

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% \(dark without errors\)](#)

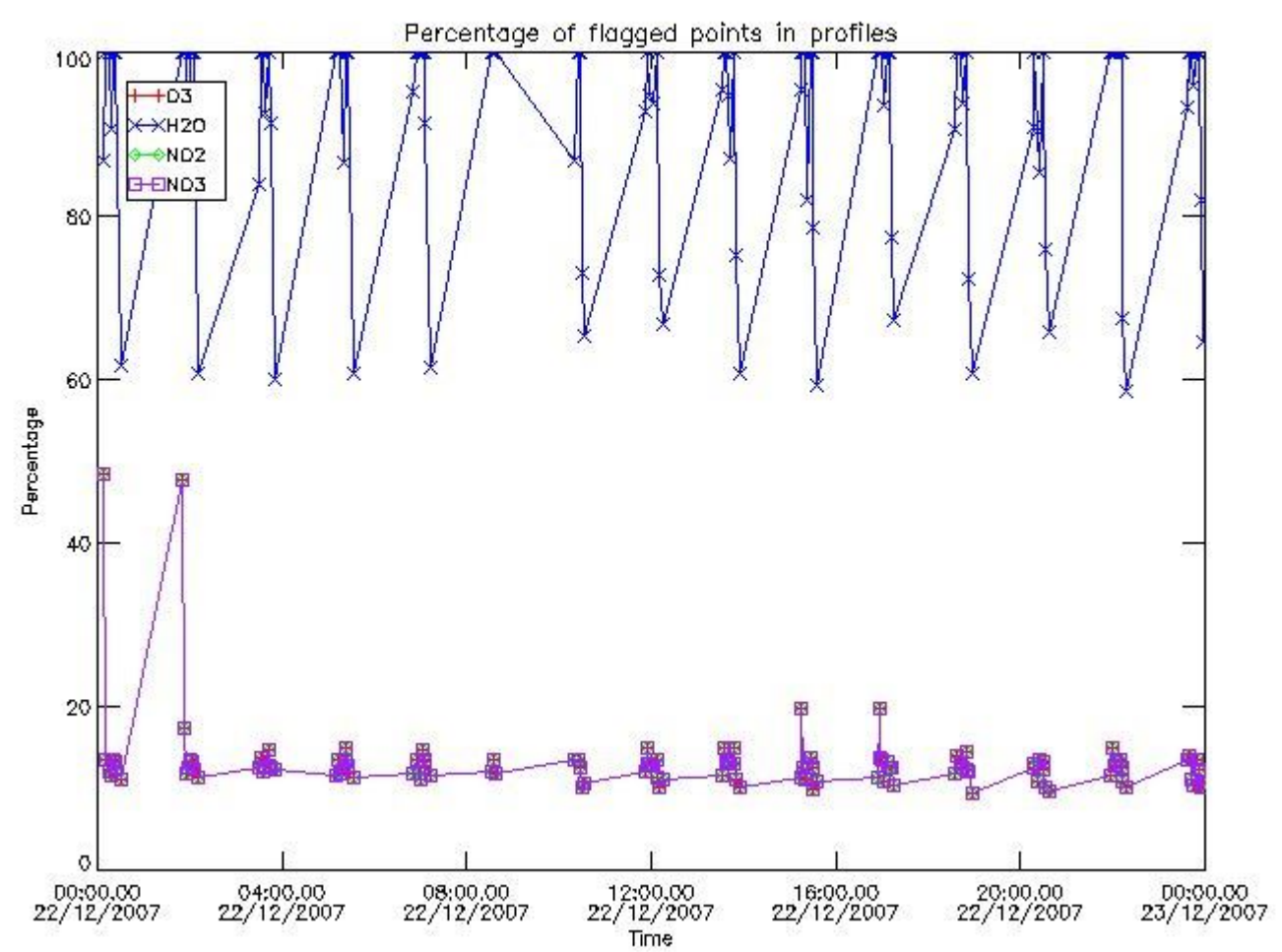
[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

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

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

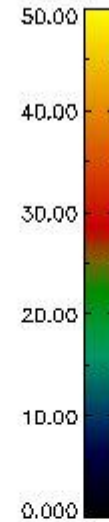
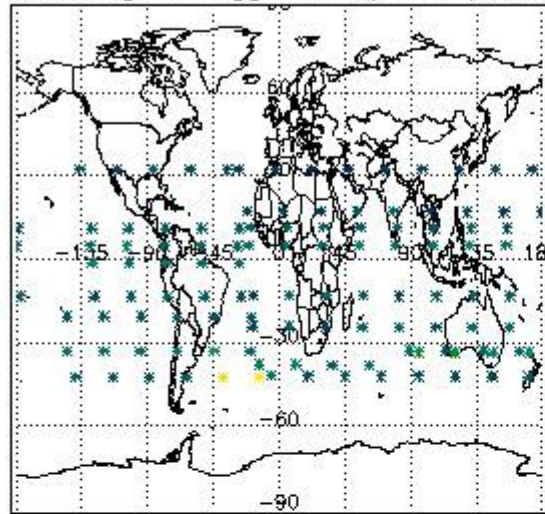
[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

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

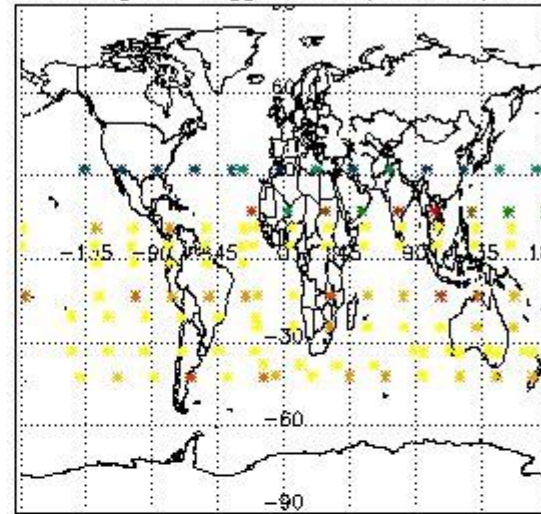


3.2 Plot quality information per product (world map)

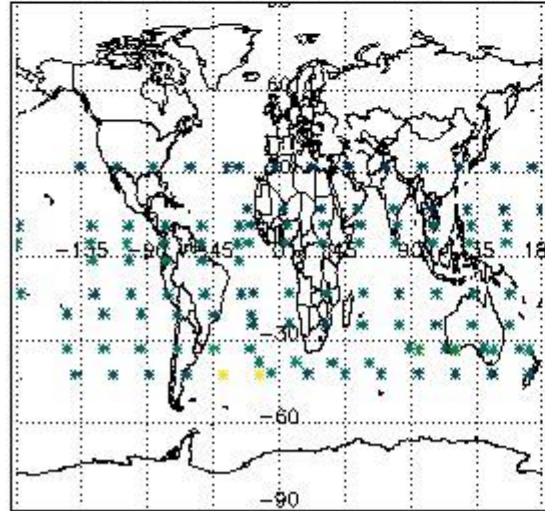
Percentage of flagged data per O3 profile



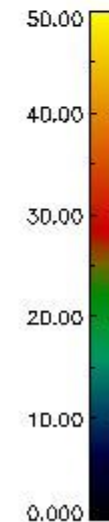
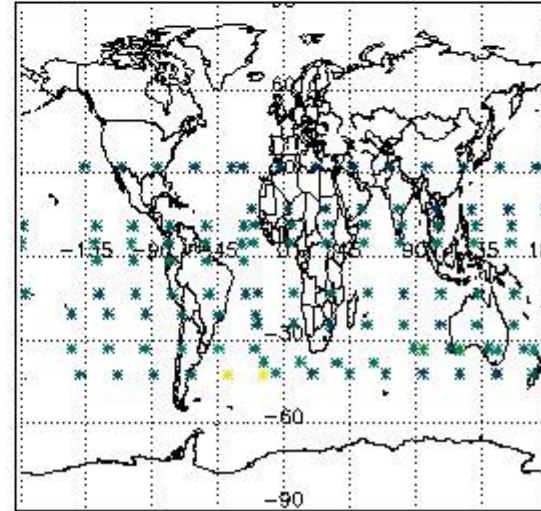
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

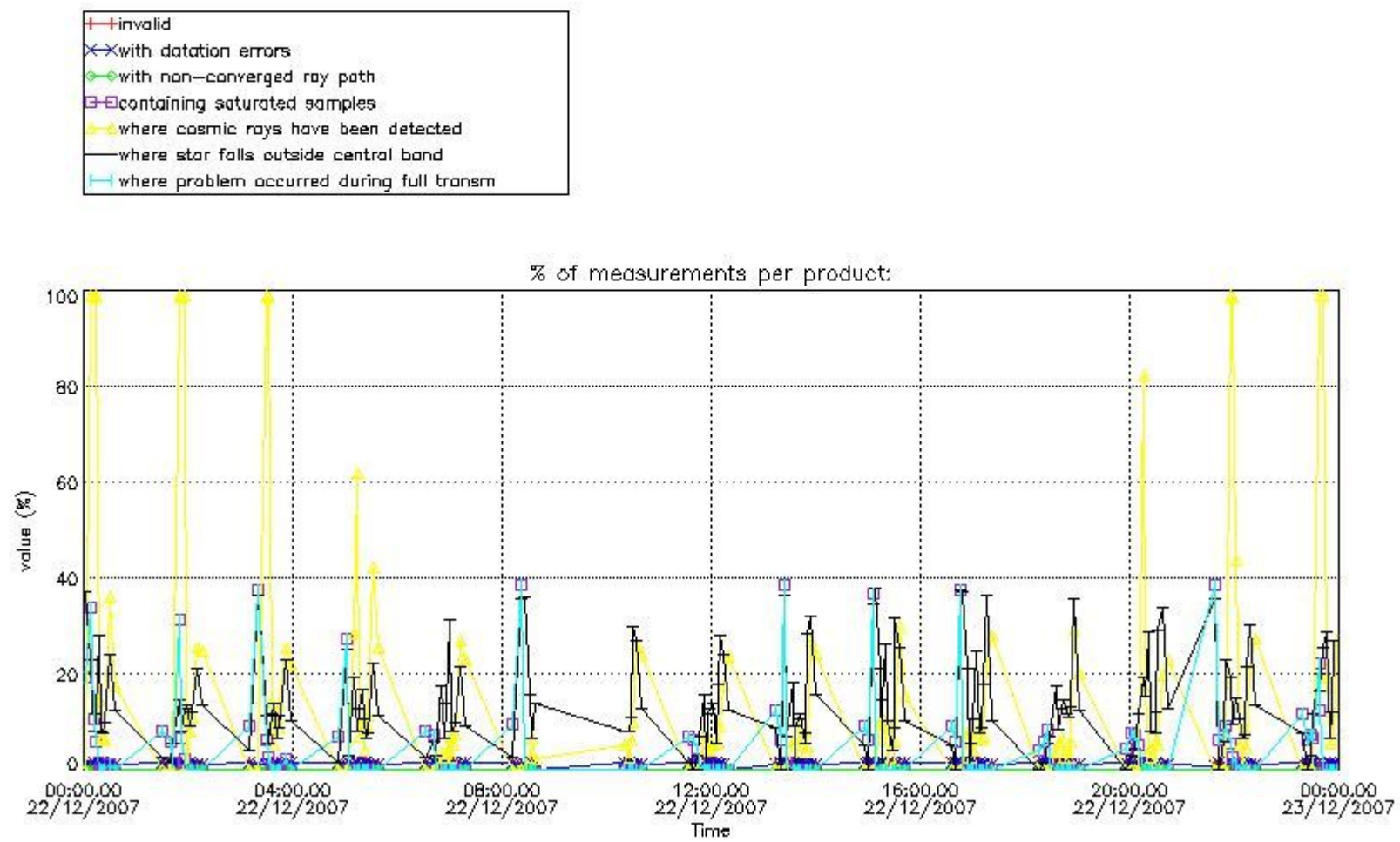


4. Level 1 quality information per product

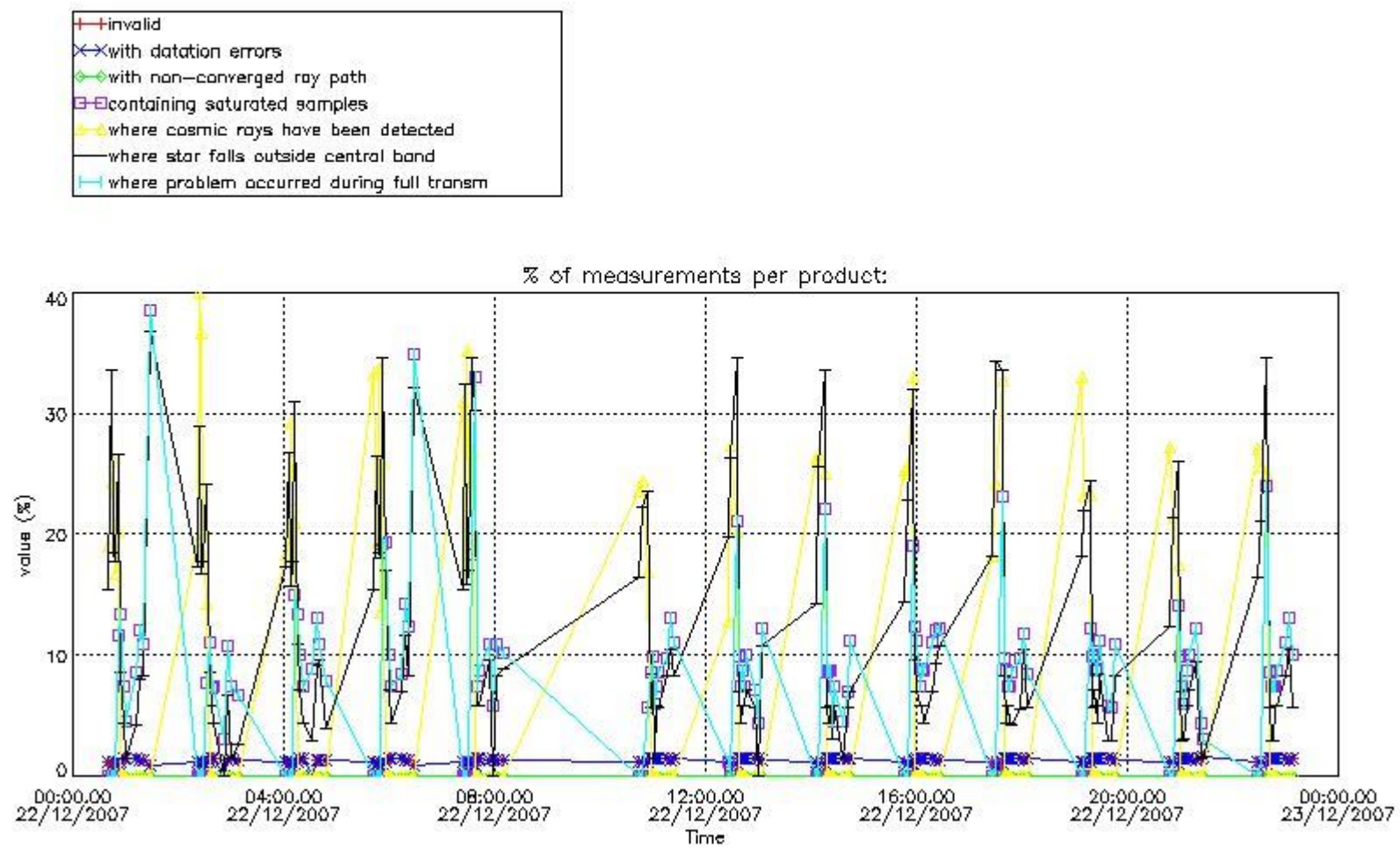
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



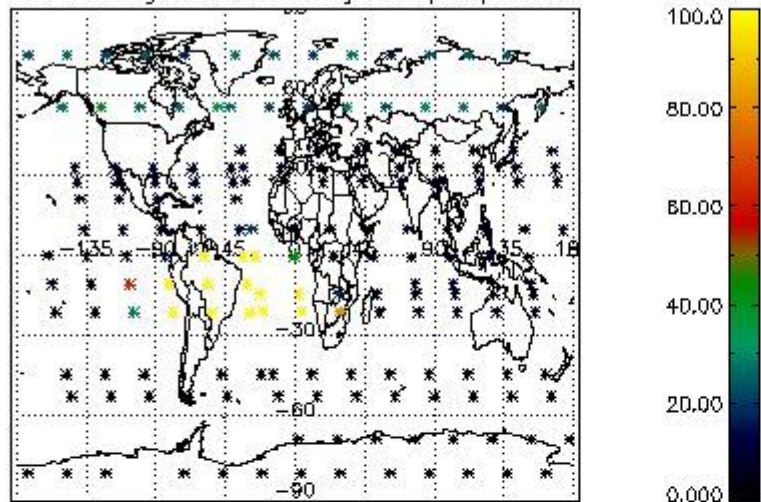
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



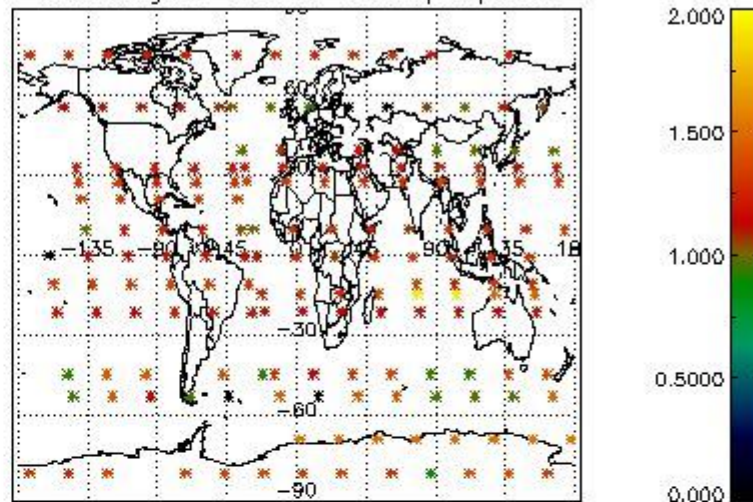
4.2 Plot quality information per product coming from level 1b processing (world map)

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

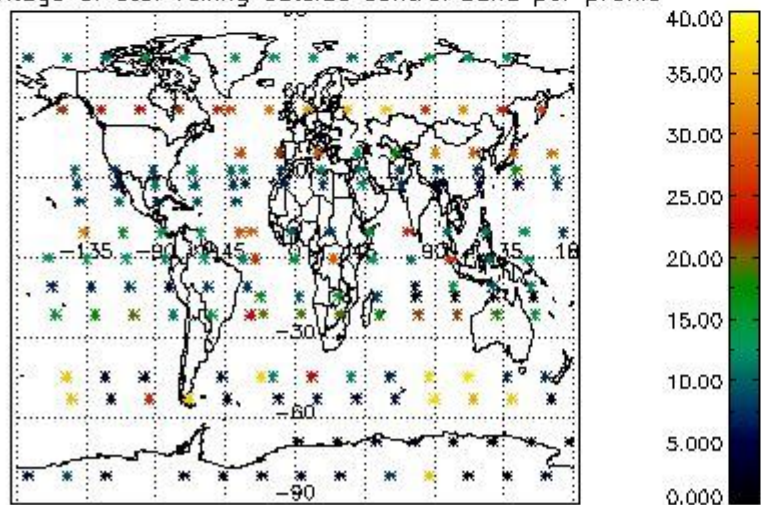
Percentage of cosmic ray hits per profile



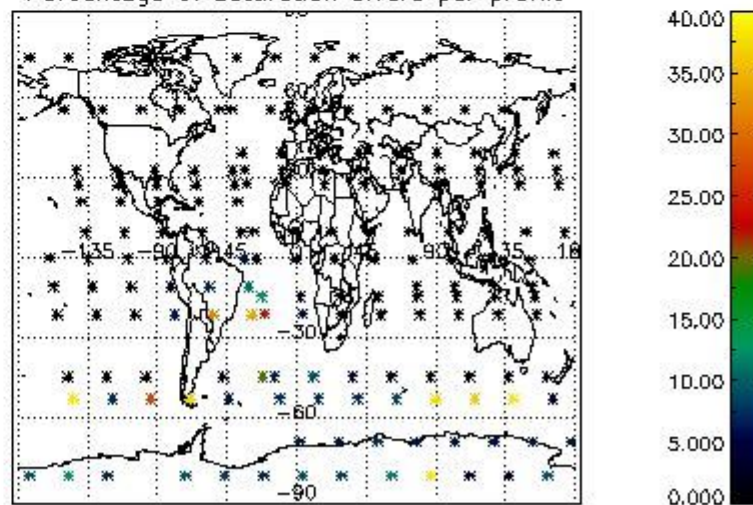
Percentage of datation errors per profile



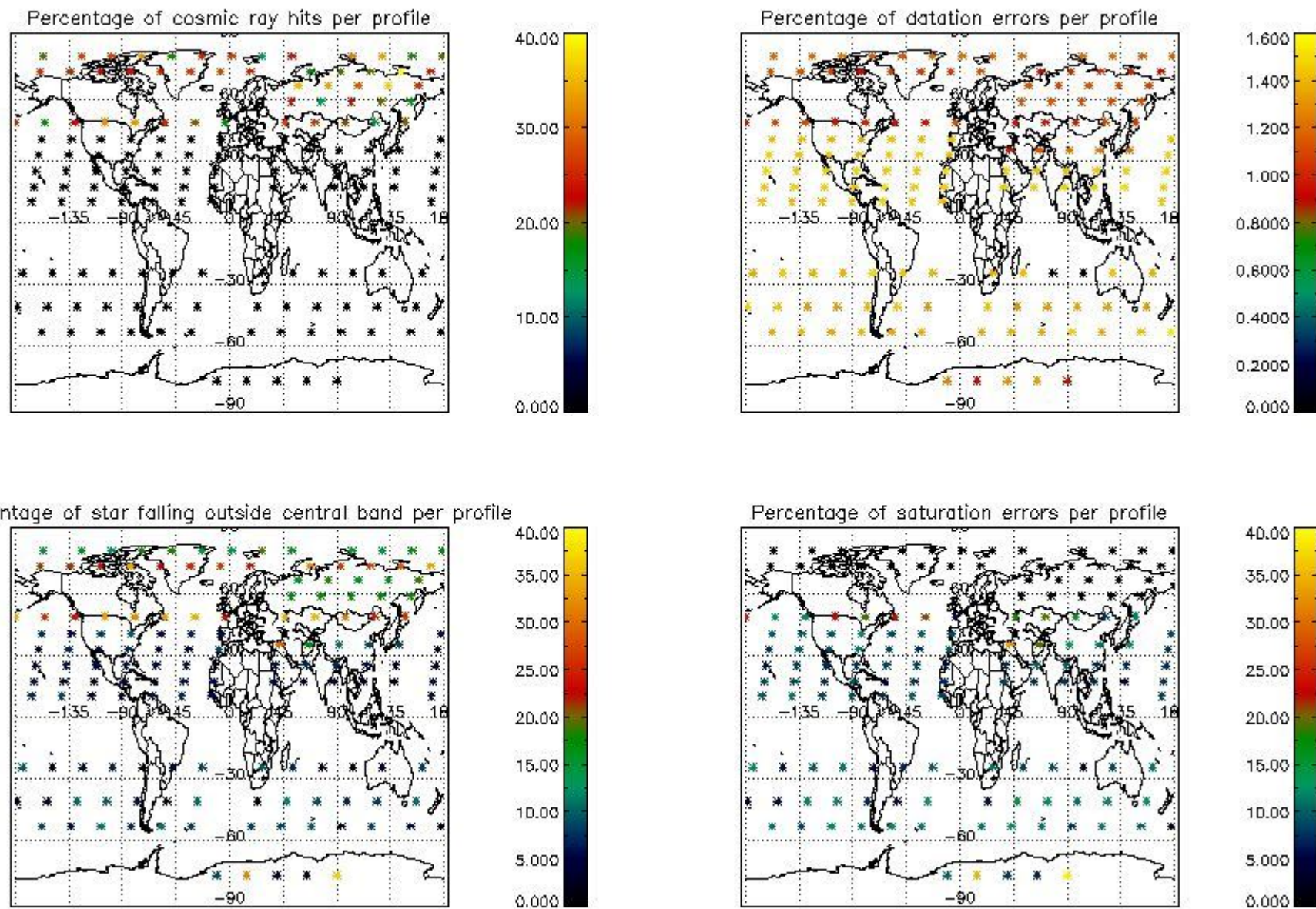
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

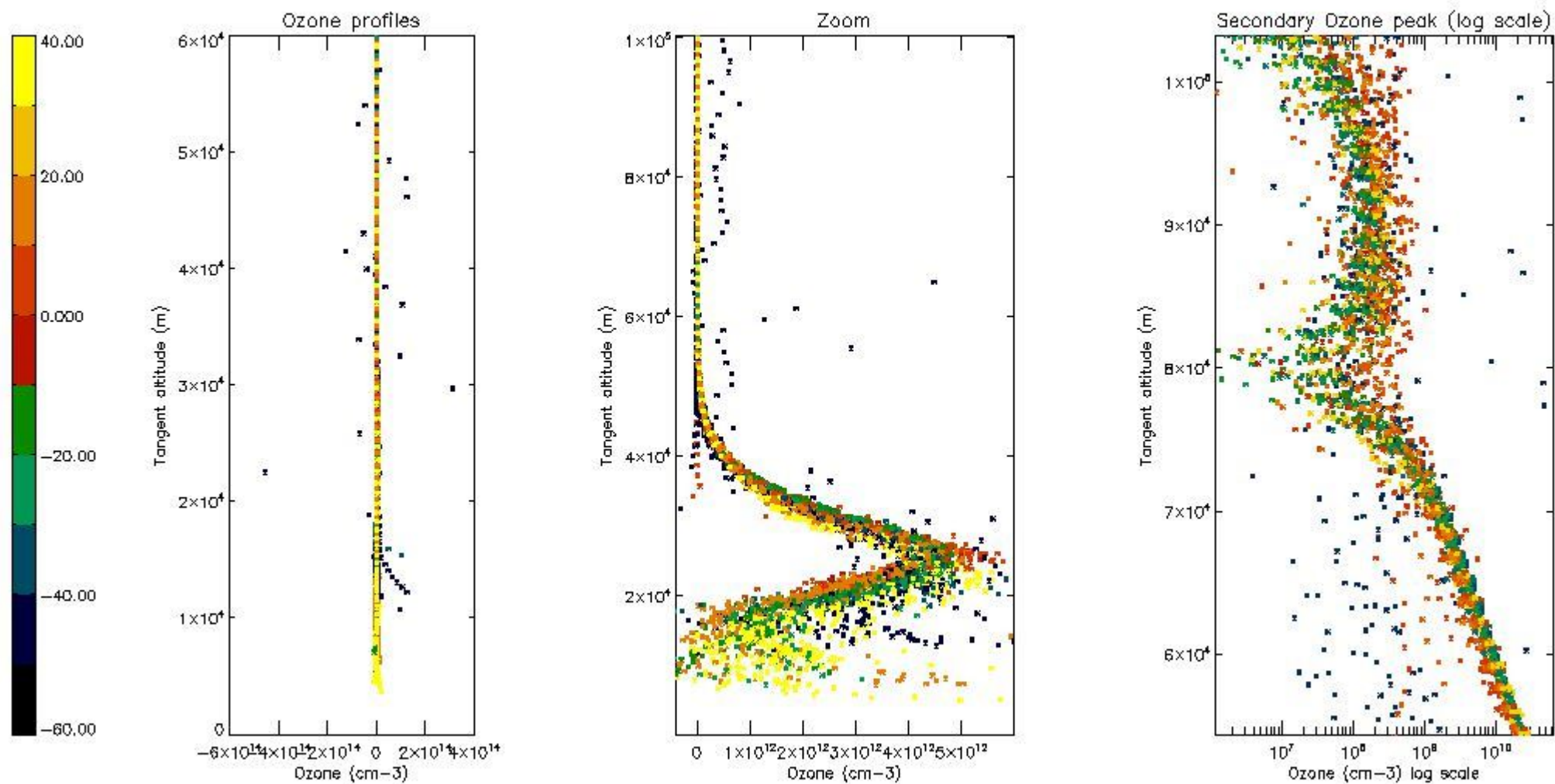
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	20

STD < 10	15
STD < 5	9

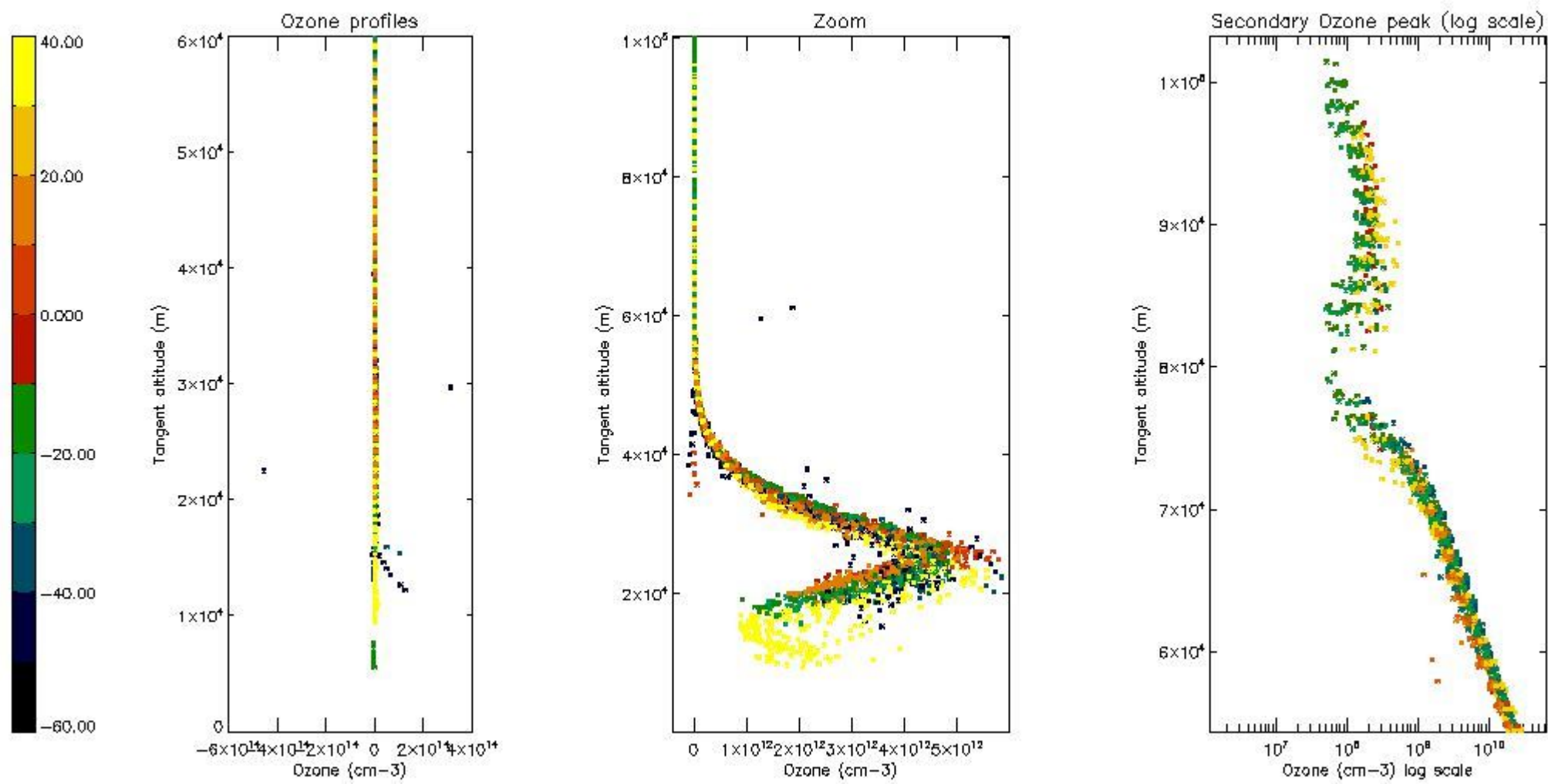
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



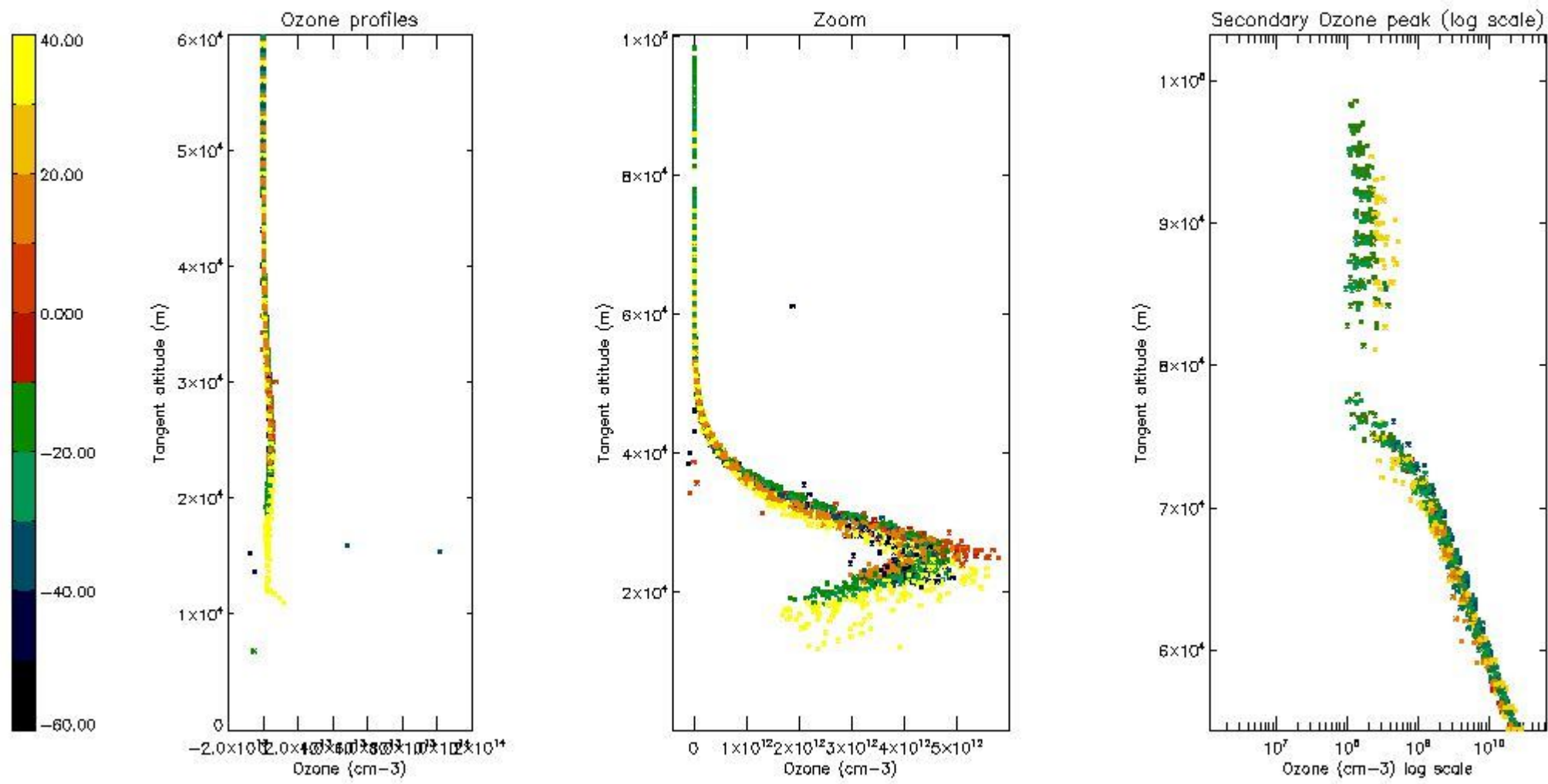
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



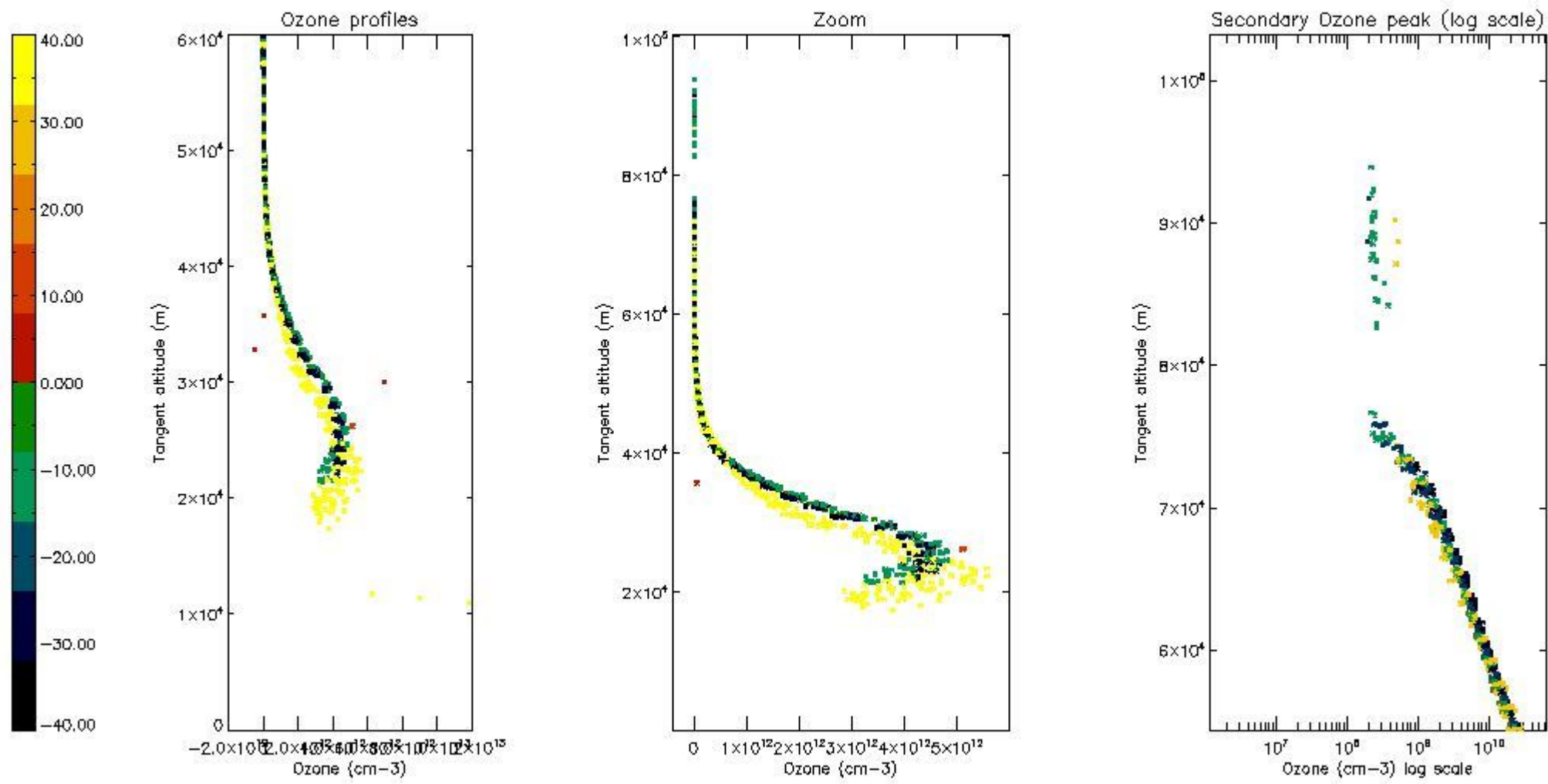
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



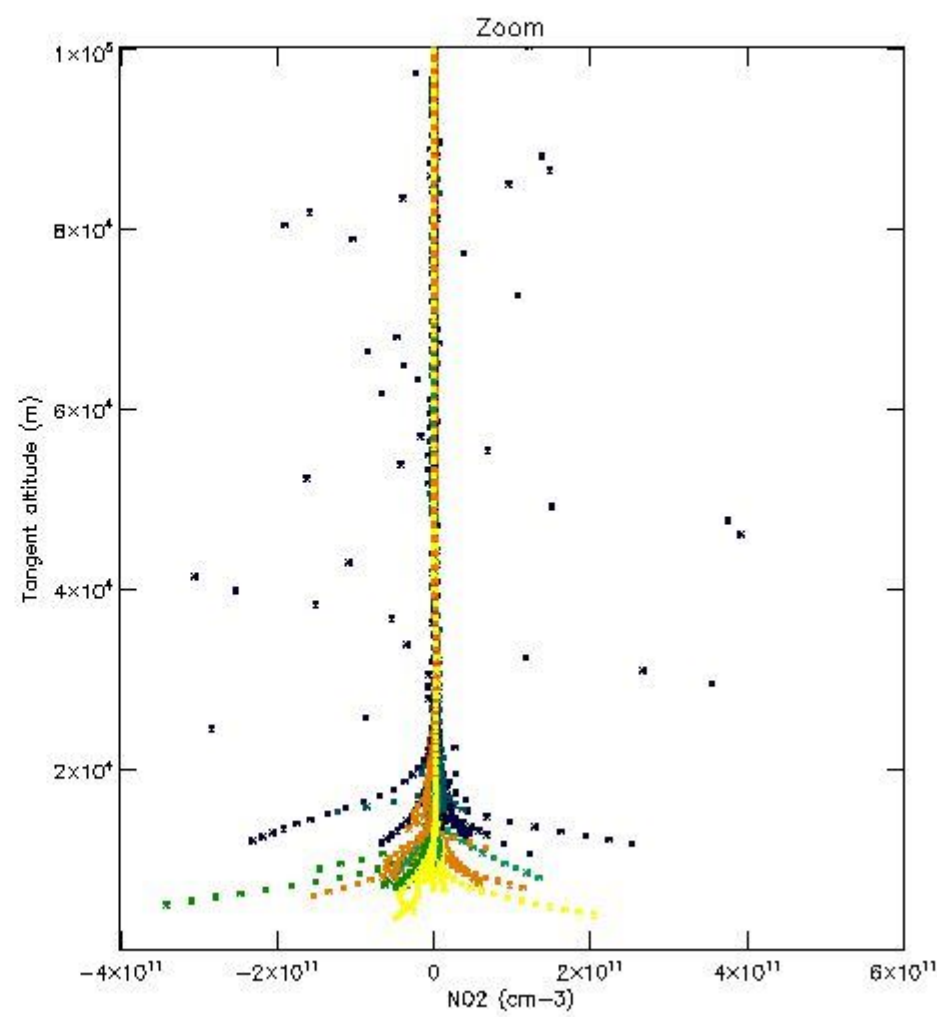
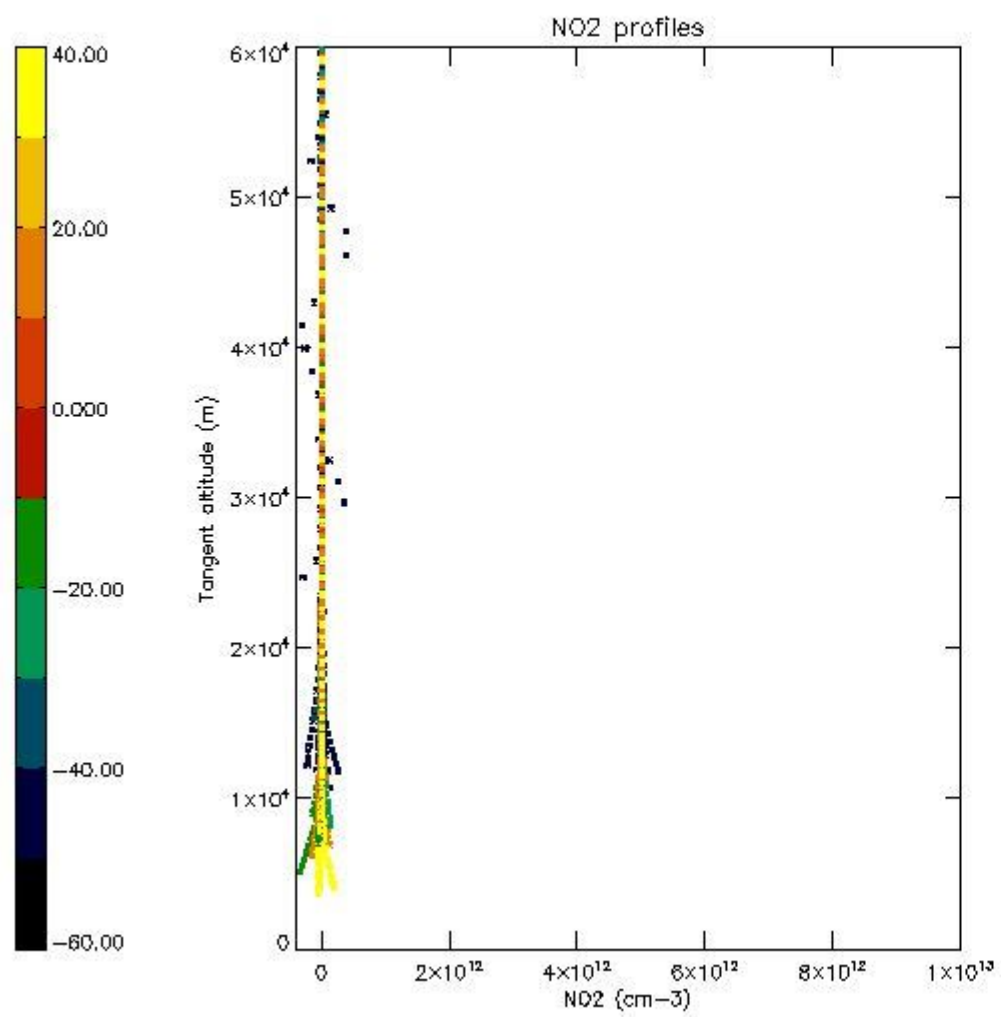
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



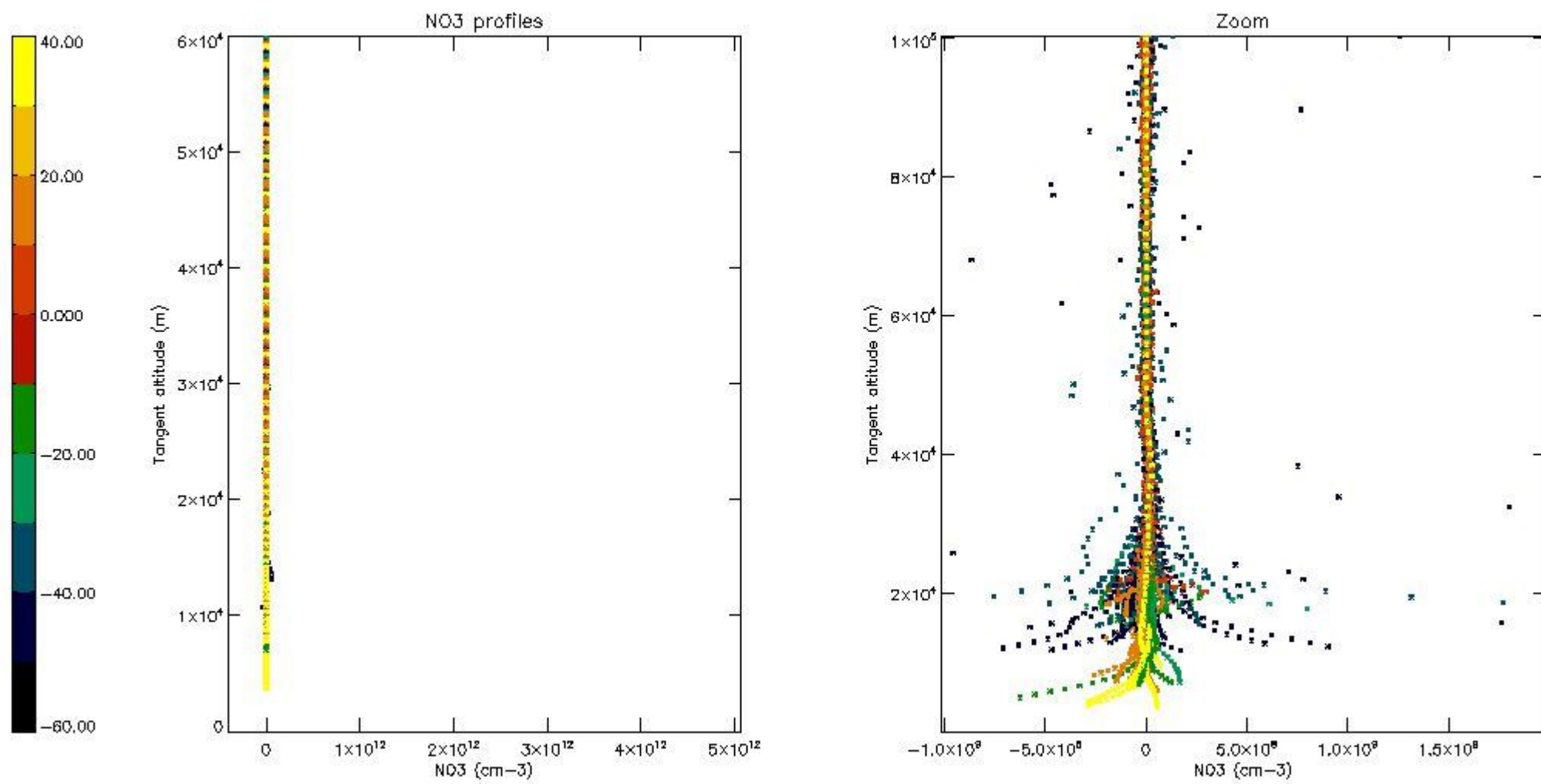
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



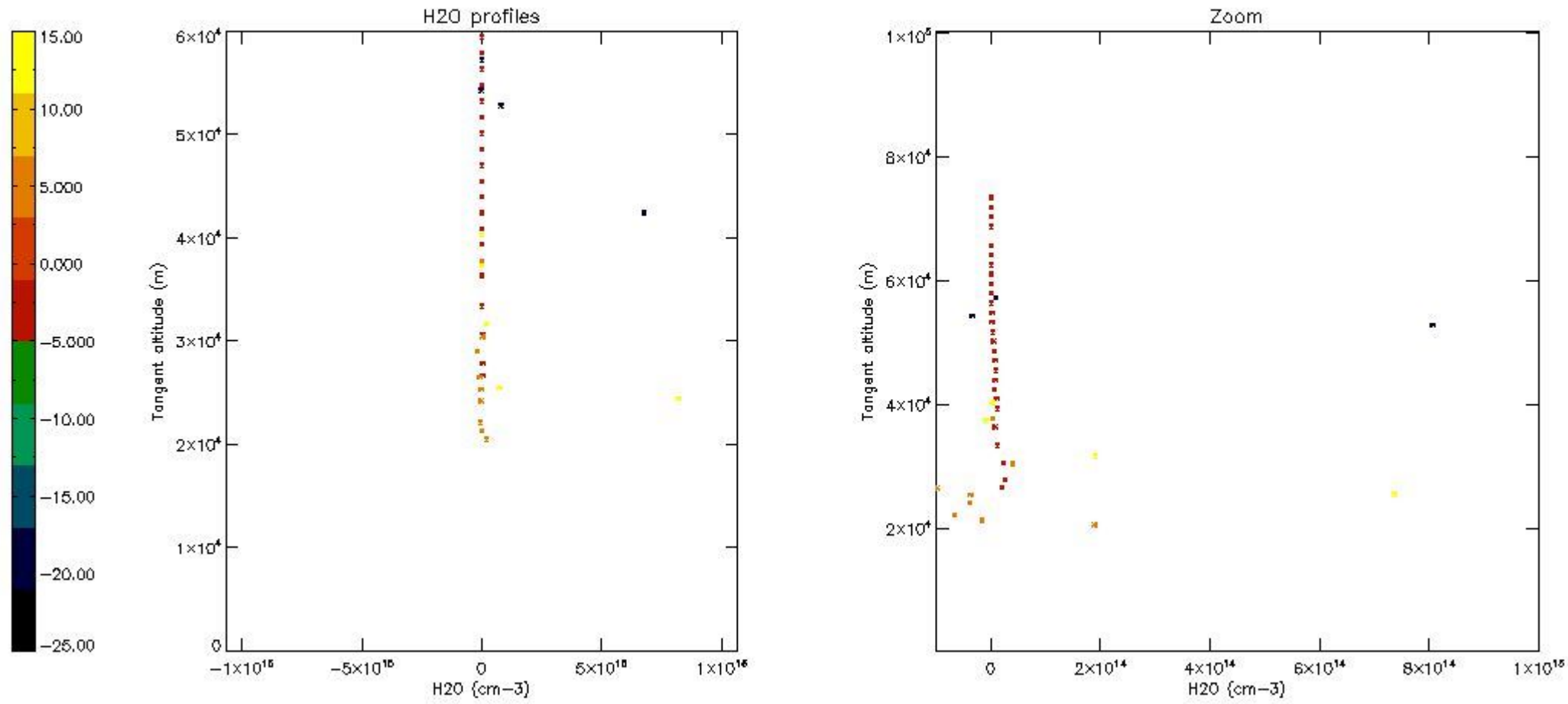
5.7 Plot NO3 profiles for all STD (dark without errors)

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	22-DEC-2007 00:01:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-DEC-2007 00:01:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-DEC-2007 00:01:59

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](#)

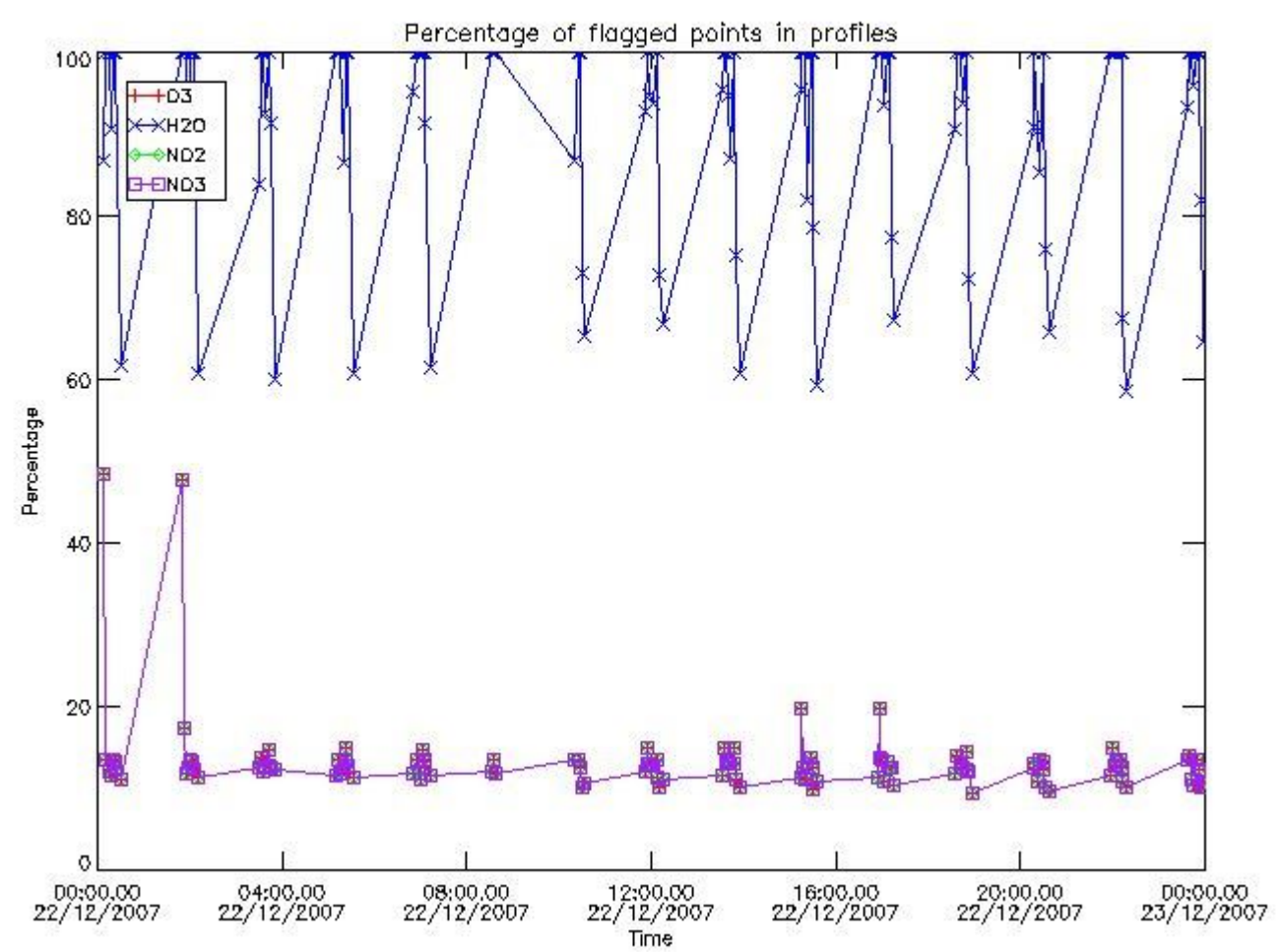
[6. Auxiliary Data Files used for the production reported in section 2](#)

279	GOM_NL__2PRFIN20071222_205102_000000452064_00272_30386_0610.N1	22-DEC-2007 20:51:02	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	30386	No
280	GOM_NL__2PRFIN20071222_205815_000000462064_00272_30386_0611.N1	22-DEC-2007 20:58:15	Tw_i_and_stray	46.000	13	87Alp Tau	0.86700	3800.0	92	30386	No
281	GOM_NL__2PRFIN20071222_210039_000000362064_00272_30386_0612.N1	22-DEC-2007 21:00:39	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	30386	No
282	GOM_NL__2PRFIN20071222_210245_000000342064_00272_30386_0613.N1	22-DEC-2007 21:02:45	Bright	34.000	150	44Zet Per	2.8900	28000.	68	30386	No
283	GOM_NL__2PRFIN20071222_210458_000000342064_00272_30386_0614.N1	22-DEC-2007 21:04:58	Bright	33.500	149	45Eps Per	2.8880	30000.	67	30386	No
284	GOM_NL__2PRFIN20071222_210712_000000352064_00272_30386_0615.N1	22-DEC-2007 21:07:12	Bright	34.500	175	39Del Per	3.0100	19400.	69	30386	No
285	GOM_NL__2PRFIN20071222_210908_000000352064_00272_30386_0616.N1	22-DEC-2007 21:09:08	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	30386	No
286	GOM_NL__2PRFIN20071222_211849_000000372064_00272_30386_0617.N1	22-DEC-2007 21:18:49	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	30386	No
287	GOM_NL__2PRFIN20071222_212328_000000342064_00272_30386_0618.N1	22-DEC-2007 21:23:28	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	30386	No
288	GOM_NL__2PRFIN20071222_212658_000000332064_00272_30386_0619.N1	22-DEC-2007 21:26:58	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	30386	No
289	GOM_NL__2PRFIN20071222_213734_000000562064_00272_30386_0620.N1	22-DEC-2007 21:37:34	Bright	56.000	83		2.3780	11000.	112	30386	No
290	GOM_NL__2PRFIN20071222_214242_000000332064_00272_30386_0621.N1	22-DEC-2007 21:42:42	Bright	33.000	102	24Alp Ser	2.6000	4250.0	66	30386	No
291	GOM_NL__2PRFIN20071222_214729_000000352064_00272_30386_0622.N1	22-DEC-2007 21:47:29	Bright	34.500	104	27Bet Lib	2.6140	13100.	69	30386	No
292	GOM_NL__2PRFIN20071222_214952_000000442064_00272_30386_0623.N1	22-DEC-2007 21:49:52	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	30386	No
293	GOM_NL__2PRFIN20071222_215627_000000452064_00272_30386_0624.N1	22-DEC-2007 21:56:27	Dark	44.500	54	5The Cen	2.0550	4500.0	89	30386	No
294	GOM_NL__2PRFIN20071222_215817_000000382064_00272_30386_0625.N1	22-DEC-2007 21:58:17	Dark	37.500	78	Alp Lup	2.3040	28000.	75	30386	No
295	GOM_NL__2PRFIN20071222_220213_000000402064_00272_30386_0626.N1	22-DEC-2007 22:02:13	Dark	40.000	10	Bet Cen	0.61000	28000.	80	30386	No
296	GOM_NL__2PRFIN20071222_220505_000000392064_00273_30387_0617.N1	22-DEC-2007 22:05:05	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	30387	No
297	GOM_NL__2PRFIN20071222_221004_000000382064_00273_30387_0618.N1	22-DEC-2007 22:10:04	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30387	No
298	GOM_NL__2PRFIN20071222_221135_000000412064_00273_30387_0619.N1	22-DEC-2007 22:11:35	Dark	40.500	71	Iot Car	2.2460	7700.0	81	30387	No
299	GOM_NL__2PRFIN20071222_221323_000000472064_00273_30387_0620.N1	22-DEC-2007 22:13:23	Dark	46.500	41	Eps Car	1.8600	4100.0	93	30387	No
300	GOM_NL__2PRFIN20071222_221800_000000502064_00273_30387_0621.N1	22-DEC-2007 22:18:00	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	30387	No
301	GOM_NL__2PRFIN20071222_222353_000000412064_00273_30387_0622.N1	22-DEC-2007 22:23:53	Straylight	40.500	108	Alp Col	2.6520	15200.	81	30387	No
302	GOM_NL__2PRFIN20071222_222841_000000432064_00273_30387_0623.N1	22-DEC-2007 22:28:41	Straylight	42.500	101	11Alp Lep	2.5820	7000.0	85	30387	No
303	GOM_NL__2PRFIN20071222_223138_000000452064_00273_30387_0624.N1	22-DEC-2007 22:31:38	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	30387	No
304	GOM_NL__2PRFIN20071222_223851_000000522064_00273_30387_0625.N1	22-DEC-2007 22:38:51	Tw_i_and_stray	52.000	13	87Alp Tau	0.86700	3800.0	104	30387	No
305	GOM_NL__2PRFIN20071222_224116_000000352064_00273_30387_0626.N1	22-DEC-2007 22:41:16	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	30387	No
306	GOM_NL__2PRFIN20071222_224320_000000342064_00273_30387_0627.N1	22-DEC-2007 22:43:20	Bright	34.000	150	44Zet Per	2.8900	28000.	68	30387	No
307	GOM_NL__2PRFIN20071222_224534_000000342064_00273_30387_0628.N1	22-DEC-2007 22:45:34	Bright	34.000	149	45Eps Per	2.8880	30000.	68	30387	No
308	GOM_NL__2PRFIN20071222_224749_000000342064_00273_30387_0629.N1	22-DEC-2007 22:47:49	Bright	34.000	175	39Del Per	3.0100	19400.	68	30387	No
309	GOM_NL__2PRFIN20071222_224944_000000352064_00273_30387_0630.N1	22-DEC-2007 22:49:44	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	30387	No
310	GOM_NL__2PRFIN20071222_225925_000000362064_00273_30387_0631.N1	22-DEC-2007 22:59:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30387	No
311	GOM_NL__2PRFIN20071222_230404_000000382064_00273_30387_0632.N1	22-DEC-2007 23:04:04	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	30387	No
312	GOM_NL__2PRFIN20071222_230734_000000352064_00273_30387_0633.N1	22-DEC-2007 23:07:34	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	30387	No
313	GOM_NL__2PRFIN20071222_231810_000000392064_00273_30387_0634.N1	22-DEC-2007 23:18:10	Bright	39.000	83		2.3780	11000.	78	30387	No
314	GOM_NL__2PRFIN20071222_232318_000000332064_00273_30387_0635.N1	22-DEC-2007 23:23:18	Bright	33.000	102	24Alp Ser	2.6000	4250.0	66	30387	No
315	GOM_NL__2PRFIN20071222_232805_000000352064_00273_30387_0636.N1	22-DEC-2007 23:28:05	Bright	34.500	104	27Bet Lib	2.6140	13100.	69	30387	No
316	GOM_NL__2PRFIN20071222_233028_000000392064_00273_30387_0637.N1	22-DEC-2007 23:30:28	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	30387	No
317	GOM_NL__2PRFIN20071222_233703_000000452064_00273_30387_0638.N1	22-DEC-2007 23:37:03	Dark	45.000	54	5The Cen	2.0550	4500.0	90	30387	No
318	GOM_NL__2PRFIN20071222_233853_000000402064_00273_30387_0639.N1	22-DEC-2007 23:38:53	Dark	40.000	78	Alp Lup	2.3040	28000.	80	30387	No
319	GOM_NL__2PRFIN20071222_234249_000000462064_00273_30387_0640.N1	22-DEC-2007 23:42:49	Dark	45.500	10	Bet Cen	0.61000	28000.	91	30387	No
320	GOM_NL__2PRFIN20071222_234541_000000492064_00274_30388_0630.N1	22-DEC-2007 23:45:41	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	30388	No
321	GOM_NL__2PRFIN20071222_235041_000000382064_00274_30388_0631.N1	22-DEC-2007 23:50:41	Dark	37.500	159	Ups Car	2.9200	7200.0	75	30388	No
322	GOM_NL__2PRFIN20071222_235212_000000422064_00274_30388_0632.N1	22-DEC-2007 23:52:12	Dark	41.500	71	Iot Car	2.2460	7700.0	83	30388	No
323	GOM_NL__2PRFIN20071222_235359_000000502064_00274_30388_0633.N1	22-DEC-2007 23:53:59	Dark	50.000	41	Eps Car	1.8600	4100.0	100	30388	No
324	GOM_NL__2PRFIN20071222_235836_000000492064_00274_30388_0634.N1	22-DEC-2007 23:58:36	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	30388	No

3. Quality information per product

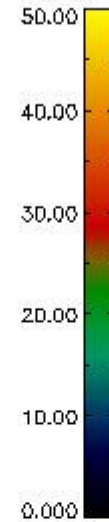
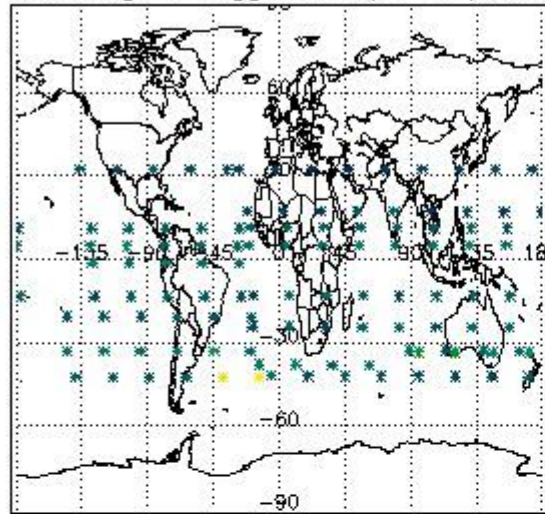
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

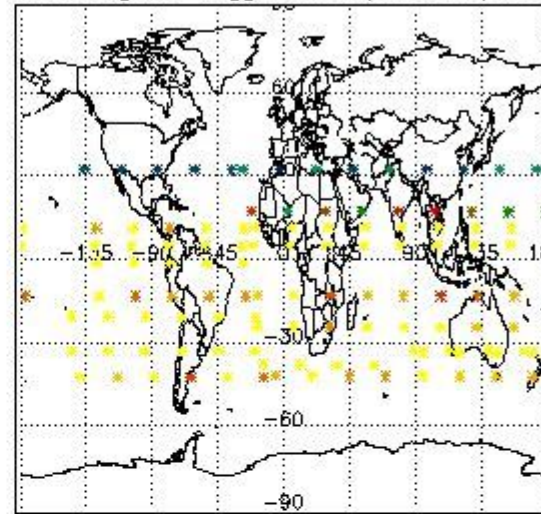


3.2 Plot quality information per product (world map)

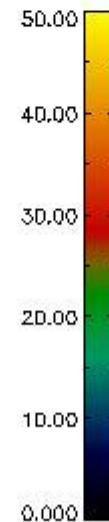
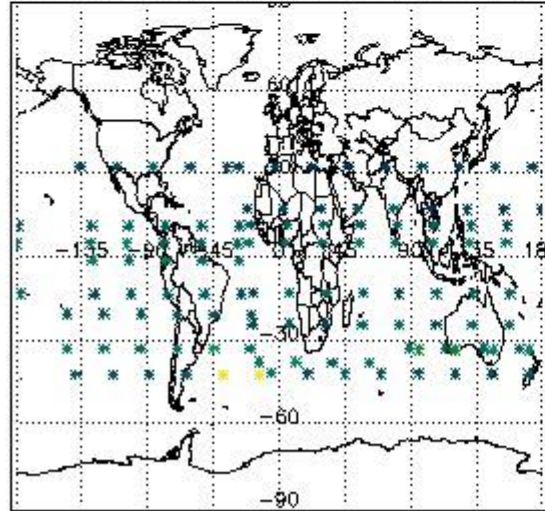
Percentage of flagged data per O3 profile



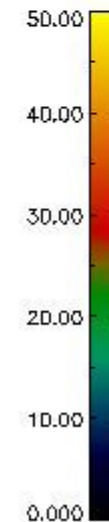
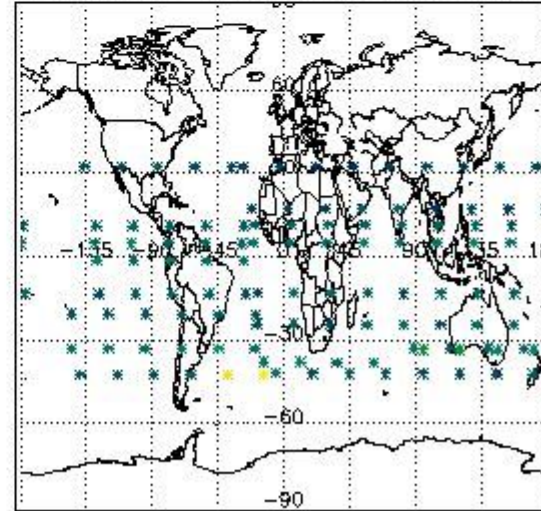
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

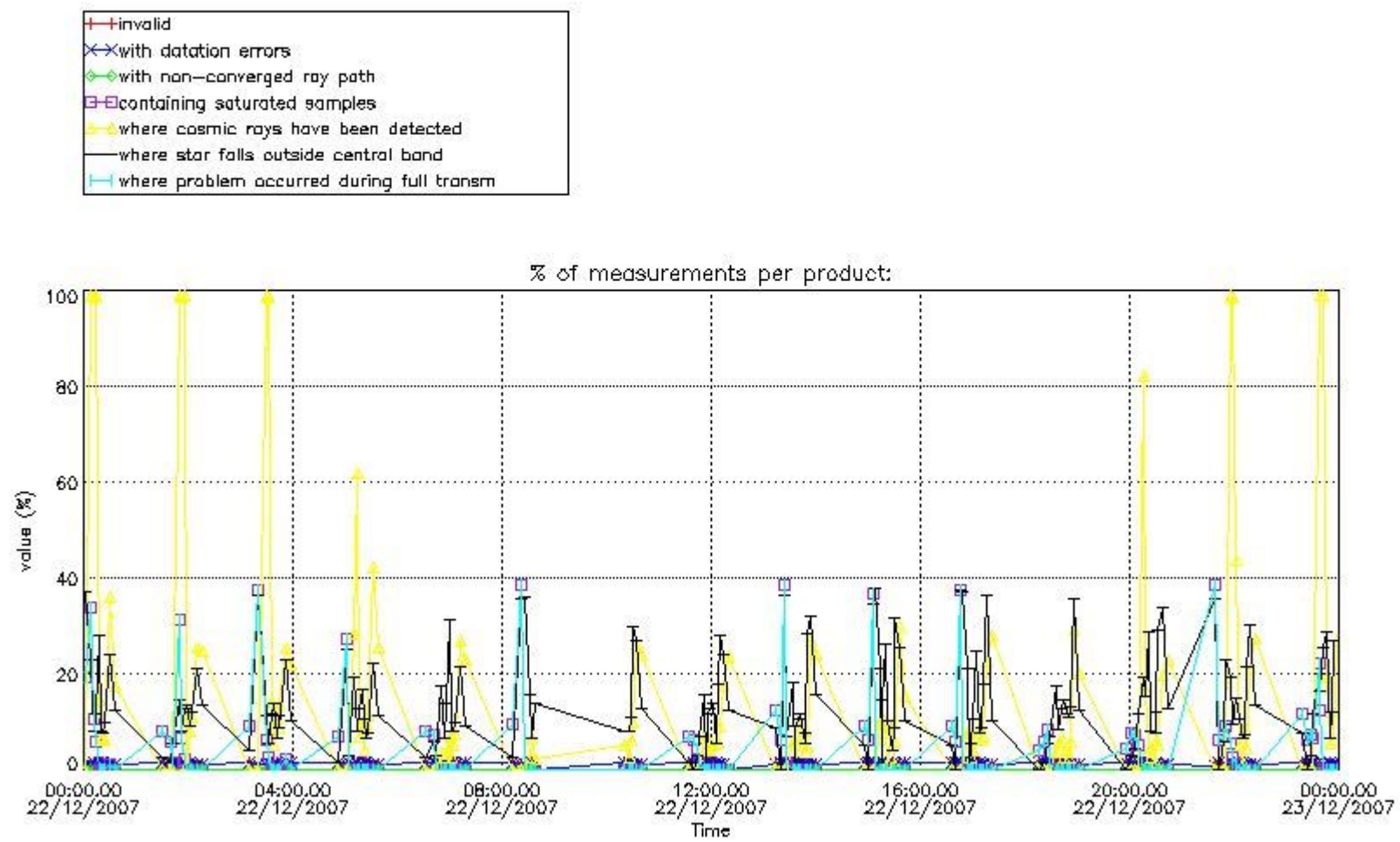


4. Level 1 quality information per product

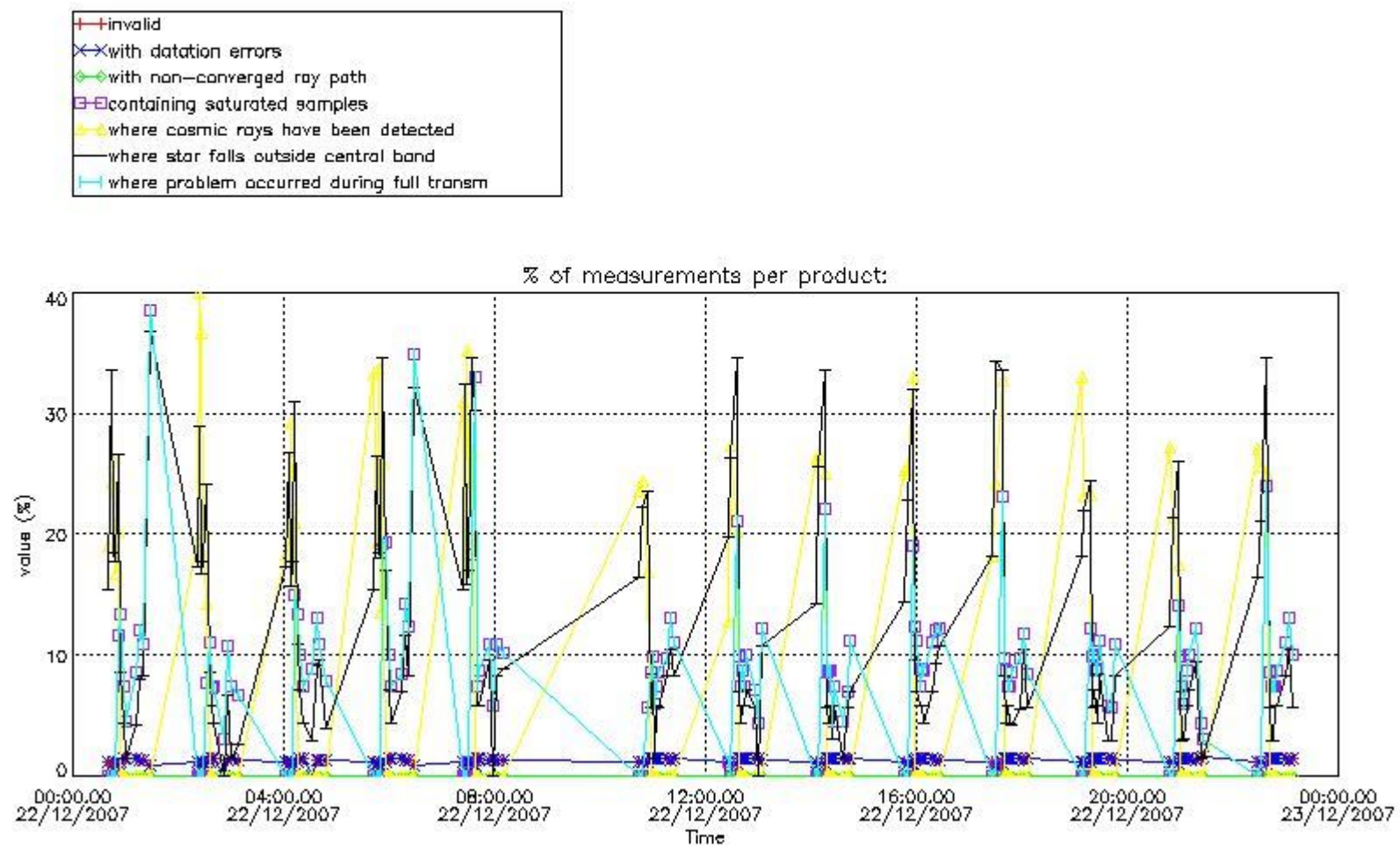
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



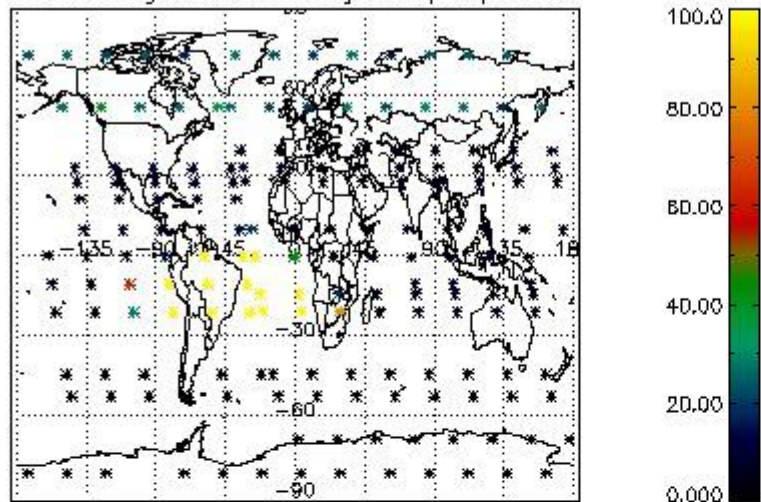
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



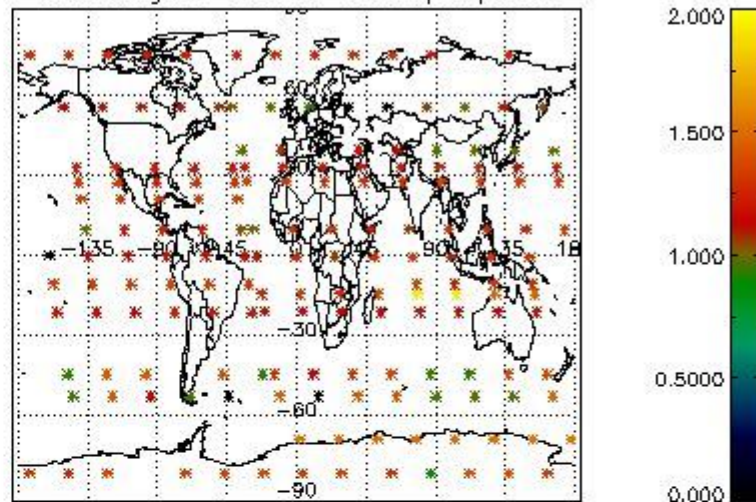
4.2 Plot quality information per product coming from level 1b processing (world map)

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

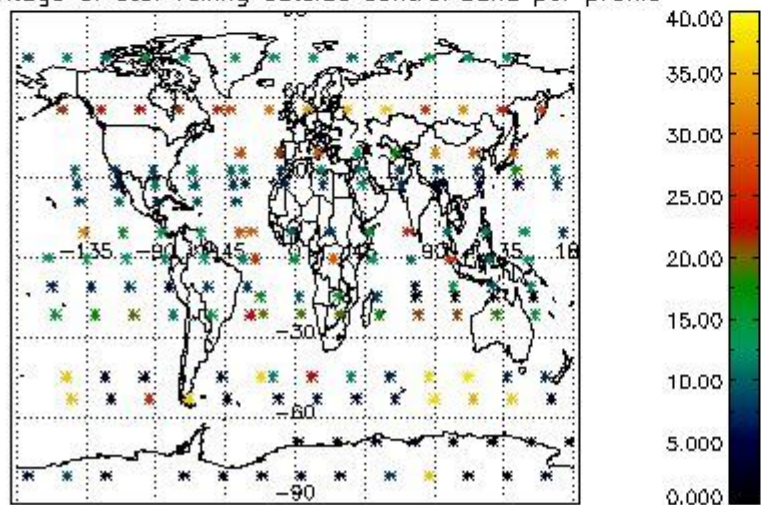
Percentage of cosmic ray hits per profile



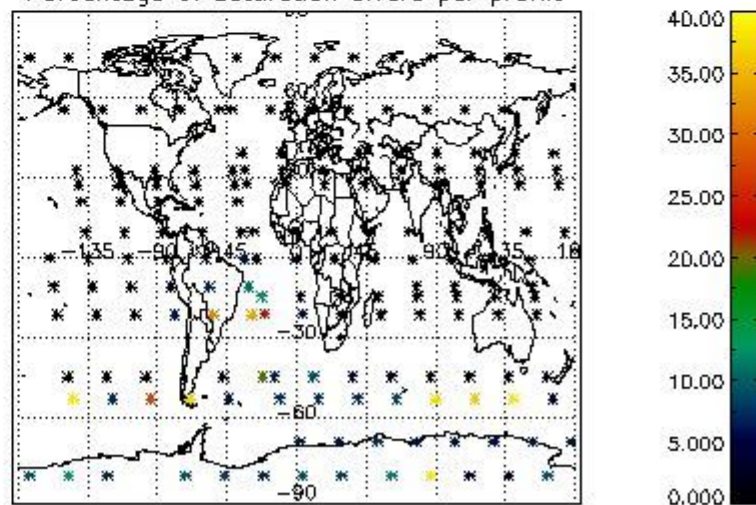
Percentage of datation errors per profile



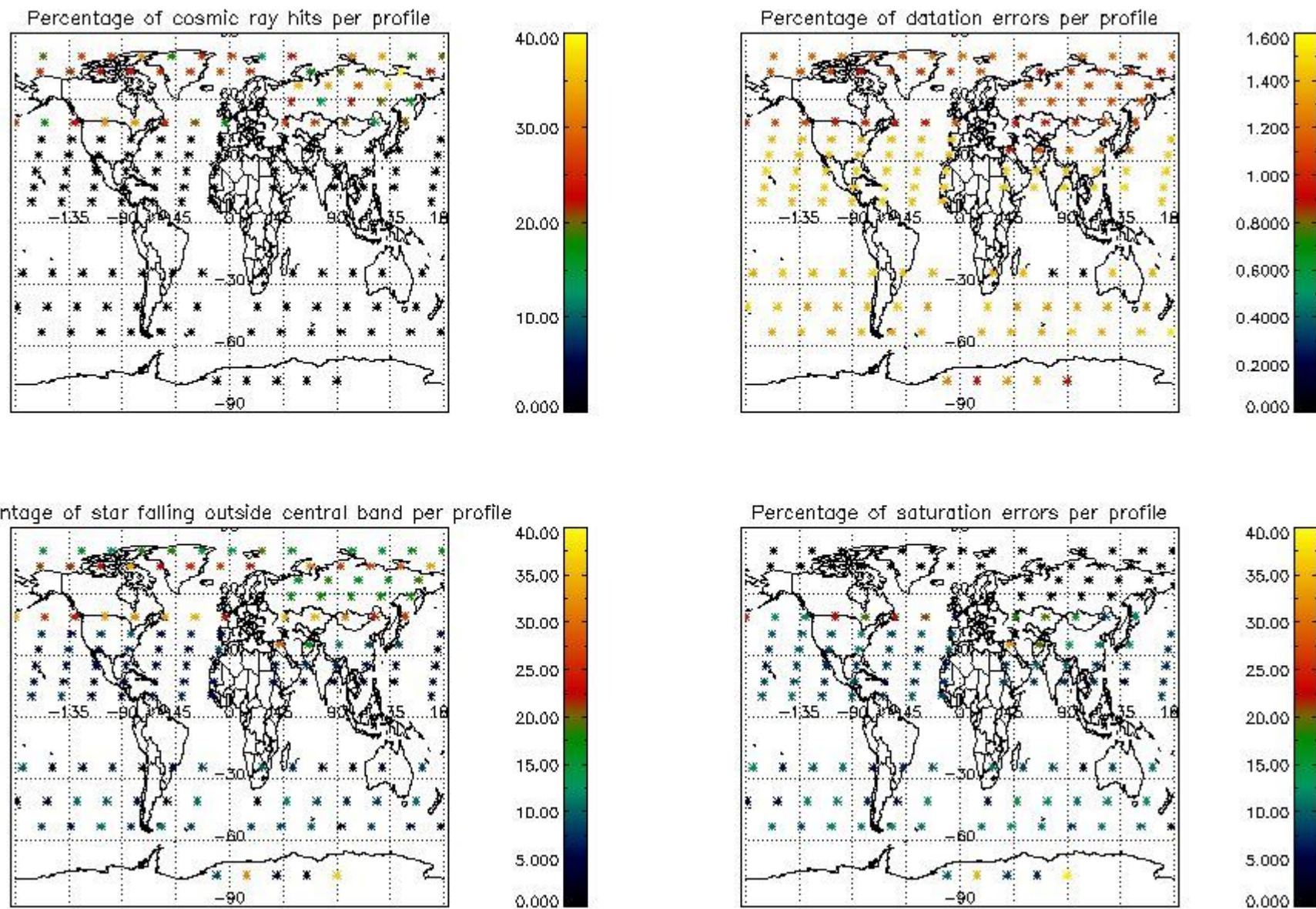
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

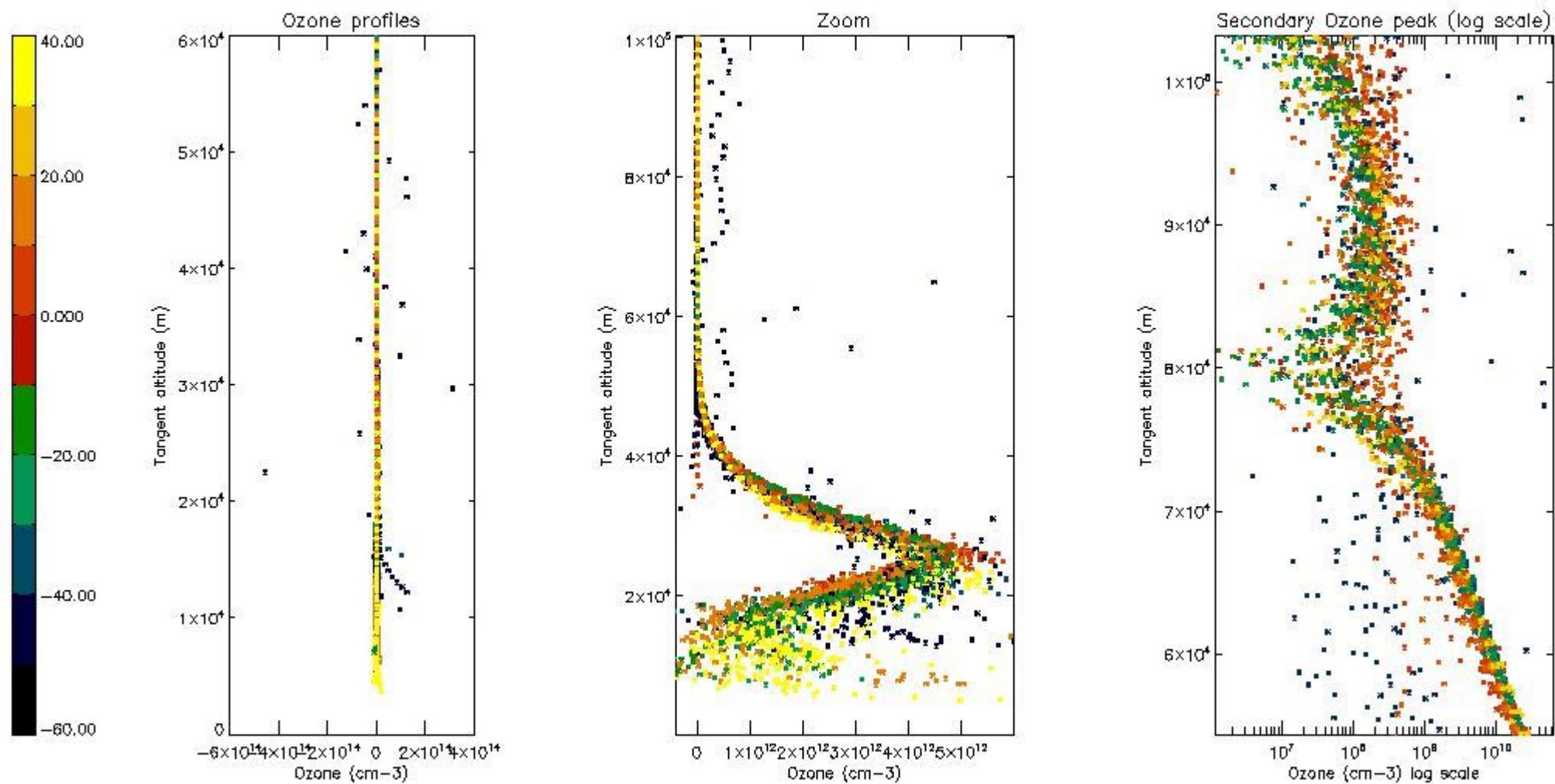
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	20

STD < 10	15
STD < 5	9

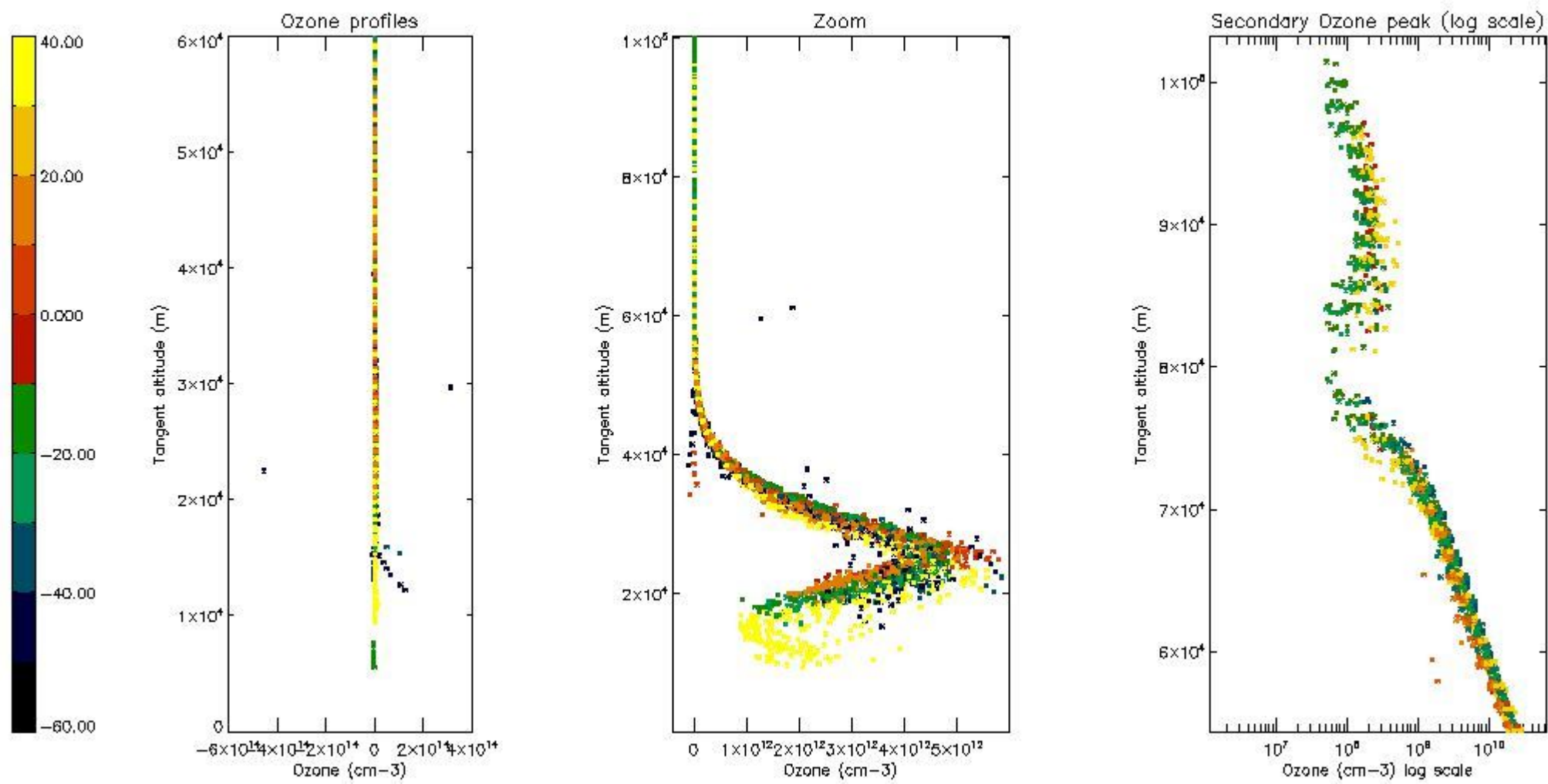
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



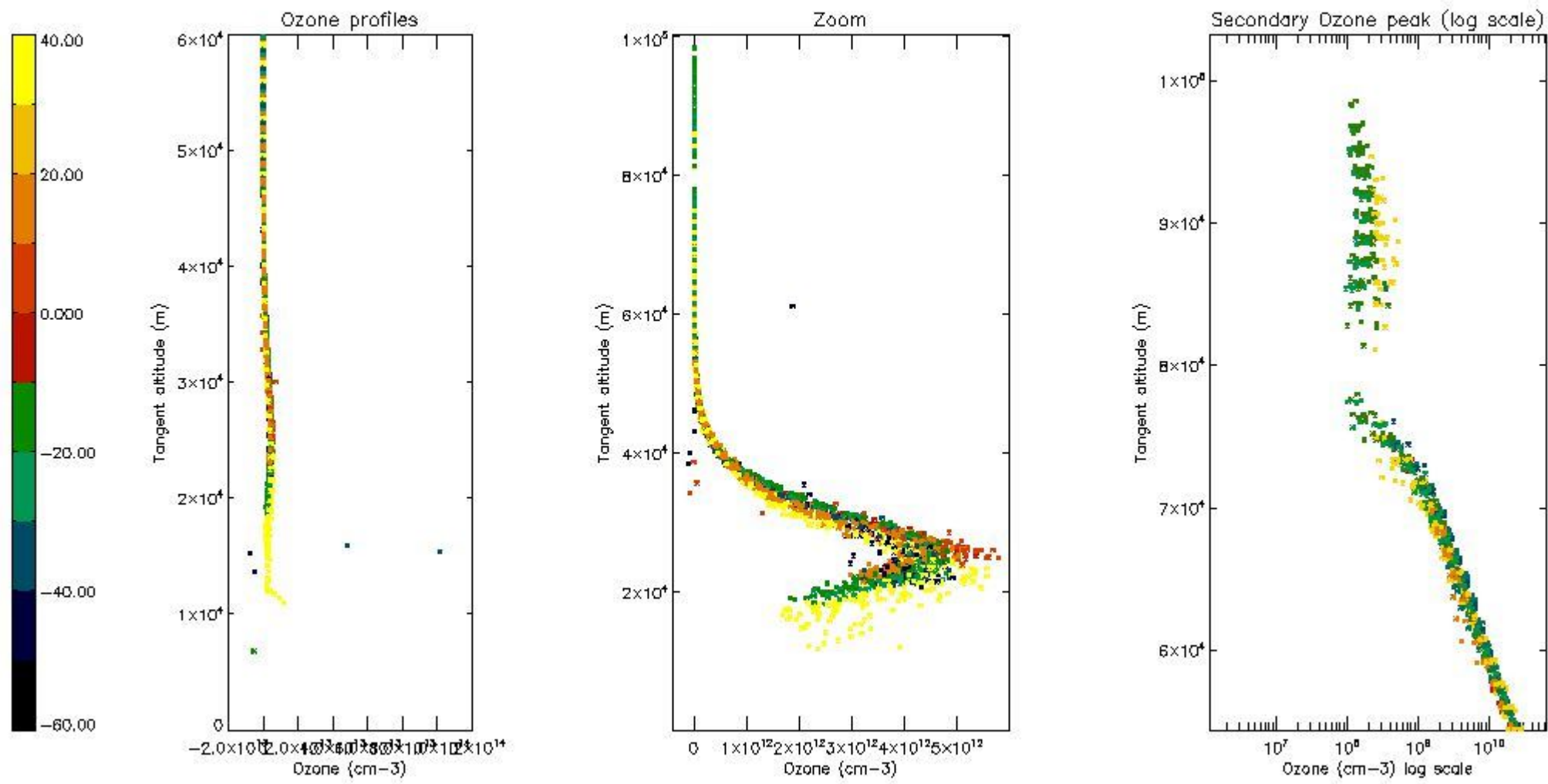
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



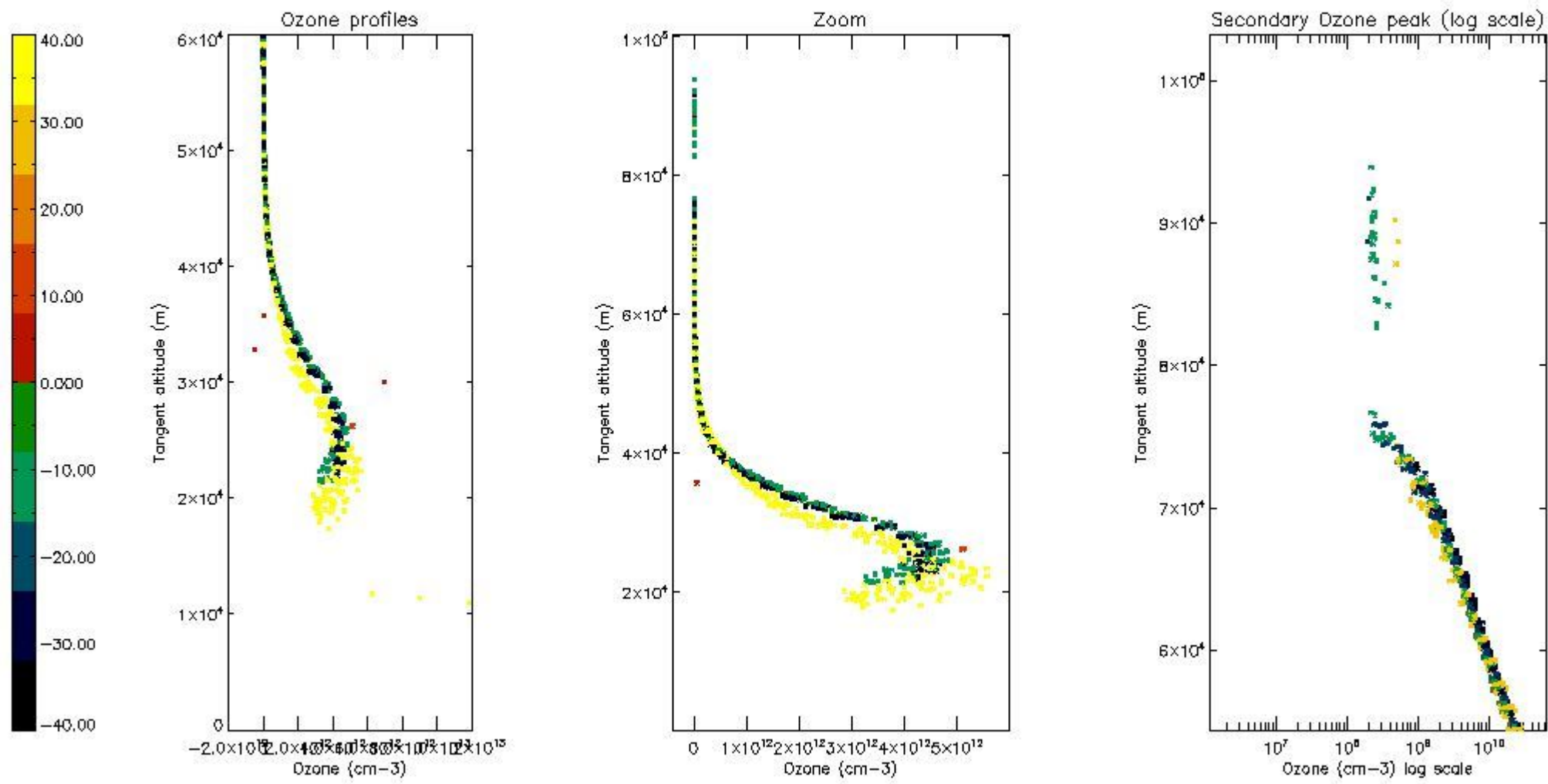
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



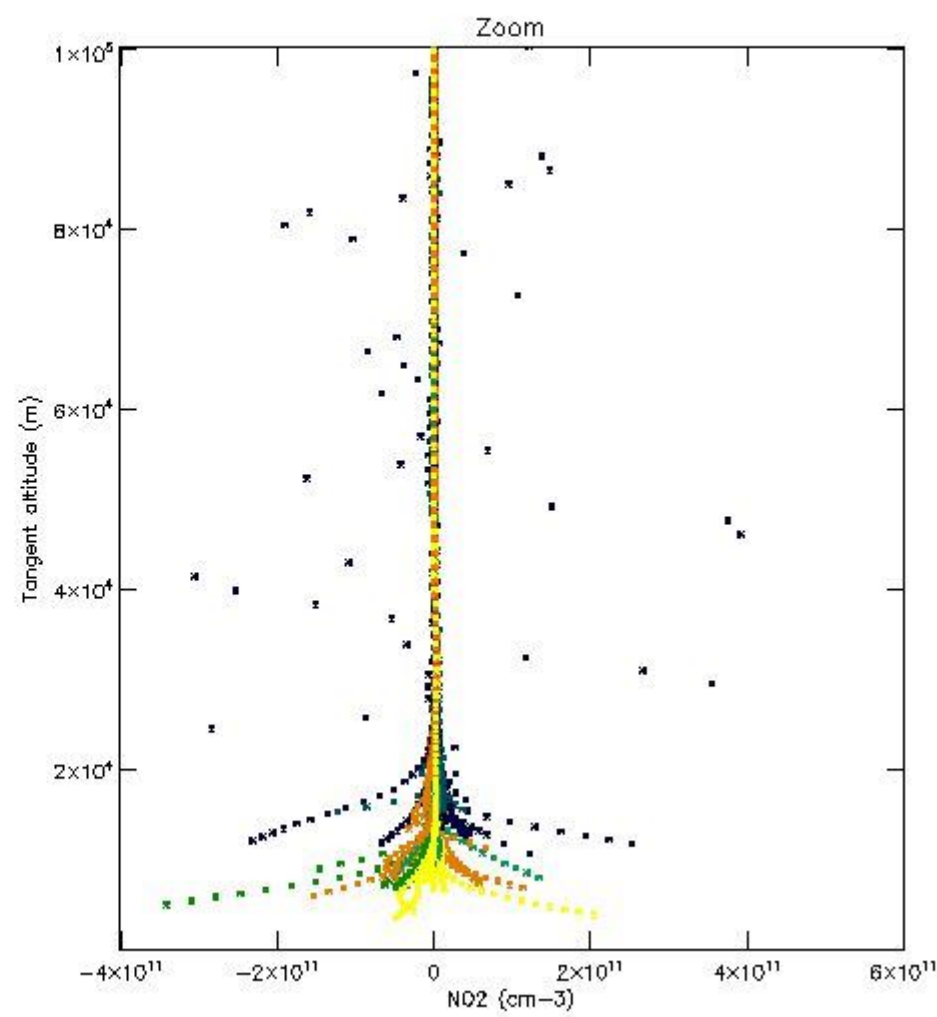
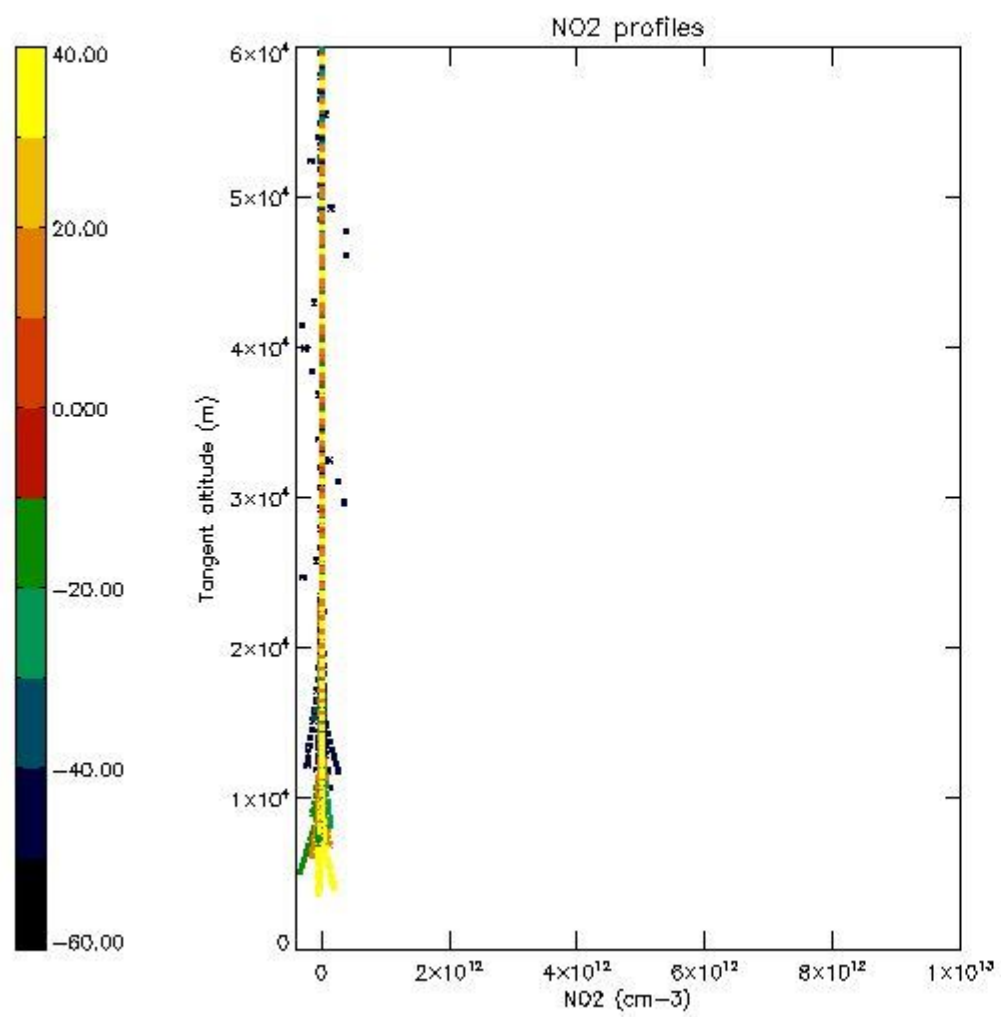
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



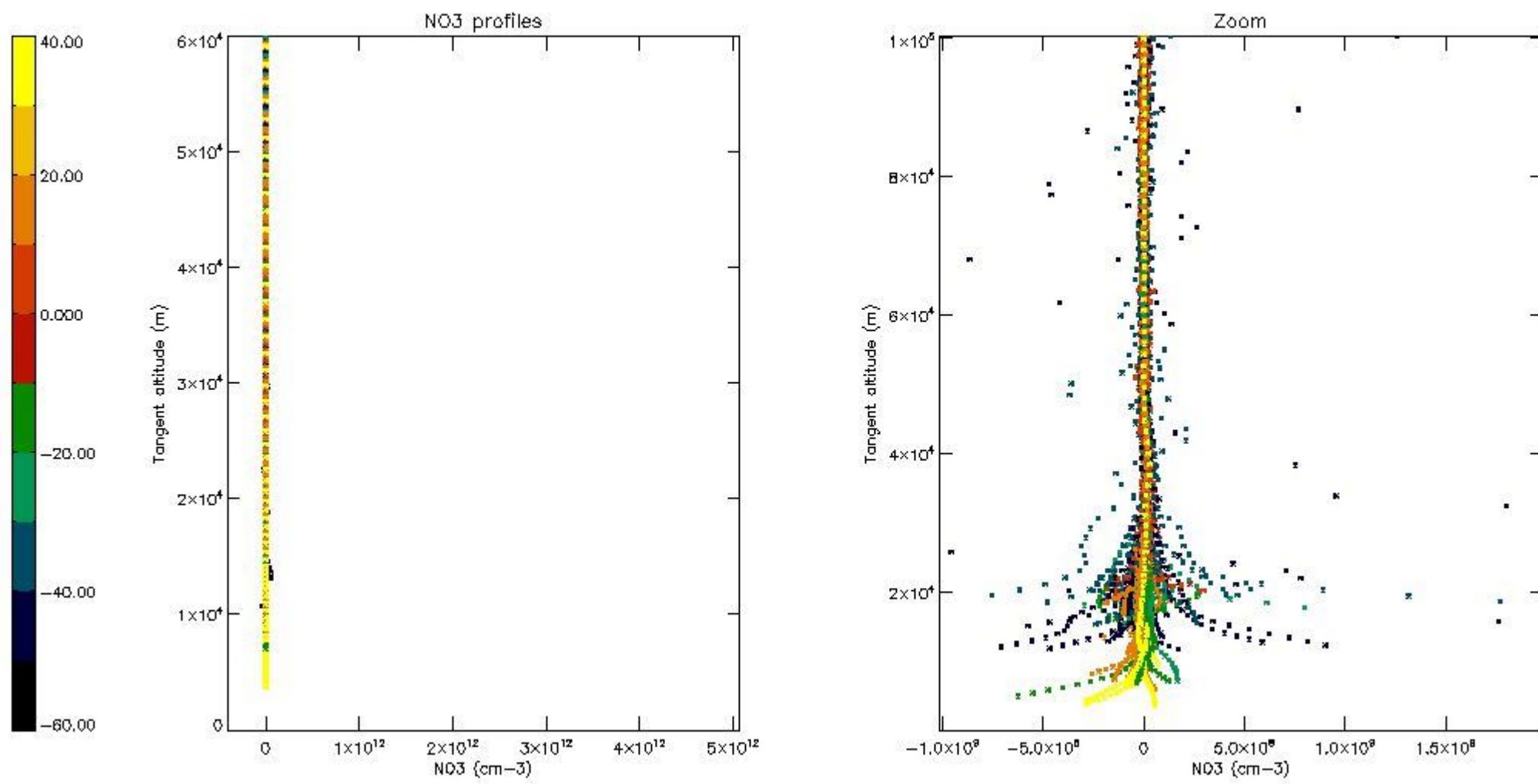
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



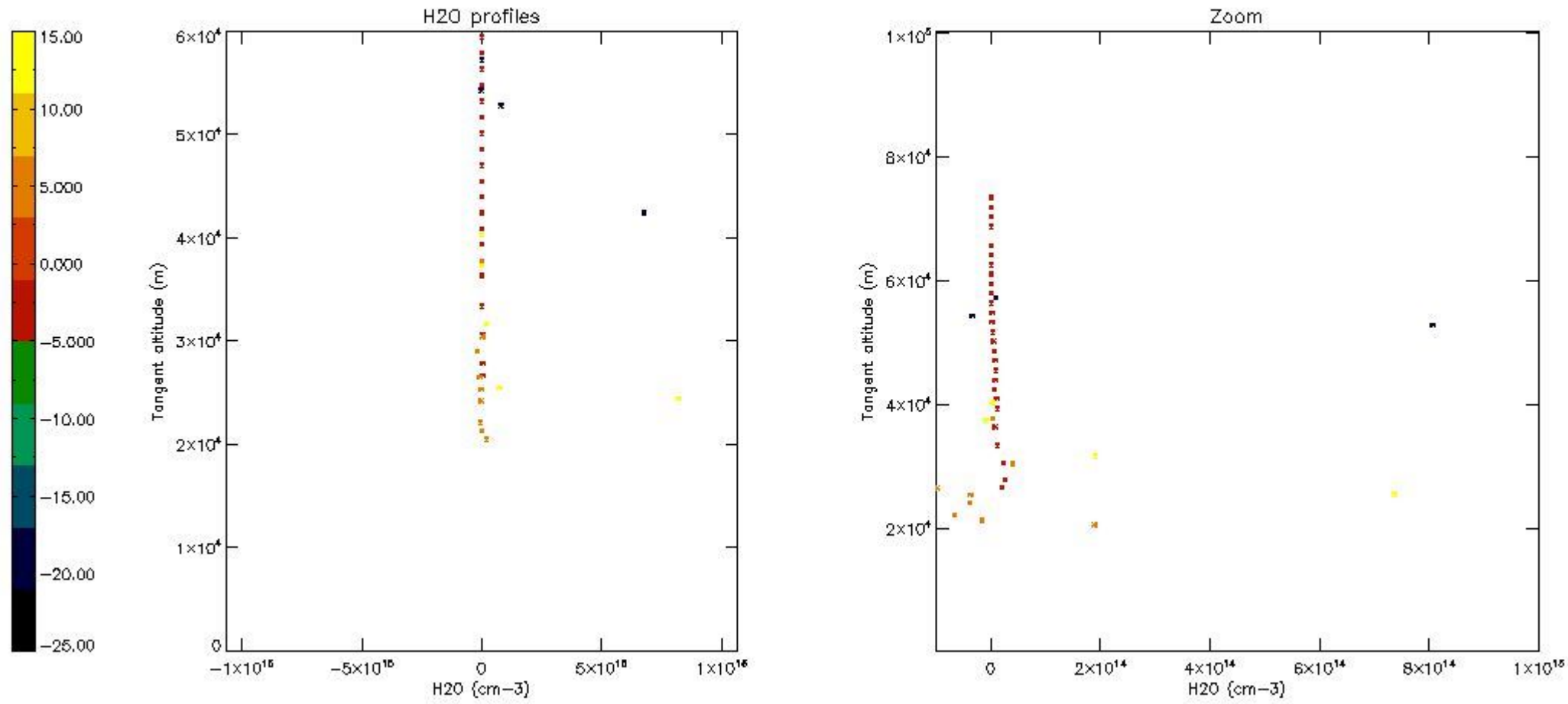
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

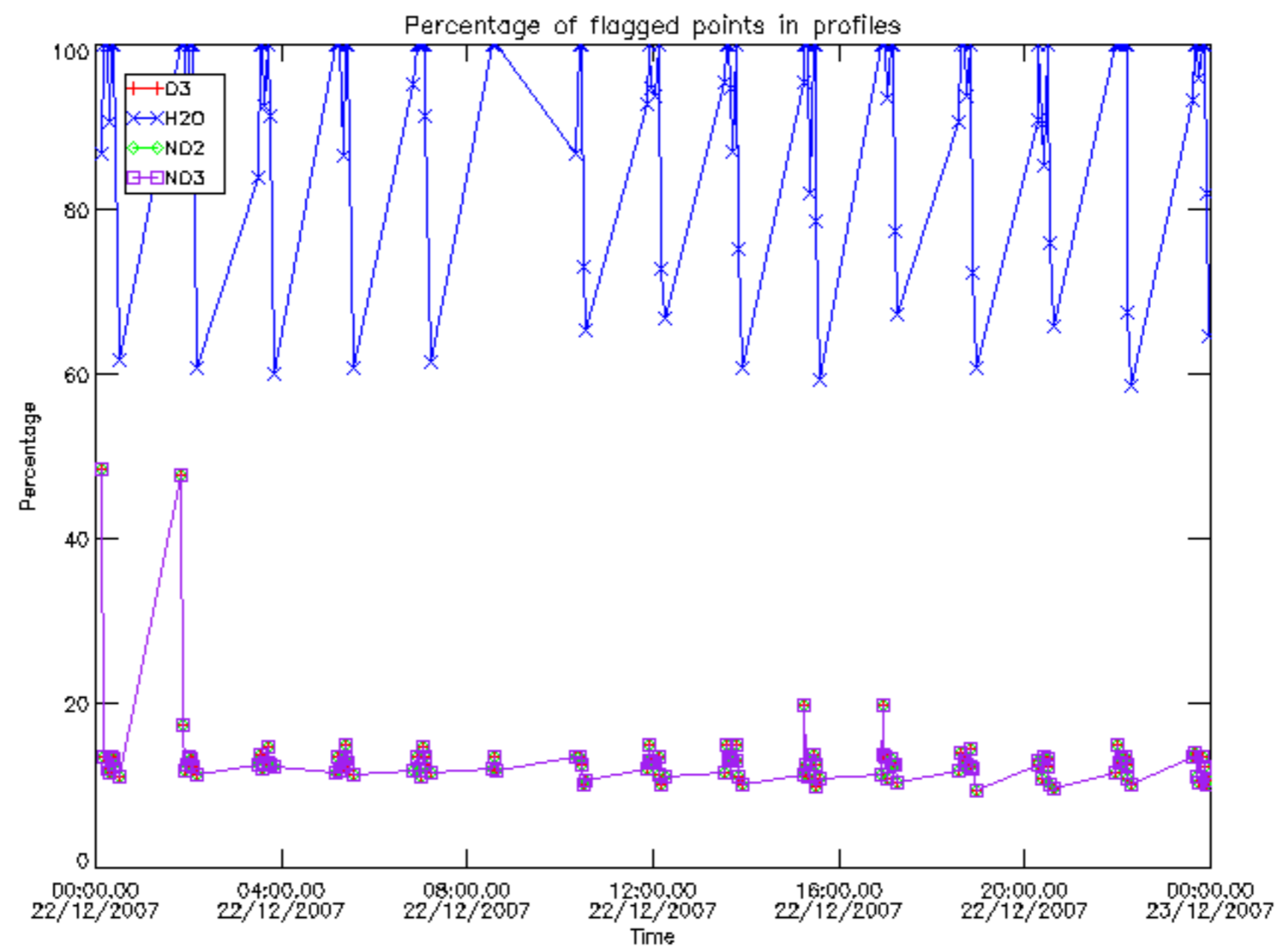
The colorbar represents the latitude.



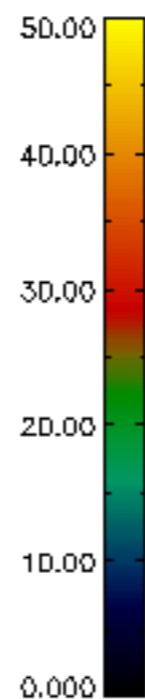
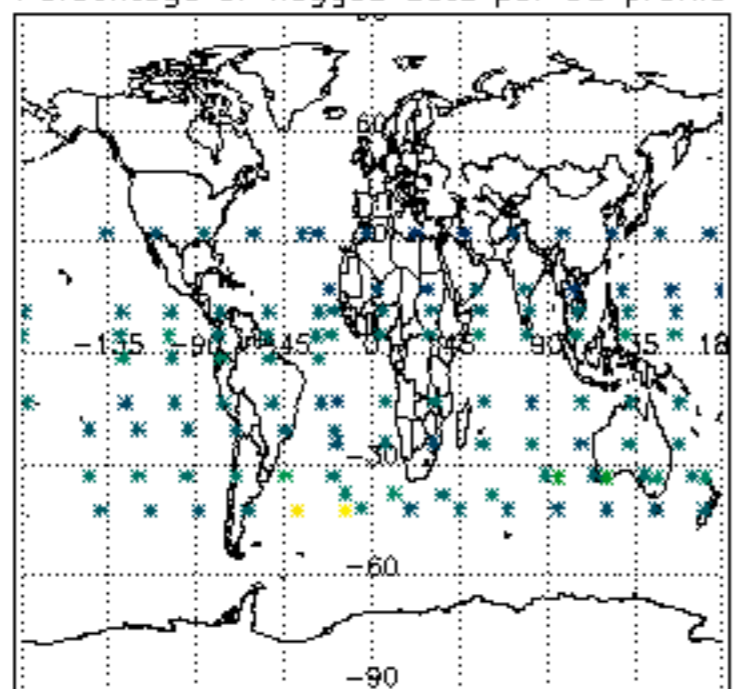
6. Auxiliary Data Files used for the production reported in section 2

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.

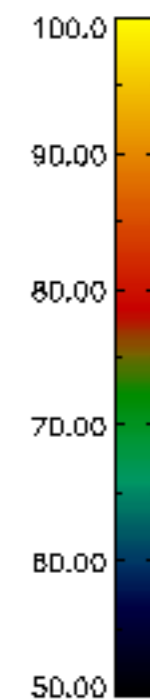
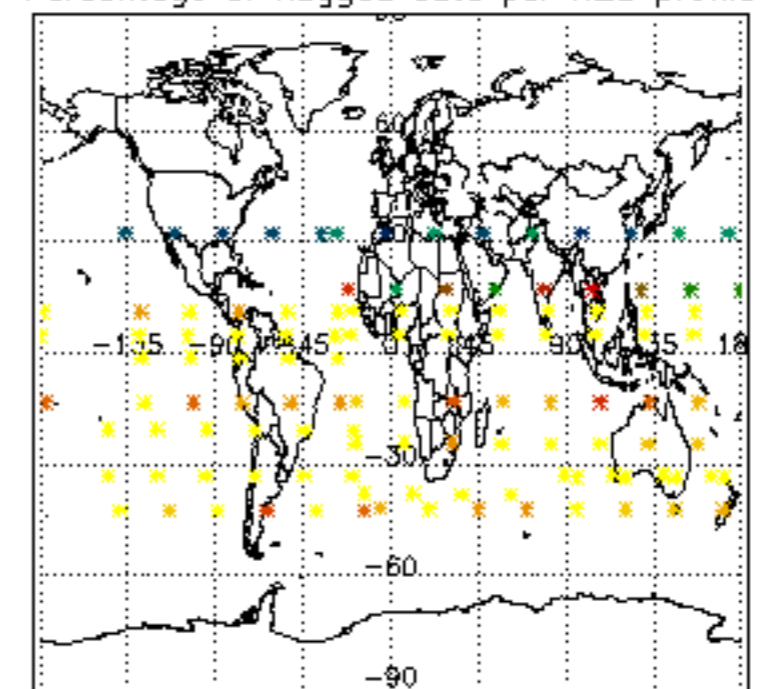
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-DEC-2007 00:01:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-DEC-2007 00:01:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-DEC-2007 00:01:59



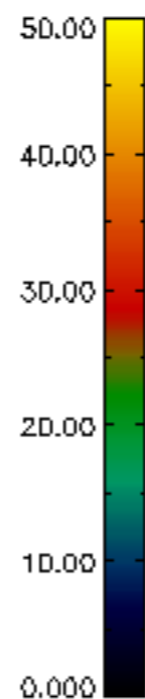
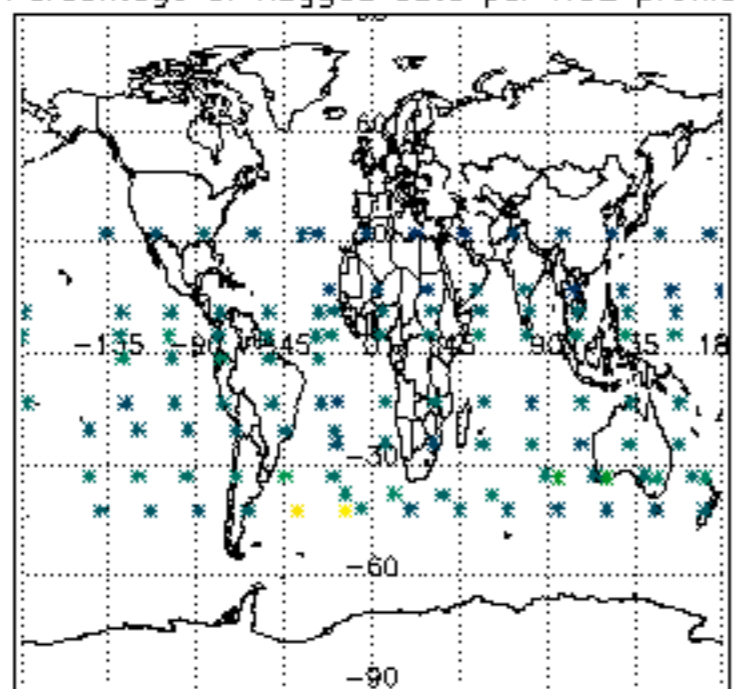
Percentage of flagged data per D3 profile



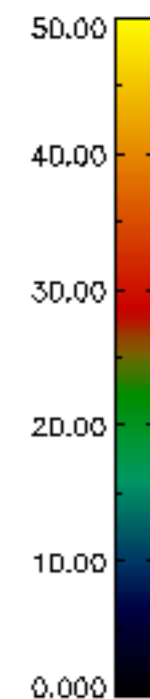
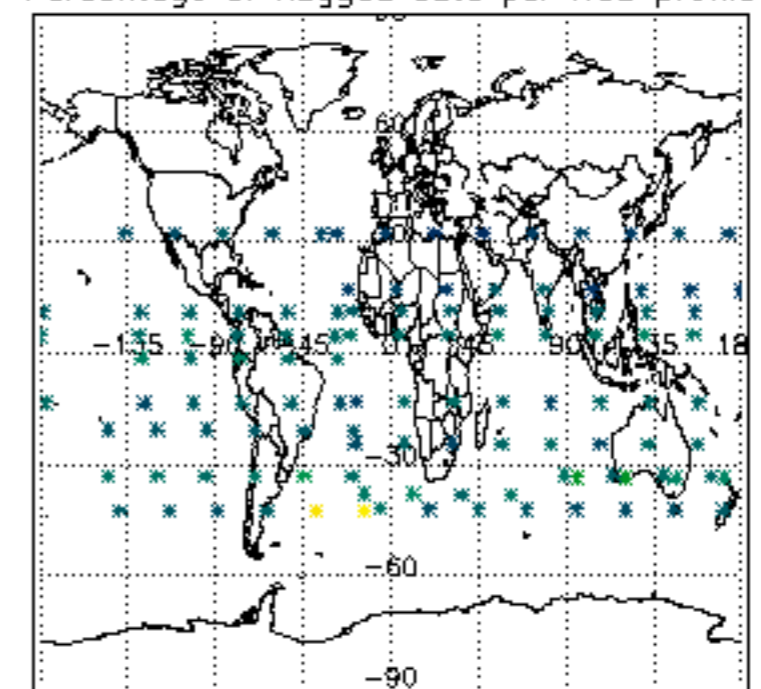
Percentage of flagged data per H2O profile

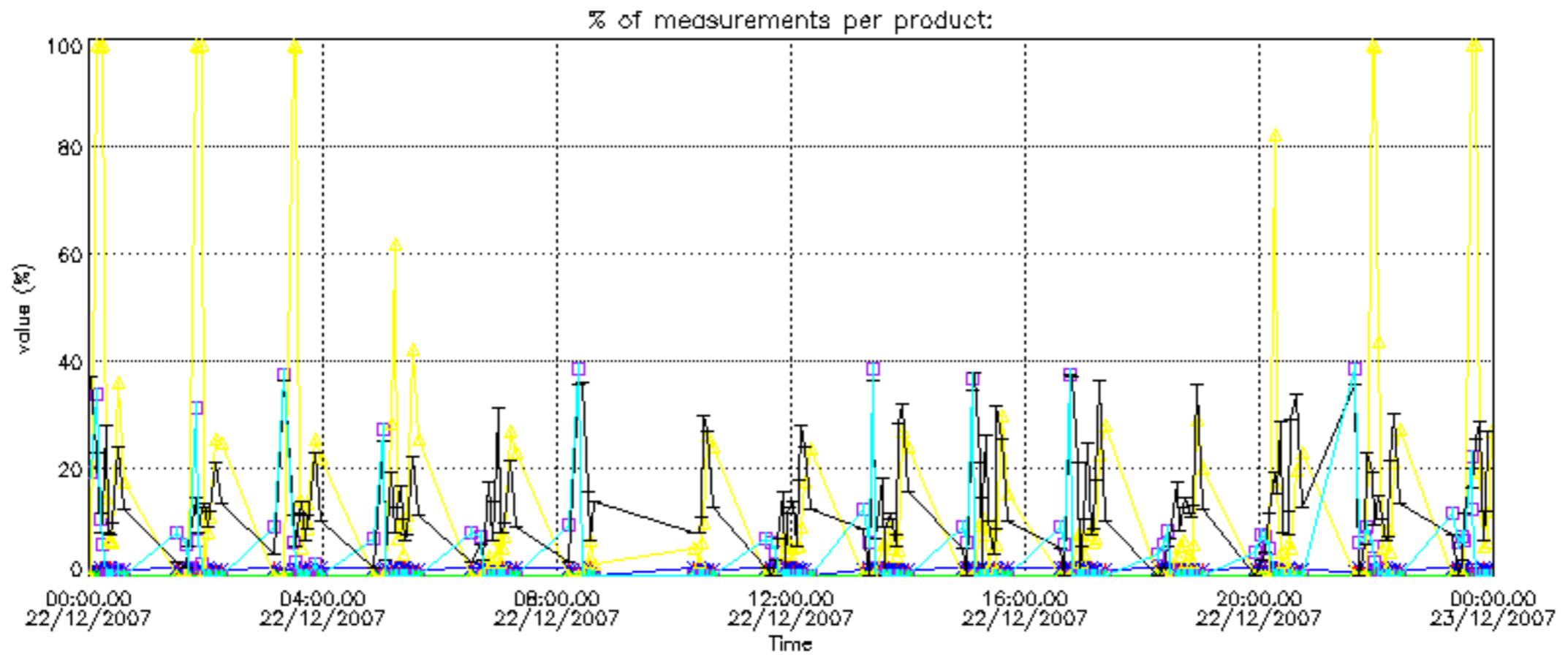


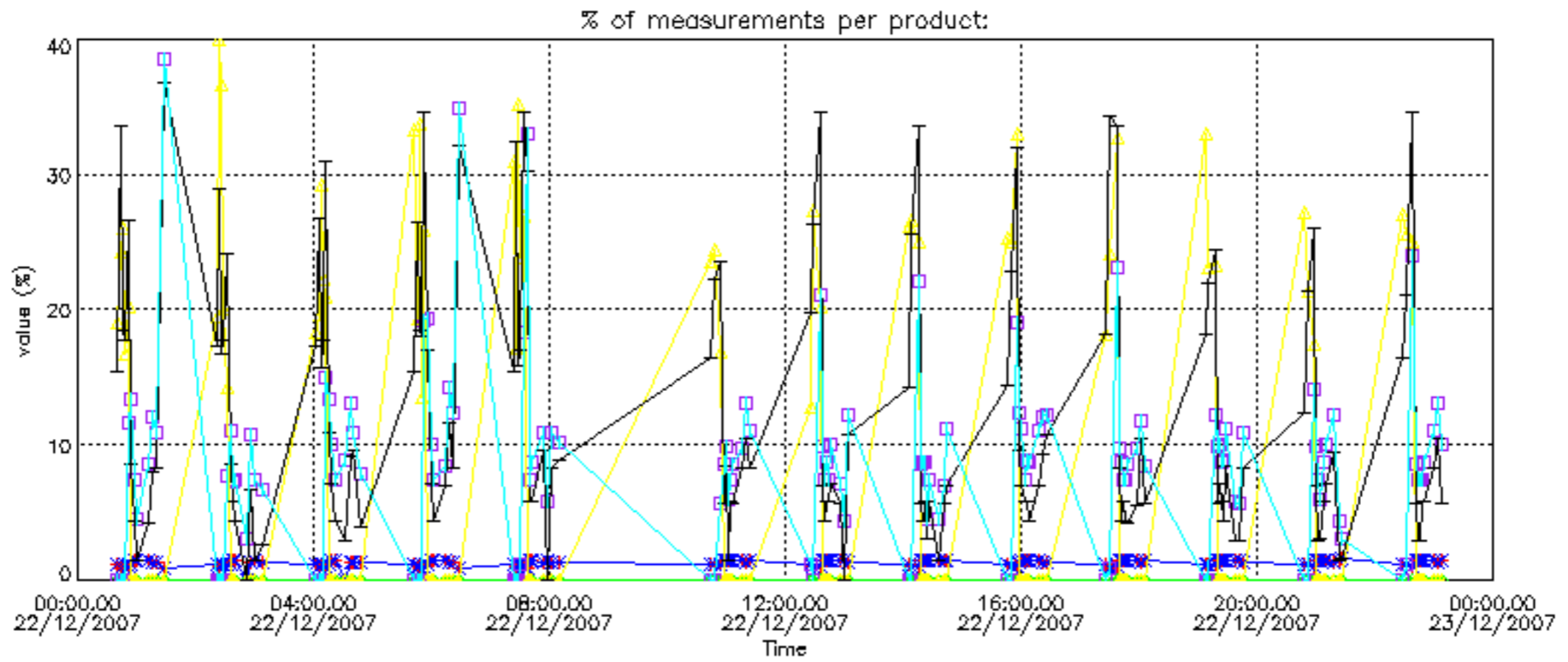
Percentage of flagged data per NO2 profile



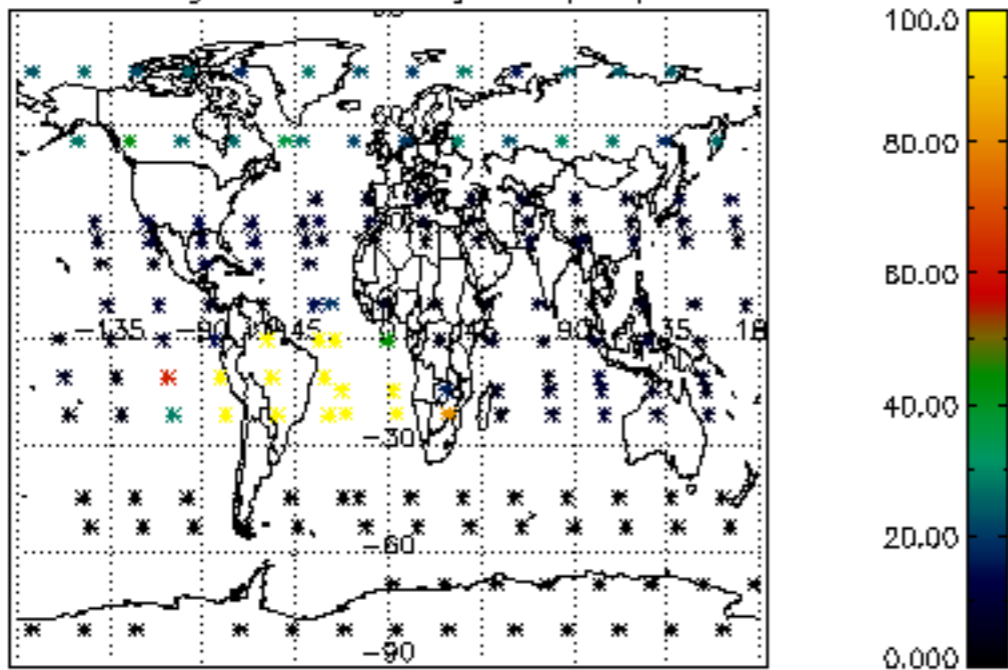
Percentage of flagged data per NO3 profile



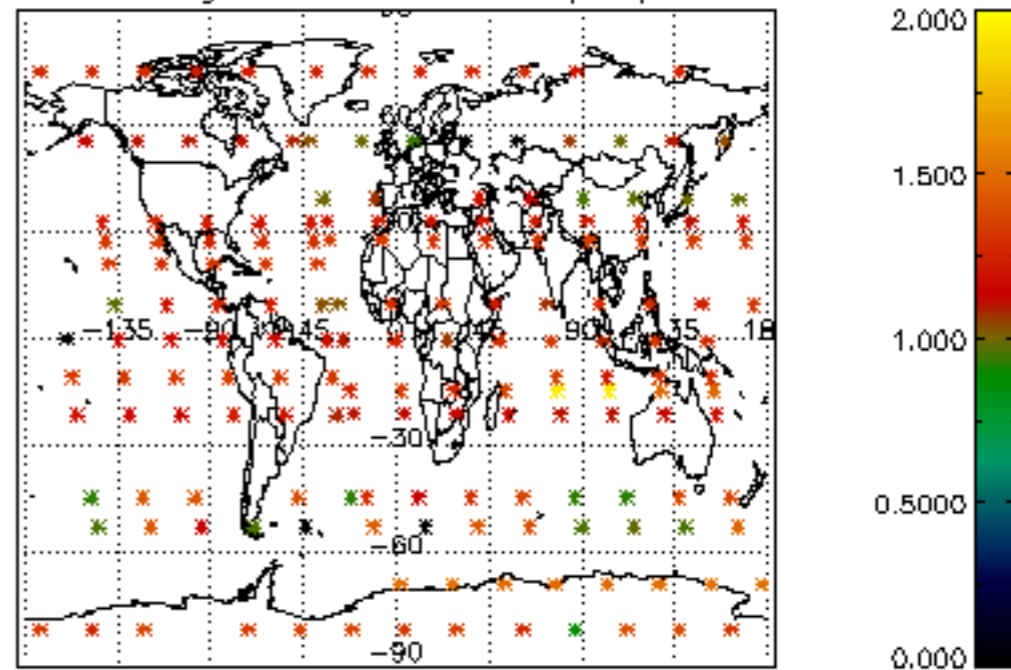




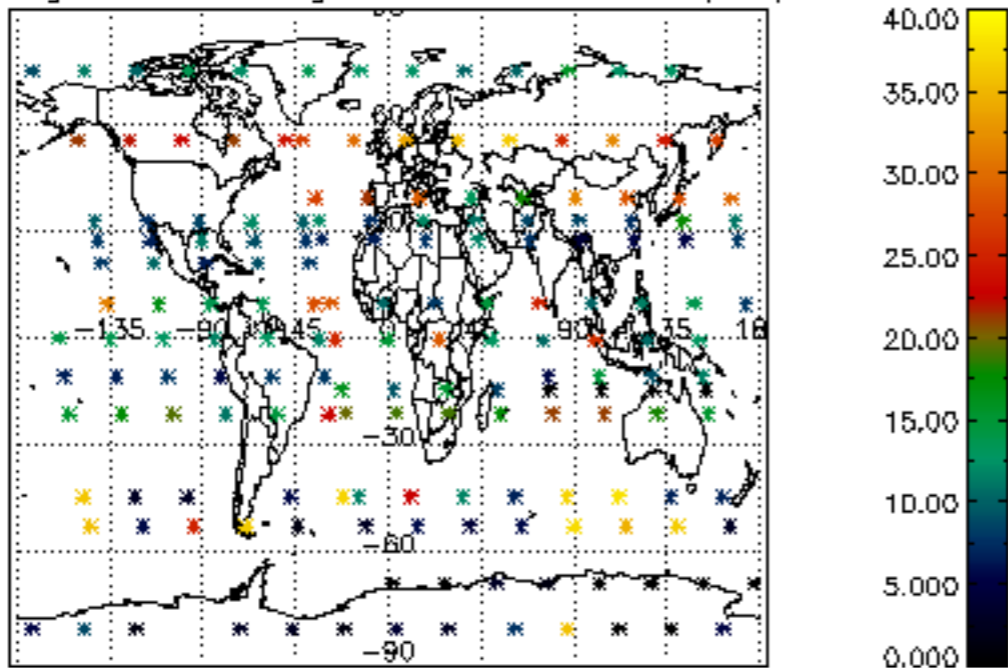
Percentage of cosmic ray hits per profile



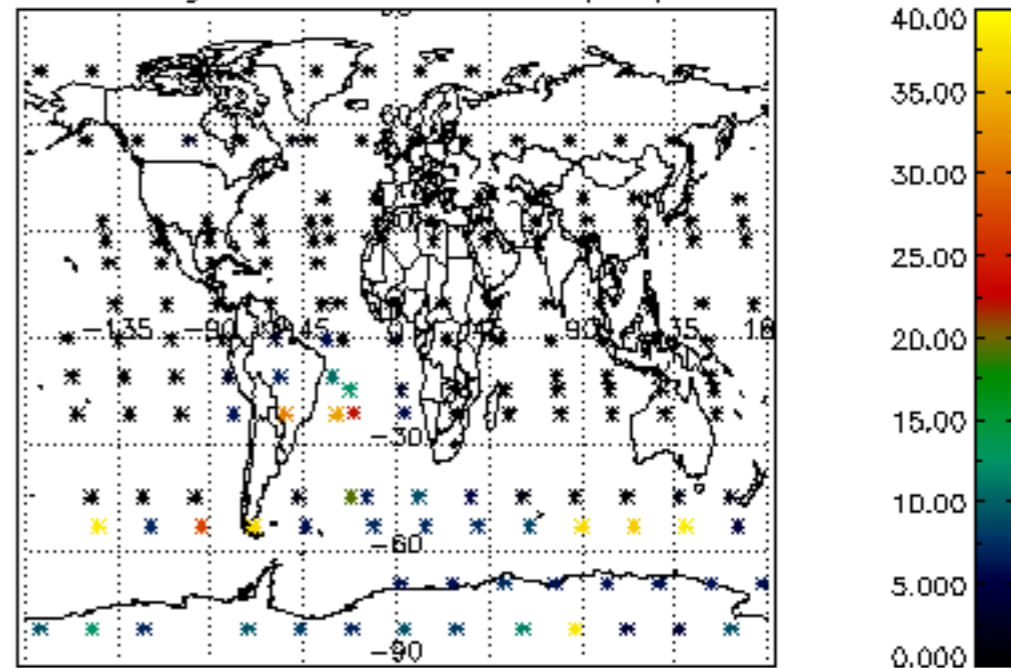
Percentage of datation errors per profile



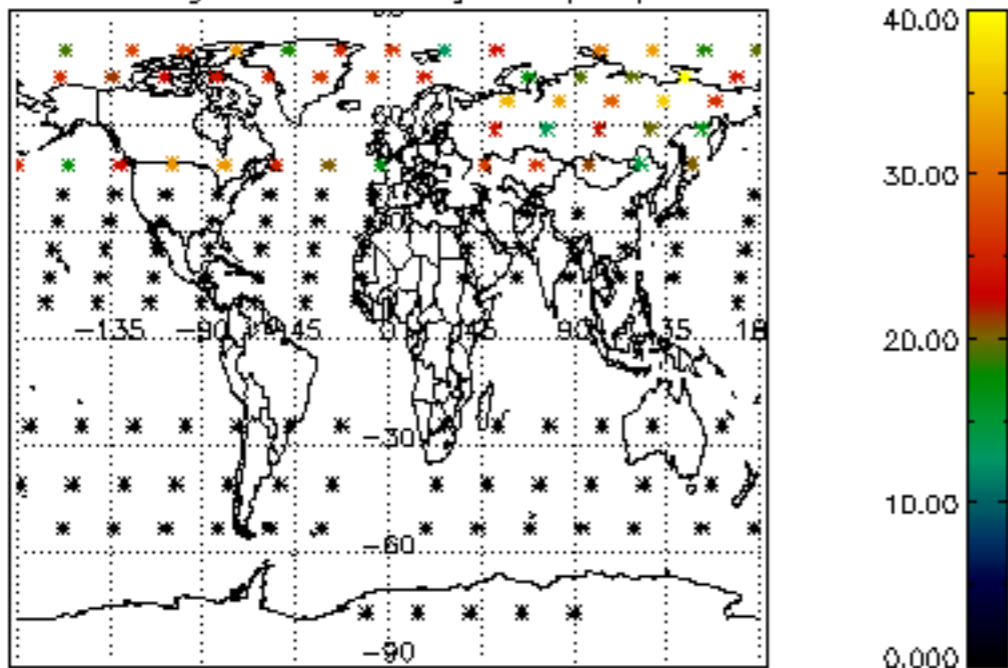
Percentage of star falling outside central band per profile



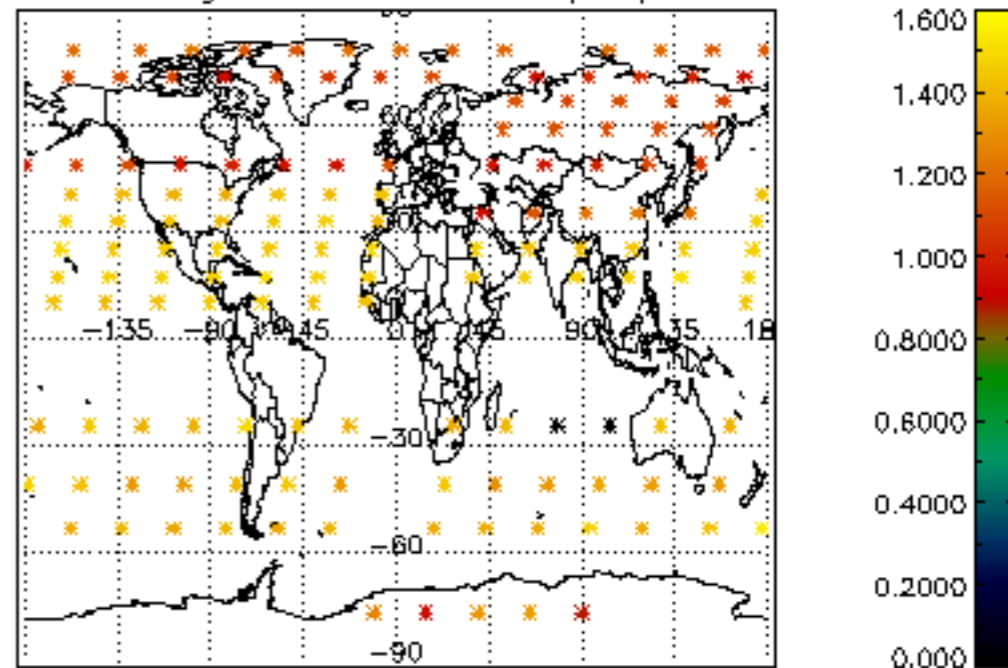
Percentage of saturation errors per profile



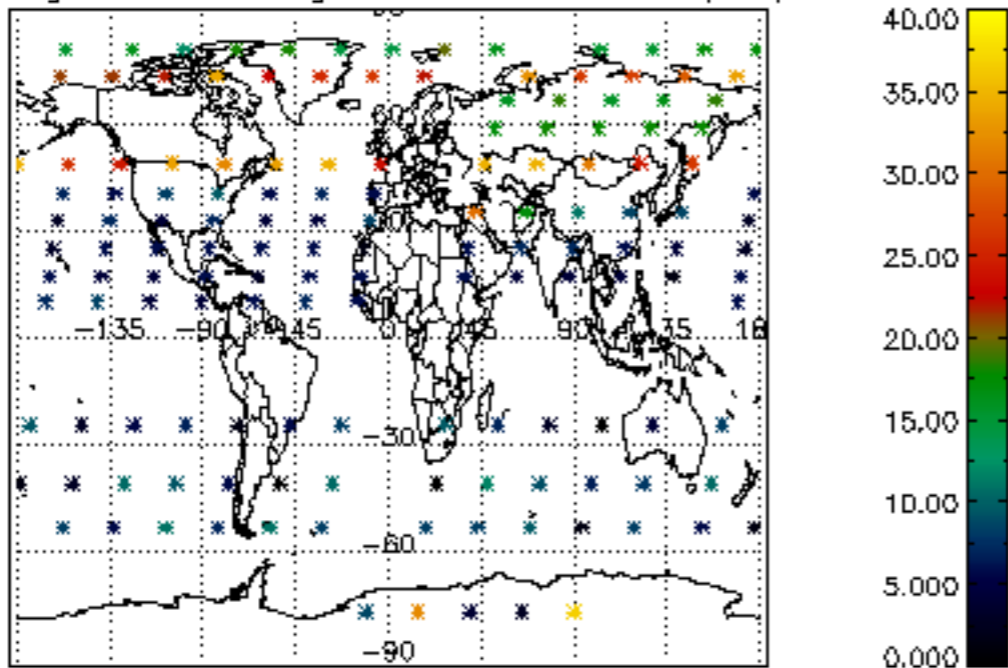
Percentage of cosmic ray hits per profile



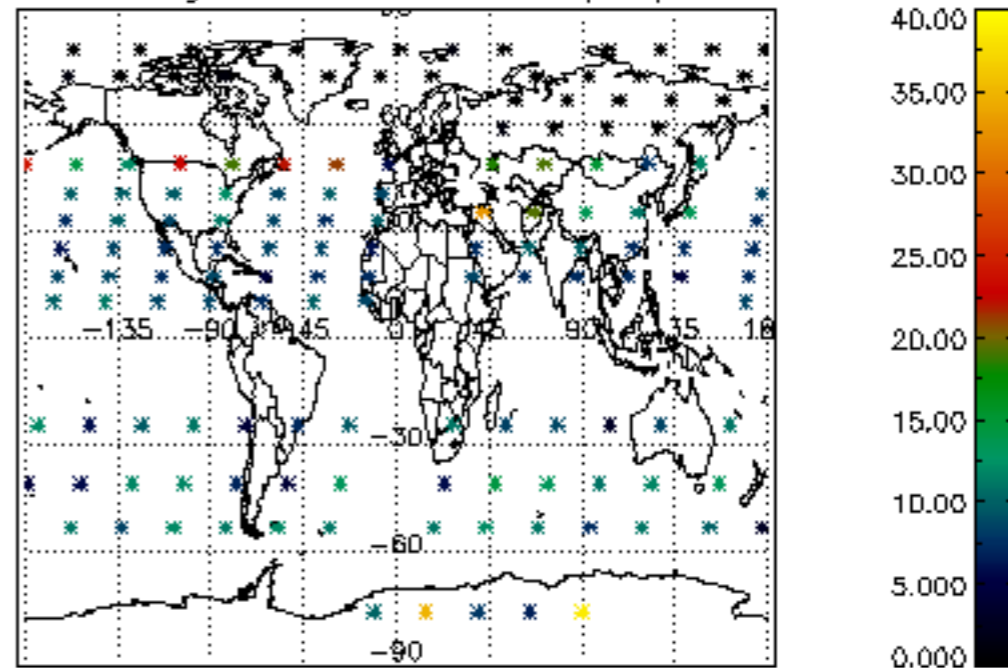
Percentage of datation errors per profile

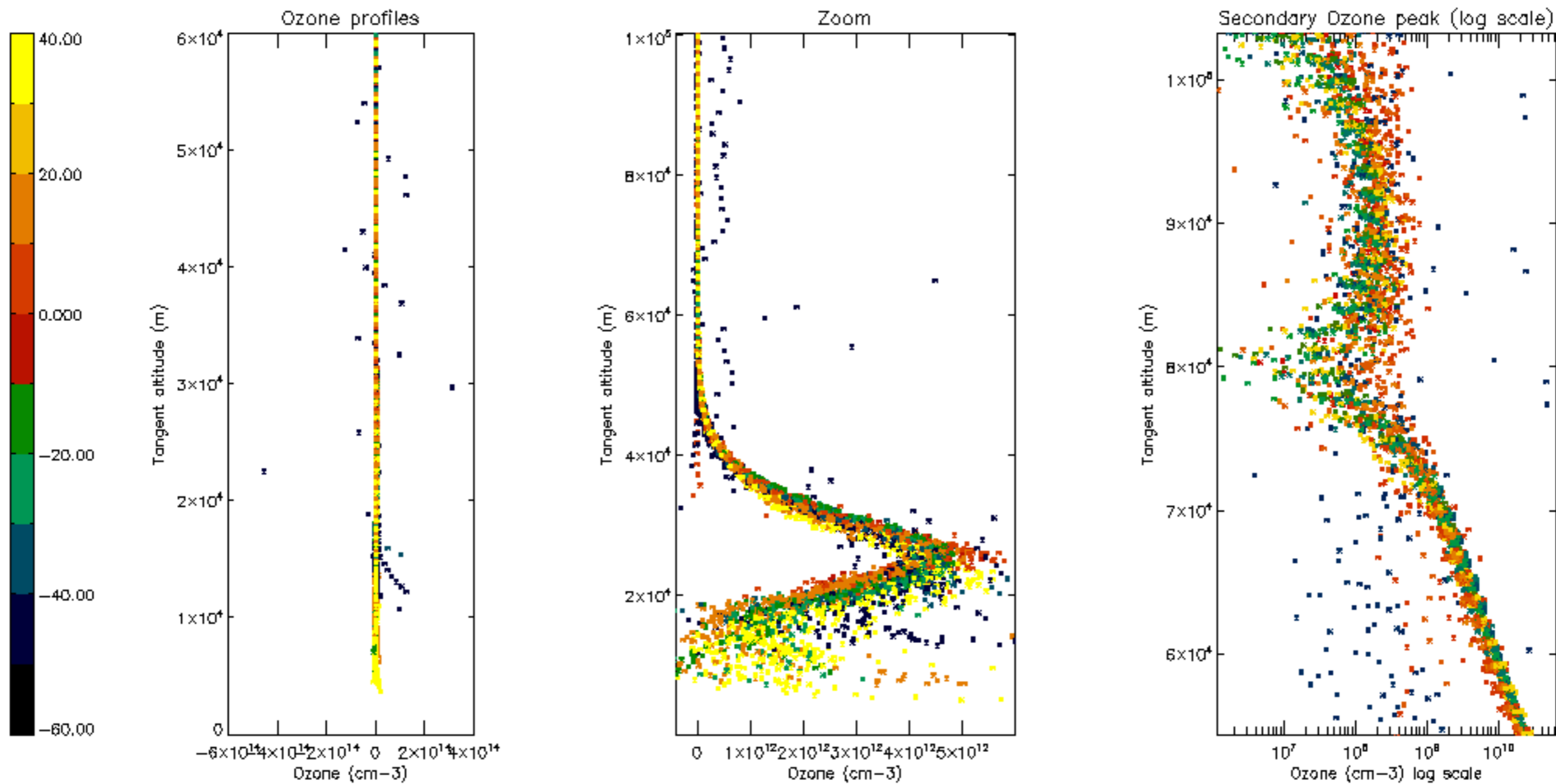


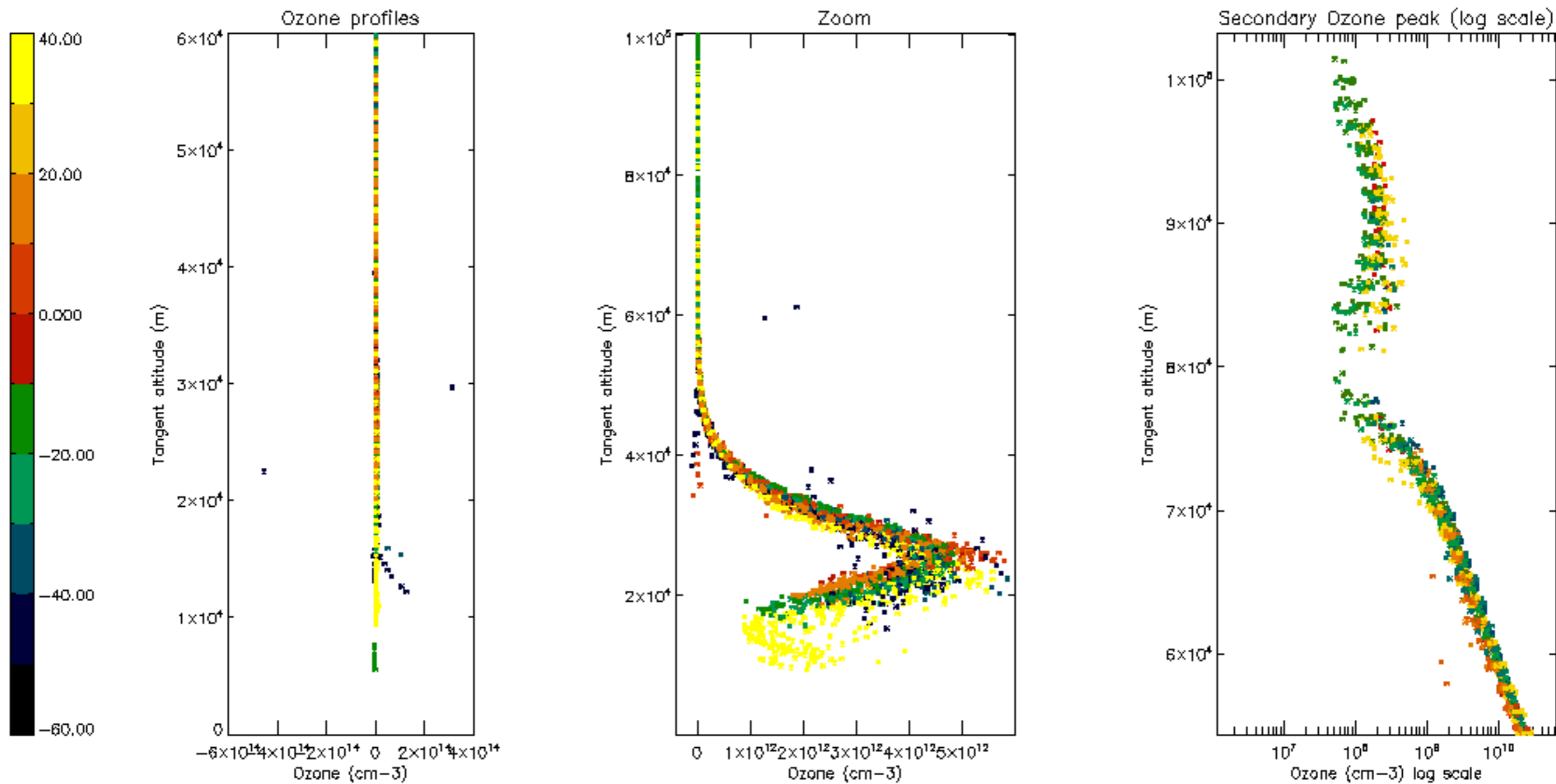
Percentage of star falling outside central band per profile

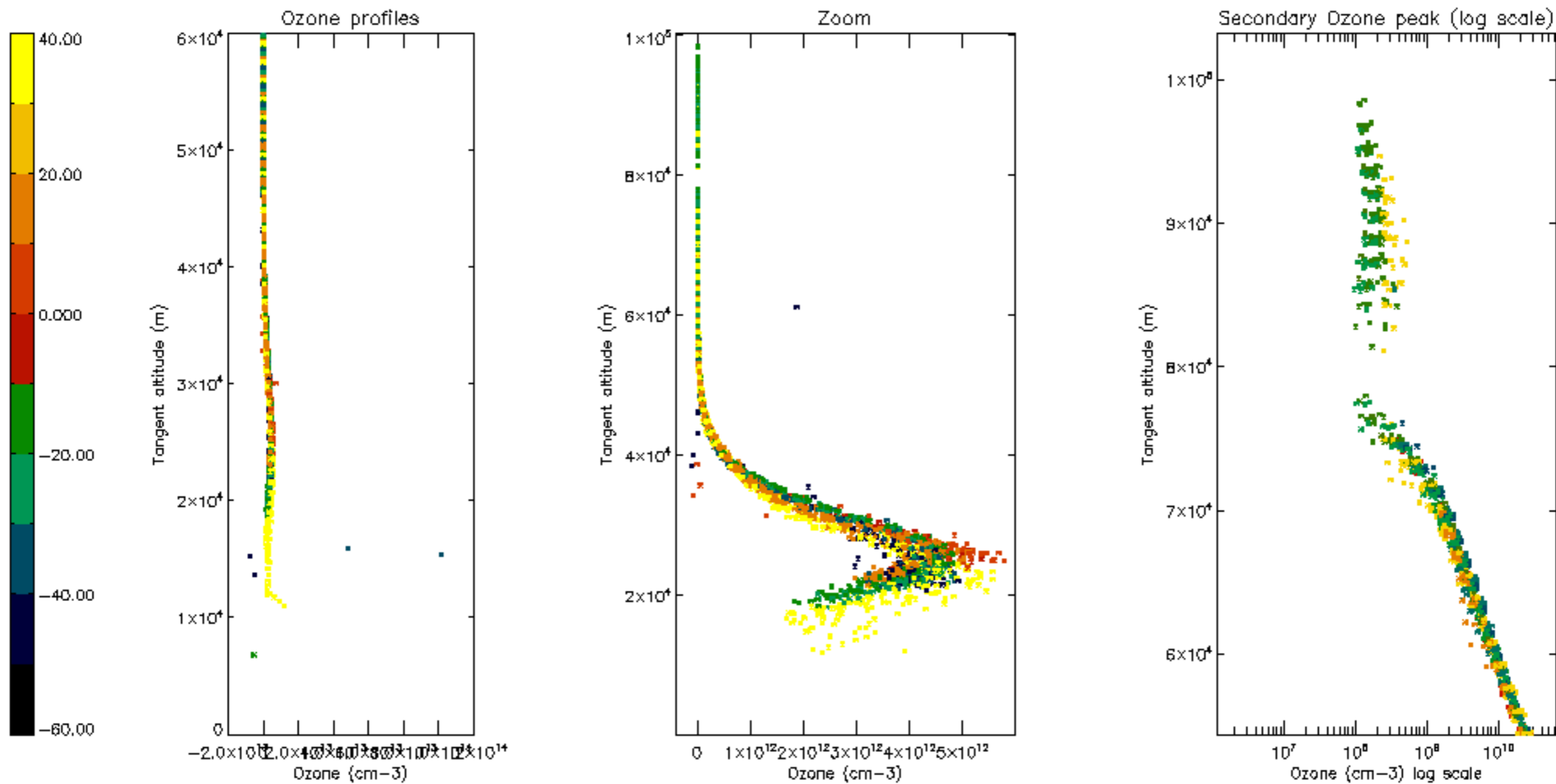


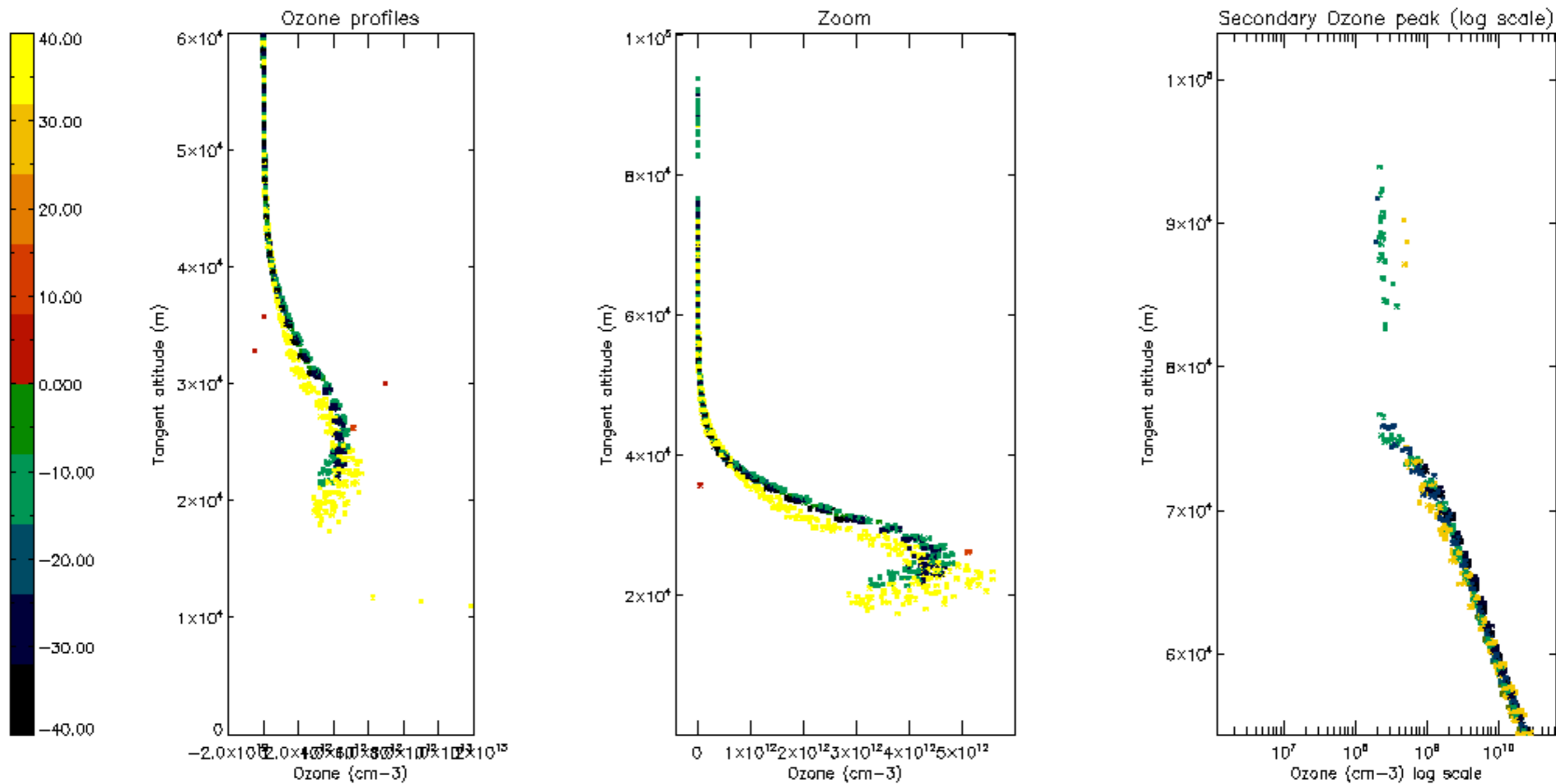
Percentage of saturation errors per profile

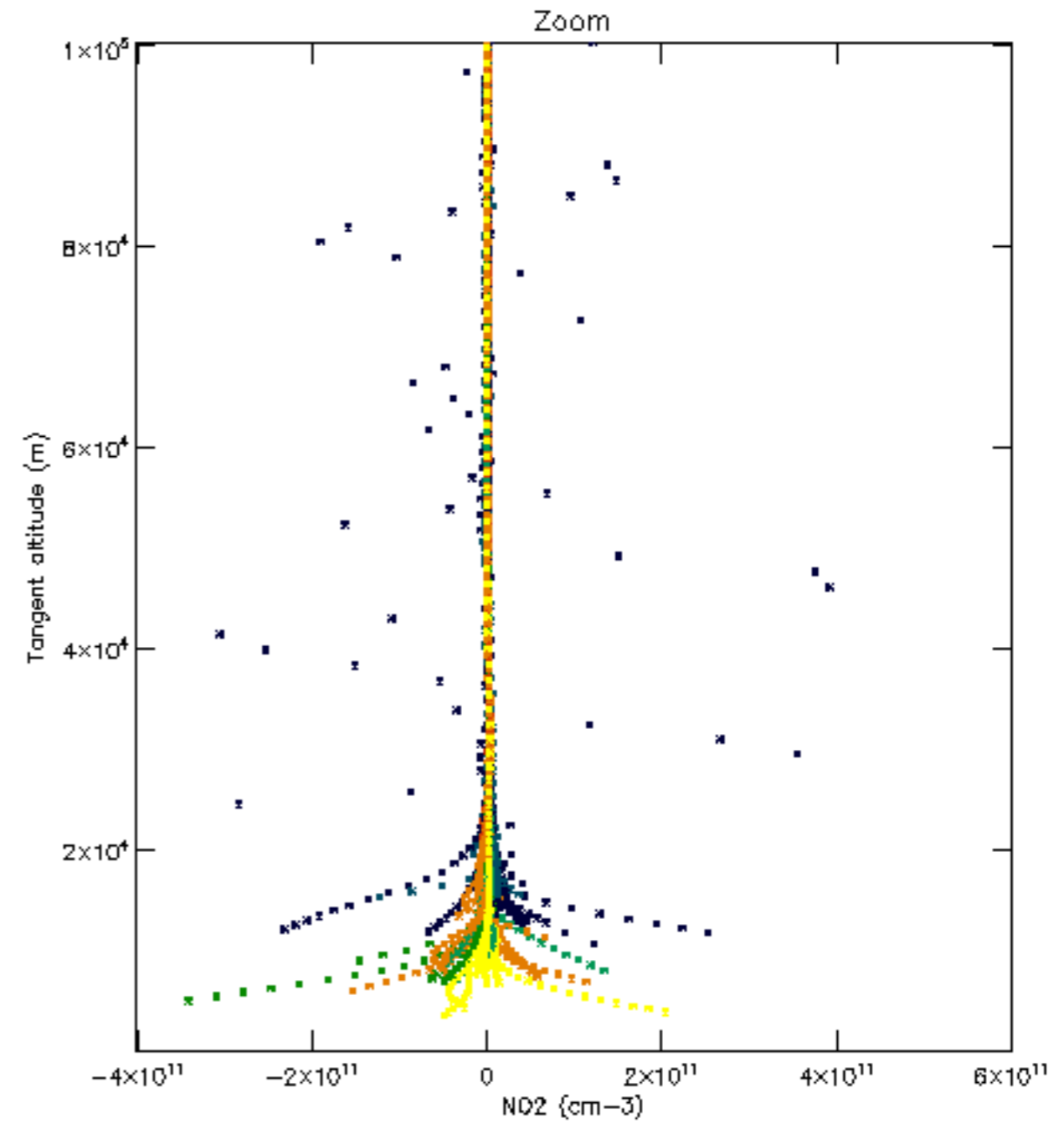
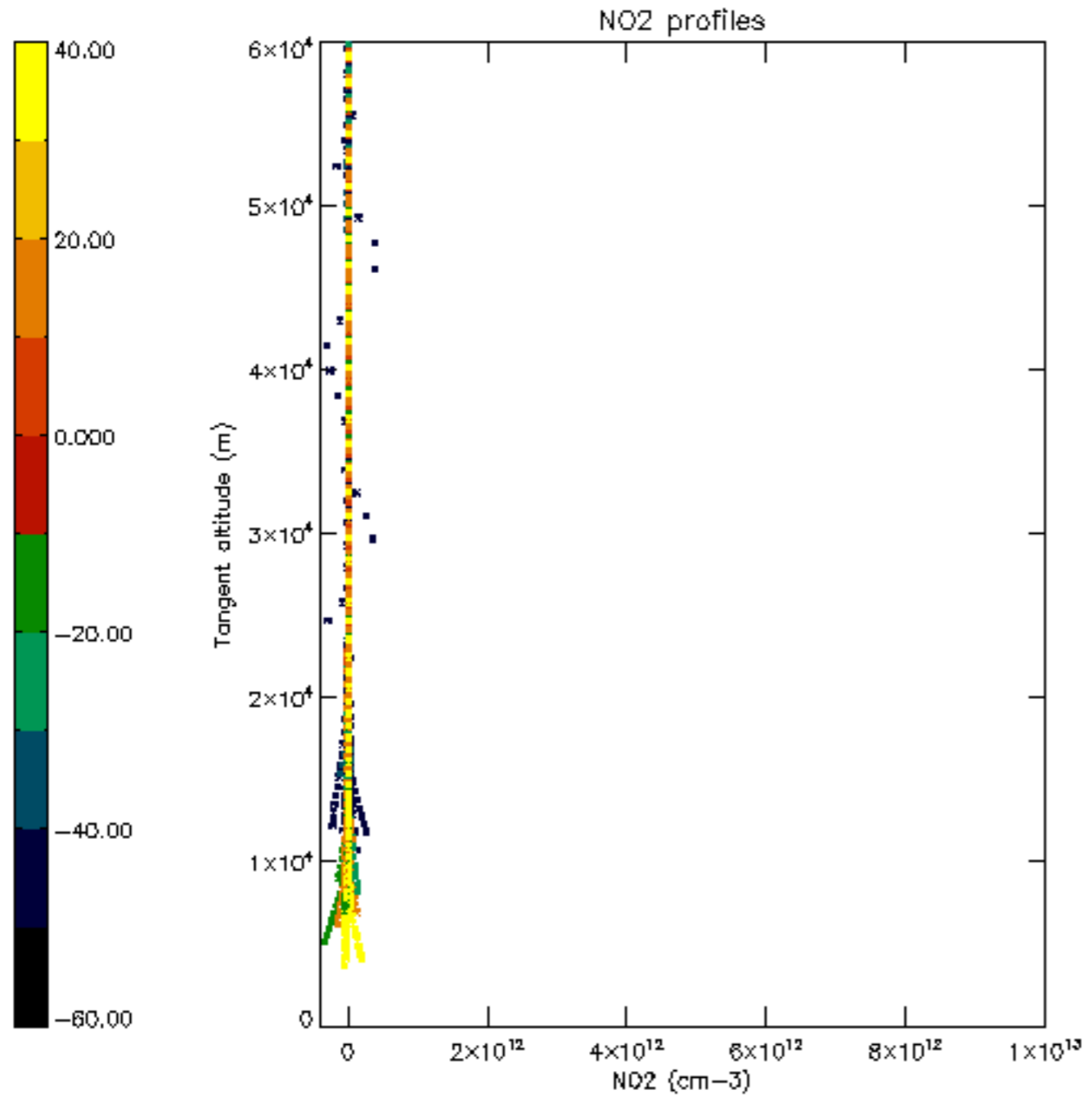


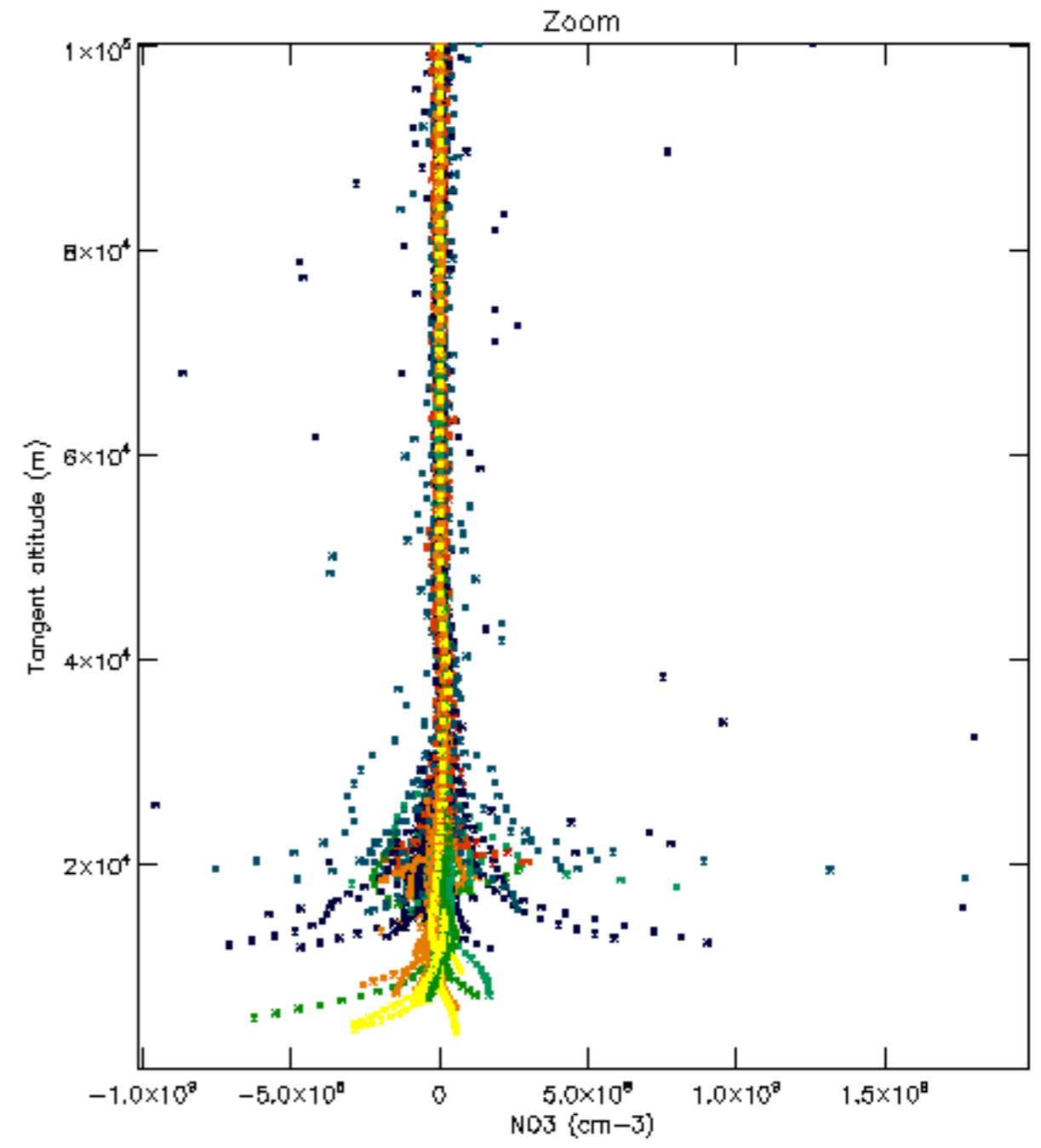
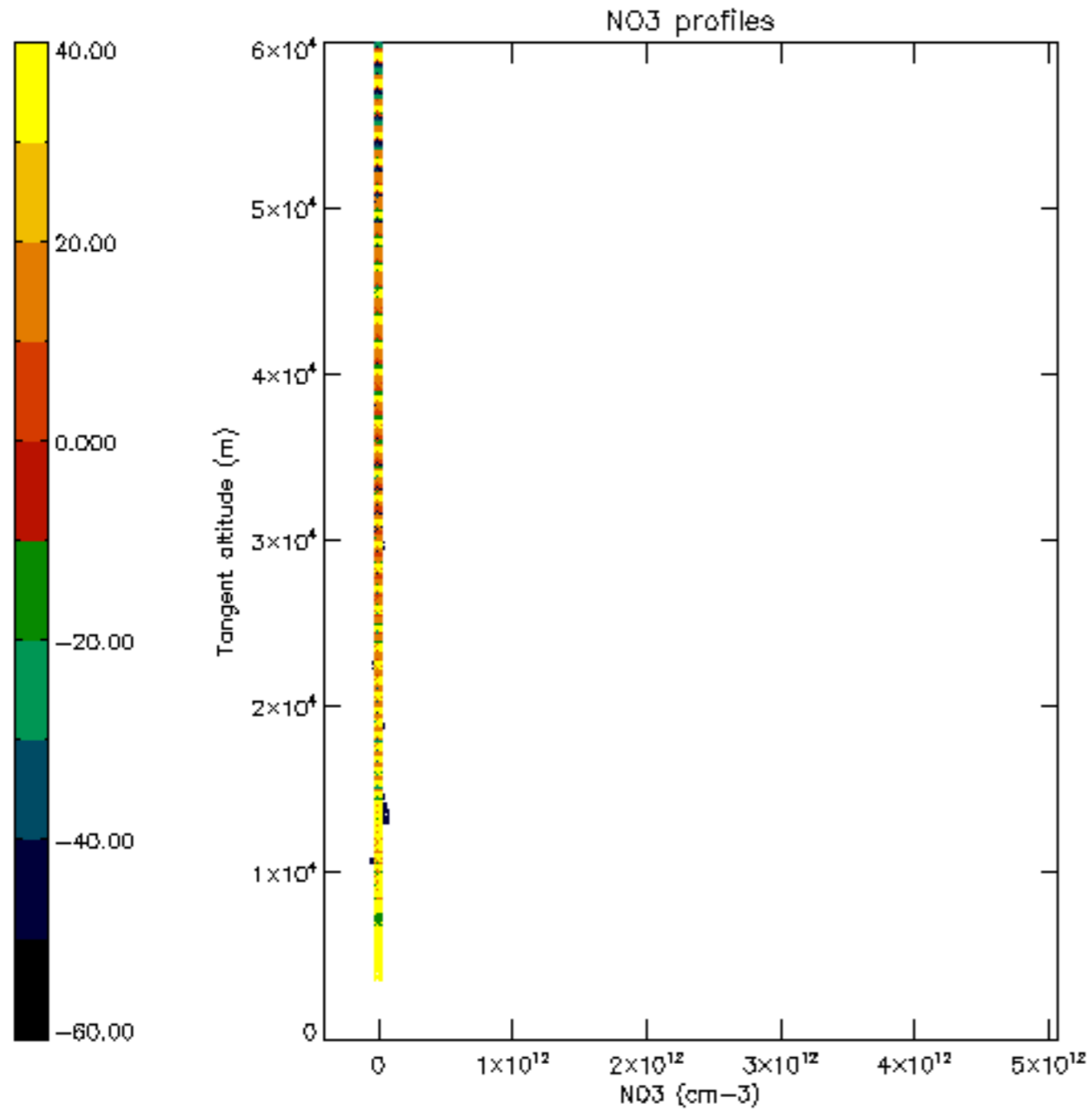


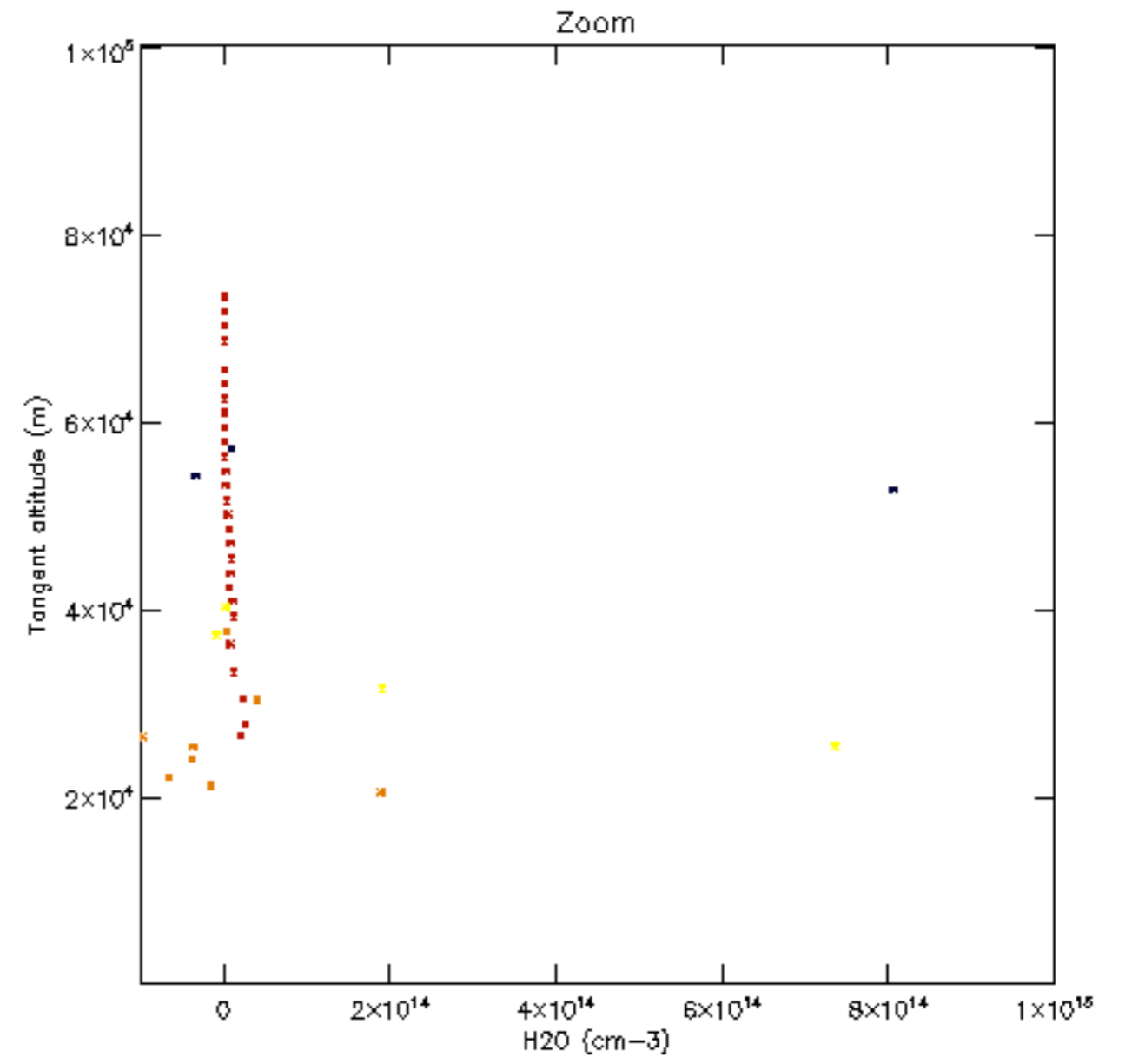
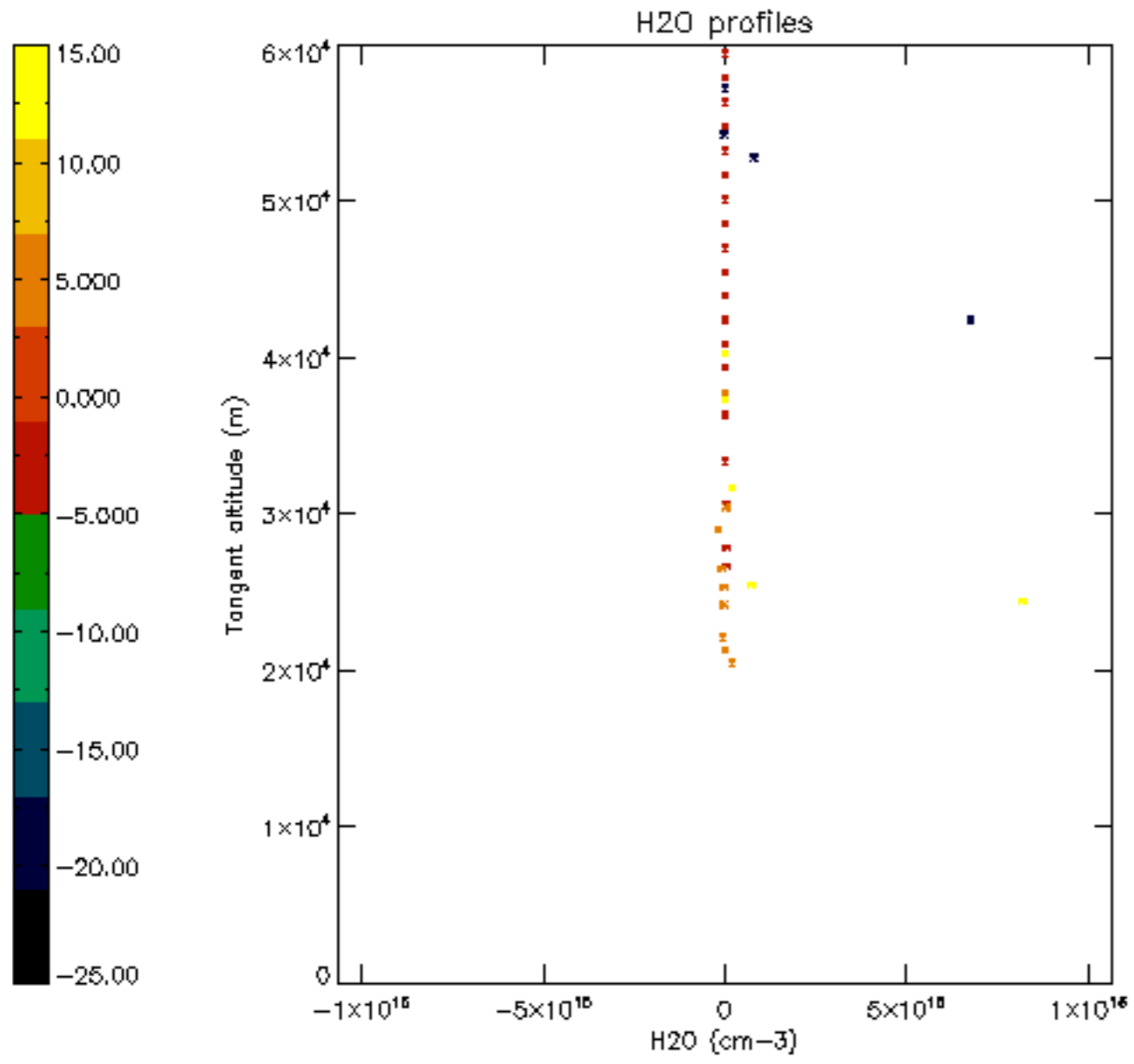


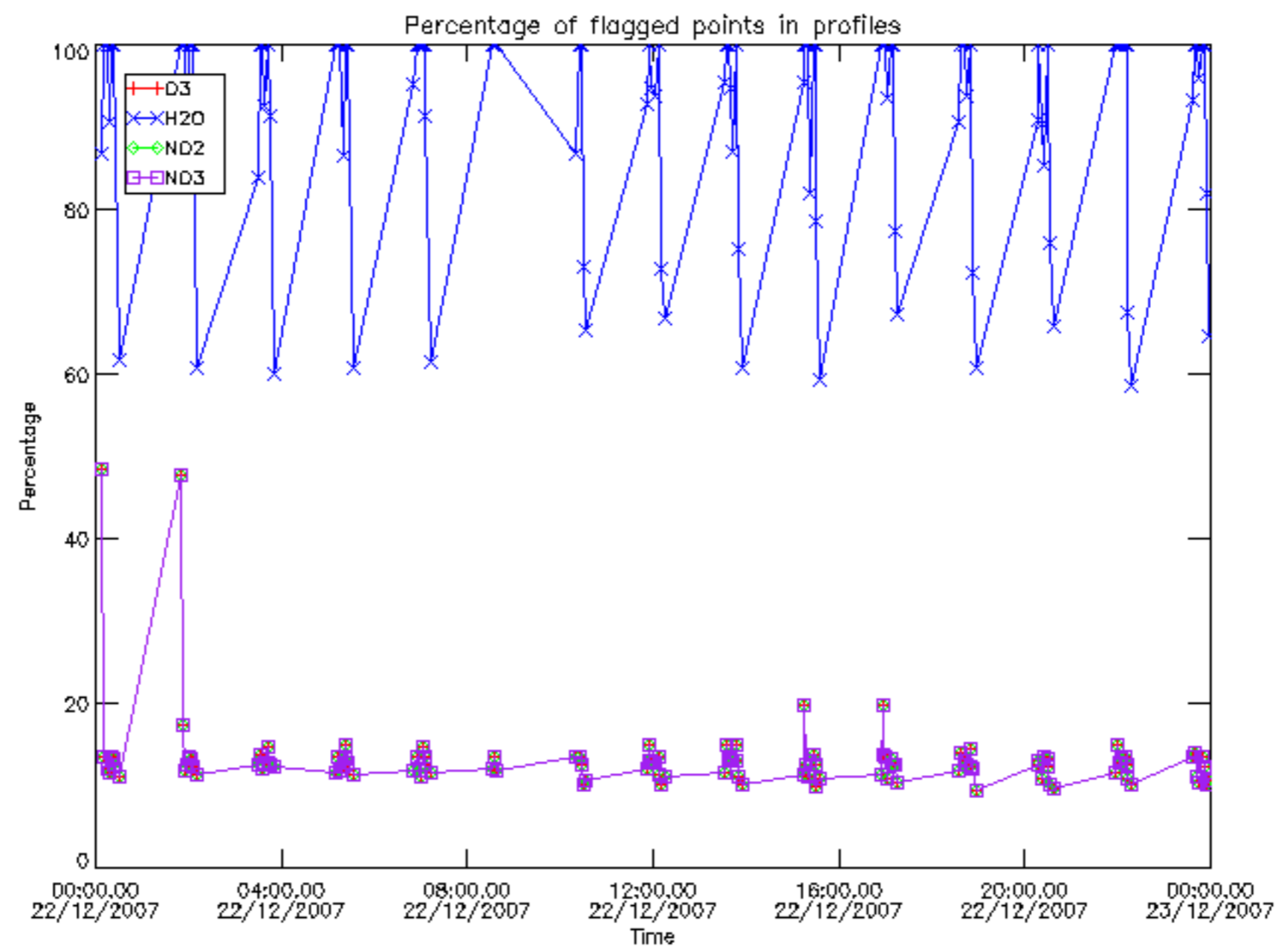




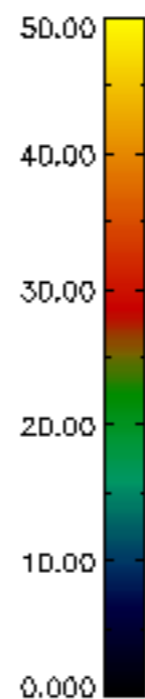
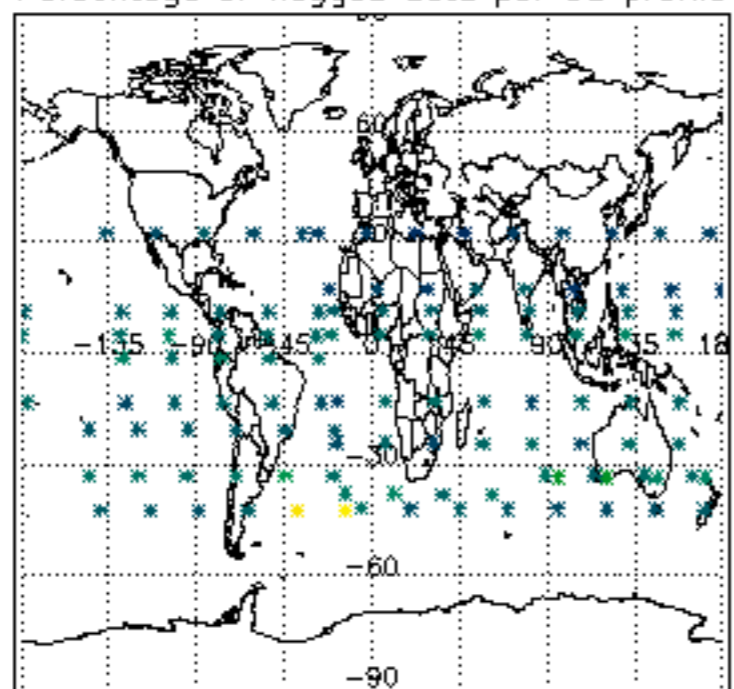




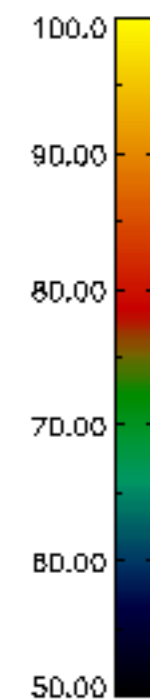
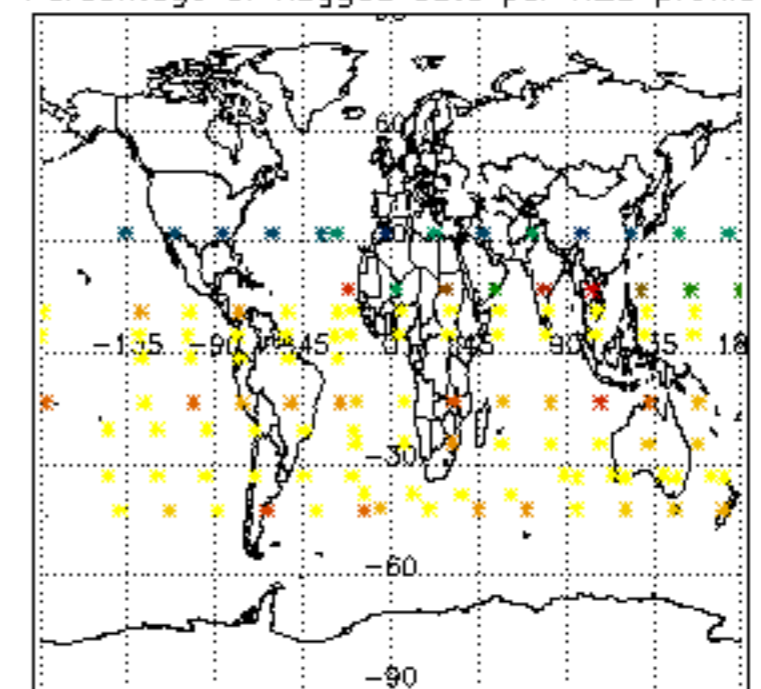




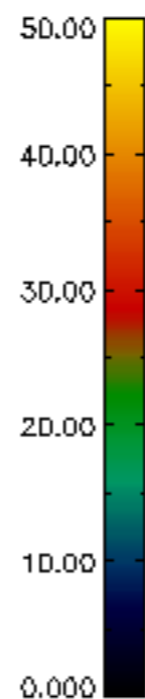
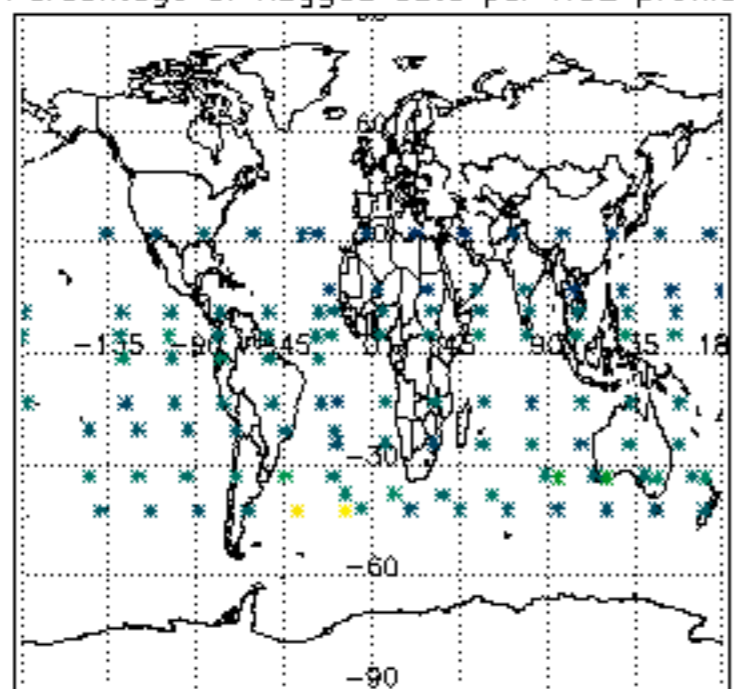
Percentage of flagged data per D3 profile



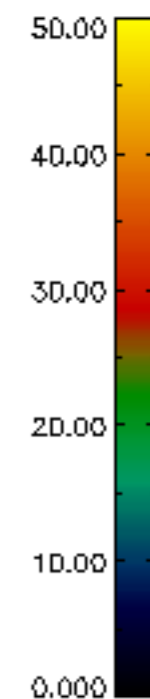
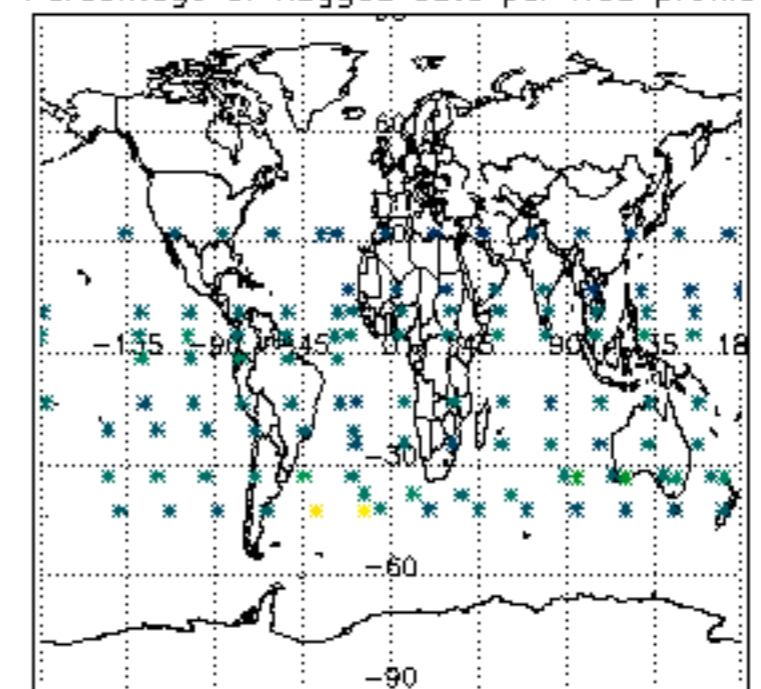
Percentage of flagged data per H2O profile

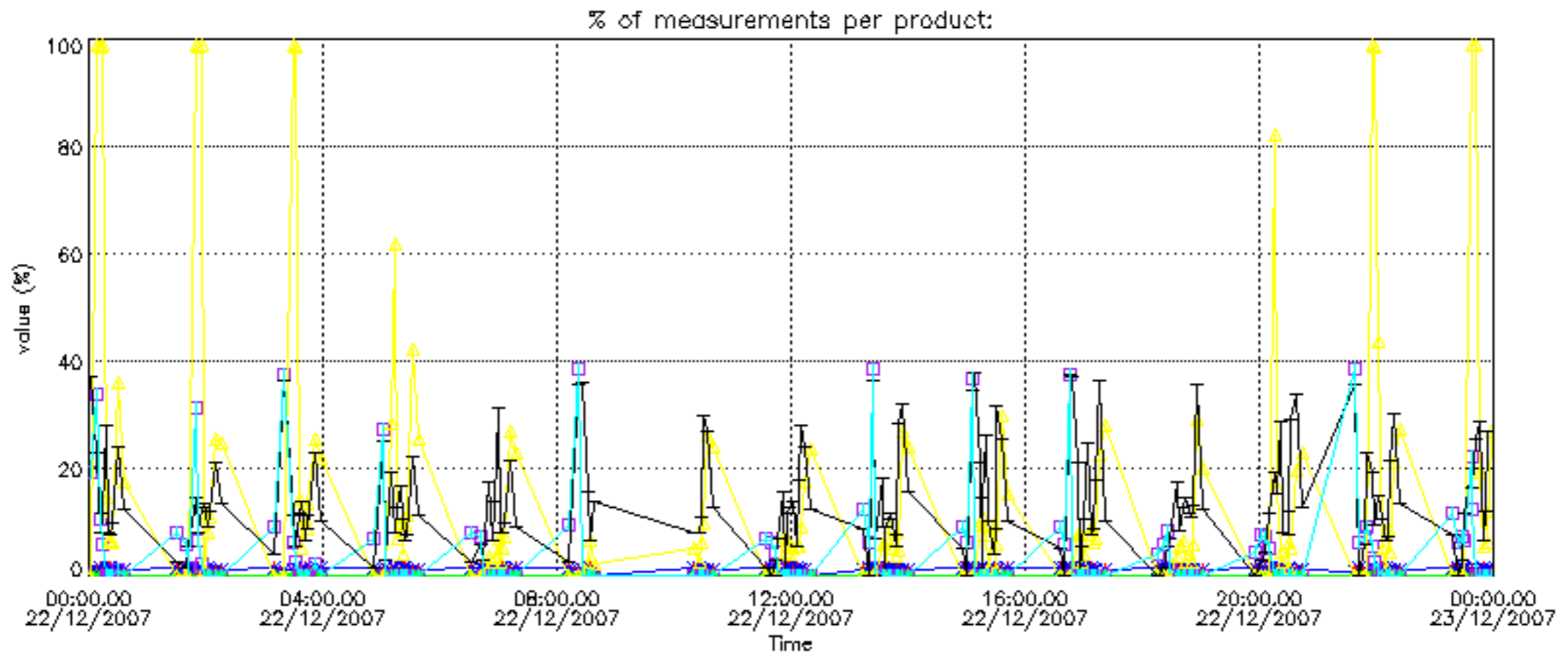


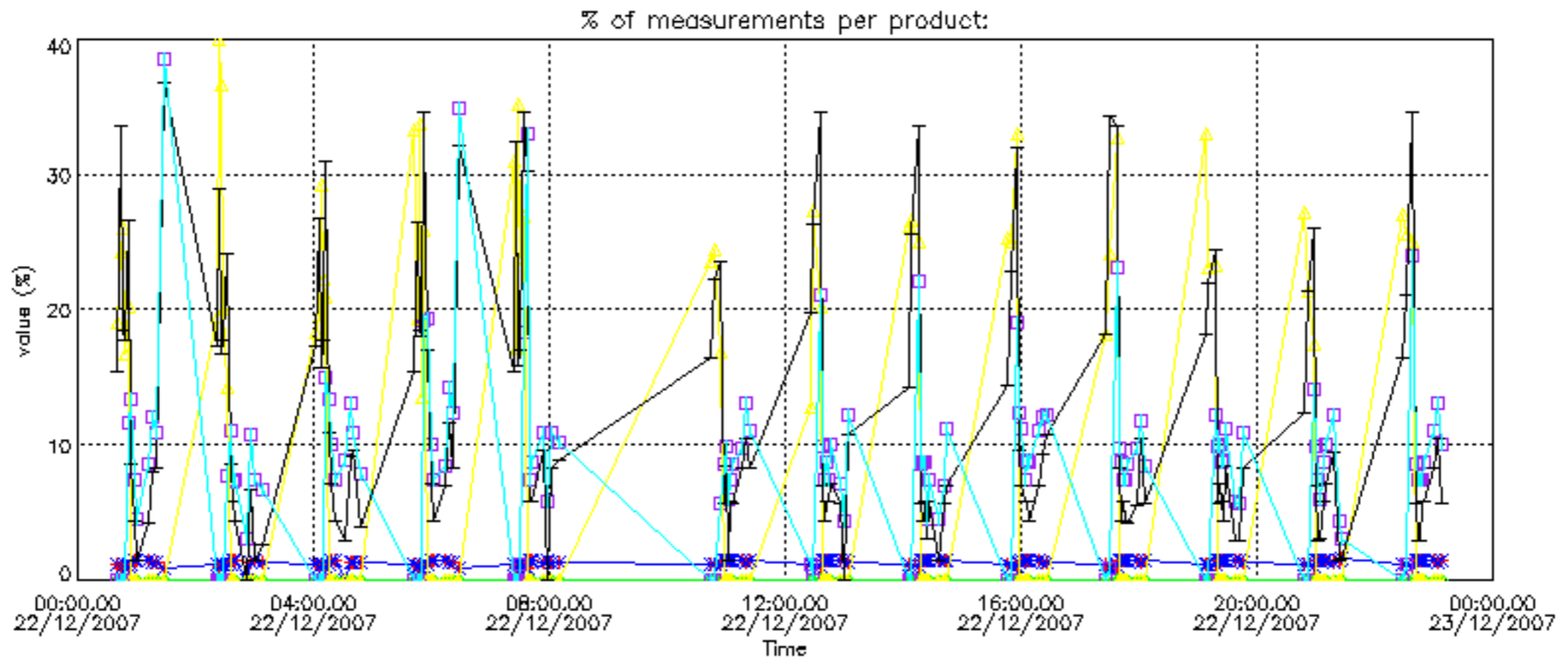
Percentage of flagged data per NO2 profile



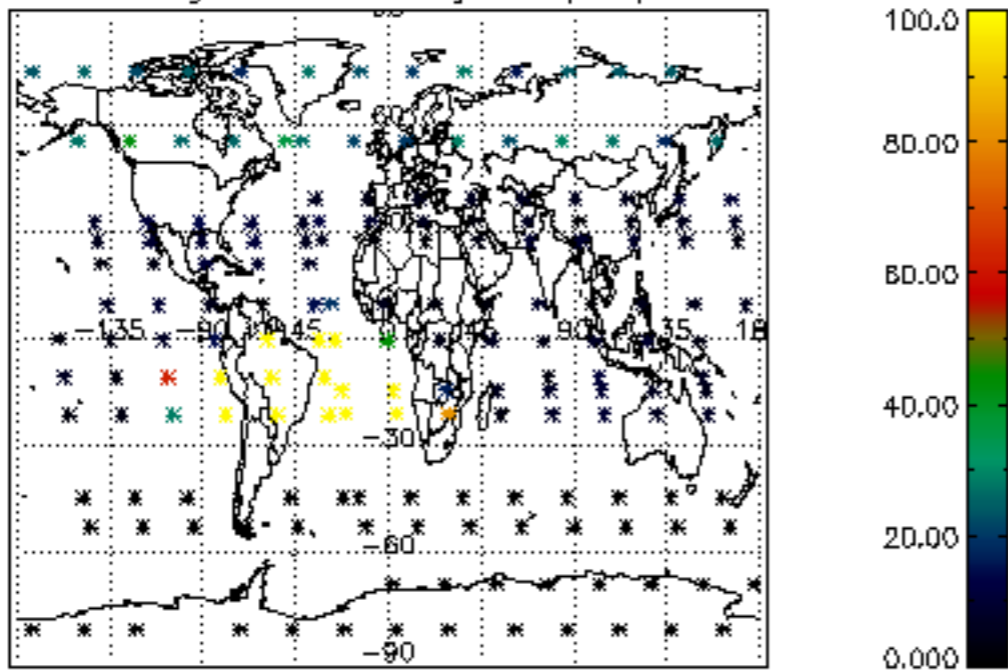
Percentage of flagged data per NO3 profile



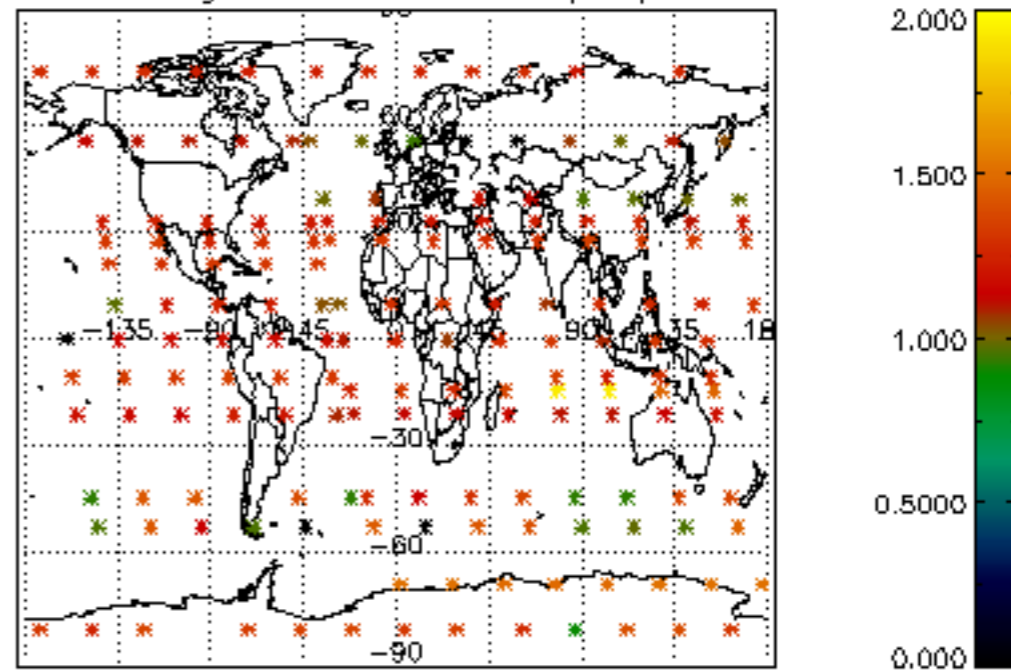




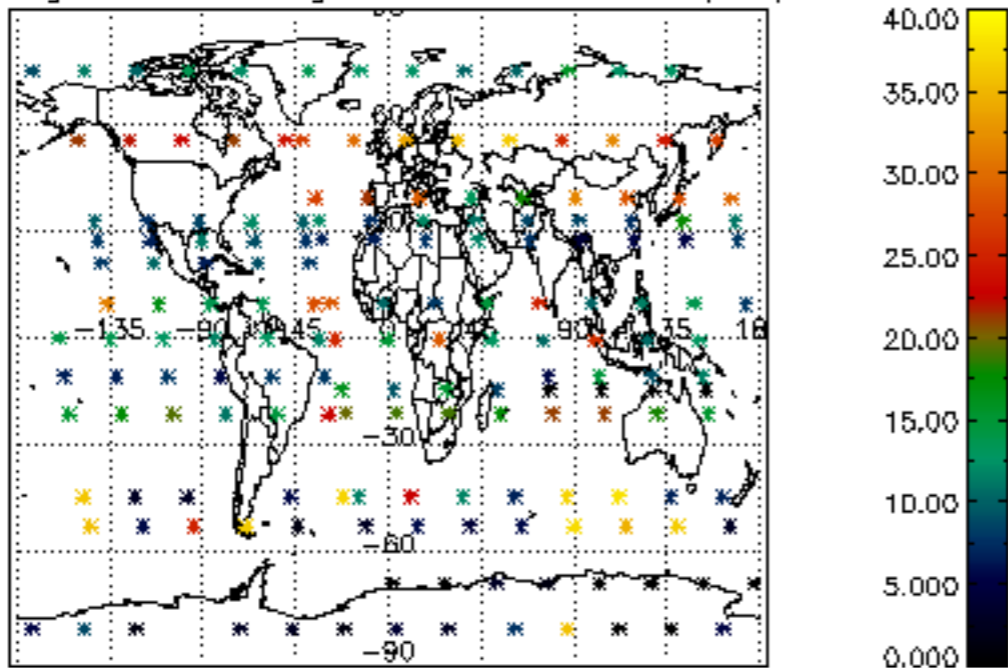
Percentage of cosmic ray hits per profile



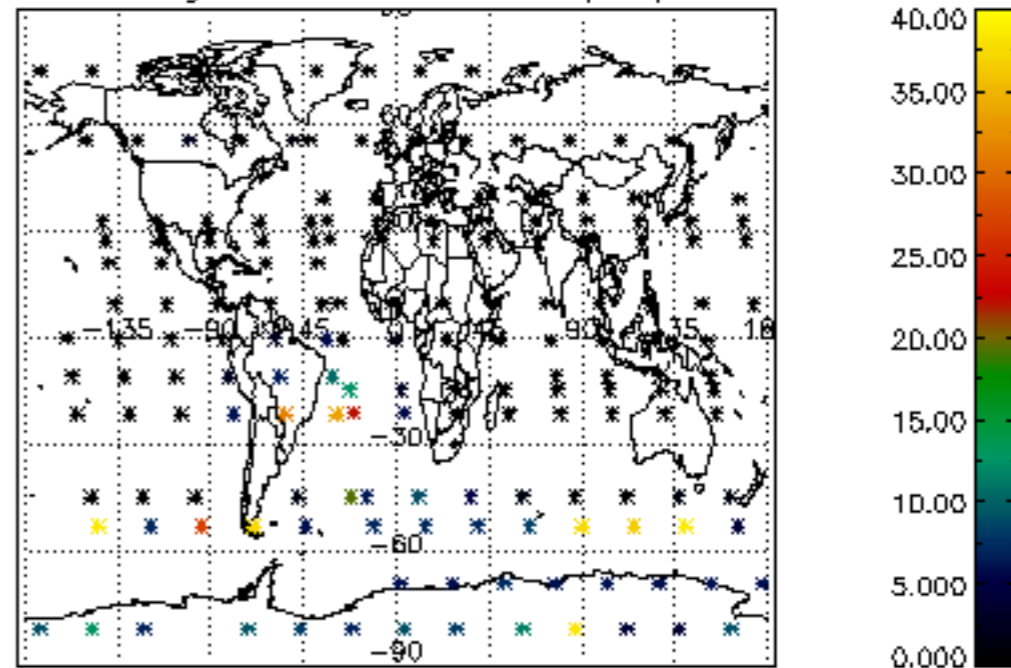
Percentage of datation errors per profile



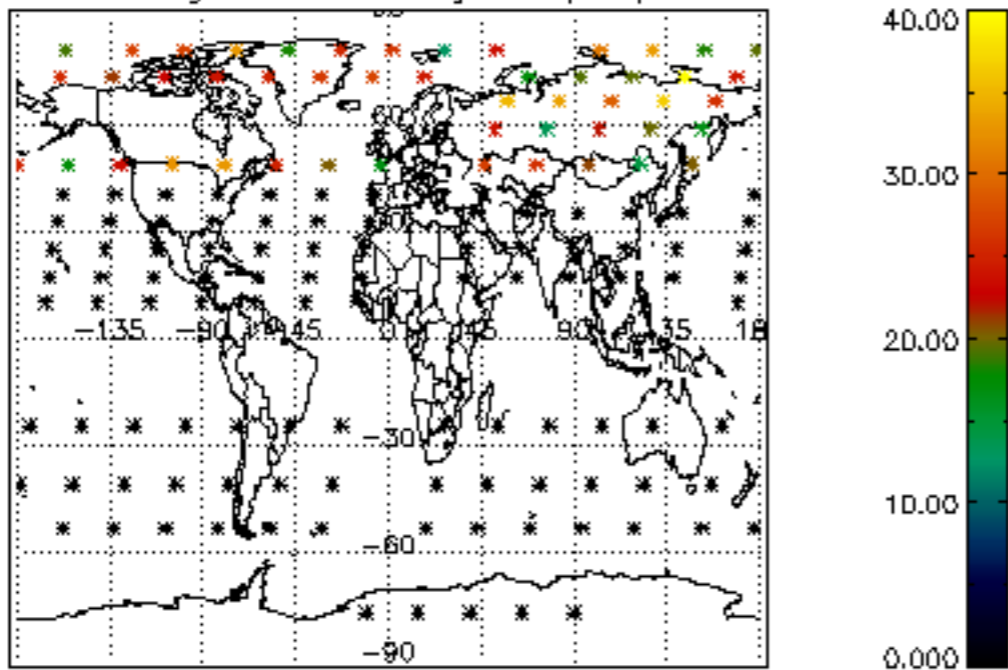
Percentage of star falling outside central band per profile



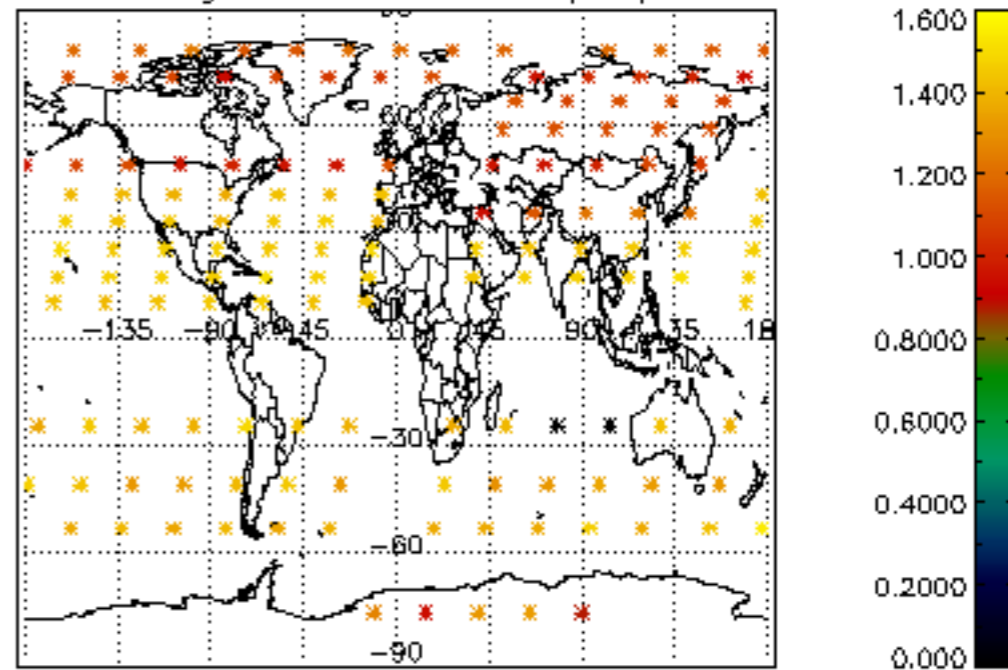
Percentage of saturation errors per profile



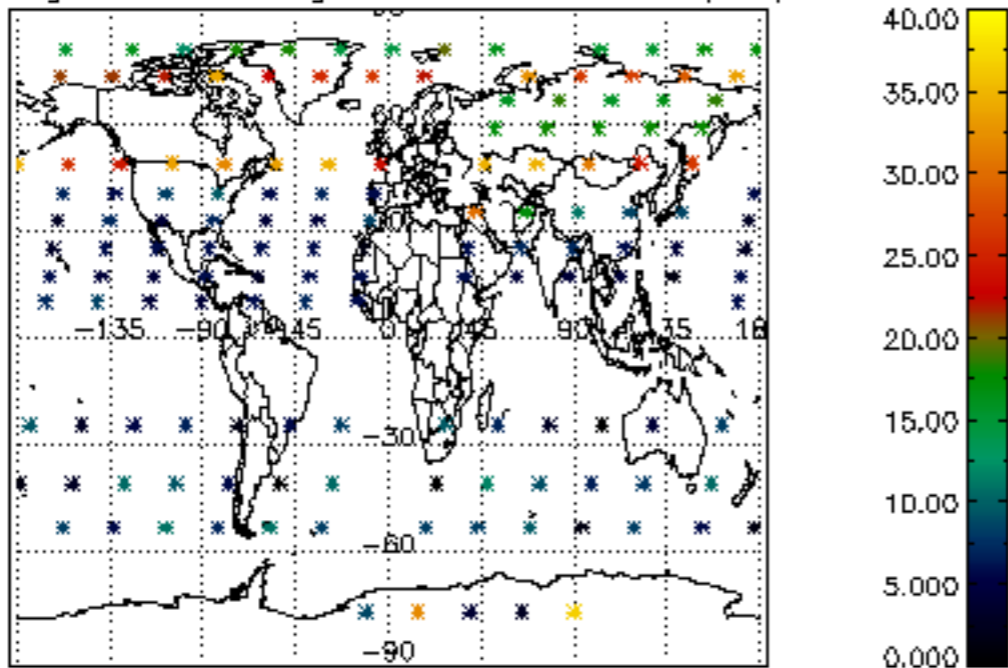
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

