

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[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	22APR2013 23:30:42
Data source version	GOMOS/6.01
Start time of products	09-08-2007 (09AUG2007 00:00:00)
Stop time of products	10-08-2007 (10AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	241
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

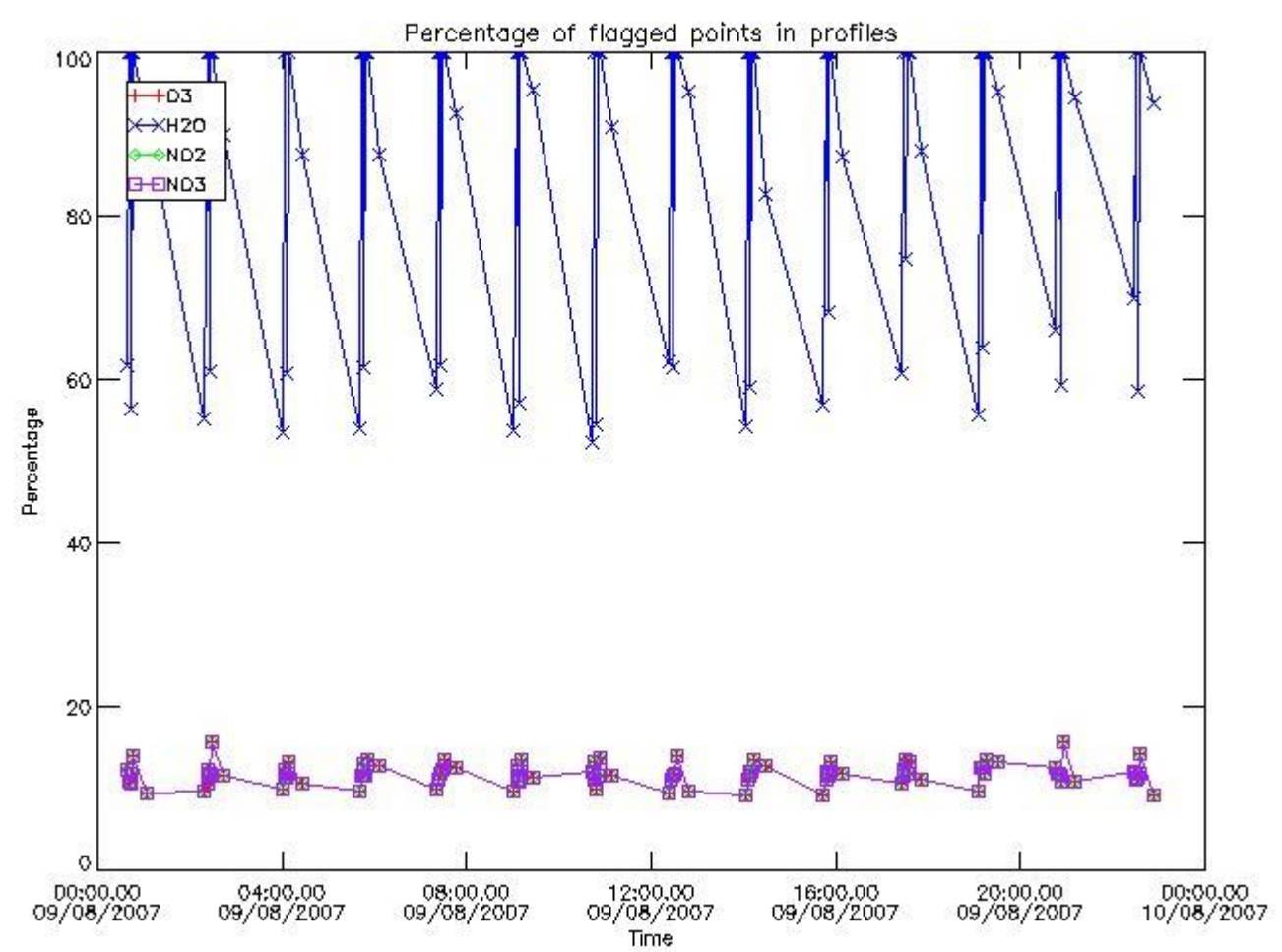
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070809_000017_000000392060_00331_28441_6344.N1	09-AUG-2007 00:00:17	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28441	No
2	GOM_NL__2PRFIN20070809_000152_000000342060_00331_28441_6345.N1	09-AUG-2007 00:01:52	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28441	No
3	GOM_NL__2PRFIN20070809_001433_000000362060_00331_28441_6346.N1	09-AUG-2007 00:14:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28441	No
4	GOM_NL__2PRFIN20070809_002732_000000382060_00331_28441_6347.N1	09-AUG-2007 00:27:32	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	28441	No
5	GOM_NL__2PRFIN20070809_002951_000000382060_00331_28441_6348.N1	09-AUG-2007 00:29:51	Bright	37.500	107	37The Aur	2.6490	11000.	75	28441	No
6	GOM_NL__2PRFIN20070809_003357_000000402060_00331_28441_6349.N1	09-AUG-2007 00:33:57	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	28441	No
7	GOM_NL__2PRFIN20070809_003844_000000462060_00331_28441_6350.N1	09-AUG-2007 00:38:44	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	28441	No
8	GOM_NL__2PRFIN20070809_004140_000000472060_00331_28441_6351.N1	09-AUG-2007 00:41:40	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	28441	No
9	GOM_NL__2PRFIN20070809_004302_000000432060_00331_28441_6352.N1	09-AUG-2007 00:43:02	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	28441	No
10	GOM_NL__2PRFIN20070809_004434_000000492060_00331_28441_6353.N1	09-AUG-2007 00:44:34	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28441	No
11	GOM_NL__2PRFIN20070809_004624_000000402060_00331_28441_6354.N1	09-AUG-2007 00:46:24	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28441	No
12	GOM_NL__2PRFIN20070809_010411_000000552060_00332_28442_6384.N1	09-AUG-2007 01:04:11	Dark	54.500	9	Alp Eri	0.45300	24000.	109	28442	No
13	GOM_NL__2PRFIN20070809_011032_000000392060_00332_28442_6385.N1	09-AUG-2007 01:10:32	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28442	No
14	GOM_NL__2PRFIN20070809_011401_000000442060_00332_28442_6386.N1	09-AUG-2007 01:14:01	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	28442	No
15	GOM_NL__2PRFIN20070809_013207_000000372060_00332_28442_6387.N1	09-AUG-2007 01:32:07	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28442	No
16	GOM_NL__2PRFIN20070809_013345_000000362060_00332_28442_6388.N1	09-AUG-2007 01:33:45	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28442	No
17	GOM_NL__2PRFIN20070809_014053_000000342060_00332_28442_6389.N1	09-AUG-2007 01:40:53	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28442	No
18	GOM_NL__2PRFIN20070809_014228_000000352060_00332_28442_6390.N1	09-AUG-2007 01:42:28	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28442	No
19	GOM_NL__2PRFIN20070809_015509_000000362060_00332_28442_6391.N1	09-AUG-2007 01:55:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28442	No
20	GOM_NL__2PRFIN20070809_020808_000000362060_00332_28442_6392.N1	09-AUG-2007 02:08:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28442	No
21	GOM_NL__2PRFIN20070809_021027_000000372060_00332_28442_6393.N1	09-AUG-2007 02:10:27	Bright	36.500	107	37The Aur	2.6490	11000.	73	28442	No
22	GOM_NL__2PRFIN20070809_021433_000000412060_00332_28442_6394.N1	09-AUG-2007 02:14:33	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	28442	No
23	GOM_NL__2PRFIN20070809_021920_000000532060_00332_28442_6395.N1	09-AUG-2007 02:19:20	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28442	No
24	GOM_NL__2PRFIN20070809_022217_000000482060_00332_28442_6396.N1	09-AUG-2007 02:22:17	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	28442	No
25	GOM_NL__2PRFIN20070809_022339_000000422060_00332_28442_6397.N1	09-AUG-2007 02:23:39	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	28442	No
26	GOM_NL__2PRFIN20070809_022510_000000442060_00332_28442_6398.N1	09-AUG-2007 02:25:10	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28442	No
27	GOM_NL__2PRFIN20070809_022701_000000432060_00332_28442_6399.N1	09-AUG-2007 02:27:01	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28442	No
28	GOM_NL__2PRFIN20070809_022909_000000392060_00332_28442_6400.N1	09-AUG-2007 02:29:09	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28442	No
29	GOM_NL__2PRFIN20070809_024448_000000452060_00333_28443_6397.N1	09-AUG-2007 02:44:48	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28443	No
30	GOM_NL__2PRFIN20070809_025108_000000412060_00333_28443_6398.N1	09-AUG-2007 02:51:08	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28443	No
31	GOM_NL__2PRFIN20070809_025437_000000442060_00333_28443_6399.N1	09-AUG-2007 02:54:37	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	28443	No
32	GOM_NL__2PRFIN20070809_031243_000000362060_00333_28443_6400.N1	09-AUG-2007 03:12:43	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28443	No
33	GOM_NL__2PRFIN20070809_031421_000000352060_00333_28443_6401.N1	09-AUG-2007 03:14:21	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28443	No
34	GOM_NL__2PRFIN20070809_032129_000000392060_00333_28443_6402.N1	09-AUG-2007 03:21:29	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28443	No
35	GOM_NL__2PRFIN20070809_032304_000000362060_00333_28443_6403.N1	09-AUG-2007 03:23:04	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28443	No
36	GOM_NL__2PRFIN20070809_033545_000000352060_00333_28443_6404.N1	09-AUG-2007 03:35:45	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28443	No
37	GOM_NL__2PRFIN20070809_034844_000000362060_00333_28443_6405.N1	09-AUG-2007 03:48:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	28443	No
38	GOM_NL__2PRFIN20070809_035103_000000362060_00333_28443_6406.N1	09-AUG-2007 03:51:03	Bright	35.500	107	37The Aur	2.6490	11000.	71	28443	No
39	GOM_NL__2PRFIN20070809_035509_000000442060_00333_28443_6407.N1	09-AUG-2007 03:55:09	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	28443	No
40	GOM_NL__2PRFIN20070809_035957_000000512060_00333_28443_6408.N1	09-AUG-2007 03:59:57	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	28443	No
41	GOM_NL__2PRFIN20070809_040253_000000452060_00333_28443_6409.N1	09-AUG-2007 04:02:53	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	28443	No
42	GOM_NL__2PRFIN20070809_040415_000000422060_00333_28443_6410.N1	09-AUG-2007 04:04:15	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	28443	No

220	GOM_NL__2PRFIN20070809_214806_000000352060_00344_28454_6573.N1	09-AUG-2007 21:48:06	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	28454	No
221	GOM_NL__2PRFIN20070809_214938_000000352060_00344_28454_6574.N1	09-AUG-2007 21:49:38	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28454	No
222	GOM_NL__2PRFIN20070809_220220_000000362060_00344_28454_6575.N1	09-AUG-2007 22:02:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28454	No
223	GOM_NL__2PRFIN20070809_221520_000000362060_00344_28454_6576.N1	09-AUG-2007 22:15:20	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	28454	No
224	GOM_NL__2PRFIN20070809_221740_000000382060_00344_28454_6577.N1	09-AUG-2007 22:17:40	Bright	37.500	107	37The Aur	2.6490	11000.	75	28454	No
225	GOM_NL__2PRFIN20070809_222147_000000492060_00344_28454_6578.N1	09-AUG-2007 22:21:47	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	28454	No
226	GOM_NL__2PRFIN20070809_222636_000000422060_00344_28454_6579.N1	09-AUG-2007 22:26:36	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	28454	No
227	GOM_NL__2PRFIN20070809_222933_000000462060_00344_28454_6580.N1	09-AUG-2007 22:29:33	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	28454	No
228	GOM_NL__2PRFIN20070809_223055_000000432060_00344_28454_6581.N1	09-AUG-2007 22:30:55	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	28454	No
229	GOM_NL__2PRFIN20070809_223224_000000452060_00344_28454_6582.N1	09-AUG-2007 22:32:24	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28454	No
230	GOM_NL__2PRFIN20070809_223418_000000442060_00344_28454_6583.N1	09-AUG-2007 22:34:18	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	28454	No
231	GOM_NL__2PRFIN20070809_223624_000000362060_00344_28454_6584.N1	09-AUG-2007 22:36:24	Dark	36.000	177	1Zet CMa	3.0220	26000.	72	28454	No
232	GOM_NL__2PRFIN20070809_225207_000000562060_00345_28455_6580.N1	09-AUG-2007 22:52:07	Dark	55.500	9	Alp Eri	0.45300	24000.	111	28455	No
233	GOM_NL__2PRFIN20070809_225824_000000472060_00345_28455_6581.N1	09-AUG-2007 22:58:24	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	28455	No
234	GOM_NL__2PRFIN20070809_230153_000000432060_00345_28455_6582.N1	09-AUG-2007 23:01:53	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28455	No
235	GOM_NL__2PRFIN20070809_231954_000000362060_00345_28455_6583.N1	09-AUG-2007 23:19:54	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28455	No
236	GOM_NL__2PRFIN20070809_232134_000000362060_00345_28455_6584.N1	09-AUG-2007 23:21:34	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28455	No
237	GOM_NL__2PRFIN20070809_232842_000000372060_00345_28455_6585.N1	09-AUG-2007 23:28:42	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28455	No
238	GOM_NL__2PRFIN20070809_233014_000000362060_00345_28455_6586.N1	09-AUG-2007 23:30:14	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28455	No
239	GOM_NL__2PRFIN20070809_234256_000000332060_00345_28455_6587.N1	09-AUG-2007 23:42:56	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28455	No
240	GOM_NL__2PRFIN20070809_235556_000000522060_00345_28455_6588.N1	09-AUG-2007 23:55:56	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	28455	No
241	GOM_NL__2PRFIN20070809_235816_000000372060_00345_28455_6589.N1	09-AUG-2007 23:58:16	Bright	36.500	107	37The Aur	2.6490	11000.	73	28455	No

3. Quality information per product

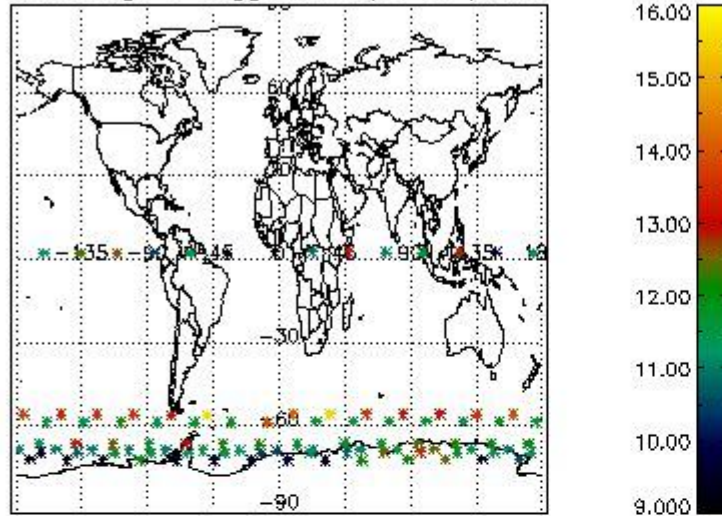
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

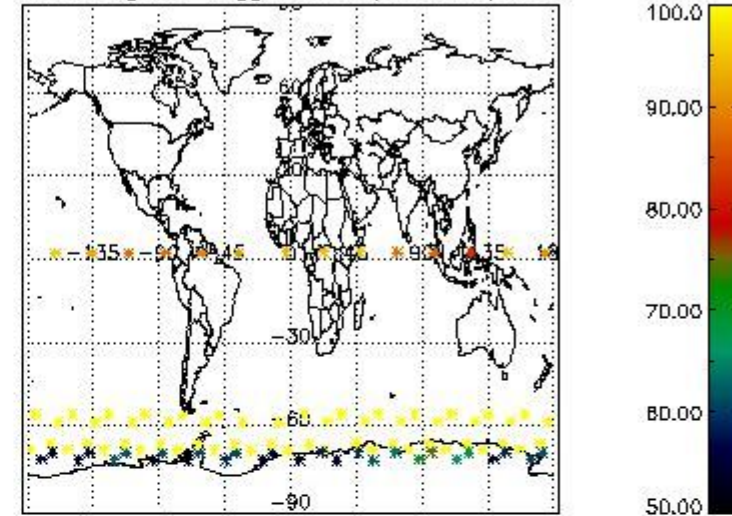


3.2 Plot quality information per product (world map)

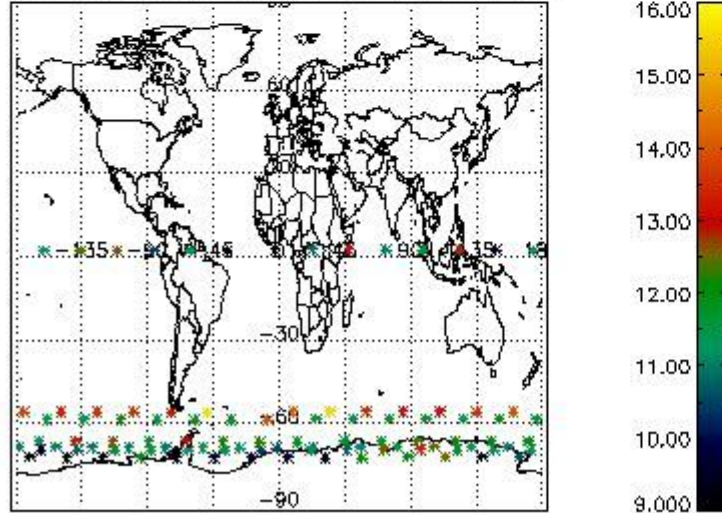
Percentage of flagged data per O3 profile



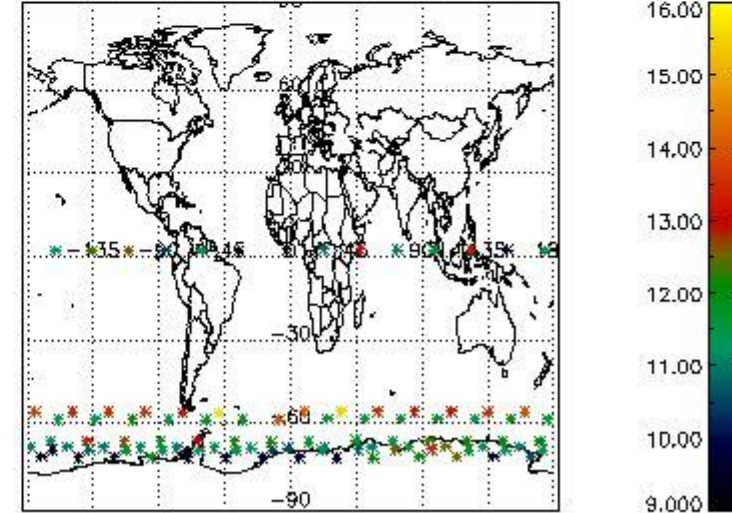
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

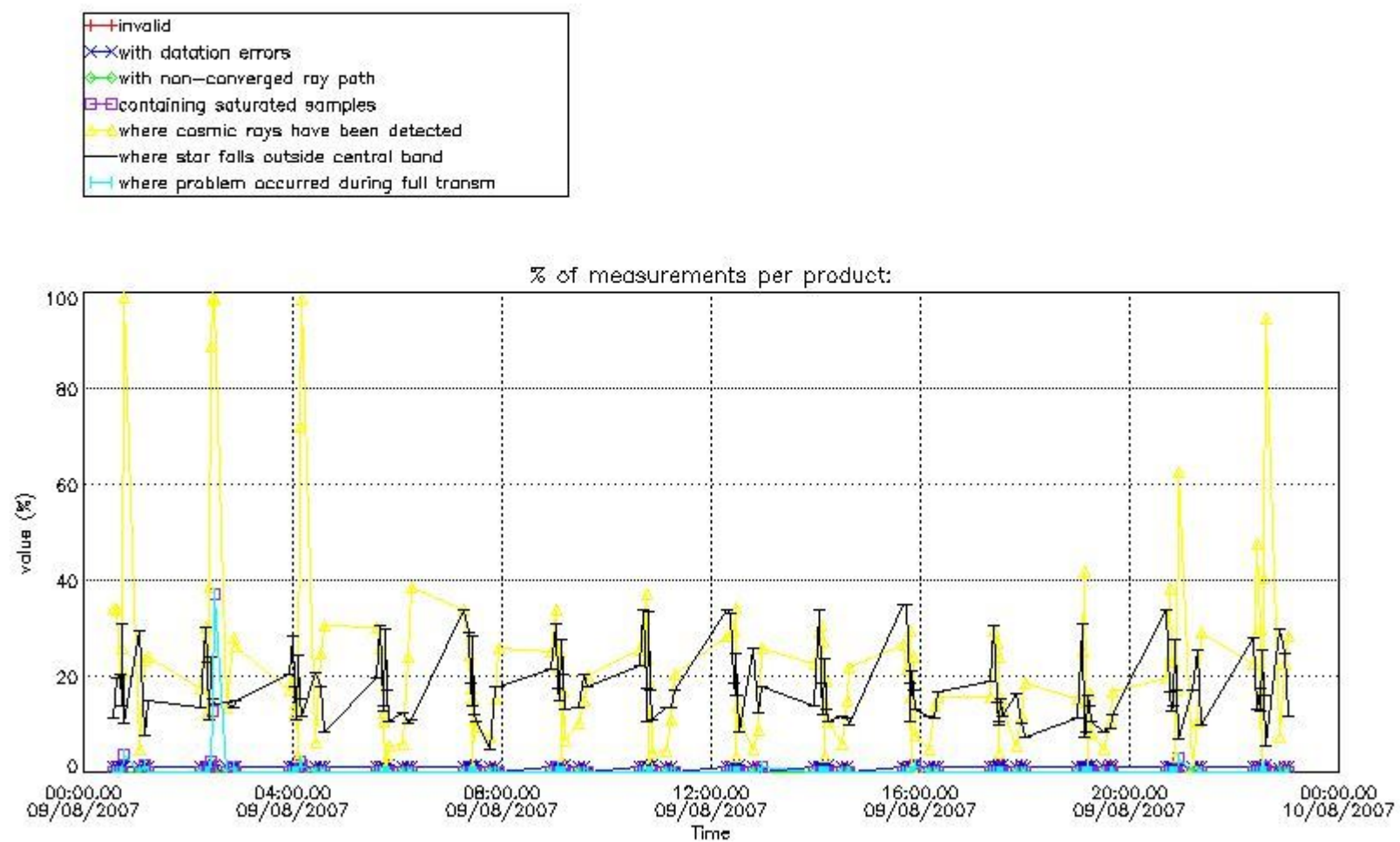


4. Level 1 quality information per product

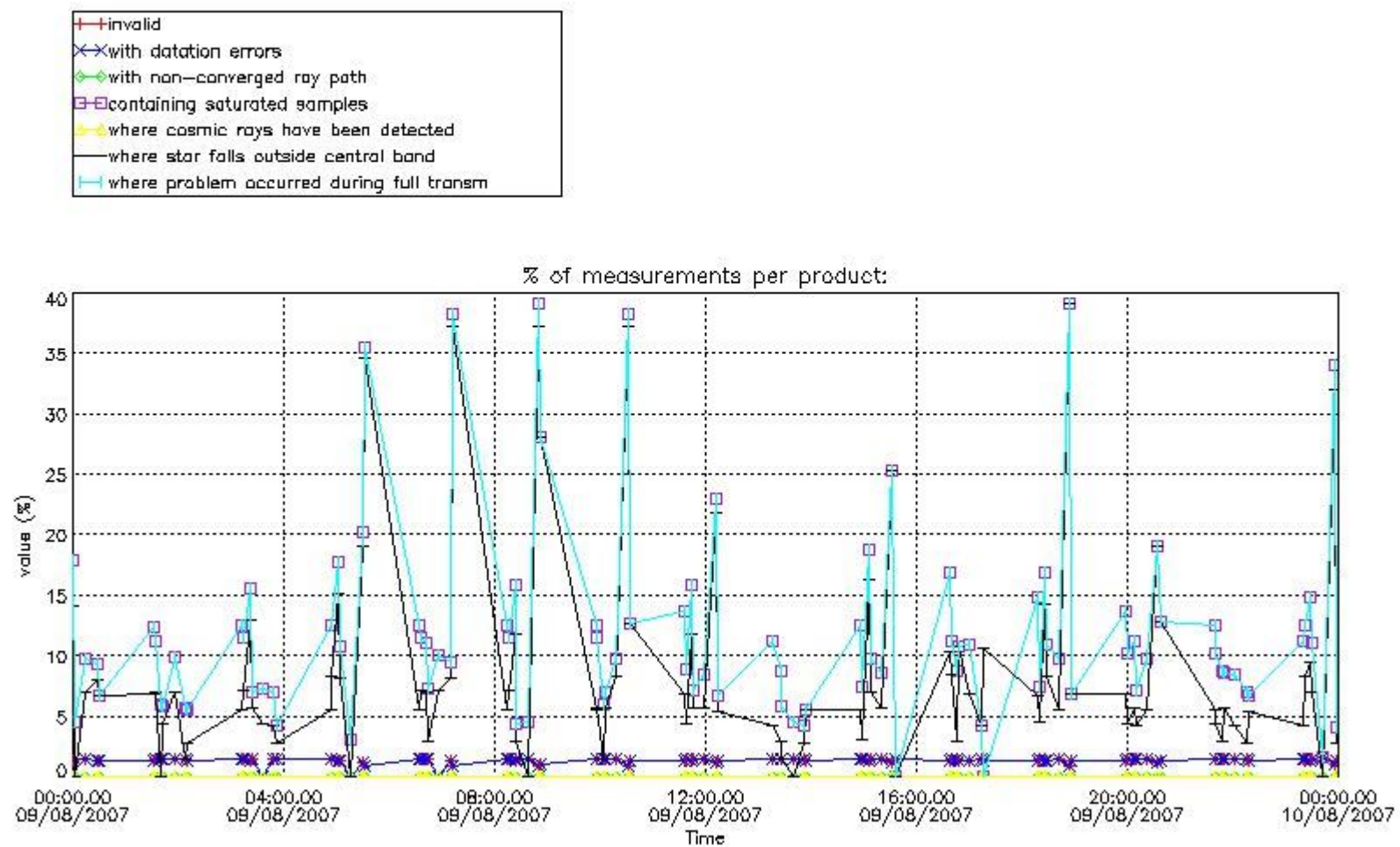
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

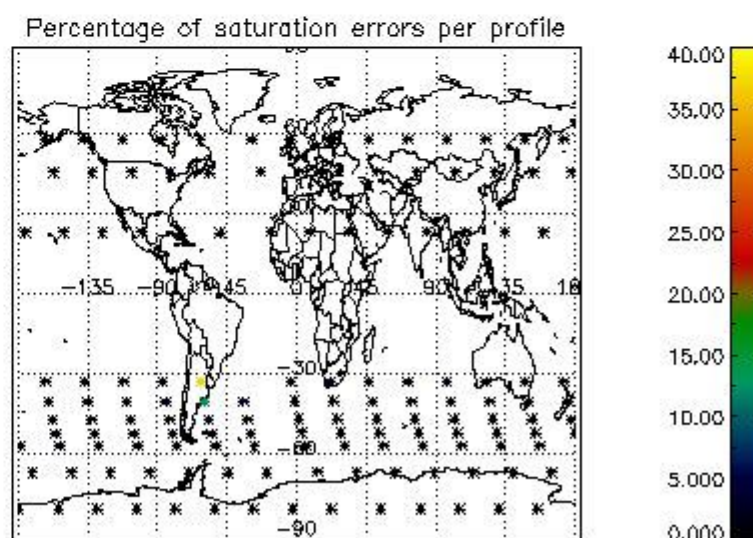
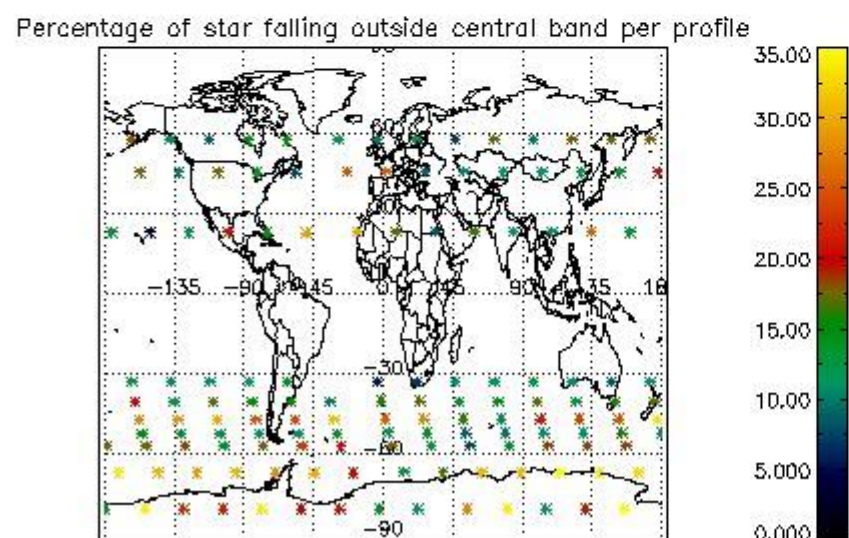
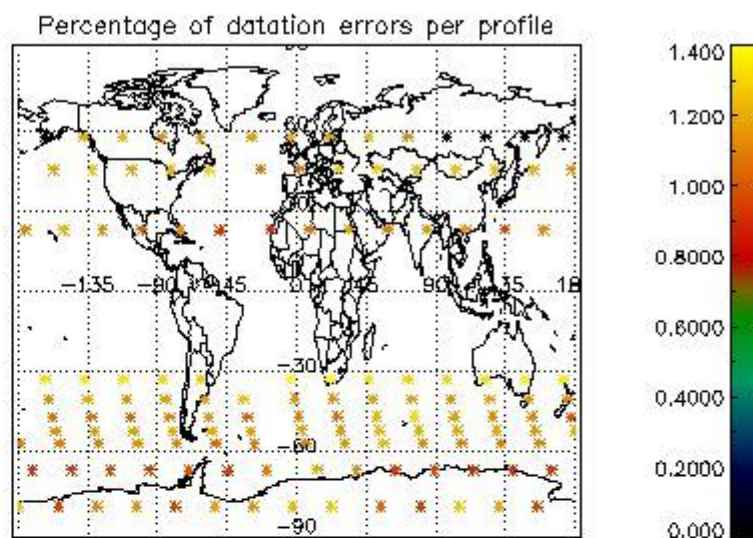
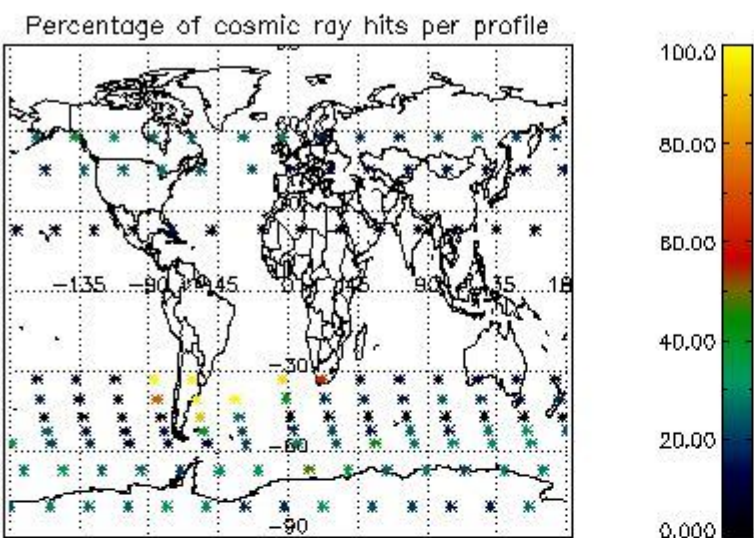


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

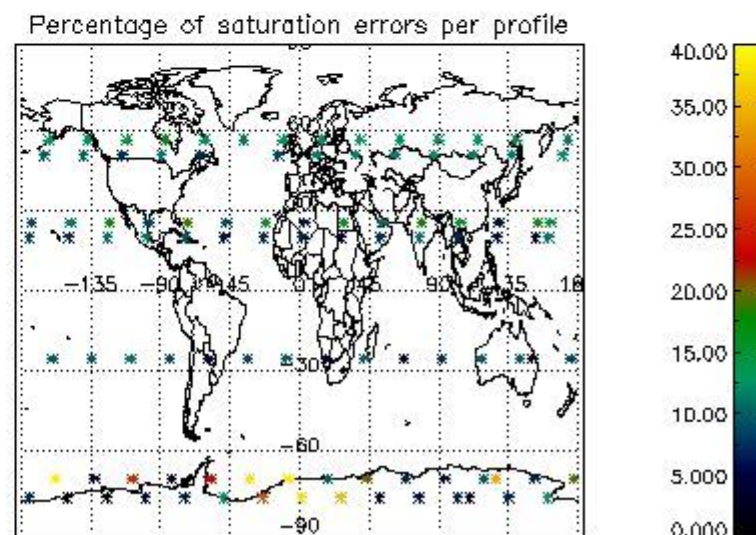
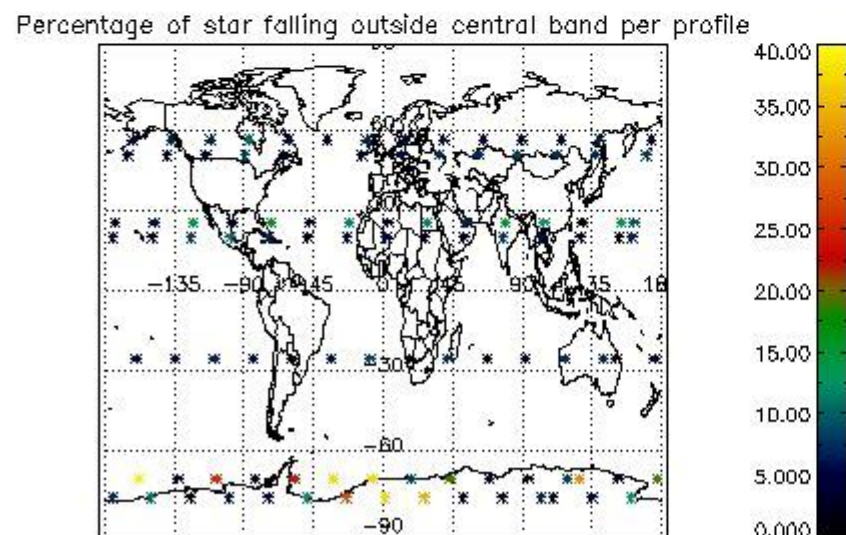
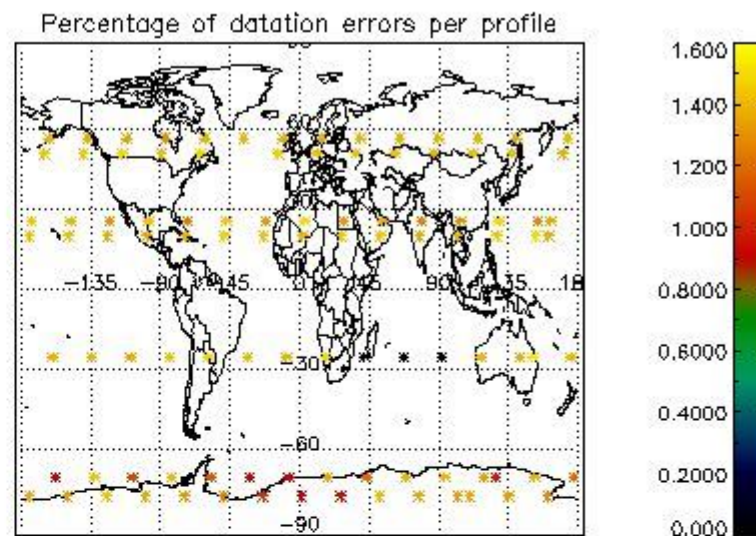
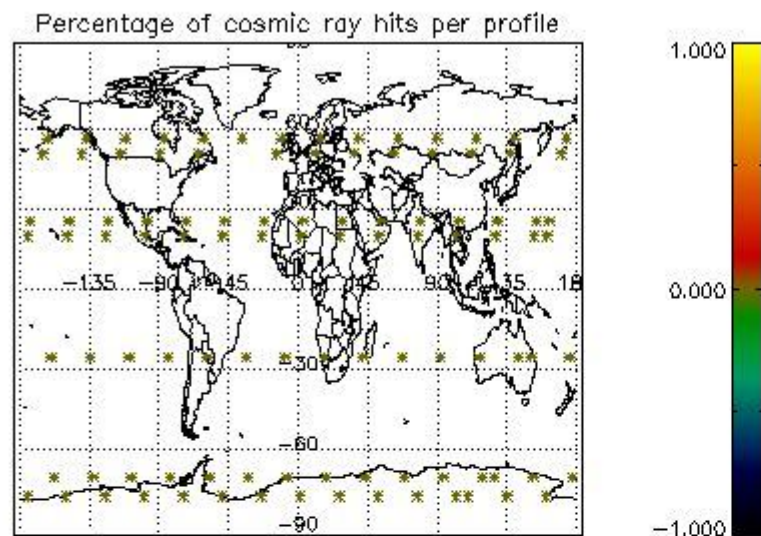


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

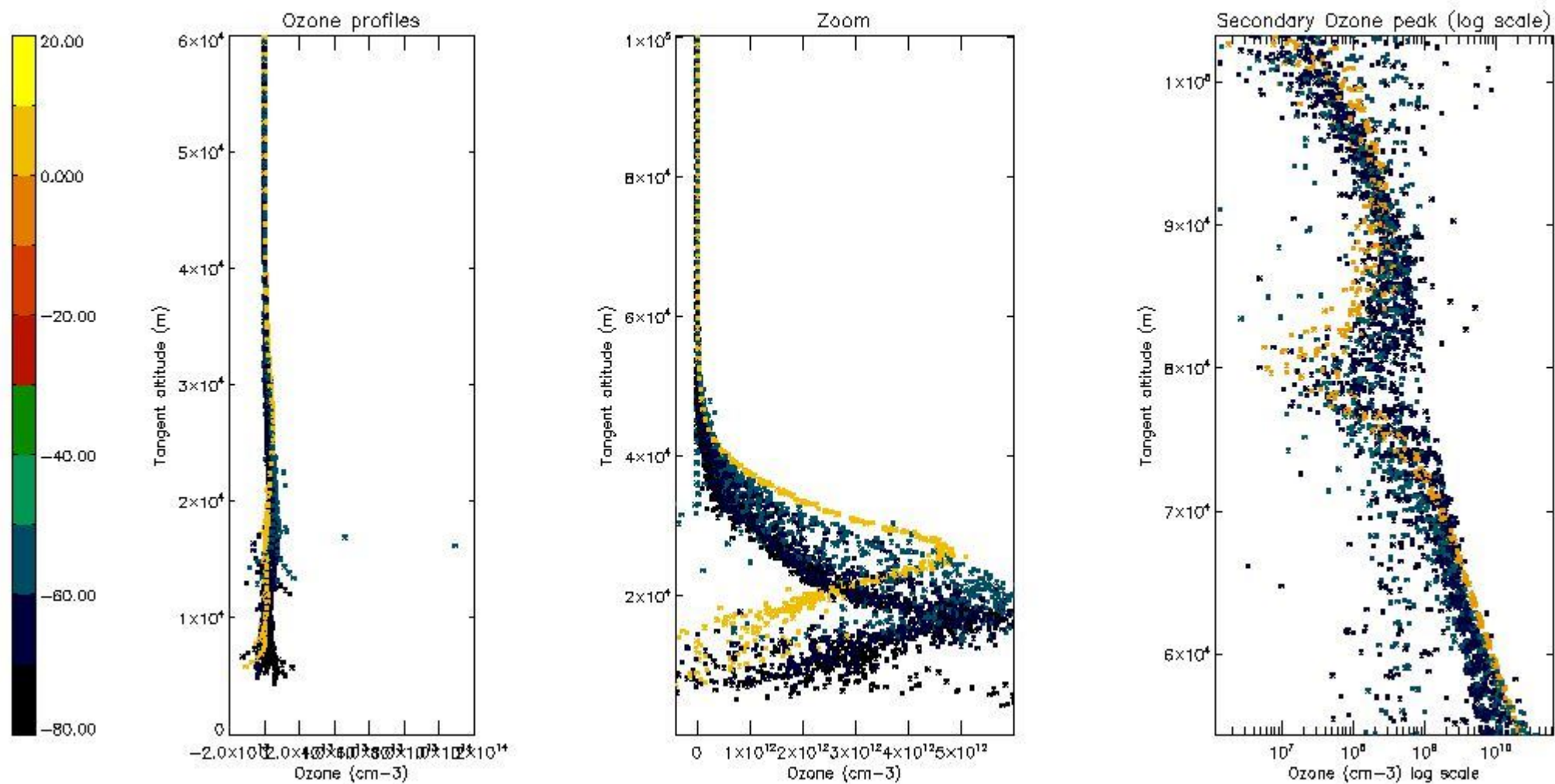
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	27

STD < 10	22
STD < 5	16

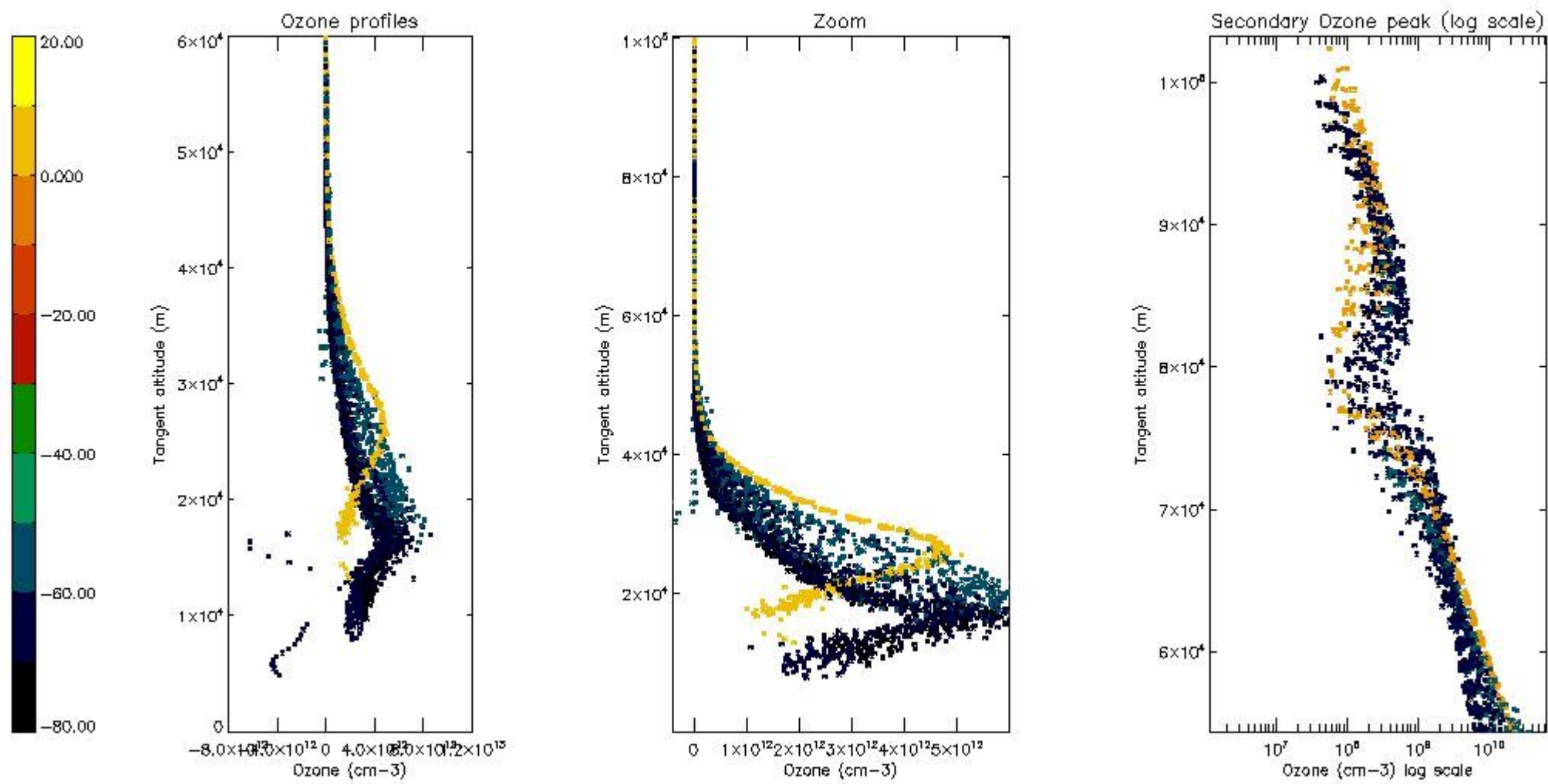
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



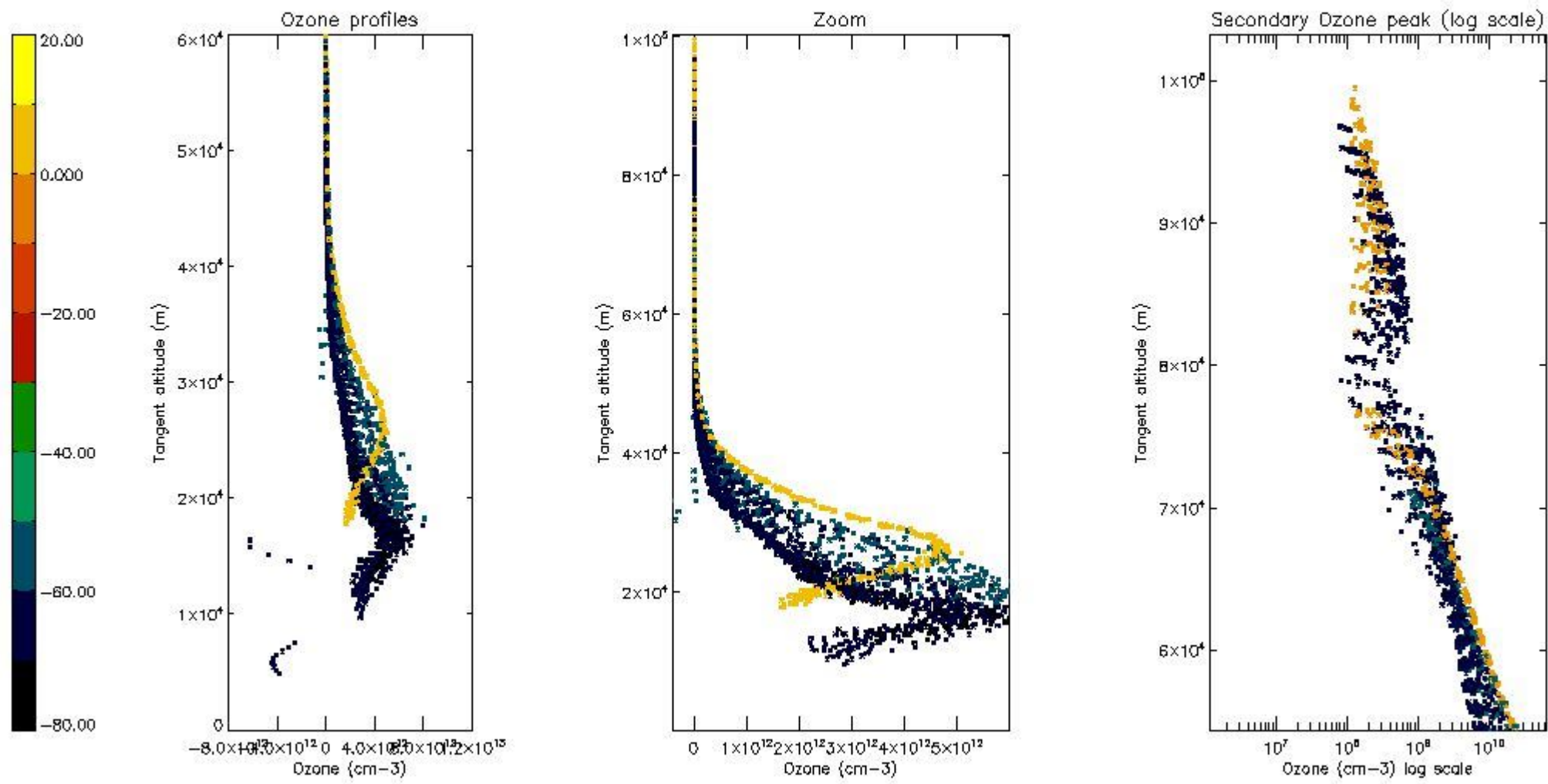
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



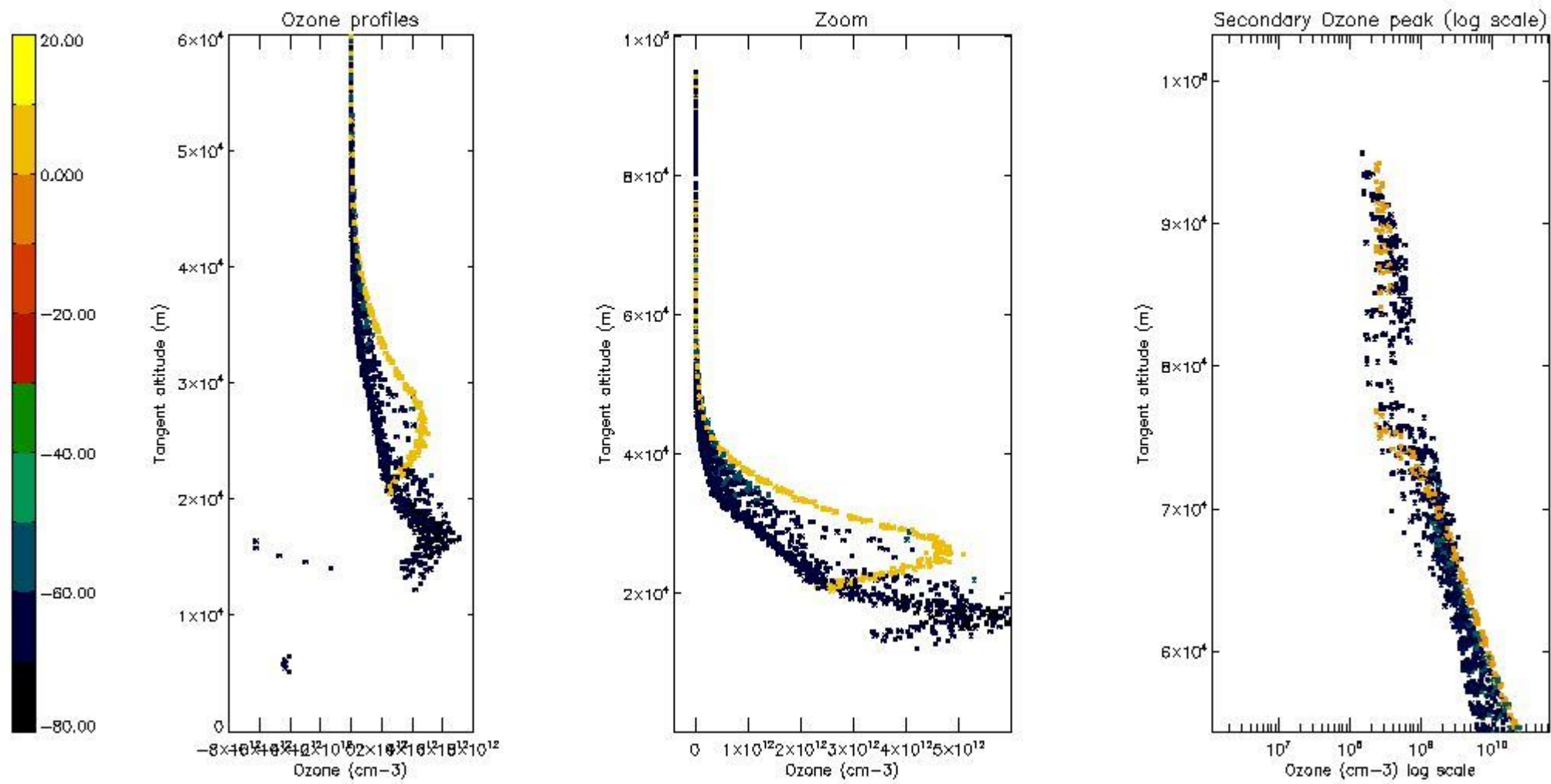
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



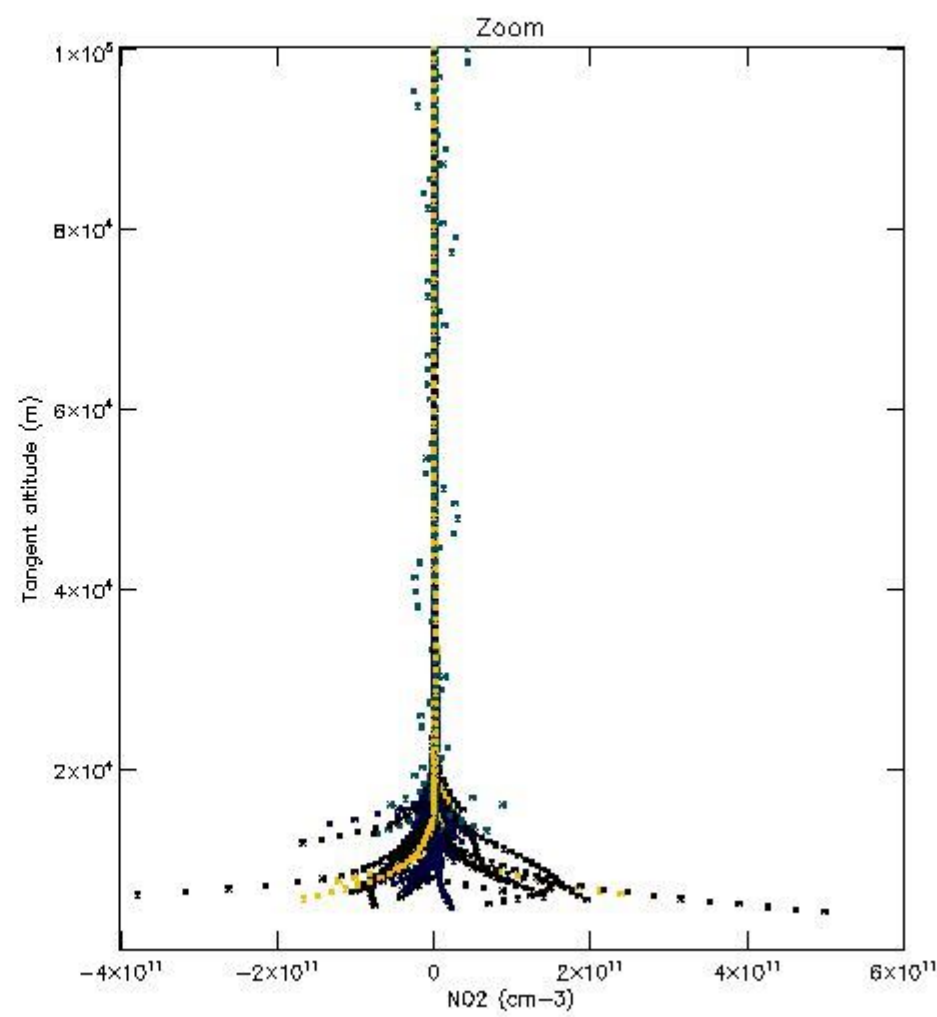
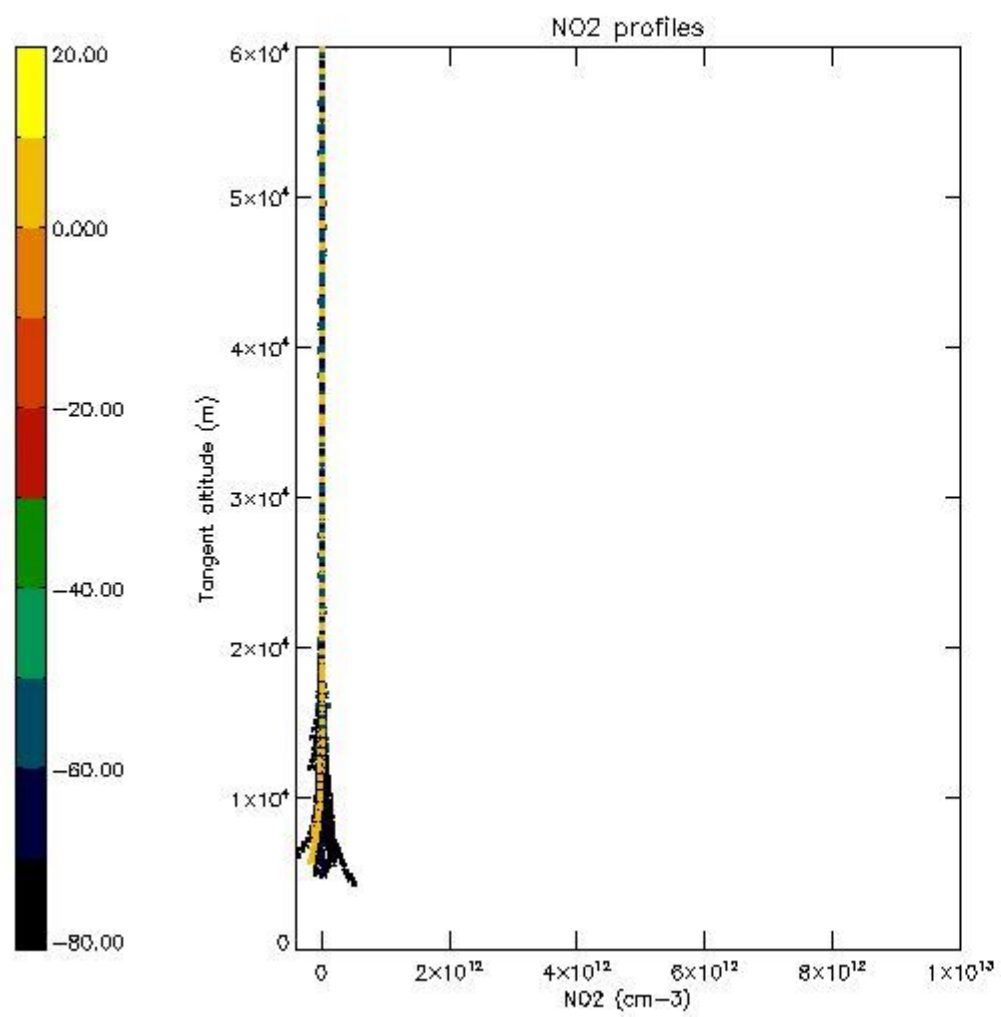
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



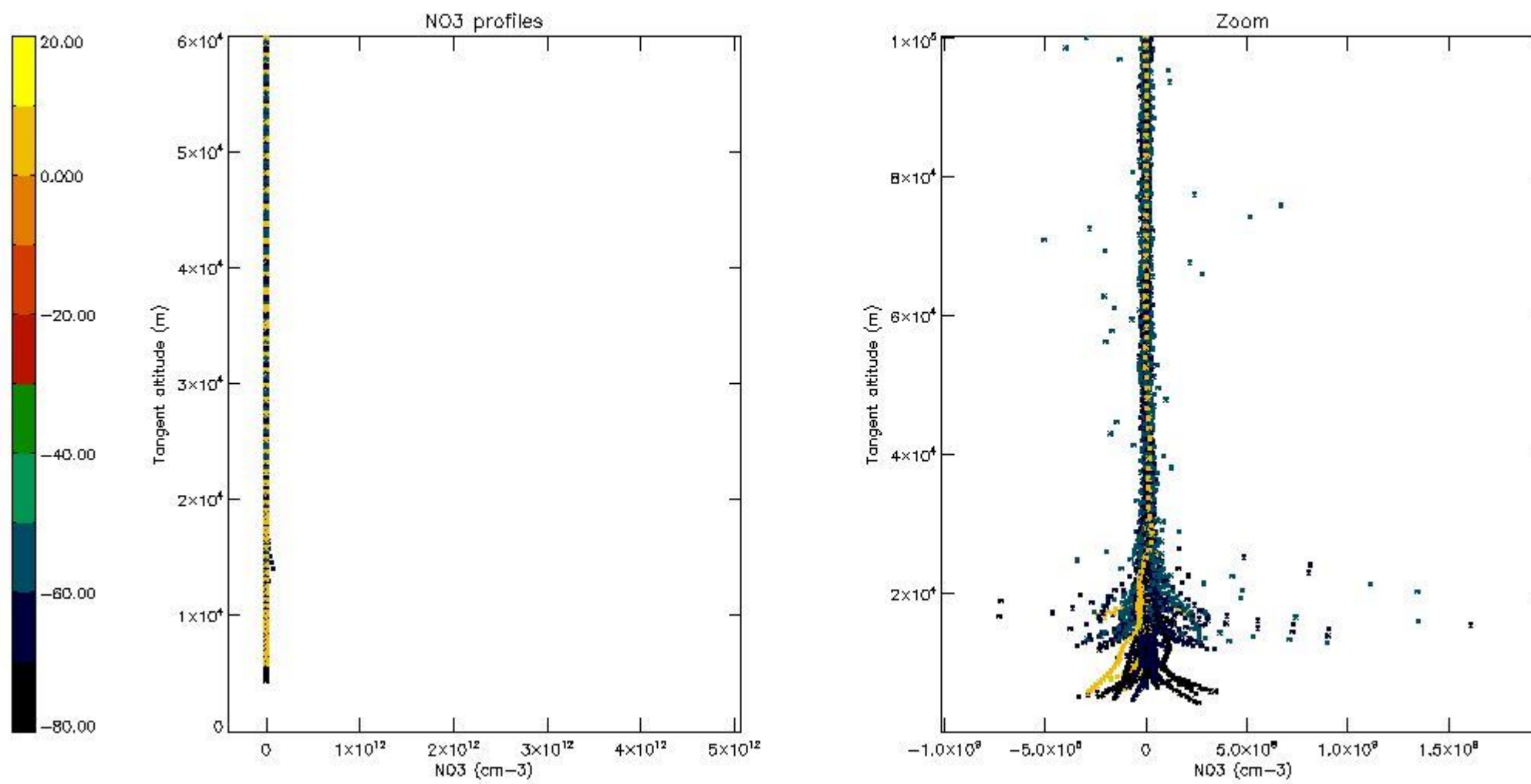
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



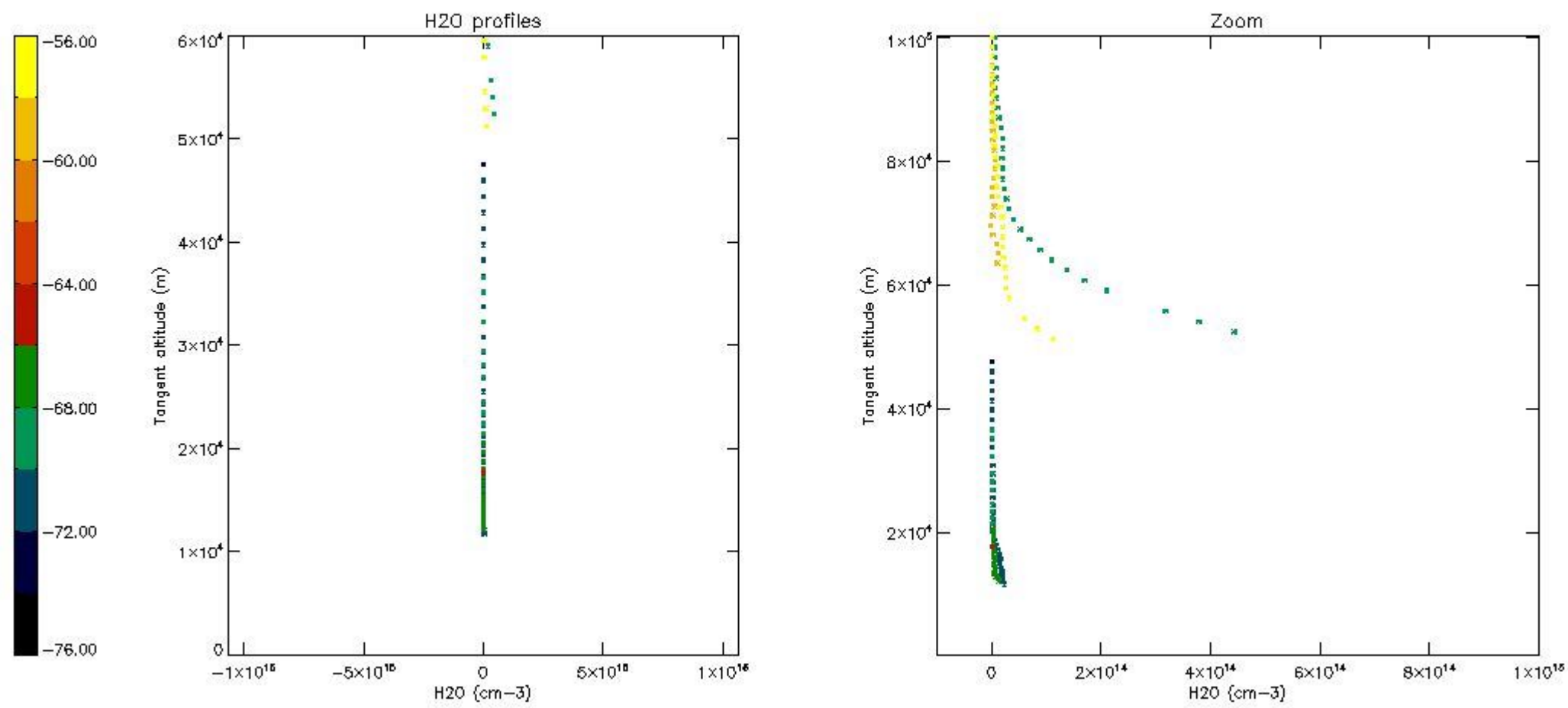
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-AUG-2007 00:00:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-AUG-2007 00:00:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-AUG-2007 00:00:17

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[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	22APR2013 23:30:42
Data source version	GOMOS/6.01
Start time of products	09-08-2007 (09AUG2007 00:00:00)
Stop time of products	10-08-2007 (10AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	241
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__2PRFIN20070809_000017_000000392060_00331_28441_6344.N1	09-AUG-2007 00:00:17	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28441	No
2	GOM_NL__2PRFIN20070809_000152_000000342060_00331_28441_6345.N1	09-AUG-2007 00:01:52	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28441	No
3	GOM_NL__2PRFIN20070809_001433_000000362060_00331_28441_6346.N1	09-AUG-2007 00:14:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28441	No
4	GOM_NL__2PRFIN20070809_002732_000000382060_00331_28441_6347.N1	09-AUG-2007 00:27:32	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	28441	No
5	GOM_NL__2PRFIN20070809_002951_000000382060_00331_28441_6348.N1	09-AUG-2007 00:29:51	Bright	37.500	107	37The Aur	2.6490	11000.	75	28441	No
6	GOM_NL__2PRFIN20070809_003357_000000402060_00331_28441_6349.N1	09-AUG-2007 00:33:57	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	28441	No
7	GOM_NL__2PRFIN20070809_003844_000000462060_00331_28441_6350.N1	09-AUG-2007 00:38:44	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	28441	No
8	GOM_NL__2PRFIN20070809_004140_000000472060_00331_28441_6351.N1	09-AUG-2007 00:41:40	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	28441	No
9	GOM_NL__2PRFIN20070809_004302_000000432060_00331_28441_6352.N1	09-AUG-2007 00:43:02	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	28441	No
10	GOM_NL__2PRFIN20070809_004434_000000492060_00331_28441_6353.N1	09-AUG-2007 00:44:34	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28441	No
11	GOM_NL__2PRFIN20070809_004624_000000402060_00331_28441_6354.N1	09-AUG-2007 00:46:24	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28441	No
12	GOM_NL__2PRFIN20070809_010411_000000552060_00332_28442_6384.N1	09-AUG-2007 01:04:11	Dark	54.500	9	Alp Eri	0.45300	24000.	109	28442	No
13	GOM_NL__2PRFIN20070809_011032_000000392060_00332_28442_6385.N1	09-AUG-2007 01:10:32	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28442	No
14	GOM_NL__2PRFIN20070809_011401_000000442060_00332_28442_6386.N1	09-AUG-2007 01:14:01	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	28442	No
15	GOM_NL__2PRFIN20070809_013207_000000372060_00332_28442_6387.N1	09-AUG-2007 01:32:07	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28442	No
16	GOM_NL__2PRFIN20070809_013345_000000362060_00332_28442_6388.N1	09-AUG-2007 01:33:45	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28442	No
17	GOM_NL__2PRFIN20070809_014053_000000342060_00332_28442_6389.N1	09-AUG-2007 01:40:53	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28442	No
18	GOM_NL__2PRFIN20070809_014228_000000352060_00332_28442_6390.N1	09-AUG-2007 01:42:28	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28442	No
19	GOM_NL__2PRFIN20070809_015509_000000362060_00332_28442_6391.N1	09-AUG-2007 01:55:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28442	No
20	GOM_NL__2PRFIN20070809_020808_000000362060_00332_28442_6392.N1	09-AUG-2007 02:08:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28442	No
21	GOM_NL__2PRFIN20070809_021027_000000372060_00332_28442_6393.N1	09-AUG-2007 02:10:27	Bright	36.500	107	37The Aur	2.6490	11000.	73	28442	No
22	GOM_NL__2PRFIN20070809_021433_000000412060_00332_28442_6394.N1	09-AUG-2007 02:14:33	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	28442	No
23	GOM_NL__2PRFIN20070809_021920_000000532060_00332_28442_6395.N1	09-AUG-2007 02:19:20	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28442	No
24	GOM_NL__2PRFIN20070809_022217_000000482060_00332_28442_6396.N1	09-AUG-2007 02:22:17	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	28442	No
25	GOM_NL__2PRFIN20070809_022339_000000422060_00332_28442_6397.N1	09-AUG-2007 02:23:39	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	28442	No
26	GOM_NL__2PRFIN20070809_022510_000000442060_00332_28442_6398.N1	09-AUG-2007 02:25:10	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28442	No
27	GOM_NL__2PRFIN20070809_022701_000000432060_00332_28442_6399.N1	09-AUG-2007 02:27:01	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28442	No
28	GOM_NL__2PRFIN20070809_022909_000000392060_00332_28442_6400.N1	09-AUG-2007 02:29:09	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28442	No
29	GOM_NL__2PRFIN20070809_024448_000000452060_00333_28443_6397.N1	09-AUG-2007 02:44:48	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28443	No
30	GOM_NL__2PRFIN20070809_025108_000000412060_00333_28443_6398.N1	09-AUG-2007 02:51:08	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28443	No
31	GOM_NL__2PRFIN20070809_025437_000000442060_00333_28443_6399.N1	09-AUG-2007 02:54:37	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	28443	No
32	GOM_NL__2PRFIN20070809_031243_000000362060_00333_28443_6400.N1	09-AUG-2007 03:12:43	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28443	No
33	GOM_NL__2PRFIN20070809_031421_000000352060_00333_28443_6401.N1	09-AUG-2007 03:14:21	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28443	No
34	GOM_NL__2PRFIN20070809_032129_000000392060_00333_28443_6402.N1	09-AUG-2007 03:21:29	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28443	No
35	GOM_NL__2PRFIN20070809_032304_000000362060_00333_28443_6403.N1	09-AUG-2007 03:23:04	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28443	No
36	GOM_NL__2PRFIN20070809_033545_000000352060_00333_28443_6404.N1	09-AUG-2007 03:35:45	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28443	No
37	GOM_NL__2PRFIN20070809_034844_000000362060_00333_28443_6405.N1	09-AUG-2007 03:48:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	28443	No
38	GOM_NL__2PRFIN20070809_035103_000000362060_00333_28443_6406.N1	09-AUG-2007 03:51:03	Bright	35.500	107	37The Aur	2.6490	11000.	71	28443	No
39	GOM_NL__2PRFIN20070809_035509_000000442060_00333_28443_6407.N1	09-AUG-2007 03:55:09	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	28443	No
40	GOM_NL__2PRFIN20070809_035957_000000512060_00333_28443_6408.N1	09-AUG-2007 03:59:57	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	28443	No
41	GOM_NL__2PRFIN20070809_040253_000000452060_00333_28443_6409.N1	09-AUG-2007 04:02:53	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	28443	No
42	GOM_NL__2PRFIN20070809_040415_000000422060_00333_28443_6410.N1	09-AUG-2007 04:04:15	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	28443	No

43	GOM_NL__2PRFIN20070809_040546_000000452060_00333_28443_6411.N1	09-AUG-2007 04:05:46	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28443	No
44	GOM_NL__2PRFIN20070809_040737_000000432060_00333_28443_6412.N1	09-AUG-2007 04:07:37	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28443	No
45	GOM_NL__2PRFIN20070809_040946_000000392060_00333_28443_6413.N1	09-AUG-2007 04:09:46	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28443	No
46	GOM_NL__2PRFIN20070809_042524_000000492060_00334_28444_6421.N1	09-AUG-2007 04:25:24	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28444	No
47	GOM_NL__2PRFIN20070809_043145_000000432060_00334_28444_6422.N1	09-AUG-2007 04:31:45	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28444	No
48	GOM_NL__2PRFIN20070809_043513_000000412060_00334_28444_6423.N1	09-AUG-2007 04:35:13	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28444	No
49	GOM_NL__2PRFIN20070809_045319_000000362060_00334_28444_6424.N1	09-AUG-2007 04:53:19	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28444	No
50	GOM_NL__2PRFIN20070809_045457_000000362060_00334_28444_6425.N1	09-AUG-2007 04:54:57	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28444	No
51	GOM_NL__2PRFIN20070809_050205_000000402060_00334_28444_6426.N1	09-AUG-2007 05:02:05	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	28444	No
52	GOM_NL__2PRFIN20070809_050340_000000372060_00334_28444_6427.N1	09-AUG-2007 05:03:40	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	28444	No
53	GOM_NL__2PRFIN20070809_051621_000000322060_00334_28444_6428.N1	09-AUG-2007 05:16:21	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28444	No
54	GOM_NL__2PRFIN20070809_052920_000000422060_00334_28444_6429.N1	09-AUG-2007 05:29:20	Bright	42.000	42	34Bet Aur	1.9000	10200.	84	28444	No
55	GOM_NL__2PRFIN20070809_053140_000000542060_00334_28444_6430.N1	09-AUG-2007 05:31:40	Bright	53.500	107	37The Aur	2.6490	11000.	107	28444	No
56	GOM_NL__2PRFIN20070809_053546_000000432060_00334_28444_6431.N1	09-AUG-2007 05:35:46	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	28444	No
57	GOM_NL__2PRFIN20070809_054033_000000532060_00334_28444_6432.N1	09-AUG-2007 05:40:33	Dark	52.500	14	58Alp Ori	0.87000	3000.0	105	28444	No
58	GOM_NL__2PRFIN20070809_054330_000000442060_00334_28444_6433.N1	09-AUG-2007 05:43:30	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	28444	No
59	GOM_NL__2PRFIN20070809_054452_000000432060_00334_28444_6434.N1	09-AUG-2007 05:44:52	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	28444	No
60	GOM_NL__2PRFIN20070809_054622_000000492060_00334_28444_6435.N1	09-AUG-2007 05:46:22	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28444	No
61	GOM_NL__2PRFIN20070809_054814_000000442060_00334_28444_6436.N1	09-AUG-2007 05:48:14	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	28444	No
62	GOM_NL__2PRFIN20070809_055022_000000382060_00334_28444_6437.N1	09-AUG-2007 05:50:22	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28444	No
63	GOM_NL__2PRFIN20070809_060601_000000442060_00335_28445_6431.N1	09-AUG-2007 06:06:01	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28445	No
64	GOM_NL__2PRFIN20070809_061221_000000402060_00335_28445_6432.N1	09-AUG-2007 06:12:21	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28445	No
65	GOM_NL__2PRFIN20070809_061550_000000422060_00335_28445_6433.N1	09-AUG-2007 06:15:50	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28445	No
66	GOM_NL__2PRFIN20070809_063355_000000362060_00335_28445_6434.N1	09-AUG-2007 06:33:55	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28445	No
67	GOM_NL__2PRFIN20070809_063534_000000352060_00335_28445_6435.N1	09-AUG-2007 06:35:34	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28445	No
68	GOM_NL__2PRFIN20070809_064241_000000362060_00335_28445_6436.N1	09-AUG-2007 06:42:41	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	28445	No
69	GOM_NL__2PRFIN20070809_064416_000000352060_00335_28445_6437.N1	09-AUG-2007 06:44:16	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28445	No
70	GOM_NL__2PRFIN20070809_065657_000000352060_00335_28445_6438.N1	09-AUG-2007 06:56:57	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28445	No
71	GOM_NL__2PRFIN20070809_070956_000000372060_00335_28445_6439.N1	09-AUG-2007 07:09:56	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	28445	No
72	GOM_NL__2PRFIN20070809_071216_000000552060_00335_28445_6440.N1	09-AUG-2007 07:12:16	Bright	55.000	107	37The Aur	2.6490	11000.	110	28445	No
73	GOM_NL__2PRFIN20070809_071622_000000532060_00335_28445_6441.N1	09-AUG-2007 07:16:22	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28445	No
74	GOM_NL__2PRFIN20070809_072109_000000522060_00335_28445_6442.N1	09-AUG-2007 07:21:09	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	28445	No
75	GOM_NL__2PRFIN20070809_072406_000000462060_00335_28445_6443.N1	09-AUG-2007 07:24:06	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28445	No
76	GOM_NL__2PRFIN20070809_072528_000000432060_00335_28445_6444.N1	09-AUG-2007 07:25:28	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	28445	No
77	GOM_NL__2PRFIN20070809_072658_000000482060_00335_28445_6445.N1	09-AUG-2007 07:26:58	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28445	No
78	GOM_NL__2PRFIN20070809_072850_000000422060_00335_28445_6446.N1	09-AUG-2007 07:28:50	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	28445	No
79	GOM_NL__2PRFIN20070809_073058_000000382060_00335_28445_6447.N1	09-AUG-2007 07:30:58	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28445	No
80	GOM_NL__2PRFIN20070809_074638_000000412060_00336_28446_6447.N1	09-AUG-2007 07:46:38	Dark	41.000	9	Alp Eri	0.45300	24000.	82	28446	No
81	GOM_NL__2PRFIN20070809_075257_000000432060_00336_28446_6448.N1	09-AUG-2007 07:52:57	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28446	No
82	GOM_NL__2PRFIN20070809_075626_000000452060_00336_28446_6449.N1	09-AUG-2007 07:56:26	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	28446	No
83	GOM_NL__2PRFIN20070809_081431_000000362060_00336_28446_6450.N1	09-AUG-2007 08:14:31	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28446	No
84	GOM_NL__2PRFIN20070809_081610_000000352060_00336_28446_6451.N1	09-AUG-2007 08:16:10	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28446	No
85	GOM_NL__2PRFIN20070809_082317_000000382060_00336_28446_6452.N1	09-AUG-2007 08:23:17	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28446	No
86	GOM_NL__2PRFIN20070809_082452_000000352060_00336_28446_6453.N1	09-AUG-2007 08:24:52	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28446	No
87	GOM_NL__2PRFIN20070809_083733_000000342060_00336_28446_6454.N1	09-AUG-2007 08:37:33	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28446	No
88	GOM_NL__2PRFIN20070809_085032_000000552060_00336_28446_6455.N1	09-AUG-2007 08:50:32	Bright	55.000	42	34Bet Aur	1.9000	10200.	110	28446	No
89	GOM_NL__2PRFIN20070809_085252_000000482060_00336_28446_6456.N1	09-AUG-2007 08:52:52	Bright	48.000	107	37The Aur	2.6490	11000.	96	28446	No
90	GOM_NL__2PRFIN20070809_085658_000000442060_00336_28446_6457.N1	09-AUG-2007 08:56:58	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	28446	No
91	GOM_NL__2PRFIN20070809_090146_000000542060_00336_28446_6458.N1	09-AUG-2007 09:01:46	Dark	53.500	14	58Alp Ori	0.87000	3000.0	107	28446	No
92	GOM_NL__2PRFIN20070809_090442_000000462060_00336_28446_6459.N1	09-AUG-2007 09:04:42	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28446	No
93	GOM_NL__2PRFIN20070809_090604_000000442060_00336_28446_6460.N1	09-AUG-2007 09:06:04	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	28446	No
94	GOM_NL__2PRFIN20070809_090734_000000472060_00336_28446_6461.N1	09-AUG-2007 09:07:34	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28446	No
95	GOM_NL__2PRFIN20070809_090927_000000452060_00336_28446_6462.N1	09-AUG-2007 09:09:27	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	28446	No
96	GOM_NL__2PRFIN20070809_091135_000000382060_00336_28446_6463.N1	09-AUG-2007 09:11:35	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28446	No
97	GOM_NL__2PRFIN20070809_092714_000000452060_00337_28447_6465.N1	09-AUG-2007 09:27:14	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28447	No
98	GOM_NL__2PRFIN20070809_093333_000000442060_00337_28447_6466.N1	09-AUG-2007 09:33:33	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	28447	No
99	GOM_NL__2PRFIN20070809_093702_000000452060_00337_28447_6467.N1	09-AUG-2007 09:37:02	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	28447	No
100	GOM_NL__2PRFIN20070809_095507_000000362060_00337_28447_6468.N1	09-AUG-2007 09:55:07	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28447	No
101	GOM_NL__2PRFIN20070809_095646_000000352060_00337_28447_6469.N1	09-AUG-2007 09:56:46	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28447	No

102	GOM_NL__2PRFIN20070809_100353_000000342060_00337_28447_6470.N1	09-AUG-2007 10:03:53	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28447	No
103	GOM_NL__2PRFIN20070809_100527_000000362060_00337_28447_6471.N1	09-AUG-2007 10:05:27	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28447	No
104	GOM_NL__2PRFIN20070809_101809_000000362060_00337_28447_6472.N1	09-AUG-2007 10:18:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28447	No
105	GOM_NL__2PRFIN20070809_103108_000000552060_00337_28447_6473.N1	09-AUG-2007 10:31:08	Bright	55.000	42	34Bet Aur	1.9000	10200.	110	28447	No
106	GOM_NL__2PRFIN20070809_103328_000000402060_00337_28447_6474.N1	09-AUG-2007 10:33:28	Bright	39.500	107	37The Aur	2.6490	11000.	79	28447	No
107	GOM_NL__2PRFIN20070809_103734_000000452060_00337_28447_6475.N1	09-AUG-2007 10:37:34	Bright	45.000	151	13Mu Gem	2.8900	3000.0	90	28447	No
108	GOM_NL__2PRFIN20070809_104222_000000552060_00337_28447_6476.N1	09-AUG-2007 10:42:22	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28447	No
109	GOM_NL__2PRFIN20070809_104519_000000462060_00337_28447_6477.N1	09-AUG-2007 10:45:19	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28447	No
110	GOM_NL__2PRFIN20070809_104641_000000422060_00337_28447_6478.N1	09-AUG-2007 10:46:41	Dark	42.000	125	44lot Ori	2.7700	30000.	84	28447	No
111	GOM_NL__2PRFIN20070809_104811_000000512060_00337_28447_6479.N1	09-AUG-2007 10:48:11	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28447	No
112	GOM_NL__2PRFIN20070809_105003_000000442060_00337_28447_6480.N1	09-AUG-2007 10:50:03	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	28447	No
113	GOM_NL__2PRFIN20070809_105211_000000372060_00337_28447_6481.N1	09-AUG-2007 10:52:11	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28447	No
114	GOM_NL__2PRFIN20070809_110751_000000452060_00338_28448_6476.N1	09-AUG-2007 11:07:51	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28448	No
115	GOM_NL__2PRFIN20070809_111410_000000412060_00338_28448_6477.N1	09-AUG-2007 11:14:10	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28448	No
116	GOM_NL__2PRFIN20070809_111739_000000442060_00338_28448_6478.N1	09-AUG-2007 11:17:39	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	28448	No
117	GOM_NL__2PRFIN20070809_113543_000000372060_00338_28448_6479.N1	09-AUG-2007 11:35:43	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28448	No
118	GOM_NL__2PRFIN20070809_113722_000000342060_00338_28448_6480.N1	09-AUG-2007 11:37:22	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28448	No
119	GOM_NL__2PRFIN20070809_114430_000000382060_00338_28448_6481.N1	09-AUG-2007 11:44:30	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28448	No
120	GOM_NL__2PRFIN20070809_114603_000000352060_00338_28448_6482.N1	09-AUG-2007 11:46:03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28448	No
121	GOM_NL__2PRFIN20070809_115844_000000362060_00338_28448_6483.N1	09-AUG-2007 11:58:44	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28448	No
122	GOM_NL__2PRFIN20070809_121144_000000442060_00338_28448_6484.N1	09-AUG-2007 12:11:44	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	28448	No
123	GOM_NL__2PRFIN20070809_121404_000000382060_00338_28448_6485.N1	09-AUG-2007 12:14:04	Bright	37.500	107	37The Aur	2.6490	11000.	75	28448	No
124	GOM_NL__2PRFIN20070809_121810_000000532060_00338_28448_6486.N1	09-AUG-2007 12:18:10	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28448	No
125	GOM_NL__2PRFIN20070809_122258_000000552060_00338_28448_6487.N1	09-AUG-2007 12:22:58	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	28448	No
126	GOM_NL__2PRFIN20070809_122555_000000462060_00338_28448_6488.N1	09-AUG-2007 12:25:55	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28448	No
127	GOM_NL__2PRFIN20070809_122717_000000442060_00338_28448_6489.N1	09-AUG-2007 12:27:17	Dark	44.000	125	44lot Ori	2.7700	30000.	88	28448	No
128	GOM_NL__2PRFIN20070809_122847_000000452060_00338_28448_6490.N1	09-AUG-2007 12:28:47	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28448	No
129	GOM_NL__2PRFIN20070809_123040_000000442060_00338_28448_6491.N1	09-AUG-2007 12:30:40	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	28448	No
130	GOM_NL__2PRFIN20070809_123247_000000372060_00338_28448_6492.N1	09-AUG-2007 12:32:47	Dark	36.500	177	1Zet CMa	3.0220	26000.	73	28448	No
131	GOM_NL__2PRFIN20070809_124827_000000532060_00339_28449_6498.N1	09-AUG-2007 12:48:27	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28449	No
132	GOM_NL__2PRFIN20070809_125446_000000402060_00339_28449_6499.N1	09-AUG-2007 12:54:46	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28449	No
133	GOM_NL__2PRFIN20070809_125815_000000452060_00339_28449_6500.N1	09-AUG-2007 12:58:15	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	28449	No
134	GOM_NL__2PRFIN20070809_131619_000000362060_00339_28449_6501.N1	09-AUG-2007 13:16:19	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28449	No
135	GOM_NL__2PRFIN20070809_132506_000000352060_00339_28449_6502.N1	09-AUG-2007 13:25:06	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	28449	No
136	GOM_NL__2PRFIN20070809_132639_000000342060_00339_28449_6503.N1	09-AUG-2007 13:26:39	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28449	No
137	GOM_NL__2PRFIN20070809_133920_000000342060_00339_28449_6504.N1	09-AUG-2007 13:39:20	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28449	No
138	GOM_NL__2PRFIN20070809_135220_000000362060_00339_28449_6505.N1	09-AUG-2007 13:52:20	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28449	No
139	GOM_NL__2PRFIN20070809_135440_000000372060_00339_28449_6506.N1	09-AUG-2007 13:54:40	Bright	36.500	107	37The Aur	2.6490	11000.	73	28449	No
140	GOM_NL__2PRFIN20070809_135846_000000402060_00339_28449_6507.N1	09-AUG-2007 13:58:46	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	28449	No
141	GOM_NL__2PRFIN20070809_140334_000000552060_00339_28449_6508.N1	09-AUG-2007 14:03:34	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28449	No
142	GOM_NL__2PRFIN20070809_140631_000000462060_00339_28449_6509.N1	09-AUG-2007 14:06:31	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28449	No
143	GOM_NL__2PRFIN20070809_140753_000000422060_00339_28449_6510.N1	09-AUG-2007 14:07:53	Dark	42.000	125	44lot Ori	2.7700	30000.	84	28449	No
144	GOM_NL__2PRFIN20070809_140923_000000452060_00339_28449_6511.N1	09-AUG-2007 14:09:23	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28449	No
145	GOM_NL__2PRFIN20070809_141116_000000432060_00339_28449_6512.N1	09-AUG-2007 14:11:16	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	28449	No
146	GOM_NL__2PRFIN20070809_141323_000000382060_00339_28449_6513.N1	09-AUG-2007 14:13:23	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28449	No
147	GOM_NL__2PRFIN20070809_142904_000000442060_00340_28450_6509.N1	09-AUG-2007 14:29:04	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28450	No
148	GOM_NL__2PRFIN20070809_143522_000000402060_00340_28450_6510.N1	09-AUG-2007 14:35:22	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28450	No
149	GOM_NL__2PRFIN20070809_143851_000000412060_00340_28450_6511.N1	09-AUG-2007 14:38:51	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28450	No
150	GOM_NL__2PRFIN20070809_145654_000000362060_00340_28450_6512.N1	09-AUG-2007 14:56:54	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28450	No
151	GOM_NL__2PRFIN20070809_145834_000000342060_00340_28450_6513.N1	09-AUG-2007 14:58:34	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28450	No
152	GOM_NL__2PRFIN20070809_150542_000000402060_00340_28450_6514.N1	09-AUG-2007 15:05:42	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	28450	No
153	GOM_NL__2PRFIN20070809_150715_000000362060_00340_28450_6515.N1	09-AUG-2007 15:07:15	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28450	No
154	GOM_NL__2PRFIN20070809_151956_000000352060_00340_28450_6516.N1	09-AUG-2007 15:19:56	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28450	No
155	GOM_NL__2PRFIN20070809_153256_000000462060_00340_28450_6517.N1	09-AUG-2007 15:32:56	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	28450	No
156	GOM_NL__2PRFIN20070809_153516_000000352060_00340_28450_6518.N1	09-AUG-2007 15:35:16	Bright	34.500	107	37The Aur	2.6490	11000.	69	28450	No
157	GOM_NL__2PRFIN20070809_153923_000000532060_00340_28450_6519.N1	09-AUG-2007 15:39:23	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28450	No
158	GOM_NL__2PRFIN20070809_154411_000000562060_00340_28450_6520.N1	09-AUG-2007 15:44:11	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	28450	No
159	GOM_NL__2PRFIN20070809_154708_000000462060_00340_28450_6521.N1	09-AUG-2007 15:47:08	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28450	No
160	GOM_NL__2PRFIN20070809_154830_000000422060_00340_28450_6522.N1	09-AUG-2007 15:48:30	Dark	42.000	125	44lot Ori	2.7700	30000.	84	28450	No

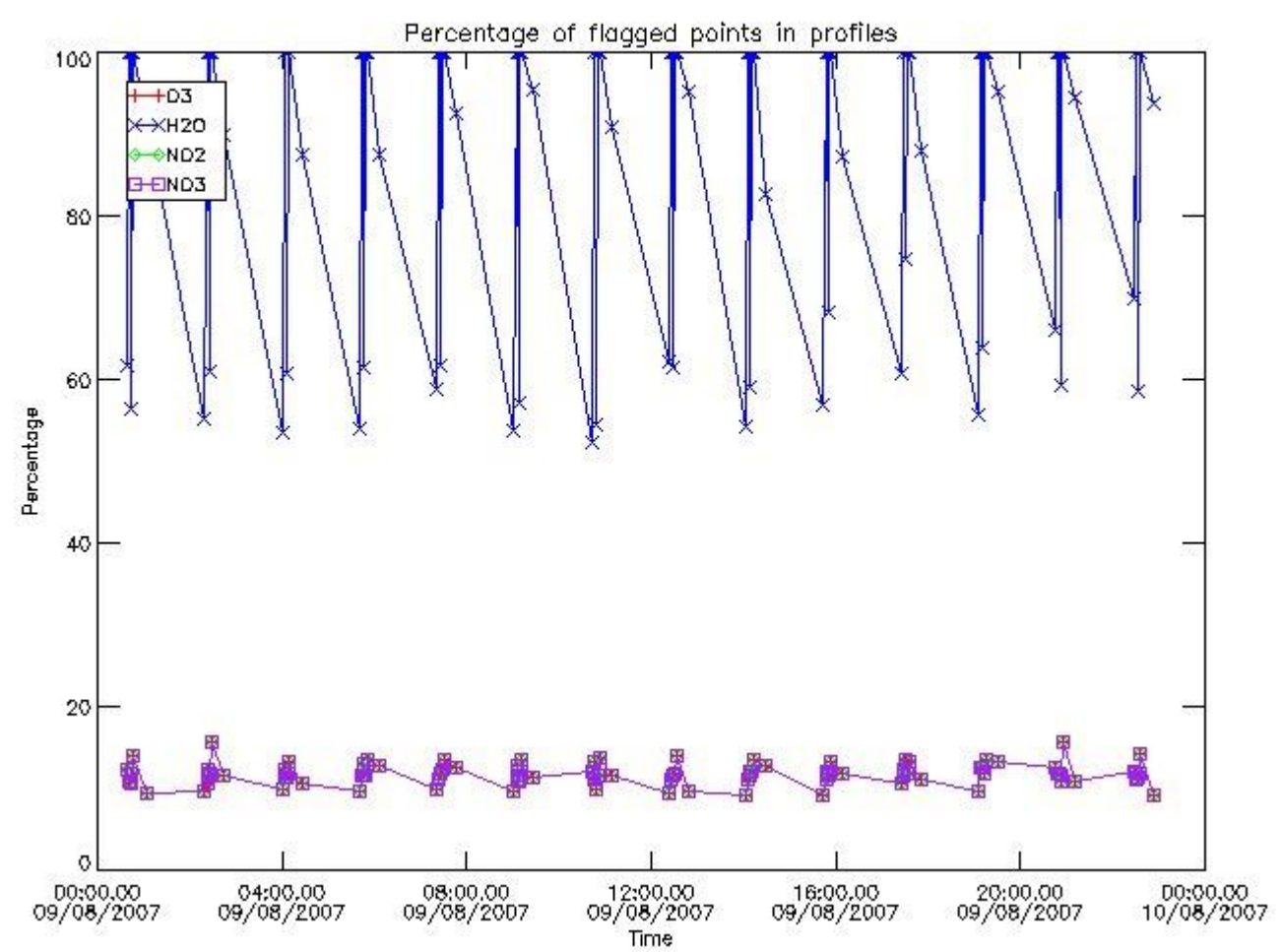
161	GOM_NL__2PRFIN20070809_154959_000000432060_00340_28450_6523.N1	09-AUG-2007 15:49:59	Dark	43.000	1	9Alp CMa	-1.4400	11000.	86	28450	No
162	GOM_NL__2PRFIN20070809_155152_000000442060_00340_28450_6524.N1	09-AUG-2007 15:51:52	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	28450	No
163	GOM_NL__2PRFIN20070809_155359_000000392060_00340_28450_6525.N1	09-AUG-2007 15:53:59	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28450	No
164	GOM_NL__2PRFIN20070809_160941_000000442060_00341_28451_6522.N1	09-AUG-2007 16:09:41	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28451	No
165	GOM_NL__2PRFIN20070809_161559_000000402060_00341_28451_6523.N1	09-AUG-2007 16:15:59	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28451	No
166	GOM_NL__2PRFIN20070809_161928_000000452060_00341_28451_6524.N1	09-AUG-2007 16:19:28	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	28451	No
167	GOM_NL__2PRFIN20070809_163730_000000392060_00341_28451_6525.N1	09-AUG-2007 16:37:30	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	28451	No
168	GOM_NL__2PRFIN20070809_163910_000000362060_00341_28451_6526.N1	09-AUG-2007 16:39:10	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28451	No
169	GOM_NL__2PRFIN20070809_164618_000000352060_00341_28451_6527.N1	09-AUG-2007 16:46:18	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	28451	No
170	GOM_NL__2PRFIN20070809_164751_000000372060_00341_28451_6528.N1	09-AUG-2007 16:47:51	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	28451	No
171	GOM_NL__2PRFIN20070809_170032_000000372060_00341_28451_6529.N1	09-AUG-2007 17:00:32	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28451	No
172	GOM_NL__2PRFIN20070809_171332_000000352060_00341_28451_6530.N1	09-AUG-2007 17:13:32	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	28451	No
173	GOM_NL__2PRFIN20070809_171552_000000382060_00341_28451_6531.N1	09-AUG-2007 17:15:52	Bright	37.500	107	37The Aur	2.6490	11000.	75	28451	No
174	GOM_NL__2PRFIN20070809_171959_000000422060_00341_28451_6532.N1	09-AUG-2007 17:19:59	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	28451	No
175	GOM_NL__2PRFIN20070809_172447_000000532060_00341_28451_6533.N1	09-AUG-2007 17:24:47	Dark	52.500	14	58Alp Ori	0.87000	3000.0	105	28451	No
176	GOM_NL__2PRFIN20070809_172744_000000452060_00341_28451_6534.N1	09-AUG-2007 17:27:44	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	28451	No
177	GOM_NL__2PRFIN20070809_172906_000000422060_00341_28451_6535.N1	09-AUG-2007 17:29:06	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	28451	No
178	GOM_NL__2PRFIN20070809_173035_000000382060_00341_28451_6536.N1	09-AUG-2007 17:30:35	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	28451	No
179	GOM_NL__2PRFIN20070809_173229_000000432060_00341_28451_6537.N1	09-AUG-2007 17:32:29	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28451	No
180	GOM_NL__2PRFIN20070809_173436_000000392060_00341_28451_6538.N1	09-AUG-2007 17:34:36	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28451	No
181	GOM_NL__2PRFIN20070809_175017_000000462060_00342_28452_6537.N1	09-AUG-2007 17:50:17	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28452	No
182	GOM_NL__2PRFIN20070809_175635_000000392060_00342_28452_6538.N1	09-AUG-2007 17:56:35	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28452	No
183	GOM_NL__2PRFIN20070809_180004_000000412060_00342_28452_6539.N1	09-AUG-2007 18:00:04	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28452	No
184	GOM_NL__2PRFIN20070809_181806_000000372060_00342_28452_6540.N1	09-AUG-2007 18:18:06	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28452	No
185	GOM_NL__2PRFIN20070809_181946_000000342060_00342_28452_6541.N1	09-AUG-2007 18:19:46	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28452	No
186	GOM_NL__2PRFIN20070809_182654_000000392060_00342_28452_6542.N1	09-AUG-2007 18:26:54	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28452	No
187	GOM_NL__2PRFIN20070809_182827_000000372060_00342_28452_6543.N1	09-AUG-2007 18:28:27	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	28452	No
188	GOM_NL__2PRFIN20070809_184108_000000362060_00342_28452_6544.N1	09-AUG-2007 18:41:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28452	No
189	GOM_NL__2PRFIN20070809_185408_000000552060_00342_28452_6545.N1	09-AUG-2007 18:54:08	Bright	55.000	42	34Bet Aur	1.9000	10200.	110	28452	No
190	GOM_NL__2PRFIN20070809_185628_000000372060_00342_28452_6546.N1	09-AUG-2007 18:56:28	Bright	36.500	107	37The Aur	2.6490	11000.	73	28452	No
191	GOM_NL__2PRFIN20070809_190035_000000402060_00342_28452_6547.N1	09-AUG-2007 19:00:35	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	28452	No
192	GOM_NL__2PRFIN20070809_190523_000000542060_00342_28452_6548.N1	09-AUG-2007 19:05:23	Dark	53.500	14	58Alp Ori	0.87000	3000.0	107	28452	No
193	GOM_NL__2PRFIN20070809_190821_000000412060_00342_28452_6549.N1	09-AUG-2007 19:08:21	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28452	No
194	GOM_NL__2PRFIN20070809_190943_000000412060_00342_28452_6550.N1	09-AUG-2007 19:09:43	Dark	41.000	125	44Iot Ori	2.7700	30000.	82	28452	No
195	GOM_NL__2PRFIN20070809_191111_000000412060_00342_28452_6551.N1	09-AUG-2007 19:11:11	Dark	40.500	1	9Alp CMa	-1.4400	11000.	81	28452	No
196	GOM_NL__2PRFIN20070809_191305_000000432060_00342_28452_6552.N1	09-AUG-2007 19:13:05	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28452	No
197	GOM_NL__2PRFIN20070809_191512_000000382060_00342_28452_6553.N1	09-AUG-2007 19:15:12	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28452	No
198	GOM_NL__2PRFIN20070809_193054_000000432060_00343_28453_6547.N1	09-AUG-2007 19:30:54	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28453	No
199	GOM_NL__2PRFIN20070809_193711_000000392060_00343_28453_6548.N1	09-AUG-2007 19:37:11	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28453	No
200	GOM_NL__2PRFIN20070809_194041_000000422060_00343_28453_6549.N1	09-AUG-2007 19:40:41	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28453	No
201	GOM_NL__2PRFIN20070809_195842_000000372060_00343_28453_6550.N1	09-AUG-2007 19:58:42	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28453	No
202	GOM_NL__2PRFIN20070809_200022_000000352060_00343_28453_6551.N1	09-AUG-2007 20:00:22	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28453	No
203	GOM_NL__2PRFIN20070809_200730_000000362060_00343_28453_6552.N1	09-AUG-2007 20:07:30	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28453	No
204	GOM_NL__2PRFIN20070809_200903_000000352060_00343_28453_6553.N1	09-AUG-2007 20:09:03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28453	No
205	GOM_NL__2PRFIN20070809_202144_000000362060_00343_28453_6554.N1	09-AUG-2007 20:21:44	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28453	No
206	GOM_NL__2PRFIN20070809_203444_000000422060_00343_28453_6555.N1	09-AUG-2007 20:34:44	Bright	42.000	42	34Bet Aur	1.9000	10200.	84	28453	No
207	GOM_NL__2PRFIN20070809_203704_000000392060_00343_28453_6556.N1	09-AUG-2007 20:37:04	Bright	39.000	107	37The Aur	2.6490	11000.	78	28453	No
208	GOM_NL__2PRFIN20070809_204111_000000532060_00343_28453_6557.N1	09-AUG-2007 20:41:11	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28453	No
209	GOM_NL__2PRFIN20070809_204559_000000452060_00343_28453_6558.N1	09-AUG-2007 20:45:59	Dark	44.500	14	58Alp Ori	0.87000	3000.0	89	28453	No
210	GOM_NL__2PRFIN20070809_204857_000000442060_00343_28453_6559.N1	09-AUG-2007 20:48:57	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	28453	No
211	GOM_NL__2PRFIN20070809_205019_000000442060_00343_28453_6560.N1	09-AUG-2007 20:50:19	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	28453	No
212	GOM_NL__2PRFIN20070809_205148_000000472060_00343_28453_6561.N1	09-AUG-2007 20:51:48	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28453	No
213	GOM_NL__2PRFIN20070809_205342_000000442060_00343_28453_6562.N1	09-AUG-2007 20:53:42	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	28453	No
214	GOM_NL__2PRFIN20070809_205548_000000362060_00343_28453_6563.N1	09-AUG-2007 20:55:48	Dark	36.000	177	1Zet CMa	3.0220	26000.	72	28453	No
215	GOM_NL__2PRFIN20070809_211131_000000472060_00344_28454_6568.N1	09-AUG-2007 21:11:31	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28454	No
216	GOM_NL__2PRFIN20070809_211748_000000472060_00344_28454_6569.N1	09-AUG-2007 21:17:48	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	28454	No
217	GOM_NL__2PRFIN20070809_212117_000000412060_00344_28454_6570.N1	09-AUG-2007 21:21:17	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28454	No
218	GOM_NL__2PRFIN20070809_213918_000000362060_00344_28454_6571.N1	09-AUG-2007 21:39:18	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28454	No
219	GOM_NL__2PRFIN20070809_214058_000000352060_00344_28454_6572.N1	09-AUG-2007 21:40:58	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28454	No

220	GOM_NL__2PRFIN20070809_214806_000000352060_00344_28454_6573.N1	09-AUG-2007 21:48:06	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	28454	No
221	GOM_NL__2PRFIN20070809_214938_000000352060_00344_28454_6574.N1	09-AUG-2007 21:49:38	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28454	No
222	GOM_NL__2PRFIN20070809_220220_000000362060_00344_28454_6575.N1	09-AUG-2007 22:02:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28454	No
223	GOM_NL__2PRFIN20070809_221520_000000362060_00344_28454_6576.N1	09-AUG-2007 22:15:20	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	28454	No
224	GOM_NL__2PRFIN20070809_221740_000000382060_00344_28454_6577.N1	09-AUG-2007 22:17:40	Bright	37.500	107	37The Aur	2.6490	11000.	75	28454	No
225	GOM_NL__2PRFIN20070809_222147_000000492060_00344_28454_6578.N1	09-AUG-2007 22:21:47	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	28454	No
226	GOM_NL__2PRFIN20070809_222636_000000422060_00344_28454_6579.N1	09-AUG-2007 22:26:36	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	28454	No
227	GOM_NL__2PRFIN20070809_222933_000000462060_00344_28454_6580.N1	09-AUG-2007 22:29:33	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	28454	No
228	GOM_NL__2PRFIN20070809_223055_000000432060_00344_28454_6581.N1	09-AUG-2007 22:30:55	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	28454	No
229	GOM_NL__2PRFIN20070809_223224_000000452060_00344_28454_6582.N1	09-AUG-2007 22:32:24	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28454	No
230	GOM_NL__2PRFIN20070809_223418_000000442060_00344_28454_6583.N1	09-AUG-2007 22:34:18	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	28454	No
231	GOM_NL__2PRFIN20070809_223624_000000362060_00344_28454_6584.N1	09-AUG-2007 22:36:24	Dark	36.000	177	1Zet CMa	3.0220	26000.	72	28454	No
232	GOM_NL__2PRFIN20070809_225207_000000562060_00345_28455_6580.N1	09-AUG-2007 22:52:07	Dark	55.500	9	Alp Eri	0.45300	24000.	111	28455	No
233	GOM_NL__2PRFIN20070809_225824_000000472060_00345_28455_6581.N1	09-AUG-2007 22:58:24	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	28455	No
234	GOM_NL__2PRFIN20070809_230153_000000432060_00345_28455_6582.N1	09-AUG-2007 23:01:53	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28455	No
235	GOM_NL__2PRFIN20070809_231954_000000362060_00345_28455_6583.N1	09-AUG-2007 23:19:54	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28455	No
236	GOM_NL__2PRFIN20070809_232134_000000362060_00345_28455_6584.N1	09-AUG-2007 23:21:34	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28455	No
237	GOM_NL__2PRFIN20070809_232842_000000372060_00345_28455_6585.N1	09-AUG-2007 23:28:42	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28455	No
238	GOM_NL__2PRFIN20070809_233014_000000362060_00345_28455_6586.N1	09-AUG-2007 23:30:14	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28455	No
239	GOM_NL__2PRFIN20070809_234256_000000332060_00345_28455_6587.N1	09-AUG-2007 23:42:56	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28455	No
240	GOM_NL__2PRFIN20070809_235556_000000522060_00345_28455_6588.N1	09-AUG-2007 23:55:56	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	28455	No
241	GOM_NL__2PRFIN20070809_235816_000000372060_00345_28455_6589.N1	09-AUG-2007 23:58:16	Bright	36.500	107	37The Aur	2.6490	11000.	73	28455	No

3. Quality information per product

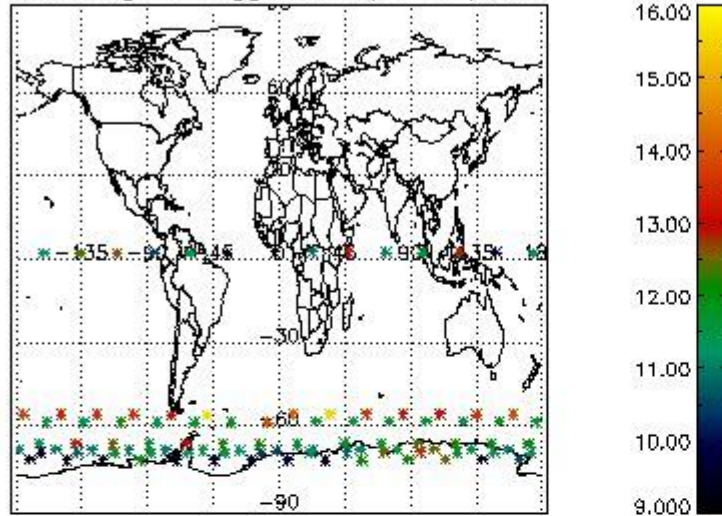
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

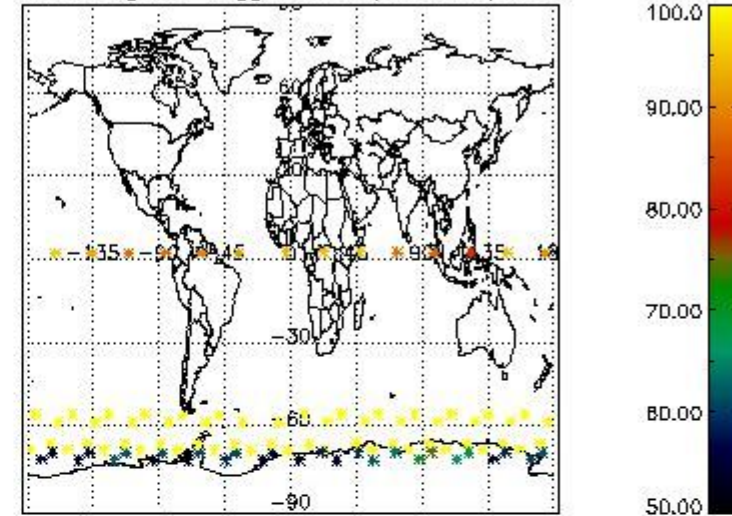


3.2 Plot quality information per product (world map)

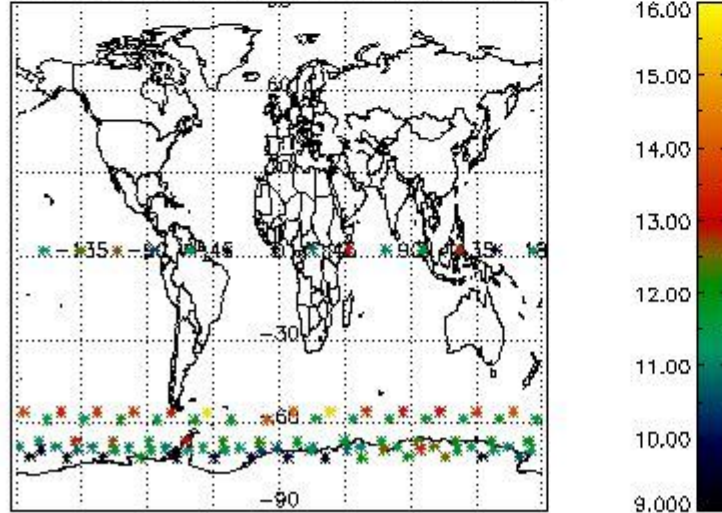
Percentage of flagged data per O3 profile



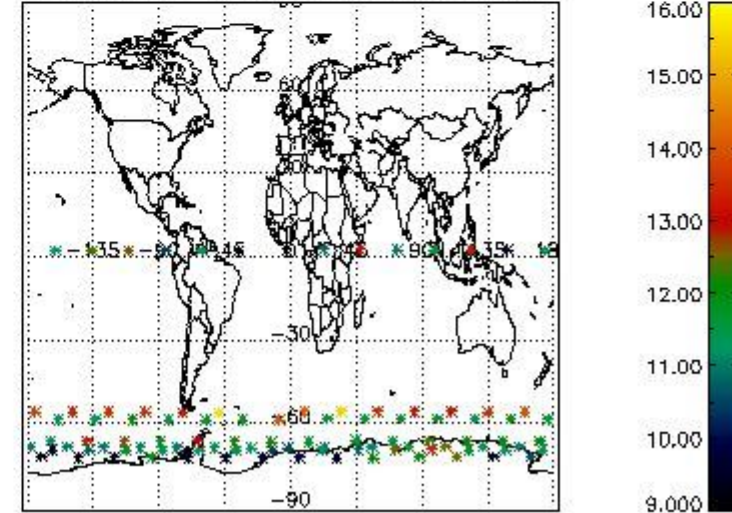
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

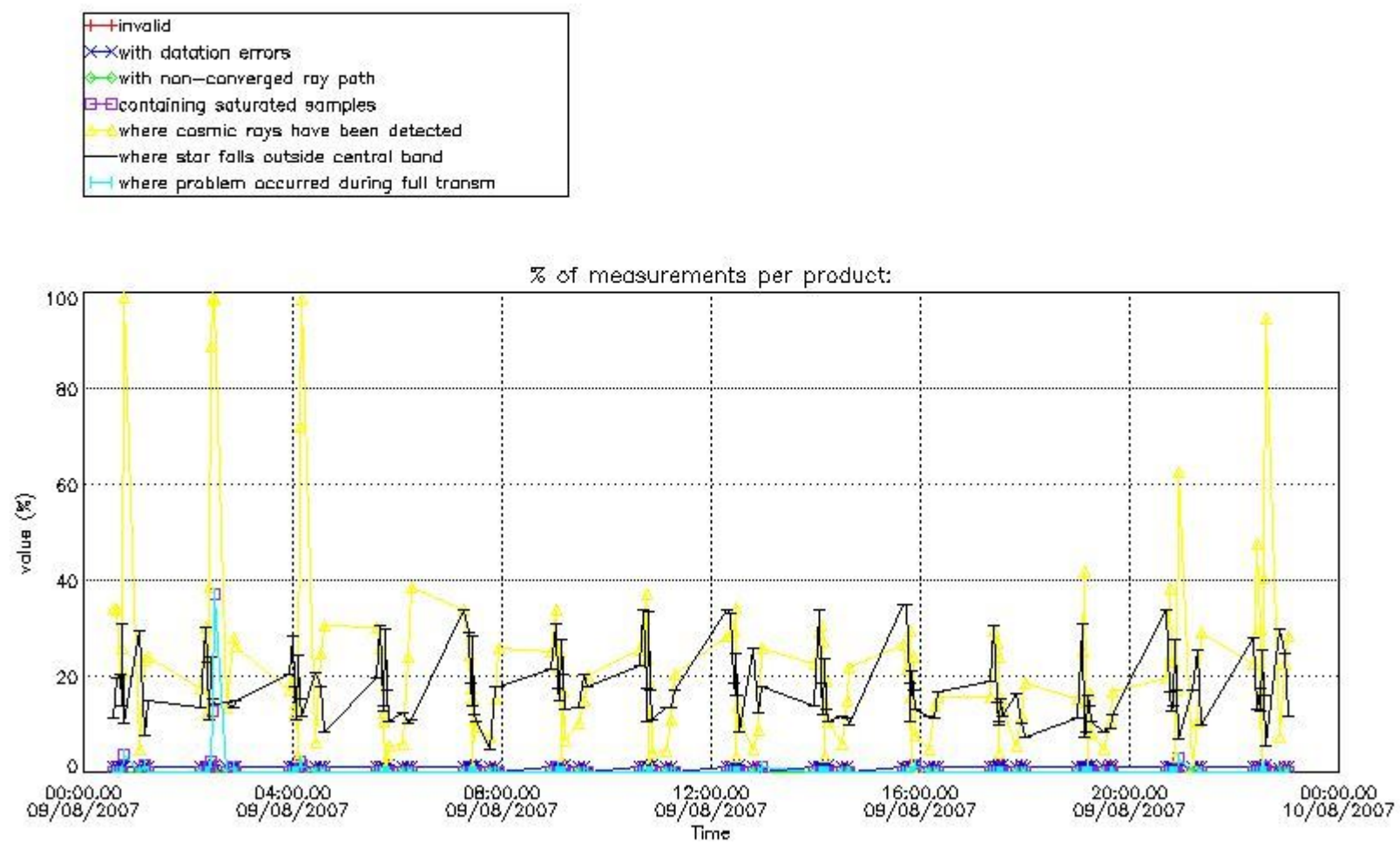


4. Level 1 quality information per product

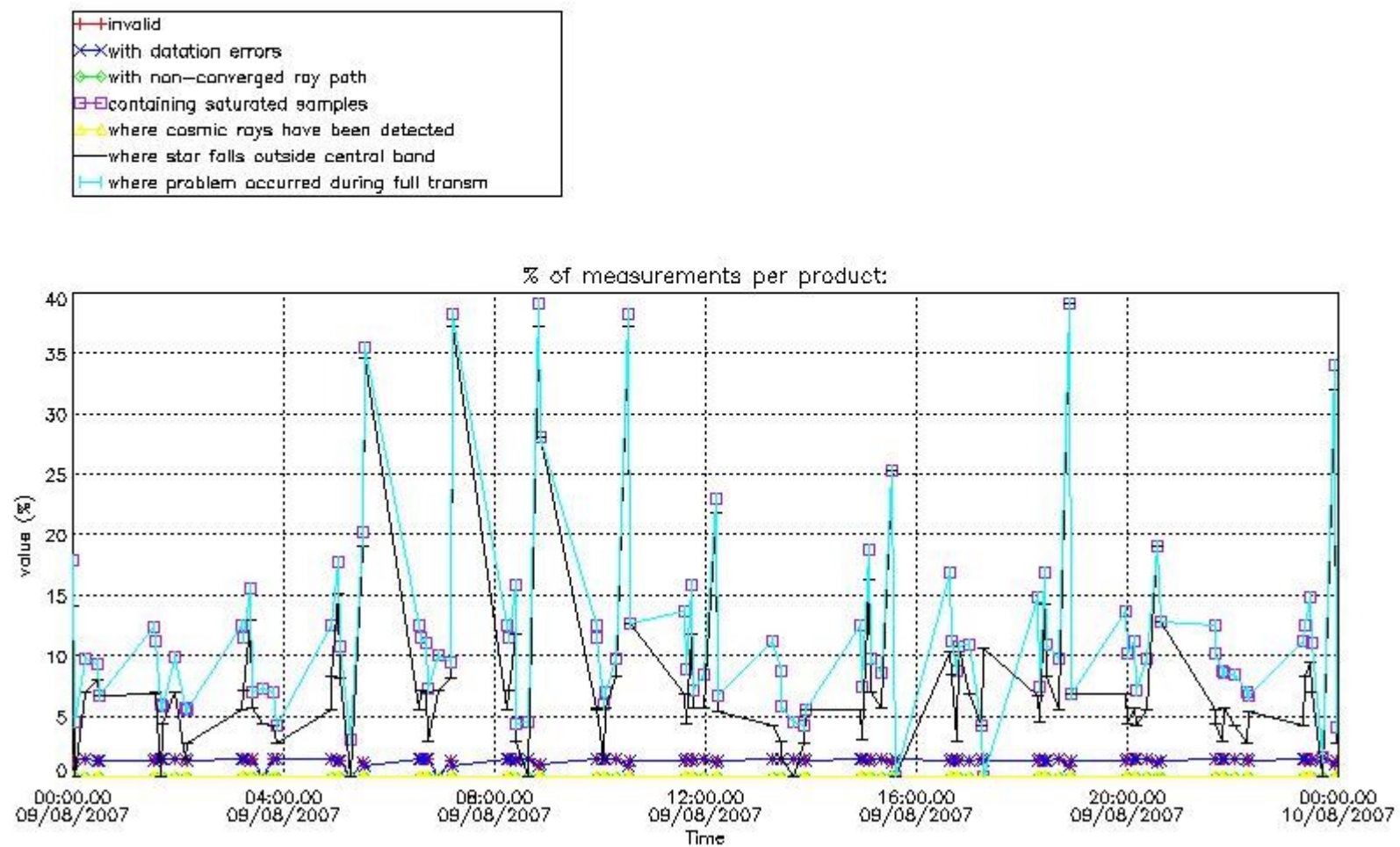
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

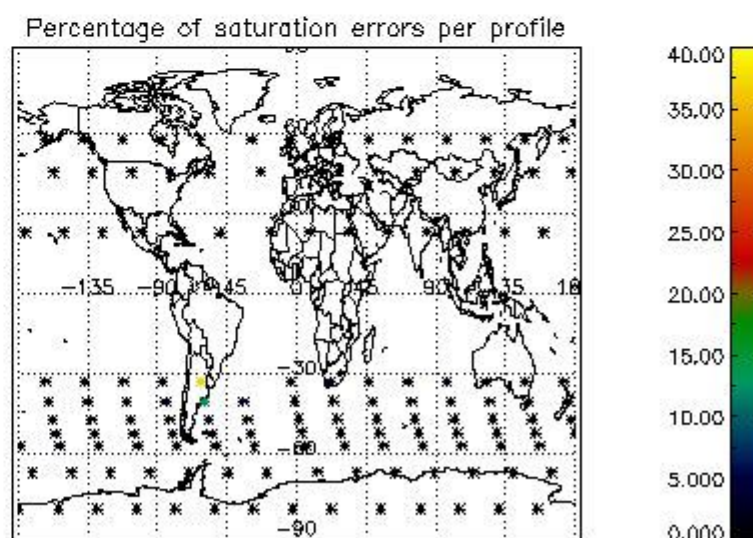
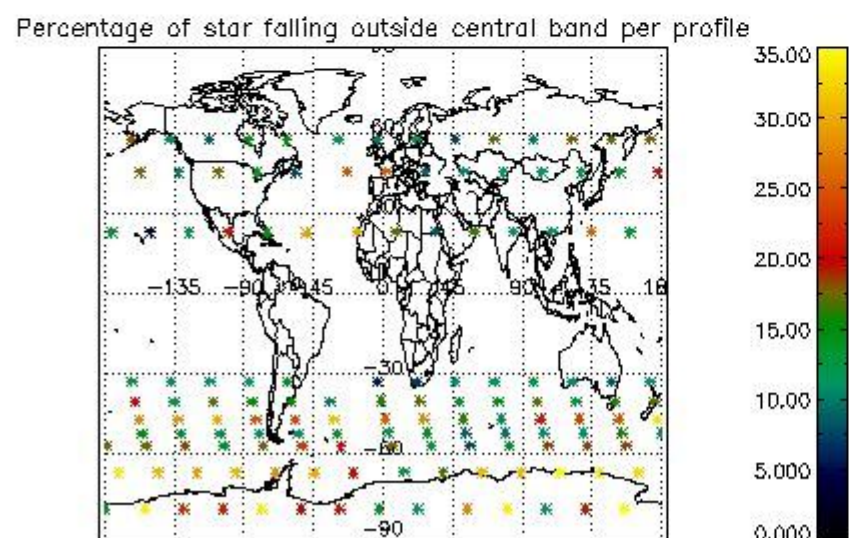
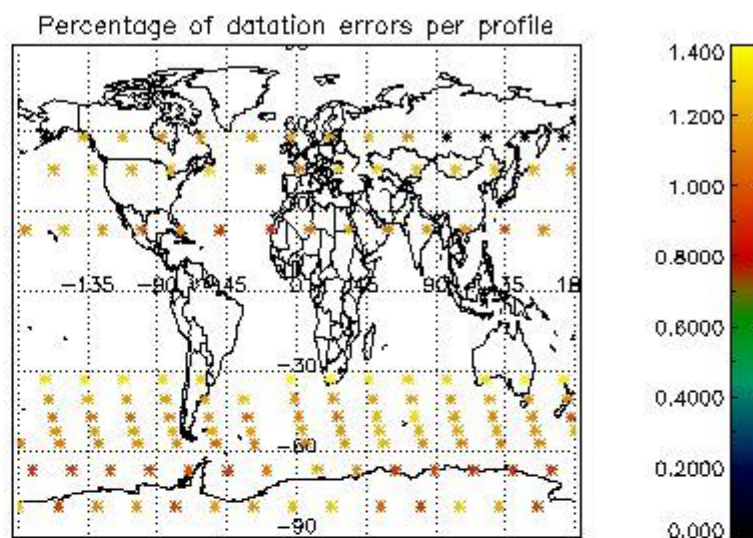
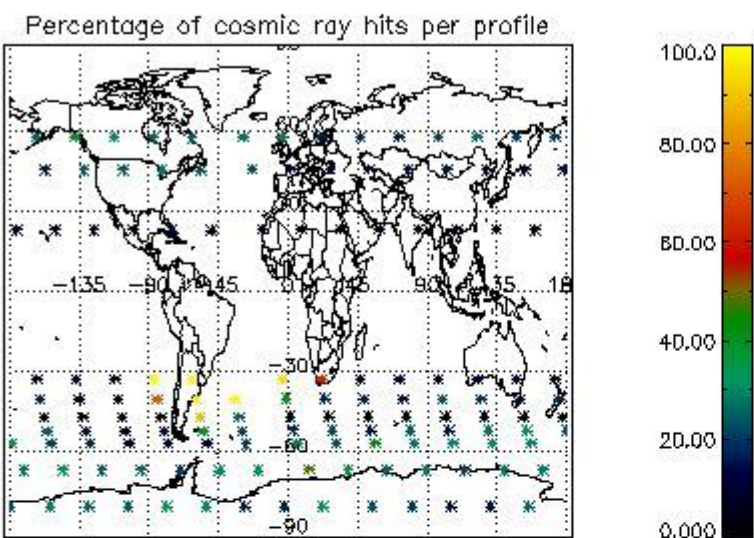


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

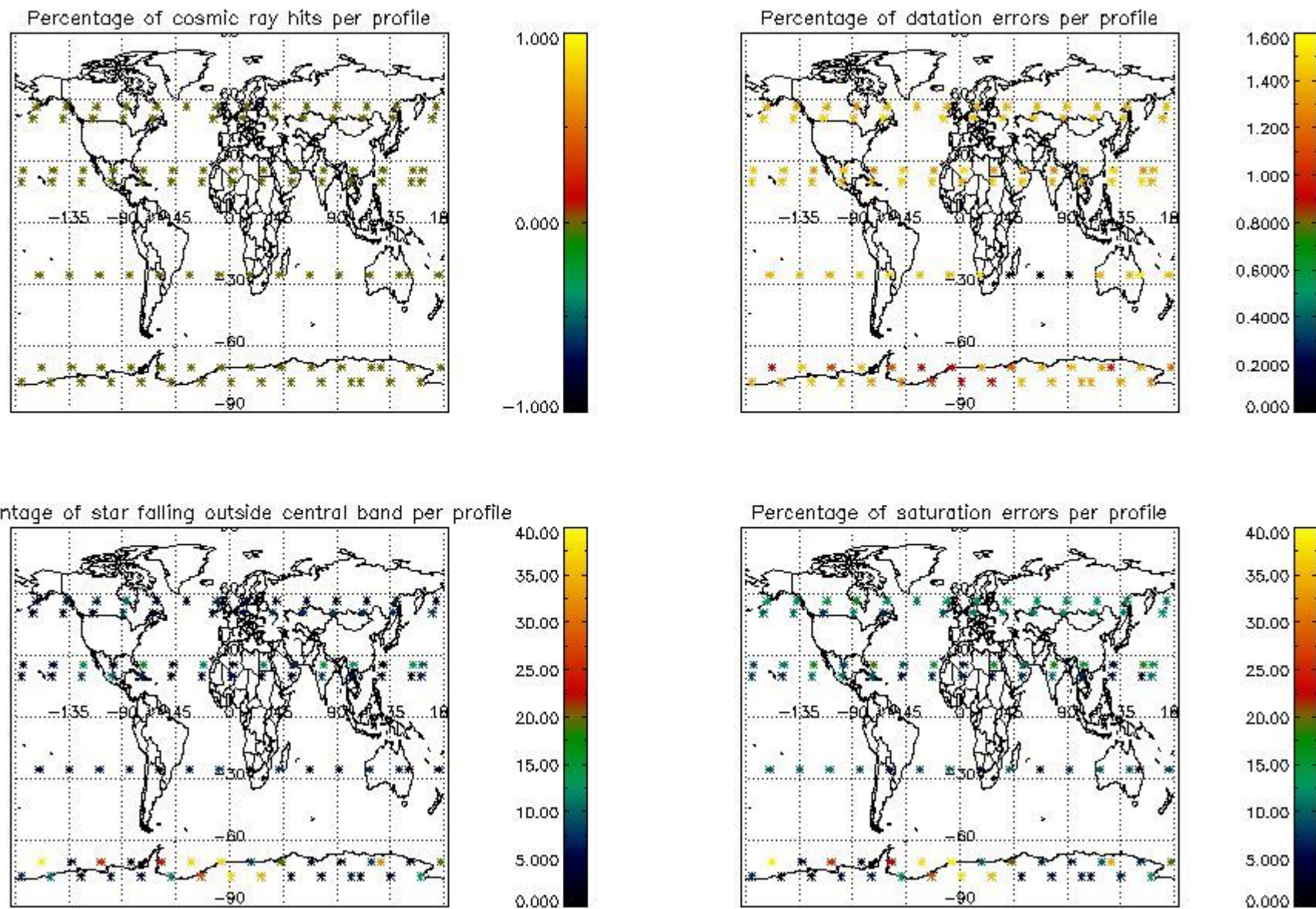


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

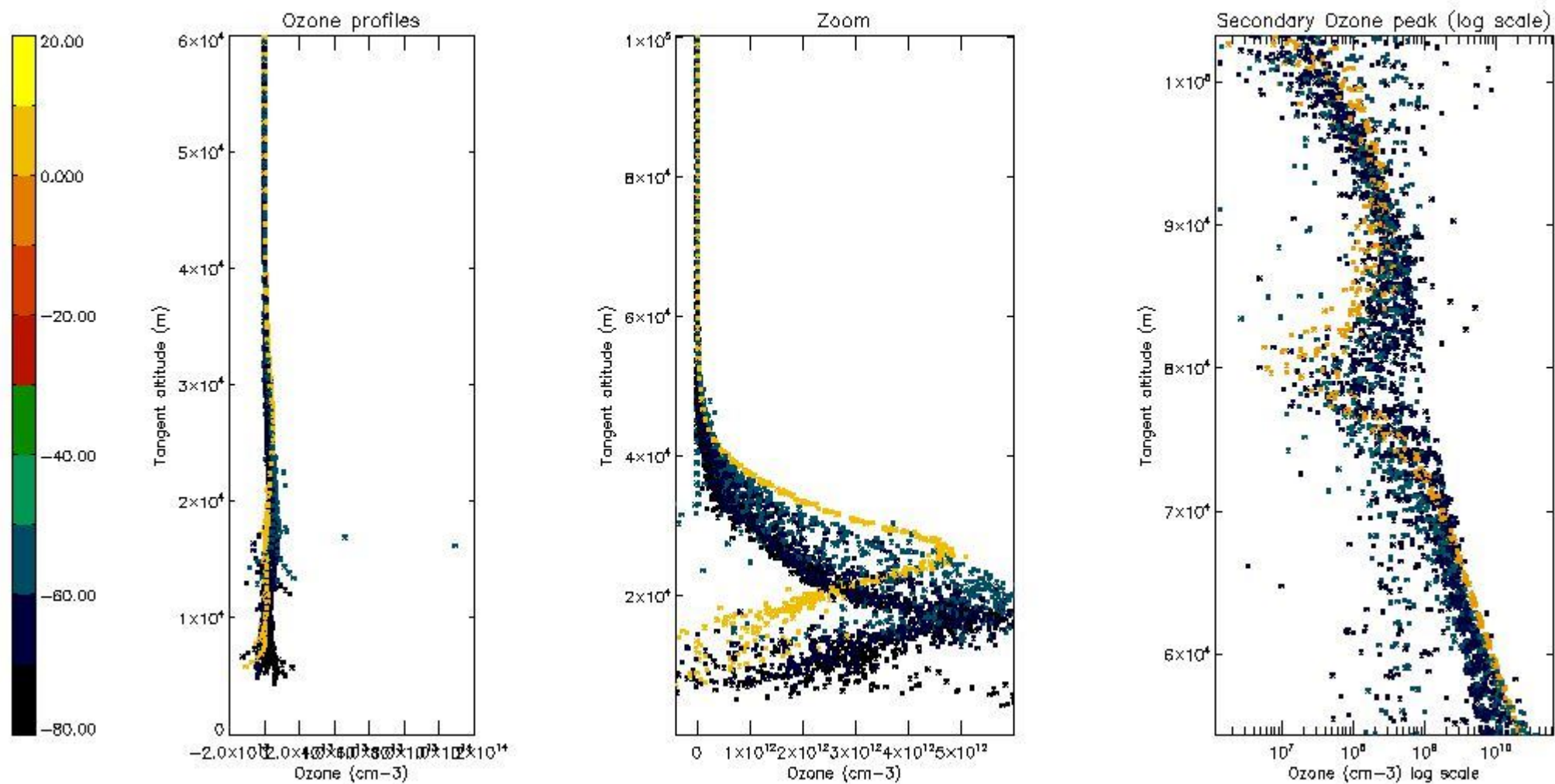
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	27

STD < 10	22
STD < 5	16

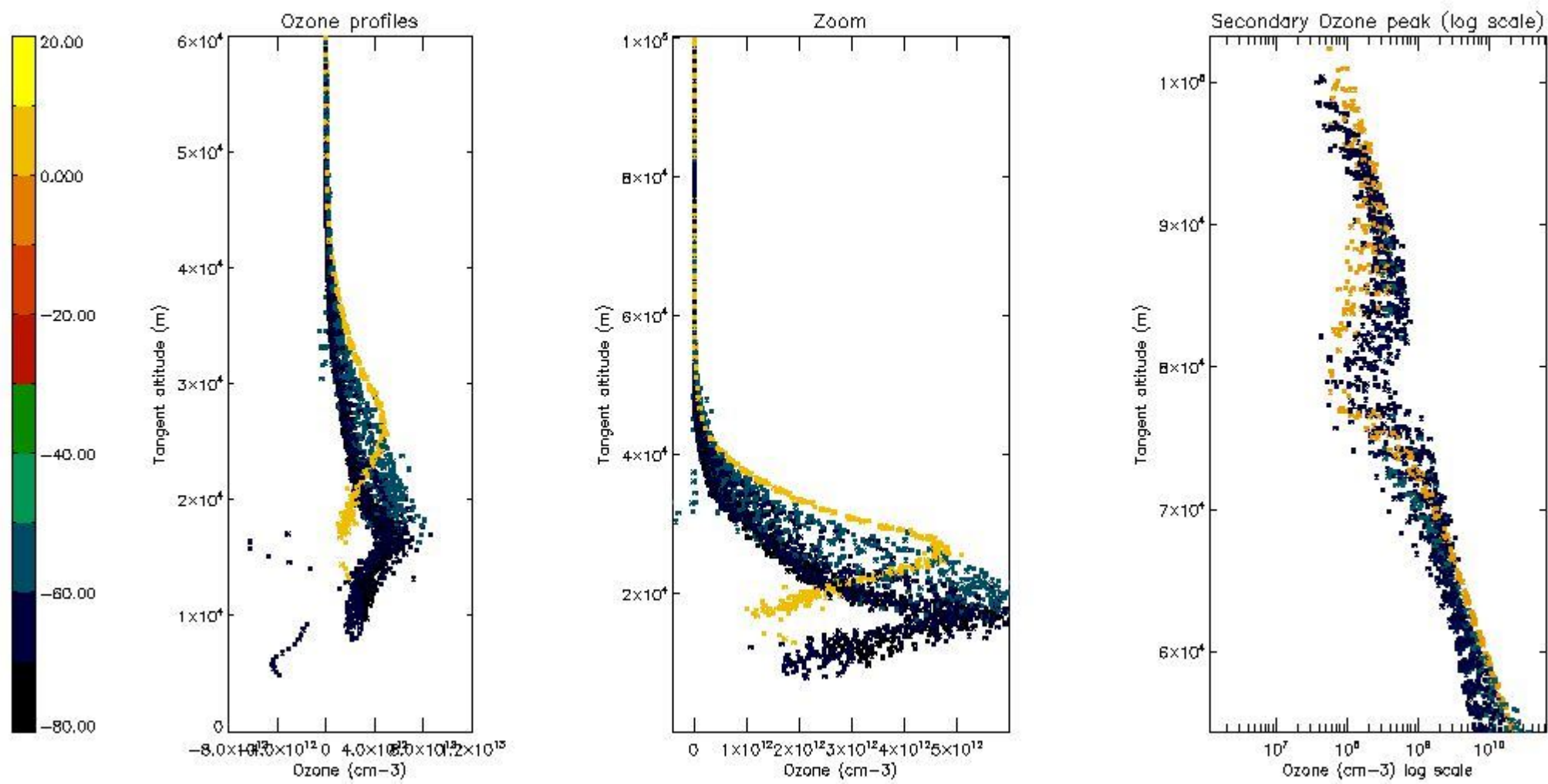
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



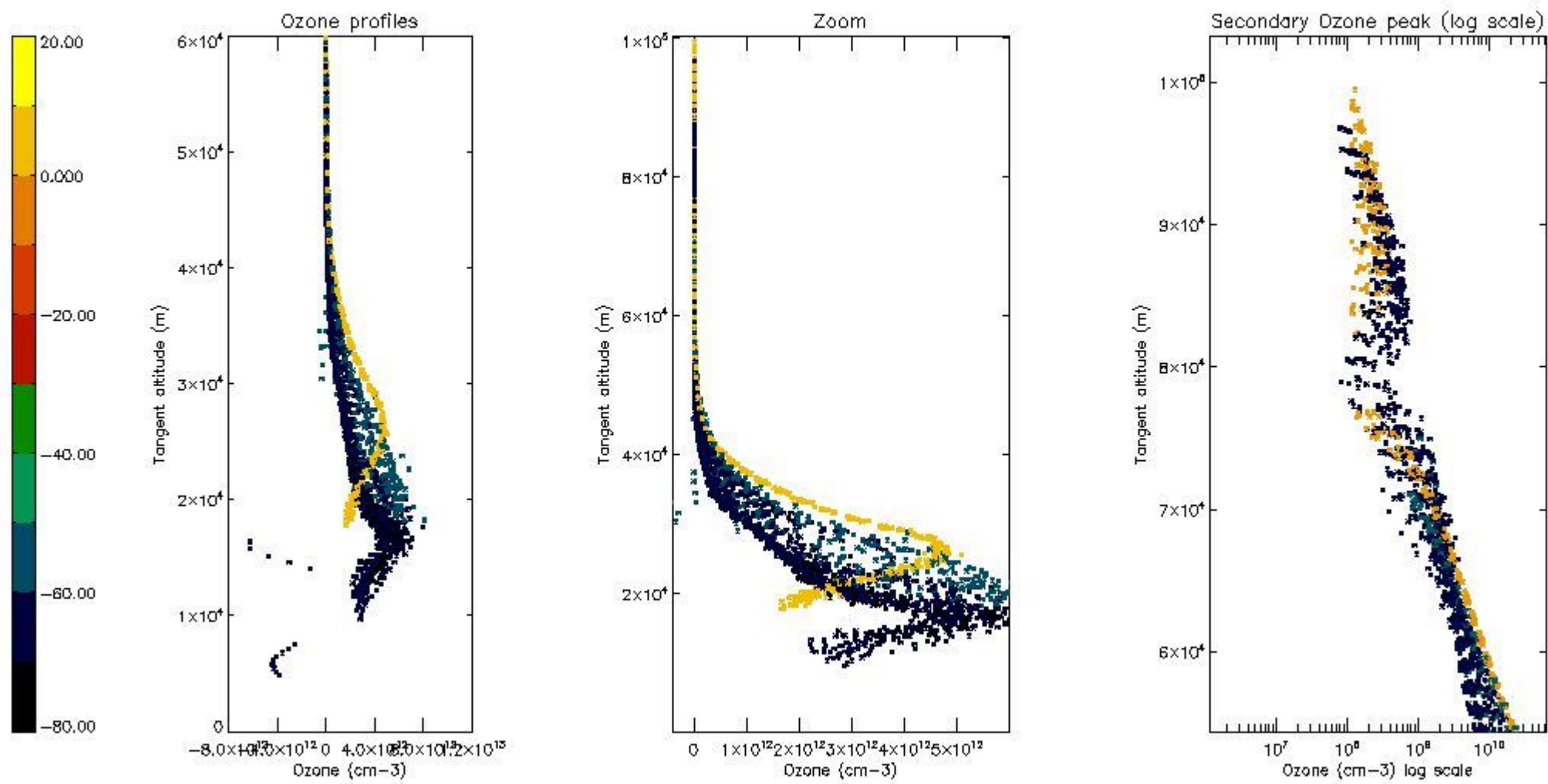
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



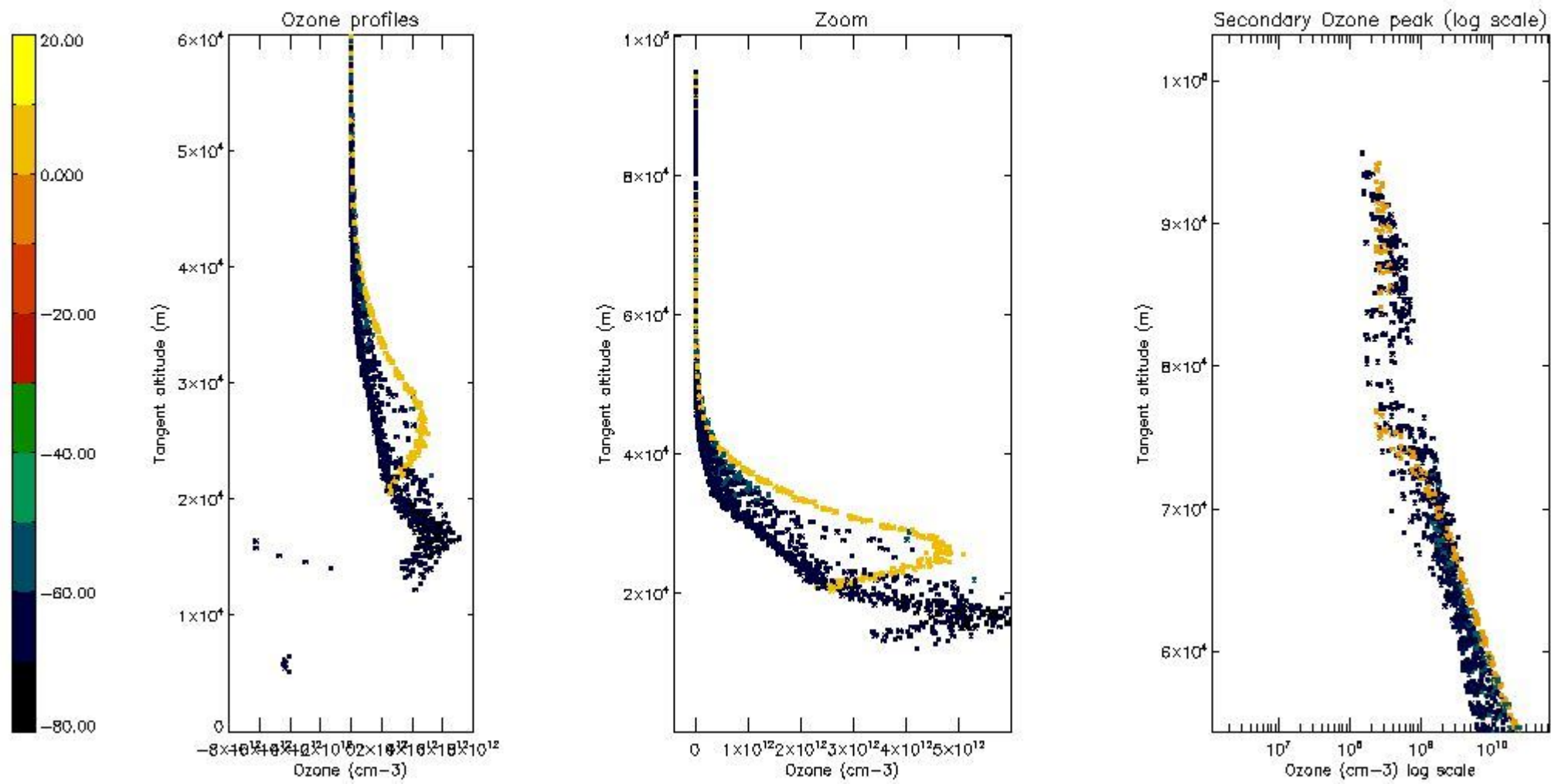
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



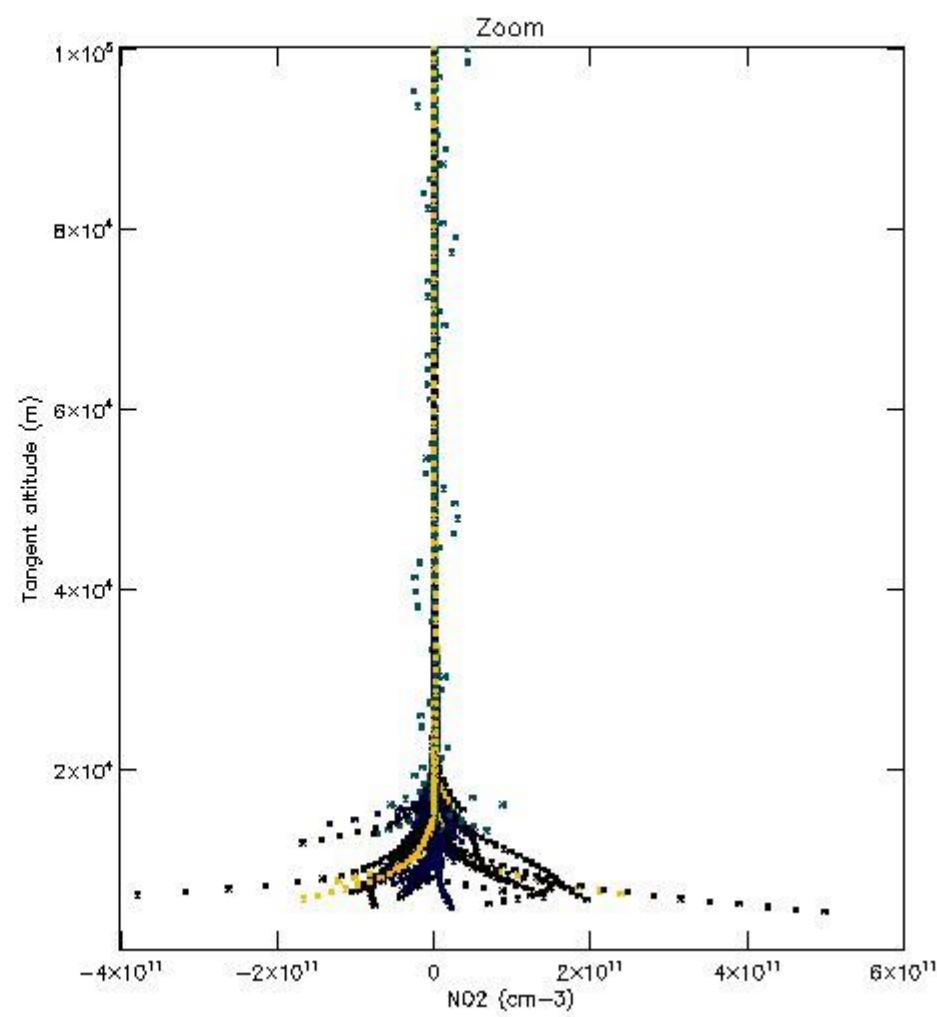
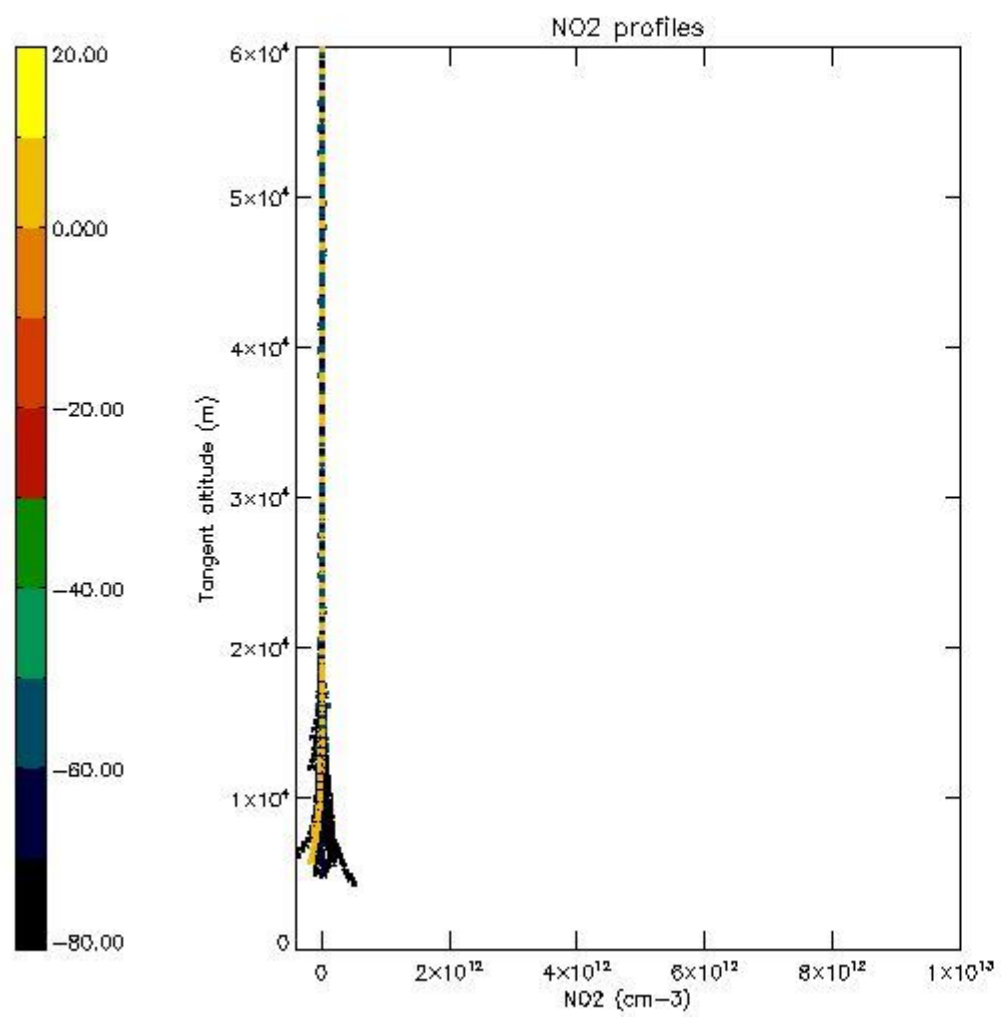
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



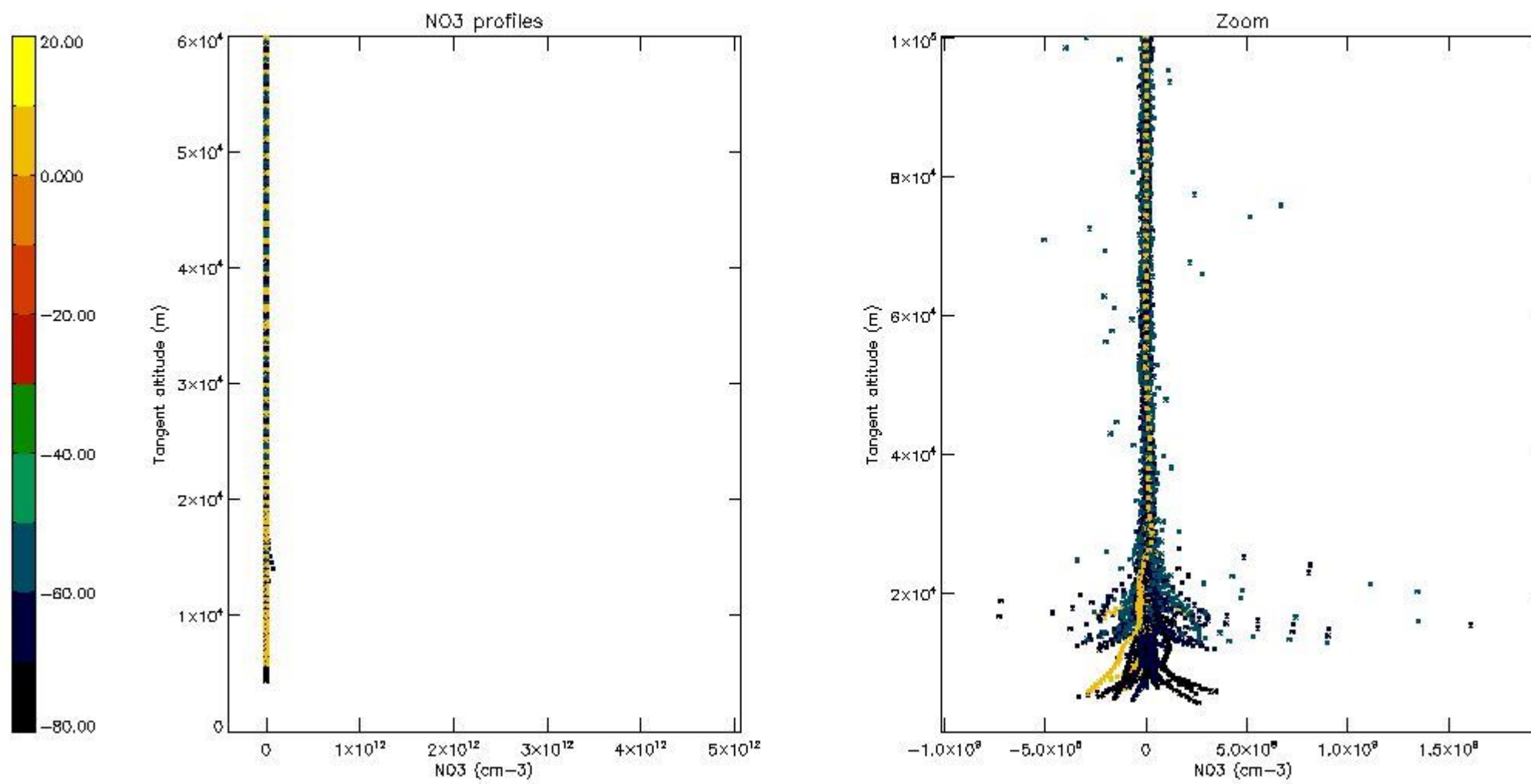
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



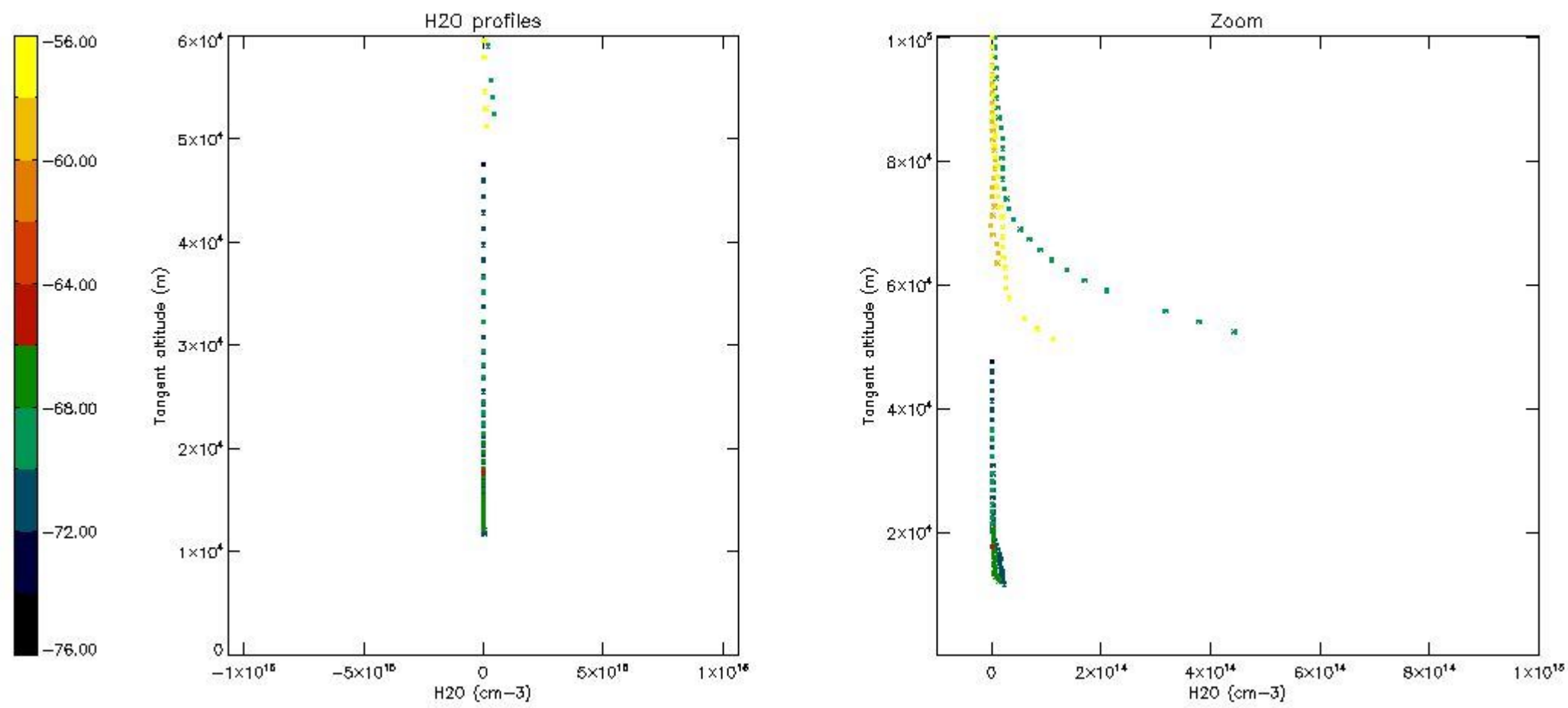
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

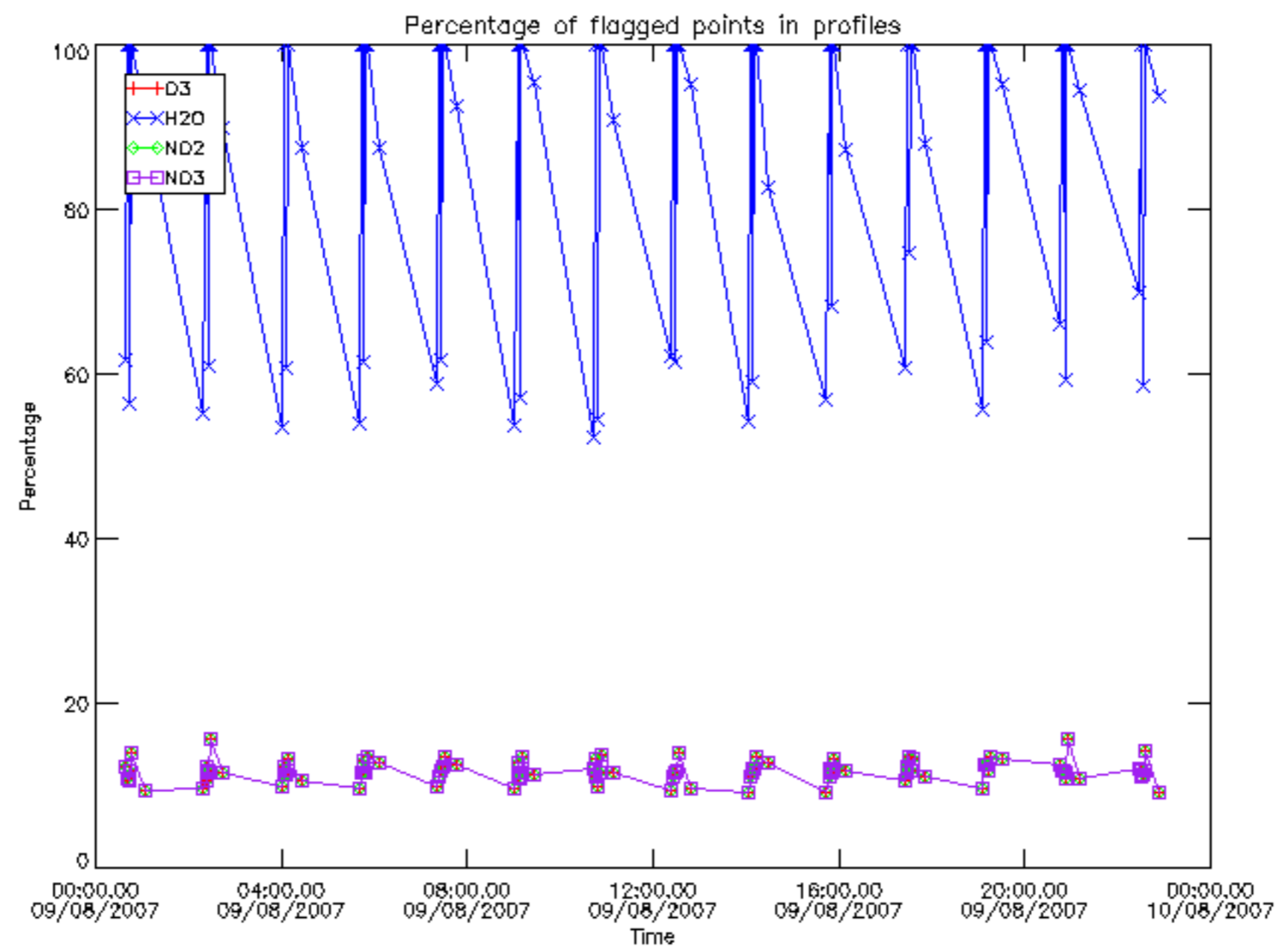
The colorbar represents the latitude.



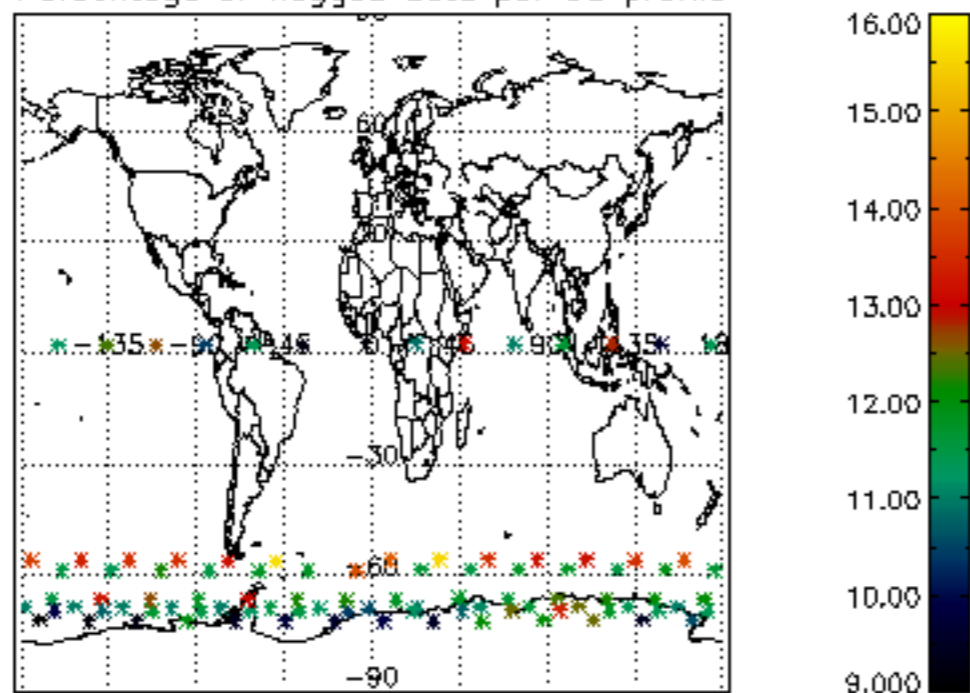
6. Auxiliary Data Files used for the production reported in section 2

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

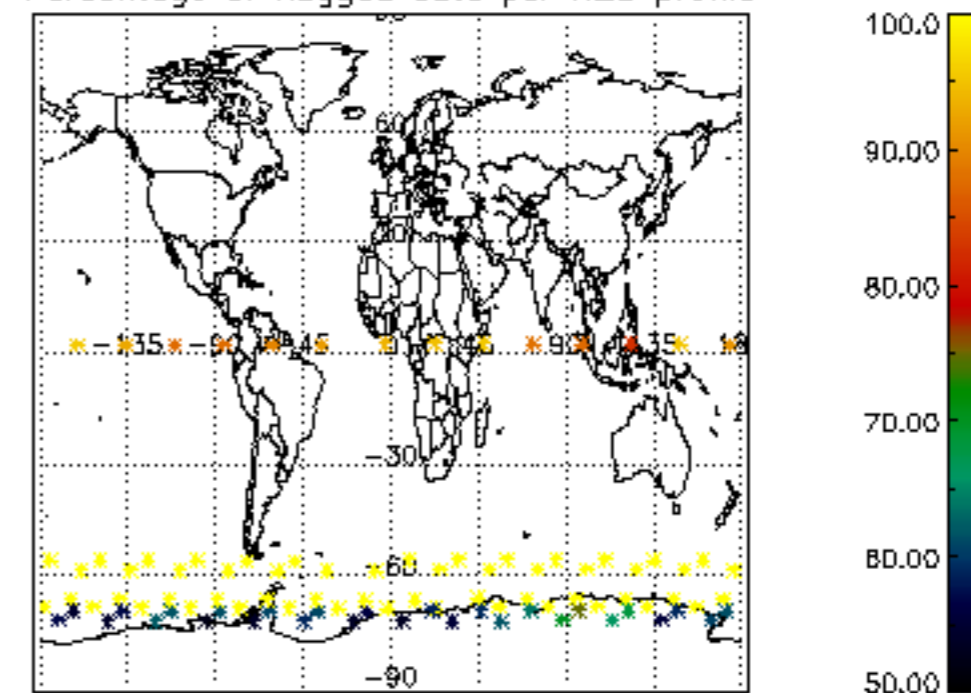
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-AUG-2007 00:00:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-AUG-2007 00:00:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-AUG-2007 00:00:17



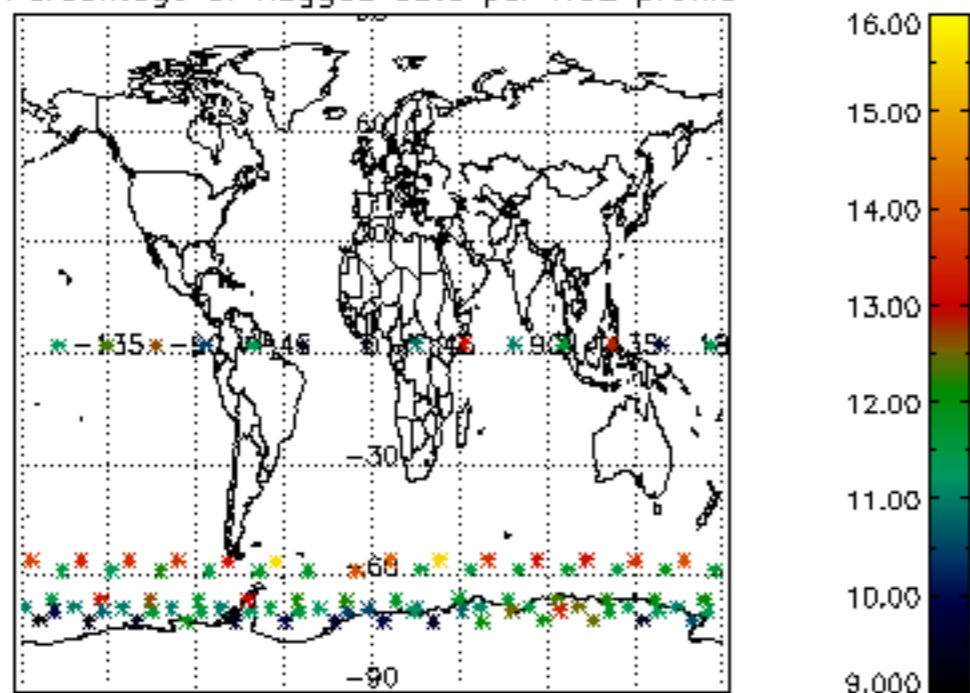
Percentage of flagged data per D3 profile



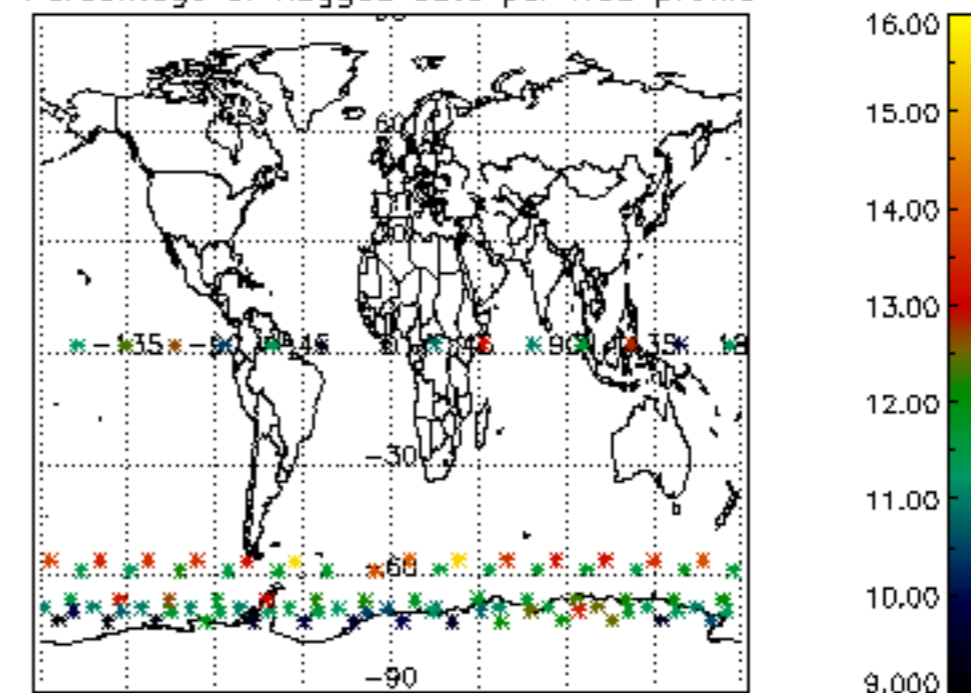
Percentage of flagged data per H2O profile

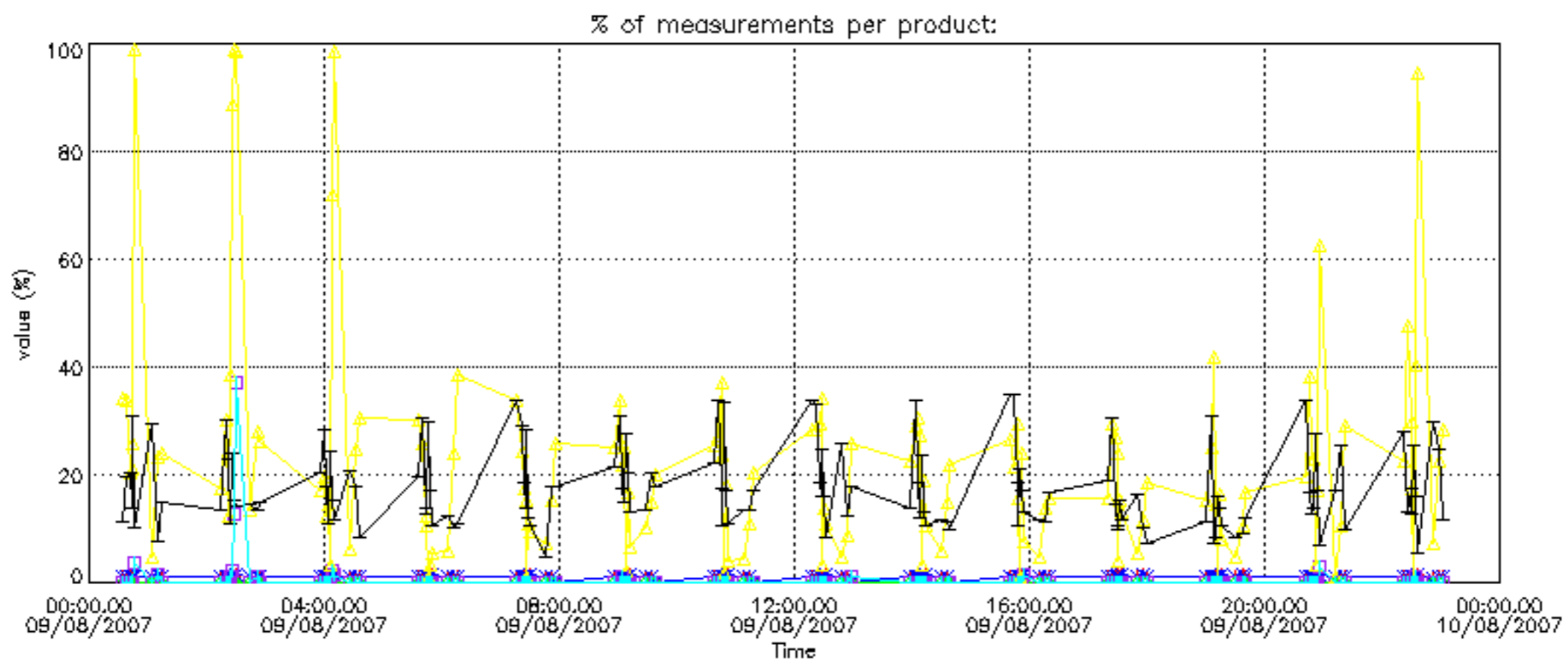


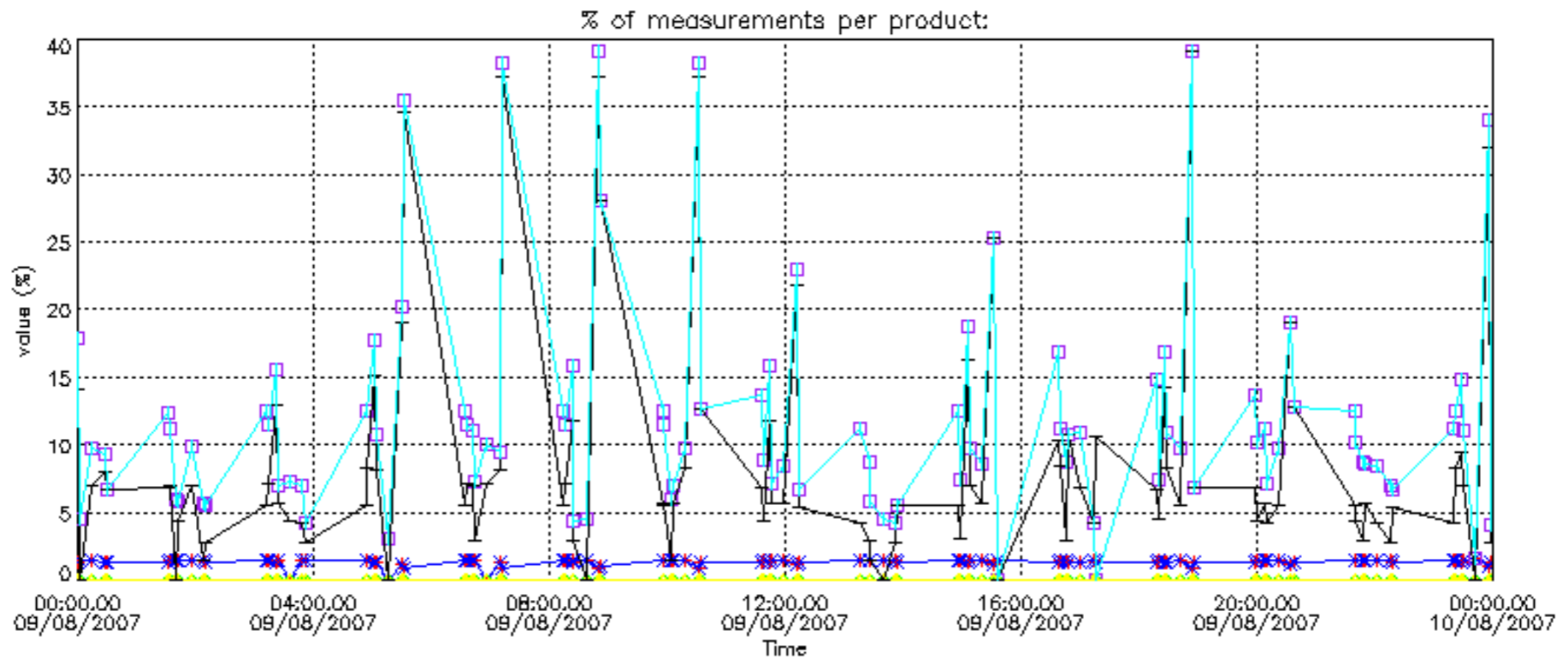
Percentage of flagged data per NO2 profile



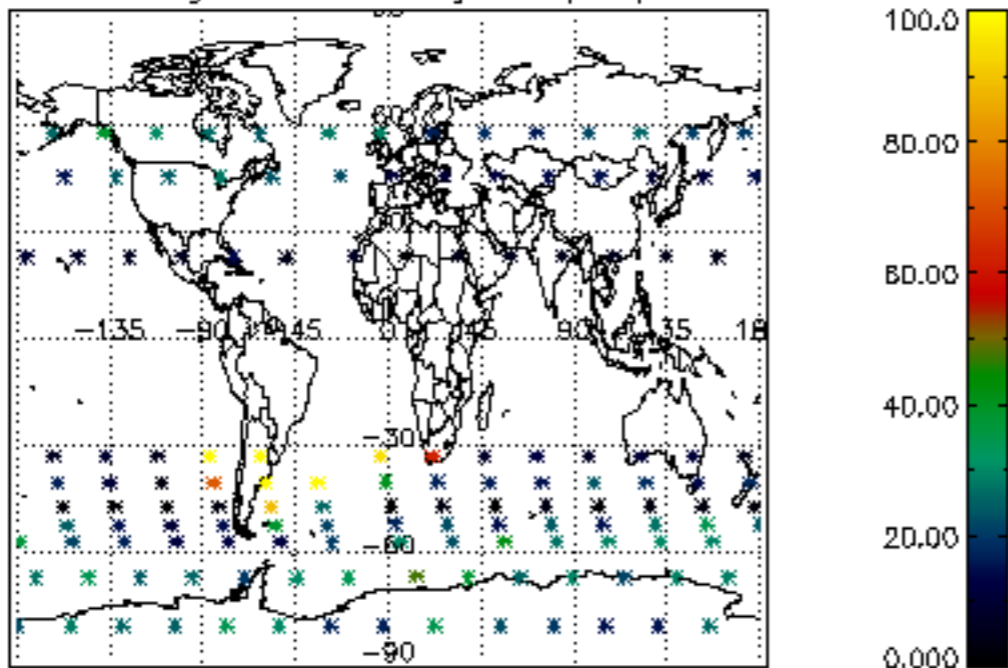
Percentage of flagged data per NO3 profile



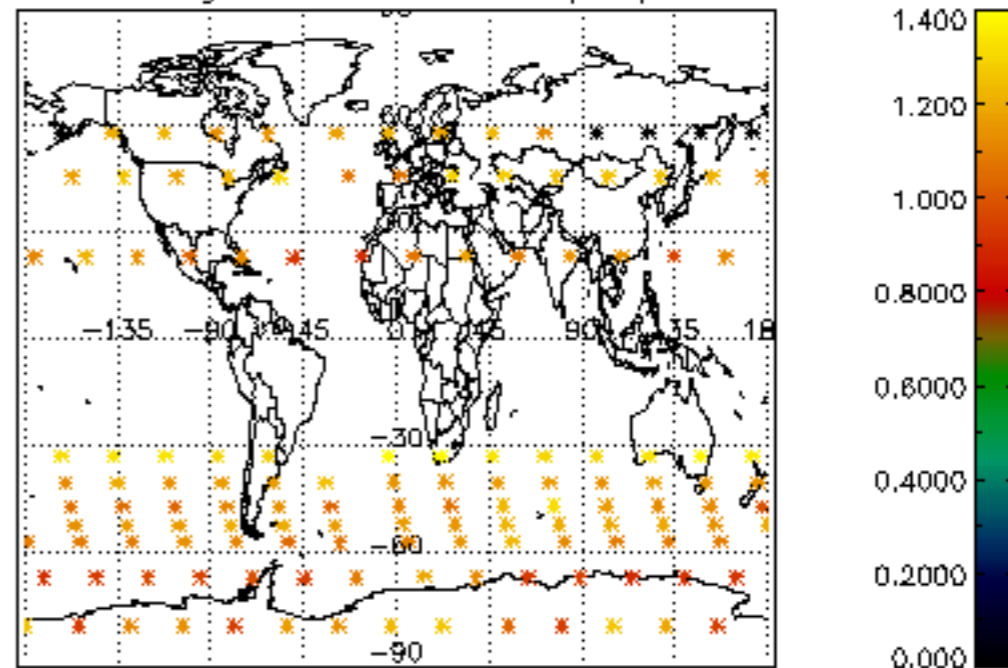




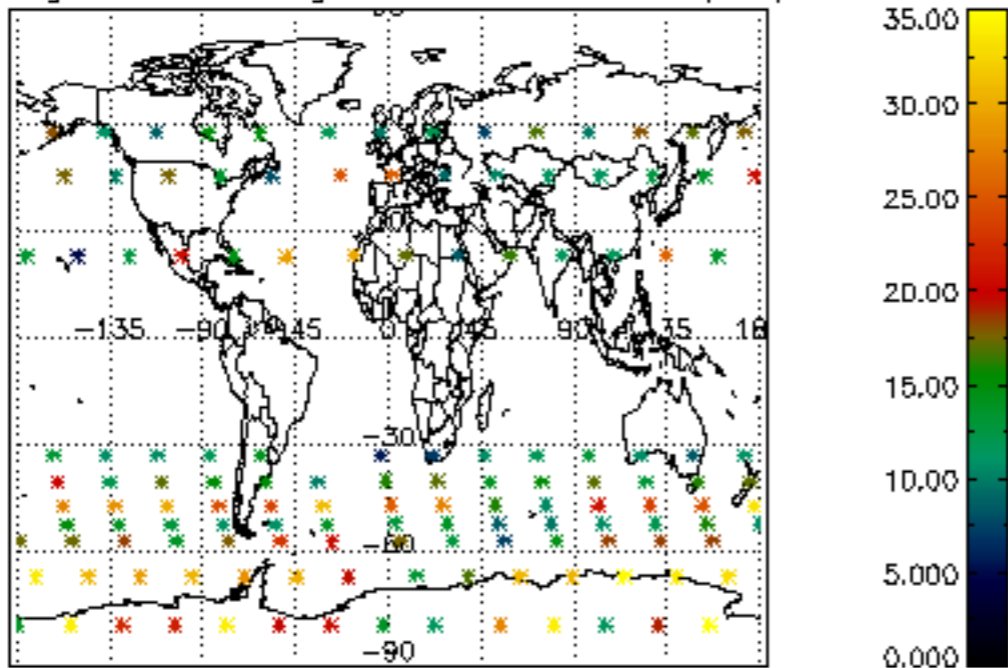
Percentage of cosmic ray hits per profile



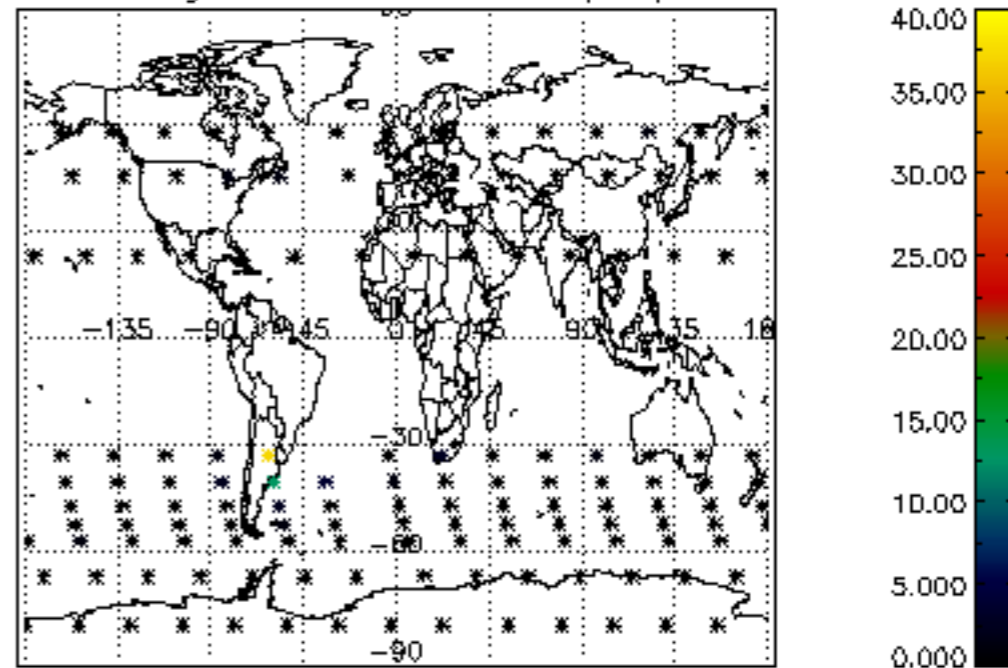
Percentage of datation errors per profile



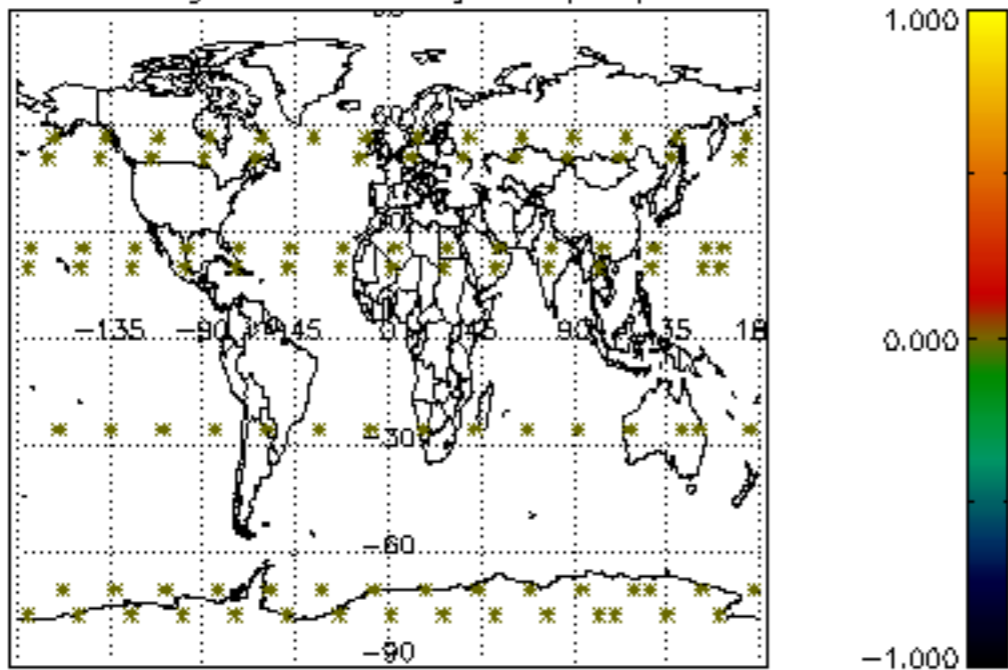
Percentage of star falling outside central band per profile



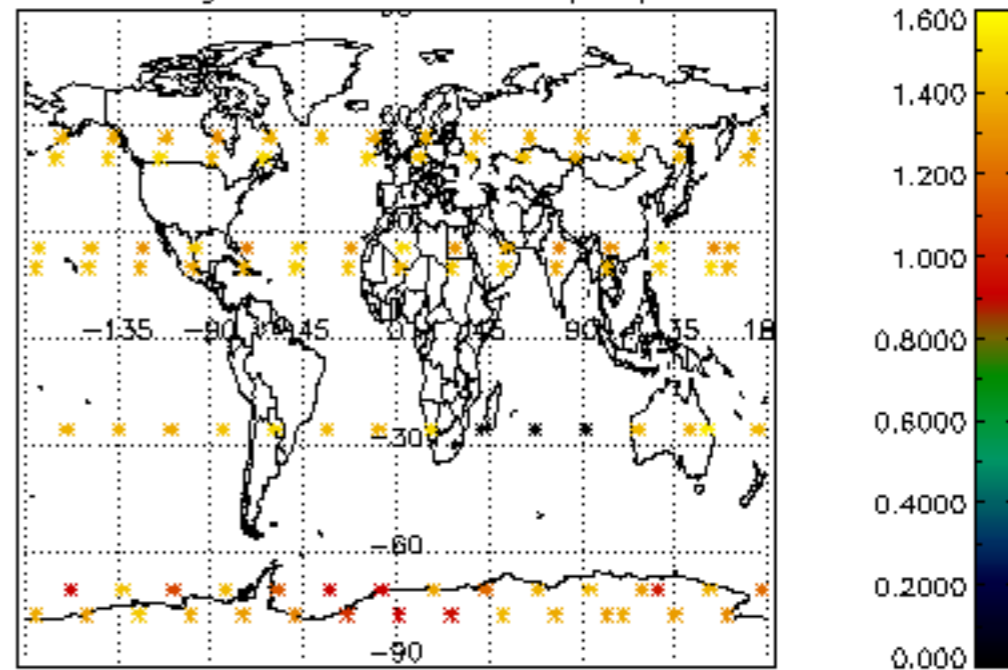
Percentage of saturation errors per profile



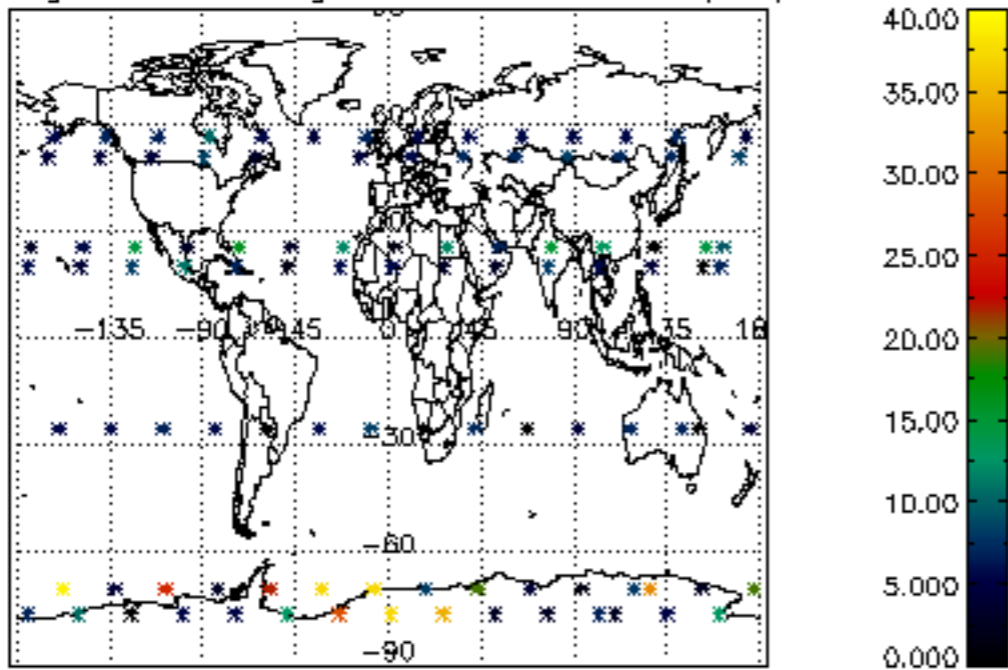
Percentage of cosmic ray hits per profile



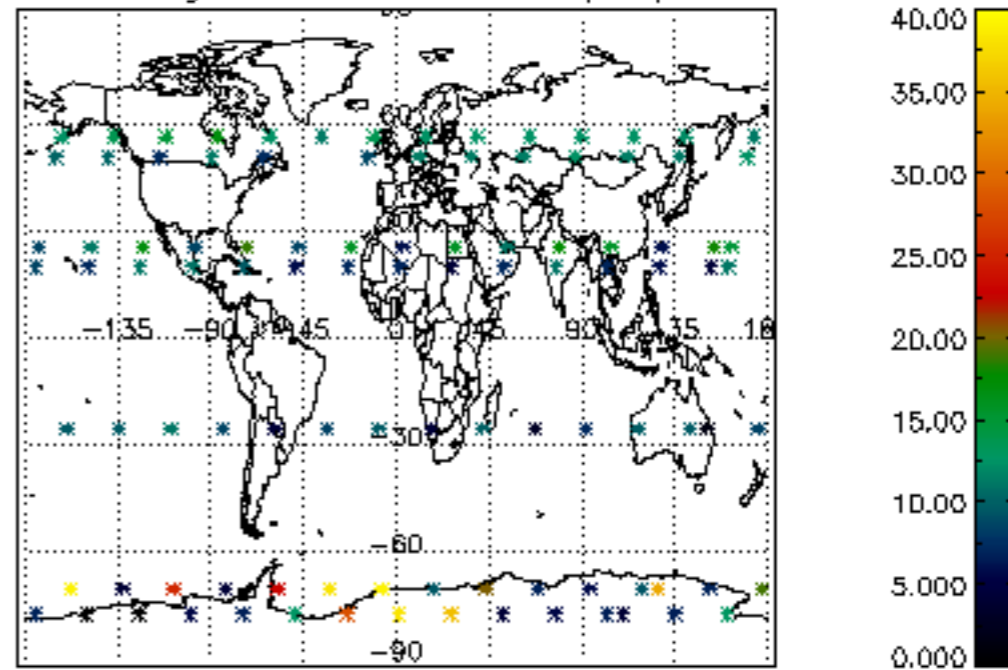
Percentage of datation errors per profile

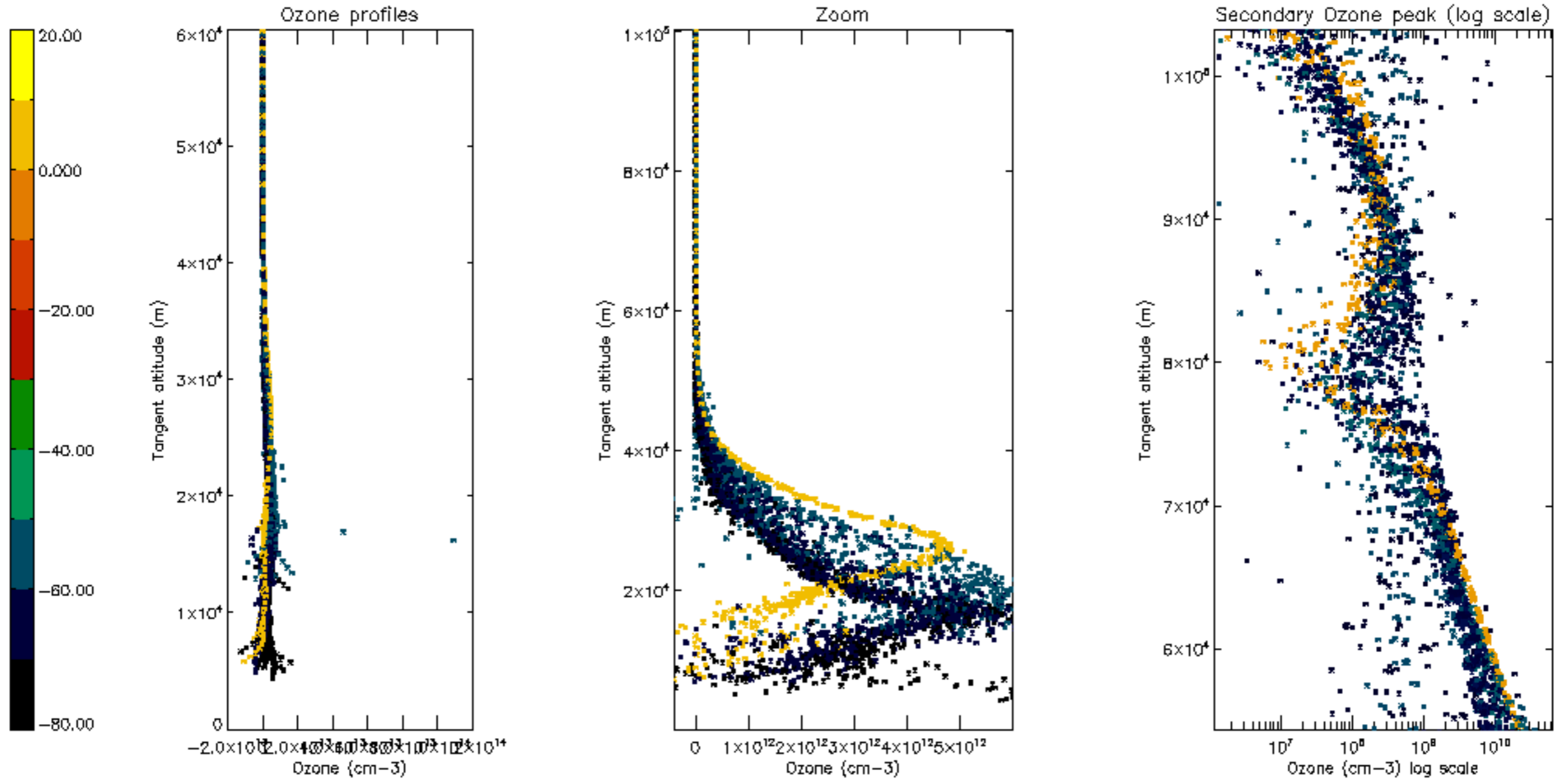


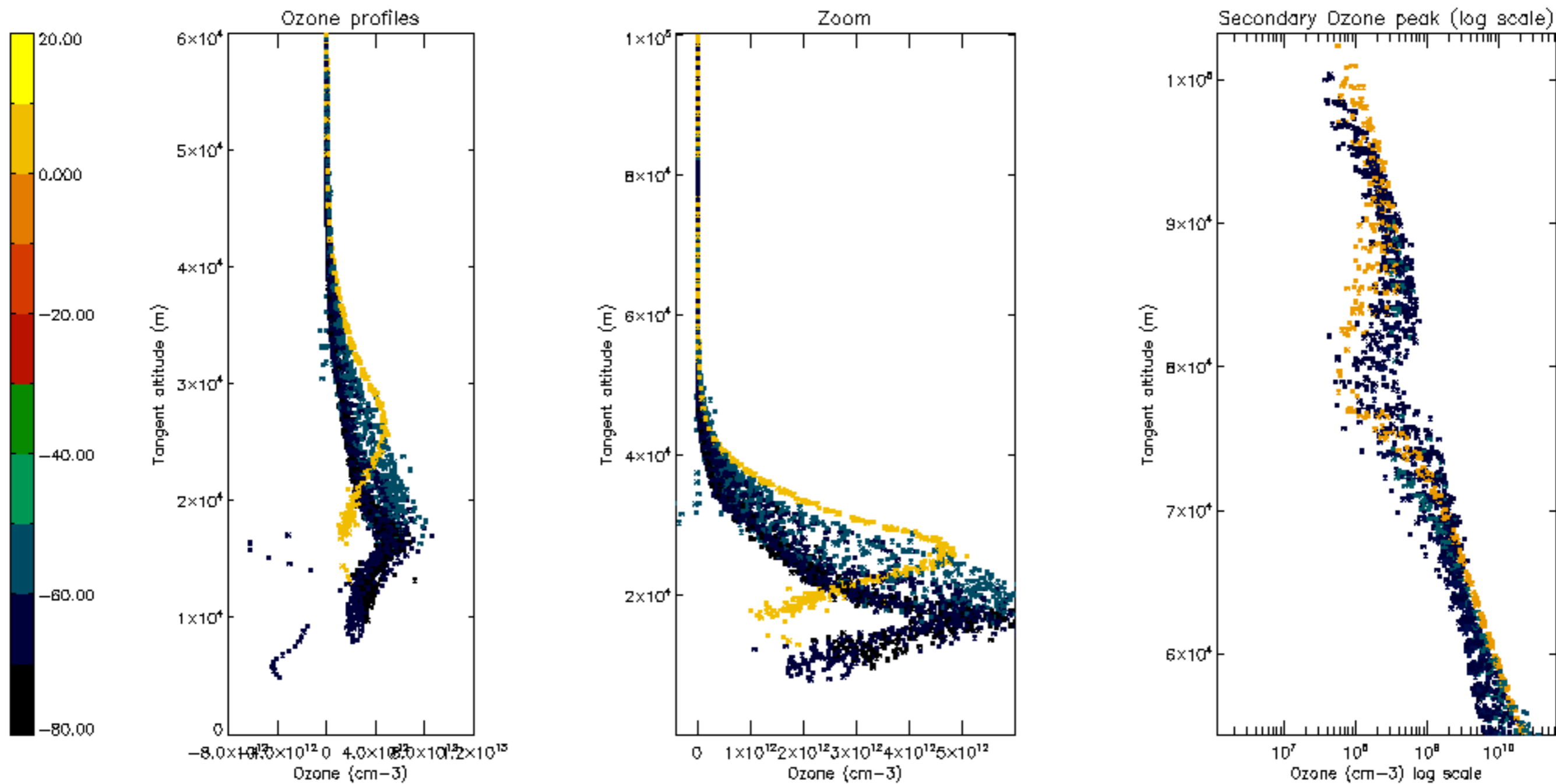
Percentage of star falling outside central band per profile

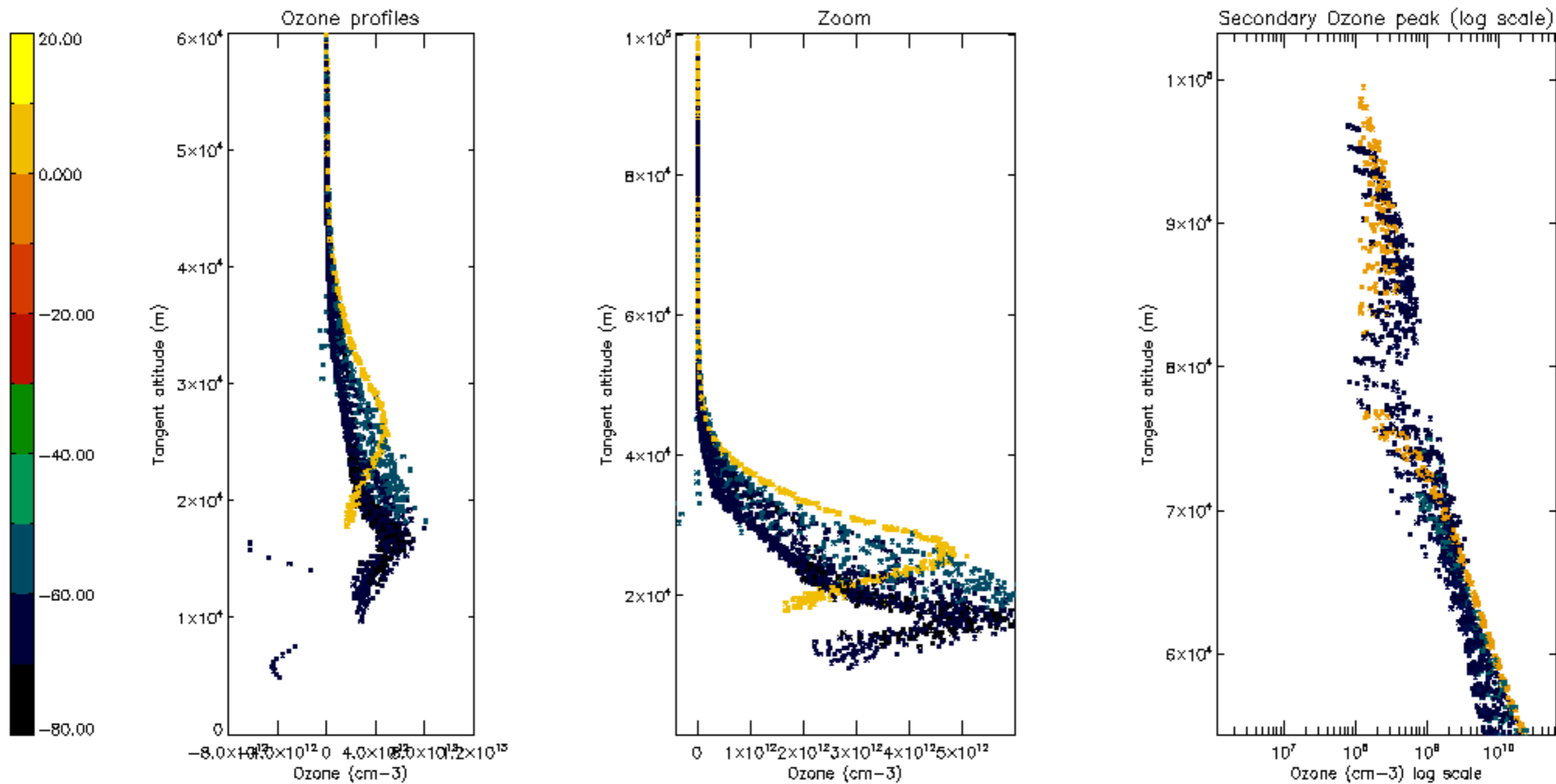


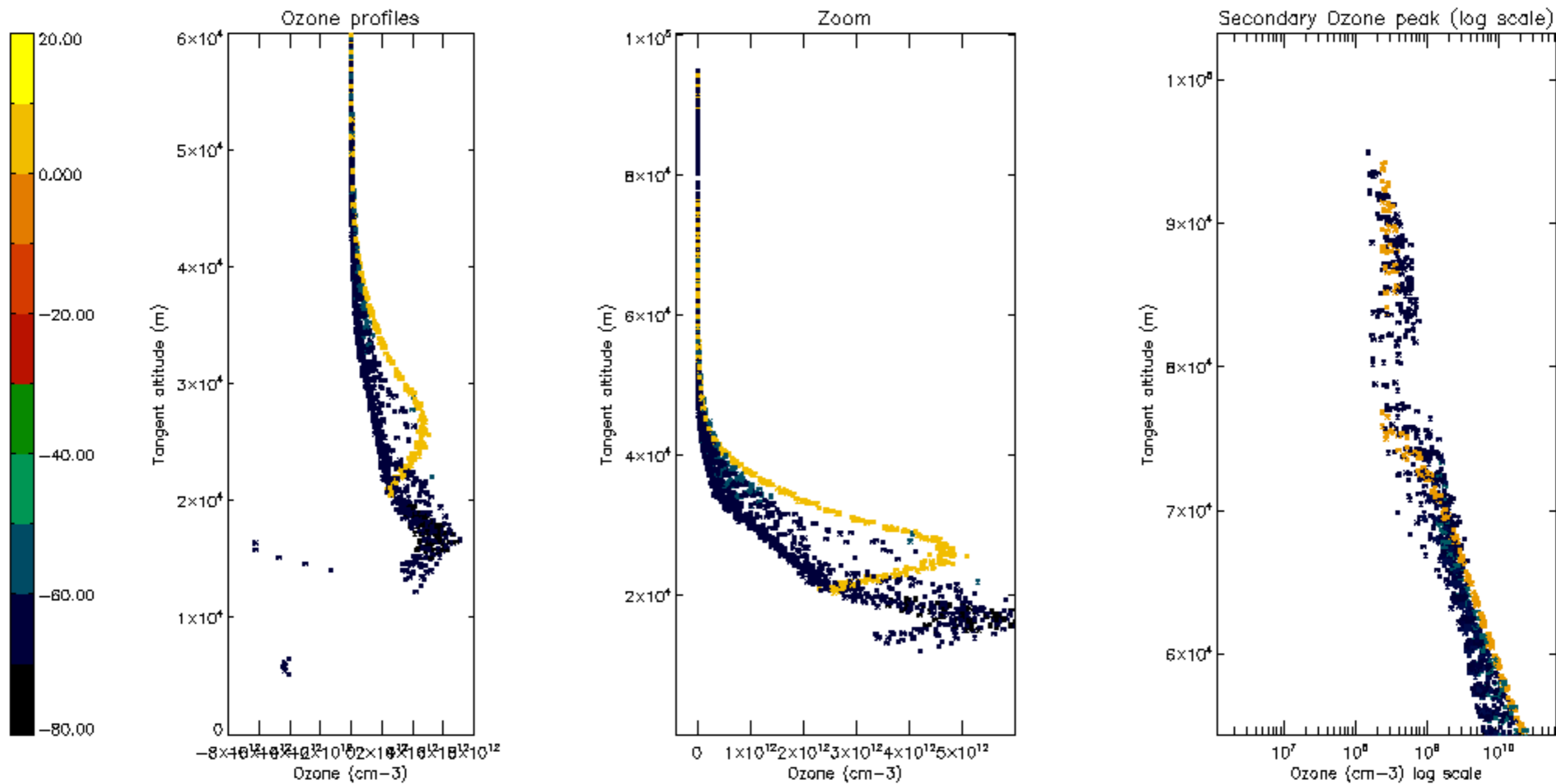
Percentage of saturation errors per profile

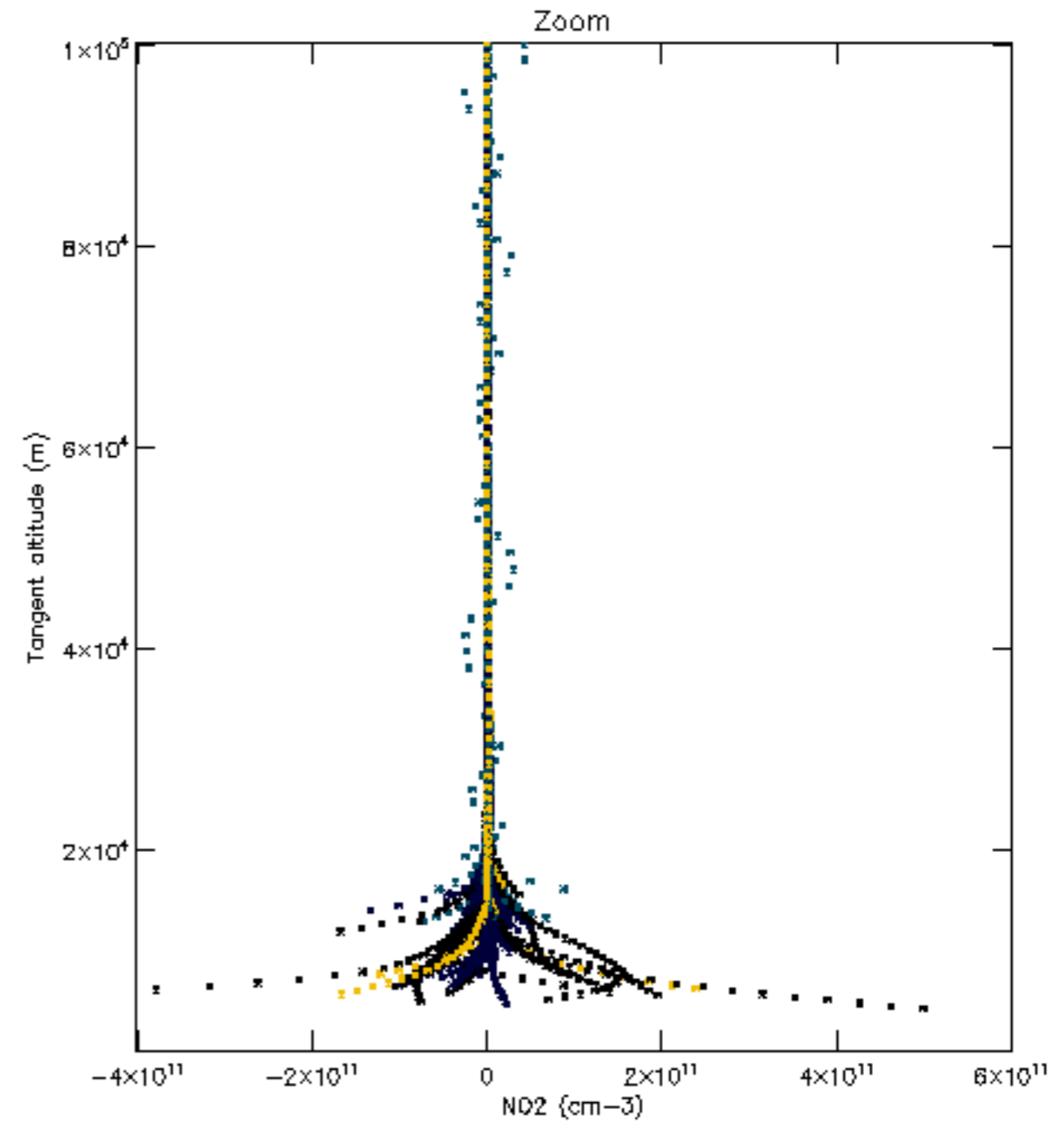
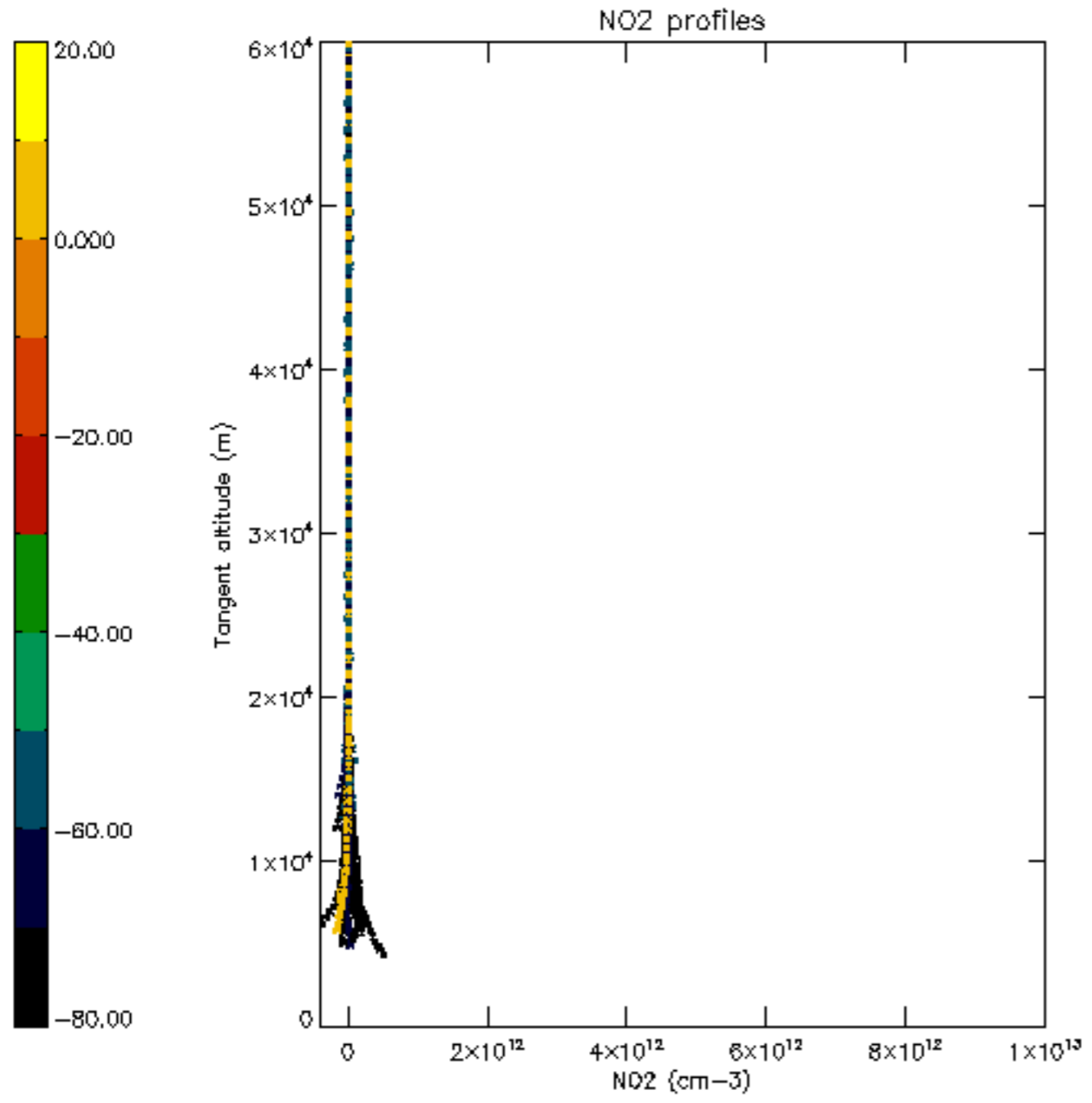


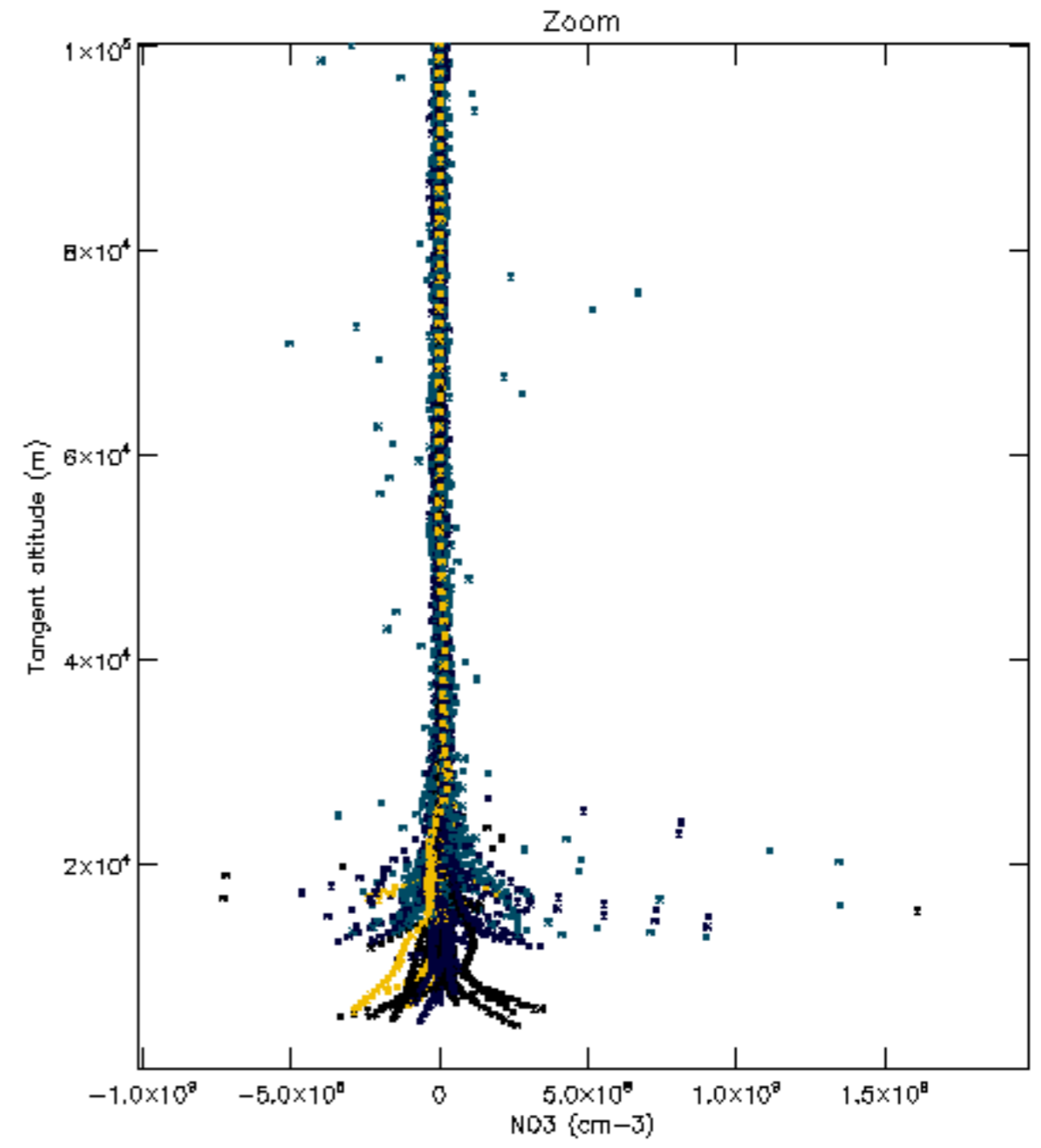
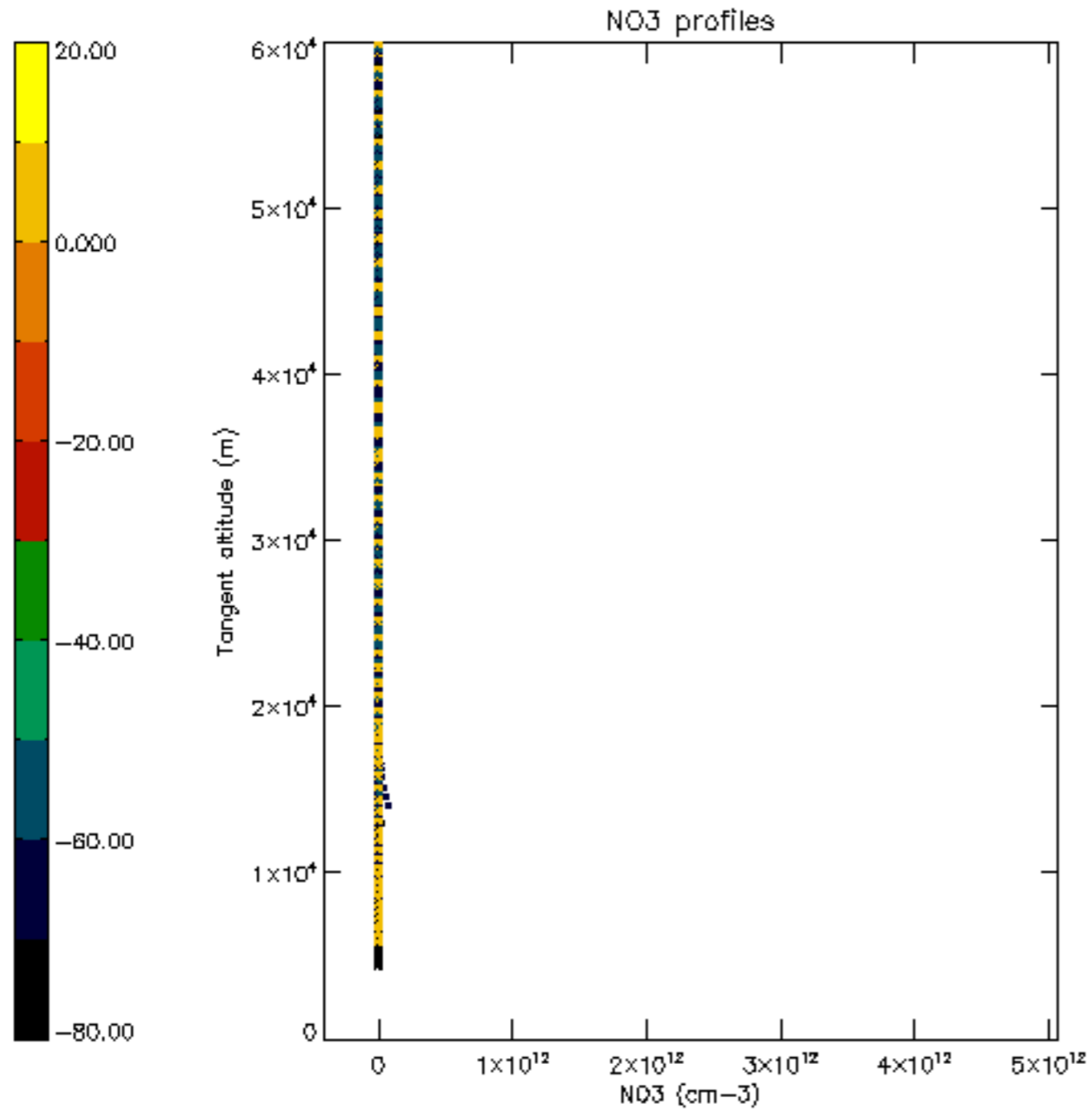


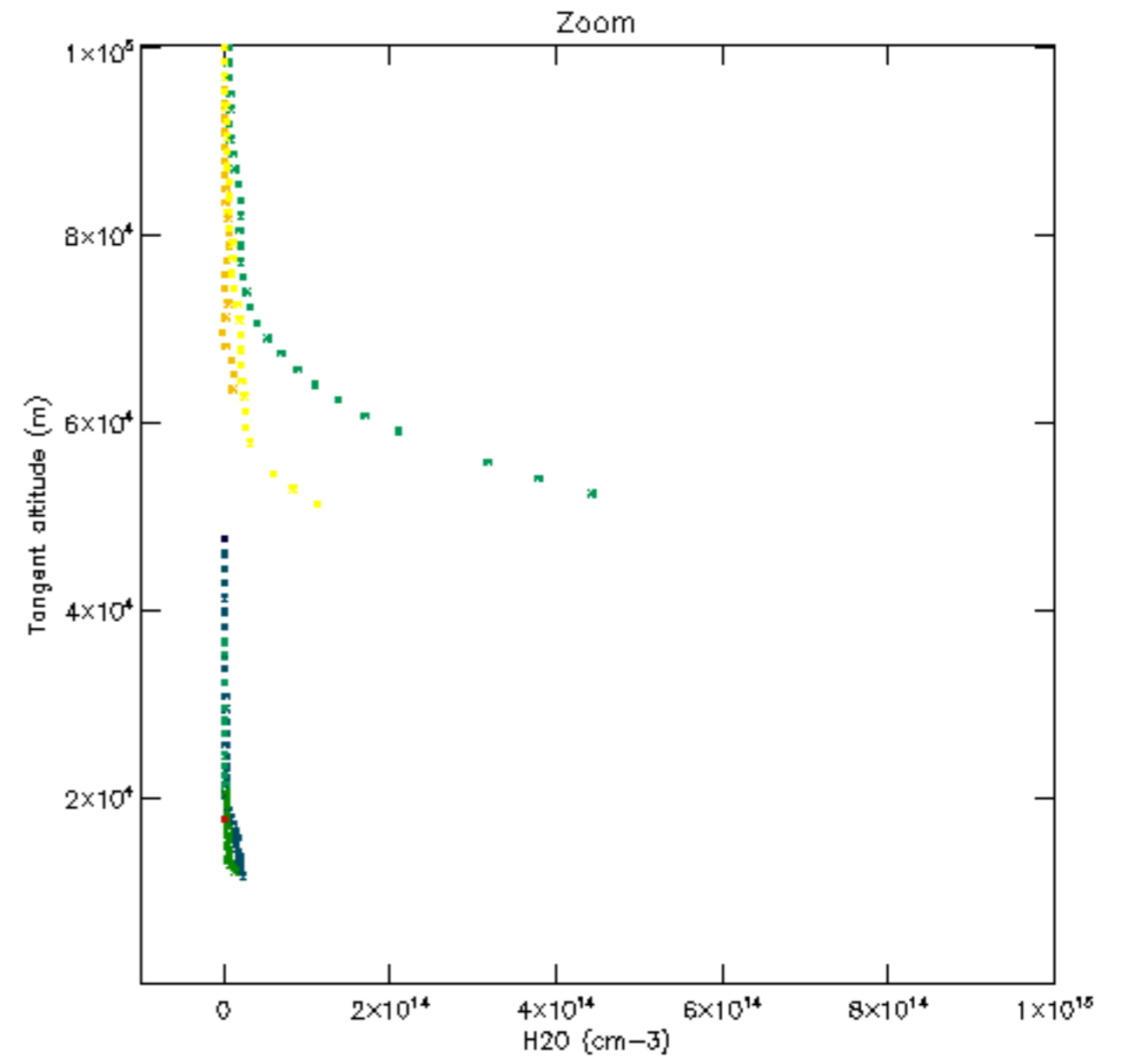
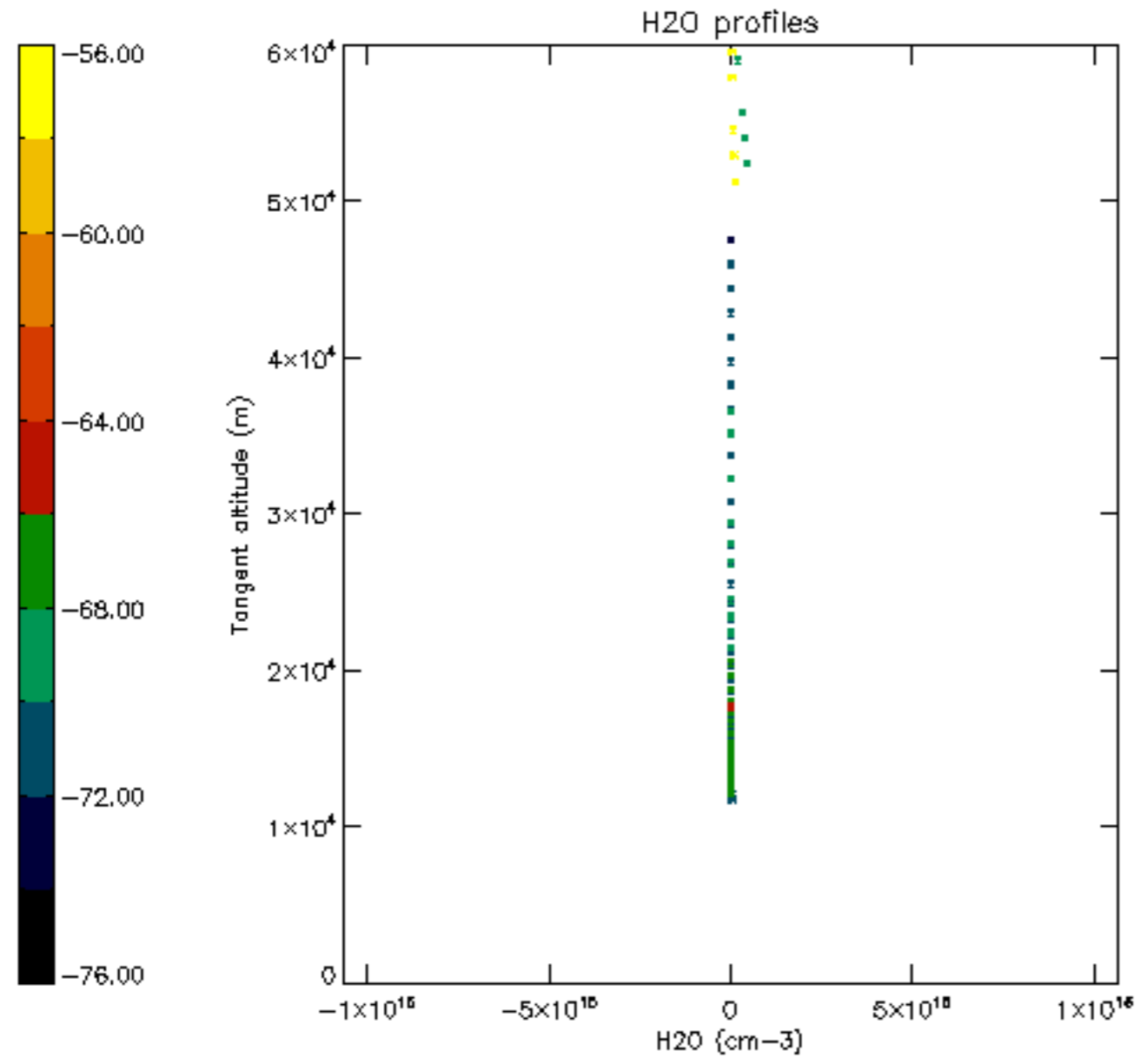


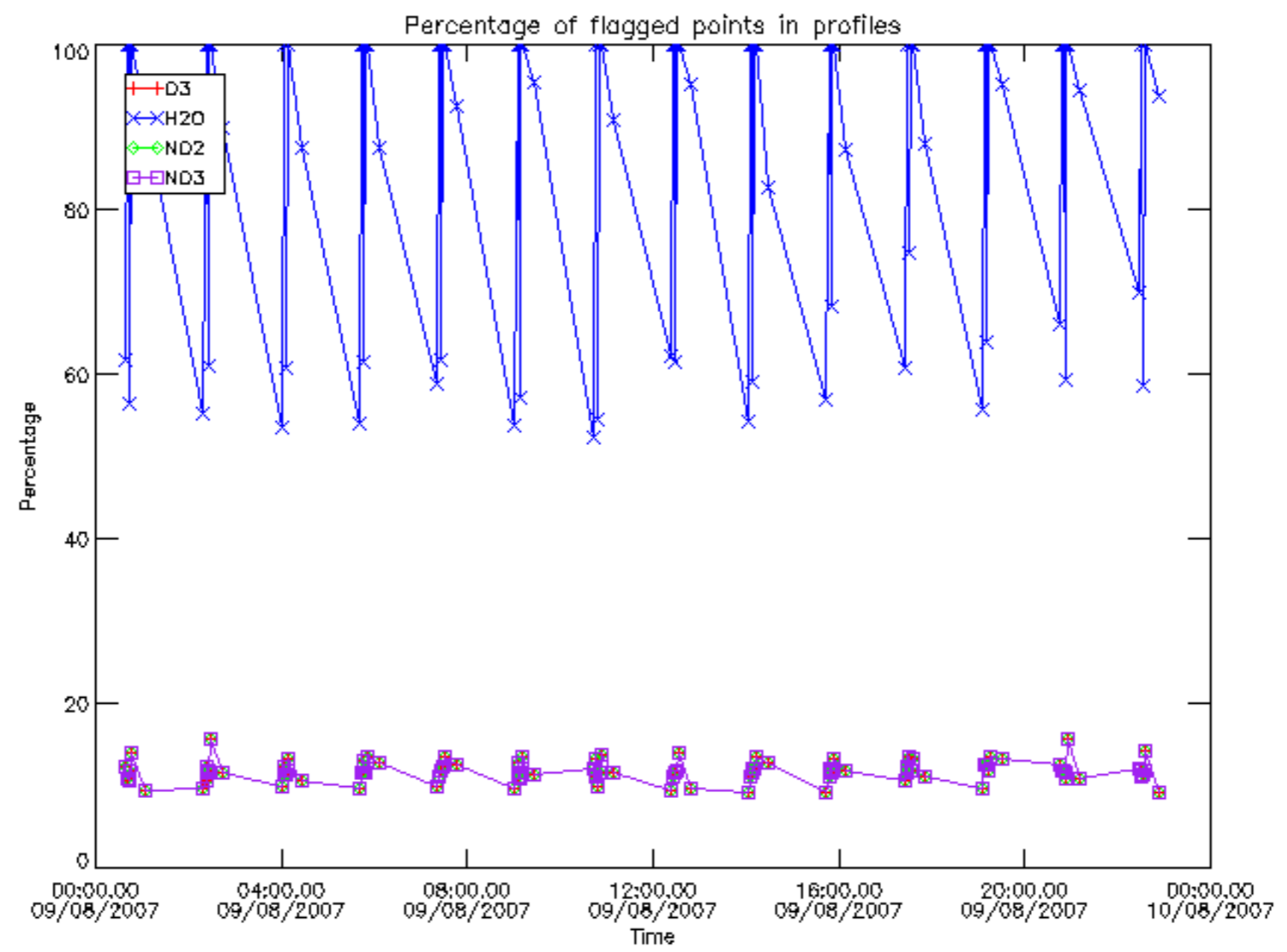




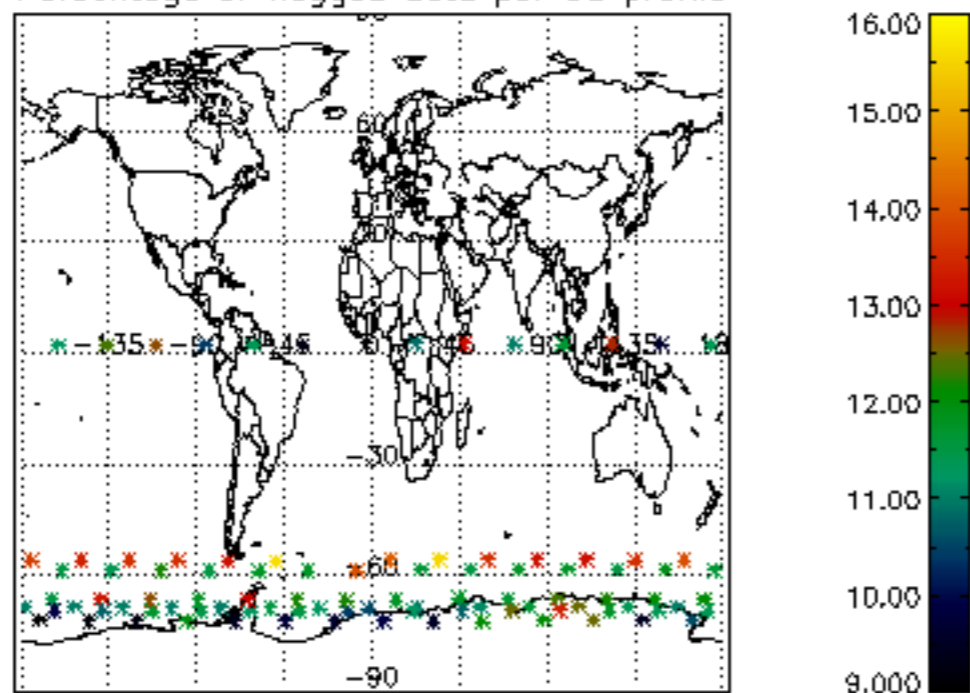




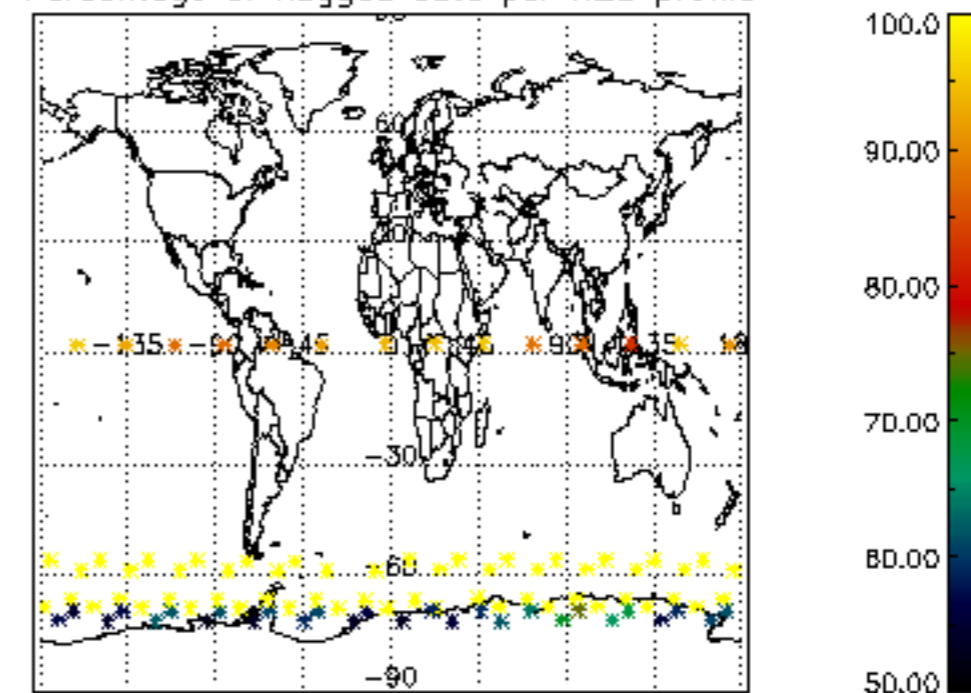




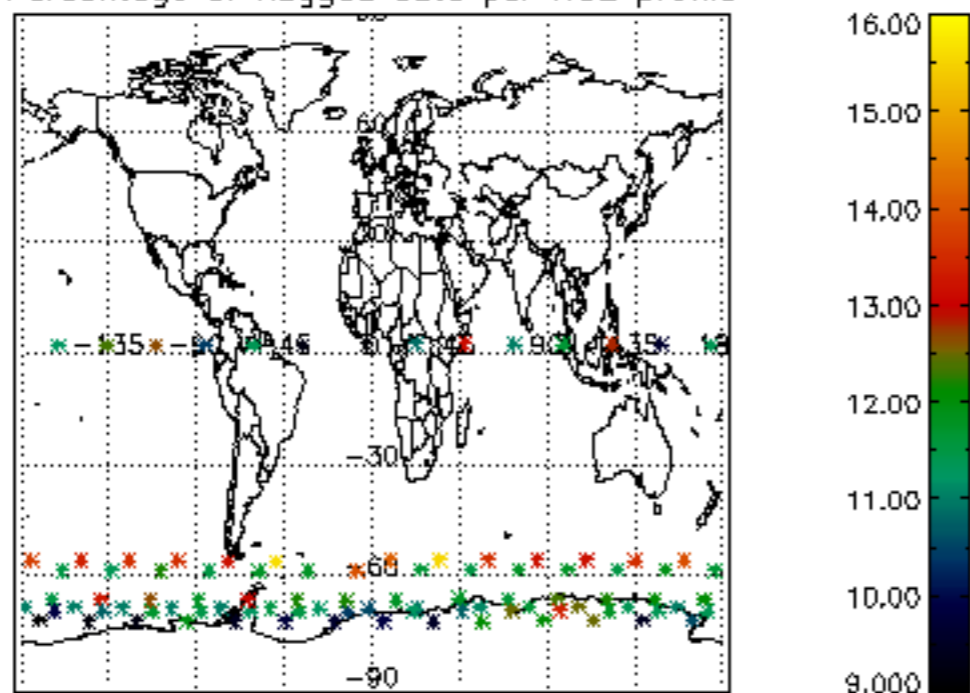
Percentage of flagged data per D3 profile



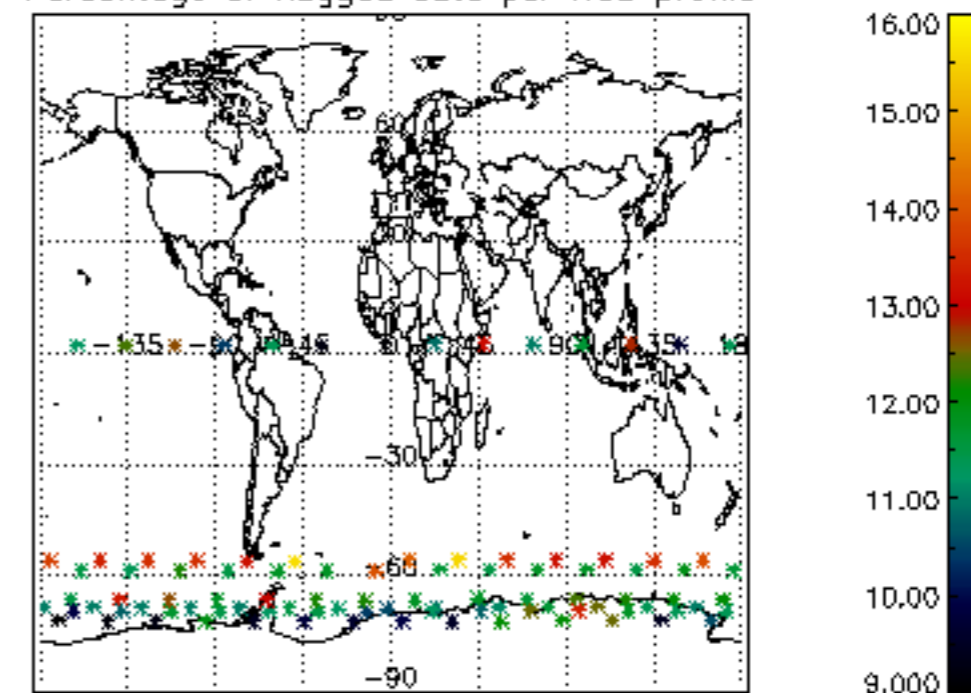
Percentage of flagged data per H2O profile

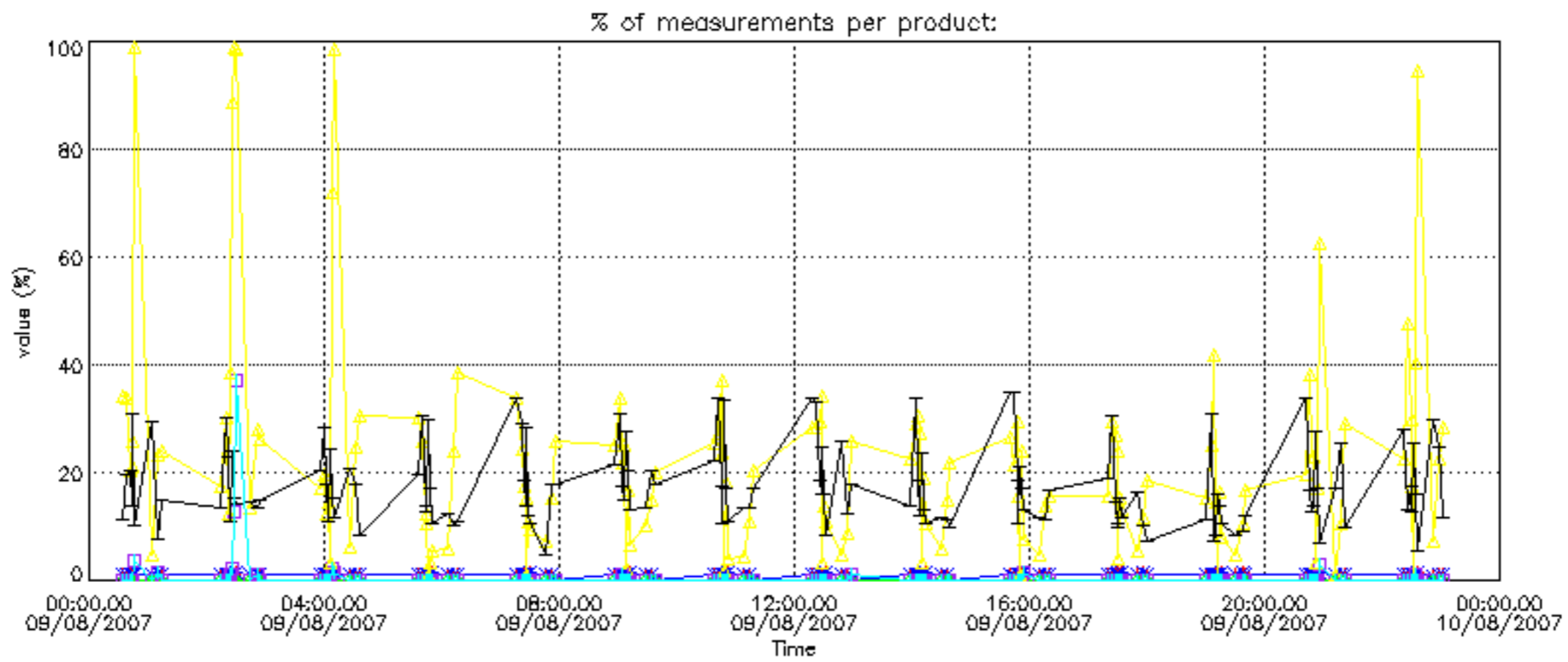


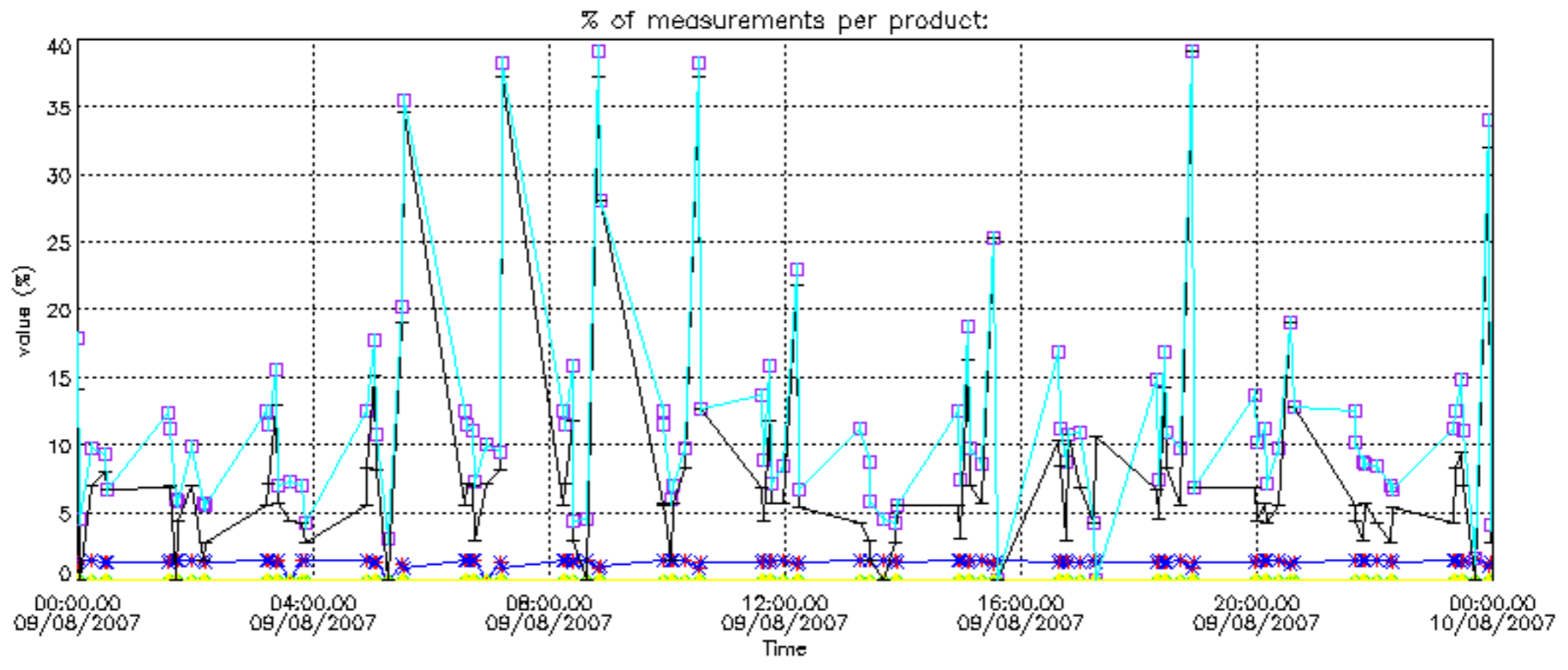
Percentage of flagged data per NO2 profile



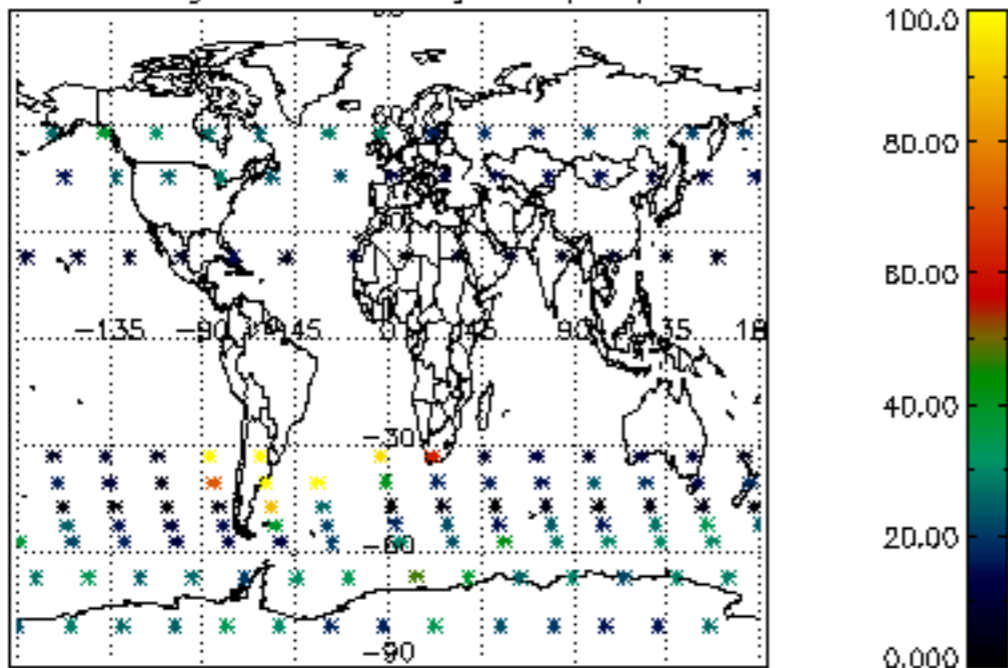
Percentage of flagged data per NO3 profile



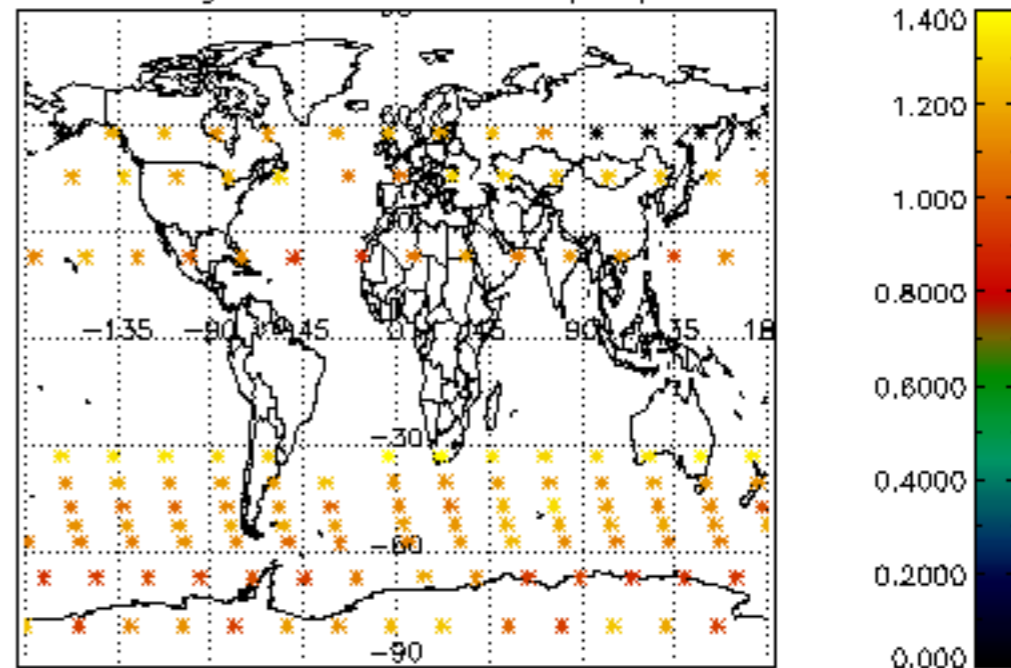




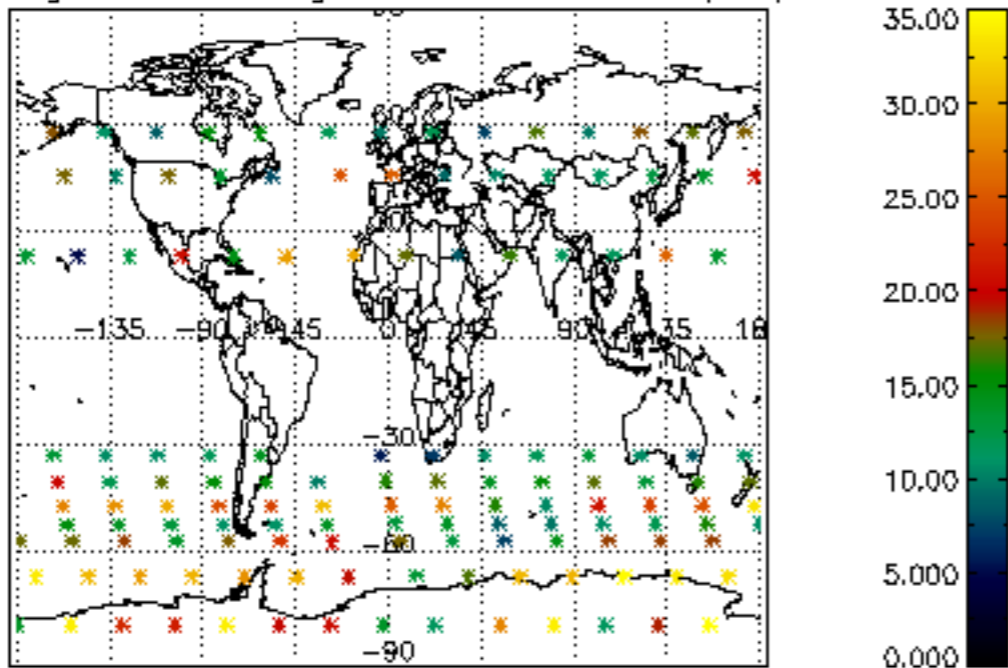
Percentage of cosmic ray hits per profile



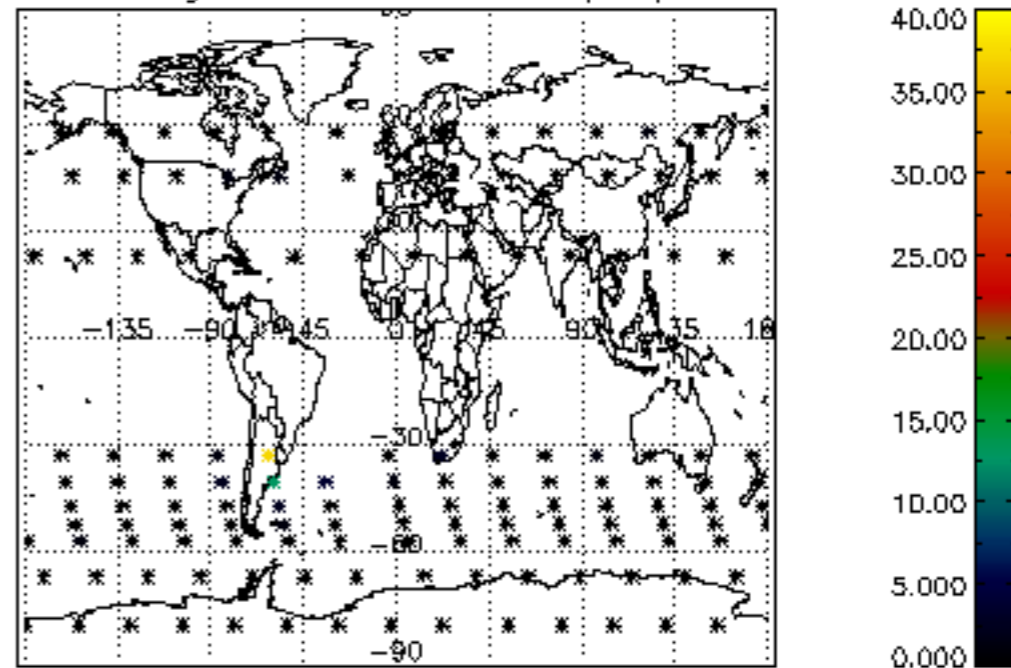
Percentage of datation errors per profile



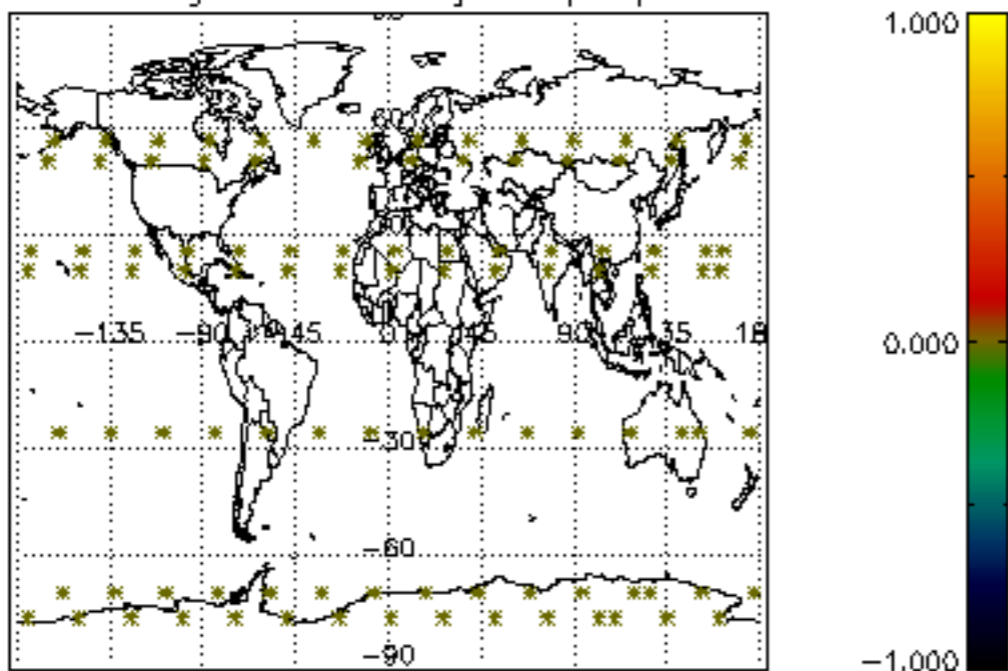
Percentage of star falling outside central band per profile



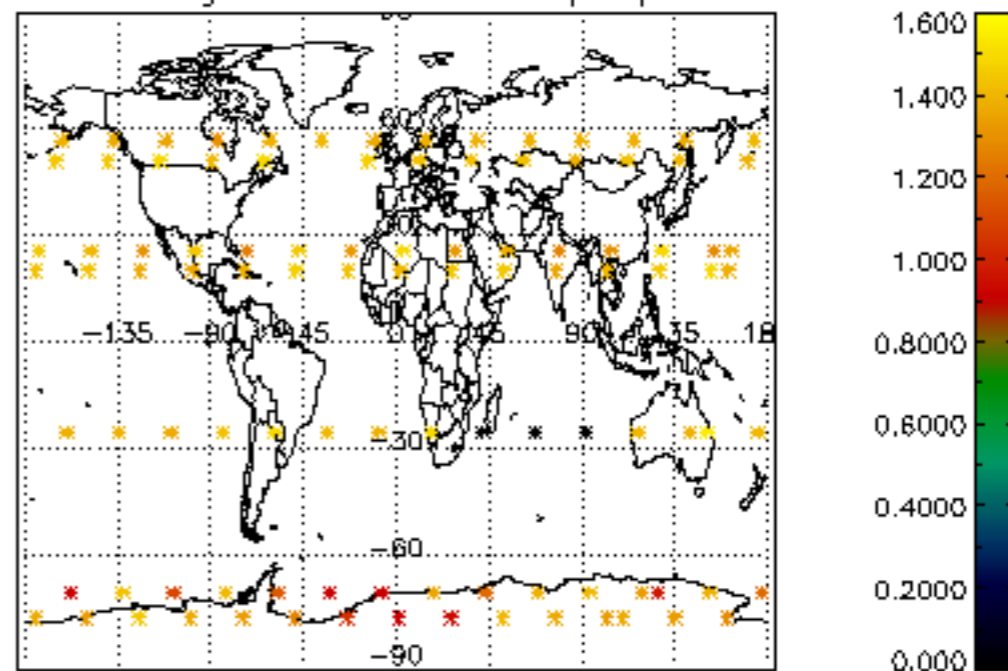
Percentage of saturation errors per profile



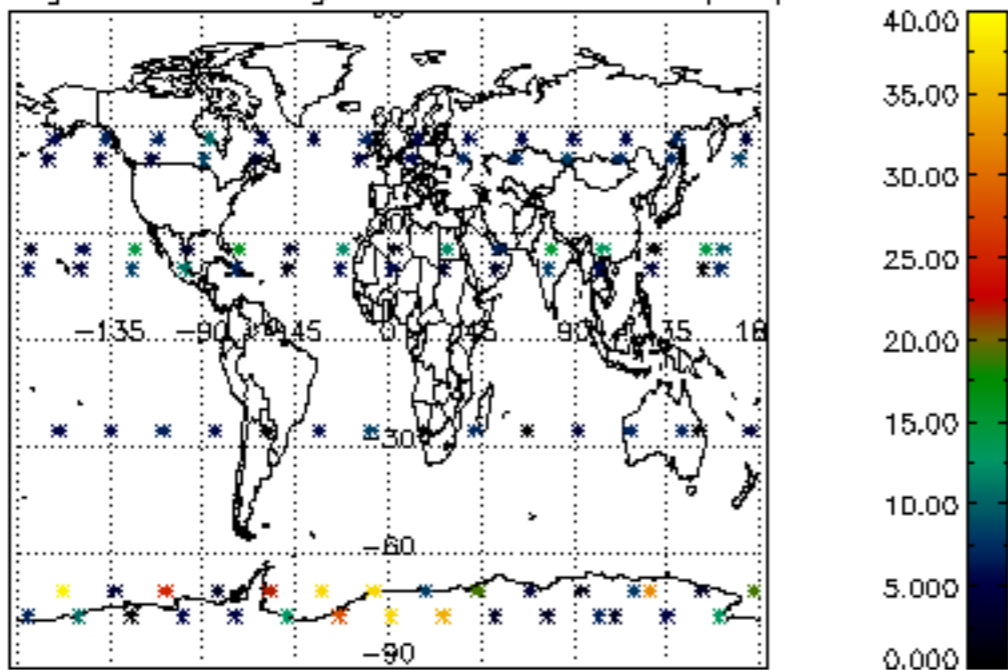
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

