

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 13:46:48
Data source version	GOMOS/6.01
Start time of products	11-12-2007 (11DEC2007 00:00:00)
Stop time of products	12-12-2007 (12DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	292
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

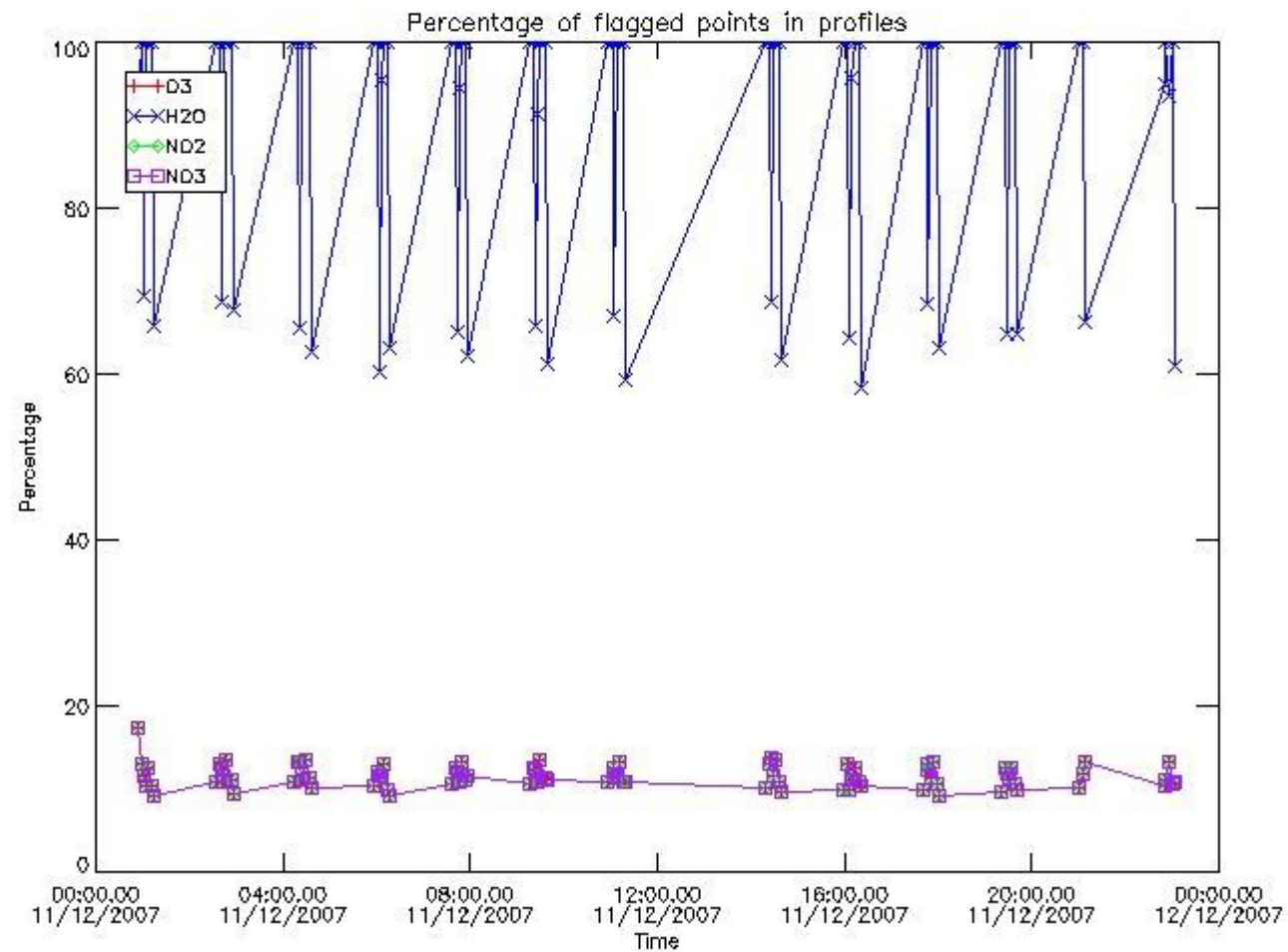
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20071211_000050_000000362064_00102_30216_7830.N1	11-DEC-2007 00:00:50	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30216	No
2	GOM_NL__2PRFIN20071211_000310_000000342064_00102_30216_7831.N1	11-DEC-2007 00:03:10	Bright	34.000	149	45Eps Per	2.8880	30000.	68	30216	No
3	GOM_NL__2PRFIN20071211_000519_000000342064_00102_30216_7832.N1	11-DEC-2007 00:05:19	Bright	34.000	175	39Del Per	3.0100	19400.	68	30216	No
4	GOM_NL__2PRFIN20071211_001700_000000362064_00102_30216_7833.N1	11-DEC-2007 00:17:00	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30216	No
5	GOM_NL__2PRFIN20071211_002143_000000372064_00102_30216_7834.N1	11-DEC-2007 00:21:43	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30216	No
6	GOM_NL__2PRFIN20071211_002635_000000412064_00102_30216_7835.N1	11-DEC-2007 00:26:35	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30216	No
7	GOM_NL__2PRFIN20071211_002858_000000362064_00102_30216_7836.N1	11-DEC-2007 00:28:58	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30216	No
8	GOM_NL__2PRFIN20071211_003208_000000412064_00102_30216_7837.N1	11-DEC-2007 00:32:08	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	30216	No
9	GOM_NL__2PRFIN20071211_003515_000000352064_00102_30216_7838.N1	11-DEC-2007 00:35:15	Bright	35.000	83		2.3780	11000.	70	30216	No
10	GOM_NL__2PRFIN20071211_003825_000000392064_00102_30216_7839.N1	11-DEC-2007 00:38:25	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	30216	No
11	GOM_NL__2PRFIN20071211_004753_000000502064_00102_30216_7840.N1	11-DEC-2007 00:47:53	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	30216	No
12	GOM_NL__2PRFIN20071211_005121_000000432064_00102_30216_7841.N1	11-DEC-2007 00:51:21	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	30216	No
13	GOM_NL__2PRFIN20071211_005326_000000502064_00102_30216_7842.N1	11-DEC-2007 00:53:26	Dark	49.500	106	9Bet Crv	2.6480	5600.0	99	30216	No
14	GOM_NL__2PRFIN20071211_005848_000000392064_00102_30216_7843.N1	11-DEC-2007 00:58:48	Dark	39.000	64	Gam Cen	2.2000	10600.	78	30216	No
15	GOM_NL__2PRFIN20071211_010047_000000482064_00103_30217_7858.N1	11-DEC-2007 01:00:47	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	30217	No
16	GOM_NL__2PRFIN20071211_010354_000000542064_00103_30217_7859.N1	11-DEC-2007 01:03:54	Dark	54.000	113	Mu Vel	2.6920	5000.0	108	30217	No
17	GOM_NL__2PRFIN20071211_010649_000000412064_00103_30217_7860.N1	11-DEC-2007 01:06:49	Dark	40.500	159	Ups Car	2.9200	7200.0	81	30217	No
18	GOM_NL__2PRFIN20071211_011232_000000502064_00103_30217_7861.N1	11-DEC-2007 01:12:32	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30217	No
19	GOM_NL__2PRFIN20071211_011506_000000562064_00103_30217_7862.N1	11-DEC-2007 01:15:06	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	30217	No
20	GOM_NL__2PRFIN20071211_012116_000000432064_00103_30217_7863.N1	11-DEC-2007 01:21:16	Straylight	42.500	108	Alp Col	2.6520	15200.	85	30217	No
21	GOM_NL__2PRFIN20071211_012628_000000462064_00103_30217_7864.N1	11-DEC-2007 01:26:28	Straylight	46.000	101	11Alp Lep	2.5820	7000.0	92	30217	No
22	GOM_NL__2PRFIN20071211_012942_000000542064_00103_30217_7865.N1	11-DEC-2007 01:29:42	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	30217	No
23	GOM_NL__2PRFIN20071211_013712_000000562064_00103_30217_7866.N1	11-DEC-2007 01:37:12	Tw_and_stray	56.000	13	87Alp Tau	0.86700	3800.0	112	30217	No
24	GOM_NL__2PRFIN20071211_013912_000000382064_00103_30217_7867.N1	11-DEC-2007 01:39:12	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	30217	No
25	GOM_NL__2PRFIN20071211_014126_000000372064_00103_30217_7868.N1	11-DEC-2007 01:41:26	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30217	No
26	GOM_NL__2PRFIN20071211_014346_000000372064_00103_30217_7869.N1	11-DEC-2007 01:43:46	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30217	No
27	GOM_NL__2PRFIN20071211_014555_000000422064_00103_30217_7870.N1	11-DEC-2007 01:45:55	Bright	41.500	175	39Del Per	3.0100	19400.	83	30217	No
28	GOM_NL__2PRFIN20071211_015735_000000352064_00103_30217_7871.N1	11-DEC-2007 01:57:35	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30217	No
29	GOM_NL__2PRFIN20071211_020219_000000382064_00103_30217_7872.N1	11-DEC-2007 02:02:19	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30217	No
30	GOM_NL__2PRFIN20071211_020711_000000412064_00103_30217_7873.N1	11-DEC-2007 02:07:11	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	30217	No
31	GOM_NL__2PRFIN20071211_020934_000000392064_00103_30217_7874.N1	11-DEC-2007 02:09:34	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30217	No
32	GOM_NL__2PRFIN20071211_021244_000000382064_00103_30217_7875.N1	11-DEC-2007 02:12:44	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	30217	No
33	GOM_NL__2PRFIN20071211_021551_000000362064_00103_30217_7876.N1	11-DEC-2007 02:15:51	Bright	35.500	83		2.3780	11000.	71	30217	No
34	GOM_NL__2PRFIN20071211_021901_000000372064_00103_30217_7877.N1	11-DEC-2007 02:19:01	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	30217	No
35	GOM_NL__2PRFIN20071211_022829_000000472064_00103_30217_7878.N1	11-DEC-2007 02:28:29	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	30217	No
36	GOM_NL__2PRFIN20071211_023157_000000422064_00103_30217_7879.N1	11-DEC-2007 02:31:57	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	30217	No
37	GOM_NL__2PRFIN20071211_023403_000000472064_00103_30217_7880.N1	11-DEC-2007 02:34:03	Dark	46.500	106	9Bet Crv	2.6480	5600.0	93	30217	No
38	GOM_NL__2PRFIN20071211_023925_000000402064_00103_30217_7881.N1	11-DEC-2007 02:39:25	Dark	39.500	64	Gam Cen	2.2000	10600.	79	30217	No
39	GOM_NL__2PRFIN20071211_024123_000000412064_00104_30218_7872.N1	11-DEC-2007 02:41:23	Dark	40.500	26	Gam Cru	1.6240	2900.0	81	30218	No
40	GOM_NL__2PRFIN20071211_024431_000000482064_00104_30218_7873.N1	11-DEC-2007 02:44:31	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	30218	No
41	GOM_NL__2PRFIN20071211_024726_000000382064_00104_30218_7874.N1	11-DEC-2007 02:47:26	Dark	37.500	159	Ups Car	2.9200	7200.0	75	30218	No
42	GOM_NL__2PRFIN20071211_025309_000000462064_00104_30218_7875.N1	11-DEC-2007 02:53:09	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	30218	No

279	GOM_NL__2PRFIN20071211_230029_000000492064_00116_30230_8075.N1	11-DEC-2007 23:00:29	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	30230	No
280	GOM_NL__2PRFIN20071211_230259_000000472064_00116_30230_8076.N1	11-DEC-2007 23:02:59	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	30230	No
281	GOM_NL__2PRFIN20071211_230907_000000402064_00116_30230_8077.N1	11-DEC-2007 23:09:07	Straylight	40.000	108	Alp Col	2.6520	15200.	80	30230	No
282	GOM_NL__2PRFIN20071211_231417_000000432064_00116_30230_8078.N1	11-DEC-2007 23:14:17	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	30230	No
283	GOM_NL__2PRFIN20071211_231619_000000412064_00116_30230_8079.N1	11-DEC-2007 23:16:19	Straylight	40.500	165	34Gam Eri	2.9500	3200.0	81	30230	No
284	GOM_NL__2PRFIN20071211_231829_000000452064_00116_30230_8080.N1	11-DEC-2007 23:18:29	Straylight	44.500	128	67Bet Eri	2.7840	9700.0	89	30230	No
285	GOM_NL__2PRFIN20071211_232458_000000502064_00116_30230_8081.N1	11-DEC-2007 23:24:58	Twilight_stray	50.000	13	87Alp Tau	0.86700	3800.0	100	30230	No
286	GOM_NL__2PRFIN20071211_233132_000000342064_00116_30230_8082.N1	11-DEC-2007 23:31:32	Bright	34.000	149	45Eps Per	2.8880	30000.	68	30230	No
287	GOM_NL__2PRFIN20071211_233341_000000352064_00116_30230_8083.N1	11-DEC-2007 23:33:41	Bright	35.000	175	39Del Per	3.0100	19400.	70	30230	No
288	GOM_NL__2PRFIN20071211_233520_000000352064_00116_30230_8084.N1	11-DEC-2007 23:35:20	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	30230	No
289	GOM_NL__2PRFIN20071211_234523_000000372064_00116_30230_8085.N1	11-DEC-2007 23:45:23	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30230	No
290	GOM_NL__2PRFIN20071211_235006_000000372064_00116_30230_8086.N1	11-DEC-2007 23:50:06	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	30230	No
291	GOM_NL__2PRFIN20071211_235456_000000382064_00116_30230_8087.N1	11-DEC-2007 23:54:56	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30230	No
292	GOM_NL__2PRFIN20071211_235721_000000372064_00116_30230_8088.N1	11-DEC-2007 23:57:21	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30230	No

3. Quality information per product

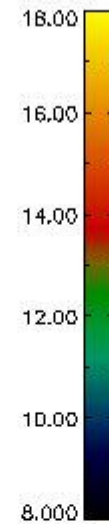
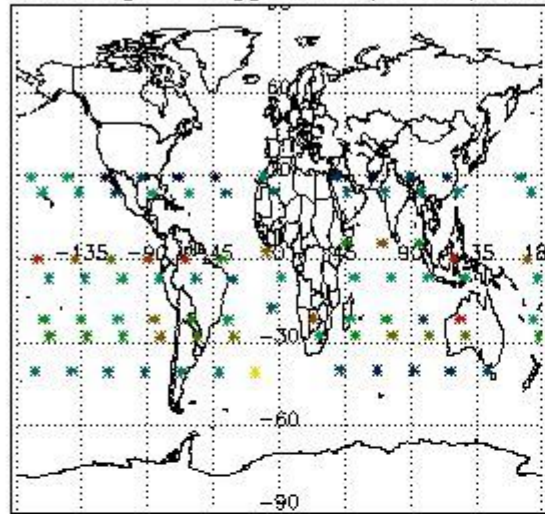
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

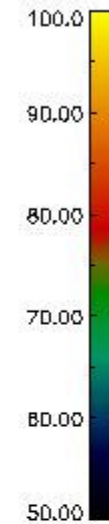
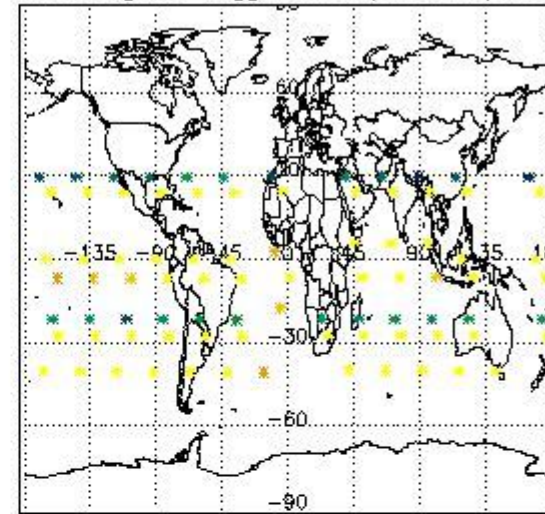


3.2 Plot quality information per product (world map)

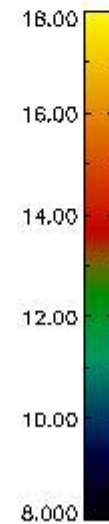
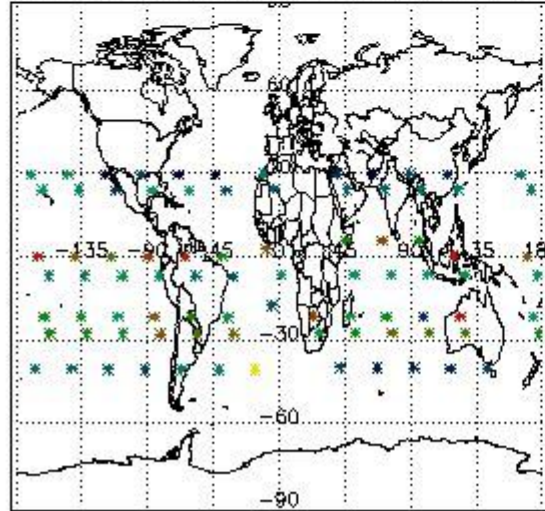
Percentage of flagged data per O3 profile



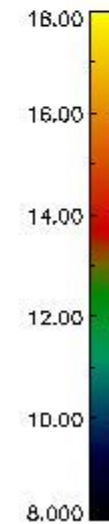
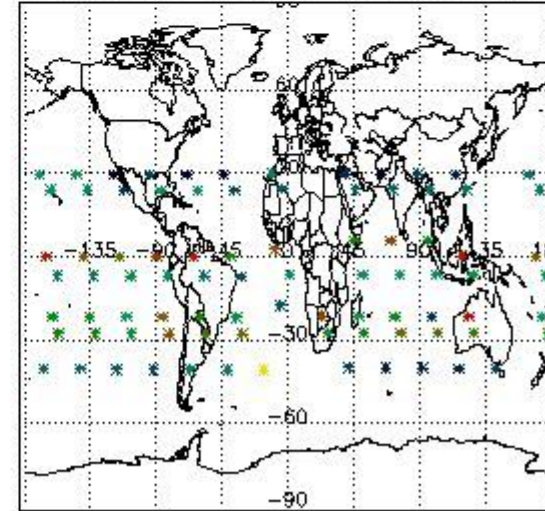
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

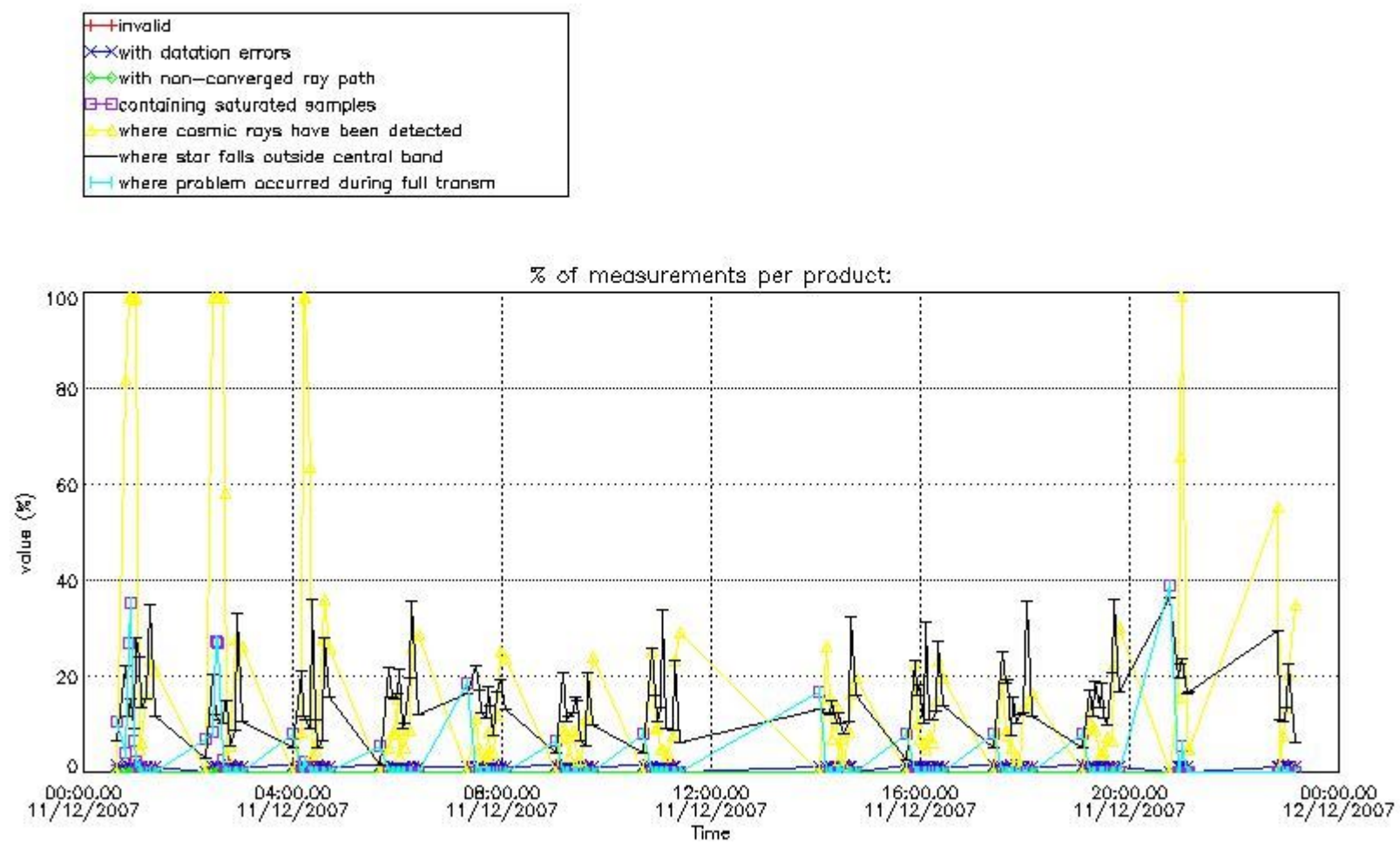


4. Level 1 quality information per product

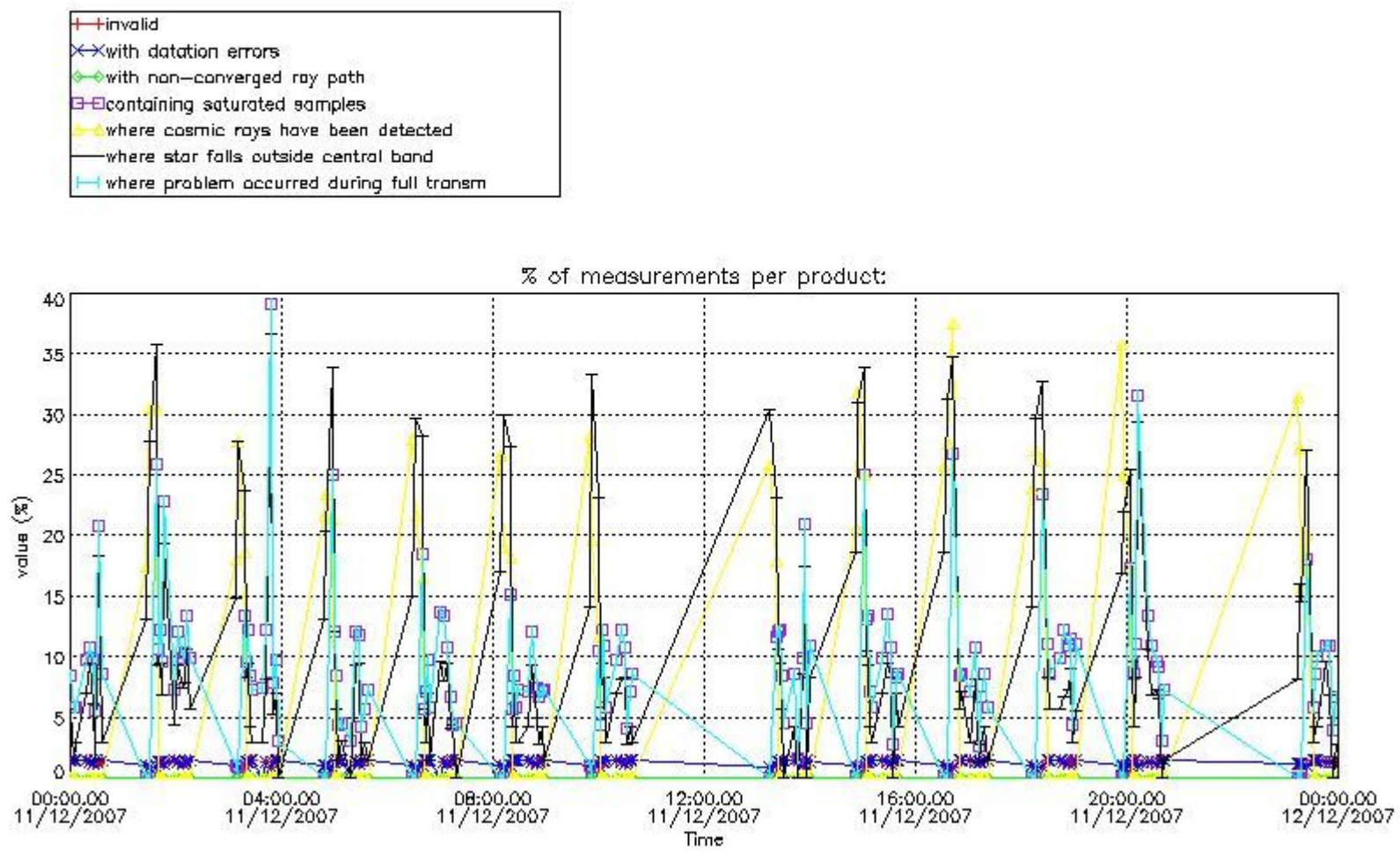
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

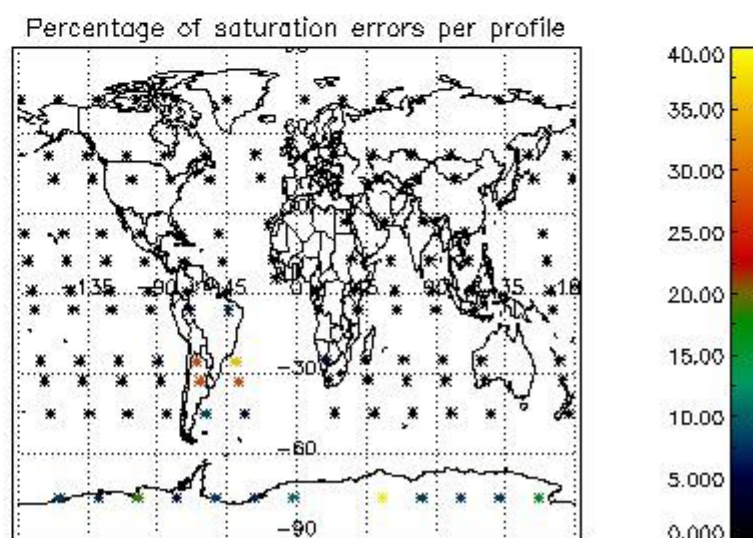
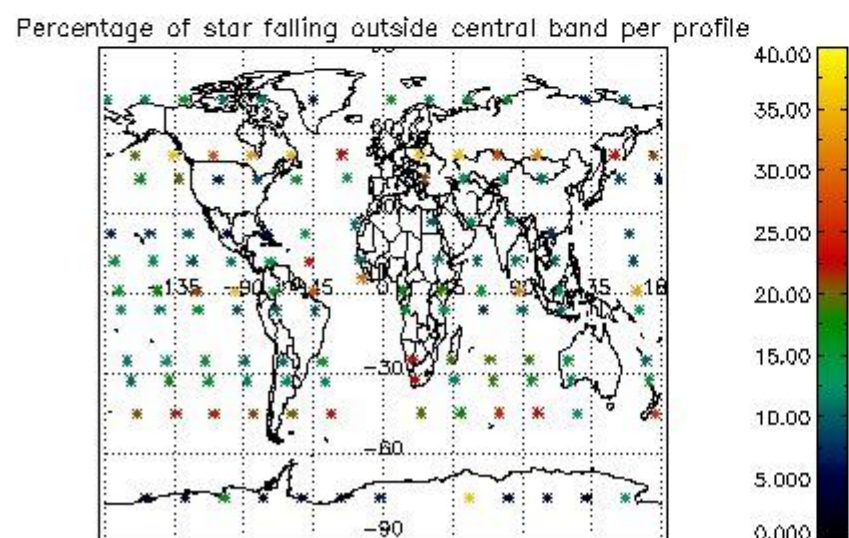
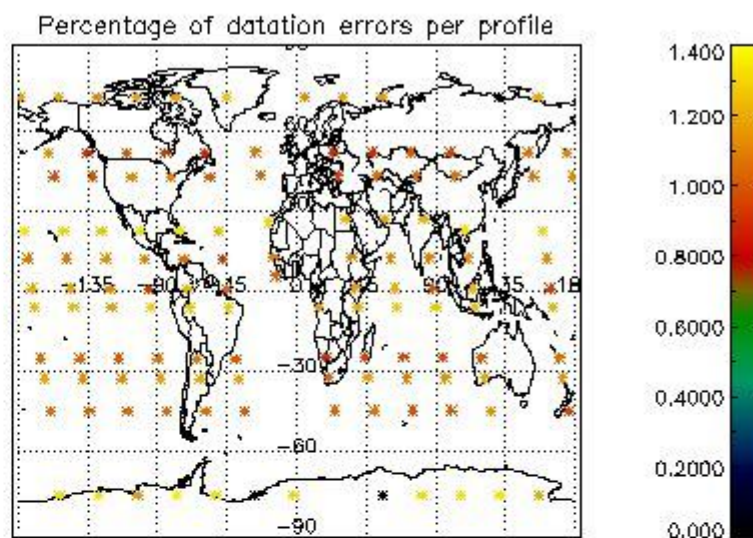
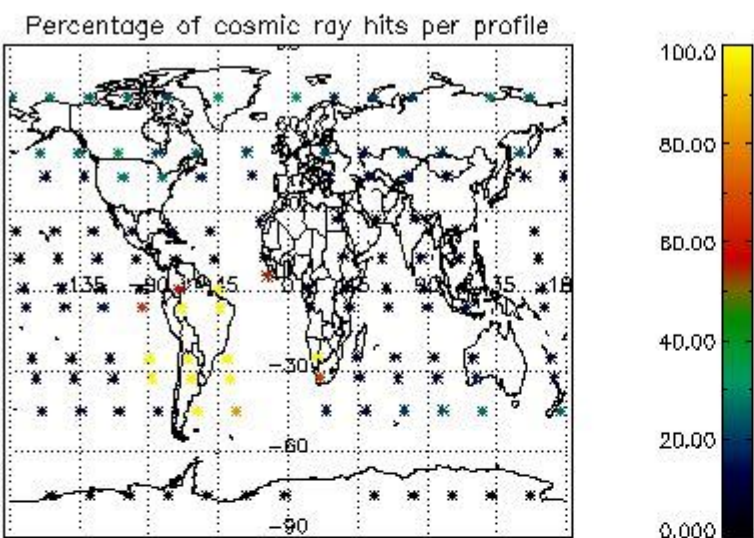


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

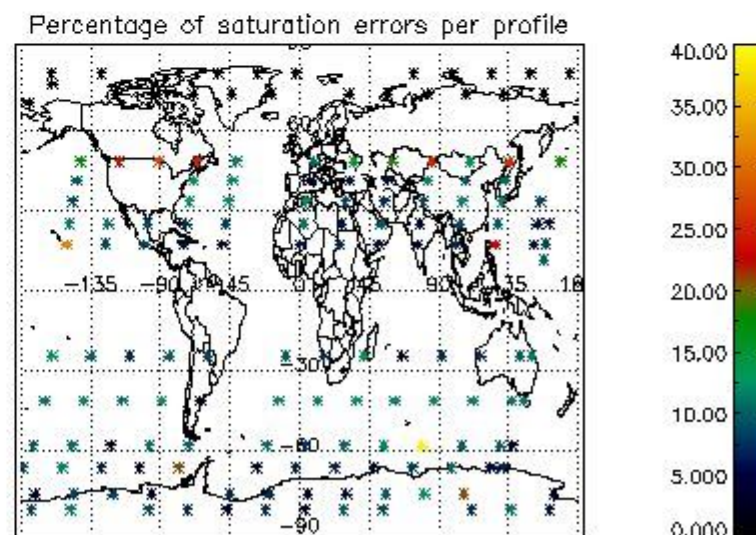
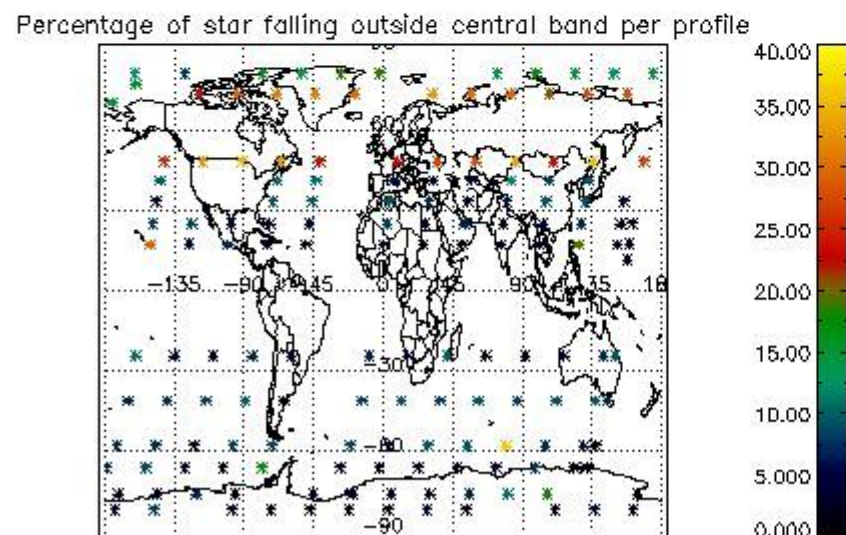
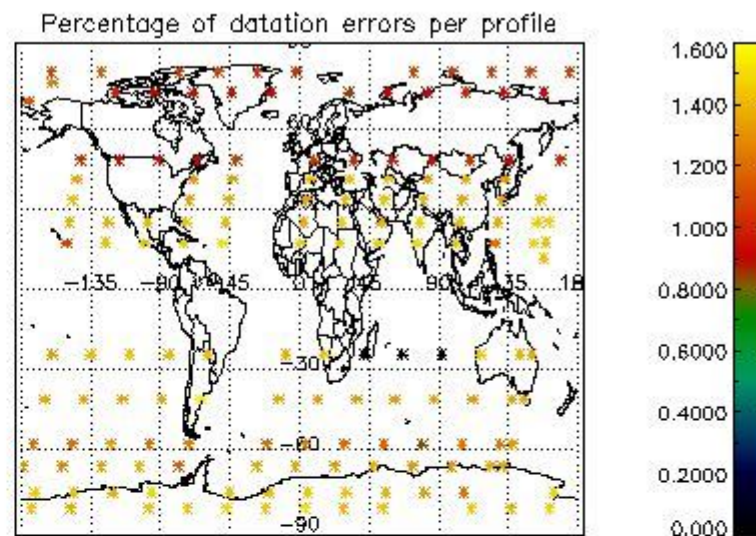
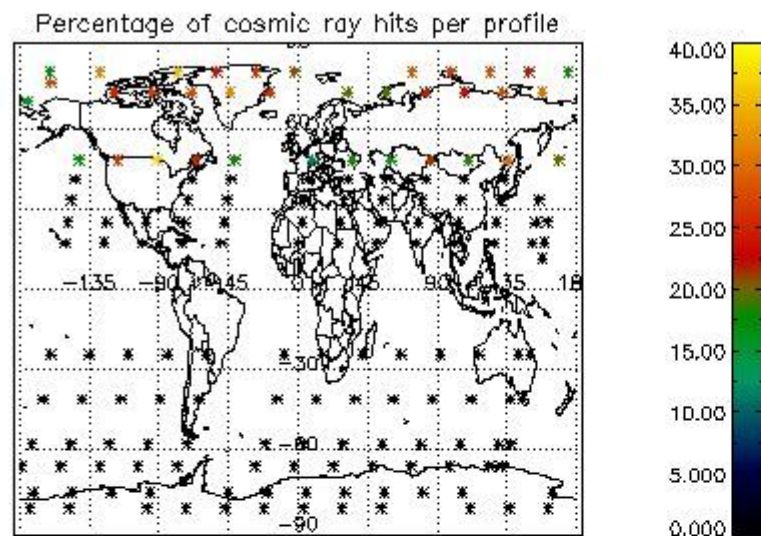


4.2 Plot quality information per product coming from level 1b processing (world map)

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

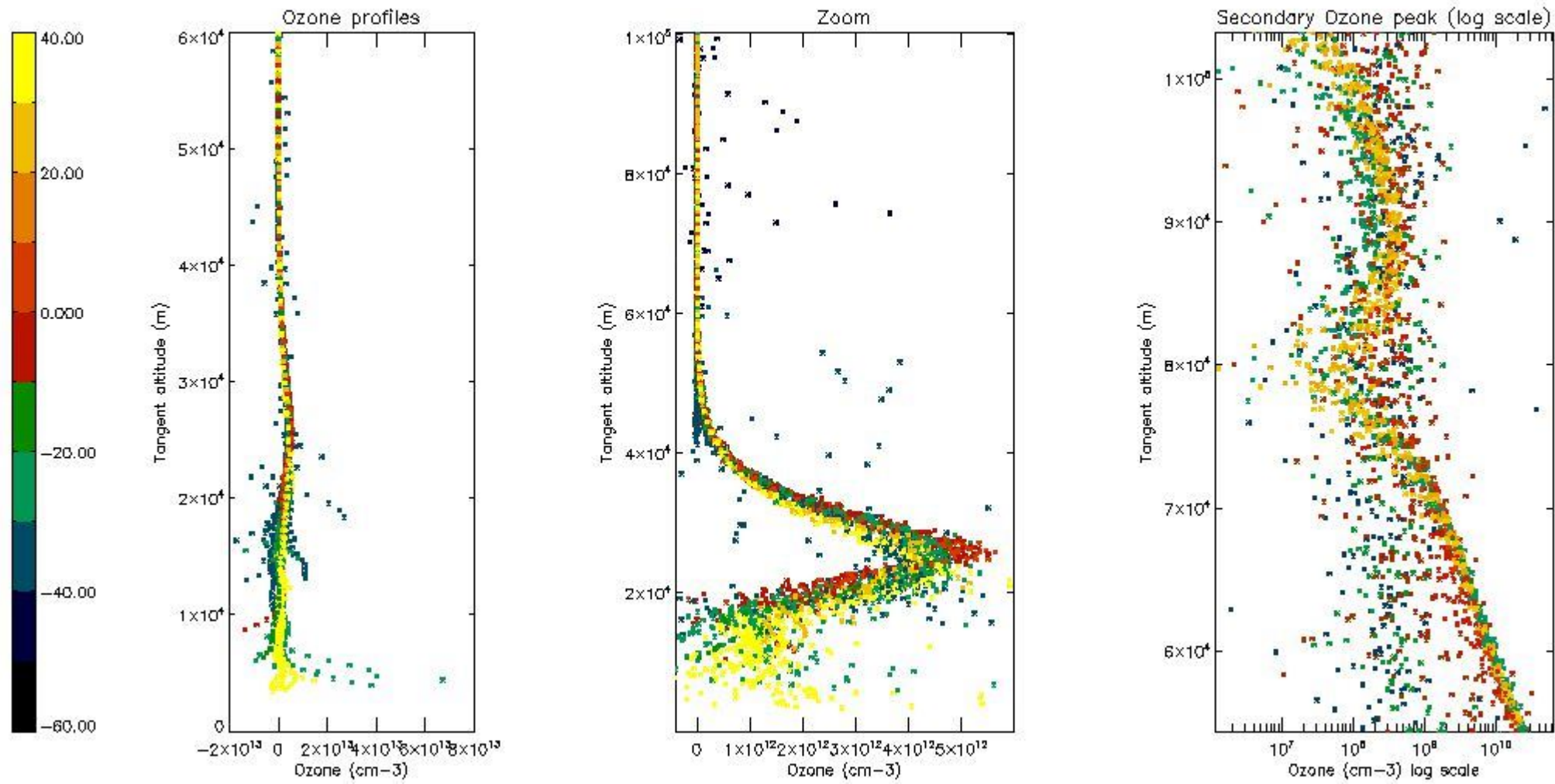
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	15

STD < 10	11
STD < 5	6

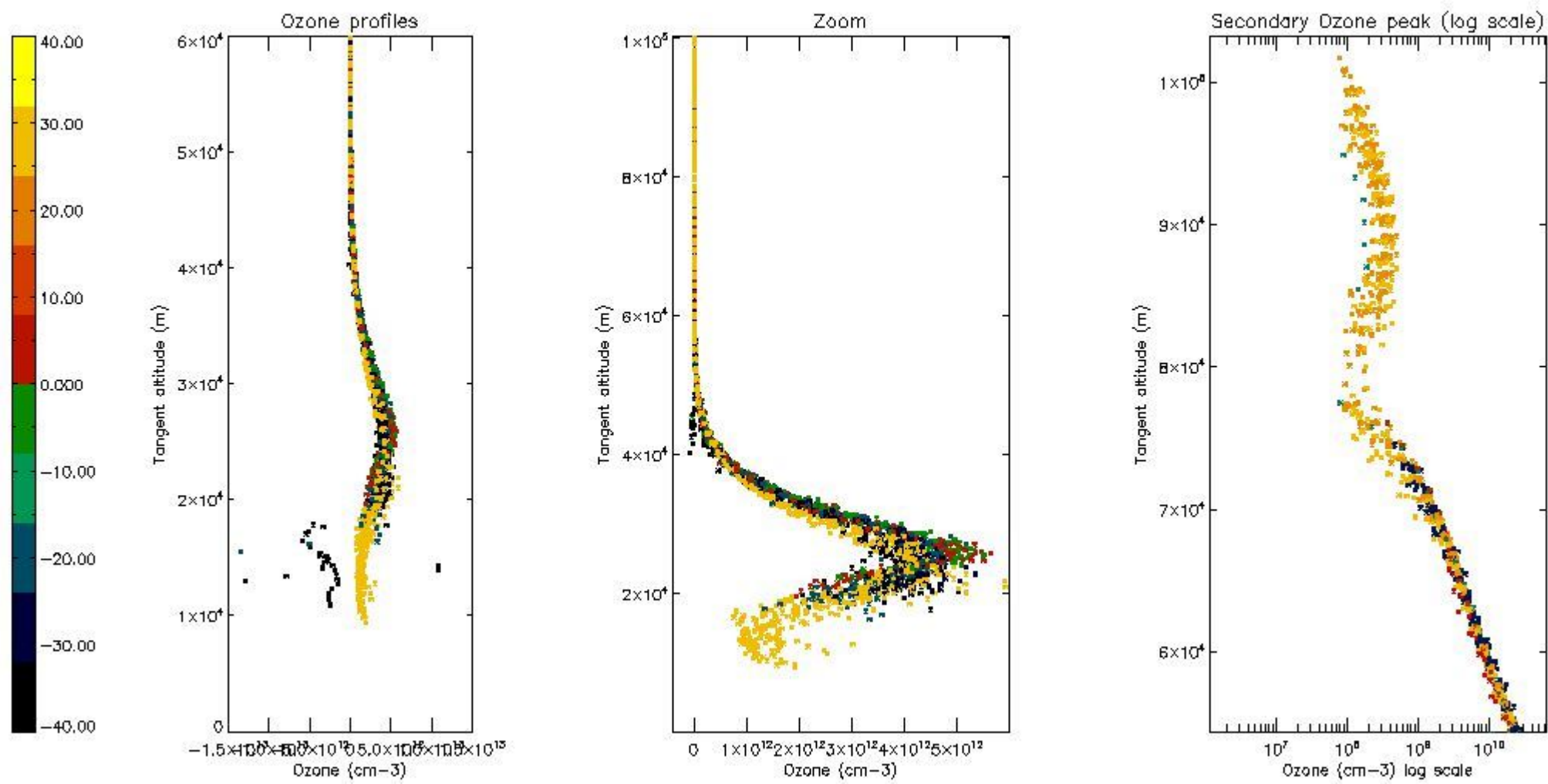
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



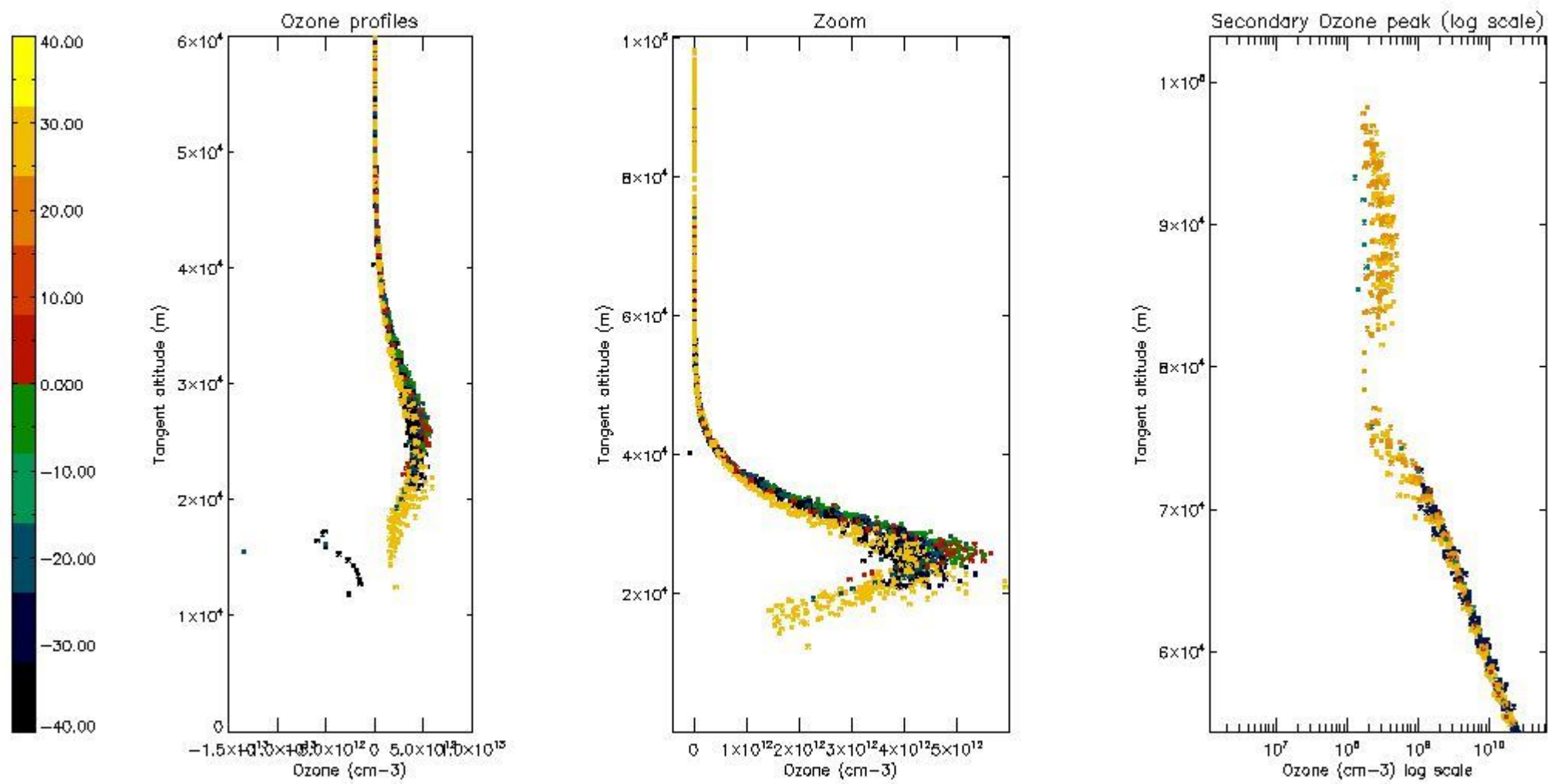
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



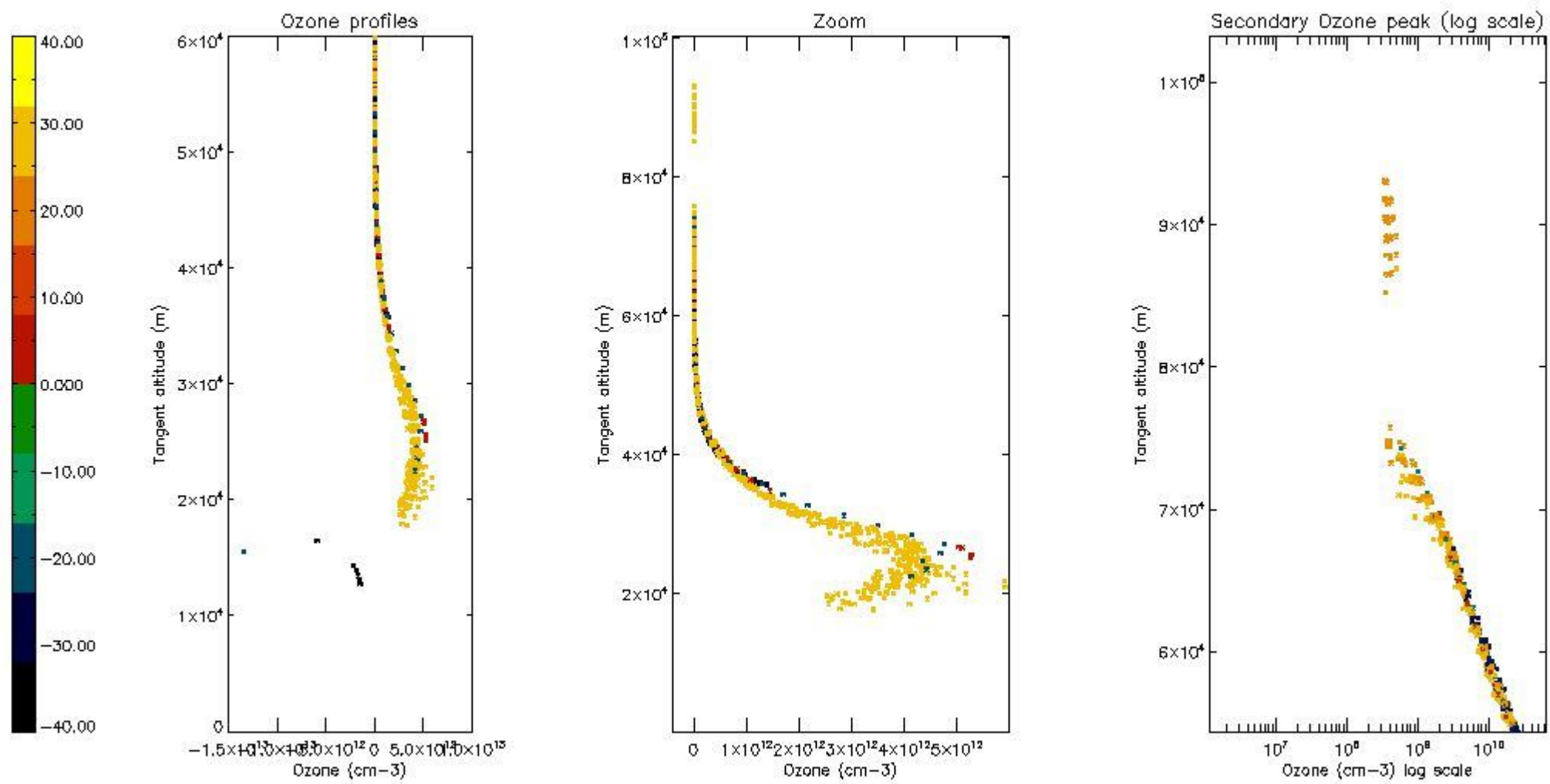
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



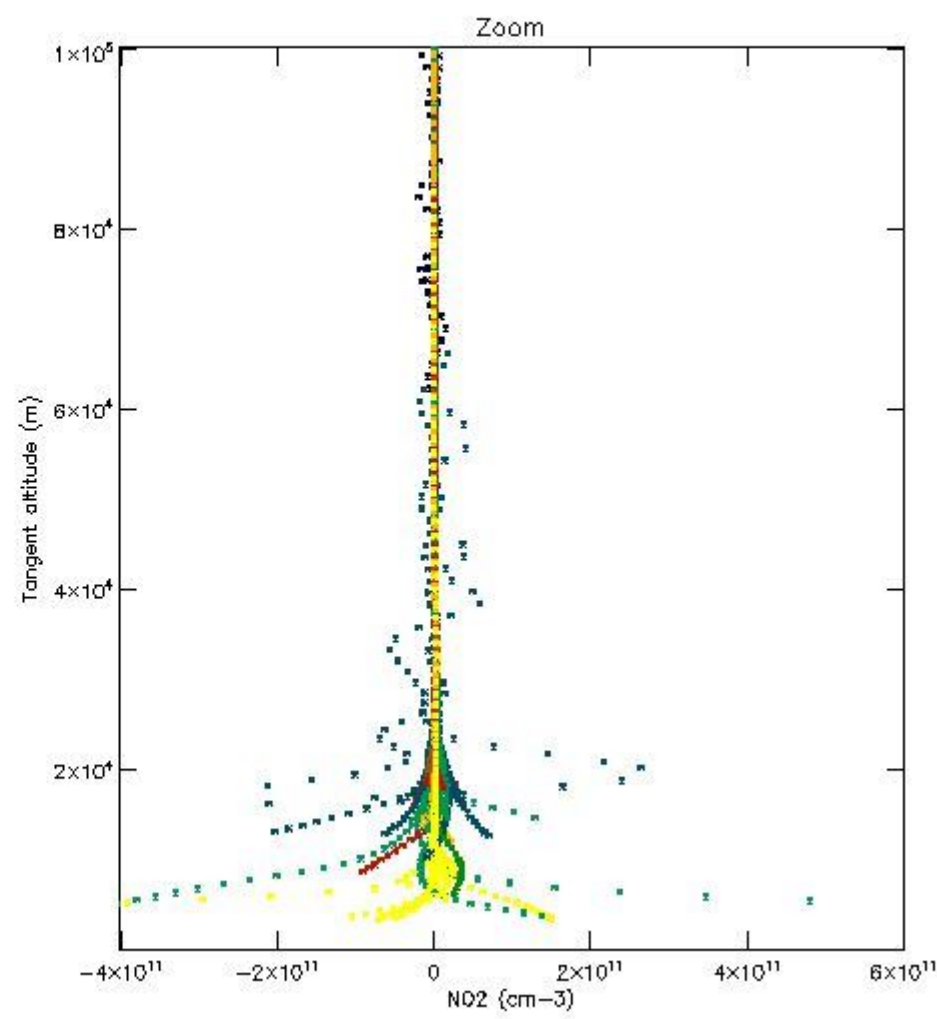
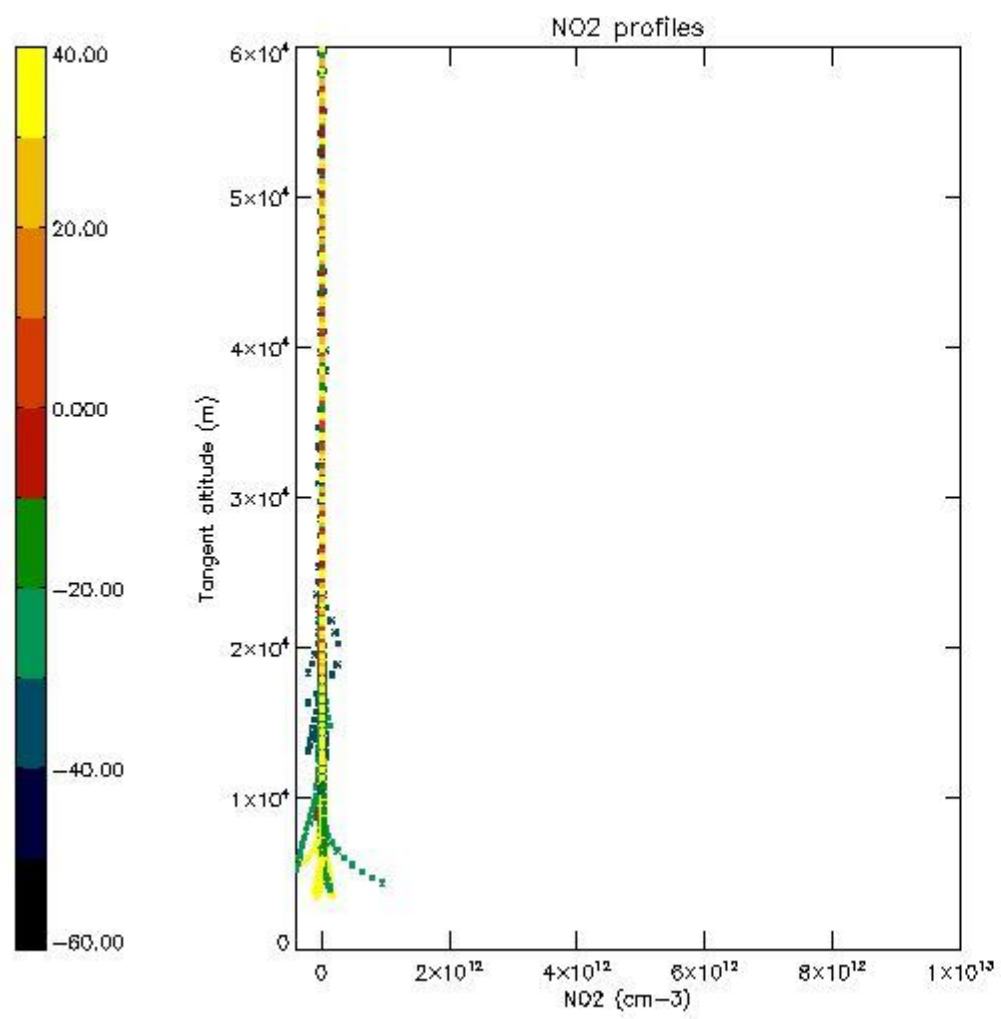
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



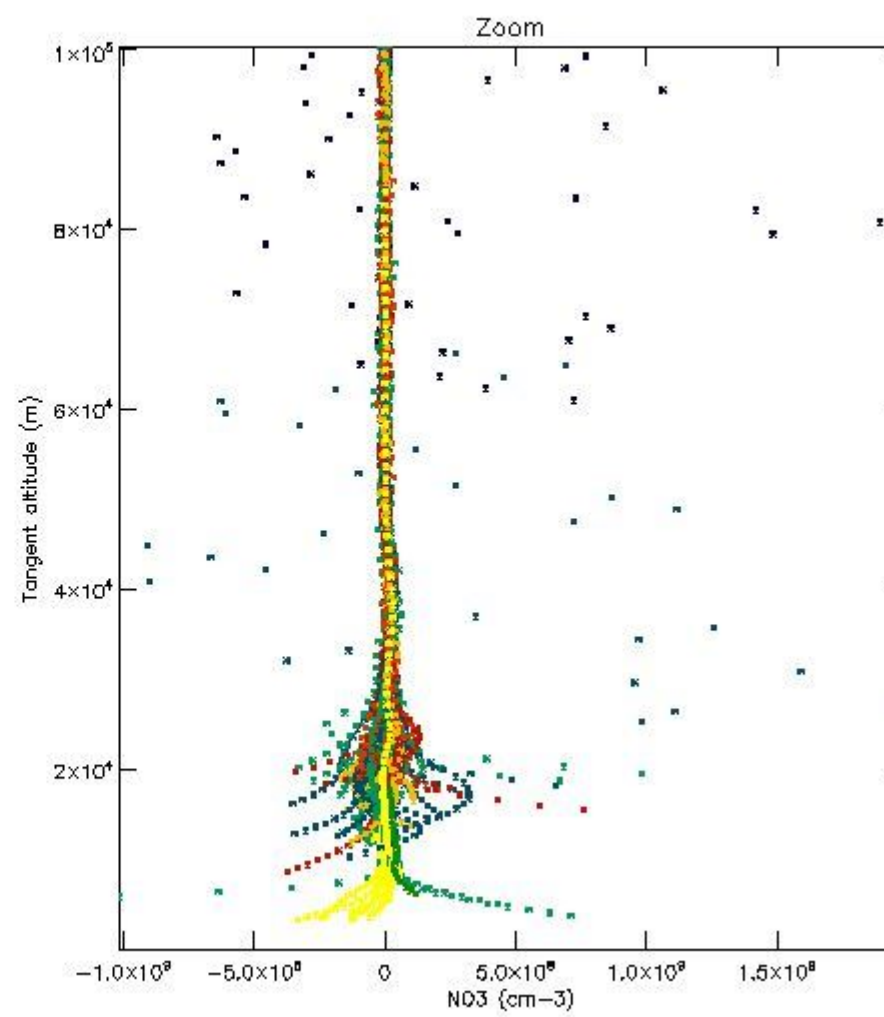
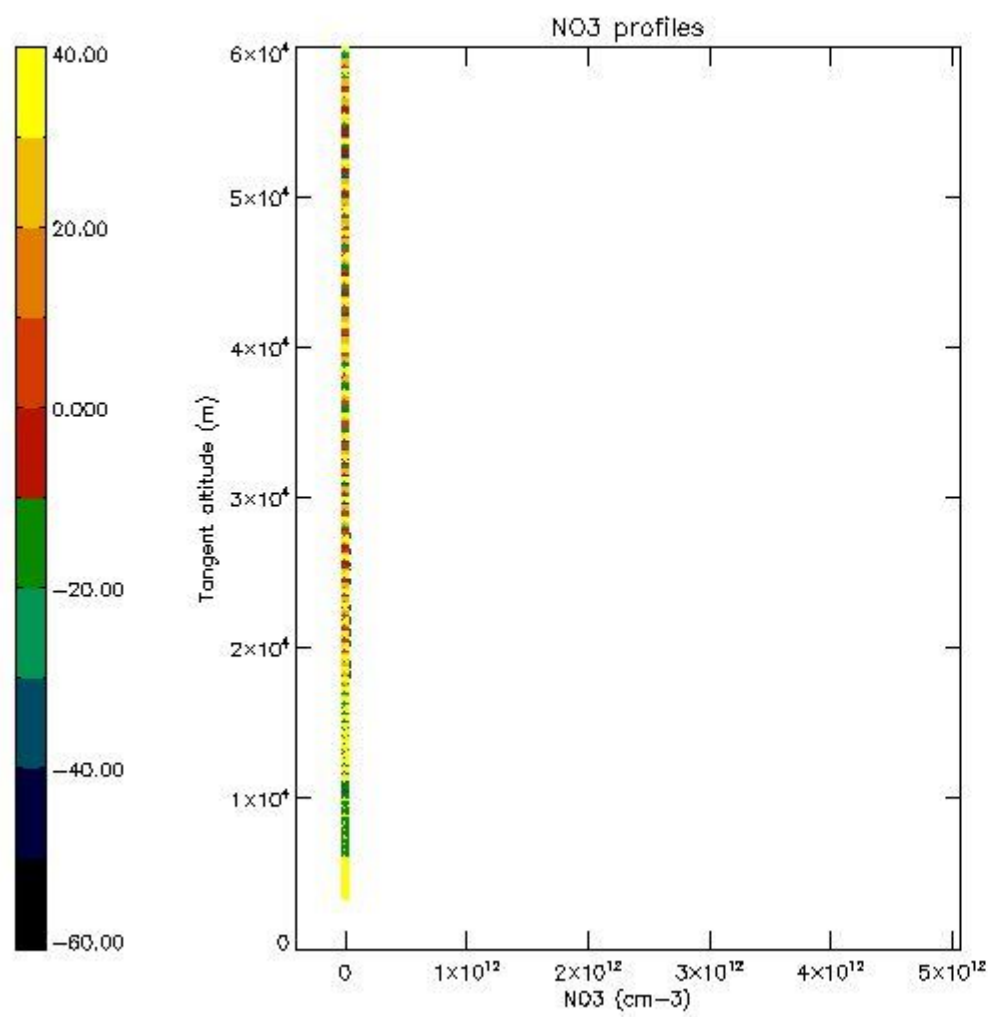
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



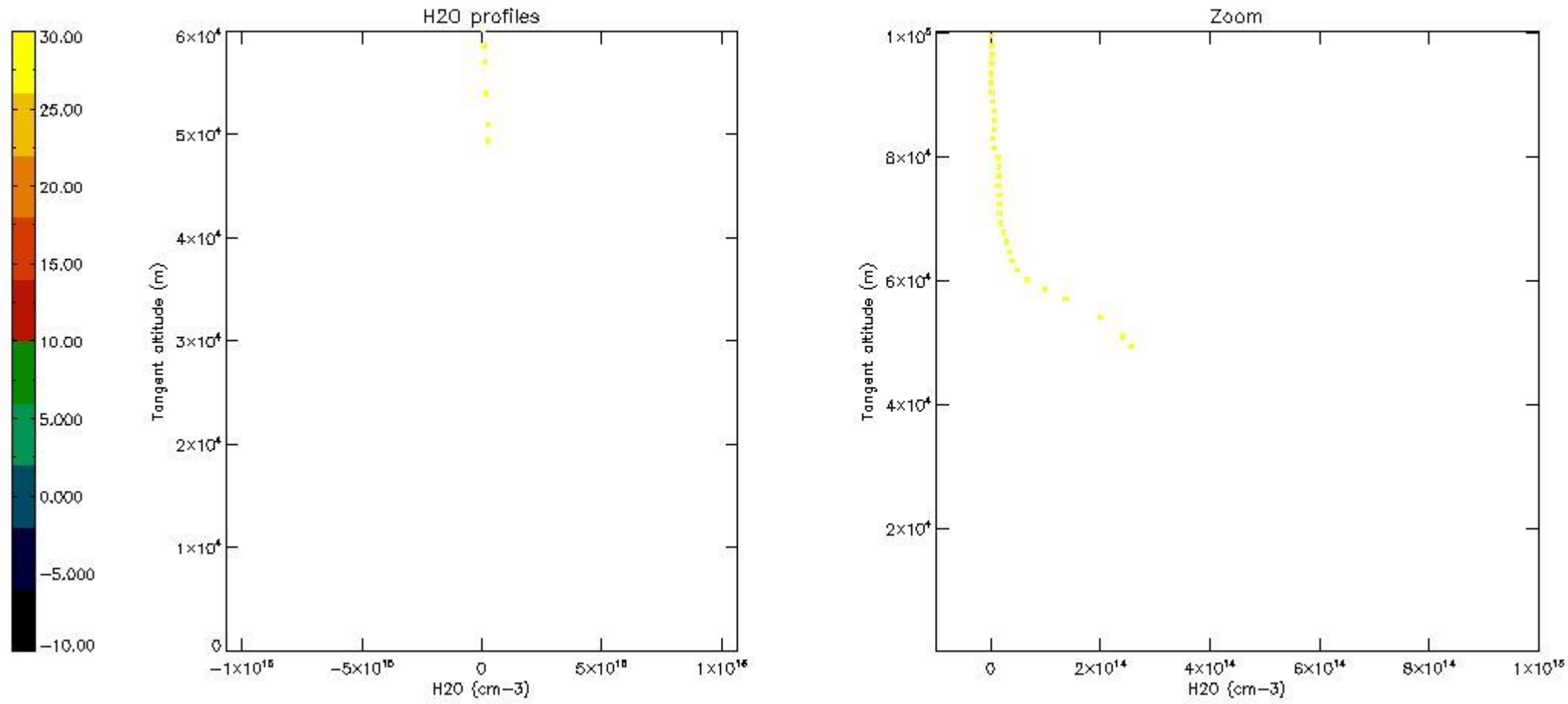
5.7 Plot NO3 profiles for all STD (dark without errors)

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	11-DEC-2007 00:00:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-DEC-2007 00:00:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-DEC-2007 00:00:50

GOMOS Level 2 Daily Report

SUMMARY

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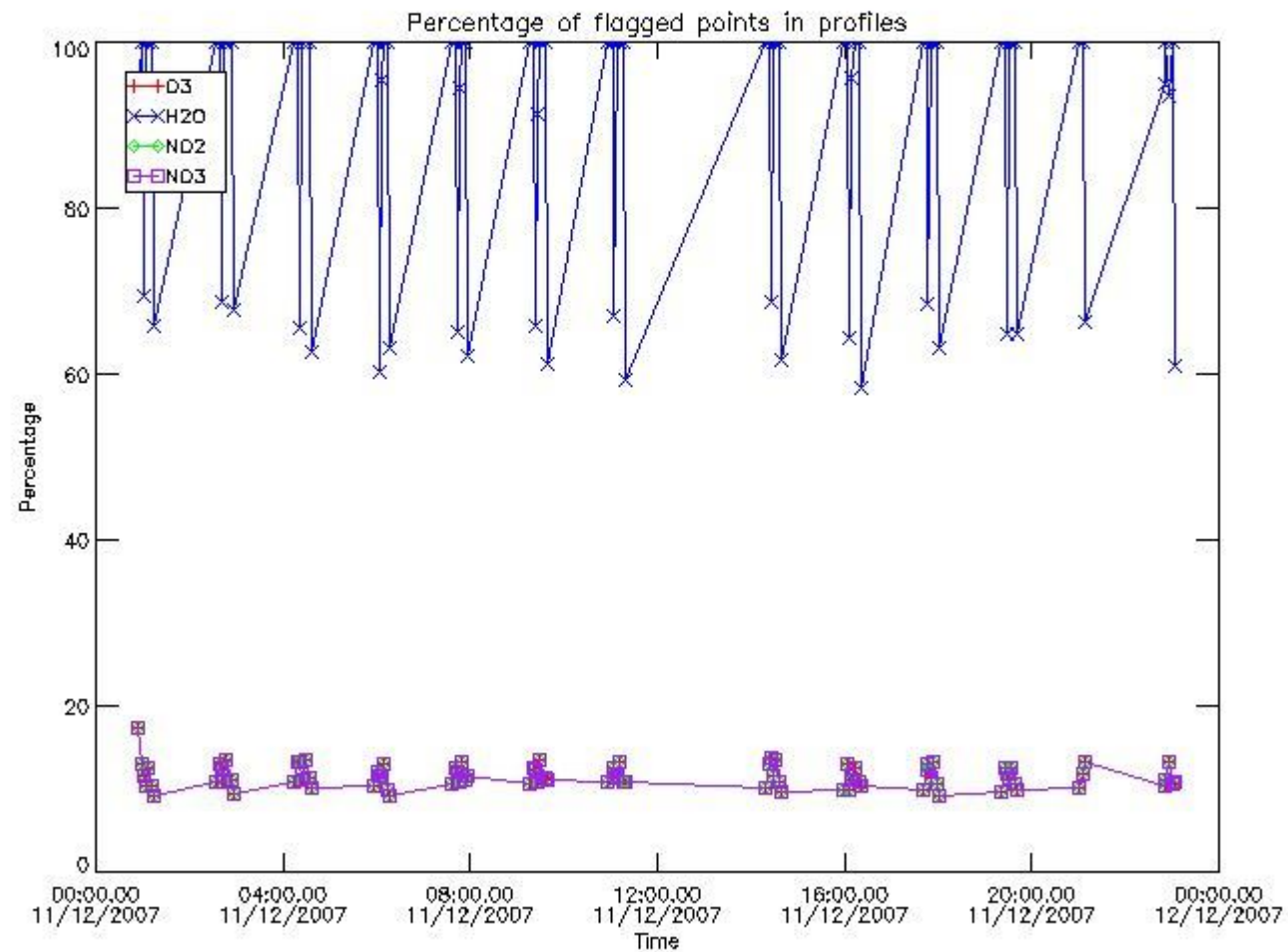
[6. Auxiliary Data Files used for the production reported in section 2](#)

279	GOM_NL__2PRFIN20071211_230029_000000492064_00116_30230_8075.N1	11-DEC-2007 23:00:29	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	30230	No
280	GOM_NL__2PRFIN20071211_230259_000000472064_00116_30230_8076.N1	11-DEC-2007 23:02:59	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	30230	No
281	GOM_NL__2PRFIN20071211_230907_000000402064_00116_30230_8077.N1	11-DEC-2007 23:09:07	Straylight	40.000	108	Alp Col	2.6520	15200.	80	30230	No
282	GOM_NL__2PRFIN20071211_231417_000000432064_00116_30230_8078.N1	11-DEC-2007 23:14:17	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	30230	No
283	GOM_NL__2PRFIN20071211_231619_000000412064_00116_30230_8079.N1	11-DEC-2007 23:16:19	Straylight	40.500	165	34Gam Eri	2.9500	3200.0	81	30230	No
284	GOM_NL__2PRFIN20071211_231829_000000452064_00116_30230_8080.N1	11-DEC-2007 23:18:29	Straylight	44.500	128	67Bet Eri	2.7840	9700.0	89	30230	No
285	GOM_NL__2PRFIN20071211_232458_000000502064_00116_30230_8081.N1	11-DEC-2007 23:24:58	Twilight_stray	50.000	13	87Alp Tau	0.86700	3800.0	100	30230	No
286	GOM_NL__2PRFIN20071211_233132_000000342064_00116_30230_8082.N1	11-DEC-2007 23:31:32	Bright	34.000	149	45Eps Per	2.8880	30000.	68	30230	No
287	GOM_NL__2PRFIN20071211_233341_000000352064_00116_30230_8083.N1	11-DEC-2007 23:33:41	Bright	35.000	175	39Del Per	3.0100	19400.	70	30230	No
288	GOM_NL__2PRFIN20071211_233520_000000352064_00116_30230_8084.N1	11-DEC-2007 23:35:20	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	30230	No
289	GOM_NL__2PRFIN20071211_234523_000000372064_00116_30230_8085.N1	11-DEC-2007 23:45:23	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30230	No
290	GOM_NL__2PRFIN20071211_235006_000000372064_00116_30230_8086.N1	11-DEC-2007 23:50:06	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	30230	No
291	GOM_NL__2PRFIN20071211_235456_000000382064_00116_30230_8087.N1	11-DEC-2007 23:54:56	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30230	No
292	GOM_NL__2PRFIN20071211_235721_000000372064_00116_30230_8088.N1	11-DEC-2007 23:57:21	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30230	No

3. Quality information per product

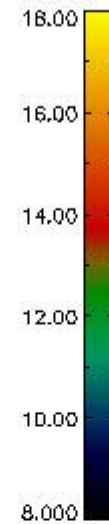
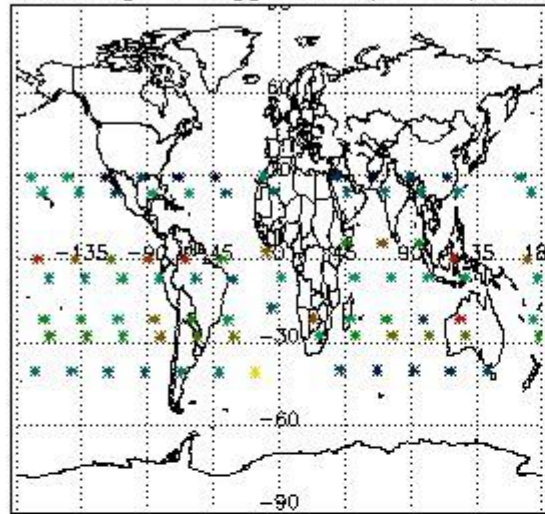
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

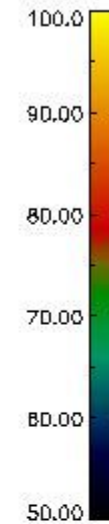
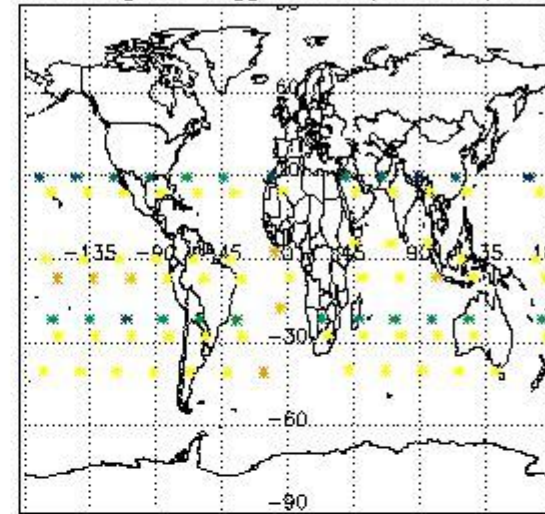


3.2 Plot quality information per product (world map)

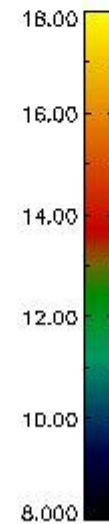
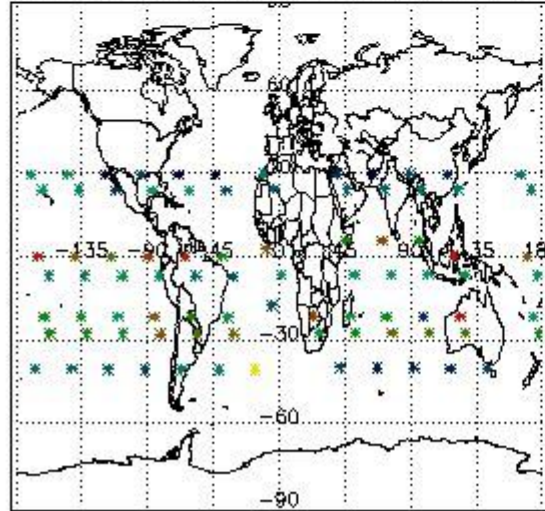
Percentage of flagged data per O3 profile



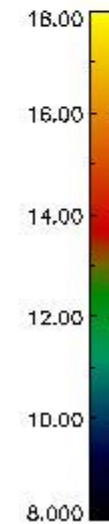
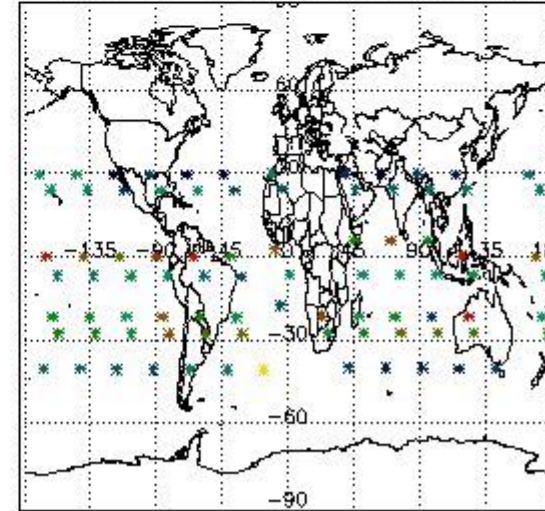
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

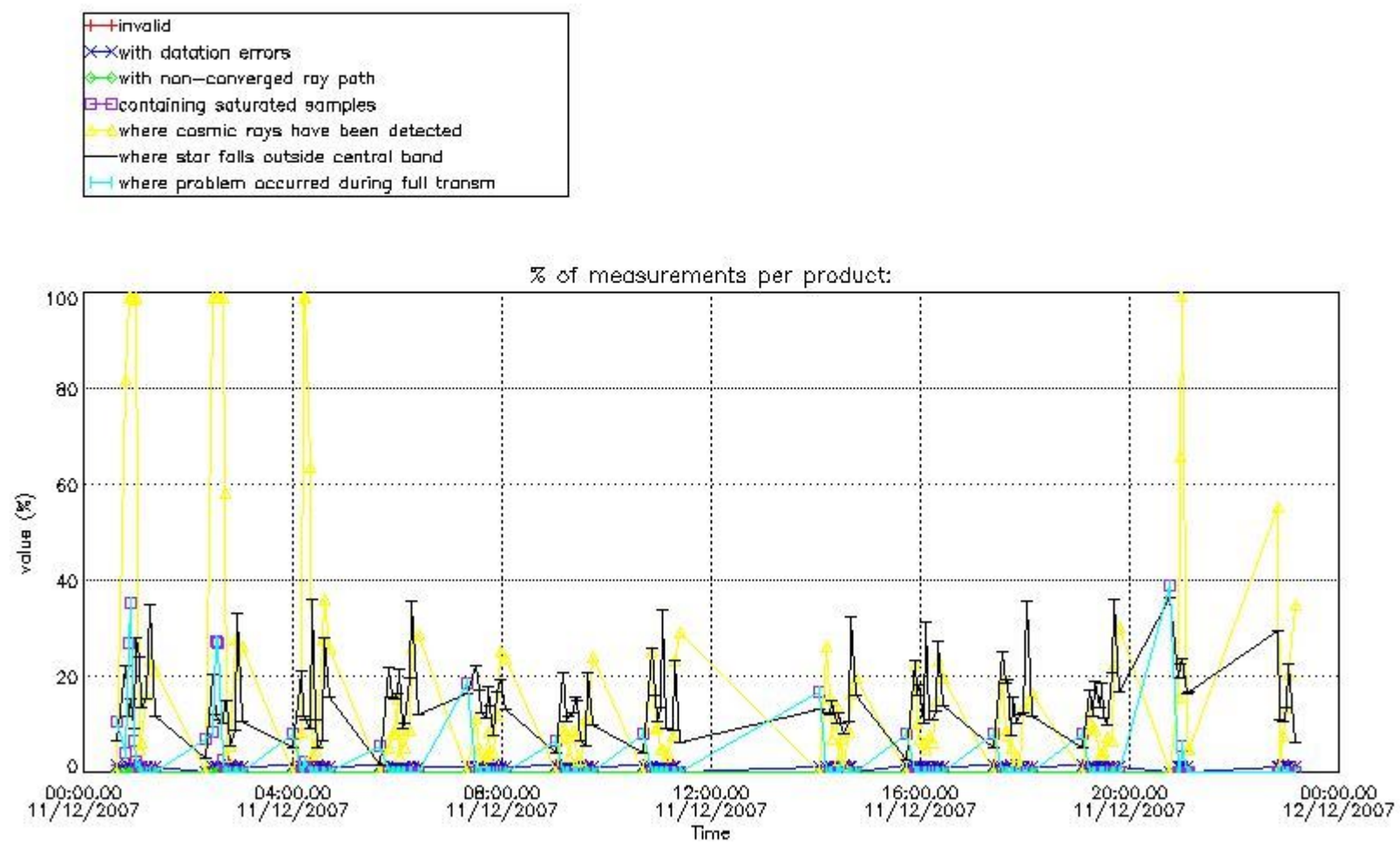


4. Level 1 quality information per product

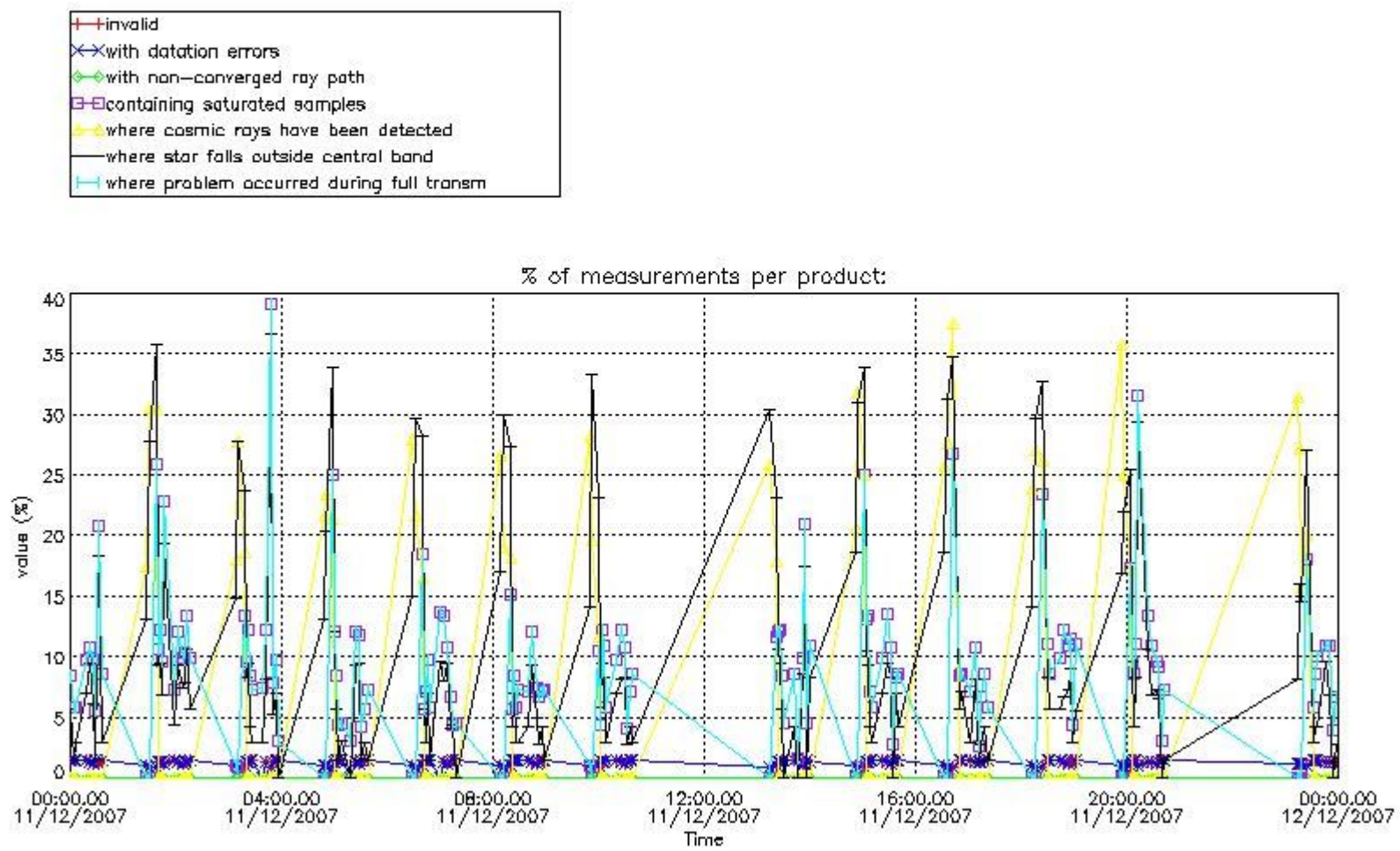
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

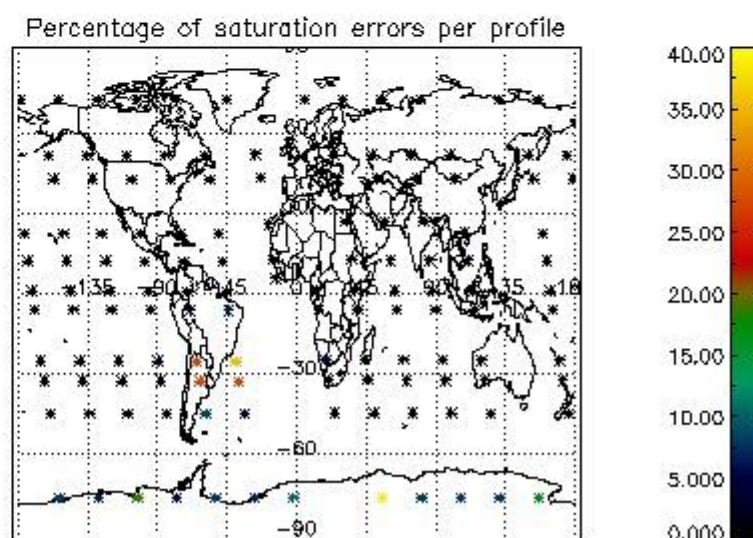
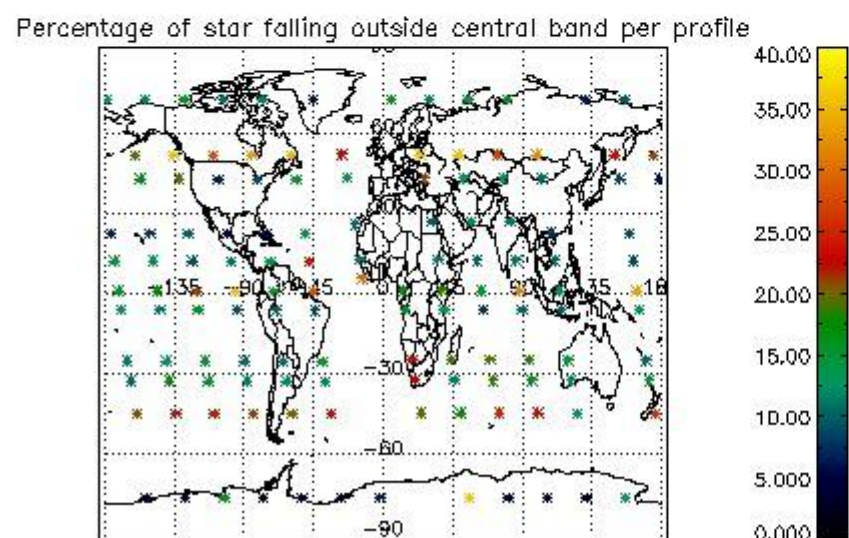
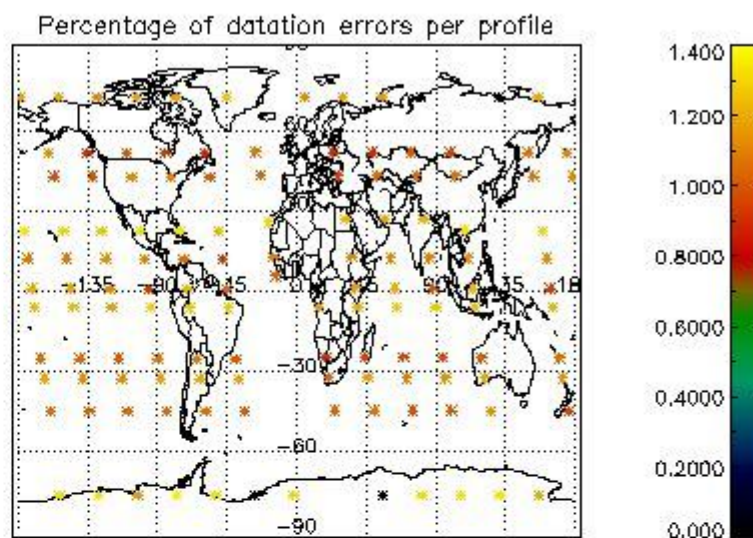
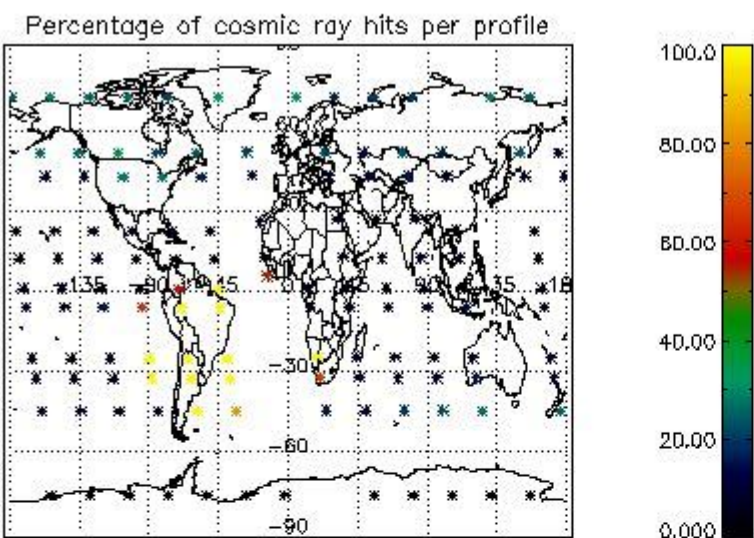


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

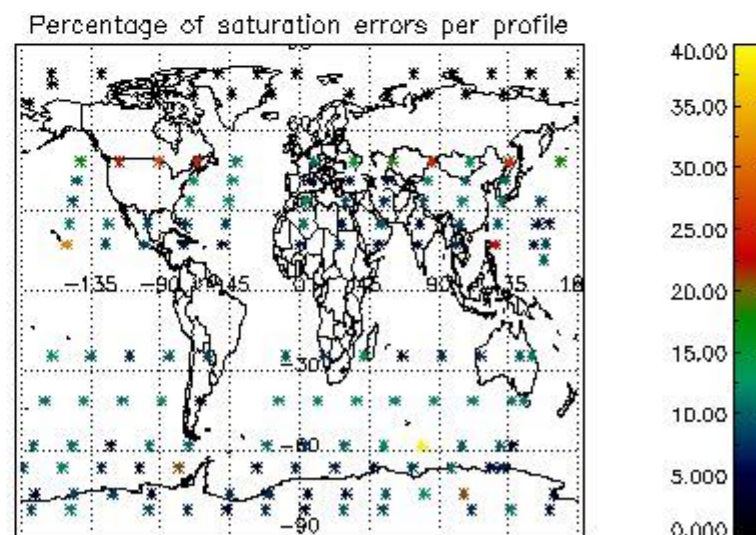
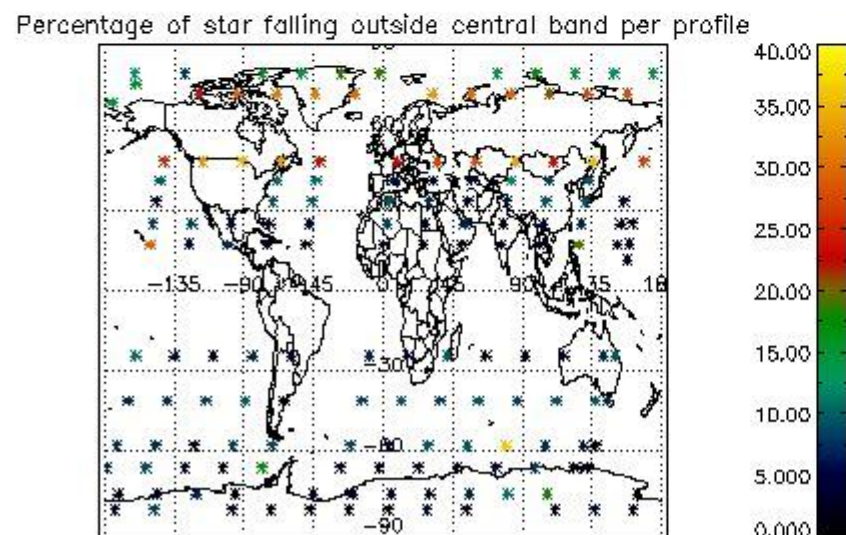
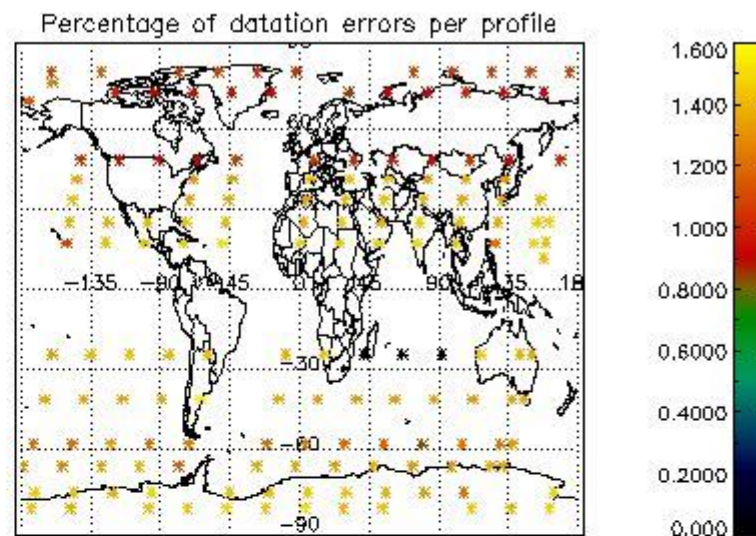
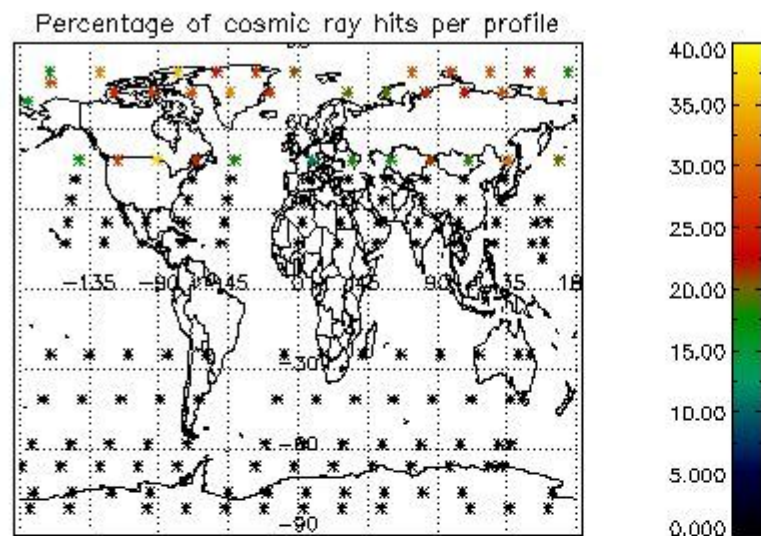


4.2 Plot quality information per product coming from level 1b processing (world map)

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

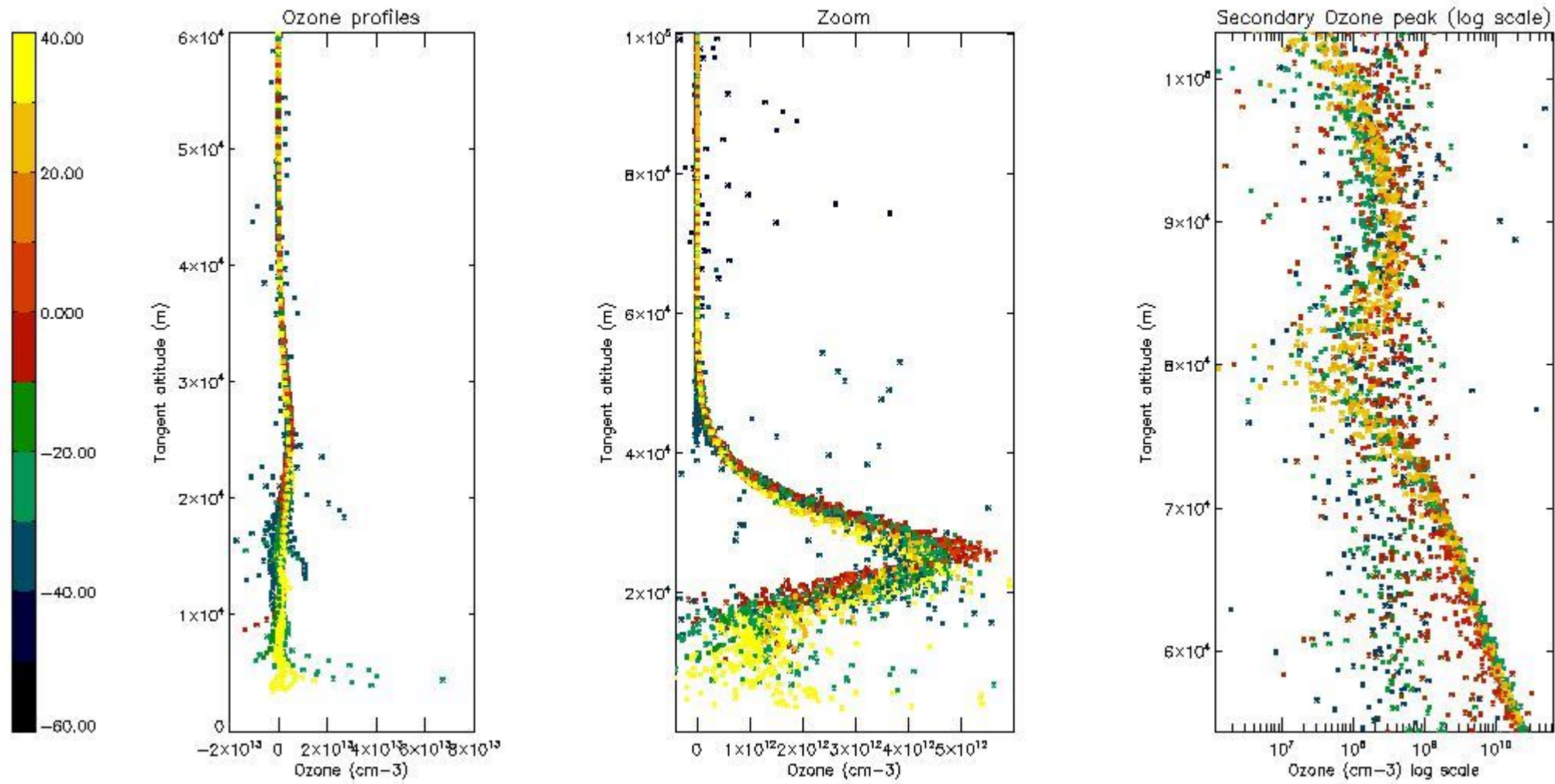
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	15

STD < 10	11
STD < 5	6

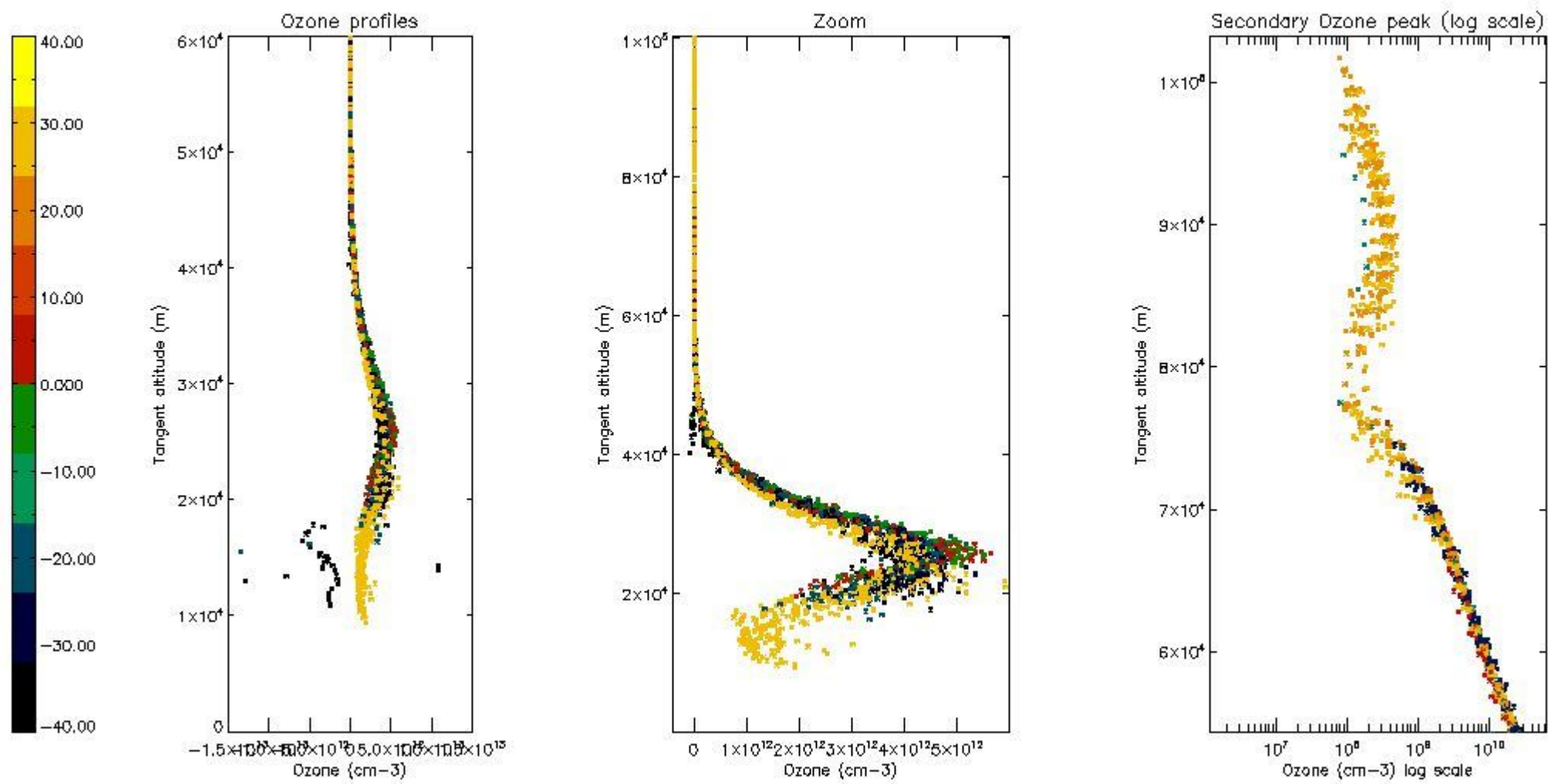
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



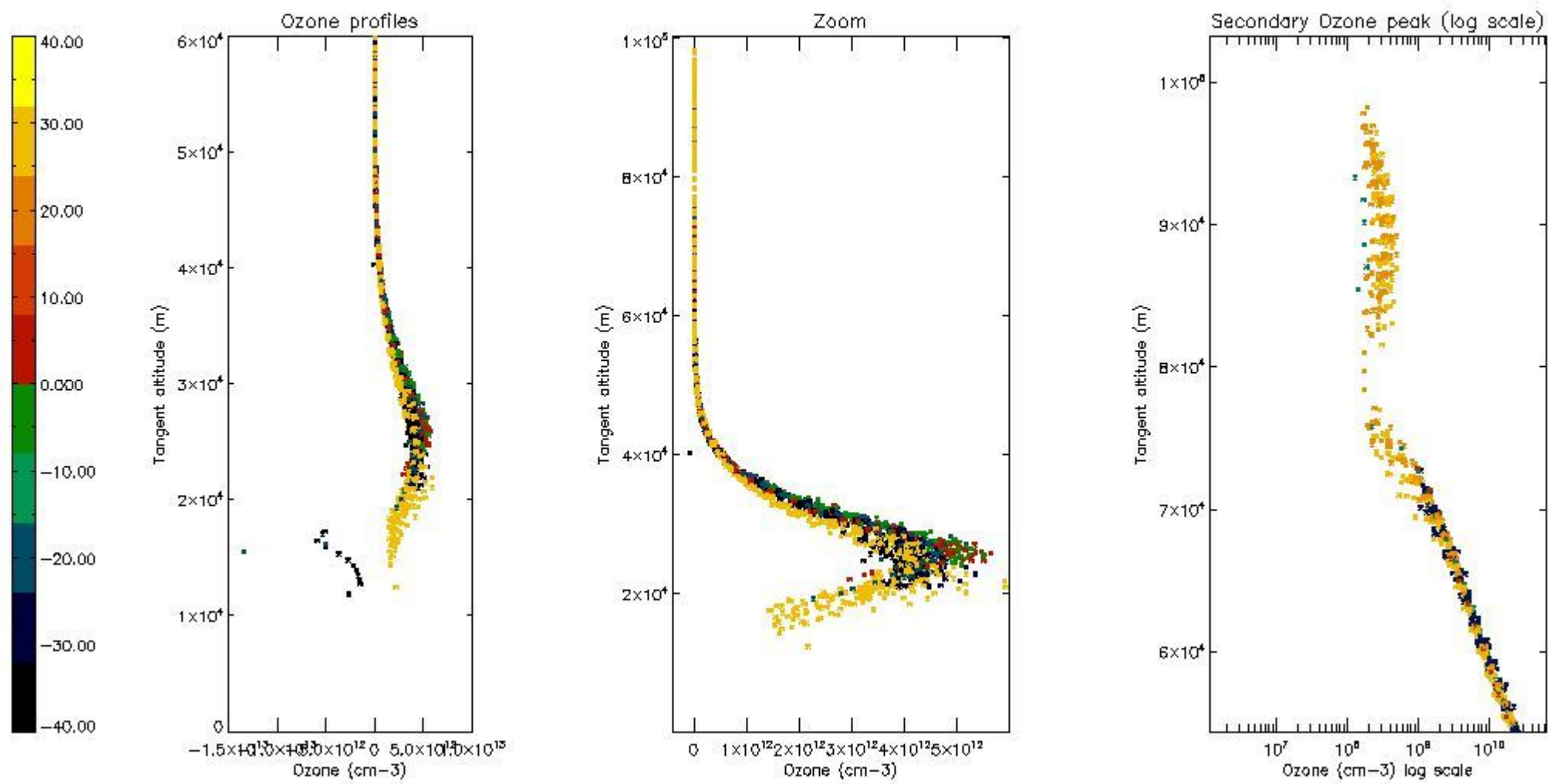
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



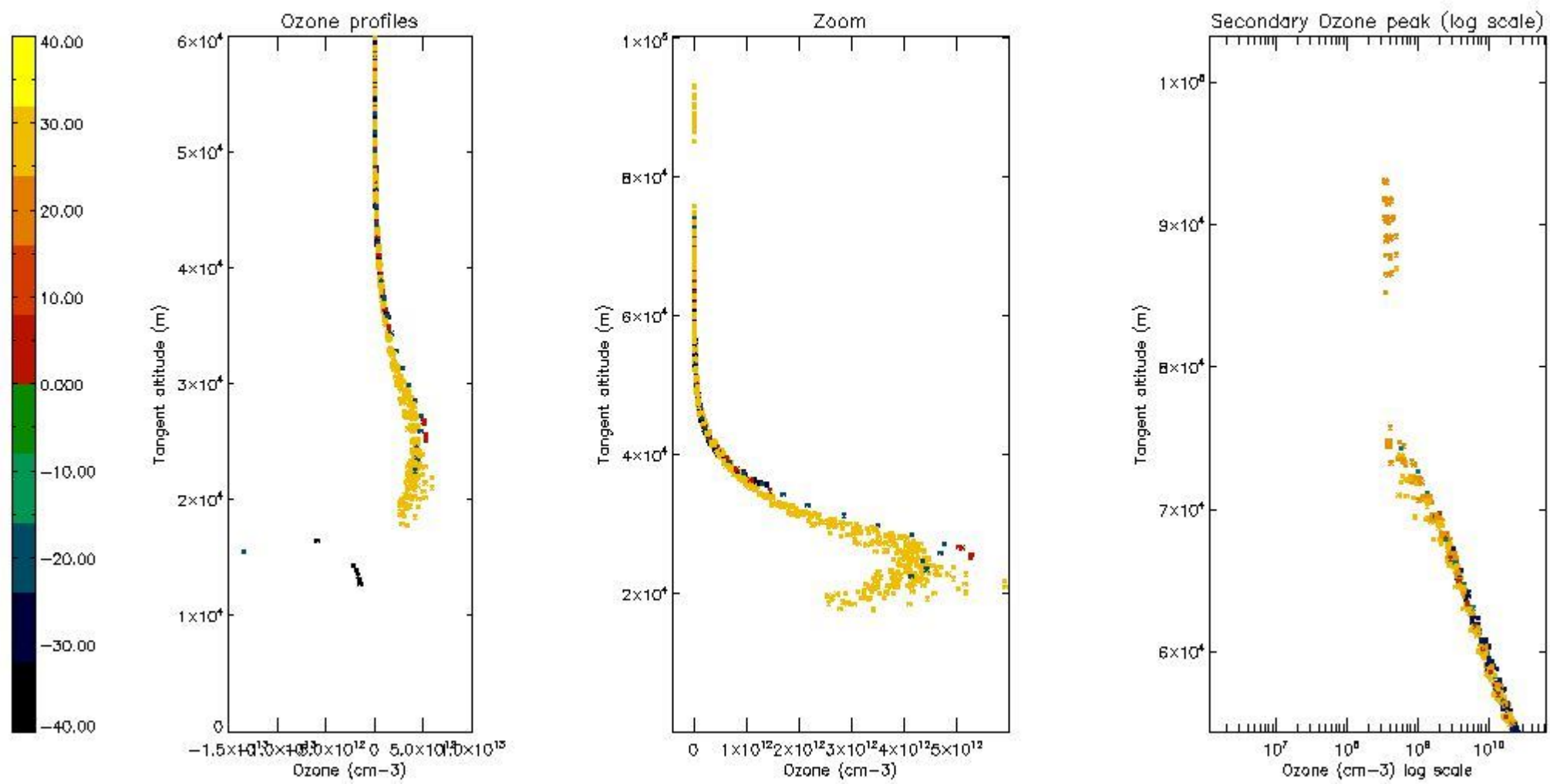
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



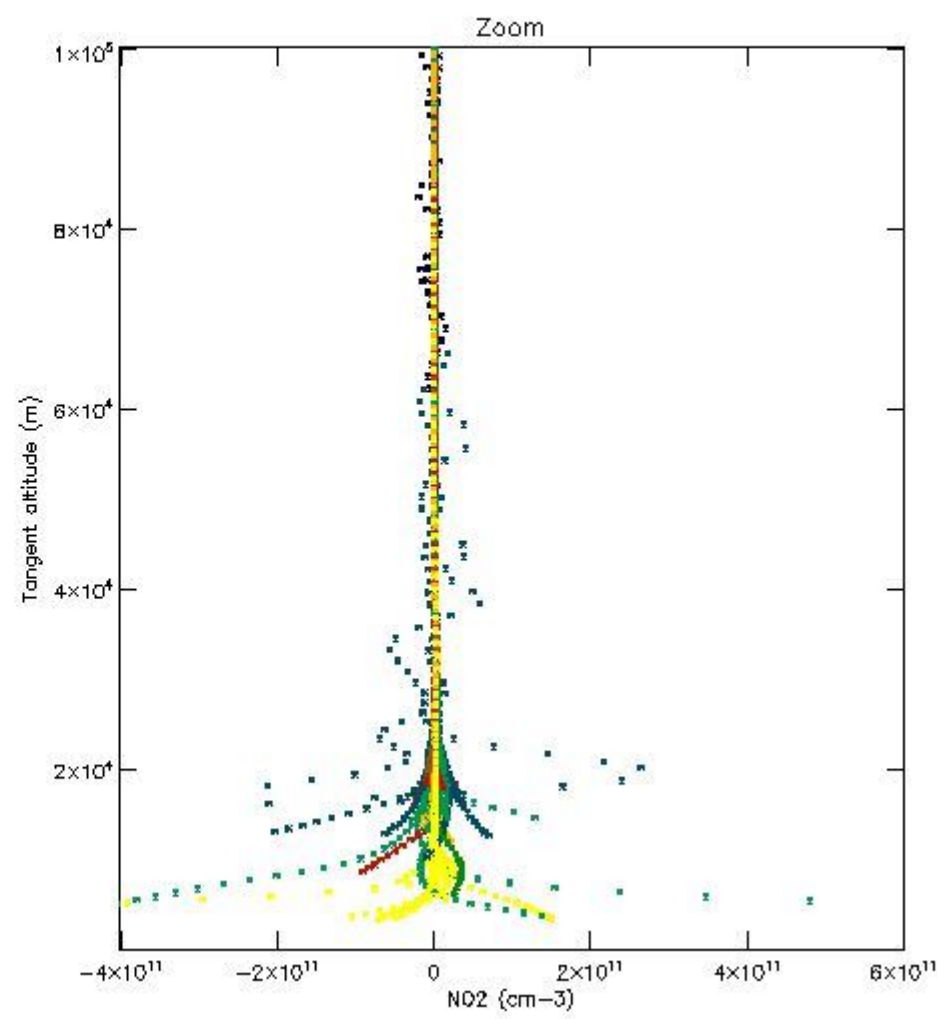
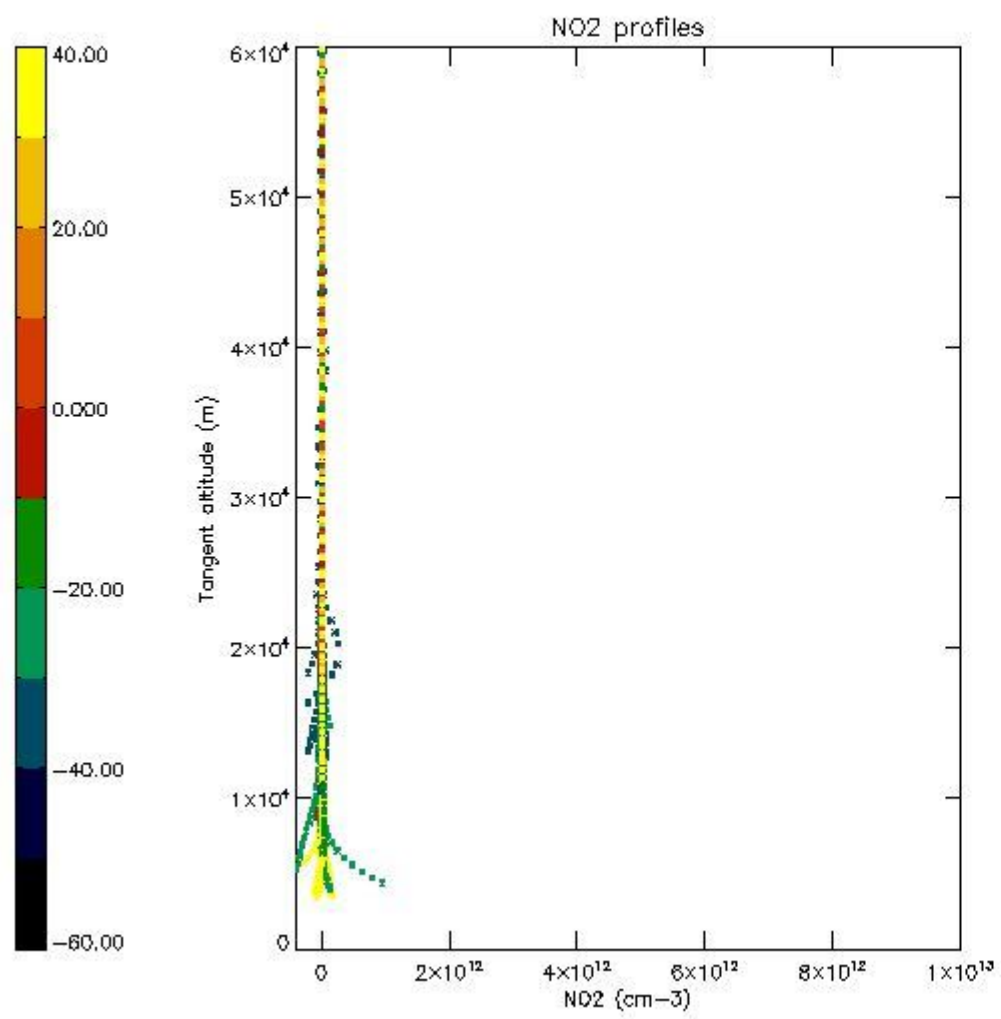
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



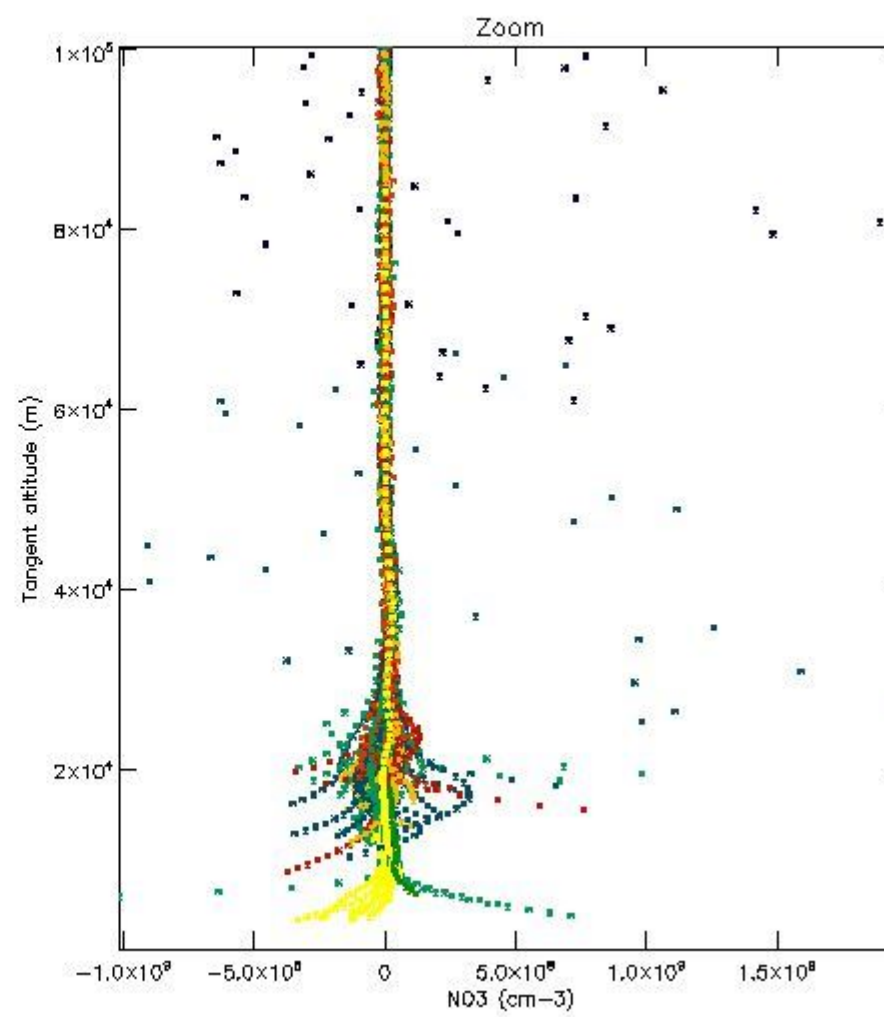
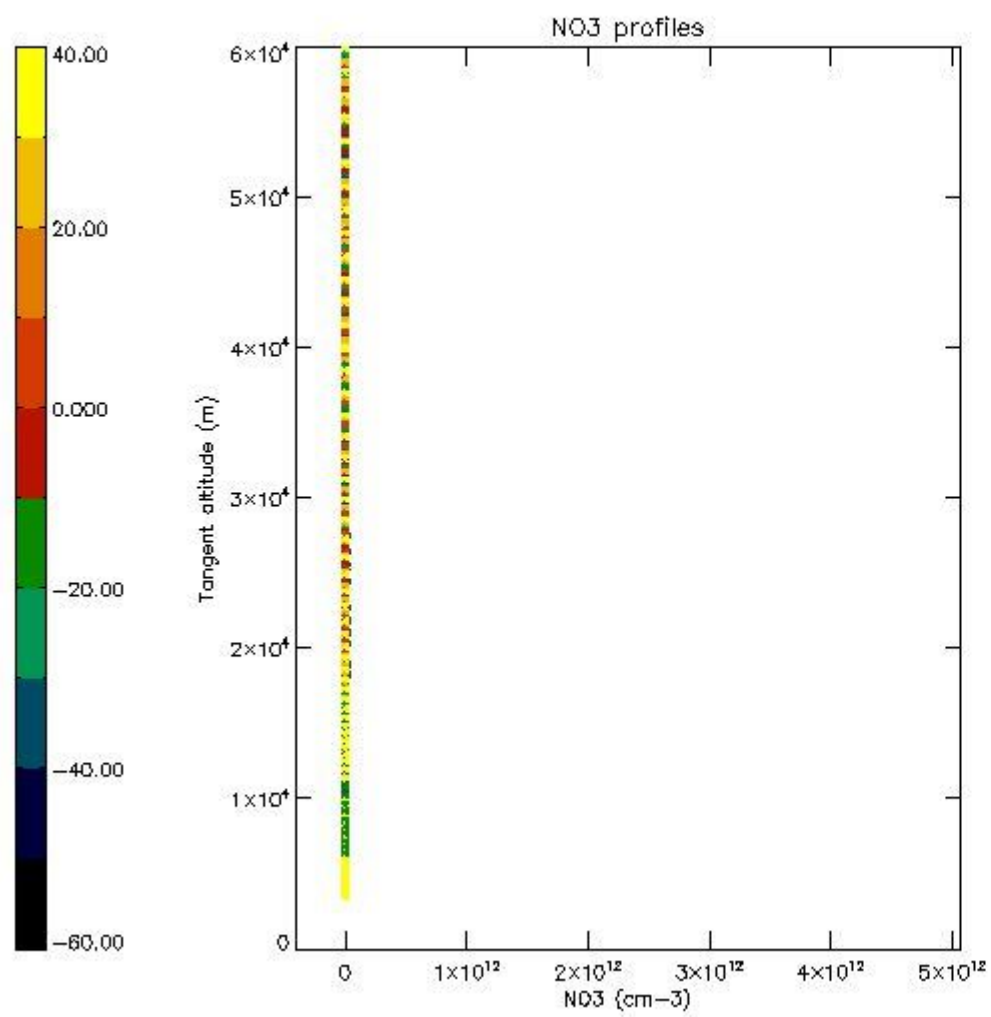
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



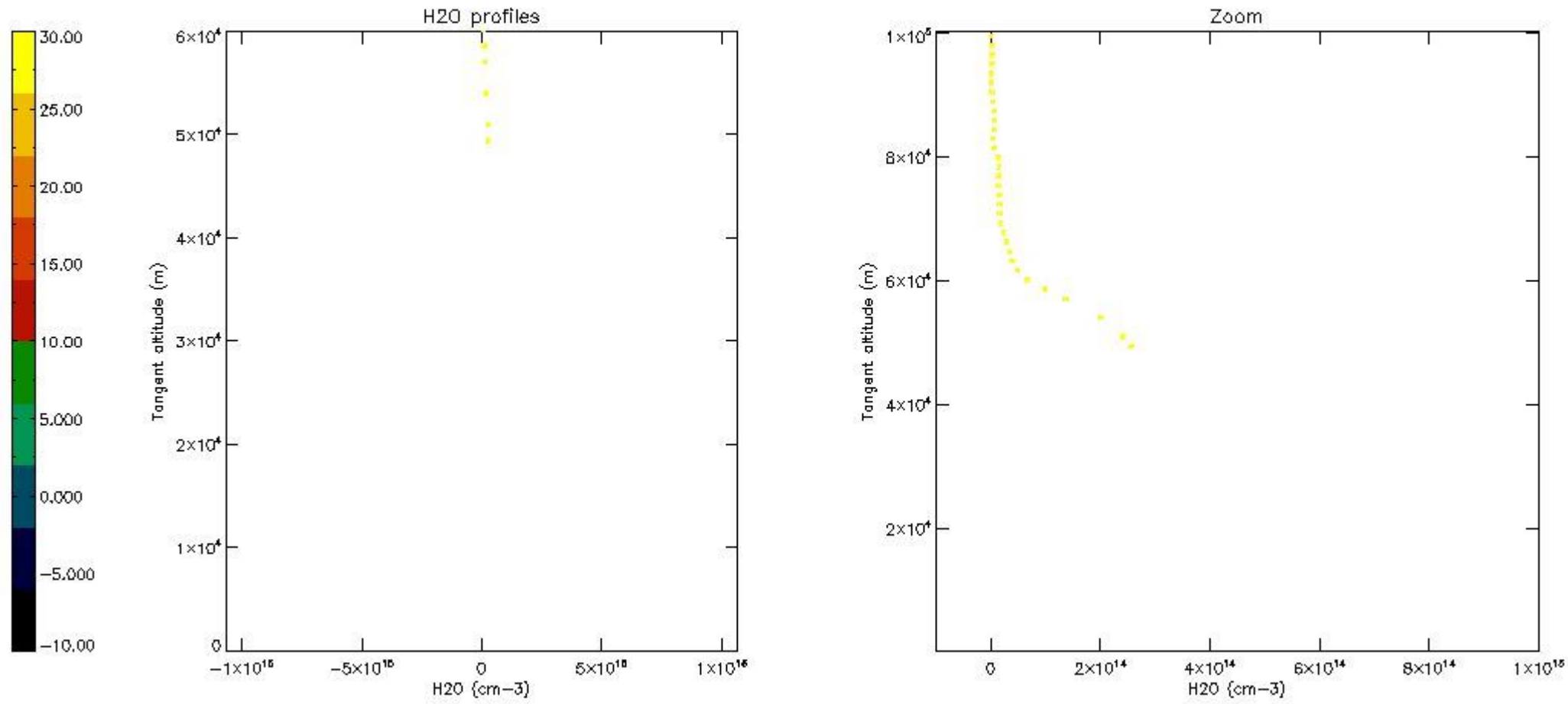
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

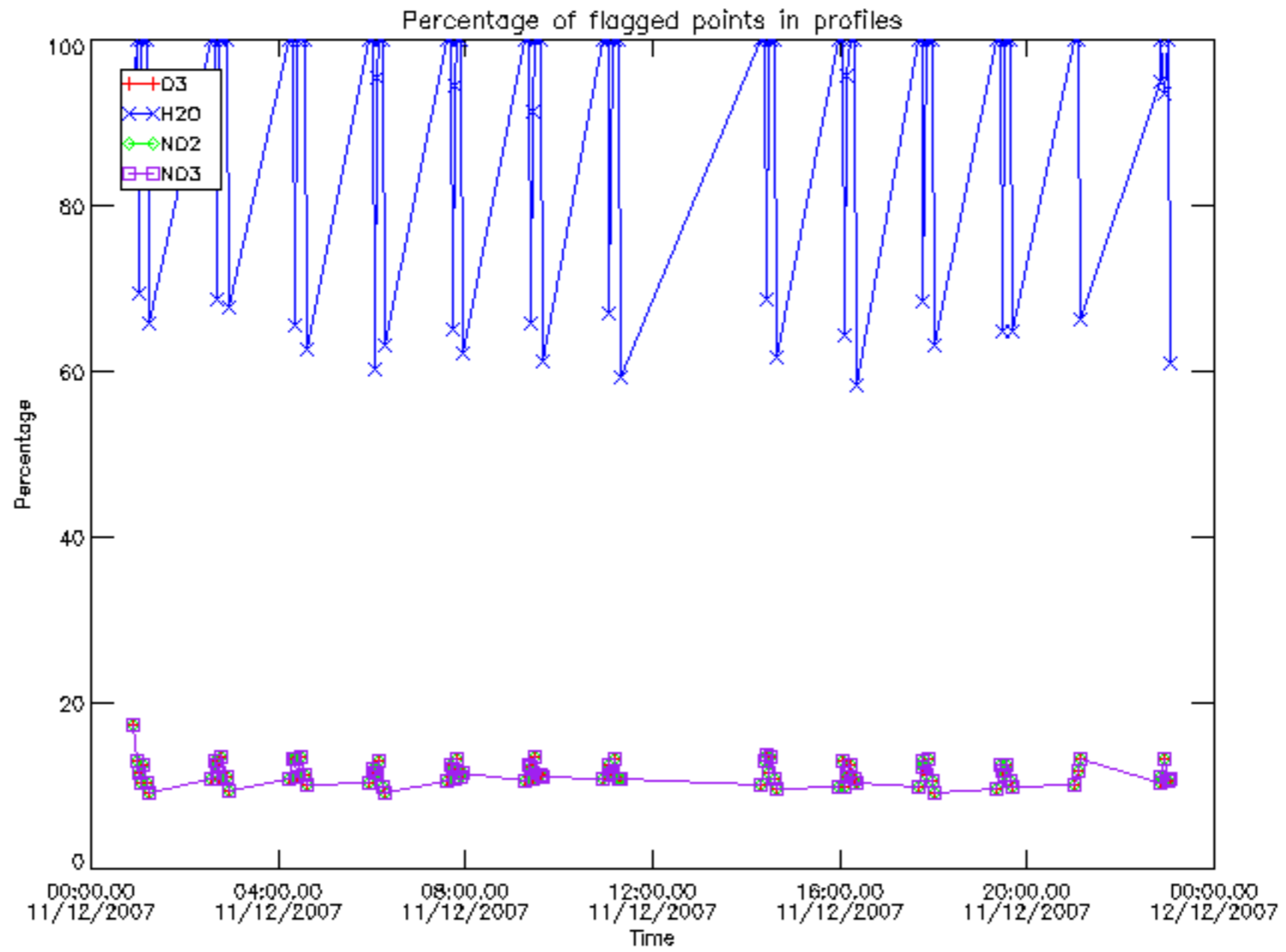
The colorbar represents the latitude.



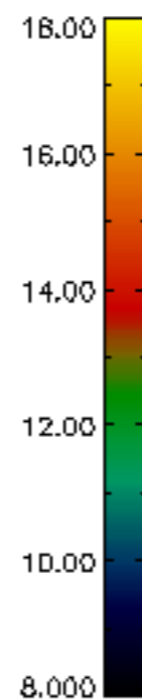
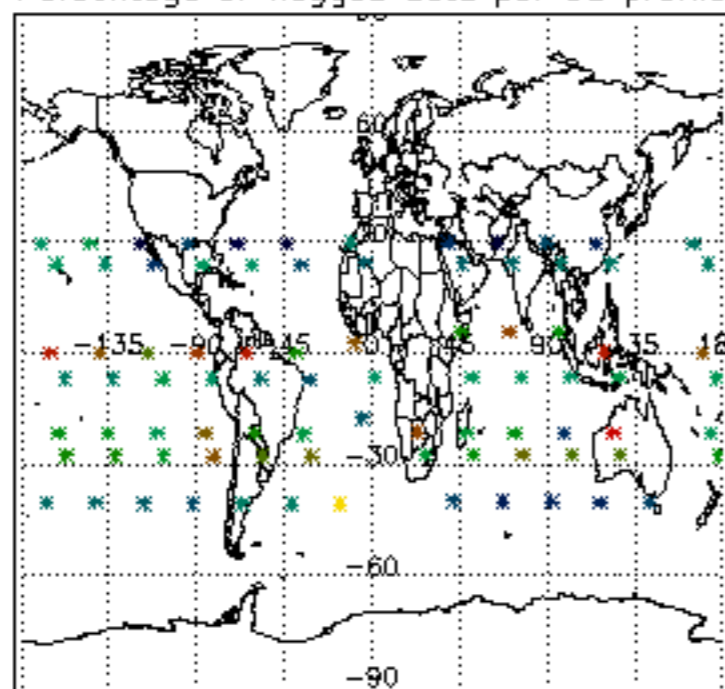
6. Auxiliary Data Files used for the production reported in section 2

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.

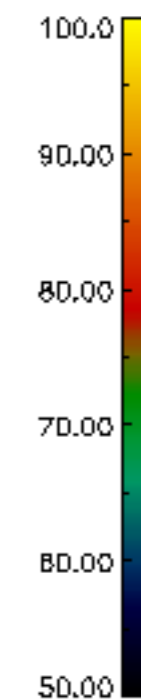
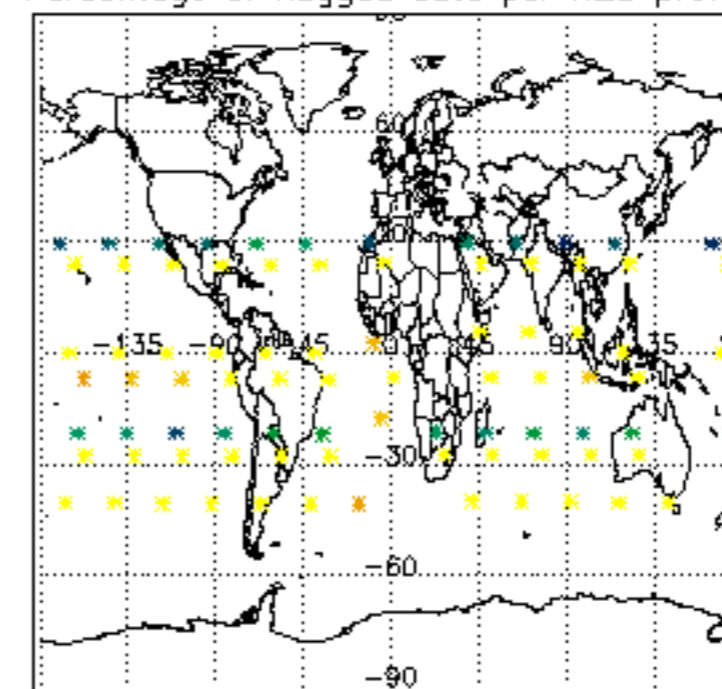
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-DEC-2007 00:00:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-DEC-2007 00:00:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-DEC-2007 00:00:50



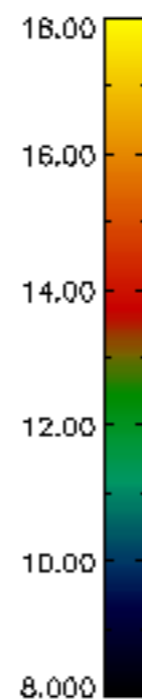
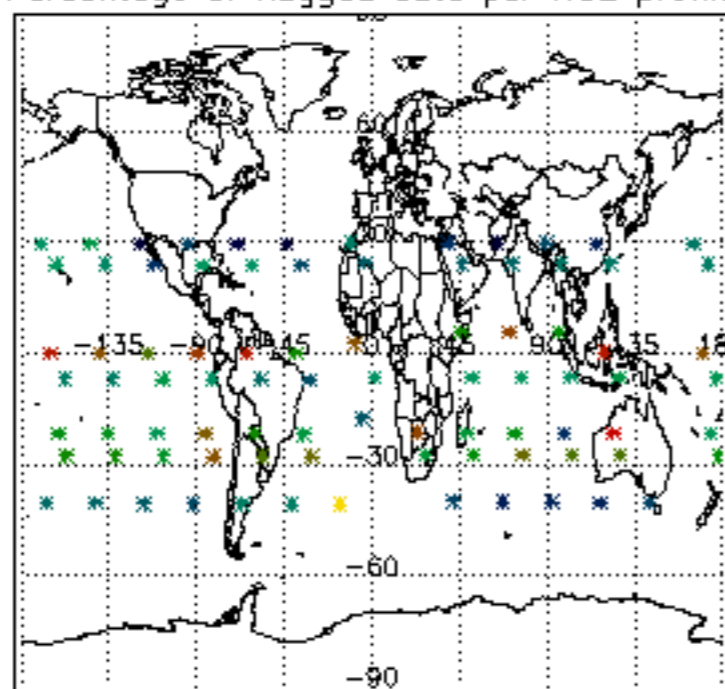
Percentage of flagged data per D3 profile



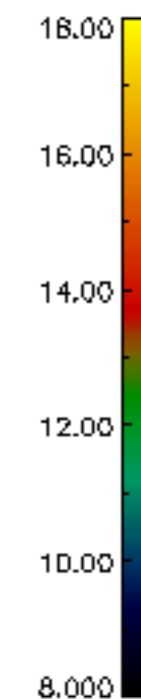
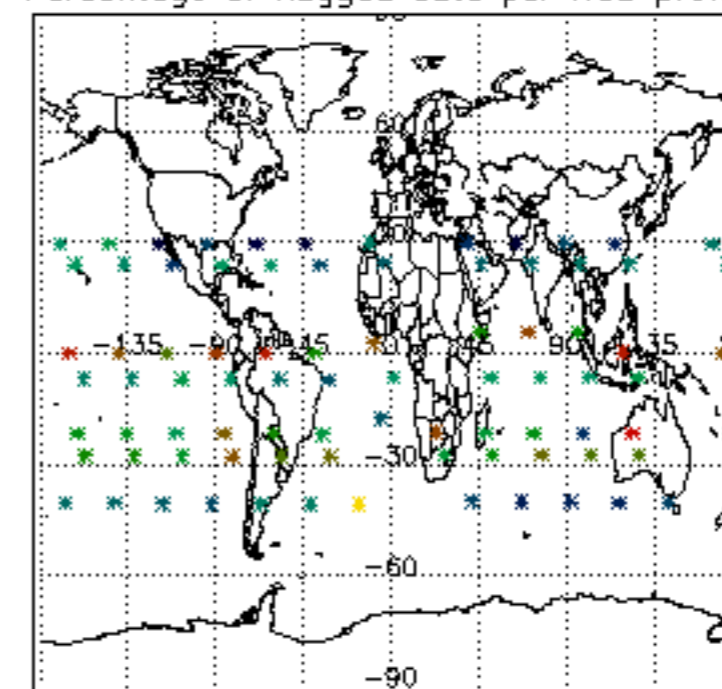
Percentage of flagged data per H2O profile

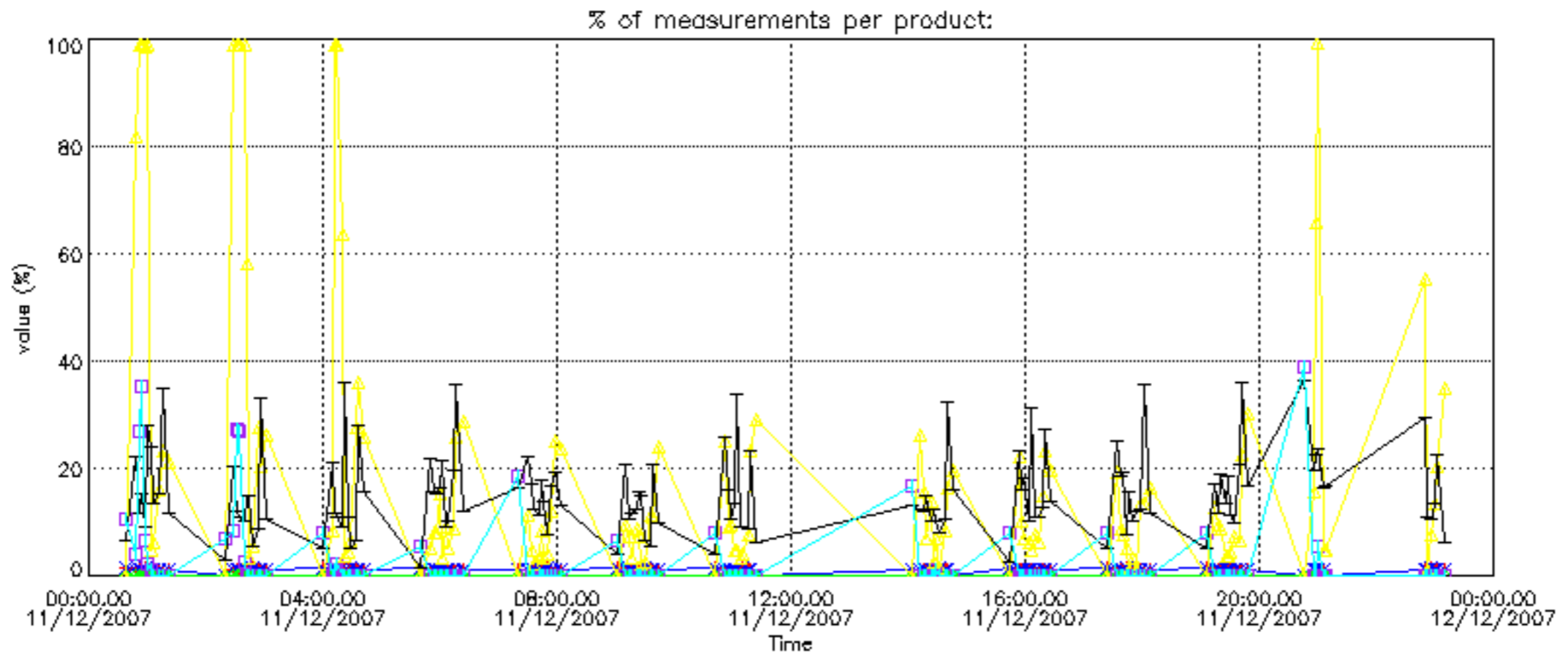


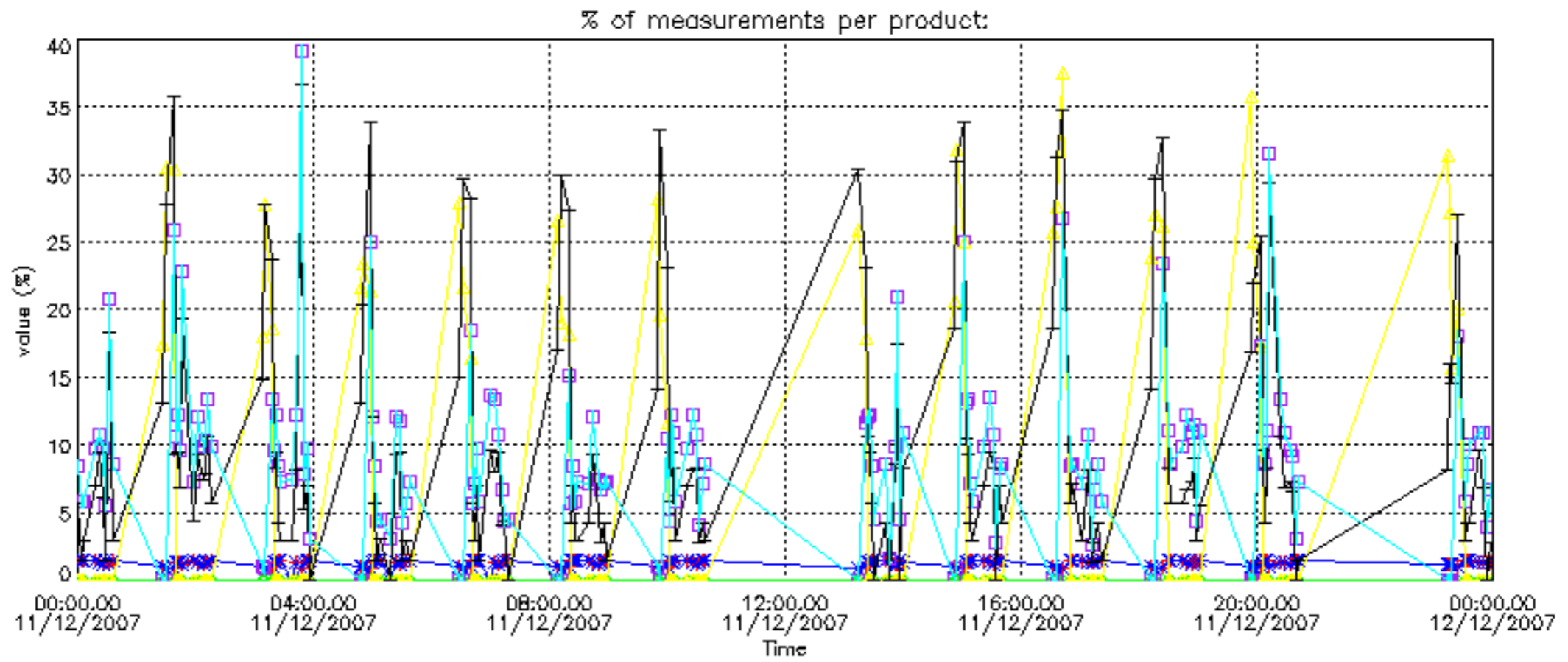
Percentage of flagged data per NO2 profile



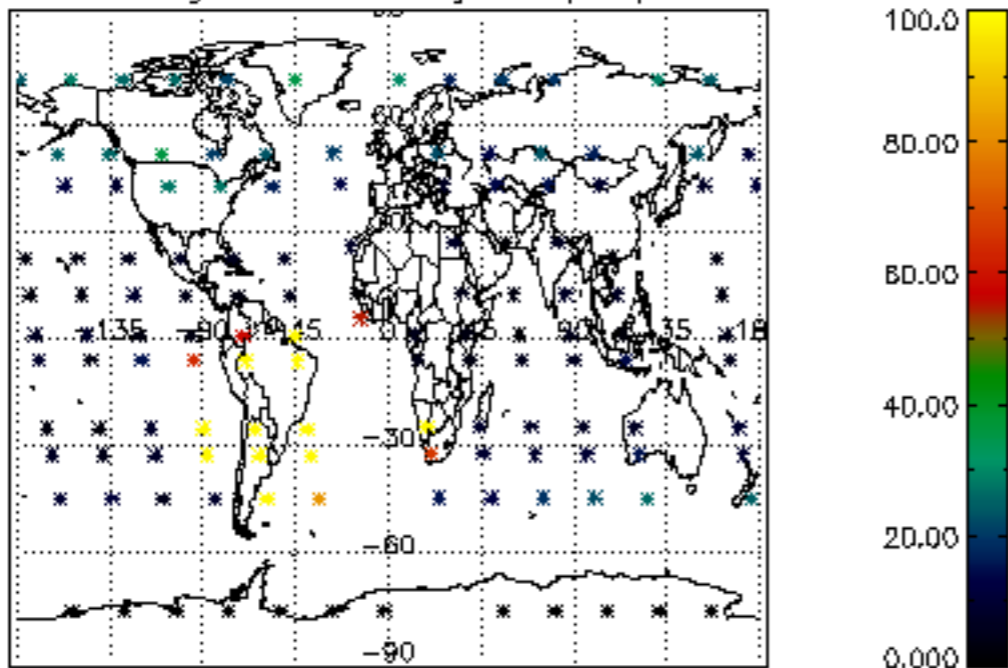
Percentage of flagged data per NO3 profile



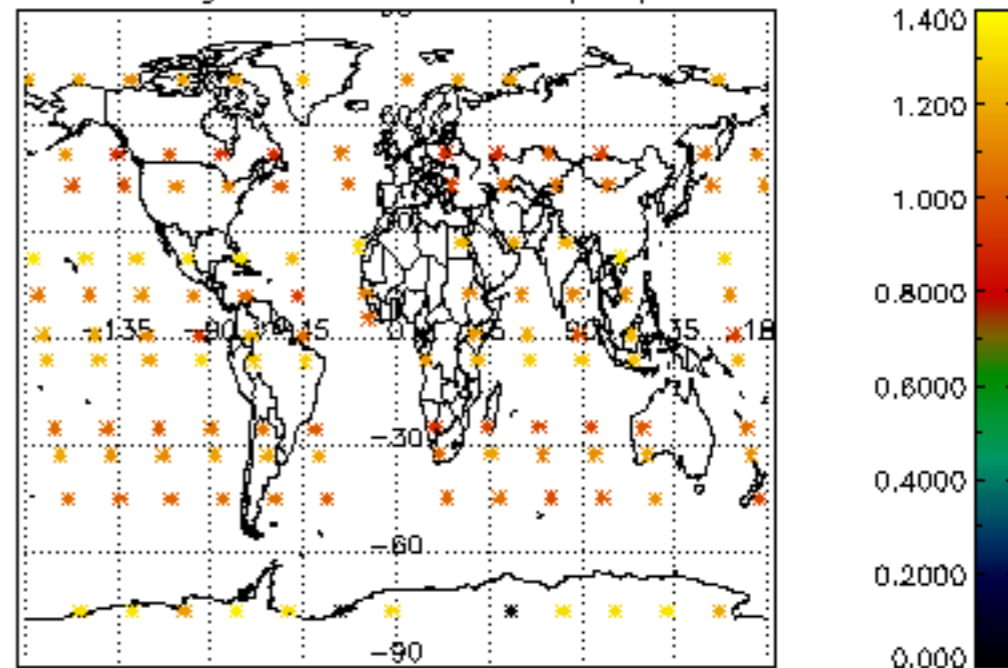




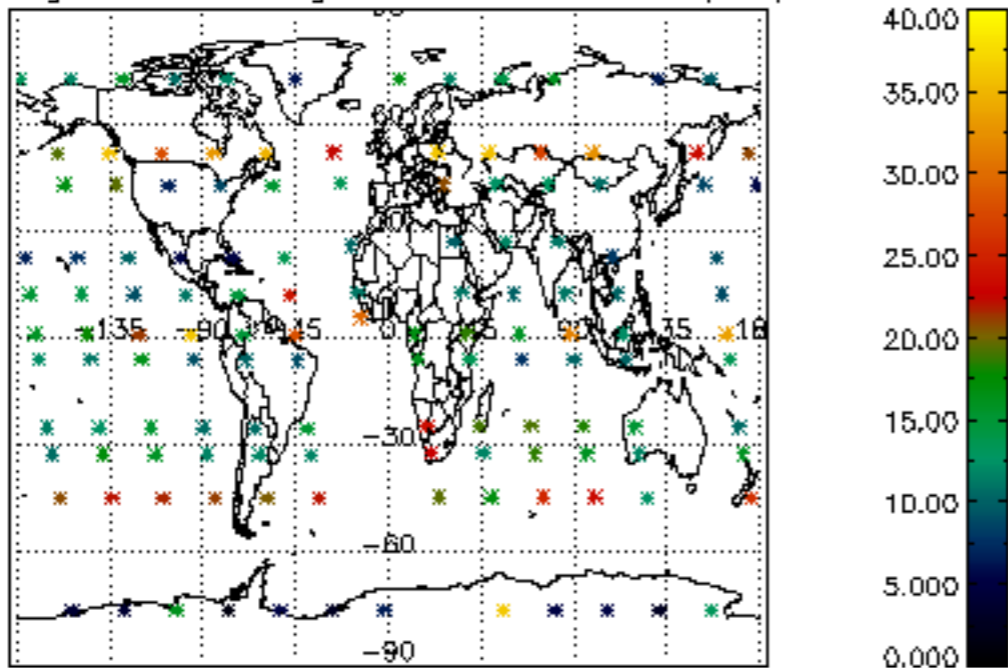
Percentage of cosmic ray hits per profile



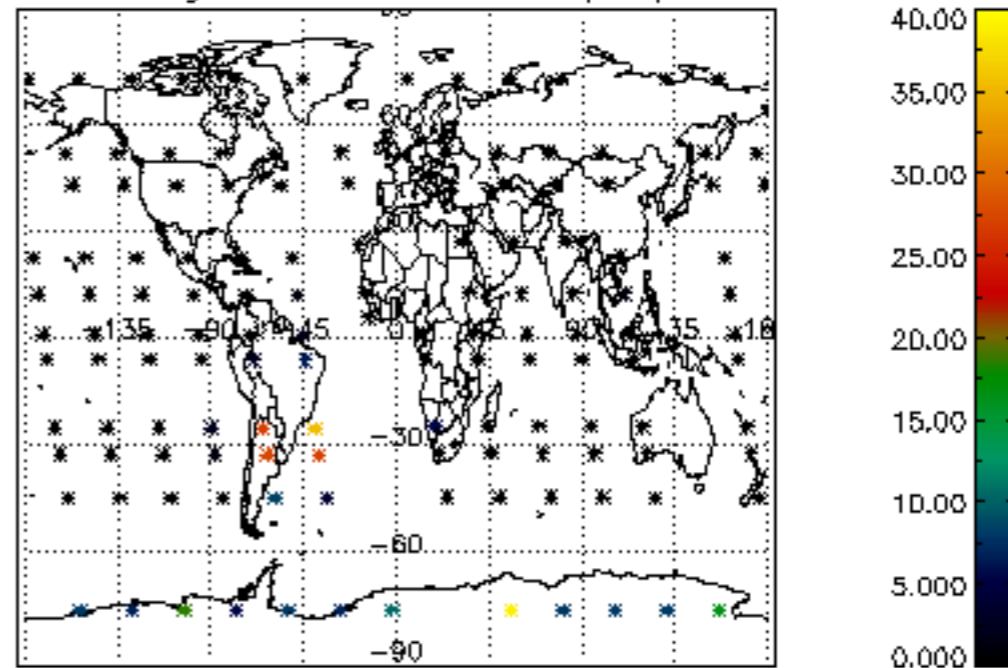
Percentage of datation errors per profile



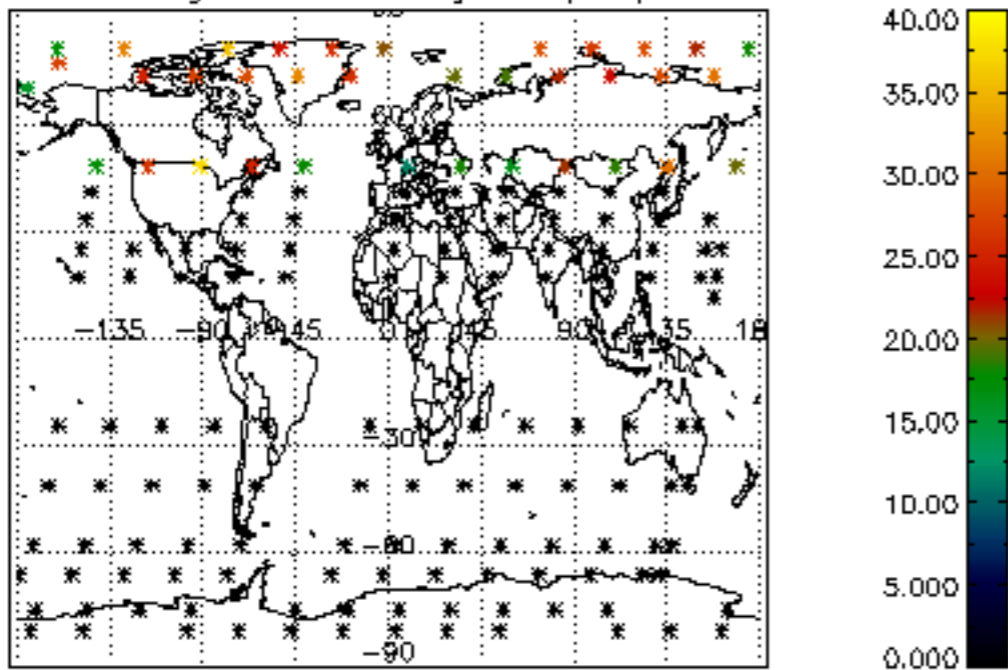
Percentage of star falling outside central band per profile



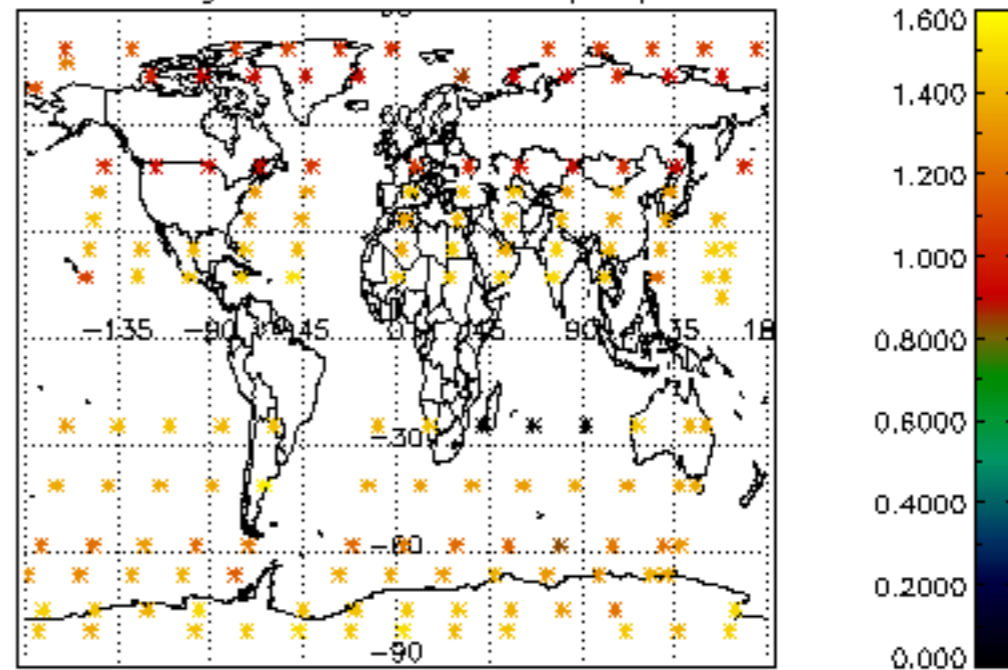
Percentage of saturation errors per profile



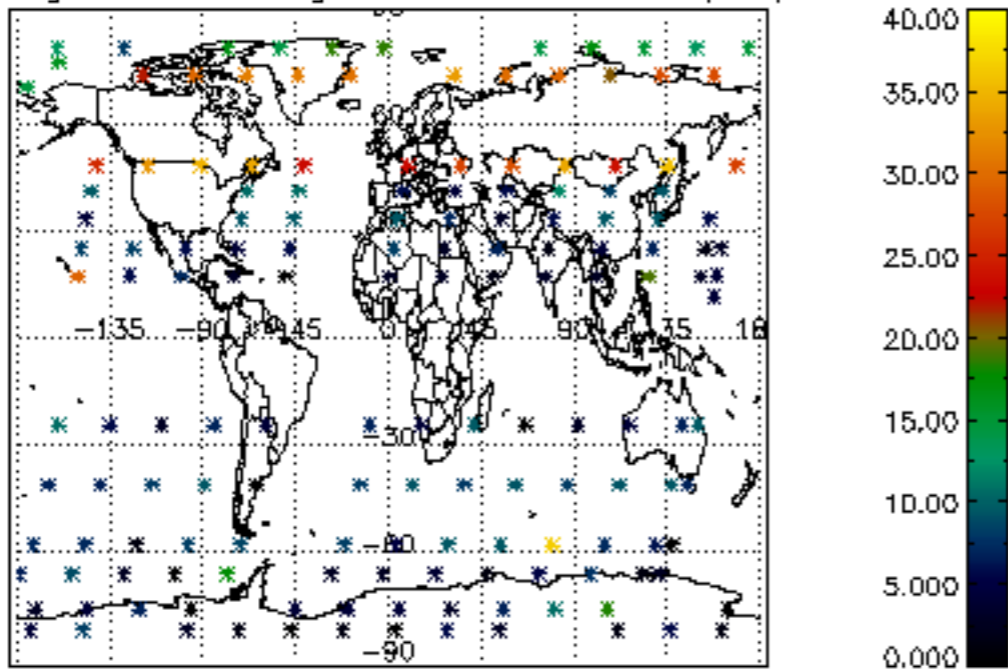
Percentage of cosmic ray hits per profile



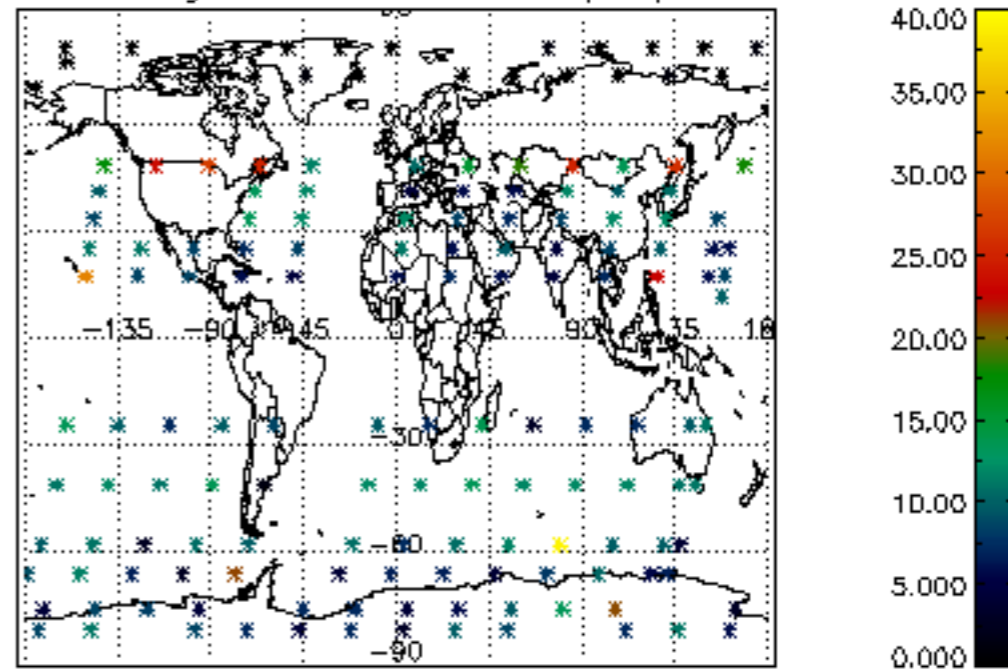
Percentage of datation errors per profile

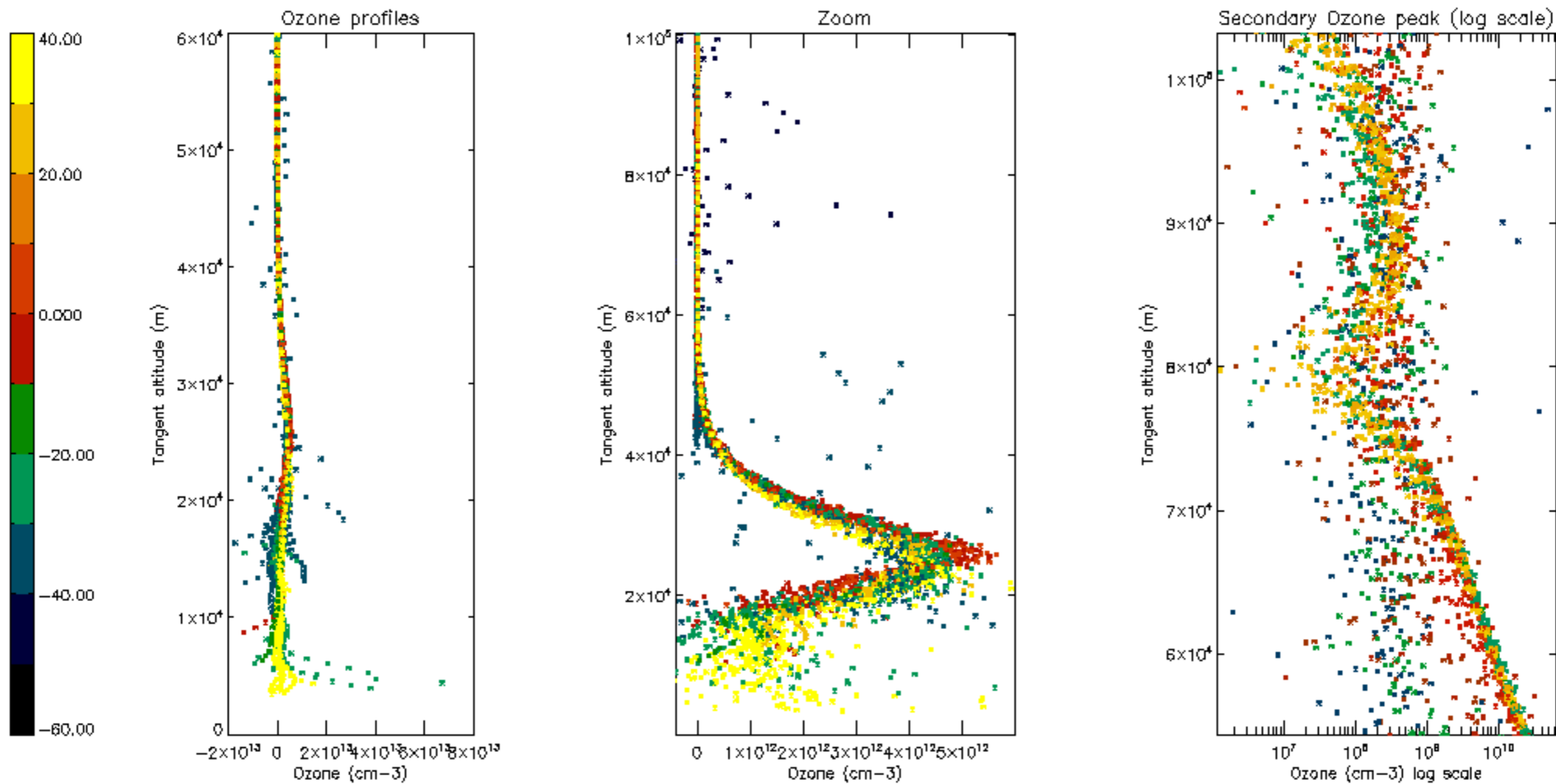


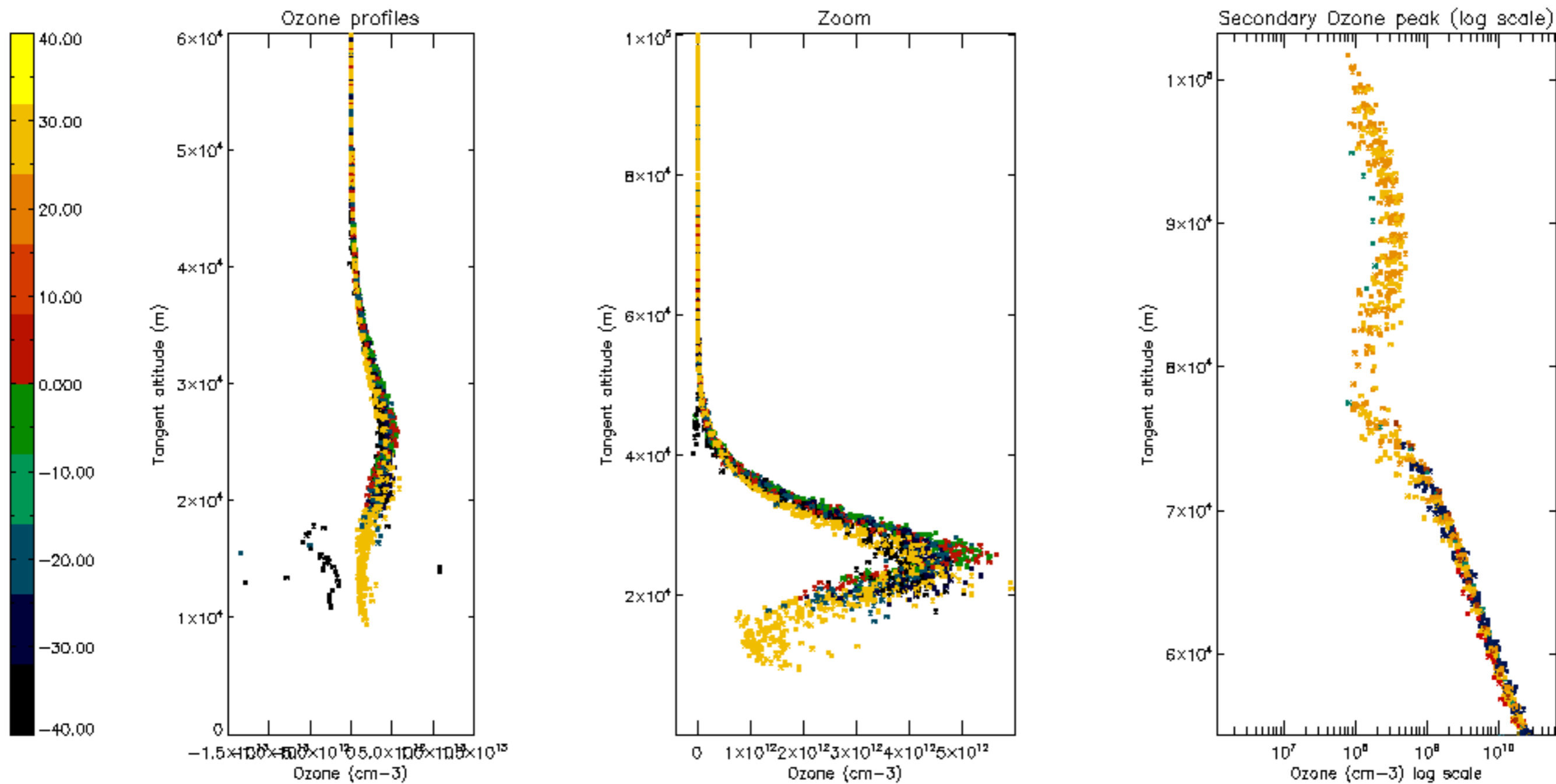
Percentage of star falling outside central band per profile

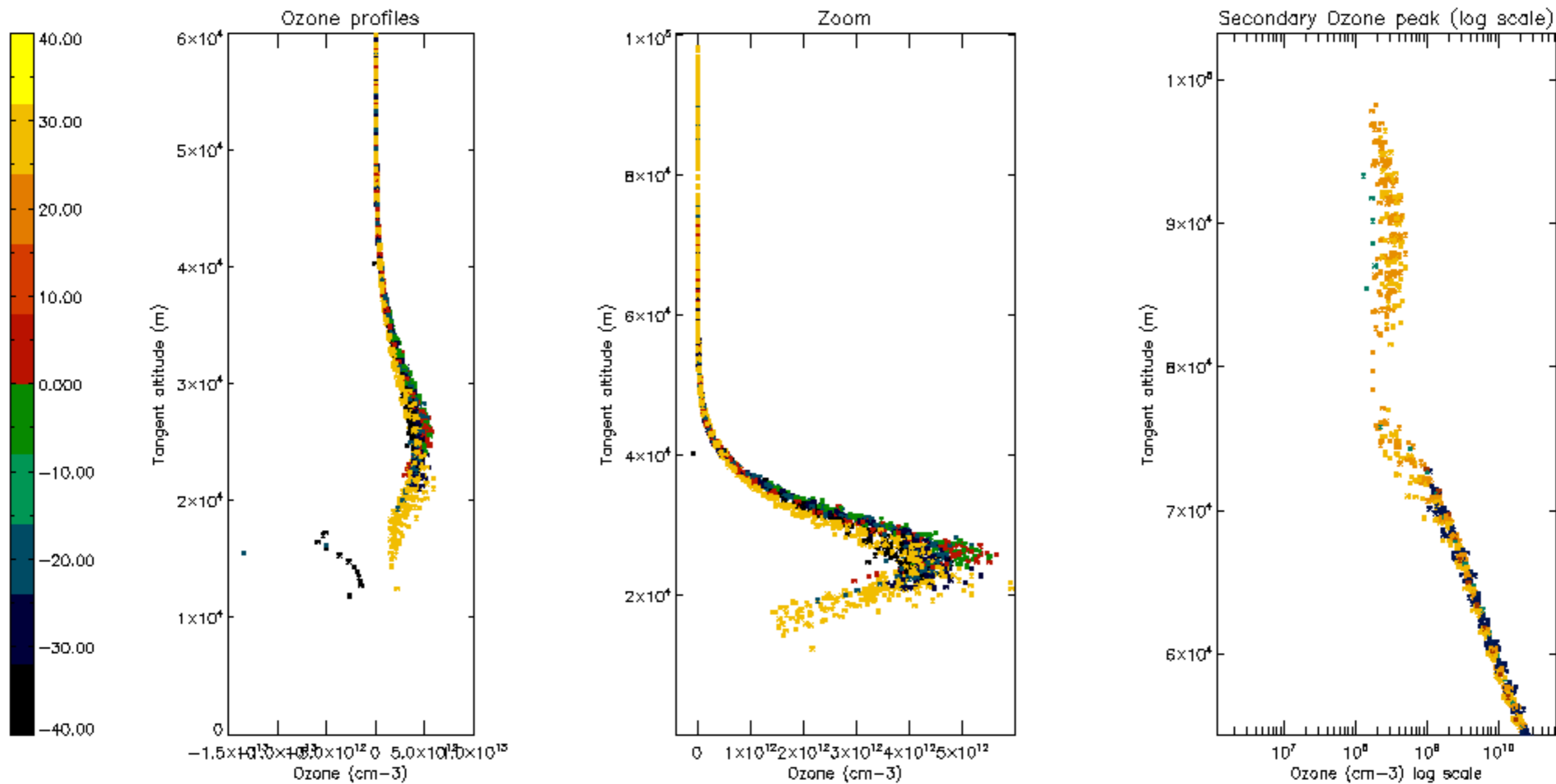


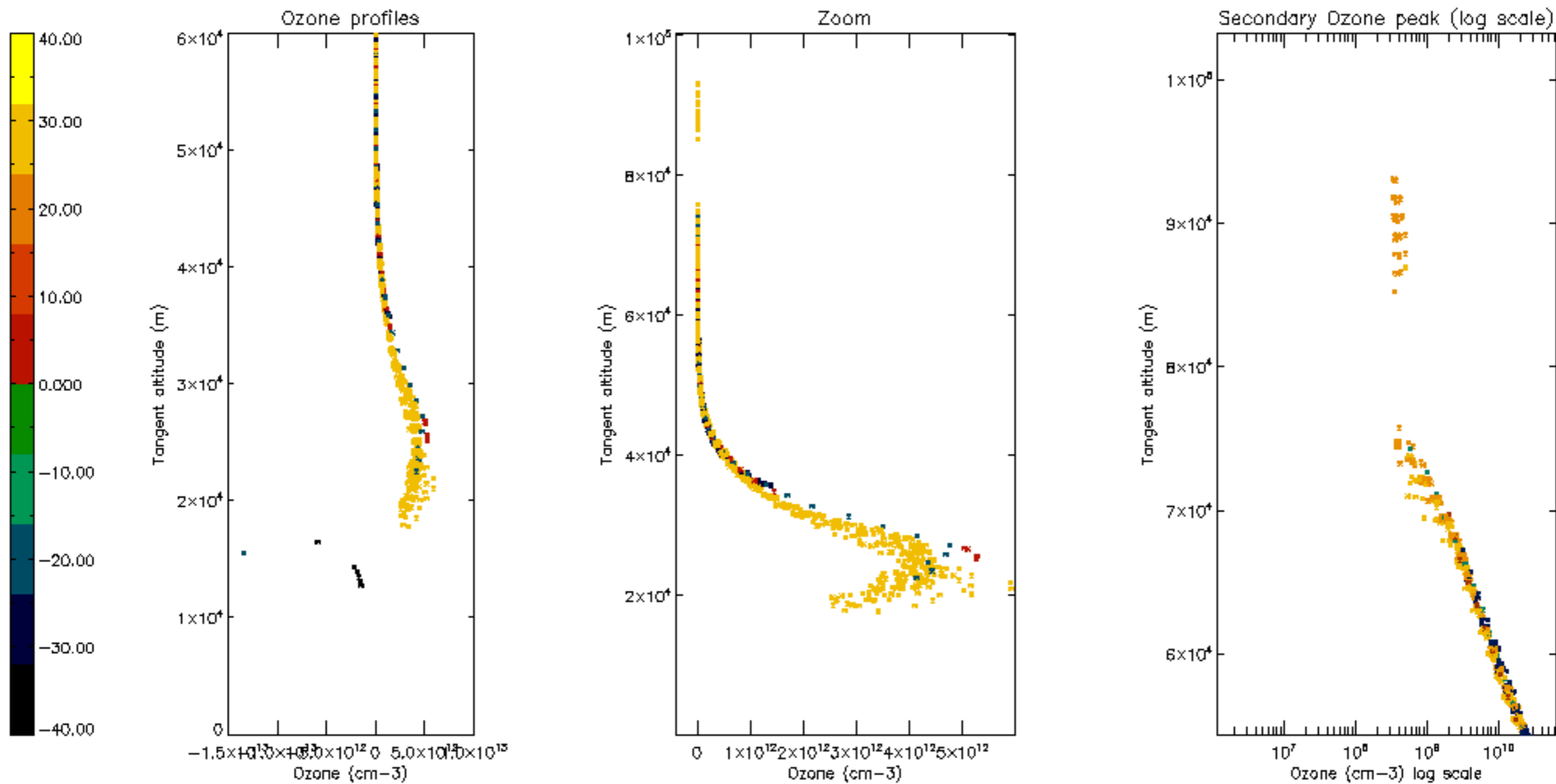
Percentage of saturation errors per profile

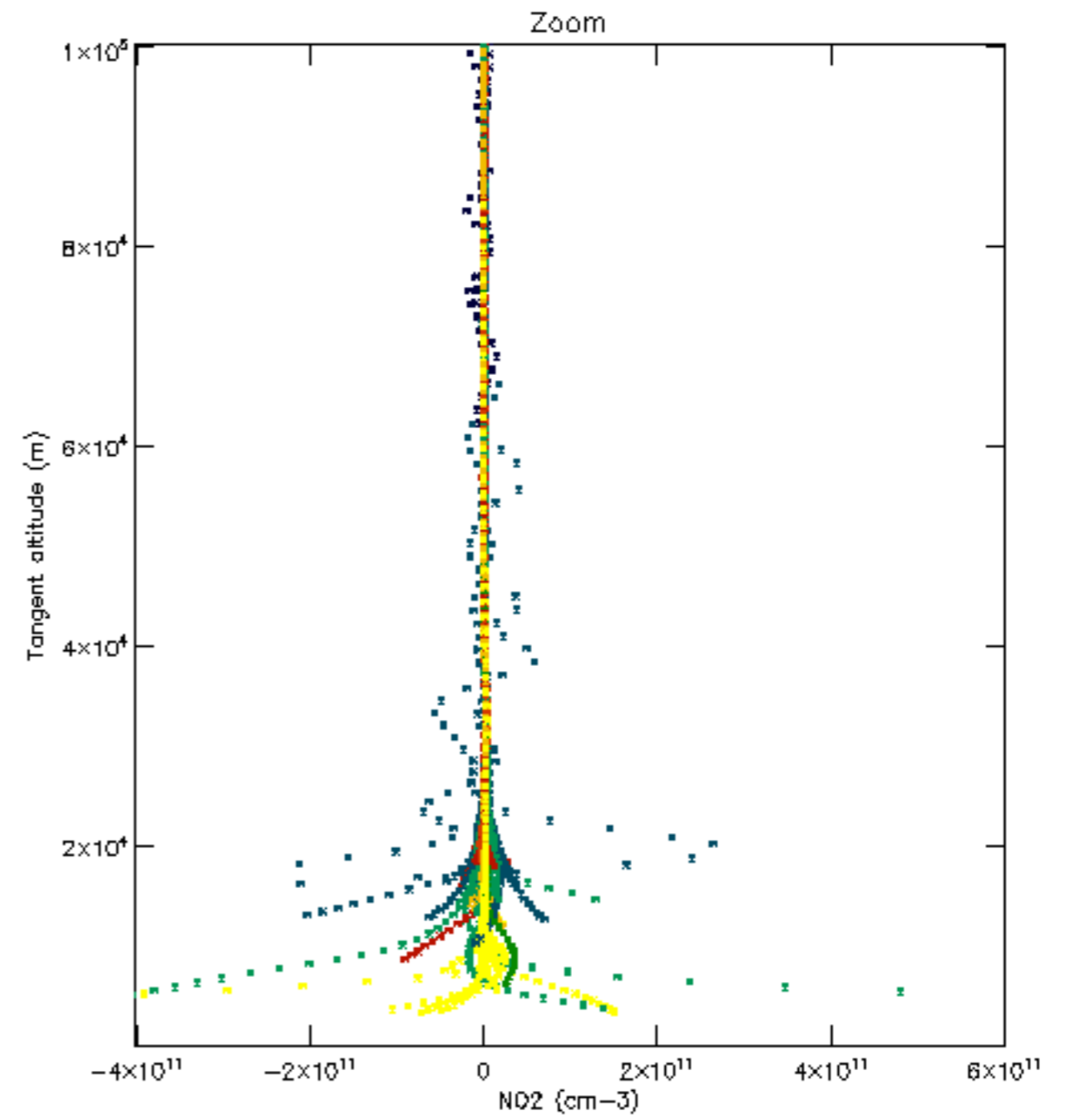
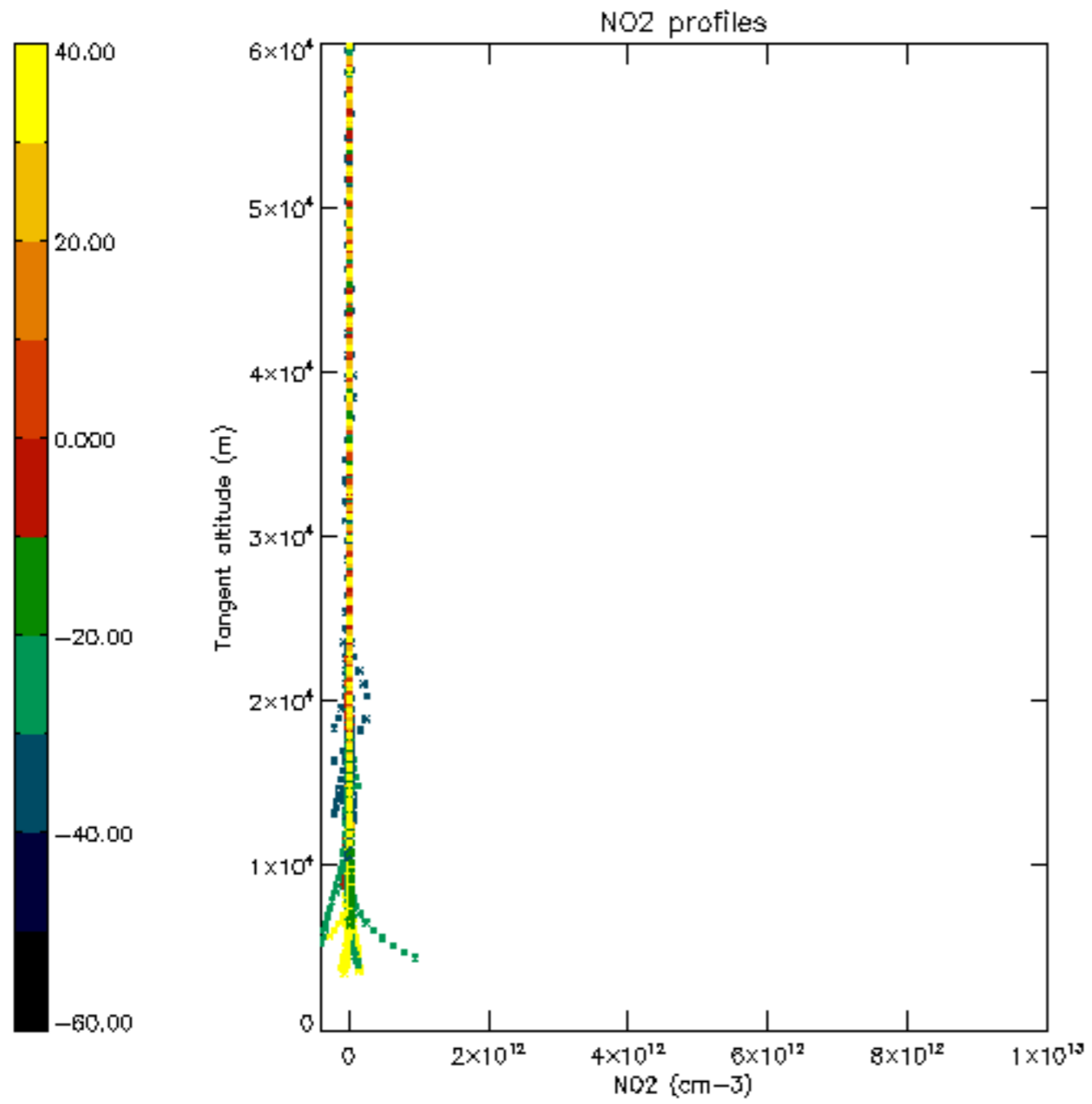


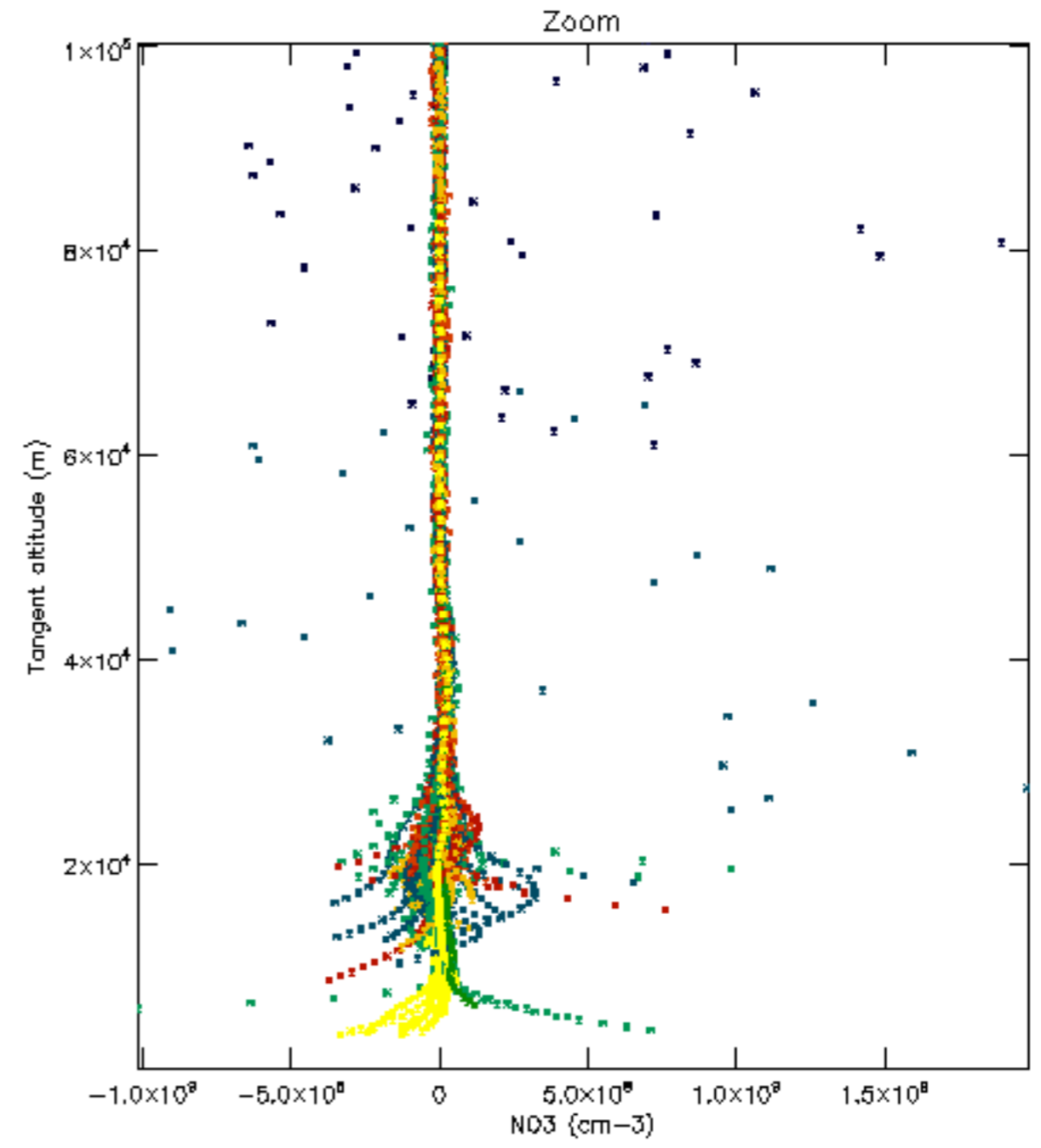
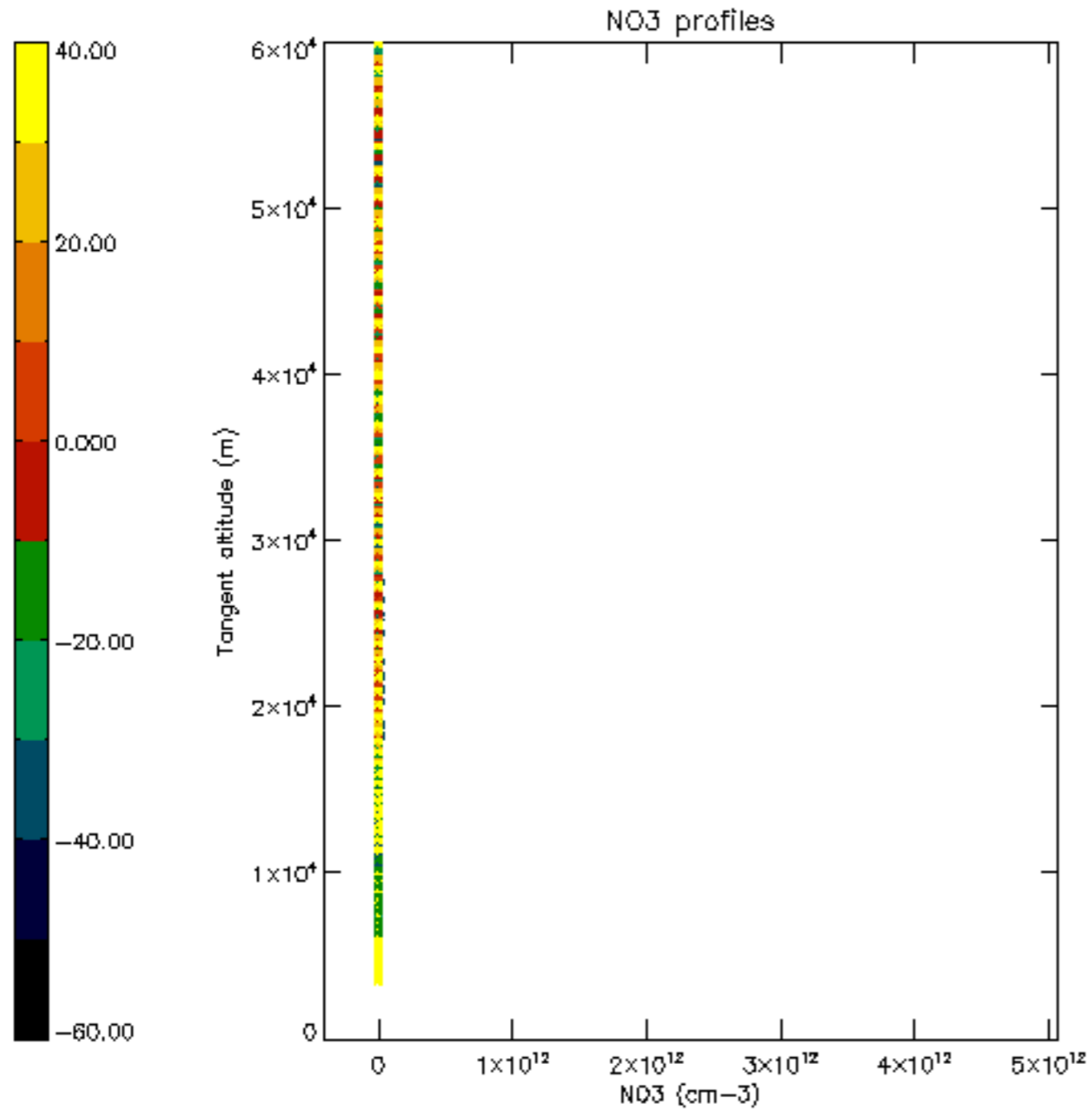


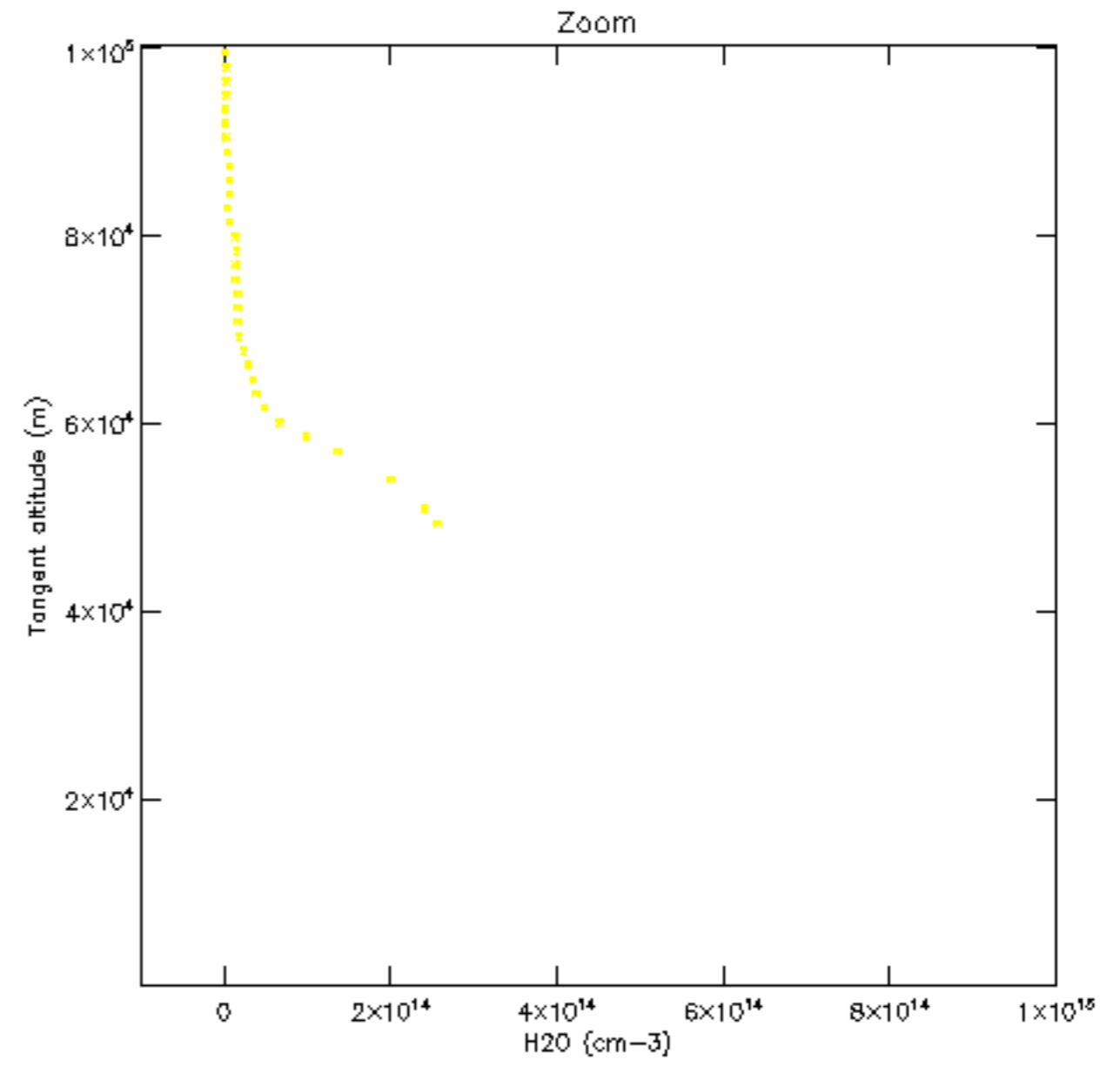
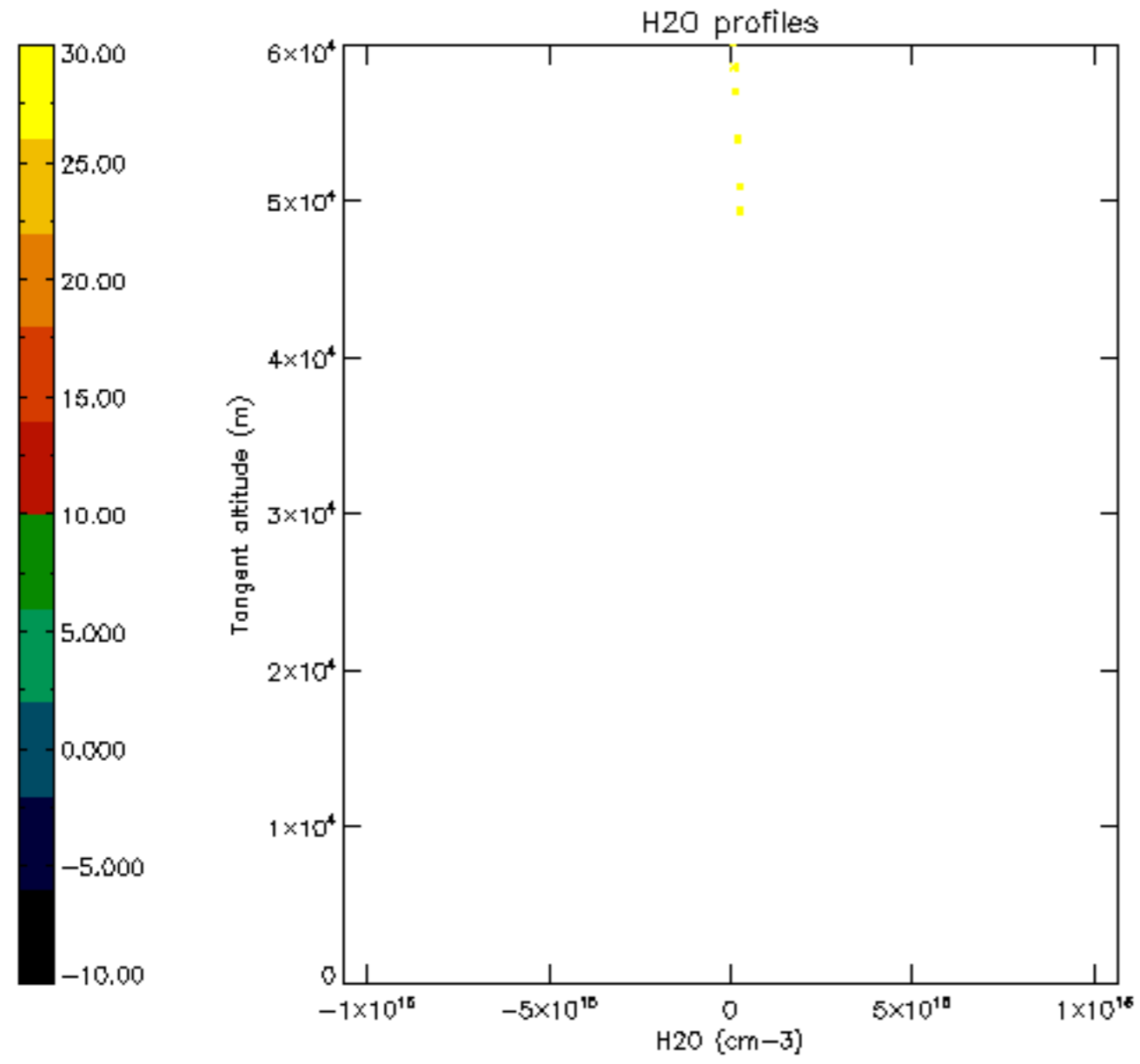


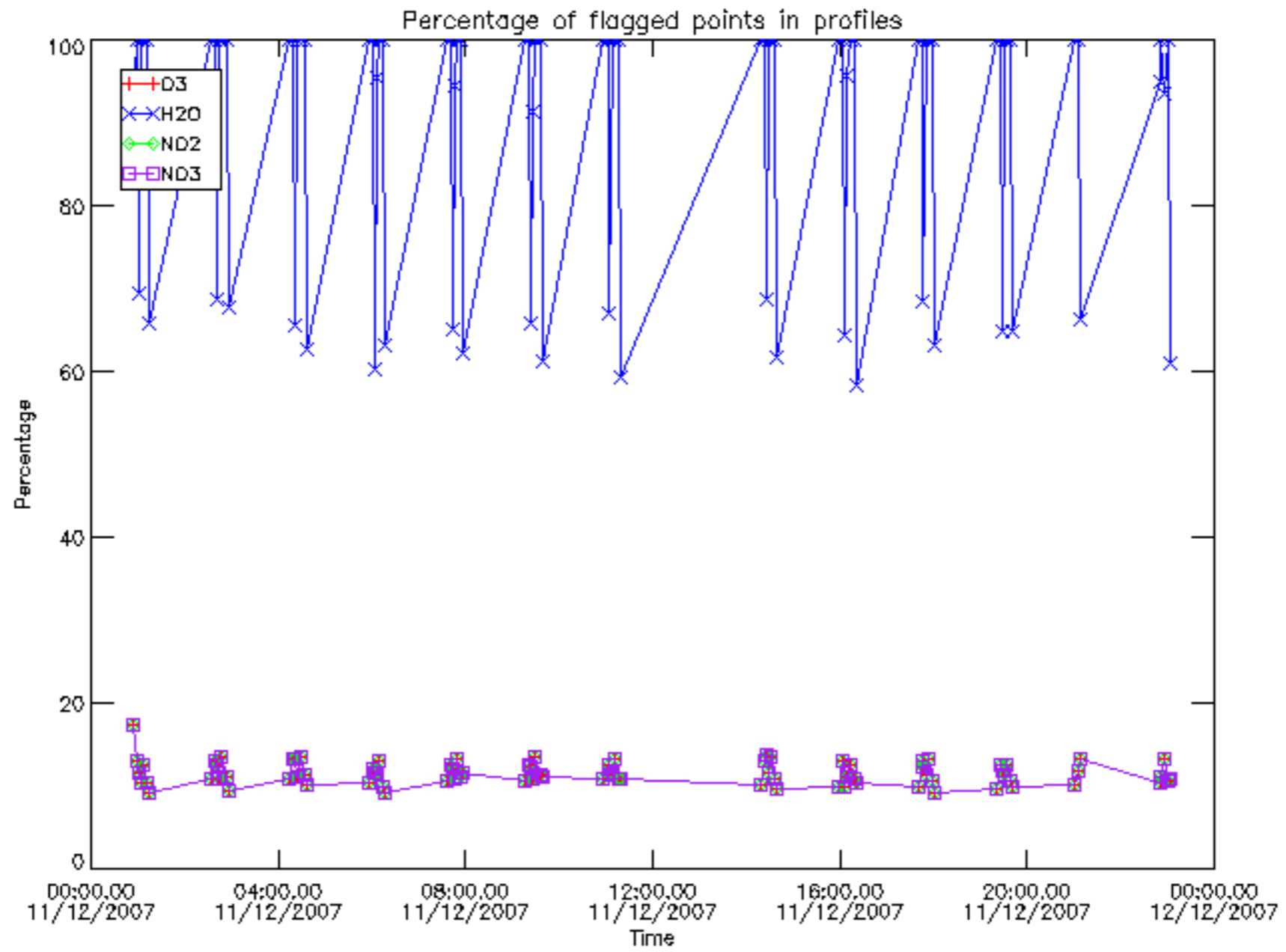




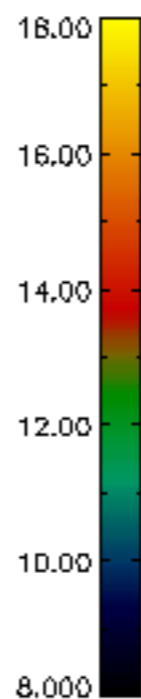
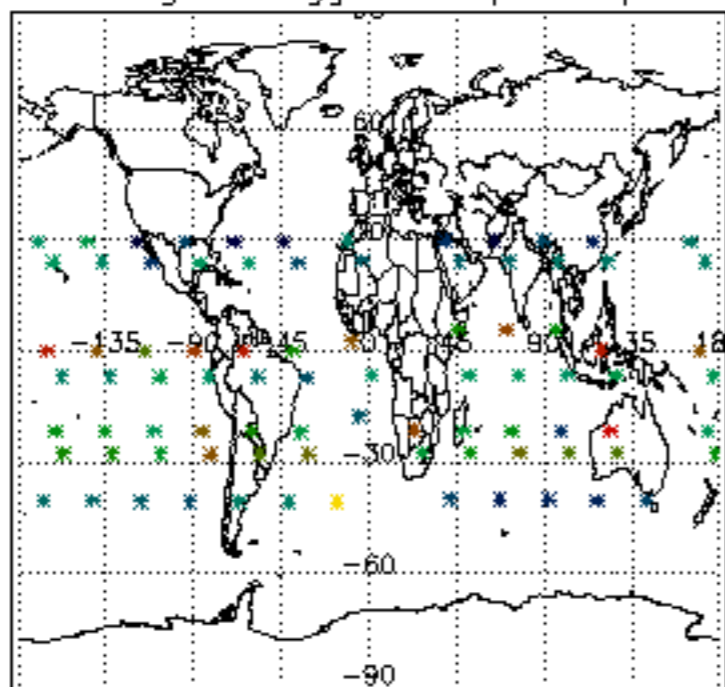




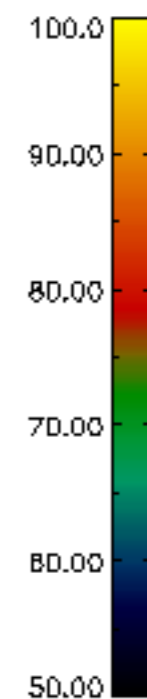
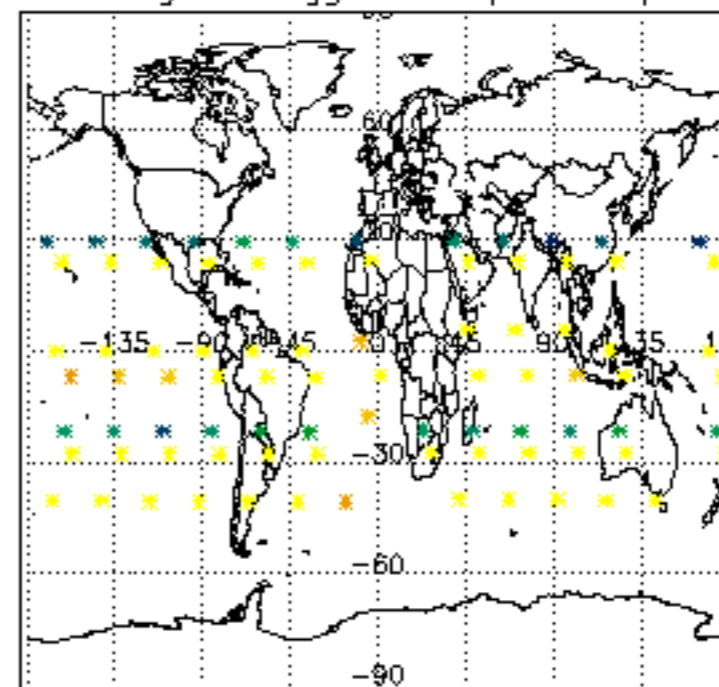




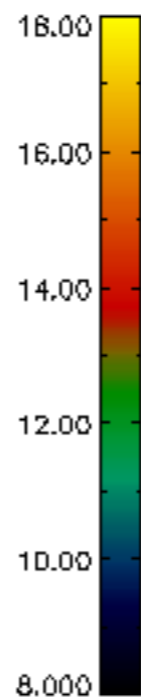
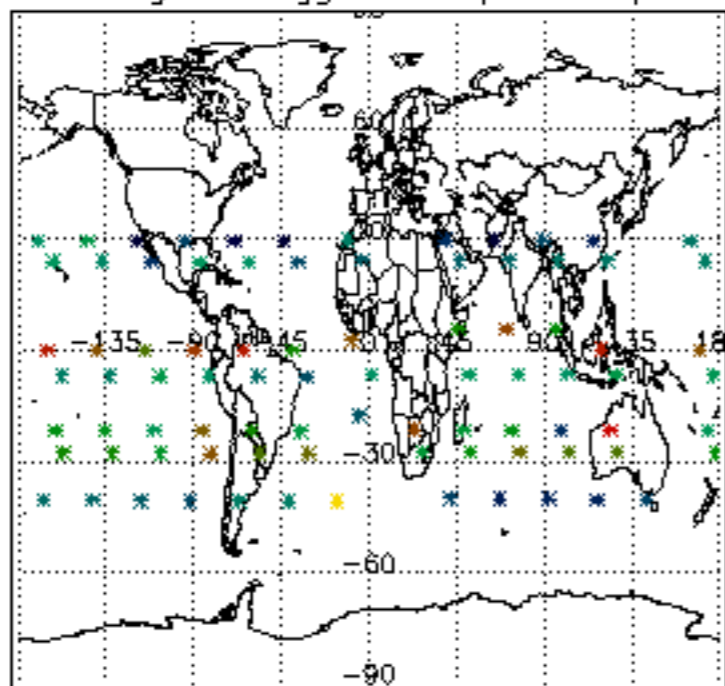
Percentage of flagged data per D3 profile



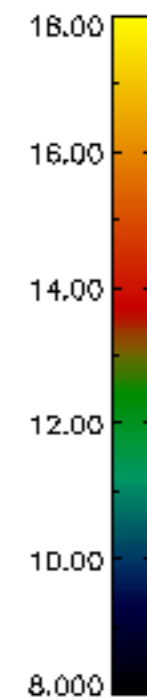
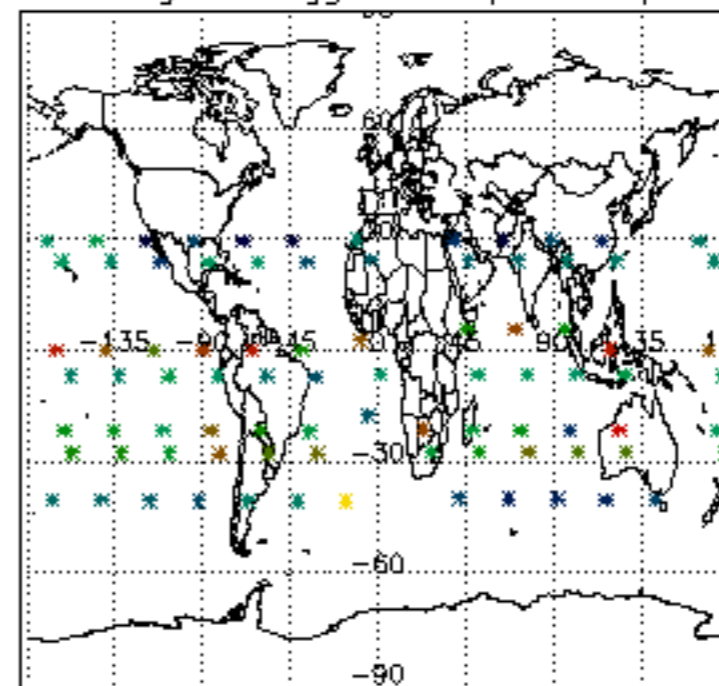
Percentage of flagged data per H2O profile

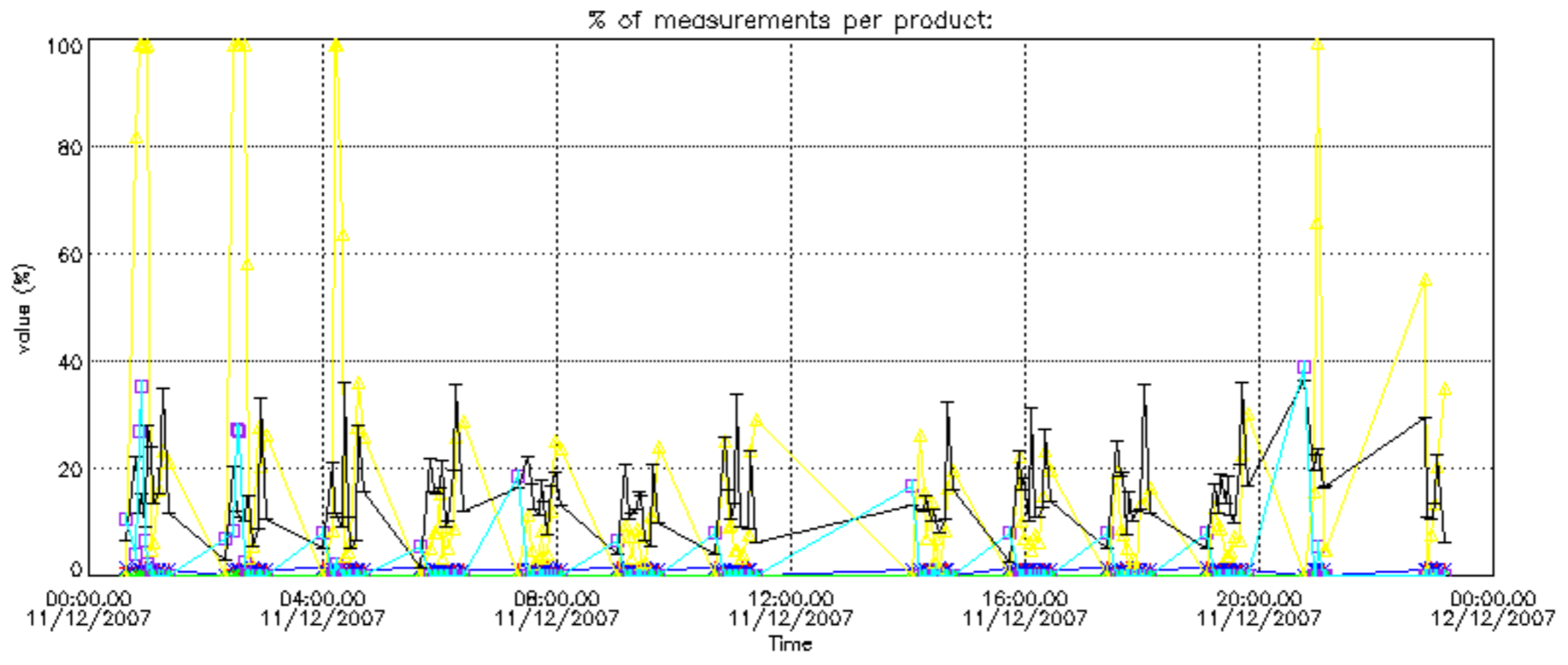


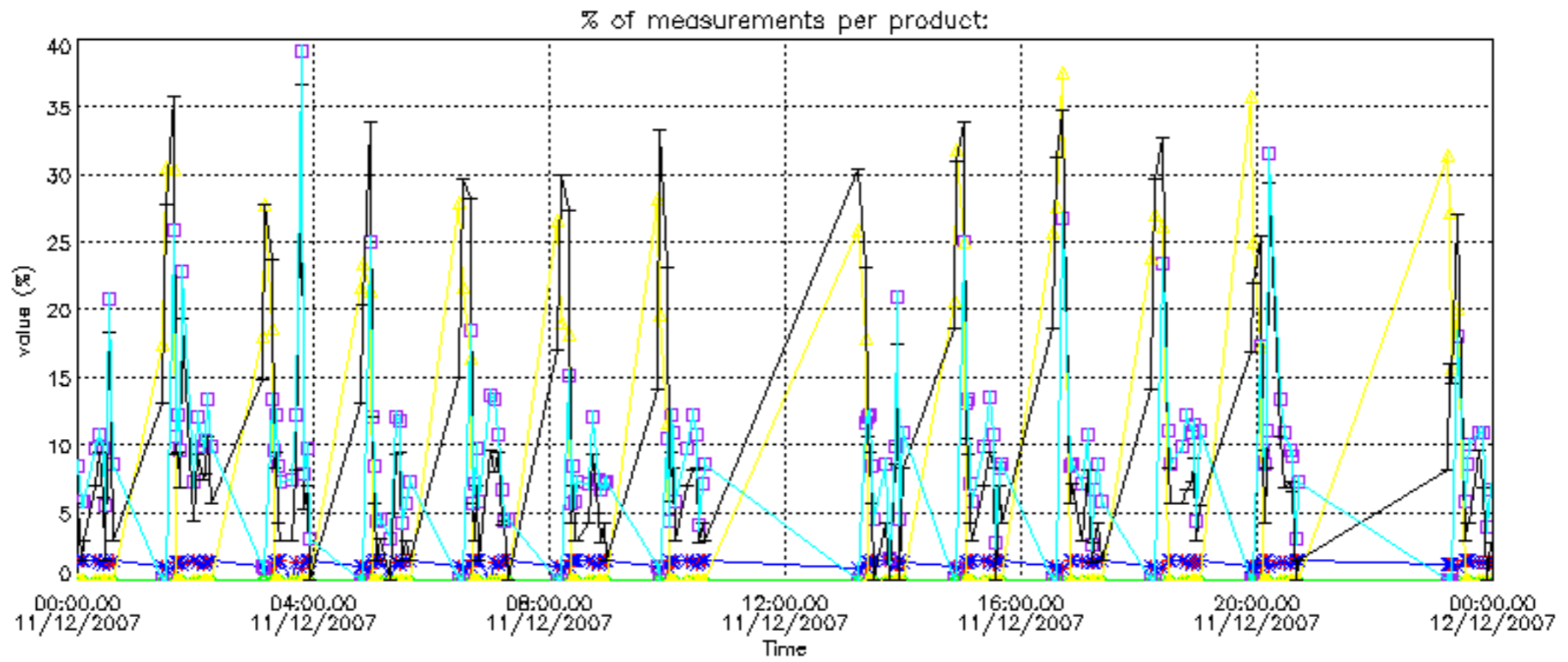
Percentage of flagged data per NO2 profile



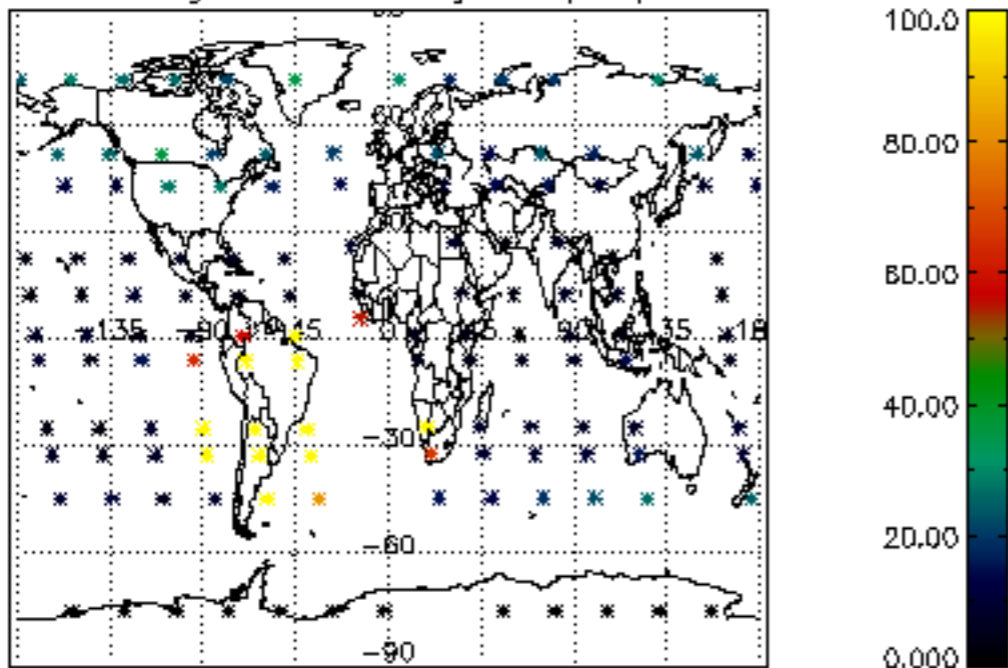
Percentage of flagged data per NO3 profile



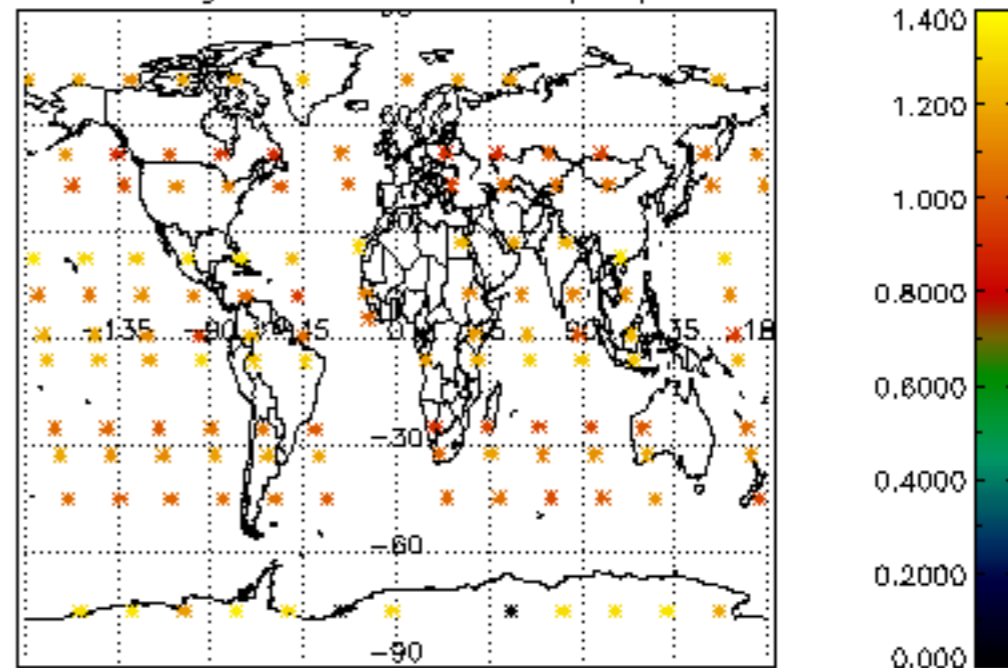




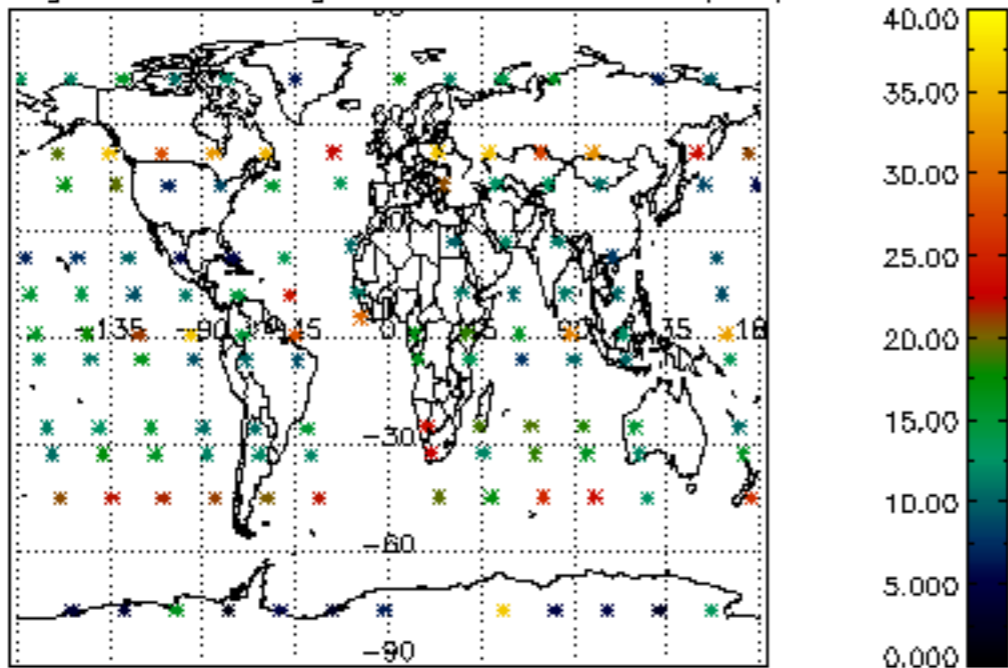
Percentage of cosmic ray hits per profile



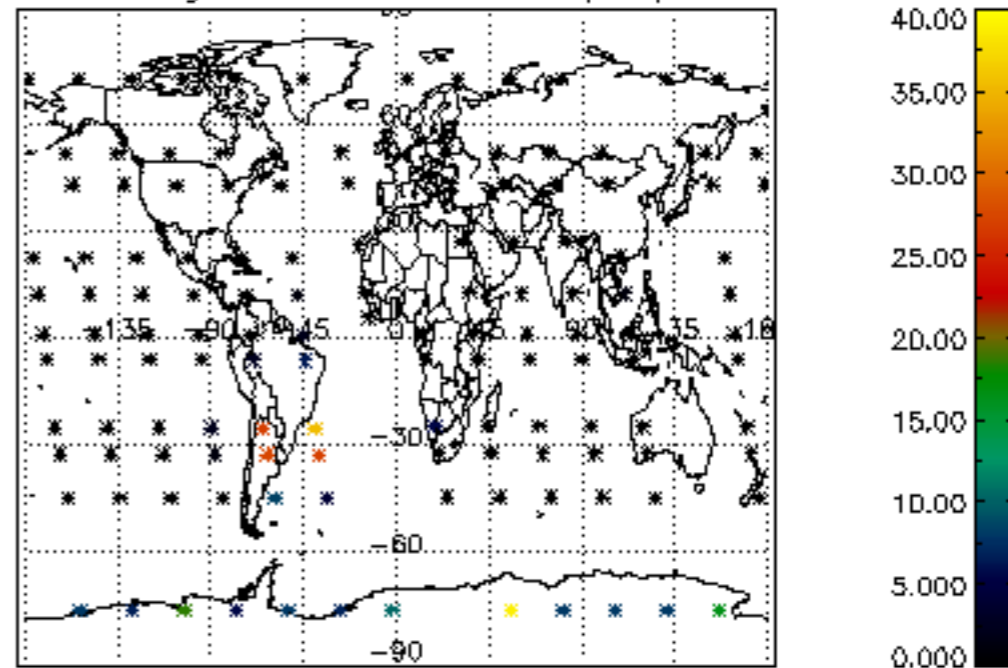
Percentage of datation errors per profile



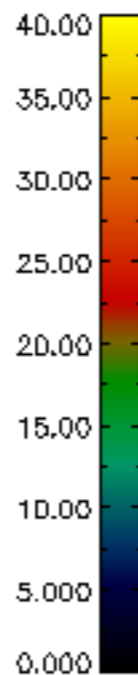
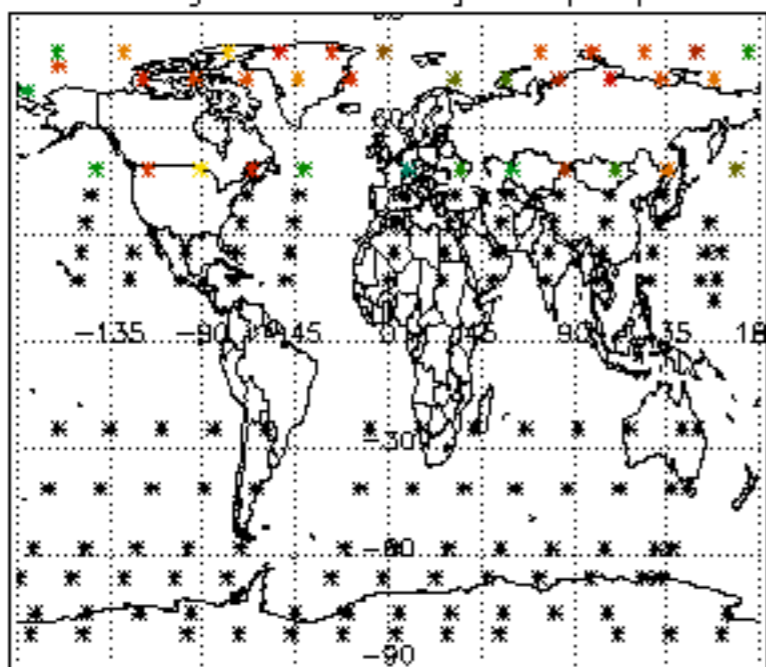
Percentage of star falling outside central band per profile



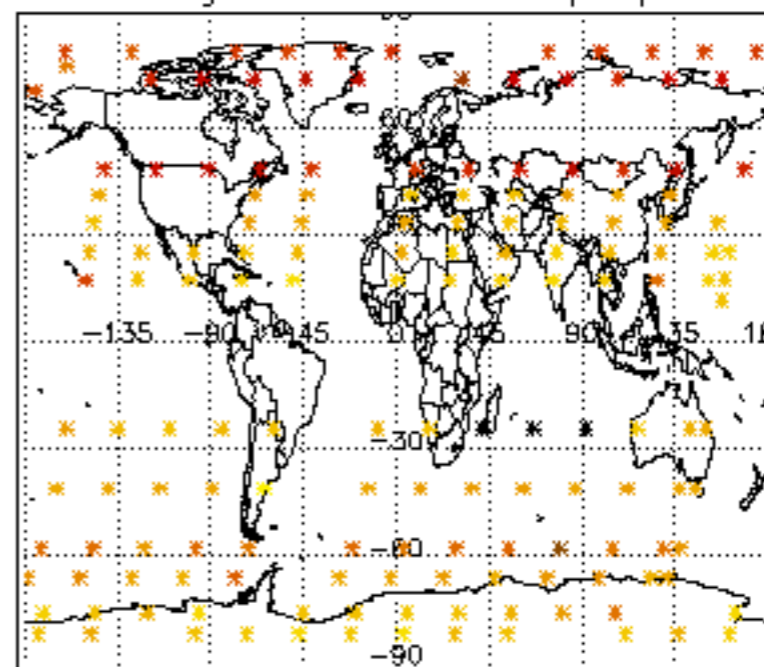
Percentage of saturation errors per profile



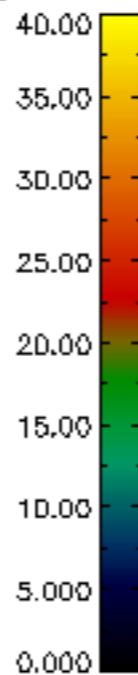
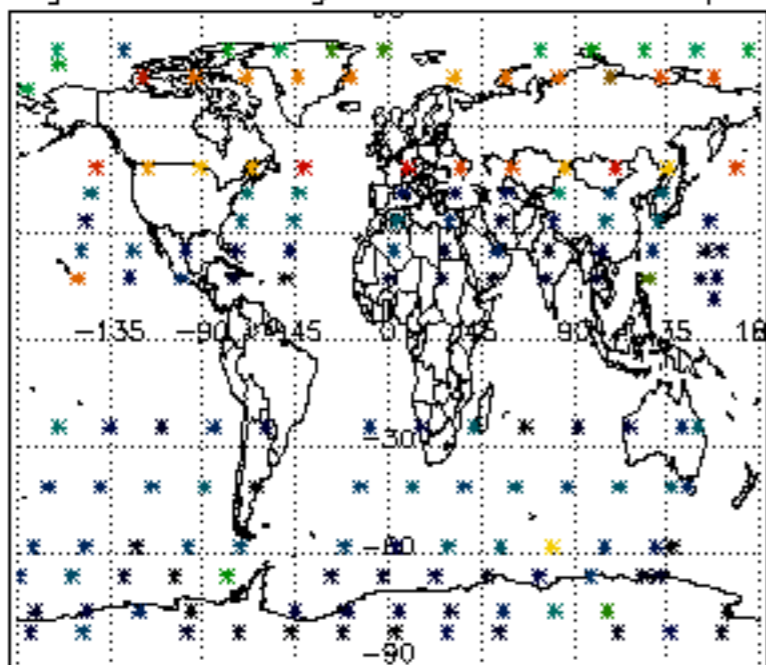
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

