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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	25APR2013 09:30:57
Data source version	GOMOS/6.01
Start time of products	25-01-2008 (25JAN2008 00:00:00)
Stop time of products	26-01-2008 (26JAN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	408
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

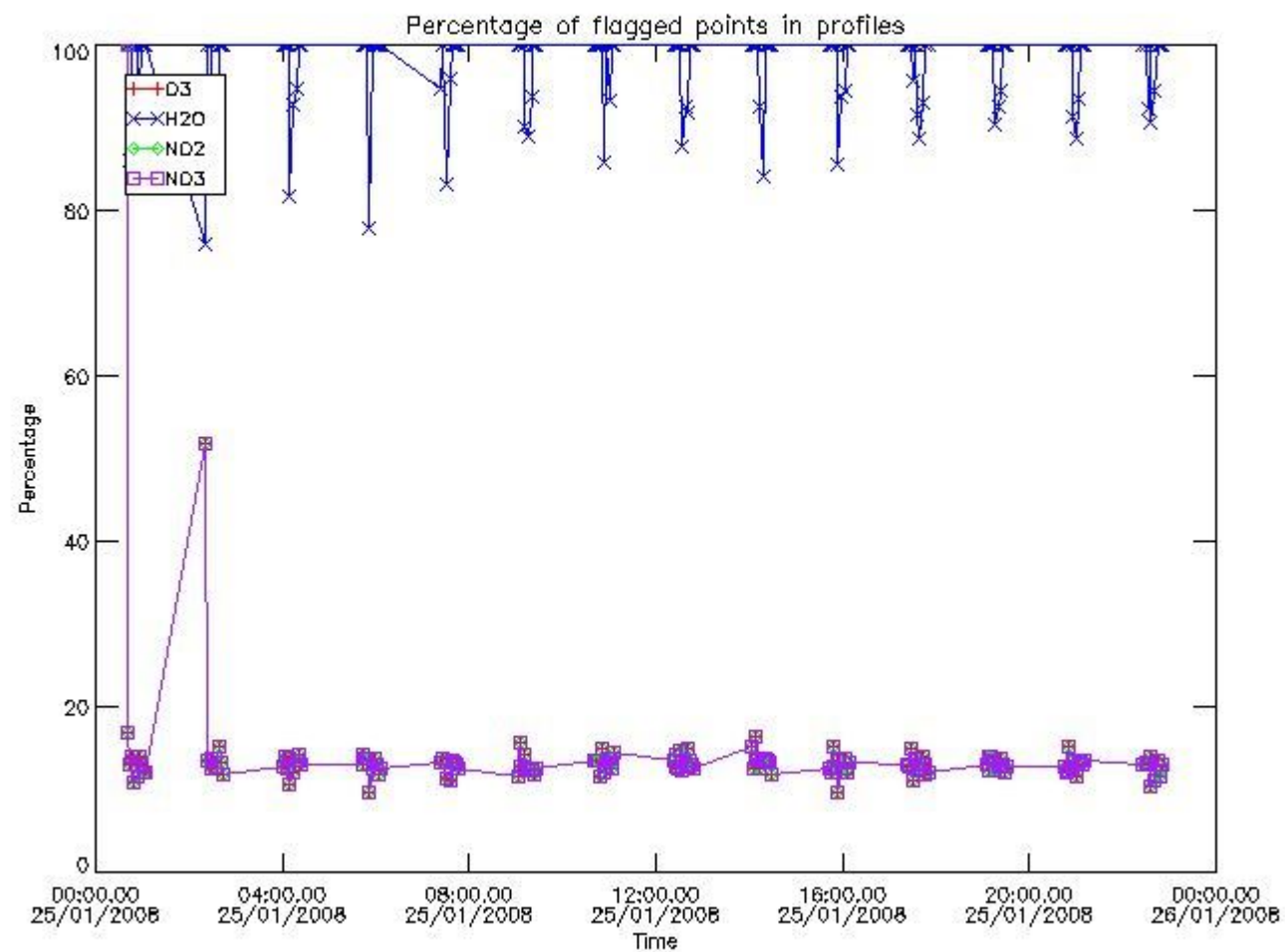
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080125_000243_000000342065_00245_30860_0561.N1	25-JAN-2008 00:02:43	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30860	No
2	GOM_NL__2PRFIN20080125_001342_000000342065_00245_30860_0562.N1	25-JAN-2008 00:13:42	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	30860	No
3	GOM_NL__2PRFIN20080125_001705_000000342065_00245_30860_0563.N1	25-JAN-2008 00:17:05	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30860	No
4	GOM_NL__2PRFIN20080125_002506_000000342065_00245_30860_0564.N1	25-JAN-2008 00:25:06	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30860	No
5	GOM_NL__2PRFIN20080125_002712_000000342065_00245_30860_0565.N1	25-JAN-2008 00:27:12	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	30860	No
6	GOM_NL__2PRFIN20080125_003324_000000402065_00245_30860_0566.N1	25-JAN-2008 00:33:24	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	30860	No
7	GOM_NL__2PRFIN20080125_003738_000000392065_00245_30860_0567.N1	25-JAN-2008 00:37:38	Twilight	38.500	136	23Tau Sco	2.8220	30000.	77	30860	No
8	GOM_NL__2PRFIN20080125_003908_000000372065_00245_30860_0568.N1	25-JAN-2008 00:39:08	Twilight	37.000	85	Kap Sco	2.4070	28000.	74	30860	No
9	GOM_NL__2PRFIN20080125_004016_000000462065_00245_30860_0569.N1	25-JAN-2008 00:40:16	Dark	46.000	40	The Sco	1.8590	7100.0	92	30860	No
10	GOM_NL__2PRFIN20080125_004211_000000362065_00245_30860_0570.N1	25-JAN-2008 00:42:11	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30860	No
11	GOM_NL__2PRFIN20080125_004346_000000402065_00245_30860_0571.N1	25-JAN-2008 00:43:46	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	30860	No
12	GOM_NL__2PRFIN20080125_004707_000000372065_00246_30861_0633.N1	25-JAN-2008 00:47:07	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30861	No
13	GOM_NL__2PRFIN20080125_004831_000000482065_00246_30861_0634.N1	25-JAN-2008 00:48:31	Dark	47.500	4	Alp1Cen	-0.010000	5800.0	95	30861	No
14	GOM_NL__2PRFIN20080125_005304_000000452065_00246_30861_0635.N1	25-JAN-2008 00:53:04	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	30861	No
15	GOM_NL__2PRFIN20080125_005707_000000372065_00246_30861_0636.N1	25-JAN-2008 00:57:07	Dark	36.500	29	Bet Car	1.6720	10200.	73	30861	No
16	GOM_NL__2PRFIN20080125_005918_000000392065_00246_30861_0637.N1	25-JAN-2008 00:59:18	Dark	39.000	71	lot Car	2.2460	7700.0	78	30861	No
17	GOM_NL__2PRFIN20080125_010107_000000432065_00246_30861_0638.N1	25-JAN-2008 01:01:07	Dark	42.500	46	Del Vel	1.9540	10600.	85	30861	No
18	GOM_NL__2PRFIN20080125_010343_000000422065_00246_30861_0639.N1	25-JAN-2008 01:03:43	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	30861	No
19	GOM_NL__2PRFIN20080125_010550_000000392065_00246_30861_0640.N1	25-JAN-2008 01:05:50	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	30861	No
20	GOM_NL__2PRFIN20080125_010719_000000432065_00246_30861_0641.N1	25-JAN-2008 01:07:19	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30861	No
21	GOM_NL__2PRFIN20080125_010948_000000412065_00246_30861_0642.N1	25-JAN-2008 01:09:48	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	30861	No
22	GOM_NL__2PRFIN20080125_011111_000000382065_00246_30861_0643.N1	25-JAN-2008 01:11:11	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30861	No
23	GOM_NL__2PRFIN20080125_011321_000000432065_00246_30861_0644.N1	25-JAN-2008 01:13:21	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30861	No
24	GOM_NL__2PRFIN20080125_012032_000000522065_00246_30861_0645.N1	25-JAN-2008 01:20:32	Bright	52.000	14	58Alp Ori	0.87000	3000.0	104	30861	No
25	GOM_NL__2PRFIN20080125_012241_000000392065_00246_30861_0646.N1	25-JAN-2008 01:22:41	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	30861	No
26	GOM_NL__2PRFIN20080125_012427_000000412065_00246_30861_0647.N1	25-JAN-2008 01:24:27	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	30861	No
27	GOM_NL__2PRFIN20080125_012645_000000372065_00246_30861_0648.N1	25-JAN-2008 01:26:45	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30861	No
28	GOM_NL__2PRFIN20080125_012841_000000352065_00246_30861_0649.N1	25-JAN-2008 01:28:41	Bright	35.000	107	37The Aur	2.6490	11000.	70	30861	No
29	GOM_NL__2PRFIN20080125_013049_000000362065_00246_30861_0650.N1	25-JAN-2008 01:30:49	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30861	No
30	GOM_NL__2PRFIN20080125_014319_000000372065_00246_30861_0651.N1	25-JAN-2008 01:43:19	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30861	No
31	GOM_NL__2PRFIN20080125_015418_000000362065_00246_30861_0652.N1	25-JAN-2008 01:54:18	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30861	No
32	GOM_NL__2PRFIN20080125_015741_000000332065_00246_30861_0653.N1	25-JAN-2008 01:57:41	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	30861	No
33	GOM_NL__2PRFIN20080125_020542_000000352065_00246_30861_0654.N1	25-JAN-2008 02:05:42	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	30861	No
34	GOM_NL__2PRFIN20080125_020748_000000342065_00246_30861_0655.N1	25-JAN-2008 02:07:48	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	30861	No
35	GOM_NL__2PRFIN20080125_021400_000000412065_00246_30861_0656.N1	25-JAN-2008 02:14:00	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	30861	No
36	GOM_NL__2PRFIN20080125_021815_000000402065_00246_30861_0657.N1	25-JAN-2008 02:18:15	Twilight	39.500	136	23Tau Sco	2.8220	30000.	79	30861	No
37	GOM_NL__2PRFIN20080125_021944_000000372065_00246_30861_0658.N1	25-JAN-2008 02:19:44	Twilight	37.000	85	Kap Sco	2.4070	28000.	74	30861	No
38	GOM_NL__2PRFIN20080125_022052_000000422065_00246_30861_0659.N1	25-JAN-2008 02:20:52	Dark	42.000	40	The Sco	1.8590	7100.0	84	30861	No
39	GOM_NL__2PRFIN20080125_022422_000000382065_00246_30861_0660.N1	25-JAN-2008 02:24:22	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	30861	No
40	GOM_NL__2PRFIN20080125_022743_000000372065_00247_30862_0642.N1	25-JAN-2008 02:27:43	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30862	No
41	GOM_NL__2PRFIN20080125_022908_000000412065_00247_30862_0643.N1	25-JAN-2008 02:29:08	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30862	No
42	GOM_NL__2PRFIN20080125_023341_000000402065_00247_30862_0644.N1	25-JAN-2008 02:33:41	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30862	No

397	GOM_NL__2PRFIN20080125_230110_000000482065_00259_30874_0854.N1	25-JAN-2008 23:01:10	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	30874	No
398	GOM_NL__2PRFIN20080125_230822_000000522065_00259_30874_0855.N1	25-JAN-2008 23:08:22	Bright	52.000	14	58Alp Ori	0.87000	3000.0	104	30874	No
399	GOM_NL__2PRFIN20080125_231029_000000382065_00259_30874_0856.N1	25-JAN-2008 23:10:29	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30874	No
400	GOM_NL__2PRFIN20080125_231215_000000382065_00259_30874_0857.N1	25-JAN-2008 23:12:15	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30874	No
401	GOM_NL__2PRFIN20080125_231436_000000372065_00259_30874_0858.N1	25-JAN-2008 23:14:36	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30874	No
402	GOM_NL__2PRFIN20080125_231630_000000352065_00259_30874_0859.N1	25-JAN-2008 23:16:30	Bright	35.000	107	37The Aur	2.6490	11000.	70	30874	No
403	GOM_NL__2PRFIN20080125_231838_000000362065_00259_30874_0860.N1	25-JAN-2008 23:18:38	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30874	No
404	GOM_NL__2PRFIN20080125_233106_000000332065_00259_30874_0861.N1	25-JAN-2008 23:31:06	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30874	No
405	GOM_NL__2PRFIN20080125_234206_000000372065_00259_30874_0862.N1	25-JAN-2008 23:42:06	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30874	No
406	GOM_NL__2PRFIN20080125_234530_000000332065_00259_30874_0863.N1	25-JAN-2008 23:45:30	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30874	No
407	GOM_NL__2PRFIN20080125_235332_000000362065_00259_30874_0864.N1	25-JAN-2008 23:53:32	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	30874	No
408	GOM_NL__2PRFIN20080125_235539_000000352065_00259_30874_0865.N1	25-JAN-2008 23:55:39	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	30874	No

3. Quality information per product

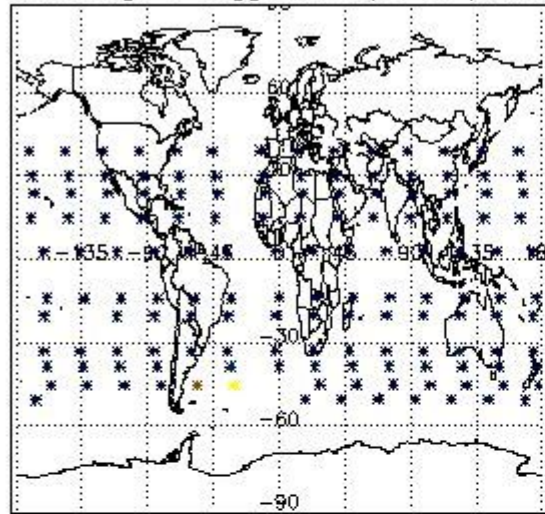
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

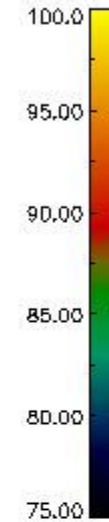
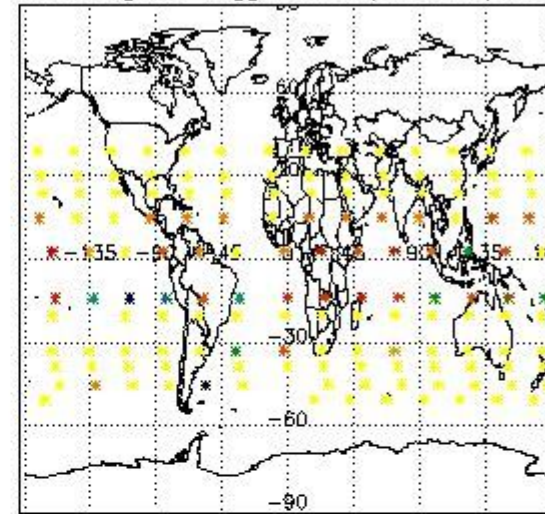


3.2 Plot quality information per product (world map)

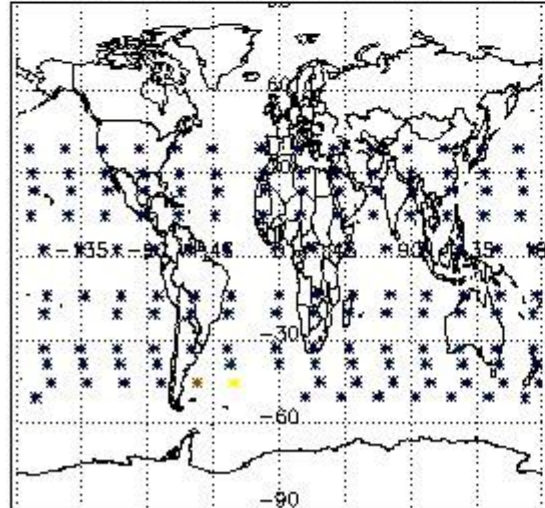
Percentage of flagged data per O3 profile



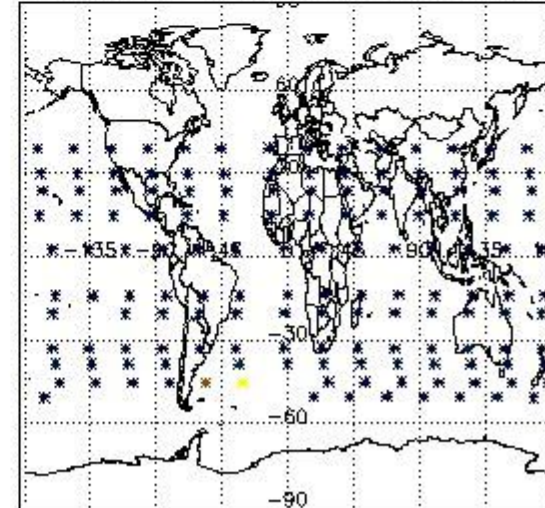
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

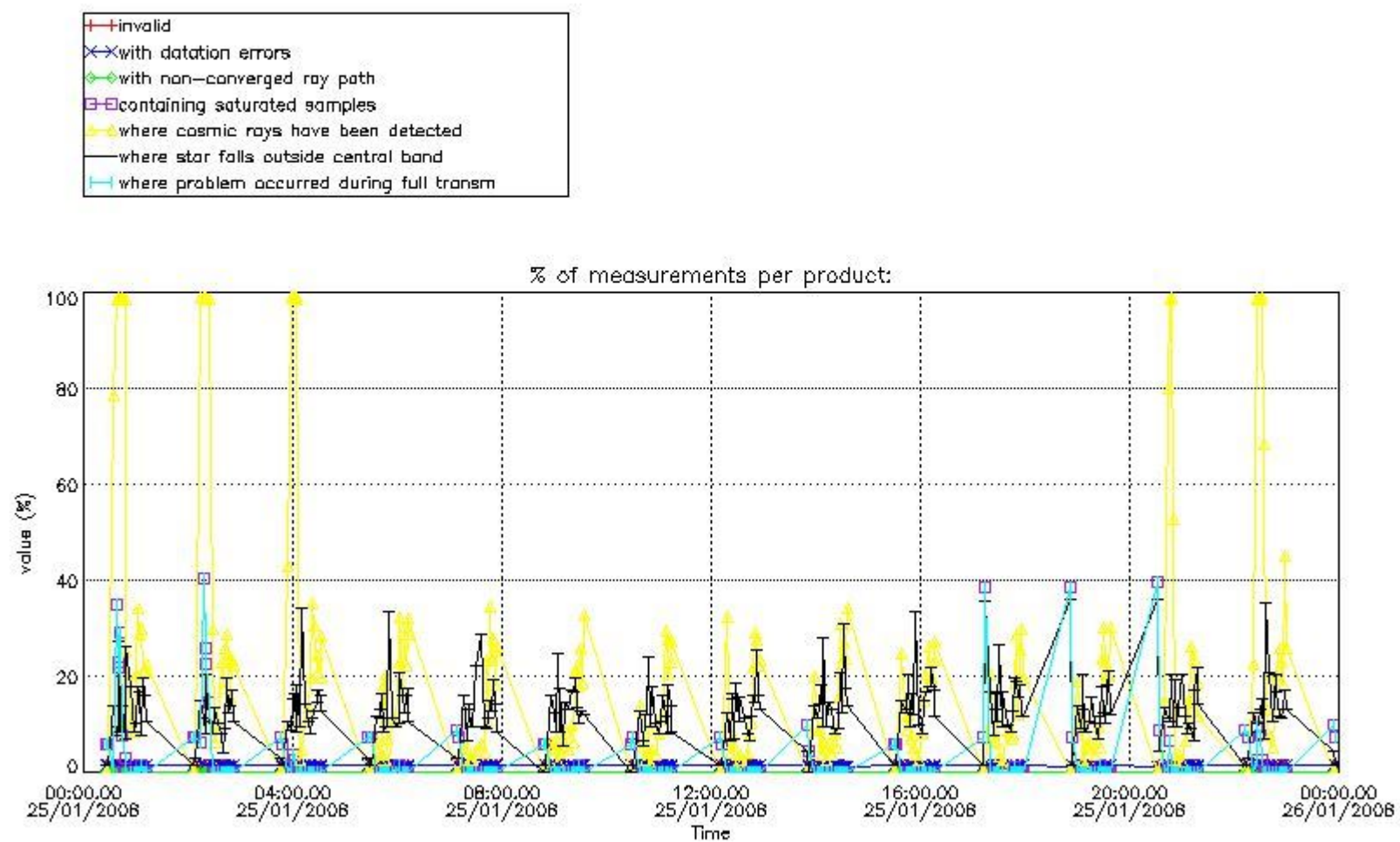


4. Level 1 quality information per product

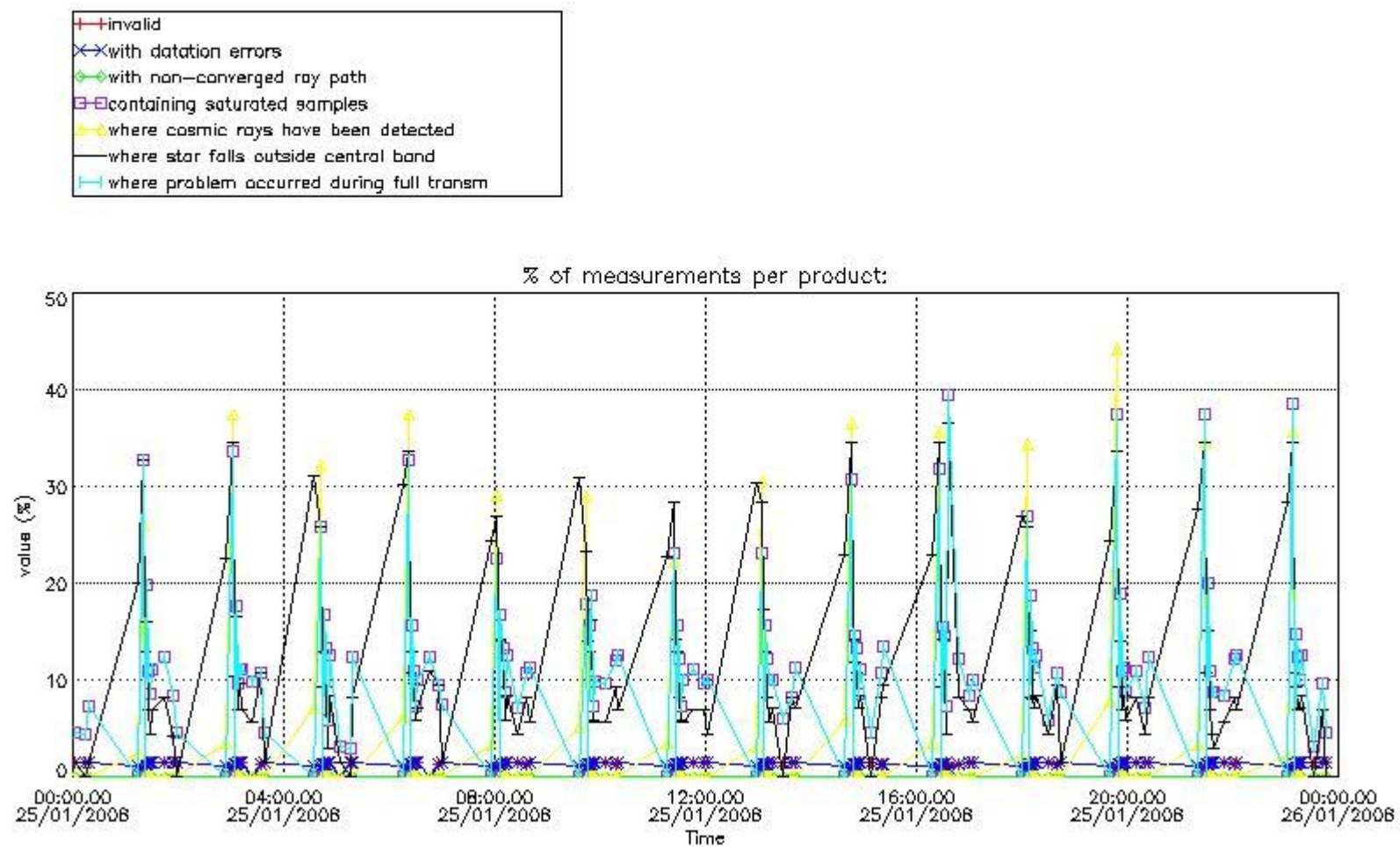
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



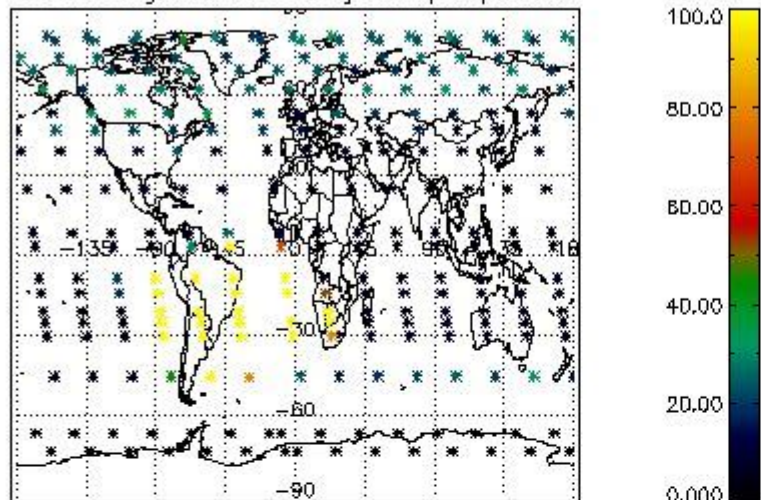
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



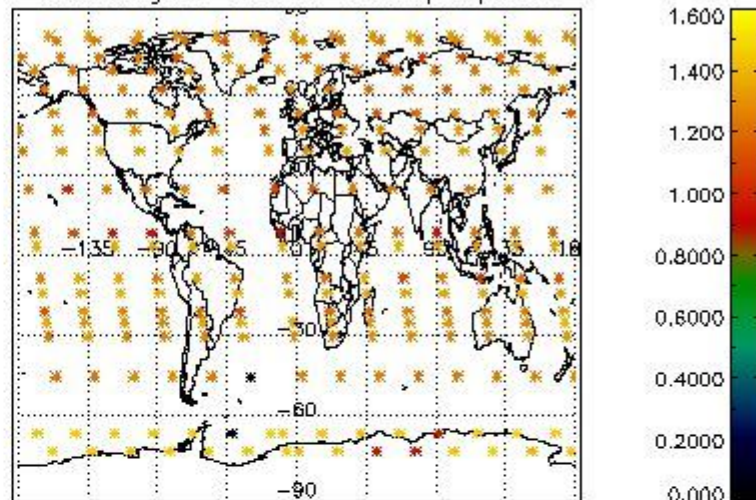
4.2 Plot quality information per product coming from level 1b processing (world map)

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

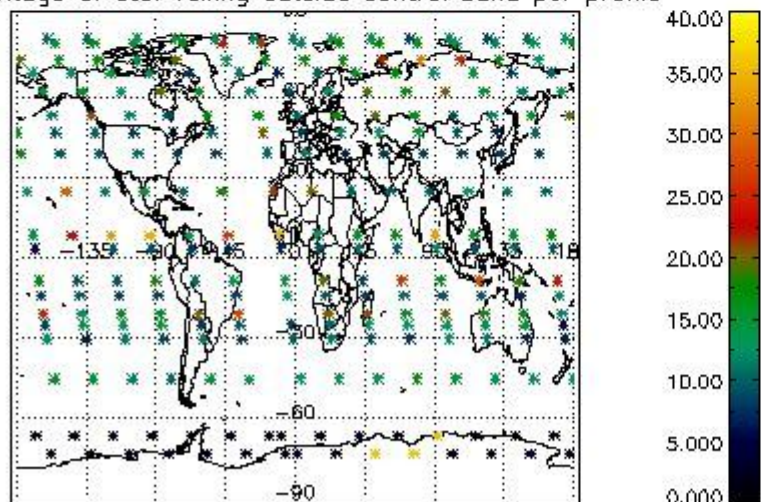
Percentage of cosmic ray hits per profile



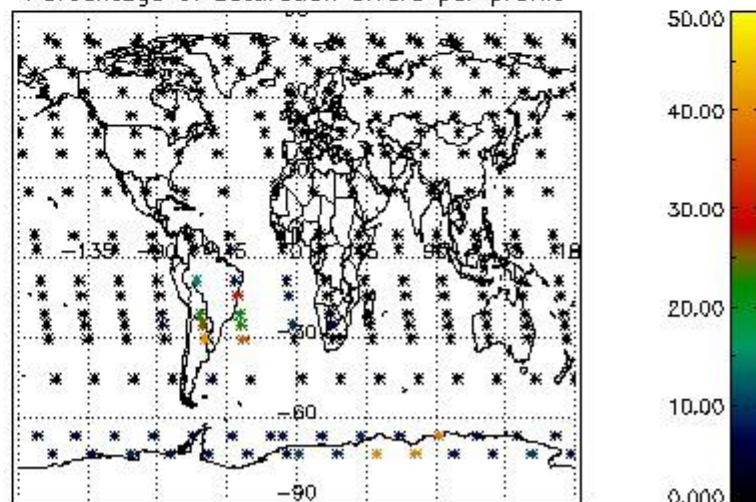
Percentage of datation errors per profile



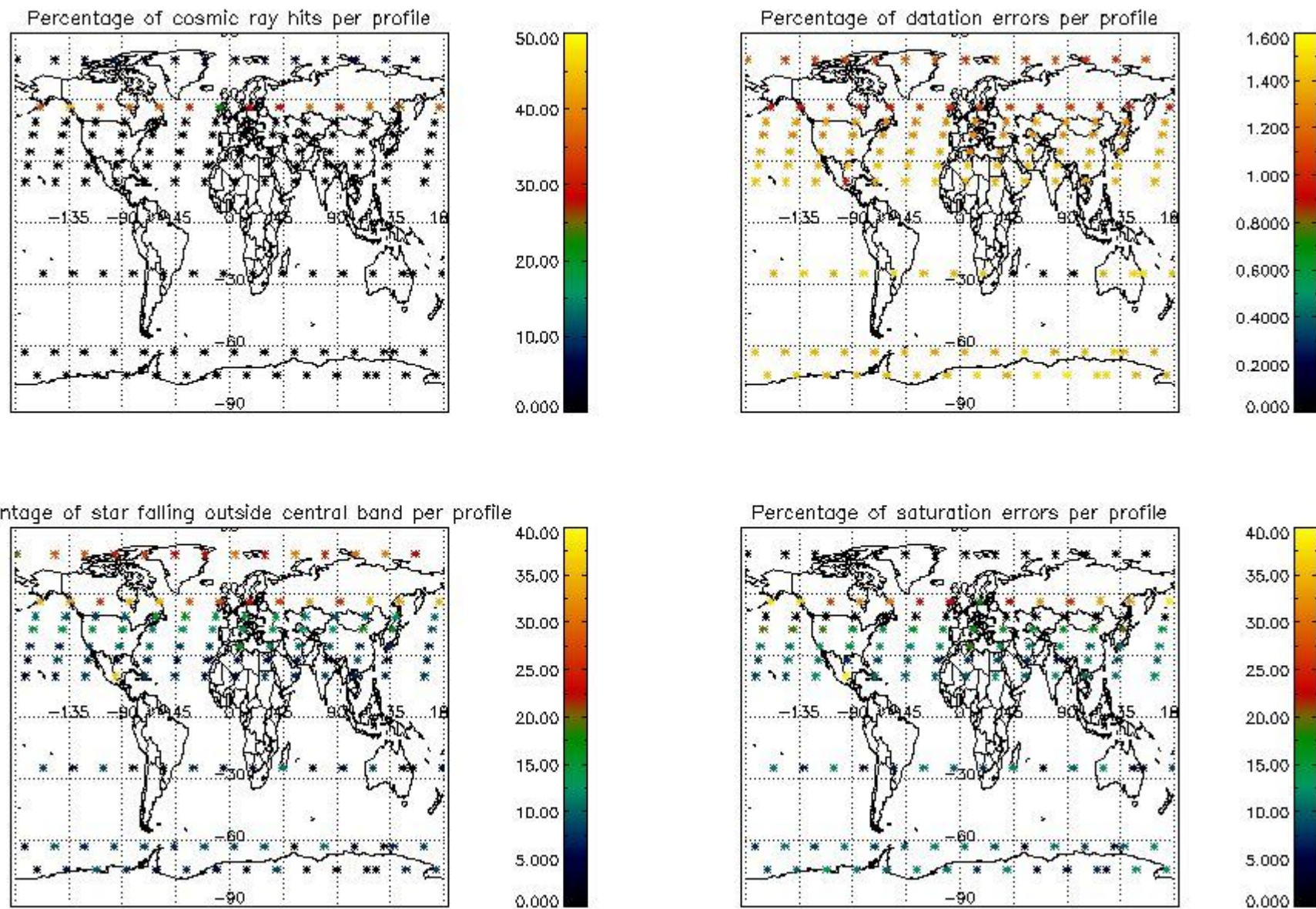
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

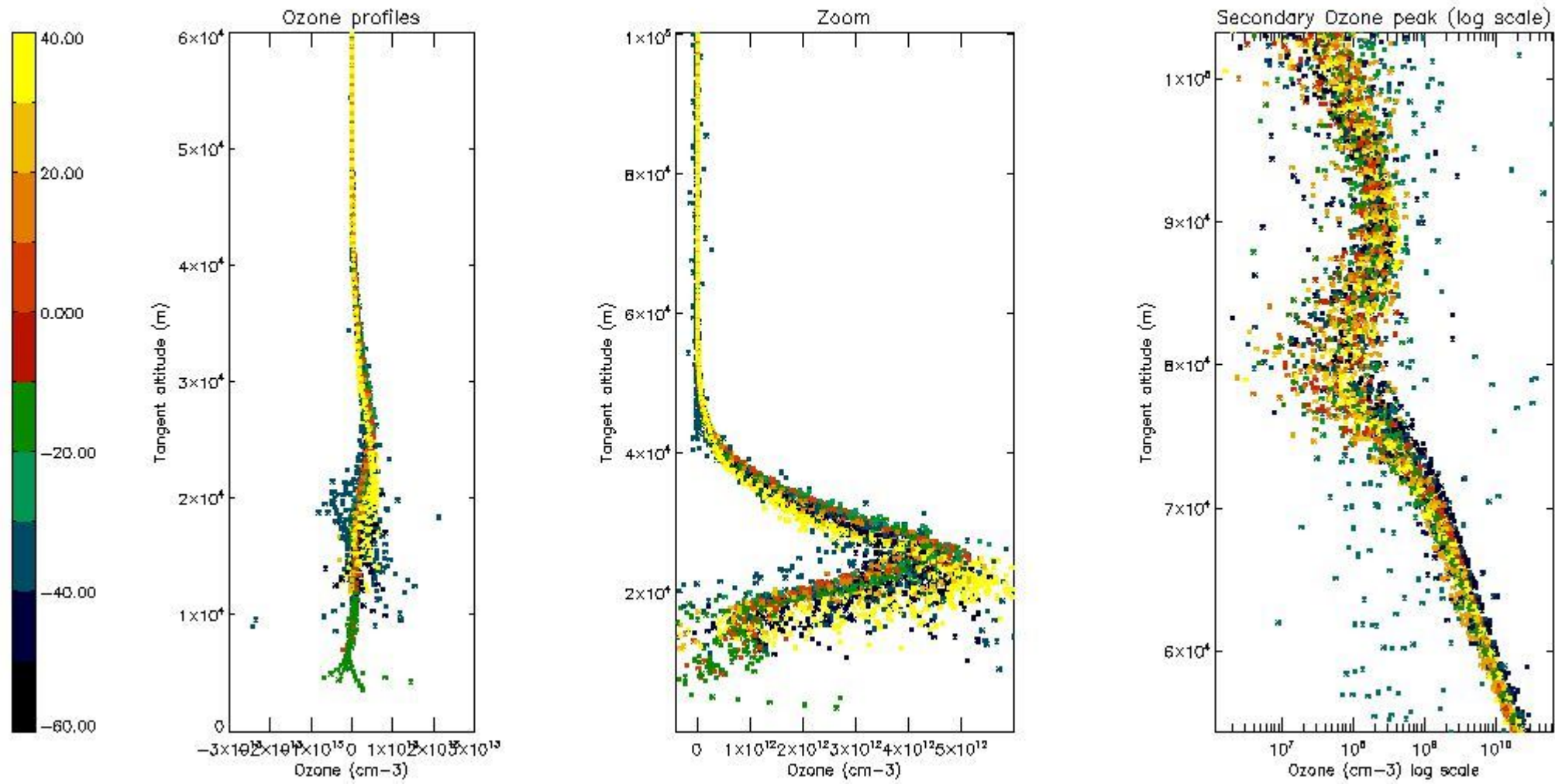
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	16
STD < 5	10

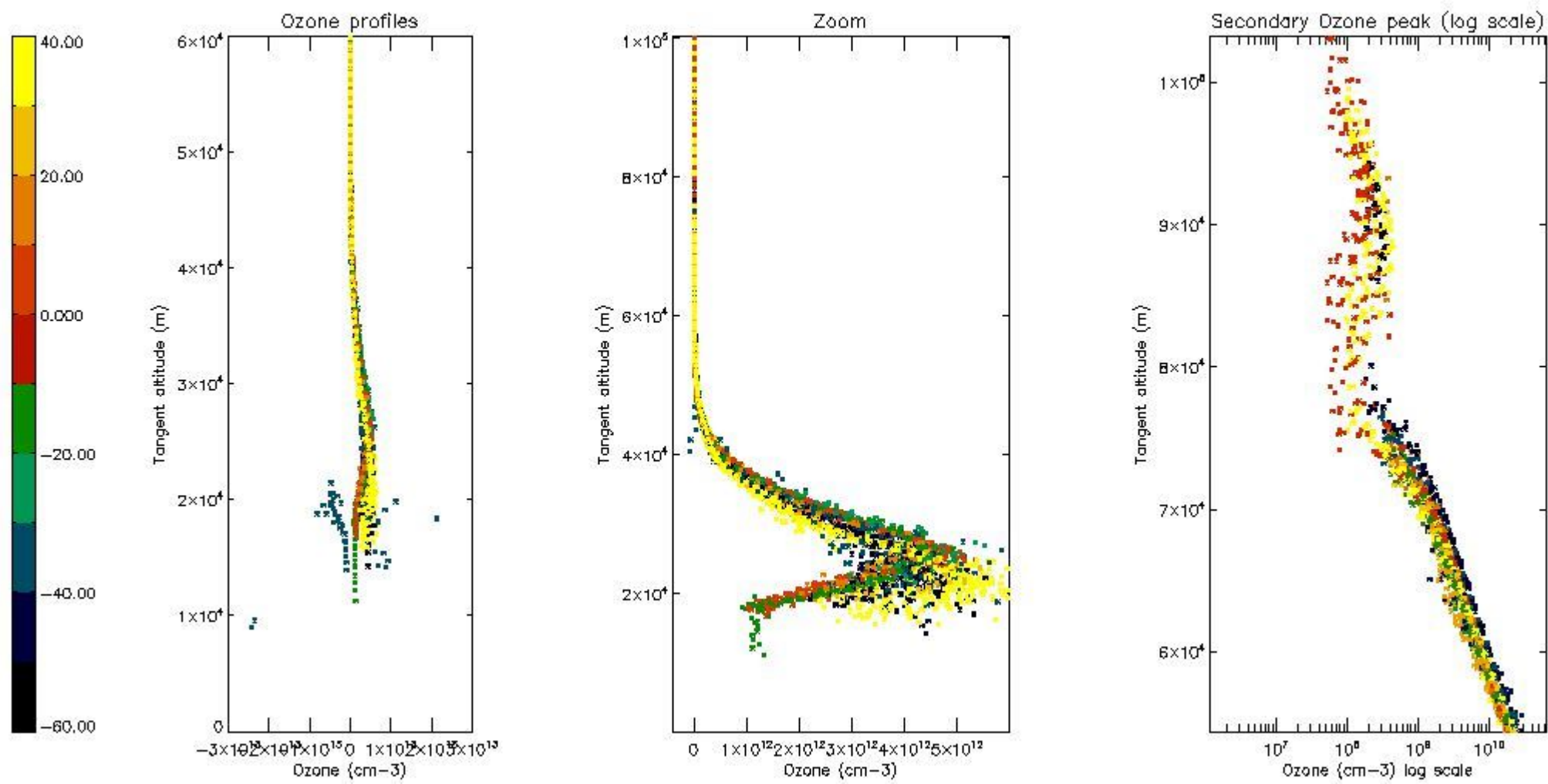
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



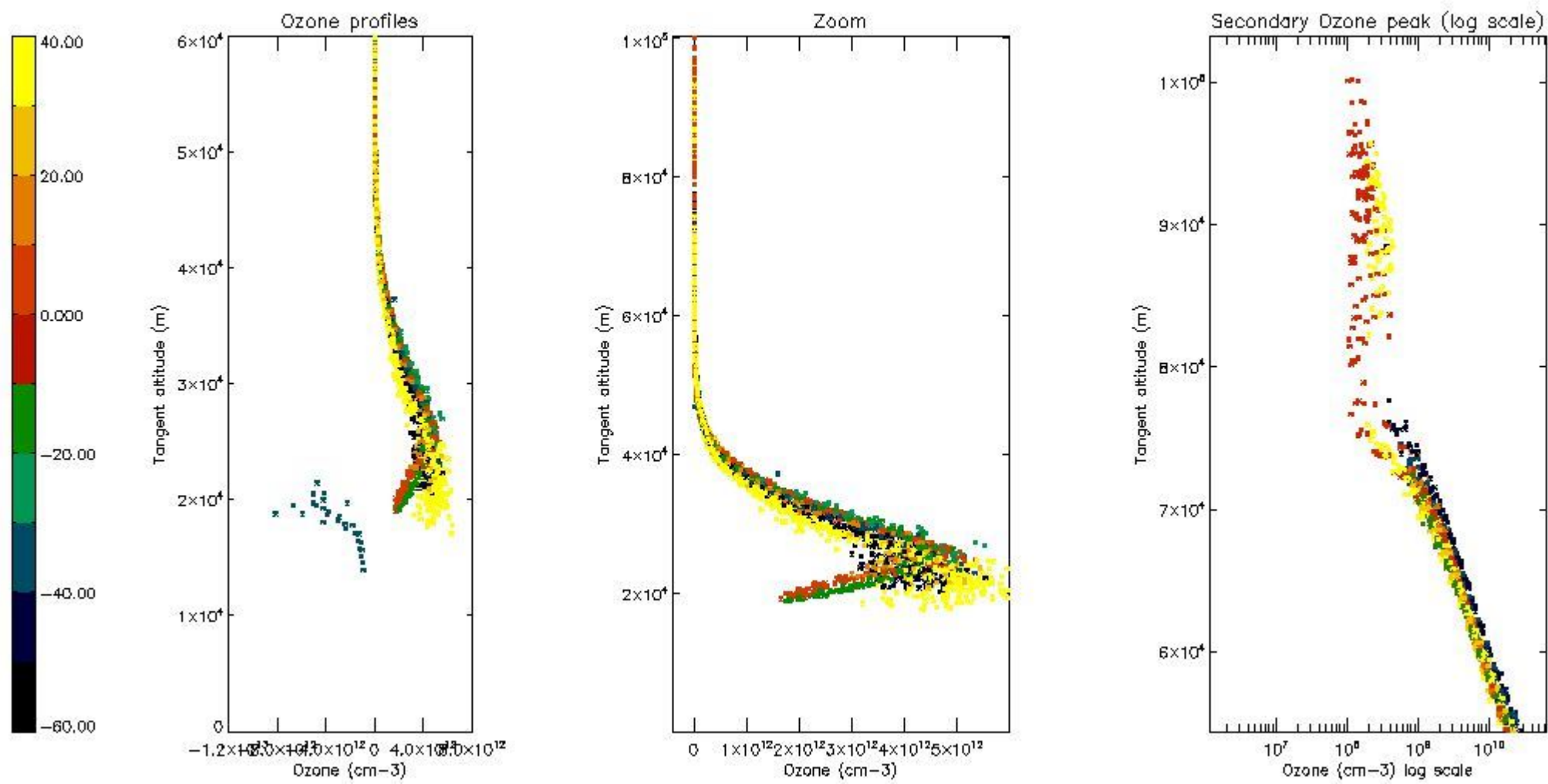
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



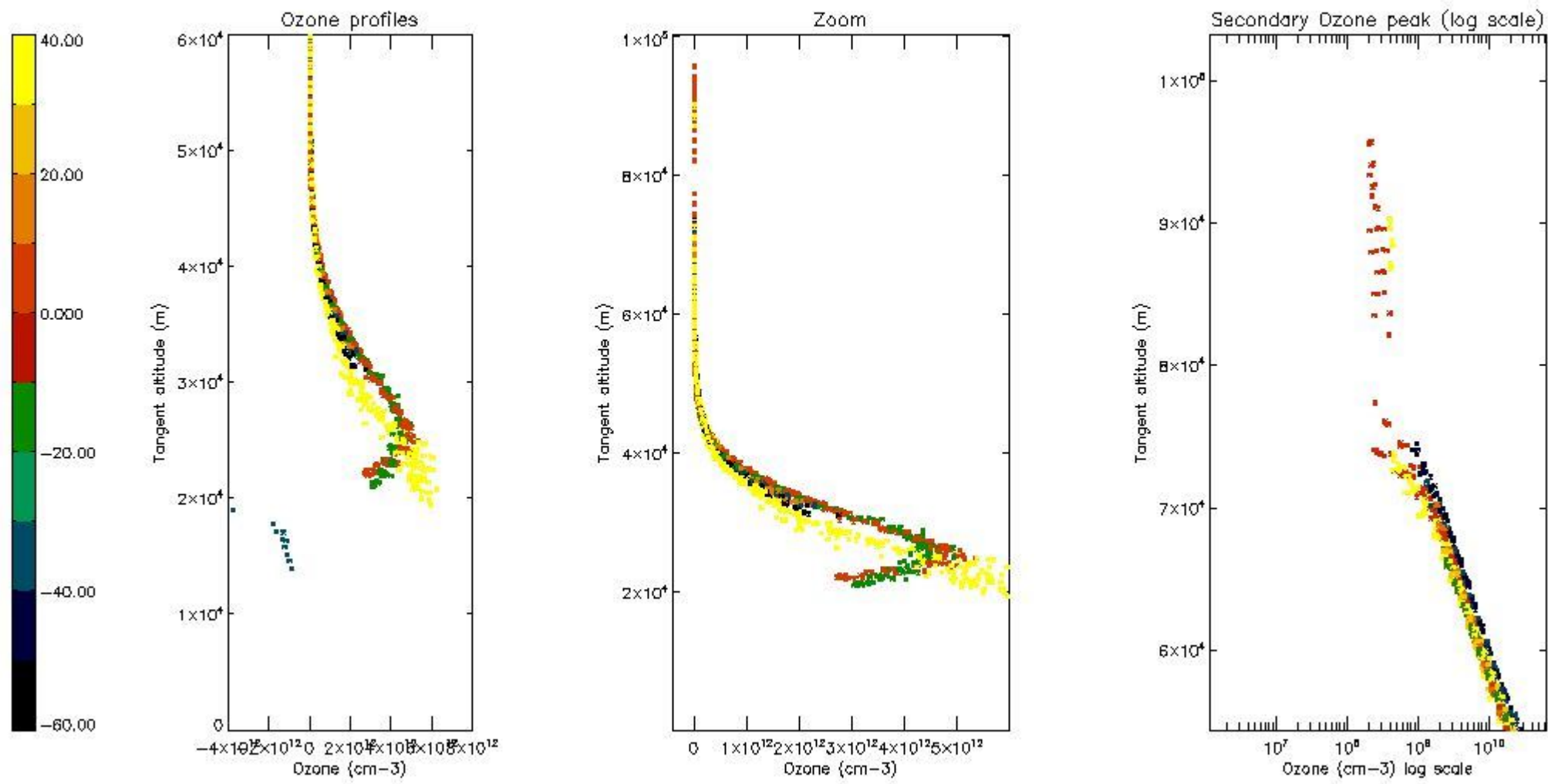
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



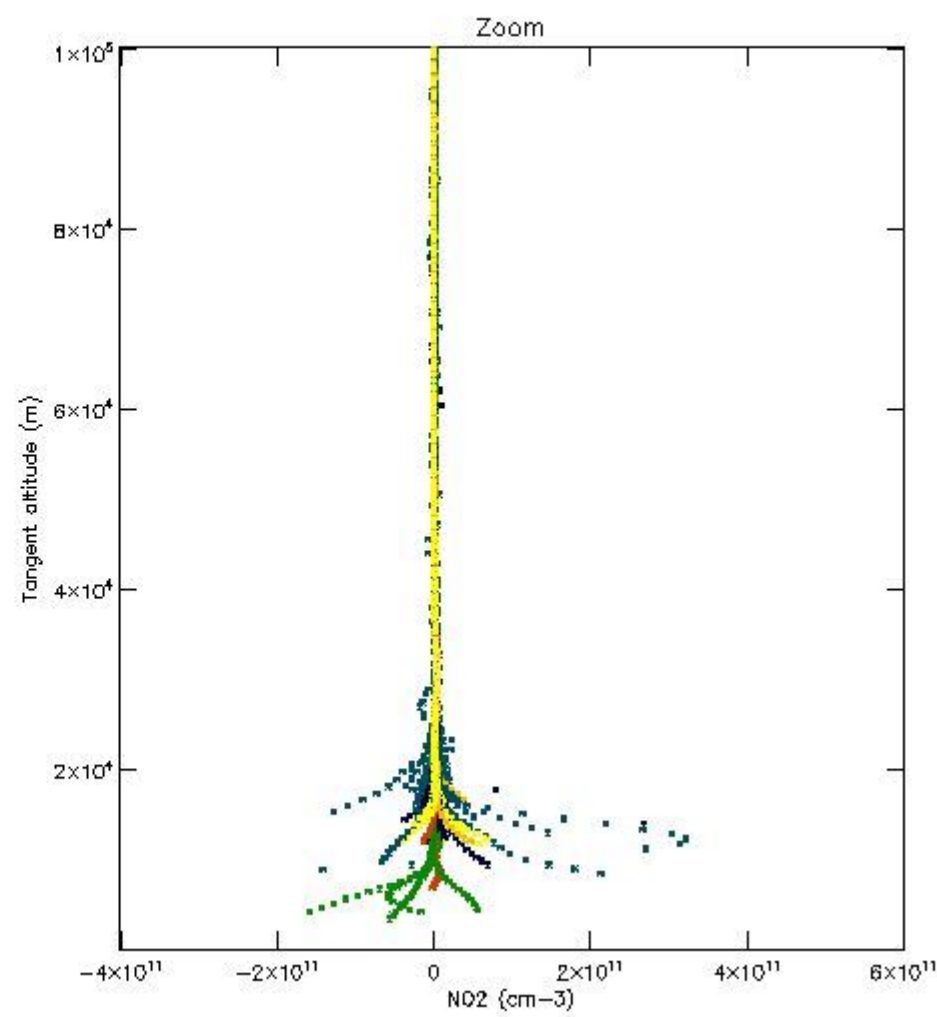
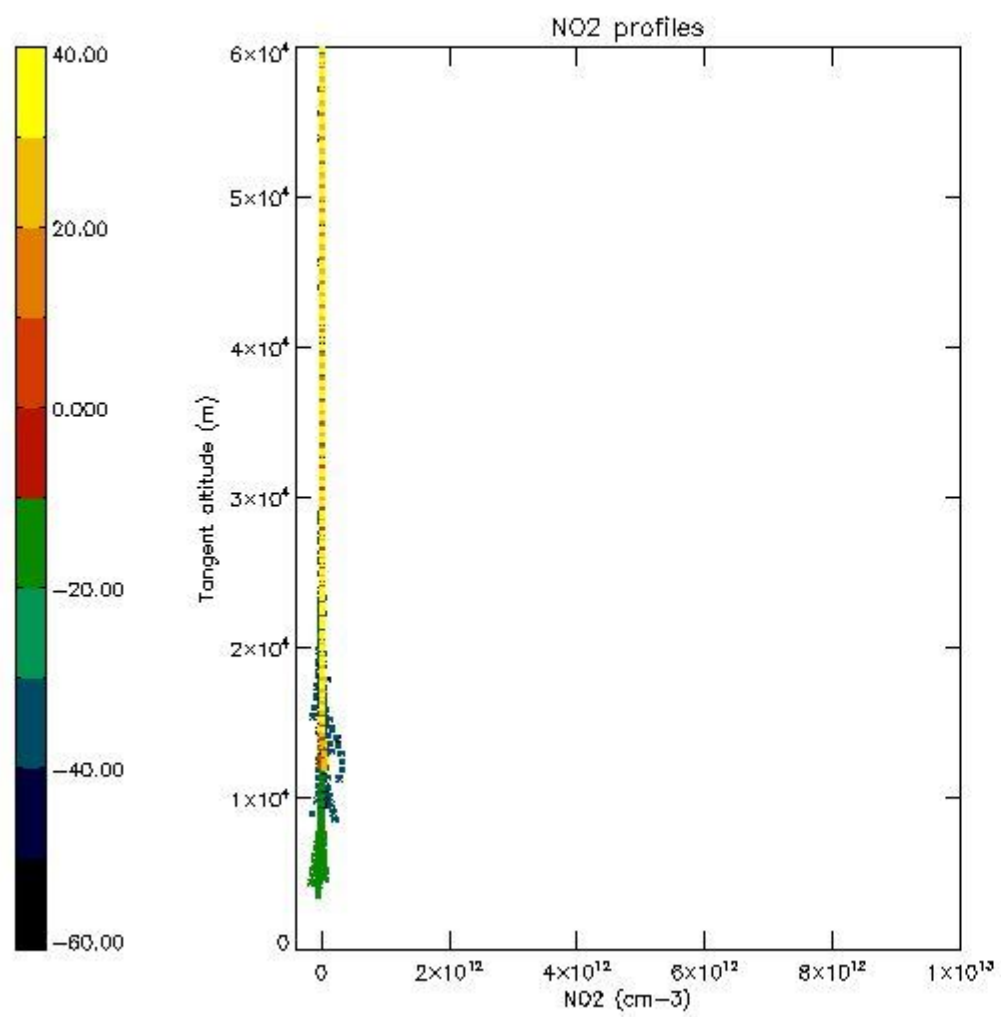
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



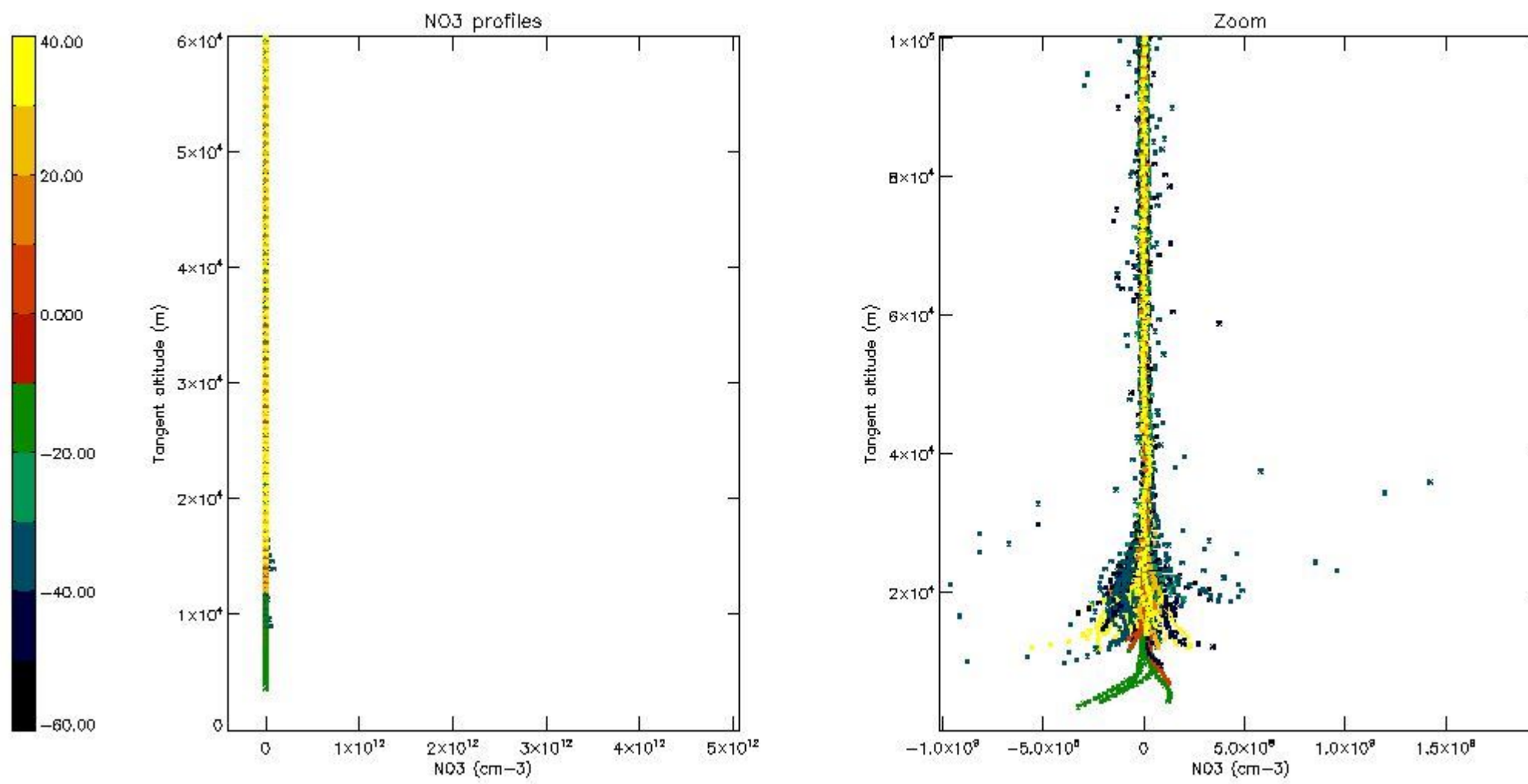
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



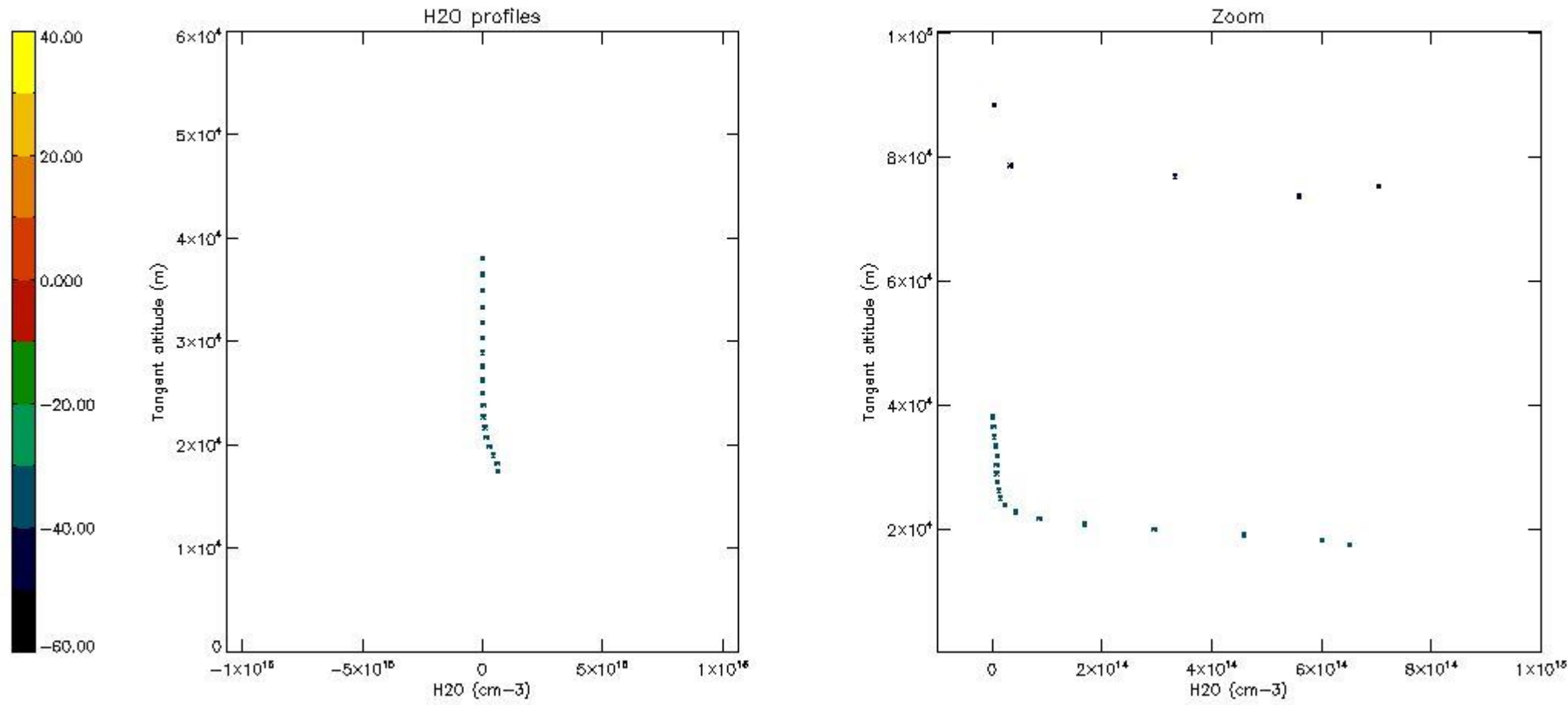
5.7 Plot NO3 profiles for all STD (dark without errors)

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	25-JAN-2008 00:02:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JAN-2008 00:02:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JAN-2008 00:02:43

GOMOS Level 2 Daily Report

SUMMARY

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[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](#)

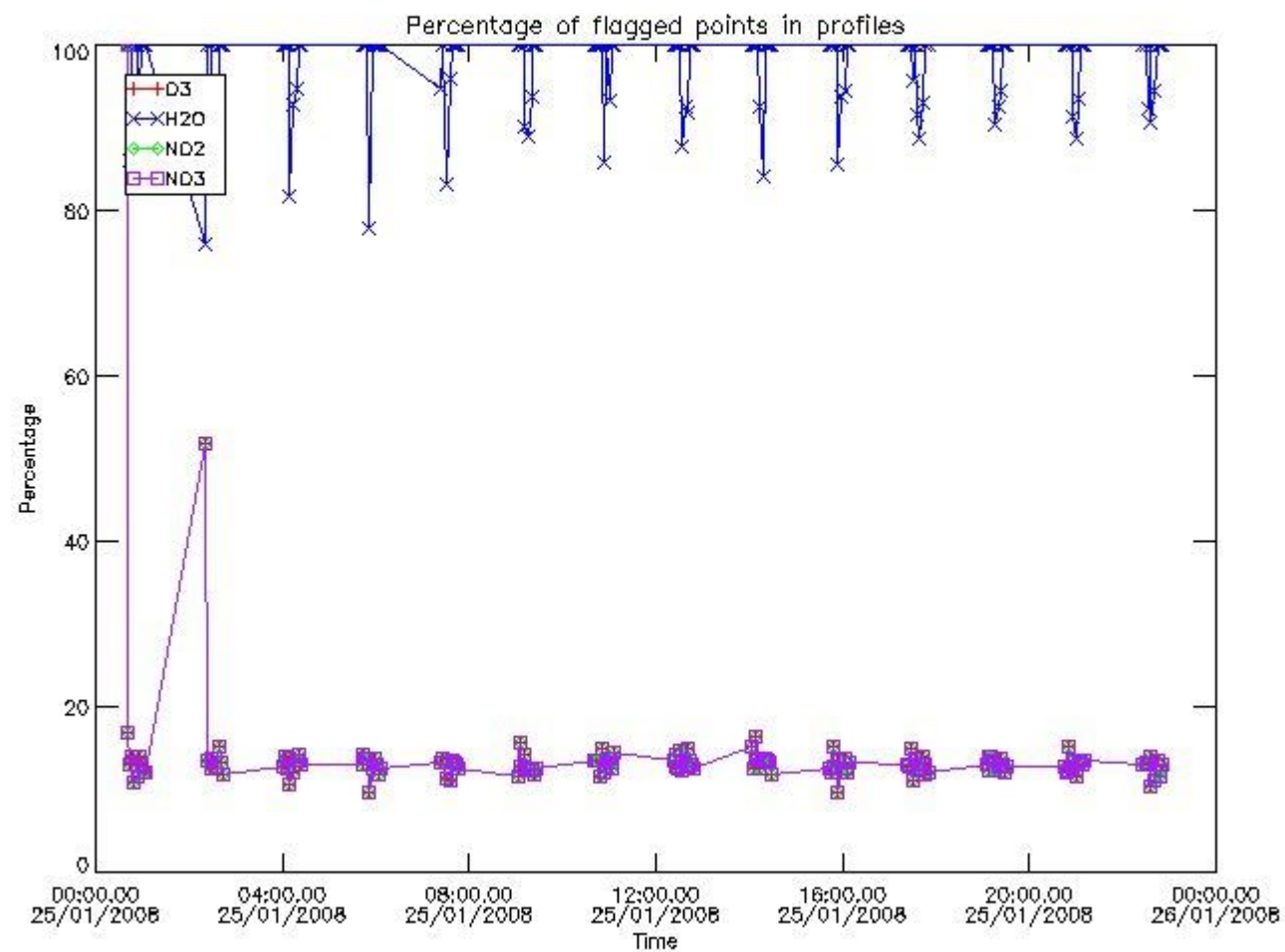
[6. Auxiliary Data Files used for the production reported in section 2](#)

397	GOM_NL__2PRFIN20080125_230110_000000482065_00259_30874_0854.N1	25-JAN-2008 23:01:10	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	30874	No
398	GOM_NL__2PRFIN20080125_230822_000000522065_00259_30874_0855.N1	25-JAN-2008 23:08:22	Bright	52.000	14	58Alp Ori	0.87000	3000.0	104	30874	No
399	GOM_NL__2PRFIN20080125_231029_000000382065_00259_30874_0856.N1	25-JAN-2008 23:10:29	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30874	No
400	GOM_NL__2PRFIN20080125_231215_000000382065_00259_30874_0857.N1	25-JAN-2008 23:12:15	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30874	No
401	GOM_NL__2PRFIN20080125_231436_000000372065_00259_30874_0858.N1	25-JAN-2008 23:14:36	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30874	No
402	GOM_NL__2PRFIN20080125_231630_000000352065_00259_30874_0859.N1	25-JAN-2008 23:16:30	Bright	35.000	107	37The Aur	2.6490	11000.	70	30874	No
403	GOM_NL__2PRFIN20080125_231838_000000362065_00259_30874_0860.N1	25-JAN-2008 23:18:38	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30874	No
404	GOM_NL__2PRFIN20080125_233106_000000332065_00259_30874_0861.N1	25-JAN-2008 23:31:06	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30874	No
405	GOM_NL__2PRFIN20080125_234206_000000372065_00259_30874_0862.N1	25-JAN-2008 23:42:06	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30874	No
406	GOM_NL__2PRFIN20080125_234530_000000332065_00259_30874_0863.N1	25-JAN-2008 23:45:30	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30874	No
407	GOM_NL__2PRFIN20080125_235332_000000362065_00259_30874_0864.N1	25-JAN-2008 23:53:32	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	30874	No
408	GOM_NL__2PRFIN20080125_235539_000000352065_00259_30874_0865.N1	25-JAN-2008 23:55:39	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	30874	No

3. Quality information per product

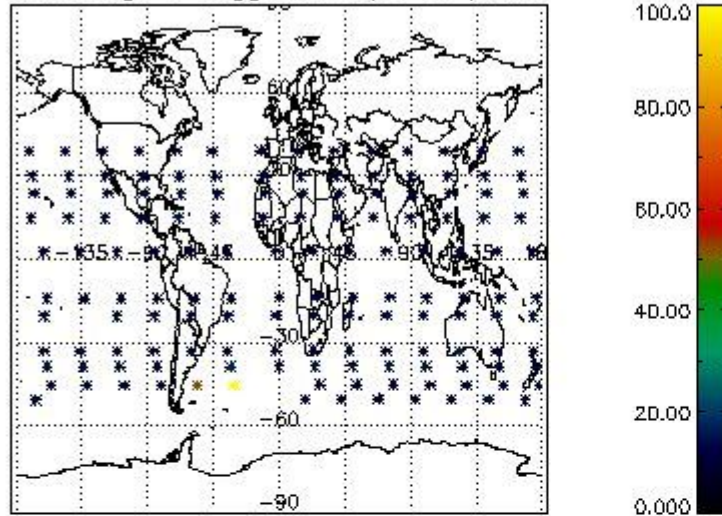
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

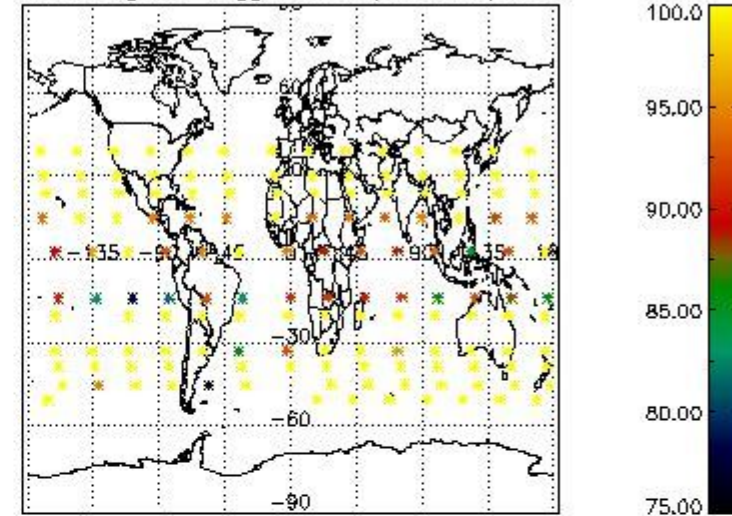


3.2 Plot quality information per product (world map)

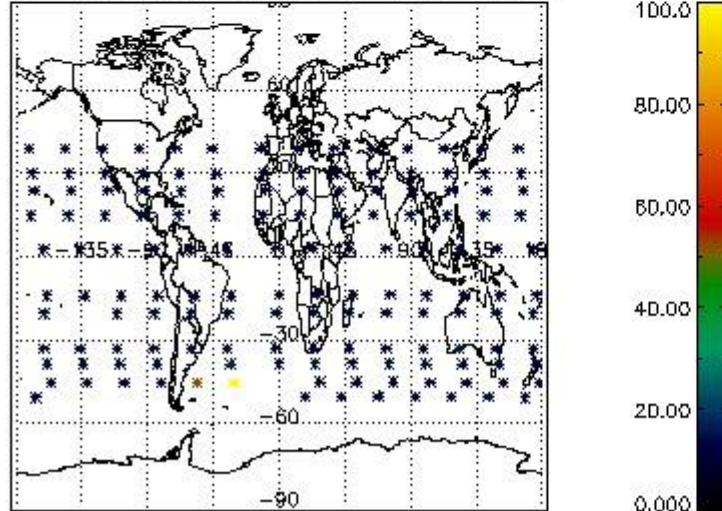
Percentage of flagged data per O3 profile



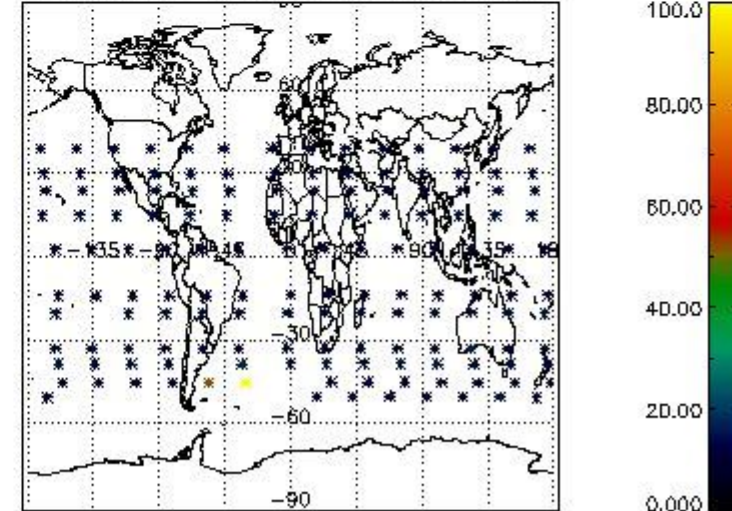
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

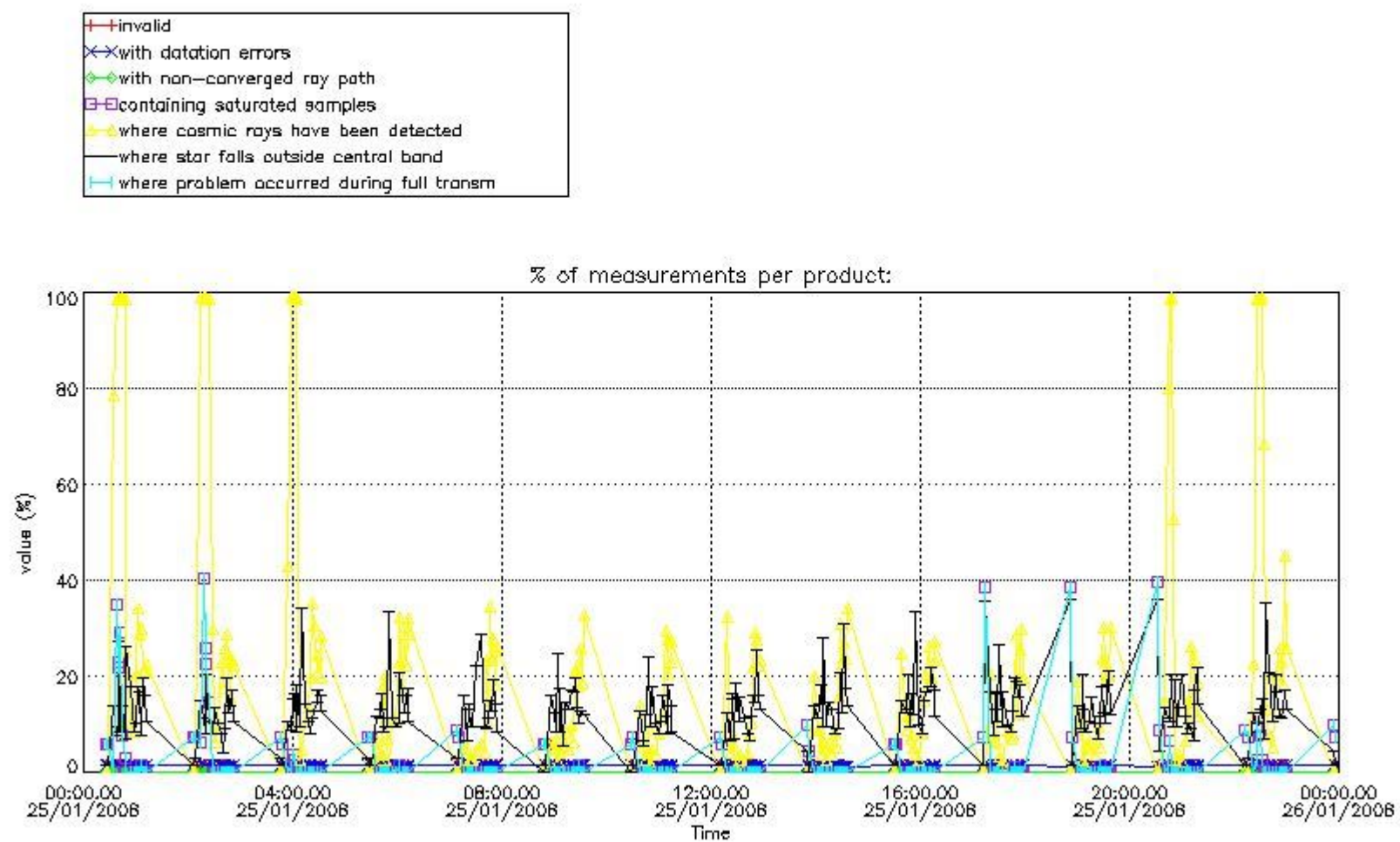


4. Level 1 quality information per product

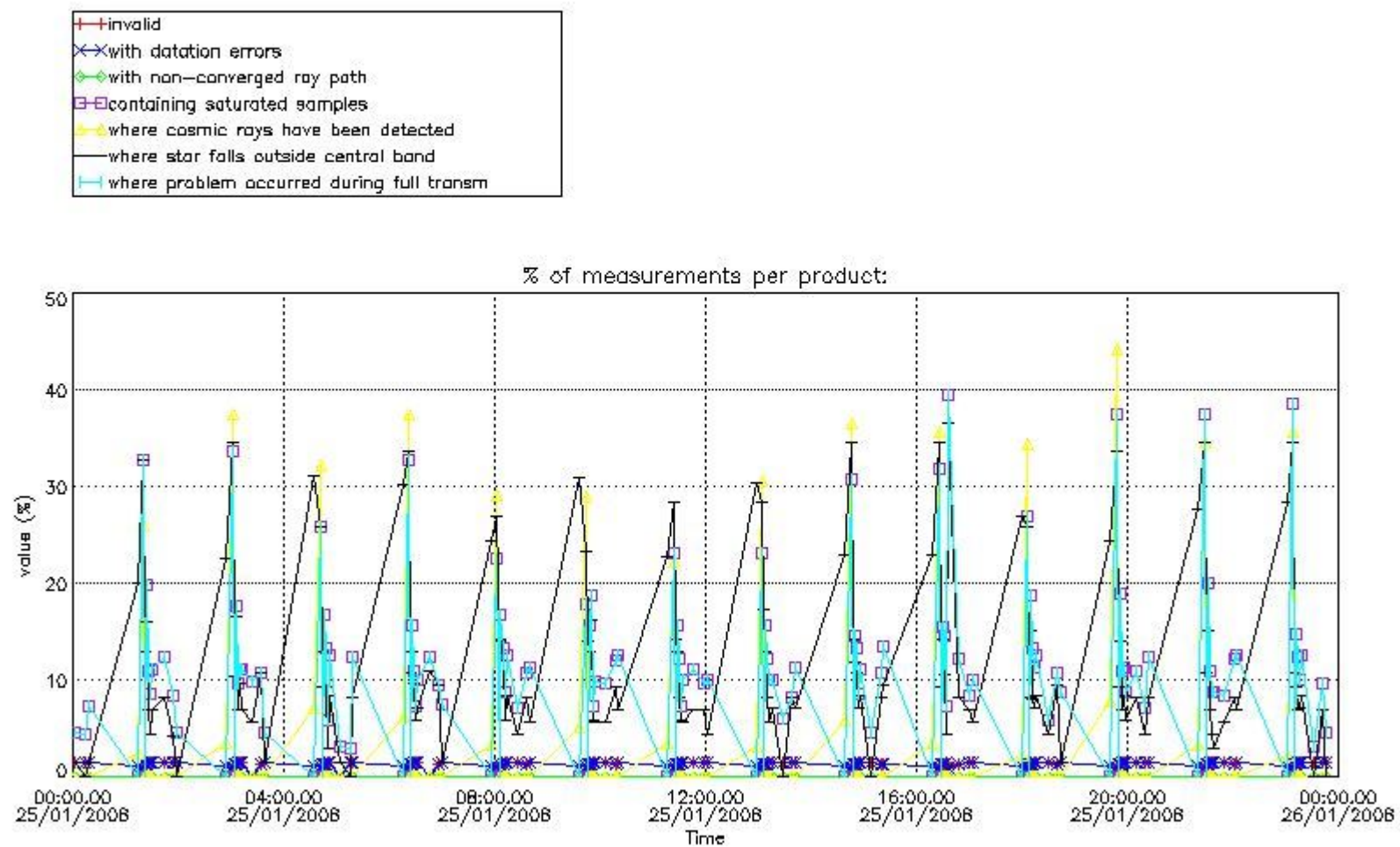
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



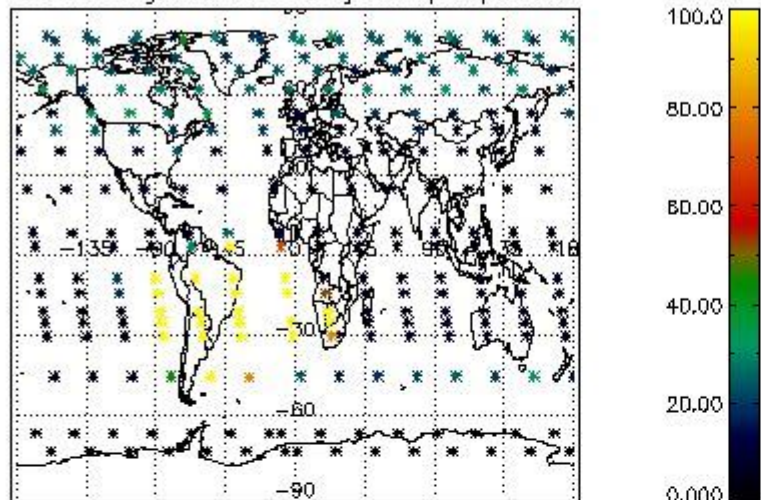
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



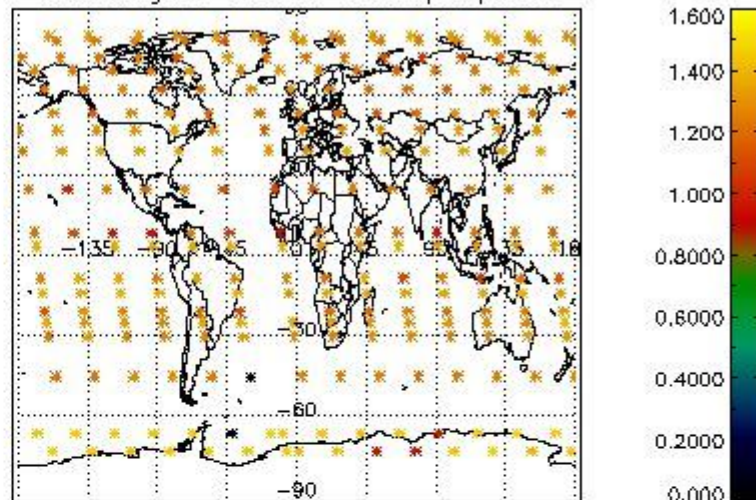
4.2 Plot quality information per product coming from level 1b processing (world map)

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

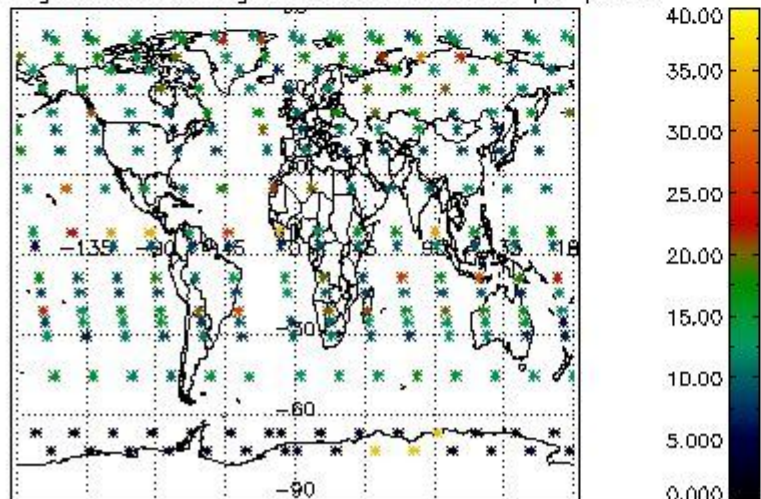
Percentage of cosmic ray hits per profile



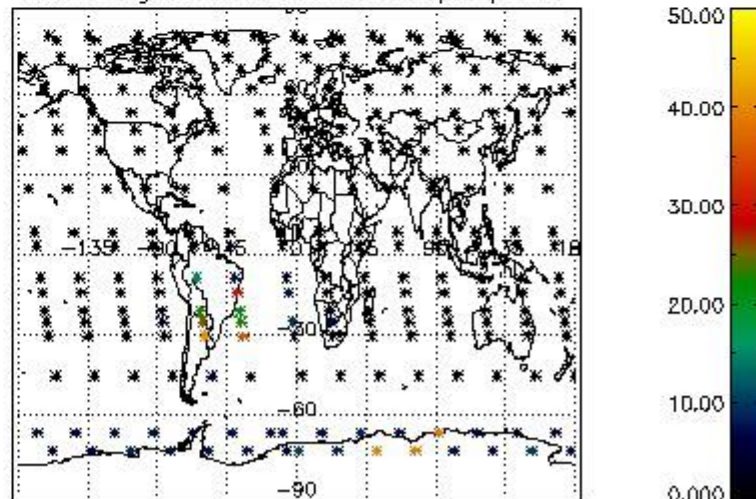
Percentage of datation errors per profile



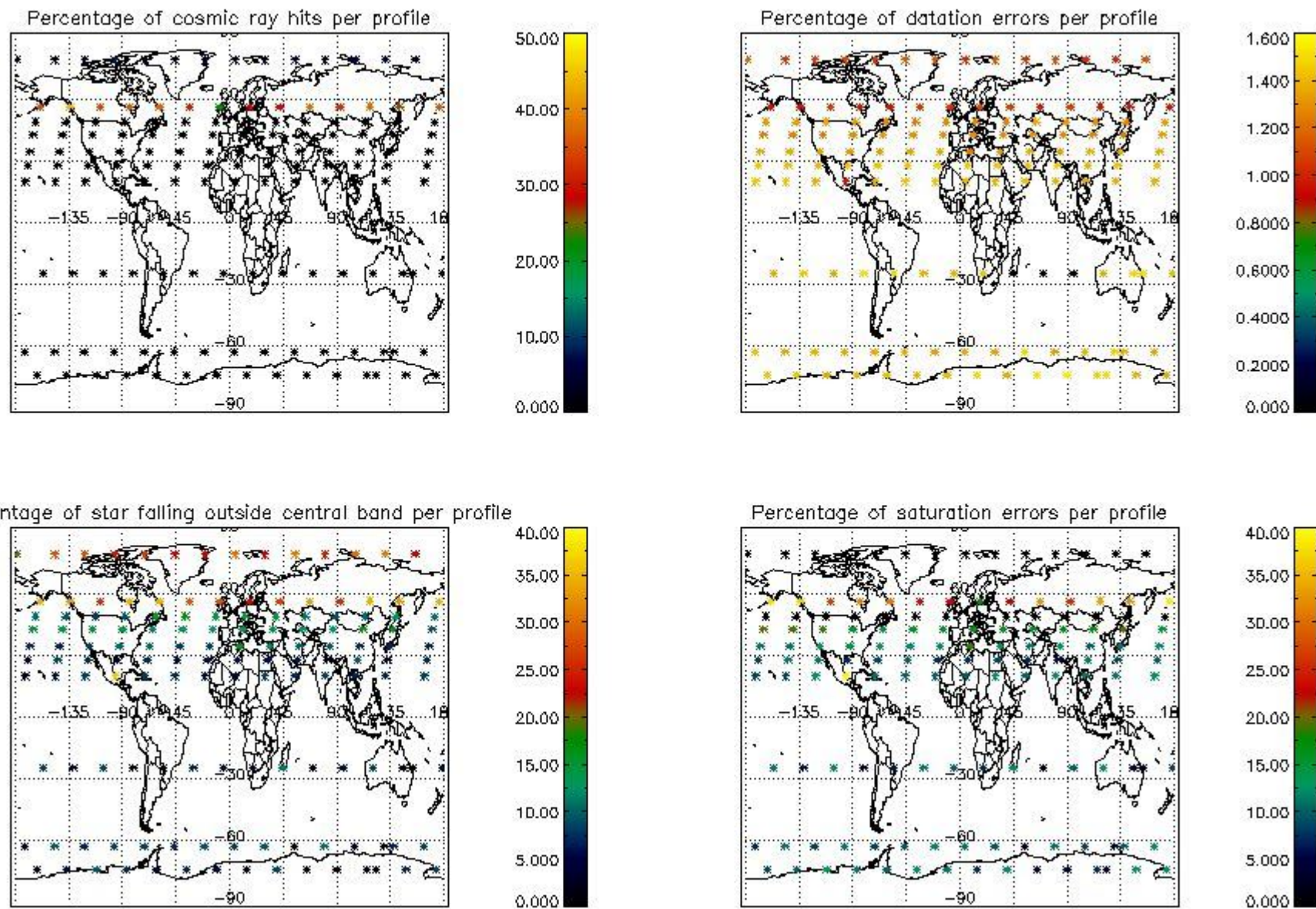
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

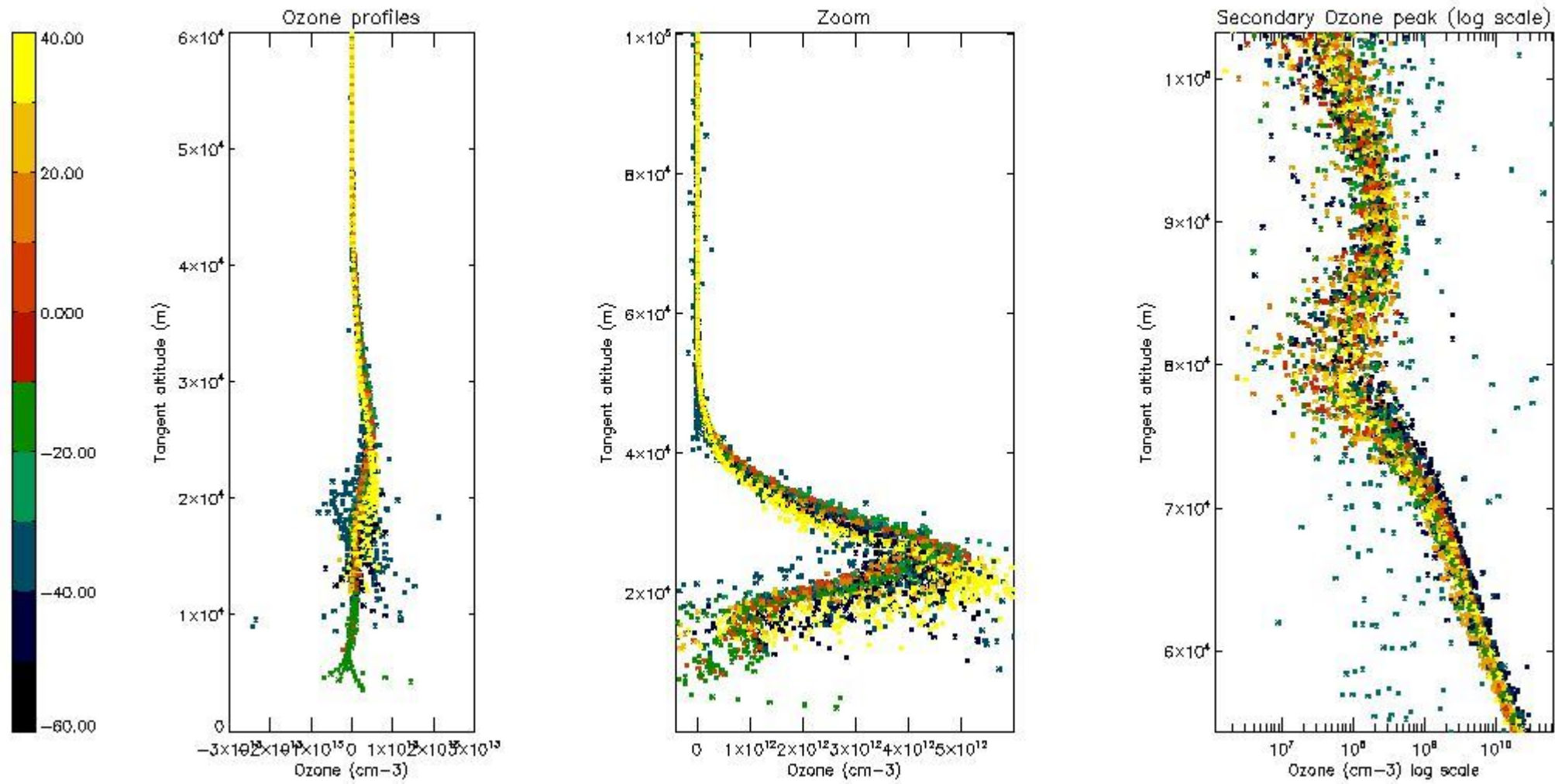
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	16
STD < 5	10

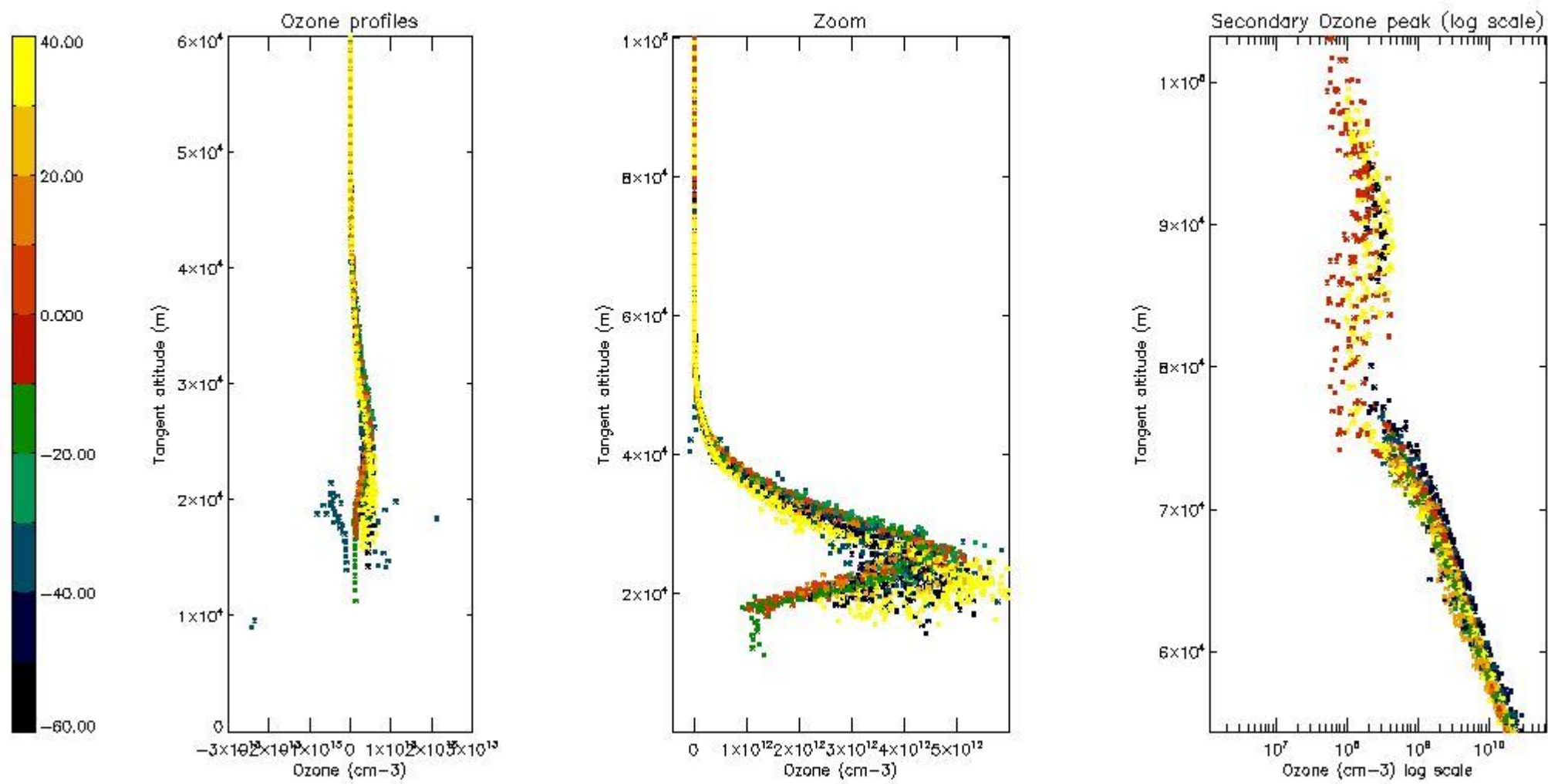
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



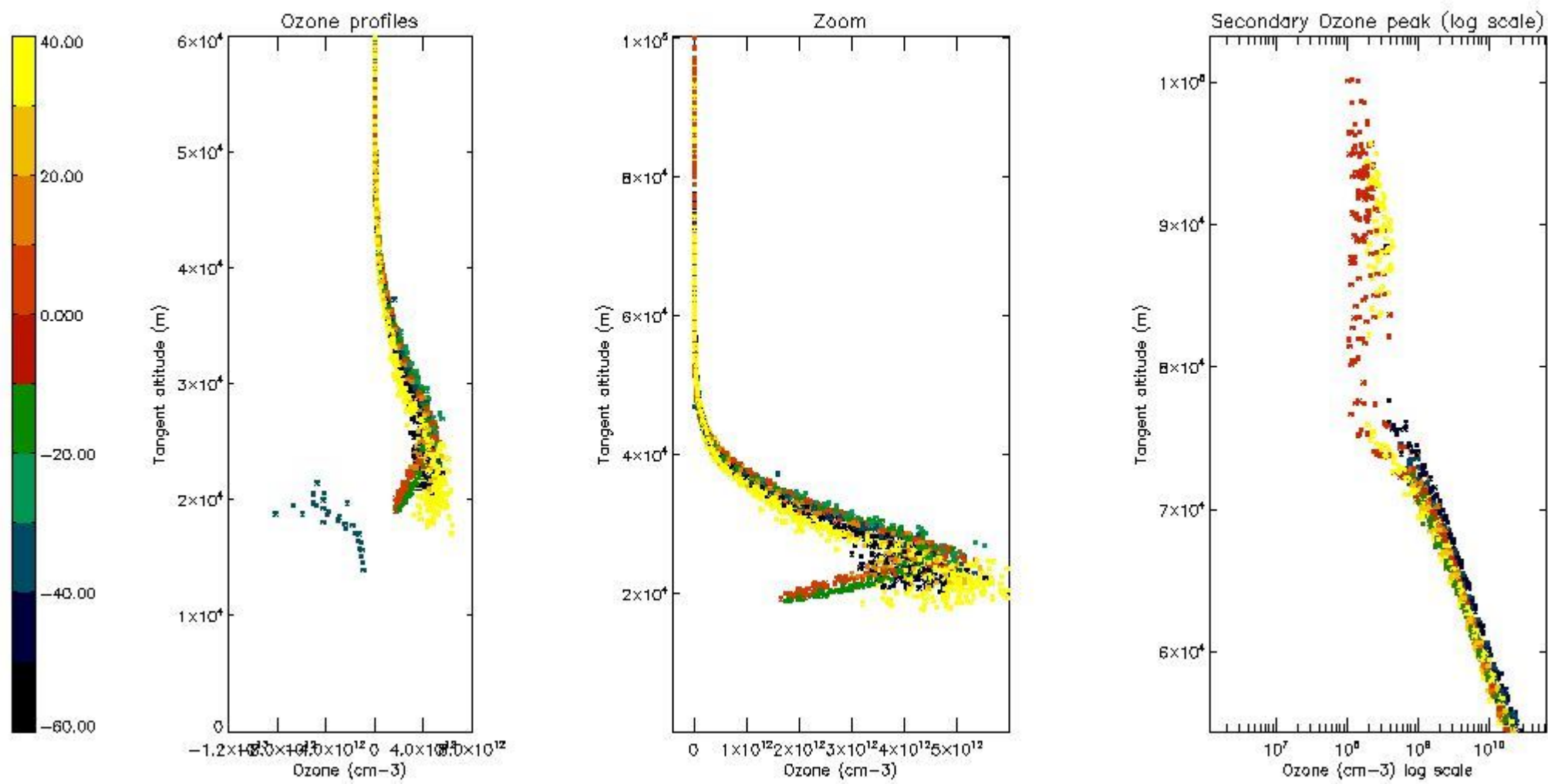
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



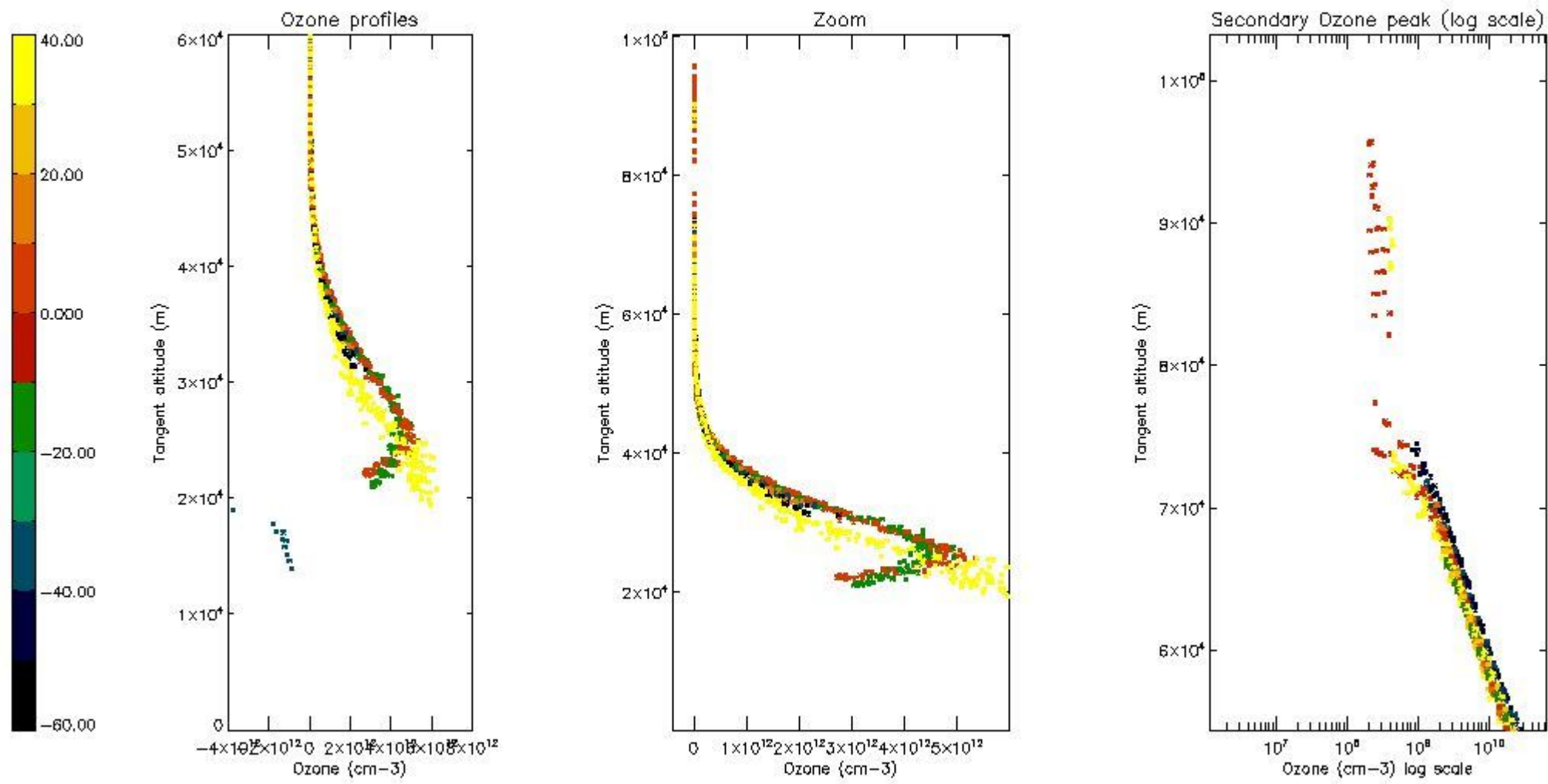
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



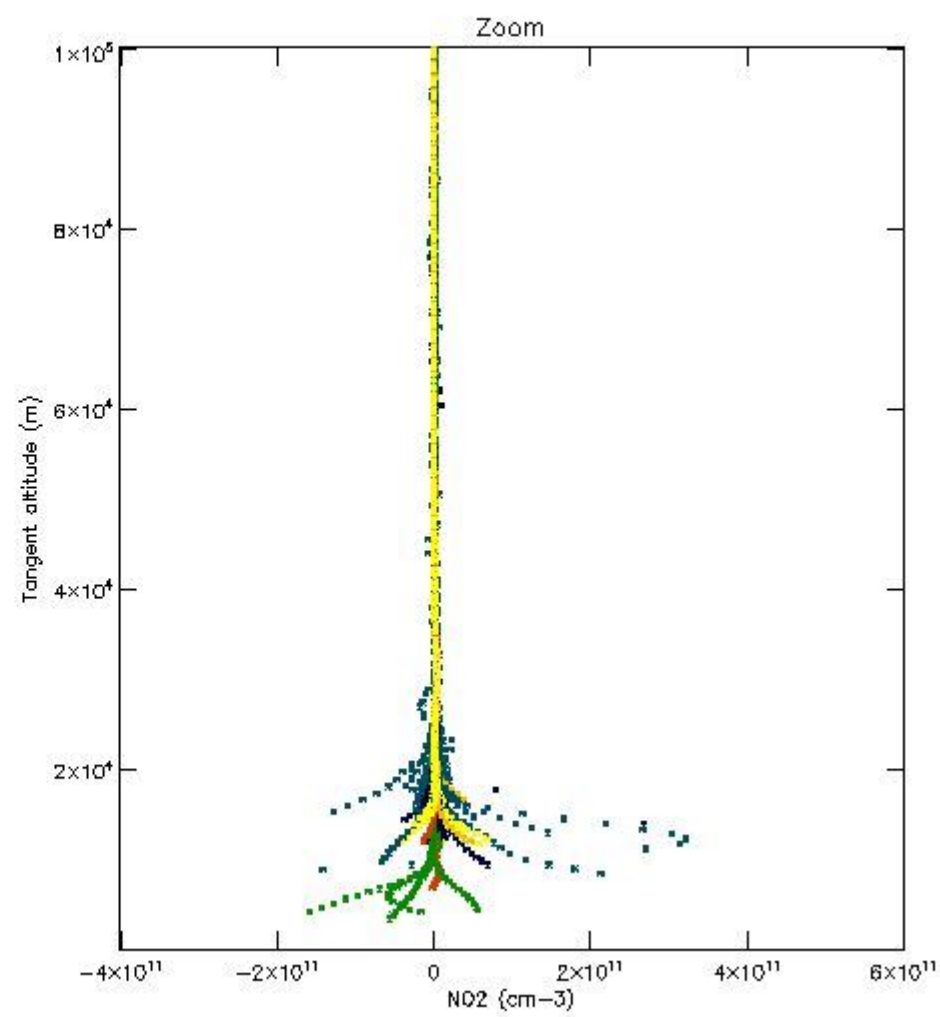
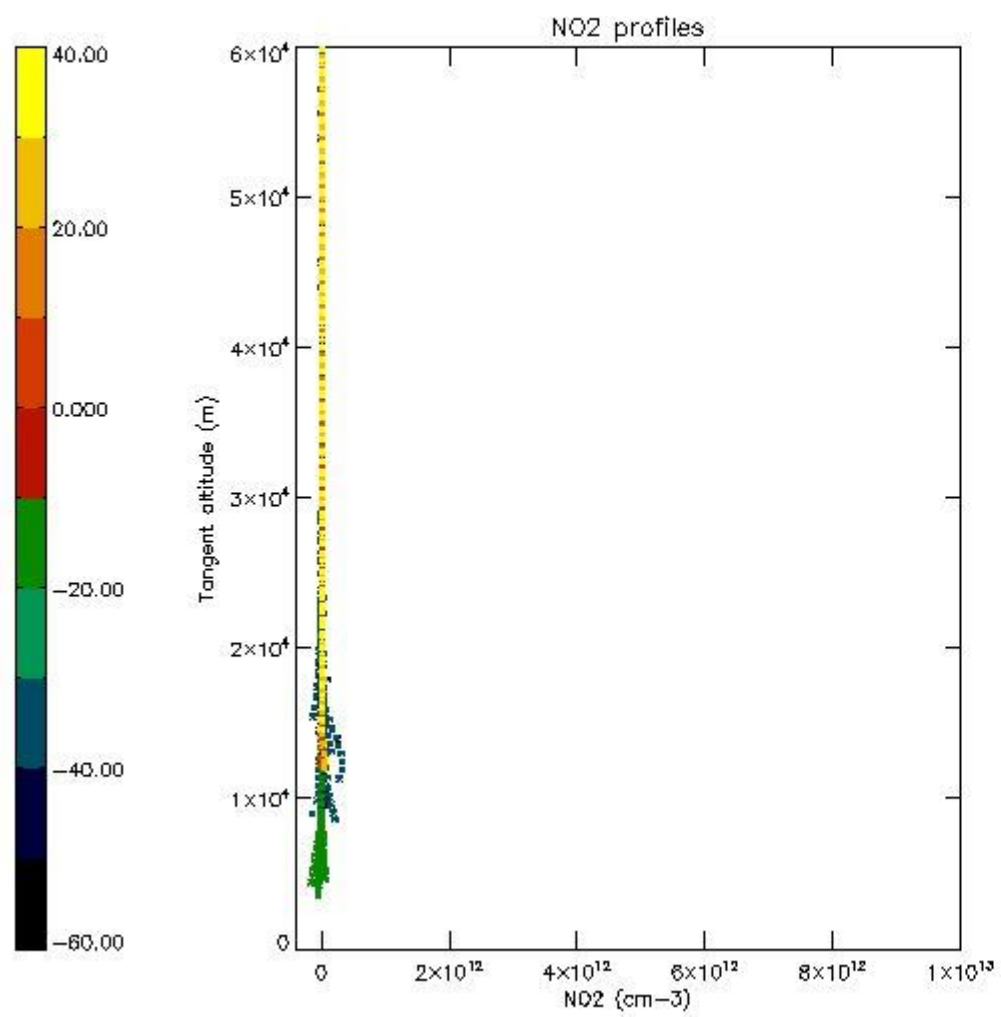
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



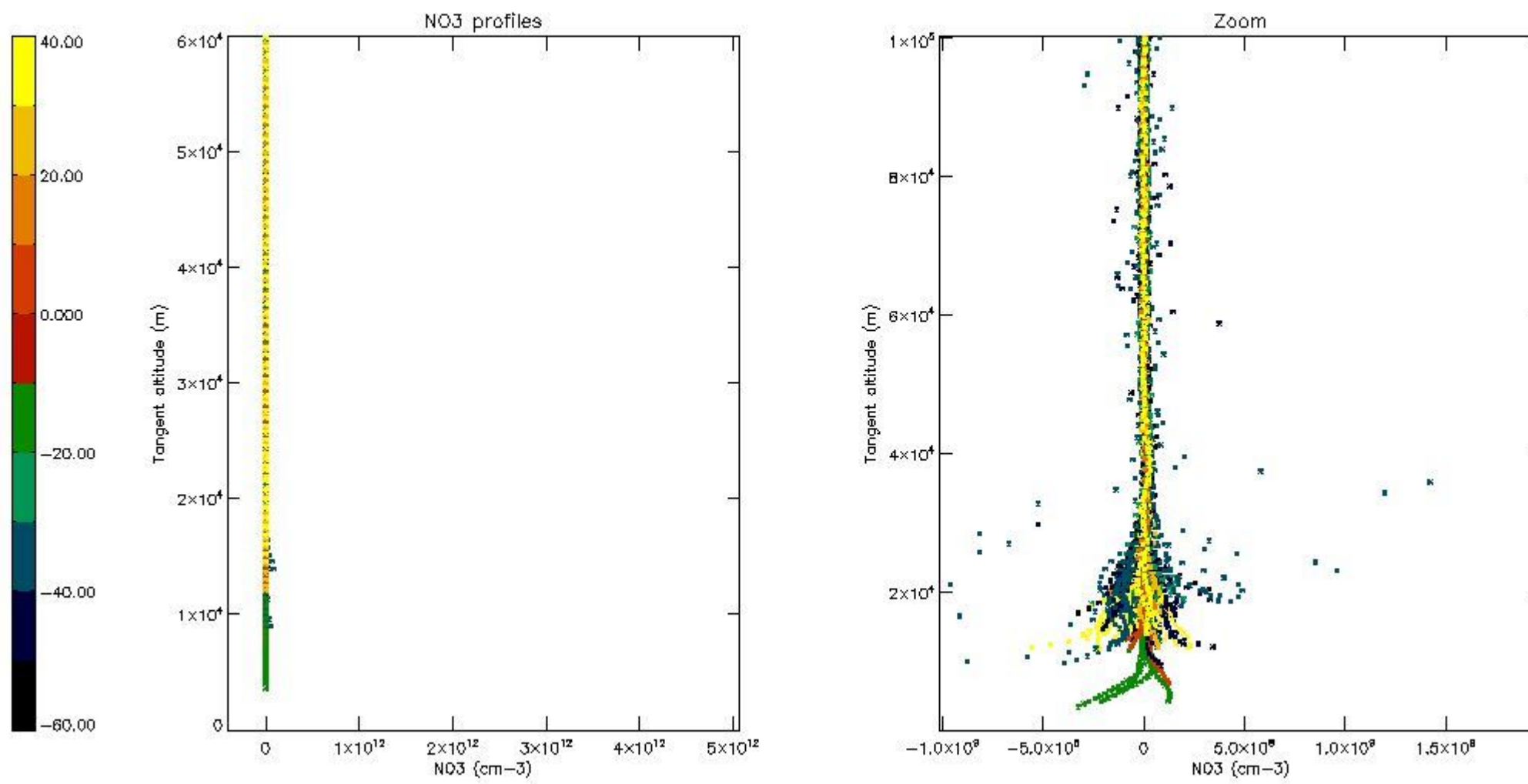
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



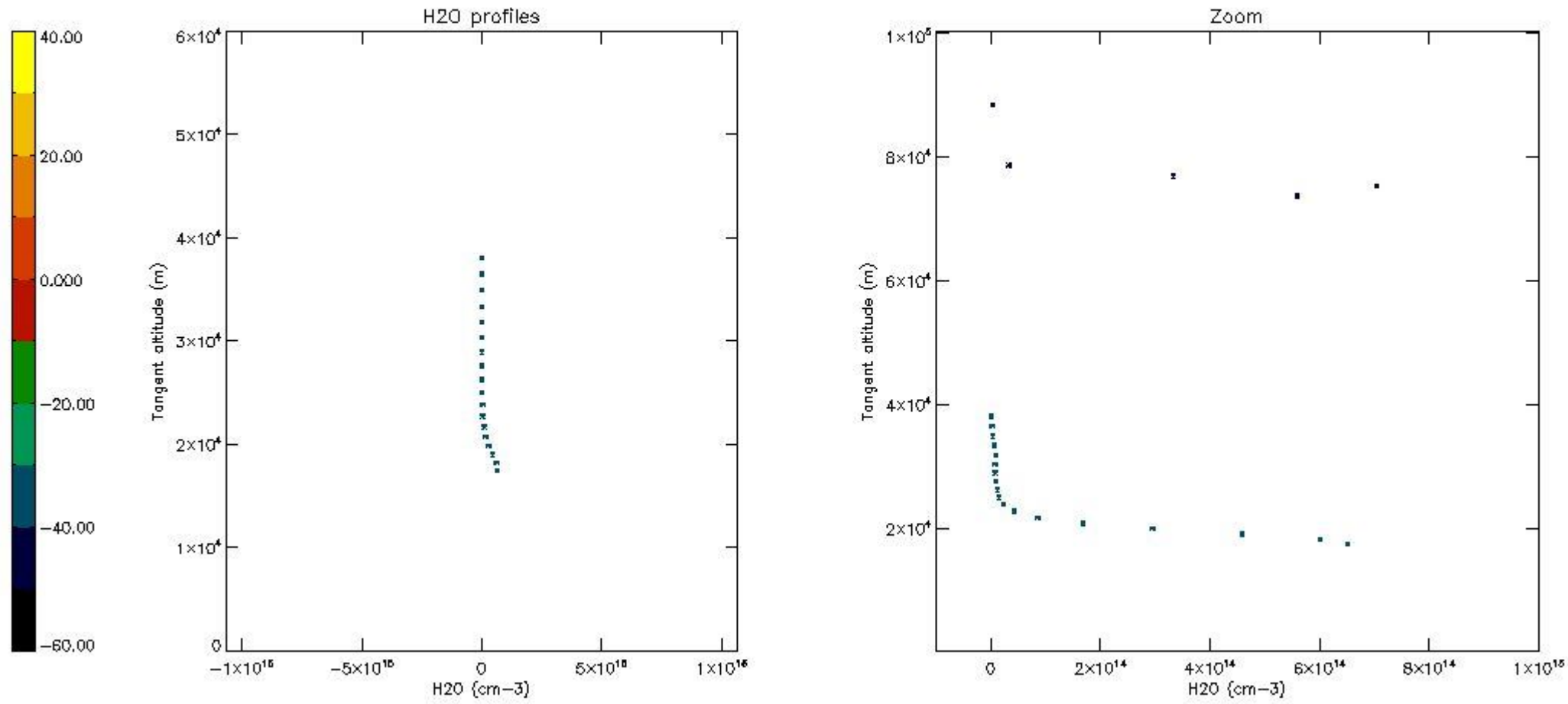
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

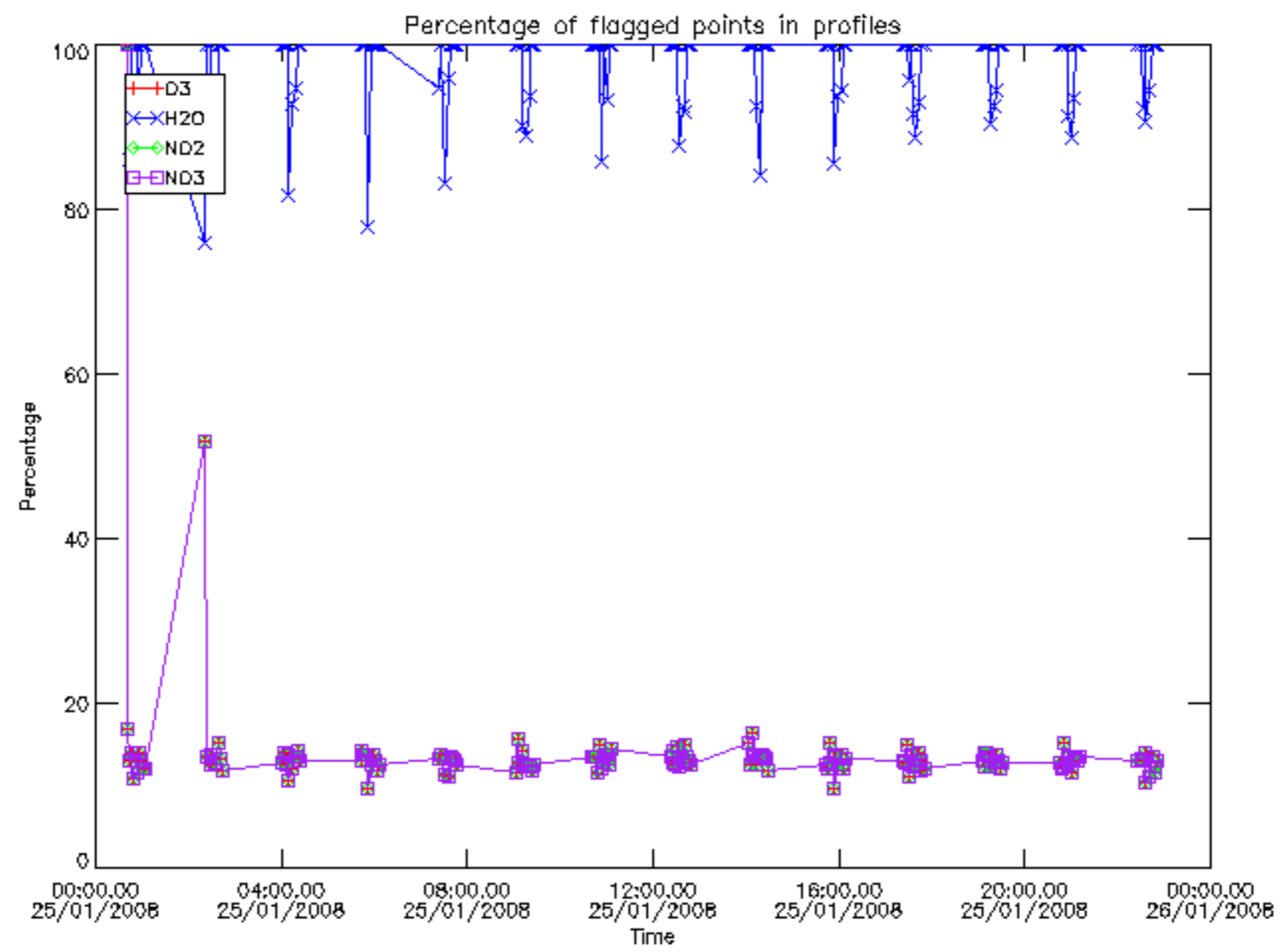
The colorbar represents the latitude.



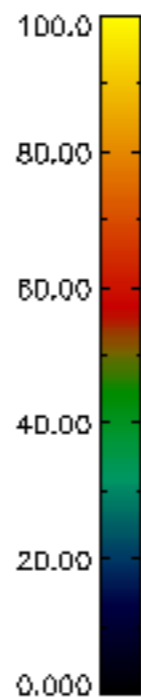
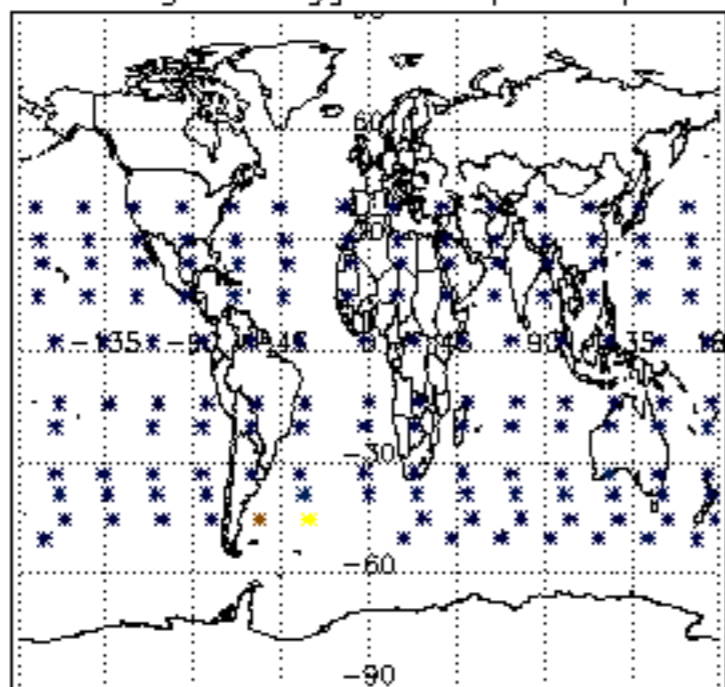
6. Auxiliary Data Files used for the production reported in section 2

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.

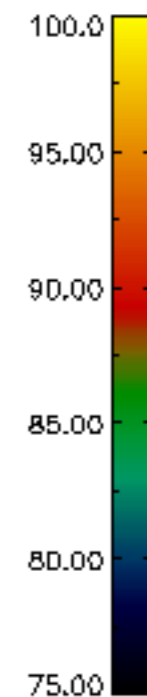
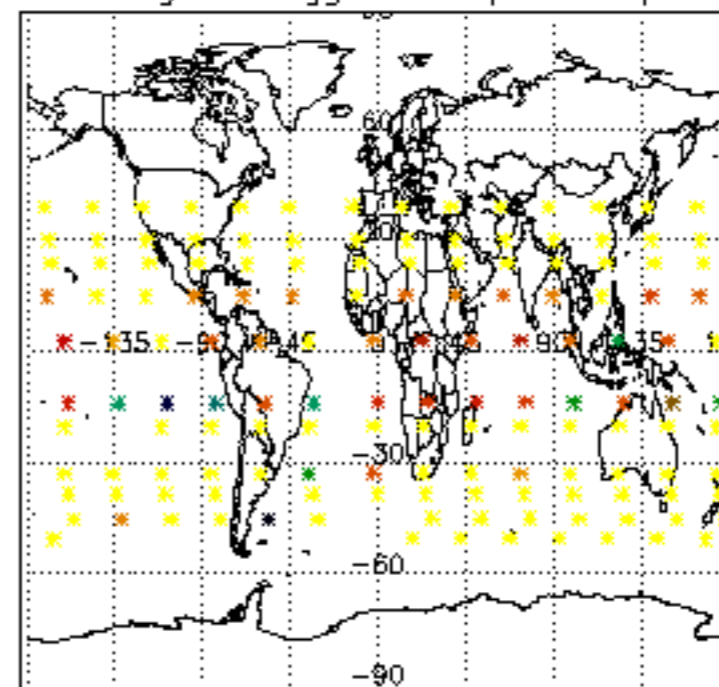
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-JAN-2008 00:02:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JAN-2008 00:02:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JAN-2008 00:02:43



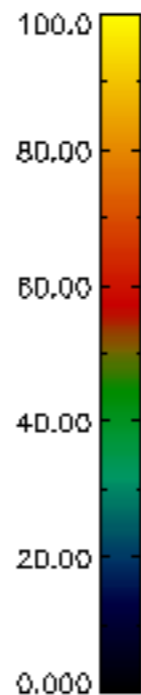
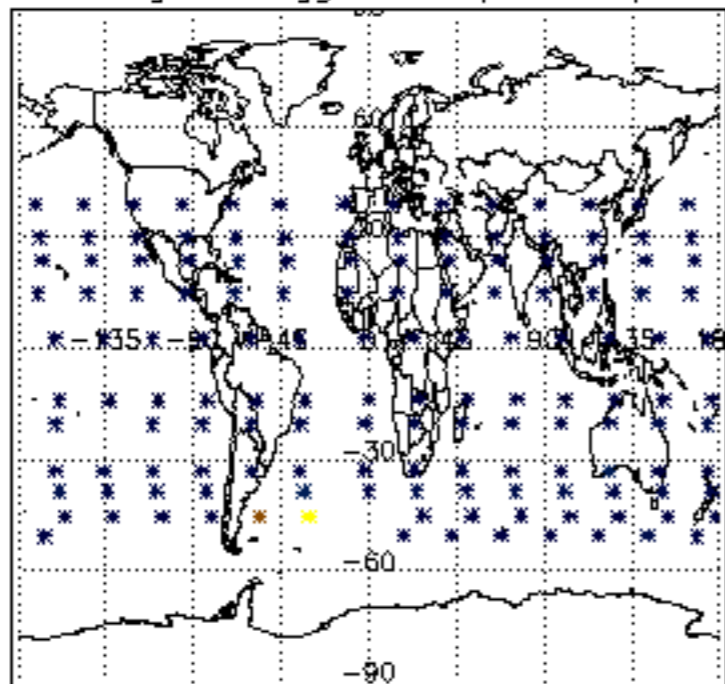
Percentage of flagged data per D3 profile



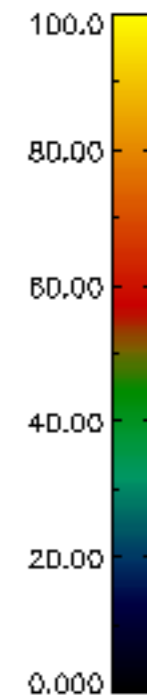
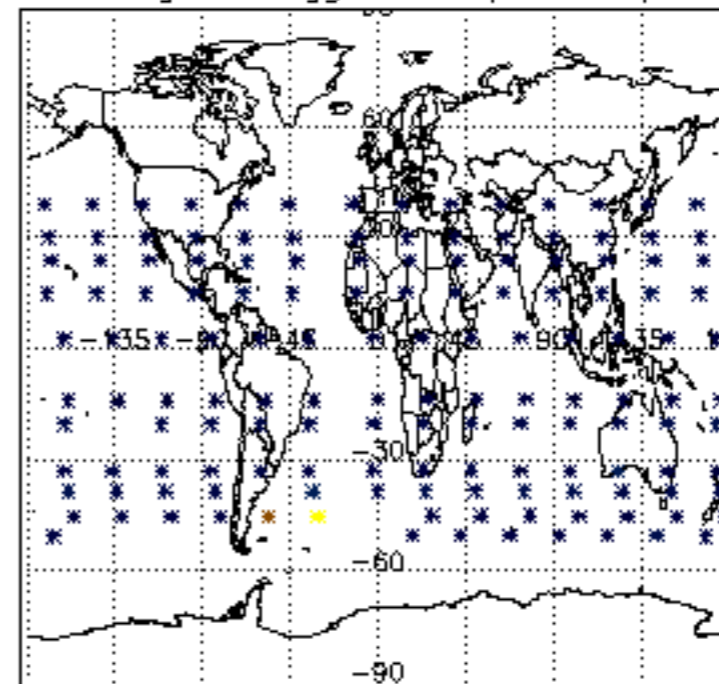
Percentage of flagged data per H2O profile

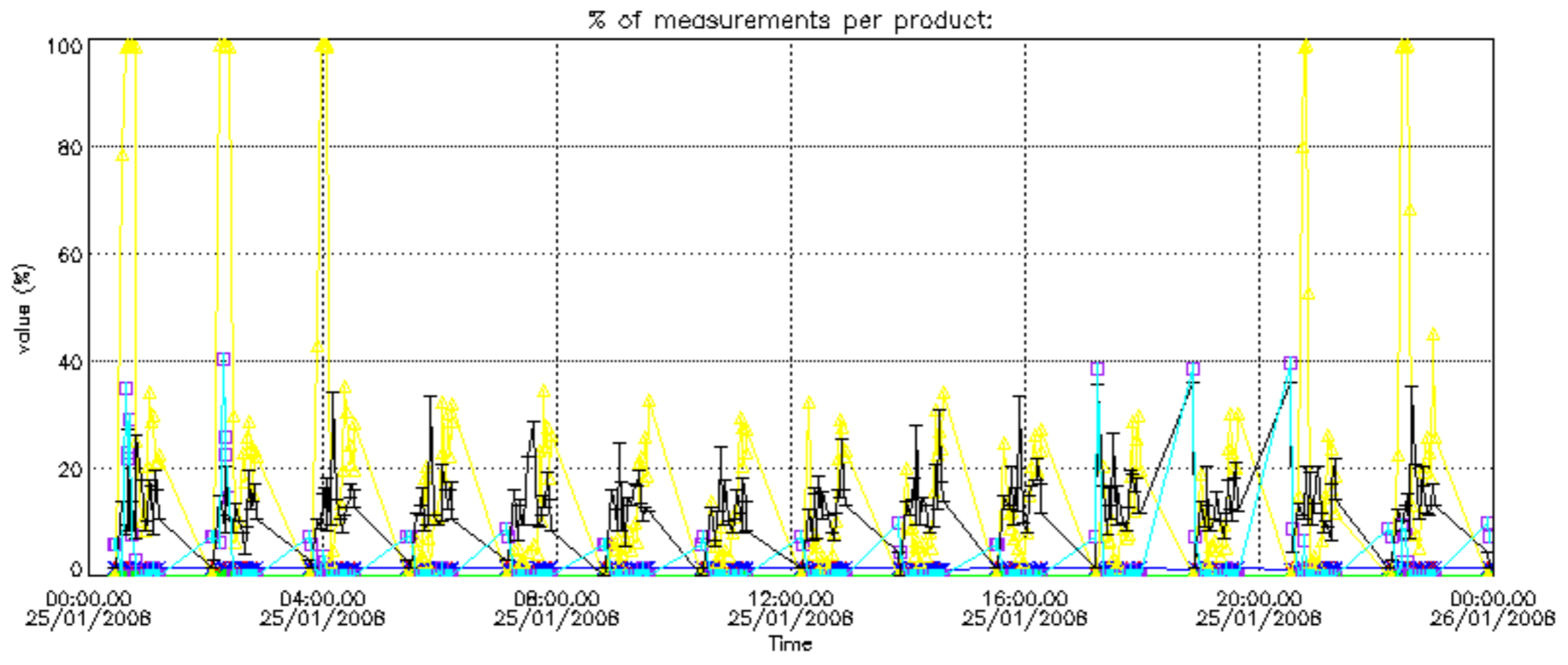


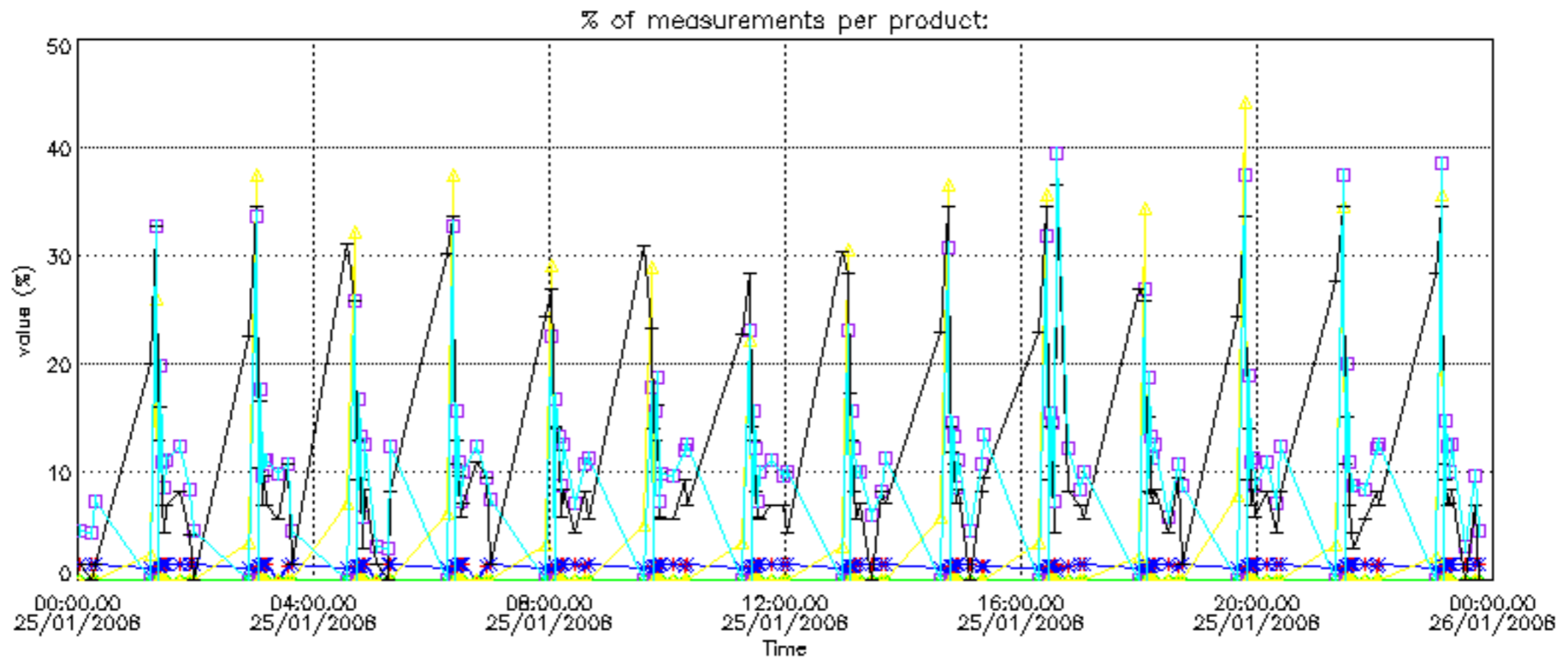
Percentage of flagged data per NO2 profile



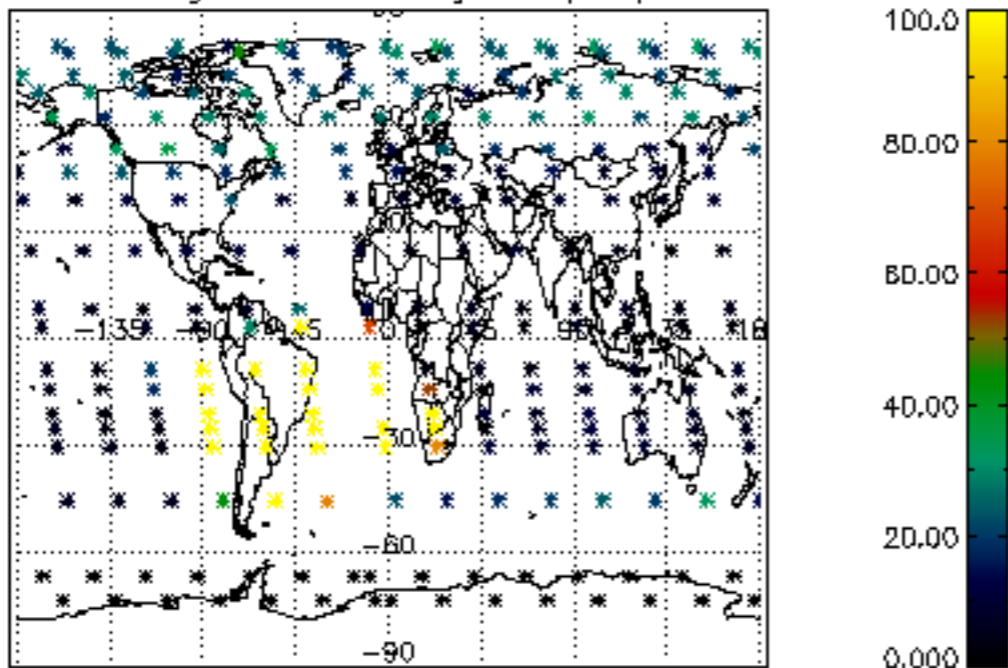
Percentage of flagged data per NO3 profile



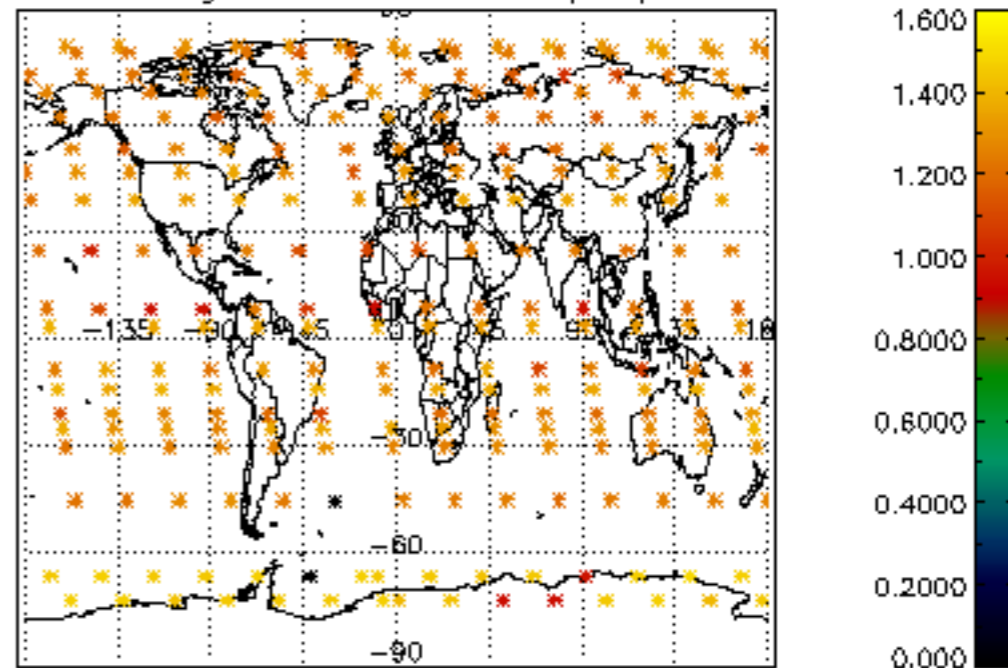




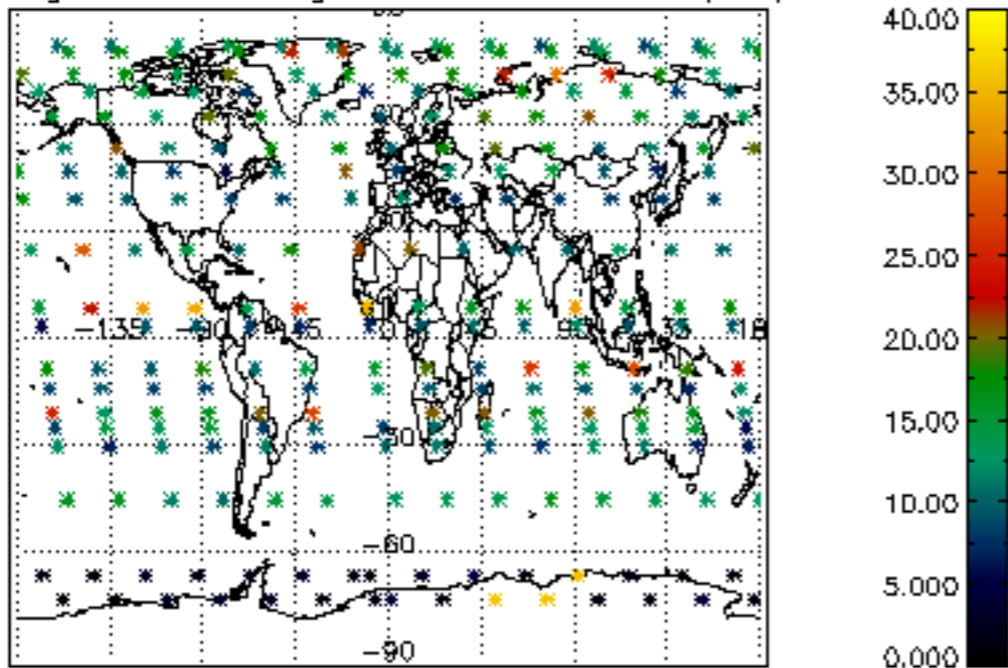
Percentage of cosmic ray hits per profile



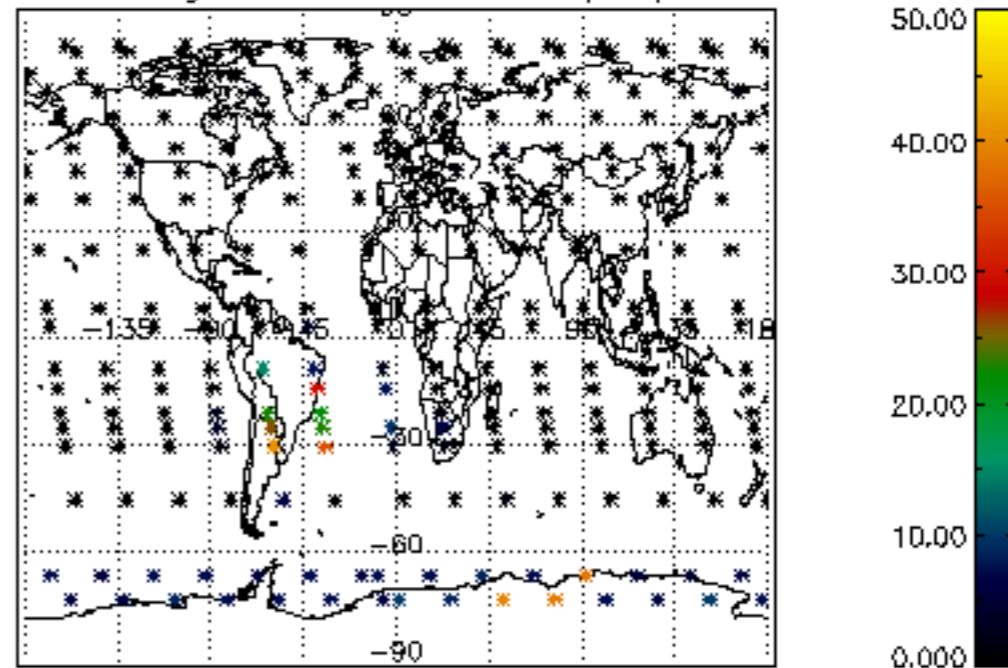
Percentage of datation errors per profile



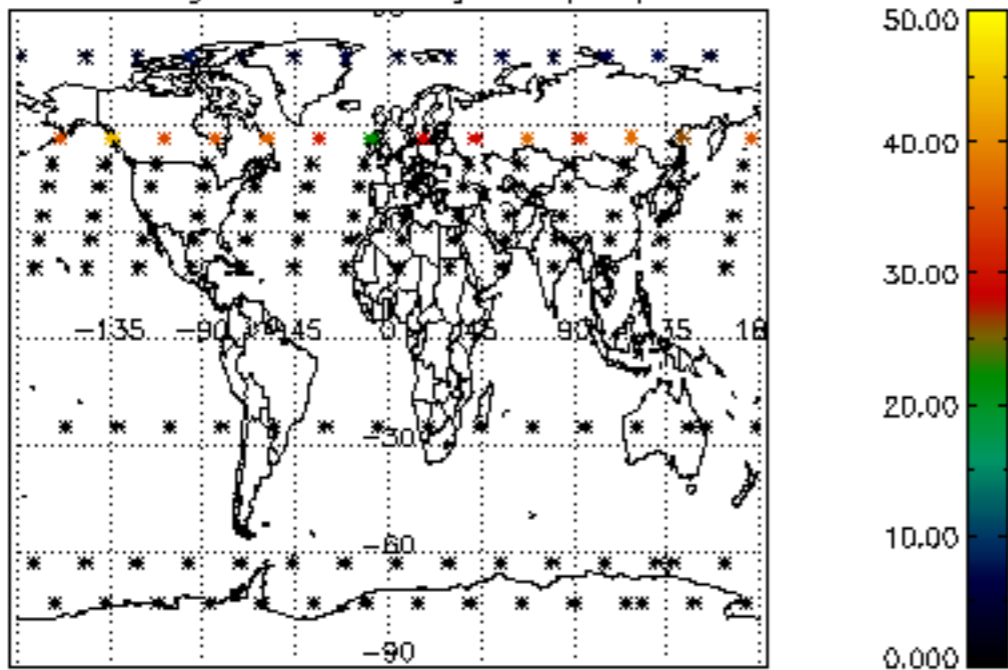
Percentage of star falling outside central band per profile



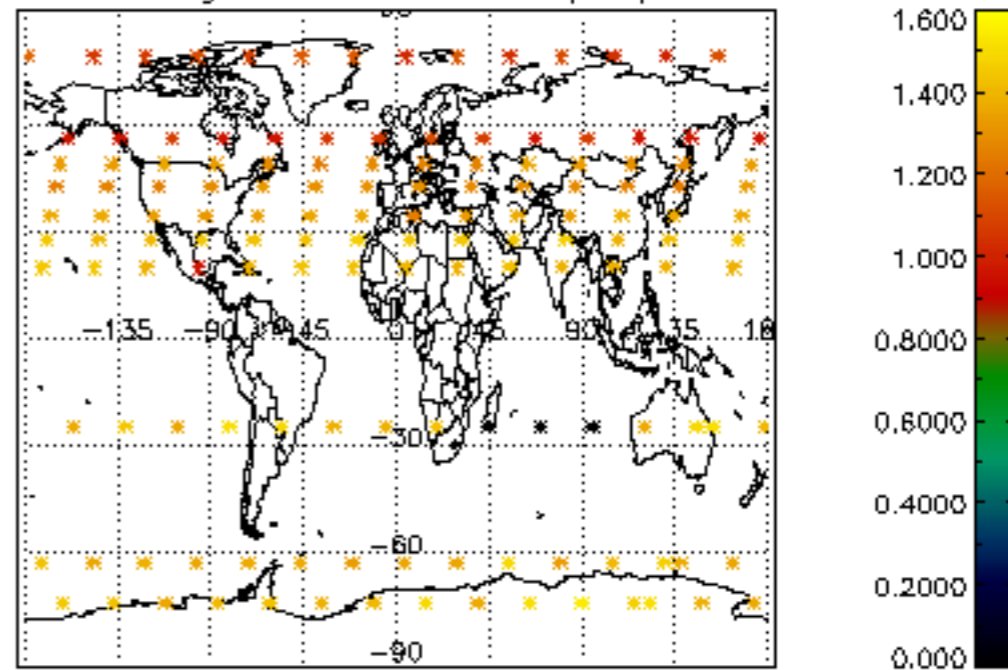
Percentage of saturation errors per profile



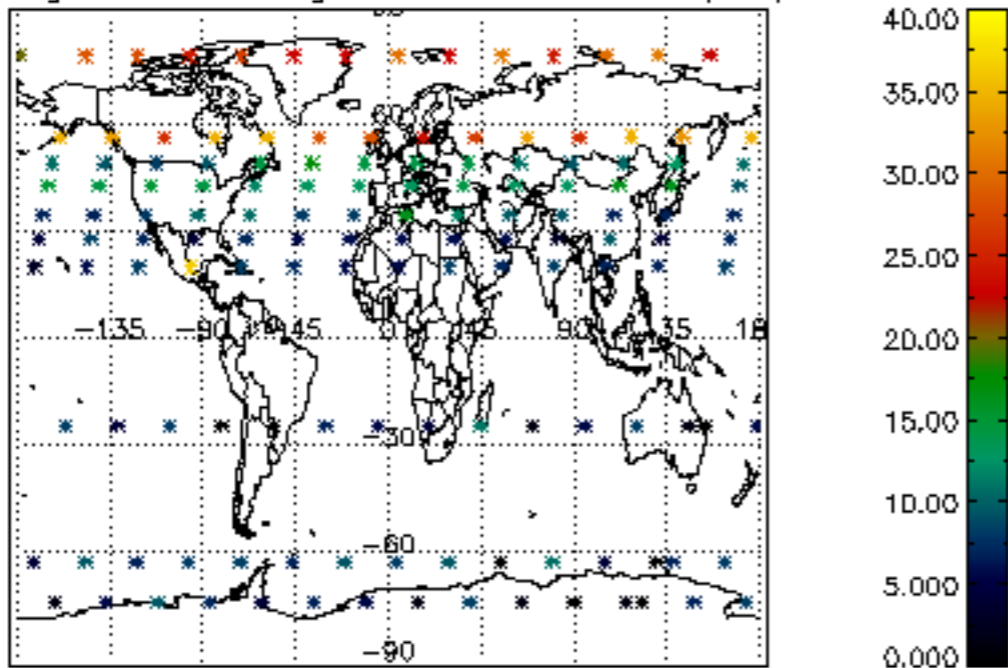
Percentage of cosmic ray hits per profile



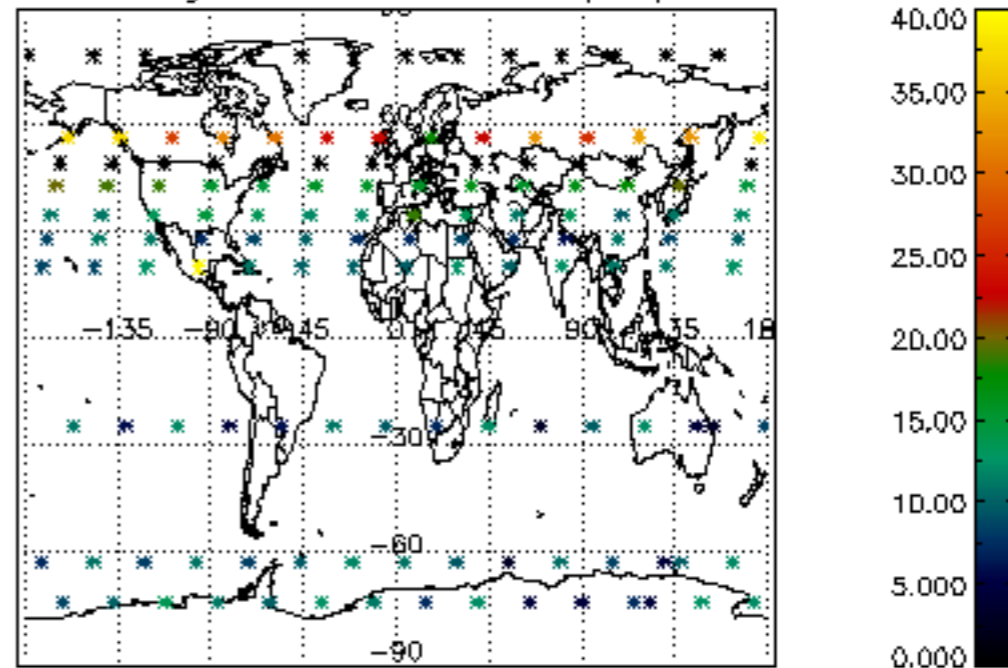
Percentage of datation errors per profile

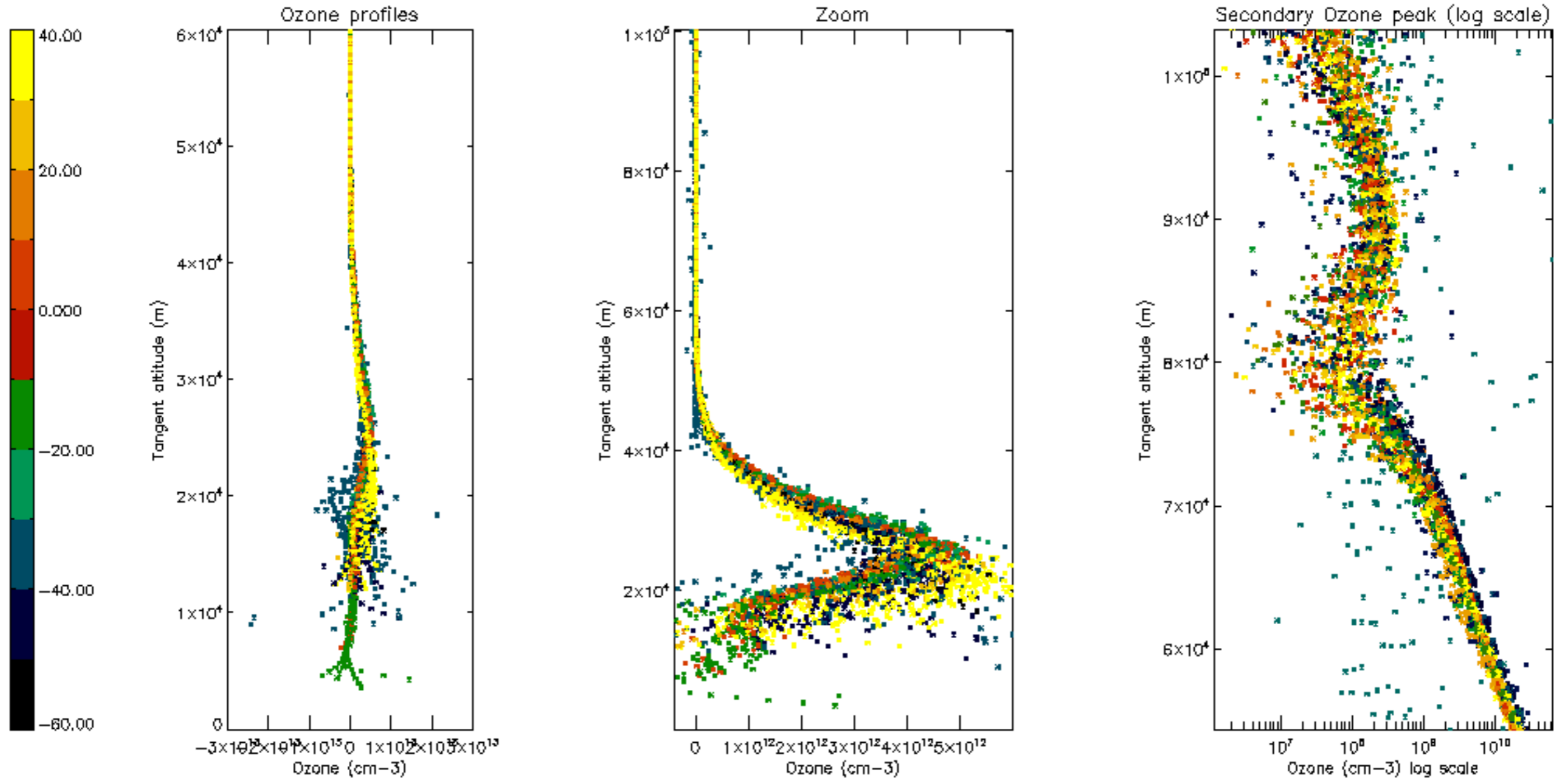


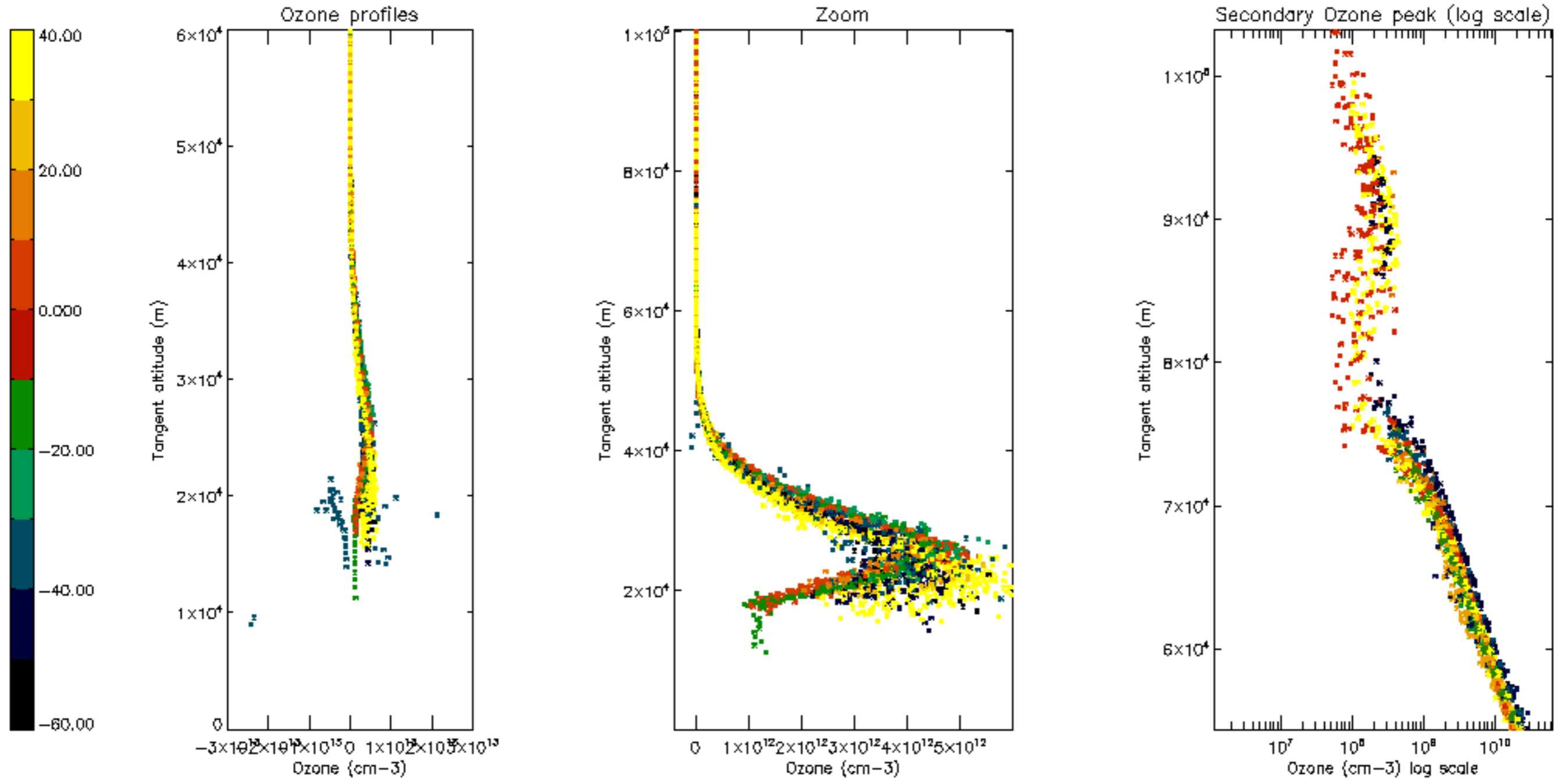
Percentage of star falling outside central band per profile

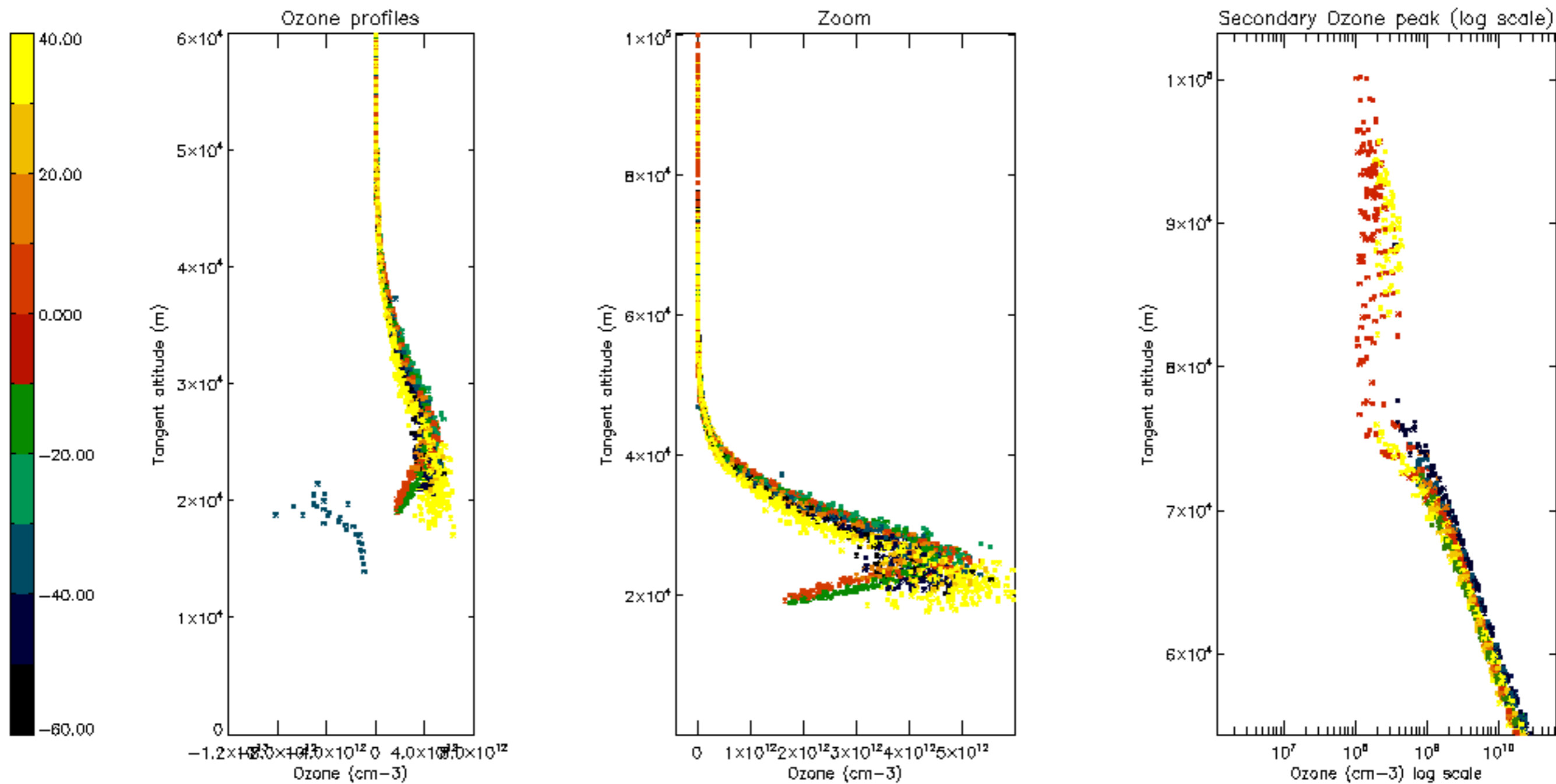


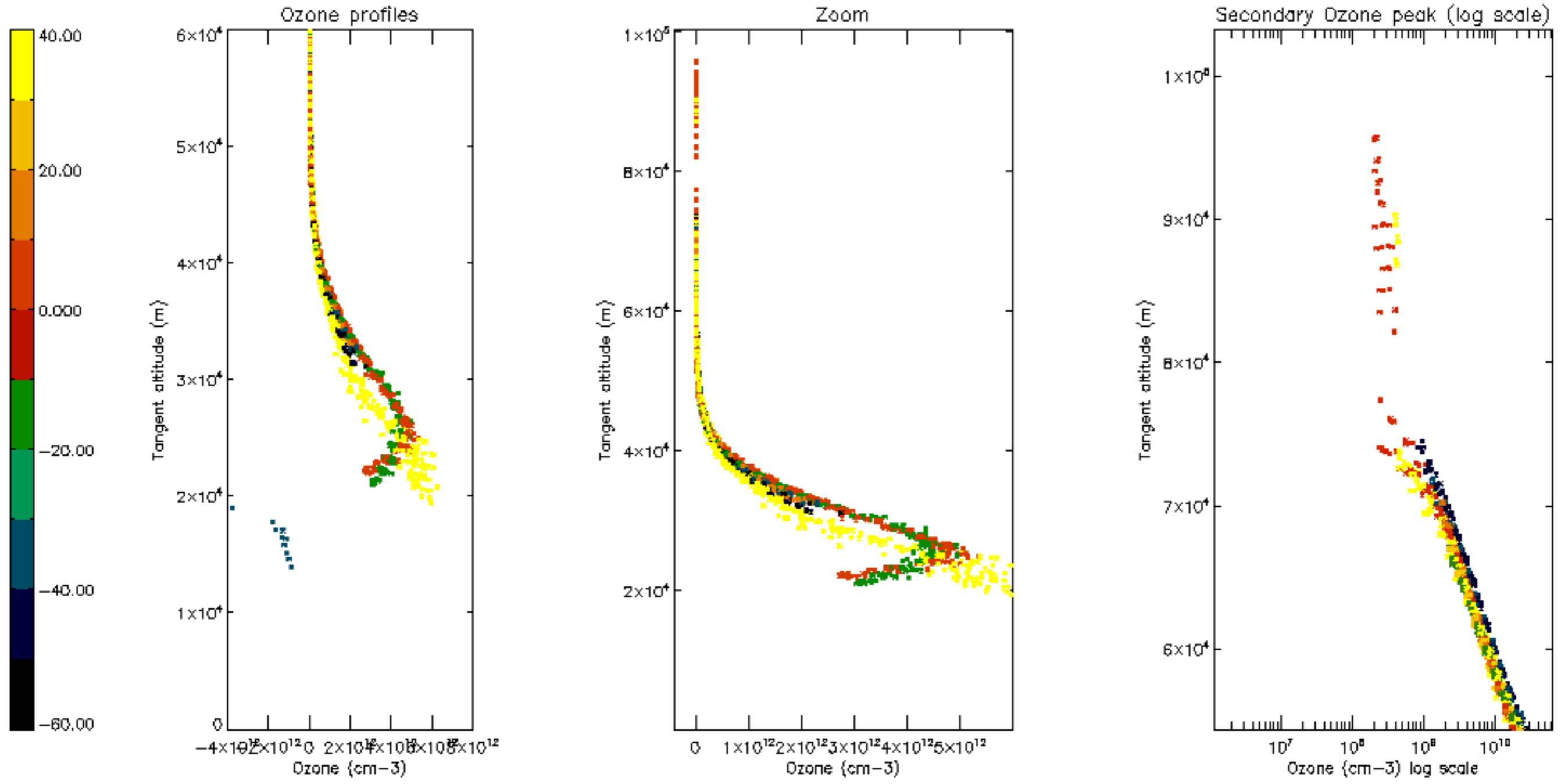
Percentage of saturation errors per profile

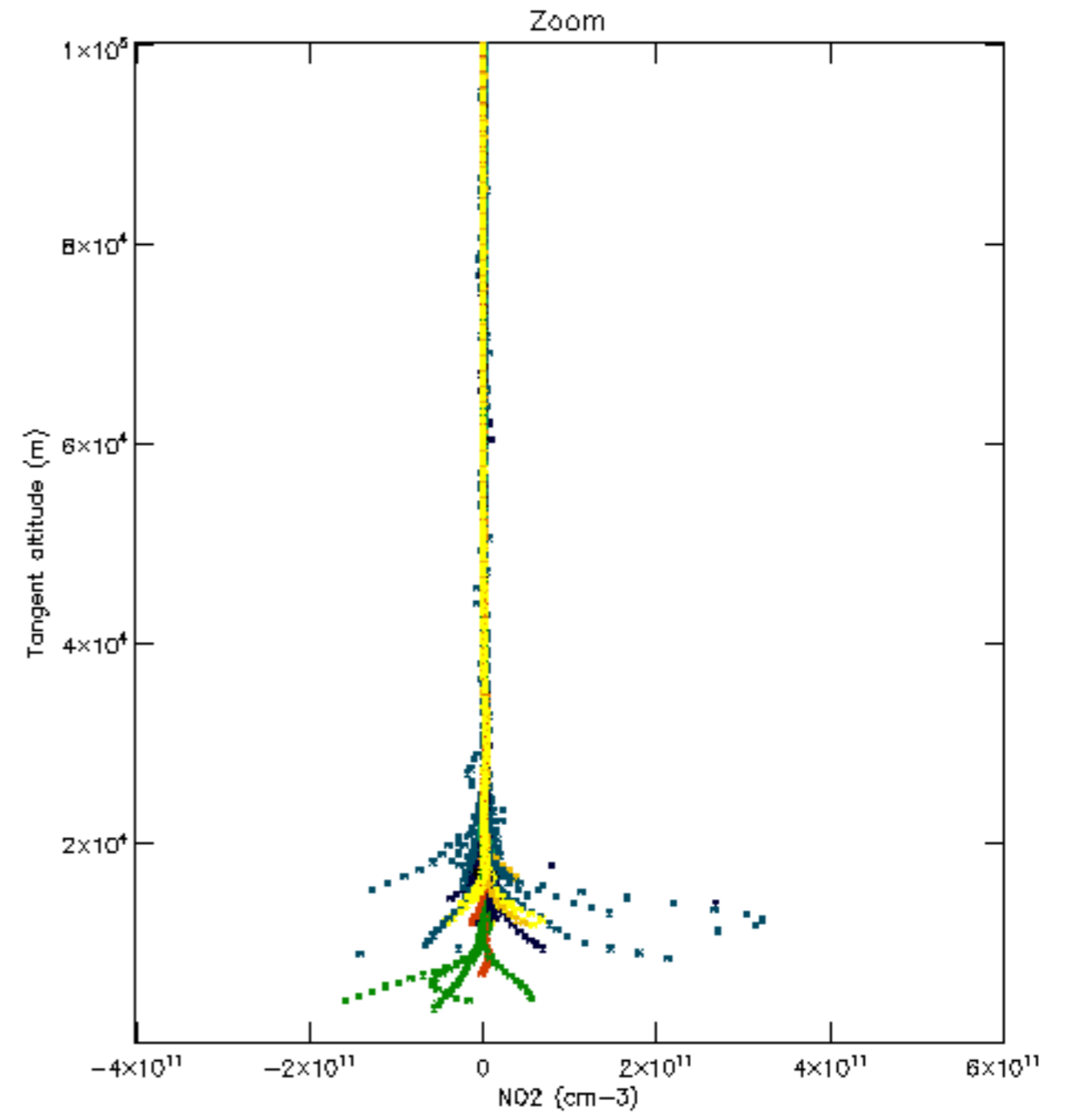
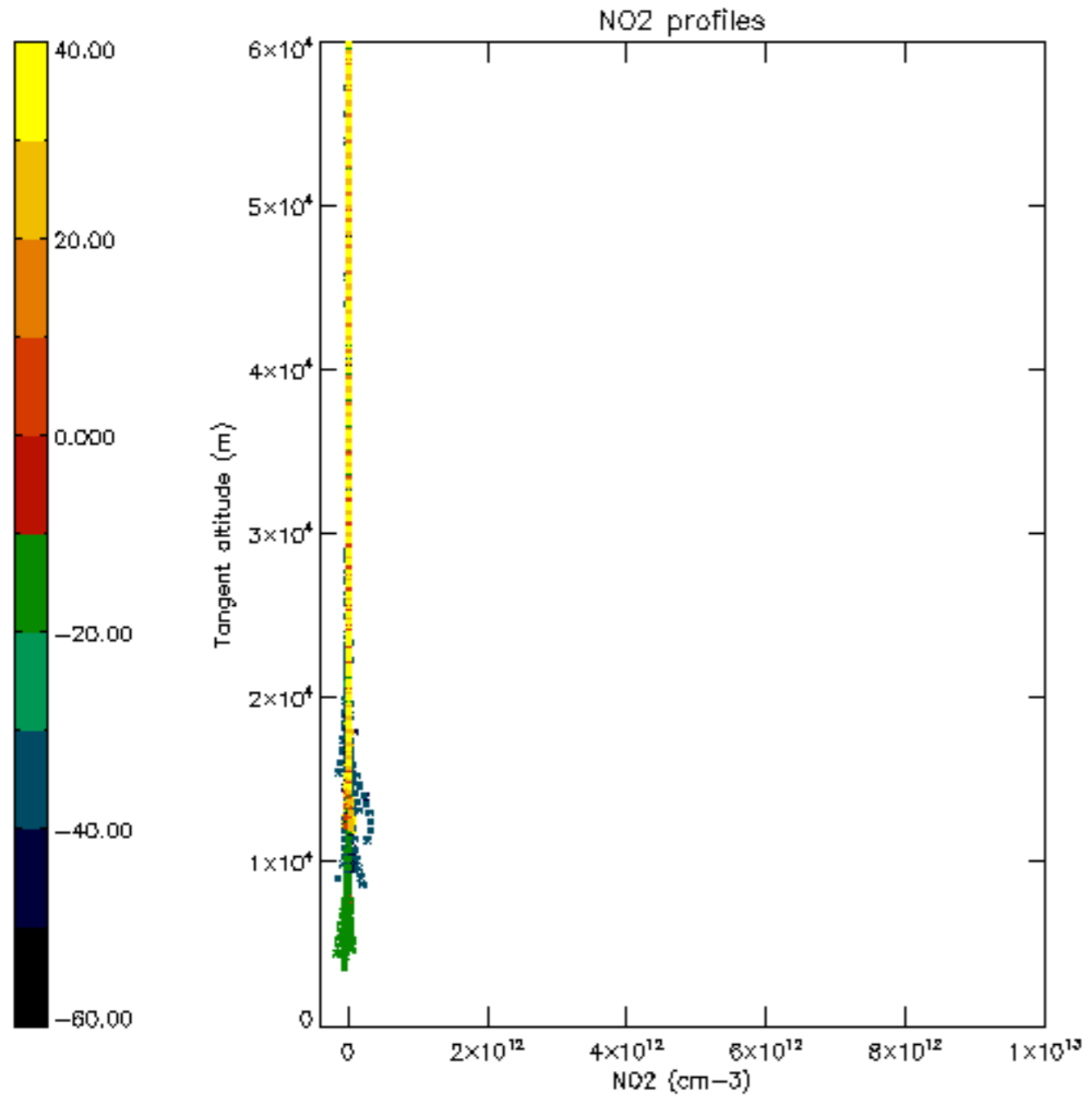


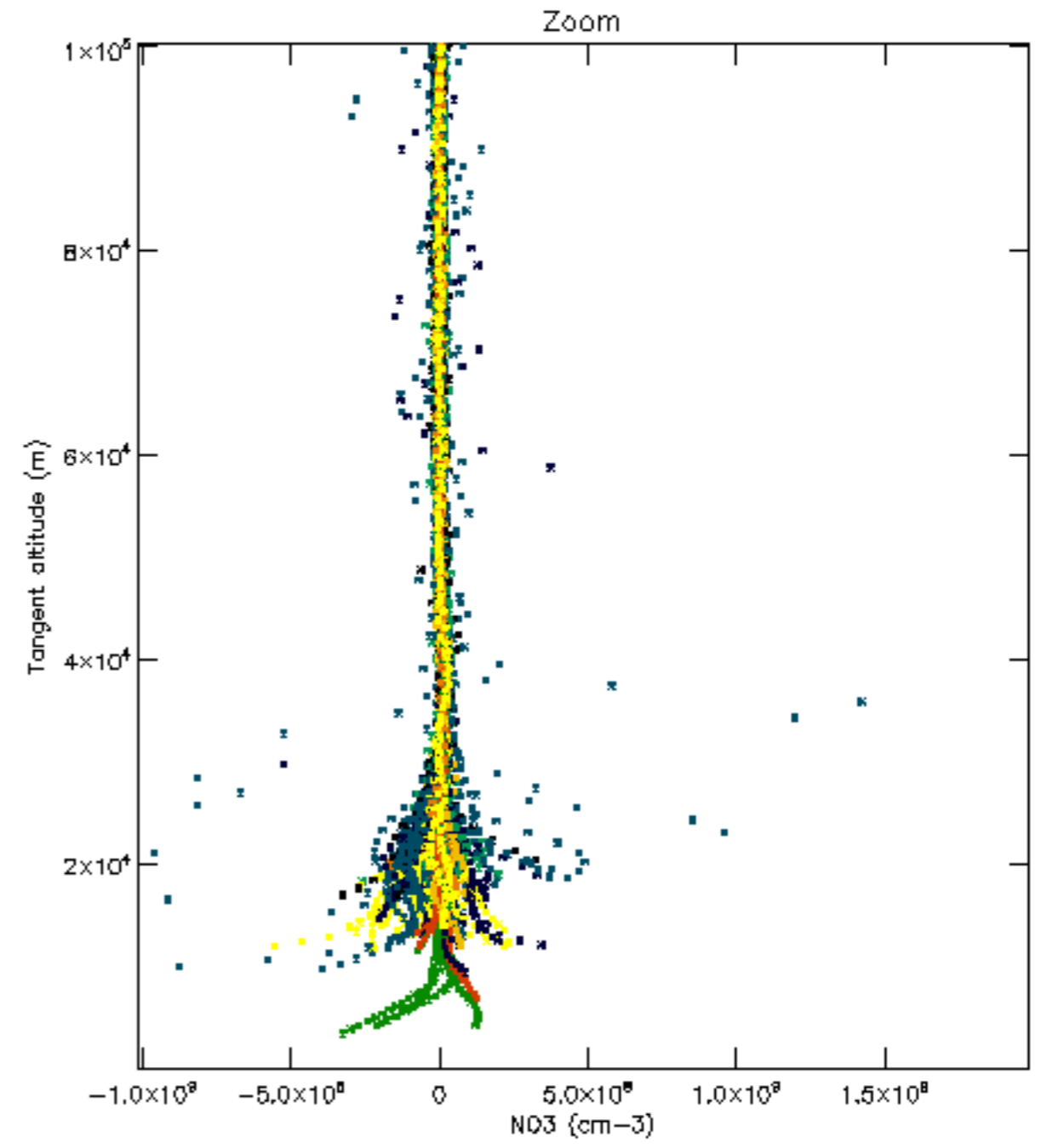
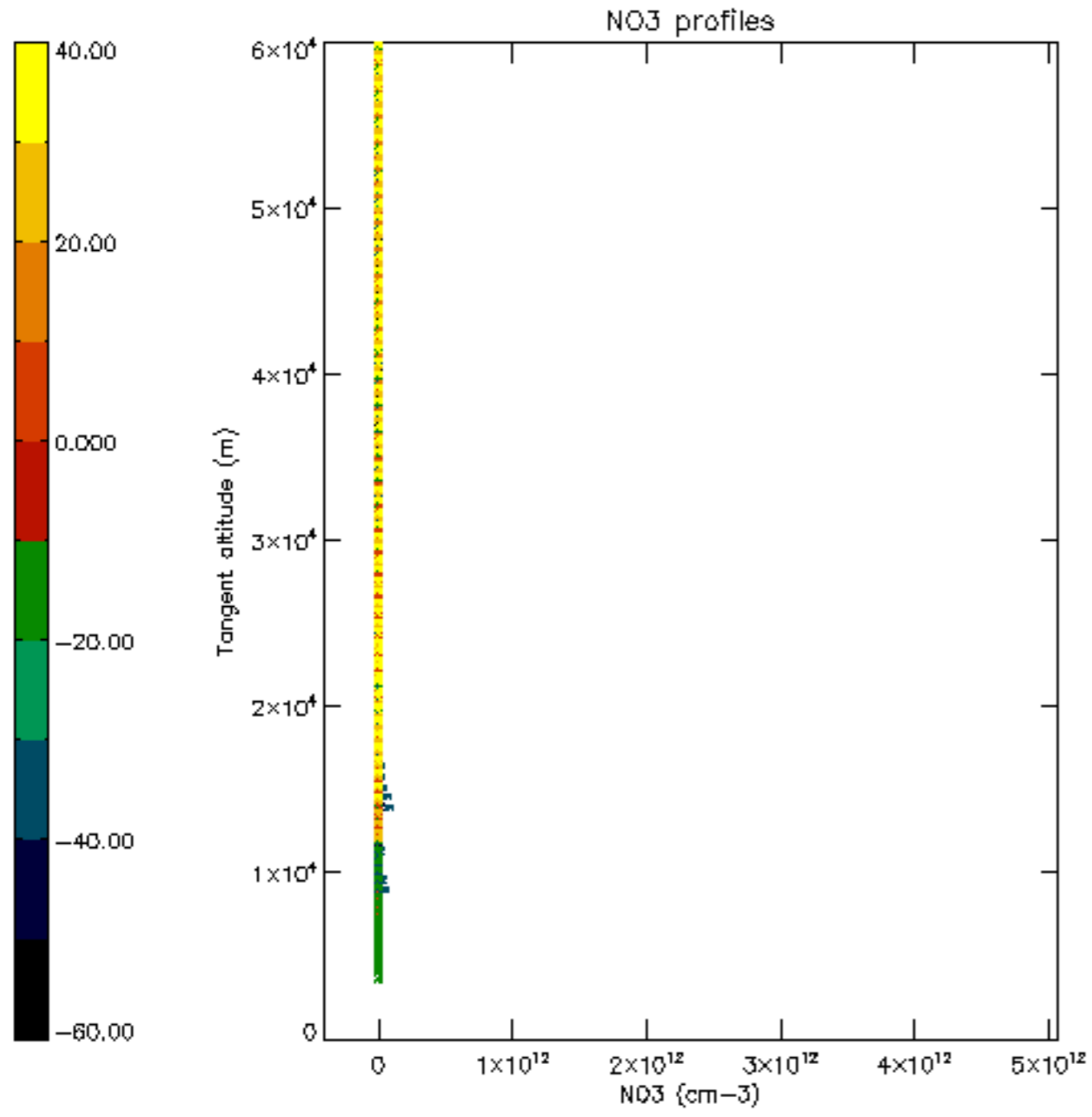


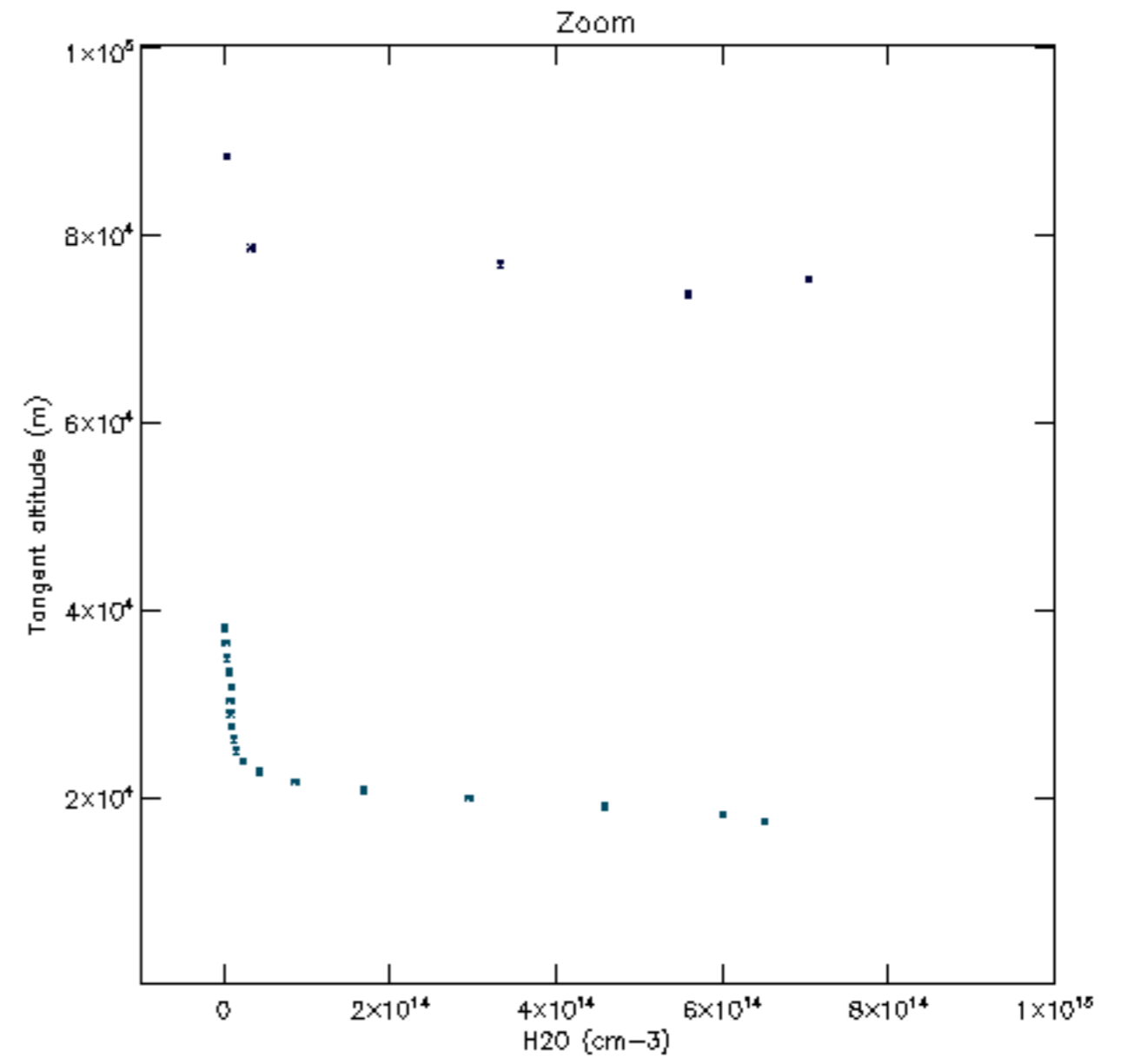
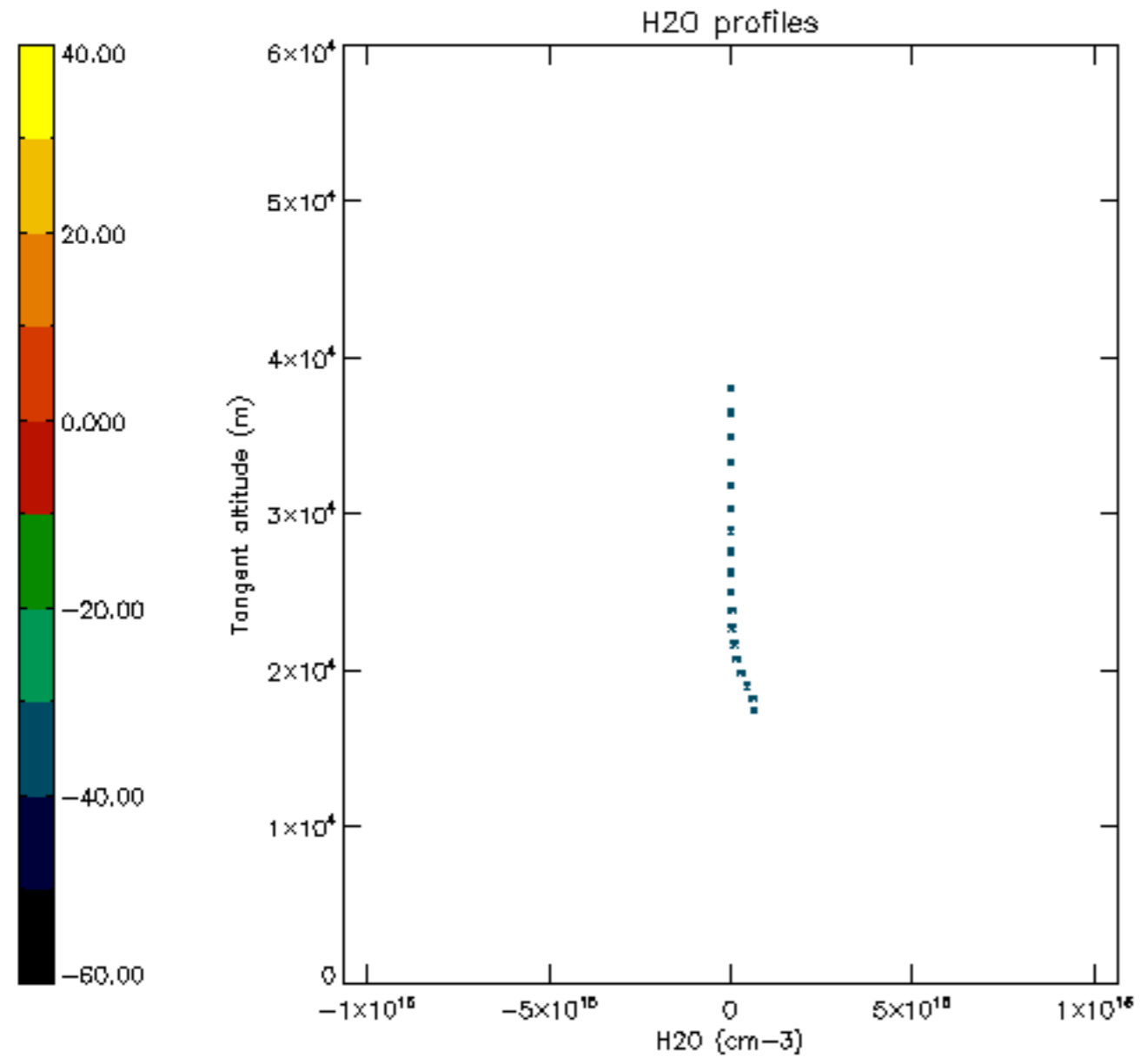


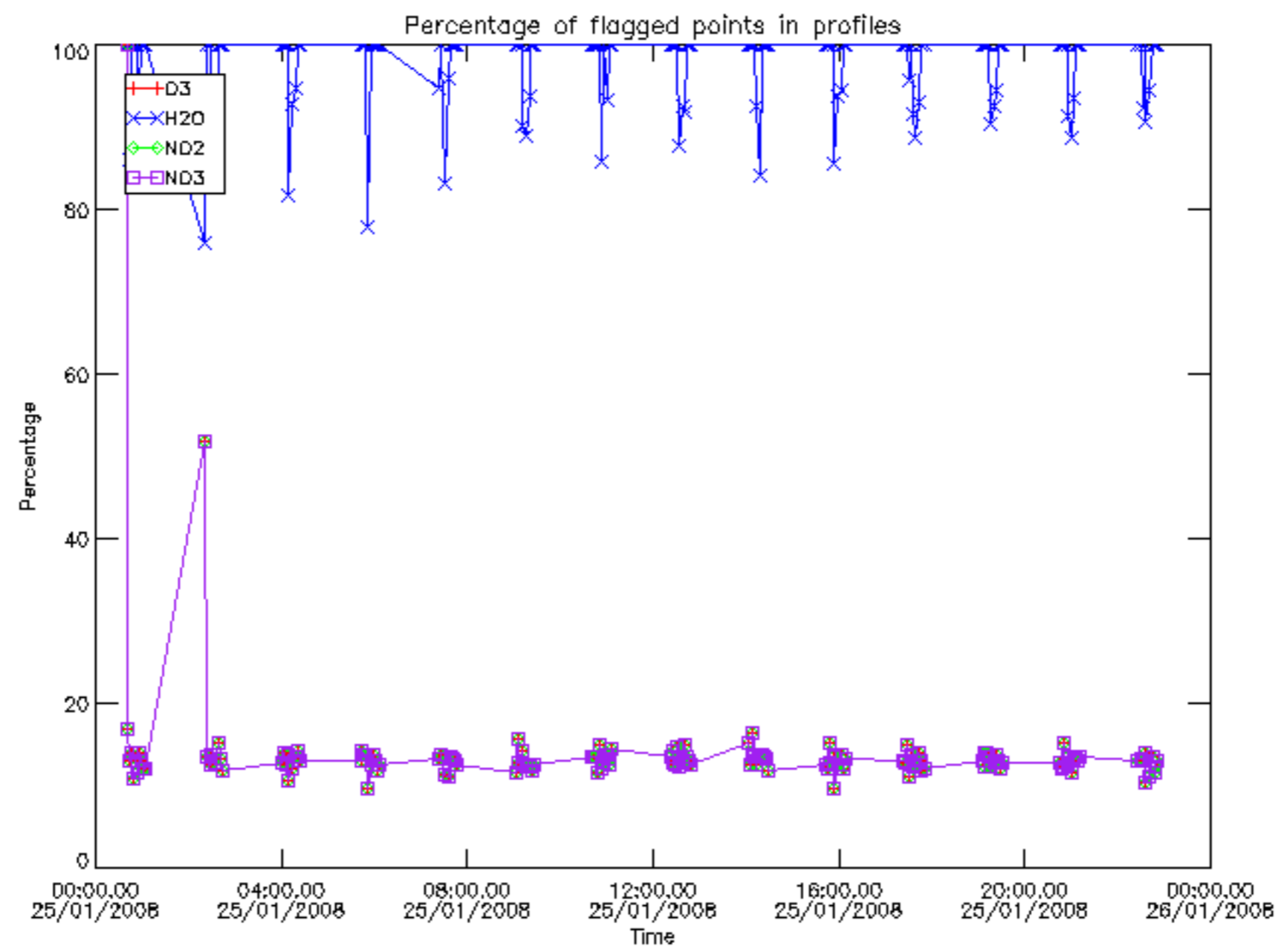




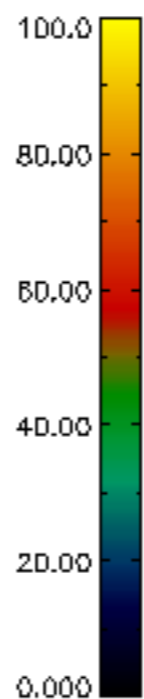
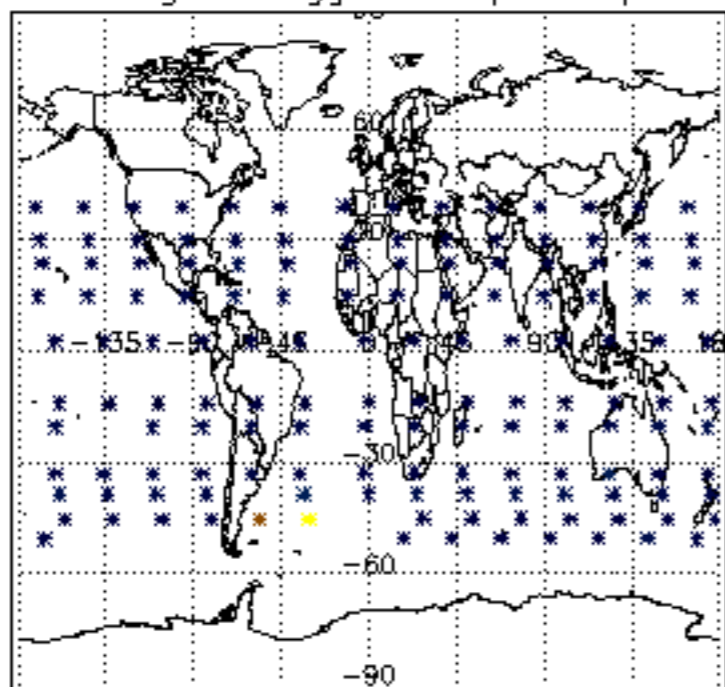




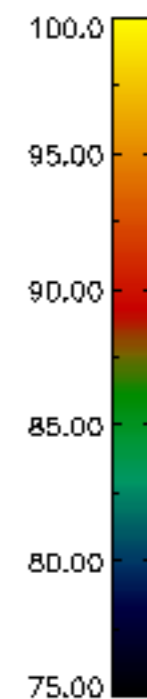
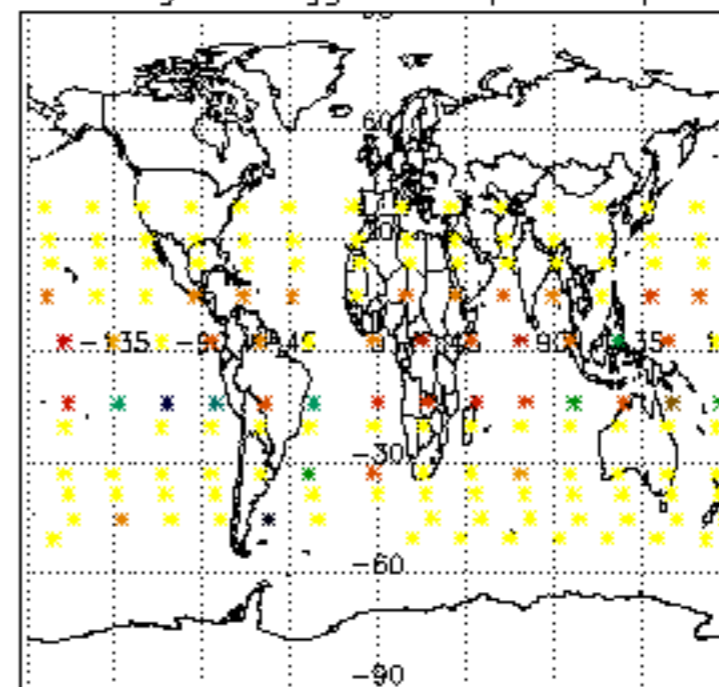




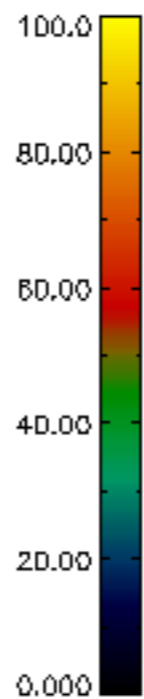
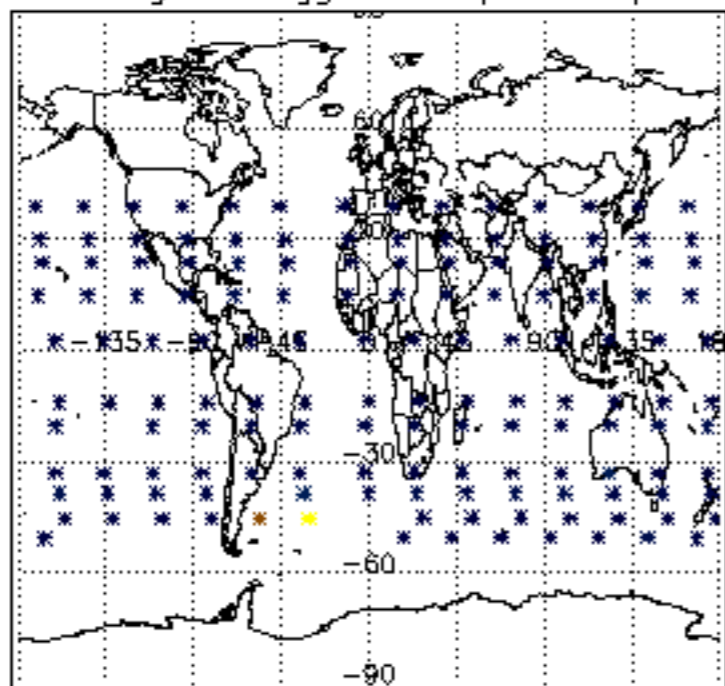
Percentage of flagged data per D3 profile



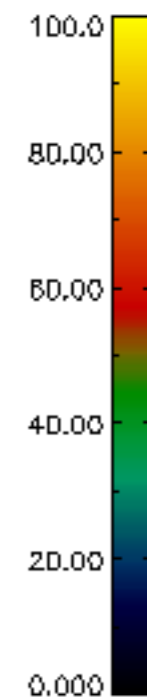
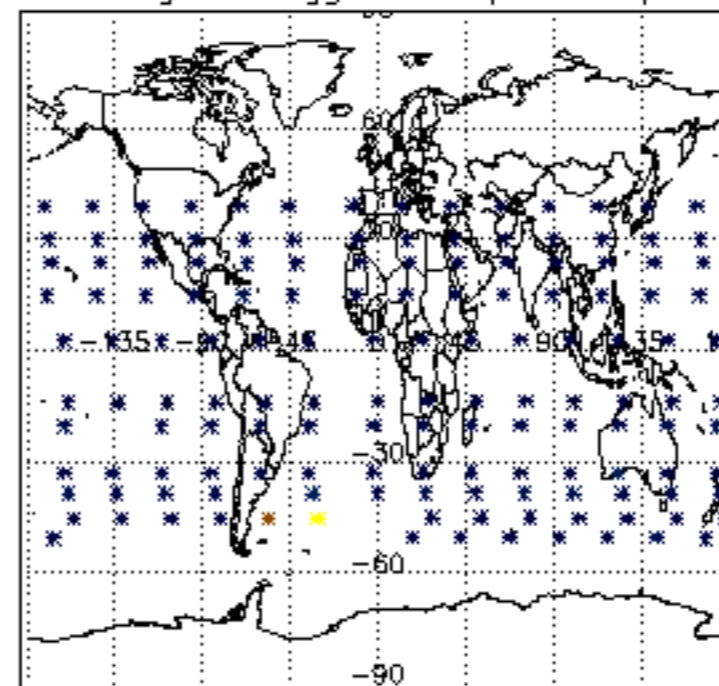
Percentage of flagged data per H2O profile

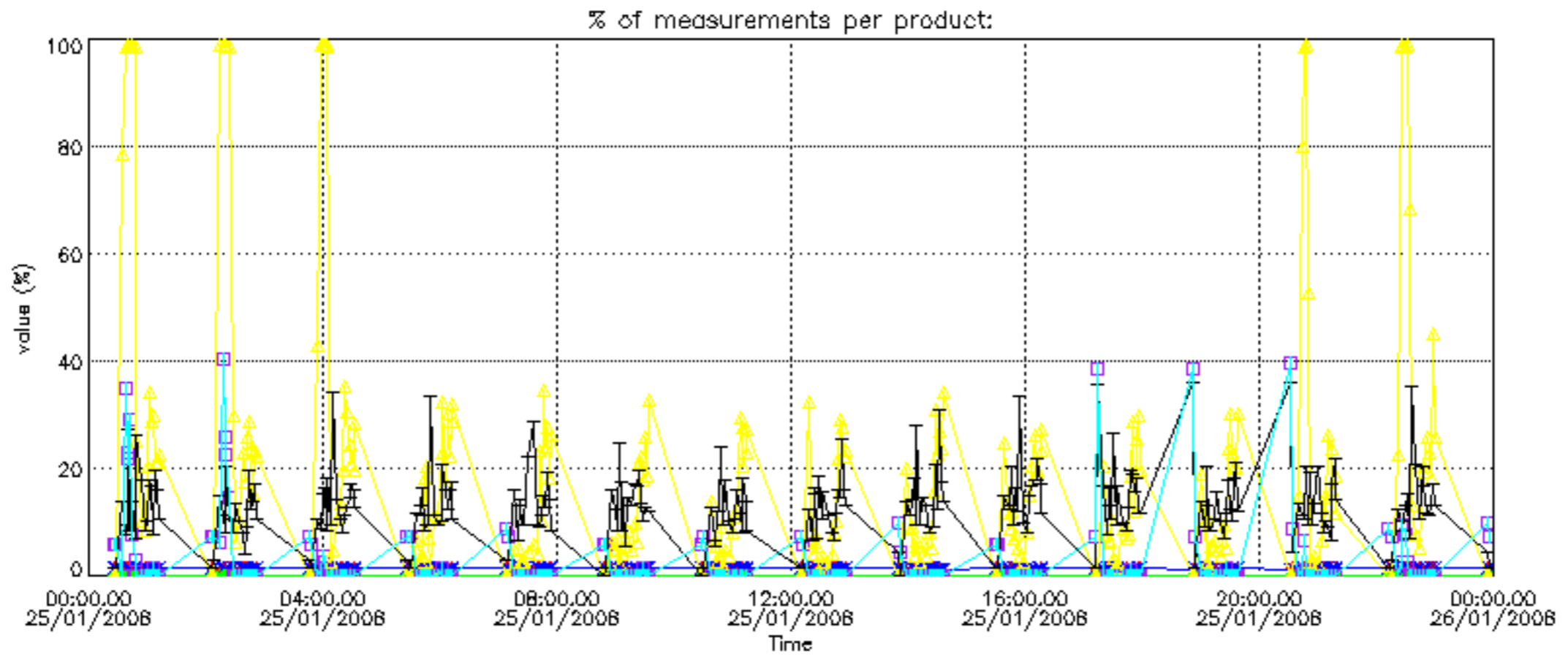


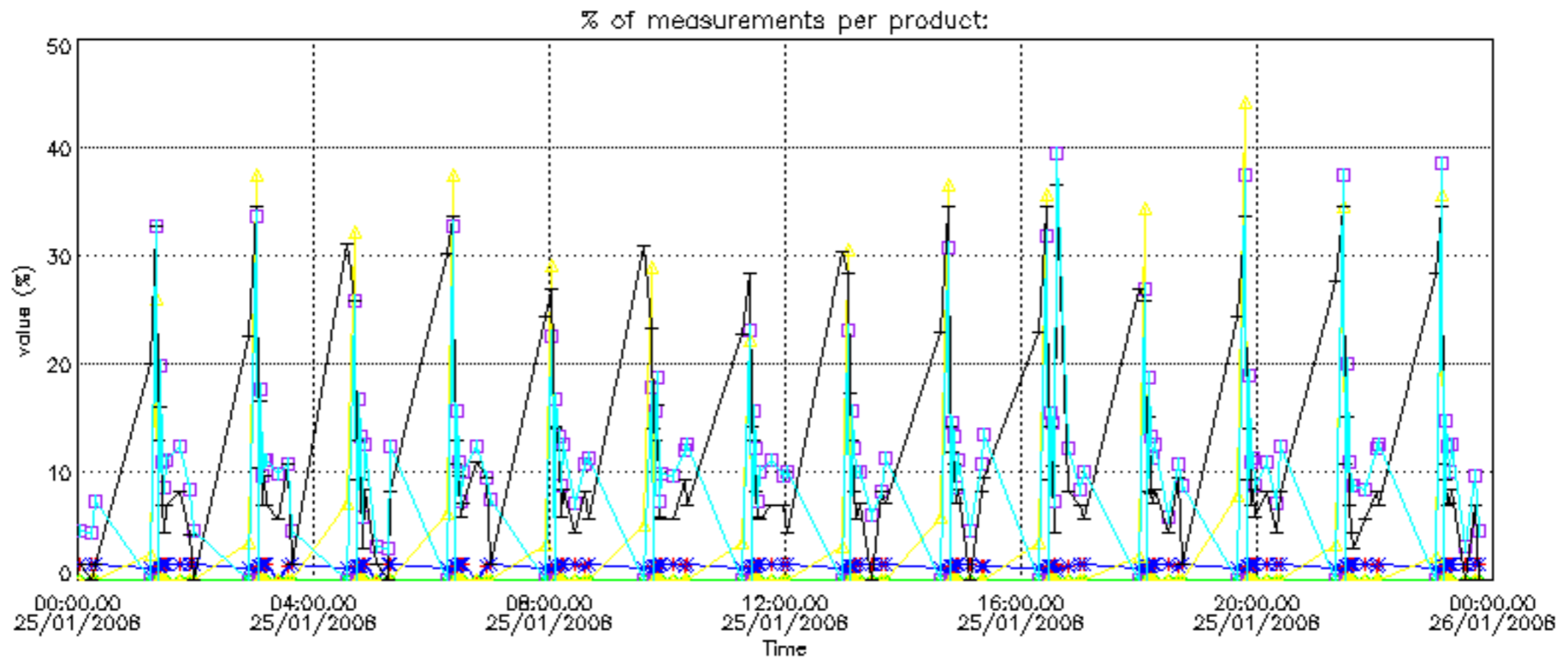
Percentage of flagged data per NO2 profile



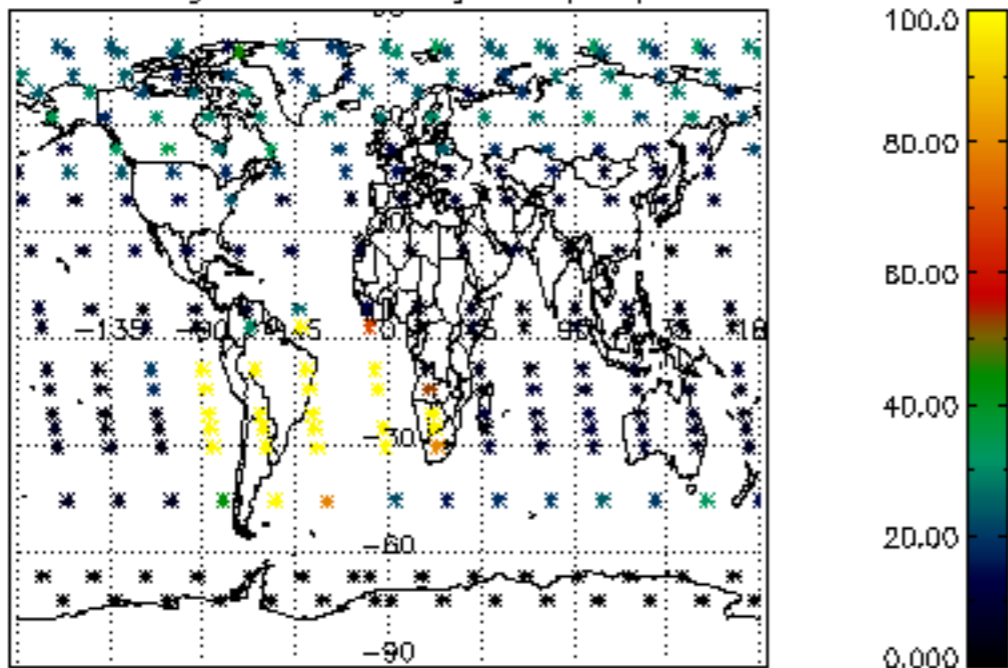
Percentage of flagged data per NO3 profile



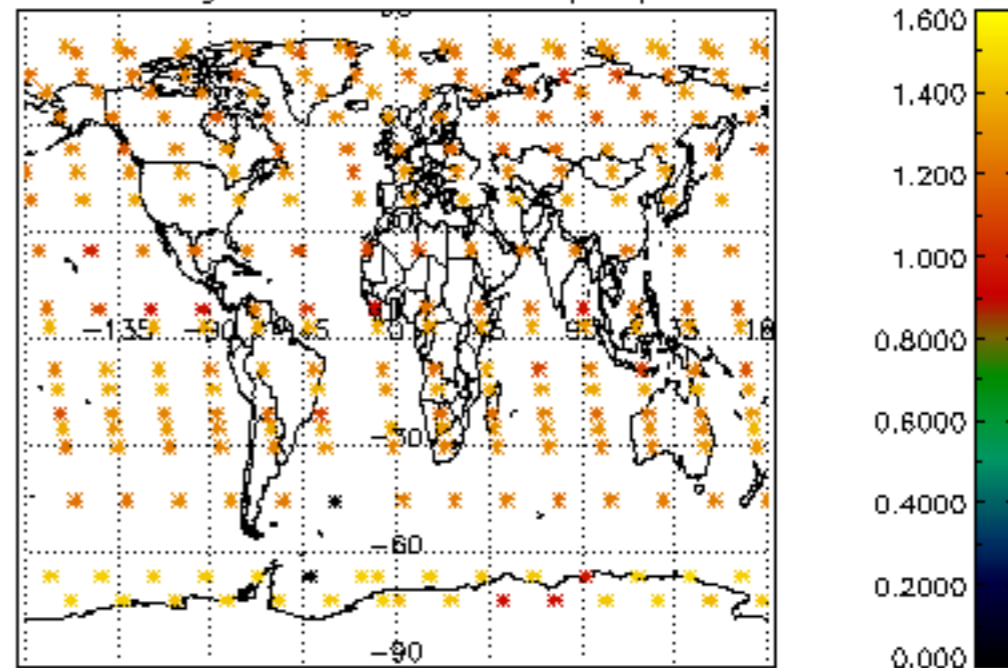




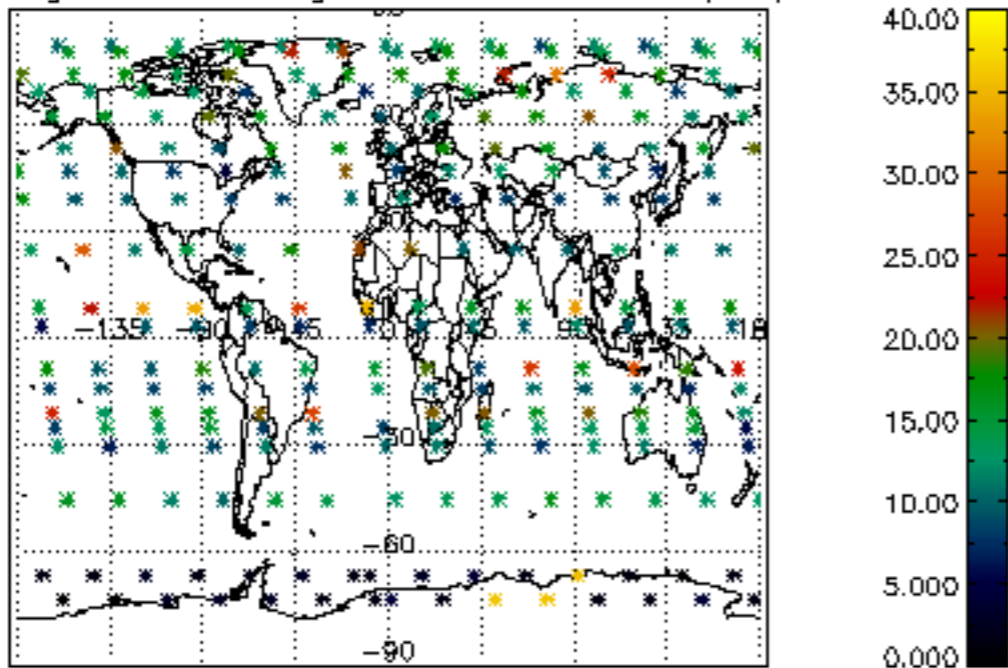
Percentage of cosmic ray hits per profile



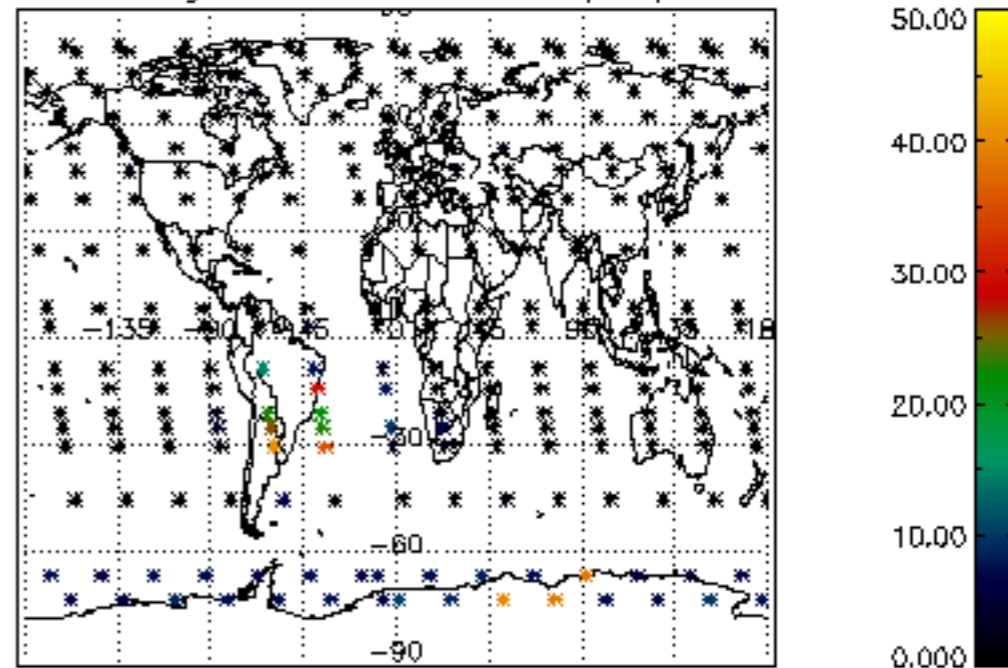
Percentage of datation errors per profile



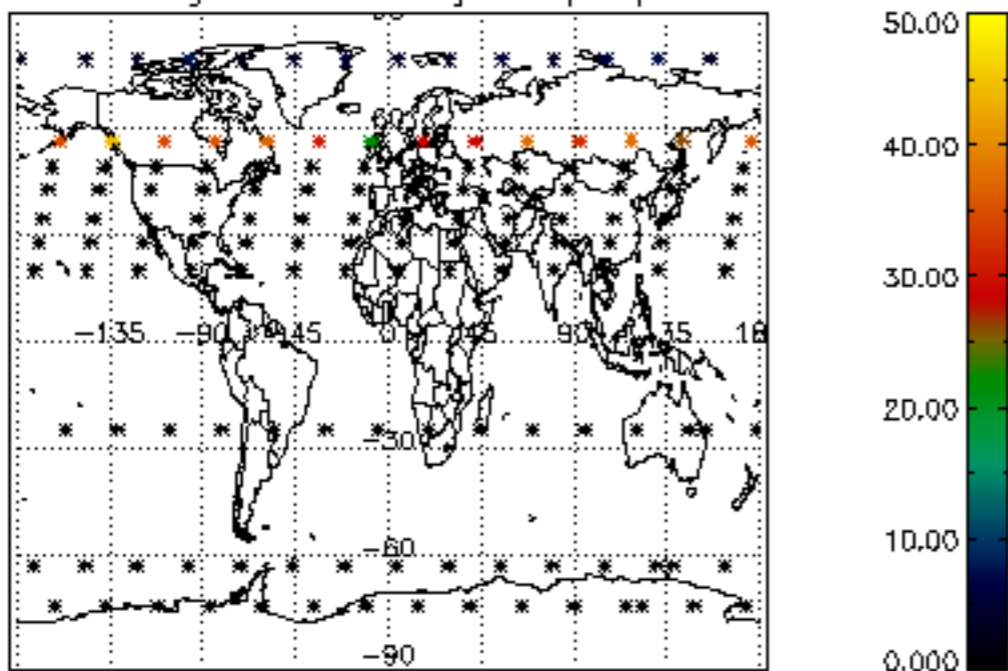
Percentage of star falling outside central band per profile



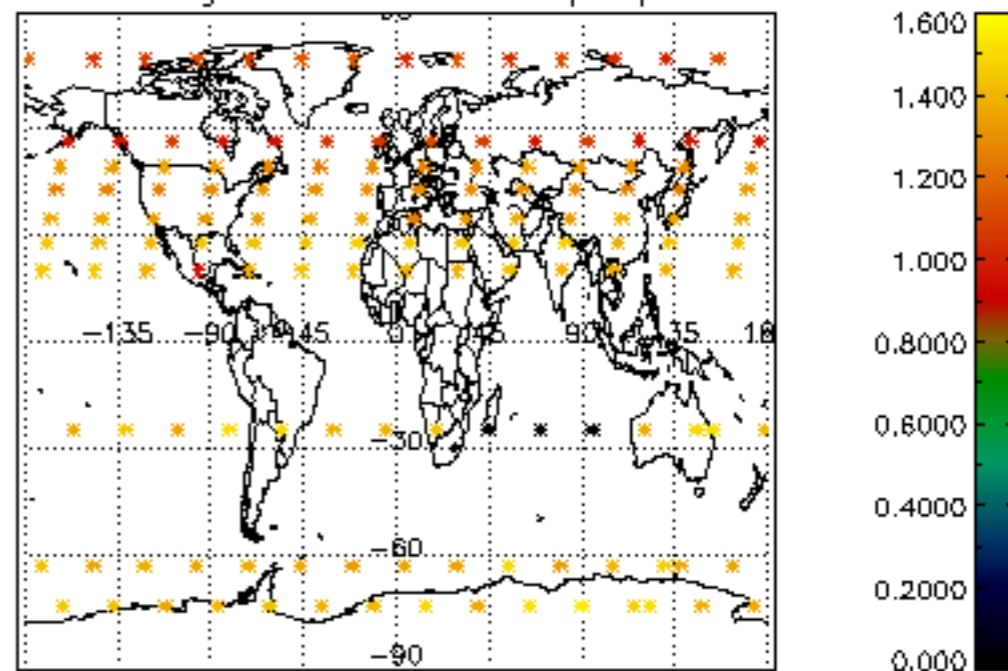
Percentage of saturation errors per profile



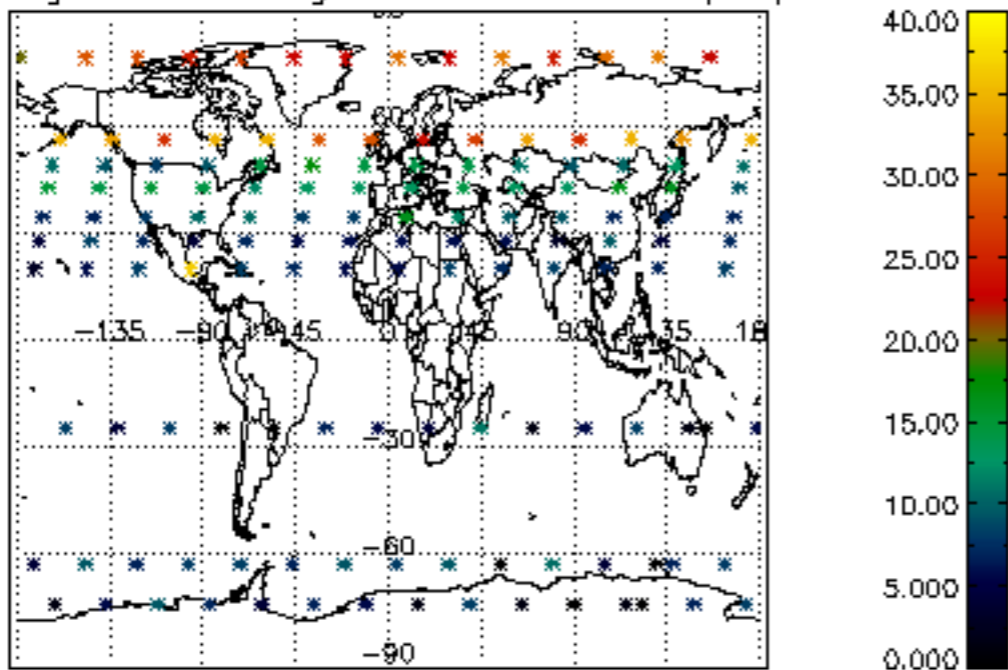
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

