

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	24APR2013 03:09:02
Data source version	GOMOS/6.01
Start time of products	09-08-2006 (09AUG2006 00:00:00)
Stop time of products	10-08-2006 (10AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	245
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

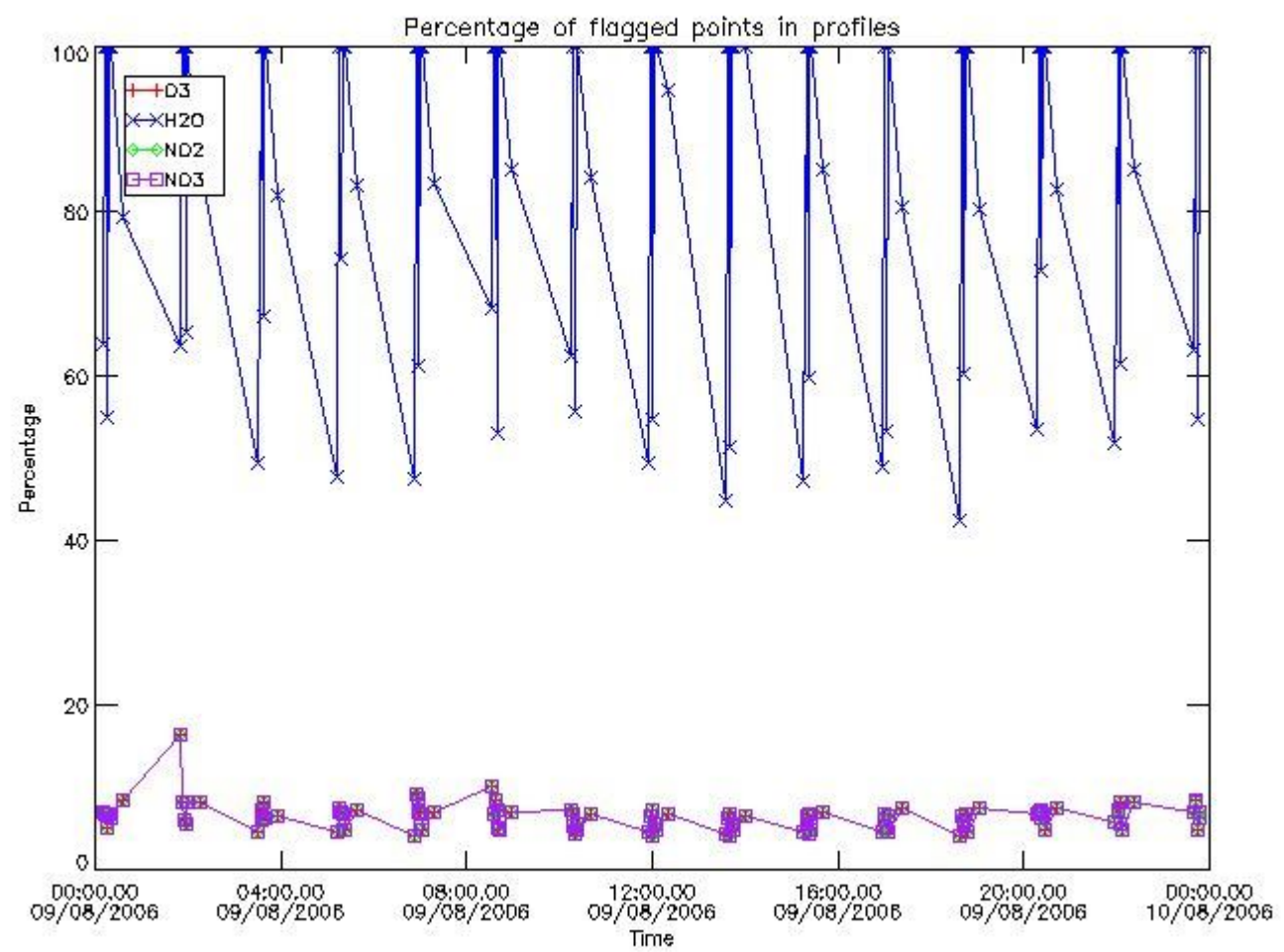
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060809_000117_000000312050_00116_23216_0571.N1	09-AUG-2006 00:01:17	Bright	30.500	107	37The Aur	2.6490	11000.	61	23216	No
2	GOM_NL__2PRFIN20060809_000522_000000402050_00116_23216_0572.N1	09-AUG-2006 00:05:22	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	23216	No
3	GOM_NL__2PRFIN20060809_001010_000000372050_00116_23216_0573.N1	09-AUG-2006 00:10:10	Dark	36.500	14	58Alp Ori	0.87000	3000.0	73	23216	No
4	GOM_NL__2PRFIN20060809_001307_000000382050_00116_23216_0574.N1	09-AUG-2006 00:13:07	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	23216	No
5	GOM_NL__2PRFIN20060809_001429_000000382050_00116_23216_0575.N1	09-AUG-2006 00:14:29	Dark	37.500	125	44Iot Ori	2.7700	30000.	75	23216	No
6	GOM_NL__2PRFIN20060809_001559_000000422050_00116_23216_0576.N1	09-AUG-2006 00:15:59	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	23216	No
7	GOM_NL__2PRFIN20060809_001751_000000382050_00116_23216_0577.N1	09-AUG-2006 00:17:51	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23216	No
8	GOM_NL__2PRFIN20060809_001959_000000342050_00116_23216_0578.N1	09-AUG-2006 00:19:59	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23216	No
9	GOM_NL__2PRFIN20060809_003538_000000372050_00117_23217_0562.N1	09-AUG-2006 00:35:38	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23217	No
10	GOM_NL__2PRFIN20060809_004158_000000332050_00117_23217_0563.N1	09-AUG-2006 00:41:58	Straylight	32.500	148	Alp Tuc	2.8780	4100.0	65	23217	No
11	GOM_NL__2PRFIN20060809_004527_000000382050_00117_23217_0564.N1	09-AUG-2006 00:45:27	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23217	No
12	GOM_NL__2PRFIN20060809_010332_000000312050_00117_23217_0565.N1	09-AUG-2006 01:03:32	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23217	No
13	GOM_NL__2PRFIN20060809_010511_000000302050_00117_23217_0566.N1	09-AUG-2006 01:05:11	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23217	No
14	GOM_NL__2PRFIN20060809_011218_000000292050_00117_23217_0567.N1	09-AUG-2006 01:12:18	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23217	No
15	GOM_NL__2PRFIN20060809_011353_000000302050_00117_23217_0568.N1	09-AUG-2006 01:13:53	Bright	30.000	144	18Del Cyg	2.8600	11000.	60	23217	No
16	GOM_NL__2PRFIN20060809_012633_000000282050_00117_23217_0569.N1	09-AUG-2006 01:26:33	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	23217	No
17	GOM_NL__2PRFIN20060809_013933_000000312050_00117_23217_0570.N1	09-AUG-2006 01:39:33	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	23217	No
18	GOM_NL__2PRFIN20060809_014152_000000302050_00117_23217_0571.N1	09-AUG-2006 01:41:52	Bright	30.000	107	37The Aur	2.6490	11000.	60	23217	No
19	GOM_NL__2PRFIN20060809_014559_000000352050_00117_23217_0572.N1	09-AUG-2006 01:45:59	Bright	34.500	151	13Mu Gem	2.8900	3000.0	69	23217	No
20	GOM_NL__2PRFIN20060809_015046_000000382050_00117_23217_0573.N1	09-AUG-2006 01:50:46	Dark	37.500	14	58Alp Ori	0.87000	3000.0	75	23217	No
21	GOM_NL__2PRFIN20060809_015343_000000372050_00117_23217_0574.N1	09-AUG-2006 01:53:43	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	23217	No
22	GOM_NL__2PRFIN20060809_015505_000000342050_00117_23217_0575.N1	09-AUG-2006 01:55:05	Dark	34.000	125	44Iot Ori	2.7700	30000.	68	23217	No
23	GOM_NL__2PRFIN20060809_015635_000000372050_00117_23217_0576.N1	09-AUG-2006 01:56:35	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	23217	No
24	GOM_NL__2PRFIN20060809_015827_000000382050_00117_23217_0577.N1	09-AUG-2006 01:58:27	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23217	No
25	GOM_NL__2PRFIN20060809_021615_000000382050_00118_23218_0562.N1	09-AUG-2006 02:16:15	Dark	37.500	9	Alp Eri	0.45300	24000.	75	23218	No
26	GOM_NL__2PRFIN20060809_022234_000000422050_00118_23218_0563.N1	09-AUG-2006 02:22:34	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	23218	No
27	GOM_NL__2PRFIN20060809_022603_000000382050_00118_23218_0564.N1	09-AUG-2006 02:26:03	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23218	No
28	GOM_NL__2PRFIN20060809_024407_000000302050_00118_23218_0565.N1	09-AUG-2006 02:44:07	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23218	No
29	GOM_NL__2PRFIN20060809_024547_000000302050_00118_23218_0566.N1	09-AUG-2006 02:45:47	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23218	No
30	GOM_NL__2PRFIN20060809_025254_000000302050_00118_23218_0567.N1	09-AUG-2006 02:52:54	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23218	No
31	GOM_NL__2PRFIN20060809_025429_000000302050_00118_23218_0568.N1	09-AUG-2006 02:54:29	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23218	No
32	GOM_NL__2PRFIN20060809_030709_000000272050_00118_23218_0569.N1	09-AUG-2006 03:07:09	Bright	27.000	49	1Alp UMi	1.9900	6300.0	54	23218	No
33	GOM_NL__2PRFIN20060809_032009_000000322050_00118_23218_0570.N1	09-AUG-2006 03:20:09	Bright	31.500	42	34Bet Aur	1.9000	10200.	63	23218	No
34	GOM_NL__2PRFIN20060809_032229_000000342050_00118_23218_0571.N1	09-AUG-2006 03:22:29	Bright	33.500	107	37The Aur	2.6490	11000.	67	23218	No
35	GOM_NL__2PRFIN20060809_032635_000000322050_00118_23218_0572.N1	09-AUG-2006 03:26:35	Bright	32.000	151	13Mu Gem	2.8900	3000.0	64	23218	No
36	GOM_NL__2PRFIN20060809_033123_000000452050_00118_23218_0573.N1	09-AUG-2006 03:31:23	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	23218	No
37	GOM_NL__2PRFIN20060809_033420_000000362050_00118_23218_0574.N1	09-AUG-2006 03:34:20	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	23218	No
38	GOM_NL__2PRFIN20060809_033542_000000352050_00118_23218_0575.N1	09-AUG-2006 03:35:42	Dark	34.500	125	44Iot Ori	2.7700	30000.	69	23218	No
39	GOM_NL__2PRFIN20060809_033711_000000332050_00118_23218_0576.N1	09-AUG-2006 03:37:11	Dark	32.500	1	9Alp CMa	-1.4400	11000.	65	23218	No
40	GOM_NL__2PRFIN20060809_033904_000000372050_00118_23218_0577.N1	09-AUG-2006 03:39:04	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23218	No
41	GOM_NL__2PRFIN20060809_034111_000000332050_00118_23218_0578.N1	09-AUG-2006 03:41:11	Dark	32.500	177	1Zet CMa	3.0220	26000.	65	23218	No
42	GOM_NL__2PRFIN20060809_035652_000000392050_00119_23219_0562.N1	09-AUG-2006 03:56:52	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23219	No

220	GOM_NL__2PRFIN20060809_214645_000000302050_00129_23229_0590.N1	09-AUG-2006 21:46:45	Bright	30.000	42	34Bet Aur	1.9000	10200.	60	23229	No
221	GOM_NL__2PRFIN20060809_214905_000000342050_00129_23229_0591.N1	09-AUG-2006 21:49:05	Bright	34.000	107	37The Aur	2.6490	11000.	68	23229	No
222	GOM_NL__2PRFIN20060809_215312_000000422050_00129_23229_0592.N1	09-AUG-2006 21:53:12	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	23229	No
223	GOM_NL__2PRFIN20060809_215802_000000452050_00129_23229_0593.N1	09-AUG-2006 21:58:02	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	23229	No
224	GOM_NL__2PRFIN20060809_220100_000000372050_00129_23229_0594.N1	09-AUG-2006 22:01:00	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	23229	No
225	GOM_NL__2PRFIN20060809_220222_000000362050_00129_23229_0595.N1	09-AUG-2006 22:02:22	Dark	35.500	125	44Iot Ori	2.7700	30000.	71	23229	No
226	GOM_NL__2PRFIN20060809_220349_000000382050_00129_23229_0596.N1	09-AUG-2006 22:03:49	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	23229	No
227	GOM_NL__2PRFIN20060809_220545_000000382050_00129_23229_0597.N1	09-AUG-2006 22:05:45	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	23229	No
228	GOM_NL__2PRFIN20060809_220750_000000322050_00129_23229_0598.N1	09-AUG-2006 22:07:50	Dark	32.000	177	1Zet CMa	3.0220	26000.	64	23229	No
229	GOM_NL__2PRFIN20060809_222334_000000372050_00130_23230_0582.N1	09-AUG-2006 22:23:34	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23230	No
230	GOM_NL__2PRFIN20060809_222950_000000412050_00130_23230_0583.N1	09-AUG-2006 22:29:50	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	23230	No
231	GOM_NL__2PRFIN20060809_223320_000000392050_00130_23230_0584.N1	09-AUG-2006 22:33:20	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23230	No
232	GOM_NL__2PRFIN20060809_225119_000000302050_00130_23230_0585.N1	09-AUG-2006 22:51:19	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23230	No
233	GOM_NL__2PRFIN20060809_225259_000000302050_00130_23230_0586.N1	09-AUG-2006 22:52:59	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23230	No
234	GOM_NL__2PRFIN20060809_230008_000000322050_00130_23230_0587.N1	09-AUG-2006 23:00:08	Bright	31.500	5	3Alp Lyr	0.033000	11000.	63	23230	No
235	GOM_NL__2PRFIN20060809_230138_000000302050_00130_23230_0588.N1	09-AUG-2006 23:01:38	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23230	No
236	GOM_NL__2PRFIN20060809_231421_000000262050_00130_23230_0589.N1	09-AUG-2006 23:14:21	Bright	26.000	49	1Alp UMi	1.9900	6300.0	52	23230	No
237	GOM_NL__2PRFIN20060809_232721_000000312050_00130_23230_0590.N1	09-AUG-2006 23:27:21	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	23230	No
238	GOM_NL__2PRFIN20060809_232941_000000432050_00130_23230_0591.N1	09-AUG-2006 23:29:41	Bright	43.000	107	37The Aur	2.6490	11000.	86	23230	No
239	GOM_NL__2PRFIN20060809_233348_000000442050_00130_23230_0592.N1	09-AUG-2006 23:33:48	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	23230	No
240	GOM_NL__2PRFIN20060809_233838_000000372050_00130_23230_0593.N1	09-AUG-2006 23:38:38	Dark	37.000	14	58Alp Ori	0.87000	3000.0	74	23230	No
241	GOM_NL__2PRFIN20060809_234141_000000382050_00130_23230_0594.N1	09-AUG-2006 23:41:41	Dark	37.500	33	50Zet Ori	1.7660	30000.	75	23230	No
242	GOM_NL__2PRFIN20060809_234259_000000362050_00130_23230_0595.N1	09-AUG-2006 23:42:59	Dark	36.000	125	44Iot Ori	2.7700	30000.	72	23230	No
243	GOM_NL__2PRFIN20060809_234425_000000442050_00130_23230_0596.N1	09-AUG-2006 23:44:25	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	23230	No
244	GOM_NL__2PRFIN20060809_234621_000000372050_00130_23230_0597.N1	09-AUG-2006 23:46:21	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	23230	No
245	GOM_NL__2PRFIN20060809_234826_000000332050_00130_23230_0598.N1	09-AUG-2006 23:48:26	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	23230	No

3. Quality information per product

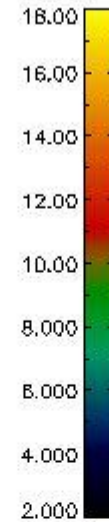
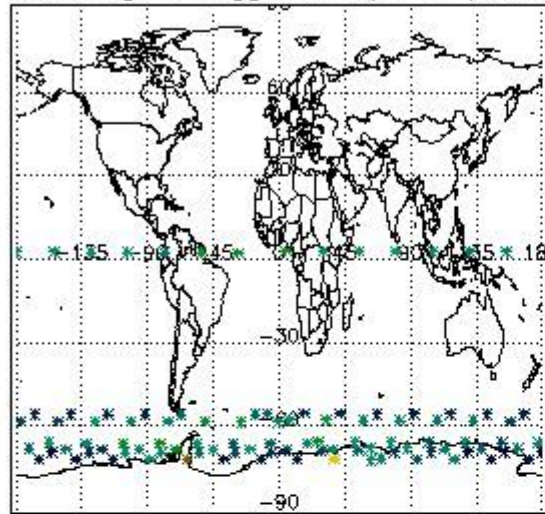
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

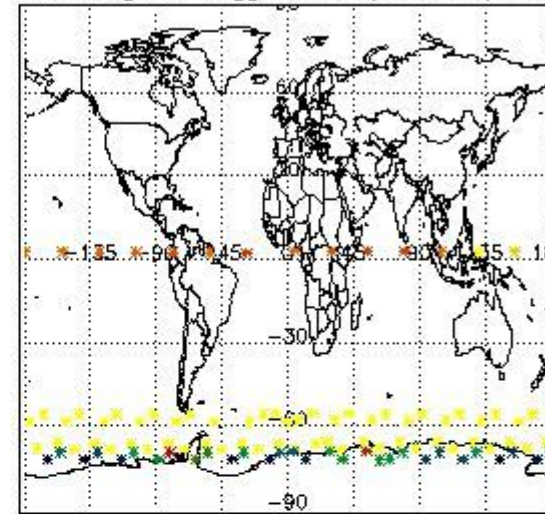


3.2 Plot quality information per product (world map)

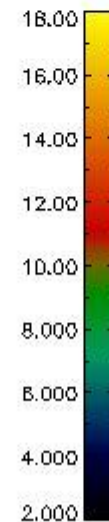
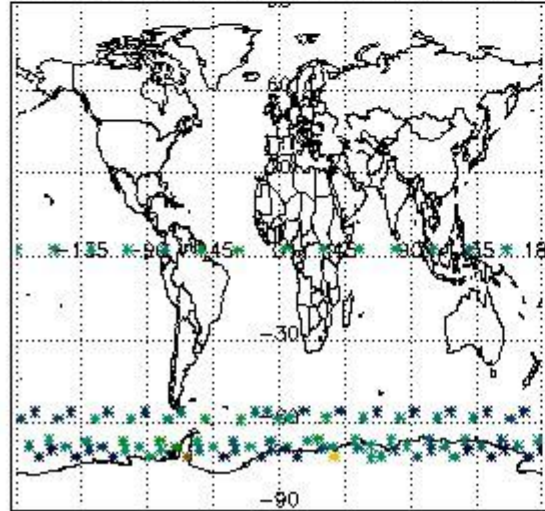
Percentage of flagged data per O3 profile



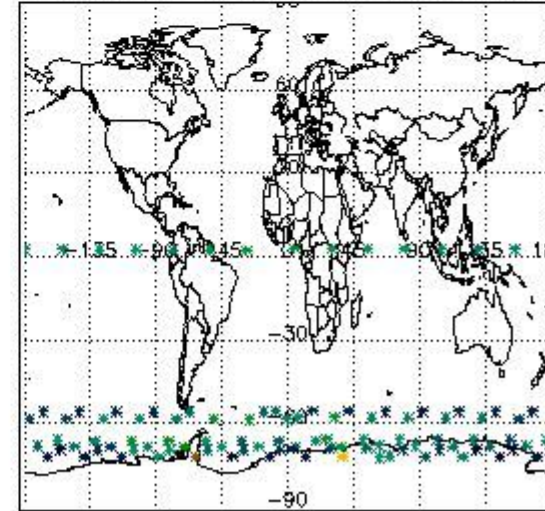
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

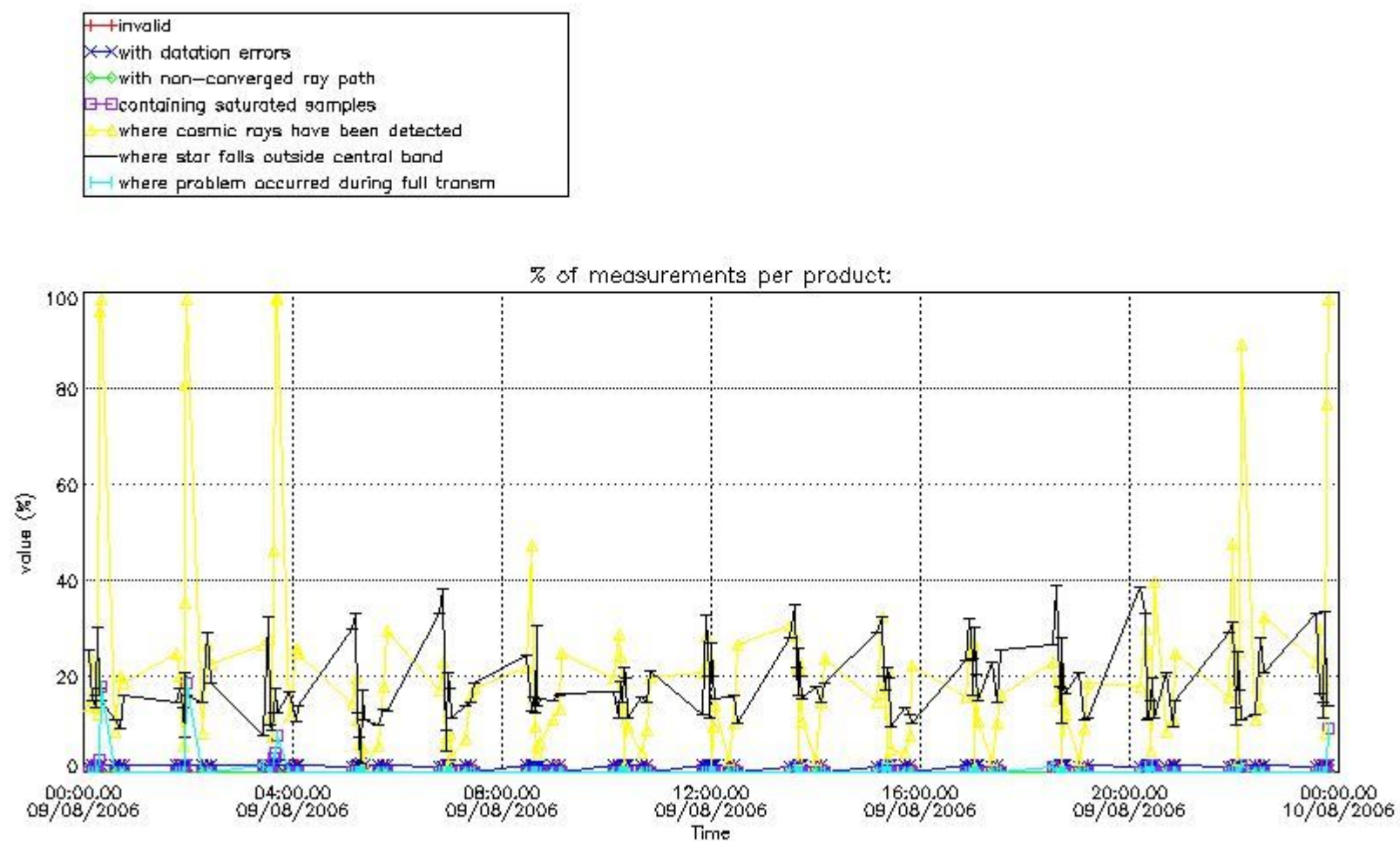


4. Level 1 quality information per product

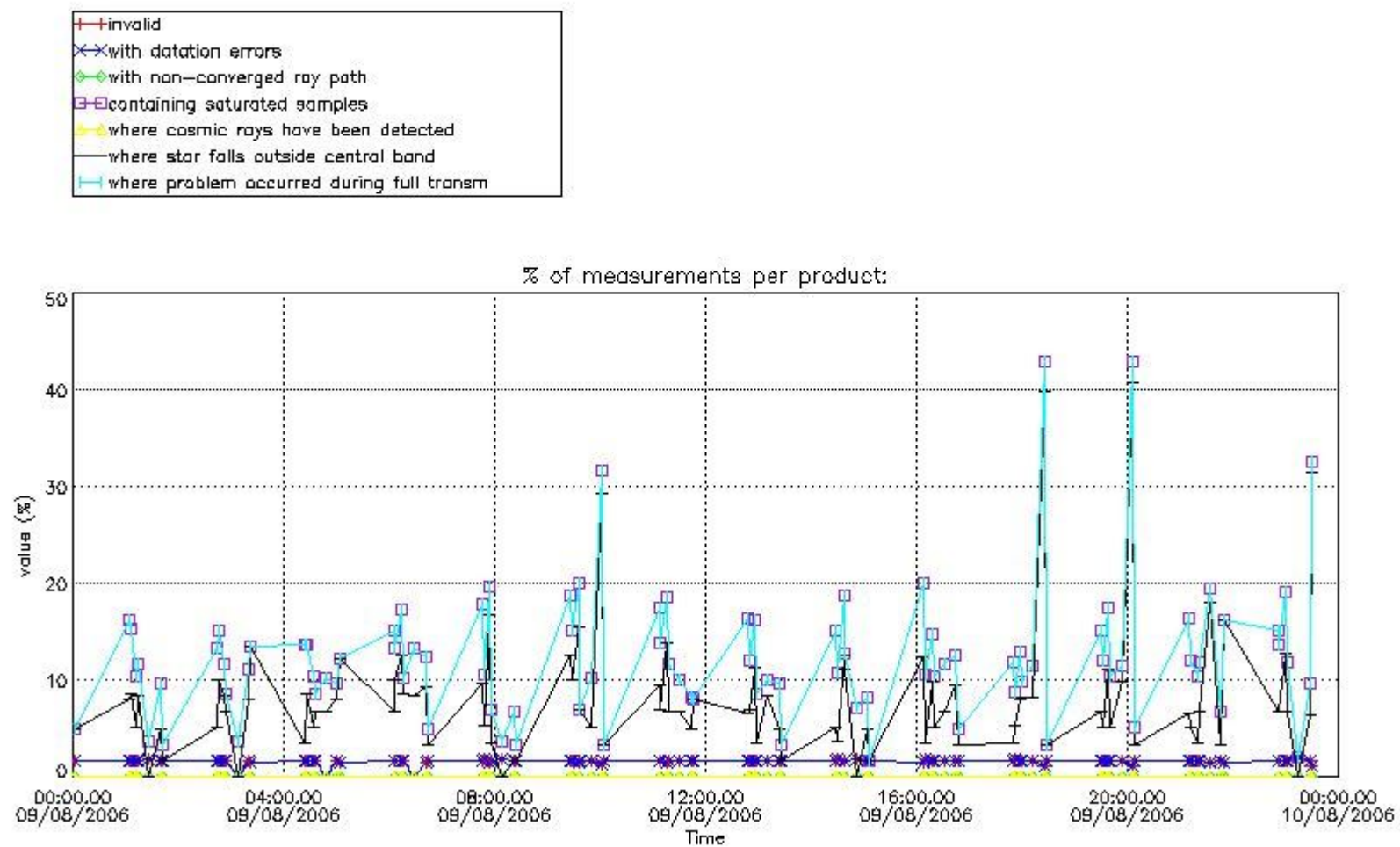
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



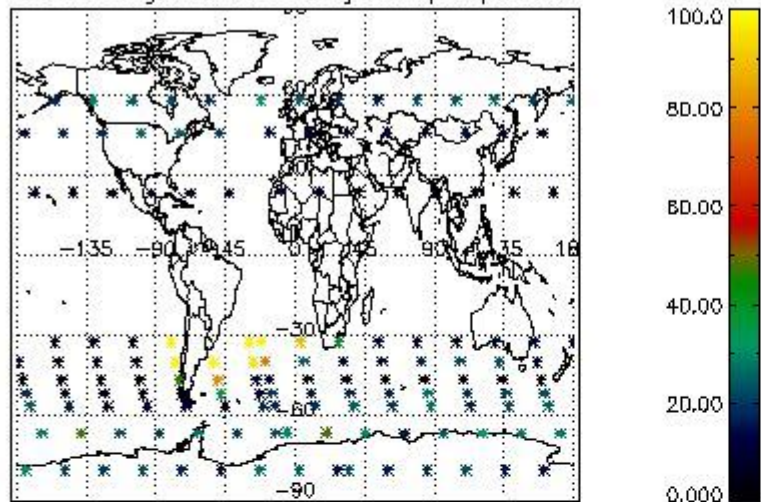
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



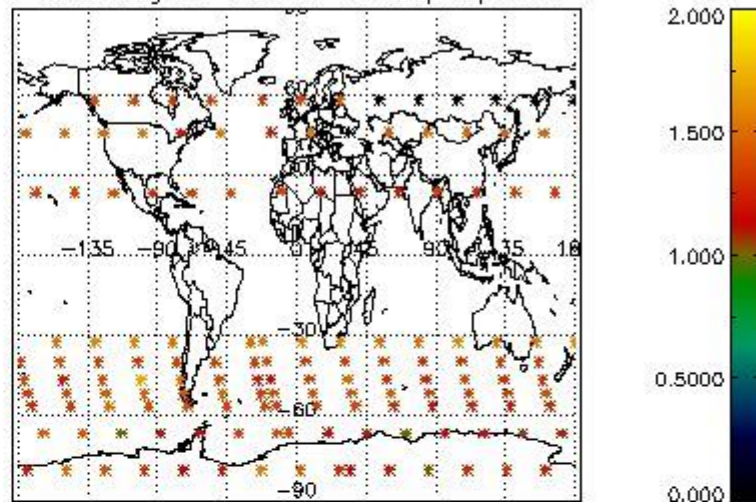
4.2 Plot quality information per product coming from level 1b processing (world map)

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

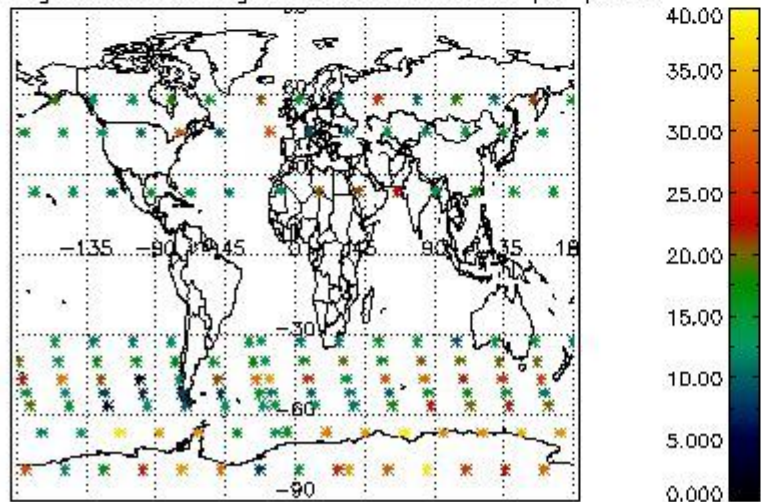
Percentage of cosmic ray hits per profile



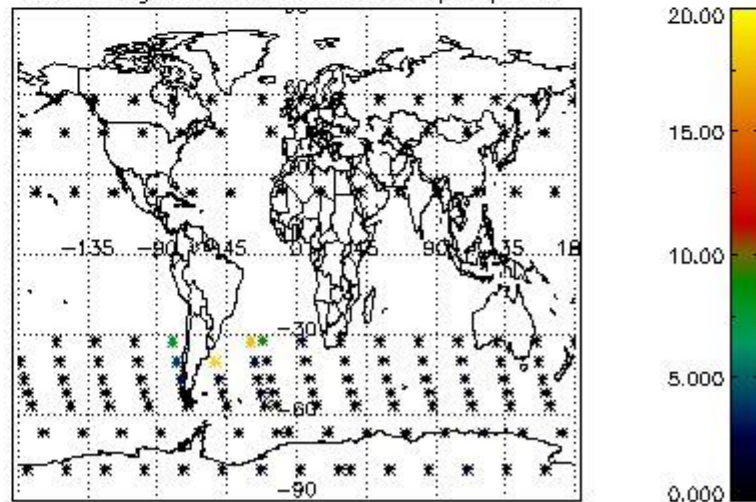
Percentage of datation errors per profile



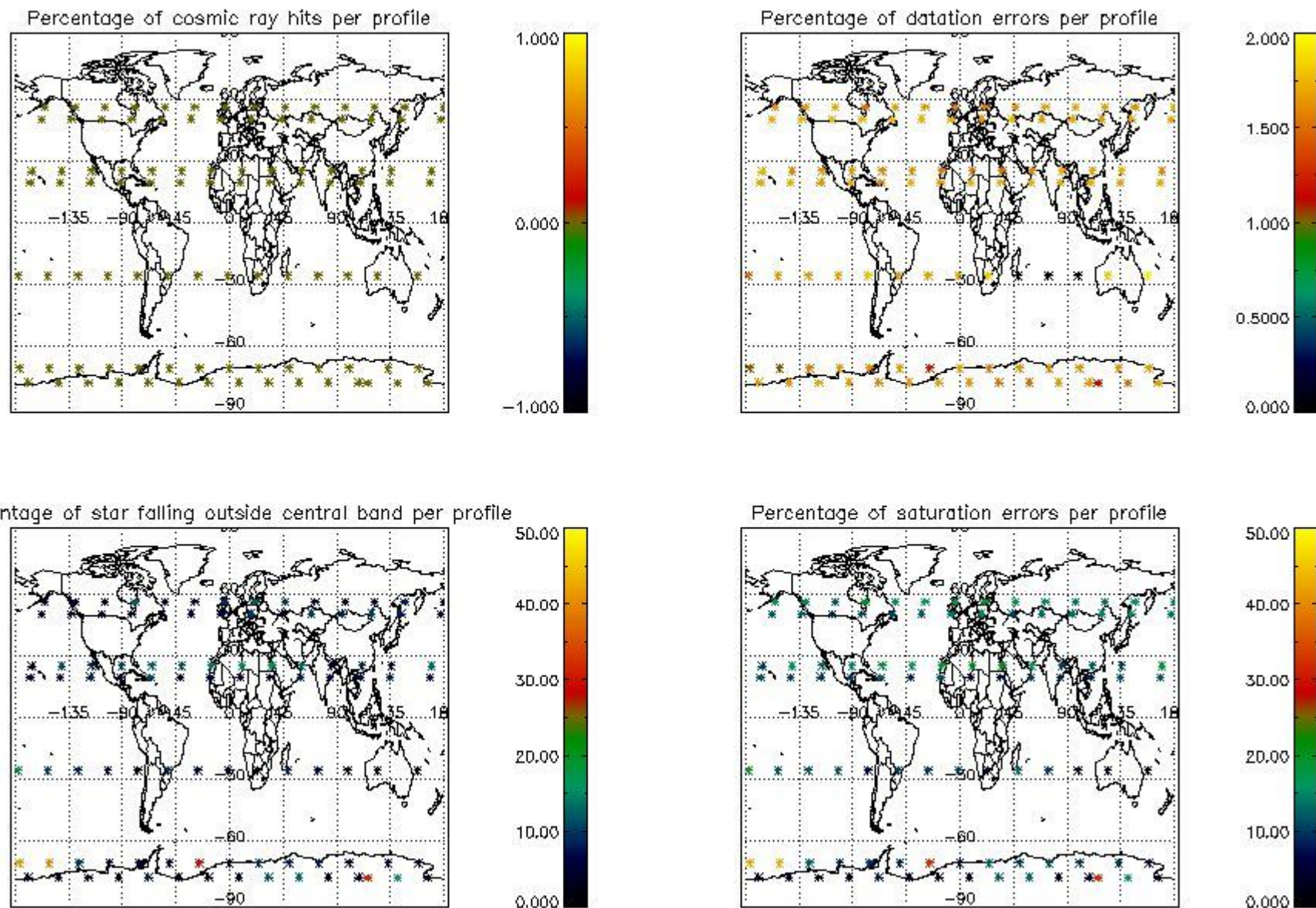
Percentage of star falling outside central band per profile



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

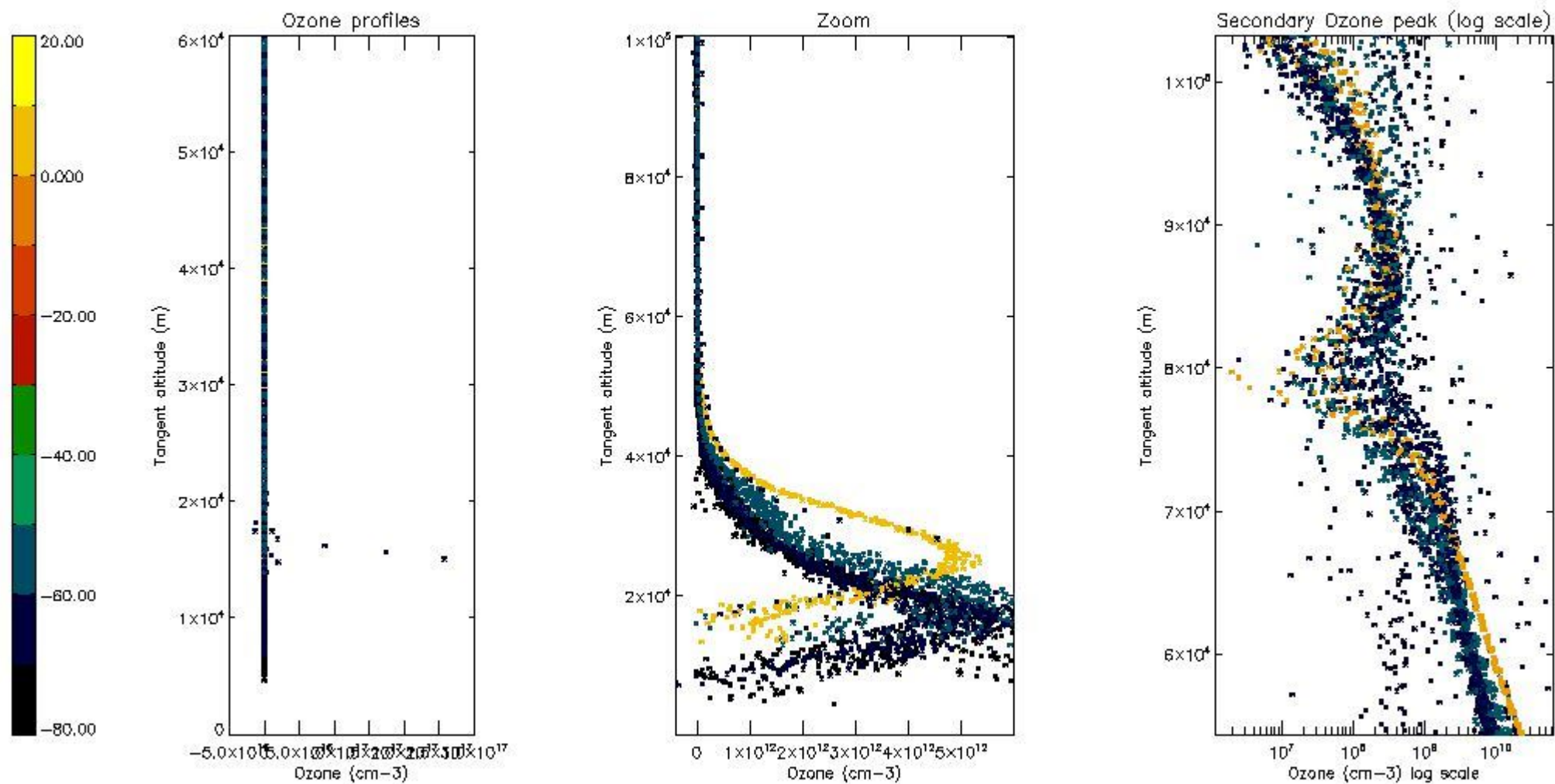
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	30

STD < 10	25
STD < 5	18

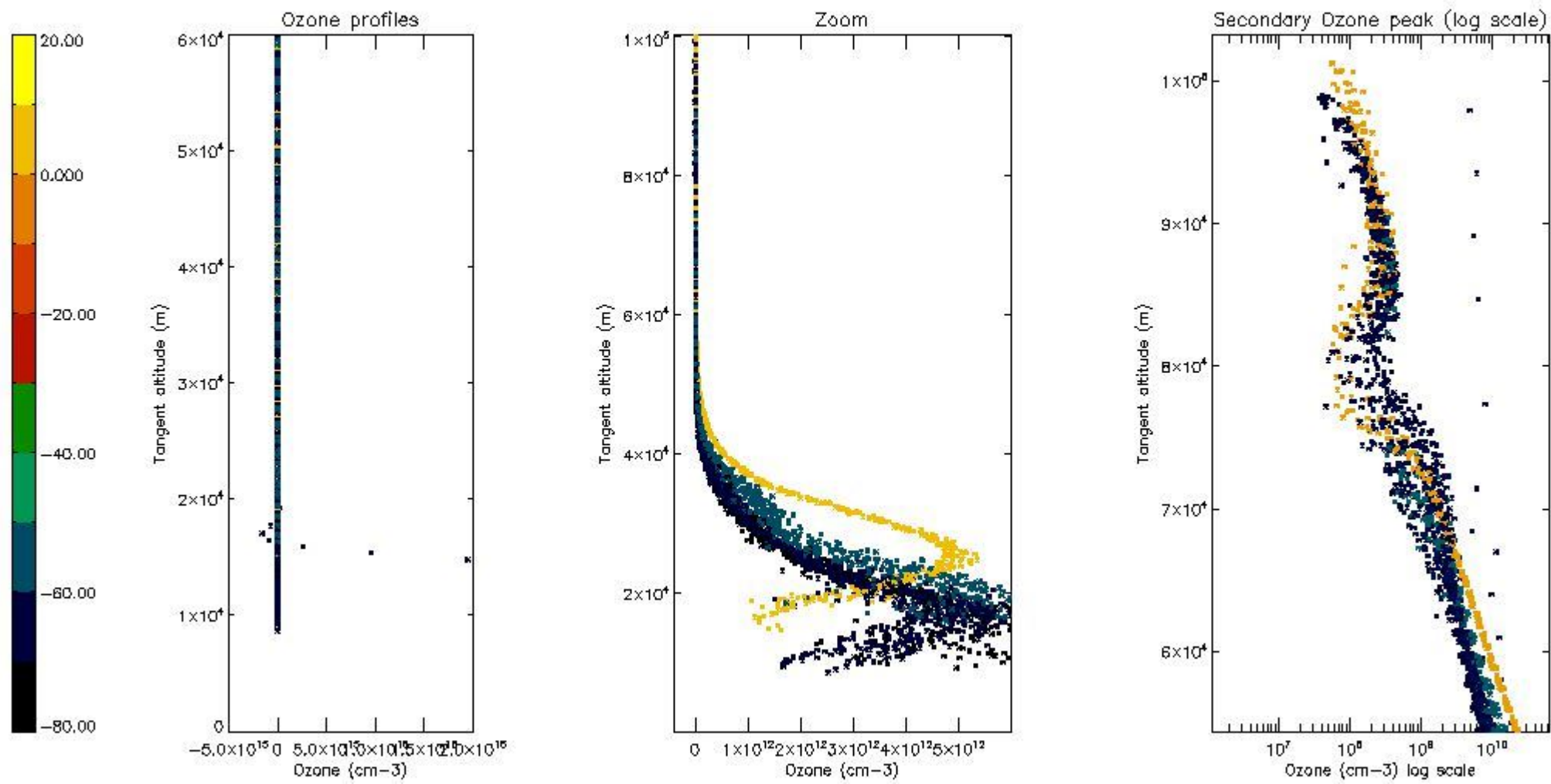
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



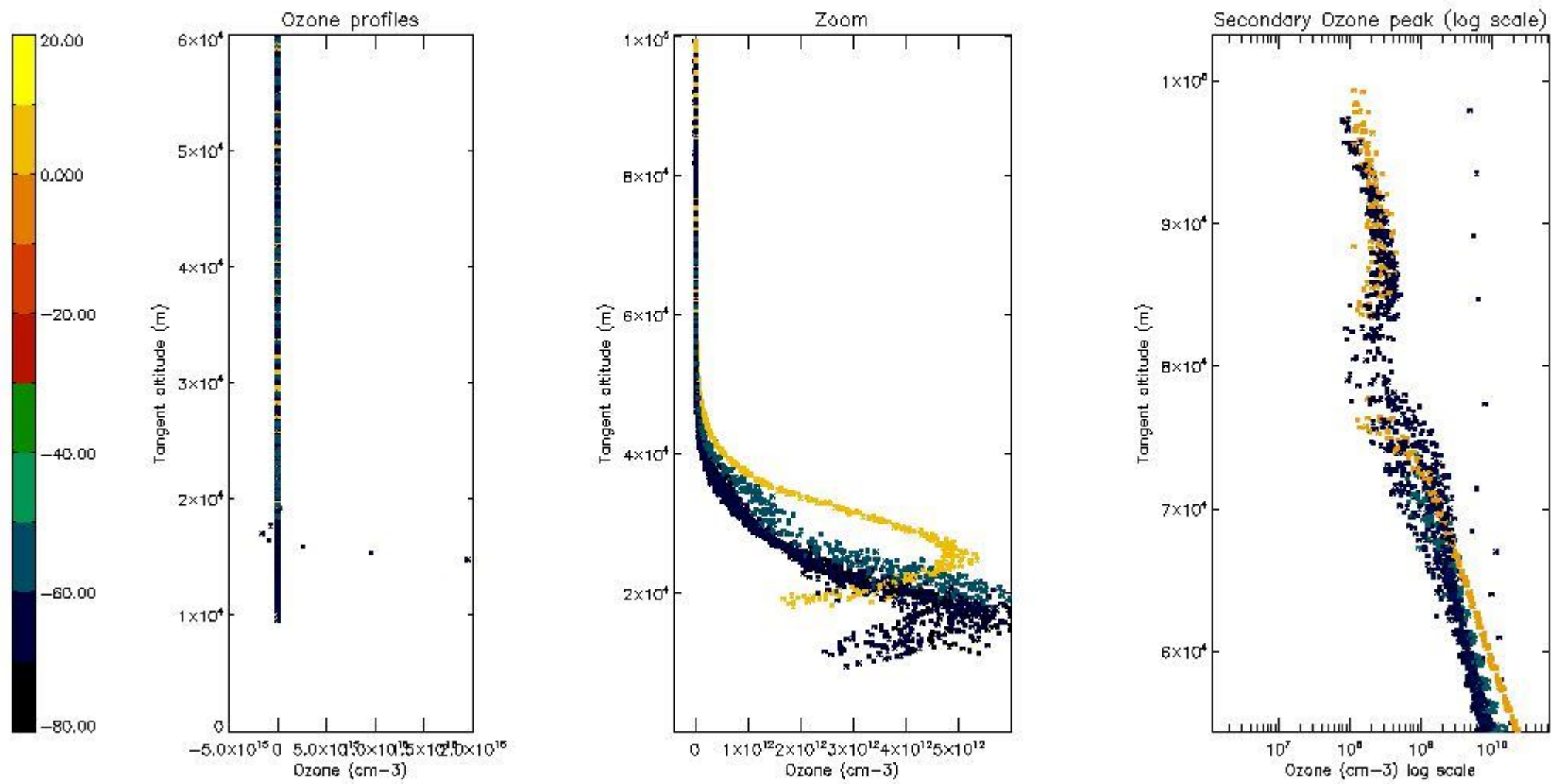
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



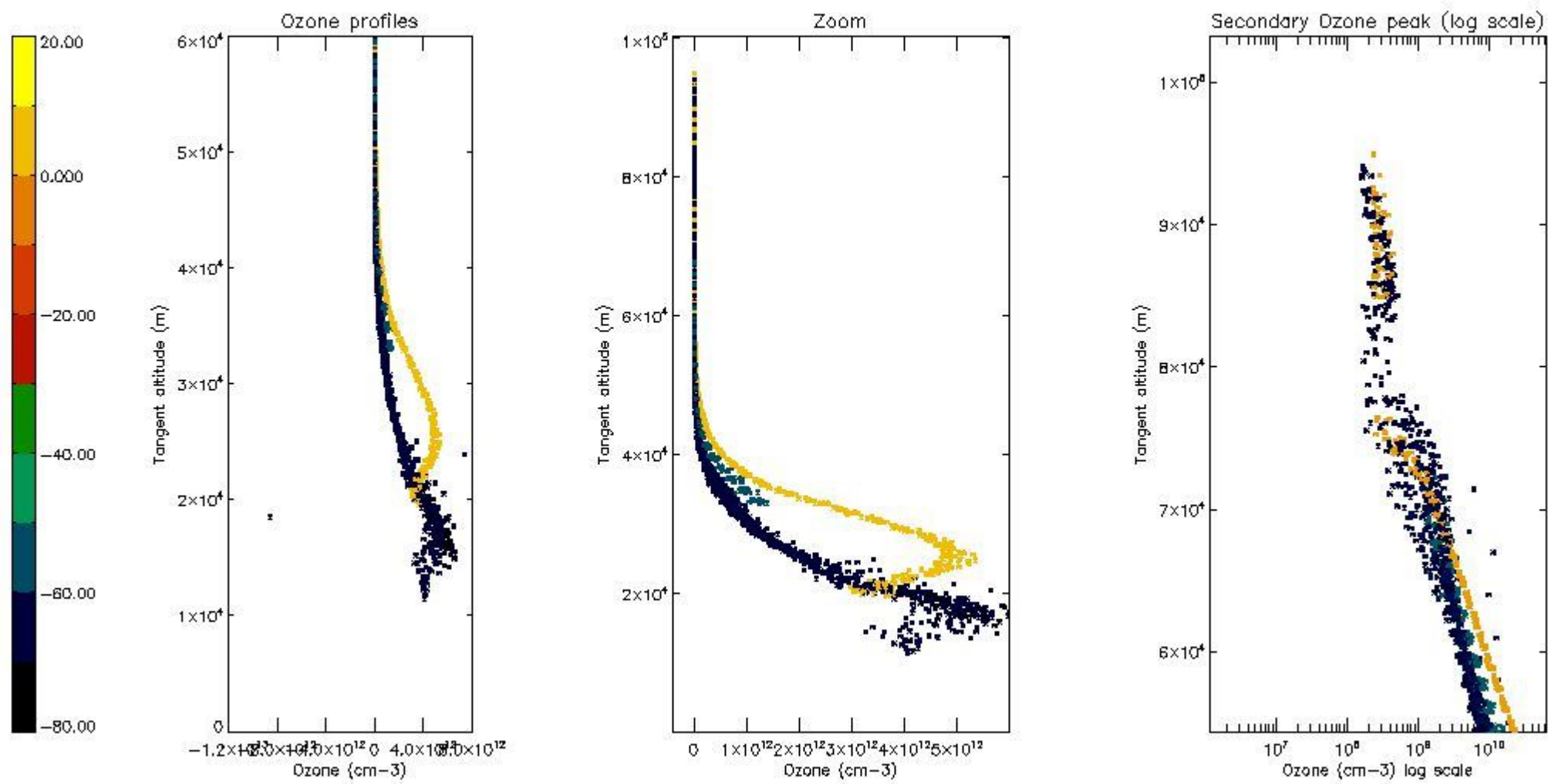
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



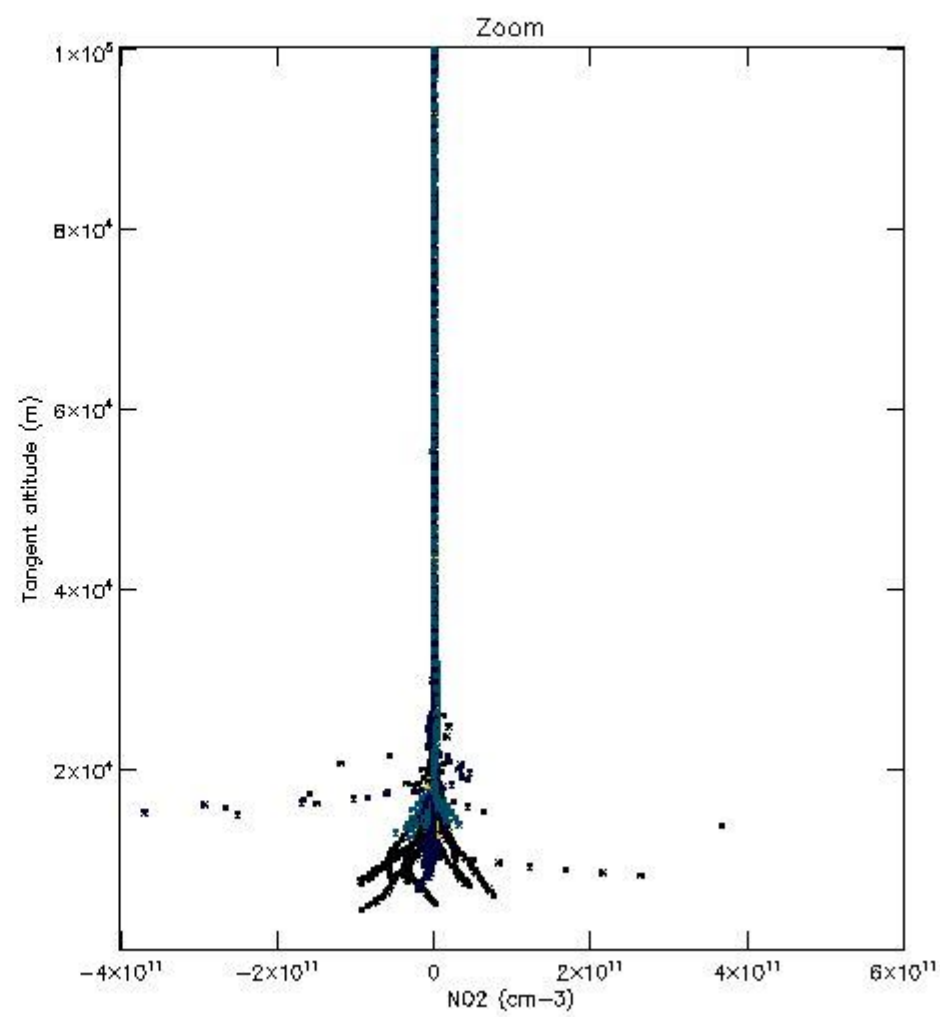
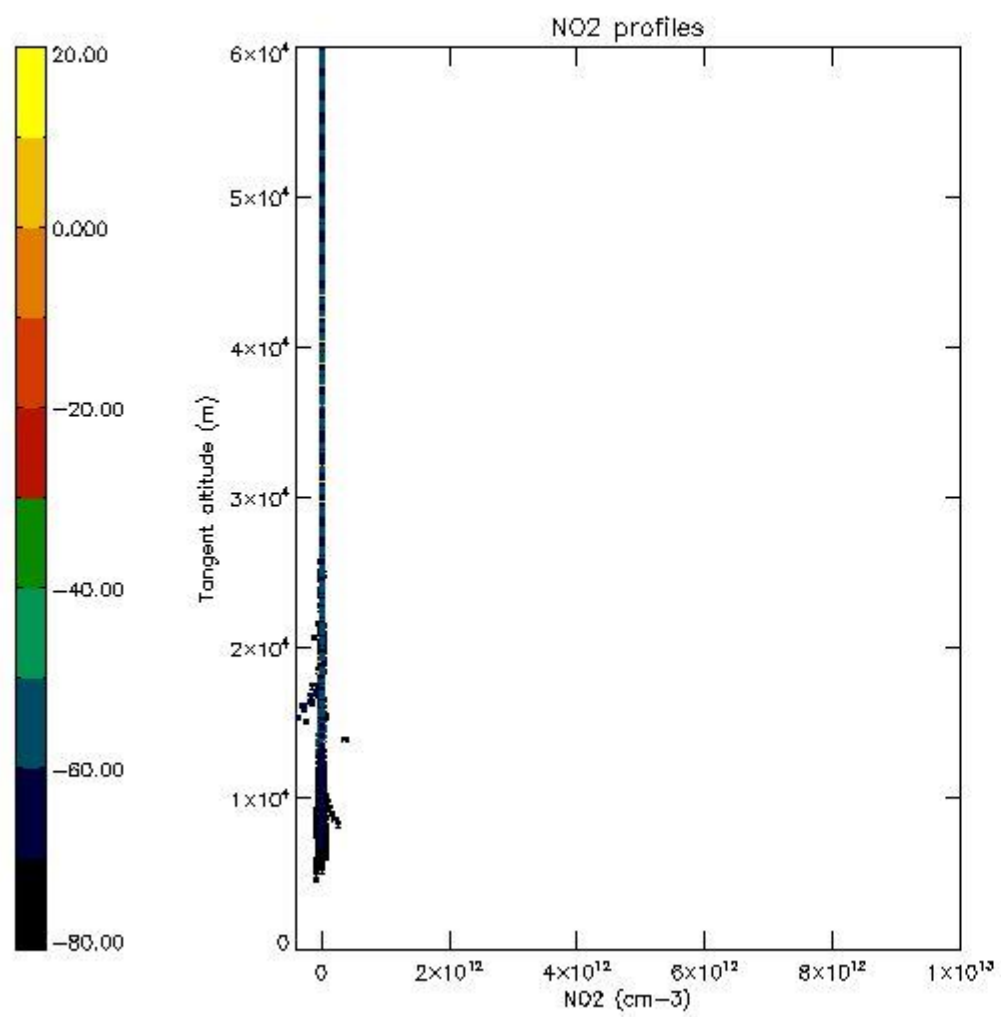
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



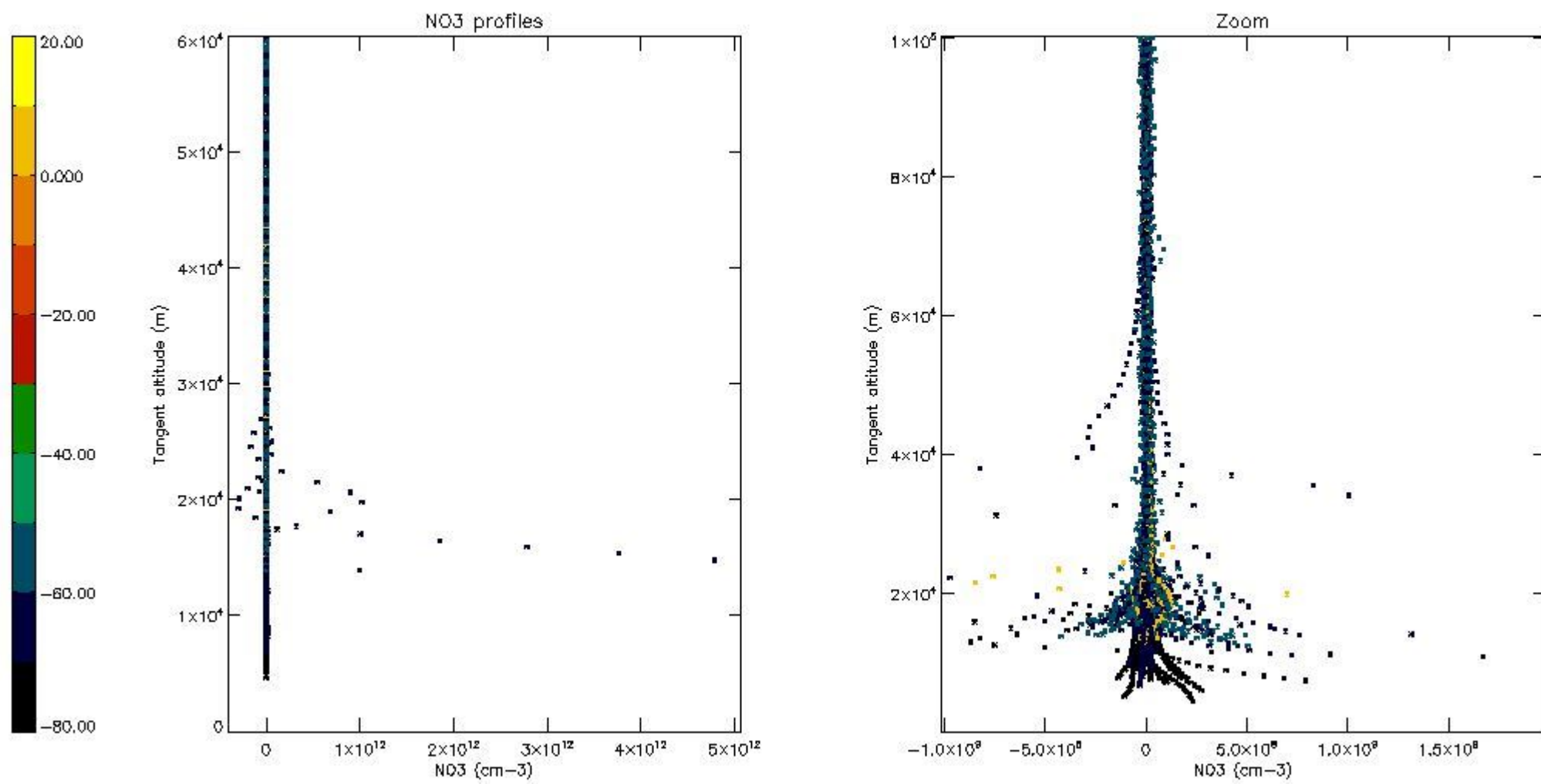
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



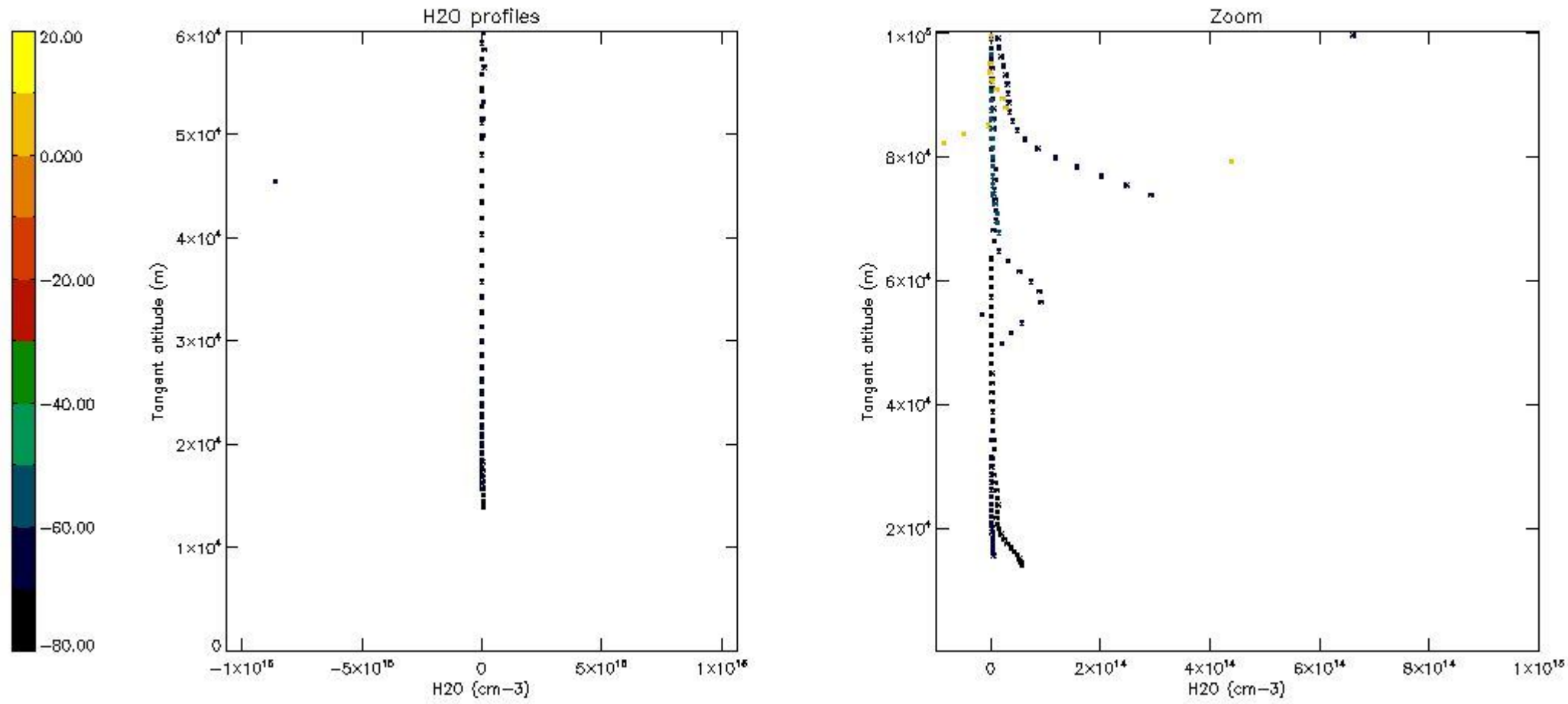
5.7 Plot NO3 profiles for all STD (dark without errors)

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	09-AUG-2006 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-AUG-2006 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-AUG-2006 00:01:17

GOMOS Level 2 Daily Report

SUMMARY

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[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	24APR2013 03:09:02
Data source version	GOMOS/6.01
Start time of products	09-08-2006 (09AUG2006 00:00:00)
Stop time of products	10-08-2006 (10AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	245
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__2PRFIN20060809_000117_000000312050_00116_23216_0571.N1	09-AUG-2006 00:01:17	Bright	30.500	107	37The Aur	2.6490	11000.	61	23216	No
2	GOM_NL__2PRFIN20060809_000522_000000402050_00116_23216_0572.N1	09-AUG-2006 00:05:22	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	23216	No
3	GOM_NL__2PRFIN20060809_001010_000000372050_00116_23216_0573.N1	09-AUG-2006 00:10:10	Dark	36.500	14	58Alp Ori	0.87000	3000.0	73	23216	No
4	GOM_NL__2PRFIN20060809_001307_000000382050_00116_23216_0574.N1	09-AUG-2006 00:13:07	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	23216	No
5	GOM_NL__2PRFIN20060809_001429_000000382050_00116_23216_0575.N1	09-AUG-2006 00:14:29	Dark	37.500	125	44Iot Ori	2.7700	30000.	75	23216	No
6	GOM_NL__2PRFIN20060809_001559_000000422050_00116_23216_0576.N1	09-AUG-2006 00:15:59	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	23216	No
7	GOM_NL__2PRFIN20060809_001751_000000382050_00116_23216_0577.N1	09-AUG-2006 00:17:51	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23216	No
8	GOM_NL__2PRFIN20060809_001959_000000342050_00116_23216_0578.N1	09-AUG-2006 00:19:59	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23216	No
9	GOM_NL__2PRFIN20060809_003538_000000372050_00117_23217_0562.N1	09-AUG-2006 00:35:38	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23217	No
10	GOM_NL__2PRFIN20060809_004158_000000332050_00117_23217_0563.N1	09-AUG-2006 00:41:58	Straylight	32.500	148	Alp Tuc	2.8780	4100.0	65	23217	No
11	GOM_NL__2PRFIN20060809_004527_000000382050_00117_23217_0564.N1	09-AUG-2006 00:45:27	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23217	No
12	GOM_NL__2PRFIN20060809_010332_000000312050_00117_23217_0565.N1	09-AUG-2006 01:03:32	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23217	No
13	GOM_NL__2PRFIN20060809_010511_000000302050_00117_23217_0566.N1	09-AUG-2006 01:05:11	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23217	No
14	GOM_NL__2PRFIN20060809_011218_000000292050_00117_23217_0567.N1	09-AUG-2006 01:12:18	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23217	No
15	GOM_NL__2PRFIN20060809_011353_000000302050_00117_23217_0568.N1	09-AUG-2006 01:13:53	Bright	30.000	144	18Del Cyg	2.8600	11000.	60	23217	No
16	GOM_NL__2PRFIN20060809_012633_000000282050_00117_23217_0569.N1	09-AUG-2006 01:26:33	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	23217	No
17	GOM_NL__2PRFIN20060809_013933_000000312050_00117_23217_0570.N1	09-AUG-2006 01:39:33	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	23217	No
18	GOM_NL__2PRFIN20060809_014152_000000302050_00117_23217_0571.N1	09-AUG-2006 01:41:52	Bright	30.000	107	37The Aur	2.6490	11000.	60	23217	No
19	GOM_NL__2PRFIN20060809_014559_000000352050_00117_23217_0572.N1	09-AUG-2006 01:45:59	Bright	34.500	151	13Mu Gem	2.8900	3000.0	69	23217	No
20	GOM_NL__2PRFIN20060809_015046_000000382050_00117_23217_0573.N1	09-AUG-2006 01:50:46	Dark	37.500	14	58Alp Ori	0.87000	3000.0	75	23217	No
21	GOM_NL__2PRFIN20060809_015343_000000372050_00117_23217_0574.N1	09-AUG-2006 01:53:43	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	23217	No
22	GOM_NL__2PRFIN20060809_015505_000000342050_00117_23217_0575.N1	09-AUG-2006 01:55:05	Dark	34.000	125	44Iot Ori	2.7700	30000.	68	23217	No
23	GOM_NL__2PRFIN20060809_015635_000000372050_00117_23217_0576.N1	09-AUG-2006 01:56:35	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	23217	No
24	GOM_NL__2PRFIN20060809_015827_000000382050_00117_23217_0577.N1	09-AUG-2006 01:58:27	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23217	No
25	GOM_NL__2PRFIN20060809_021615_000000382050_00118_23218_0562.N1	09-AUG-2006 02:16:15	Dark	37.500	9	Alp Eri	0.45300	24000.	75	23218	No
26	GOM_NL__2PRFIN20060809_022234_000000422050_00118_23218_0563.N1	09-AUG-2006 02:22:34	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	23218	No
27	GOM_NL__2PRFIN20060809_022603_000000382050_00118_23218_0564.N1	09-AUG-2006 02:26:03	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23218	No
28	GOM_NL__2PRFIN20060809_024407_000000302050_00118_23218_0565.N1	09-AUG-2006 02:44:07	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23218	No
29	GOM_NL__2PRFIN20060809_024547_000000302050_00118_23218_0566.N1	09-AUG-2006 02:45:47	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23218	No
30	GOM_NL__2PRFIN20060809_025254_000000302050_00118_23218_0567.N1	09-AUG-2006 02:52:54	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23218	No
31	GOM_NL__2PRFIN20060809_025429_000000302050_00118_23218_0568.N1	09-AUG-2006 02:54:29	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23218	No
32	GOM_NL__2PRFIN20060809_030709_000000272050_00118_23218_0569.N1	09-AUG-2006 03:07:09	Bright	27.000	49	1Alp UMi	1.9900	6300.0	54	23218	No
33	GOM_NL__2PRFIN20060809_032009_000000322050_00118_23218_0570.N1	09-AUG-2006 03:20:09	Bright	31.500	42	34Bet Aur	1.9000	10200.	63	23218	No
34	GOM_NL__2PRFIN20060809_032229_000000342050_00118_23218_0571.N1	09-AUG-2006 03:22:29	Bright	33.500	107	37The Aur	2.6490	11000.	67	23218	No
35	GOM_NL__2PRFIN20060809_032635_000000322050_00118_23218_0572.N1	09-AUG-2006 03:26:35	Bright	32.000	151	13Mu Gem	2.8900	3000.0	64	23218	No
36	GOM_NL__2PRFIN20060809_033123_000000452050_00118_23218_0573.N1	09-AUG-2006 03:31:23	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	23218	No
37	GOM_NL__2PRFIN20060809_033420_000000362050_00118_23218_0574.N1	09-AUG-2006 03:34:20	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	23218	No
38	GOM_NL__2PRFIN20060809_033542_000000352050_00118_23218_0575.N1	09-AUG-2006 03:35:42	Dark	34.500	125	44Iot Ori	2.7700	30000.	69	23218	No
39	GOM_NL__2PRFIN20060809_033711_000000332050_00118_23218_0576.N1	09-AUG-2006 03:37:11	Dark	32.500	1	9Alp CMa	-1.4400	11000.	65	23218	No
40	GOM_NL__2PRFIN20060809_033904_000000372050_00118_23218_0577.N1	09-AUG-2006 03:39:04	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	23218	No
41	GOM_NL__2PRFIN20060809_034111_000000332050_00118_23218_0578.N1	09-AUG-2006 03:41:11	Dark	32.500	177	1Zet CMa	3.0220	26000.	65	23218	No
42	GOM_NL__2PRFIN20060809_035652_000000392050_00119_23219_0562.N1	09-AUG-2006 03:56:52	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23219	No

43	GOM_NL__2PRFIN20060809_040310_000000332050_00119_23219_0563.N1	09-AUG-2006 04:03:10	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23219	No
44	GOM_NL__2PRFIN20060809_040640_000000372050_00119_23219_0564.N1	09-AUG-2006 04:06:40	Straylight	36.500	31	Alp Gru	1.7340	15200.	73	23219	No
45	GOM_NL__2PRFIN20060809_042444_000000302050_00119_23219_0565.N1	09-AUG-2006 04:24:44	Bright	29.500	11	53Alp Aql	0.76500	8000.0	59	23219	No
46	GOM_NL__2PRFIN20060809_042623_000000302050_00119_23219_0566.N1	09-AUG-2006 04:26:23	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23219	No
47	GOM_NL__2PRFIN20060809_043330_000000292050_00119_23219_0567.N1	09-AUG-2006 04:33:30	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23219	No
48	GOM_NL__2PRFIN20060809_043504_000000302050_00119_23219_0568.N1	09-AUG-2006 04:35:04	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23219	No
49	GOM_NL__2PRFIN20060809_044745_000000302050_00119_23219_0569.N1	09-AUG-2006 04:47:45	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23219	No
50	GOM_NL__2PRFIN20060809_050045_000000312050_00119_23219_0570.N1	09-AUG-2006 05:00:45	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	23219	No
51	GOM_NL__2PRFIN20060809_050305_000000332050_00119_23219_0571.N1	09-AUG-2006 05:03:05	Bright	33.000	107	37The Aur	2.6490	11000.	66	23219	No
52	GOM_NL__2PRFIN20060809_050711_000000422050_00119_23219_0572.N1	09-AUG-2006 05:07:11	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	23219	No
53	GOM_NL__2PRFIN20060809_051159_000000462050_00119_23219_0573.N1	09-AUG-2006 05:11:59	Dark	45.500	14	58Alp Ori	0.87000	3000.0	91	23219	No
54	GOM_NL__2PRFIN20060809_051456_000000372050_00119_23219_0574.N1	09-AUG-2006 05:14:56	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	23219	No
55	GOM_NL__2PRFIN20060809_051618_000000352050_00119_23219_0575.N1	09-AUG-2006 05:16:18	Dark	34.500	125	44Iot Ori	2.7700	30000.	69	23219	No
56	GOM_NL__2PRFIN20060809_051747_000000302050_00119_23219_0576.N1	09-AUG-2006 05:17:47	Dark	29.500	1	9Alp CMa	-1.4400	11000.	59	23219	No
57	GOM_NL__2PRFIN20060809_051940_000000382050_00119_23219_0577.N1	09-AUG-2006 05:19:40	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	23219	No
58	GOM_NL__2PRFIN20060809_052148_000000322050_00119_23219_0578.N1	09-AUG-2006 05:21:48	Dark	32.000	177	1Zet CMa	3.0220	26000.	64	23219	No
59	GOM_NL__2PRFIN20060809_053728_000000362050_00120_23220_0562.N1	09-AUG-2006 05:37:28	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23220	No
60	GOM_NL__2PRFIN20060809_054347_000000342050_00120_23220_0563.N1	09-AUG-2006 05:43:47	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23220	No
61	GOM_NL__2PRFIN20060809_054716_000000362050_00120_23220_0564.N1	09-AUG-2006 05:47:16	Straylight	35.500	31	Alp Gru	1.7340	15200.	71	23220	No
62	GOM_NL__2PRFIN20060809_060520_000000302050_00120_23220_0565.N1	09-AUG-2006 06:05:20	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23220	No
63	GOM_NL__2PRFIN20060809_060659_000000302050_00120_23220_0566.N1	09-AUG-2006 06:06:59	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23220	No
64	GOM_NL__2PRFIN20060809_061407_000000322050_00120_23220_0567.N1	09-AUG-2006 06:14:07	Bright	32.000	5	3Alp Lyr	0.033000	11000.	64	23220	No
65	GOM_NL__2PRFIN20060809_061541_000000302050_00120_23220_0568.N1	09-AUG-2006 06:15:41	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23220	No
66	GOM_NL__2PRFIN20060809_062821_000000302050_00120_23220_0569.N1	09-AUG-2006 06:28:21	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23220	No
67	GOM_NL__2PRFIN20060809_064121_000000332050_00120_23220_0570.N1	09-AUG-2006 06:41:21	Bright	32.500	42	34Bet Aur	1.9000	10200.	65	23220	No
68	GOM_NL__2PRFIN20060809_064341_000000312050_00120_23220_0571.N1	09-AUG-2006 06:43:41	Bright	30.500	107	37The Aur	2.6490	11000.	61	23220	No
69	GOM_NL__2PRFIN20060809_064747_000000442050_00120_23220_0572.N1	09-AUG-2006 06:47:47	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	23220	No
70	GOM_NL__2PRFIN20060809_065235_000000502050_00120_23220_0573.N1	09-AUG-2006 06:52:35	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	23220	No
71	GOM_NL__2PRFIN20060809_065532_000000342050_00120_23220_0574.N1	09-AUG-2006 06:55:32	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	23220	No
72	GOM_NL__2PRFIN20060809_065655_000000352050_00120_23220_0575.N1	09-AUG-2006 06:56:55	Dark	35.000	125	44Iot Ori	2.7700	30000.	70	23220	No
73	GOM_NL__2PRFIN20060809_065824_000000372050_00120_23220_0576.N1	09-AUG-2006 06:58:24	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	23220	No
74	GOM_NL__2PRFIN20060809_070017_000000382050_00120_23220_0577.N1	09-AUG-2006 07:00:17	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23220	No
75	GOM_NL__2PRFIN20060809_070224_000000322050_00120_23220_0578.N1	09-AUG-2006 07:02:24	Dark	31.500	177	1Zet CMa	3.0220	26000.	63	23220	No
76	GOM_NL__2PRFIN20060809_071805_000000372050_00121_23221_0562.N1	09-AUG-2006 07:18:05	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23221	No
77	GOM_NL__2PRFIN20060809_072423_000000342050_00121_23221_0563.N1	09-AUG-2006 07:24:23	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23221	No
78	GOM_NL__2PRFIN20060809_072753_000000382050_00121_23221_0564.N1	09-AUG-2006 07:27:53	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23221	No
79	GOM_NL__2PRFIN20060809_074556_000000312050_00121_23221_0565.N1	09-AUG-2006 07:45:56	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23221	No
80	GOM_NL__2PRFIN20060809_074735_000000292050_00121_23221_0566.N1	09-AUG-2006 07:47:35	Bright	28.500	168	17Zet Aql	2.9860	11000.	57	23221	No
81	GOM_NL__2PRFIN20060809_075443_000000332050_00121_23221_0567.N1	09-AUG-2006 07:54:43	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	23221	No
82	GOM_NL__2PRFIN20060809_075616_000000292050_00121_23221_0568.N1	09-AUG-2006 07:56:16	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23221	No
83	GOM_NL__2PRFIN20060809_080857_000000282050_00121_23221_0569.N1	09-AUG-2006 08:08:57	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	23221	No
84	GOM_NL__2PRFIN20060809_082157_000000302050_00121_23221_0570.N1	09-AUG-2006 08:21:57	Bright	30.000	42	34Bet Aur	1.9000	10200.	60	23221	No
85	GOM_NL__2PRFIN20060809_082417_000000302050_00121_23221_0571.N1	09-AUG-2006 08:24:17	Bright	30.000	107	37The Aur	2.6490	11000.	60	23221	No
86	GOM_NL__2PRFIN20060809_082823_000000392050_00121_23221_0572.N1	09-AUG-2006 08:28:23	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	23221	No
87	GOM_NL__2PRFIN20060809_083312_000000352050_00121_23221_0573.N1	09-AUG-2006 08:33:12	Dark	35.000	14	58Alp Ori	0.87000	3000.0	70	23221	No
88	GOM_NL__2PRFIN20060809_083609_000000382050_00121_23221_0574.N1	09-AUG-2006 08:36:09	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	23221	No
89	GOM_NL__2PRFIN20060809_083731_000000372050_00121_23221_0575.N1	09-AUG-2006 08:37:31	Dark	36.500	125	44Iot Ori	2.7700	30000.	73	23221	No
90	GOM_NL__2PRFIN20060809_083900_000000412050_00121_23221_0576.N1	09-AUG-2006 08:39:00	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	23221	No
91	GOM_NL__2PRFIN20060809_084053_000000362050_00121_23221_0577.N1	09-AUG-2006 08:40:53	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	23221	No
92	GOM_NL__2PRFIN20060809_084300_000000332050_00121_23221_0578.N1	09-AUG-2006 08:43:00	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	23221	No
93	GOM_NL__2PRFIN20060809_085842_000000372050_00122_23222_0562.N1	09-AUG-2006 08:58:42	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23222	No
94	GOM_NL__2PRFIN20060809_090500_000000352050_00122_23222_0563.N1	09-AUG-2006 09:05:00	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23222	No
95	GOM_NL__2PRFIN20060809_090829_000000372050_00122_23222_0564.N1	09-AUG-2006 09:08:29	Straylight	36.500	31	Alp Gru	1.7340	15200.	73	23222	No
96	GOM_NL__2PRFIN20060809_092632_000000322050_00122_23222_0565.N1	09-AUG-2006 09:26:32	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23222	No
97	GOM_NL__2PRFIN20060809_092811_000000302050_00122_23222_0566.N1	09-AUG-2006 09:28:11	Bright	30.000	168	17Zet Aql	2.9860	11000.	60	23222	No
98	GOM_NL__2PRFIN20060809_093519_000000332050_00122_23222_0567.N1	09-AUG-2006 09:35:19	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	23222	No
99	GOM_NL__2PRFIN20060809_093652_000000292050_00122_23222_0568.N1	09-AUG-2006 09:36:52	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23222	No
100	GOM_NL__2PRFIN20060809_094933_000000302050_00122_23222_0569.N1	09-AUG-2006 09:49:33	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23222	No
101	GOM_NL__2PRFIN20060809_100233_000000412050_00122_23222_0570.N1	09-AUG-2006 10:02:33	Bright	41.000	42	34Bet Aur	1.9000	10200.	82	23222	No

102	GOM_NL__2PRFIN20060809_100453_000000302050_00122_23222_0571.N1	09-AUG-2006 10:04:53	Bright	30.000	107	37The Aur	2.6490	11000.	60	23222	No
103	GOM_NL__2PRFIN20060809_100859_000000362050_00122_23222_0572.N1	09-AUG-2006 10:08:59	Bright	35.500	151	13Mu Gem	2.8900	3000.0	71	23222	No
104	GOM_NL__2PRFIN20060809_101348_000000352050_00122_23222_0573.N1	09-AUG-2006 10:13:48	Dark	35.000	14	58Alp Ori	0.87000	3000.0	70	23222	No
105	GOM_NL__2PRFIN20060809_101645_000000402050_00122_23222_0574.N1	09-AUG-2006 10:16:45	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	23222	No
106	GOM_NL__2PRFIN20060809_101807_000000382050_00122_23222_0575.N1	09-AUG-2006 10:18:07	Dark	37.500	125	44lot Ori	2.7700	30000.	75	23222	No
107	GOM_NL__2PRFIN20060809_101936_000000372050_00122_23222_0576.N1	09-AUG-2006 10:19:36	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	23222	No
108	GOM_NL__2PRFIN20060809_102130_000000382050_00122_23222_0577.N1	09-AUG-2006 10:21:30	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	23222	No
109	GOM_NL__2PRFIN20060809_102336_000000322050_00122_23222_0578.N1	09-AUG-2006 10:23:36	Dark	31.500	177	1Zet CMa	3.0220	26000.	63	23222	No
110	GOM_NL__2PRFIN20060809_103918_000000382050_00123_23223_0582.N1	09-AUG-2006 10:39:18	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23223	No
111	GOM_NL__2PRFIN20060809_104536_000000342050_00123_23223_0583.N1	09-AUG-2006 10:45:36	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23223	No
112	GOM_NL__2PRFIN20060809_104905_000000382050_00123_23223_0584.N1	09-AUG-2006 10:49:05	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23223	No
113	GOM_NL__2PRFIN20060809_110707_000000322050_00123_23223_0585.N1	09-AUG-2006 11:07:07	Bright	31.500	11	53Alp Aql	0.76500	8000.0	63	23223	No
114	GOM_NL__2PRFIN20060809_110847_000000292050_00123_23223_0586.N1	09-AUG-2006 11:08:47	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23223	No
115	GOM_NL__2PRFIN20060809_111555_000000332050_00123_23223_0587.N1	09-AUG-2006 11:15:55	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	23223	No
116	GOM_NL__2PRFIN20060809_111728_000000302050_00123_23223_0588.N1	09-AUG-2006 11:17:28	Bright	30.000	144	18Del Cyg	2.8600	11000.	60	23223	No
117	GOM_NL__2PRFIN20060809_113009_000000302050_00123_23223_0589.N1	09-AUG-2006 11:30:09	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23223	No
118	GOM_NL__2PRFIN20060809_114309_000000312050_00123_23223_0590.N1	09-AUG-2006 11:43:09	Bright	30.500	42	34Bet Aur	1.9000	10200.	61	23223	No
119	GOM_NL__2PRFIN20060809_114529_000000322050_00123_23223_0591.N1	09-AUG-2006 11:45:29	Bright	31.500	107	37The Aur	2.6490	11000.	63	23223	No
120	GOM_NL__2PRFIN20060809_114935_000000342050_00123_23223_0592.N1	09-AUG-2006 11:49:35	Bright	33.500	151	13Mu Gem	2.8900	3000.0	67	23223	No
121	GOM_NL__2PRFIN20060809_115424_000000462050_00123_23223_0593.N1	09-AUG-2006 11:54:24	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	23223	No
122	GOM_NL__2PRFIN20060809_115721_000000402050_00123_23223_0594.N1	09-AUG-2006 11:57:21	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	23223	No
123	GOM_NL__2PRFIN20060809_115844_000000362050_00123_23223_0595.N1	09-AUG-2006 11:58:44	Dark	35.500	125	44lot Ori	2.7700	30000.	71	23223	No
124	GOM_NL__2PRFIN20060809_120012_000000392050_00123_23223_0596.N1	09-AUG-2006 12:00:12	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	23223	No
125	GOM_NL__2PRFIN20060809_120206_000000382050_00123_23223_0597.N1	09-AUG-2006 12:02:06	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23223	No
126	GOM_NL__2PRFIN20060809_120412_000000332050_00123_23223_0598.N1	09-AUG-2006 12:04:12	Dark	32.500	177	1Zet CMa	3.0220	26000.	65	23223	No
127	GOM_NL__2PRFIN20060809_121955_000000382050_00124_23224_0582.N1	09-AUG-2006 12:19:55	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23224	No
128	GOM_NL__2PRFIN20060809_122612_000000352050_00124_23224_0583.N1	09-AUG-2006 12:26:12	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23224	No
129	GOM_NL__2PRFIN20060809_122942_000000342050_00124_23224_0584.N1	09-AUG-2006 12:29:42	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	23224	No
130	GOM_NL__2PRFIN20060809_124743_000000312050_00124_23224_0585.N1	09-AUG-2006 12:47:43	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23224	No
131	GOM_NL__2PRFIN20060809_124923_000000292050_00124_23224_0586.N1	09-AUG-2006 12:49:23	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23224	No
132	GOM_NL__2PRFIN20060809_125631_000000312050_00124_23224_0587.N1	09-AUG-2006 12:56:31	Bright	31.000	5	3Alp Lyr	0.033000	11000.	62	23224	No
133	GOM_NL__2PRFIN20060809_125804_000000292050_00124_23224_0588.N1	09-AUG-2006 12:58:04	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23224	No
134	GOM_NL__2PRFIN20060809_131045_000000302050_00124_23224_0589.N1	09-AUG-2006 13:10:45	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23224	No
135	GOM_NL__2PRFIN20060809_132345_000000312050_00124_23224_0590.N1	09-AUG-2006 13:23:45	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	23224	No
136	GOM_NL__2PRFIN20060809_132605_000000302050_00124_23224_0591.N1	09-AUG-2006 13:26:05	Bright	30.000	107	37The Aur	2.6490	11000.	60	23224	No
137	GOM_NL__2PRFIN20060809_133012_000000412050_00124_23224_0592.N1	09-AUG-2006 13:30:12	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	23224	No
138	GOM_NL__2PRFIN20060809_133500_000000482050_00124_23224_0593.N1	09-AUG-2006 13:35:00	Dark	47.500	14	58Alp Ori	0.87000	3000.0	95	23224	No
139	GOM_NL__2PRFIN20060809_133758_000000412050_00124_23224_0594.N1	09-AUG-2006 13:37:58	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	23224	No
140	GOM_NL__2PRFIN20060809_133920_000000382050_00124_23224_0595.N1	09-AUG-2006 13:39:20	Dark	37.500	125	44lot Ori	2.7700	30000.	75	23224	No
141	GOM_NL__2PRFIN20060809_134048_000000392050_00124_23224_0596.N1	09-AUG-2006 13:40:48	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	23224	No
142	GOM_NL__2PRFIN20060809_134243_000000382050_00124_23224_0597.N1	09-AUG-2006 13:42:43	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23224	No
143	GOM_NL__2PRFIN20060809_134448_000000332050_00124_23224_0598.N1	09-AUG-2006 13:44:48	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	23224	No
144	GOM_NL__2PRFIN20060809_140031_000000402050_00125_23225_0582.N1	09-AUG-2006 14:00:31	Dark	39.500	9	Alp Eri	0.45300	24000.	79	23225	No
145	GOM_NL__2PRFIN20060809_140648_000000342050_00125_23225_0583.N1	09-AUG-2006 14:06:48	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23225	No
146	GOM_NL__2PRFIN20060809_141018_000000382050_00125_23225_0584.N1	09-AUG-2006 14:10:18	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23225	No
147	GOM_NL__2PRFIN20060809_142819_000000302050_00125_23225_0585.N1	09-AUG-2006 14:28:19	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23225	No
148	GOM_NL__2PRFIN20060809_142959_000000282050_00125_23225_0586.N1	09-AUG-2006 14:29:59	Bright	28.000	168	17Zet Aql	2.9860	11000.	56	23225	No
149	GOM_NL__2PRFIN20060809_143707_000000322050_00125_23225_0587.N1	09-AUG-2006 14:37:07	Bright	32.000	5	3Alp Lyr	0.033000	11000.	64	23225	No
150	GOM_NL__2PRFIN20060809_143839_000000322050_00125_23225_0588.N1	09-AUG-2006 14:38:39	Bright	31.500	144	18Del Cyg	2.8600	11000.	63	23225	No
151	GOM_NL__2PRFIN20060809_145121_000000282050_00125_23225_0589.N1	09-AUG-2006 14:51:21	Bright	28.000	49	1Alp UMi	1.9900	6300.0	56	23225	No
152	GOM_NL__2PRFIN20060809_150421_000000312050_00125_23225_0590.N1	09-AUG-2006 15:04:21	Bright	30.500	42	34Bet Aur	1.9000	10200.	61	23225	No
153	GOM_NL__2PRFIN20060809_150641_000000302050_00125_23225_0591.N1	09-AUG-2006 15:06:41	Bright	29.500	107	37The Aur	2.6490	11000.	59	23225	No
154	GOM_NL__2PRFIN20060809_151048_000000412050_00125_23225_0592.N1	09-AUG-2006 15:10:48	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	23225	No
155	GOM_NL__2PRFIN20060809_151537_000000452050_00125_23225_0593.N1	09-AUG-2006 15:15:37	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	23225	No
156	GOM_NL__2PRFIN20060809_151834_000000402050_00125_23225_0594.N1	09-AUG-2006 15:18:34	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	23225	No
157	GOM_NL__2PRFIN20060809_151957_000000382050_00125_23225_0595.N1	09-AUG-2006 15:19:57	Dark	38.000	125	44lot Ori	2.7700	30000.	76	23225	No
158	GOM_NL__2PRFIN20060809_152124_000000372050_00125_23225_0596.N1	09-AUG-2006 15:21:24	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	23225	No
159	GOM_NL__2PRFIN20060809_152319_000000392050_00125_23225_0597.N1	09-AUG-2006 15:23:19	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	23225	No
160	GOM_NL__2PRFIN20060809_152525_000000322050_00125_23225_0598.N1	09-AUG-2006 15:25:25	Dark	31.500	177	1Zet CMa	3.0220	26000.	63	23225	No

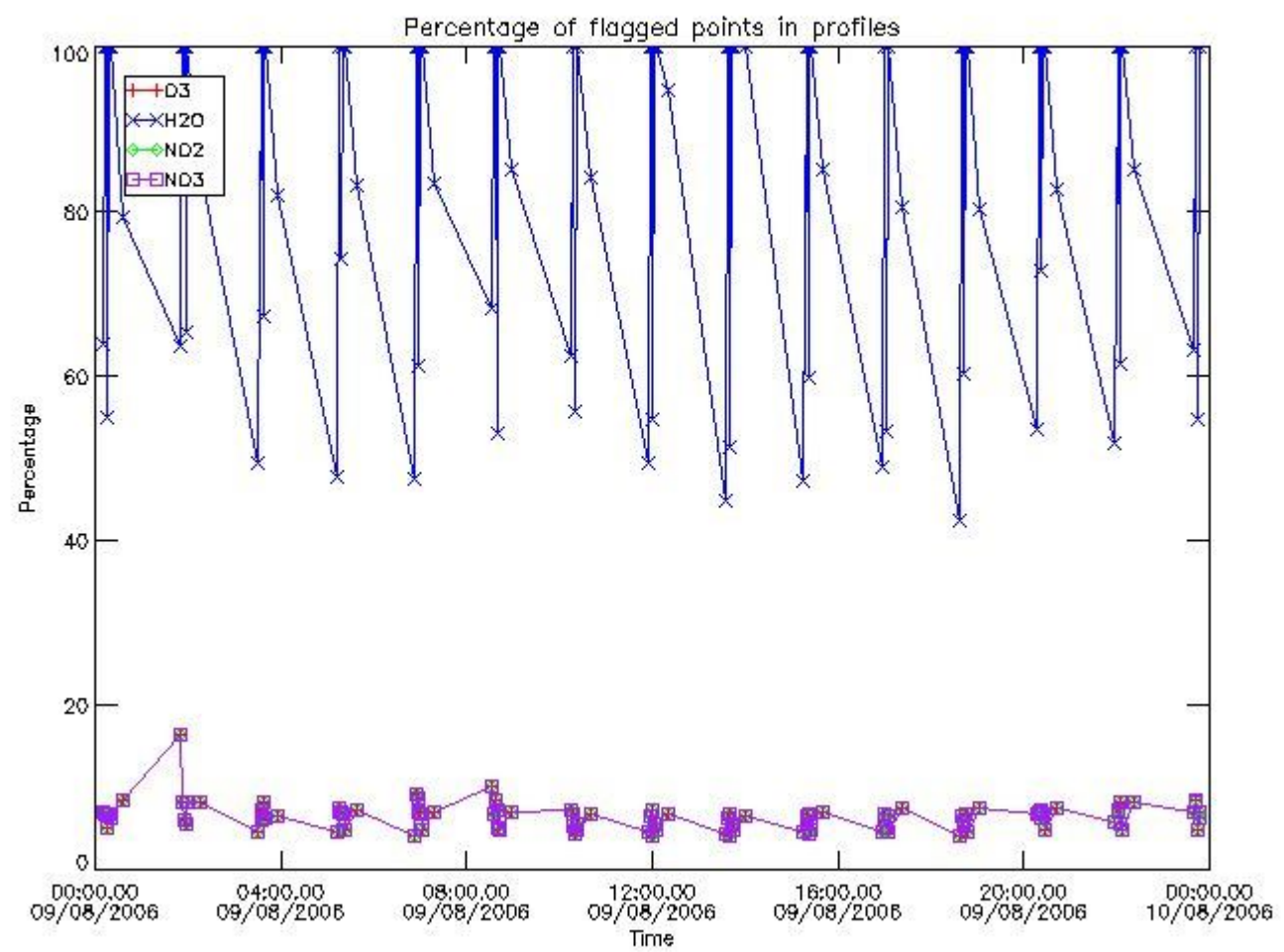
161	GOM_NL__2PRFIN20060809_154108_000000372050_00126_23226_0582.N1	09-AUG-2006 15:41:08	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23226	No
162	GOM_NL__2PRFIN20060809_154725_000000342050_00126_23226_0583.N1	09-AUG-2006 15:47:25	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23226	No
163	GOM_NL__2PRFIN20060809_155055_000000342050_00126_23226_0584.N1	09-AUG-2006 15:50:55	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	23226	No
164	GOM_NL__2PRFIN20060809_160855_000000332050_00126_23226_0585.N1	09-AUG-2006 16:08:55	Bright	32.500	11	53Alp Aql	0.76500	8000.0	65	23226	No
165	GOM_NL__2PRFIN20060809_161035_000000292050_00126_23226_0586.N1	09-AUG-2006 16:10:35	Bright	28.500	168	17Zet Aql	2.9860	11000.	57	23226	No
166	GOM_NL__2PRFIN20060809_161743_000000312050_00126_23226_0587.N1	09-AUG-2006 16:17:43	Bright	30.500	5	3Alp Lyr	0.033000	11000.	61	23226	No
167	GOM_NL__2PRFIN20060809_161915_000000292050_00126_23226_0588.N1	09-AUG-2006 16:19:15	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23226	No
168	GOM_NL__2PRFIN20060809_163157_000000302050_00126_23226_0589.N1	09-AUG-2006 16:31:57	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23226	No
169	GOM_NL__2PRFIN20060809_164457_000000322050_00126_23226_0590.N1	09-AUG-2006 16:44:57	Bright	32.000	42	34Bet Aur	1.9000	10200.	64	23226	No
170	GOM_NL__2PRFIN20060809_164717_000000312050_00126_23226_0591.N1	09-AUG-2006 16:47:17	Bright	30.500	107	37The Aur	2.6490	11000.	61	23226	No
171	GOM_NL__2PRFIN20060809_165124_000000392050_00126_23226_0592.N1	09-AUG-2006 16:51:24	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	23226	No
172	GOM_NL__2PRFIN20060809_165613_000000462050_00126_23226_0593.N1	09-AUG-2006 16:56:13	Dark	45.500	14	58Alp Ori	0.87000	3000.0	91	23226	No
173	GOM_NL__2PRFIN20060809_165911_000000422050_00126_23226_0594.N1	09-AUG-2006 16:59:11	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	23226	No
174	GOM_NL__2PRFIN20060809_170033_000000382050_00126_23226_0595.N1	09-AUG-2006 17:00:33	Dark	37.500	125	44Iot Ori	2.7700	30000.	75	23226	No
175	GOM_NL__2PRFIN20060809_170200_000000402050_00126_23226_0596.N1	09-AUG-2006 17:02:00	Dark	40.000	1	9Alp CMa	-1.4400	11000.	80	23226	No
176	GOM_NL__2PRFIN20060809_170356_000000392050_00126_23226_0597.N1	09-AUG-2006 17:03:56	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	23226	No
177	GOM_NL__2PRFIN20060809_170601_000000342050_00126_23226_0598.N1	09-AUG-2006 17:06:01	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23226	No
178	GOM_NL__2PRFIN20060809_172145_000000422050_00127_23227_0582.N1	09-AUG-2006 17:21:45	Dark	41.500	9	Alp Eri	0.45300	24000.	83	23227	No
179	GOM_NL__2PRFIN20060809_172801_000000352050_00127_23227_0583.N1	09-AUG-2006 17:28:01	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23227	No
180	GOM_NL__2PRFIN20060809_173131_000000412050_00127_23227_0584.N1	09-AUG-2006 17:31:31	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	23227	No
181	GOM_NL__2PRFIN20060809_174931_000000302050_00127_23227_0585.N1	09-AUG-2006 17:49:31	Bright	29.500	11	53Alp Aql	0.76500	8000.0	59	23227	No
182	GOM_NL__2PRFIN20060809_175111_000000292050_00127_23227_0586.N1	09-AUG-2006 17:51:11	Bright	28.500	168	17Zet Aql	2.9860	11000.	57	23227	No
183	GOM_NL__2PRFIN20060809_175819_000000312050_00127_23227_0587.N1	09-AUG-2006 17:58:19	Bright	31.000	5	3Alp Lyr	0.033000	11000.	62	23227	No
184	GOM_NL__2PRFIN20060809_175951_000000312050_00127_23227_0588.N1	09-AUG-2006 17:59:51	Bright	30.500	144	18Del Cyg	2.8600	11000.	61	23227	No
185	GOM_NL__2PRFIN20060809_181233_000000312050_00127_23227_0589.N1	09-AUG-2006 18:12:33	Bright	30.500	49	1Alp UMi	1.9900	6300.0	61	23227	No
186	GOM_NL__2PRFIN20060809_182533_000000492050_00127_23227_0590.N1	09-AUG-2006 18:25:33	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	23227	No
187	GOM_NL__2PRFIN20060809_182753_000000302050_00127_23227_0591.N1	09-AUG-2006 18:27:53	Bright	30.000	107	37The Aur	2.6490	11000.	60	23227	No
188	GOM_NL__2PRFIN20060809_183200_000000402050_00127_23227_0592.N1	09-AUG-2006 18:32:00	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	23227	No
189	GOM_NL__2PRFIN20060809_183649_000000502050_00127_23227_0593.N1	09-AUG-2006 18:36:49	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	23227	No
190	GOM_NL__2PRFIN20060809_183947_000000392050_00127_23227_0594.N1	09-AUG-2006 18:39:47	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	23227	No
191	GOM_NL__2PRFIN20060809_184110_000000352050_00127_23227_0595.N1	09-AUG-2006 18:41:10	Dark	35.000	125	44Iot Ori	2.7700	30000.	70	23227	No
192	GOM_NL__2PRFIN20060809_184237_000000402050_00127_23227_0596.N1	09-AUG-2006 18:42:37	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	23227	No
193	GOM_NL__2PRFIN20060809_184432_000000382050_00127_23227_0597.N1	09-AUG-2006 18:44:32	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	23227	No
194	GOM_NL__2PRFIN20060809_184637_000000342050_00127_23227_0598.N1	09-AUG-2006 18:46:37	Dark	33.500	177	1Zet CMa	3.0220	26000.	67	23227	No
195	GOM_NL__2PRFIN20060809_190221_000000412050_00128_23228_0582.N1	09-AUG-2006 19:02:21	Dark	41.000	9	Alp Eri	0.45300	24000.	82	23228	No
196	GOM_NL__2PRFIN20060809_190838_000000332050_00128_23228_0583.N1	09-AUG-2006 19:08:38	Straylight	32.500	148	Alp Tuc	2.8780	4100.0	65	23228	No
197	GOM_NL__2PRFIN20060809_191207_000000352050_00128_23228_0584.N1	09-AUG-2006 19:12:07	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	23228	No
198	GOM_NL__2PRFIN20060809_193007_000000302050_00128_23228_0585.N1	09-AUG-2006 19:30:07	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23228	No
199	GOM_NL__2PRFIN20060809_193147_000000292050_00128_23228_0586.N1	09-AUG-2006 19:31:47	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23228	No
200	GOM_NL__2PRFIN20060809_193856_000000322050_00128_23228_0587.N1	09-AUG-2006 19:38:56	Bright	31.500	5	3Alp Lyr	0.033000	11000.	63	23228	No
201	GOM_NL__2PRFIN20060809_194027_000000292050_00128_23228_0588.N1	09-AUG-2006 19:40:27	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23228	No
202	GOM_NL__2PRFIN20060809_195309_000000312050_00128_23228_0589.N1	09-AUG-2006 19:53:09	Bright	30.500	49	1Alp UMi	1.9900	6300.0	61	23228	No
203	GOM_NL__2PRFIN20060809_200609_000000492050_00128_23228_0590.N1	09-AUG-2006 20:06:09	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	23228	No
204	GOM_NL__2PRFIN20060809_200829_000000302050_00128_23228_0591.N1	09-AUG-2006 20:08:29	Bright	30.000	107	37The Aur	2.6490	11000.	60	23228	No
205	GOM_NL__2PRFIN20060809_201236_000000482050_00128_23228_0592.N1	09-AUG-2006 20:12:36	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	23228	No
206	GOM_NL__2PRFIN20060809_201725_000000462050_00128_23228_0593.N1	09-AUG-2006 20:17:25	Dark	45.500	14	58Alp Ori	0.87000	3000.0	91	23228	No
207	GOM_NL__2PRFIN20060809_202024_000000372050_00128_23228_0594.N1	09-AUG-2006 20:20:24	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	23228	No
208	GOM_NL__2PRFIN20060809_202146_000000362050_00128_23228_0595.N1	09-AUG-2006 20:21:46	Dark	35.500	125	44Iot Ori	2.7700	30000.	71	23228	No
209	GOM_NL__2PRFIN20060809_202313_000000342050_00128_23228_0596.N1	09-AUG-2006 20:23:13	Dark	33.500	1	9Alp CMa	-1.4400	11000.	67	23228	No
210	GOM_NL__2PRFIN20060809_202509_000000382050_00128_23228_0597.N1	09-AUG-2006 20:25:09	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	23228	No
211	GOM_NL__2PRFIN20060809_202714_000000322050_00128_23228_0598.N1	09-AUG-2006 20:27:14	Dark	31.500	177	1Zet CMa	3.0220	26000.	63	23228	No
212	GOM_NL__2PRFIN20060809_204258_000000412050_00129_23229_0582.N1	09-AUG-2006 20:42:58	Dark	41.000	9	Alp Eri	0.45300	24000.	82	23229	No
213	GOM_NL__2PRFIN20060809_204914_000000322050_00129_23229_0583.N1	09-AUG-2006 20:49:14	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	23229	No
214	GOM_NL__2PRFIN20060809_205244_000000372050_00129_23229_0584.N1	09-AUG-2006 20:52:44	Straylight	36.500	31	Alp Gru	1.7340	15200.	73	23229	No
215	GOM_NL__2PRFIN20060809_211043_000000312050_00129_23229_0585.N1	09-AUG-2006 21:10:43	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23229	No
216	GOM_NL__2PRFIN20060809_211224_000000292050_00129_23229_0586.N1	09-AUG-2006 21:12:24	Bright	29.000	168	17Zet Aql	2.9860	11000.	58	23229	No
217	GOM_NL__2PRFIN20060809_211932_000000292050_00129_23229_0587.N1	09-AUG-2006 21:19:32	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23229	No
218	GOM_NL__2PRFIN20060809_212103_000000302050_00129_23229_0588.N1	09-AUG-2006 21:21:03	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23229	No
219	GOM_NL__2PRFIN20060809_213345_000000342050_00129_23229_0589.N1	09-AUG-2006 21:33:45	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	23229	No

220	GOM_NL__2PRFIN20060809_214645_000000302050_00129_23229_0590.N1	09-AUG-2006 21:46:45	Bright	30.000	42	34Bet Aur	1.9000	10200.	60	23229	No
221	GOM_NL__2PRFIN20060809_214905_000000342050_00129_23229_0591.N1	09-AUG-2006 21:49:05	Bright	34.000	107	37The Aur	2.6490	11000.	68	23229	No
222	GOM_NL__2PRFIN20060809_215312_000000422050_00129_23229_0592.N1	09-AUG-2006 21:53:12	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	23229	No
223	GOM_NL__2PRFIN20060809_215802_000000452050_00129_23229_0593.N1	09-AUG-2006 21:58:02	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	23229	No
224	GOM_NL__2PRFIN20060809_220100_000000372050_00129_23229_0594.N1	09-AUG-2006 22:01:00	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	23229	No
225	GOM_NL__2PRFIN20060809_220222_000000362050_00129_23229_0595.N1	09-AUG-2006 22:02:22	Dark	35.500	125	44Iot Ori	2.7700	30000.	71	23229	No
226	GOM_NL__2PRFIN20060809_220349_000000382050_00129_23229_0596.N1	09-AUG-2006 22:03:49	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	23229	No
227	GOM_NL__2PRFIN20060809_220545_000000382050_00129_23229_0597.N1	09-AUG-2006 22:05:45	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	23229	No
228	GOM_NL__2PRFIN20060809_220750_000000322050_00129_23229_0598.N1	09-AUG-2006 22:07:50	Dark	32.000	177	1Zet CMa	3.0220	26000.	64	23229	No
229	GOM_NL__2PRFIN20060809_222334_000000372050_00130_23230_0582.N1	09-AUG-2006 22:23:34	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23230	No
230	GOM_NL__2PRFIN20060809_222950_000000412050_00130_23230_0583.N1	09-AUG-2006 22:29:50	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	23230	No
231	GOM_NL__2PRFIN20060809_223320_000000392050_00130_23230_0584.N1	09-AUG-2006 22:33:20	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23230	No
232	GOM_NL__2PRFIN20060809_225119_000000302050_00130_23230_0585.N1	09-AUG-2006 22:51:19	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23230	No
233	GOM_NL__2PRFIN20060809_225259_000000302050_00130_23230_0586.N1	09-AUG-2006 22:52:59	Bright	29.500	168	17Zet Aql	2.9860	11000.	59	23230	No
234	GOM_NL__2PRFIN20060809_230008_000000322050_00130_23230_0587.N1	09-AUG-2006 23:00:08	Bright	31.500	5	3Alp Lyr	0.033000	11000.	63	23230	No
235	GOM_NL__2PRFIN20060809_230138_000000302050_00130_23230_0588.N1	09-AUG-2006 23:01:38	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23230	No
236	GOM_NL__2PRFIN20060809_231421_000000262050_00130_23230_0589.N1	09-AUG-2006 23:14:21	Bright	26.000	49	1Alp UMi	1.9900	6300.0	52	23230	No
237	GOM_NL__2PRFIN20060809_232721_000000312050_00130_23230_0590.N1	09-AUG-2006 23:27:21	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	23230	No
238	GOM_NL__2PRFIN20060809_232941_000000432050_00130_23230_0591.N1	09-AUG-2006 23:29:41	Bright	43.000	107	37The Aur	2.6490	11000.	86	23230	No
239	GOM_NL__2PRFIN20060809_233348_000000442050_00130_23230_0592.N1	09-AUG-2006 23:33:48	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	23230	No
240	GOM_NL__2PRFIN20060809_233838_000000372050_00130_23230_0593.N1	09-AUG-2006 23:38:38	Dark	37.000	14	58Alp Ori	0.87000	3000.0	74	23230	No
241	GOM_NL__2PRFIN20060809_234141_000000382050_00130_23230_0594.N1	09-AUG-2006 23:41:41	Dark	37.500	33	50Zet Ori	1.7660	30000.	75	23230	No
242	GOM_NL__2PRFIN20060809_234259_000000362050_00130_23230_0595.N1	09-AUG-2006 23:42:59	Dark	36.000	125	44Iot Ori	2.7700	30000.	72	23230	No
243	GOM_NL__2PRFIN20060809_234425_000000442050_00130_23230_0596.N1	09-AUG-2006 23:44:25	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	23230	No
244	GOM_NL__2PRFIN20060809_234621_000000372050_00130_23230_0597.N1	09-AUG-2006 23:46:21	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	23230	No
245	GOM_NL__2PRFIN20060809_234826_000000332050_00130_23230_0598.N1	09-AUG-2006 23:48:26	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	23230	No

3. Quality information per product

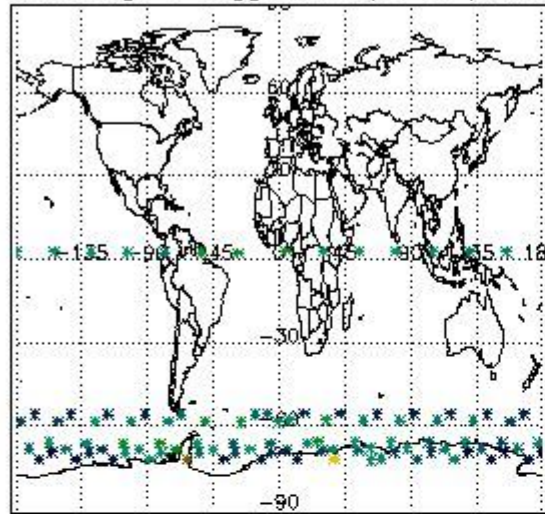
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

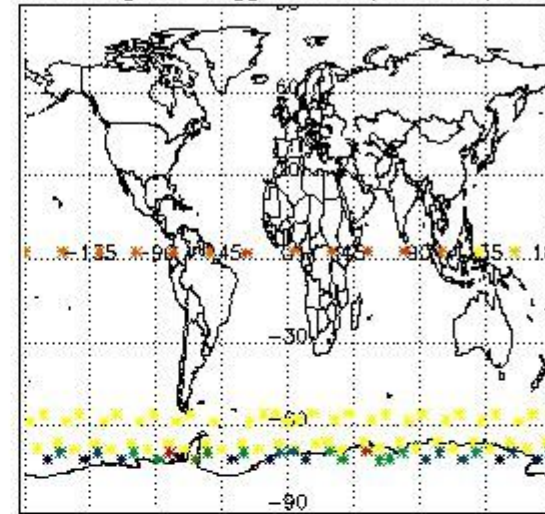


3.2 Plot quality information per product (world map)

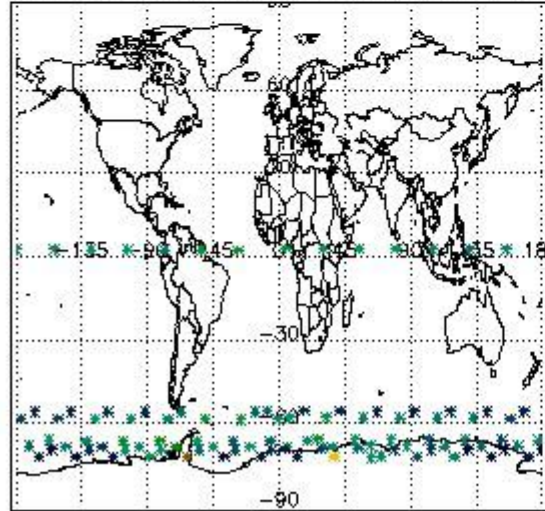
Percentage of flagged data per O3 profile



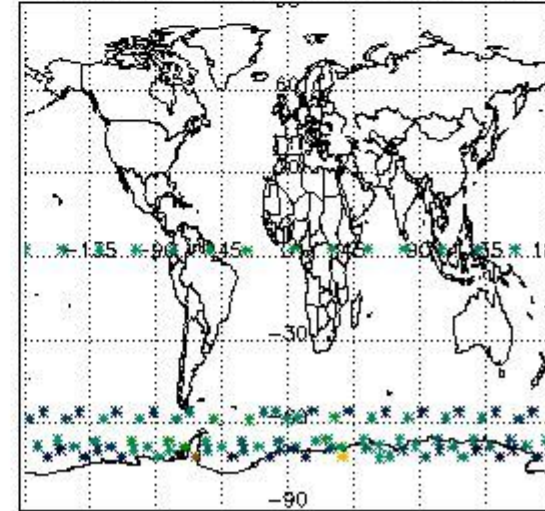
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

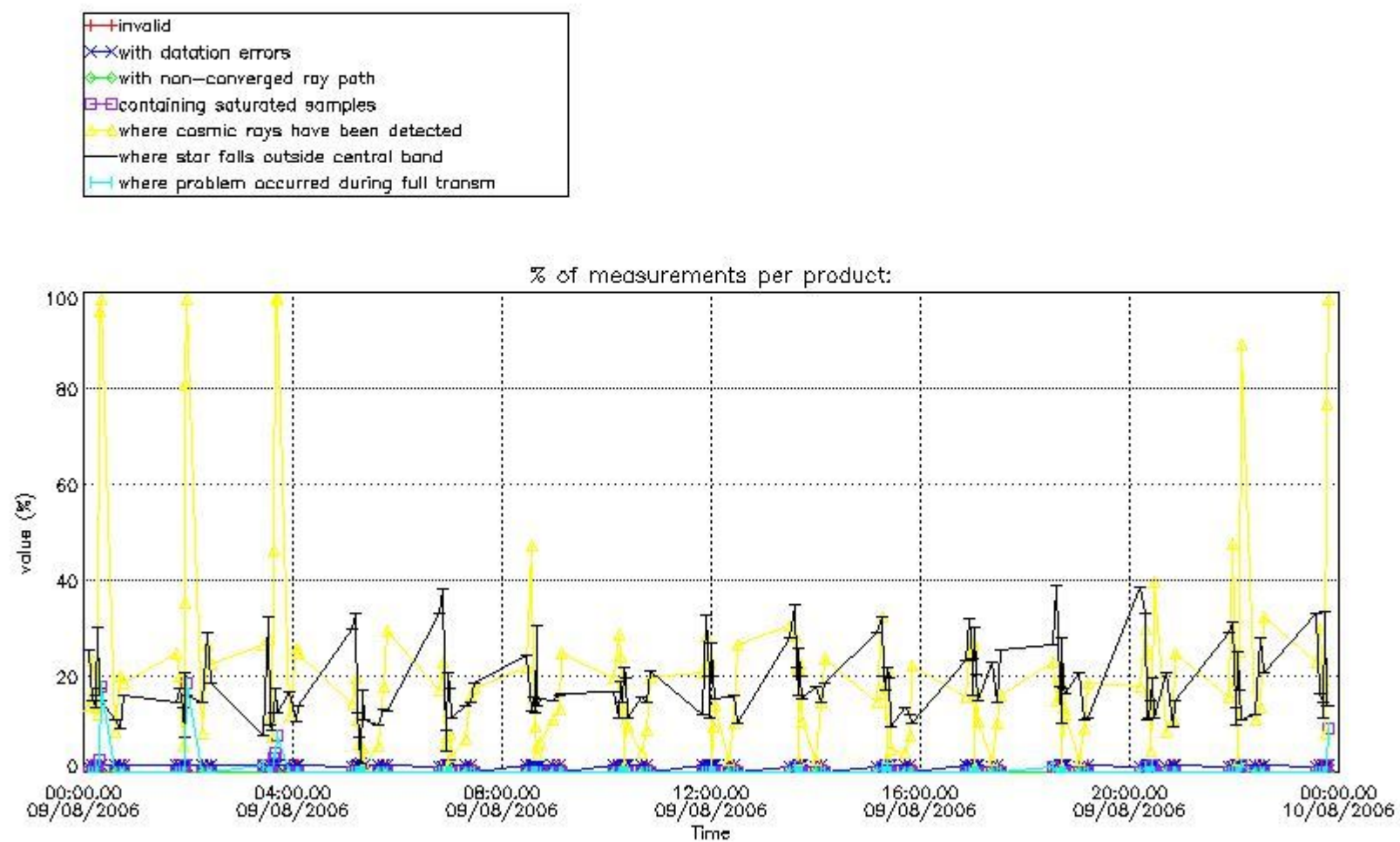


4. Level 1 quality information per product

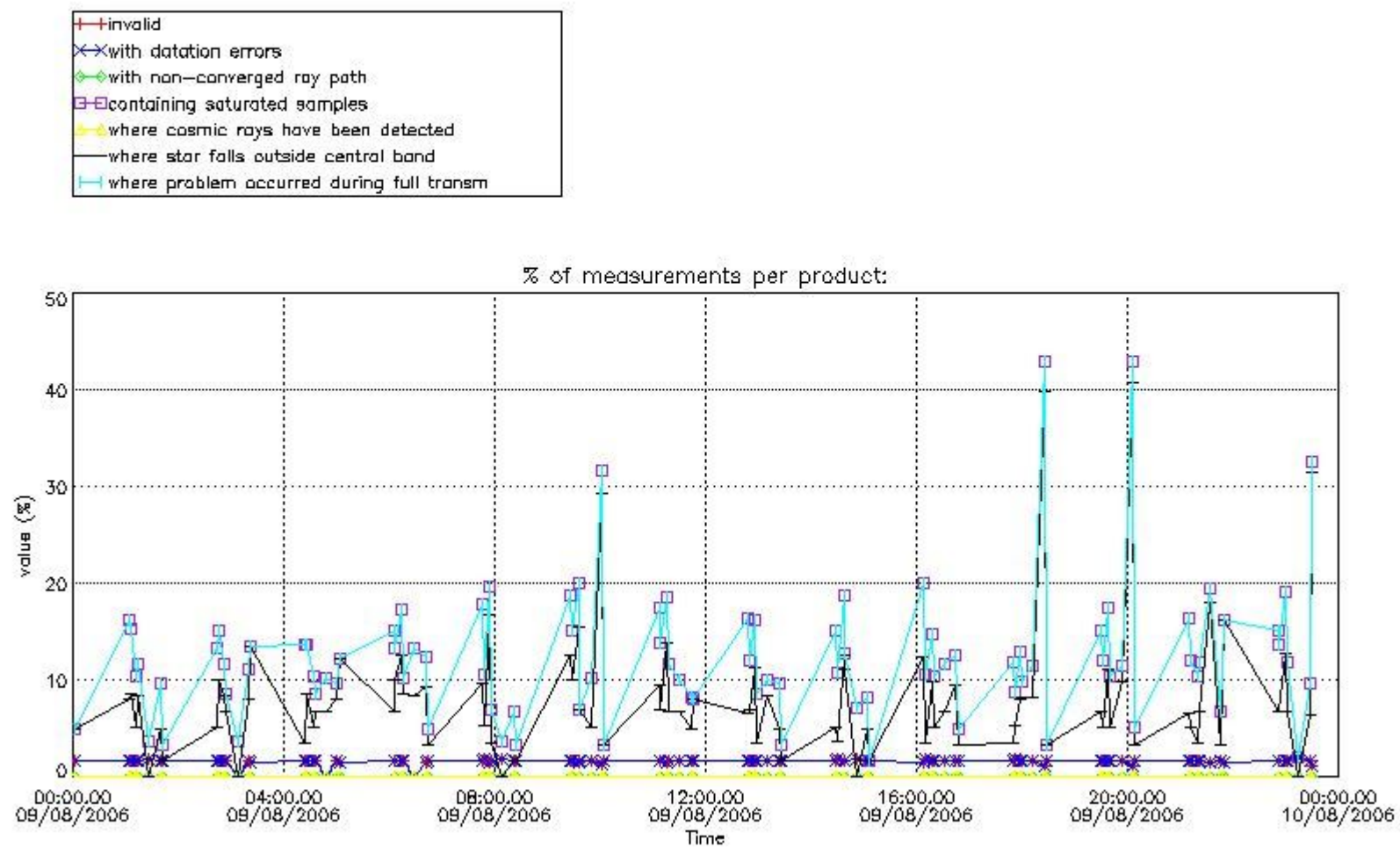
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

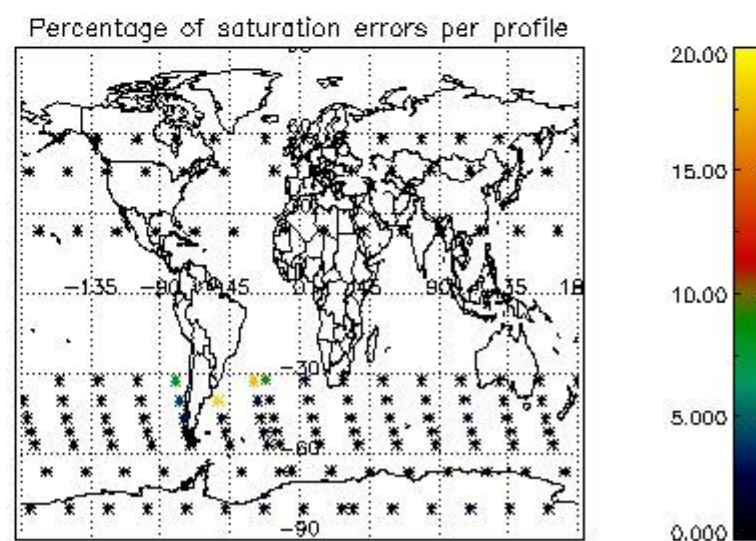
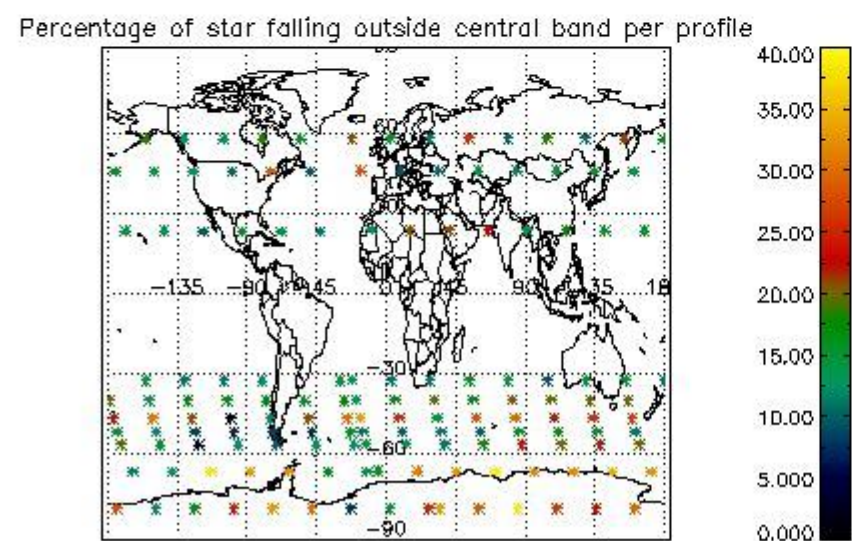
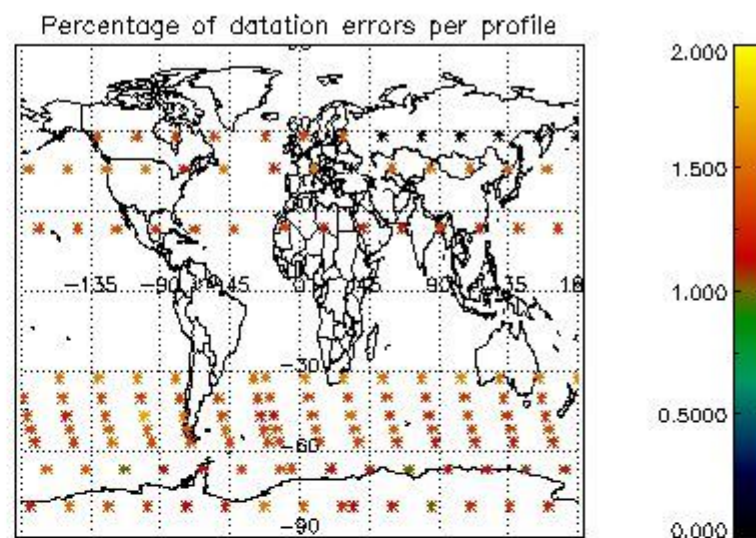
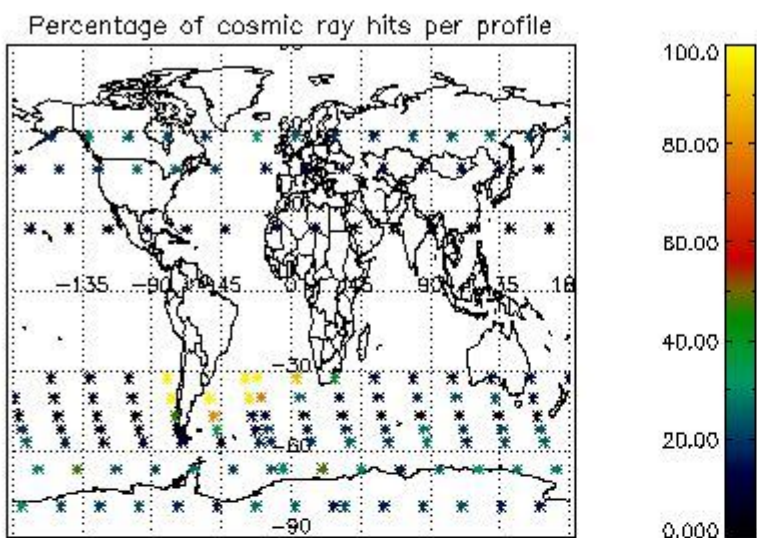


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

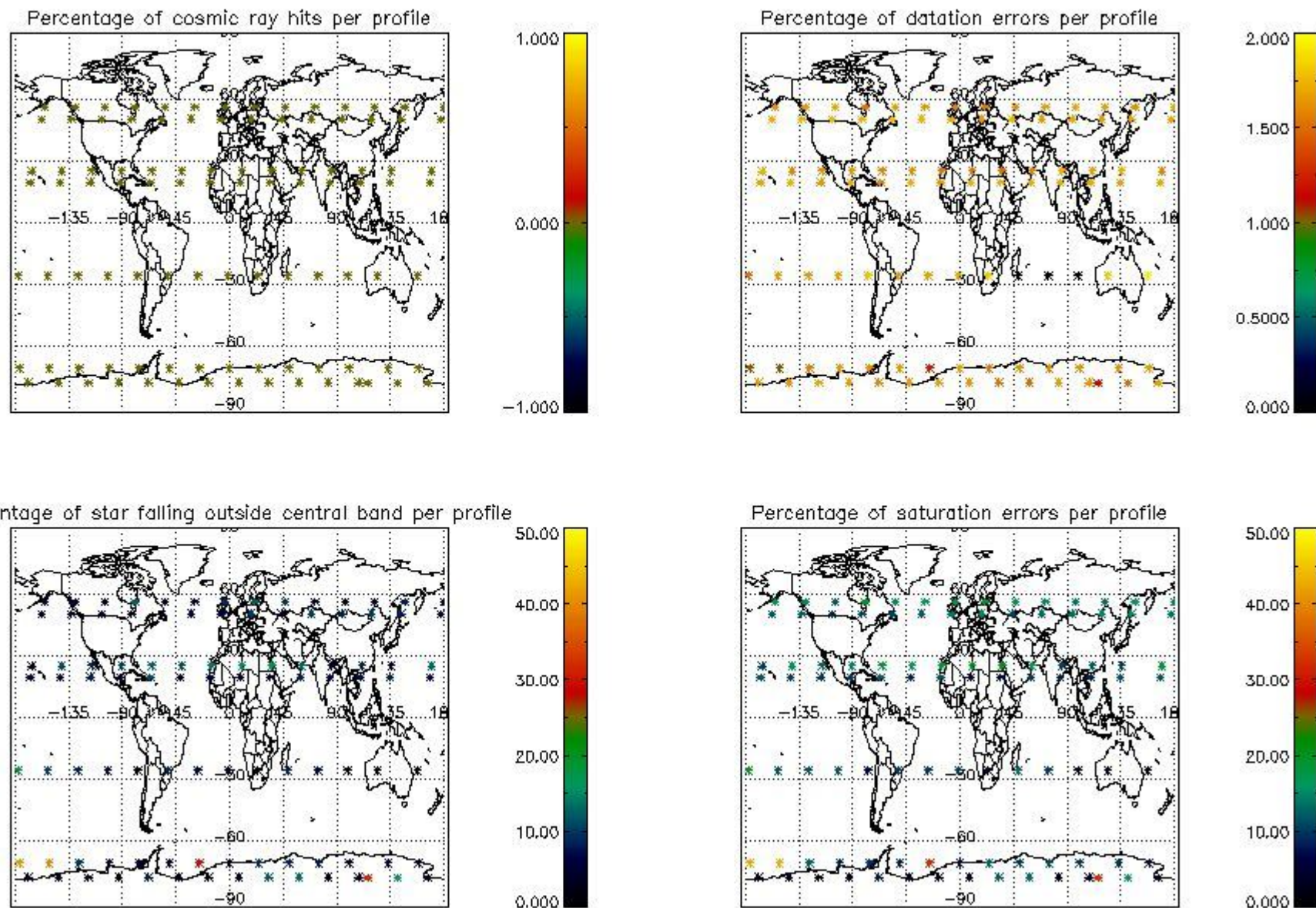


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

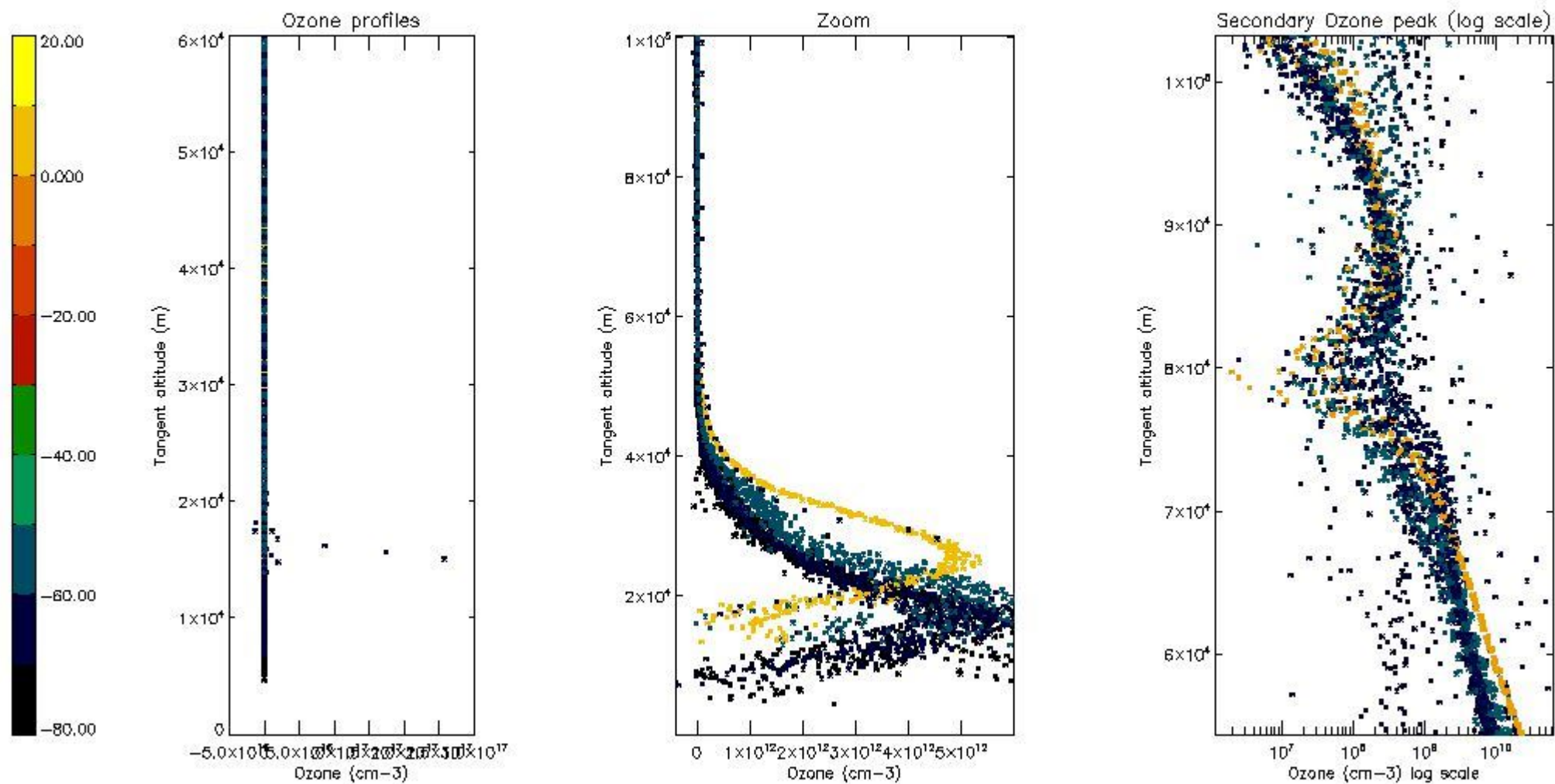
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	30

STD < 10	25
STD < 5	18

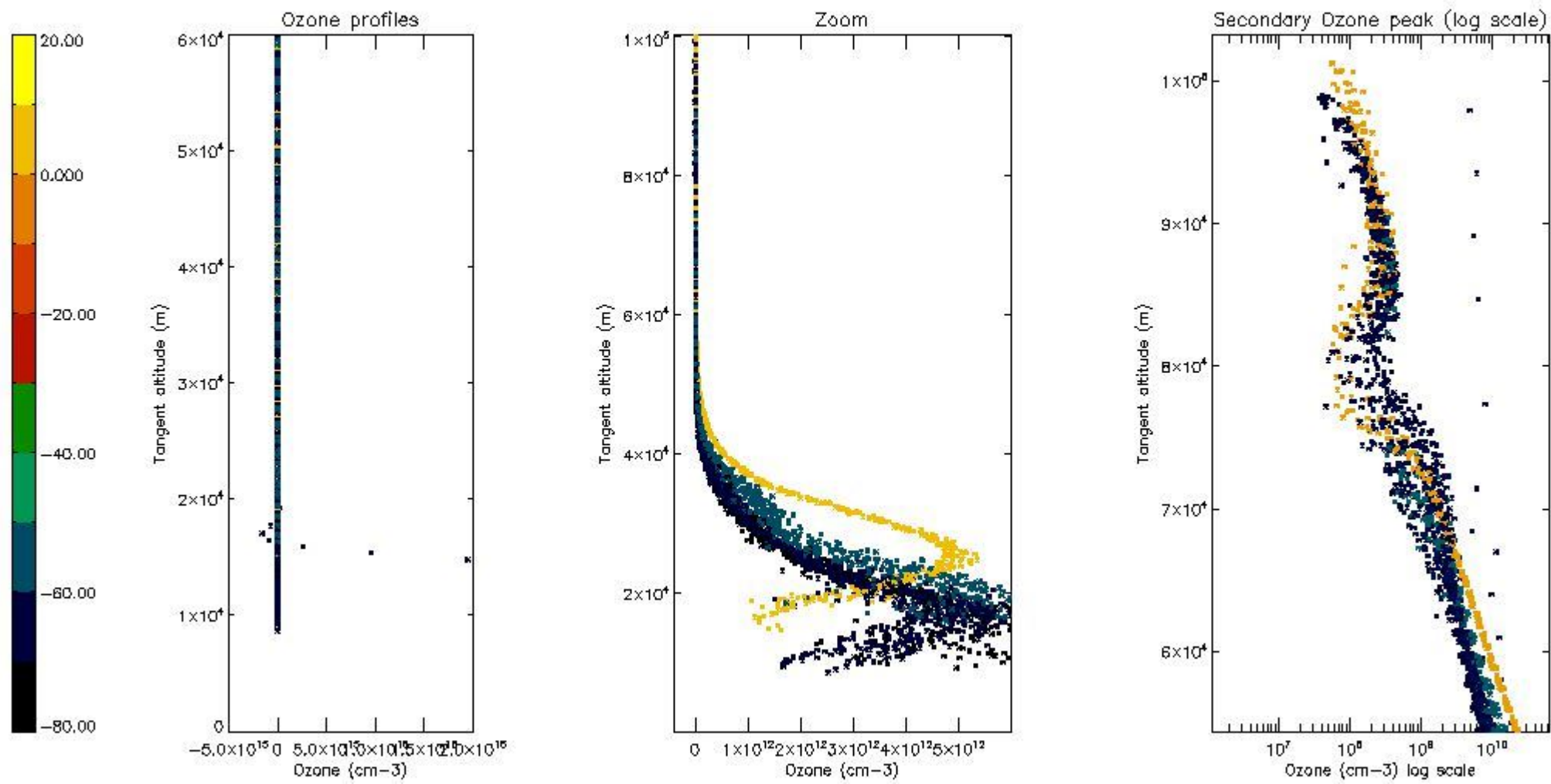
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



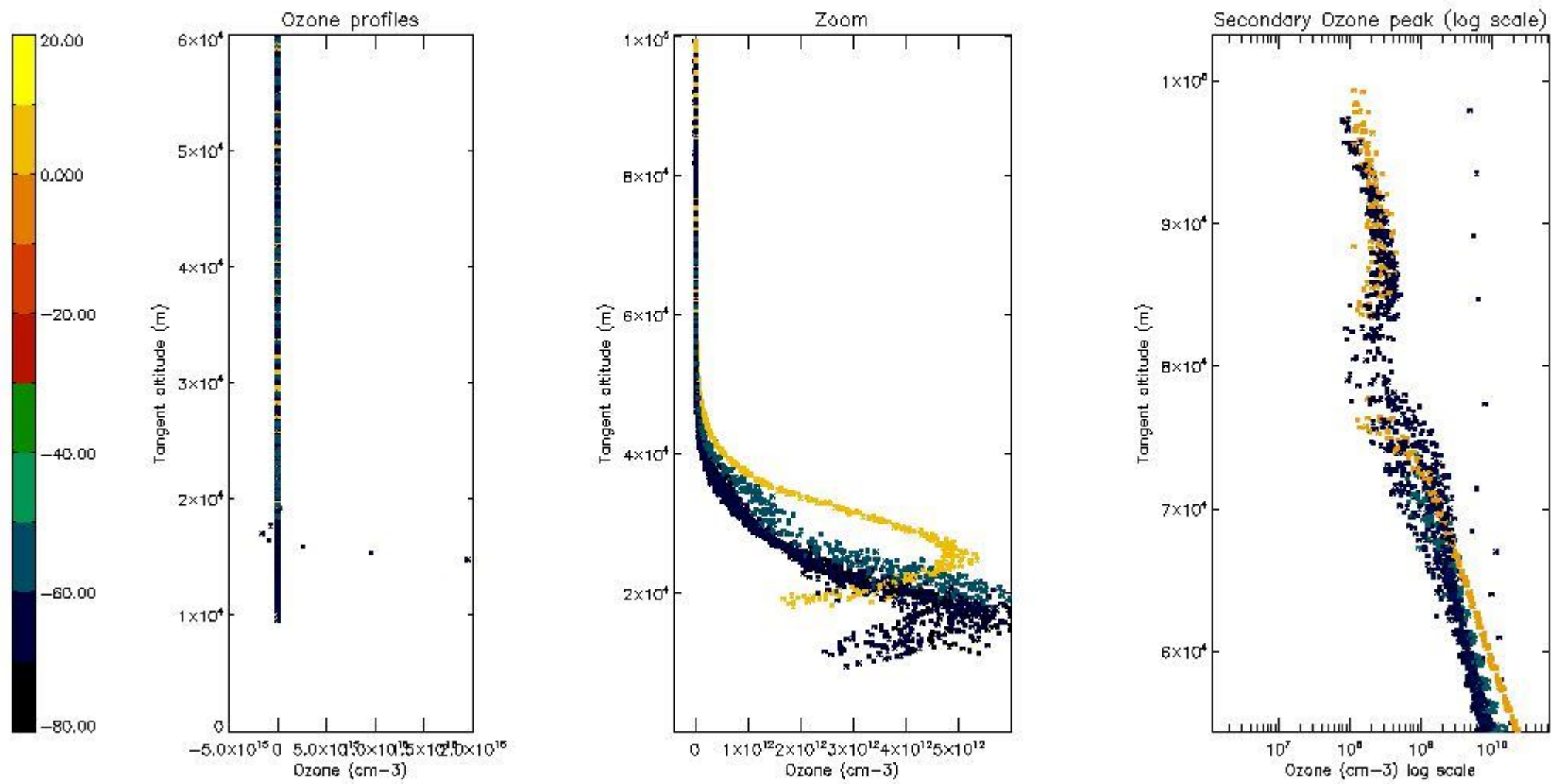
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



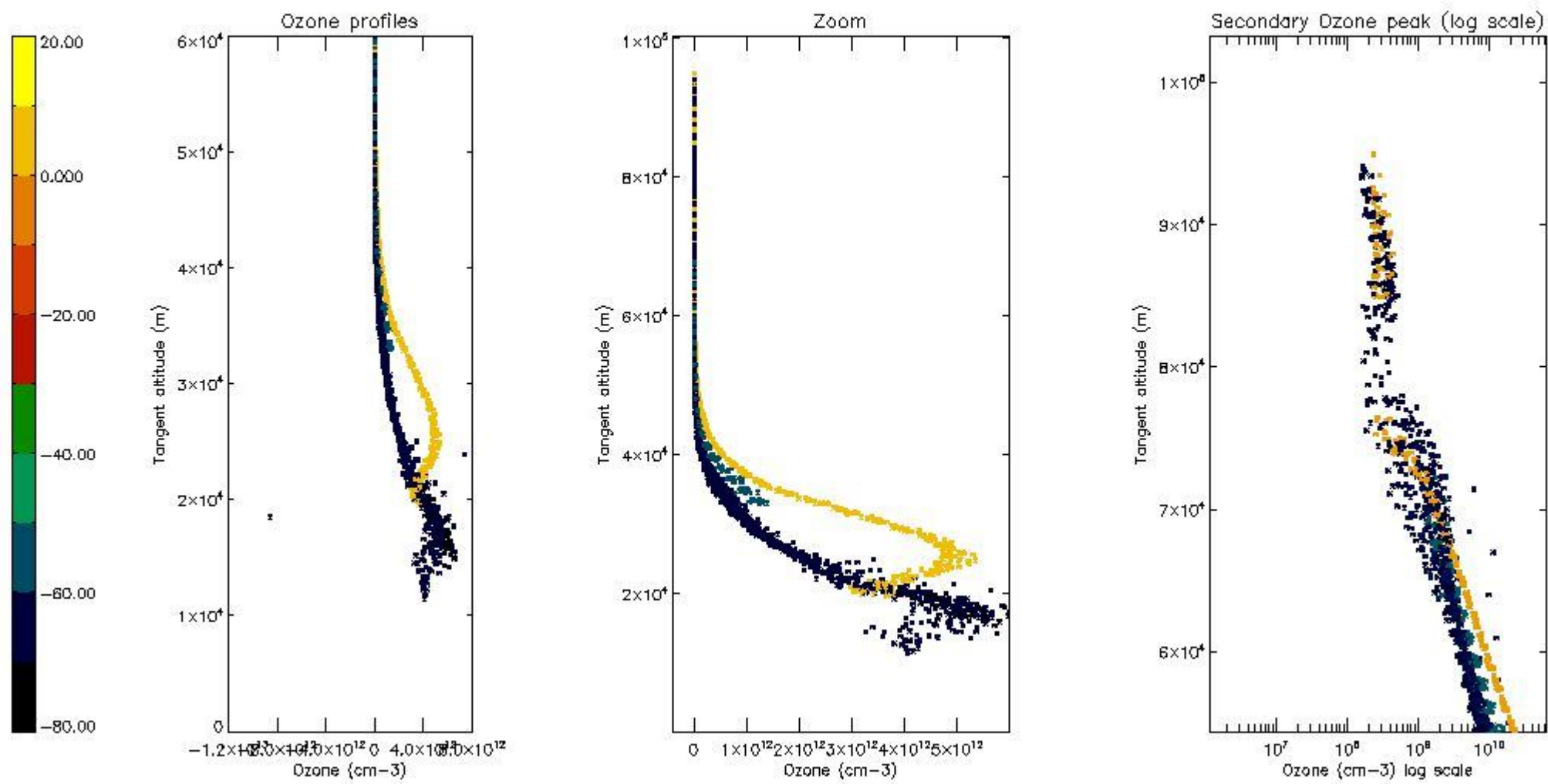
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



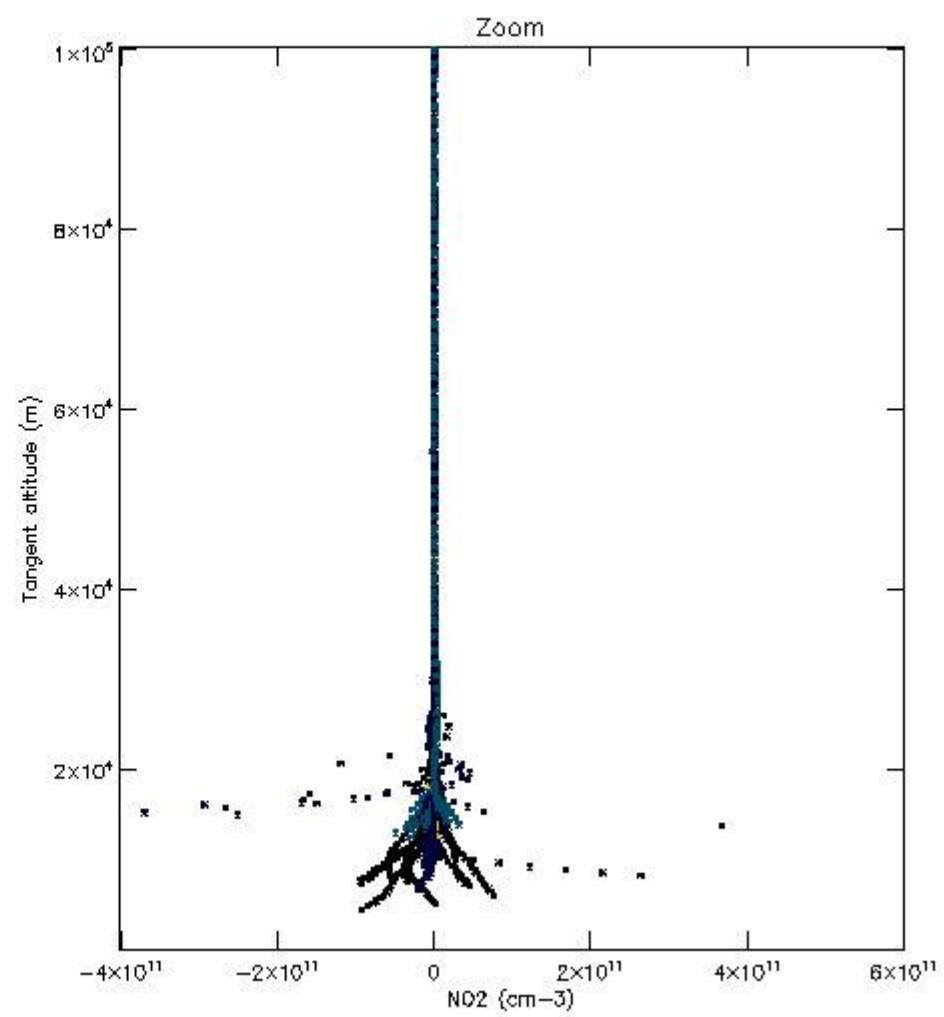
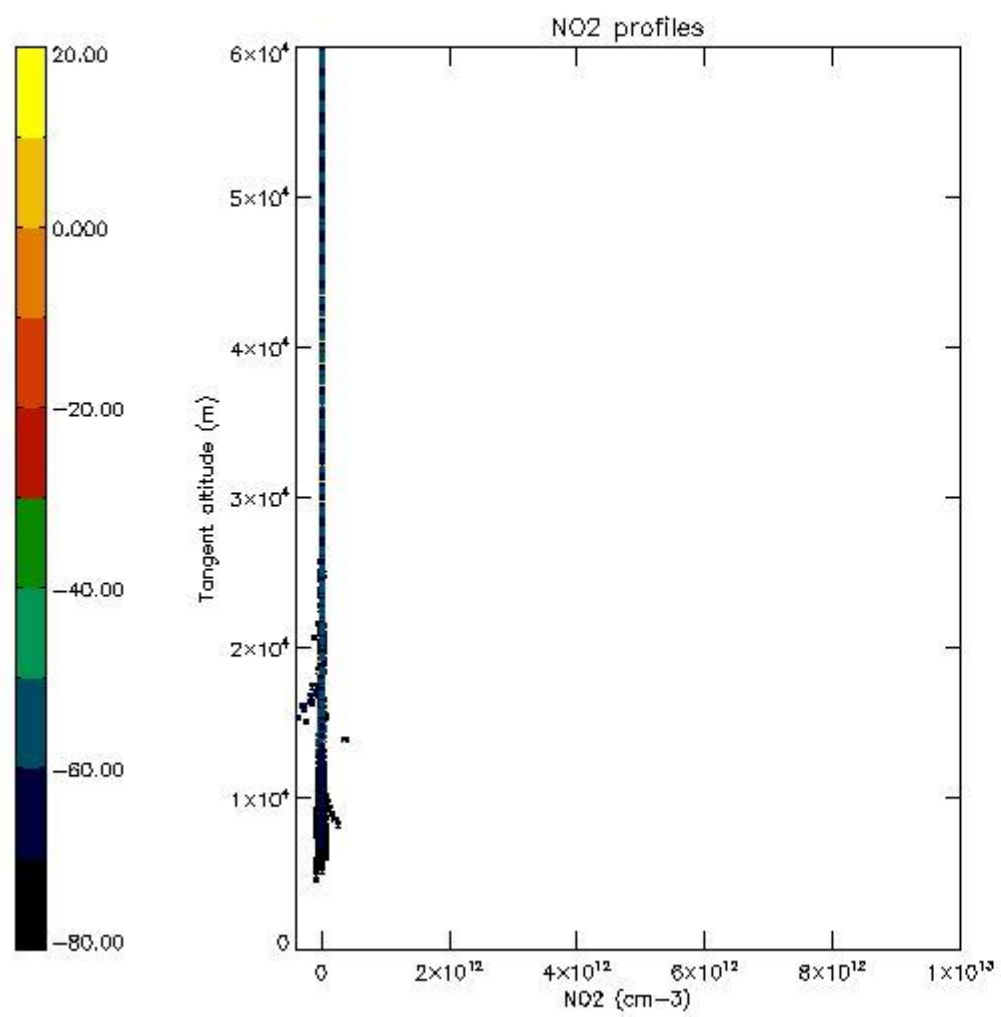
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



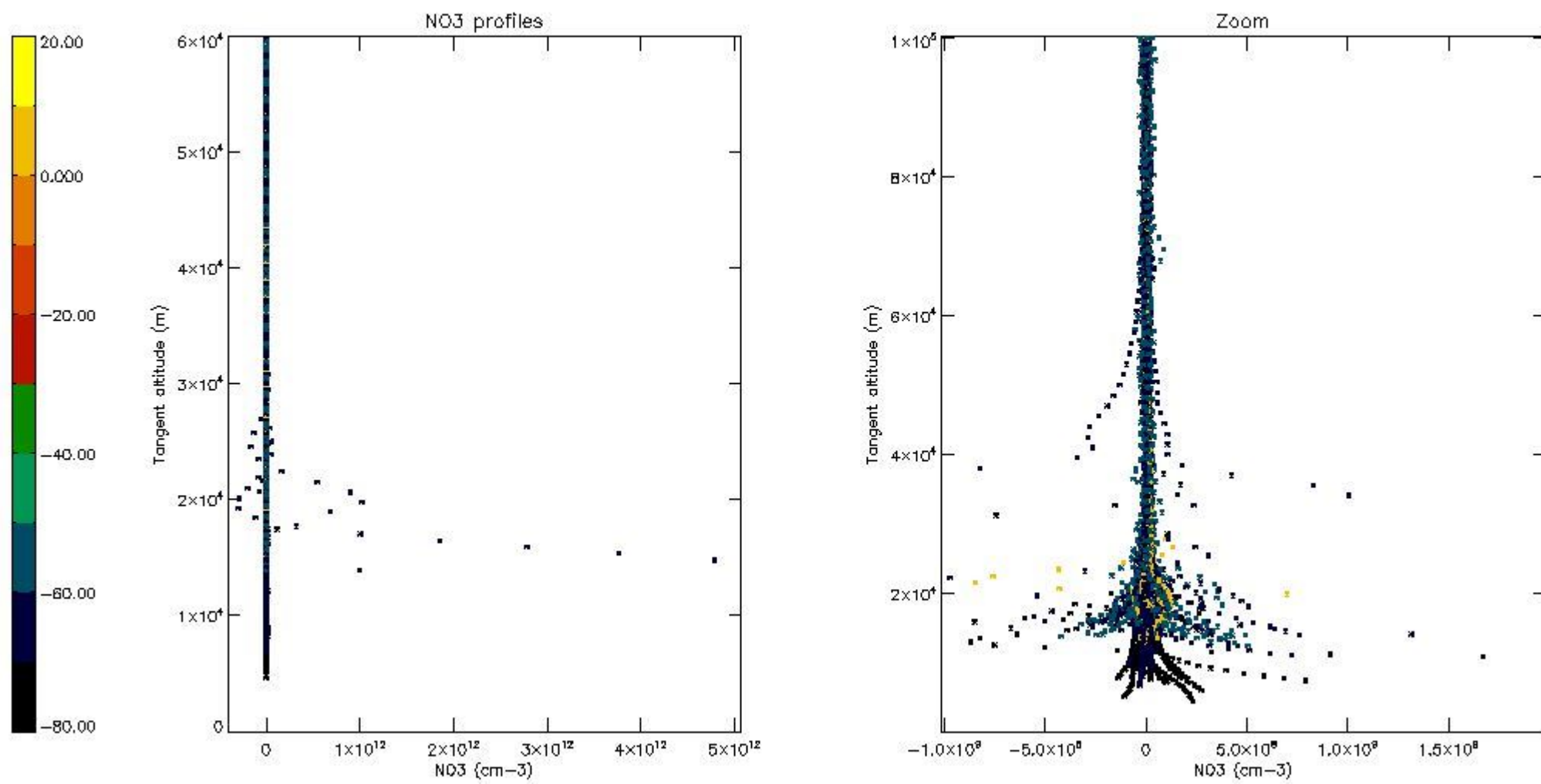
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



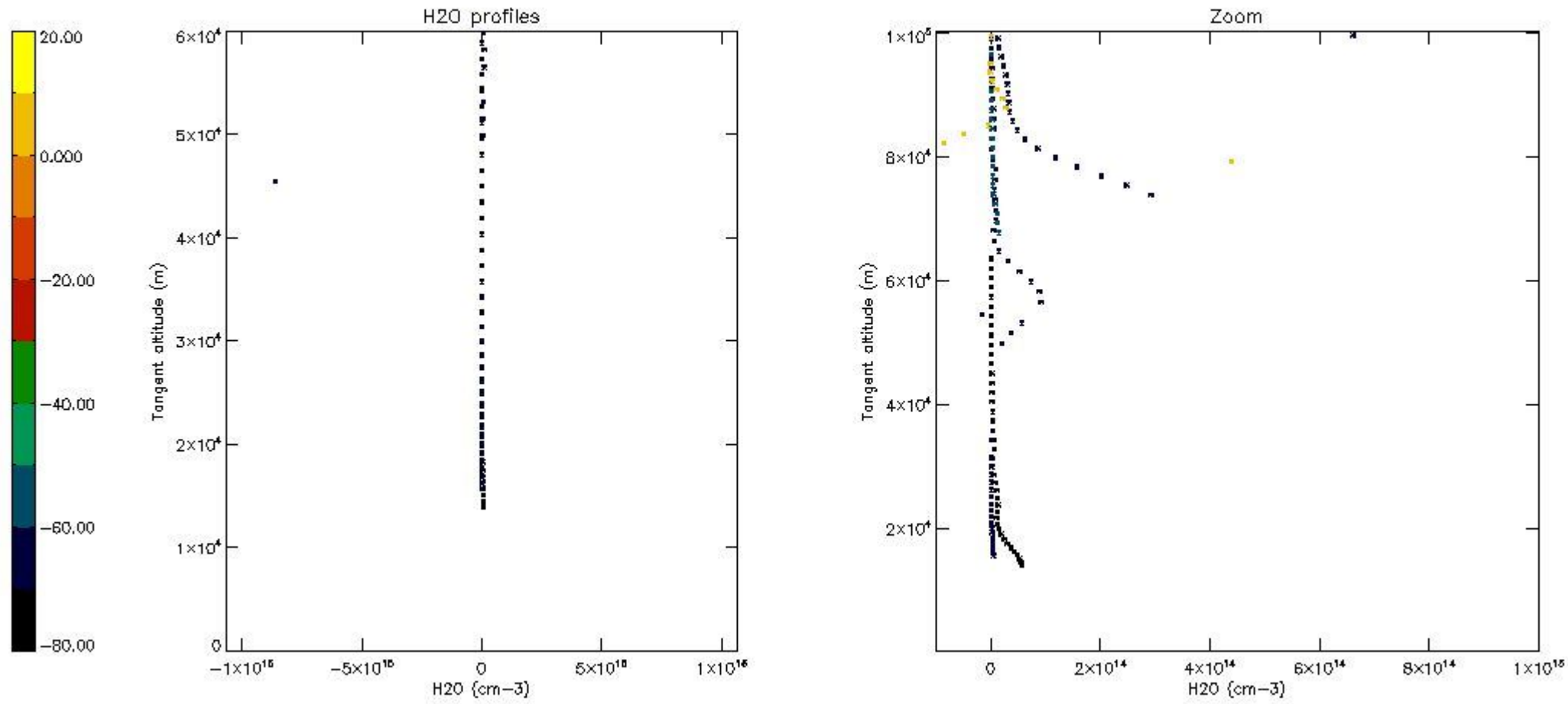
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

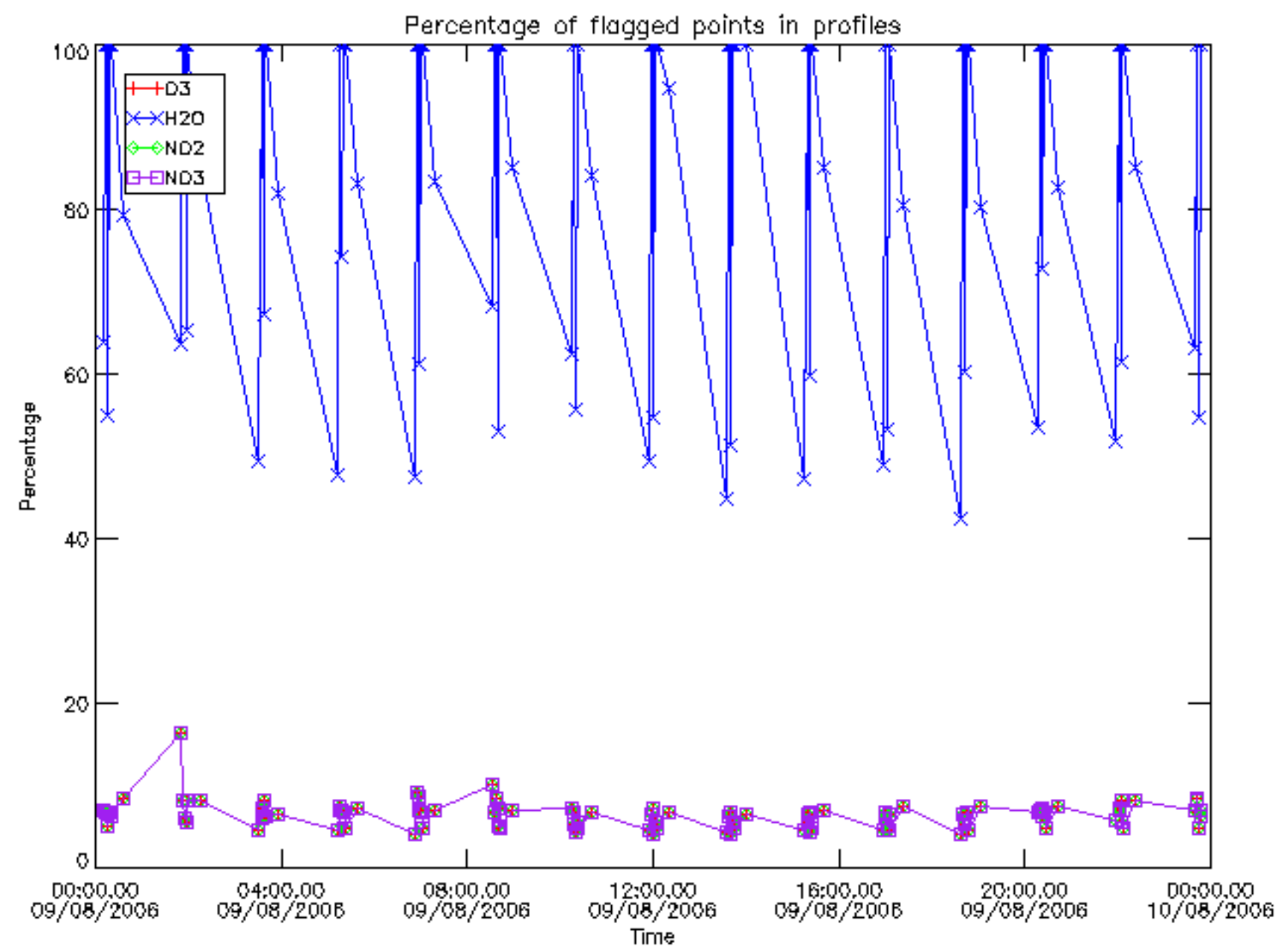
The colorbar represents the latitude.



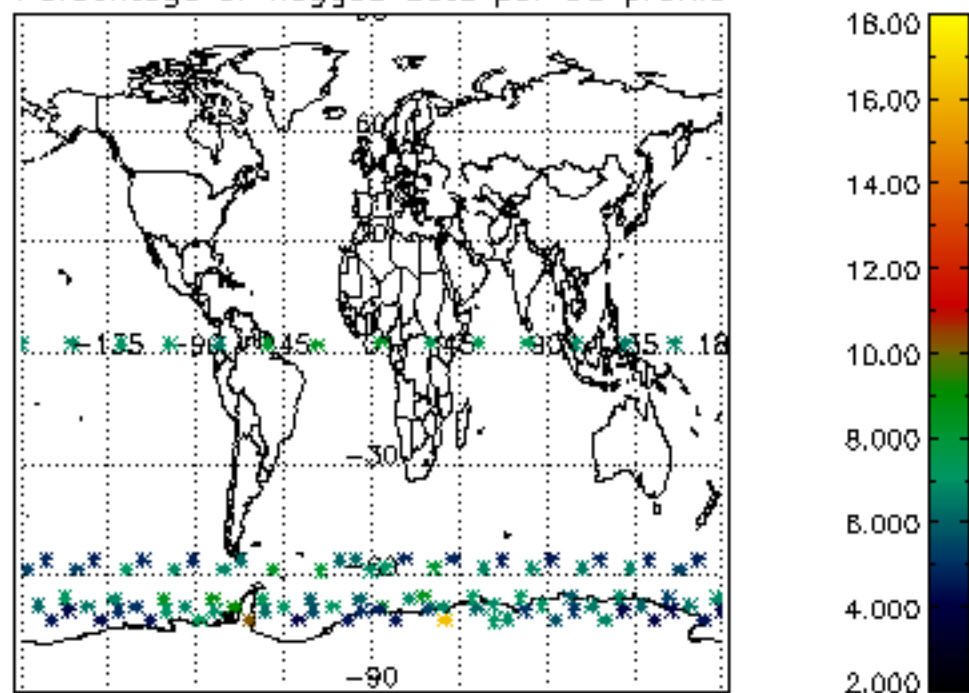
6. Auxiliary Data Files used for the production reported in section 2

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.

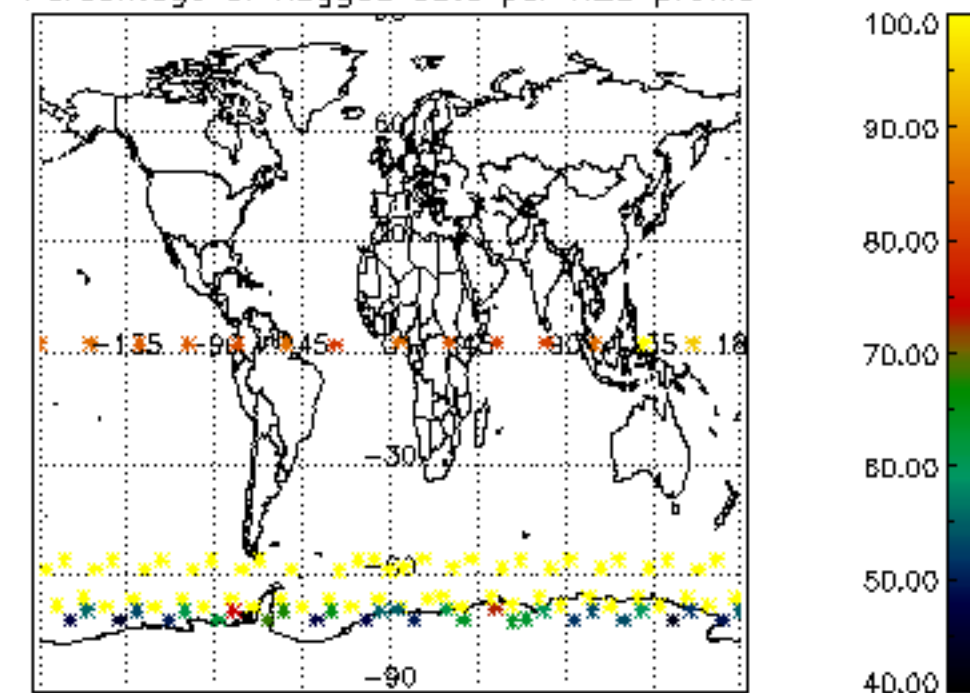
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-AUG-2006 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-AUG-2006 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-AUG-2006 00:01:17



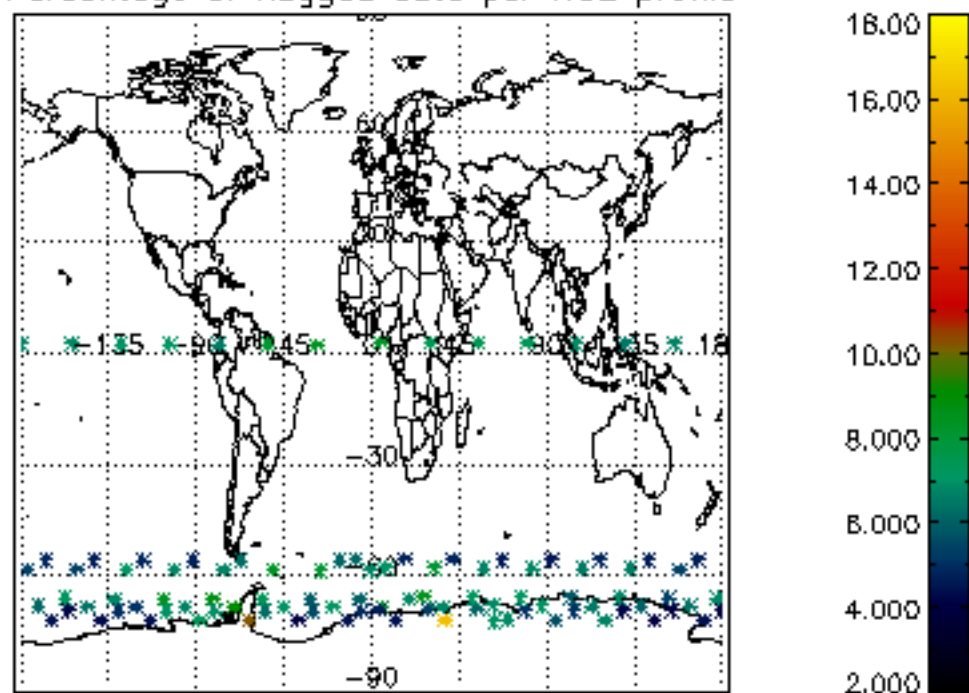
Percentage of flagged data per D3 profile



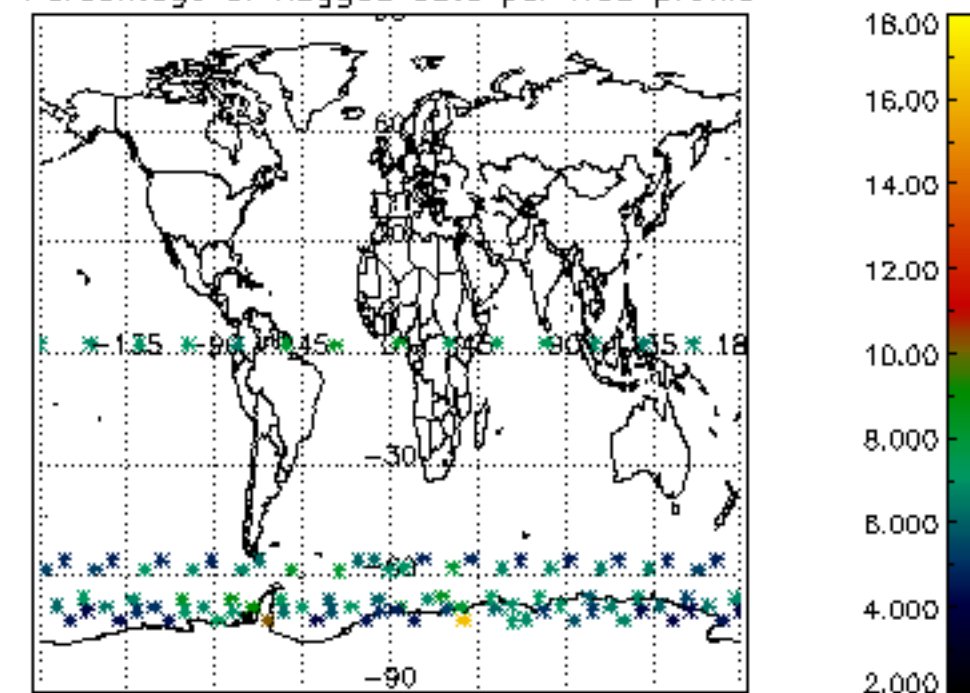
Percentage of flagged data per H2O profile

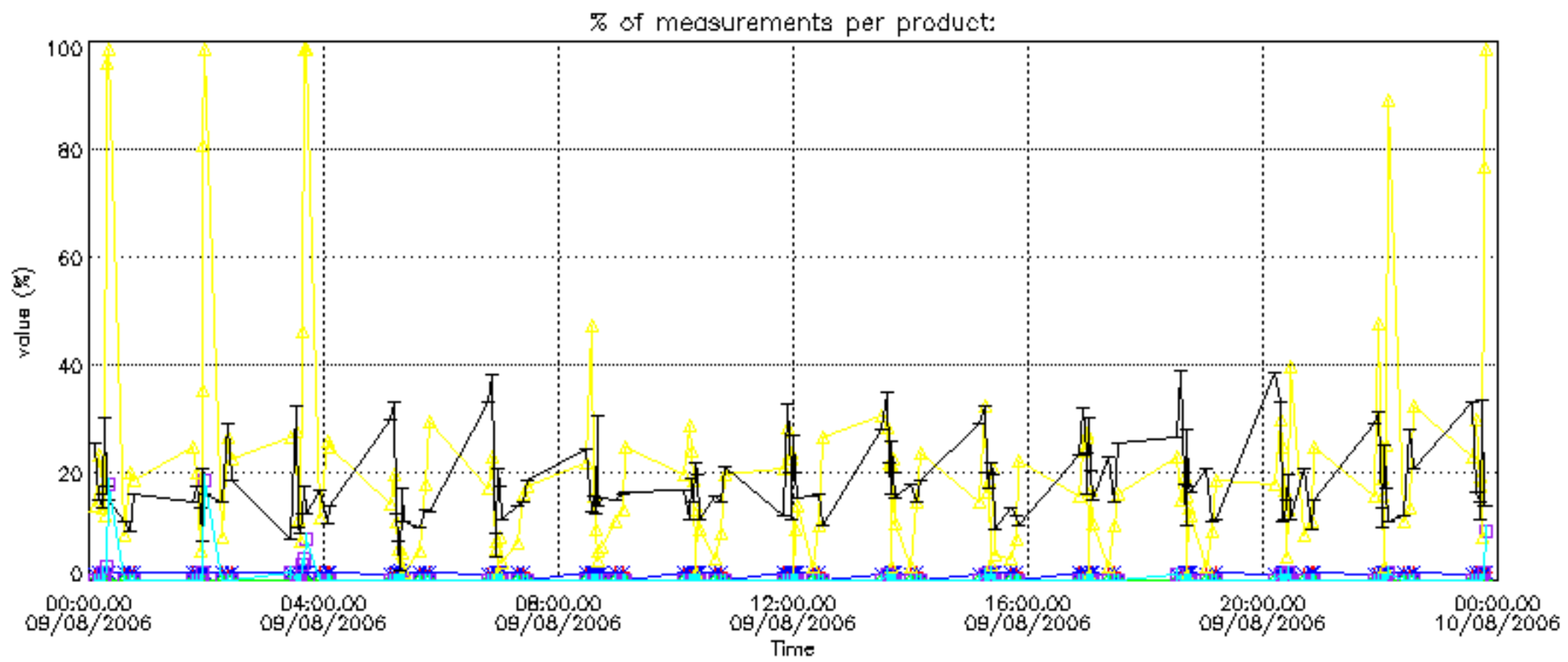


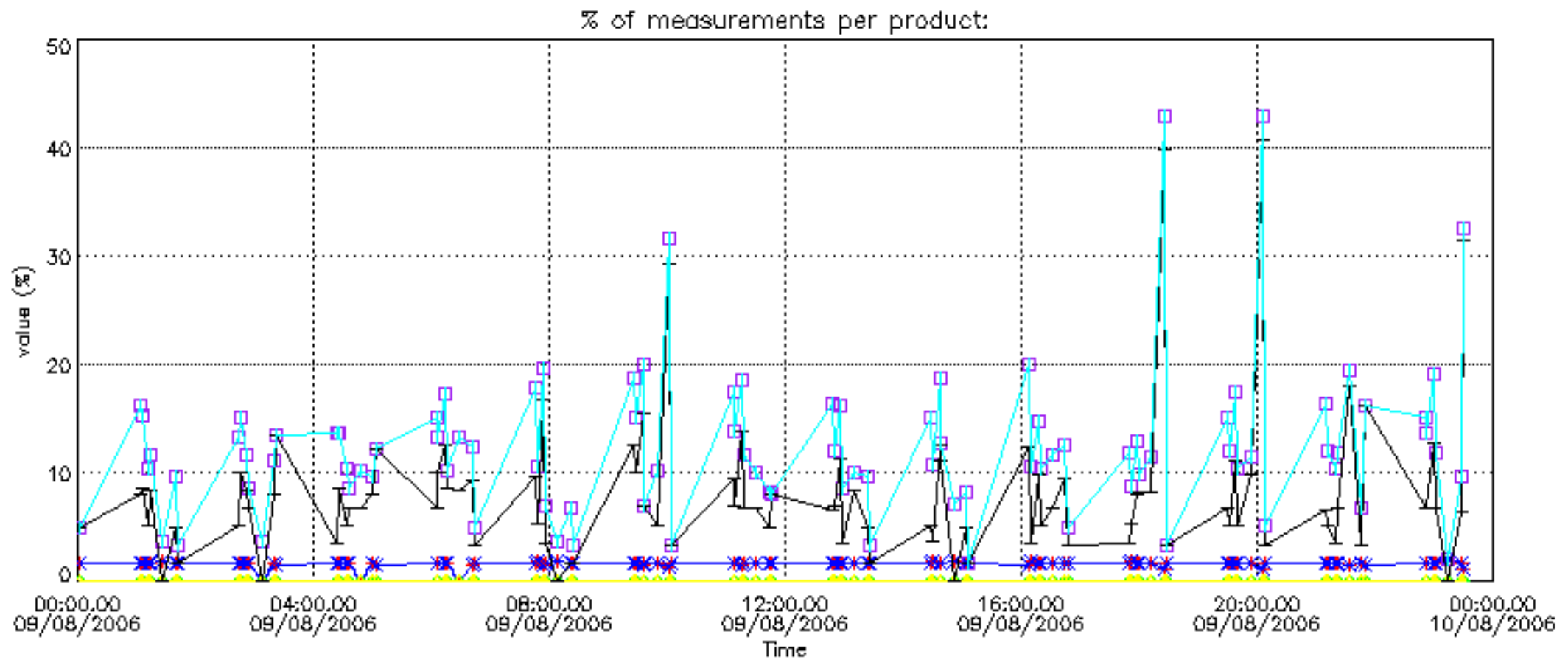
Percentage of flagged data per NO2 profile



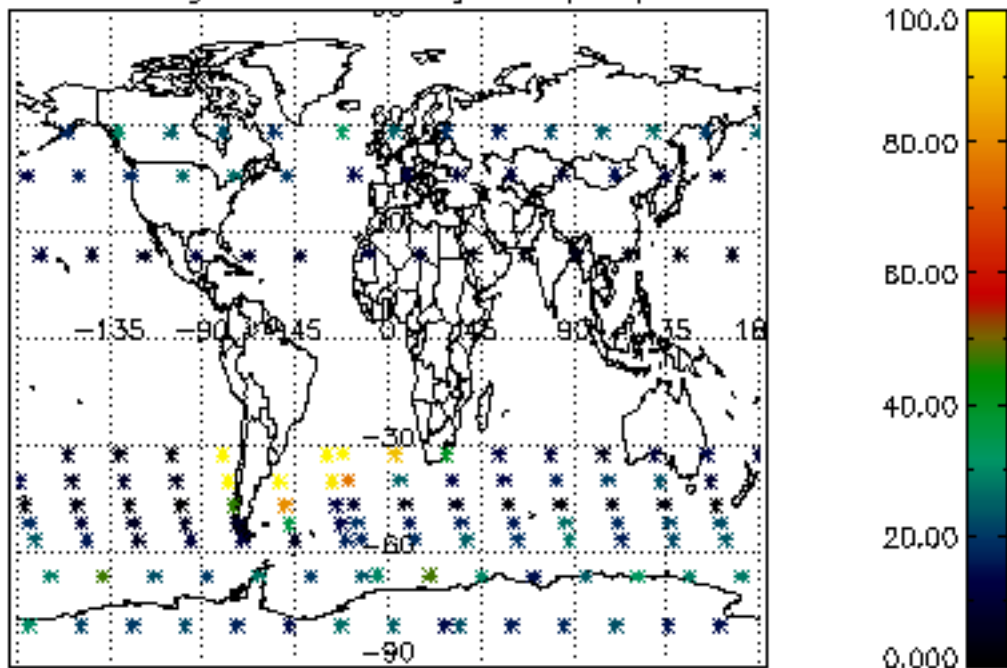
Percentage of flagged data per NO3 profile



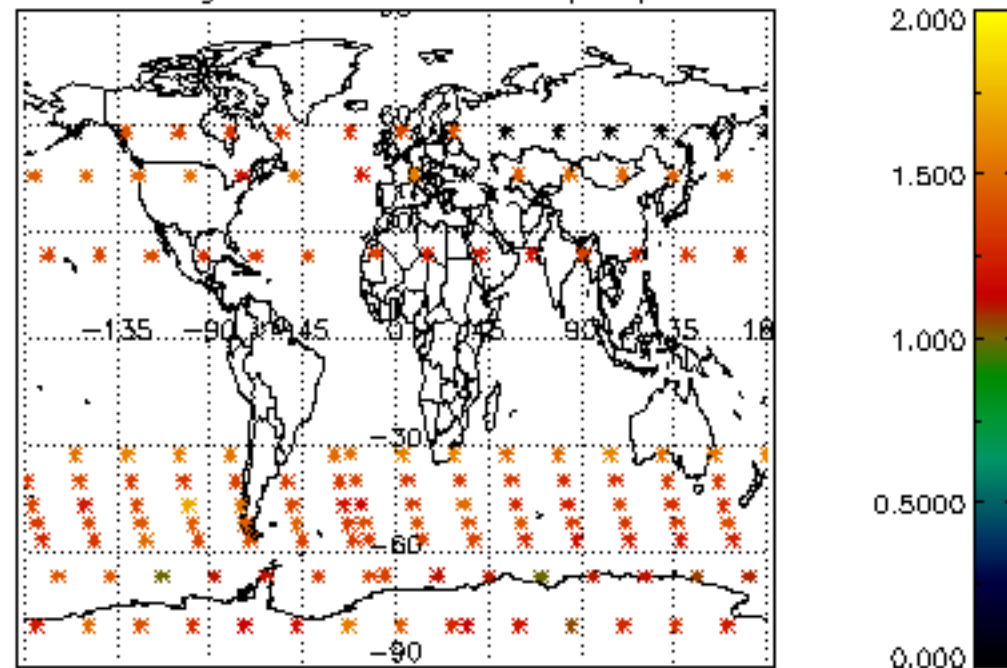




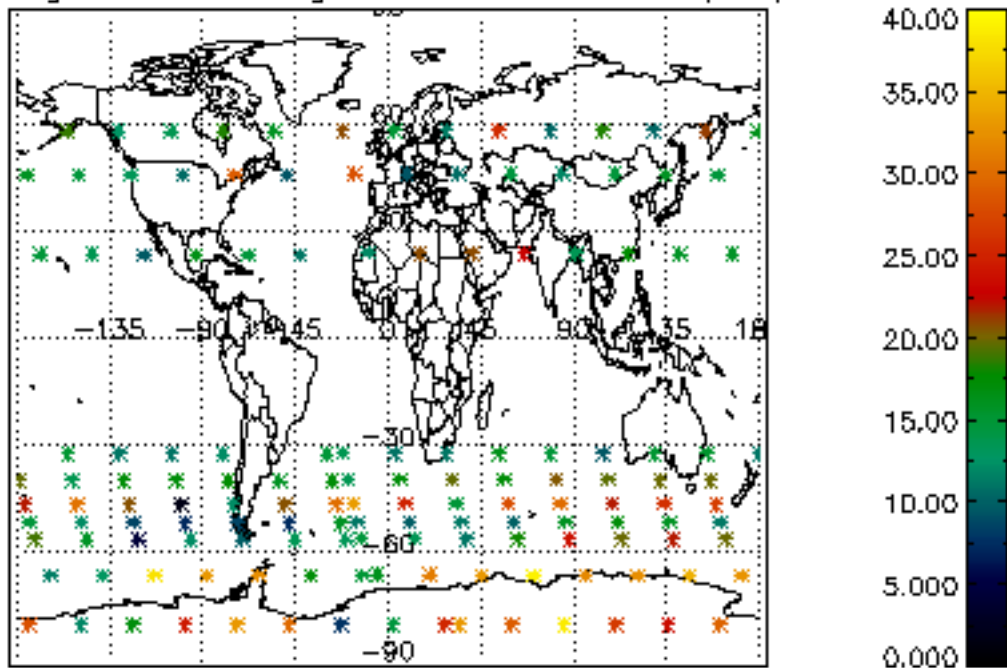
Percentage of cosmic ray hits per profile



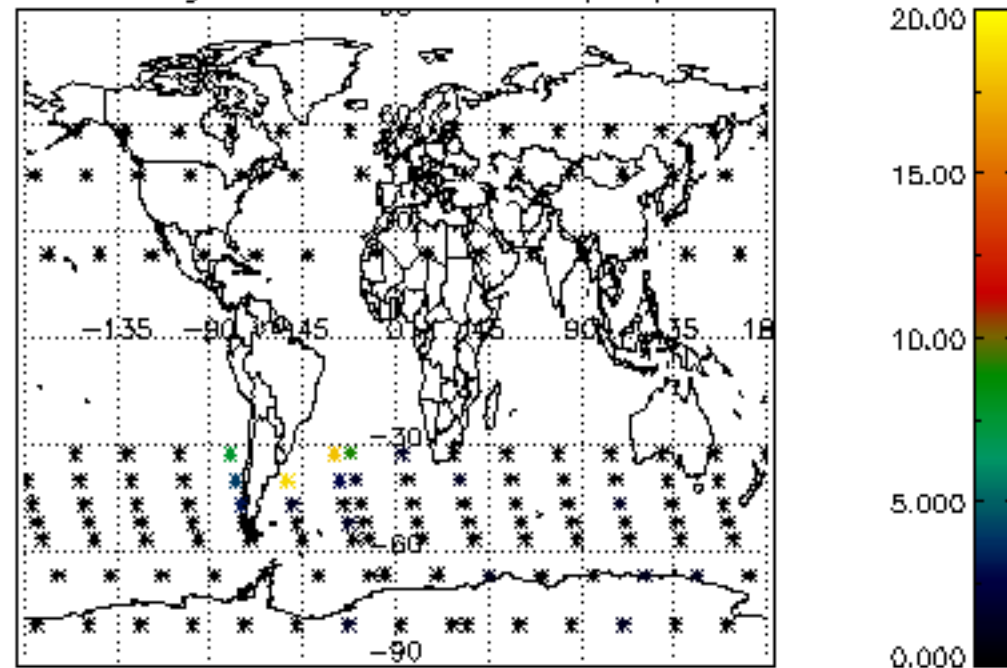
Percentage of datation errors per profile



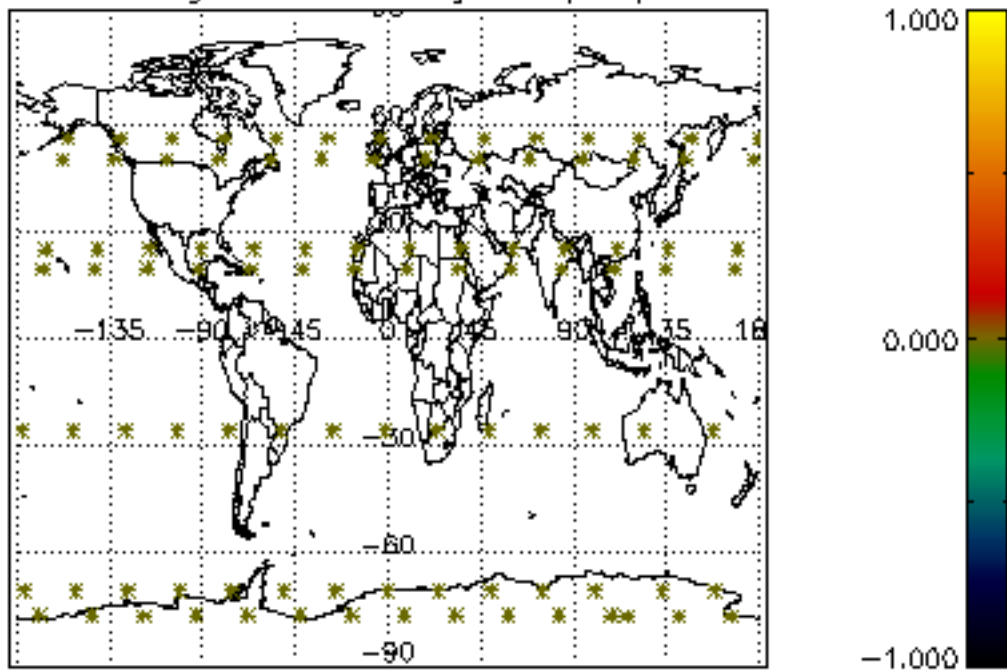
Percentage of star falling outside central band per profile



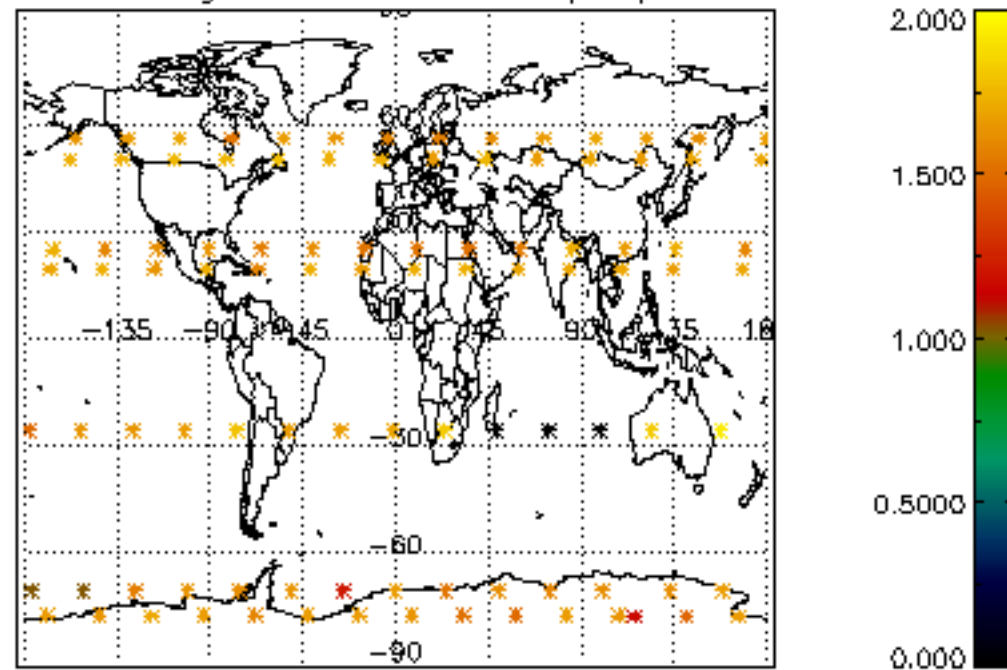
Percentage of saturation errors per profile



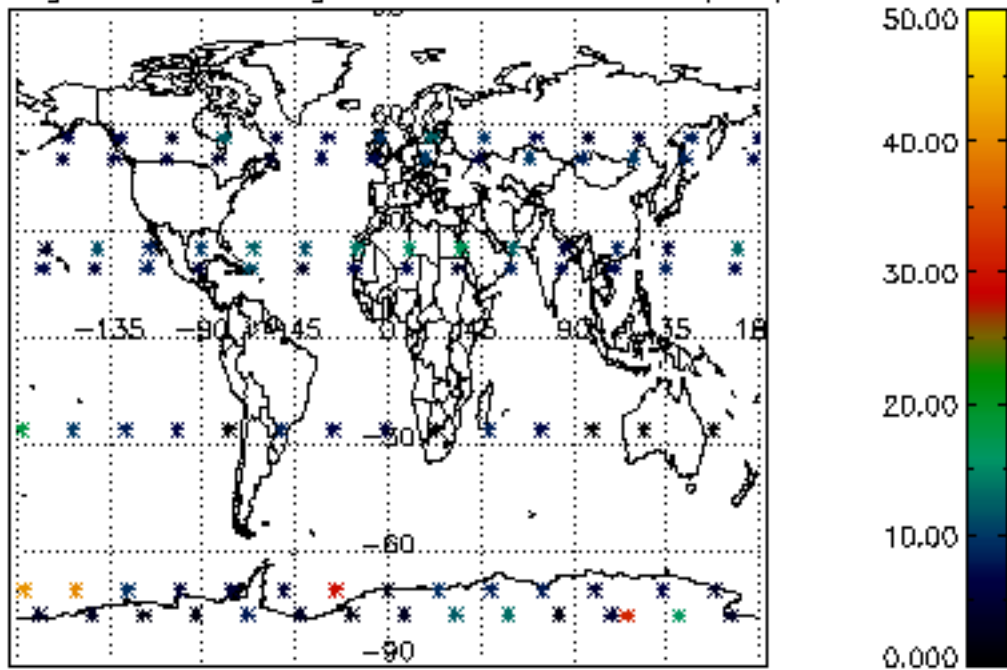
Percentage of cosmic ray hits per profile



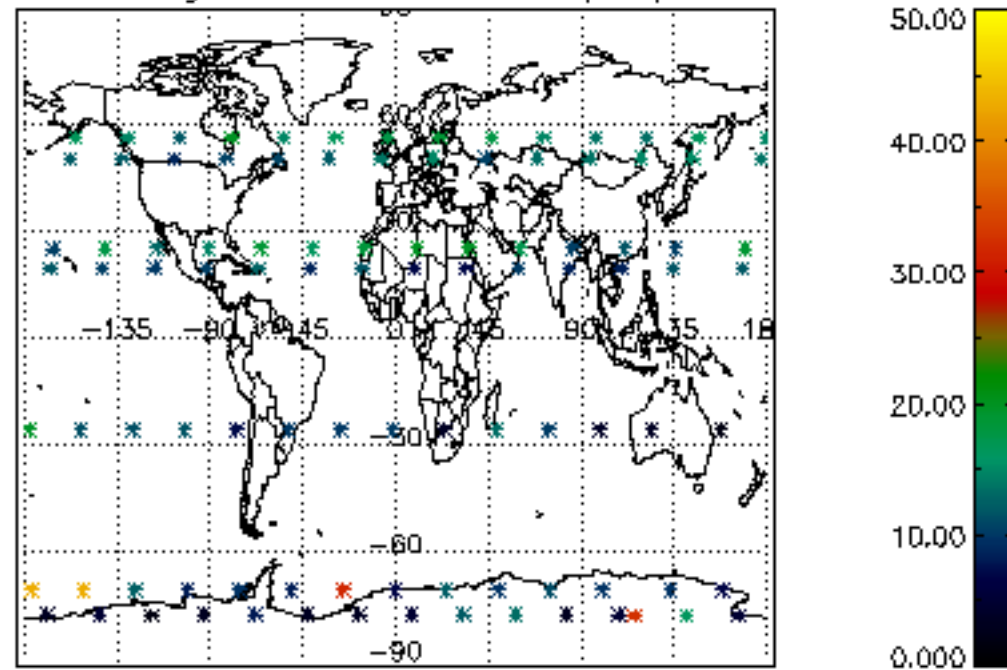
Percentage of datation errors per profile

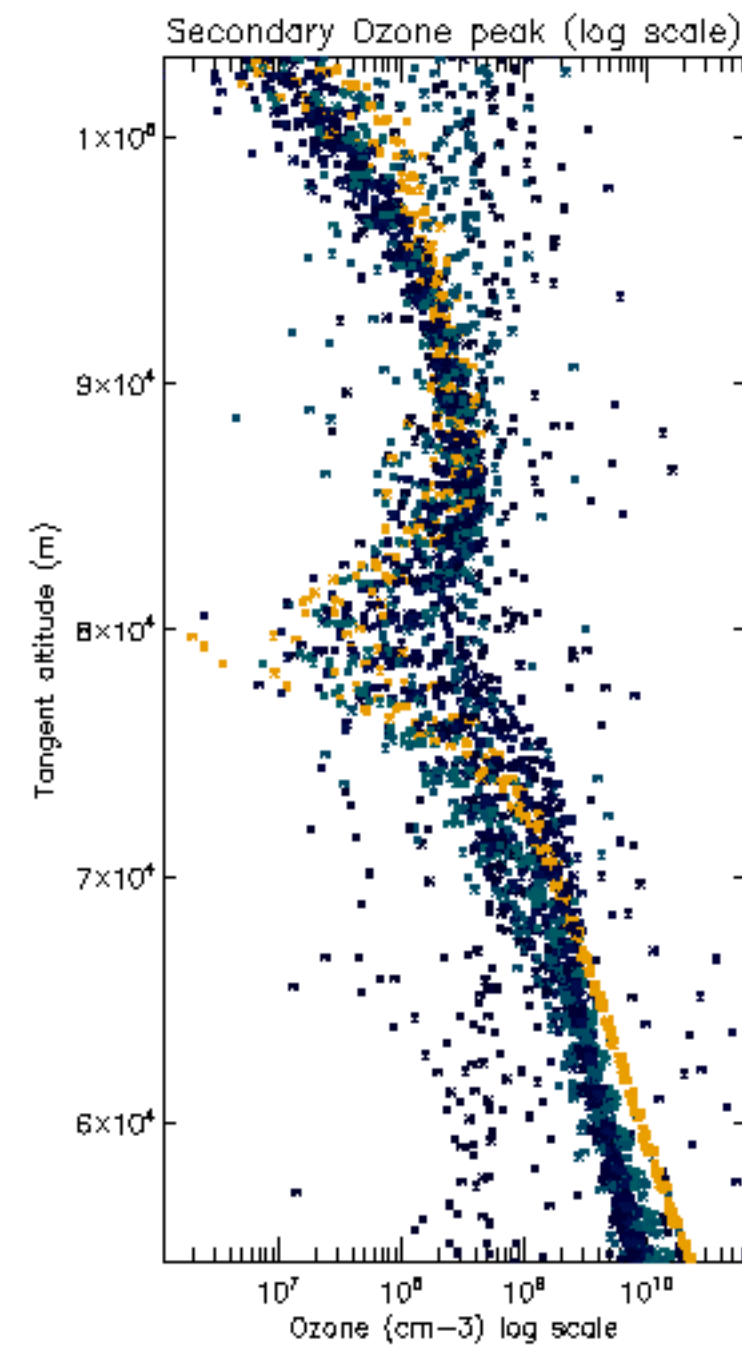
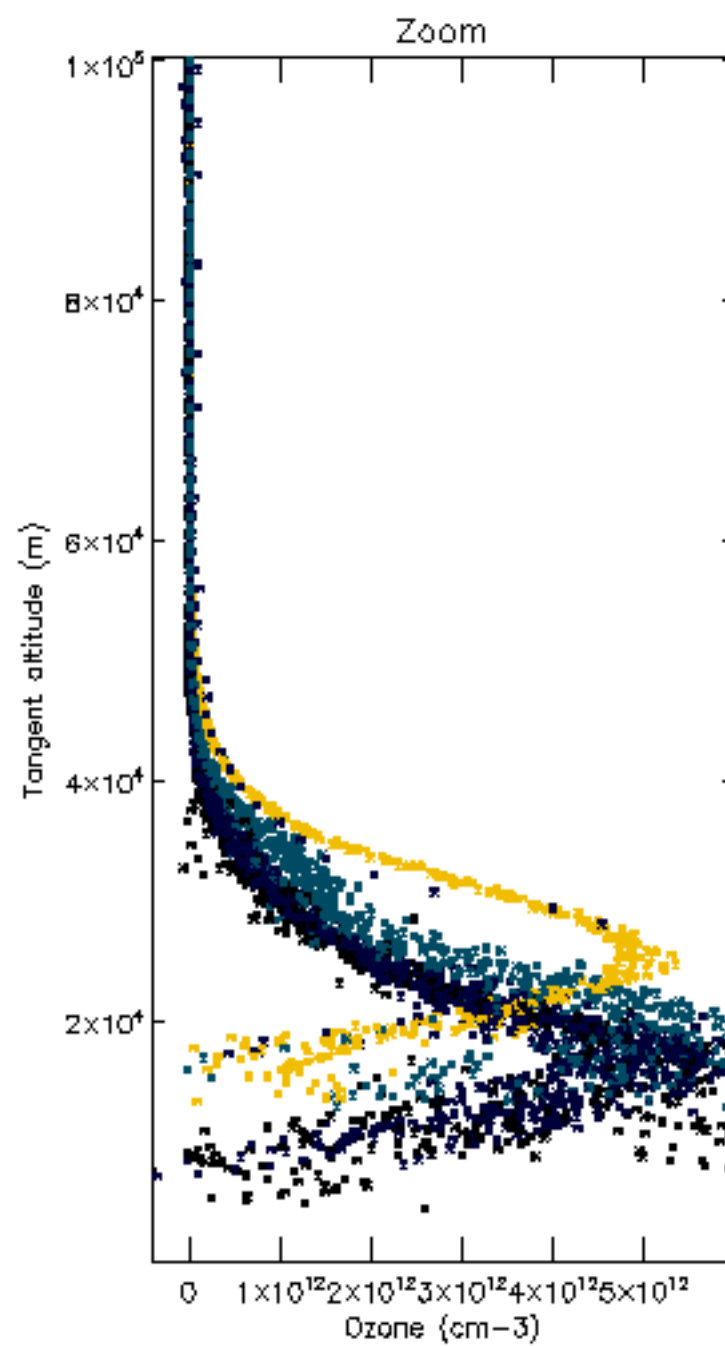
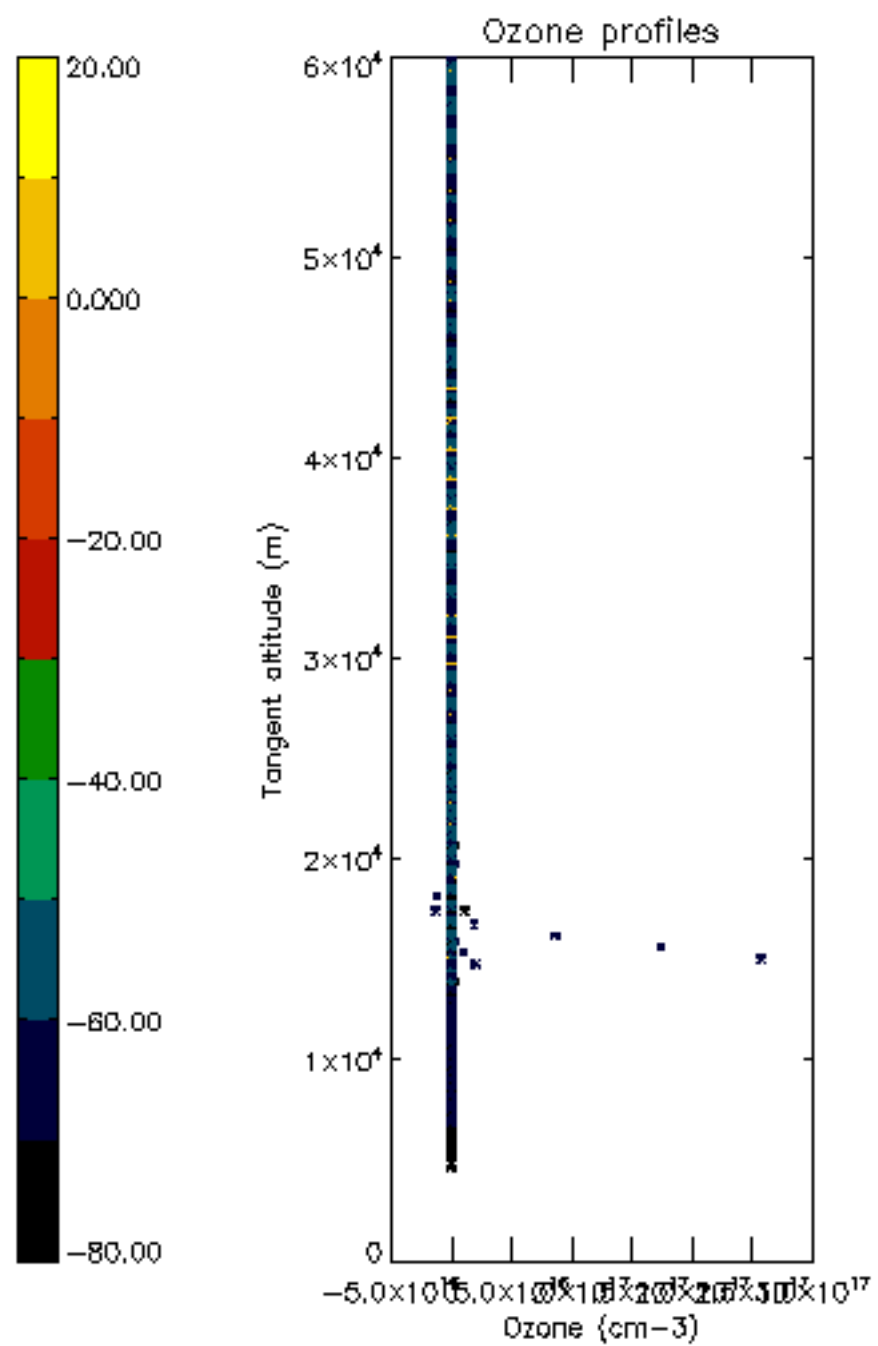


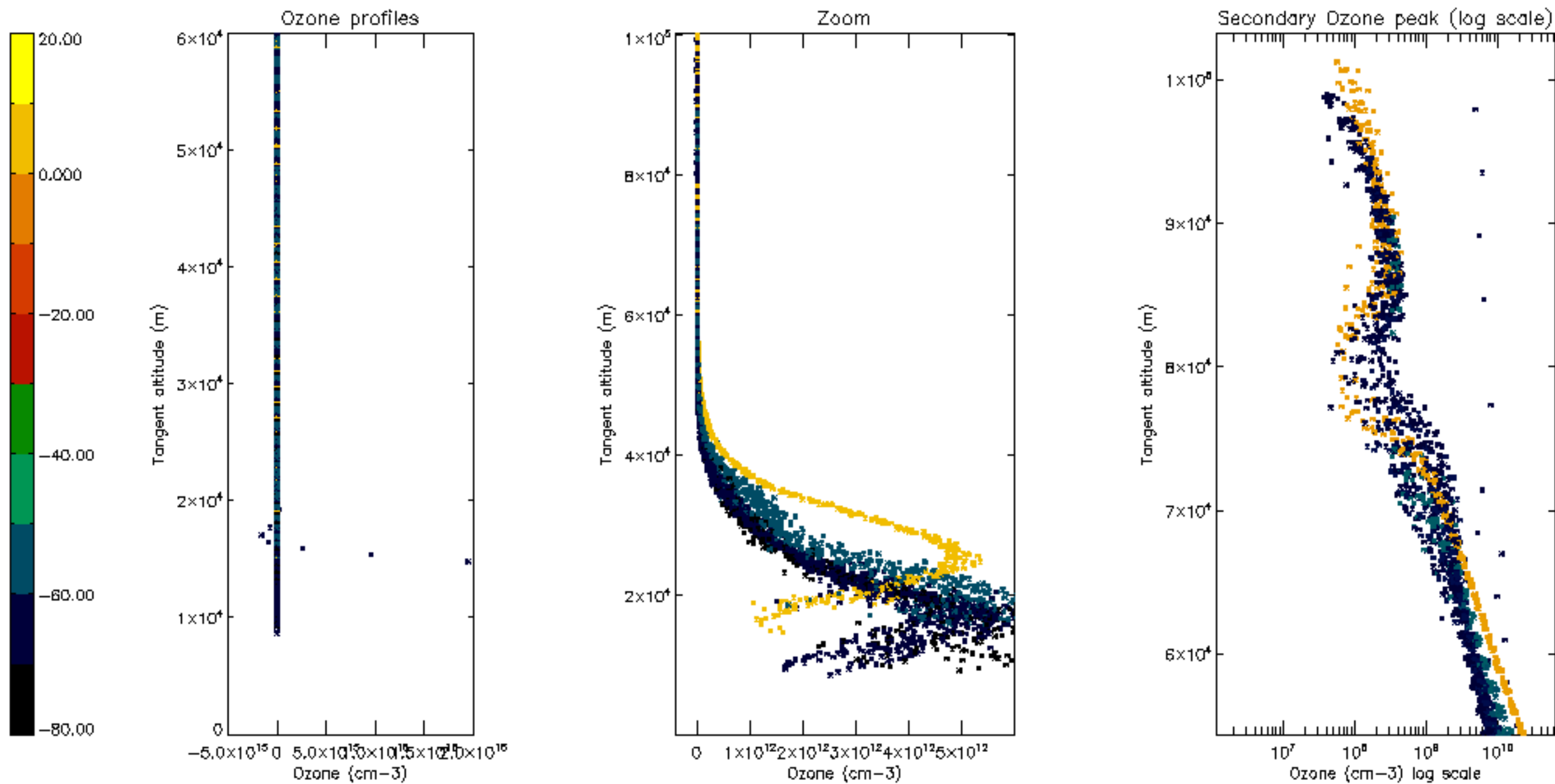
Percentage of star falling outside central band per profile

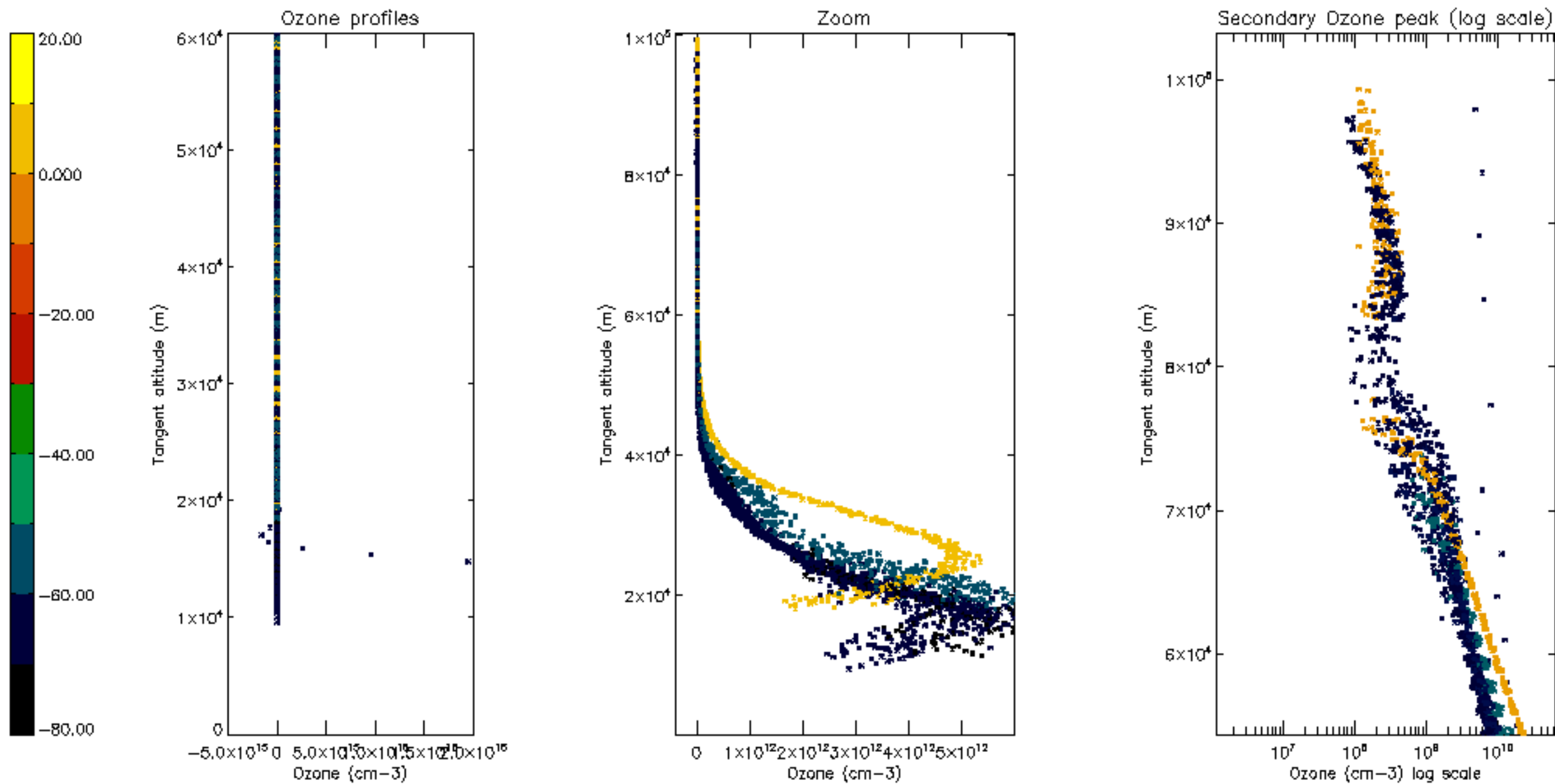


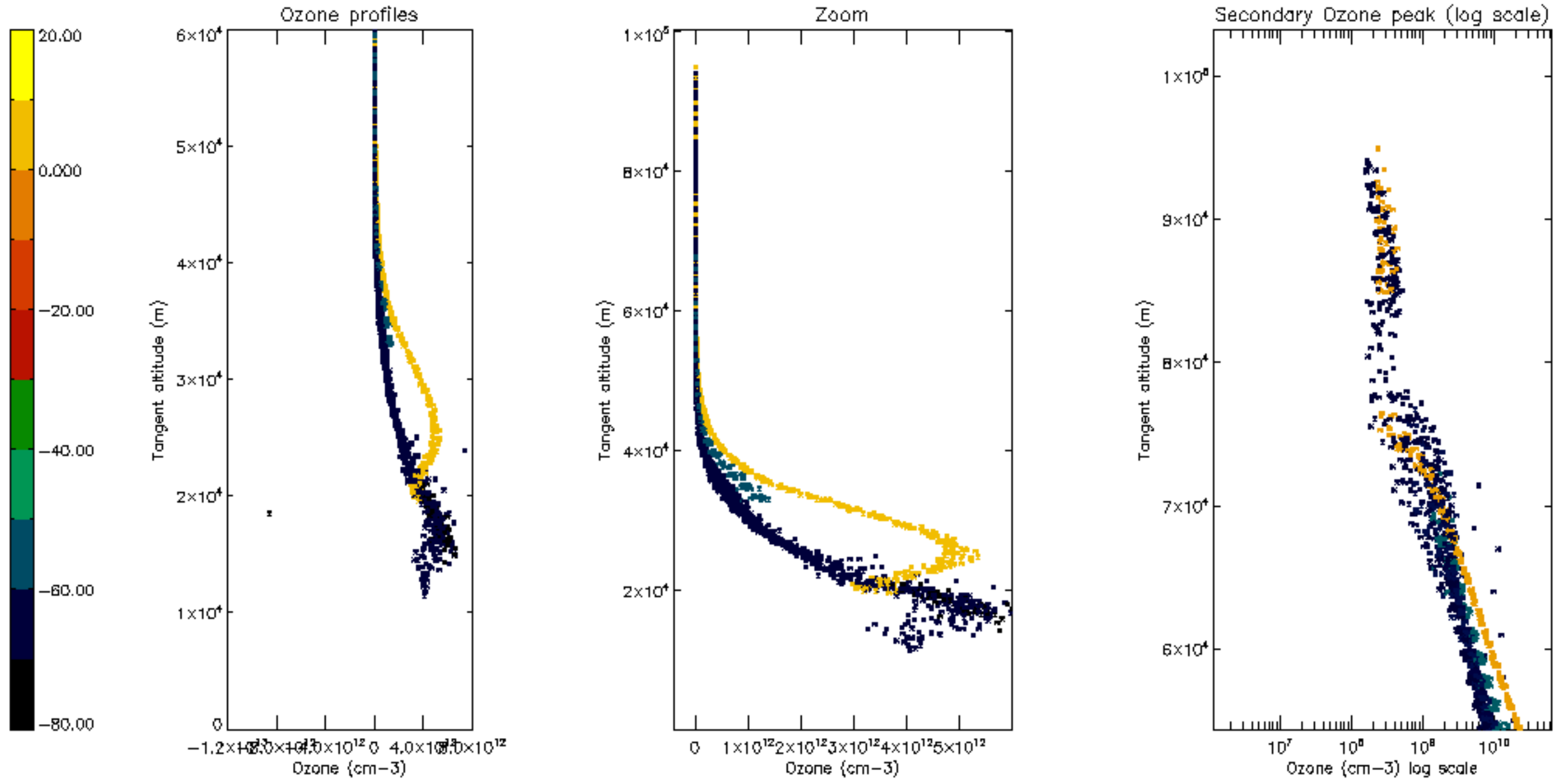
Percentage of saturation errors per profile

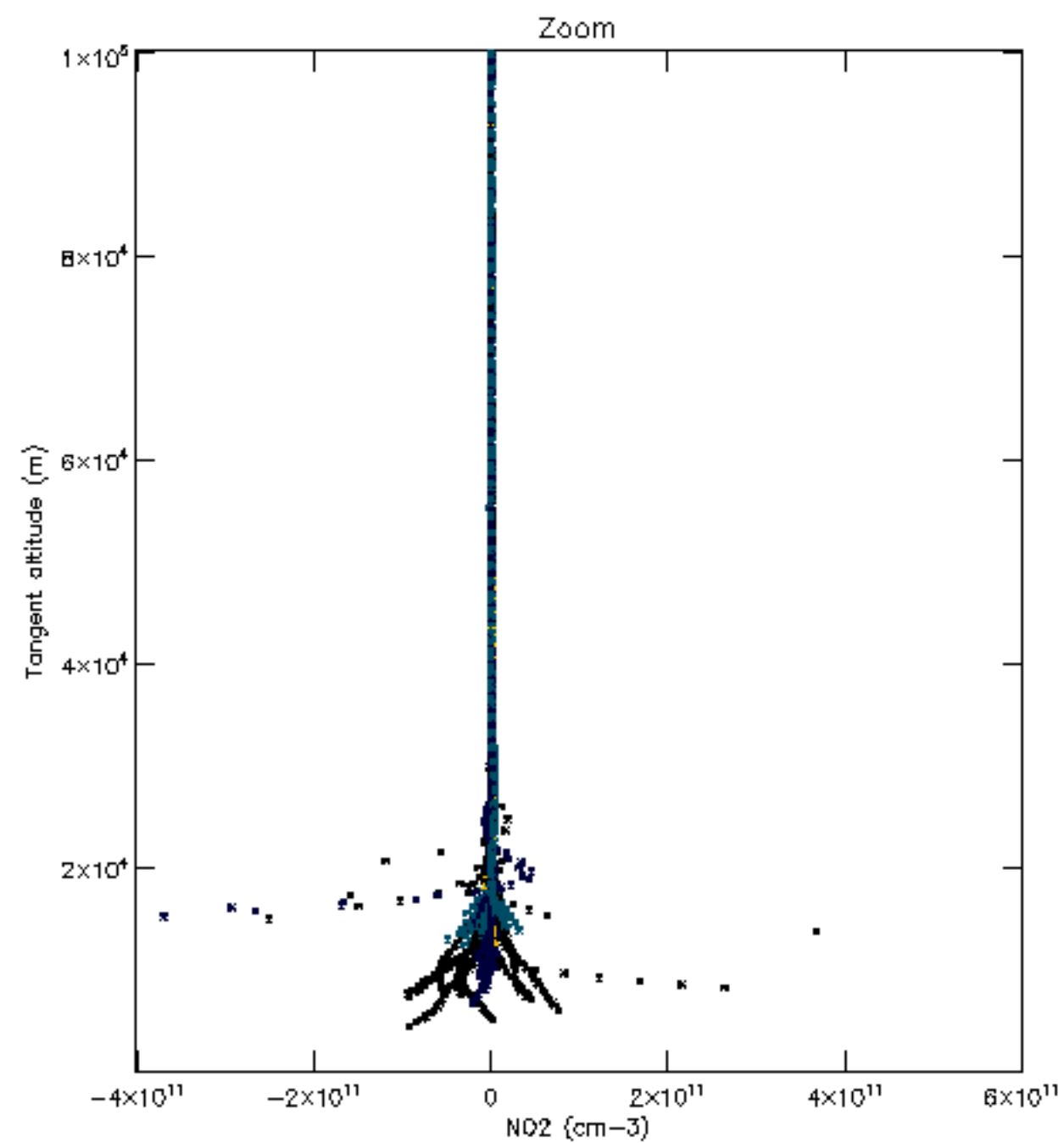
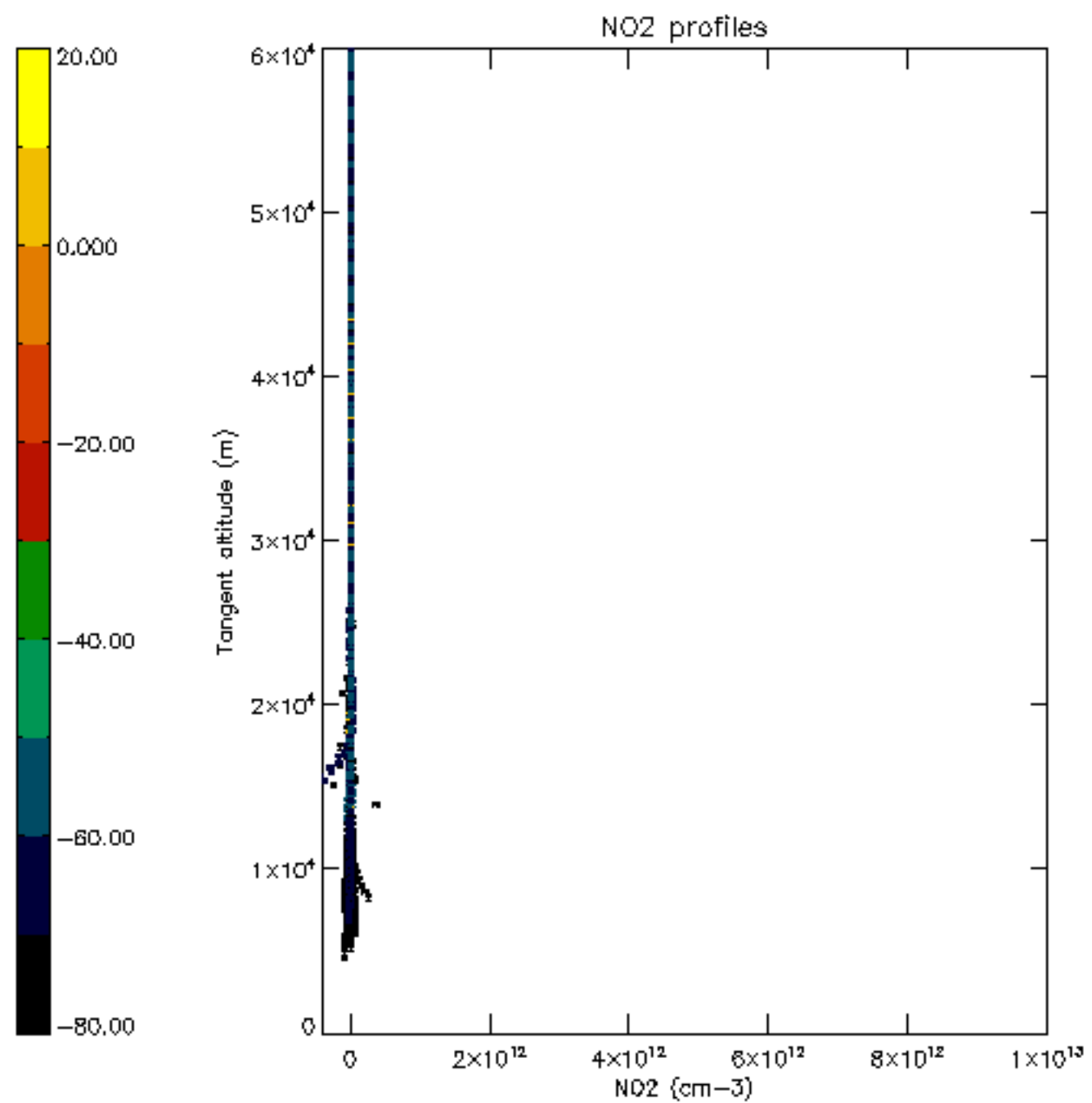


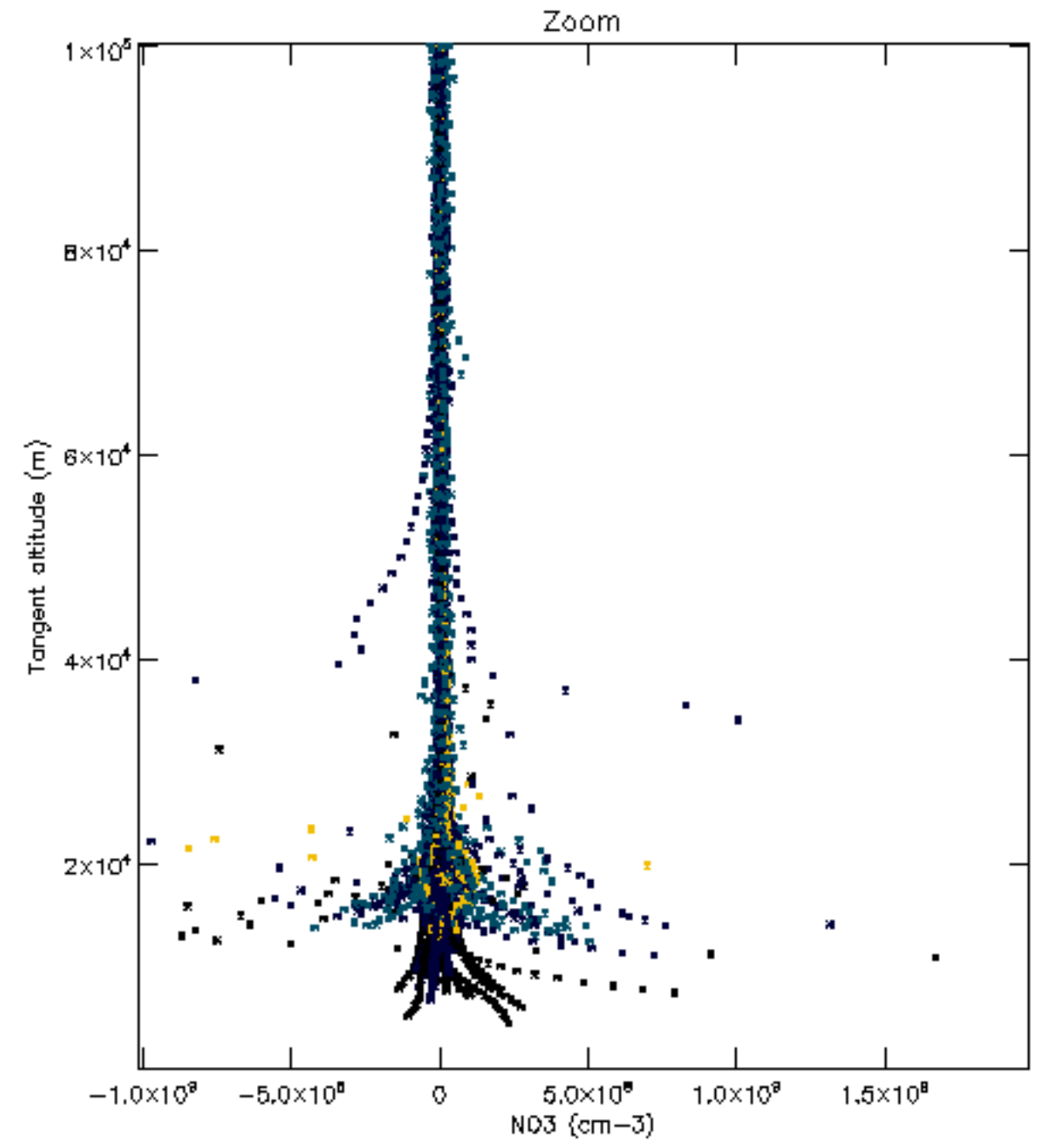
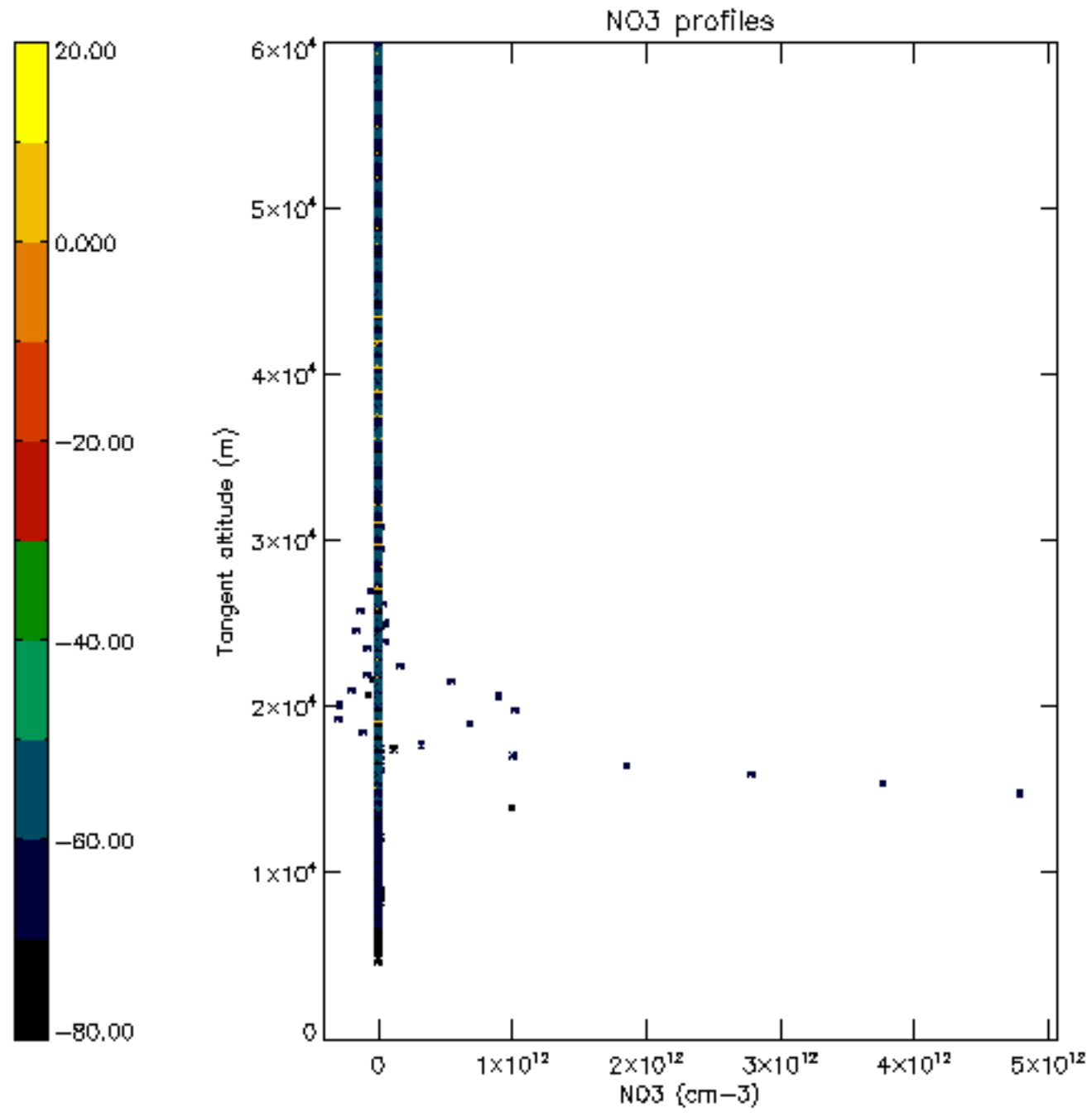


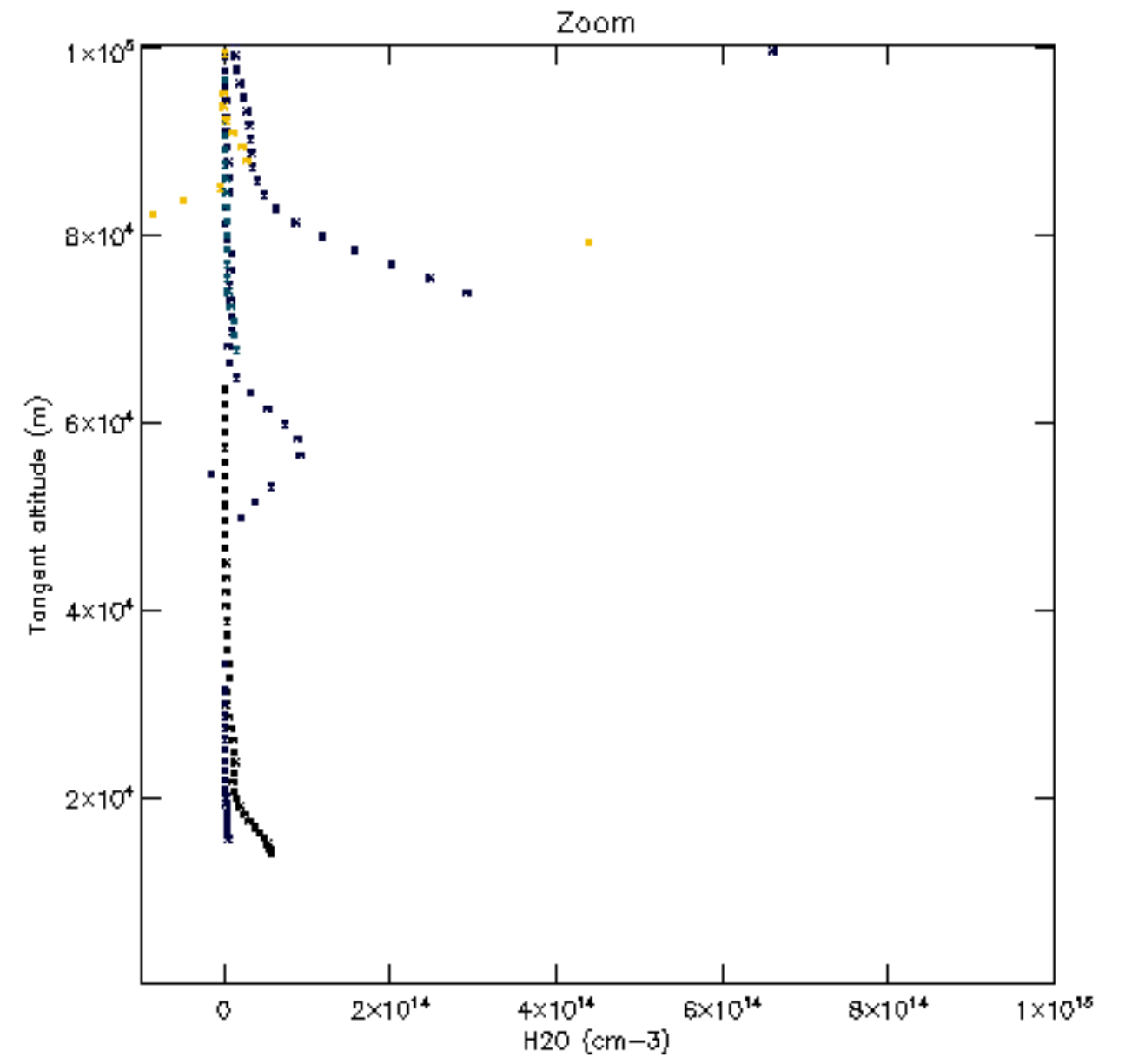
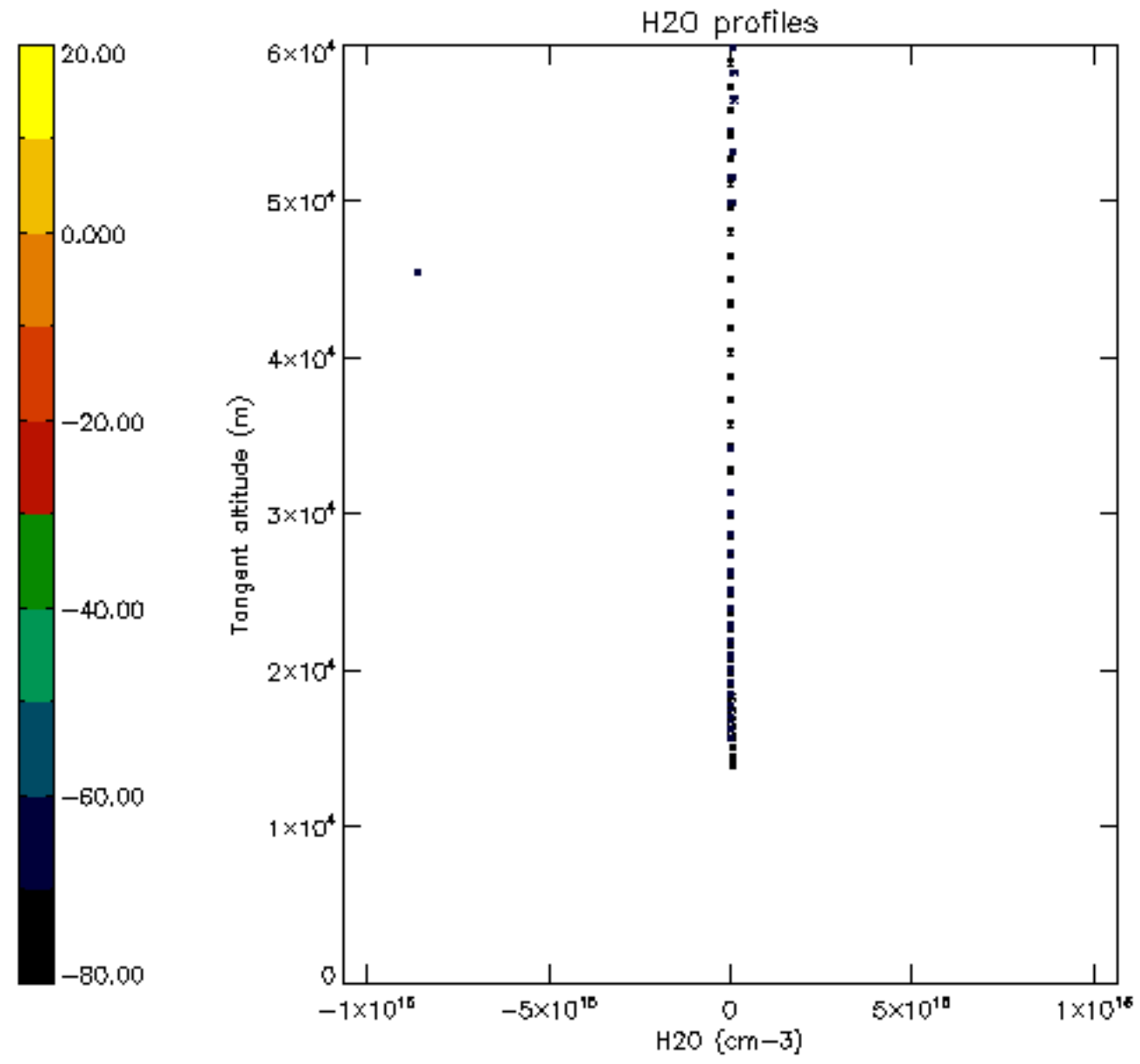


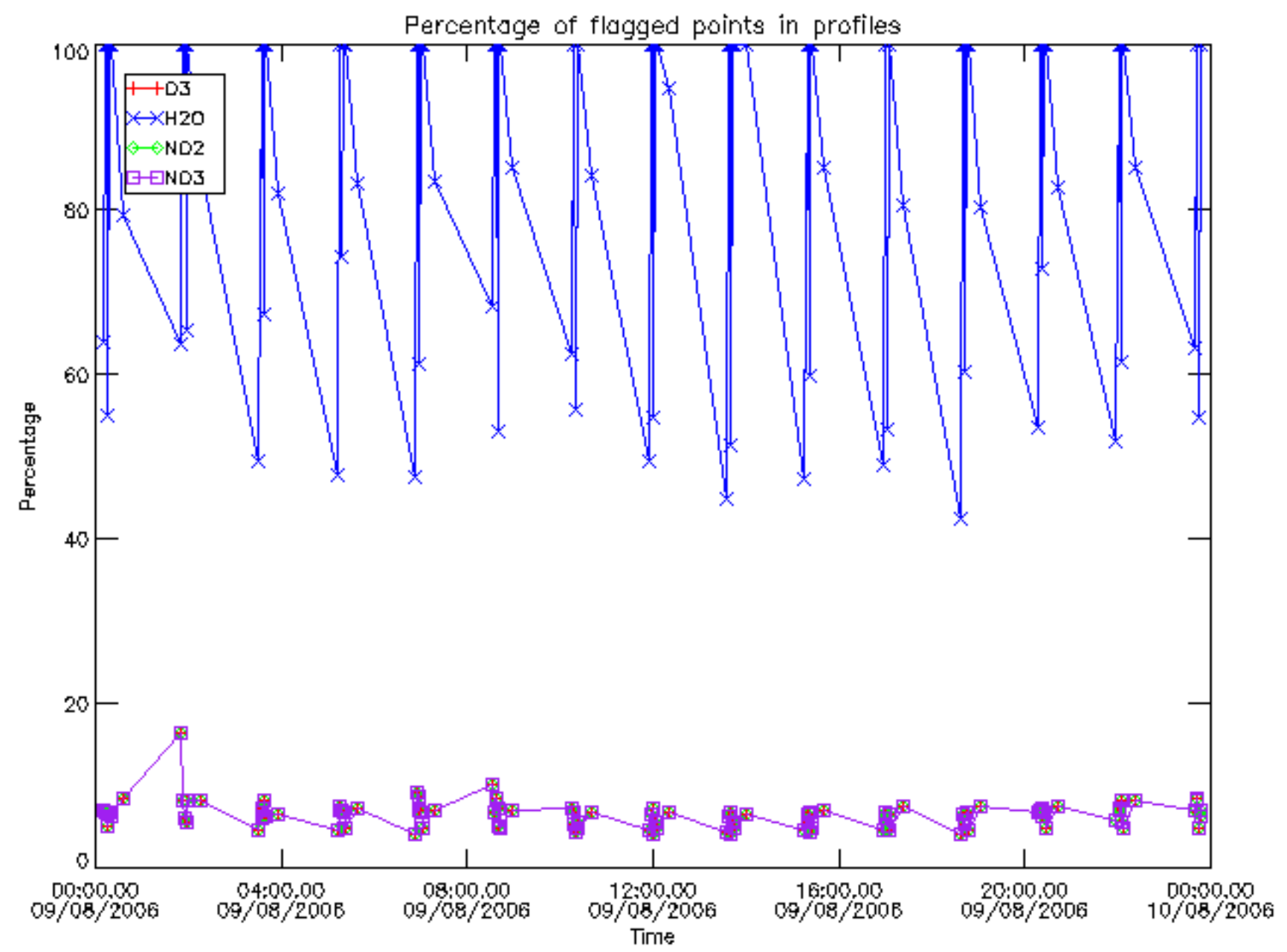




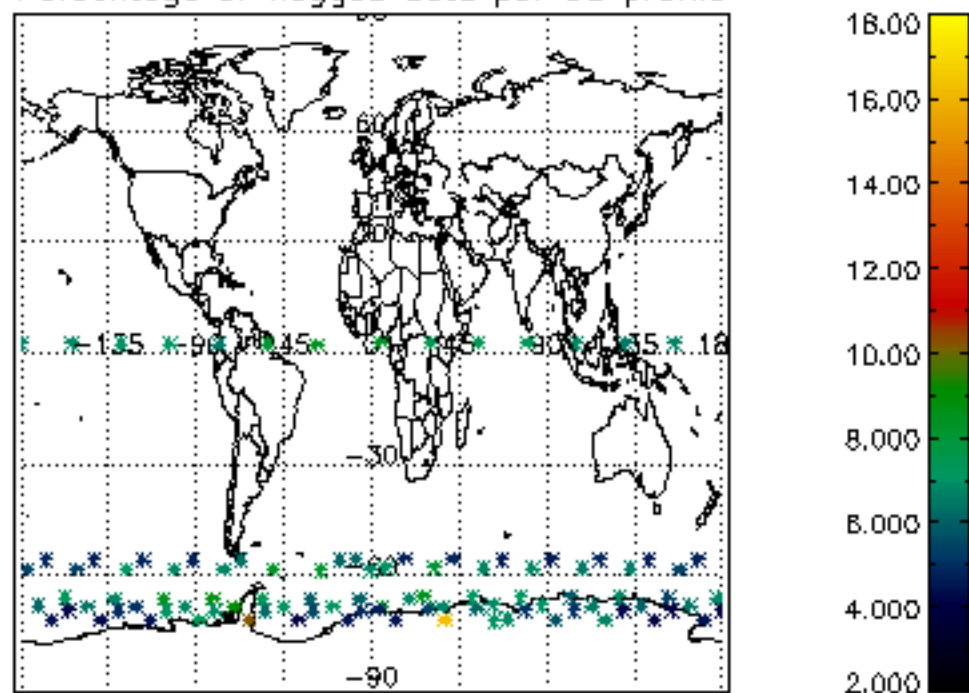




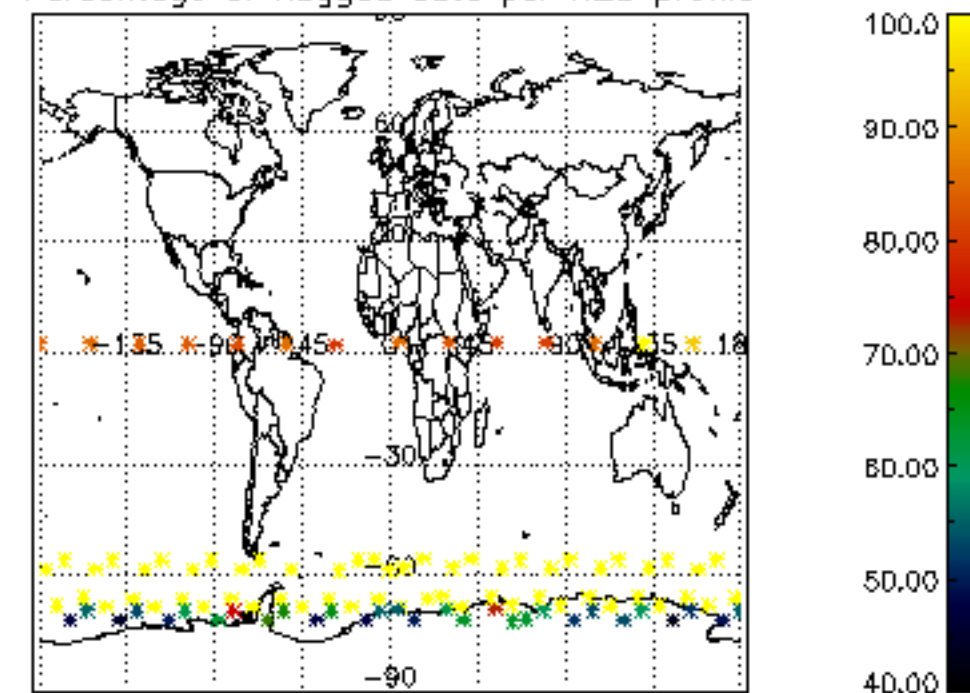




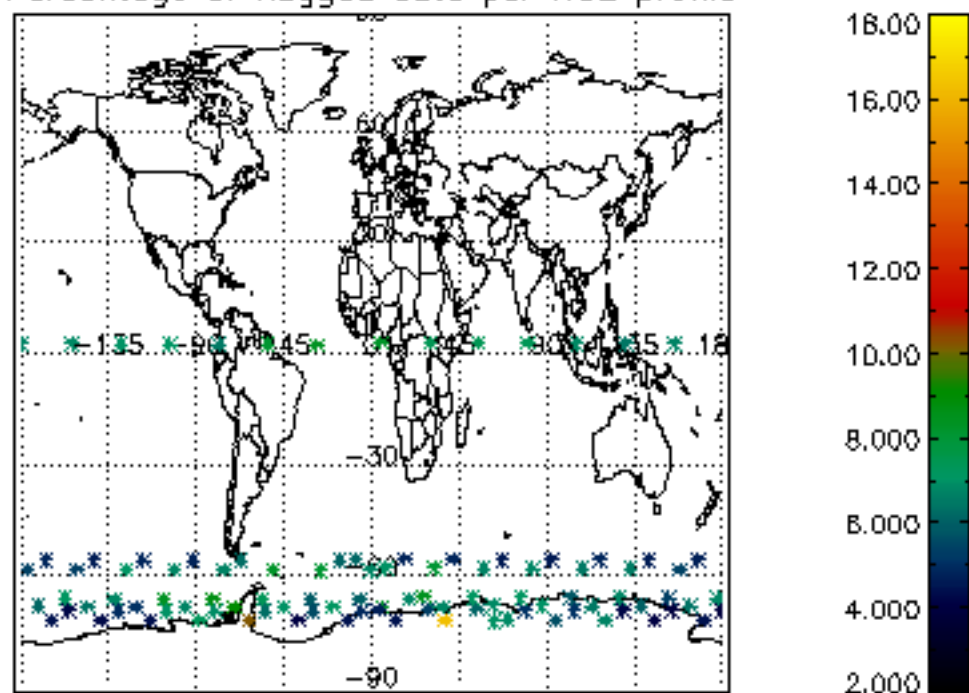
Percentage of flagged data per D3 profile



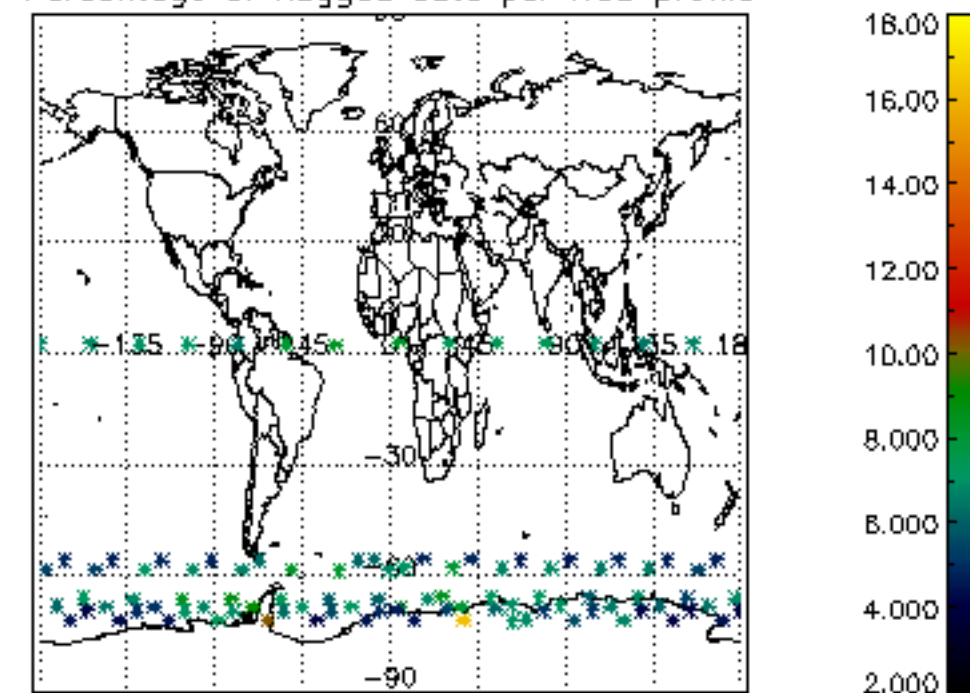
Percentage of flagged data per H2O profile

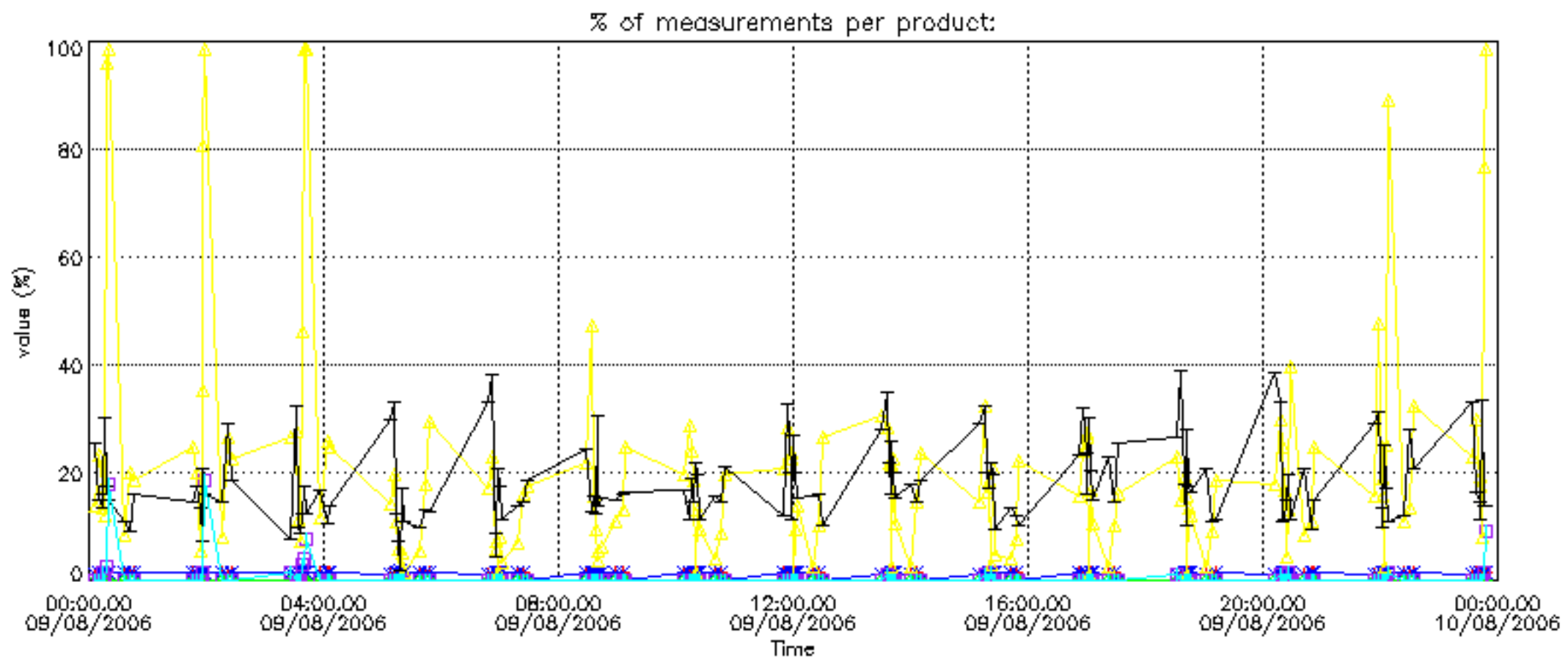


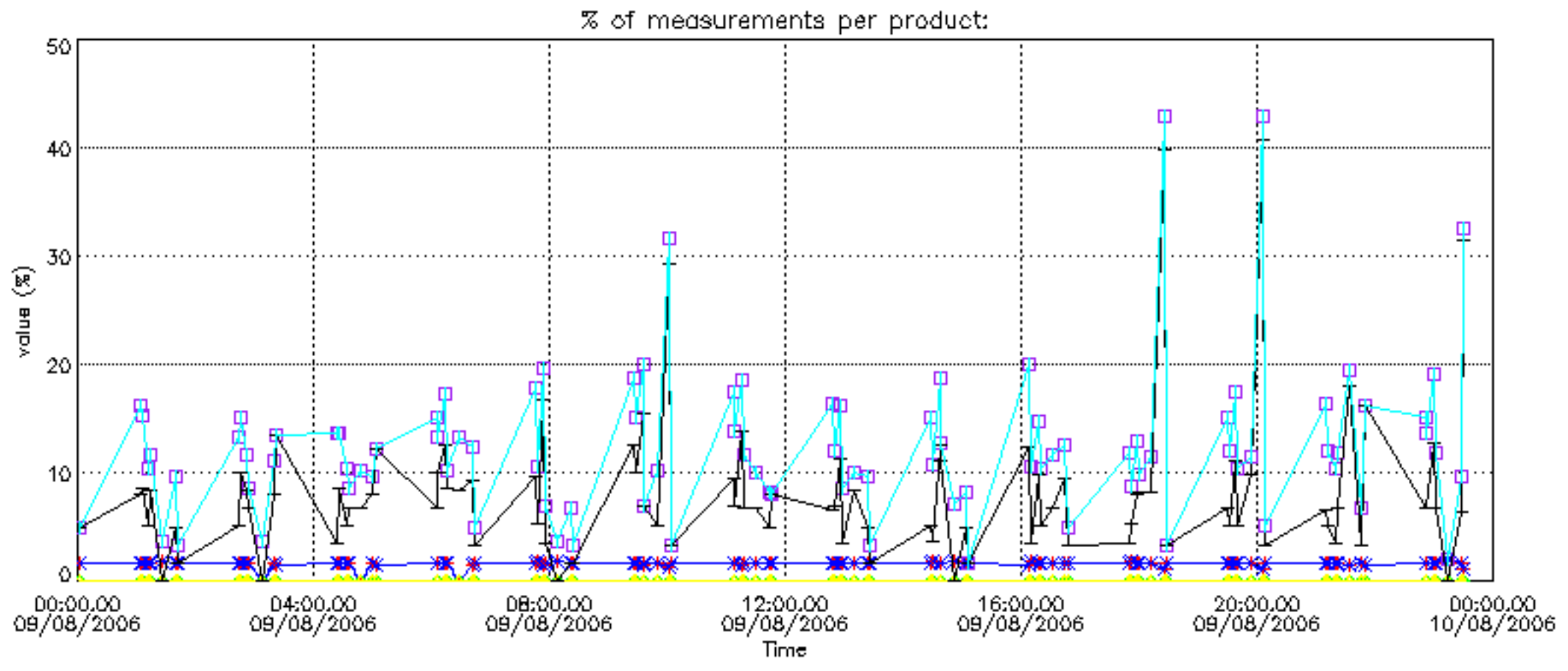
Percentage of flagged data per NO2 profile



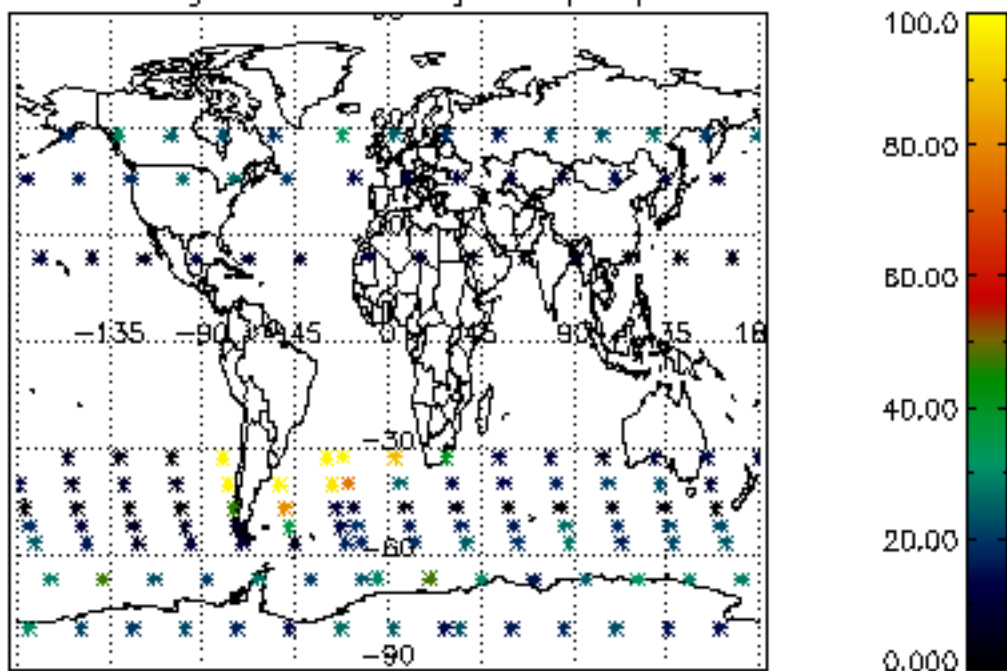
Percentage of flagged data per NO3 profile



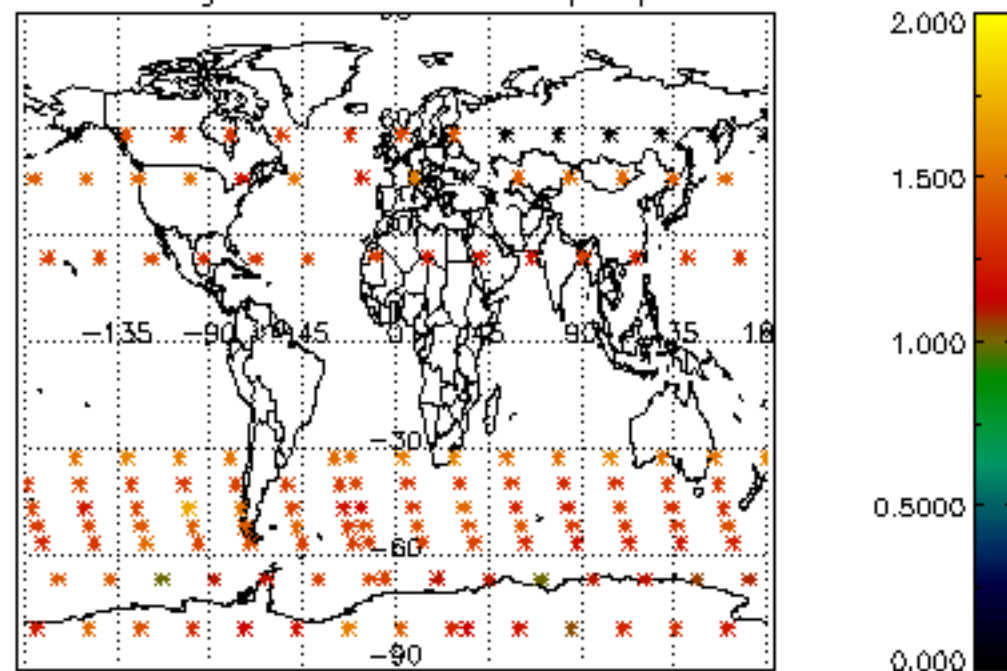




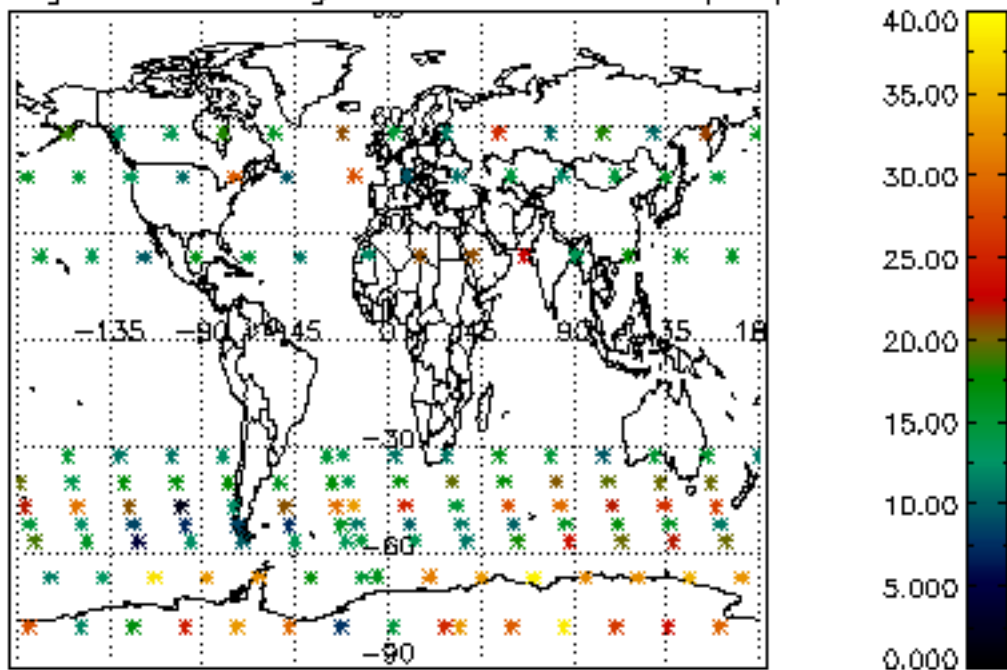
Percentage of cosmic ray hits per profile



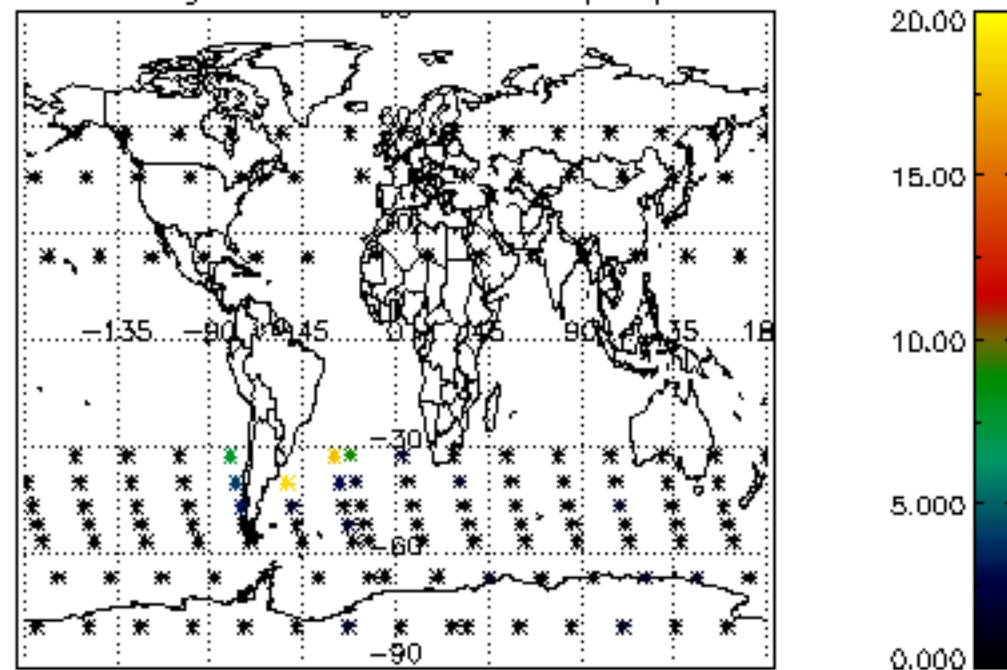
Percentage of datation errors per profile



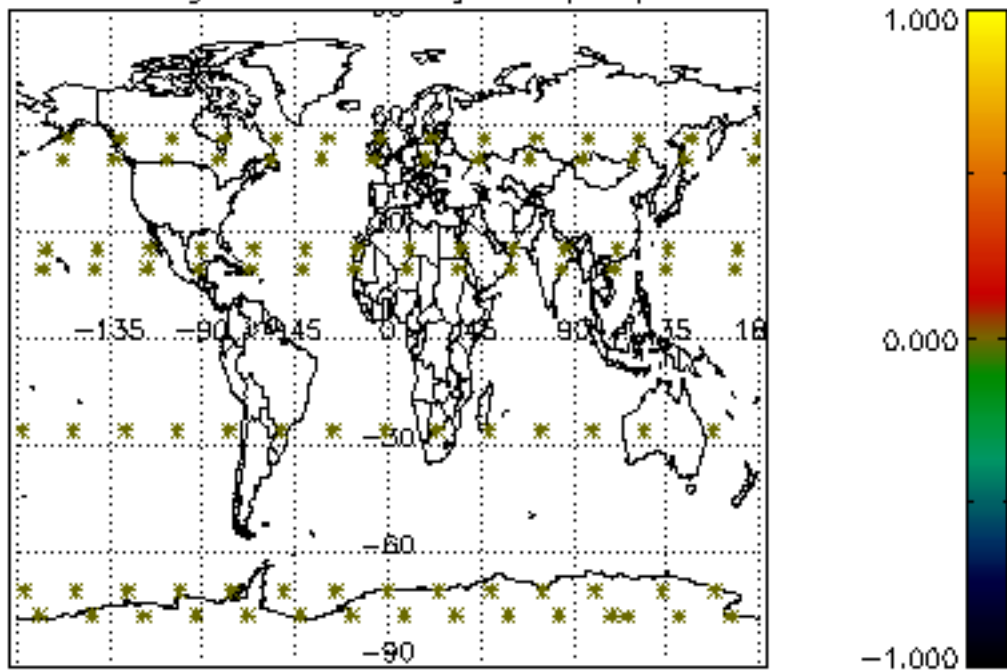
Percentage of star falling outside central band per profile



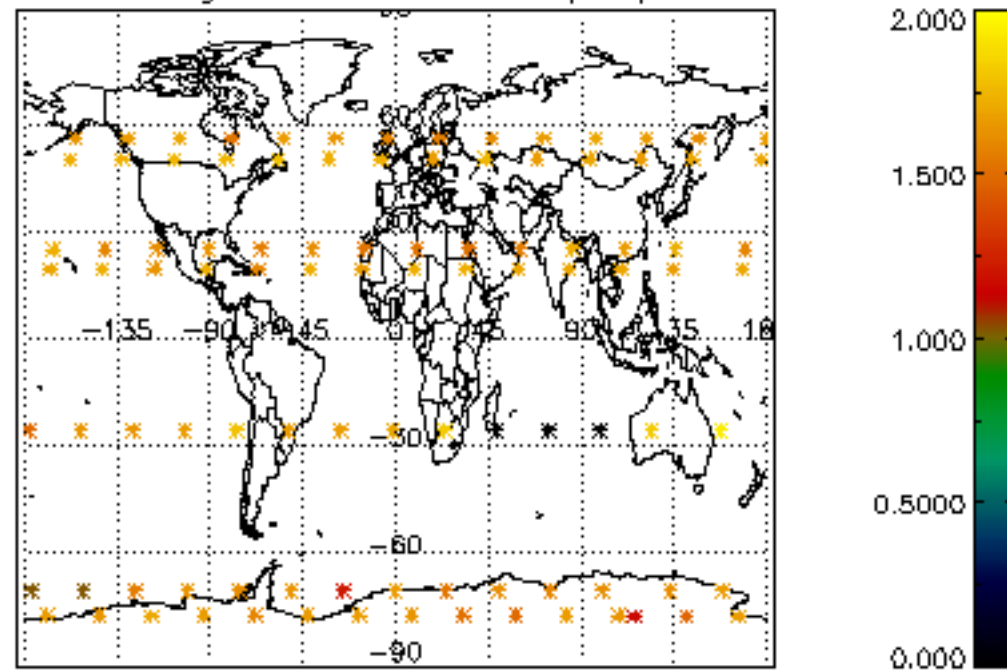
Percentage of saturation errors per profile



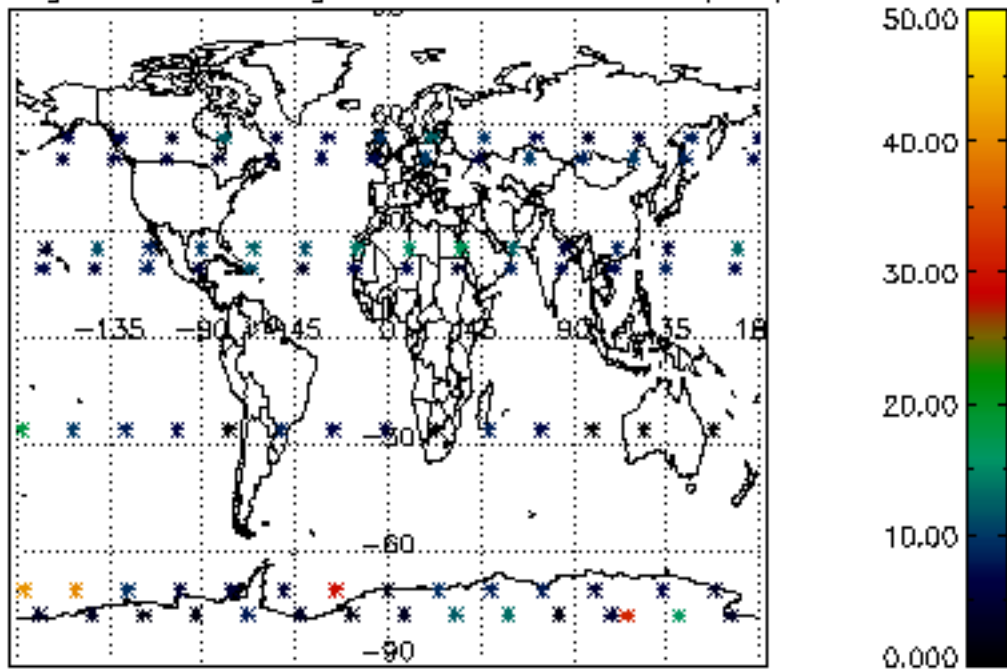
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

