

# 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	23APR2013 14:55:42
Data source version	GOMOS/6.01
Start time of products	21-12-2007 (21DEC2007 00:00:00)
Stop time of products	22-12-2007 (22DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	348
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__2PRFIN20071221_000239_000000342064_00245_30359_0151.N1	21-DEC-2007 00:02:39	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30359	No
2	GOM_NL__2PRFIN20071221_000719_000000372064_00245_30359_0152.N1	21-DEC-2007 00:07:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	30359	No
3	GOM_NL__2PRFIN20071221_001044_000000342064_00245_30359_0153.N1	21-DEC-2007 00:10:44	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	30359	No
4	GOM_NL__2PRFIN20071221_001800_000000362064_00245_30359_0154.N1	21-DEC-2007 00:18:00	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30359	No
5	GOM_NL__2PRFIN20071221_002119_000000372064_00245_30359_0155.N1	21-DEC-2007 00:21:19	Bright	36.500	83		2.3780	11000.	73	30359	No
6	GOM_NL__2PRFIN20071221_002408_000000402064_00245_30359_0156.N1	21-DEC-2007 00:24:08	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	30359	No
7	GOM_NL__2PRFIN20071221_003331_000000372064_00245_30359_0157.N1	21-DEC-2007 00:33:31	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	30359	No
8	GOM_NL__2PRFIN20071221_004003_000000462064_00245_30359_0158.N1	21-DEC-2007 00:40:03	Dark	46.000	54	5The Cen	2.0550	4500.0	92	30359	No
9	GOM_NL__2PRFIN20071221_004301_000000372064_00245_30359_0159.N1	21-DEC-2007 00:43:01	Dark	37.000	95	Zet Cen	2.5450	26000.	74	30359	No
10	GOM_NL__2PRFIN20071221_004555_000000422064_00245_30359_0160.N1	21-DEC-2007 00:45:55	Dark	41.500	64	Gam Cen	2.2000	10600.	83	30359	No
11	GOM_NL__2PRFIN20071221_004842_000000412064_00246_30360_0168.N1	21-DEC-2007 00:48:42	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30360	No
12	GOM_NL__2PRFIN20071221_005157_000000392064_00246_30360_0169.N1	21-DEC-2007 00:51:57	Dark	39.000	124	The Car	2.7640	30000.	78	30360	No
13	GOM_NL__2PRFIN20071221_005340_000000392064_00246_30360_0170.N1	21-DEC-2007 00:53:40	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30360	No
14	GOM_NL__2PRFIN20071221_005509_000000422064_00246_30360_0171.N1	21-DEC-2007 00:55:09	Dark	42.000	71	Iot Car	2.2460	7700.0	84	30360	No
15	GOM_NL__2PRFIN20071221_010141_000000472064_00246_30360_0172.N1	21-DEC-2007 01:01:41	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	30360	No
16	GOM_NL__2PRFIN20071221_010736_000000422064_00246_30360_0173.N1	21-DEC-2007 01:07:36	Straylight	41.500	108	Alp Col	2.6520	15200.	83	30360	No
17	GOM_NL__2PRFIN20071221_011226_000000432064_00246_30360_0174.N1	21-DEC-2007 01:12:26	Straylight	42.500	101	11Alp Lep	2.5820	7000.0	85	30360	No
18	GOM_NL__2PRFIN20071221_011526_000000502064_00246_30360_0175.N1	21-DEC-2007 01:15:26	Straylight	50.000	7	19Bet Ori	0.10000	14000.	100	30360	No
19	GOM_NL__2PRFIN20071221_011733_000000462064_00246_30360_0176.N1	21-DEC-2007 01:17:33	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	30360	No
20	GOM_NL__2PRFIN20071221_011950_000000472064_00246_30360_0177.N1	21-DEC-2007 01:19:50	Twilight	47.000	27	24Gam Ori	1.6360	26000.	94	30360	No
21	GOM_NL__2PRFIN20071221_012241_000000502064_00246_30360_0178.N1	21-DEC-2007 01:22:41	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	30360	No
22	GOM_NL__2PRFIN20071221_012707_000000352064_00246_30360_0179.N1	21-DEC-2007 01:27:07	Bright	35.000	150	44Zet Per	2.8900	28000.	70	30360	No
23	GOM_NL__2PRFIN20071221_012922_000000352064_00246_30360_0180.N1	21-DEC-2007 01:29:22	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30360	No
24	GOM_NL__2PRFIN20071221_013135_000000352064_00246_30360_0181.N1	21-DEC-2007 01:31:35	Bright	35.000	175	39Del Per	3.0100	19400.	70	30360	No
25	GOM_NL__2PRFIN20071221_014314_000000342064_00246_30360_0182.N1	21-DEC-2007 01:43:14	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30360	No
26	GOM_NL__2PRFIN20071221_014755_000000372064_00246_30360_0183.N1	21-DEC-2007 01:47:55	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30360	No
27	GOM_NL__2PRFIN20071221_015120_000000362064_00246_30360_0184.N1	21-DEC-2007 01:51:20	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	30360	No
28	GOM_NL__2PRFIN20071221_015836_000000562064_00246_30360_0185.N1	21-DEC-2007 01:58:36	Bright	56.000	180	27Gam Boo	3.0400	8000.0	112	30360	No
29	GOM_NL__2PRFIN20071221_020155_000000552064_00246_30360_0186.N1	21-DEC-2007 02:01:55	Bright	55.000	83		2.3780	11000.	110	30360	No
30	GOM_NL__2PRFIN20071221_020444_000000392064_00246_30360_0187.N1	21-DEC-2007 02:04:44	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	30360	No
31	GOM_NL__2PRFIN20071221_021407_000000372064_00246_30360_0188.N1	21-DEC-2007 02:14:07	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	30360	No
32	GOM_NL__2PRFIN20071221_022039_000000482064_00246_30360_0189.N1	21-DEC-2007 02:20:39	Dark	47.500	54	5The Cen	2.0550	4500.0	95	30360	No
33	GOM_NL__2PRFIN20071221_022337_000000382064_00246_30360_0190.N1	21-DEC-2007 02:23:37	Dark	38.000	95	Zet Cen	2.5450	26000.	76	30360	No
34	GOM_NL__2PRFIN20071221_022632_000000422064_00246_30360_0191.N1	21-DEC-2007 02:26:32	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30360	No
35	GOM_NL__2PRFIN20071221_022919_000000422064_00247_30361_0188.N1	21-DEC-2007 02:29:19	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	30361	No
36	GOM_NL__2PRFIN20071221_023233_000000382064_00247_30361_0189.N1	21-DEC-2007 02:32:33	Dark	38.000	124	The Car	2.7640	30000.	76	30361	No
37	GOM_NL__2PRFIN20071221_023417_000000392064_00247_30361_0190.N1	21-DEC-2007 02:34:17	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30361	No
38	GOM_NL__2PRFIN20071221_023545_000000412064_00247_30361_0191.N1	21-DEC-2007 02:35:45	Dark	40.500	71	Iot Car	2.2460	7700.0	81	30361	No
39	GOM_NL__2PRFIN20071221_024217_000000512064_00247_30361_0192.N1	21-DEC-2007 02:42:17	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	30361	No
40	GOM_NL__2PRFIN20071221_024812_000000402064_00247_30361_0193.N1	21-DEC-2007 02:48:12	Straylight	40.000	108	Alp Col	2.6520	15200.	80	30361	No
41	GOM_NL__2PRFIN20071221_025303_000000452064_00247_30361_0194.N1	21-DEC-2007 02:53:03	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	30361	No
42	GOM_NL__2PRFIN20071221_025602_000000532064_00247_30361_0195.N1	21-DEC-2007 02:56:02	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	30361	No









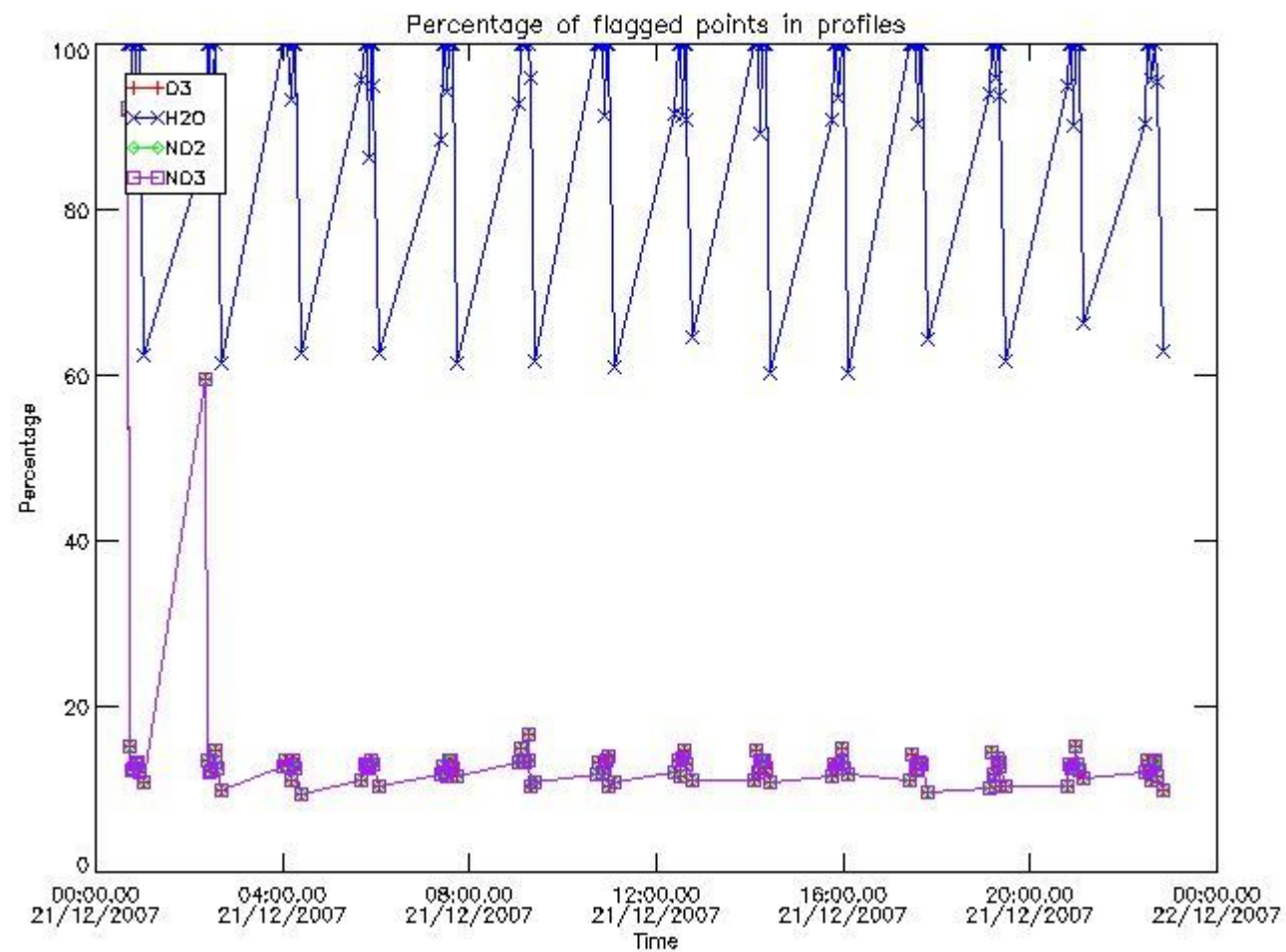


338	GOM_NL__2PRFIN20071221_230736_000000442064_00259_30373_0394.N1	21-DEC-2007 23:07:36	Twilight_stray	44.000	27	24Gam Ori	1.6360	26000.	88	30373	No
339	GOM_NL__2PRFIN20071221_231028_000000522064_00259_30373_0395.N1	21-DEC-2007 23:10:28	Twilight_stray	52.000	13	87Alp Tau	0.86700	3800.0	104	30373	No
340	GOM_NL__2PRFIN20071221_231422_000000412064_00259_30373_0396.N1	21-DEC-2007 23:14:22	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	30373	No
341	GOM_NL__2PRFIN20071221_231710_000000342064_00259_30373_0397.N1	21-DEC-2007 23:17:10	Bright	33.500	149	45Eps Per	2.8880	30000.	67	30373	No
342	GOM_NL__2PRFIN20071221_231924_000000332064_00259_30373_0398.N1	21-DEC-2007 23:19:24	Bright	33.000	175	39Del Per	3.0100	19400.	66	30373	No
343	GOM_NL__2PRFIN20071221_233102_000000352064_00259_30373_0399.N1	21-DEC-2007 23:31:02	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30373	No
344	GOM_NL__2PRFIN20071221_233541_000000382064_00259_30373_0400.N1	21-DEC-2007 23:35:41	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30373	No
345	GOM_NL__2PRFIN20071221_233909_000000322064_00259_30373_0401.N1	21-DEC-2007 23:39:09	Bright	31.500	119	14Eta Dra	2.7270	4700.0	63	30373	No
346	GOM_NL__2PRFIN20071221_234624_000000572064_00259_30373_0402.N1	21-DEC-2007 23:46:24	Bright	57.000	180	27Gam Boo	3.0400	8000.0	114	30373	No
347	GOM_NL__2PRFIN20071221_234944_000000562064_00259_30373_0403.N1	21-DEC-2007 23:49:44	Bright	56.000	83		2.3780	11000.	112	30373	No
348	GOM_NL__2PRFIN20071221_235938_000000352064_00259_30373_0404.N1	21-DEC-2007 23:59:38	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	30373	No

### 3. Quality information per product

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

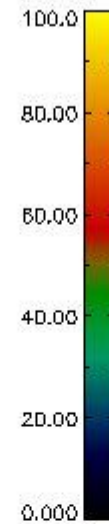
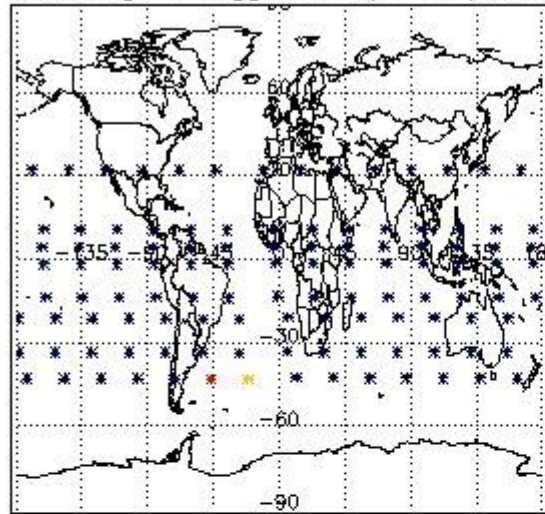
#### 3.1 Plot quality information per product (time dependant)



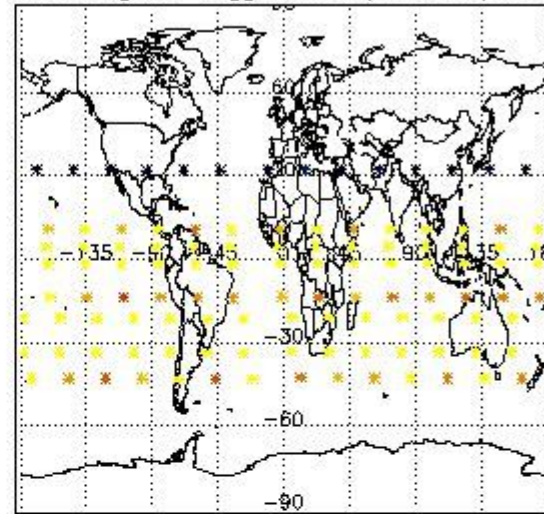
#### 3.2 Plot quality information per product (world map)



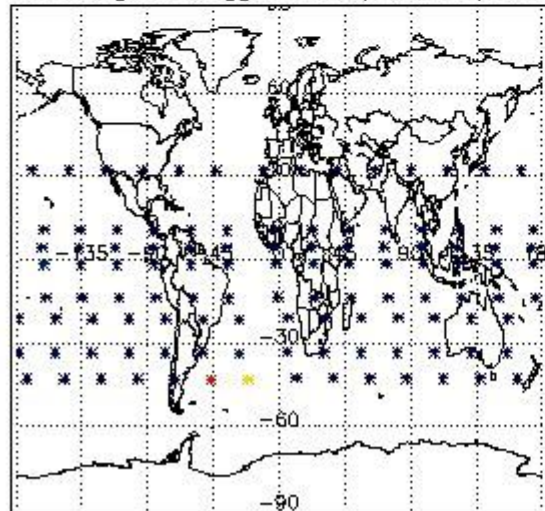
Percentage of flagged data per O3 profile



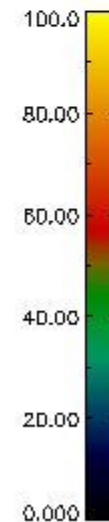
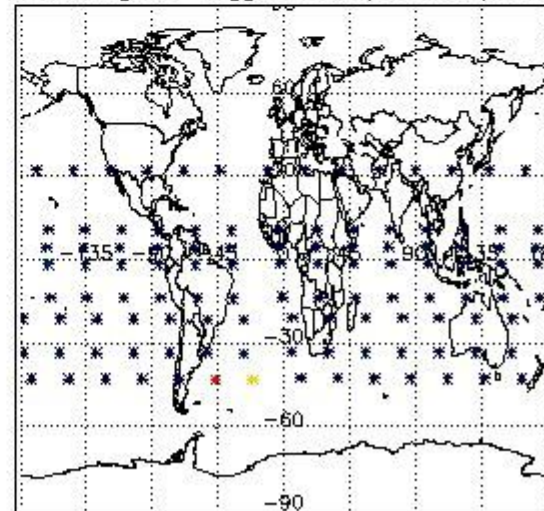
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

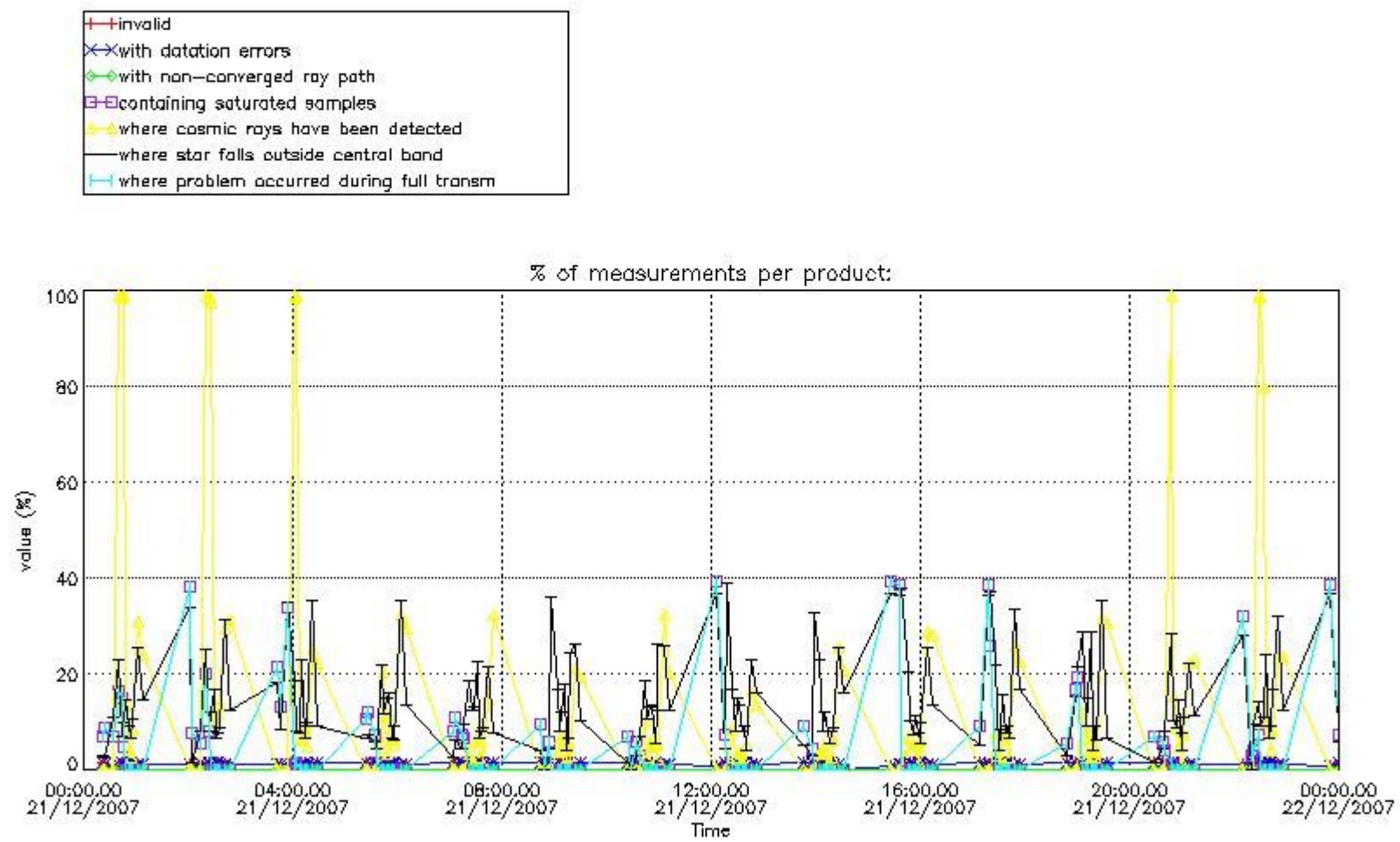


#### 4. Level 1 quality information per product

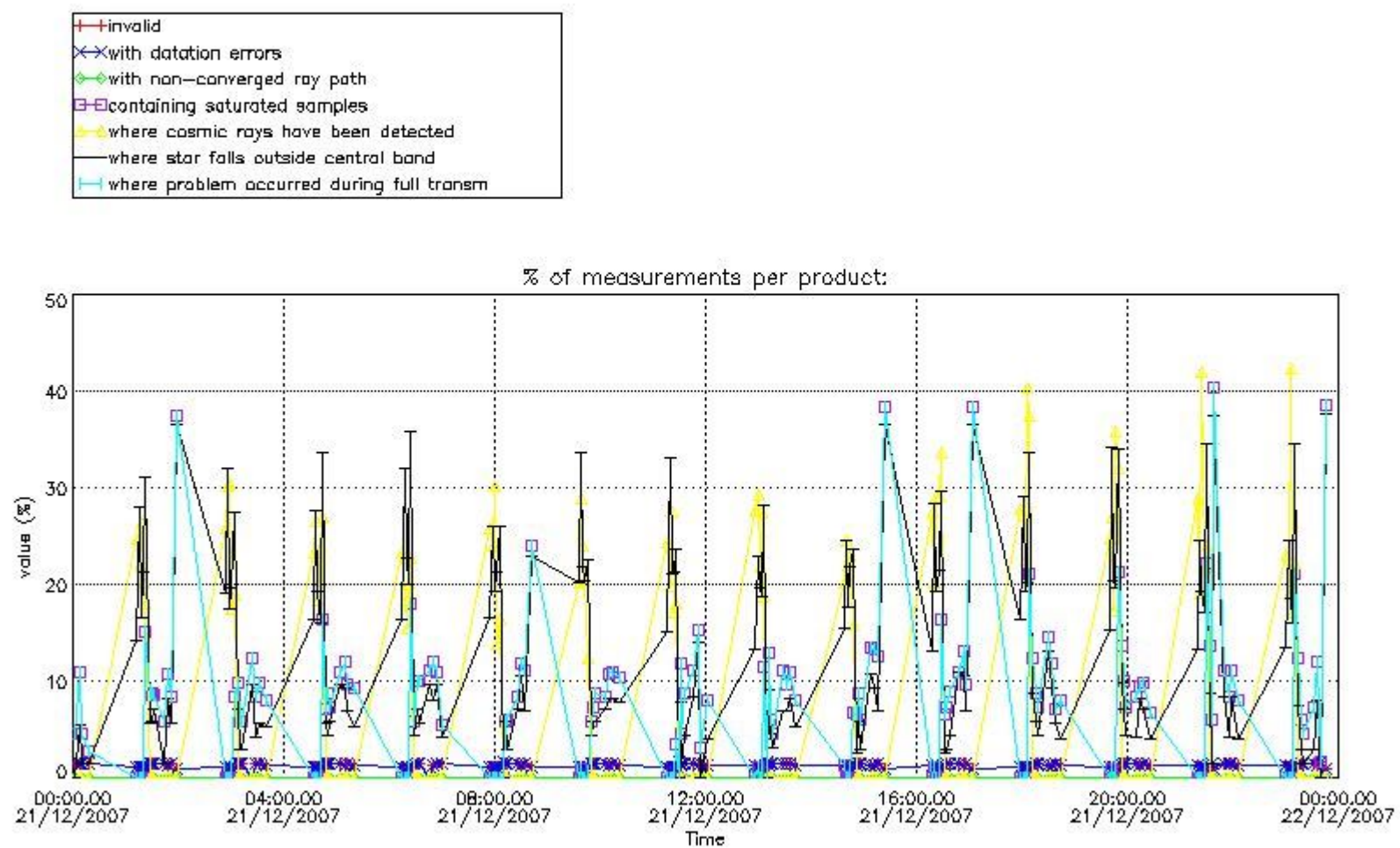
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

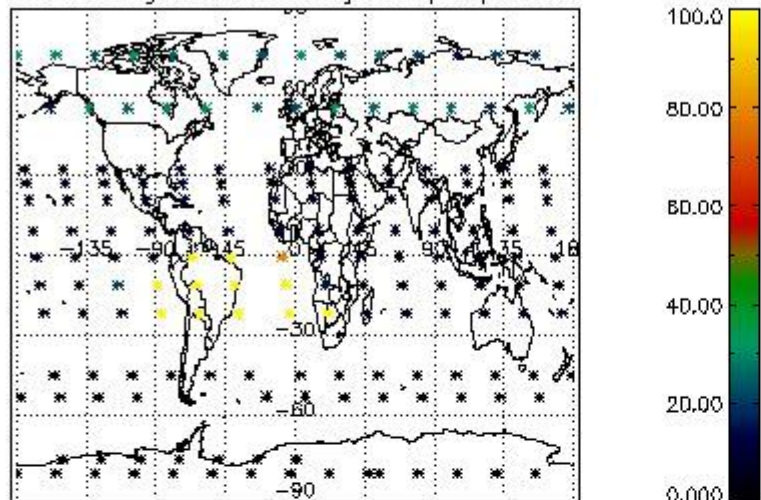


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

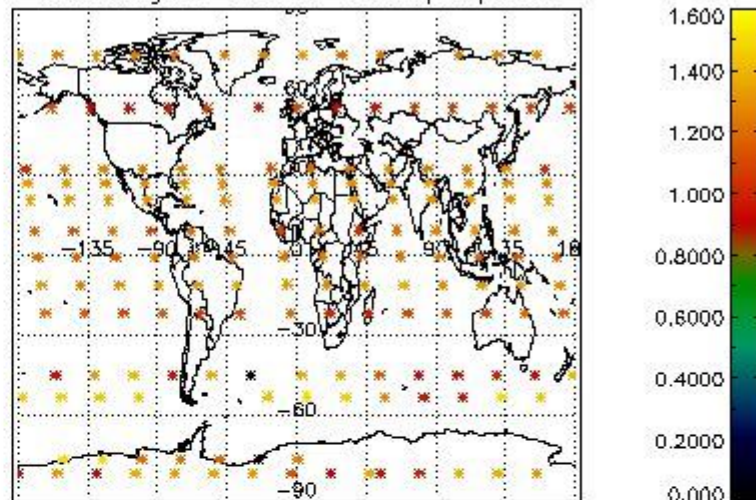


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

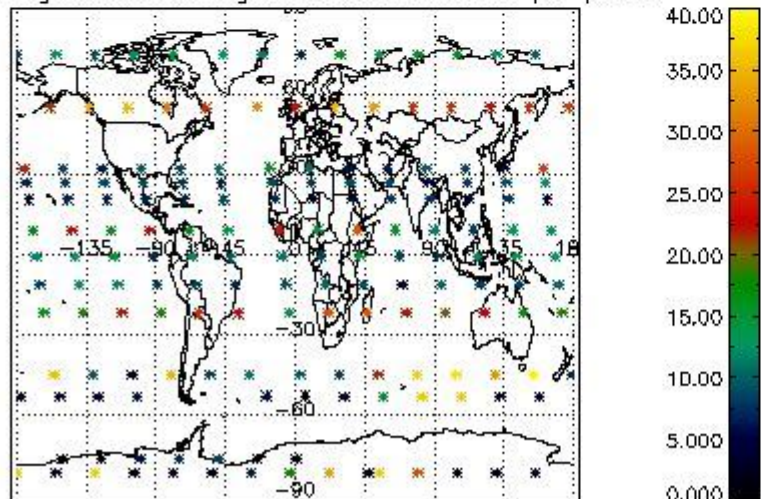
Percentage of cosmic ray hits per profile



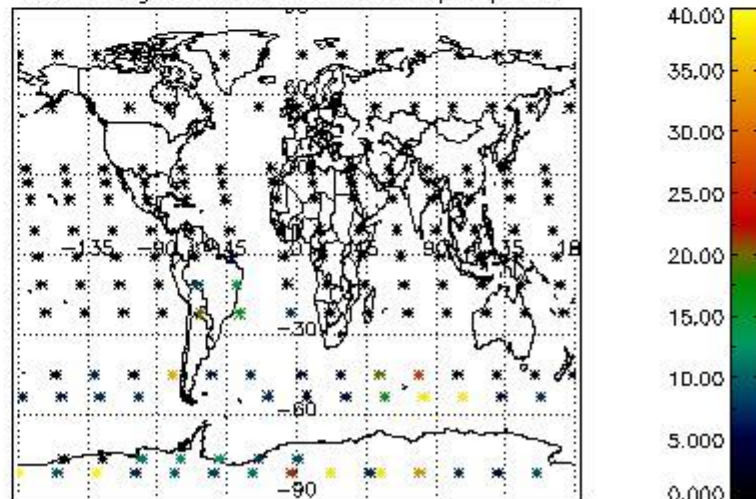
Percentage of datation errors per profile



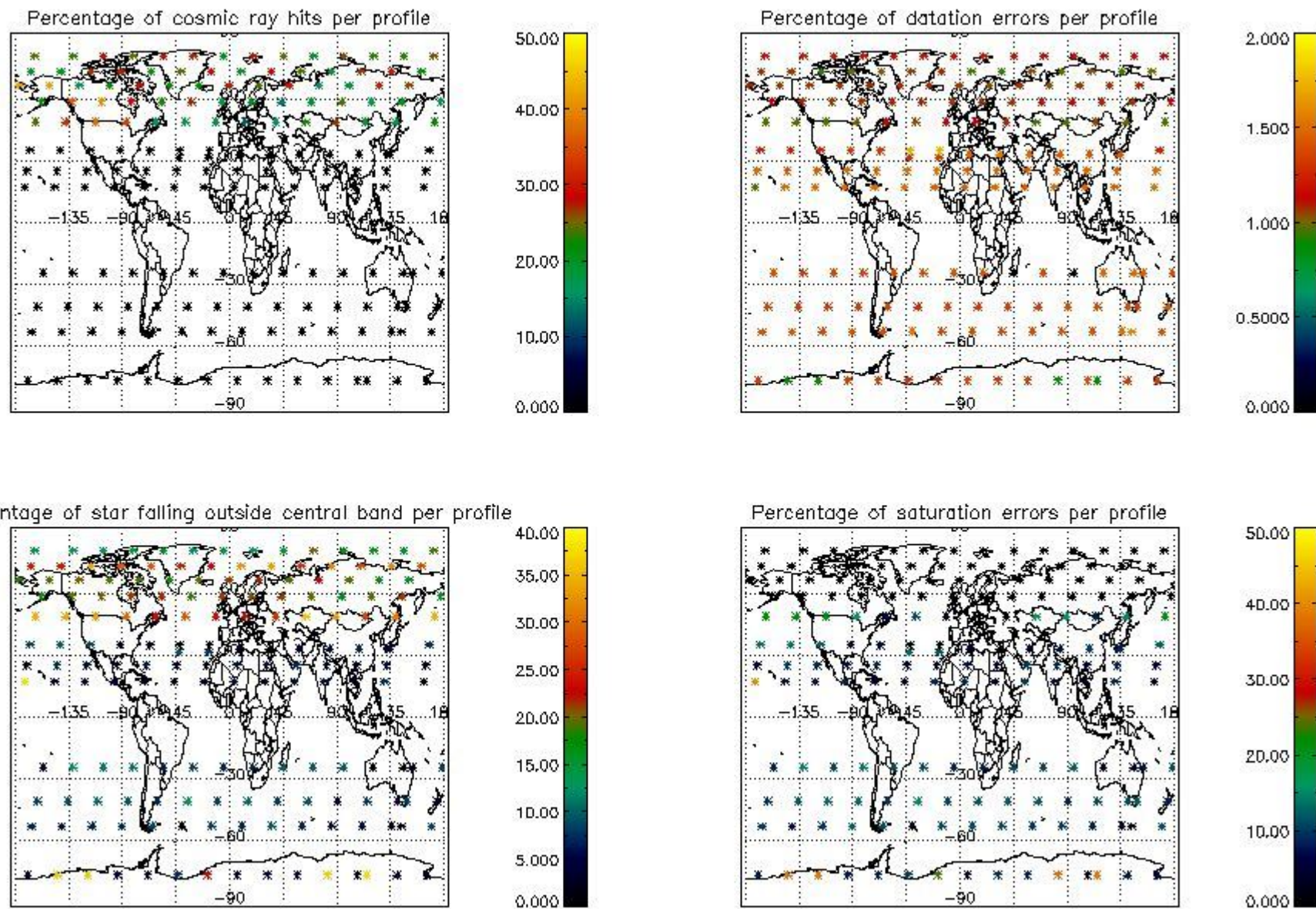
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

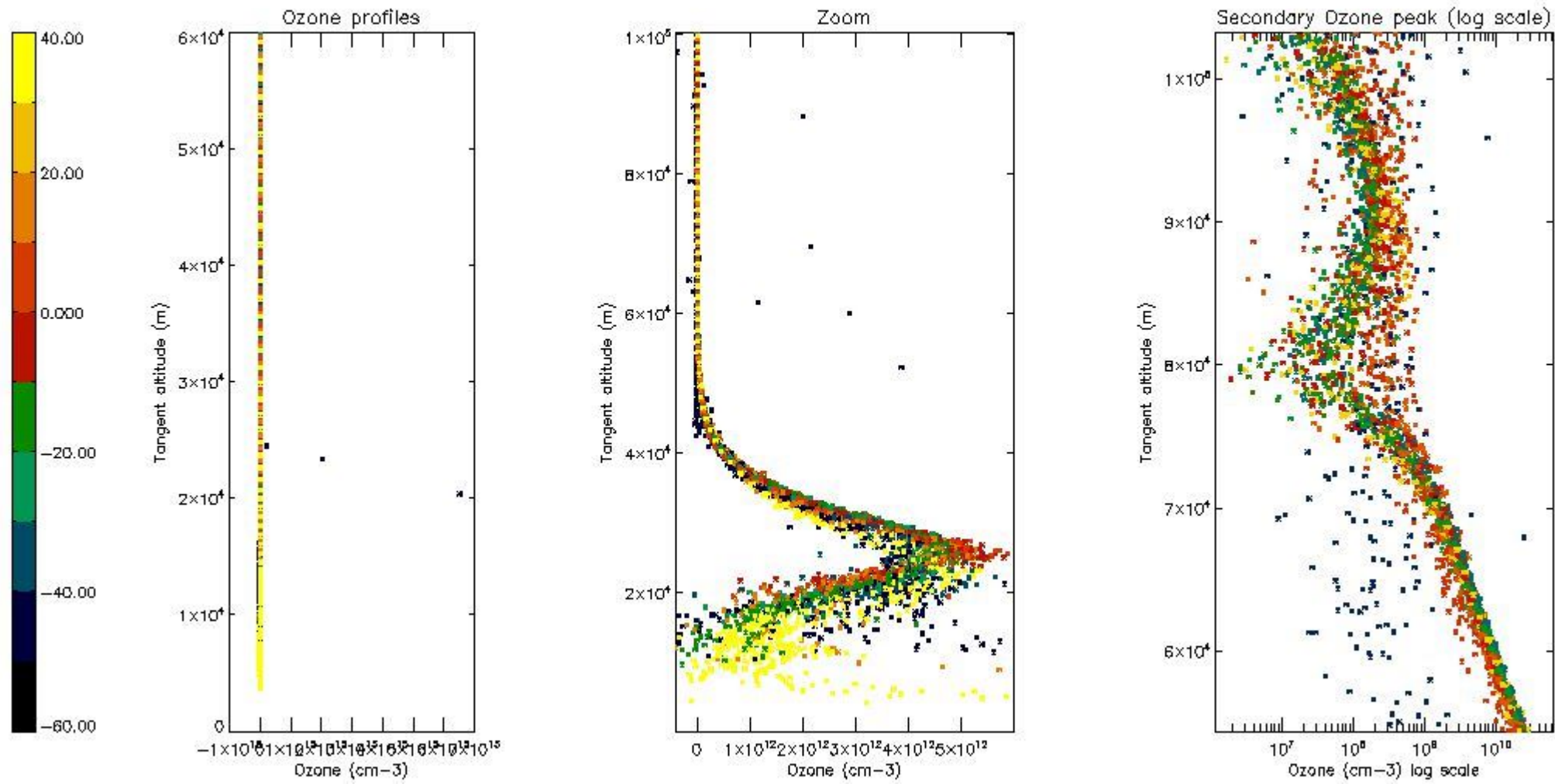
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	13
STD < 5	9

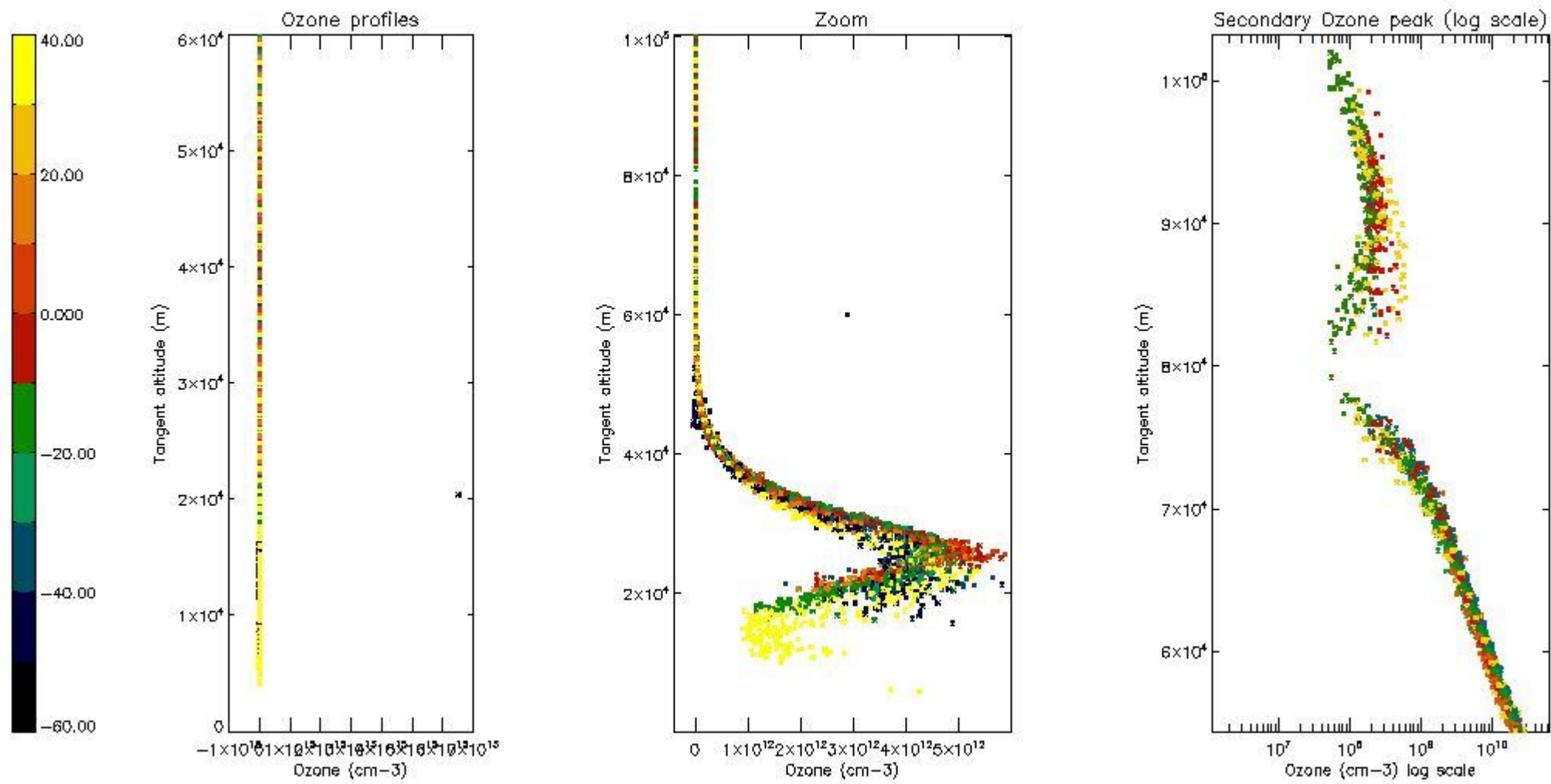
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



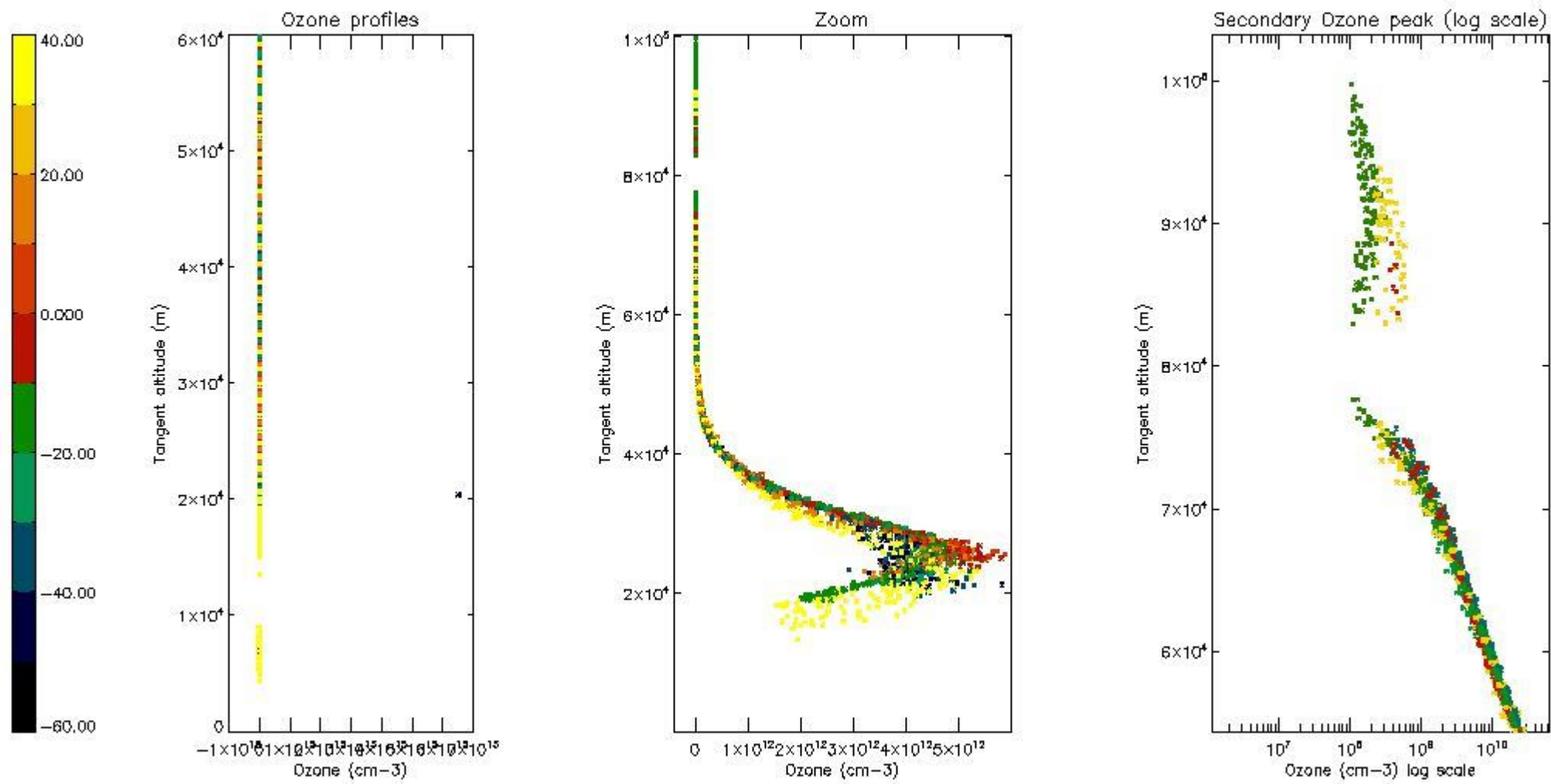
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

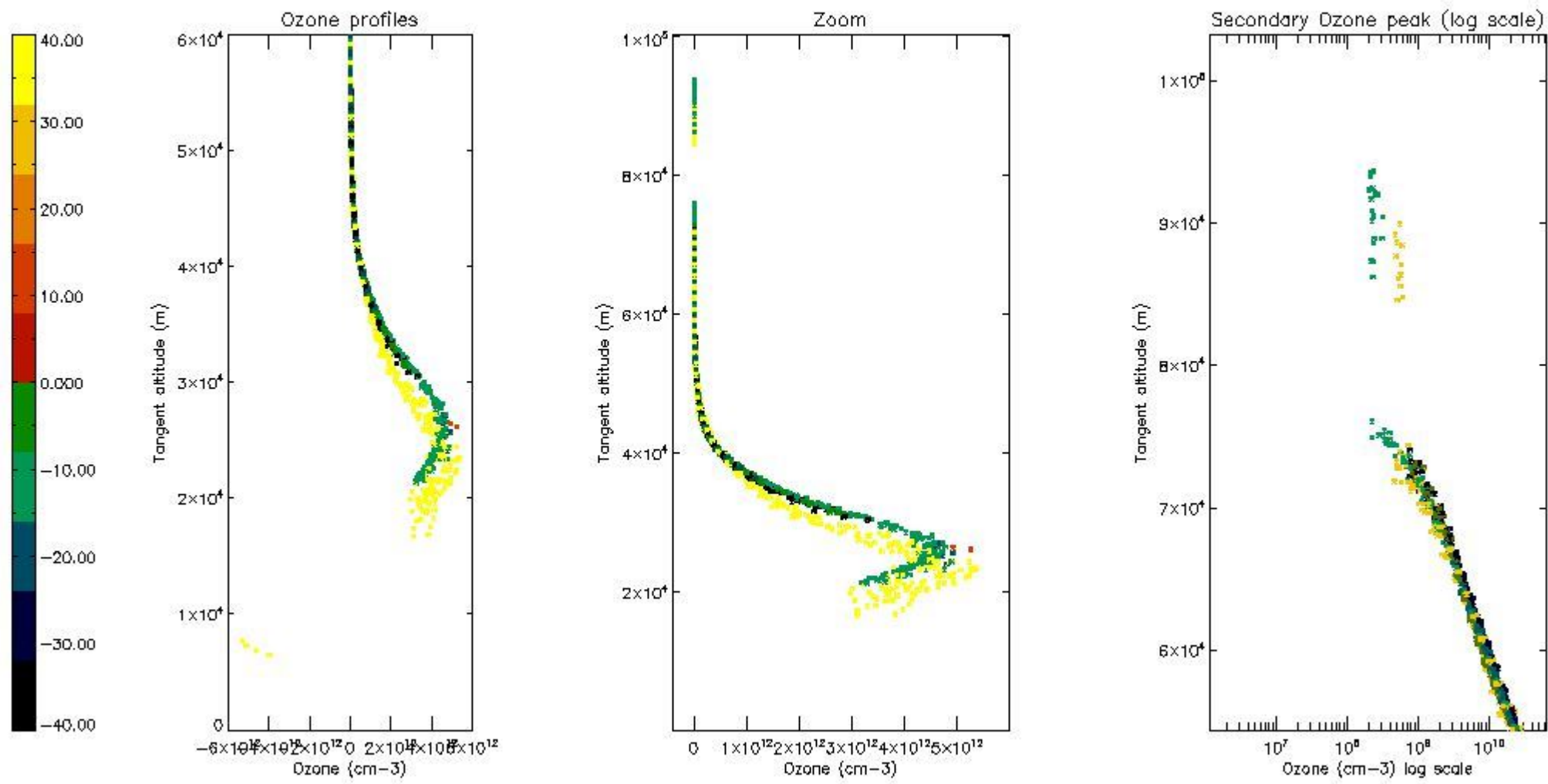
The colorbar represents the latitude.



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

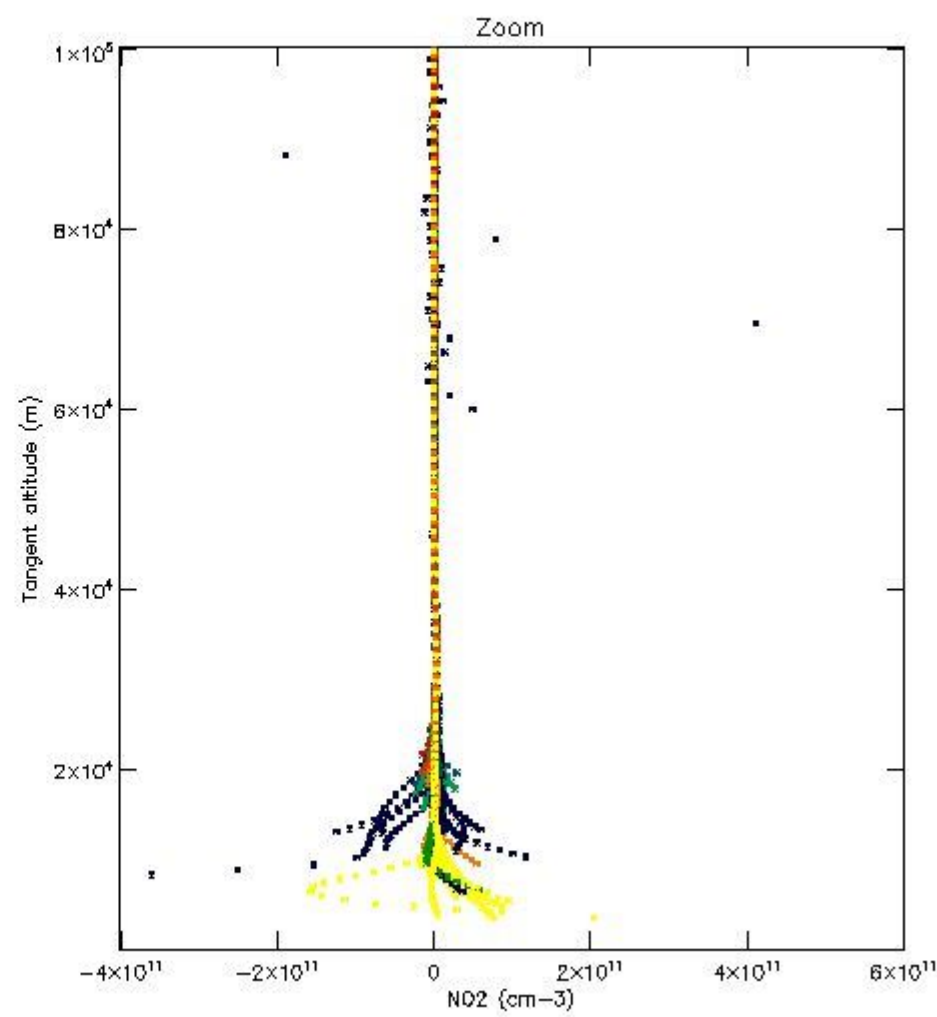
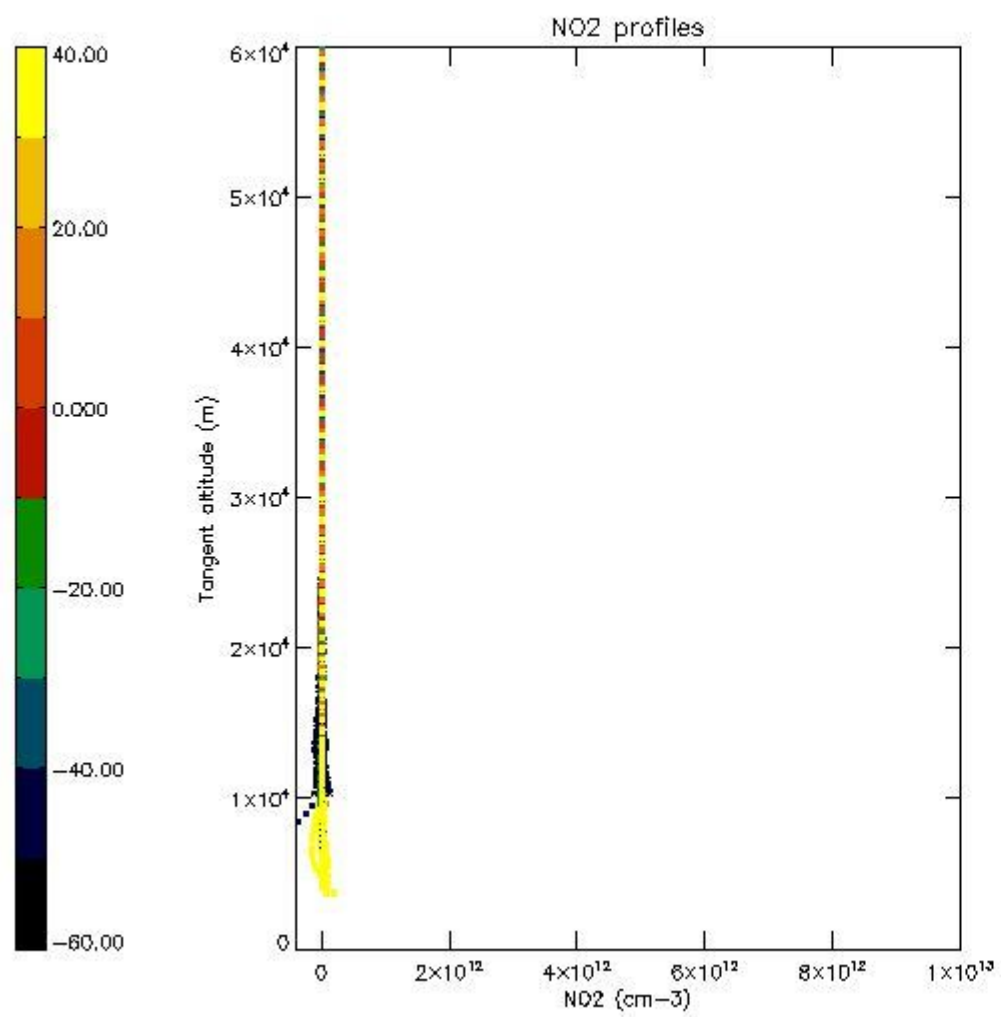
The colorbar represents the latitude.





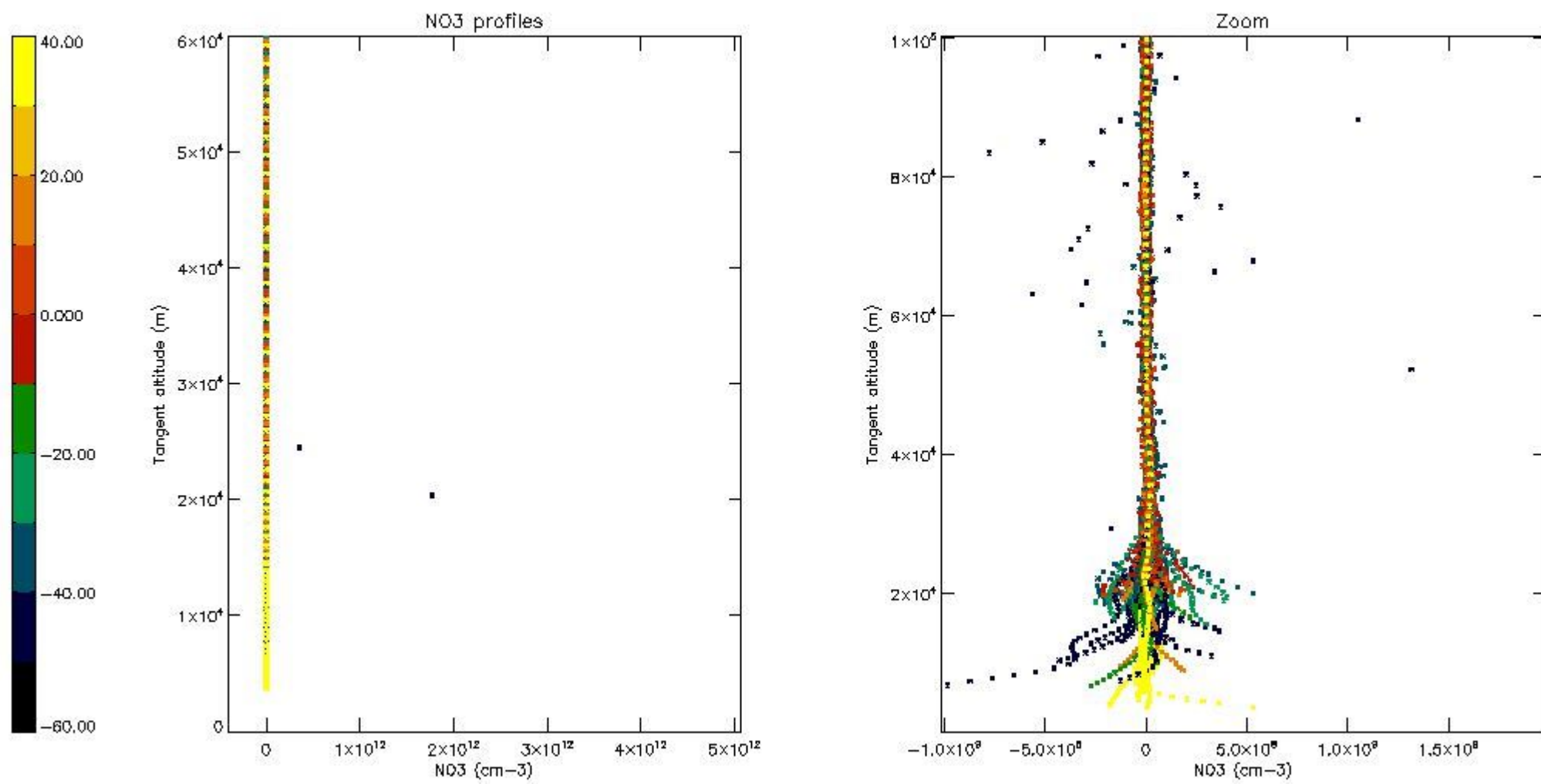
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



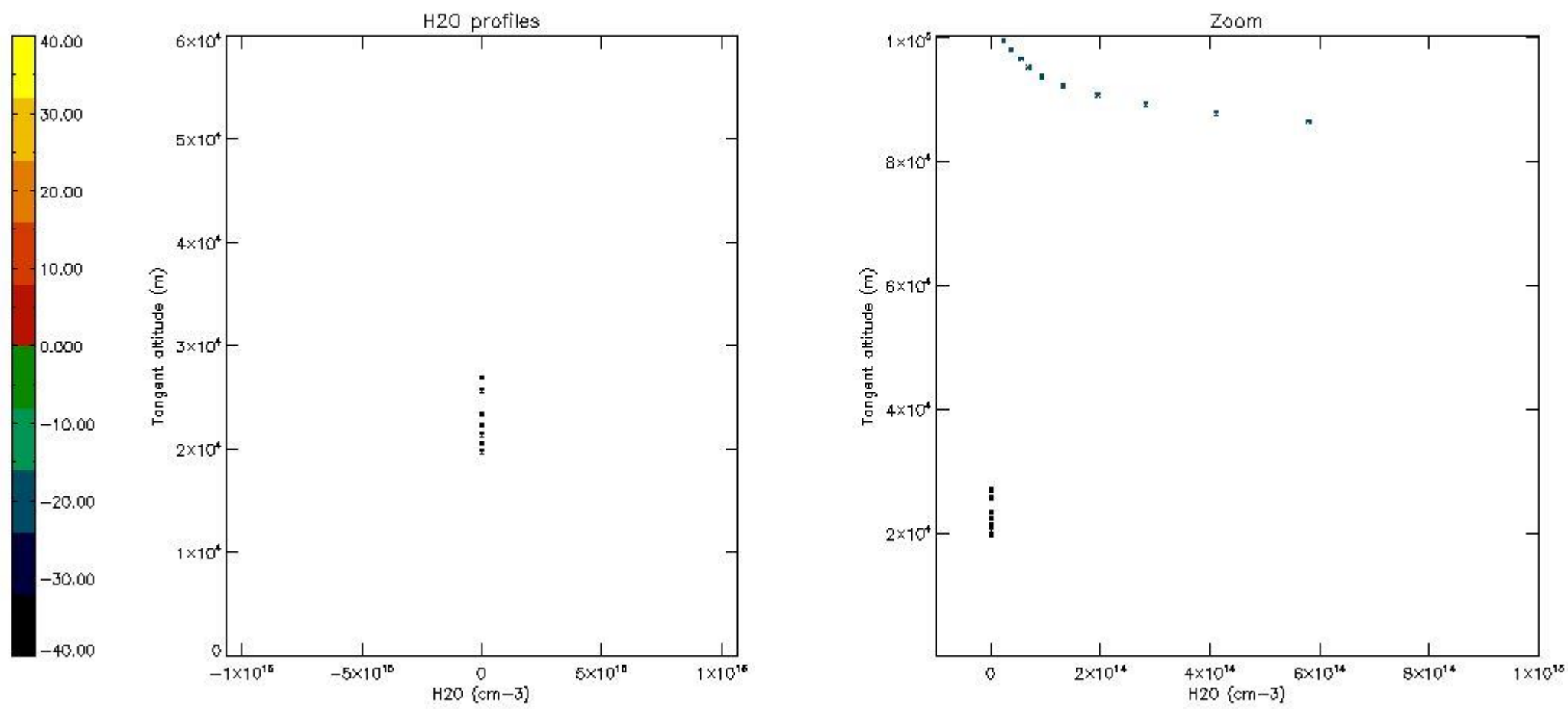
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-DEC-2007 00:02:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-DEC-2007 00:02:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-DEC-2007 00:02:39

# GOMOS Level 2 Daily Report

## SUMMARY

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### [3. Level 2 Quality information per product](#)

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

### [4. Level 1 Quality information per product \(stored on level 2 products\)](#)

#### [4.1 Plot of level 1 quality information per product \(time dependant\)](#)

##### [4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

##### [4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

#### [4.2 Plot of level 1 quality information per product \(world map\)](#)

##### [4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

##### [4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

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

#### [5.1 Ozone statistics based on quality of products](#)

#### [5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

#### [5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

#### [5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

#### [5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

#### [5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

#### [5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

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

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	23APR2013 14:55:42
Data source version	GOMOS/6.01
Start time of products	21-12-2007 (21DEC2007 00:00:00)
Stop time of products	22-12-2007 (22DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	348
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__2PRFIN20071221_000239_000000342064_00245_30359_0151.N1	21-DEC-2007 00:02:39	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30359	No
2	GOM_NL__2PRFIN20071221_000719_000000372064_00245_30359_0152.N1	21-DEC-2007 00:07:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	30359	No
3	GOM_NL__2PRFIN20071221_001044_000000342064_00245_30359_0153.N1	21-DEC-2007 00:10:44	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	30359	No
4	GOM_NL__2PRFIN20071221_001800_000000362064_00245_30359_0154.N1	21-DEC-2007 00:18:00	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30359	No
5	GOM_NL__2PRFIN20071221_002119_000000372064_00245_30359_0155.N1	21-DEC-2007 00:21:19	Bright	36.500	83		2.3780	11000.	73	30359	No
6	GOM_NL__2PRFIN20071221_002408_000000402064_00245_30359_0156.N1	21-DEC-2007 00:24:08	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	30359	No
7	GOM_NL__2PRFIN20071221_003331_000000372064_00245_30359_0157.N1	21-DEC-2007 00:33:31	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	30359	No
8	GOM_NL__2PRFIN20071221_004003_000000462064_00245_30359_0158.N1	21-DEC-2007 00:40:03	Dark	46.000	54	5The Cen	2.0550	4500.0	92	30359	No
9	GOM_NL__2PRFIN20071221_004301_000000372064_00245_30359_0159.N1	21-DEC-2007 00:43:01	Dark	37.000	95	Zet Cen	2.5450	26000.	74	30359	No
10	GOM_NL__2PRFIN20071221_004555_000000422064_00245_30359_0160.N1	21-DEC-2007 00:45:55	Dark	41.500	64	Gam Cen	2.2000	10600.	83	30359	No
11	GOM_NL__2PRFIN20071221_004842_000000412064_00246_30360_0168.N1	21-DEC-2007 00:48:42	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30360	No
12	GOM_NL__2PRFIN20071221_005157_000000392064_00246_30360_0169.N1	21-DEC-2007 00:51:57	Dark	39.000	124	The Car	2.7640	30000.	78	30360	No
13	GOM_NL__2PRFIN20071221_005340_000000392064_00246_30360_0170.N1	21-DEC-2007 00:53:40	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30360	No
14	GOM_NL__2PRFIN20071221_005509_000000422064_00246_30360_0171.N1	21-DEC-2007 00:55:09	Dark	42.000	71	Iot Car	2.2460	7700.0	84	30360	No
15	GOM_NL__2PRFIN20071221_010141_000000472064_00246_30360_0172.N1	21-DEC-2007 01:01:41	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	30360	No
16	GOM_NL__2PRFIN20071221_010736_000000422064_00246_30360_0173.N1	21-DEC-2007 01:07:36	Straylight	41.500	108	Alp Col	2.6520	15200.	83	30360	No
17	GOM_NL__2PRFIN20071221_011226_000000432064_00246_30360_0174.N1	21-DEC-2007 01:12:26	Straylight	42.500	101	11Alp Lep	2.5820	7000.0	85	30360	No
18	GOM_NL__2PRFIN20071221_011526_000000502064_00246_30360_0175.N1	21-DEC-2007 01:15:26	Straylight	50.000	7	19Bet Ori	0.10000	14000.	100	30360	No
19	GOM_NL__2PRFIN20071221_011733_000000462064_00246_30360_0176.N1	21-DEC-2007 01:17:33	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	30360	No
20	GOM_NL__2PRFIN20071221_011950_000000472064_00246_30360_0177.N1	21-DEC-2007 01:19:50	Twi_and_stray	47.000	27	24Gam Ori	1.6360	26000.	94	30360	No
21	GOM_NL__2PRFIN20071221_012241_000000502064_00246_30360_0178.N1	21-DEC-2007 01:22:41	Twi_and_stray	50.000	13	87Alp Tau	0.86700	3800.0	100	30360	No
22	GOM_NL__2PRFIN20071221_012707_000000352064_00246_30360_0179.N1	21-DEC-2007 01:27:07	Bright	35.000	150	44Zet Per	2.8900	28000.	70	30360	No
23	GOM_NL__2PRFIN20071221_012922_000000352064_00246_30360_0180.N1	21-DEC-2007 01:29:22	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30360	No
24	GOM_NL__2PRFIN20071221_013135_000000352064_00246_30360_0181.N1	21-DEC-2007 01:31:35	Bright	35.000	175	39Del Per	3.0100	19400.	70	30360	No
25	GOM_NL__2PRFIN20071221_014314_000000342064_00246_30360_0182.N1	21-DEC-2007 01:43:14	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30360	No
26	GOM_NL__2PRFIN20071221_014755_000000372064_00246_30360_0183.N1	21-DEC-2007 01:47:55	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30360	No
27	GOM_NL__2PRFIN20071221_015120_000000362064_00246_30360_0184.N1	21-DEC-2007 01:51:20	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	30360	No
28	GOM_NL__2PRFIN20071221_015836_000000562064_00246_30360_0185.N1	21-DEC-2007 01:58:36	Bright	56.000	180	27Gam Boo	3.0400	8000.0	112	30360	No
29	GOM_NL__2PRFIN20071221_020155_000000552064_00246_30360_0186.N1	21-DEC-2007 02:01:55	Bright	55.000	83		2.3780	11000.	110	30360	No
30	GOM_NL__2PRFIN20071221_020444_000000392064_00246_30360_0187.N1	21-DEC-2007 02:04:44	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	30360	No
31	GOM_NL__2PRFIN20071221_021407_000000372064_00246_30360_0188.N1	21-DEC-2007 02:14:07	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	30360	No
32	GOM_NL__2PRFIN20071221_022039_000000482064_00246_30360_0189.N1	21-DEC-2007 02:20:39	Dark	47.500	54	5The Cen	2.0550	4500.0	95	30360	No
33	GOM_NL__2PRFIN20071221_022337_000000382064_00246_30360_0190.N1	21-DEC-2007 02:23:37	Dark	38.000	95	Zet Cen	2.5450	26000.	76	30360	No
34	GOM_NL__2PRFIN20071221_022632_000000422064_00246_30360_0191.N1	21-DEC-2007 02:26:32	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30360	No
35	GOM_NL__2PRFIN20071221_022919_000000422064_00247_30361_0188.N1	21-DEC-2007 02:29:19	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	30361	No
36	GOM_NL__2PRFIN20071221_023233_000000382064_00247_30361_0189.N1	21-DEC-2007 02:32:33	Dark	38.000	124	The Car	2.7640	30000.	76	30361	No
37	GOM_NL__2PRFIN20071221_023417_000000392064_00247_30361_0190.N1	21-DEC-2007 02:34:17	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30361	No
38	GOM_NL__2PRFIN20071221_023545_000000412064_00247_30361_0191.N1	21-DEC-2007 02:35:45	Dark	40.500	71	Iot Car	2.2460	7700.0	81	30361	No
39	GOM_NL__2PRFIN20071221_024217_000000512064_00247_30361_0192.N1	21-DEC-2007 02:42:17	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	30361	No
40	GOM_NL__2PRFIN20071221_024812_000000402064_00247_30361_0193.N1	21-DEC-2007 02:48:12	Straylight	40.000	108	Alp Col	2.6520	15200.	80	30361	No
41	GOM_NL__2PRFIN20071221_025303_000000452064_00247_30361_0194.N1	21-DEC-2007 02:53:03	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	30361	No
42	GOM_NL__2PRFIN20071221_025602_000000532064_00247_30361_0195.N1	21-DEC-2007 02:56:02	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	30361	No

43	GOM_NL__2PRFIN20071221_025808_000000462064_00247_30361_0196.N1	21-DEC-2007 02:58:08	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	30361	No
44	GOM_NL__2PRFIN20071221_030026_000000462064_00247_30361_0197.N1	21-DEC-2007 03:00:26	Twilight_stray	46.000	27	24Gam Ori	1.6360	26000.	92	30361	No
45	GOM_NL__2PRFIN20071221_030317_000000482064_00247_30361_0198.N1	21-DEC-2007 03:03:17	Twilight_stray	47.500	13	87Alp Tau	0.86700	3800.0	95	30361	No
46	GOM_NL__2PRFIN20071221_030743_000000362064_00247_30361_0199.N1	21-DEC-2007 03:07:43	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30361	No
47	GOM_NL__2PRFIN20071221_030958_000000342064_00247_30361_0200.N1	21-DEC-2007 03:09:58	Bright	34.000	149	45Eps Per	2.8880	30000.	68	30361	No
48	GOM_NL__2PRFIN20071221_031211_000000342064_00247_30361_0201.N1	21-DEC-2007 03:12:11	Bright	34.000	175	39Del Per	3.0100	19400.	68	30361	No
49	GOM_NL__2PRFIN20071221_032350_000000372064_00247_30361_0202.N1	21-DEC-2007 03:23:50	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30361	No
50	GOM_NL__2PRFIN20071221_032831_000000362064_00247_30361_0203.N1	21-DEC-2007 03:28:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	30361	No
51	GOM_NL__2PRFIN20071221_033156_000000362064_00247_30361_0204.N1	21-DEC-2007 03:31:56	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	30361	No
52	GOM_NL__2PRFIN20071221_033912_000000382064_00247_30361_0205.N1	21-DEC-2007 03:39:12	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	30361	No
53	GOM_NL__2PRFIN20071221_034231_000000442064_00247_30361_0206.N1	21-DEC-2007 03:42:31	Bright	44.000	83		2.3780	11000.	88	30361	No
54	GOM_NL__2PRFIN20071221_034521_000000432064_00247_30361_0207.N1	21-DEC-2007 03:45:21	Bright	42.500	3	16Alp Boo	-0.050000	4250.0	85	30361	No
55	GOM_NL__2PRFIN20071221_035444_000000532064_00247_30361_0208.N1	21-DEC-2007 03:54:44	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	30361	No
56	GOM_NL__2PRFIN20071221_040116_000000442064_00247_30361_0209.N1	21-DEC-2007 04:01:16	Dark	43.500	54	5The Cen	2.0550	4500.0	87	30361	No
57	GOM_NL__2PRFIN20071221_040413_000000382064_00247_30361_0210.N1	21-DEC-2007 04:04:13	Dark	37.500	95	Zet Cen	2.5450	26000.	75	30361	No
58	GOM_NL__2PRFIN20071221_040709_000000402064_00247_30361_0211.N1	21-DEC-2007 04:07:09	Dark	40.000	64	Gam Cen	2.2000	10600.	80	30361	No
59	GOM_NL__2PRFIN20071221_040955_000000462064_00248_30362_0202.N1	21-DEC-2007 04:09:55	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	30362	No
60	GOM_NL__2PRFIN20071221_041310_000000382064_00248_30362_0203.N1	21-DEC-2007 04:13:10	Dark	38.000	124	The Car	2.7640	30000.	76	30362	No
61	GOM_NL__2PRFIN20071221_041454_000000392064_00248_30362_0204.N1	21-DEC-2007 04:14:54	Dark	39.000	159	Ups Car	2.9200	7200.0	78	30362	No
62	GOM_NL__2PRFIN20071221_041622_000000412064_00248_30362_0205.N1	21-DEC-2007 04:16:22	Dark	41.000	71	lot Car	2.2460	7700.0	82	30362	No
63	GOM_NL__2PRFIN20071221_042253_000000542064_00248_30362_0206.N1	21-DEC-2007 04:22:53	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	30362	No
64	GOM_NL__2PRFIN20071221_042848_000000392064_00248_30362_0207.N1	21-DEC-2007 04:28:48	Straylight	38.500	108	Alp Col	2.6520	15200.	77	30362	No
65	GOM_NL__2PRFIN20071221_043339_000000432064_00248_30362_0208.N1	21-DEC-2007 04:33:39	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	30362	No
66	GOM_NL__2PRFIN20071221_043638_000000492064_00248_30362_0209.N1	21-DEC-2007 04:36:38	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	30362	No
67	GOM_NL__2PRFIN20071221_043845_000000472064_00248_30362_0210.N1	21-DEC-2007 04:38:45	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	30362	No
68	GOM_NL__2PRFIN20071221_044102_000000442064_00248_30362_0211.N1	21-DEC-2007 04:41:02	Twilight_stray	44.000	27	24Gam Ori	1.6360	26000.	88	30362	No
69	GOM_NL__2PRFIN20071221_044353_000000522064_00248_30362_0212.N1	21-DEC-2007 04:43:53	Twilight_stray	52.000	13	87Alp Tau	0.86700	3800.0	104	30362	No
70	GOM_NL__2PRFIN20071221_044819_000000352064_00248_30362_0213.N1	21-DEC-2007 04:48:19	Bright	35.000	150	44Zet Per	2.8900	28000.	70	30362	No
71	GOM_NL__2PRFIN20071221_045034_000000352064_00248_30362_0214.N1	21-DEC-2007 04:50:34	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30362	No
72	GOM_NL__2PRFIN20071221_045248_000000342064_00248_30362_0215.N1	21-DEC-2007 04:52:48	Bright	34.000	175	39Del Per	3.0100	19400.	68	30362	No
73	GOM_NL__2PRFIN20071221_050426_000000372064_00248_30362_0216.N1	21-DEC-2007 05:04:26	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30362	No
74	GOM_NL__2PRFIN20071221_050907_000000382064_00248_30362_0217.N1	21-DEC-2007 05:09:07	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30362	No
75	GOM_NL__2PRFIN20071221_051233_000000362064_00248_30362_0218.N1	21-DEC-2007 05:12:33	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30362	No
76	GOM_NL__2PRFIN20071221_051948_000000382064_00248_30362_0219.N1	21-DEC-2007 05:19:48	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	30362	No
77	GOM_NL__2PRFIN20071221_052307_000000382064_00248_30362_0220.N1	21-DEC-2007 05:23:07	Bright	38.000	83		2.3780	11000.	76	30362	No
78	GOM_NL__2PRFIN20071221_052557_000000422064_00248_30362_0221.N1	21-DEC-2007 05:25:57	Bright	41.500	3	16Alp Boo	-0.050000	4250.0	83	30362	No
79	GOM_NL__2PRFIN20071221_053300_000000352064_00248_30362_0222.N1	21-DEC-2007 05:33:00	Bright	34.500	104	27Bet Lib	2.6140	13100.	69	30362	No
80	GOM_NL__2PRFIN20071221_053520_000000362064_00248_30362_0223.N1	21-DEC-2007 05:35:20	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	30362	No
81	GOM_NL__2PRFIN20071221_054152_000000462064_00248_30362_0224.N1	21-DEC-2007 05:41:52	Dark	45.500	54	5The Cen	2.0550	4500.0	91	30362	No
82	GOM_NL__2PRFIN20071221_054450_000000392064_00248_30362_0225.N1	21-DEC-2007 05:44:50	Dark	39.000	95	Zet Cen	2.5450	26000.	78	30362	No
83	GOM_NL__2PRFIN20071221_054745_000000442064_00248_30362_0226.N1	21-DEC-2007 05:47:45	Dark	43.500	64	Gam Cen	2.2000	10600.	87	30362	No
84	GOM_NL__2PRFIN20071221_055032_000000412064_00249_30363_0216.N1	21-DEC-2007 05:50:32	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30363	No
85	GOM_NL__2PRFIN20071221_055346_000000382064_00249_30363_0217.N1	21-DEC-2007 05:53:46	Dark	38.000	124	The Car	2.7640	30000.	76	30363	No
86	GOM_NL__2PRFIN20071221_055530_000000392064_00249_30363_0218.N1	21-DEC-2007 05:55:30	Dark	39.000	159	Ups Car	2.9200	7200.0	78	30363	No
87	GOM_NL__2PRFIN20071221_055659_000000402064_00249_30363_0219.N1	21-DEC-2007 05:56:59	Dark	39.500	71	lot Car	2.2460	7700.0	79	30363	No
88	GOM_NL__2PRFIN20071221_060330_000000542064_00249_30363_0220.N1	21-DEC-2007 06:03:30	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	30363	No
89	GOM_NL__2PRFIN20071221_060925_000000412064_00249_30363_0221.N1	21-DEC-2007 06:09:25	Straylight	40.500	108	Alp Col	2.6520	15200.	81	30363	No
90	GOM_NL__2PRFIN20071221_061415_000000432064_00249_30363_0222.N1	21-DEC-2007 06:14:15	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	30363	No
91	GOM_NL__2PRFIN20071221_061714_000000522064_00249_30363_0223.N1	21-DEC-2007 06:17:14	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	30363	No
92	GOM_NL__2PRFIN20071221_061920_000000492064_00249_30363_0224.N1	21-DEC-2007 06:19:20	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	30363	No
93	GOM_NL__2PRFIN20071221_062138_000000452064_00249_30363_0225.N1	21-DEC-2007 06:21:38	Twilight_stray	45.000	27	24Gam Ori	1.6360	26000.	90	30363	No
94	GOM_NL__2PRFIN20071221_062429_000000532064_00249_30363_0226.N1	21-DEC-2007 06:24:29	Twilight_stray	53.000	13	87Alp Tau	0.86700	3800.0	106	30363	No
95	GOM_NL__2PRFIN20071221_062855_000000342064_00249_30363_0227.N1	21-DEC-2007 06:28:55	Bright	34.000	150	44Zet Per	2.8900	28000.	68	30363	No
96	GOM_NL__2PRFIN20071221_063110_000000352064_00249_30363_0228.N1	21-DEC-2007 06:31:10	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30363	No
97	GOM_NL__2PRFIN20071221_063324_000000352064_00249_30363_0229.N1	21-DEC-2007 06:33:24	Bright	35.000	175	39Del Per	3.0100	19400.	70	30363	No
98	GOM_NL__2PRFIN20071221_064503_000000362064_00249_30363_0230.N1	21-DEC-2007 06:45:03	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30363	No
99	GOM_NL__2PRFIN20071221_064943_000000382064_00249_30363_0231.N1	21-DEC-2007 06:49:43	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30363	No
100	GOM_NL__2PRFIN20071221_065309_000000372064_00249_30363_0232.N1	21-DEC-2007 06:53:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	30363	No
101	GOM_NL__2PRFIN20071221_070024_000000372064_00249_30363_0233.N1	21-DEC-2007 07:00:24	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	30363	No

102	GOM_NL__2PRFIN20071221_070343_000000372064_00249_30363_0234.N1	21-DEC-2007 07:03:43	Bright	37.000	83		2.3780	11000.	74	30363	No
103	GOM_NL__2PRFIN20071221_070633_000000422064_00249_30363_0235.N1	21-DEC-2007 07:06:33	Bright	41.500	3	16Alp Boo	-0.050000	4250.0	83	30363	No
104	GOM_NL__2PRFIN20071221_071336_000000352064_00249_30363_0236.N1	21-DEC-2007 07:13:36	Bright	34.500	104	27Bet Lib	2.6140	13100.	69	30363	No
105	GOM_NL__2PRFIN20071221_071556_000000382064_00249_30363_0237.N1	21-DEC-2007 07:15:56	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	30363	No
106	GOM_NL__2PRFIN20071221_072229_000000442064_00249_30363_0238.N1	21-DEC-2007 07:22:29	Dark	43.500	54	5The Cen	2.0550	4500.0	87	30363	No
107	GOM_NL__2PRFIN20071221_072526_000000402064_00249_30363_0239.N1	21-DEC-2007 07:25:26	Dark	40.000	95	Zet Cen	2.5450	26000.	80	30363	No
108	GOM_NL__2PRFIN20071221_072822_000000432064_00249_30363_0240.N1	21-DEC-2007 07:28:22	Dark	42.500	64	Gam Cen	2.2000	10600.	85	30363	No
109	GOM_NL__2PRFIN20071221_073108_000000452064_00250_30364_0226.N1	21-DEC-2007 07:31:08	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	30364	No
110	GOM_NL__2PRFIN20071221_073423_000000382064_00250_30364_0227.N1	21-DEC-2007 07:34:23	Dark	37.500	124	The Car	2.7640	30000.	75	30364	No
111	GOM_NL__2PRFIN20071221_073607_000000382064_00250_30364_0228.N1	21-DEC-2007 07:36:07	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30364	No
112	GOM_NL__2PRFIN20071221_073735_000000412064_00250_30364_0229.N1	21-DEC-2007 07:37:35	Dark	40.500	71	Iot Car	2.2460	7700.0	81	30364	No
113	GOM_NL__2PRFIN20071221_074406_000000452064_00250_30364_0230.N1	21-DEC-2007 07:44:06	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	30364	No
114	GOM_NL__2PRFIN20071221_075001_000000392064_00250_30364_0231.N1	21-DEC-2007 07:50:01	Straylight	38.500	108	Alp Col	2.6520	15200.	77	30364	No
115	GOM_NL__2PRFIN20071221_075451_000000432064_00250_30364_0232.N1	21-DEC-2007 07:54:51	Straylight	42.500	101	11Alp Lep	2.5820	7000.0	85	30364	No
116	GOM_NL__2PRFIN20071221_075750_000000482064_00250_30364_0233.N1	21-DEC-2007 07:57:50	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	30364	No
117	GOM_NL__2PRFIN20071221_075956_000000472064_00250_30364_0234.N1	21-DEC-2007 07:59:56	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	30364	No
118	GOM_NL__2PRFIN20071221_080214_000000472064_00250_30364_0235.N1	21-DEC-2007 08:02:14	Twi_and_stray	47.000	27	24Gam Ori	1.6360	26000.	94	30364	No
119	GOM_NL__2PRFIN20071221_080505_000000462064_00250_30364_0236.N1	21-DEC-2007 08:05:05	Twi_and_stray	46.000	13	87Alp Tau	0.86700	3800.0	92	30364	No
120	GOM_NL__2PRFIN20071221_080932_000000322064_00250_30364_0237.N1	21-DEC-2007 08:09:32	Bright	32.000	150	44Zet Per	2.8900	28000.	64	30364	No
121	GOM_NL__2PRFIN20071221_081146_000000342064_00250_30364_0238.N1	21-DEC-2007 08:11:46	Bright	34.000	149	45Eps Per	2.8880	30000.	68	30364	No
122	GOM_NL__2PRFIN20071221_081400_000000342064_00250_30364_0239.N1	21-DEC-2007 08:14:00	Bright	33.500	175	39Del Per	3.0100	19400.	67	30364	No
123	GOM_NL__2PRFIN20071221_082539_000000362064_00250_30364_0240.N1	21-DEC-2007 08:25:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30364	No
124	GOM_NL__2PRFIN20071221_083019_000000382064_00250_30364_0241.N1	21-DEC-2007 08:30:19	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	30364	No
125	GOM_NL__2PRFIN20071221_083345_000000362064_00250_30364_0242.N1	21-DEC-2007 08:33:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30364	No
126	GOM_NL__2PRFIN20071221_084100_000000462064_00250_30364_0243.N1	21-DEC-2007 08:41:00	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	30364	No
127	GOM_NL__2PRFIN20071221_084419_000000382064_00250_30364_0244.N1	21-DEC-2007 08:44:19	Bright	37.500	83		2.3780	11000.	75	30364	No
128	GOM_NL__2PRFIN20071221_084710_000000332064_00250_30364_0245.N1	21-DEC-2007 08:47:10	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	30364	No
129	GOM_NL__2PRFIN20071221_085412_000000342064_00250_30364_0246.N1	21-DEC-2007 08:54:12	Bright	34.000	104	27Bet Lib	2.6140	13100.	68	30364	No
130	GOM_NL__2PRFIN20071221_085633_000000532064_00250_30364_0247.N1	21-DEC-2007 08:56:33	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	30364	No
131	GOM_NL__2PRFIN20071221_090305_000000422064_00250_30364_0248.N1	21-DEC-2007 09:03:05	Dark	42.000	54	5The Cen	2.0550	4500.0	84	30364	No
132	GOM_NL__2PRFIN20071221_090603_000000382064_00250_30364_0249.N1	21-DEC-2007 09:06:03	Dark	37.500	95	Zet Cen	2.5450	26000.	75	30364	No
133	GOM_NL__2PRFIN20071221_090859_000000422064_00250_30364_0250.N1	21-DEC-2007 09:08:59	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30364	No
134	GOM_NL__2PRFIN20071221_091144_000000432064_00251_30365_0247.N1	21-DEC-2007 09:11:44	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	30365	No
135	GOM_NL__2PRFIN20071221_091459_000000372064_00251_30365_0248.N1	21-DEC-2007 09:14:59	Dark	37.000	124	The Car	2.7640	30000.	74	30365	No
136	GOM_NL__2PRFIN20071221_091643_000000382064_00251_30365_0249.N1	21-DEC-2007 09:16:43	Dark	37.500	159	Ups Car	2.9200	7200.0	75	30365	No
137	GOM_NL__2PRFIN20071221_091812_000000492064_00251_30365_0250.N1	21-DEC-2007 09:18:12	Dark	49.000	71	Iot Car	2.2460	7700.0	98	30365	No
138	GOM_NL__2PRFIN20071221_092442_000000482064_00251_30365_0251.N1	21-DEC-2007 09:24:42	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	30365	No
139	GOM_NL__2PRFIN20071221_093037_000000392064_00251_30365_0252.N1	21-DEC-2007 09:30:37	Straylight	39.000	108	Alp Col	2.6520	15200.	78	30365	No
140	GOM_NL__2PRFIN20071221_093527_000000452064_00251_30365_0253.N1	21-DEC-2007 09:35:27	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	30365	No
141	GOM_NL__2PRFIN20071221_093826_000000542064_00251_30365_0254.N1	21-DEC-2007 09:38:26	Straylight	53.500	7	19Bet Ori	0.10000	14000.	107	30365	No
142	GOM_NL__2PRFIN20071221_094032_000000482064_00251_30365_0255.N1	21-DEC-2007 09:40:32	Straylight	48.000	30	46Eps Ori	1.6940	30000.	96	30365	No
143	GOM_NL__2PRFIN20071221_094250_000000472064_00251_30365_0256.N1	21-DEC-2007 09:42:50	Twi_and_stray	46.500	27	24Gam Ori	1.6360	26000.	93	30365	No
144	GOM_NL__2PRFIN20071221_094540_000000452064_00251_30365_0257.N1	21-DEC-2007 09:45:40	Twi_and_stray	44.500	13	87Alp Tau	0.86700	3800.0	89	30365	No
145	GOM_NL__2PRFIN20071221_095008_000000342064_00251_30365_0258.N1	21-DEC-2007 09:50:08	Bright	34.000	150	44Zet Per	2.8900	28000.	68	30365	No
146	GOM_NL__2PRFIN20071221_095222_000000352064_00251_30365_0259.N1	21-DEC-2007 09:52:22	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30365	No
147	GOM_NL__2PRFIN20071221_095436_000000352064_00251_30365_0260.N1	21-DEC-2007 09:54:36	Bright	34.500	175	39Del Per	3.0100	19400.	69	30365	No
148	GOM_NL__2PRFIN20071221_100614_000000362064_00251_30365_0261.N1	21-DEC-2007 10:06:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30365	No
149	GOM_NL__2PRFIN20071221_101055_000000372064_00251_30365_0262.N1	21-DEC-2007 10:10:55	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30365	No
150	GOM_NL__2PRFIN20071221_101421_000000372064_00251_30365_0263.N1	21-DEC-2007 10:14:21	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	30365	No
151	GOM_NL__2PRFIN20071221_102136_000000392064_00251_30365_0264.N1	21-DEC-2007 10:21:36	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	30365	No
152	GOM_NL__2PRFIN20071221_102455_000000372064_00251_30365_0265.N1	21-DEC-2007 10:24:55	Bright	36.500	83		2.3780	11000.	73	30365	No
153	GOM_NL__2PRFIN20071221_102746_000000332064_00251_30365_0266.N1	21-DEC-2007 10:27:46	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	30365	No
154	GOM_NL__2PRFIN20071221_103448_000000342064_00251_30365_0267.N1	21-DEC-2007 10:34:48	Bright	34.000	104	27Bet Lib	2.6140	13100.	68	30365	No
155	GOM_NL__2PRFIN20071221_103709_000000362064_00251_30365_0268.N1	21-DEC-2007 10:37:09	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	30365	No
156	GOM_NL__2PRFIN20071221_104342_000000442064_00251_30365_0269.N1	21-DEC-2007 10:43:42	Dark	43.500	54	5The Cen	2.0550	4500.0	87	30365	No
157	GOM_NL__2PRFIN20071221_104639_000000392064_00251_30365_0270.N1	21-DEC-2007 10:46:39	Dark	38.500	95	Zet Cen	2.5450	26000.	77	30365	No
158	GOM_NL__2PRFIN20071221_104935_000000432064_00251_30365_0271.N1	21-DEC-2007 10:49:35	Dark	42.500	64	Gam Cen	2.2000	10600.	85	30365	No
159	GOM_NL__2PRFIN20071221_105221_000000412064_00252_30366_0266.N1	21-DEC-2007 10:52:21	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30366	No
160	GOM_NL__2PRFIN20071221_105536_000000382064_00252_30366_0267.N1	21-DEC-2007 10:55:36	Dark	37.500	124	The Car	2.7640	30000.	75	30366	No



161	GOM_NL__2PRFIN20071221_105719_000000402064_00252_30366_0268.N1	21-DEC-2007 10:57:19	Dark	40.000	159	Ups Car	2.9200	7200.0	80	30366	No
162	GOM_NL__2PRFIN20071221_105848_000000502064_00252_30366_0269.N1	21-DEC-2007 10:58:48	Dark	49.500	71	Iot Car	2.2460	7700.0	99	30366	No
163	GOM_NL__2PRFIN20071221_110519_000000472064_00252_30366_0270.N1	21-DEC-2007 11:05:19	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	30366	No
164	GOM_NL__2PRFIN20071221_111113_000000402064_00252_30366_0271.N1	21-DEC-2007 11:11:13	Straylight	40.000	108	Alp Col	2.6520	15200.	80	30366	No
165	GOM_NL__2PRFIN20071221_111603_000000432064_00252_30366_0272.N1	21-DEC-2007 11:16:03	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	30366	No
166	GOM_NL__2PRFIN20071221_111902_000000532064_00252_30366_0273.N1	21-DEC-2007 11:19:02	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	30366	No
167	GOM_NL__2PRFIN20071221_112108_000000482064_00252_30366_0274.N1	21-DEC-2007 11:21:08	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	30366	No
168	GOM_NL__2PRFIN20071221_112326_000000472064_00252_30366_0275.N1	21-DEC-2007 11:23:26	Twi_and_stray	47.000	27	24Gam Ori	1.6360	26000.	94	30366	No
169	GOM_NL__2PRFIN20071221_112616_000000452064_00252_30366_0276.N1	21-DEC-2007 11:26:16	Twi_and_stray	44.500	13	87Alp Tau	0.86700	3800.0	89	30366	No
170	GOM_NL__2PRFIN20071221_113013_000000292064_00252_30366_0277.N1	21-DEC-2007 11:30:13	Bright	29.000	28	12Bet Tau	1.6500	15200.	58	30366	No
171	GOM_NL__2PRFIN20071221_113110_000000382064_00252_30366_0278.N1	21-DEC-2007 11:31:10	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	30366	No
172	GOM_NL__2PRFIN20071221_113258_000000332064_00252_30366_0279.N1	21-DEC-2007 11:32:58	Bright	33.000	149	45Eps Per	2.8880	30000.	66	30366	No
173	GOM_NL__2PRFIN20071221_113512_000000352064_00252_30366_0280.N1	21-DEC-2007 11:35:12	Bright	34.500	175	39Del Per	3.0100	19400.	69	30366	No
174	GOM_NL__2PRFIN20071221_114650_000000362064_00252_30366_0281.N1	21-DEC-2007 11:46:50	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30366	No
175	GOM_NL__2PRFIN20071221_115130_000000402064_00252_30366_0282.N1	21-DEC-2007 11:51:30	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	30366	No
176	GOM_NL__2PRFIN20071221_115457_000000332064_00252_30366_0283.N1	21-DEC-2007 11:54:57	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	30366	No
177	GOM_NL__2PRFIN20071221_120212_000000382064_00252_30366_0284.N1	21-DEC-2007 12:02:12	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	30366	No
178	GOM_NL__2PRFIN20071221_120531_000000562064_00252_30366_0285.N1	21-DEC-2007 12:05:31	Bright	56.000	83		2.3780	11000.	112	30366	No
179	GOM_NL__2PRFIN20071221_121525_000000352064_00252_30366_0286.N1	21-DEC-2007 12:15:25	Bright	34.500	104	27Bet Lib	2.6140	13100.	69	30366	No
180	GOM_NL__2PRFIN20071221_121745_000000542064_00252_30366_0287.N1	21-DEC-2007 12:17:45	Bright	54.000	122	9Alp2Lib	2.7470	9700.0	108	30366	No
181	GOM_NL__2PRFIN20071221_122418_000000422064_00252_30366_0288.N1	21-DEC-2007 12:24:18	Dark	42.000	54	5The Cen	2.0550	4500.0	84	30366	No
182	GOM_NL__2PRFIN20071221_122715_000000382064_00252_30366_0289.N1	21-DEC-2007 12:27:15	Dark	37.500	95	Zet Cen	2.5450	26000.	75	30366	No
183	GOM_NL__2PRFIN20071221_123012_000000442064_00252_30366_0290.N1	21-DEC-2007 12:30:12	Dark	44.000	64	Gam Cen	2.2000	10600.	88	30366	No
184	GOM_NL__2PRFIN20071221_123257_000000412064_00253_30367_0281.N1	21-DEC-2007 12:32:57	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30367	No
185	GOM_NL__2PRFIN20071221_123612_000000382064_00253_30367_0282.N1	21-DEC-2007 12:36:12	Dark	38.000	124	The Car	2.7640	30000.	76	30367	No
186	GOM_NL__2PRFIN20071221_123756_000000392064_00253_30367_0283.N1	21-DEC-2007 12:37:56	Dark	39.000	159	Ups Car	2.9200	7200.0	78	30367	No
187	GOM_NL__2PRFIN20071221_123925_000000392064_00253_30367_0284.N1	21-DEC-2007 12:39:25	Dark	39.000	71	Iot Car	2.2460	7700.0	78	30367	No
188	GOM_NL__2PRFIN20071221_124555_000000462064_00253_30367_0285.N1	21-DEC-2007 12:45:55	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	30367	No
189	GOM_NL__2PRFIN20071221_125149_000000412064_00253_30367_0286.N1	21-DEC-2007 12:51:49	Straylight	41.000	108	Alp Col	2.6520	15200.	82	30367	No
190	GOM_NL__2PRFIN20071221_125639_000000422064_00253_30367_0287.N1	21-DEC-2007 12:56:39	Straylight	41.500	101	11Alp Lep	2.5820	7000.0	83	30367	No
191	GOM_NL__2PRFIN20071221_125938_000000462064_00253_30367_0288.N1	21-DEC-2007 12:59:38	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	30367	No
192	GOM_NL__2PRFIN20071221_130144_000000462064_00253_30367_0289.N1	21-DEC-2007 13:01:44	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	30367	No
193	GOM_NL__2PRFIN20071221_130401_000000462064_00253_30367_0290.N1	21-DEC-2007 13:04:01	Twi_and_stray	45.500	27	24Gam Ori	1.6360	26000.	91	30367	No
194	GOM_NL__2PRFIN20071221_130652_000000482064_00253_30367_0291.N1	21-DEC-2007 13:06:52	Twi_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	30367	No
195	GOM_NL__2PRFIN20071221_131048_000000292064_00253_30367_0292.N1	21-DEC-2007 13:10:48	Bright	29.000	28	12Bet Tau	1.6500	15200.	58	30367	No
196	GOM_NL__2PRFIN20071221_131146_000000392064_00253_30367_0293.N1	21-DEC-2007 13:11:46	Bright	38.500	114	3Iot Aur	2.6930	4600.0	77	30367	No
197	GOM_NL__2PRFIN20071221_131334_000000342064_00253_30367_0294.N1	21-DEC-2007 13:13:34	Bright	33.500	149	45Eps Per	2.8880	30000.	67	30367	No
198	GOM_NL__2PRFIN20071221_131548_000000332064_00253_30367_0295.N1	21-DEC-2007 13:15:48	Bright	33.000	175	39Del Per	3.0100	19400.	66	30367	No
199	GOM_NL__2PRFIN20071221_132726_000000362064_00253_30367_0296.N1	21-DEC-2007 13:27:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30367	No
200	GOM_NL__2PRFIN20071221_133206_000000372064_00253_30367_0297.N1	21-DEC-2007 13:32:06	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	30367	No
201	GOM_NL__2PRFIN20071221_133533_000000372064_00253_30367_0298.N1	21-DEC-2007 13:35:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	30367	No
202	GOM_NL__2PRFIN20071221_134248_000000382064_00253_30367_0299.N1	21-DEC-2007 13:42:48	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	30367	No
203	GOM_NL__2PRFIN20071221_134608_000000382064_00253_30367_0300.N1	21-DEC-2007 13:46:08	Bright	38.000	83		2.3780	11000.	76	30367	No
204	GOM_NL__2PRFIN20071221_135601_000000342064_00253_30367_0301.N1	21-DEC-2007 13:56:01	Bright	33.500	104	27Bet Lib	2.6140	13100.	67	30367	No
205	GOM_NL__2PRFIN20071221_135822_000000512064_00253_30367_0302.N1	21-DEC-2007 13:58:22	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	30367	No
206	GOM_NL__2PRFIN20071221_140454_000000462064_00253_30367_0303.N1	21-DEC-2007 14:04:54	Dark	46.000	54	5The Cen	2.0550	4500.0	92	30367	No
207	GOM_NL__2PRFIN20071221_140752_000000382064_00253_30367_0304.N1	21-DEC-2007 14:07:52	Dark	38.000	95	Zet Cen	2.5450	26000.	76	30367	No
208	GOM_NL__2PRFIN20071221_141048_000000422064_00253_30367_0305.N1	21-DEC-2007 14:10:48	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30367	No
209	GOM_NL__2PRFIN20071221_141334_000000382064_00254_30368_0295.N1	21-DEC-2007 14:13:34	Dark	37.500	12	Alp1Cru	0.77500	30000.	75	30368	No
210	GOM_NL__2PRFIN20071221_141649_000000382064_00254_30368_0296.N1	21-DEC-2007 14:16:49	Dark	37.500	124	The Car	2.7640	30000.	75	30368	No
211	GOM_NL__2PRFIN20071221_141832_000000382064_00254_30368_0297.N1	21-DEC-2007 14:18:32	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30368	No
212	GOM_NL__2PRFIN20071221_142001_000000412064_00254_30368_0298.N1	21-DEC-2007 14:20:01	Dark	40.500	71	Iot Car	2.2460	7700.0	81	30368	No
213	GOM_NL__2PRFIN20071221_142631_000000472064_00254_30368_0299.N1	21-DEC-2007 14:26:31	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	30368	No
214	GOM_NL__2PRFIN20071221_143225_000000412064_00254_30368_0300.N1	21-DEC-2007 14:32:25	Straylight	41.000	108	Alp Col	2.6520	15200.	82	30368	No
215	GOM_NL__2PRFIN20071221_143715_000000422064_00254_30368_0301.N1	21-DEC-2007 14:37:15	Straylight	42.000	101	11Alp Lep	2.5820	7000.0	84	30368	No
216	GOM_NL__2PRFIN20071221_144014_000000472064_00254_30368_0302.N1	21-DEC-2007 14:40:14	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	30368	No
217	GOM_NL__2PRFIN20071221_144220_000000462064_00254_30368_0303.N1	21-DEC-2007 14:42:20	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	30368	No
218	GOM_NL__2PRFIN20071221_144437_000000462064_00254_30368_0304.N1	21-DEC-2007 14:44:37	Twi_and_stray	46.000	27	24Gam Ori	1.6360	26000.	92	30368	No
219	GOM_NL__2PRFIN20071221_144728_000000452064_00254_30368_0305.N1	21-DEC-2007 14:47:28	Twi_and_stray	44.500	13	87Alp Tau	0.86700	3800.0	89	30368	No

220	GOM_NL__2PRFIN20071221_145124_000000382064_00254_30368_0306.N1	21-DEC-2007 14:51:24	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	30368	No
221	GOM_NL__2PRFIN20071221_145410_000000352064_00254_30368_0307.N1	21-DEC-2007 14:54:10	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30368	No
222	GOM_NL__2PRFIN20071221_145624_000000342064_00254_30368_0308.N1	21-DEC-2007 14:56:24	Bright	33.500	175	39Del Per	3.0100	19400.	67	30368	No
223	GOM_NL__2PRFIN20071221_150802_000000372064_00254_30368_0309.N1	21-DEC-2007 15:08:02	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	30368	No
224	GOM_NL__2PRFIN20071221_151242_000000382064_00254_30368_0310.N1	21-DEC-2007 15:12:42	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30368	No
225	GOM_NL__2PRFIN20071221_151609_000000362064_00254_30368_0311.N1	21-DEC-2007 15:16:09	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30368	No
226	GOM_NL__2PRFIN20071221_152324_000000562064_00254_30368_0312.N1	21-DEC-2007 15:23:24	Bright	56.000	180	27Gam Boo	3.0400	8000.0	112	30368	No
227	GOM_NL__2PRFIN20071221_152644_000000562064_00254_30368_0313.N1	21-DEC-2007 15:26:44	Bright	56.000	83		2.3780	11000.	112	30368	No
228	GOM_NL__2PRFIN20071221_153637_000000522064_00254_30368_0314.N1	21-DEC-2007 15:36:37	Bright	52.000	104	27Bet Lib	2.6140	13100.	104	30368	No
229	GOM_NL__2PRFIN20071221_153858_000000542064_00254_30368_0315.N1	21-DEC-2007 15:38:58	Bright	54.000	122	9Alp2Lib	2.7470	9700.0	108	30368	No
230	GOM_NL__2PRFIN20071221_154531_000000442064_00254_30368_0316.N1	21-DEC-2007 15:45:31	Dark	44.000	54	5The Cen	2.0550	4500.0	88	30368	No
231	GOM_NL__2PRFIN20071221_154828_000000392064_00254_30368_0317.N1	21-DEC-2007 15:48:28	Dark	39.000	95	Zet Cen	2.5450	26000.	78	30368	No
232	GOM_NL__2PRFIN20071221_155125_000000412064_00254_30368_0318.N1	21-DEC-2007 15:51:25	Dark	40.500	64	Gam Cen	2.2000	10600.	81	30368	No
233	GOM_NL__2PRFIN20071221_155410_000000402064_00255_30369_0306.N1	21-DEC-2007 15:54:10	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	30369	No
234	GOM_NL__2PRFIN20071221_155725_000000392064_00255_30369_0307.N1	21-DEC-2007 15:57:25	Dark	38.500	124	The Car	2.7640	30000.	77	30369	No
235	GOM_NL__2PRFIN20071221_155909_000000382064_00255_30369_0308.N1	21-DEC-2007 15:59:09	Dark	37.500	159	Ups Car	2.9200	7200.0	75	30369	No
236	GOM_NL__2PRFIN20071221_160038_000000412064_00255_30369_0309.N1	21-DEC-2007 16:00:38	Dark	41.000	71	Iot Car	2.2460	7700.0	82	30369	No
237	GOM_NL__2PRFIN20071221_160707_000000472064_00255_30369_0310.N1	21-DEC-2007 16:07:07	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	30369	No
238	GOM_NL__2PRFIN20071221_161301_000000412064_00255_30369_0311.N1	21-DEC-2007 16:13:01	Straylight	41.000	108	Alp Col	2.6520	15200.	82	30369	No
239	GOM_NL__2PRFIN20071221_161751_000000422064_00255_30369_0312.N1	21-DEC-2007 16:17:51	Straylight	42.000	101	11Alp Lep	2.5820	7000.0	84	30369	No
240	GOM_NL__2PRFIN20071221_162050_000000502064_00255_30369_0313.N1	21-DEC-2007 16:20:50	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	30369	No
241	GOM_NL__2PRFIN20071221_162256_000000472064_00255_30369_0314.N1	21-DEC-2007 16:22:56	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	30369	No
242	GOM_NL__2PRFIN20071221_162513_000000472064_00255_30369_0315.N1	21-DEC-2007 16:25:13	Tw_i_and_stray	46.500	27	24Gam Ori	1.6360	26000.	93	30369	No
243	GOM_NL__2PRFIN20071221_162804_000000492064_00255_30369_0316.N1	21-DEC-2007 16:28:04	Tw_i_and_stray	49.000	13	87Alp Tau	0.86700	3800.0	98	30369	No
244	GOM_NL__2PRFIN20071221_163200_000000382064_00255_30369_0317.N1	21-DEC-2007 16:32:00	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	30369	No
245	GOM_NL__2PRFIN20071221_163446_000000342064_00255_30369_0318.N1	21-DEC-2007 16:34:46	Bright	34.000	149	45Eps Per	2.8880	30000.	68	30369	No
246	GOM_NL__2PRFIN20071221_163700_000000342064_00255_30369_0319.N1	21-DEC-2007 16:37:00	Bright	34.000	175	39Del Per	3.0100	19400.	68	30369	No
247	GOM_NL__2PRFIN20071221_164838_000000372064_00255_30369_0320.N1	21-DEC-2007 16:48:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30369	No
248	GOM_NL__2PRFIN20071221_165318_000000382064_00255_30369_0321.N1	21-DEC-2007 16:53:18	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	30369	No
249	GOM_NL__2PRFIN20071221_165645_000000362064_00255_30369_0322.N1	21-DEC-2007 16:56:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30369	No
250	GOM_NL__2PRFIN20071221_170400_000000562064_00255_30369_0323.N1	21-DEC-2007 17:04:00	Bright	56.000	180	27Gam Boo	3.0400	8000.0	112	30369	No
251	GOM_NL__2PRFIN20071221_170720_000000382064_00255_30369_0324.N1	21-DEC-2007 17:07:20	Bright	38.000	83		2.3780	11000.	76	30369	No
252	GOM_NL__2PRFIN20071221_171713_000000522064_00255_30369_0325.N1	21-DEC-2007 17:17:13	Bright	52.000	104	27Bet Lib	2.6140	13100.	104	30369	No
253	GOM_NL__2PRFIN20071221_171934_000000542064_00255_30369_0326.N1	21-DEC-2007 17:19:34	Bright	54.000	122	9Alp2Lib	2.7470	9700.0	108	30369	No
254	GOM_NL__2PRFIN20071221_172607_000000462064_00255_30369_0327.N1	21-DEC-2007 17:26:07	Dark	45.500	54	5The Cen	2.0550	4500.0	91	30369	No
255	GOM_NL__2PRFIN20071221_172905_000000362064_00255_30369_0328.N1	21-DEC-2007 17:29:05	Dark	36.000	95	Zet Cen	2.5450	26000.	72	30369	No
256	GOM_NL__2PRFIN20071221_173202_000000412064_00255_30369_0329.N1	21-DEC-2007 17:32:02	Dark	41.000	64	Gam Cen	2.2000	10600.	82	30369	No
257	GOM_NL__2PRFIN20071221_173446_000000422064_00256_30370_0347.N1	21-DEC-2007 17:34:46	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	30370	No
258	GOM_NL__2PRFIN20071221_173802_000000392064_00256_30370_0348.N1	21-DEC-2007 17:38:02	Dark	38.500	124	The Car	2.7640	30000.	77	30370	No
259	GOM_NL__2PRFIN20071221_173945_000000392064_00256_30370_0349.N1	21-DEC-2007 17:39:45	Dark	39.000	159	Ups Car	2.9200	7200.0	78	30370	No
260	GOM_NL__2PRFIN20071221_174114_000000392064_00256_30370_0350.N1	21-DEC-2007 17:41:14	Dark	39.000	71	Iot Car	2.2460	7700.0	78	30370	No
261	GOM_NL__2PRFIN20071221_174744_000000532064_00256_30370_0351.N1	21-DEC-2007 17:47:44	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	30370	No
262	GOM_NL__2PRFIN20071221_175338_000000422064_00256_30370_0352.N1	21-DEC-2007 17:53:38	Straylight	42.000	108	Alp Col	2.6520	15200.	84	30370	No
263	GOM_NL__2PRFIN20071221_175827_000000432064_00256_30370_0353.N1	21-DEC-2007 17:58:27	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	30370	No
264	GOM_NL__2PRFIN20071221_180126_000000502064_00256_30370_0354.N1	21-DEC-2007 18:01:26	Straylight	50.000	7	19Bet Ori	0.10000	14000.	100	30370	No
265	GOM_NL__2PRFIN20071221_180332_000000472064_00256_30370_0355.N1	21-DEC-2007 18:03:32	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	30370	No
266	GOM_NL__2PRFIN20071221_180549_000000472064_00256_30370_0356.N1	21-DEC-2007 18:05:49	Tw_i_and_stray	47.000	27	24Gam Ori	1.6360	26000.	94	30370	No
267	GOM_NL__2PRFIN20071221_180840_000000522064_00256_30370_0357.N1	21-DEC-2007 18:08:40	Tw_i_and_stray	52.000	13	87Alp Tau	0.86700	3800.0	104	30370	No
268	GOM_NL__2PRFIN20071221_181235_000000412064_00256_30370_0358.N1	21-DEC-2007 18:12:35	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	30370	No
269	GOM_NL__2PRFIN20071221_181522_000000352064_00256_30370_0359.N1	21-DEC-2007 18:15:22	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30370	No
270	GOM_NL__2PRFIN20071221_181736_000000342064_00256_30370_0360.N1	21-DEC-2007 18:17:36	Bright	34.000	175	39Del Per	3.0100	19400.	68	30370	No
271	GOM_NL__2PRFIN20071221_182914_000000382064_00256_30370_0361.N1	21-DEC-2007 18:29:14	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	30370	No
272	GOM_NL__2PRFIN20071221_183354_000000382064_00256_30370_0362.N1	21-DEC-2007 18:33:54	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	30370	No
273	GOM_NL__2PRFIN20071221_183721_000000352064_00256_30370_0363.N1	21-DEC-2007 18:37:21	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	30370	No
274	GOM_NL__2PRFIN20071221_184436_000000382064_00256_30370_0364.N1	21-DEC-2007 18:44:36	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	30370	No
275	GOM_NL__2PRFIN20071221_184756_000000362064_00256_30370_0365.N1	21-DEC-2007 18:47:56	Bright	36.000	83		2.3780	11000.	72	30370	No
276	GOM_NL__2PRFIN20071221_185750_000000392064_00256_30370_0366.N1	21-DEC-2007 18:57:50	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	30370	No
277	GOM_NL__2PRFIN20071221_190011_000000442064_00256_30370_0367.N1	21-DEC-2007 19:00:11	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	30370	No
278	GOM_NL__2PRFIN20071221_190644_000000512064_00256_30370_0368.N1	21-DEC-2007 19:06:44	Dark	50.500	54	5The Cen	2.0550	4500.0	101	30370	No

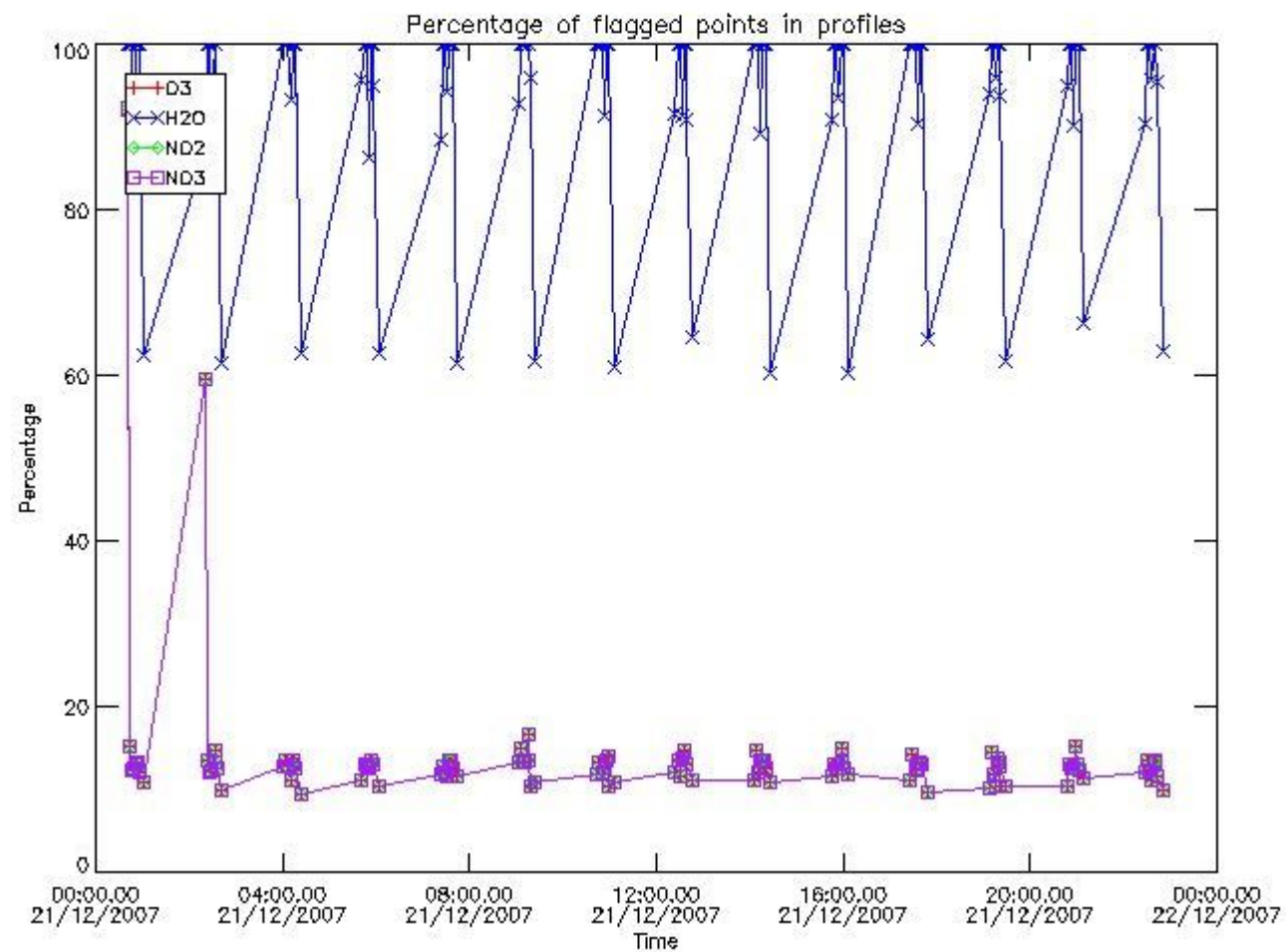
279	GOM_NL__2PRFIN20071221_190941_000000392064_00256_30370_0369.N1	21-DEC-2007 19:09:41	Dark	38.500	95	Zet Cen	2.5450	26000.	77	30370	No
280	GOM_NL__2PRFIN20071221_191238_000000442064_00256_30370_0370.N1	21-DEC-2007 19:12:38	Dark	43.500	64	Gam Cen	2.2000	10600.	87	30370	No
281	GOM_NL__2PRFIN20071221_191523_000000492064_00257_30371_0357.N1	21-DEC-2007 19:15:23	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	30371	No
282	GOM_NL__2PRFIN20071221_191838_000000372064_00257_30371_0358.N1	21-DEC-2007 19:18:38	Dark	37.000	124	The Car	2.7640	30000.	74	30371	No
283	GOM_NL__2PRFIN20071221_192022_000000392064_00257_30371_0359.N1	21-DEC-2007 19:20:22	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30371	No
284	GOM_NL__2PRFIN20071221_192151_000000402064_00257_30371_0360.N1	21-DEC-2007 19:21:51	Dark	40.000	71	Iot Car	2.2460	7700.0	80	30371	No
285	GOM_NL__2PRFIN20071221_192820_000000542064_00257_30371_0361.N1	21-DEC-2007 19:28:20	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	30371	No
286	GOM_NL__2PRFIN20071221_193414_000000382064_00257_30371_0362.N1	21-DEC-2007 19:34:14	Straylight	37.500	108	Alp Col	2.6520	15200.	75	30371	No
287	GOM_NL__2PRFIN20071221_193903_000000432064_00257_30371_0363.N1	21-DEC-2007 19:39:03	Straylight	42.500	101	11Alp Lep	2.5820	7000.0	85	30371	No
288	GOM_NL__2PRFIN20071221_194202_000000542064_00257_30371_0364.N1	21-DEC-2007 19:42:02	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	30371	No
289	GOM_NL__2PRFIN20071221_194408_000000472064_00257_30371_0365.N1	21-DEC-2007 19:44:08	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	30371	No
290	GOM_NL__2PRFIN20071221_194625_000000462064_00257_30371_0366.N1	21-DEC-2007 19:46:25	Tw_i_and_stray	46.000	27	24Gam Ori	1.6360	26000.	92	30371	No
291	GOM_NL__2PRFIN20071221_194916_000000522064_00257_30371_0367.N1	21-DEC-2007 19:49:16	Tw_i_and_stray	51.500	13	87Alp Tau	0.86700	3800.0	103	30371	No
292	GOM_NL__2PRFIN20071221_195311_000000412064_00257_30371_0368.N1	21-DEC-2007 19:53:11	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	30371	No
293	GOM_NL__2PRFIN20071221_195558_000000352064_00257_30371_0369.N1	21-DEC-2007 19:55:58	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30371	No
294	GOM_NL__2PRFIN20071221_195812_000000342064_00257_30371_0370.N1	21-DEC-2007 19:58:12	Bright	34.000	175	39Del Per	3.0100	19400.	68	30371	No
295	GOM_NL__2PRFIN20071221_200950_000000362064_00257_30371_0371.N1	21-DEC-2007 20:09:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30371	No
296	GOM_NL__2PRFIN20071221_201430_000000372064_00257_30371_0372.N1	21-DEC-2007 20:14:30	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30371	No
297	GOM_NL__2PRFIN20071221_201757_000000362064_00257_30371_0373.N1	21-DEC-2007 20:17:57	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	30371	No
298	GOM_NL__2PRFIN20071221_202512_000000382064_00257_30371_0374.N1	21-DEC-2007 20:25:12	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	30371	No
299	GOM_NL__2PRFIN20071221_202832_000000372064_00257_30371_0375.N1	21-DEC-2007 20:28:32	Bright	36.500	83		2.3780	11000.	73	30371	No
300	GOM_NL__2PRFIN20071221_203826_000000342064_00257_30371_0376.N1	21-DEC-2007 20:38:26	Bright	34.000	104	27Bet Lib	2.6140	13100.	68	30371	No
301	GOM_NL__2PRFIN20071221_204047_000000372064_00257_30371_0377.N1	21-DEC-2007 20:40:47	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	30371	No
302	GOM_NL__2PRFIN20071221_204720_000000502064_00257_30371_0378.N1	21-DEC-2007 20:47:20	Dark	49.500	54	5The Cen	2.0550	4500.0	99	30371	No
303	GOM_NL__2PRFIN20071221_205017_000000392064_00257_30371_0379.N1	21-DEC-2007 20:50:17	Dark	39.000	95	Zet Cen	2.5450	26000.	78	30371	No
304	GOM_NL__2PRFIN20071221_205315_000000412064_00257_30371_0380.N1	21-DEC-2007 20:53:15	Dark	40.500	64	Gam Cen	2.2000	10600.	81	30371	No
305	GOM_NL__2PRFIN20071221_205559_000000412064_00258_30372_0365.N1	21-DEC-2007 20:55:59	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30372	No
306	GOM_NL__2PRFIN20071221_205915_000000372064_00258_30372_0366.N1	21-DEC-2007 20:59:15	Dark	37.000	124	The Car	2.7640	30000.	74	30372	No
307	GOM_NL__2PRFIN20071221_210058_000000392064_00258_30372_0367.N1	21-DEC-2007 21:00:58	Dark	39.000	159	Ups Car	2.9200	7200.0	78	30372	No
308	GOM_NL__2PRFIN20071221_210227_000000422064_00258_30372_0368.N1	21-DEC-2007 21:02:27	Dark	41.500	71	Iot Car	2.2460	7700.0	83	30372	No
309	GOM_NL__2PRFIN20071221_210856_000000452064_00258_30372_0369.N1	21-DEC-2007 21:08:56	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	30372	No
310	GOM_NL__2PRFIN20071221_211450_000000402064_00258_30372_0370.N1	21-DEC-2007 21:14:50	Straylight	39.500	108	Alp Col	2.6520	15200.	79	30372	No
311	GOM_NL__2PRFIN20071221_211940_000000422064_00258_30372_0371.N1	21-DEC-2007 21:19:40	Straylight	41.500	101	11Alp Lep	2.5820	7000.0	83	30372	No
312	GOM_NL__2PRFIN20071221_212238_000000472064_00258_30372_0372.N1	21-DEC-2007 21:22:38	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	30372	No
313	GOM_NL__2PRFIN20071221_212444_000000472064_00258_30372_0373.N1	21-DEC-2007 21:24:44	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	30372	No
314	GOM_NL__2PRFIN20071221_212701_000000442064_00258_30372_0374.N1	21-DEC-2007 21:27:01	Tw_i_and_stray	44.000	27	24Gam Ori	1.6360	26000.	88	30372	No
315	GOM_NL__2PRFIN20071221_212952_000000522064_00258_30372_0375.N1	21-DEC-2007 21:29:52	Tw_i_and_stray	52.000	13	87Alp Tau	0.86700	3800.0	104	30372	No
316	GOM_NL__2PRFIN20071221_213347_000000412064_00258_30372_0376.N1	21-DEC-2007 21:33:47	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	30372	No
317	GOM_NL__2PRFIN20071221_213634_000000342064_00258_30372_0377.N1	21-DEC-2007 21:36:34	Bright	33.500	149	45Eps Per	2.8880	30000.	67	30372	No
318	GOM_NL__2PRFIN20071221_213848_000000522064_00258_30372_0378.N1	21-DEC-2007 21:38:48	Bright	52.000	175	39Del Per	3.0100	19400.	104	30372	No
319	GOM_NL__2PRFIN20071221_215026_000000362064_00258_30372_0379.N1	21-DEC-2007 21:50:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30372	No
320	GOM_NL__2PRFIN20071221_215506_000000362064_00258_30372_0380.N1	21-DEC-2007 21:55:06	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	30372	No
321	GOM_NL__2PRFIN20071221_215833_000000362064_00258_30372_0381.N1	21-DEC-2007 21:58:33	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30372	No
322	GOM_NL__2PRFIN20071221_220548_000000382064_00258_30372_0382.N1	21-DEC-2007 22:05:48	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	30372	No
323	GOM_NL__2PRFIN20071221_220908_000000502064_00258_30372_0383.N1	21-DEC-2007 22:09:08	Bright	50.000	83		2.3780	11000.	100	30372	No
324	GOM_NL__2PRFIN20071221_221902_000000332064_00258_30372_0384.N1	21-DEC-2007 22:19:02	Bright	33.000	104	27Bet Lib	2.6140	13100.	66	30372	No
325	GOM_NL__2PRFIN20071221_222123_000000372064_00258_30372_0385.N1	21-DEC-2007 22:21:23	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	30372	No
326	GOM_NL__2PRFIN20071221_222757_000000422064_00258_30372_0386.N1	21-DEC-2007 22:27:57	Dark	42.000	54	5The Cen	2.0550	4500.0	84	30372	No
327	GOM_NL__2PRFIN20071221_223054_000000382064_00258_30372_0387.N1	21-DEC-2007 22:30:54	Dark	38.000	95	Zet Cen	2.5450	26000.	76	30372	No
328	GOM_NL__2PRFIN20071221_223352_000000422064_00258_30372_0388.N1	21-DEC-2007 22:33:52	Dark	41.500	64	Gam Cen	2.2000	10600.	83	30372	No
329	GOM_NL__2PRFIN20071221_223635_000000462064_00259_30373_0385.N1	21-DEC-2007 22:36:35	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	30373	No
330	GOM_NL__2PRFIN20071221_223951_000000382064_00259_30373_0386.N1	21-DEC-2007 22:39:51	Dark	37.500	124	The Car	2.7640	30000.	75	30373	No
331	GOM_NL__2PRFIN20071221_224134_000000392064_00259_30373_0387.N1	21-DEC-2007 22:41:34	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30373	No
332	GOM_NL__2PRFIN20071221_224304_000000452064_00259_30373_0388.N1	21-DEC-2007 22:43:04	Dark	44.500	71	Iot Car	2.2460	7700.0	89	30373	No
333	GOM_NL__2PRFIN20071221_224932_000000522064_00259_30373_0389.N1	21-DEC-2007 22:49:32	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	30373	No
334	GOM_NL__2PRFIN20071221_225526_000000402064_00259_30373_0390.N1	21-DEC-2007 22:55:26	Straylight	40.000	108	Alp Col	2.6520	15200.	80	30373	No
335	GOM_NL__2PRFIN20071221_230016_000000412064_00259_30373_0391.N1	21-DEC-2007 23:00:16	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	30373	No
336	GOM_NL__2PRFIN20071221_230314_000000472064_00259_30373_0392.N1	21-DEC-2007 23:03:14	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	30373	No
337	GOM_NL__2PRFIN20071221_230519_000000462064_00259_30373_0393.N1	21-DEC-2007 23:05:19	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	30373	No

338	GOM_NL__2PRFIN20071221_230736_000000442064_00259_30373_0394.N1	21-DEC-2007 23:07:36	Twilight_stray	44.000	27	24Gam Ori	1.6360	26000.	88	30373	No
339	GOM_NL__2PRFIN20071221_231028_000000522064_00259_30373_0395.N1	21-DEC-2007 23:10:28	Twilight_stray	52.000	13	87Alp Tau	0.86700	3800.0	104	30373	No
340	GOM_NL__2PRFIN20071221_231422_000000412064_00259_30373_0396.N1	21-DEC-2007 23:14:22	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	30373	No
341	GOM_NL__2PRFIN20071221_231710_000000342064_00259_30373_0397.N1	21-DEC-2007 23:17:10	Bright	33.500	149	45Eps Per	2.8880	30000.	67	30373	No
342	GOM_NL__2PRFIN20071221_231924_000000332064_00259_30373_0398.N1	21-DEC-2007 23:19:24	Bright	33.000	175	39Del Per	3.0100	19400.	66	30373	No
343	GOM_NL__2PRFIN20071221_233102_000000352064_00259_30373_0399.N1	21-DEC-2007 23:31:02	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30373	No
344	GOM_NL__2PRFIN20071221_233541_000000382064_00259_30373_0400.N1	21-DEC-2007 23:35:41	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30373	No
345	GOM_NL__2PRFIN20071221_233909_000000322064_00259_30373_0401.N1	21-DEC-2007 23:39:09	Bright	31.500	119	14Eta Dra	2.7270	4700.0	63	30373	No
346	GOM_NL__2PRFIN20071221_234624_000000572064_00259_30373_0402.N1	21-DEC-2007 23:46:24	Bright	57.000	180	27Gam Boo	3.0400	8000.0	114	30373	No
347	GOM_NL__2PRFIN20071221_234944_000000562064_00259_30373_0403.N1	21-DEC-2007 23:49:44	Bright	56.000	83		2.3780	11000.	112	30373	No
348	GOM_NL__2PRFIN20071221_235938_000000352064_00259_30373_0404.N1	21-DEC-2007 23:59:38	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	30373	No

### 3. Quality information per product

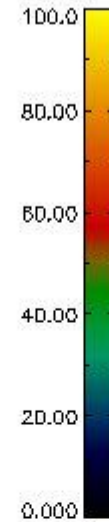
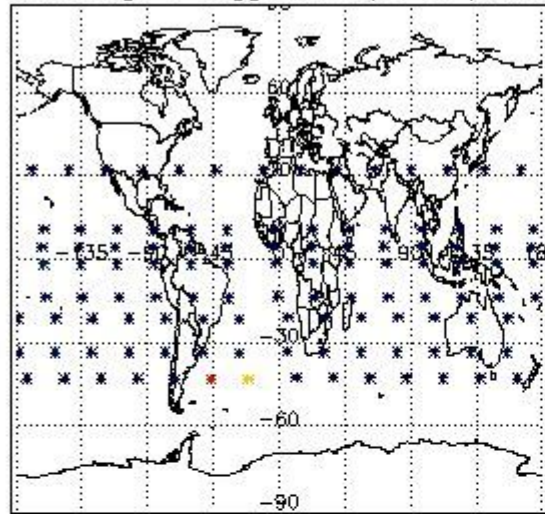
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

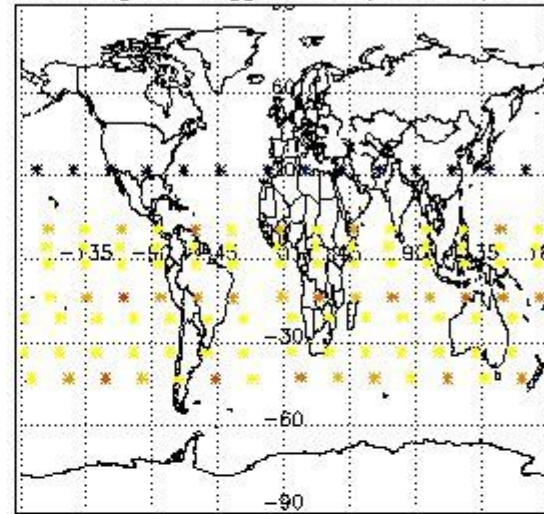


#### 3.2 Plot quality information per product (world map)

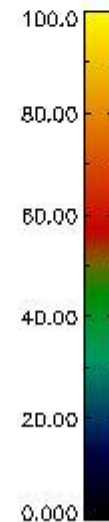
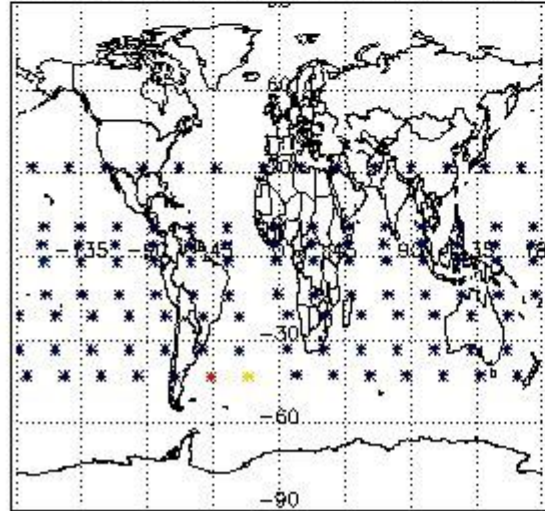
Percentage of flagged data per O3 profile



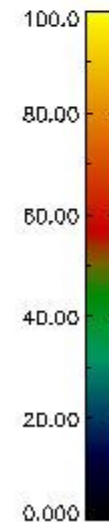
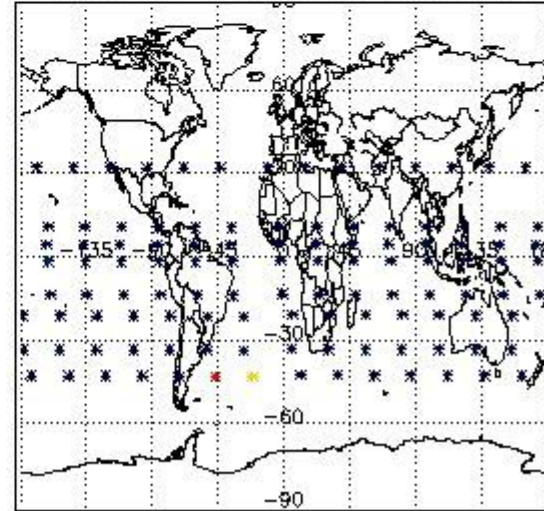
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

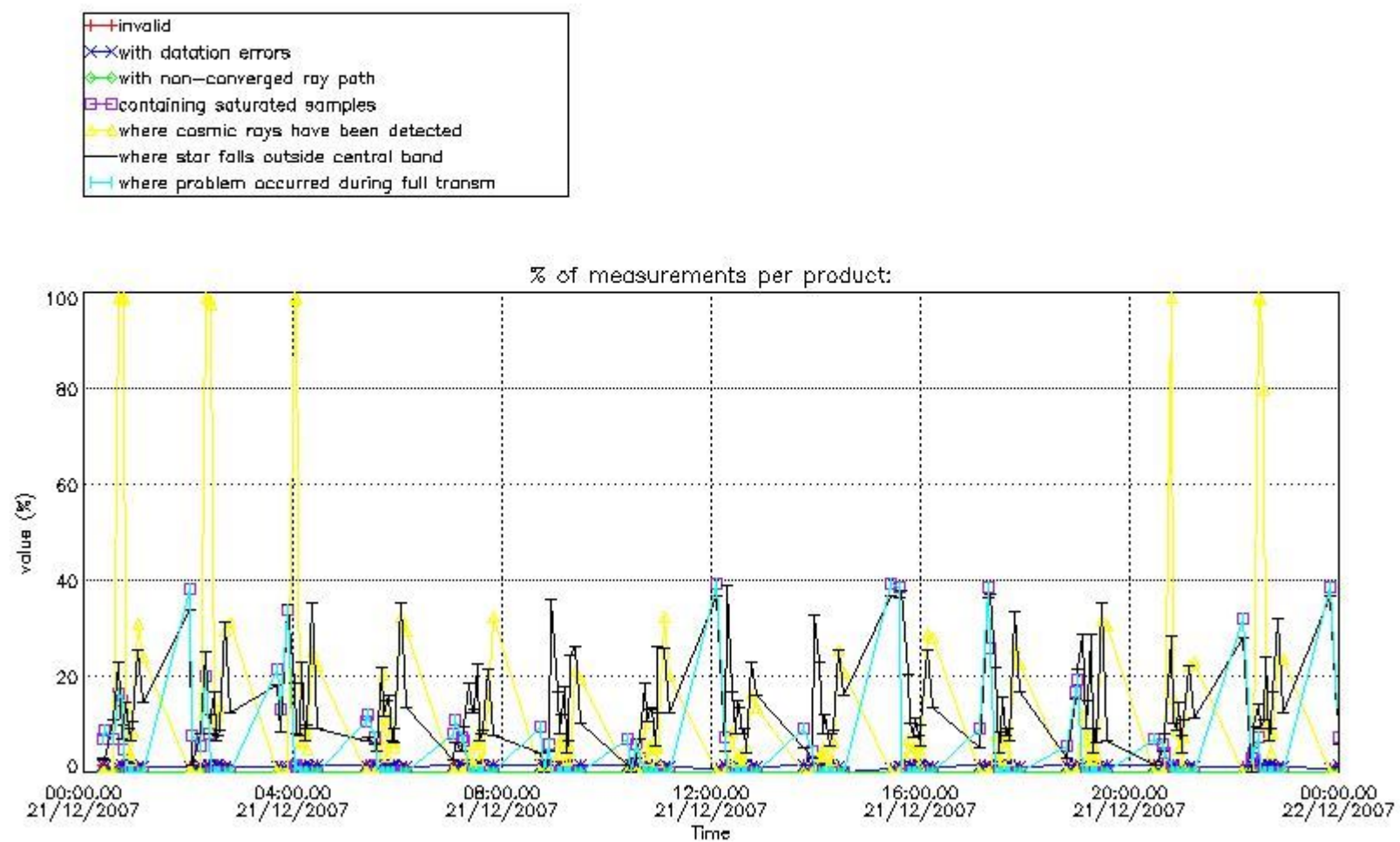


#### 4. Level 1 quality information per product

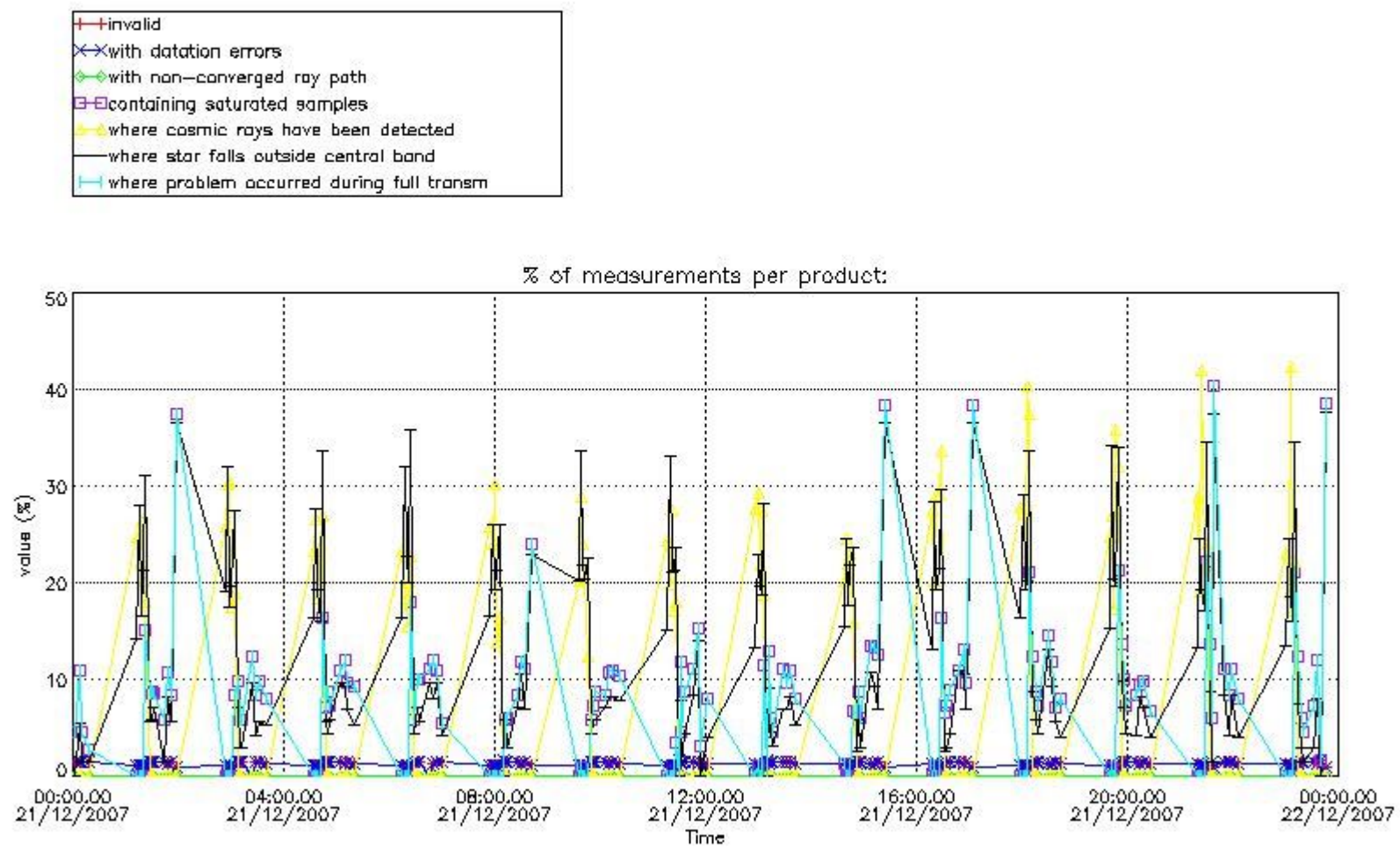
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



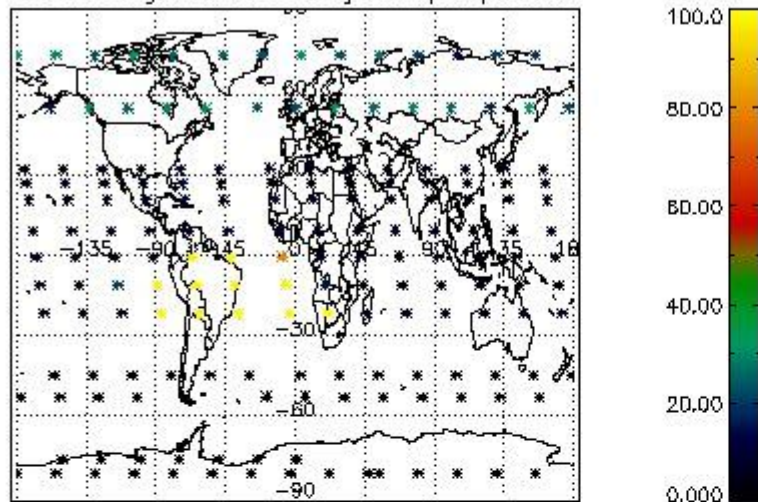
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



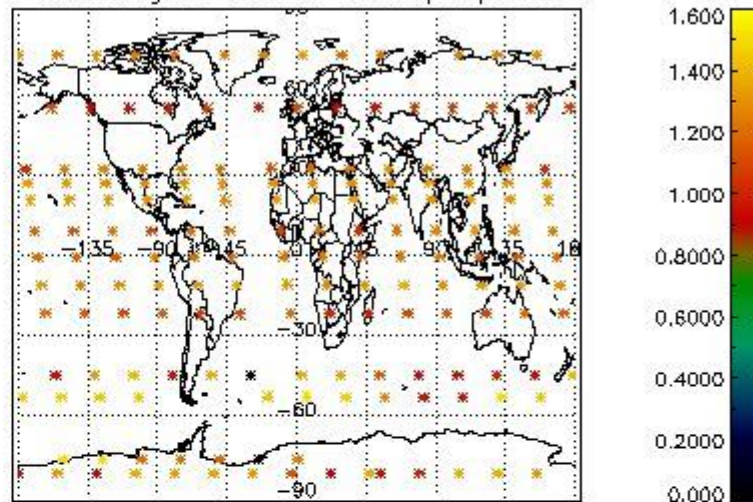
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

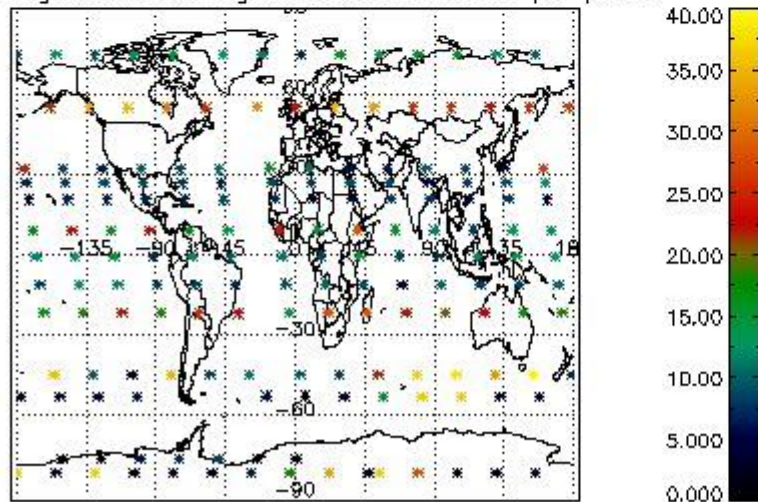
Percentage of cosmic ray hits per profile



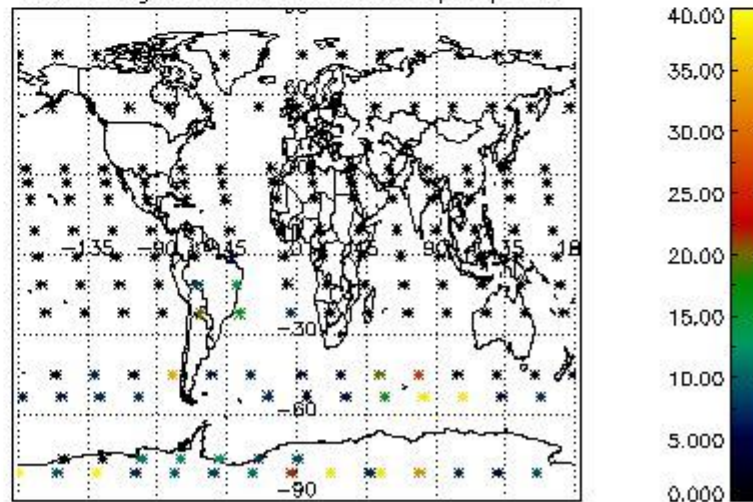
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

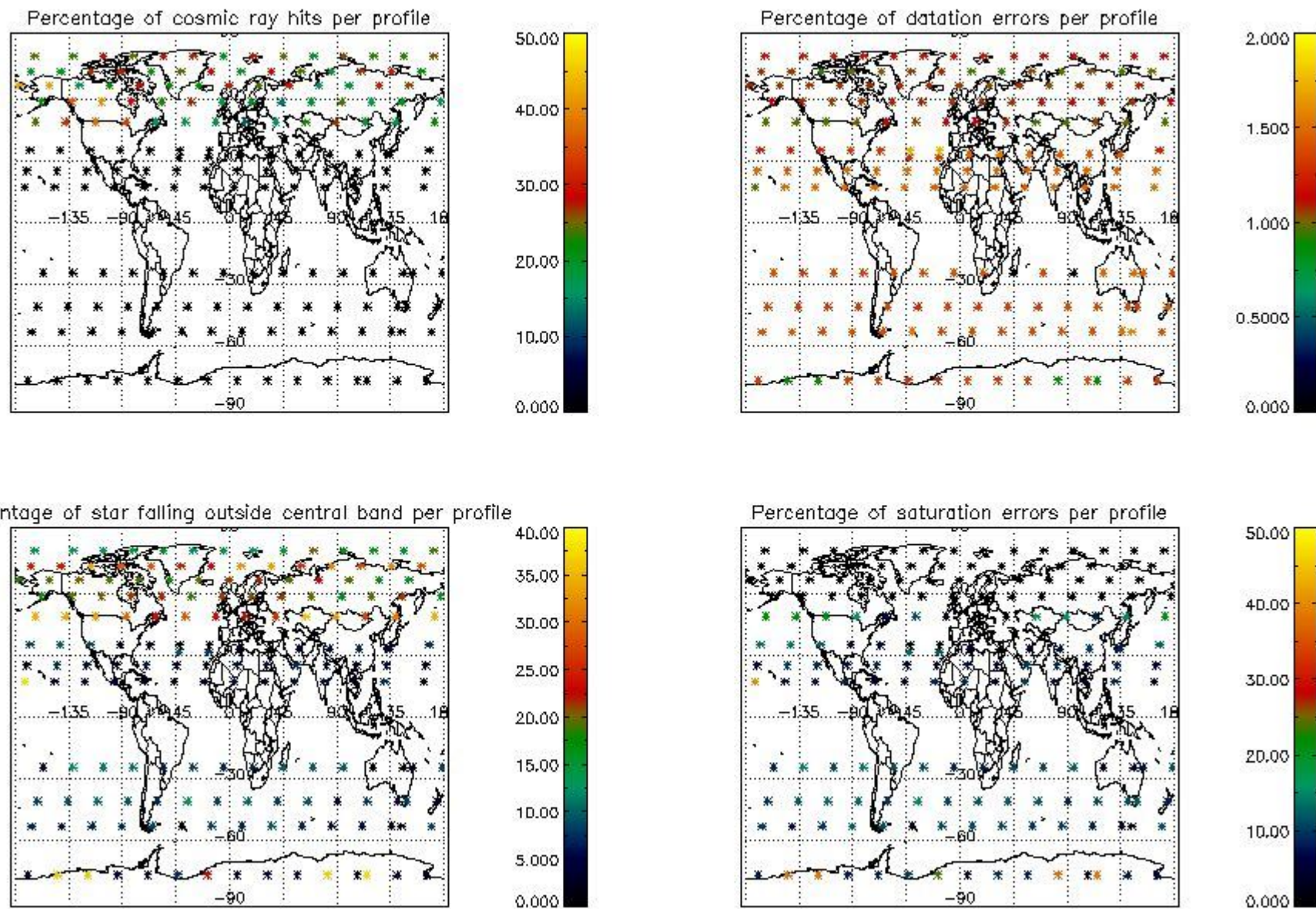


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

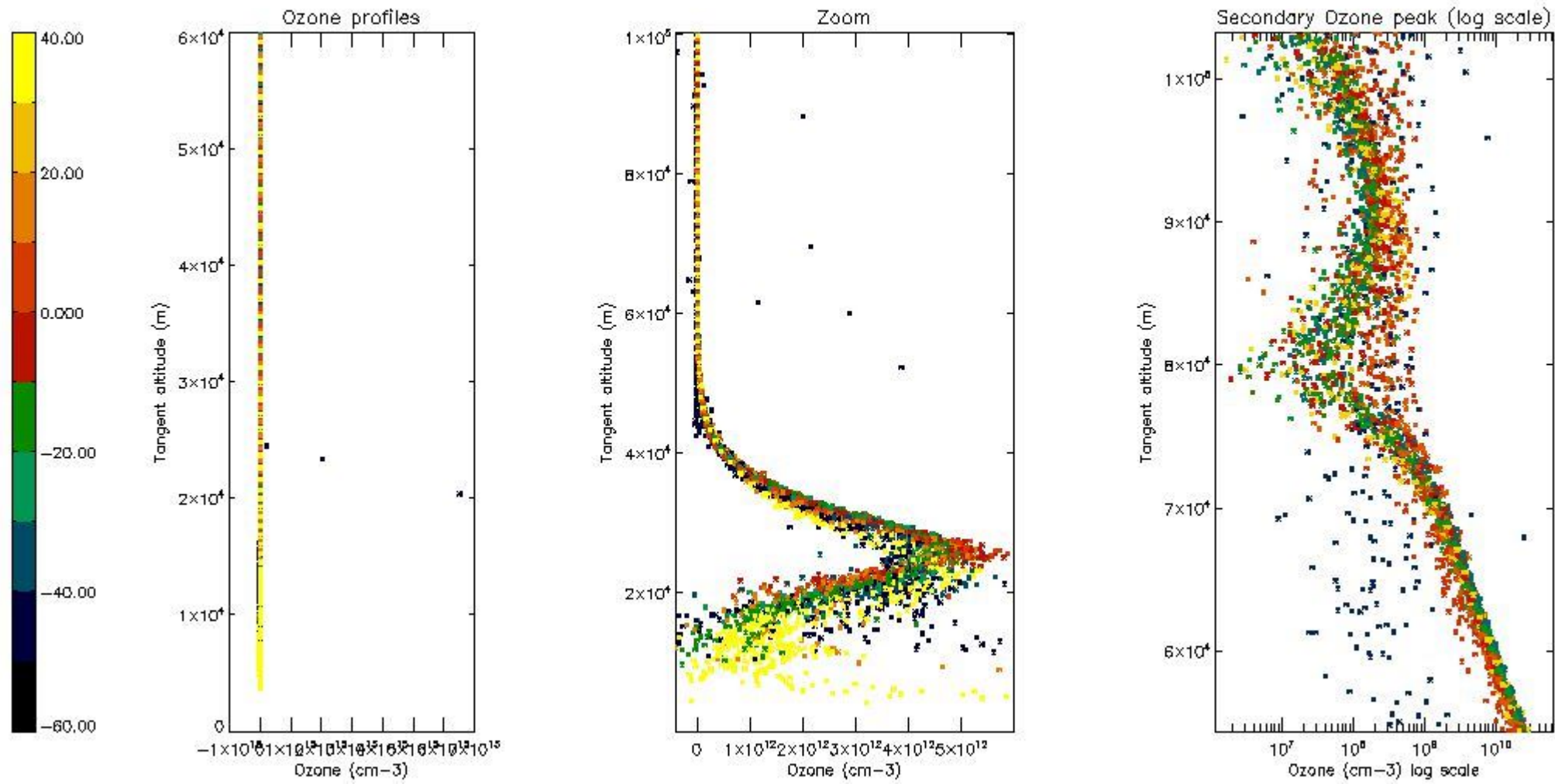
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	13
STD < 5	9

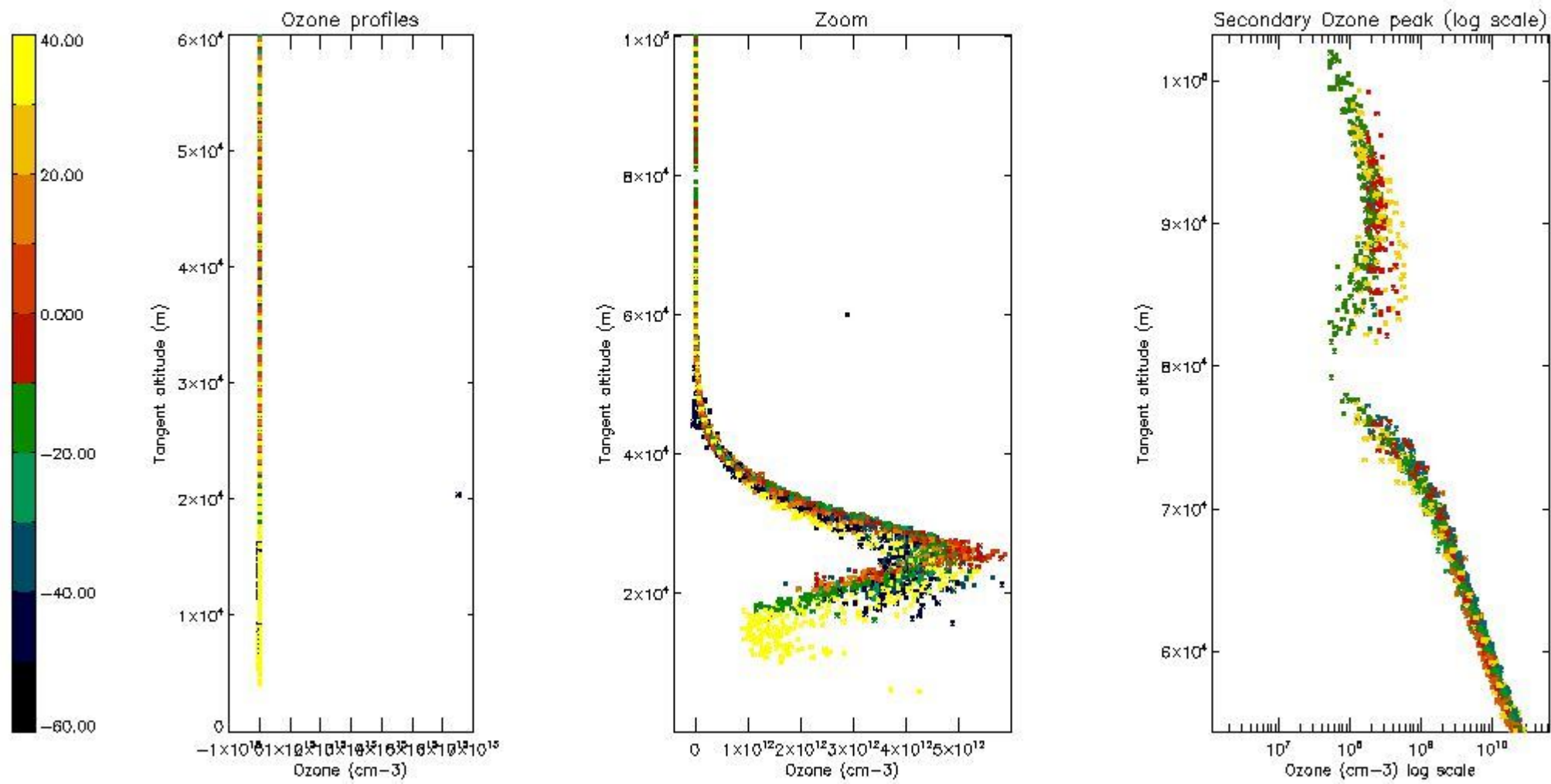
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



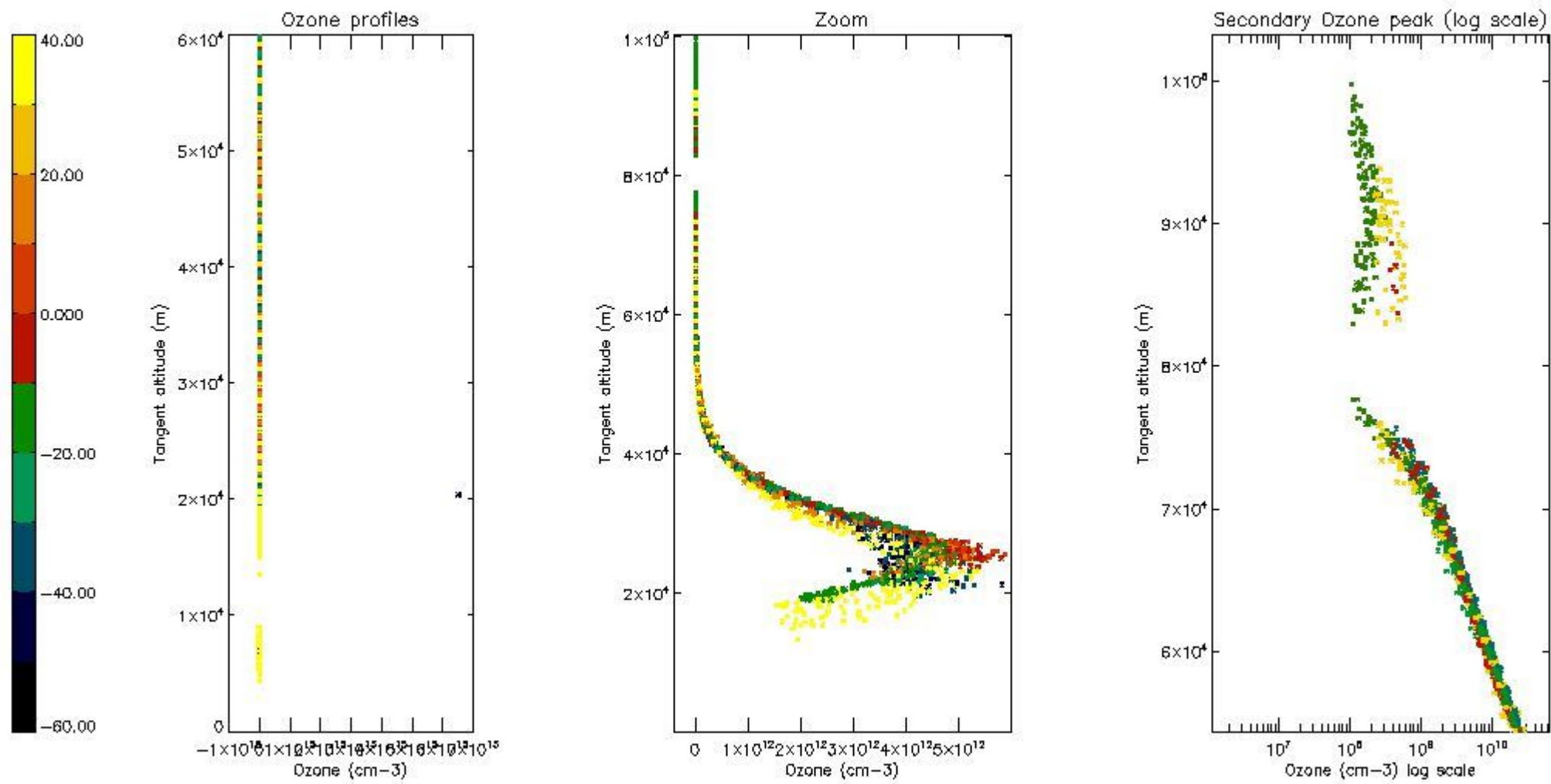
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



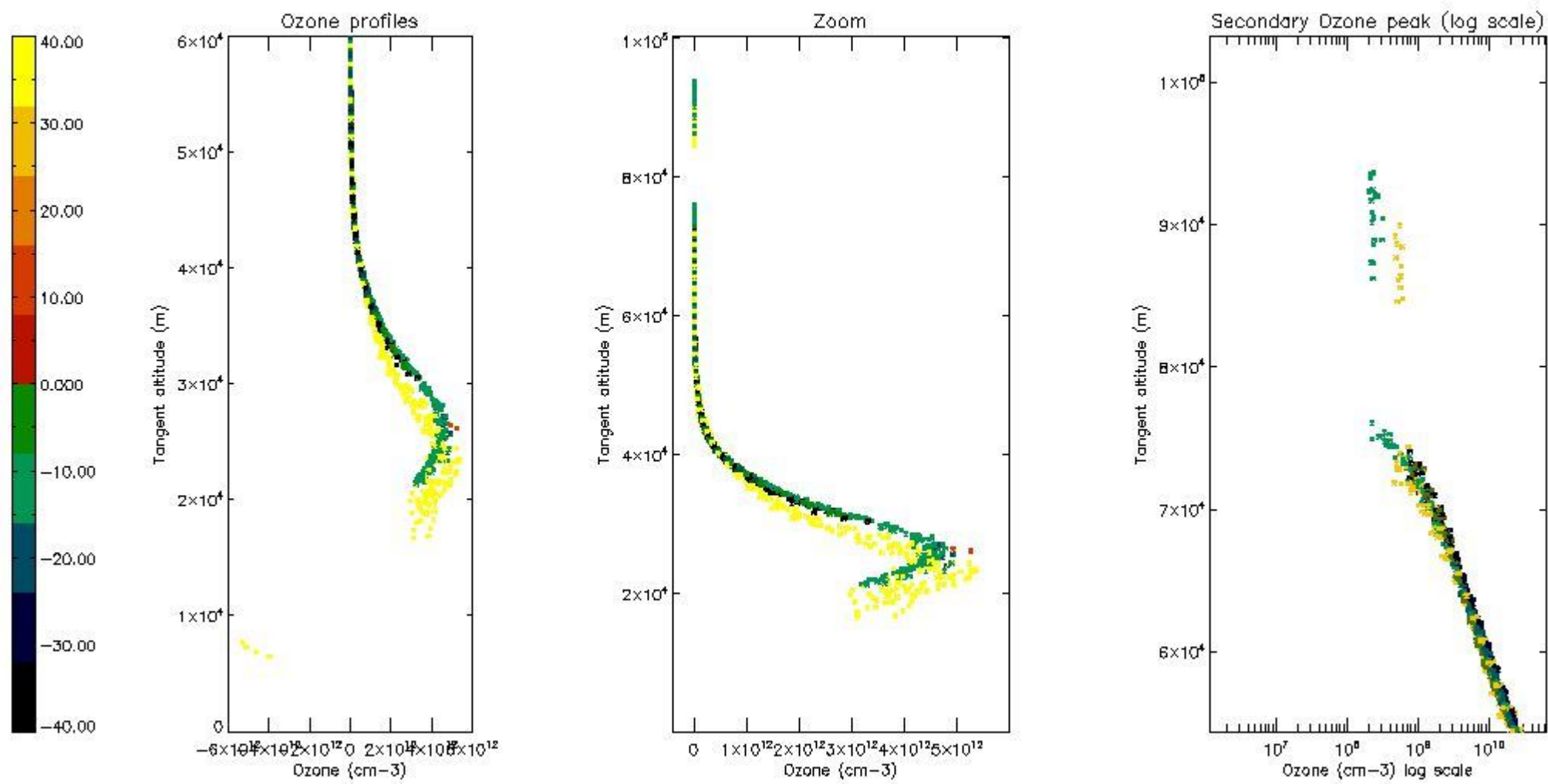
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



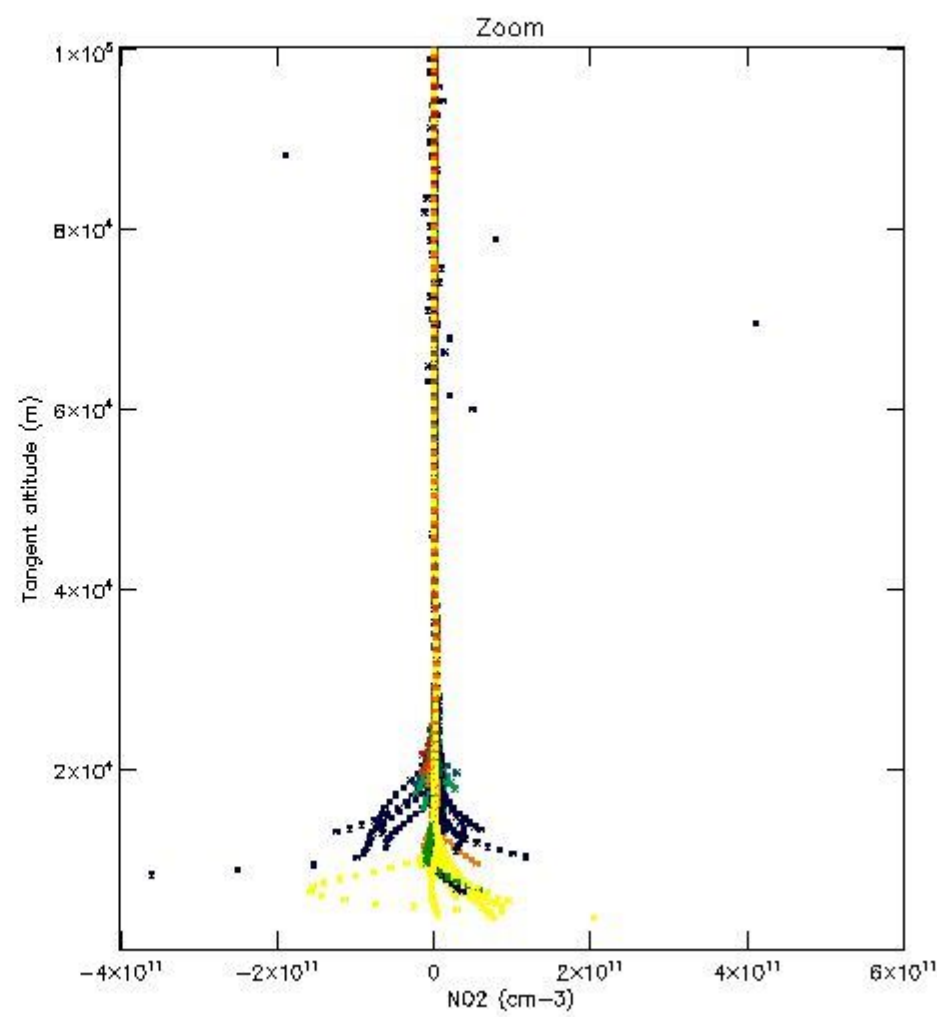
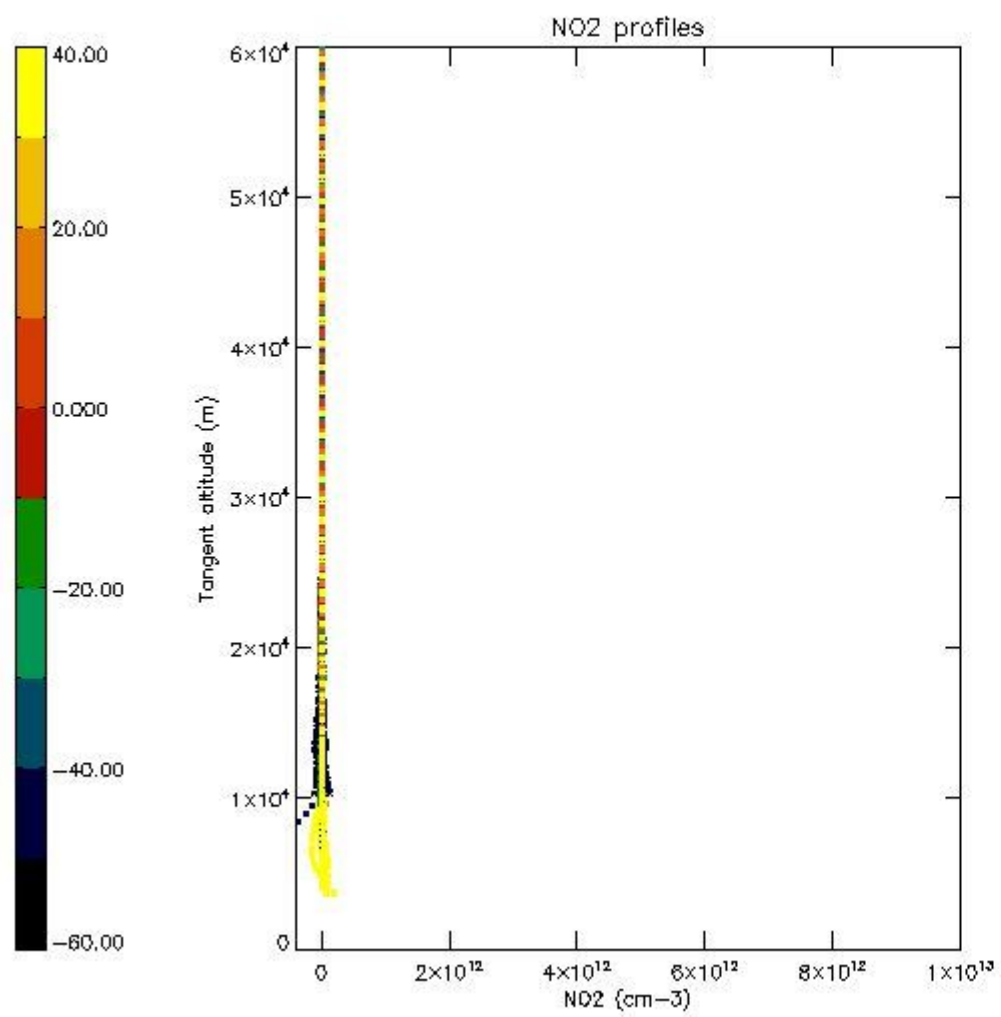
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



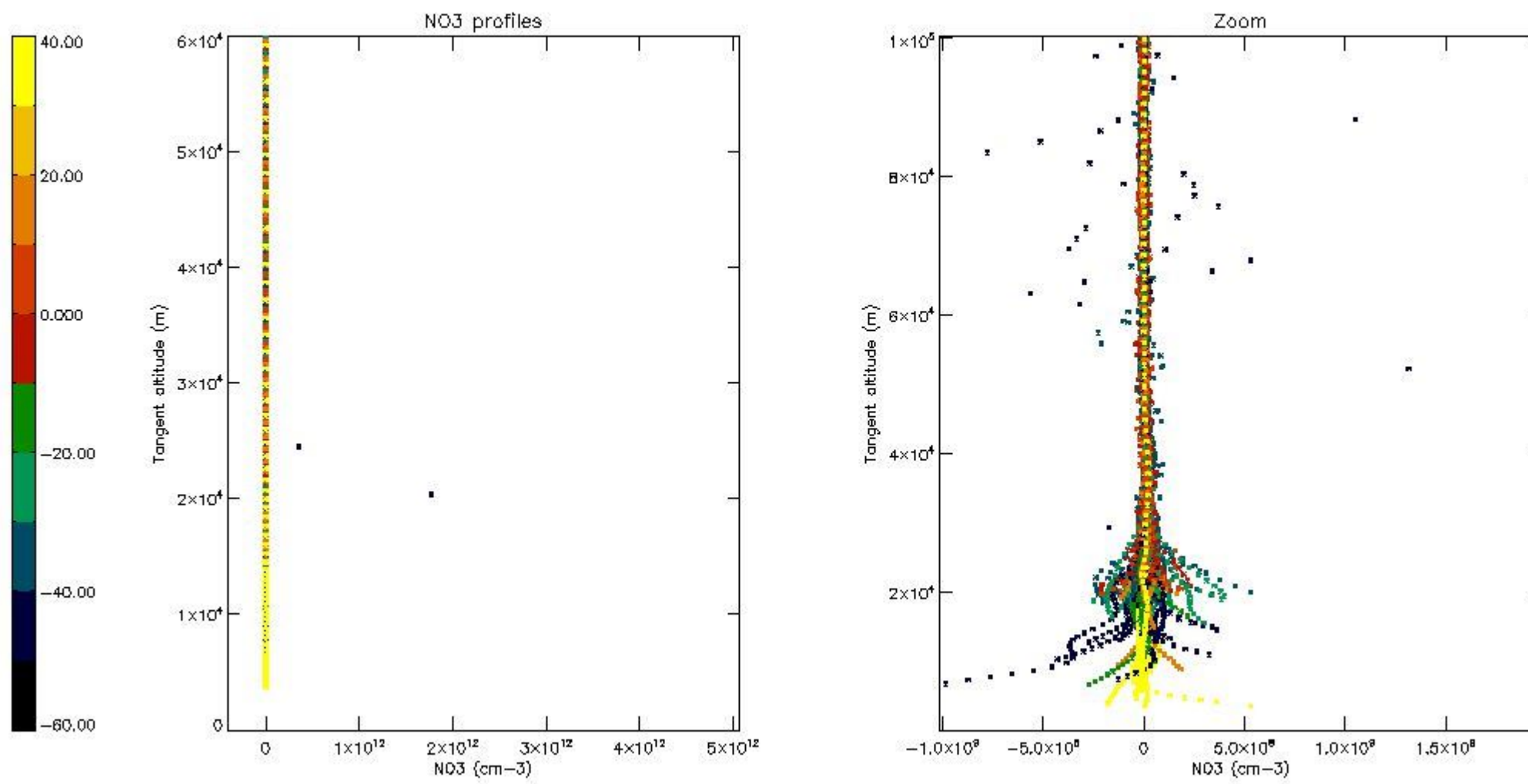
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



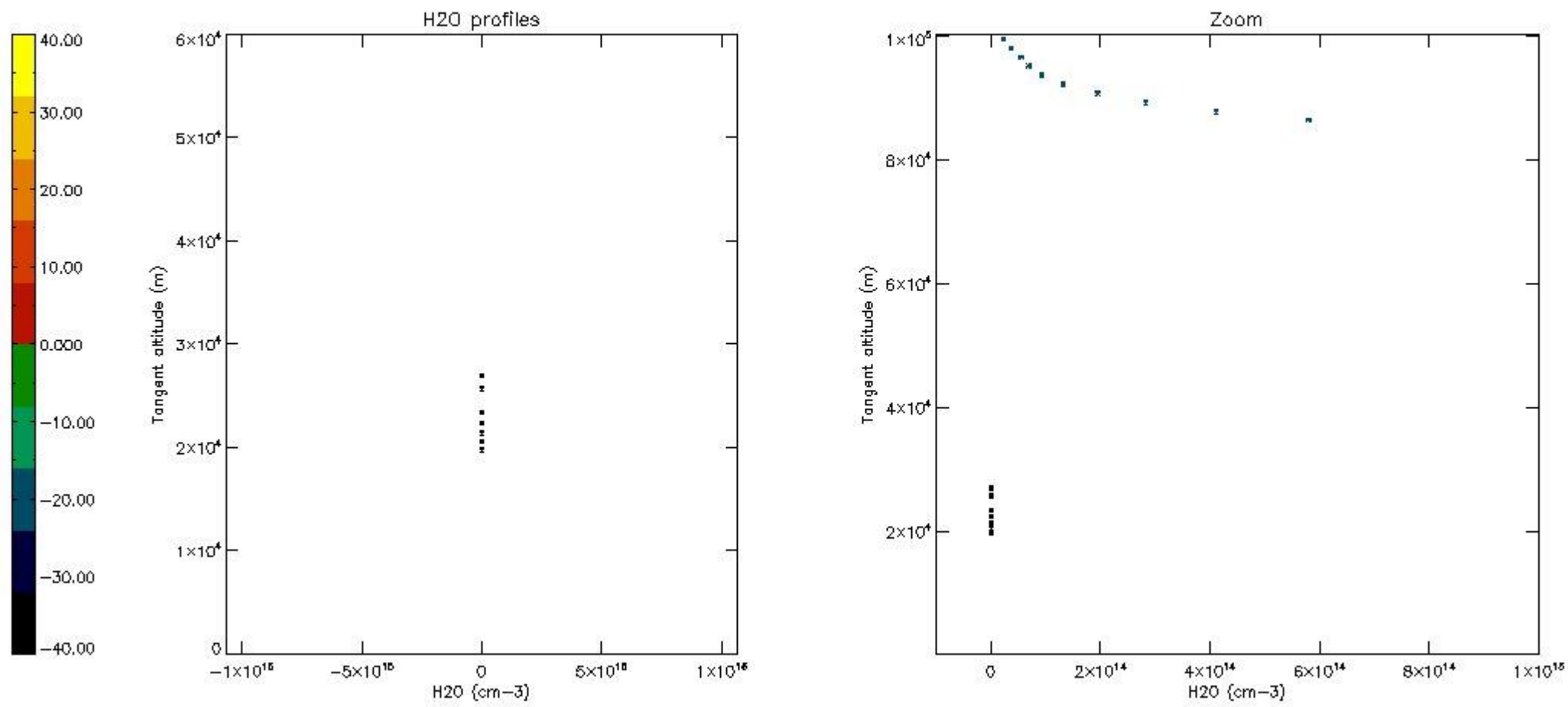
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot 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.

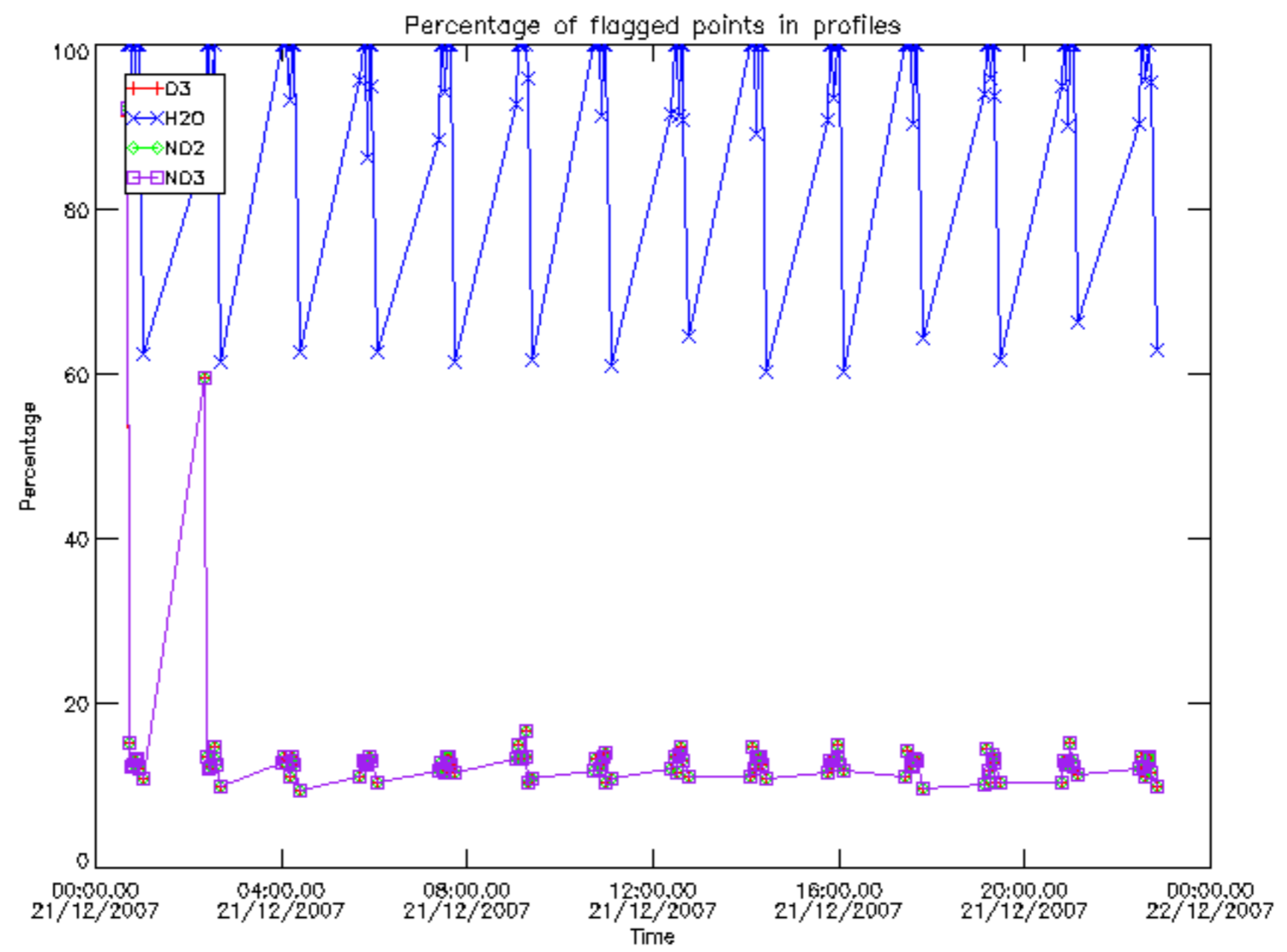


## 6. Auxiliary Data Files used for the production reported in section 2

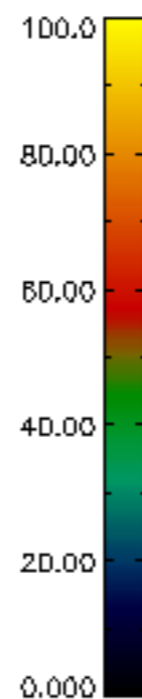
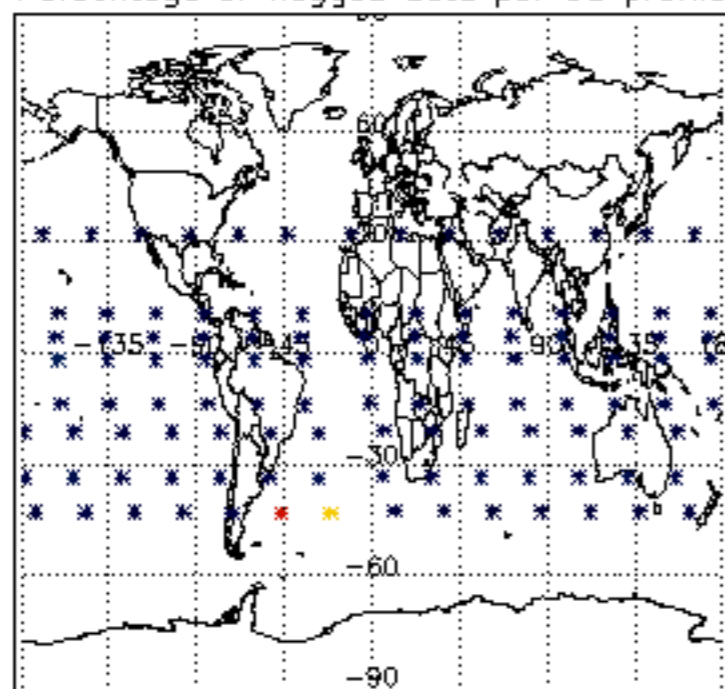
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-DEC-2007 00:02:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-DEC-2007 00:02:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-DEC-2007 00:02:39

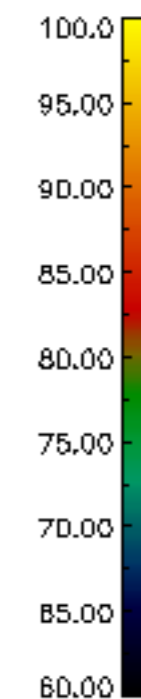
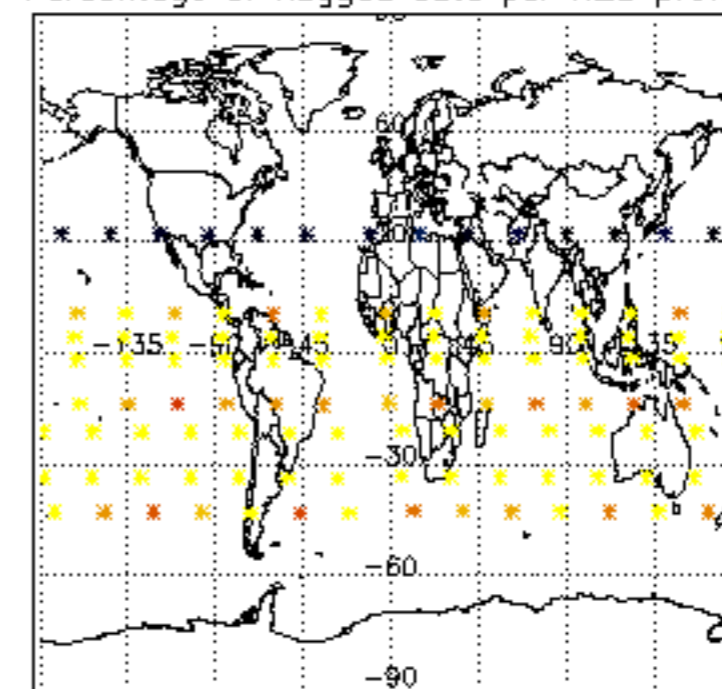




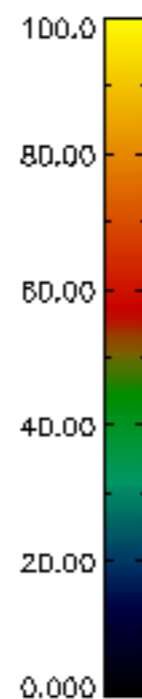
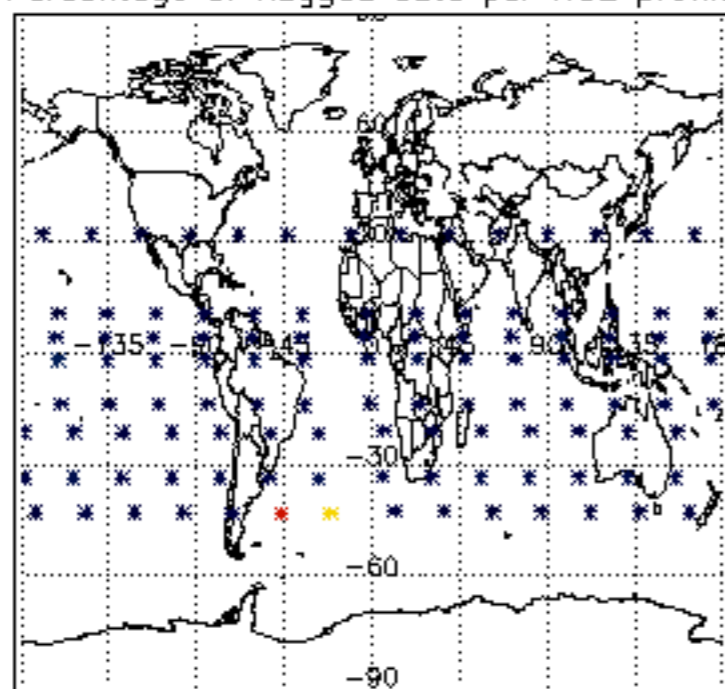
Percentage of flagged data per D3 profile



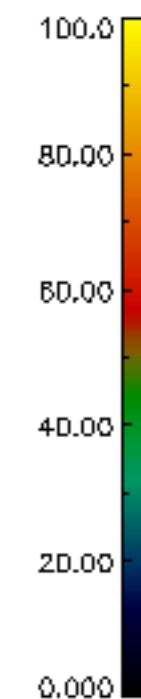
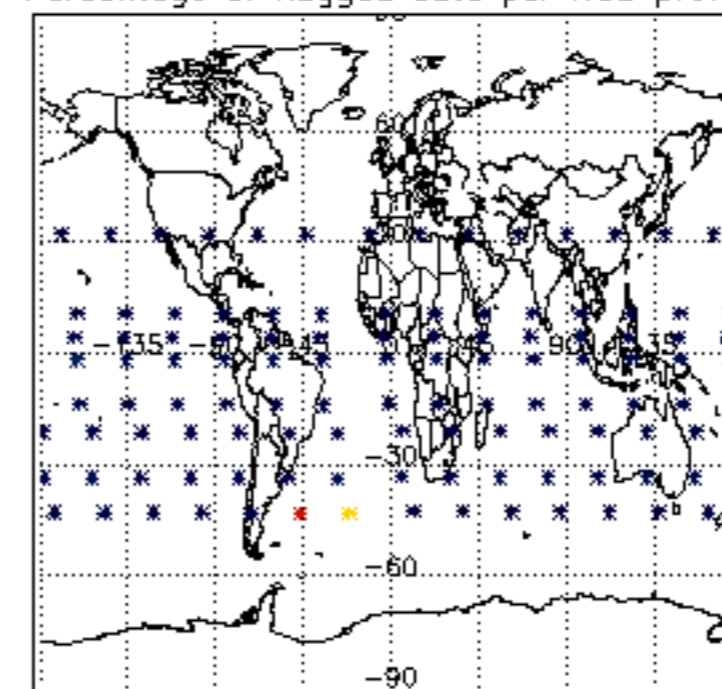
Percentage of flagged data per H2O profile

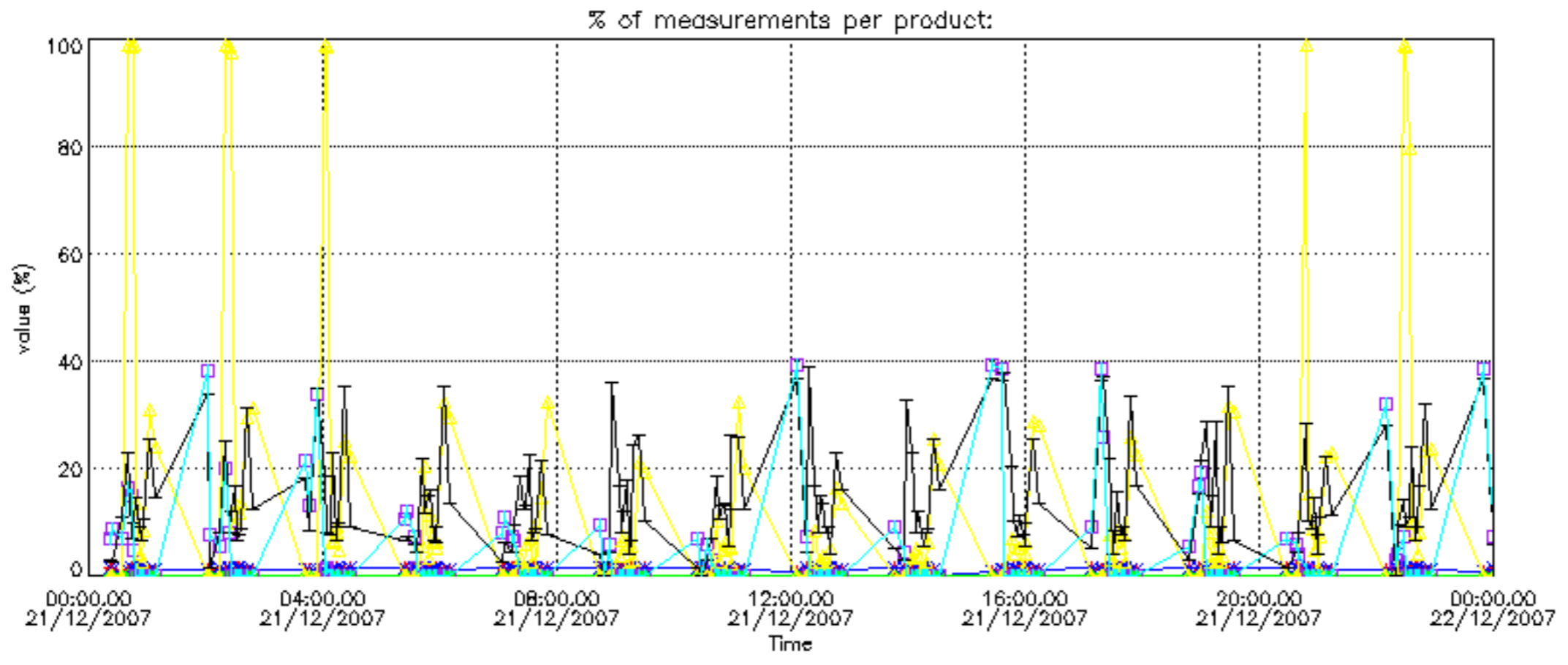


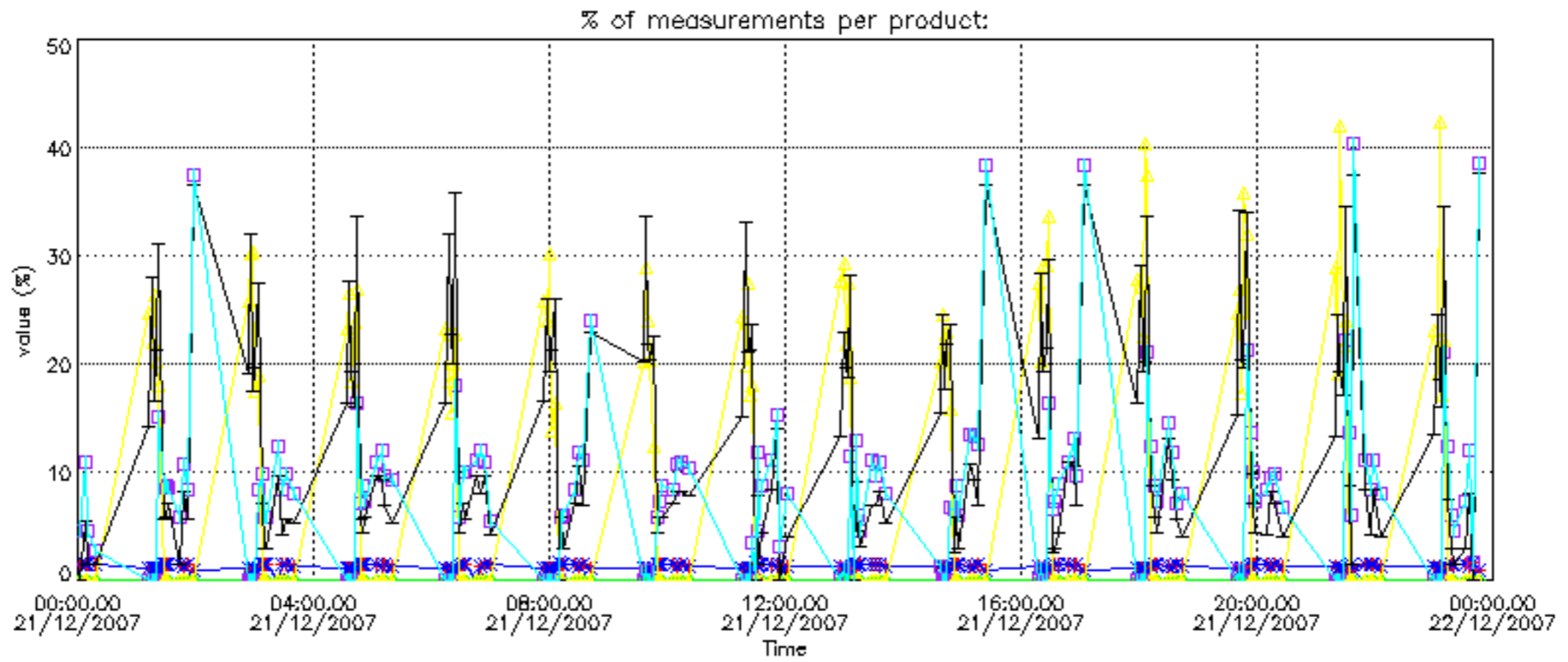
Percentage of flagged data per NO2 profile



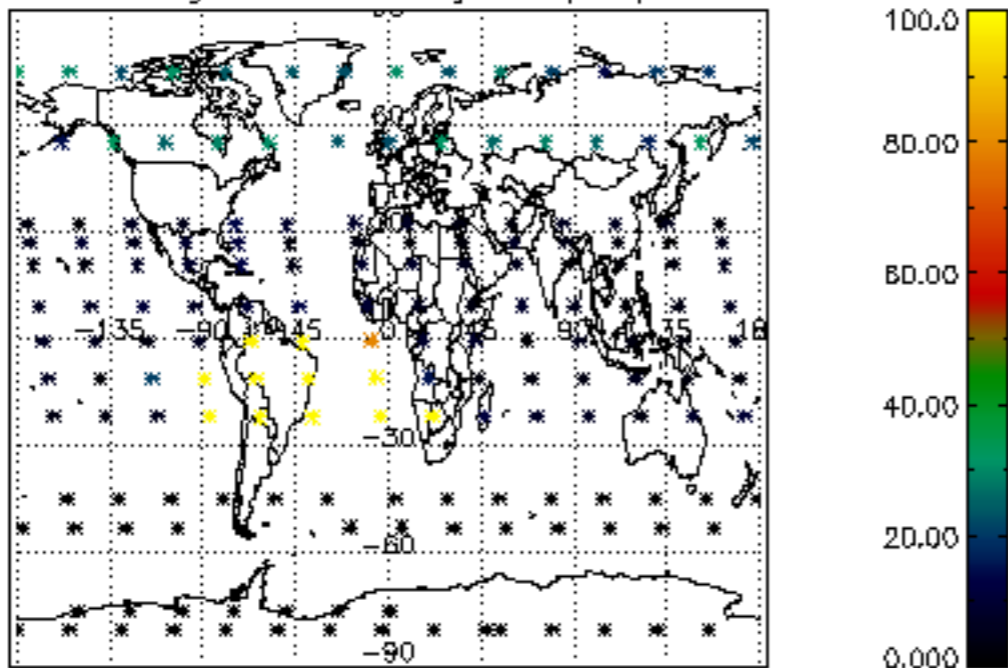
Percentage of flagged data per NO3 profile



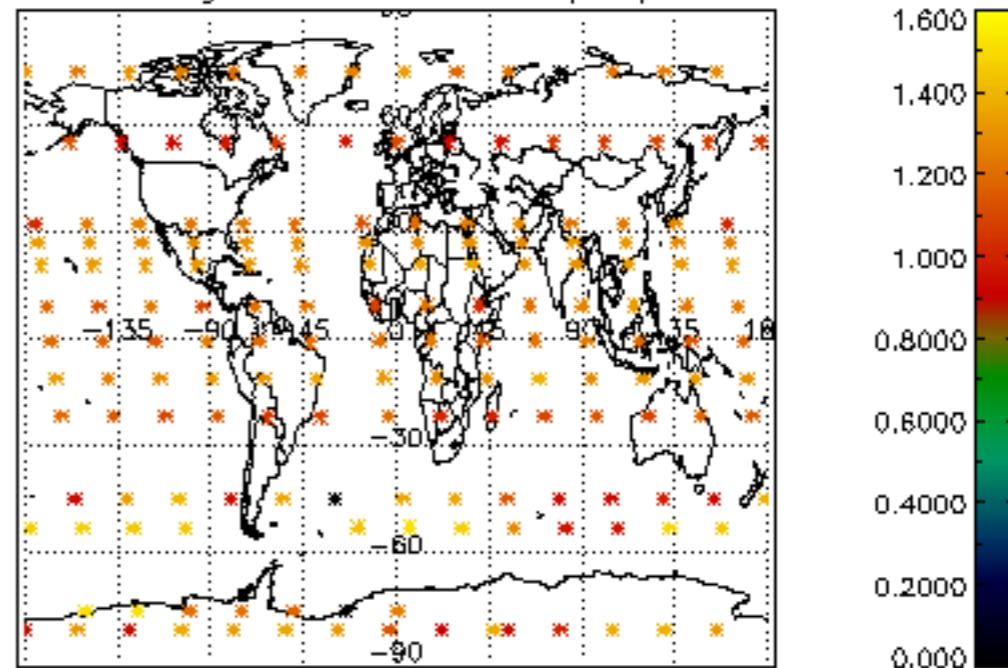




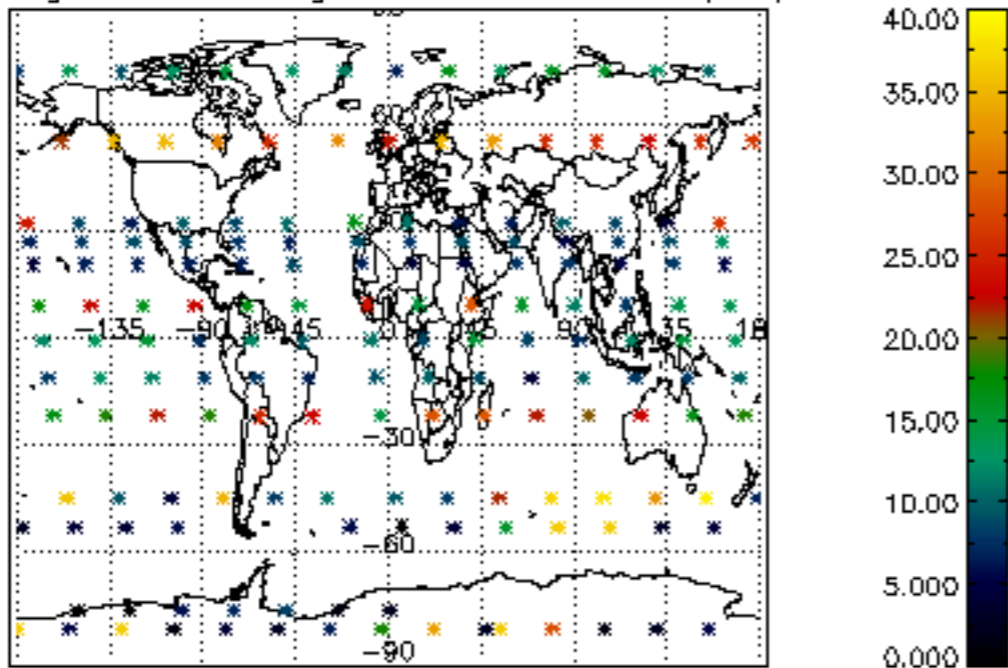
Percentage of cosmic ray hits per profile



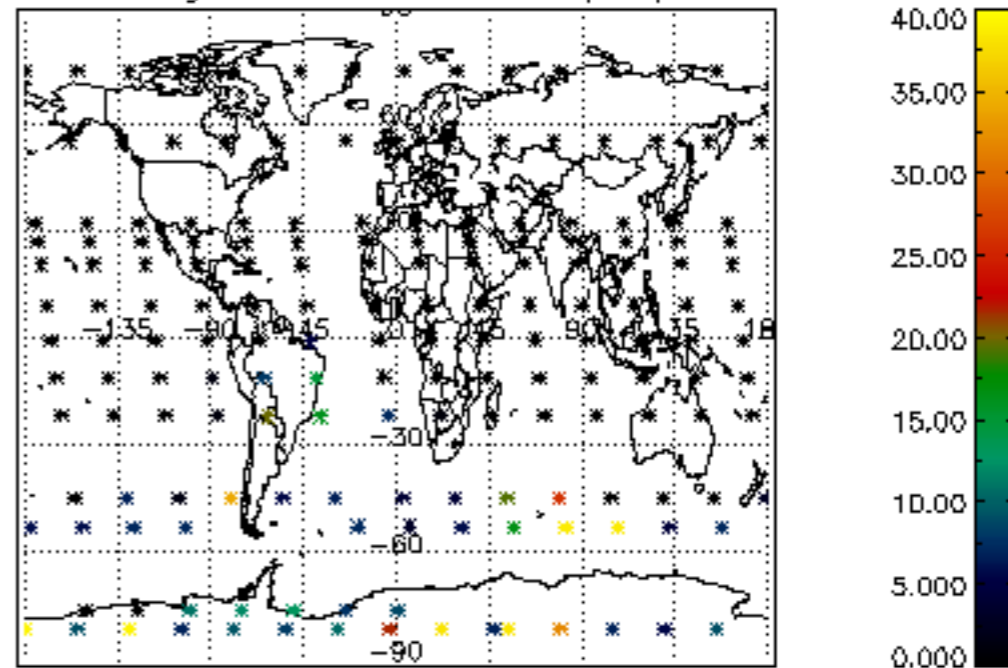
Percentage of datation errors per profile



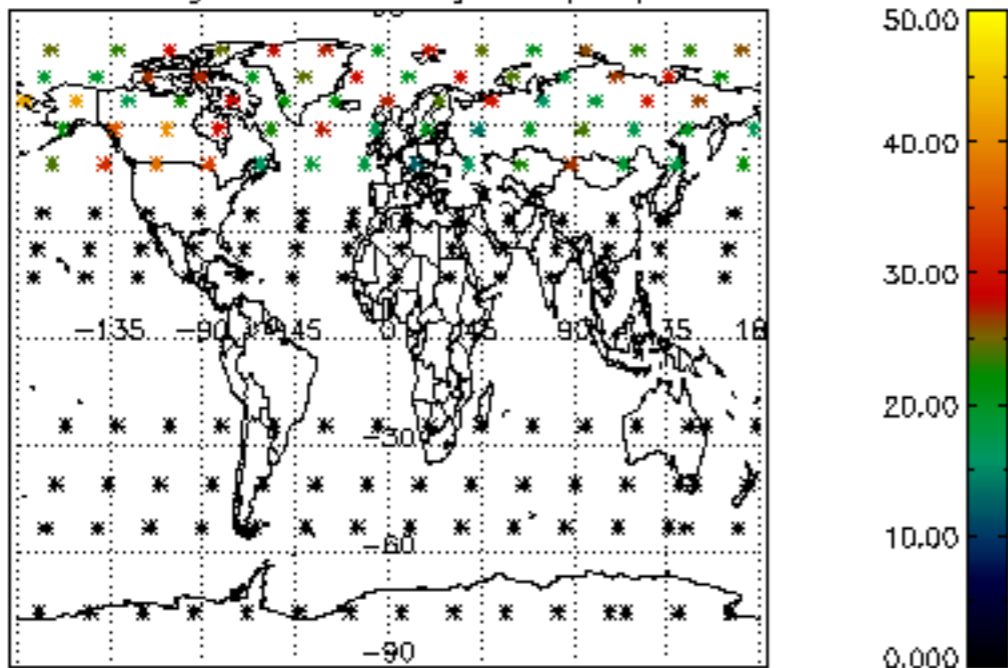
Percentage of star falling outside central band per profile



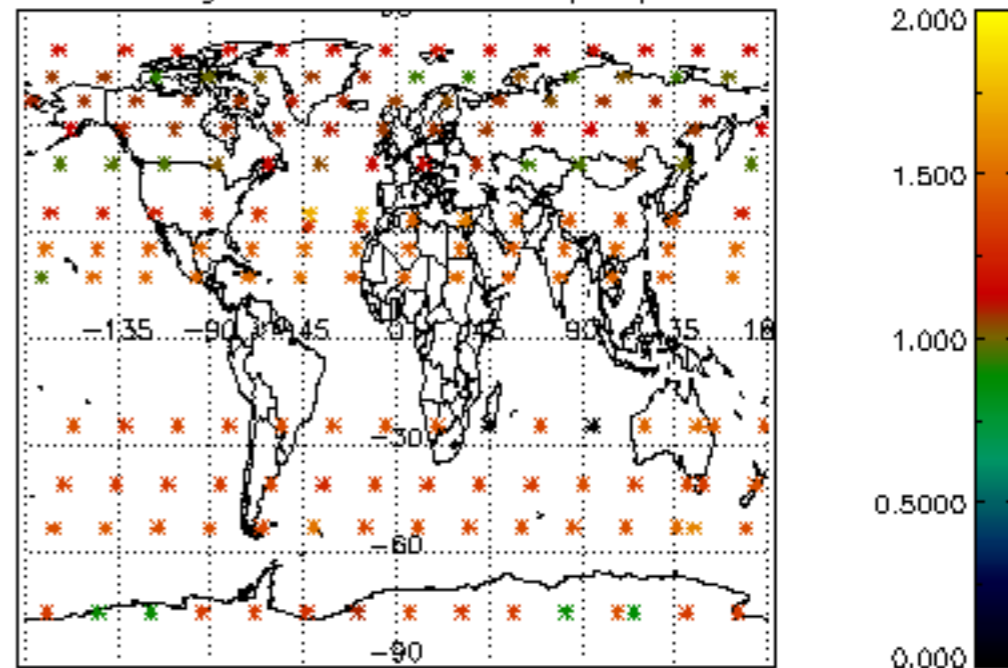
Percentage of saturation errors per profile



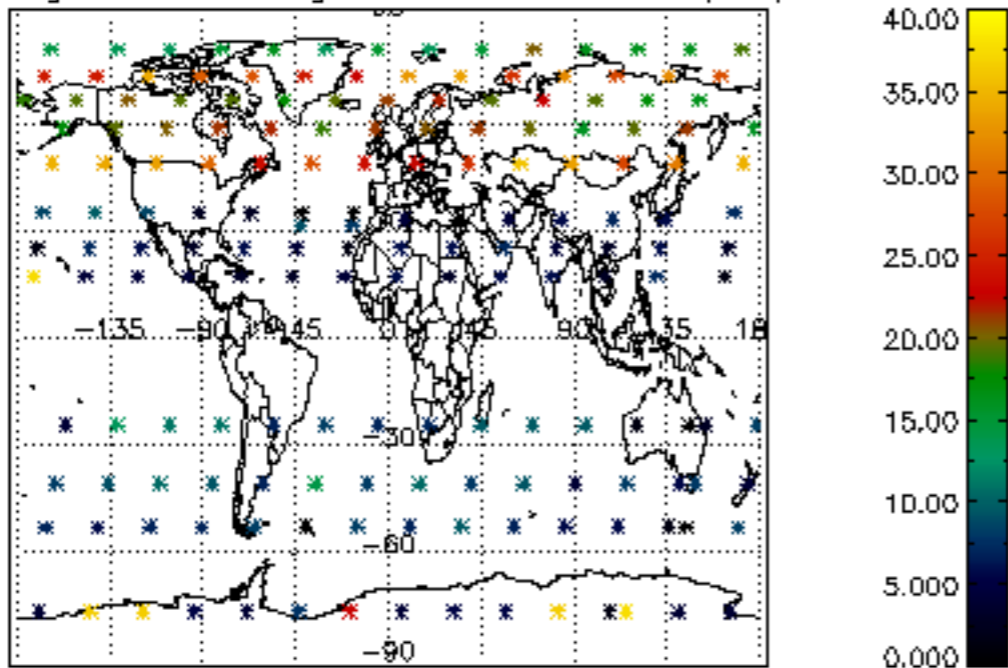
Percentage of cosmic ray hits per profile



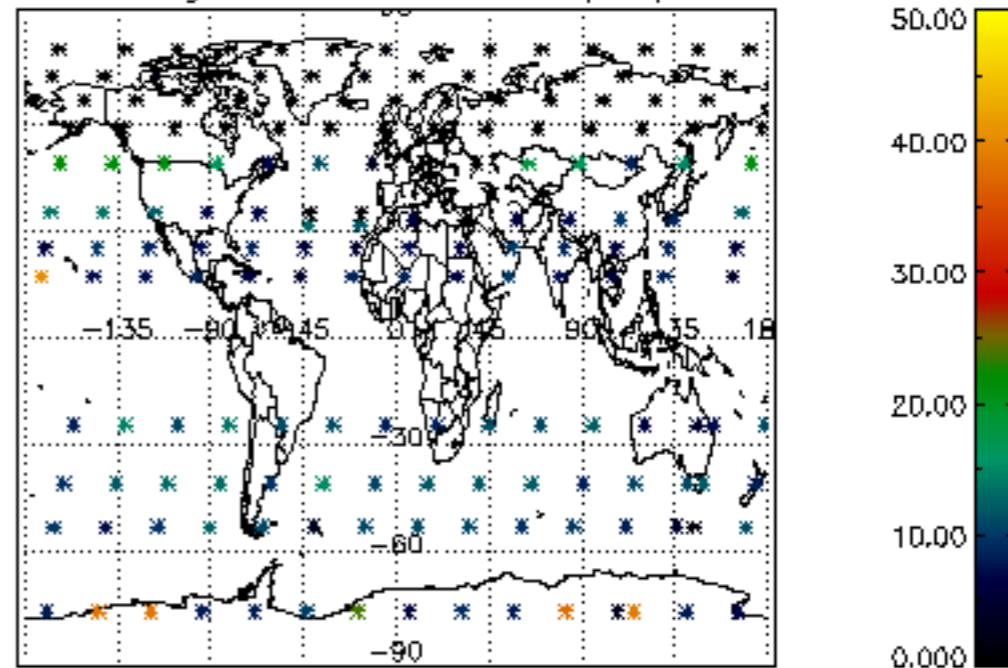
Percentage of datation errors per profile

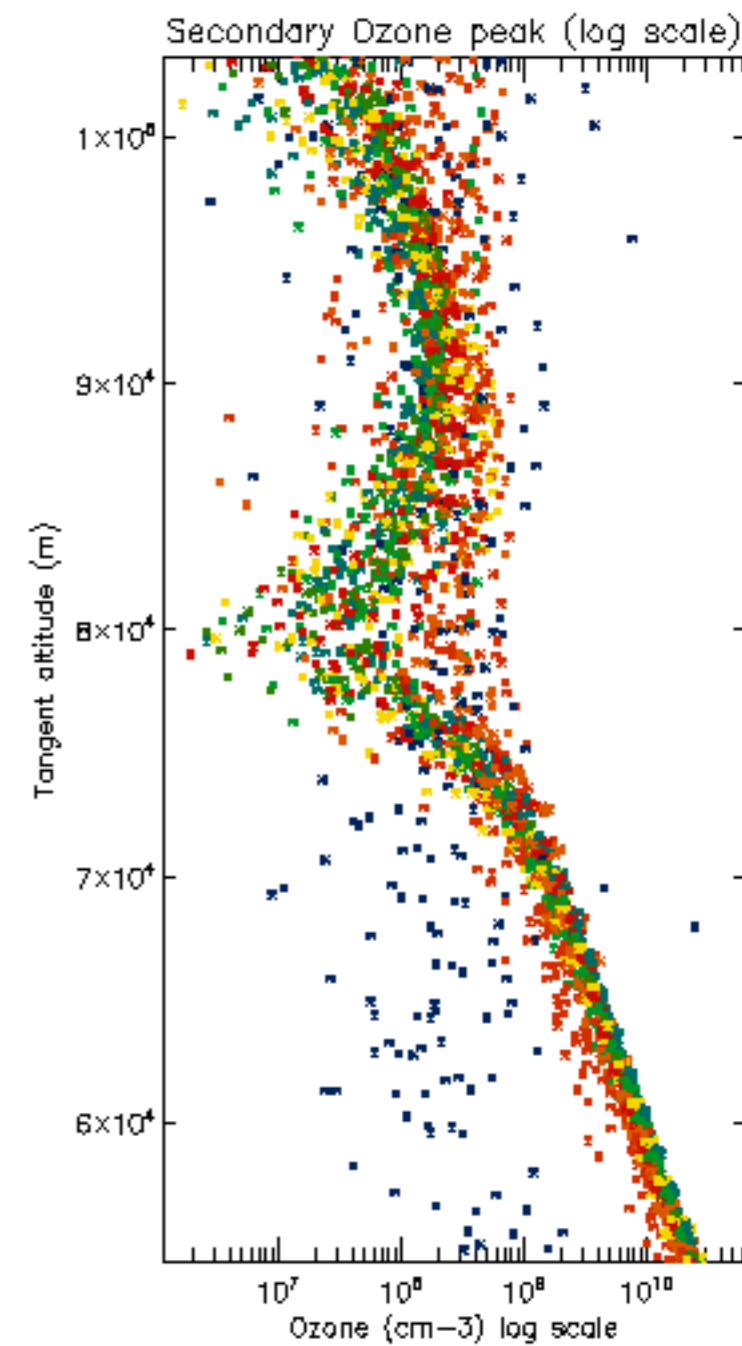
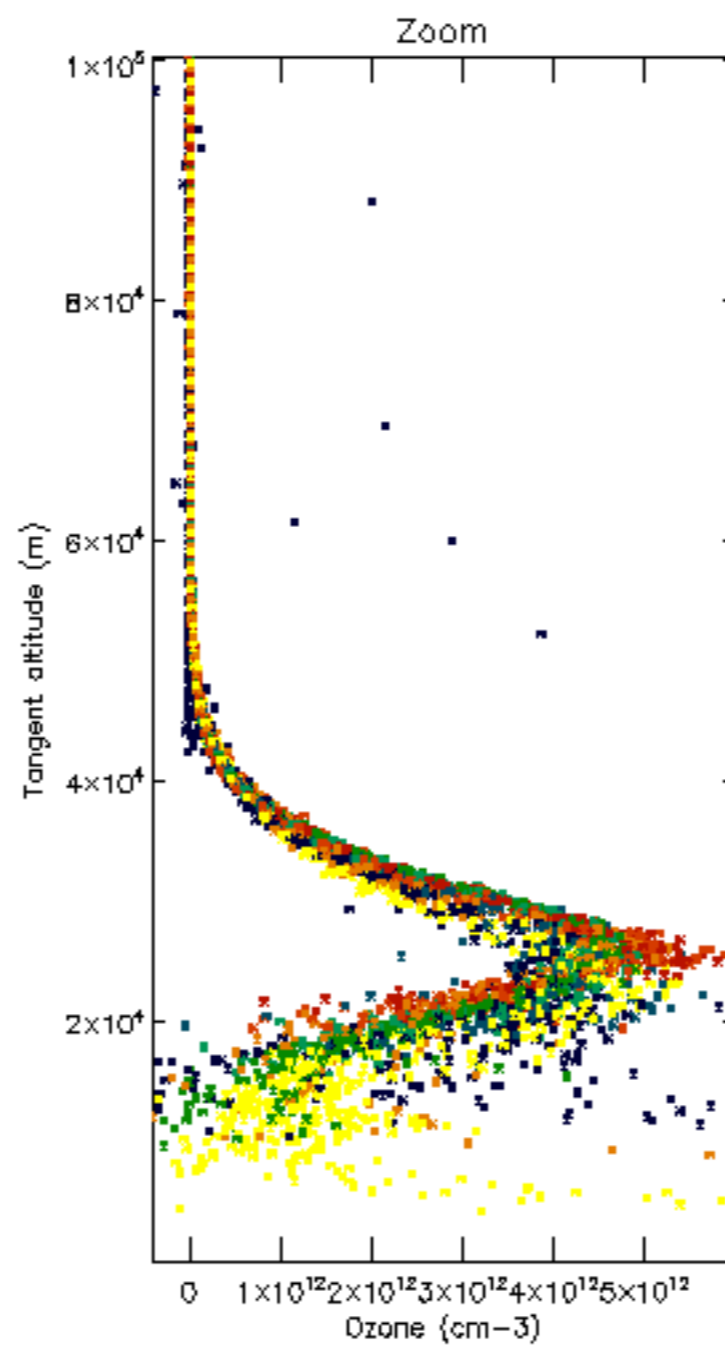
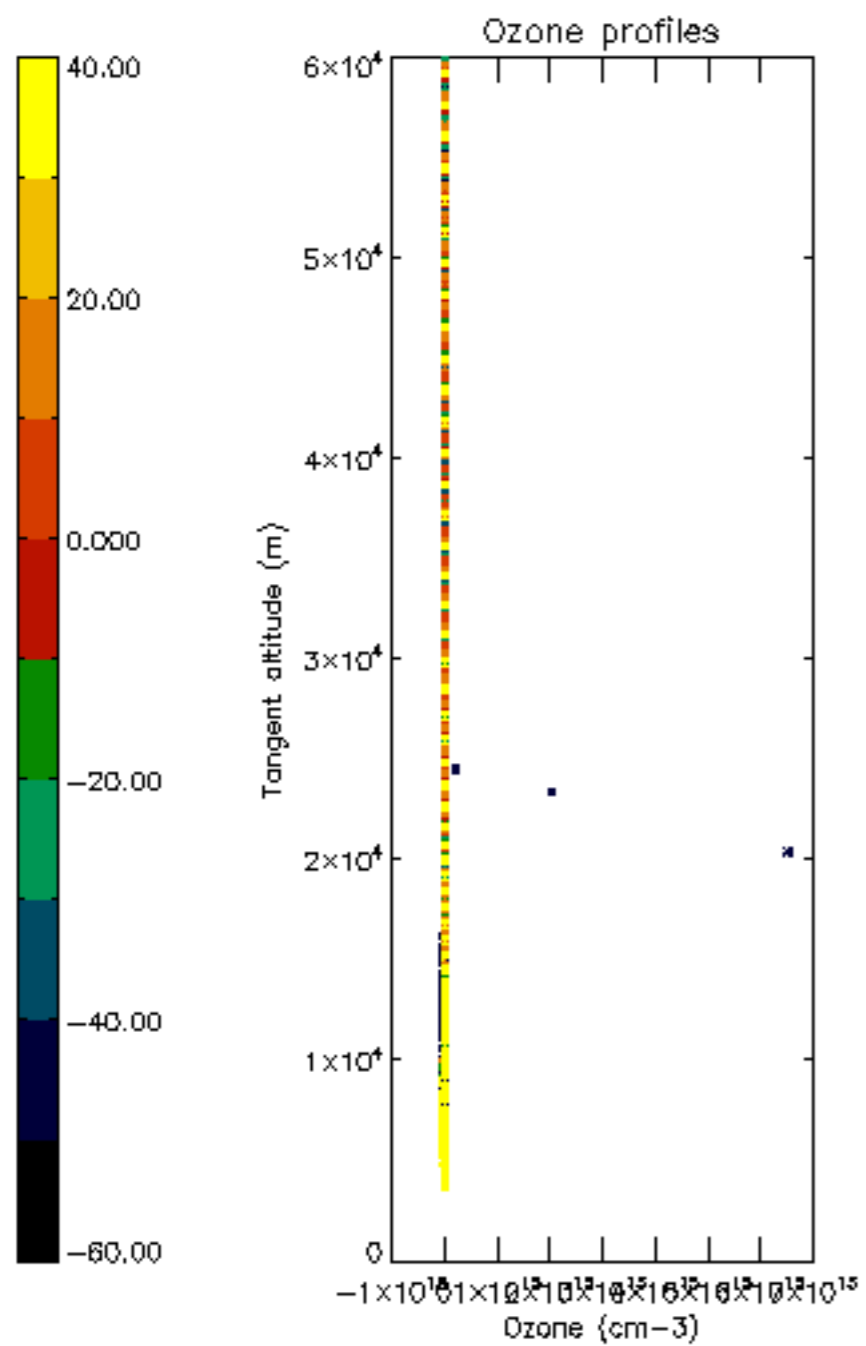


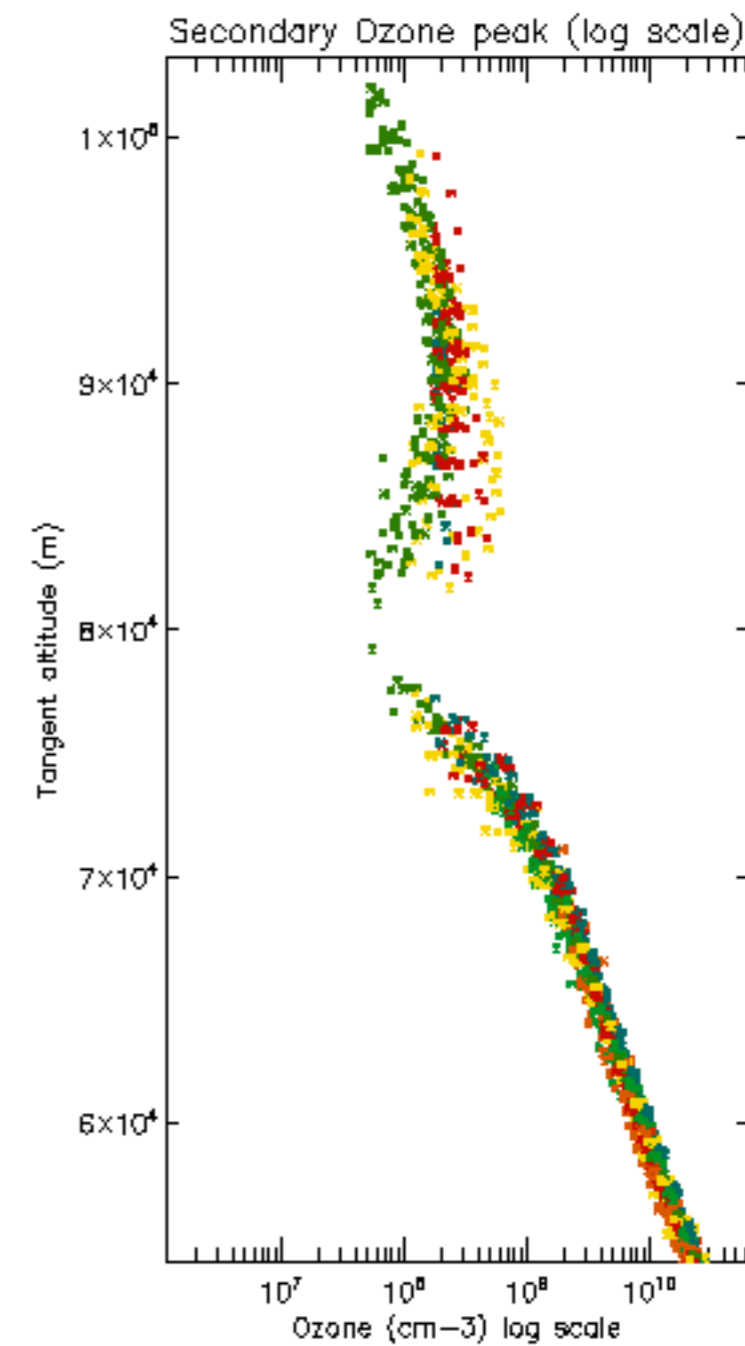
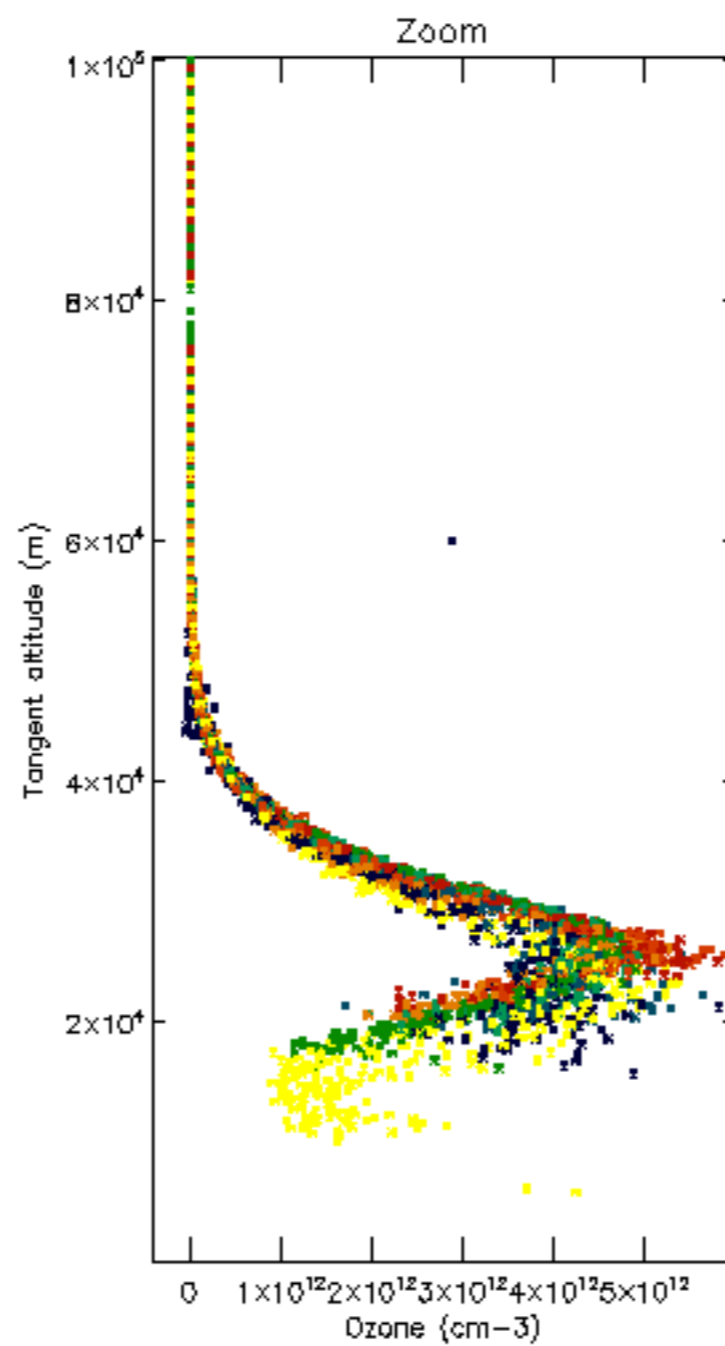
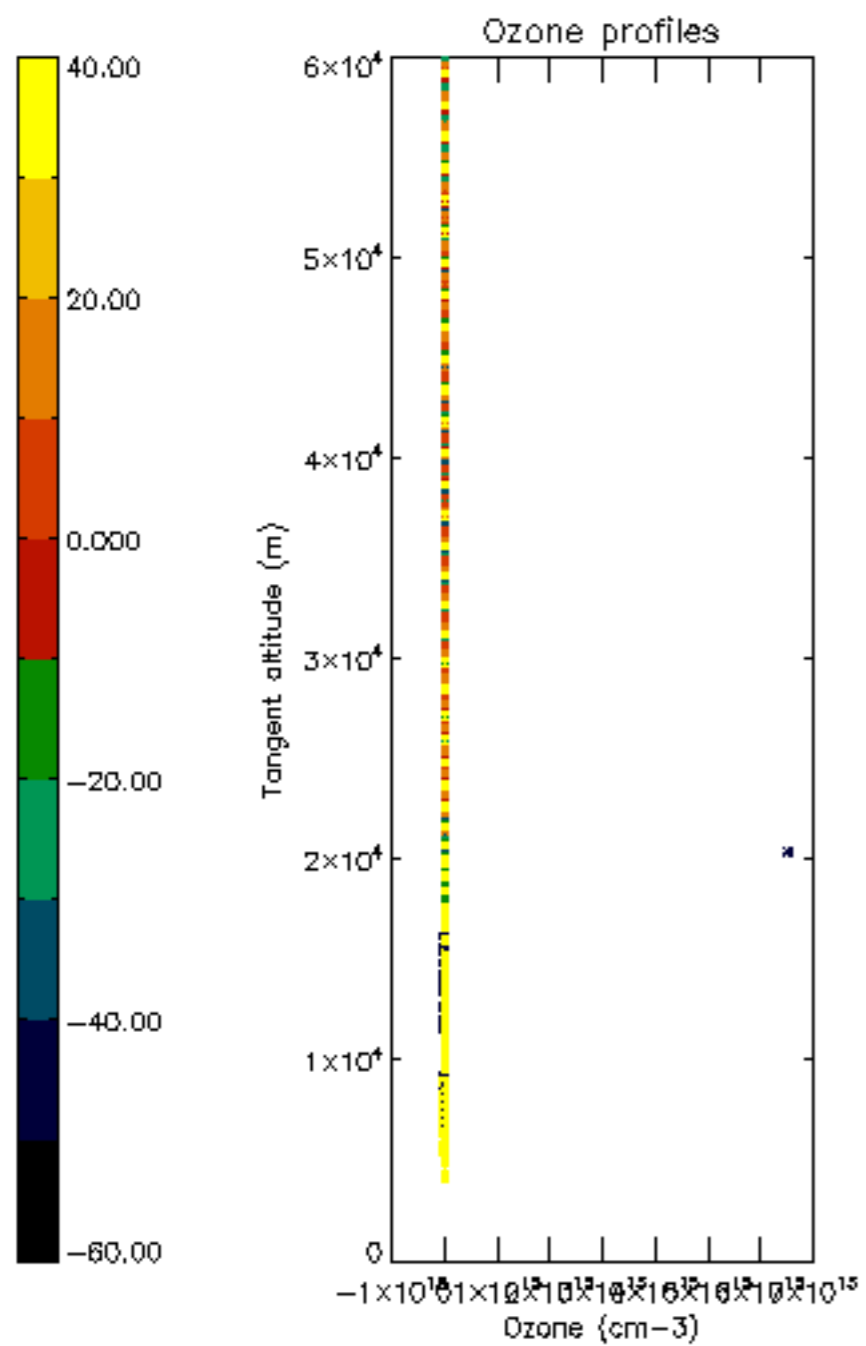
Percentage of star falling outside central band per profile



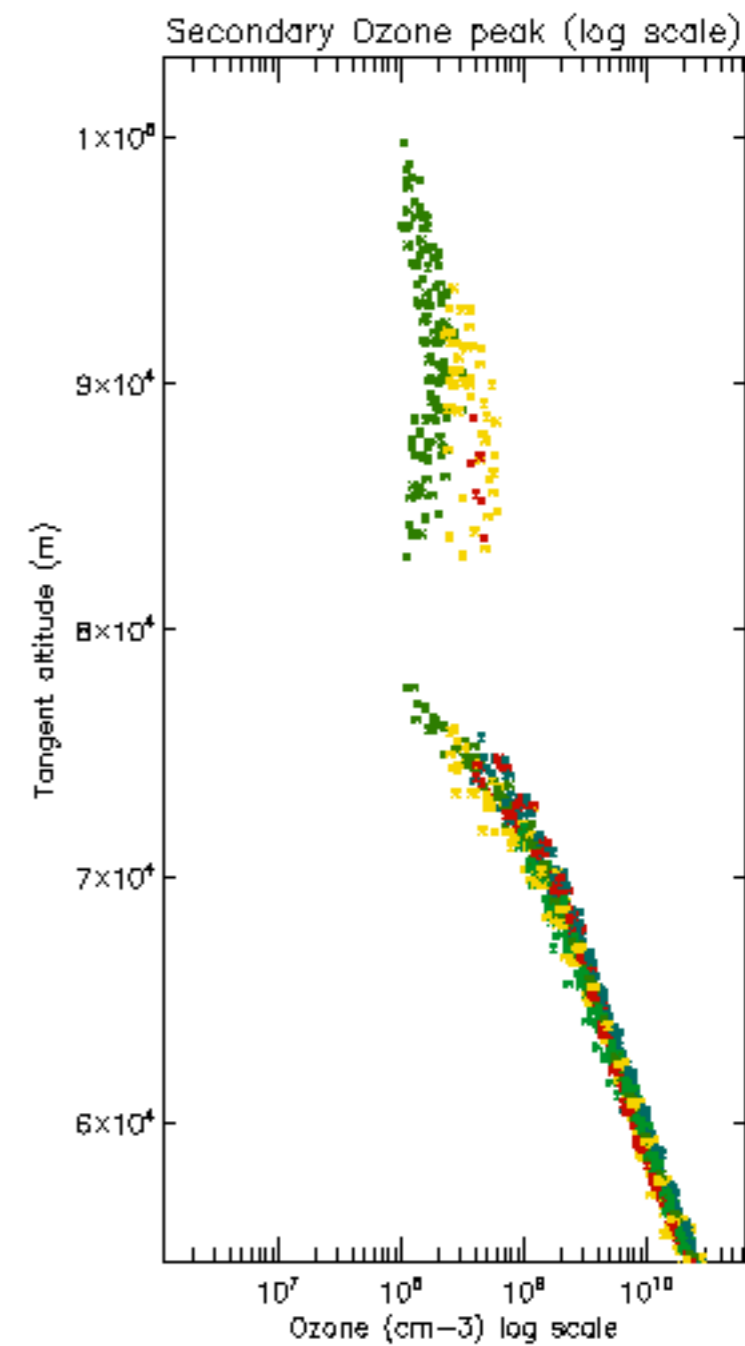
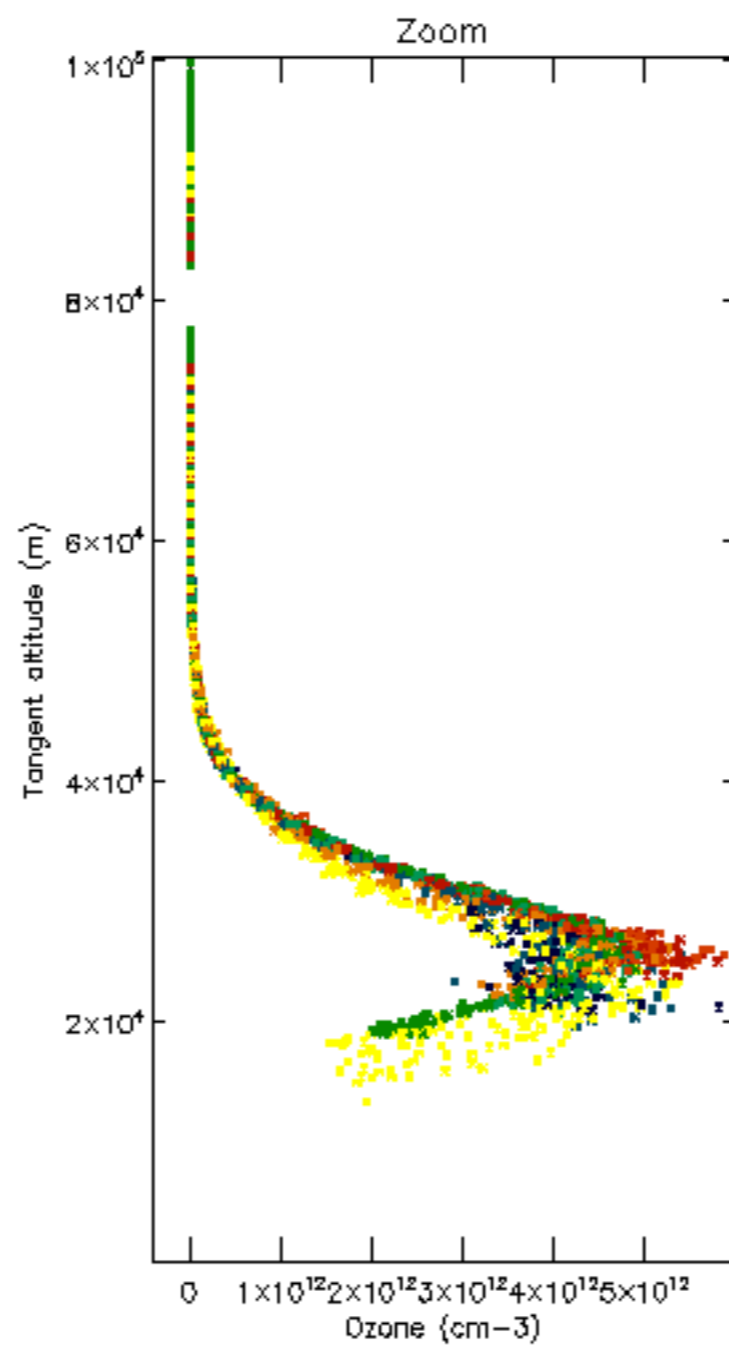
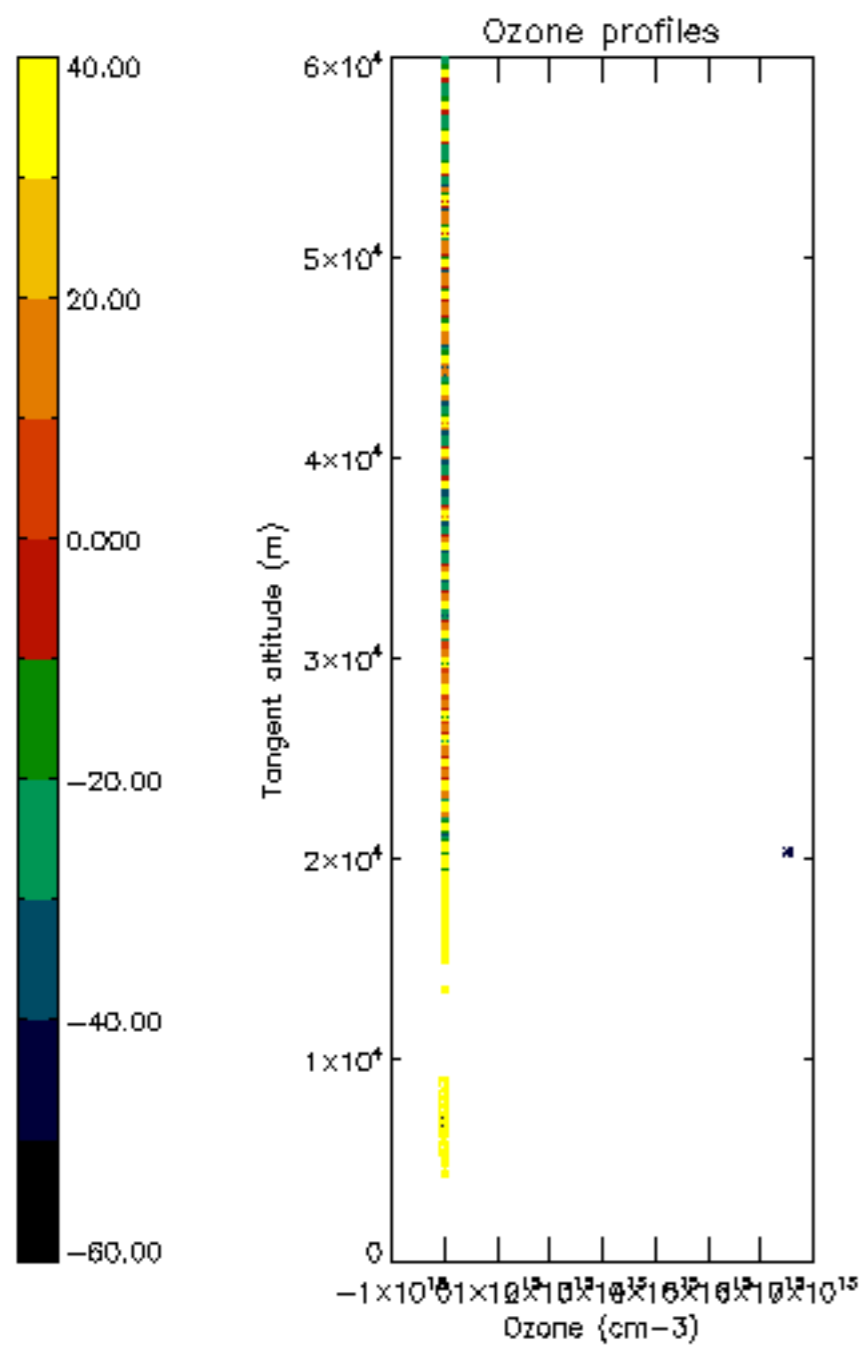
Percentage of saturation errors per profile

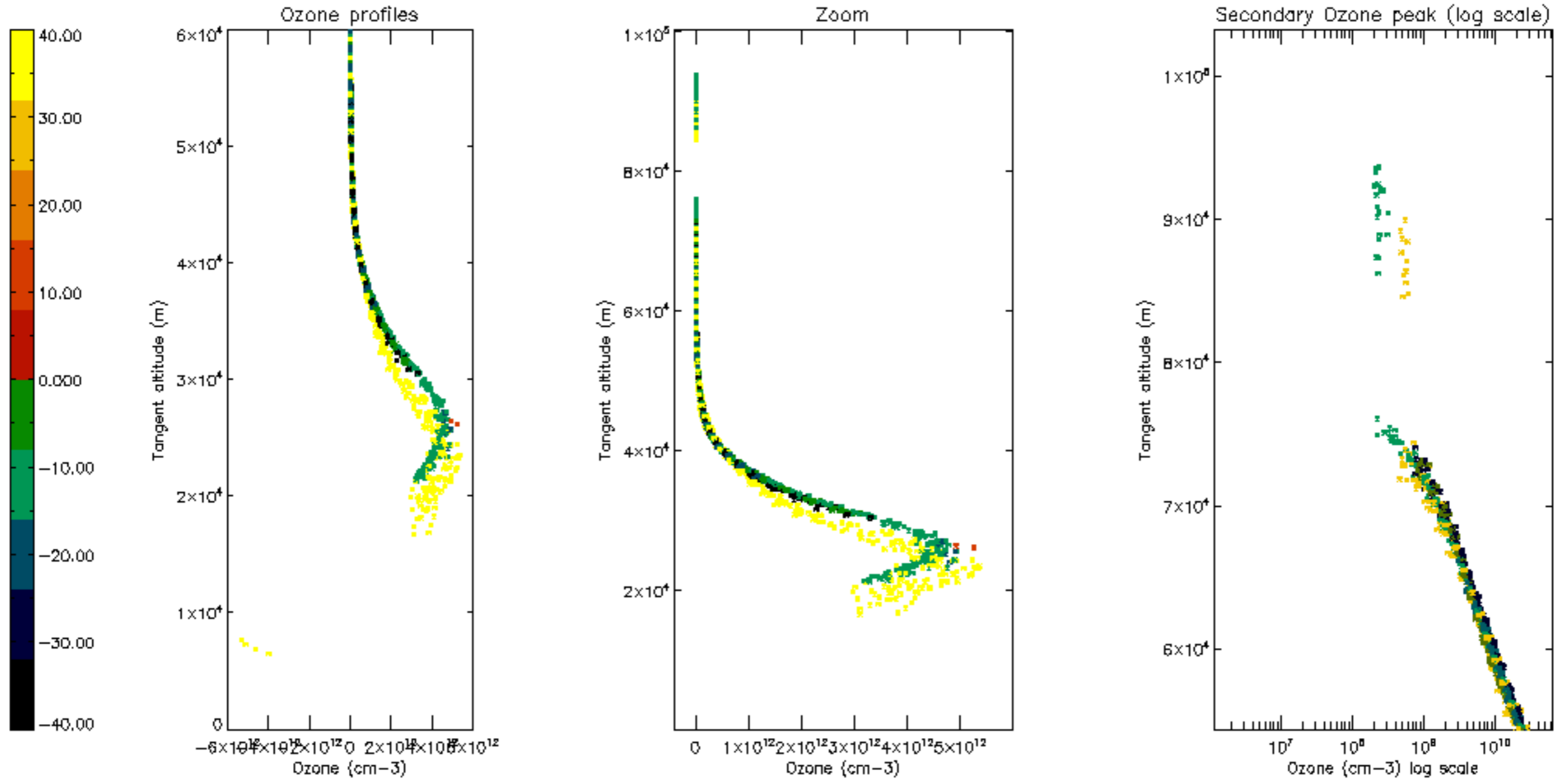


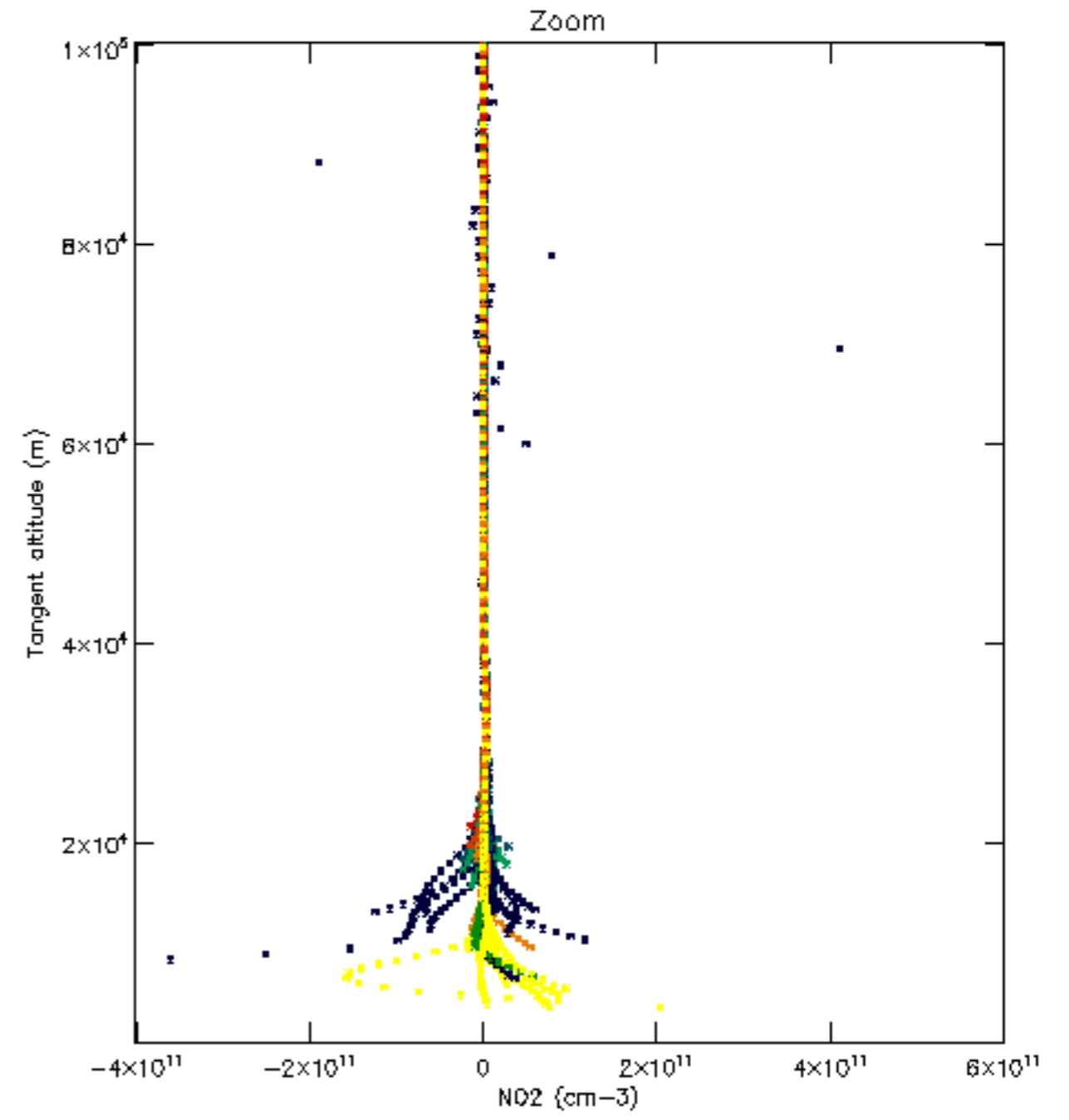
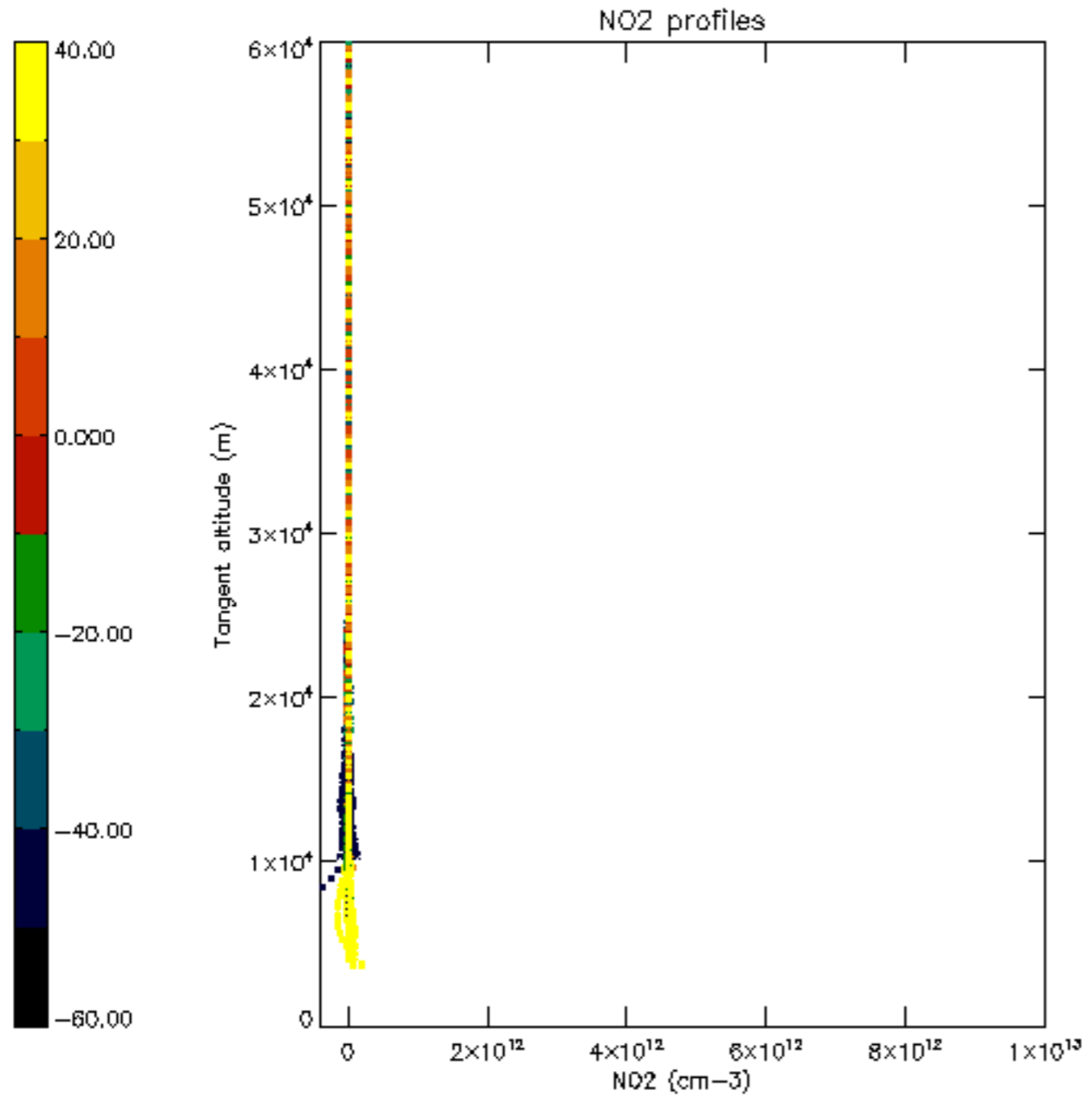


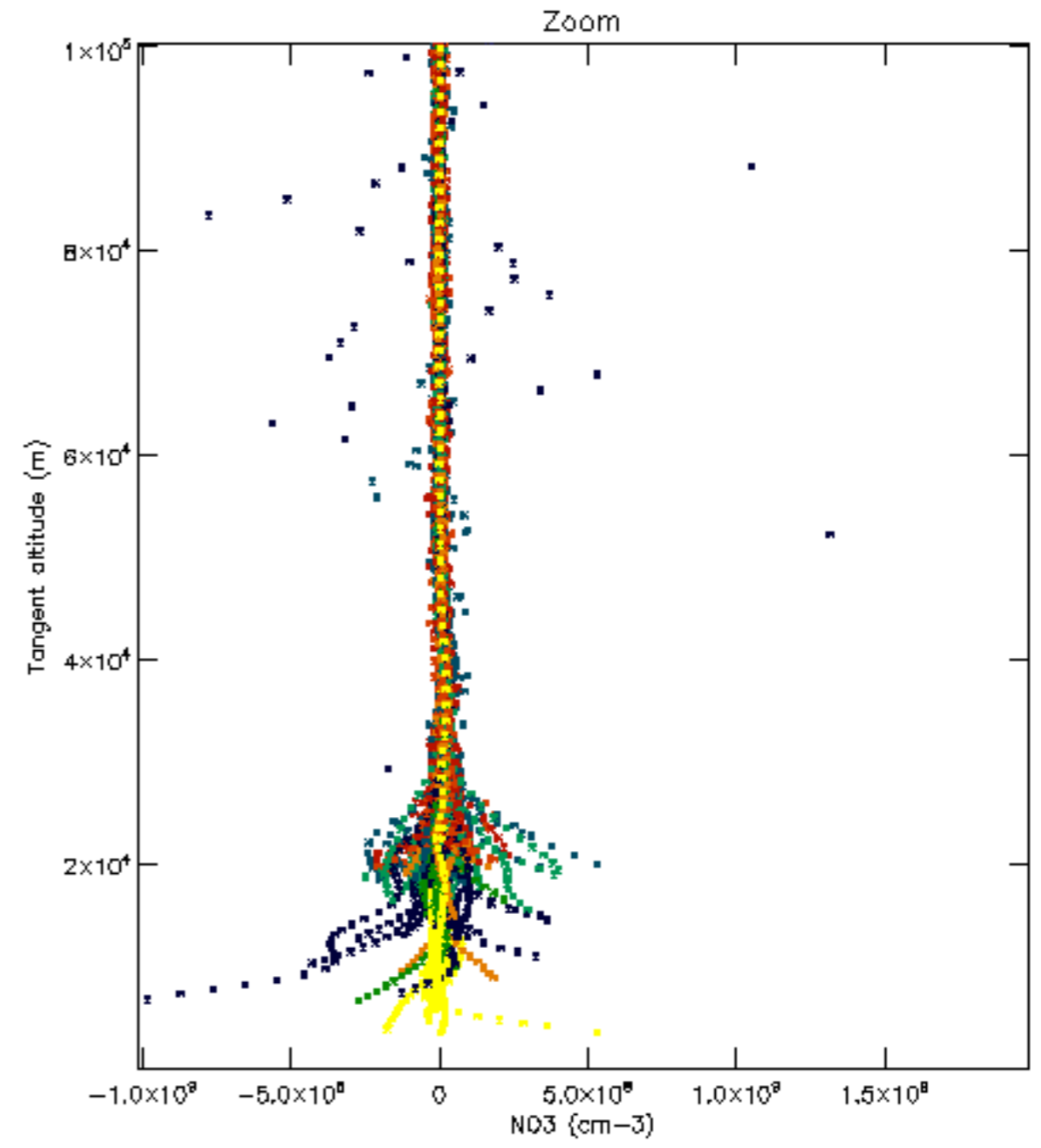
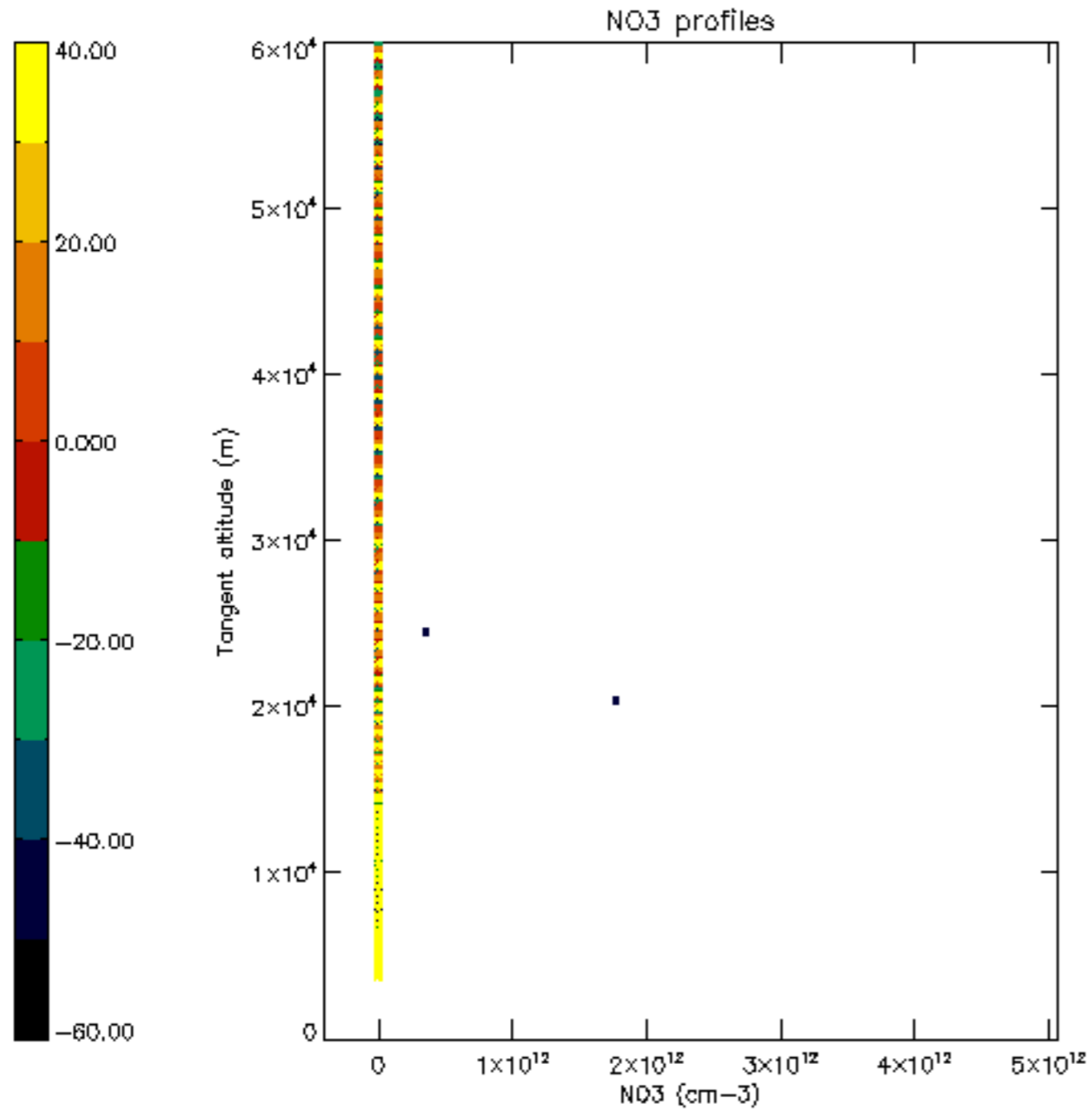


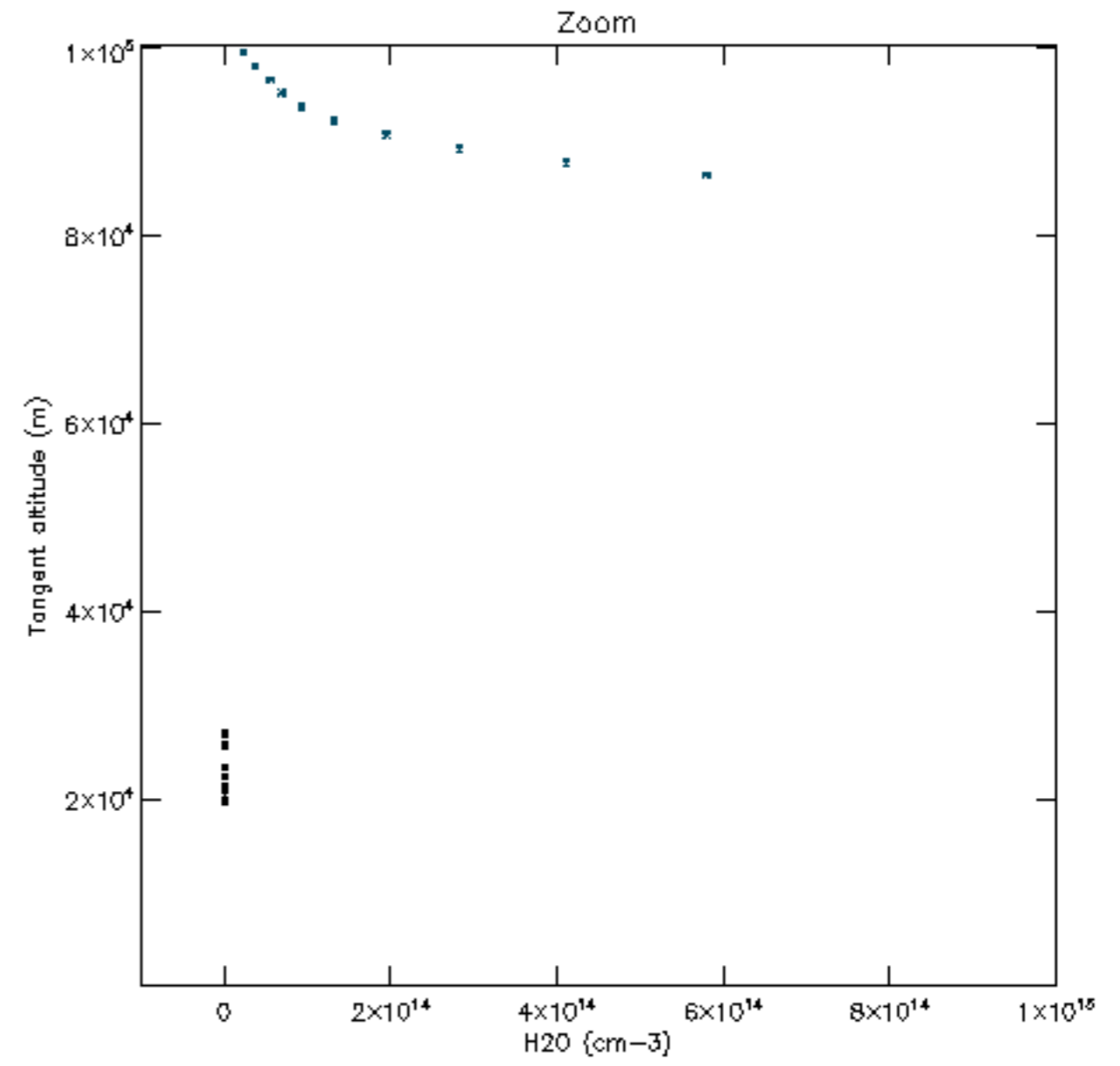
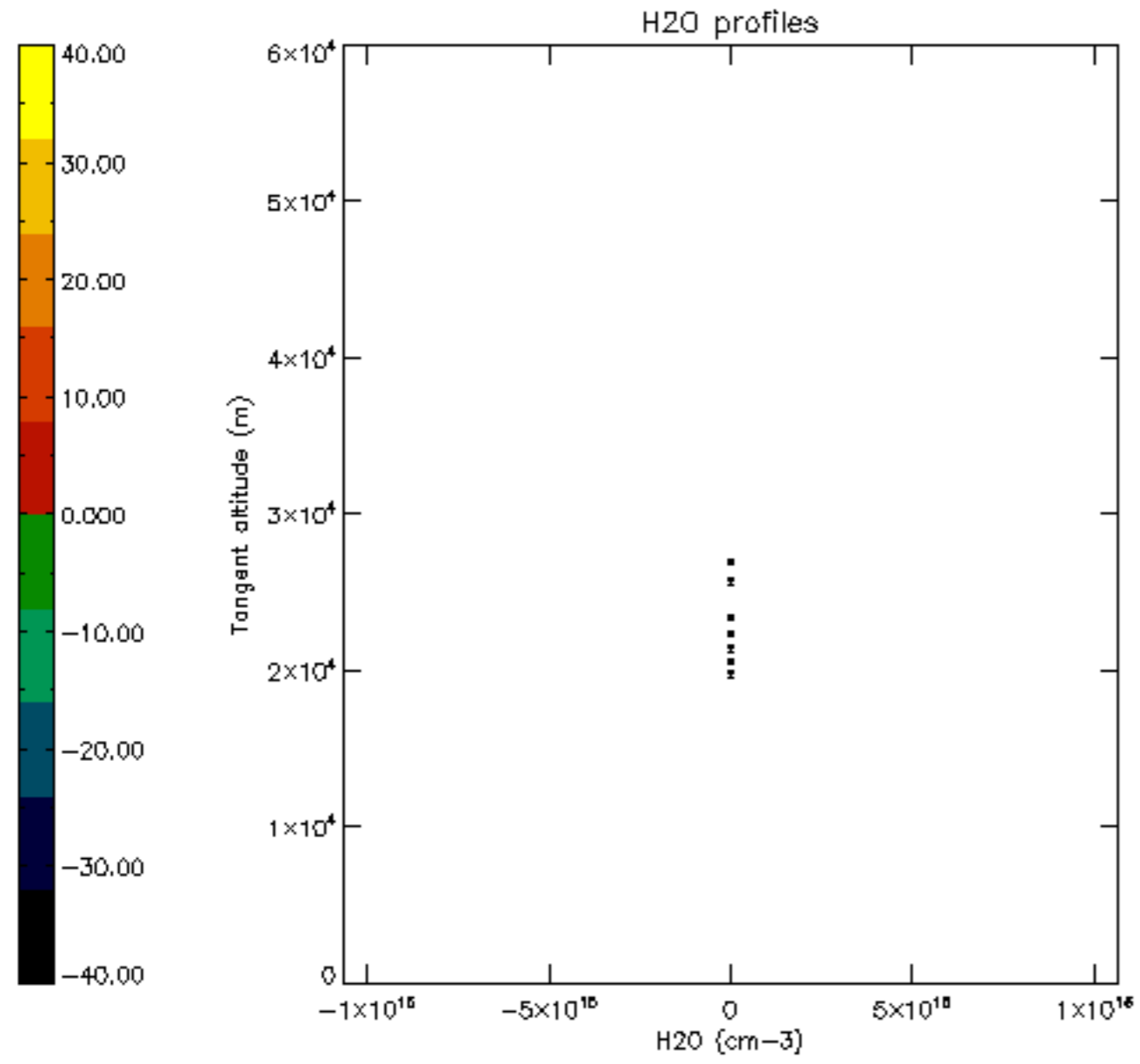


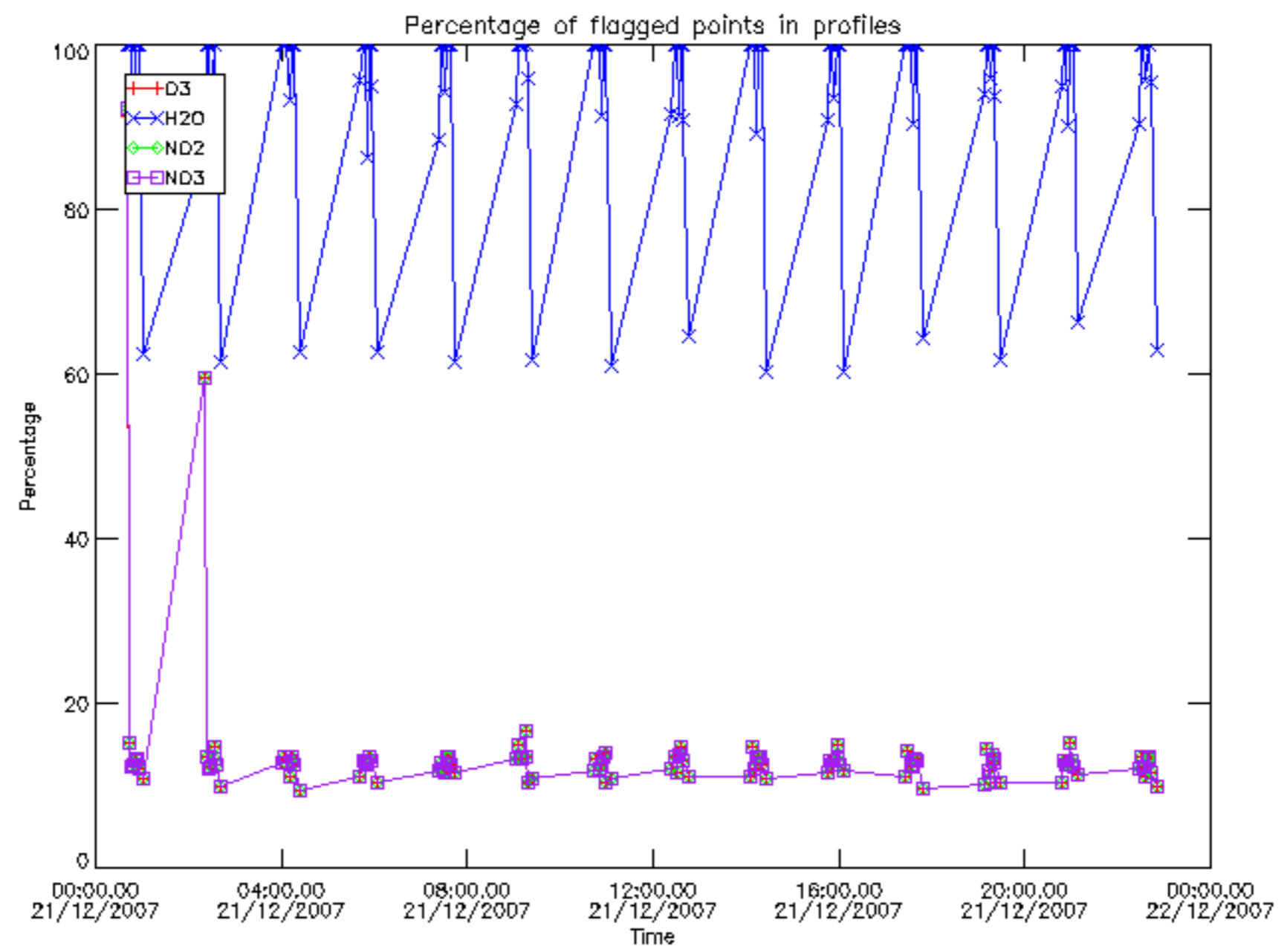




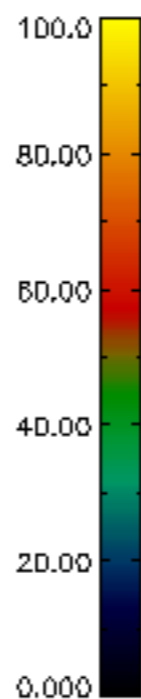
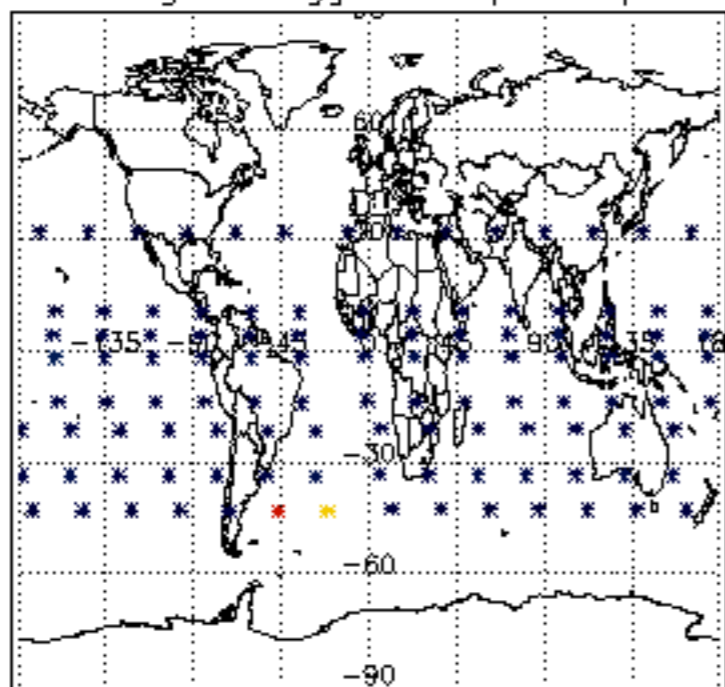




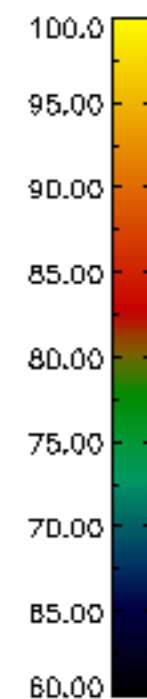
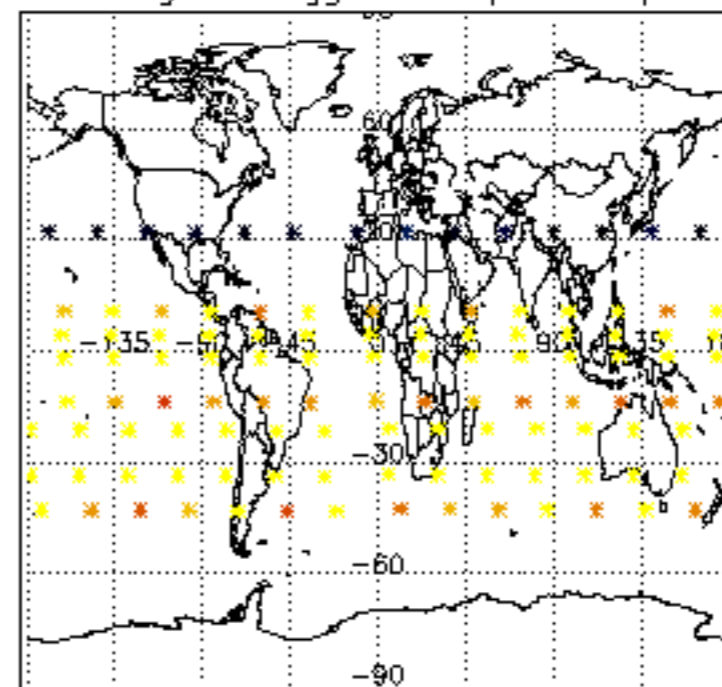




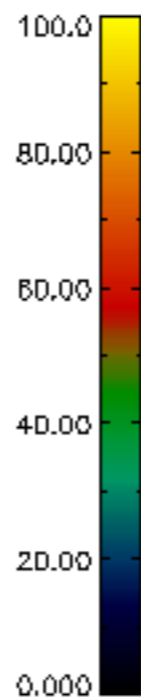
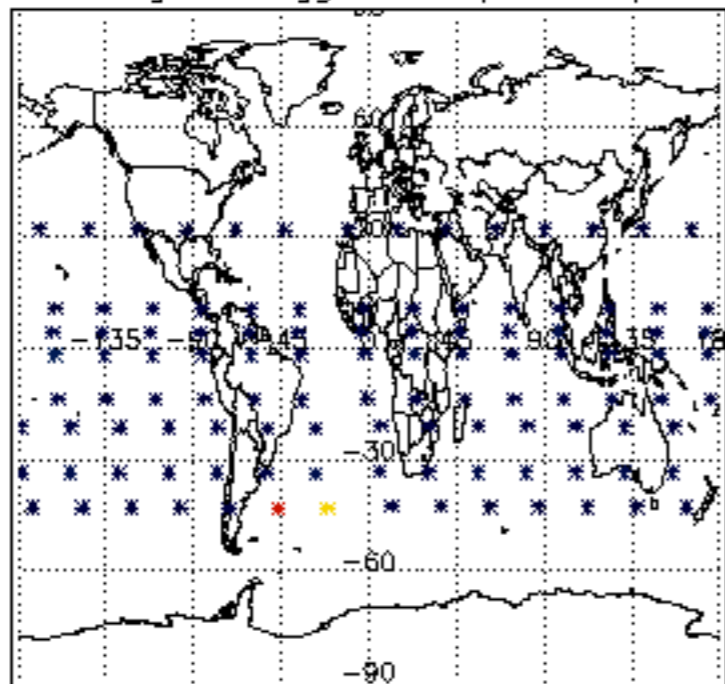
Percentage of flagged data per D3 profile



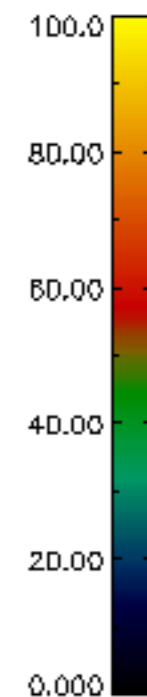
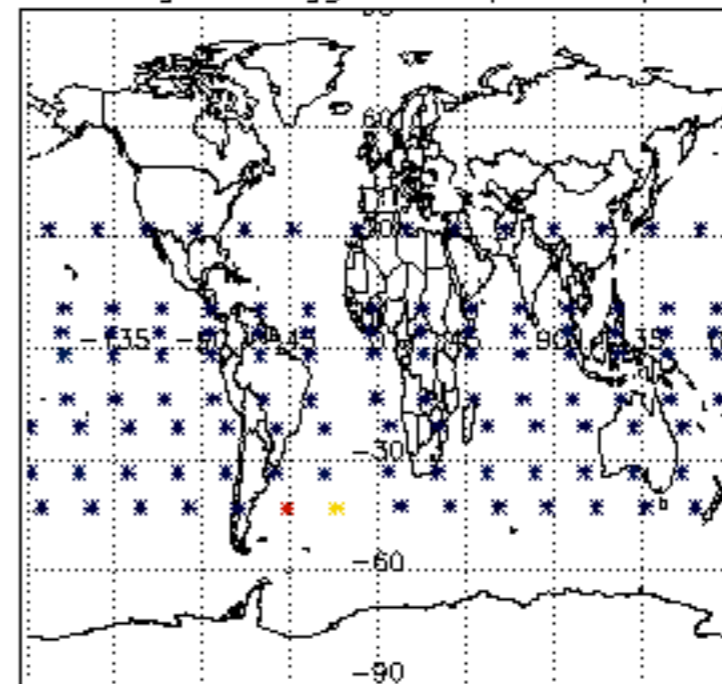
Percentage of flagged data per H2O profile

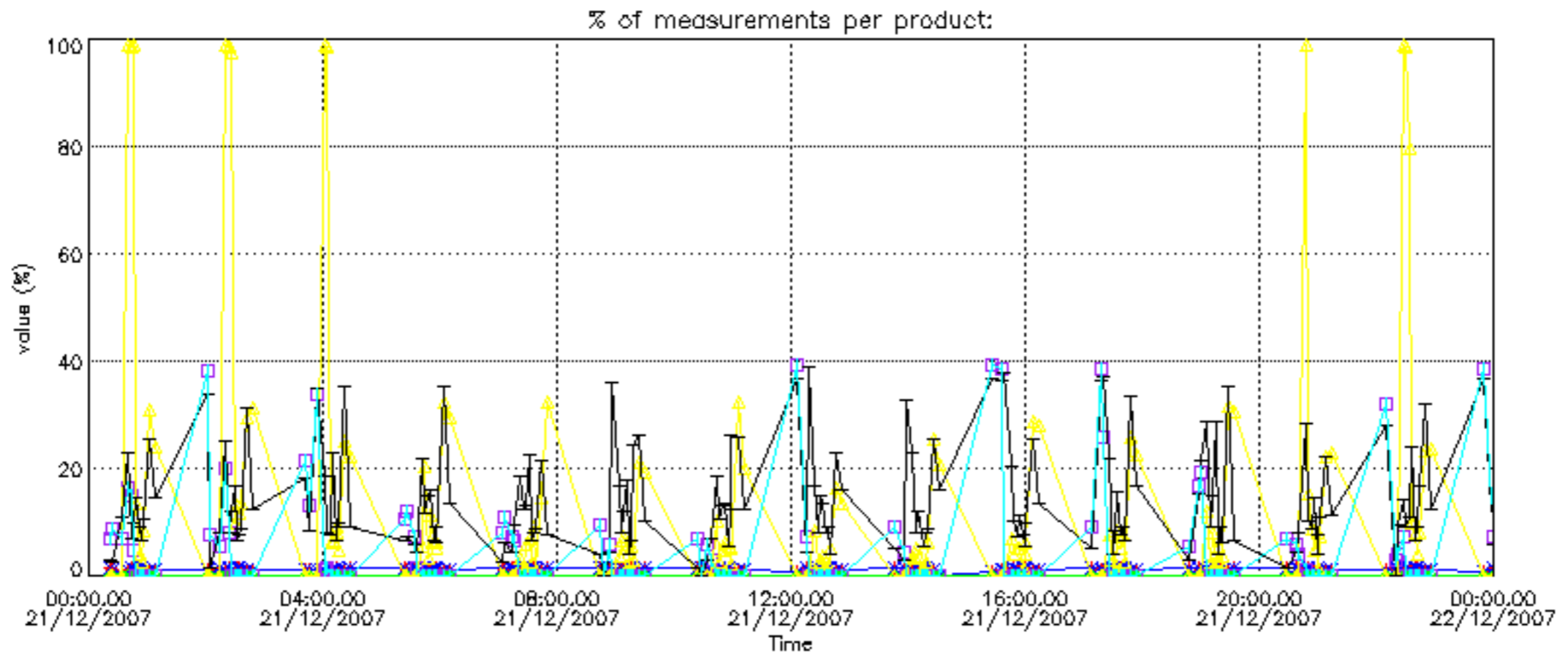


Percentage of flagged data per NO2 profile

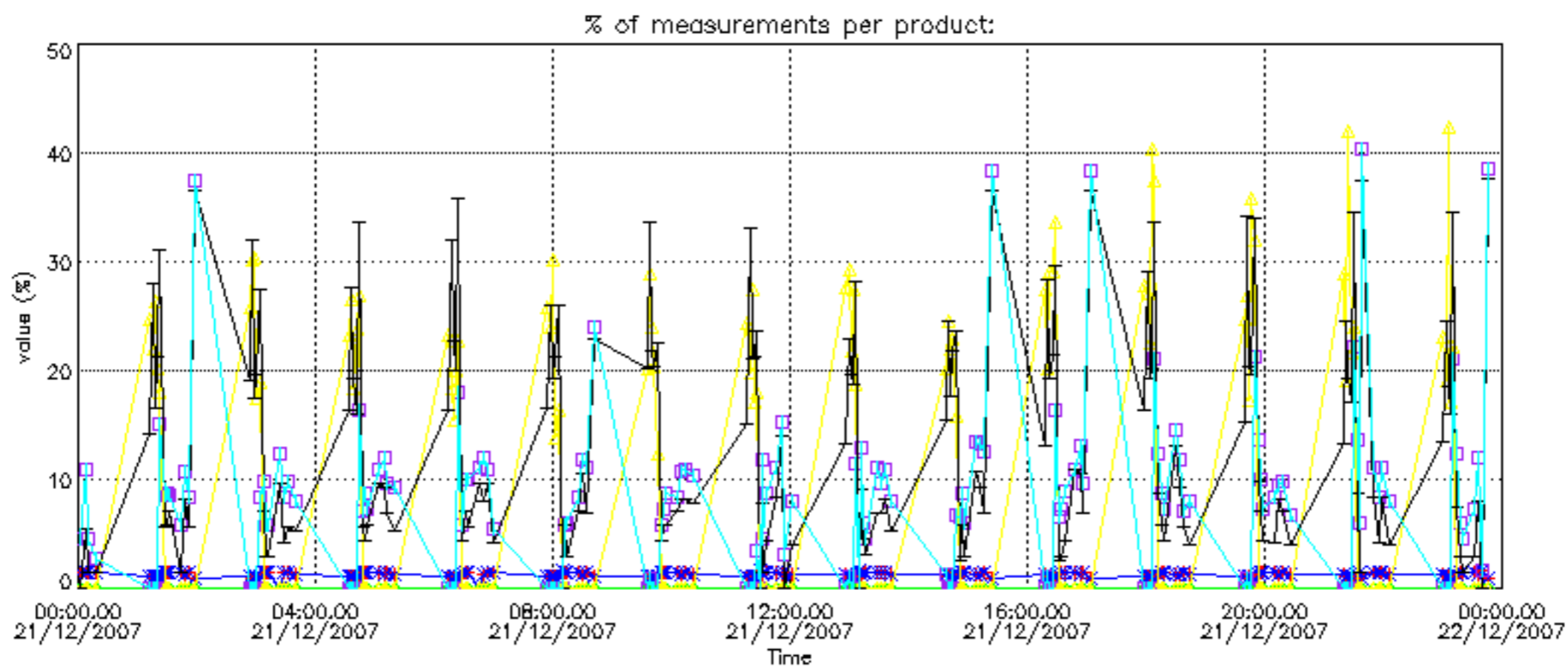


Percentage of flagged data per NO3 profile

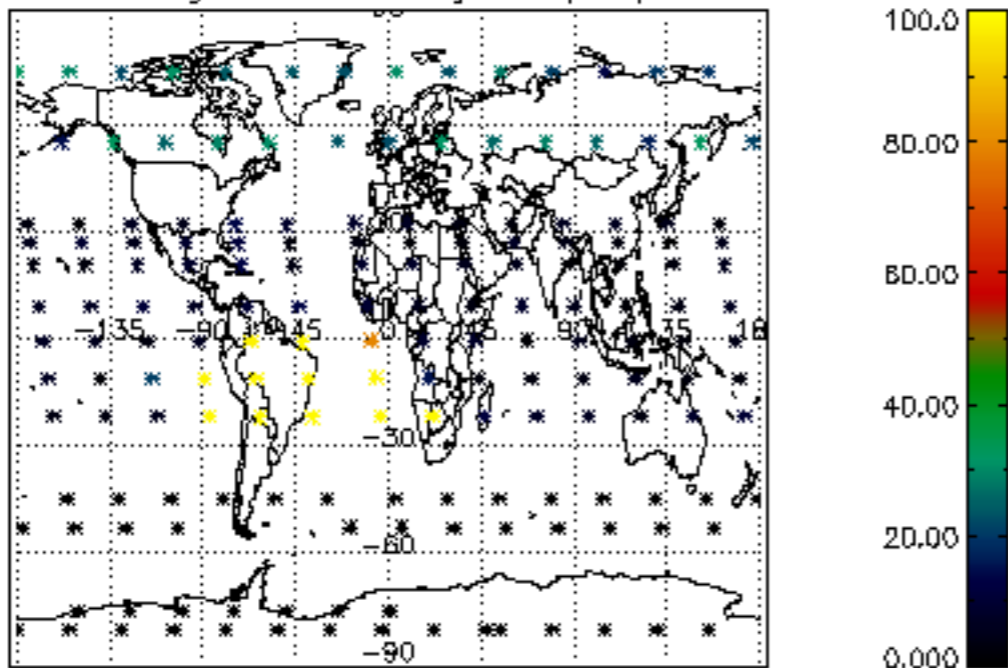




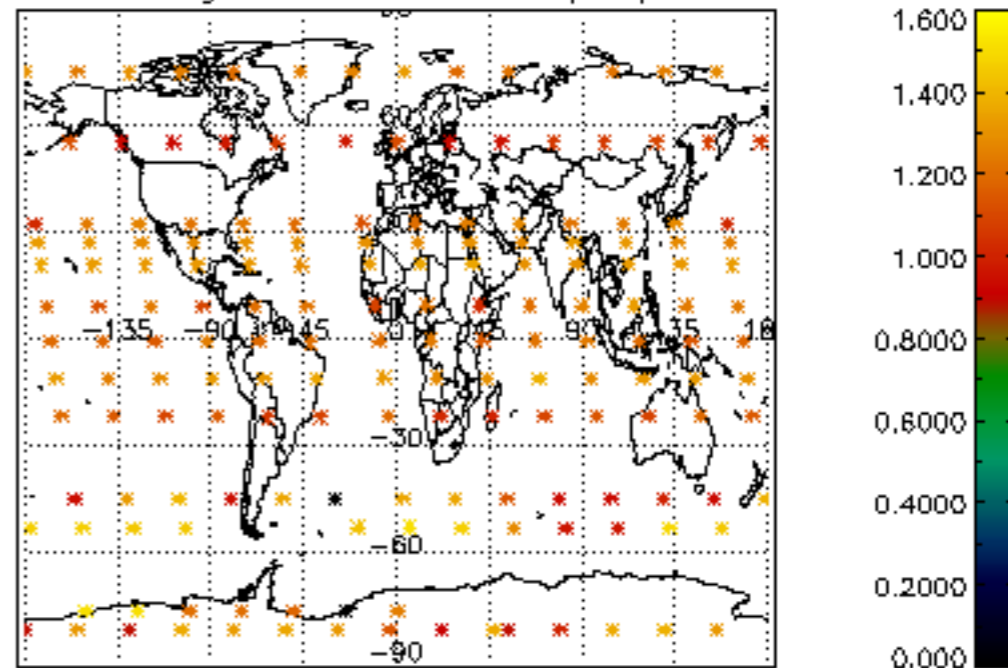




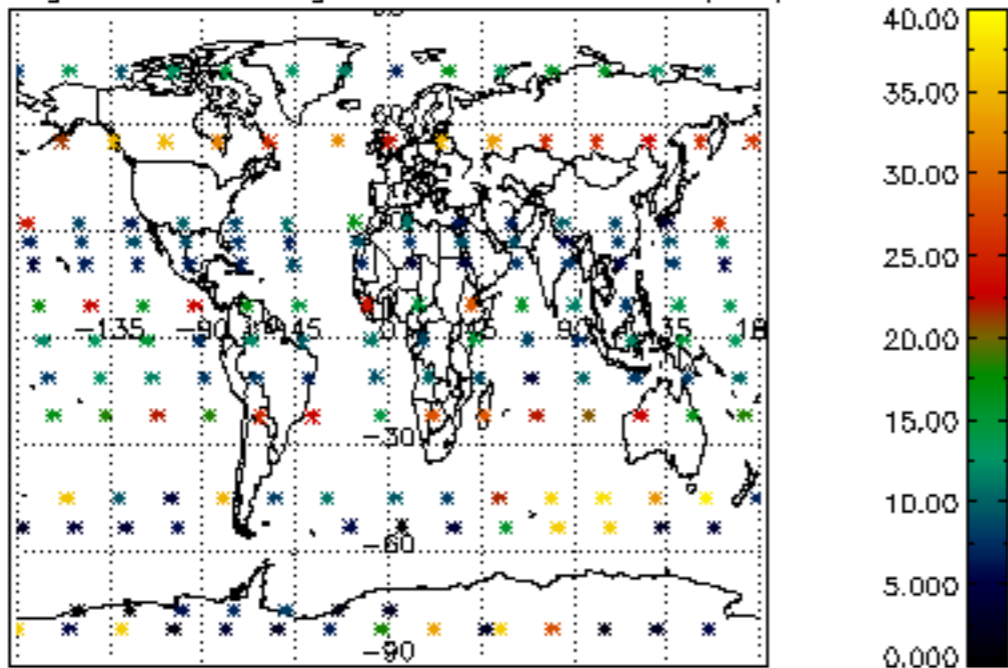
Percentage of cosmic ray hits per profile



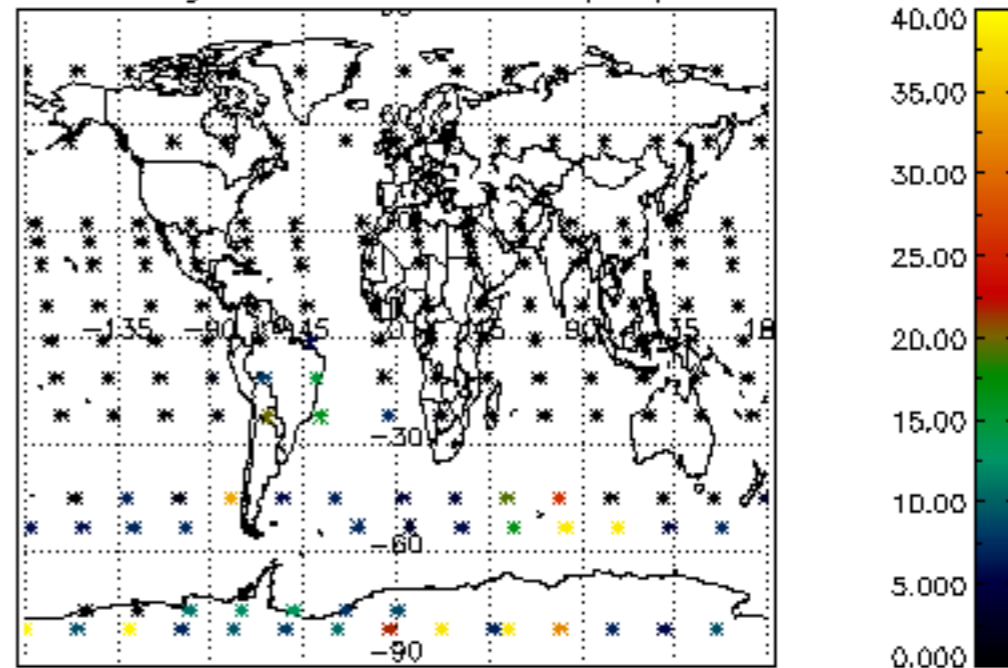
Percentage of datation errors per profile



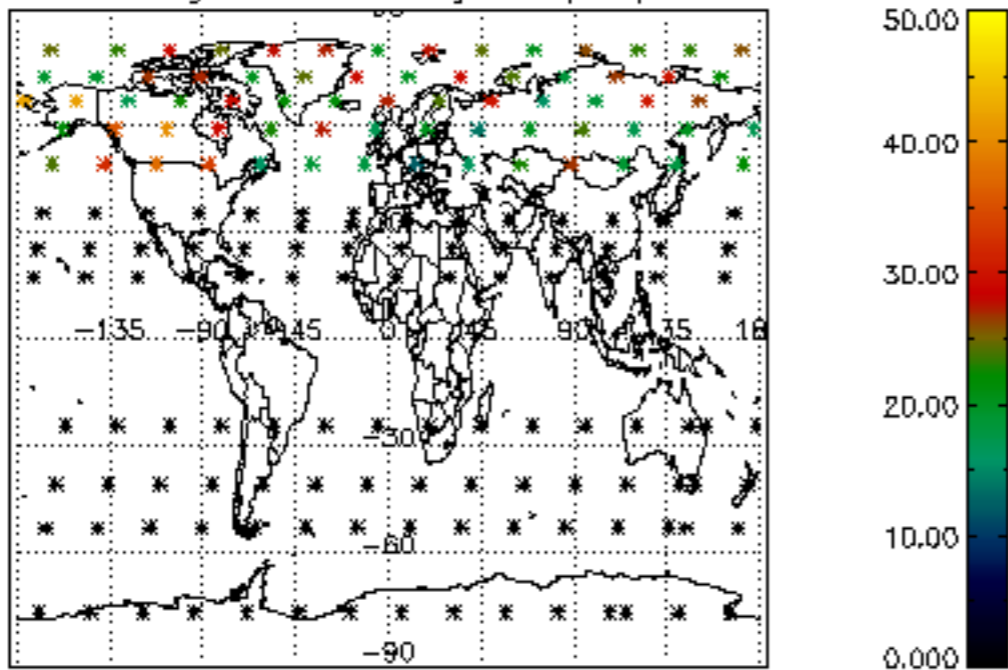
Percentage of star falling outside central band per profile



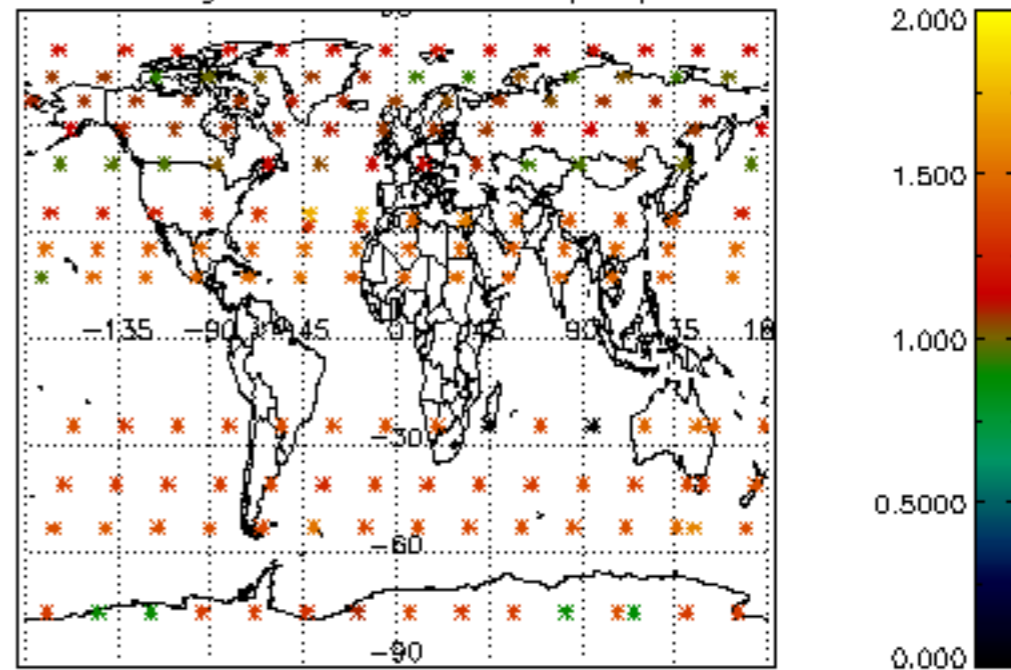
Percentage of saturation errors per profile



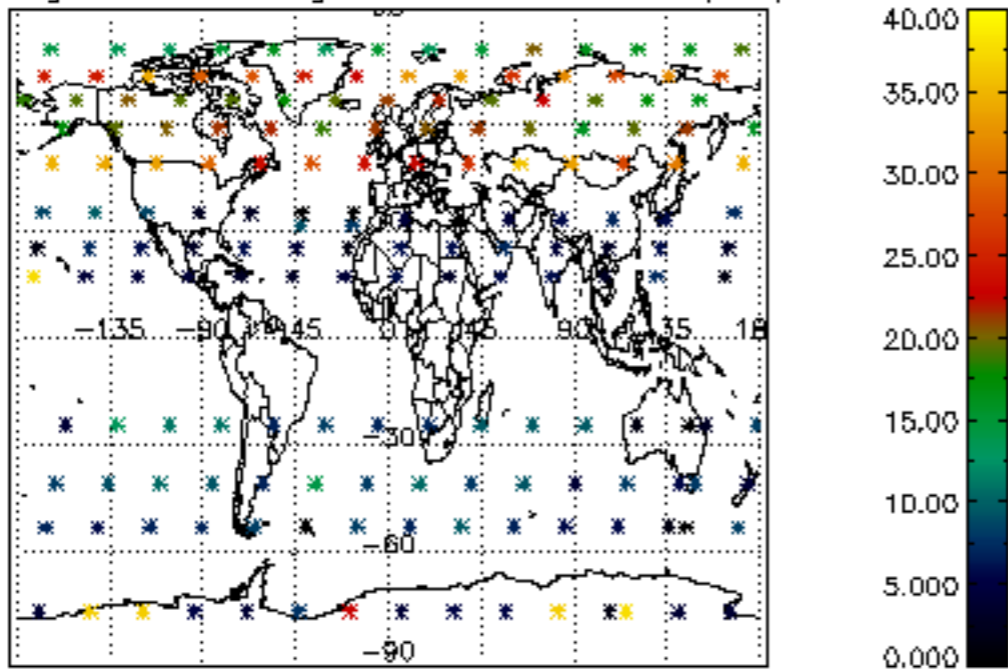
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

