

# GOMOS Level 2 Daily Report

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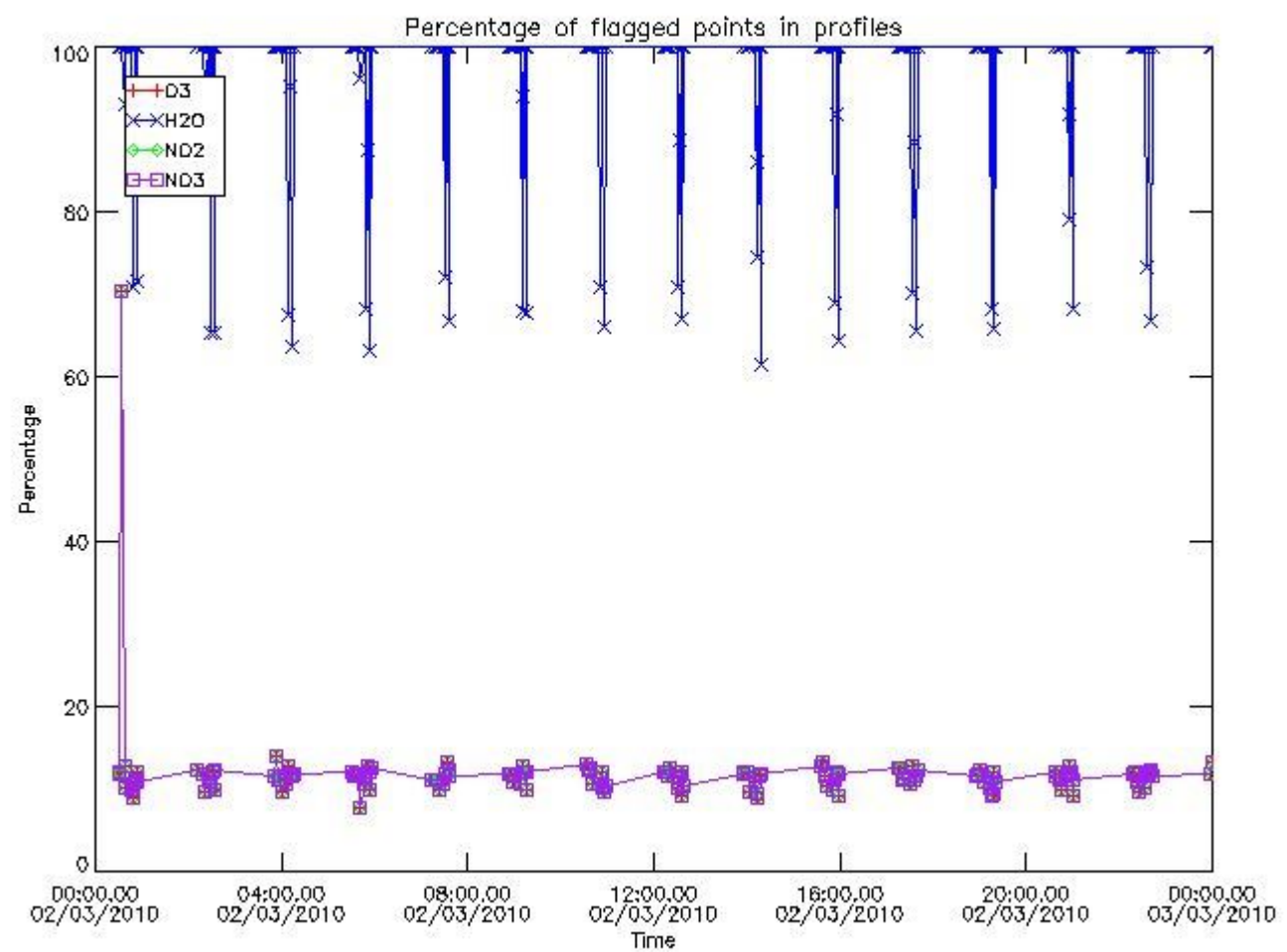








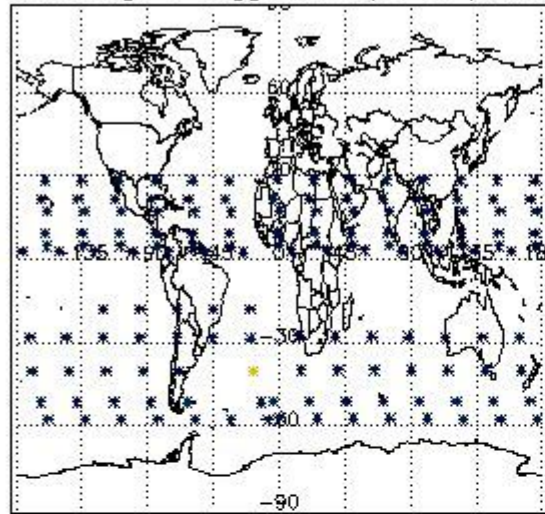




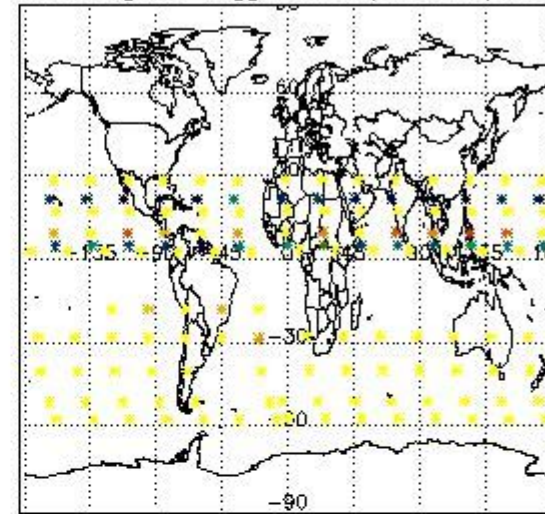
*3.2 Plot quality information per product (world map)*



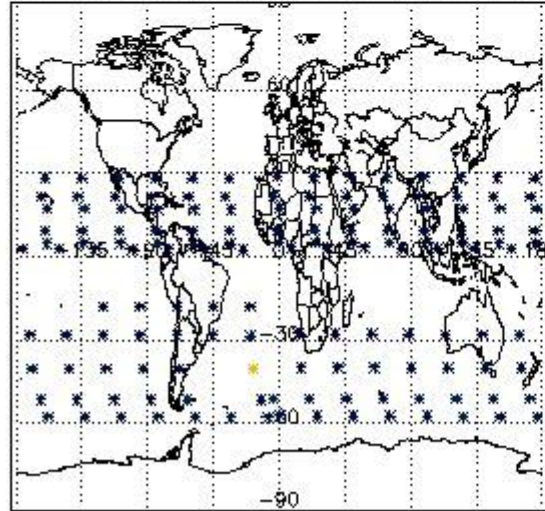
Percentage of flagged data per O3 profile



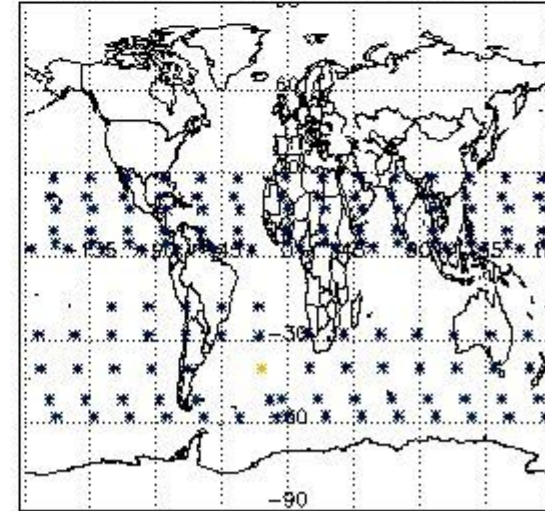
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

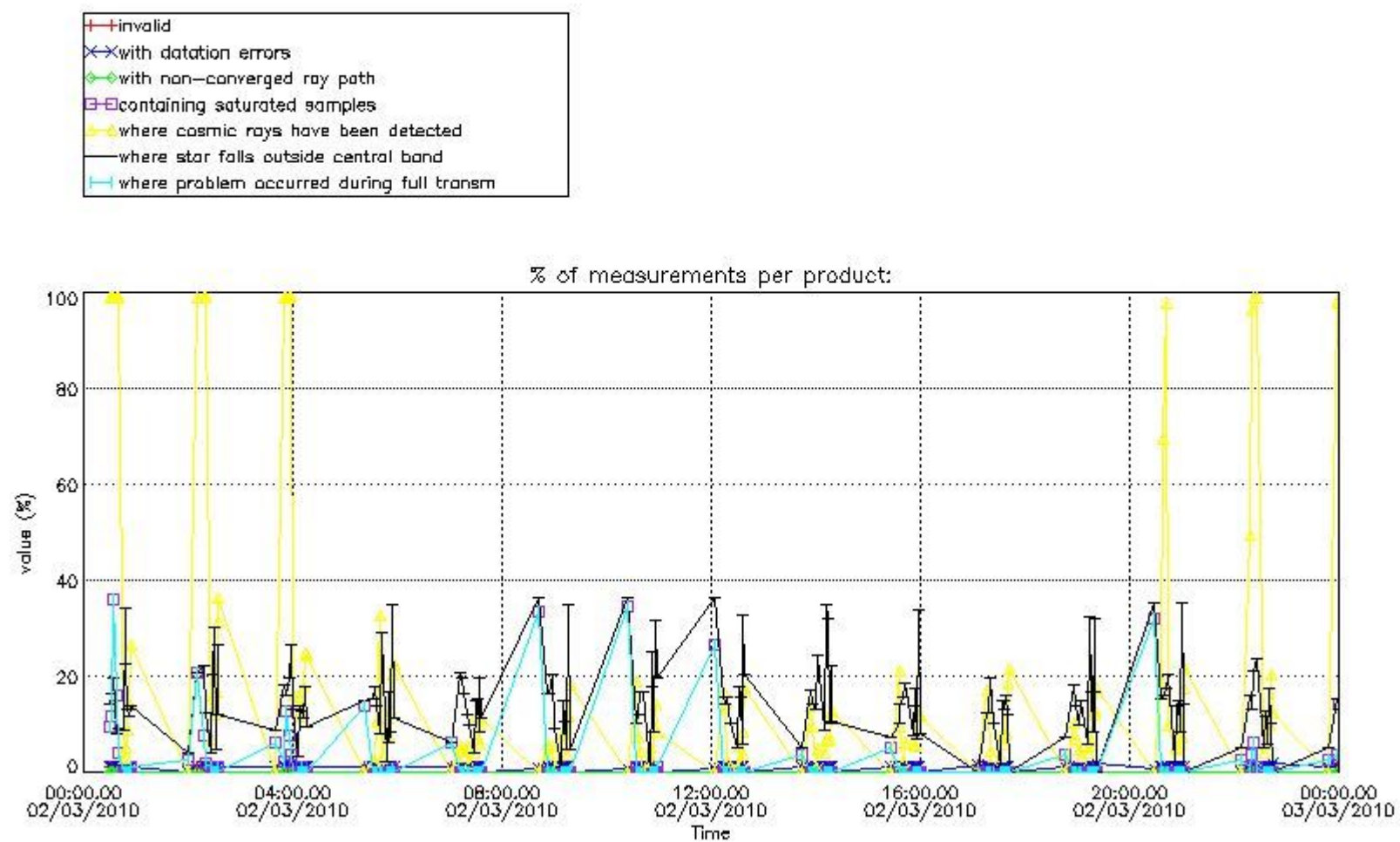


#### 4. Level 1 quality information per product

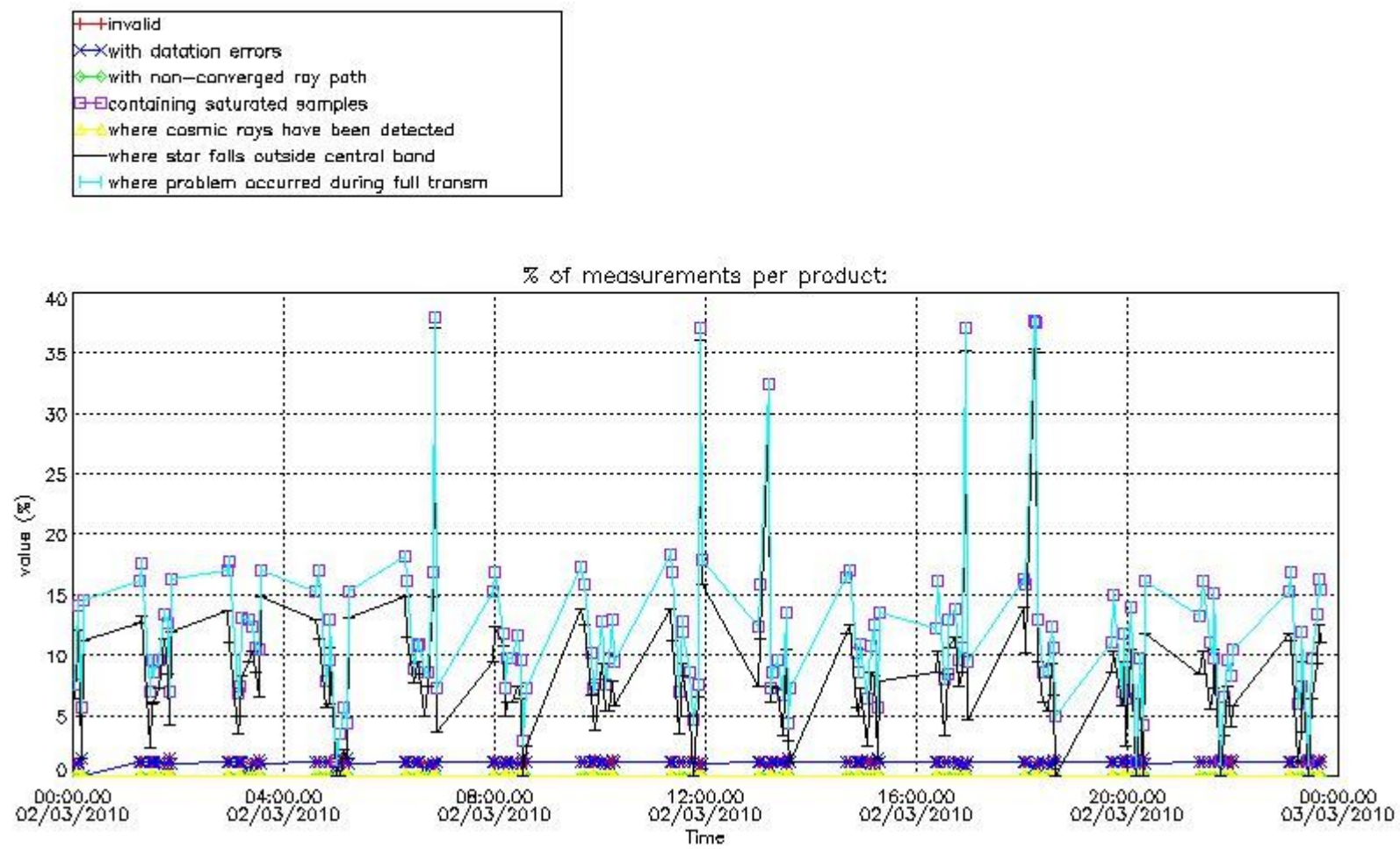
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

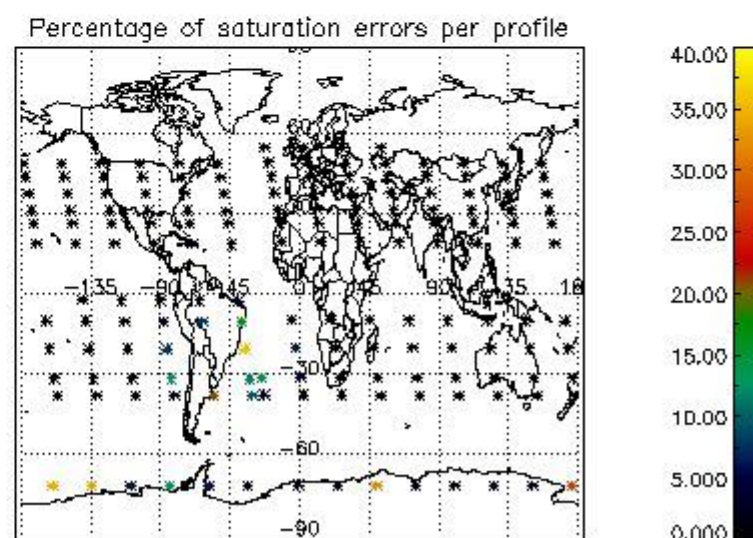
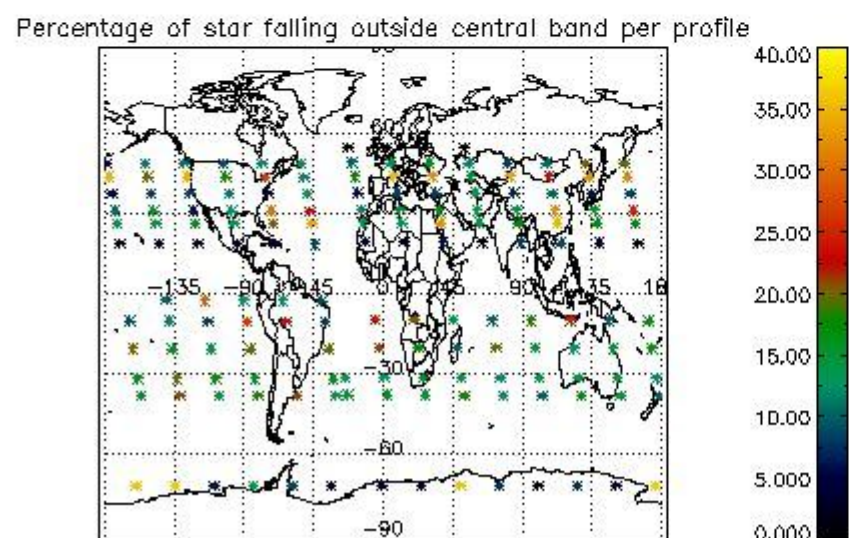
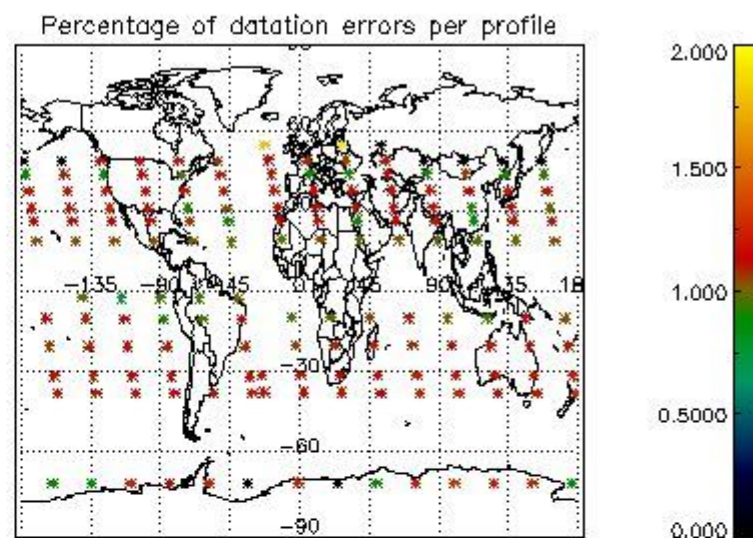
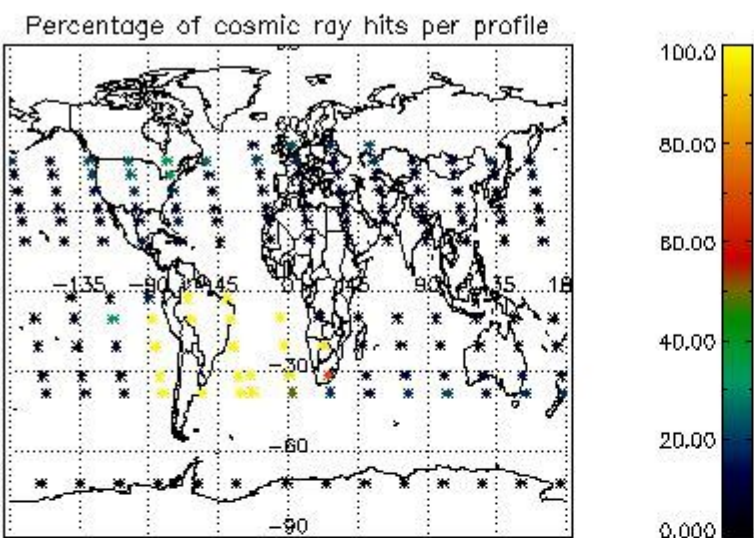


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

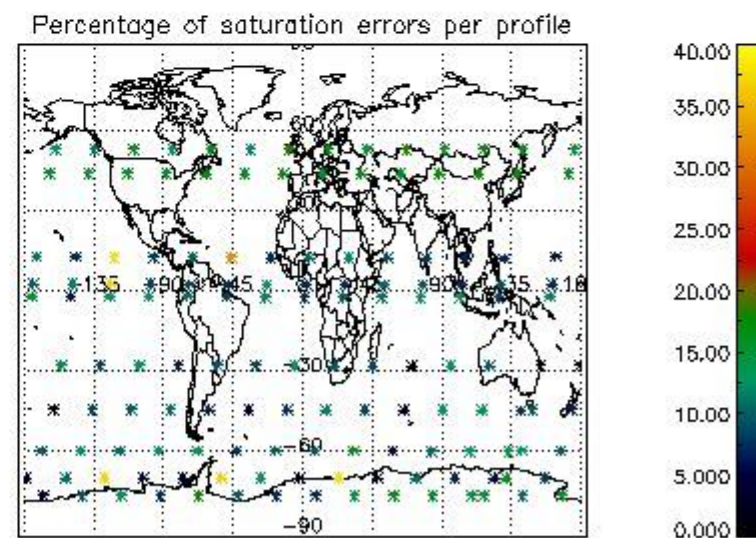
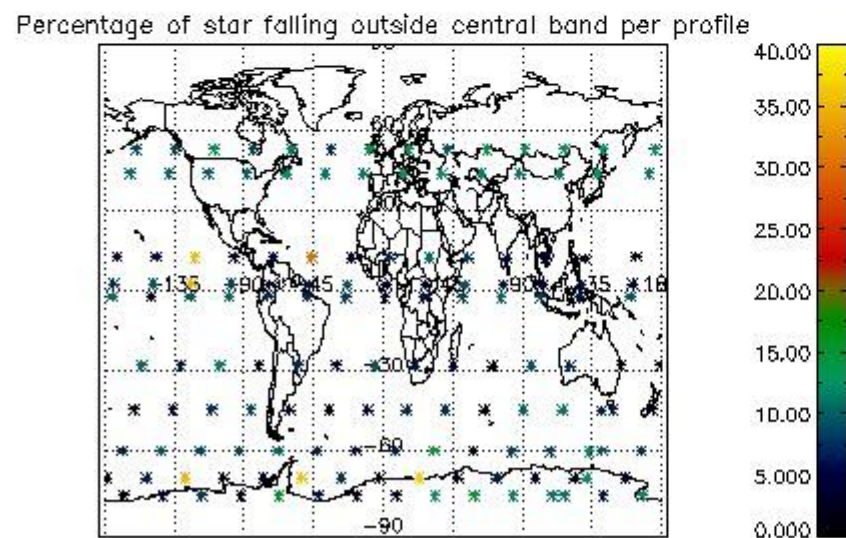
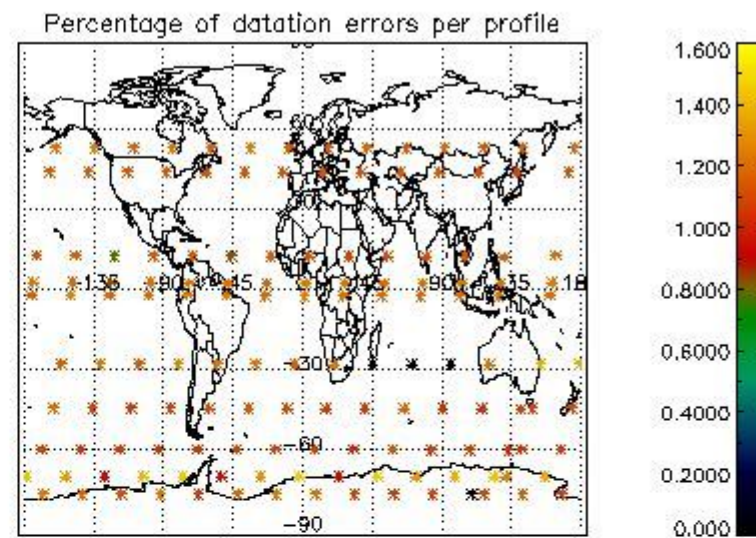
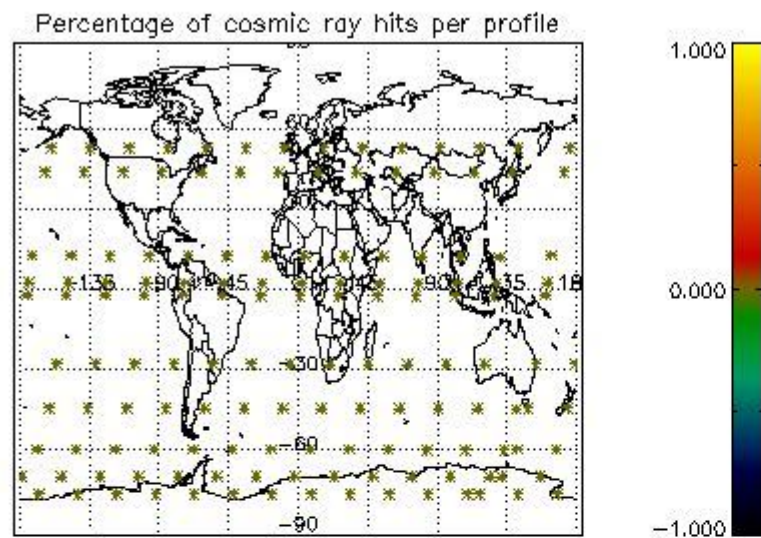


*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

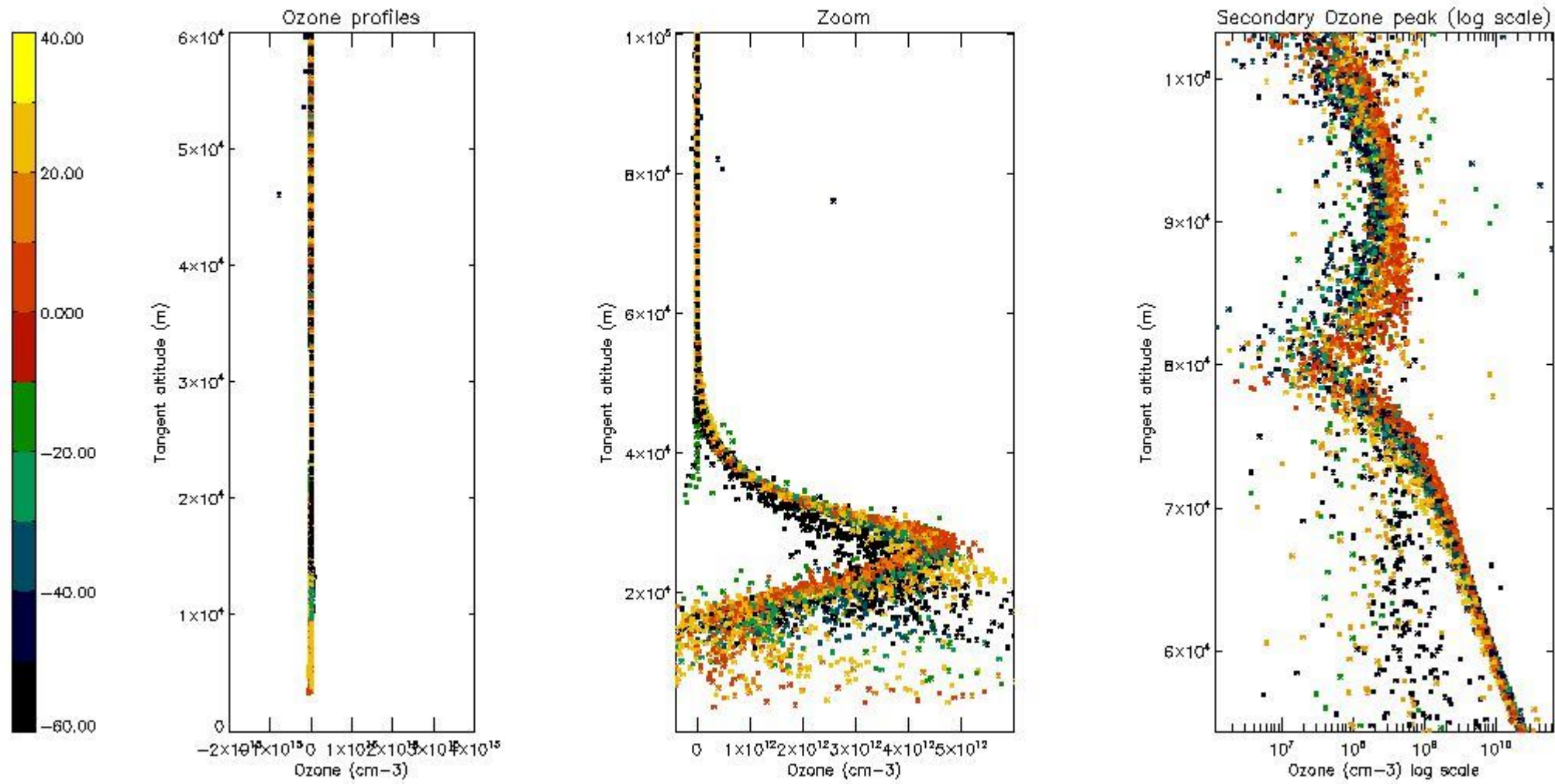
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	27

STD < 10	22
STD < 5	15

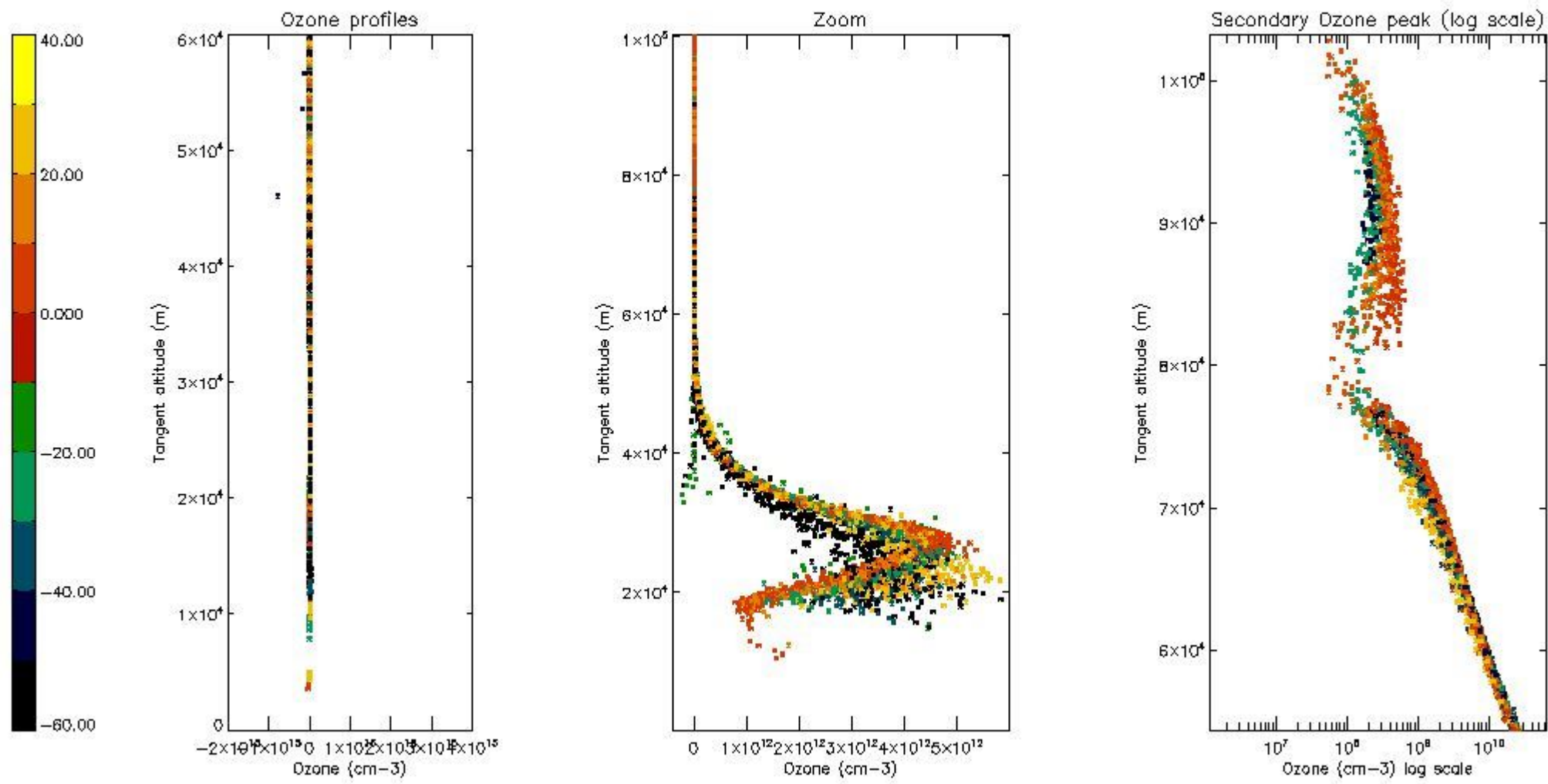
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



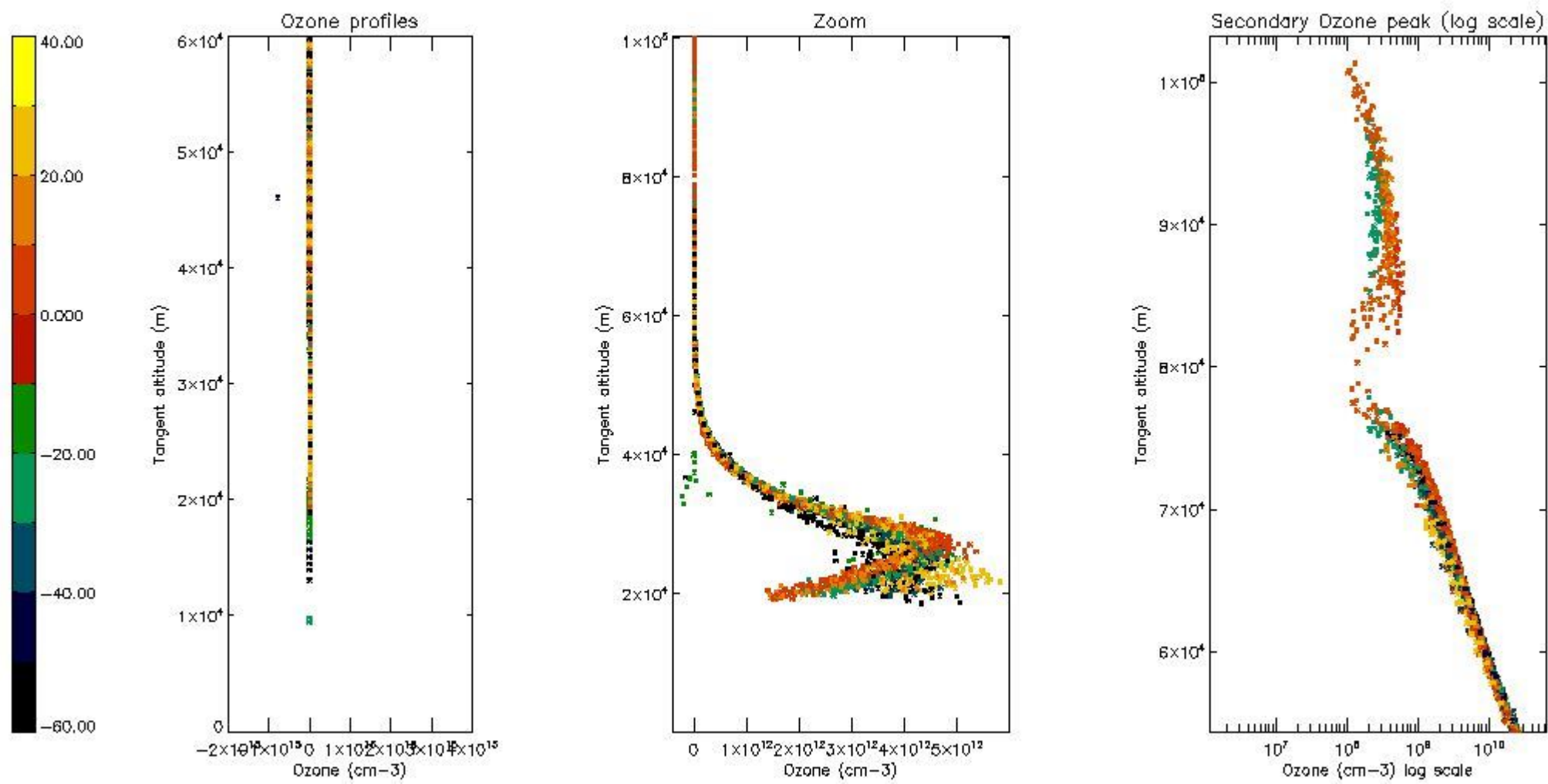
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

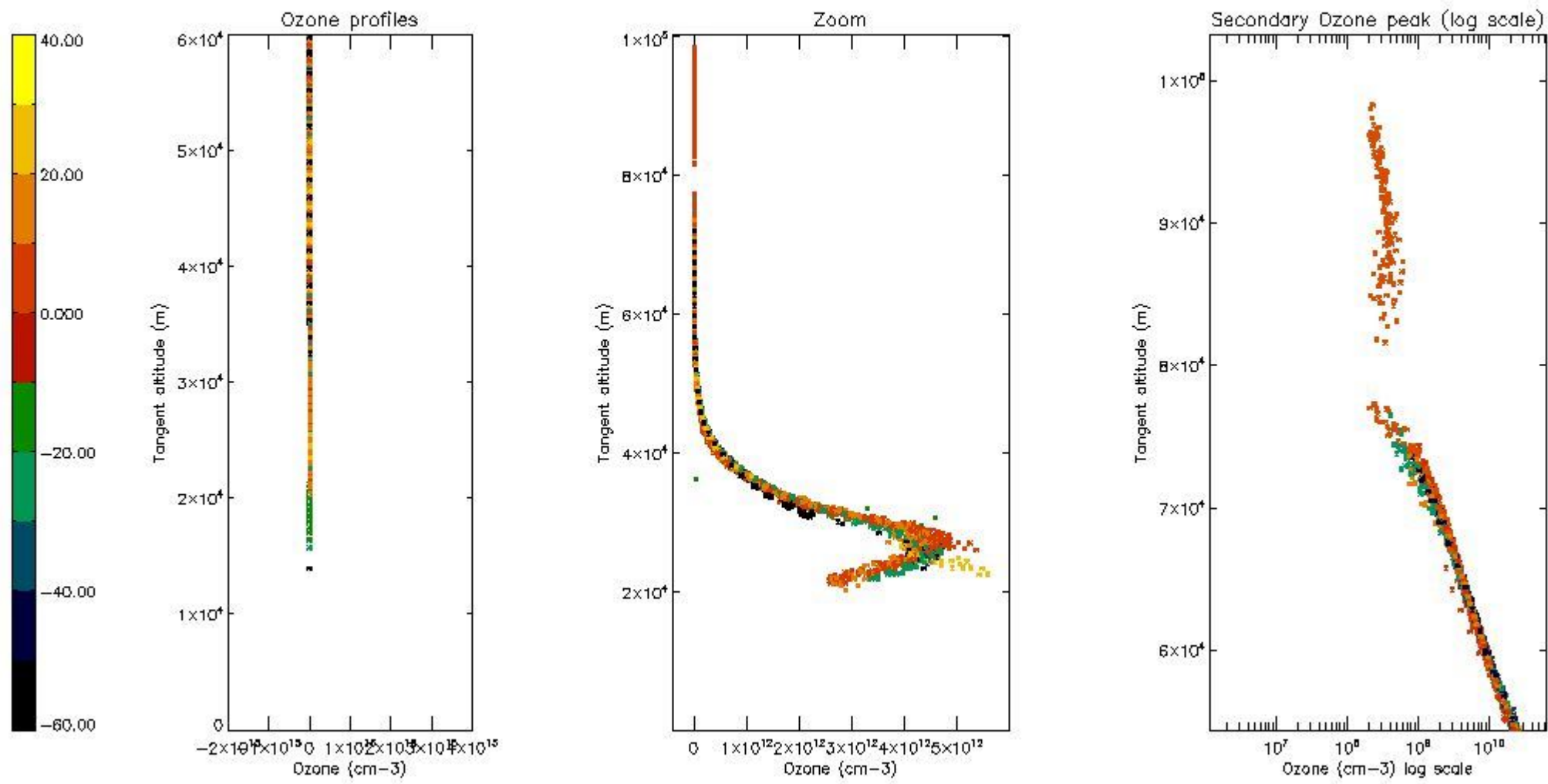
The colorbar represents the latitude.



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

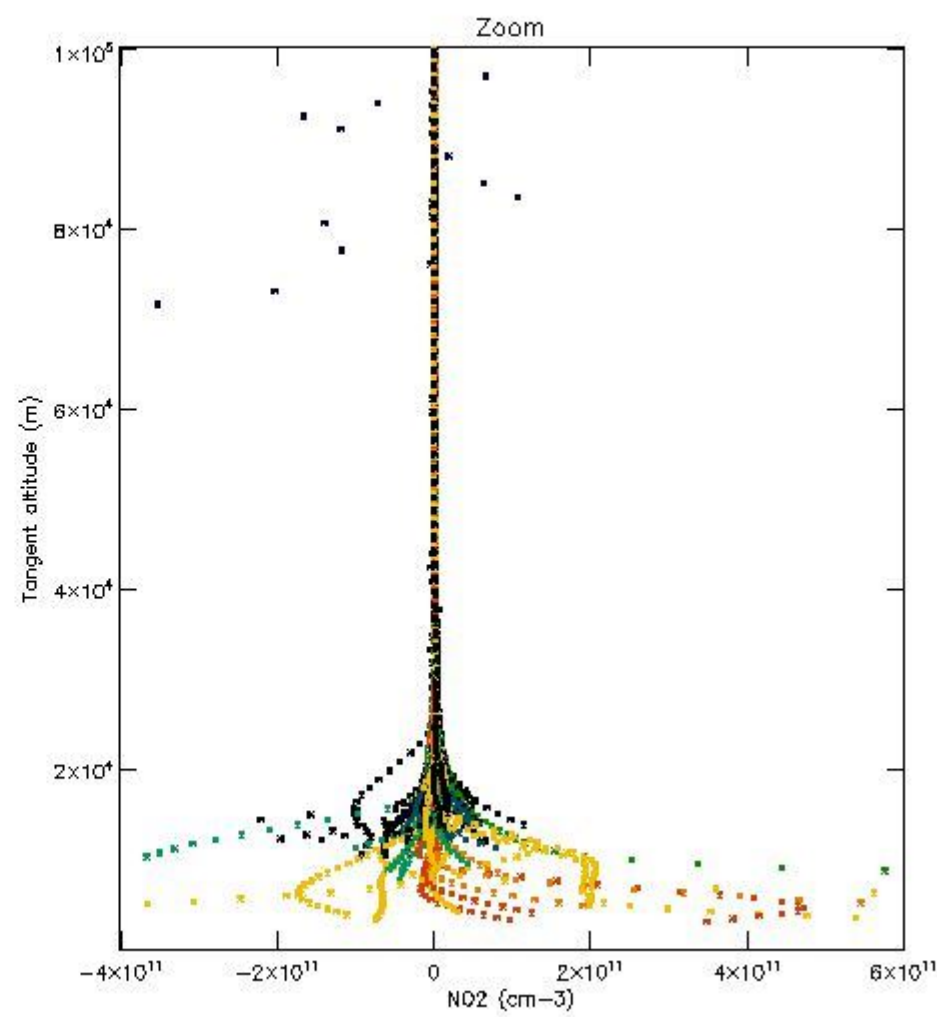
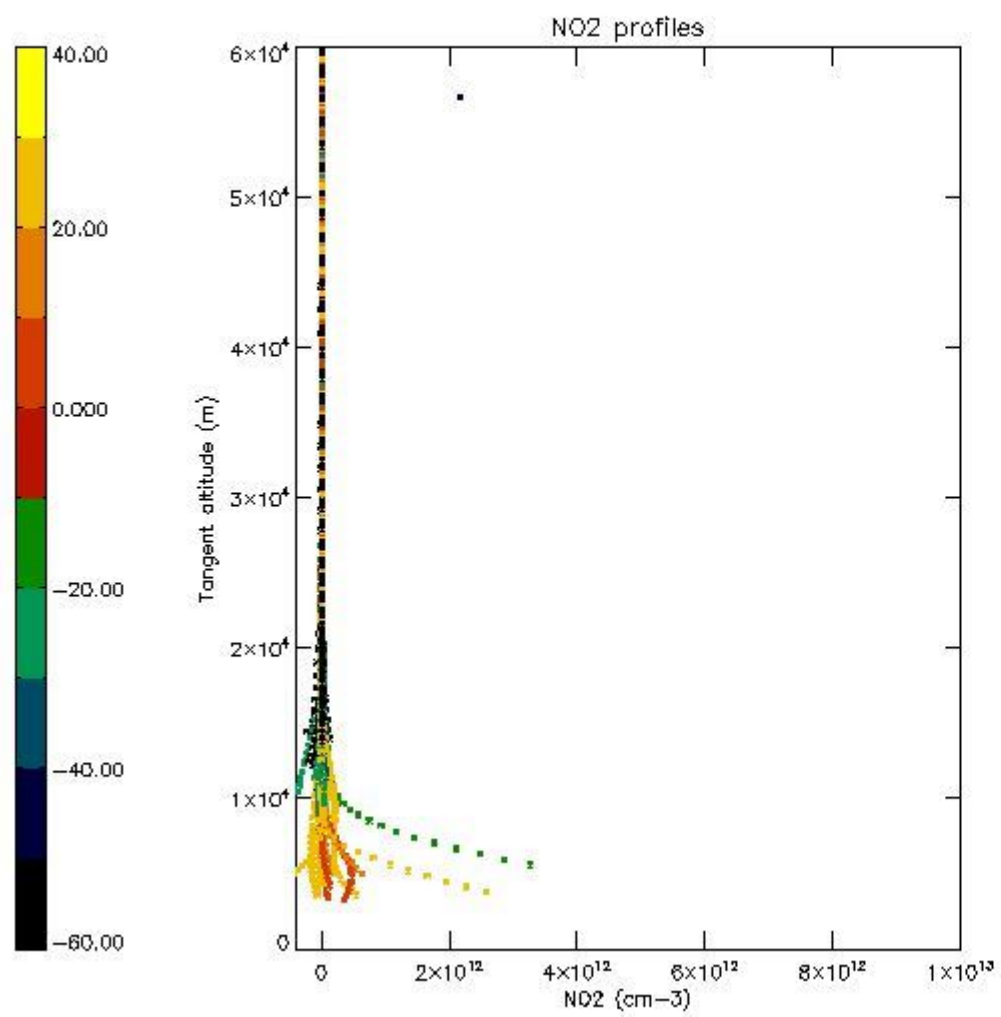
The colorbar represents the latitude.





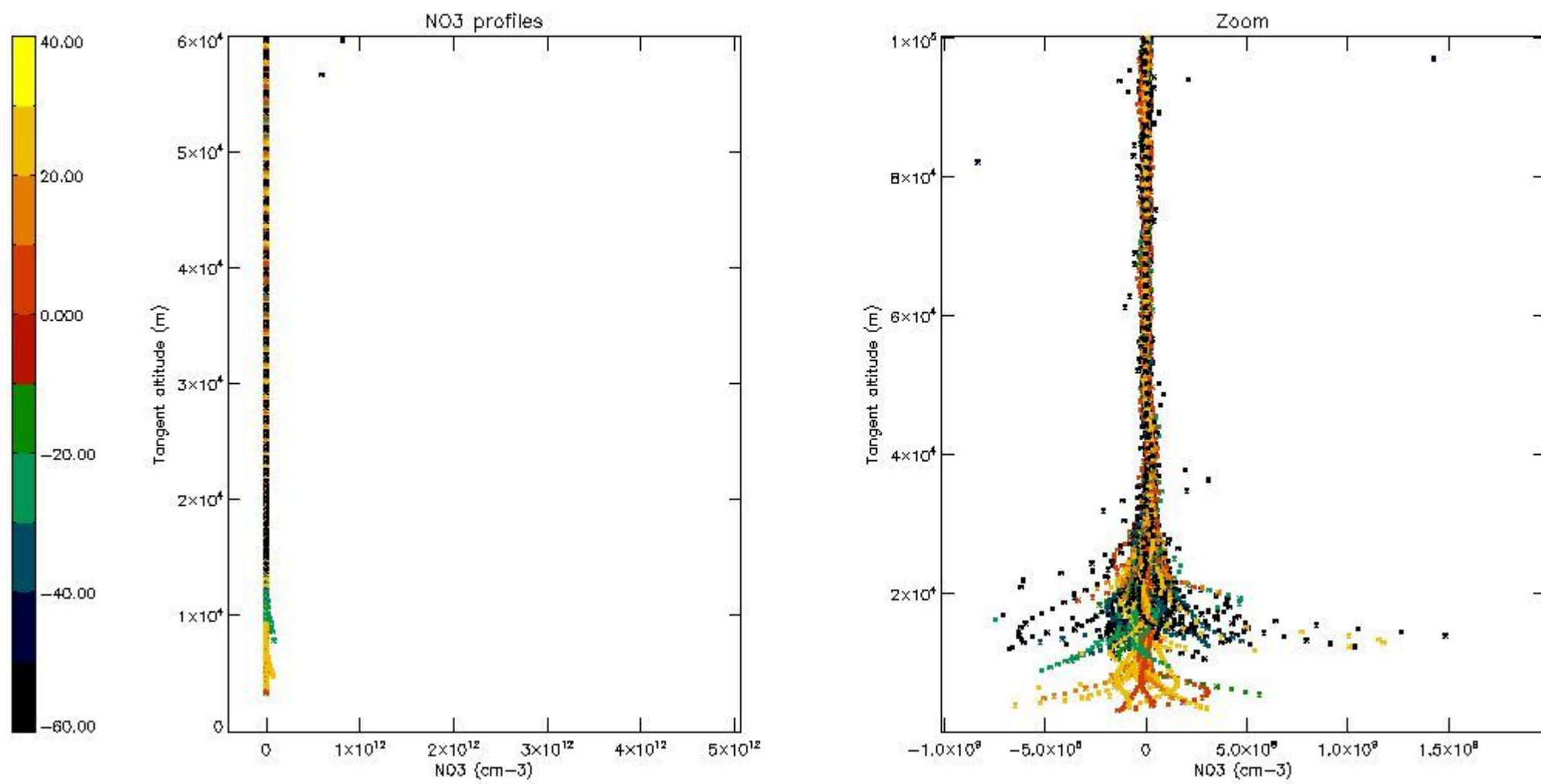
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



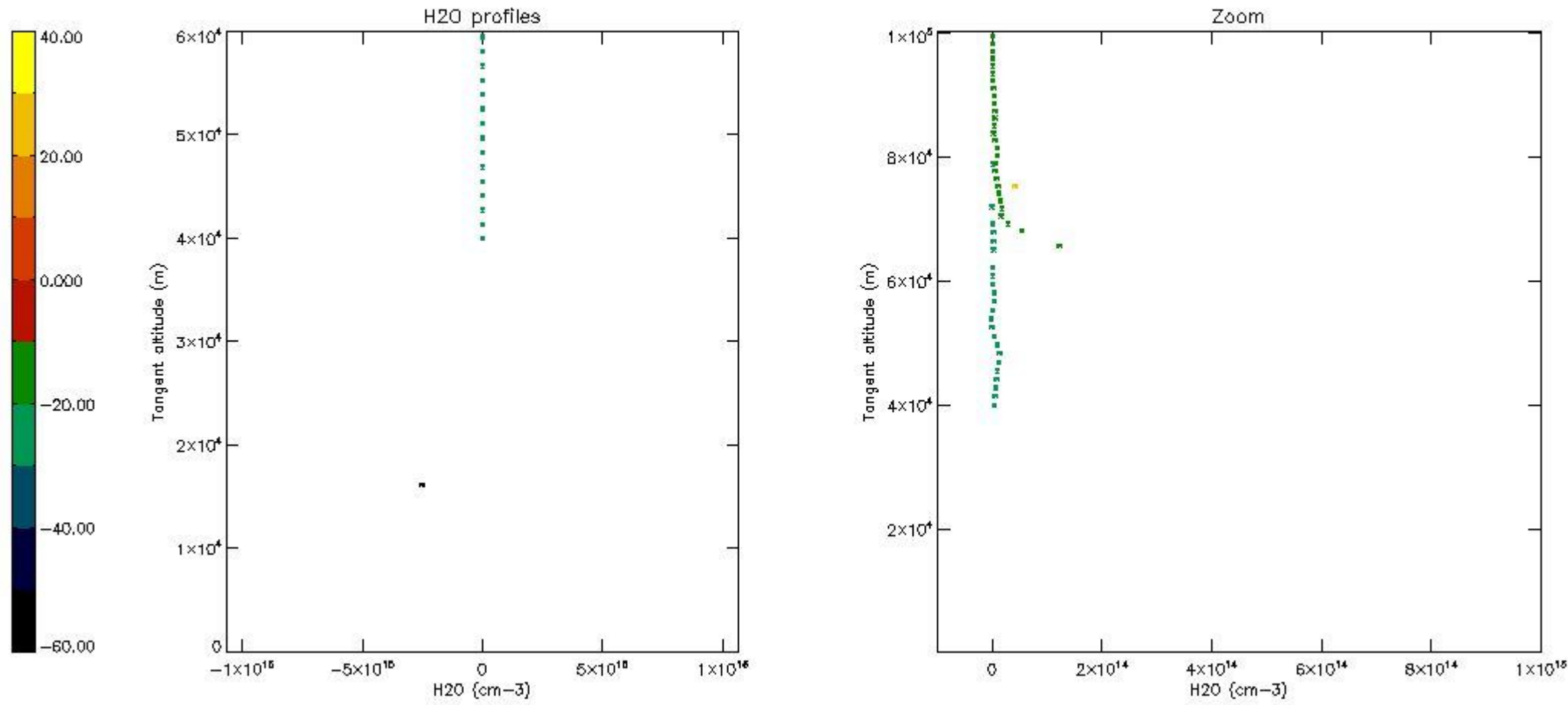
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-MAR-2010 00:02:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-MAR-2010 00:02:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-MAR-2010 00:02:32

# GOMOS Level 2 Daily Report

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 17:48:24
Data source version	GOMOS/6.01
Start time of products	02-03-2010 (02MAR2010 00:00:00)
Stop time of products	03-03-2010 (03MAR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	307
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__2PRFIN20100302_000232_000000472087_00202_41839_7404.N1	02-MAR-2010 00:02:32	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	41839	No
2	GOM_NL__2PRFIN20100302_000658_000000502087_00202_41839_7405.N1	02-MAR-2010 00:06:58	Bright	49.500	130	23Bet Dra	2.7990	5800.0	99	41839	No
3	GOM_NL__2PRFIN20100302_000956_000000352087_00202_41839_7406.N1	02-MAR-2010 00:09:56	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	41839	No
4	GOM_NL__2PRFIN20100302_001205_000000452087_00202_41839_7407.N1	02-MAR-2010 00:12:05	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	41839	No
5	GOM_NL__2PRFIN20100302_002933_000000422087_00202_41839_7408.N1	02-MAR-2010 00:29:33	Dark	42.000	155	41Pi Sgr	2.9000	6600.0	84	41839	No
6	GOM_NL__2PRFIN20100302_003123_000000432087_00202_41839_7409.N1	02-MAR-2010 00:31:23	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	41839	No
7	GOM_NL__2PRFIN20100302_003431_000000462087_00202_41839_7410.N1	02-MAR-2010 00:34:31	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	41839	No
8	GOM_NL__2PRFIN20100302_003723_000000442087_00202_41839_7411.N1	02-MAR-2010 00:37:23	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41839	No
9	GOM_NL__2PRFIN20100302_003934_000000502087_00202_41839_7412.N1	02-MAR-2010 00:39:34	Dark	50.000	75	26Eps Sco	2.2910	4250.0	100	41839	No
10	GOM_NL__2PRFIN20100302_004529_000000522087_00203_41840_7402.N1	02-MAR-2010 00:45:29	Dark	52.000	131	Gam Lup	2.8000	26000.	104	41840	No
11	GOM_NL__2PRFIN20100302_004738_000000572087_00203_41840_7403.N1	02-MAR-2010 00:47:38	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	41840	No
12	GOM_NL__2PRFIN20100302_004858_000000492087_00203_41840_7404.N1	02-MAR-2010 00:48:58	Dark	48.500	10	Bet Cen	0.61000	28000.	97	41840	No
13	GOM_NL__2PRFIN20100302_005046_000000462087_00203_41840_7405.N1	02-MAR-2010 00:50:46	Dark	45.500	77	Eps Cen	2.3030	28000.	91	41840	No
14	GOM_NL__2PRFIN20100302_005233_000000432087_00203_41840_7406.N1	02-MAR-2010 00:52:33	Dark	42.500	26	Gam Cru	1.6240	2900.0	85	41840	No
15	GOM_NL__2PRFIN20100302_005359_000000472087_00203_41840_7407.N1	02-MAR-2010 00:53:59	Dark	47.000	64	Gam Cen	2.2000	10600.	94	41840	No
16	GOM_NL__2PRFIN20100302_011541_000000442087_00203_41840_7408.N1	02-MAR-2010 01:15:41	Bright	43.500	22	32Alp Leo	1.3600	15200.	87	41840	No
17	GOM_NL__2PRFIN20100302_011817_000000462087_00203_41840_7409.N1	02-MAR-2010 01:18:17	Bright	45.500	51	41Gam1Leo	2.0100	4500.0	91	41840	No
18	GOM_NL__2PRFIN20100302_012709_000000432087_00203_41840_7410.N1	02-MAR-2010 01:27:09	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	41840	No
19	GOM_NL__2PRFIN20100302_012956_000000422087_00203_41840_7411.N1	02-MAR-2010 01:29:56	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	41840	No
20	GOM_NL__2PRFIN20100302_013116_000000412087_00203_41840_7412.N1	02-MAR-2010 01:31:16	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	41840	No
21	GOM_NL__2PRFIN20100302_013827_000000422087_00203_41840_7413.N1	02-MAR-2010 01:38:27	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41840	No
22	GOM_NL__2PRFIN20100302_014308_000000492087_00203_41840_7414.N1	02-MAR-2010 01:43:08	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	41840	No
23	GOM_NL__2PRFIN20100302_014733_000000482087_00203_41840_7415.N1	02-MAR-2010 01:47:33	Bright	47.500	130	23Bet Dra	2.7990	5800.0	95	41840	No
24	GOM_NL__2PRFIN20100302_015032_000000362087_00203_41840_7416.N1	02-MAR-2010 01:50:32	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	41840	No
25	GOM_NL__2PRFIN20100302_015241_000000462087_00203_41840_7417.N1	02-MAR-2010 01:52:41	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	41840	No
26	GOM_NL__2PRFIN20100302_020020_000000392087_00203_41840_7418.N1	02-MAR-2010 02:00:20	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	41840	No
27	GOM_NL__2PRFIN20100302_021010_000000462087_00203_41840_7419.N1	02-MAR-2010 02:10:10	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	41840	No
28	GOM_NL__2PRFIN20100302_021800_000000522087_00203_41840_7420.N1	02-MAR-2010 02:18:00	Dark	52.000	25	35Lam Sco	1.6200	28000.	104	41840	No
29	GOM_NL__2PRFIN20100302_022011_000000532087_00203_41840_7421.N1	02-MAR-2010 02:20:11	Dark	53.000	75	26Eps Sco	2.2910	4250.0	106	41840	No
30	GOM_NL__2PRFIN20100302_022606_000000502087_00204_41841_7410.N1	02-MAR-2010 02:26:06	Dark	49.500	131	Gam Lup	2.8000	26000.	99	41841	No
31	GOM_NL__2PRFIN20100302_022815_000000472087_00204_41841_7411.N1	02-MAR-2010 02:28:15	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	41841	No
32	GOM_NL__2PRFIN20100302_022934_000000552087_00204_41841_7412.N1	02-MAR-2010 02:29:34	Dark	54.500	10	Bet Cen	0.61000	28000.	109	41841	No
33	GOM_NL__2PRFIN20100302_023123_000000422087_00204_41841_7413.N1	02-MAR-2010 02:31:23	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41841	No
34	GOM_NL__2PRFIN20100302_023309_000000512087_00204_41841_7414.N1	02-MAR-2010 02:33:09	Dark	51.000	26	Gam Cru	1.6240	2900.0	102	41841	No
35	GOM_NL__2PRFIN20100302_023435_000000462087_00204_41841_7415.N1	02-MAR-2010 02:34:35	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41841	No
36	GOM_NL__2PRFIN20100302_025617_000000442087_00204_41841_7416.N1	02-MAR-2010 02:56:17	Bright	44.000	22	32Alp Leo	1.3600	15200.	88	41841	No
37	GOM_NL__2PRFIN20100302_025852_000000452087_00204_41841_7417.N1	02-MAR-2010 02:58:52	Bright	45.000	51	41Gam1Leo	2.0100	4500.0	90	41841	No
38	GOM_NL__2PRFIN20100302_030744_000000442087_00204_41841_7418.N1	02-MAR-2010 03:07:44	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	41841	No
39	GOM_NL__2PRFIN20100302_031031_000000412087_00204_41841_7419.N1	02-MAR-2010 03:10:31	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41841	No
40	GOM_NL__2PRFIN20100302_031152_000000422087_00204_41841_7420.N1	02-MAR-2010 03:11:52	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41841	No
41	GOM_NL__2PRFIN20100302_031903_000000432087_00204_41841_7421.N1	02-MAR-2010 03:19:03	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41841	No
42	GOM_NL__2PRFIN20100302_032343_000000492087_00204_41841_7422.N1	02-MAR-2010 03:23:43	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	41841	No









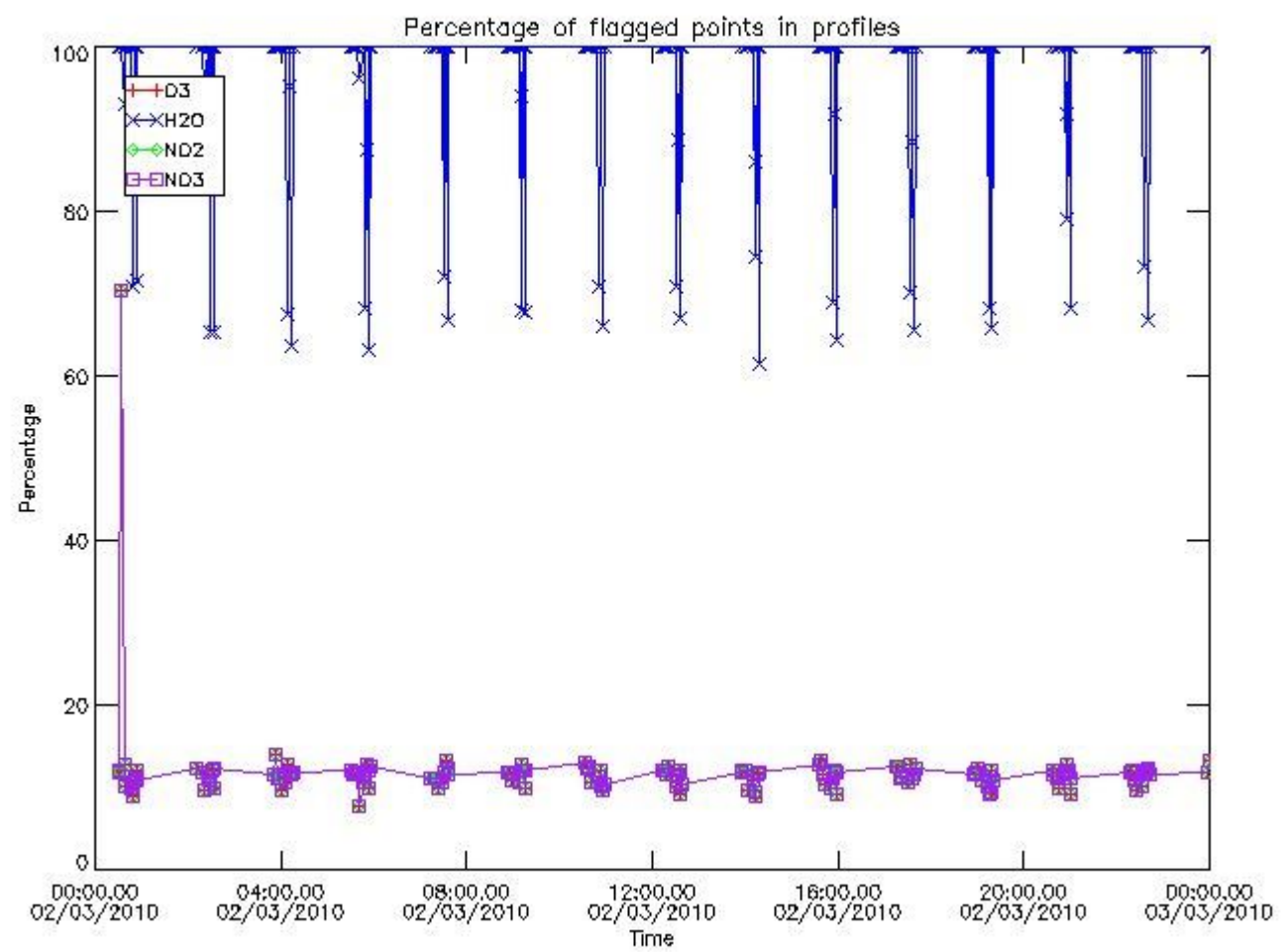


279	GOM_NL__2PRFIN20100302_215014_000000462087_00215_41852_7518.N1	02-MAR-2010 21:50:14	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	41852	No
280	GOM_NL__2PRFIN20100302_215441_000000472087_00215_41852_7519.N1	02-MAR-2010 21:54:41	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	41852	No
281	GOM_NL__2PRFIN20100302_215744_000000372087_00215_41852_7520.N1	02-MAR-2010 21:57:44	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	41852	No
282	GOM_NL__2PRFIN20100302_215952_000000432087_00215_41852_7521.N1	02-MAR-2010 21:59:52	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	41852	No
283	GOM_NL__2PRFIN20100302_220736_000000402087_00215_41852_7522.N1	02-MAR-2010 22:07:36	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	41852	No
284	GOM_NL__2PRFIN20100302_221727_000000442087_00215_41852_7523.N1	02-MAR-2010 22:17:27	Dark	43.500	155	41Pi Sgr	2.9000	6600.0	87	41852	No
285	GOM_NL__2PRFIN20100302_221917_000000432087_00215_41852_7524.N1	02-MAR-2010 22:19:17	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	41852	No
286	GOM_NL__2PRFIN20100302_222226_000000482087_00215_41852_7525.N1	02-MAR-2010 22:22:26	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	41852	No
287	GOM_NL__2PRFIN20100302_222522_000000532087_00215_41852_7526.N1	02-MAR-2010 22:25:22	Dark	53.000	25	35Lam Sco	1.6200	28000.	106	41852	No
288	GOM_NL__2PRFIN20100302_223331_000000512087_00216_41853_7513.N1	02-MAR-2010 22:33:31	Dark	50.500	131	Gam Lup	2.8000	26000.	101	41853	No
289	GOM_NL__2PRFIN20100302_223533_000000442087_00216_41853_7514.N1	02-MAR-2010 22:35:33	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41853	No
290	GOM_NL__2PRFIN20100302_223652_000000432087_00216_41853_7515.N1	02-MAR-2010 22:36:52	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41853	No
291	GOM_NL__2PRFIN20100302_223842_000000422087_00216_41853_7516.N1	02-MAR-2010 22:38:42	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41853	No
292	GOM_NL__2PRFIN20100302_224027_000000462087_00216_41853_7517.N1	02-MAR-2010 22:40:27	Dark	45.500	26	Gam Cru	1.6240	2900.0	91	41853	No
293	GOM_NL__2PRFIN20100302_224154_000000442087_00216_41853_7518.N1	02-MAR-2010 22:41:54	Dark	44.000	64	Gam Cen	2.2000	10600.	88	41853	No
294	GOM_NL__2PRFIN20100302_224329_000000282087_00216_41853_7519.N1	02-MAR-2010 22:43:29	Straylight	28.000	123	lot Cen	2.7500	10200.	56	41853	No
295	GOM_NL__2PRFIN20100302_230326_000000432087_00216_41853_7520.N1	02-MAR-2010 23:03:26	Bright	42.500	22	32Alp Leo	1.3600	15200.	85	41853	No
296	GOM_NL__2PRFIN20100302_230600_000000452087_00216_41853_7521.N1	02-MAR-2010 23:06:00	Bright	44.500	51	41Gam1Leo	2.0100	4500.0	89	41853	No
297	GOM_NL__2PRFIN20100302_231448_000000422087_00216_41853_7522.N1	02-MAR-2010 23:14:48	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	41853	No
298	GOM_NL__2PRFIN20100302_231737_000000412087_00216_41853_7523.N1	02-MAR-2010 23:17:37	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41853	No
299	GOM_NL__2PRFIN20100302_231858_000000422087_00216_41853_7524.N1	02-MAR-2010 23:18:58	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41853	No
300	GOM_NL__2PRFIN20100302_232610_000000372087_00216_41853_7525.N1	02-MAR-2010 23:26:10	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41853	No
301	GOM_NL__2PRFIN20100302_233049_000000472087_00216_41853_7526.N1	02-MAR-2010 23:30:49	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	41853	No
302	GOM_NL__2PRFIN20100302_233517_000000492087_00216_41853_7527.N1	02-MAR-2010 23:35:17	Bright	48.500	130	23Bet Dra	2.7990	5800.0	97	41853	No
303	GOM_NL__2PRFIN20100302_233819_000000402087_00216_41853_7528.N1	02-MAR-2010 23:38:19	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	41853	No
304	GOM_NL__2PRFIN20100302_234029_000000462087_00216_41853_7529.N1	02-MAR-2010 23:40:29	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	41853	No
305	GOM_NL__2PRFIN20100302_234812_000000412087_00216_41853_7530.N1	02-MAR-2010 23:48:12	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	41853	No
306	GOM_NL__2PRFIN20100302_235803_000000432087_00216_41853_7531.N1	02-MAR-2010 23:58:03	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	41853	No
307	GOM_NL__2PRFIN20100302_235954_000000422087_00216_41853_7532.N1	02-MAR-2010 23:59:54	Dark	42.000	57	34Sig Sgr	2.0660	26000.	84	41853	No

### 3. Quality information per product

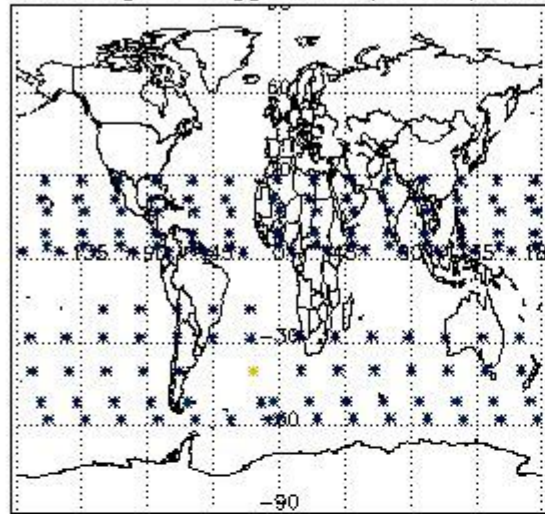
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

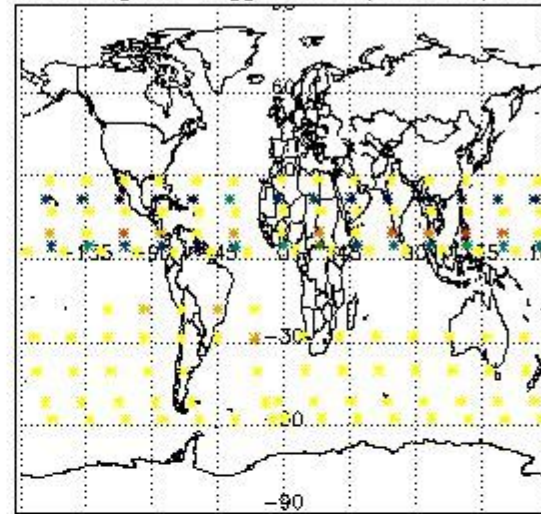


*3.2 Plot quality information per product (world map)*

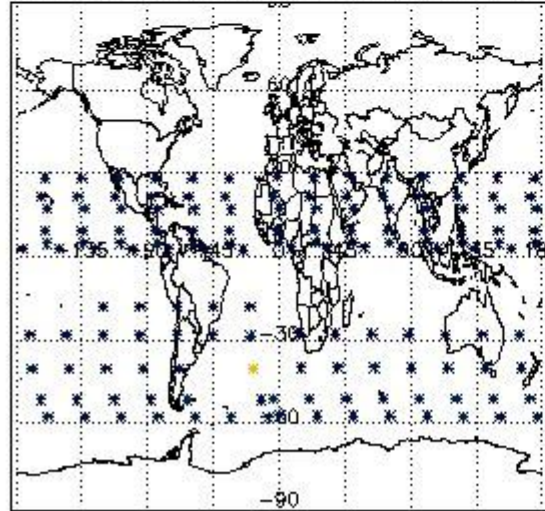
Percentage of flagged data per O3 profile



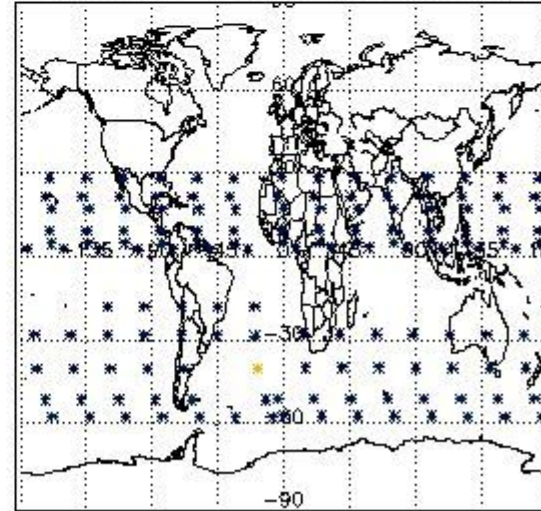
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

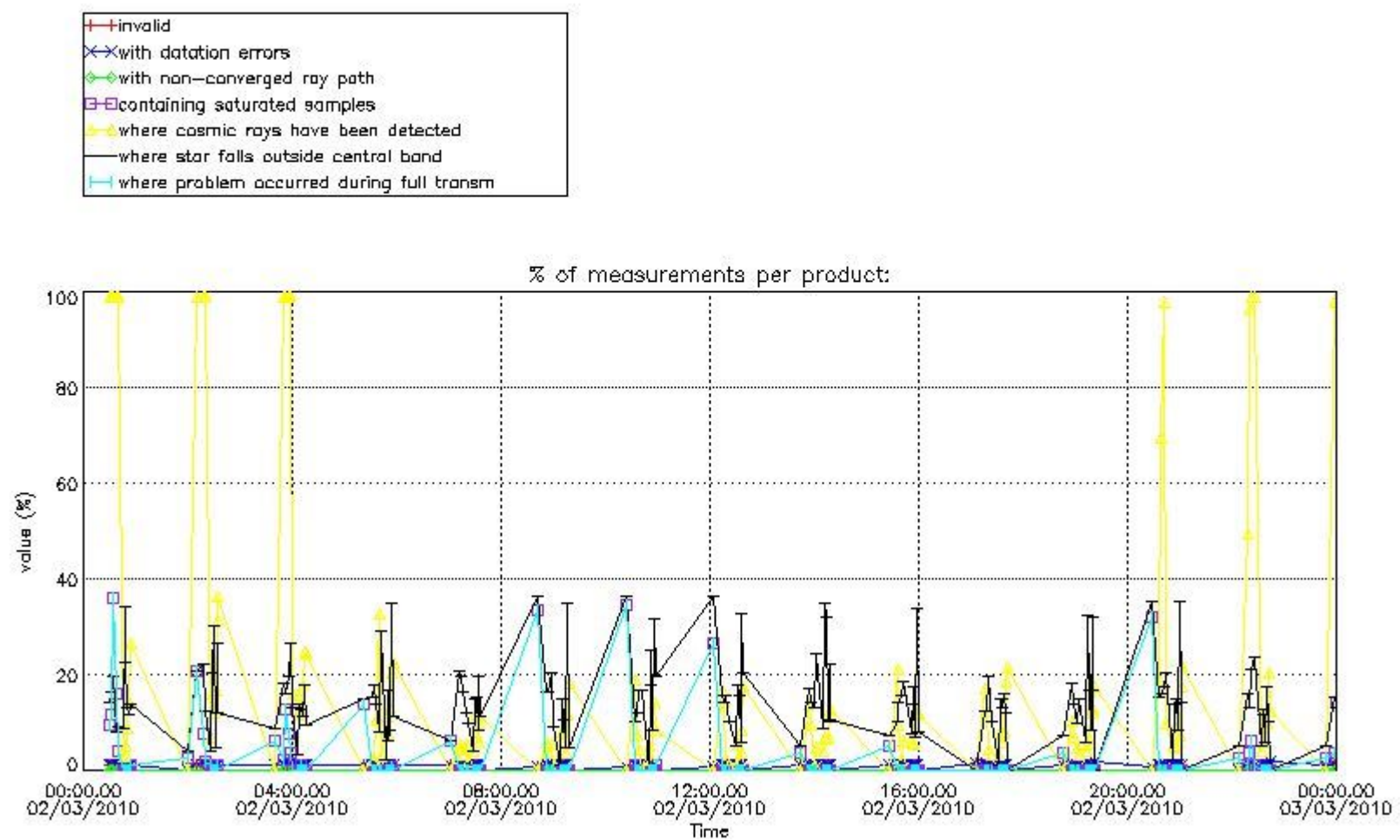


#### 4. Level 1 quality information per product

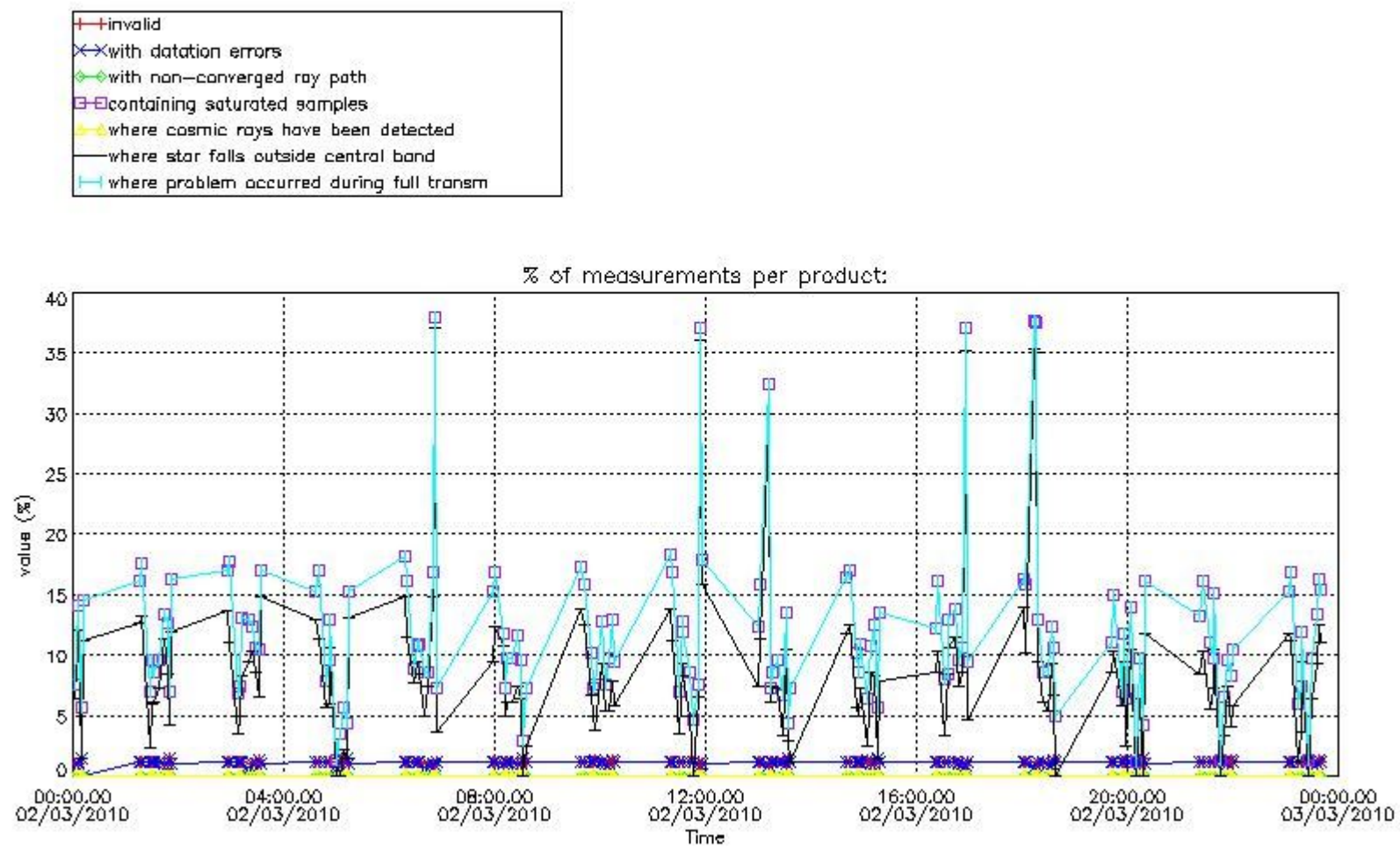
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



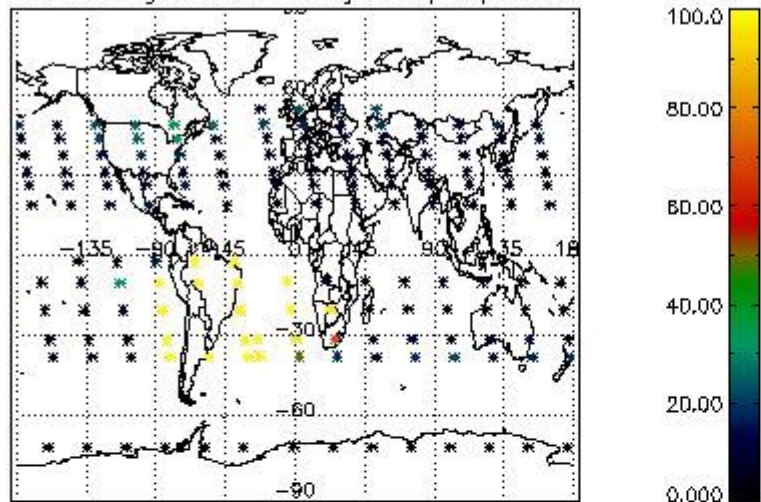
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



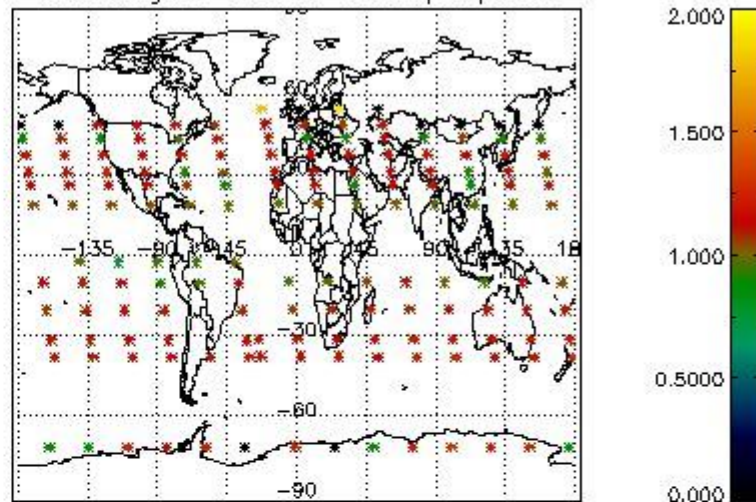
4.2 Plot quality information per product coming from level 1b processing (world map)

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

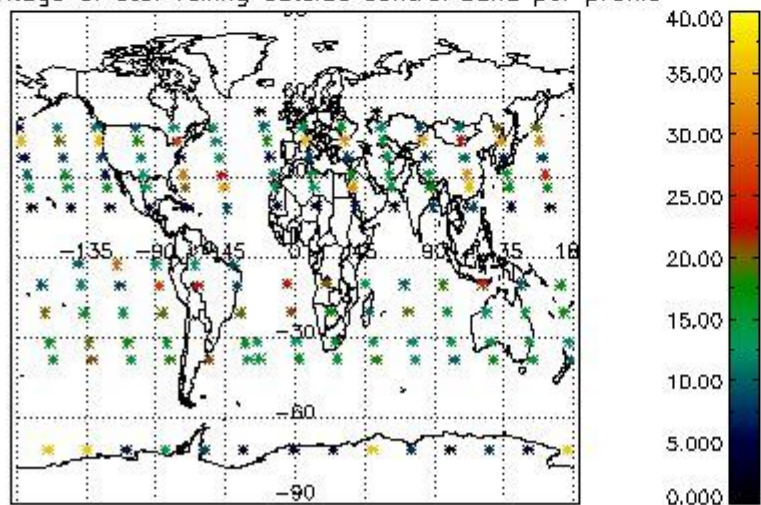
Percentage of cosmic ray hits per profile



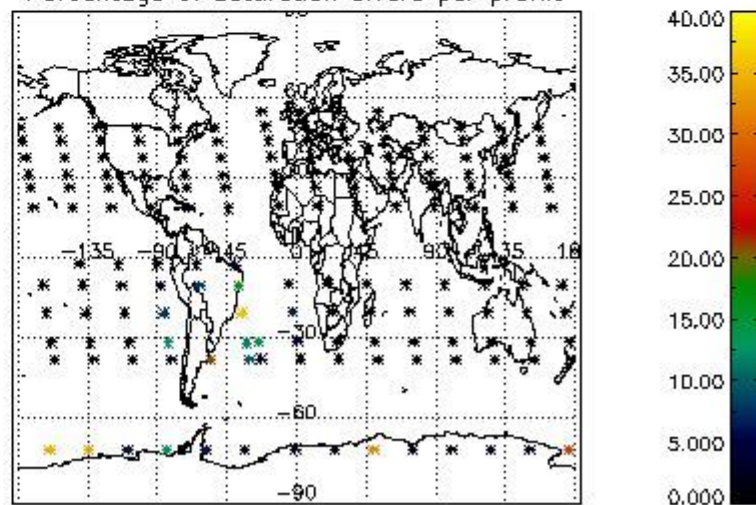
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

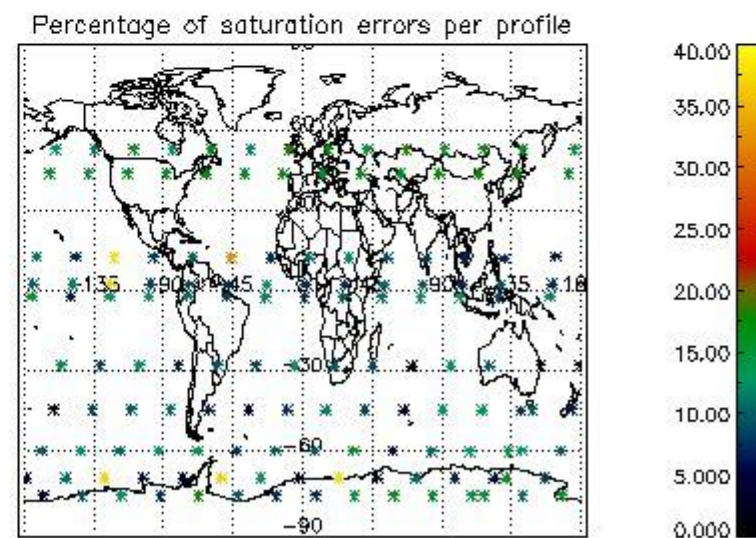
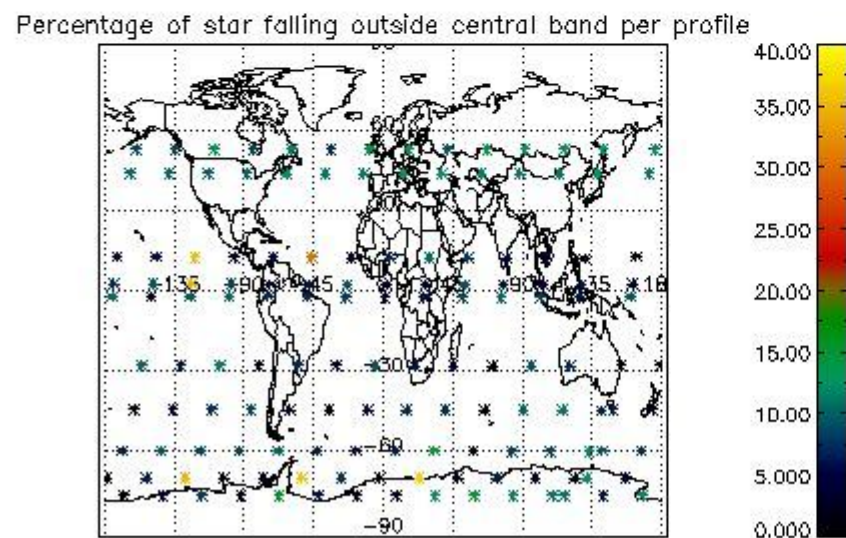
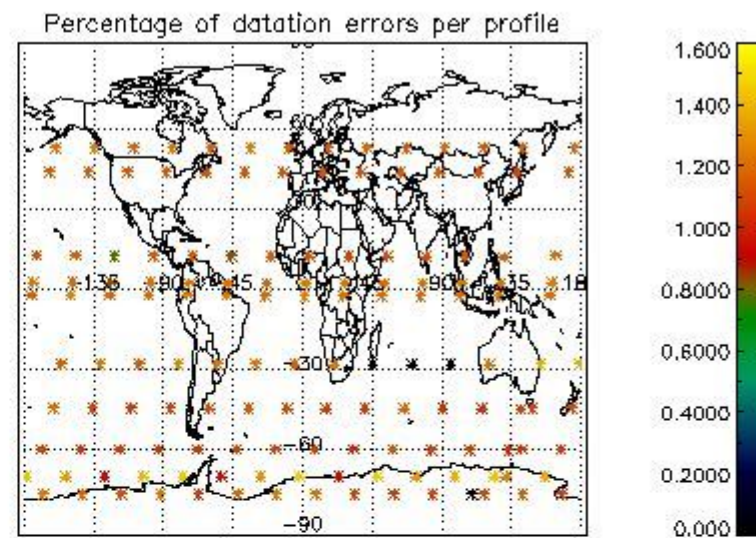
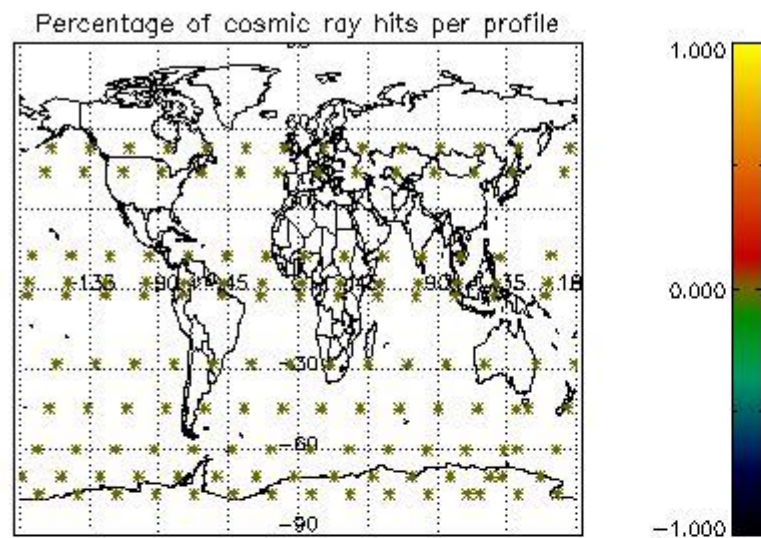


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

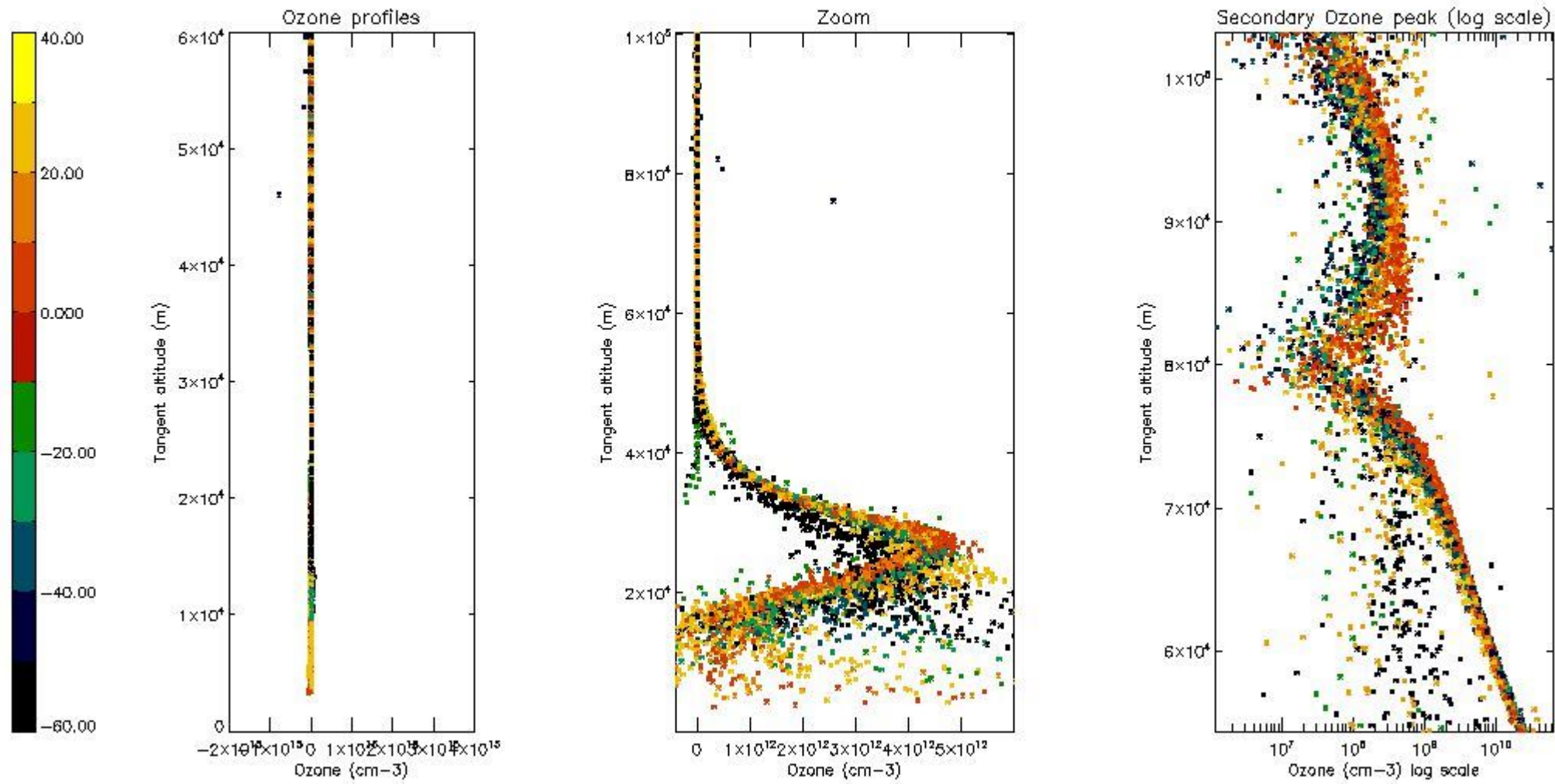
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	27

STD < 10	22
STD < 5	15

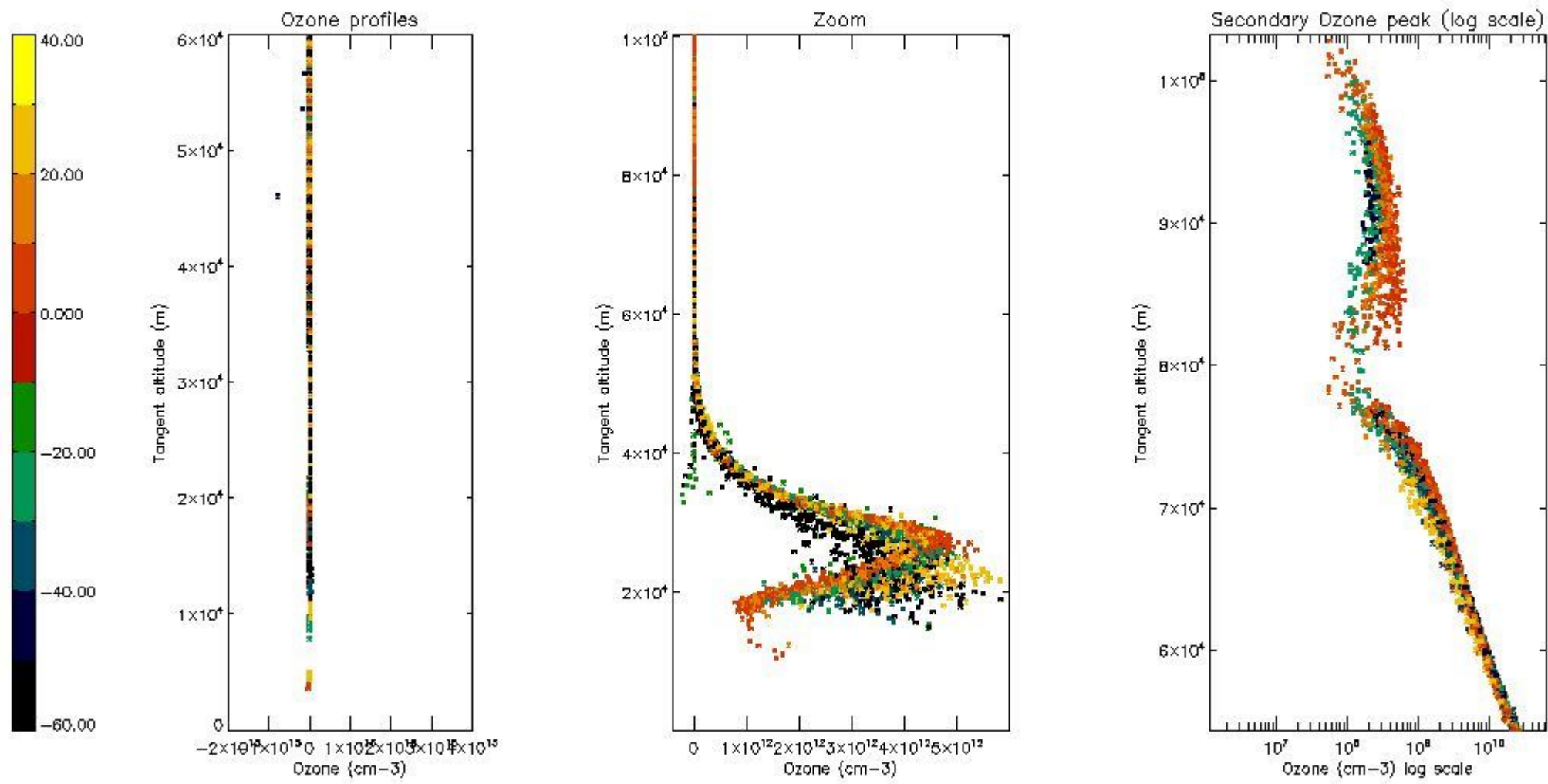
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



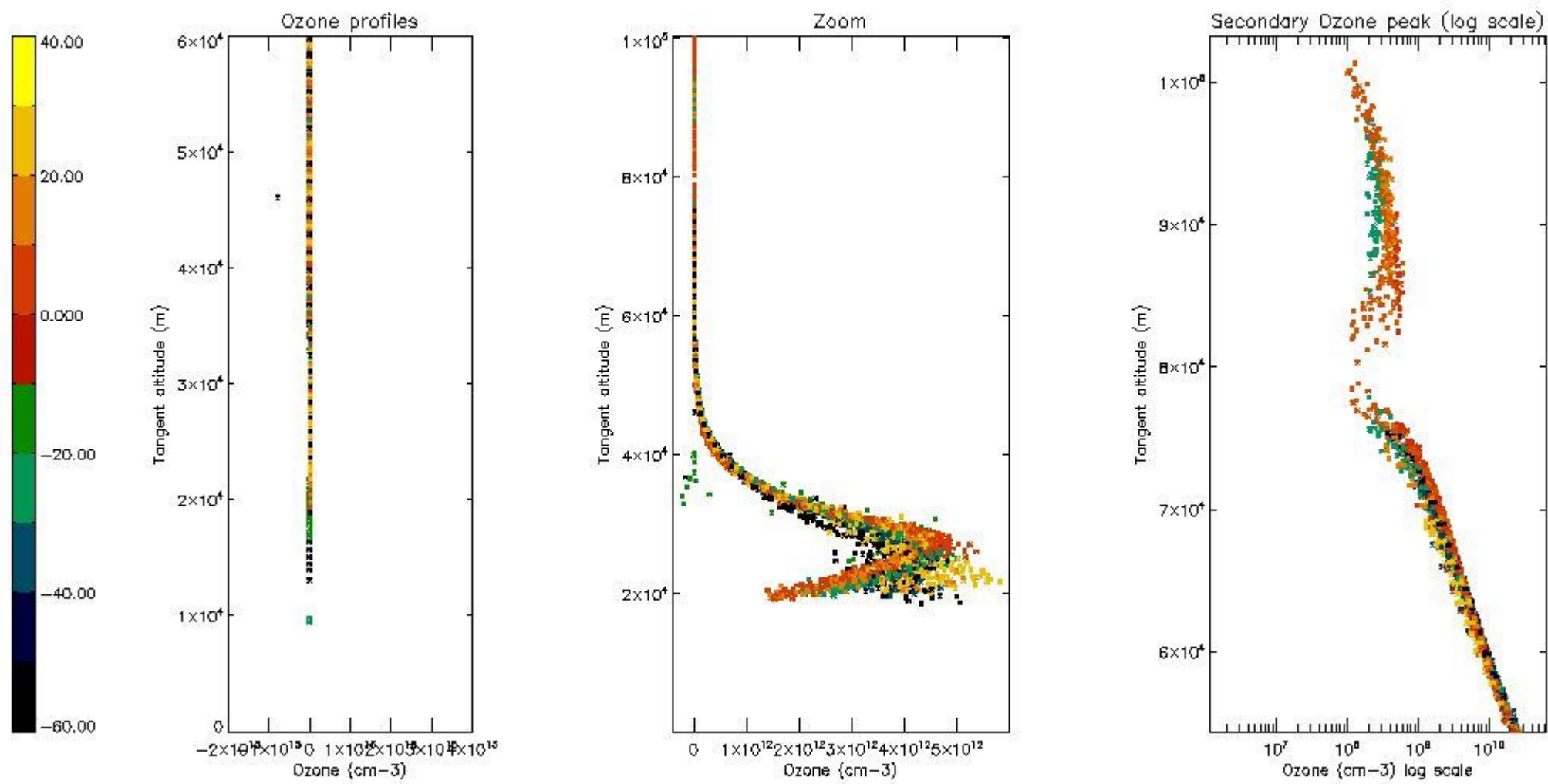
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



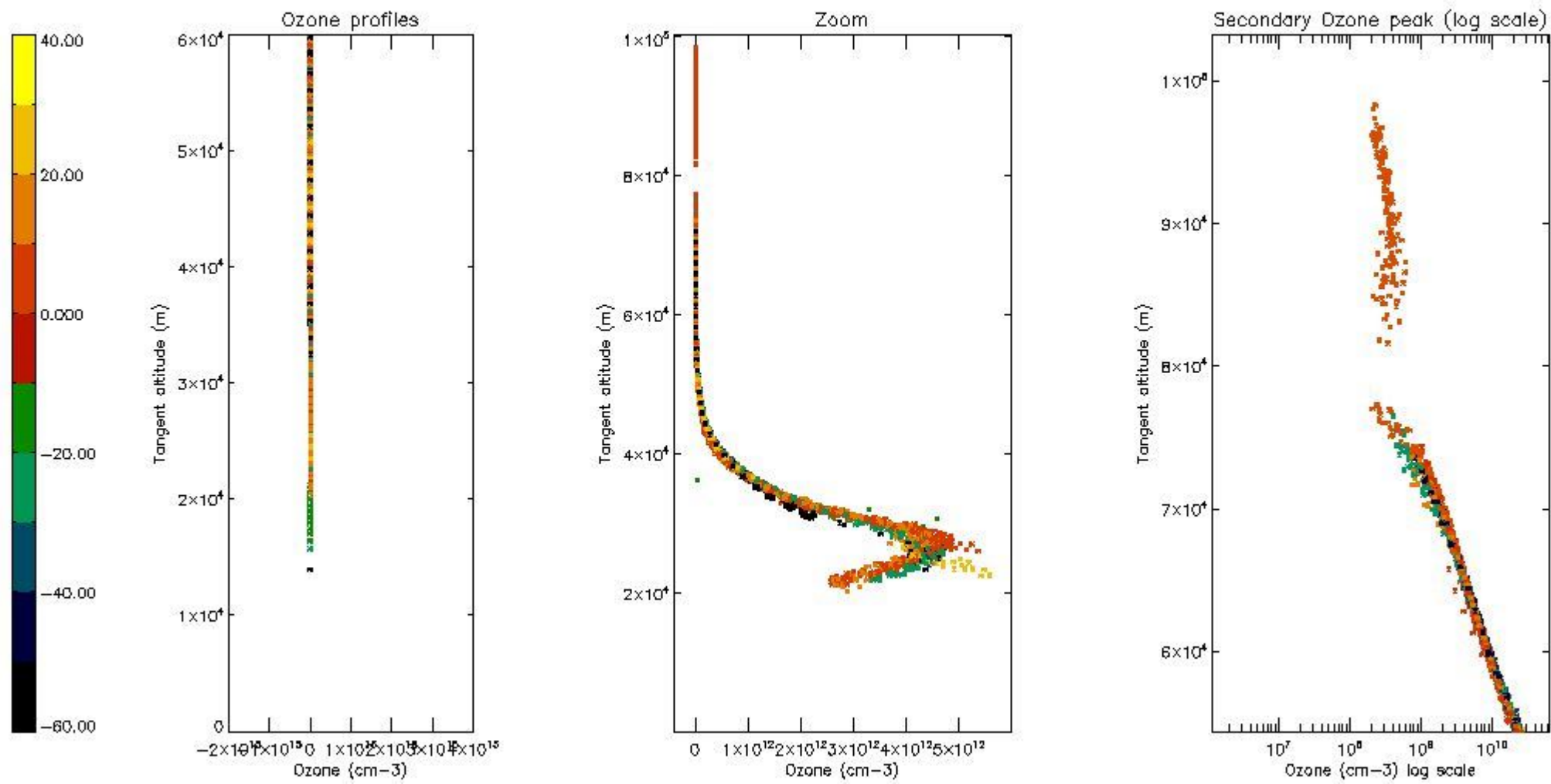
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



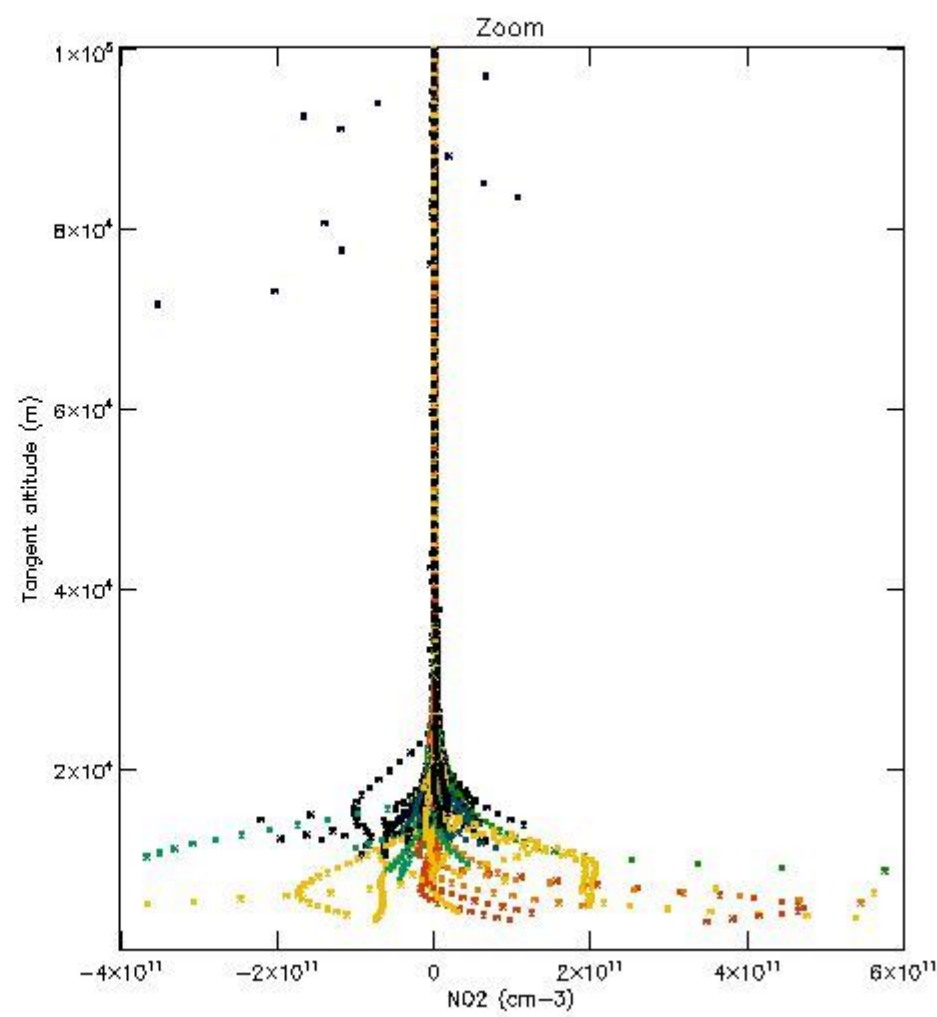
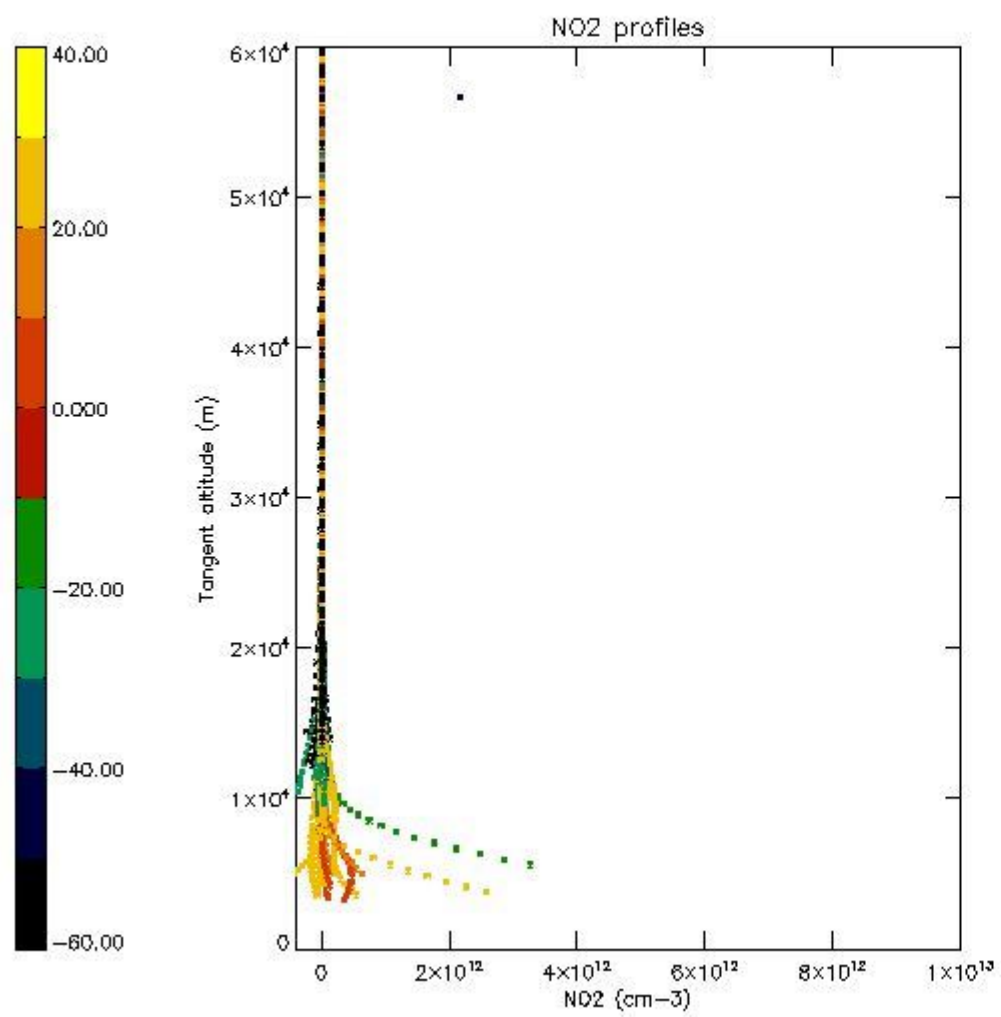
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



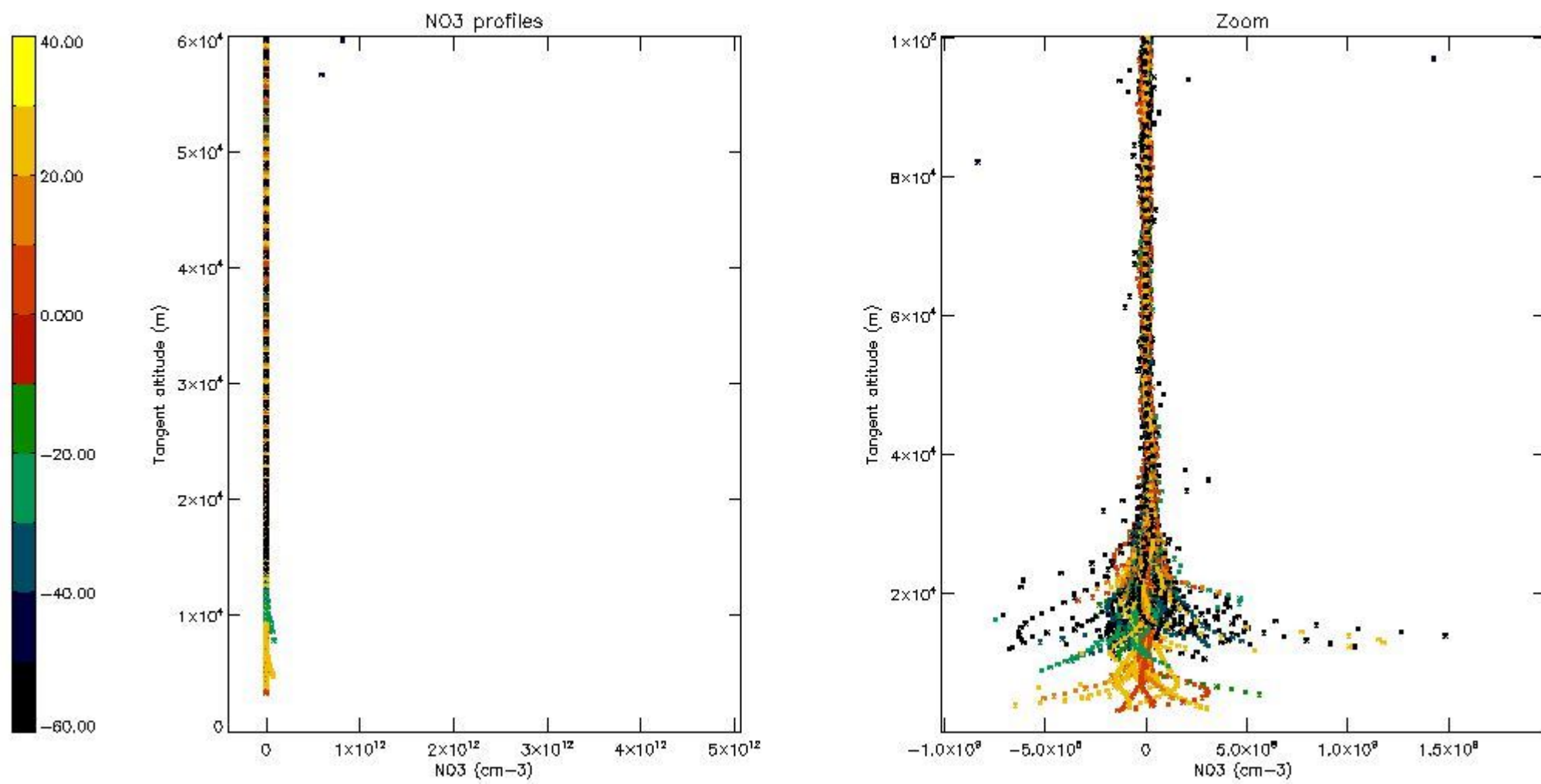
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



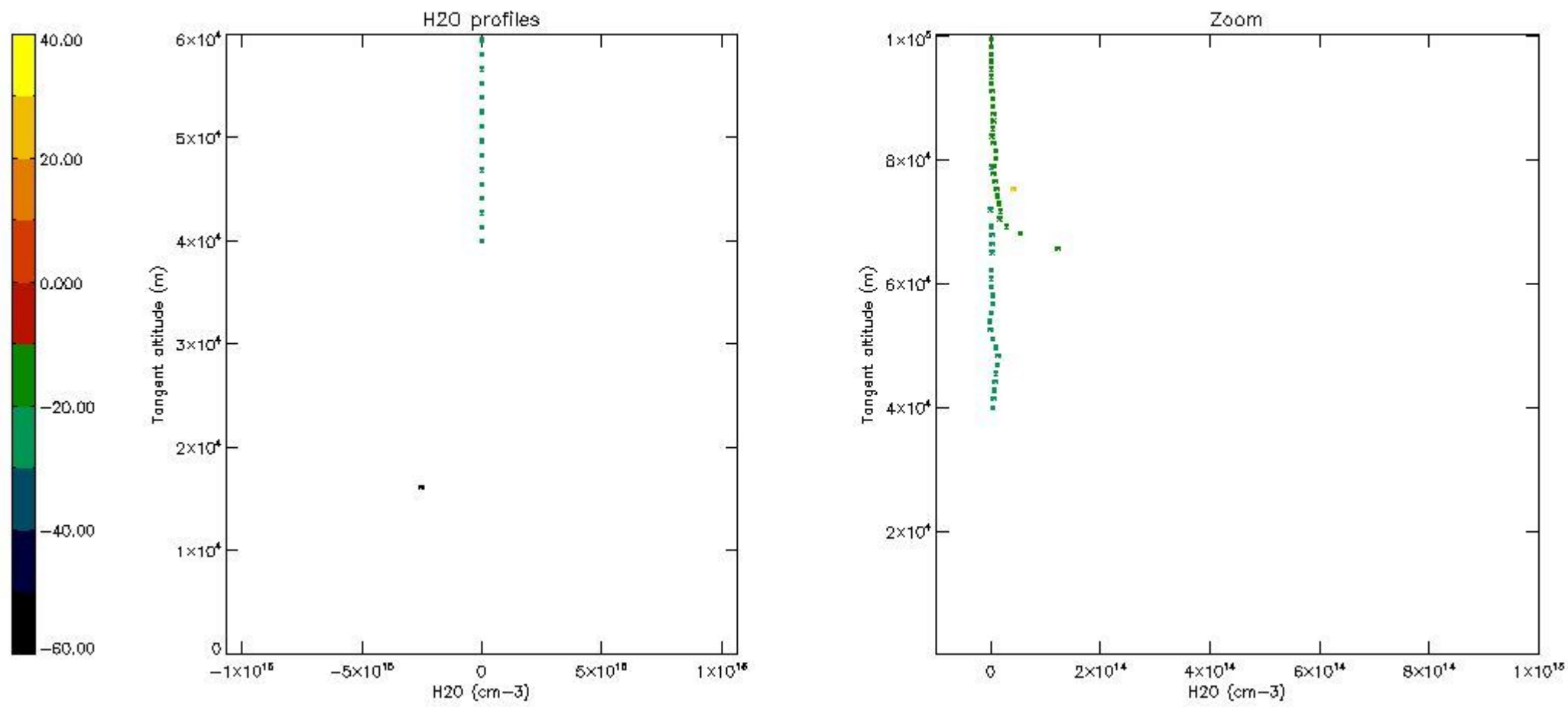
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

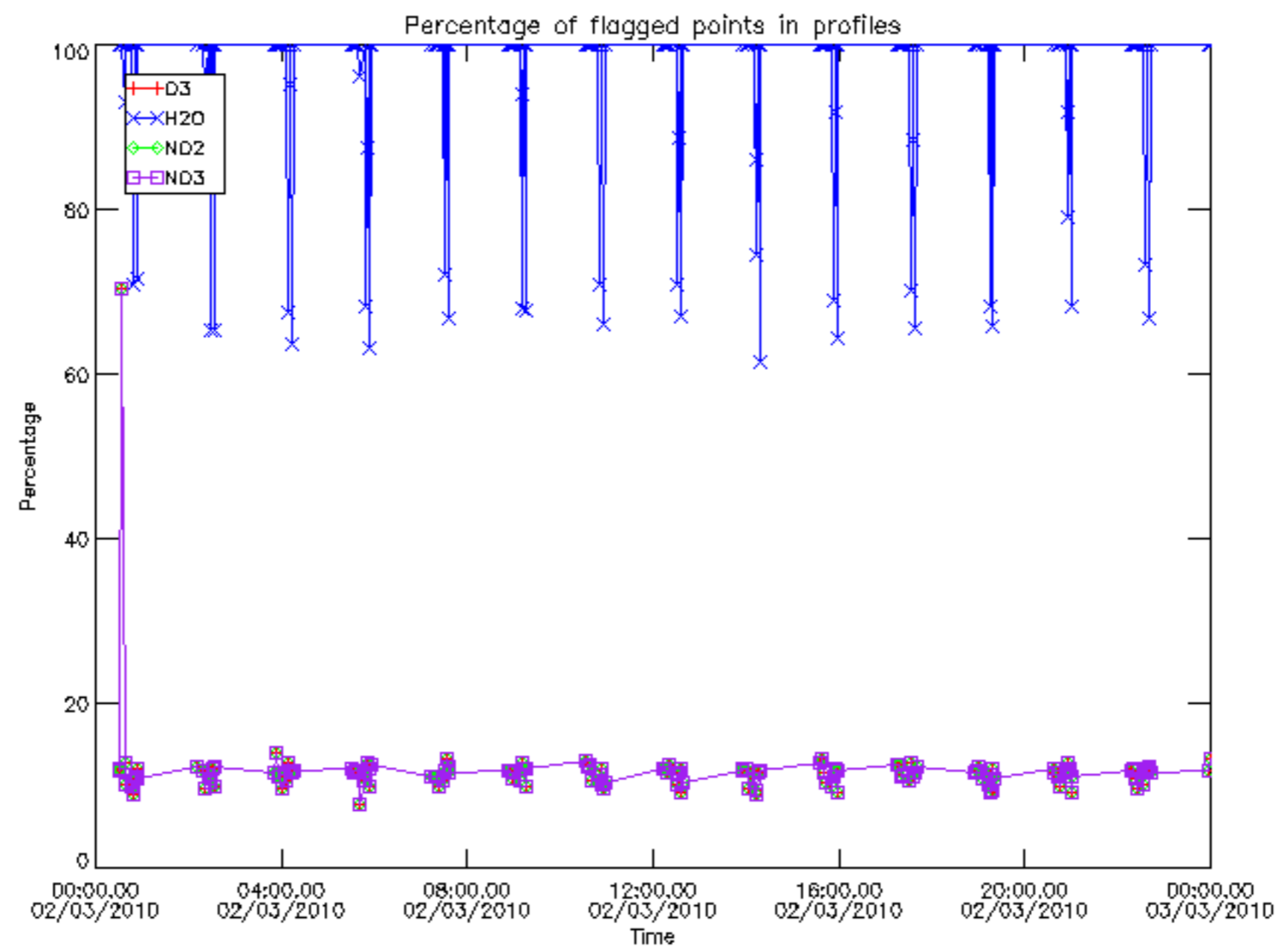


## 6. Auxiliary Data Files used for the production reported in section 2

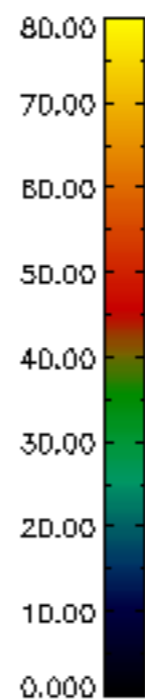
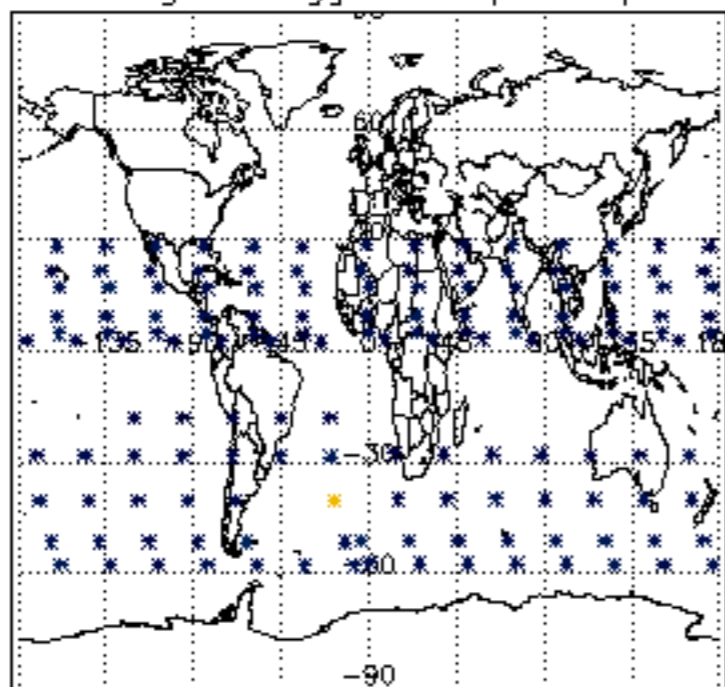
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-MAR-2010 00:02:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-MAR-2010 00:02:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-MAR-2010 00:02:32

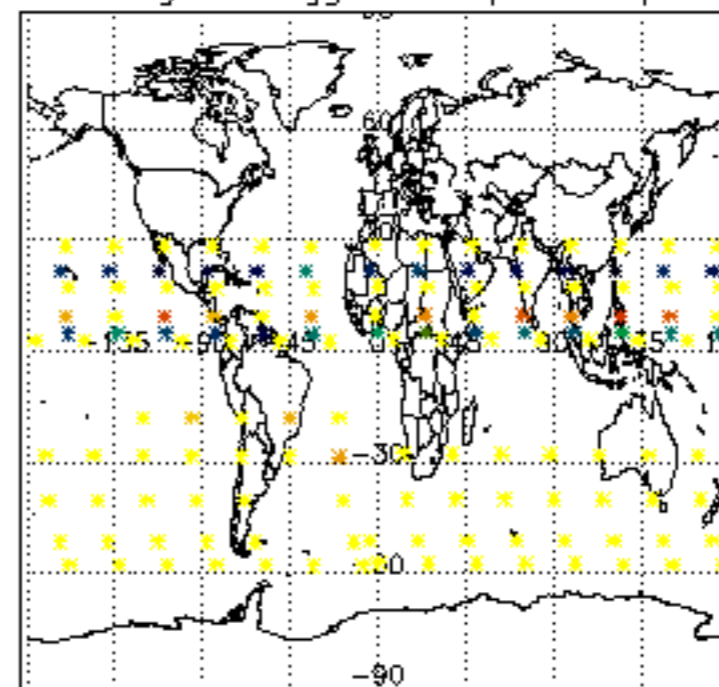




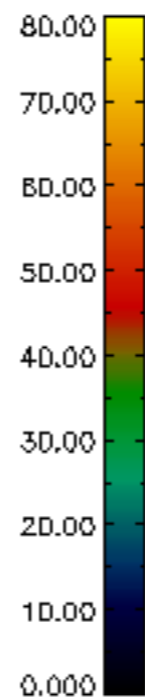
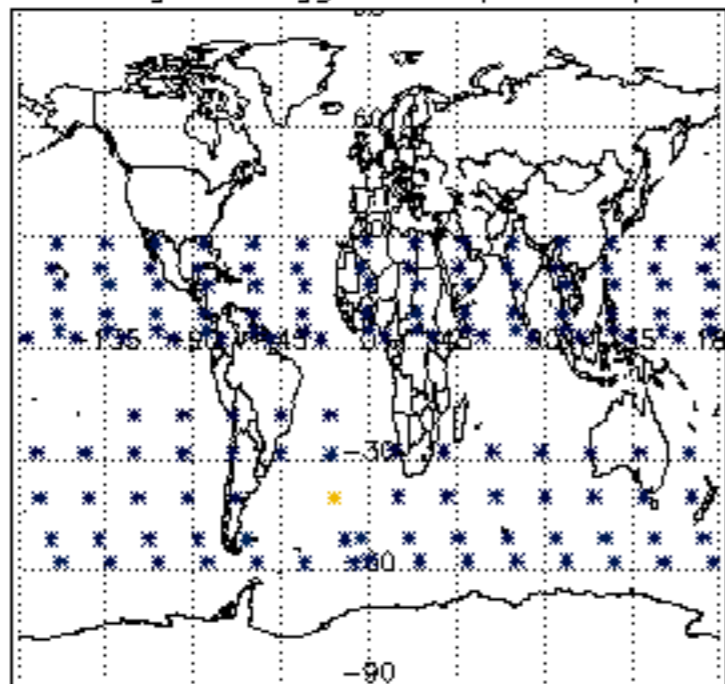
Percentage of flagged data per D3 profile



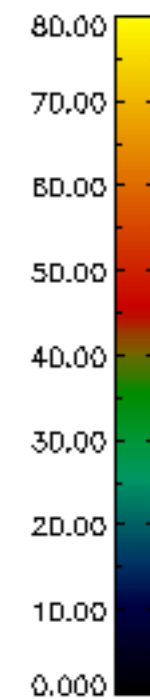
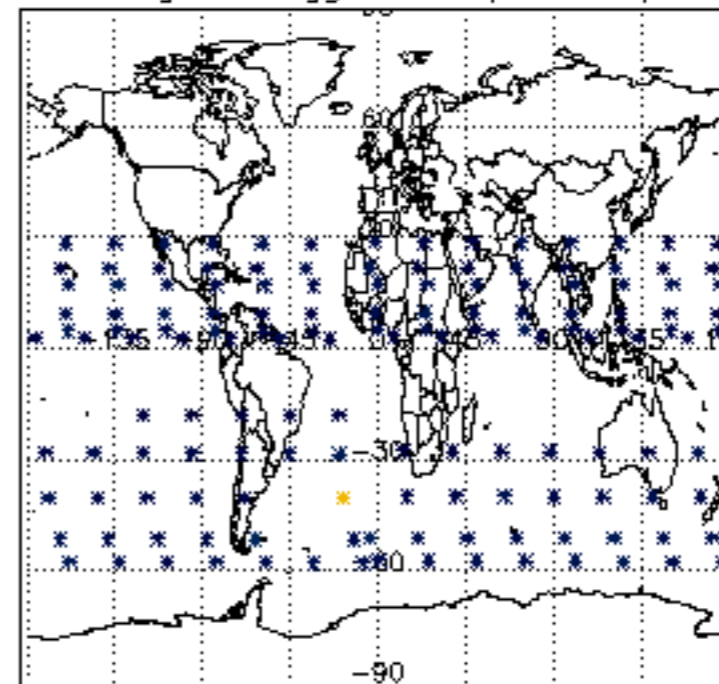
Percentage of flagged data per H2O profile

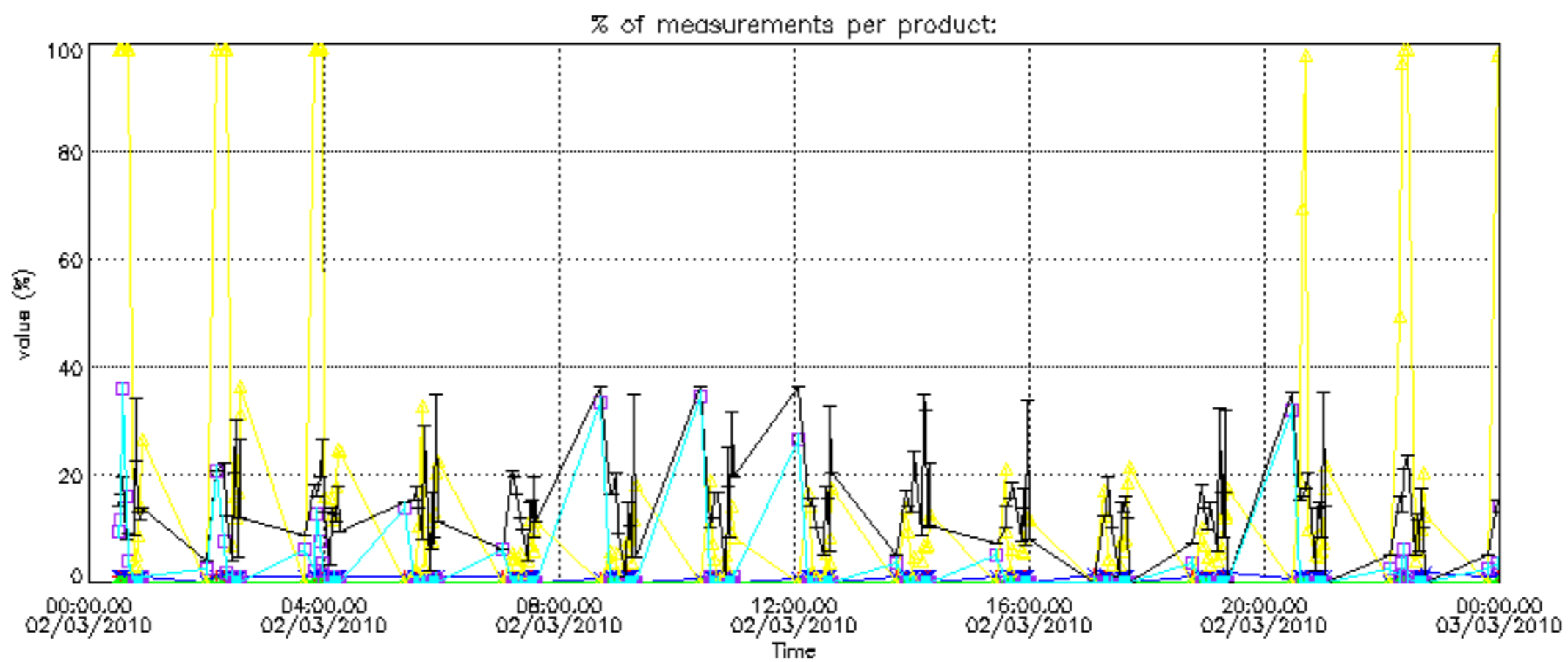


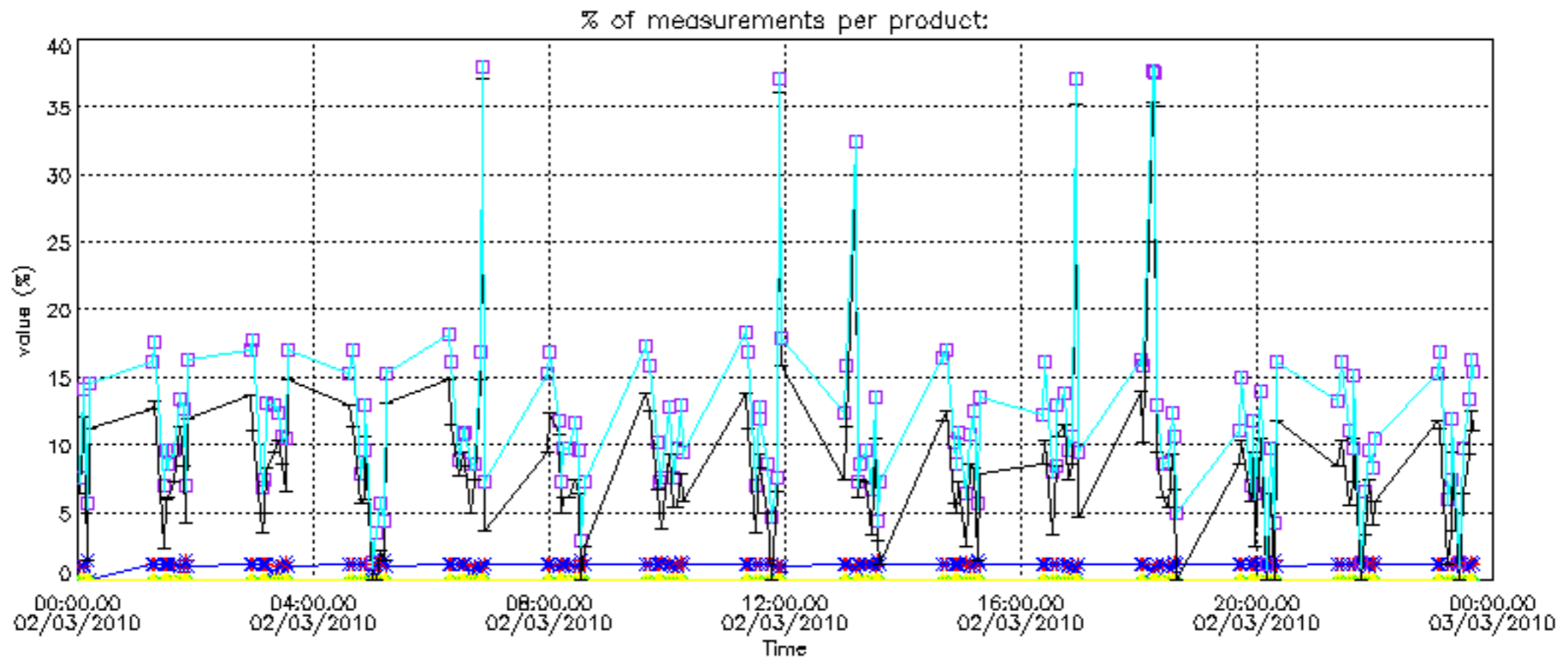
Percentage of flagged data per NO2 profile



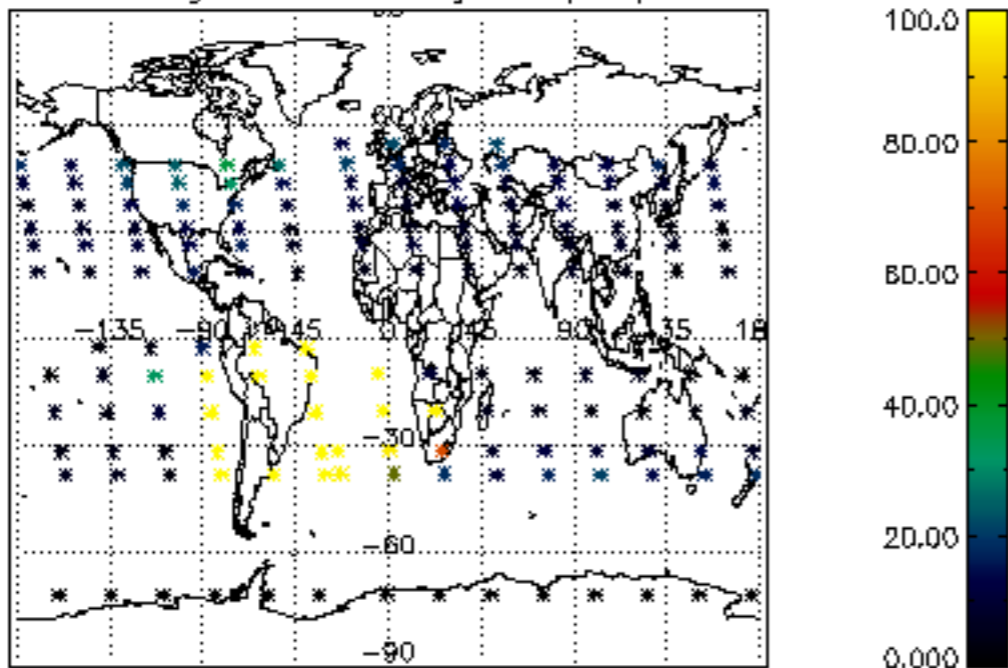
Percentage of flagged data per NO3 profile



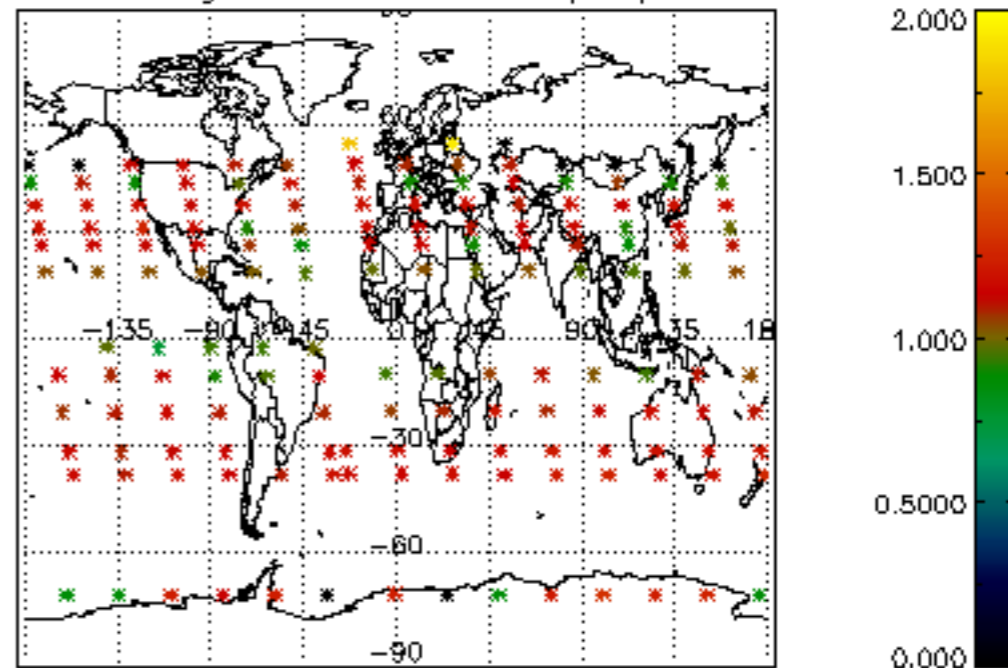




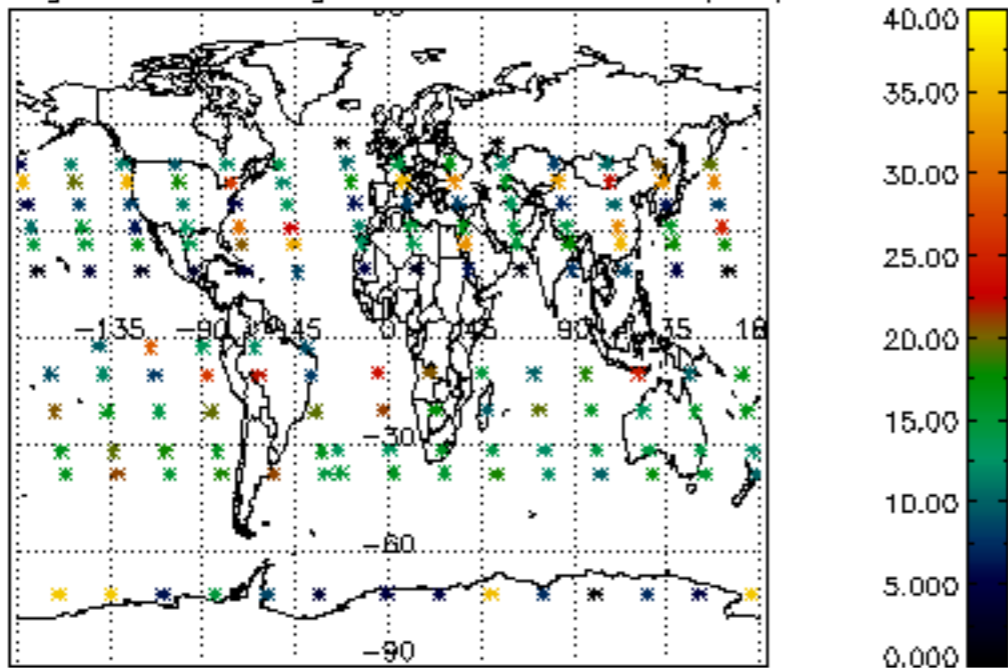
Percentage of cosmic ray hits per profile



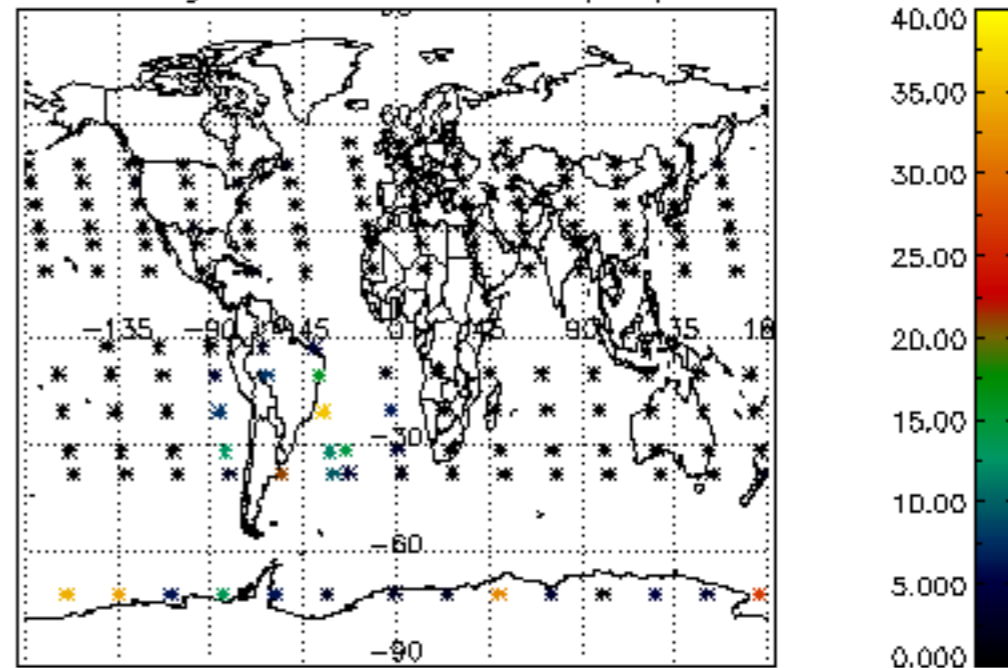
Percentage of datation errors per profile



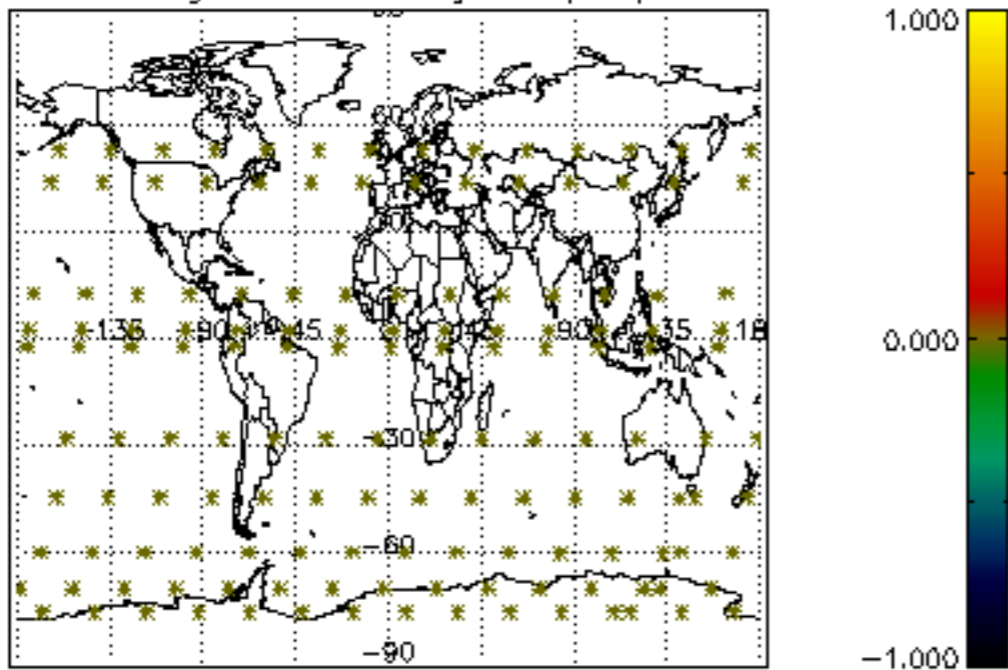
Percentage of star falling outside central band per profile



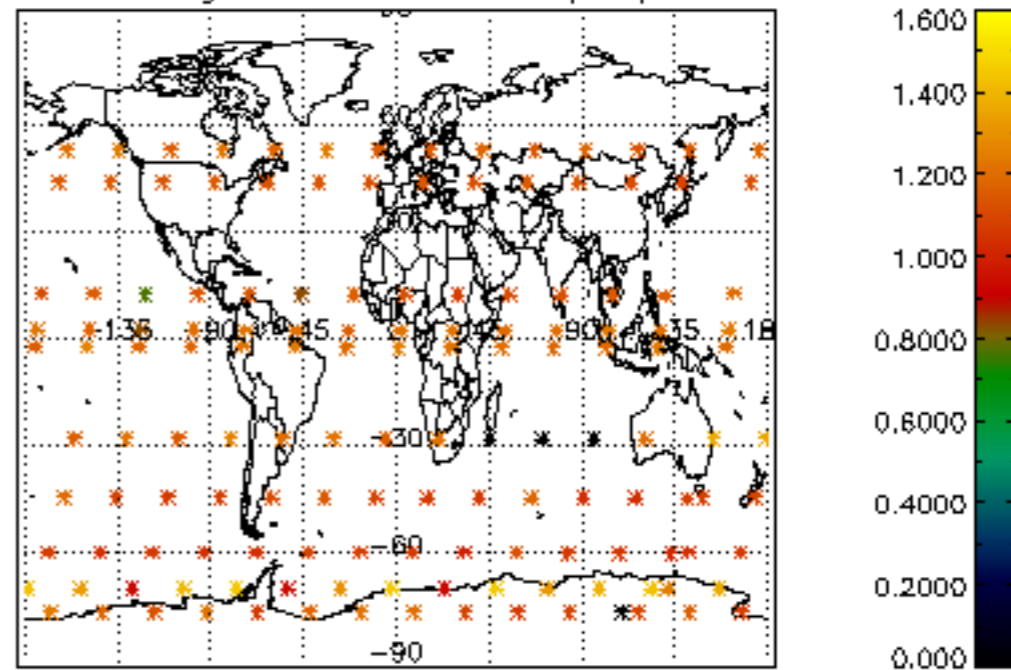
Percentage of saturation errors per profile



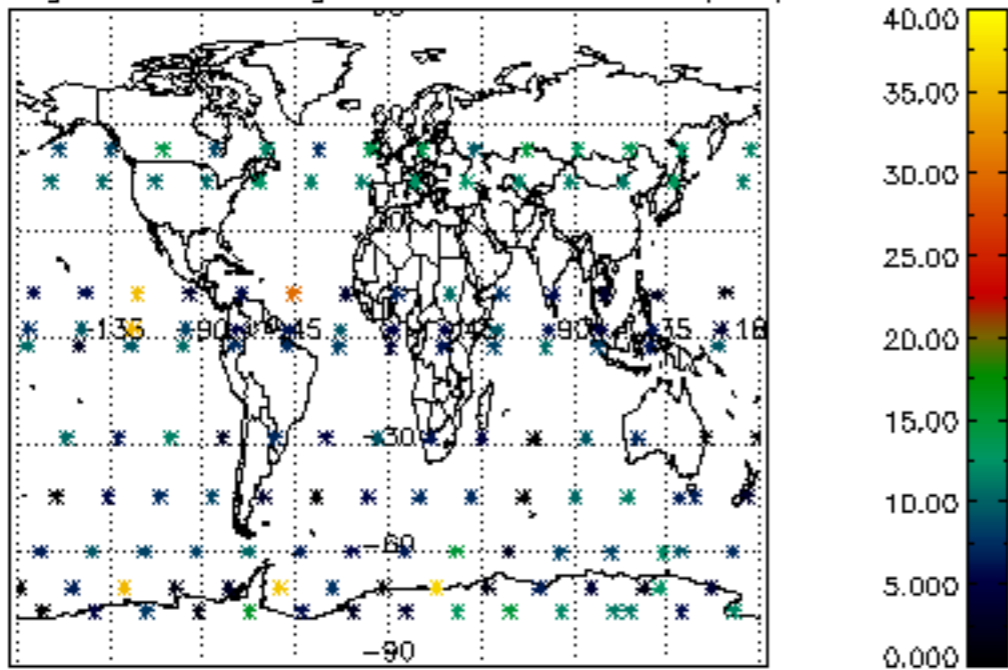
Percentage of cosmic ray hits per profile



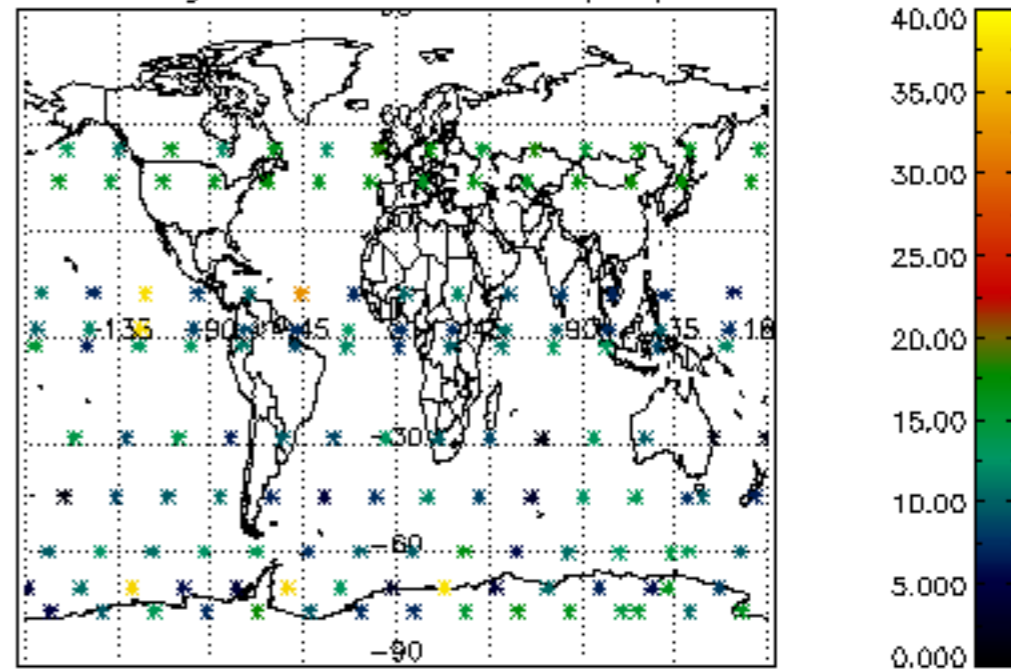
Percentage of datation errors per profile

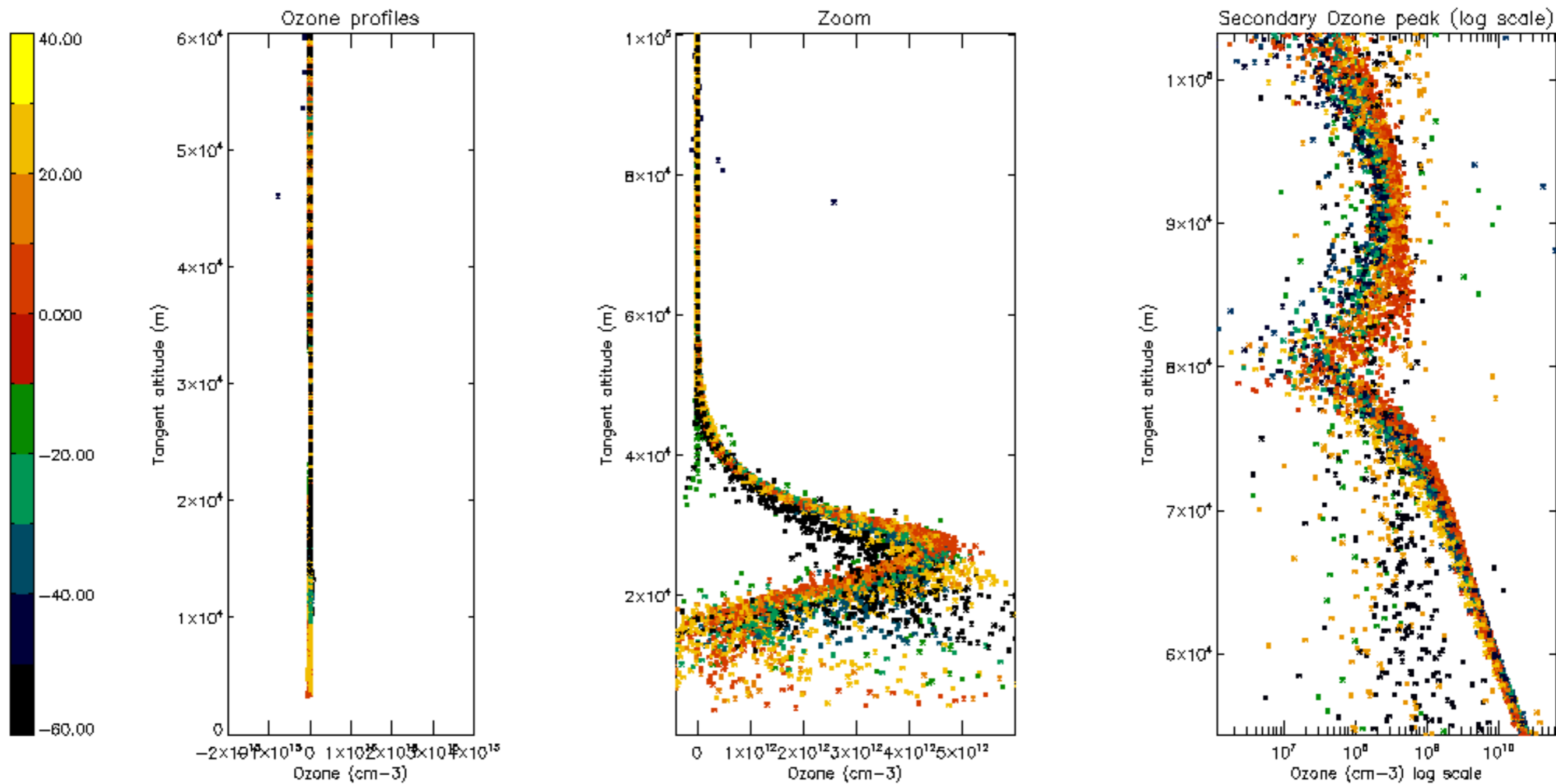


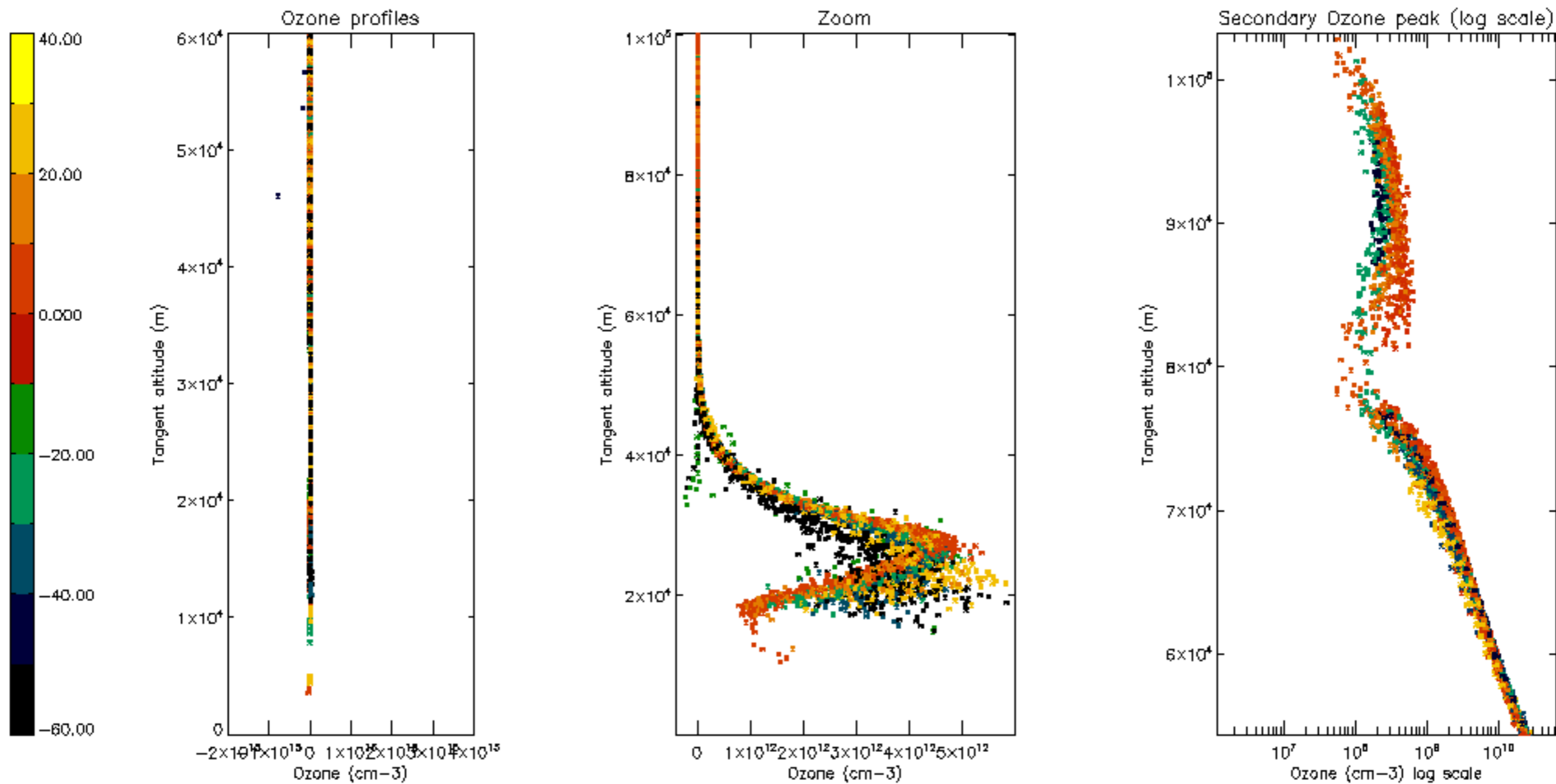
Percentage of star falling outside central band per profile



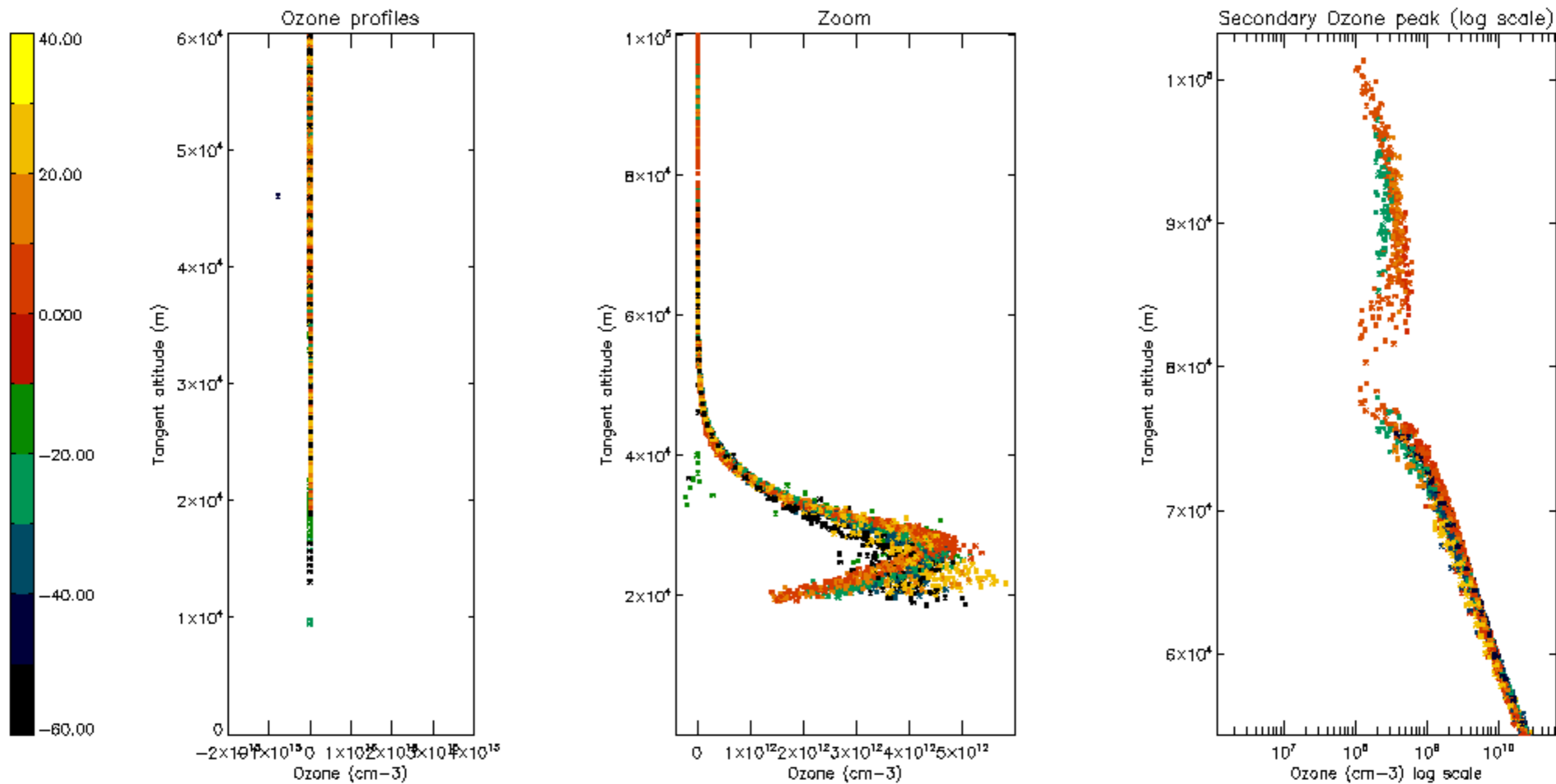
Percentage of saturation errors per profile

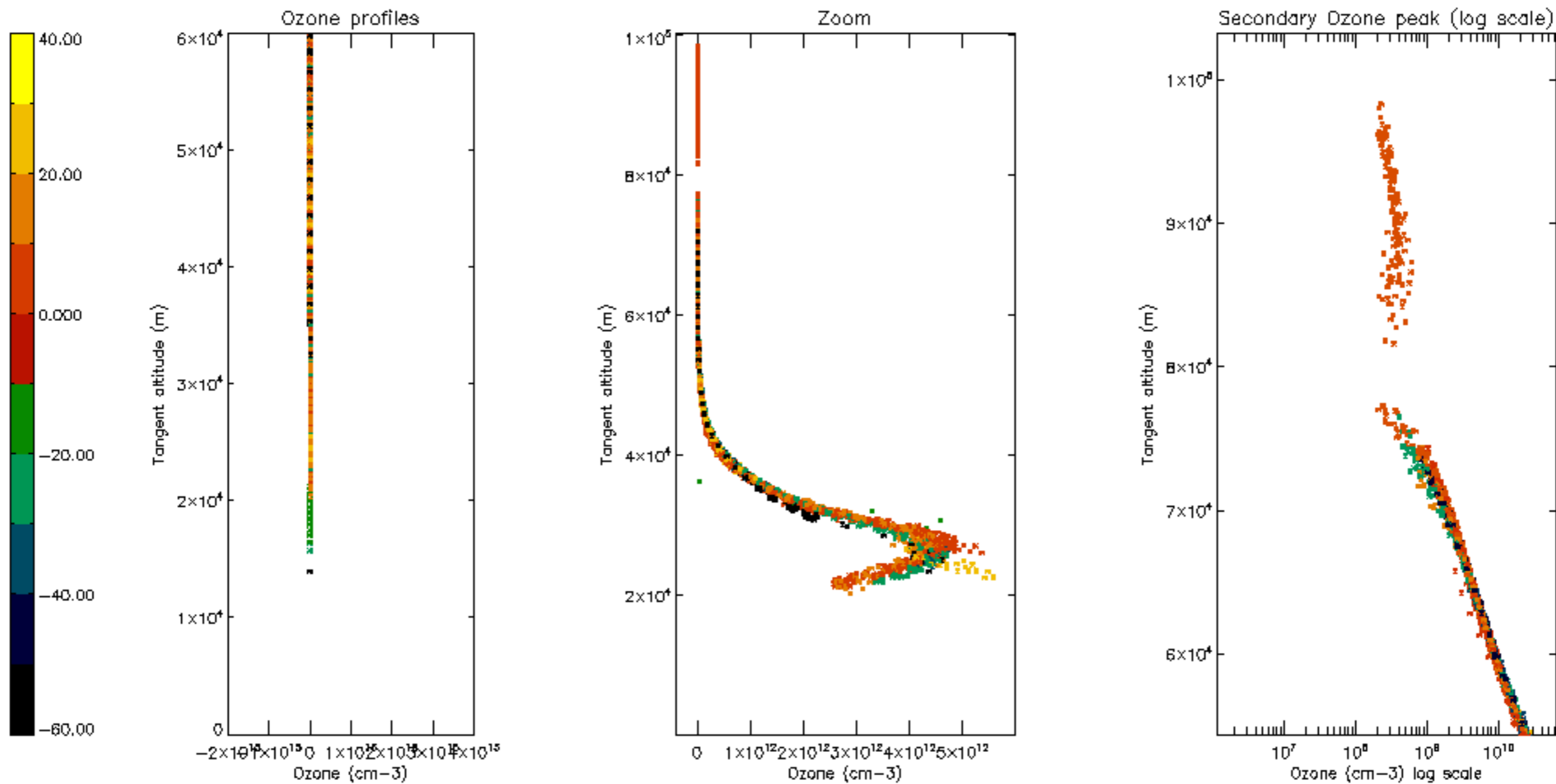


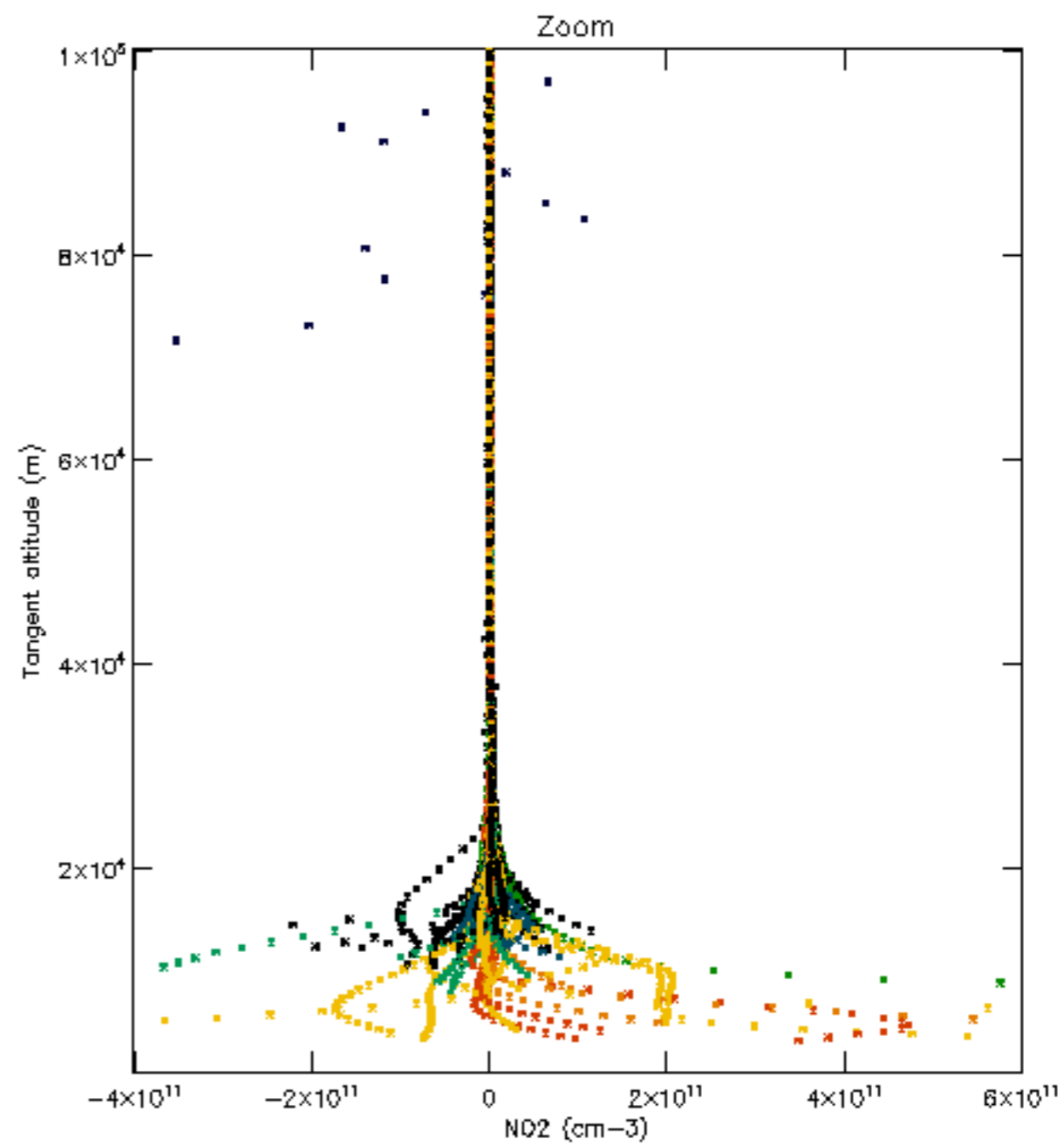
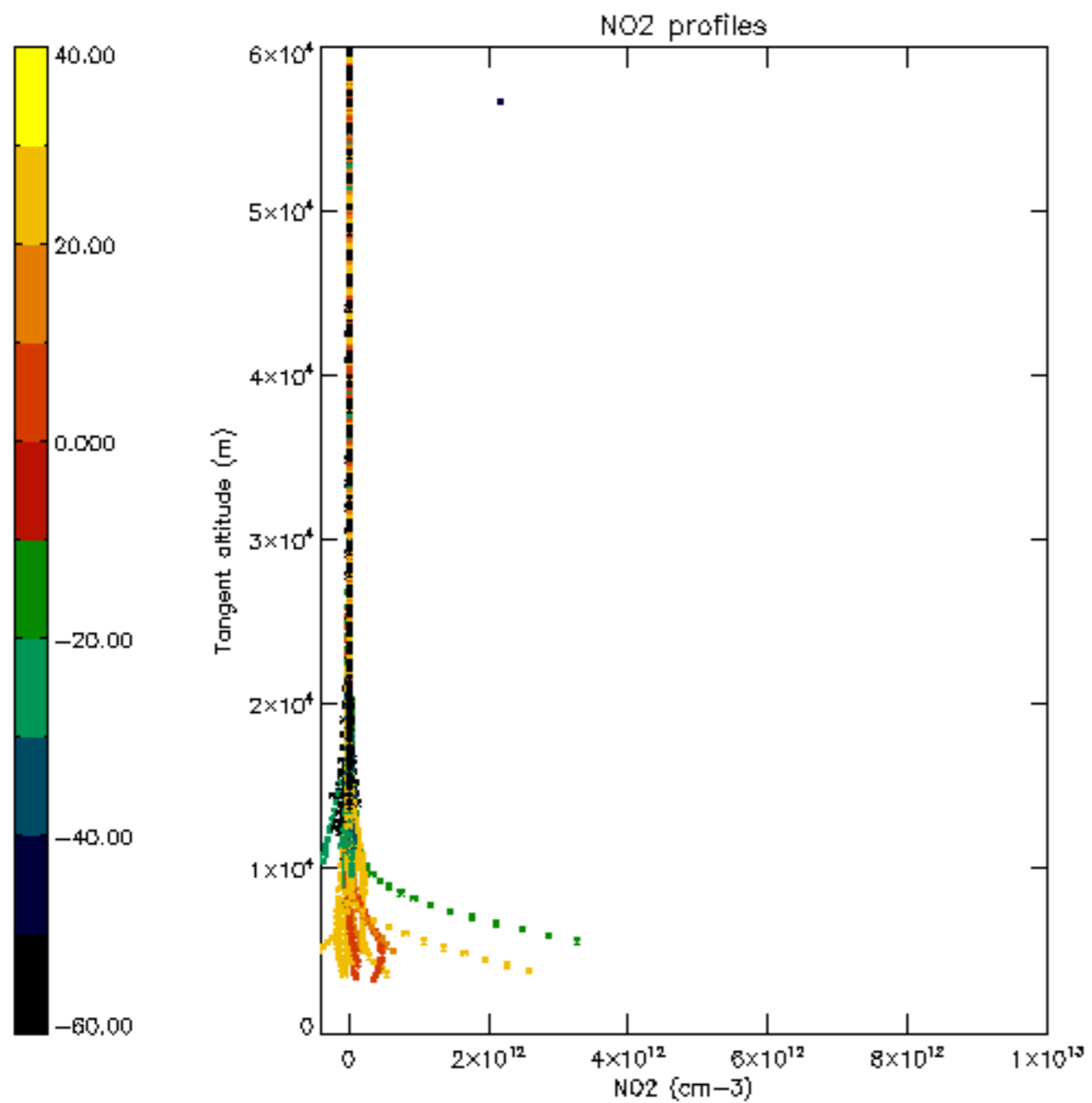


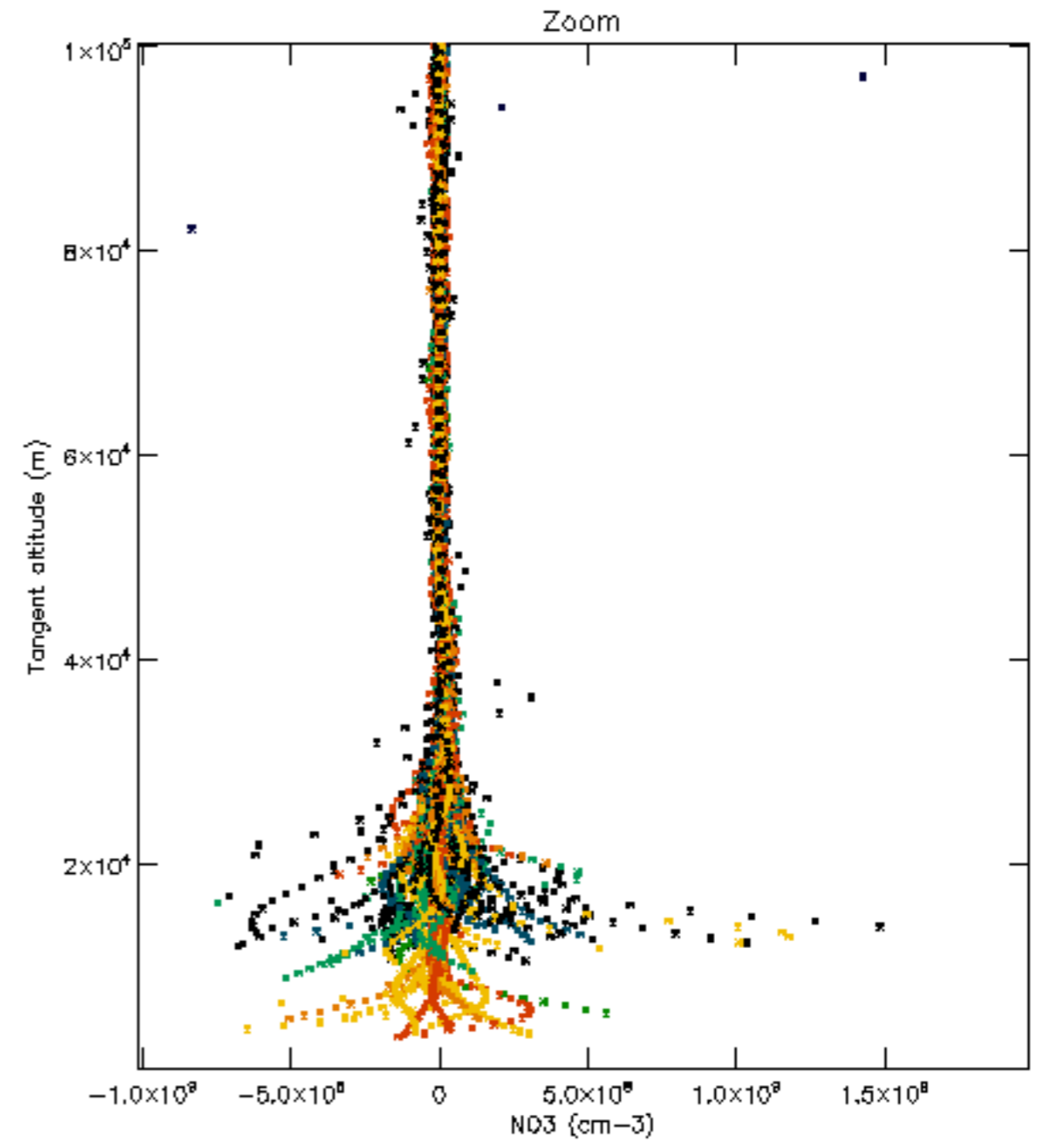
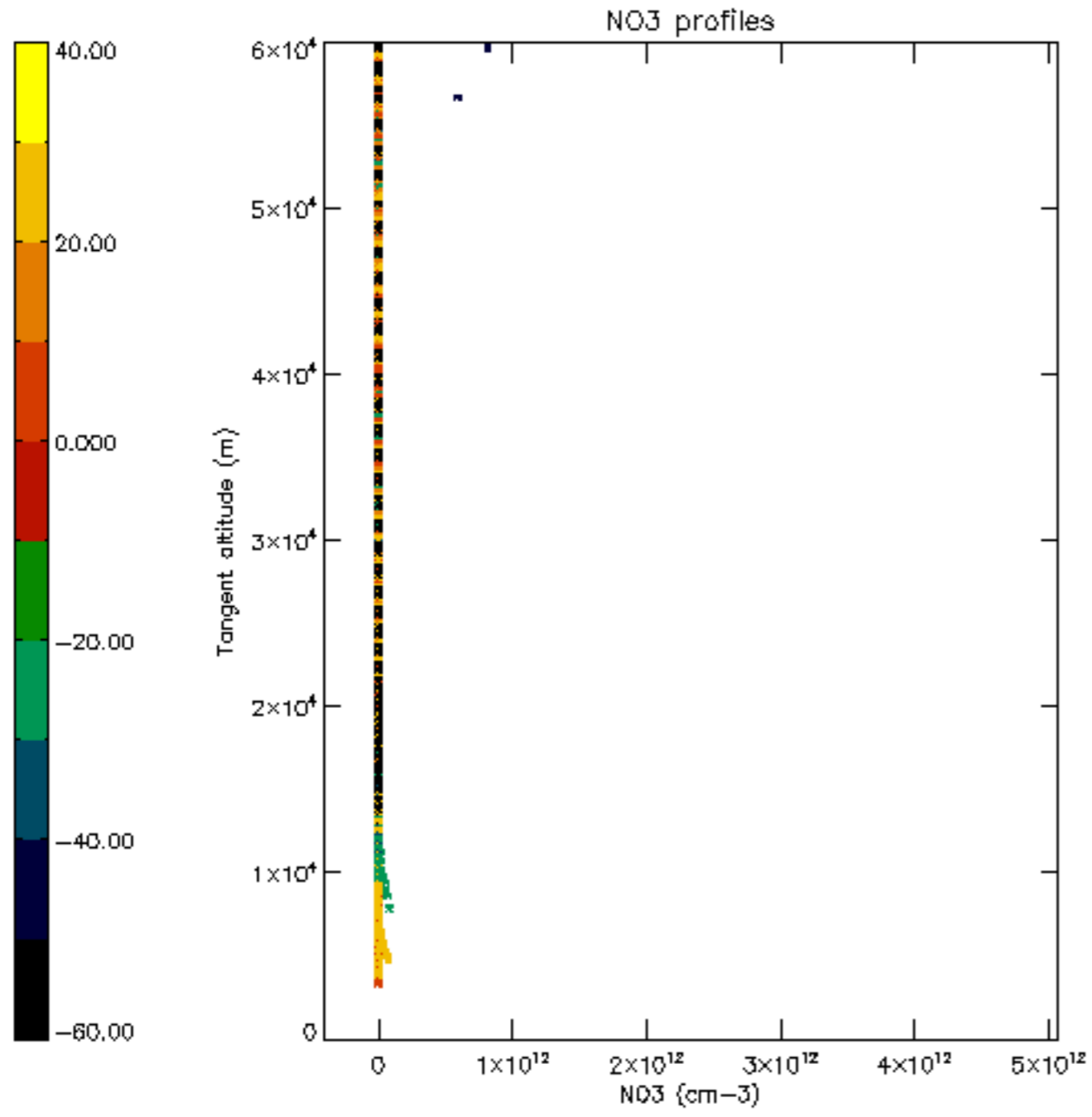


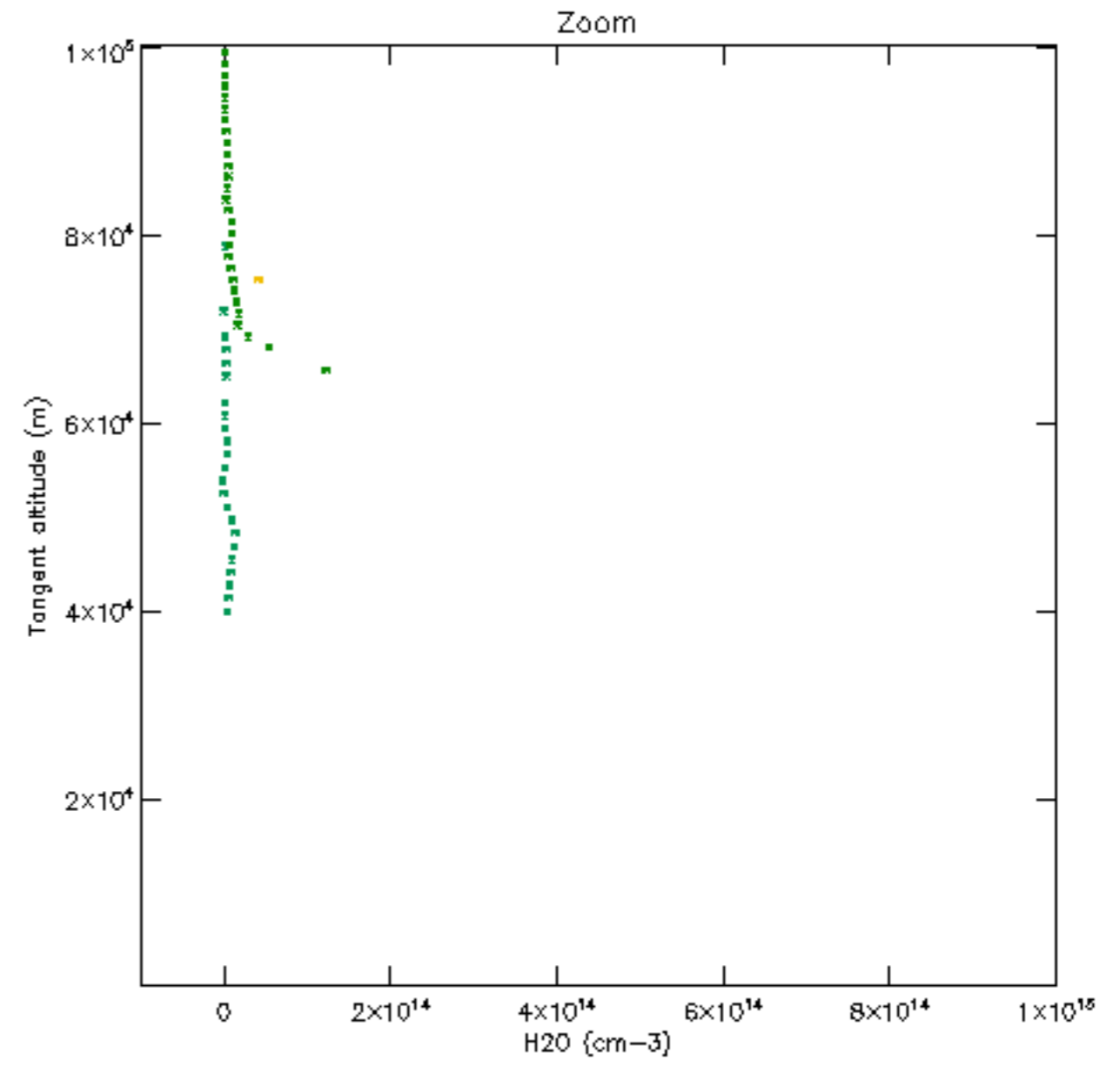
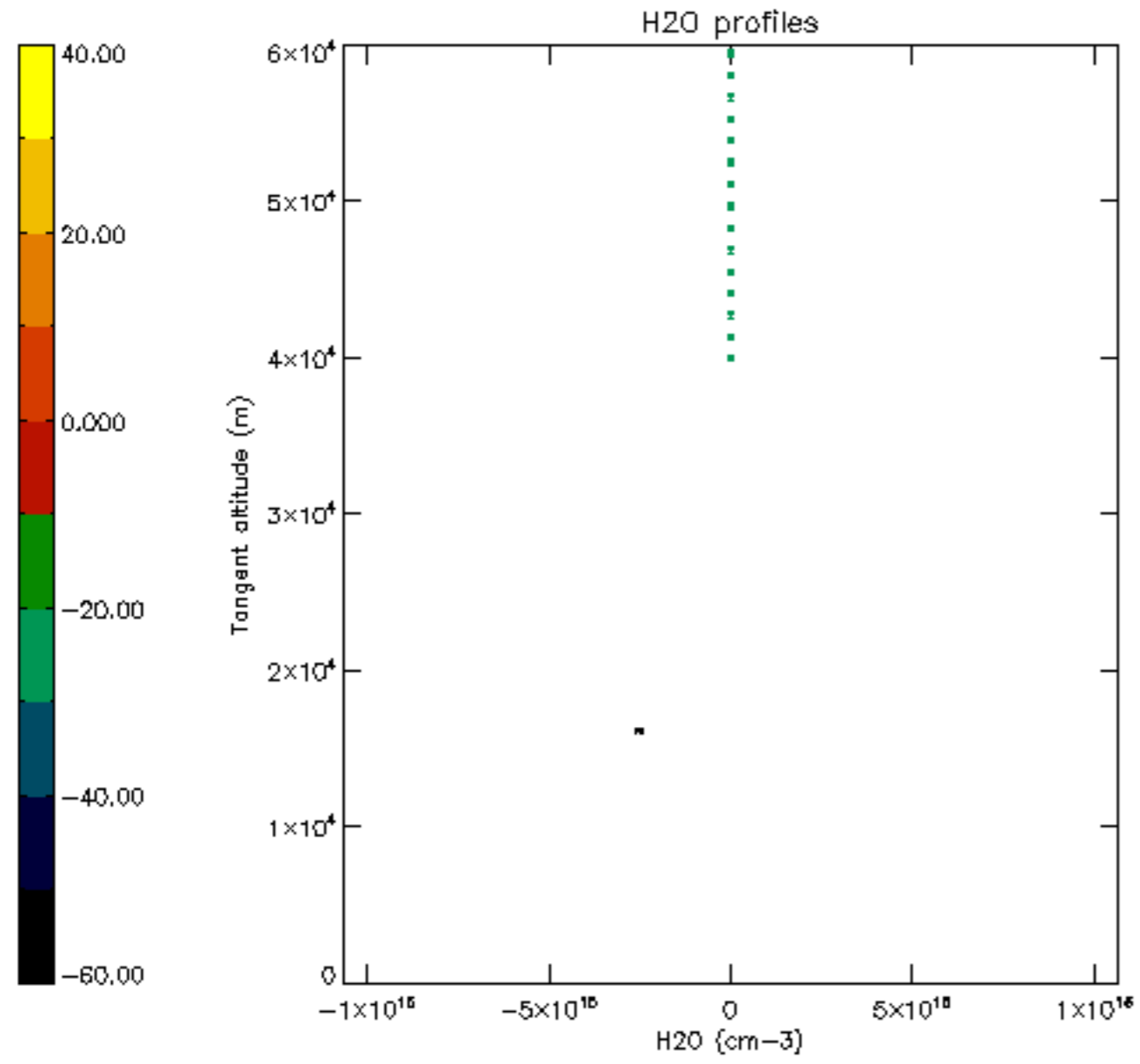


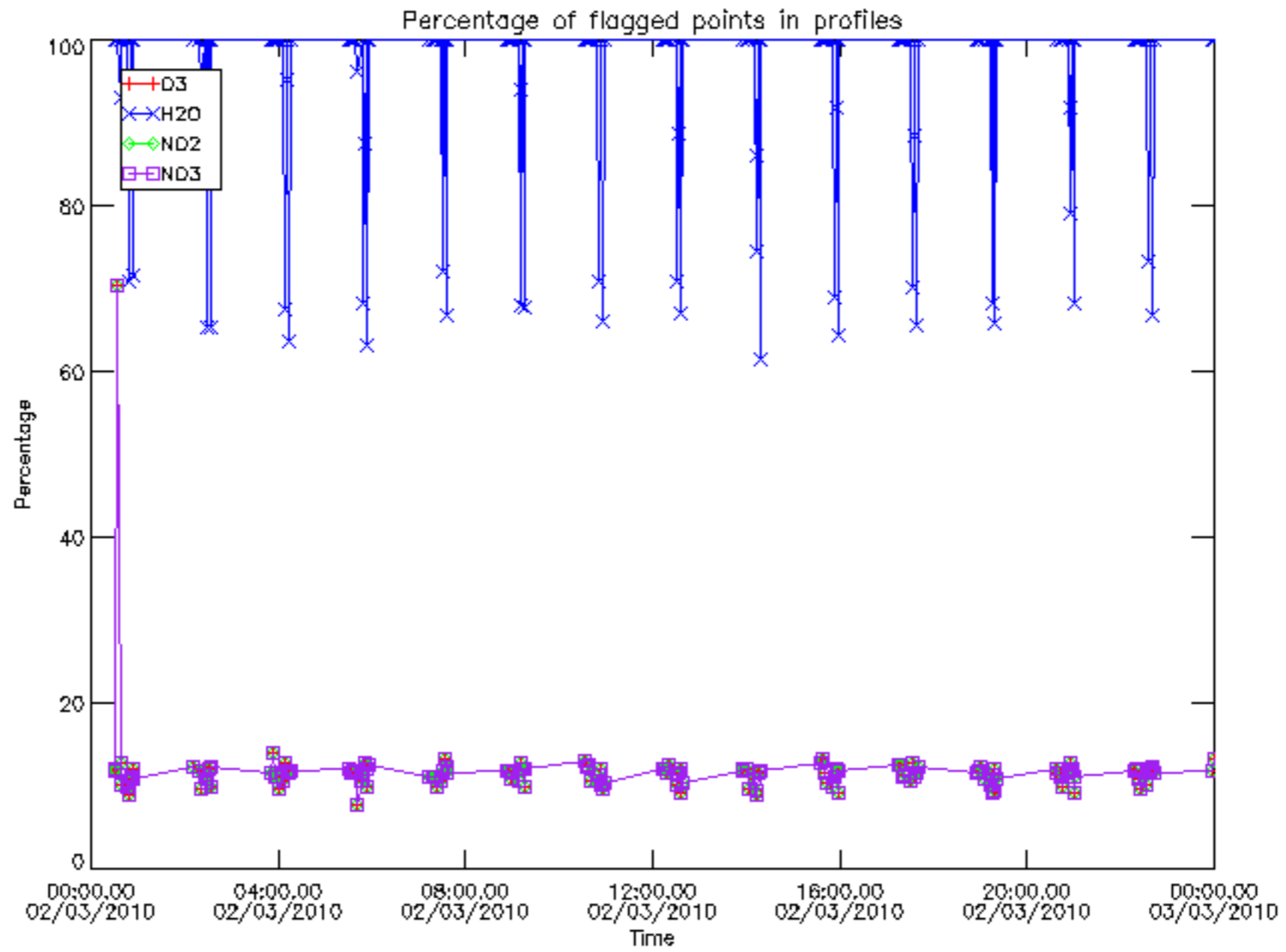




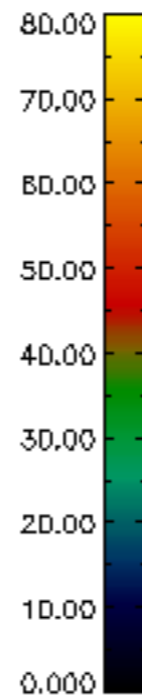
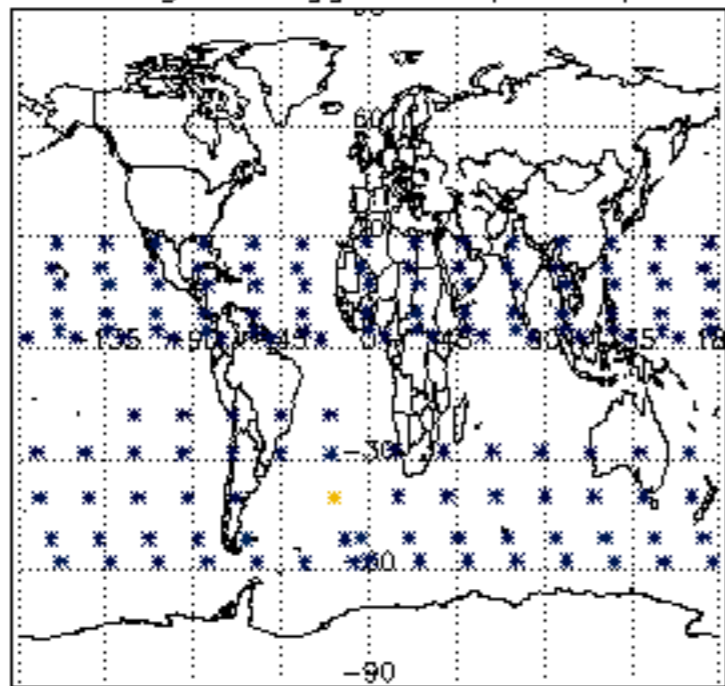




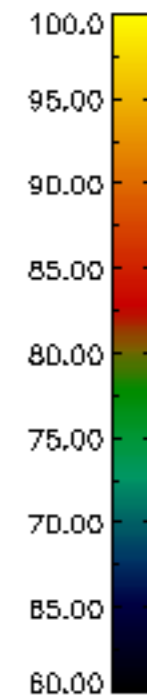
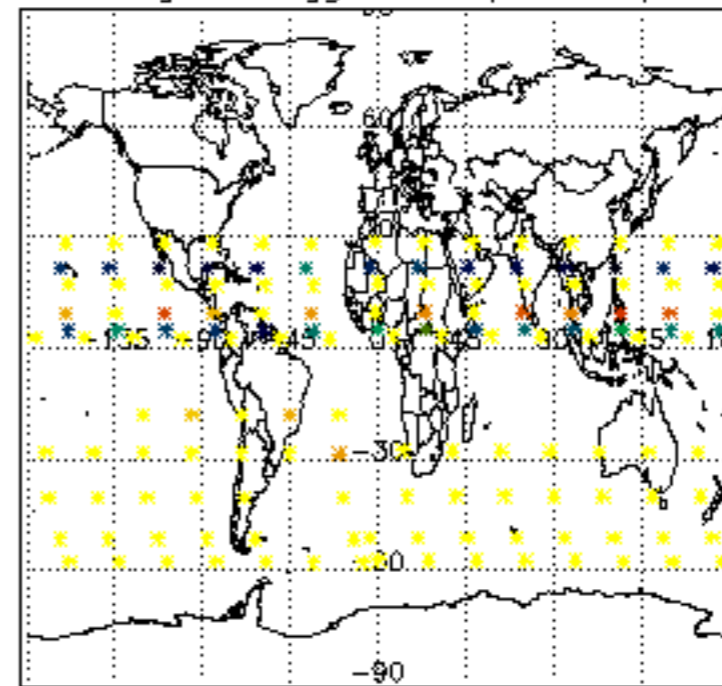




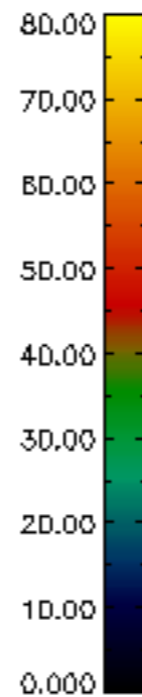
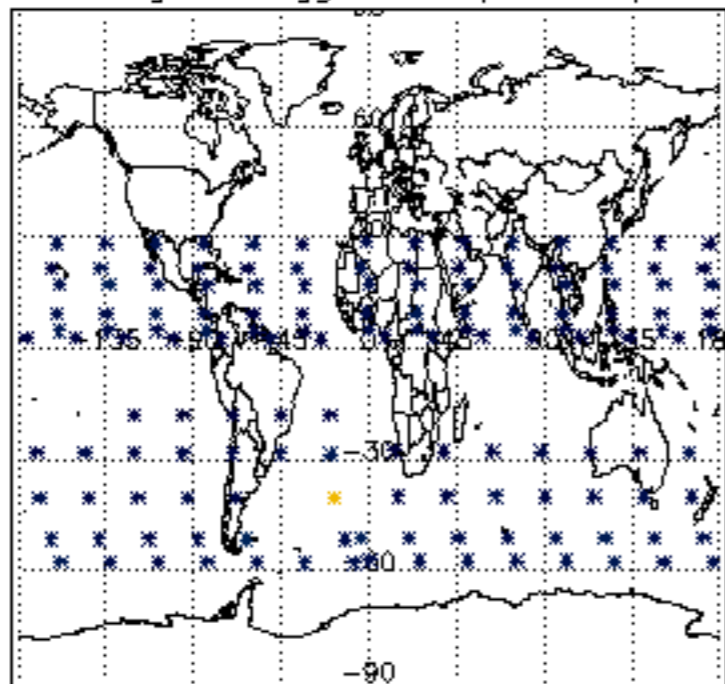
Percentage of flagged data per D3 profile



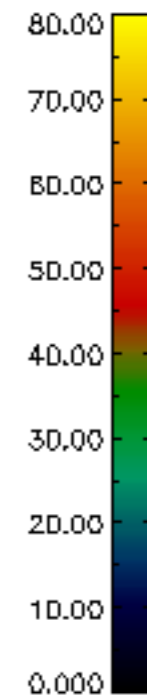
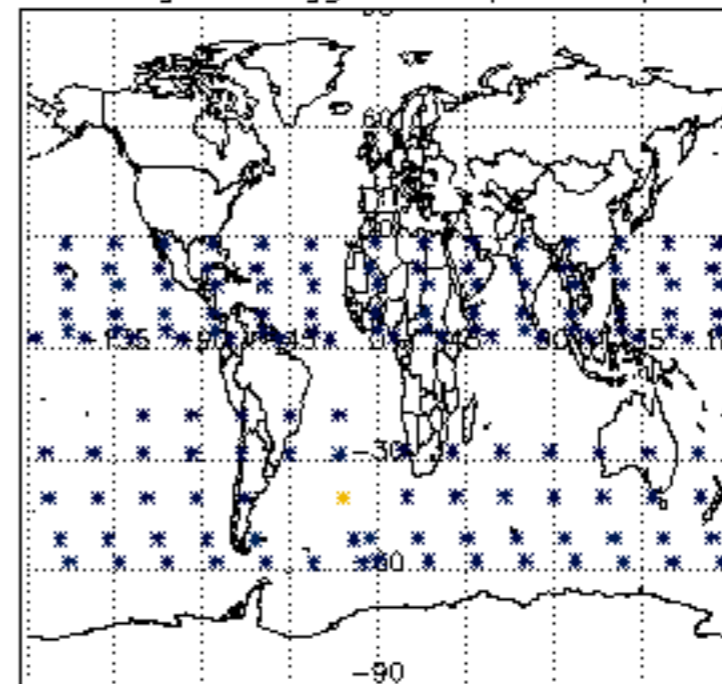
Percentage of flagged data per H2O profile

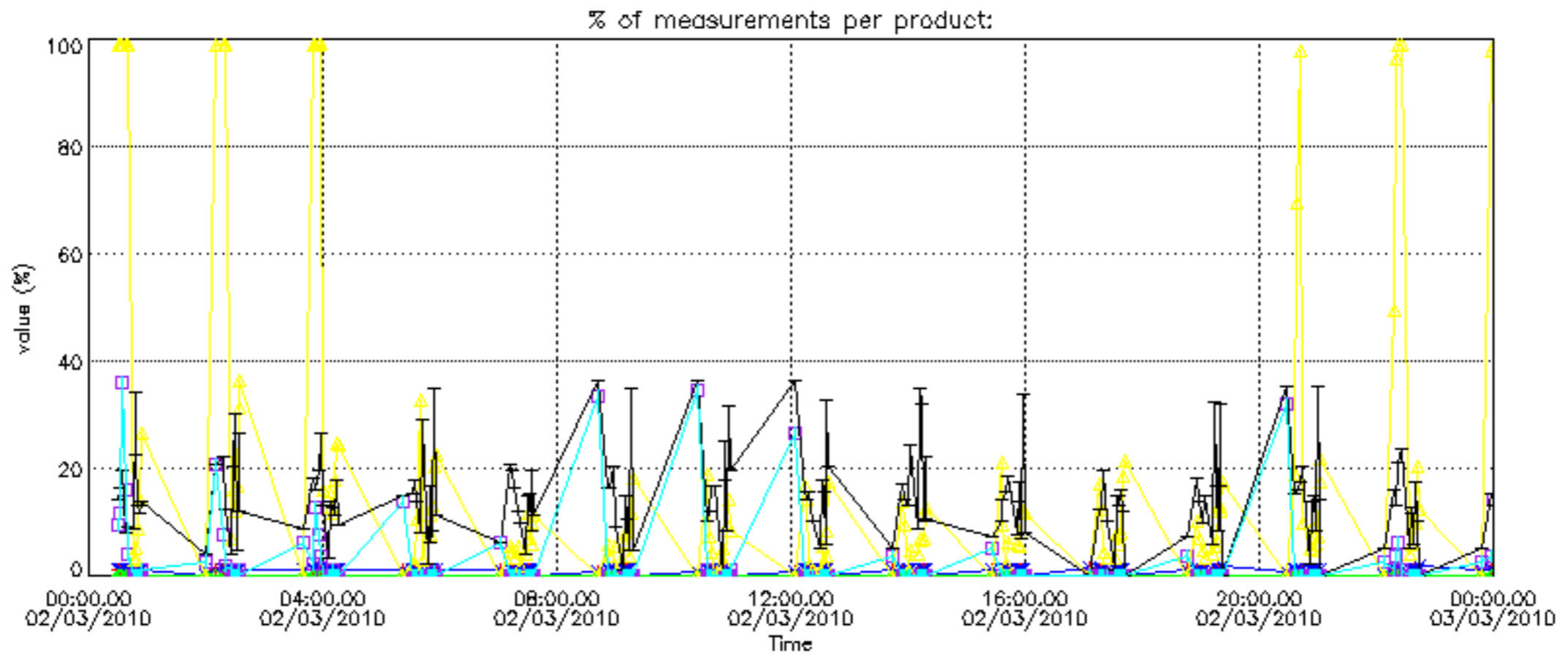


Percentage of flagged data per NO2 profile

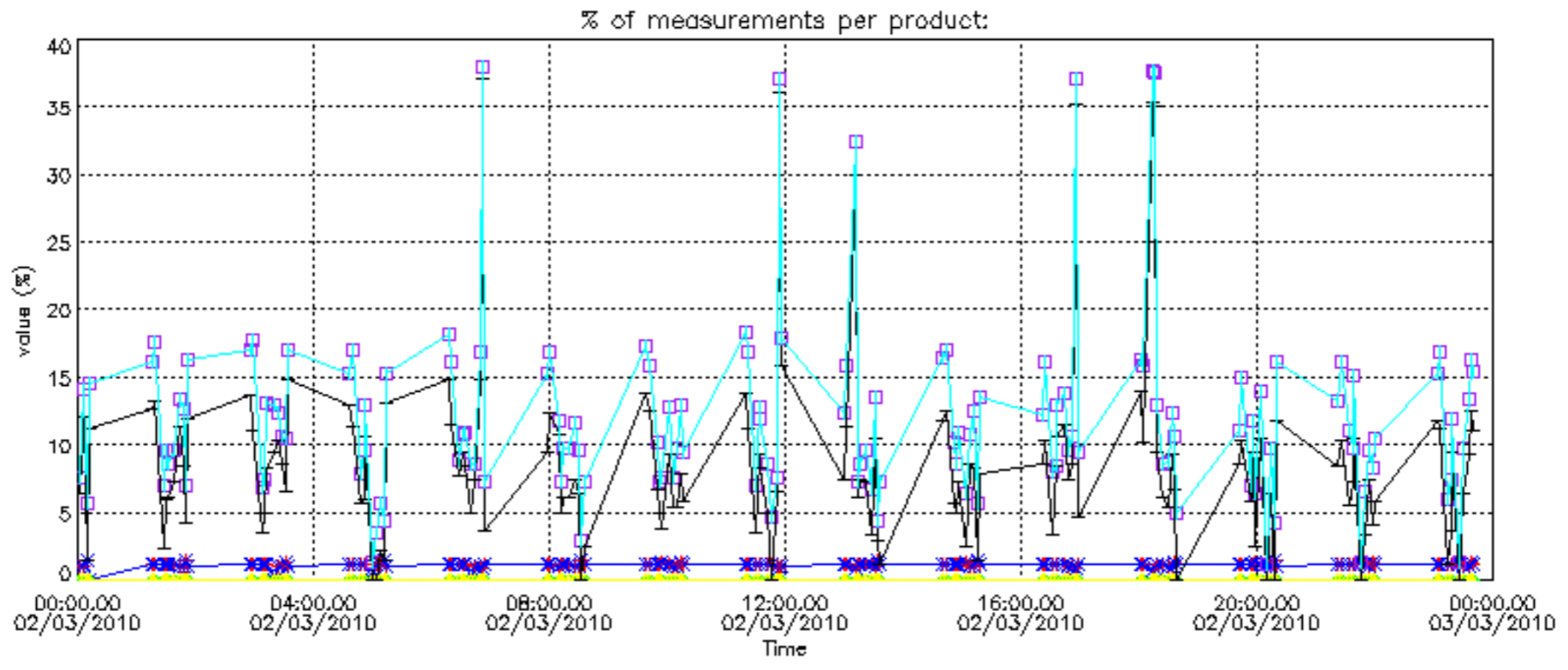


Percentage of flagged data per NO3 profile

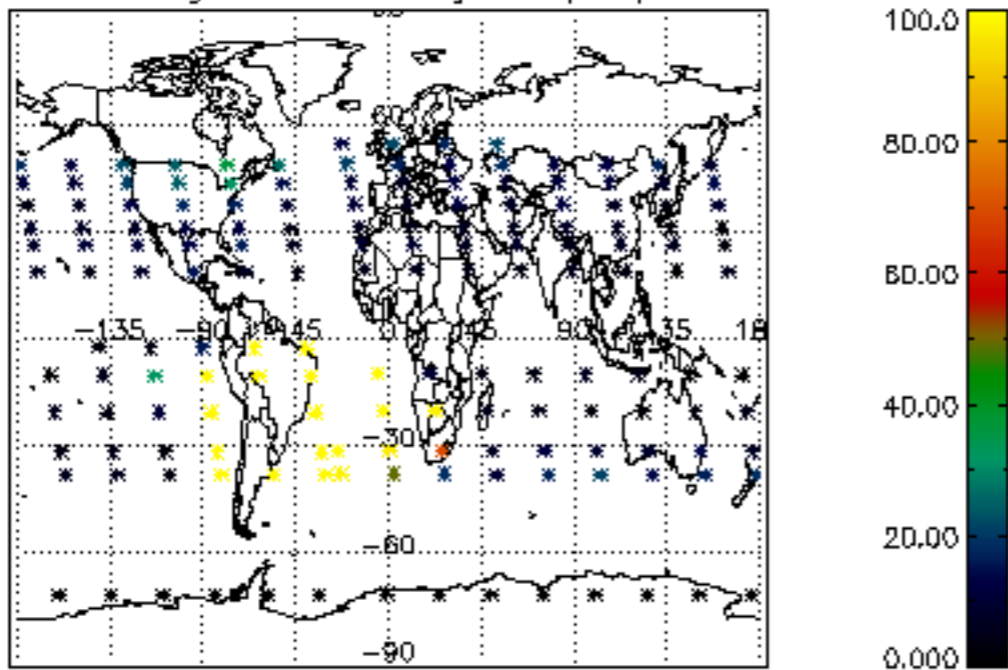




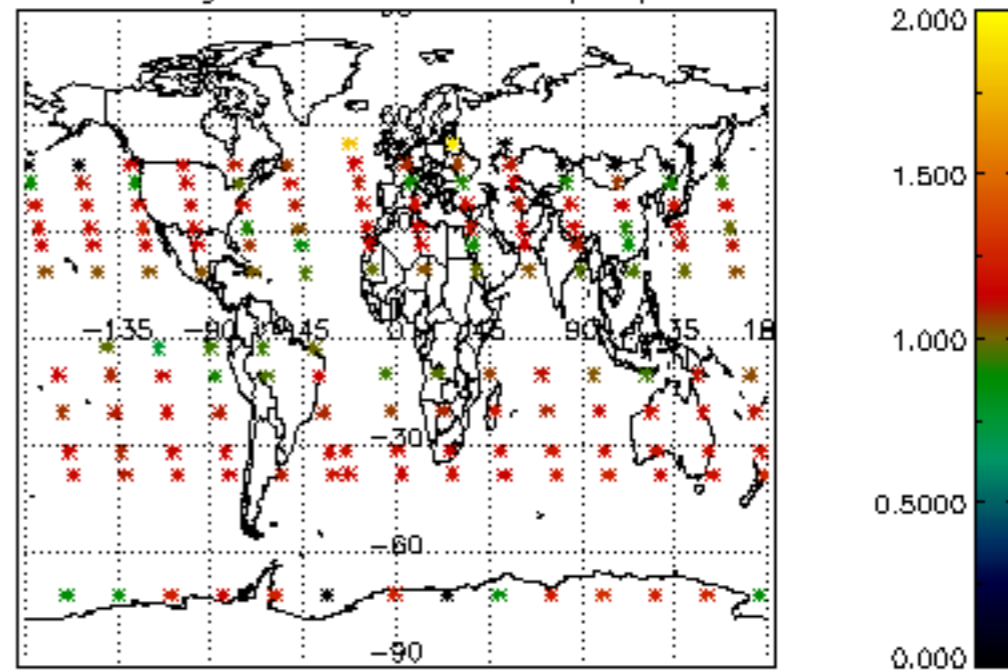




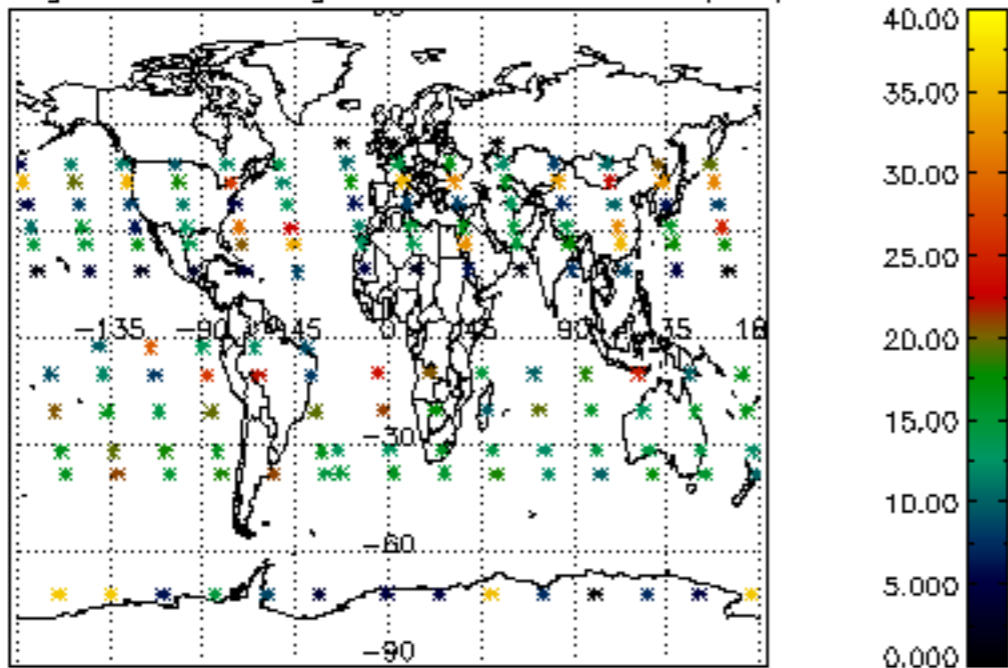
Percentage of cosmic ray hits per profile



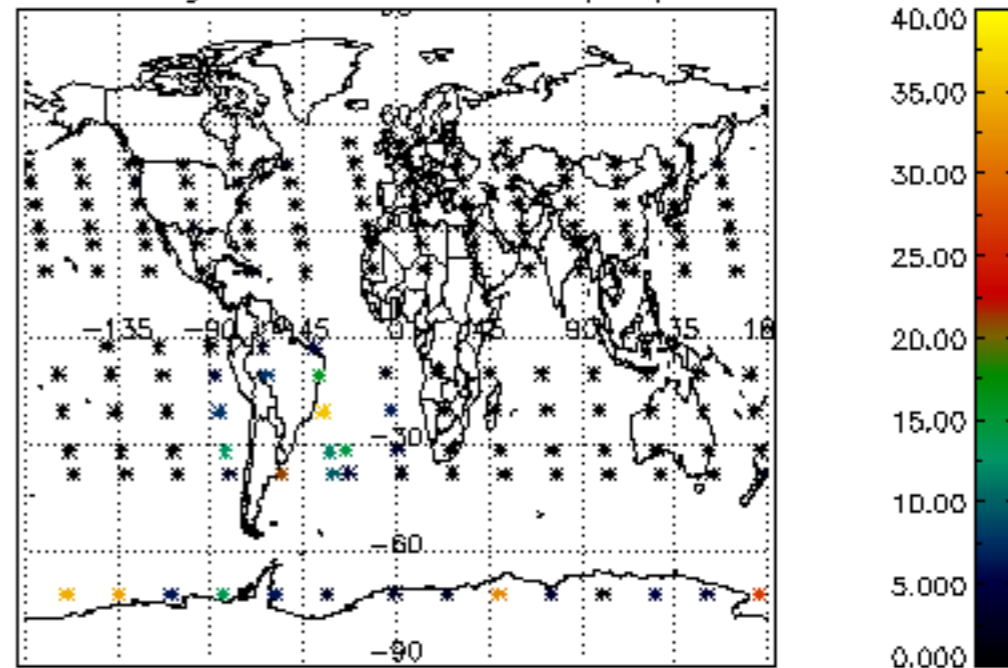
Percentage of datation errors per profile



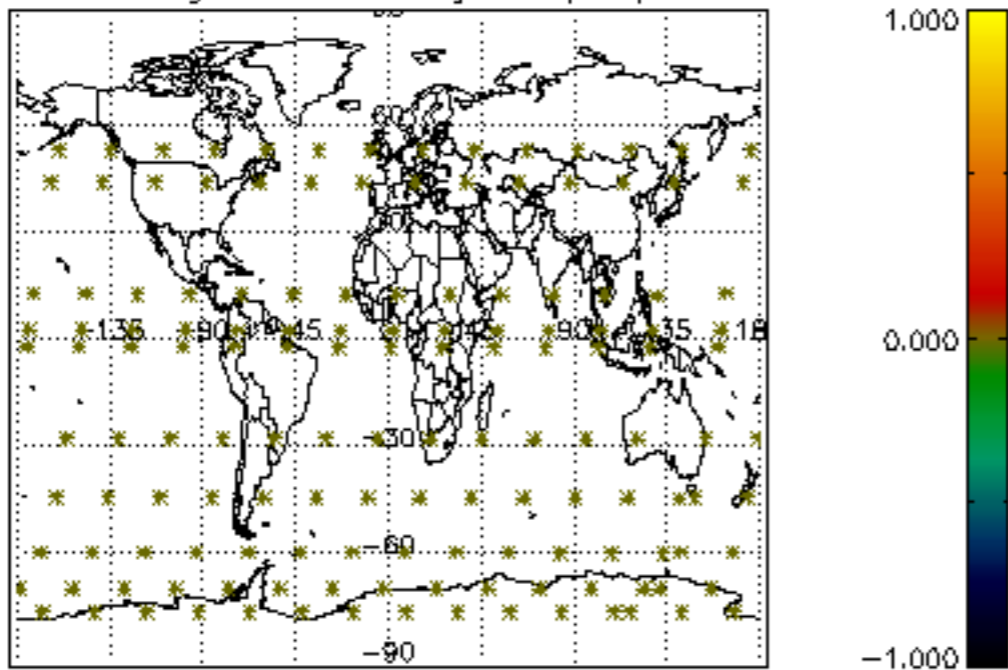
Percentage of star falling outside central band per profile



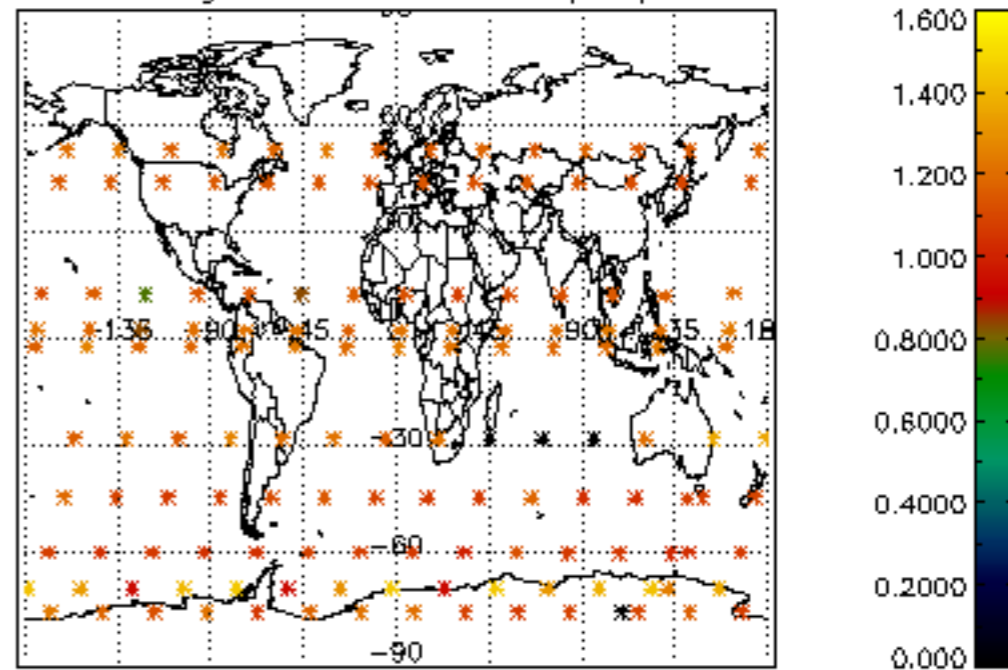
Percentage of saturation errors per profile



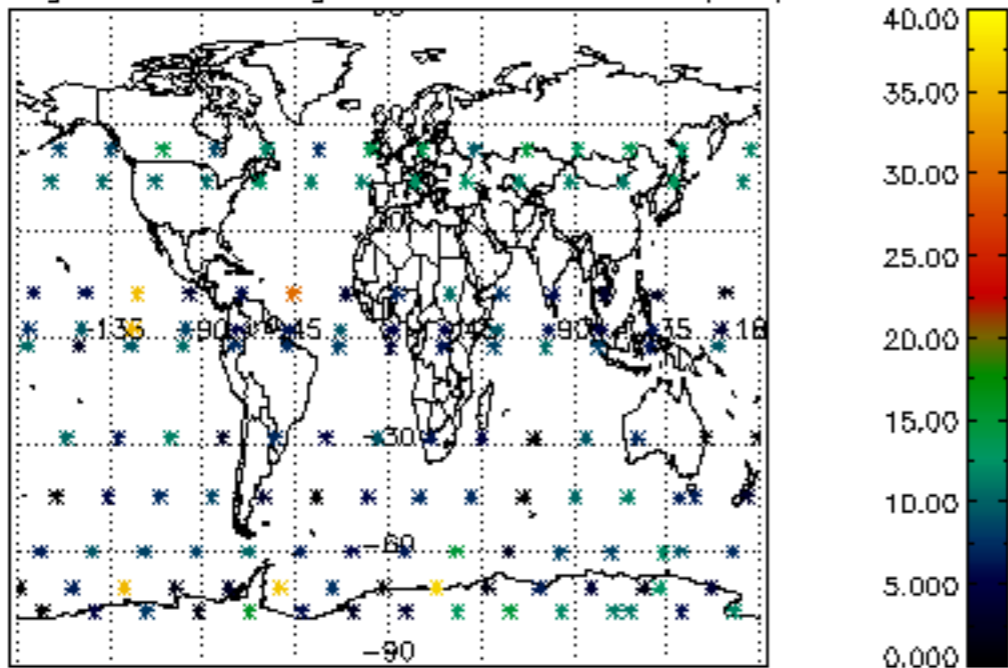
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

