

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	26APR2013 14:15:24
Data source version	GOMOS/6.01
Start time of products	25-11-2009 (25NOV2009 00:00:00)
Stop time of products	26-11-2009 (26NOV2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

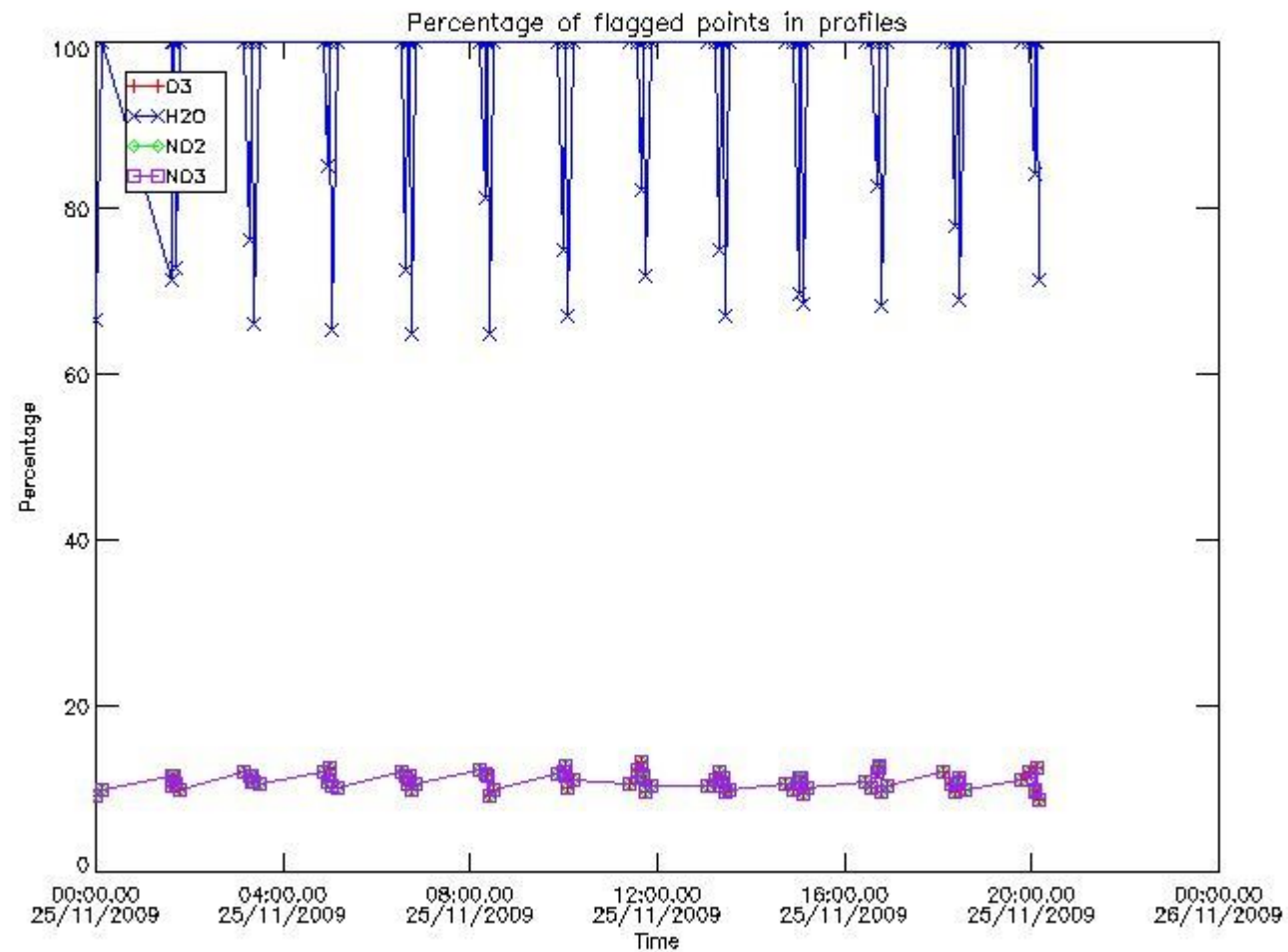
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20091125_000116_000000562084_00317_40451_2333.N1	25-NOV-2009 00:01:16	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	40451	No
2	GOM_NL__2PRFIN20091125_000750_000000522084_00317_40451_2334.N1	25-NOV-2009 00:07:50	Dark	52.000	108	Alp Col	2.6520	15200.	104	40451	No
3	GOM_NL__2PRFIN20091125_001607_000000462084_00317_40451_2335.N1	25-NOV-2009 00:16:07	Straylight	46.000	165	34Gam Eri	2.9500	3200.0	92	40451	No
4	GOM_NL__2PRFIN20091125_002625_000000592084_00317_40451_2336.N1	25-NOV-2009 00:26:25	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40451	No
5	GOM_NL__2PRFIN20091125_003011_000000422084_00317_40451_2337.N1	25-NOV-2009 00:30:11	Bright	41.500	150	44Zet Per	2.8900	28000.	83	40451	No
6	GOM_NL__2PRFIN20091125_003210_000000382084_00317_40451_2338.N1	25-NOV-2009 00:32:10	Bright	38.000	79	26Bet Per	2.3100	13100.	76	40451	No
7	GOM_NL__2PRFIN20091125_003435_000000382084_00317_40451_2339.N1	25-NOV-2009 00:34:35	Bright	37.500	175	39Del Per	3.0100	19400.	75	40451	No
8	GOM_NL__2PRFIN20091125_005245_000000482084_00317_40451_2340.N1	25-NOV-2009 00:52:45	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	40451	No
9	GOM_NL__2PRFIN20091125_005423_000000482084_00317_40451_2341.N1	25-NOV-2009 00:54:23	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40451	No
10	GOM_NL__2PRFIN20091125_005556_000000372084_00317_40451_2342.N1	25-NOV-2009 00:55:56	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	40451	No
11	GOM_NL__2PRFIN20091125_010058_000000382084_00317_40451_2343.N1	25-NOV-2009 01:00:58	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	40451	No
12	GOM_NL__2PRFIN20091125_010947_000000492084_00317_40451_2344.N1	25-NOV-2009 01:09:47	Bright	48.500	62	94Bet Leo	2.1360	9700.0	97	40451	No
13	GOM_NL__2PRFIN20091125_011312_000000572084_00317_40451_2345.N1	25-NOV-2009 01:13:12	Bright	56.500	121	29Gam Vir	2.7400	7200.0	113	40451	No
14	GOM_NL__2PRFIN20091125_011835_000000442084_00317_40451_2346.N1	25-NOV-2009 01:18:35	Twilight	43.500	100	4Gam Crv	2.5800	13100.	87	40451	No
15	GOM_NL__2PRFIN20091125_012009_000000462084_00317_40451_2347.N1	25-NOV-2009 01:20:09	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	40451	No
16	GOM_NL__2PRFIN20091125_013624_000000442084_00318_40452_2344.N1	25-NOV-2009 01:36:24	Dark	44.000	41	Eps Car	1.8600	4100.0	88	40452	No
17	GOM_NL__2PRFIN20091125_013800_000000492084_00318_40452_2345.N1	25-NOV-2009 01:38:00	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40452	No
18	GOM_NL__2PRFIN20091125_013930_000000442084_00318_40452_2346.N1	25-NOV-2009 01:39:30	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40452	No
19	GOM_NL__2PRFIN20091125_014152_000000482084_00318_40452_2347.N1	25-NOV-2009 01:41:52	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40452	No
20	GOM_NL__2PRFIN20091125_014826_000000522084_00318_40452_2348.N1	25-NOV-2009 01:48:26	Dark	51.500	108	Alp Col	2.6520	15200.	103	40452	No
21	GOM_NL__2PRFIN20091125_015643_000000482084_00318_40452_2349.N1	25-NOV-2009 01:56:43	Straylight	48.000	165	34Gam Eri	2.9500	3200.0	96	40452	No
22	GOM_NL__2PRFIN20091125_020701_000000562084_00318_40452_2350.N1	25-NOV-2009 02:07:01	Bright	56.000	13	87Alp Tau	0.86700	3800.0	112	40452	No
23	GOM_NL__2PRFIN20091125_021047_000000422084_00318_40452_2351.N1	25-NOV-2009 02:10:47	Bright	41.500	150	44Zet Per	2.8900	28000.	83	40452	No
24	GOM_NL__2PRFIN20091125_021246_000000392084_00318_40452_2352.N1	25-NOV-2009 02:12:46	Bright	38.500	79	26Bet Per	2.3100	13100.	77	40452	No
25	GOM_NL__2PRFIN20091125_021511_000000372084_00318_40452_2353.N1	25-NOV-2009 02:15:11	Bright	37.000	175	39Del Per	3.0100	19400.	74	40452	No
26	GOM_NL__2PRFIN20091125_023320_000000452084_00318_40452_2354.N1	25-NOV-2009 02:33:20	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	40452	No
27	GOM_NL__2PRFIN20091125_023459_000000442084_00318_40452_2355.N1	25-NOV-2009 02:34:59	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	40452	No
28	GOM_NL__2PRFIN20091125_023632_000000532084_00318_40452_2356.N1	25-NOV-2009 02:36:32	Bright	53.000	55	79Zet UMa	2.0600	10200.	106	40452	No
29	GOM_NL__2PRFIN20091125_024134_000000382084_00318_40452_2357.N1	25-NOV-2009 02:41:34	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	40452	No
30	GOM_NL__2PRFIN20091125_025023_000000702084_00318_40452_2358.N1	25-NOV-2009 02:50:23	Bright	70.000	62	94Bet Leo	2.1360	9700.0	140	40452	No
31	GOM_NL__2PRFIN20091125_025348_000000582084_00318_40452_2359.N1	25-NOV-2009 02:53:48	Bright	58.000	121	29Gam Vir	2.7400	7200.0	116	40452	No
32	GOM_NL__2PRFIN20091125_025911_000000462084_00318_40452_2360.N1	25-NOV-2009 02:59:11	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	40452	No
33	GOM_NL__2PRFIN20091125_030045_000000482084_00318_40452_2361.N1	25-NOV-2009 03:00:45	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40452	No
34	GOM_NL__2PRFIN20091125_031013_000000432084_00319_40453_2353.N1	25-NOV-2009 03:10:13	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	40453	No
35	GOM_NL__2PRFIN20091125_031701_000000452084_00319_40453_2354.N1	25-NOV-2009 03:17:01	Dark	44.500	41	Eps Car	1.8600	4100.0	89	40453	No
36	GOM_NL__2PRFIN20091125_031837_000000472084_00319_40453_2355.N1	25-NOV-2009 03:18:37	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40453	No
37	GOM_NL__2PRFIN20091125_032007_000000442084_00319_40453_2356.N1	25-NOV-2009 03:20:07	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40453	No
38	GOM_NL__2PRFIN20091125_032229_000000482084_00319_40453_2357.N1	25-NOV-2009 03:22:29	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40453	No
39	GOM_NL__2PRFIN20091125_032903_000000482084_00319_40453_2358.N1	25-NOV-2009 03:29:03	Dark	48.000	108	Alp Col	2.6520	15200.	96	40453	No
40	GOM_NL__2PRFIN20091125_033719_000000482084_00319_40453_2359.N1	25-NOV-2009 03:37:19	Straylight	47.500	165	34Gam Eri	2.9500	3200.0	95	40453	No
41	GOM_NL__2PRFIN20091125_034736_000000572084_00319_40453_2360.N1	25-NOV-2009 03:47:36	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40453	No
42	GOM_NL__2PRFIN20091125_035123_000000412084_00319_40453_2361.N1	25-NOV-2009 03:51:23	Bright	41.000	150	44Zet Per	2.8900	28000.	82	40453	No

220	GOM_NL__2PRFIN20091125_190107_000000382084_00328_40462_2611.N1	25-NOV-2009 19:01:07	Bright	38.000	175	39Del Per	3.0100	19400.	76	40462	No
221	GOM_NL__2PRFIN20091125_191917_000000462084_00328_40462_2612.N1	25-NOV-2009 19:19:17	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40462	No
222	GOM_NL__2PRFIN20091125_192055_000000462084_00328_40462_2613.N1	25-NOV-2009 19:20:55	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40462	No
223	GOM_NL__2PRFIN20091125_192232_000000532084_00328_40462_2614.N1	25-NOV-2009 19:22:32	Bright	53.000	55	79Zet UMa	2.0600	10200.	106	40462	No
224	GOM_NL__2PRFIN20091125_192735_000000372084_00328_40462_2615.N1	25-NOV-2009 19:27:35	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	40462	No
225	GOM_NL__2PRFIN20091125_193628_000000512084_00328_40462_2616.N1	25-NOV-2009 19:36:28	Bright	50.500	62	94Bet Leo	2.1360	9700.0	101	40462	No
226	GOM_NL__2PRFIN20091125_193952_000000582084_00328_40462_2617.N1	25-NOV-2009 19:39:52	Bright	58.000	121	29Gam Vir	2.7400	7200.0	116	40462	No
227	GOM_NL__2PRFIN20091125_194517_000000452084_00328_40462_2618.N1	25-NOV-2009 19:45:17	Twilight_stray	45.000	100	4Gam Crv	2.5800	13100.	90	40462	No
228	GOM_NL__2PRFIN20091125_194651_000000502084_00328_40462_2619.N1	25-NOV-2009 19:46:51	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	40462	No
229	GOM_NL__2PRFIN20091125_195619_000000422084_00329_40463_2615.N1	25-NOV-2009 19:56:19	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	40463	No
230	GOM_NL__2PRFIN20091125_200307_000000542084_00329_40463_2616.N1	25-NOV-2009 20:03:07	Dark	53.500	41	Eps Car	1.8600	4100.0	107	40463	No
231	GOM_NL__2PRFIN20091125_200446_000000522084_00329_40463_2617.N1	25-NOV-2009 20:04:46	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40463	No
232	GOM_NL__2PRFIN20091125_200618_000000452084_00329_40463_2618.N1	25-NOV-2009 20:06:18	Dark	45.000	70	Zet Pup	2.2460	39000.	90	40463	No
233	GOM_NL__2PRFIN20091125_200834_000000582084_00329_40463_2619.N1	25-NOV-2009 20:08:34	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	40463	No

3. Quality information per product

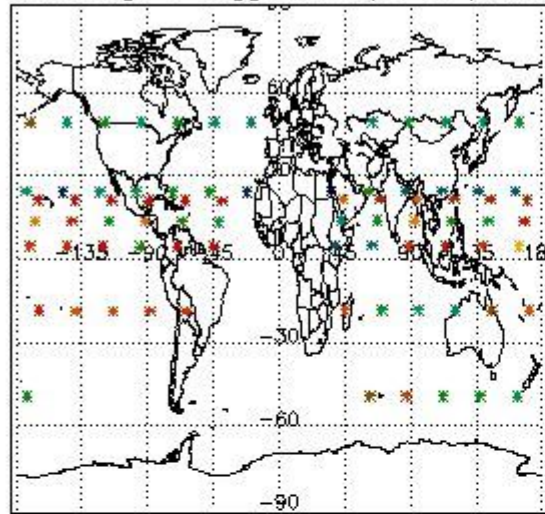
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

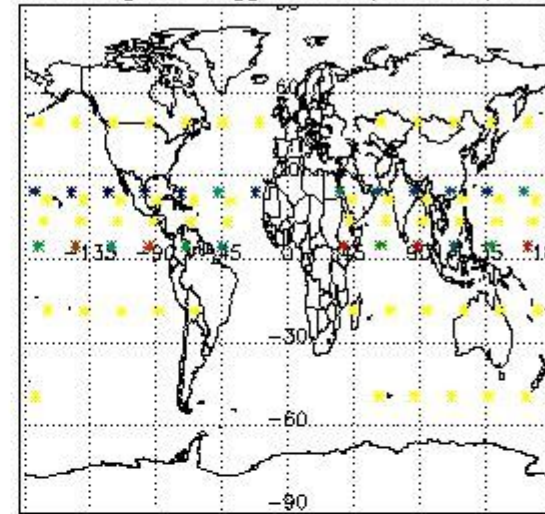


3.2 Plot quality information per product (world map)

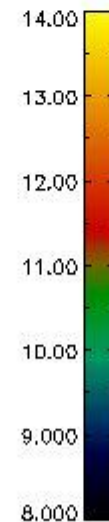
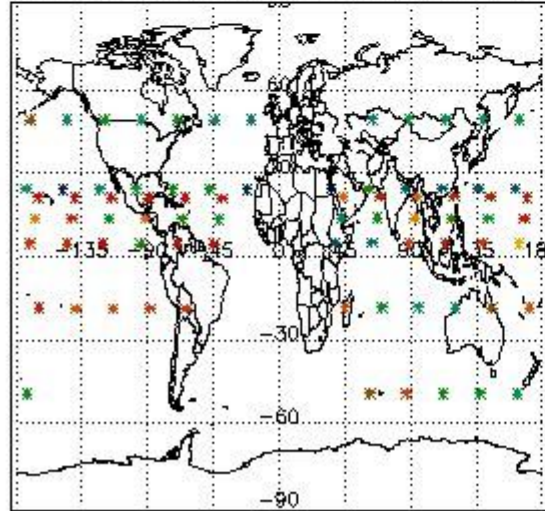
Percentage of flagged data per O3 profile



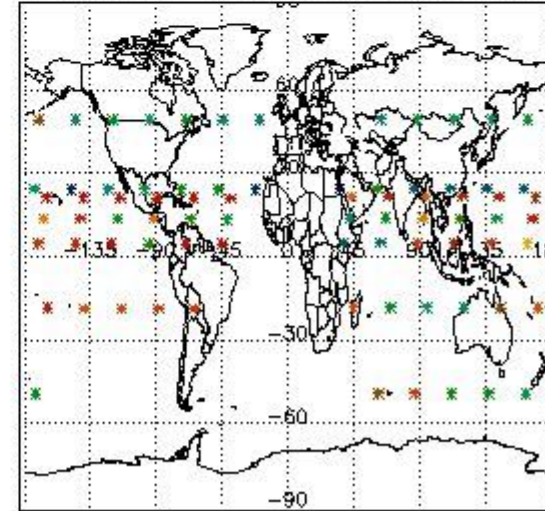
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

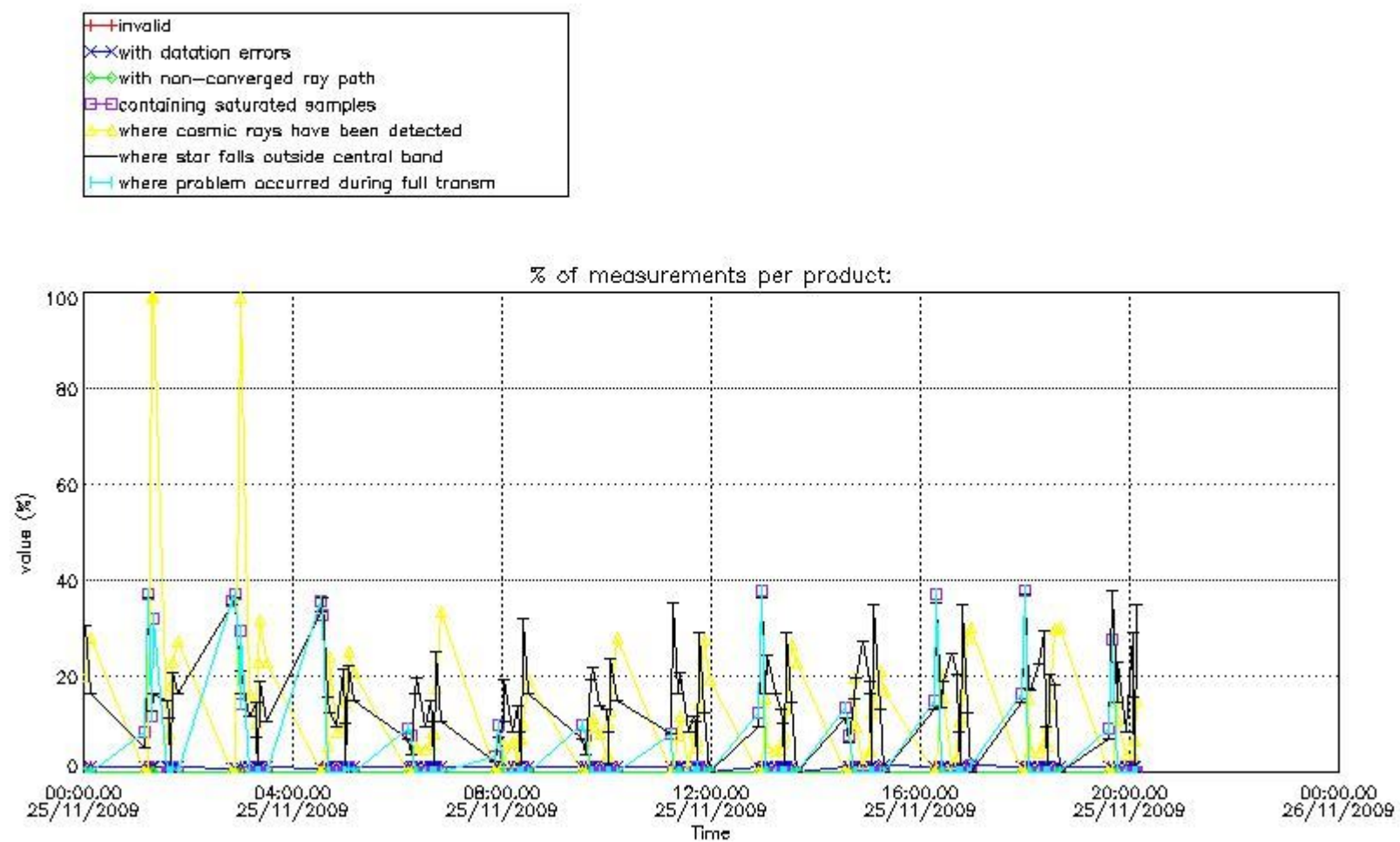


4. Level 1 quality information per product

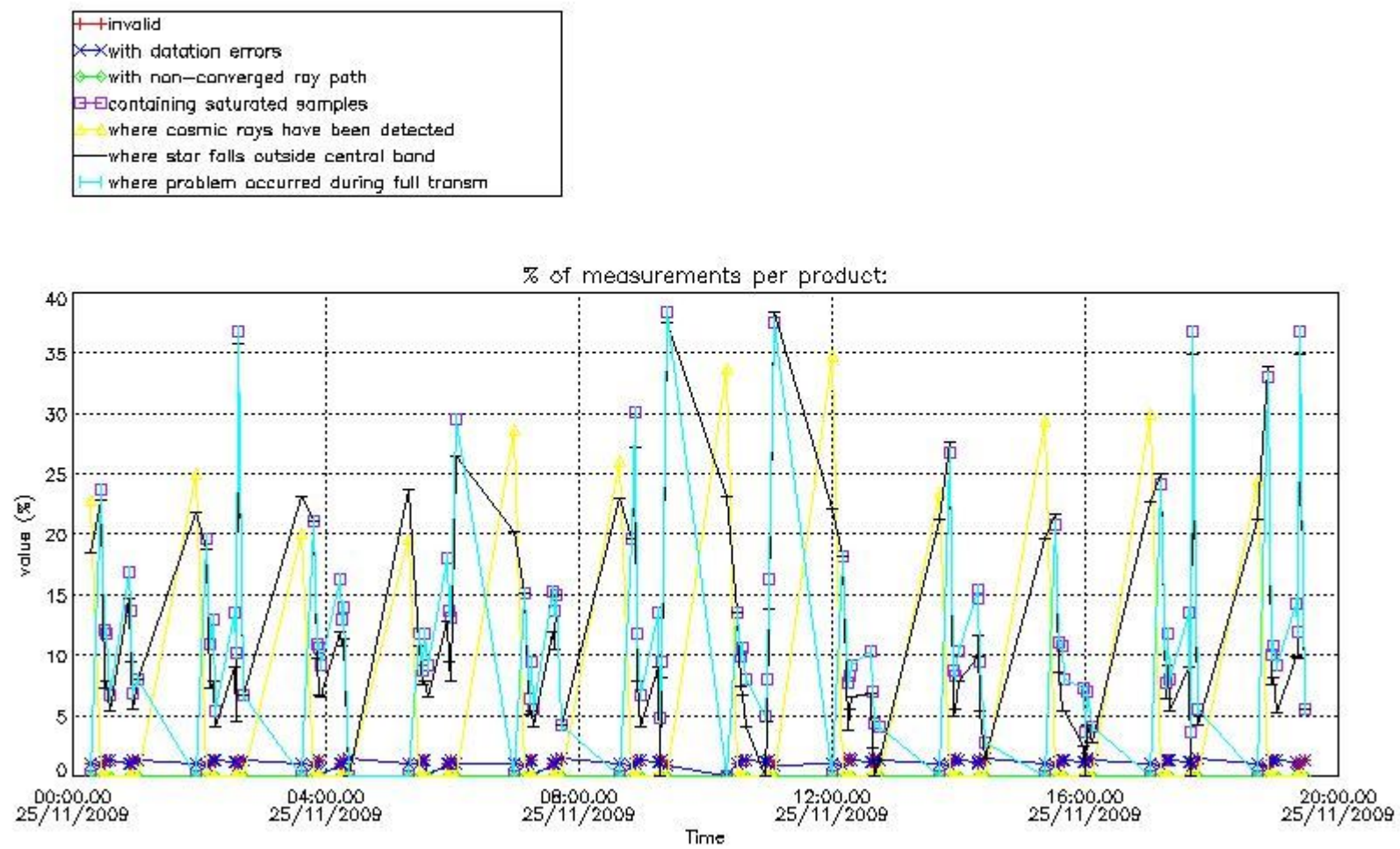
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



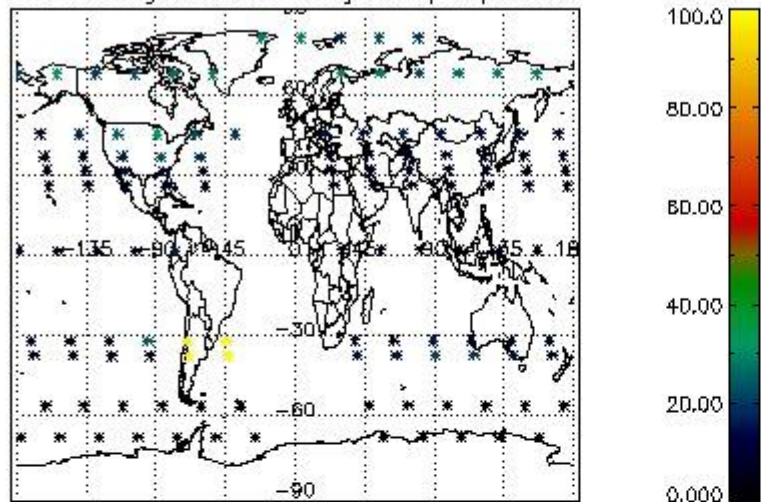
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



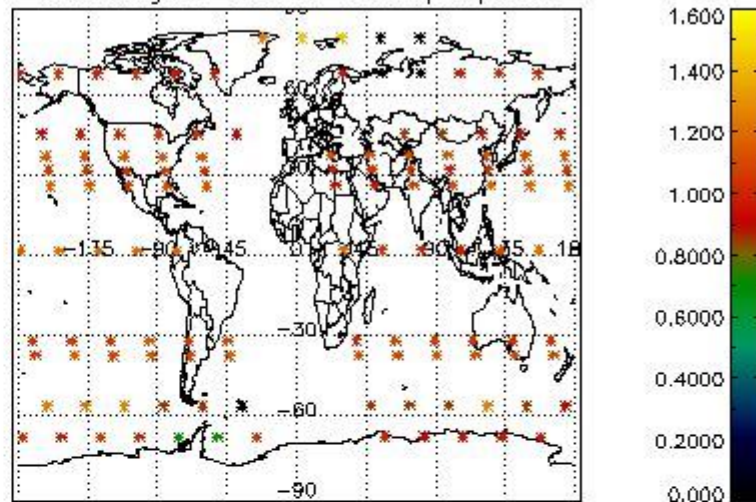
4.2 Plot quality information per product coming from level 1b processing (world map)

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

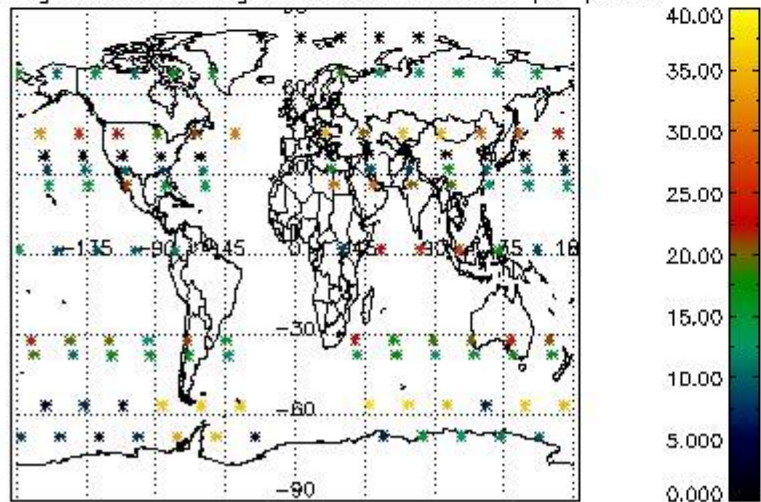
Percentage of cosmic ray hits per profile



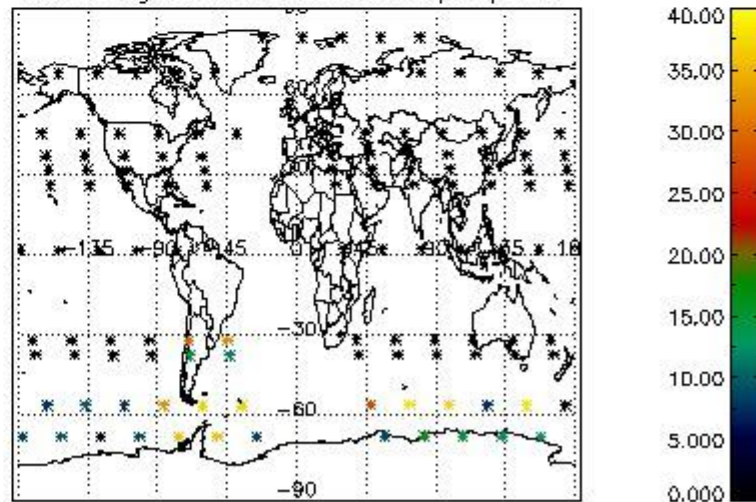
Percentage of datation errors per profile



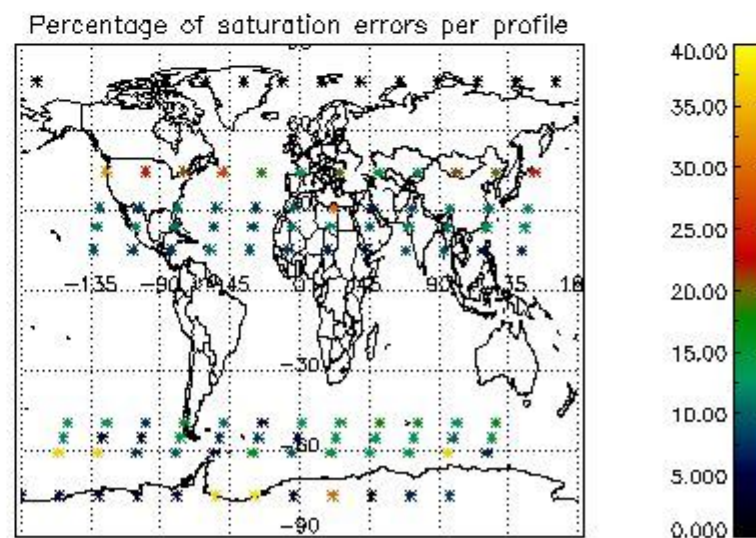
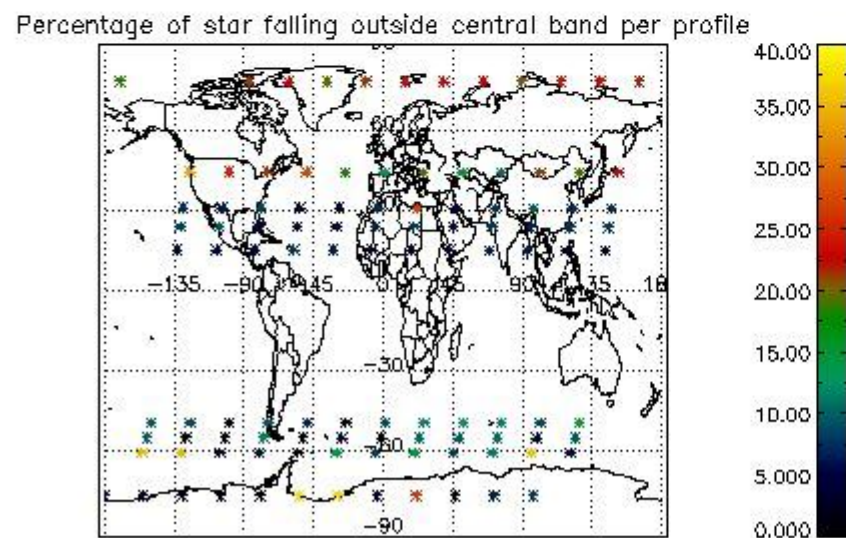
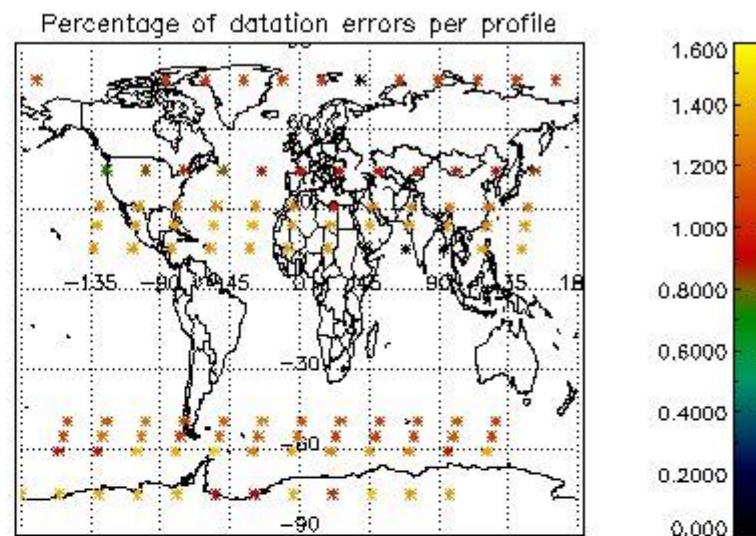
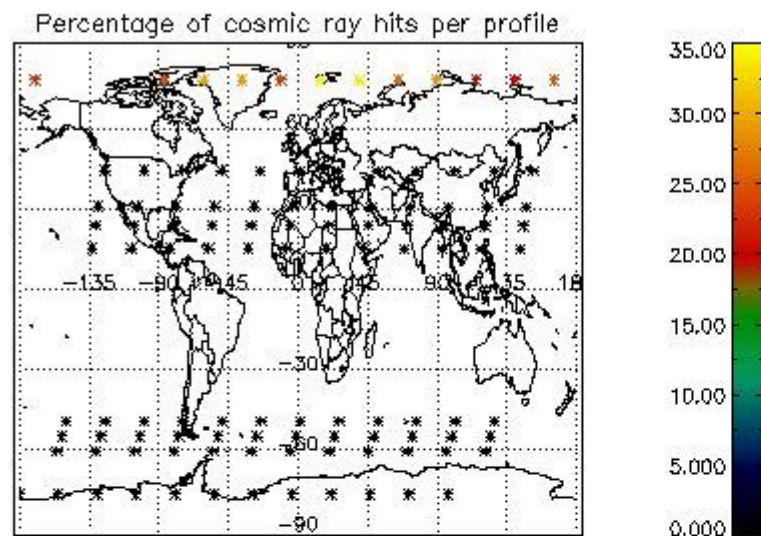
Percentage of star falling outside central band per profile



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

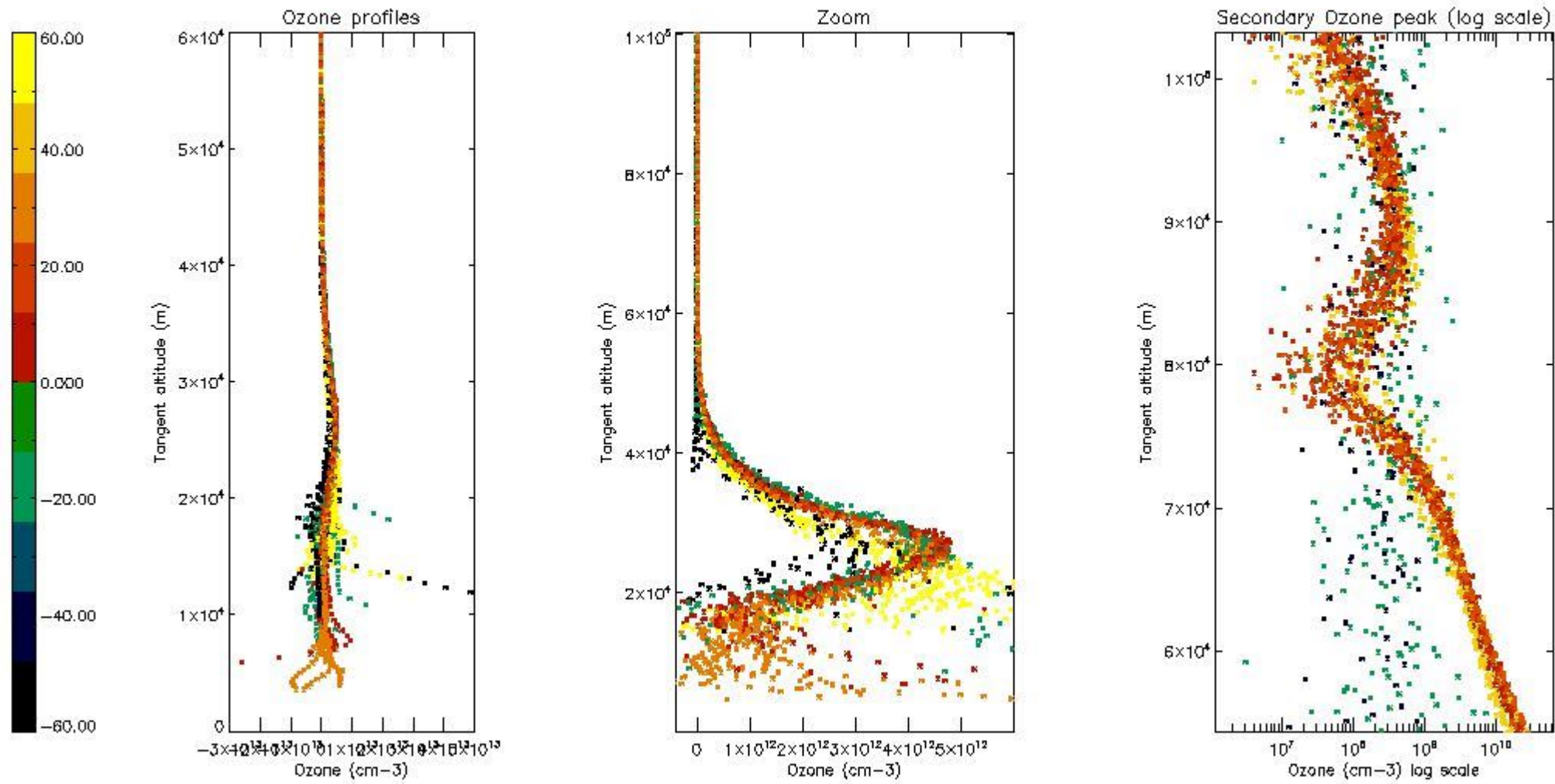
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	20

STD < 10	16
STD < 5	10

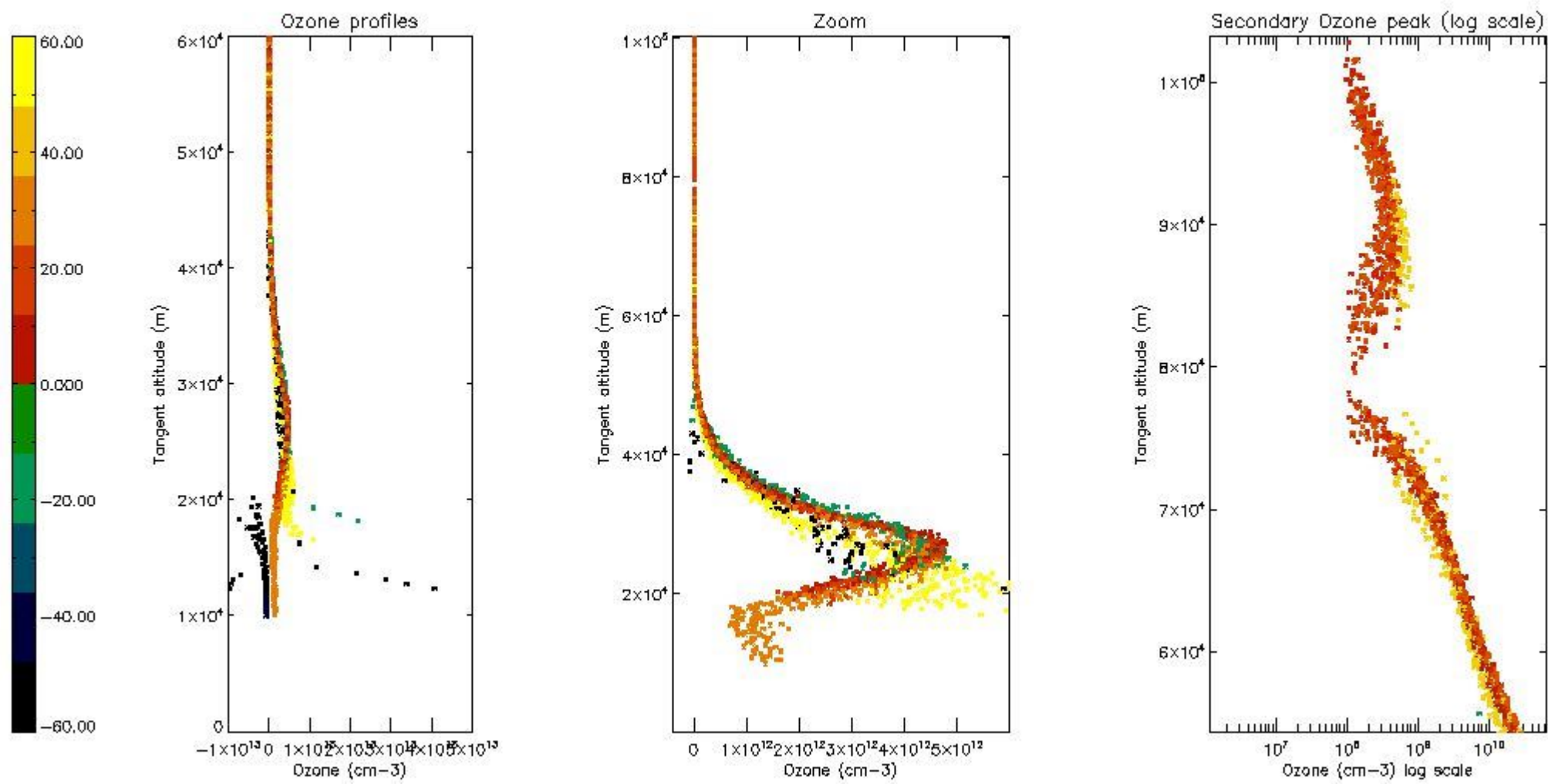
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



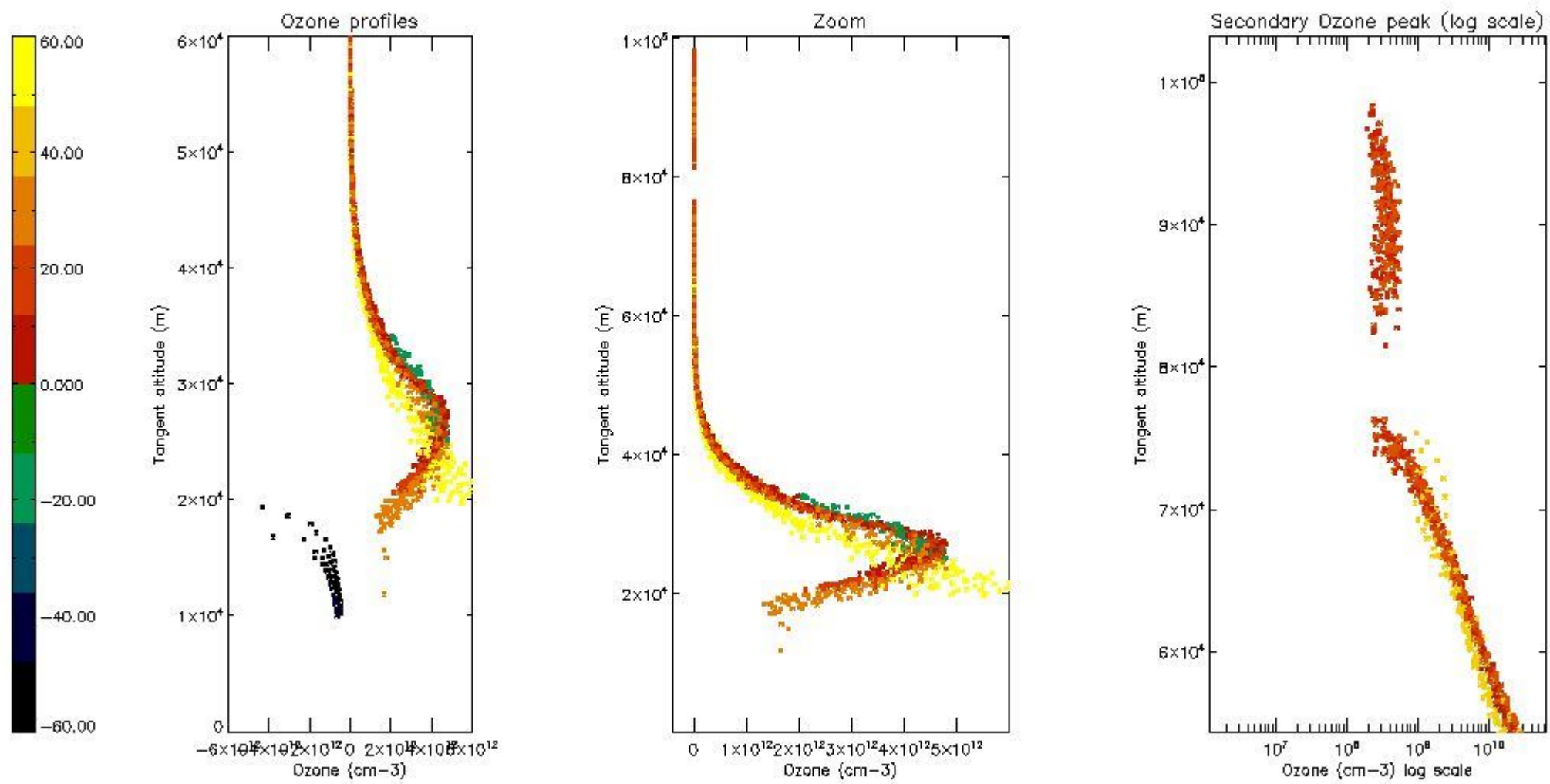
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



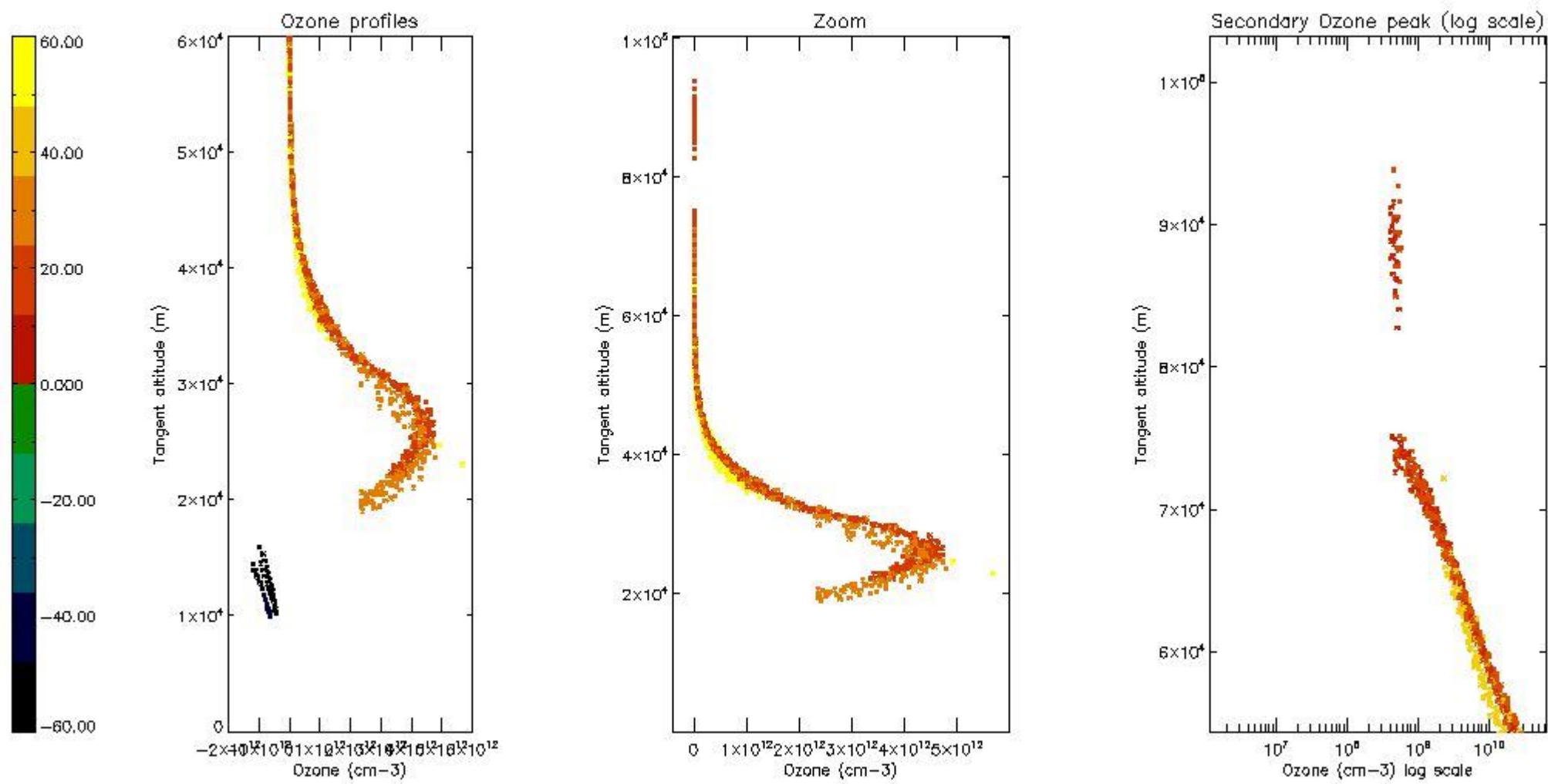
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



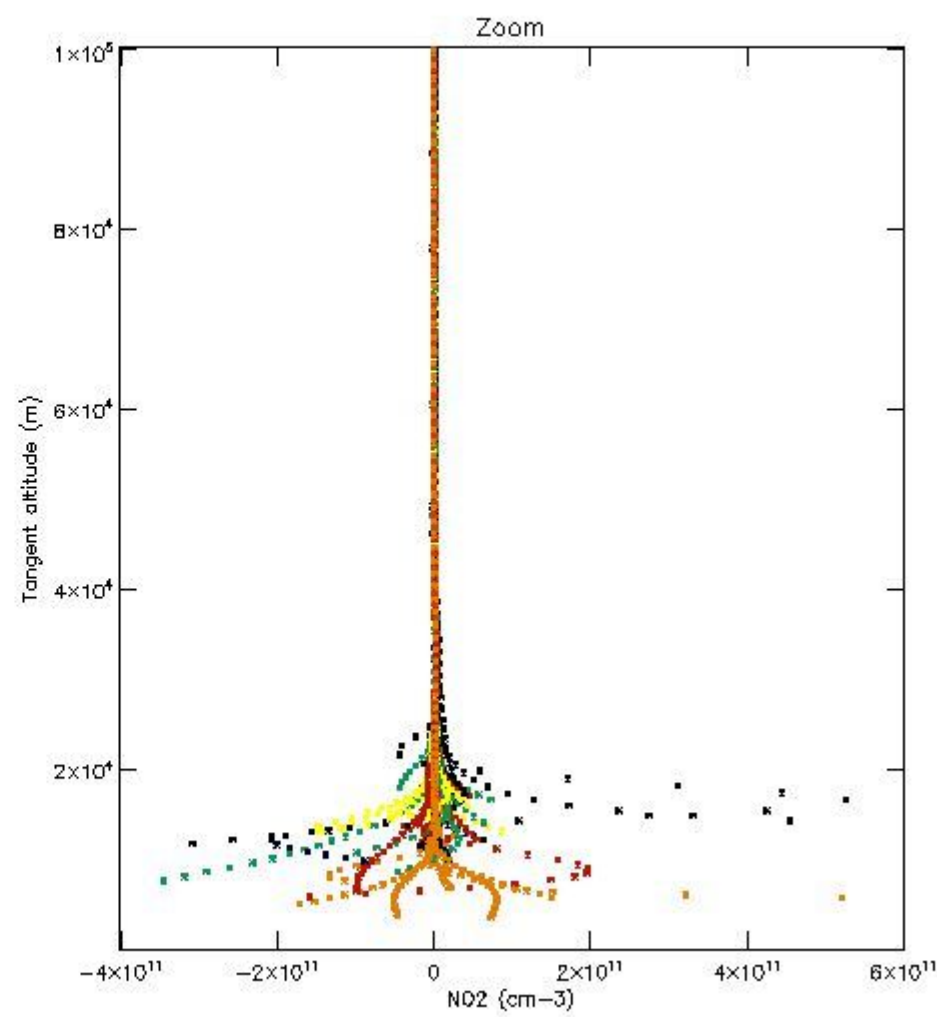
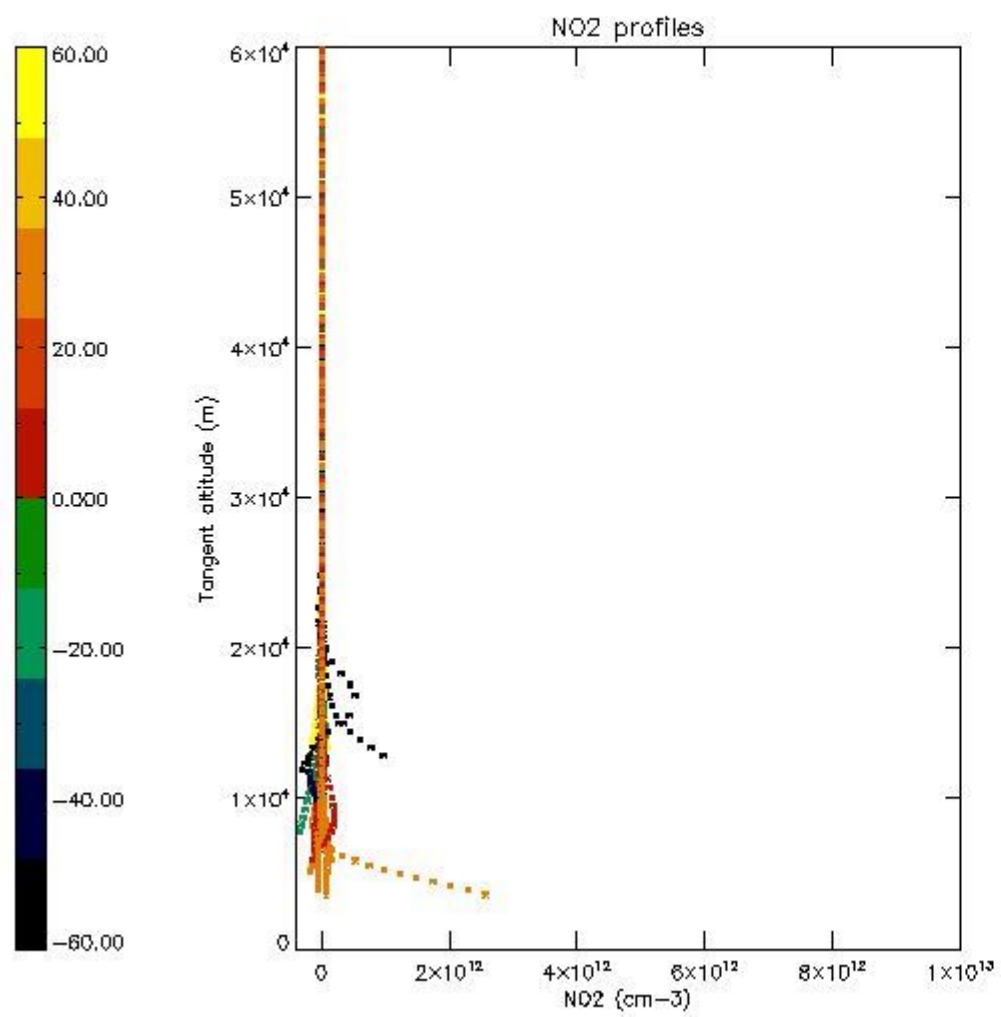
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



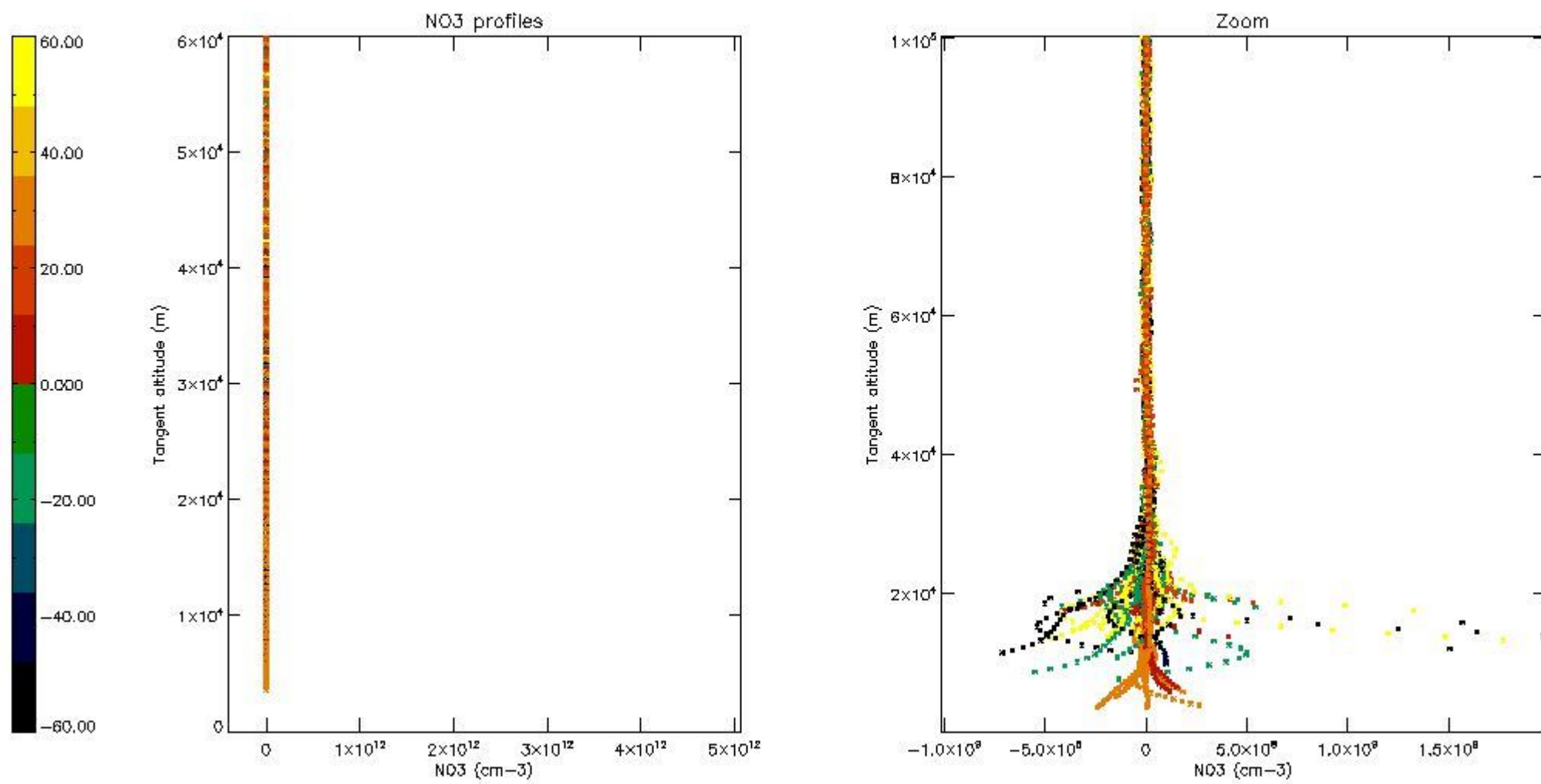
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



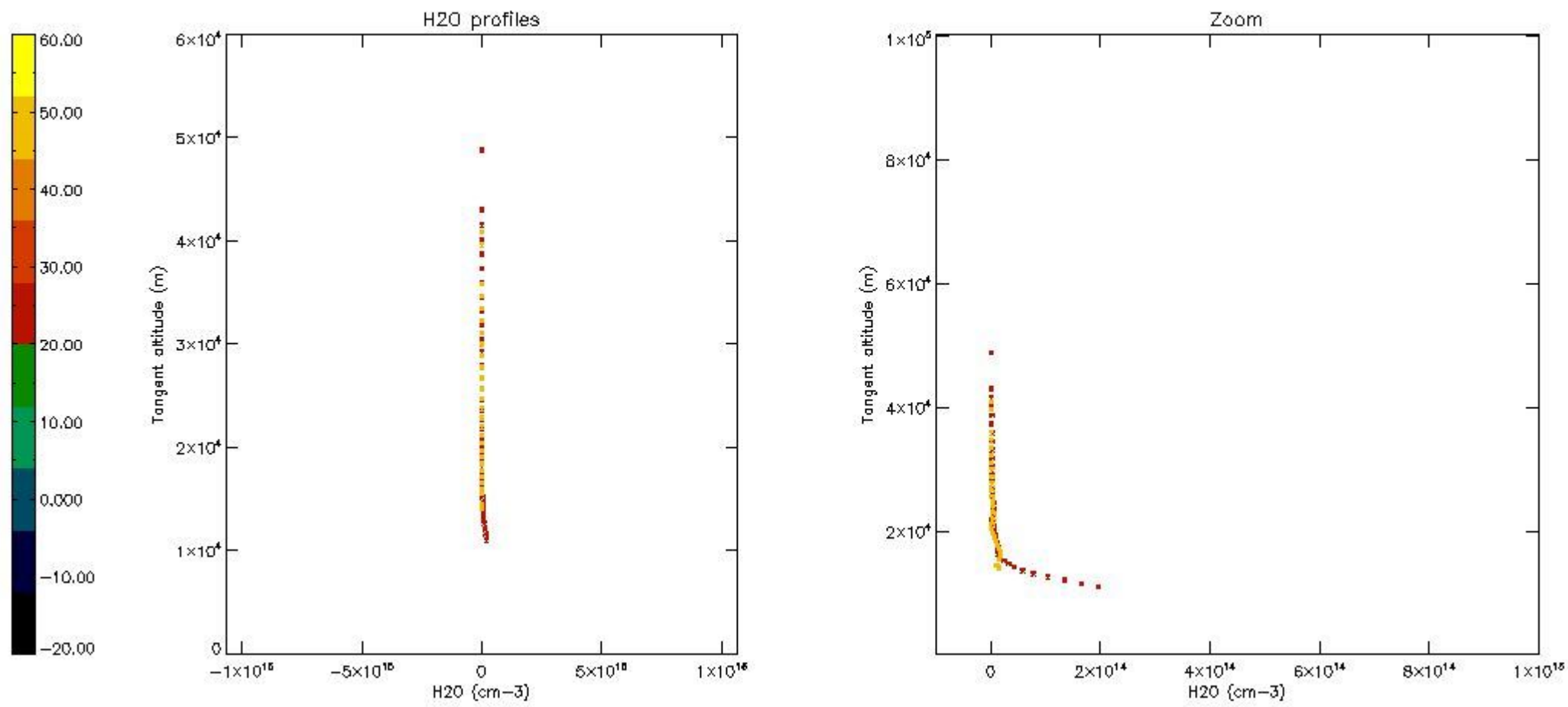
5.7 Plot NO₃ profiles for all STD (dark without errors)

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	25-NOV-2009 00:01:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-NOV-2009 00:01:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-NOV-2009 00:01:16

GOMOS Level 2 Daily Report

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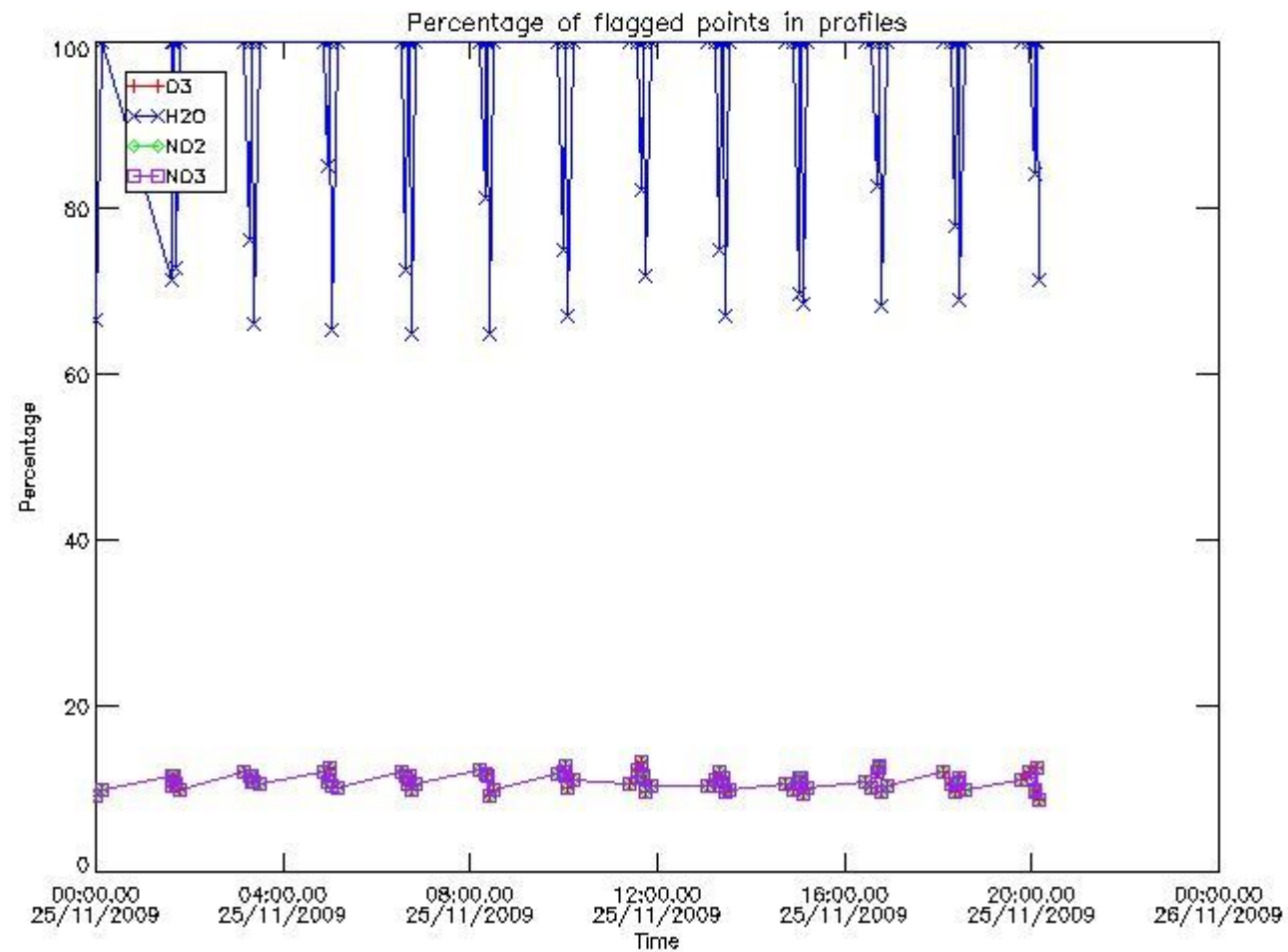
[6. Auxiliary Data Files used for the production reported in section 2](#)

220	GOM_NL__2PRFIN20091125_190107_000000382084_00328_40462_2611.N1	25-NOV-2009 19:01:07	Bright	38.000	175	39Del Per	3.0100	19400.	76	40462	No
221	GOM_NL__2PRFIN20091125_191917_000000462084_00328_40462_2612.N1	25-NOV-2009 19:19:17	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40462	No
222	GOM_NL__2PRFIN20091125_192055_000000462084_00328_40462_2613.N1	25-NOV-2009 19:20:55	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40462	No
223	GOM_NL__2PRFIN20091125_192232_000000532084_00328_40462_2614.N1	25-NOV-2009 19:22:32	Bright	53.000	55	79Zet UMa	2.0600	10200.	106	40462	No
224	GOM_NL__2PRFIN20091125_192735_000000372084_00328_40462_2615.N1	25-NOV-2009 19:27:35	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	40462	No
225	GOM_NL__2PRFIN20091125_193628_000000512084_00328_40462_2616.N1	25-NOV-2009 19:36:28	Bright	50.500	62	94Bet Leo	2.1360	9700.0	101	40462	No
226	GOM_NL__2PRFIN20091125_193952_000000582084_00328_40462_2617.N1	25-NOV-2009 19:39:52	Bright	58.000	121	29Gam Vir	2.7400	7200.0	116	40462	No
227	GOM_NL__2PRFIN20091125_194517_000000452084_00328_40462_2618.N1	25-NOV-2009 19:45:17	Twilight_stray	45.000	100	4Gam Crv	2.5800	13100.	90	40462	No
228	GOM_NL__2PRFIN20091125_194651_000000502084_00328_40462_2619.N1	25-NOV-2009 19:46:51	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	40462	No
229	GOM_NL__2PRFIN20091125_195619_000000422084_00329_40463_2615.N1	25-NOV-2009 19:56:19	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	40463	No
230	GOM_NL__2PRFIN20091125_200307_000000542084_00329_40463_2616.N1	25-NOV-2009 20:03:07	Dark	53.500	41	Eps Car	1.8600	4100.0	107	40463	No
231	GOM_NL__2PRFIN20091125_200446_000000522084_00329_40463_2617.N1	25-NOV-2009 20:04:46	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40463	No
232	GOM_NL__2PRFIN20091125_200618_000000452084_00329_40463_2618.N1	25-NOV-2009 20:06:18	Dark	45.000	70	Zet Pup	2.2460	39000.	90	40463	No
233	GOM_NL__2PRFIN20091125_200834_000000582084_00329_40463_2619.N1	25-NOV-2009 20:08:34	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	40463	No

3. Quality information per product

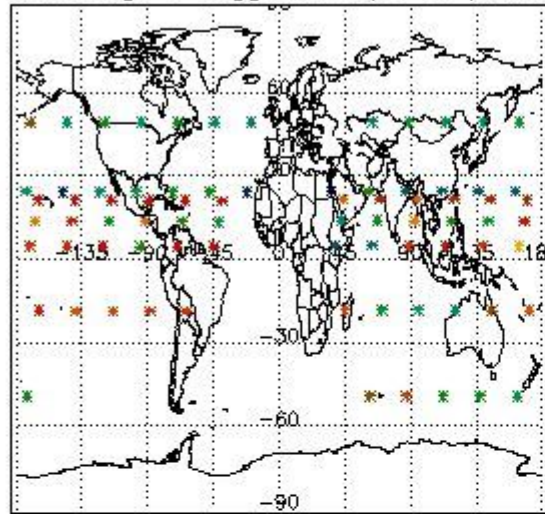
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

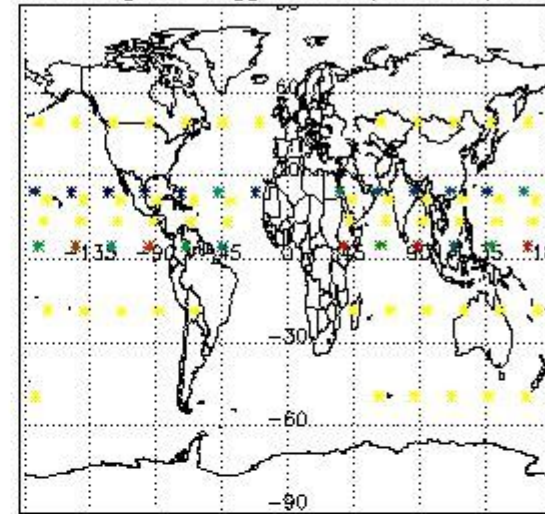


3.2 Plot quality information per product (world map)

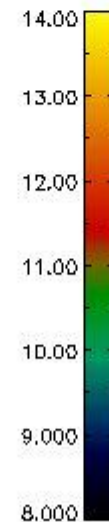
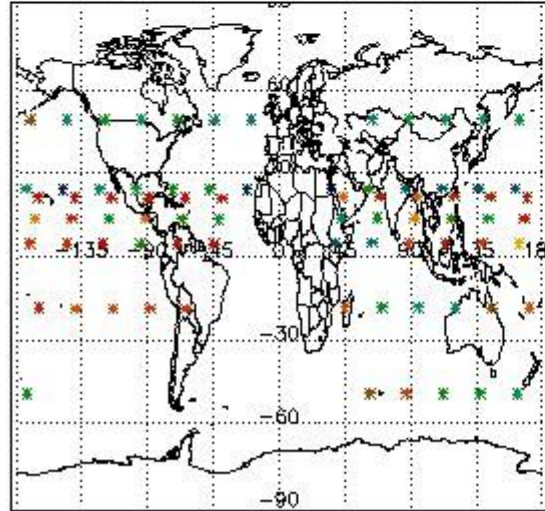
Percentage of flagged data per O3 profile



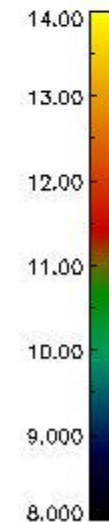
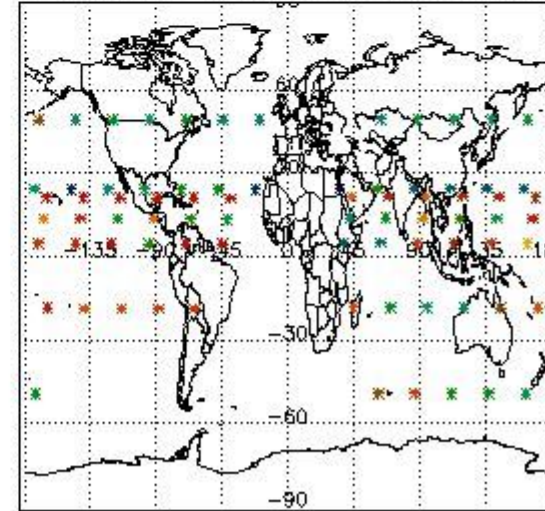
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

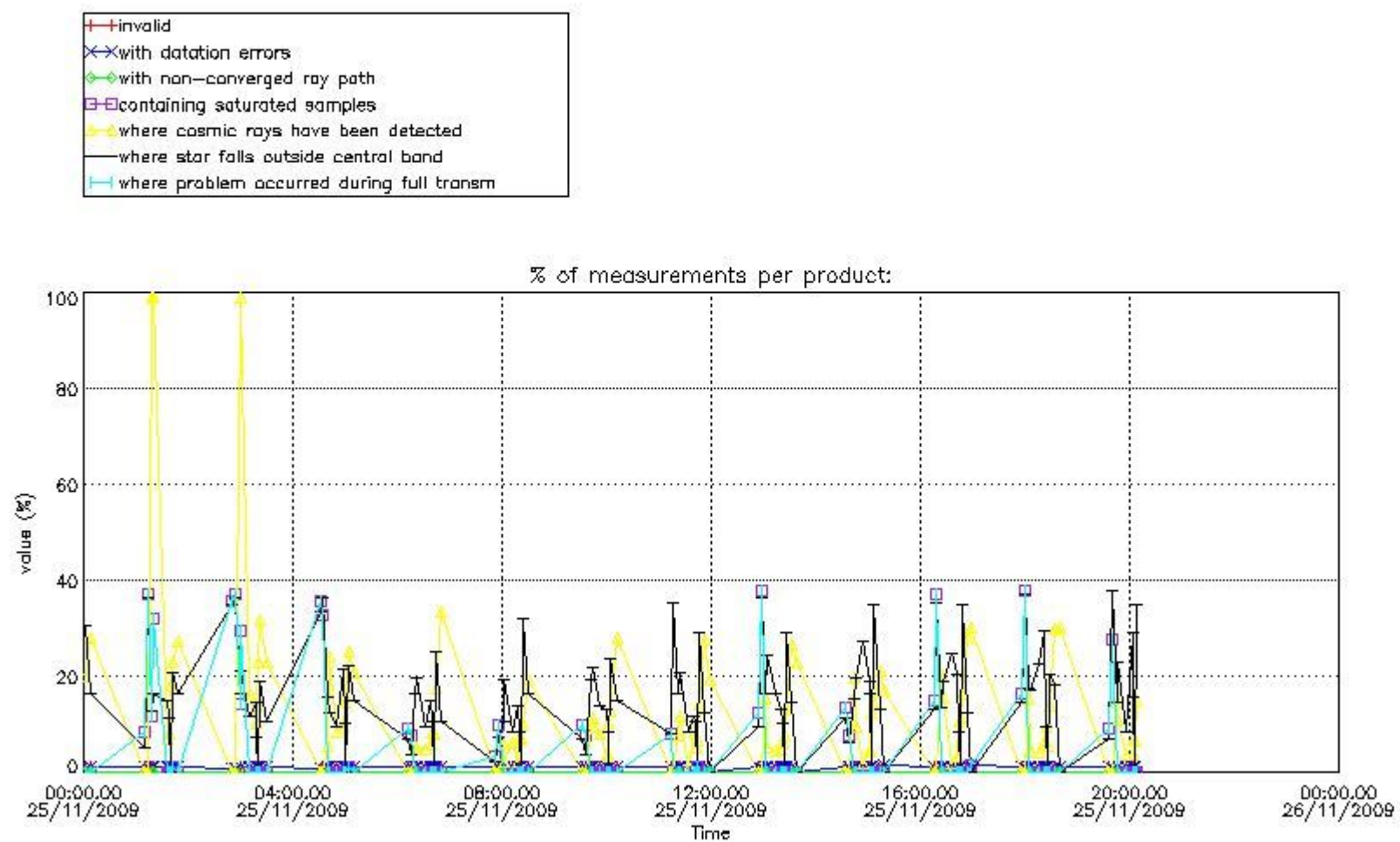


4. Level 1 quality information per product

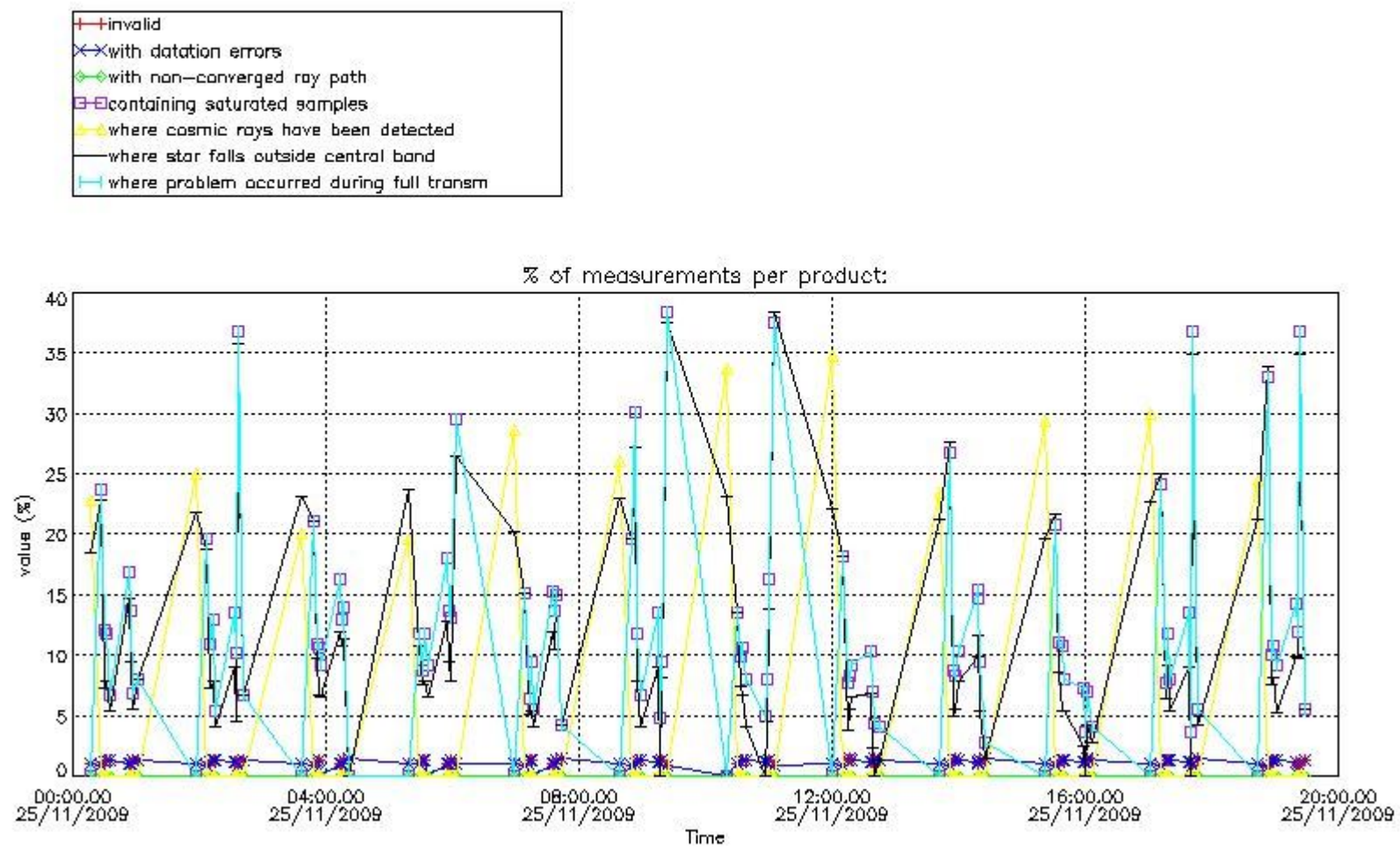
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



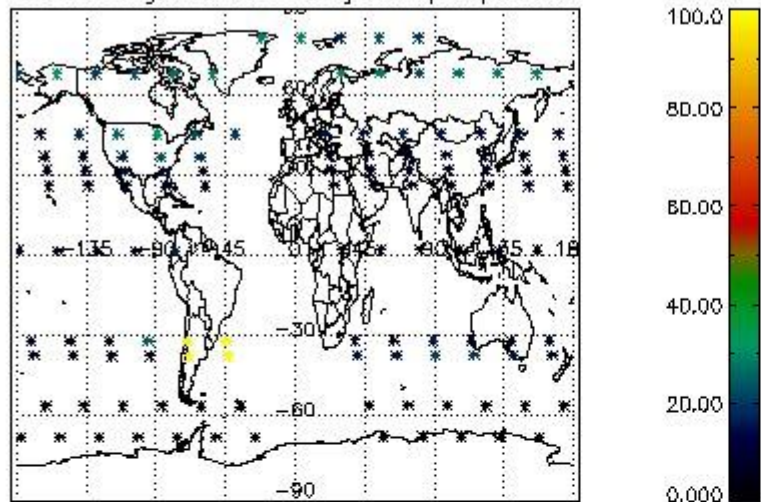
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



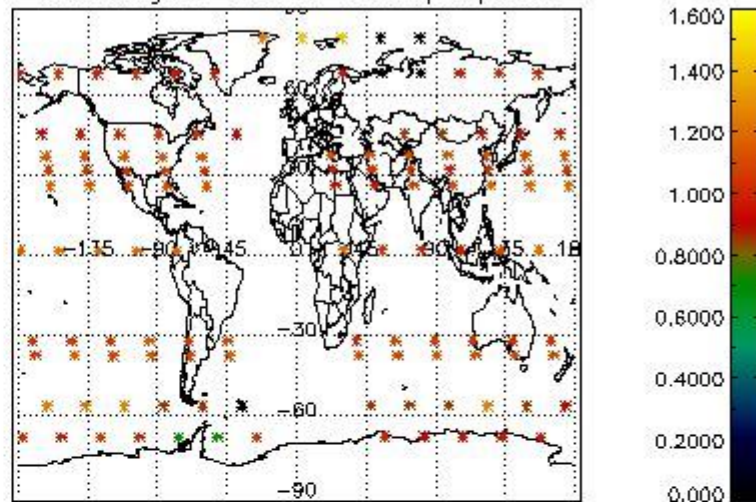
4.2 Plot quality information per product coming from level 1b processing (world map)

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

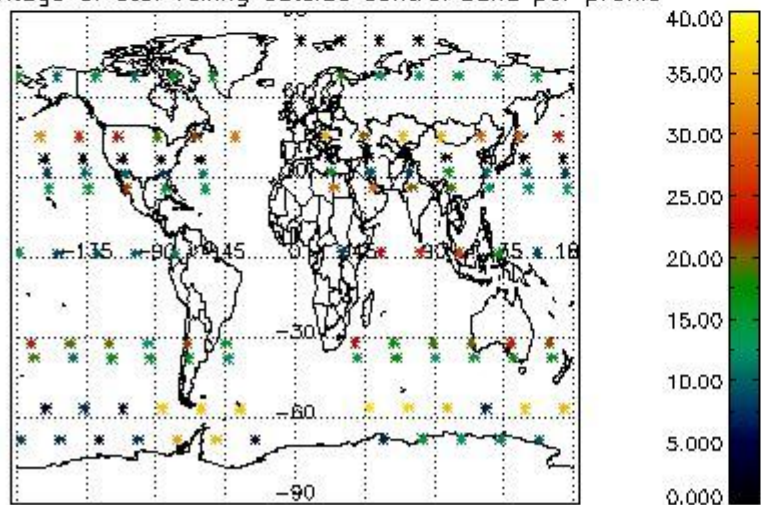
Percentage of cosmic ray hits per profile



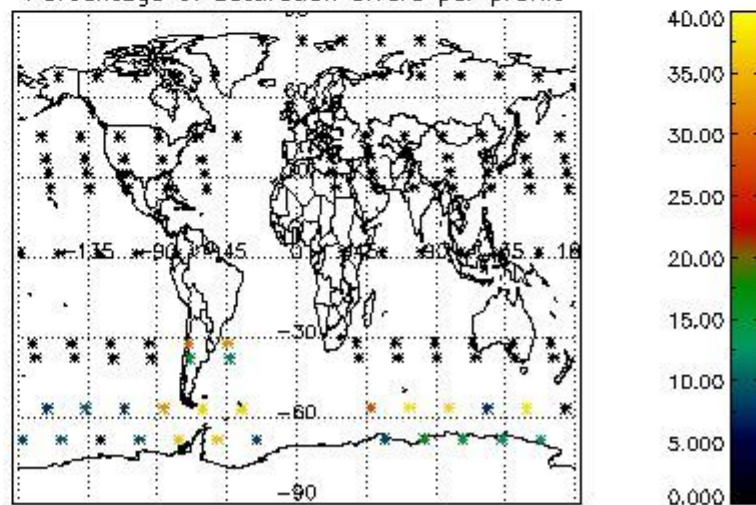
Percentage of datation errors per profile



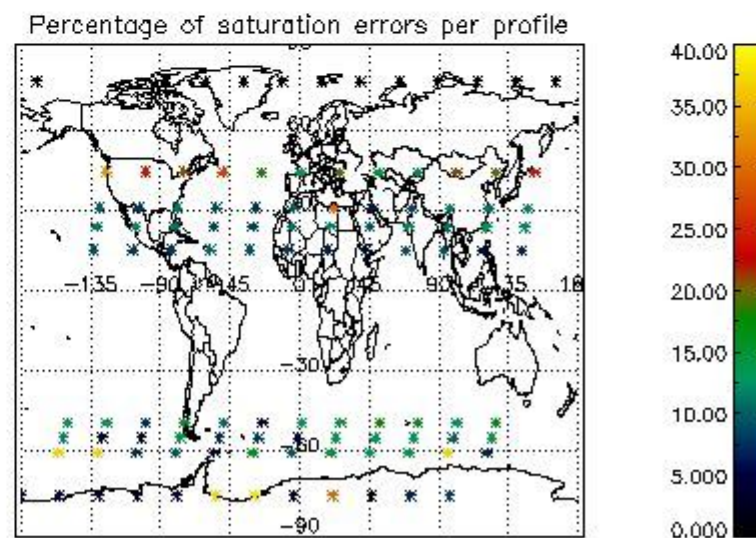
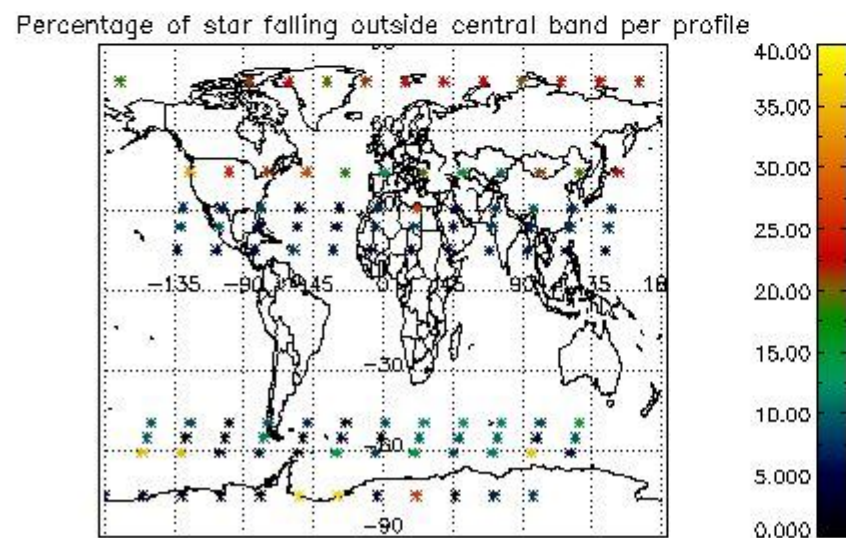
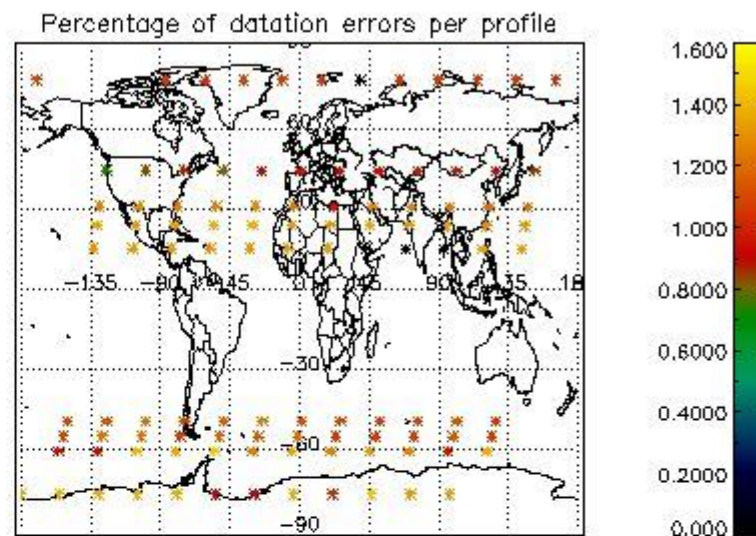
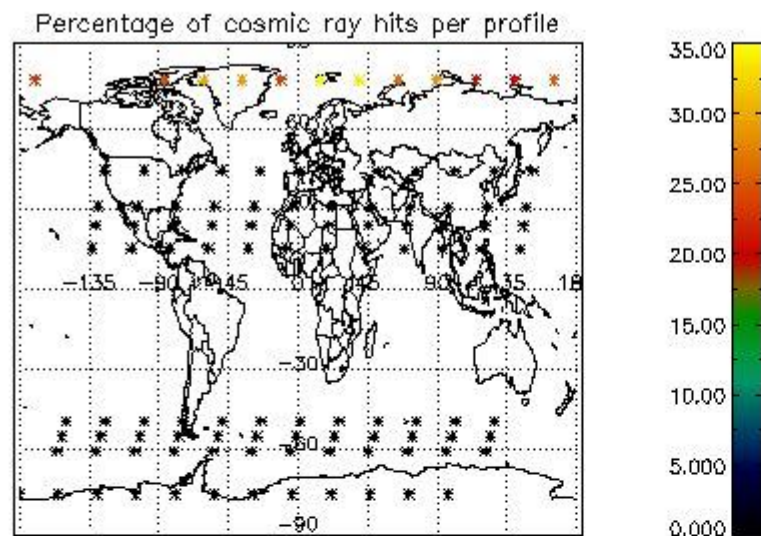
Percentage of star falling outside central band per profile



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

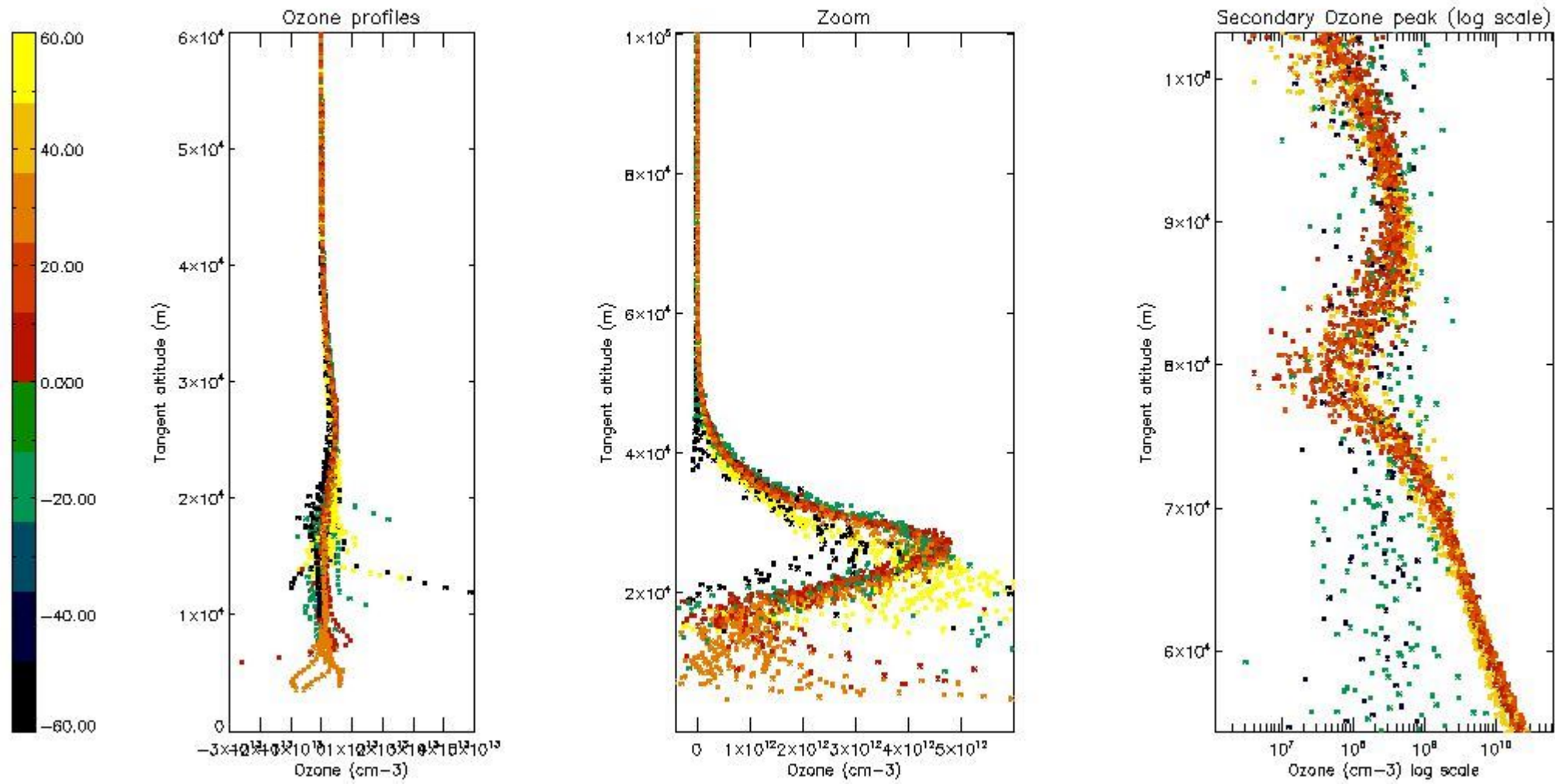
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	20

STD < 10	16
STD < 5	10

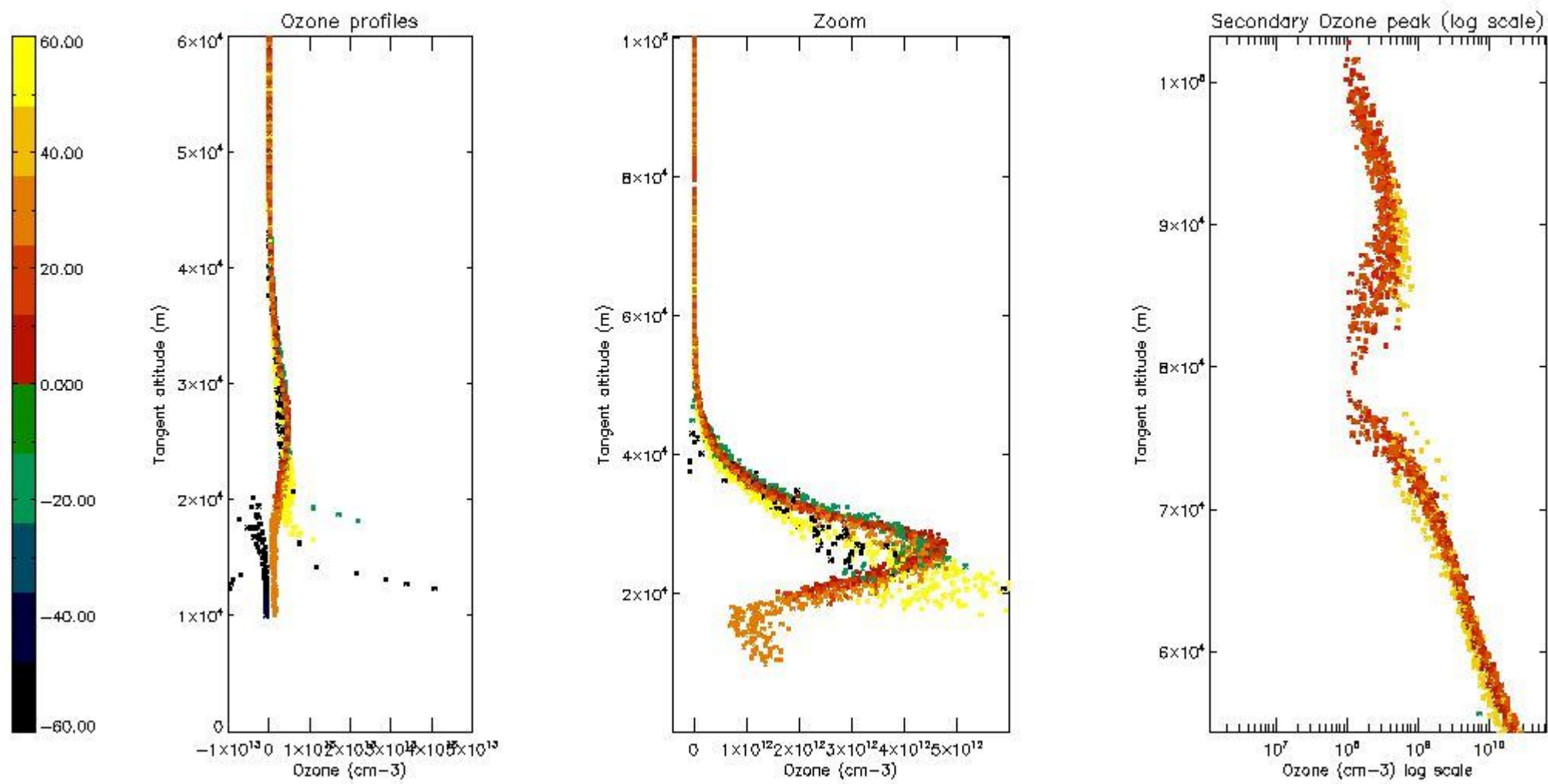
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



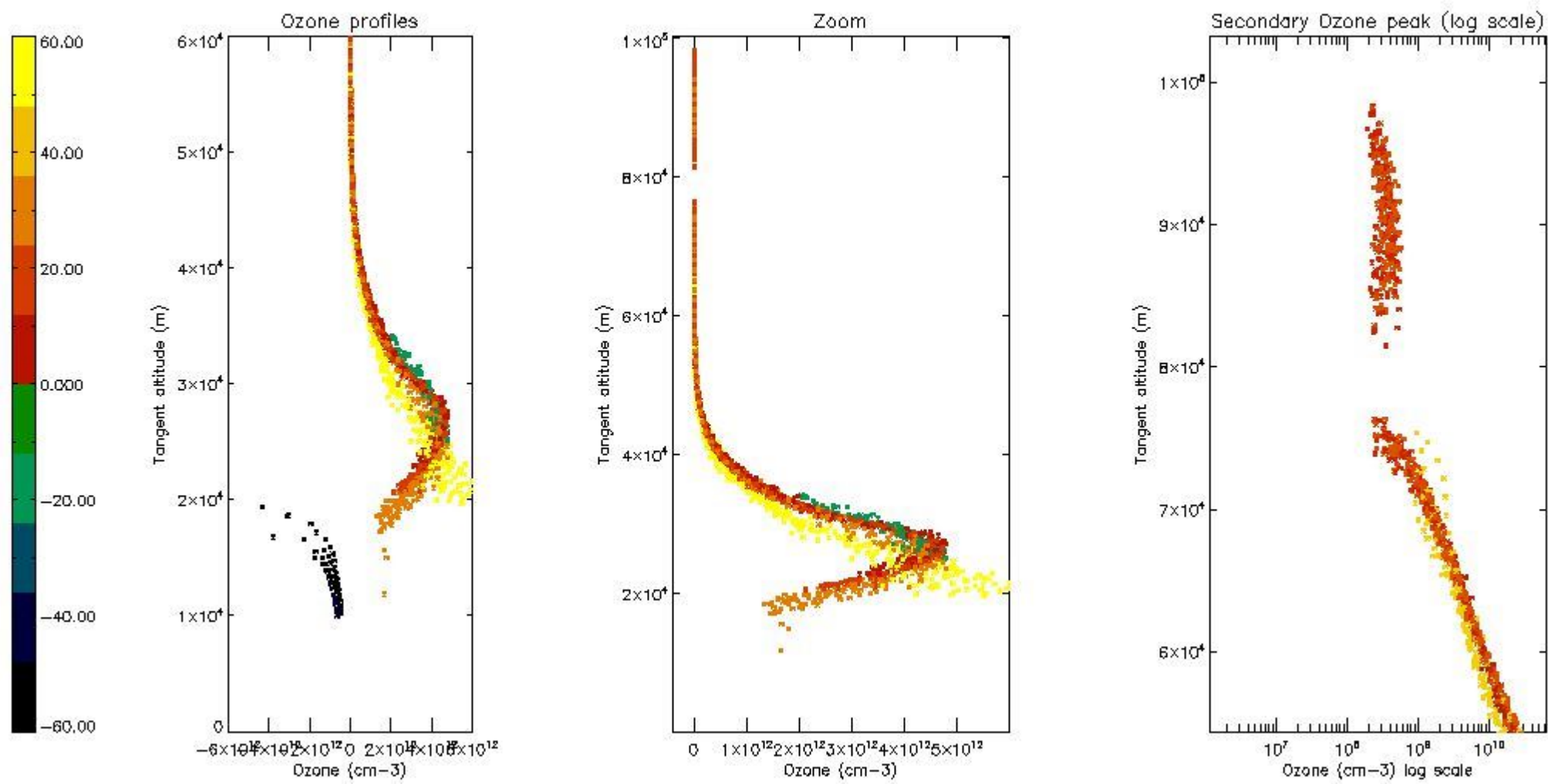
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



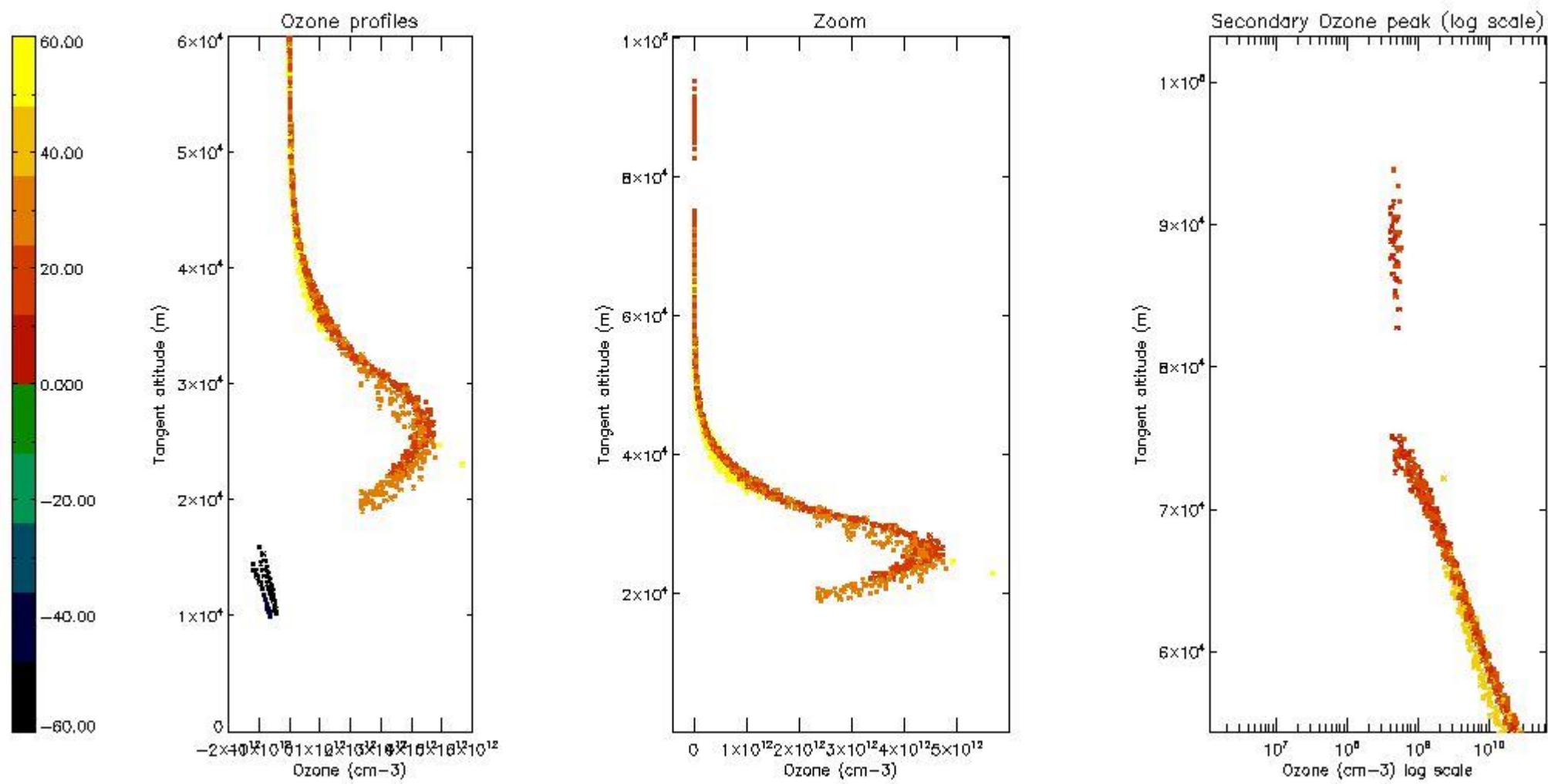
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



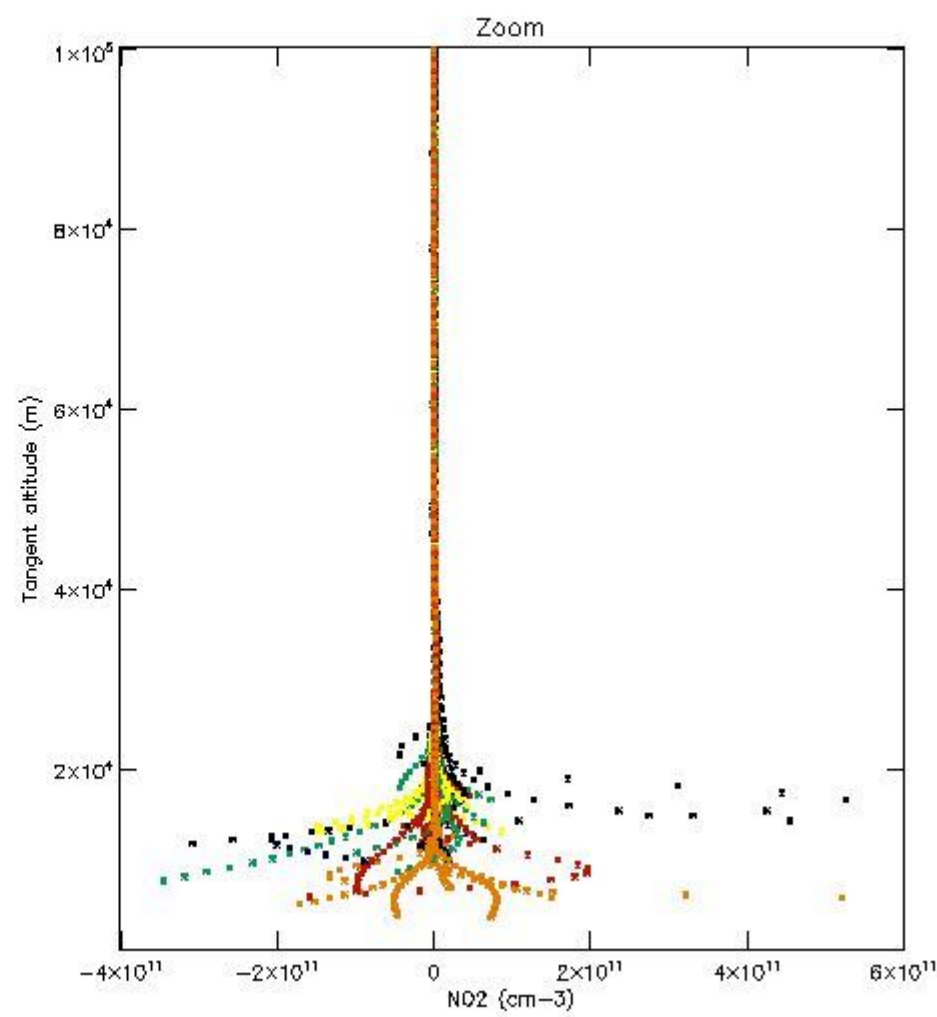
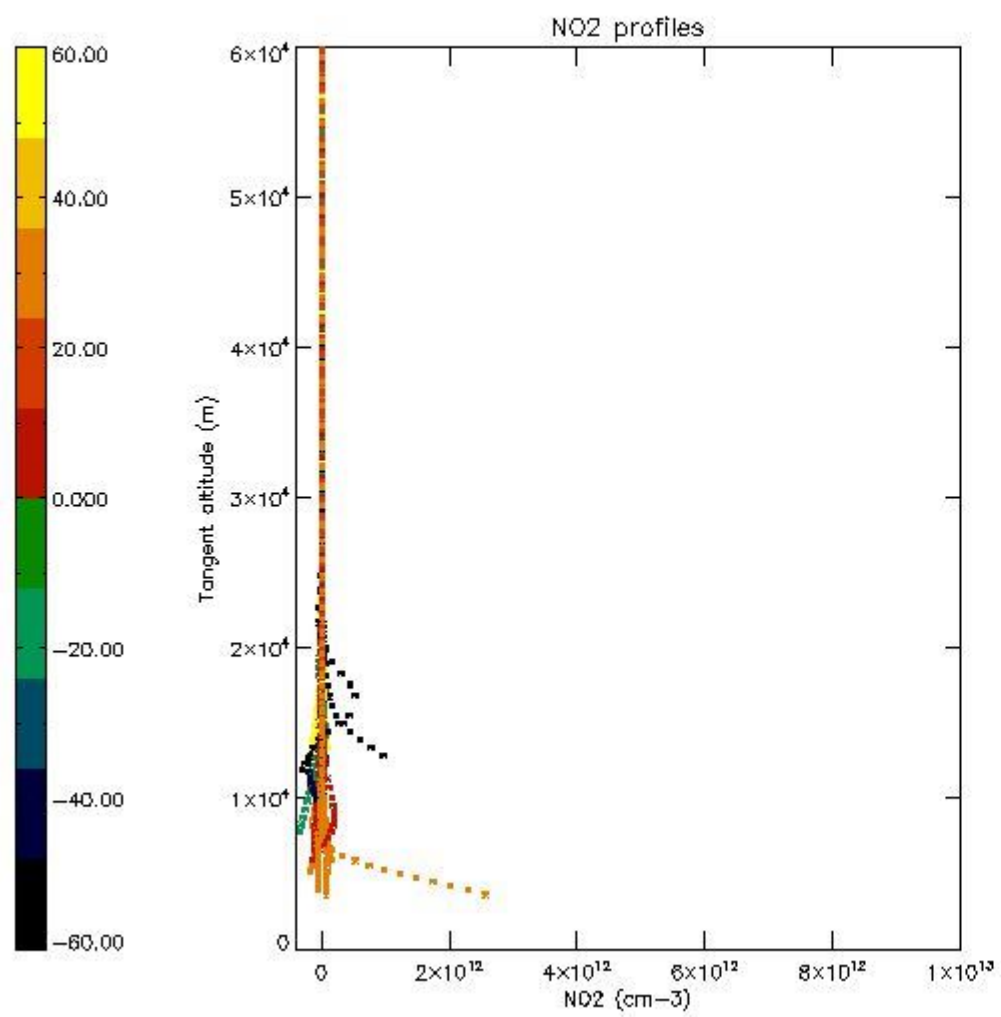
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



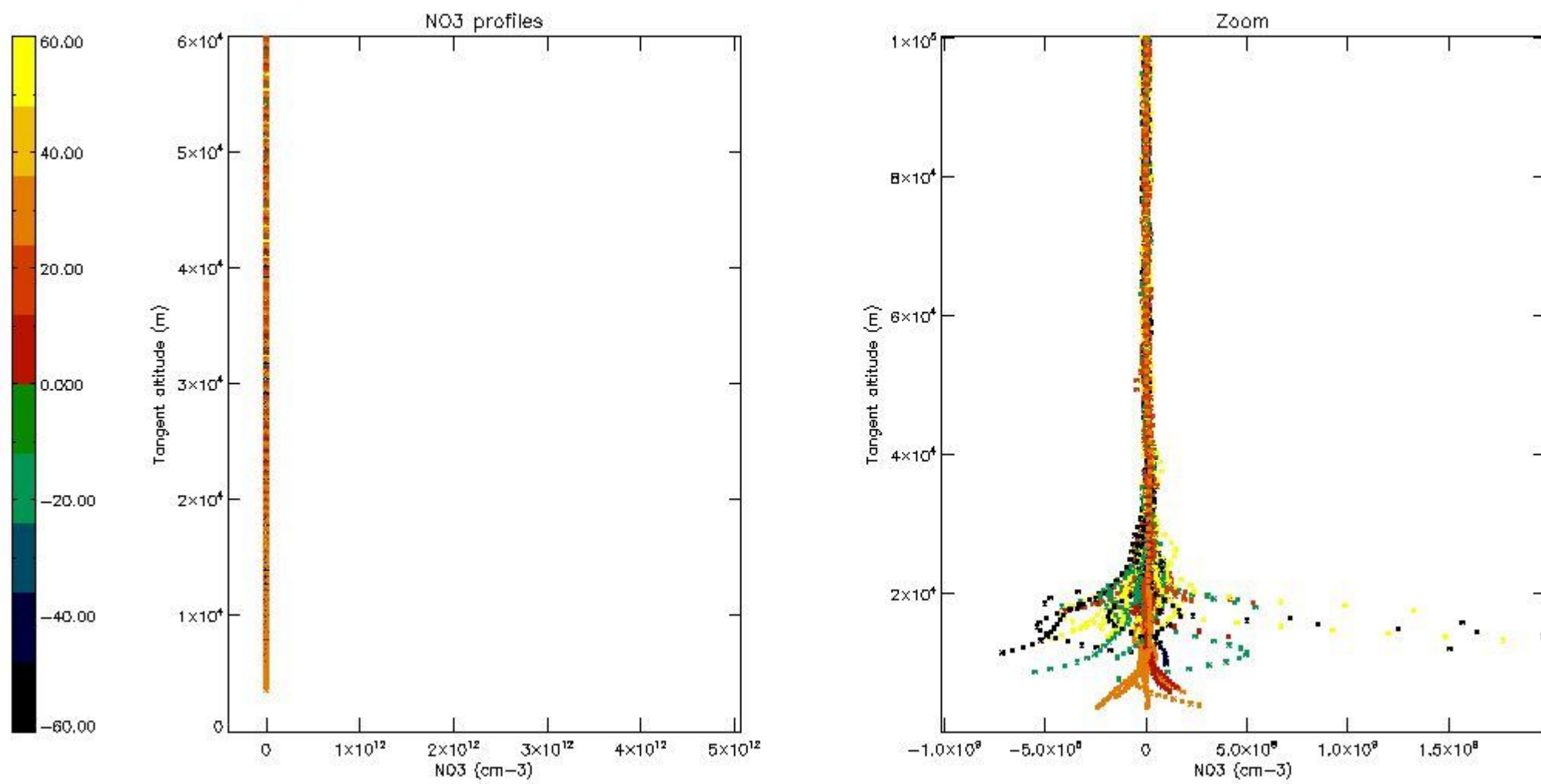
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



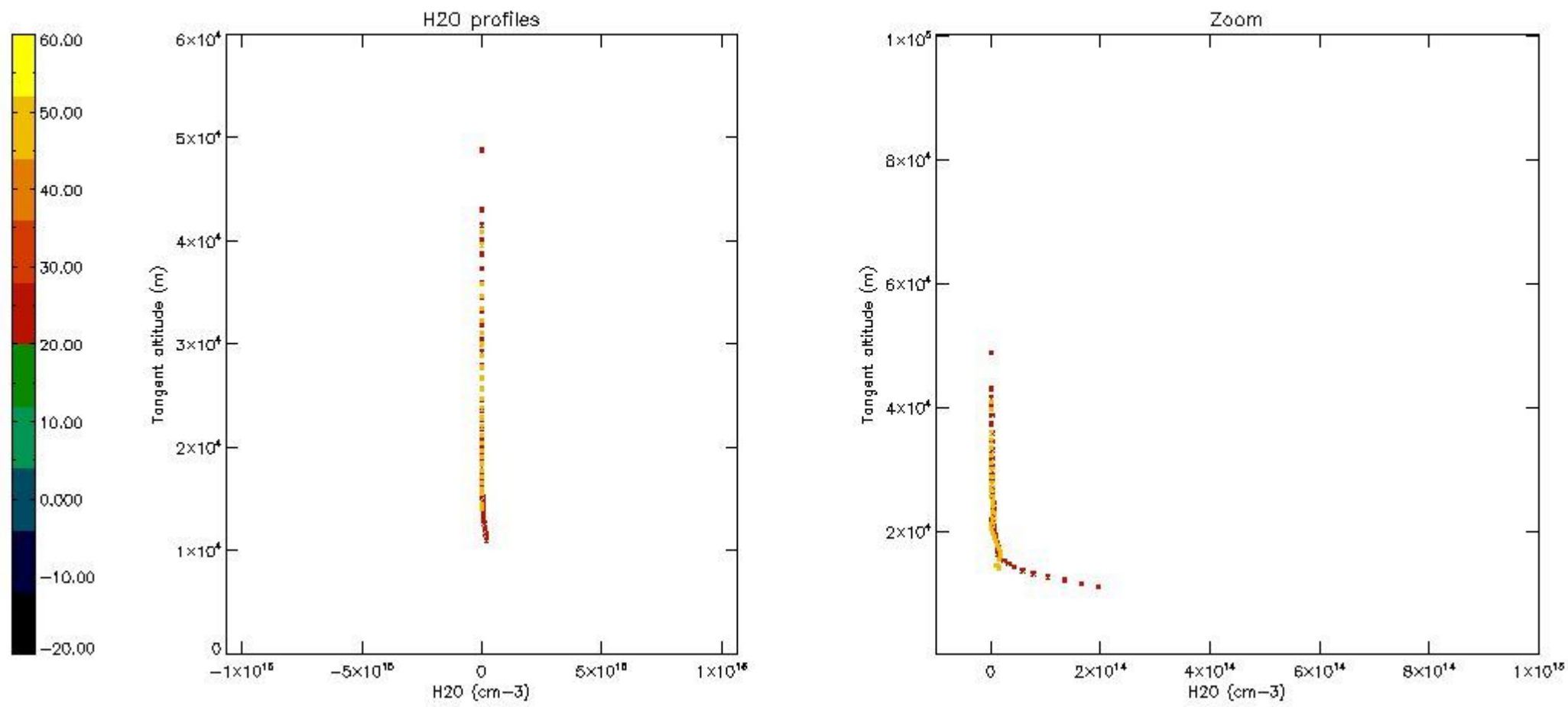
5.7 Plot NO₃ profiles for all STD (dark without errors)

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)

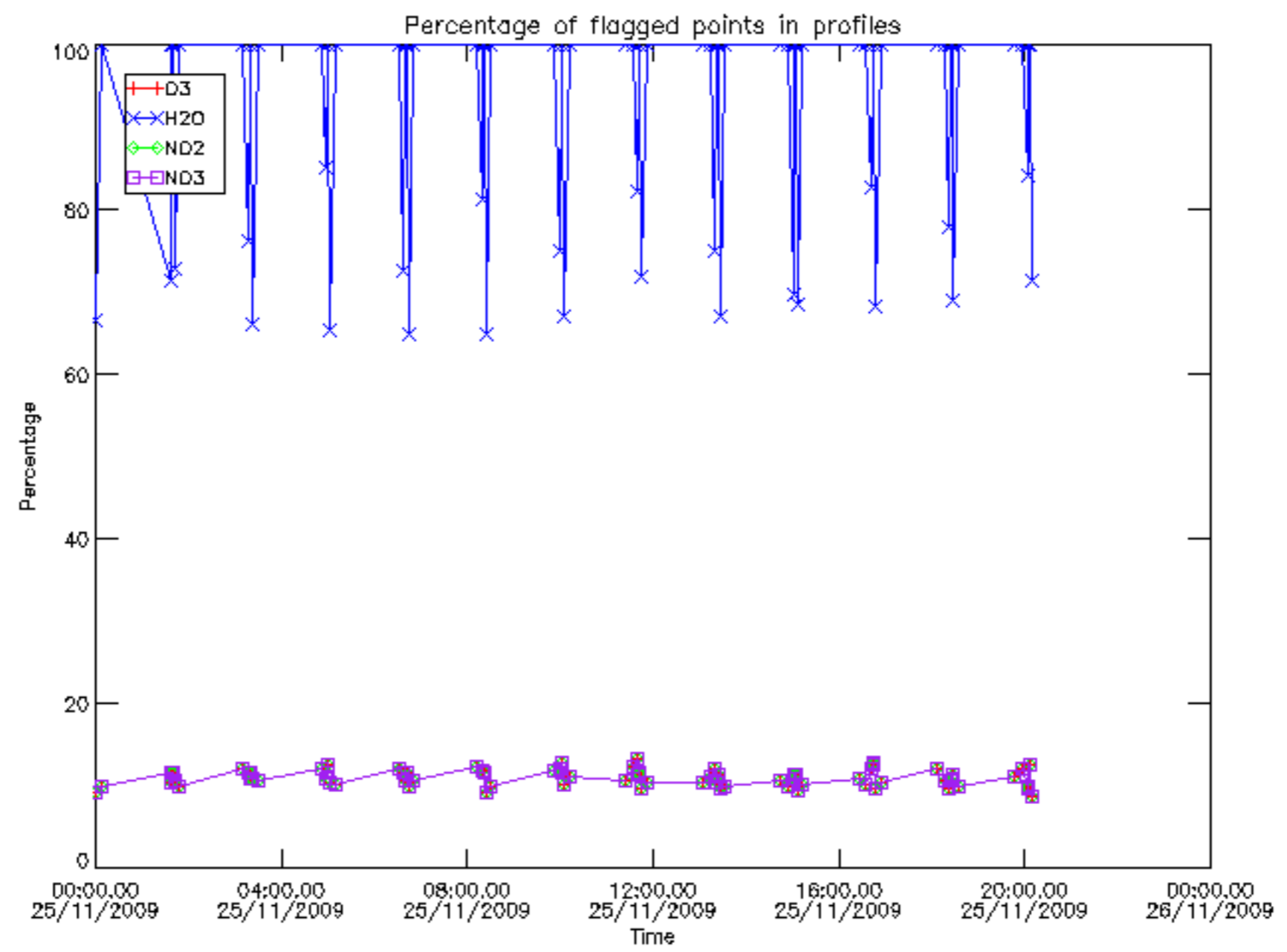
The colorbar represents the latitude.



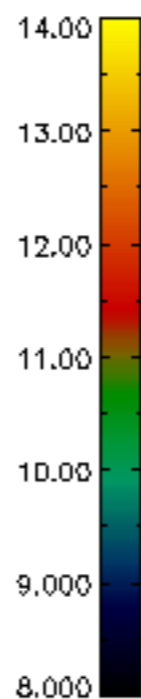
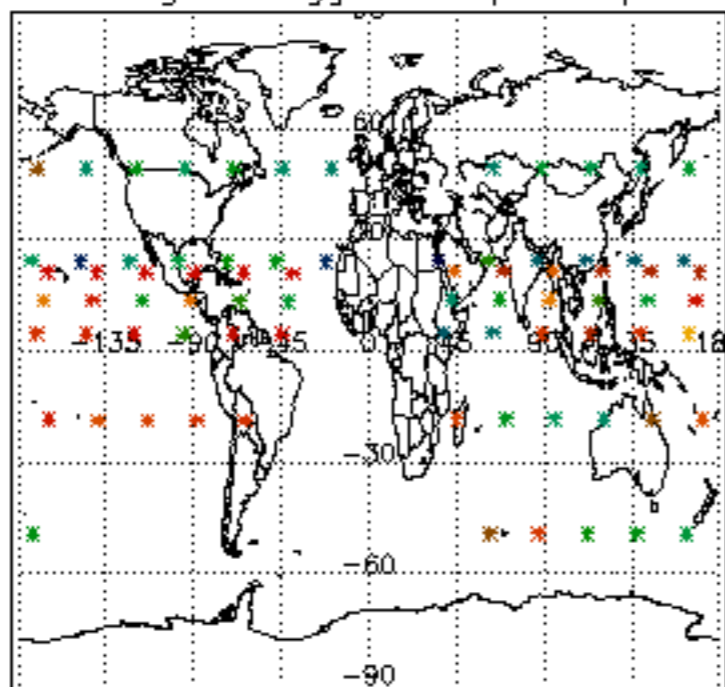
6. Auxiliary Data Files used for the production reported in section 2

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.

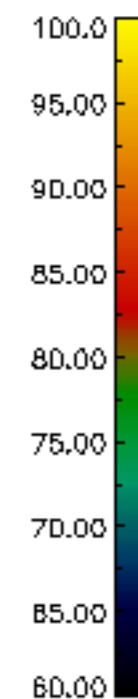
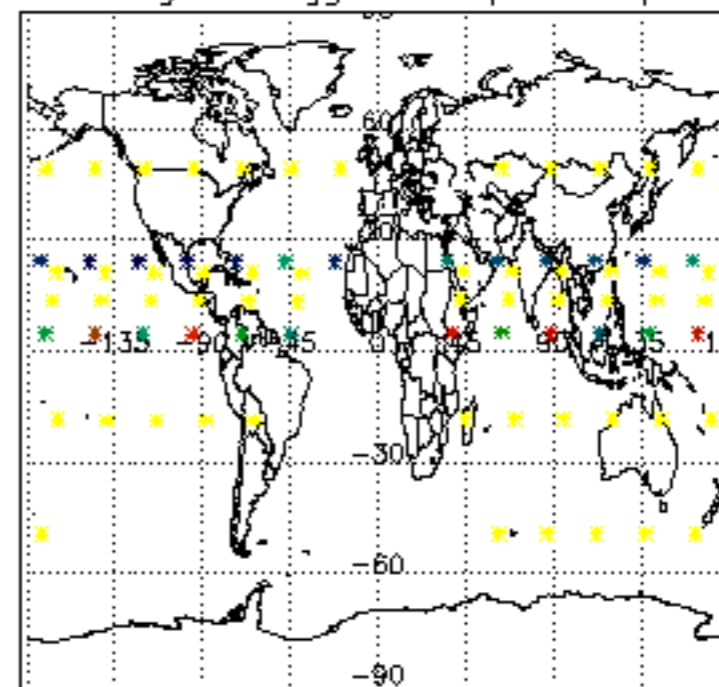
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-NOV-2009 00:01:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-NOV-2009 00:01:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-NOV-2009 00:01:16



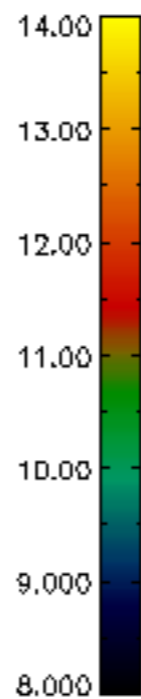
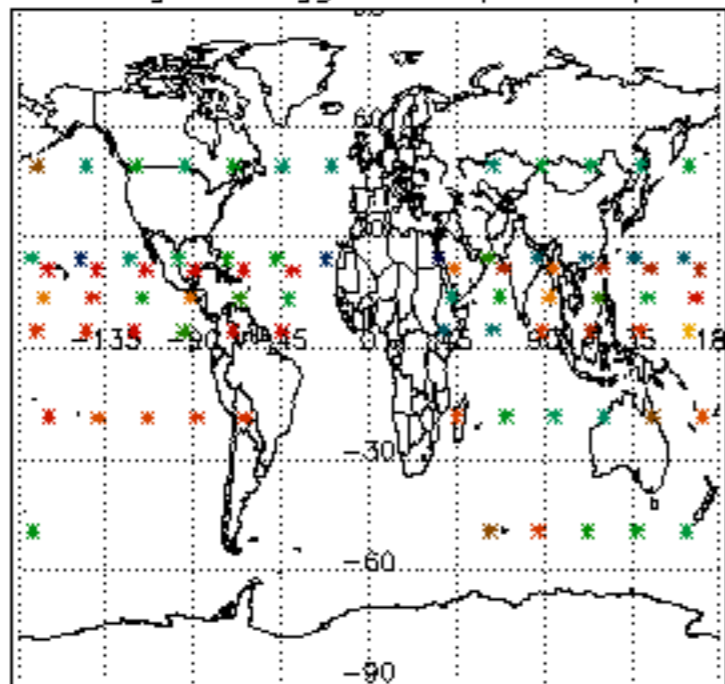
Percentage of flagged data per D3 profile



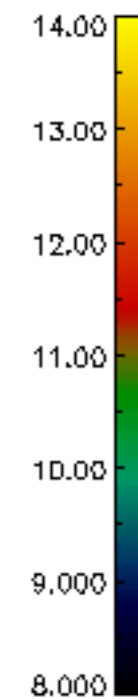
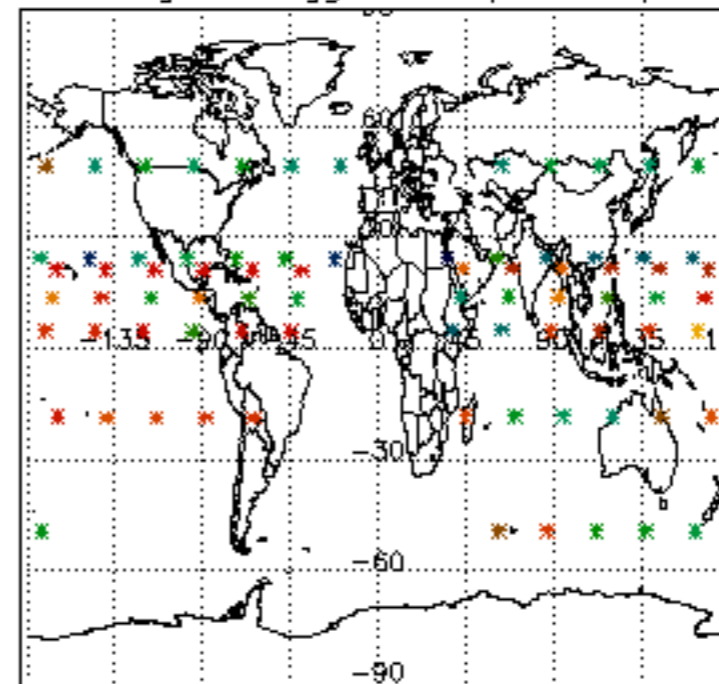
Percentage of flagged data per H2O profile

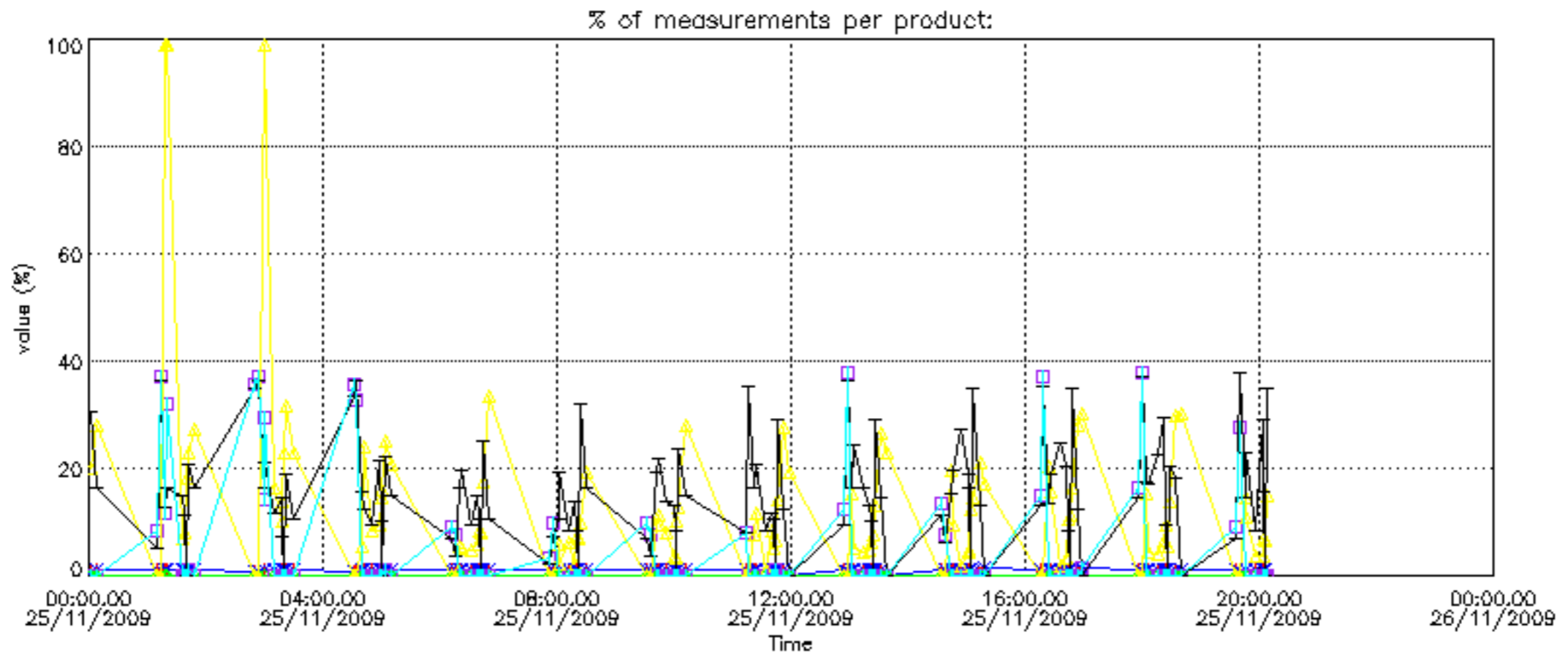


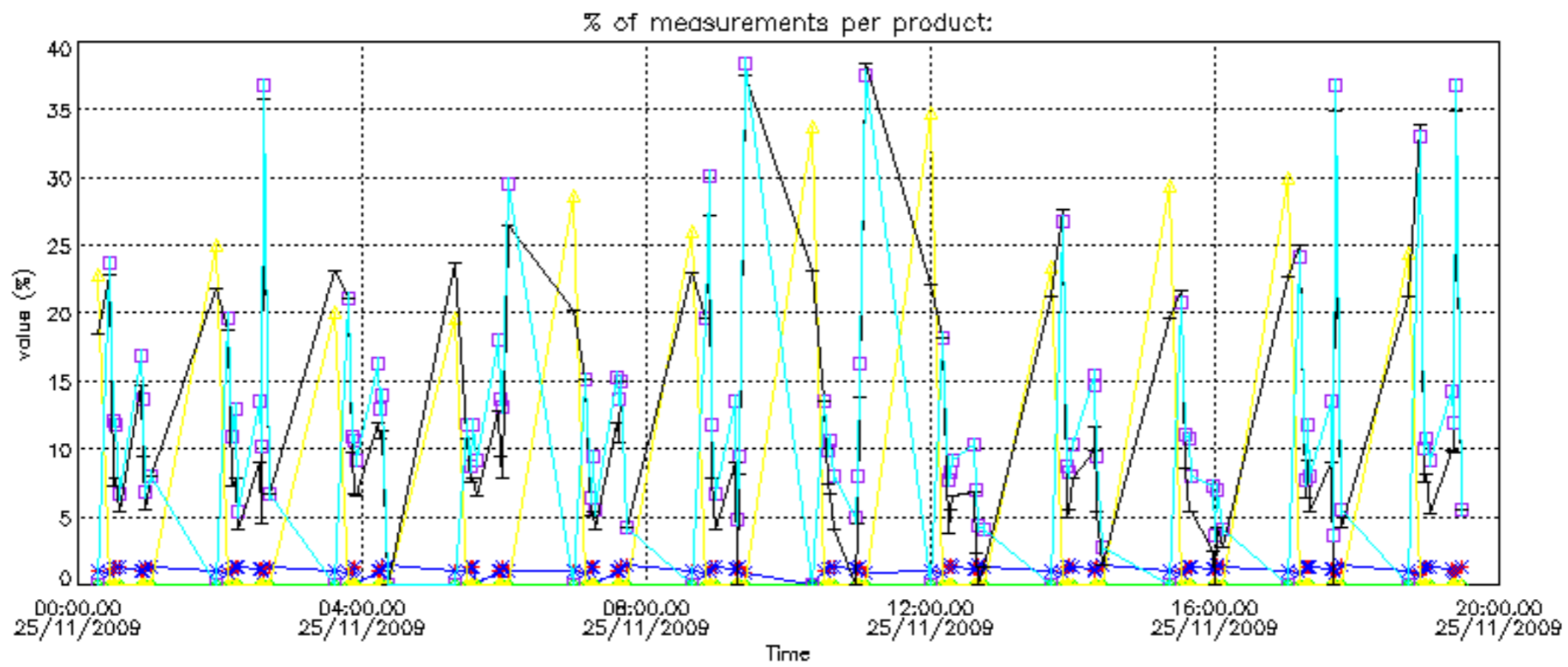
Percentage of flagged data per NO2 profile



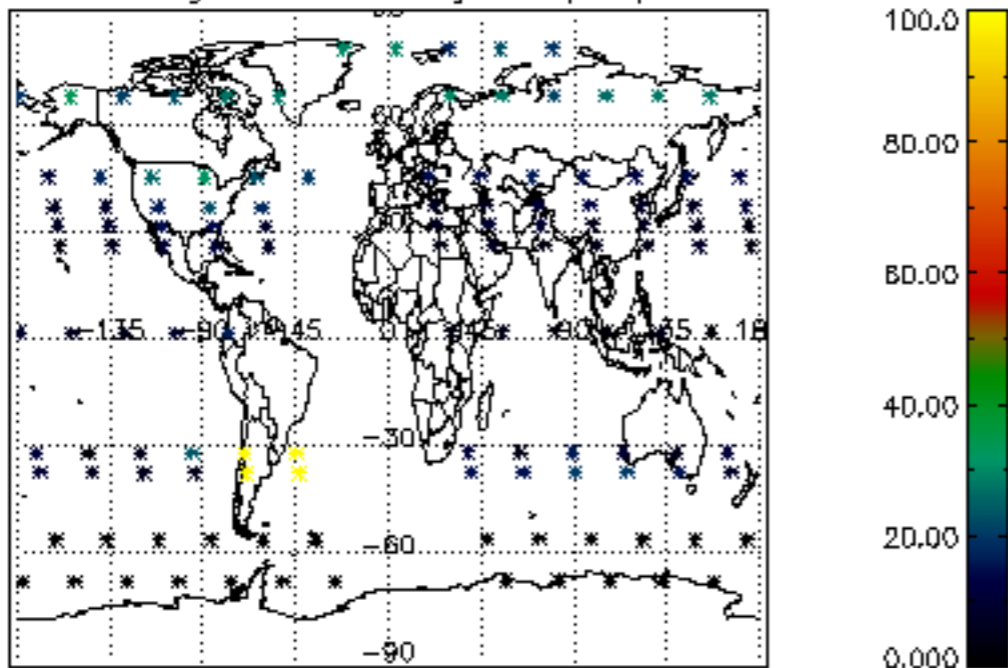
Percentage of flagged data per NO3 profile



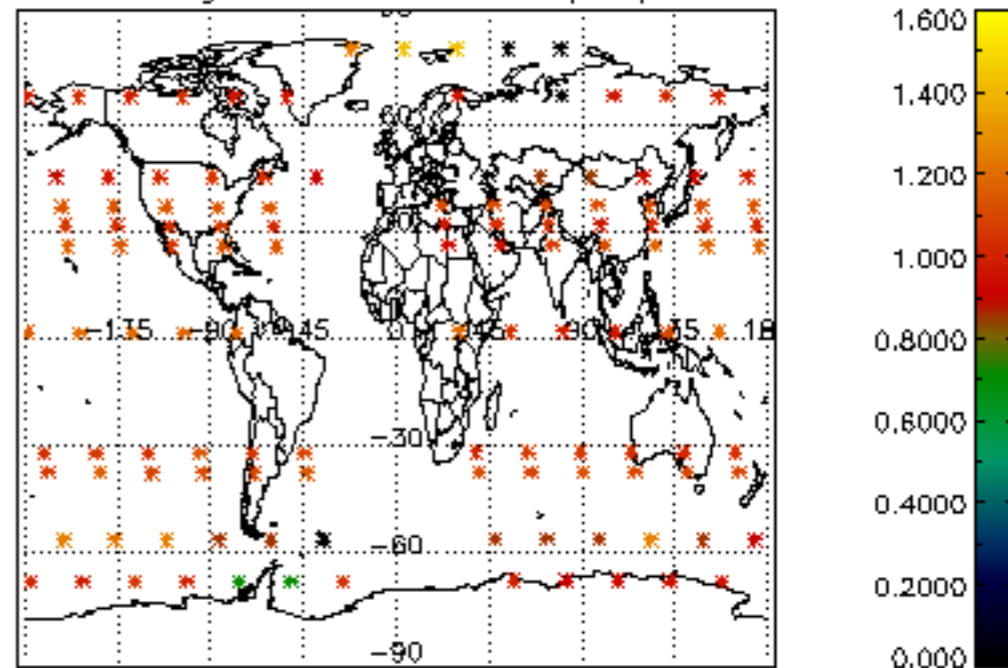




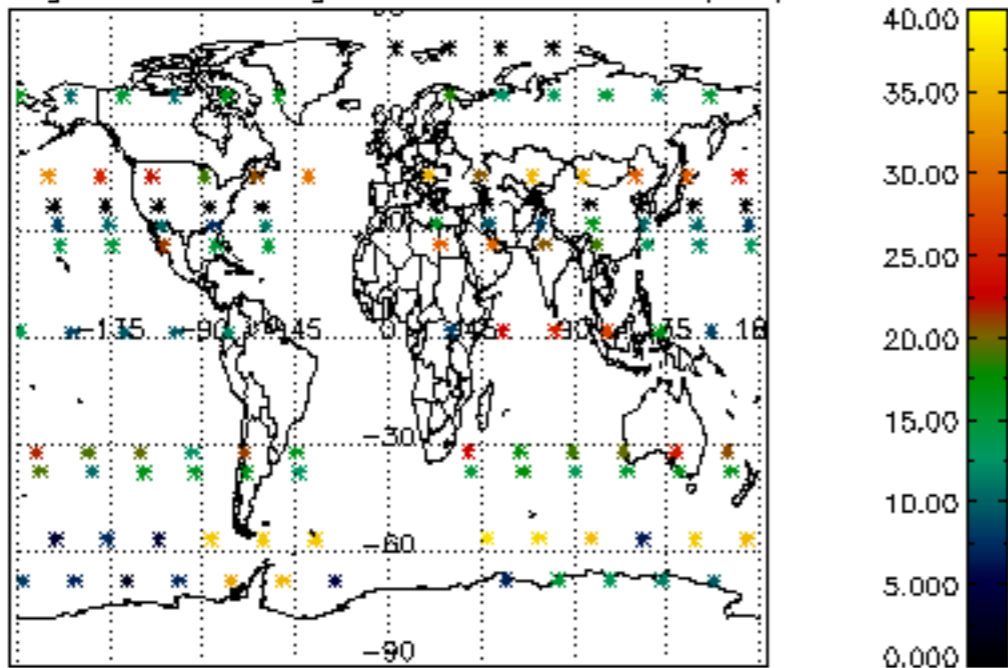
Percentage of cosmic ray hits per profile



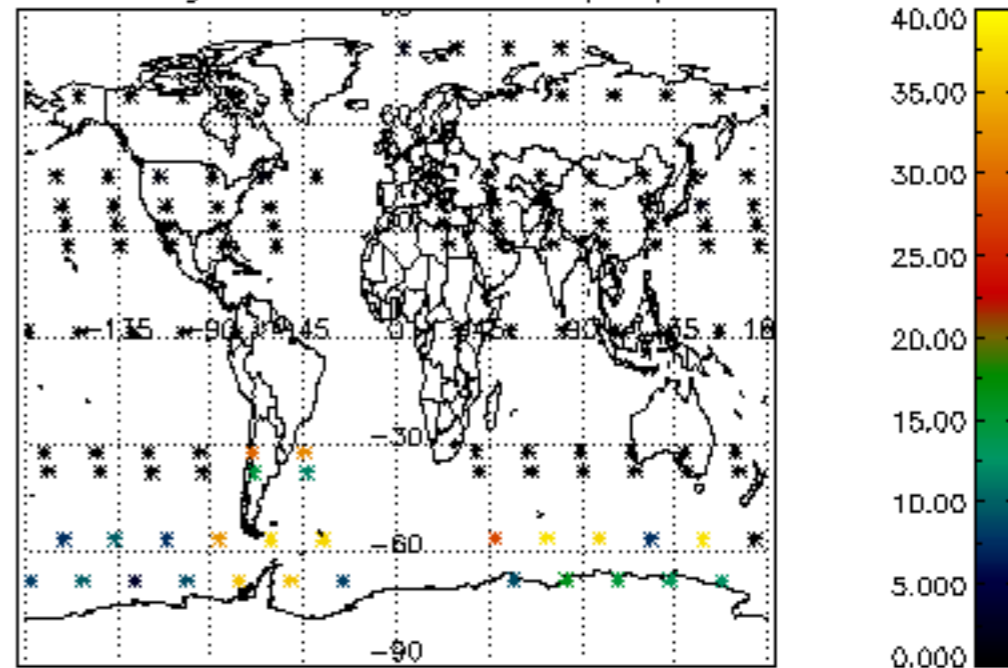
Percentage of datation errors per profile



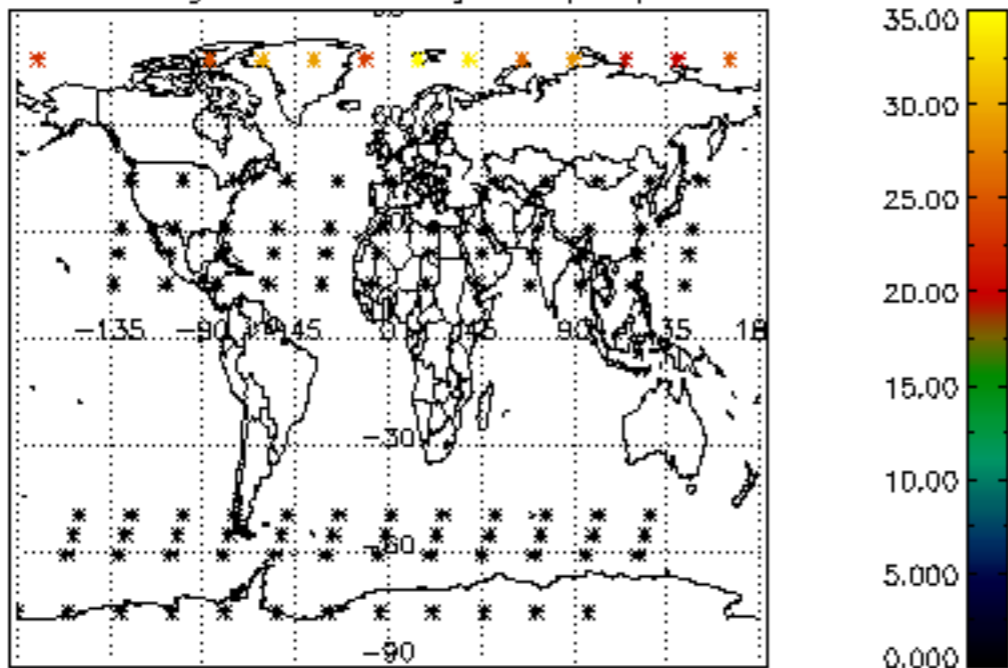
Percentage of star falling outside central band per profile



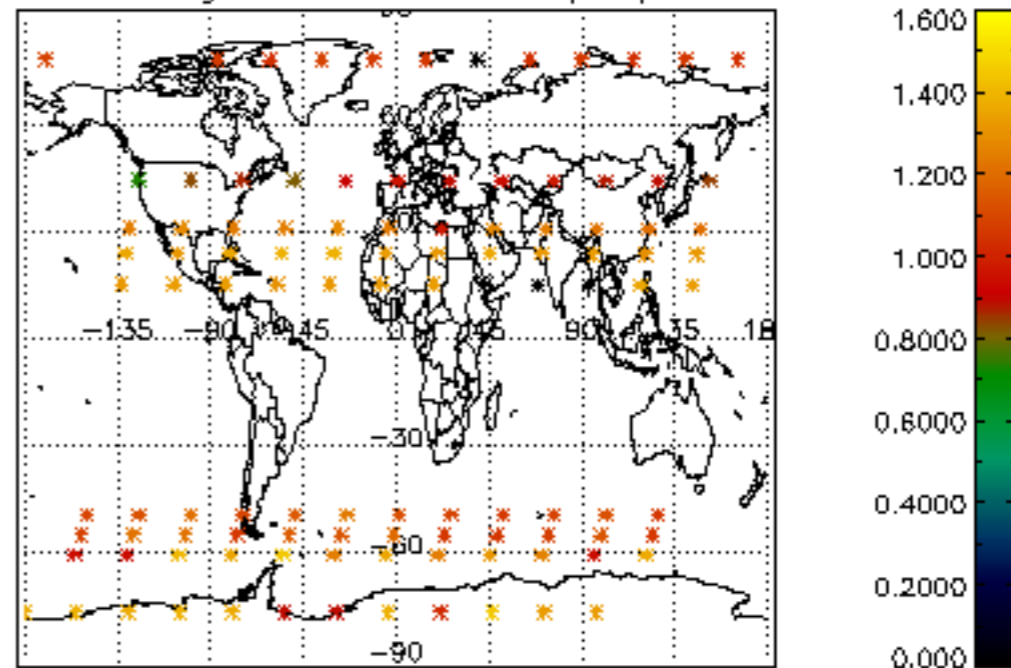
Percentage of saturation errors per profile



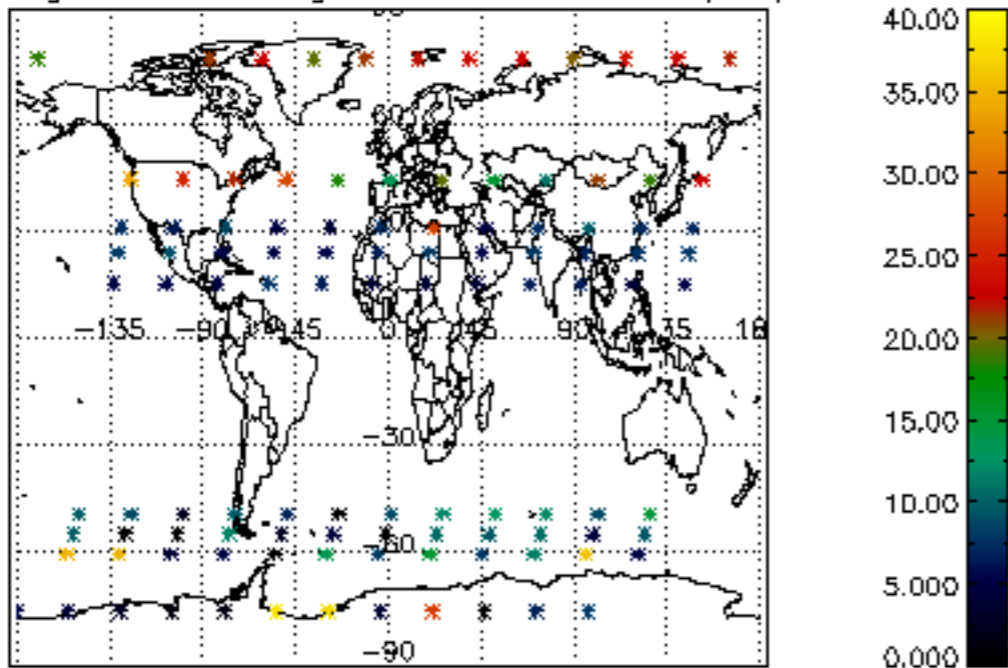
Percentage of cosmic ray hits per profile



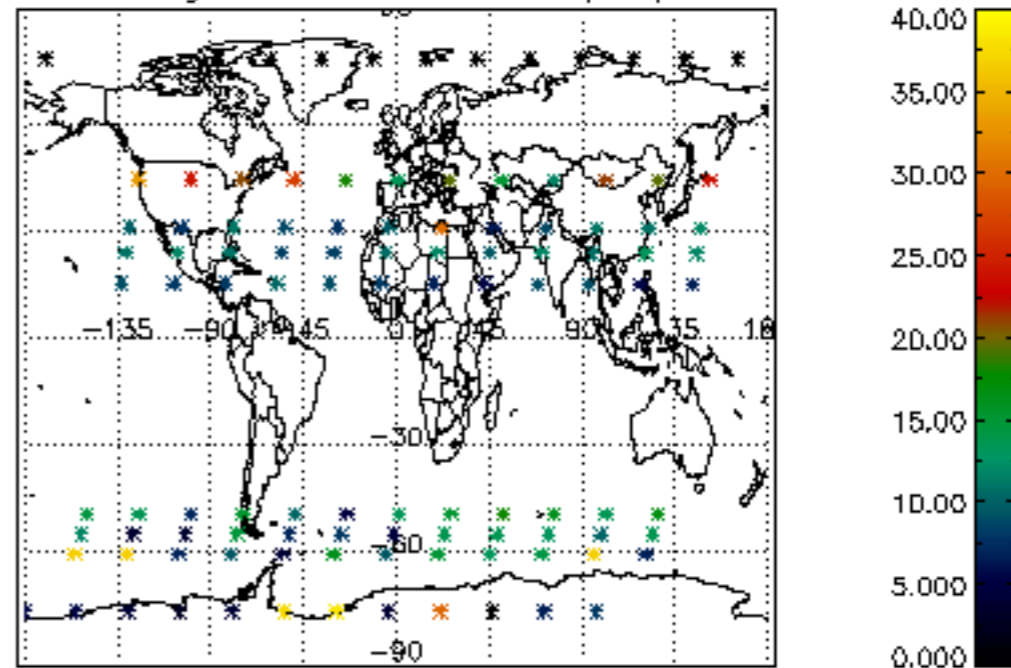
Percentage of datation errors per profile

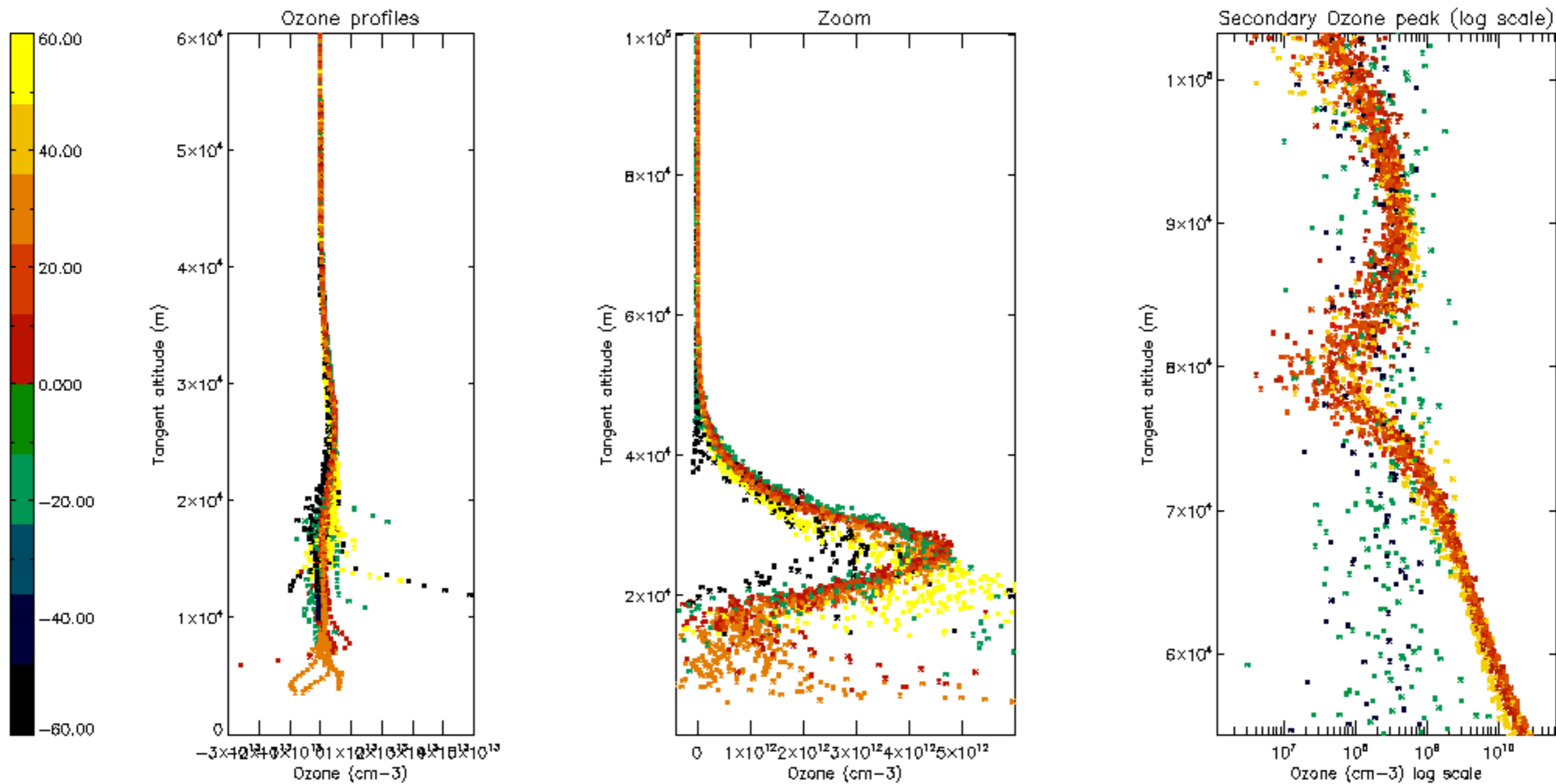


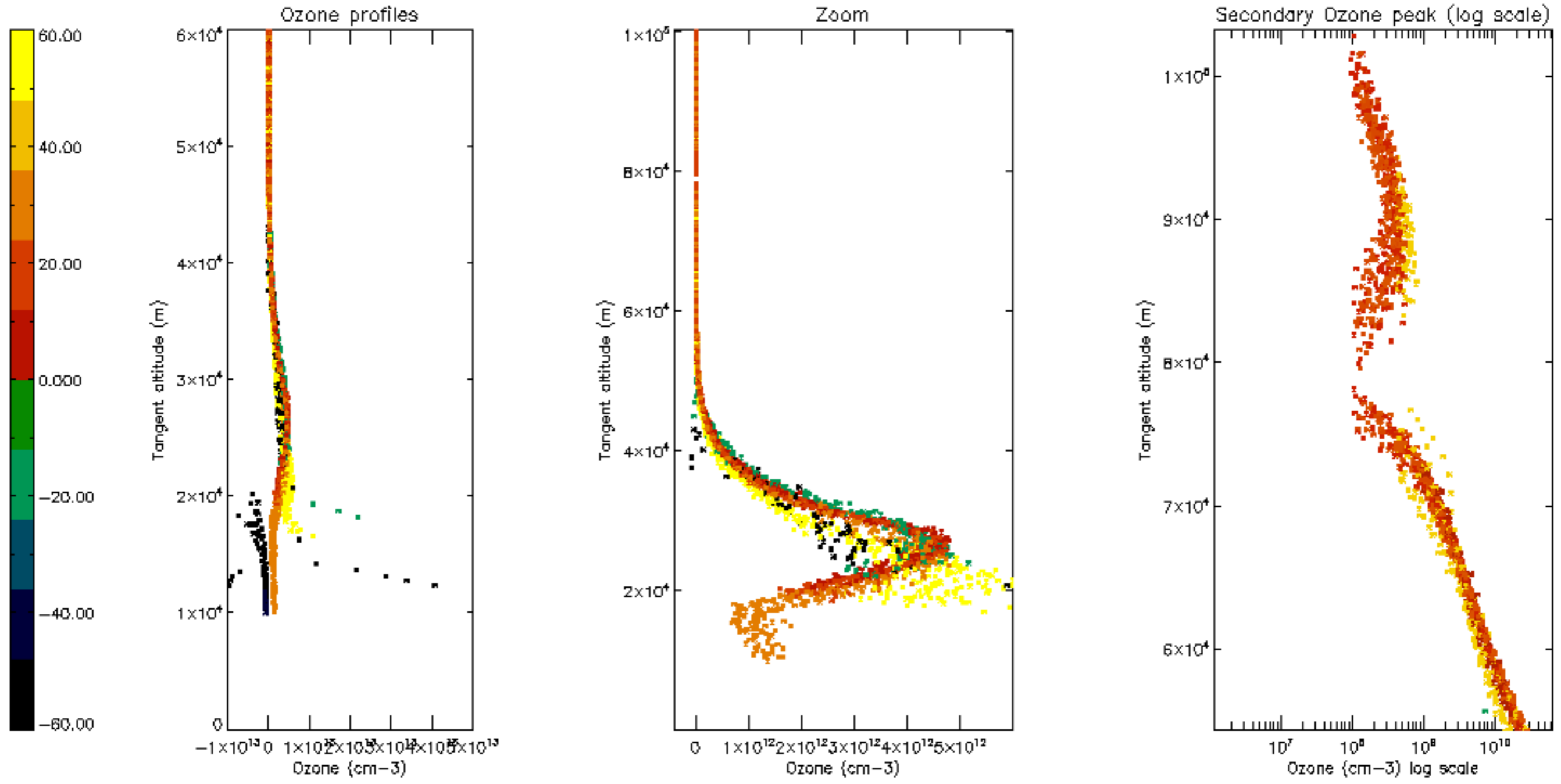
Percentage of star falling outside central band per profile

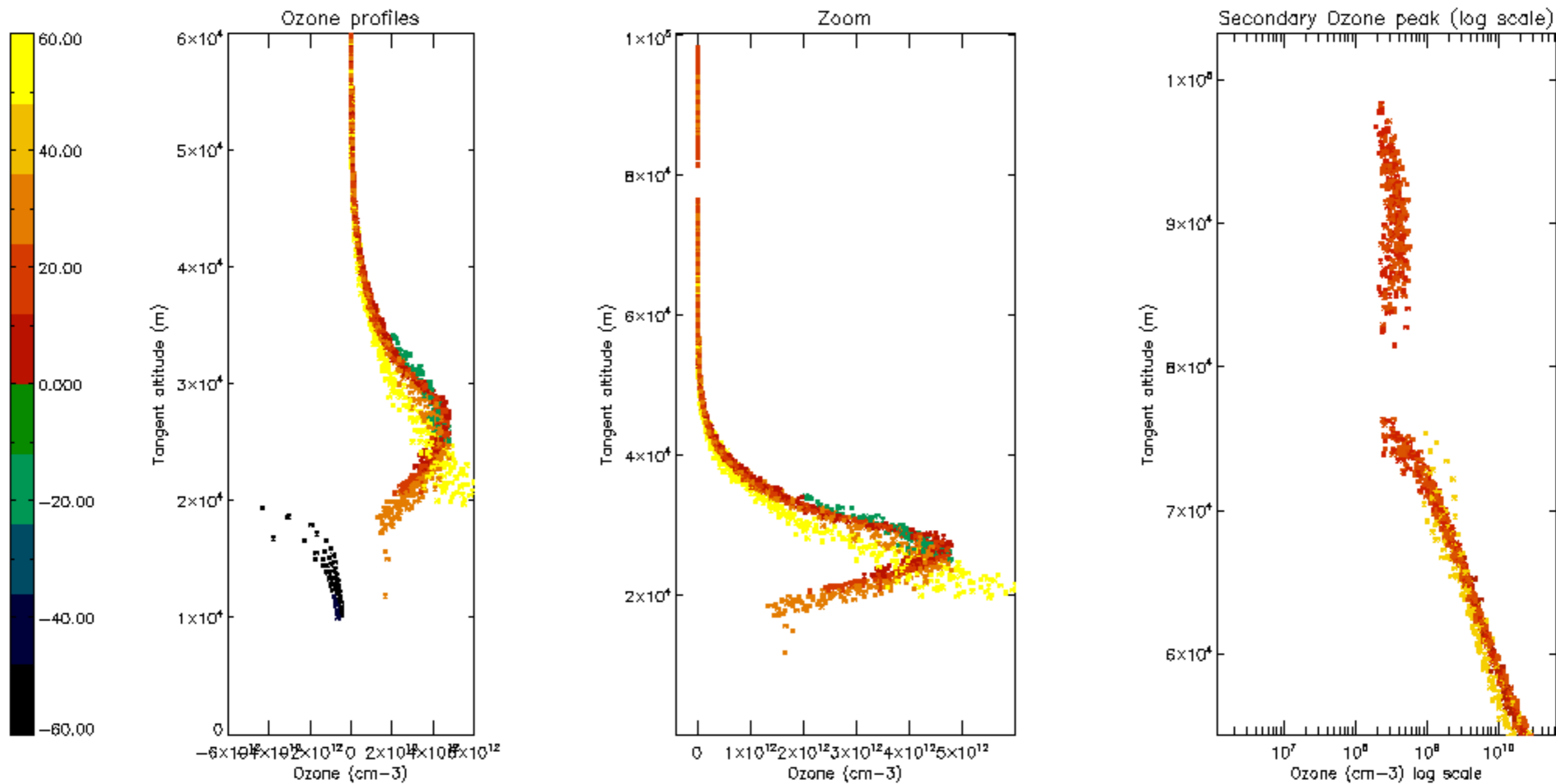


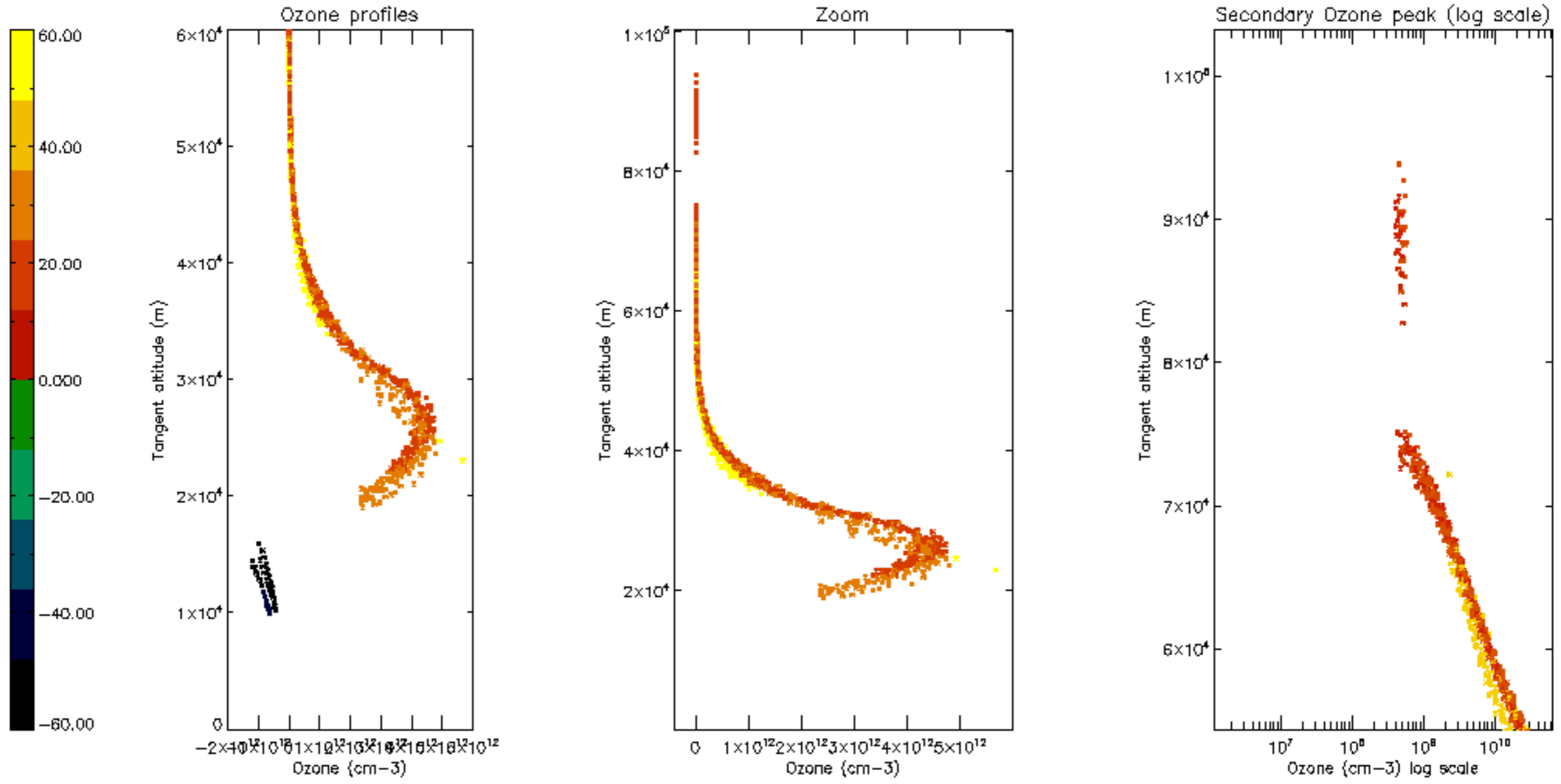
Percentage of saturation errors per profile

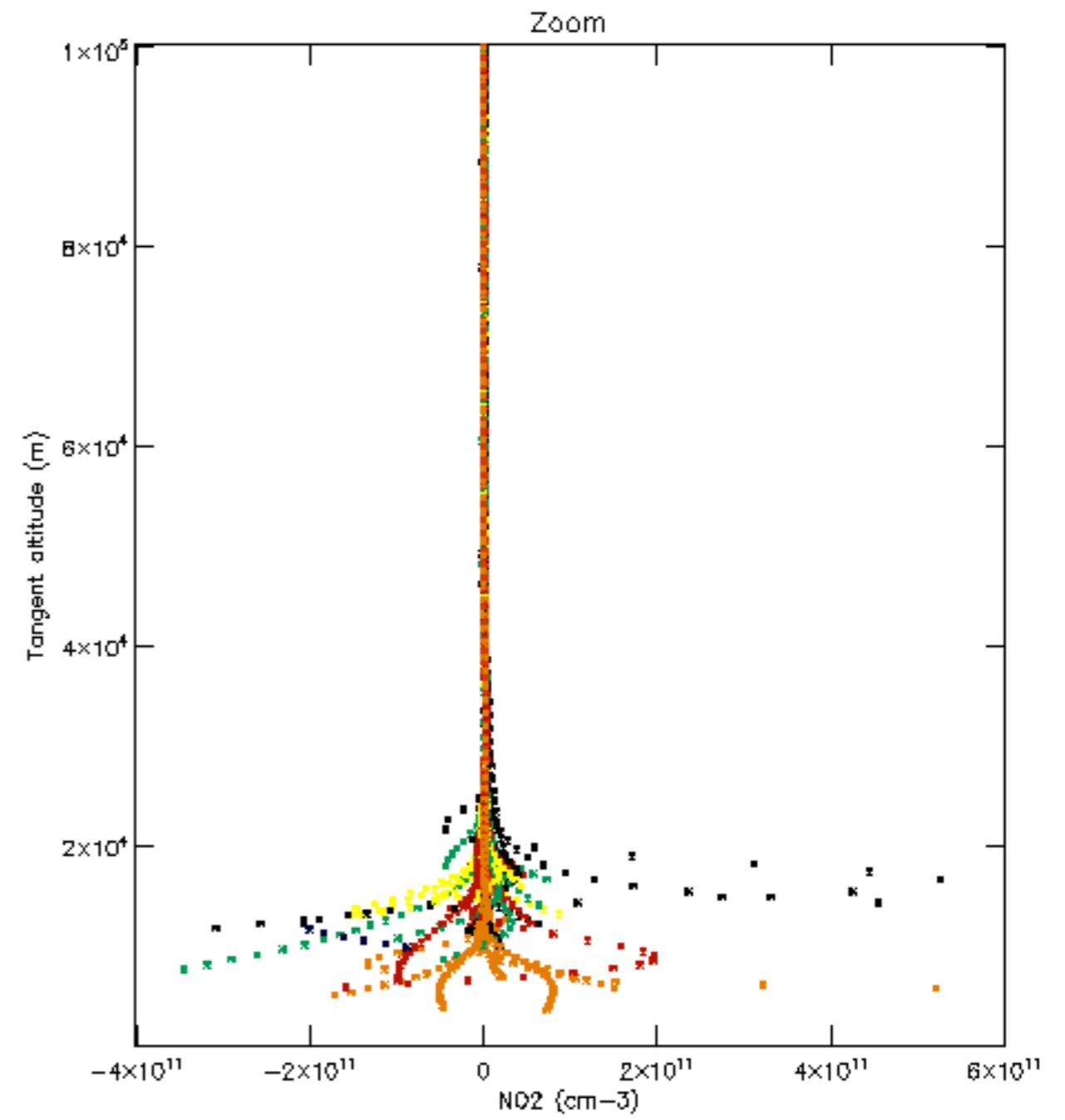
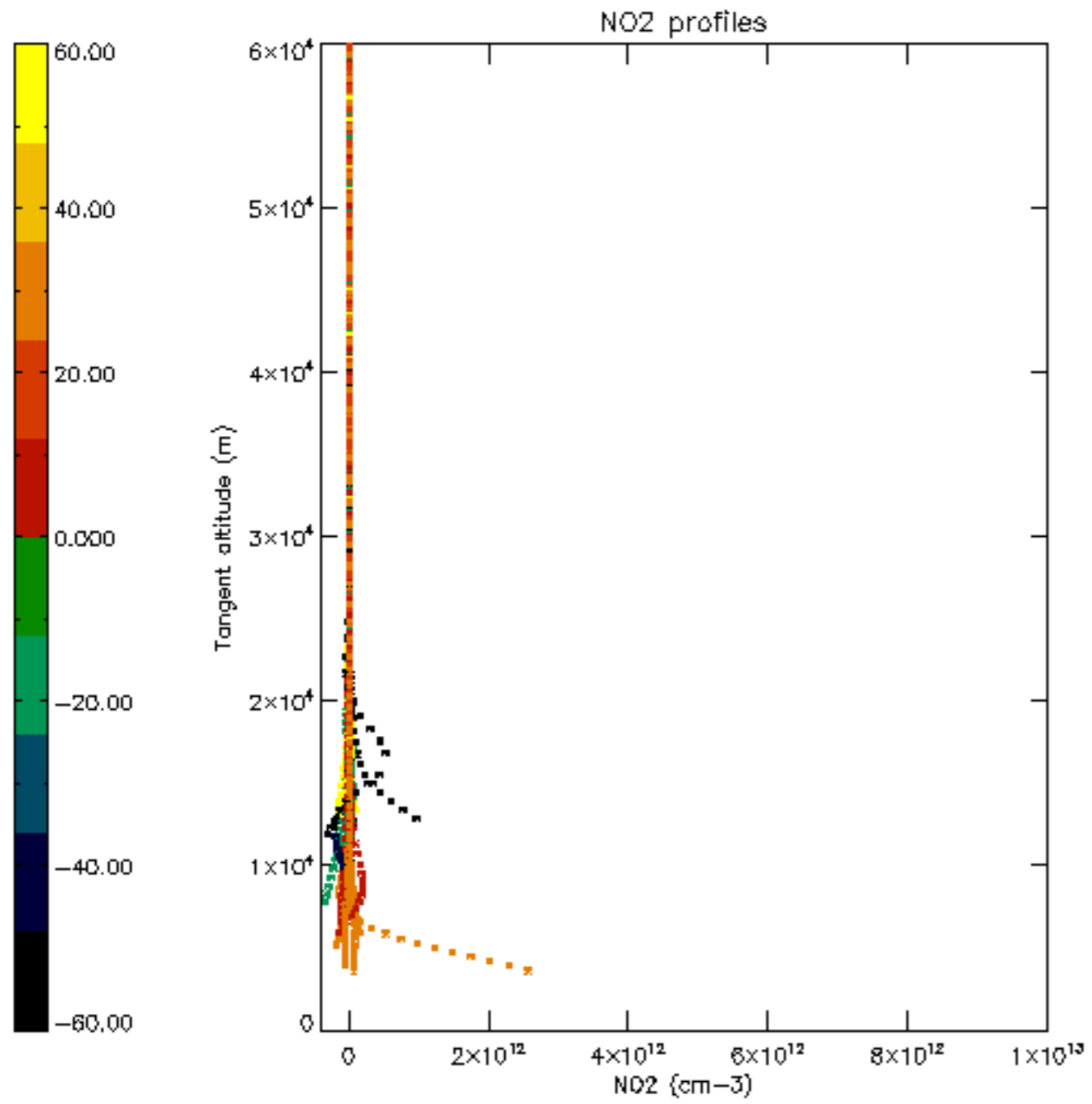


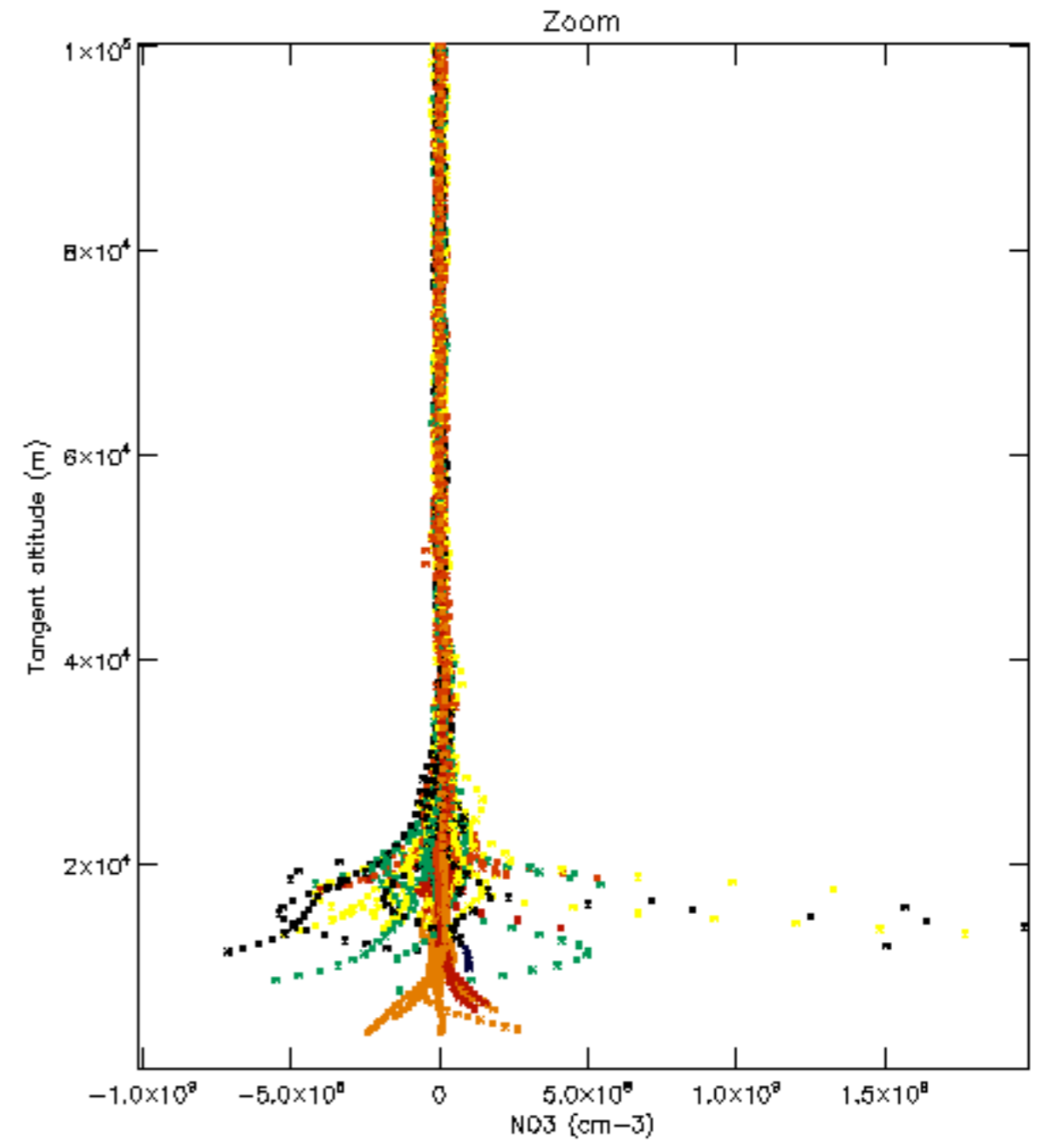
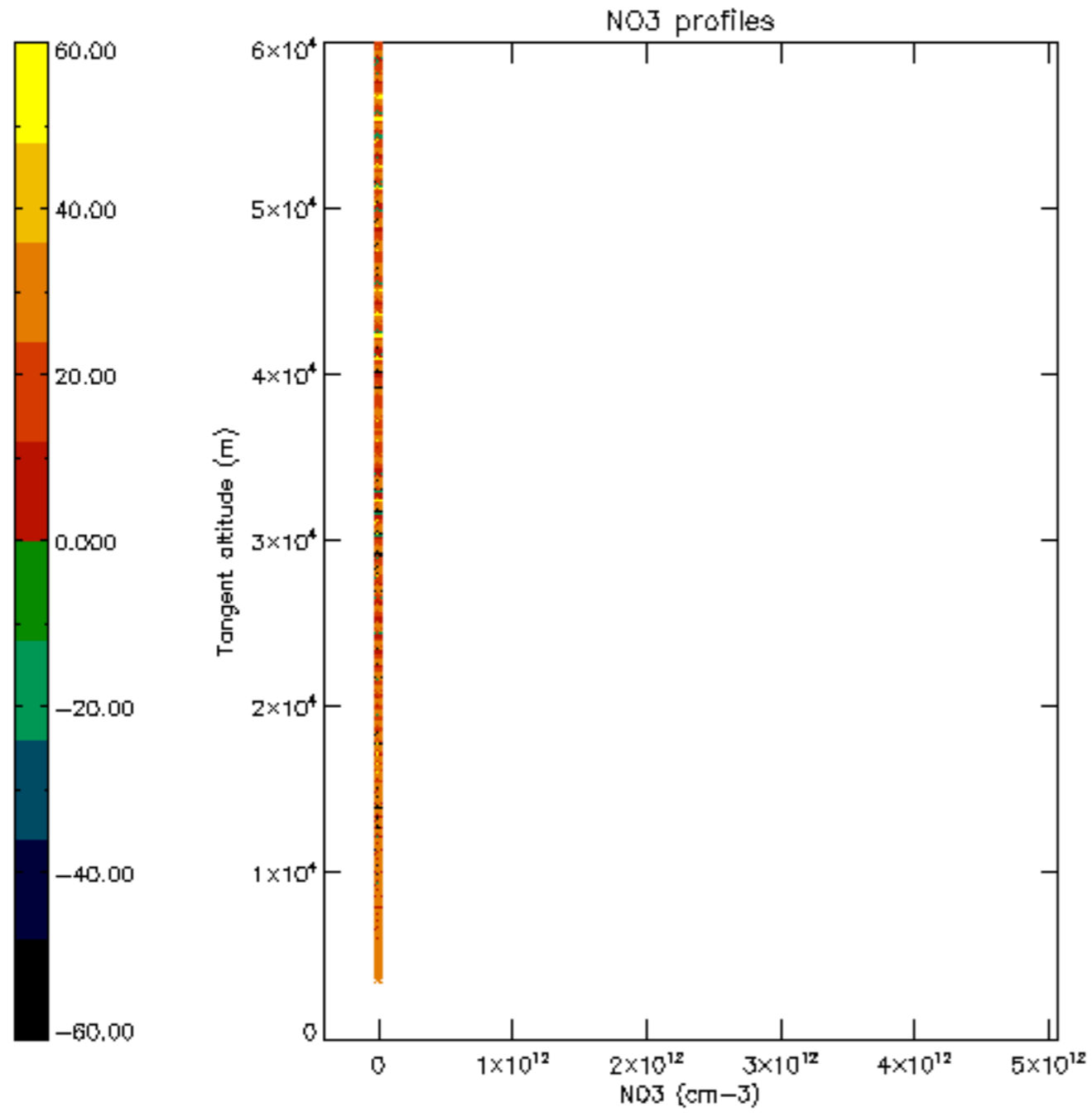


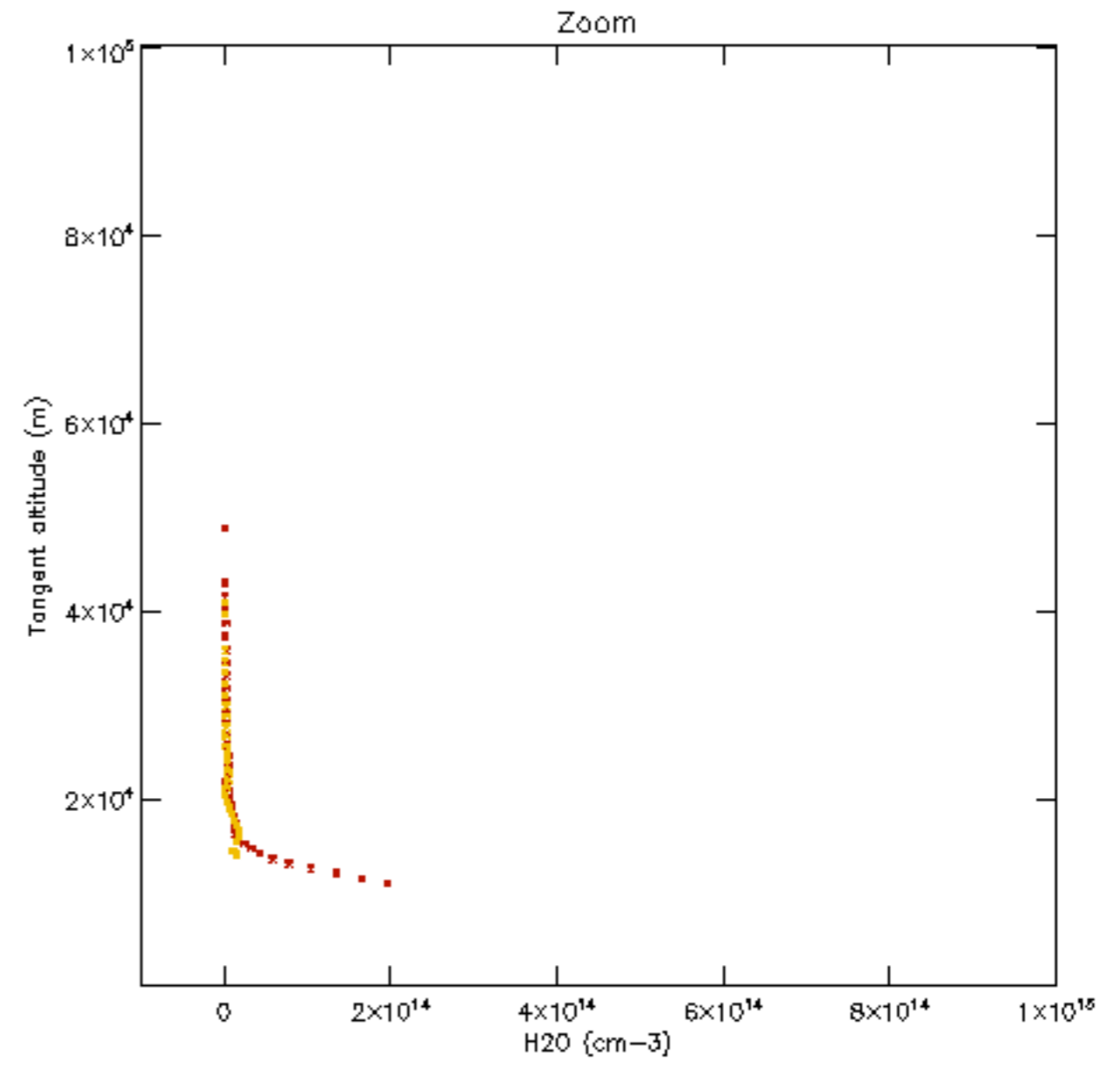
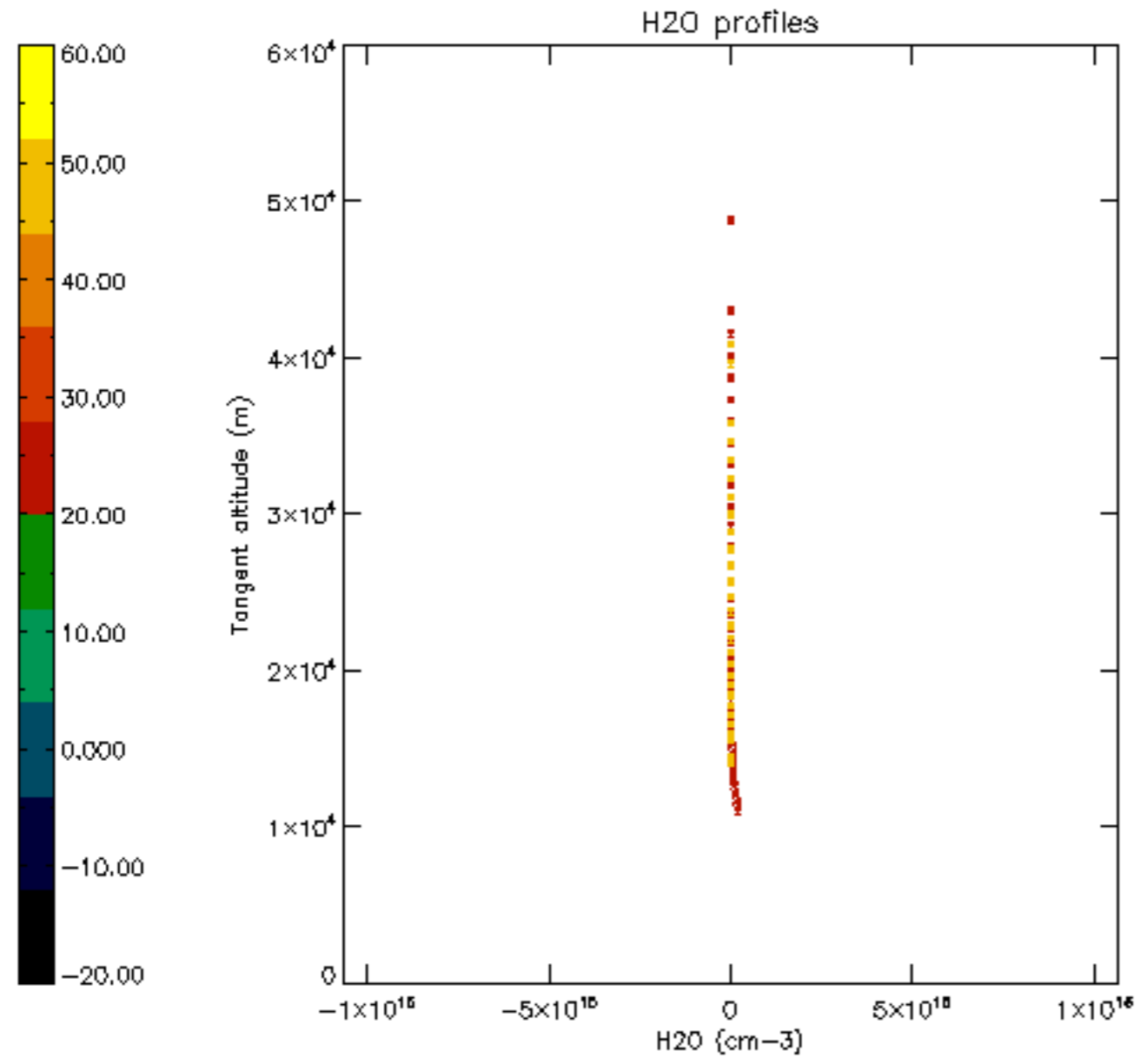


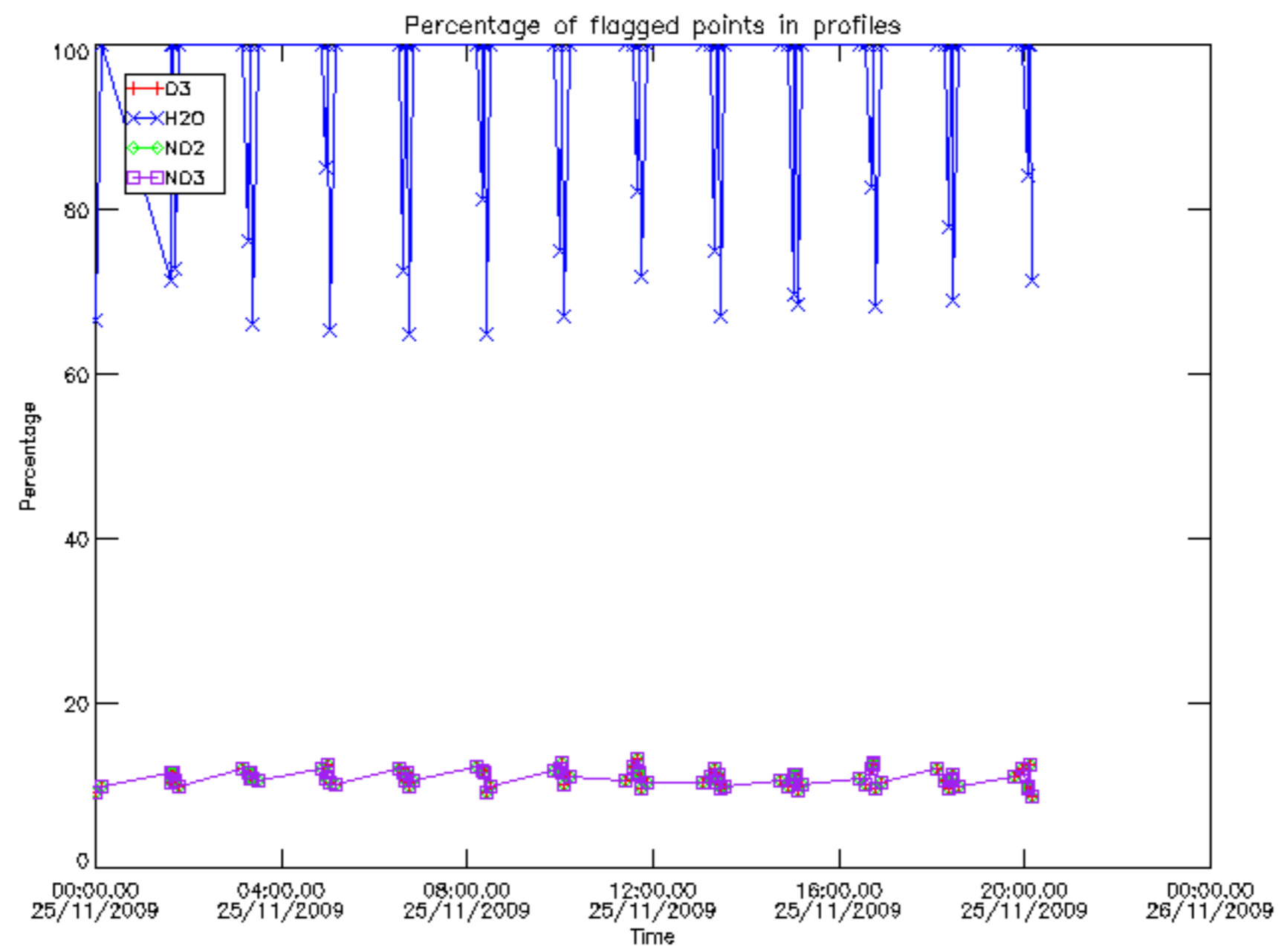




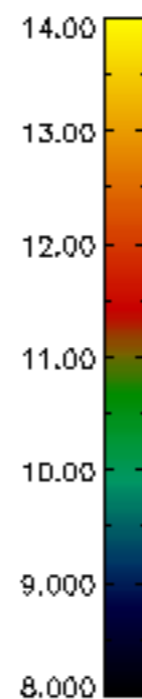
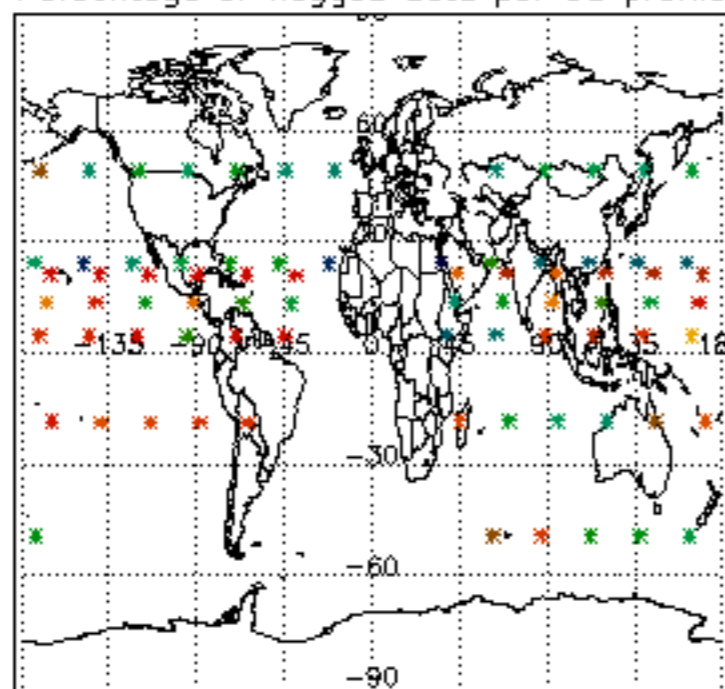




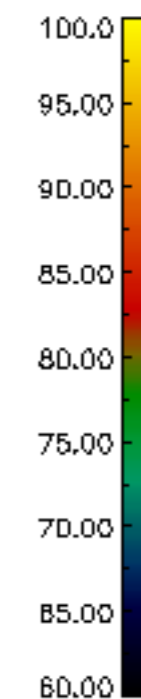
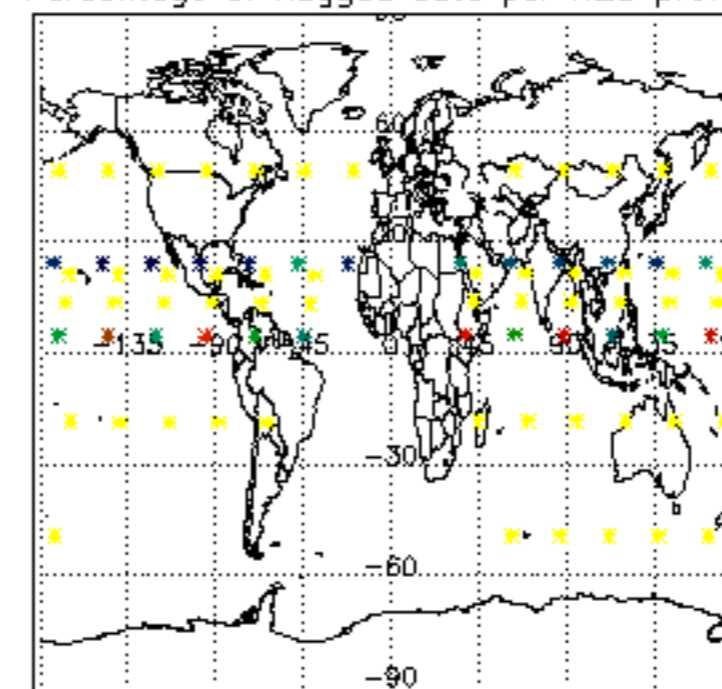




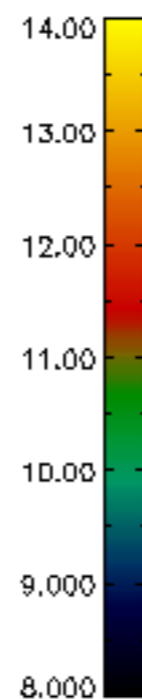
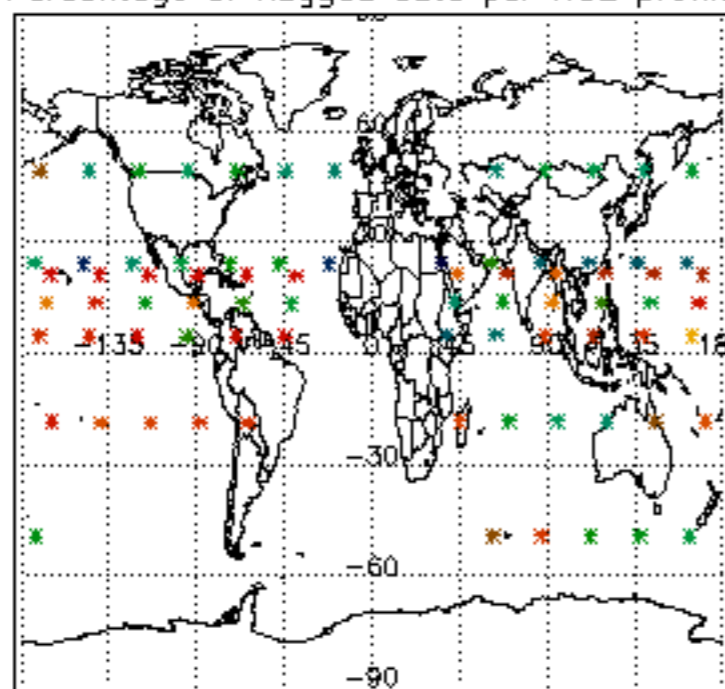
Percentage of flagged data per D3 profile



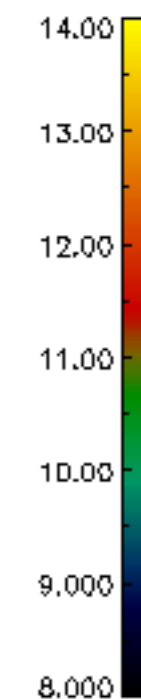
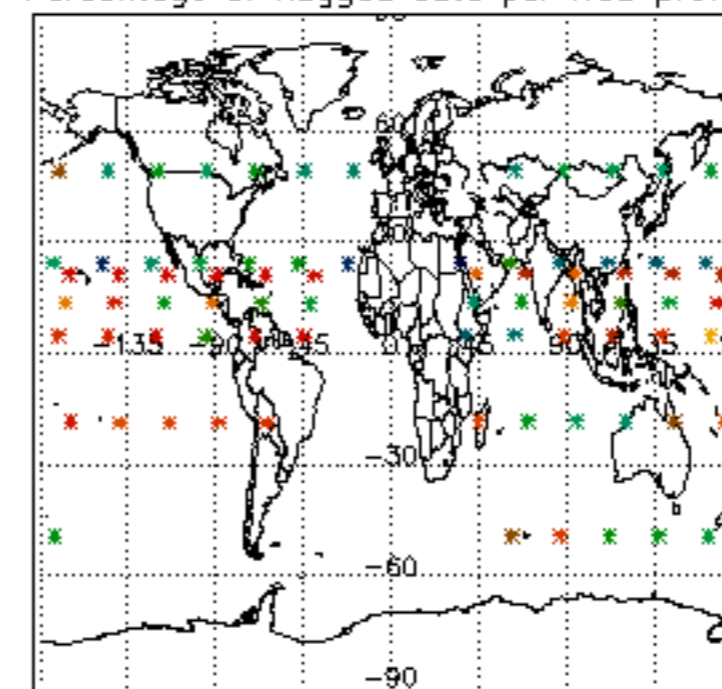
Percentage of flagged data per H2O profile

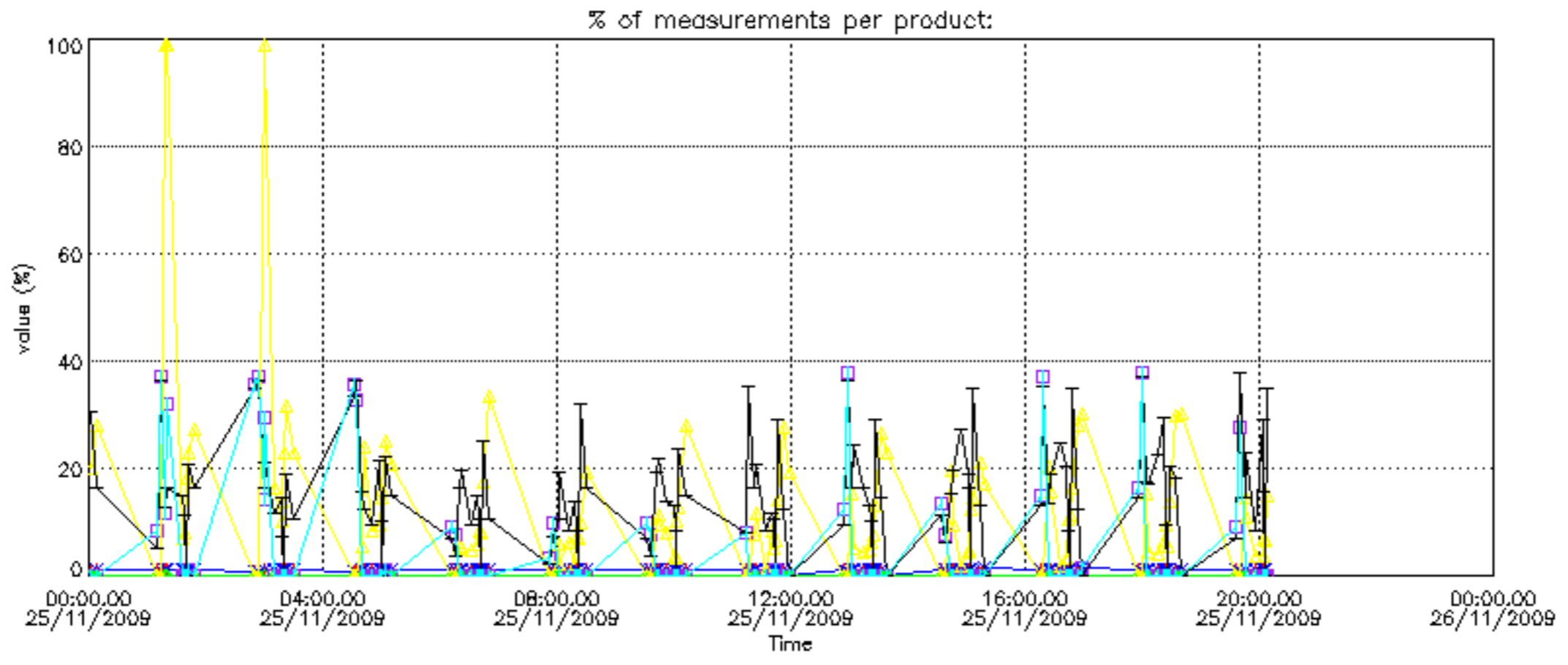


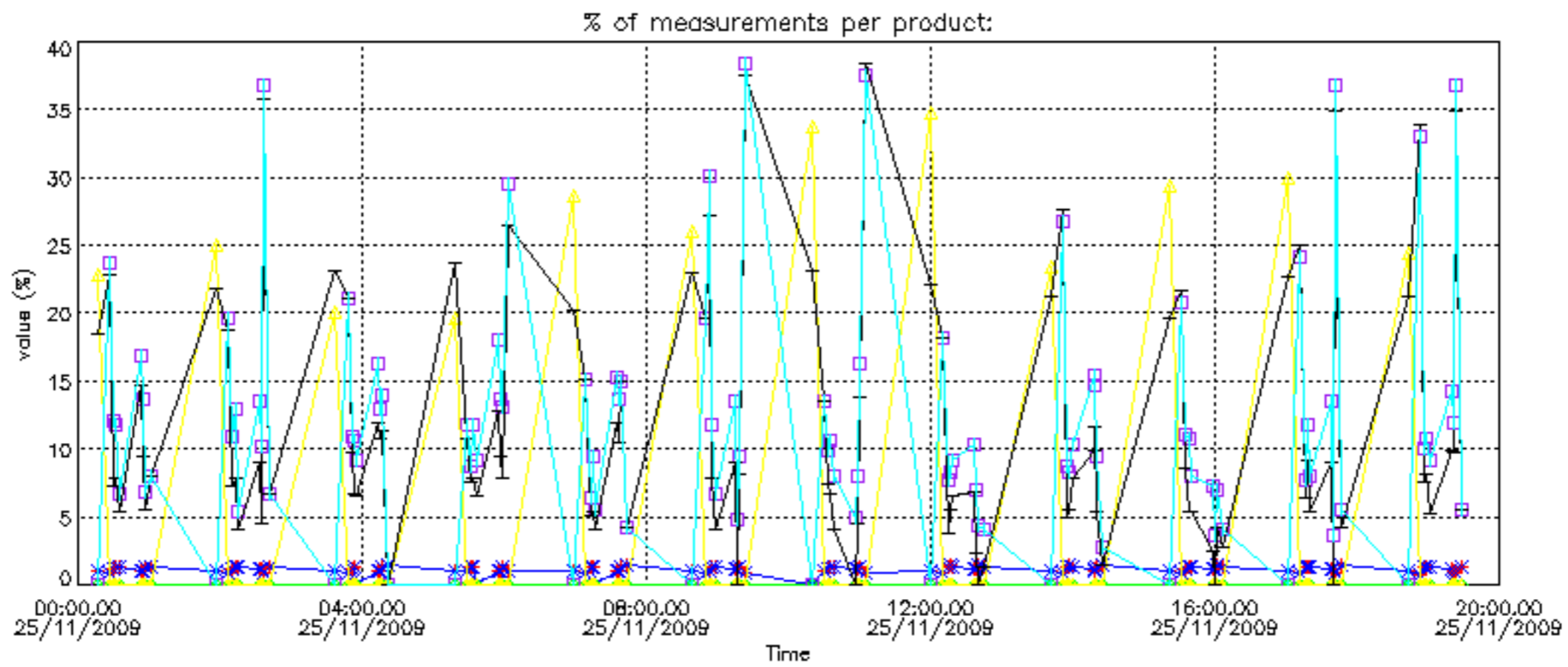
Percentage of flagged data per NO2 profile



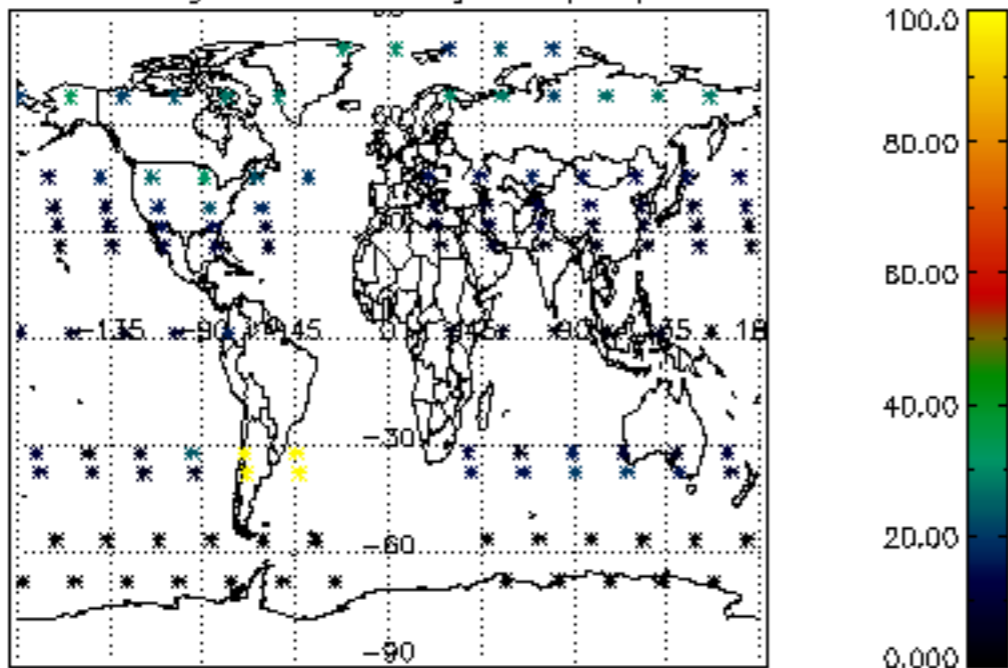
Percentage of flagged data per NO3 profile



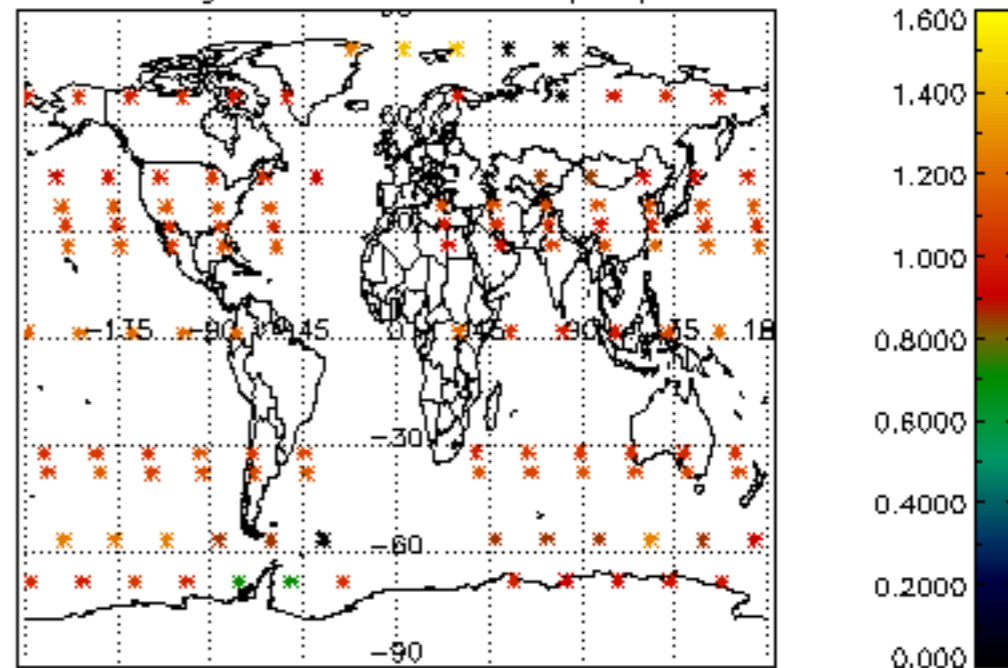




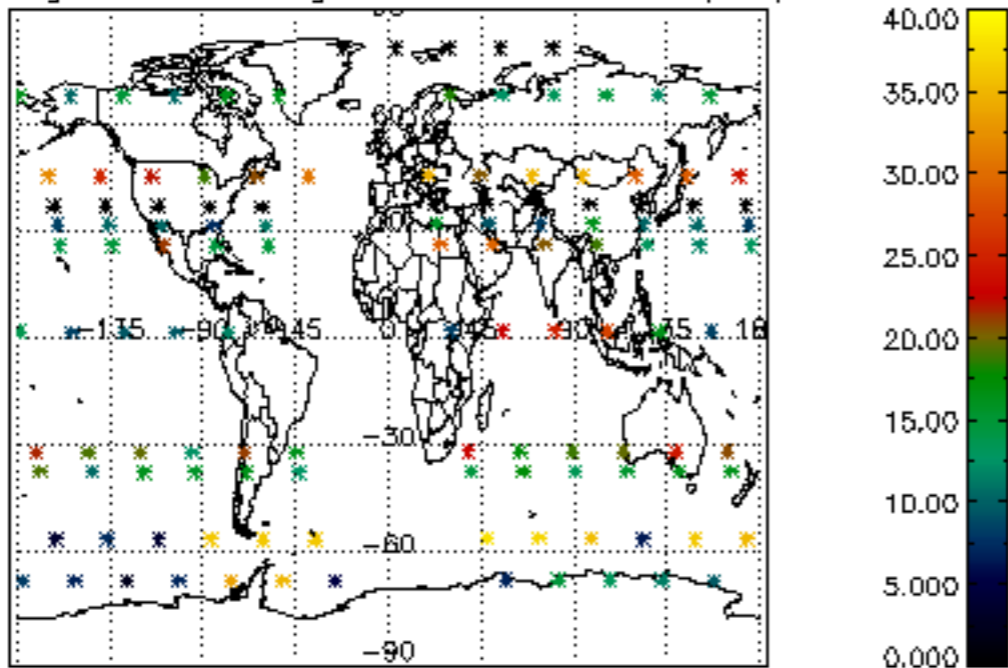
Percentage of cosmic ray hits per profile



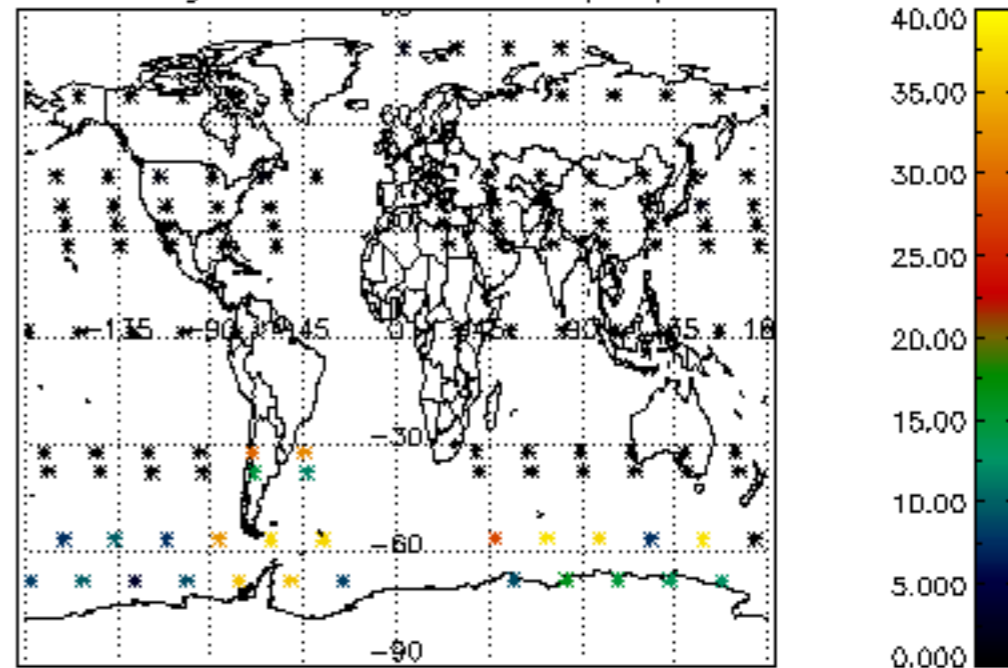
Percentage of datation errors per profile



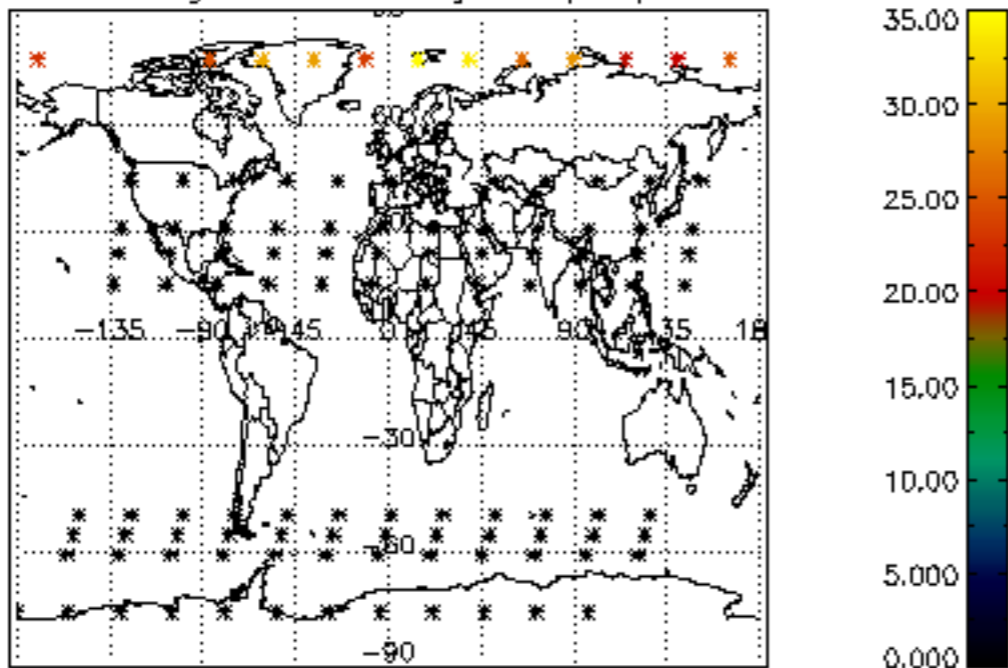
Percentage of star falling outside central band per profile



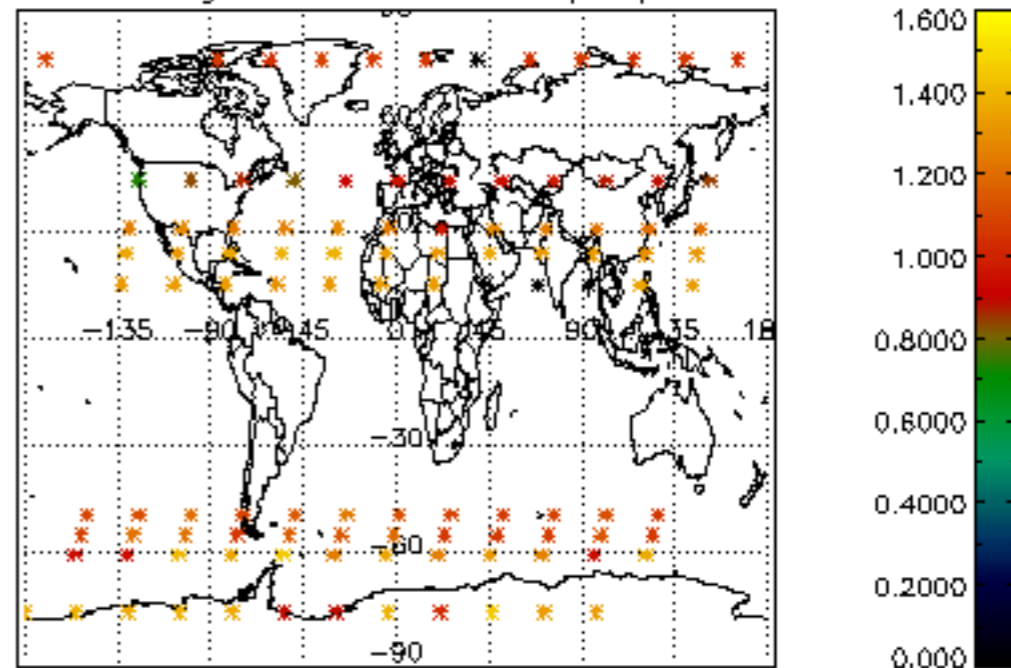
Percentage of saturation errors per profile



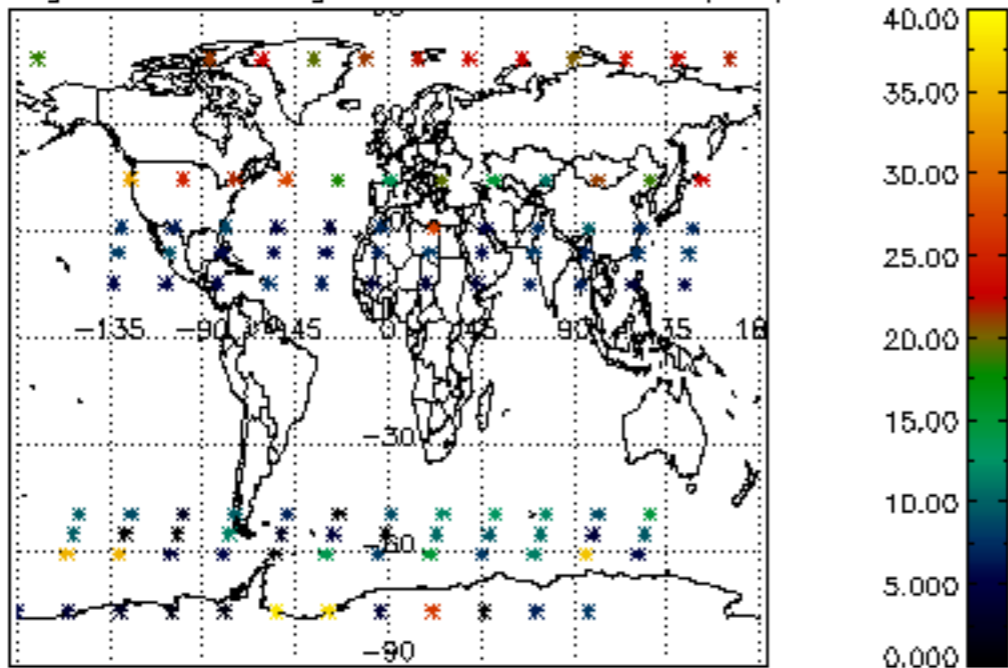
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

