

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	19APR2013 13:48:55
Data source version	GOMOS/6.01
Start time of products	24-04-2003 (24APR2003 00:00:00)
Stop time of products	25-04-2003 (25APR2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	32
Nb of prods with errors	0

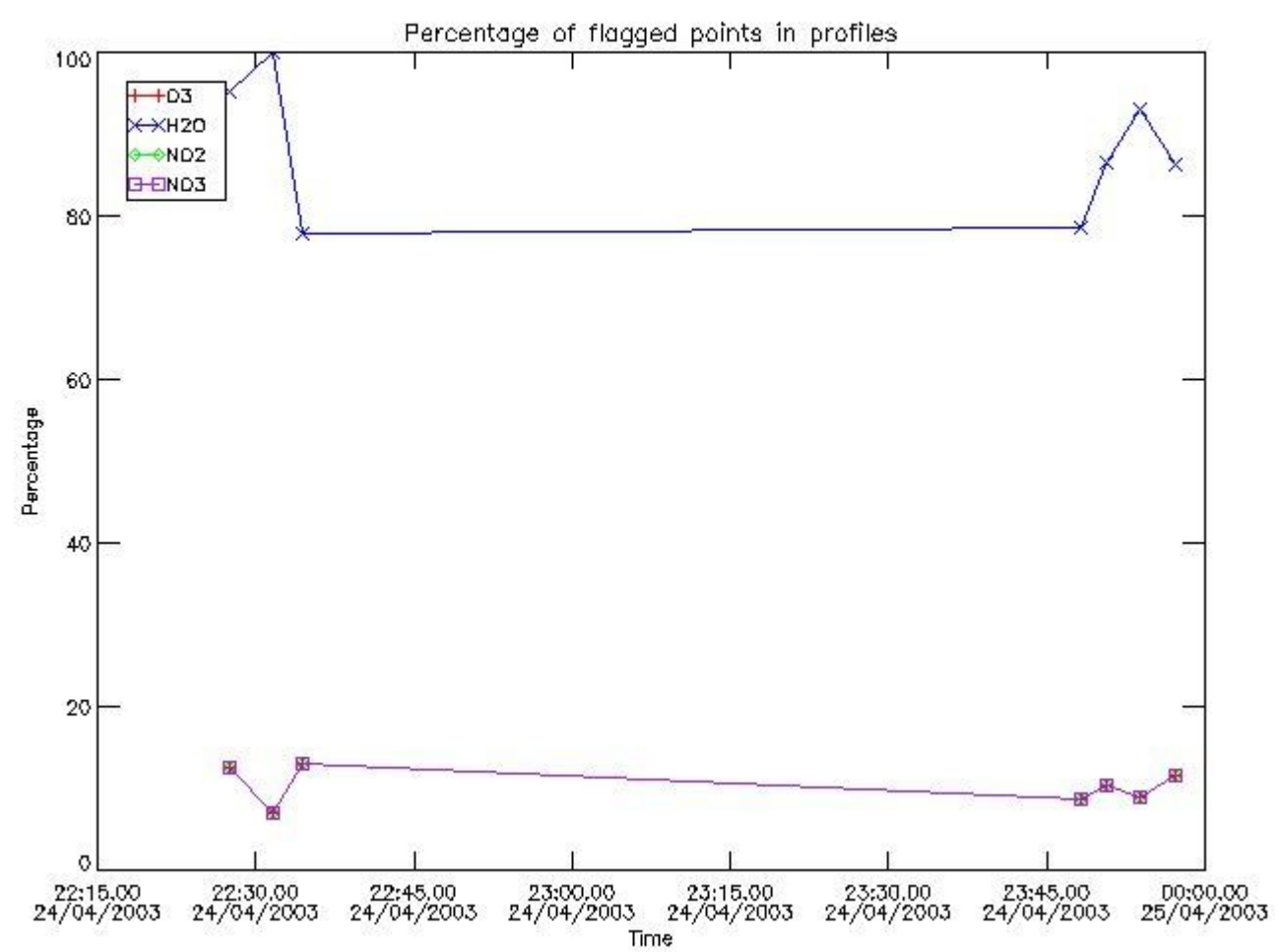
2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20030424_222730_000000412015_00445_06010_6184.N1	24-APR-2003 22:27:30	Dark	41.000	45	Alp Pav	1.9400	26000.	82	6010	No
2	GOM_NL__2PRFIN20030424_223139_000000732015_00445_06010_6185.N1	24-APR-2003 22:31:39	Dark	73.000	103	38Zet Sgr	2.6000	9700.0	146	6010	No
3	GOM_NL__2PRFIN20030424_223430_000000392015_00445_06010_6186.N1	24-APR-2003 22:34:30	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	6010	No
4	GOM_NL__2PRFIN20030424_223628_000000672015_00445_06010_6187.N1	24-APR-2003 22:36:28	Straylight	66.500	40	The Sco	1.8590	7100.0	133	6010	No
5	GOM_NL__2PRFIN20030424_223853_000000442015_00445_06010_6188.N1	24-APR-2003 22:38:53	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	6010	No
6	GOM_NL__2PRFIN20030424_224134_000000642015_00445_06010_6189.N1	24-APR-2003 22:41:34	Straylight	64.000	75	26Eps Sco	2.2910	4250.0	128	6010	No
7	GOM_NL__2PRFIN20030424_224347_000000432015_00445_06010_6190.N1	24-APR-2003 22:43:47	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	6010	No
8	GOM_NL__2PRFIN20030424_224539_000000892015_00445_06010_6191.N1	24-APR-2003 22:45:39	Twilight_stray	89.000	16	21Alp Sco	1.0200	3000.0	178	6010	No
9	GOM_NL__2PRFIN20030424_224816_000000732015_00445_06010_6192.N1	24-APR-2003 22:48:16	Twilight_stray	73.000	80	7Del Sco	2.3160	30000.	146	6010	No
10	GOM_NL__2PRFIN20030424_225024_000000432015_00445_06010_6193.N1	24-APR-2003 22:50:24	Twilight_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	6010	No
11	GOM_NL__2PRFIN20030424_225148_000000492015_00445_06010_6194.N1	24-APR-2003 22:51:48	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	6010	No
12	GOM_NL__2PRFIN20030424_225424_000000562015_00445_06010_6195.N1	24-APR-2003 22:54:24	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	6010	No
13	GOM_NL__2PRFIN20030424_225652_000000362015_00445_06010_6196.N1	24-APR-2003 22:56:52	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	6010	No
14	GOM_NL__2PRFIN20030424_230020_000000372015_00445_06010_6197.N1	24-APR-2003 23:00:20	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6010	No
15	GOM_NL__2PRFIN20030424_230302_000000422015_00445_06010_6198.N1	24-APR-2003 23:03:02	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	6010	No
16	GOM_NL__2PRFIN20030424_230813_000000362015_00445_06010_6199.N1	24-APR-2003 23:08:13	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	6010	No
17	GOM_NL__2PRFIN20030424_231013_000000442015_00445_06010_6200.N1	24-APR-2003 23:10:13	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	6010	No
18	GOM_NL__2PRFIN20030424_231204_000000382015_00445_06010_6201.N1	24-APR-2003 23:12:04	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	6010	No
19	GOM_NL__2PRFIN20030424_231341_000000352015_00445_06010_6202.N1	24-APR-2003 23:13:41	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	6010	No
20	GOM_NL__2PRFIN20030424_231504_000000372015_00445_06010_6203.N1	24-APR-2003 23:15:04	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	6010	No
21	GOM_NL__2PRFIN20030424_231927_000000362015_00445_06010_6204.N1	24-APR-2003 23:19:27	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	6010	No
22	GOM_NL__2PRFIN20030424_232251_000000352015_00445_06010_6205.N1	24-APR-2003 23:22:51	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	6010	No
23	GOM_NL__2PRFIN20030424_232524_000000662015_00445_06010_6206.N1	24-APR-2003 23:25:24	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	6010	No
24	GOM_NL__2PRFIN20030424_232941_000000432015_00445_06010_6207.N1	24-APR-2003 23:29:41	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	6010	No
25	GOM_NL__2PRFIN20030424_233126_000000362015_00445_06010_6208.N1	24-APR-2003 23:31:26	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	6010	No
26	GOM_NL__2PRFIN20030424_233400_000001572015_00445_06010_6209.N1	24-APR-2003 23:34:00	Bright	156.50	5	3Alp Lyr	0.033000	11000.	313	6010	No
27	GOM_NL__2PRFIN20030424_233953_000000722015_00445_06010_6210.N1	24-APR-2003 23:39:53	Twilight_stray	71.500	92	53Eps Cyg	2.5000	4500.0	143	6010	No
28	GOM_NL__2PRFIN20030424_234435_000000412015_00445_06010_6211.N1	24-APR-2003 23:44:35	Twilight_stray	41.000	90	54Alp Peg	2.4870	11000.	82	6010	No
29	GOM_NL__2PRFIN20030424_234813_000000592015_00445_06010_6212.N1	24-APR-2003 23:48:13	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	6010	No
30	GOM_NL__2PRFIN20030424_235041_000000492015_00445_06010_6213.N1	24-APR-2003 23:50:41	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	6010	No
31	GOM_NL__2PRFIN20030424_235351_000000572015_00445_06010_6214.N1	24-APR-2003 23:53:51	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	6010	No
32	GOM_NL__2PRFIN20030424_235710_000000452015_00445_06010_6215.N1	24-APR-2003 23:57:10	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	6010	No

3. Quality information per product

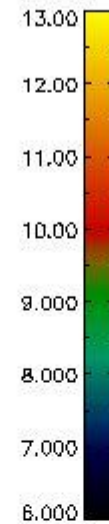
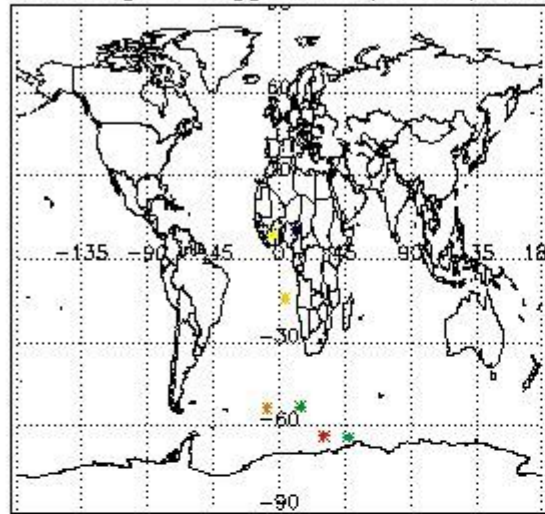
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

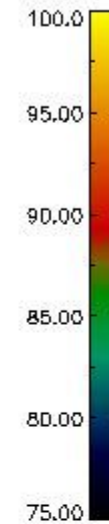
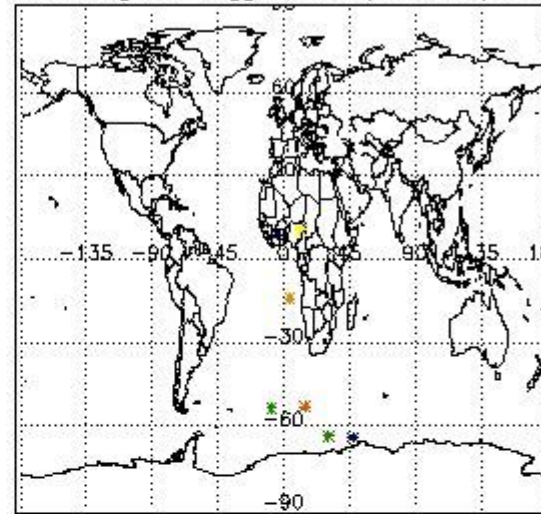


3.2 Plot quality information per product (world map)

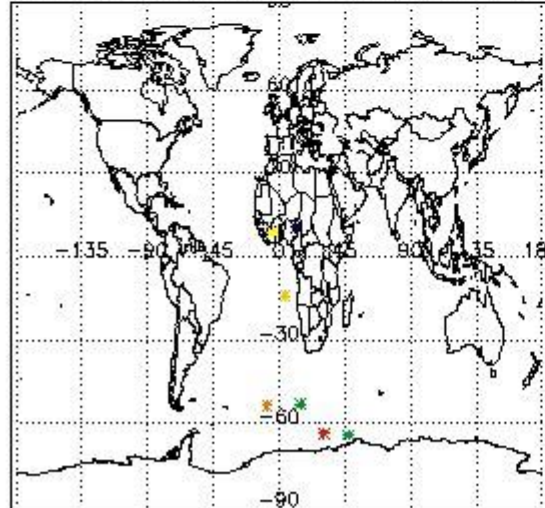
Percentage of flagged data per O3 profile



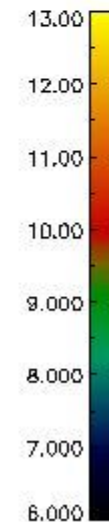
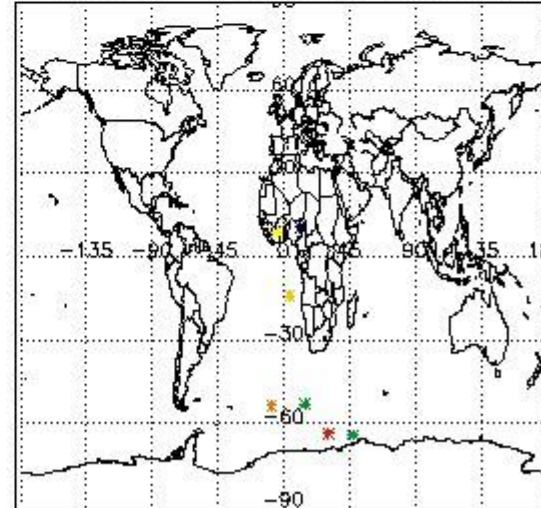
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

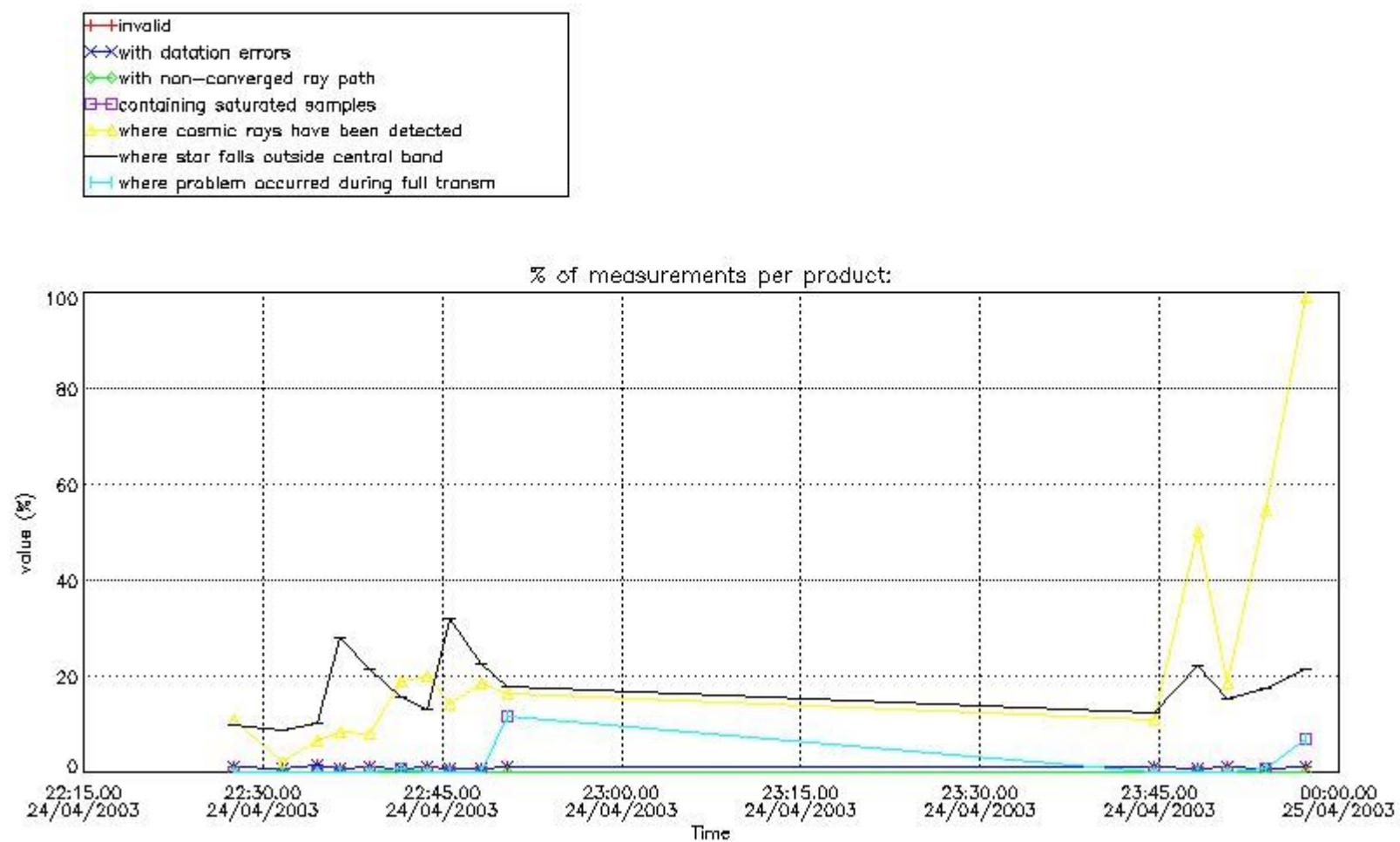


4. Level 1 quality information per product

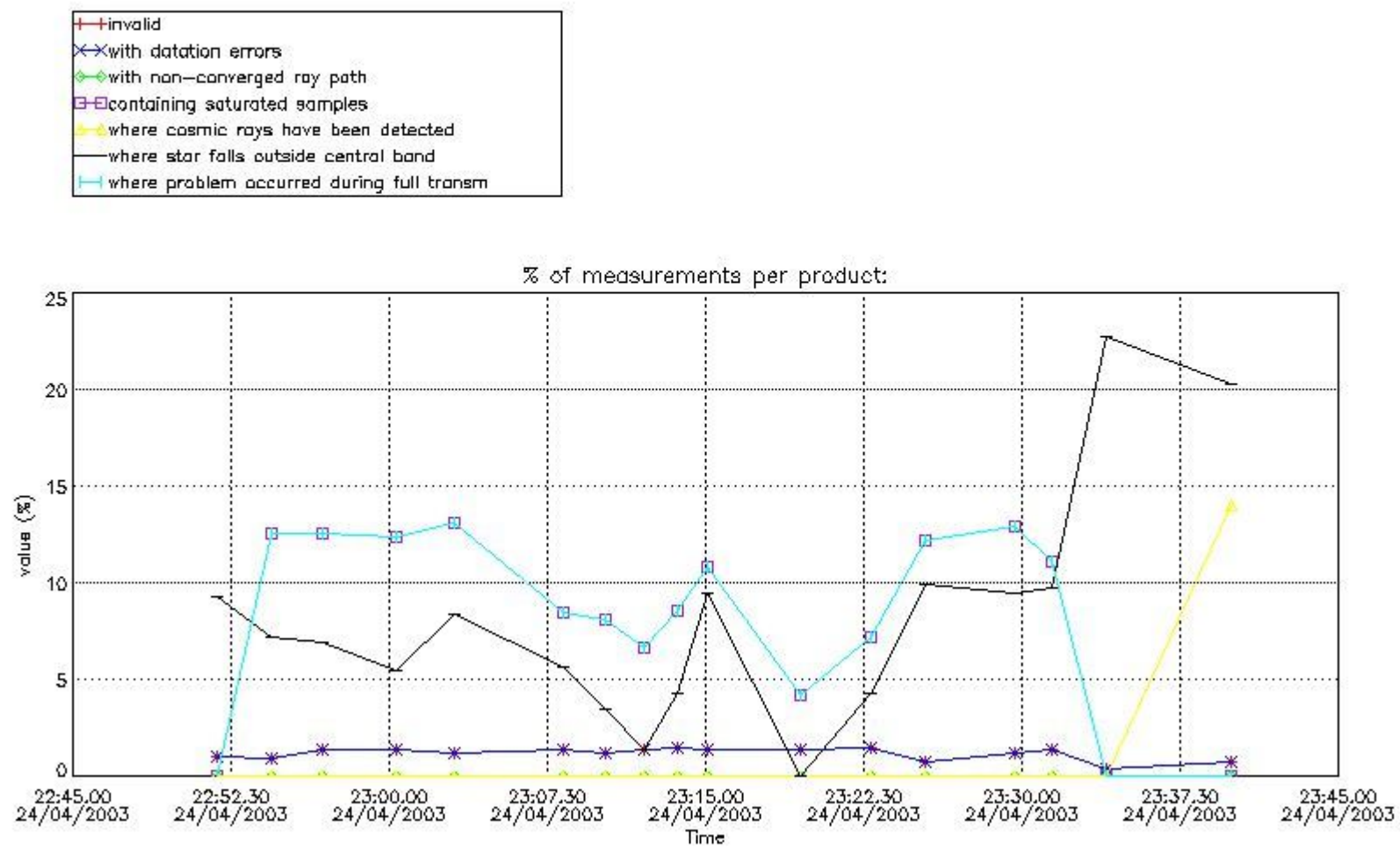
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



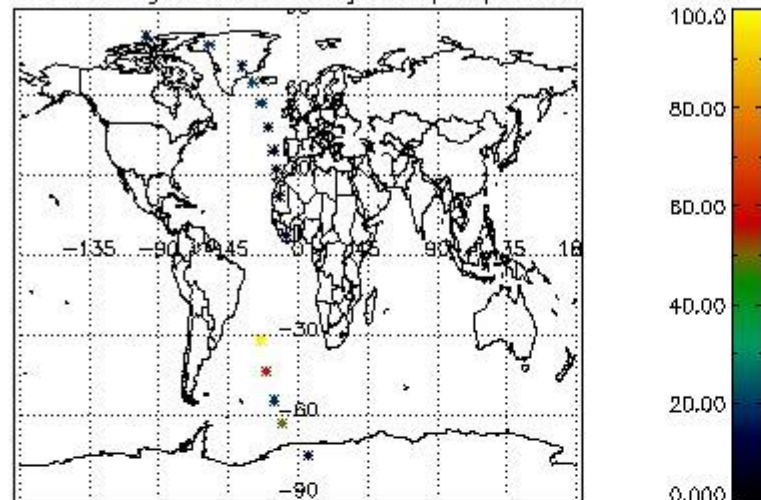
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



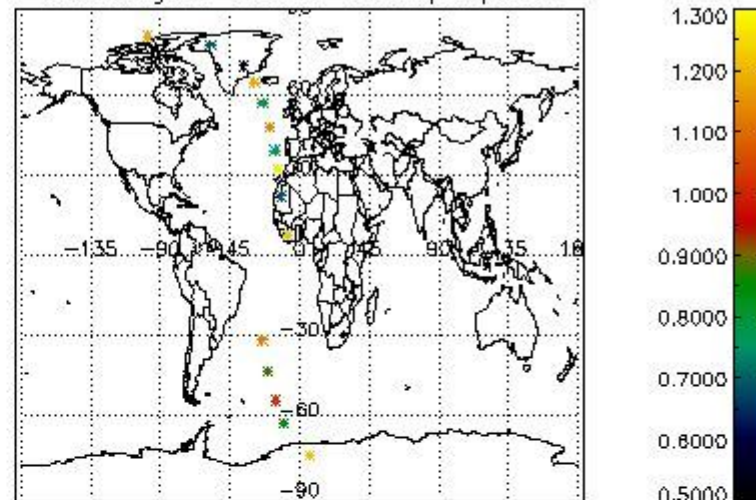
4.2 Plot quality information per product coming from level 1b processing (world map)

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

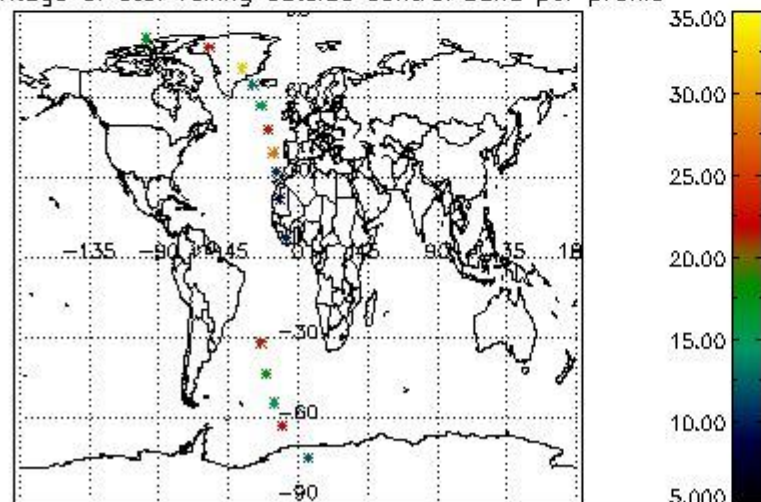
Percentage of cosmic ray hits per profile



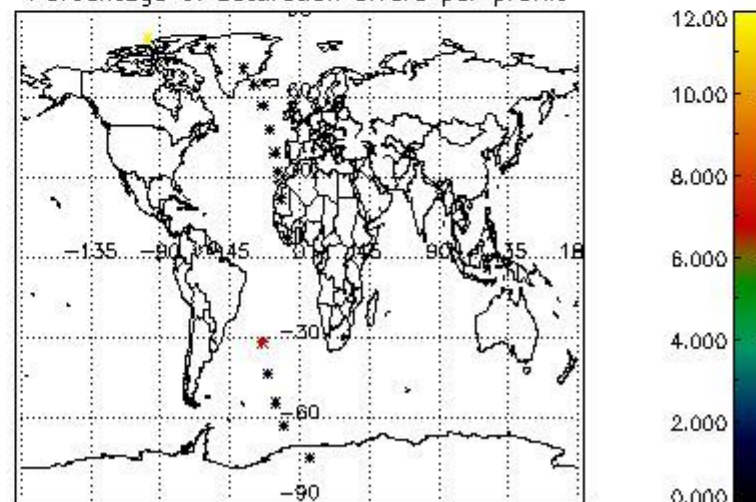
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

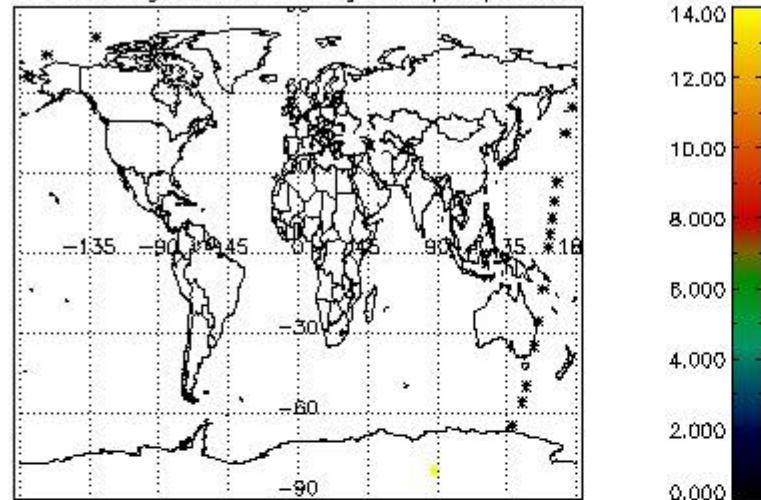


Percentage of saturation errors per profile

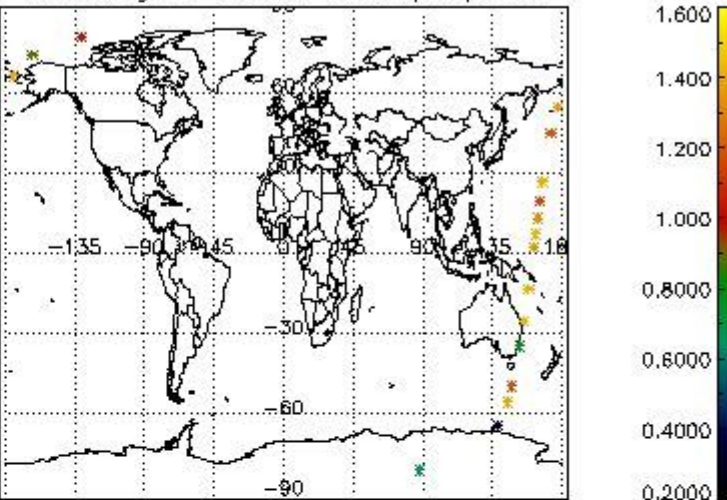


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

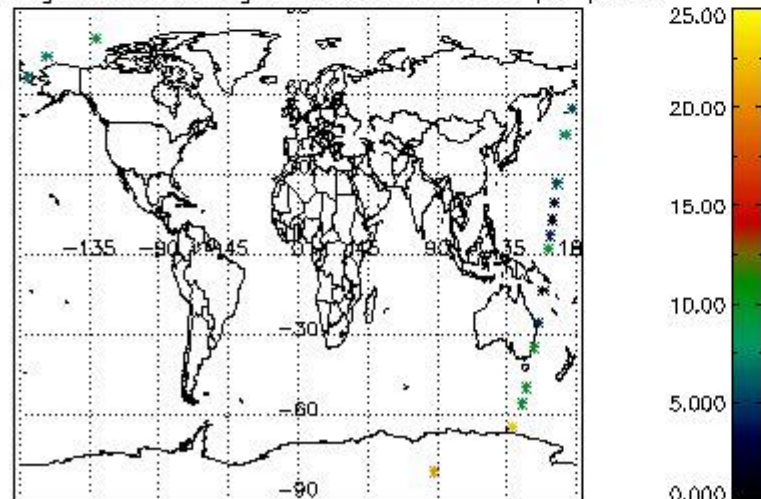
Percentage of cosmic ray hits per profile



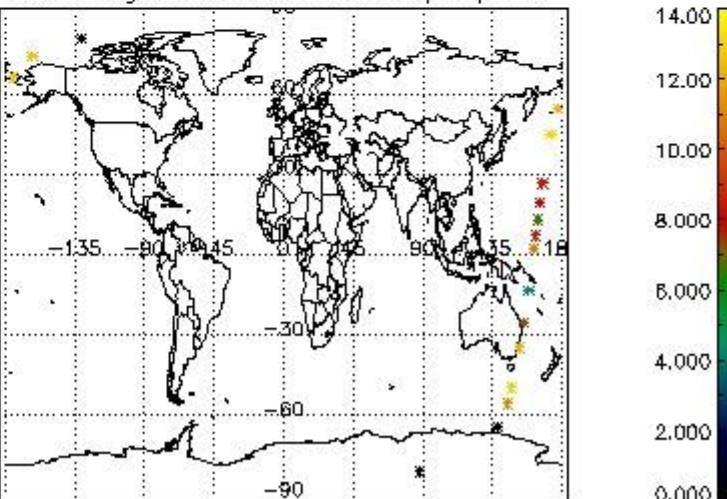
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

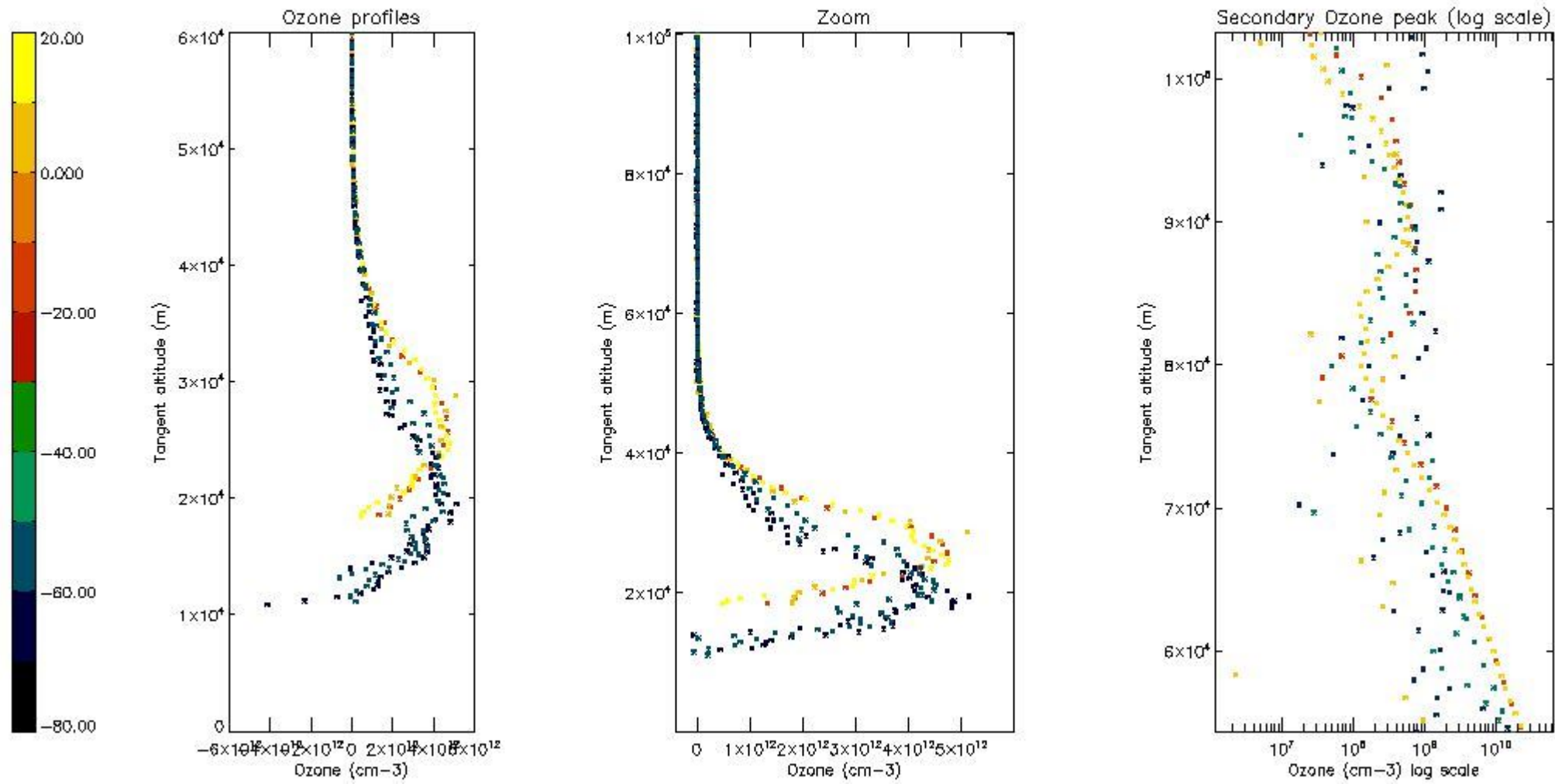
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	11

STD < 10	8
STD < 5	5

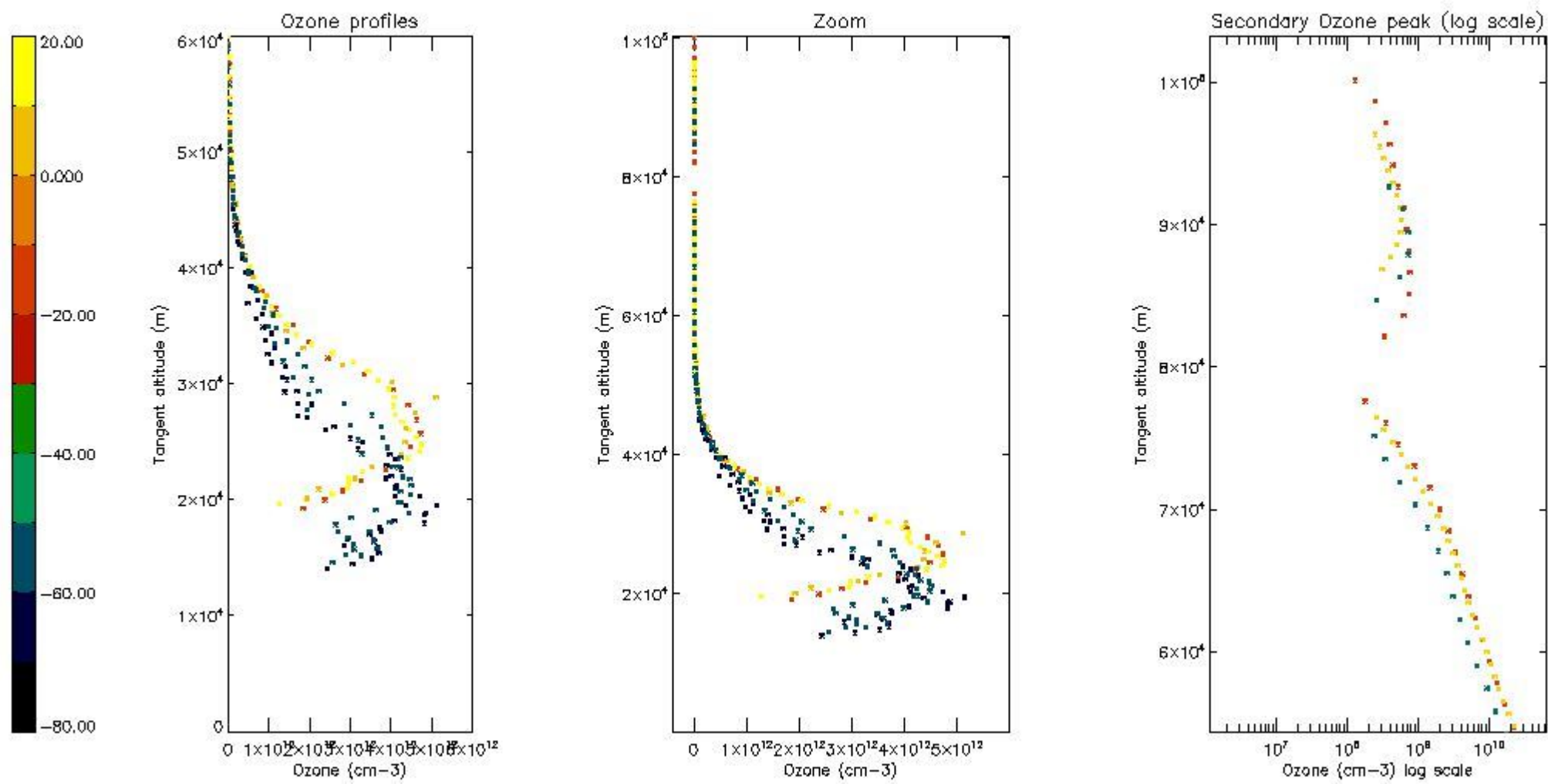
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



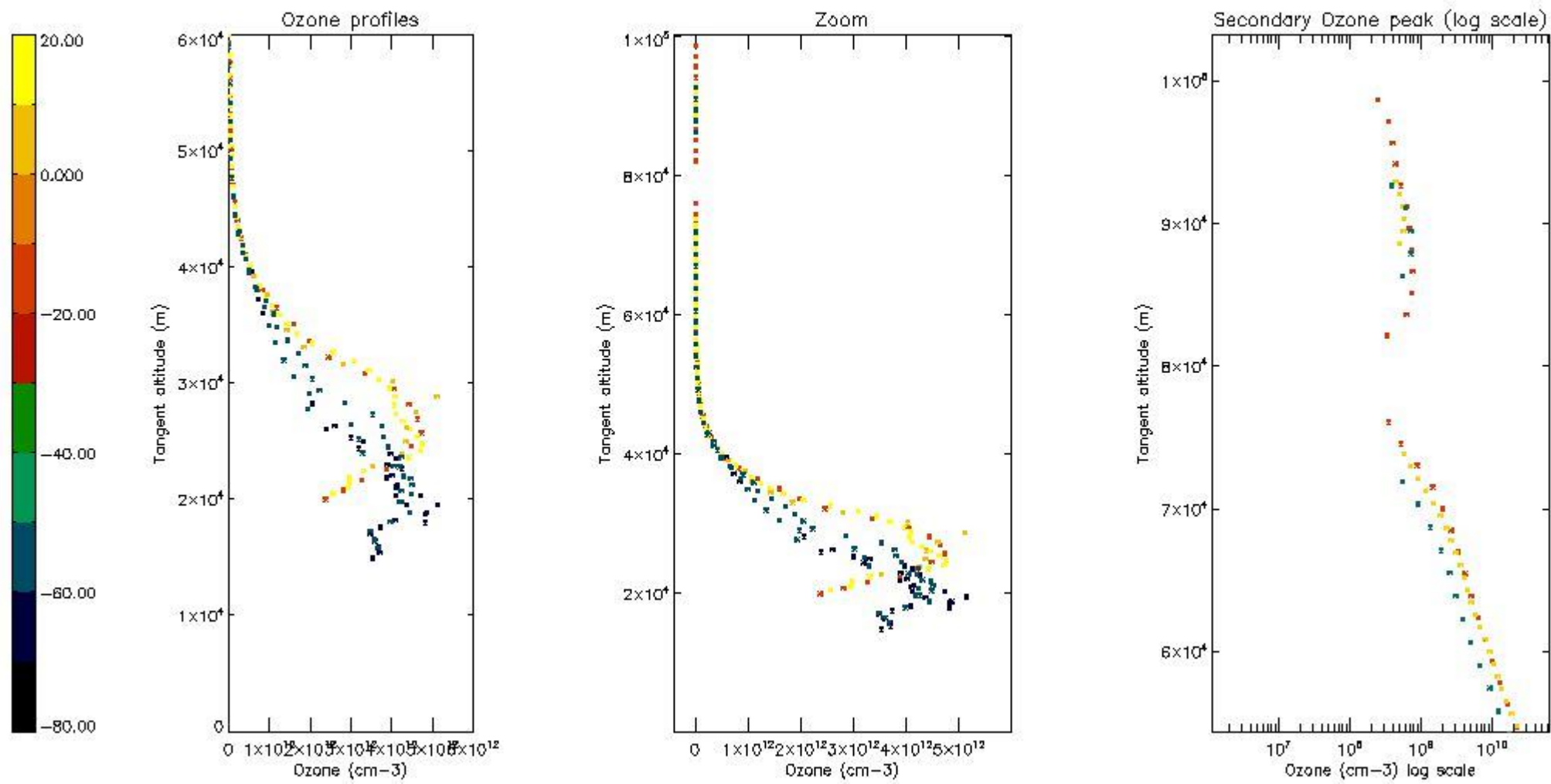
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



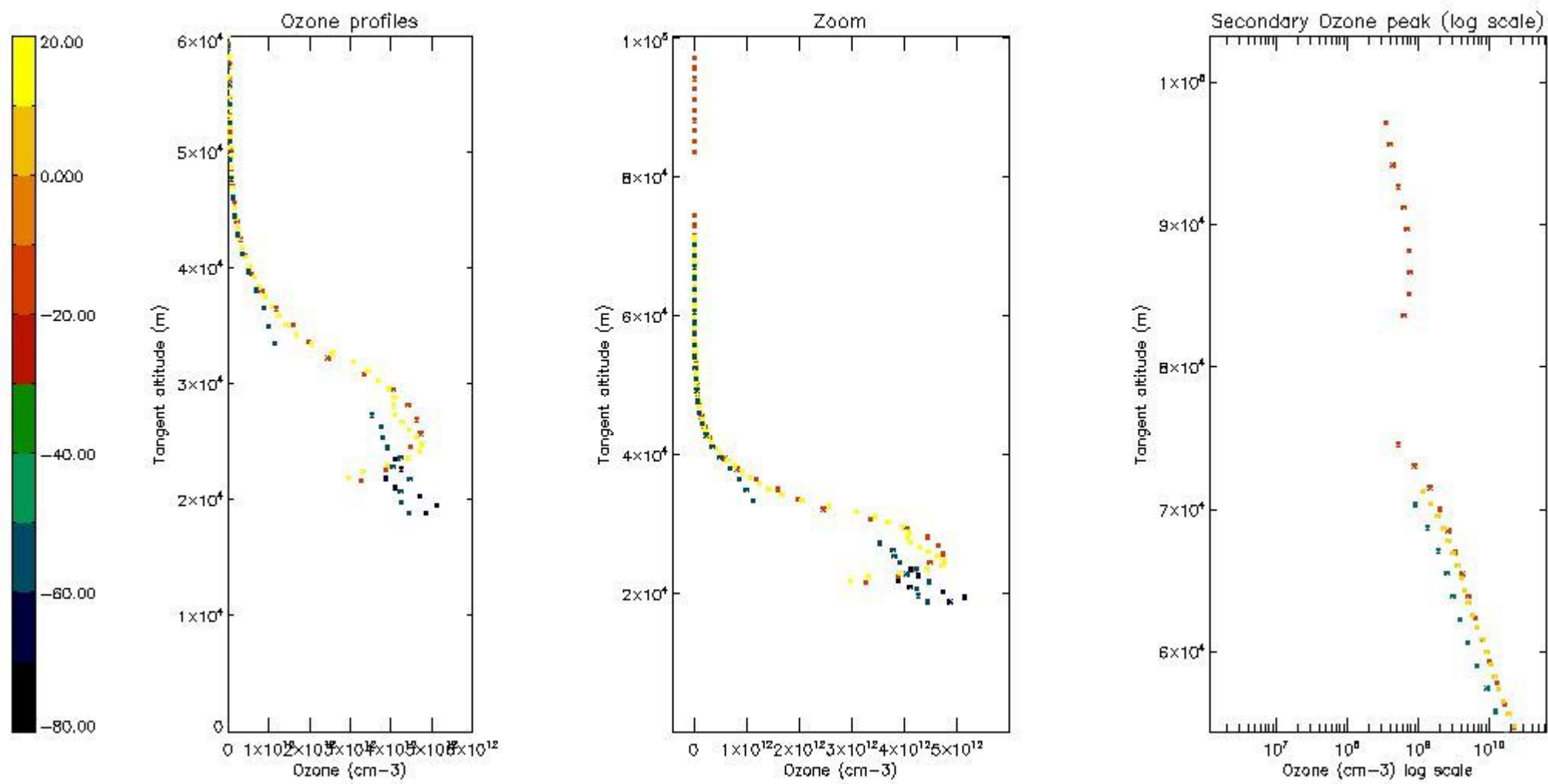
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



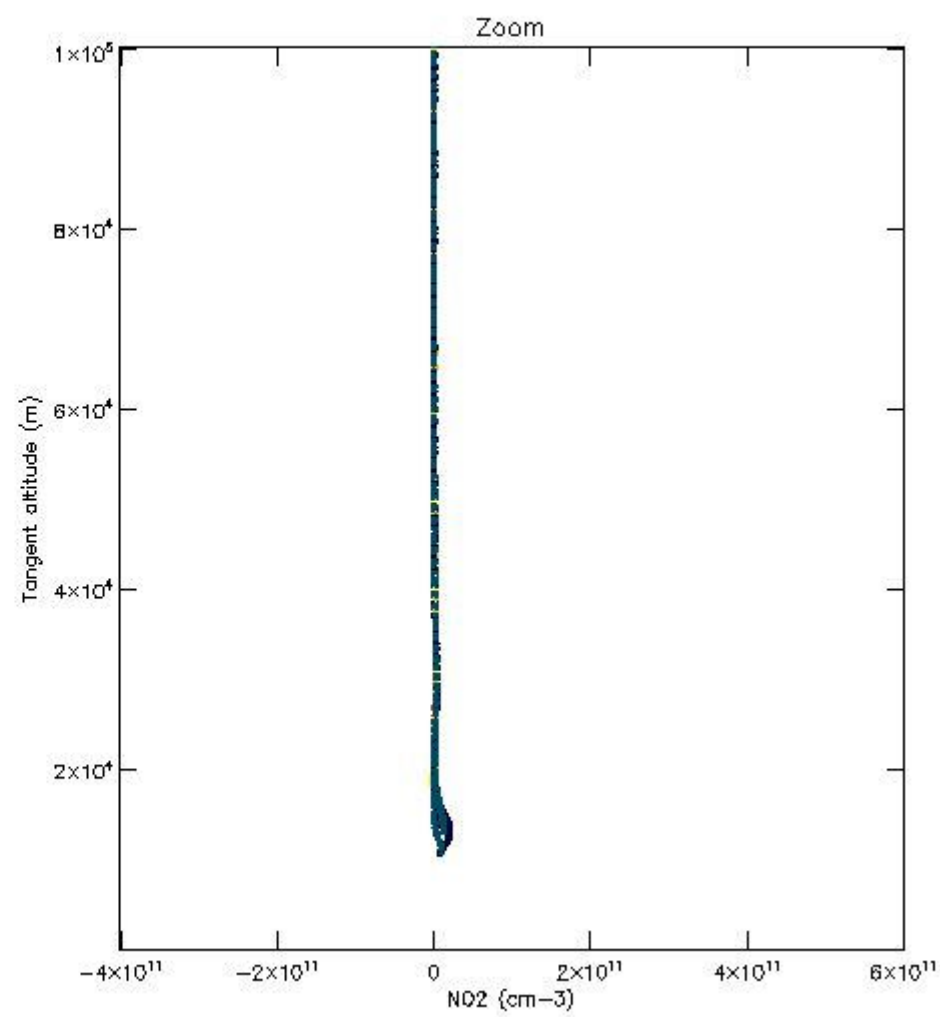
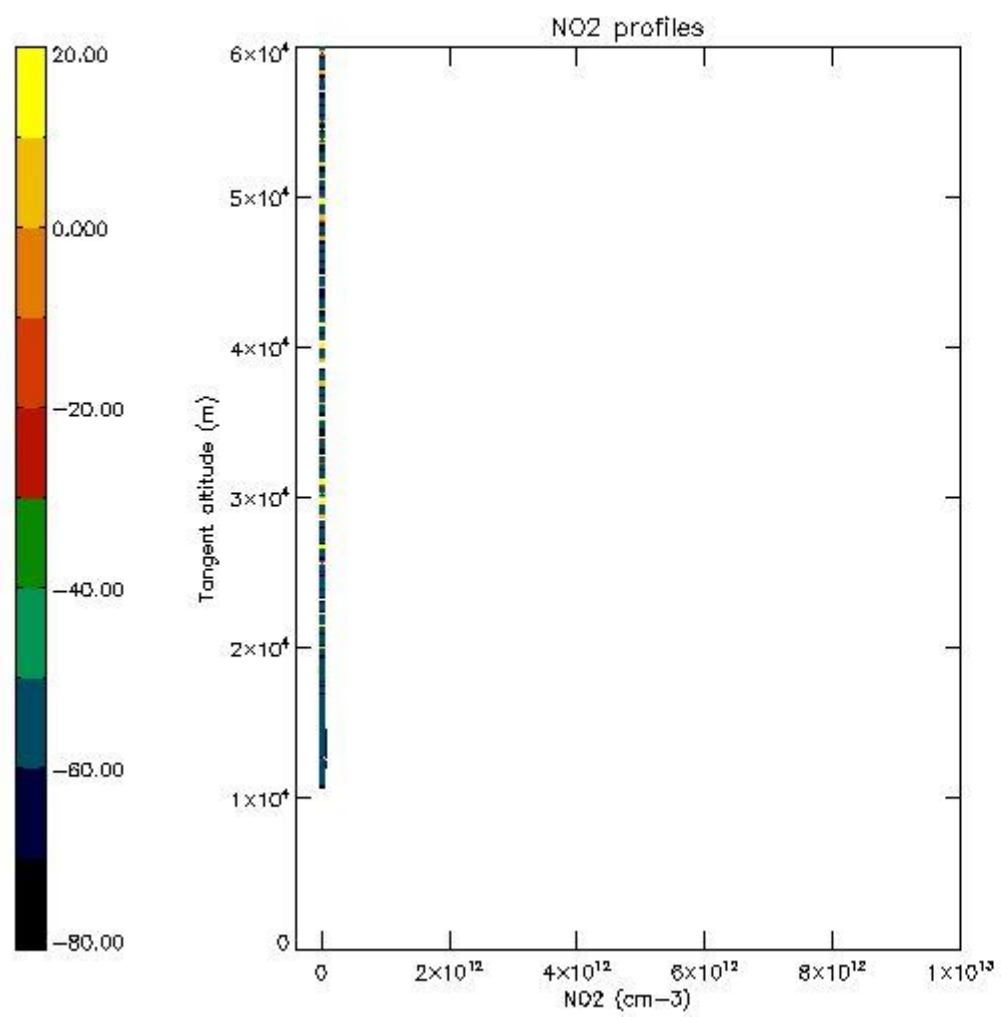
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



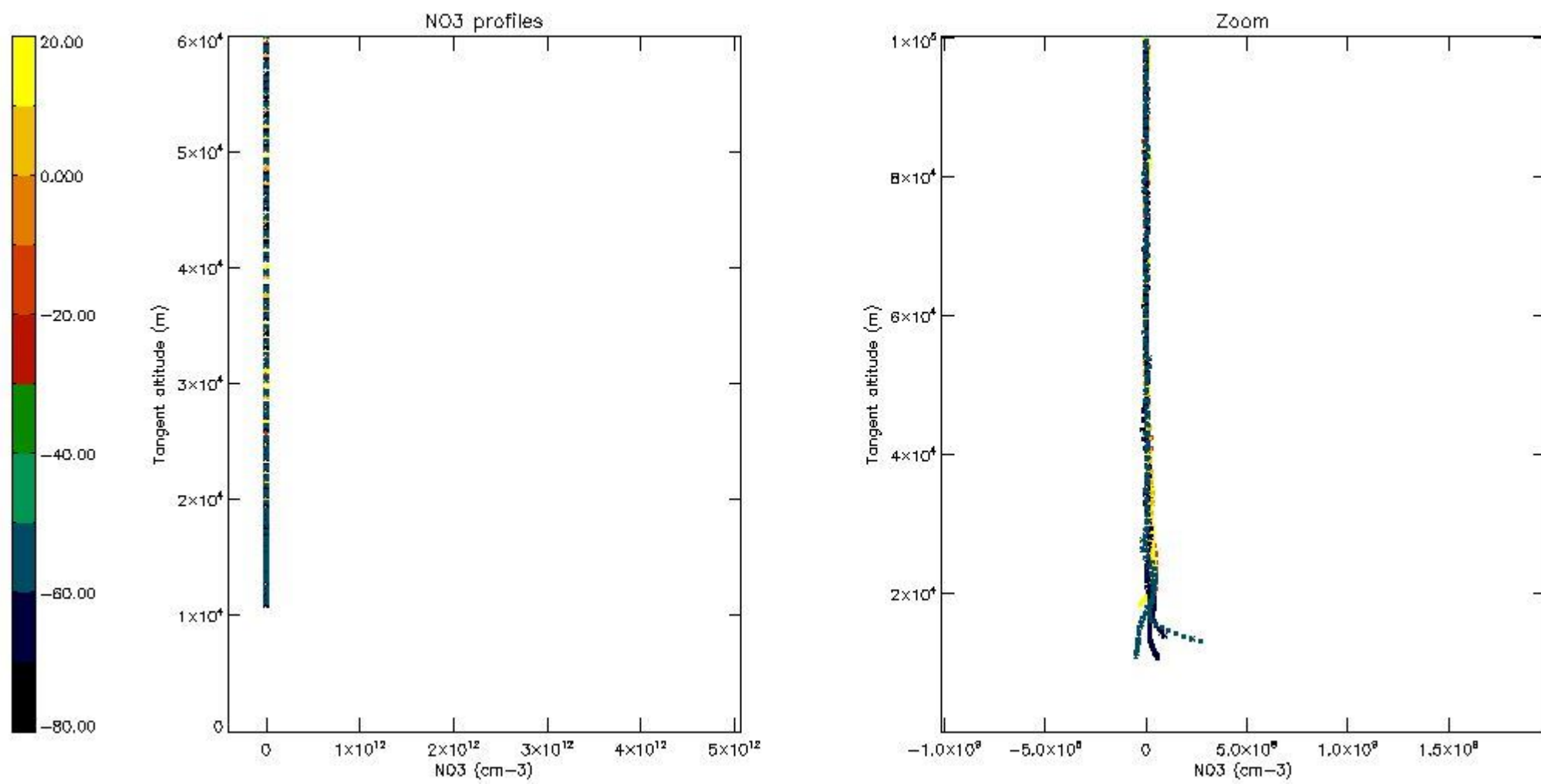
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



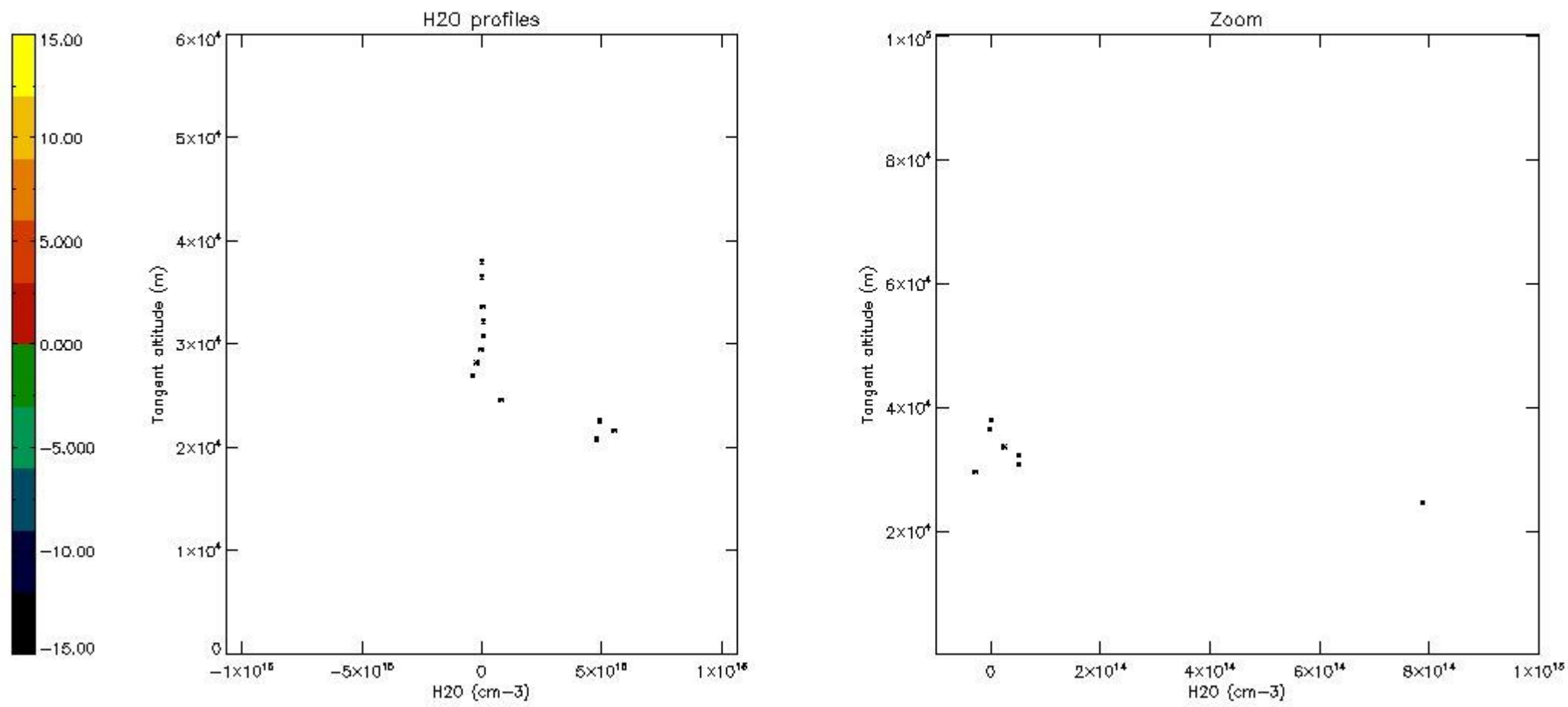
5.7 Plot NO3 profiles for all STD (dark without errors)

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_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	24-APR-2003 22:27:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2003 22:27:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2003 22:27:30

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[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	19APR2013 13:48:55
Data source version	GOMOS/6.01
Start time of products	24-04-2003 (24APR2003 00:00:00)
Stop time of products	25-04-2003 (25APR2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	32
Nb of prods with errors	0

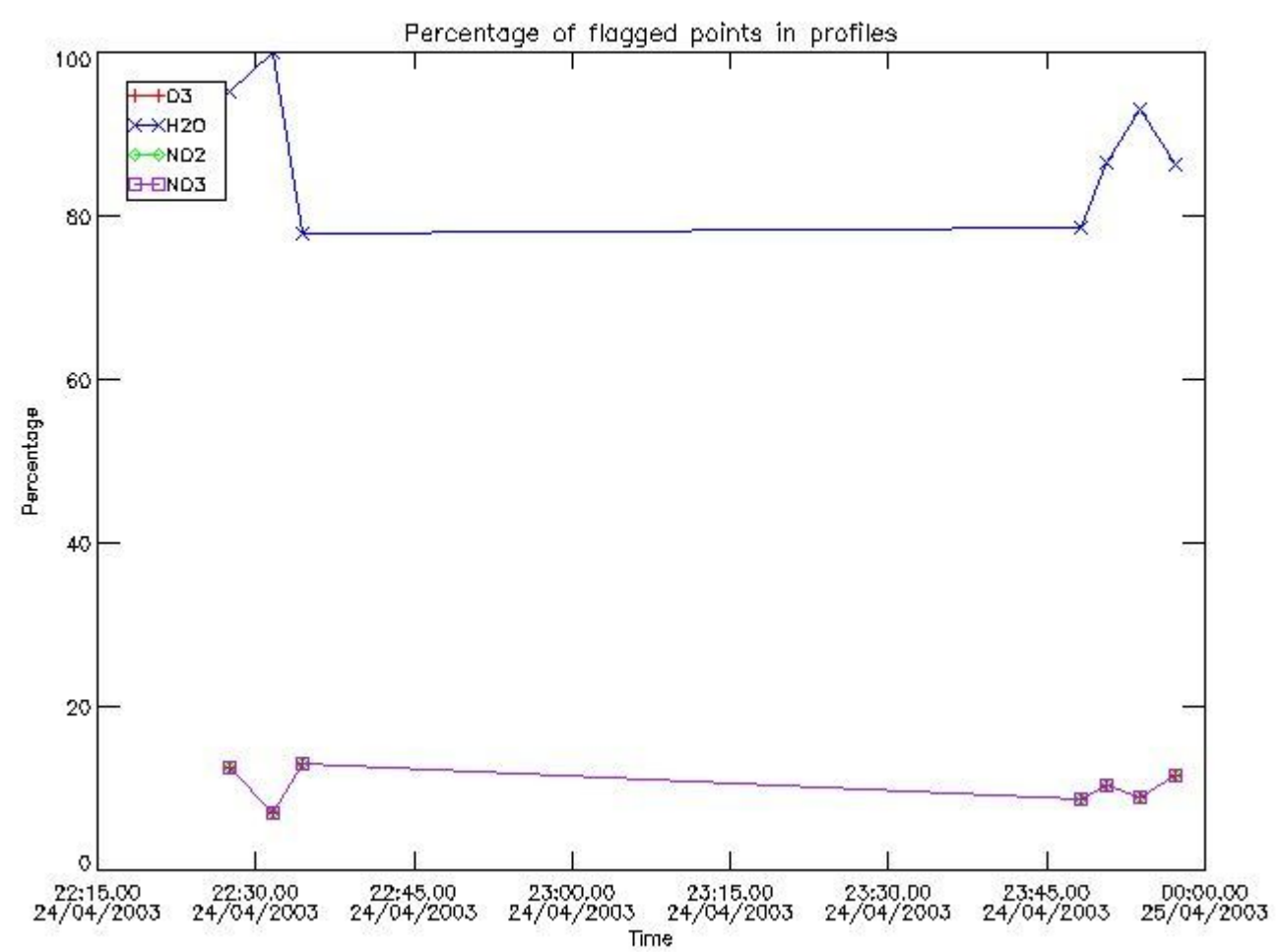
2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20030424_222730_000000412015_00445_06010_6184.N1	24-APR-2003 22:27:30	Dark	41.000	45	Alp Pav	1.9400	26000.	82	6010	No
2	GOM_NL__2PRFIN20030424_223139_000000732015_00445_06010_6185.N1	24-APR-2003 22:31:39	Dark	73.000	103	38Zet Sgr	2.6000	9700.0	146	6010	No
3	GOM_NL__2PRFIN20030424_223430_000000392015_00445_06010_6186.N1	24-APR-2003 22:34:30	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	6010	No
4	GOM_NL__2PRFIN20030424_223628_000000672015_00445_06010_6187.N1	24-APR-2003 22:36:28	Straylight	66.500	40	The Sco	1.8590	7100.0	133	6010	No
5	GOM_NL__2PRFIN20030424_223853_000000442015_00445_06010_6188.N1	24-APR-2003 22:38:53	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	6010	No
6	GOM_NL__2PRFIN20030424_224134_000000642015_00445_06010_6189.N1	24-APR-2003 22:41:34	Straylight	64.000	75	26Eps Sco	2.2910	4250.0	128	6010	No
7	GOM_NL__2PRFIN20030424_224347_000000432015_00445_06010_6190.N1	24-APR-2003 22:43:47	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	6010	No
8	GOM_NL__2PRFIN20030424_224539_000000892015_00445_06010_6191.N1	24-APR-2003 22:45:39	Twilight_stray	89.000	16	21Alp Sco	1.0200	3000.0	178	6010	No
9	GOM_NL__2PRFIN20030424_224816_000000732015_00445_06010_6192.N1	24-APR-2003 22:48:16	Twilight_stray	73.000	80	7Del Sco	2.3160	30000.	146	6010	No
10	GOM_NL__2PRFIN20030424_225024_000000432015_00445_06010_6193.N1	24-APR-2003 22:50:24	Twilight_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	6010	No
11	GOM_NL__2PRFIN20030424_225148_000000492015_00445_06010_6194.N1	24-APR-2003 22:51:48	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	6010	No
12	GOM_NL__2PRFIN20030424_225424_000000562015_00445_06010_6195.N1	24-APR-2003 22:54:24	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	6010	No
13	GOM_NL__2PRFIN20030424_225652_000000362015_00445_06010_6196.N1	24-APR-2003 22:56:52	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	6010	No
14	GOM_NL__2PRFIN20030424_230020_000000372015_00445_06010_6197.N1	24-APR-2003 23:00:20	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	6010	No
15	GOM_NL__2PRFIN20030424_230302_000000422015_00445_06010_6198.N1	24-APR-2003 23:03:02	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	6010	No
16	GOM_NL__2PRFIN20030424_230813_000000362015_00445_06010_6199.N1	24-APR-2003 23:08:13	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	6010	No
17	GOM_NL__2PRFIN20030424_231013_000000442015_00445_06010_6200.N1	24-APR-2003 23:10:13	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	6010	No
18	GOM_NL__2PRFIN20030424_231204_000000382015_00445_06010_6201.N1	24-APR-2003 23:12:04	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	6010	No
19	GOM_NL__2PRFIN20030424_231341_000000352015_00445_06010_6202.N1	24-APR-2003 23:13:41	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	6010	No
20	GOM_NL__2PRFIN20030424_231504_000000372015_00445_06010_6203.N1	24-APR-2003 23:15:04	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	6010	No
21	GOM_NL__2PRFIN20030424_231927_000000362015_00445_06010_6204.N1	24-APR-2003 23:19:27	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	6010	No
22	GOM_NL__2PRFIN20030424_232251_000000352015_00445_06010_6205.N1	24-APR-2003 23:22:51	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	6010	No
23	GOM_NL__2PRFIN20030424_232524_000000662015_00445_06010_6206.N1	24-APR-2003 23:25:24	Bright	65.500	69	33Gam Dra	2.2310	3800.0	131	6010	No
24	GOM_NL__2PRFIN20030424_232941_000000432015_00445_06010_6207.N1	24-APR-2003 23:29:41	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	6010	No
25	GOM_NL__2PRFIN20030424_233126_000000362015_00445_06010_6208.N1	24-APR-2003 23:31:26	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	6010	No
26	GOM_NL__2PRFIN20030424_233400_000001572015_00445_06010_6209.N1	24-APR-2003 23:34:00	Bright	156.50	5	3Alp Lyr	0.033000	11000.	313	6010	No
27	GOM_NL__2PRFIN20030424_233953_000000722015_00445_06010_6210.N1	24-APR-2003 23:39:53	Twilight_stray	71.500	92	53Eps Cyg	2.5000	4500.0	143	6010	No
28	GOM_NL__2PRFIN20030424_234435_000000412015_00445_06010_6211.N1	24-APR-2003 23:44:35	Twilight_stray	41.000	90	54Alp Peg	2.4870	11000.	82	6010	No
29	GOM_NL__2PRFIN20030424_234813_000000592015_00445_06010_6212.N1	24-APR-2003 23:48:13	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	6010	No
30	GOM_NL__2PRFIN20030424_235041_000000492015_00445_06010_6213.N1	24-APR-2003 23:50:41	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	6010	No
31	GOM_NL__2PRFIN20030424_235351_000000572015_00445_06010_6214.N1	24-APR-2003 23:53:51	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	6010	No
32	GOM_NL__2PRFIN20030424_235710_000000452015_00445_06010_6215.N1	24-APR-2003 23:57:10	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	6010	No

3. Quality information per product

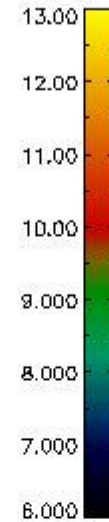
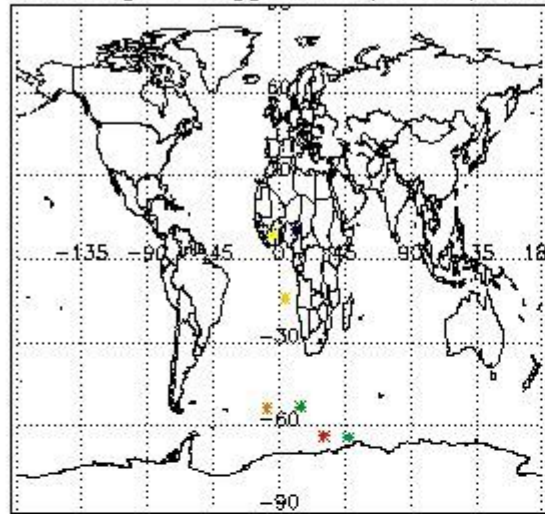
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

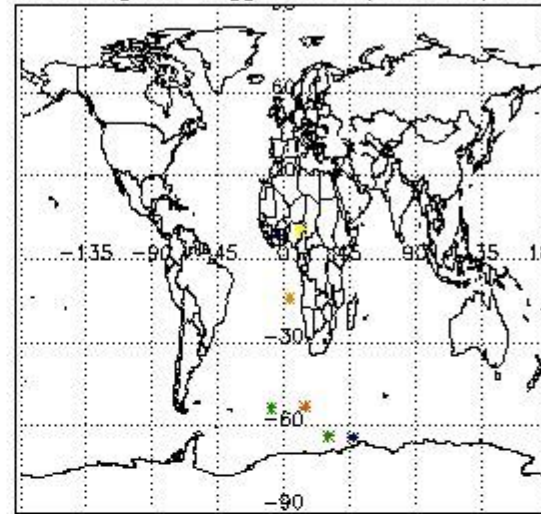


3.2 Plot quality information per product (world map)

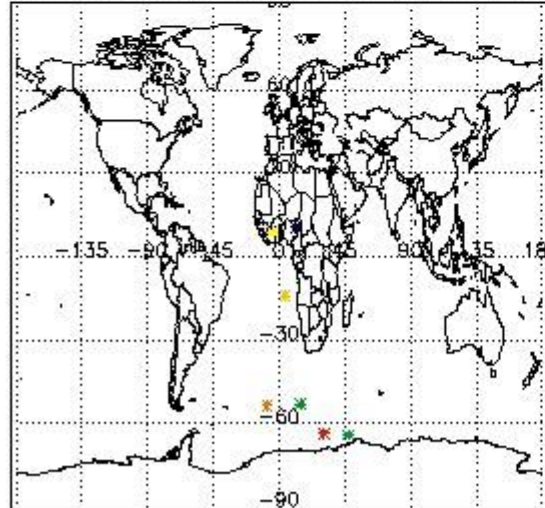
Percentage of flagged data per O3 profile



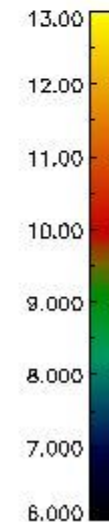
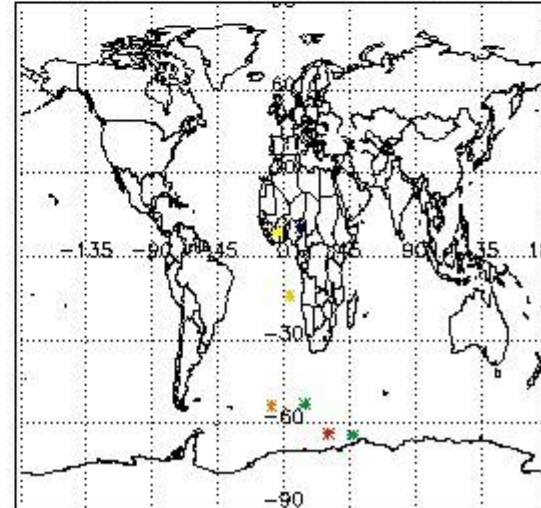
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

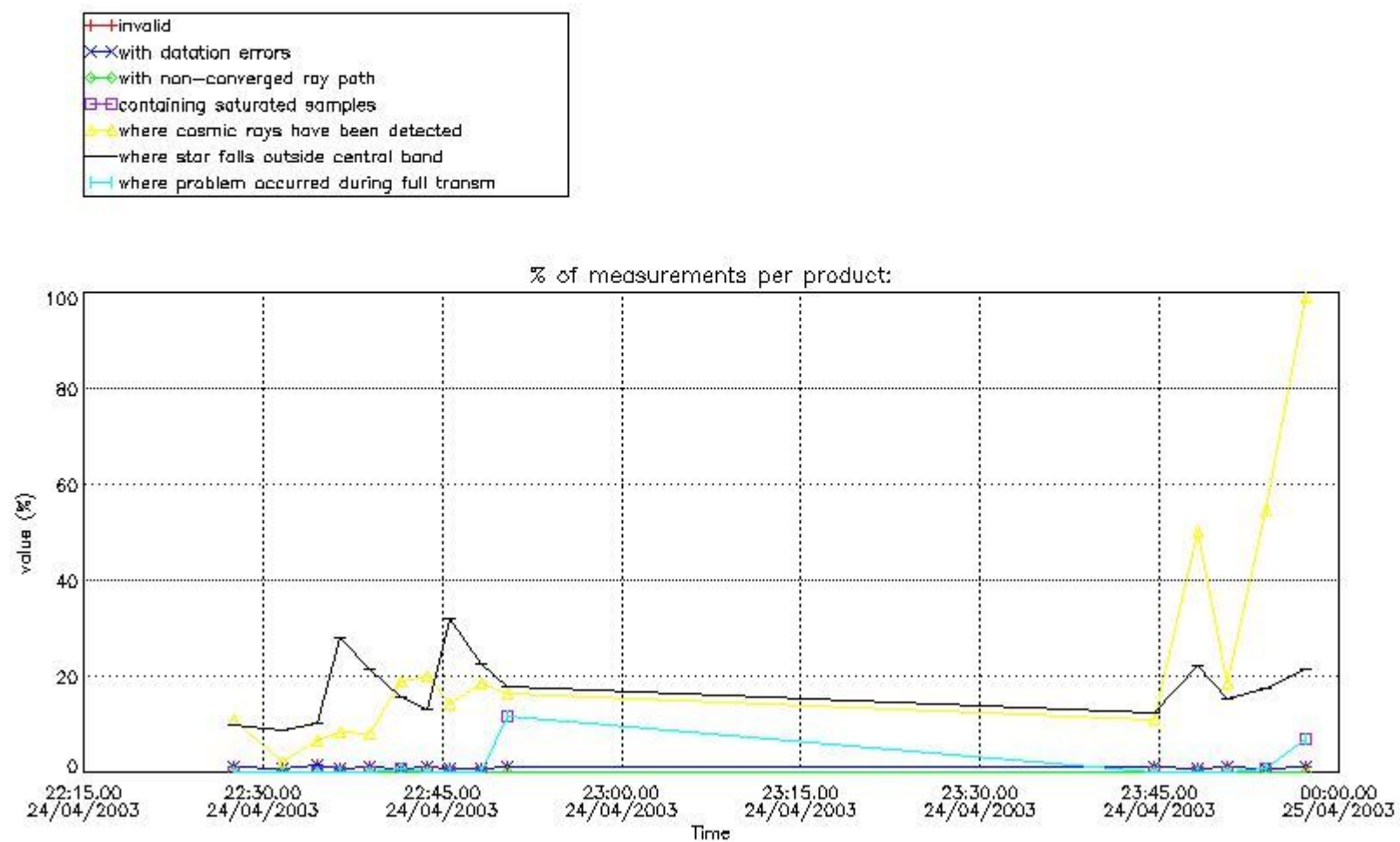


4. Level 1 quality information per product

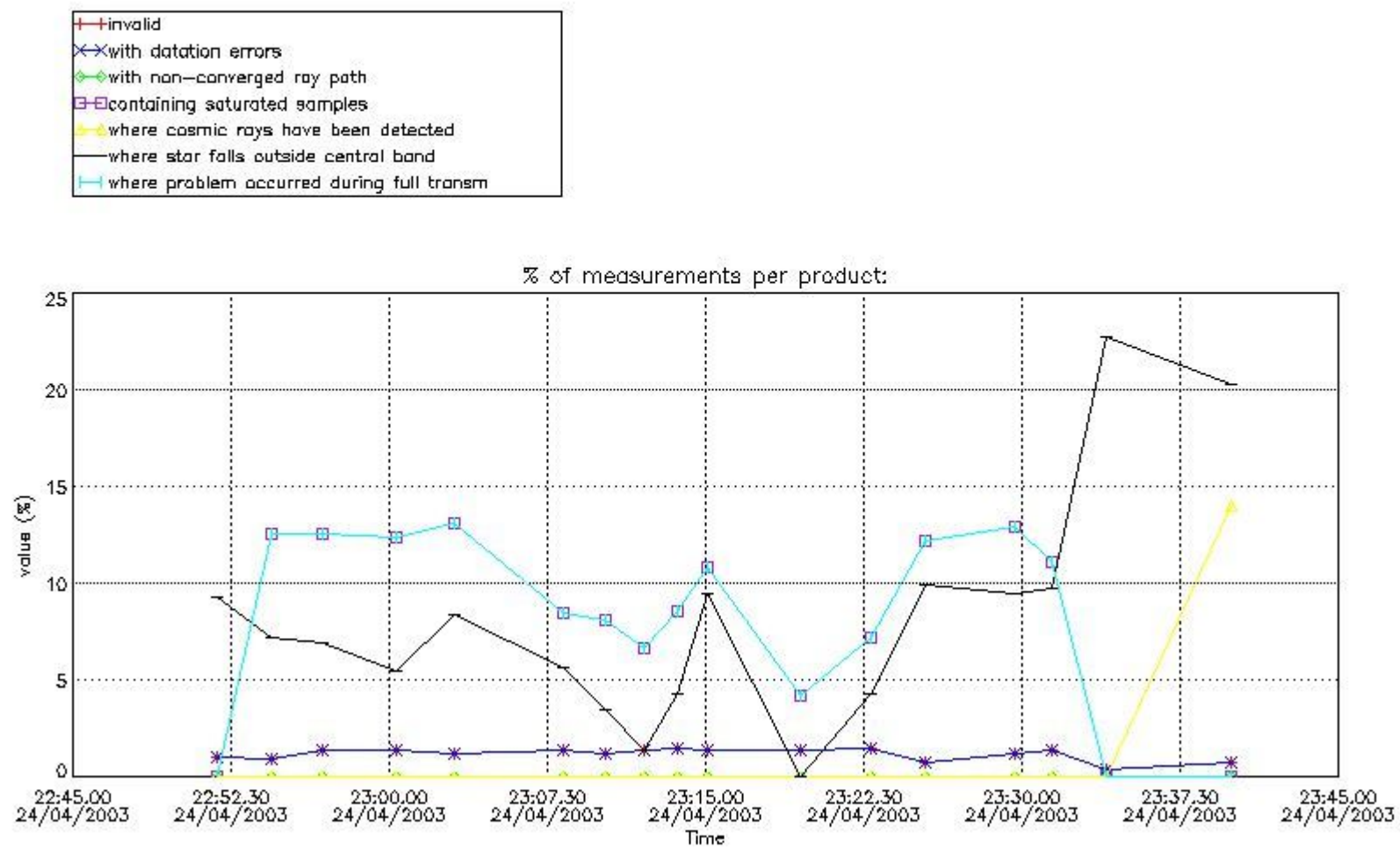
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



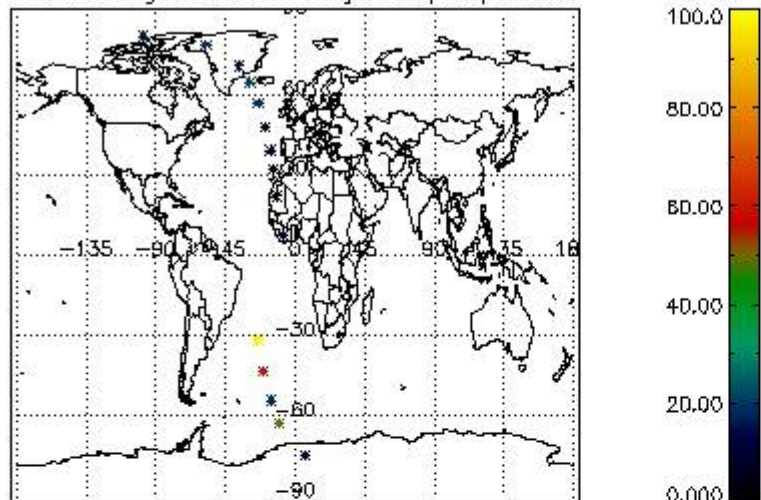
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



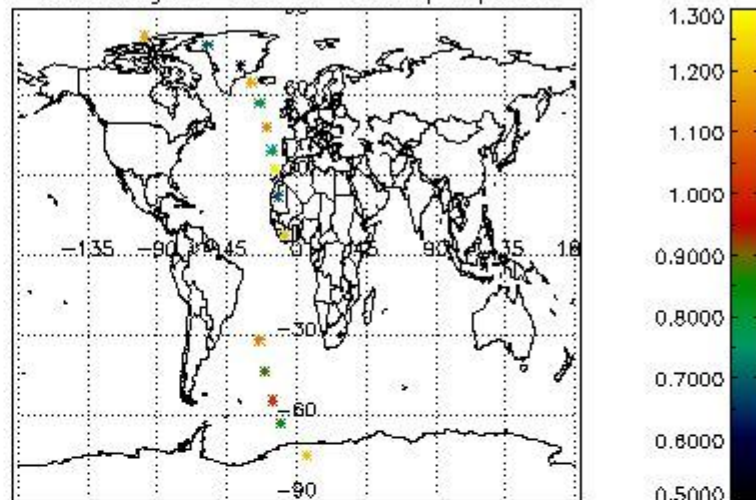
4.2 Plot quality information per product coming from level 1b processing (world map)

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

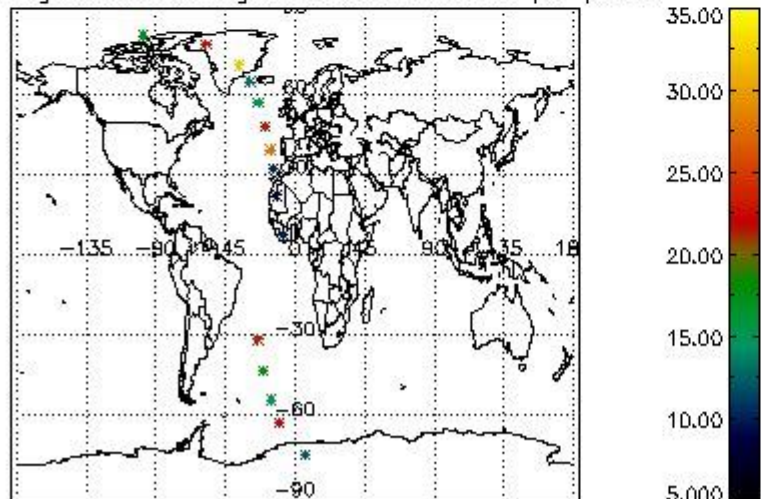
Percentage of cosmic ray hits per profile



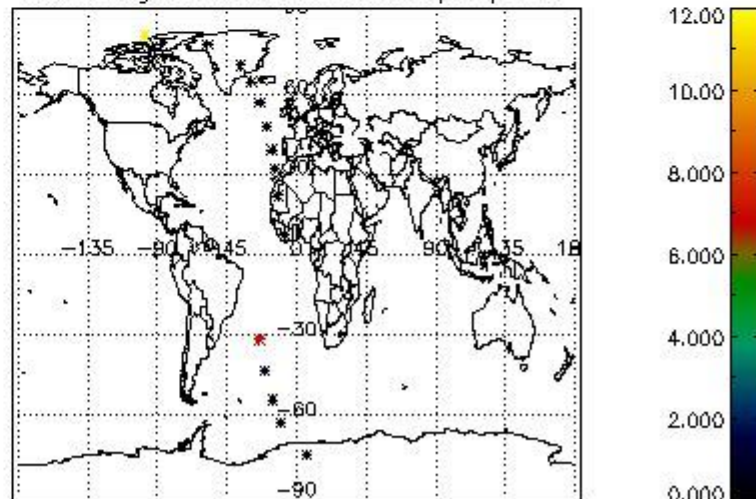
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

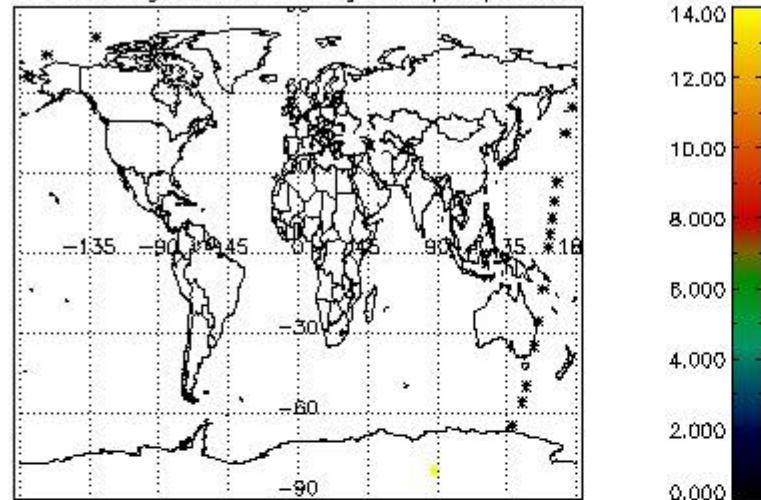


Percentage of saturation errors per profile

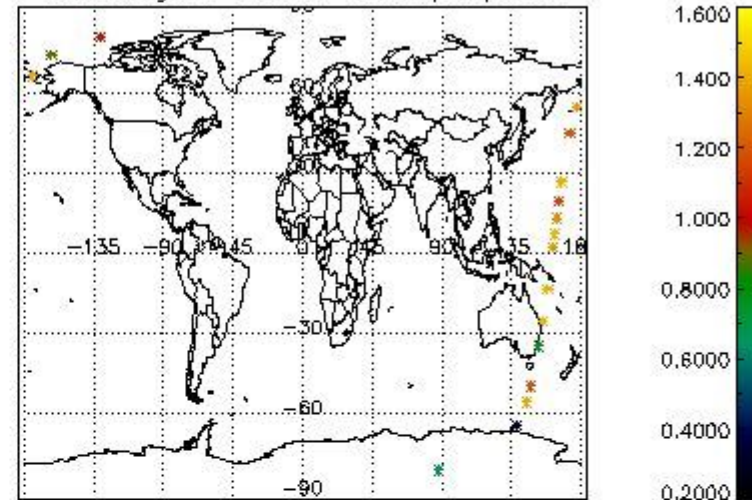


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

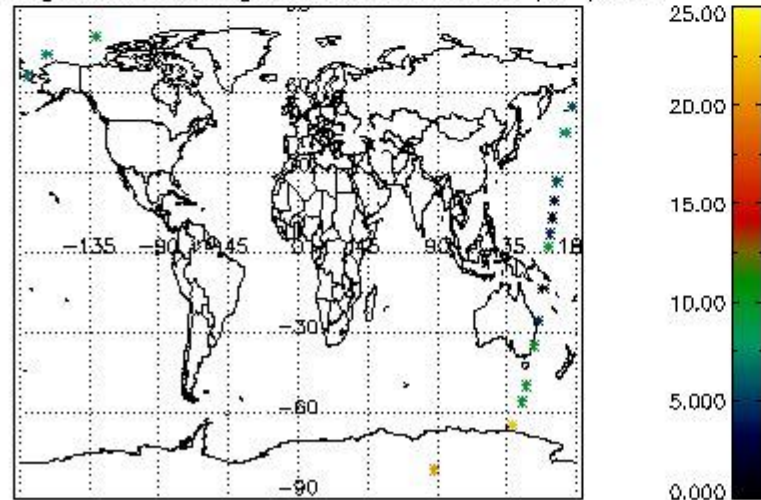
Percentage of cosmic ray hits per profile



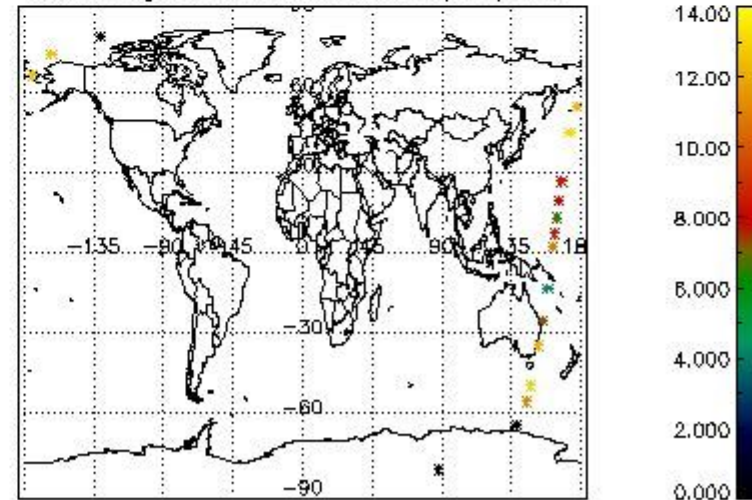
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

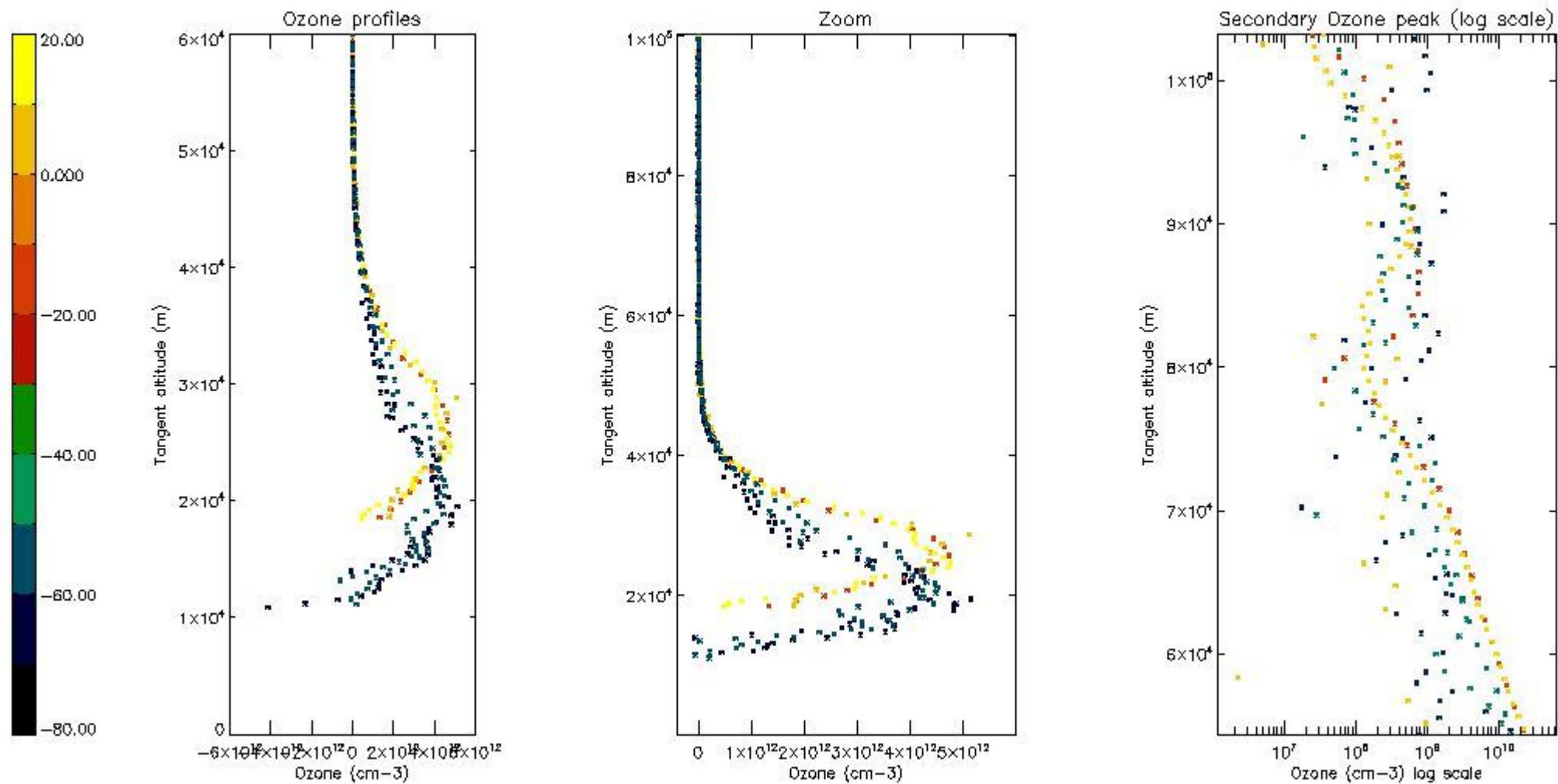
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	11

STD < 10	8
STD < 5	5

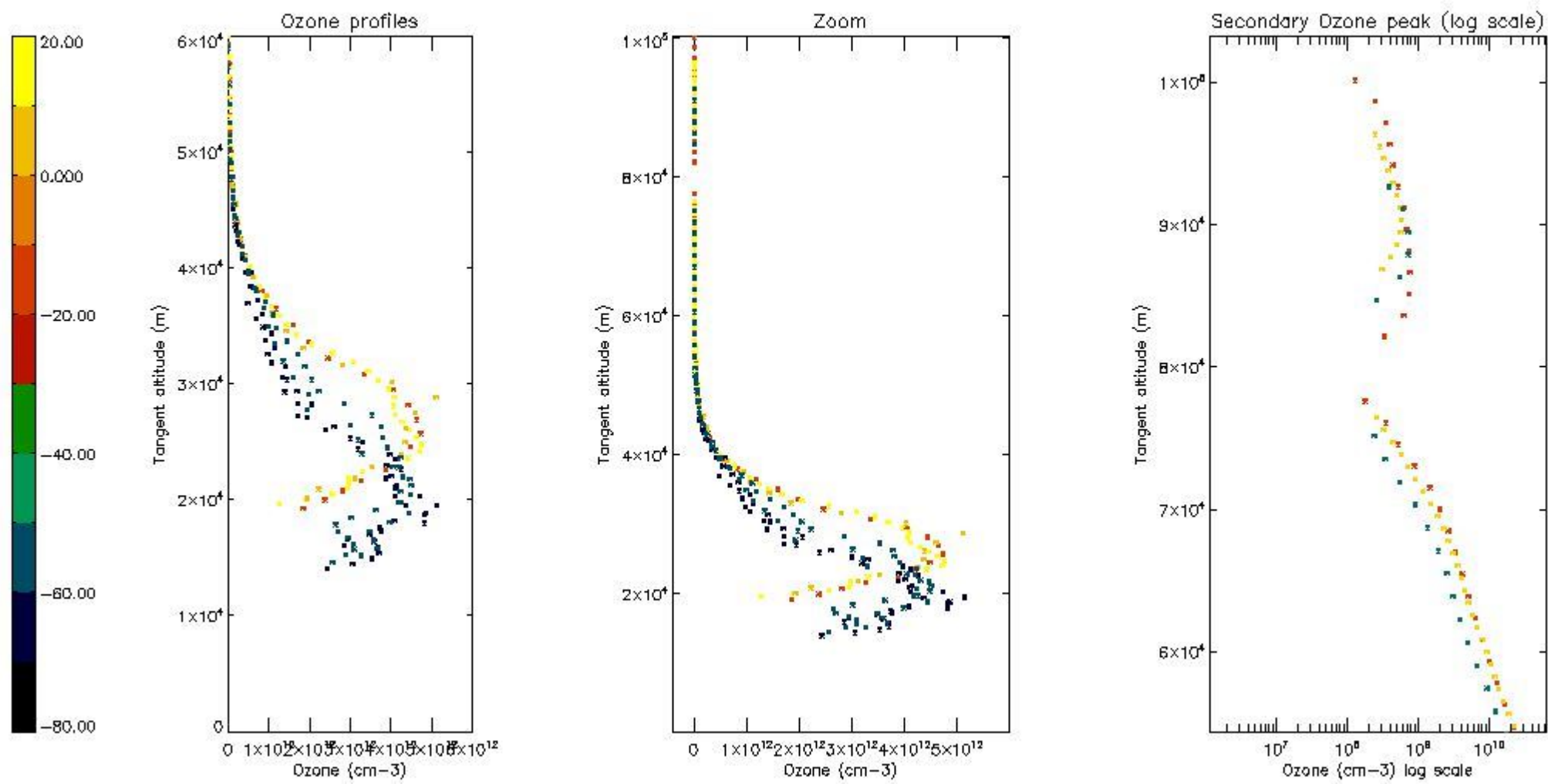
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



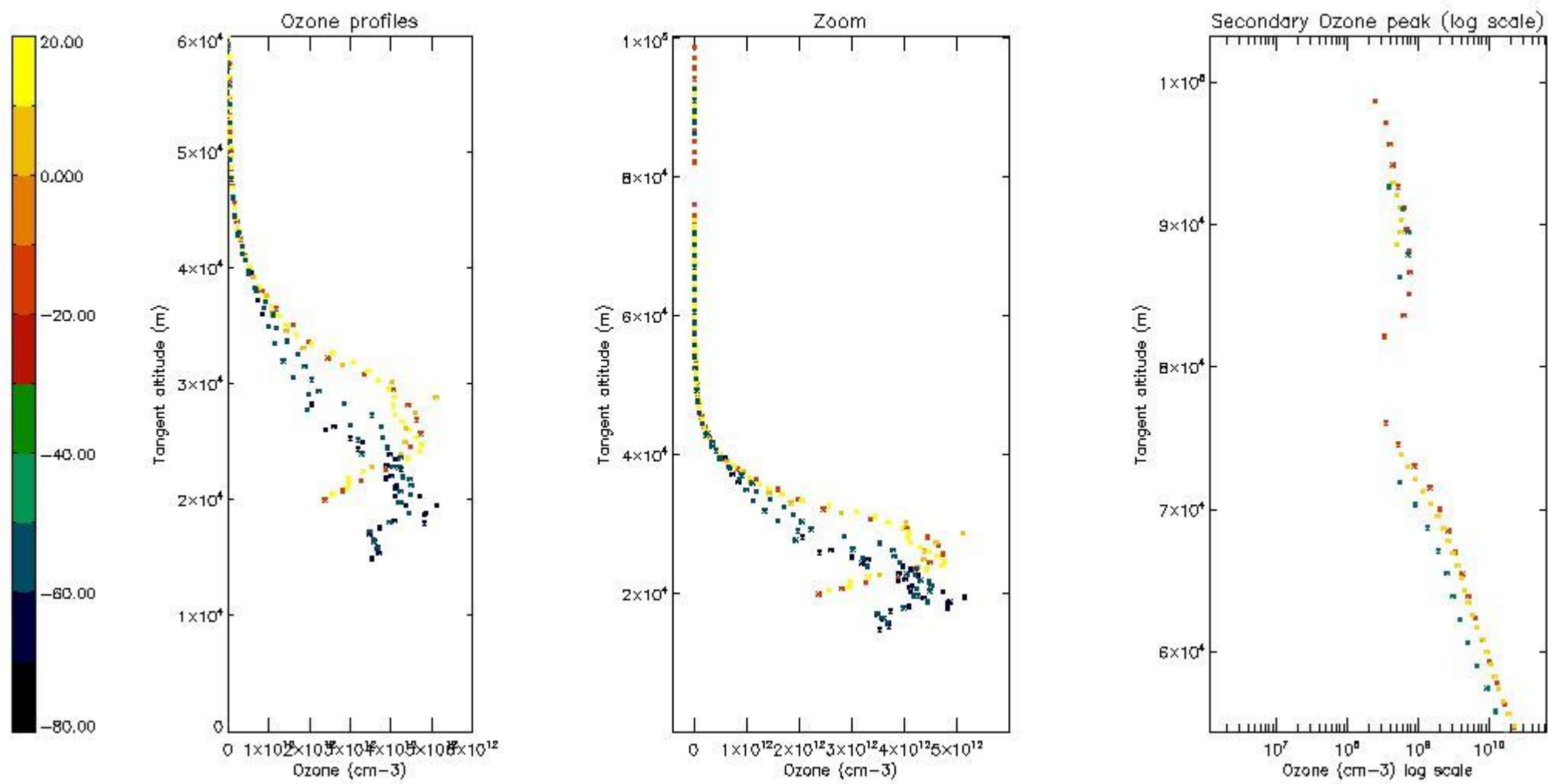
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



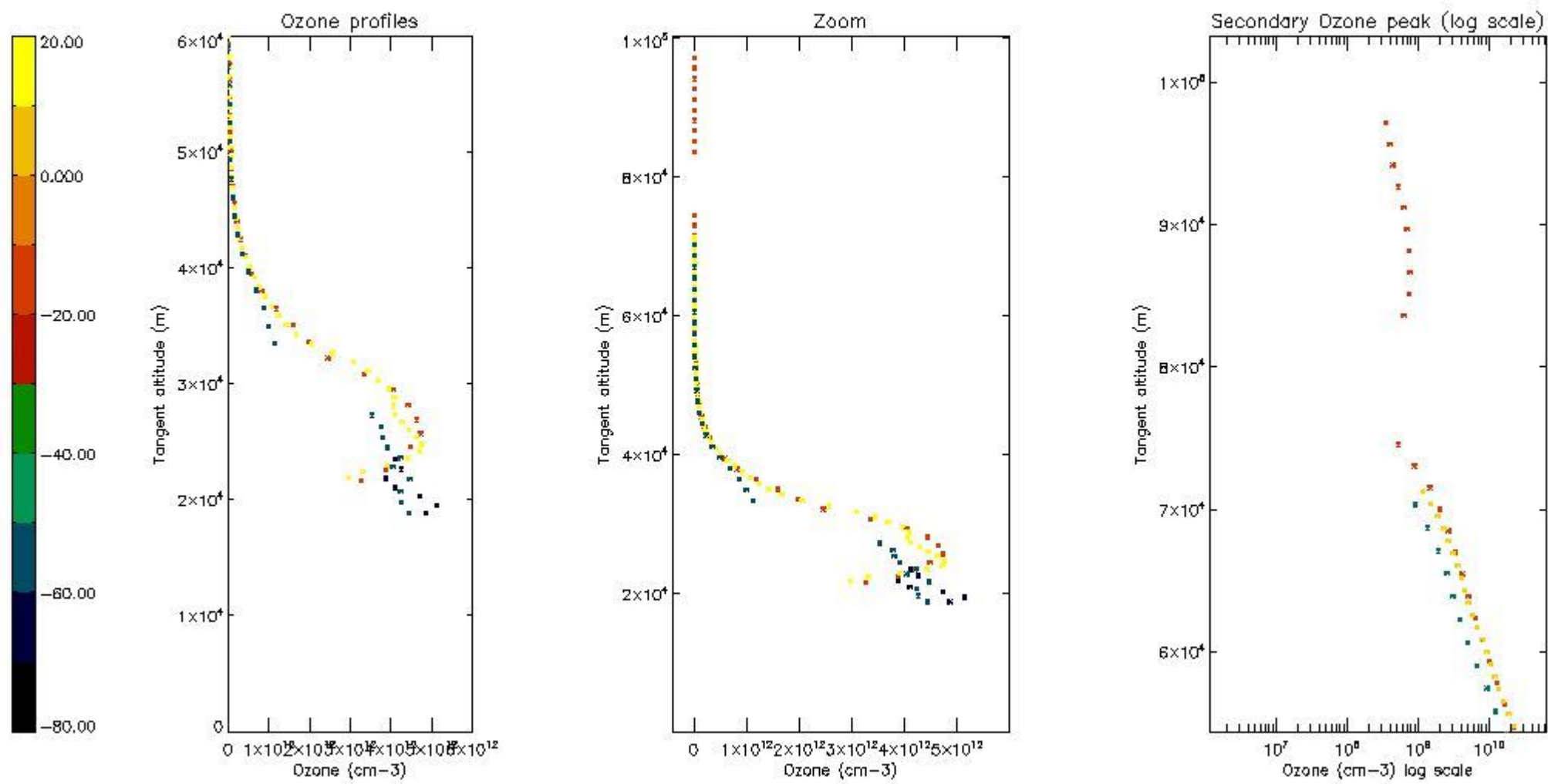
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



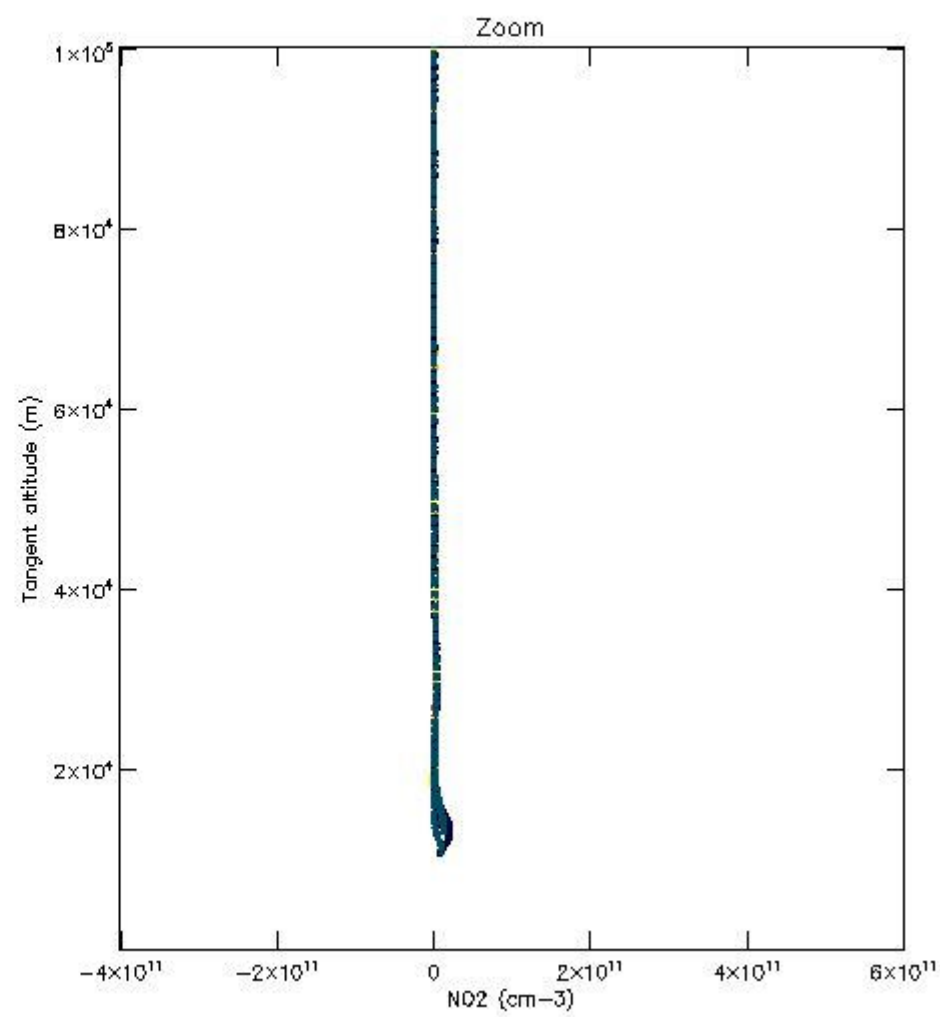
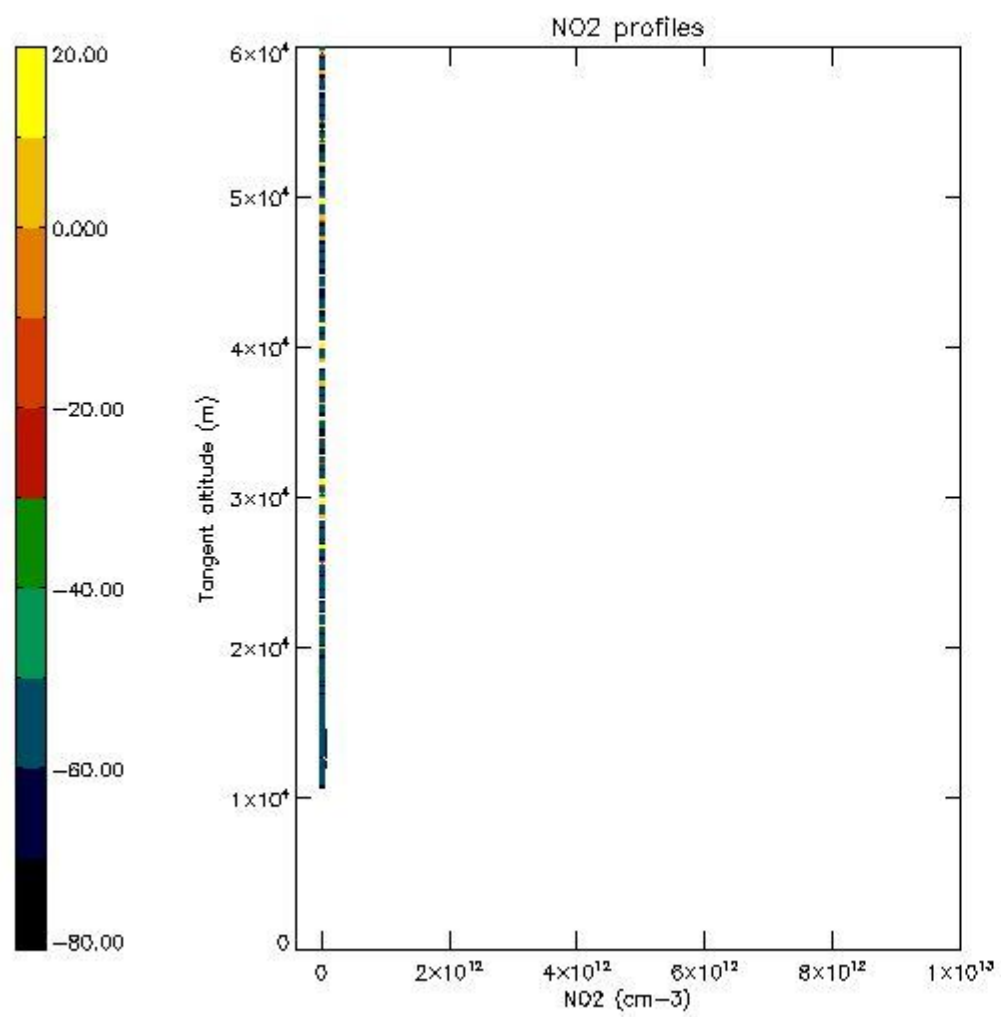
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



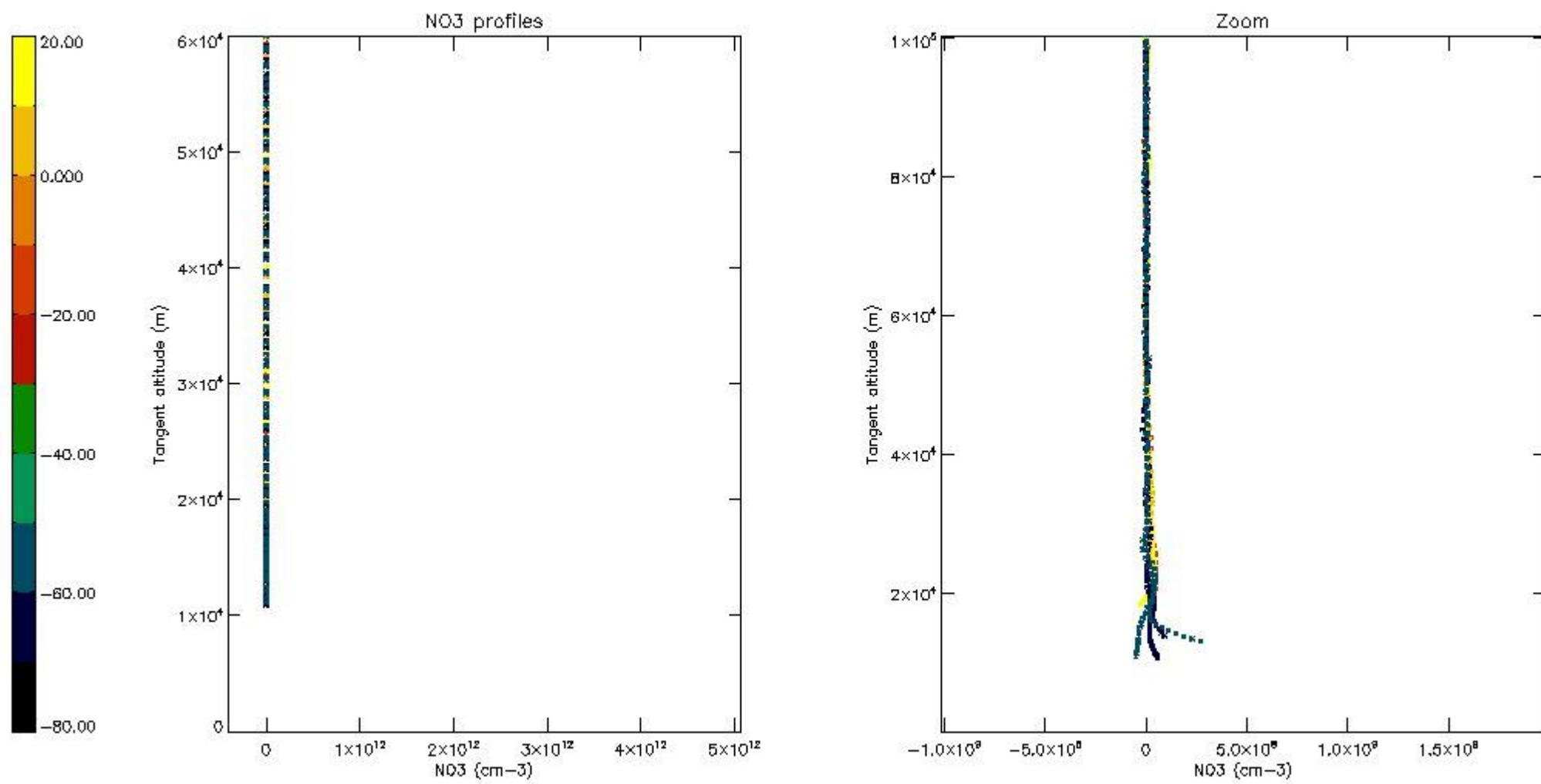
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



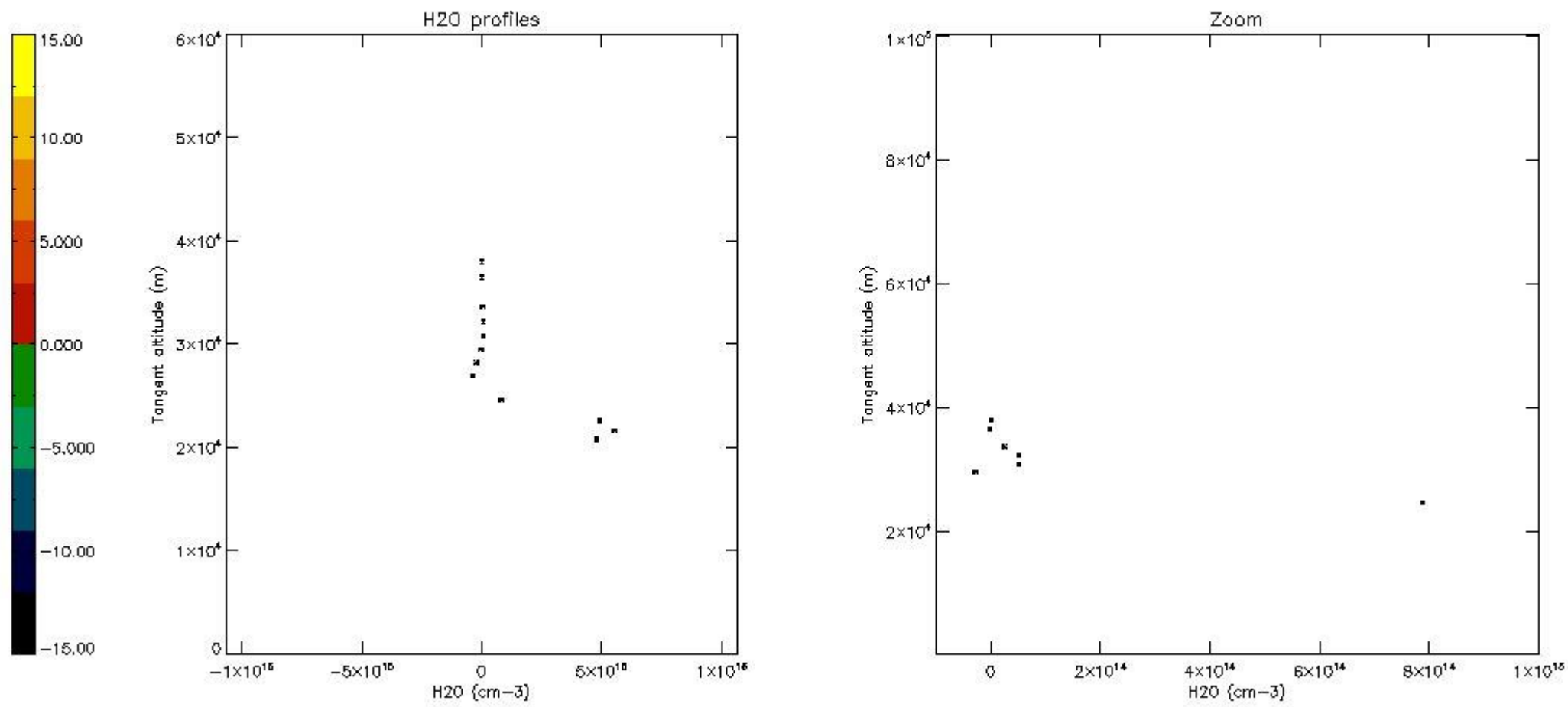
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

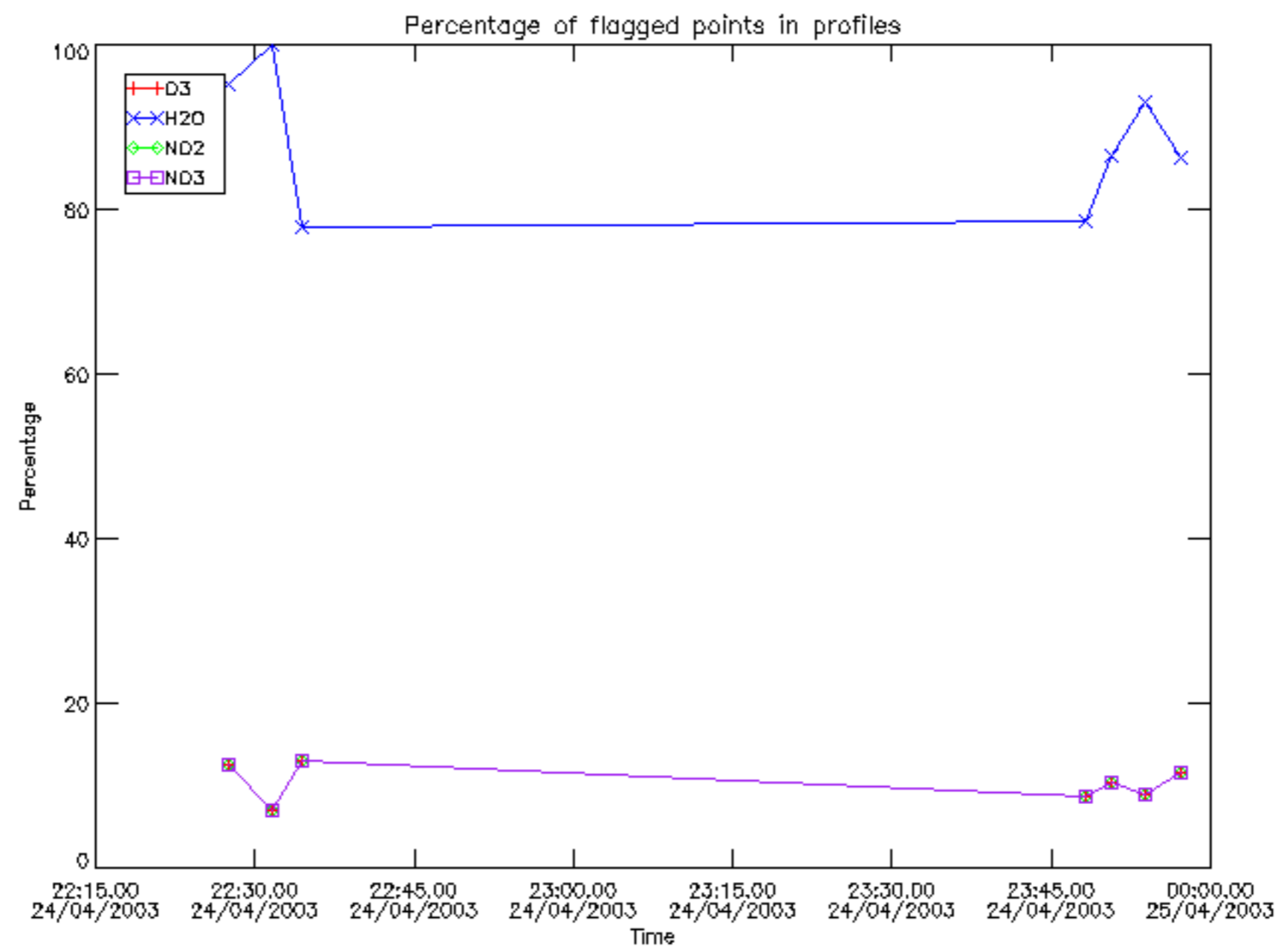
The colorbar represents the latitude.



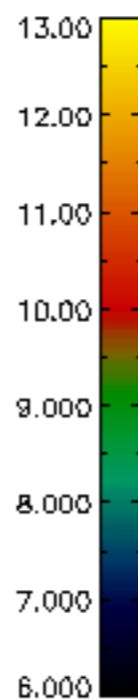
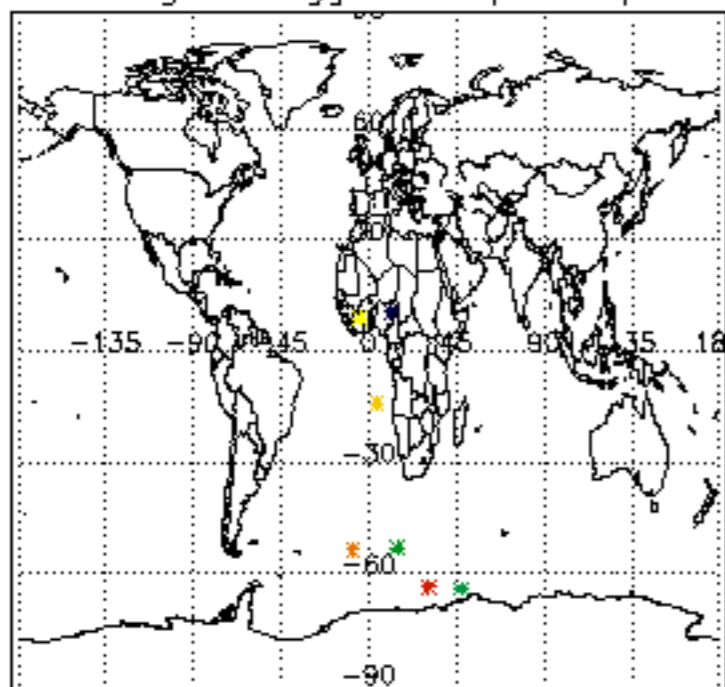
6. Auxiliary Data Files used for the production reported in section 2

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.

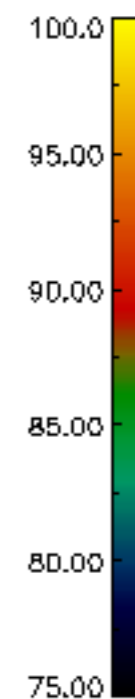
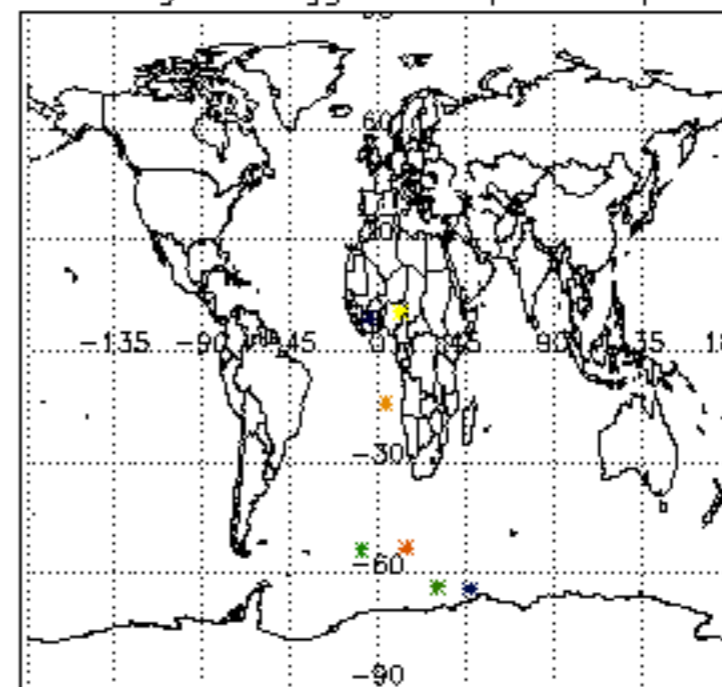
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	24-APR-2003 22:27:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2003 22:27:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2003 22:27:30



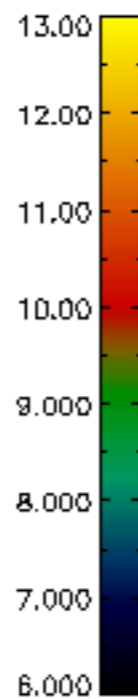
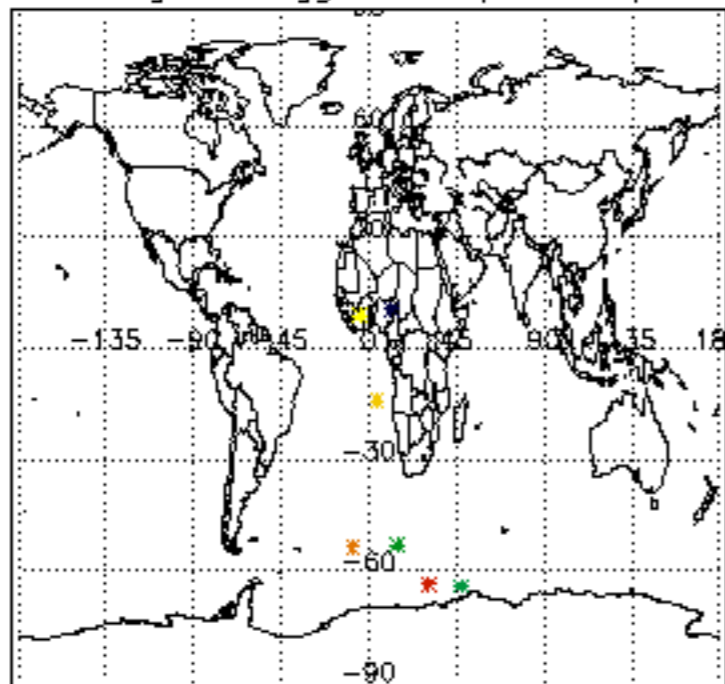
Percentage of flagged data per D3 profile



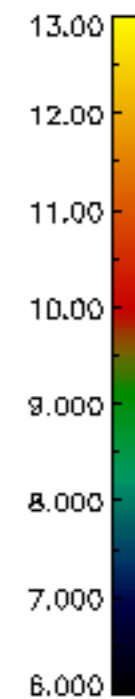
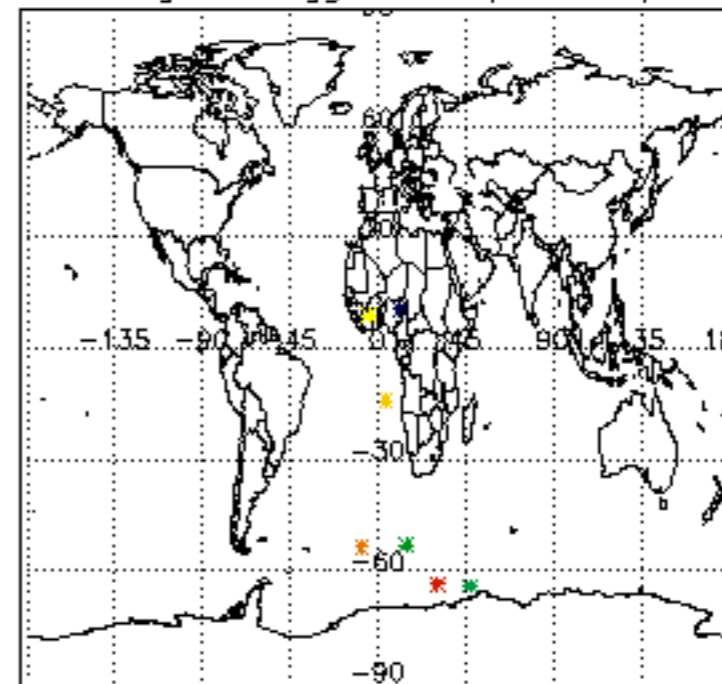
Percentage of flagged data per H2O profile

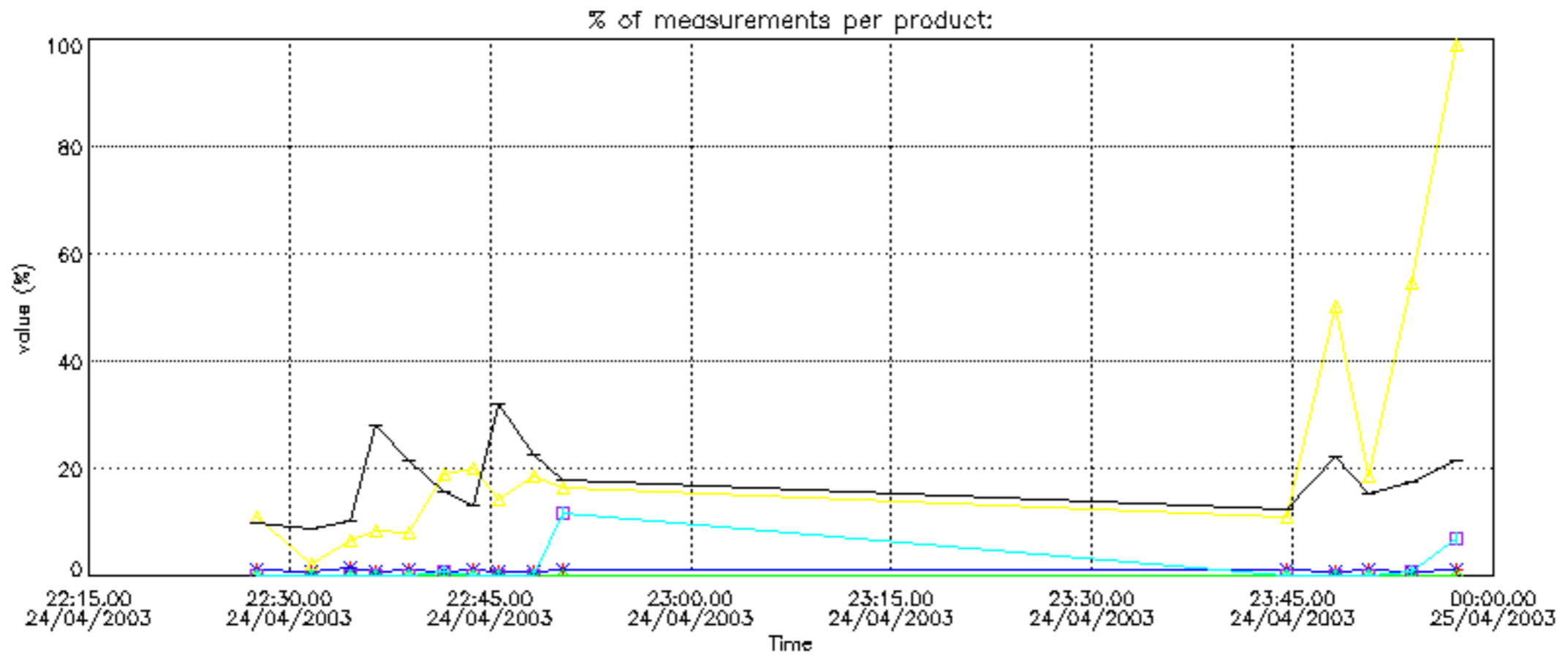


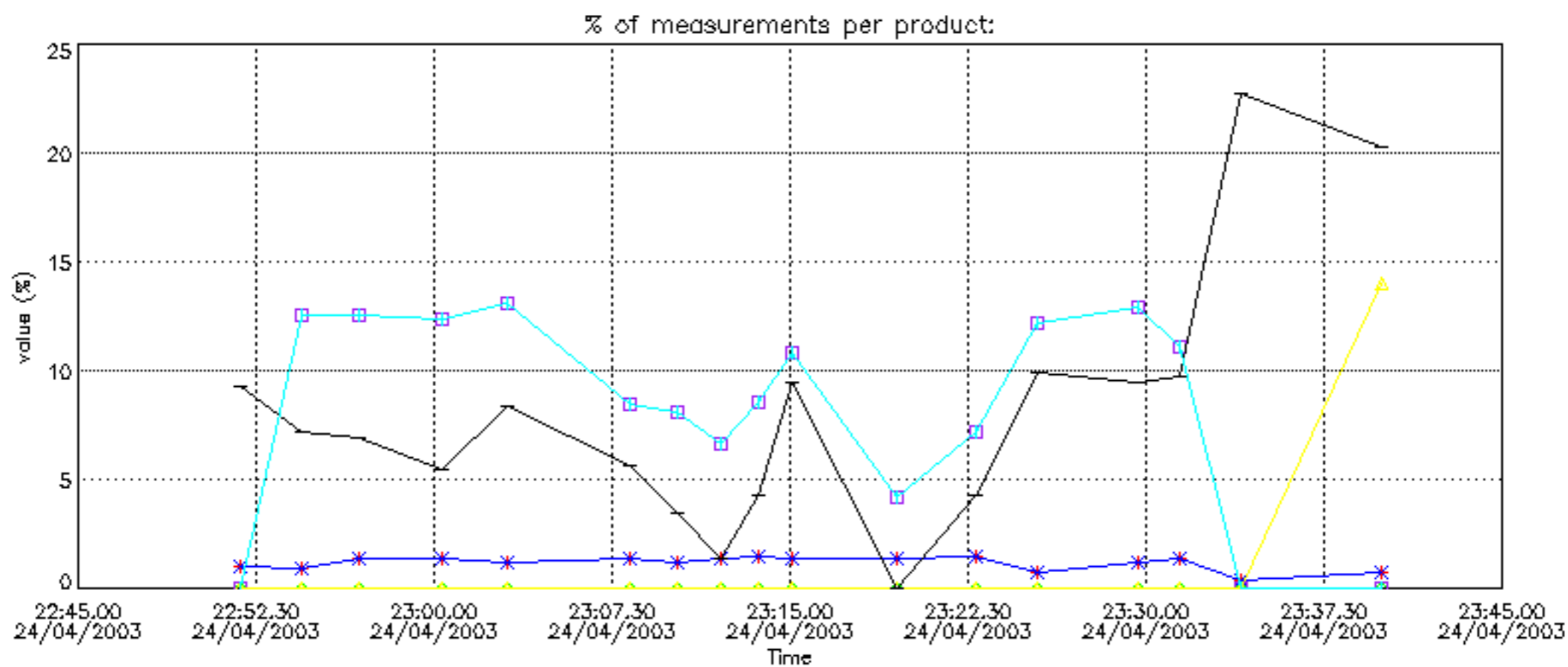
Percentage of flagged data per NO2 profile



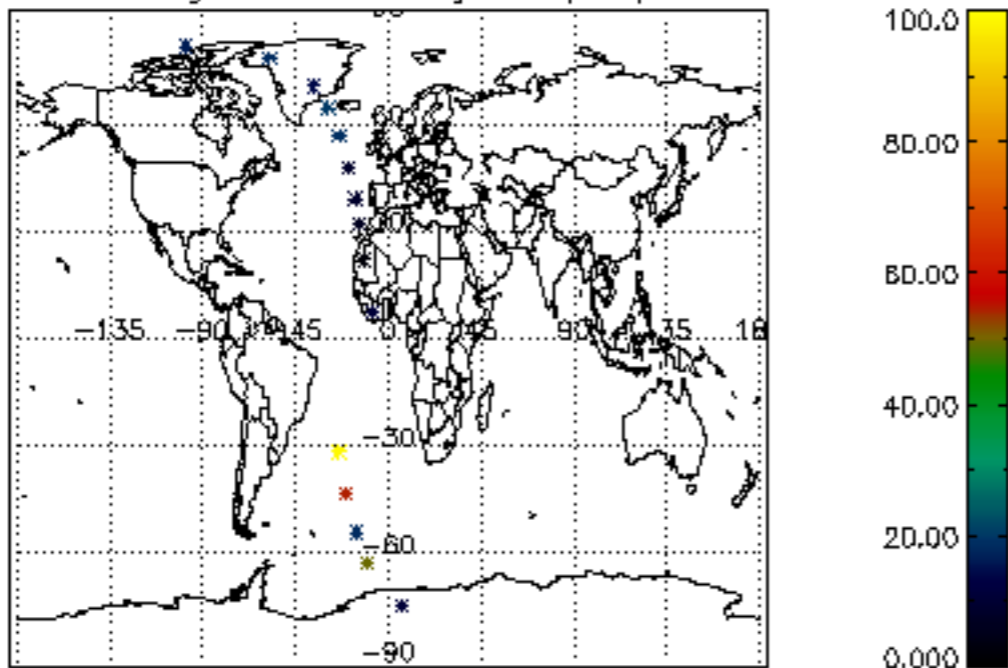
Percentage of flagged data per NO3 profile



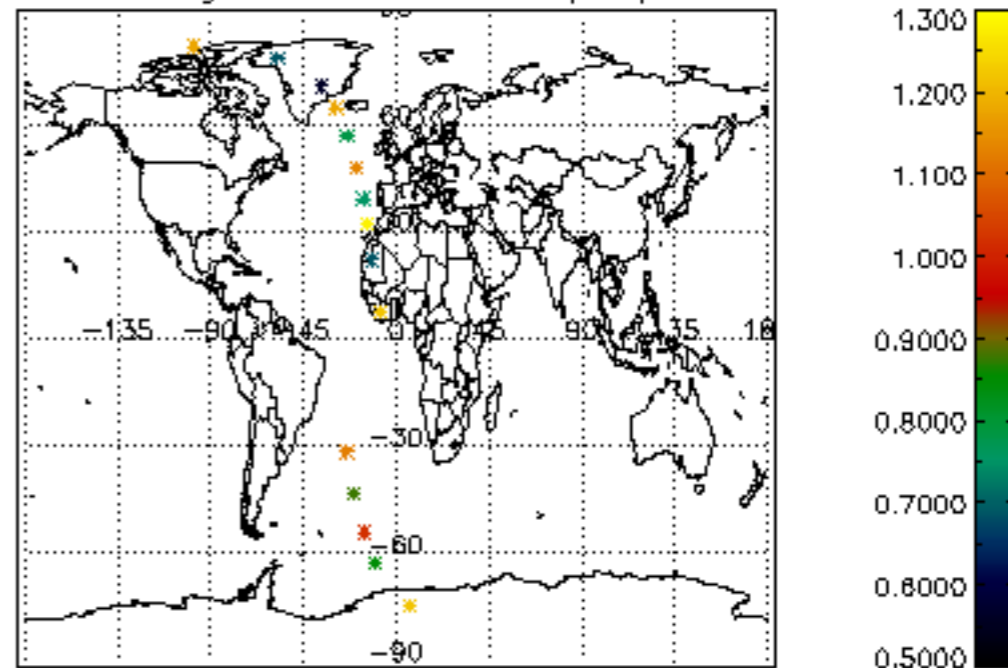




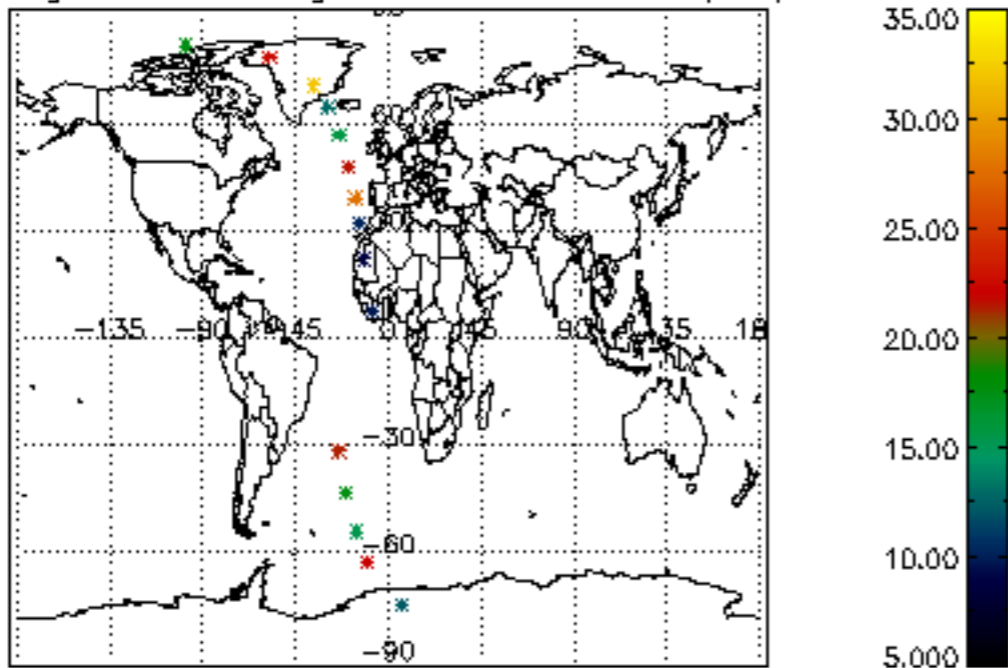
Percentage of cosmic ray hits per profile



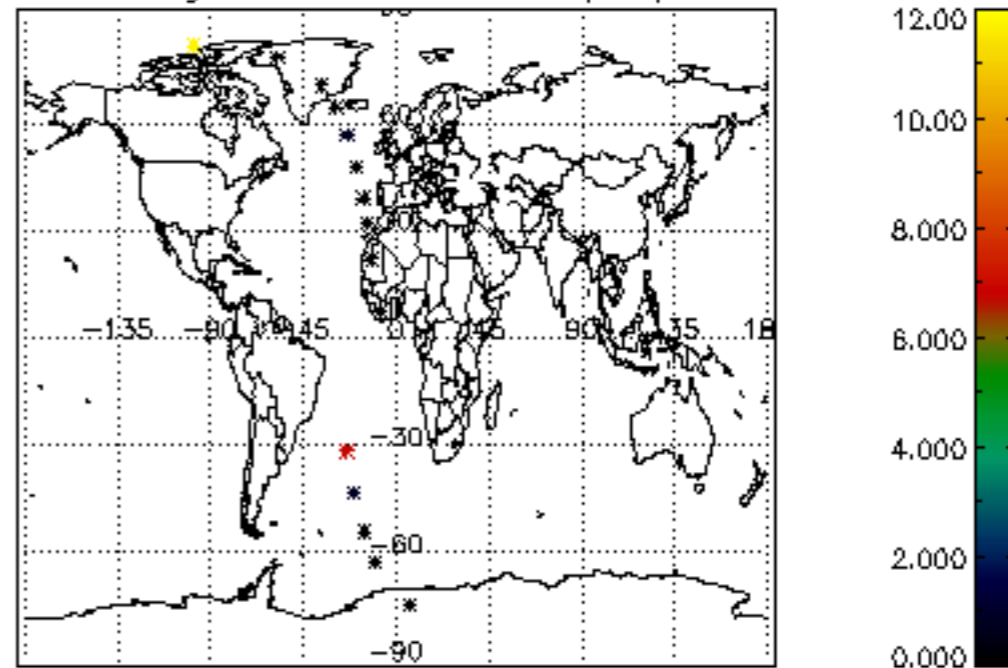
Percentage of datation errors per profile



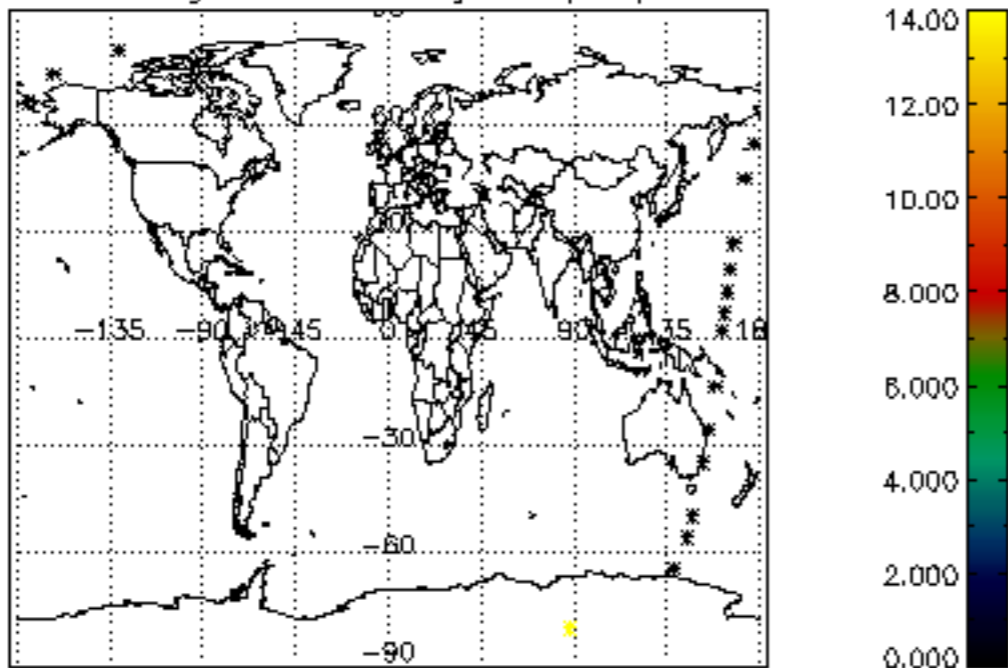
Percentage of star falling outside central band per profile



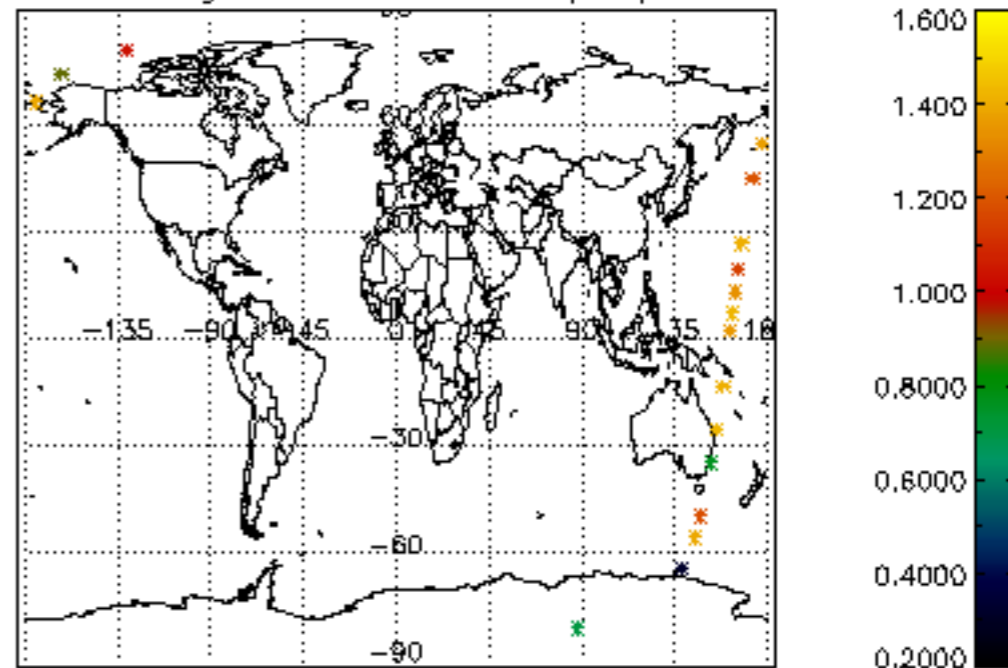
Percentage of saturation errors per profile



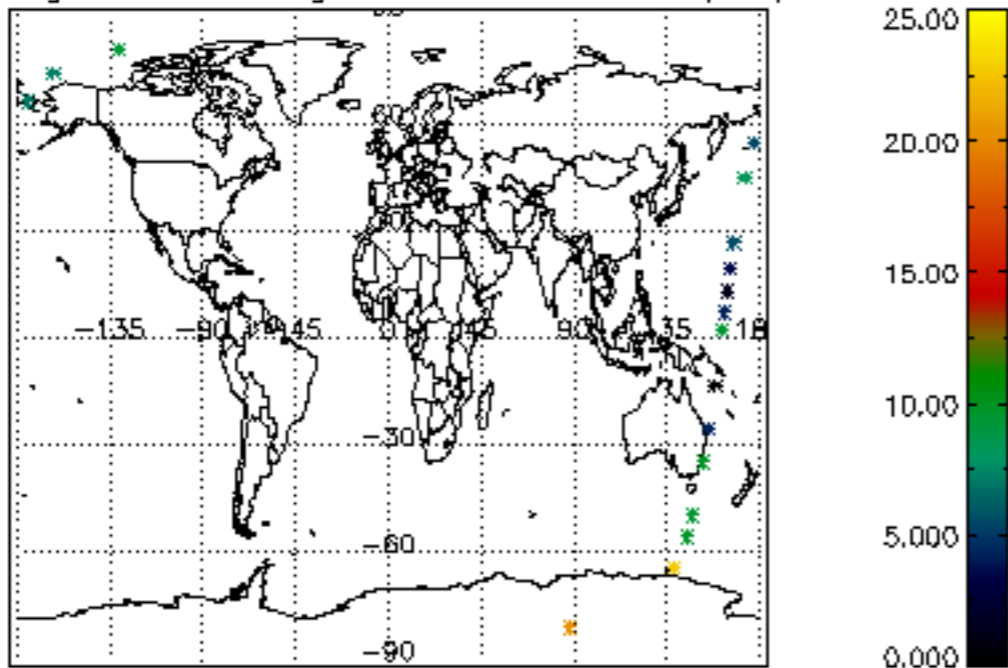
Percentage of cosmic ray hits per profile



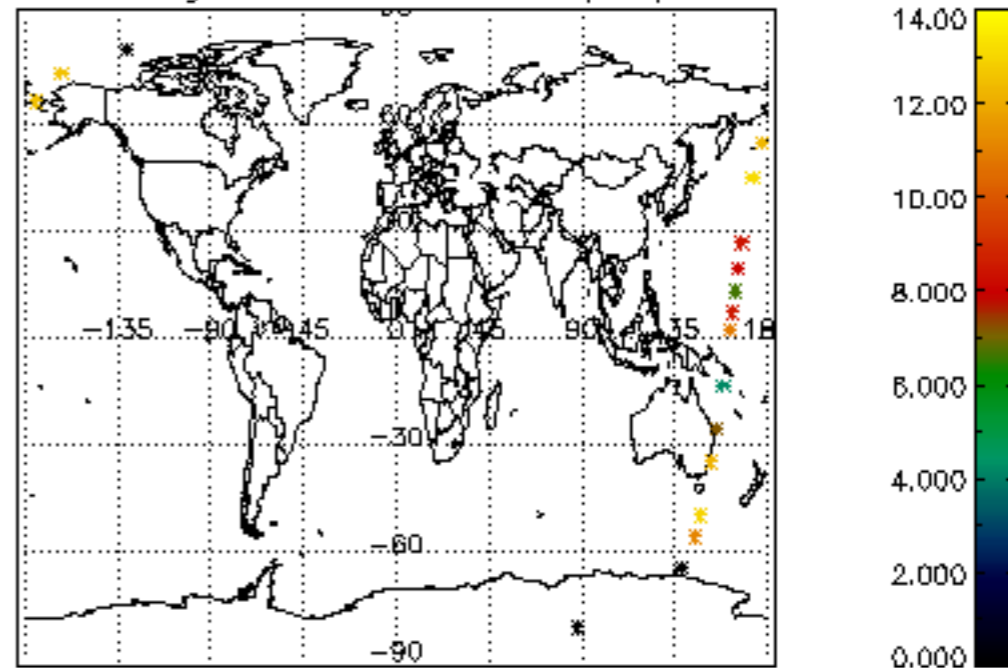
Percentage of datation errors per profile

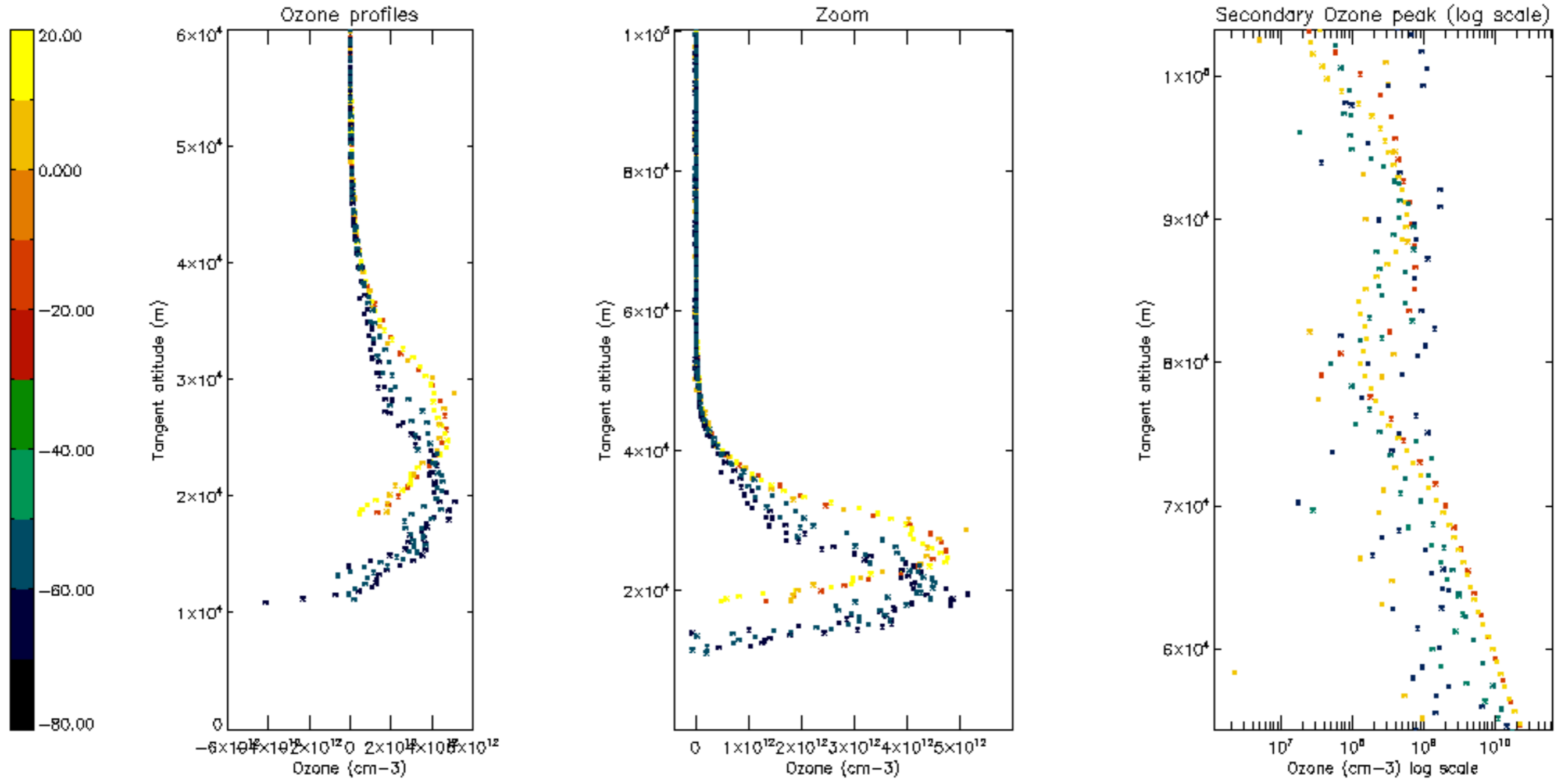


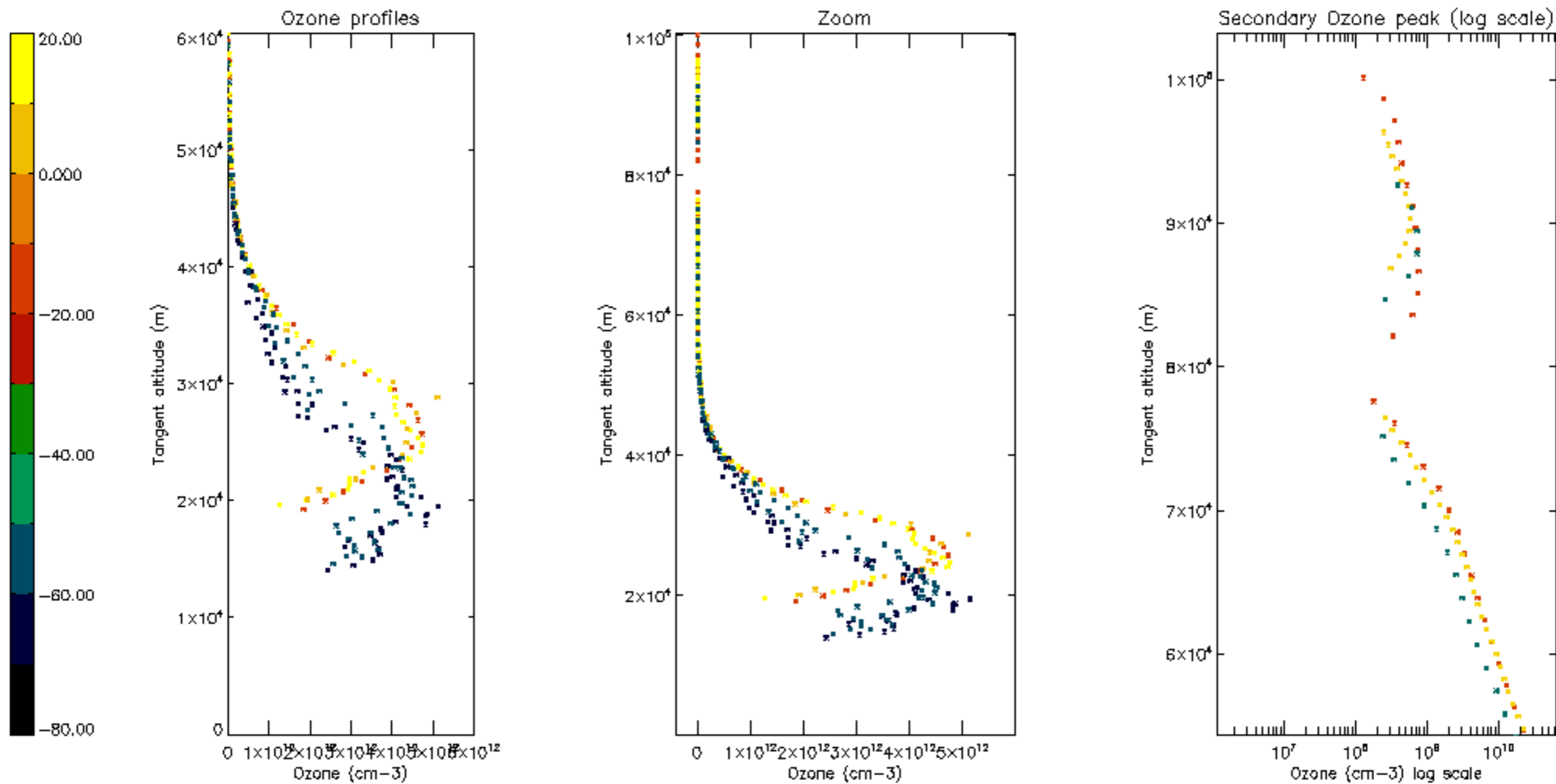
Percentage of star falling outside central band per profile

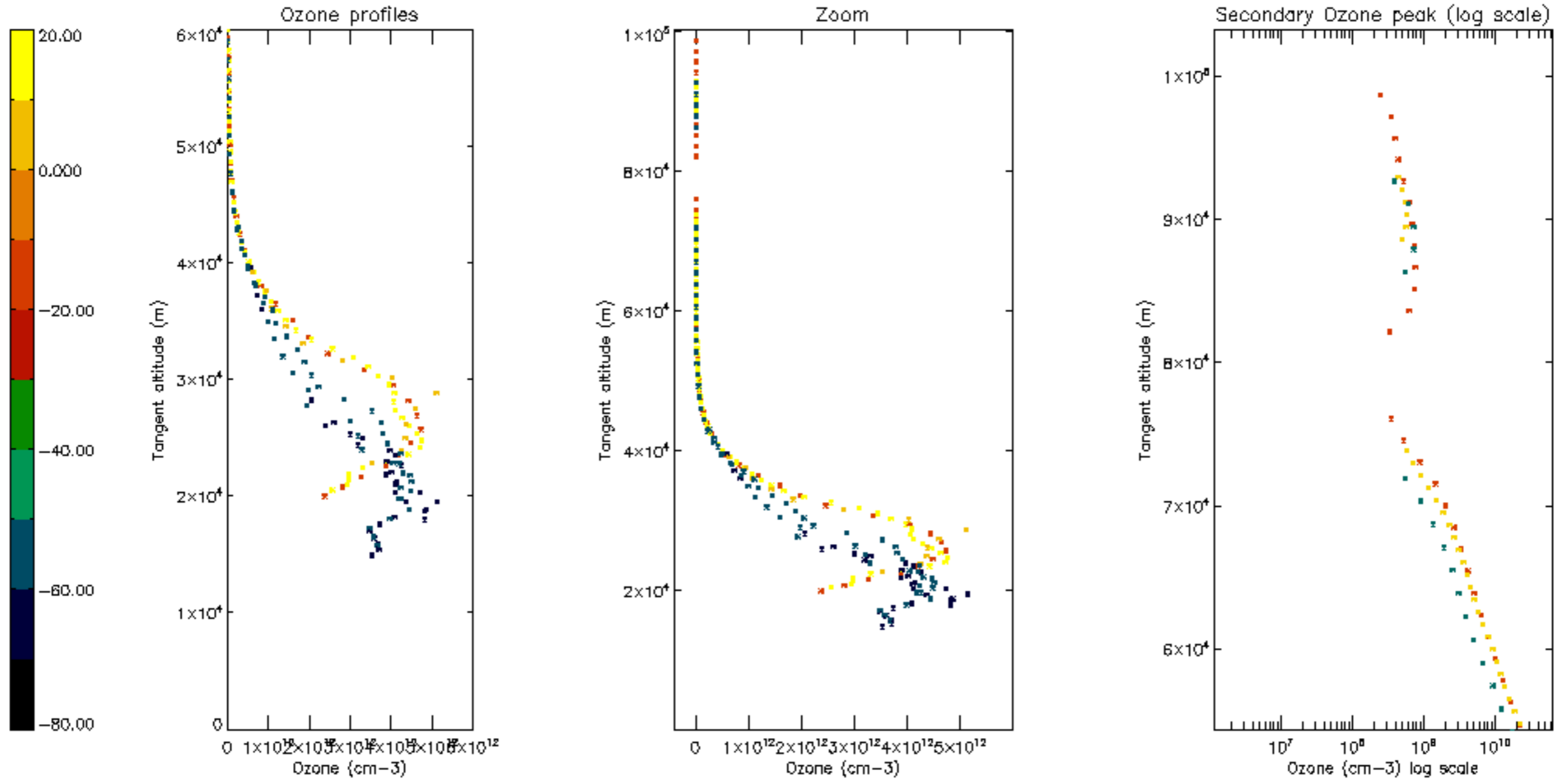


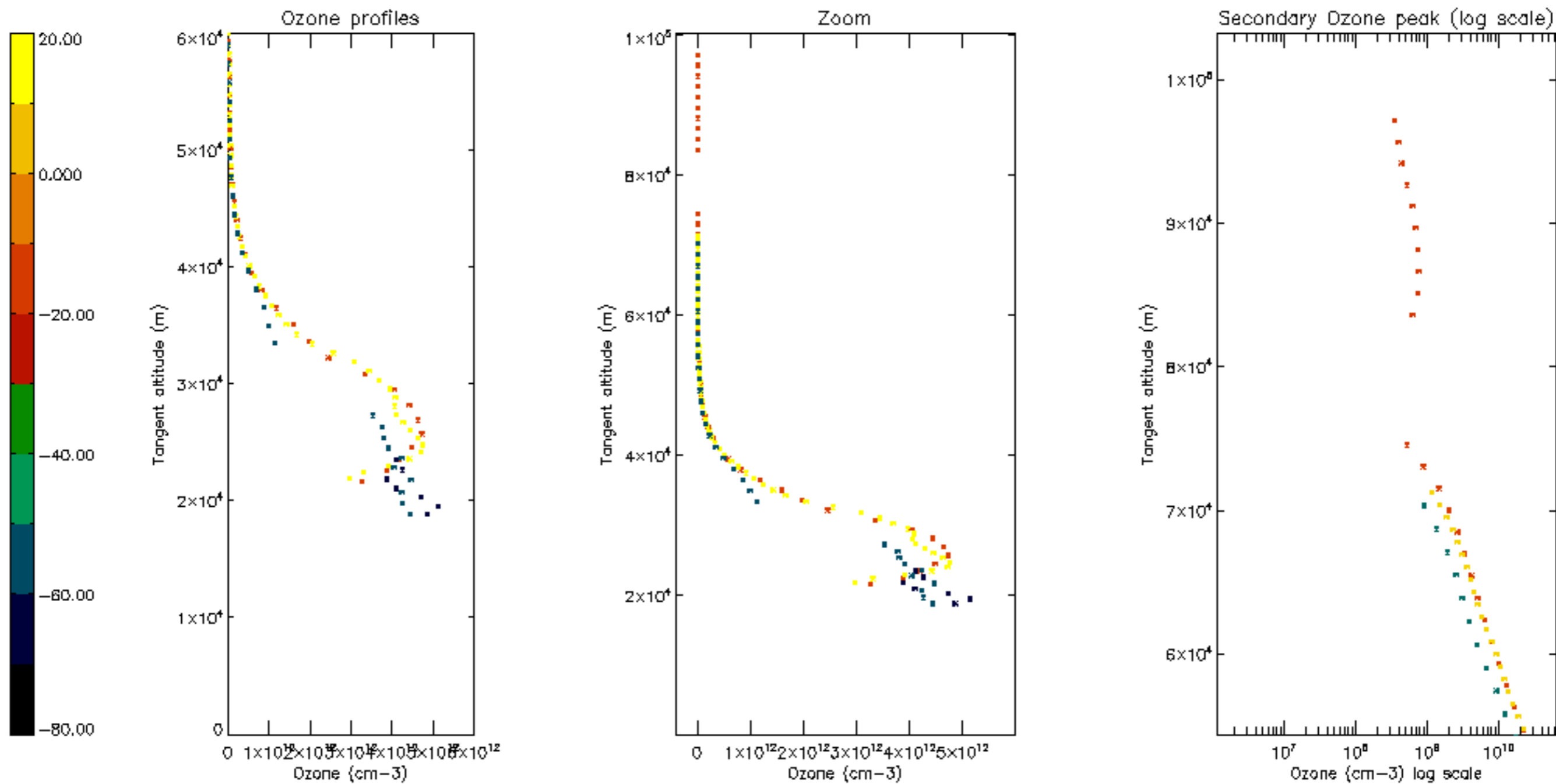
Percentage of saturation errors per profile

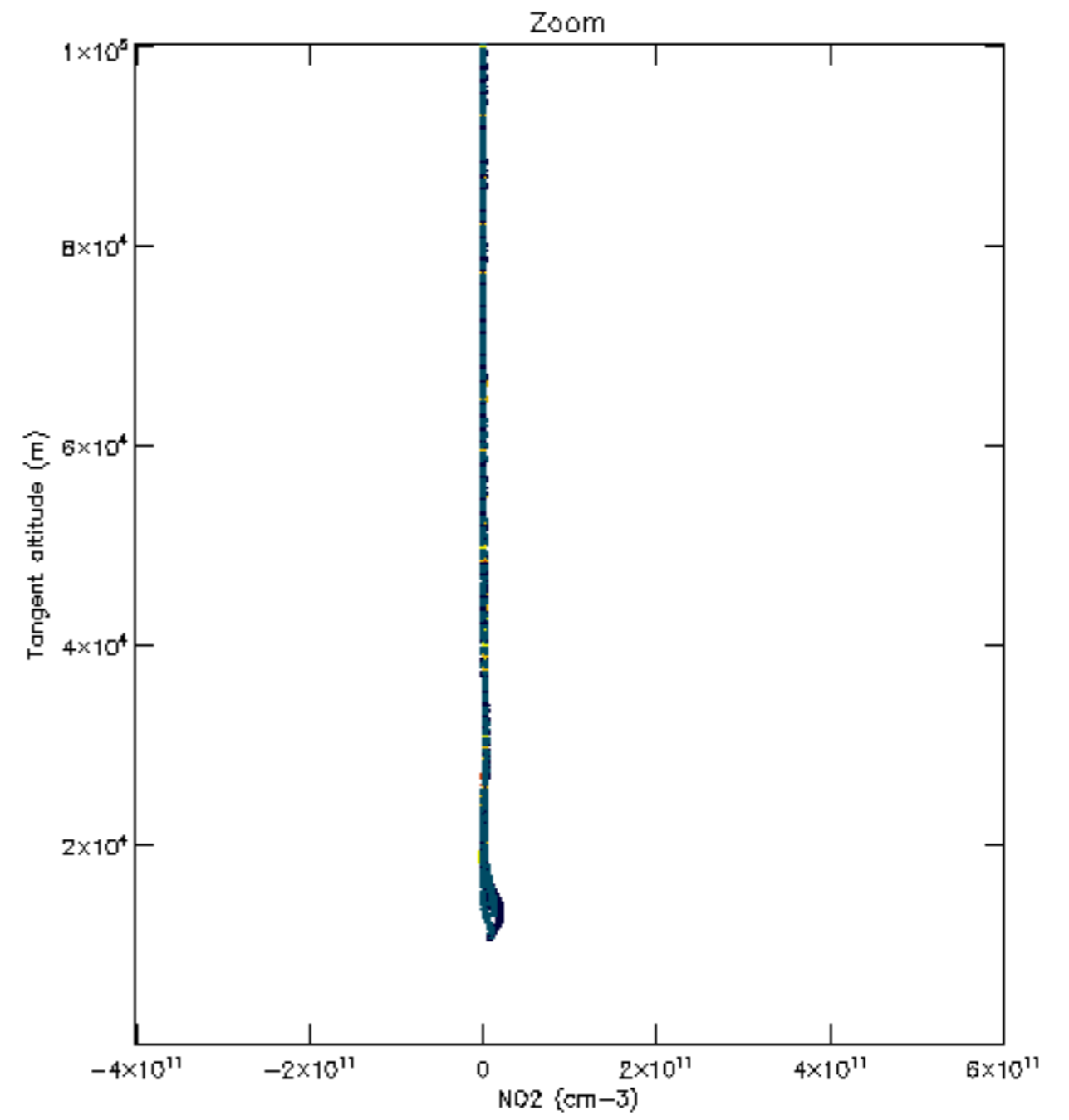
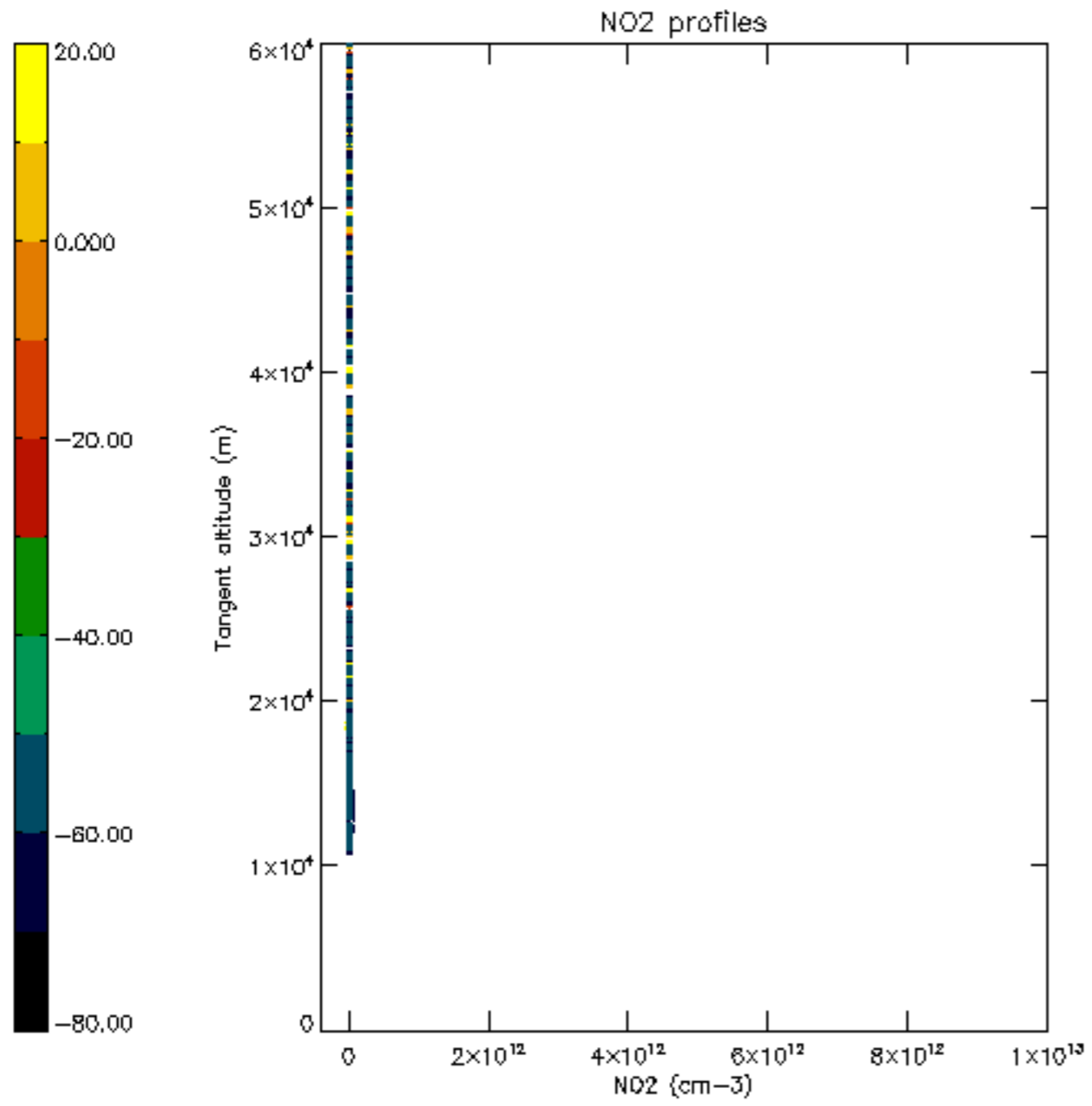


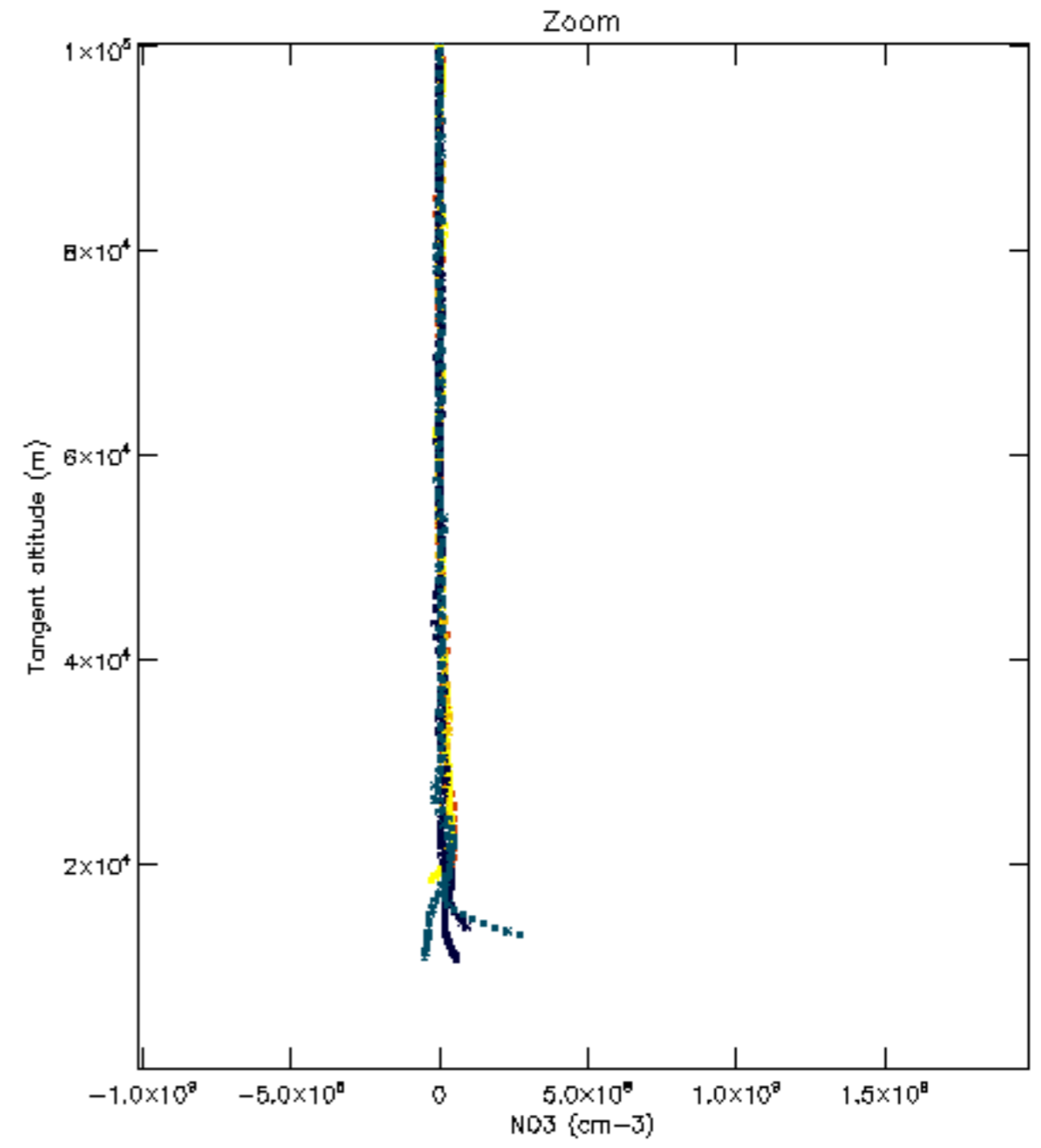
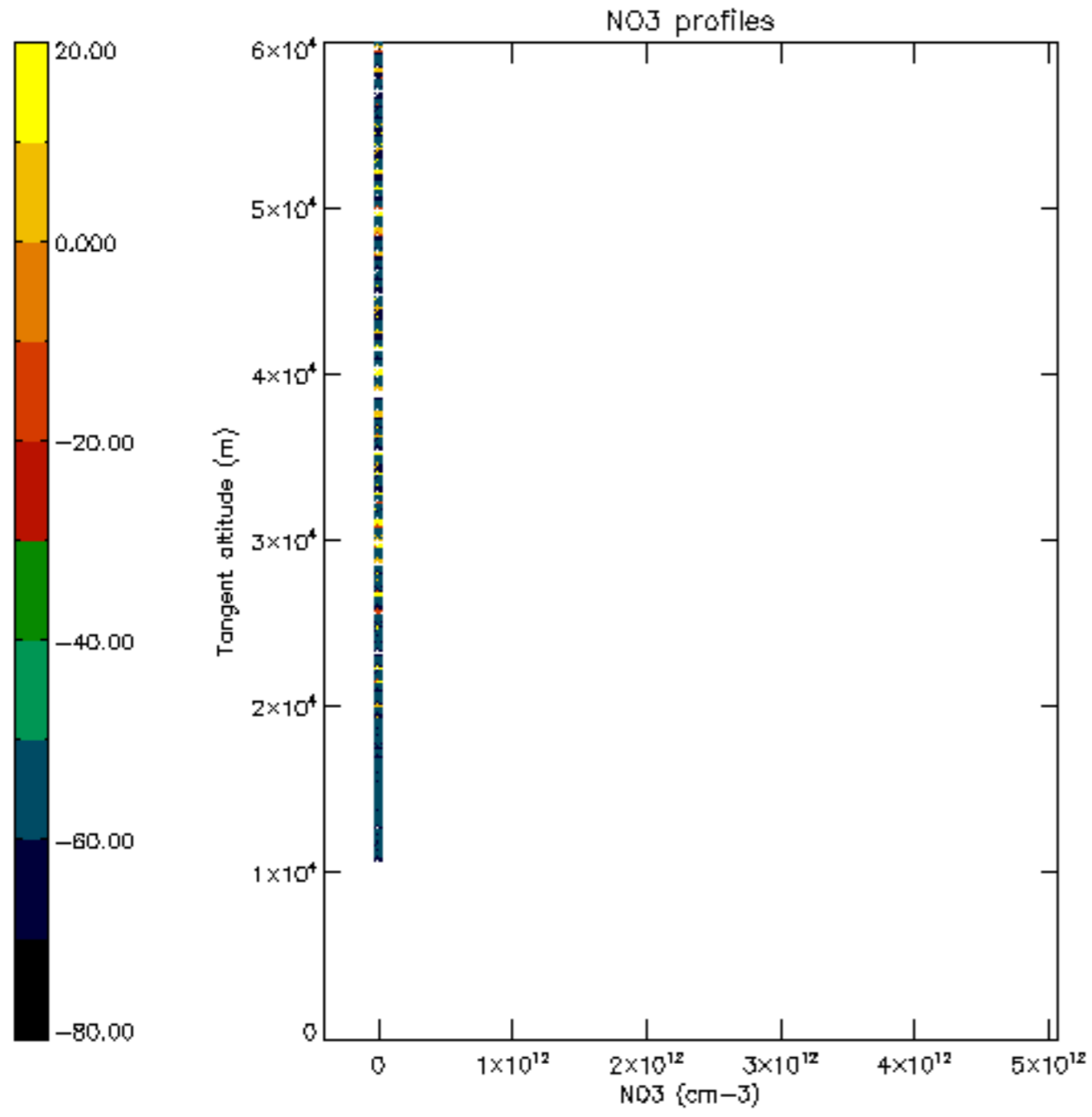


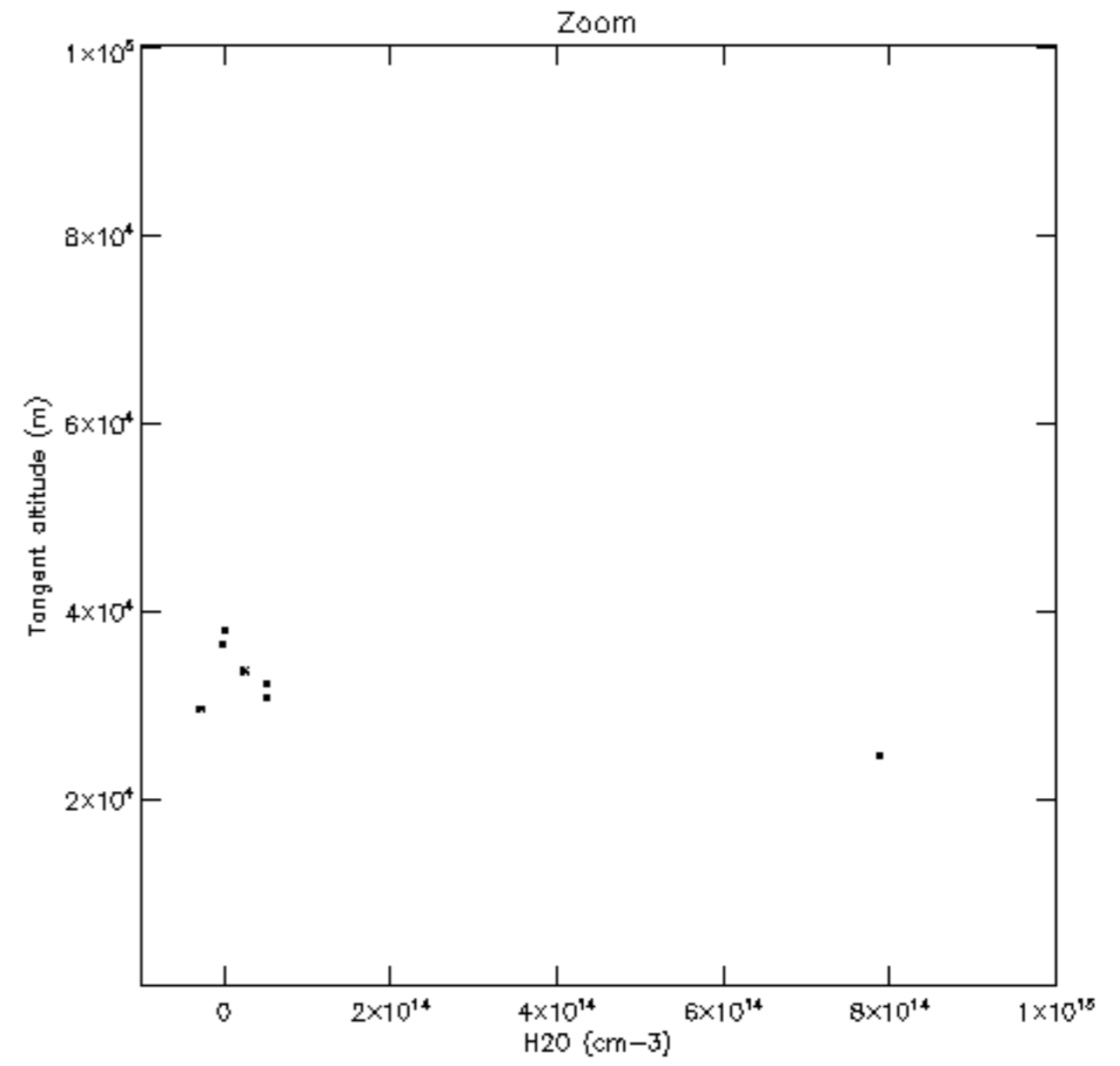
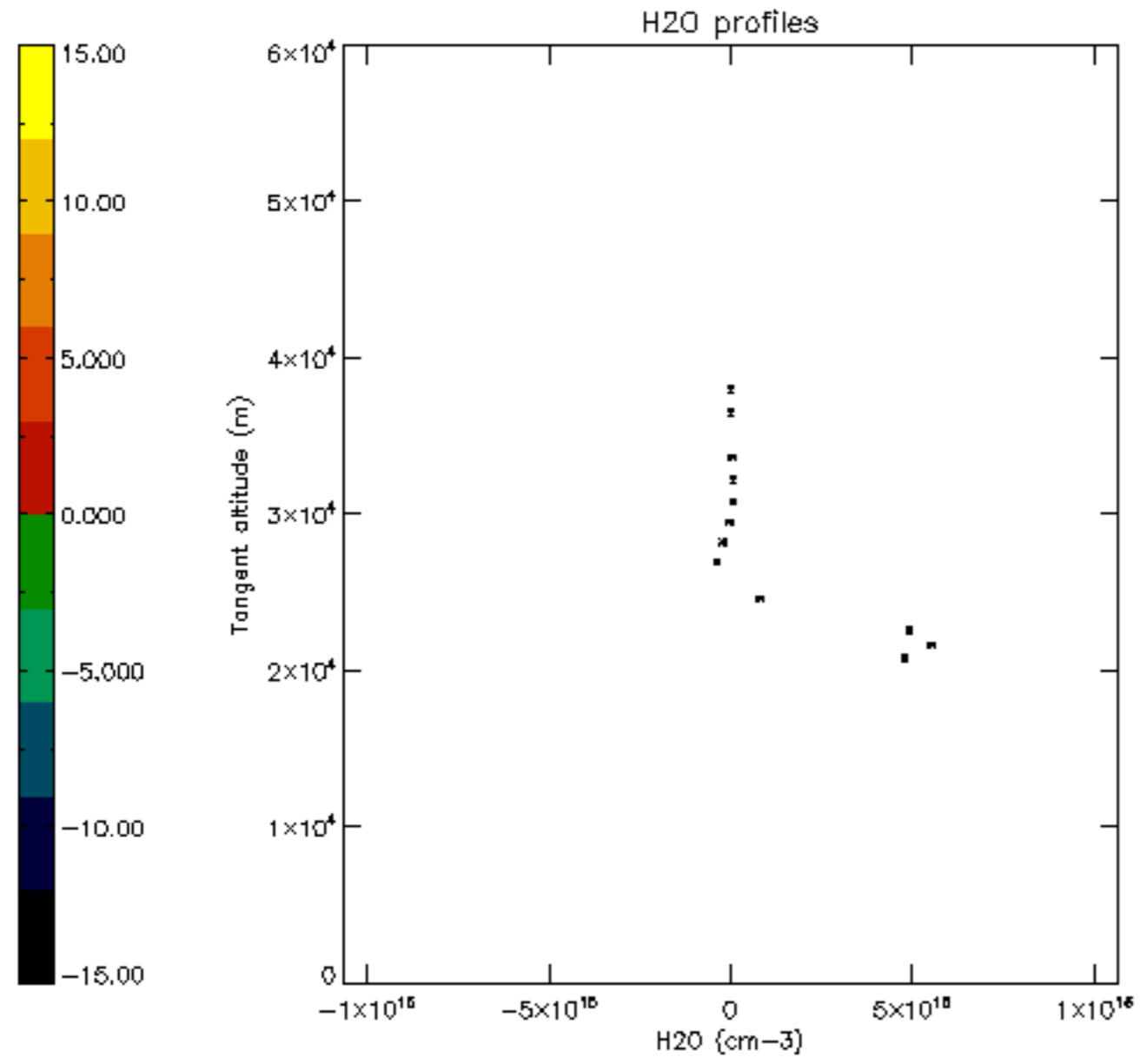


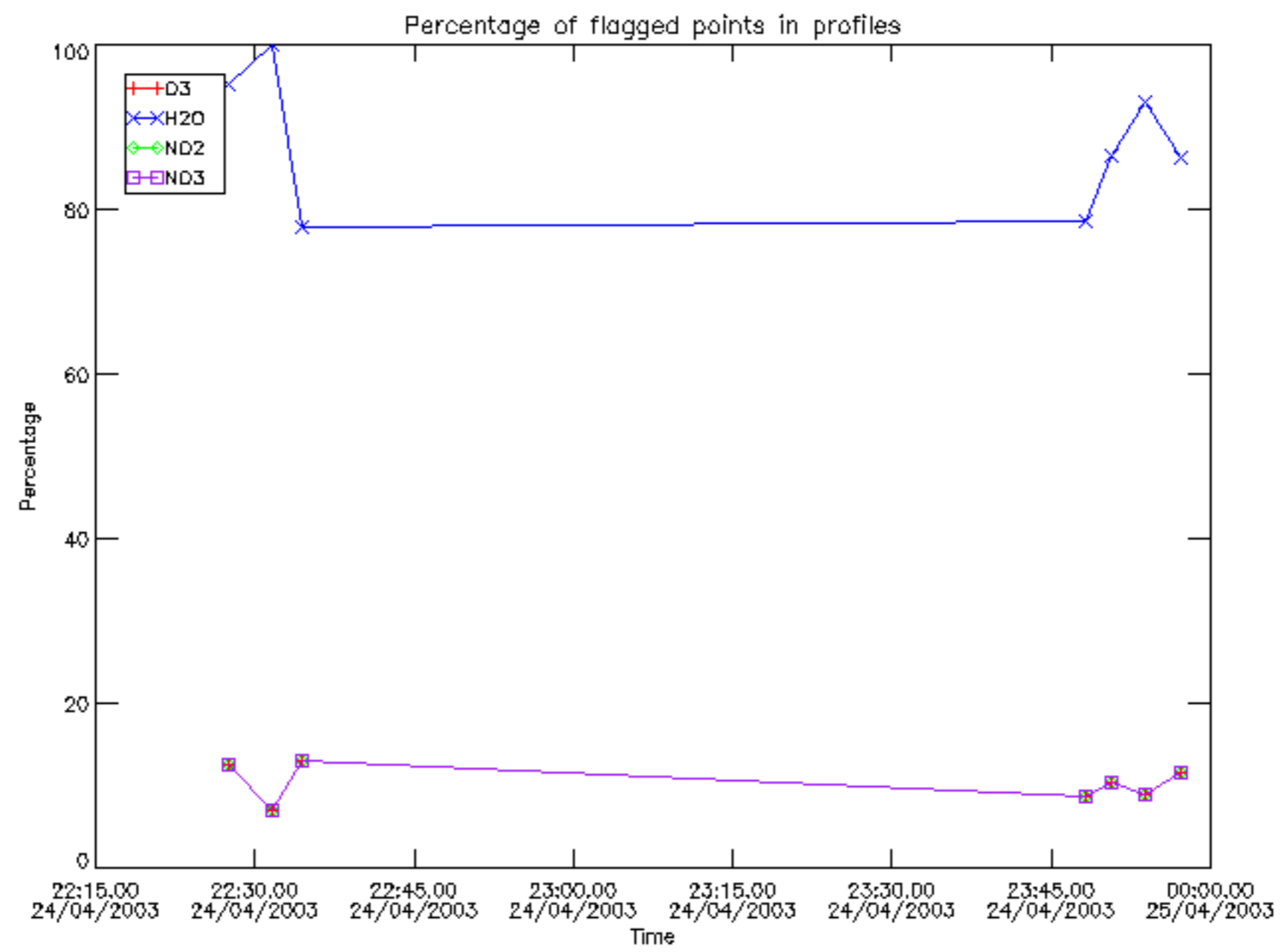




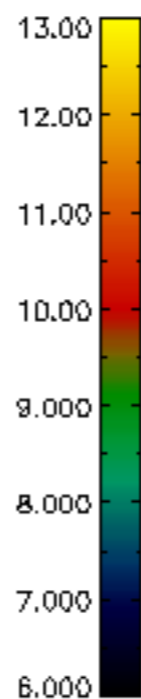
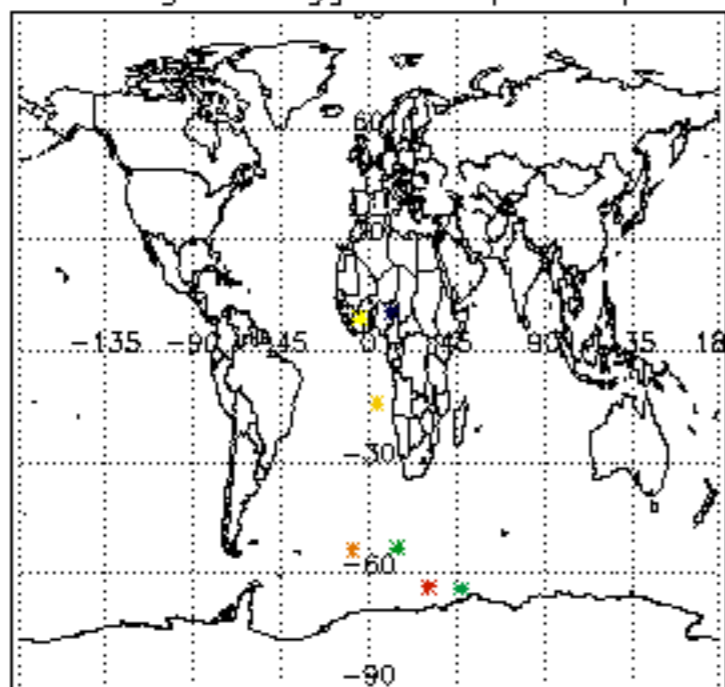




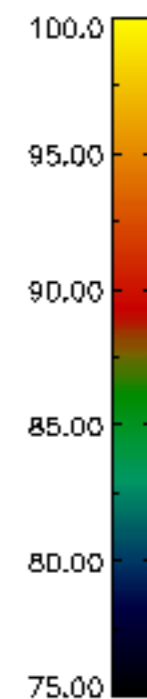
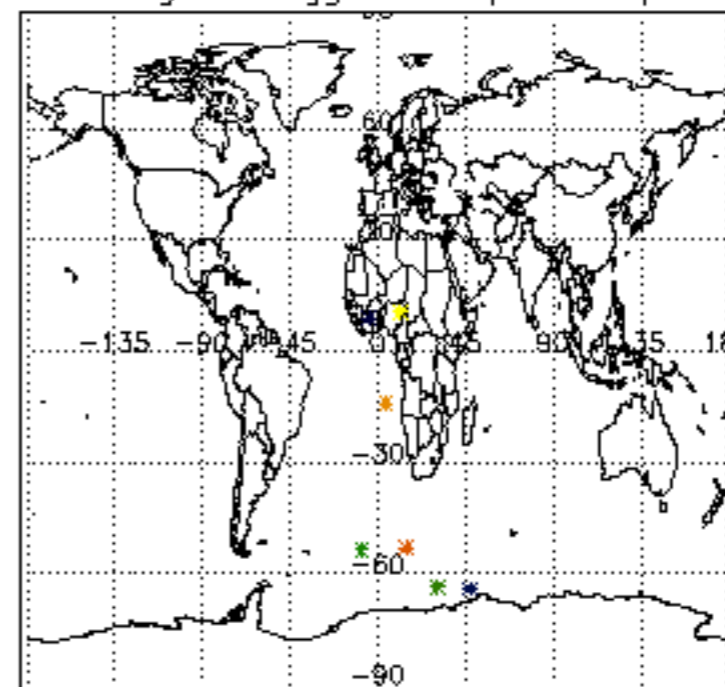




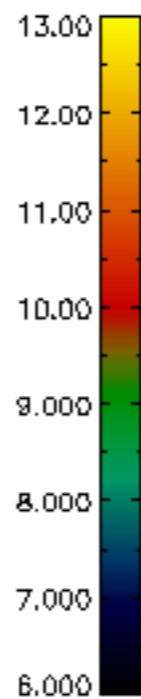
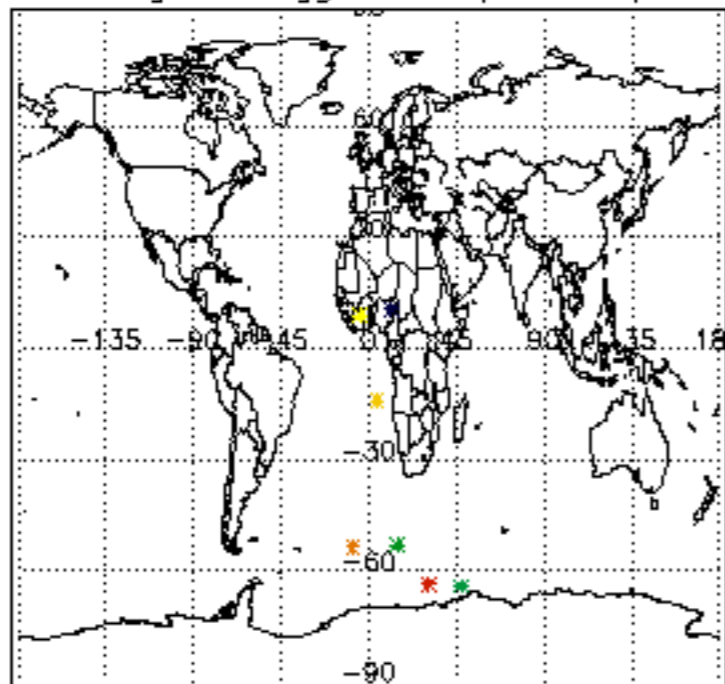
Percentage of flagged data per D3 profile



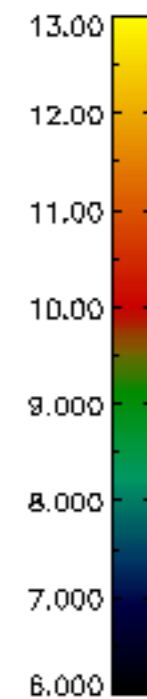
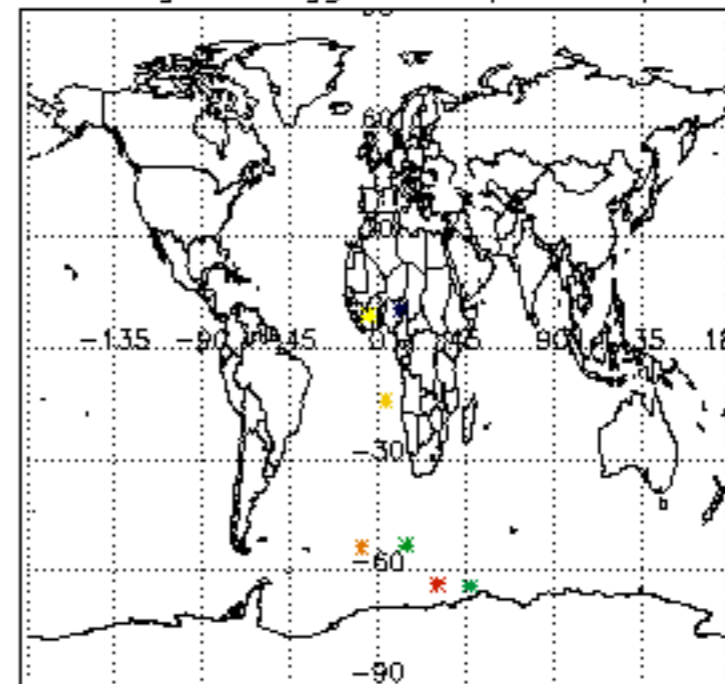
Percentage of flagged data per H2O profile

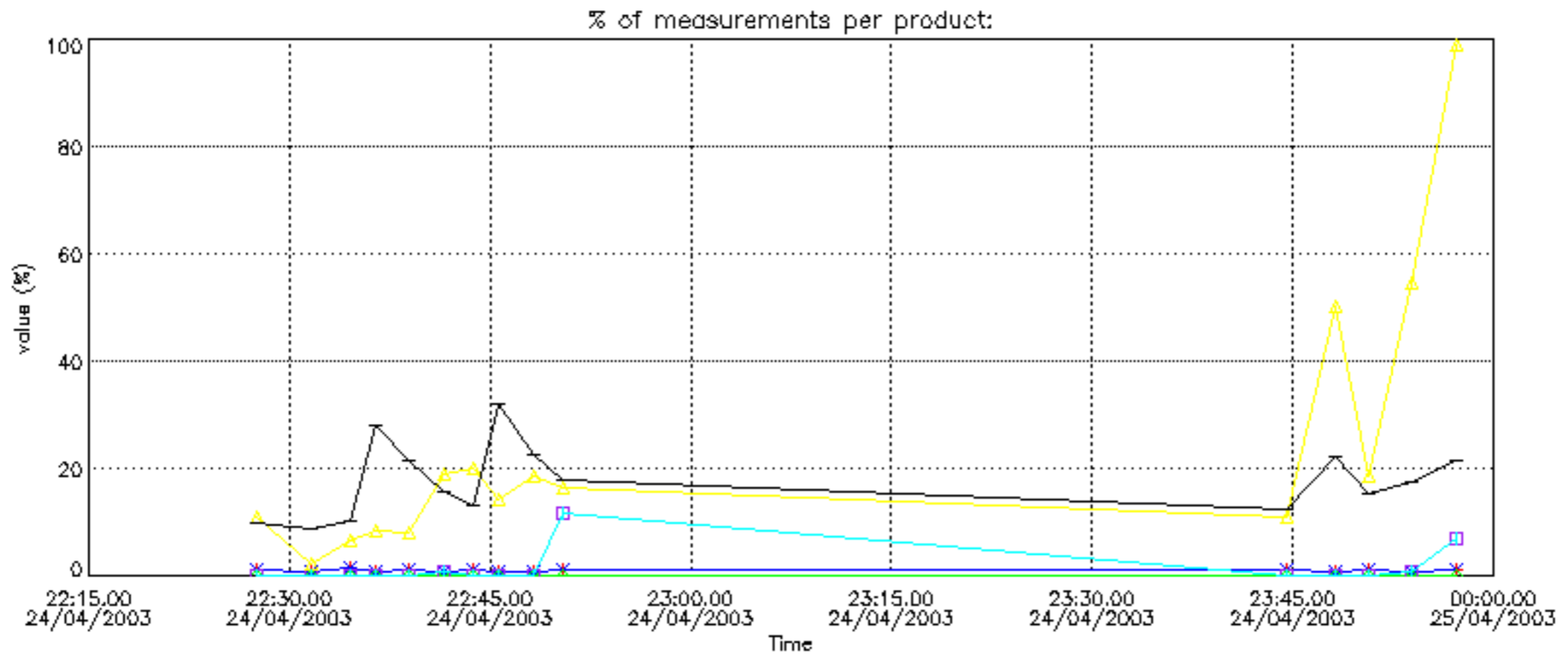


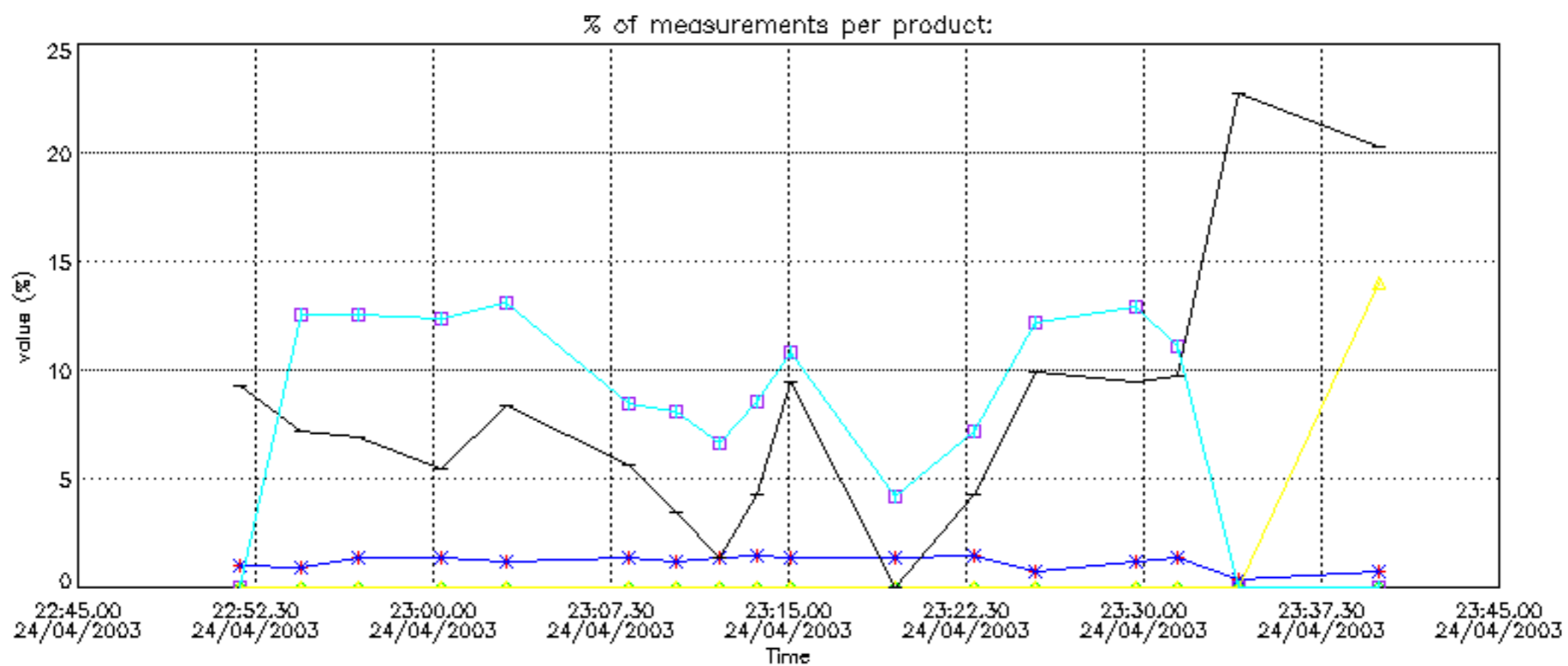
Percentage of flagged data per NO2 profile



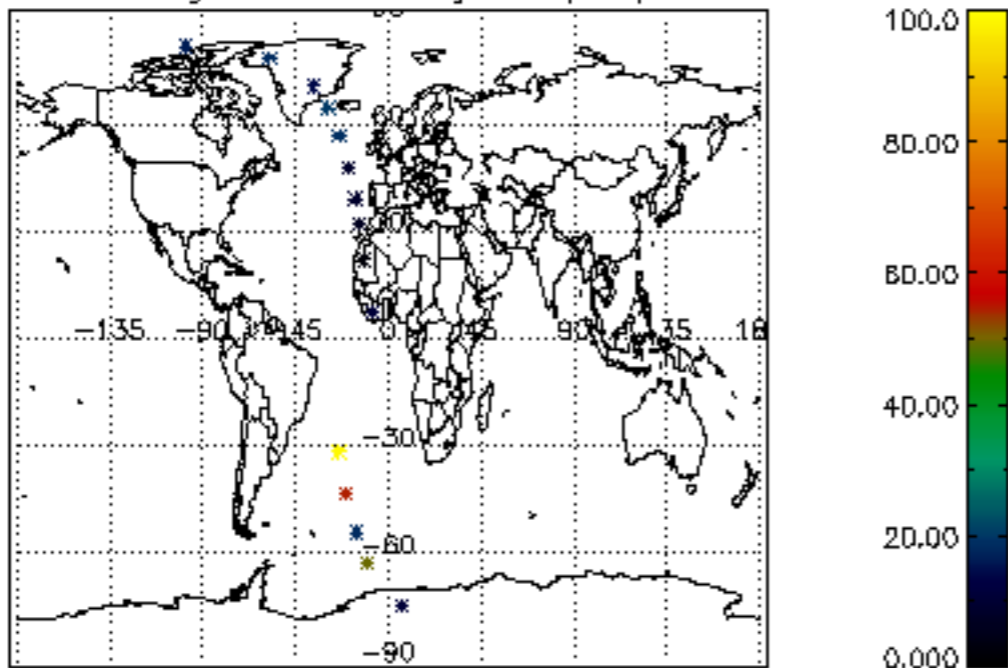
Percentage of flagged data per NO3 profile



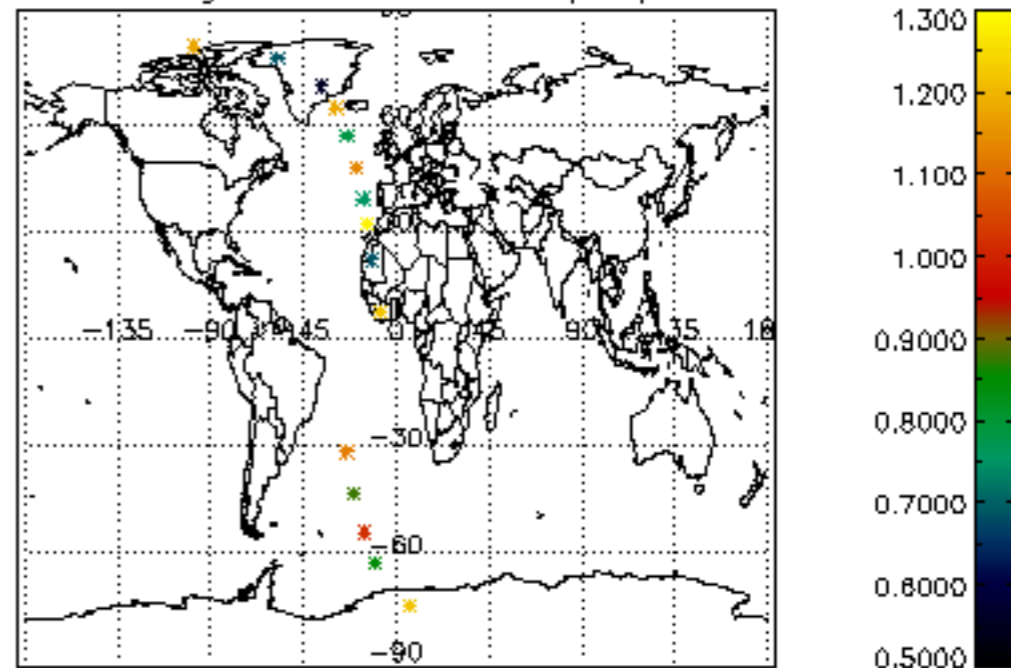




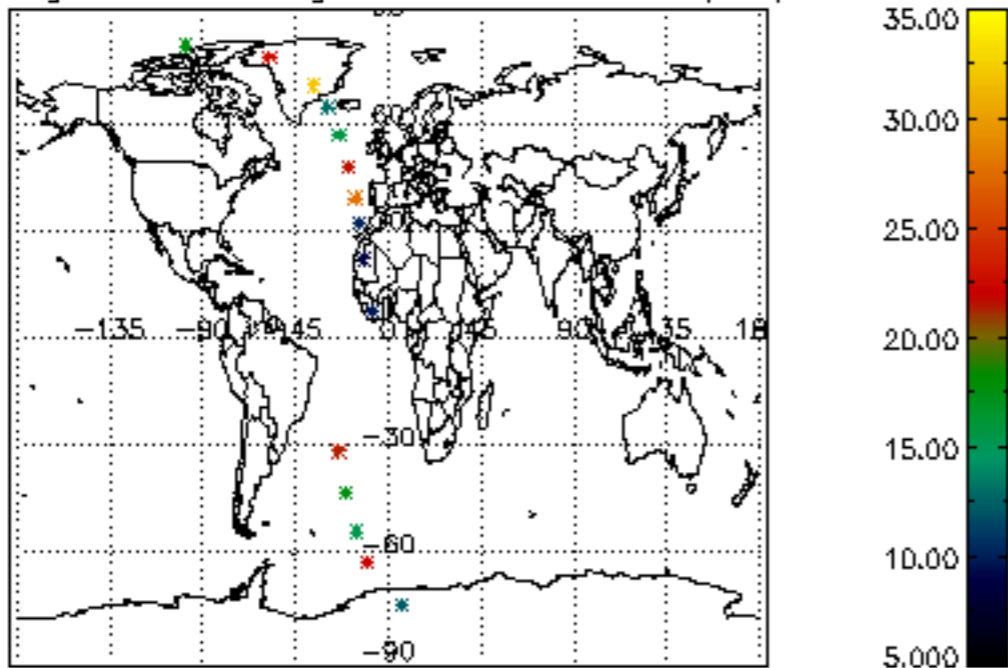
Percentage of cosmic ray hits per profile



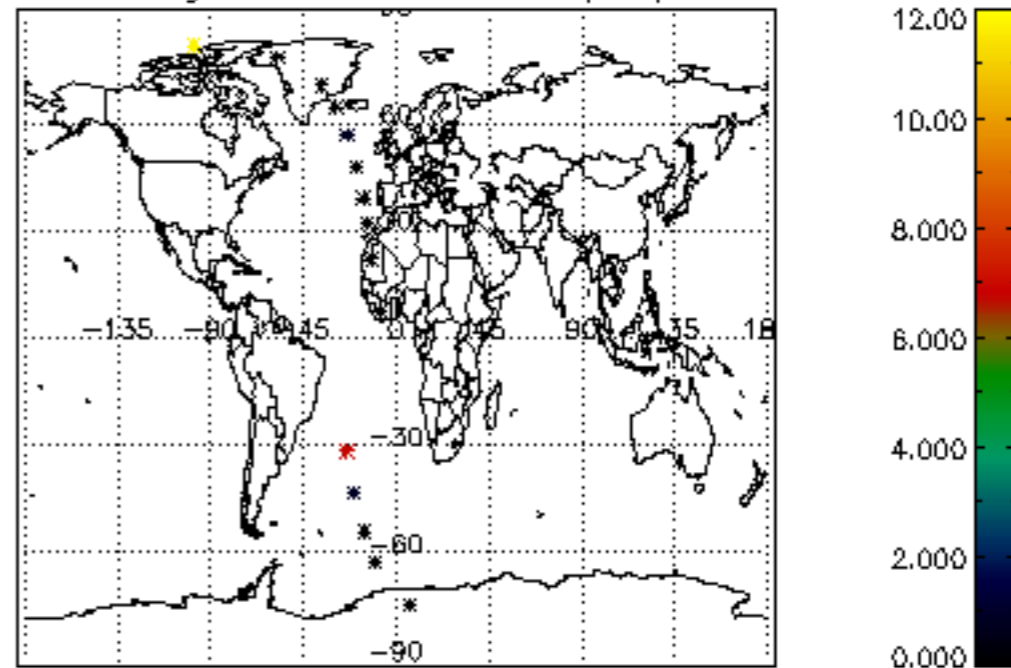
Percentage of datation errors per profile



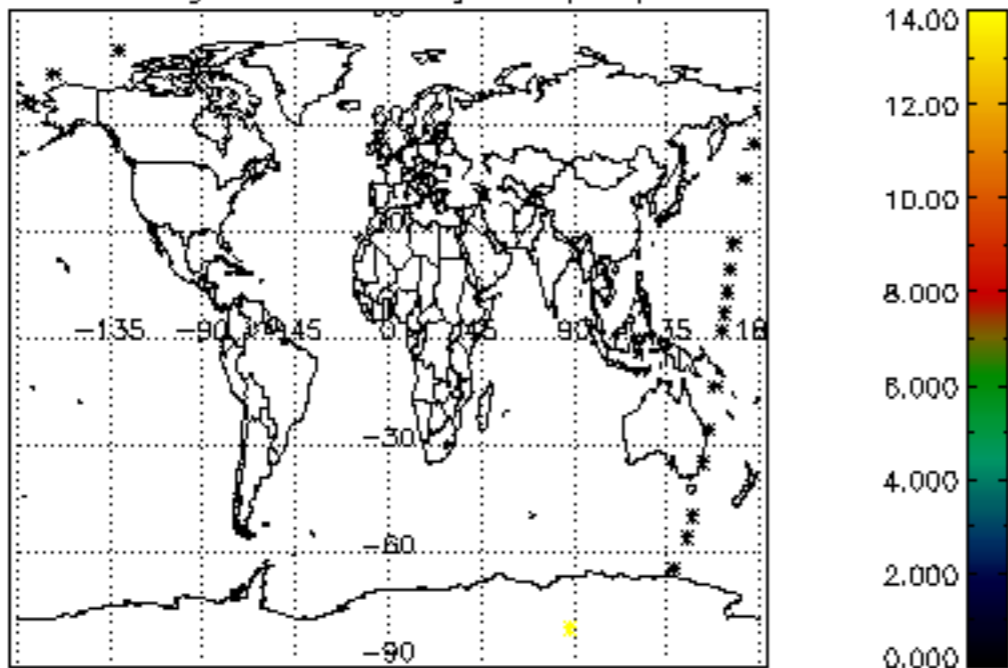
Percentage of star falling outside central band per profile



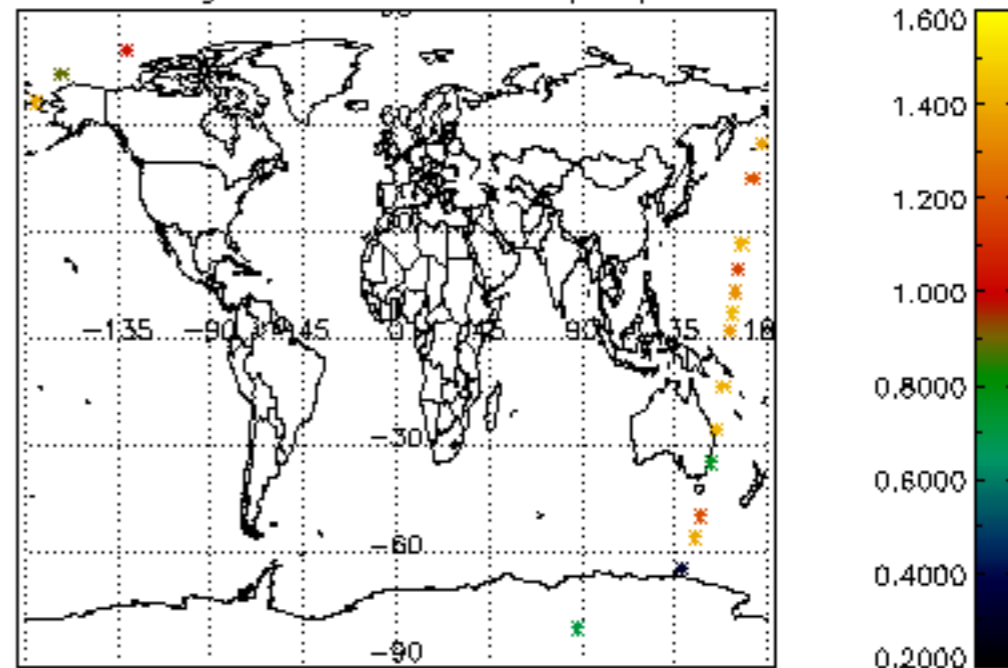
Percentage of saturation errors per profile



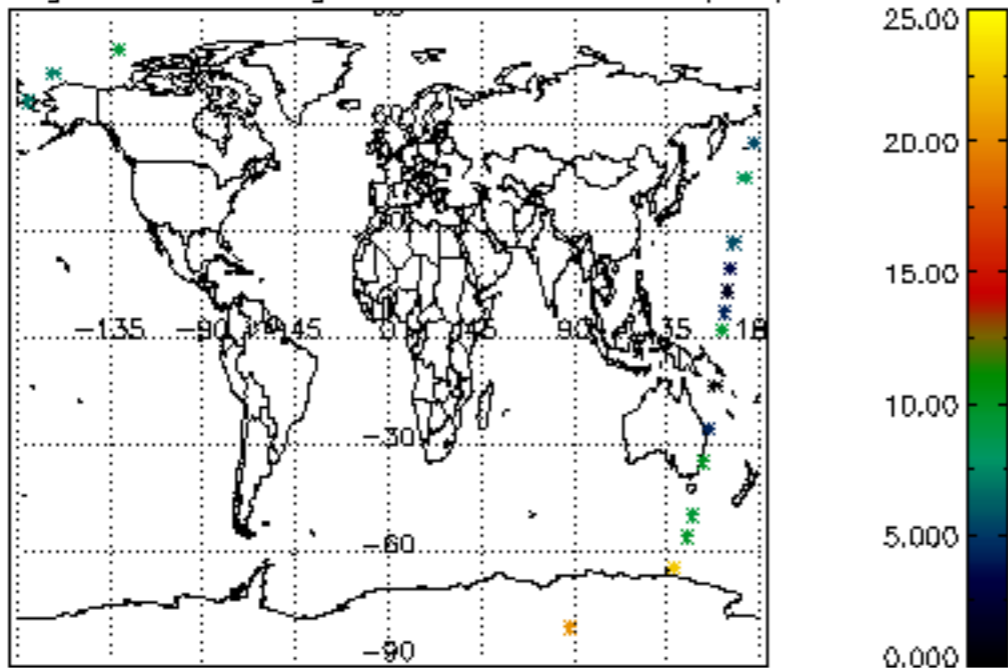
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

