

GOMOS Level 2 Daily Report

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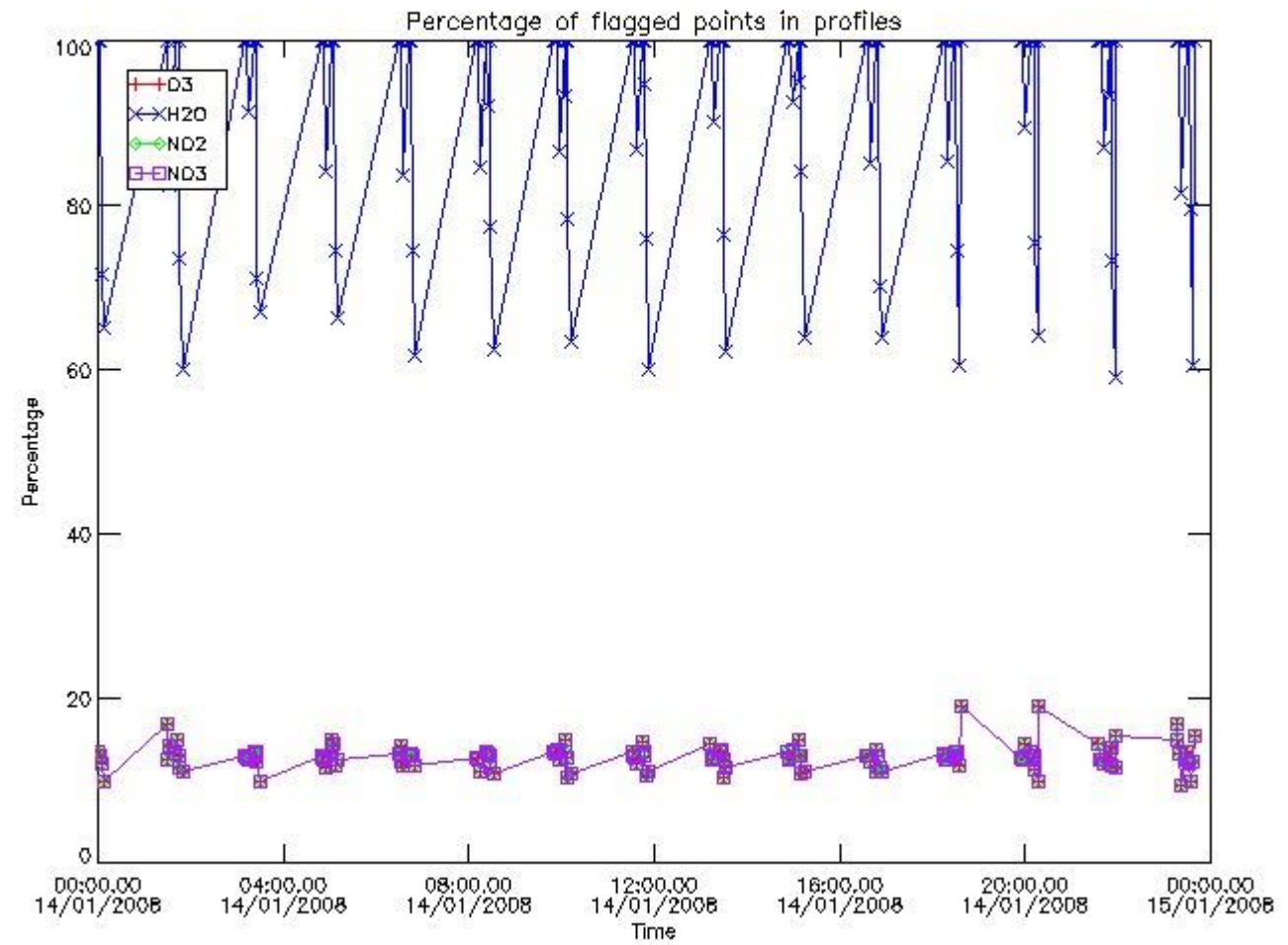
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397	GOM_NL__2PRFIN20080114_221717_000000352065_00101_30716_8192.N1	14-JAN-2008 22:17:17	Bright	35.000	176	23Zet Tau	3.0200	22000.	70	30716	No
398	GOM_NL__2PRFIN20080114_221926_000000362065_00101_30716_8193.N1	14-JAN-2008 22:19:26	Bright	35.500	28	12Bet Tau	1.6500	15200.	71	30716	No
399	GOM_NL__2PRFIN20080114_222100_000000372065_00101_30716_8194.N1	14-JAN-2008 22:21:00	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	30716	No
400	GOM_NL__2PRFIN20080114_222356_000000362065_00101_30716_8195.N1	14-JAN-2008 22:23:56	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30716	No
401	GOM_NL__2PRFIN20080114_223628_000000362065_00101_30716_8196.N1	14-JAN-2008 22:36:28	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30716	No
402	GOM_NL__2PRFIN20080114_224446_000000362065_00101_30716_8197.N1	14-JAN-2008 22:44:46	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30716	No
403	GOM_NL__2PRFIN20080114_224719_000000522065_00101_30716_8198.N1	14-JAN-2008 22:47:19	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	30716	No
404	GOM_NL__2PRFIN20080114_225335_000000542065_00101_30716_8199.N1	14-JAN-2008 22:53:35	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	30716	No
405	GOM_NL__2PRFIN20080114_225640_000000372065_00101_30716_8200.N1	14-JAN-2008 22:56:40	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	30716	No
406	GOM_NL__2PRFIN20080114_225823_000000332065_00101_30716_8201.N1	14-JAN-2008 22:58:23	Bright	32.500	59	55Alp Oph	2.0800	8900.0	65	30716	No
407	GOM_NL__2PRFIN20080114_230415_000000562065_00101_30716_8202.N1	14-JAN-2008 23:04:15	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	30716	No
408	GOM_NL__2PRFIN20080114_230538_000000532065_00101_30716_8203.N1	14-JAN-2008 23:05:38	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	30716	No
409	GOM_NL__2PRFIN20080114_231005_000000462065_00101_30716_8204.N1	14-JAN-2008 23:10:05	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	30716	No
410	GOM_NL__2PRFIN20080114_231148_000000412065_00101_30716_8205.N1	14-JAN-2008 23:11:48	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30716	No
411	GOM_NL__2PRFIN20080114_231518_000000382065_00101_30716_8206.N1	14-JAN-2008 23:15:18	Dark	37.500	131	Gam Lup	2.8000	26000.	75	30716	No
412	GOM_NL__2PRFIN20080114_231702_000000402065_00101_30716_8207.N1	14-JAN-2008 23:17:02	Dark	39.500	109	Bet Lup	2.6770	26000.	79	30716	No
413	GOM_NL__2PRFIN20080114_231832_000000392065_00101_30716_8208.N1	14-JAN-2008 23:18:32	Dark	38.500	78	Alp Lup	2.3040	28000.	77	30716	No
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415	GOM_NL__2PRFIN20080114_232848_000000382065_00102_30717_8195.N1	14-JAN-2008 23:28:48	Dark	38.000	124	The Car	2.7640	30000.	76	30717	No
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418	GOM_NL__2PRFIN20080114_233322_000000522065_00102_30717_8198.N1	14-JAN-2008 23:33:22	Dark	52.000	41	Eps Car	1.8600	4100.0	104	30717	No
419	GOM_NL__2PRFIN20080114_233701_000000462065_00102_30717_8199.N1	14-JAN-2008 23:37:01	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	30717	No
420	GOM_NL__2PRFIN20080114_233851_000000332065_00102_30717_8200.N1	14-JAN-2008 23:38:51	Dark	33.000	70	Zet Pup	2.2460	39000.	66	30717	No
421	GOM_NL__2PRFIN20080114_234032_000000452065_00102_30717_8201.N1	14-JAN-2008 23:40:32	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30717	No
422	GOM_NL__2PRFIN20080114_234306_000000432065_00102_30717_8202.N1	14-JAN-2008 23:43:06	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30717	No
423	GOM_NL__2PRFIN20080114_234432_000000412065_00102_30717_8203.N1	14-JAN-2008 23:44:32	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	30717	No
424	GOM_NL__2PRFIN20080114_234646_000000502065_00102_30717_8204.N1	14-JAN-2008 23:46:46	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	30717	No
425	GOM_NL__2PRFIN20080114_234915_000000432065_00102_30717_8205.N1	14-JAN-2008 23:49:15	Straylight	42.500	56	53Kap Ori	2.0650	30000.	85	30717	No
426	GOM_NL__2PRFIN20080114_235025_000000392065_00102_30717_8206.N1	14-JAN-2008 23:50:25	Straylight	38.500	125	44lot Ori	2.7700	30000.	77	30717	No
427	GOM_NL__2PRFIN20080114_235143_000000402065_00102_30717_8207.N1	14-JAN-2008 23:51:43	Twilight	39.500	30	46Eps Ori	1.6940	30000.	79	30717	No
428	GOM_NL__2PRFIN20080114_235357_000000522065_00102_30717_8208.N1	14-JAN-2008 23:53:57	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30717	No
429	GOM_NL__2PRFIN20080114_235629_000000422065_00102_30717_8209.N1	14-JAN-2008 23:56:29	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	30717	No
430	GOM_NL__2PRFIN20080114_235753_000000362065_00102_30717_8210.N1	14-JAN-2008 23:57:53	Bright	36.000	176	23Zet Tau	3.0200	22000.	72	30717	No

3. Quality information per product

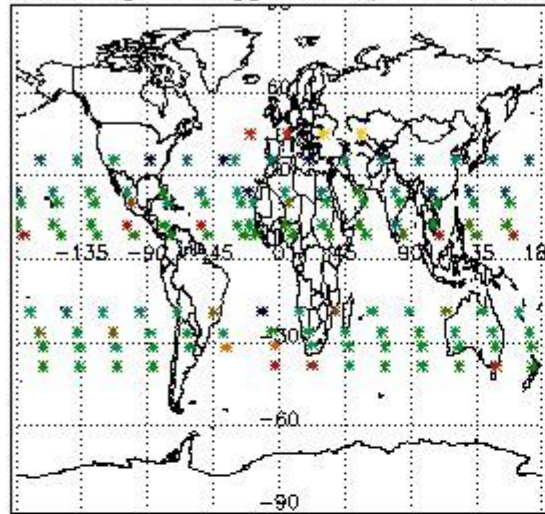
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

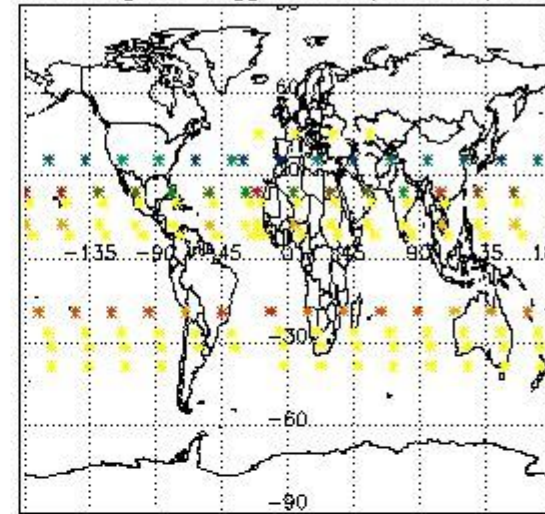


3.2 Plot quality information per product (world map)

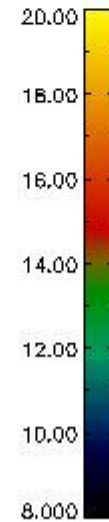
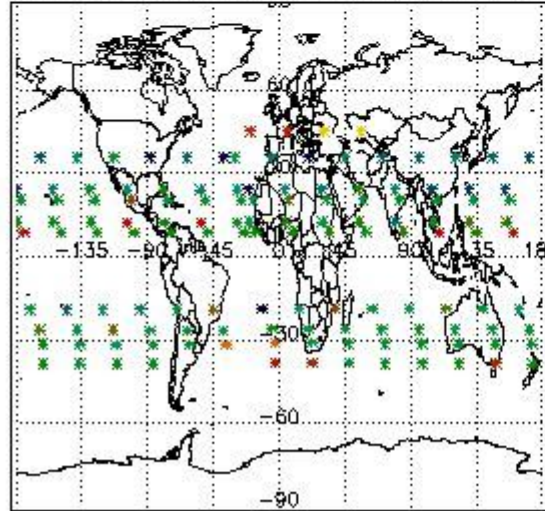
Percentage of flagged data per O3 profile



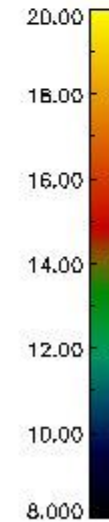
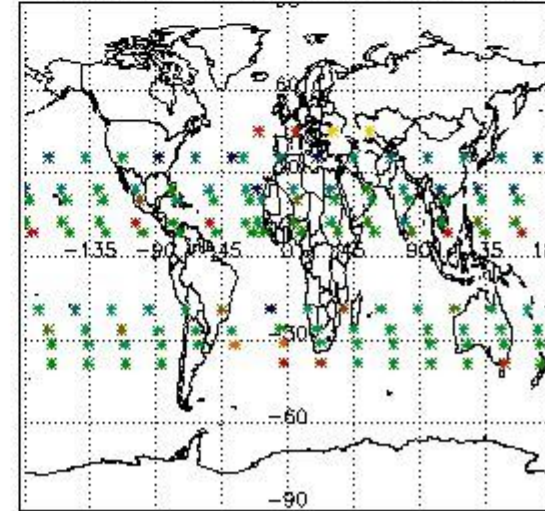
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

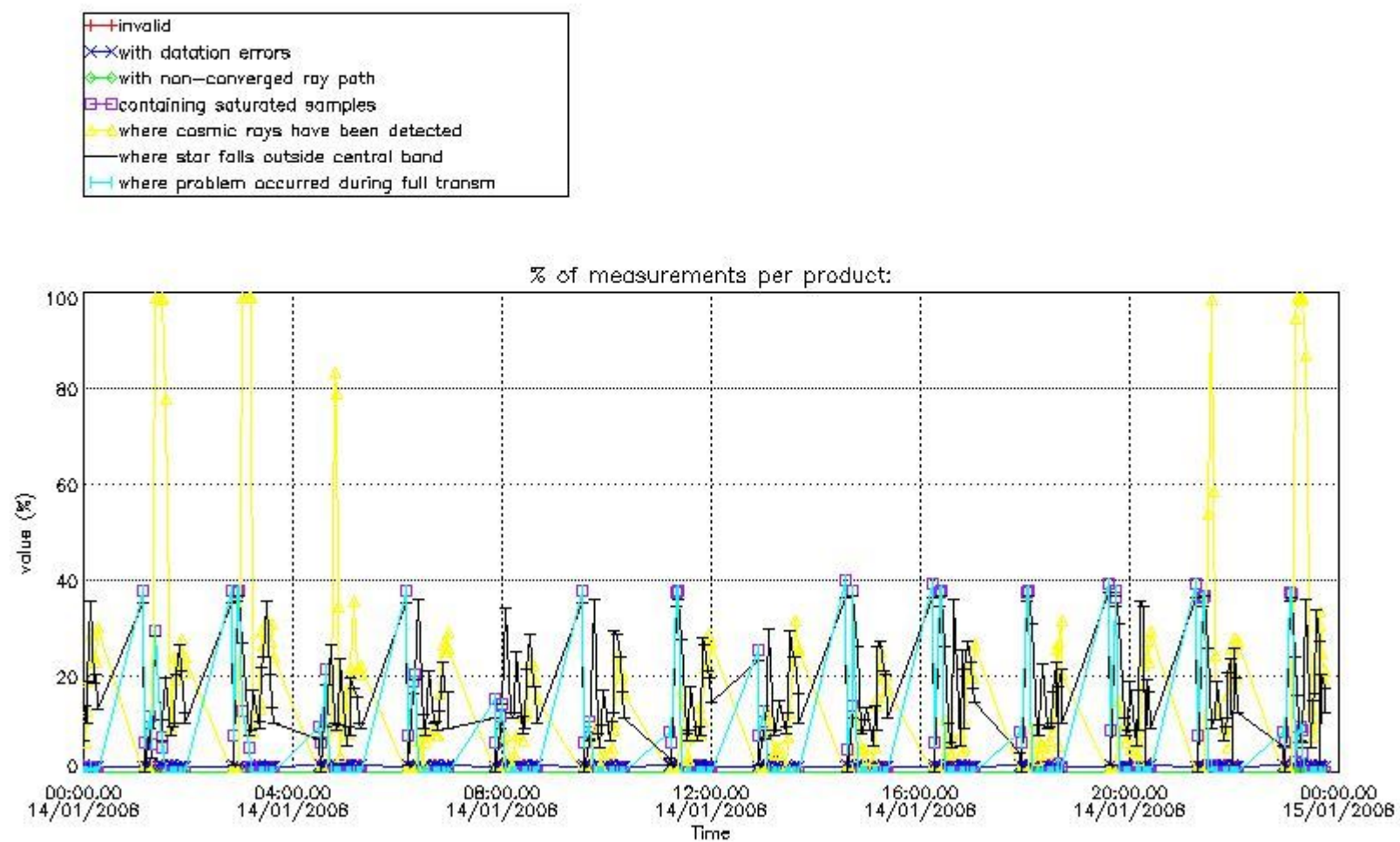


4. Level 1 quality information per product

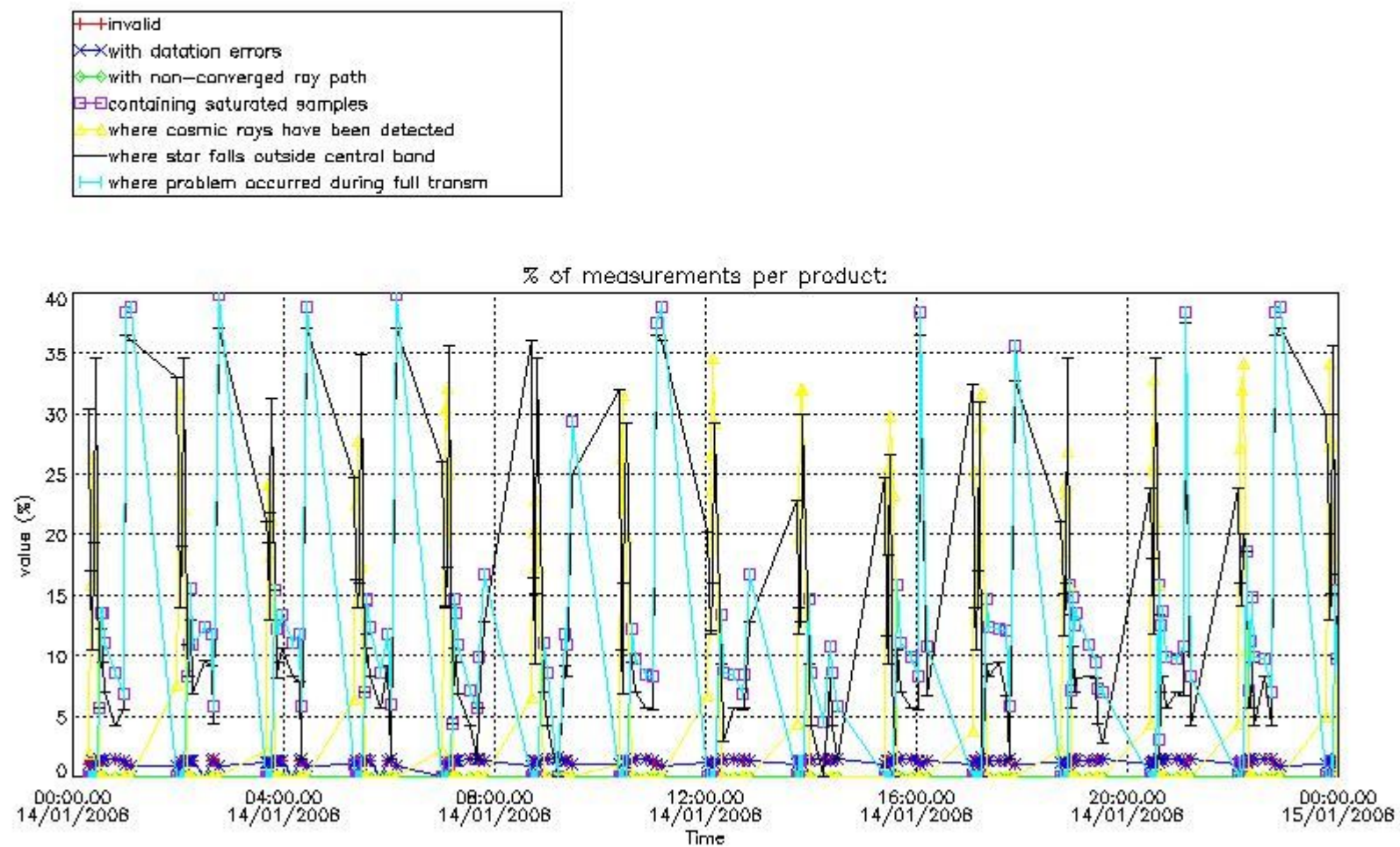
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



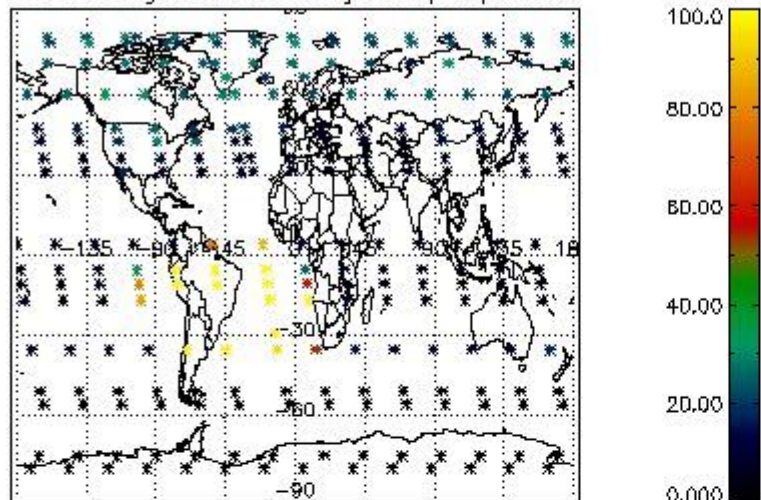
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



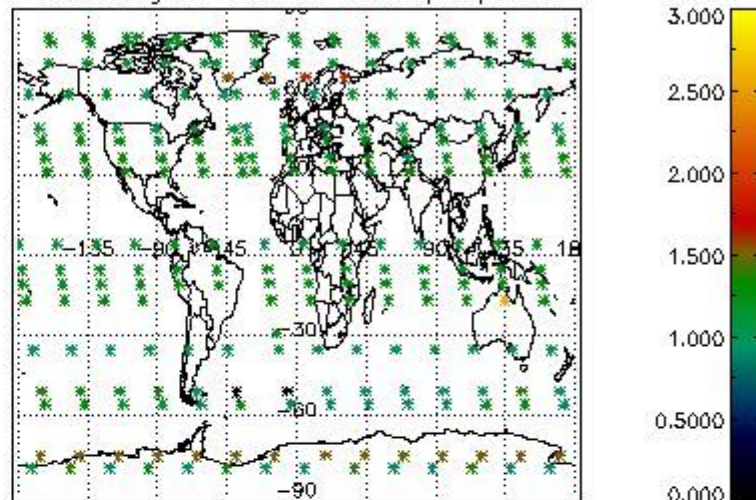
4.2 Plot quality information per product coming from level 1b processing (world map)

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

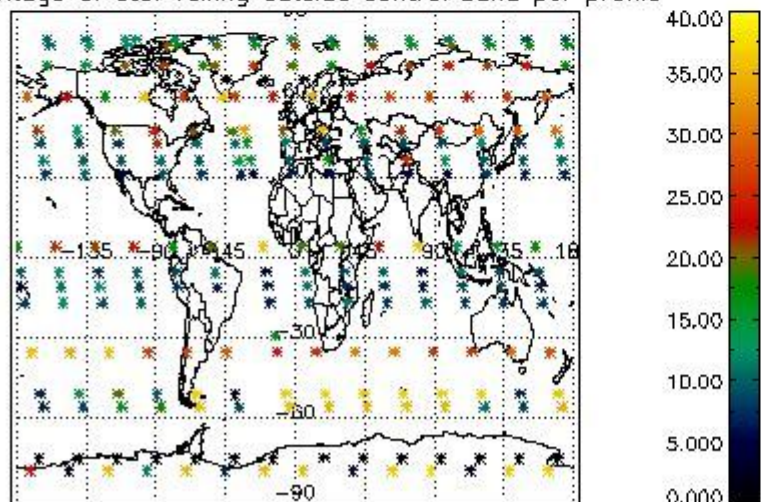
Percentage of cosmic ray hits per profile



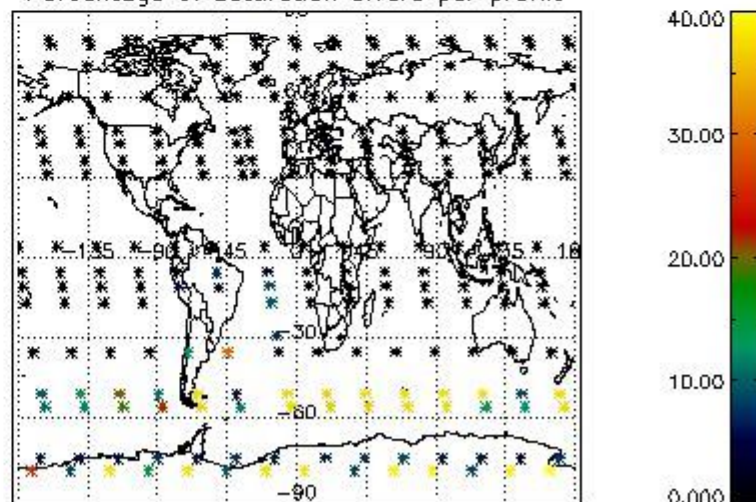
Percentage of datation errors per profile



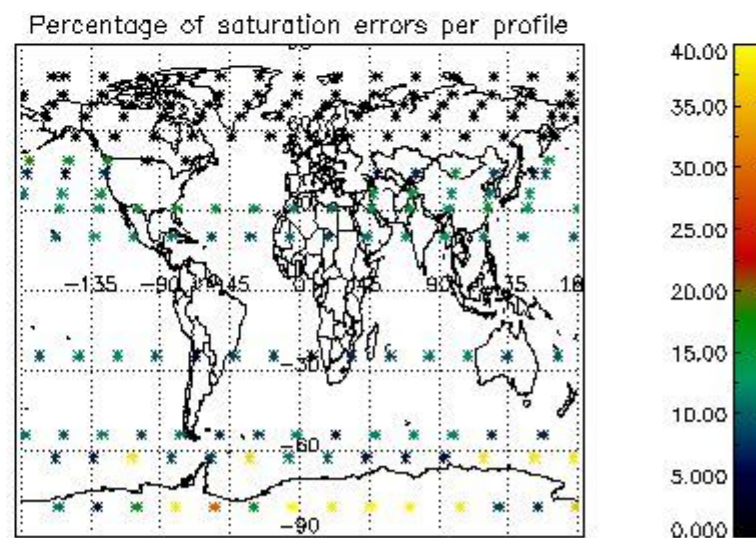
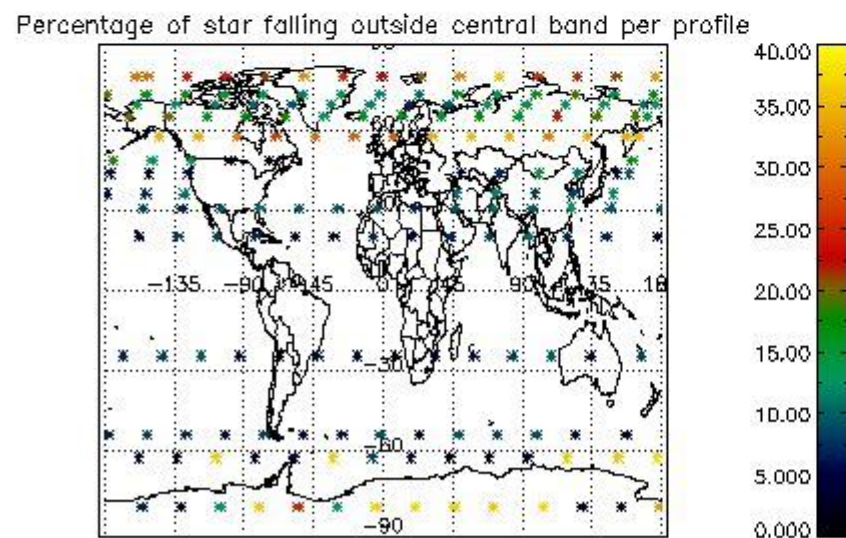
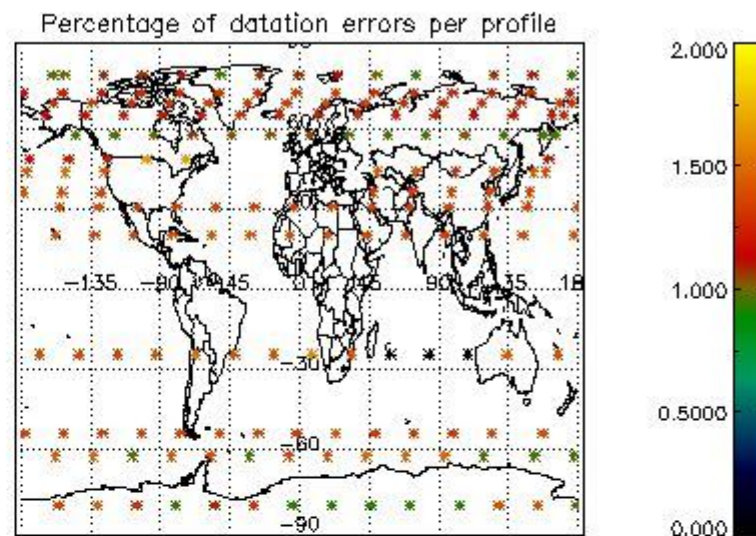
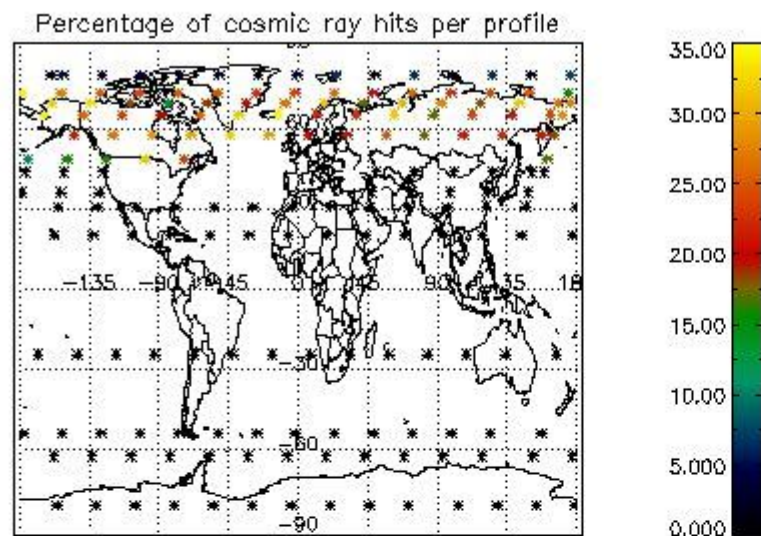
Percentage of star falling outside central band per profile



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

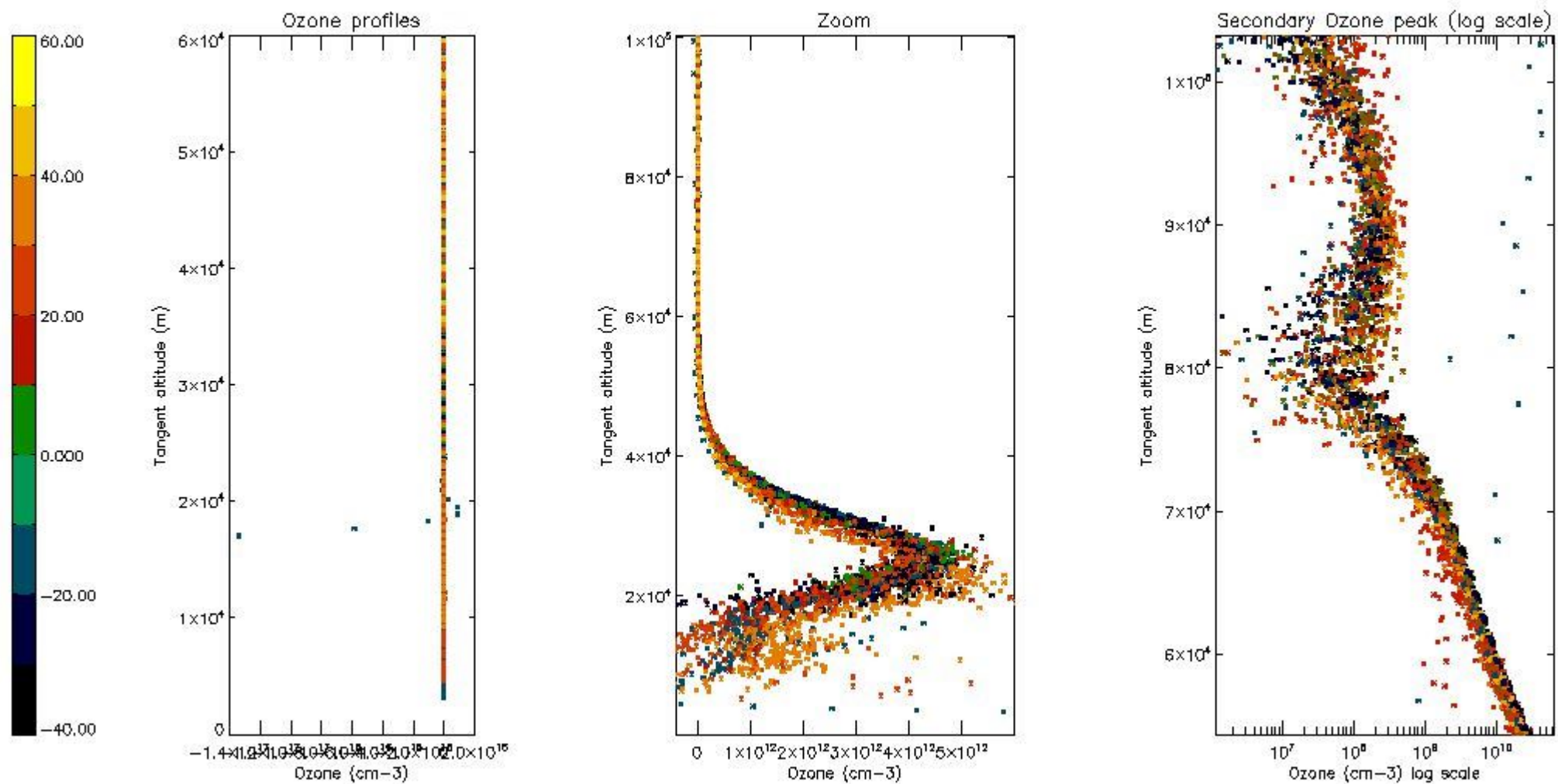
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	18

STD < 10	15
STD < 5	10

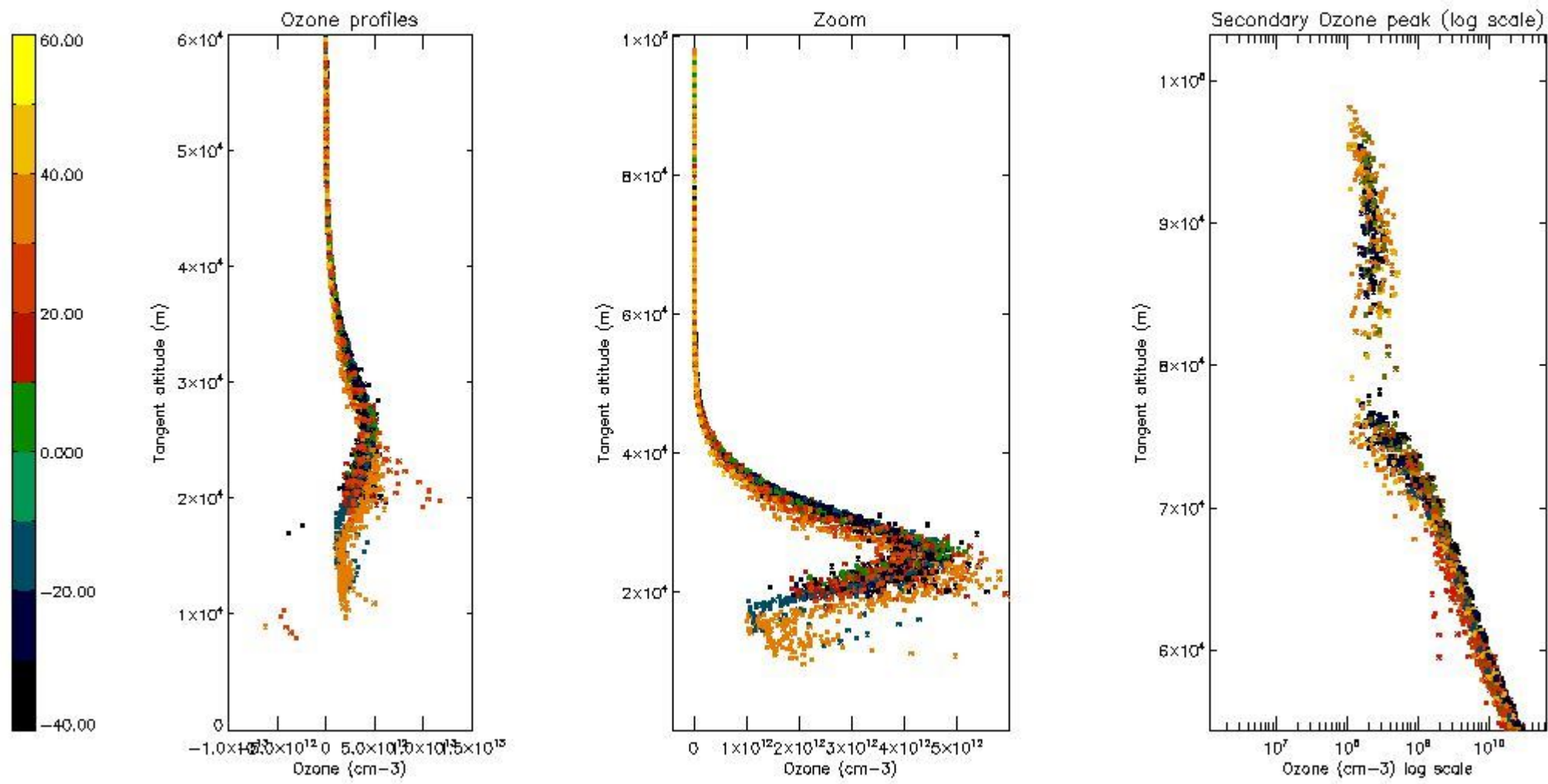
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



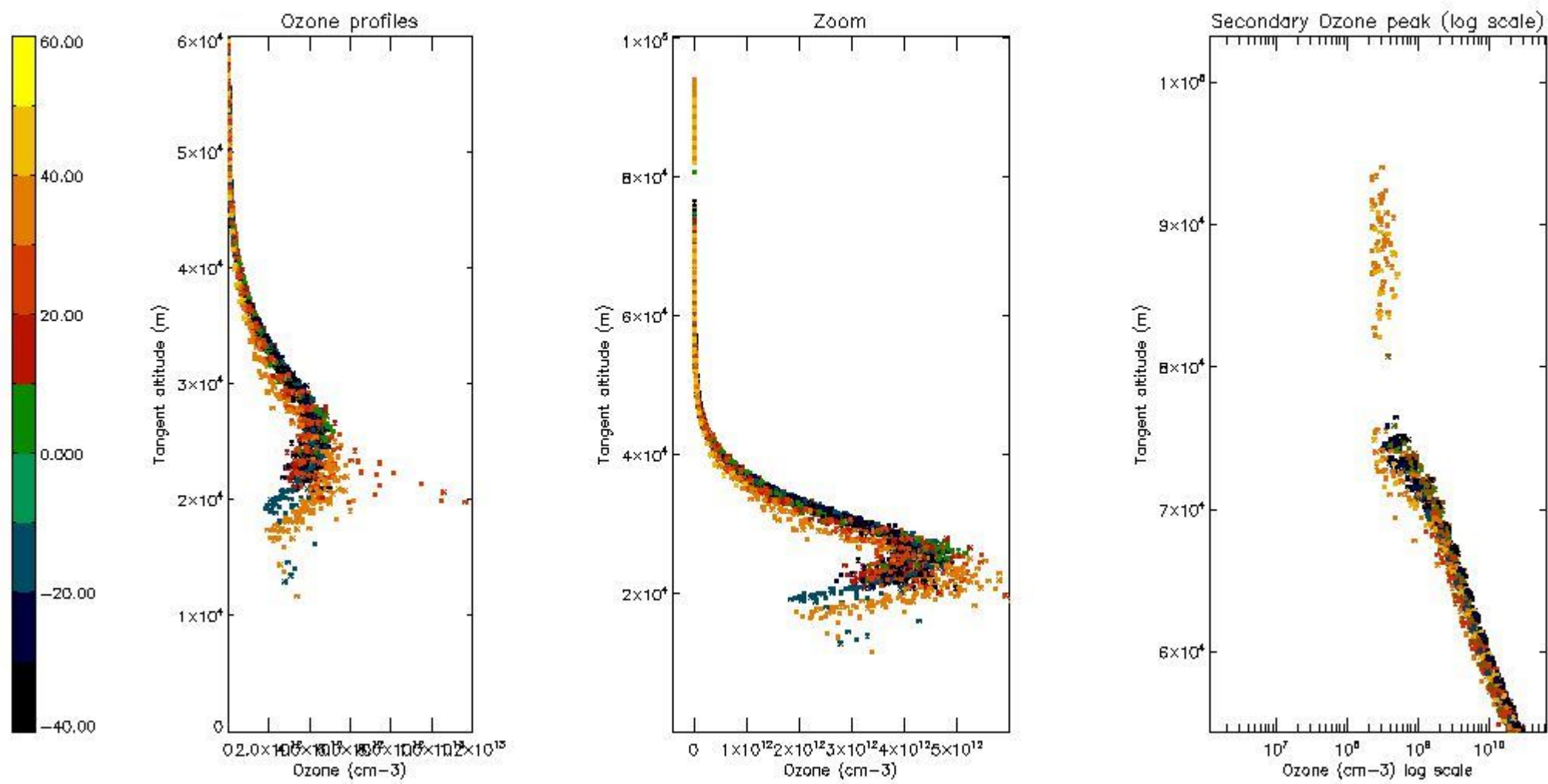
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



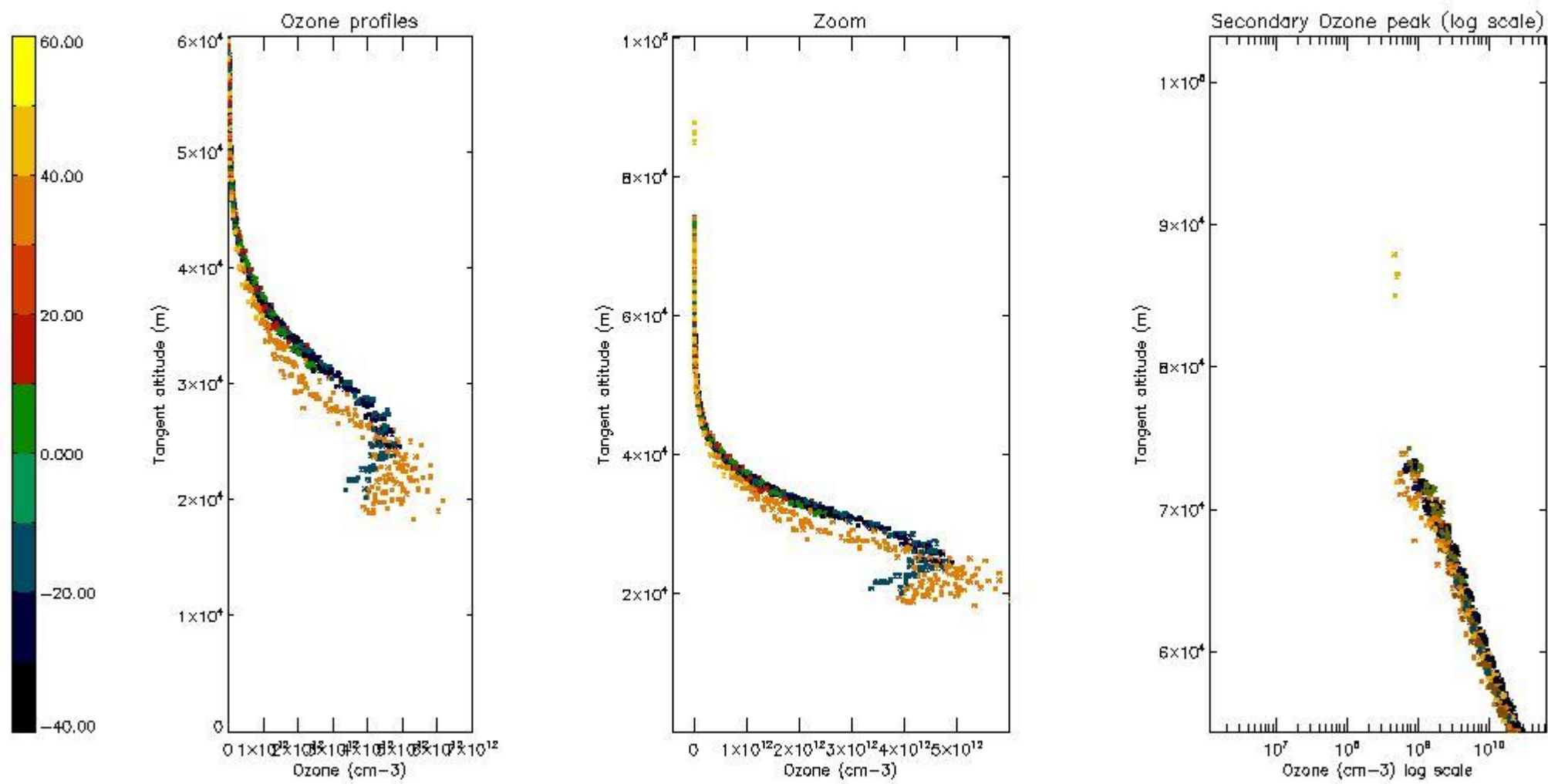
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



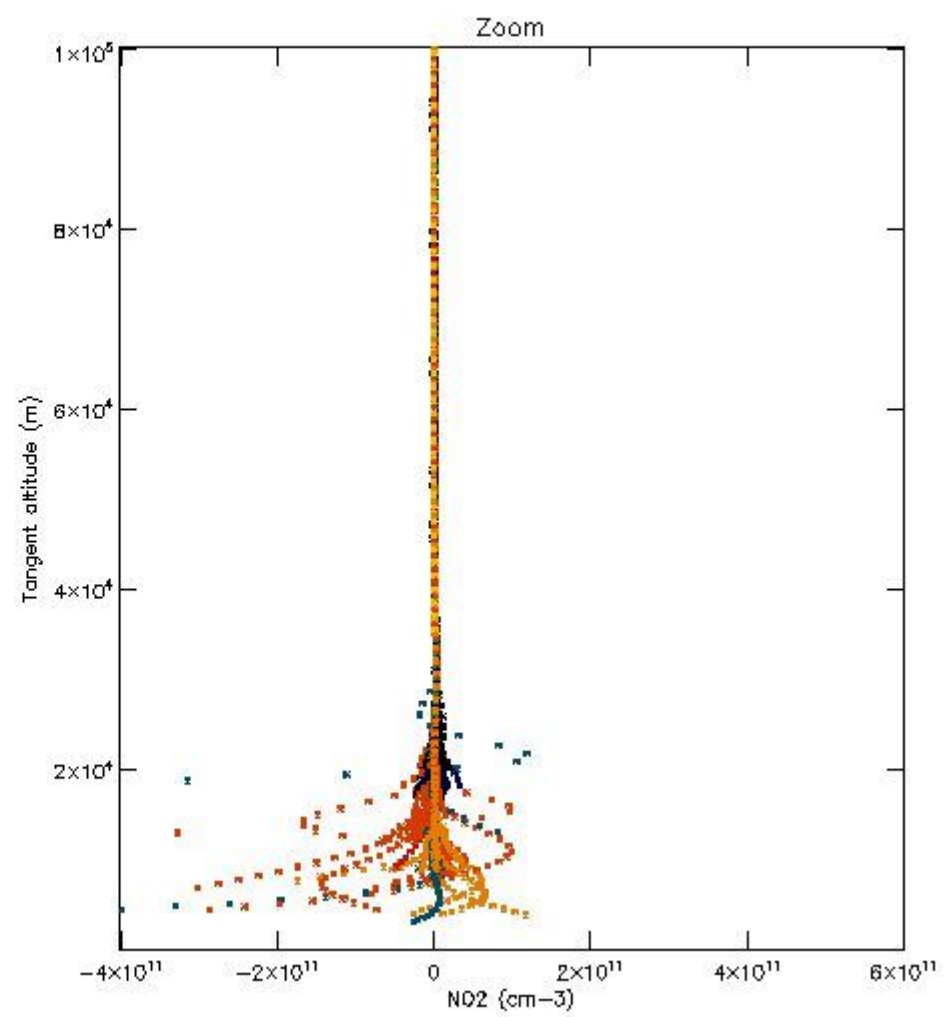
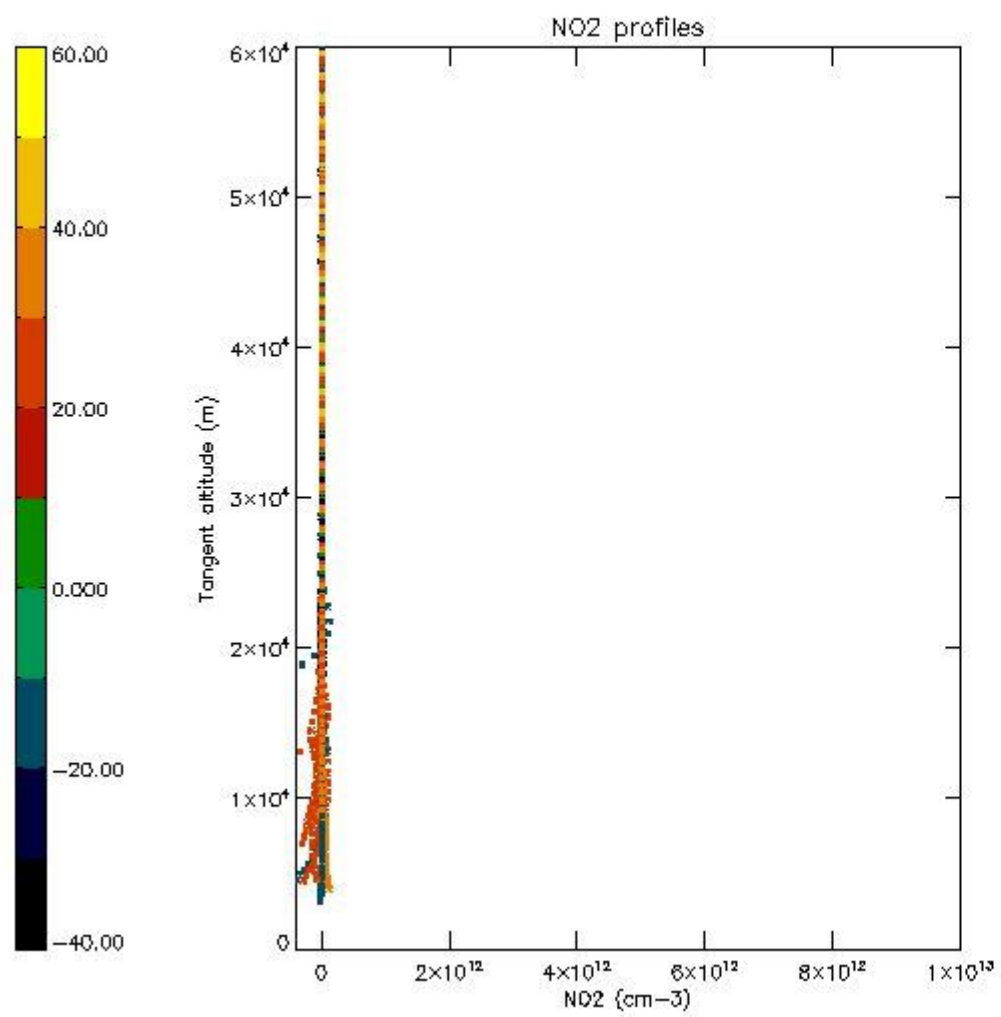
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



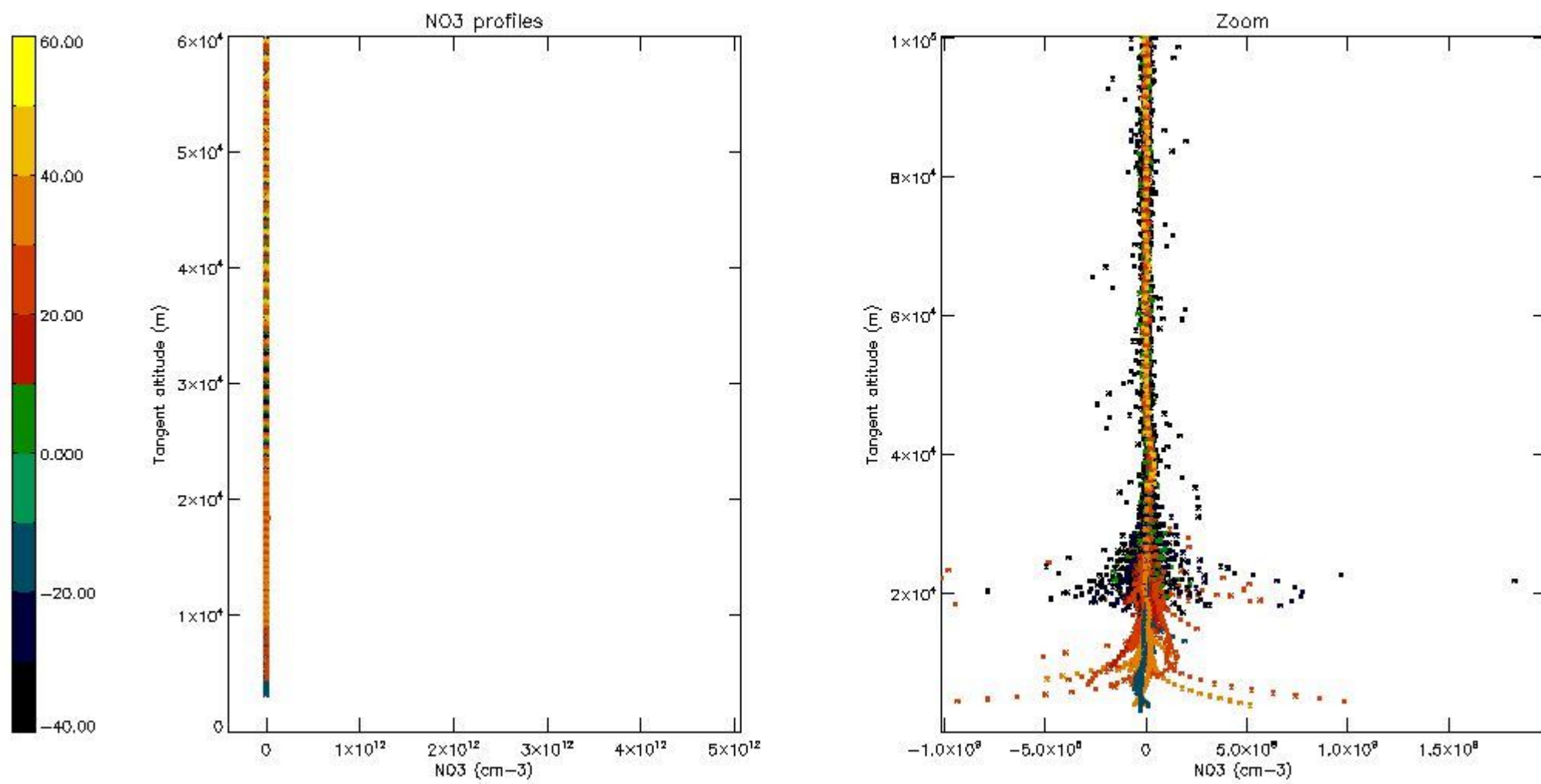
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



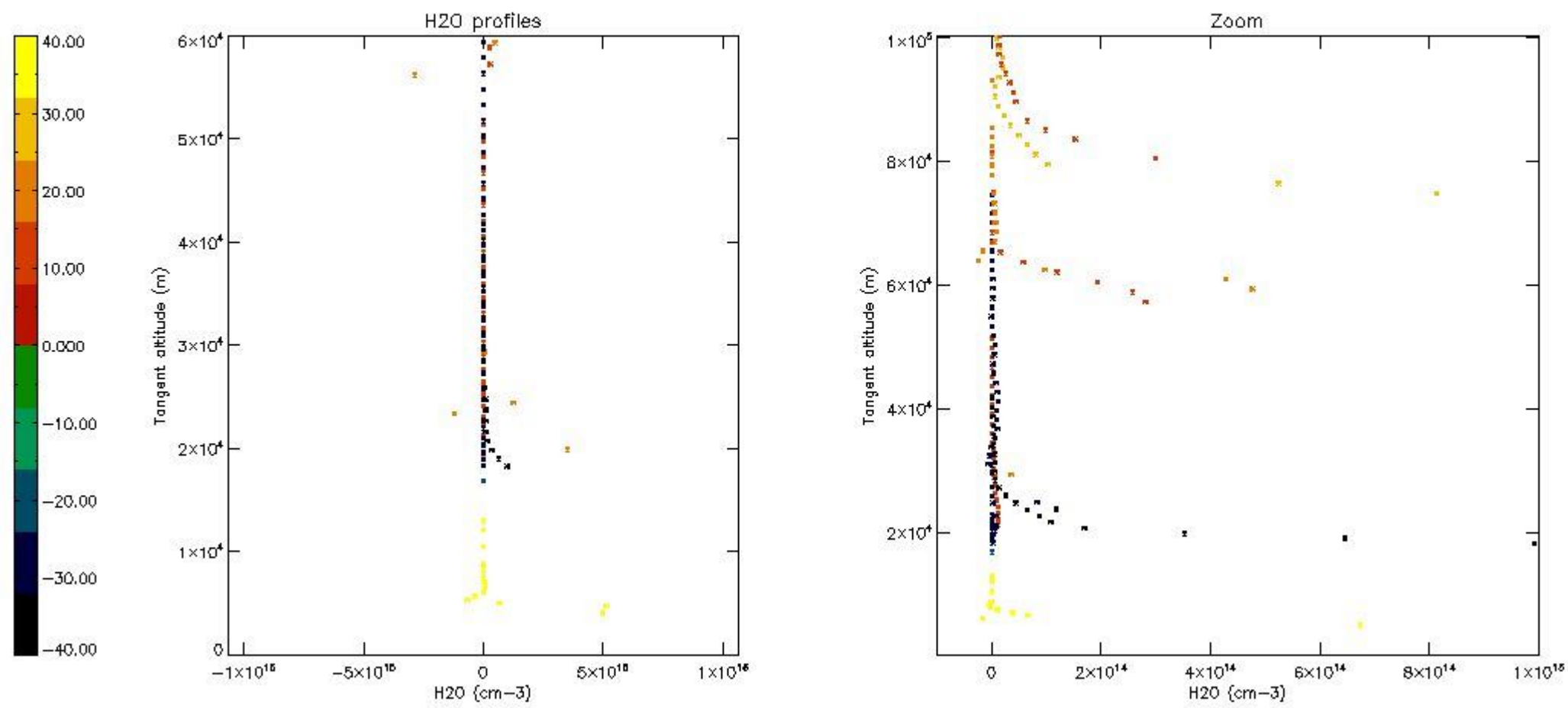
5.7 Plot NO3 profiles for all STD (dark without errors)

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	14-JAN-2008 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JAN-2008 00:00:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JAN-2008 00:00:18

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

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[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](#)

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[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](#)

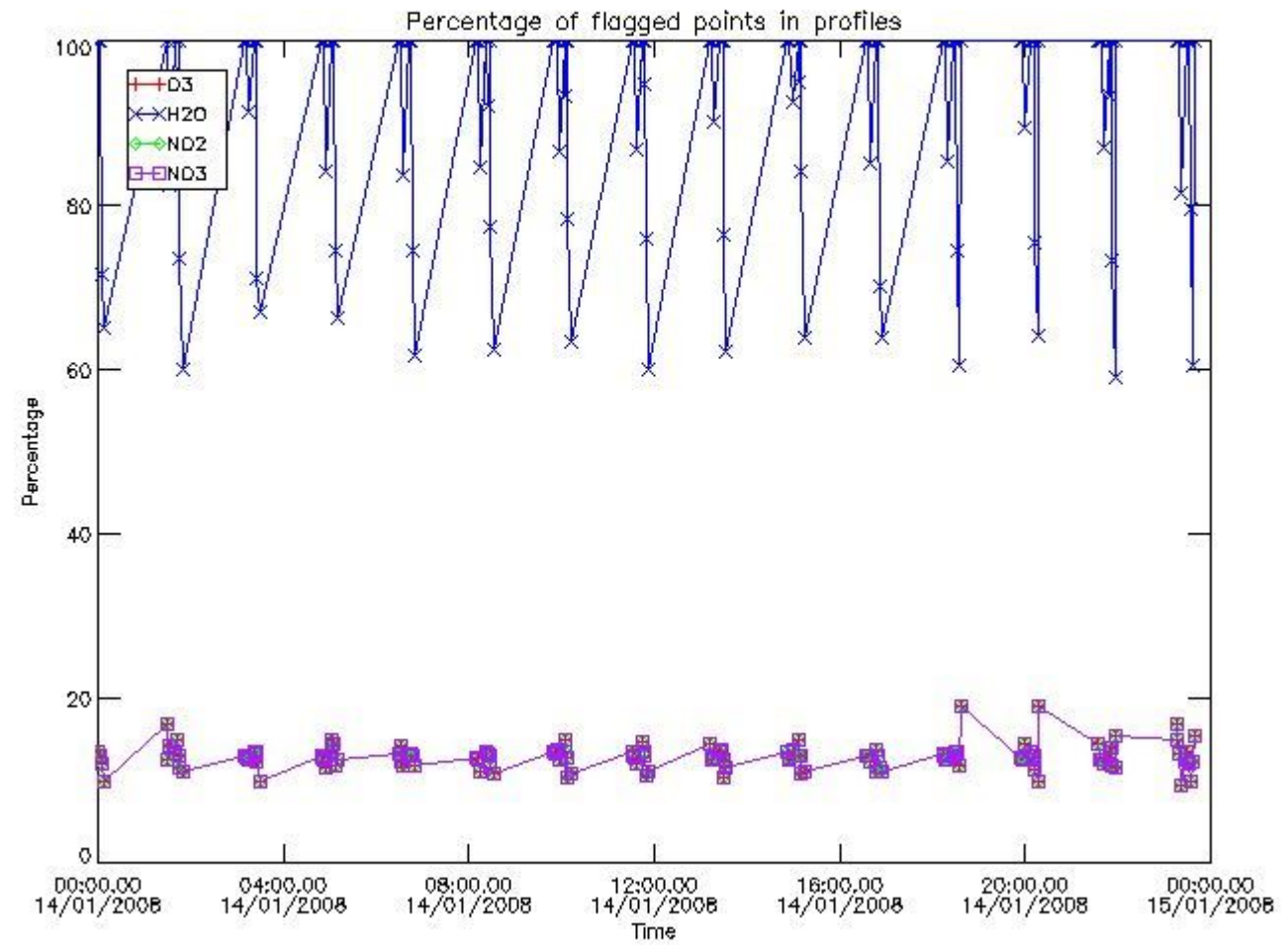
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397	GOM_NL__2PRFIN20080114_221717_000000352065_00101_30716_8192.N1	14-JAN-2008 22:17:17	Bright	35.000	176	23Zet Tau	3.0200	22000.	70	30716	No
398	GOM_NL__2PRFIN20080114_221926_000000362065_00101_30716_8193.N1	14-JAN-2008 22:19:26	Bright	35.500	28	12Bet Tau	1.6500	15200.	71	30716	No
399	GOM_NL__2PRFIN20080114_222100_000000372065_00101_30716_8194.N1	14-JAN-2008 22:21:00	Bright	37.000	114	3Iot Aur	2.6930	4600.0	74	30716	No
400	GOM_NL__2PRFIN20080114_222356_000000362065_00101_30716_8195.N1	14-JAN-2008 22:23:56	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30716	No
401	GOM_NL__2PRFIN20080114_223628_000000362065_00101_30716_8196.N1	14-JAN-2008 22:36:28	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30716	No
402	GOM_NL__2PRFIN20080114_224446_000000362065_00101_30716_8197.N1	14-JAN-2008 22:44:46	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30716	No
403	GOM_NL__2PRFIN20080114_224719_000000522065_00101_30716_8198.N1	14-JAN-2008 22:47:19	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	30716	No
404	GOM_NL__2PRFIN20080114_225335_000000542065_00101_30716_8199.N1	14-JAN-2008 22:53:35	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	30716	No
405	GOM_NL__2PRFIN20080114_225640_000000372065_00101_30716_8200.N1	14-JAN-2008 22:56:40	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	30716	No
406	GOM_NL__2PRFIN20080114_225823_000000332065_00101_30716_8201.N1	14-JAN-2008 22:58:23	Bright	32.500	59	55Alp Oph	2.0800	8900.0	65	30716	No
407	GOM_NL__2PRFIN20080114_230415_000000562065_00101_30716_8202.N1	14-JAN-2008 23:04:15	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	30716	No
408	GOM_NL__2PRFIN20080114_230538_000000532065_00101_30716_8203.N1	14-JAN-2008 23:05:38	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	30716	No
409	GOM_NL__2PRFIN20080114_231005_000000462065_00101_30716_8204.N1	14-JAN-2008 23:10:05	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	30716	No
410	GOM_NL__2PRFIN20080114_231148_000000412065_00101_30716_8205.N1	14-JAN-2008 23:11:48	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30716	No
411	GOM_NL__2PRFIN20080114_231518_000000382065_00101_30716_8206.N1	14-JAN-2008 23:15:18	Dark	37.500	131	Gam Lup	2.8000	26000.	75	30716	No
412	GOM_NL__2PRFIN20080114_231702_000000402065_00101_30716_8207.N1	14-JAN-2008 23:17:02	Dark	39.500	109	Bet Lup	2.6770	26000.	79	30716	No
413	GOM_NL__2PRFIN20080114_231832_000000392065_00101_30716_8208.N1	14-JAN-2008 23:18:32	Dark	38.500	78	Alp Lup	2.3040	28000.	77	30716	No
414	GOM_NL__2PRFIN20080114_232110_000000542065_00102_30717_8194.N1	14-JAN-2008 23:21:10	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	30717	No
415	GOM_NL__2PRFIN20080114_232848_000000382065_00102_30717_8195.N1	14-JAN-2008 23:28:48	Dark	38.000	124	The Car	2.7640	30000.	76	30717	No
416	GOM_NL__2PRFIN20080114_233012_000000412065_00102_30717_8196.N1	14-JAN-2008 23:30:12	Dark	40.500	29	Bet Car	1.6720	10200.	81	30717	No
417	GOM_NL__2PRFIN20080114_233205_000000432065_00102_30717_8197.N1	14-JAN-2008 23:32:05	Dark	42.500	71	Iot Car	2.2460	7700.0	85	30717	No
418	GOM_NL__2PRFIN20080114_233322_000000522065_00102_30717_8198.N1	14-JAN-2008 23:33:22	Dark	52.000	41	Eps Car	1.8600	4100.0	104	30717	No
419	GOM_NL__2PRFIN20080114_233701_000000462065_00102_30717_8199.N1	14-JAN-2008 23:37:01	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	30717	No
420	GOM_NL__2PRFIN20080114_233851_000000332065_00102_30717_8200.N1	14-JAN-2008 23:38:51	Dark	33.000	70	Zet Pup	2.2460	39000.	66	30717	No
421	GOM_NL__2PRFIN20080114_234032_000000452065_00102_30717_8201.N1	14-JAN-2008 23:40:32	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30717	No
422	GOM_NL__2PRFIN20080114_234306_000000432065_00102_30717_8202.N1	14-JAN-2008 23:43:06	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30717	No
423	GOM_NL__2PRFIN20080114_234432_000000412065_00102_30717_8203.N1	14-JAN-2008 23:44:32	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	30717	No
424	GOM_NL__2PRFIN20080114_234646_000000502065_00102_30717_8204.N1	14-JAN-2008 23:46:46	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	30717	No
425	GOM_NL__2PRFIN20080114_234915_000000432065_00102_30717_8205.N1	14-JAN-2008 23:49:15	Straylight	42.500	56	53Kap Ori	2.0650	30000.	85	30717	No
426	GOM_NL__2PRFIN20080114_235025_000000392065_00102_30717_8206.N1	14-JAN-2008 23:50:25	Straylight	38.500	125	44Iot Ori	2.7700	30000.	77	30717	No
427	GOM_NL__2PRFIN20080114_235143_000000402065_00102_30717_8207.N1	14-JAN-2008 23:51:43	Twilight	39.500	30	46Eps Ori	1.6940	30000.	79	30717	No
428	GOM_NL__2PRFIN20080114_235357_000000522065_00102_30717_8208.N1	14-JAN-2008 23:53:57	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30717	No
429	GOM_NL__2PRFIN20080114_235629_000000422065_00102_30717_8209.N1	14-JAN-2008 23:56:29	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	30717	No
430	GOM_NL__2PRFIN20080114_235753_000000362065_00102_30717_8210.N1	14-JAN-2008 23:57:53	Bright	36.000	176	23Zet Tau	3.0200	22000.	72	30717	No

3. Quality information per product

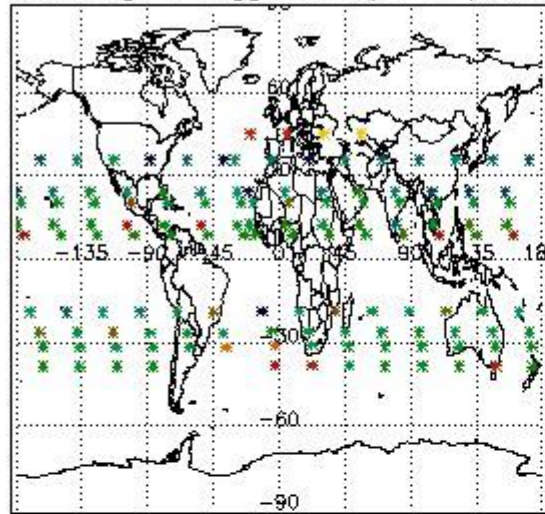
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

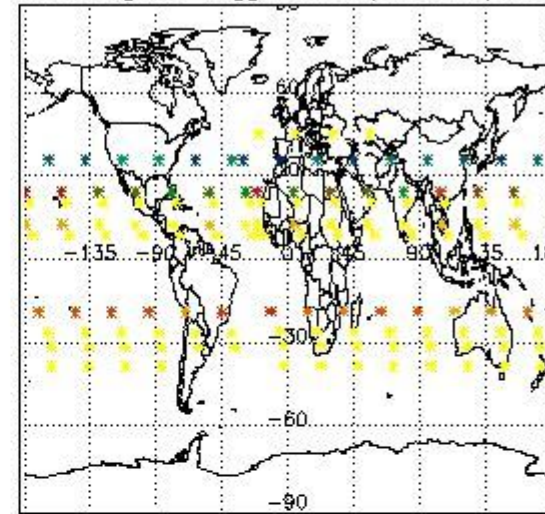


3.2 Plot quality information per product (world map)

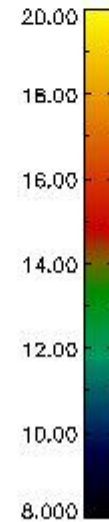
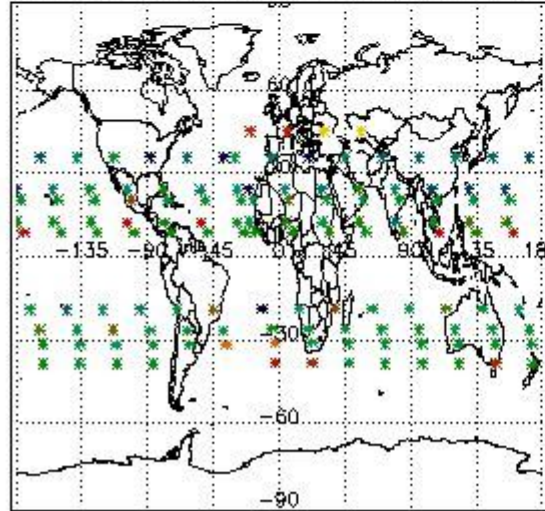
Percentage of flagged data per O3 profile



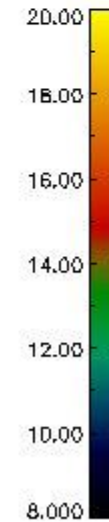
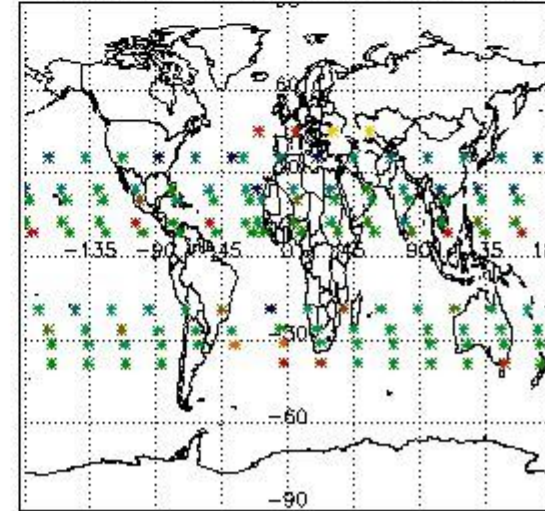
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

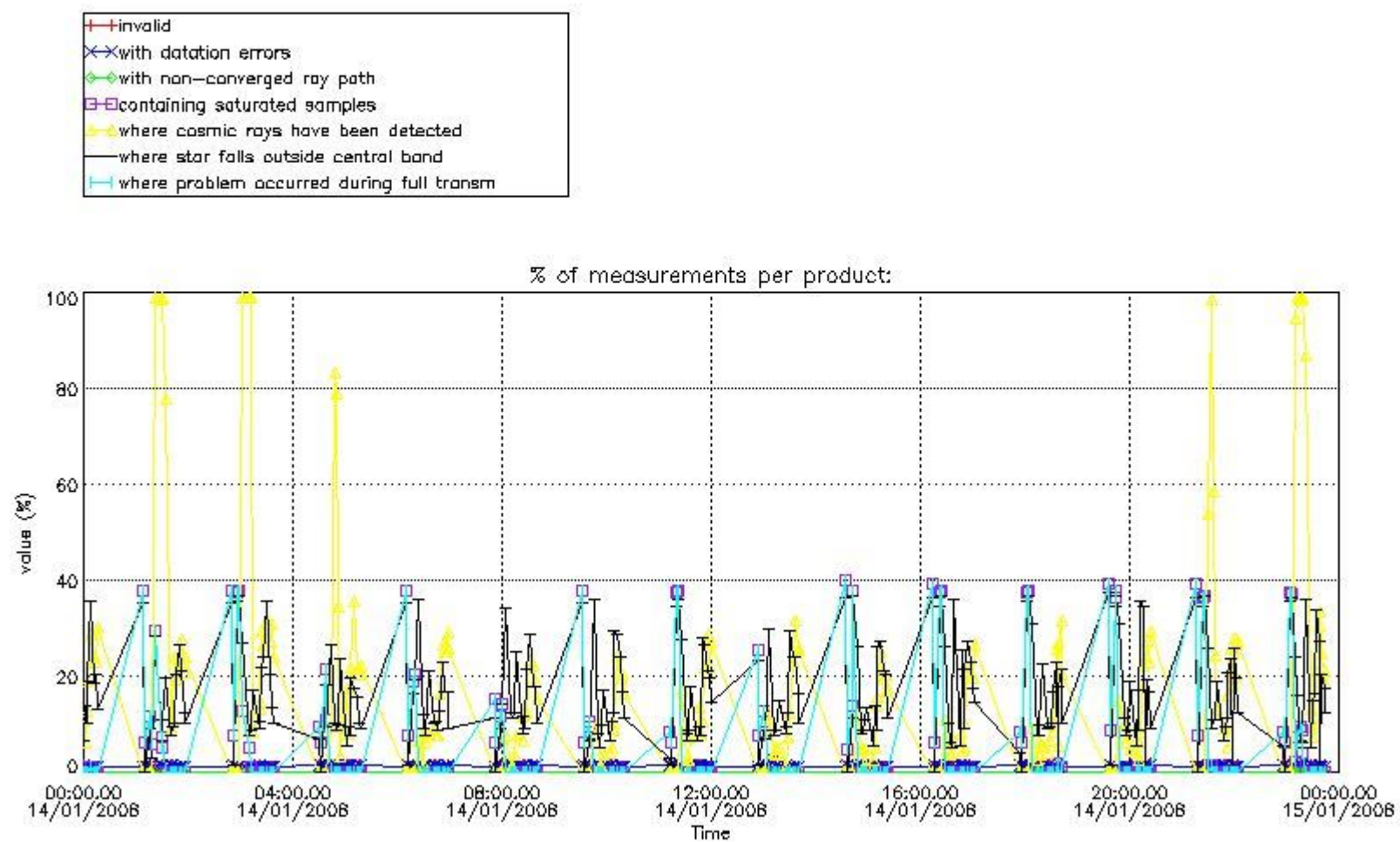


4. Level 1 quality information per product

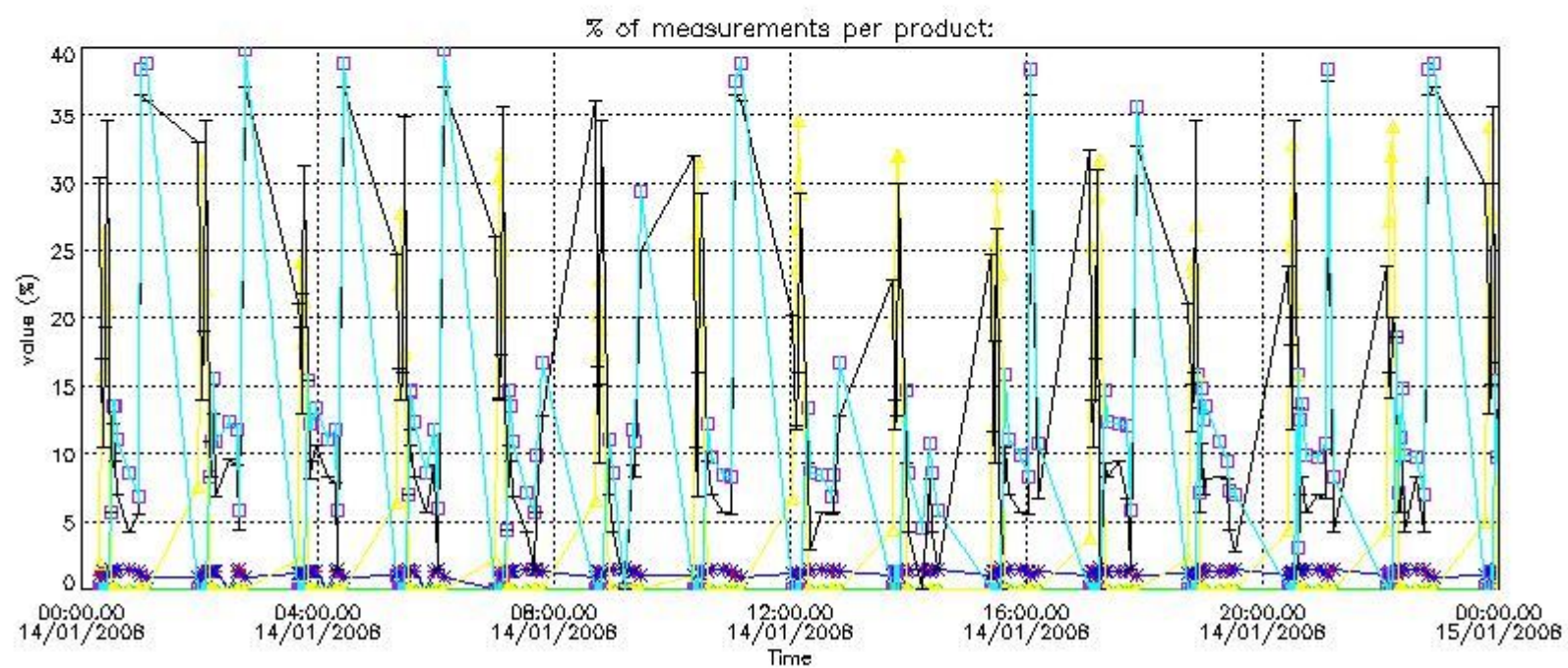
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



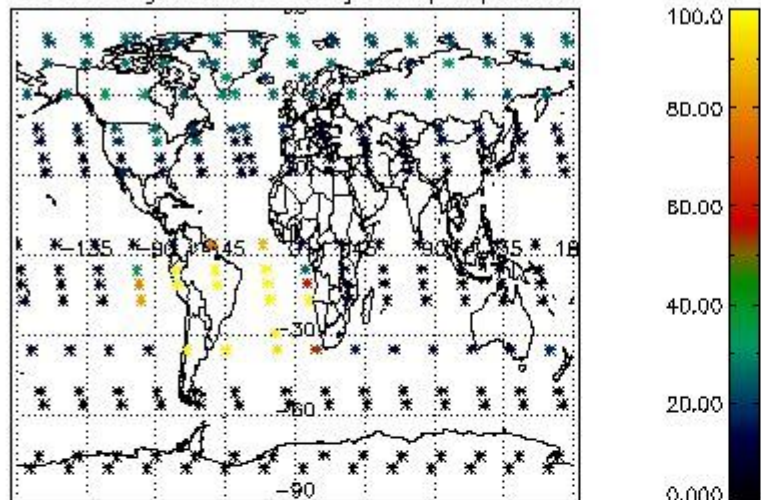
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



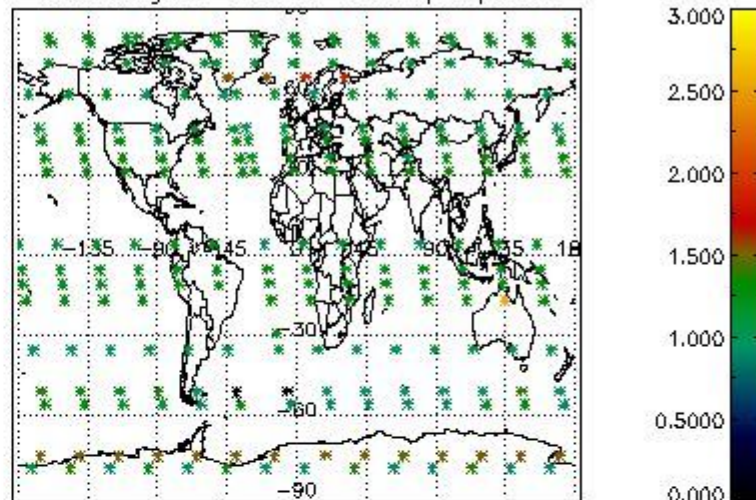
4.2 Plot quality information per product coming from level 1b processing (world map)

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

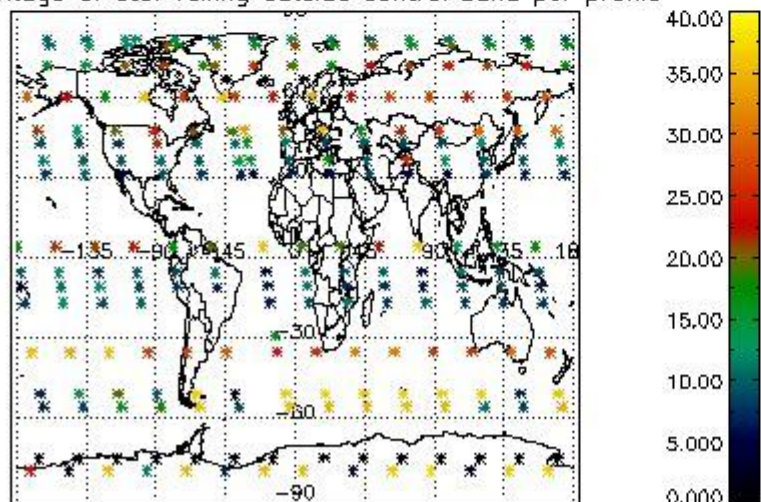
Percentage of cosmic ray hits per profile



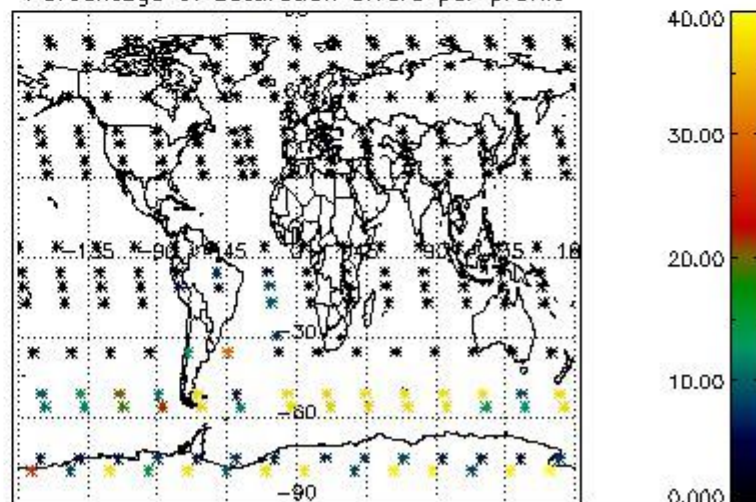
Percentage of datation errors per profile



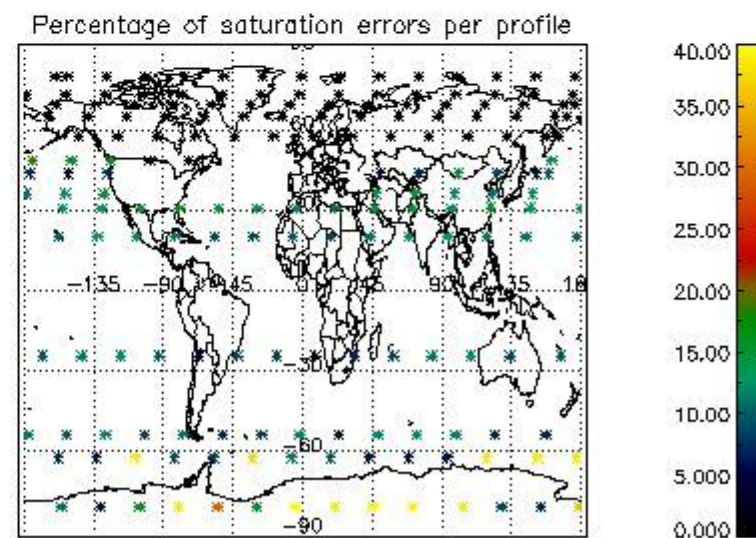
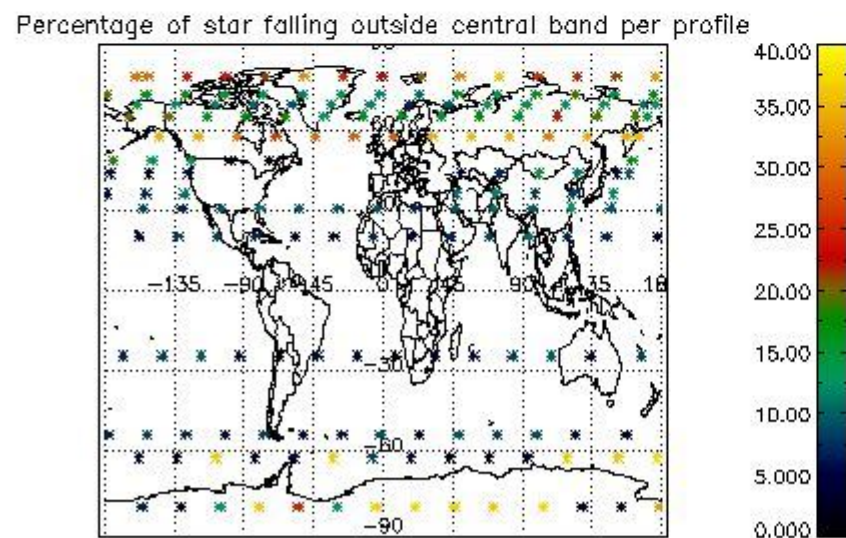
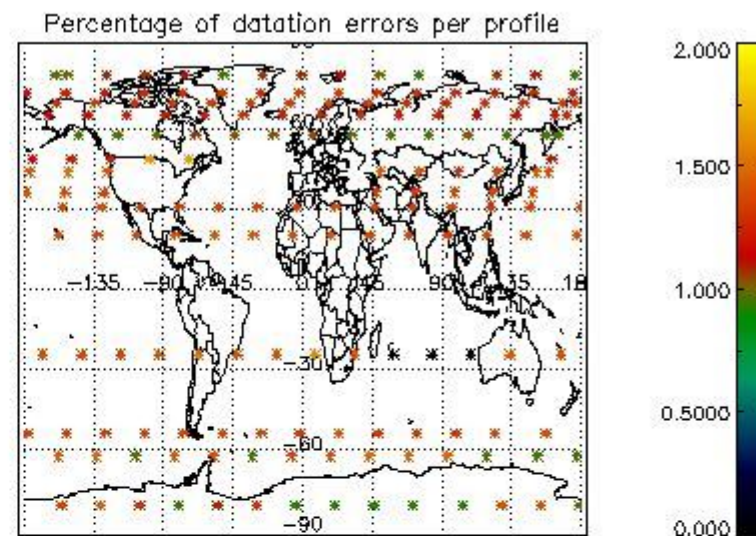
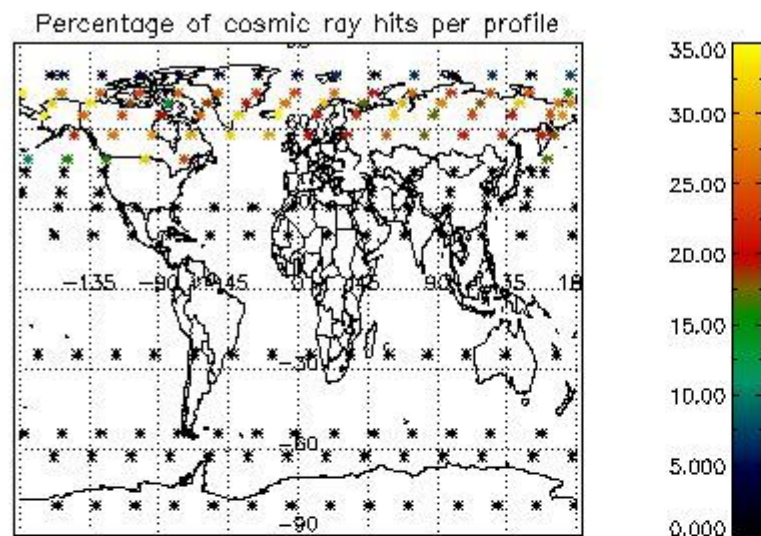
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

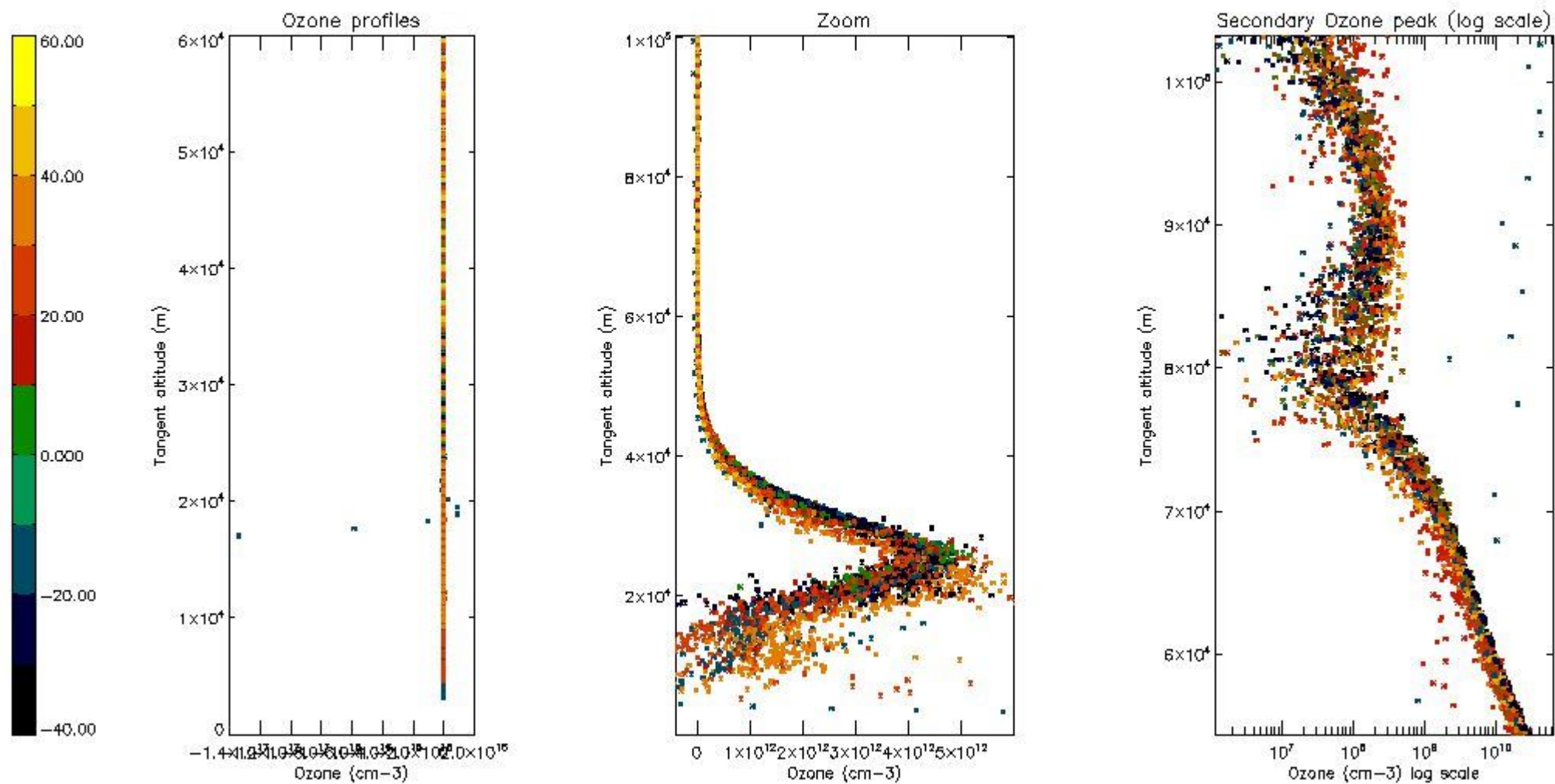
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	18

STD < 10	15
STD < 5	10

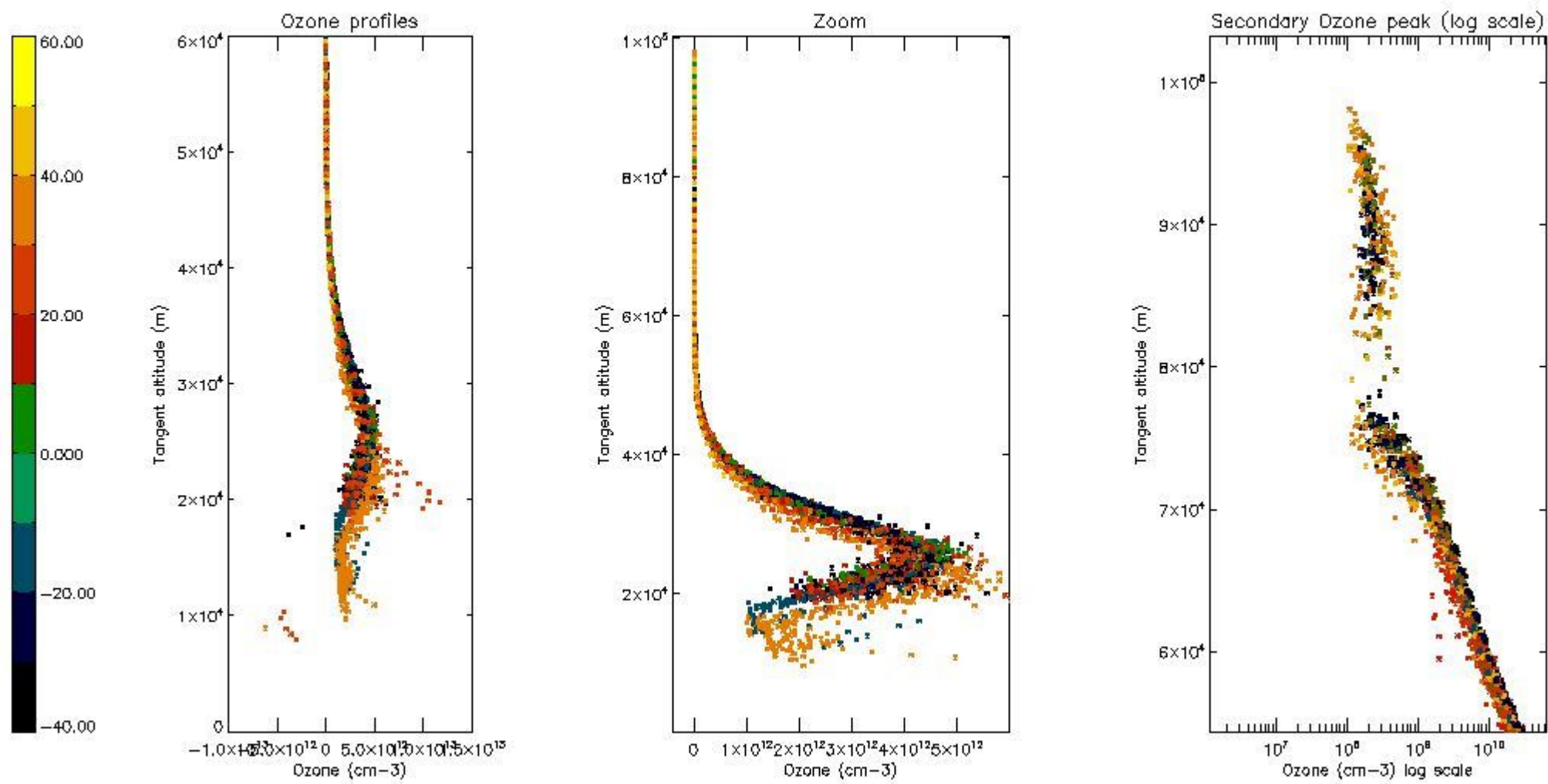
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



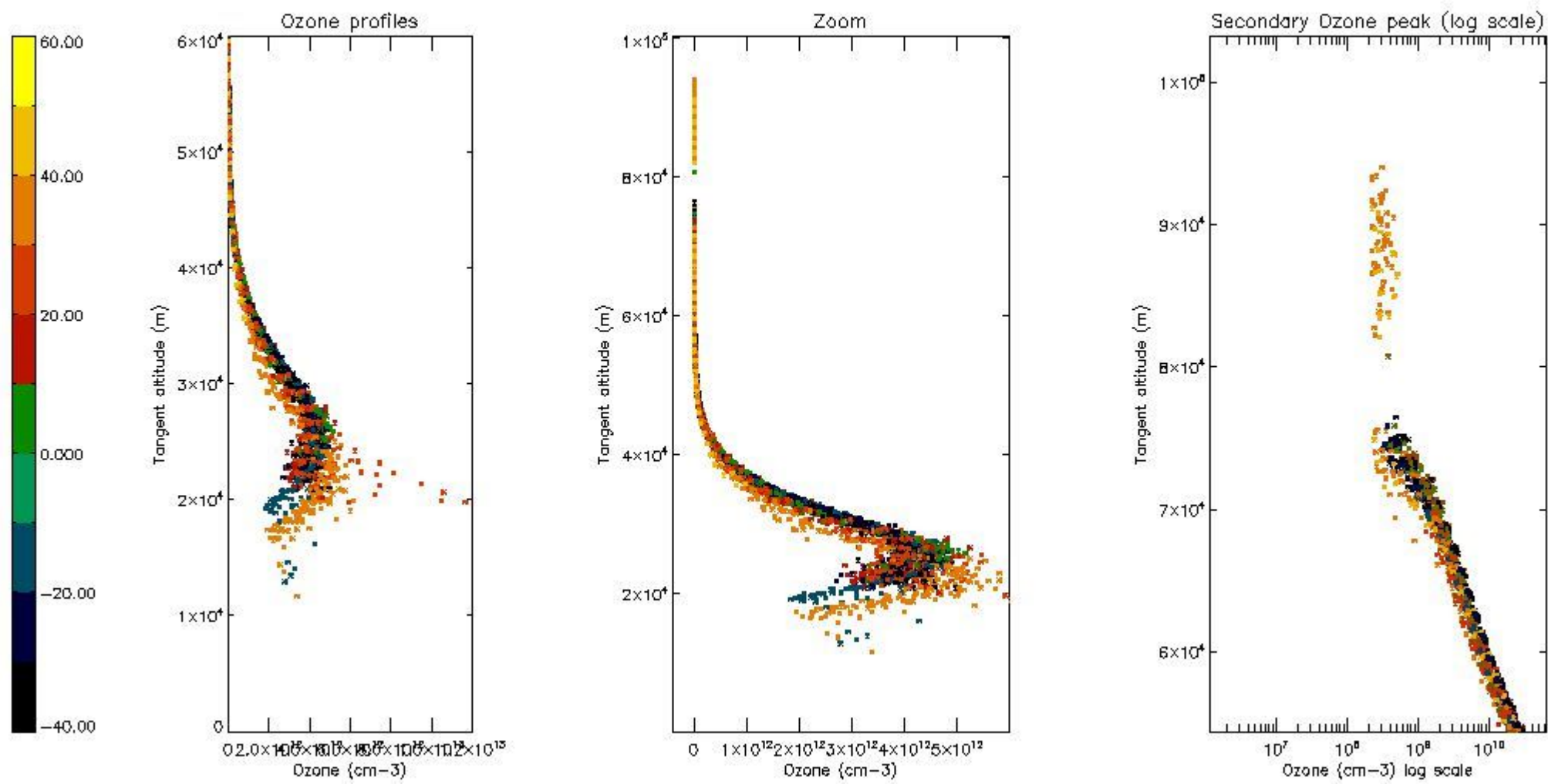
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



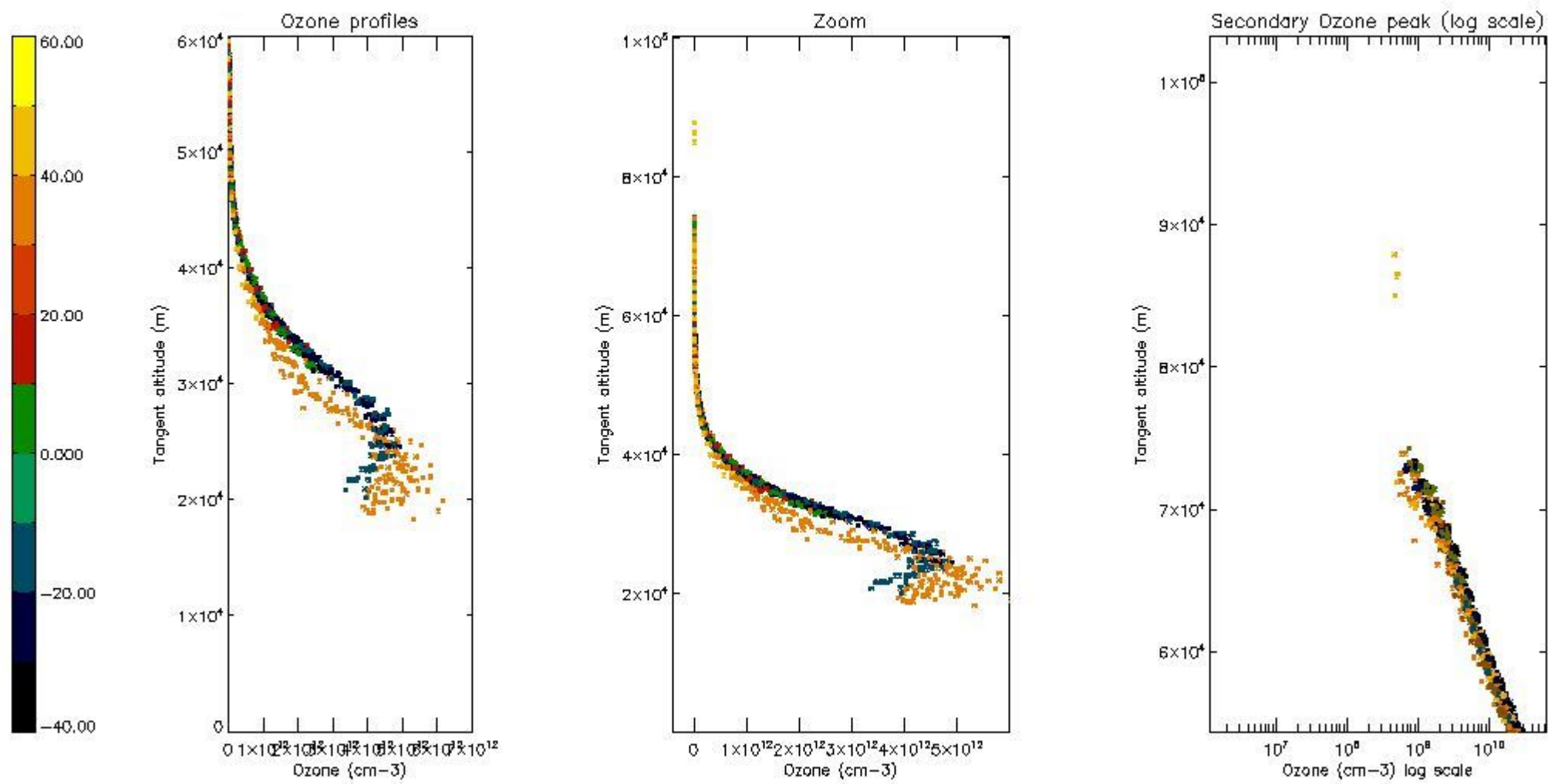
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



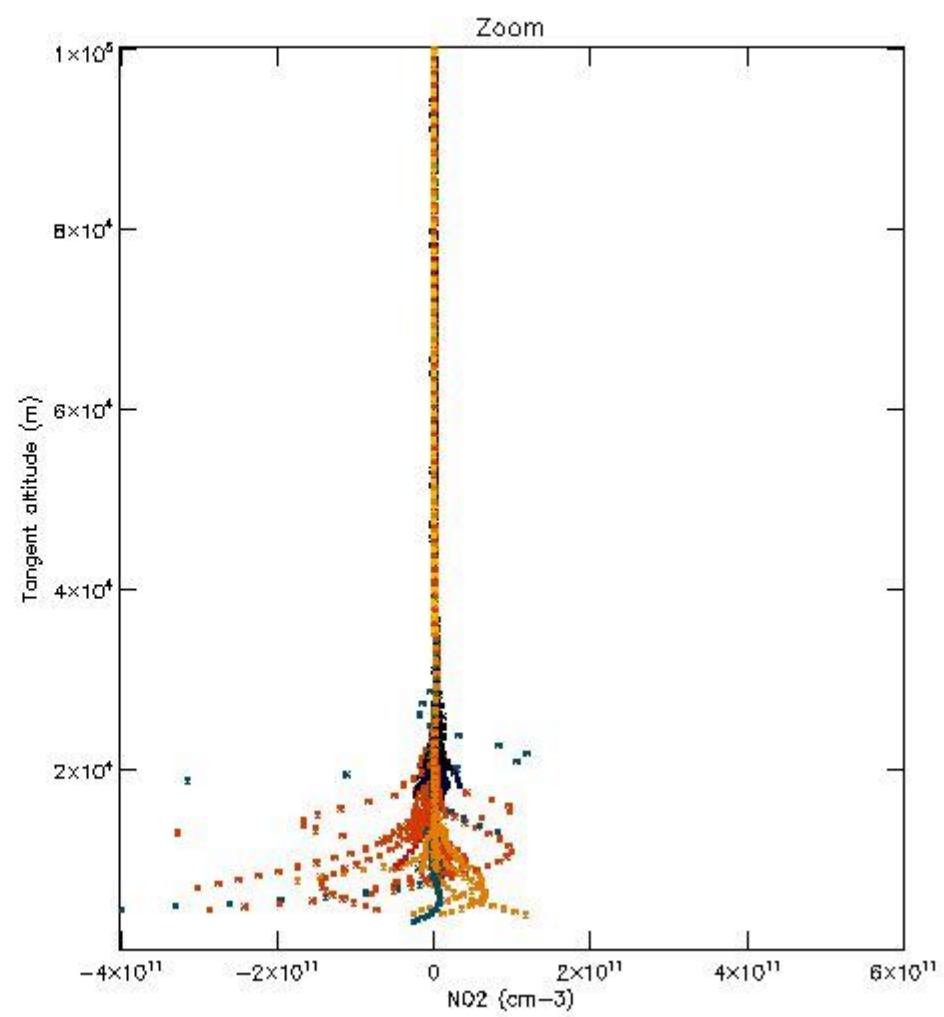
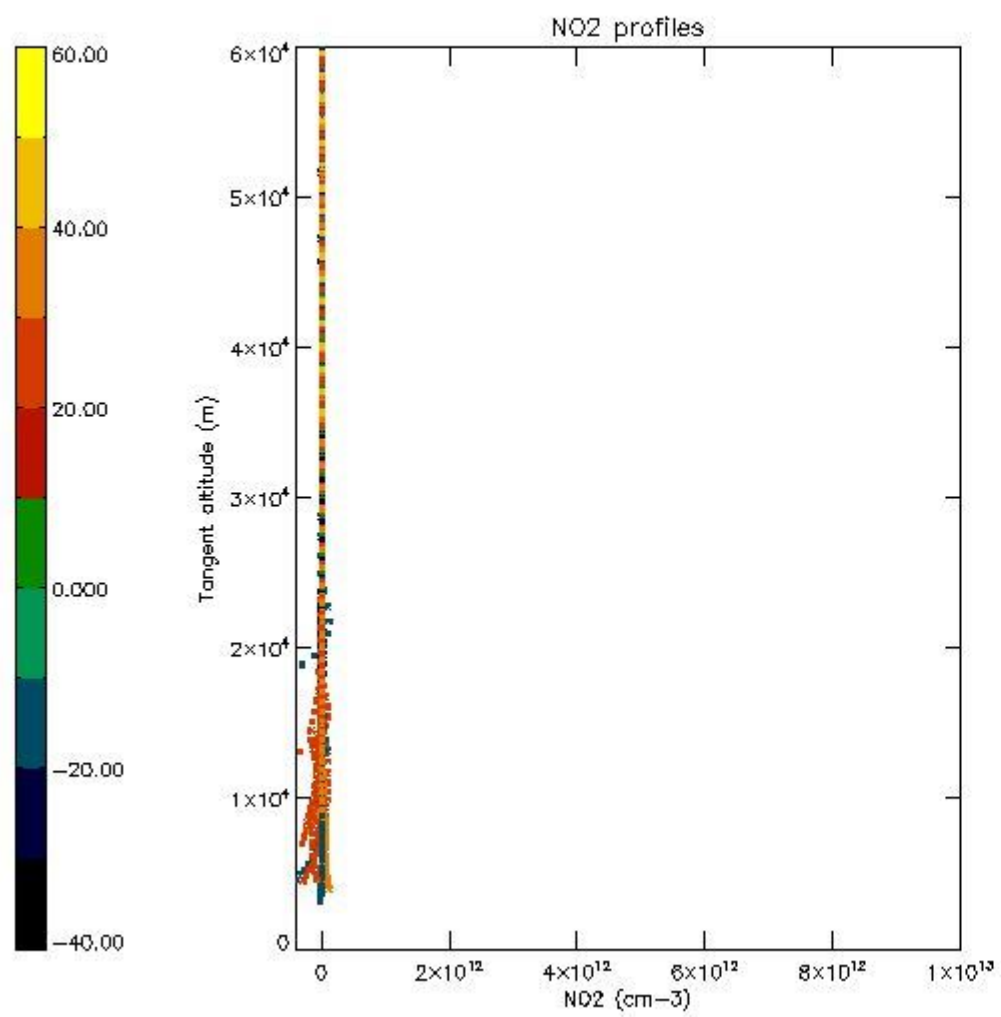
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



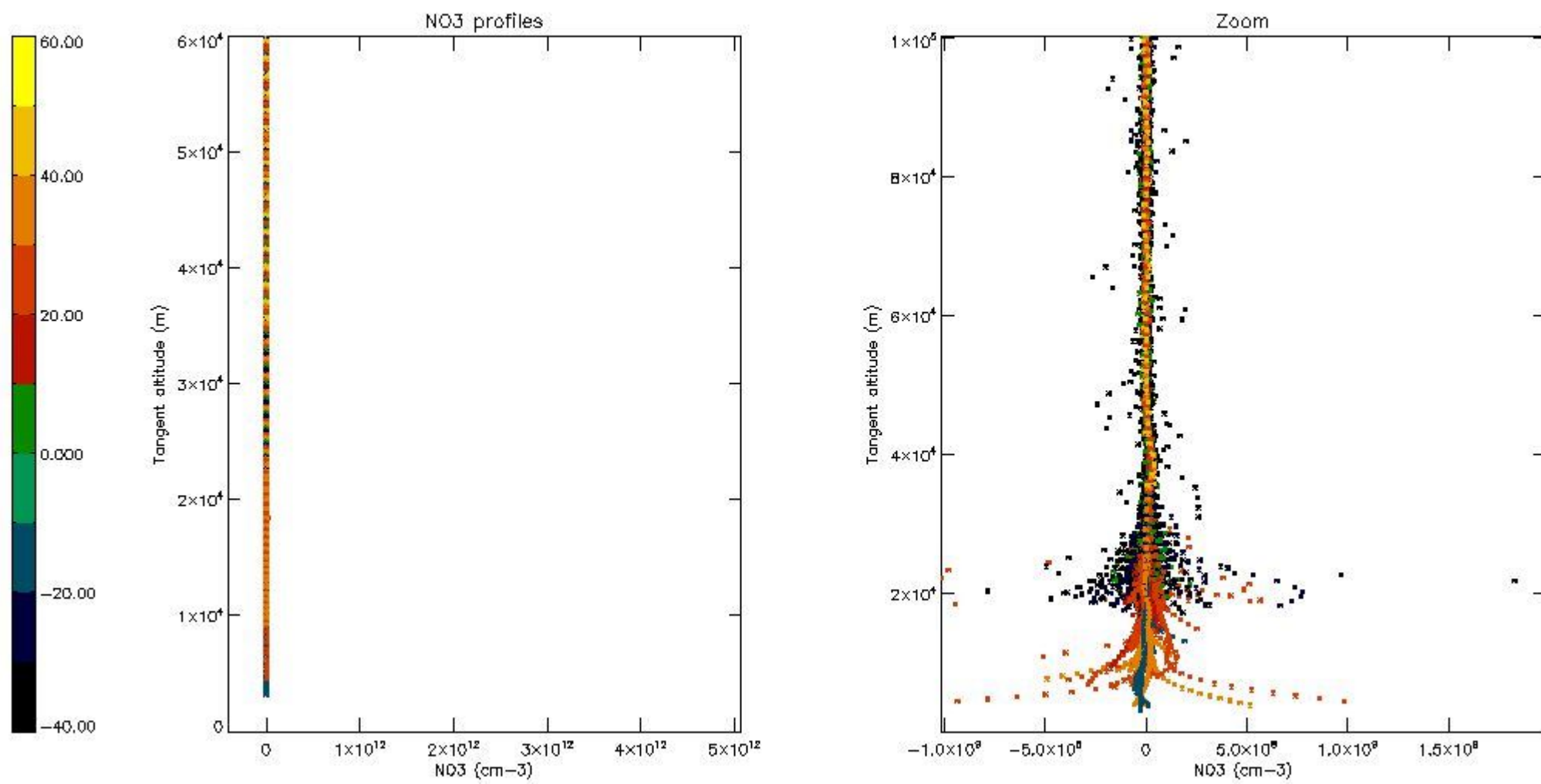
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



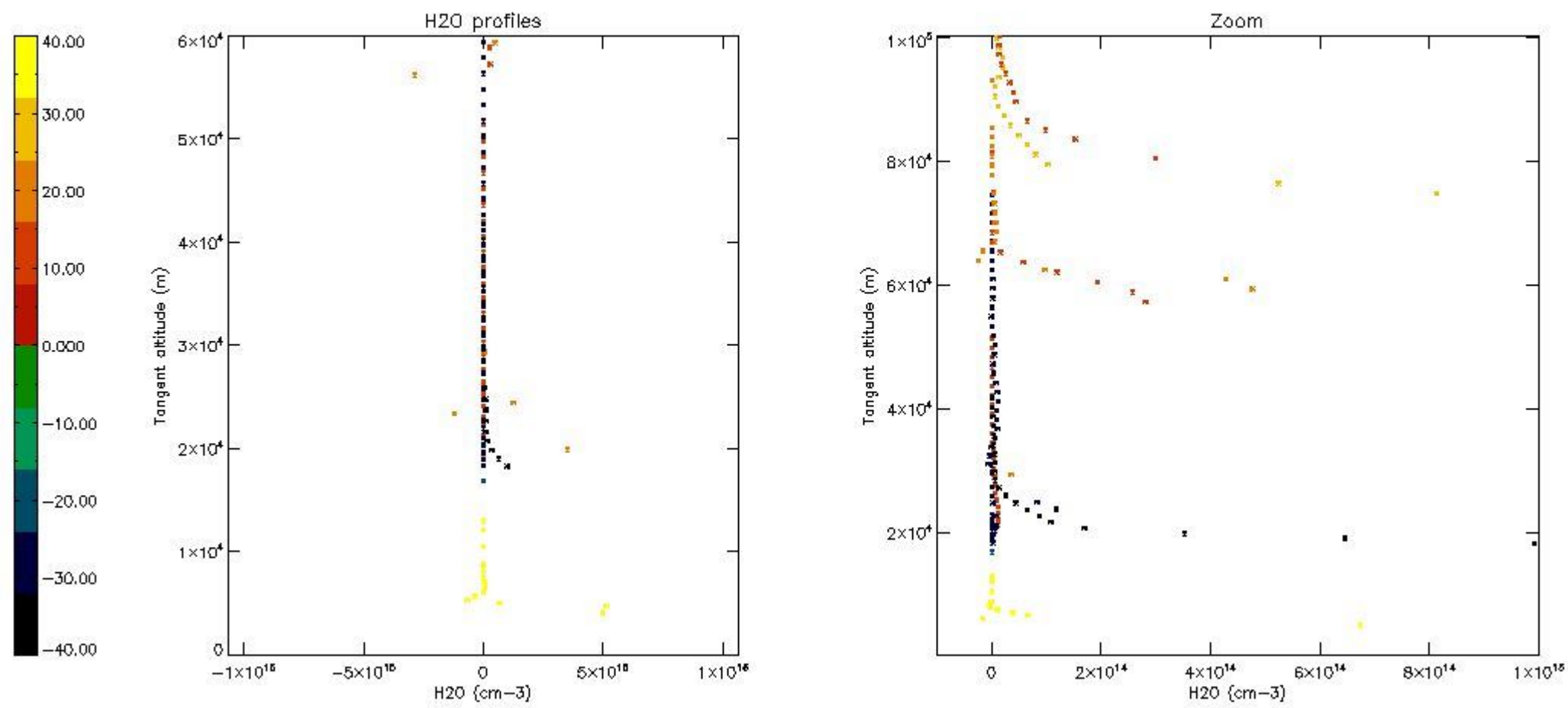
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

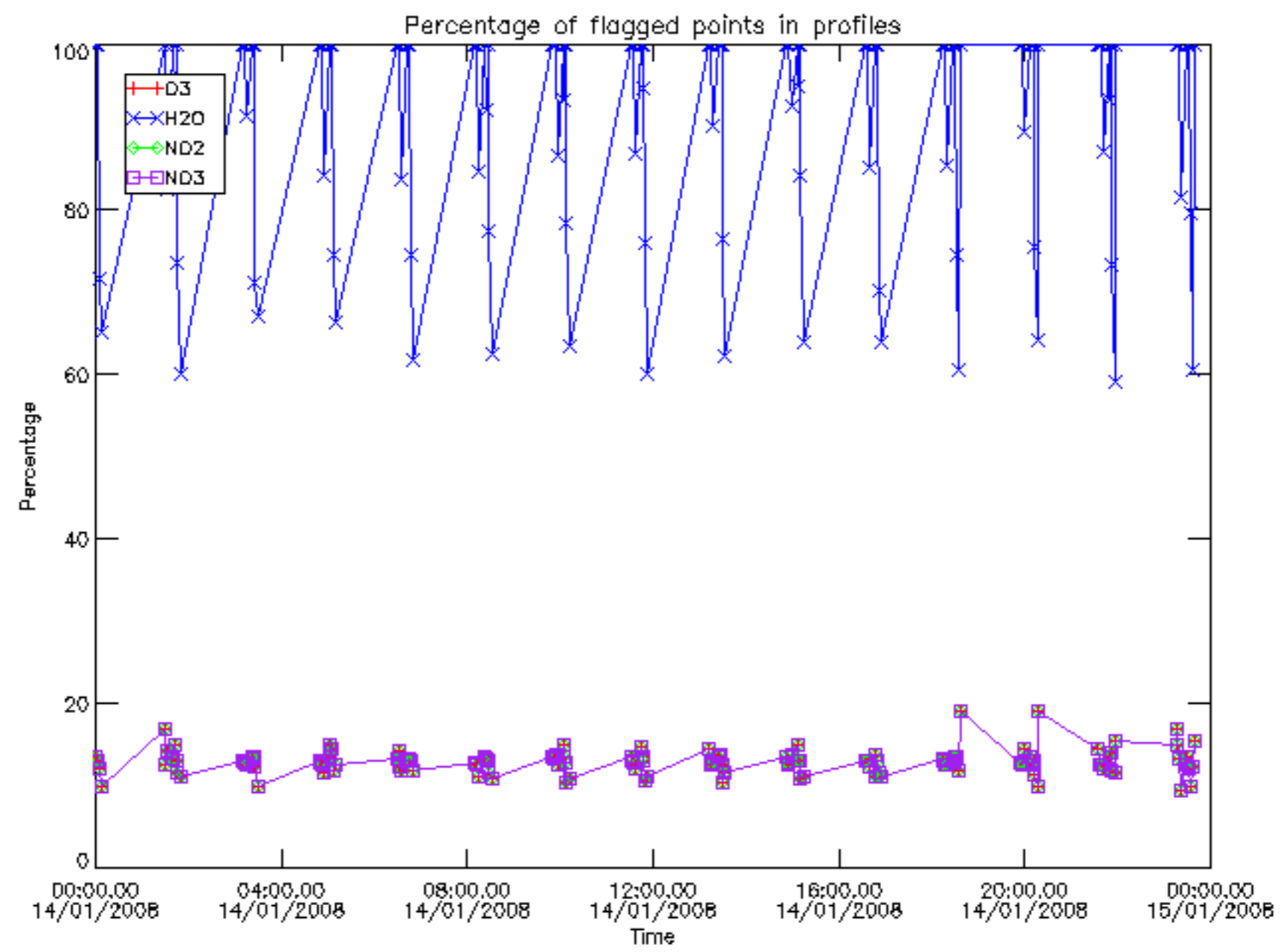
The colorbar represents the latitude.



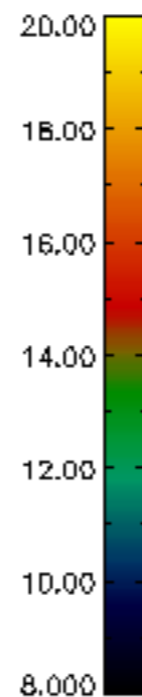
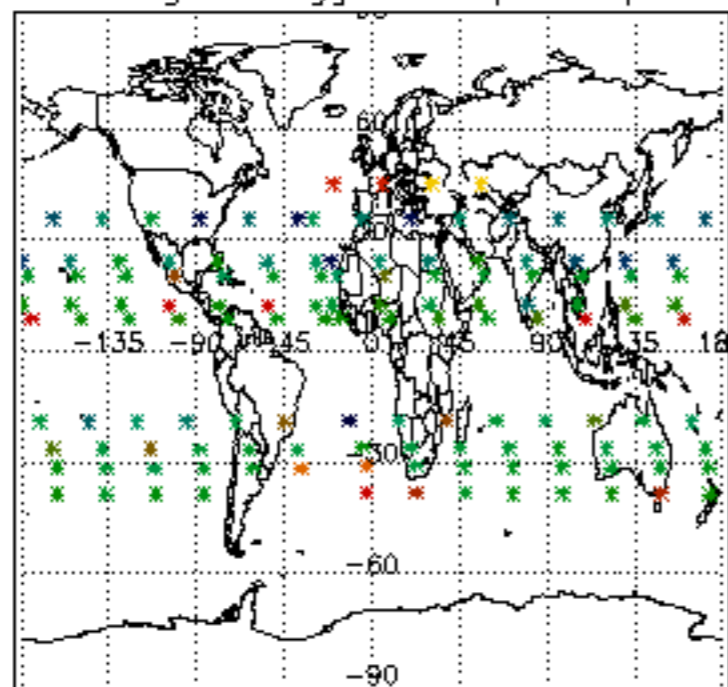
6. Auxiliary Data Files used for the production reported in section 2

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.

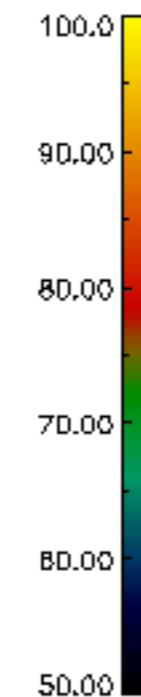
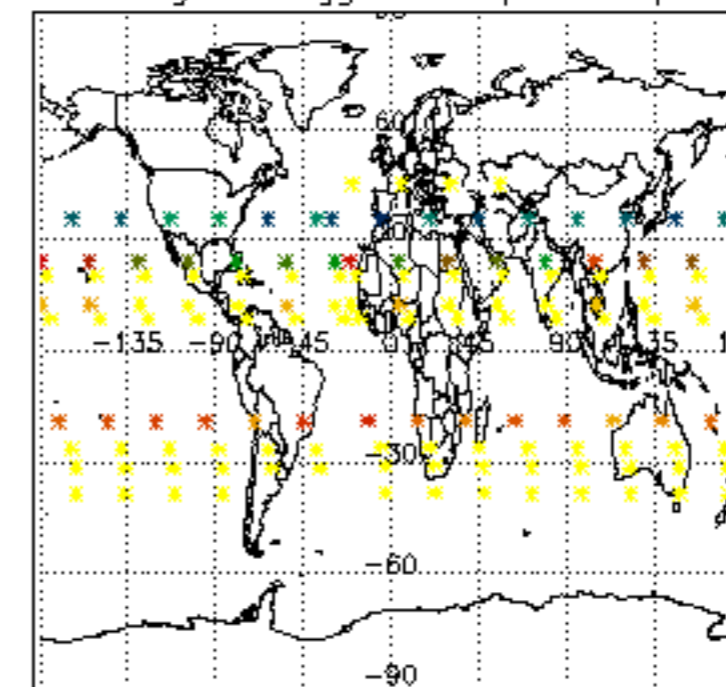
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JAN-2008 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JAN-2008 00:00:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JAN-2008 00:00:18



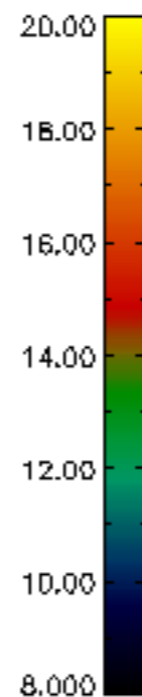
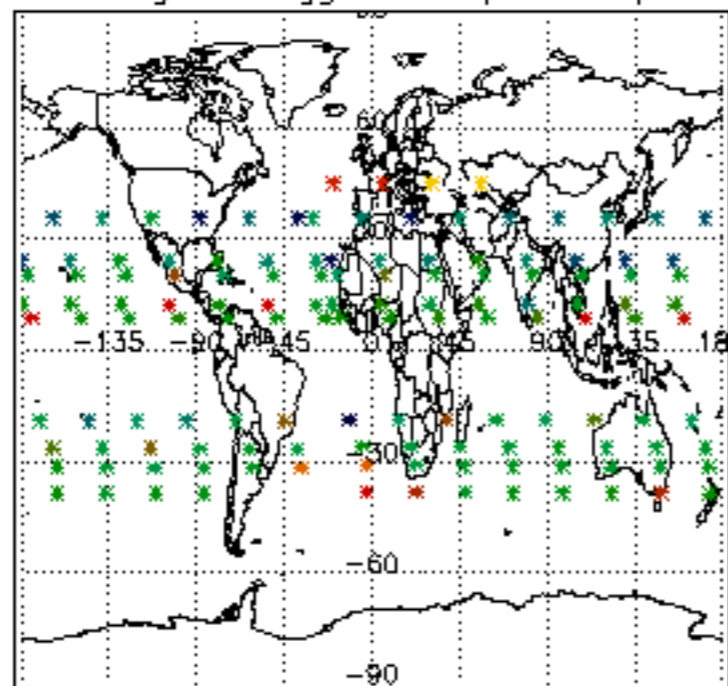
Percentage of flagged data per D3 profile



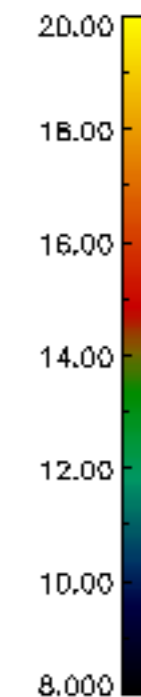
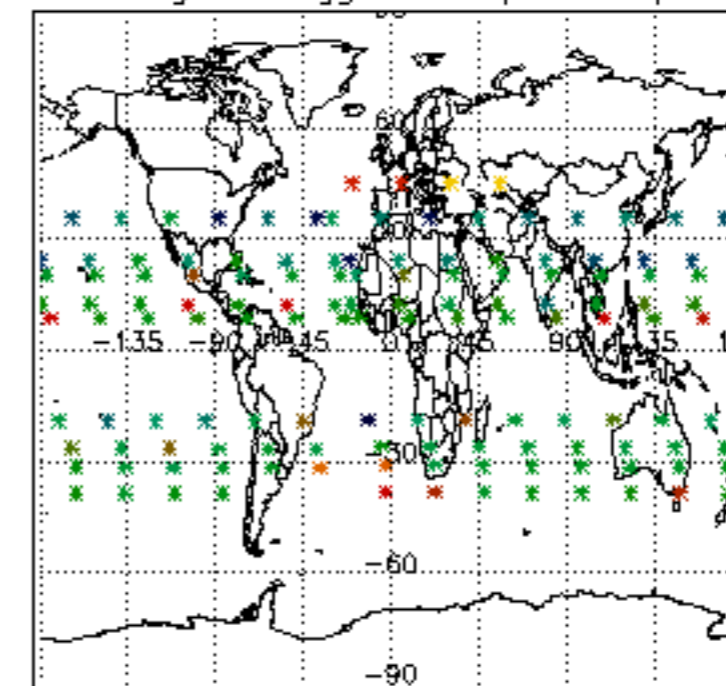
Percentage of flagged data per H2O profile

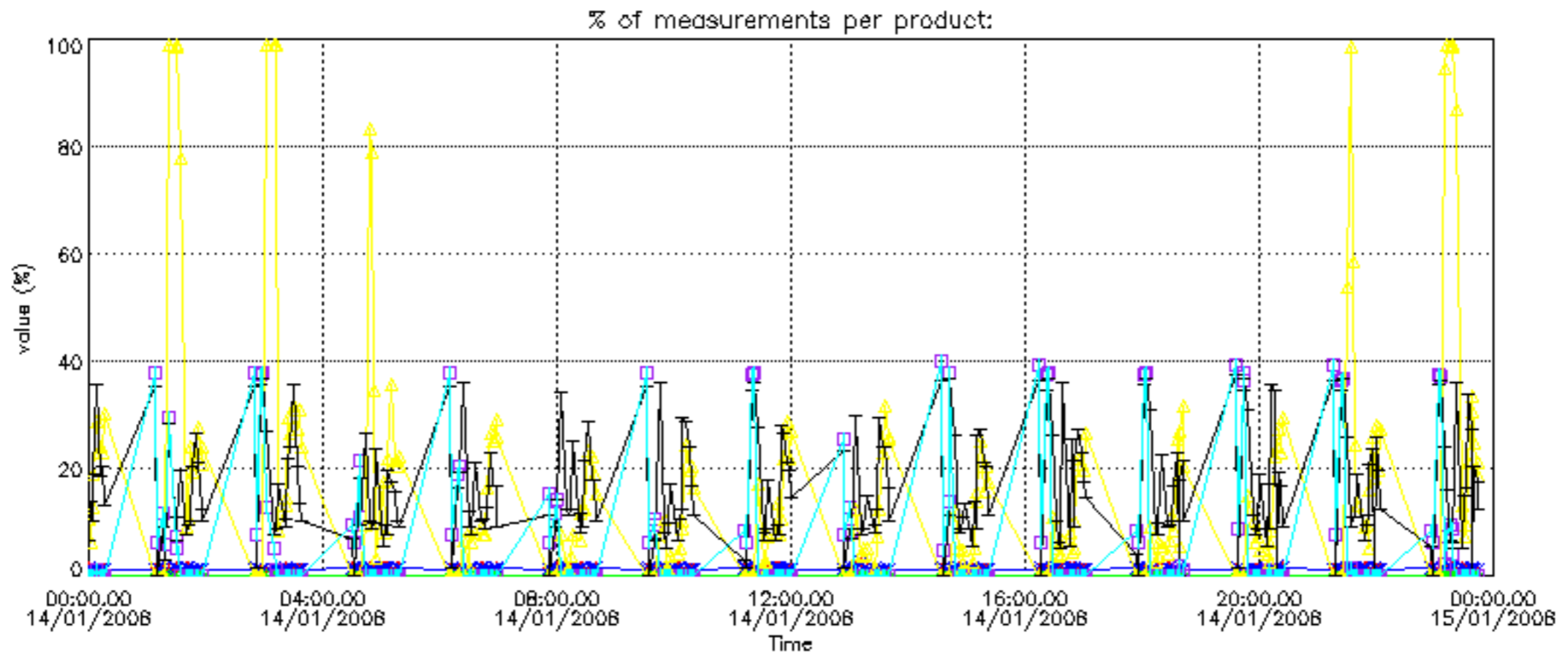


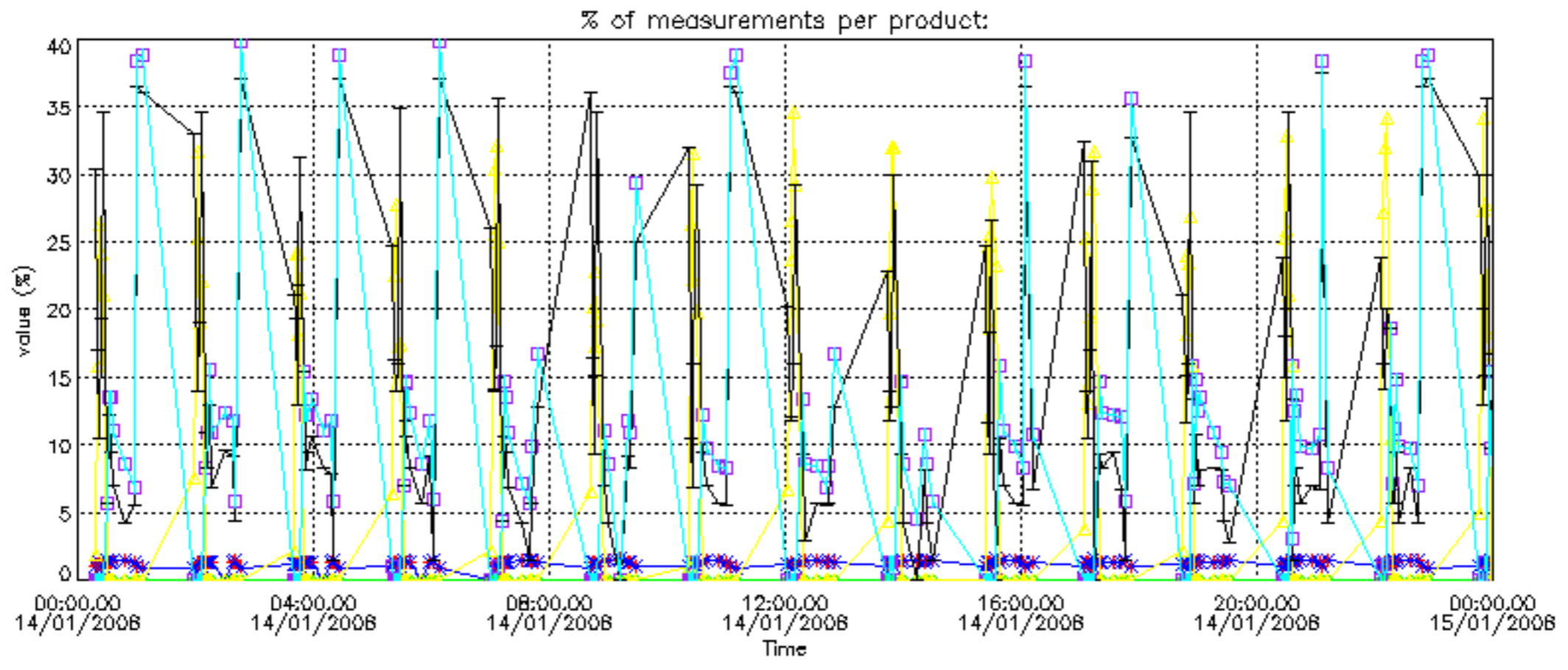
Percentage of flagged data per NO2 profile



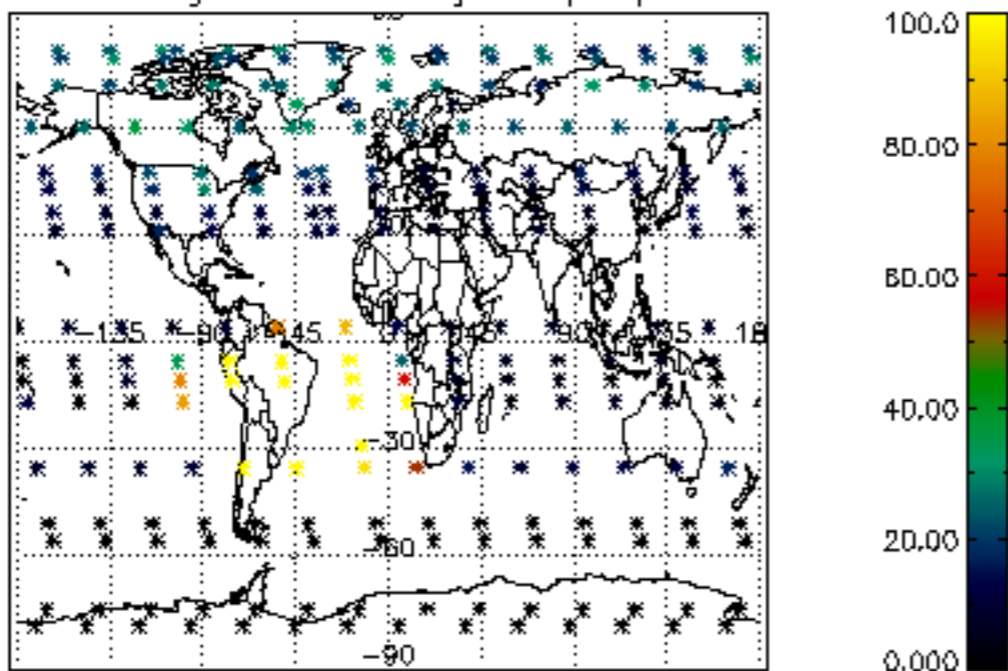
Percentage of flagged data per NO3 profile



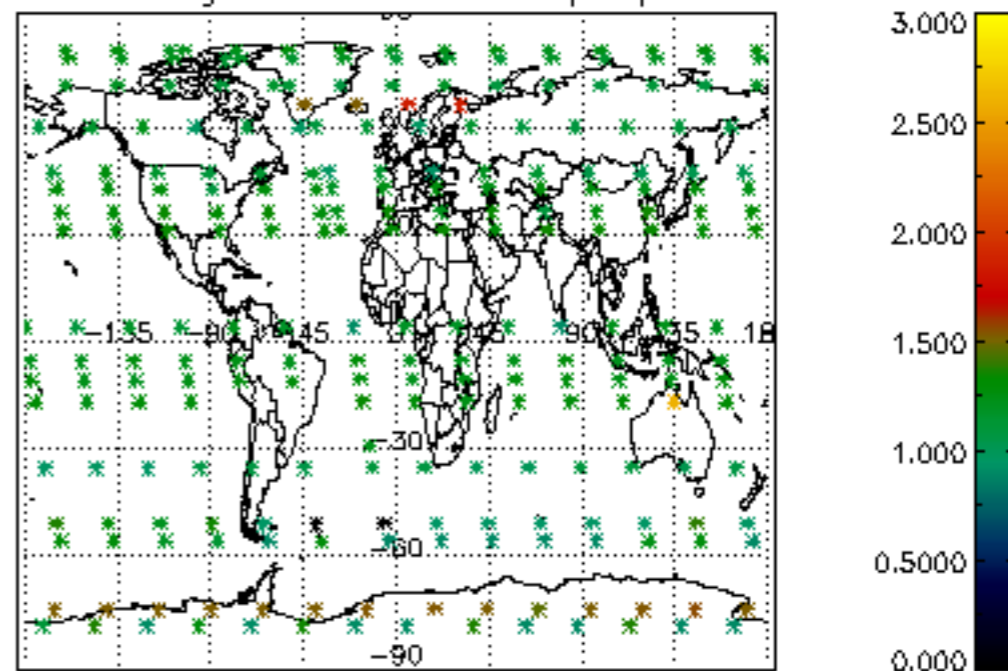




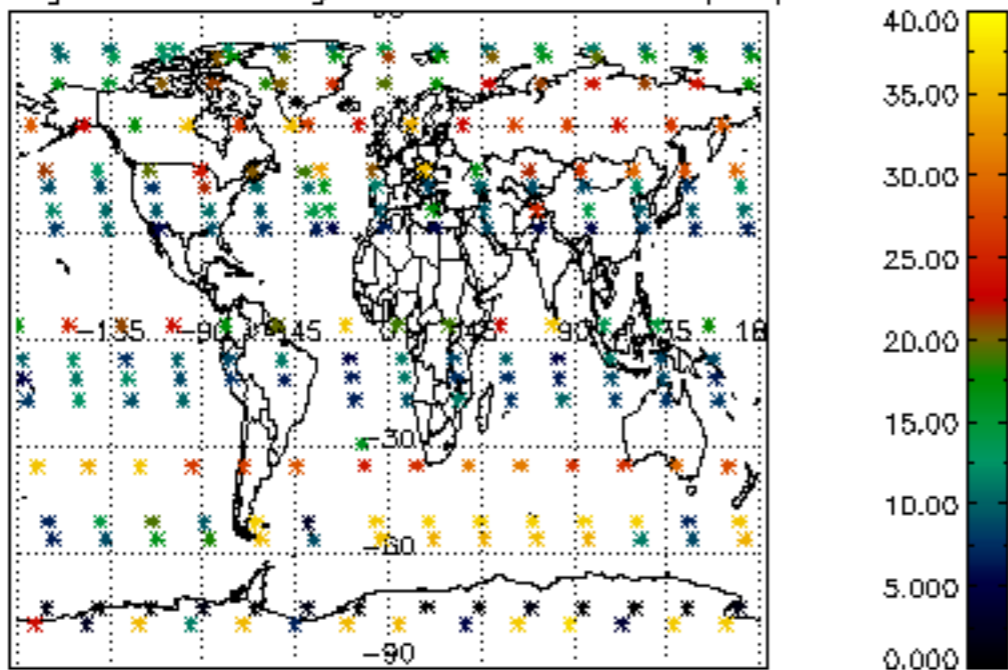
Percentage of cosmic ray hits per profile



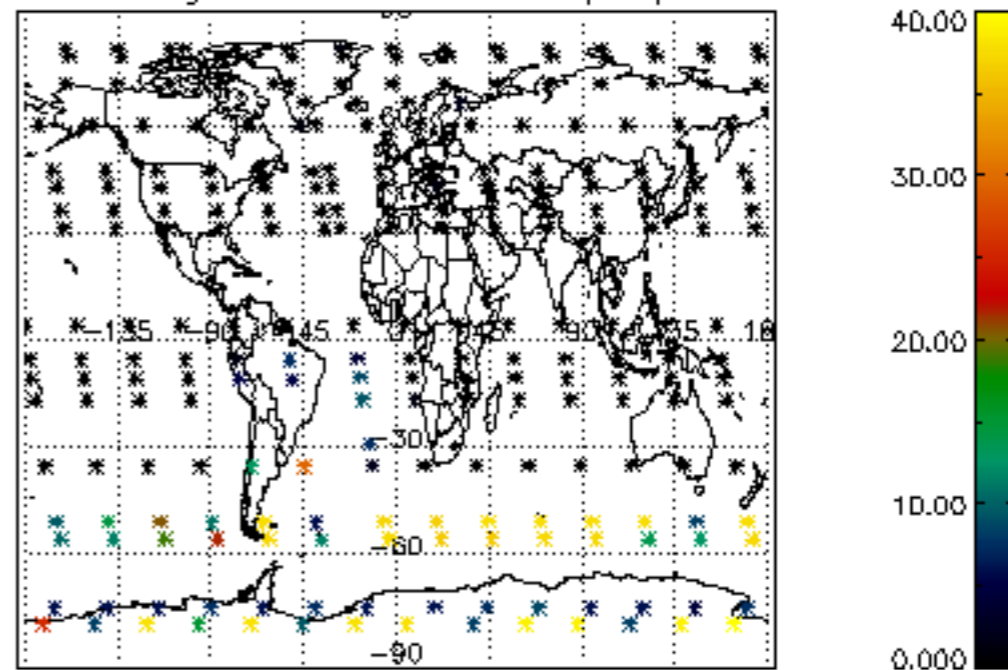
Percentage of datation errors per profile



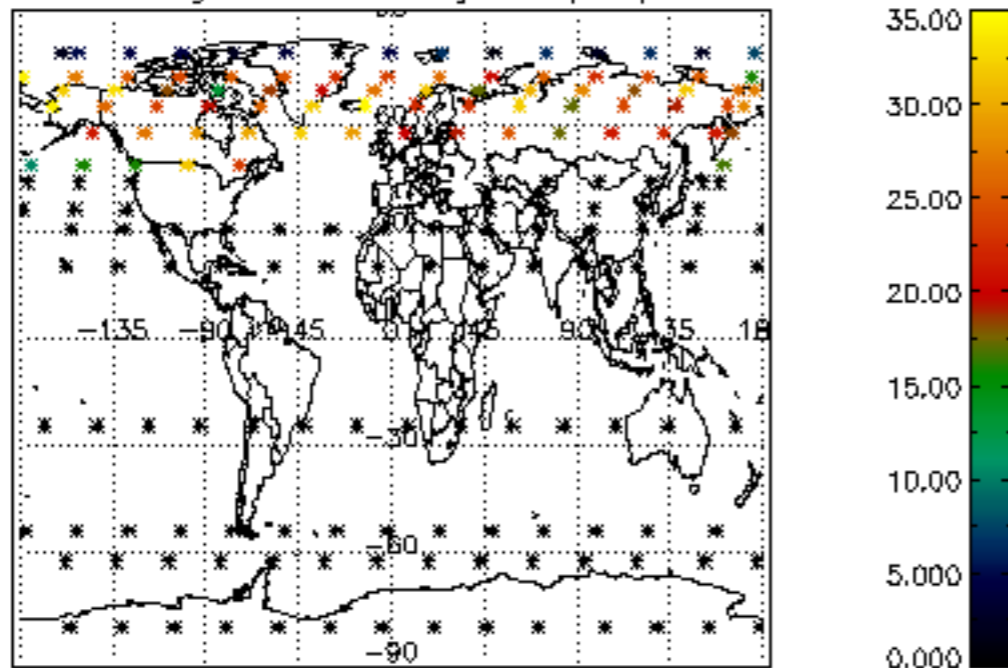
Percentage of star falling outside central band per profile



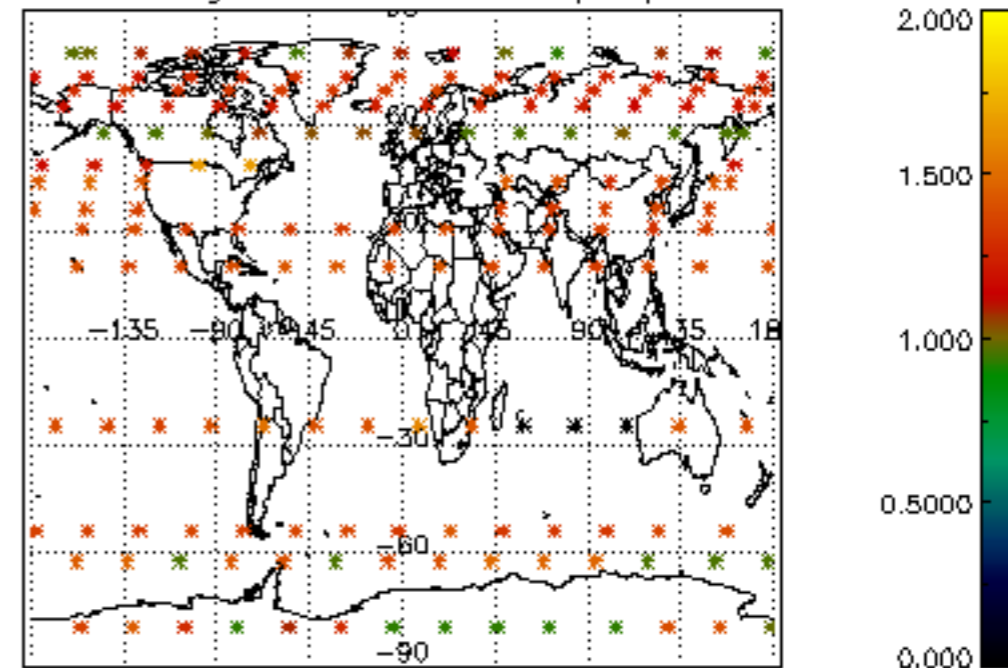
Percentage of saturation errors per profile



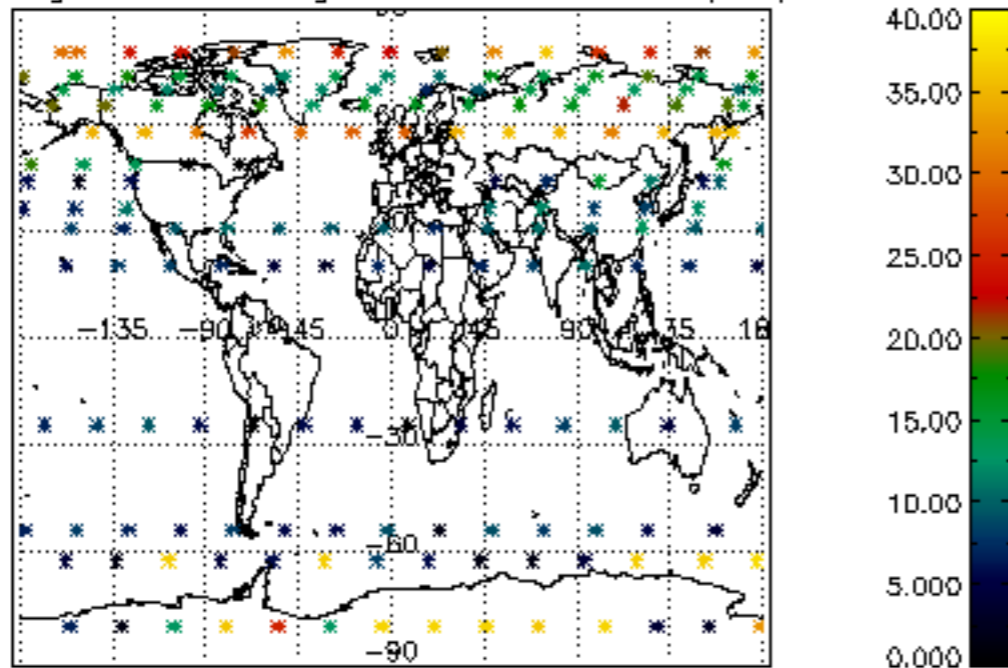
Percentage of cosmic ray hits per profile



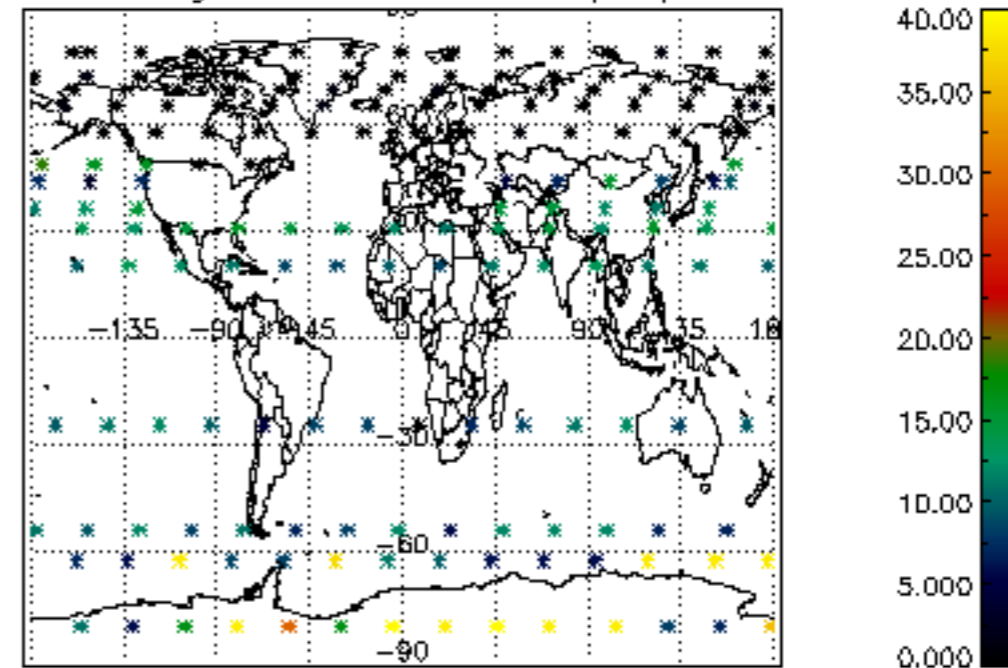
Percentage of datation errors per profile

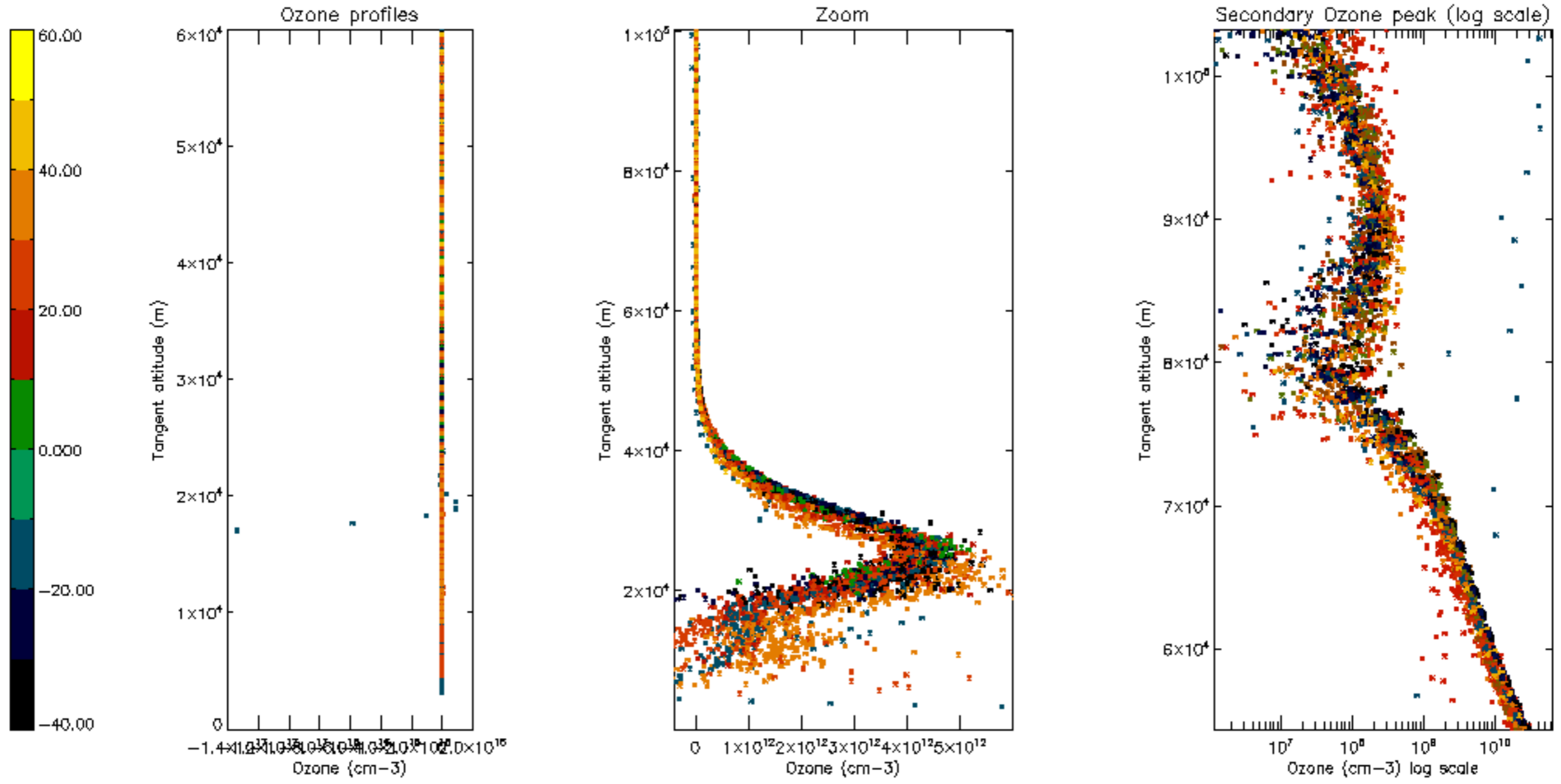


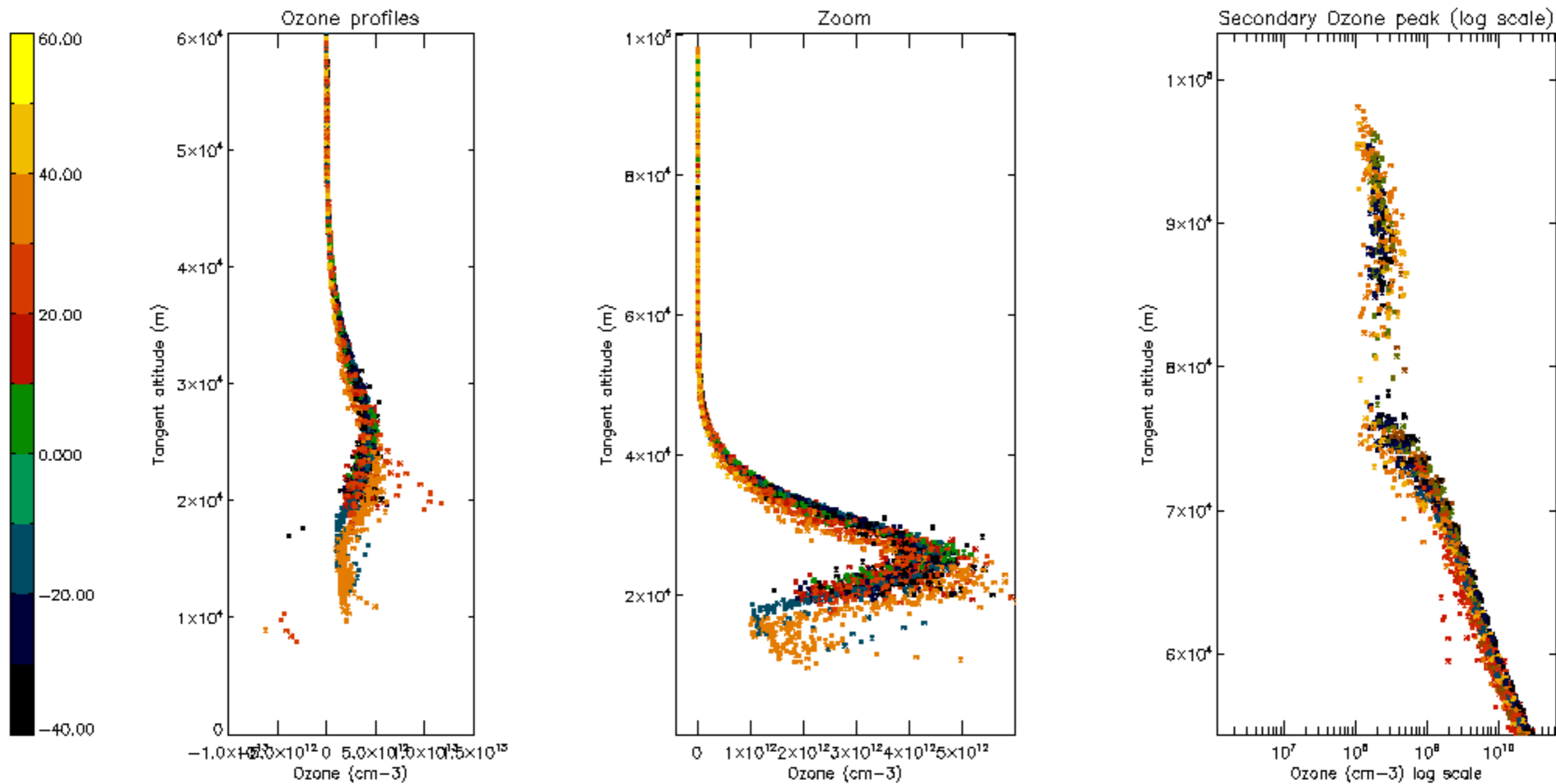
Percentage of star falling outside central band per profile

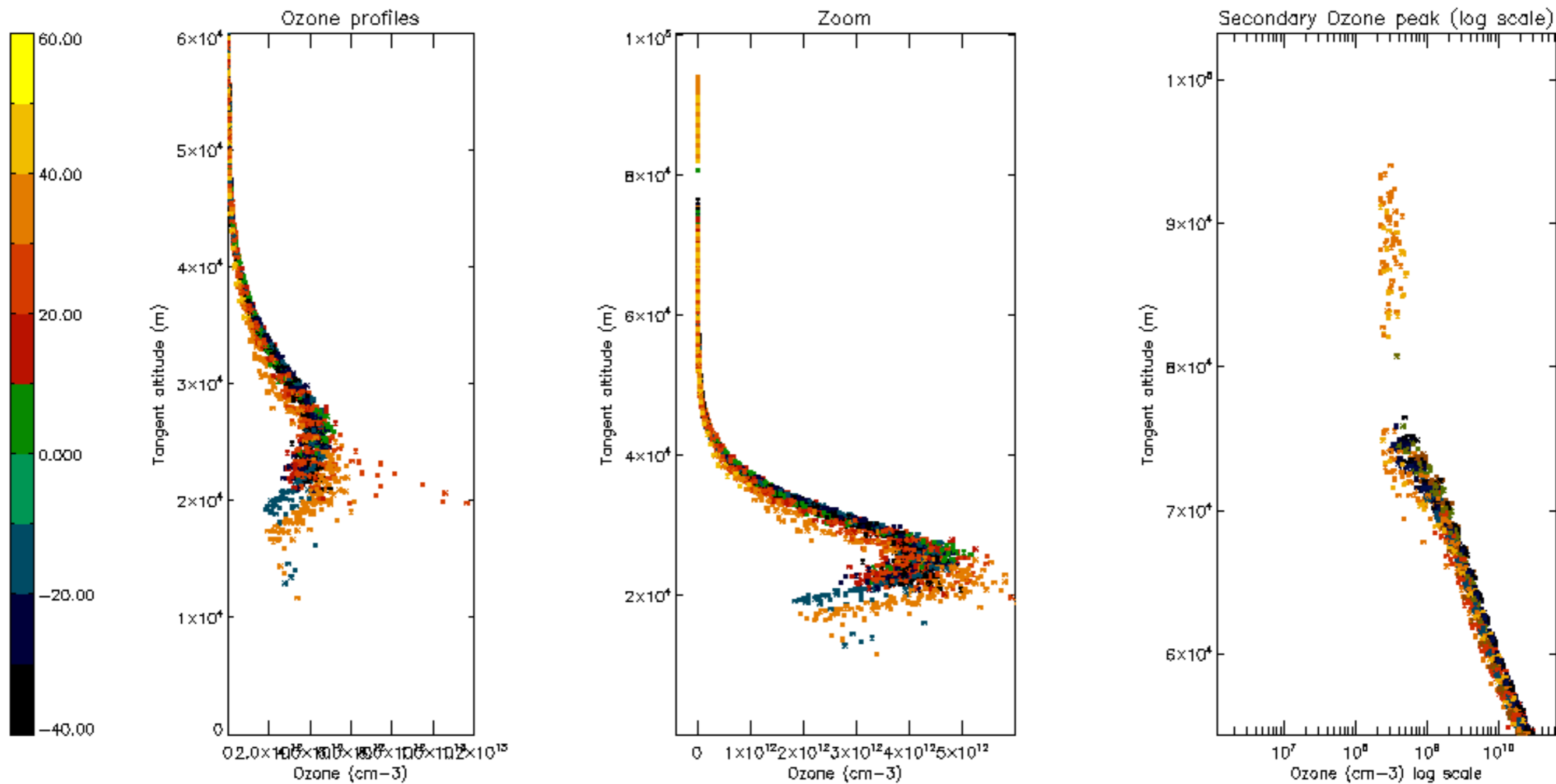


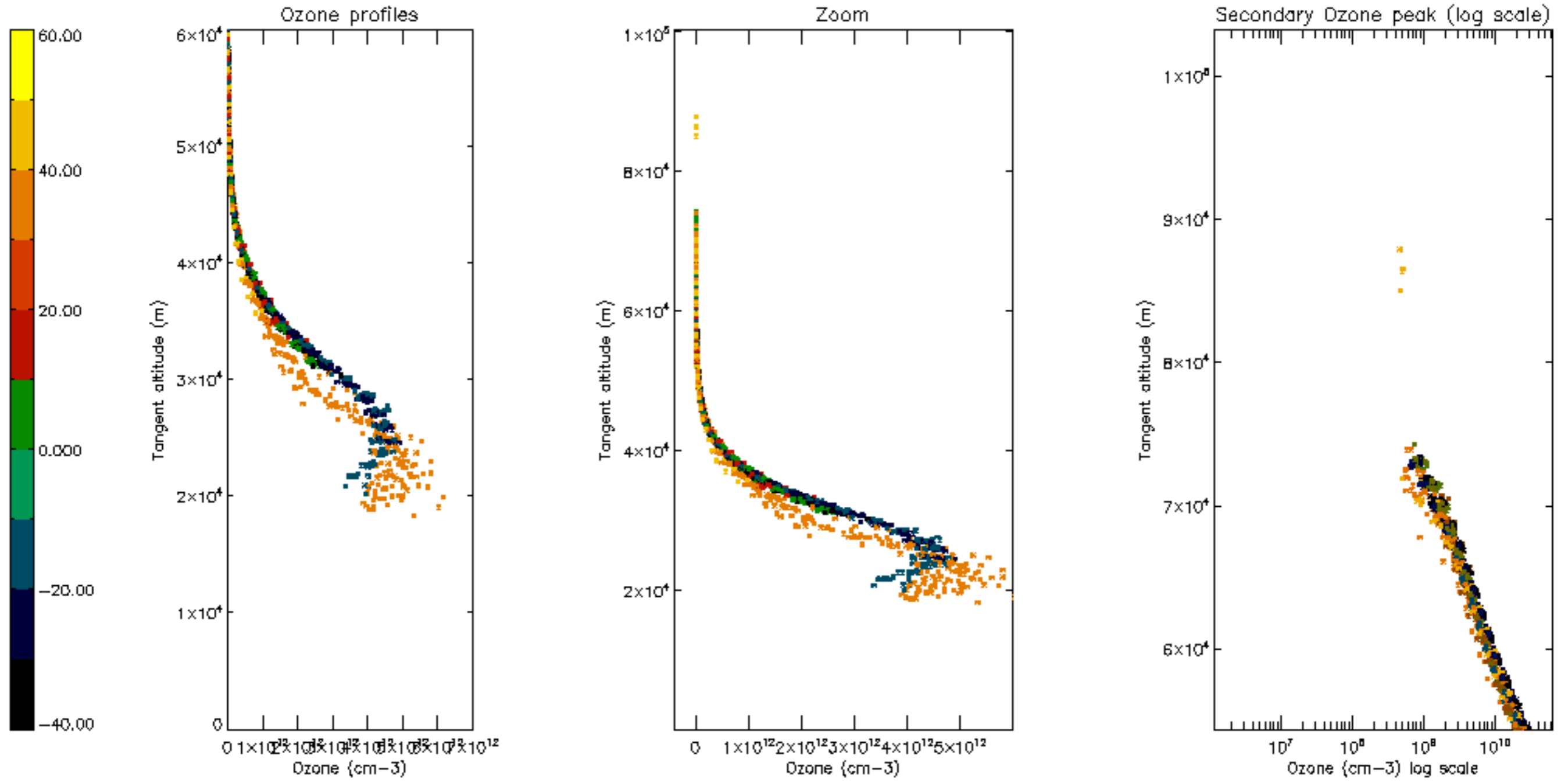
Percentage of saturation errors per profile

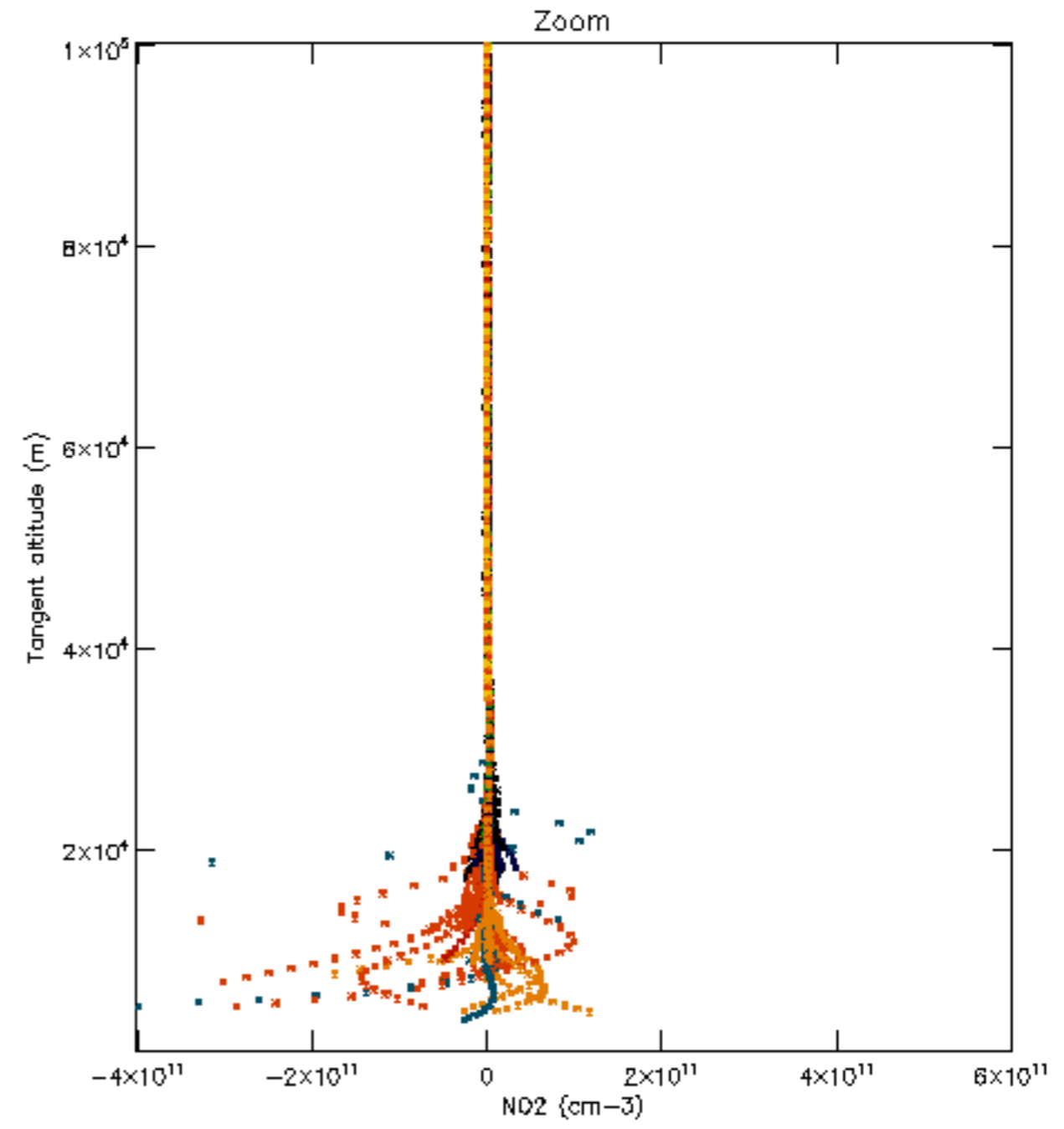
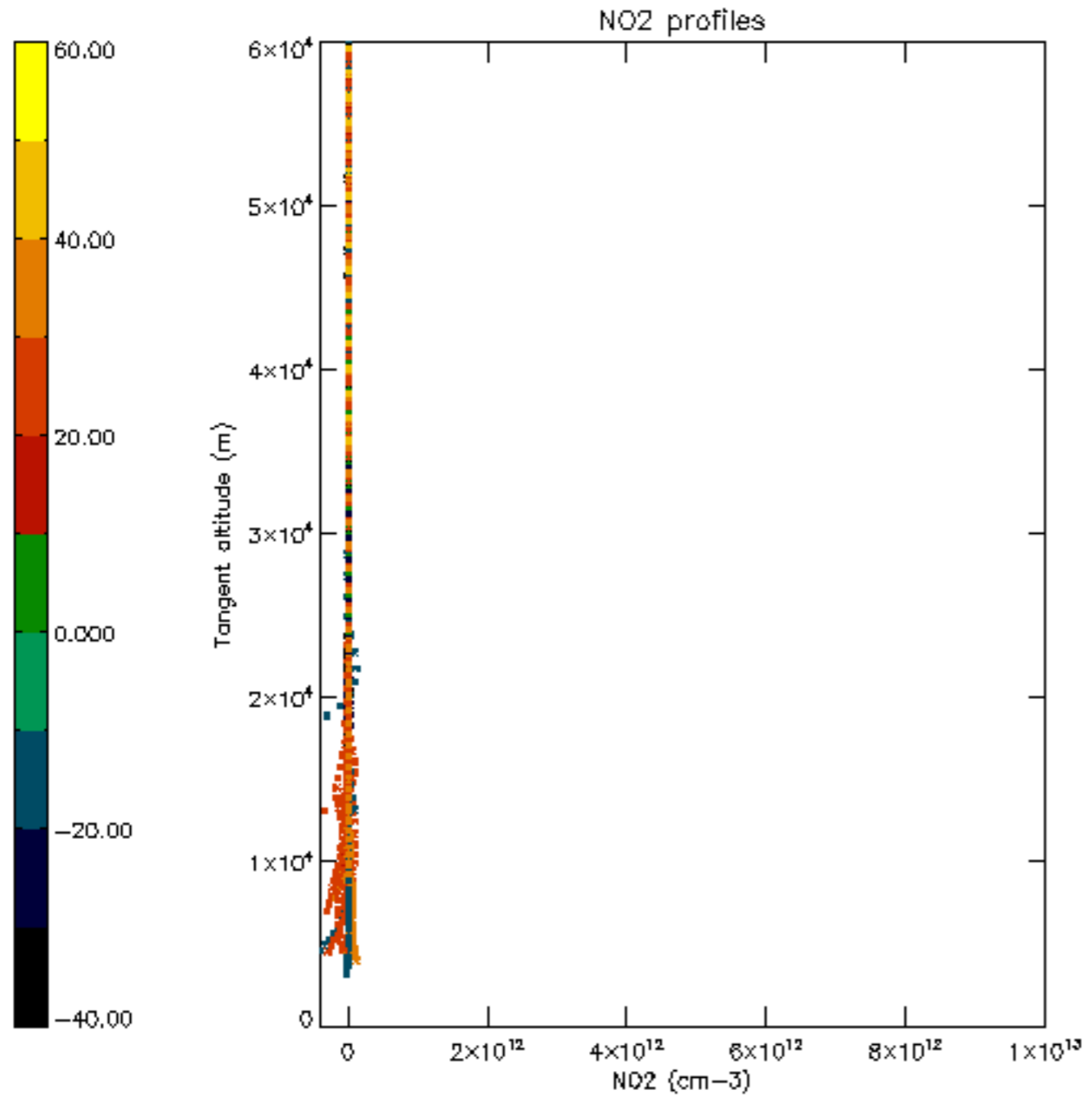


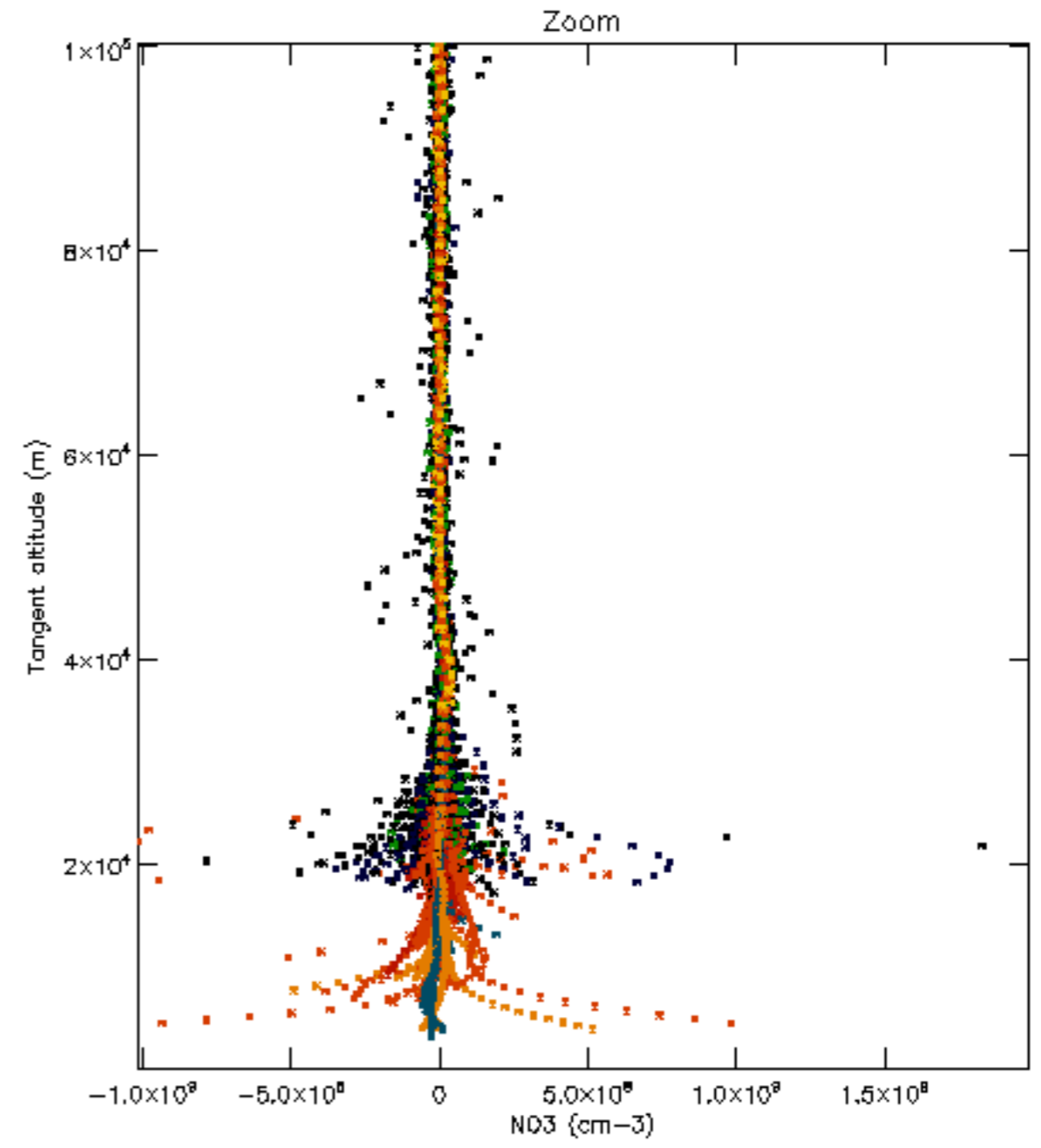
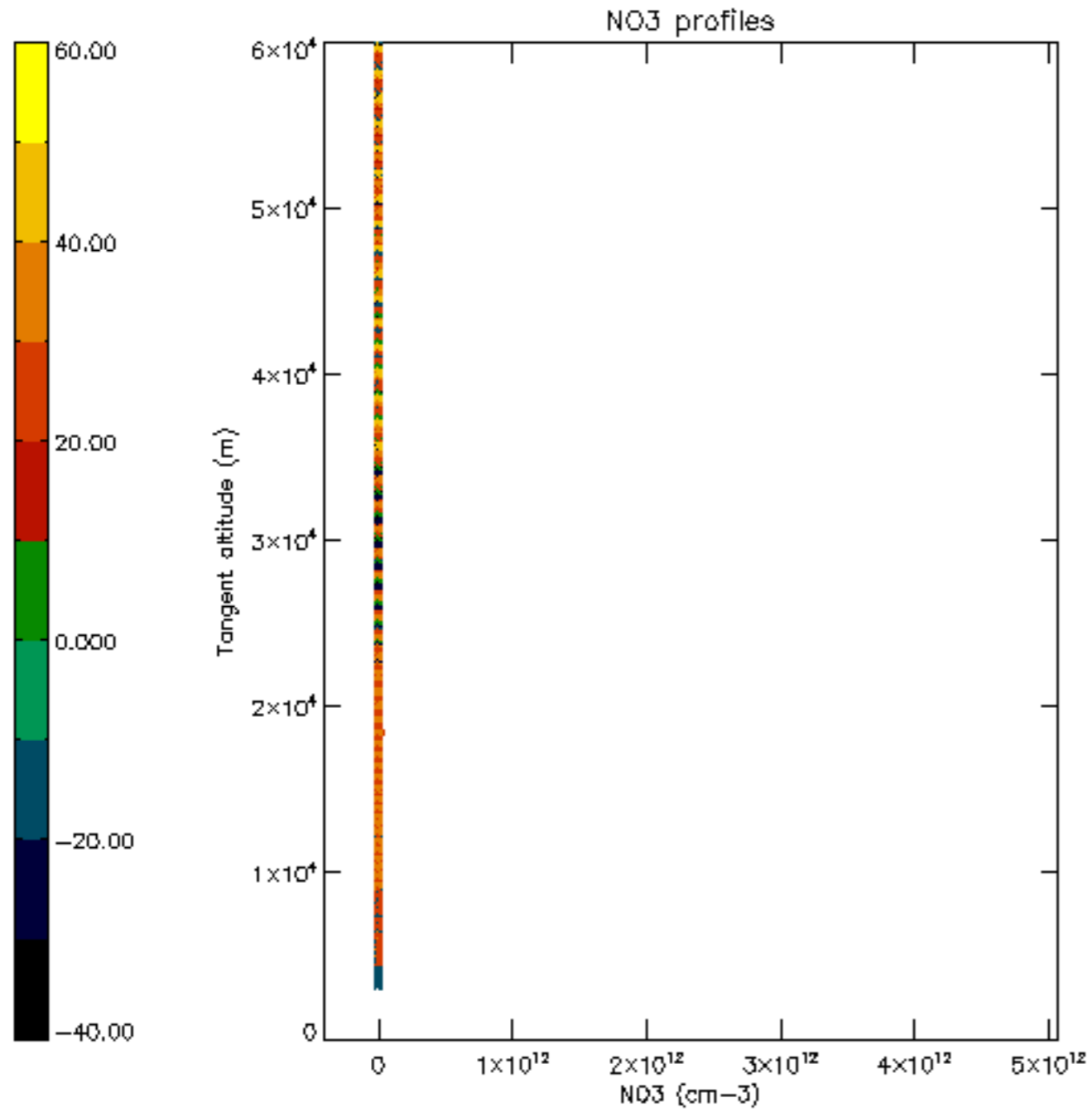


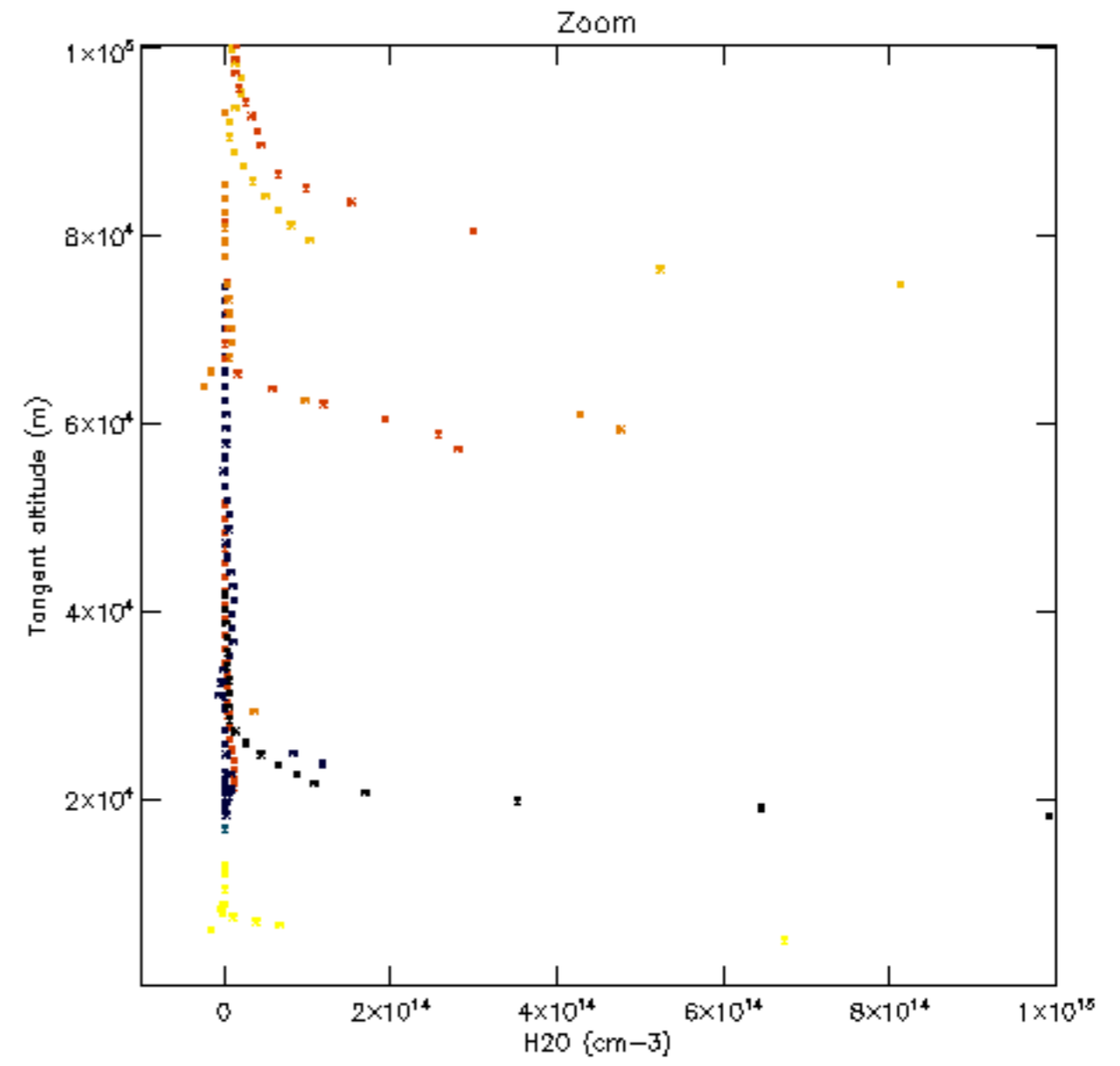
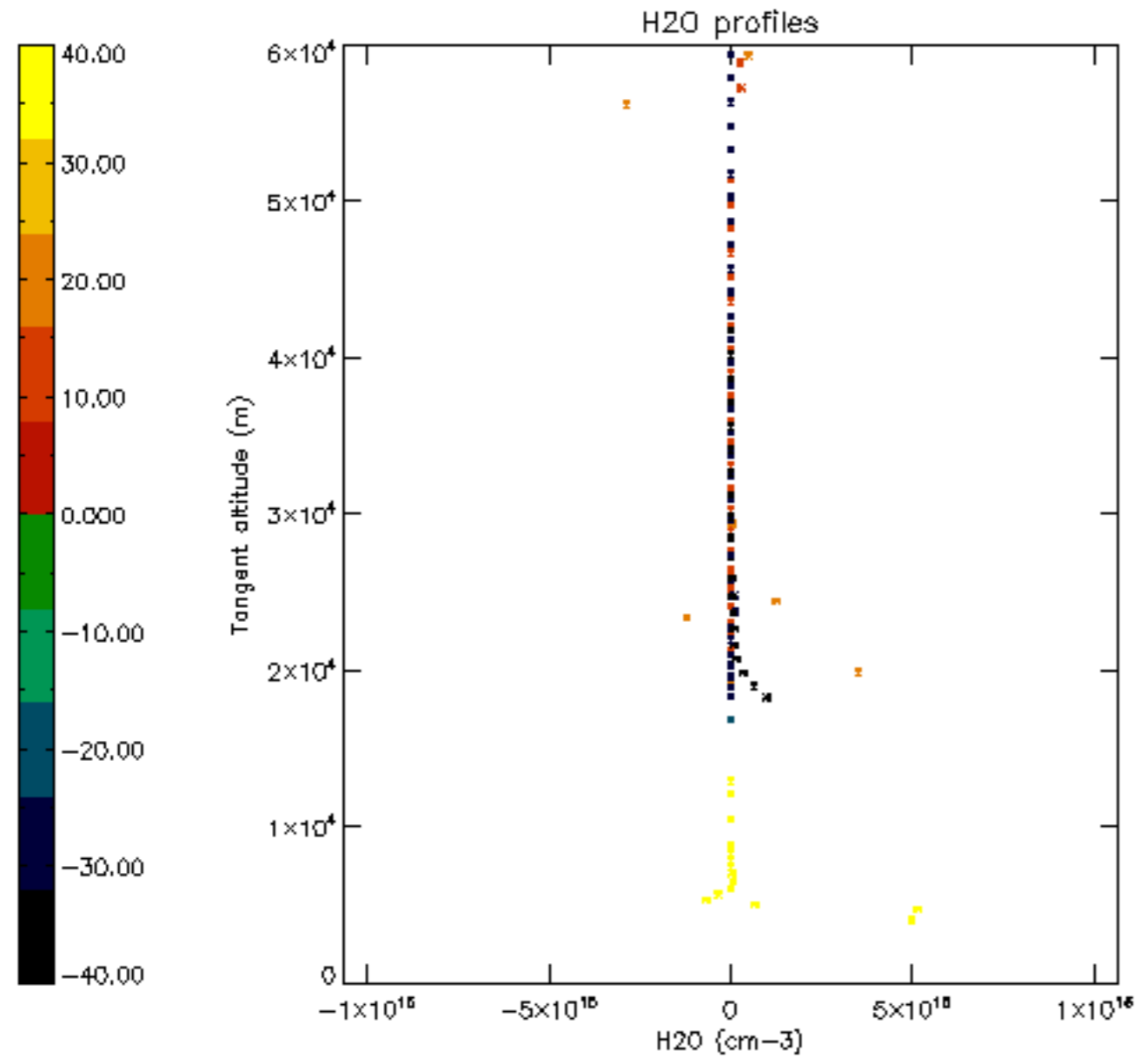


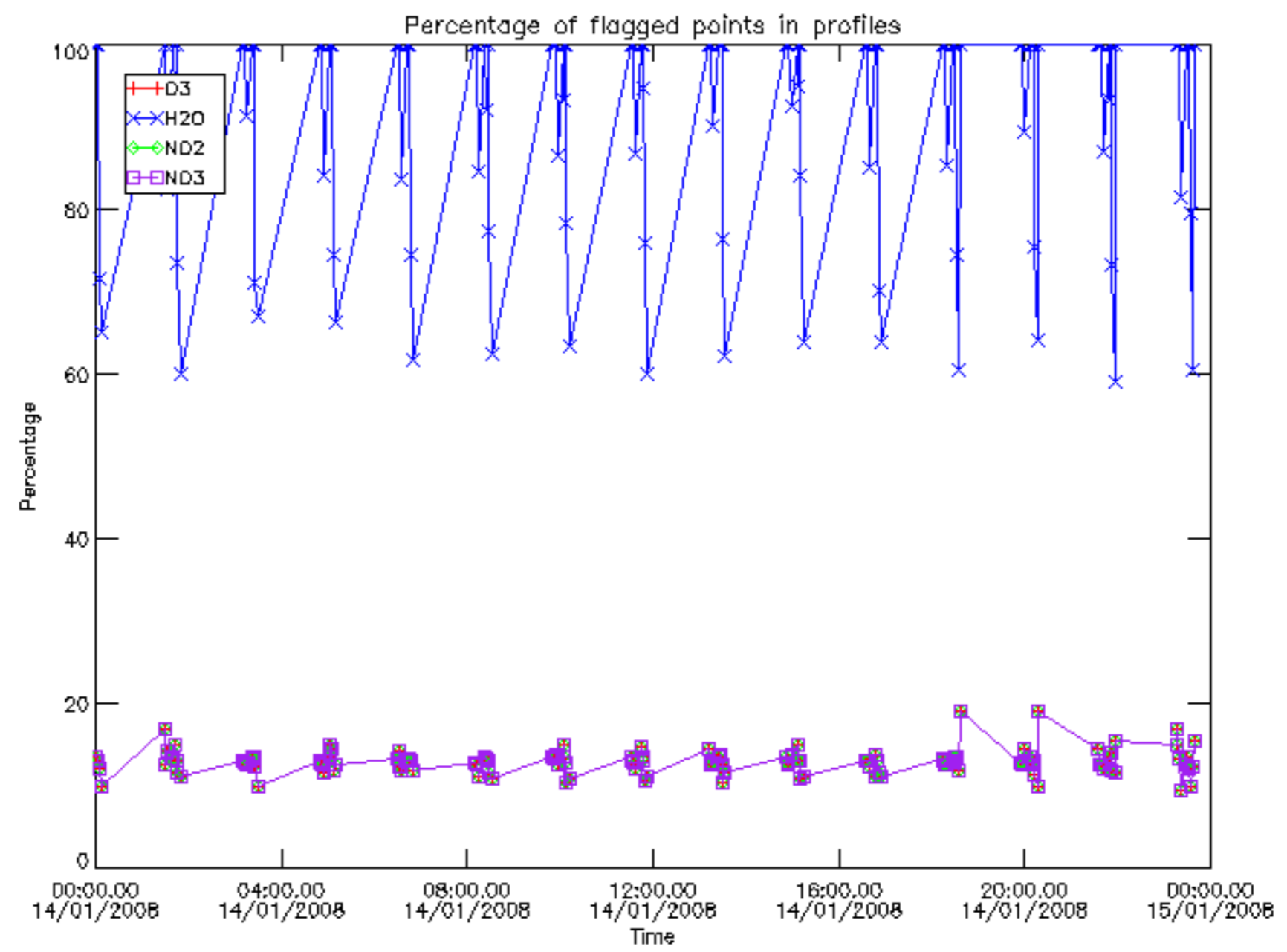




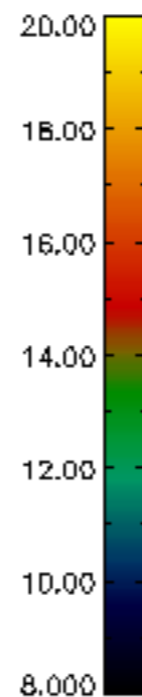
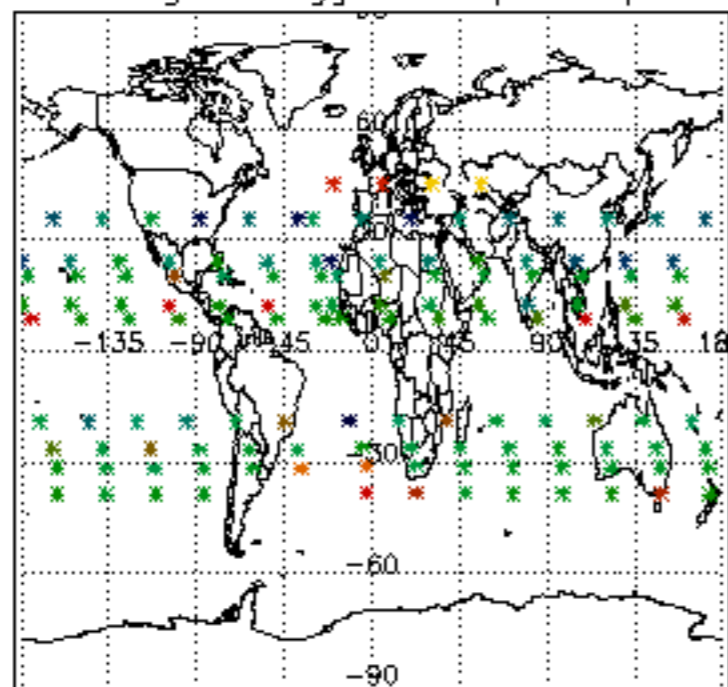




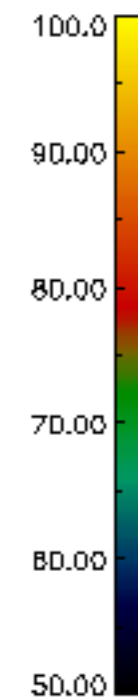
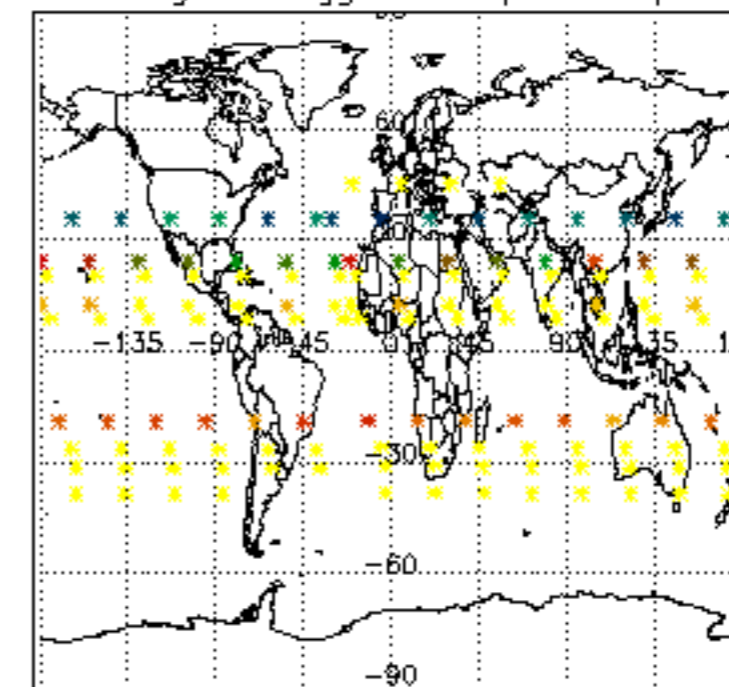




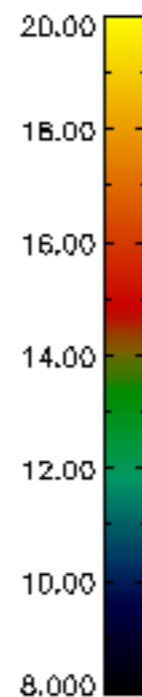
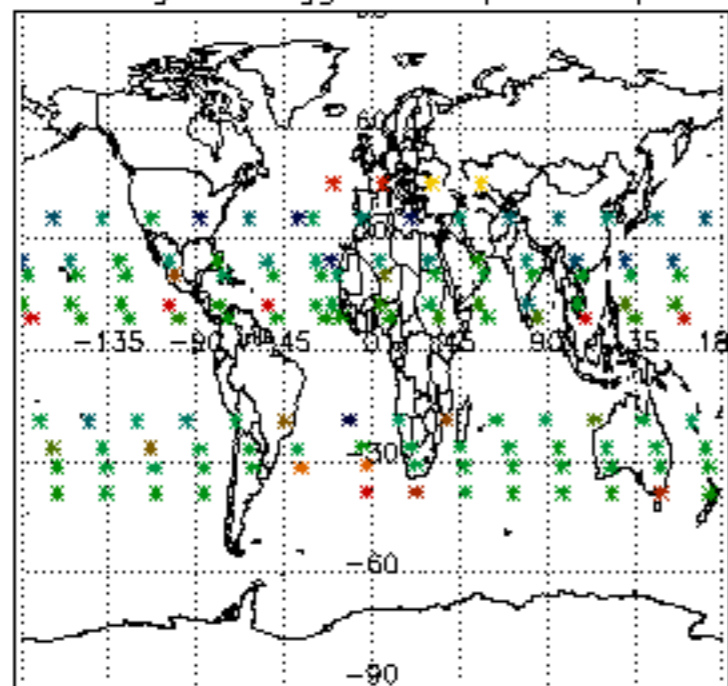
Percentage of flagged data per D3 profile



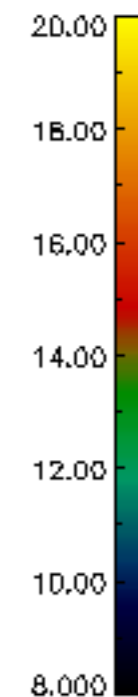
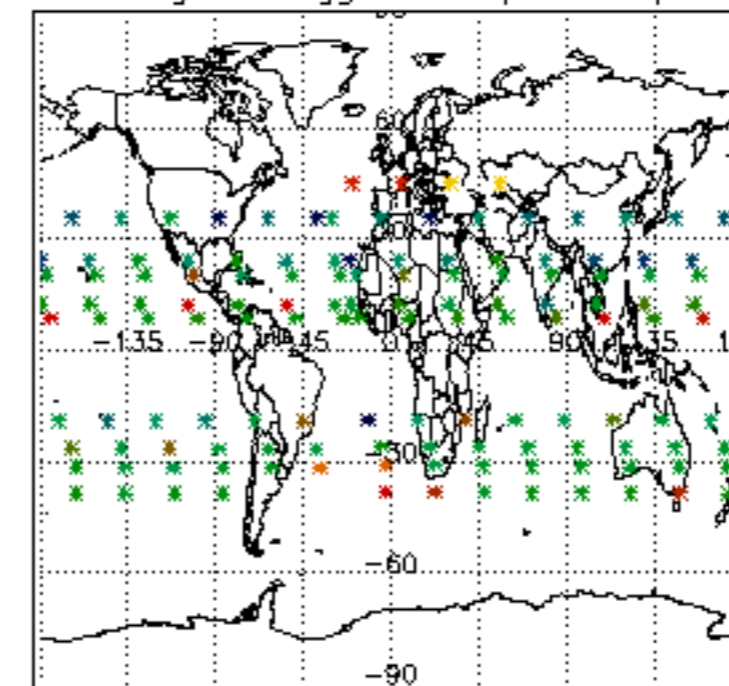
Percentage of flagged data per H2O profile

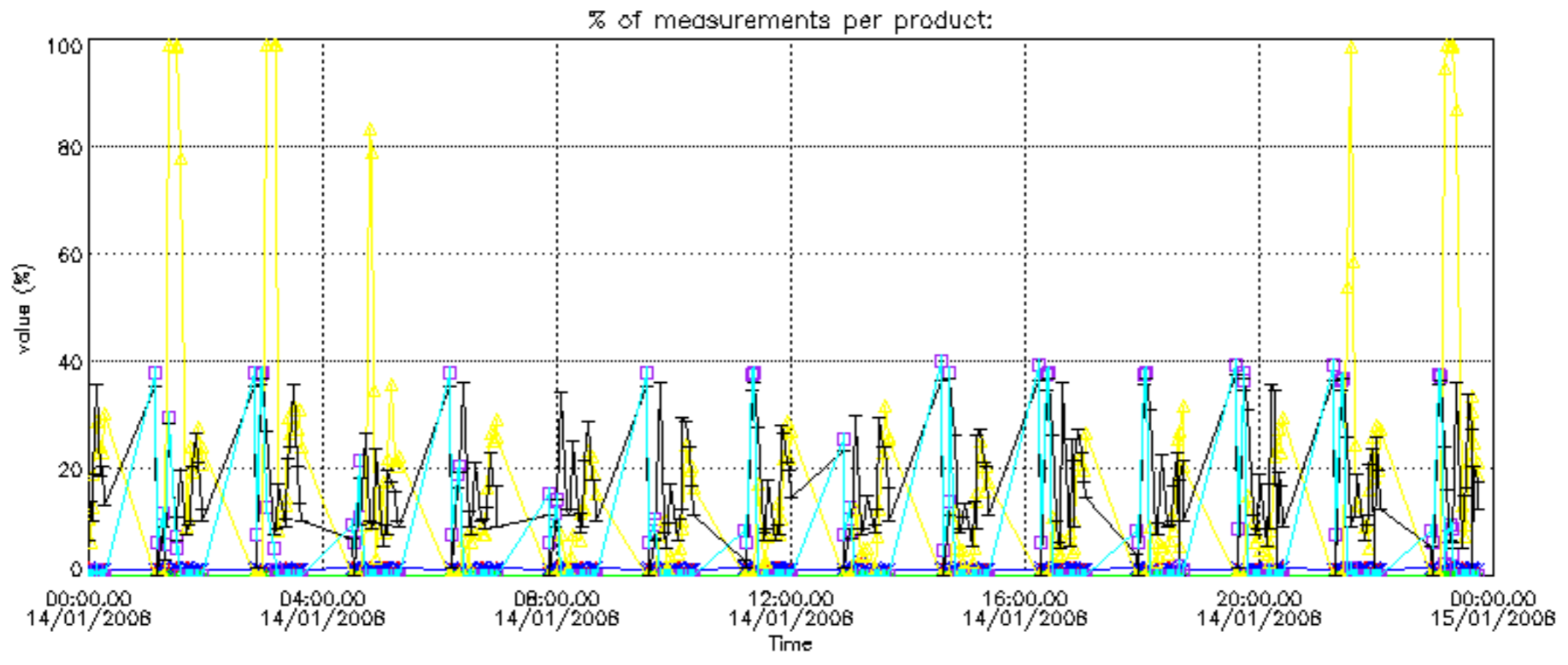


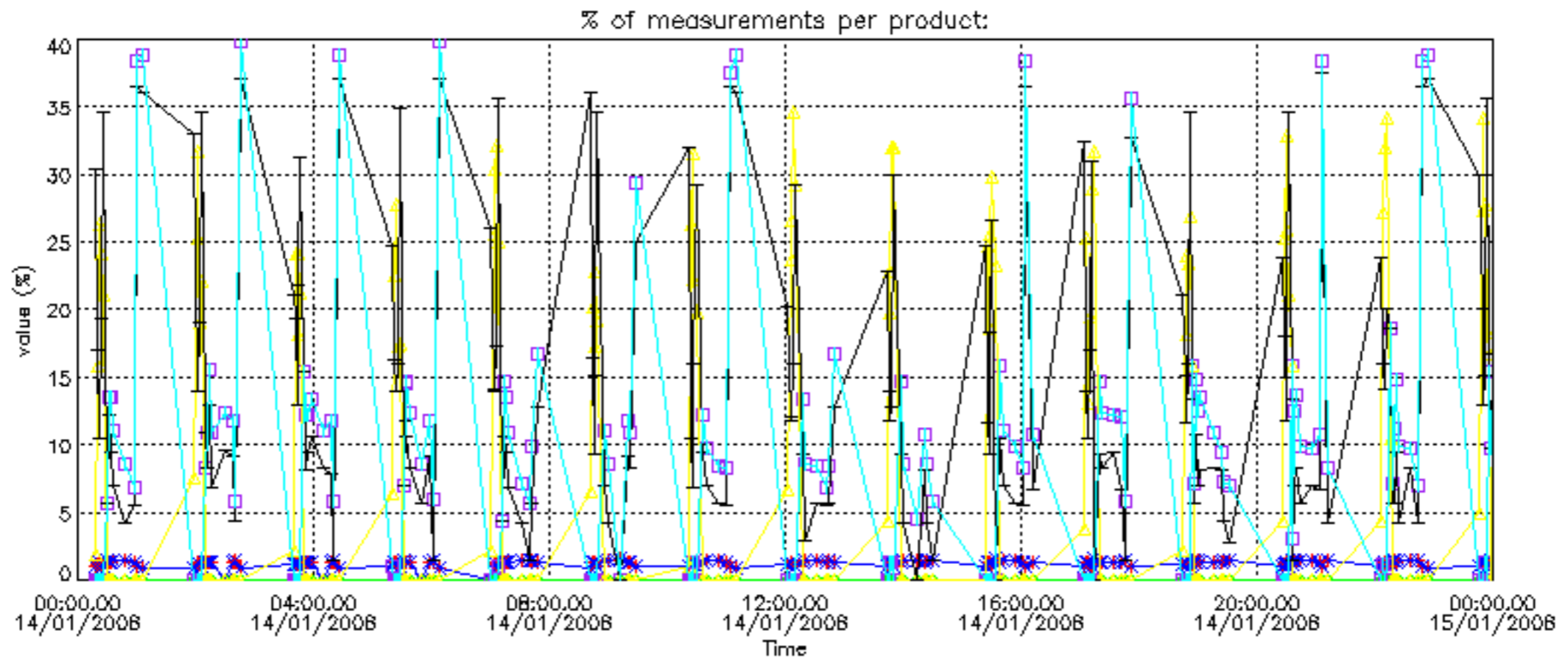
Percentage of flagged data per NO2 profile



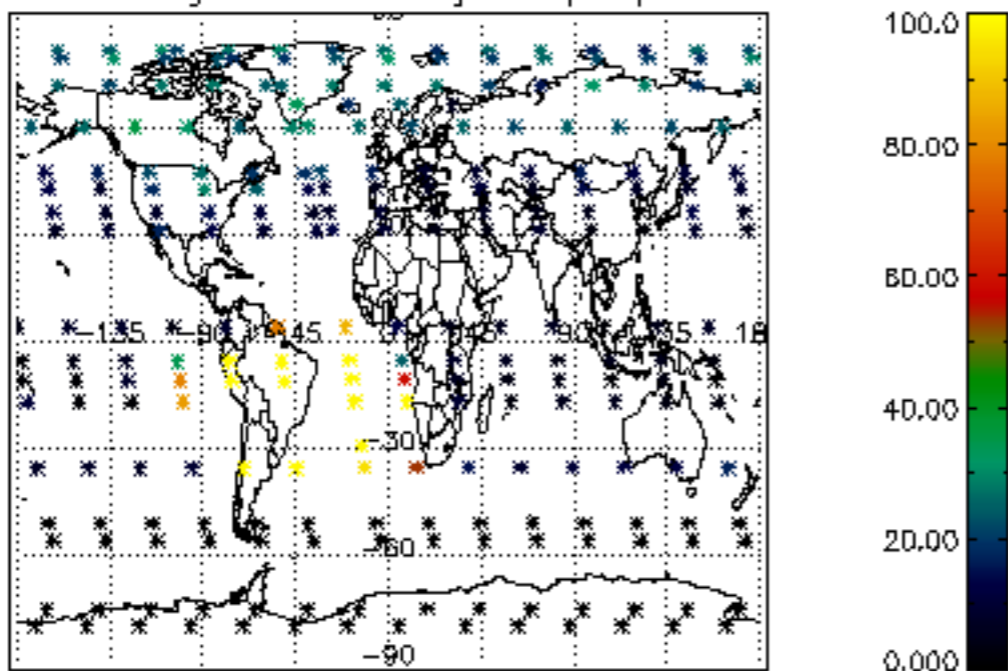
Percentage of flagged data per NO3 profile



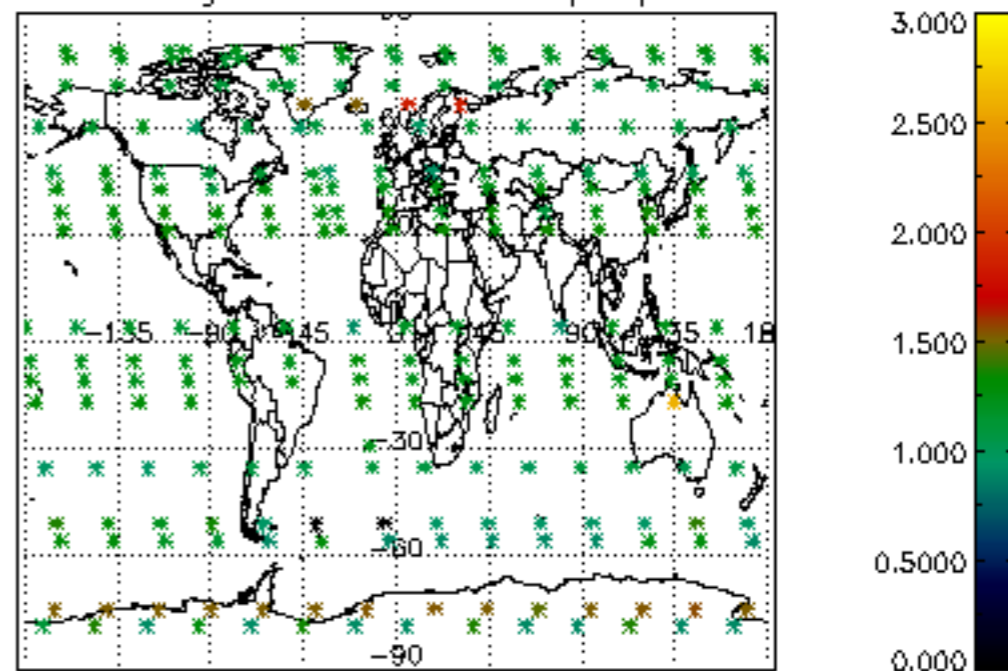




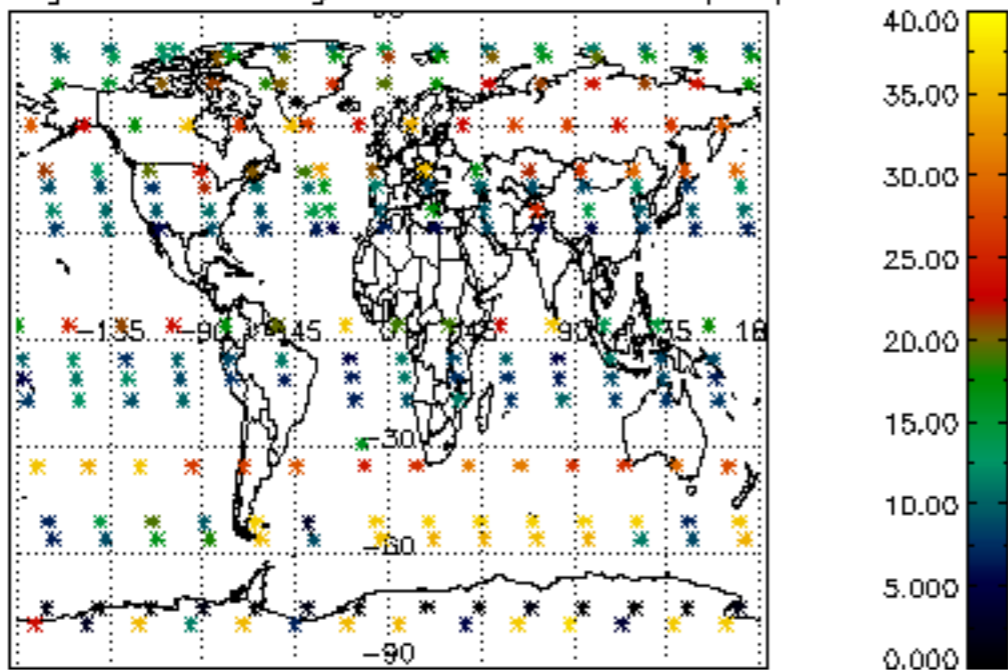
Percentage of cosmic ray hits per profile



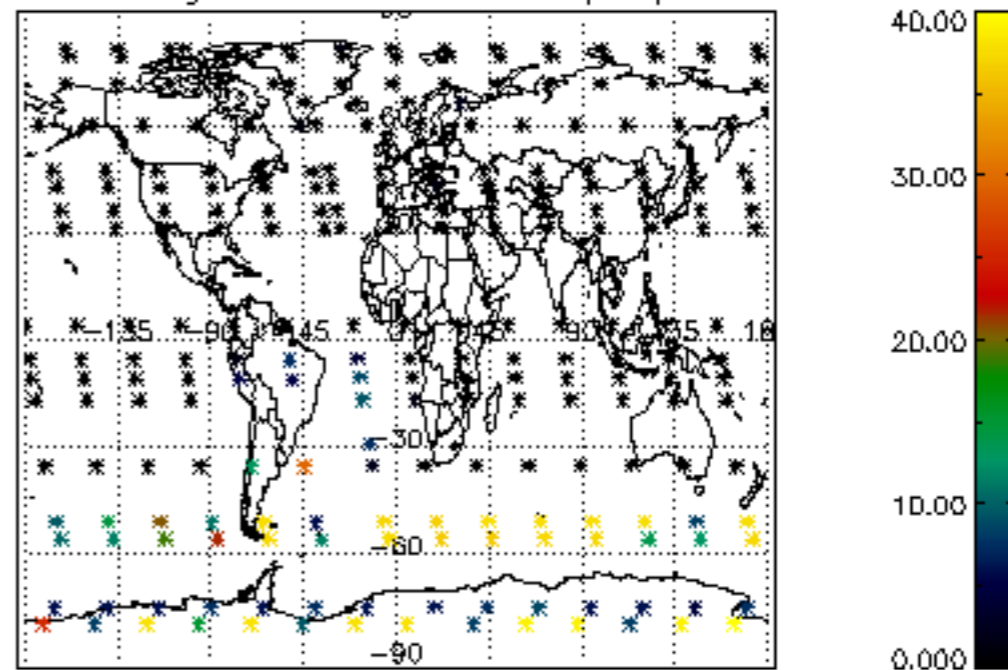
Percentage of datation errors per profile



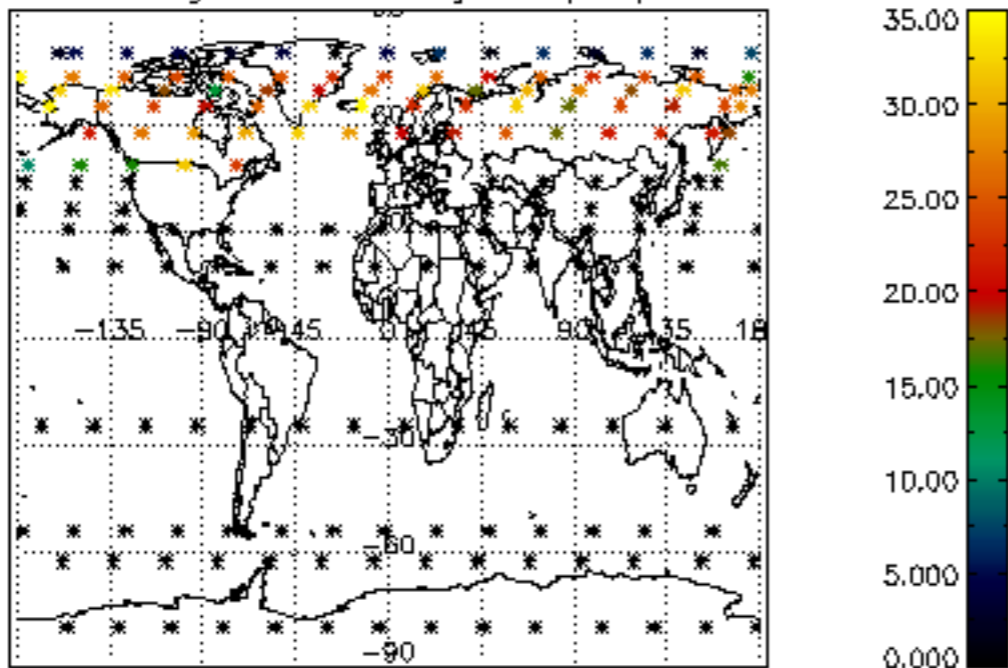
Percentage of star falling outside central band per profile



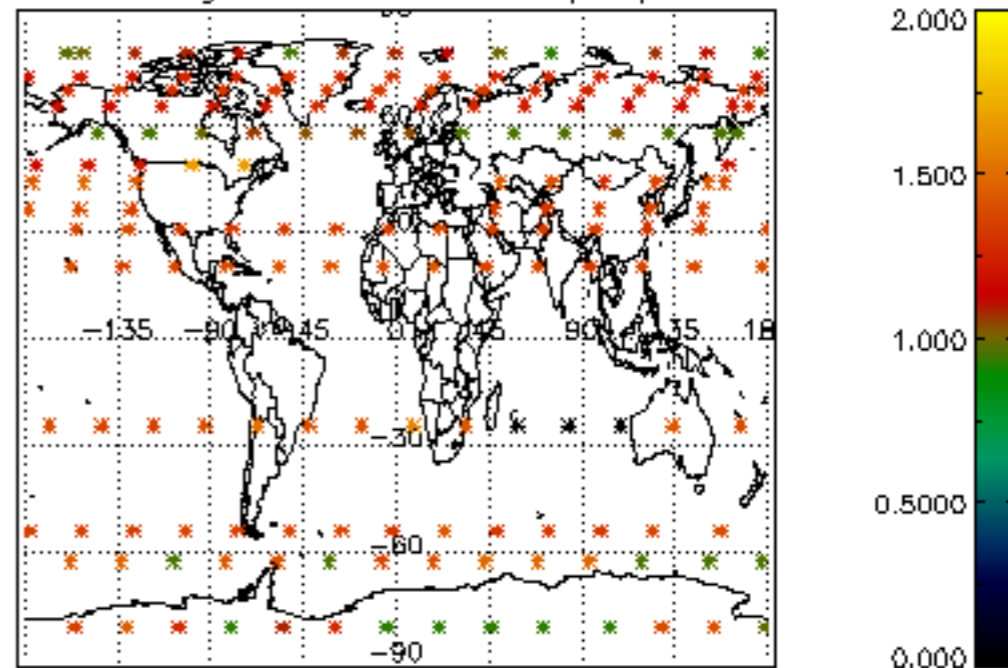
Percentage of saturation errors per profile



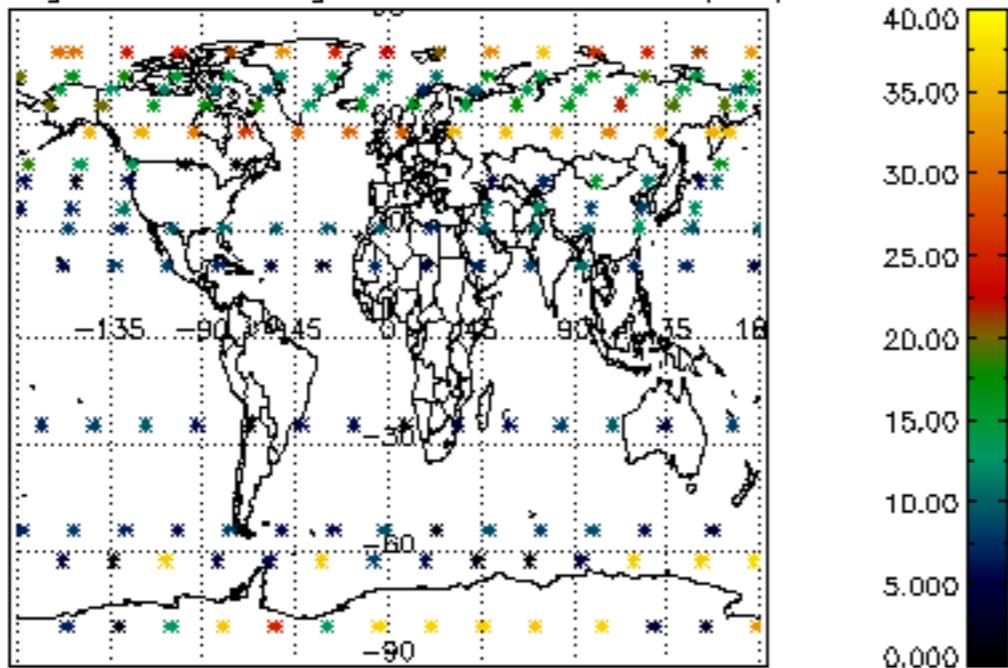
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

