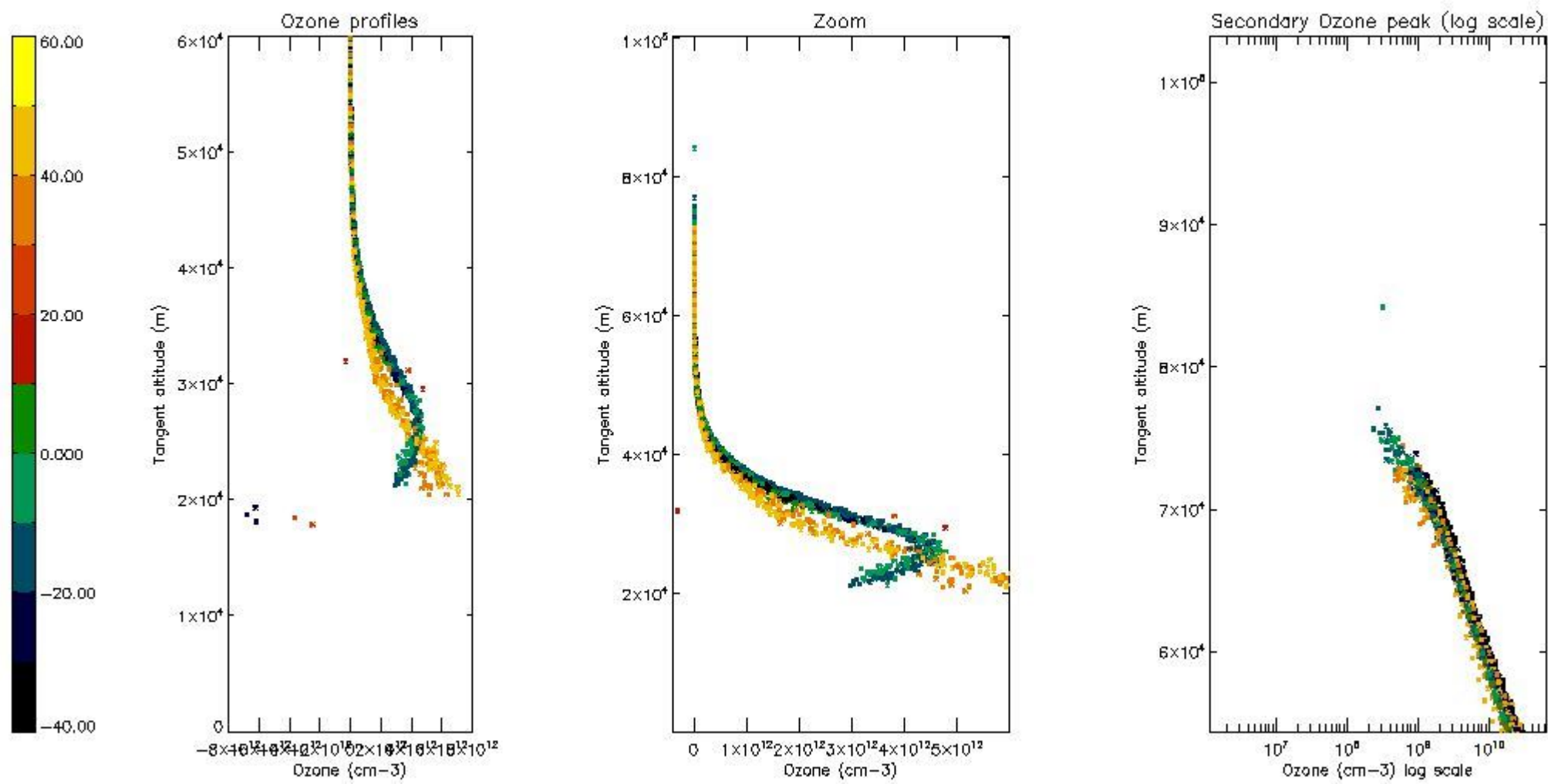
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



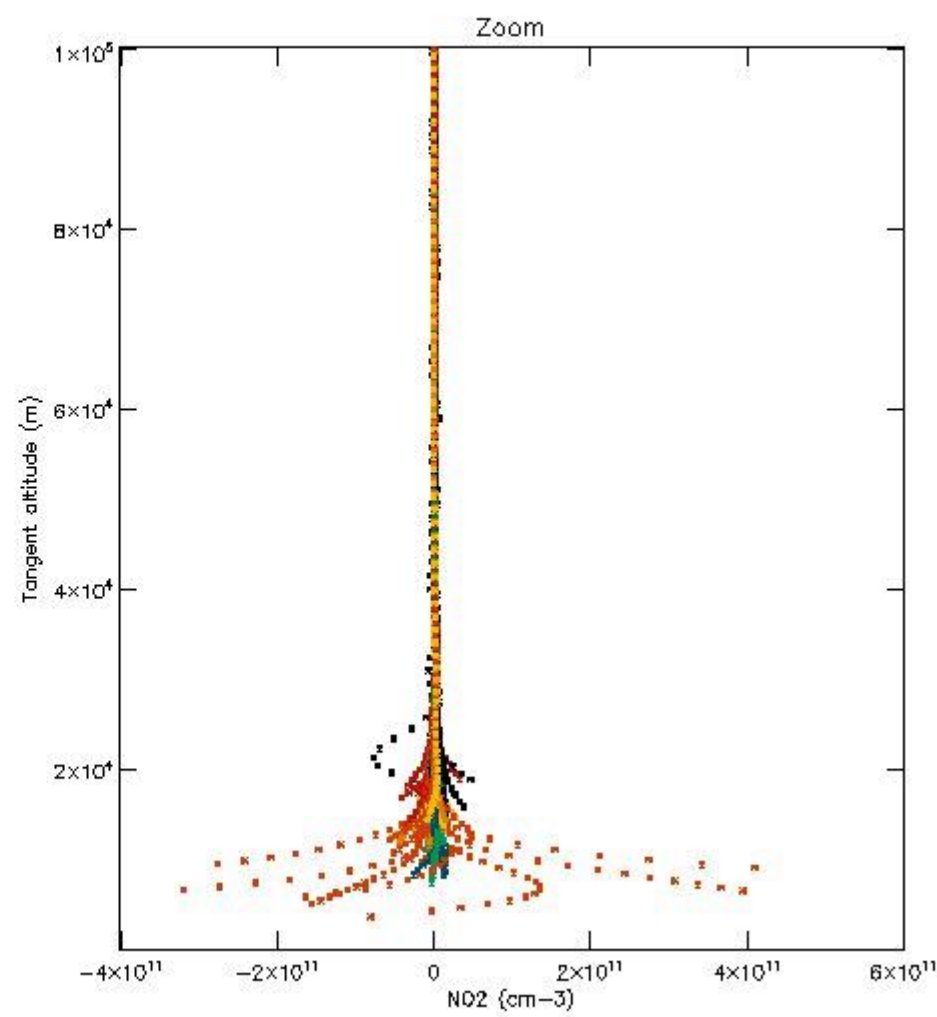
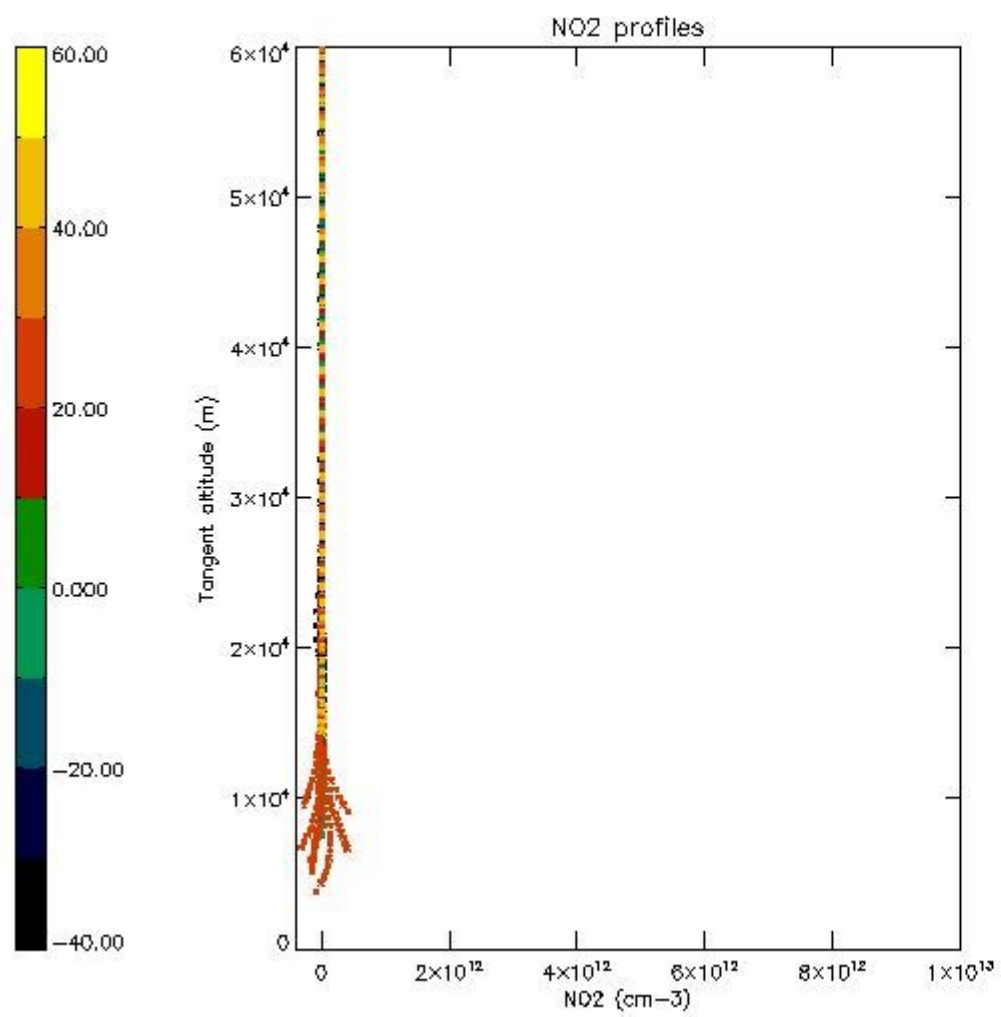
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



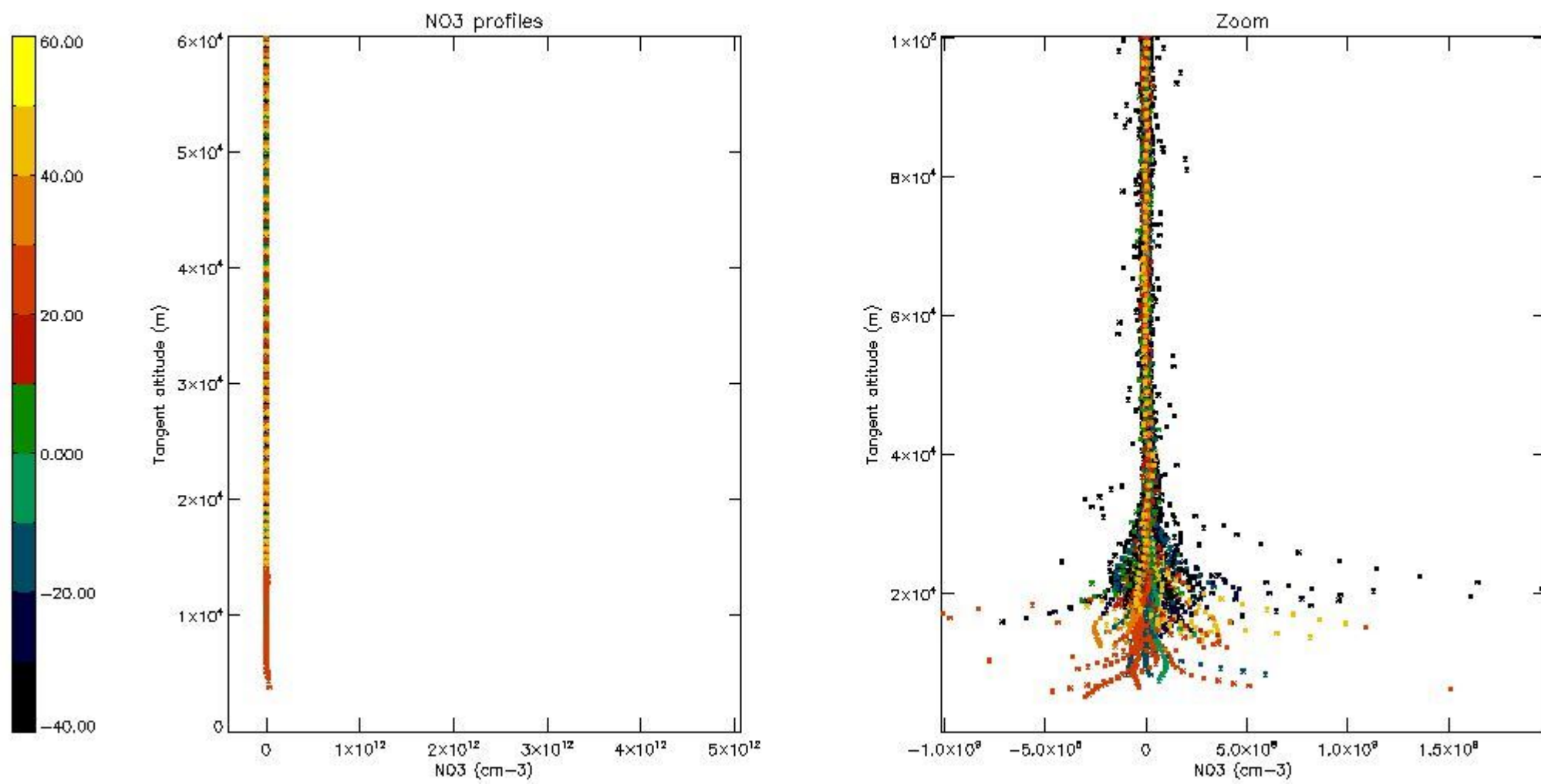
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



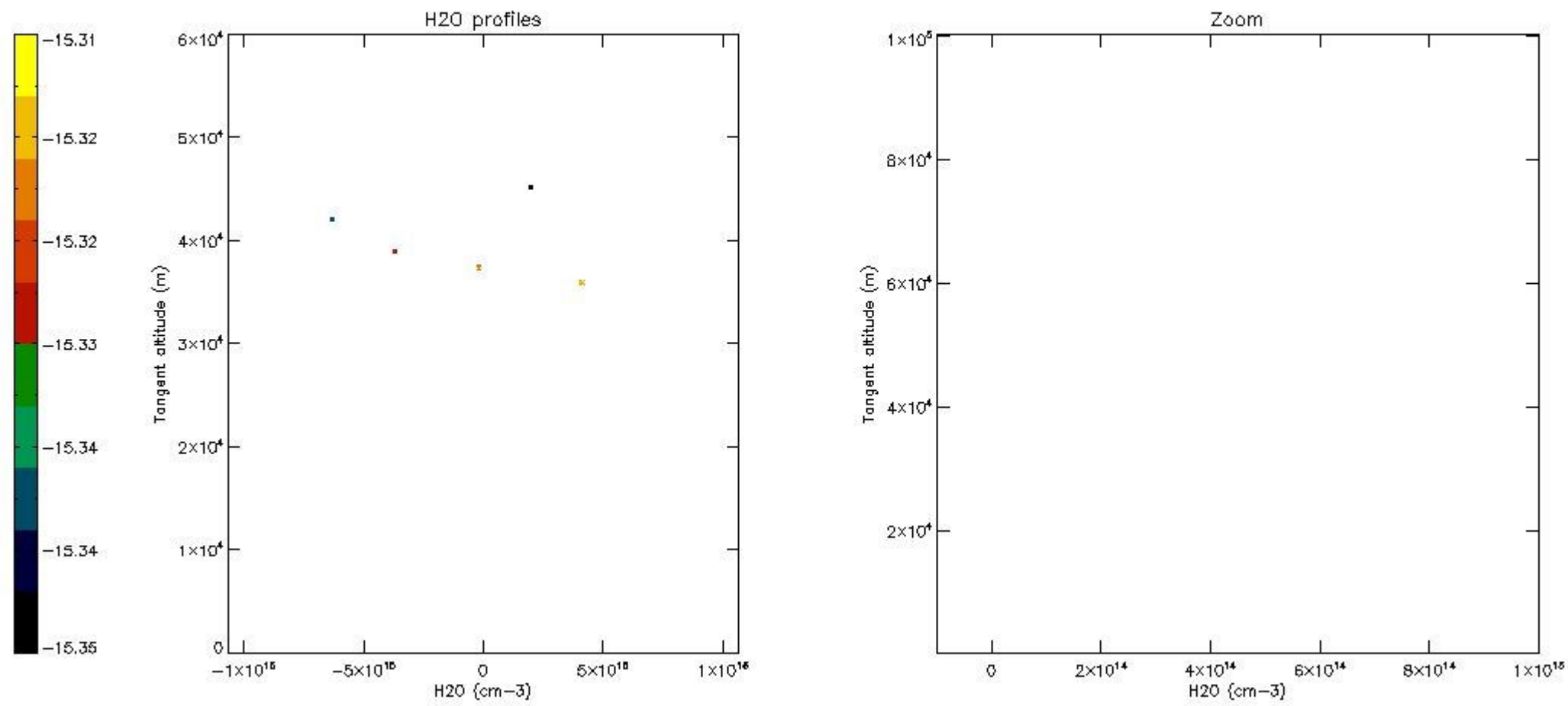
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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.

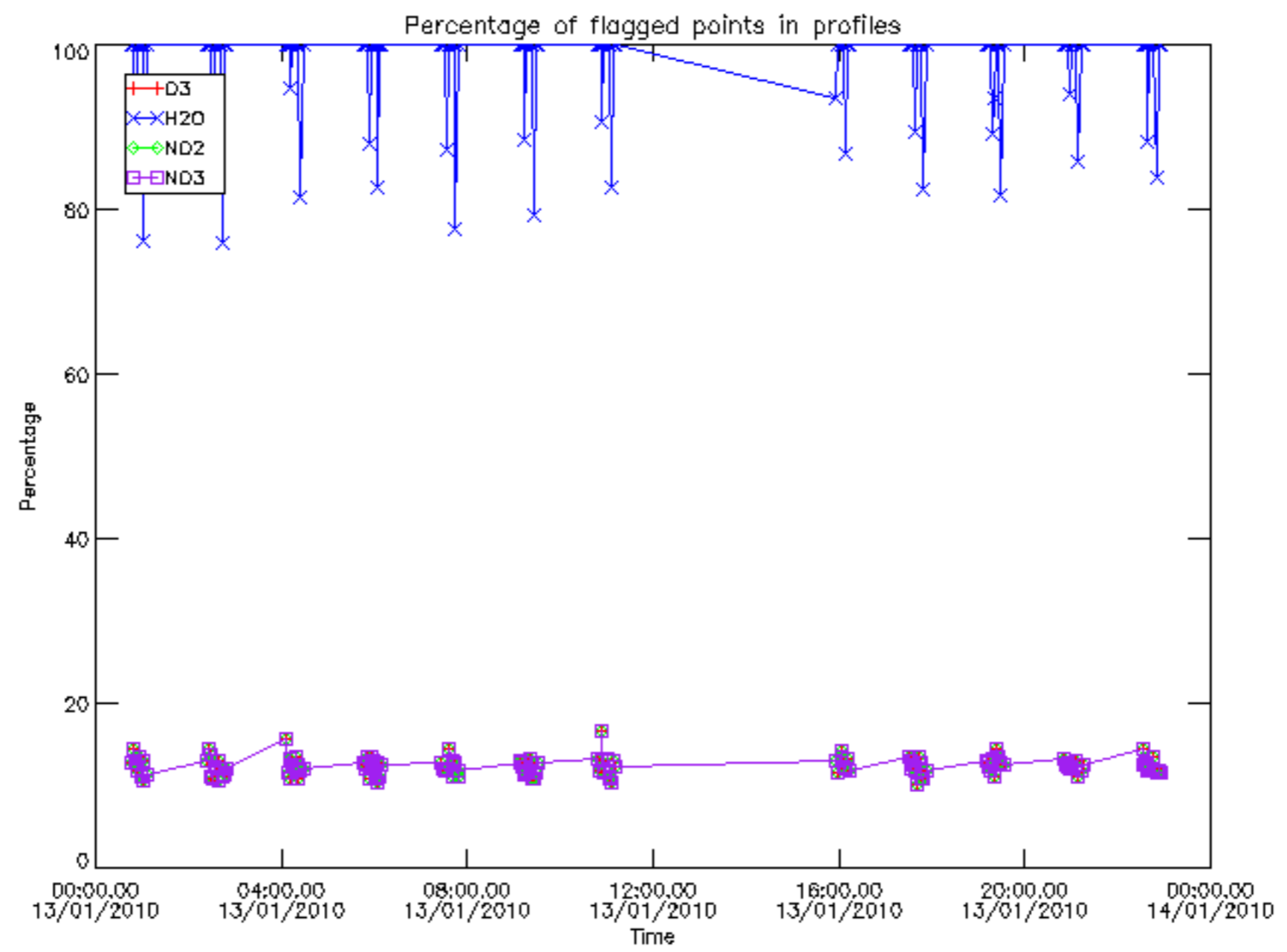


## 6. Auxiliary Data Files used for the production reported in section 2

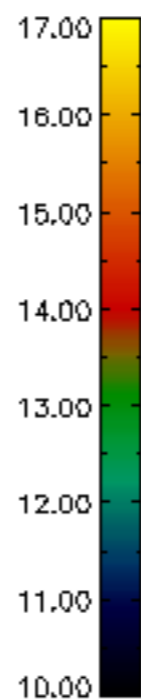
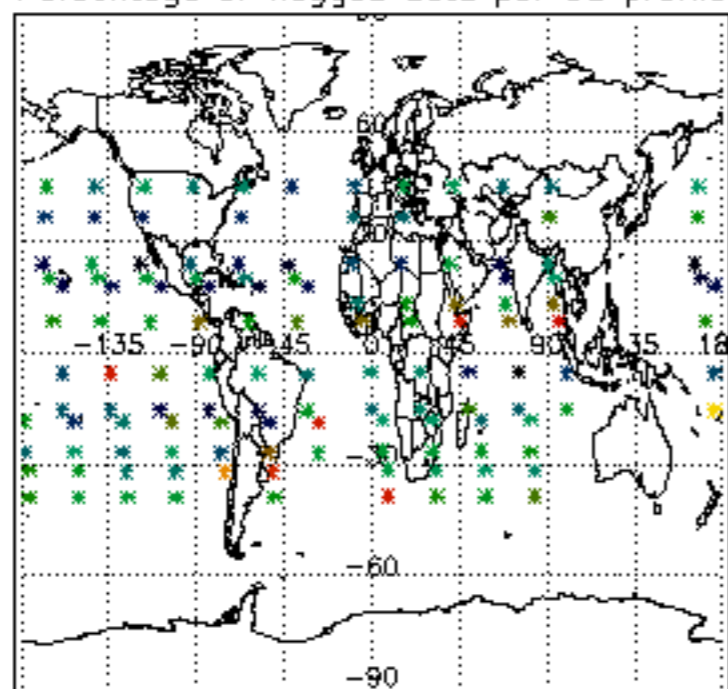
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JAN-2010 00:05:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JAN-2010 00:05:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JAN-2010 00:05:28

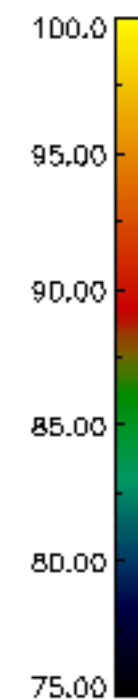
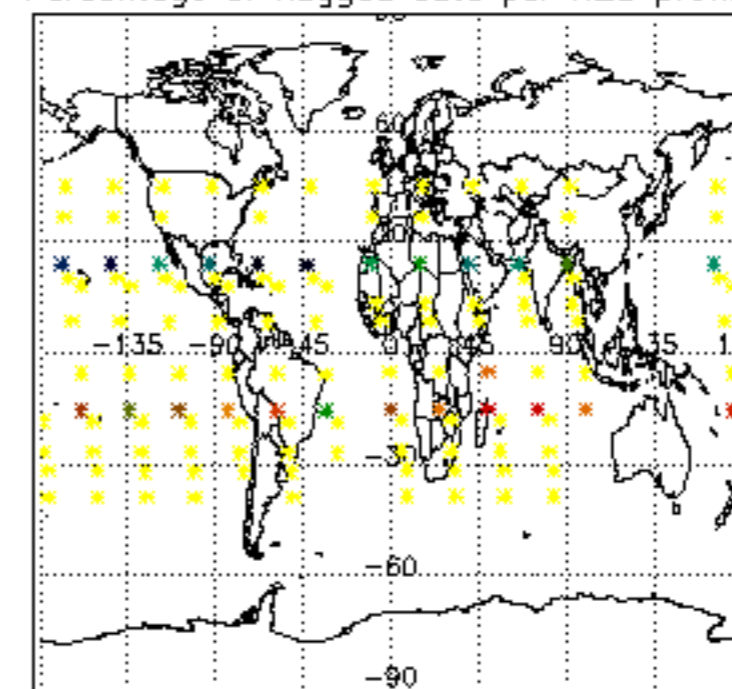




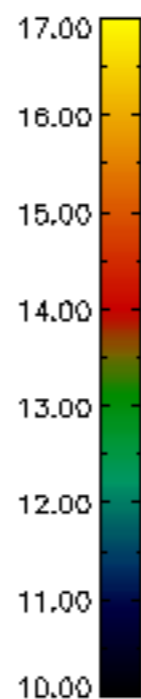
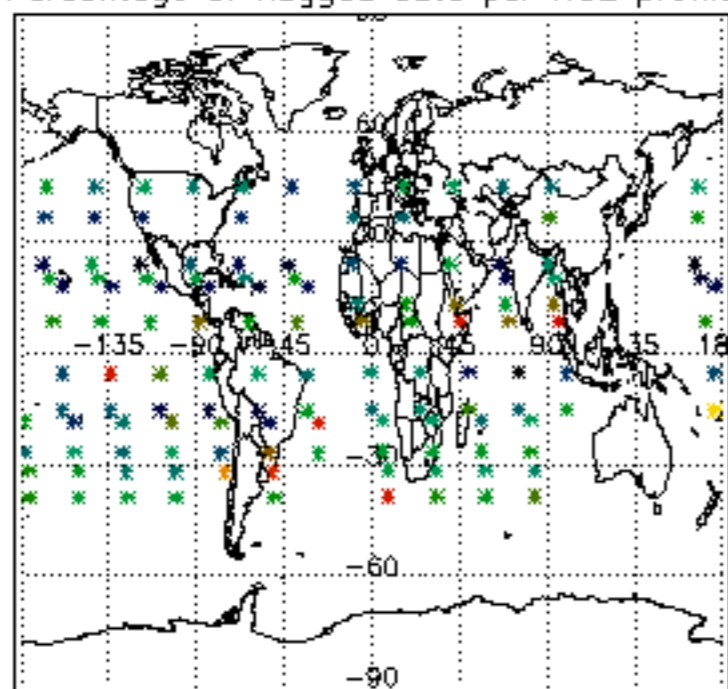
Percentage of flagged data per D3 profile



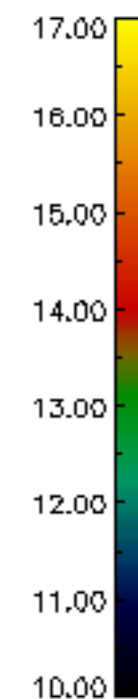
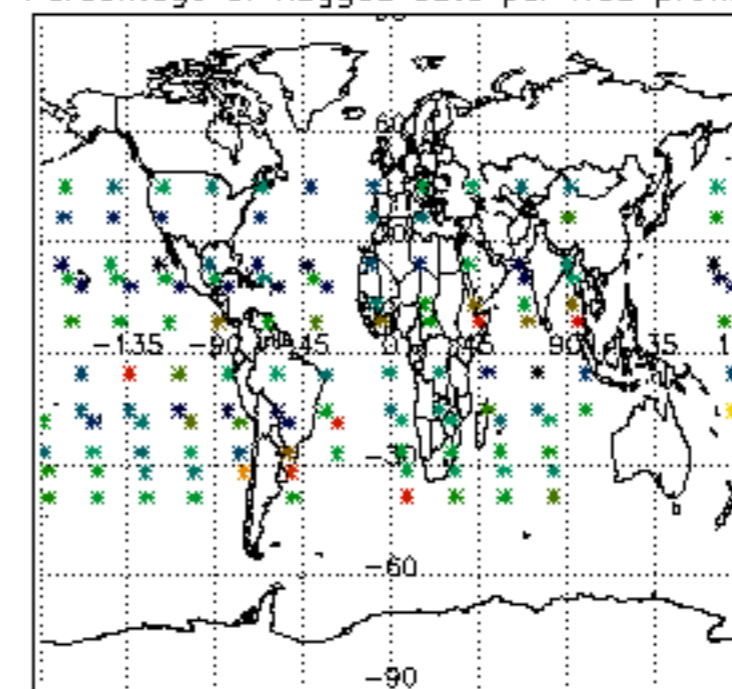
Percentage of flagged data per H2O profile

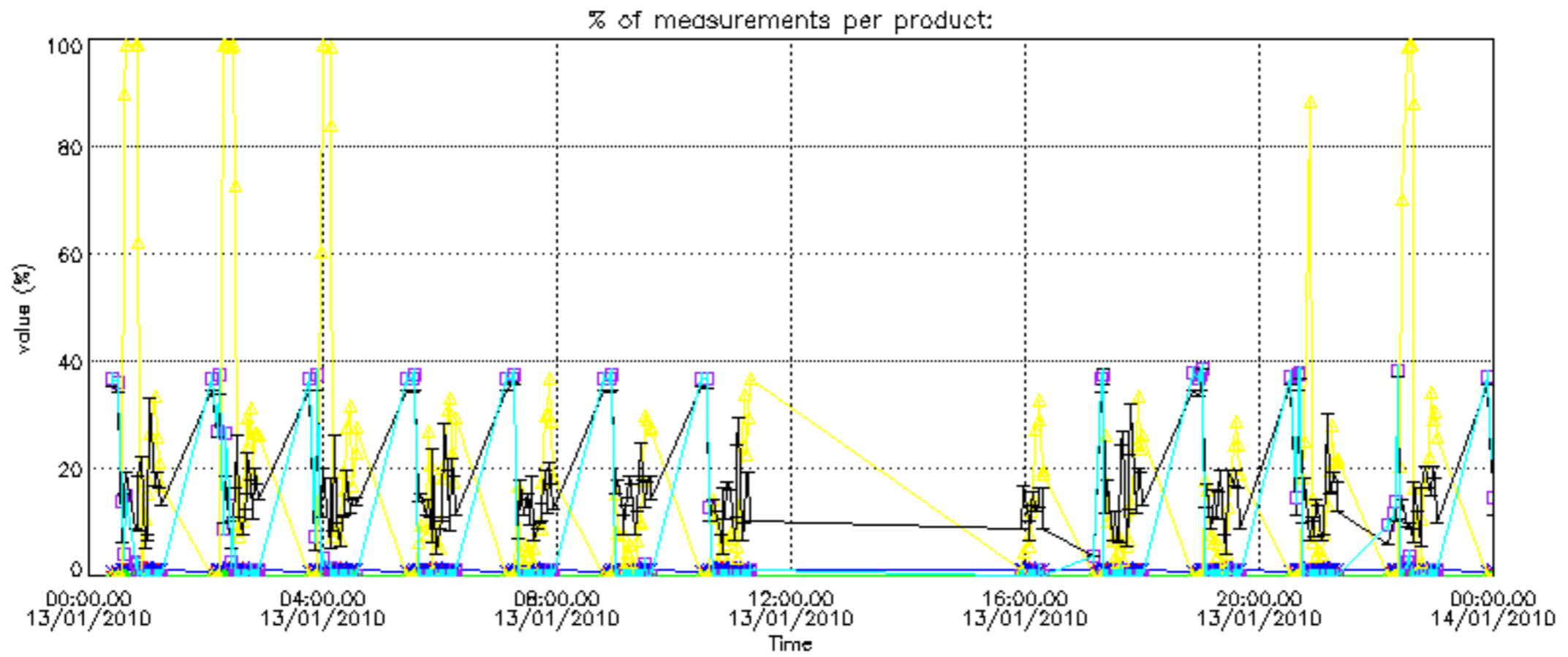


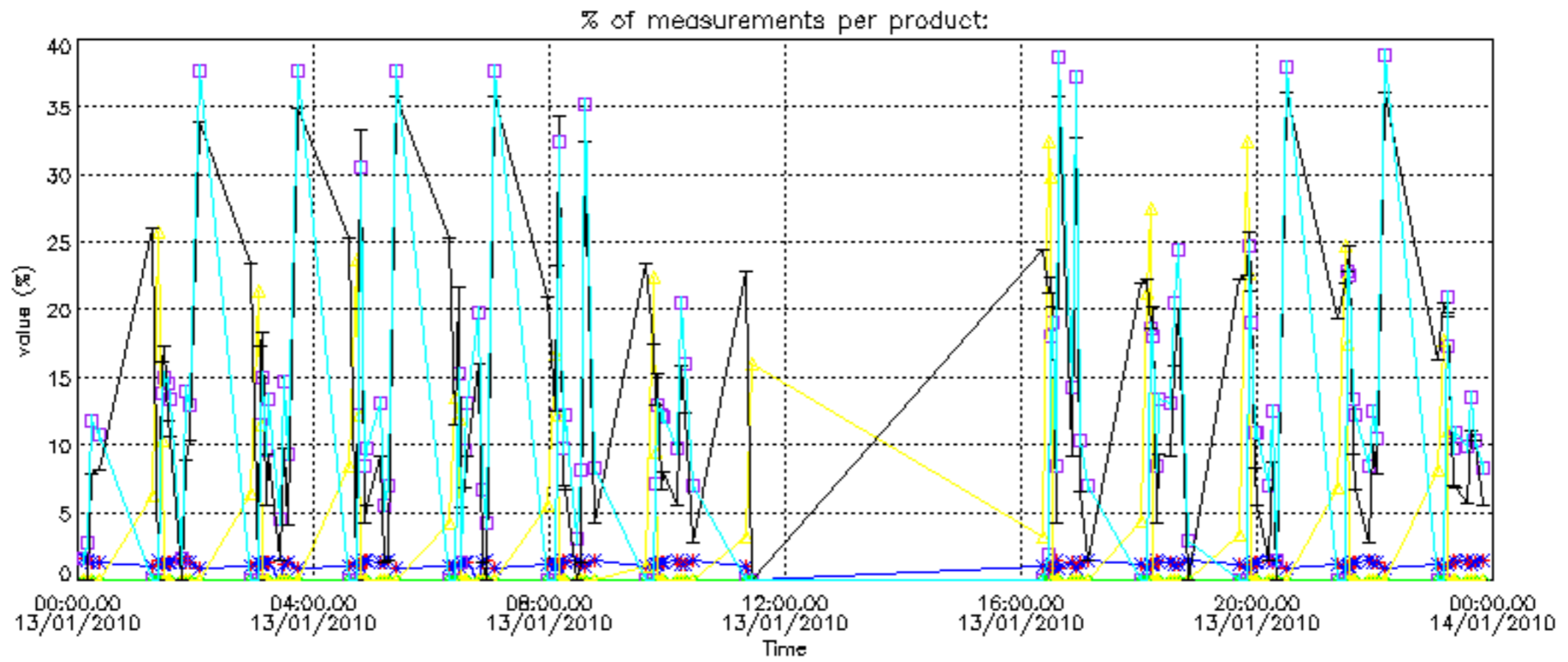
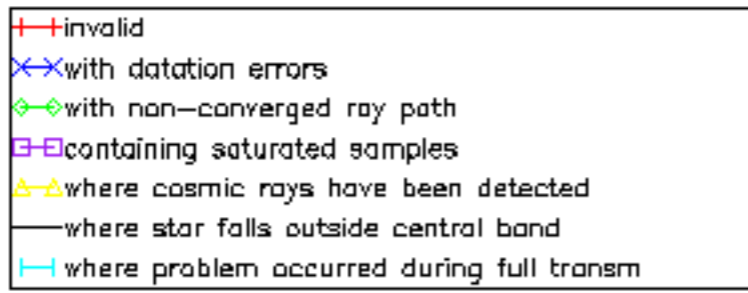
Percentage of flagged data per NO2 profile



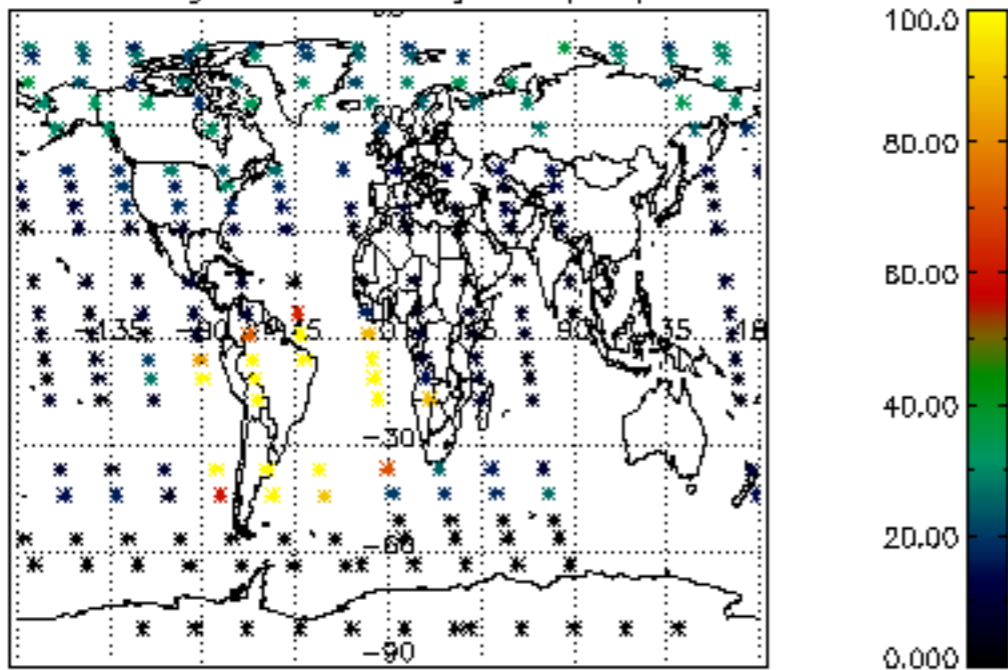
Percentage of flagged data per NO3 profile



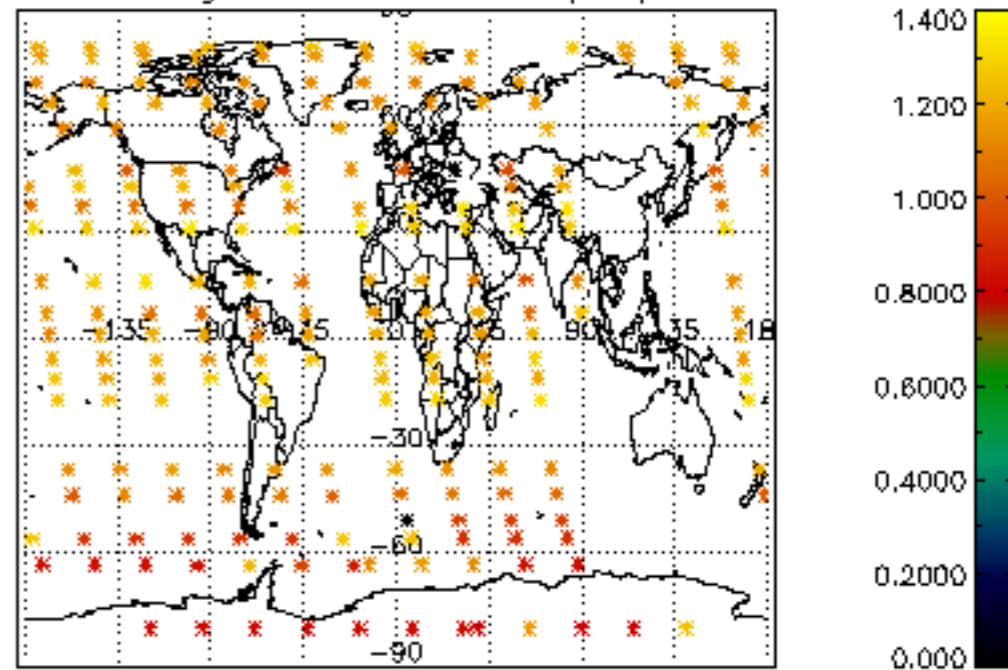




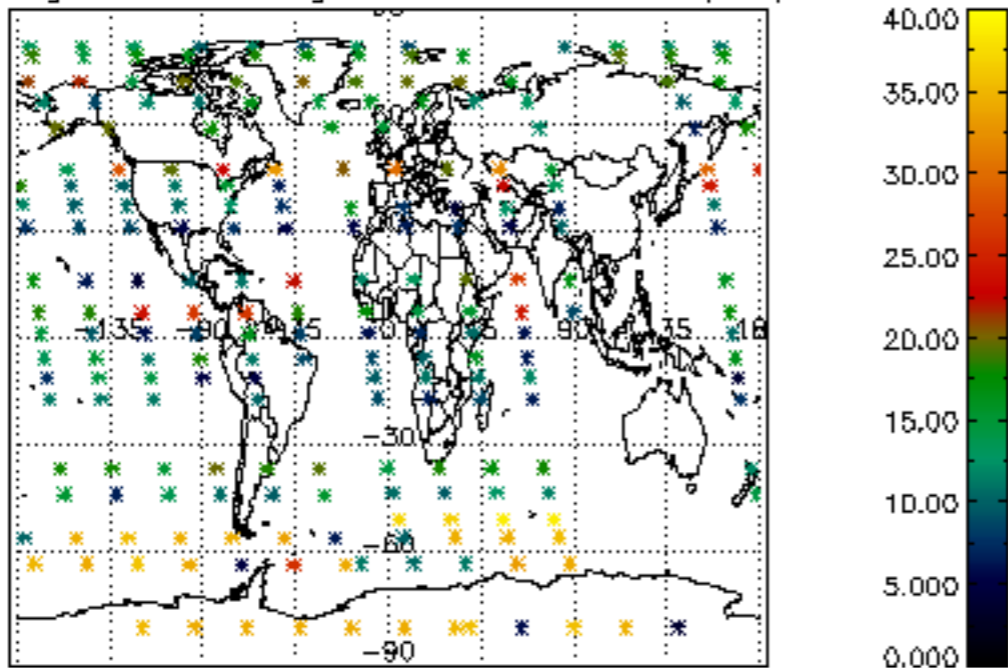
Percentage of cosmic ray hits per profile



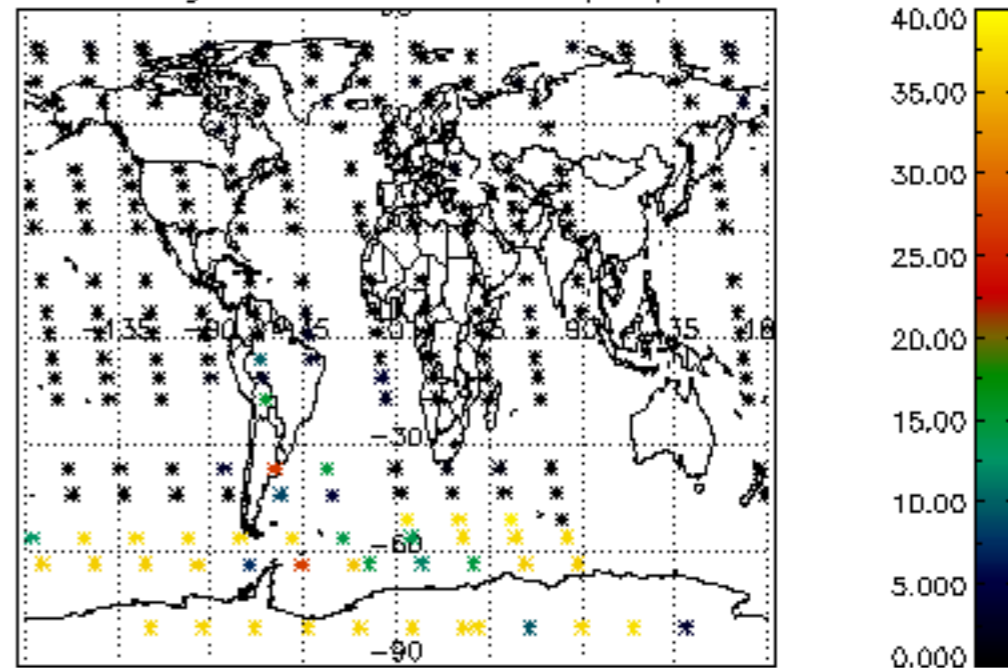
Percentage of datation errors per profile



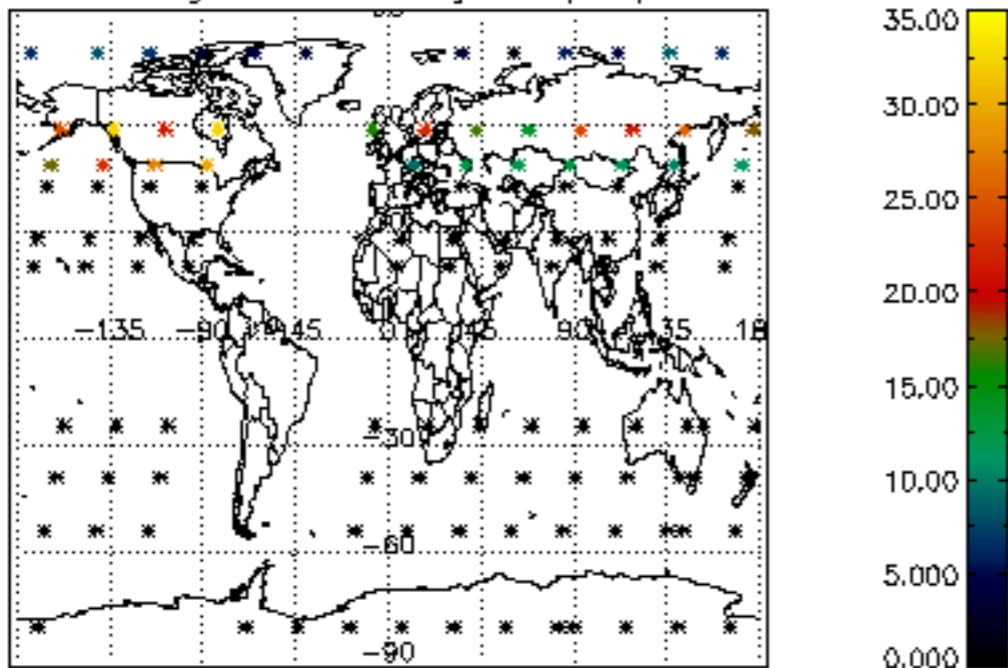
Percentage of star falling outside central band per profile



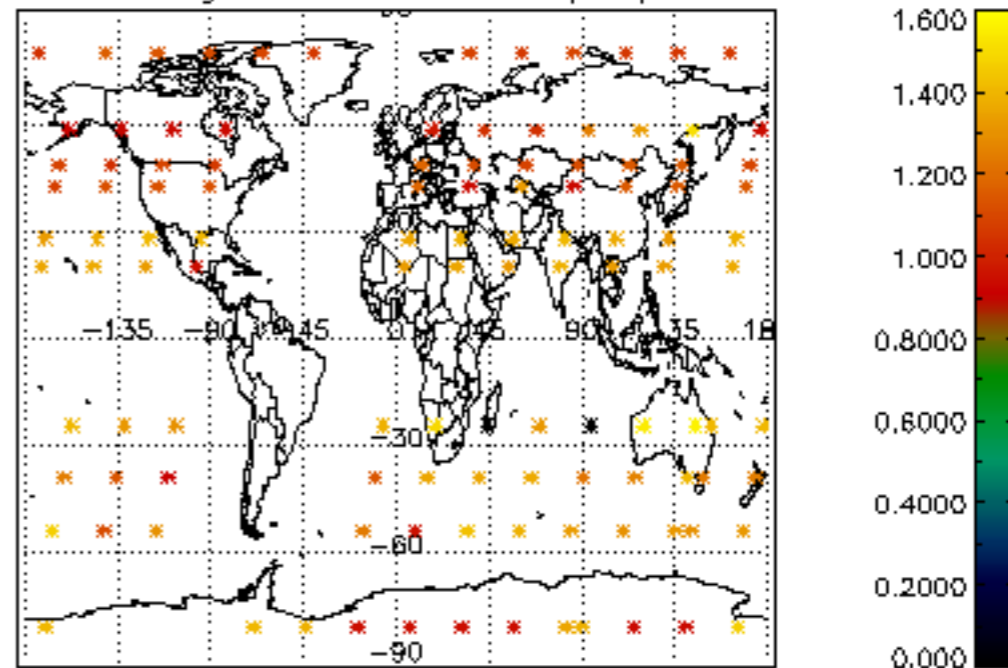
Percentage of saturation errors per profile



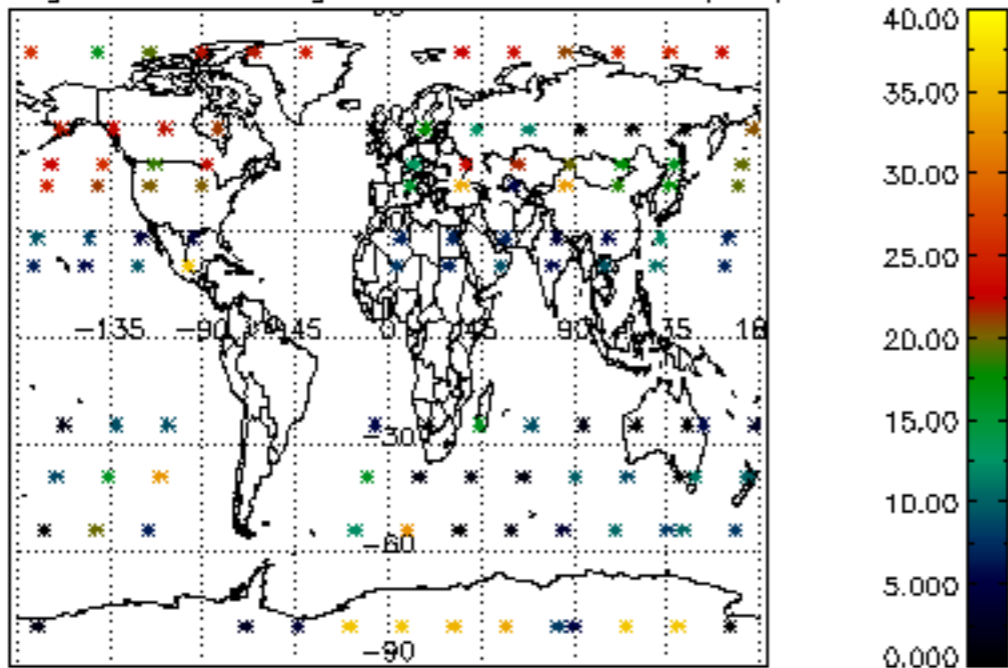
Percentage of cosmic ray hits per profile



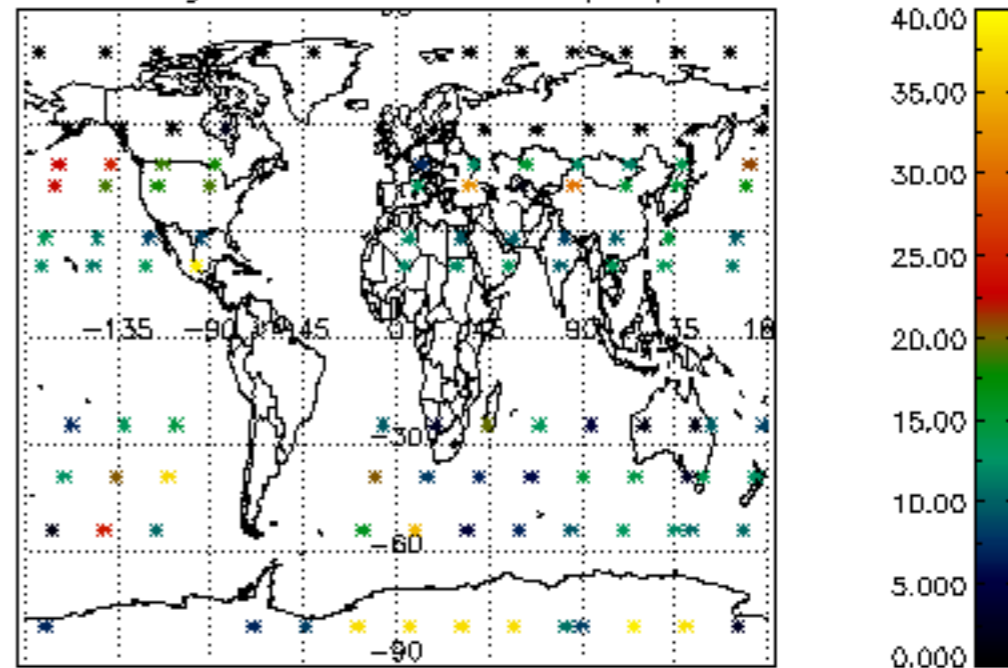
Percentage of datation errors per profile

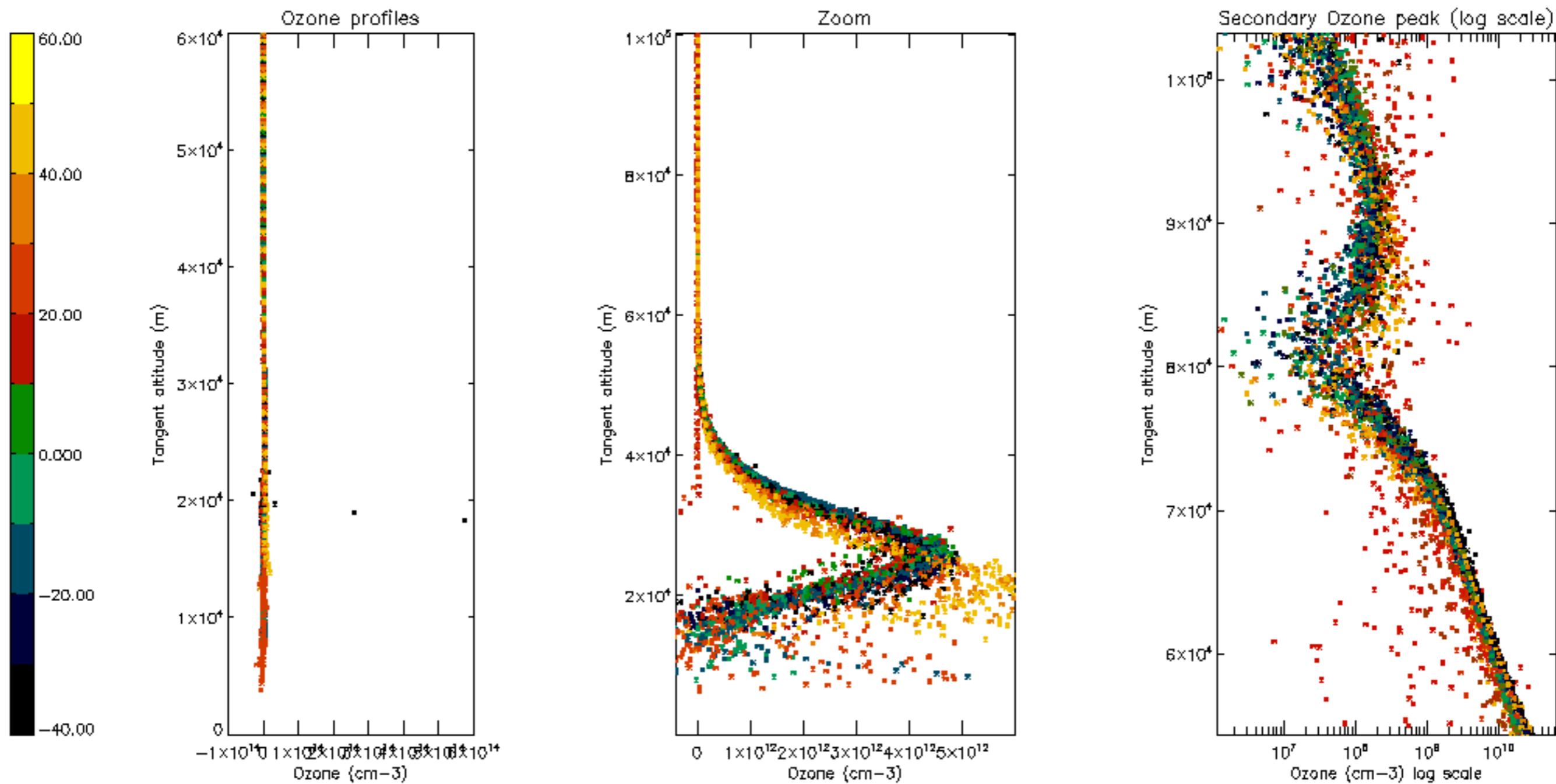


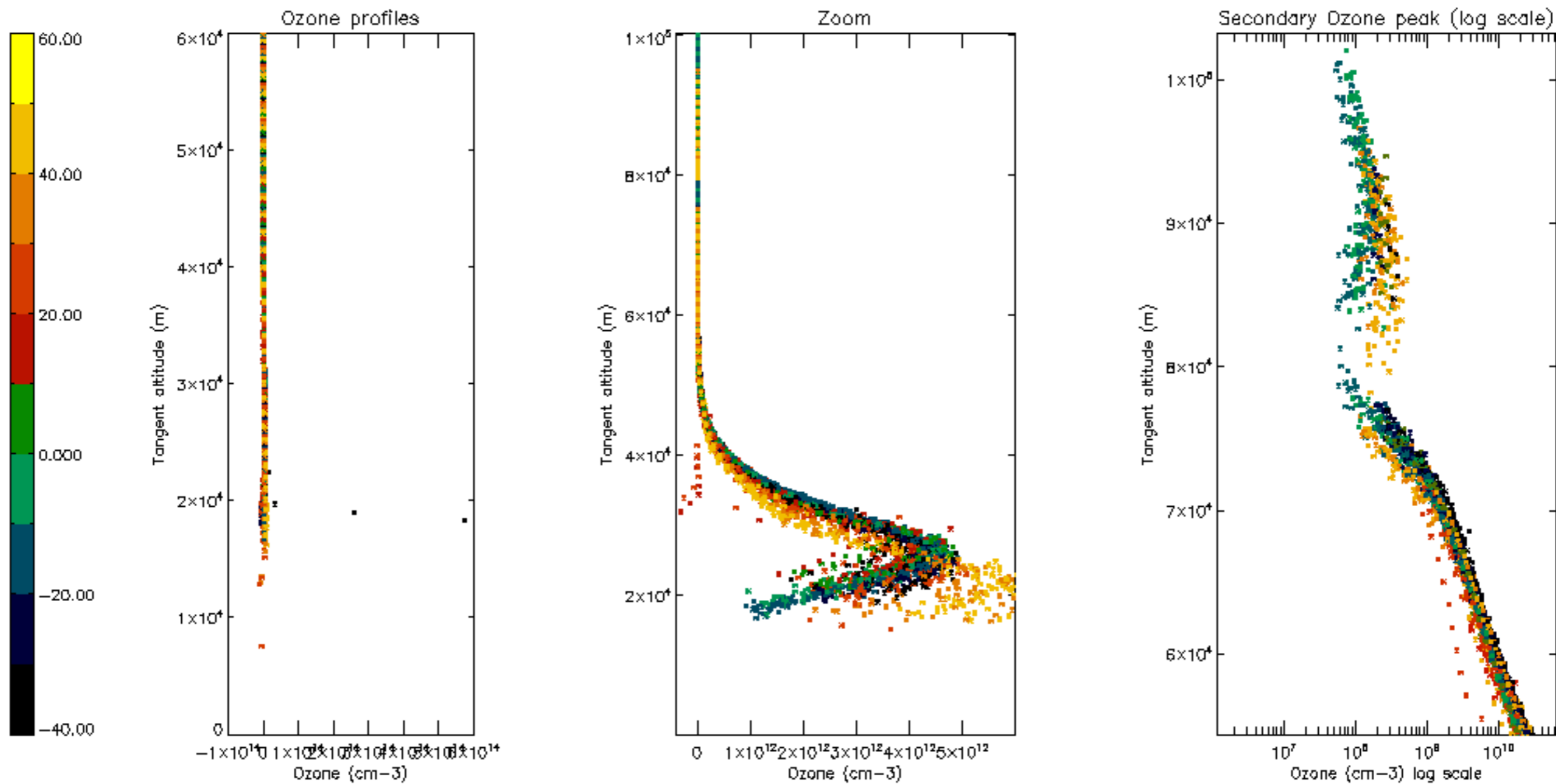
Percentage of star falling outside central band per profile



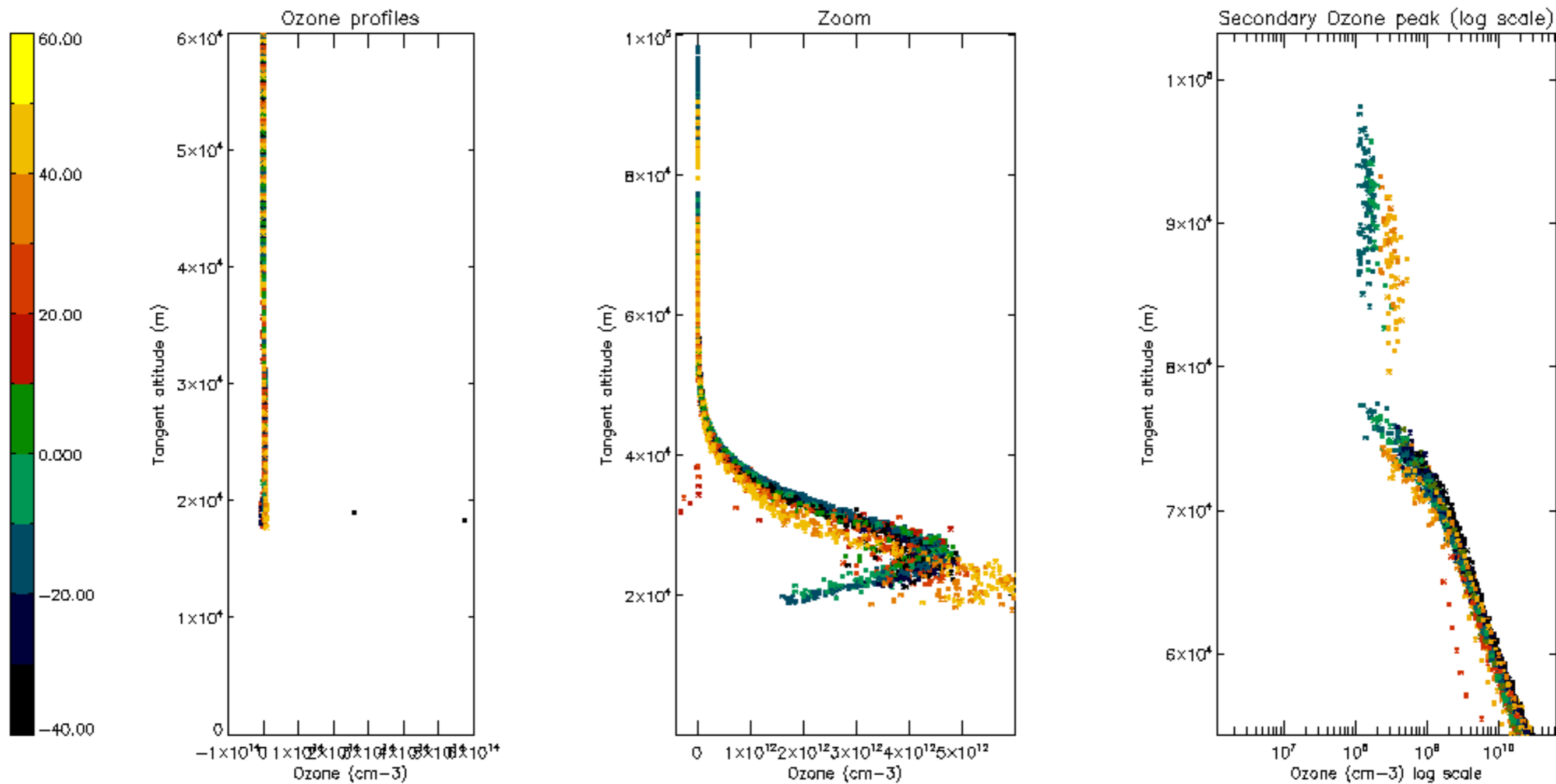
Percentage of saturation errors per profile

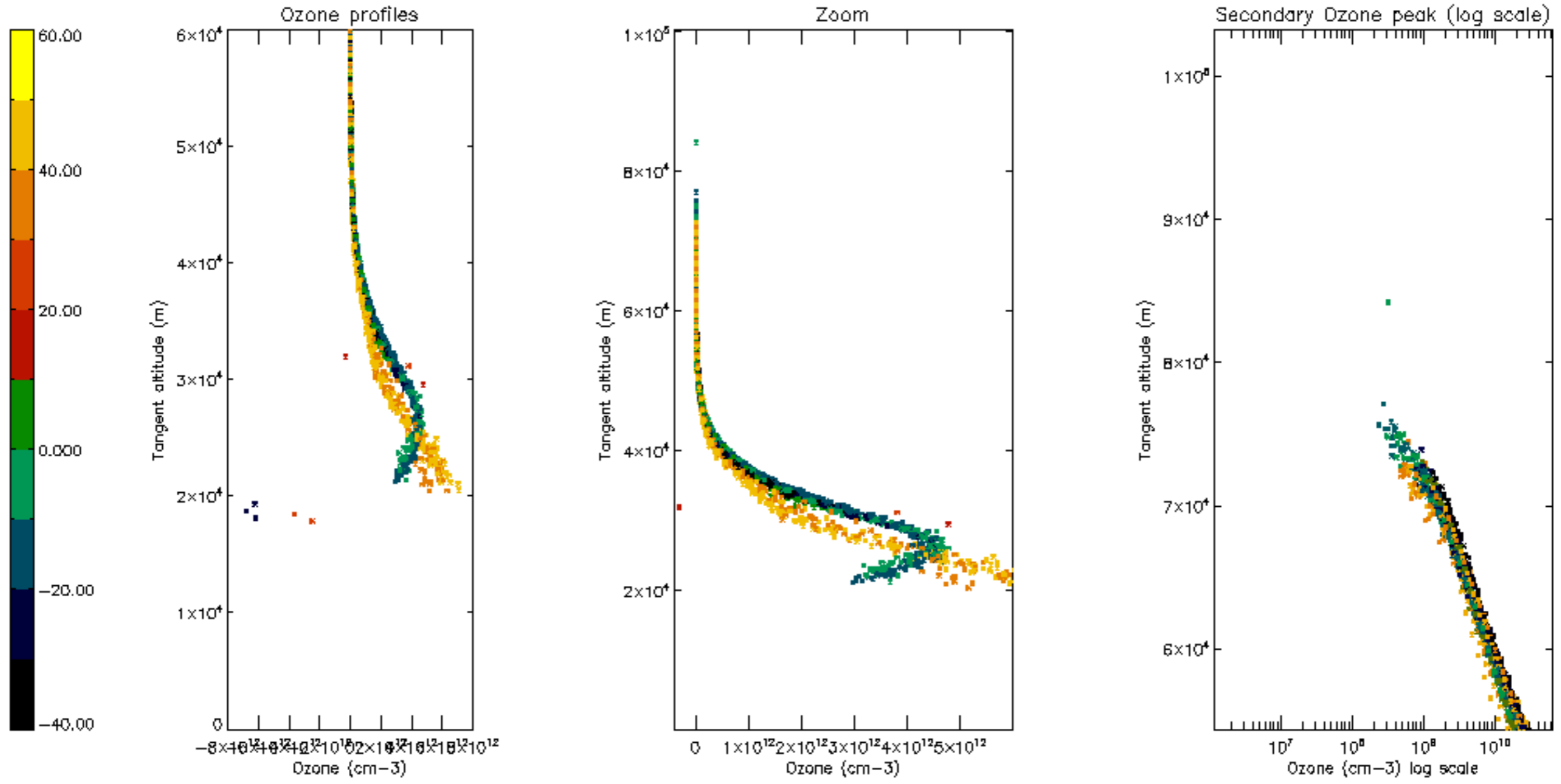


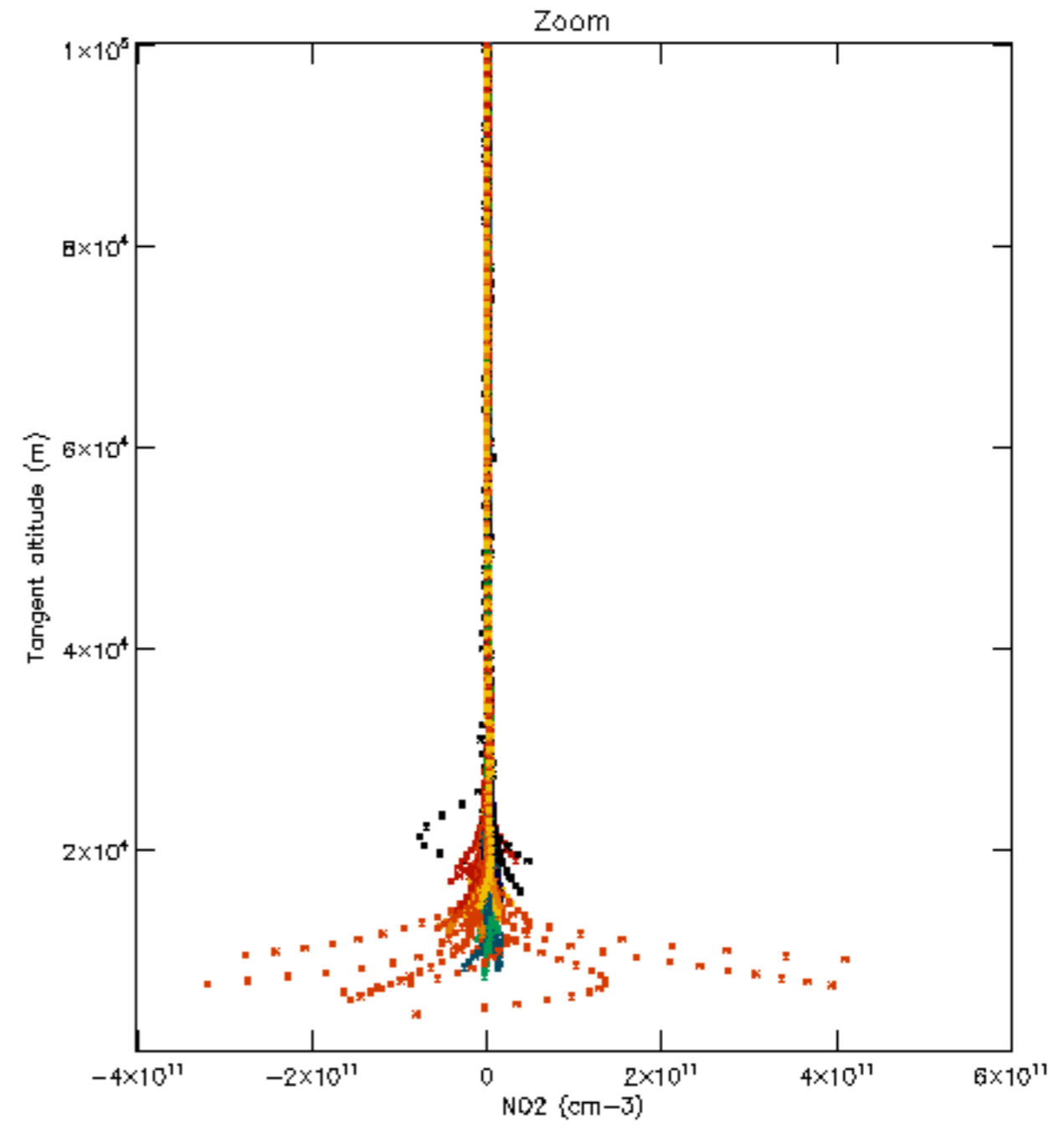
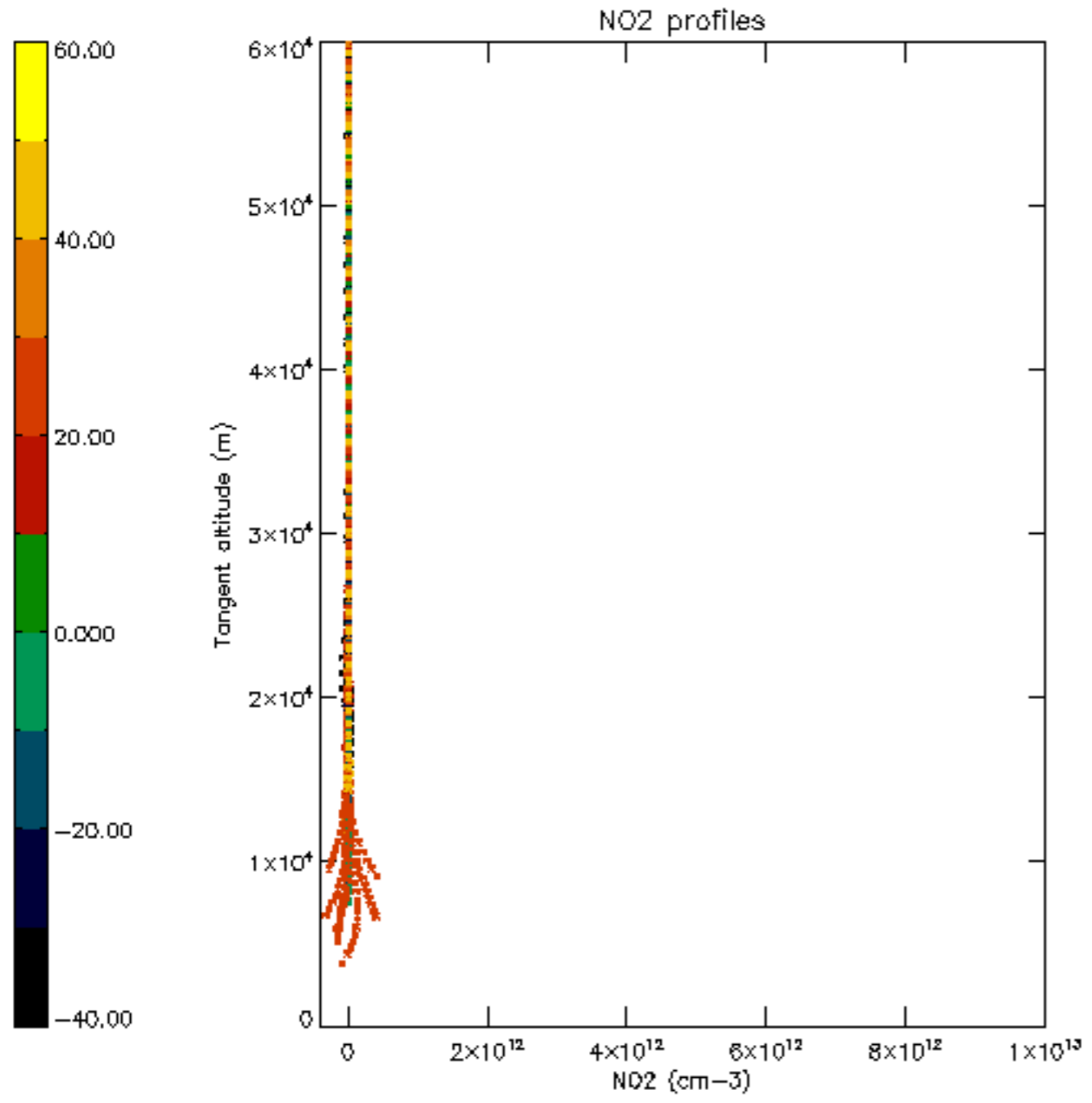


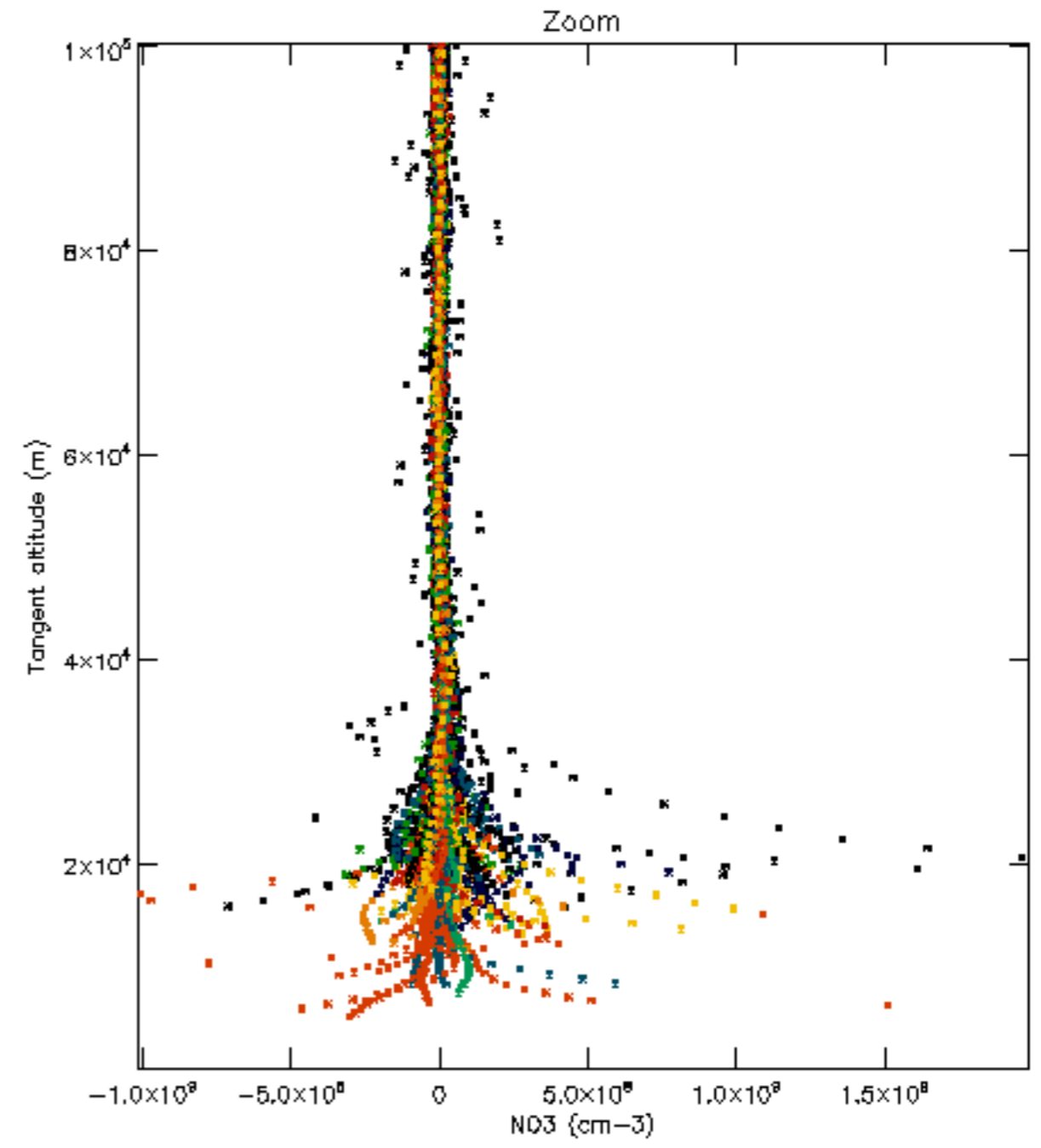
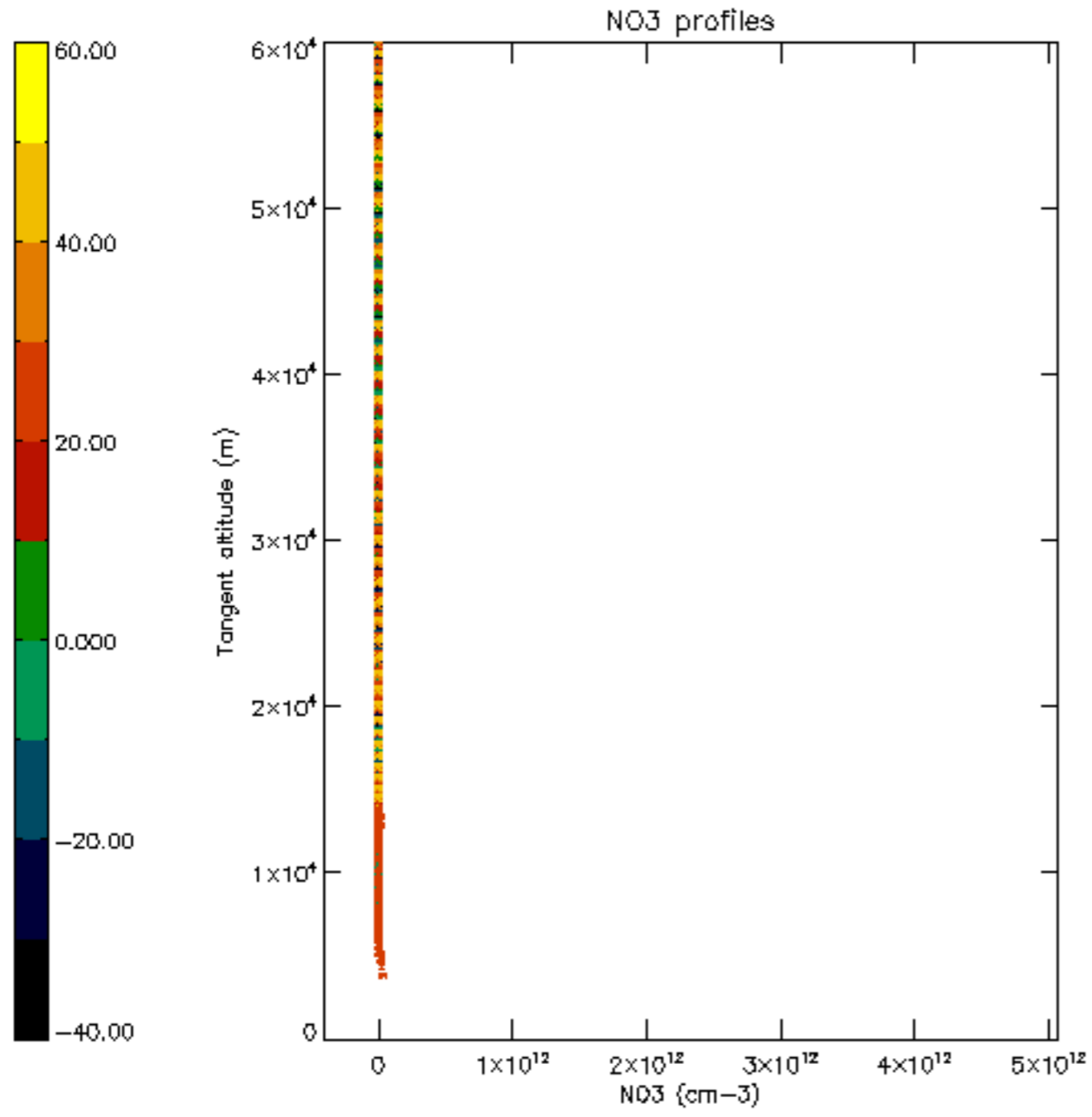


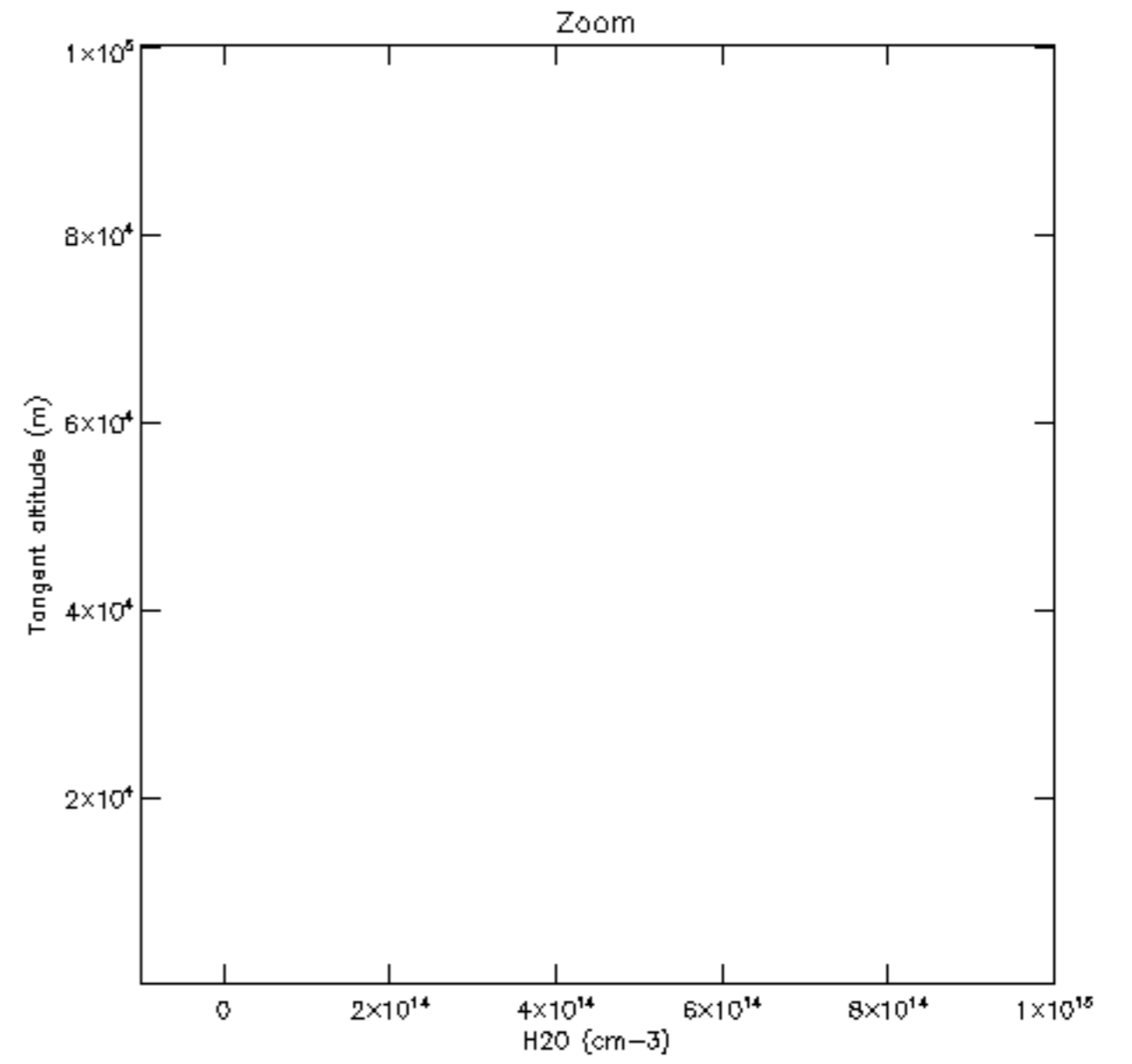
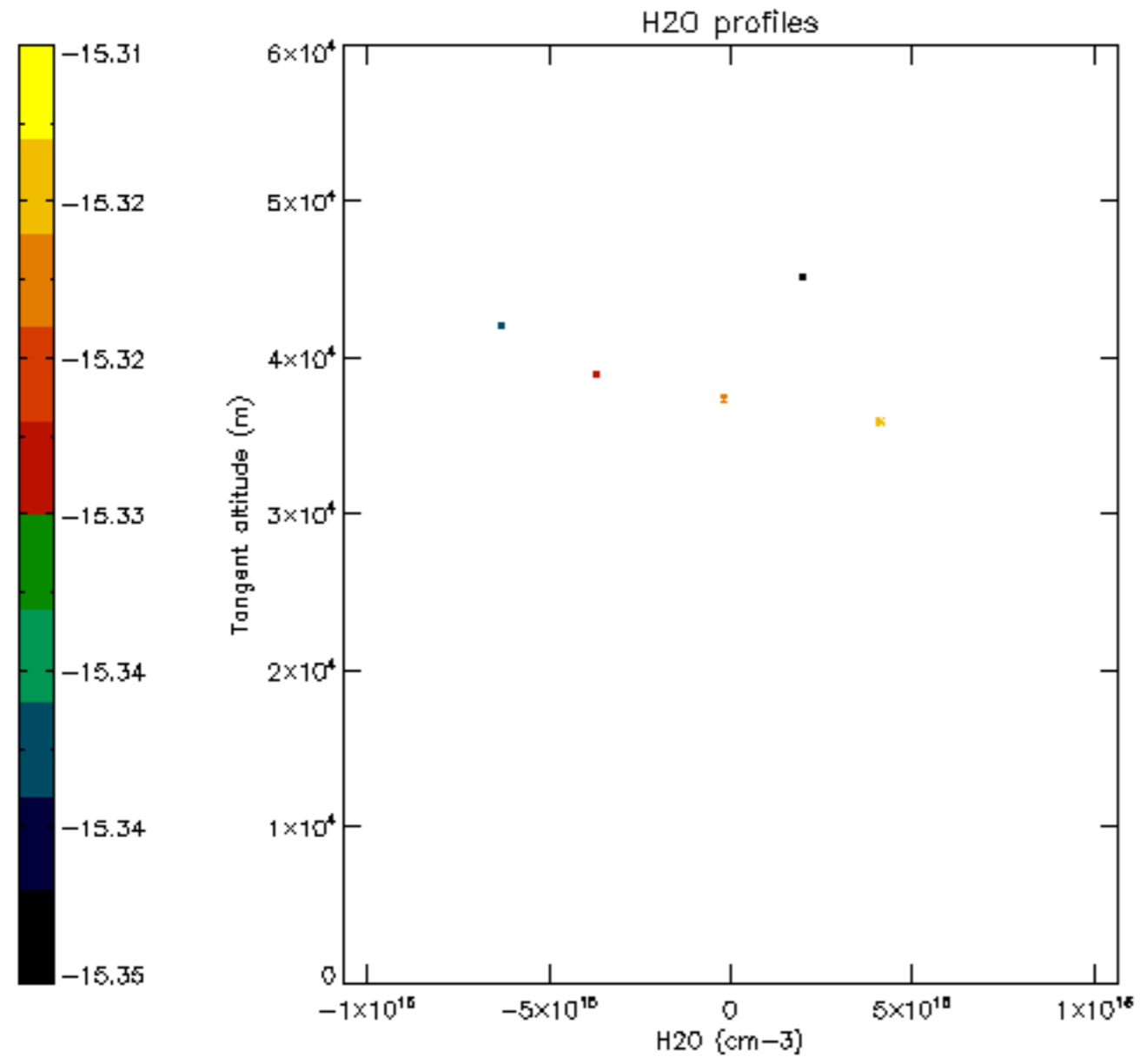


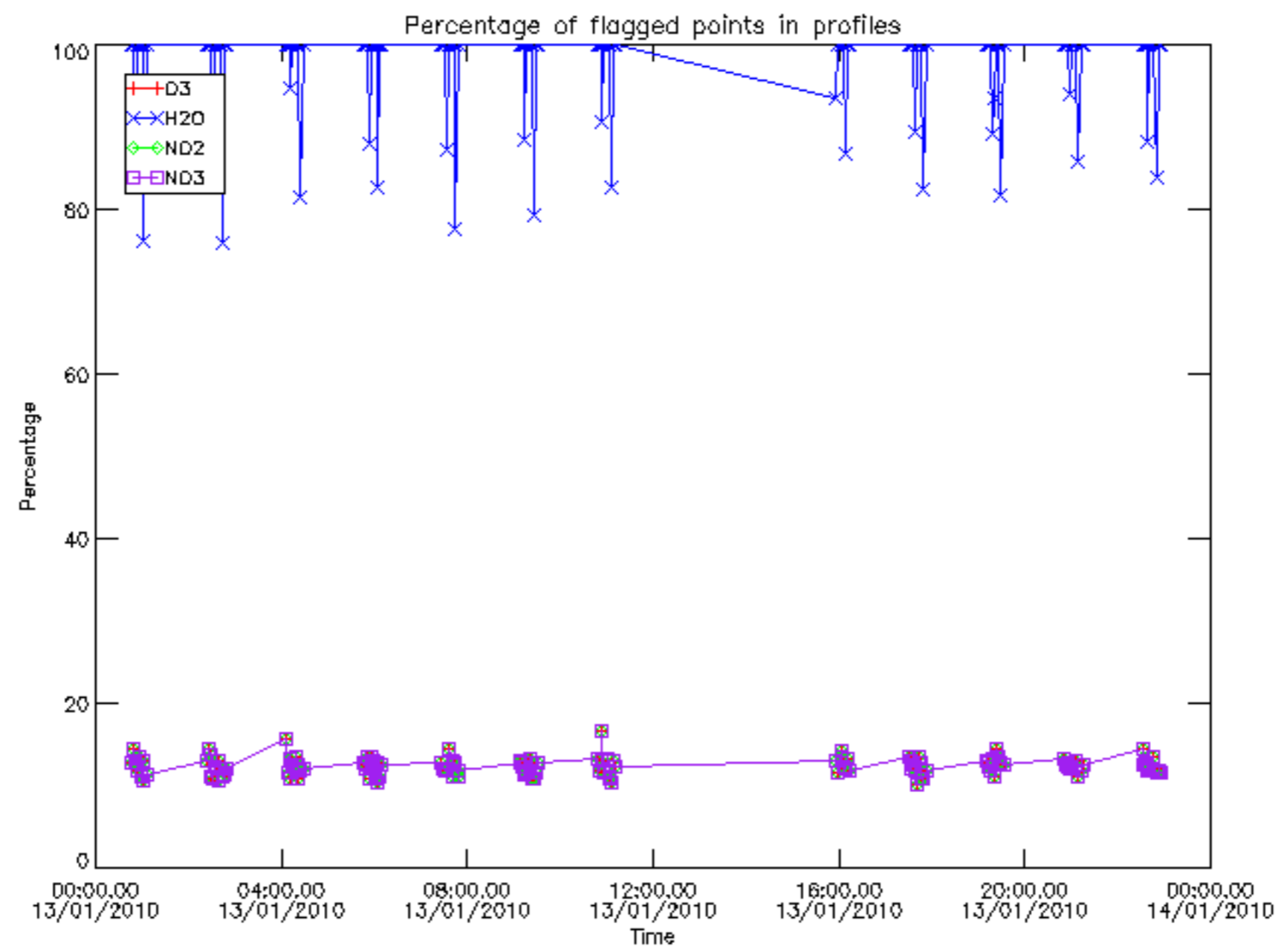




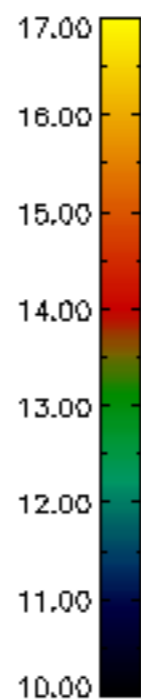
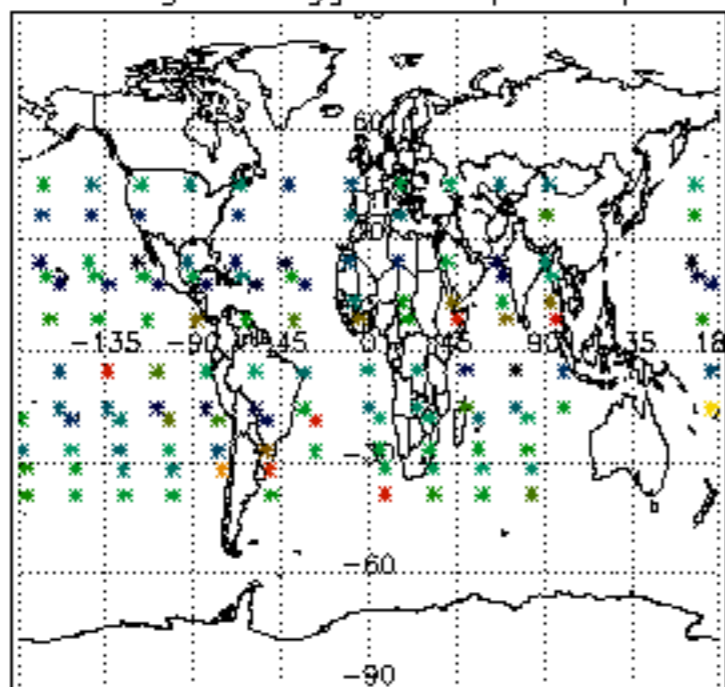




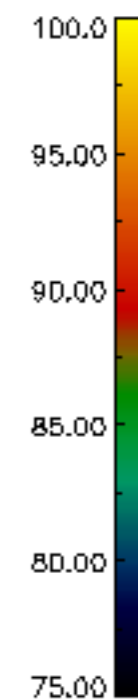
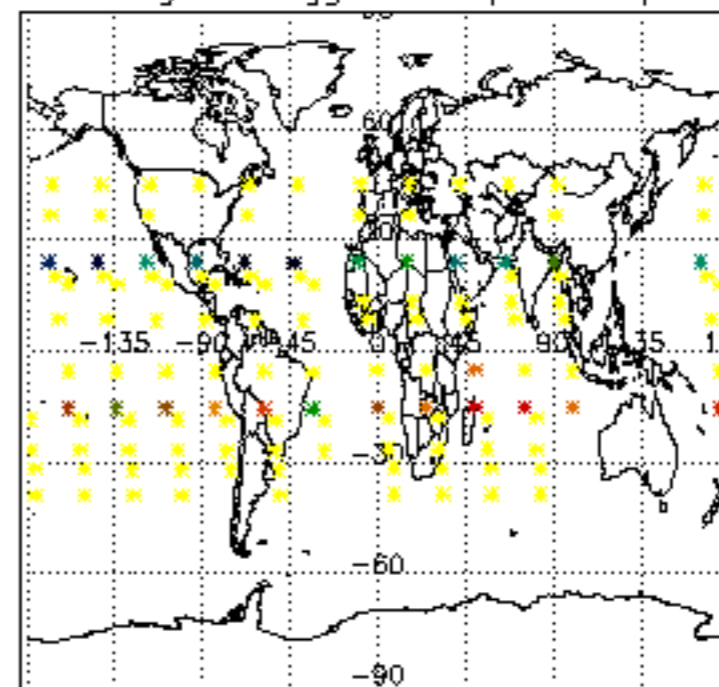




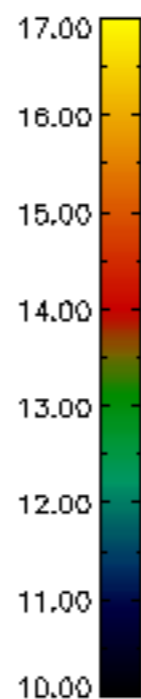
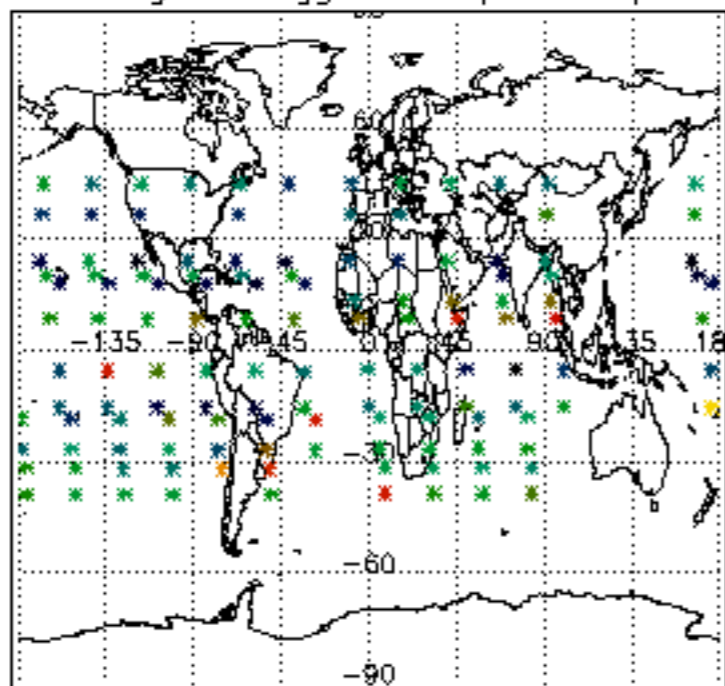
Percentage of flagged data per D3 profile



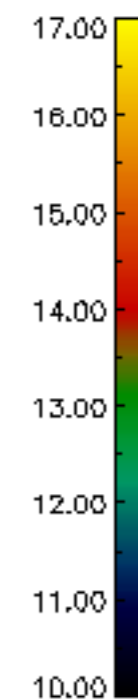
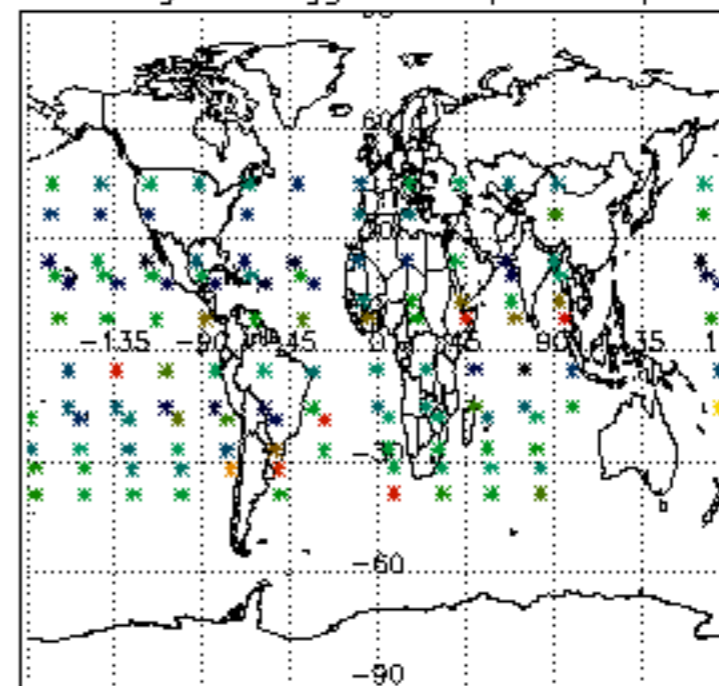
Percentage of flagged data per H2O profile

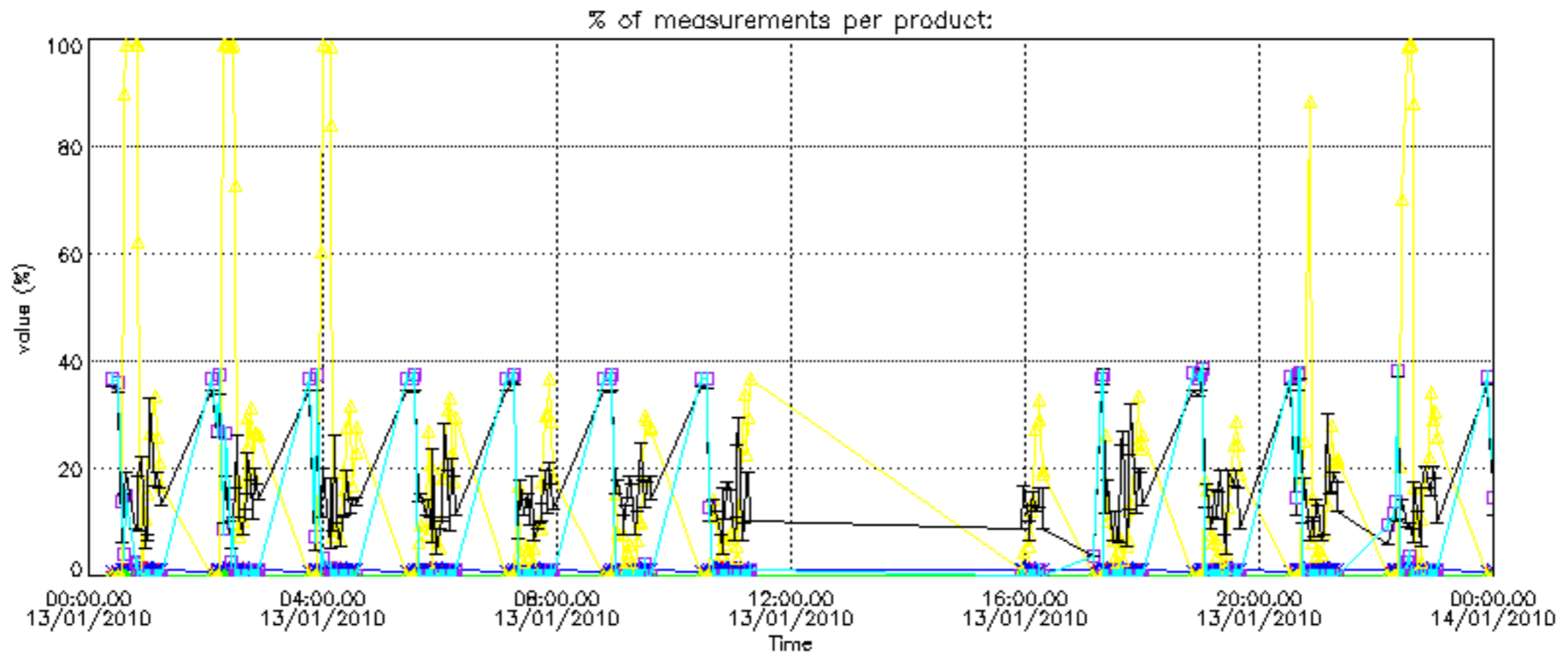
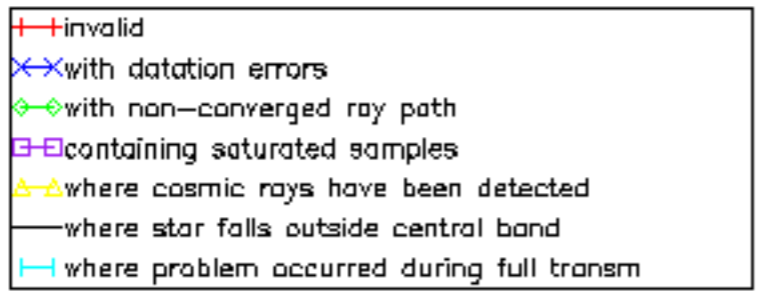


Percentage of flagged data per NO2 profile

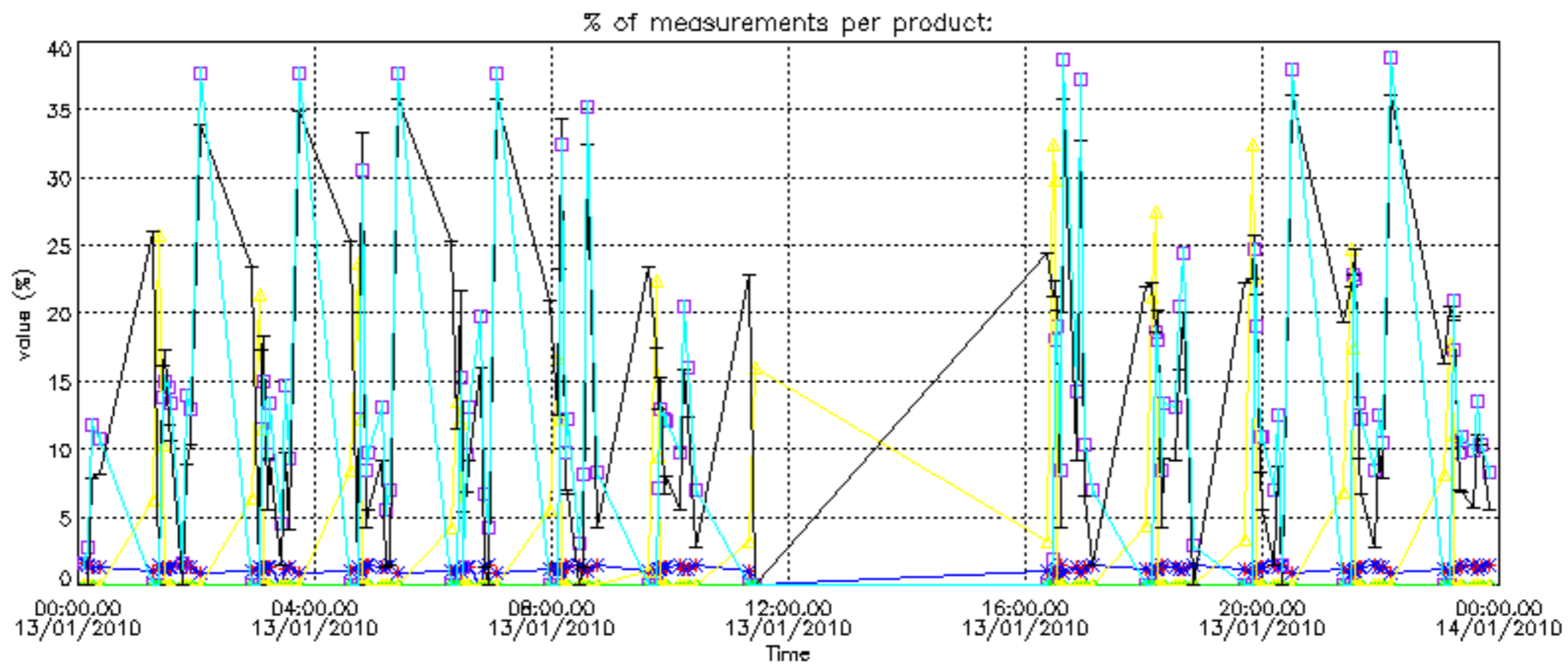
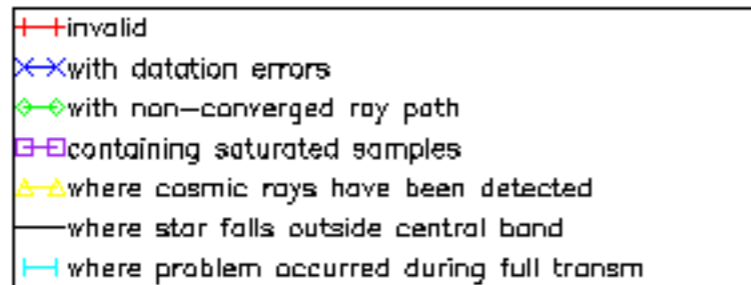


Percentage of flagged data per NO3 profile

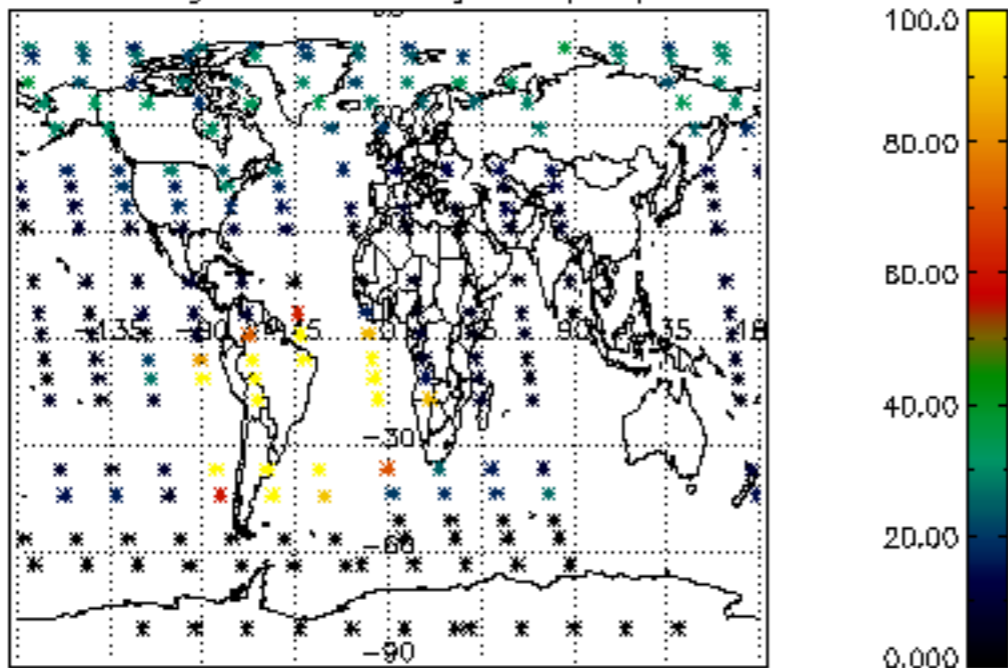




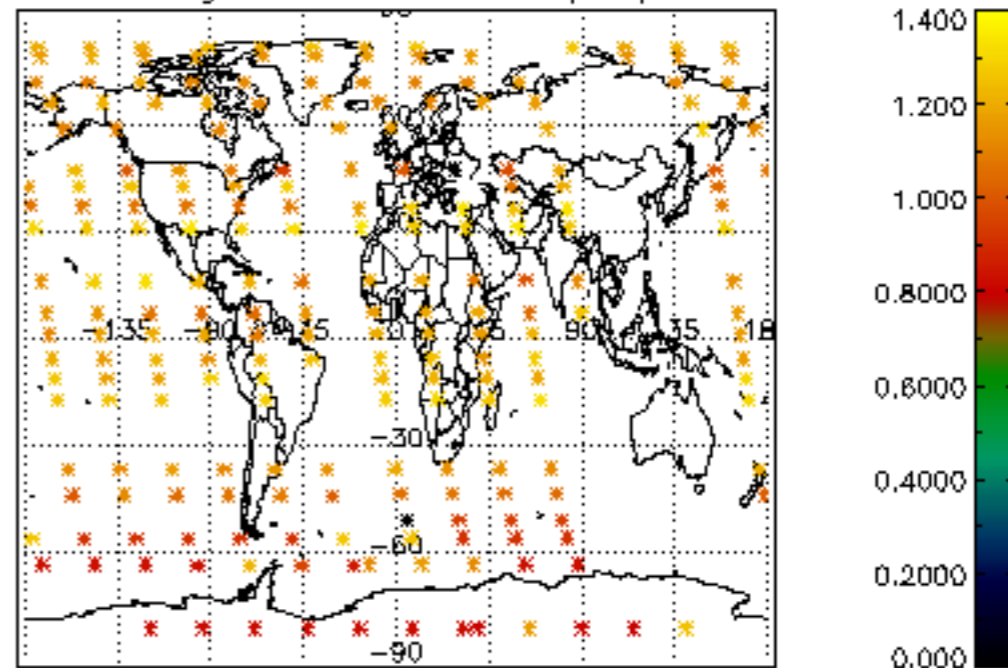




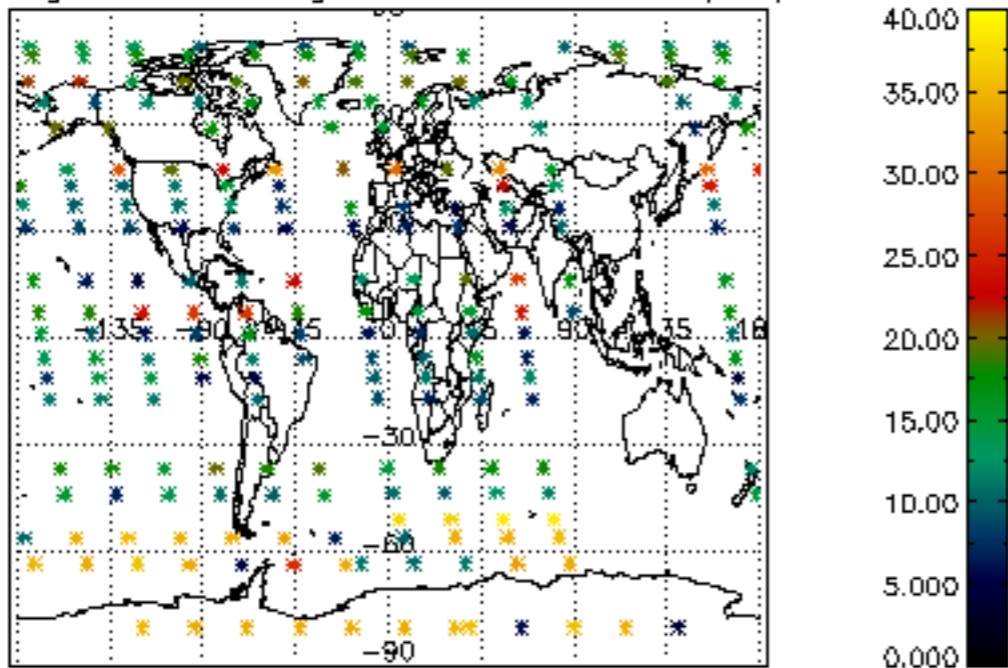
Percentage of cosmic ray hits per profile



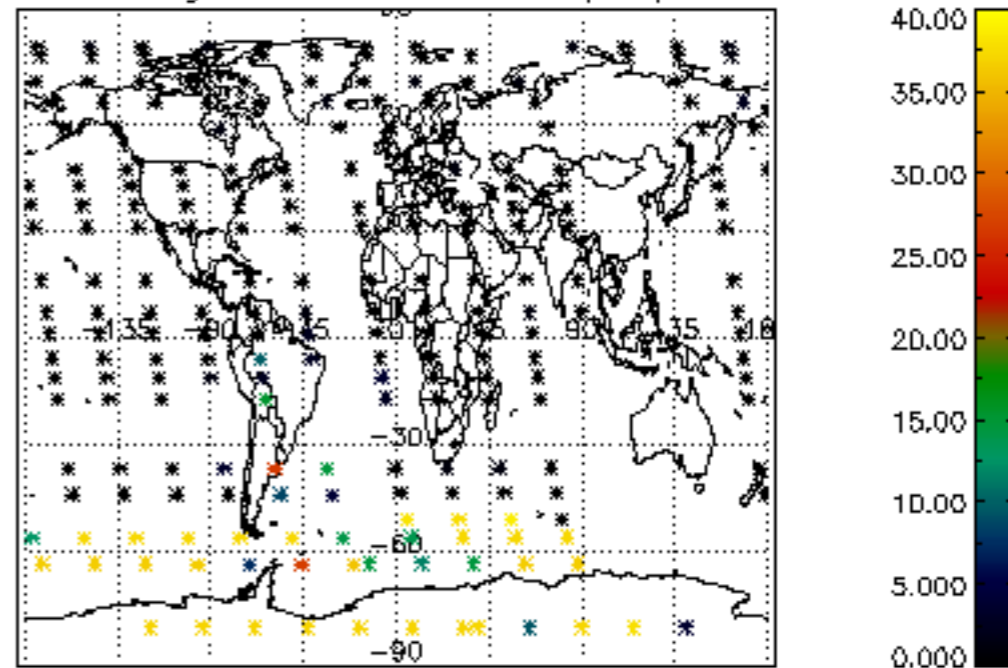
Percentage of datation errors per profile



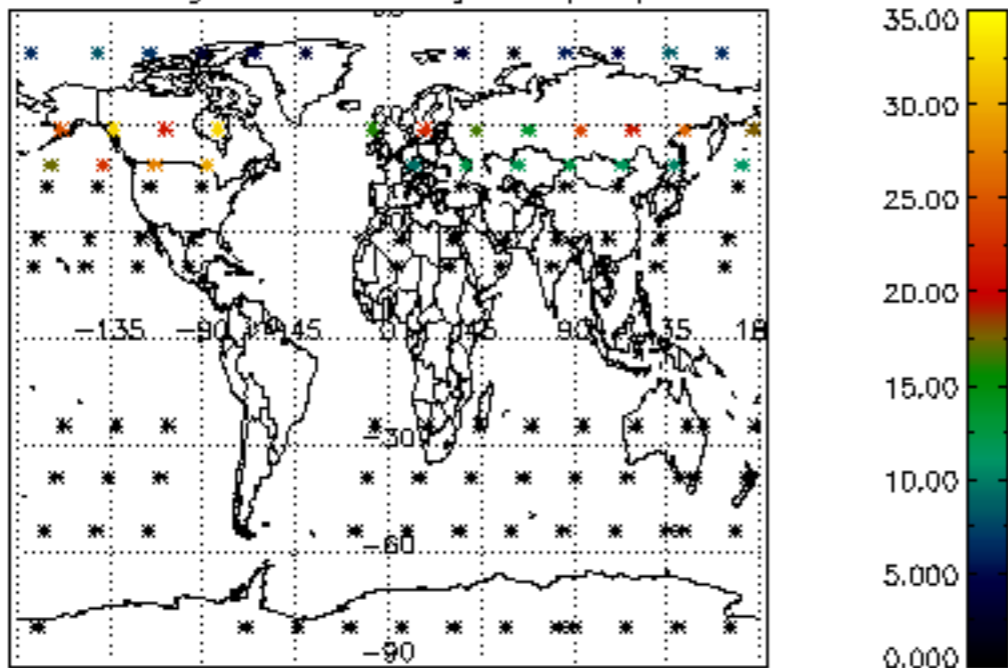
Percentage of star falling outside central band per profile



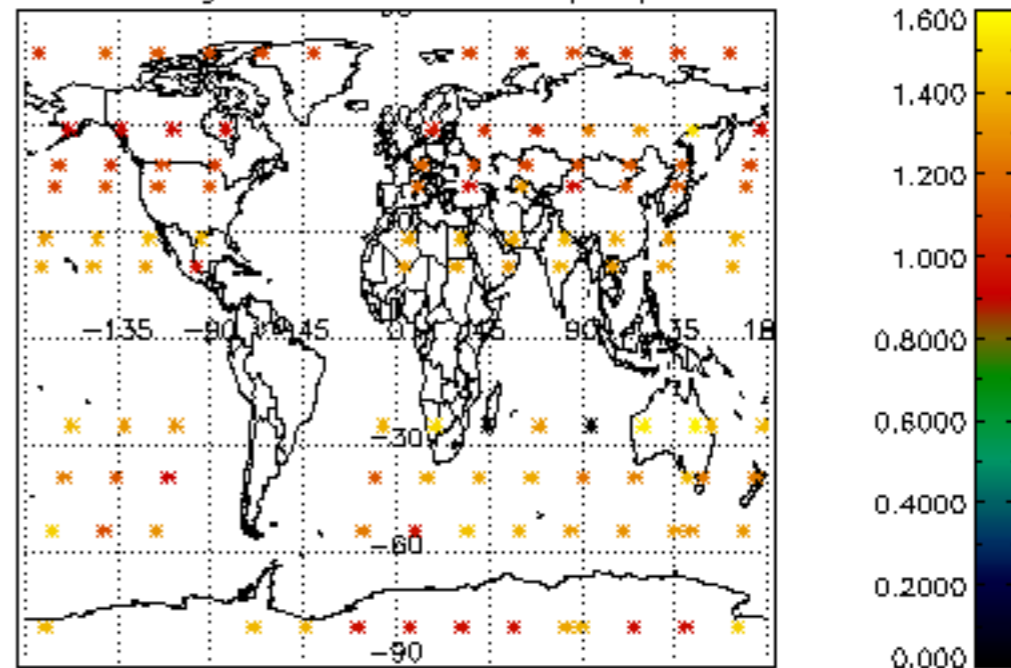
Percentage of saturation errors per profile



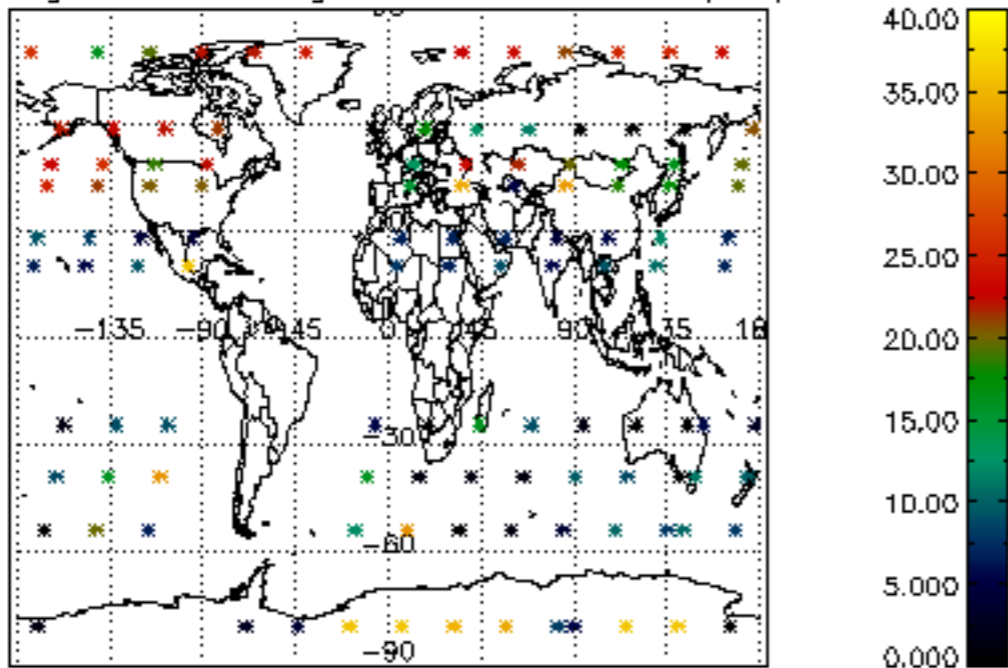
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

