

# 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	19APR2013 09:13:21
Data source version	GOMOS/6.01
Start time of products	10-02-2003 (10FEB2003 00:00:00)
Stop time of products	11-02-2003 (11FEB2003 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__2PRFIN20030210_000053_000000362013_00388_04951_5318.N1	10-FEB-2003 00:00:53	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	4951	No
2	GOM_NL__2PRFIN20030210_000313_000000352013_00388_04951_5319.N1	10-FEB-2003 00:03:13	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4951	No
3	GOM_NL__2PRFIN20030210_000617_000000512013_00388_04951_5320.N1	10-FEB-2003 00:06:17	Bright	51.000	133	40Zet Her	2.8070	6000.0	102	4951	No
4	GOM_NL__2PRFIN20030210_000942_000000902013_00388_04951_5321.N1	10-FEB-2003 00:09:42	Bright	89.500	67	5Alp CrB	2.2210	11000.	179	4951	No
5	GOM_NL__2PRFIN20030210_001235_000002452013_00388_04951_5322.N1	10-FEB-2003 00:12:35	Twilight	244.50	83		2.3780	11000.	489	4951	No
6	GOM_NL__2PRFIN20030210_002101_000000462013_00388_04951_5323.N1	10-FEB-2003 00:21:01	Dark	45.500	86	35Eta Oph	2.4300	10200.	91	4951	No
7	GOM_NL__2PRFIN20030210_002239_000000412013_00388_04951_5324.N1	10-FEB-2003 00:22:39	Twilight	41.000	116	19Del Sgr	2.7000	4100.0	82	4951	No
8	GOM_NL__2PRFIN20030210_002348_000000402013_00388_04951_5325.N1	10-FEB-2003 00:23:48	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	4951	No
9	GOM_NL__2PRFIN20030210_002546_000000532013_00388_04951_5326.N1	10-FEB-2003 00:25:46	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	4951	No
10	GOM_NL__2PRFIN20030210_003022_000000392013_00388_04951_5327.N1	10-FEB-2003 00:30:22	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	4951	No
11	GOM_NL__2PRFIN20030210_003839_000000442013_00389_04952_5298.N1	10-FEB-2003 00:38:39	Dark	43.500	77	Eps Cen	2.3030	28000.	87	4952	No
12	GOM_NL__2PRFIN20030210_004045_000000452013_00389_04952_5299.N1	10-FEB-2003 00:40:45	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	4952	No
13	GOM_NL__2PRFIN20030210_004338_000000442013_00389_04952_5300.N1	10-FEB-2003 00:43:38	Dark	43.500	29	Bet Car	1.6720	10200.	87	4952	No
14	GOM_NL__2PRFIN20030210_004609_000000422013_00389_04952_5301.N1	10-FEB-2003 00:46:09	Dark	42.000	71	lot Car	2.2460	7700.0	84	4952	No
15	GOM_NL__2PRFIN20030210_004751_000000432013_00389_04952_5302.N1	10-FEB-2003 00:47:51	Dark	42.500	46	Del Vel	1.9540	10600.	85	4952	No
16	GOM_NL__2PRFIN20030210_005016_000000392013_00389_04952_5303.N1	10-FEB-2003 00:50:16	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	4952	No
17	GOM_NL__2PRFIN20030210_005234_000001002013_00389_04952_5304.N1	10-FEB-2003 00:52:34	Straylight	100.00	171	2Eps Crv	3.0010	4250.0	200	4952	No
18	GOM_NL__2PRFIN20030210_005657_000002122013_00389_04952_5305.N1	10-FEB-2003 00:56:57	Twilight	211.50	163	7Del Crv	2.9450	11000.	423	4952	No
19	GOM_NL__2PRFIN20030210_010509_000000522013_00389_04952_5306.N1	10-FEB-2003 01:05:09	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	4952	No
20	GOM_NL__2PRFIN20030210_010855_000000372013_00389_04952_5307.N1	10-FEB-2003 01:08:55	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	4952	No
21	GOM_NL__2PRFIN20030210_011133_000000402013_00389_04952_5308.N1	10-FEB-2003 01:11:33	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	4952	No
22	GOM_NL__2PRFIN20030210_011514_000000372013_00389_04952_5309.N1	10-FEB-2003 01:15:14	Bright	37.000	107	37The Aur	2.6490	11000.	74	4952	No
23	GOM_NL__2PRFIN20030210_011715_000000382013_00389_04952_5310.N1	10-FEB-2003 01:17:15	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4952	No
24	GOM_NL__2PRFIN20030210_012301_000000602013_00389_04952_5311.N1	10-FEB-2003 01:23:01	Bright	60.000	174	52Psi UMa	3.0040	4400.0	120	4952	No
25	GOM_NL__2PRFIN20030210_012512_000000472013_00389_04952_5312.N1	10-FEB-2003 01:25:12	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	4952	No
26	GOM_NL__2PRFIN20030210_012653_000000552013_00389_04952_5313.N1	10-FEB-2003 01:26:53	Bright	54.500	87	64Gam UMa	2.4330	11000.	109	4952	No
27	GOM_NL__2PRFIN20030210_012858_000000382013_00389_04952_5314.N1	10-FEB-2003 01:28:58	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	4952	No
28	GOM_NL__2PRFIN20030210_013128_000000382013_00389_04952_5315.N1	10-FEB-2003 01:31:28	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	4952	No
29	GOM_NL__2PRFIN20030210_013537_000000362013_00389_04952_5316.N1	10-FEB-2003 01:35:37	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	4952	No
30	GOM_NL__2PRFIN20030210_013949_000000412013_00389_04952_5317.N1	10-FEB-2003 01:39:49	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	4952	No
31	GOM_NL__2PRFIN20030210_014129_000000352013_00389_04952_5318.N1	10-FEB-2003 01:41:29	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	4952	No
32	GOM_NL__2PRFIN20030210_014349_000000362013_00389_04952_5319.N1	10-FEB-2003 01:43:49	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4952	No
33	GOM_NL__2PRFIN20030210_014652_000000522013_00389_04952_5320.N1	10-FEB-2003 01:46:52	Bright	51.500	133	40Zet Her	2.8070	6000.0	103	4952	No
34	GOM_NL__2PRFIN20030210_015019_000000842013_00389_04952_5321.N1	10-FEB-2003 01:50:19	Bright	84.000	67	5Alp CrB	2.2210	11000.	168	4952	No
35	GOM_NL__2PRFIN20030210_015313_000002552013_00389_04952_5322.N1	10-FEB-2003 01:53:13	Twilight	255.00	83		2.3780	11000.	510	4952	No
36	GOM_NL__2PRFIN20030210_020315_000000412013_00389_04952_5323.N1	10-FEB-2003 02:03:15	Twilight	40.500	116	19Del Sgr	2.7000	4100.0	81	4952	No
37	GOM_NL__2PRFIN20030210_020425_000000422013_00389_04952_5324.N1	10-FEB-2003 02:04:25	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	4952	No
38	GOM_NL__2PRFIN20030210_020622_000000562013_00389_04952_5325.N1	10-FEB-2003 02:06:22	Dark	55.500	16	21Alp Sco	1.0200	3000.0	111	4952	No
39	GOM_NL__2PRFIN20030210_020814_000000512013_00389_04952_5326.N1	10-FEB-2003 02:08:14	Dark	50.500	158	6Pi Sco	2.9060	28000.	101	4952	No
40	GOM_NL__2PRFIN20030210_021058_000000422013_00389_04952_5327.N1	10-FEB-2003 02:10:58	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	4952	No
41	GOM_NL__2PRFIN20030210_021915_000000462013_00390_04953_5298.N1	10-FEB-2003 02:19:15	Dark	45.500	77	Eps Cen	2.3030	28000.	91	4953	No
42	GOM_NL__2PRFIN20030210_022121_000000452013_00390_04953_5299.N1	10-FEB-2003 02:21:21	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	4953	No













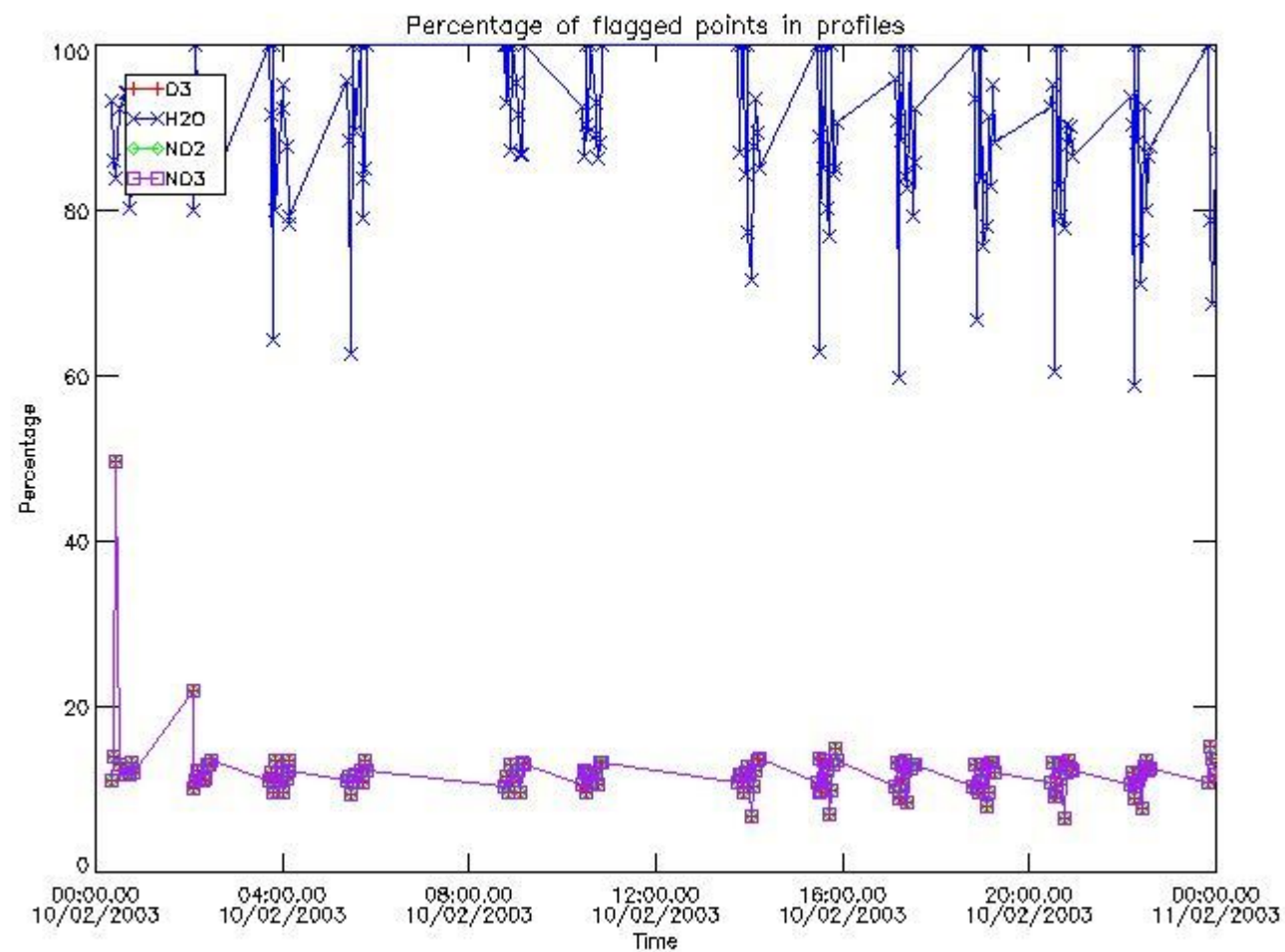


397	GOM_NL__2PRFIN20030210_231912_000000422013_00402_04965_5530.N1	10-FEB-2003 23:19:12	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4965	No
398	GOM_NL__2PRFIN20030210_232328_000000362013_00402_04965_5531.N1	10-FEB-2003 23:23:28	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	4965	No
399	GOM_NL__2PRFIN20030210_232736_000000402013_00402_04965_5532.N1	10-FEB-2003 23:27:36	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4965	No
400	GOM_NL__2PRFIN20030210_232918_000000342013_00402_04965_5533.N1	10-FEB-2003 23:29:18	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	4965	No
401	GOM_NL__2PRFIN20030210_233137_000000352013_00402_04965_5534.N1	10-FEB-2003 23:31:37	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4965	No
402	GOM_NL__2PRFIN20030210_233442_000000522013_00402_04965_5535.N1	10-FEB-2003 23:34:42	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	4965	No
403	GOM_NL__2PRFIN20030210_233814_000000882013_00402_04965_5536.N1	10-FEB-2003 23:38:14	Bright	88.000	67	5Alp CrB	2.2210	11000.	176	4965	No
404	GOM_NL__2PRFIN20030210_234130_000002552013_00402_04965_5537.N1	10-FEB-2003 23:41:30	Straylight	255.00	83		2.3780	11000.	510	4965	No
405	GOM_NL__2PRFIN20030210_234933_000000472013_00402_04965_5538.N1	10-FEB-2003 23:49:33	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	4965	No
406	GOM_NL__2PRFIN20030210_235216_000000412013_00402_04965_5539.N1	10-FEB-2003 23:52:16	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	4965	No
407	GOM_NL__2PRFIN20030210_235422_000000632013_00402_04965_5540.N1	10-FEB-2003 23:54:22	Dark	62.500	16	21Alp Sco	1.0200	3000.0	125	4965	No
408	GOM_NL__2PRFIN20030210_235850_000000482013_00402_04965_5541.N1	10-FEB-2003 23:58:50	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	4965	No

### 3. Quality information per product

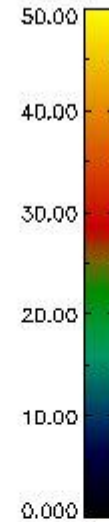
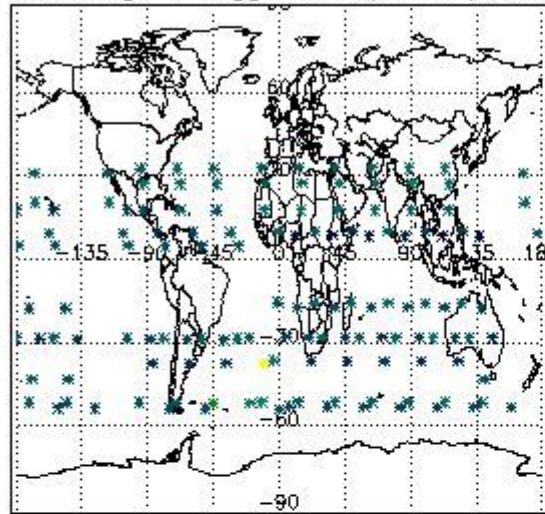
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

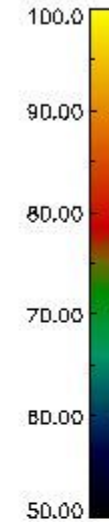
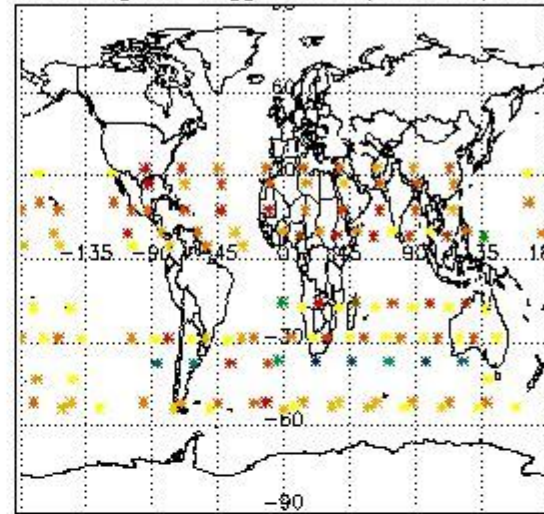


#### 3.2 Plot quality information per product (world map)

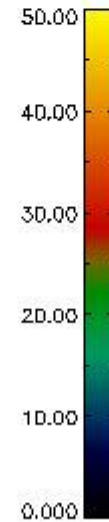
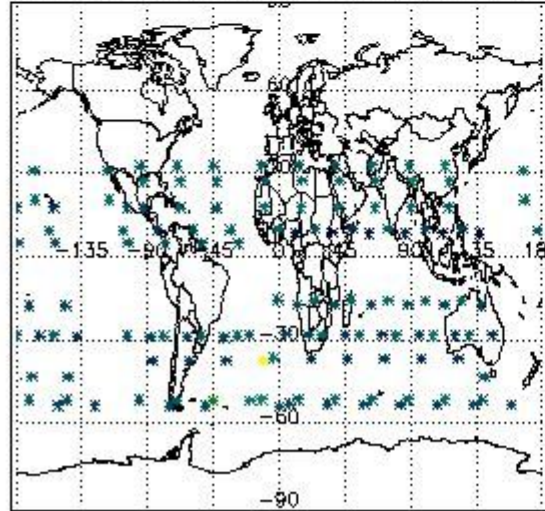
Percentage of flagged data per O3 profile



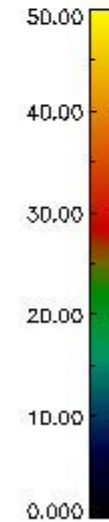
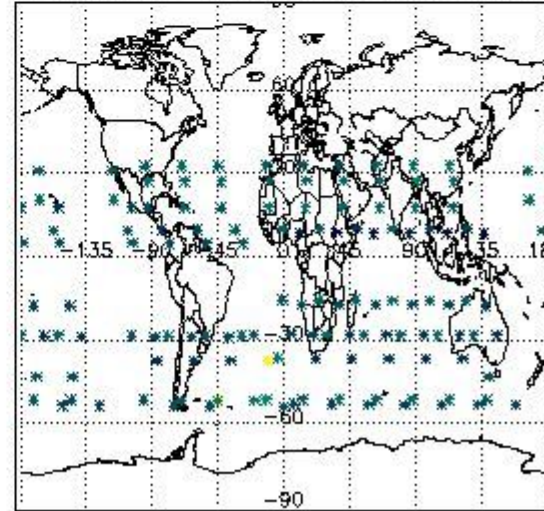
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

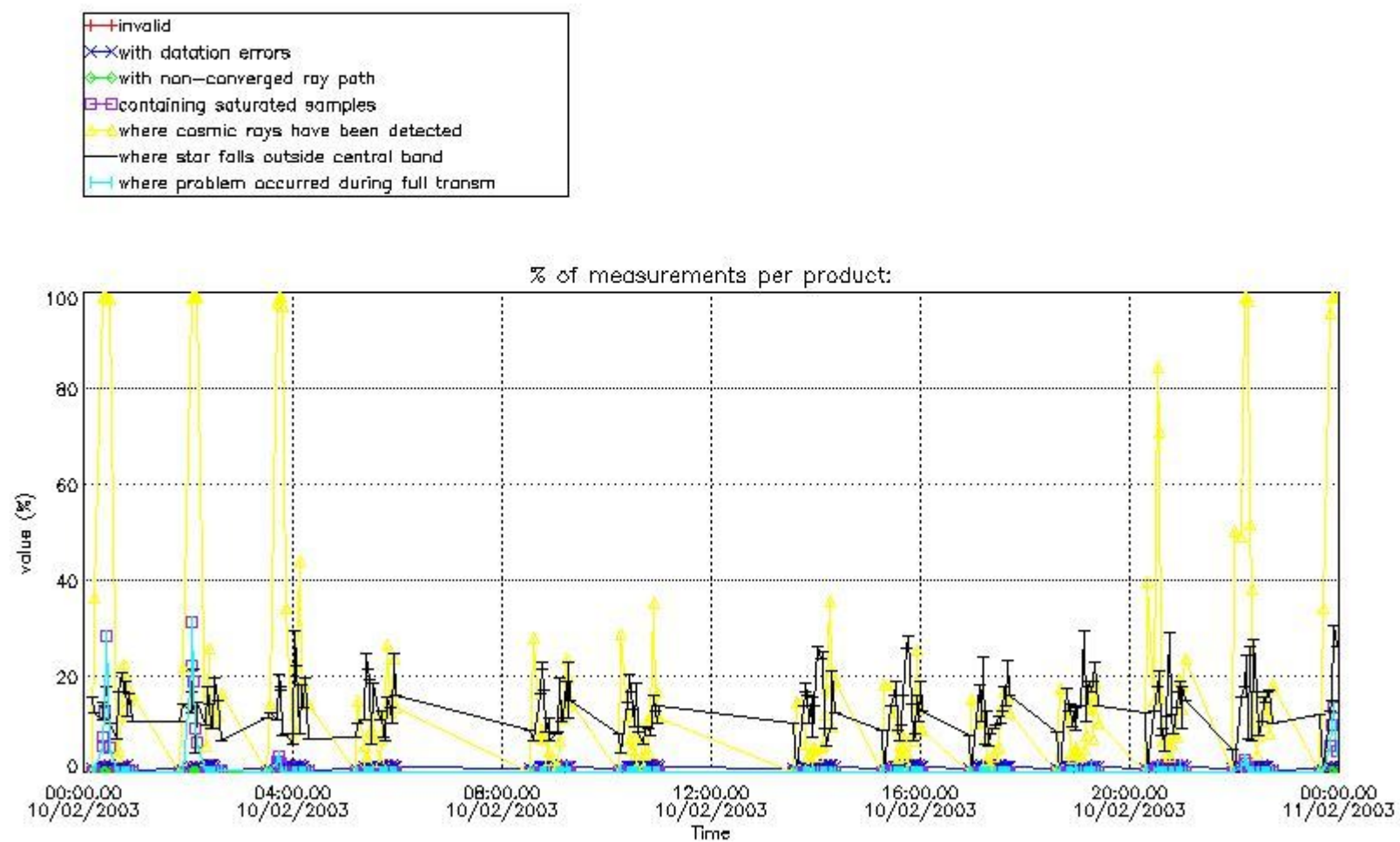


#### 4. Level 1 quality information per product

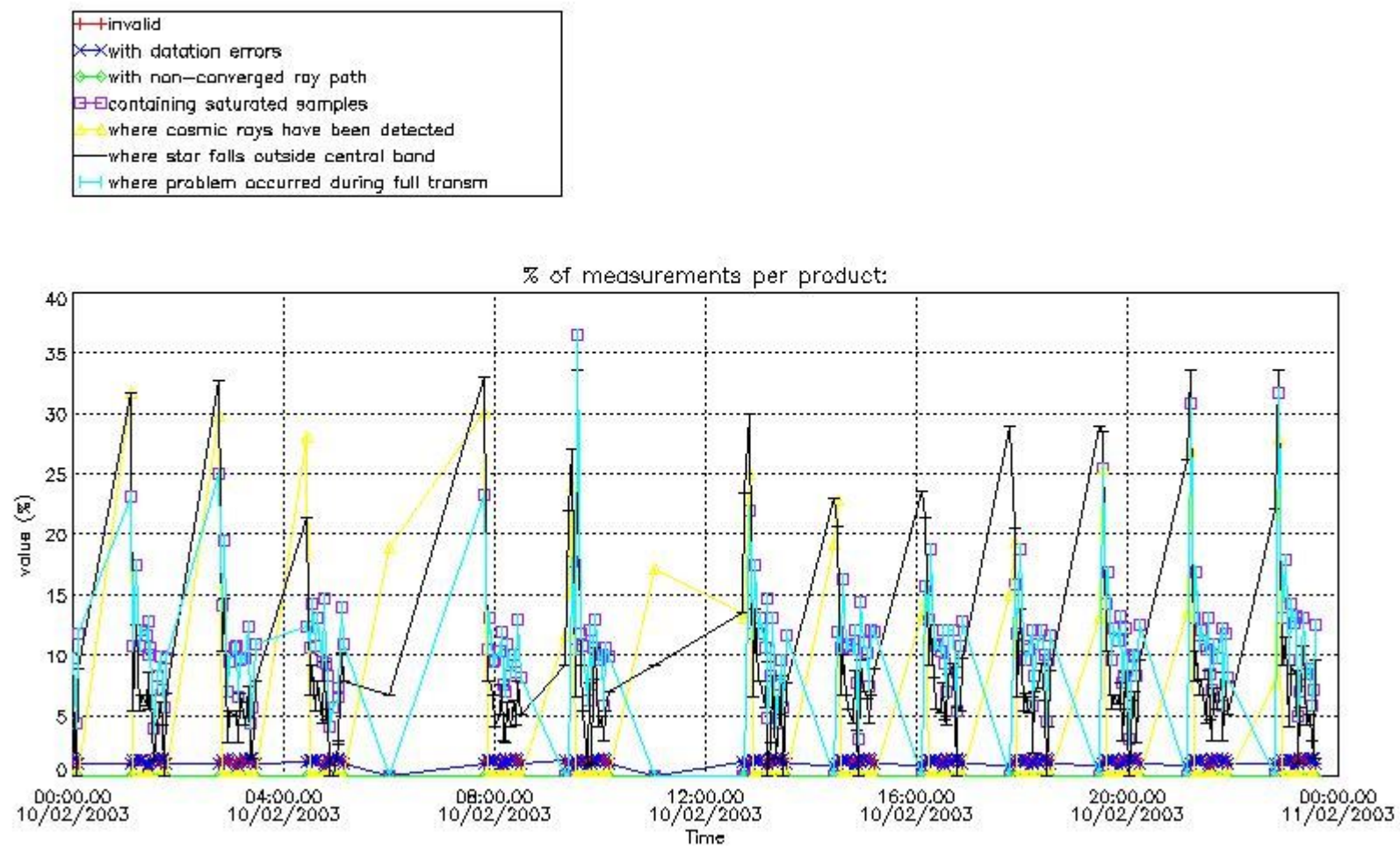
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



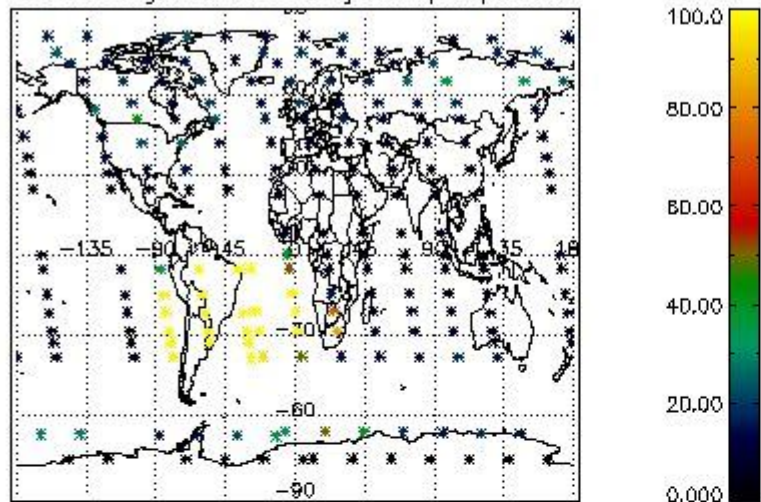
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



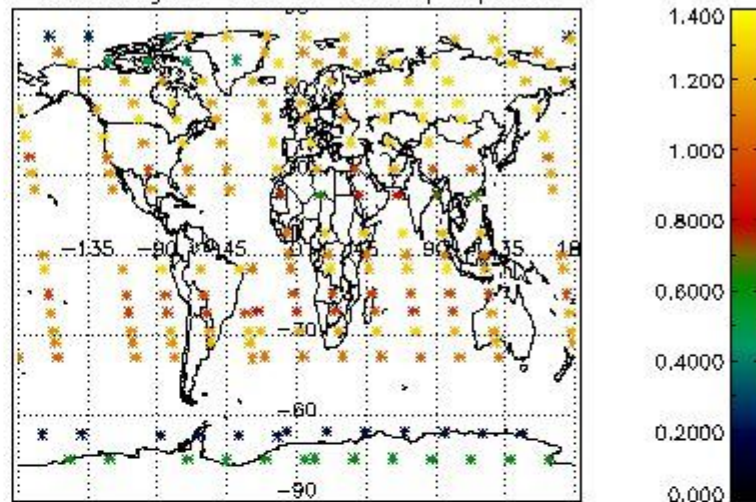
4.2 Plot quality information per product coming from level 1b processing (world map)

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

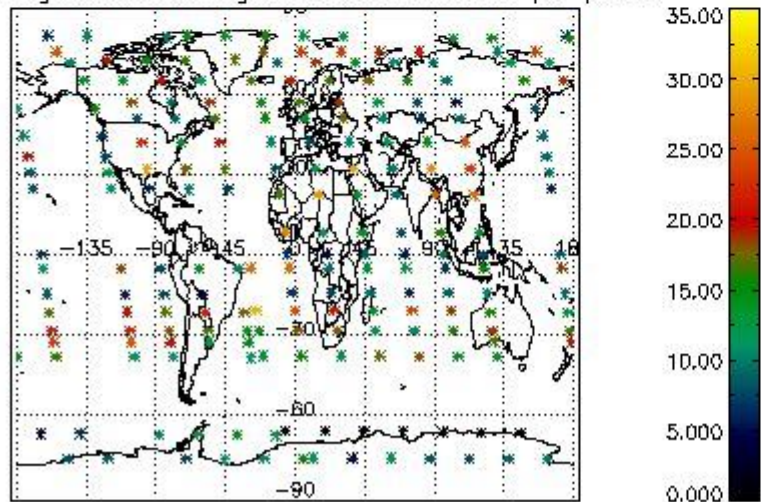
Percentage of cosmic ray hits per profile



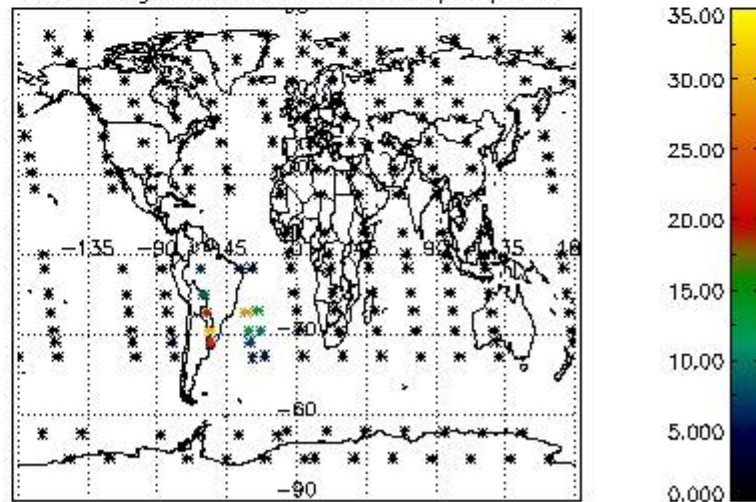
Percentage of datation errors per profile



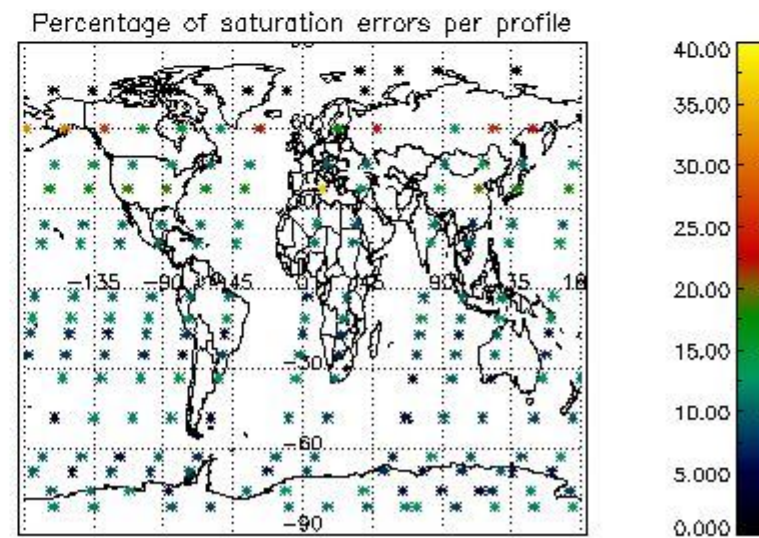
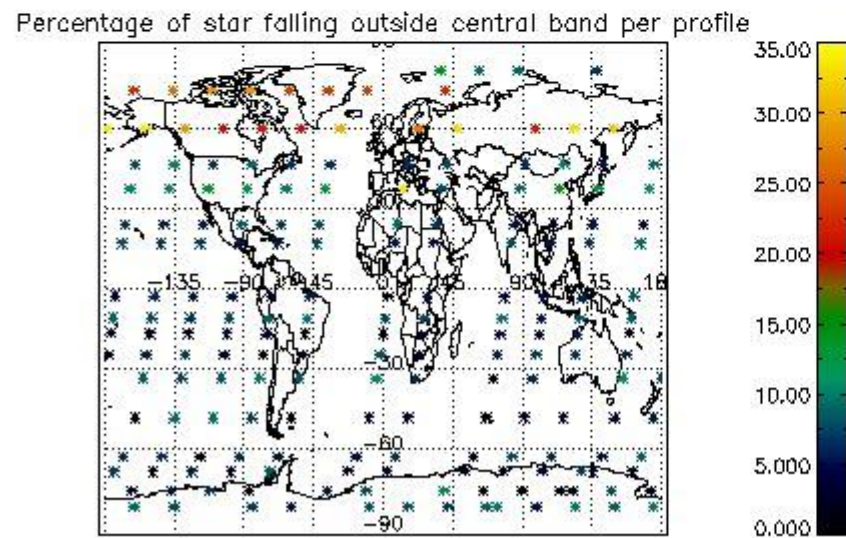
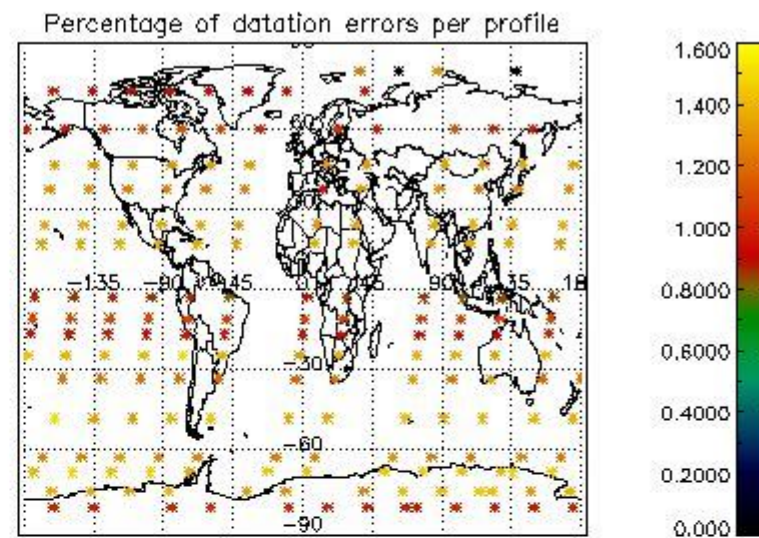
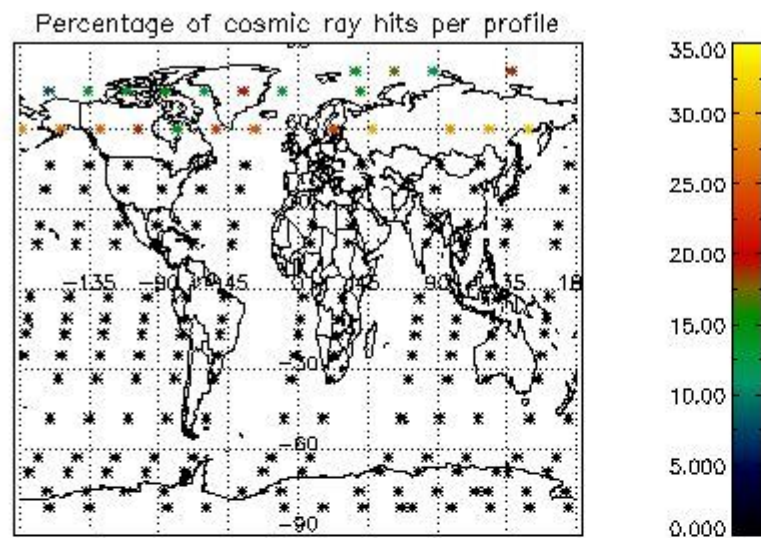
Percentage of star falling outside central band per profile



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

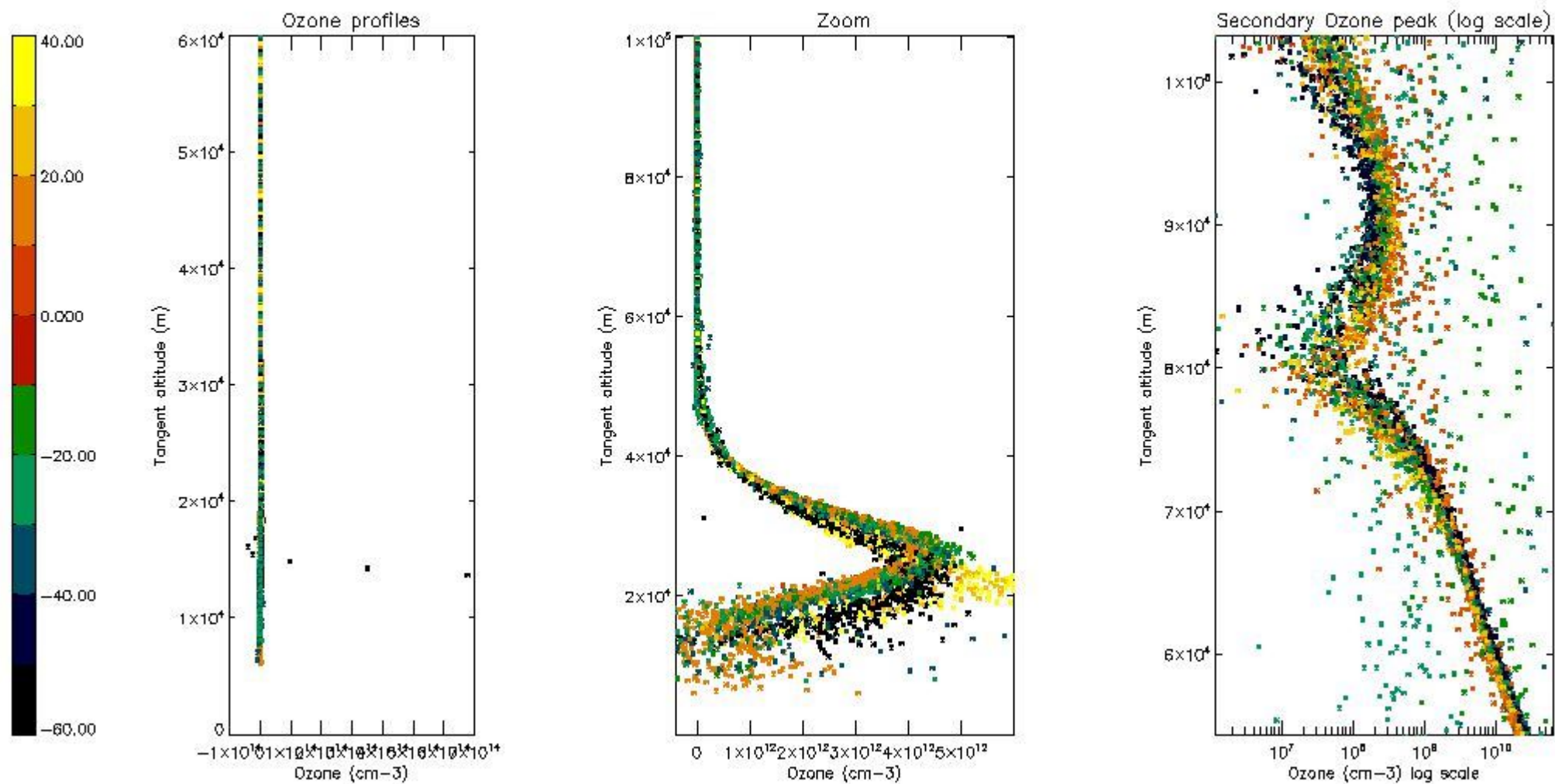
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	16

STD < 10	13
STD < 5	9

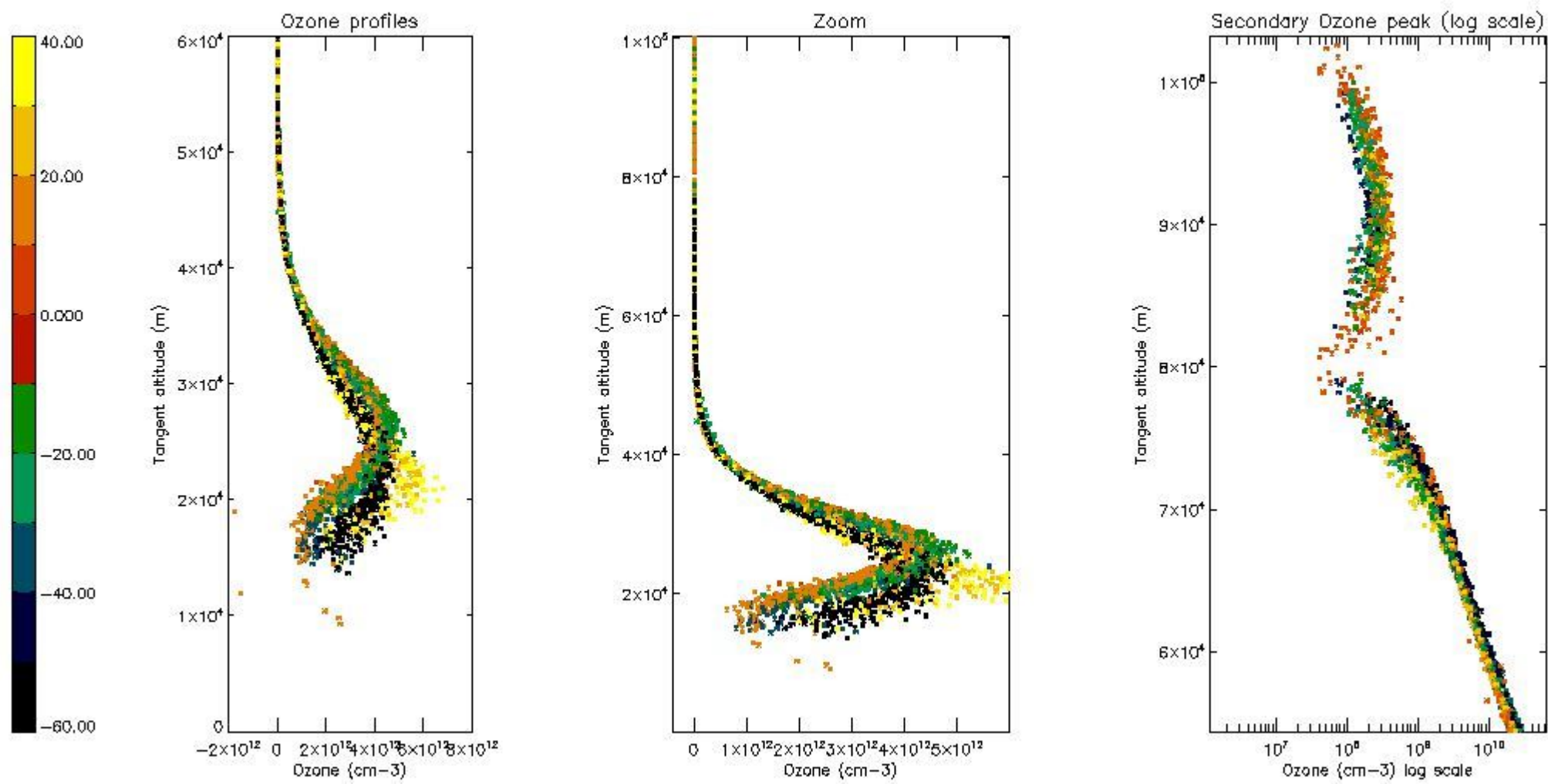
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

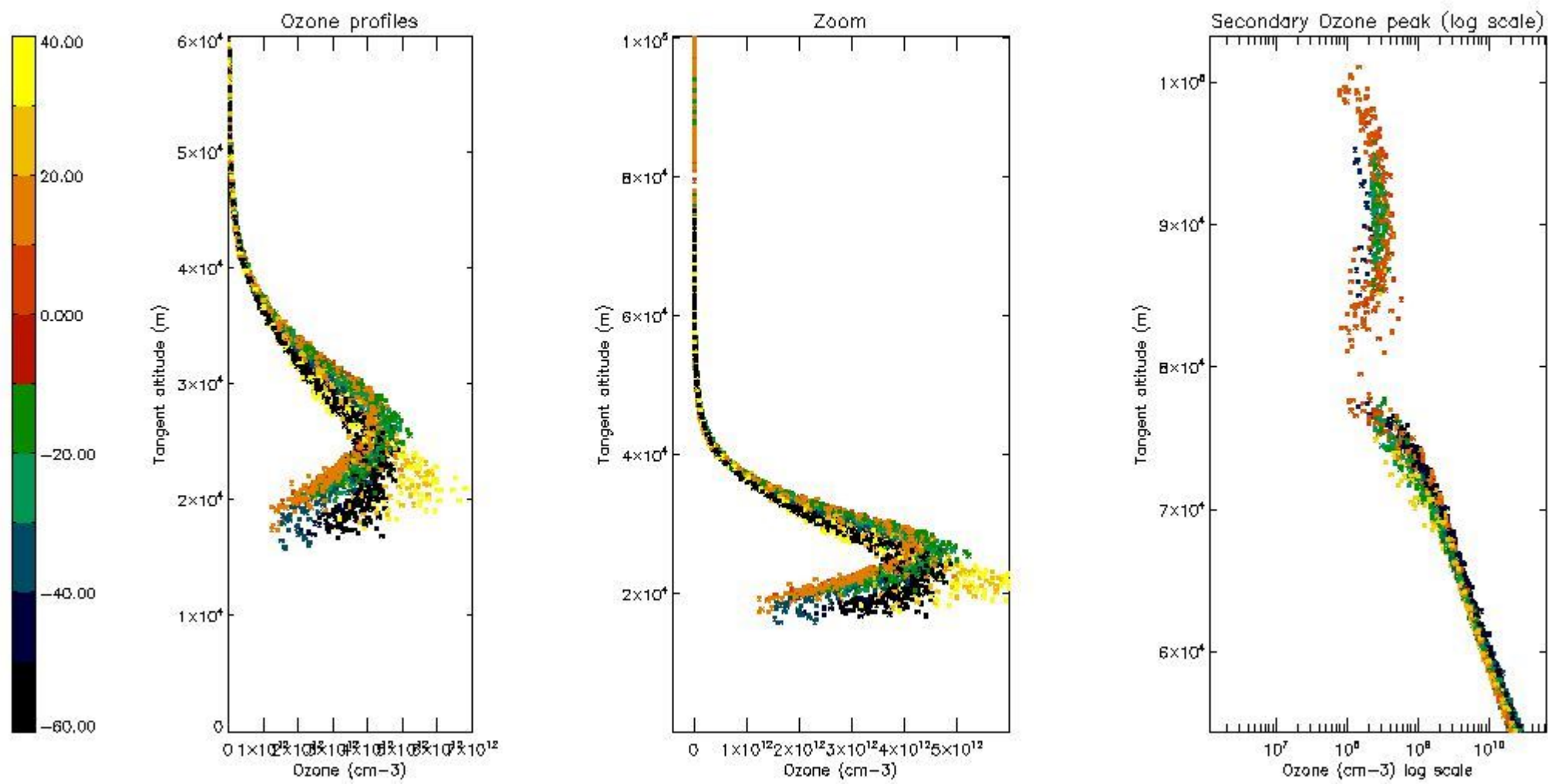
The colorbar represents the latitude.



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

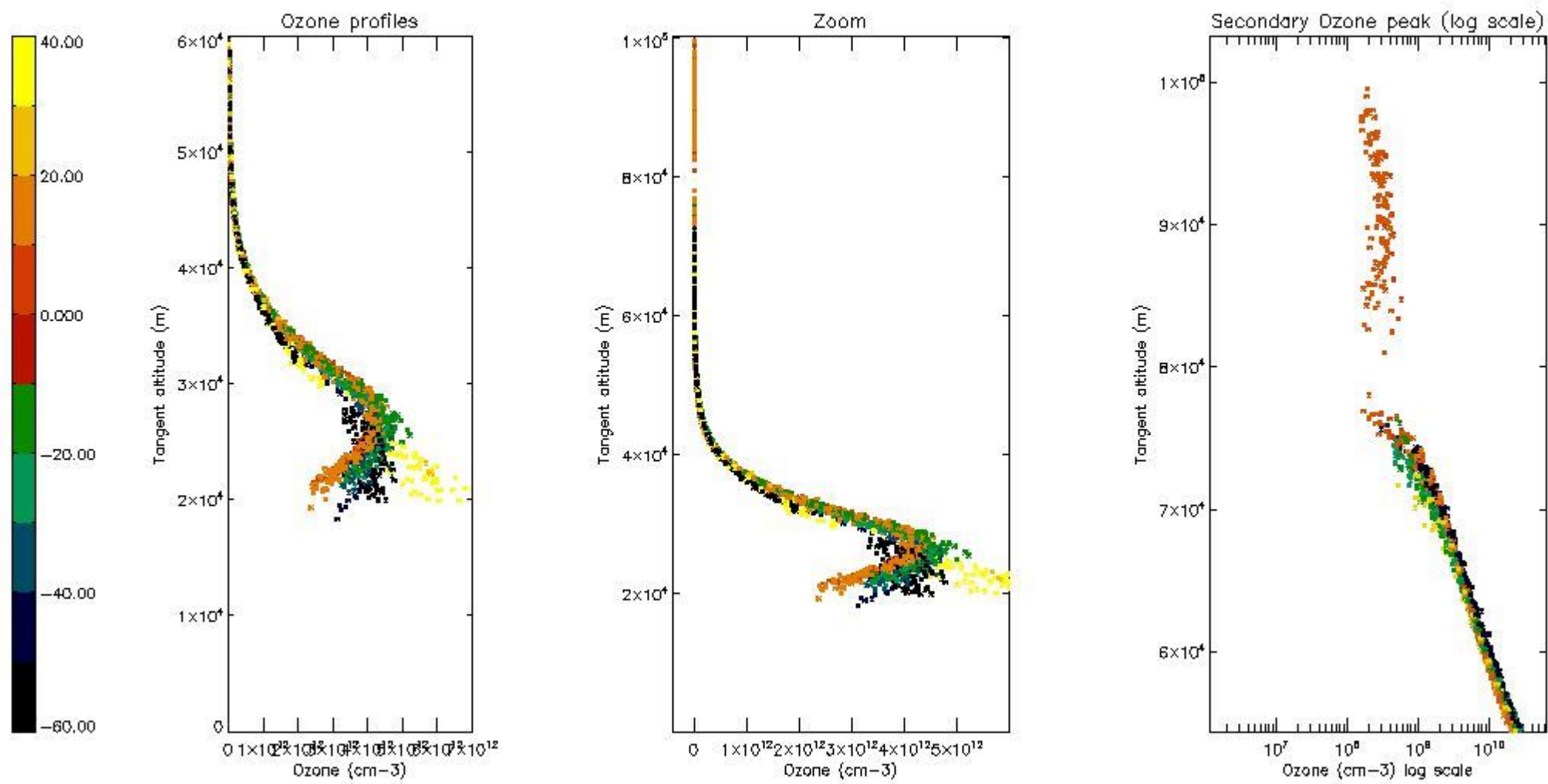
The colorbar represents the latitude.





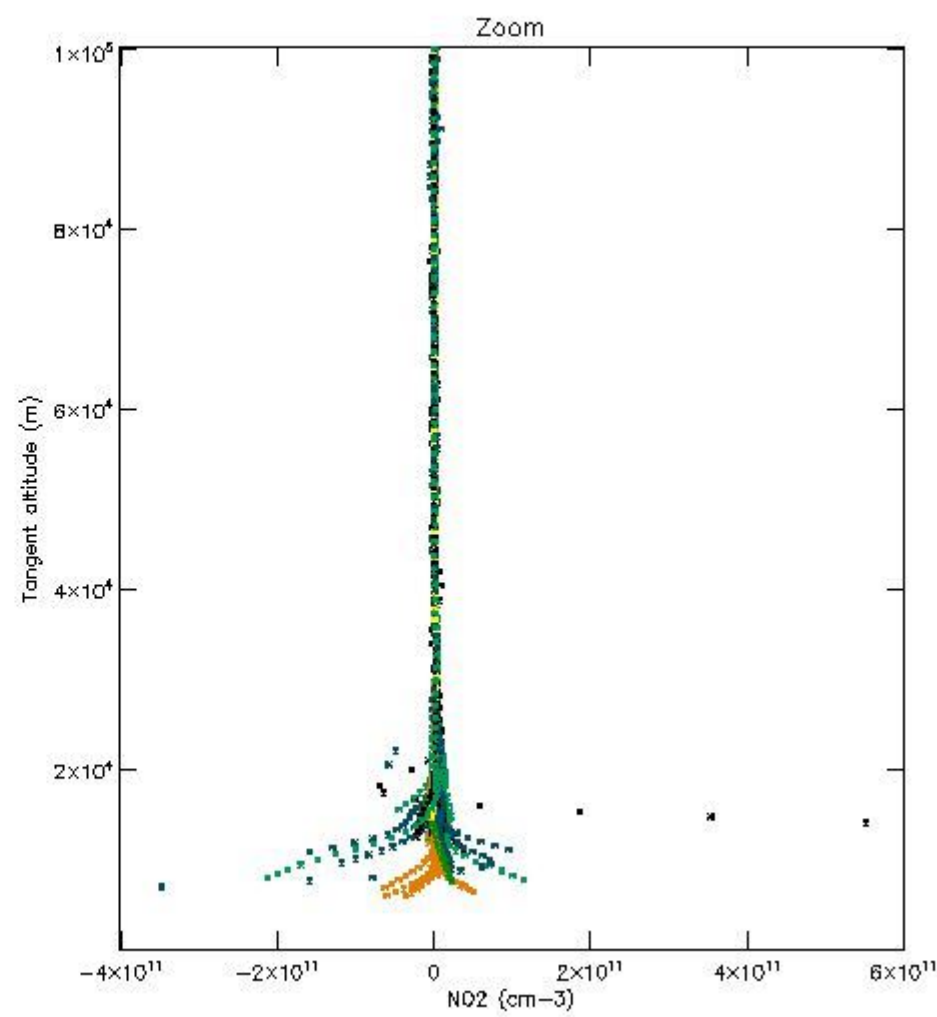
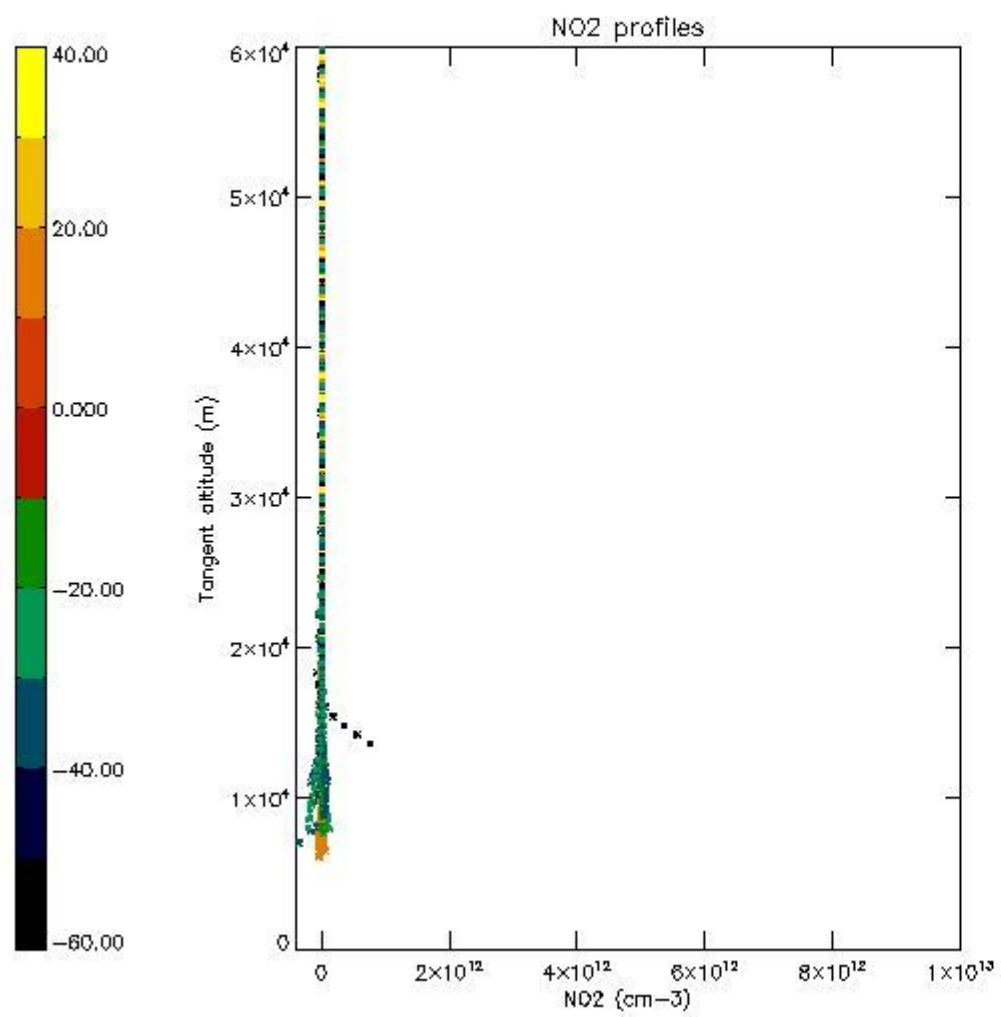
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



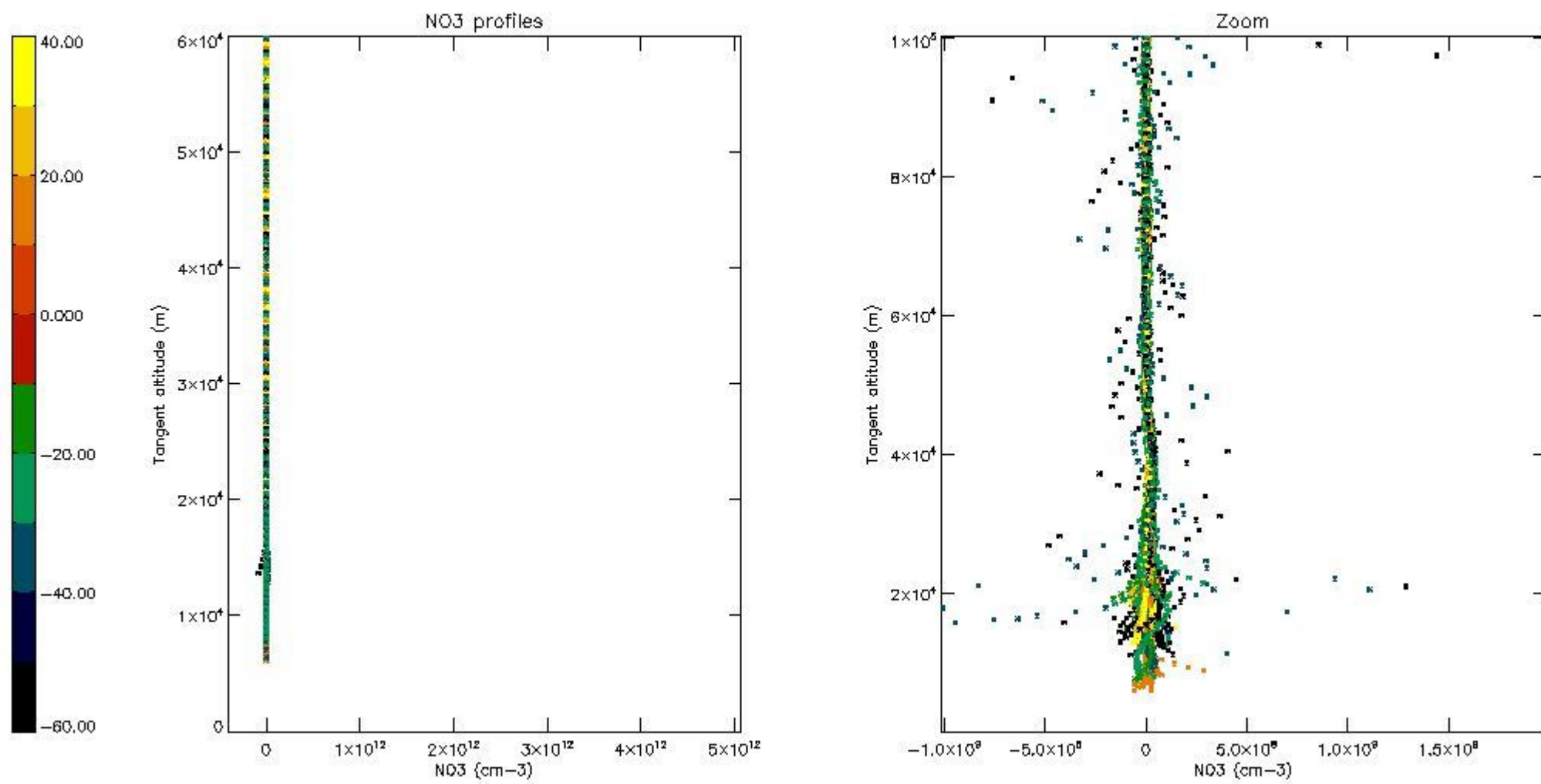
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



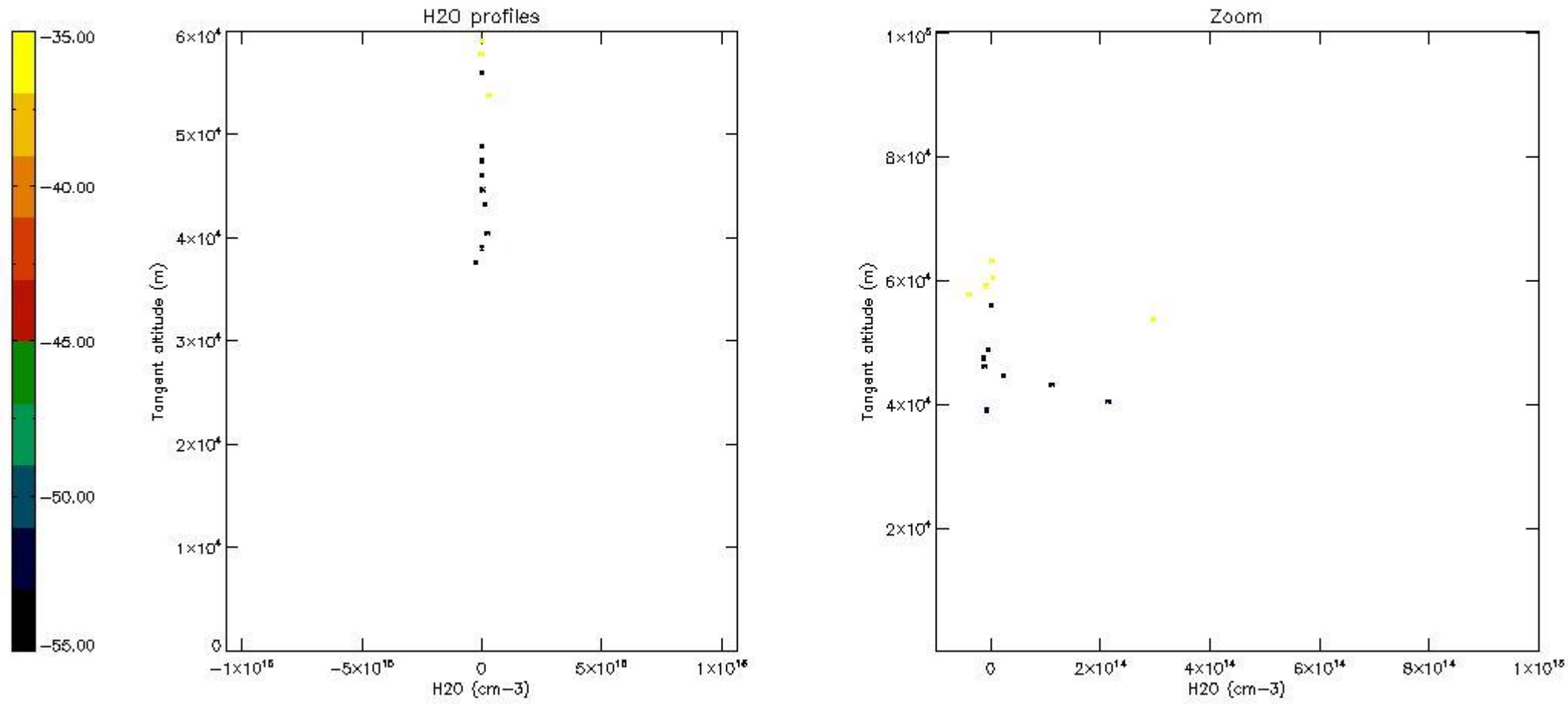
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	10-FEB-2003 00:00:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-FEB-2003 00:00:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-FEB-2003 00:00:53

# GOMOS Level 2 Daily Report

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















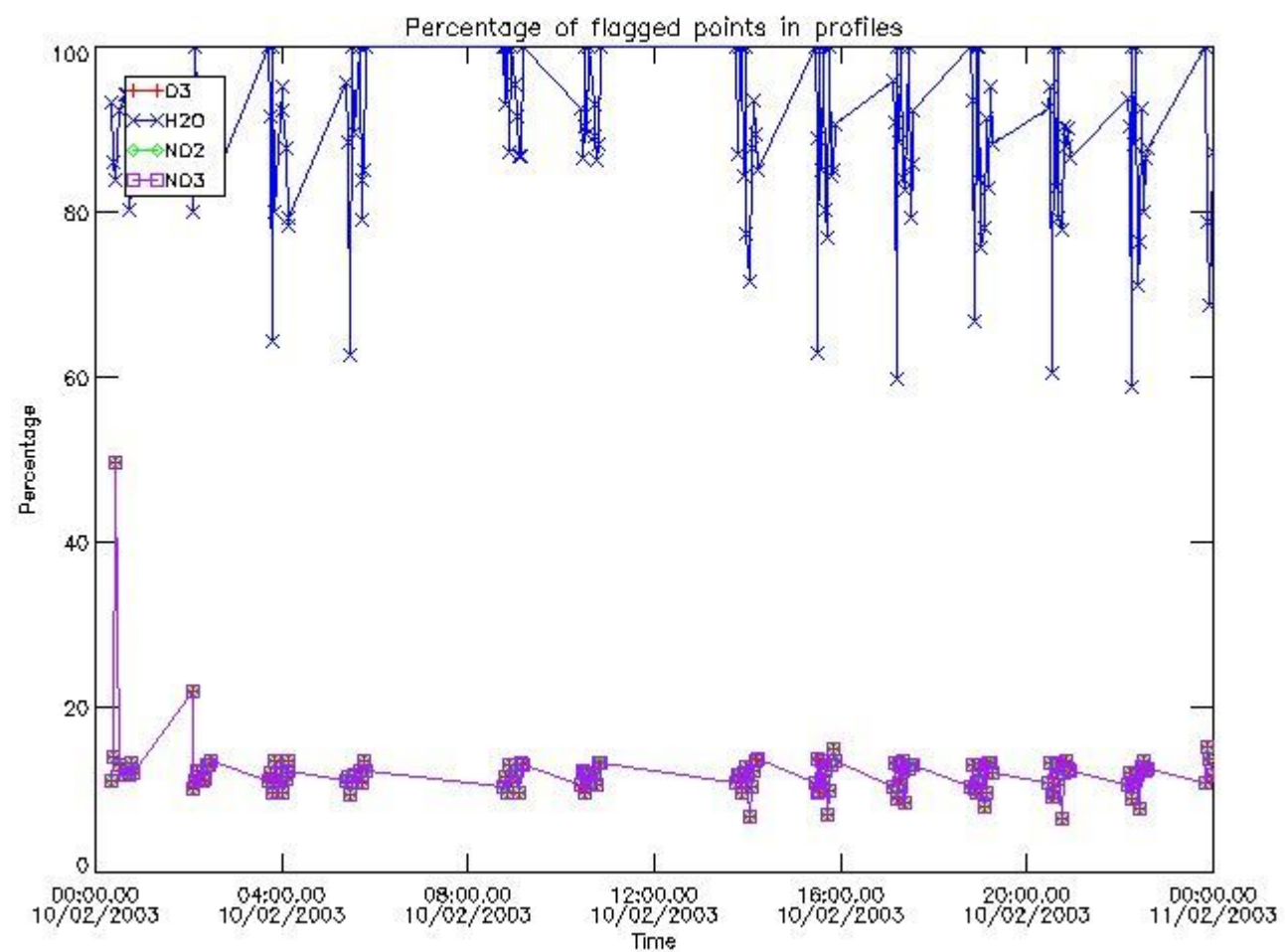


397	GOM_NL__2PRFIN20030210_231912_000000422013_00402_04965_5530.N1	10-FEB-2003 23:19:12	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4965	No
398	GOM_NL__2PRFIN20030210_232328_000000362013_00402_04965_5531.N1	10-FEB-2003 23:23:28	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	4965	No
399	GOM_NL__2PRFIN20030210_232736_000000402013_00402_04965_5532.N1	10-FEB-2003 23:27:36	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	4965	No
400	GOM_NL__2PRFIN20030210_232918_000000342013_00402_04965_5533.N1	10-FEB-2003 23:29:18	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	4965	No
401	GOM_NL__2PRFIN20030210_233137_000000352013_00402_04965_5534.N1	10-FEB-2003 23:31:37	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4965	No
402	GOM_NL__2PRFIN20030210_233442_000000522013_00402_04965_5535.N1	10-FEB-2003 23:34:42	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	4965	No
403	GOM_NL__2PRFIN20030210_233814_000000882013_00402_04965_5536.N1	10-FEB-2003 23:38:14	Bright	88.000	67	5Alp CrB	2.2210	11000.	176	4965	No
404	GOM_NL__2PRFIN20030210_234130_000002552013_00402_04965_5537.N1	10-FEB-2003 23:41:30	Straylight	255.00	83		2.3780	11000.	510	4965	No
405	GOM_NL__2PRFIN20030210_234933_000000472013_00402_04965_5538.N1	10-FEB-2003 23:49:33	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	4965	No
406	GOM_NL__2PRFIN20030210_235216_000000412013_00402_04965_5539.N1	10-FEB-2003 23:52:16	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	4965	No
407	GOM_NL__2PRFIN20030210_235422_000000632013_00402_04965_5540.N1	10-FEB-2003 23:54:22	Dark	62.500	16	21Alp Sco	1.0200	3000.0	125	4965	No
408	GOM_NL__2PRFIN20030210_235850_000000482013_00402_04965_5541.N1	10-FEB-2003 23:58:50	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	4965	No

### 3. Quality information per product

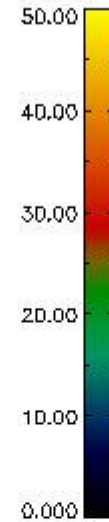
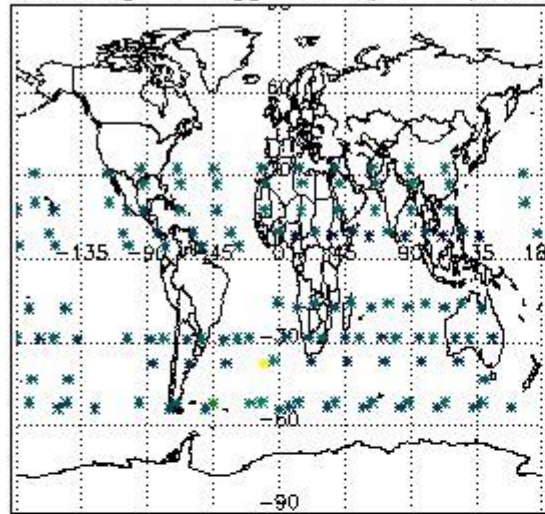
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

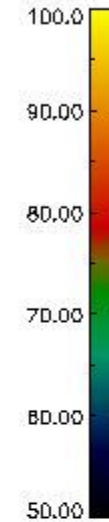
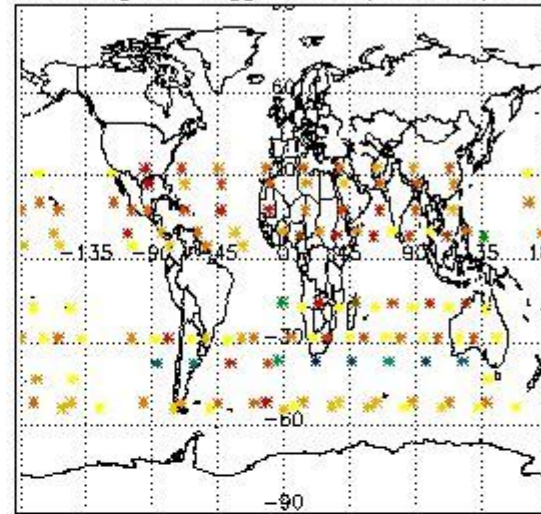


#### 3.2 Plot quality information per product (world map)

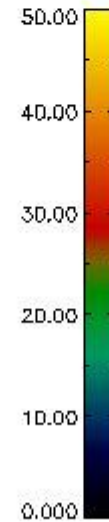
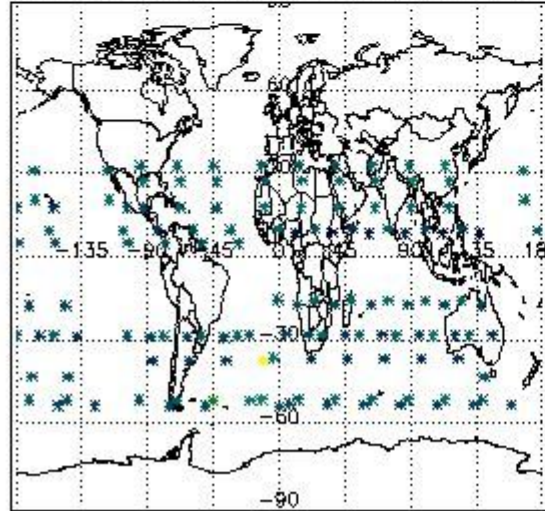
Percentage of flagged data per O3 profile



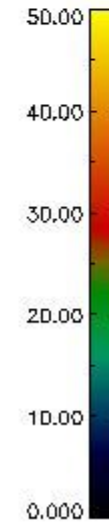
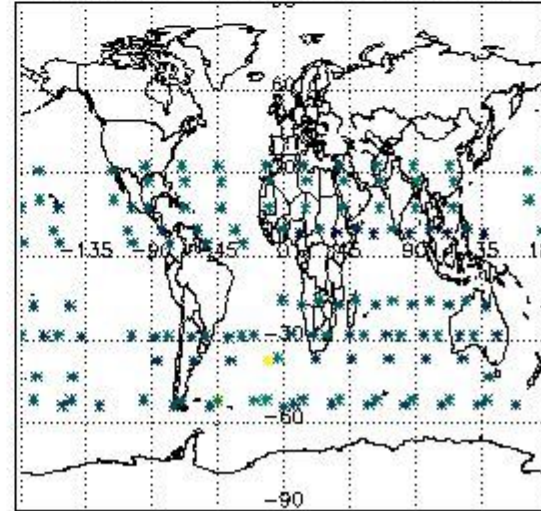
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

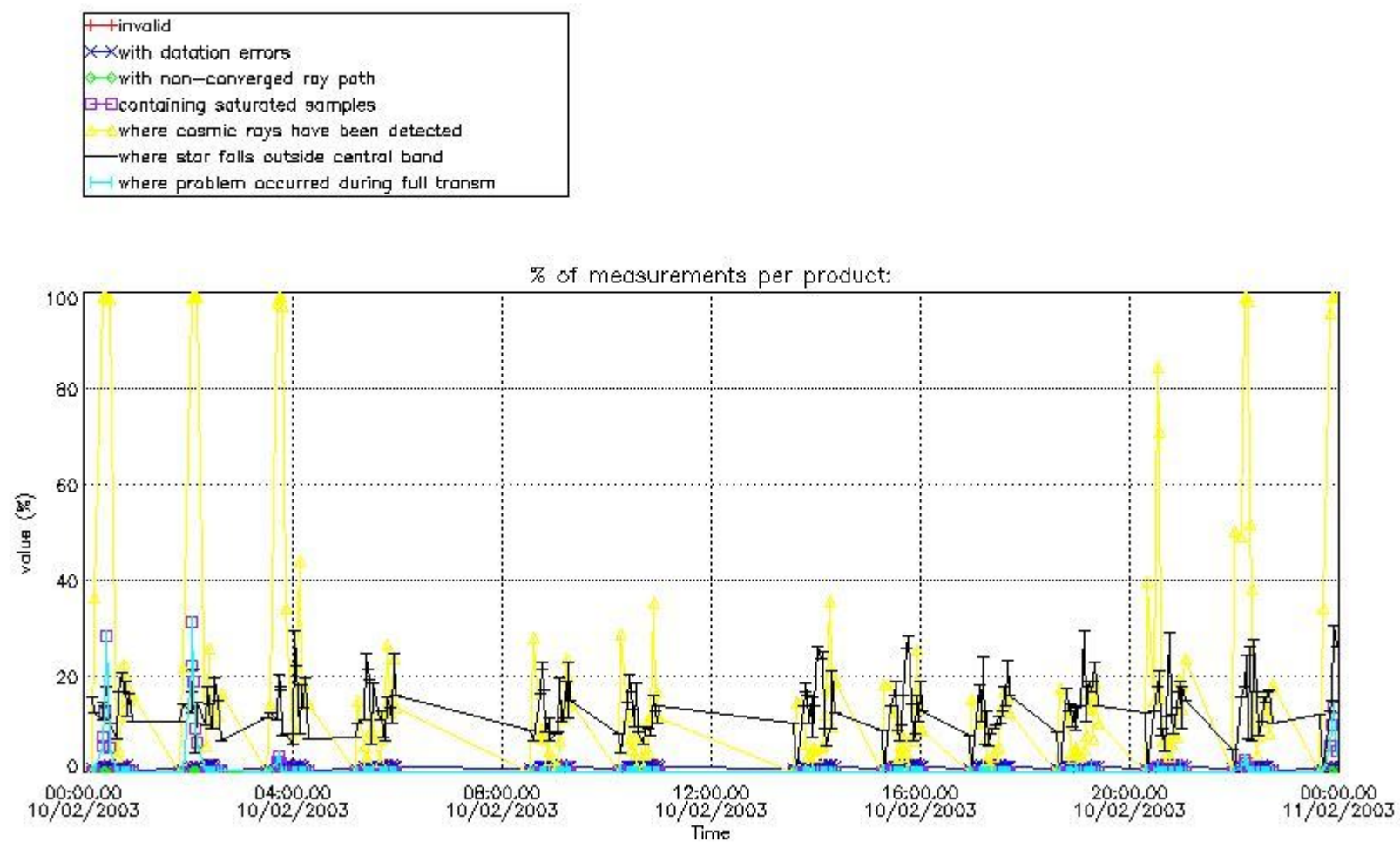


#### 4. Level 1 quality information per product

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.

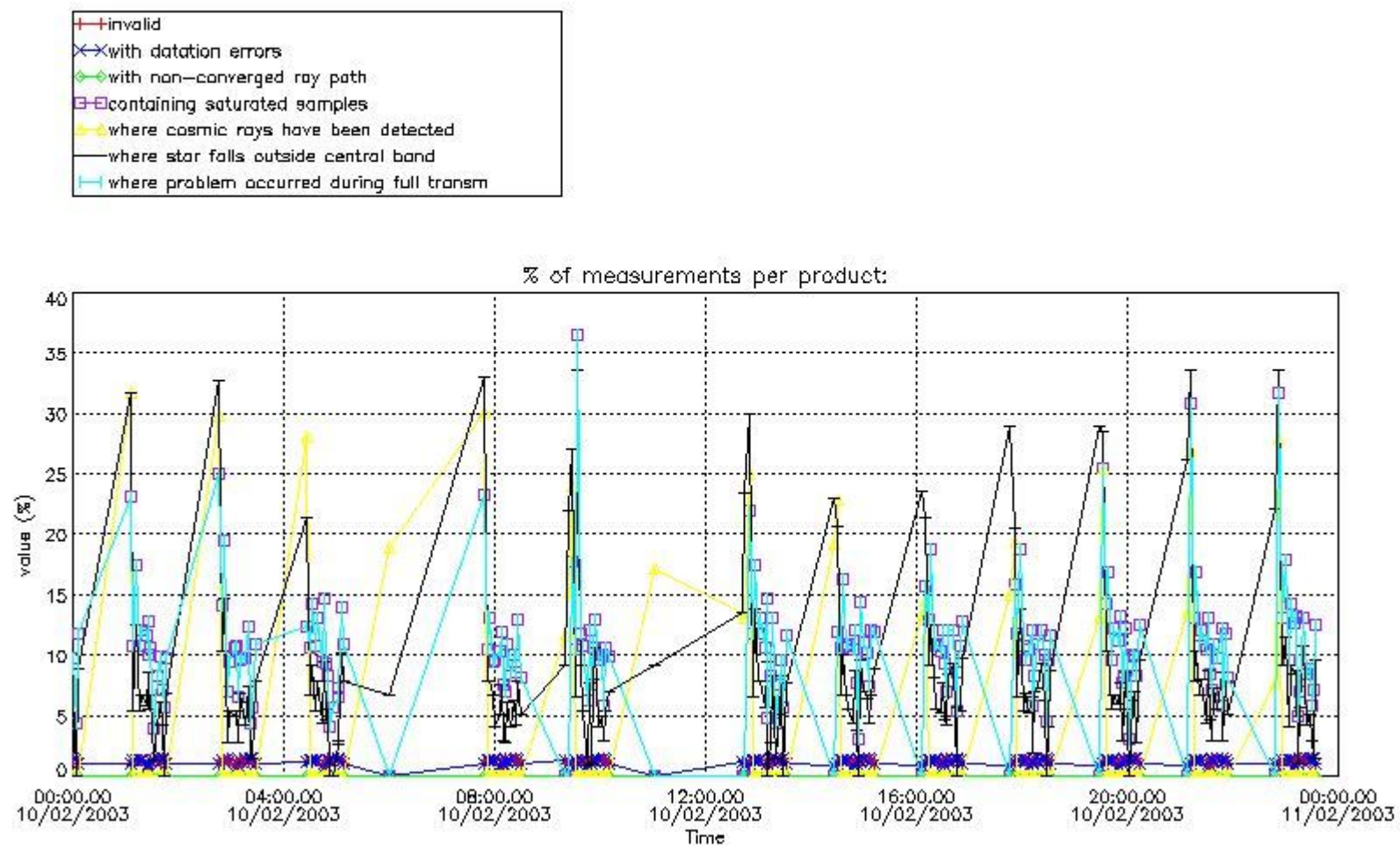
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

##### 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

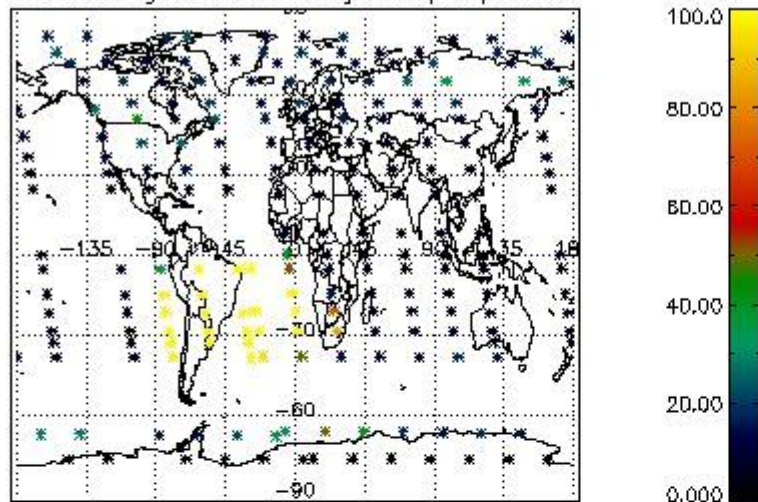




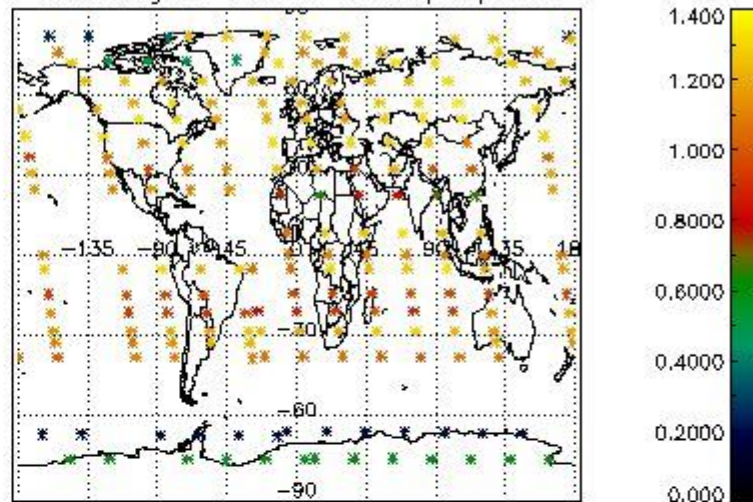
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

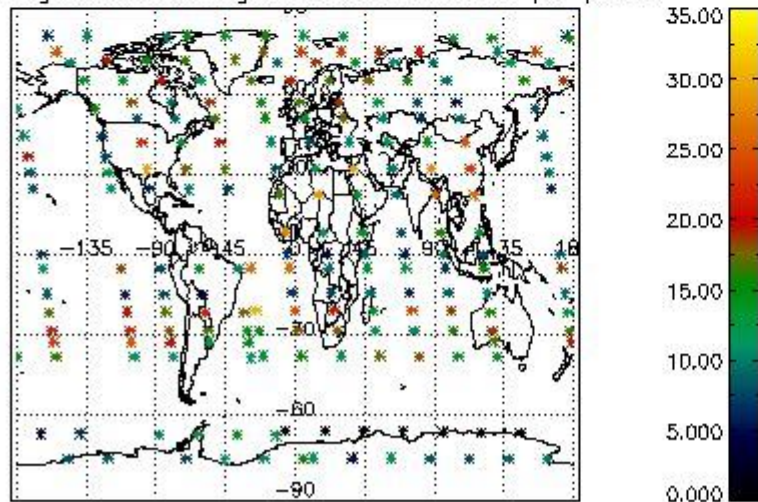
Percentage of cosmic ray hits per profile



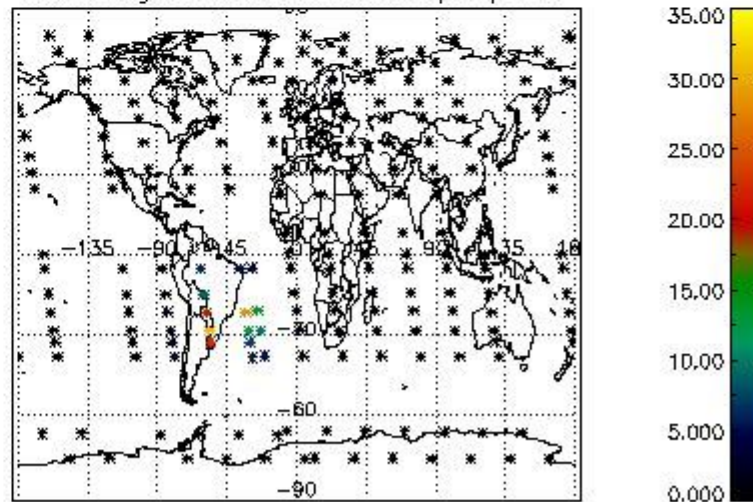
Percentage of datation errors per profile



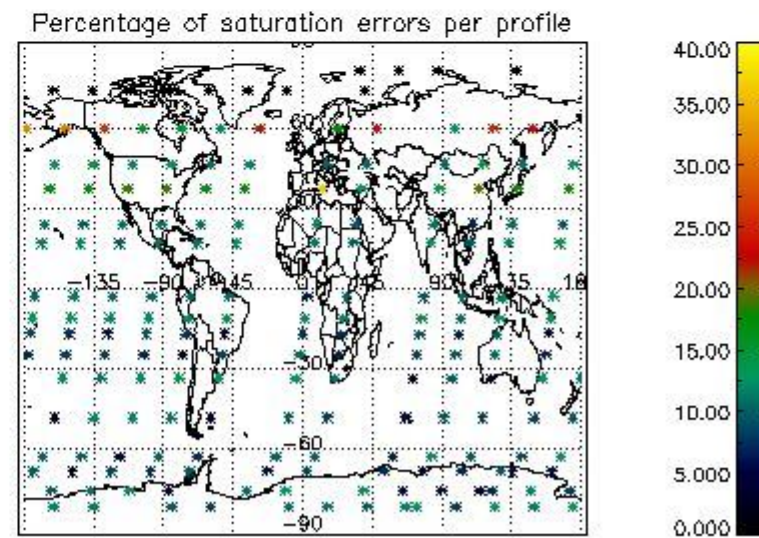
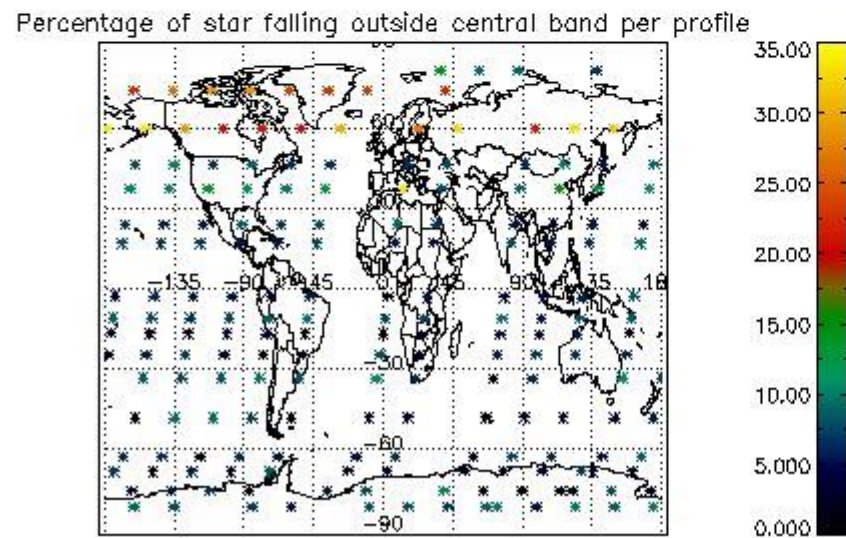
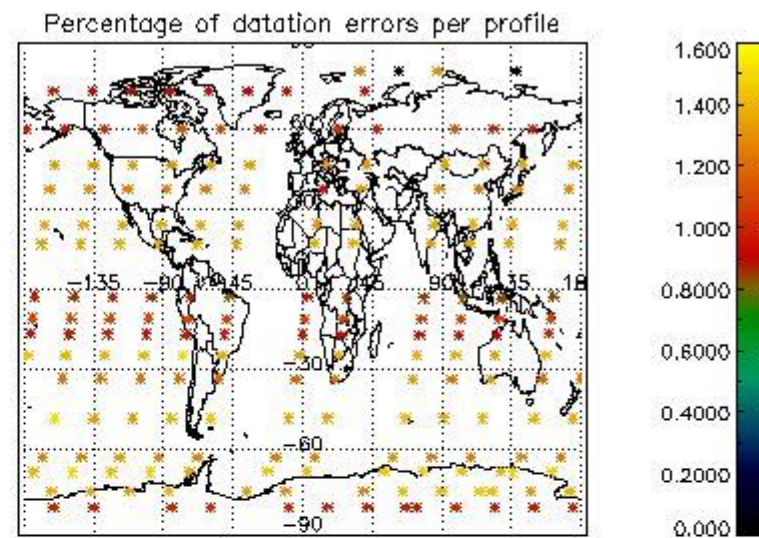
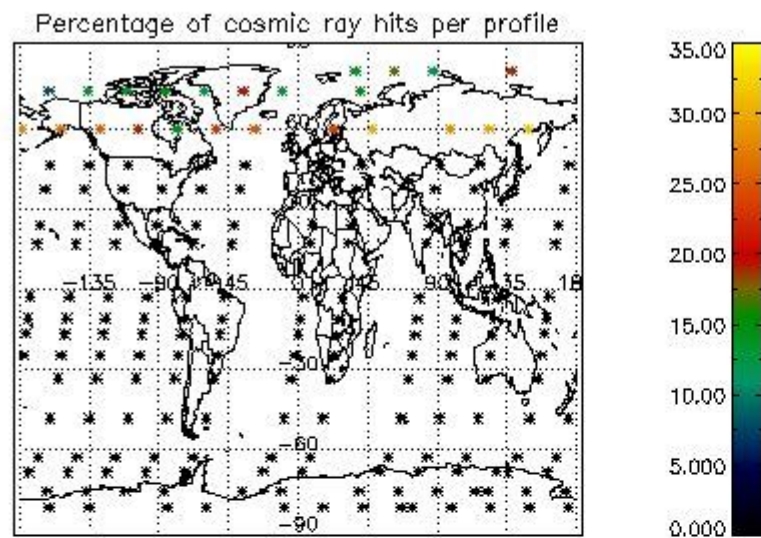
Percentage of star falling outside central band per profile



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

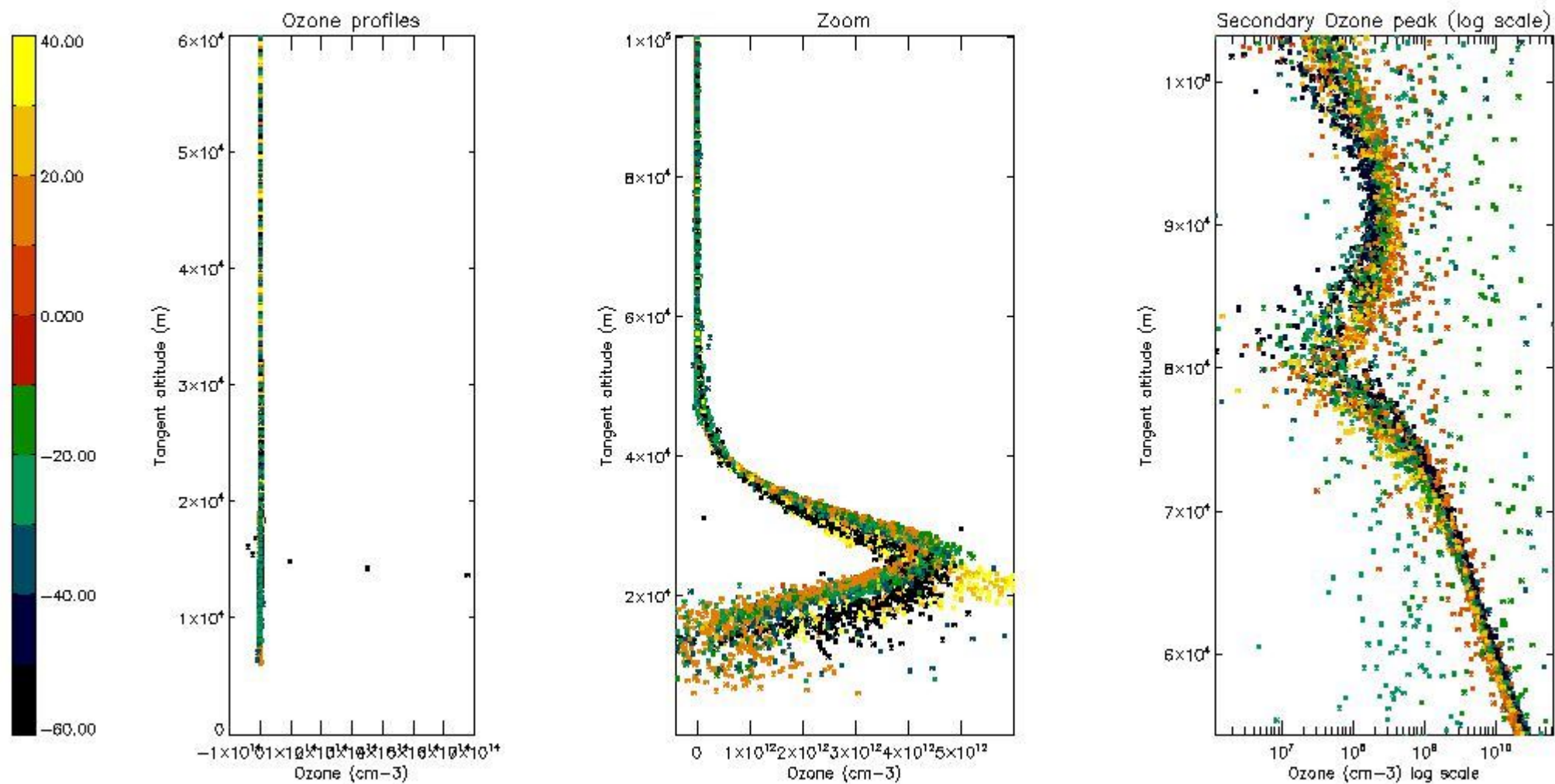
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	16

STD < 10	13
STD < 5	9

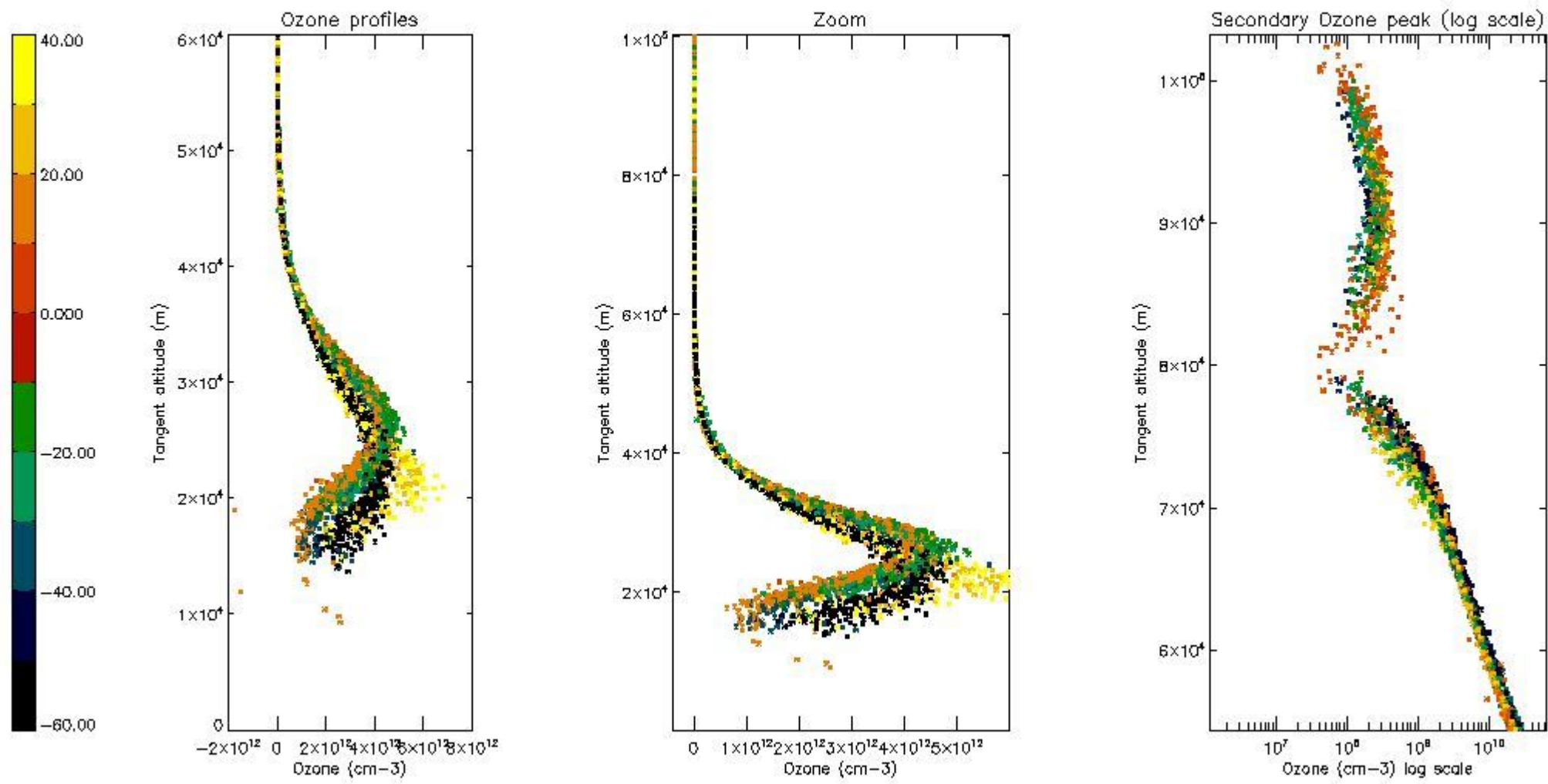
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



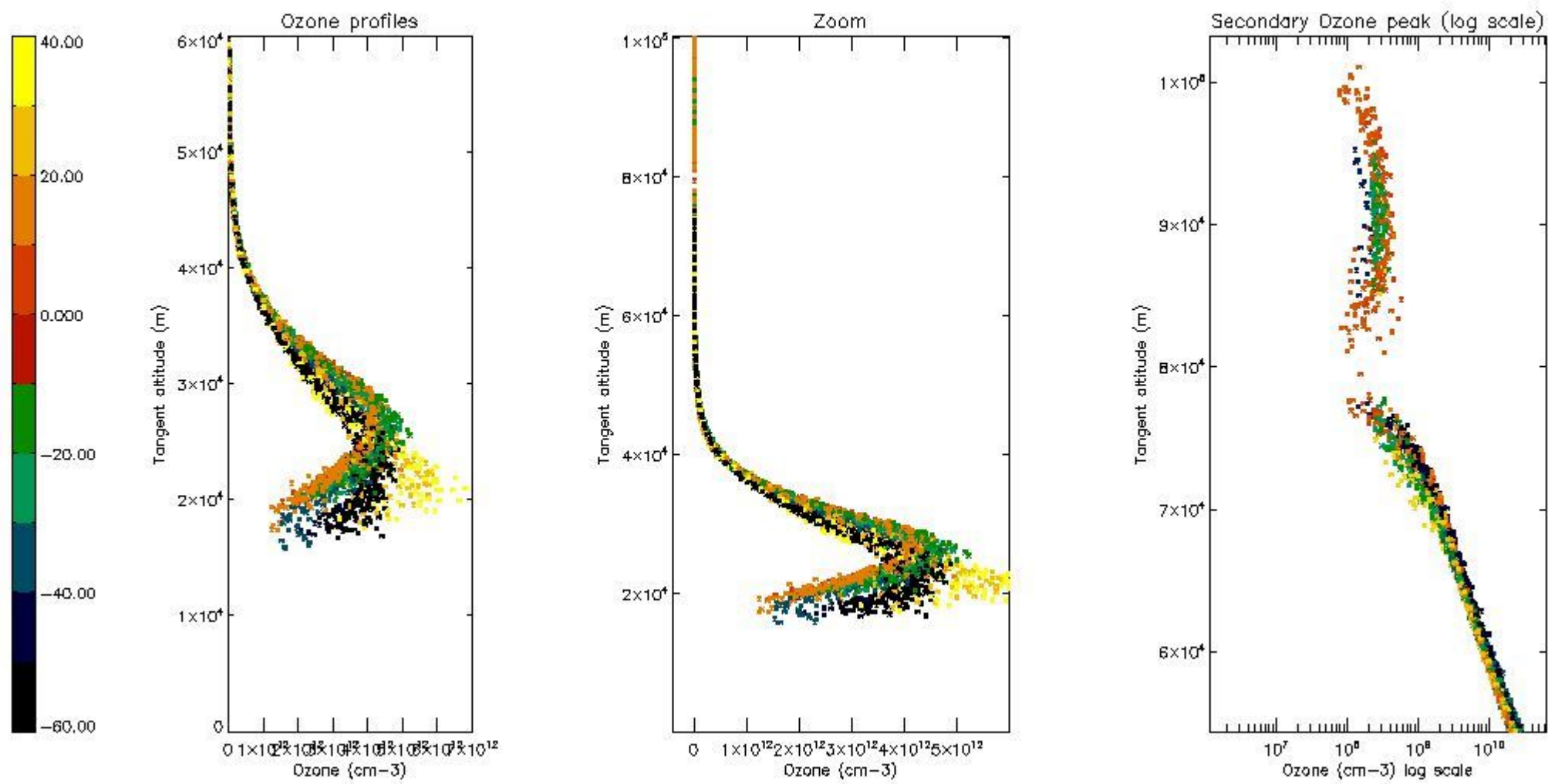
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



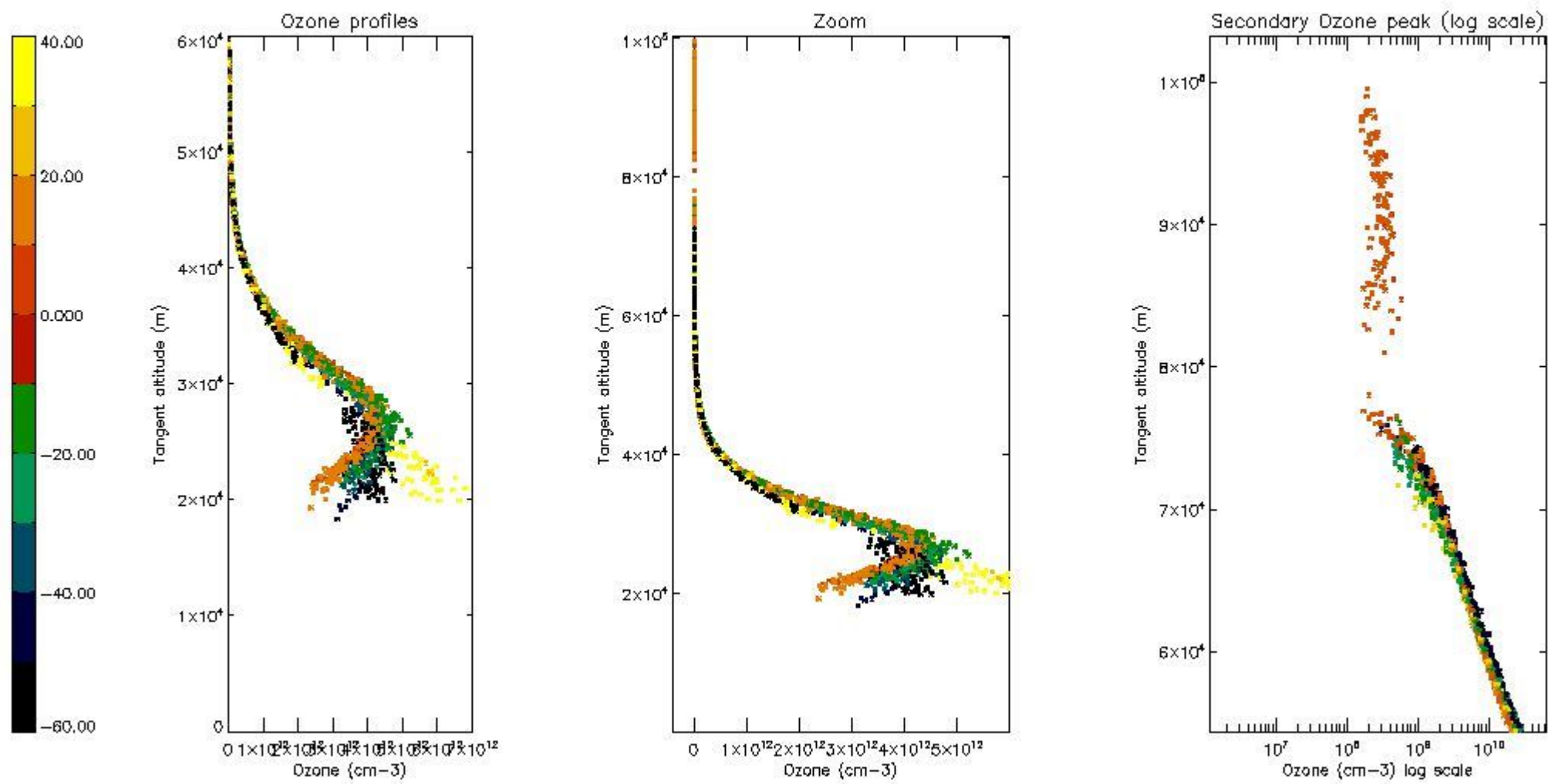
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



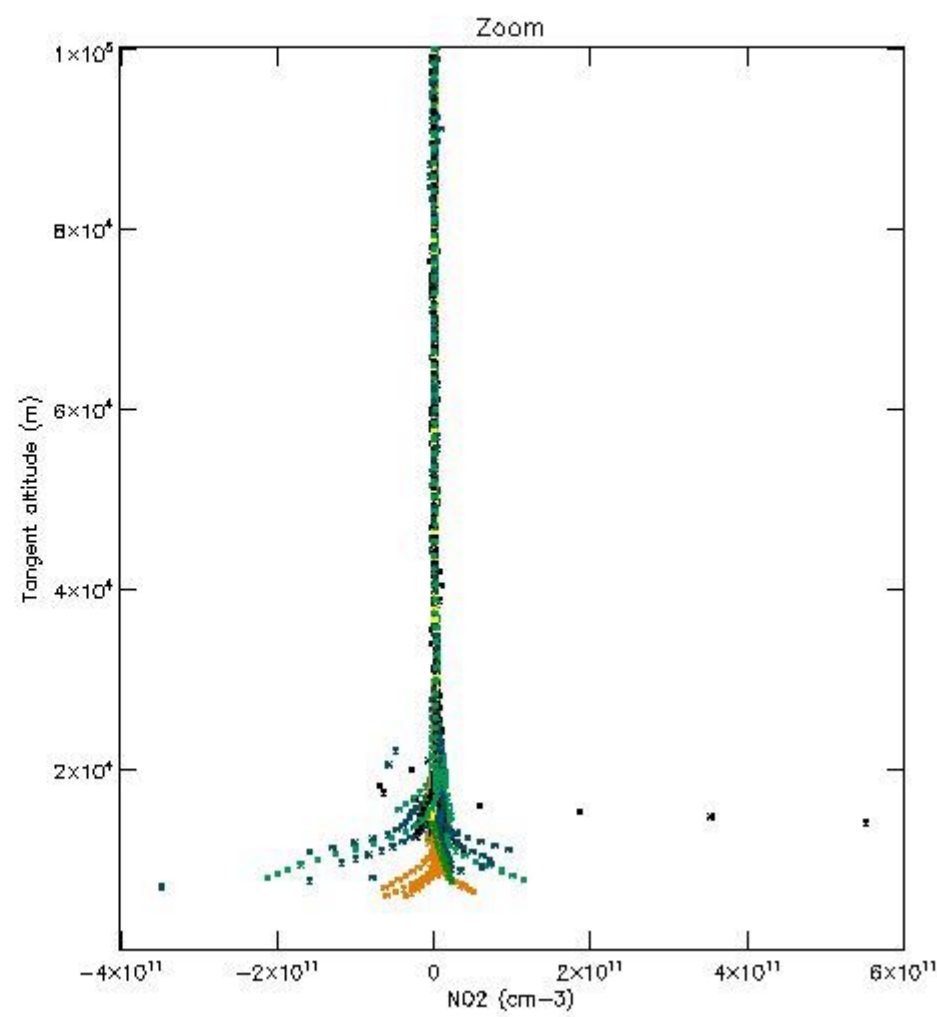
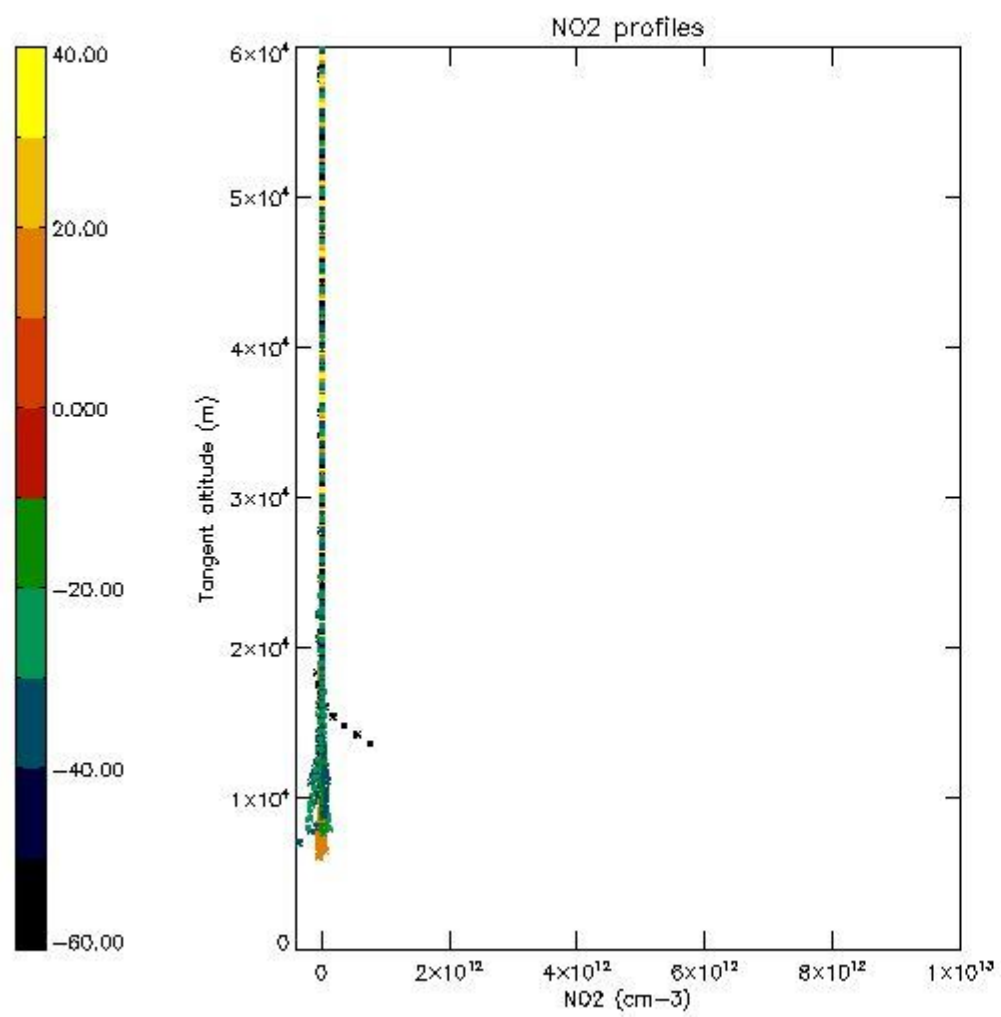
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

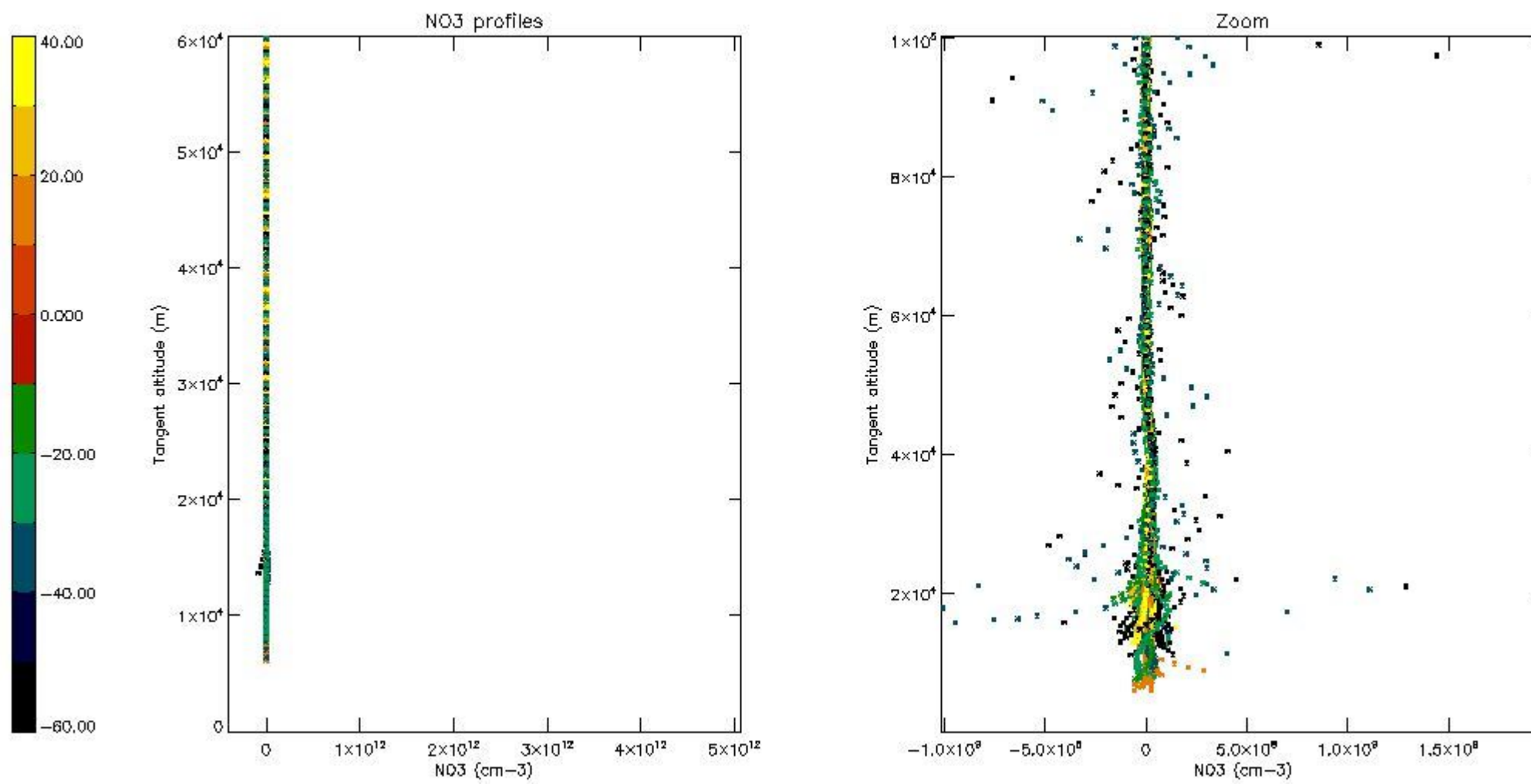
The colorbar represents the latitude.



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

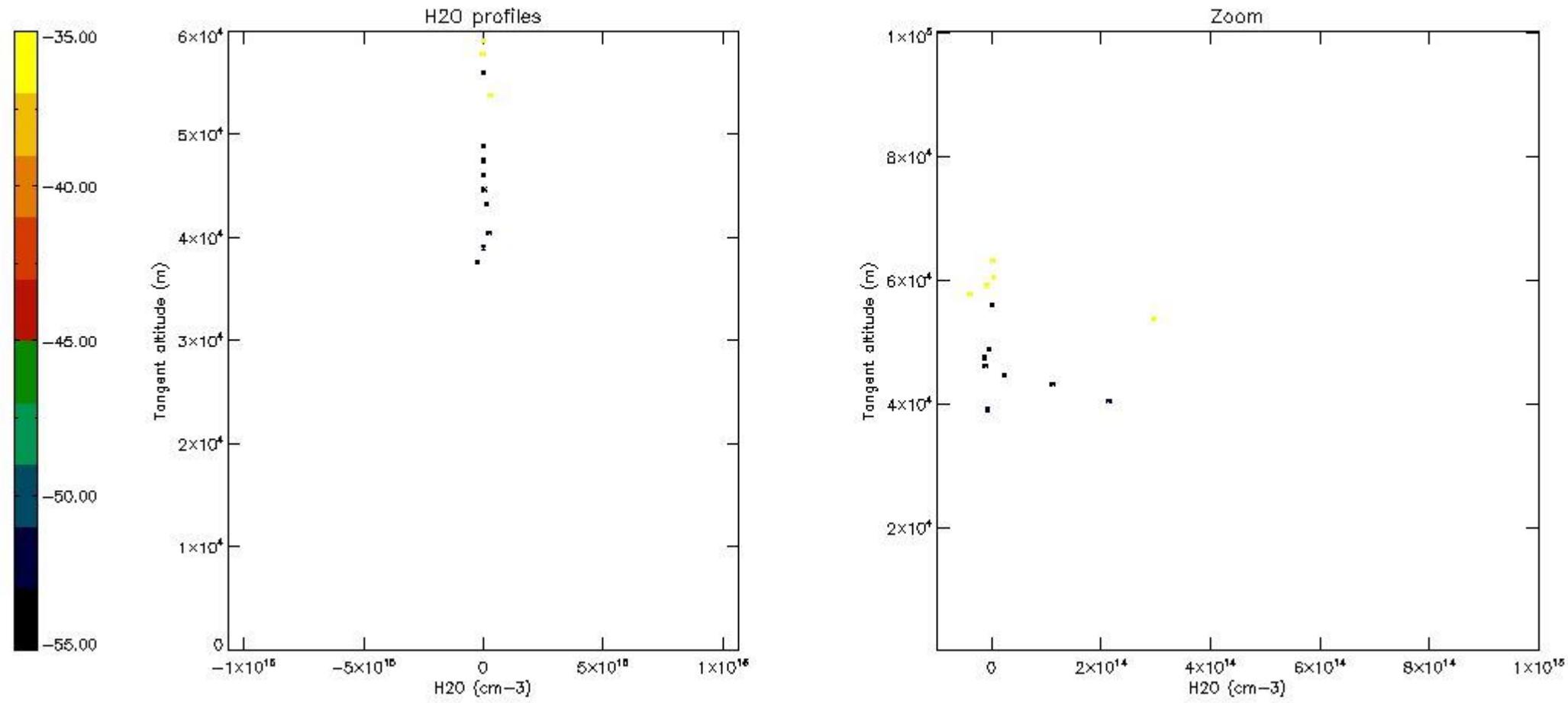
The colorbar represents the latitude.





*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)*

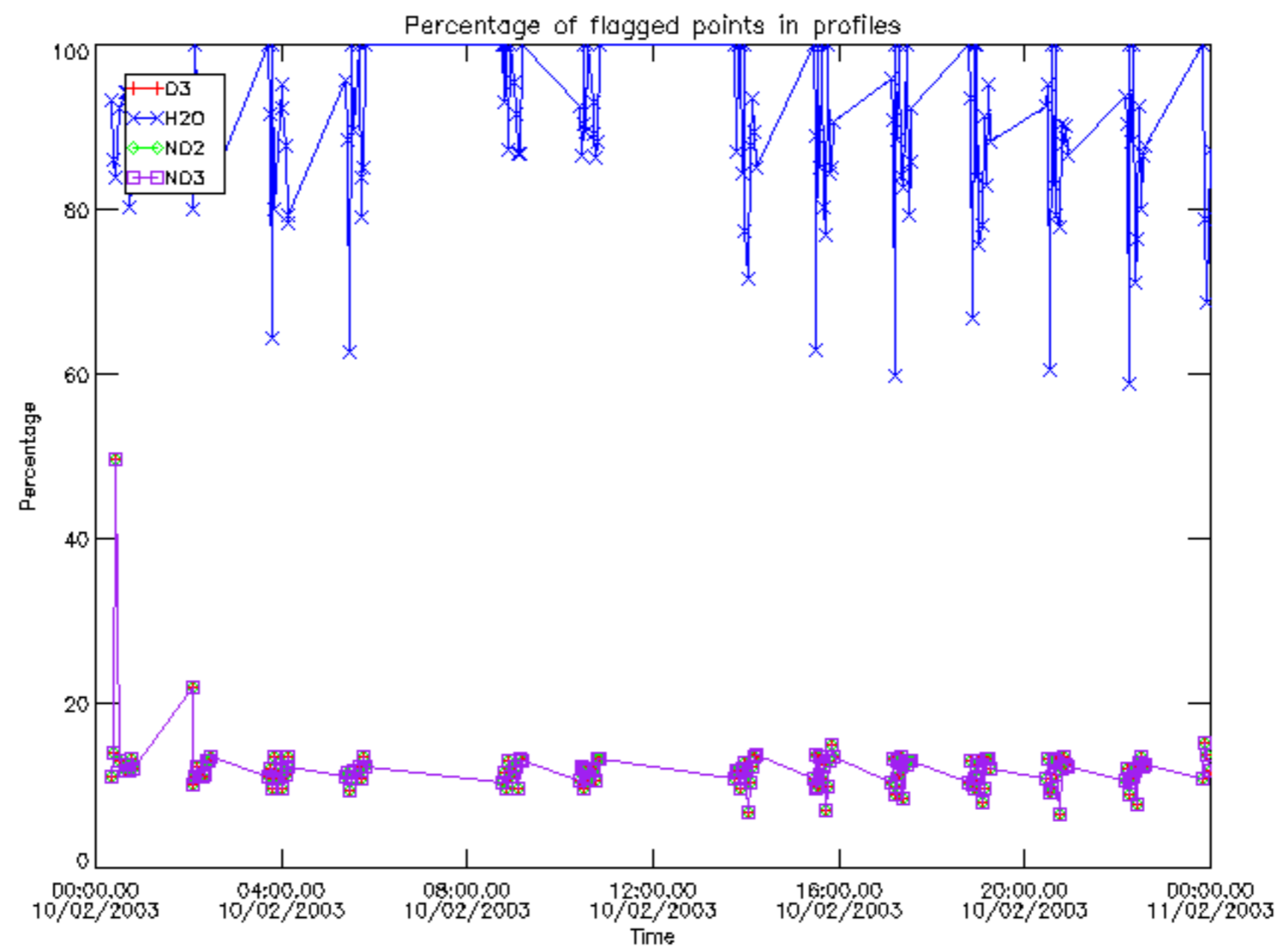
The colorbar represents the latitude.



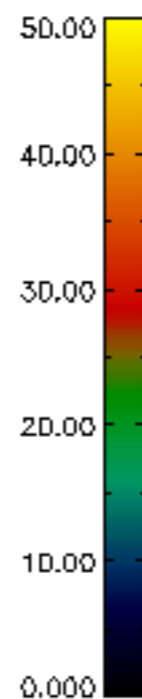
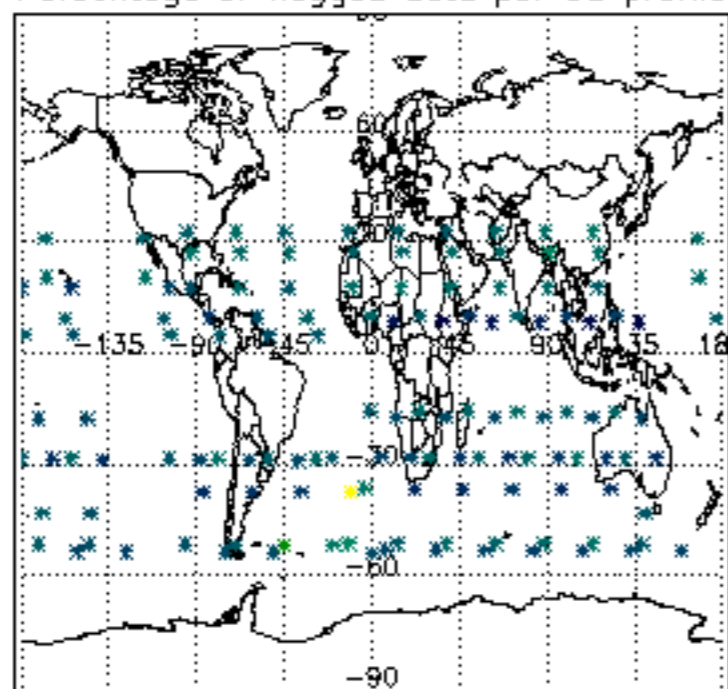
## 6. Auxiliary Data Files used for the production reported in section 2

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.

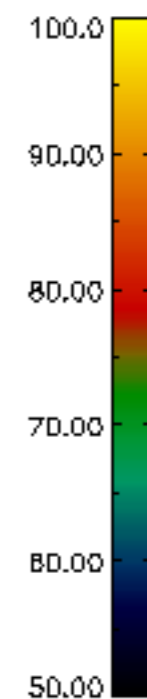
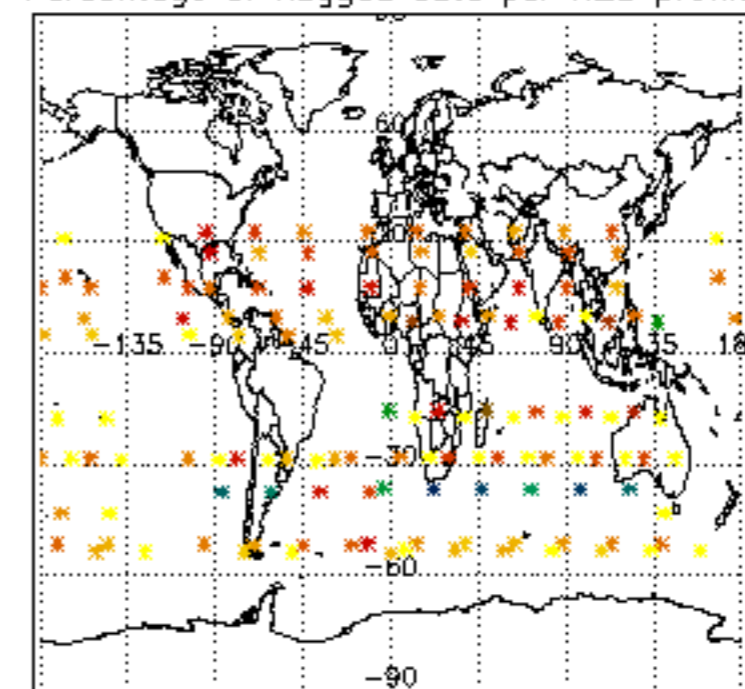
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	10-FEB-2003 00:00:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-FEB-2003 00:00:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-FEB-2003 00:00:53



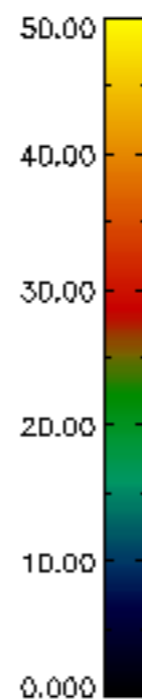
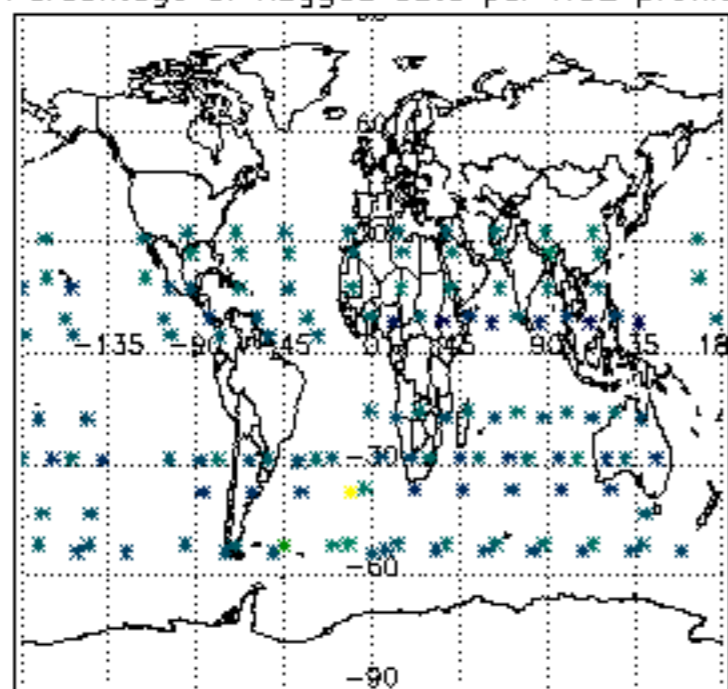
Percentage of flagged data per D3 profile



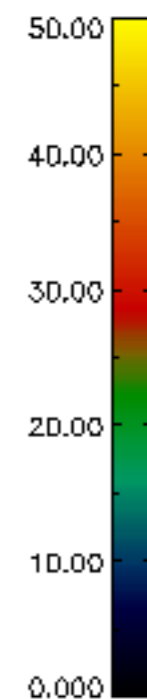
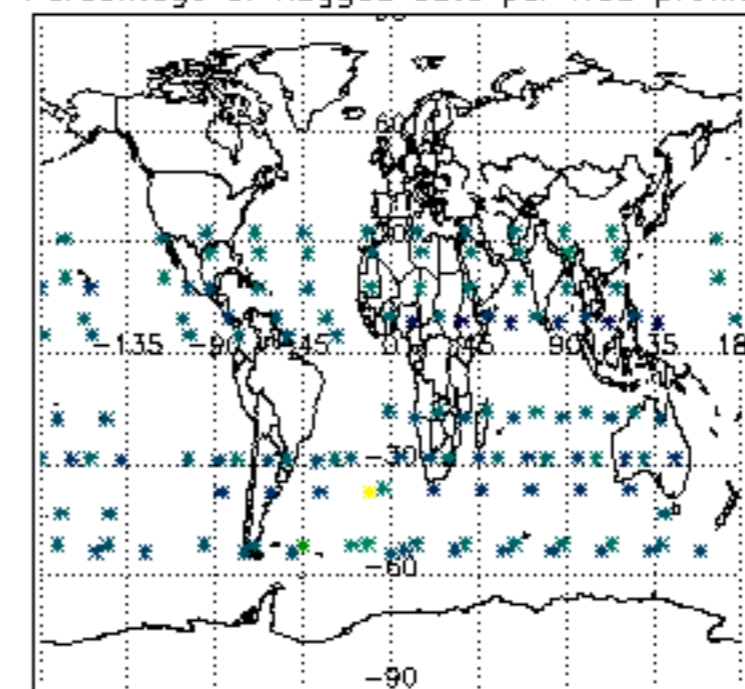
Percentage of flagged data per H2O profile

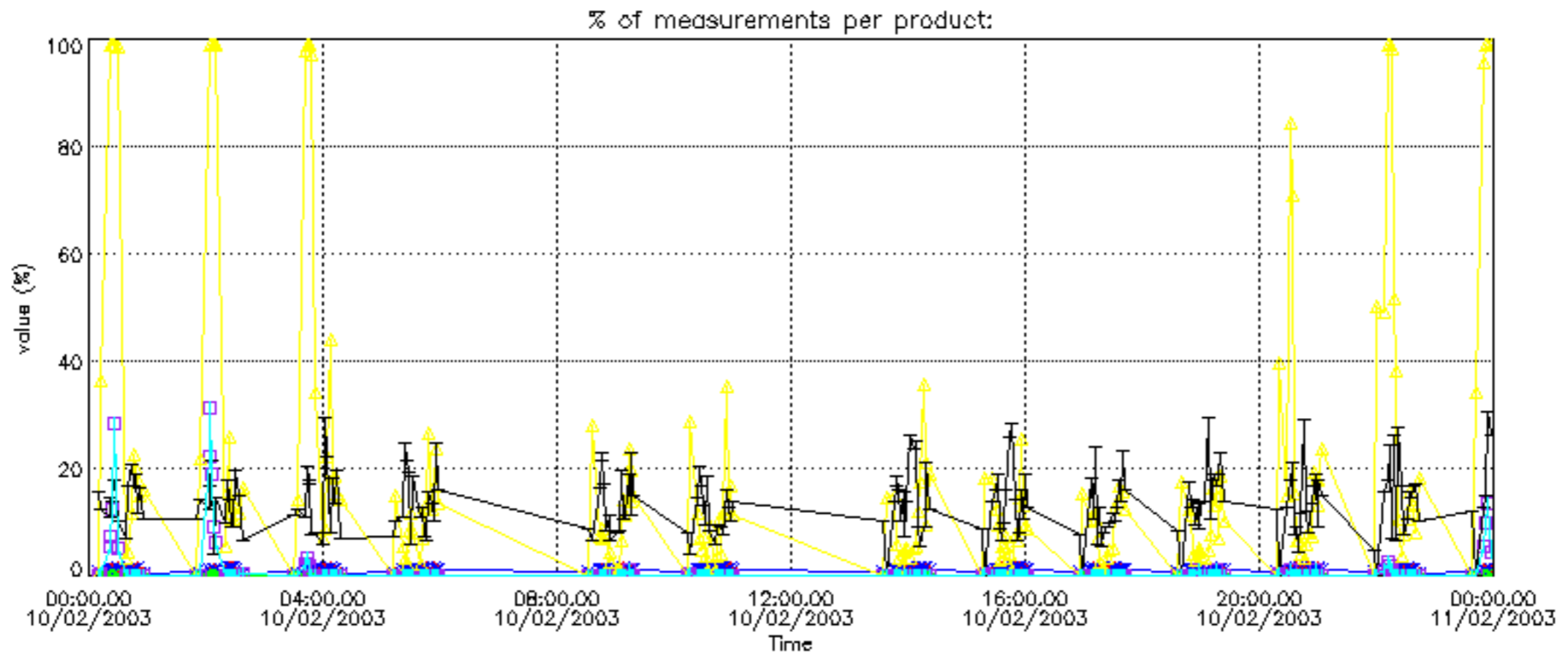
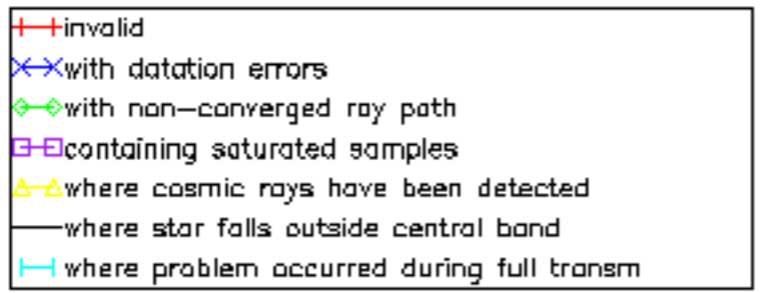


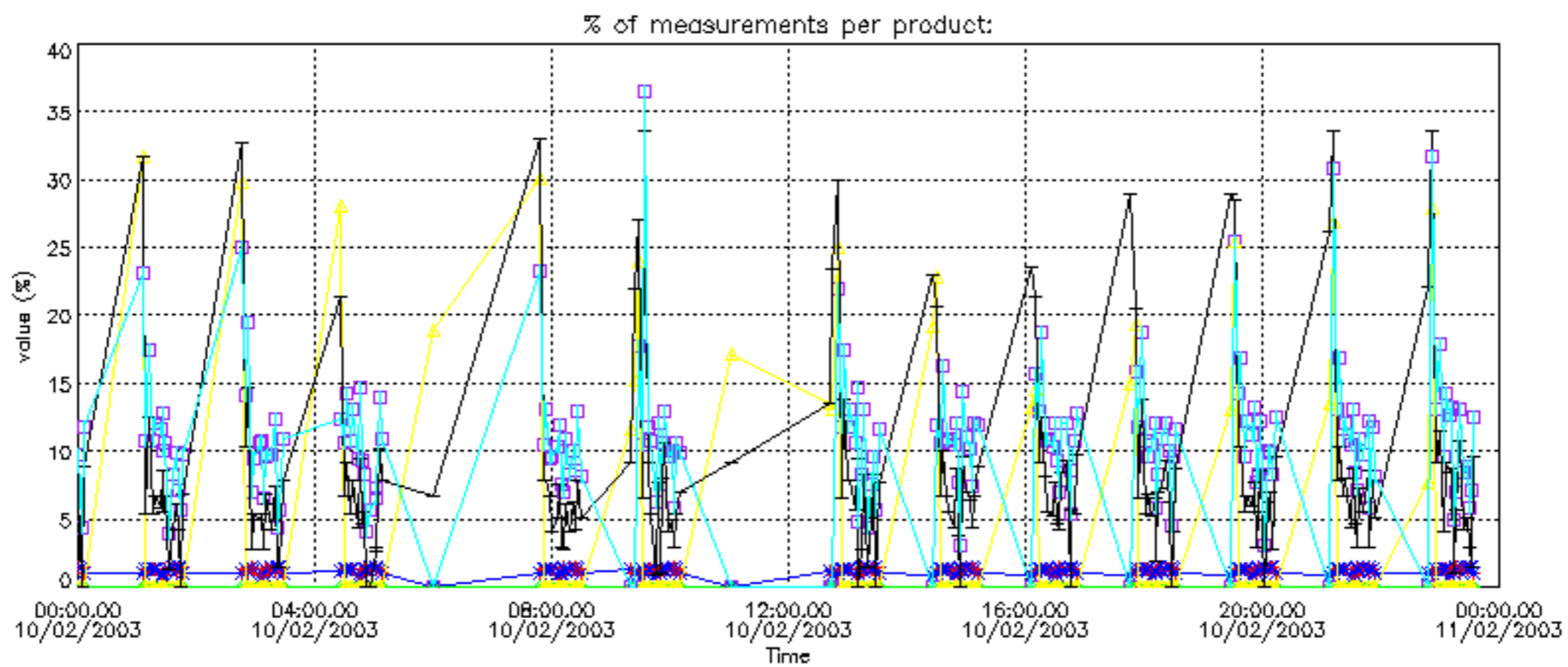
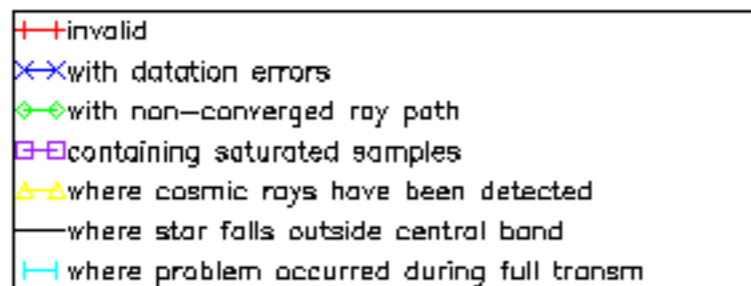
Percentage of flagged data per NO2 profile



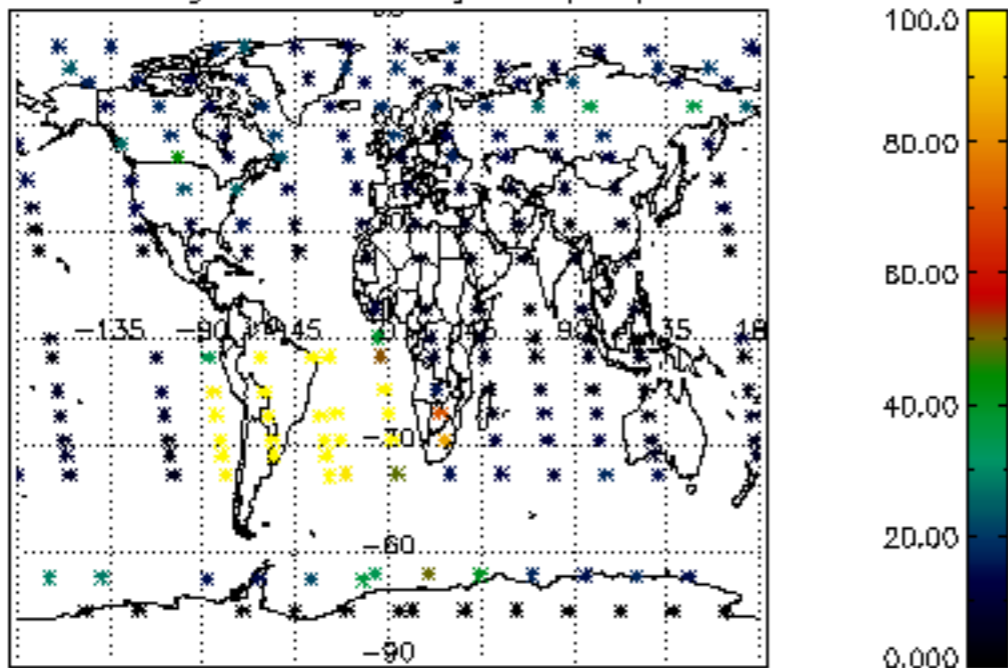
Percentage of flagged data per NO3 profile



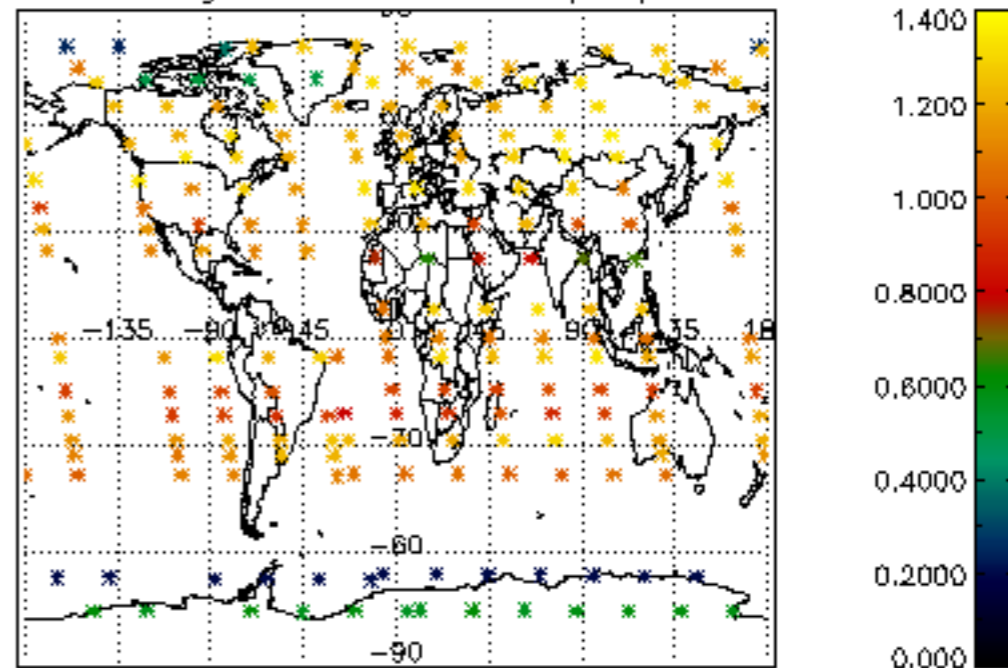




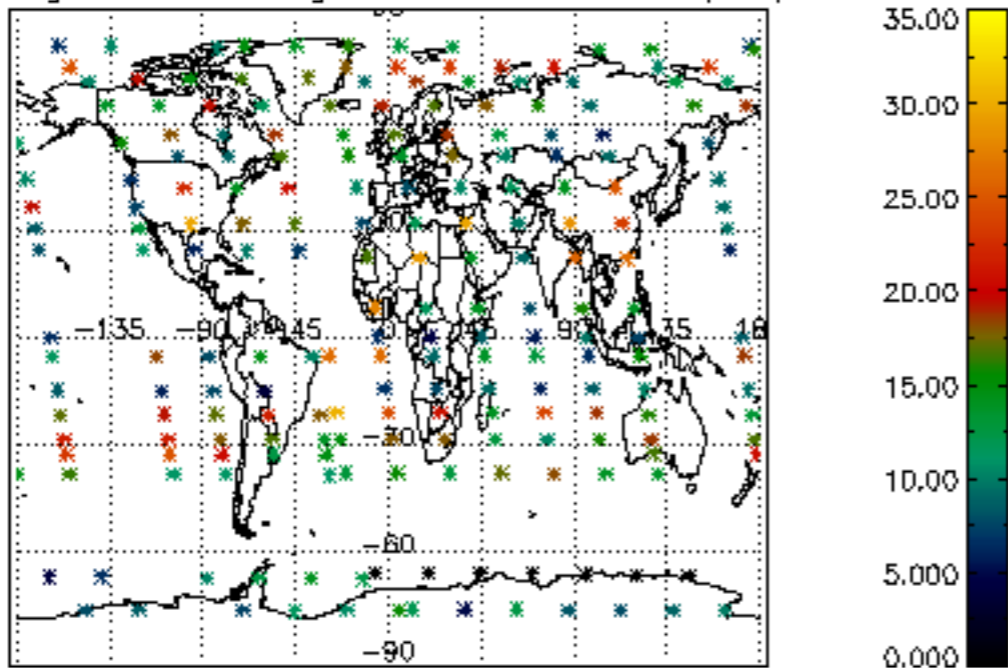
Percentage of cosmic ray hits per profile



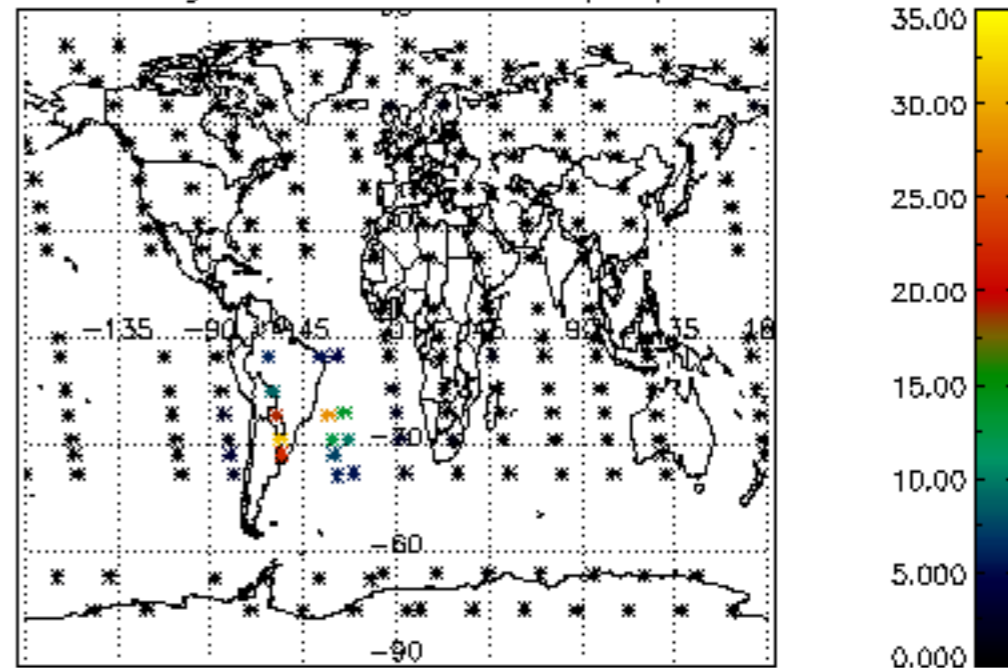
Percentage of datation errors per profile



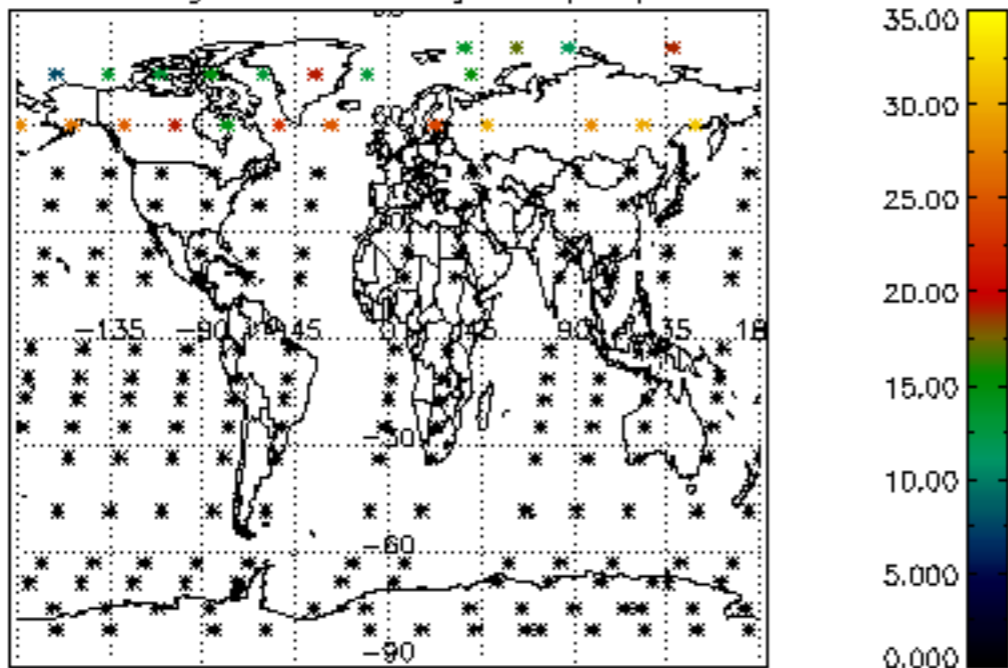
Percentage of star falling outside central band per profile



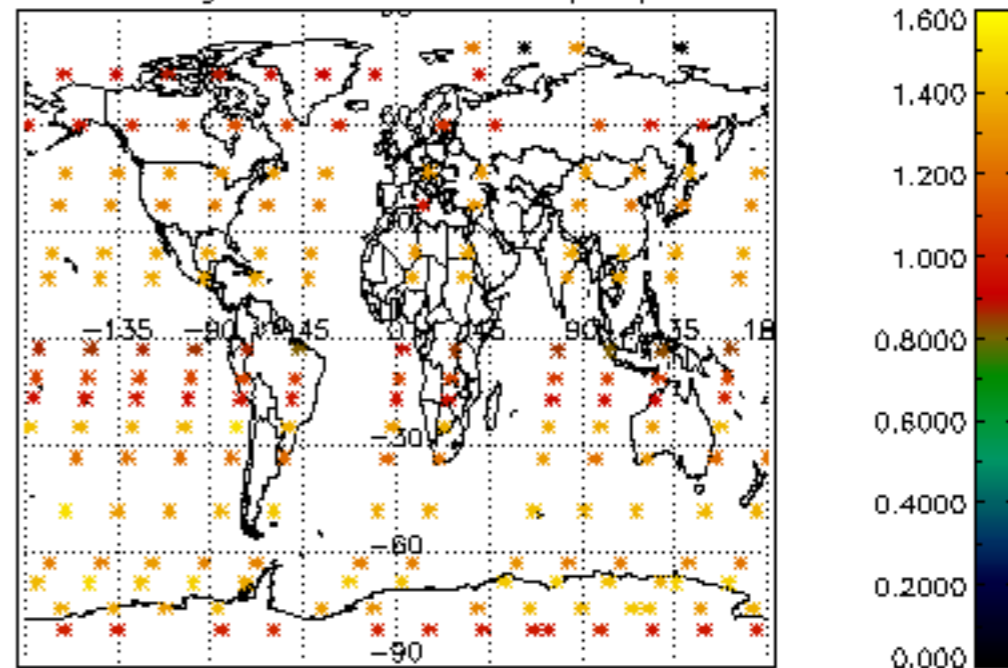
Percentage of saturation errors per profile



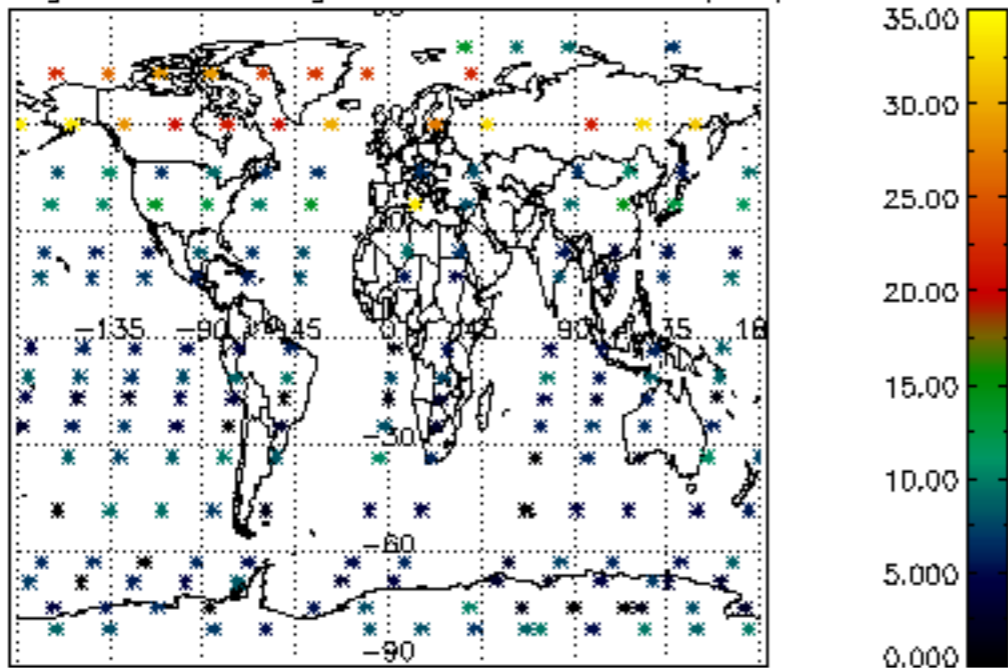
Percentage of cosmic ray hits per profile



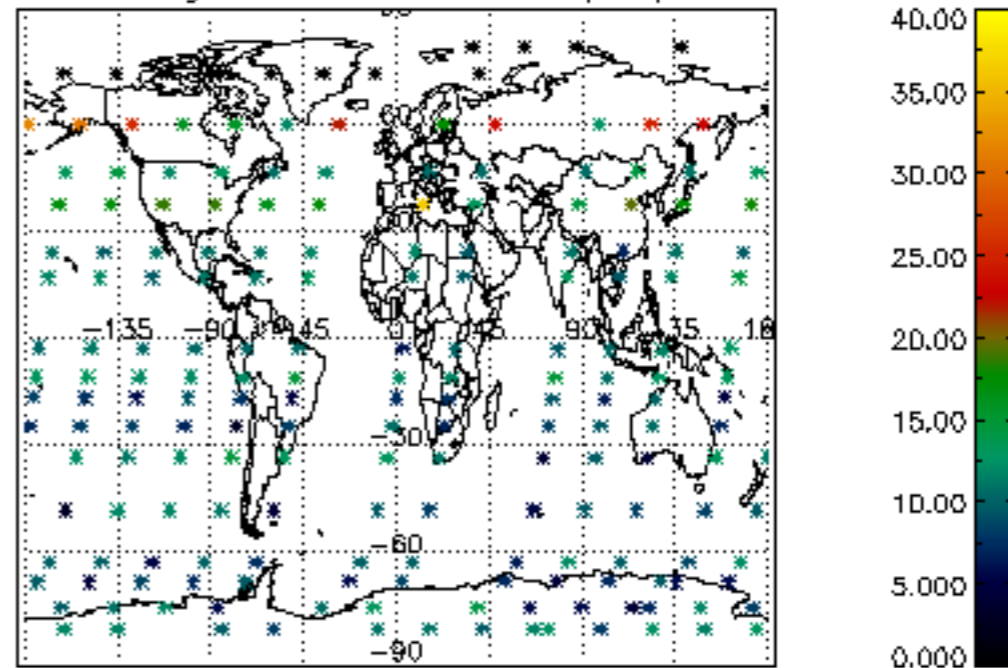
Percentage of datation errors per profile



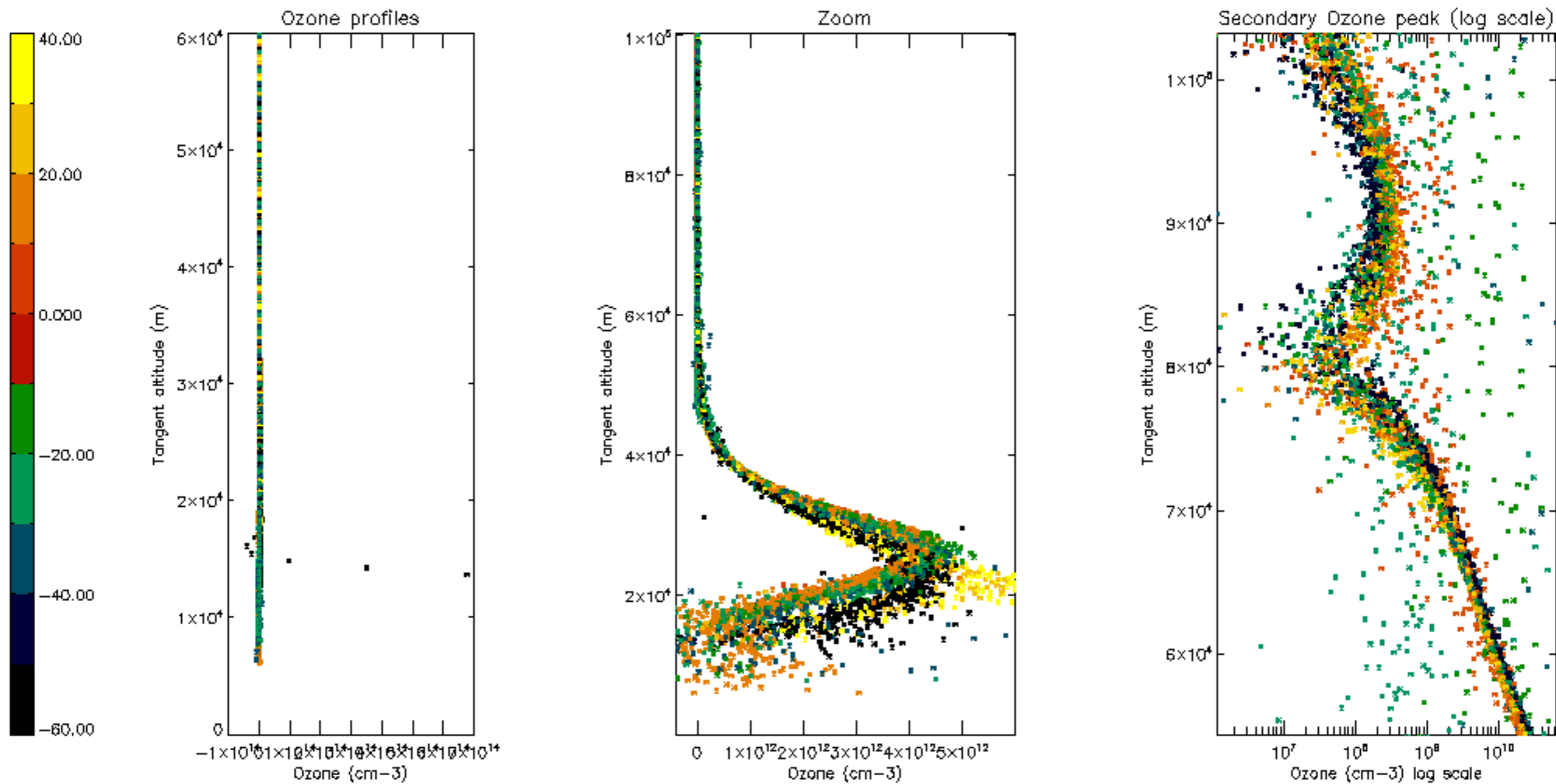
Percentage of star falling outside central band per profile

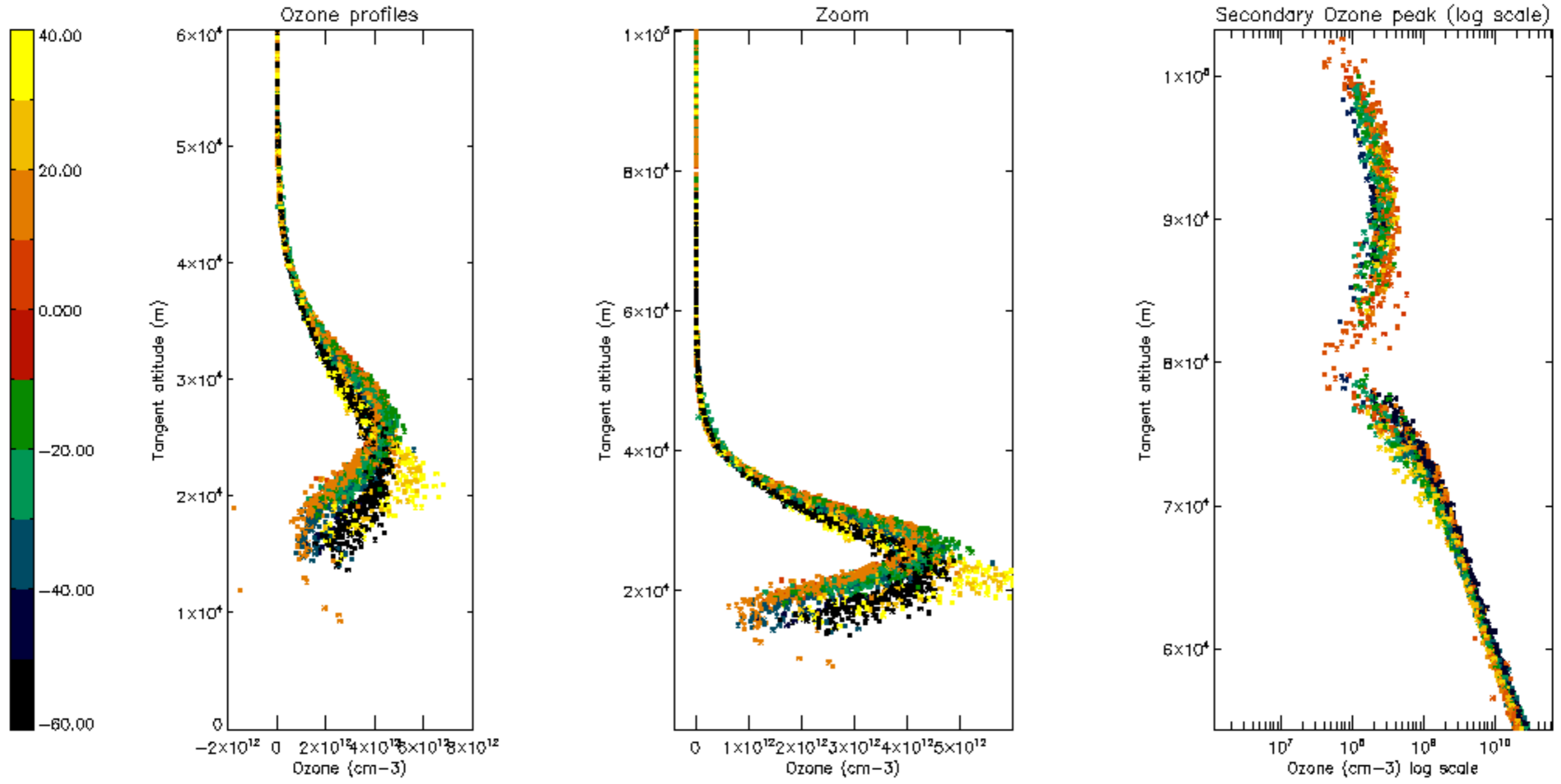


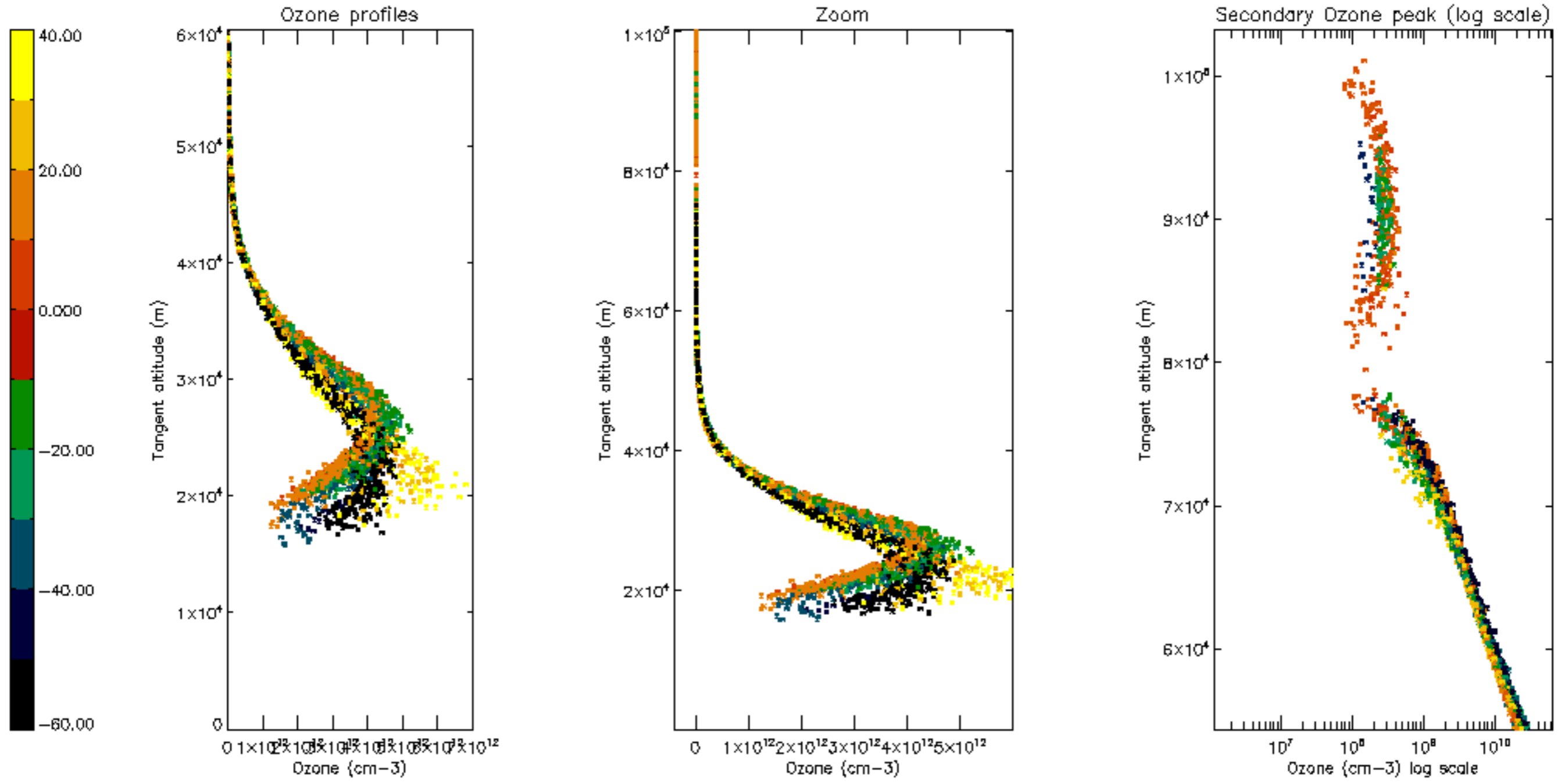
Percentage of saturation errors per profile

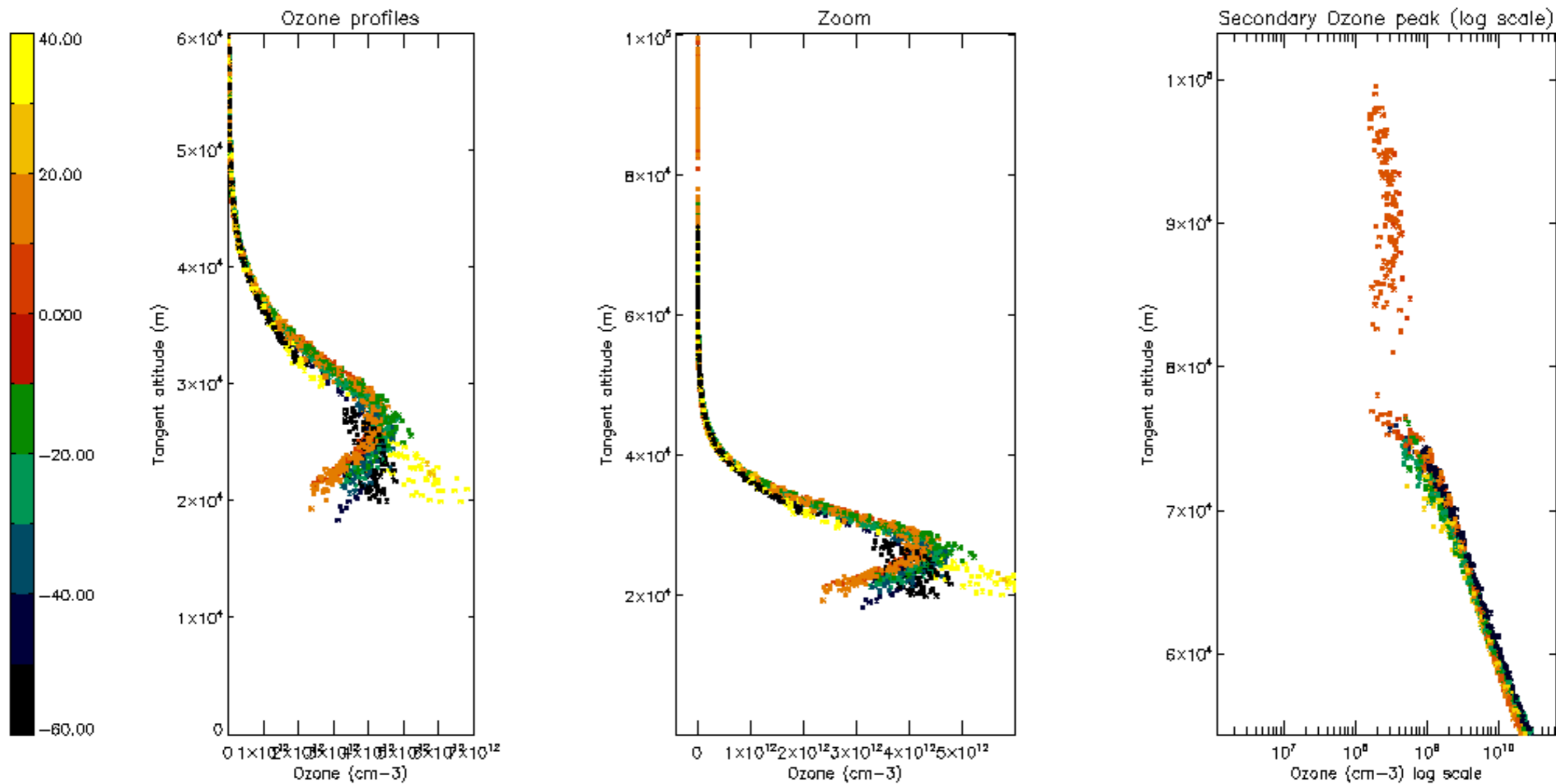


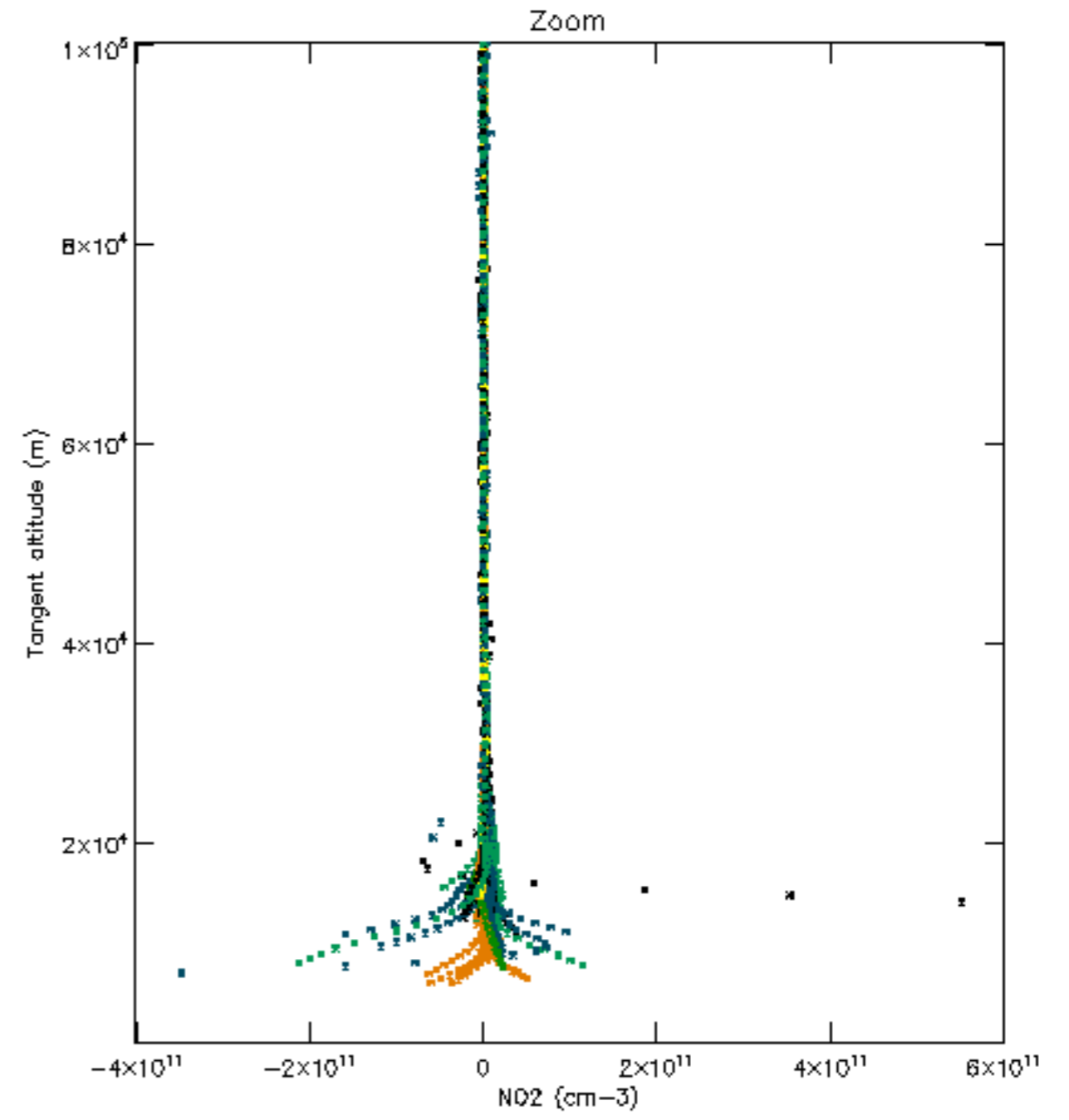
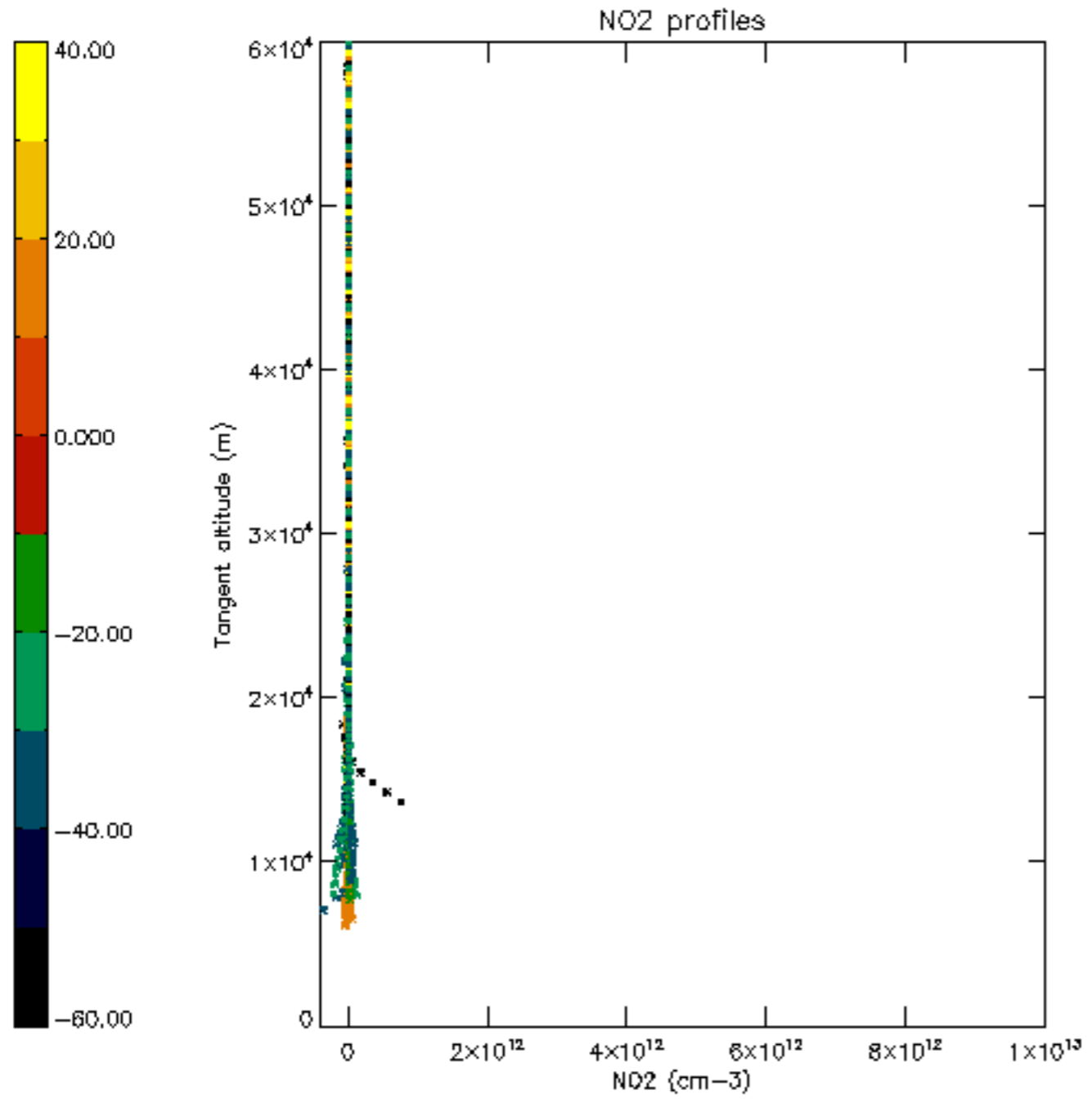


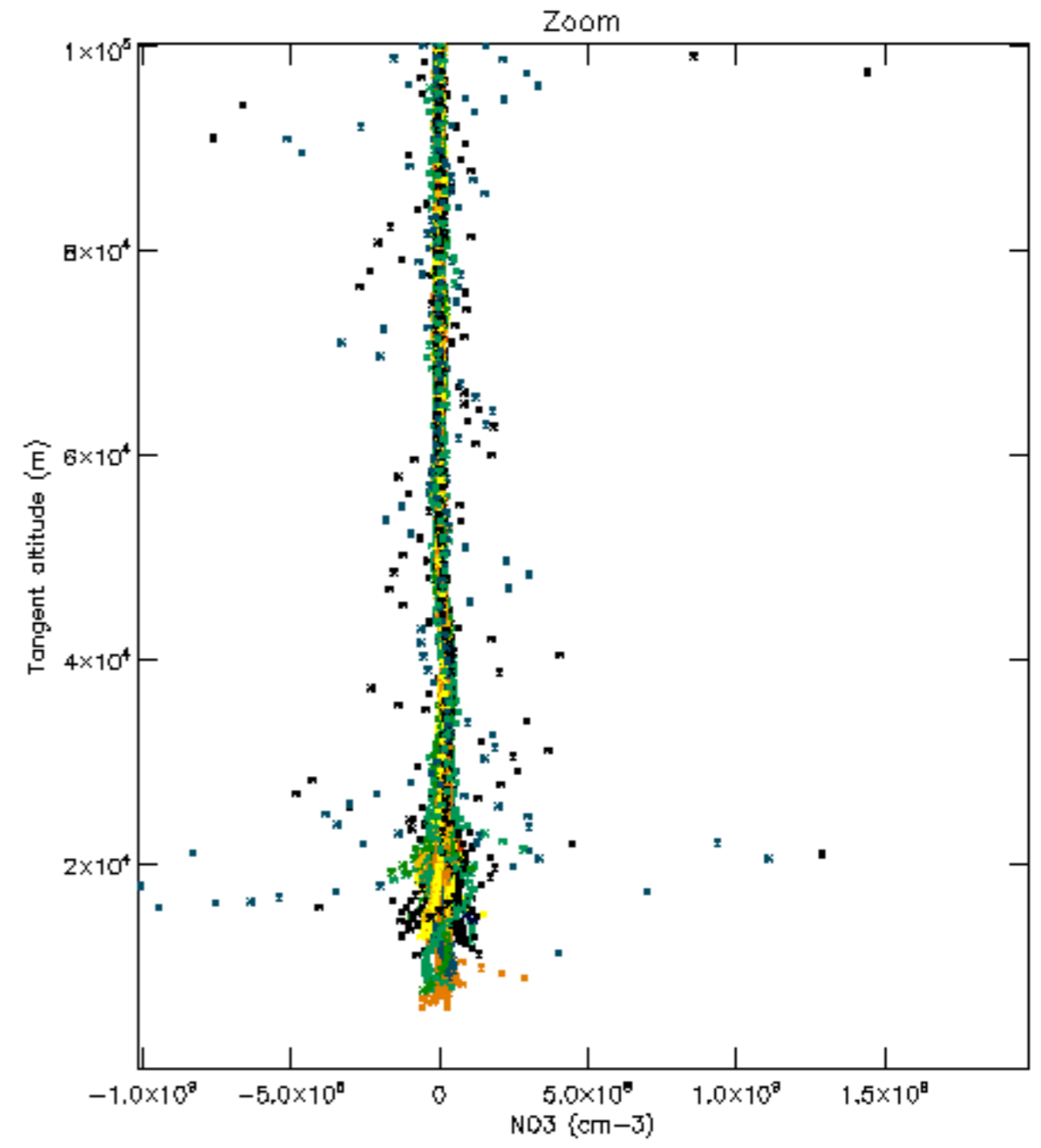
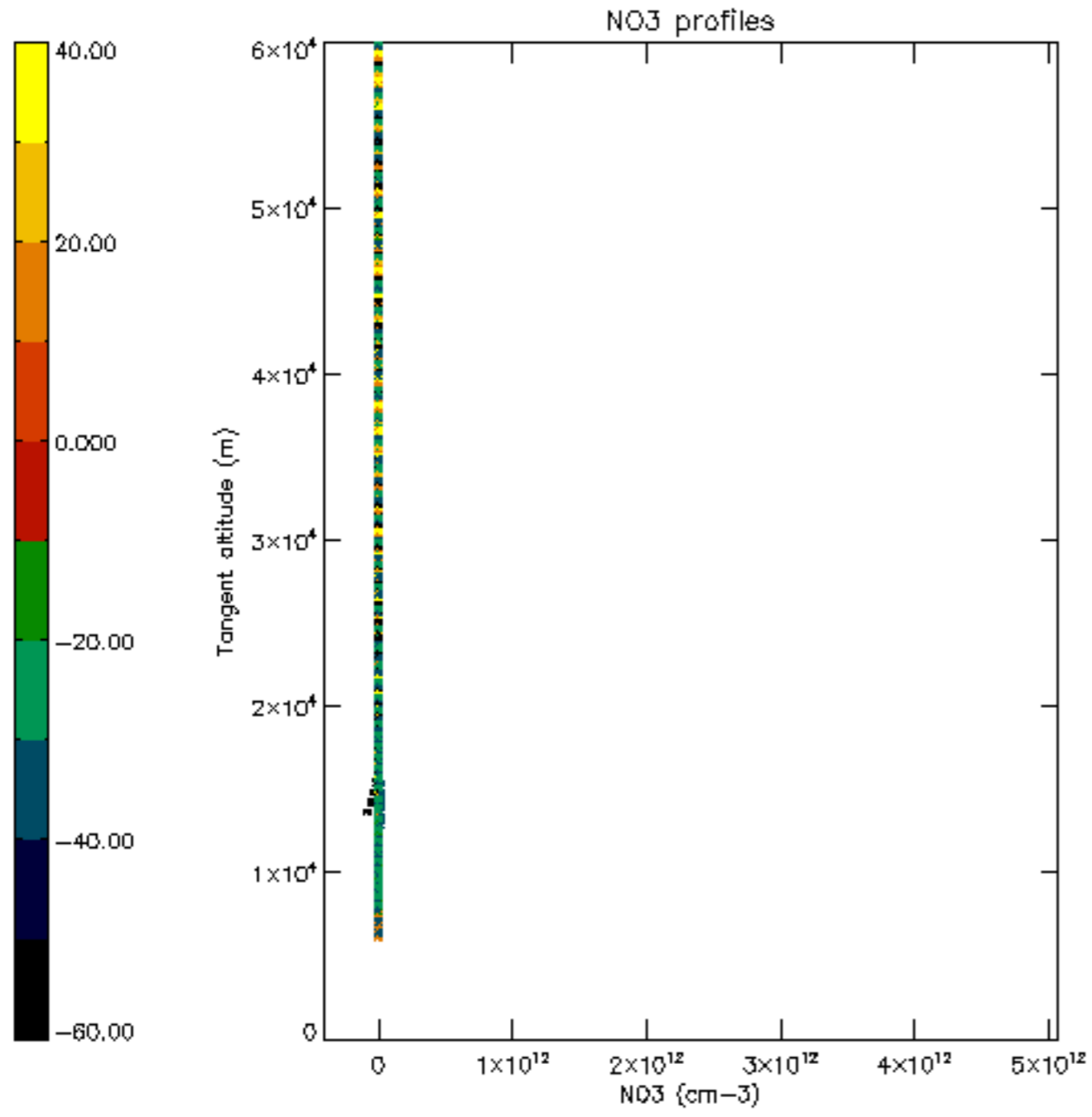


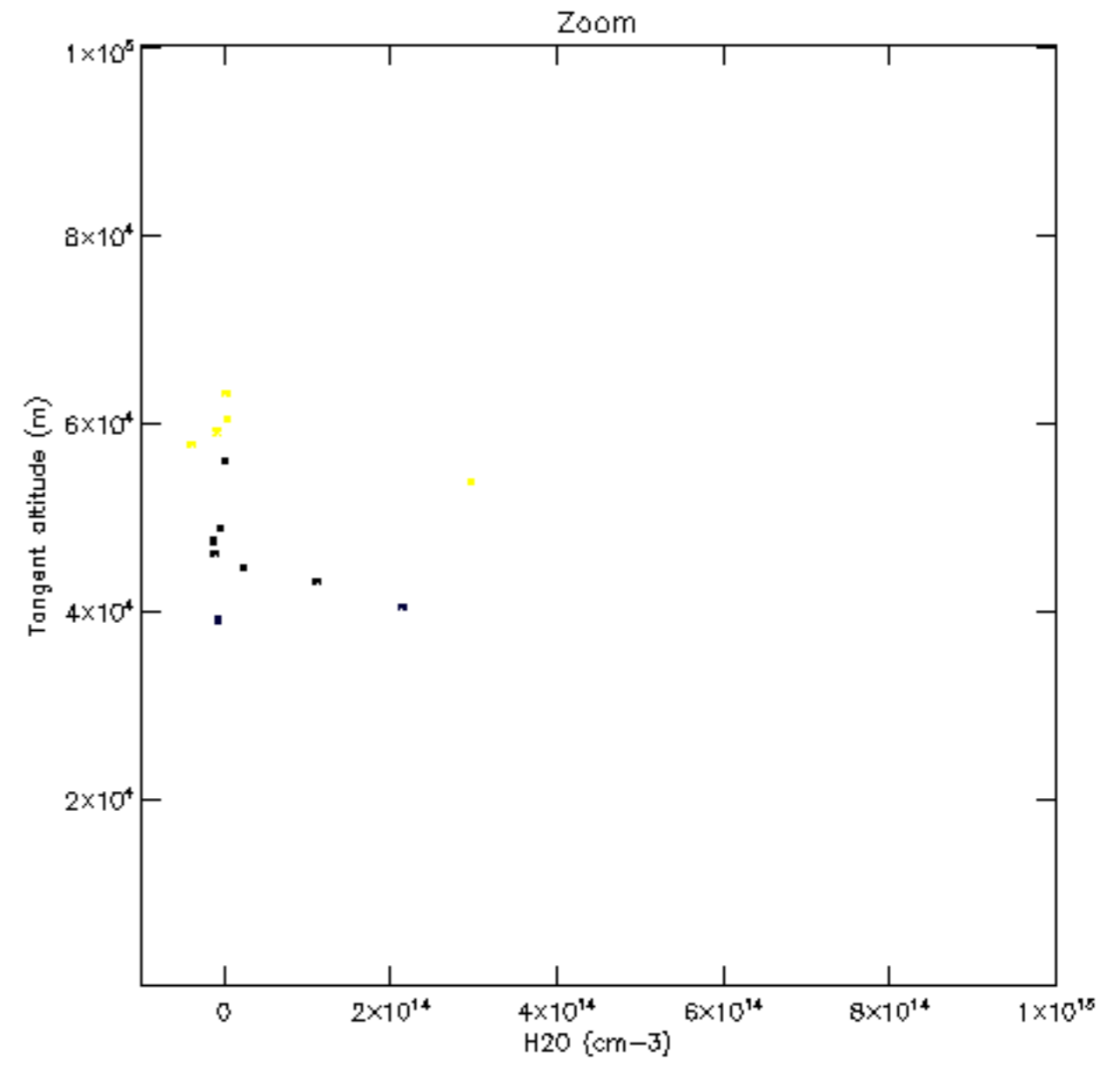
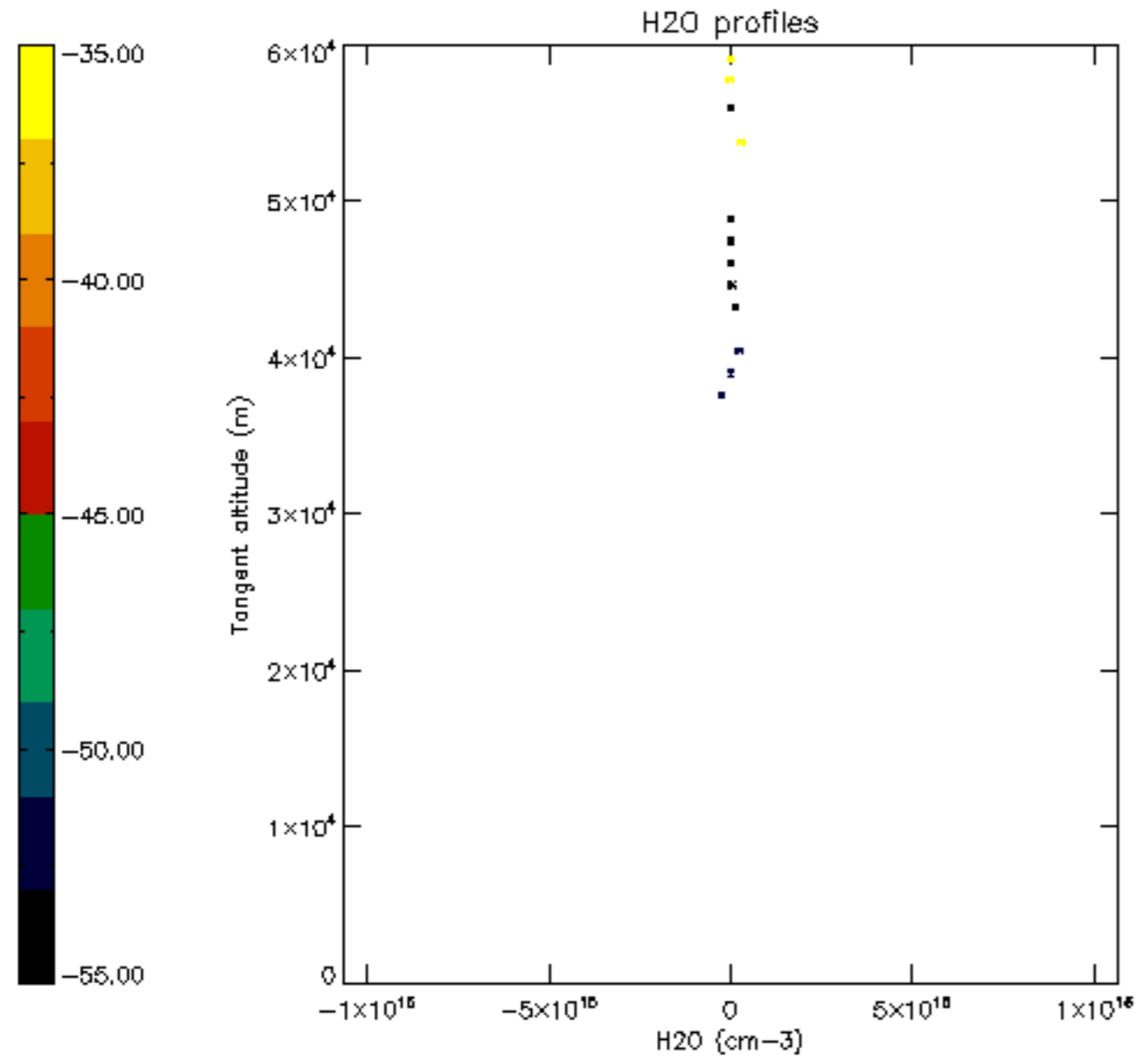


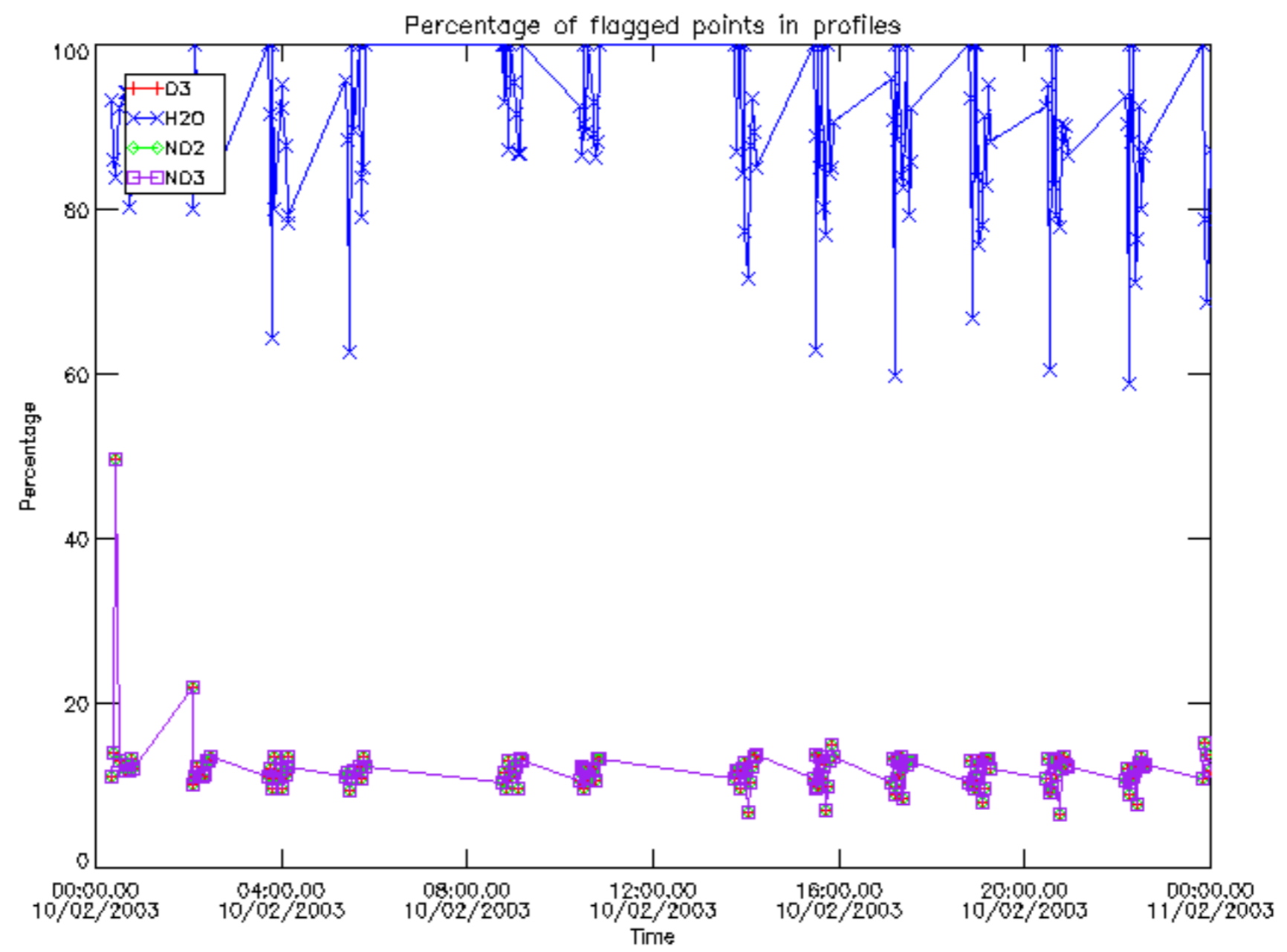






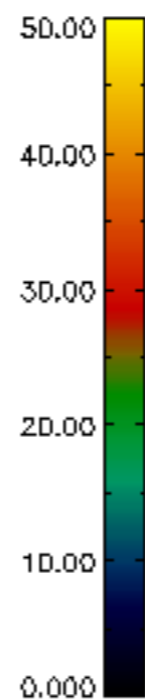
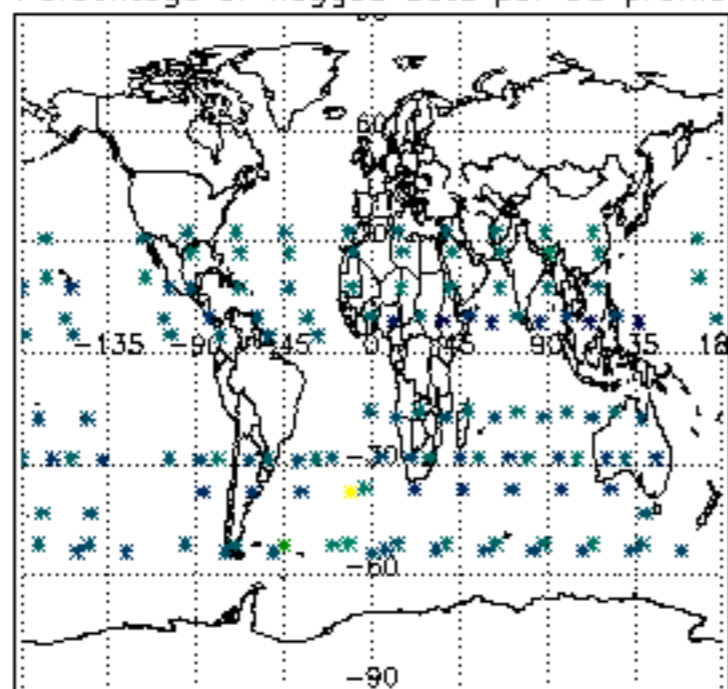




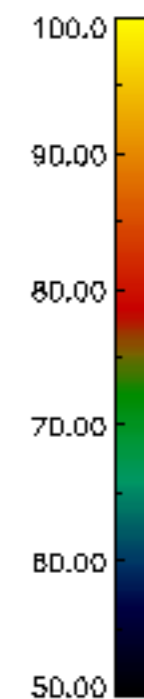
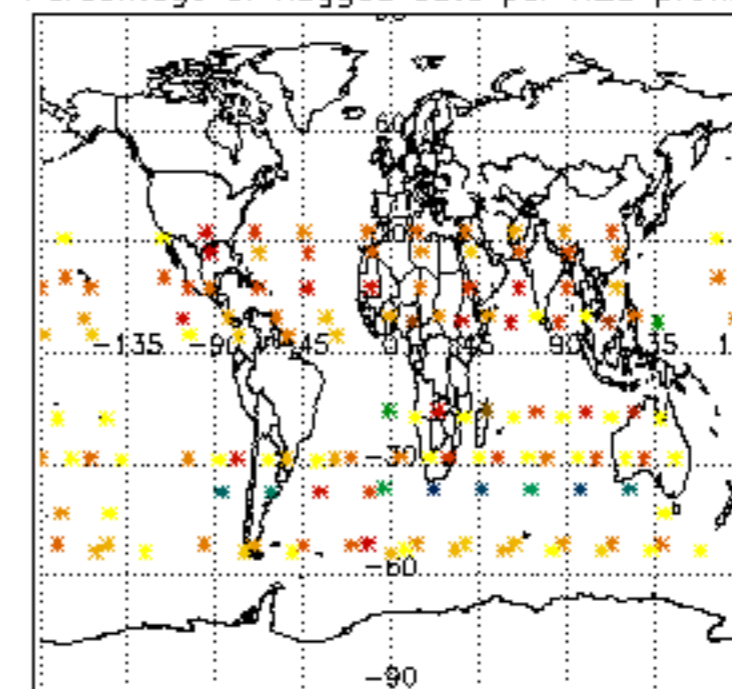




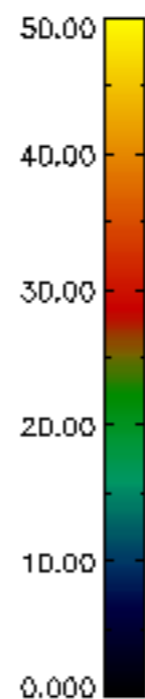
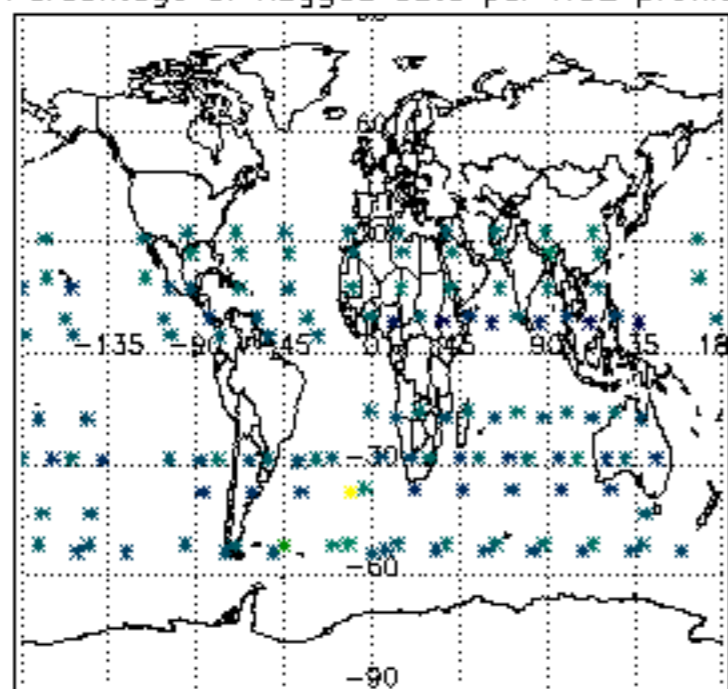
Percentage of flagged data per D3 profile



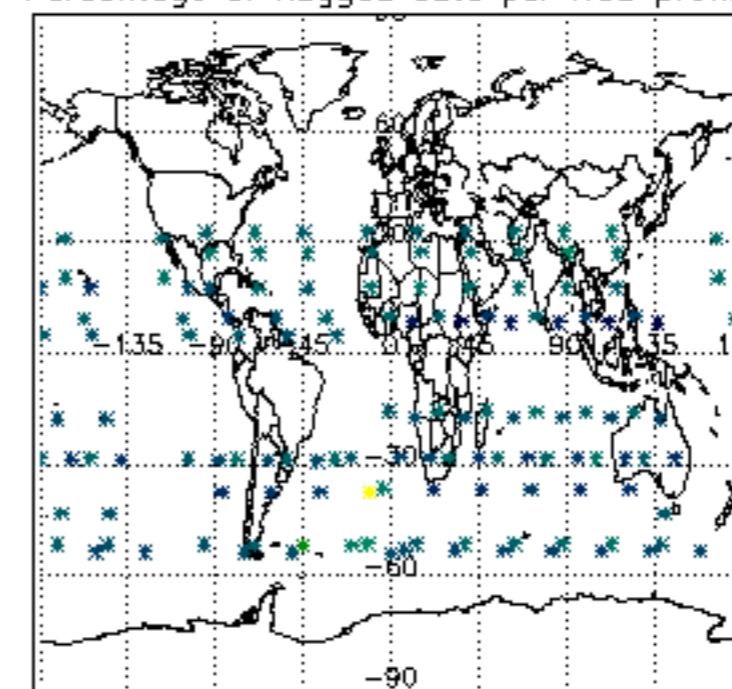
Percentage of flagged data per H2O profile

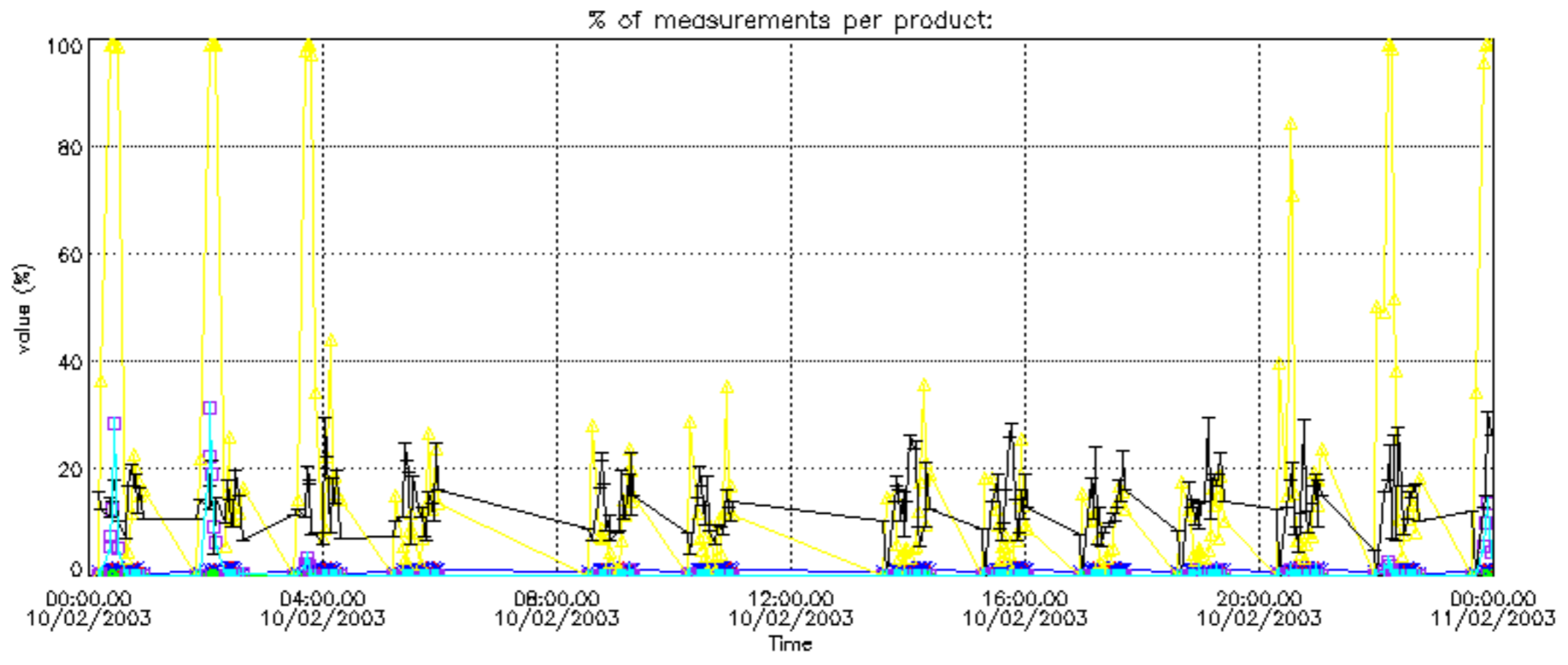


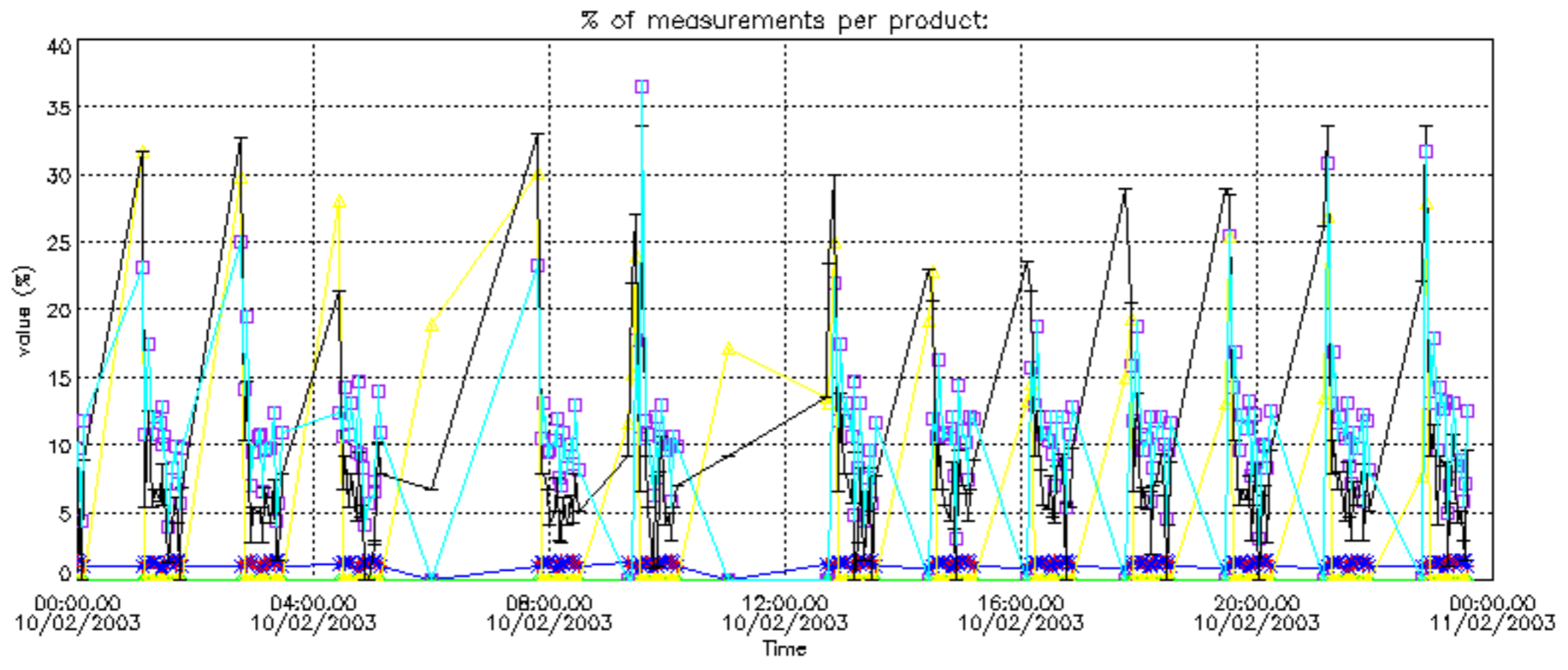
Percentage of flagged data per NO2 profile



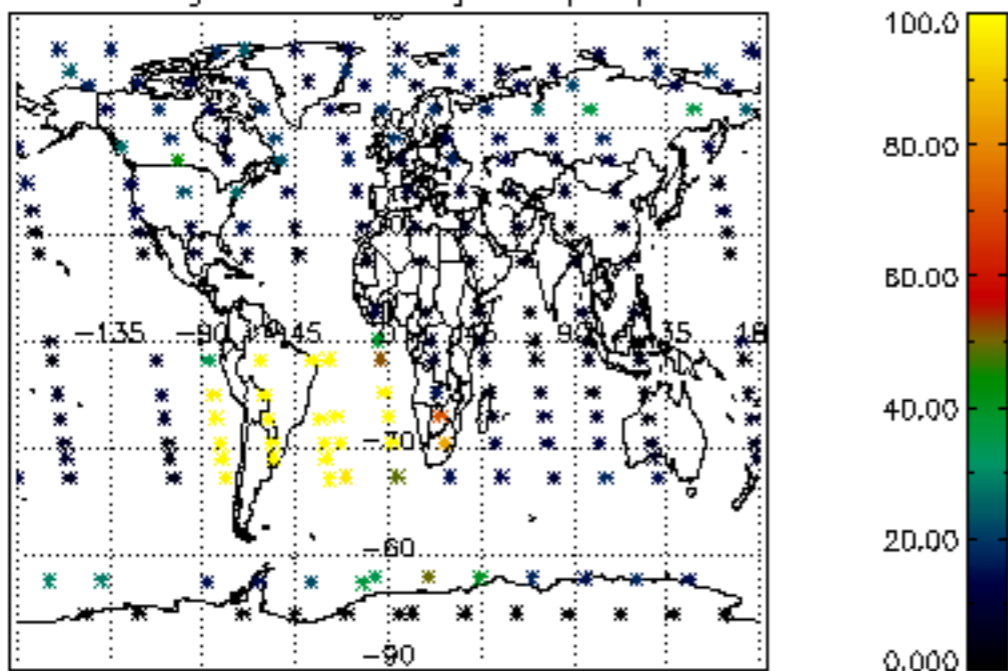
Percentage of flagged data per NO3 profile



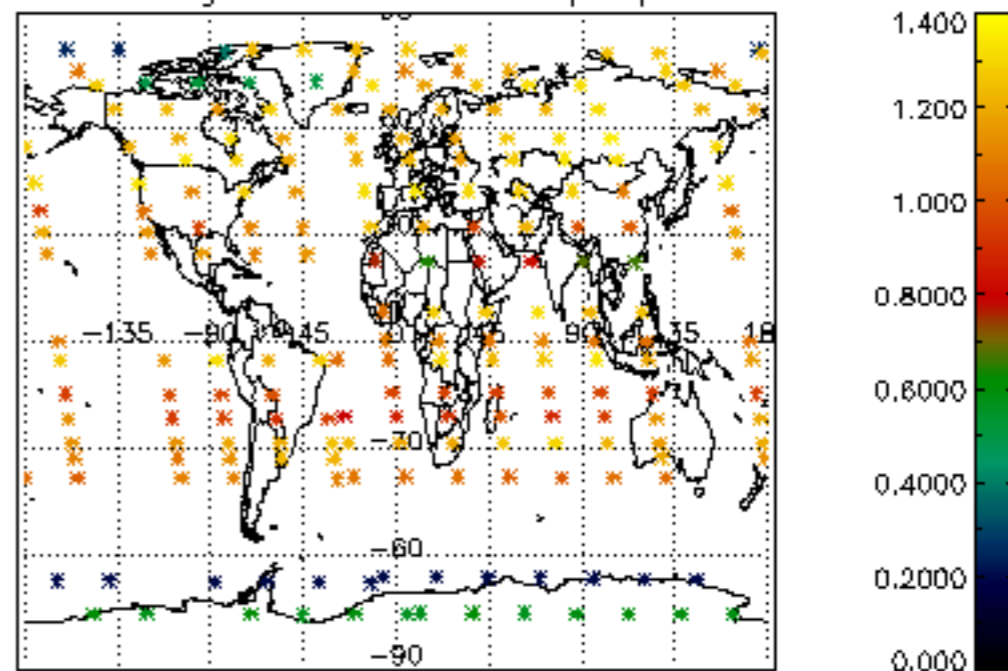




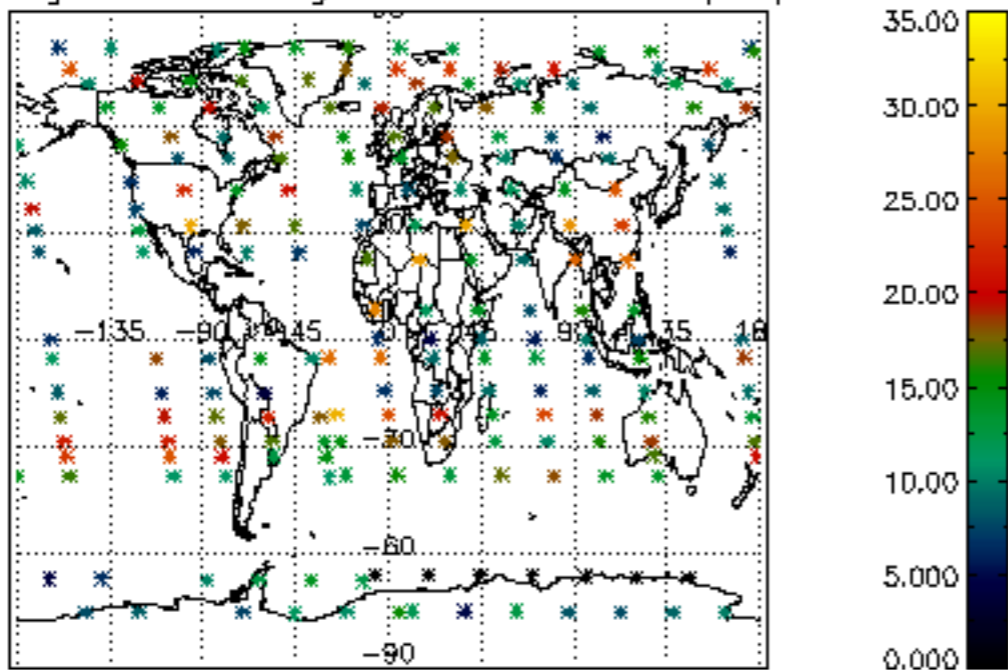
Percentage of cosmic ray hits per profile



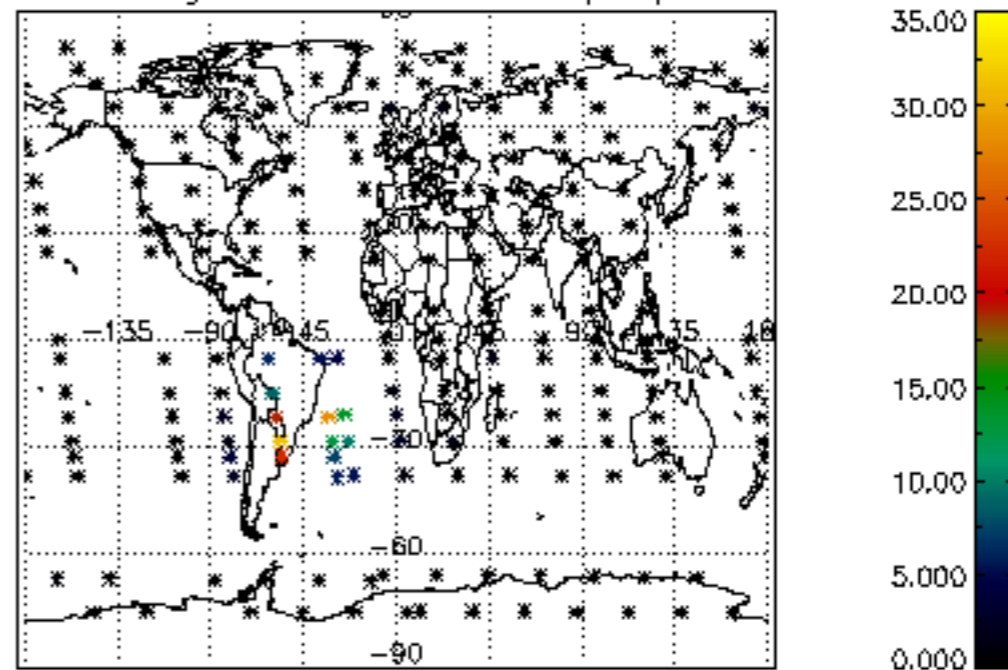
Percentage of datation errors per profile



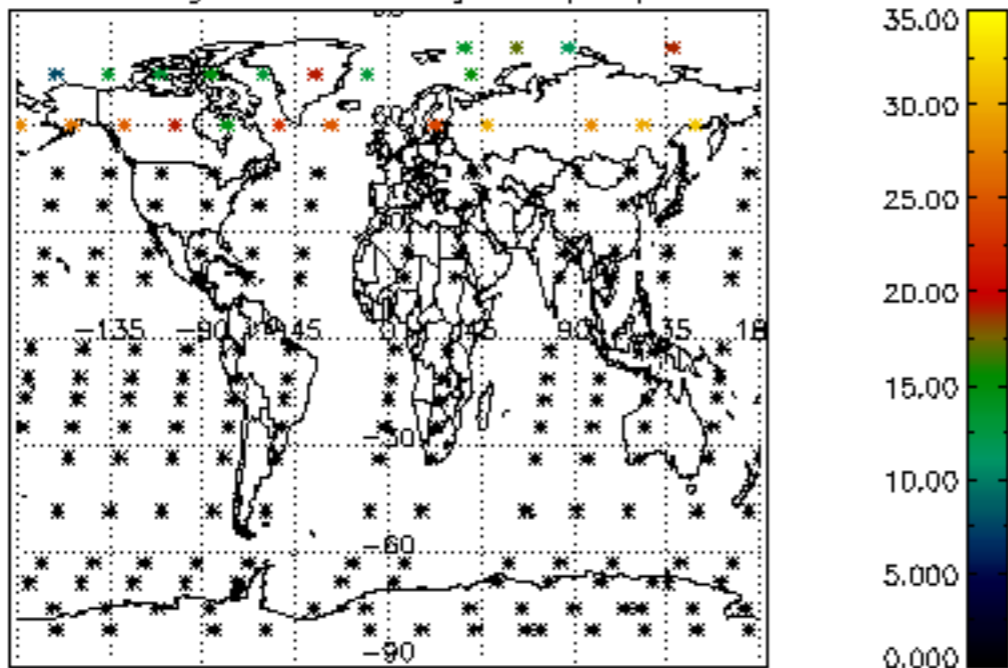
Percentage of star falling outside central band per profile



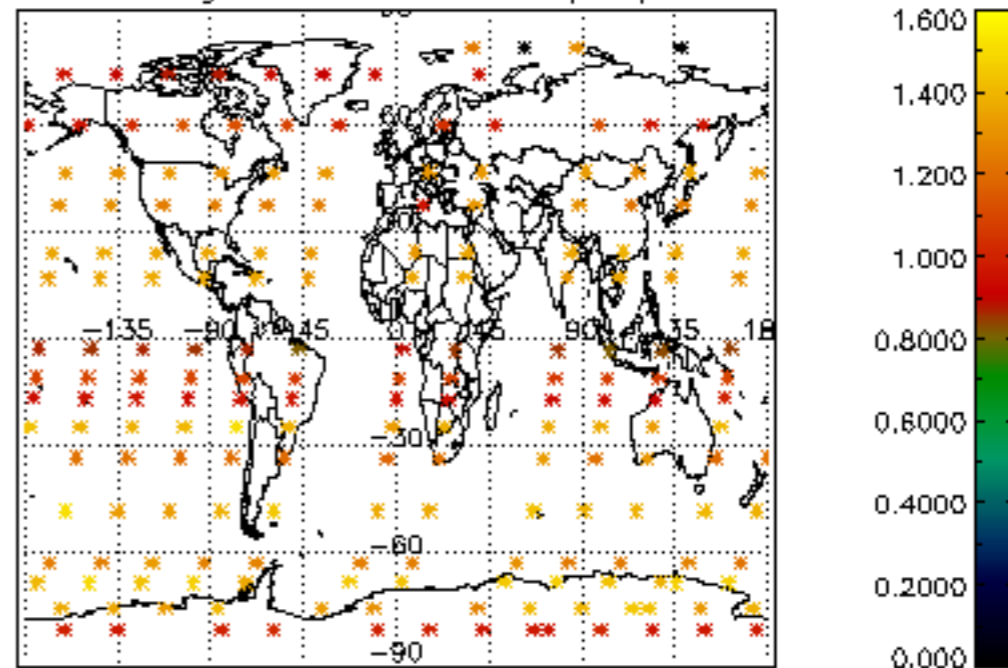
Percentage of saturation errors per profile



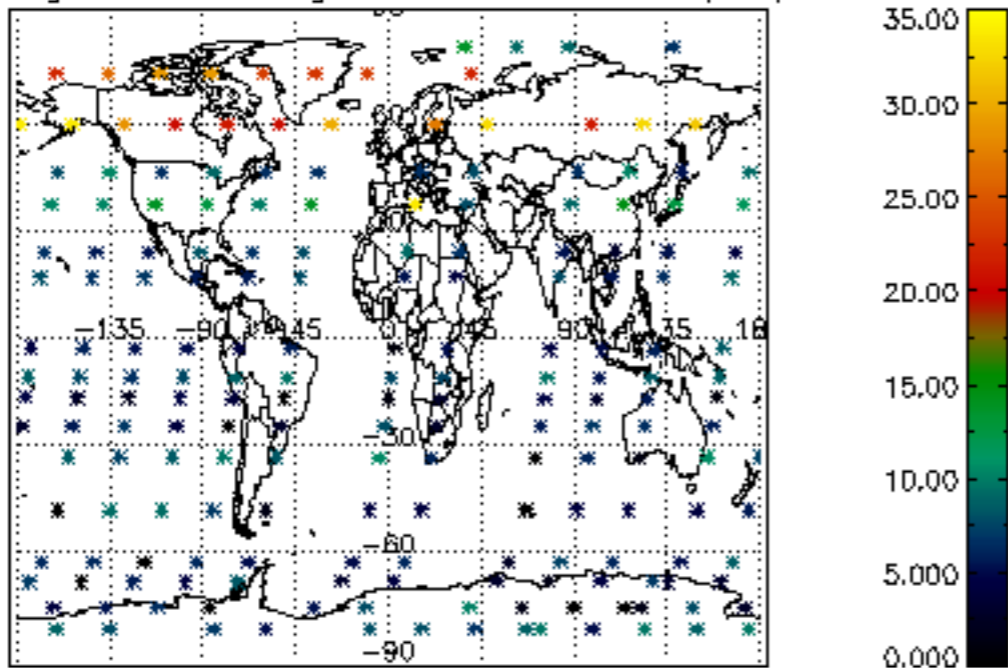
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

