

GOMOS Level 2 Daily Report

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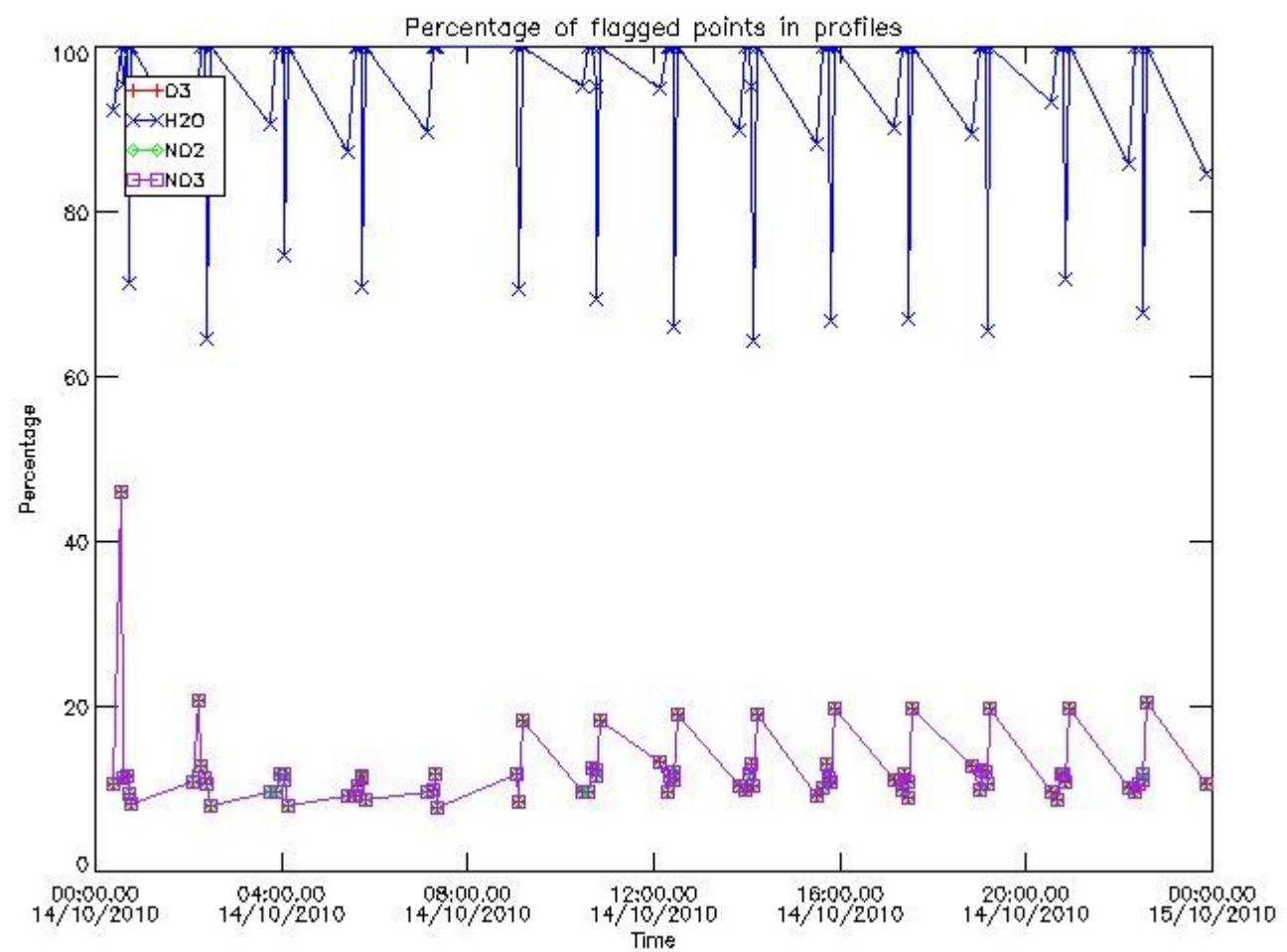
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161	GOM_NL__2PRFIN20101014_195532_000000492093_00443_45086_9327.N1	14-OCT-2010 19:55:32	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	45086	No
162	GOM_NL__2PRFIN20101014_202106_000000412093_00443_45086_9328.N1	14-OCT-2010 20:21:06	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	45086	No
163	GOM_NL__2PRFIN20101014_202420_000000572093_00443_45086_9329.N1	14-OCT-2010 20:24:20	Bright	57.000	22	32Alp Leo	1.3600	15200.	114	45086	No
164	GOM_NL__2PRFIN20101014_203138_000000532093_00443_45086_9330.N1	14-OCT-2010 20:31:38	Dark	52.500	48	30Alp Hya	1.9770	4100.0	105	45086	No
165	GOM_NL__2PRFIN20101014_204021_000000592093_00443_45086_9331.N1	14-OCT-2010 20:40:21	Dark	59.000	132	15Rho Pup	2.8030	6900.0	118	45086	No
166	GOM_NL__2PRFIN20101014_204419_000000432093_00443_45086_9332.N1	14-OCT-2010 20:44:19	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	45086	No
167	GOM_NL__2PRFIN20101014_204834_000000442093_00444_45087_9342.N1	14-OCT-2010 20:48:34	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	45087	No
168	GOM_NL__2PRFIN20101014_204956_000000472093_00444_45087_9343.N1	14-OCT-2010 20:49:56	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	45087	No
169	GOM_NL__2PRFIN20101014_205431_000000262093_00444_45087_9344.N1	14-OCT-2010 20:54:31	Dark	25.500	108	Alp Col	2.6520	15200.	51	45087	No
170	GOM_NL__2PRFIN20101014_210148_000000472093_00444_45087_9345.N1	14-OCT-2010 21:01:48	Straylight	46.500	157	The1Eri	2.9060	9300.0	93	45087	No
171	GOM_NL__2PRFIN20101014_212351_000000482093_00444_45087_9346.N1	14-OCT-2010 21:23:51	Bright	48.000	105	6Bet Ari	2.6450	8900.0	96	45087	No
172	GOM_NL__2PRFIN20101014_212712_000000392093_00444_45087_9347.N1	14-OCT-2010 21:27:12	Bright	39.000	53	43Bet And	2.0480	3300.0	78	45087	No
173	GOM_NL__2PRFIN20101014_212857_000000472093_00444_45087_9348.N1	14-OCT-2010 21:28:57	Bright	46.500	173	4Bet Tri	3.0040	8900.0	93	45087	No
174	GOM_NL__2PRFIN20101014_213047_000000492093_00444_45087_9349.N1	14-OCT-2010 21:30:47	Bright	48.500	73	57Gam1And	2.2600	13100.	97	45087	No
175	GOM_NL__2PRFIN20101014_213403_000000392093_00444_45087_9350.N1	14-OCT-2010 21:34:03	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	45087	No
176	GOM_NL__2PRFIN20101014_213608_000000442093_00444_45087_9351.N1	14-OCT-2010 21:36:08	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	45087	No
177	GOM_NL__2PRFIN20101014_220142_000000432093_00444_45087_9352.N1	14-OCT-2010 22:01:42	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	45087	No
178	GOM_NL__2PRFIN20101014_220456_000000392093_00444_45087_9353.N1	14-OCT-2010 22:04:56	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	45087	No
179	GOM_NL__2PRFIN20101014_221214_000000502093_00444_45087_9354.N1	14-OCT-2010 22:12:14	Dark	50.000	48	30Alp Hya	1.9770	4100.0	100	45087	No
180	GOM_NL__2PRFIN20101014_222059_000000532093_00444_45087_9355.N1	14-OCT-2010 22:20:59	Dark	52.500	132	15Rho Pup	2.8030	6900.0	105	45087	No
181	GOM_NL__2PRFIN20101014_222456_000000482093_00444_45087_9356.N1	14-OCT-2010 22:24:56	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45087	No
182	GOM_NL__2PRFIN20101014_222911_000000442093_00445_45088_9382.N1	14-OCT-2010 22:29:11	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	45088	No
183	GOM_NL__2PRFIN20101014_223032_000000462093_00445_45088_9383.N1	14-OCT-2010 22:30:32	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	45088	No
184	GOM_NL__2PRFIN20101014_223508_000000252093_00445_45088_9384.N1	14-OCT-2010 22:35:08	Dark	25.000	108	Alp Col	2.6520	15200.	50	45088	No
185	GOM_NL__2PRFIN20101014_224224_000000452093_00445_45088_9385.N1	14-OCT-2010 22:42:24	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	45088	No
186	GOM_NL__2PRFIN20101014_230427_000000492093_00445_45088_9386.N1	14-OCT-2010 23:04:27	Bright	48.500	105	6Bet Ari	2.6450	8900.0	97	45088	No
187	GOM_NL__2PRFIN20101014_230747_000000412093_00445_45088_9387.N1	14-OCT-2010 23:07:47	Bright	41.000	53	43Bet And	2.0480	3300.0	82	45088	No
188	GOM_NL__2PRFIN20101014_230932_000000462093_00445_45088_9388.N1	14-OCT-2010 23:09:32	Bright	45.500	173	4Bet Tri	3.0040	8900.0	91	45088	No
189	GOM_NL__2PRFIN20101014_231122_000000472093_00445_45088_9389.N1	14-OCT-2010 23:11:22	Bright	47.000	73	57Gam1And	2.2600	13100.	94	45088	No
190	GOM_NL__2PRFIN20101014_231438_000000382093_00445_45088_9390.N1	14-OCT-2010 23:14:38	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	45088	No
191	GOM_NL__2PRFIN20101014_231642_000000482093_00445_45088_9391.N1	14-OCT-2010 23:16:42	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	45088	No
192	GOM_NL__2PRFIN20101014_234218_000000422093_00445_45088_9392.N1	14-OCT-2010 23:42:18	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	45088	No
193	GOM_NL__2PRFIN20101014_234532_000000392093_00445_45088_9393.N1	14-OCT-2010 23:45:32	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	45088	No
194	GOM_NL__2PRFIN20101014_235251_000000532093_00445_45088_9394.N1	14-OCT-2010 23:52:51	Dark	52.500	48	30Alp Hya	1.9770	4100.0	105	45088	No

3. Quality information per product

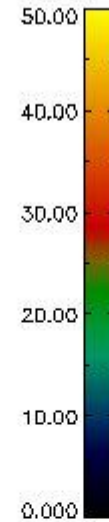
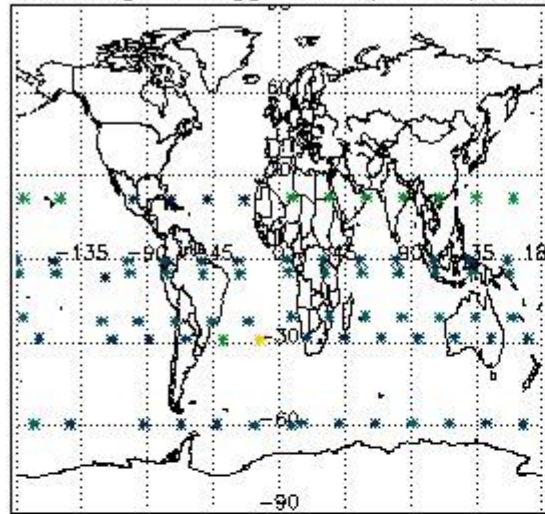
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

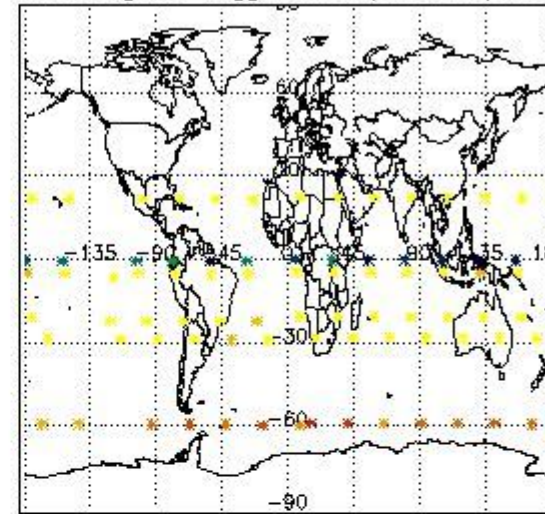


3.2 Plot quality information per product (world map)

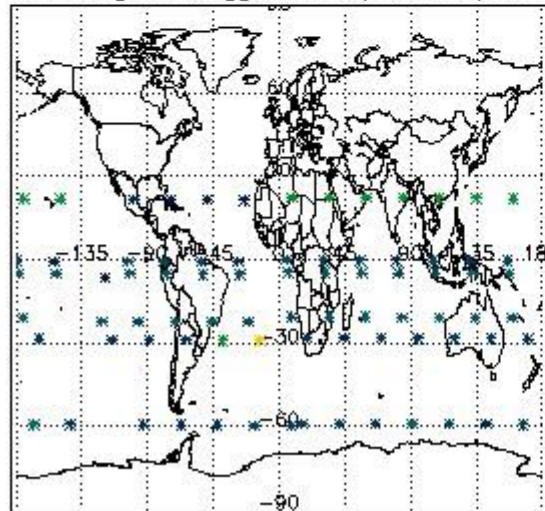
Percentage of flagged data per O3 profile



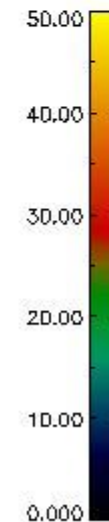
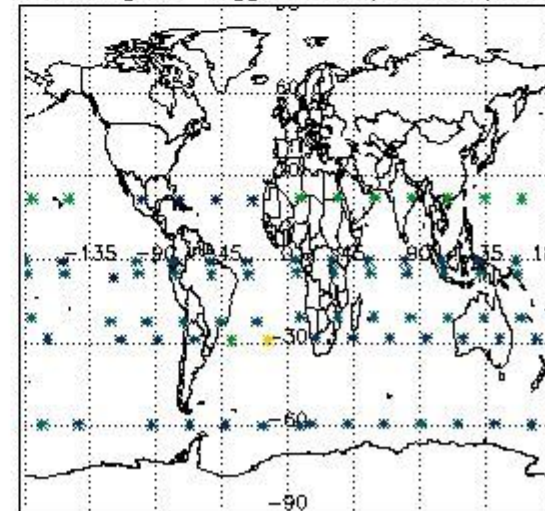
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

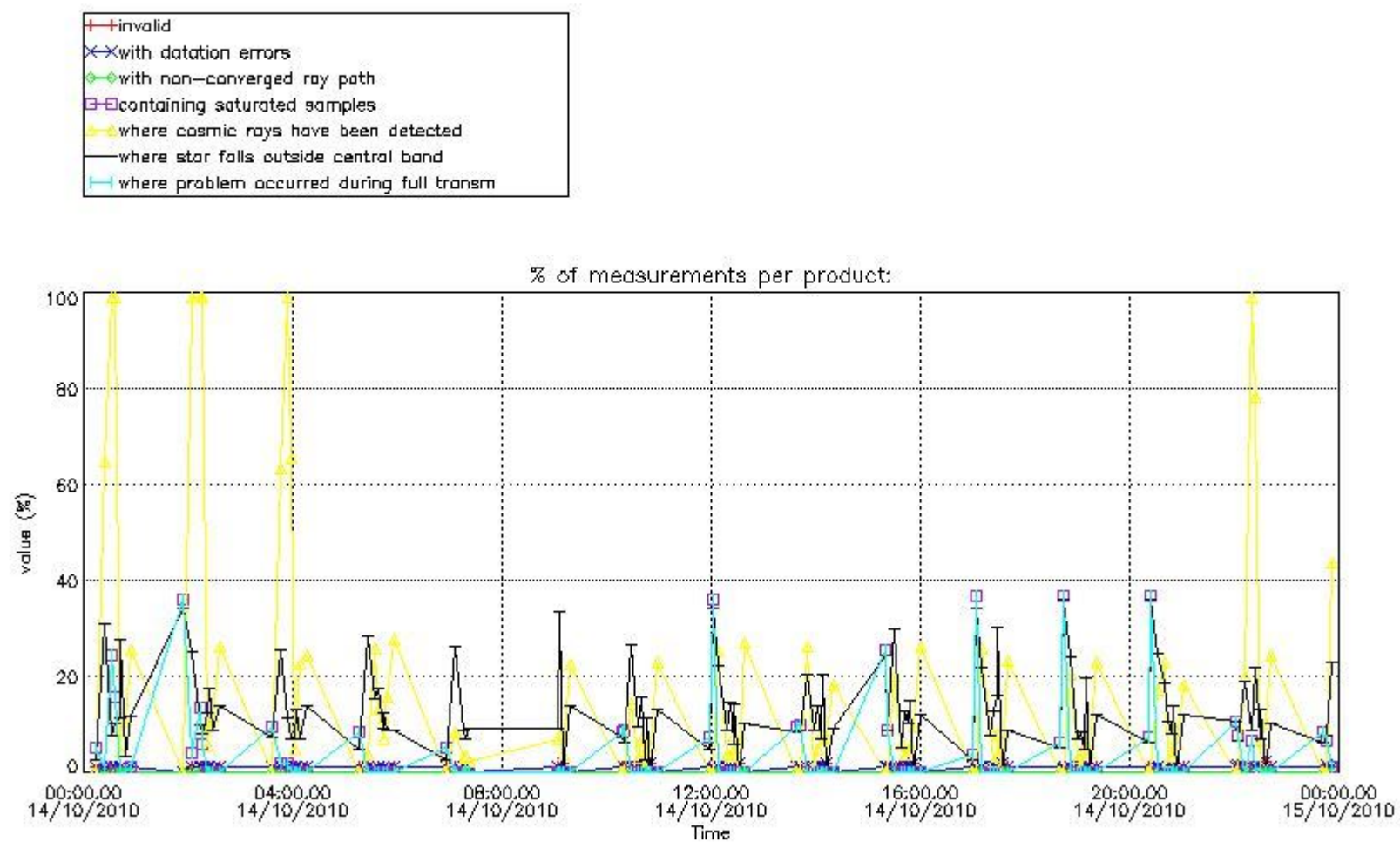


4. Level 1 quality information per product

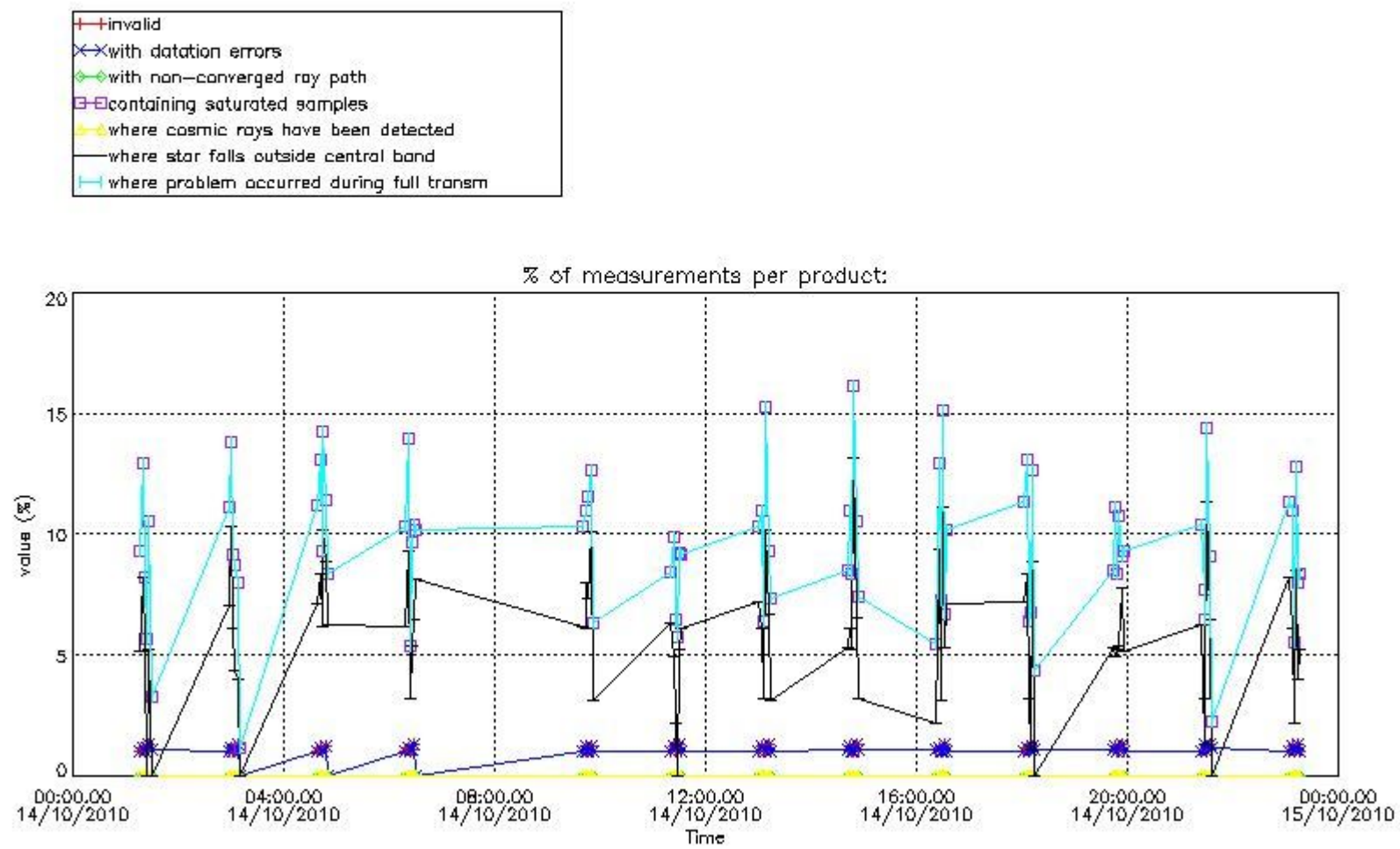
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



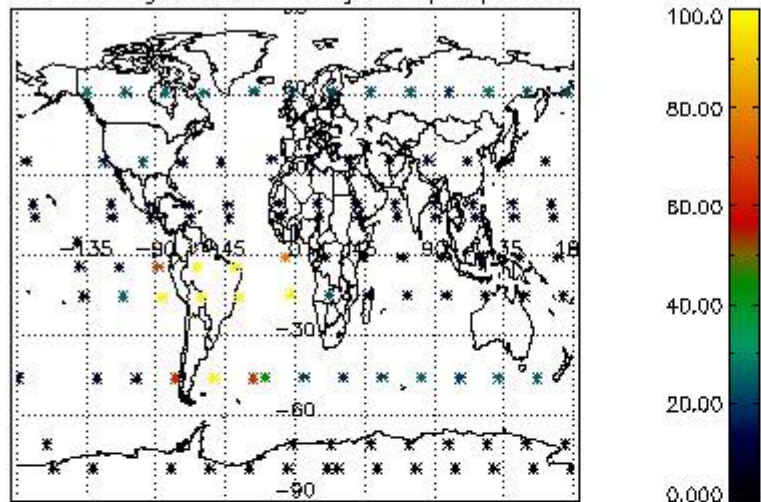
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



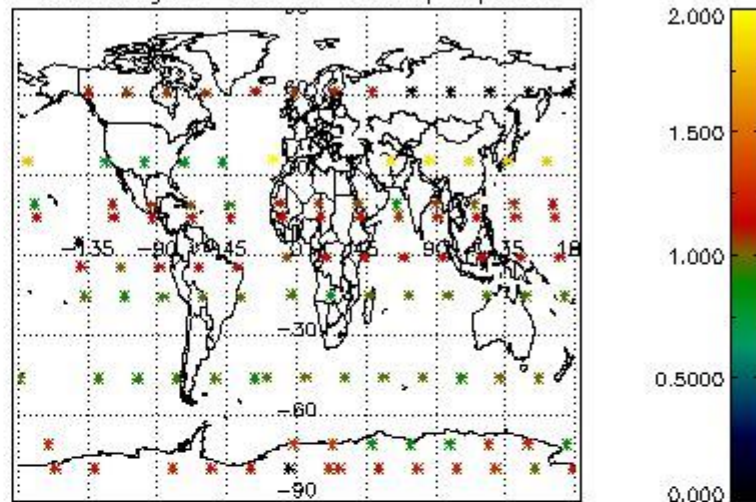
4.2 Plot quality information per product coming from level 1b processing (world map)

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

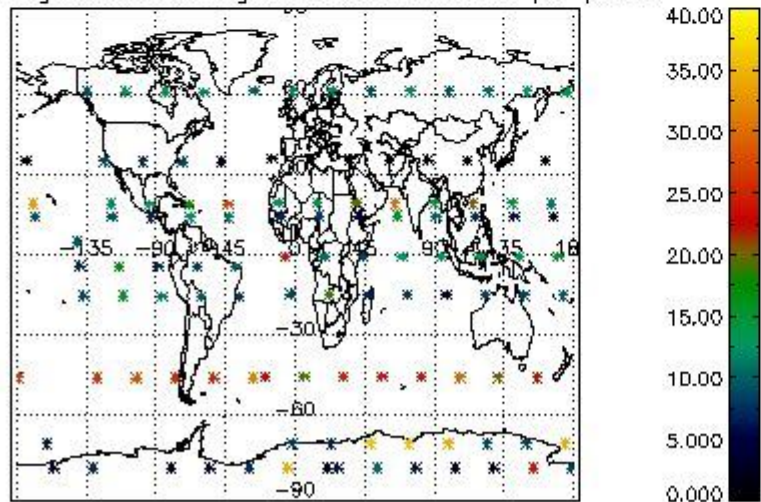
Percentage of cosmic ray hits per profile



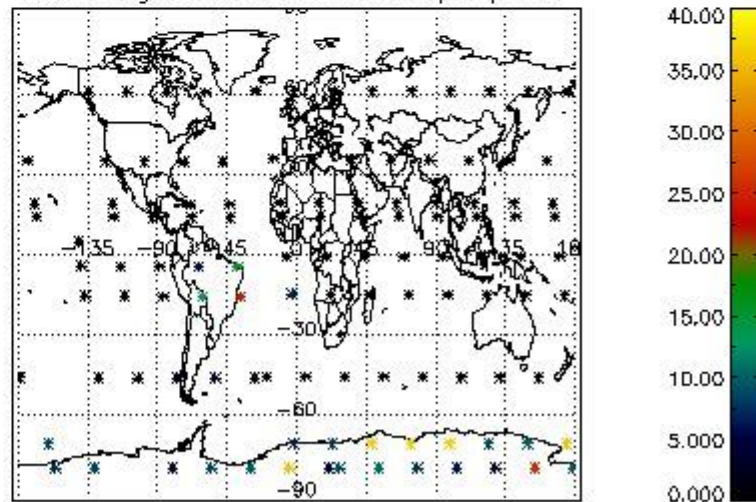
Percentage of datation errors per profile



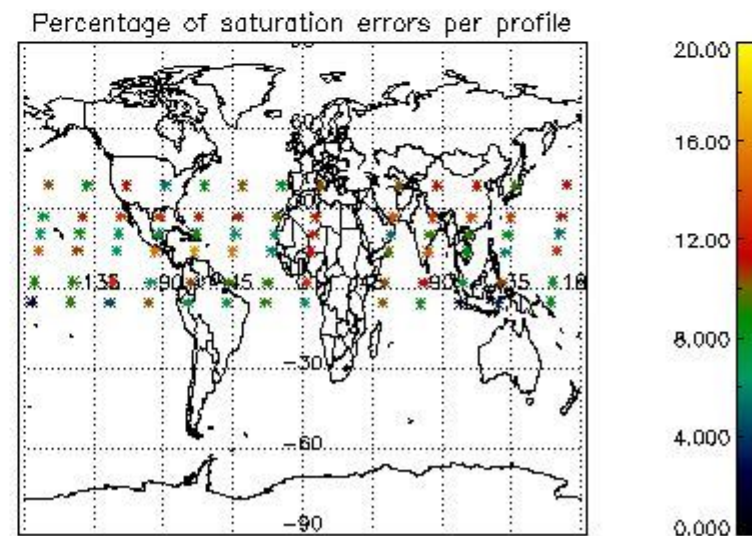
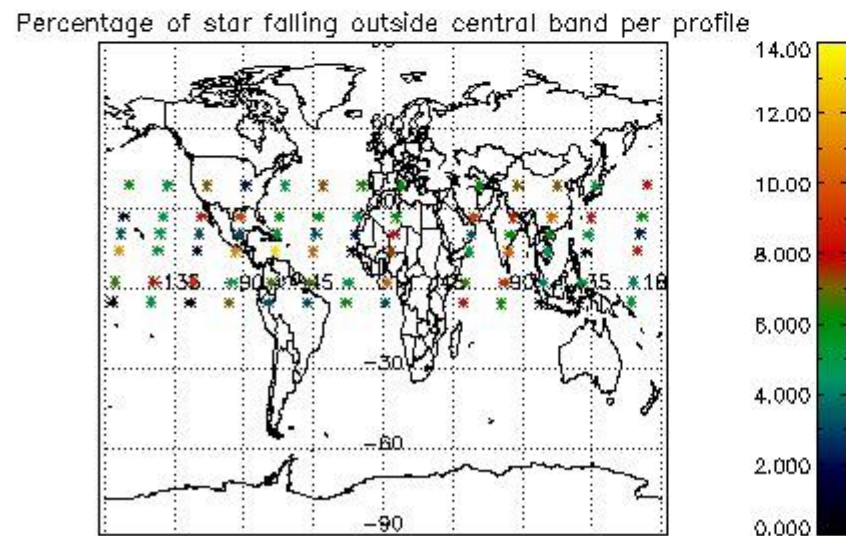
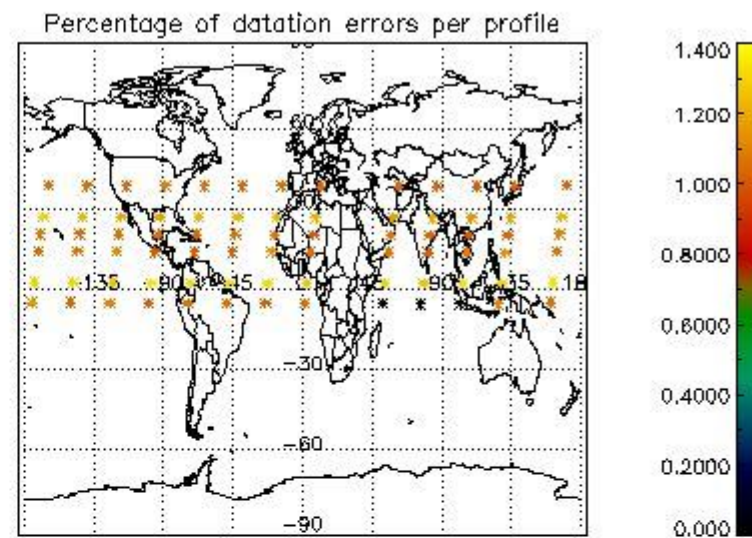
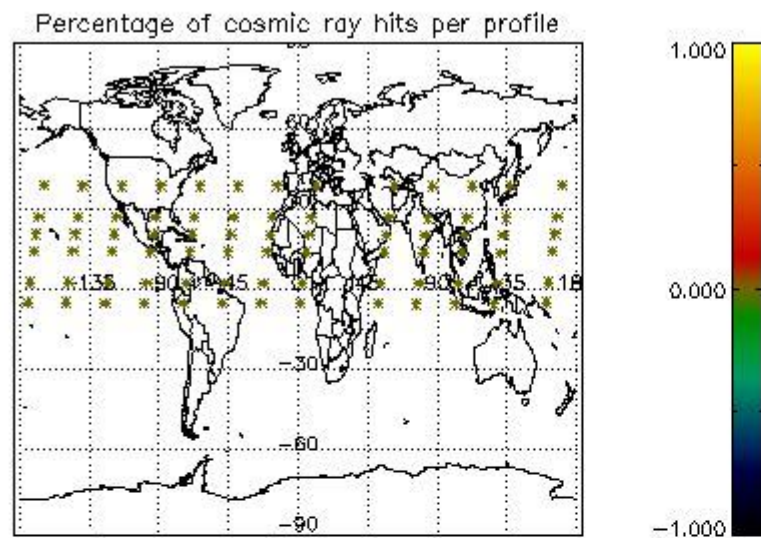
Percentage of star falling outside central band per profile



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

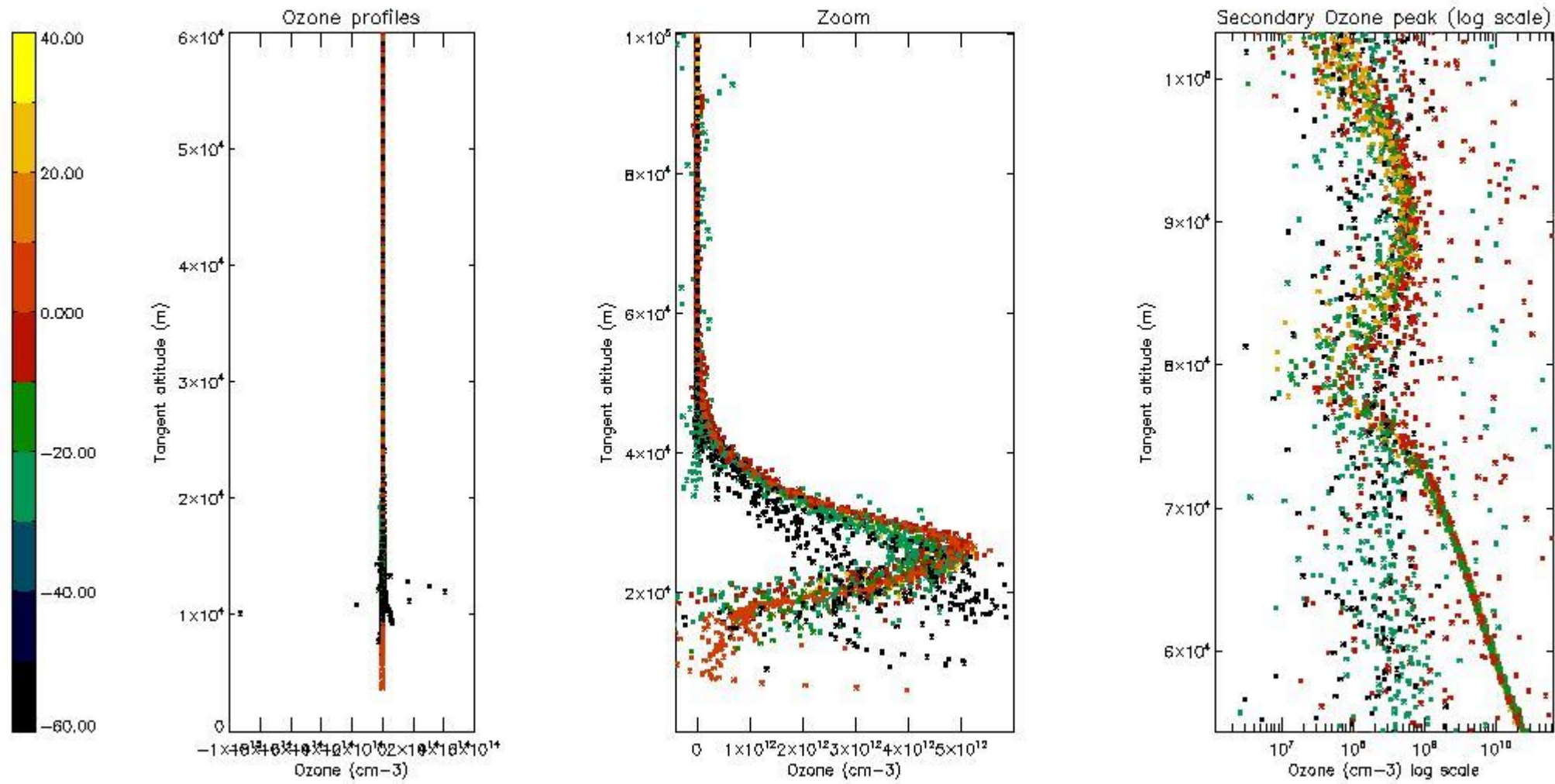
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	19

STD < 10	13
STD < 5	9

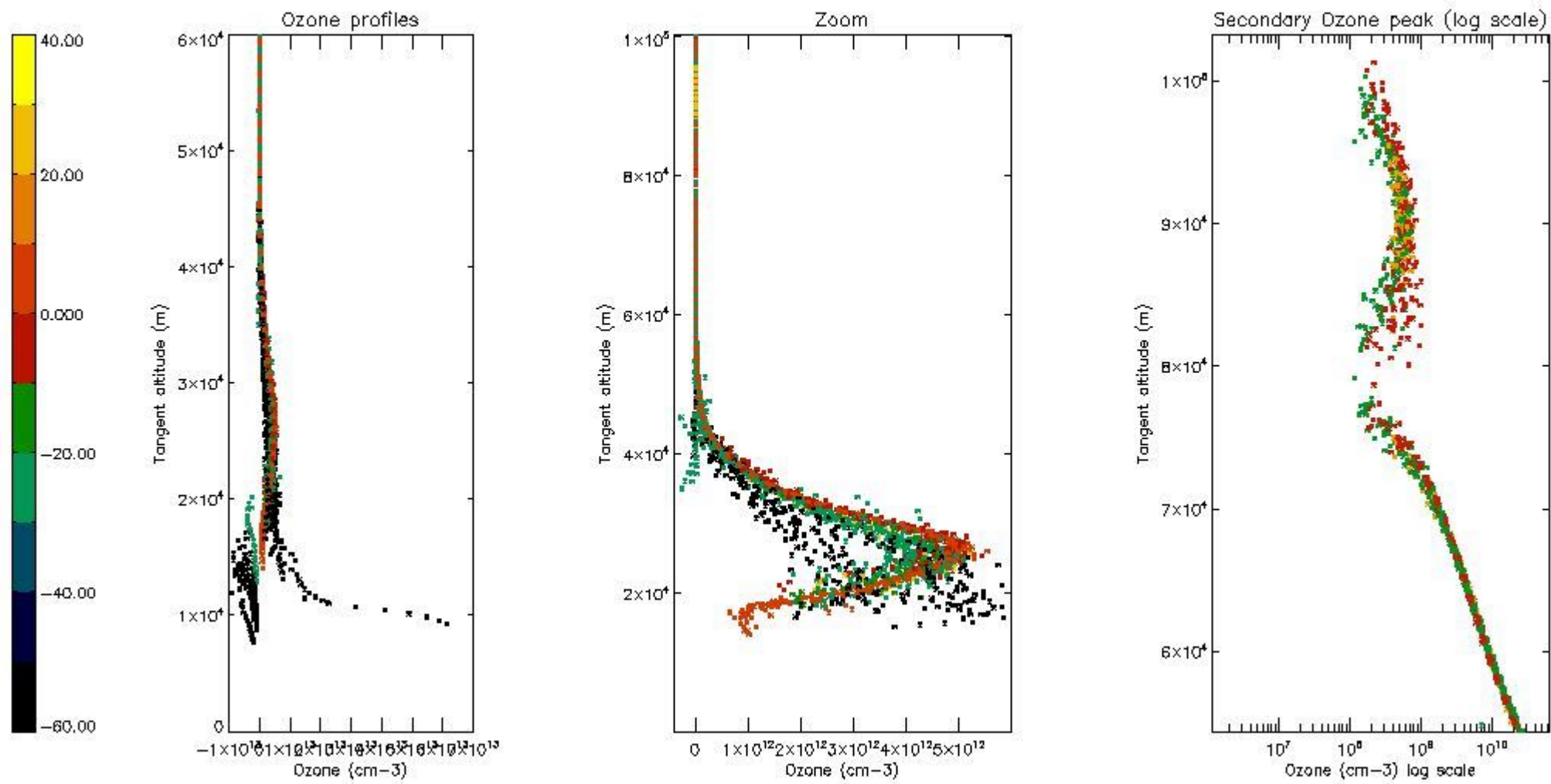
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



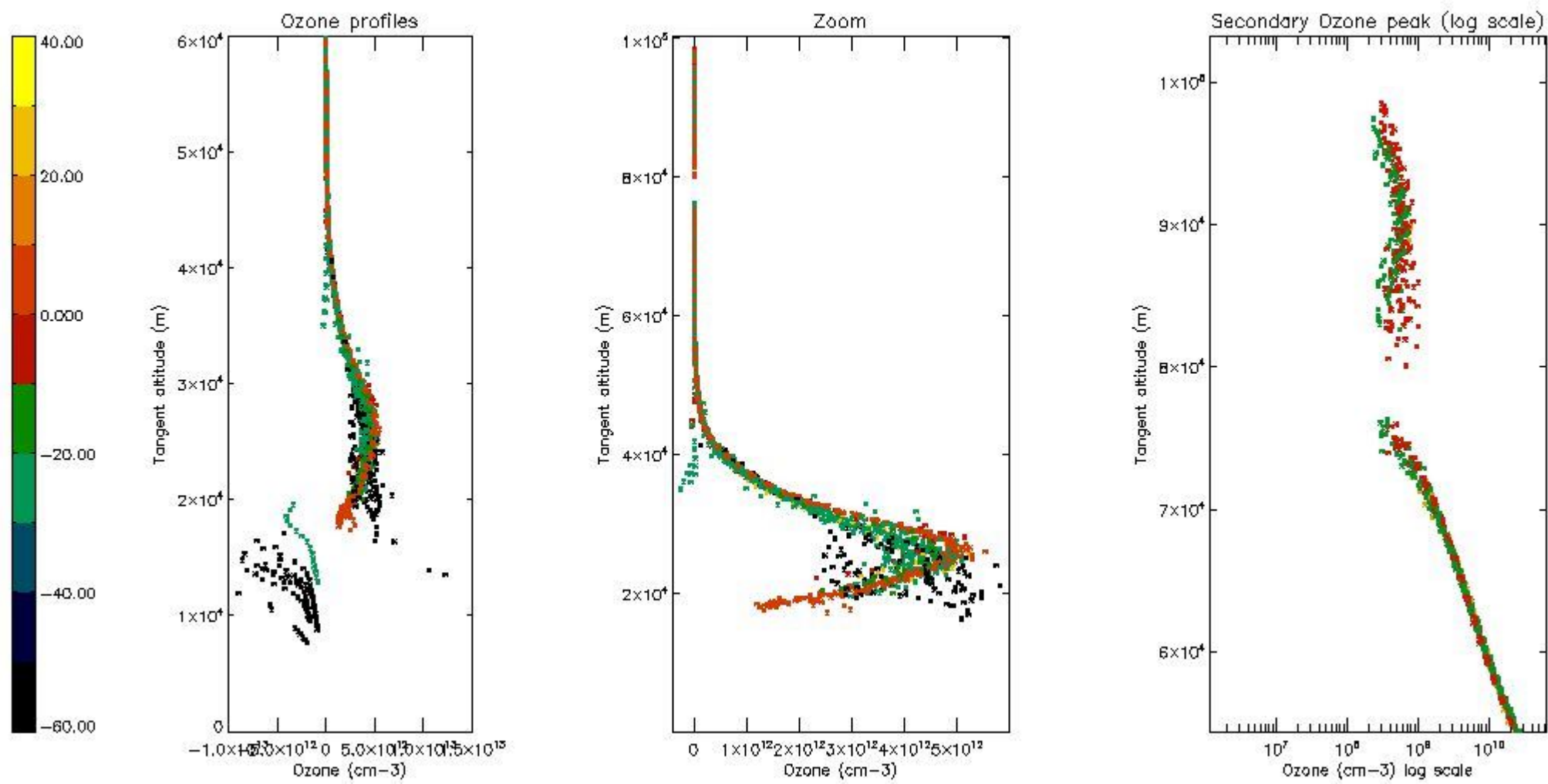
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



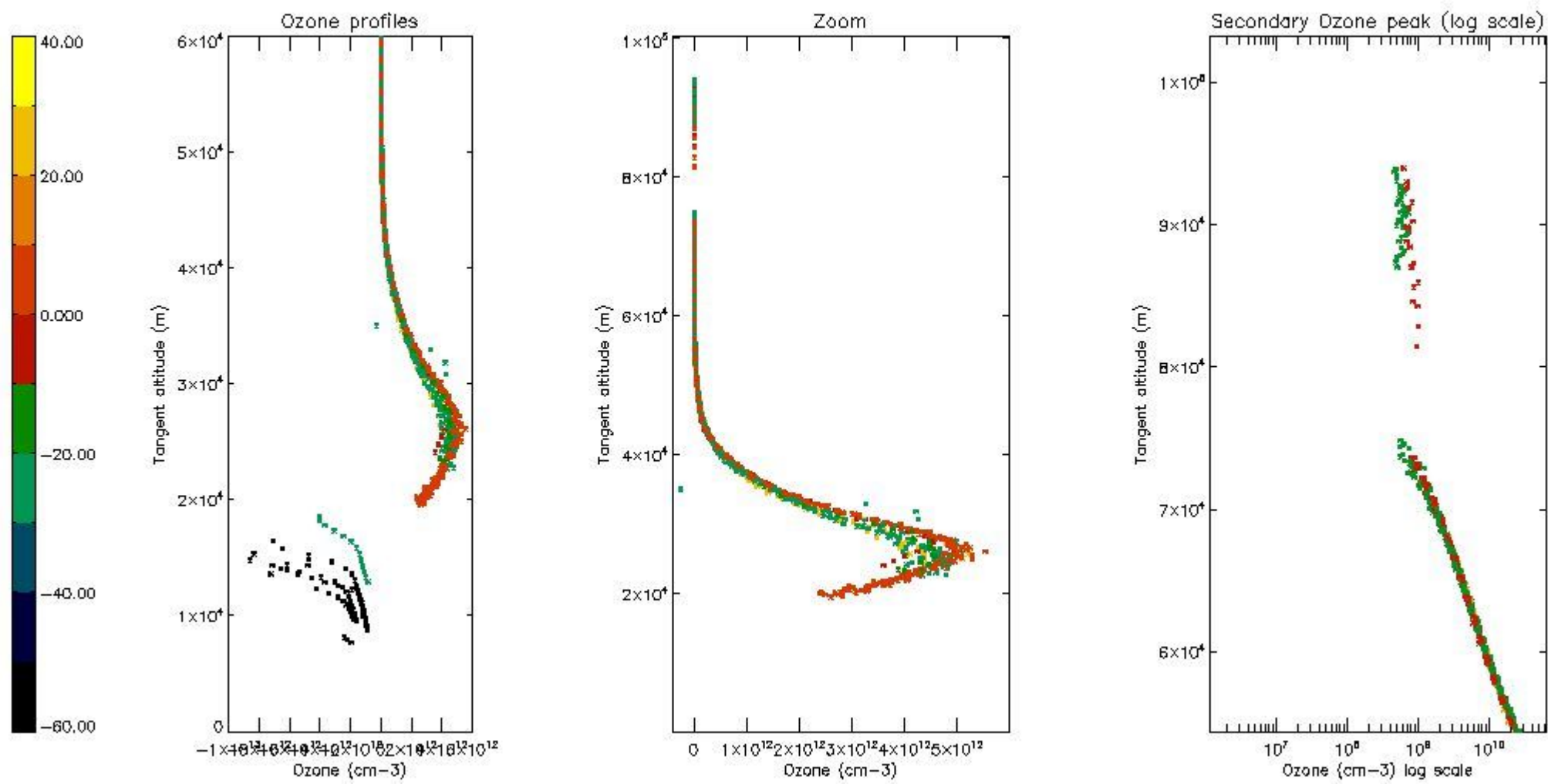
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



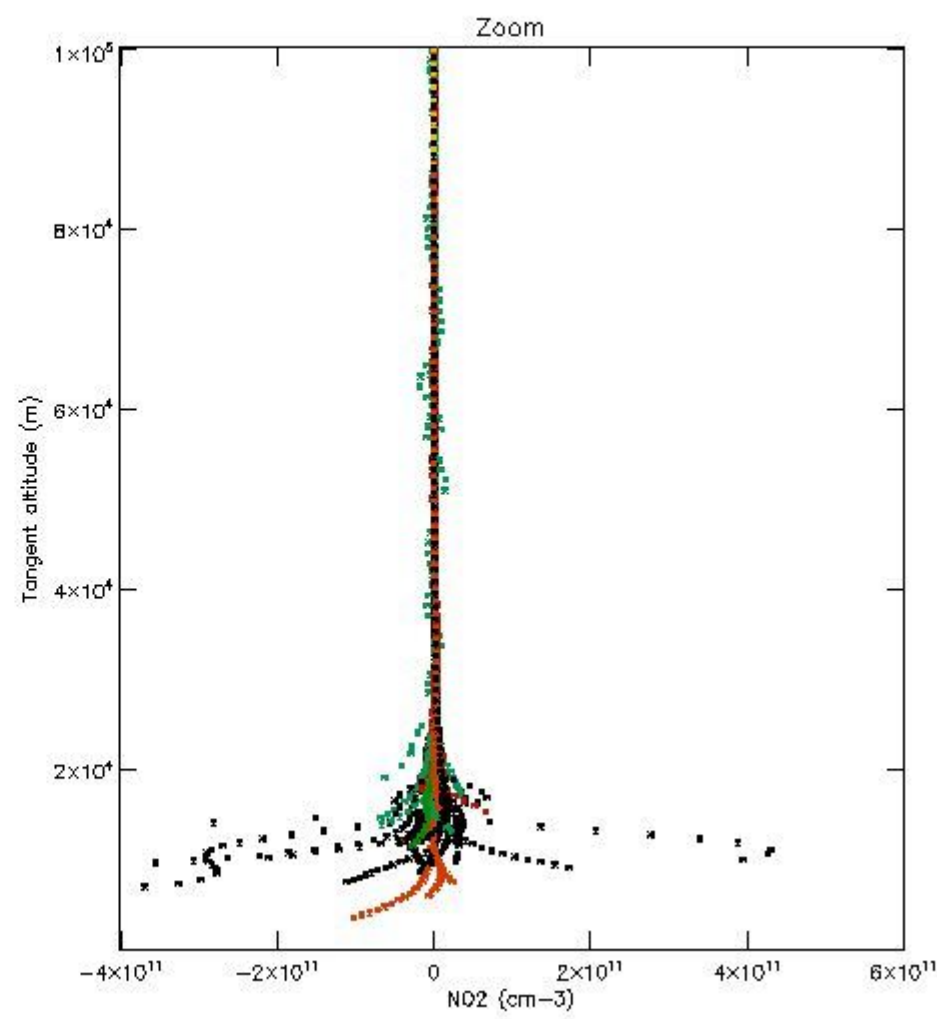
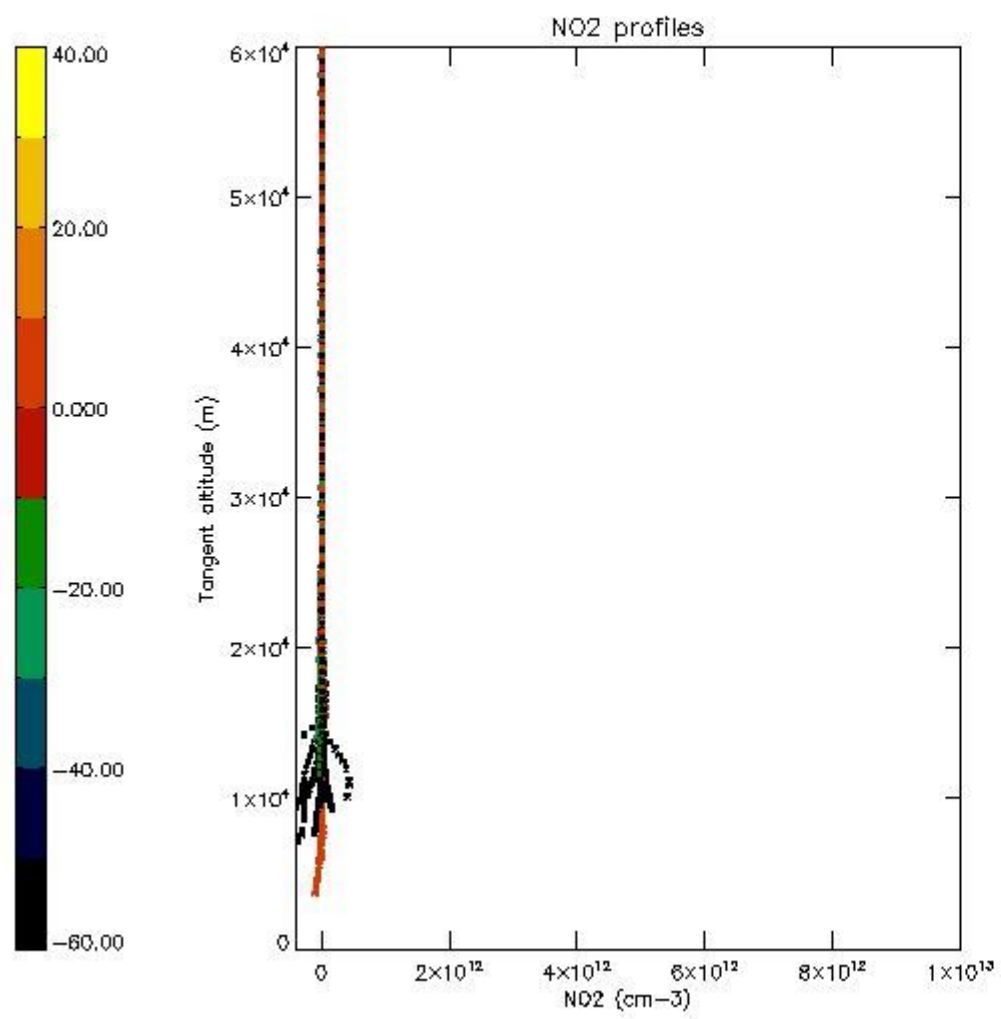
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



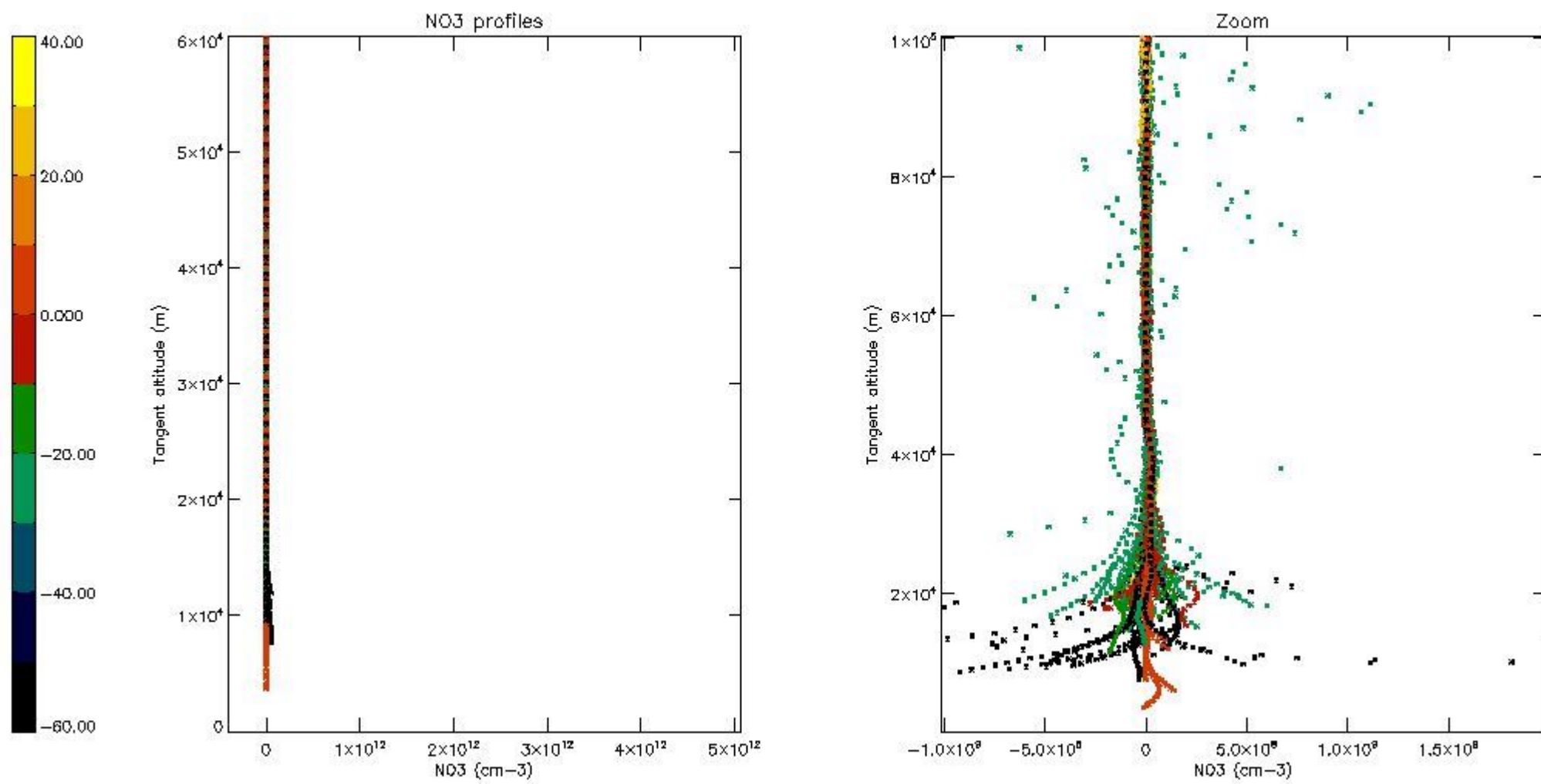
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



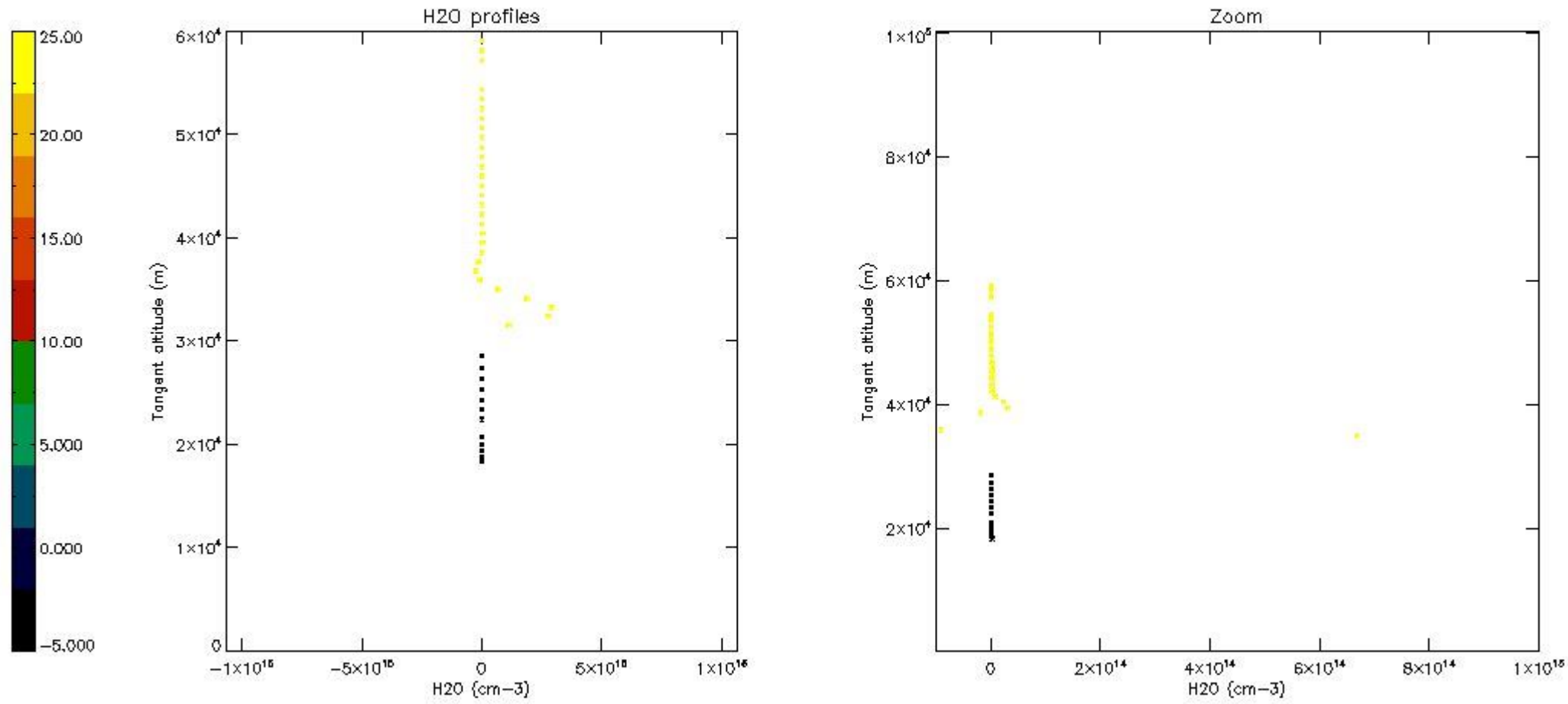
5.7 Plot NO3 profiles for all STD (dark without errors)

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-OCT-2010 00:13:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-OCT-2010 00:13:51
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-OCT-2010 00:13:51

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[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](#)

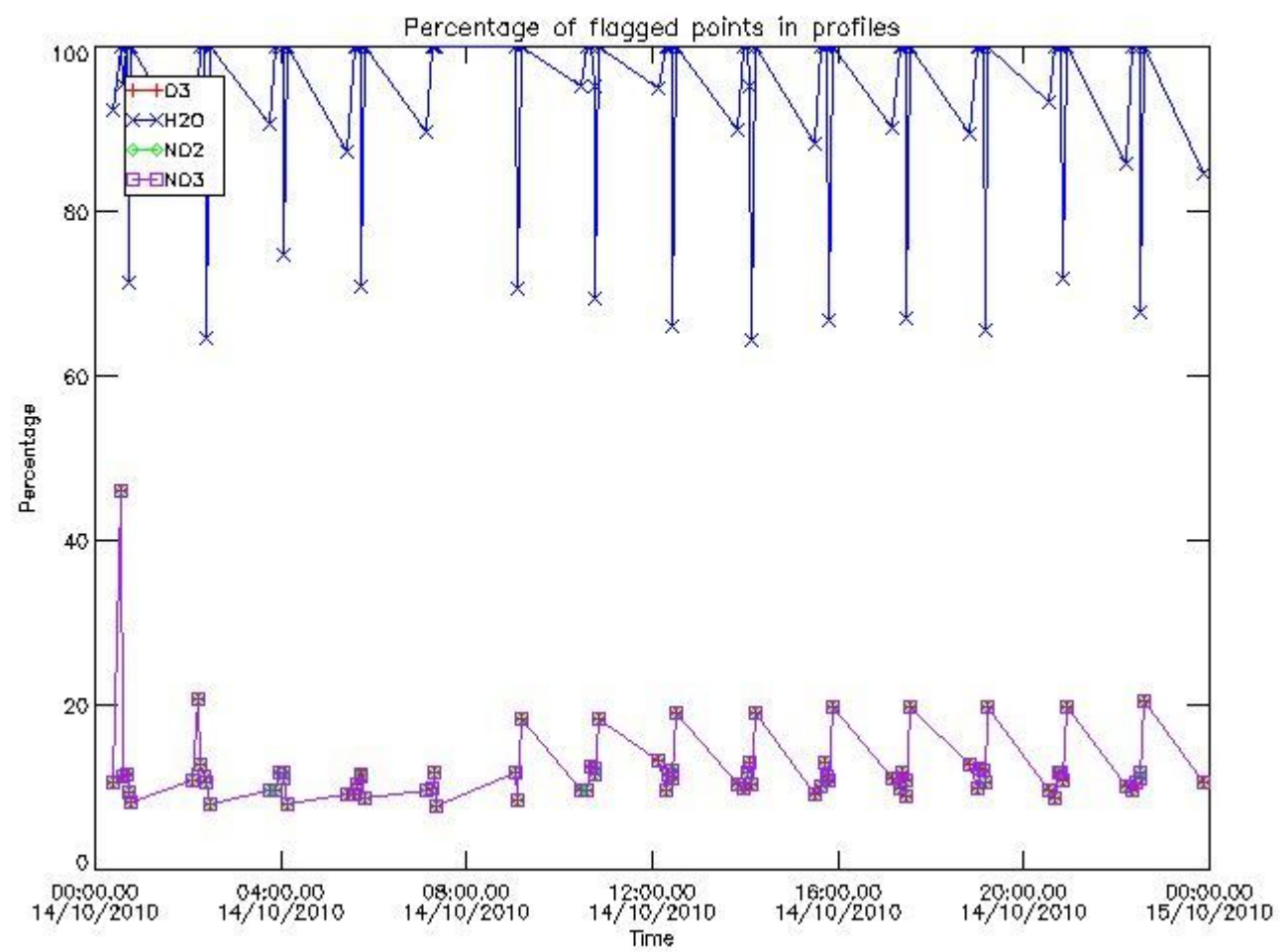
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161	GOM_NL__2PRFIN20101014_195532_000000492093_00443_45086_9327.N1	14-OCT-2010 19:55:32	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	45086	No
162	GOM_NL__2PRFIN20101014_202106_000000412093_00443_45086_9328.N1	14-OCT-2010 20:21:06	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	45086	No
163	GOM_NL__2PRFIN20101014_202420_000000572093_00443_45086_9329.N1	14-OCT-2010 20:24:20	Bright	57.000	22	32Alp Leo	1.3600	15200.	114	45086	No
164	GOM_NL__2PRFIN20101014_203138_000000532093_00443_45086_9330.N1	14-OCT-2010 20:31:38	Dark	52.500	48	30Alp Hya	1.9770	4100.0	105	45086	No
165	GOM_NL__2PRFIN20101014_204021_000000592093_00443_45086_9331.N1	14-OCT-2010 20:40:21	Dark	59.000	132	15Rho Pup	2.8030	6900.0	118	45086	No
166	GOM_NL__2PRFIN20101014_204419_000000432093_00443_45086_9332.N1	14-OCT-2010 20:44:19	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	45086	No
167	GOM_NL__2PRFIN20101014_204834_000000442093_00444_45087_9342.N1	14-OCT-2010 20:48:34	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	45087	No
168	GOM_NL__2PRFIN20101014_204956_000000472093_00444_45087_9343.N1	14-OCT-2010 20:49:56	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	45087	No
169	GOM_NL__2PRFIN20101014_205431_000000262093_00444_45087_9344.N1	14-OCT-2010 20:54:31	Dark	25.500	108	Alp Col	2.6520	15200.	51	45087	No
170	GOM_NL__2PRFIN20101014_210148_000000472093_00444_45087_9345.N1	14-OCT-2010 21:01:48	Straylight	46.500	157	The1Eri	2.9060	9300.0	93	45087	No
171	GOM_NL__2PRFIN20101014_212351_000000482093_00444_45087_9346.N1	14-OCT-2010 21:23:51	Bright	48.000	105	6Bet Ari	2.6450	8900.0	96	45087	No
172	GOM_NL__2PRFIN20101014_212712_000000392093_00444_45087_9347.N1	14-OCT-2010 21:27:12	Bright	39.000	53	43Bet And	2.0480	3300.0	78	45087	No
173	GOM_NL__2PRFIN20101014_212857_000000472093_00444_45087_9348.N1	14-OCT-2010 21:28:57	Bright	46.500	173	4Bet Tri	3.0040	8900.0	93	45087	No
174	GOM_NL__2PRFIN20101014_213047_000000492093_00444_45087_9349.N1	14-OCT-2010 21:30:47	Bright	48.500	73	57Gam1And	2.2600	13100.	97	45087	No
175	GOM_NL__2PRFIN20101014_213403_000000392093_00444_45087_9350.N1	14-OCT-2010 21:34:03	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	45087	No
176	GOM_NL__2PRFIN20101014_213608_000000442093_00444_45087_9351.N1	14-OCT-2010 21:36:08	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	45087	No
177	GOM_NL__2PRFIN20101014_220142_000000432093_00444_45087_9352.N1	14-OCT-2010 22:01:42	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	45087	No
178	GOM_NL__2PRFIN20101014_220456_000000392093_00444_45087_9353.N1	14-OCT-2010 22:04:56	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	45087	No
179	GOM_NL__2PRFIN20101014_221214_000000502093_00444_45087_9354.N1	14-OCT-2010 22:12:14	Dark	50.000	48	30Alp Hya	1.9770	4100.0	100	45087	No
180	GOM_NL__2PRFIN20101014_222059_000000532093_00444_45087_9355.N1	14-OCT-2010 22:20:59	Dark	52.500	132	15Rho Pup	2.8030	6900.0	105	45087	No
181	GOM_NL__2PRFIN20101014_222456_000000482093_00444_45087_9356.N1	14-OCT-2010 22:24:56	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45087	No
182	GOM_NL__2PRFIN20101014_222911_000000442093_00445_45088_9382.N1	14-OCT-2010 22:29:11	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	45088	No
183	GOM_NL__2PRFIN20101014_223032_000000462093_00445_45088_9383.N1	14-OCT-2010 22:30:32	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	45088	No
184	GOM_NL__2PRFIN20101014_223508_000000252093_00445_45088_9384.N1	14-OCT-2010 22:35:08	Dark	25.000	108	Alp Col	2.6520	15200.	50	45088	No
185	GOM_NL__2PRFIN20101014_224224_000000452093_00445_45088_9385.N1	14-OCT-2010 22:42:24	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	45088	No
186	GOM_NL__2PRFIN20101014_230427_000000492093_00445_45088_9386.N1	14-OCT-2010 23:04:27	Bright	48.500	105	6Bet Ari	2.6450	8900.0	97	45088	No
187	GOM_NL__2PRFIN20101014_230747_000000412093_00445_45088_9387.N1	14-OCT-2010 23:07:47	Bright	41.000	53	43Bet And	2.0480	3300.0	82	45088	No
188	GOM_NL__2PRFIN20101014_230932_000000462093_00445_45088_9388.N1	14-OCT-2010 23:09:32	Bright	45.500	173	4Bet Tri	3.0040	8900.0	91	45088	No
189	GOM_NL__2PRFIN20101014_231122_000000472093_00445_45088_9389.N1	14-OCT-2010 23:11:22	Bright	47.000	73	57Gam1And	2.2600	13100.	94	45088	No
190	GOM_NL__2PRFIN20101014_231438_000000382093_00445_45088_9390.N1	14-OCT-2010 23:14:38	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	45088	No
191	GOM_NL__2PRFIN20101014_231642_000000482093_00445_45088_9391.N1	14-OCT-2010 23:16:42	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	45088	No
192	GOM_NL__2PRFIN20101014_234218_000000422093_00445_45088_9392.N1	14-OCT-2010 23:42:18	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	45088	No
193	GOM_NL__2PRFIN20101014_234532_000000392093_00445_45088_9393.N1	14-OCT-2010 23:45:32	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	45088	No
194	GOM_NL__2PRFIN20101014_235251_000000532093_00445_45088_9394.N1	14-OCT-2010 23:52:51	Dark	52.500	48	30Alp Hya	1.9770	4100.0	105	45088	No

3. Quality information per product

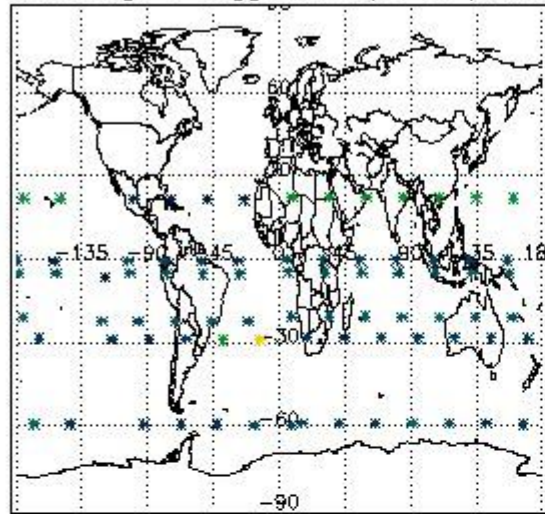
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

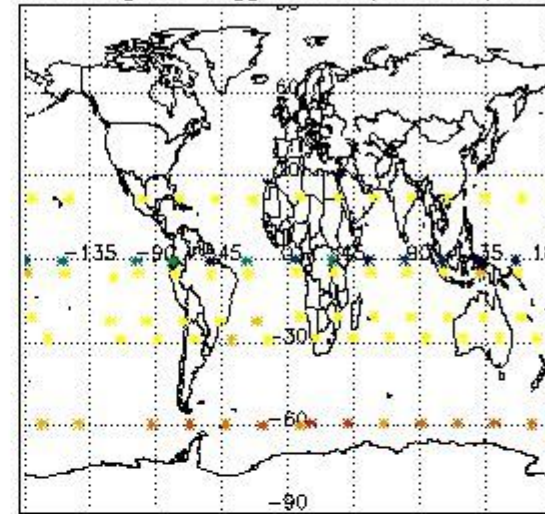


3.2 Plot quality information per product (world map)

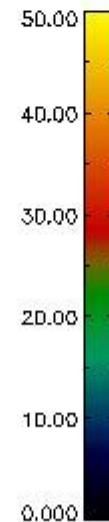
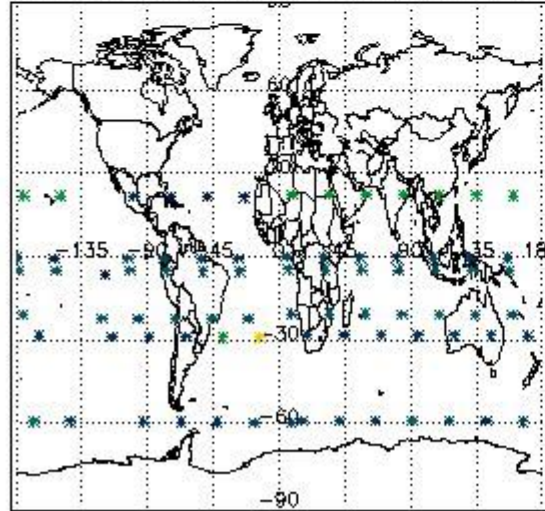
Percentage of flagged data per O3 profile



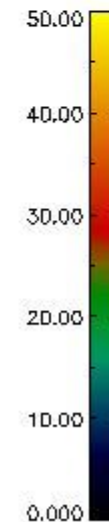
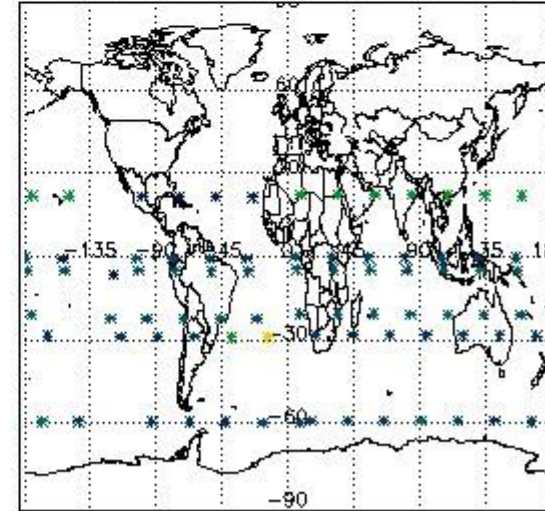
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

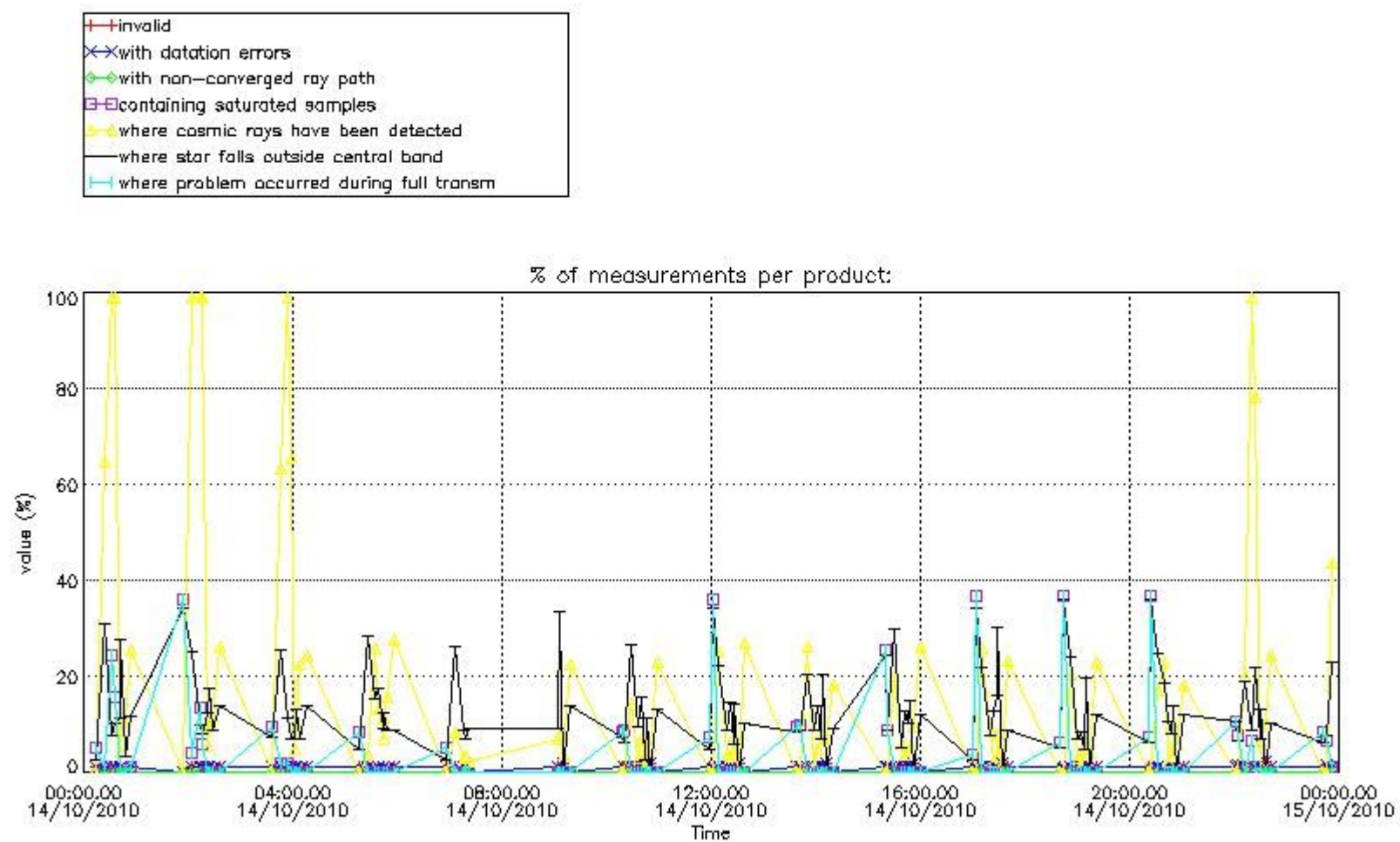


4. Level 1 quality information per product

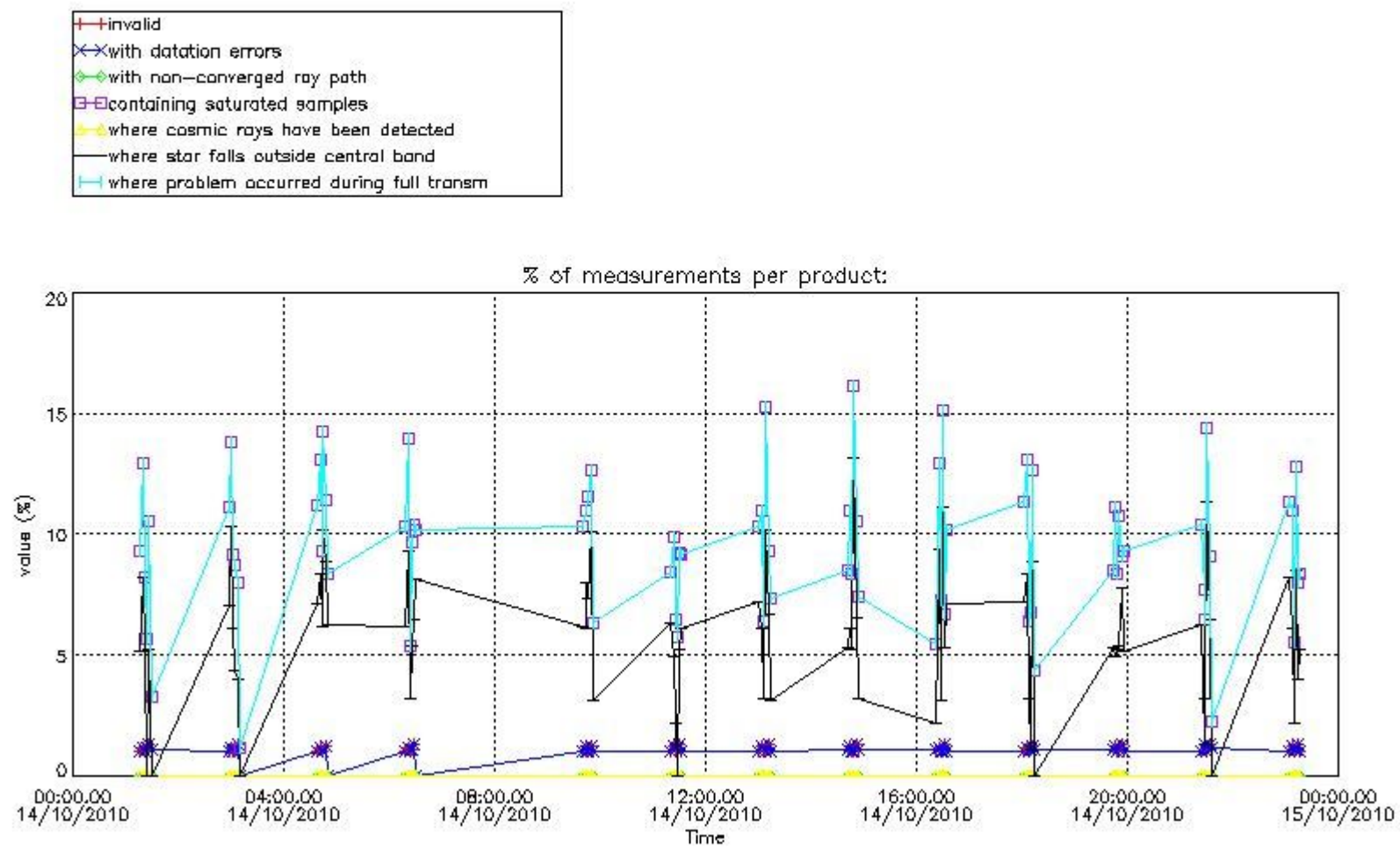
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



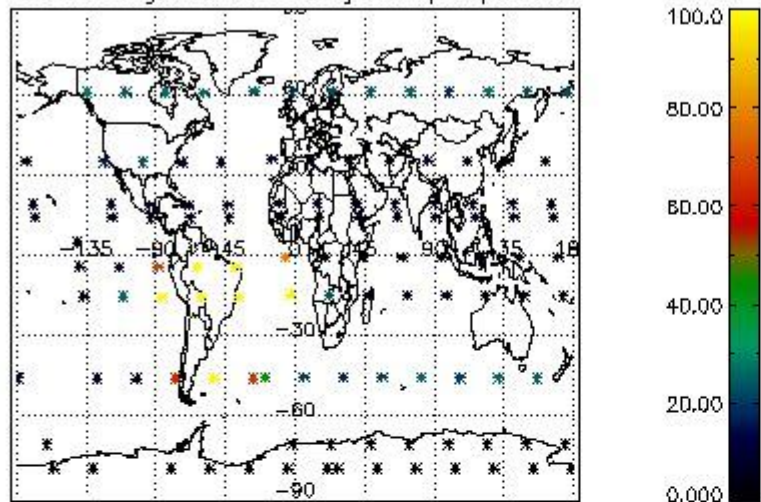
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



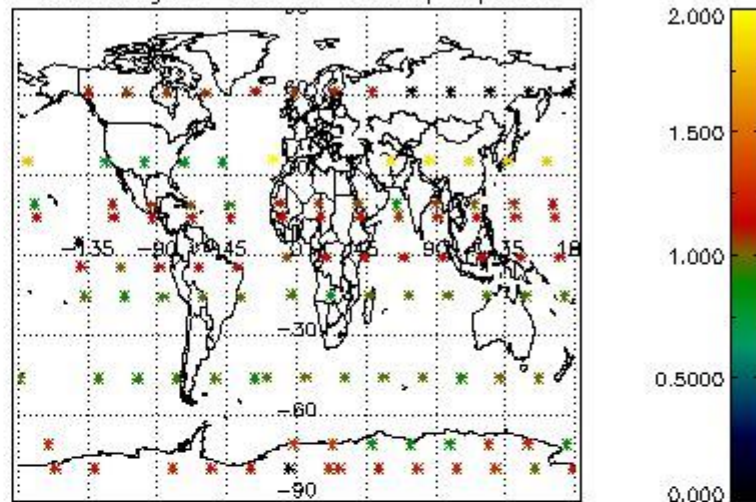
4.2 Plot quality information per product coming from level 1b processing (world map)

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

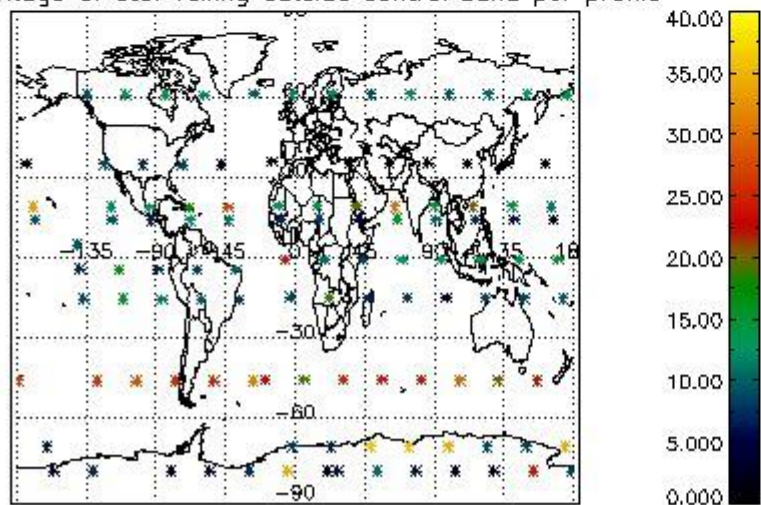
Percentage of cosmic ray hits per profile



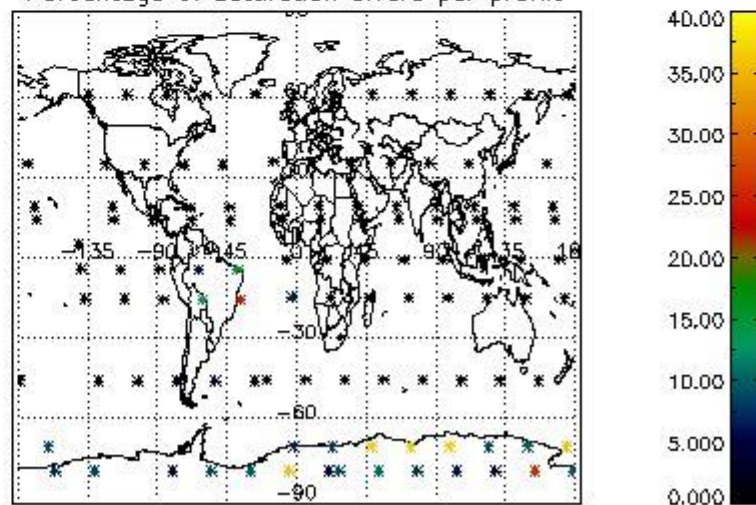
Percentage of datation errors per profile



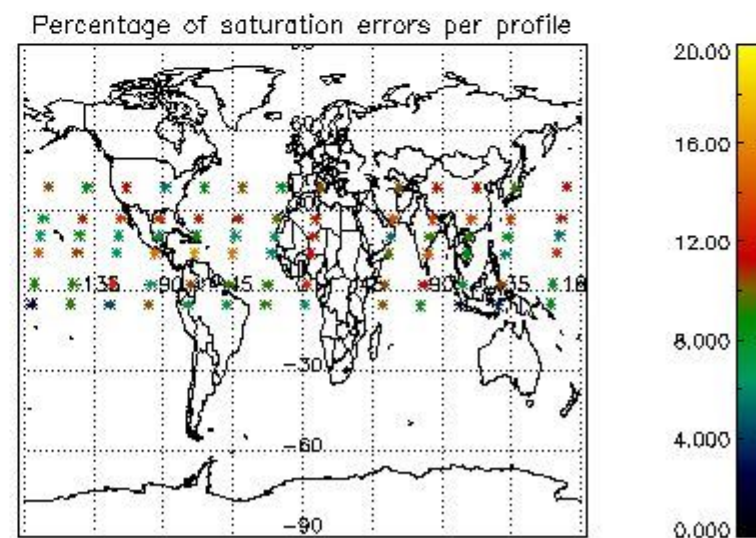
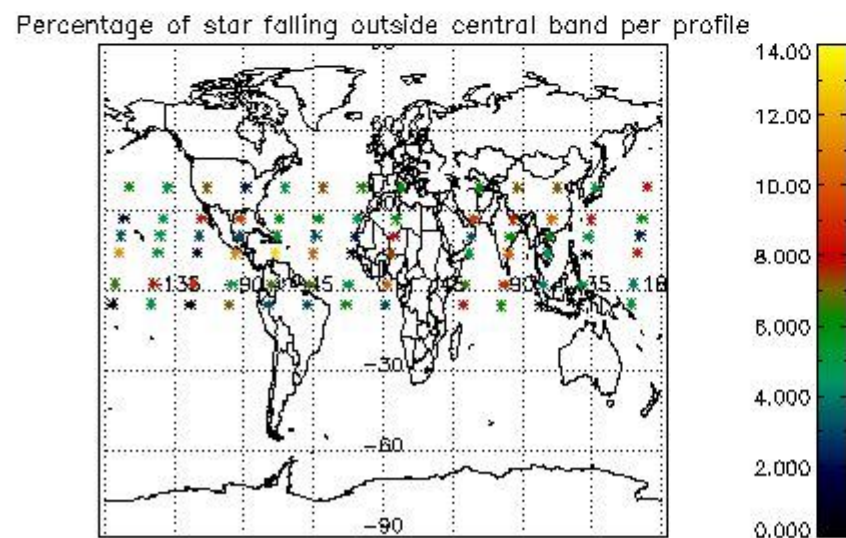
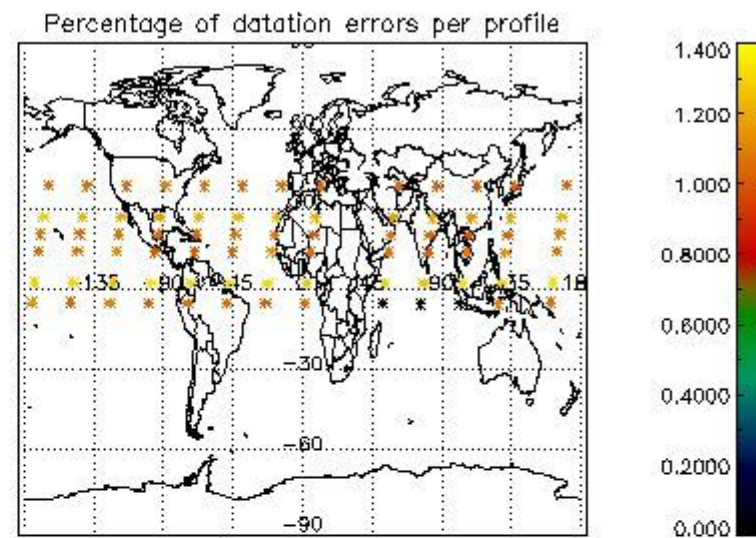
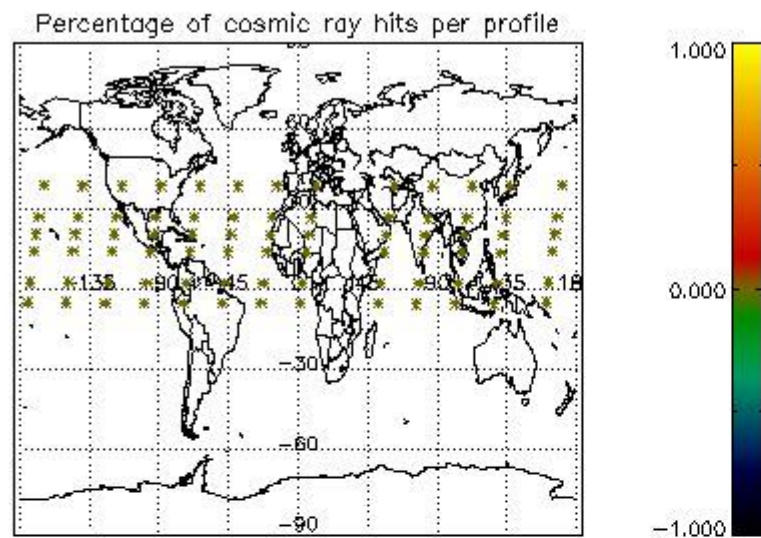
Percentage of star falling outside central band per profile



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

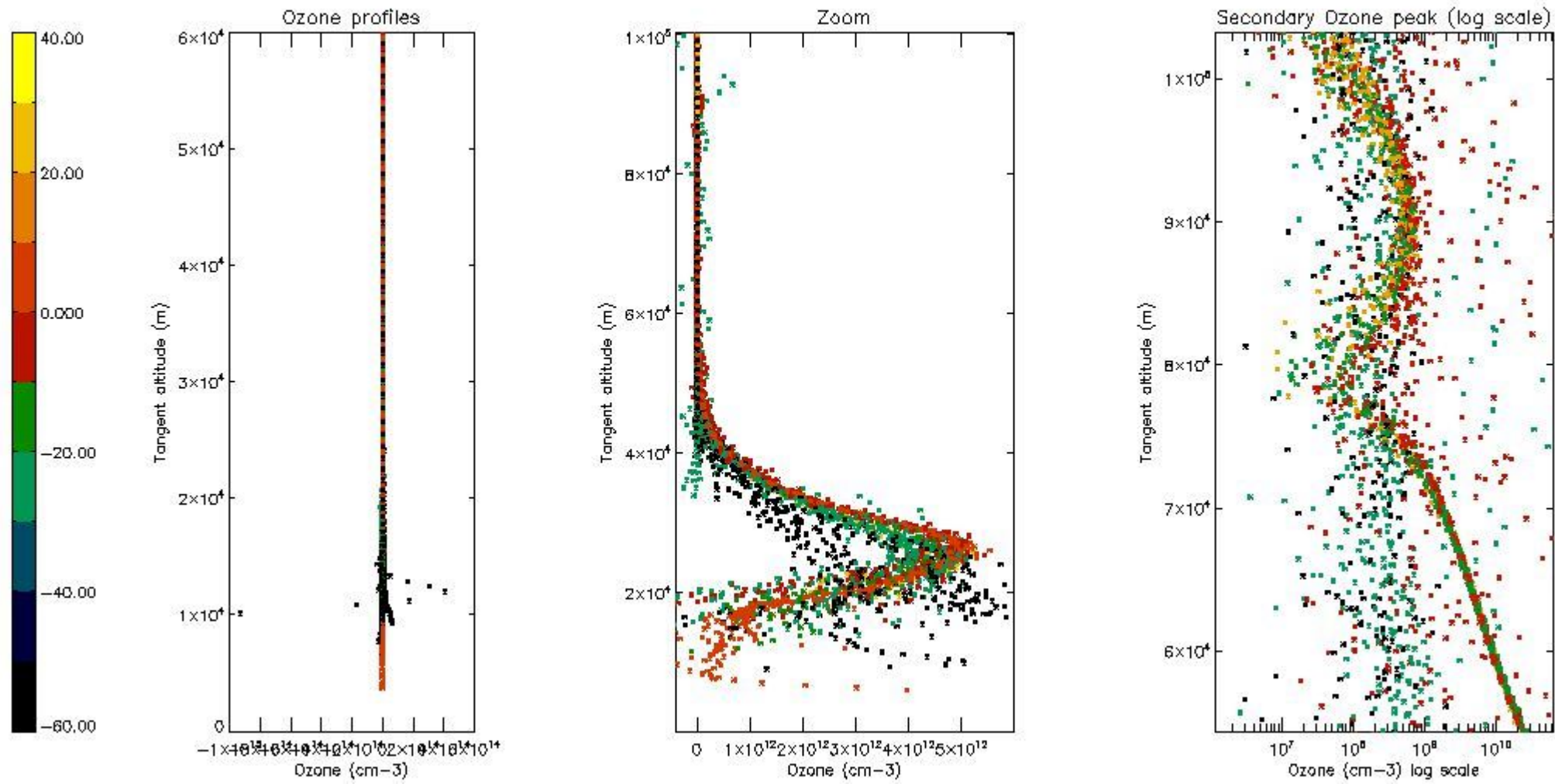
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	19

STD < 10	13
STD < 5	9

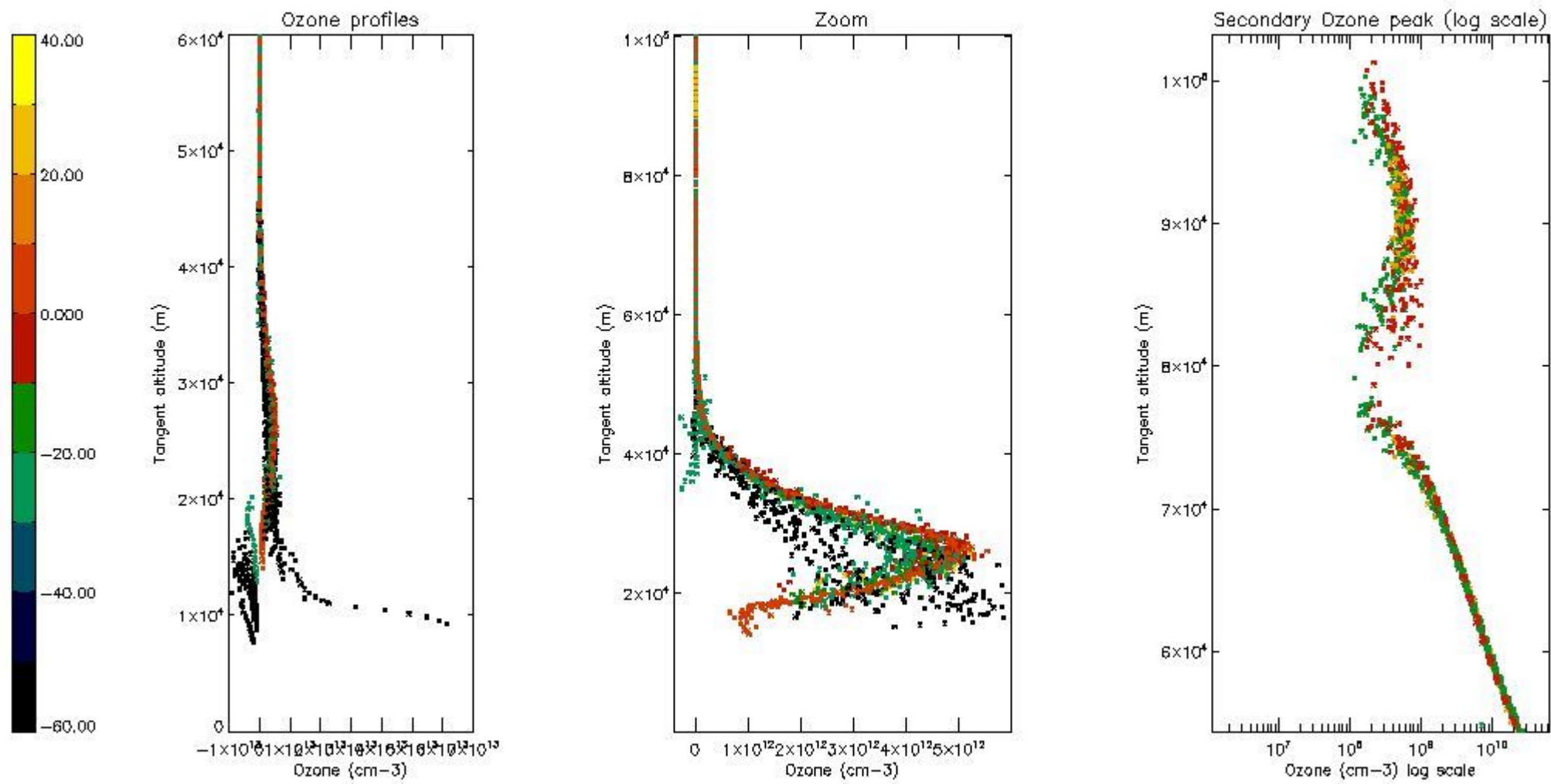
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



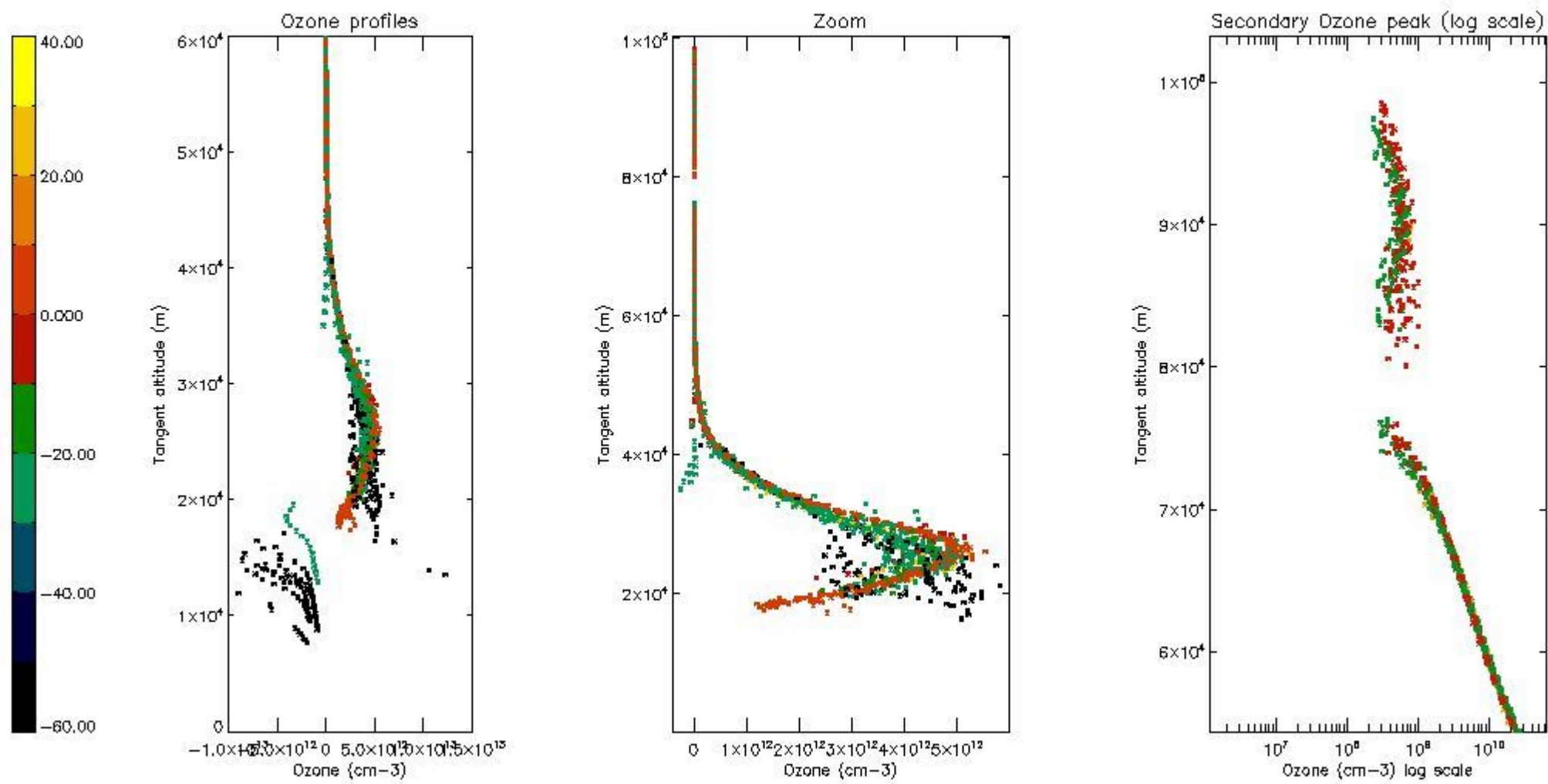
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



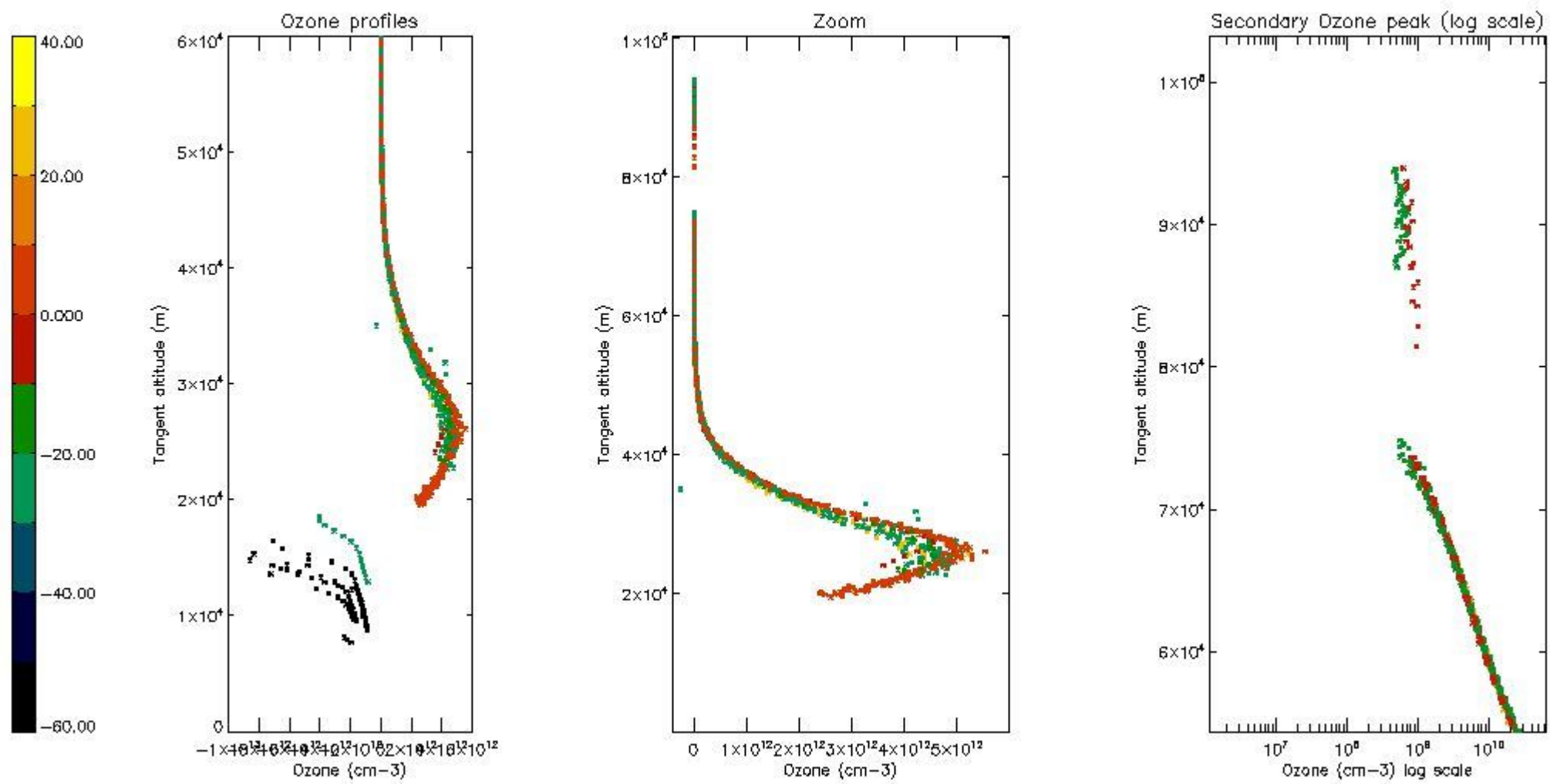
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



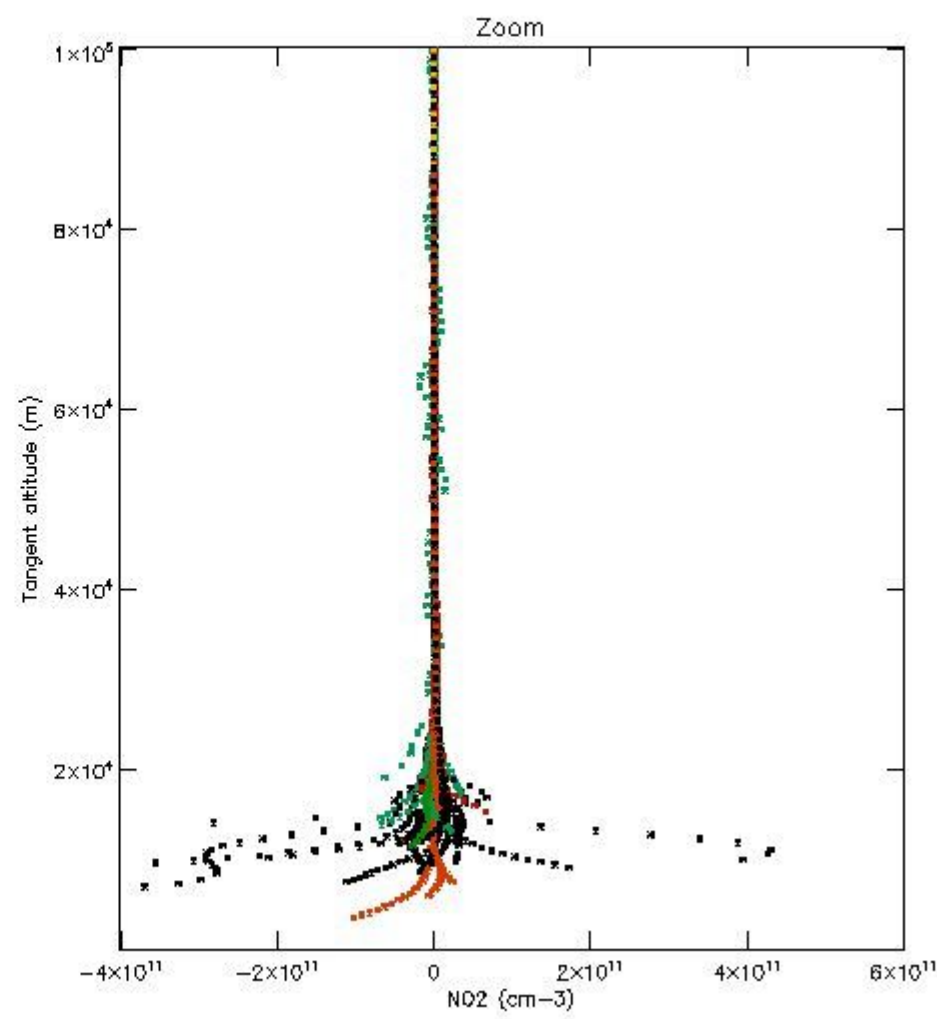
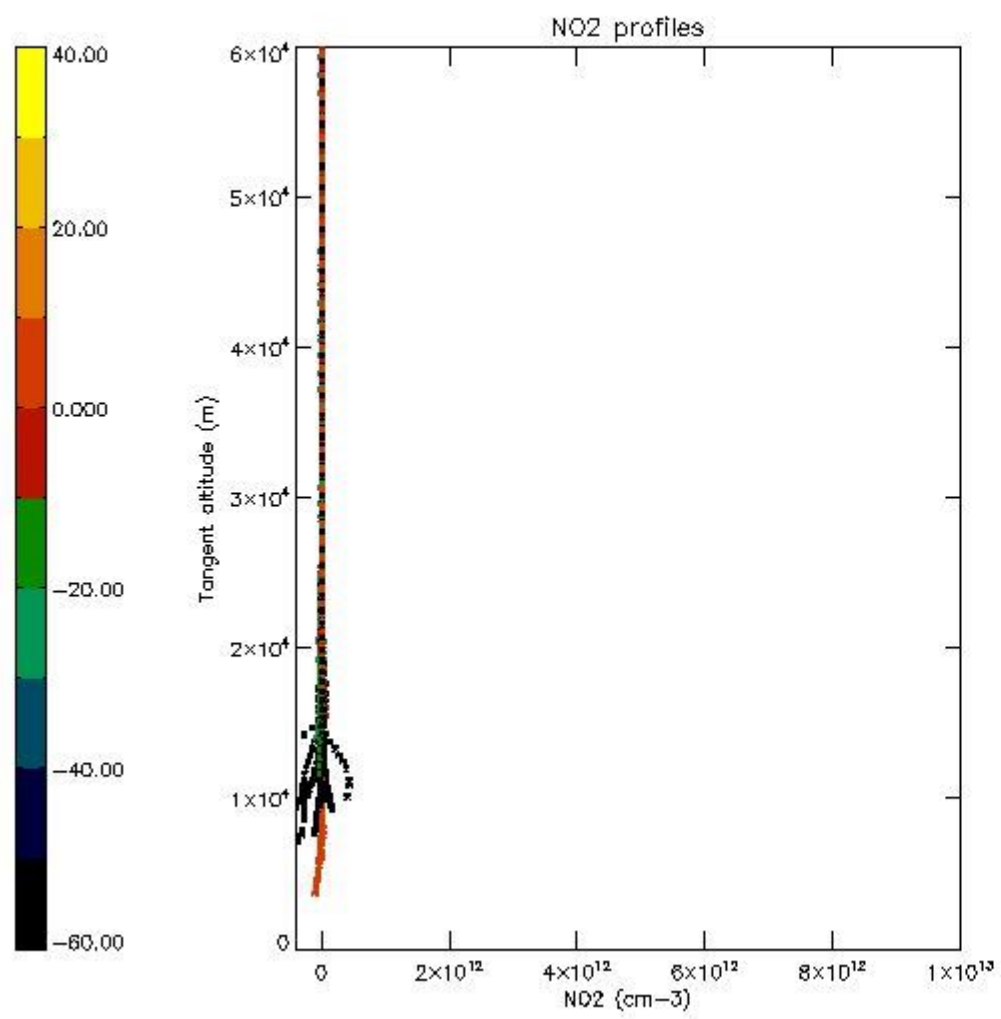
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



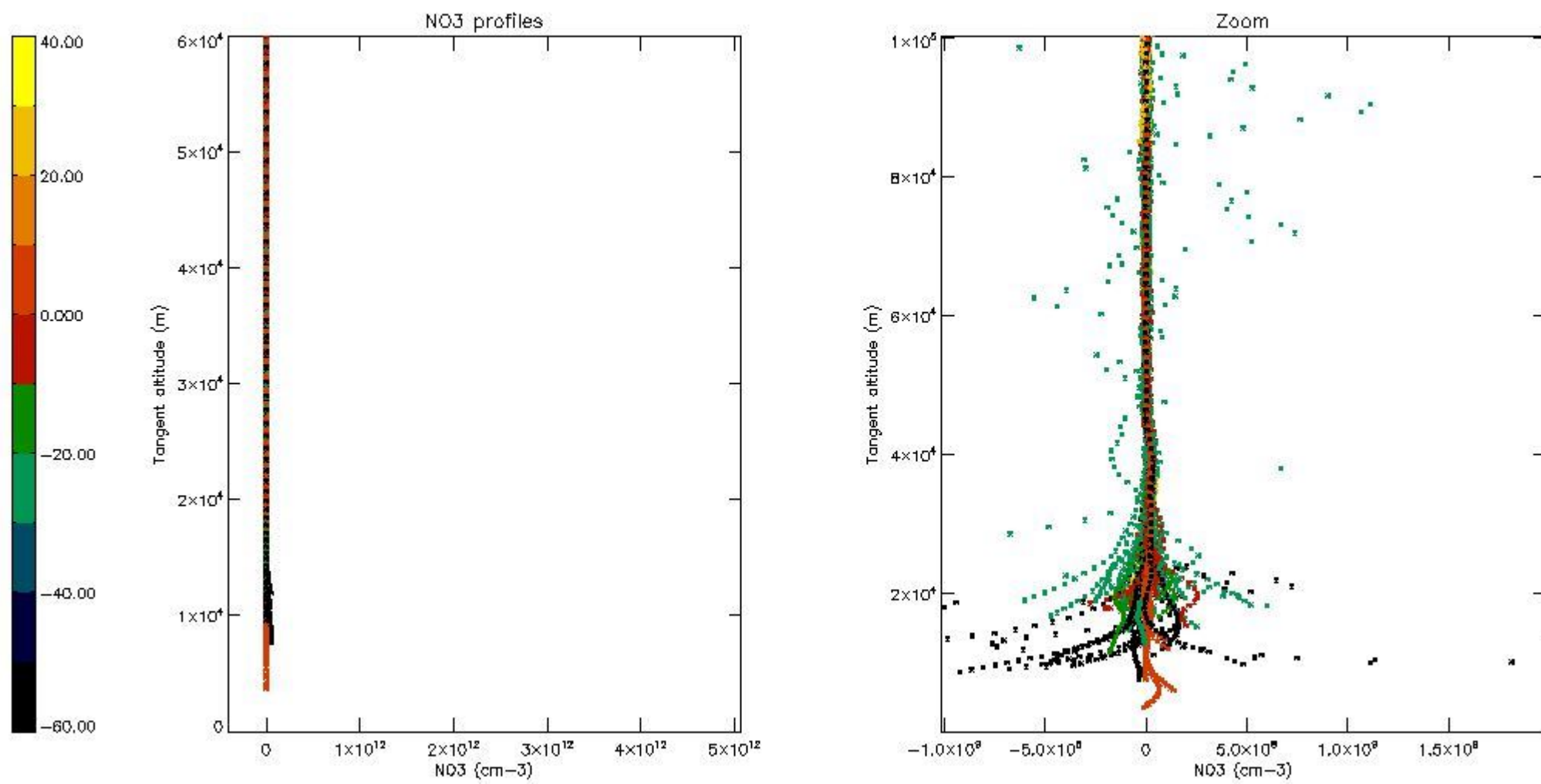
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



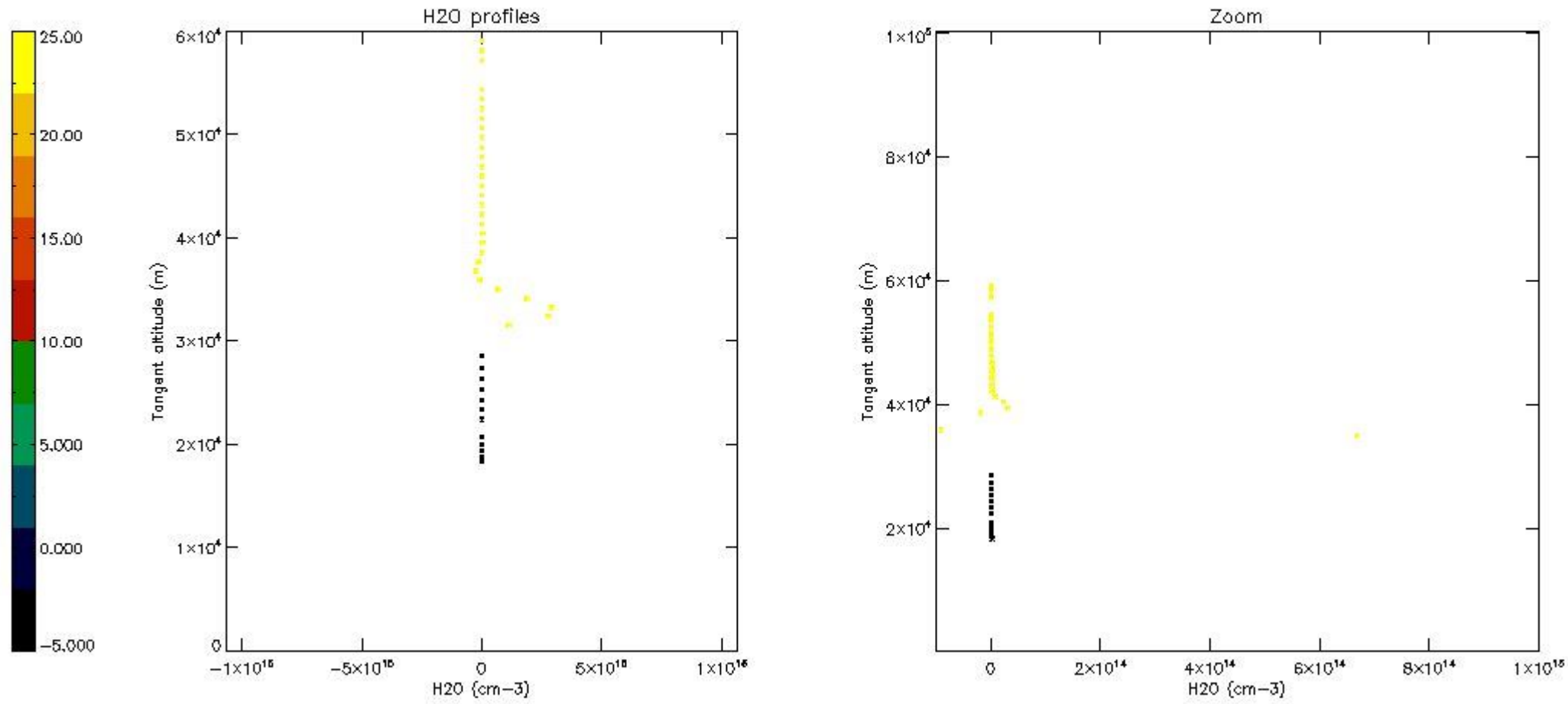
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

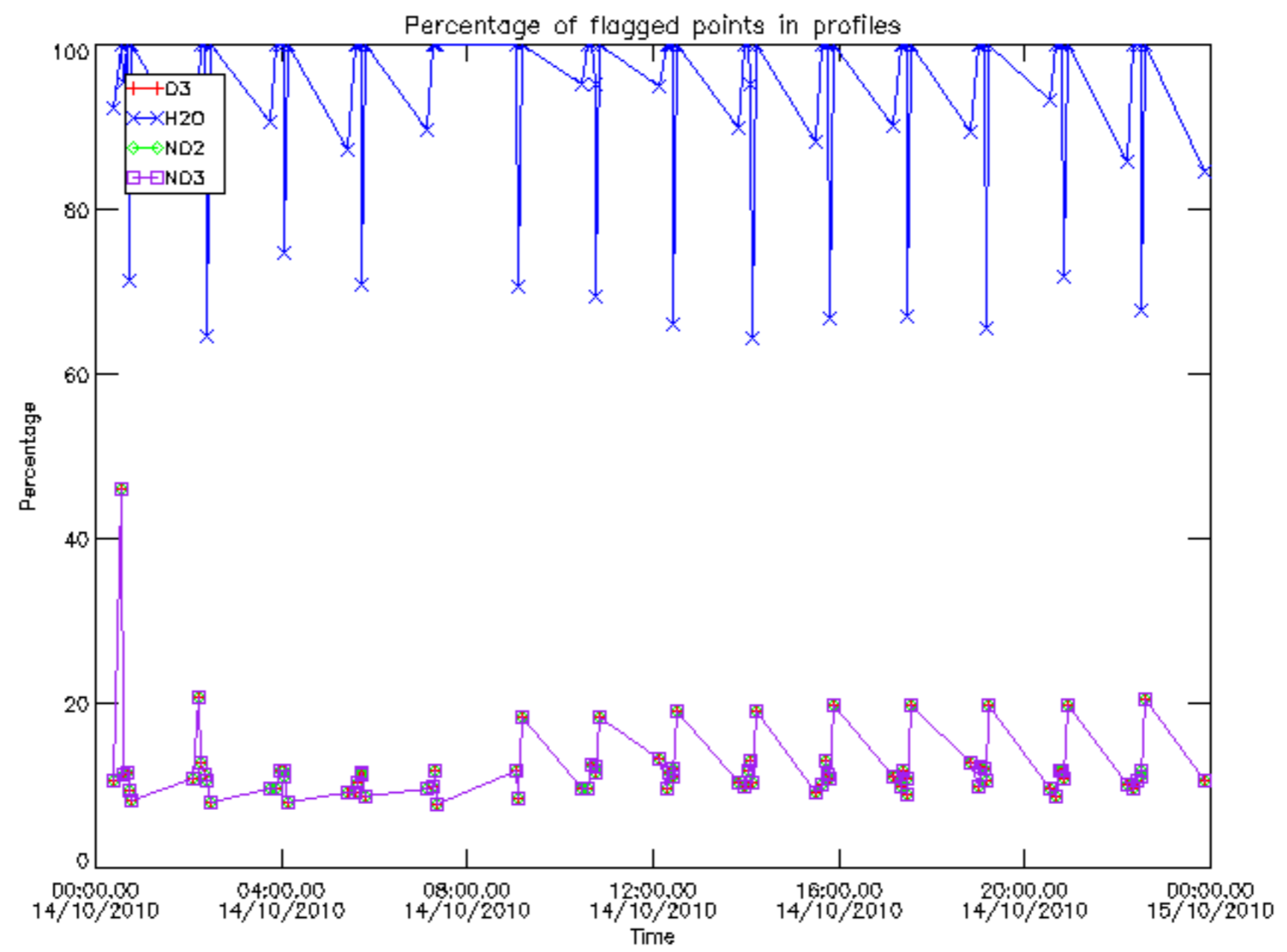
The colorbar represents the latitude.



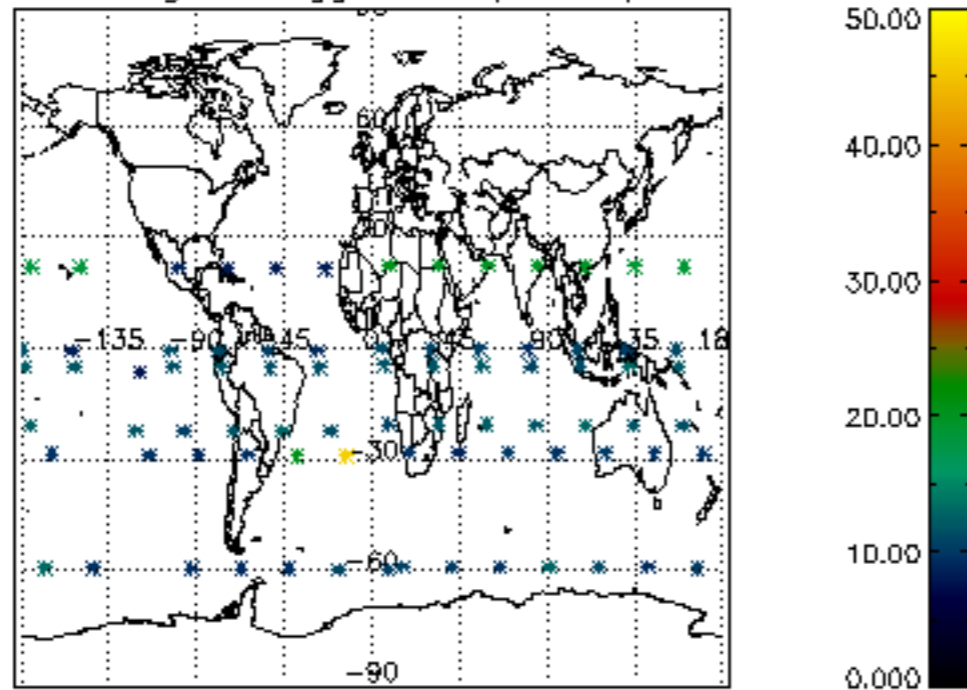
6. Auxiliary Data Files used for the production reported in section 2

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.

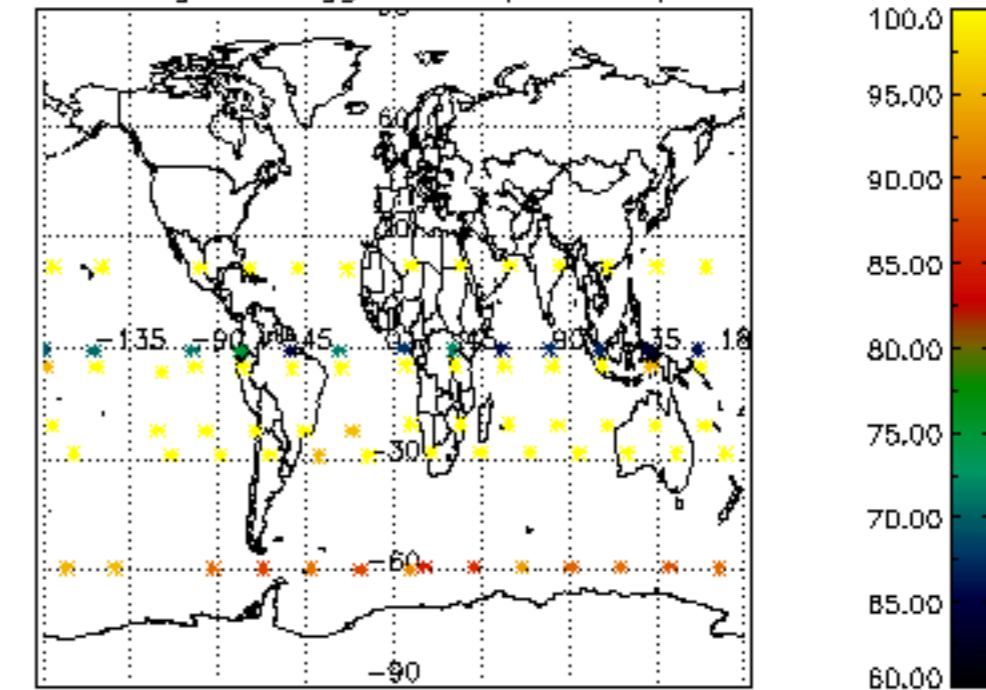
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-OCT-2010 00:13:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-OCT-2010 00:13:51
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-OCT-2010 00:13:51



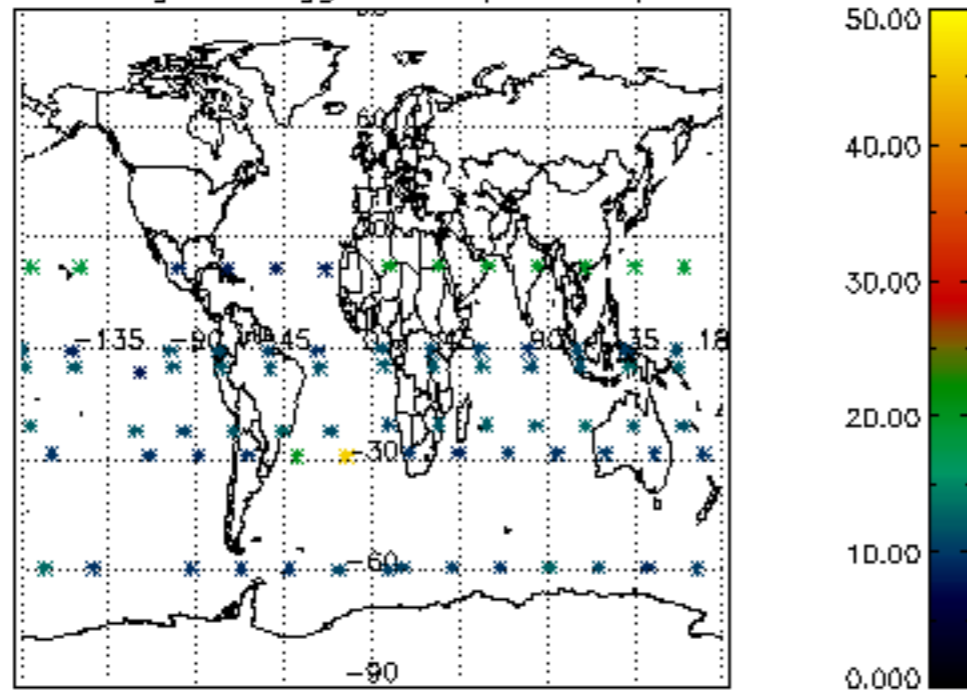
Percentage of flagged data per D3 profile



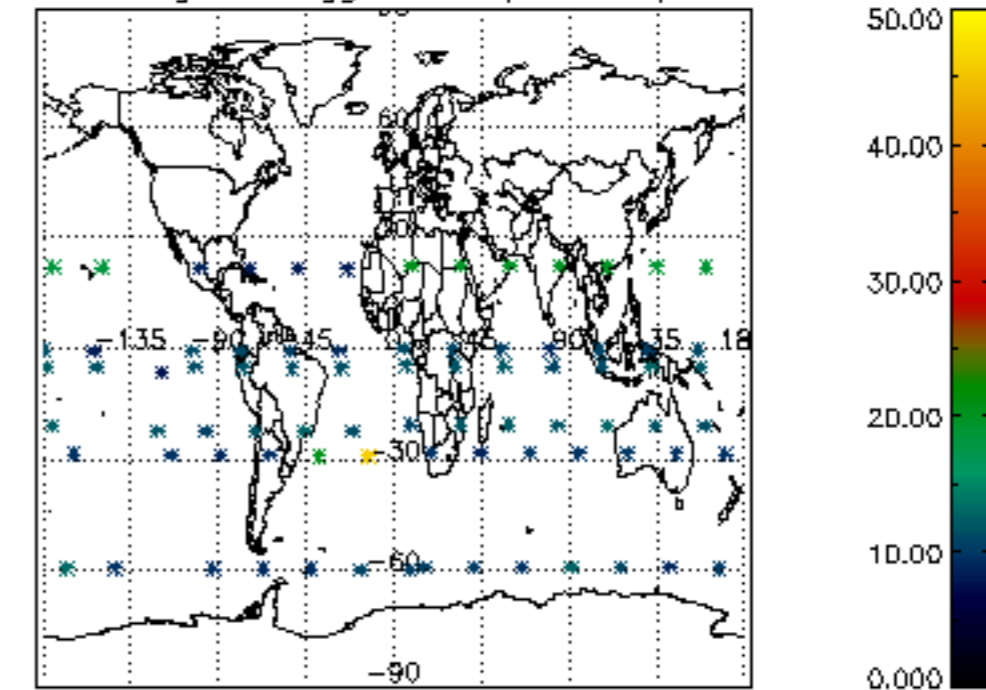
Percentage of flagged data per H2O profile

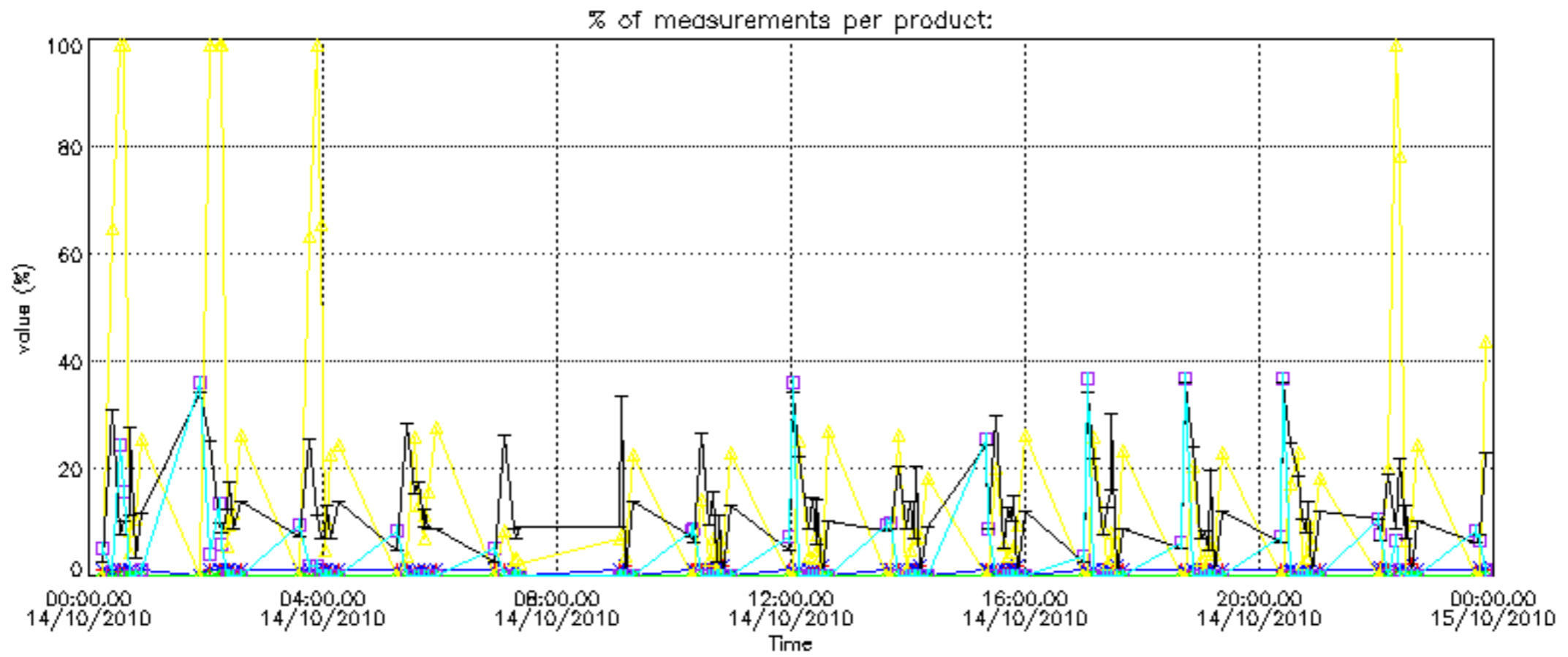


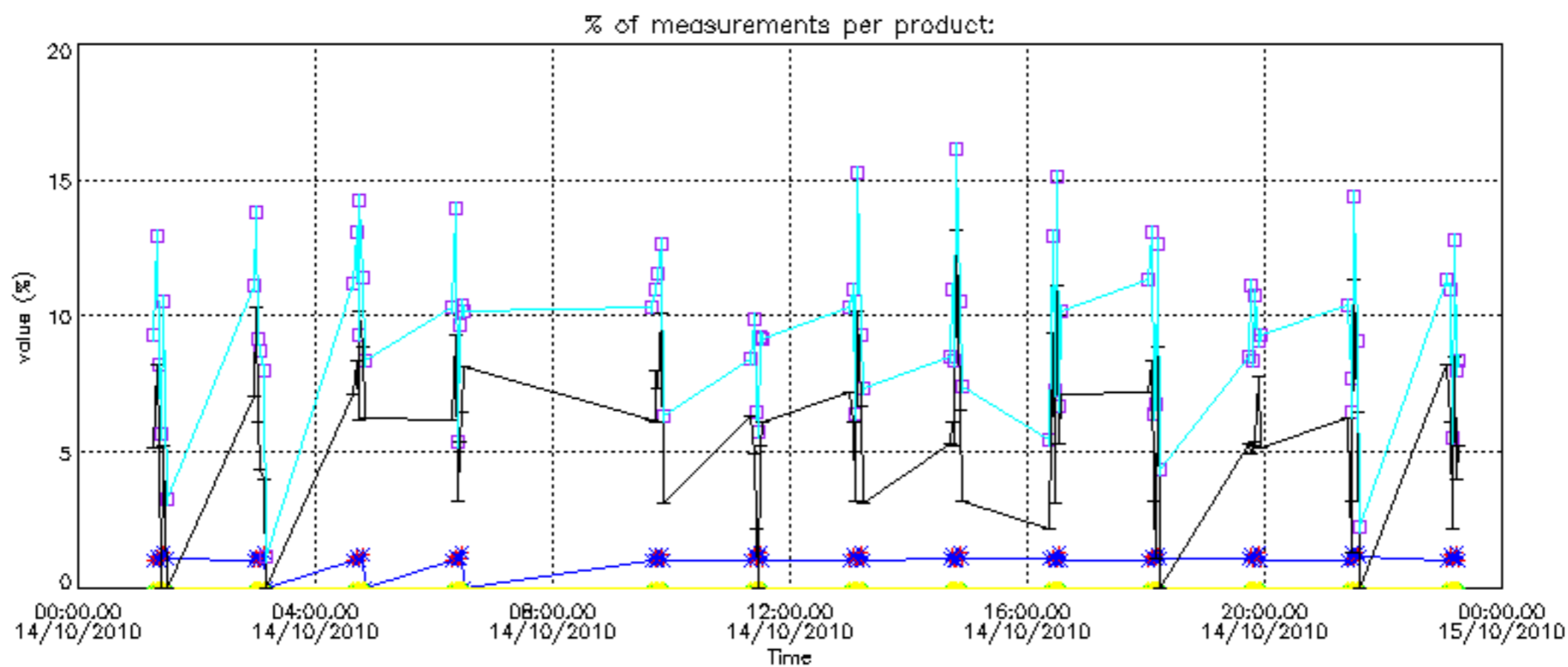
Percentage of flagged data per NO2 profile



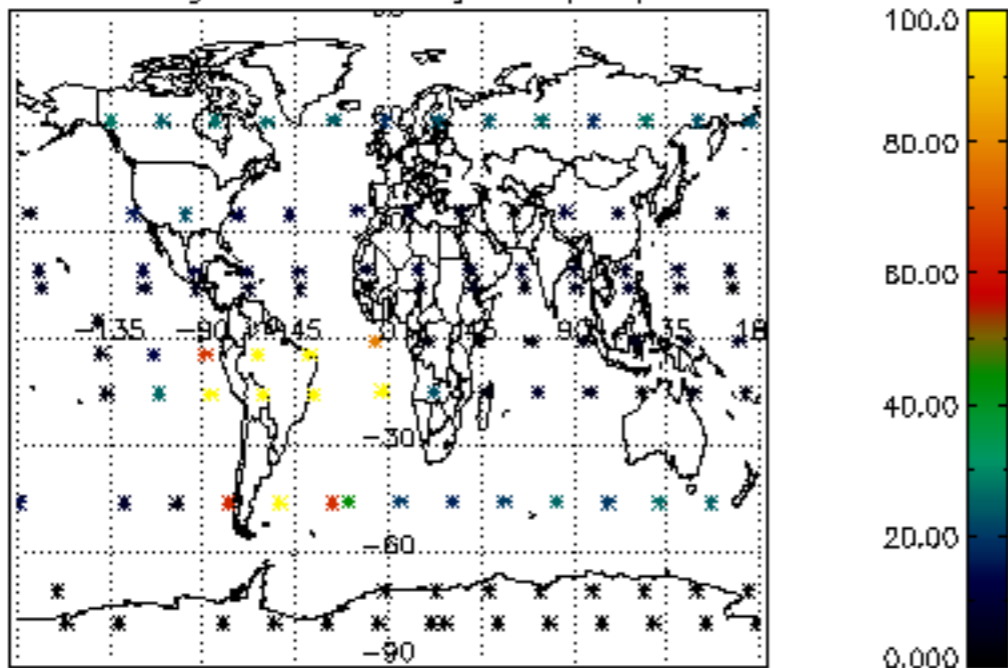
Percentage of flagged data per NO3 profile



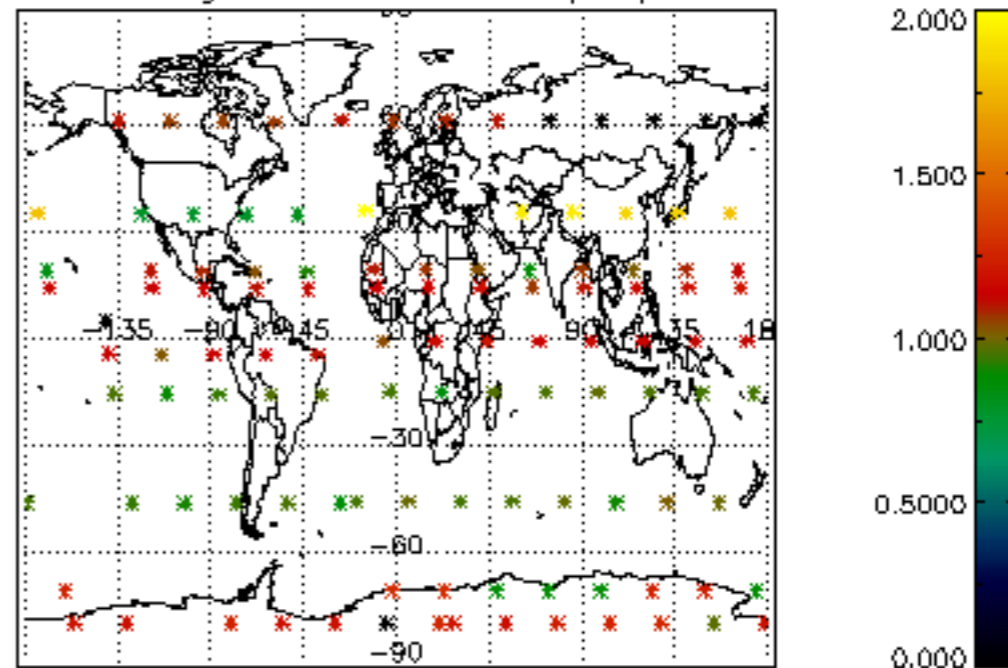




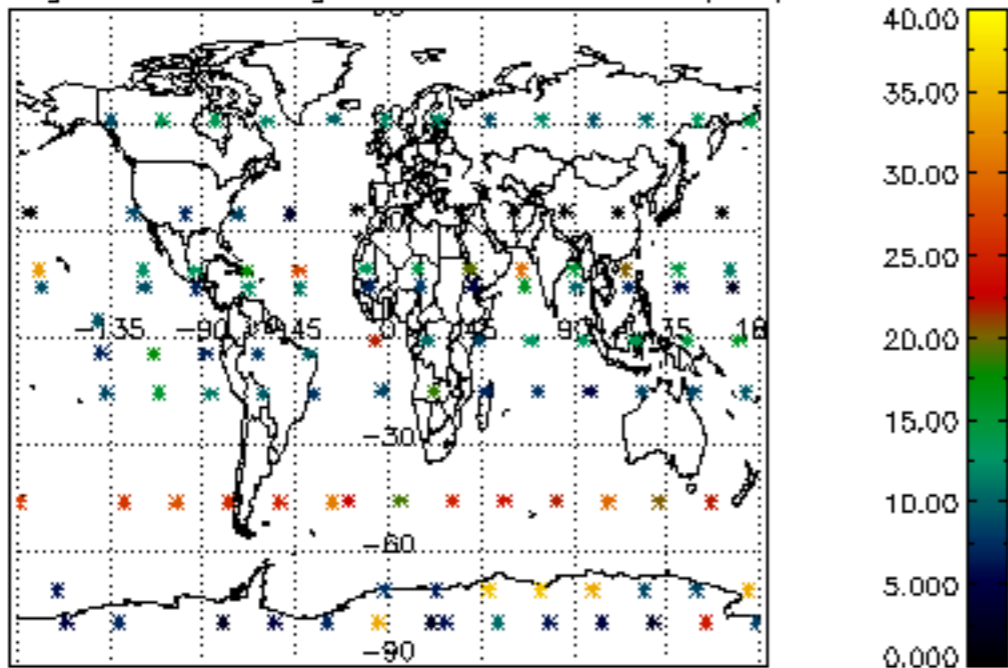
Percentage of cosmic ray hits per profile



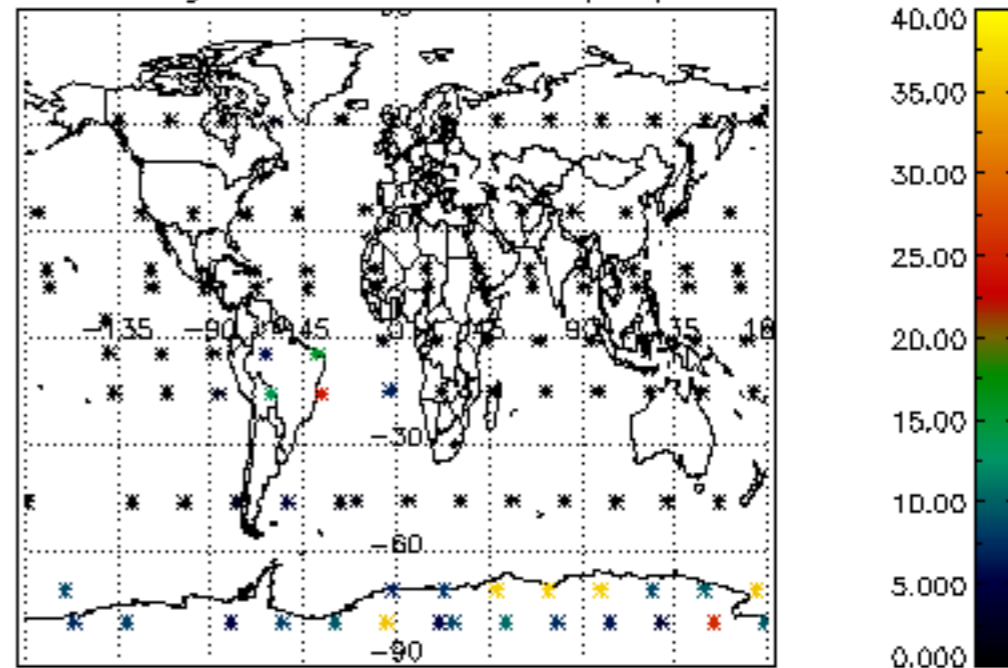
Percentage of datation errors per profile



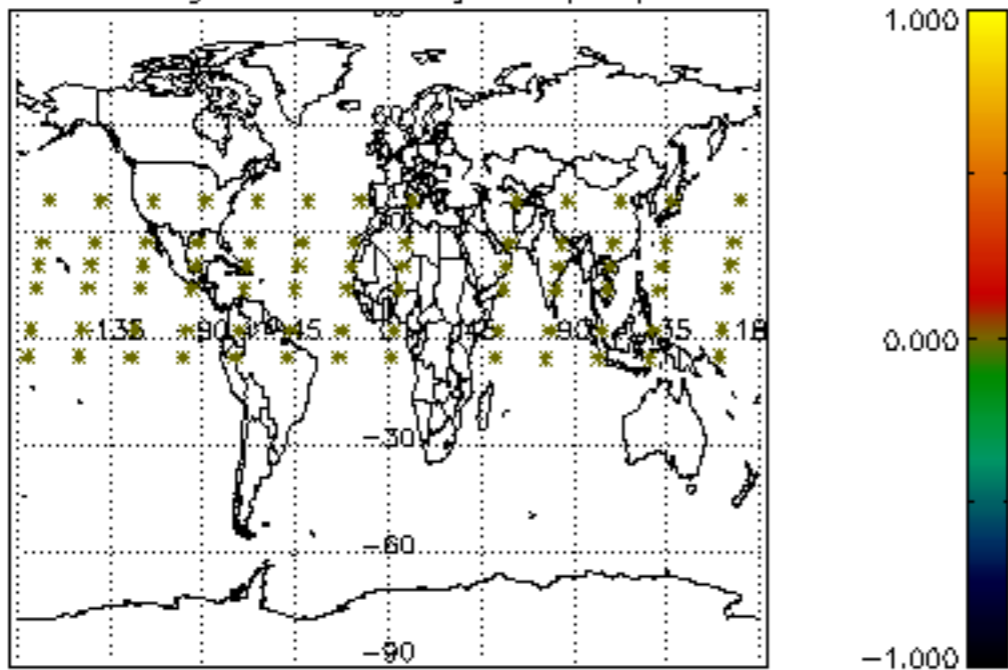
Percentage of star falling outside central band per profile



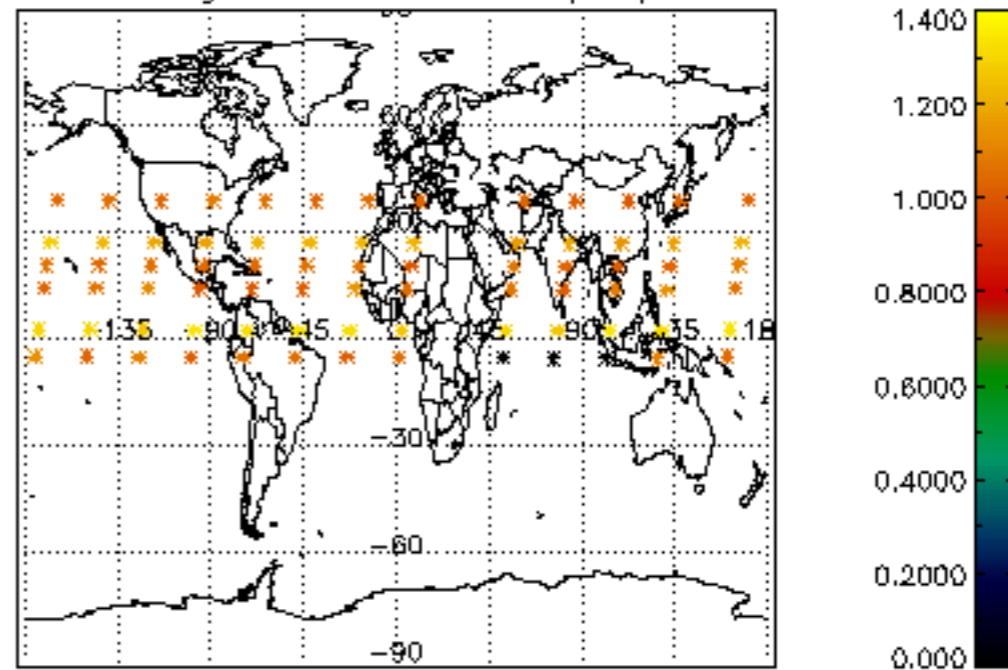
Percentage of saturation errors per profile



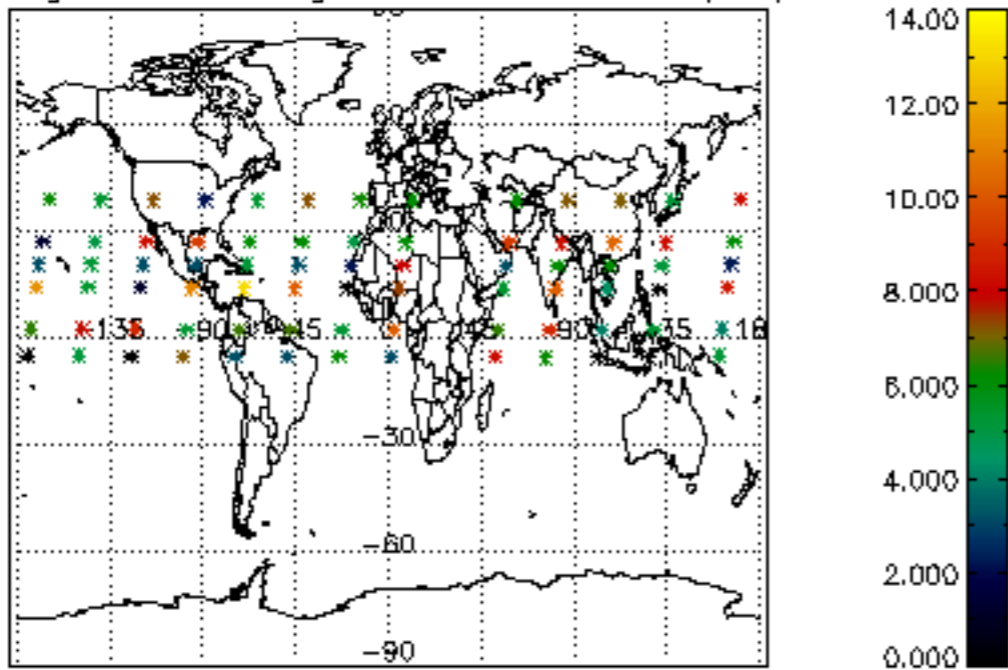
Percentage of cosmic ray hits per profile



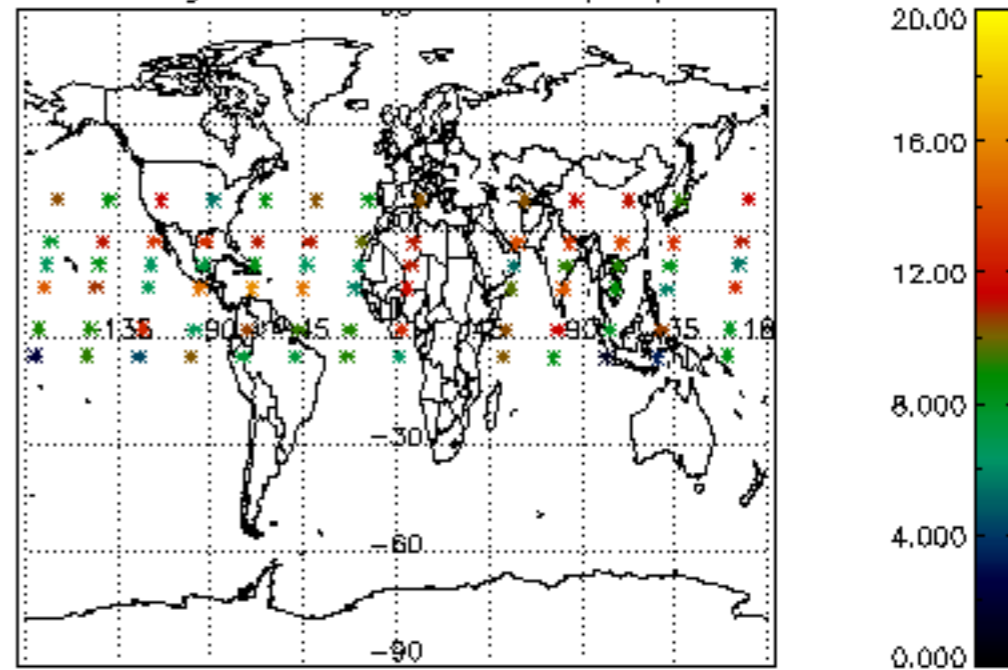
Percentage of datation errors per profile

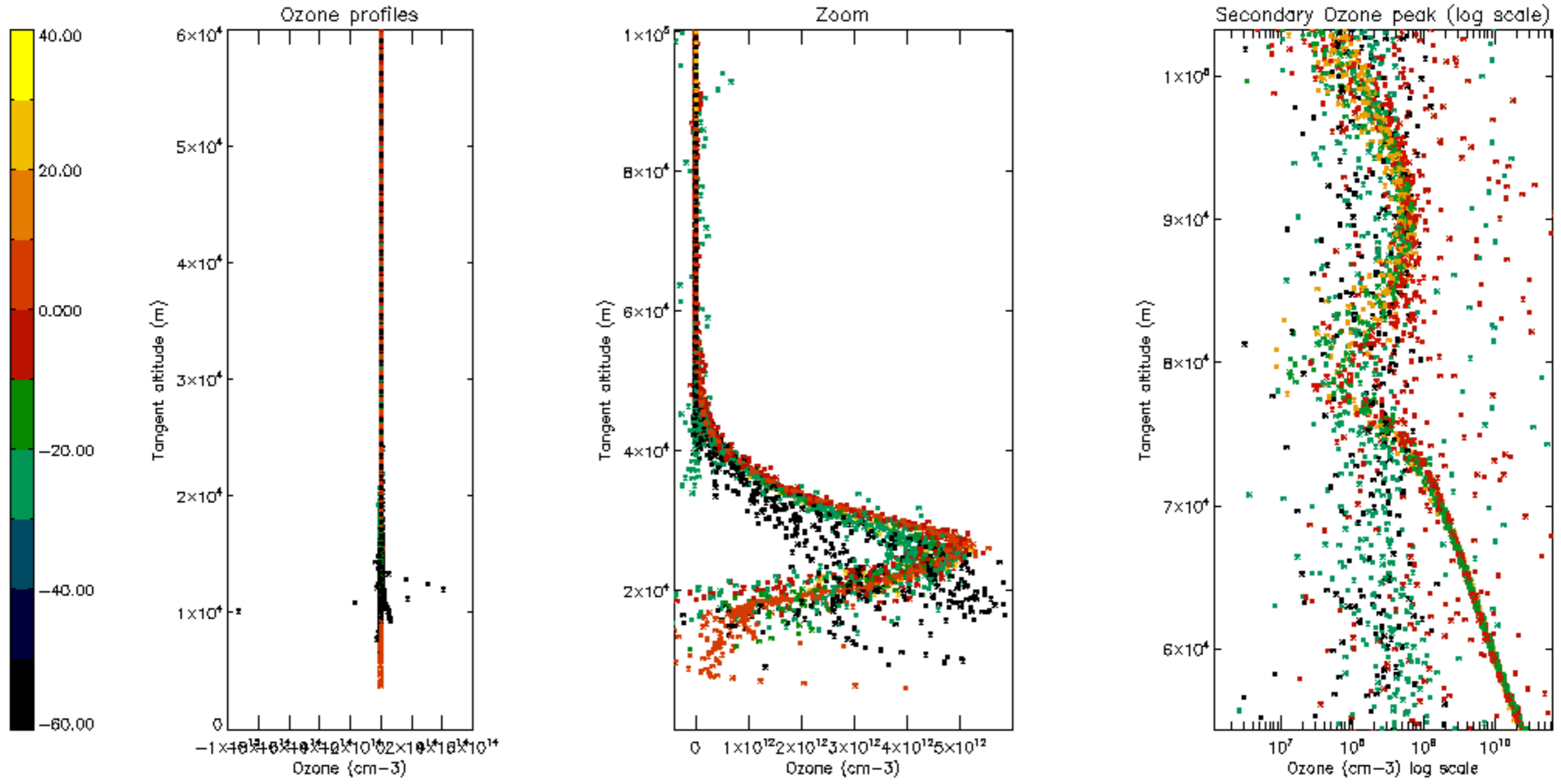


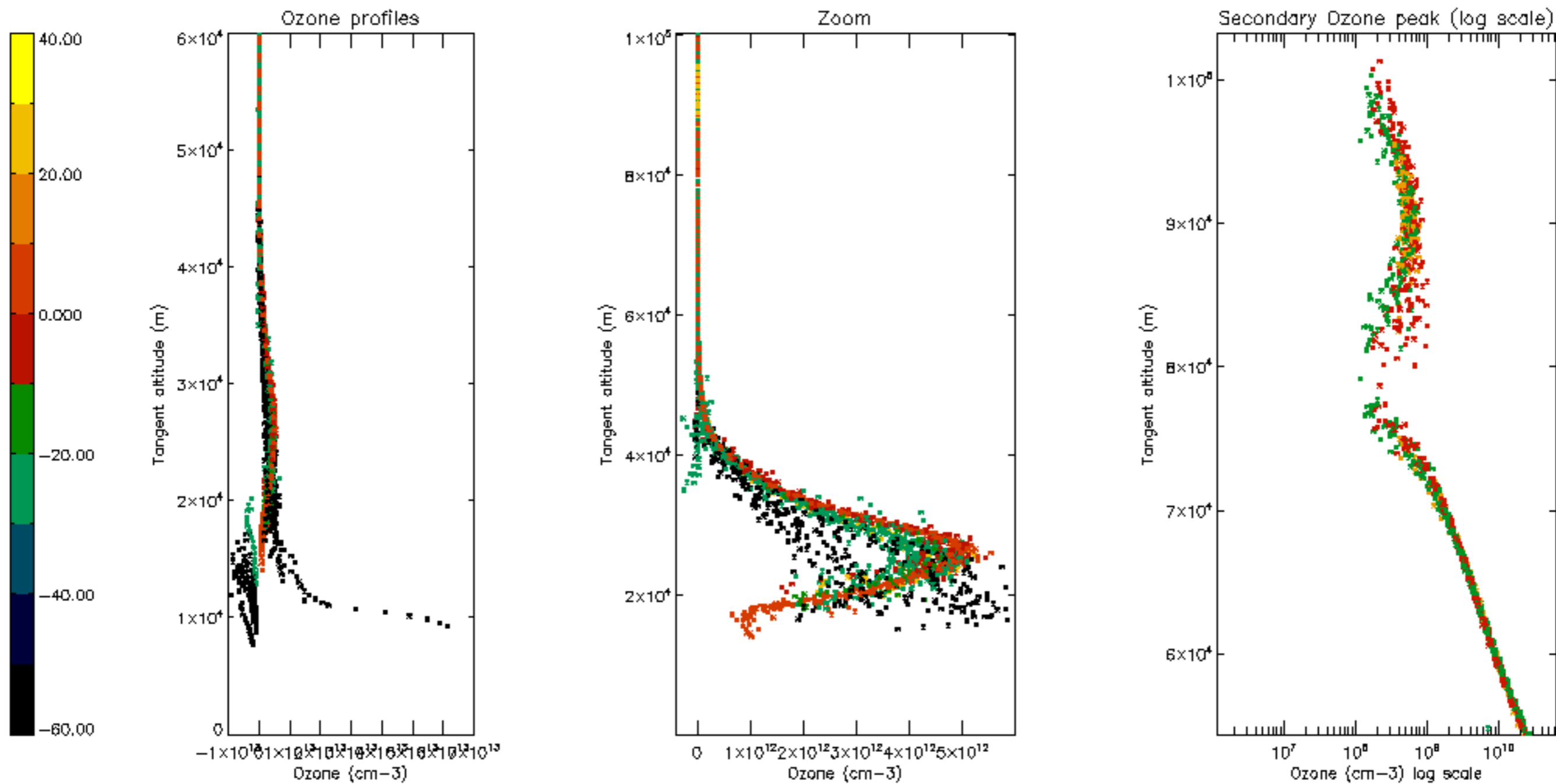
Percentage of star falling outside central band per profile

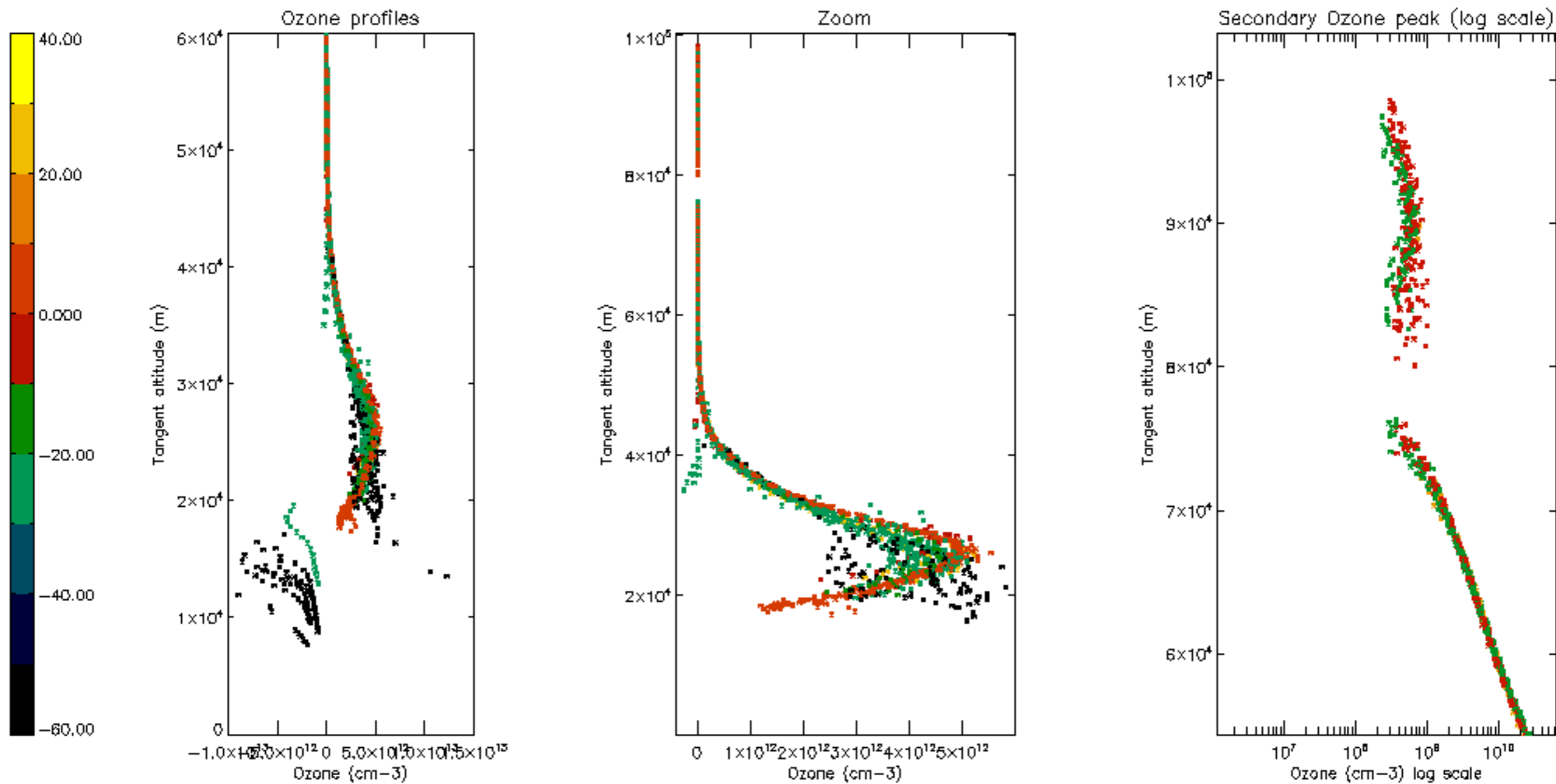


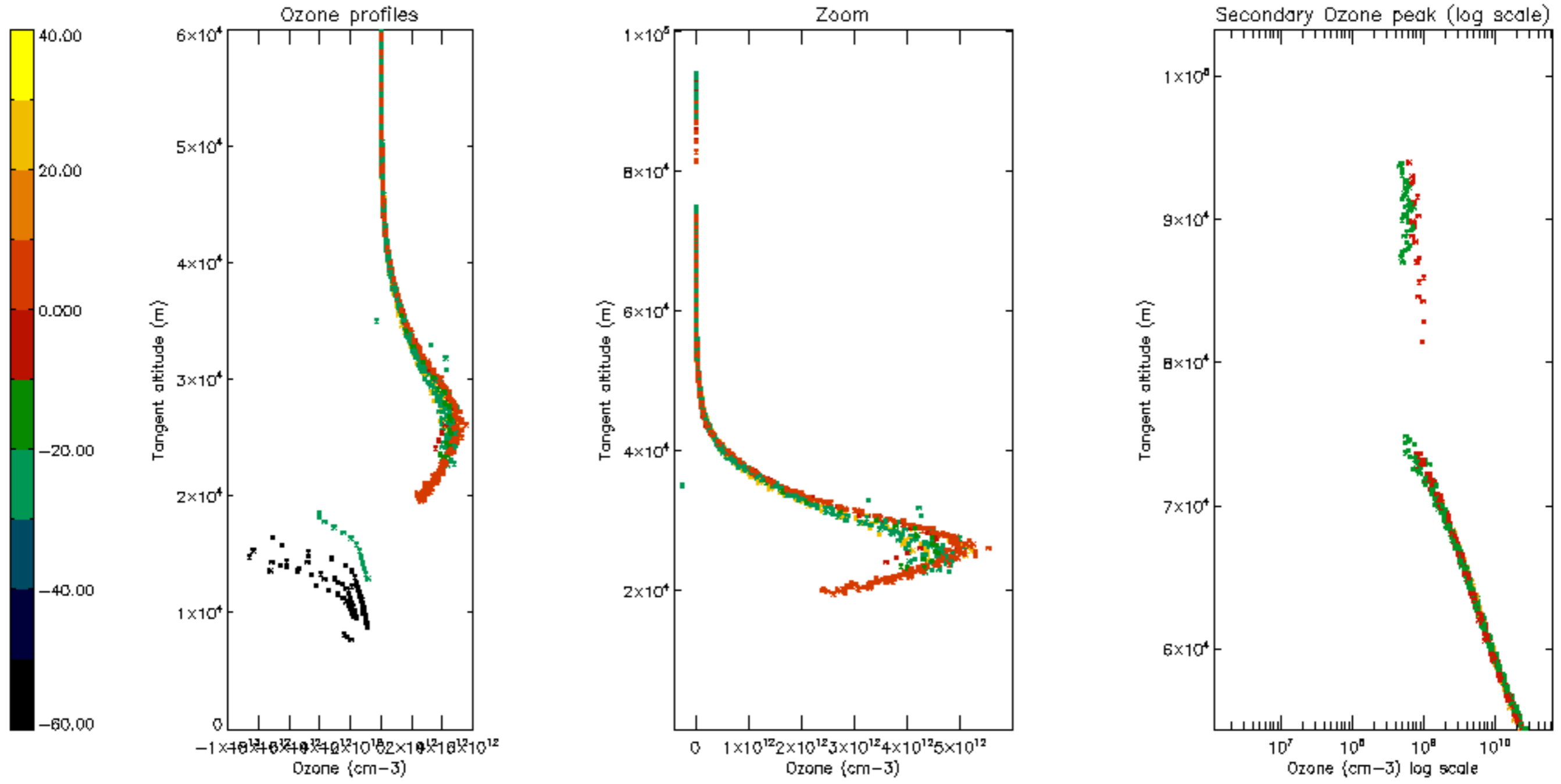
Percentage of saturation errors per profile

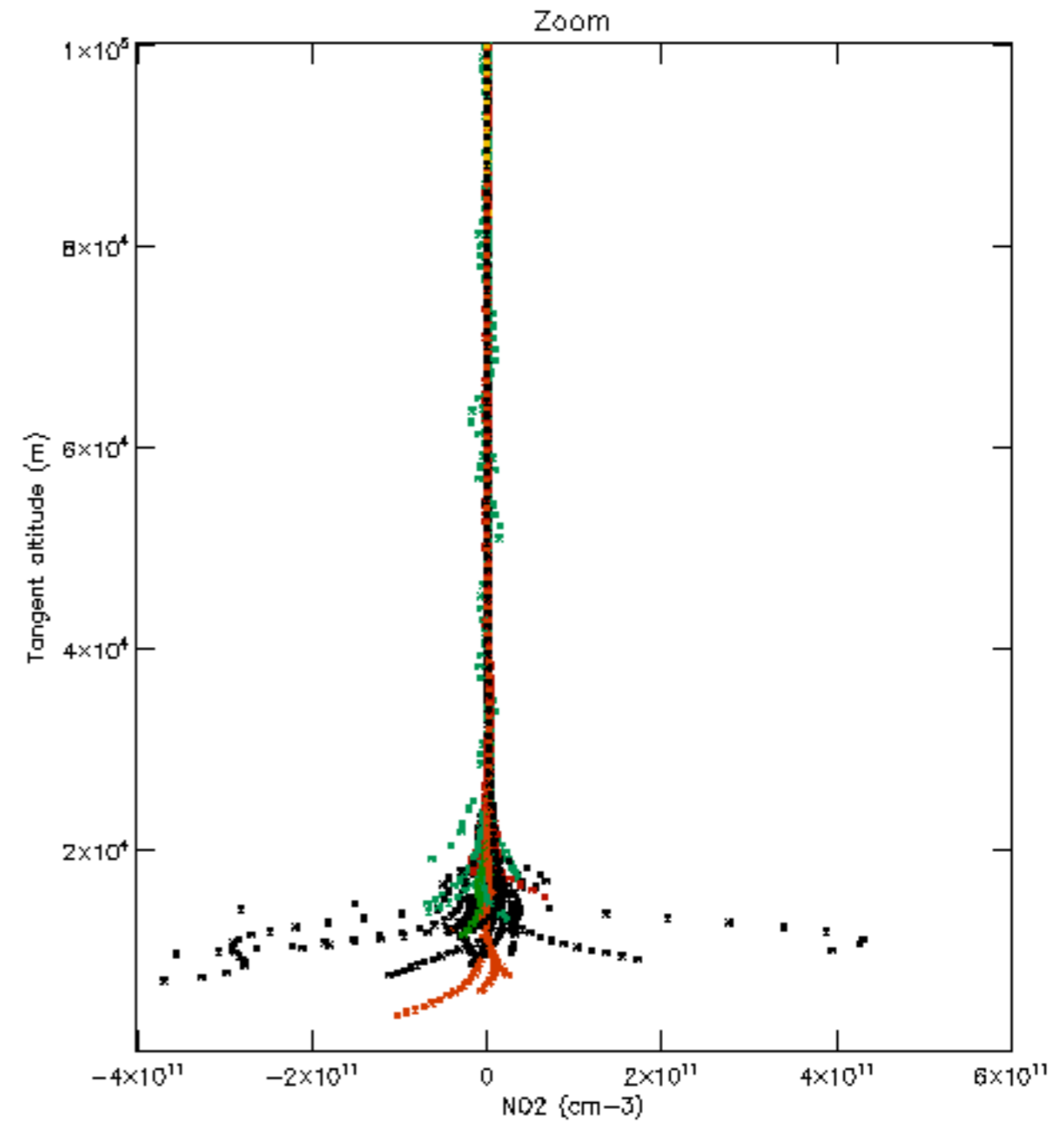
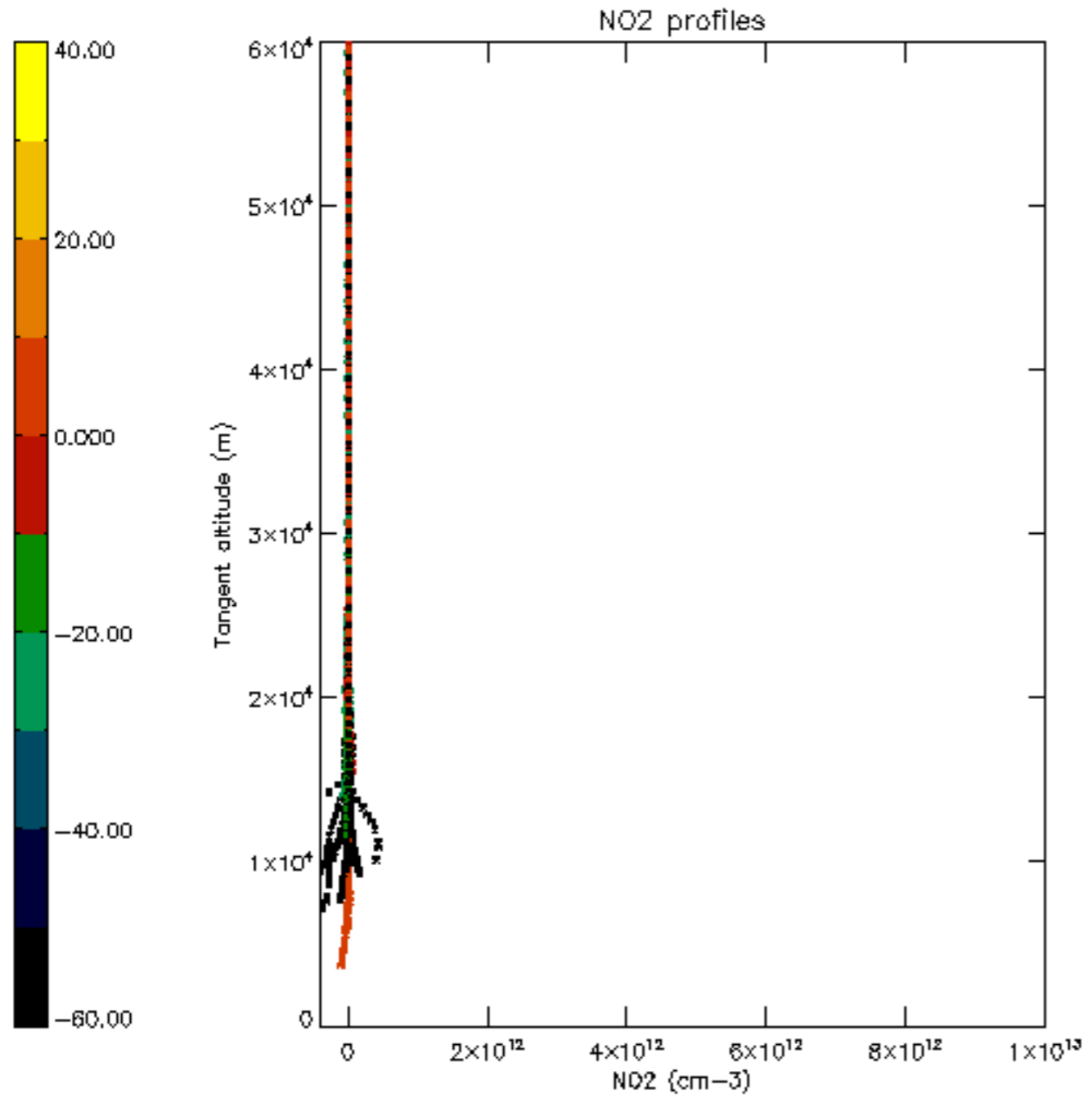


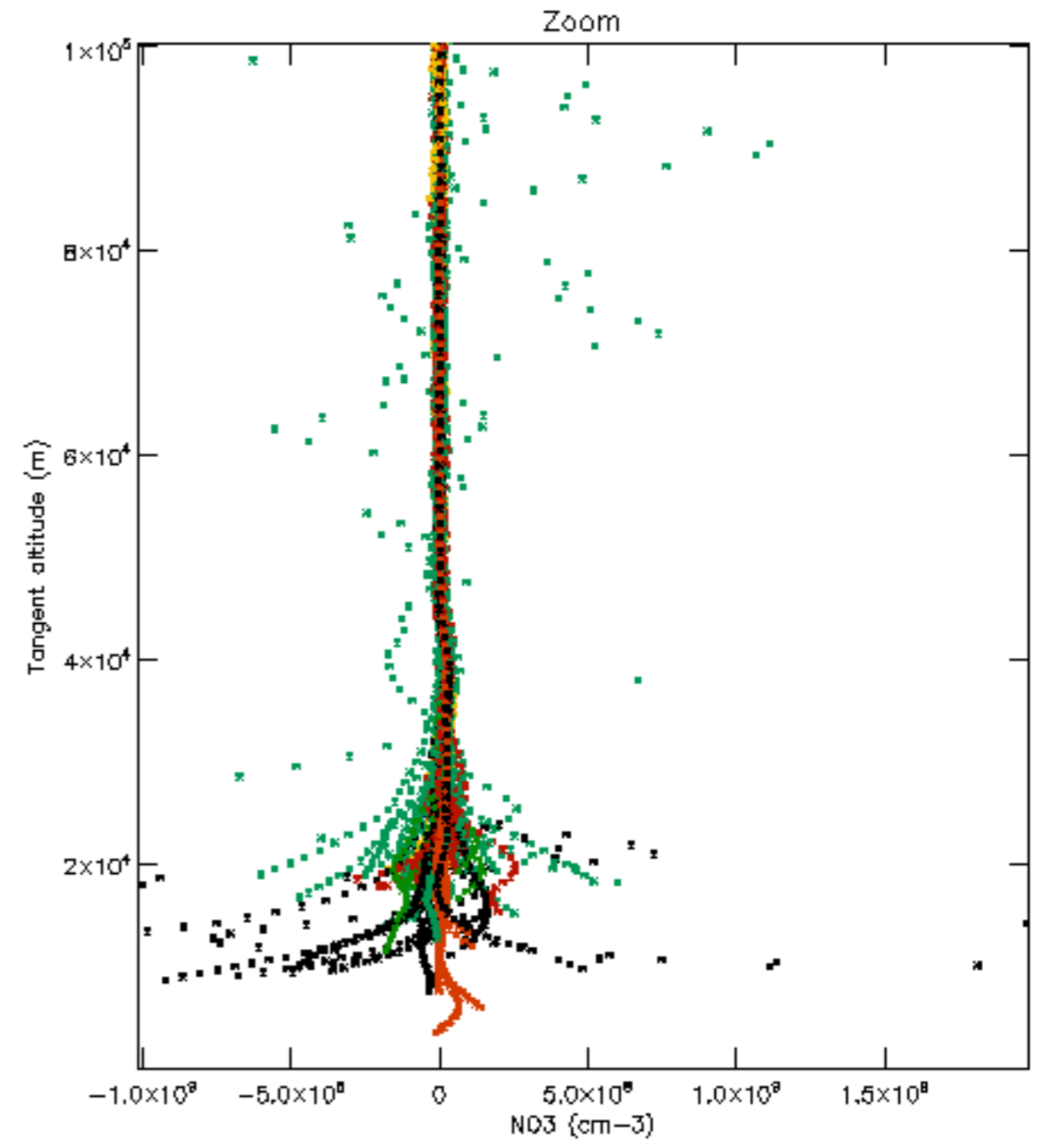
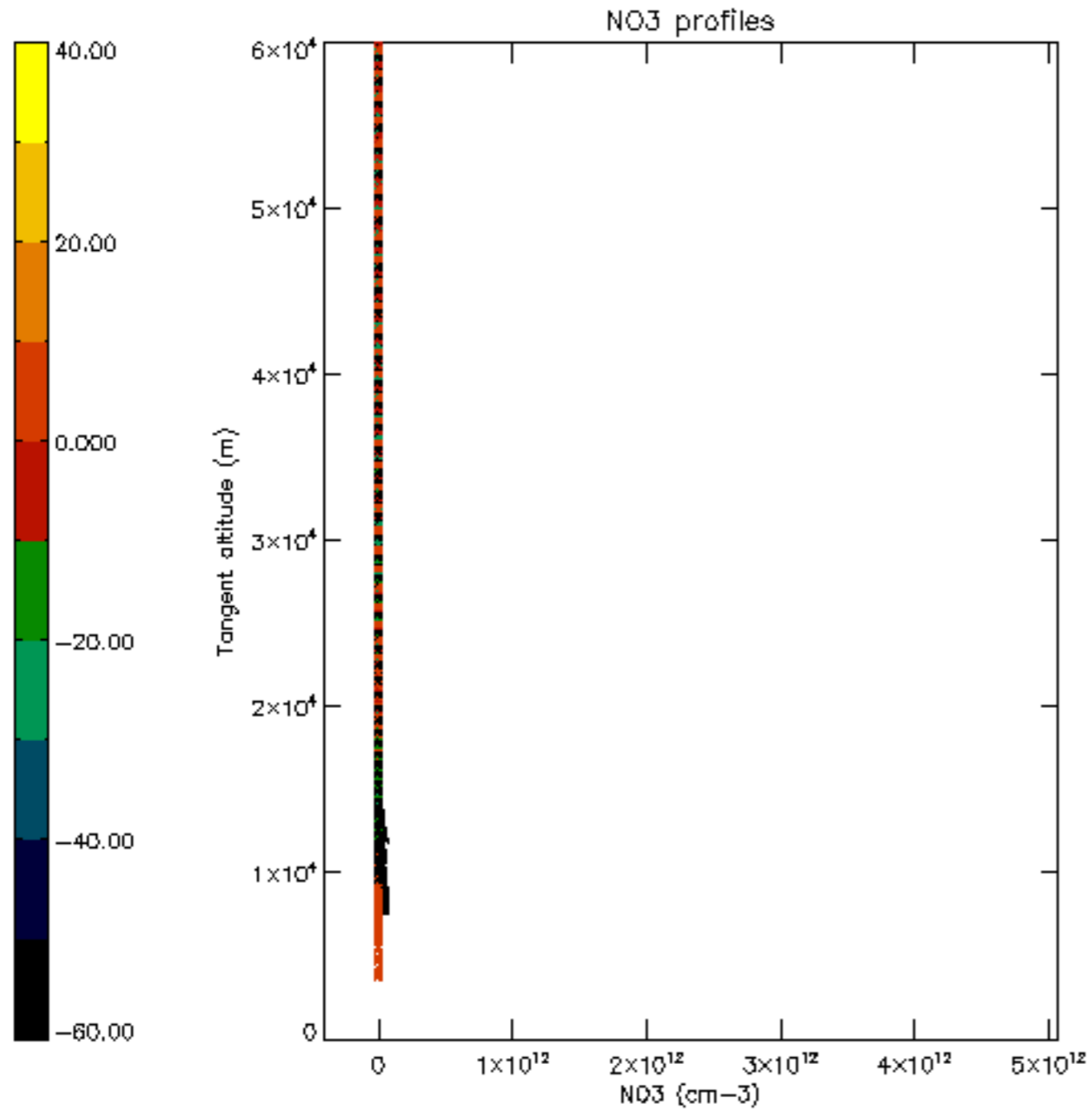


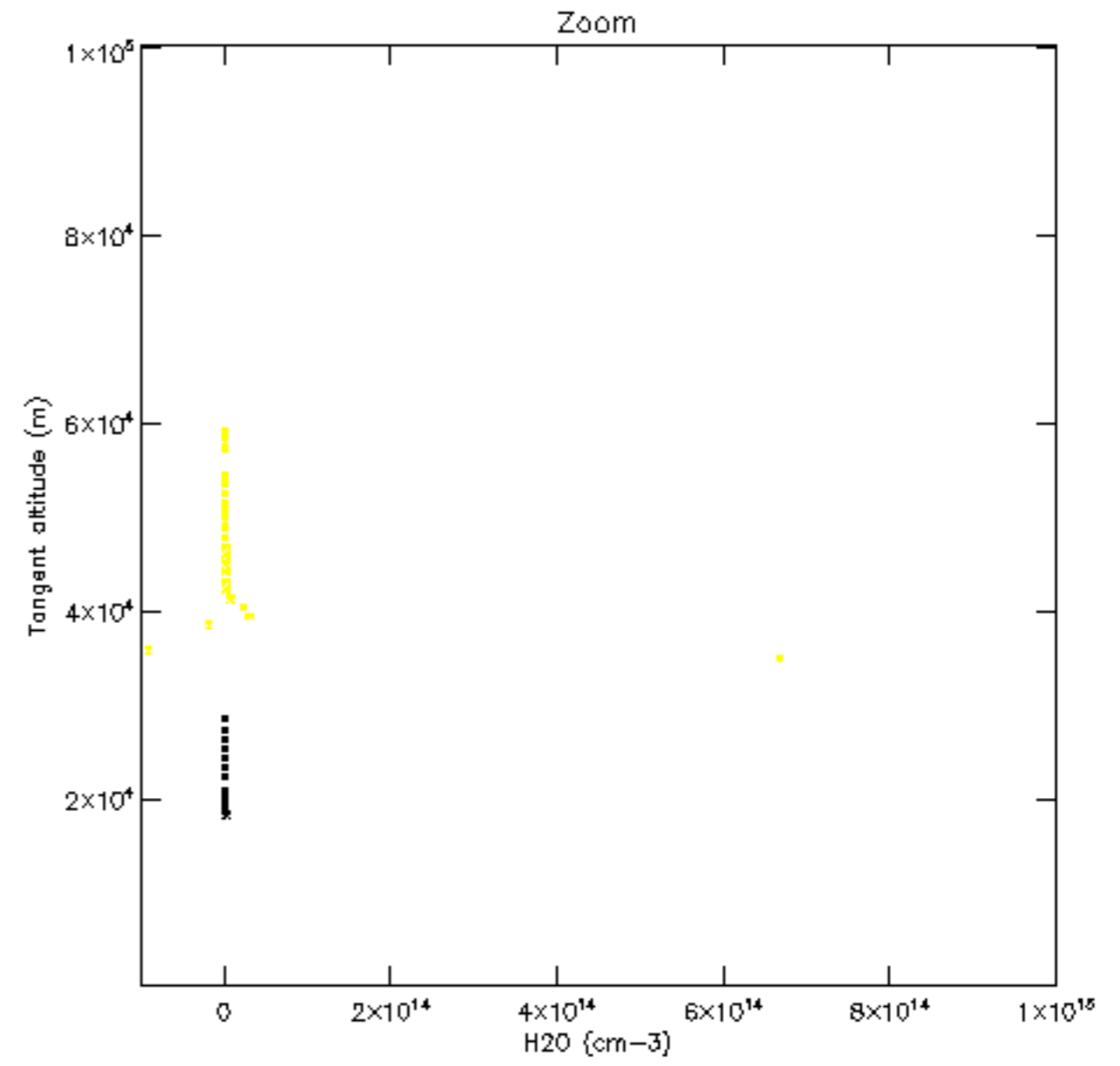
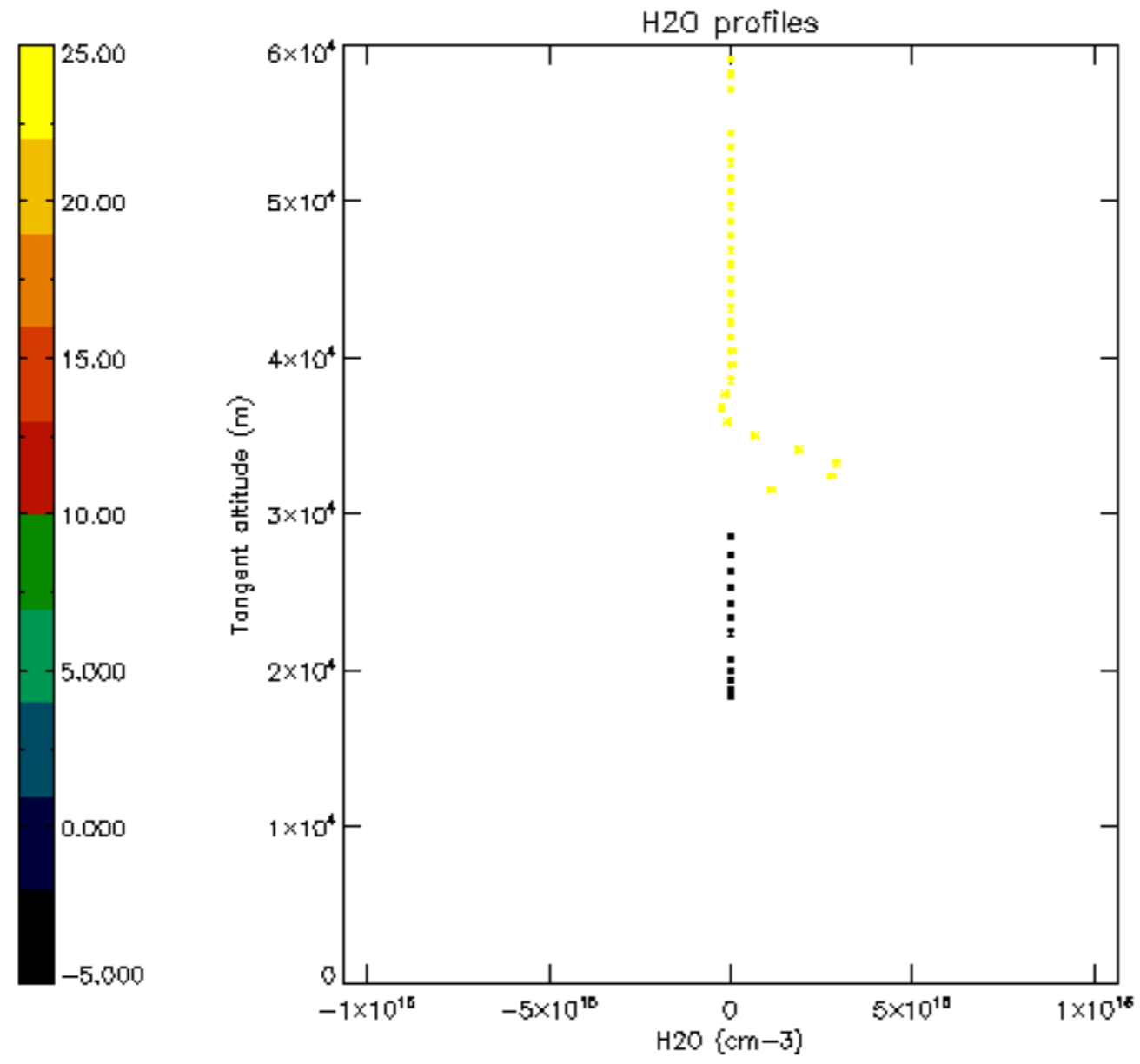


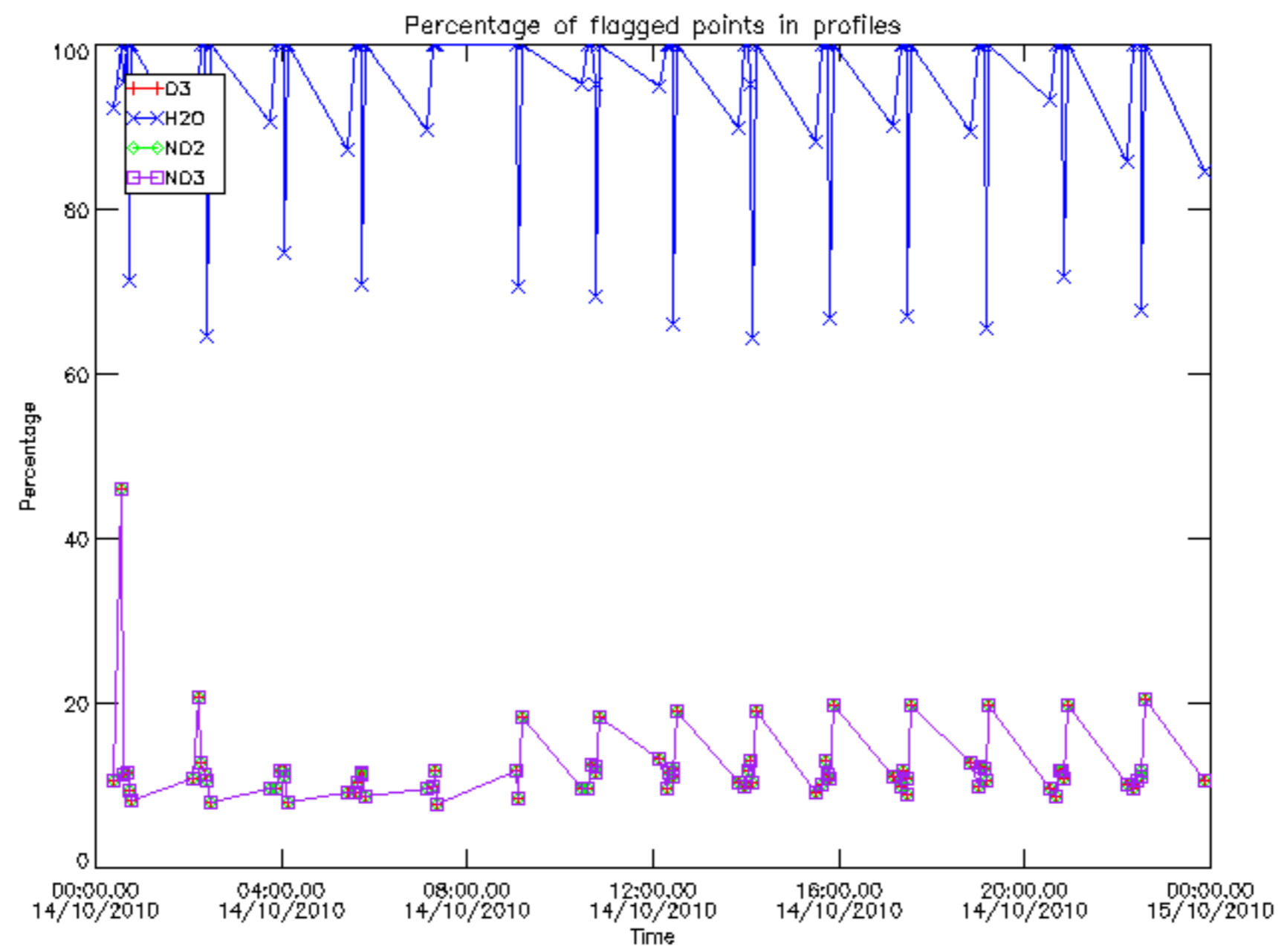




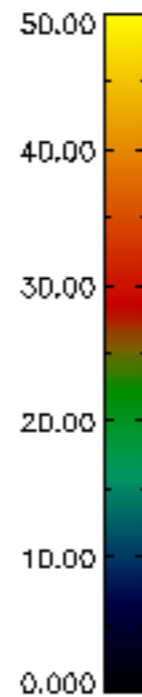
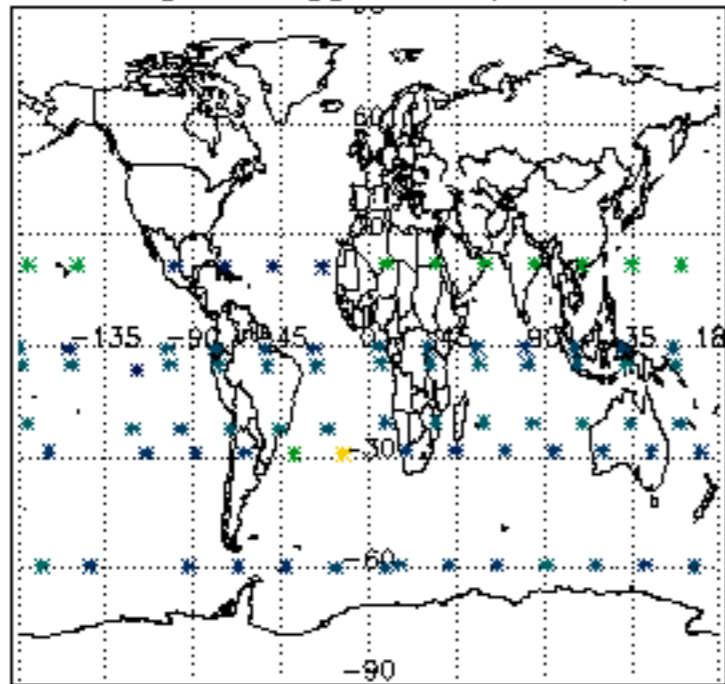




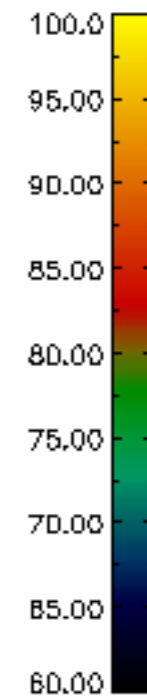
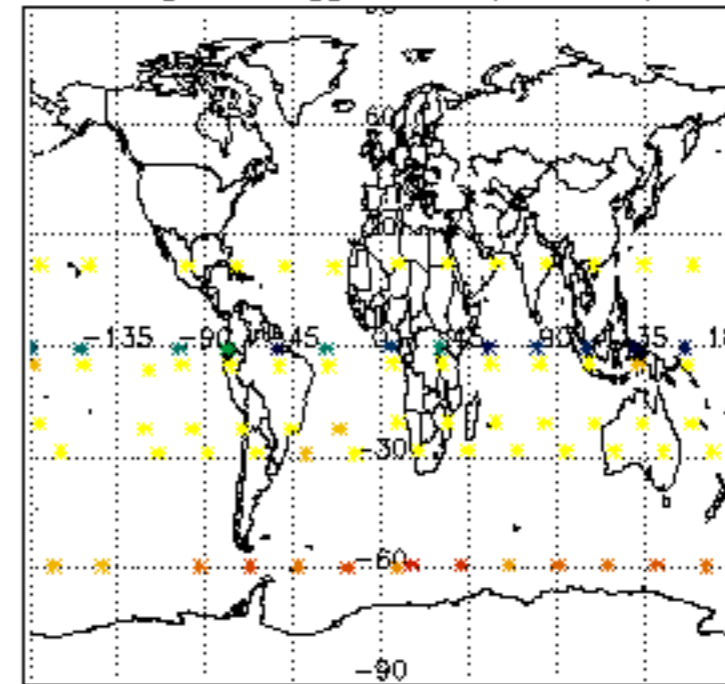




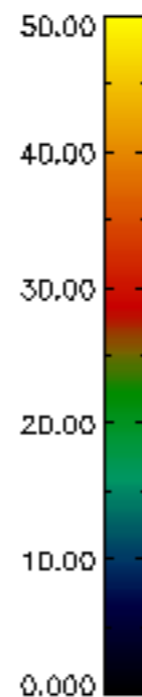
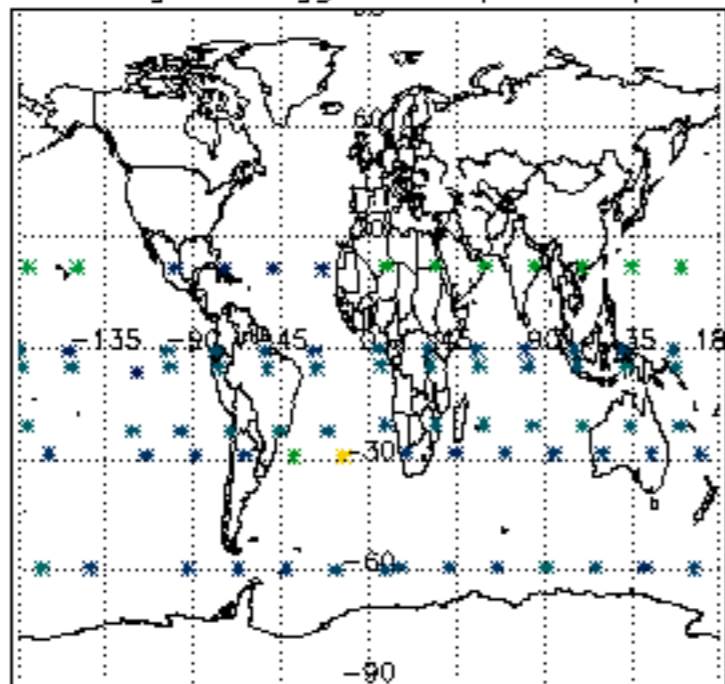
Percentage of flagged data per D3 profile



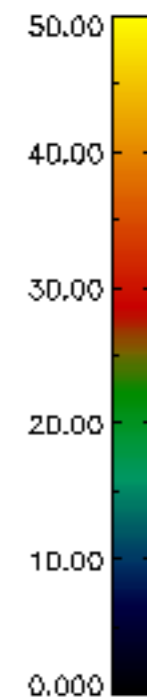
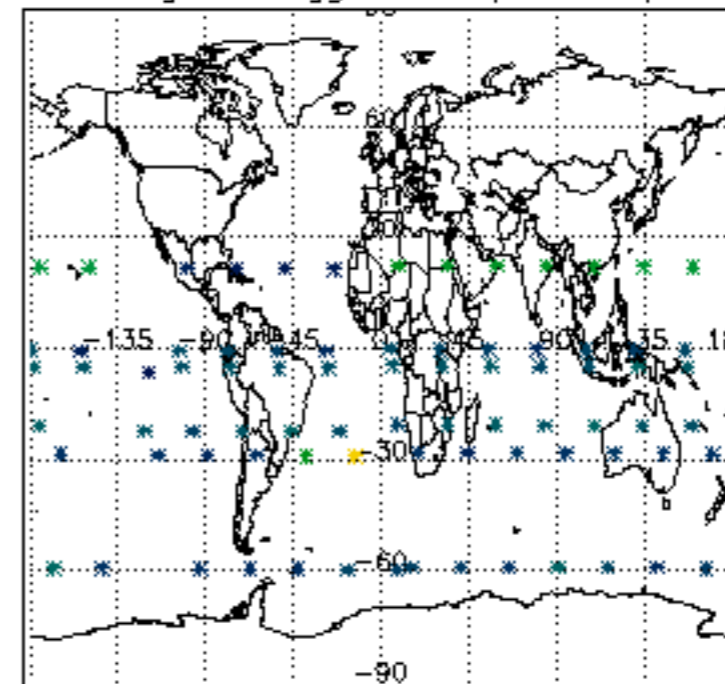
Percentage of flagged data per H2O profile

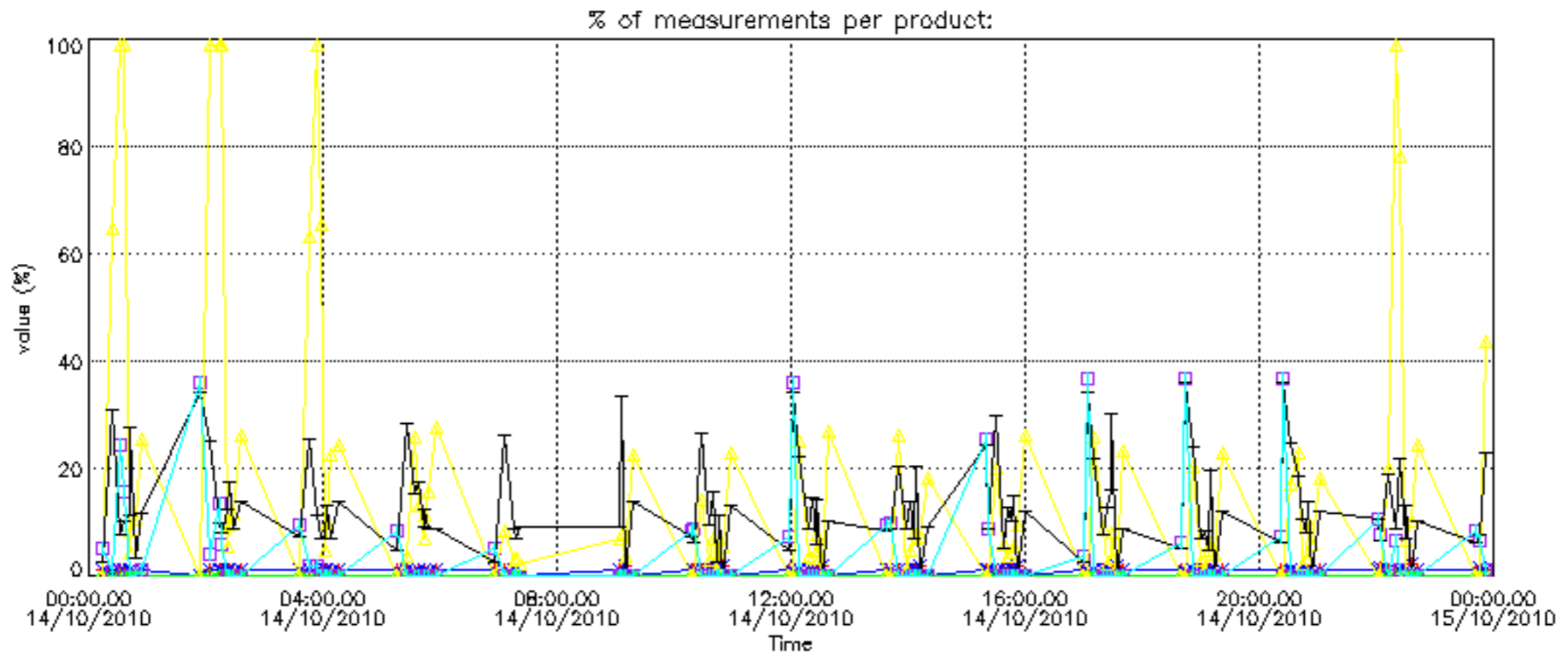


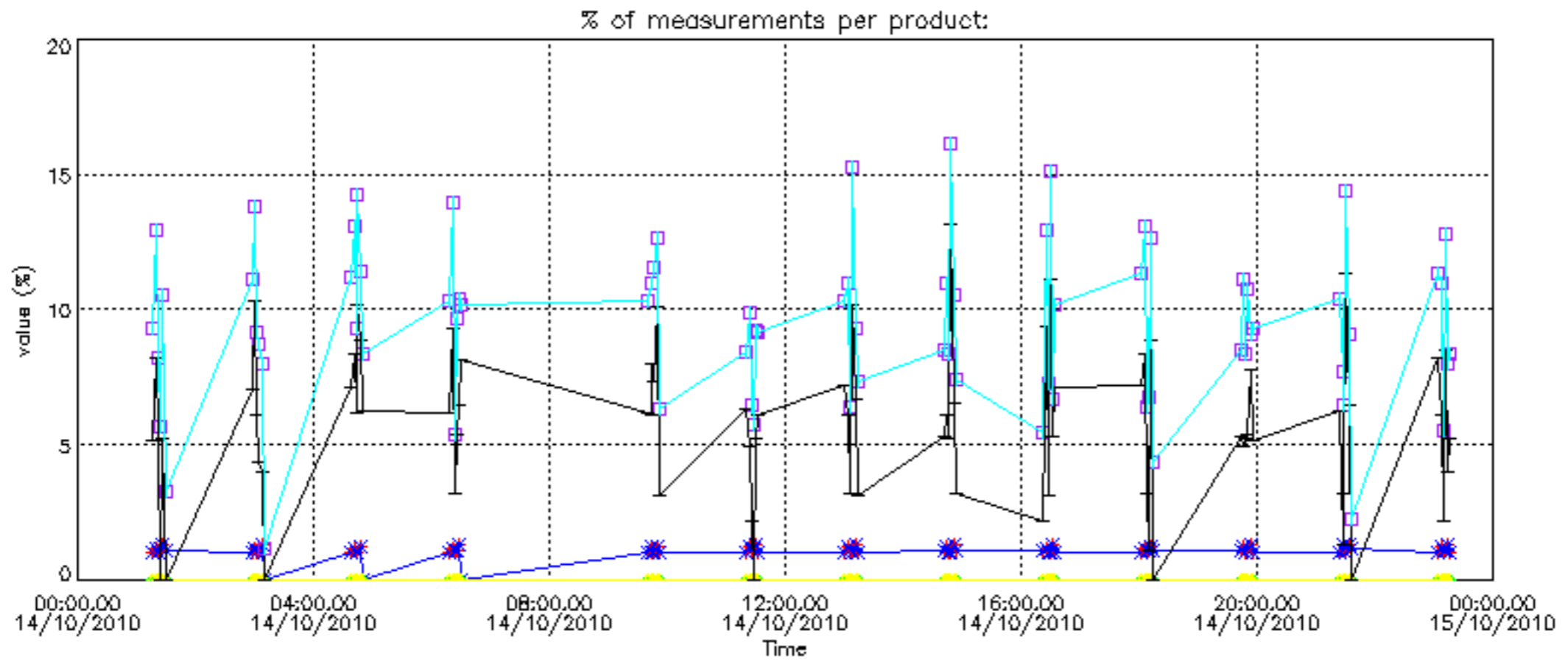
Percentage of flagged data per NO2 profile



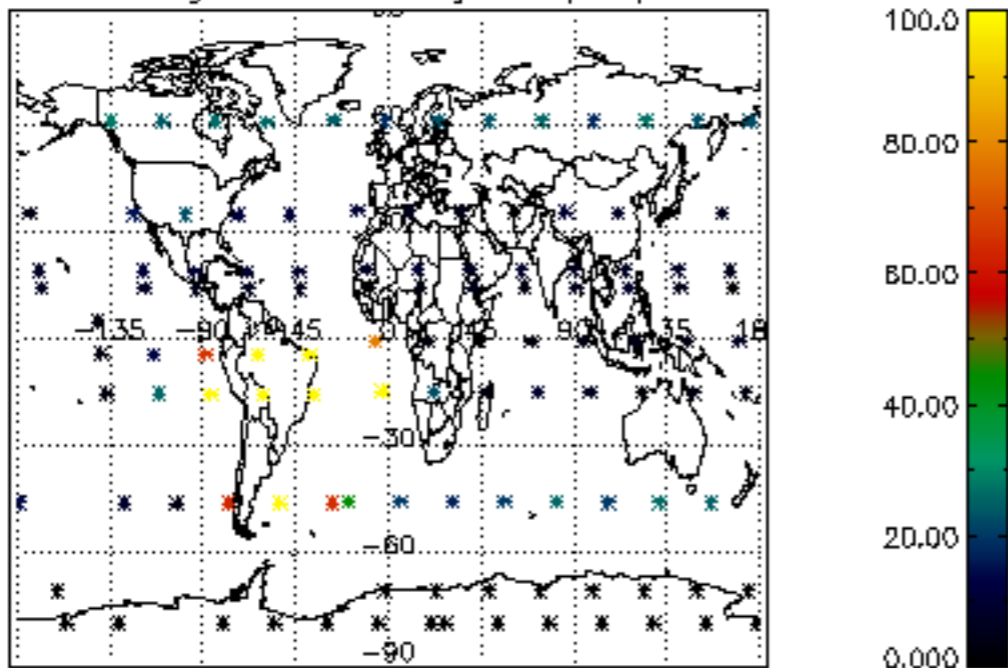
Percentage of flagged data per NO3 profile



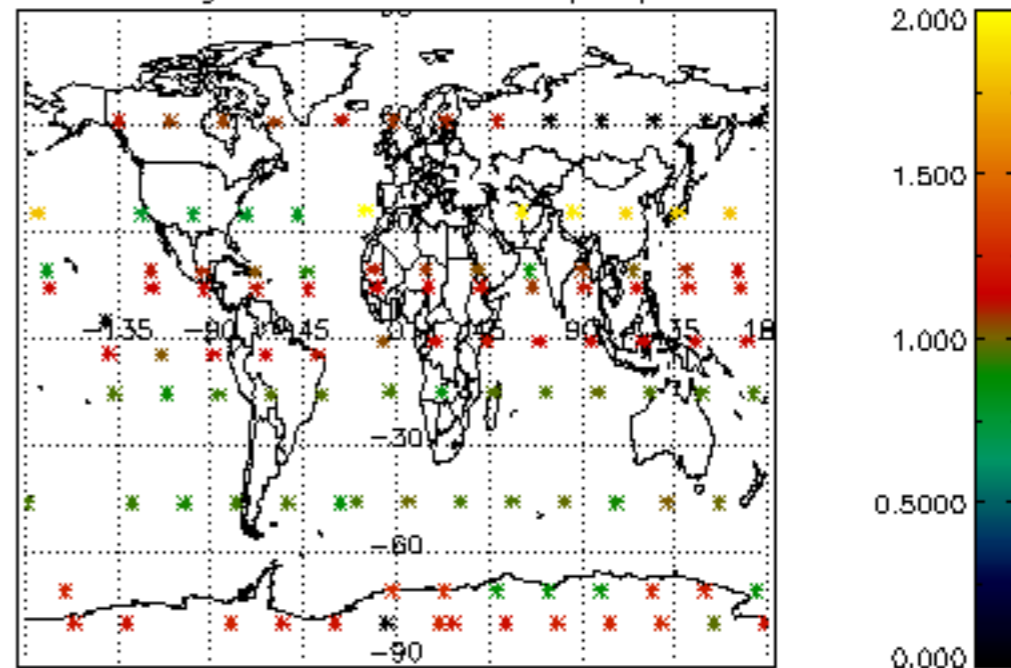




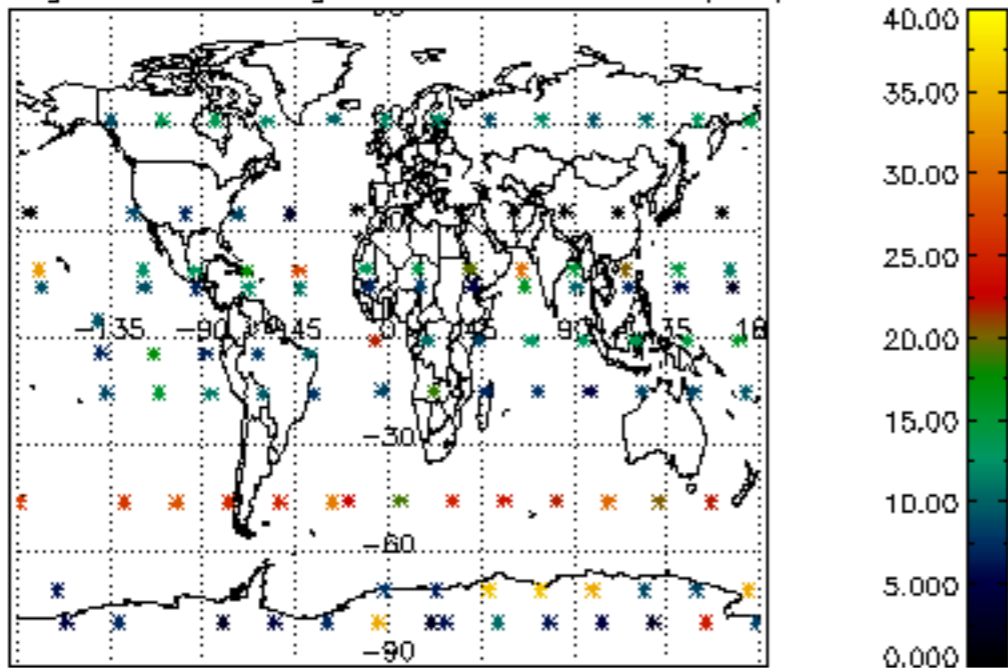
Percentage of cosmic ray hits per profile



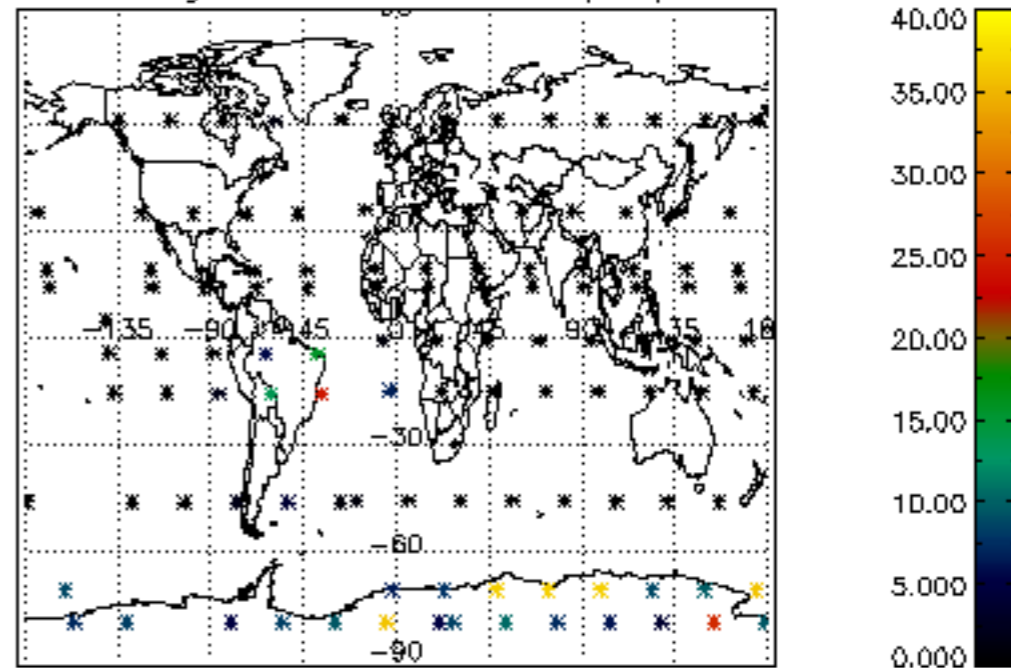
Percentage of datation errors per profile



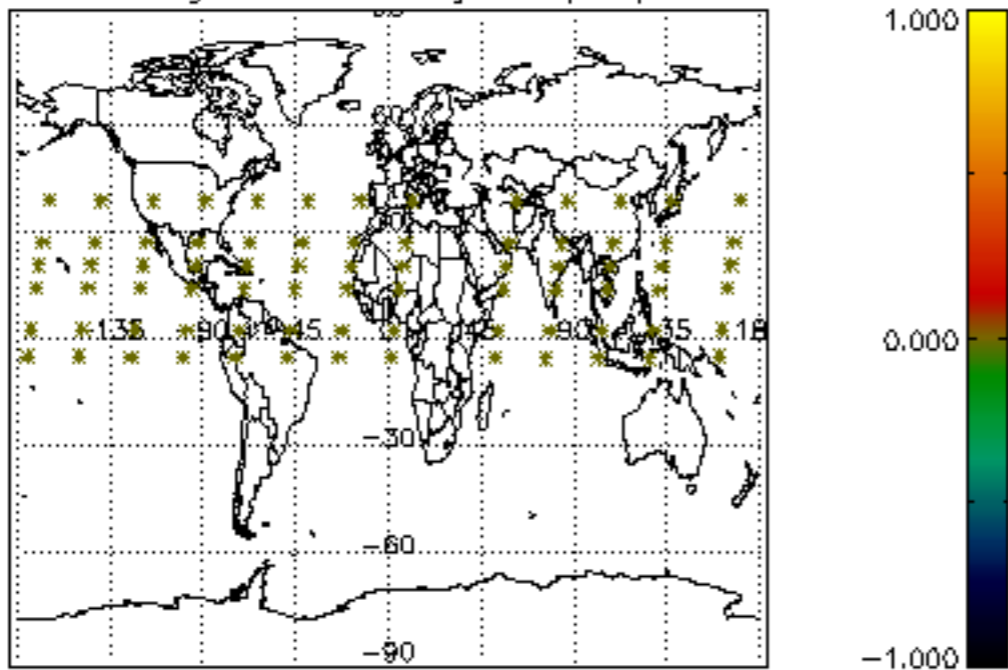
Percentage of star falling outside central band per profile



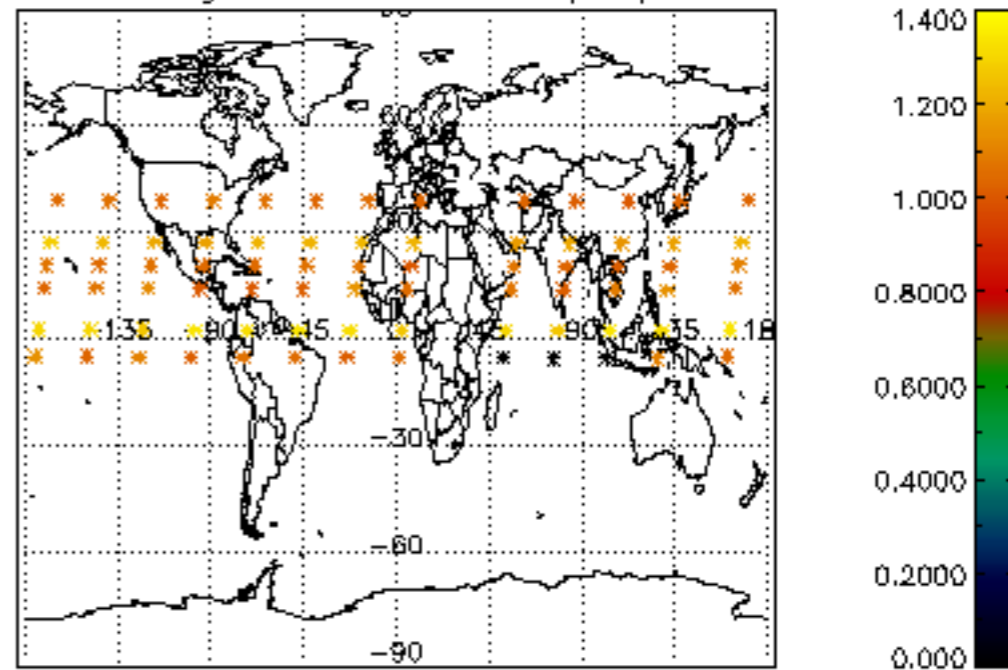
Percentage of saturation errors per profile



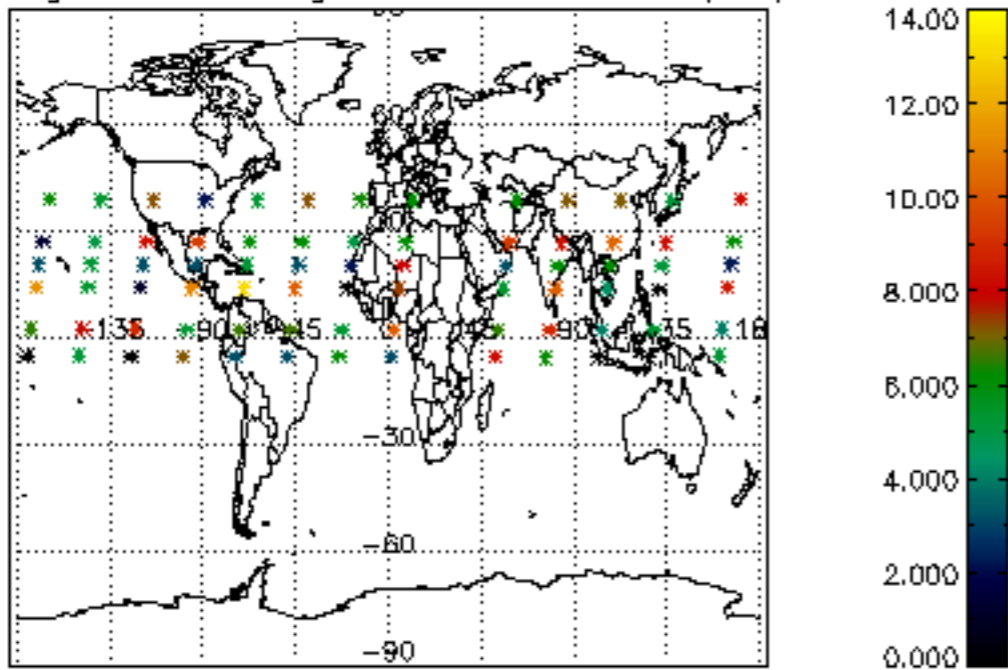
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

