

# 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	18APR2013 14:09:53
Data source version	GOMOS/6.01
Start time of products	02-03-2012 (02MAR2012 00:00:00)
Stop time of products	03-03-2012 (03MAR2012 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	33
Nb of prods with errors	0

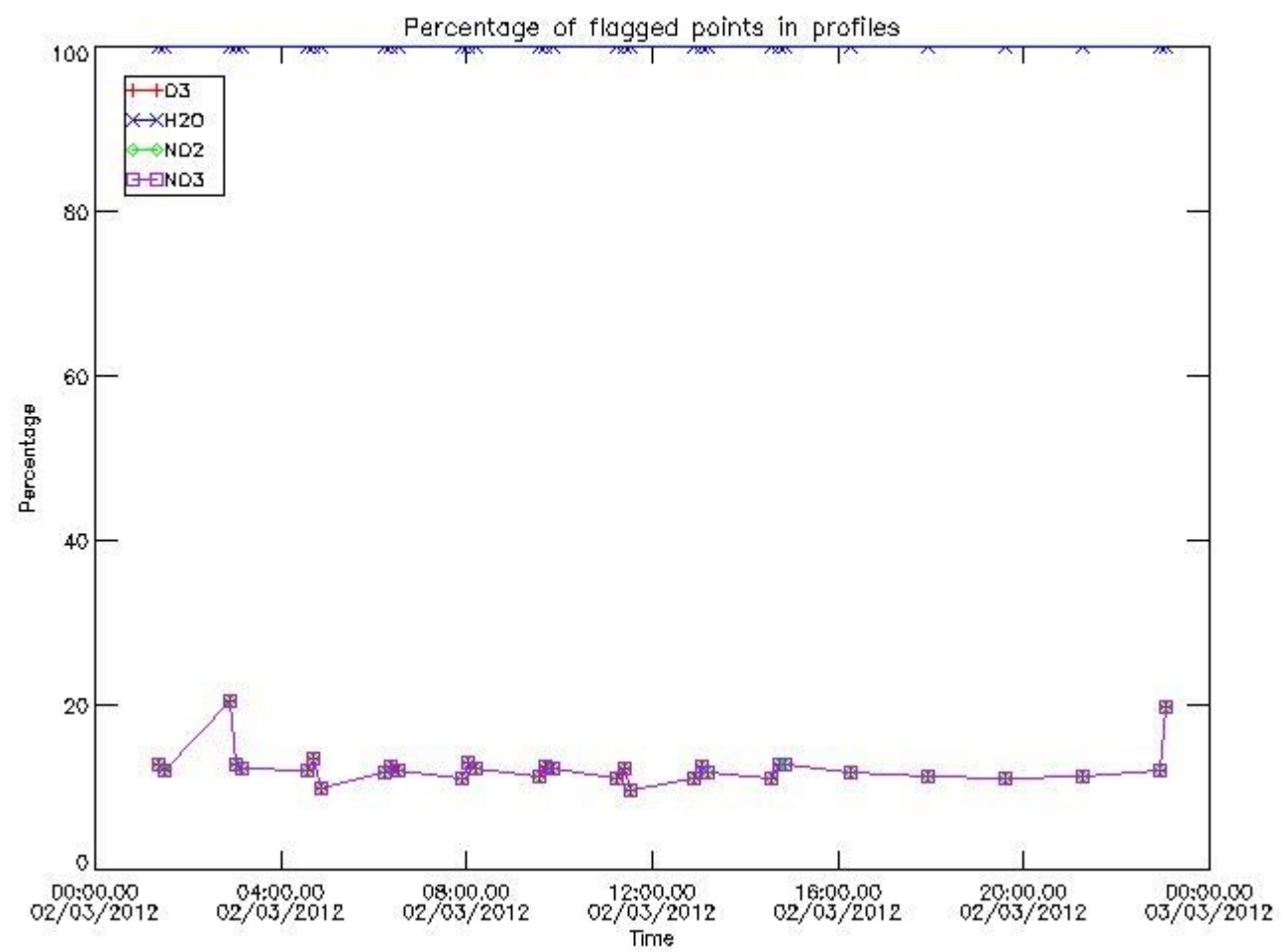
## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20120302_005120_000000363112_00160_52329_9010.N1	02-MAR-2012 00:51:20	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	52329	No
2	GOM_NL__2PRFIN20120302_012128_000000403112_00160_52329_9011.N1	02-MAR-2012 01:21:28	Dark	40.000	147	Alp Ara	2.8770	26000.	80	52329	No
3	GOM_NL__2PRFIN20120302_013031_000000423112_00161_52330_9022.N1	02-MAR-2012 01:30:31	Dark	42.000	10	Bet Cen	0.61000	28000.	84	52330	No
4	GOM_NL__2PRFIN20120302_025313_000000453112_00161_52330_9023.N1	02-MAR-2012 02:53:13	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	52330	No
5	GOM_NL__2PRFIN20120302_030143_000000403112_00161_52330_9024.N1	02-MAR-2012 03:01:43	Dark	40.000	147	Alp Ara	2.8770	26000.	80	52330	No
6	GOM_NL__2PRFIN20120302_031045_000000413112_00162_52331_9030.N1	02-MAR-2012 03:10:45	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52331	No
7	GOM_NL__2PRFIN20120302_043328_000000433112_00162_52331_9031.N1	02-MAR-2012 04:33:28	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	52331	No
8	GOM_NL__2PRFIN20120302_044158_000000423112_00162_52331_9032.N1	02-MAR-2012 04:41:58	Dark	41.500	147	Alp Ara	2.8770	26000.	83	52331	No
9	GOM_NL__2PRFIN20120302_045100_000000513112_00163_52332_9186.N1	02-MAR-2012 04:51:00	Dark	51.000	10	Bet Cen	0.61000	28000.	102	52332	No
10	GOM_NL__2PRFIN20120302_061342_000000443112_00163_52332_9187.N1	02-MAR-2012 06:13:42	Dark	43.500	57	34Sig Sgr	2.0660	26000.	87	52332	No
11	GOM_NL__2PRFIN20120302_062212_000000413112_00163_52332_9188.N1	02-MAR-2012 06:22:12	Dark	40.500	147	Alp Ara	2.8770	26000.	81	52332	No
12	GOM_NL__2PRFIN20120302_063115_000000423112_00164_52333_9189.N1	02-MAR-2012 06:31:15	Dark	41.500	10	Bet Cen	0.61000	28000.	83	52333	No
13	GOM_NL__2PRFIN20120302_075357_000000463112_00164_52333_9190.N1	02-MAR-2012 07:53:57	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	52333	No
14	GOM_NL__2PRFIN20120302_080227_000000393112_00164_52333_9191.N1	02-MAR-2012 08:02:27	Dark	39.000	147	Alp Ara	2.8770	26000.	78	52333	No
15	GOM_NL__2PRFIN20120302_081129_000000413112_00165_52334_9221.N1	02-MAR-2012 08:11:29	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52334	No
16	GOM_NL__2PRFIN20120302_093412_000000453112_00165_52334_9222.N1	02-MAR-2012 09:34:12	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	52334	No
17	GOM_NL__2PRFIN20120302_094242_000000413112_00165_52334_9223.N1	02-MAR-2012 09:42:42	Dark	41.000	147	Alp Ara	2.8770	26000.	82	52334	No
18	GOM_NL__2PRFIN20120302_095144_000000413112_00166_52335_9145.N1	02-MAR-2012 09:51:44	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52335	No
19	GOM_NL__2PRFIN20120302_111426_000000463112_00166_52335_9146.N1	02-MAR-2012 11:14:26	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	52335	No
20	GOM_NL__2PRFIN20120302_112256_000000423112_00166_52335_9147.N1	02-MAR-2012 11:22:56	Dark	41.500	147	Alp Ara	2.8770	26000.	83	52335	No
21	GOM_NL__2PRFIN20120302_113158_000000523112_00167_52336_9171.N1	02-MAR-2012 11:31:58	Dark	52.000	10	Bet Cen	0.61000	28000.	104	52336	No
22	GOM_NL__2PRFIN20120302_125440_000000463112_00167_52336_9172.N1	02-MAR-2012 12:54:40	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	52336	No
23	GOM_NL__2PRFIN20120302_130311_000000413112_00167_52336_9173.N1	02-MAR-2012 13:03:11	Dark	41.000	147	Alp Ara	2.8770	26000.	82	52336	No
24	GOM_NL__2PRFIN20120302_131212_000000433112_00168_52337_9271.N1	02-MAR-2012 13:12:12	Dark	42.500	10	Bet Cen	0.61000	28000.	85	52337	No
25	GOM_NL__2PRFIN20120302_143455_000000463112_00168_52337_9272.N1	02-MAR-2012 14:34:55	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	52337	No
26	GOM_NL__2PRFIN20120302_144325_000000403112_00168_52337_9273.N1	02-MAR-2012 14:43:25	Dark	40.000	147	Alp Ara	2.8770	26000.	80	52337	No
27	GOM_NL__2PRFIN20120302_145229_000000403112_00169_52338_9308.N1	02-MAR-2012 14:52:29	Dark	39.500	10	Bet Cen	0.61000	28000.	79	52338	No
28	GOM_NL__2PRFIN20120302_161509_000000443112_00169_52338_9309.N1	02-MAR-2012 16:15:09	Dark	43.500	57	34Sig Sgr	2.0660	26000.	87	52338	No
29	GOM_NL__2PRFIN20120302_175524_000000453112_00170_52339_9339.N1	02-MAR-2012 17:55:24	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	52339	No
30	GOM_NL__2PRFIN20120302_193539_000000463112_00171_52340_9372.N1	02-MAR-2012 19:35:39	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	52340	No
31	GOM_NL__2PRFIN20120302_211553_000000453112_00172_52341_9414.N1	02-MAR-2012 21:15:53	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	52341	No
32	GOM_NL__2PRFIN20120302_225608_000000433112_00173_52342_9488.N1	02-MAR-2012 22:56:08	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	52342	No
33	GOM_NL__2PRFIN20120302_230439_000000263112_00173_52342_9489.N1	02-MAR-2012 23:04:39	Dark	25.500	147	Alp Ara	2.8770	26000.	51	52342	No

## 3. Quality information per product

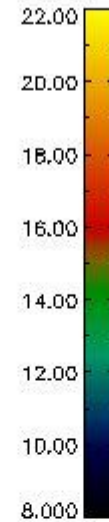
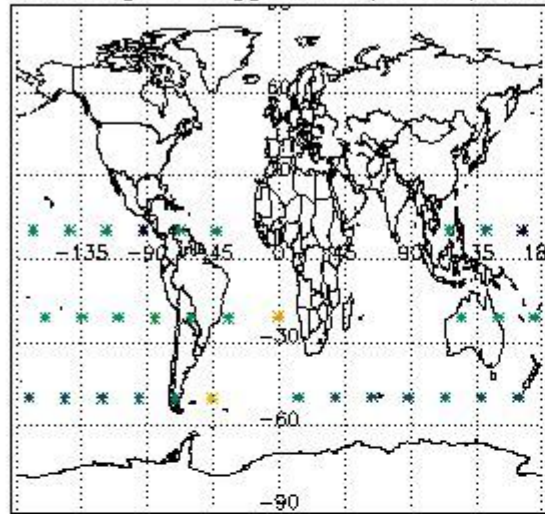
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

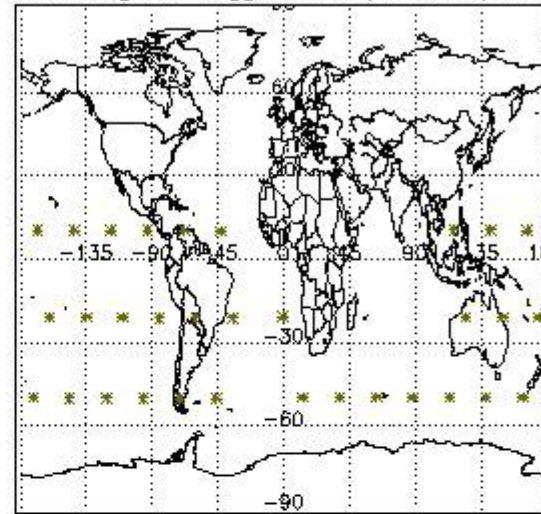


*3.2 Plot quality information per product (world map)*

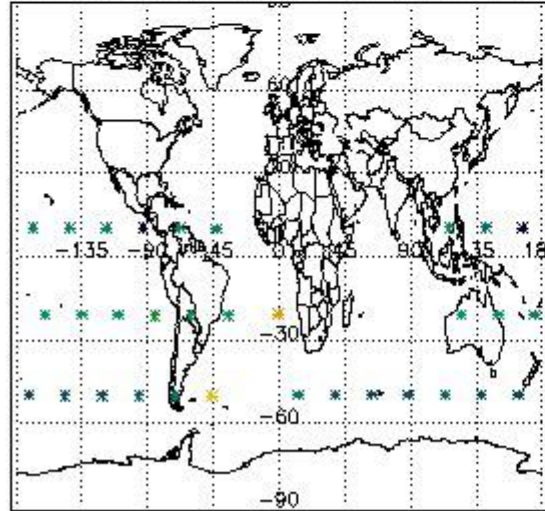
Percentage of flagged data per O3 profile



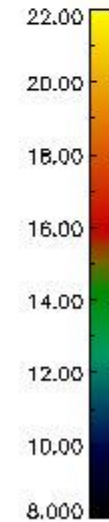
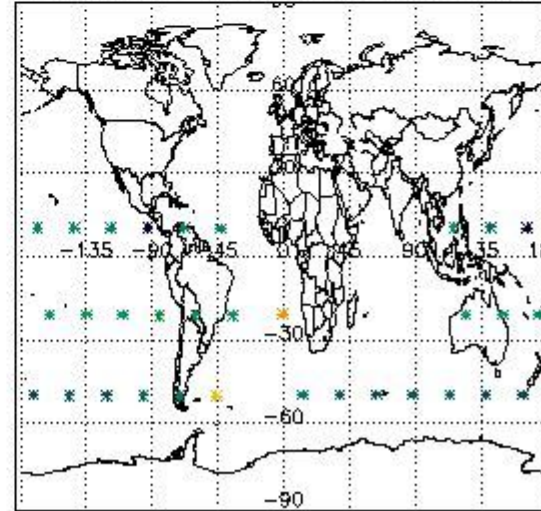
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

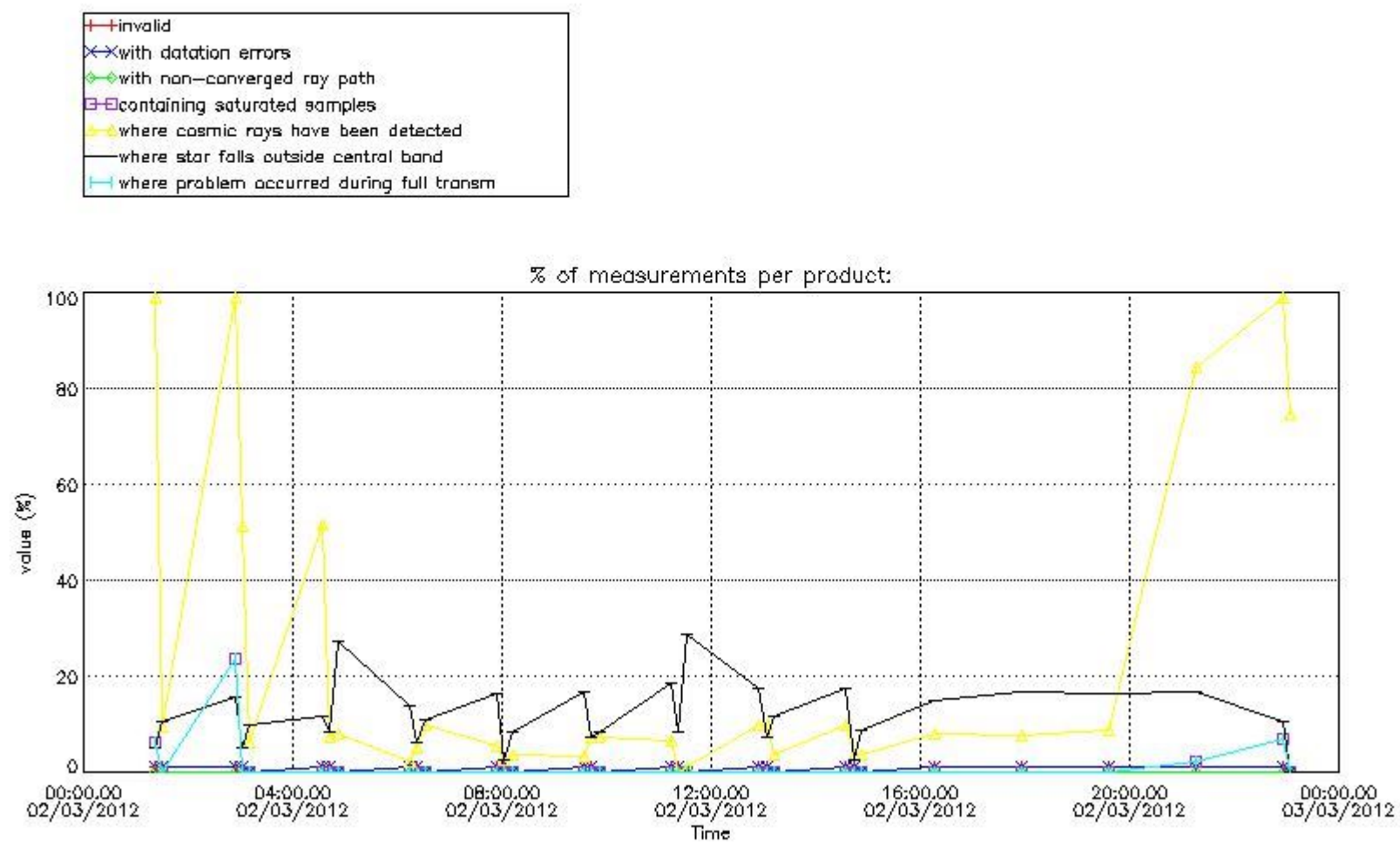


#### 4. Level 1 quality information per product

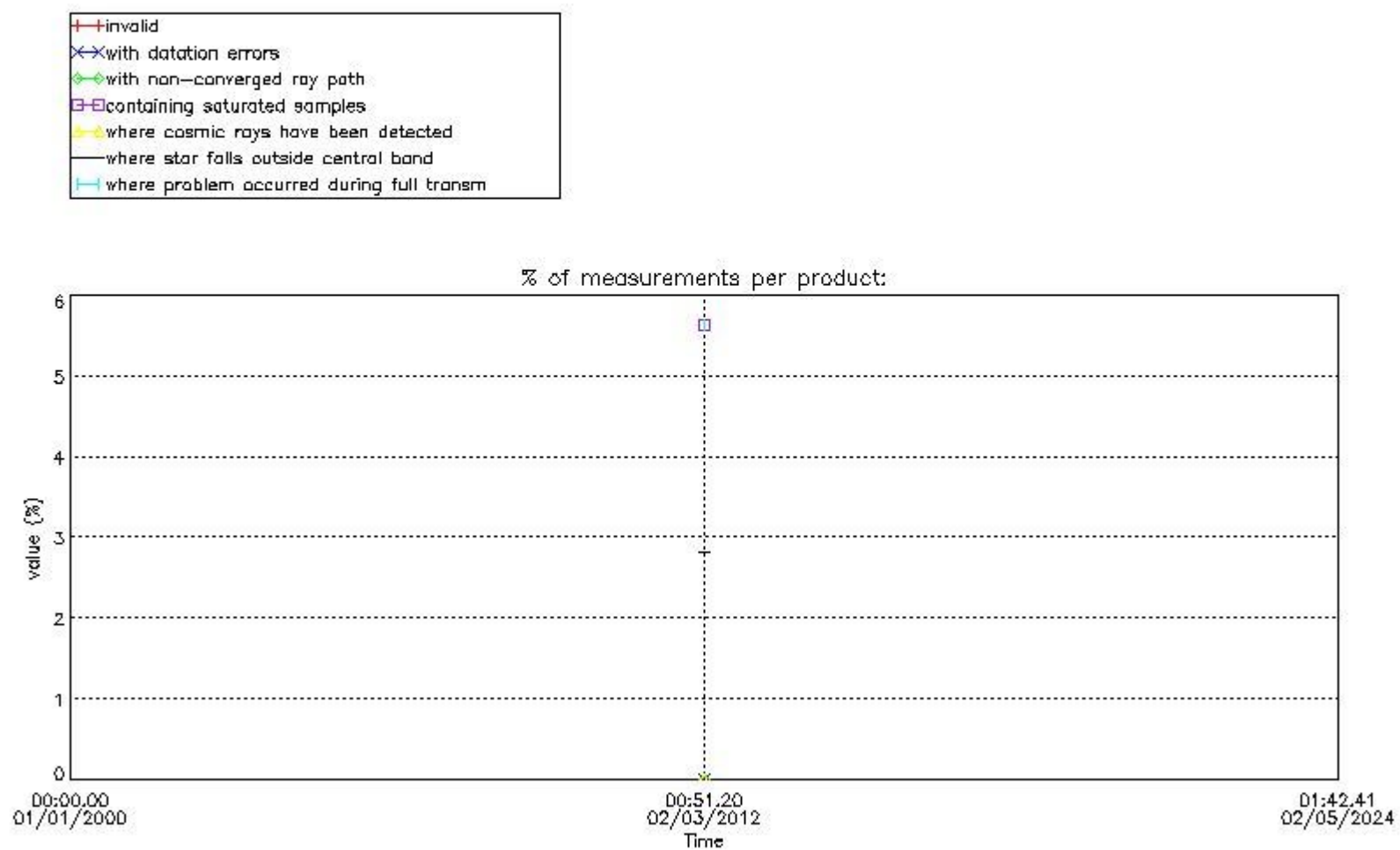
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

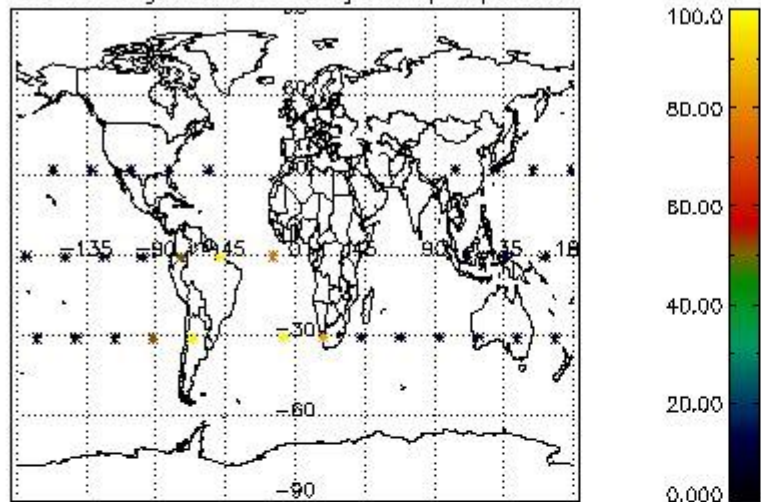


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

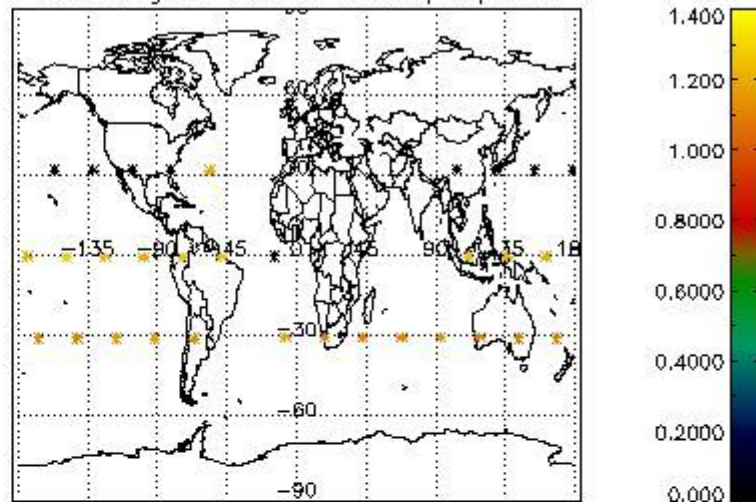


*4.2 Plot quality information per product coming from level 1b processing (world map)*  
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*

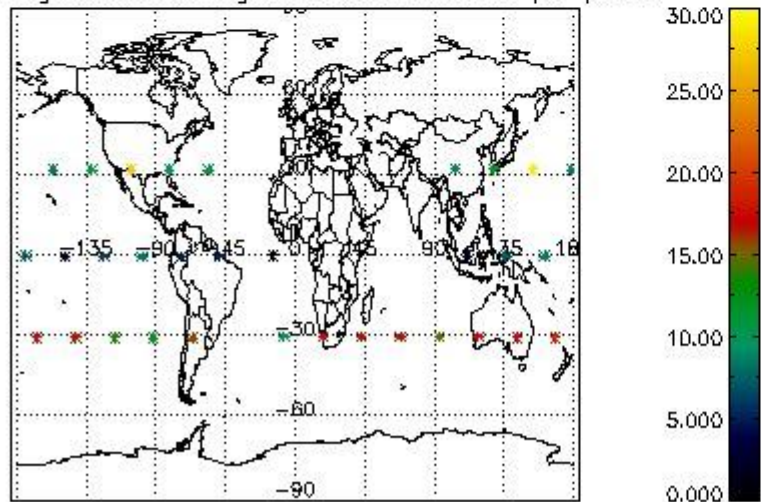
Percentage of cosmic ray hits per profile



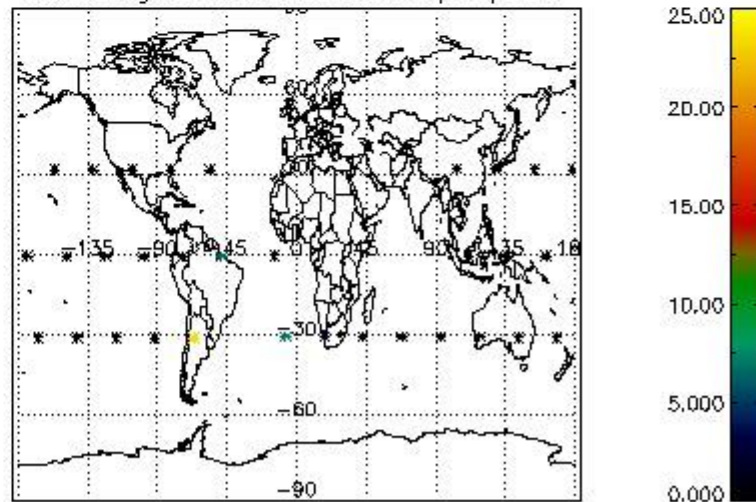
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

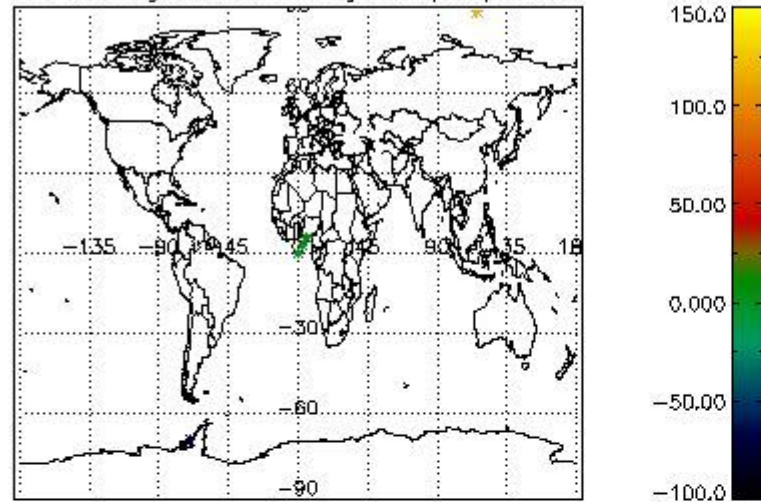


Percentage of saturation errors per profile

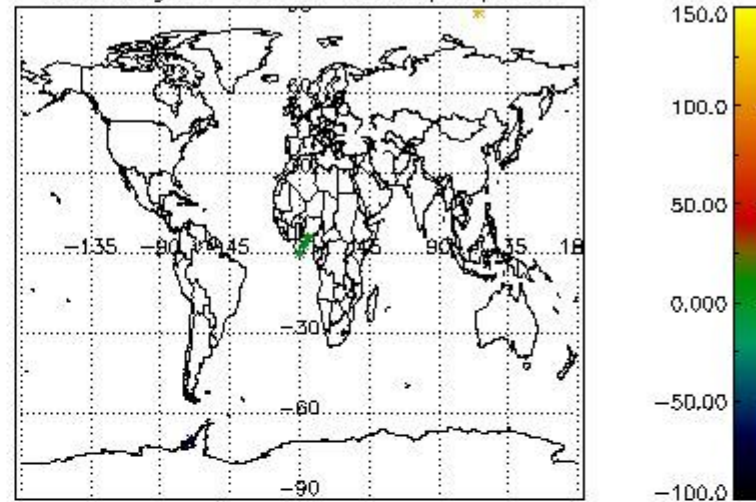


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

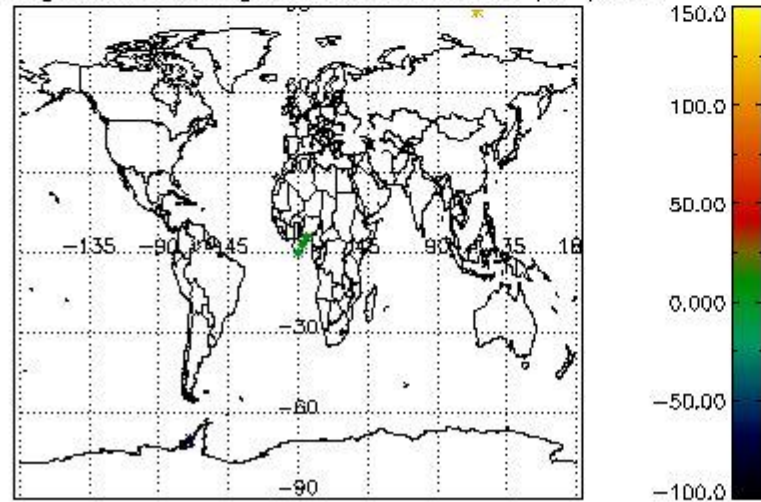
Percentage of cosmic ray hits per profile



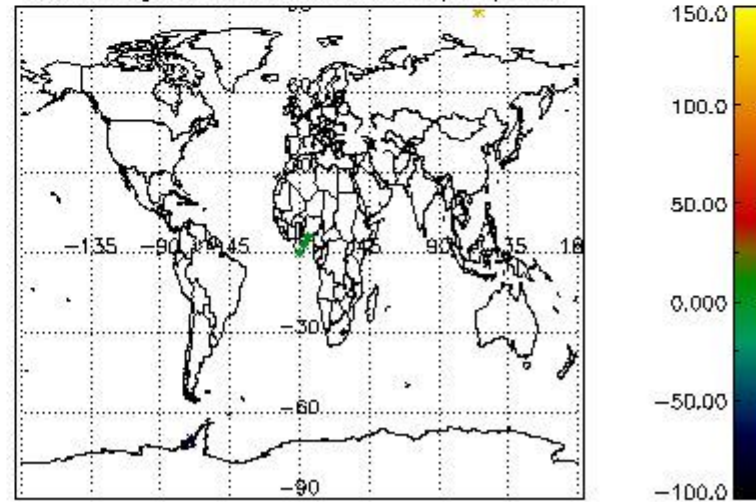
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

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

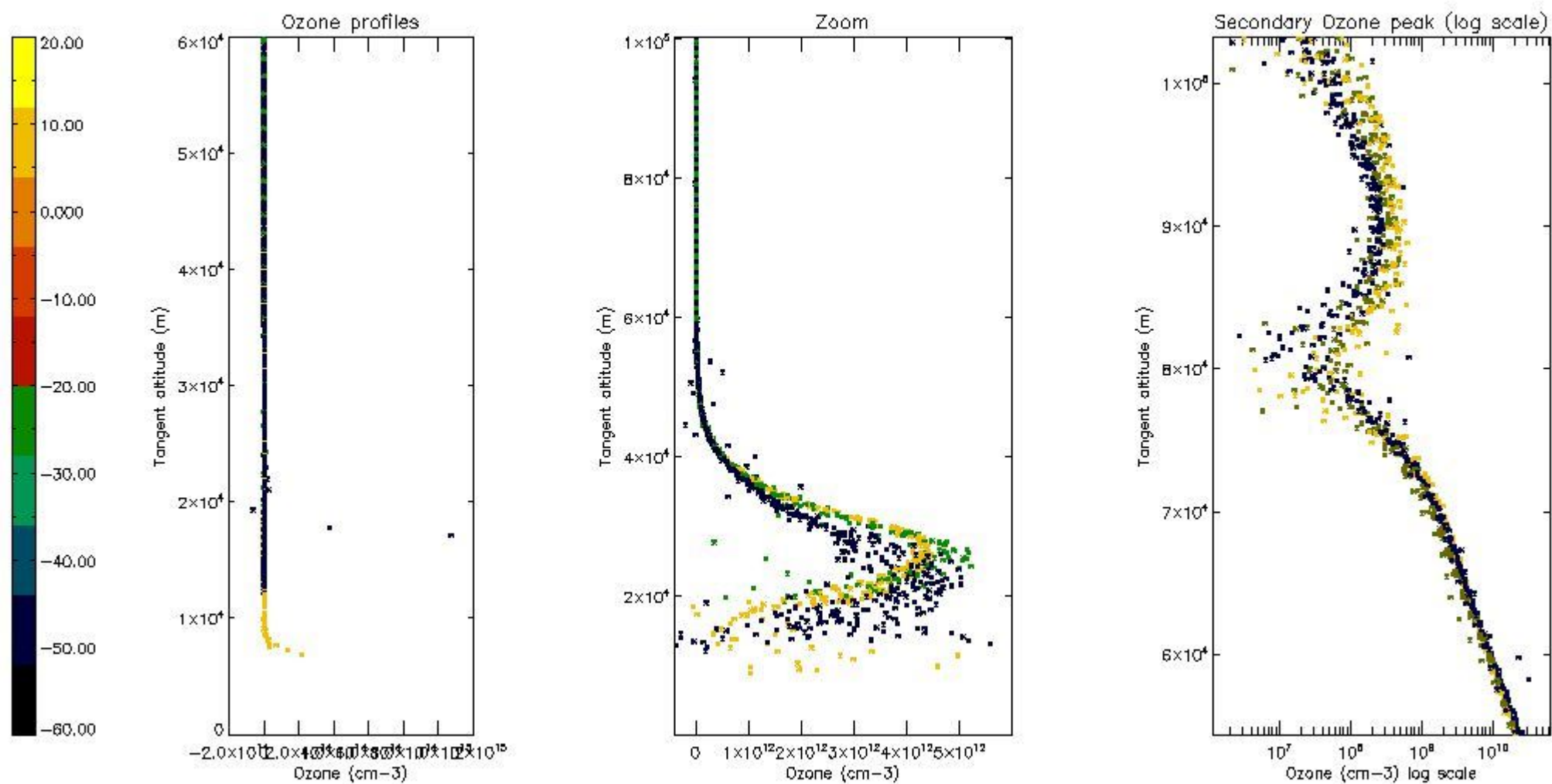
Criteria	% of total production
All STD	98
STD < 20	60



STD < 10	53
STD < 5	41

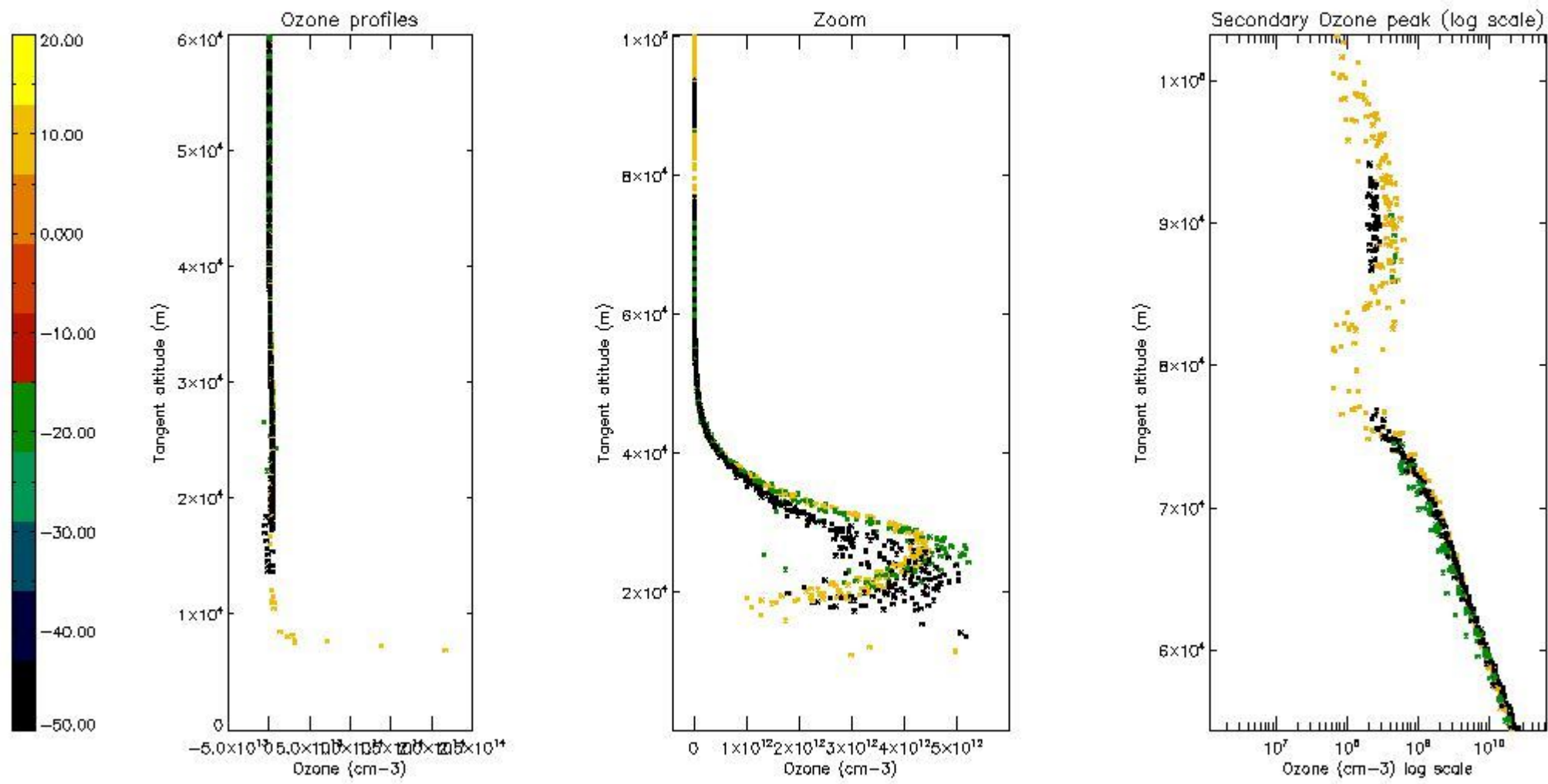
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



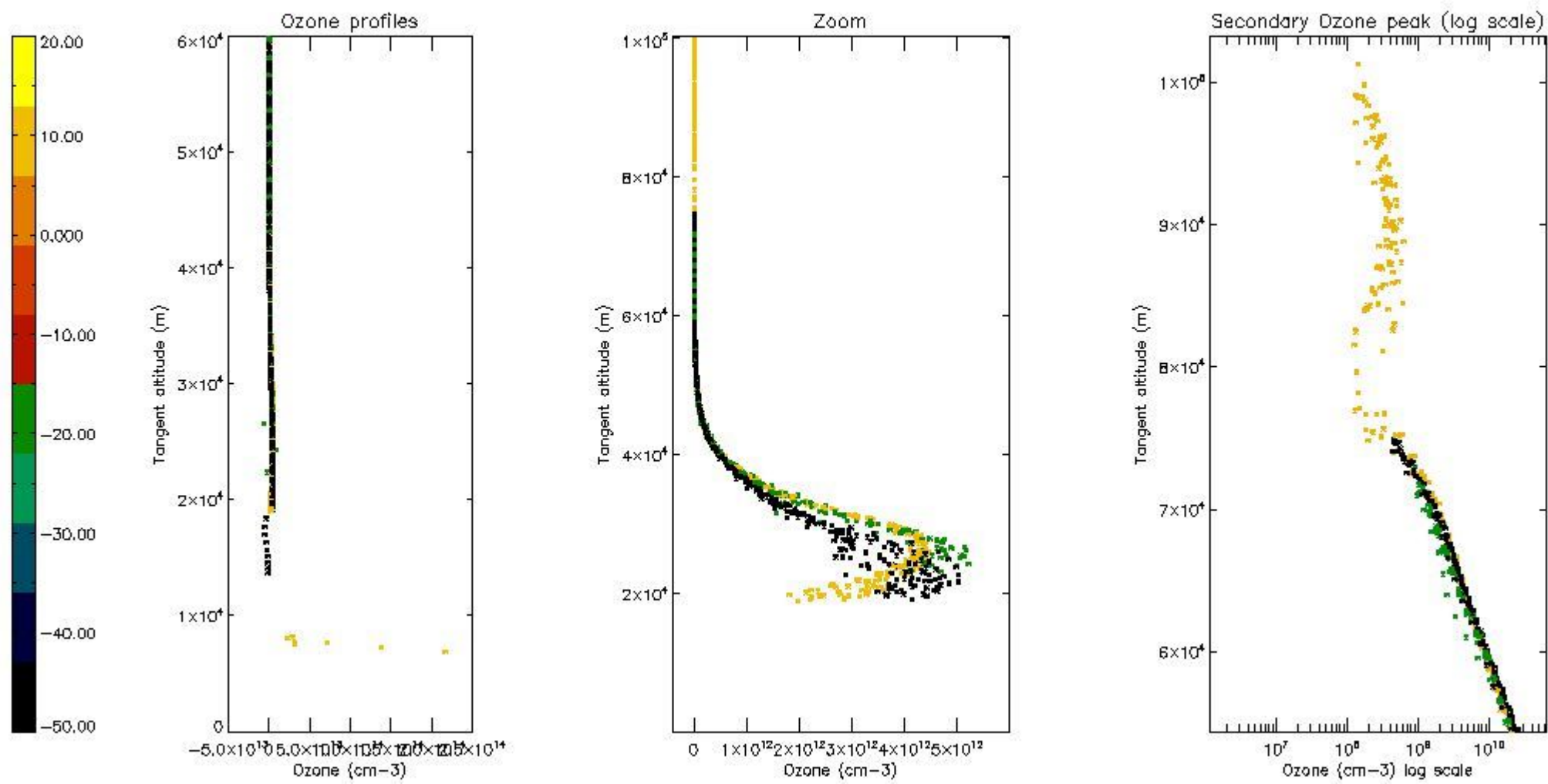
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



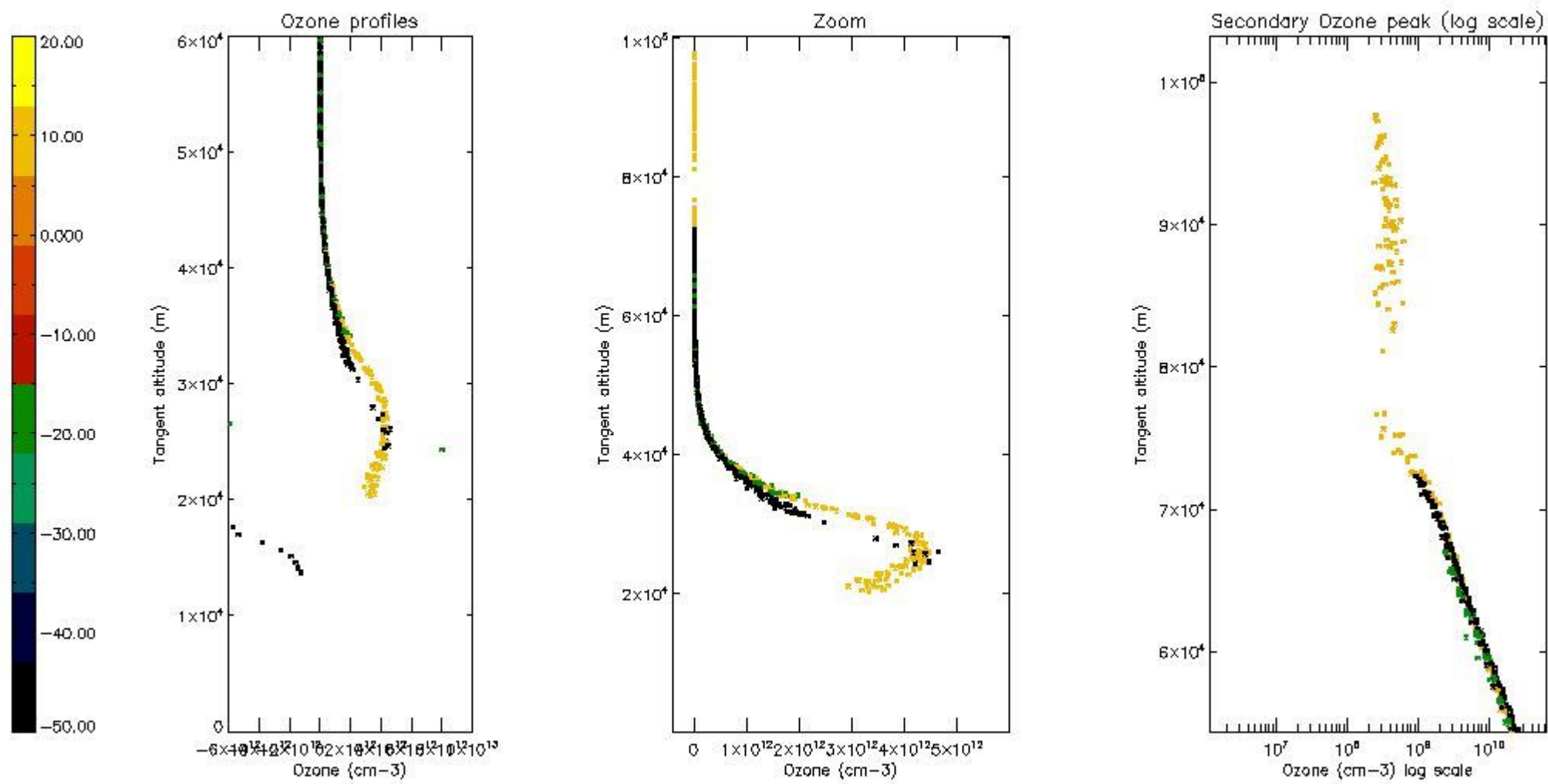
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



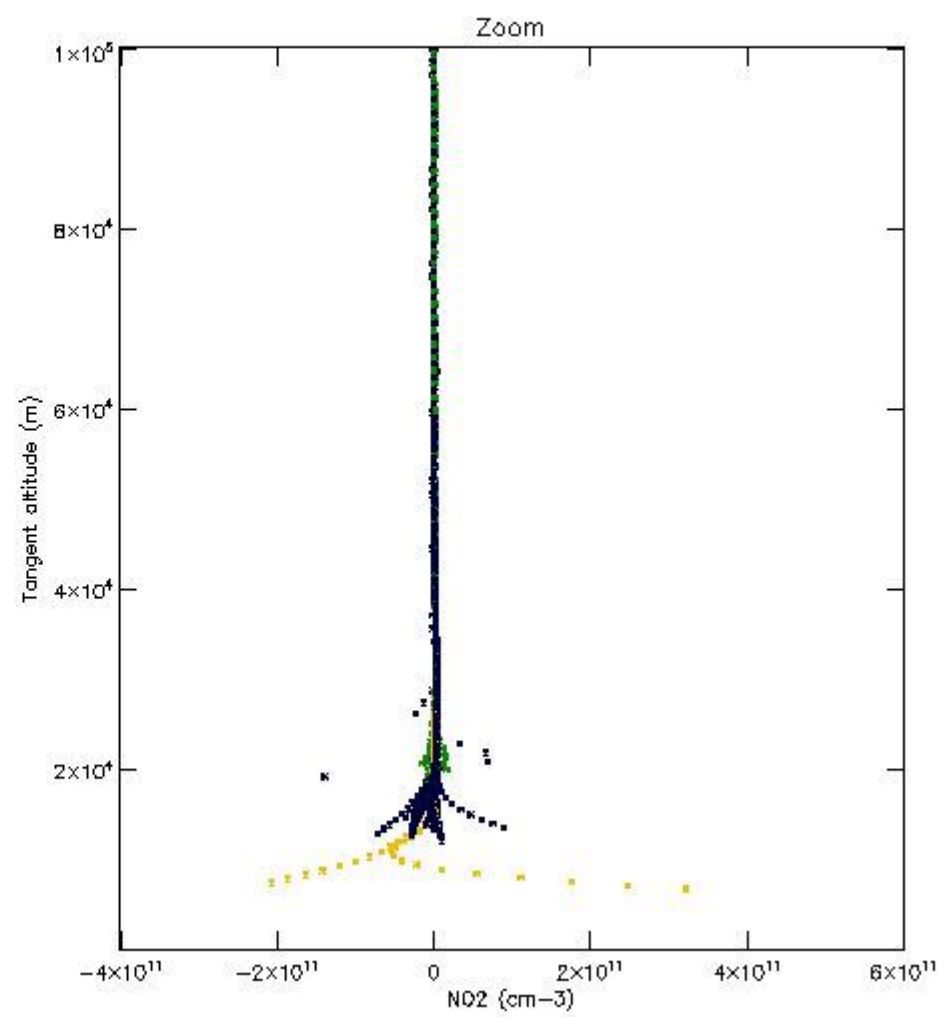
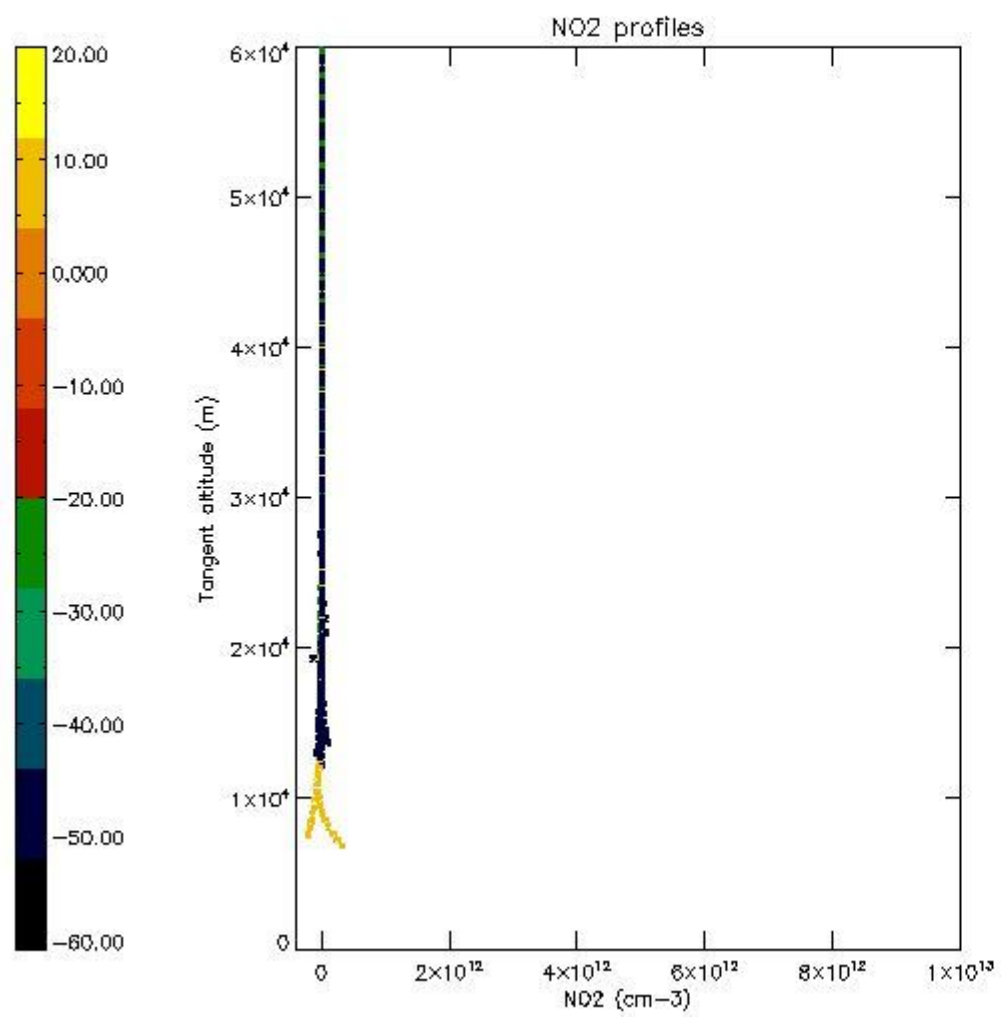
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



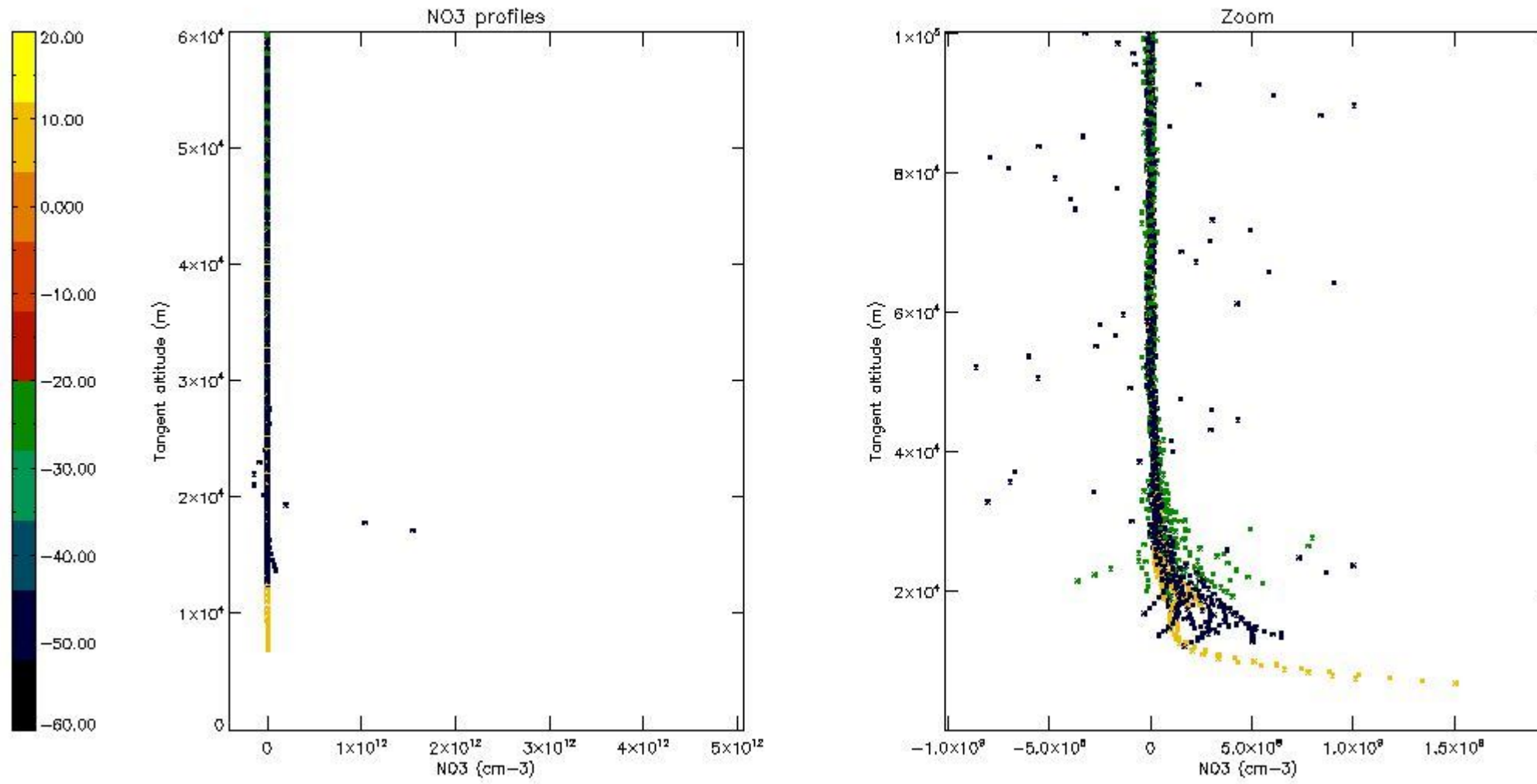
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



## 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_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	02-MAR-2012 00:51:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-MAR-2012 00:51:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-MAR-2012 00:51:20

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#### [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](#)

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### [5. Ozone profiles based on quality statistics and other trace gas profiles](#)

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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.

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Data source version	GOMOS/6.01
Start time of products	02-03-2012 (02MAR2012 00:00:00)
Stop time of products	03-03-2012 (03MAR2012 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	33
Nb of prods with errors	0

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

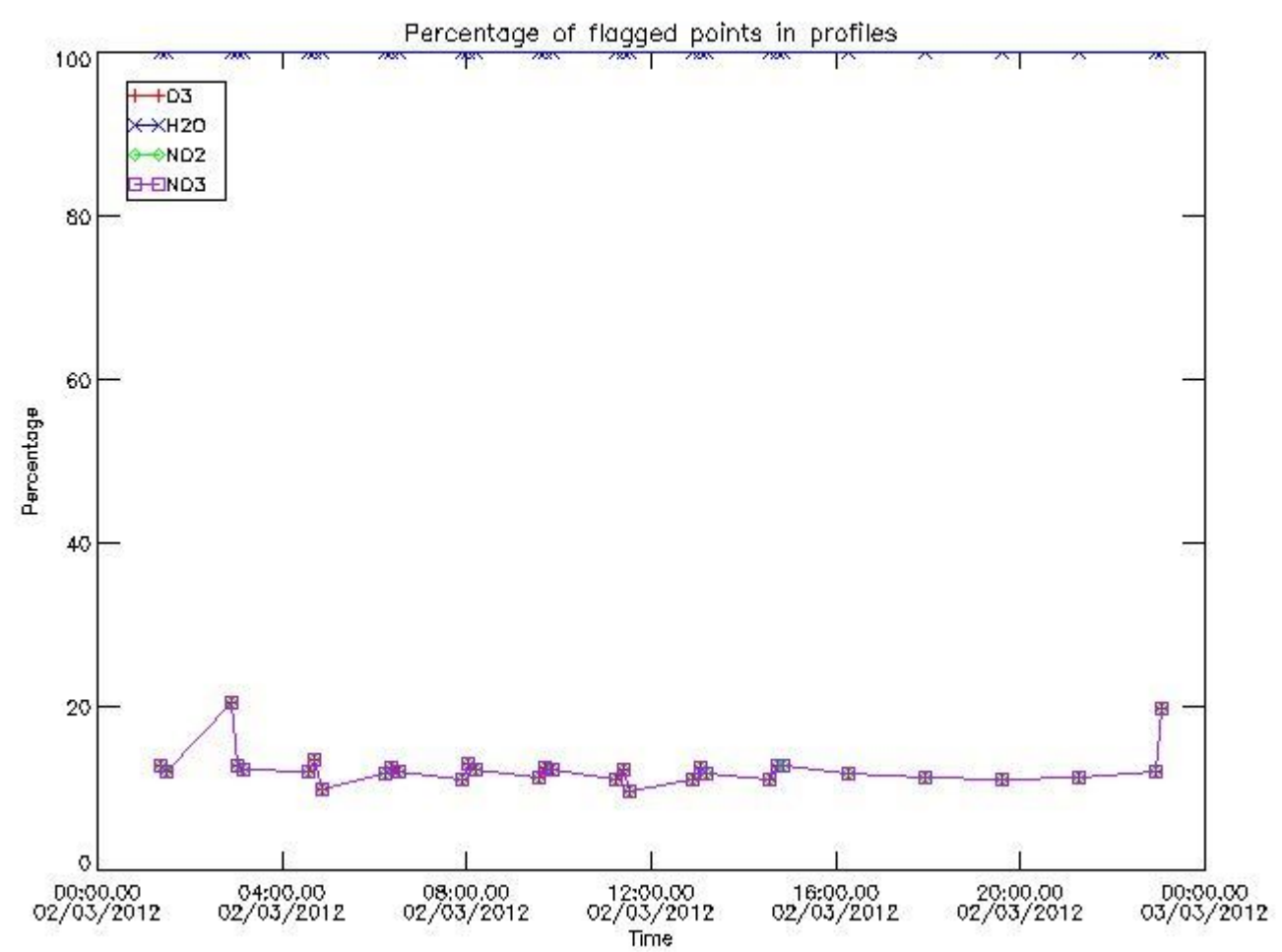
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20120302_005120_000000363112_00160_52329_9010.N1	02-MAR-2012 00:51:20	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	52329	No
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3	GOM_NL__2PRFIN20120302_013031_000000423112_00161_52330_9022.N1	02-MAR-2012 01:30:31	Dark	42.000	10	Bet Cen	0.61000	28000.	84	52330	No
4	GOM_NL__2PRFIN20120302_025313_000000453112_00161_52330_9023.N1	02-MAR-2012 02:53:13	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	52330	No
5	GOM_NL__2PRFIN20120302_030143_000000403112_00161_52330_9024.N1	02-MAR-2012 03:01:43	Dark	40.000	147	Alp Ara	2.8770	26000.	80	52330	No
6	GOM_NL__2PRFIN20120302_031045_000000413112_00162_52331_9030.N1	02-MAR-2012 03:10:45	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52331	No
7	GOM_NL__2PRFIN20120302_043328_000000433112_00162_52331_9031.N1	02-MAR-2012 04:33:28	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	52331	No
8	GOM_NL__2PRFIN20120302_044158_000000423112_00162_52331_9032.N1	02-MAR-2012 04:41:58	Dark	41.500	147	Alp Ara	2.8770	26000.	83	52331	No
9	GOM_NL__2PRFIN20120302_045100_000000513112_00163_52332_9186.N1	02-MAR-2012 04:51:00	Dark	51.000	10	Bet Cen	0.61000	28000.	102	52332	No
10	GOM_NL__2PRFIN20120302_061342_000000443112_00163_52332_9187.N1	02-MAR-2012 06:13:42	Dark	43.500	57	34Sig Sgr	2.0660	26000.	87	52332	No
11	GOM_NL__2PRFIN20120302_062212_000000413112_00163_52332_9188.N1	02-MAR-2012 06:22:12	Dark	40.500	147	Alp Ara	2.8770	26000.	81	52332	No
12	GOM_NL__2PRFIN20120302_063115_000000423112_00164_52333_9189.N1	02-MAR-2012 06:31:15	Dark	41.500	10	Bet Cen	0.61000	28000.	83	52333	No
13	GOM_NL__2PRFIN20120302_075357_000000463112_00164_52333_9190.N1	02-MAR-2012 07:53:57	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	52333	No
14	GOM_NL__2PRFIN20120302_080227_000000393112_00164_52333_9191.N1	02-MAR-2012 08:02:27	Dark	39.000	147	Alp Ara	2.8770	26000.	78	52333	No
15	GOM_NL__2PRFIN20120302_081129_000000413112_00165_52334_9221.N1	02-MAR-2012 08:11:29	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52334	No
16	GOM_NL__2PRFIN20120302_093412_000000453112_00165_52334_9222.N1	02-MAR-2012 09:34:12	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	52334	No
17	GOM_NL__2PRFIN20120302_094242_000000413112_00165_52334_9223.N1	02-MAR-2012 09:42:42	Dark	41.000	147	Alp Ara	2.8770	26000.	82	52334	No
18	GOM_NL__2PRFIN20120302_095144_000000413112_00166_52335_9145.N1	02-MAR-2012 09:51:44	Dark	41.000	10	Bet Cen	0.61000	28000.	82	52335	No
19	GOM_NL__2PRFIN20120302_111426_000000463112_00166_52335_9146.N1	02-MAR-2012 11:14:26	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	52335	No
20	GOM_NL__2PRFIN20120302_112256_000000423112_00166_52335_9147.N1	02-MAR-2012 11:22:56	Dark	41.500	147	Alp Ara	2.8770	26000.	83	52335	No
21	GOM_NL__2PRFIN20120302_113158_000000523112_00167_52336_9171.N1	02-MAR-2012 11:31:58	Dark	52.000	10	Bet Cen	0.61000	28000.	104	52336	No
22	GOM_NL__2PRFIN20120302_125440_000000463112_00167_52336_9172.N1	02-MAR-2012 12:54:40	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	52336	No
23	GOM_NL__2PRFIN20120302_130311_000000413112_00167_52336_9173.N1	02-MAR-2012 13:03:11	Dark	41.000	147	Alp Ara	2.8770	26000.	82	52336	No
24	GOM_NL__2PRFIN20120302_131212_000000433112_00168_52337_9271.N1	02-MAR-2012 13:12:12	Dark	42.500	10	Bet Cen	0.61000	28000.	85	52337	No
25	GOM_NL__2PRFIN20120302_143455_000000463112_00168_52337_9272.N1	02-MAR-2012 14:34:55	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	52337	No
26	GOM_NL__2PRFIN20120302_144325_000000403112_00168_52337_9273.N1	02-MAR-2012 14:43:25	Dark	40.000	147	Alp Ara	2.8770	26000.	80	52337	No
27	GOM_NL__2PRFIN20120302_145229_000000403112_00169_52338_9308.N1	02-MAR-2012 14:52:29	Dark	39.500	10	Bet Cen	0.61000	28000.	79	52338	No
28	GOM_NL__2PRFIN20120302_161509_000000443112_00169_52338_9309.N1	02-MAR-2012 16:15:09	Dark	43.500	57	34Sig Sgr	2.0660	26000.	87	52338	No
29	GOM_NL__2PRFIN20120302_175524_000000453112_00170_52339_9339.N1	02-MAR-2012 17:55:24	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	52339	No
30	GOM_NL__2PRFIN20120302_193539_000000463112_00171_52340_9372.N1	02-MAR-2012 19:35:39	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	52340	No
31	GOM_NL__2PRFIN20120302_211553_000000453112_00172_52341_9414.N1	02-MAR-2012 21:15:53	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	52341	No
32	GOM_NL__2PRFIN20120302_225608_000000433112_00173_52342_9488.N1	02-MAR-2012 22:56:08	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	52342	No
33	GOM_NL__2PRFIN20120302_230439_000000263112_00173_52342_9489.N1	02-MAR-2012 23:04:39	Dark	25.500	147	Alp Ara	2.8770	26000.	51	52342	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.

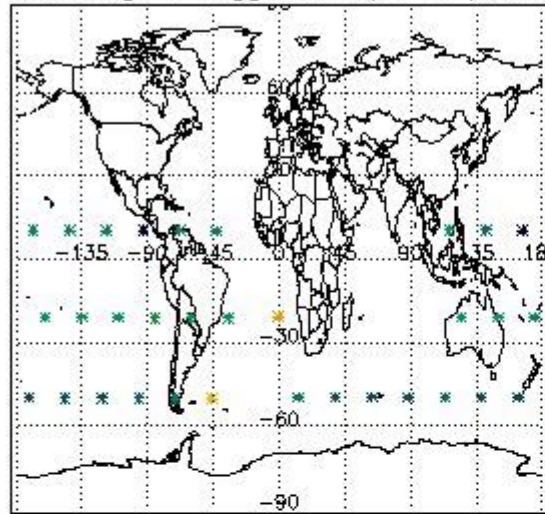
### 3.1 Plot quality information per product (time dependant)



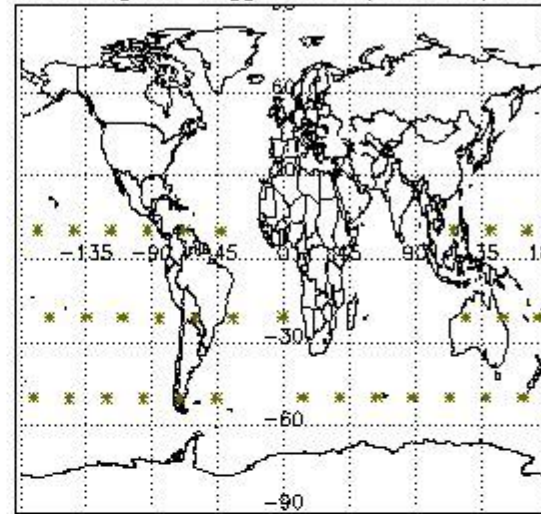


*3.2 Plot quality information per product (world map)*

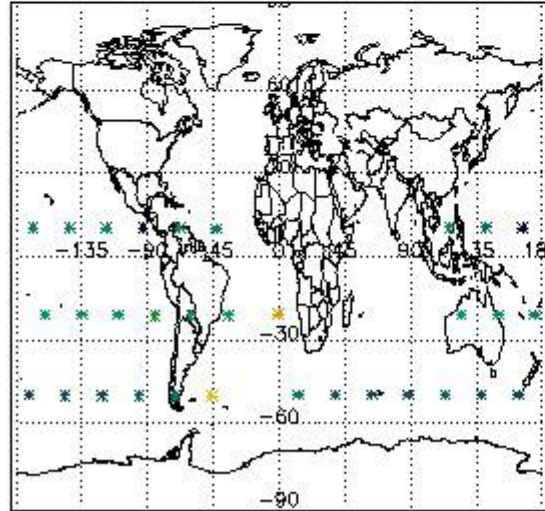
Percentage of flagged data per O3 profile



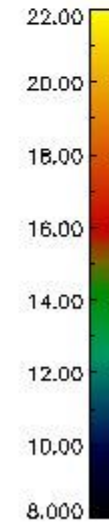
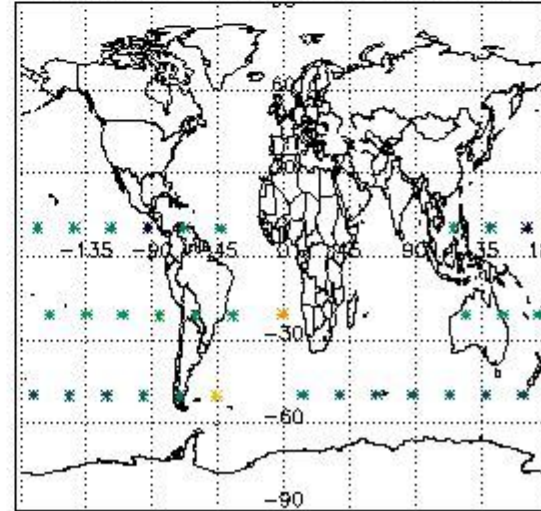
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

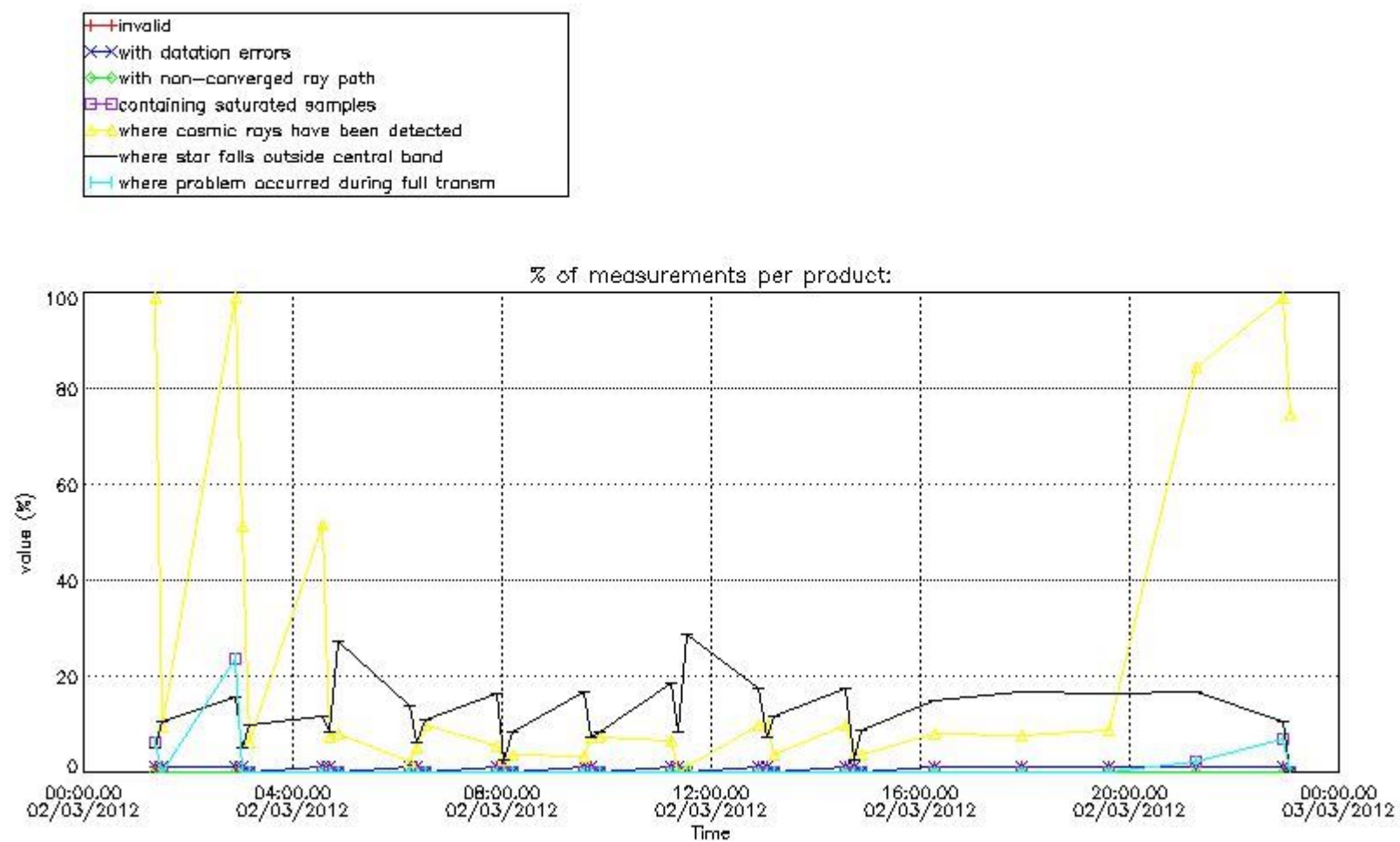


#### 4. Level 1 quality information per product

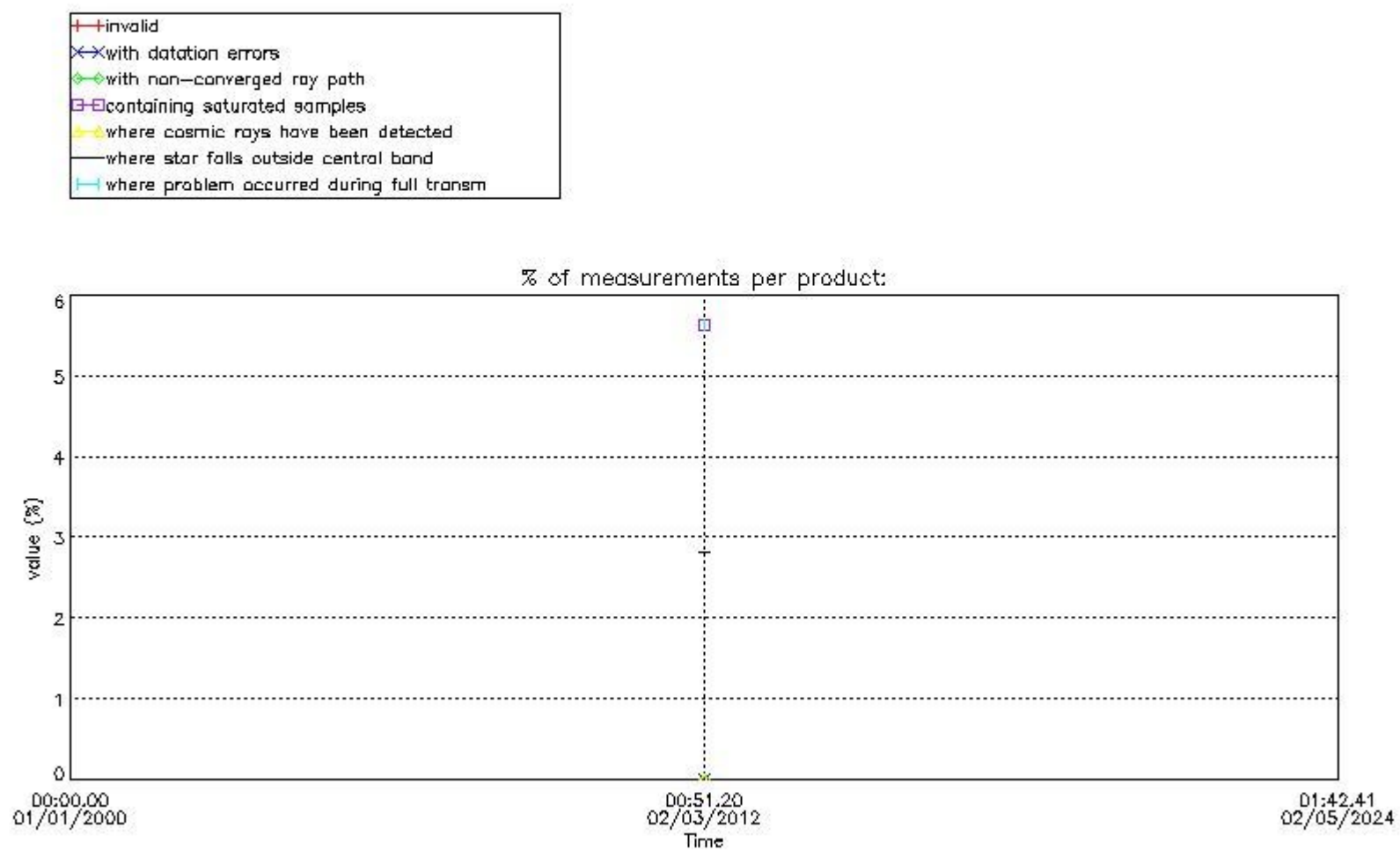
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

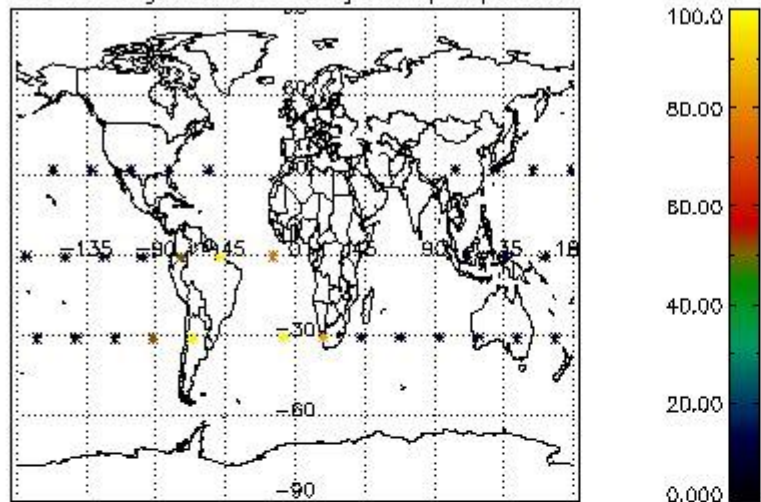


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

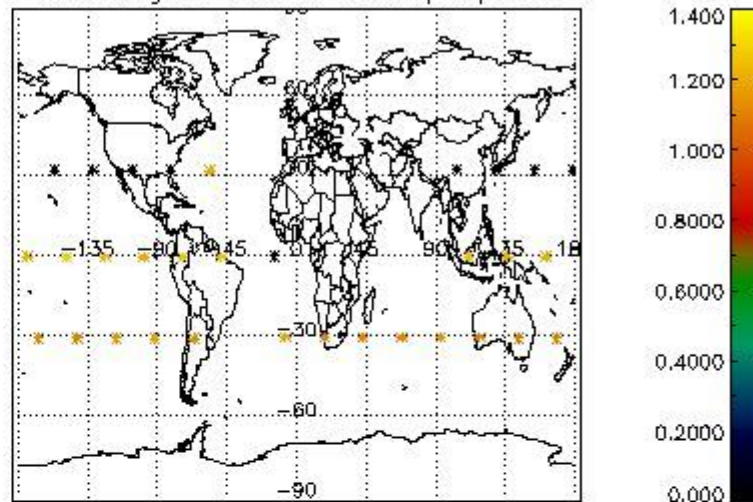


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

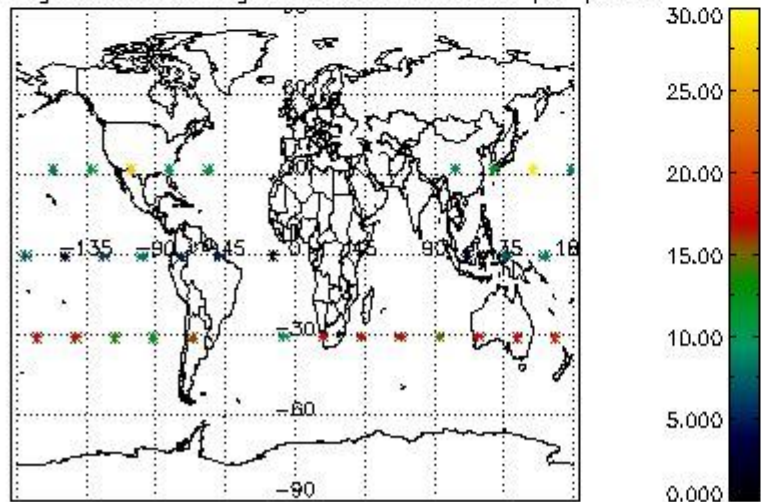
Percentage of cosmic ray hits per profile



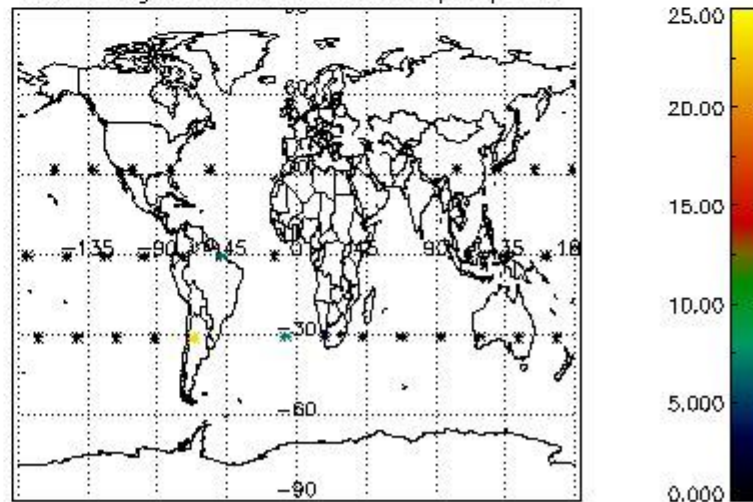
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

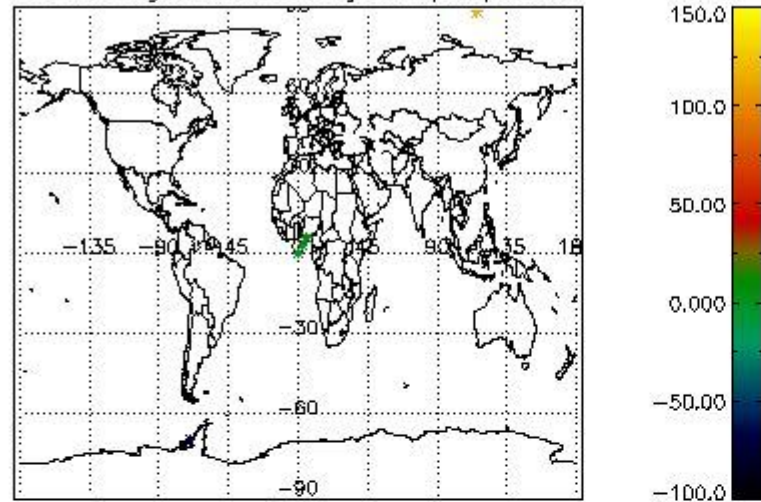


Percentage of saturation errors per profile

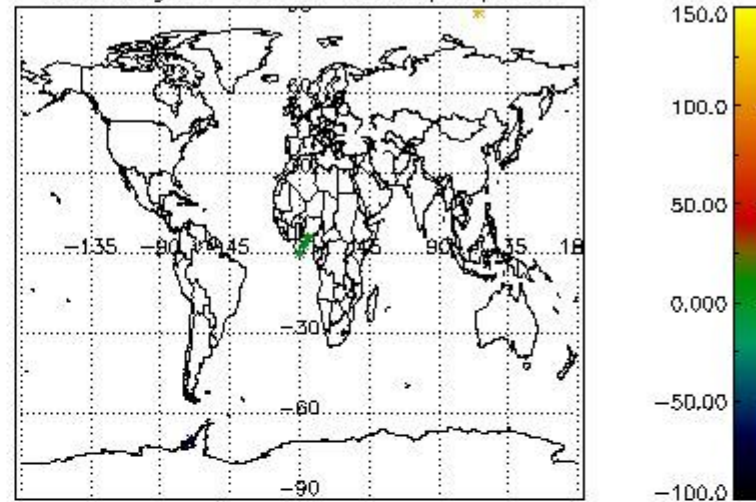


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

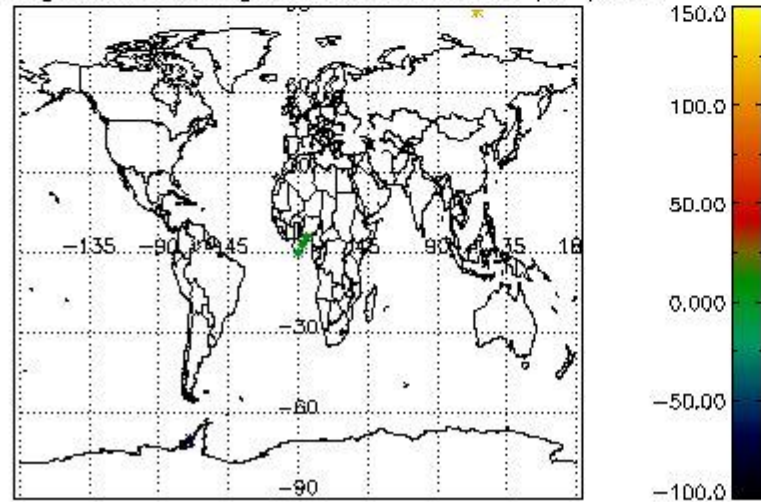
Percentage of cosmic ray hits per profile



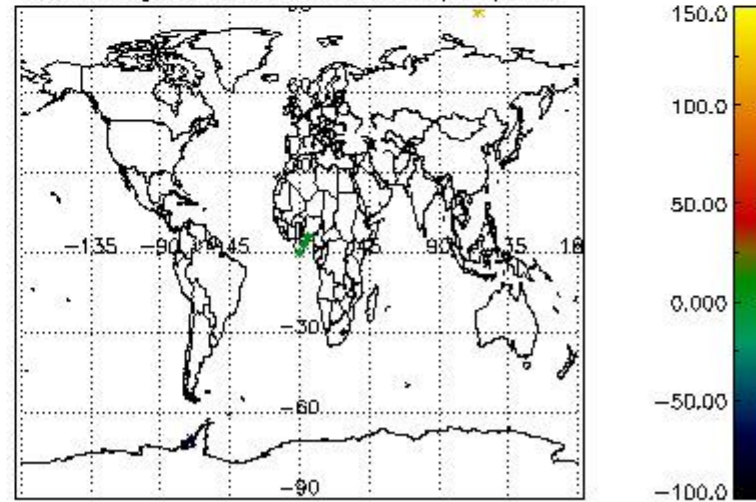
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

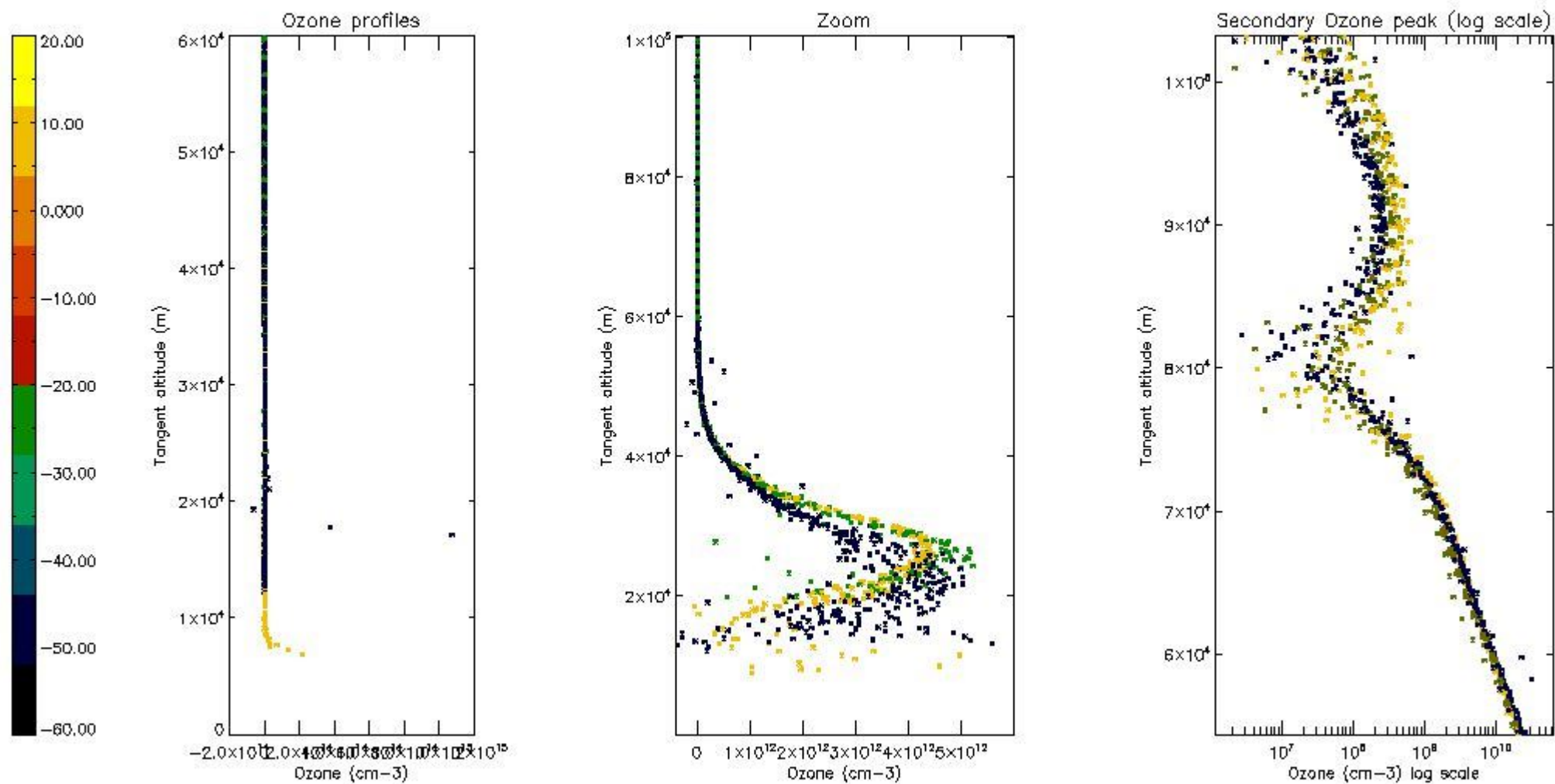
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	98
STD < 20	60

STD < 10	53
STD < 5	41

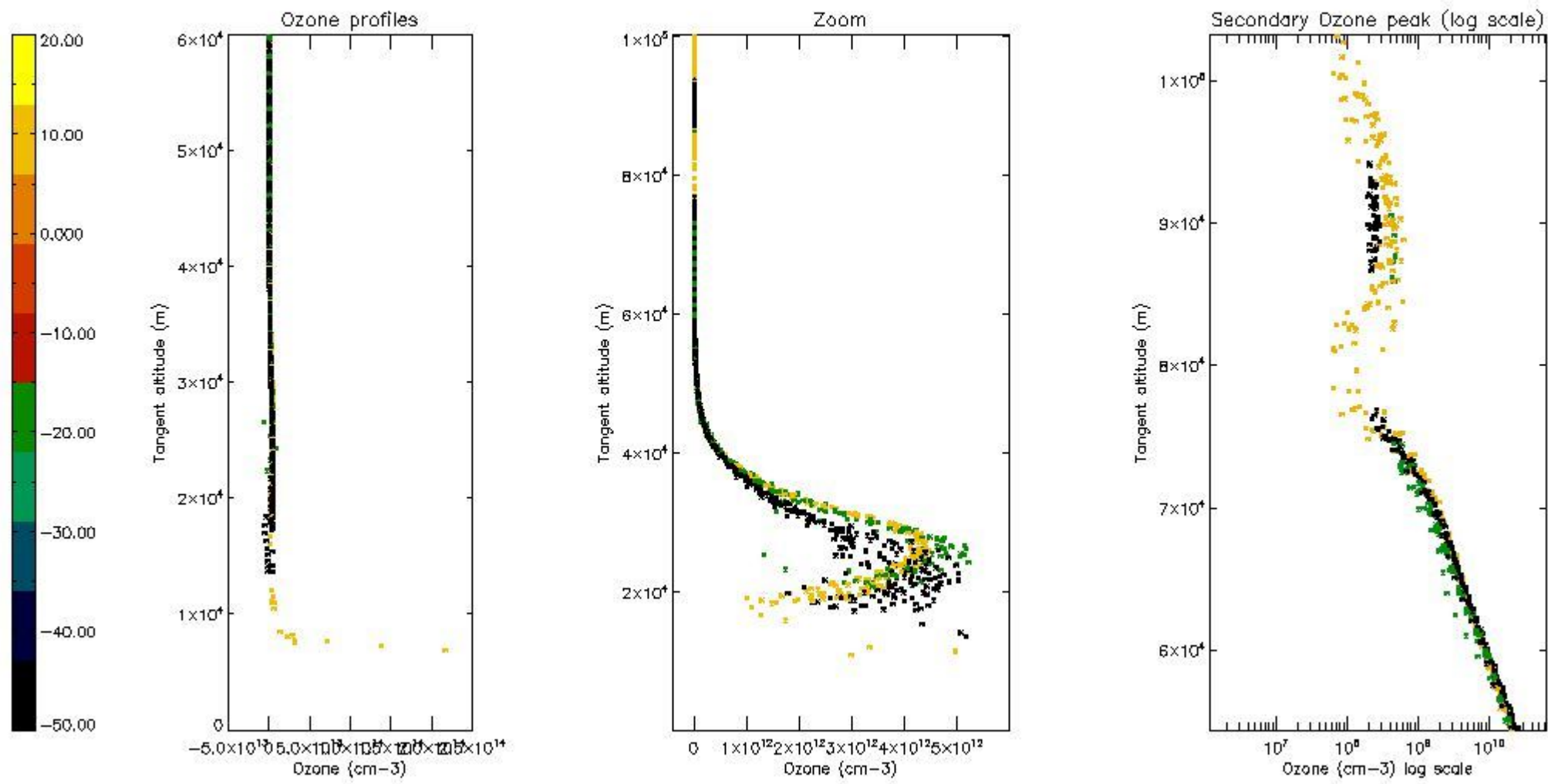
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

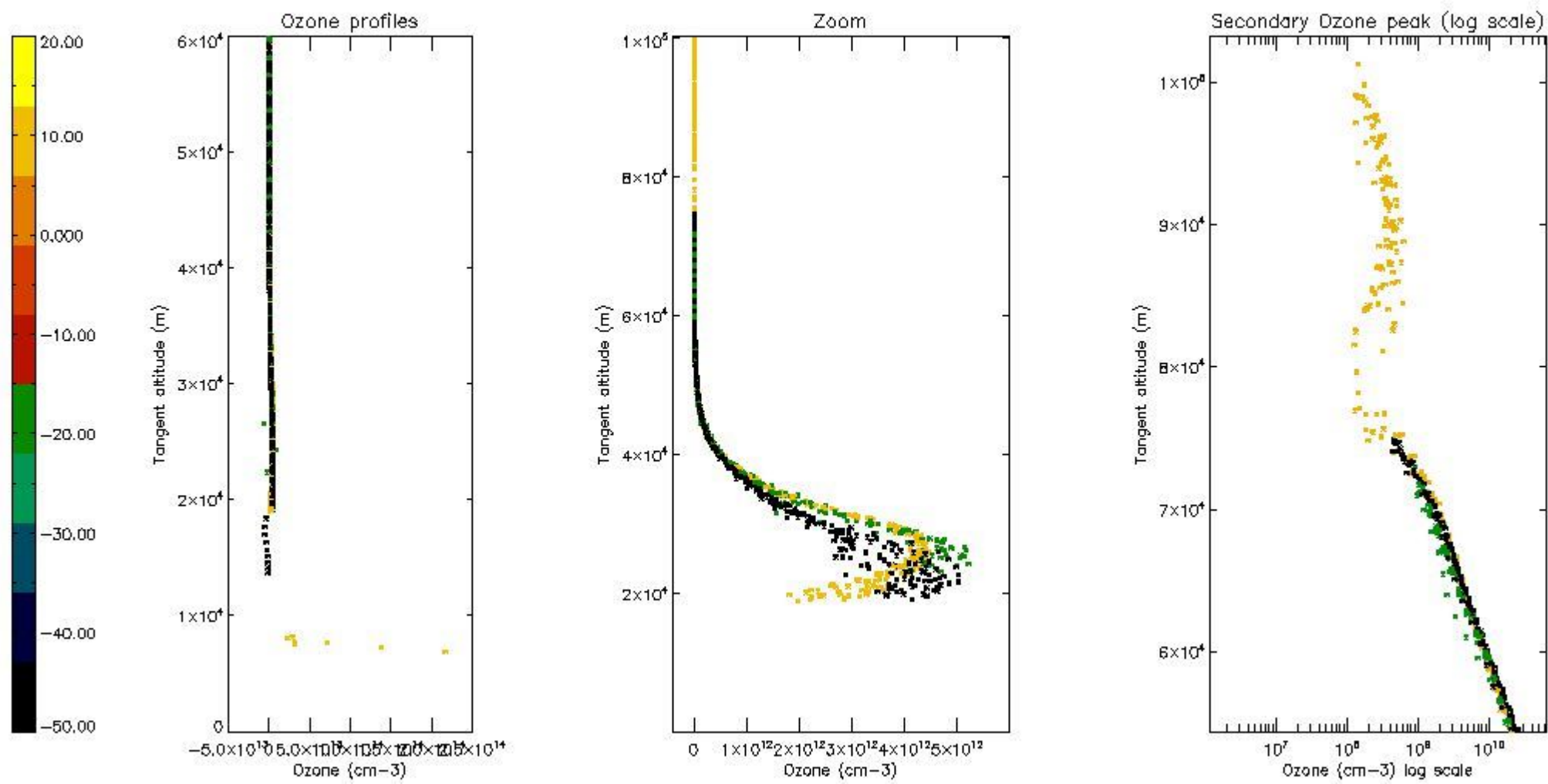
The colorbar represents the latitude.



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

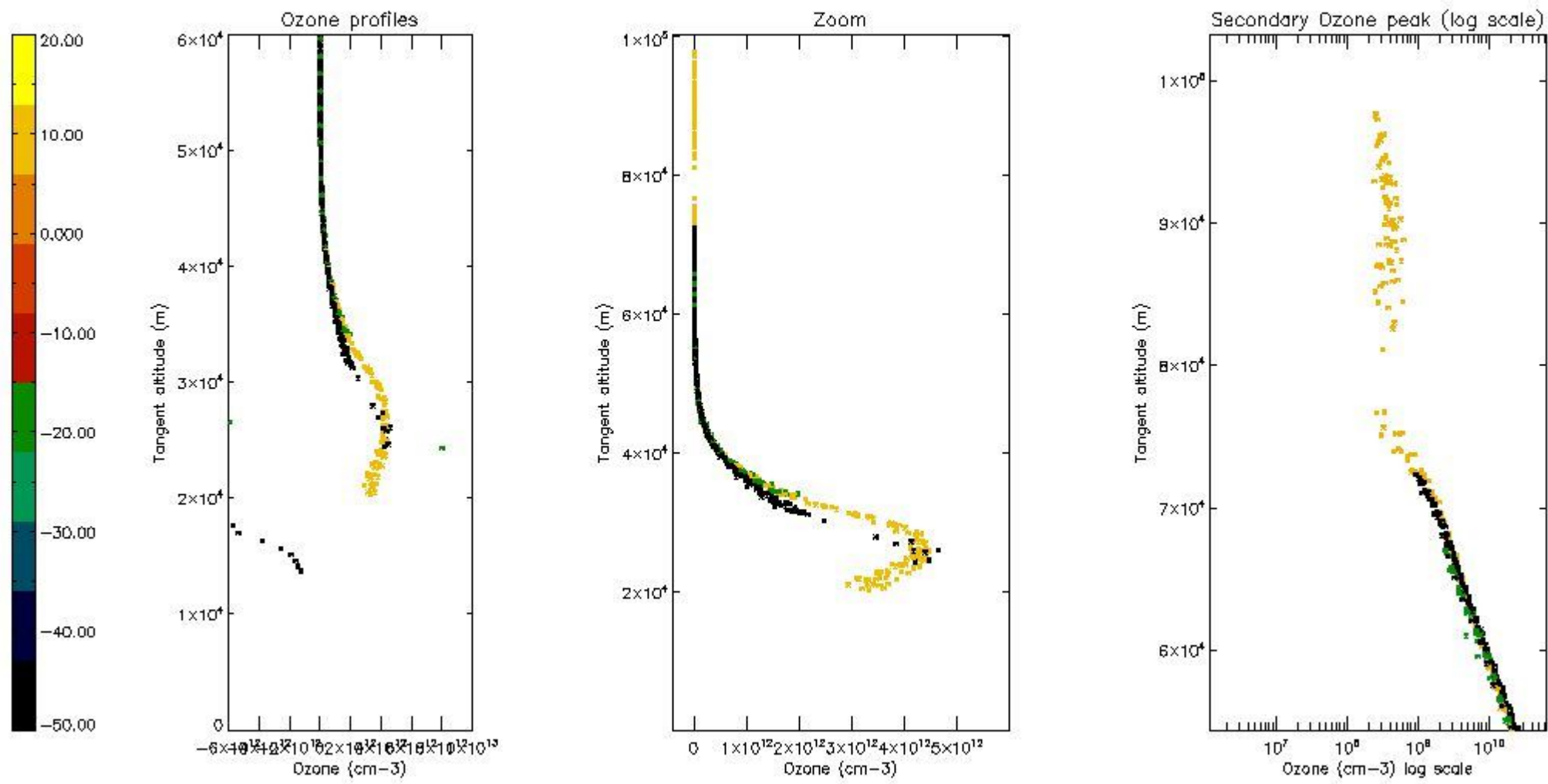
The colorbar represents the latitude.





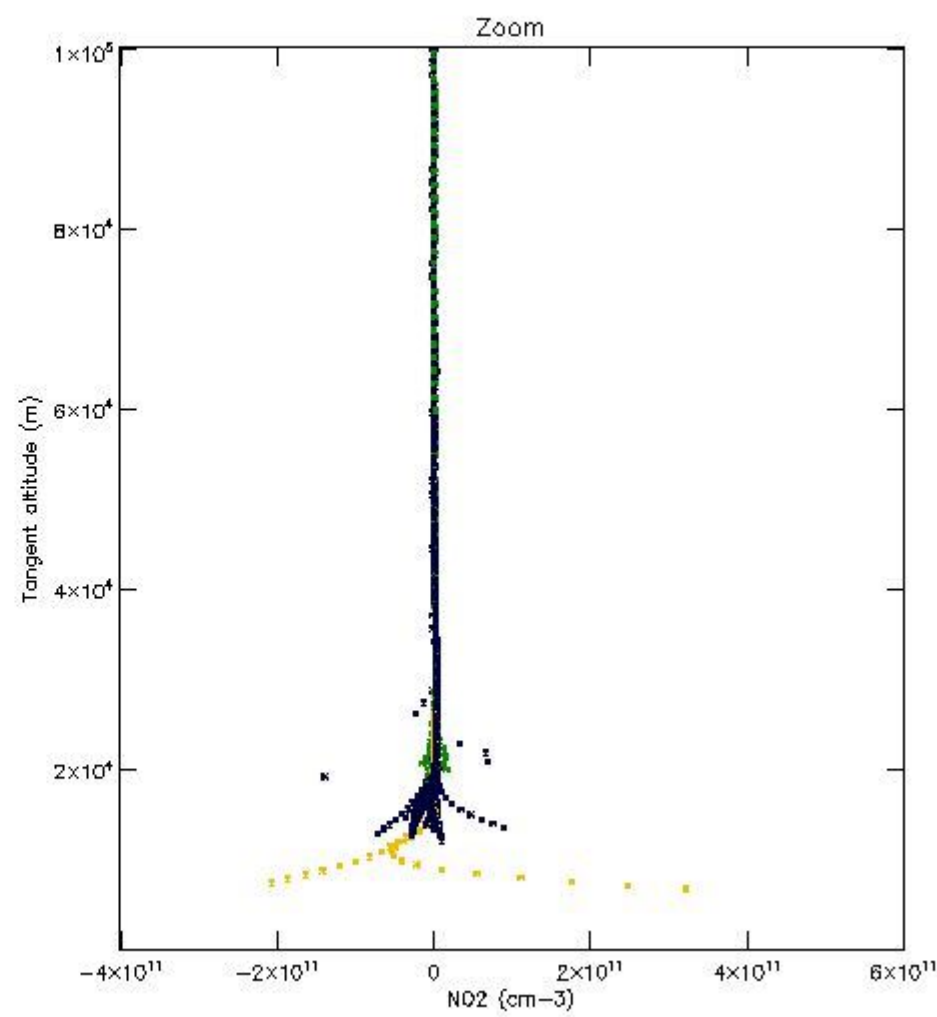
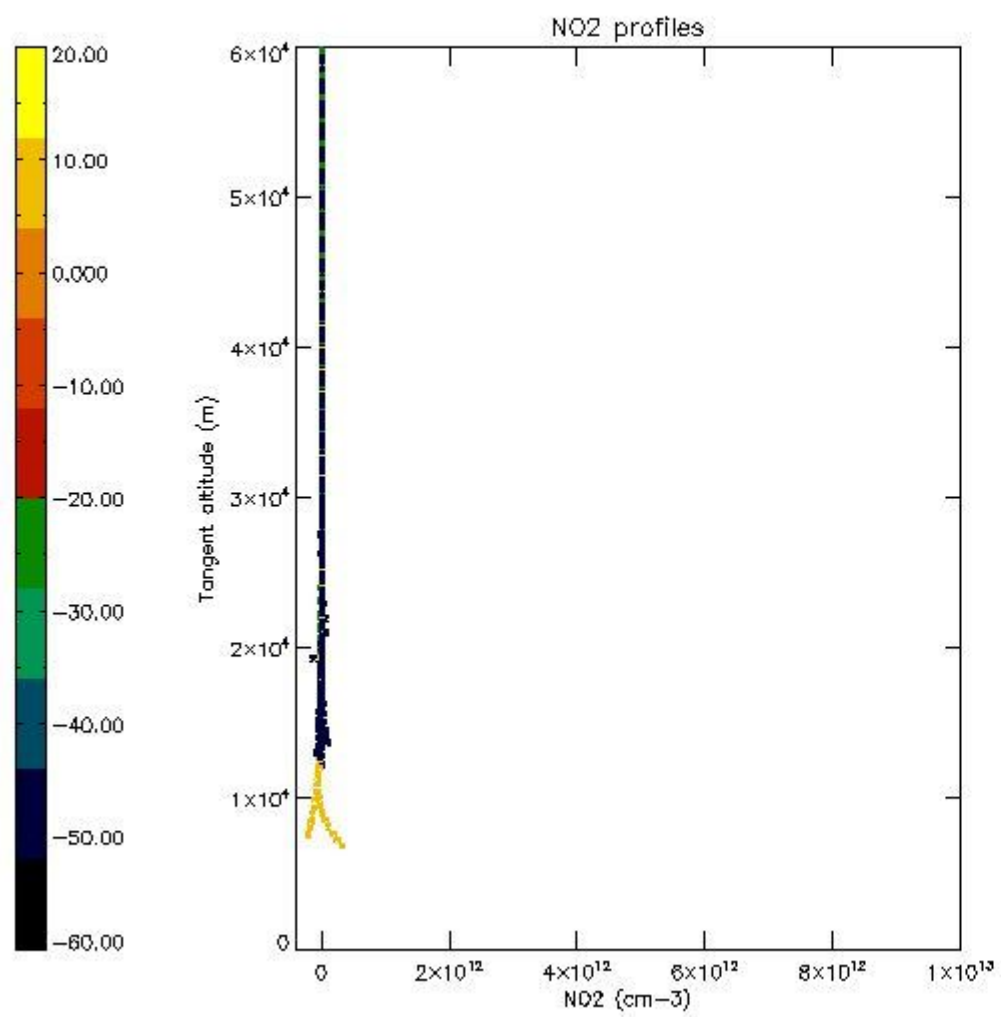
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



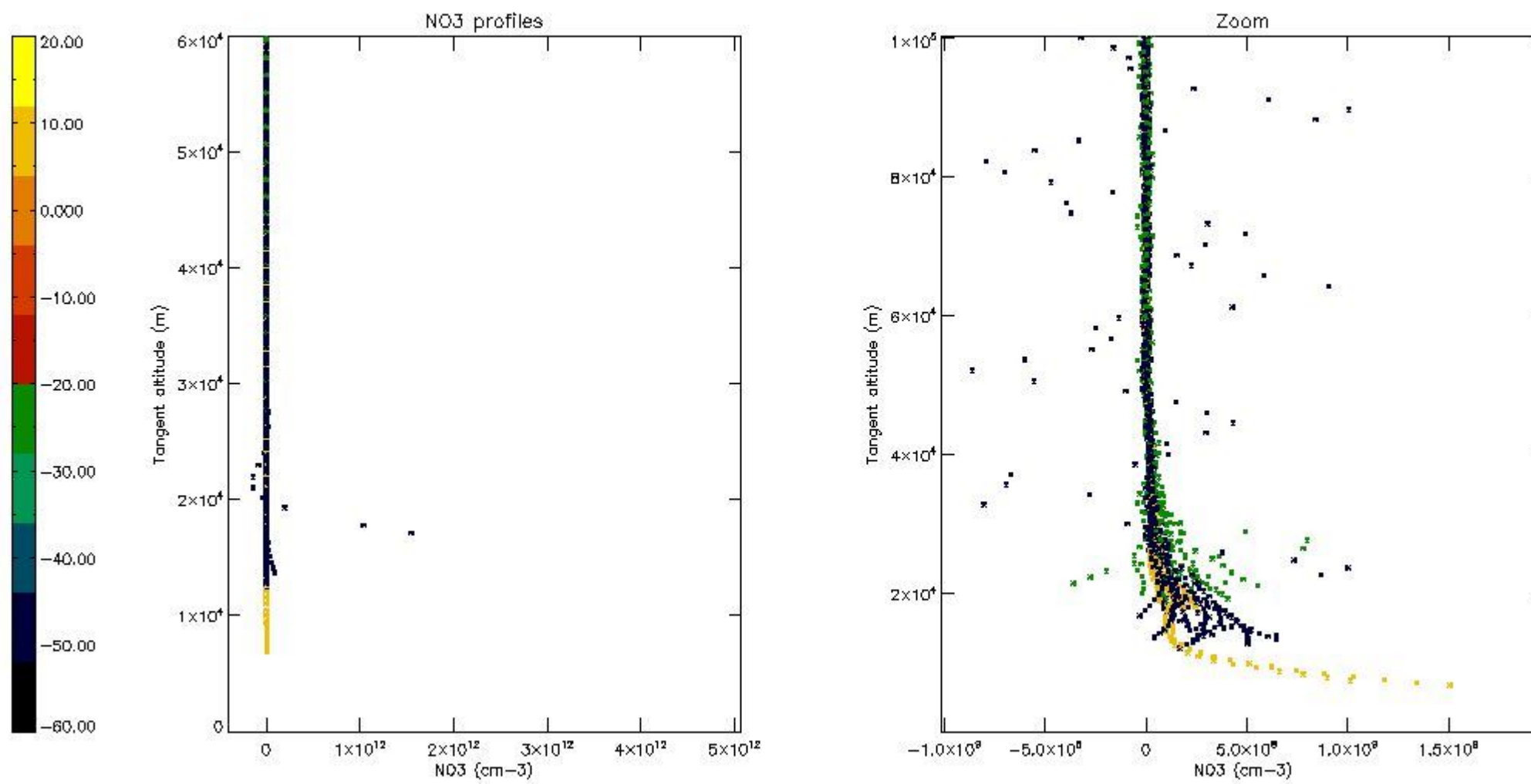
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

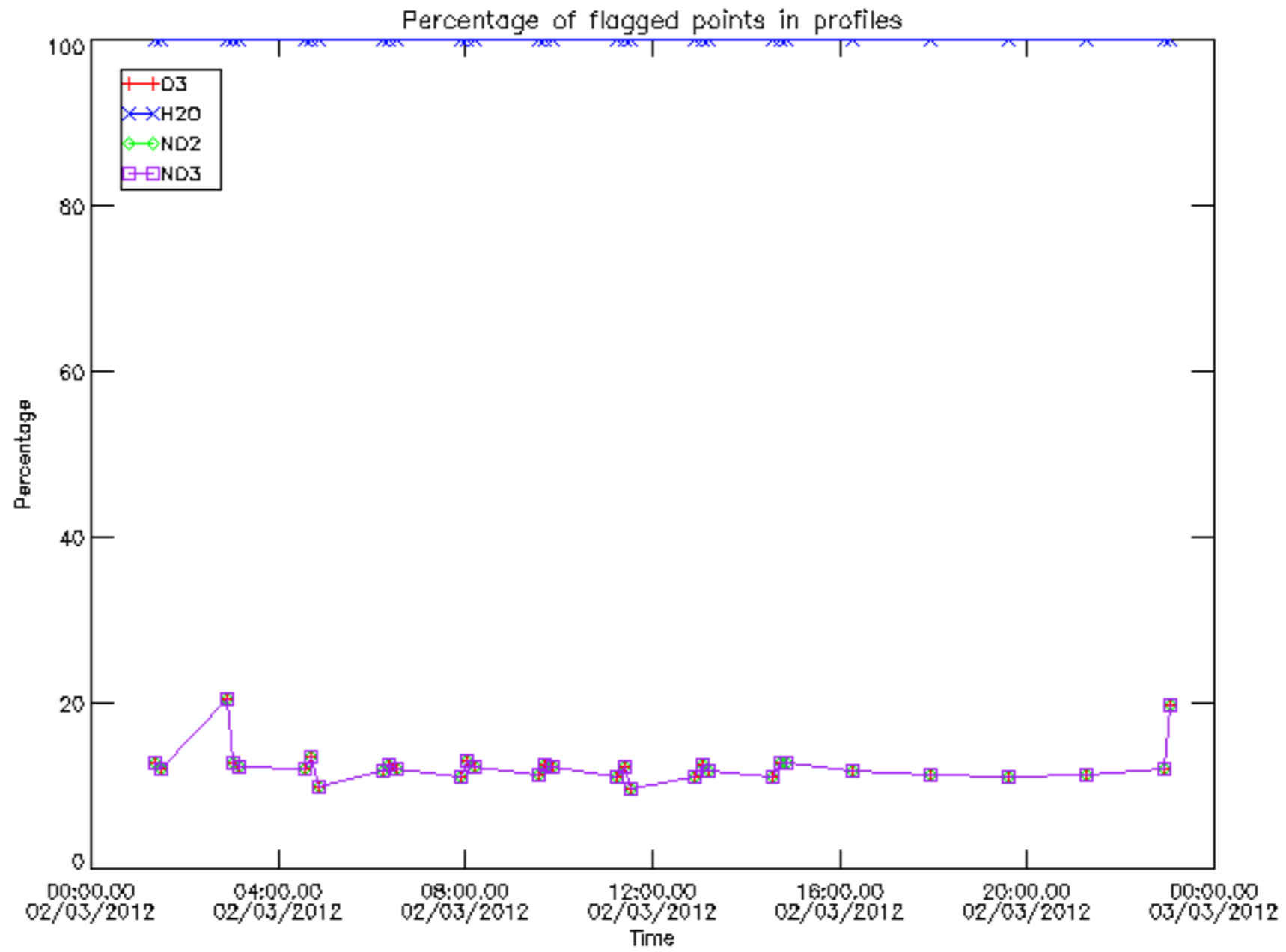
The colorbar represents the latitude.



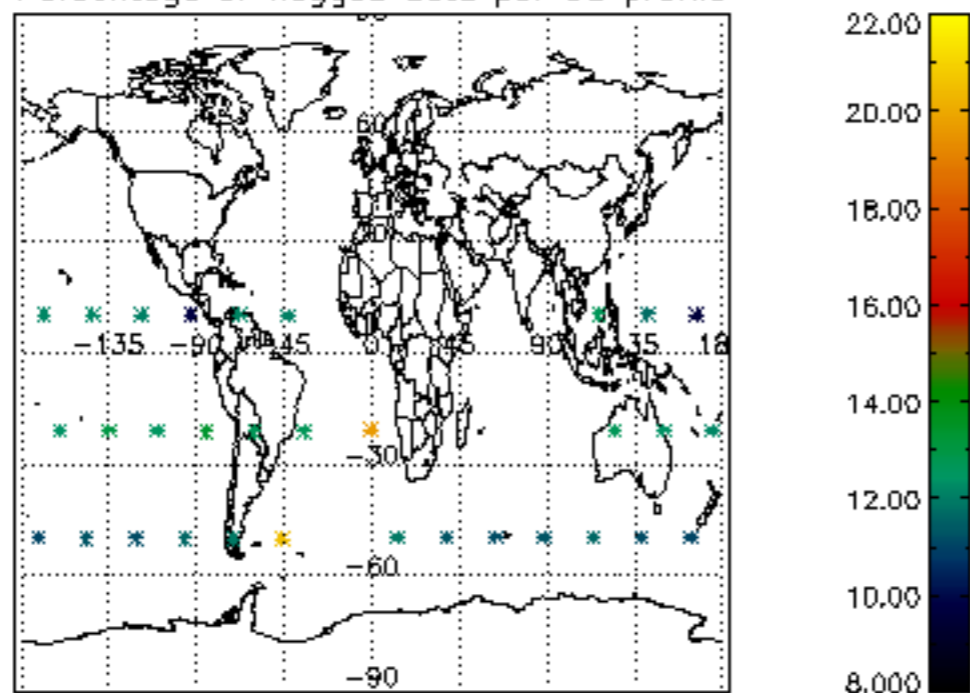
## 6. Auxiliary Data Files used for the production reported in section 2

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.

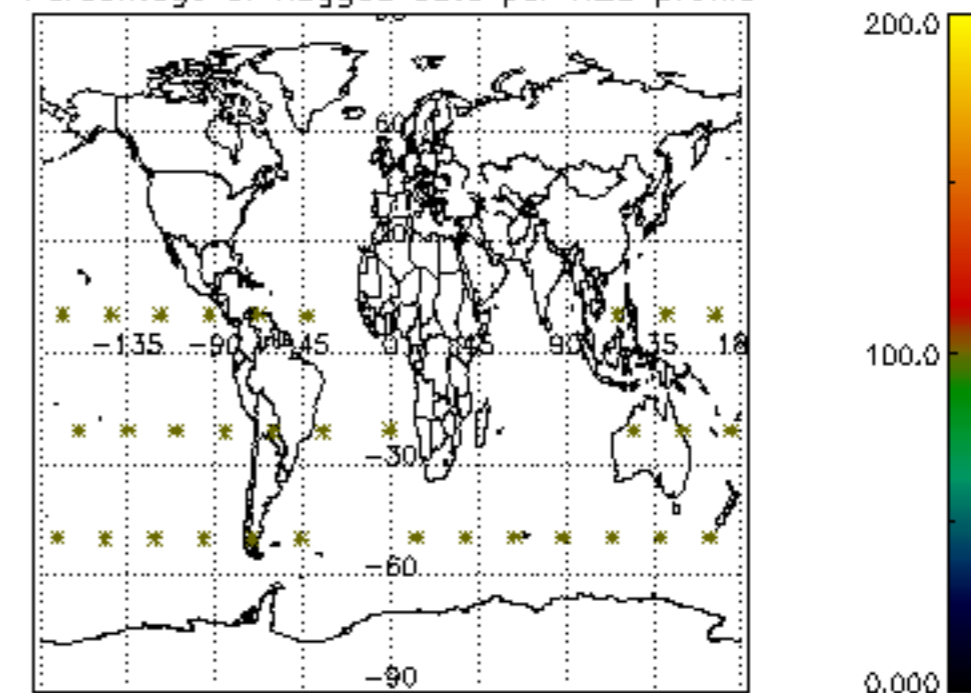
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	02-MAR-2012 00:51:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-MAR-2012 00:51:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-MAR-2012 00:51:20



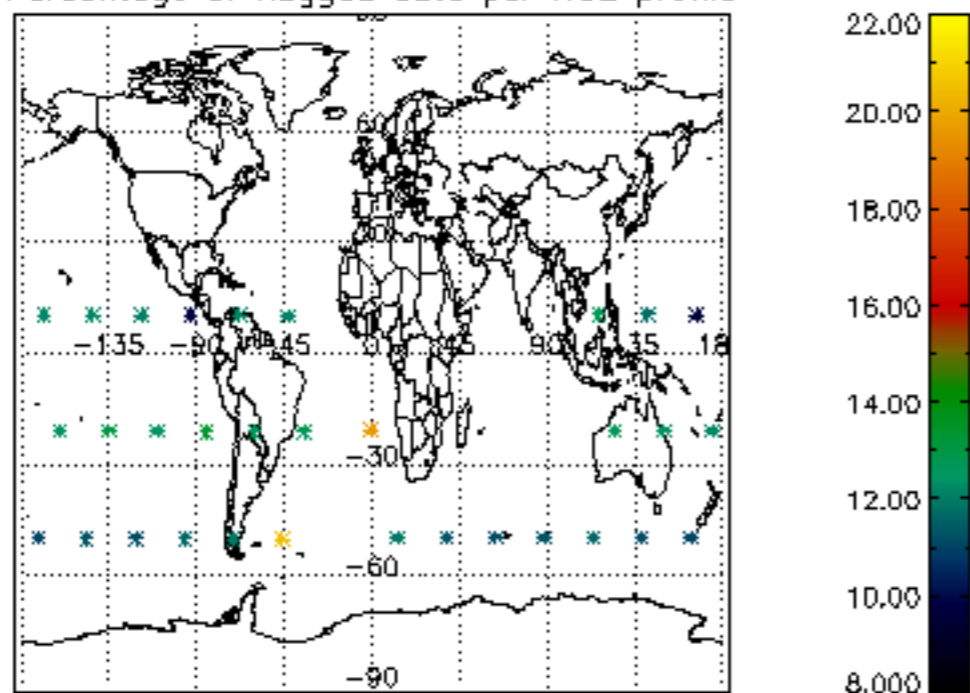
Percentage of flagged data per D3 profile



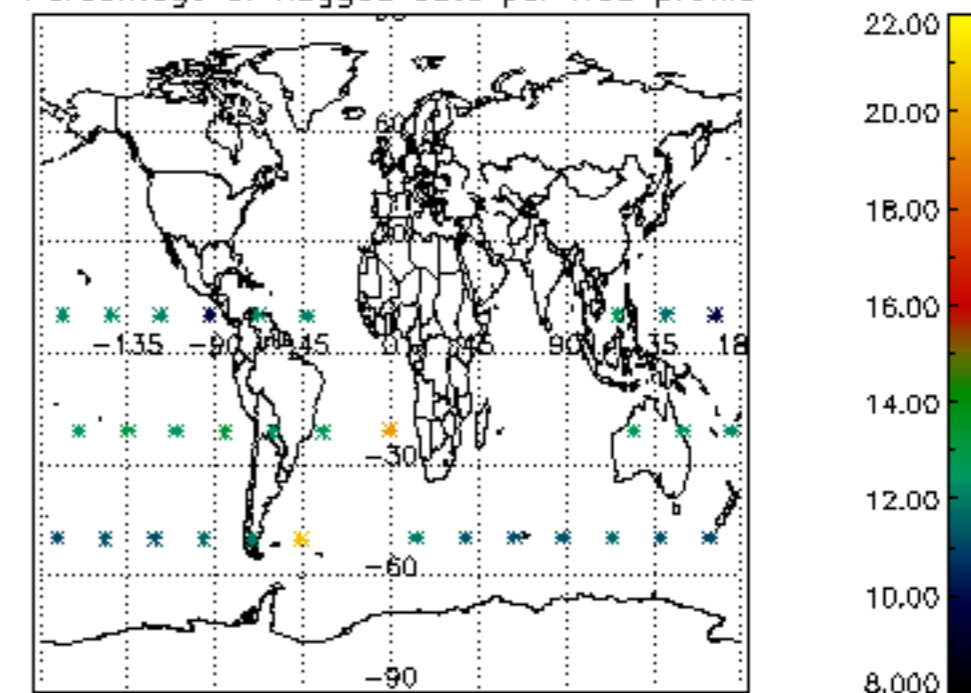
Percentage of flagged data per H2O profile

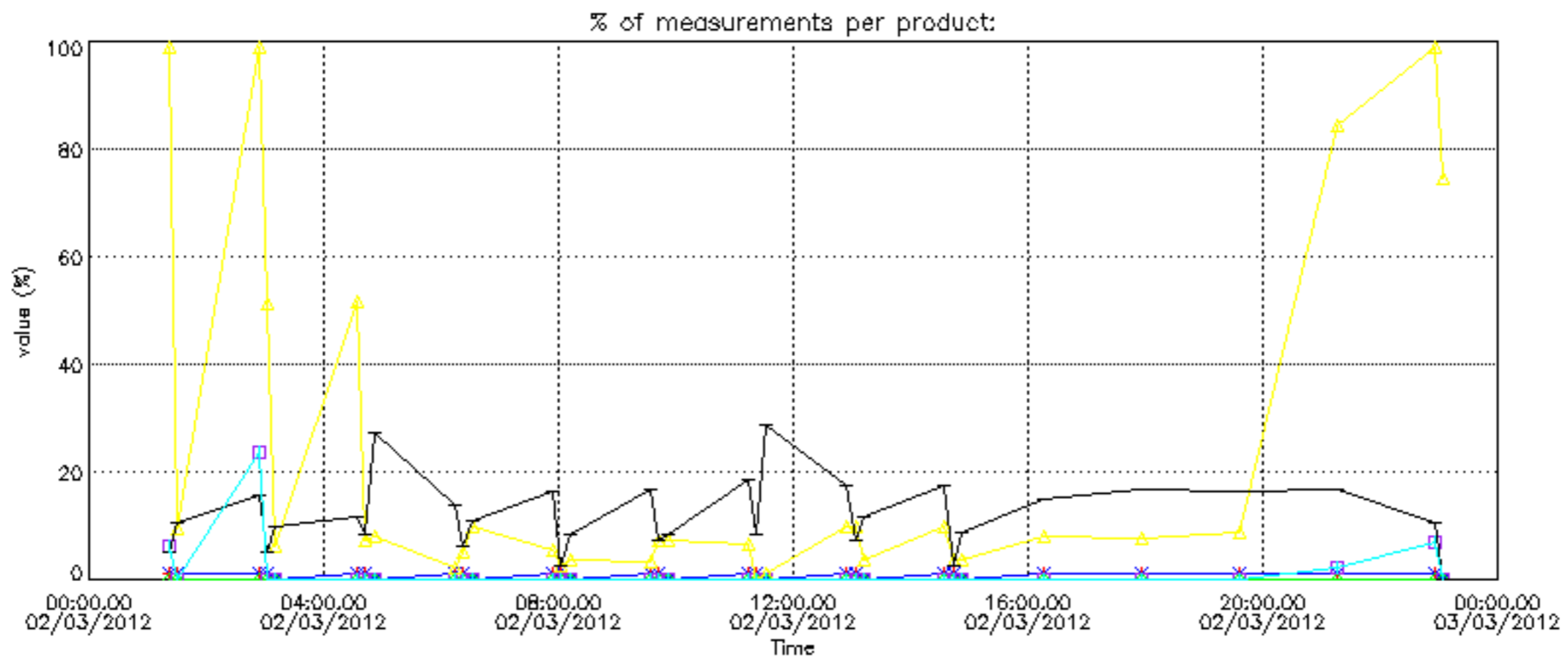


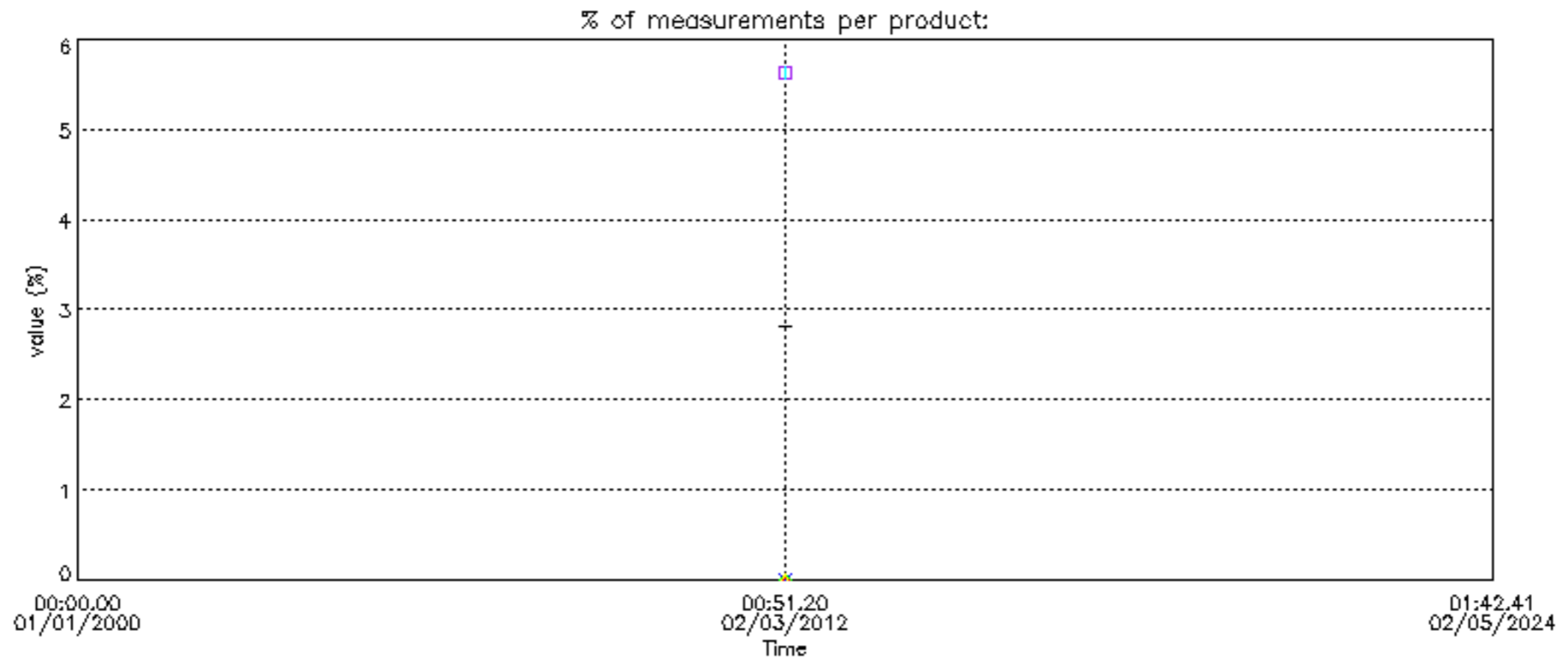
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

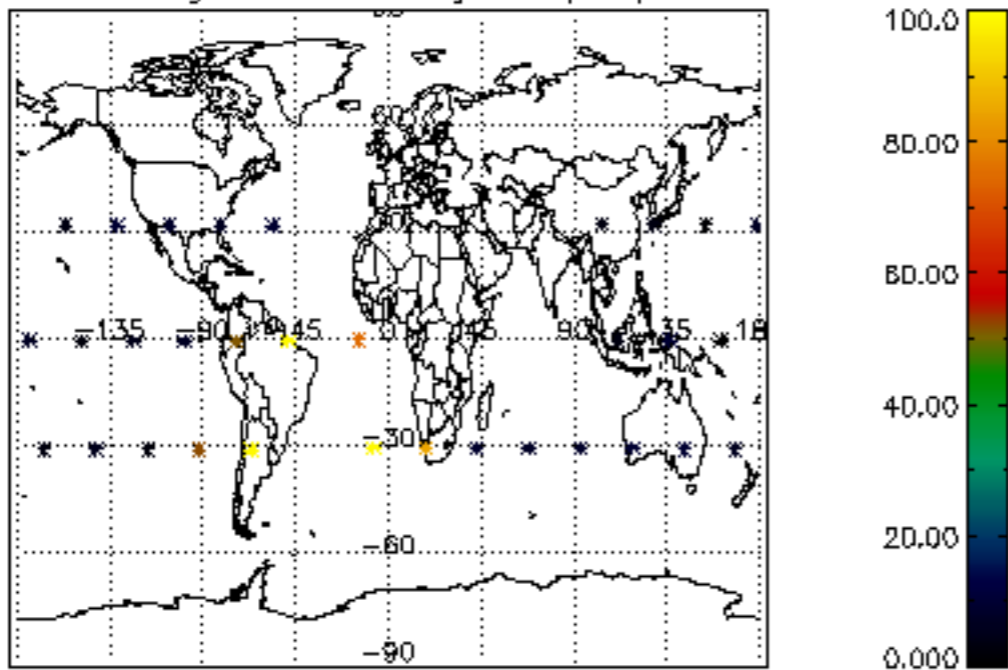




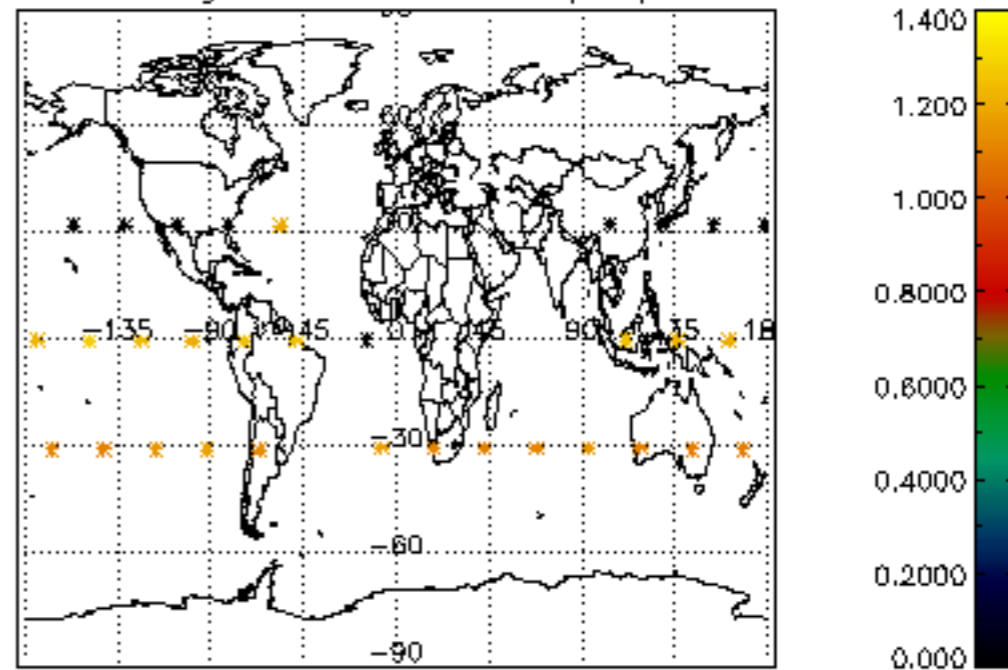




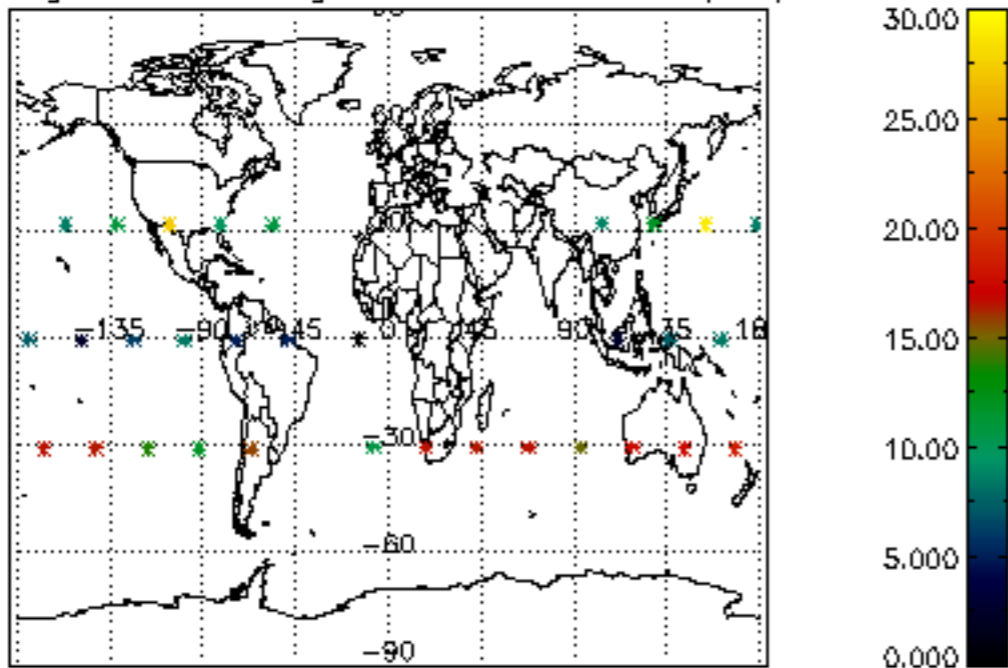
Percentage of cosmic ray hits per profile



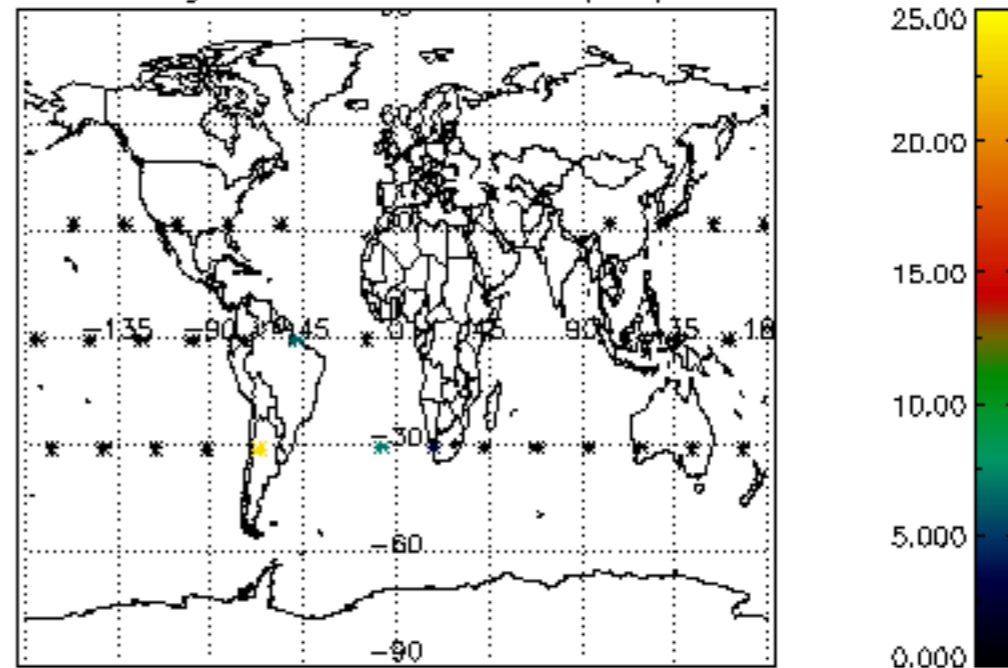
Percentage of datation errors per profile



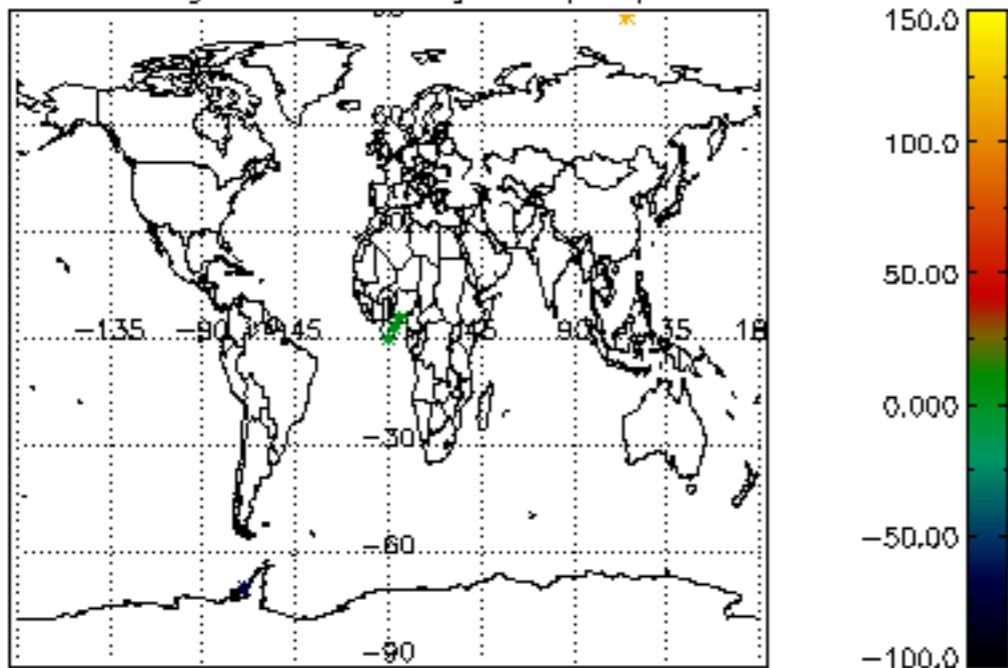
Percentage of star falling outside central band per profile



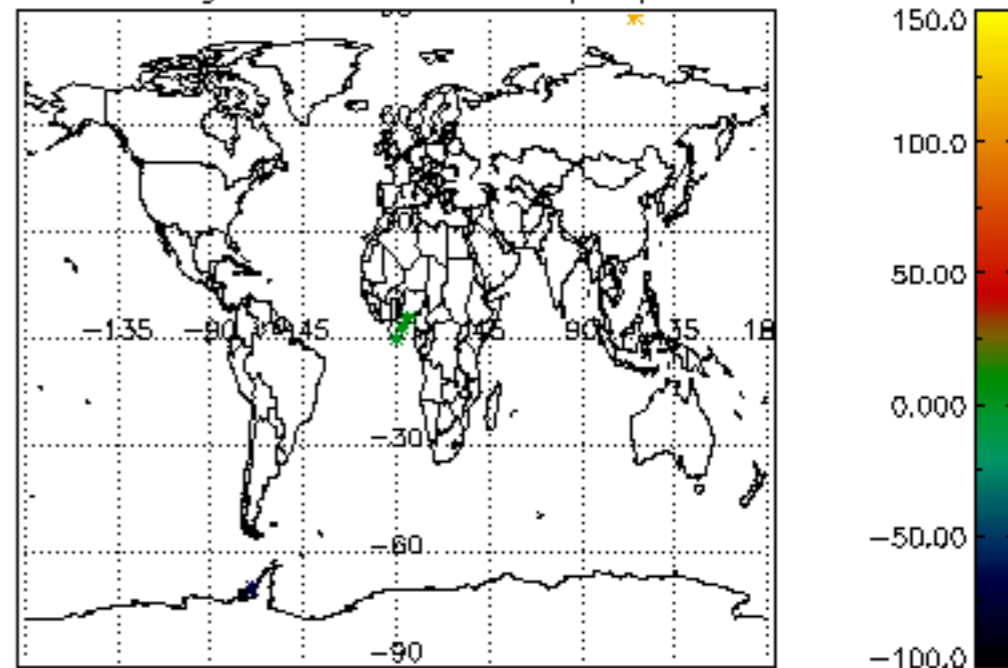
Percentage of saturation errors per profile



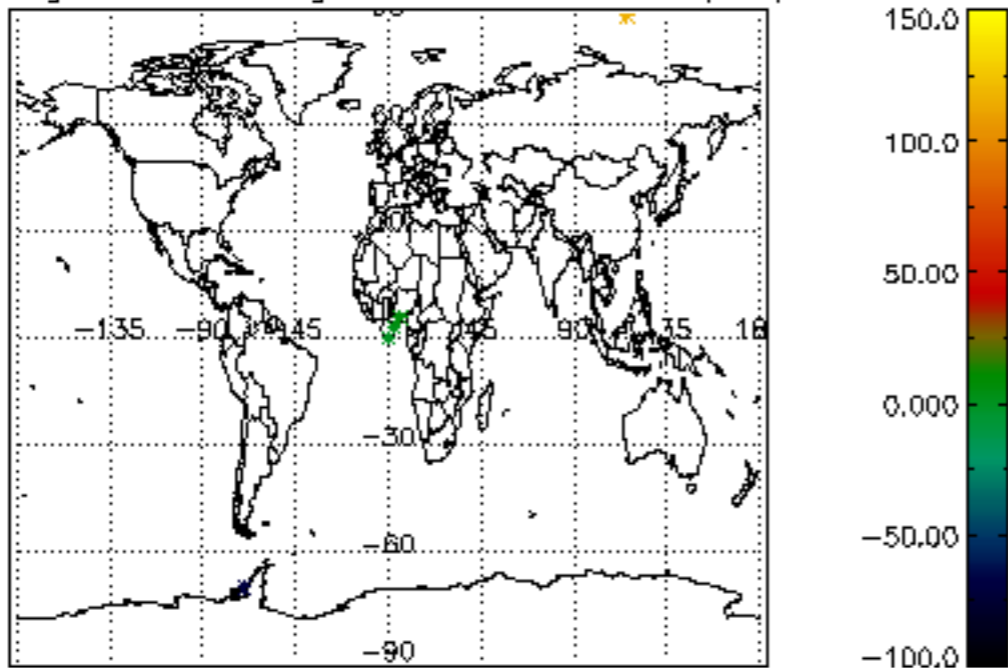
Percentage of cosmic ray hits per profile



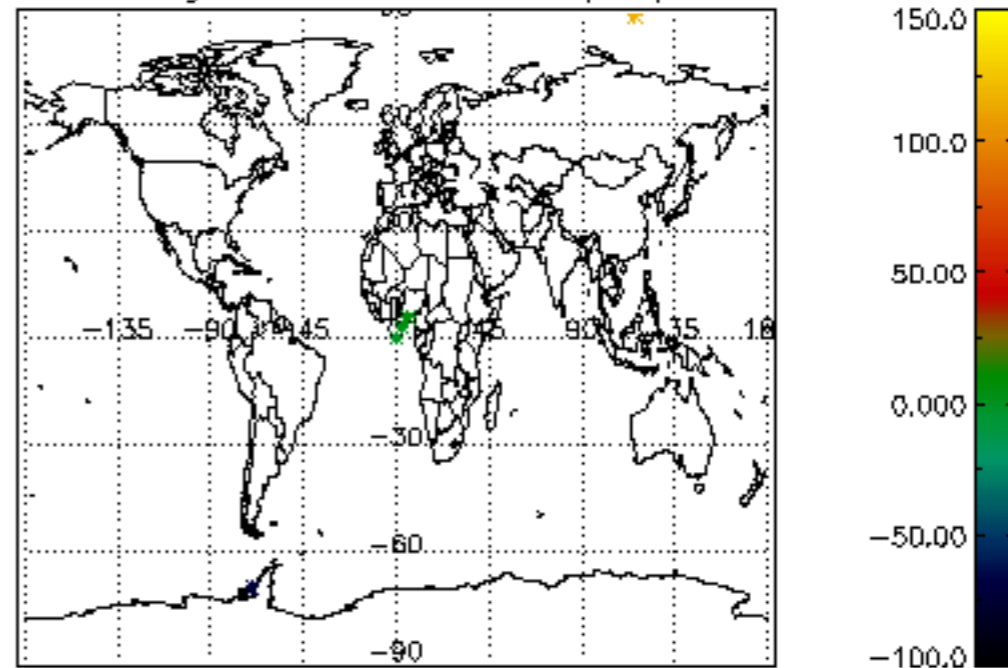
Percentage of datation errors per profile

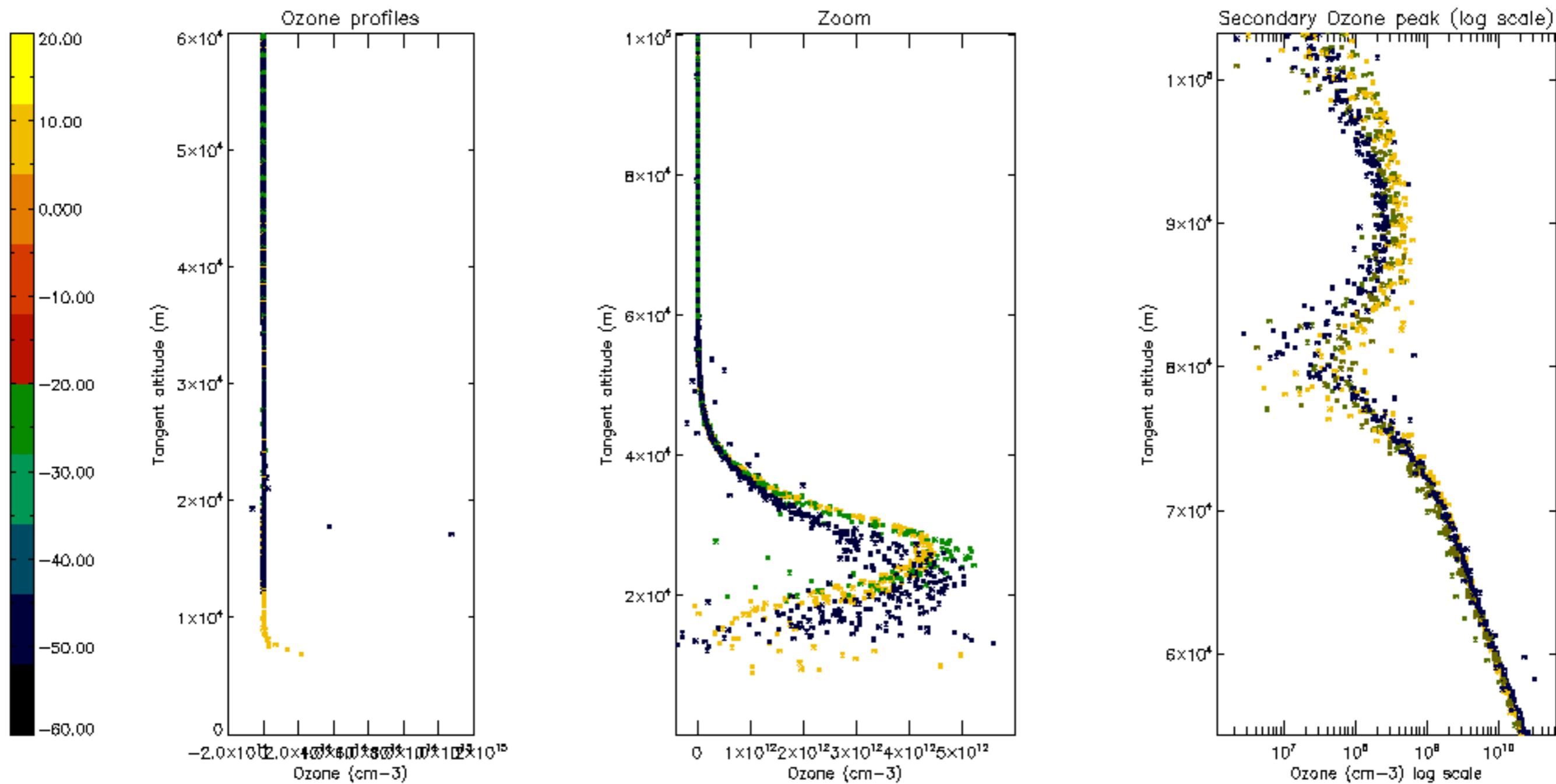


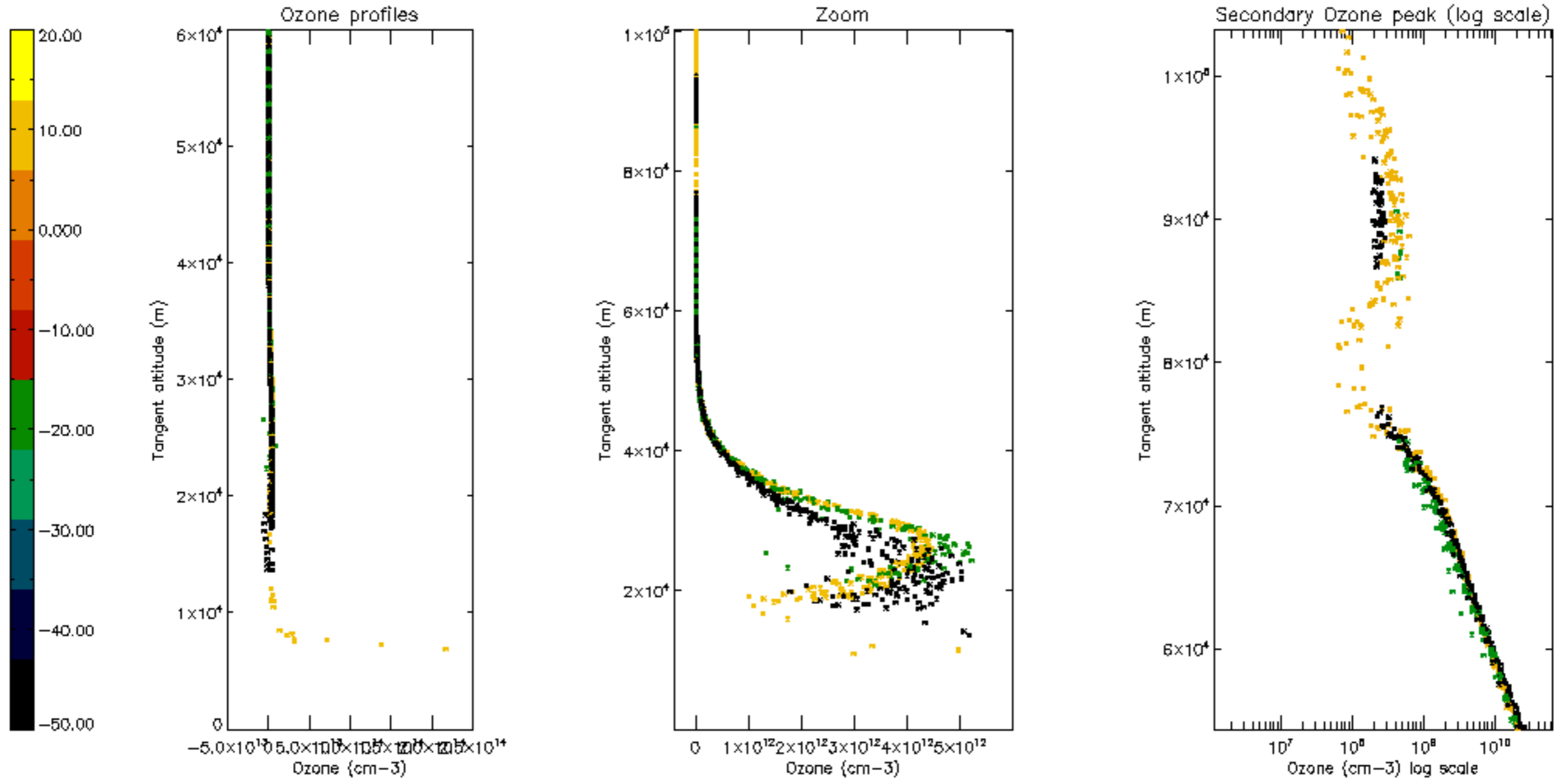
Percentage of star falling outside central band per profile

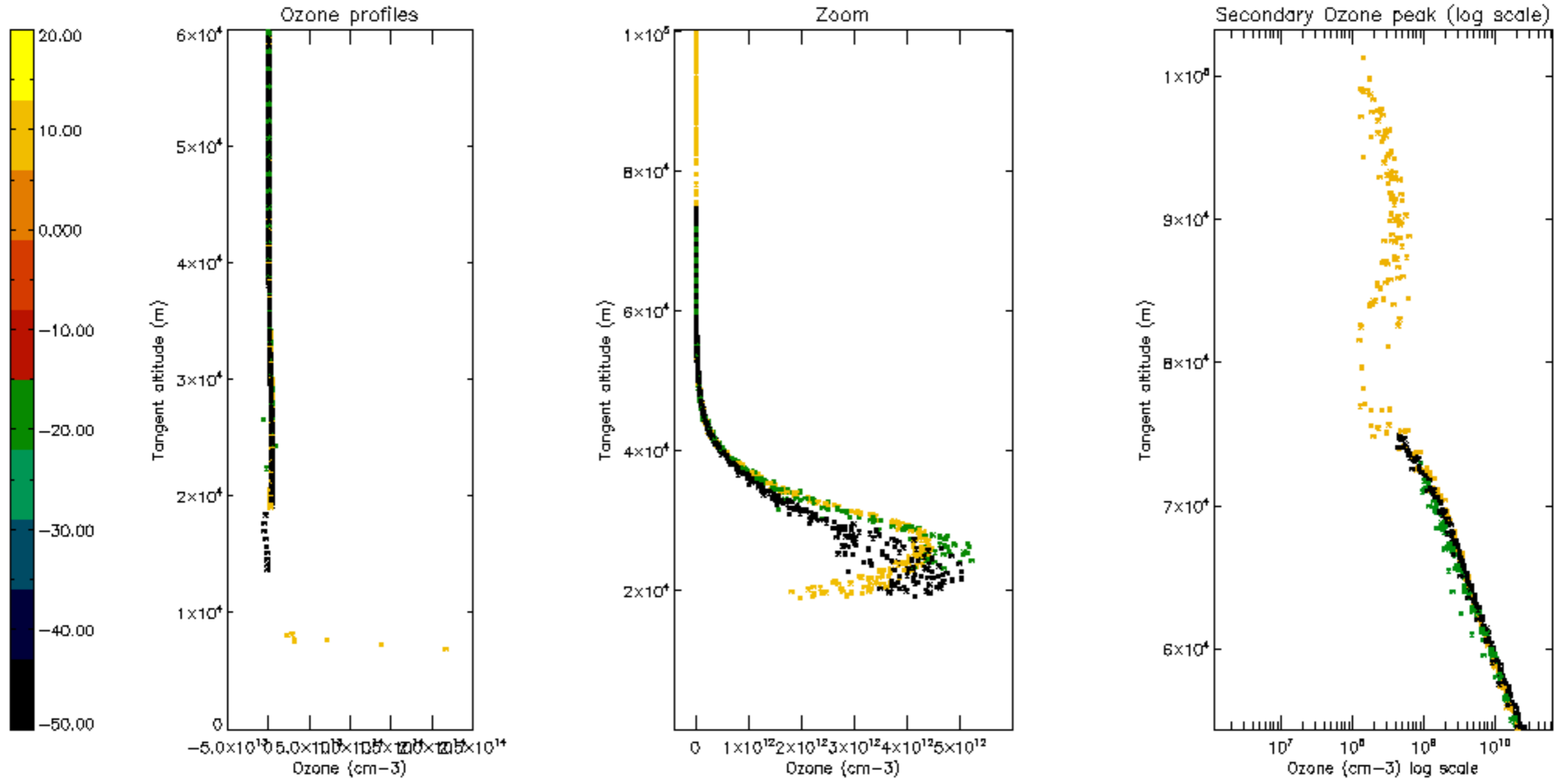


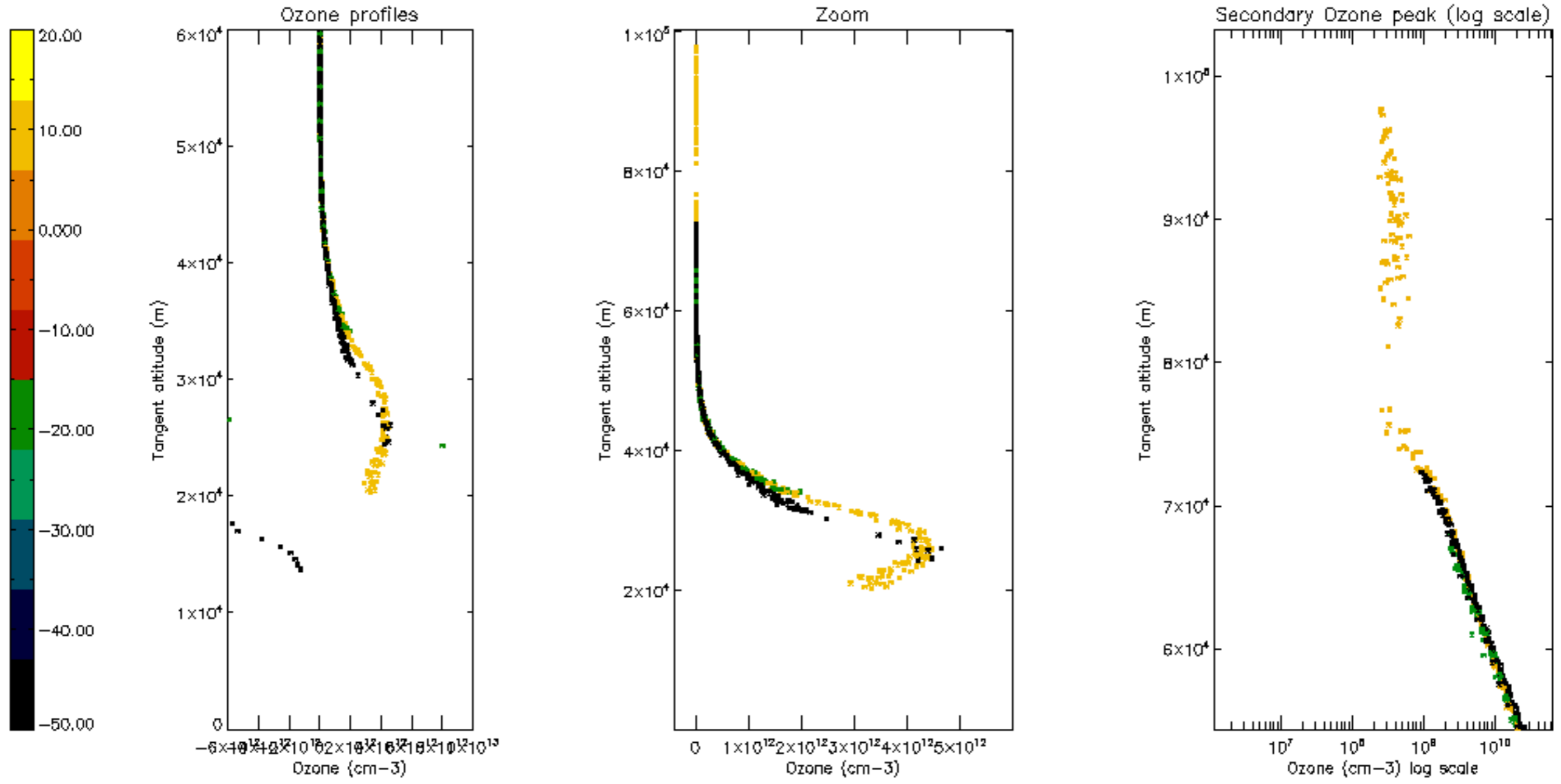
Percentage of saturation errors per profile

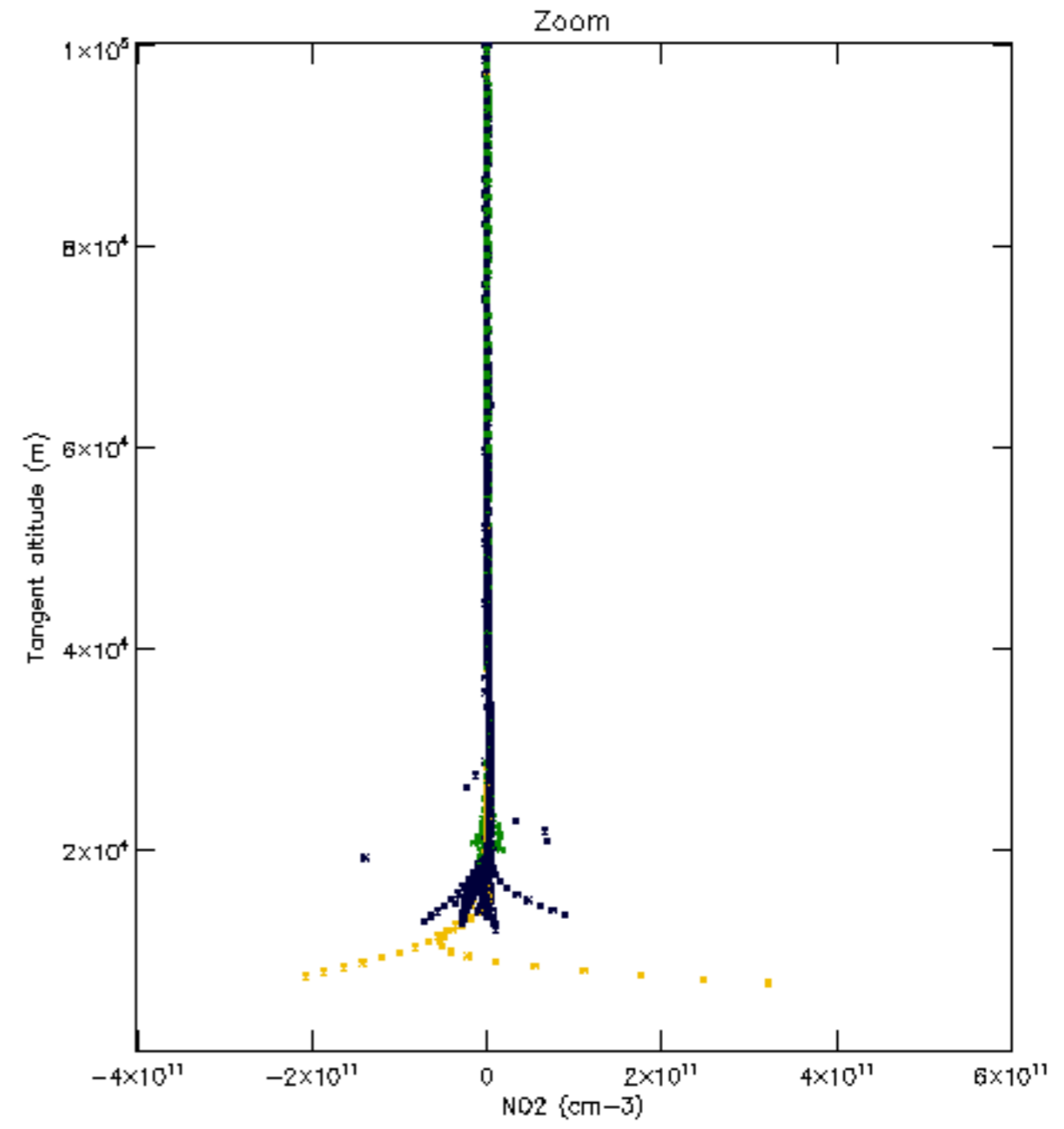
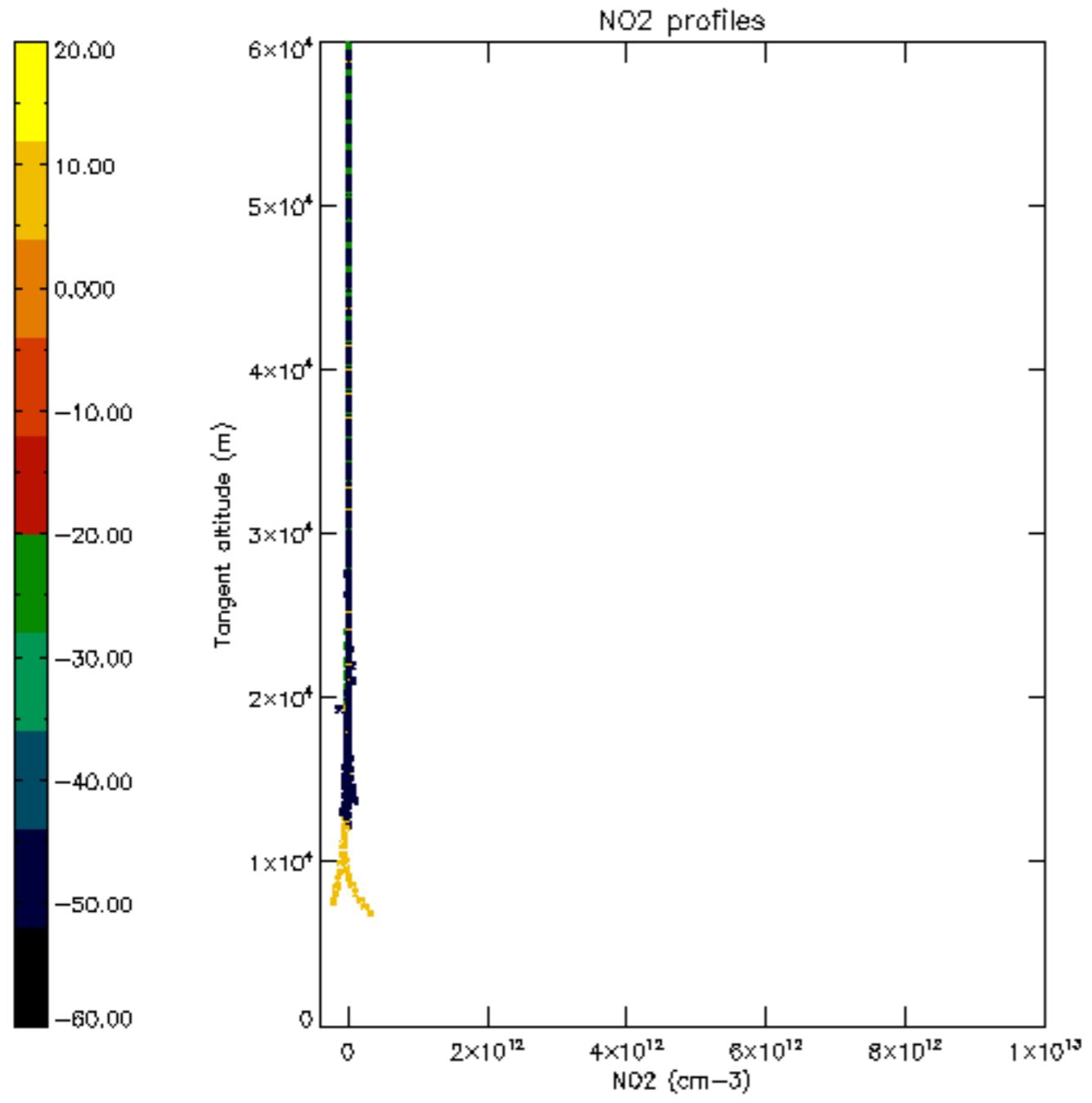


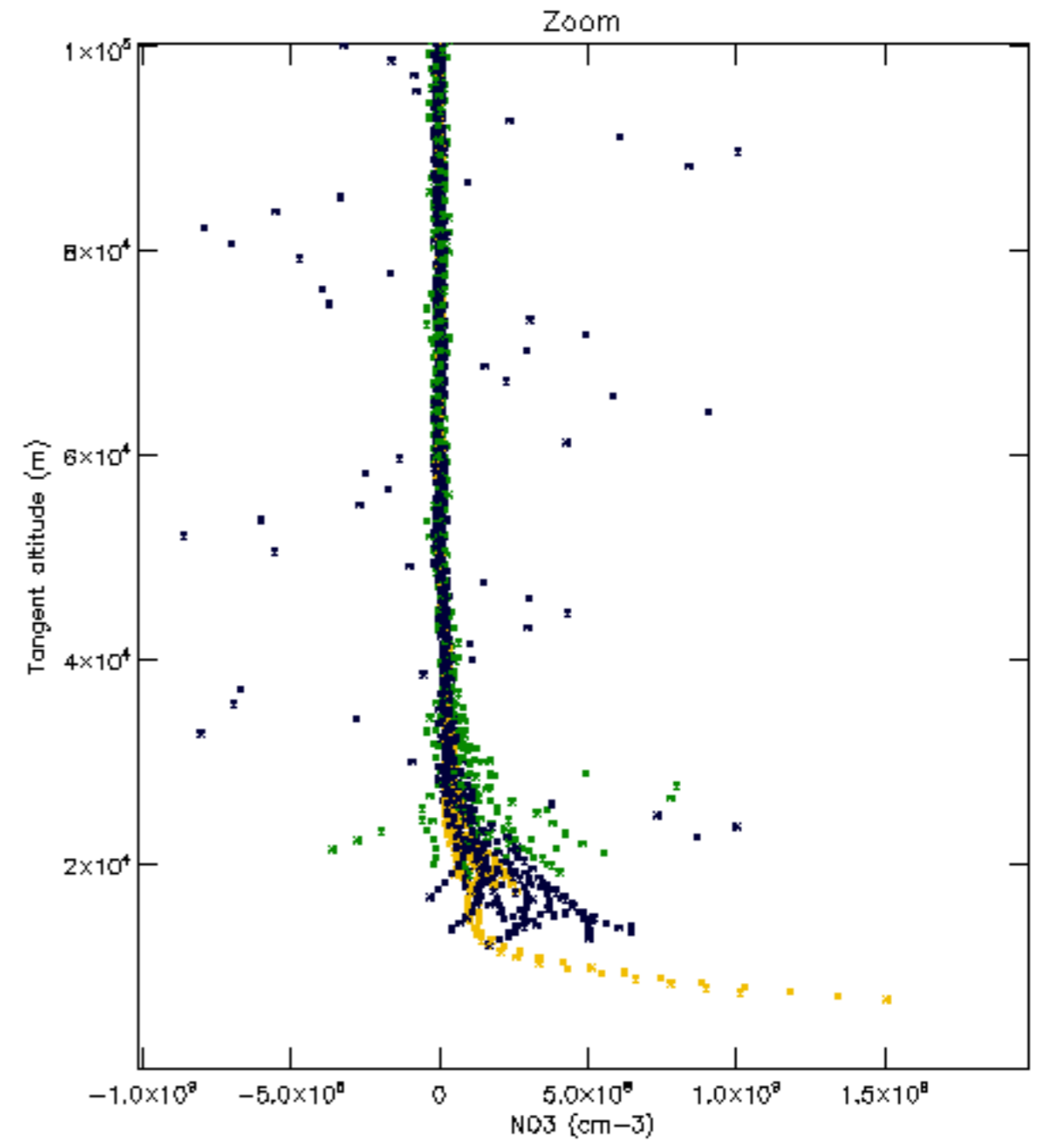
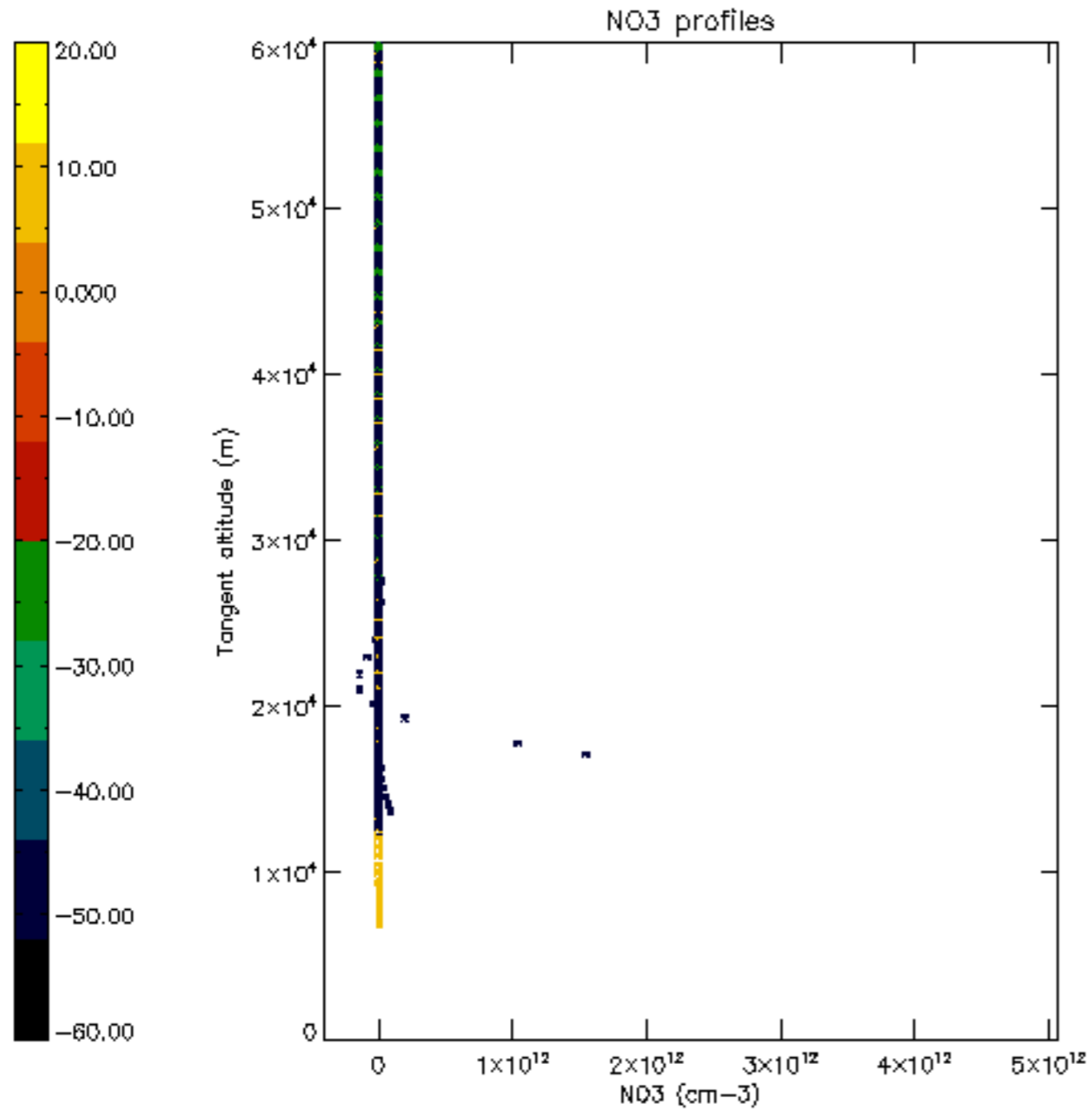




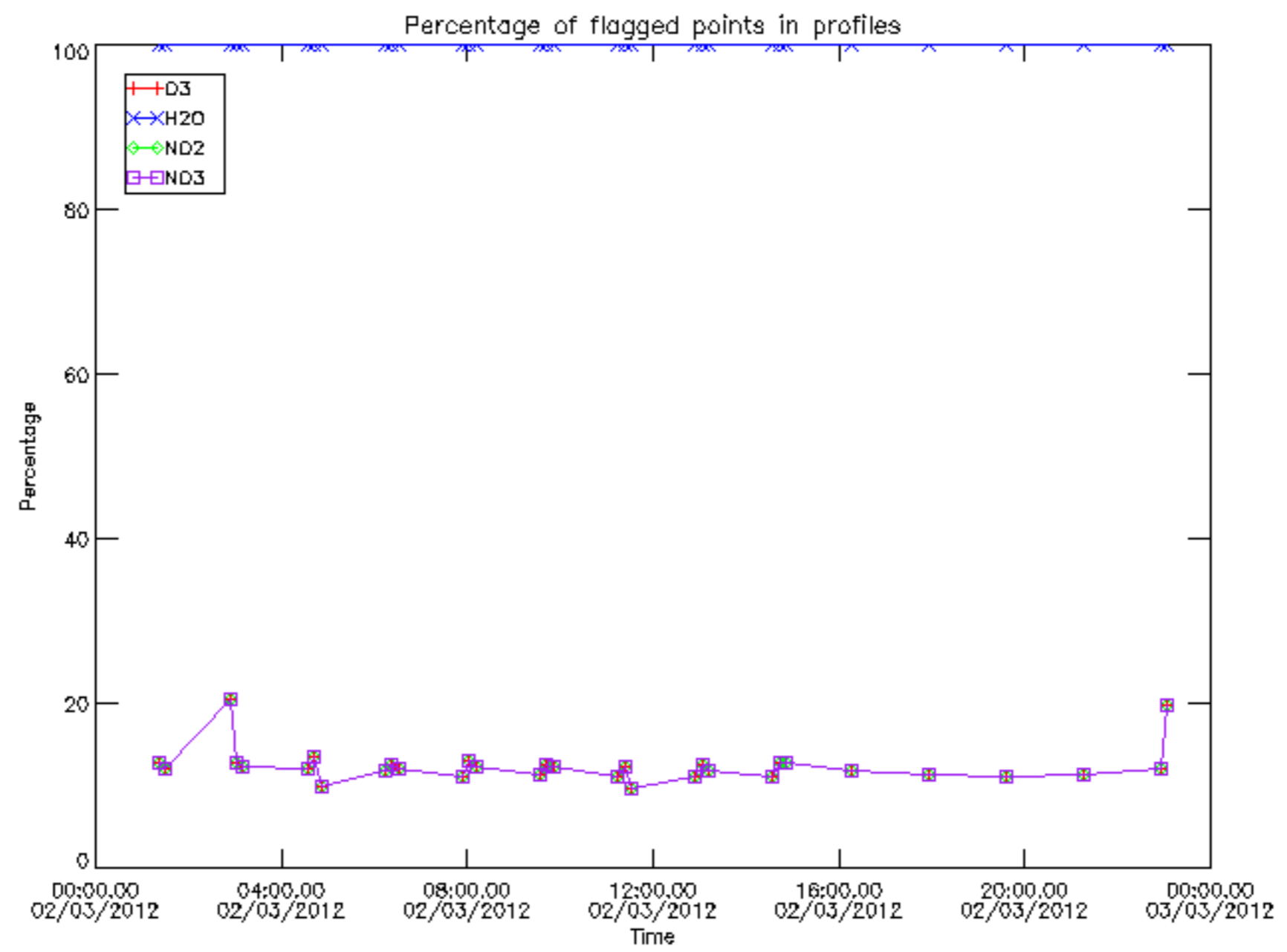




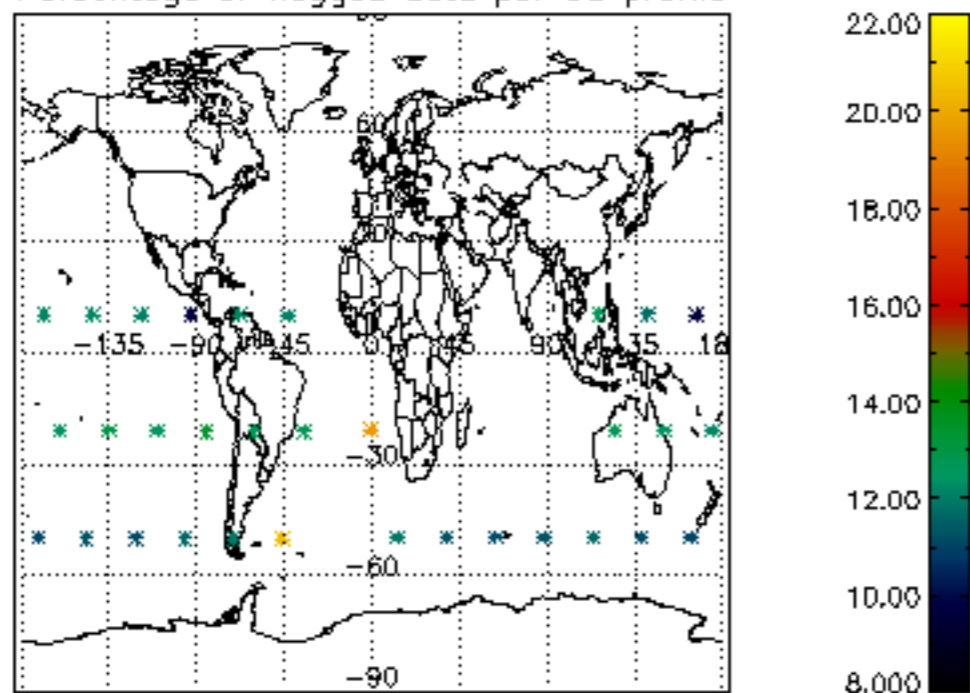




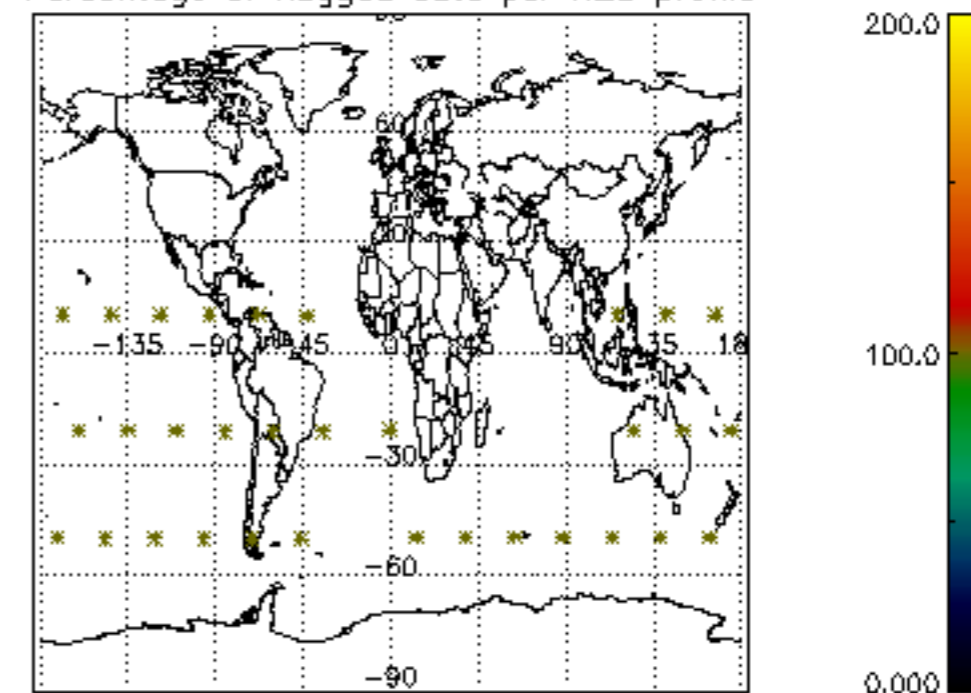




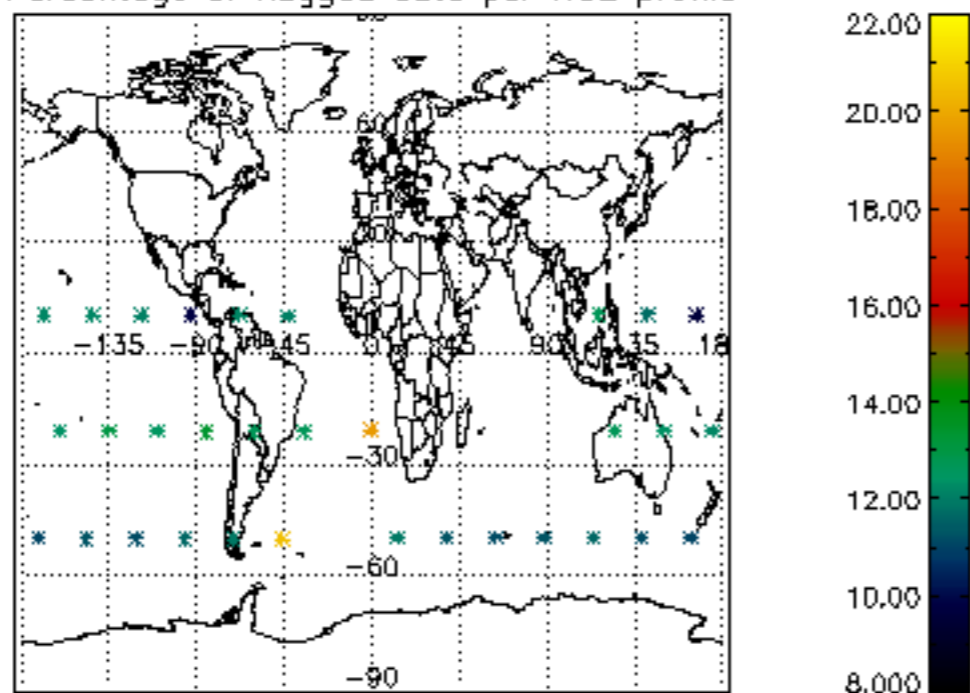
Percentage of flagged data per D3 profile



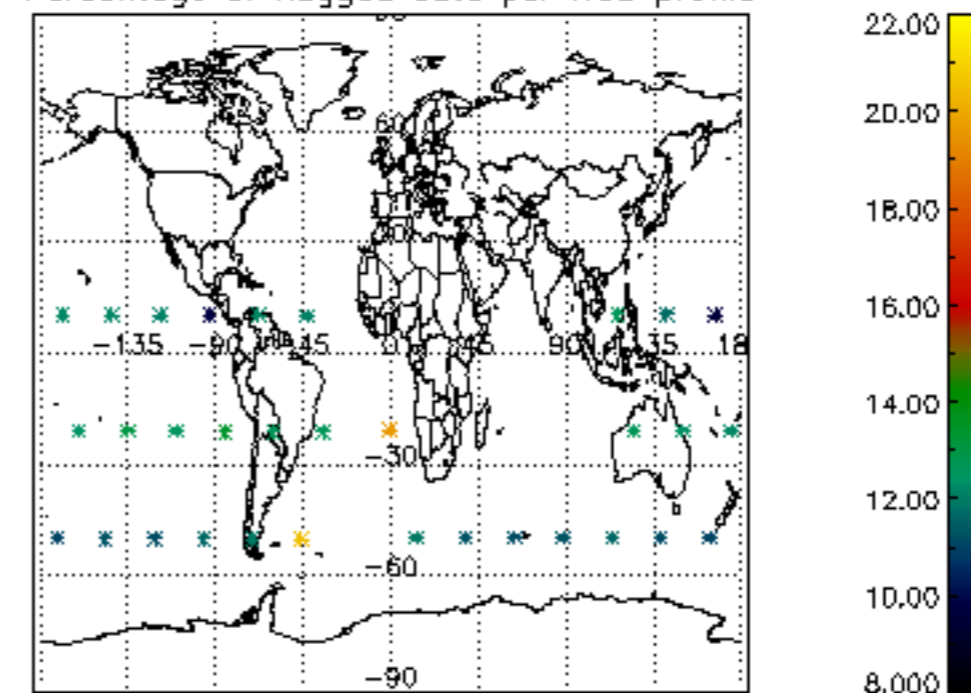
Percentage of flagged data per H2O profile

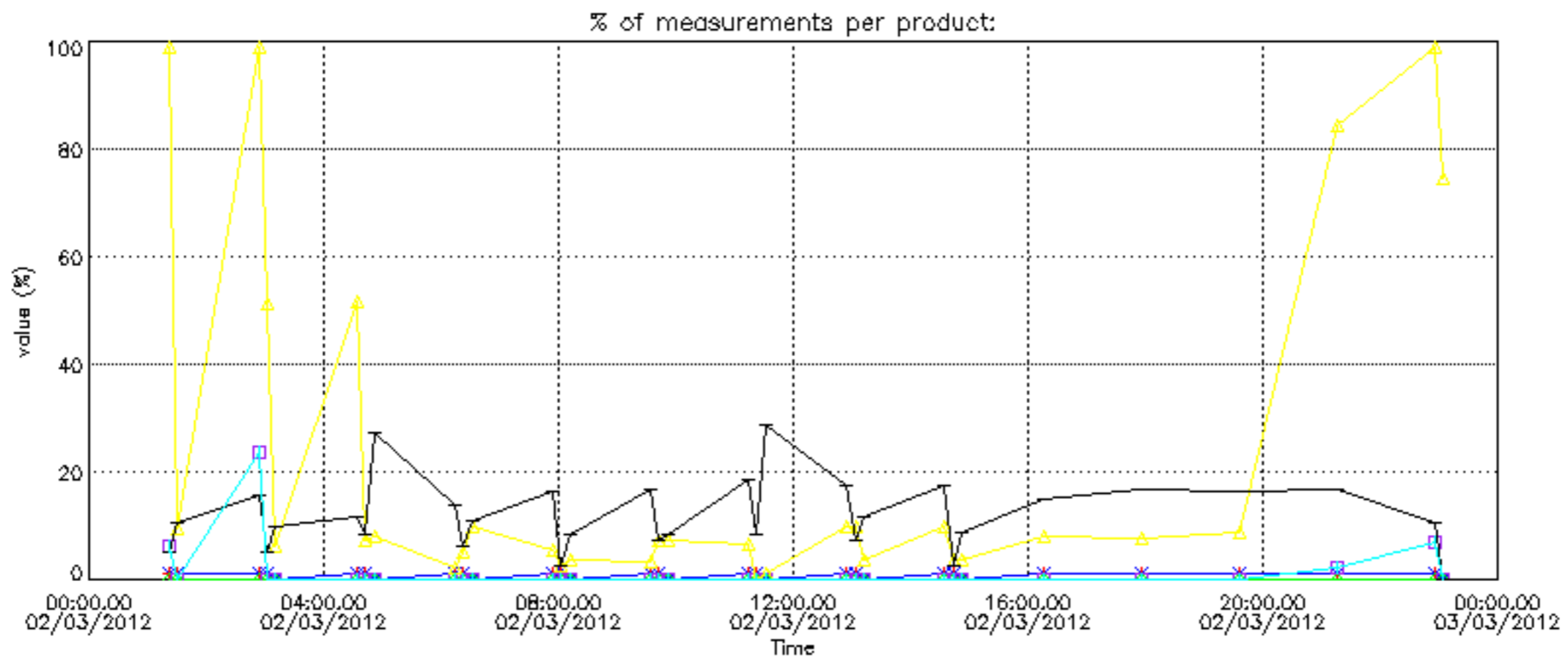


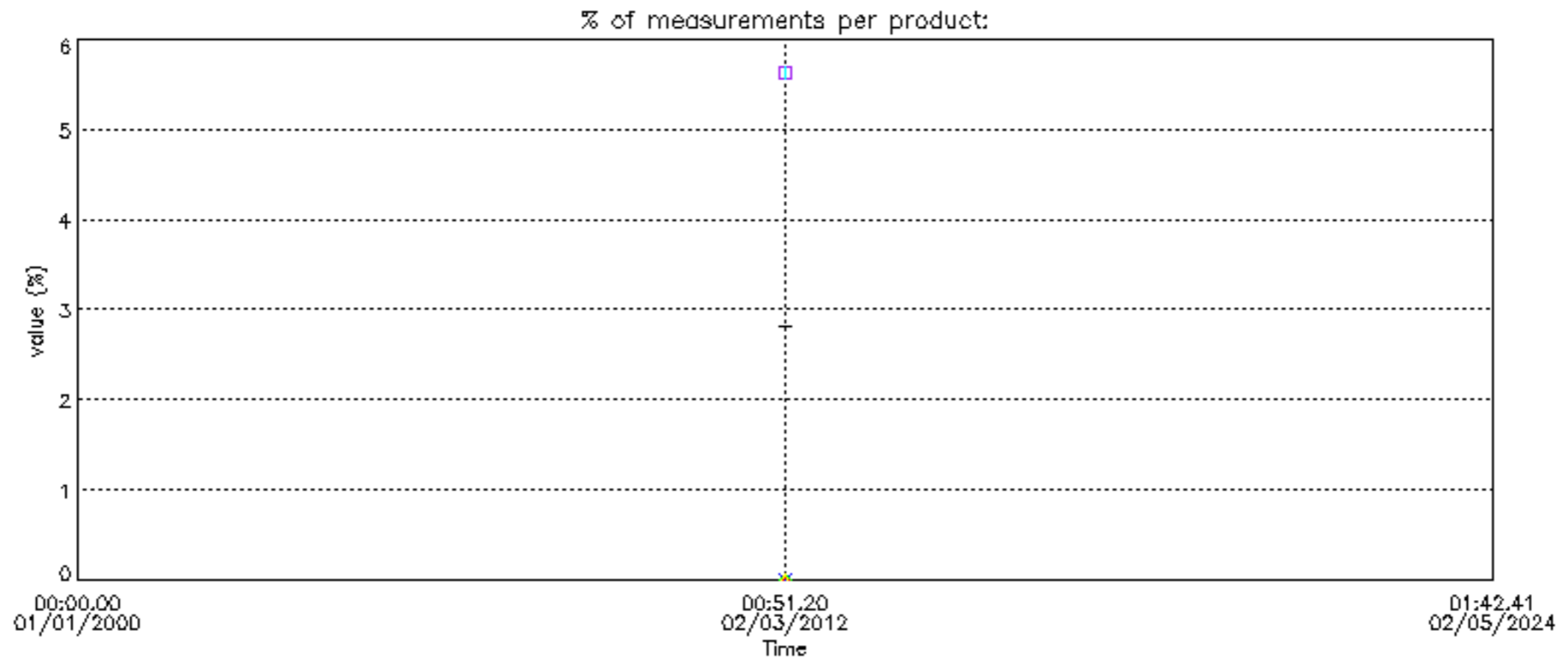
Percentage of flagged data per NO2 profile



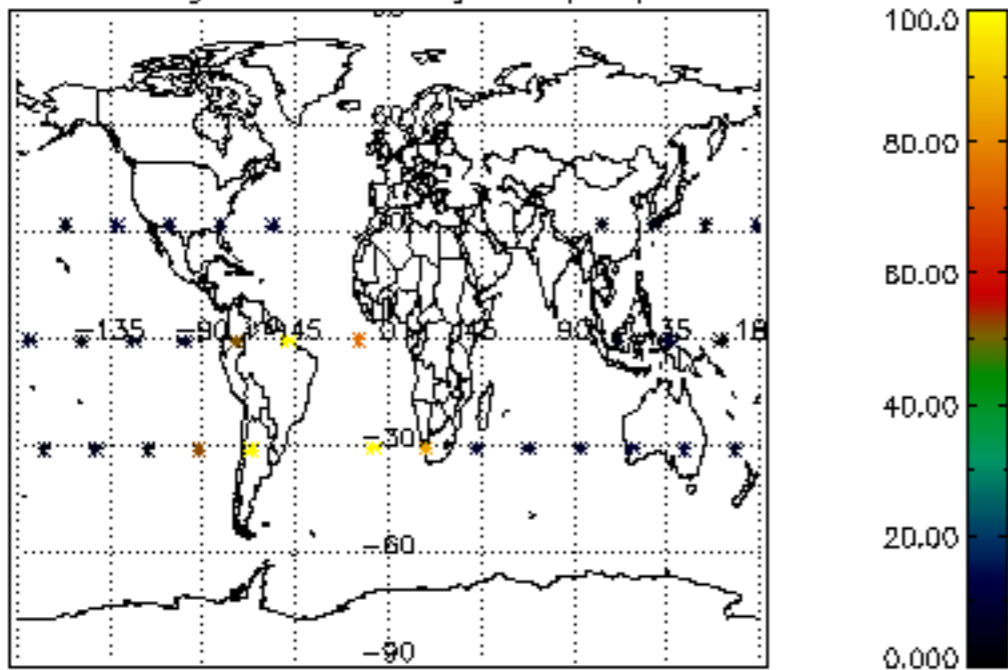
Percentage of flagged data per NO3 profile



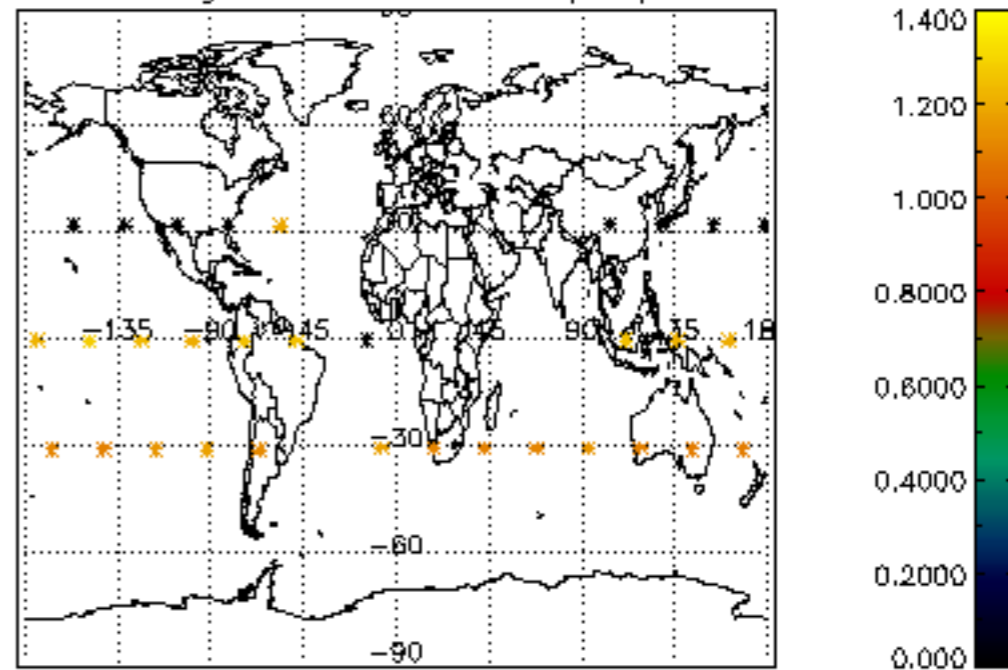




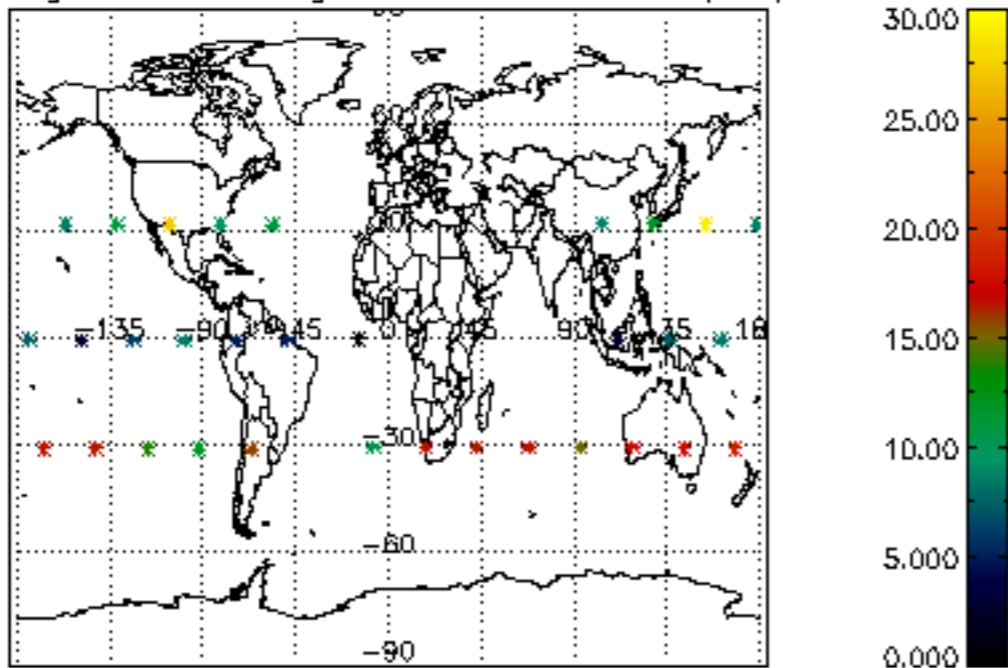
Percentage of cosmic ray hits per profile



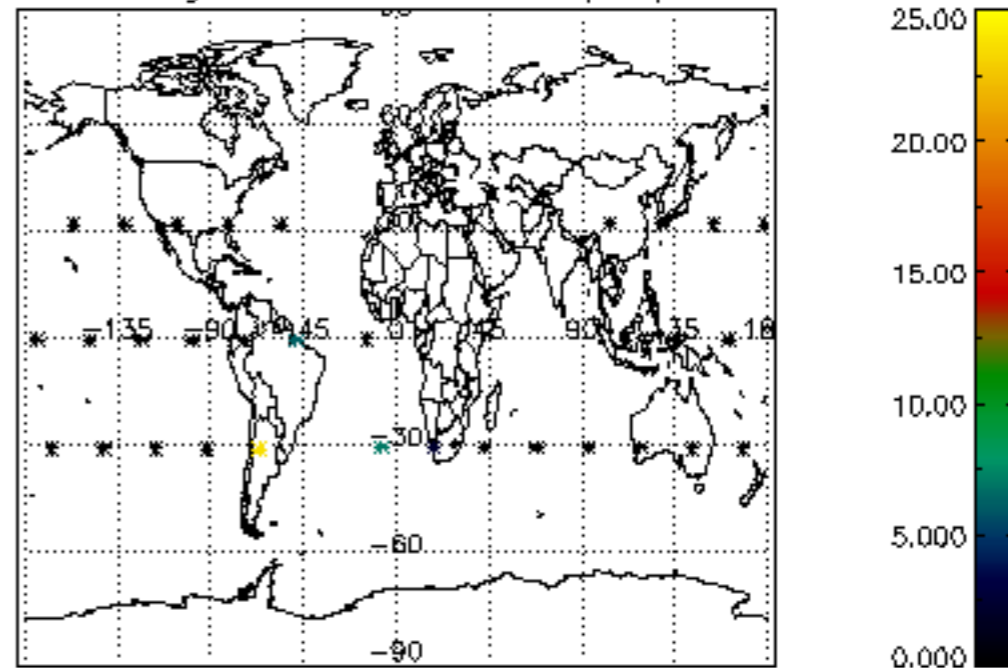
Percentage of datation errors per profile



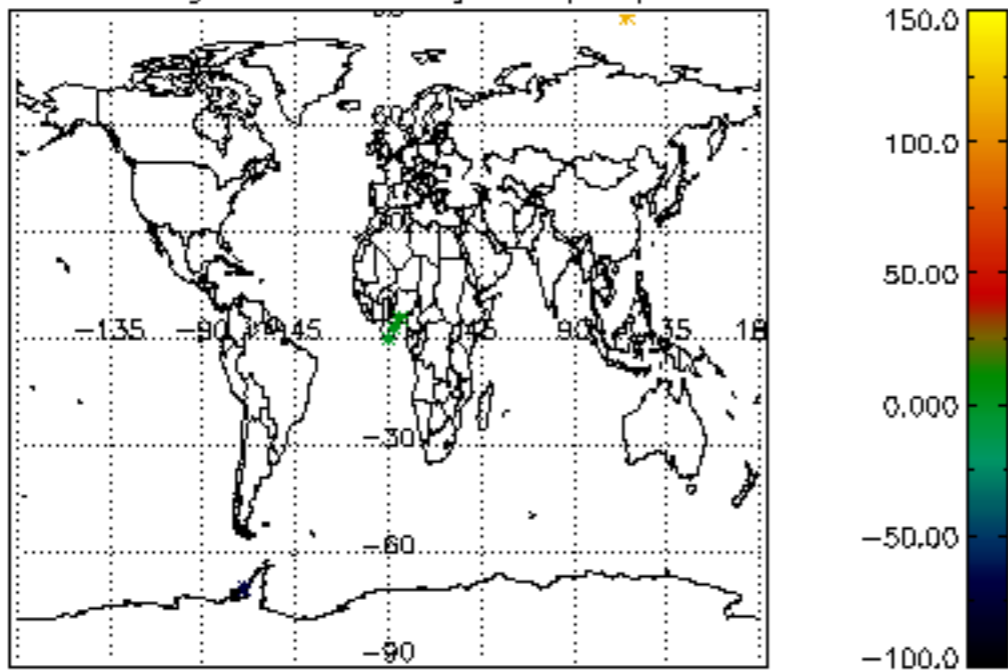
Percentage of star falling outside central band per profile



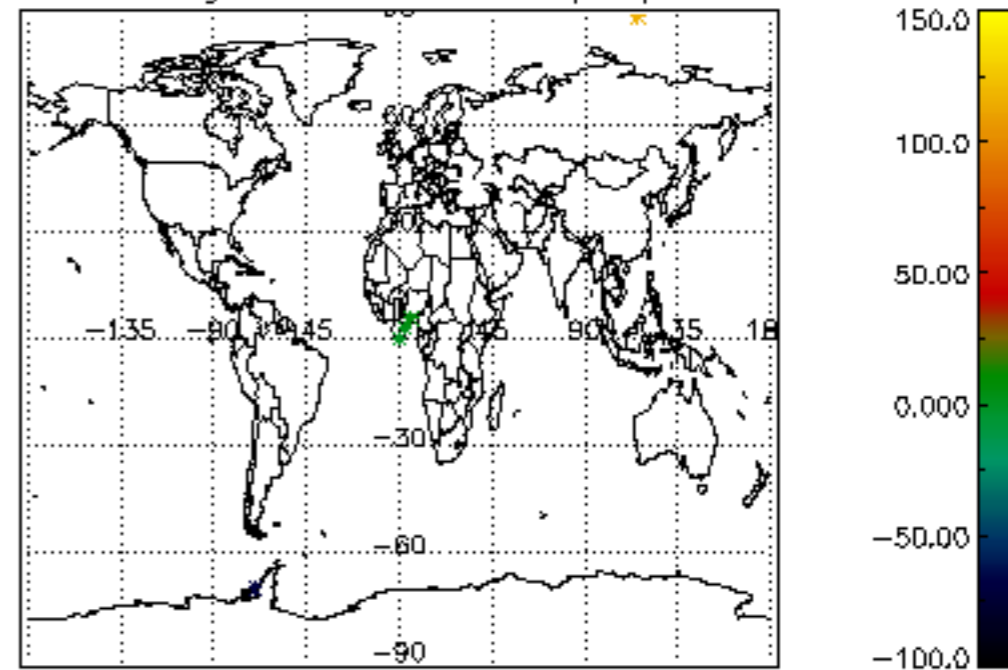
Percentage of saturation errors per profile



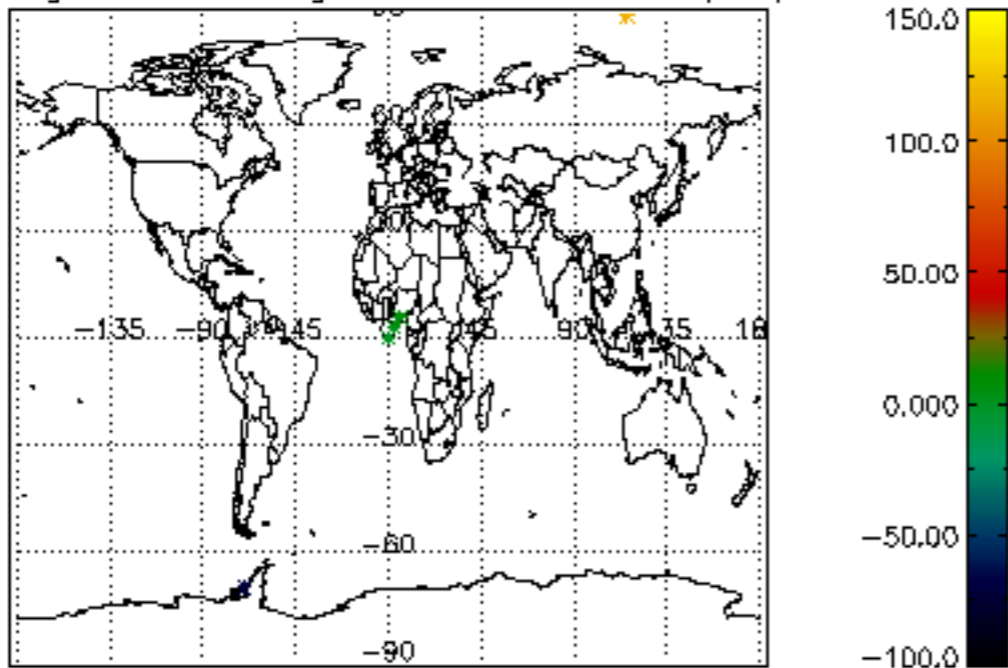
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

