

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 16:27:42
Data source version	GOMOS/6.01
Start time of products	27-02-2007 (27FEB2007 00:00:00)
Stop time of products	28-02-2007 (28FEB2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

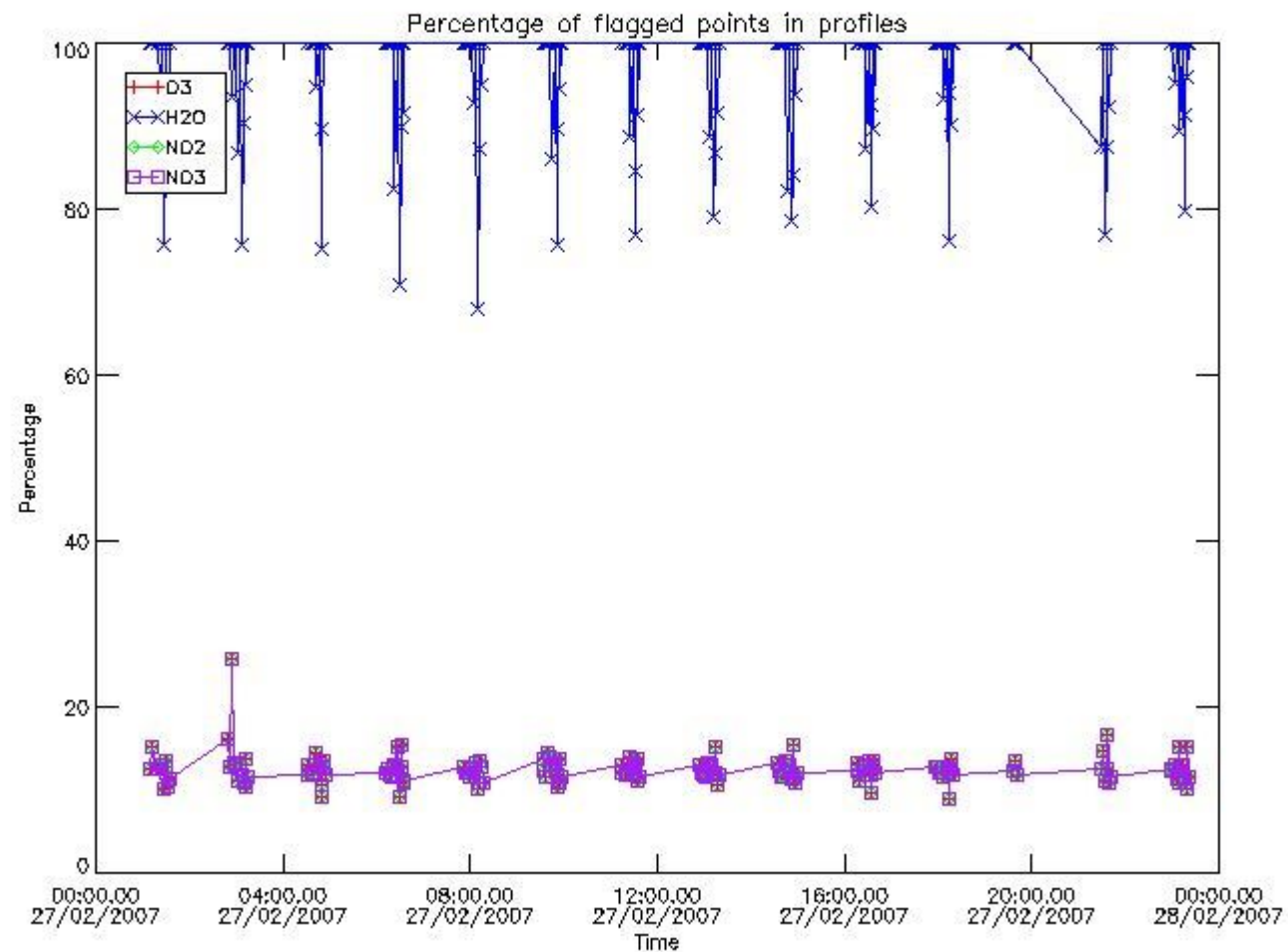
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070227_000920_00000452056_00002_26108_3816.N1	27-FEB-2007 00:09:20	Twi_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	26108	No
2	GOM_NL__2PRFIN20070227_001901_00000382056_00002_26108_3817.N1	27-FEB-2007 00:19:01	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	26108	No
3	GOM_NL__2PRFIN20070227_003723_00000332056_00002_26108_3818.N1	27-FEB-2007 00:37:23	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26108	No
4	GOM_NL__2PRFIN20070227_005020_00000352056_00002_26108_3819.N1	27-FEB-2007 00:50:20	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	26108	No
5	GOM_NL__2PRFIN20070227_005956_00000372056_00002_26108_3820.N1	27-FEB-2007 00:59:56	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	26108	No
6	GOM_NL__2PRFIN20070227_010940_00000412056_00002_26108_3821.N1	27-FEB-2007 01:09:40	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	26108	No
7	GOM_NL__2PRFIN20070227_011127_00000412056_00002_26108_3822.N1	27-FEB-2007 01:11:27	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	26108	No
8	GOM_NL__2PRFIN20070227_011950_00000412056_00002_26108_3823.N1	27-FEB-2007 01:19:50	Dark	41.000	147	Alp Ara	2.8770	26000.	82	26108	No
9	GOM_NL__2PRFIN20070227_012106_00000392056_00003_26109_3819.N1	27-FEB-2007 01:21:06	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	26109	No
10	GOM_NL__2PRFIN20070227_012506_00000402056_00003_26109_3820.N1	27-FEB-2007 01:25:06	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26109	No
11	GOM_NL__2PRFIN20070227_012738_00000502056_00003_26109_3821.N1	27-FEB-2007 01:27:38	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	26109	No
12	GOM_NL__2PRFIN20070227_012858_00000432056_00003_26109_3822.N1	27-FEB-2007 01:28:58	Dark	42.500	10	Bet Cen	0.61000	28000.	85	26109	No
13	GOM_NL__2PRFIN20070227_013024_00000382056_00003_26109_3823.N1	27-FEB-2007 01:30:24	Dark	38.000	112	Alp Mus	2.6880	26000.	76	26109	No
14	GOM_NL__2PRFIN20070227_013138_00000492056_00003_26109_3824.N1	27-FEB-2007 01:31:38	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	26109	No
15	GOM_NL__2PRFIN20070227_013357_00000452056_00003_26109_3825.N1	27-FEB-2007 01:33:57	Dark	45.000	64	Gam Cen	2.2000	10600.	90	26109	No
16	GOM_NL__2PRFIN20070227_013713_00000412056_00003_26109_3826.N1	27-FEB-2007 01:37:13	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	26109	No
17	GOM_NL__2PRFIN20070227_014956_00000462056_00003_26109_3827.N1	27-FEB-2007 01:49:56	Twi_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	26109	No
18	GOM_NL__2PRFIN20070227_015936_00000402056_00003_26109_3828.N1	27-FEB-2007 01:59:36	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	26109	No
19	GOM_NL__2PRFIN20070227_021759_00000352056_00003_26109_3829.N1	27-FEB-2007 02:17:59	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26109	No
20	GOM_NL__2PRFIN20070227_023055_00000352056_00003_26109_3830.N1	27-FEB-2007 02:30:55	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	26109	No
21	GOM_NL__2PRFIN20070227_024032_00000382056_00003_26109_3831.N1	27-FEB-2007 02:40:32	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	26109	No
22	GOM_NL__2PRFIN20070227_025016_00000412056_00003_26109_3832.N1	27-FEB-2007 02:50:16	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	26109	No
23	GOM_NL__2PRFIN20070227_025203_00000402056_00003_26109_3833.N1	27-FEB-2007 02:52:03	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	26109	No
24	GOM_NL__2PRFIN20070227_025506_00000402056_00003_26109_3834.N1	27-FEB-2007 02:55:06	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	26109	No
25	GOM_NL__2PRFIN20070227_025749_00000422056_00003_26109_3835.N1	27-FEB-2007 02:57:49	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	26109	No
26	GOM_NL__2PRFIN20070227_030026_00000392056_00003_26109_3836.N1	27-FEB-2007 03:00:26	Dark	39.000	147	Alp Ara	2.8770	26000.	78	26109	No
27	GOM_NL__2PRFIN20070227_030143_00000462056_00004_26110_3835.N1	27-FEB-2007 03:01:43	Dark	46.000	141	Bet Ara	2.8400	4600.0	92	26110	No
28	GOM_NL__2PRFIN20070227_030542_00000392056_00004_26110_3836.N1	27-FEB-2007 03:05:42	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	26110	No
29	GOM_NL__2PRFIN20070227_030814_00000442056_00004_26110_3837.N1	27-FEB-2007 03:08:14	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	26110	No
30	GOM_NL__2PRFIN20070227_030934_00000472056_00004_26110_3838.N1	27-FEB-2007 03:09:34	Dark	47.000	10	Bet Cen	0.61000	28000.	94	26110	No
31	GOM_NL__2PRFIN20070227_031100_00000372056_00004_26110_3839.N1	27-FEB-2007 03:11:00	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26110	No
32	GOM_NL__2PRFIN20070227_031214_00000492056_00004_26110_3840.N1	27-FEB-2007 03:12:14	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	26110	No
33	GOM_NL__2PRFIN20070227_031434_00000442056_00004_26110_3841.N1	27-FEB-2007 03:14:34	Dark	44.000	64	Gam Cen	2.2000	10600.	88	26110	No
34	GOM_NL__2PRFIN20070227_031749_00000442056_00004_26110_3842.N1	27-FEB-2007 03:17:49	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	26110	No
35	GOM_NL__2PRFIN20070227_033032_00000452056_00004_26110_3843.N1	27-FEB-2007 03:30:32	Twi_and_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	26110	No
36	GOM_NL__2PRFIN20070227_034012_00000392056_00004_26110_3844.N1	27-FEB-2007 03:40:12	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	26110	No
37	GOM_NL__2PRFIN20070227_035835_00000332056_00004_26110_3845.N1	27-FEB-2007 03:58:35	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26110	No
38	GOM_NL__2PRFIN20070227_041132_00000342056_00004_26110_3846.N1	27-FEB-2007 04:11:32	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	26110	No
39	GOM_NL__2PRFIN20070227_042109_00000382056_00004_26110_3847.N1	27-FEB-2007 04:21:09	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	26110	No
40	GOM_NL__2PRFIN20070227_043053_00000432056_00004_26110_3848.N1	27-FEB-2007 04:30:53	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	26110	No
41	GOM_NL__2PRFIN20070227_043240_00000392056_00004_26110_3849.N1	27-FEB-2007 04:32:40	Dark	39.000	57	34Sig Sgr	2.0660	26000.	78	26110	No
42	GOM_NL__2PRFIN20070227_043543_00000422056_00004_26110_3850.N1	27-FEB-2007 04:35:43	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	26110	No

220	GOM_NL__2PRFIN20070227_223743_000000342056_00015_26121_5019.N1	27-FEB-2007 22:37:43	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	26121	No
221	GOM_NL__2PRFIN20070227_223917_000000332056_00015_26121_5020.N1	27-FEB-2007 22:39:17	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	26121	No
222	GOM_NL__2PRFIN20070227_224747_000000382056_00015_26121_5021.N1	27-FEB-2007 22:47:47	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	26121	No
223	GOM_NL__2PRFIN20070227_225733_000000412056_00015_26121_5022.N1	27-FEB-2007 22:57:33	Dark	40.500	155	41Pi Sgr	2.9000	6600.0	81	26121	No
224	GOM_NL__2PRFIN20070227_225920_000000422056_00015_26121_5023.N1	27-FEB-2007 22:59:20	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	26121	No
225	GOM_NL__2PRFIN20070227_230224_000000432056_00015_26121_5024.N1	27-FEB-2007 23:02:24	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	26121	No
226	GOM_NL__2PRFIN20070227_230510_000000452056_00015_26121_5025.N1	27-FEB-2007 23:05:10	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	26121	No
227	GOM_NL__2PRFIN20070227_230744_000000402056_00015_26121_5026.N1	27-FEB-2007 23:07:44	Dark	40.000	147	Alp Ara	2.8770	26000.	80	26121	No
228	GOM_NL__2PRFIN20070227_230901_000000482056_00016_26122_5017.N1	27-FEB-2007 23:09:01	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	26122	No
229	GOM_NL__2PRFIN20070227_231300_000000392056_00016_26122_5018.N1	27-FEB-2007 23:13:00	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	26122	No
230	GOM_NL__2PRFIN20070227_231533_000000452056_00016_26122_5019.N1	27-FEB-2007 23:15:33	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	26122	No
231	GOM_NL__2PRFIN20070227_231653_000000472056_00016_26122_5020.N1	27-FEB-2007 23:16:53	Dark	46.500	10	Bet Cen	0.61000	28000.	93	26122	No
232	GOM_NL__2PRFIN20070227_231816_000000372056_00016_26122_5021.N1	27-FEB-2007 23:18:16	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26122	No
233	GOM_NL__2PRFIN20070227_231931_000000502056_00016_26122_5022.N1	27-FEB-2007 23:19:31	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	26122	No
234	GOM_NL__2PRFIN20070227_232153_000000452056_00016_26122_5023.N1	27-FEB-2007 23:21:53	Dark	44.500	64	Gam Cen	2.2000	10600.	89	26122	No
235	GOM_NL__2PRFIN20070227_232504_000000412056_00016_26122_5024.N1	27-FEB-2007 23:25:04	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	26122	No
236	GOM_NL__2PRFIN20070227_233744_000000452056_00016_26122_5025.N1	27-FEB-2007 23:37:44	Twilight_and_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	26122	No
237	GOM_NL__2PRFIN20070227_234721_000000382056_00016_26122_5026.N1	27-FEB-2007 23:47:21	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	26122	No

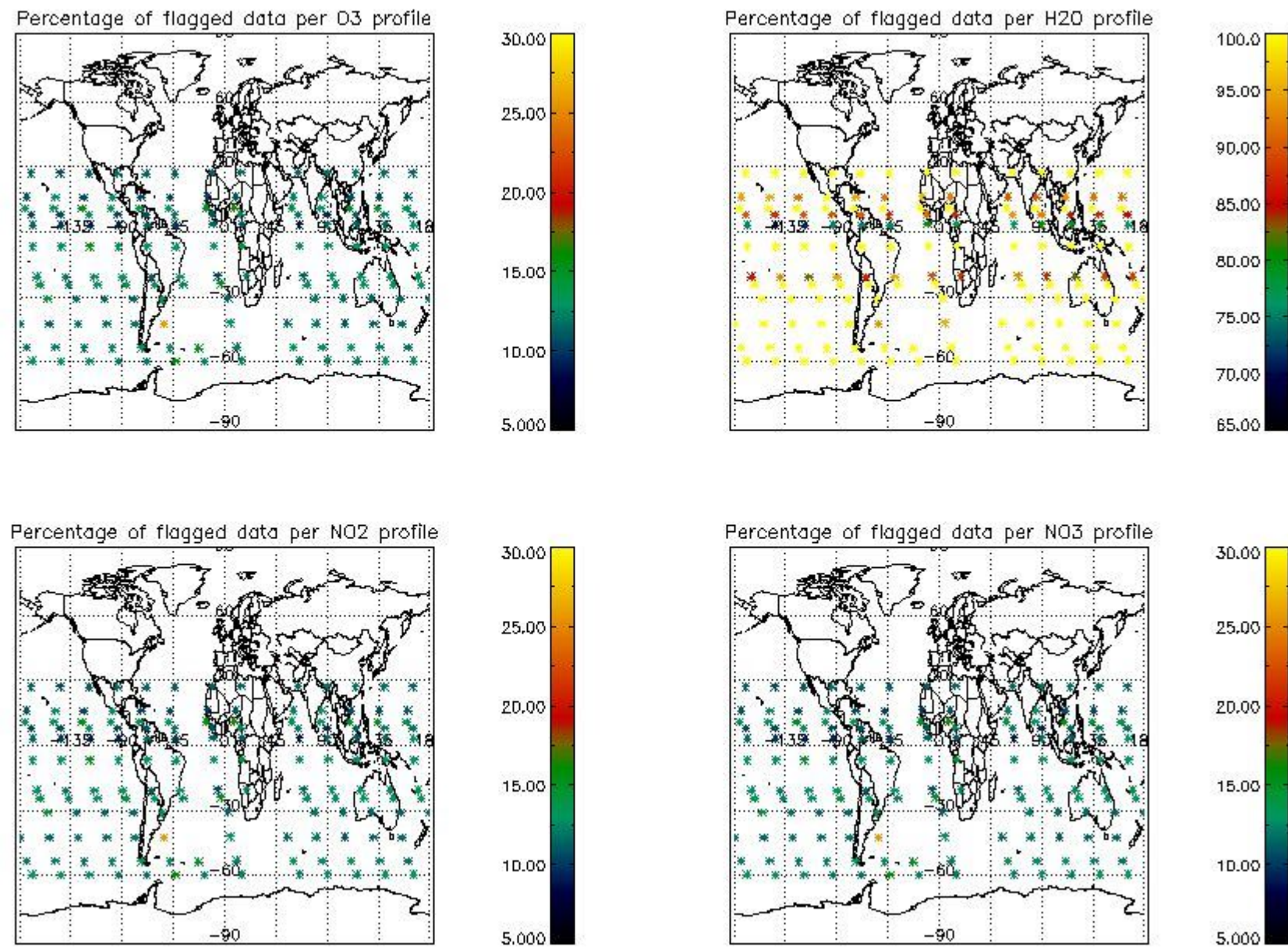
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

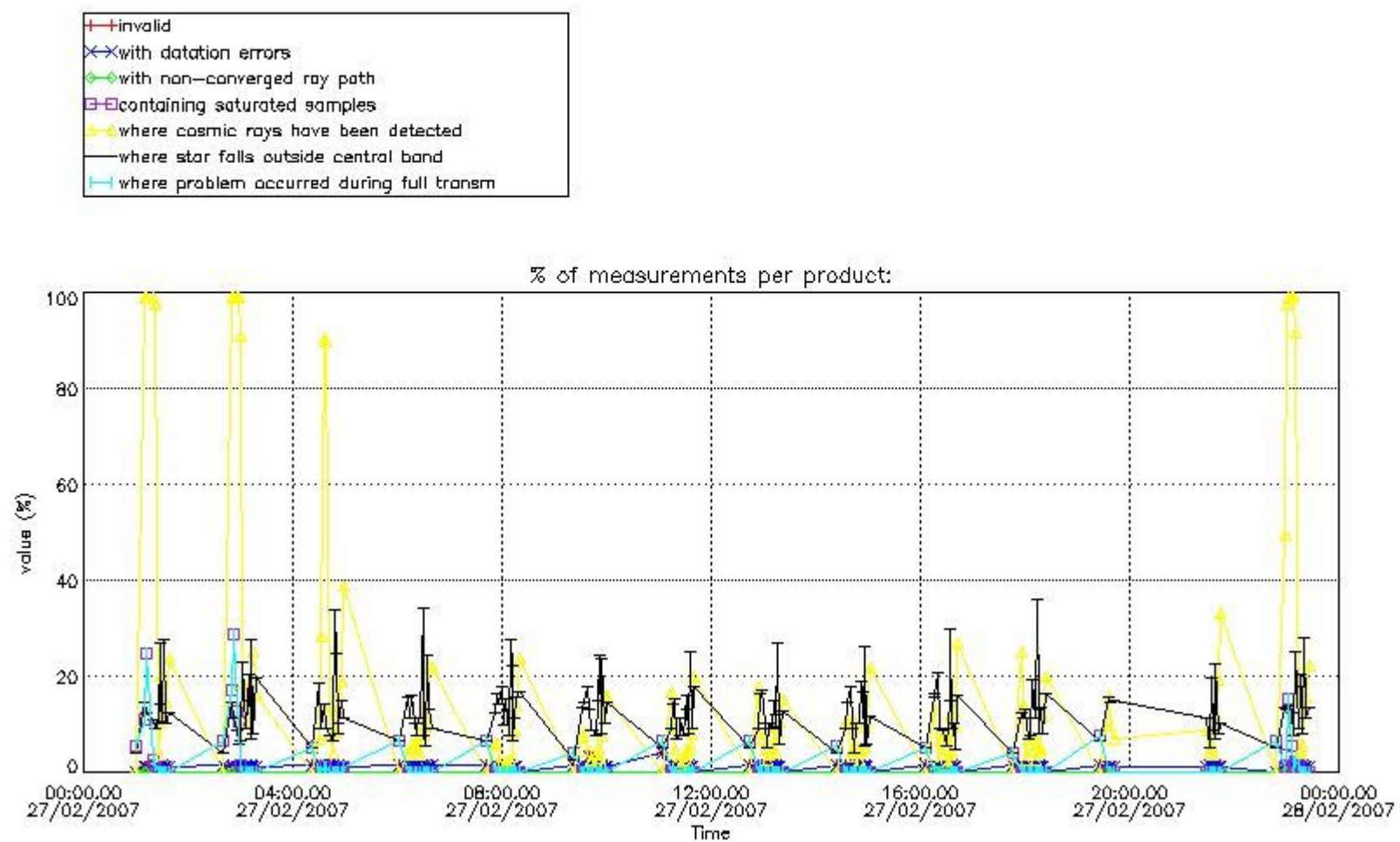


4. Level 1 quality information per product

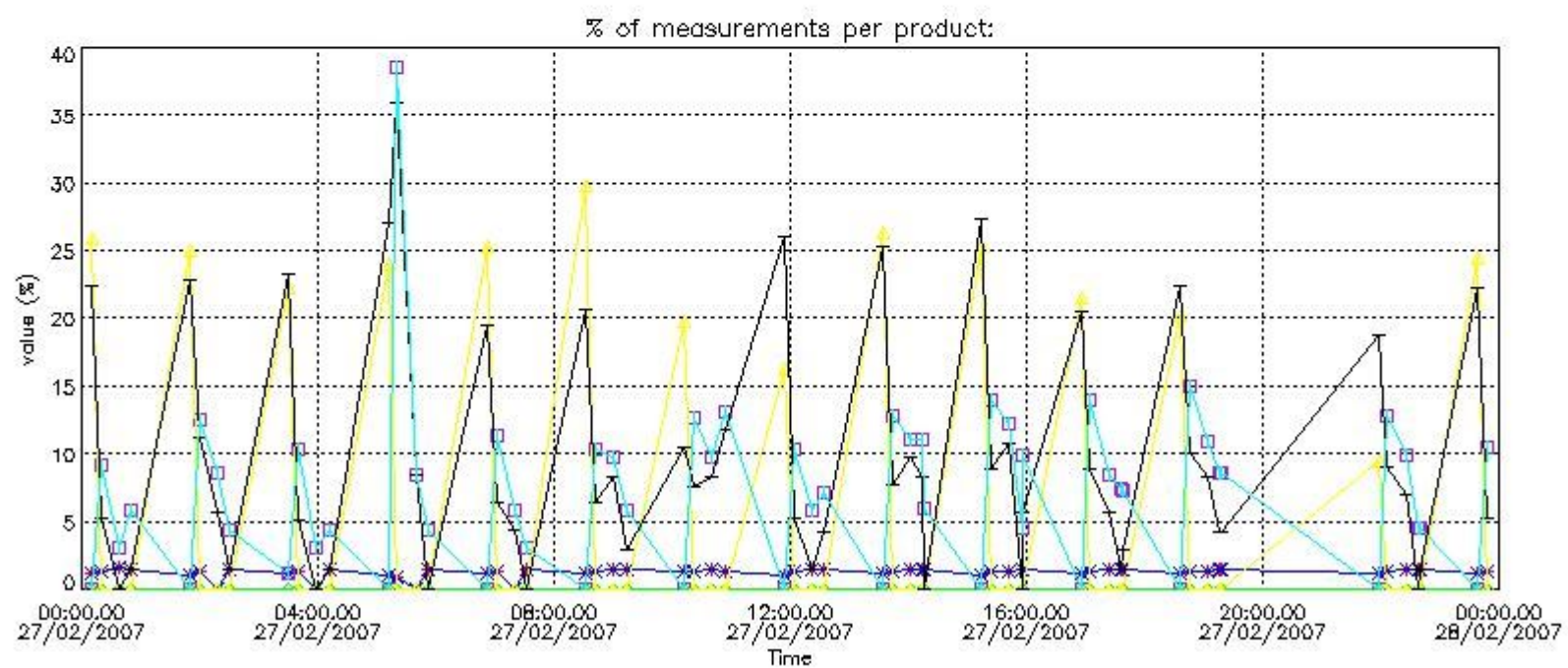
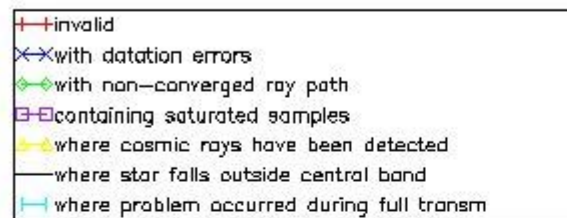
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

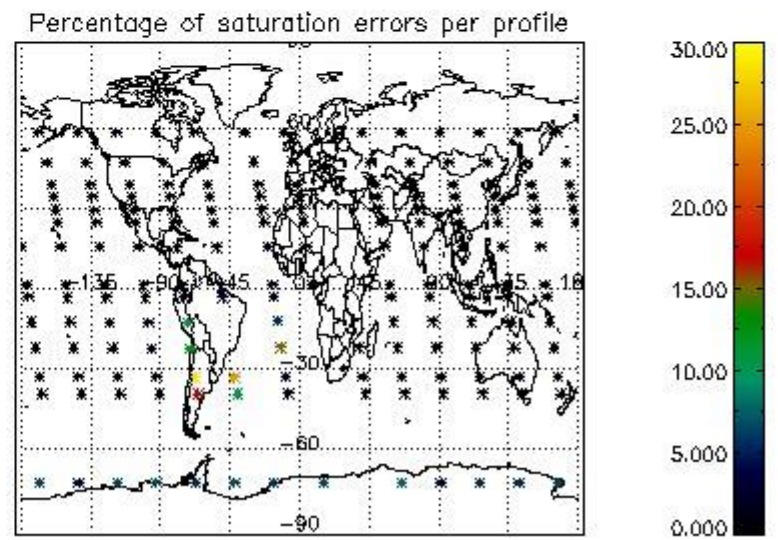
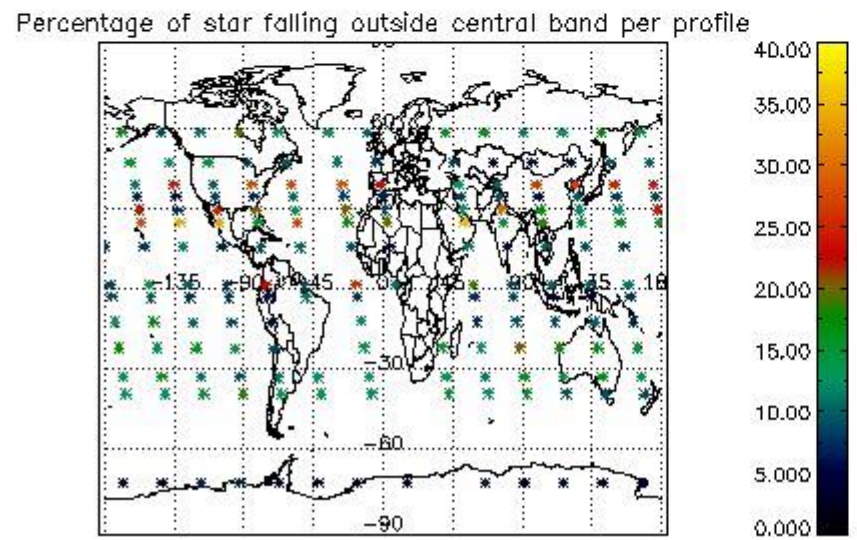
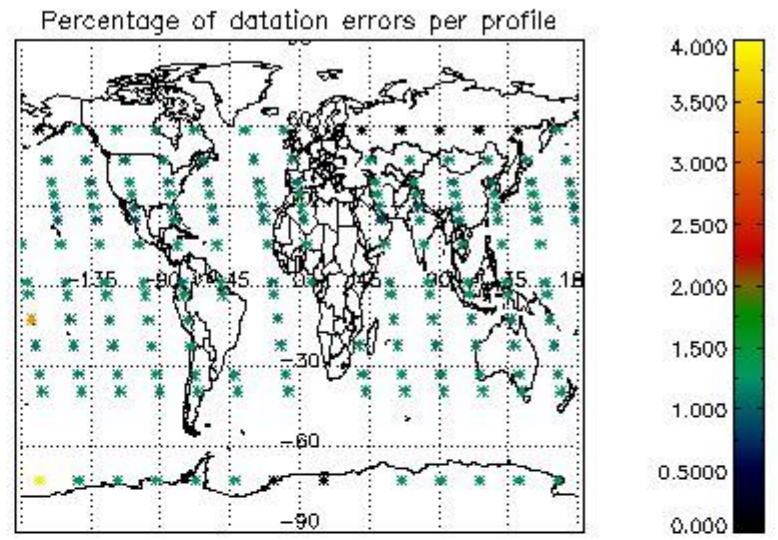
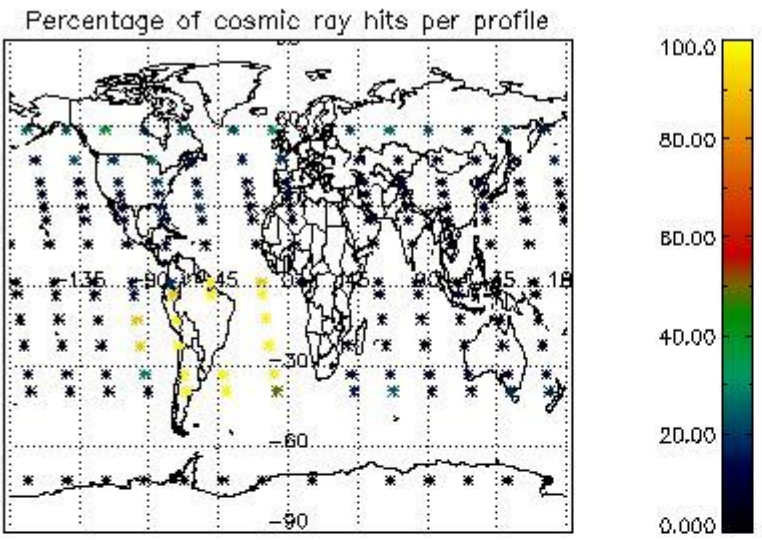


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

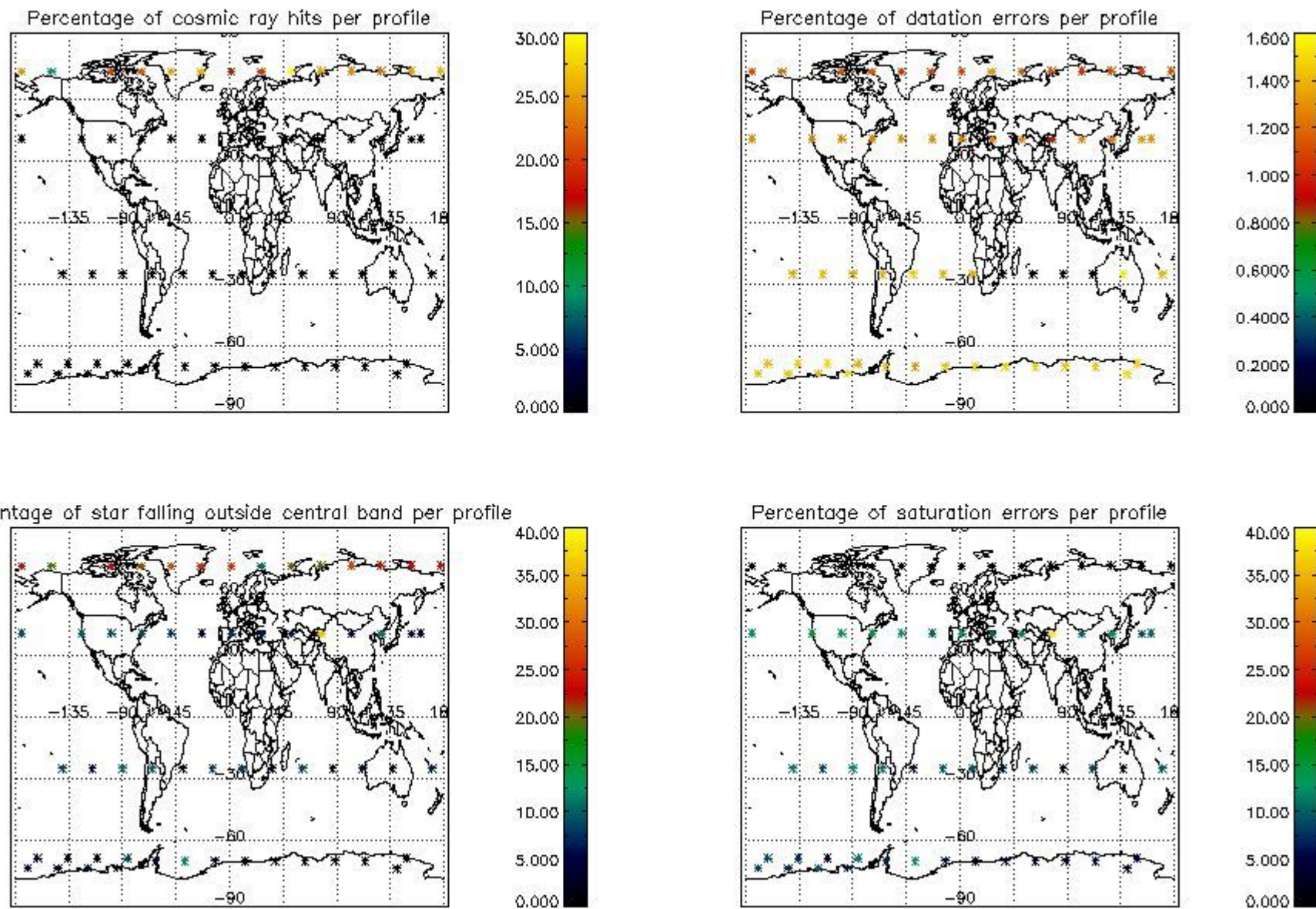


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

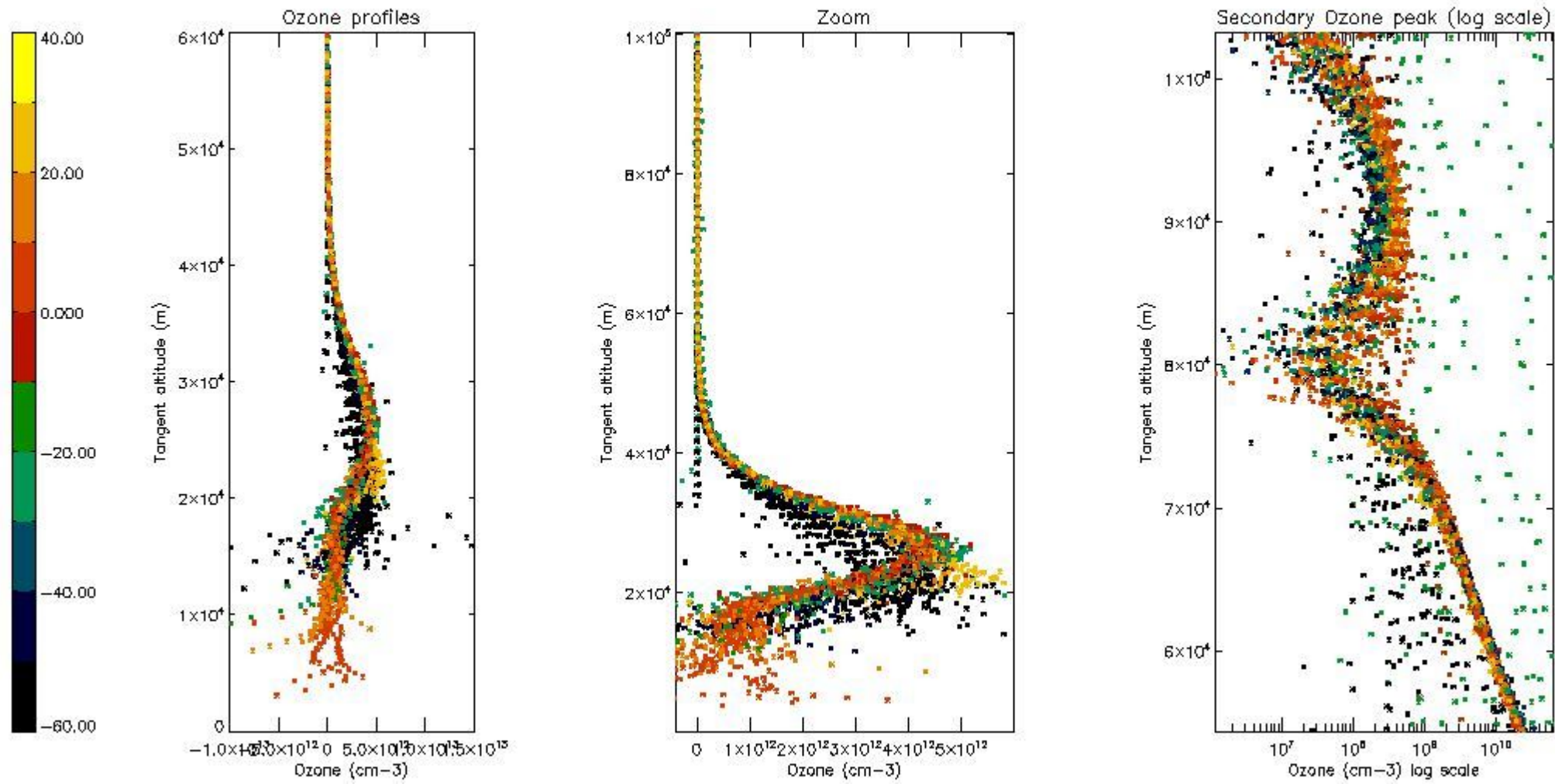
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	67
STD < 20	39

STD < 10	31
STD < 5	23

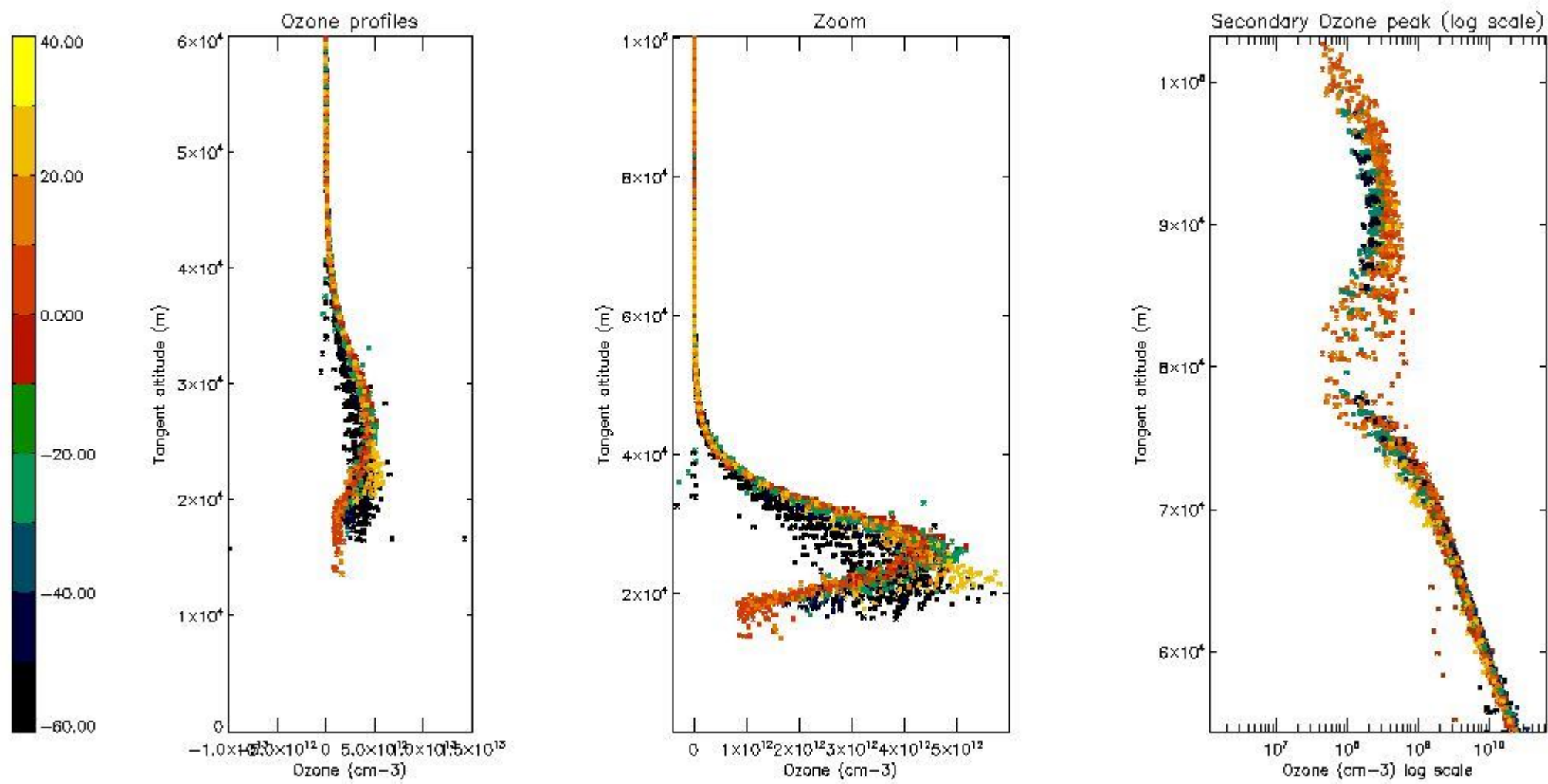
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



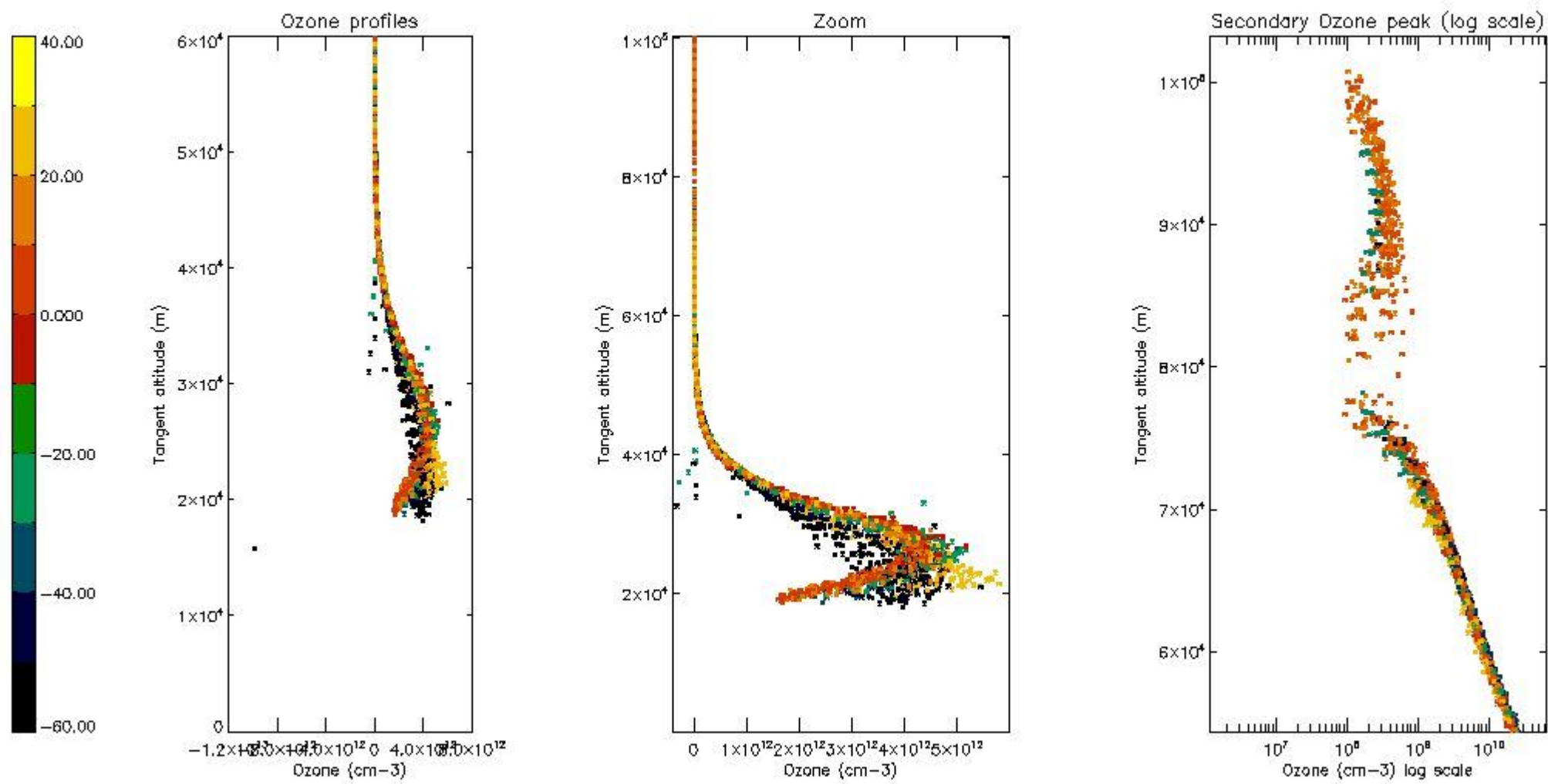
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



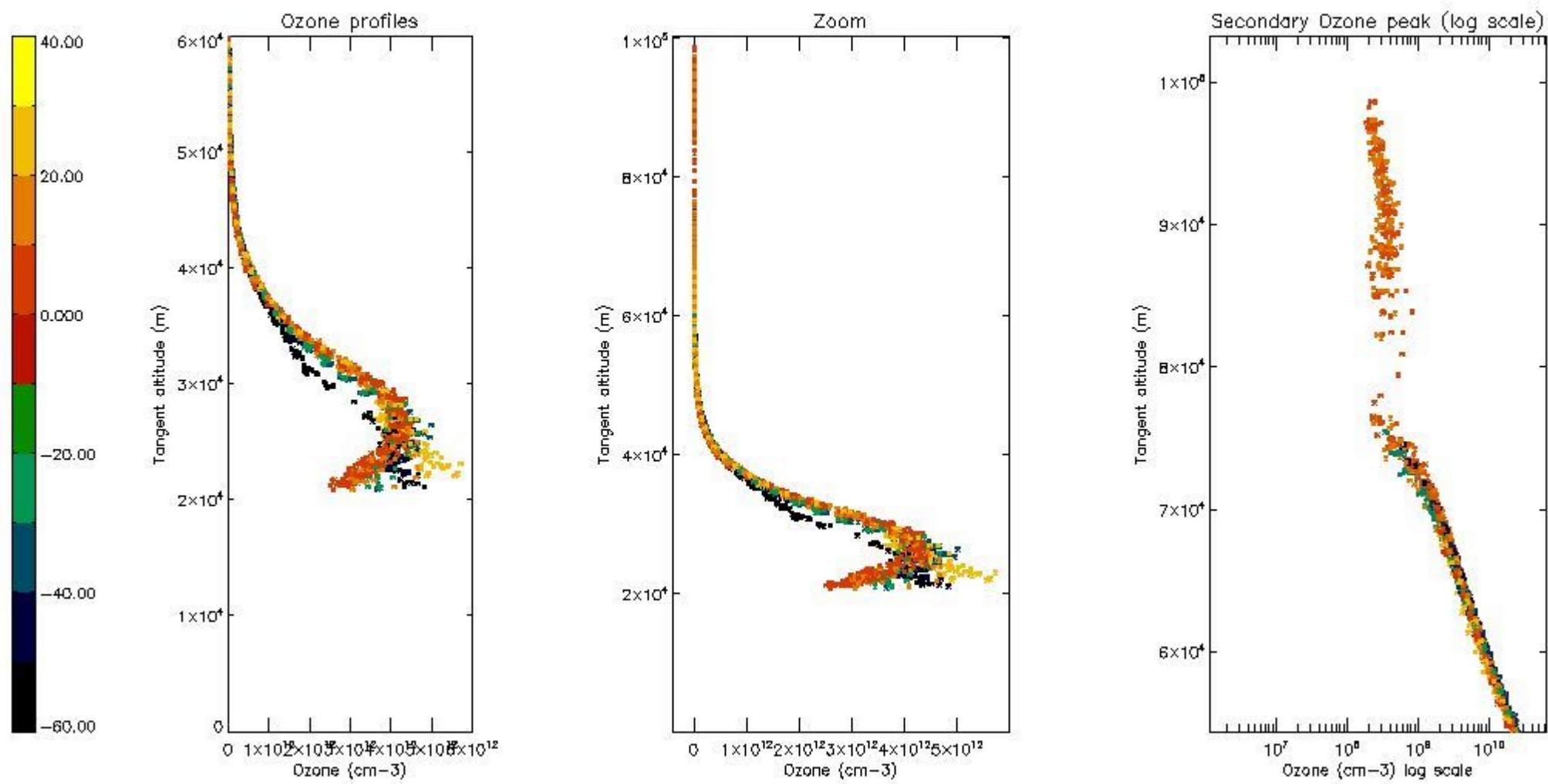
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



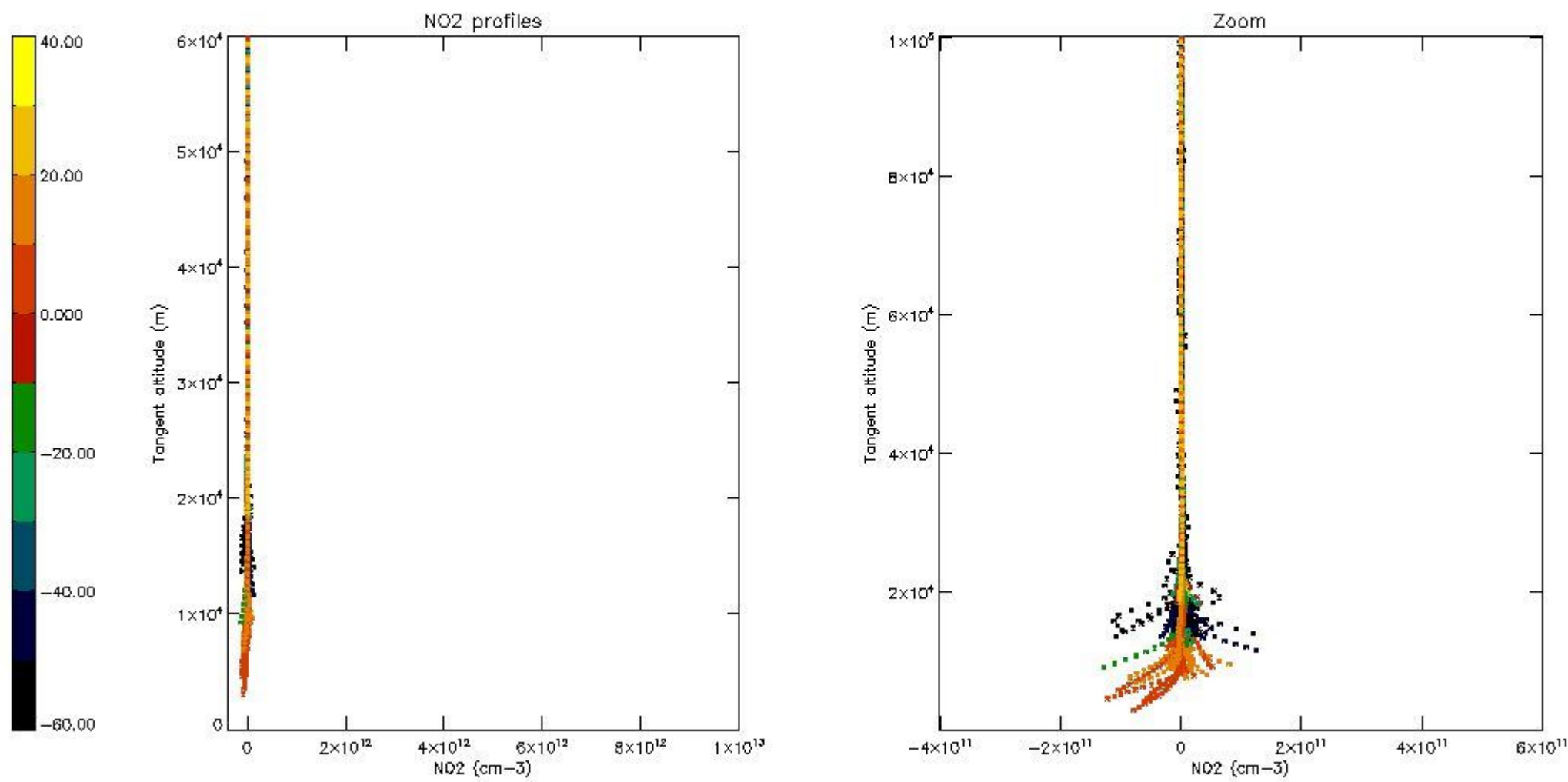
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



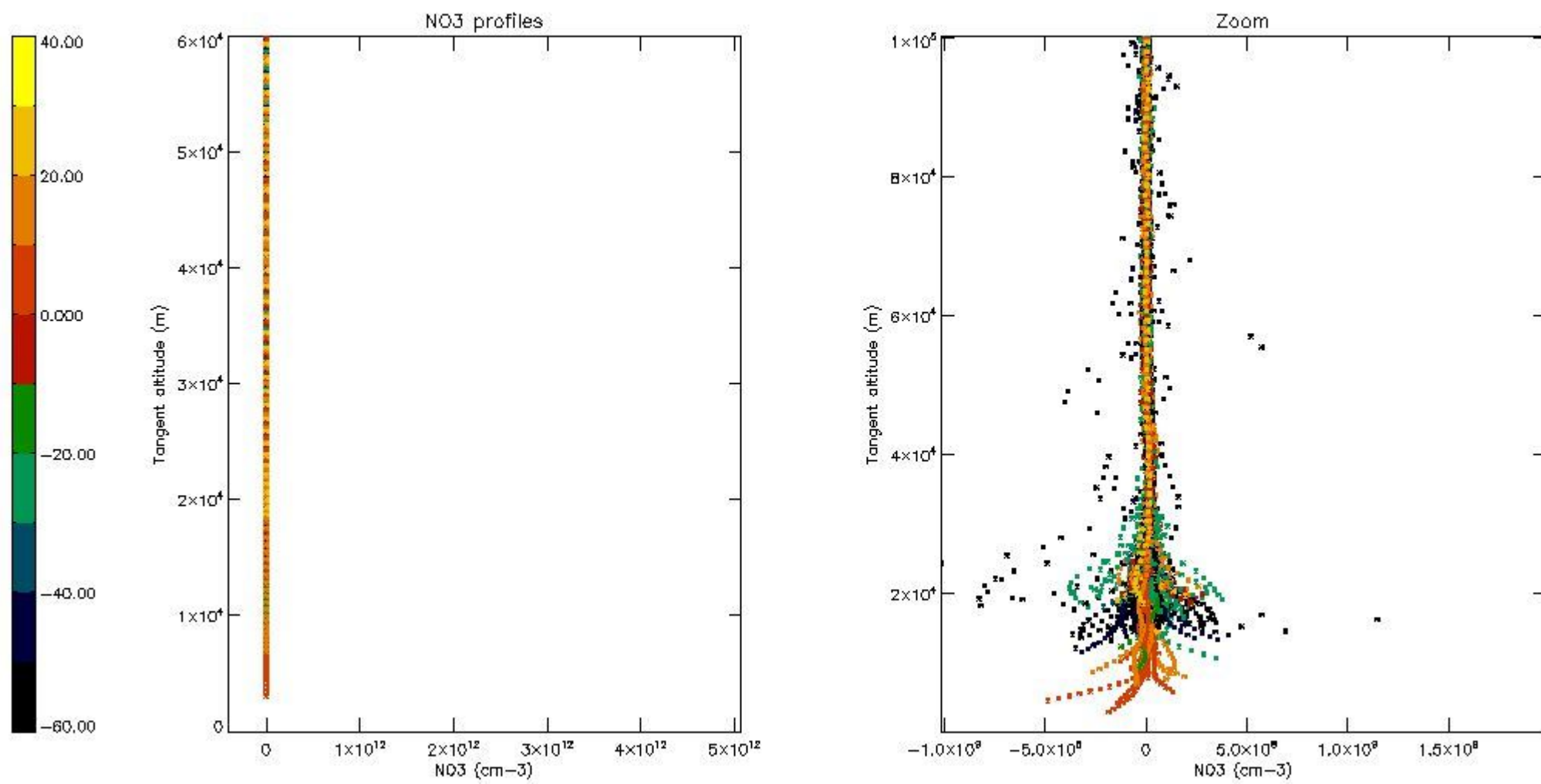
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



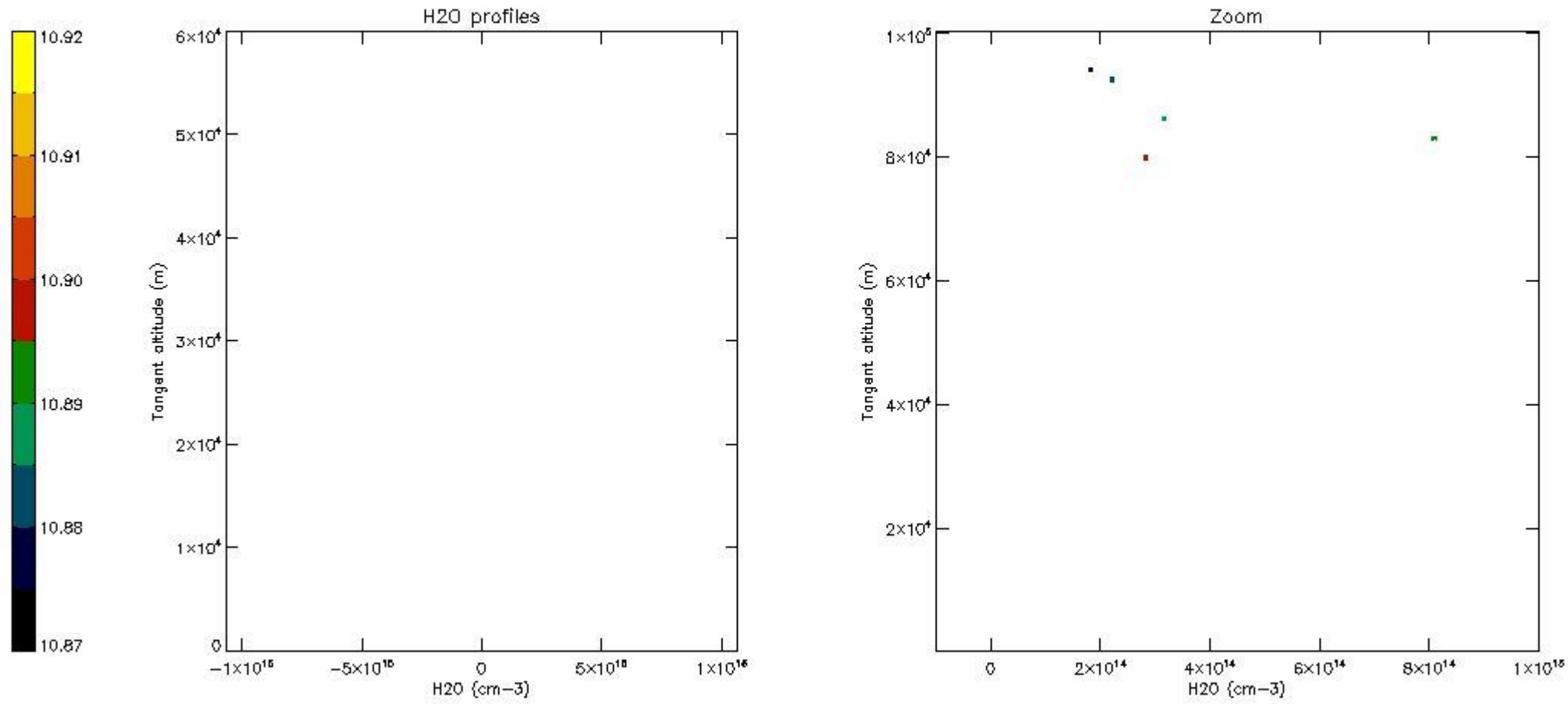
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-FEB-2007 00:09:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-FEB-2007 00:09:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-FEB-2007 00:09:20

GOMOS Level 2 Daily Report

SUMMARY

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[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	22APR2013 16:27:42
Data source version	GOMOS/6.01
Start time of products	27-02-2007 (27FEB2007 00:00:00)
Stop time of products	28-02-2007 (28FEB2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
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__2PRFIN20070227_000920_000000452056_00002_26108_3816.N1	27-FEB-2007 00:09:20	Twi_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	26108	No
2	GOM_NL__2PRFIN20070227_001901_000000382056_00002_26108_3817.N1	27-FEB-2007 00:19:01	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	26108	No
3	GOM_NL__2PRFIN20070227_003723_000000332056_00002_26108_3818.N1	27-FEB-2007 00:37:23	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26108	No
4	GOM_NL__2PRFIN20070227_005020_000000352056_00002_26108_3819.N1	27-FEB-2007 00:50:20	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	26108	No
5	GOM_NL__2PRFIN20070227_005956_000000372056_00002_26108_3820.N1	27-FEB-2007 00:59:56	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	26108	No
6	GOM_NL__2PRFIN20070227_010940_000000412056_00002_26108_3821.N1	27-FEB-2007 01:09:40	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	26108	No
7	GOM_NL__2PRFIN20070227_011127_000000412056_00002_26108_3822.N1	27-FEB-2007 01:11:27	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	26108	No
8	GOM_NL__2PRFIN20070227_011950_000000412056_00002_26108_3823.N1	27-FEB-2007 01:19:50	Dark	41.000	147	Alp Ara	2.8770	26000.	82	26108	No
9	GOM_NL__2PRFIN20070227_012106_000000392056_00003_26109_3819.N1	27-FEB-2007 01:21:06	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	26109	No
10	GOM_NL__2PRFIN20070227_012506_000000402056_00003_26109_3820.N1	27-FEB-2007 01:25:06	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26109	No
11	GOM_NL__2PRFIN20070227_012738_000000502056_00003_26109_3821.N1	27-FEB-2007 01:27:38	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	26109	No
12	GOM_NL__2PRFIN20070227_012858_000000432056_00003_26109_3822.N1	27-FEB-2007 01:28:58	Dark	42.500	10	Bet Cen	0.61000	28000.	85	26109	No
13	GOM_NL__2PRFIN20070227_013024_000000382056_00003_26109_3823.N1	27-FEB-2007 01:30:24	Dark	38.000	112	Alp Mus	2.6880	26000.	76	26109	No
14	GOM_NL__2PRFIN20070227_013138_000000492056_00003_26109_3824.N1	27-FEB-2007 01:31:38	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	26109	No
15	GOM_NL__2PRFIN20070227_013357_000000452056_00003_26109_3825.N1	27-FEB-2007 01:33:57	Dark	45.000	64	Gam Cen	2.2000	10600.	90	26109	No
16	GOM_NL__2PRFIN20070227_013713_000000412056_00003_26109_3826.N1	27-FEB-2007 01:37:13	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	26109	No
17	GOM_NL__2PRFIN20070227_014956_000000462056_00003_26109_3827.N1	27-FEB-2007 01:49:56	Twi_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	26109	No
18	GOM_NL__2PRFIN20070227_015936_000000402056_00003_26109_3828.N1	27-FEB-2007 01:59:36	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	26109	No
19	GOM_NL__2PRFIN20070227_021759_000000352056_00003_26109_3829.N1	27-FEB-2007 02:17:59	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26109	No
20	GOM_NL__2PRFIN20070227_023055_000000352056_00003_26109_3830.N1	27-FEB-2007 02:30:55	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	26109	No
21	GOM_NL__2PRFIN20070227_024032_000000382056_00003_26109_3831.N1	27-FEB-2007 02:40:32	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	26109	No
22	GOM_NL__2PRFIN20070227_025016_000000412056_00003_26109_3832.N1	27-FEB-2007 02:50:16	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	26109	No
23	GOM_NL__2PRFIN20070227_025203_000000402056_00003_26109_3833.N1	27-FEB-2007 02:52:03	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	26109	No
24	GOM_NL__2PRFIN20070227_025506_000000402056_00003_26109_3834.N1	27-FEB-2007 02:55:06	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	26109	No
25	GOM_NL__2PRFIN20070227_025749_000000422056_00003_26109_3835.N1	27-FEB-2007 02:57:49	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	26109	No
26	GOM_NL__2PRFIN20070227_030026_000000392056_00003_26109_3836.N1	27-FEB-2007 03:00:26	Dark	39.000	147	Alp Ara	2.8770	26000.	78	26109	No
27	GOM_NL__2PRFIN20070227_030143_000000462056_00004_26110_3835.N1	27-FEB-2007 03:01:43	Dark	46.000	141	Bet Ara	2.8400	4600.0	92	26110	No
28	GOM_NL__2PRFIN20070227_030542_000000392056_00004_26110_3836.N1	27-FEB-2007 03:05:42	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	26110	No
29	GOM_NL__2PRFIN20070227_030814_000000442056_00004_26110_3837.N1	27-FEB-2007 03:08:14	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	26110	No
30	GOM_NL__2PRFIN20070227_030934_000000472056_00004_26110_3838.N1	27-FEB-2007 03:09:34	Dark	47.000	10	Bet Cen	0.61000	28000.	94	26110	No
31	GOM_NL__2PRFIN20070227_031100_000000372056_00004_26110_3839.N1	27-FEB-2007 03:11:00	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26110	No
32	GOM_NL__2PRFIN20070227_031214_000000492056_00004_26110_3840.N1	27-FEB-2007 03:12:14	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	26110	No
33	GOM_NL__2PRFIN20070227_031434_000000442056_00004_26110_3841.N1	27-FEB-2007 03:14:34	Dark	44.000	64	Gam Cen	2.2000	10600.	88	26110	No
34	GOM_NL__2PRFIN20070227_031749_000000442056_00004_26110_3842.N1	27-FEB-2007 03:17:49	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	26110	No
35	GOM_NL__2PRFIN20070227_033032_000000452056_00004_26110_3843.N1	27-FEB-2007 03:30:32	Twi_and_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	26110	No
36	GOM_NL__2PRFIN20070227_034012_000000392056_00004_26110_3844.N1	27-FEB-2007 03:40:12	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	26110	No
37	GOM_NL__2PRFIN20070227_035835_000000332056_00004_26110_3845.N1	27-FEB-2007 03:58:35	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26110	No
38	GOM_NL__2PRFIN20070227_041132_000000342056_00004_26110_3846.N1	27-FEB-2007 04:11:32	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	26110	No
39	GOM_NL__2PRFIN20070227_042109_000000382056_00004_26110_3847.N1	27-FEB-2007 04:21:09	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	26110	No
40	GOM_NL__2PRFIN20070227_043053_000000432056_00004_26110_3848.N1	27-FEB-2007 04:30:53	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	26110	No
41	GOM_NL__2PRFIN20070227_043240_000000392056_00004_26110_3849.N1	27-FEB-2007 04:32:40	Dark	39.000	57	34Sig Sgr	2.0660	26000.	78	26110	No
42	GOM_NL__2PRFIN20070227_043543_000000422056_00004_26110_3850.N1	27-FEB-2007 04:35:43	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	26110	No

43	GOM_NL__2PRFIN20070227_043826_000000442056_00004_26110_3851.N1	27-FEB-2007 04:38:26	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	26110	No
44	GOM_NL__2PRFIN20070227_044103_000000392056_00004_26110_3852.N1	27-FEB-2007 04:41:03	Dark	39.000	147	Alp Ara	2.8770	26000.	78	26110	No
45	GOM_NL__2PRFIN20070227_044219_000000392056_00005_26111_3851.N1	27-FEB-2007 04:42:19	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	26111	No
46	GOM_NL__2PRFIN20070227_044619_000000382056_00005_26111_3852.N1	27-FEB-2007 04:46:19	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	26111	No
47	GOM_NL__2PRFIN20070227_044851_000000552056_00005_26111_3853.N1	27-FEB-2007 04:48:51	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	26111	No
48	GOM_NL__2PRFIN20070227_045011_000000492056_00005_26111_3854.N1	27-FEB-2007 04:50:11	Dark	48.500	10	Bet Cen	0.61000	28000.	97	26111	No
49	GOM_NL__2PRFIN20070227_045136_000000382056_00005_26111_3855.N1	27-FEB-2007 04:51:36	Dark	37.500	112	Alp Mus	2.6880	26000.	75	26111	No
50	GOM_NL__2PRFIN20070227_045251_000000402056_00005_26111_3856.N1	27-FEB-2007 04:52:51	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	26111	No
51	GOM_NL__2PRFIN20070227_045511_000000482056_00005_26111_3857.N1	27-FEB-2007 04:55:11	Dark	47.500	64	Gam Cen	2.2000	10600.	95	26111	No
52	GOM_NL__2PRFIN20070227_045826_000000402056_00005_26111_3858.N1	27-FEB-2007 04:58:26	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	26111	No
53	GOM_NL__2PRFIN20070227_051108_000000482056_00005_26111_3859.N1	27-FEB-2007 05:11:08	Twl_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	26111	No
54	GOM_NL__2PRFIN20070227_052048_000000572056_00005_26111_3860.N1	27-FEB-2007 05:20:48	Bright	57.000	166	17Eps Leo	2.9800	6000.0	114	26111	No
55	GOM_NL__2PRFIN20070227_053911_000000362056_00005_26111_3861.N1	27-FEB-2007 05:39:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26111	No
56	GOM_NL__2PRFIN20070227_055208_000000342056_00005_26111_3862.N1	27-FEB-2007 05:52:08	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	26111	No
57	GOM_NL__2PRFIN20070227_060145_000000392056_00005_26111_3863.N1	27-FEB-2007 06:01:45	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	26111	No
58	GOM_NL__2PRFIN20070227_061129_000000422056_00005_26111_3864.N1	27-FEB-2007 06:11:29	Dark	42.000	155	41Pi Sgr	2.9000	6600.0	84	26111	No
59	GOM_NL__2PRFIN20070227_061316_000000412056_00005_26111_3865.N1	27-FEB-2007 06:13:16	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	26111	No
60	GOM_NL__2PRFIN20070227_061619_000000442056_00005_26111_3866.N1	27-FEB-2007 06:16:19	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	26111	No
61	GOM_NL__2PRFIN20070227_061903_000000442056_00005_26111_3867.N1	27-FEB-2007 06:19:03	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	26111	No
62	GOM_NL__2PRFIN20070227_062139_000000402056_00005_26111_3868.N1	27-FEB-2007 06:21:39	Dark	39.500	147	Alp Ara	2.8770	26000.	79	26111	No
63	GOM_NL__2PRFIN20070227_062256_000000402056_00006_26112_3873.N1	27-FEB-2007 06:22:56	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	26112	No
64	GOM_NL__2PRFIN20070227_062655_000000402056_00006_26112_3874.N1	27-FEB-2007 06:26:55	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	26112	No
65	GOM_NL__2PRFIN20070227_062928_000000562056_00006_26112_3875.N1	27-FEB-2007 06:29:28	Dark	55.500	4	Alp1Cen	-0.010000	5800.0	111	26112	No
66	GOM_NL__2PRFIN20070227_063047_000000402056_00006_26112_3876.N1	27-FEB-2007 06:30:47	Dark	40.000	10	Bet Cen	0.61000	28000.	80	26112	No
67	GOM_NL__2PRFIN20070227_063213_000000372056_00006_26112_3877.N1	27-FEB-2007 06:32:13	Dark	36.500	112	Alp Mus	2.6880	26000.	73	26112	No
68	GOM_NL__2PRFIN20070227_063327_000000482056_00006_26112_3878.N1	27-FEB-2007 06:33:27	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	26112	No
69	GOM_NL__2PRFIN20070227_063547_000000462056_00006_26112_3879.N1	27-FEB-2007 06:35:47	Dark	46.000	64	Gam Cen	2.2000	10600.	92	26112	No
70	GOM_NL__2PRFIN20070227_063902_000000392056_00006_26112_3880.N1	27-FEB-2007 06:39:02	Straylight	39.000	113	Mu Vel	2.6920	5000.0	78	26112	No
71	GOM_NL__2PRFIN20070227_065144_000000442056_00006_26112_3881.N1	27-FEB-2007 06:51:44	Twl_and_stray	43.500	48	30Alp Hya	1.9770	4100.0	87	26112	No
72	GOM_NL__2PRFIN20070227_070124_000000402056_00006_26112_3882.N1	27-FEB-2007 07:01:24	Bright	39.500	166	17Eps Leo	2.9800	6000.0	79	26112	No
73	GOM_NL__2PRFIN20070227_071947_000000342056_00006_26112_3883.N1	27-FEB-2007 07:19:47	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26112	No
74	GOM_NL__2PRFIN20070227_073244_000000342056_00006_26112_3884.N1	27-FEB-2007 07:32:44	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	26112	No
75	GOM_NL__2PRFIN20070227_074221_000000392056_00006_26112_3885.N1	27-FEB-2007 07:42:21	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	26112	No
76	GOM_NL__2PRFIN20070227_075205_000000402056_00006_26112_3886.N1	27-FEB-2007 07:52:05	Dark	40.000	155	41Pi Sgr	2.9000	6600.0	80	26112	No
77	GOM_NL__2PRFIN20070227_075353_000000432056_00006_26112_3887.N1	27-FEB-2007 07:53:53	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	26112	No
78	GOM_NL__2PRFIN20070227_075656_000000432056_00006_26112_3888.N1	27-FEB-2007 07:56:56	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	26112	No
79	GOM_NL__2PRFIN20070227_075940_000000482056_00006_26112_3889.N1	27-FEB-2007 07:59:40	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	26112	No
80	GOM_NL__2PRFIN20070227_080216_000000412056_00006_26112_3890.N1	27-FEB-2007 08:02:16	Dark	41.000	147	Alp Ara	2.8770	26000.	82	26112	No
81	GOM_NL__2PRFIN20070227_080333_000000432056_00007_26113_3907.N1	27-FEB-2007 08:03:33	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	26113	No
82	GOM_NL__2PRFIN20070227_080732_000000392056_00007_26113_3908.N1	27-FEB-2007 08:07:32	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	26113	No
83	GOM_NL__2PRFIN20070227_081004_000000512056_00007_26113_3909.N1	27-FEB-2007 08:10:04	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	26113	No
84	GOM_NL__2PRFIN20070227_081124_000000482056_00007_26113_3910.N1	27-FEB-2007 08:11:24	Dark	47.500	10	Bet Cen	0.61000	28000.	95	26113	No
85	GOM_NL__2PRFIN20070227_081249_000000382056_00007_26113_3911.N1	27-FEB-2007 08:12:49	Dark	37.500	112	Alp Mus	2.6880	26000.	75	26113	No
86	GOM_NL__2PRFIN20070227_081404_000000402056_00007_26113_3912.N1	27-FEB-2007 08:14:04	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	26113	No
87	GOM_NL__2PRFIN20070227_081624_000000482056_00007_26113_3913.N1	27-FEB-2007 08:16:24	Dark	47.500	64	Gam Cen	2.2000	10600.	95	26113	No
88	GOM_NL__2PRFIN20070227_081938_000000422056_00007_26113_3914.N1	27-FEB-2007 08:19:38	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	26113	No
89	GOM_NL__2PRFIN20070227_083220_000000442056_00007_26113_3915.N1	27-FEB-2007 08:32:20	Twl_and_stray	43.500	48	30Alp Hya	1.9770	4100.0	87	26113	No
90	GOM_NL__2PRFIN20070227_084159_000000392056_00007_26113_3916.N1	27-FEB-2007 08:41:59	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	26113	No
91	GOM_NL__2PRFIN20070227_090023_000000362056_00007_26113_3917.N1	27-FEB-2007 09:00:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26113	No
92	GOM_NL__2PRFIN20070227_091320_000000352056_00007_26113_3918.N1	27-FEB-2007 09:13:20	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	26113	No
93	GOM_NL__2PRFIN20070227_092257_000000382056_00007_26113_3919.N1	27-FEB-2007 09:22:57	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	26113	No
94	GOM_NL__2PRFIN20070227_093242_000000412056_00007_26113_3920.N1	27-FEB-2007 09:32:42	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	26113	No
95	GOM_NL__2PRFIN20070227_093429_000000422056_00007_26113_3921.N1	27-FEB-2007 09:34:29	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	26113	No
96	GOM_NL__2PRFIN20070227_093732_000000452056_00007_26113_3922.N1	27-FEB-2007 09:37:32	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	26113	No
97	GOM_NL__2PRFIN20070227_094016_000000462056_00007_26113_3923.N1	27-FEB-2007 09:40:16	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	26113	No
98	GOM_NL__2PRFIN20070227_094252_000000402056_00007_26113_3924.N1	27-FEB-2007 09:42:52	Dark	40.000	147	Alp Ara	2.8770	26000.	80	26113	No
99	GOM_NL__2PRFIN20070227_094409_000000402056_00008_26114_3922.N1	27-FEB-2007 09:44:09	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	26114	No
100	GOM_NL__2PRFIN20070227_094808_000000392056_00008_26114_3923.N1	27-FEB-2007 09:48:08	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	26114	No
101	GOM_NL__2PRFIN20070227_095041_000000442056_00008_26114_3924.N1	27-FEB-2007 09:50:41	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	26114	No

102	GOM_NL__2PRFIN20070227_095200_000000492056_00008_26114_3925.N1	27-FEB-2007 09:52:00	Dark	49.000	10	Bet Cen	0.61000	28000.	98	26114	No
103	GOM_NL__2PRFIN20070227_095325_000000372056_00008_26114_3926.N1	27-FEB-2007 09:53:25	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26114	No
104	GOM_NL__2PRFIN20070227_095440_000000472056_00008_26114_3927.N1	27-FEB-2007 09:54:40	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	26114	No
105	GOM_NL__2PRFIN20070227_095700_000000452056_00008_26114_3928.N1	27-FEB-2007 09:57:00	Dark	44.500	64	Gam Cen	2.2000	10600.	89	26114	No
106	GOM_NL__2PRFIN20070227_100014_000000412056_00008_26114_3929.N1	27-FEB-2007 10:00:14	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	26114	No
107	GOM_NL__2PRFIN20070227_101256_000000382056_00008_26114_3930.N1	27-FEB-2007 10:12:56	Twilight	38.000	48	30Alp Hya	1.9770	4100.0	76	26114	No
108	GOM_NL__2PRFIN20070227_102235_000000402056_00008_26114_3931.N1	27-FEB-2007 10:22:35	Bright	39.500	166	17Eps Leo	2.9800	6000.0	79	26114	No
109	GOM_NL__2PRFIN20070227_104058_000000362056_00008_26114_3932.N1	27-FEB-2007 10:40:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26114	No
110	GOM_NL__2PRFIN20070227_105356_000000382056_00008_26114_3933.N1	27-FEB-2007 10:53:56	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	26114	No
111	GOM_NL__2PRFIN20070227_110333_000000392056_00008_26114_3934.N1	27-FEB-2007 11:03:33	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	26114	No
112	GOM_NL__2PRFIN20070227_111318_000000392056_00008_26114_3935.N1	27-FEB-2007 11:13:18	Dark	39.000	155	41Pi Sgr	2.9000	6600.0	78	26114	No
113	GOM_NL__2PRFIN20070227_111506_000000422056_00008_26114_3936.N1	27-FEB-2007 11:15:06	Dark	42.000	57	34Sig Sgr	2.0660	26000.	84	26114	No
114	GOM_NL__2PRFIN20070227_111809_000000432056_00008_26114_3937.N1	27-FEB-2007 11:18:09	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	26114	No
115	GOM_NL__2PRFIN20070227_112053_000000432056_00008_26114_3938.N1	27-FEB-2007 11:20:53	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	26114	No
116	GOM_NL__2PRFIN20070227_112329_000000392056_00008_26114_3939.N1	27-FEB-2007 11:23:29	Dark	39.000	147	Alp Ara	2.8770	26000.	78	26114	No
117	GOM_NL__2PRFIN20070227_112445_000000402056_00009_26115_4723.N1	27-FEB-2007 11:24:45	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	26115	No
118	GOM_NL__2PRFIN20070227_112844_000000392056_00009_26115_4724.N1	27-FEB-2007 11:28:44	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	26115	No
119	GOM_NL__2PRFIN20070227_113117_000000442056_00009_26115_4725.N1	27-FEB-2007 11:31:17	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	26115	No
120	GOM_NL__2PRFIN20070227_113237_000000432056_00009_26115_4726.N1	27-FEB-2007 11:32:37	Dark	42.500	10	Bet Cen	0.61000	28000.	85	26115	No
121	GOM_NL__2PRFIN20070227_113402_000000372056_00009_26115_4727.N1	27-FEB-2007 11:34:02	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26115	No
122	GOM_NL__2PRFIN20070227_113516_000000462056_00009_26115_4728.N1	27-FEB-2007 11:35:16	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	26115	No
123	GOM_NL__2PRFIN20070227_113737_000000442056_00009_26115_4729.N1	27-FEB-2007 11:37:37	Dark	44.000	64	Gam Cen	2.2000	10600.	88	26115	No
124	GOM_NL__2PRFIN20070227_114051_000000432056_00009_26115_4730.N1	27-FEB-2007 11:40:51	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	26115	No
125	GOM_NL__2PRFIN20070227_115332_000000462056_00009_26115_4731.N1	27-FEB-2007 11:53:32	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	26115	No
126	GOM_NL__2PRFIN20070227_120311_000000392056_00009_26115_4732.N1	27-FEB-2007 12:03:11	Bright	38.500	166	17Eps Leo	2.9800	6000.0	77	26115	No
127	GOM_NL__2PRFIN20070227_122134_000000342056_00009_26115_4733.N1	27-FEB-2007 12:21:34	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26115	No
128	GOM_NL__2PRFIN20070227_123432_000000352056_00009_26115_4734.N1	27-FEB-2007 12:34:32	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	26115	No
129	GOM_NL__2PRFIN20070227_124410_000000392056_00009_26115_4735.N1	27-FEB-2007 12:44:10	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	26115	No
130	GOM_NL__2PRFIN20070227_125354_000000392056_00009_26115_4736.N1	27-FEB-2007 12:53:54	Dark	39.000	155	41Pi Sgr	2.9000	6600.0	78	26115	No
131	GOM_NL__2PRFIN20070227_125542_000000432056_00009_26115_4737.N1	27-FEB-2007 12:55:42	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	26115	No
132	GOM_NL__2PRFIN20070227_125845_000000442056_00009_26115_4738.N1	27-FEB-2007 12:58:45	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	26115	No
133	GOM_NL__2PRFIN20070227_130130_000000442056_00009_26115_4739.N1	27-FEB-2007 13:01:30	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	26115	No
134	GOM_NL__2PRFIN20070227_130405_000000392056_00009_26115_4740.N1	27-FEB-2007 13:04:05	Dark	38.500	147	Alp Ara	2.8770	26000.	77	26115	No
135	GOM_NL__2PRFIN20070227_130522_000000402056_00010_26116_4755.N1	27-FEB-2007 13:05:22	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	26116	No
136	GOM_NL__2PRFIN20070227_130921_000000392056_00010_26116_4756.N1	27-FEB-2007 13:09:21	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	26116	No
137	GOM_NL__2PRFIN20070227_131154_000000442056_00010_26116_4757.N1	27-FEB-2007 13:11:54	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	26116	No
138	GOM_NL__2PRFIN20070227_131313_000000422056_00010_26116_4758.N1	27-FEB-2007 13:13:13	Dark	42.000	10	Bet Cen	0.61000	28000.	84	26116	No
139	GOM_NL__2PRFIN20070227_131438_000000372056_00010_26116_4759.N1	27-FEB-2007 13:14:38	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26116	No
140	GOM_NL__2PRFIN20070227_131553_000000482056_00010_26116_4760.N1	27-FEB-2007 13:15:53	Dark	48.000	12	Alp1Cru	0.77500	30000.	96	26116	No
141	GOM_NL__2PRFIN20070227_131813_000000432056_00010_26116_4761.N1	27-FEB-2007 13:18:13	Dark	43.000	64	Gam Cen	2.2000	10600.	86	26116	No
142	GOM_NL__2PRFIN20070227_132127_000000402056_00010_26116_4762.N1	27-FEB-2007 13:21:27	Straylight	39.500	113	Mu Vel	2.6920	5000.0	79	26116	No
143	GOM_NL__2PRFIN20070227_133408_000000462056_00010_26116_4763.N1	27-FEB-2007 13:34:08	Twilight	45.500	48	30Alp Hya	1.9770	4100.0	91	26116	No
144	GOM_NL__2PRFIN20070227_134346_000000392056_00010_26116_4764.N1	27-FEB-2007 13:43:46	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	26116	No
145	GOM_NL__2PRFIN20070227_140210_000000362056_00010_26116_4765.N1	27-FEB-2007 14:02:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26116	No
146	GOM_NL__2PRFIN20070227_141442_000000362056_00010_26116_4766.N1	27-FEB-2007 14:14:42	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	26116	No
147	GOM_NL__2PRFIN20070227_141617_000000342056_00010_26116_4767.N1	27-FEB-2007 14:16:17	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	26116	No
148	GOM_NL__2PRFIN20070227_142446_000000382056_00010_26116_4768.N1	27-FEB-2007 14:24:46	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	26116	No
149	GOM_NL__2PRFIN20070227_143431_000000392056_00010_26116_4769.N1	27-FEB-2007 14:34:31	Dark	38.500	155	41Pi Sgr	2.9000	6600.0	77	26116	No
150	GOM_NL__2PRFIN20070227_143618_000000422056_00010_26116_4770.N1	27-FEB-2007 14:36:18	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	26116	No
151	GOM_NL__2PRFIN20070227_143922_000000452056_00010_26116_4771.N1	27-FEB-2007 14:39:22	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	26116	No
152	GOM_NL__2PRFIN20070227_144206_000000442056_00010_26116_4772.N1	27-FEB-2007 14:42:06	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	26116	No
153	GOM_NL__2PRFIN20070227_144442_000000382056_00010_26116_4773.N1	27-FEB-2007 14:44:42	Dark	38.000	147	Alp Ara	2.8770	26000.	76	26116	No
154	GOM_NL__2PRFIN20070227_144558_000000402056_00011_26117_4896.N1	27-FEB-2007 14:45:58	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	26117	No
155	GOM_NL__2PRFIN20070227_144957_000000402056_00011_26117_4897.N1	27-FEB-2007 14:49:57	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26117	No
156	GOM_NL__2PRFIN20070227_145230_000000452056_00011_26117_4898.N1	27-FEB-2007 14:52:30	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	26117	No
157	GOM_NL__2PRFIN20070227_145350_000000452056_00011_26117_4899.N1	27-FEB-2007 14:53:50	Dark	44.500	10	Bet Cen	0.61000	28000.	89	26117	No
158	GOM_NL__2PRFIN20070227_145514_000000372056_00011_26117_4900.N1	27-FEB-2007 14:55:14	Dark	36.500	112	Alp Mus	2.6880	26000.	73	26117	No
159	GOM_NL__2PRFIN20070227_145629_000000482056_00011_26117_4901.N1	27-FEB-2007 14:56:29	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	26117	No
160	GOM_NL__2PRFIN20070227_145850_000000432056_00011_26117_4902.N1	27-FEB-2007 14:58:50	Dark	42.500	64	Gam Cen	2.2000	10600.	85	26117	No

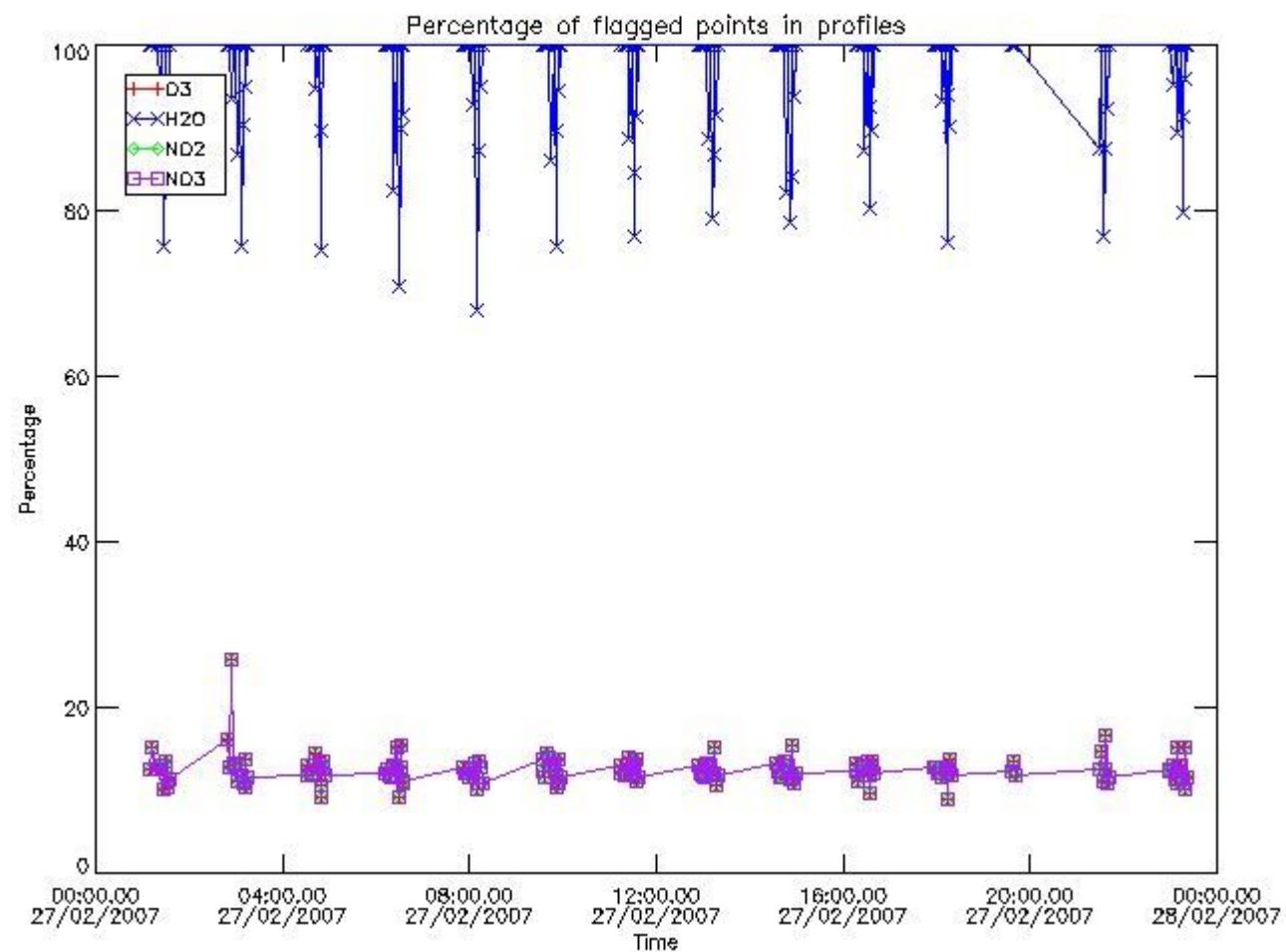
161	GOM_NL__2PRFIN20070227_150203_000000392056_00011_26117_4903.N1	27-FEB-2007 15:02:03	Straylight	39.000	113	Mu Vel	2.6920	5000.0	78	26117	No
162	GOM_NL__2PRFIN20070227_151444_000000482056_00011_26117_4904.N1	27-FEB-2007 15:14:44	Twl_and_stray	47.500	48	30Alp Hya	1.9770	4100.0	95	26117	No
163	GOM_NL__2PRFIN20070227_152422_000000402056_00011_26117_4905.N1	27-FEB-2007 15:24:22	Bright	39.500	166	17Eps Leo	2.9800	6000.0	79	26117	No
164	GOM_NL__2PRFIN20070227_154246_000000372056_00011_26117_4906.N1	27-FEB-2007 15:42:46	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	26117	No
165	GOM_NL__2PRFIN20070227_155519_000000332056_00011_26117_4907.N1	27-FEB-2007 15:55:19	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	26117	No
166	GOM_NL__2PRFIN20070227_155653_000000362056_00011_26117_4908.N1	27-FEB-2007 15:56:53	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	26117	No
167	GOM_NL__2PRFIN20070227_160522_000000382056_00011_26117_4909.N1	27-FEB-2007 16:05:22	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	26117	No
168	GOM_NL__2PRFIN20070227_161507_000000422056_00011_26117_4910.N1	27-FEB-2007 16:15:07	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	26117	No
169	GOM_NL__2PRFIN20070227_161655_000000432056_00011_26117_4911.N1	27-FEB-2007 16:16:55	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	26117	No
170	GOM_NL__2PRFIN20070227_161958_000000462056_00011_26117_4912.N1	27-FEB-2007 16:19:58	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	26117	No
171	GOM_NL__2PRFIN20070227_162243_000000442056_00011_26117_4913.N1	27-FEB-2007 16:22:43	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	26117	No
172	GOM_NL__2PRFIN20070227_162518_000000402056_00011_26117_4914.N1	27-FEB-2007 16:25:18	Dark	40.000	147	Alp Ara	2.8770	26000.	80	26117	No
173	GOM_NL__2PRFIN20070227_162635_000000402056_00012_26118_4963.N1	27-FEB-2007 16:26:35	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	26118	No
174	GOM_NL__2PRFIN20070227_163034_000000382056_00012_26118_4964.N1	27-FEB-2007 16:30:34	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	26118	No
175	GOM_NL__2PRFIN20070227_163307_000000442056_00012_26118_4965.N1	27-FEB-2007 16:33:07	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	26118	No
176	GOM_NL__2PRFIN20070227_163426_000000542056_00012_26118_4966.N1	27-FEB-2007 16:34:26	Dark	53.500	10	Bet Cen	0.61000	28000.	107	26118	No
177	GOM_NL__2PRFIN20070227_163550_000000382056_00012_26118_4967.N1	27-FEB-2007 16:35:50	Dark	38.000	112	Alp Mus	2.6880	26000.	76	26118	No
178	GOM_NL__2PRFIN20070227_163706_000000402056_00012_26118_4968.N1	27-FEB-2007 16:37:06	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	26118	No
179	GOM_NL__2PRFIN20070227_163927_000000432056_00012_26118_4969.N1	27-FEB-2007 16:39:27	Dark	42.500	64	Gam Cen	2.2000	10600.	85	26118	No
180	GOM_NL__2PRFIN20070227_164239_000000412056_00012_26118_4970.N1	27-FEB-2007 16:42:39	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	26118	No
181	GOM_NL__2PRFIN20070227_165520_000000442056_00012_26118_4971.N1	27-FEB-2007 16:55:20	Twl_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	26118	No
182	GOM_NL__2PRFIN20070227_170458_000000402056_00012_26118_4972.N1	27-FEB-2007 17:04:58	Bright	39.500	166	17Eps Leo	2.9800	6000.0	79	26118	No
183	GOM_NL__2PRFIN20070227_172322_000000362056_00012_26118_4973.N1	27-FEB-2007 17:23:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26118	No
184	GOM_NL__2PRFIN20070227_173555_000000342056_00012_26118_4974.N1	27-FEB-2007 17:35:55	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	26118	No
185	GOM_NL__2PRFIN20070227_173729_000000352056_00012_26118_4975.N1	27-FEB-2007 17:37:29	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	26118	No
186	GOM_NL__2PRFIN20070227_174559_000000382056_00012_26118_4976.N1	27-FEB-2007 17:45:59	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	26118	No
187	GOM_NL__2PRFIN20070227_175544_000000402056_00012_26118_4977.N1	27-FEB-2007 17:55:44	Dark	40.000	155	41Pi Sgr	2.9000	6600.0	80	26118	No
188	GOM_NL__2PRFIN20070227_175731_000000402056_00012_26118_4978.N1	27-FEB-2007 17:57:31	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	26118	No
189	GOM_NL__2PRFIN20070227_180035_000000422056_00012_26118_4979.N1	27-FEB-2007 18:00:35	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	26118	No
190	GOM_NL__2PRFIN20070227_180320_000000432056_00012_26118_4980.N1	27-FEB-2007 18:03:20	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	26118	No
191	GOM_NL__2PRFIN20070227_180555_000000402056_00012_26118_4981.N1	27-FEB-2007 18:05:55	Dark	40.000	147	Alp Ara	2.8770	26000.	80	26118	No
192	GOM_NL__2PRFIN20070227_180711_000000452056_00013_26119_4981.N1	27-FEB-2007 18:07:11	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	26119	No
193	GOM_NL__2PRFIN20070227_181110_000000402056_00013_26119_4982.N1	27-FEB-2007 18:11:10	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	26119	No
194	GOM_NL__2PRFIN20070227_181343_000000572056_00013_26119_4983.N1	27-FEB-2007 18:13:43	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	26119	No
195	GOM_NL__2PRFIN20070227_181503_000000422056_00013_26119_4984.N1	27-FEB-2007 18:15:03	Dark	42.000	10	Bet Cen	0.61000	28000.	84	26119	No
196	GOM_NL__2PRFIN20070227_181627_000000372056_00013_26119_4985.N1	27-FEB-2007 18:16:27	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26119	No
197	GOM_NL__2PRFIN20070227_181742_000000412056_00013_26119_4986.N1	27-FEB-2007 18:17:42	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	26119	No
198	GOM_NL__2PRFIN20070227_182003_000000442056_00013_26119_4987.N1	27-FEB-2007 18:20:03	Dark	43.500	64	Gam Cen	2.2000	10600.	87	26119	No
199	GOM_NL__2PRFIN20070227_182316_000000432056_00013_26119_4988.N1	27-FEB-2007 18:23:16	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	26119	No
200	GOM_NL__2PRFIN20070227_183556_000000452056_00013_26119_4989.N1	27-FEB-2007 18:35:56	Twl_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	26119	No
201	GOM_NL__2PRFIN20070227_184534_000000402056_00013_26119_4990.N1	27-FEB-2007 18:45:34	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	26119	No
202	GOM_NL__2PRFIN20070227_190358_000000372056_00013_26119_4991.N1	27-FEB-2007 19:03:58	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	26119	No
203	GOM_NL__2PRFIN20070227_191631_000000352056_00013_26119_4992.N1	27-FEB-2007 19:16:31	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	26119	No
204	GOM_NL__2PRFIN20070227_191805_000000352056_00013_26119_4993.N1	27-FEB-2007 19:18:05	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	26119	No
205	GOM_NL__2PRFIN20070227_192635_000000392056_00013_26119_4994.N1	27-FEB-2007 19:26:35	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	26119	No
206	GOM_NL__2PRFIN20070227_193620_000000422056_00013_26119_4995.N1	27-FEB-2007 19:36:20	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	26119	No
207	GOM_NL__2PRFIN20070227_193808_000000422056_00013_26119_4996.N1	27-FEB-2007 19:38:08	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	26119	No
208	GOM_NL__2PRFIN20070227_194111_000000442056_00013_26119_4997.N1	27-FEB-2007 19:41:11	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	26119	No
209	GOM_NL__2PRFIN20070227_212824_000000412056_00015_26121_5008.N1	27-FEB-2007 21:28:24	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	26121	No
210	GOM_NL__2PRFIN20070227_213223_000000382056_00015_26121_5009.N1	27-FEB-2007 21:32:23	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	26121	No
211	GOM_NL__2PRFIN20070227_213457_000000462056_00015_26121_5010.N1	27-FEB-2007 21:34:57	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	26121	No
212	GOM_NL__2PRFIN20070227_213616_000000412056_00015_26121_5011.N1	27-FEB-2007 21:36:16	Dark	40.500	10	Bet Cen	0.61000	28000.	81	26121	No
213	GOM_NL__2PRFIN20070227_213739_000000372056_00015_26121_5012.N1	27-FEB-2007 21:37:39	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26121	No
214	GOM_NL__2PRFIN20070227_213855_000000472056_00015_26121_5013.N1	27-FEB-2007 21:38:55	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	26121	No
215	GOM_NL__2PRFIN20070227_214116_000000442056_00015_26121_5014.N1	27-FEB-2007 21:41:16	Dark	44.000	64	Gam Cen	2.2000	10600.	88	26121	No
216	GOM_NL__2PRFIN20070227_214428_000000402056_00015_26121_5015.N1	27-FEB-2007 21:44:28	Straylight	39.500	113	Mu Vel	2.6920	5000.0	79	26121	No
217	GOM_NL__2PRFIN20070227_215708_000000432056_00015_26121_5016.N1	27-FEB-2007 21:57:08	Twl_and_stray	42.500	48	30Alp Hya	1.9770	4100.0	85	26121	No
218	GOM_NL__2PRFIN20070227_220645_000000392056_00015_26121_5017.N1	27-FEB-2007 22:06:45	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	26121	No
219	GOM_NL__2PRFIN20070227_222510_000000362056_00015_26121_5018.N1	27-FEB-2007 22:25:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26121	No

220	GOM_NL__2PRFIN20070227_223743_000000342056_00015_26121_5019.N1	27-FEB-2007 22:37:43	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	26121	No
221	GOM_NL__2PRFIN20070227_223917_000000332056_00015_26121_5020.N1	27-FEB-2007 22:39:17	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	26121	No
222	GOM_NL__2PRFIN20070227_224747_000000382056_00015_26121_5021.N1	27-FEB-2007 22:47:47	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	26121	No
223	GOM_NL__2PRFIN20070227_225733_000000412056_00015_26121_5022.N1	27-FEB-2007 22:57:33	Dark	40.500	155	41Pi Sgr	2.9000	6600.0	81	26121	No
224	GOM_NL__2PRFIN20070227_225920_000000422056_00015_26121_5023.N1	27-FEB-2007 22:59:20	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	26121	No
225	GOM_NL__2PRFIN20070227_230224_000000432056_00015_26121_5024.N1	27-FEB-2007 23:02:24	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	26121	No
226	GOM_NL__2PRFIN20070227_230510_000000452056_00015_26121_5025.N1	27-FEB-2007 23:05:10	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	26121	No
227	GOM_NL__2PRFIN20070227_230744_000000402056_00015_26121_5026.N1	27-FEB-2007 23:07:44	Dark	40.000	147	Alp Ara	2.8770	26000.	80	26121	No
228	GOM_NL__2PRFIN20070227_230901_000000482056_00016_26122_5017.N1	27-FEB-2007 23:09:01	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	26122	No
229	GOM_NL__2PRFIN20070227_231300_000000392056_00016_26122_5018.N1	27-FEB-2007 23:13:00	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	26122	No
230	GOM_NL__2PRFIN20070227_231533_000000452056_00016_26122_5019.N1	27-FEB-2007 23:15:33	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	26122	No
231	GOM_NL__2PRFIN20070227_231653_000000472056_00016_26122_5020.N1	27-FEB-2007 23:16:53	Dark	46.500	10	Bet Cen	0.61000	28000.	93	26122	No
232	GOM_NL__2PRFIN20070227_231816_000000372056_00016_26122_5021.N1	27-FEB-2007 23:18:16	Dark	37.000	112	Alp Mus	2.6880	26000.	74	26122	No
233	GOM_NL__2PRFIN20070227_231931_000000502056_00016_26122_5022.N1	27-FEB-2007 23:19:31	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	26122	No
234	GOM_NL__2PRFIN20070227_232153_000000452056_00016_26122_5023.N1	27-FEB-2007 23:21:53	Dark	44.500	64	Gam Cen	2.2000	10600.	89	26122	No
235	GOM_NL__2PRFIN20070227_232504_000000412056_00016_26122_5024.N1	27-FEB-2007 23:25:04	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	26122	No
236	GOM_NL__2PRFIN20070227_233744_000000452056_00016_26122_5025.N1	27-FEB-2007 23:37:44	Twilight_and_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	26122	No
237	GOM_NL__2PRFIN20070227_234721_000000382056_00016_26122_5026.N1	27-FEB-2007 23:47:21	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	26122	No

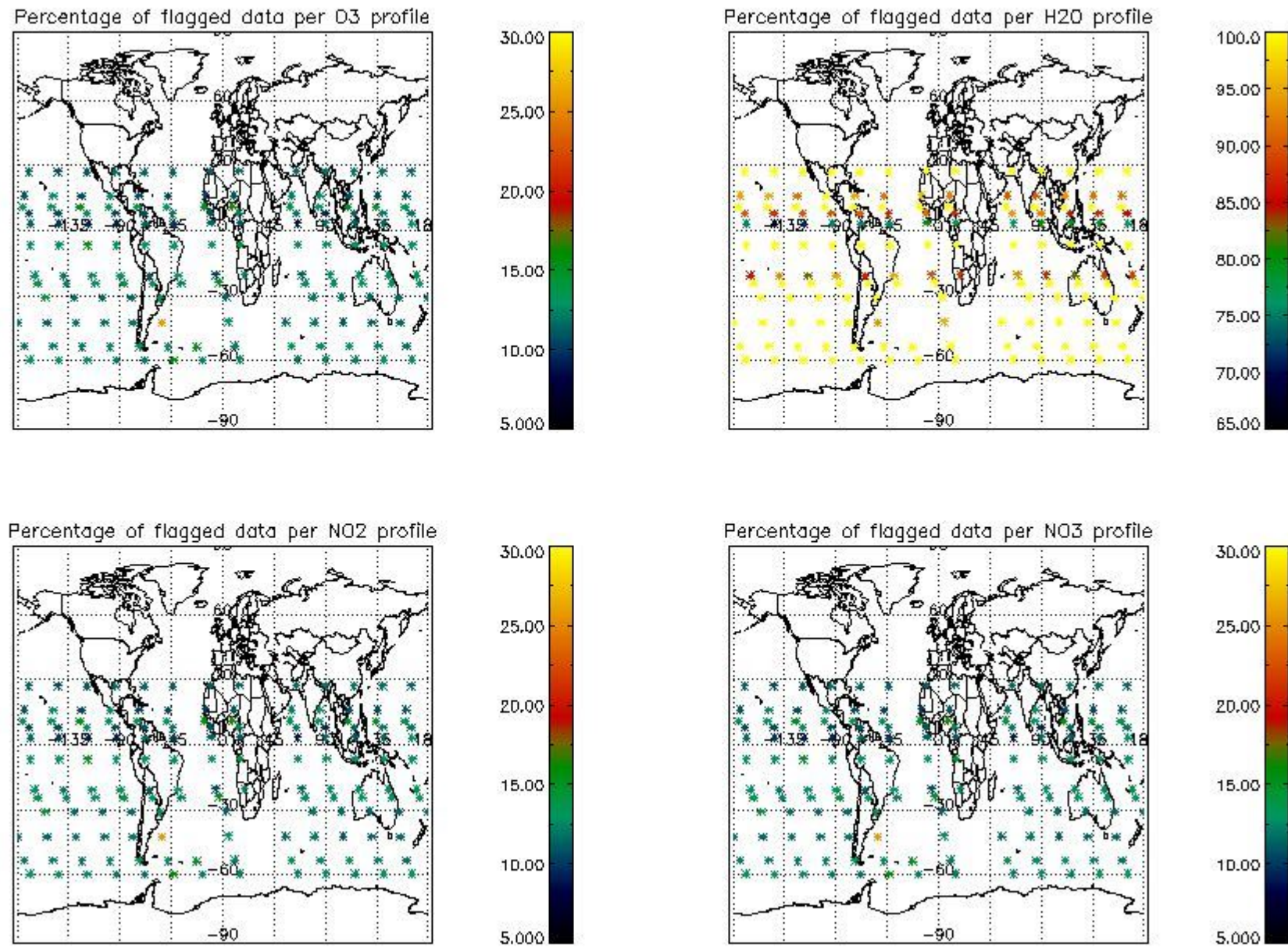
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

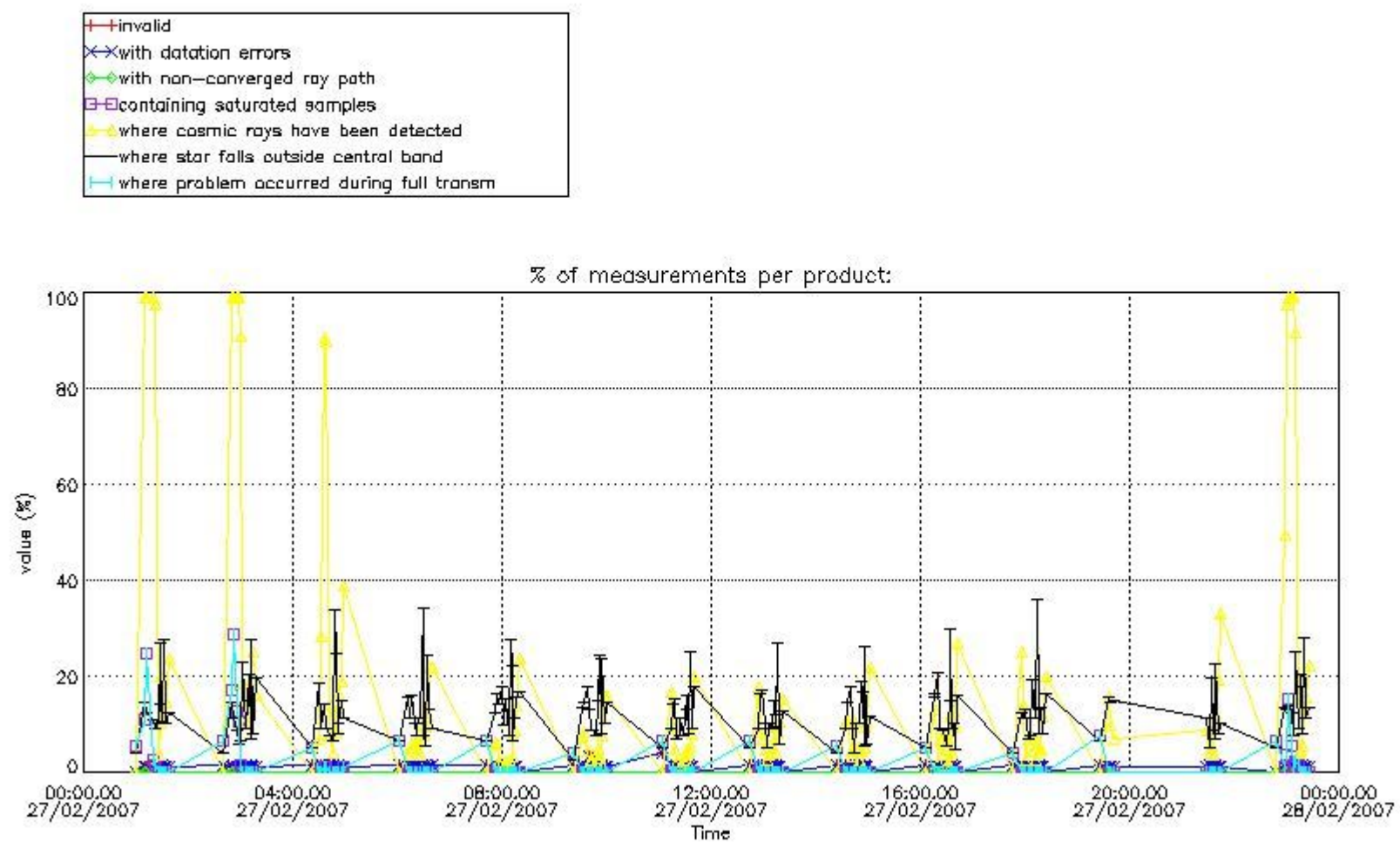


4. Level 1 quality information per product

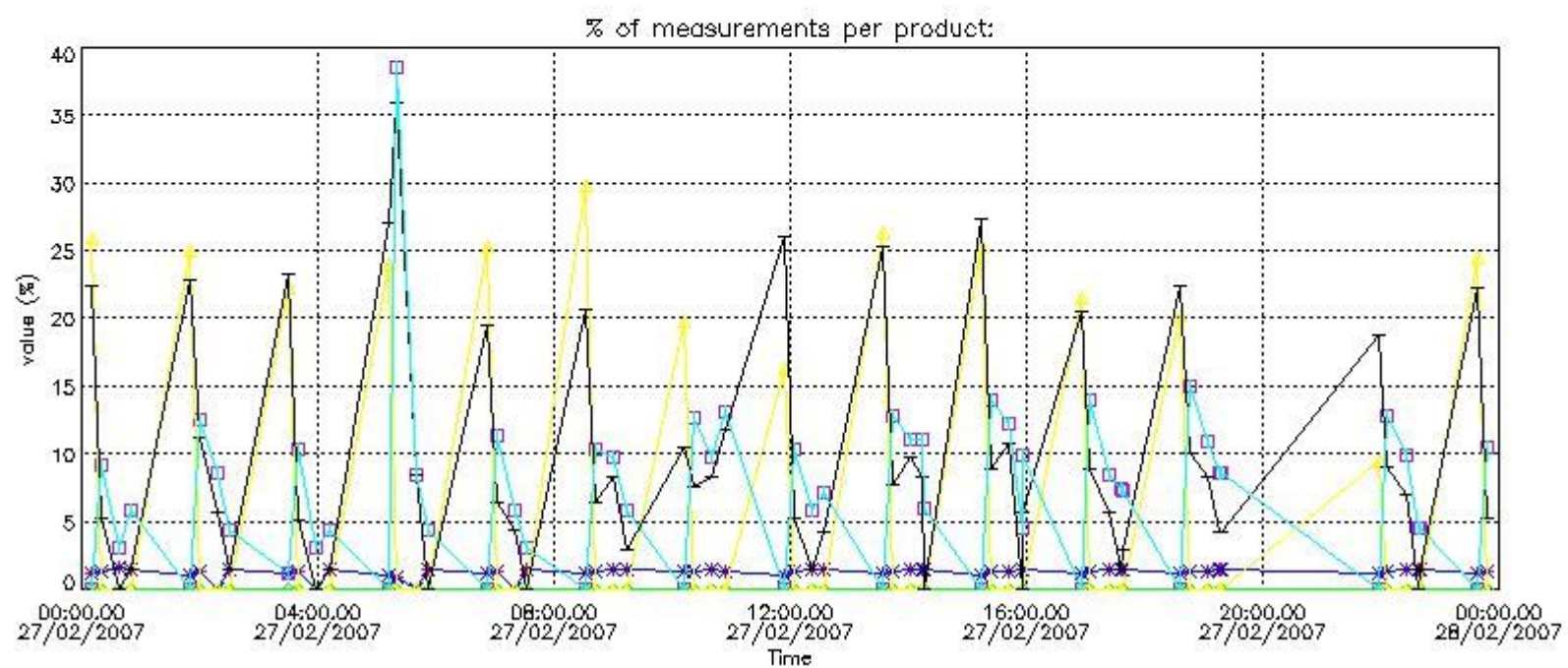
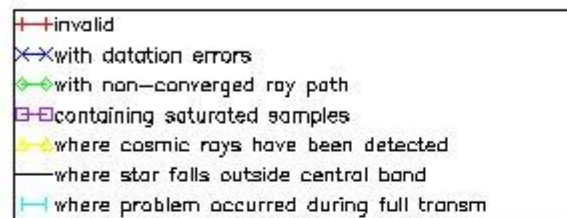
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

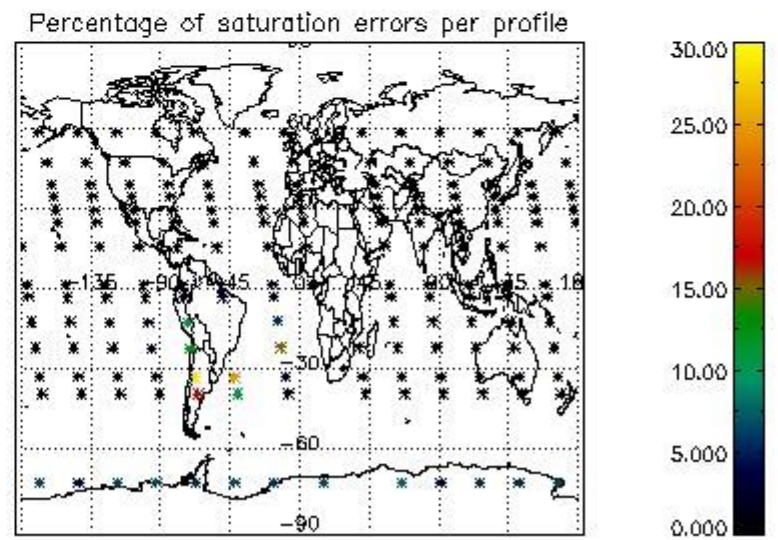
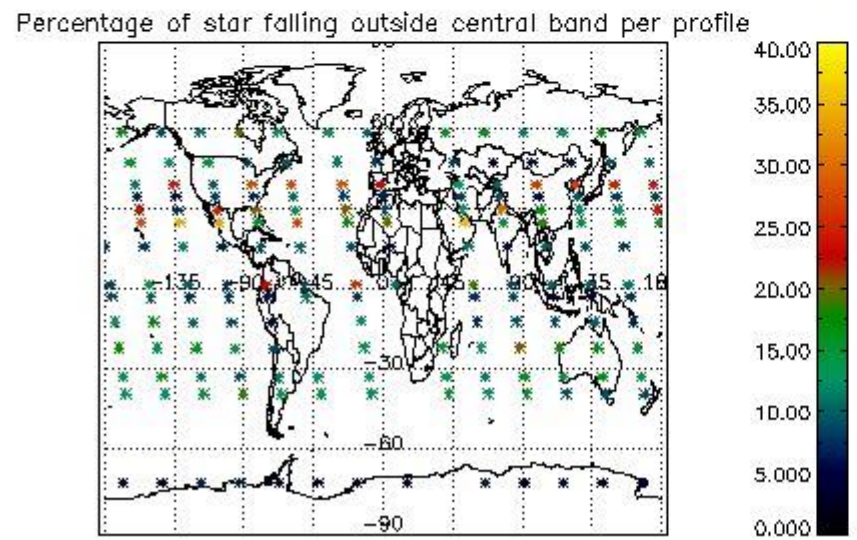
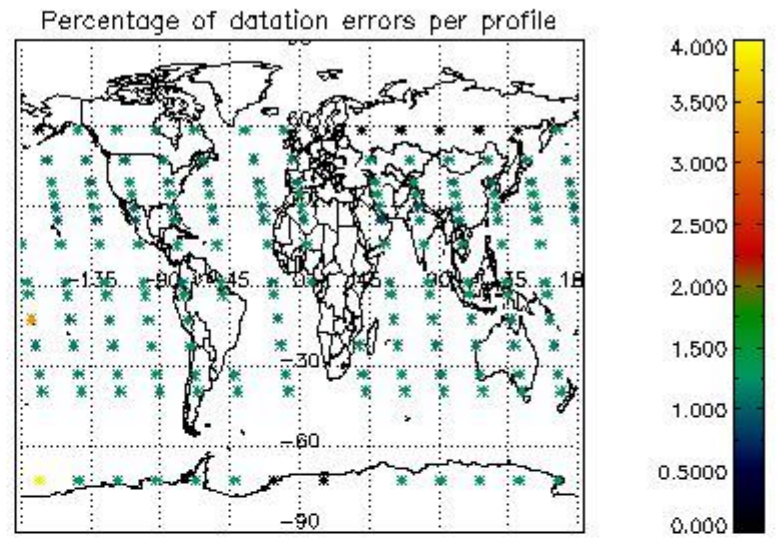
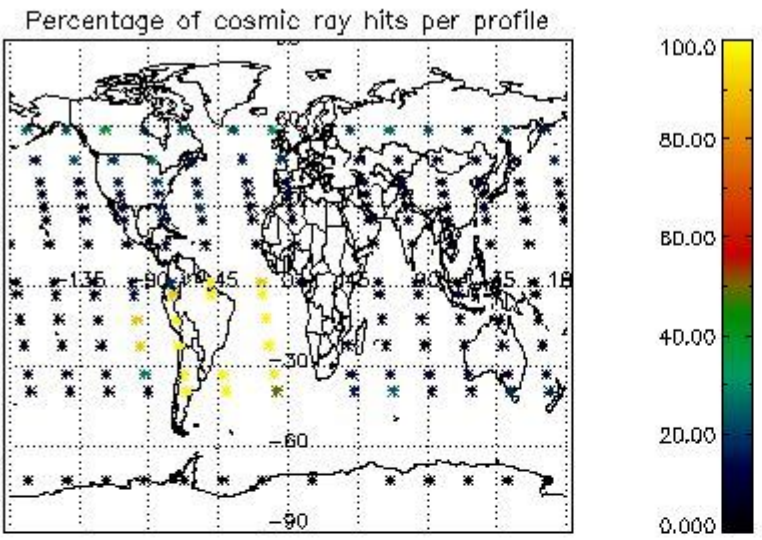


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

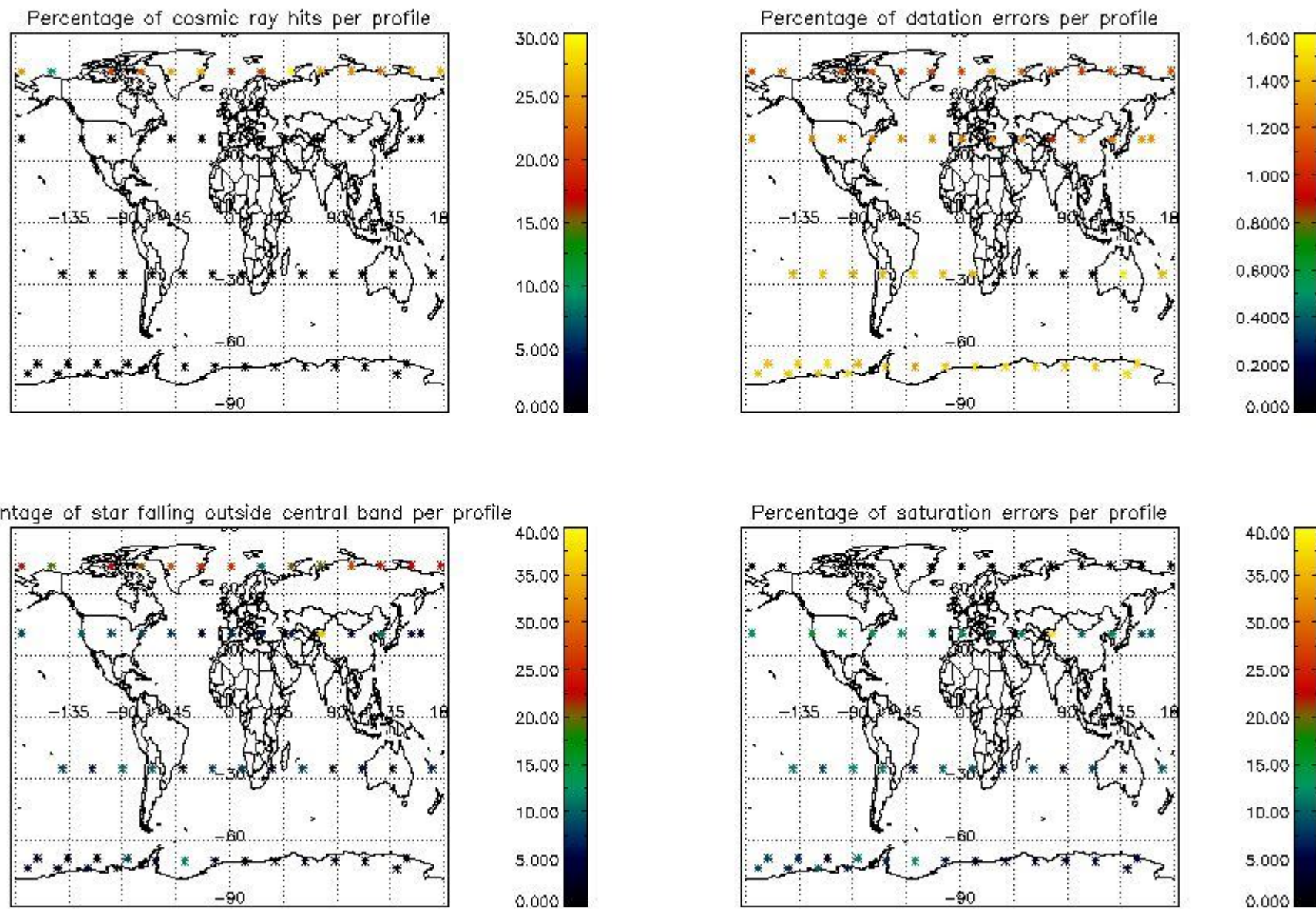


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

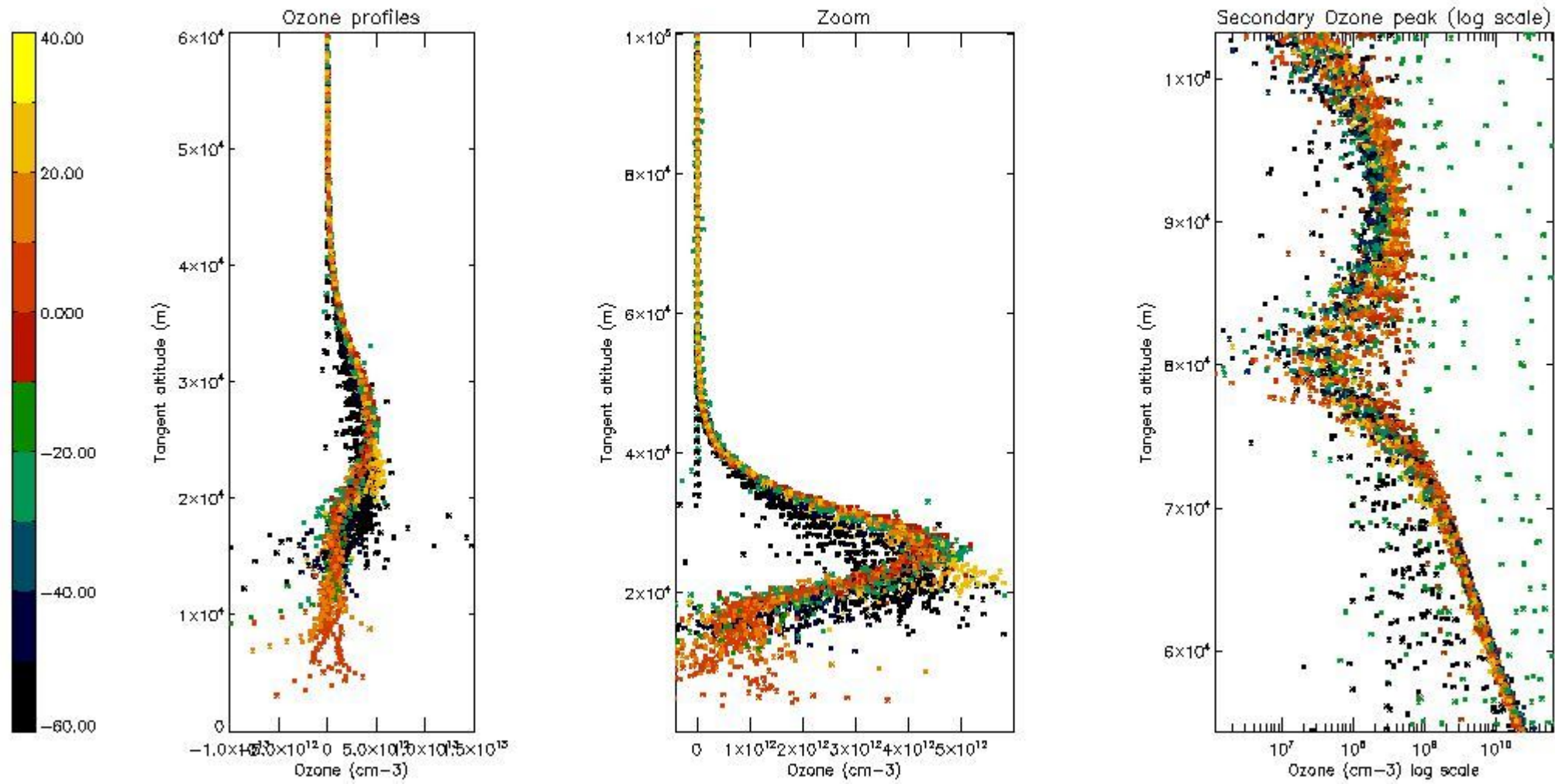
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	67
STD < 20	39

STD < 10	31
STD < 5	23

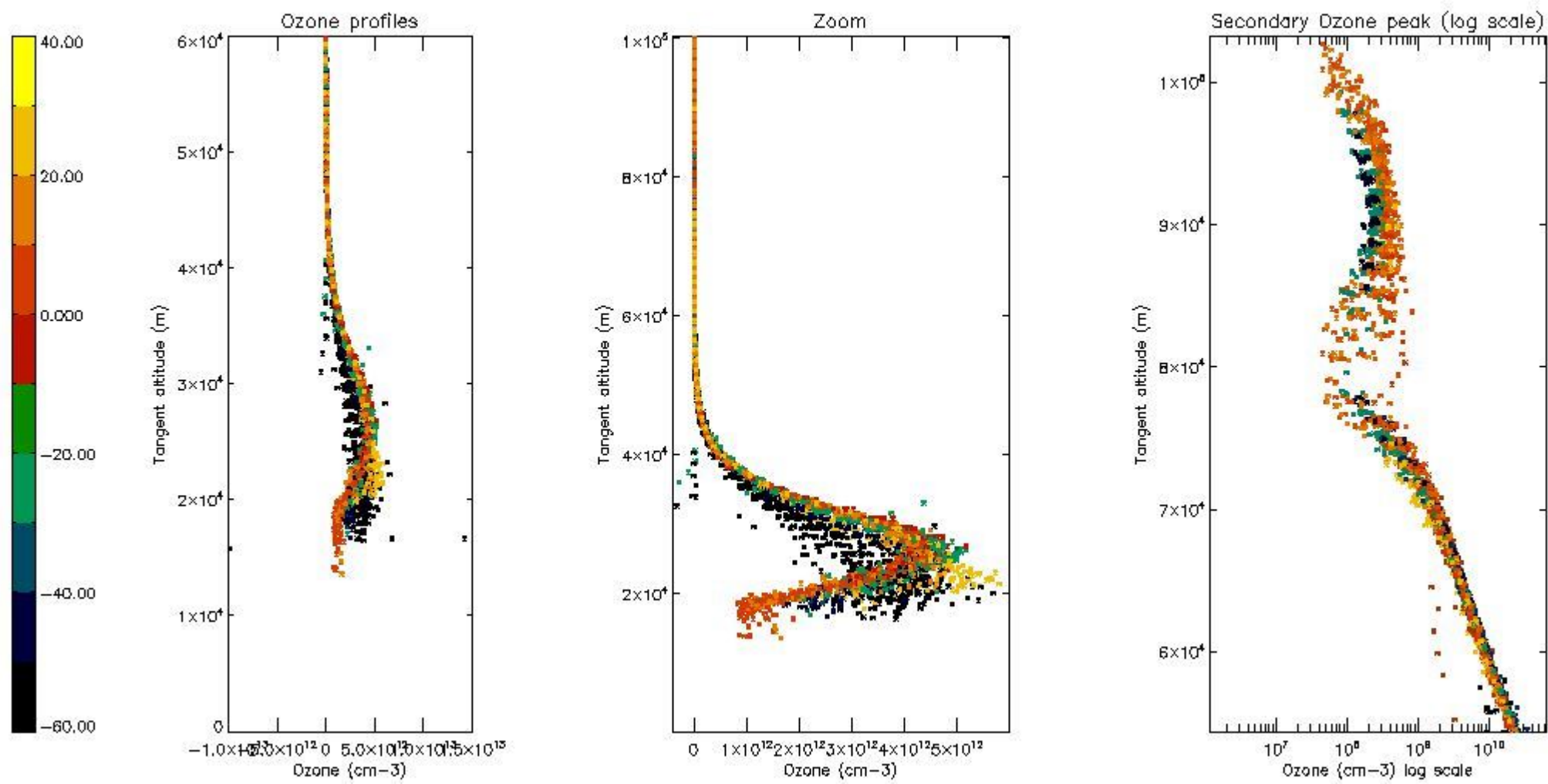
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



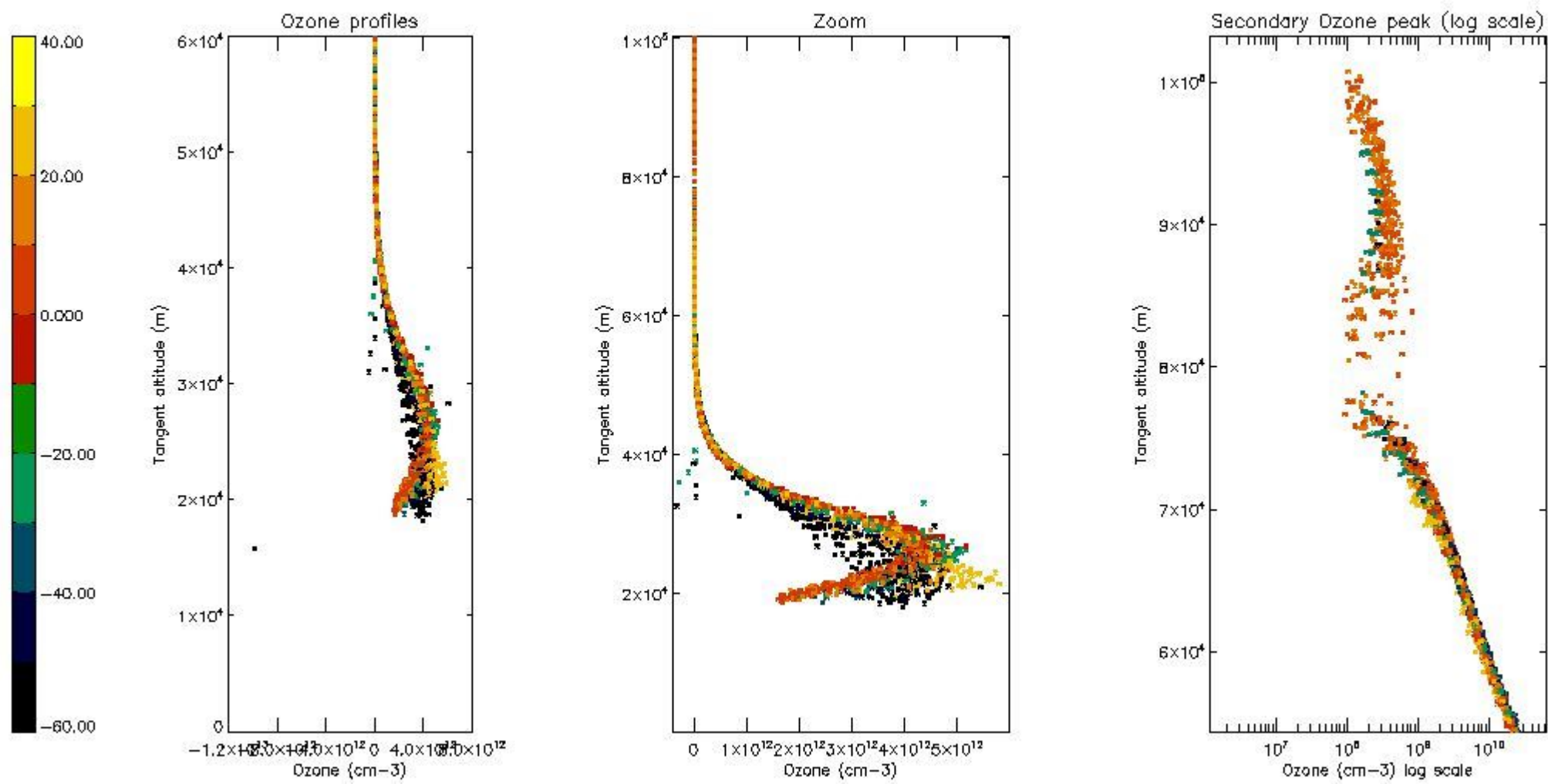
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



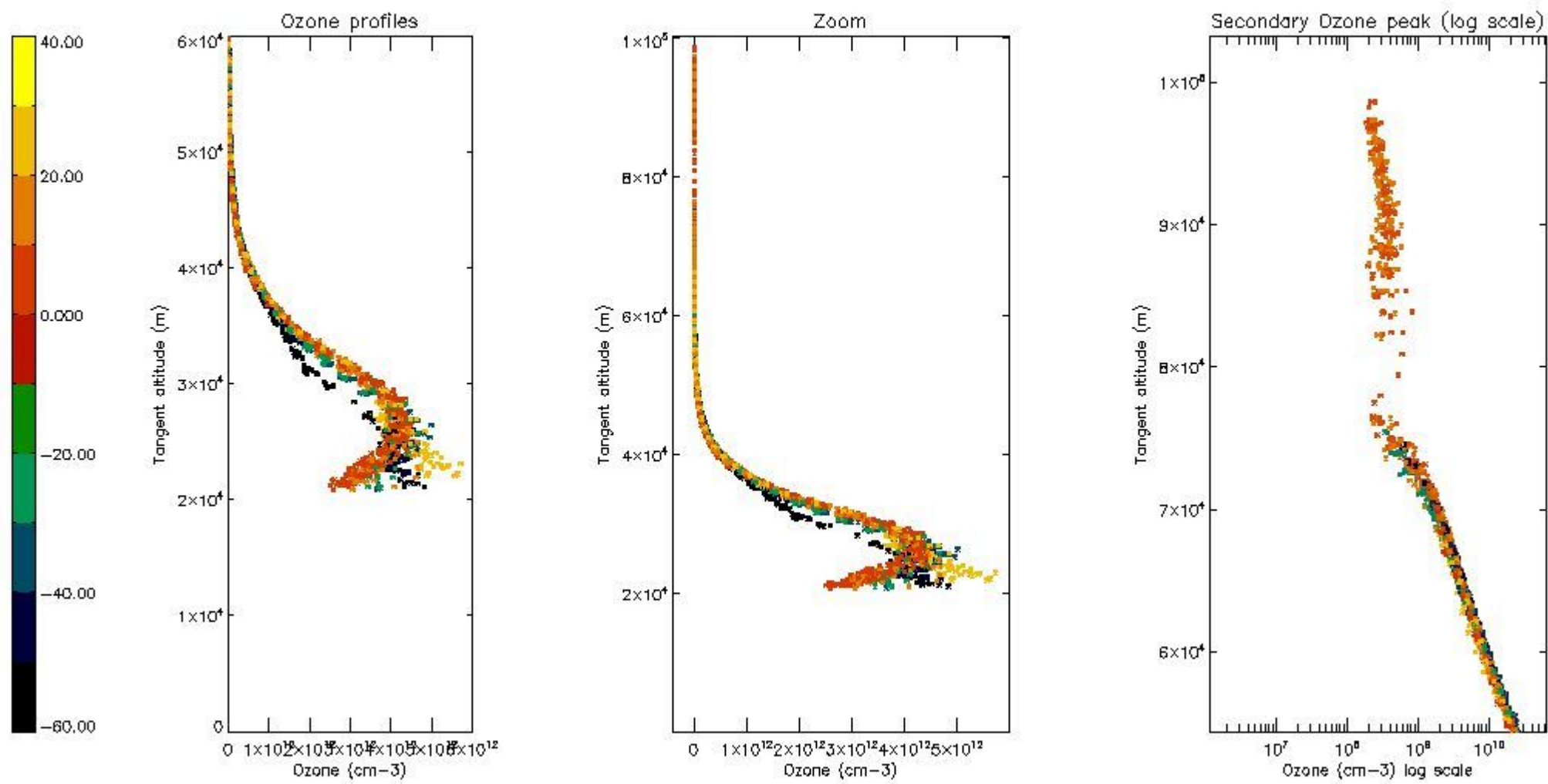
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



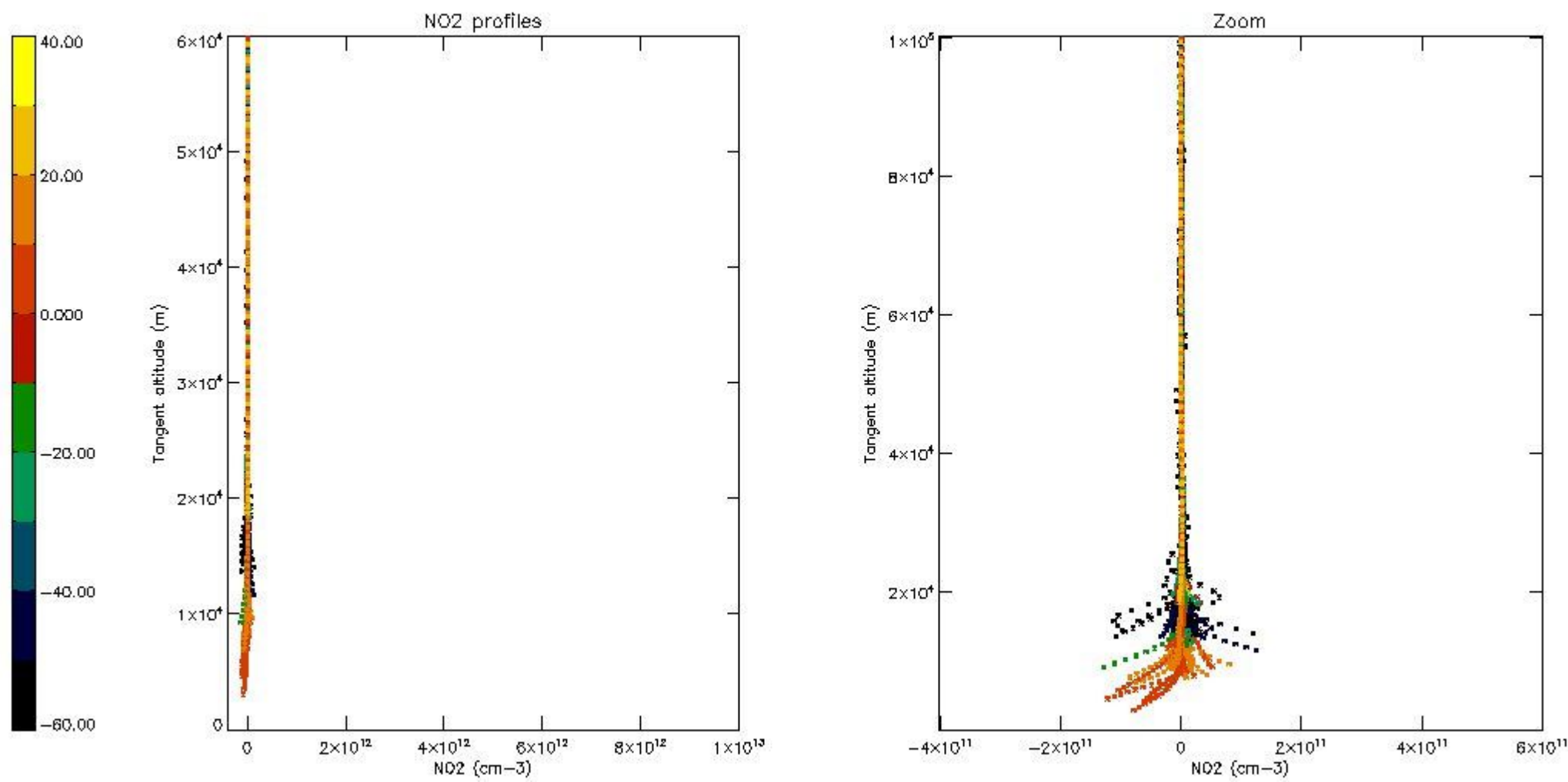
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



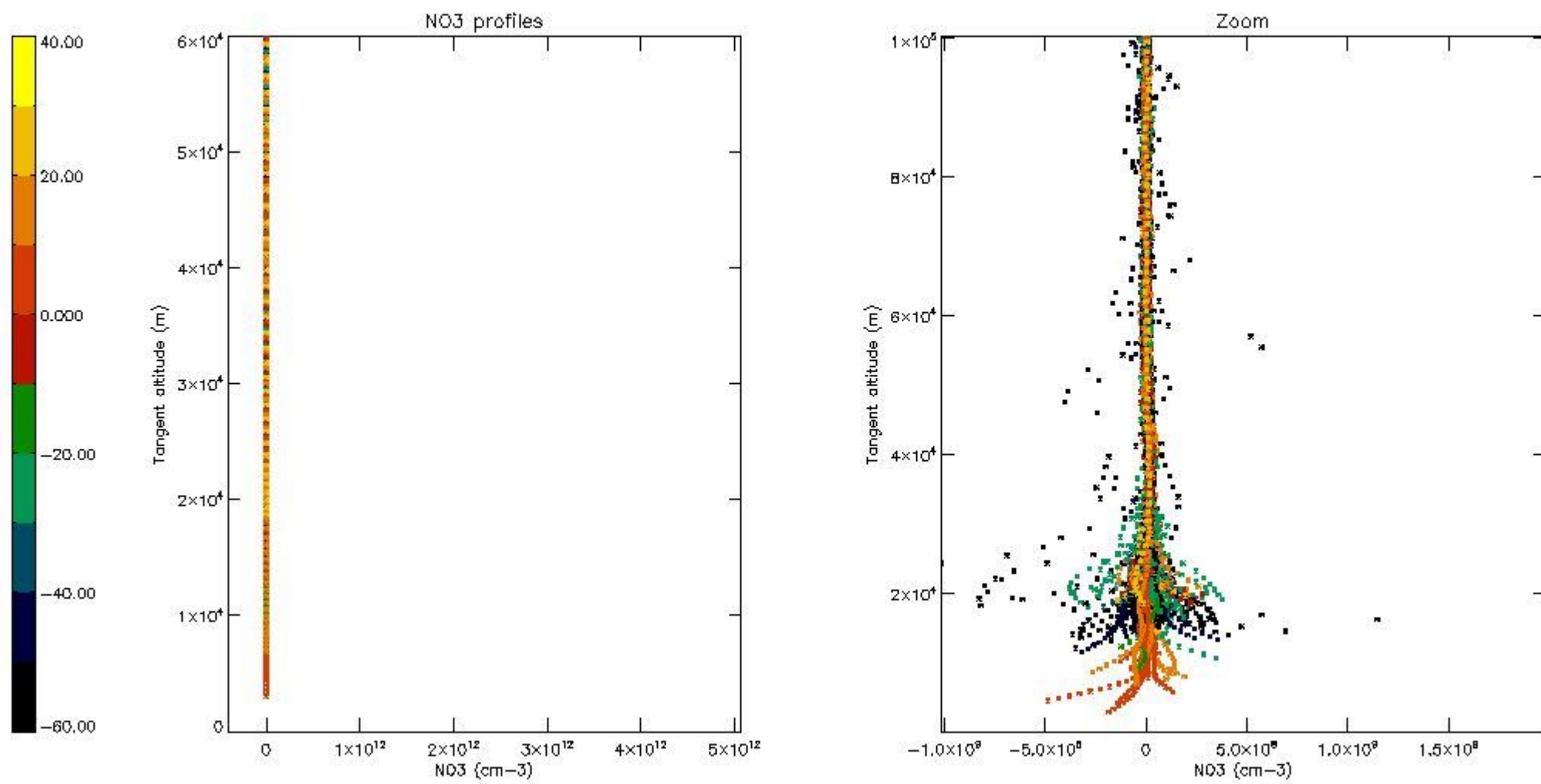
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



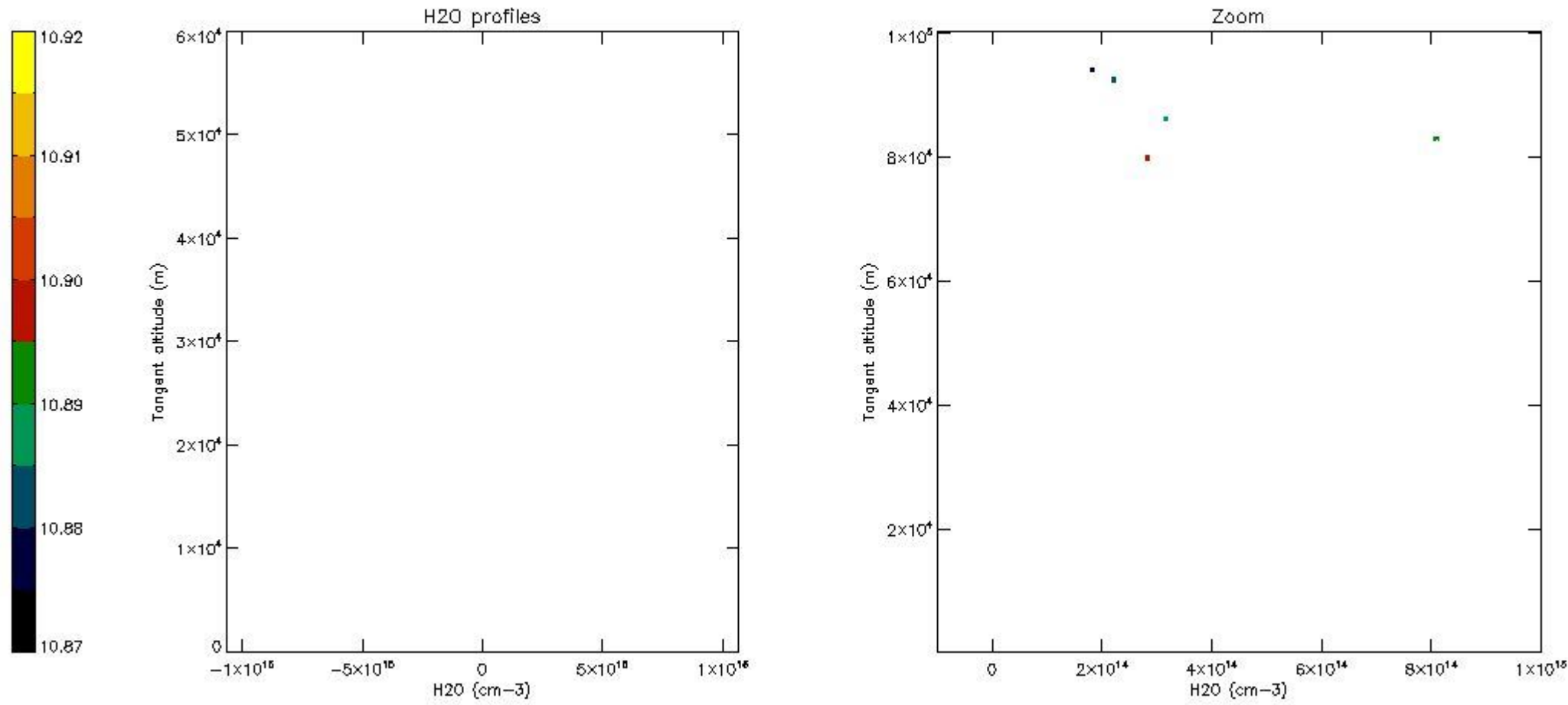
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

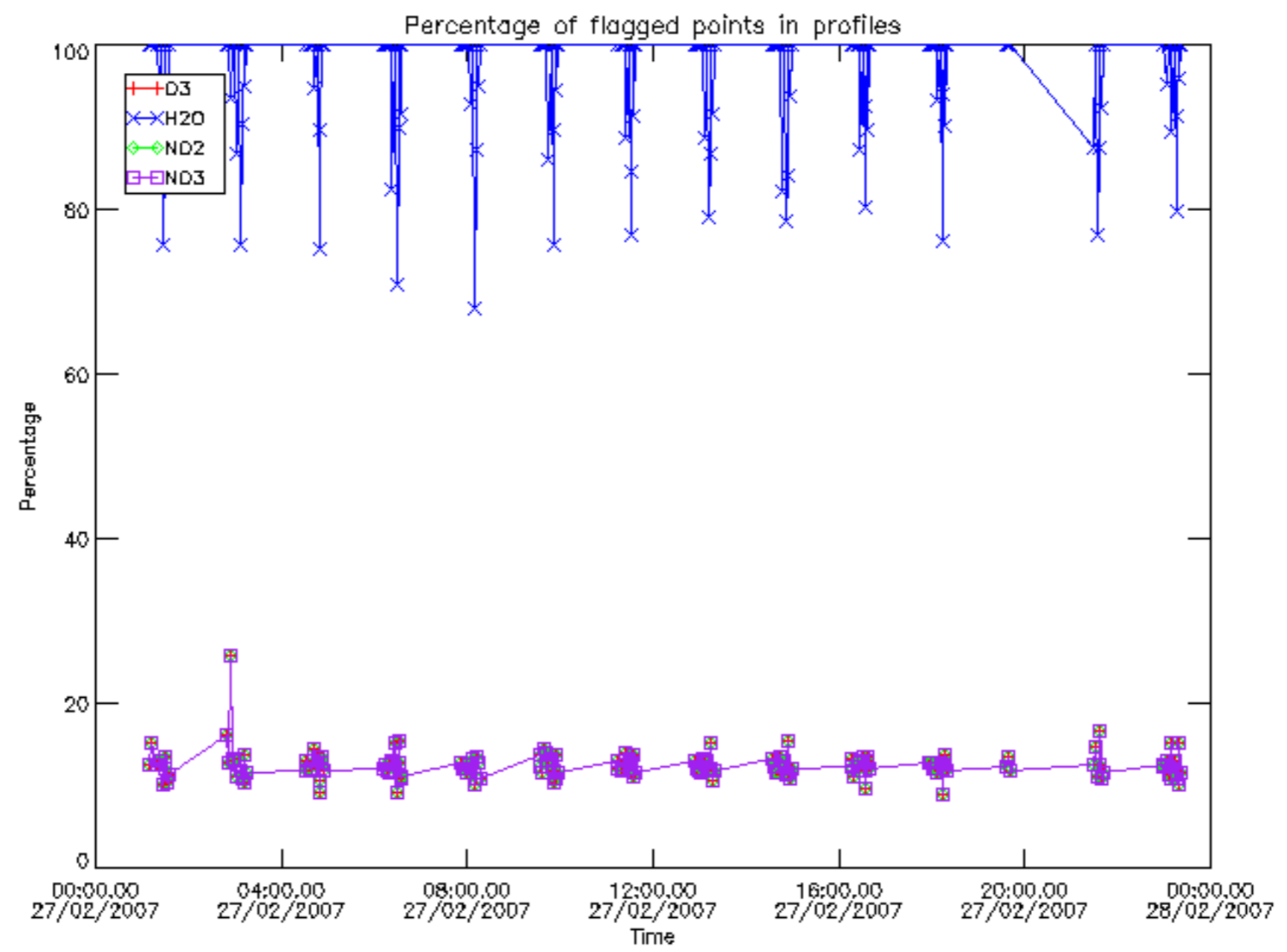
The colorbar represents the latitude.



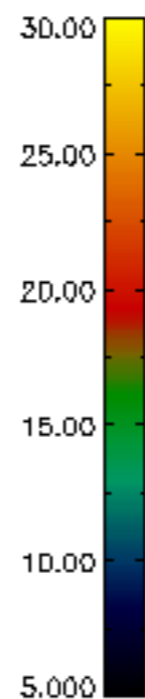
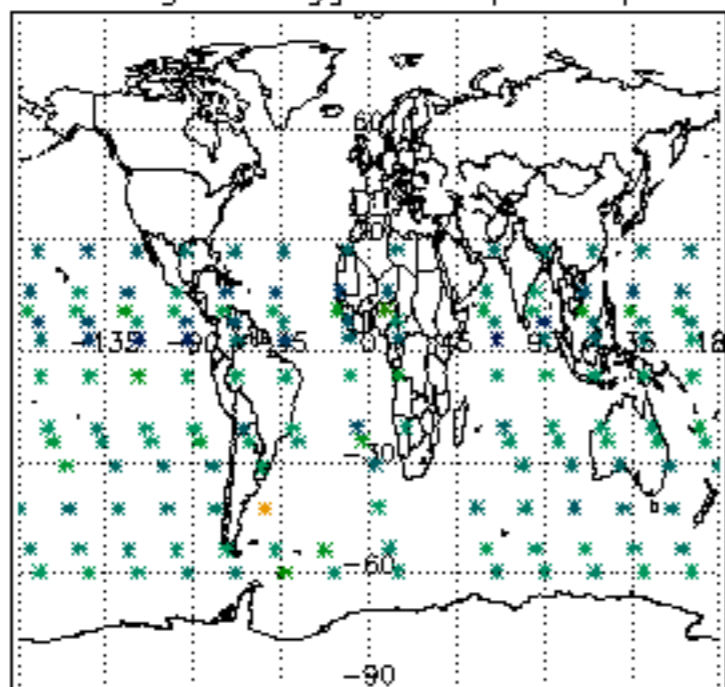
6. Auxiliary Data Files used for the production reported in section 2

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

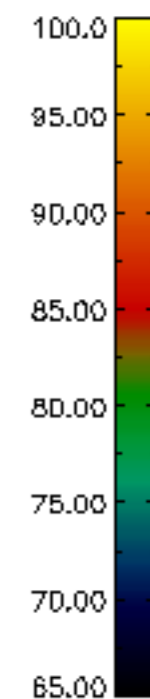
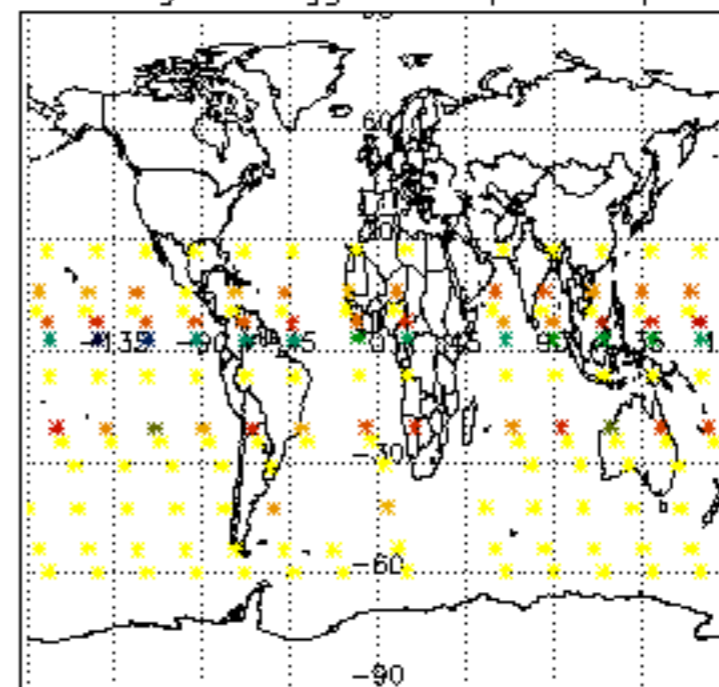
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-FEB-2007 00:09:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-FEB-2007 00:09:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-FEB-2007 00:09:20



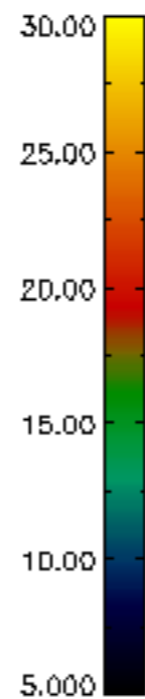
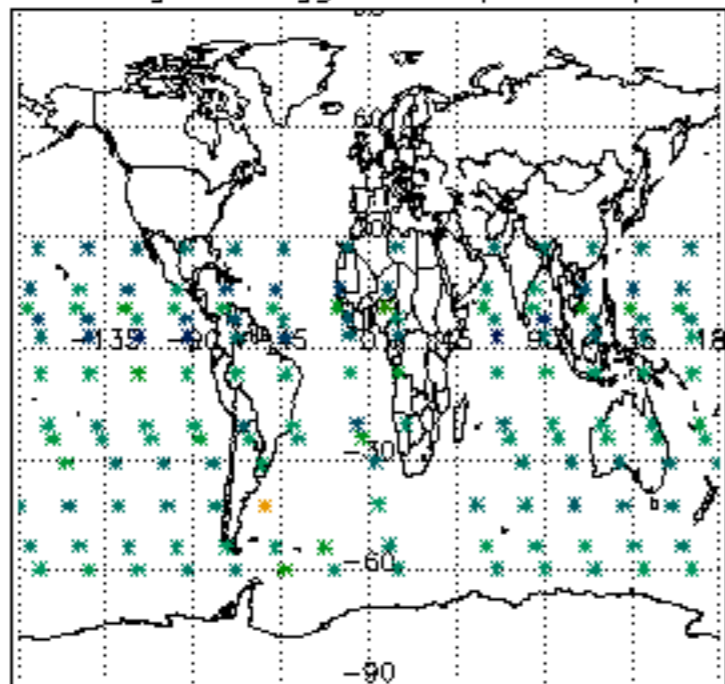
Percentage of flagged data per D3 profile



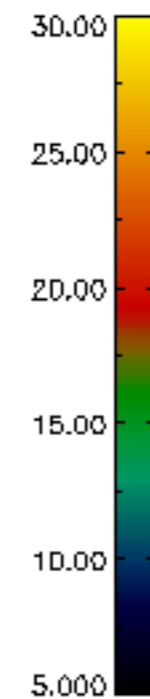
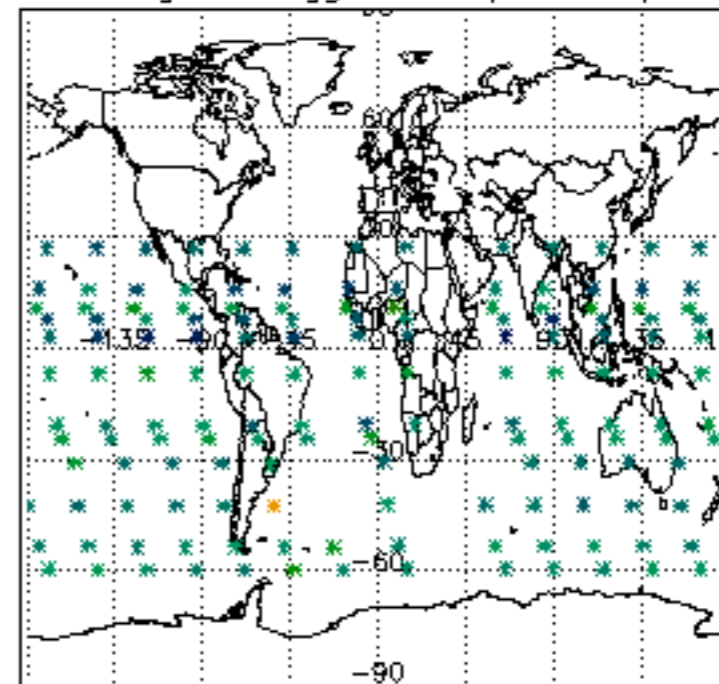
Percentage of flagged data per H2O profile

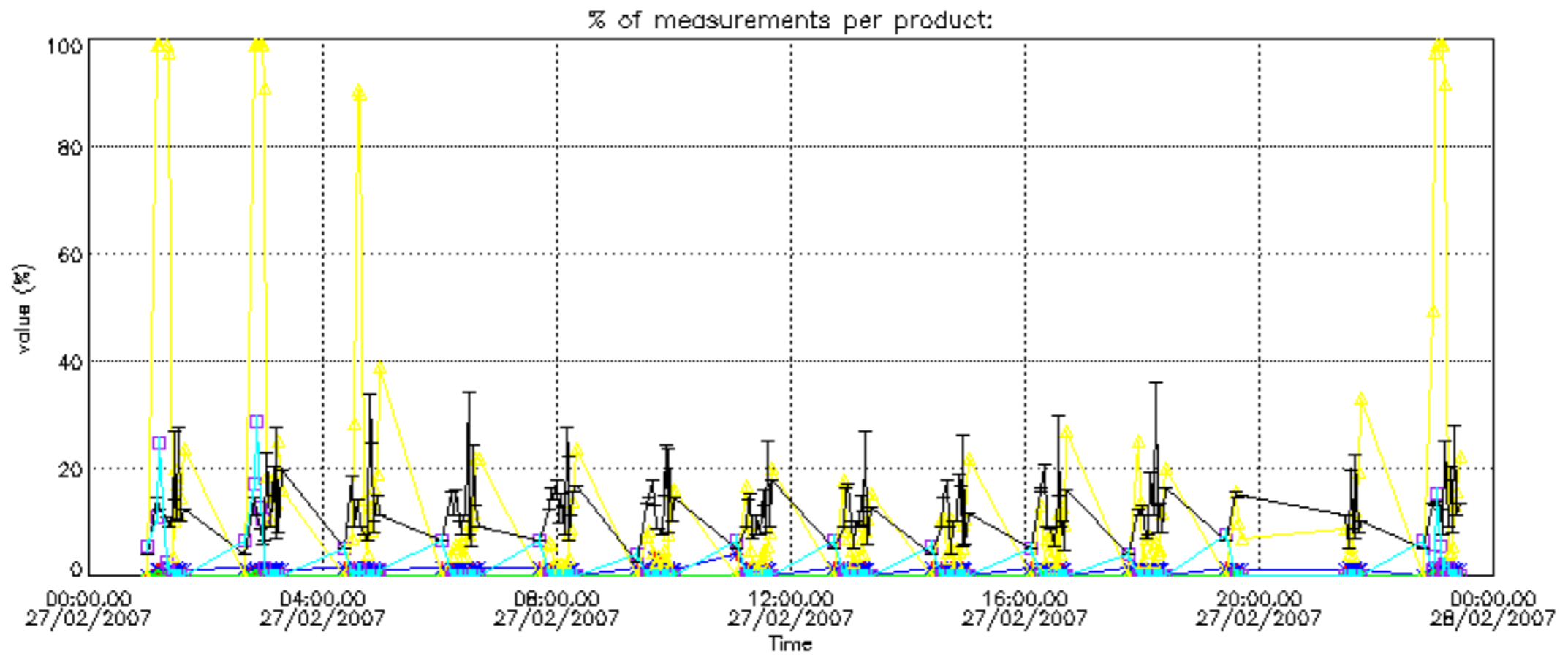


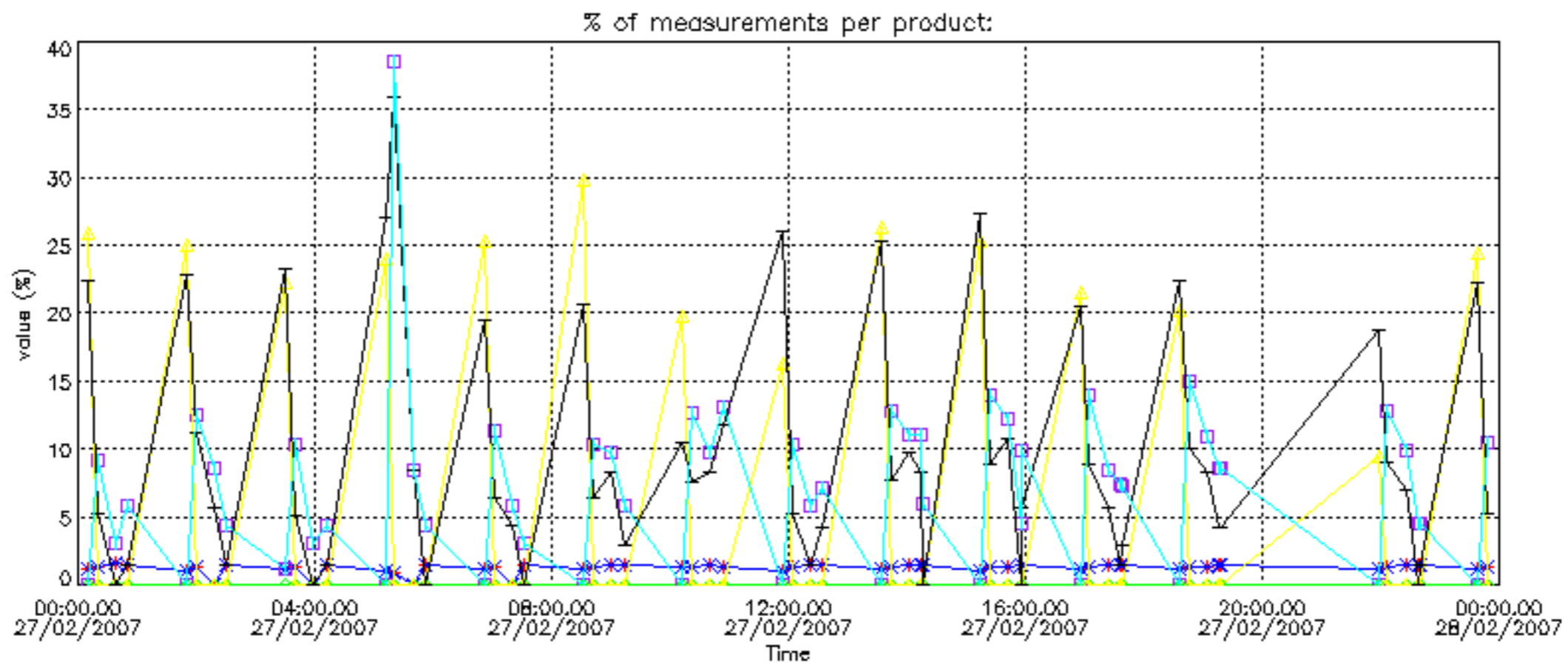
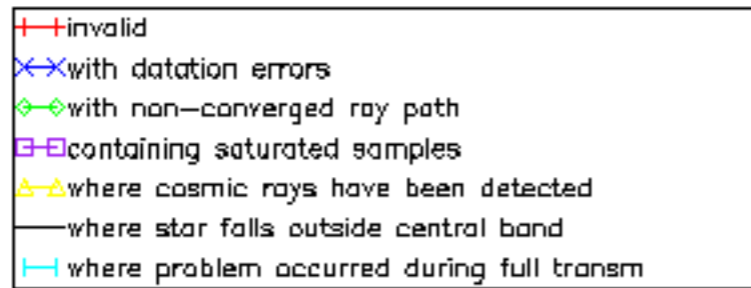
Percentage of flagged data per NO2 profile



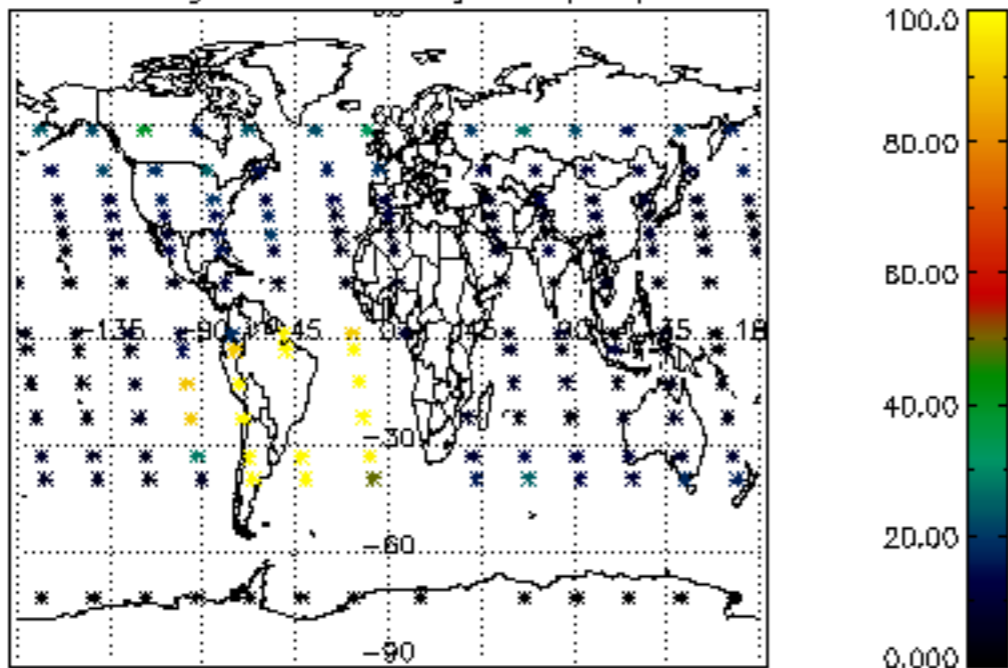
Percentage of flagged data per NO3 profile



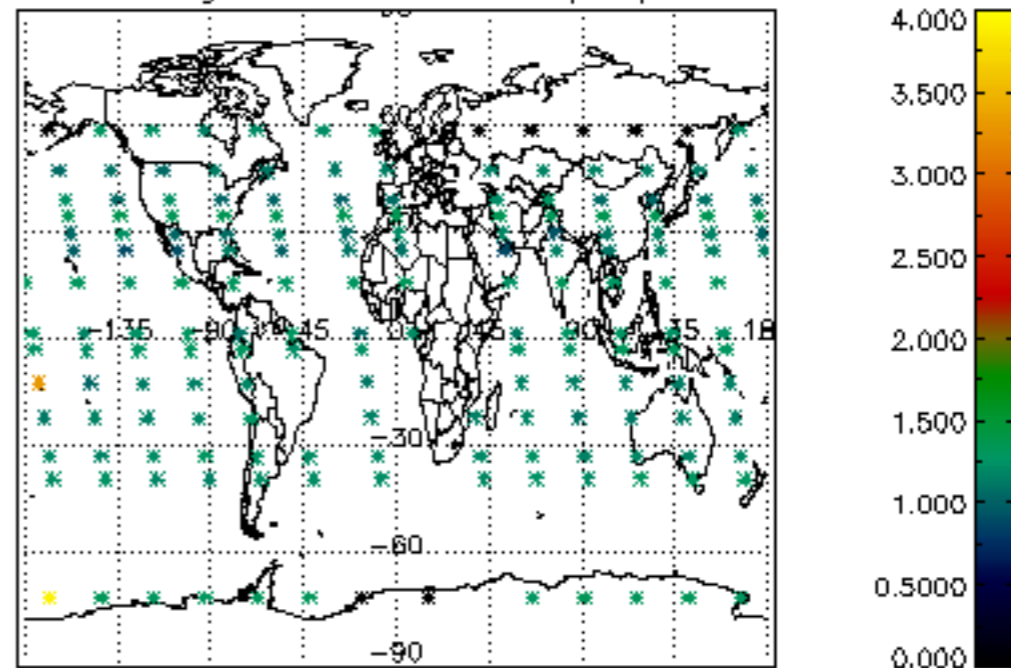




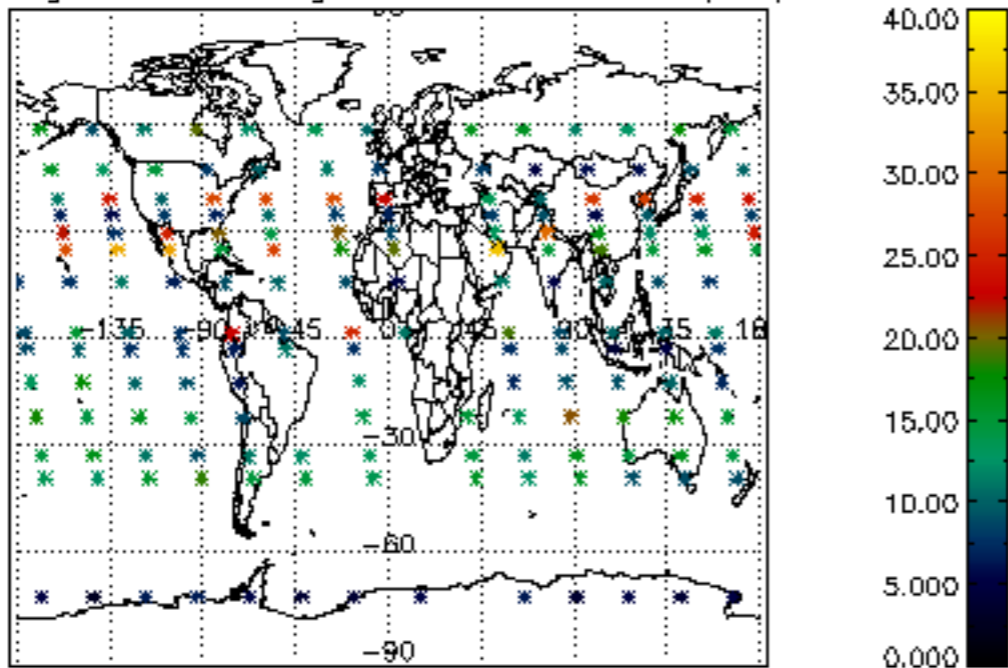
Percentage of cosmic ray hits per profile



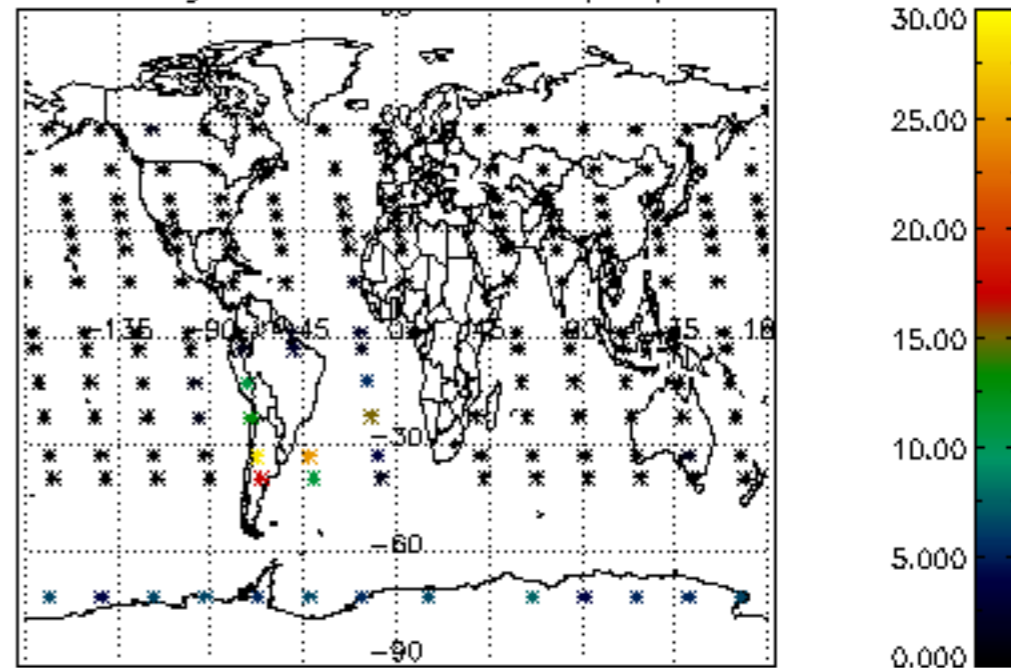
Percentage of datation errors per profile



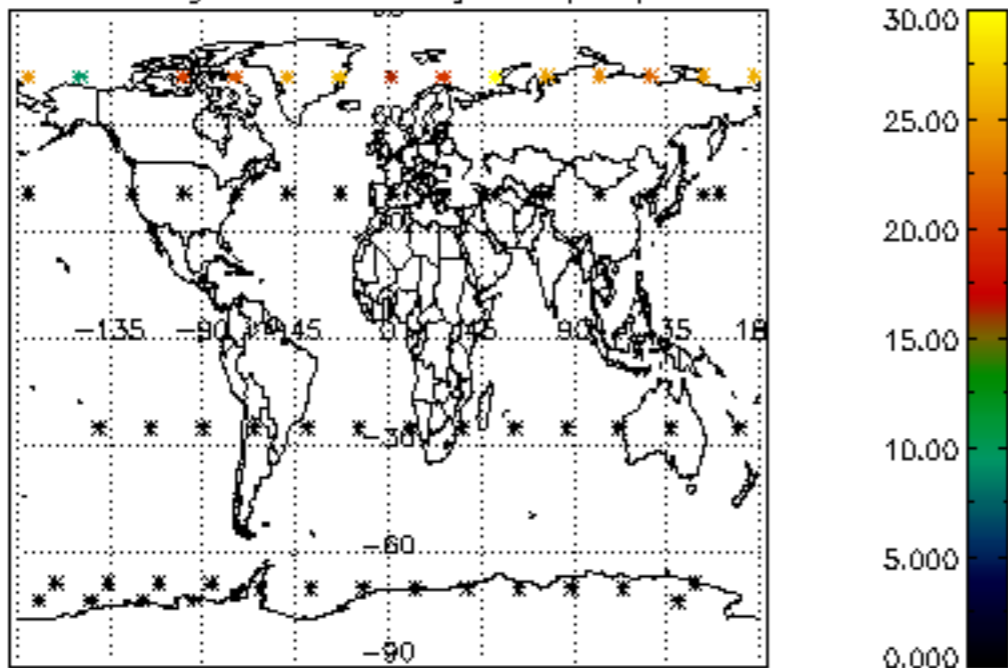
Percentage of star falling outside central band per profile



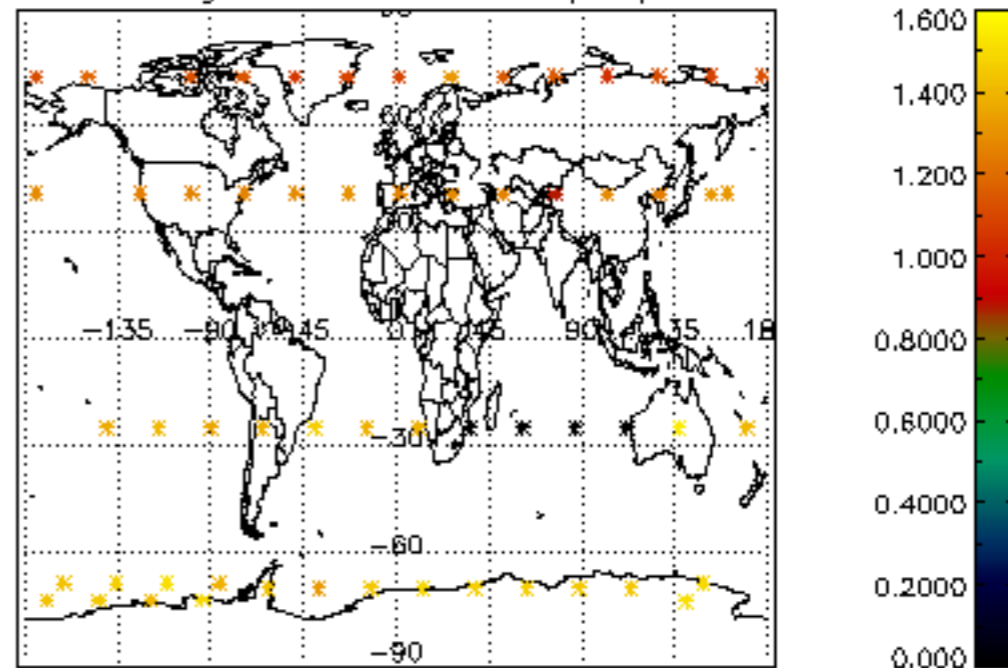
Percentage of saturation errors per profile



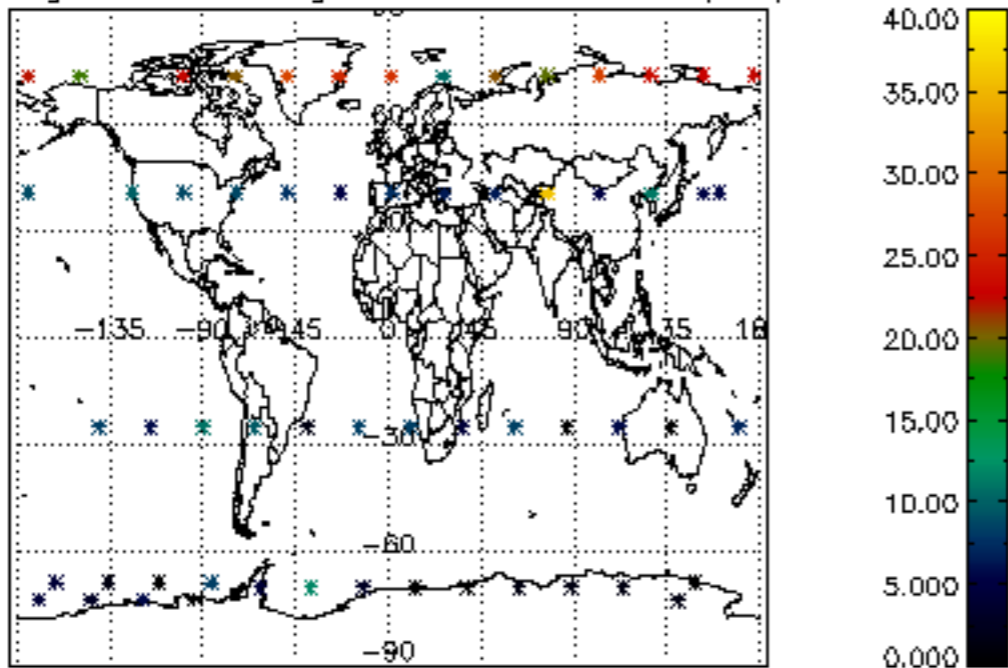
Percentage of cosmic ray hits per profile



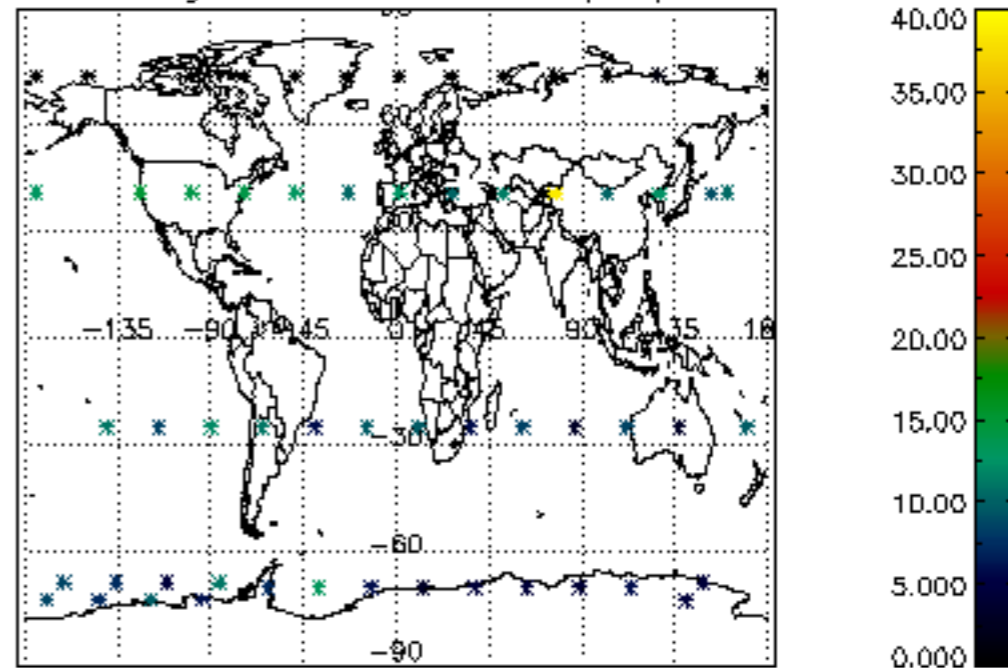
Percentage of datation errors per profile

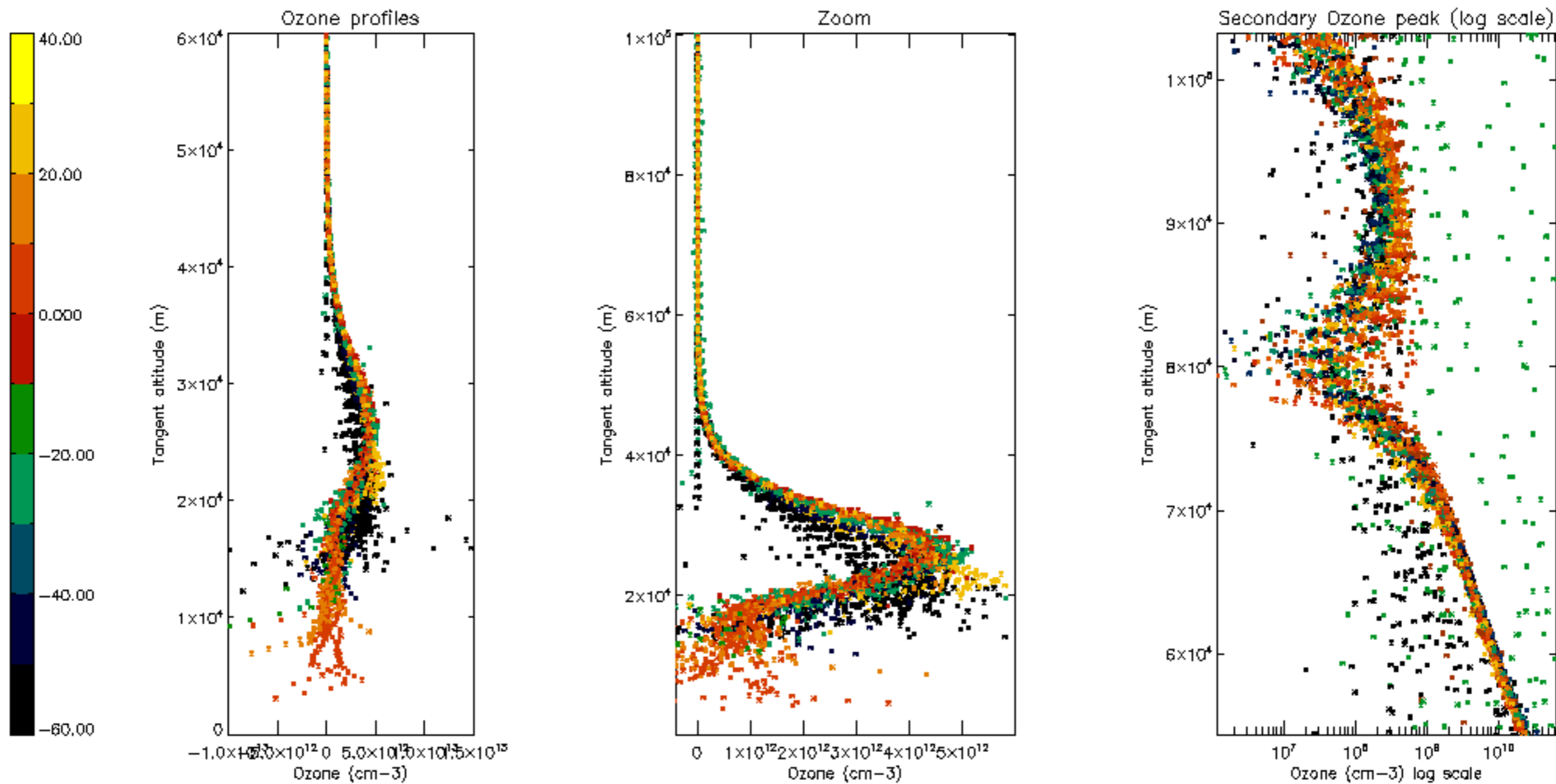


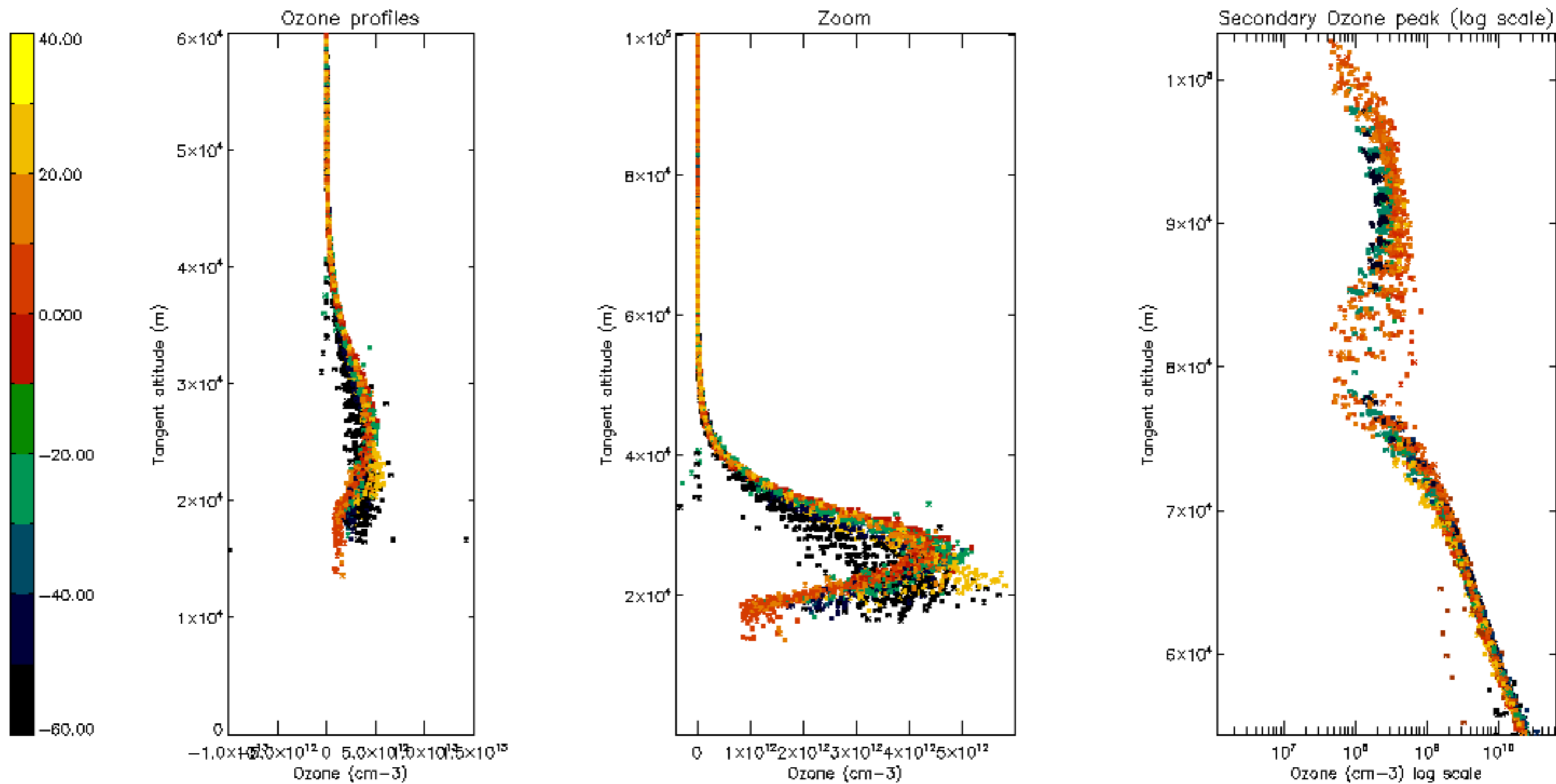
Percentage of star falling outside central band per profile

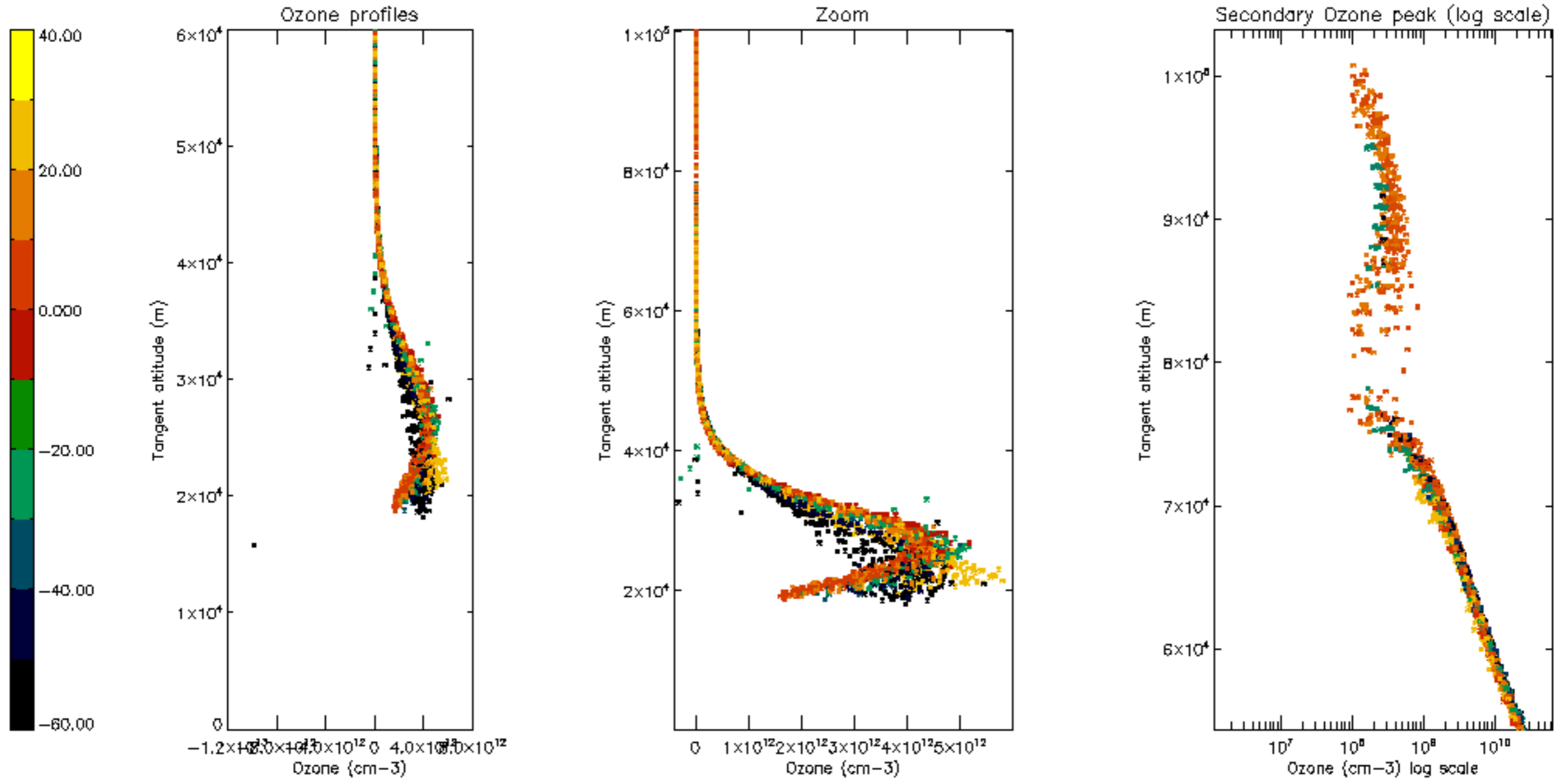


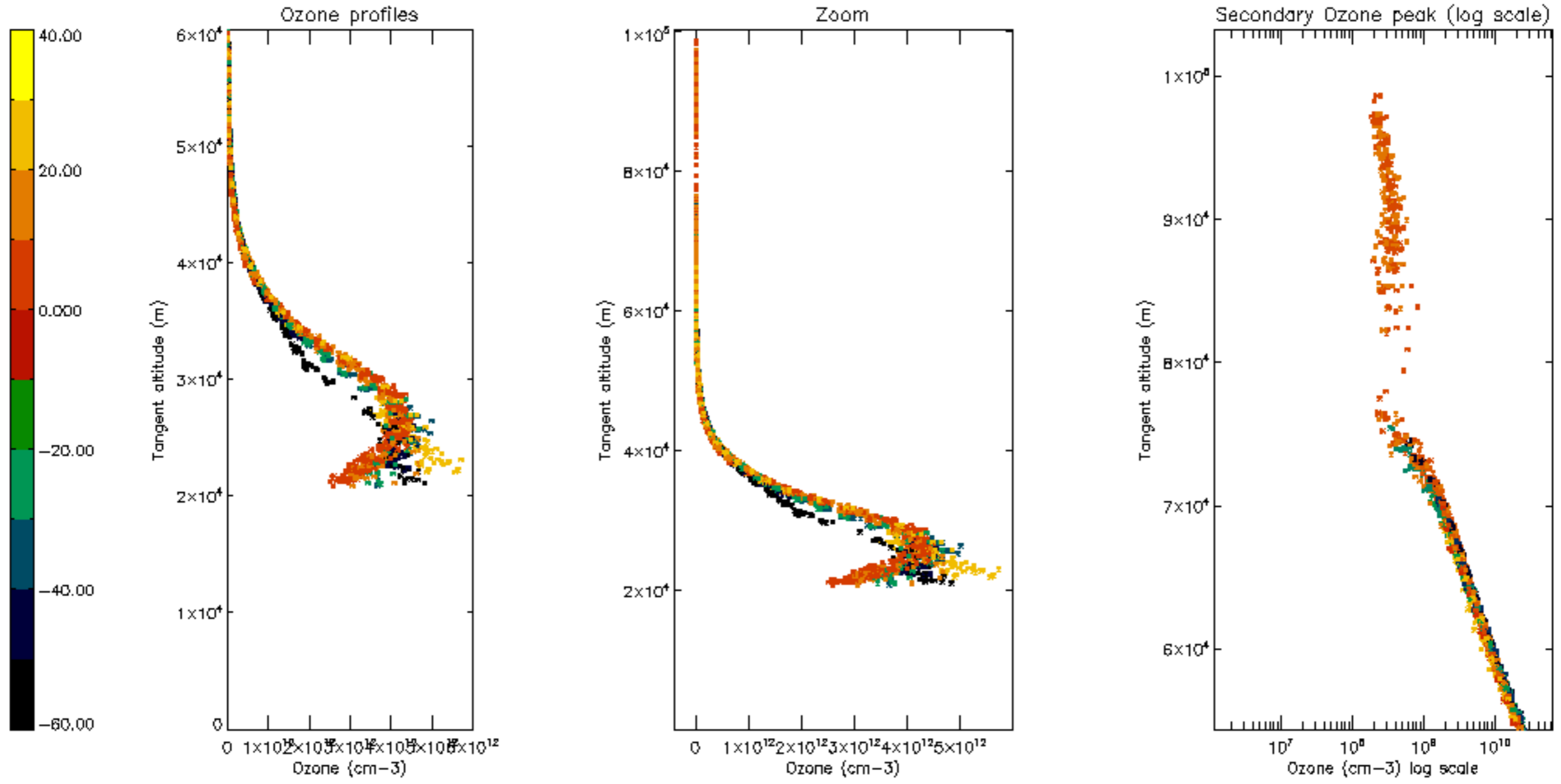
Percentage of saturation errors per profile

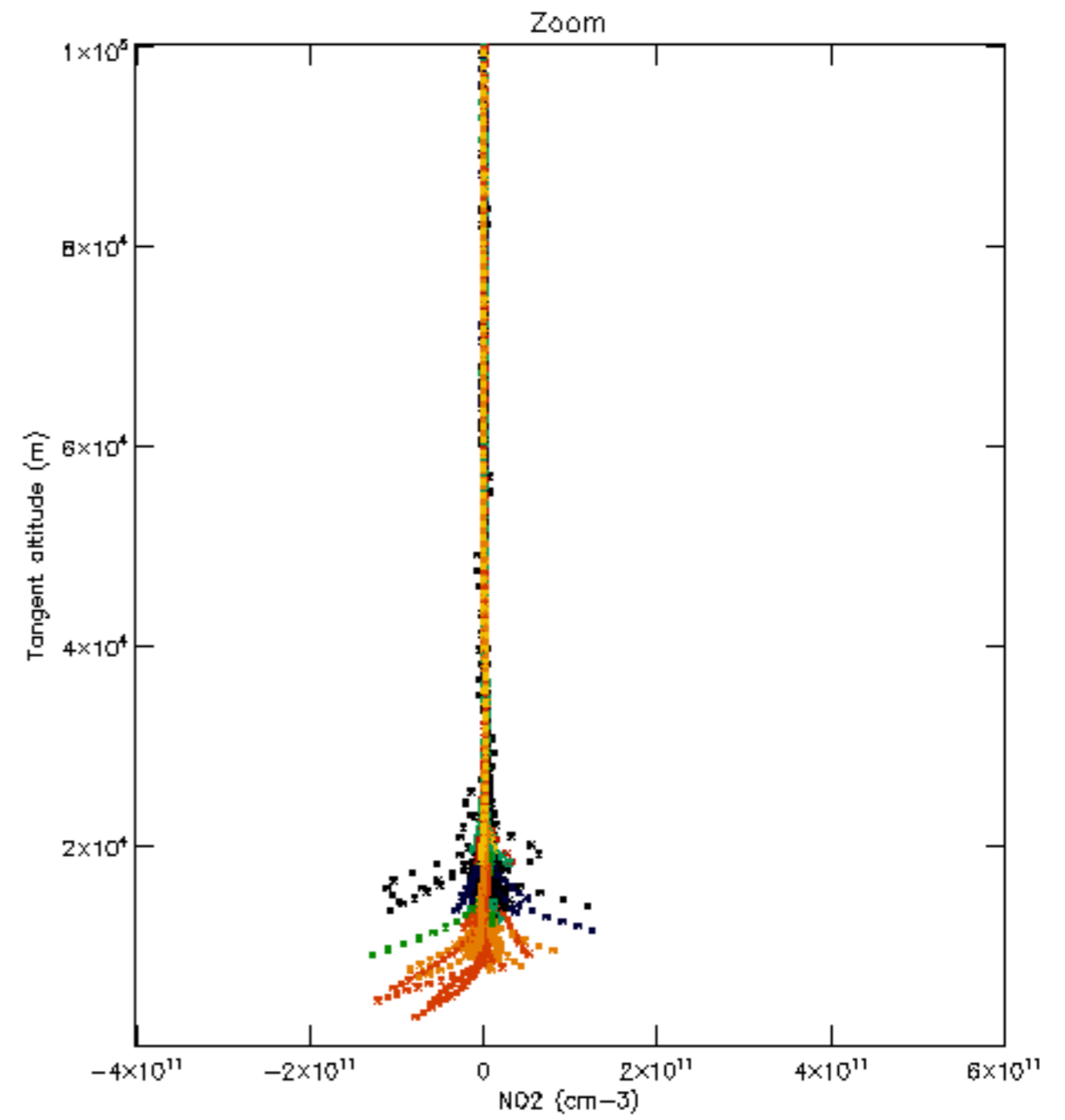
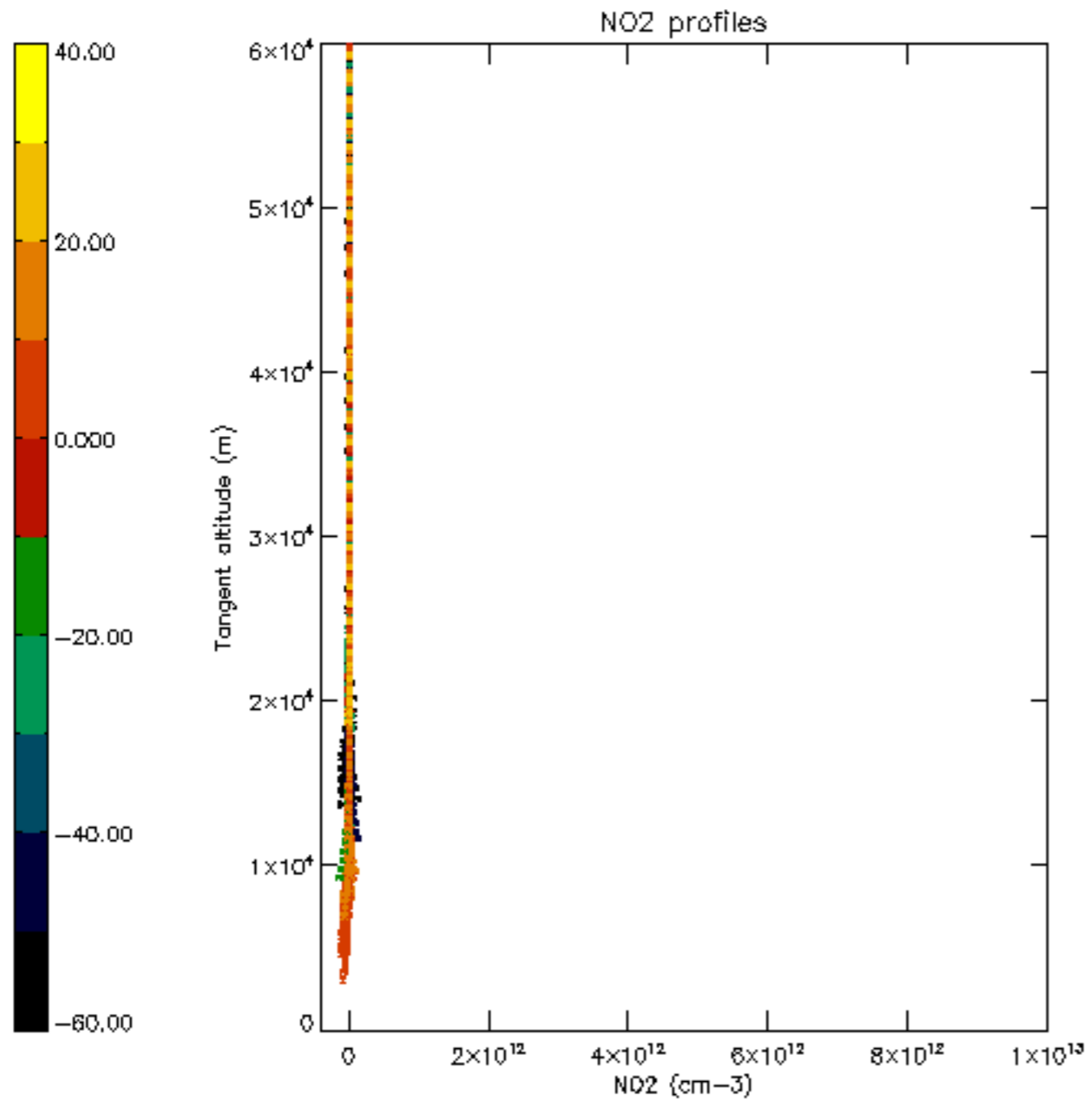


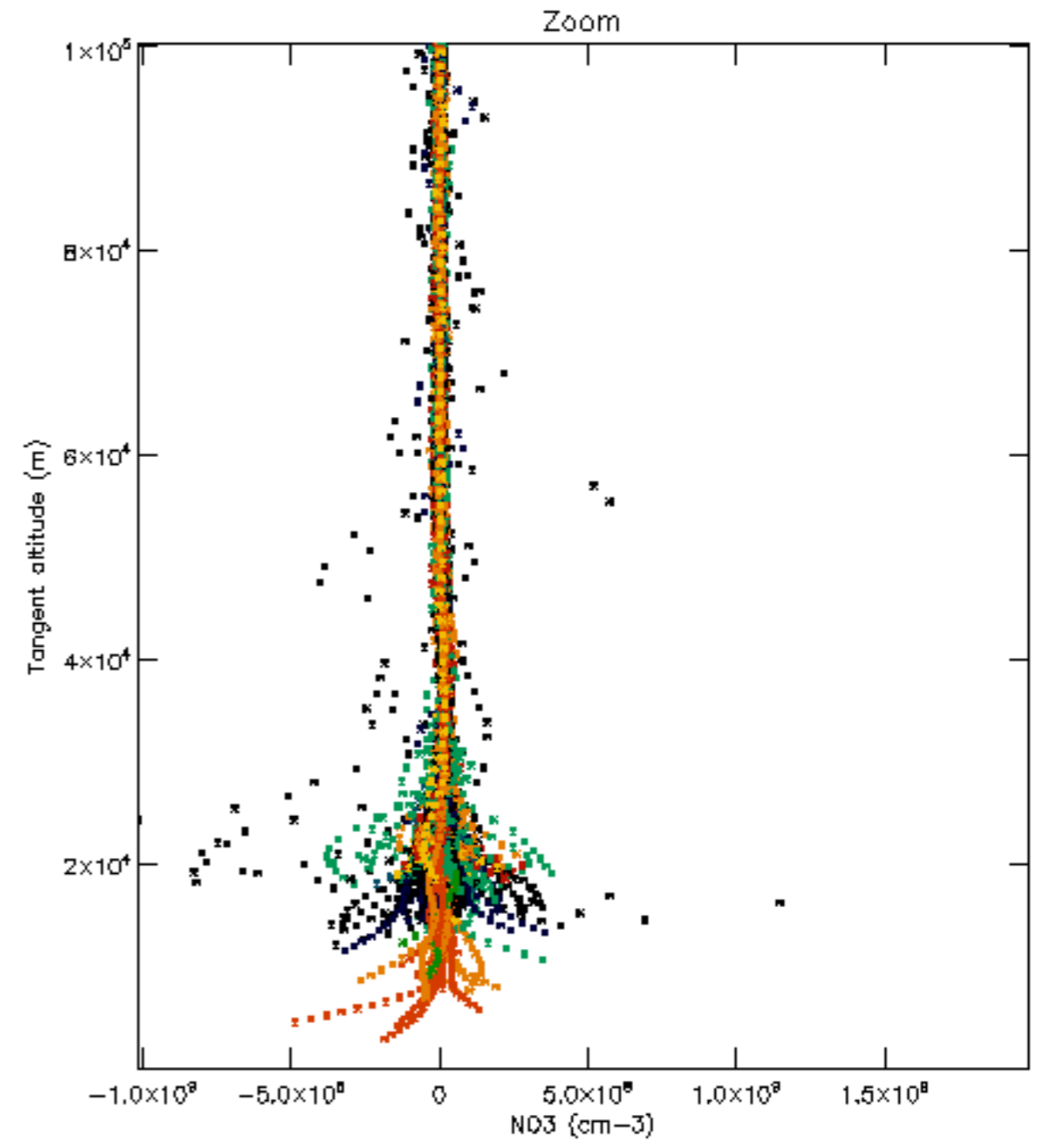
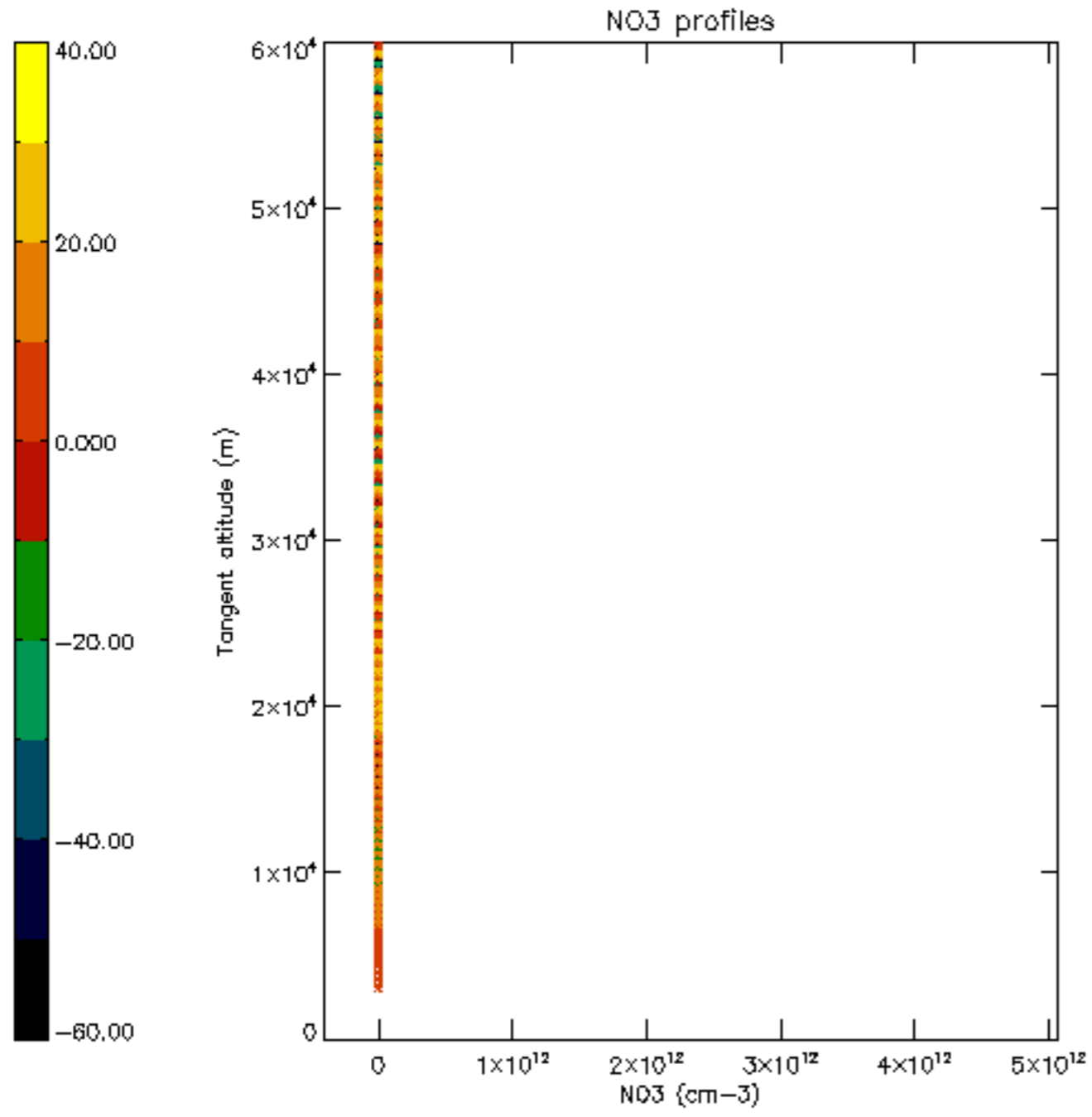


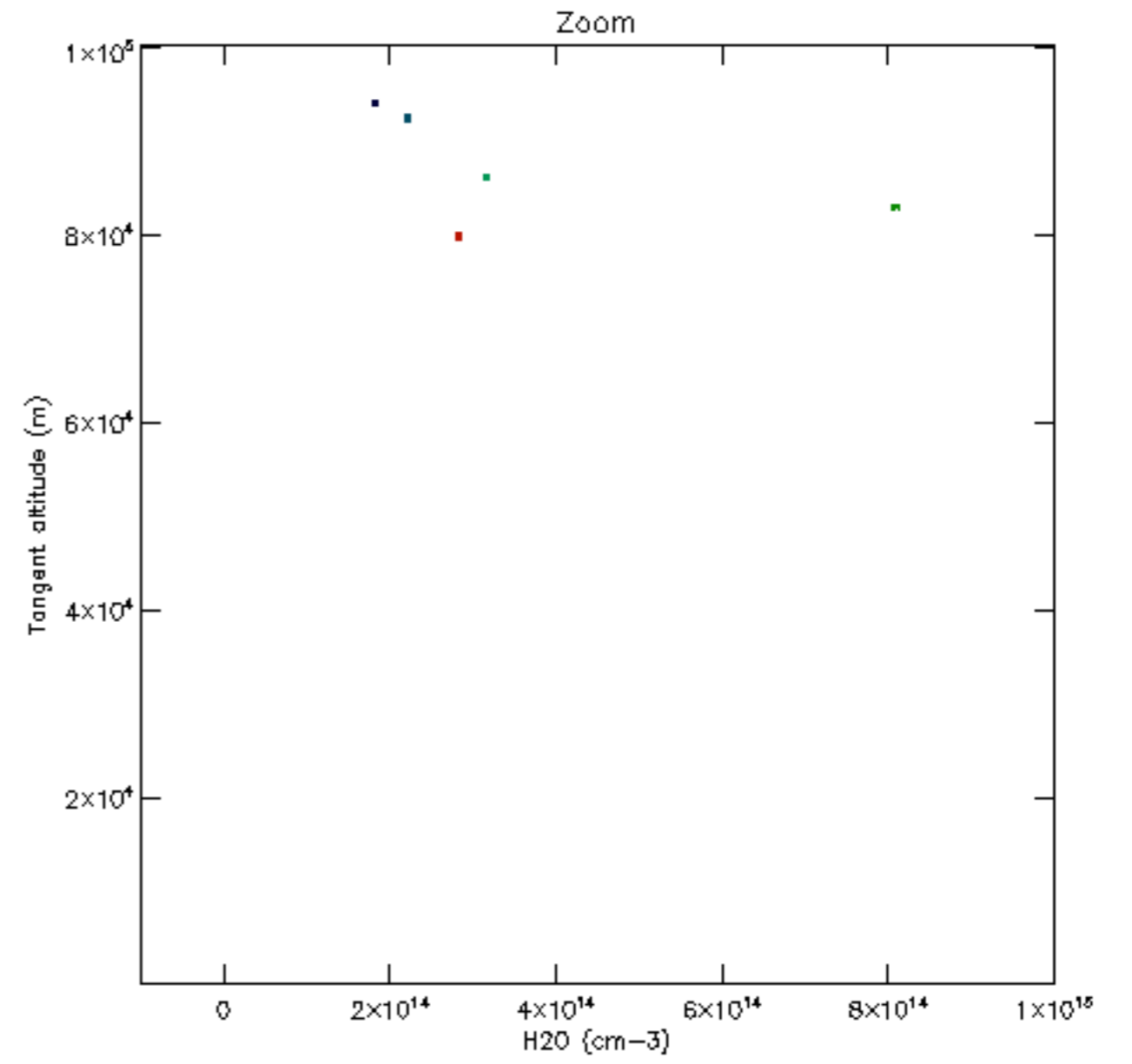
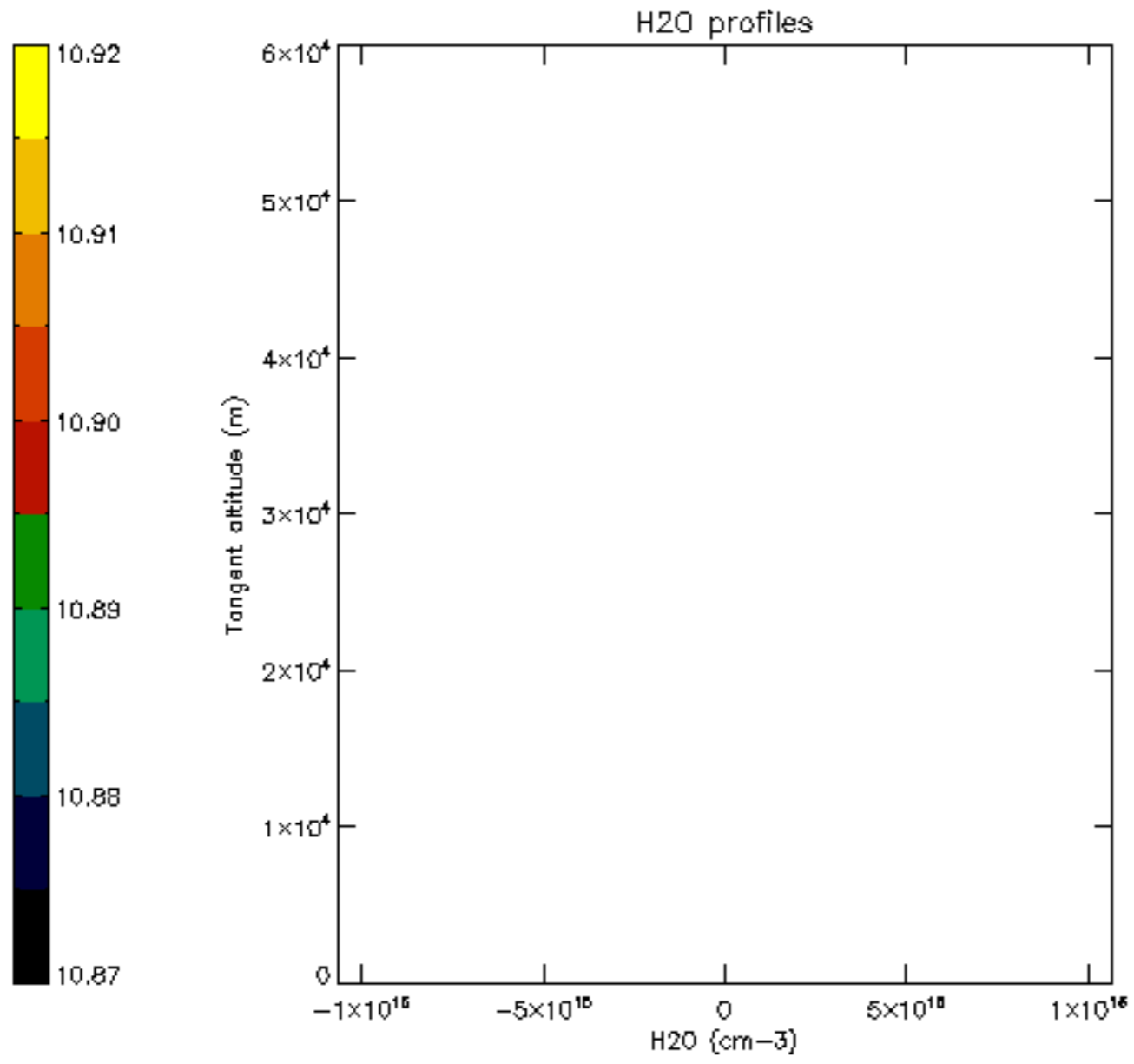


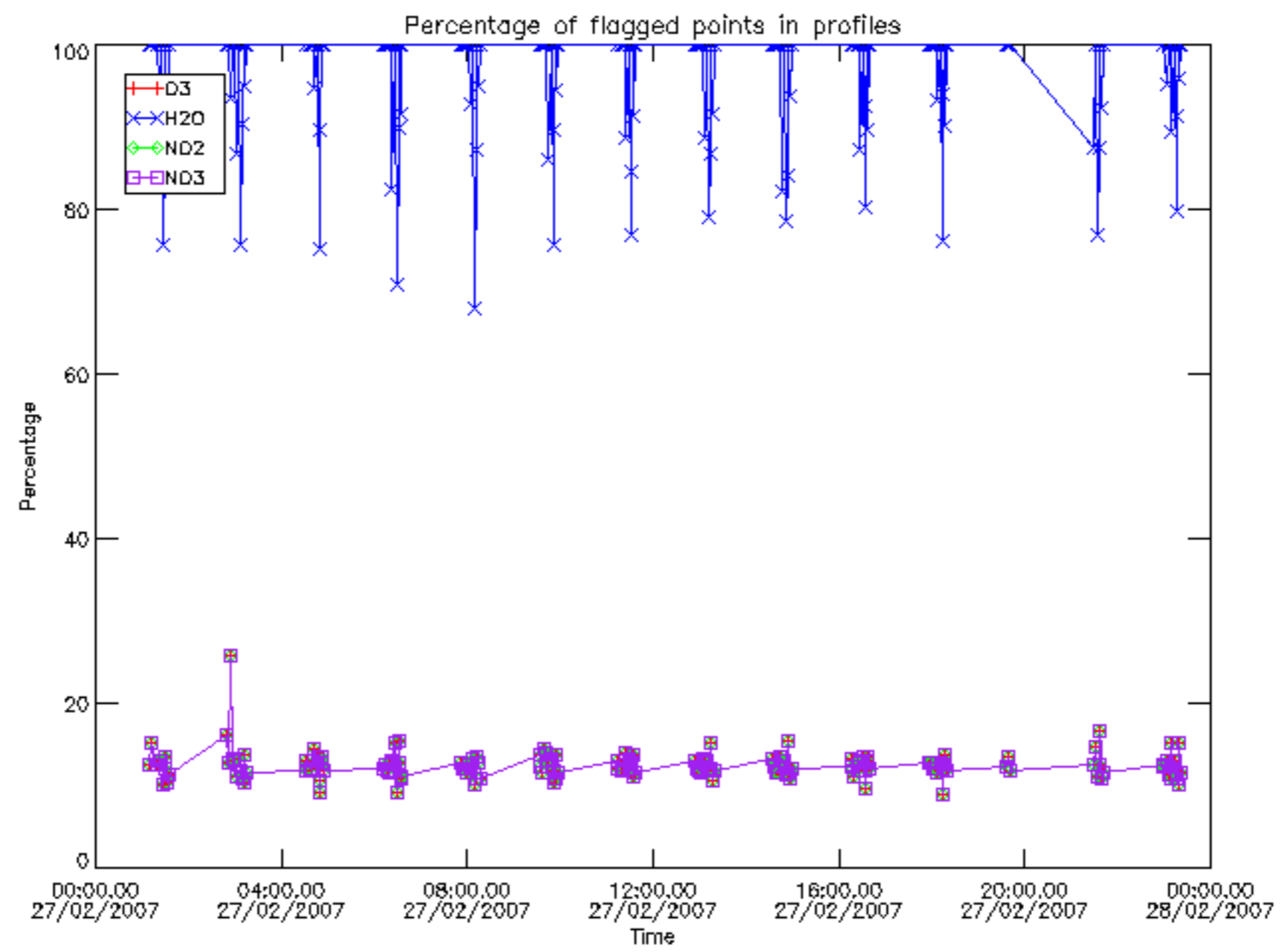




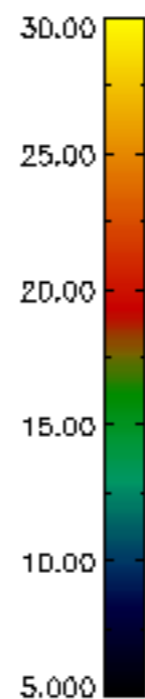
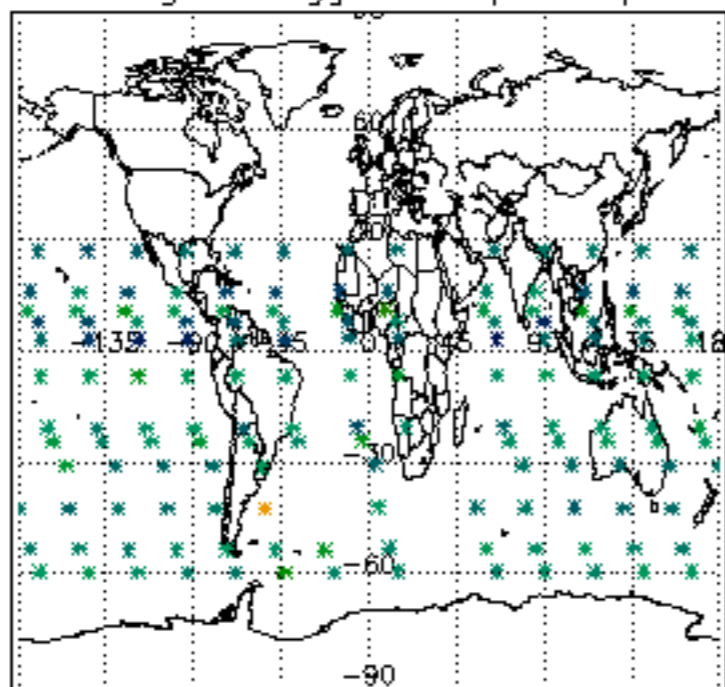




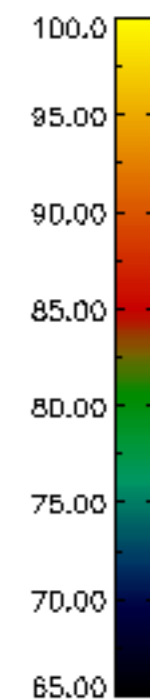
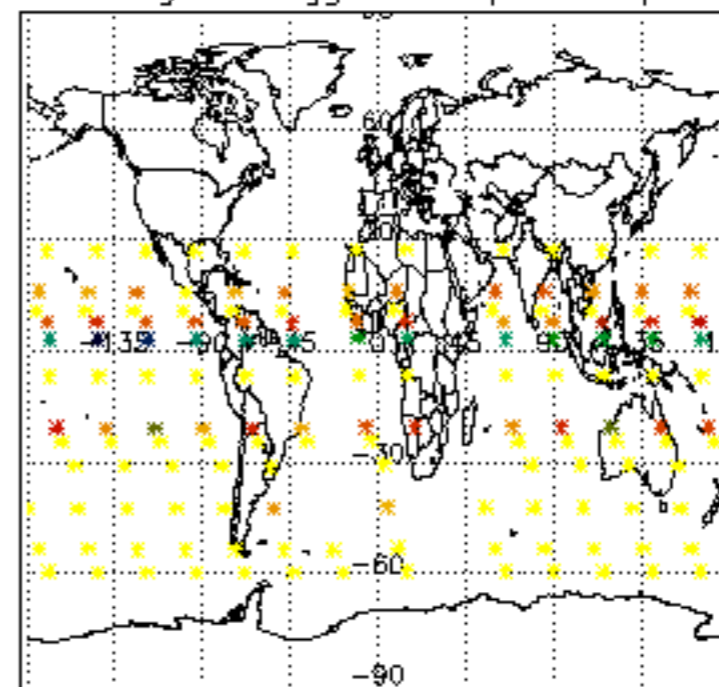




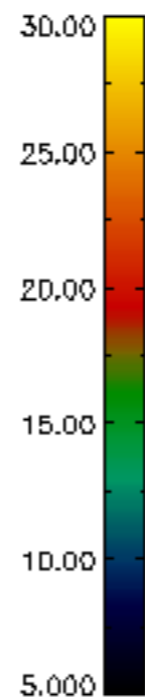
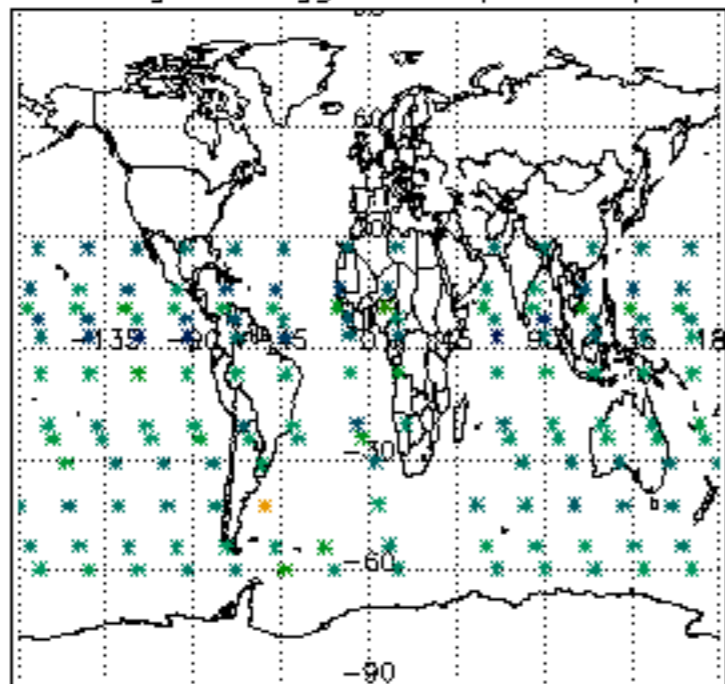
Percentage of flagged data per D3 profile



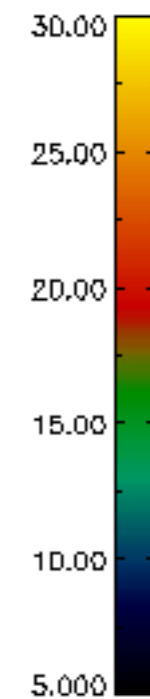
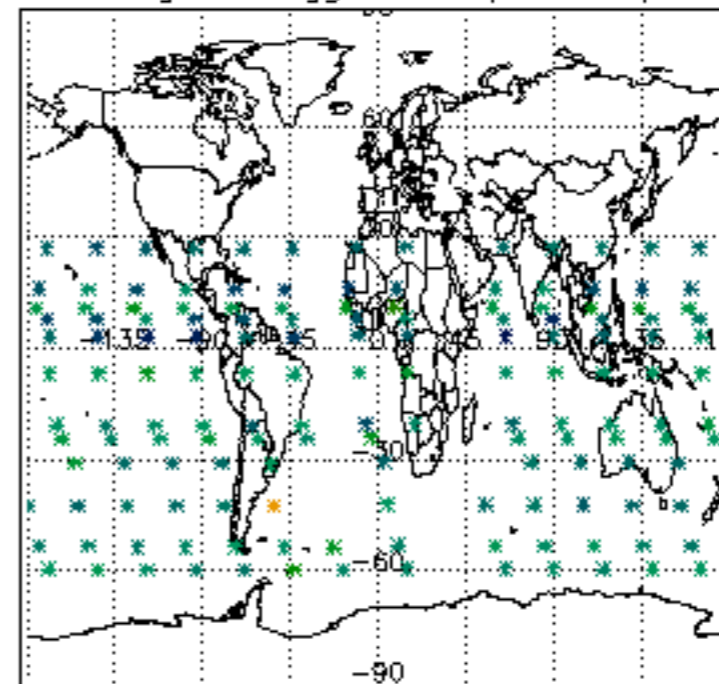
Percentage of flagged data per H2O profile

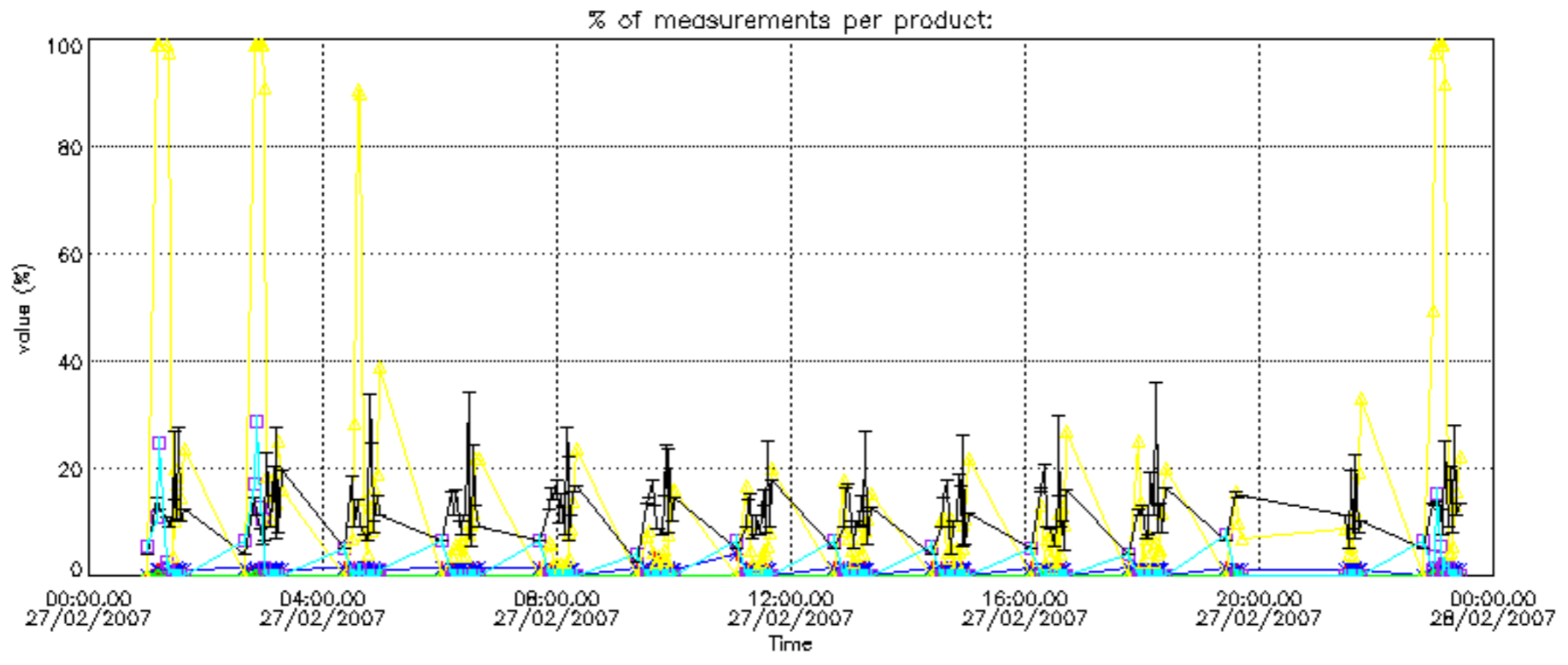


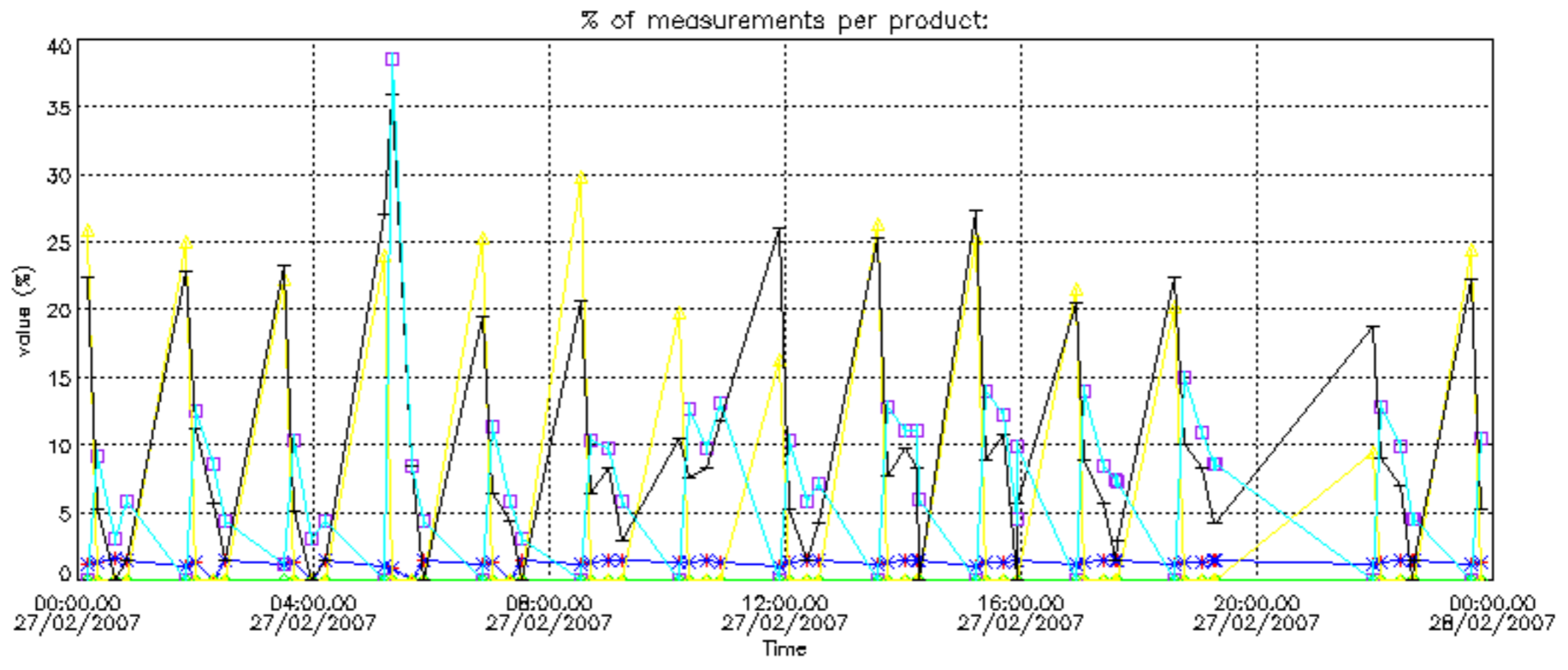
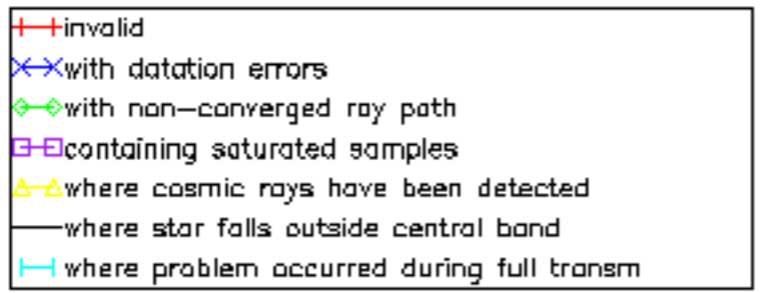
Percentage of flagged data per NO2 profile



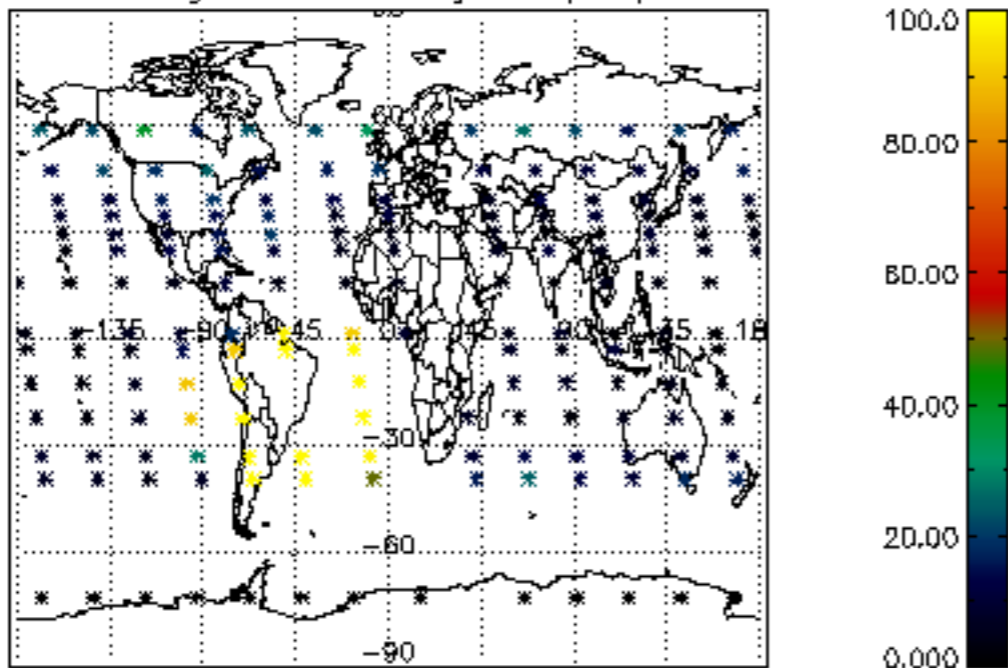
Percentage of flagged data per NO3 profile



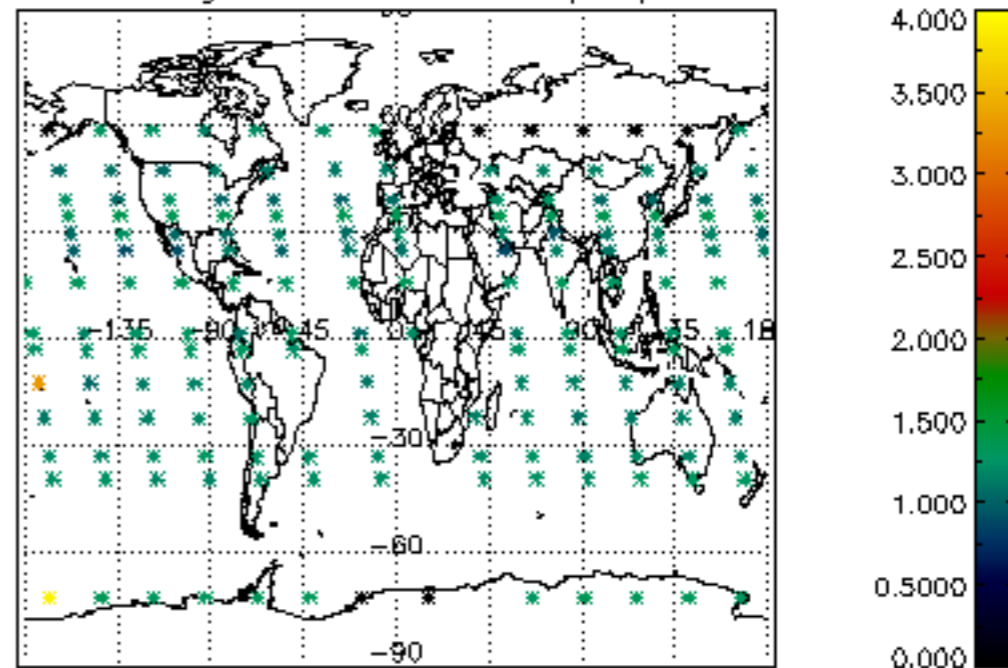




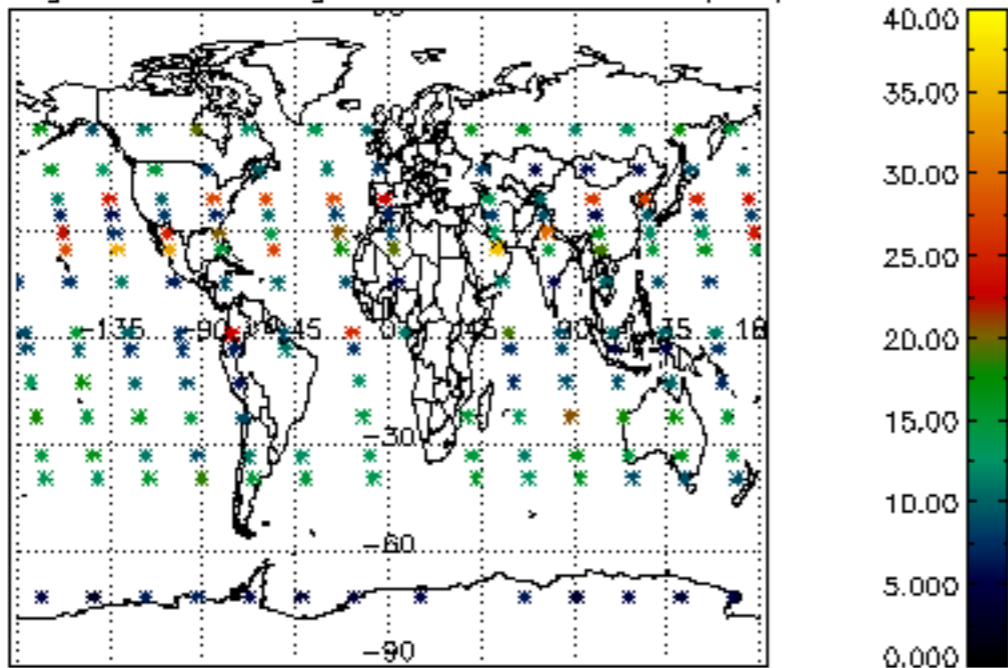
Percentage of cosmic ray hits per profile



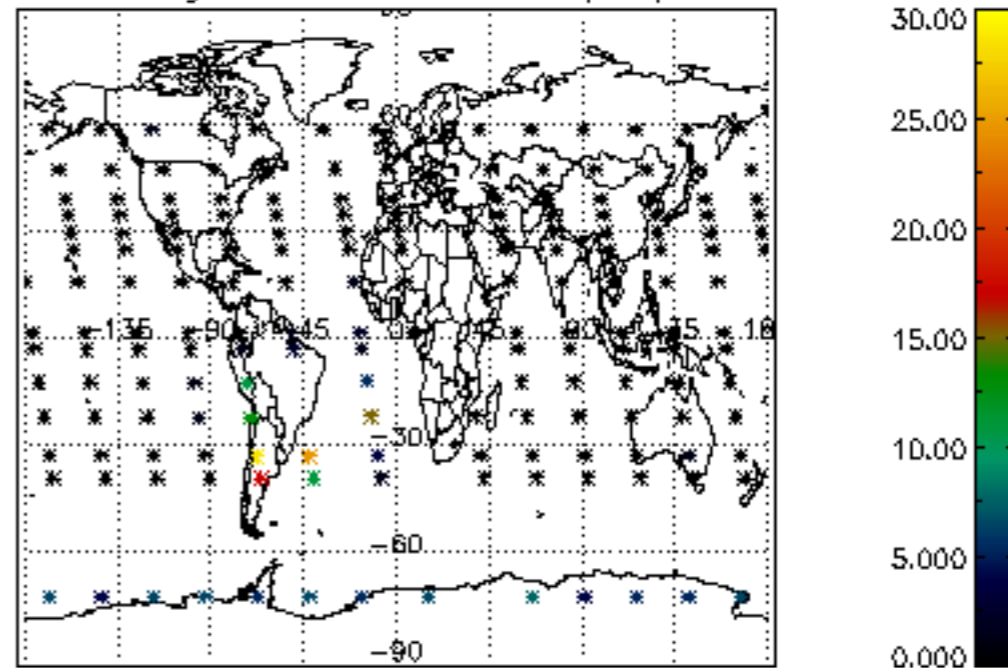
Percentage of datation errors per profile



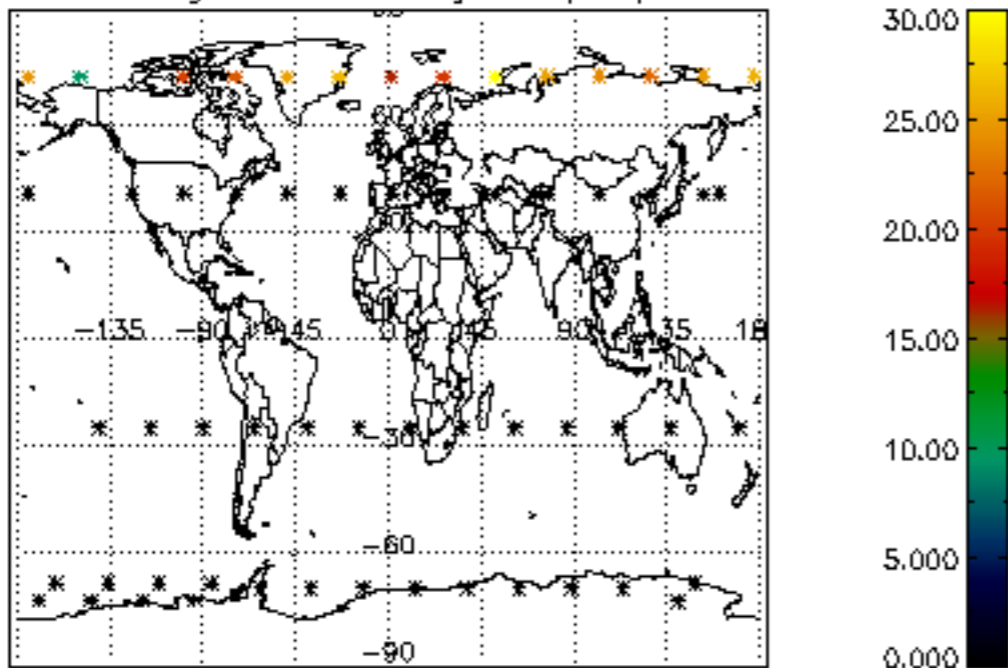
Percentage of star falling outside central band per profile



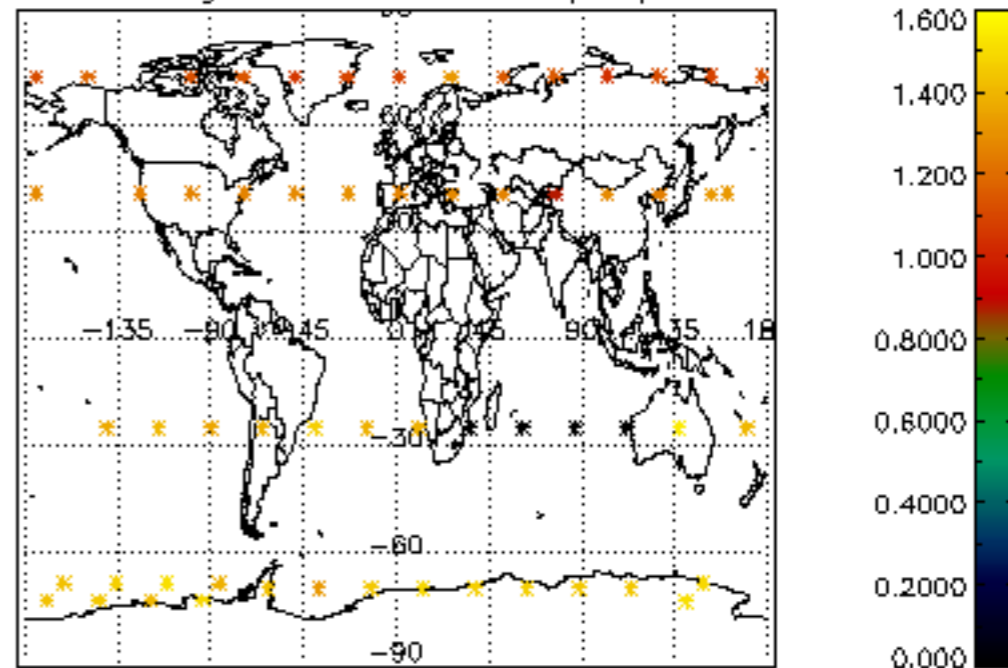
Percentage of saturation errors per profile



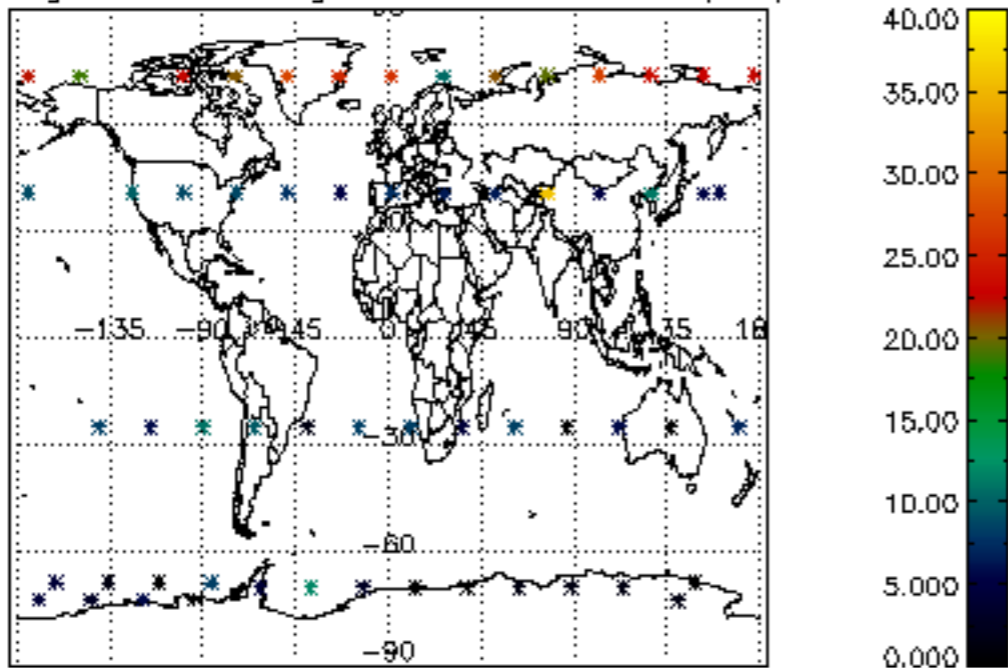
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

