

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	29APR2013 11:44:45
Data source version	GOMOS/6.01
Start time of products	09-06-2010 (09JUN2010 00:00:00)
Stop time of products	10-06-2010 (10JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	294
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

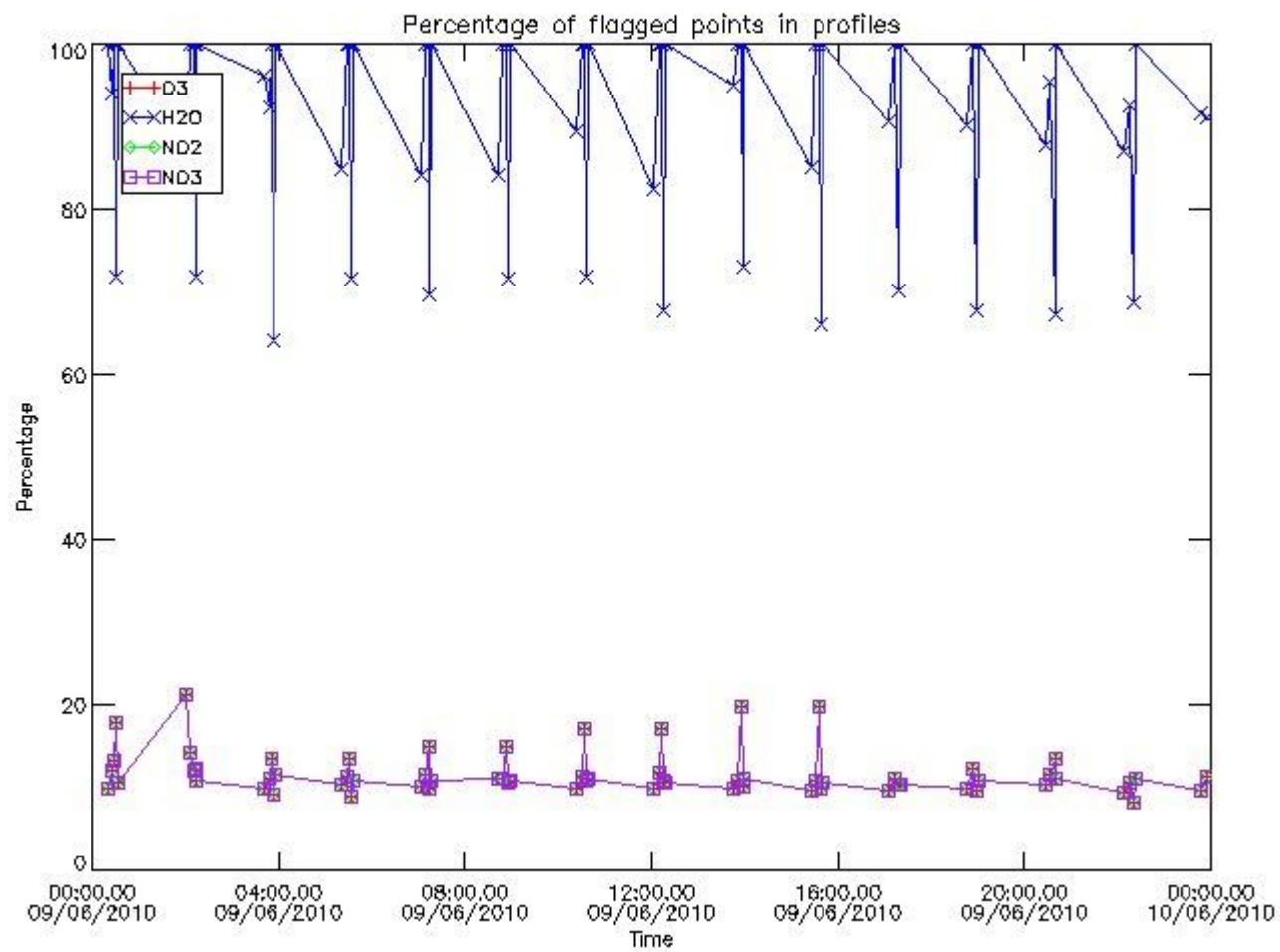
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100609_000135_000000572090_00116_43256_3829.N1	09-JUN-2010 00:01:35	Bright	56.500	53	43Bet And	2.0480	3300.0	113	43256	No
2	GOM_NL__2PRFIN20100609_000450_000000482090_00116_43256_3830.N1	09-JUN-2010 00:04:50	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43256	No
3	GOM_NL__2PRFIN20100609_001921_000000522090_00116_43256_3831.N1	09-JUN-2010 00:19:21	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43256	No
4	GOM_NL__2PRFIN20100609_002553_000000432090_00116_43256_3832.N1	09-JUN-2010 00:25:53	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	43256	No
5	GOM_NL__2PRFIN20100609_002918_000000422090_00117_43257_3820.N1	09-JUN-2010 00:29:18	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	43257	No
6	GOM_NL__2PRFIN20100609_003144_000000632090_00117_43257_3821.N1	09-JUN-2010 00:31:44	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	43257	No
7	GOM_NL__2PRFIN20100609_003343_000000532090_00117_43257_3822.N1	09-JUN-2010 00:33:43	Dark	52.500	31	Alp Gru	1.7340	15200.	105	43257	No
8	GOM_NL__2PRFIN20100609_003810_000000422090_00117_43257_3823.N1	09-JUN-2010 00:38:10	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43257	No
9	GOM_NL__2PRFIN20100609_004648_000000512090_00117_43257_3824.N1	09-JUN-2010 00:46:48	Straylight	51.000	40	The Sco	1.8590	7100.0	102	43257	No
10	GOM_NL__2PRFIN20100609_004833_000000462090_00117_43257_3825.N1	09-JUN-2010 00:48:33	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	43257	No
11	GOM_NL__2PRFIN20100609_004955_000000512090_00117_43257_3826.N1	09-JUN-2010 00:49:55	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	43257	No
12	GOM_NL__2PRFIN20100609_005529_000000422090_00117_43257_3827.N1	09-JUN-2010 00:55:29	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43257	No
13	GOM_NL__2PRFIN20100609_005716_000000392090_00117_43257_3828.N1	09-JUN-2010 00:57:16	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43257	No
14	GOM_NL__2PRFIN20100609_005923_000000382090_00117_43257_3829.N1	09-JUN-2010 00:59:23	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	43257	No
15	GOM_NL__2PRFIN20100609_010246_000000252090_00117_43257_3830.N1	09-JUN-2010 01:02:46	Tw_i_and_stray	25.000	126	60Bet Oph	2.7700	4250.0	50	43257	No
16	GOM_NL__2PRFIN20100609_010658_000000412090_00117_43257_3831.N1	09-JUN-2010 01:06:58	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	43257	No
17	GOM_NL__2PRFIN20100609_011011_000000422090_00117_43257_3832.N1	09-JUN-2010 01:10:11	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43257	No
18	GOM_NL__2PRFIN20100609_011720_000000392090_00117_43257_3833.N1	09-JUN-2010 01:17:20	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43257	No
19	GOM_NL__2PRFIN20100609_012806_000000482090_00117_43257_3834.N1	09-JUN-2010 01:28:06	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43257	No
20	GOM_NL__2PRFIN20100609_013402_000000402090_00117_43257_3835.N1	09-JUN-2010 01:34:02	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43257	No
21	GOM_NL__2PRFIN20100609_013952_000000442090_00117_43257_3836.N1	09-JUN-2010 01:39:52	Bright	43.500	73	57Gam1And	2.2600	13100.	87	43257	No
22	GOM_NL__2PRFIN20100609_014211_000000532090_00117_43257_3837.N1	09-JUN-2010 01:42:11	Bright	53.000	53	43Bet And	2.0480	3300.0	106	43257	No
23	GOM_NL__2PRFIN20100609_014526_000000522090_00117_43257_3838.N1	09-JUN-2010 01:45:26	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	43257	No
24	GOM_NL__2PRFIN20100609_015958_000000552090_00117_43257_3839.N1	09-JUN-2010 01:59:58	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43257	No
25	GOM_NL__2PRFIN20100609_020630_000000472090_00117_43257_3840.N1	09-JUN-2010 02:06:30	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43257	No
26	GOM_NL__2PRFIN20100609_020955_000000422090_00118_43258_3828.N1	09-JUN-2010 02:09:55	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	43258	No
27	GOM_NL__2PRFIN20100609_021220_000000502090_00118_43258_3829.N1	09-JUN-2010 02:12:20	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	43258	No
28	GOM_NL__2PRFIN20100609_021420_000000472090_00118_43258_3830.N1	09-JUN-2010 02:14:20	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43258	No
29	GOM_NL__2PRFIN20100609_021846_000000452090_00118_43258_3831.N1	09-JUN-2010 02:18:46	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43258	No
30	GOM_NL__2PRFIN20100609_022725_000000482090_00118_43258_3832.N1	09-JUN-2010 02:27:25	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43258	No
31	GOM_NL__2PRFIN20100609_022910_000000442090_00118_43258_3833.N1	09-JUN-2010 02:29:10	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43258	No
32	GOM_NL__2PRFIN20100609_023031_000000512090_00118_43258_3834.N1	09-JUN-2010 02:30:31	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	43258	No
33	GOM_NL__2PRFIN20100609_023605_000000432090_00118_43258_3835.N1	09-JUN-2010 02:36:05	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	43258	No
34	GOM_NL__2PRFIN20100609_023752_000000392090_00118_43258_3836.N1	09-JUN-2010 02:37:52	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43258	No
35	GOM_NL__2PRFIN20100609_023959_000000372090_00118_43258_3837.N1	09-JUN-2010 02:39:59	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	43258	No
36	GOM_NL__2PRFIN20100609_024322_000000322090_00118_43258_3838.N1	09-JUN-2010 02:43:22	Tw_i_and_stray	32.000	126	60Bet Oph	2.7700	4250.0	64	43258	No
37	GOM_NL__2PRFIN20100609_024734_000000412090_00118_43258_3839.N1	09-JUN-2010 02:47:34	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	43258	No
38	GOM_NL__2PRFIN20100609_025046_000000402090_00118_43258_3840.N1	09-JUN-2010 02:50:46	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43258	No
39	GOM_NL__2PRFIN20100609_025755_000000392090_00118_43258_3841.N1	09-JUN-2010 02:57:55	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43258	No
40	GOM_NL__2PRFIN20100609_030842_000000492090_00118_43258_3842.N1	09-JUN-2010 03:08:42	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43258	No
41	GOM_NL__2PRFIN20100609_031438_000000392090_00118_43258_3843.N1	09-JUN-2010 03:14:38	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	43258	No
42	GOM_NL__2PRFIN20100609_032028_000000392090_00118_43258_3844.N1	09-JUN-2010 03:20:28	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43258	No

279	GOM_NL__2PRFIN20100609_223746_000000522090_00130_43270_3973.N1	09-JUN-2010 22:37:46	Twilight	51.500	167	10Gam2Sgr	2.9840	4500.0	103	43270	No
280	GOM_NL__2PRFIN20100609_224318_000000432090_00130_43270_3974.N1	09-JUN-2010 22:43:18	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	43270	No
281	GOM_NL__2PRFIN20100609_224504_000000392090_00130_43270_3975.N1	09-JUN-2010 22:45:04	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43270	No
282	GOM_NL__2PRFIN20100609_224711_000000382090_00130_43270_3976.N1	09-JUN-2010 22:47:11	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	43270	No
283	GOM_NL__2PRFIN20100609_225028_000000512090_00130_43270_3977.N1	09-JUN-2010 22:50:28	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	43270	No
284	GOM_NL__2PRFIN20100609_225307_000000482090_00130_43270_3978.N1	09-JUN-2010 22:53:07	Bright	47.500	59	55Alp Oph	2.0800	8900.0	95	43270	No
285	GOM_NL__2PRFIN20100609_225443_000000422090_00130_43270_3979.N1	09-JUN-2010 22:54:43	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	43270	No
286	GOM_NL__2PRFIN20100609_225754_000000392090_00130_43270_3980.N1	09-JUN-2010 22:57:54	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43270	No
287	GOM_NL__2PRFIN20100609_230501_000000422090_00130_43270_3981.N1	09-JUN-2010 23:05:01	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	43270	No
288	GOM_NL__2PRFIN20100609_231545_000000492090_00130_43270_3982.N1	09-JUN-2010 23:15:45	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43270	No
289	GOM_NL__2PRFIN20100609_232147_000000582090_00130_43270_3983.N1	09-JUN-2010 23:21:47	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43270	No
290	GOM_NL__2PRFIN20100609_232740_000000382090_00130_43270_3984.N1	09-JUN-2010 23:27:40	Bright	38.000	73	57Gam1And	2.2600	13100.	76	43270	No
291	GOM_NL__2PRFIN20100609_232959_000000512090_00130_43270_3985.N1	09-JUN-2010 23:29:59	Twilight	51.000	53	43Bet And	2.0480	3300.0	102	43270	No
292	GOM_NL__2PRFIN20100609_233316_000000482090_00130_43270_3986.N1	09-JUN-2010 23:33:16	Dark	47.500	50	13Alp Ari	2.0070	4250.0	95	43270	No
293	GOM_NL__2PRFIN20100609_234756_000000542090_00130_43270_3987.N1	09-JUN-2010 23:47:56	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43270	No
294	GOM_NL__2PRFIN20100609_235426_000000452090_00130_43270_3988.N1	09-JUN-2010 23:54:26	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43270	No

3. Quality information per product

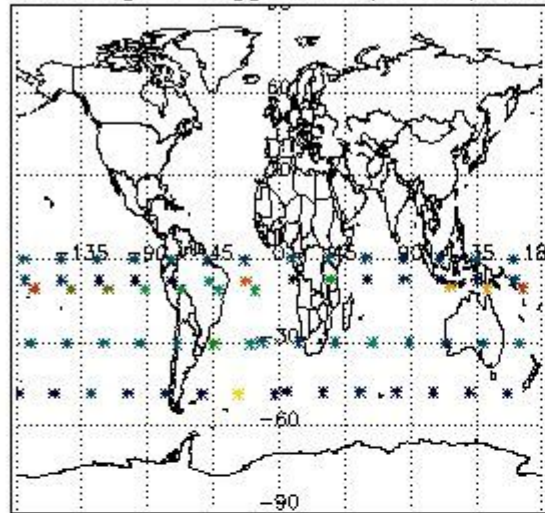
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

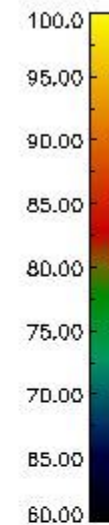
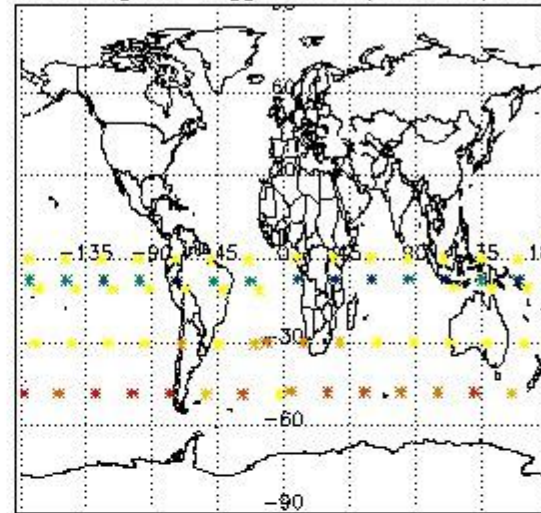


3.2 Plot quality information per product (world map)

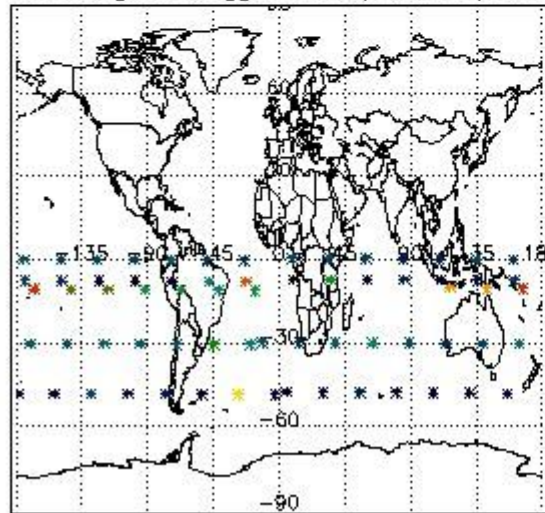
Percentage of flagged data per O3 profile



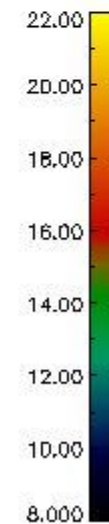
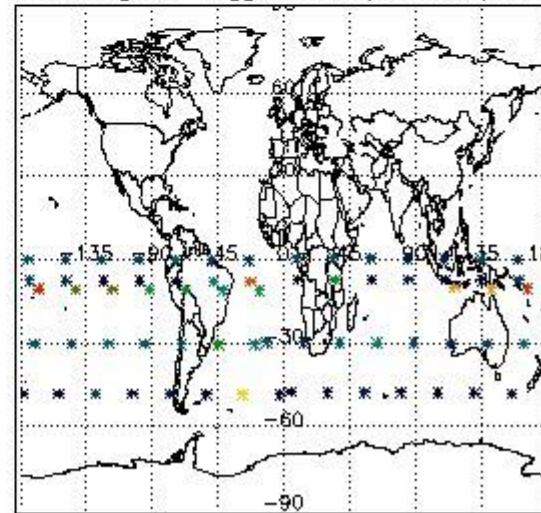
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

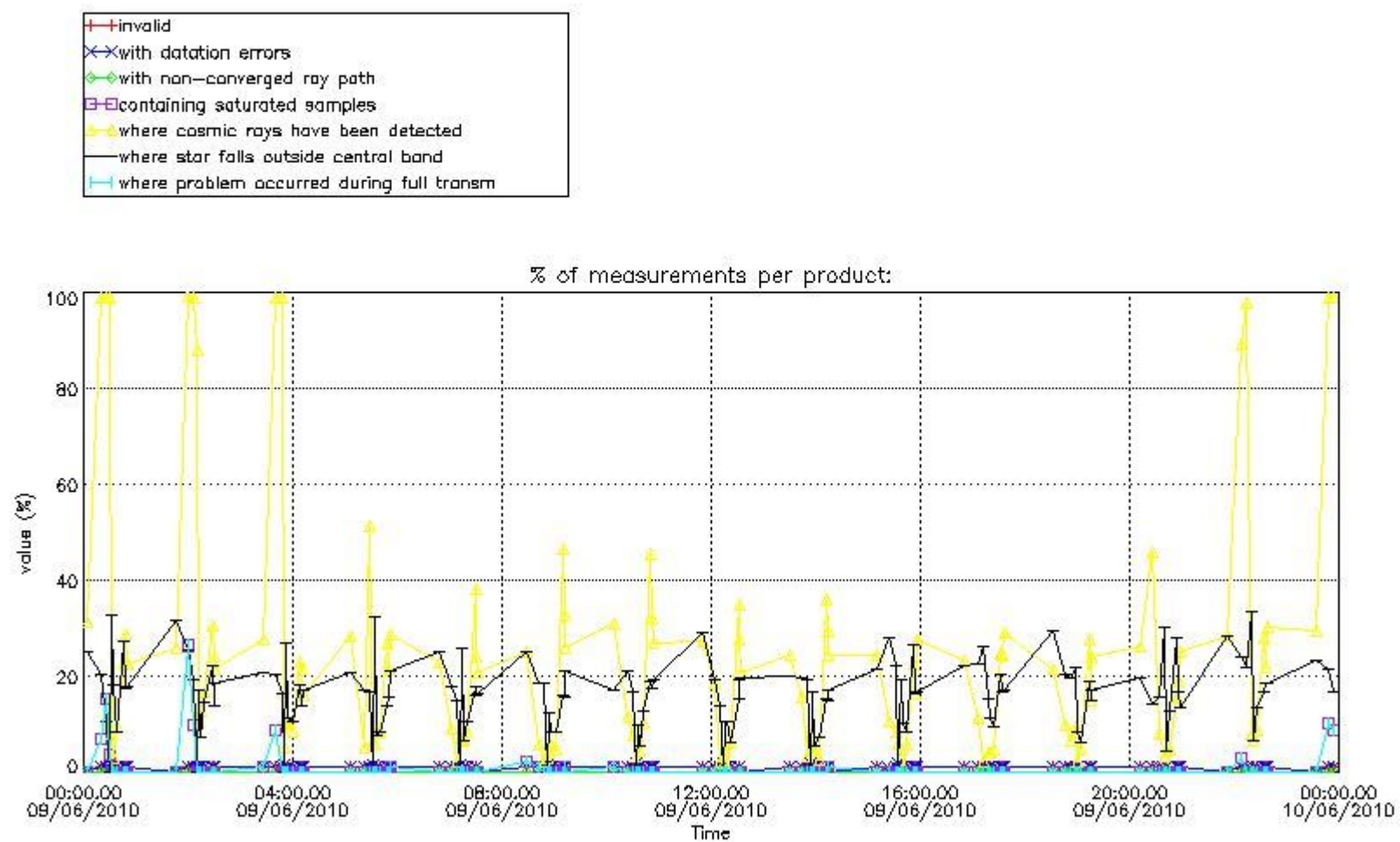


4. Level 1 quality information per product

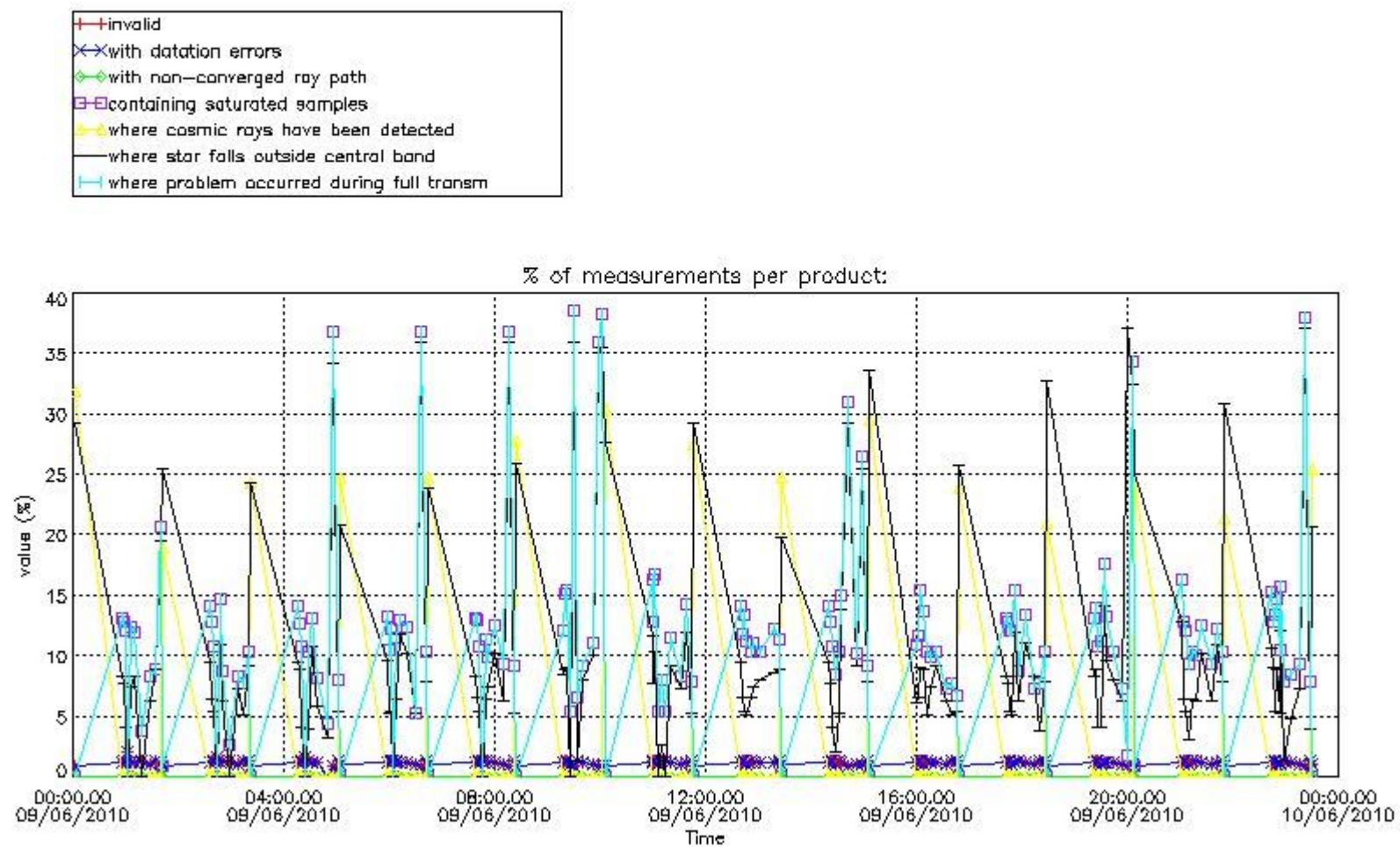
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

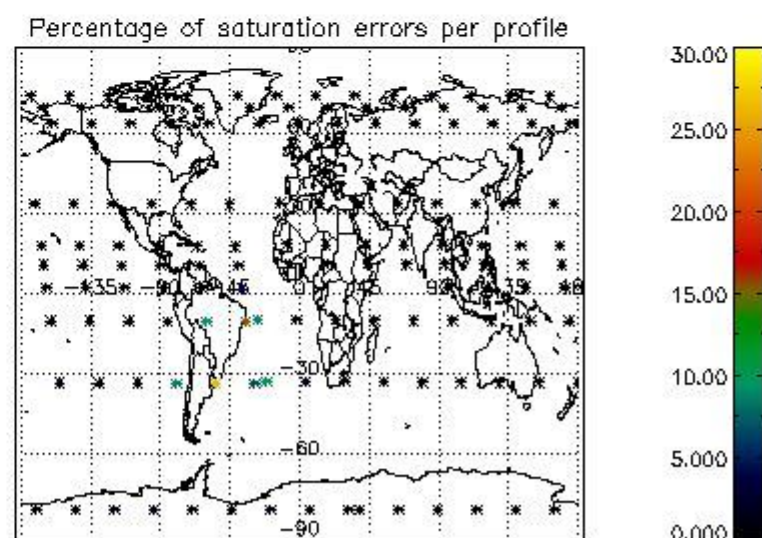
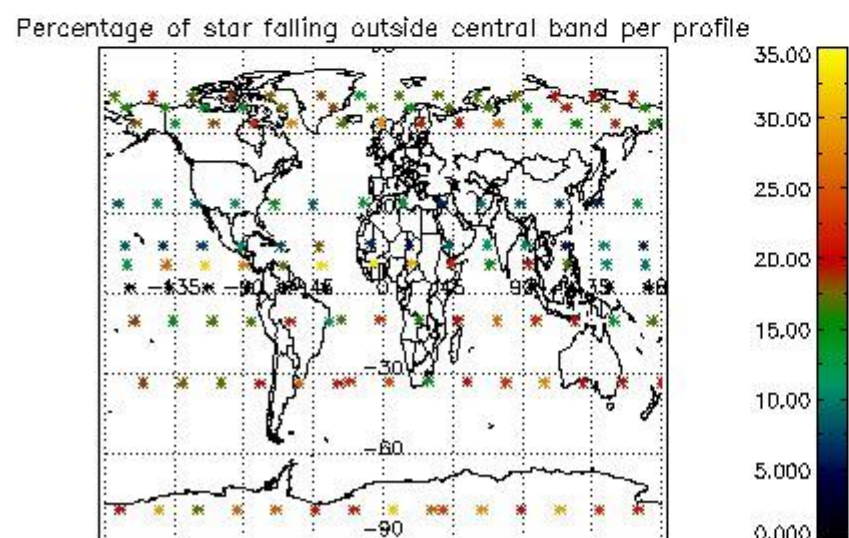
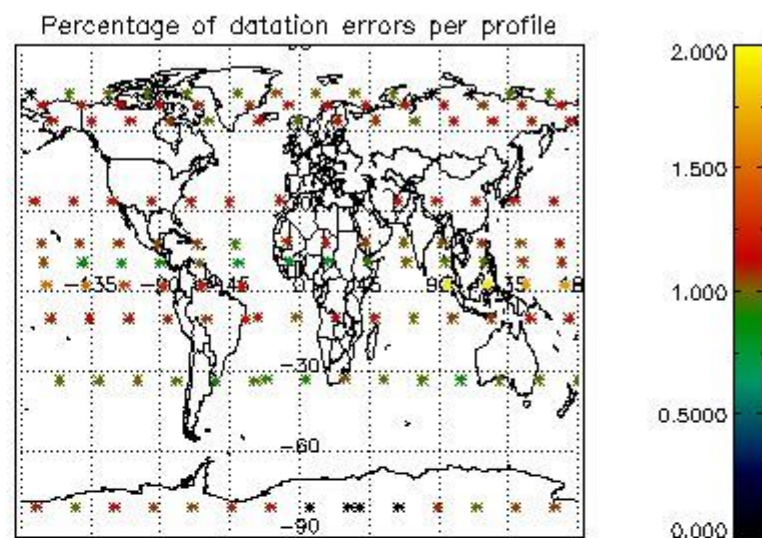
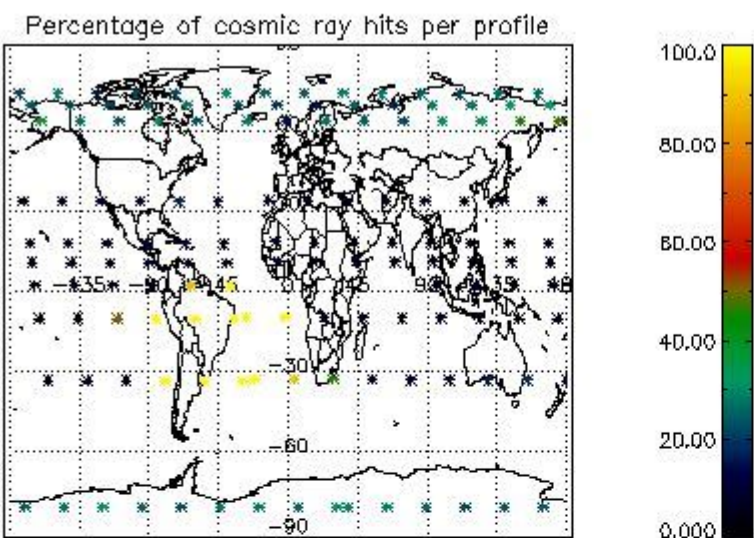


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

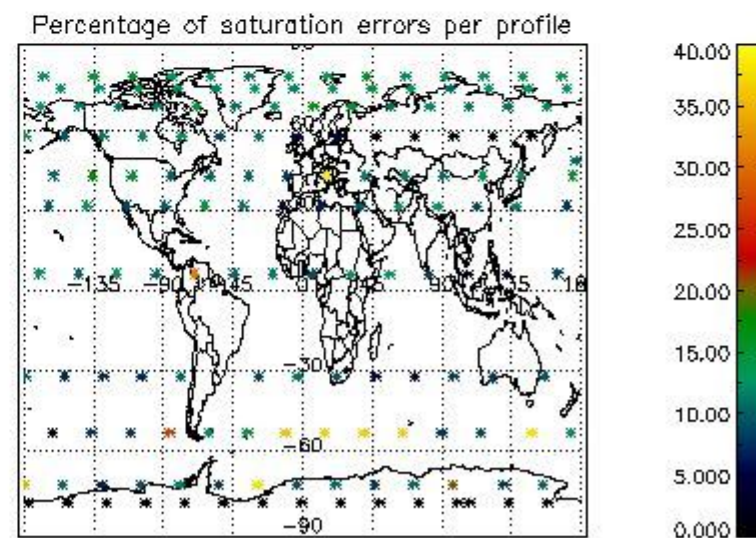
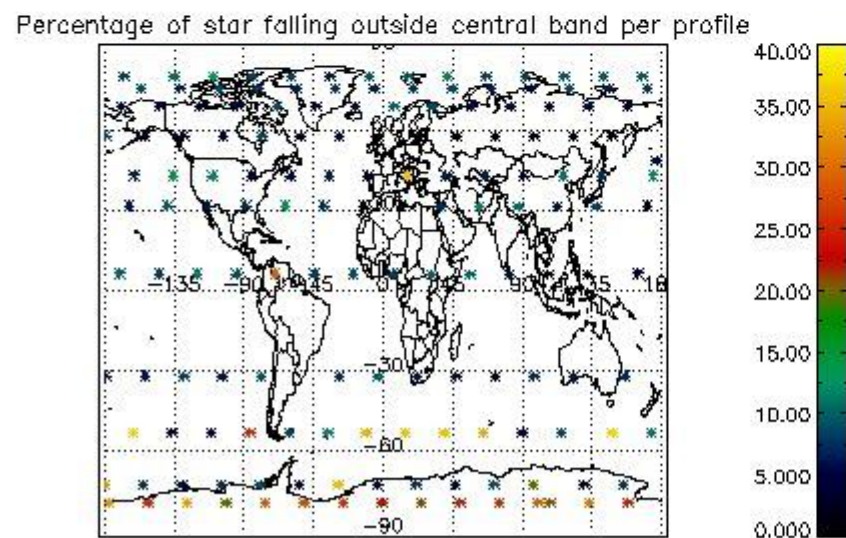
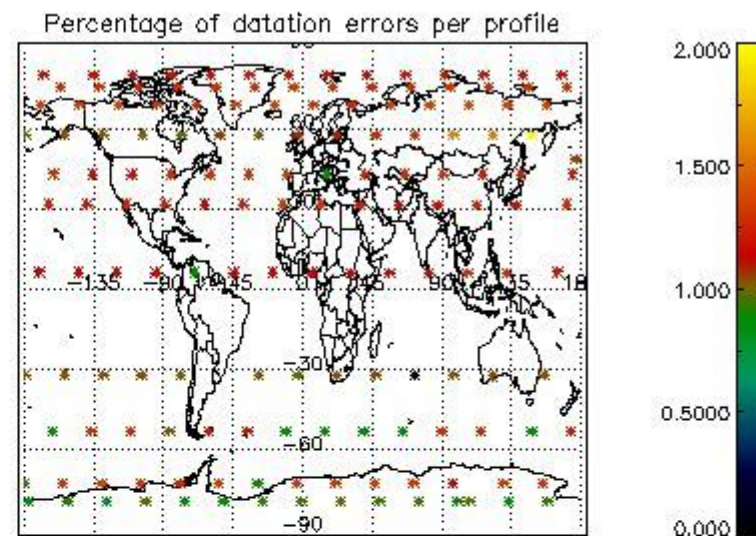
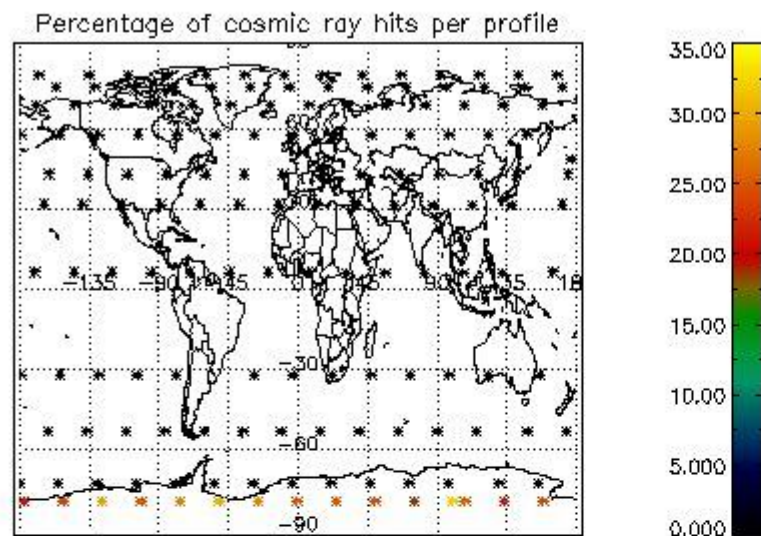


4.2 Plot quality information per product coming from level 1b processing (world map)

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

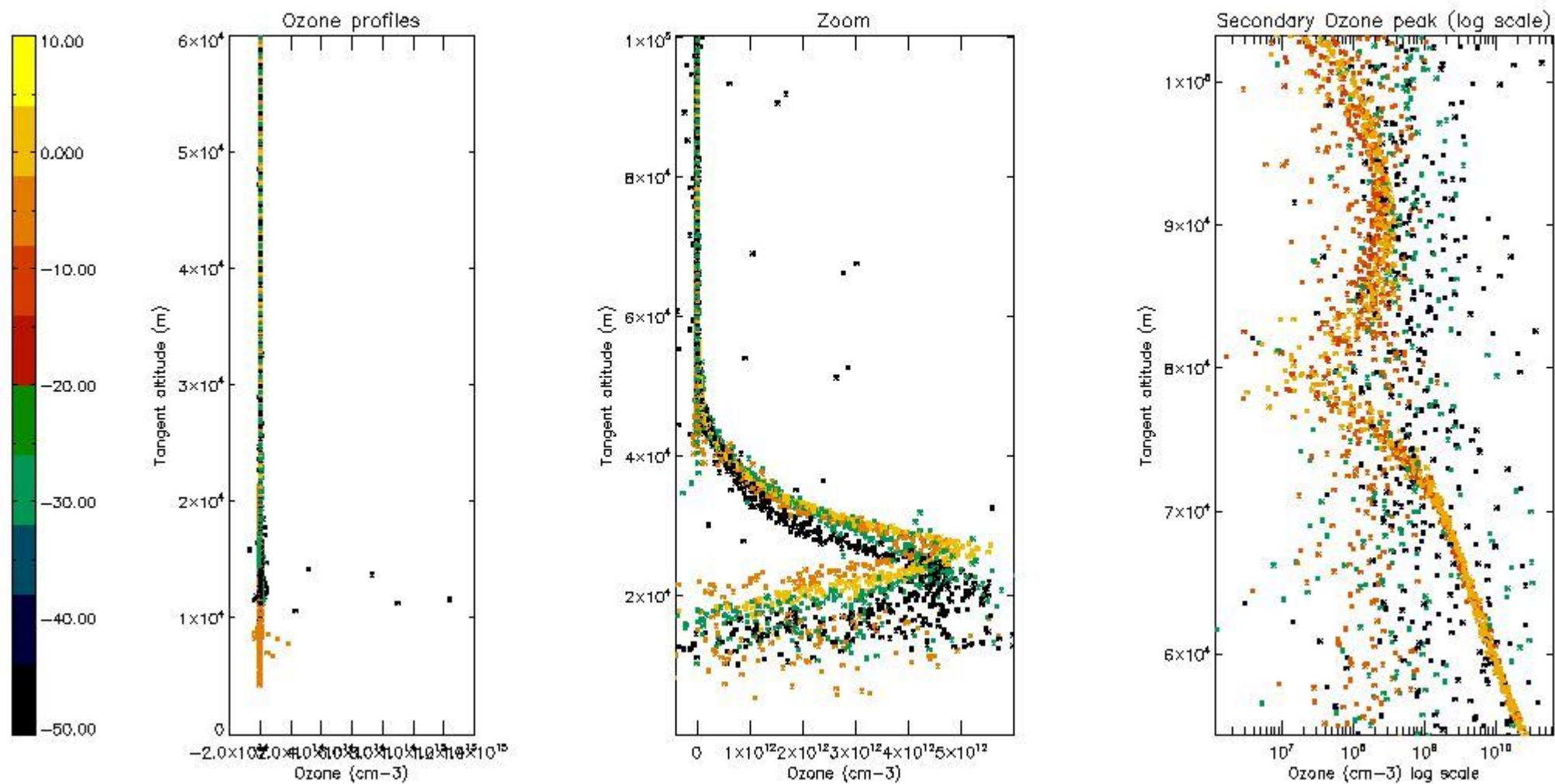
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	8

STD < 10	5
STD < 5	3

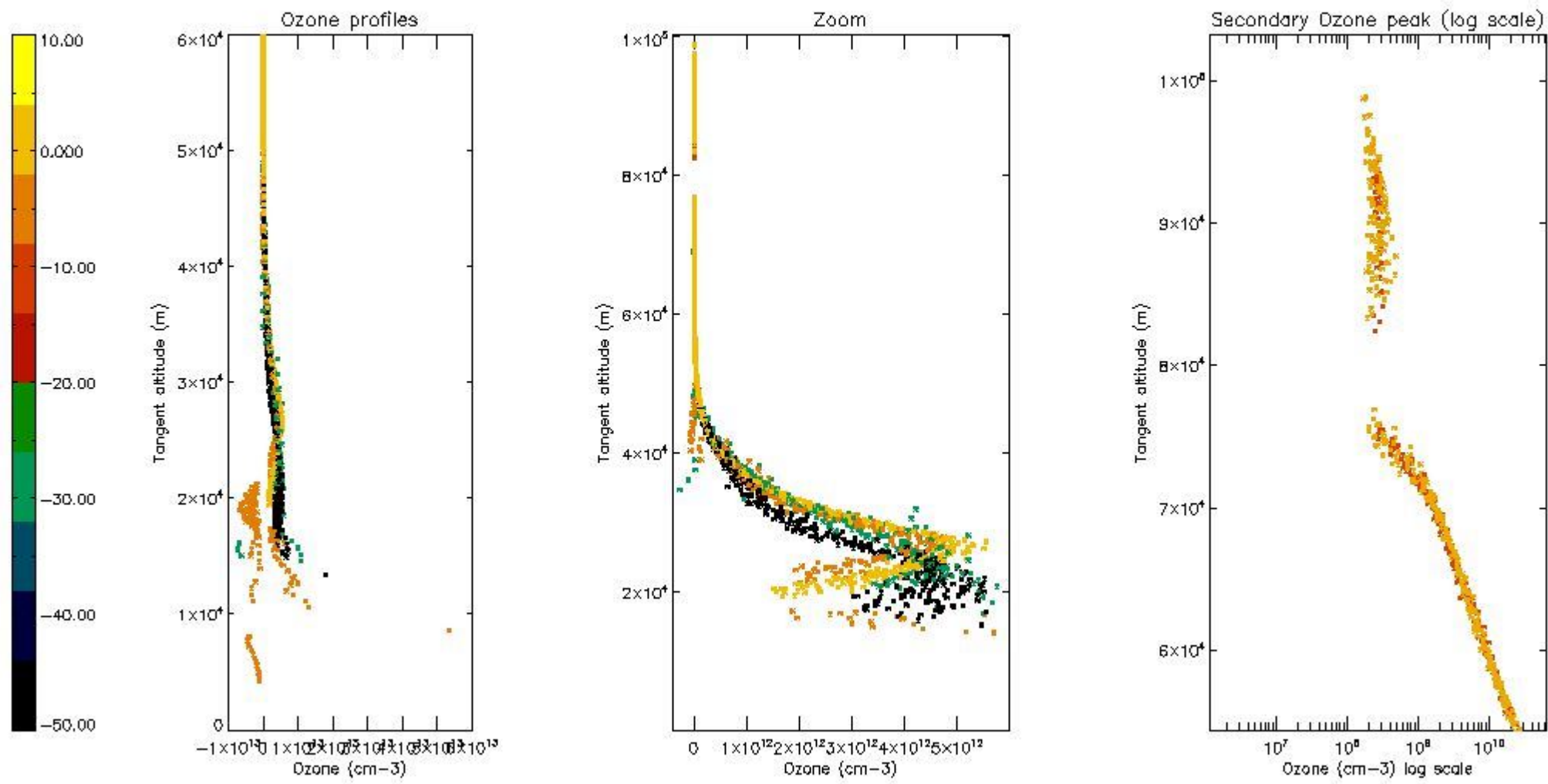
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



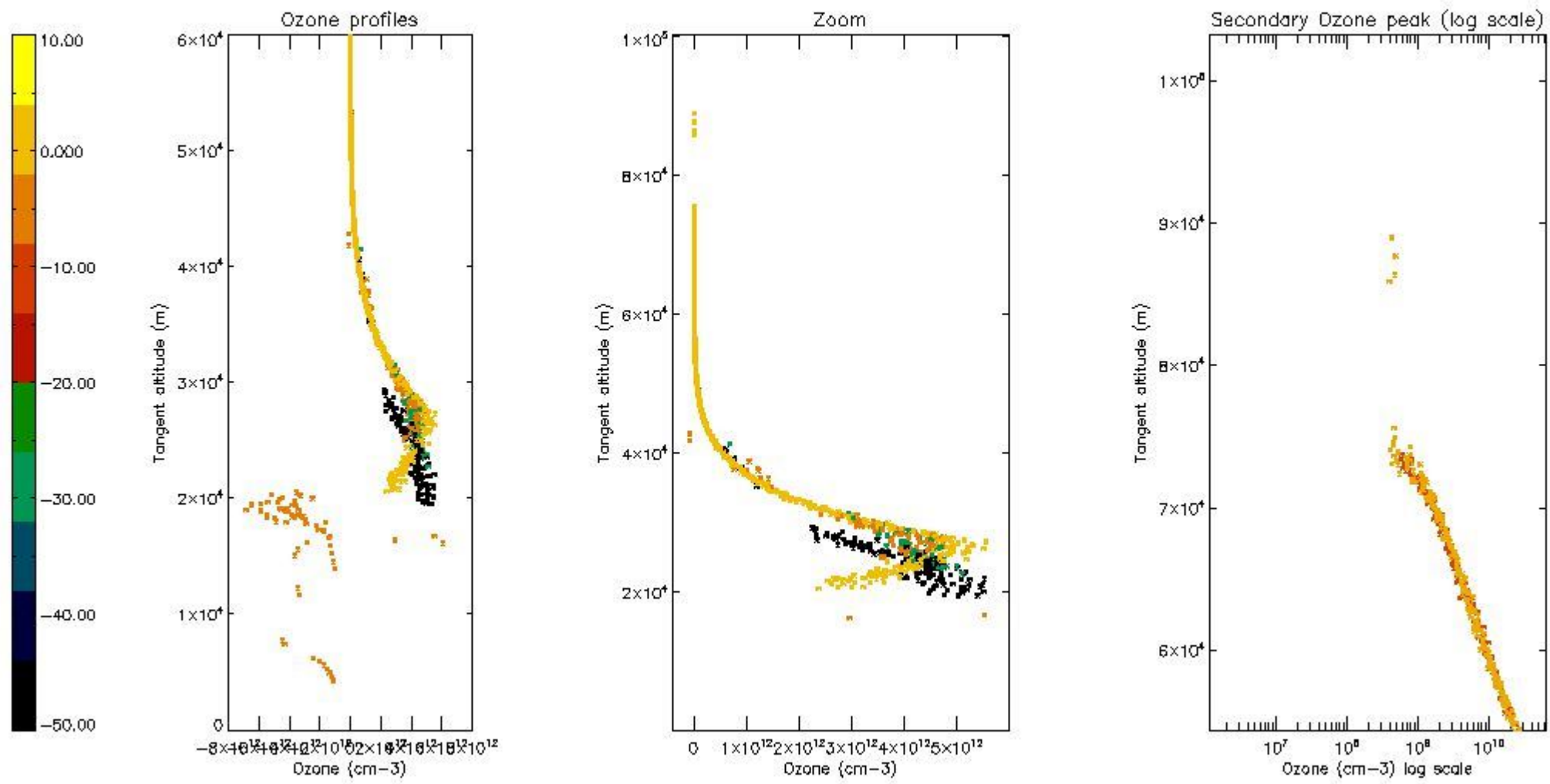
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



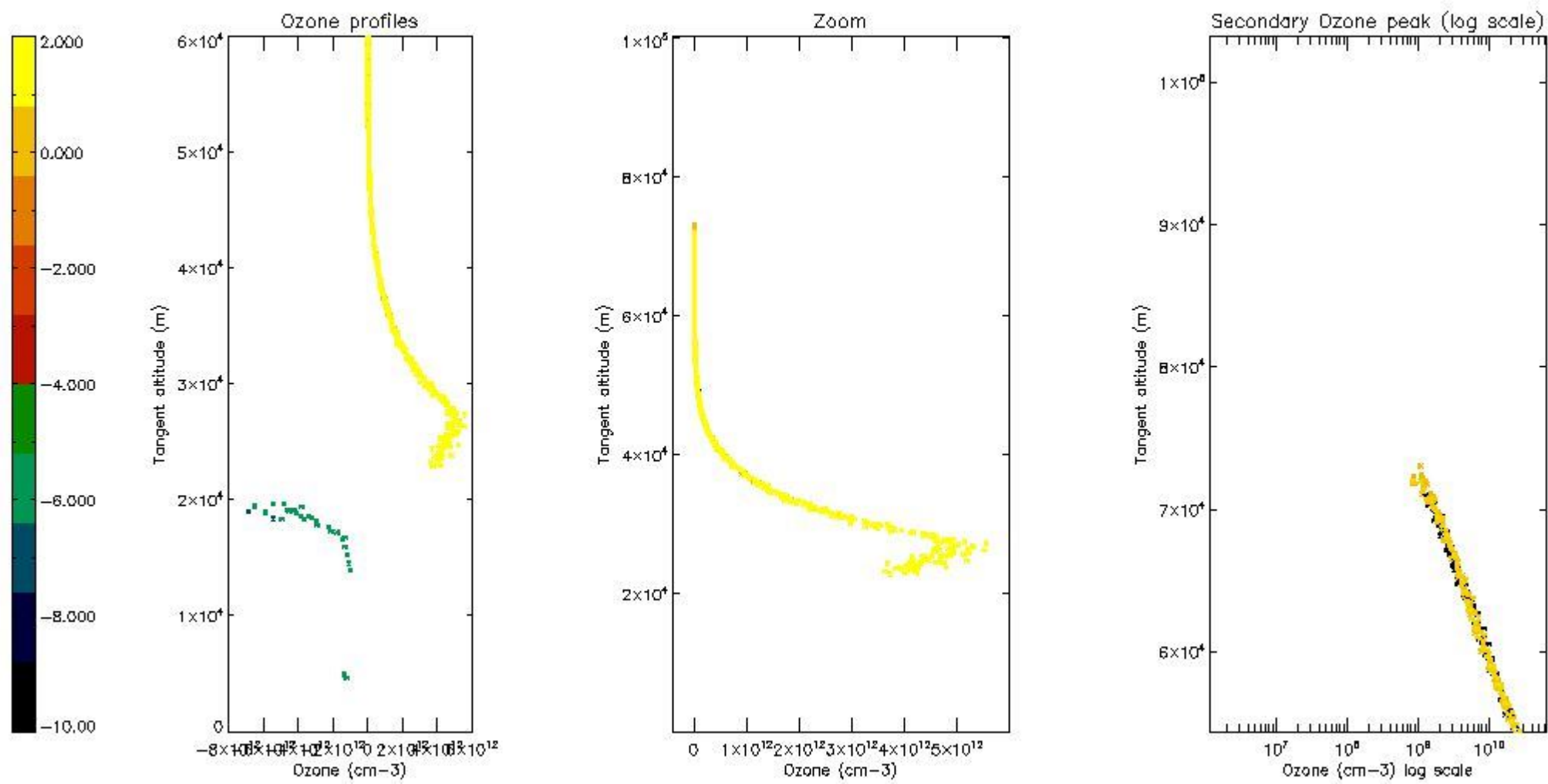
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



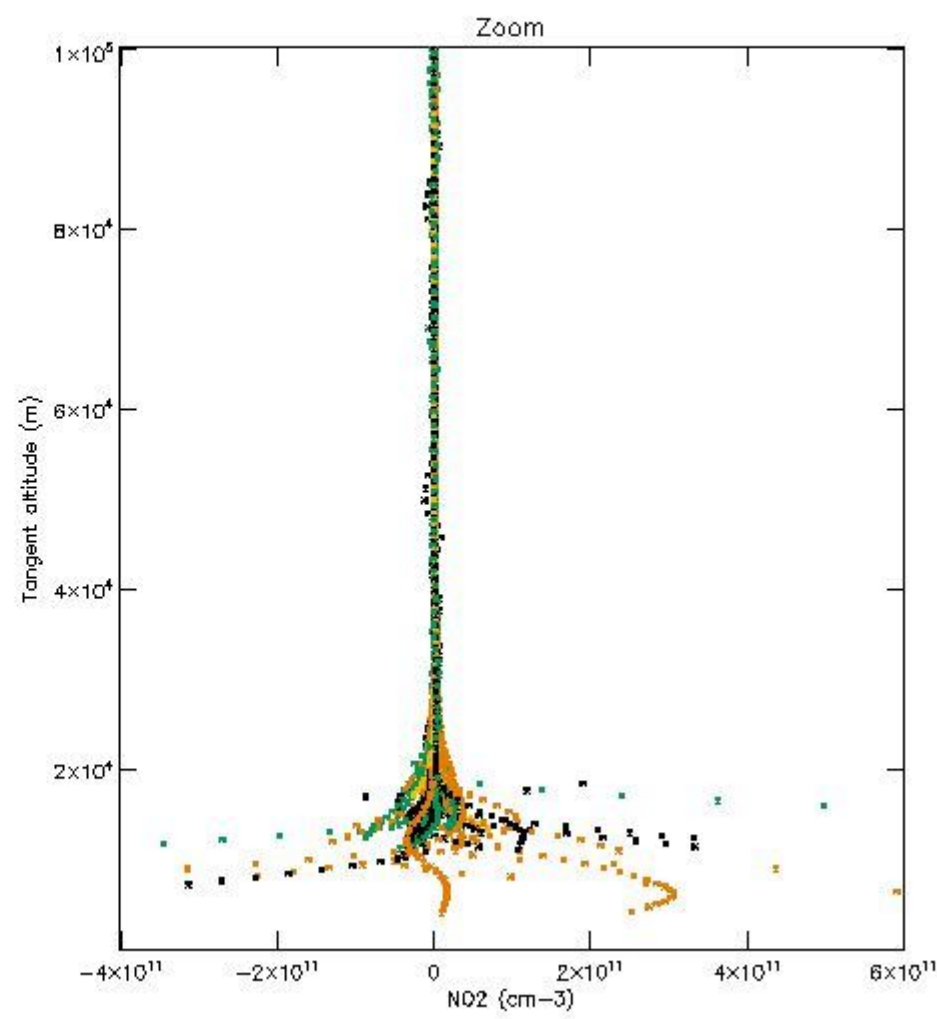
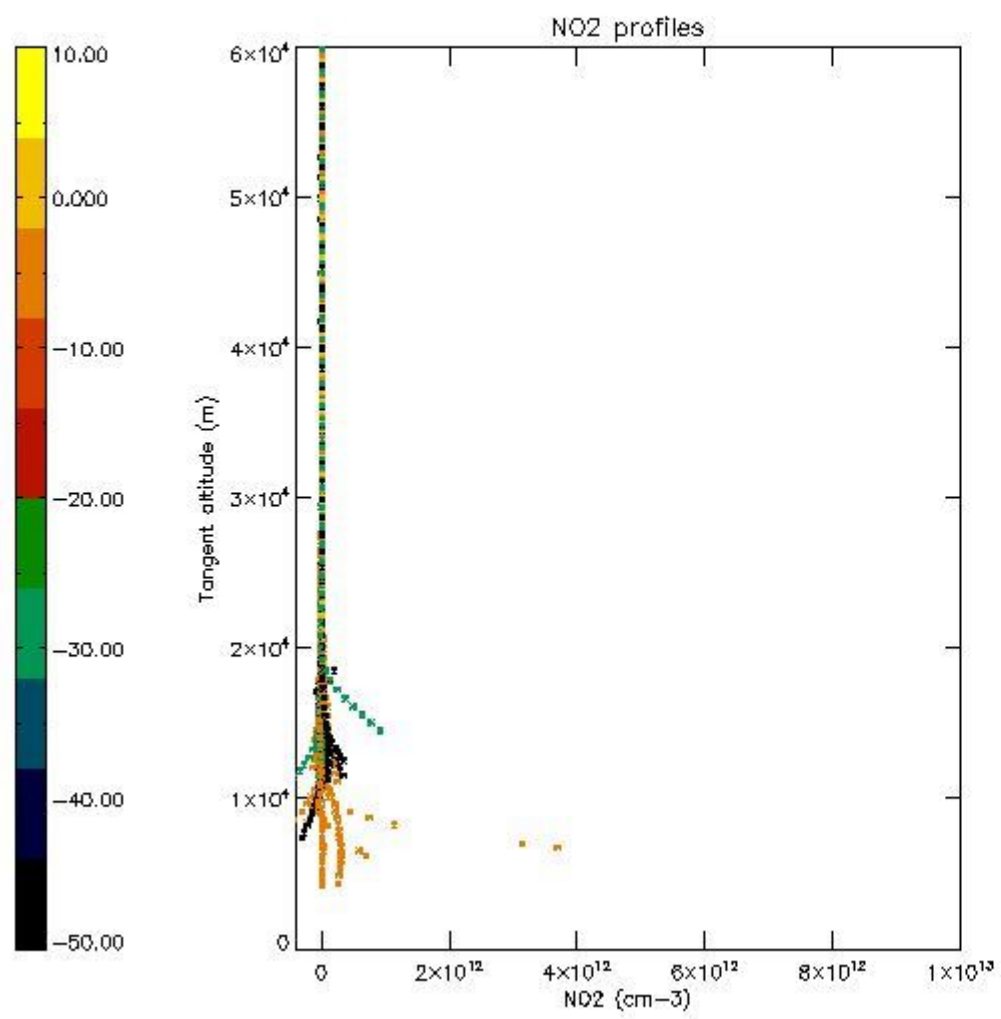
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



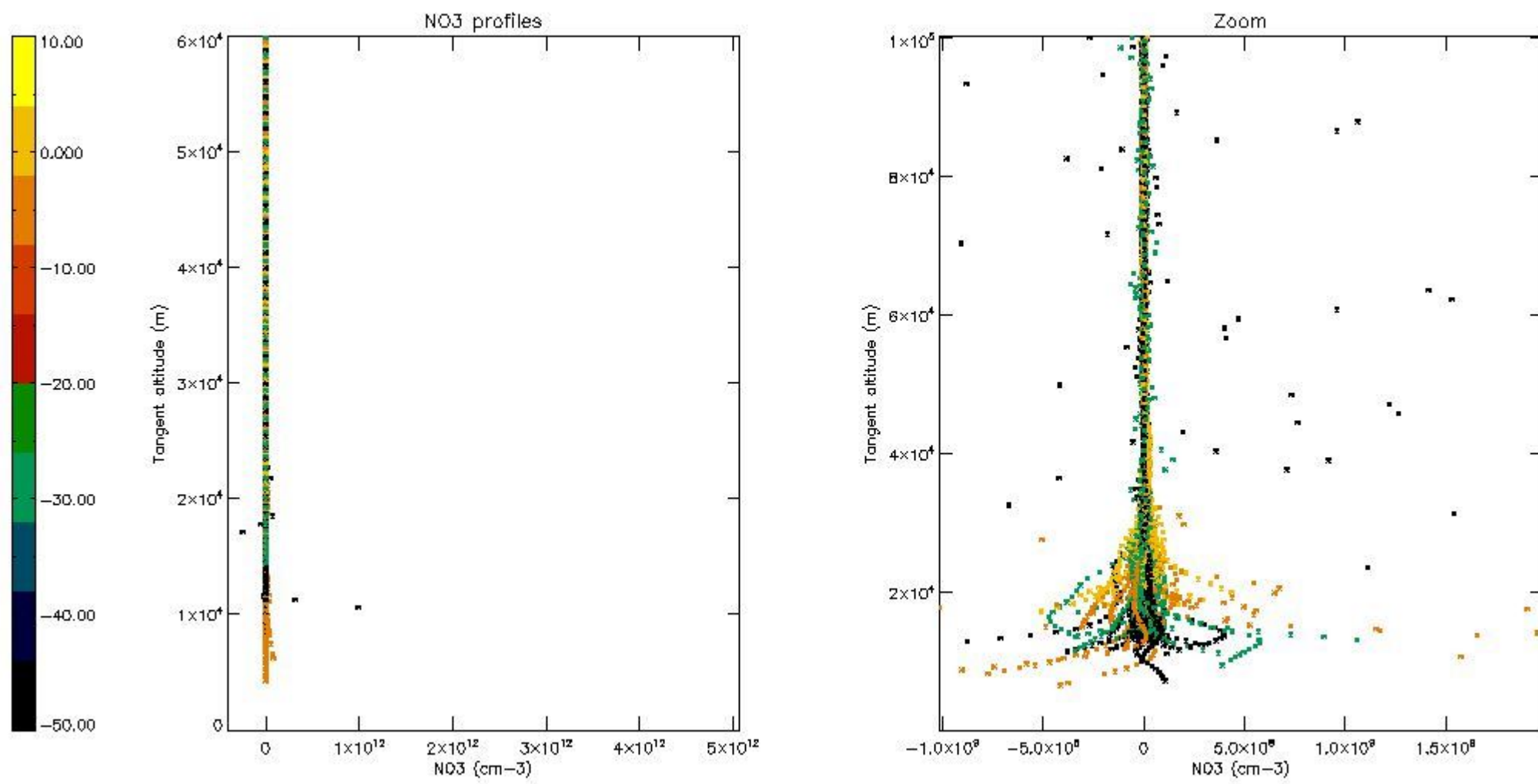
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



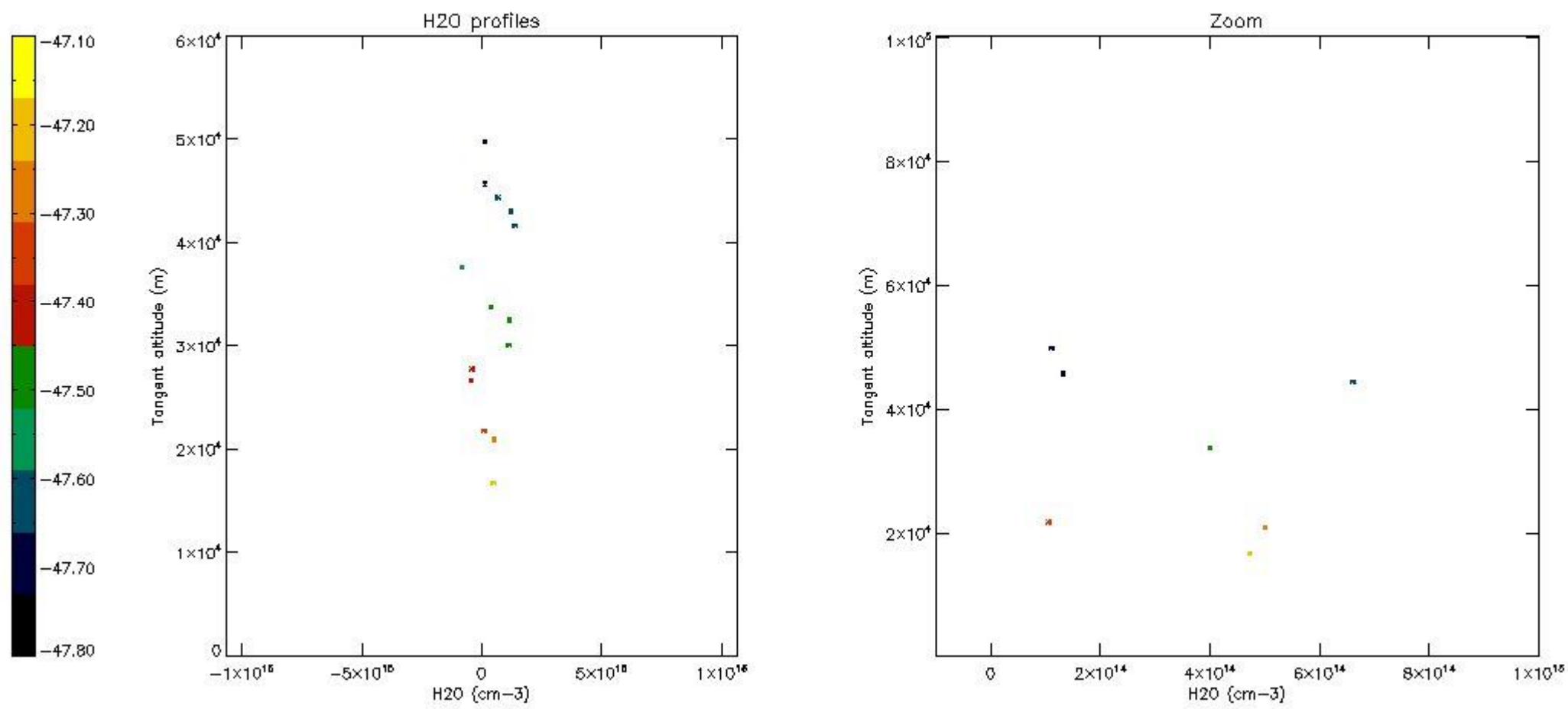
5.7 Plot NO3 profiles for all STD (dark without errors)

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-JUN-2010 00:01:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUN-2010 00:01:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUN-2010 00:01:35

GOMOS Level 2 Daily Report

SUMMARY

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[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

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

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[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

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[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

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[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

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

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

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

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

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

[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	29APR2013 11:44:45
Data source version	GOMOS/6.01
Start time of products	09-06-2010 (09JUN2010 00:00:00)
Stop time of products	10-06-2010 (10JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	294
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__2PRFIN20100609_000135_000000572090_00116_43256_3829.N1	09-JUN-2010 00:01:35	Bright	56.500	53	43Bet And	2.0480	3300.0	113	43256	No
2	GOM_NL__2PRFIN20100609_000450_000000482090_00116_43256_3830.N1	09-JUN-2010 00:04:50	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	43256	No
3	GOM_NL__2PRFIN20100609_001921_000000522090_00116_43256_3831.N1	09-JUN-2010 00:19:21	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43256	No
4	GOM_NL__2PRFIN20100609_002553_000000432090_00116_43256_3832.N1	09-JUN-2010 00:25:53	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	43256	No
5	GOM_NL__2PRFIN20100609_002918_000000422090_00117_43257_3820.N1	09-JUN-2010 00:29:18	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	43257	No
6	GOM_NL__2PRFIN20100609_003144_000000632090_00117_43257_3821.N1	09-JUN-2010 00:31:44	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	43257	No
7	GOM_NL__2PRFIN20100609_003343_000000532090_00117_43257_3822.N1	09-JUN-2010 00:33:43	Dark	52.500	31	Alp Gru	1.7340	15200.	105	43257	No
8	GOM_NL__2PRFIN20100609_003810_000000422090_00117_43257_3823.N1	09-JUN-2010 00:38:10	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43257	No
9	GOM_NL__2PRFIN20100609_004648_000000512090_00117_43257_3824.N1	09-JUN-2010 00:46:48	Straylight	51.000	40	The Sco	1.8590	7100.0	102	43257	No
10	GOM_NL__2PRFIN20100609_004833_000000462090_00117_43257_3825.N1	09-JUN-2010 00:48:33	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	43257	No
11	GOM_NL__2PRFIN20100609_004955_000000512090_00117_43257_3826.N1	09-JUN-2010 00:49:55	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	43257	No
12	GOM_NL__2PRFIN20100609_005529_000000422090_00117_43257_3827.N1	09-JUN-2010 00:55:29	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43257	No
13	GOM_NL__2PRFIN20100609_005716_000000392090_00117_43257_3828.N1	09-JUN-2010 00:57:16	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43257	No
14	GOM_NL__2PRFIN20100609_005923_000000382090_00117_43257_3829.N1	09-JUN-2010 00:59:23	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	43257	No
15	GOM_NL__2PRFIN20100609_010246_000000252090_00117_43257_3830.N1	09-JUN-2010 01:02:46	Tw_i_and_stray	25.000	126	60Bet Oph	2.7700	4250.0	50	43257	No
16	GOM_NL__2PRFIN20100609_010658_000000412090_00117_43257_3831.N1	09-JUN-2010 01:06:58	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	43257	No
17	GOM_NL__2PRFIN20100609_011011_000000422090_00117_43257_3832.N1	09-JUN-2010 01:10:11	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	43257	No
18	GOM_NL__2PRFIN20100609_011720_000000392090_00117_43257_3833.N1	09-JUN-2010 01:17:20	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43257	No
19	GOM_NL__2PRFIN20100609_012806_000000482090_00117_43257_3834.N1	09-JUN-2010 01:28:06	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43257	No
20	GOM_NL__2PRFIN20100609_013402_000000402090_00117_43257_3835.N1	09-JUN-2010 01:34:02	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	43257	No
21	GOM_NL__2PRFIN20100609_013952_000000442090_00117_43257_3836.N1	09-JUN-2010 01:39:52	Bright	43.500	73	57Gam1And	2.2600	13100.	87	43257	No
22	GOM_NL__2PRFIN20100609_014211_000000532090_00117_43257_3837.N1	09-JUN-2010 01:42:11	Bright	53.000	53	43Bet And	2.0480	3300.0	106	43257	No
23	GOM_NL__2PRFIN20100609_014526_000000522090_00117_43257_3838.N1	09-JUN-2010 01:45:26	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	43257	No
24	GOM_NL__2PRFIN20100609_015958_000000552090_00117_43257_3839.N1	09-JUN-2010 01:59:58	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	43257	No
25	GOM_NL__2PRFIN20100609_020630_000000472090_00117_43257_3840.N1	09-JUN-2010 02:06:30	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43257	No
26	GOM_NL__2PRFIN20100609_020955_000000422090_00118_43258_3828.N1	09-JUN-2010 02:09:55	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	43258	No
27	GOM_NL__2PRFIN20100609_021220_000000502090_00118_43258_3829.N1	09-JUN-2010 02:12:20	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	43258	No
28	GOM_NL__2PRFIN20100609_021420_000000472090_00118_43258_3830.N1	09-JUN-2010 02:14:20	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43258	No
29	GOM_NL__2PRFIN20100609_021846_000000452090_00118_43258_3831.N1	09-JUN-2010 02:18:46	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43258	No
30	GOM_NL__2PRFIN20100609_022725_000000482090_00118_43258_3832.N1	09-JUN-2010 02:27:25	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43258	No
31	GOM_NL__2PRFIN20100609_022910_000000442090_00118_43258_3833.N1	09-JUN-2010 02:29:10	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	43258	No
32	GOM_NL__2PRFIN20100609_023031_000000512090_00118_43258_3834.N1	09-JUN-2010 02:30:31	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	43258	No
33	GOM_NL__2PRFIN20100609_023605_000000432090_00118_43258_3835.N1	09-JUN-2010 02:36:05	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	43258	No
34	GOM_NL__2PRFIN20100609_023752_000000392090_00118_43258_3836.N1	09-JUN-2010 02:37:52	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43258	No
35	GOM_NL__2PRFIN20100609_023959_000000372090_00118_43258_3837.N1	09-JUN-2010 02:39:59	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	43258	No
36	GOM_NL__2PRFIN20100609_024322_000000322090_00118_43258_3838.N1	09-JUN-2010 02:43:22	Tw_i_and_stray	32.000	126	60Bet Oph	2.7700	4250.0	64	43258	No
37	GOM_NL__2PRFIN20100609_024734_000000412090_00118_43258_3839.N1	09-JUN-2010 02:47:34	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	43258	No
38	GOM_NL__2PRFIN20100609_025046_000000402090_00118_43258_3840.N1	09-JUN-2010 02:50:46	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43258	No
39	GOM_NL__2PRFIN20100609_025755_000000392090_00118_43258_3841.N1	09-JUN-2010 02:57:55	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43258	No
40	GOM_NL__2PRFIN20100609_030842_000000492090_00118_43258_3842.N1	09-JUN-2010 03:08:42	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43258	No
41	GOM_NL__2PRFIN20100609_031438_000000392090_00118_43258_3843.N1	09-JUN-2010 03:14:38	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	43258	No
42	GOM_NL__2PRFIN20100609_032028_000000392090_00118_43258_3844.N1	09-JUN-2010 03:20:28	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43258	No

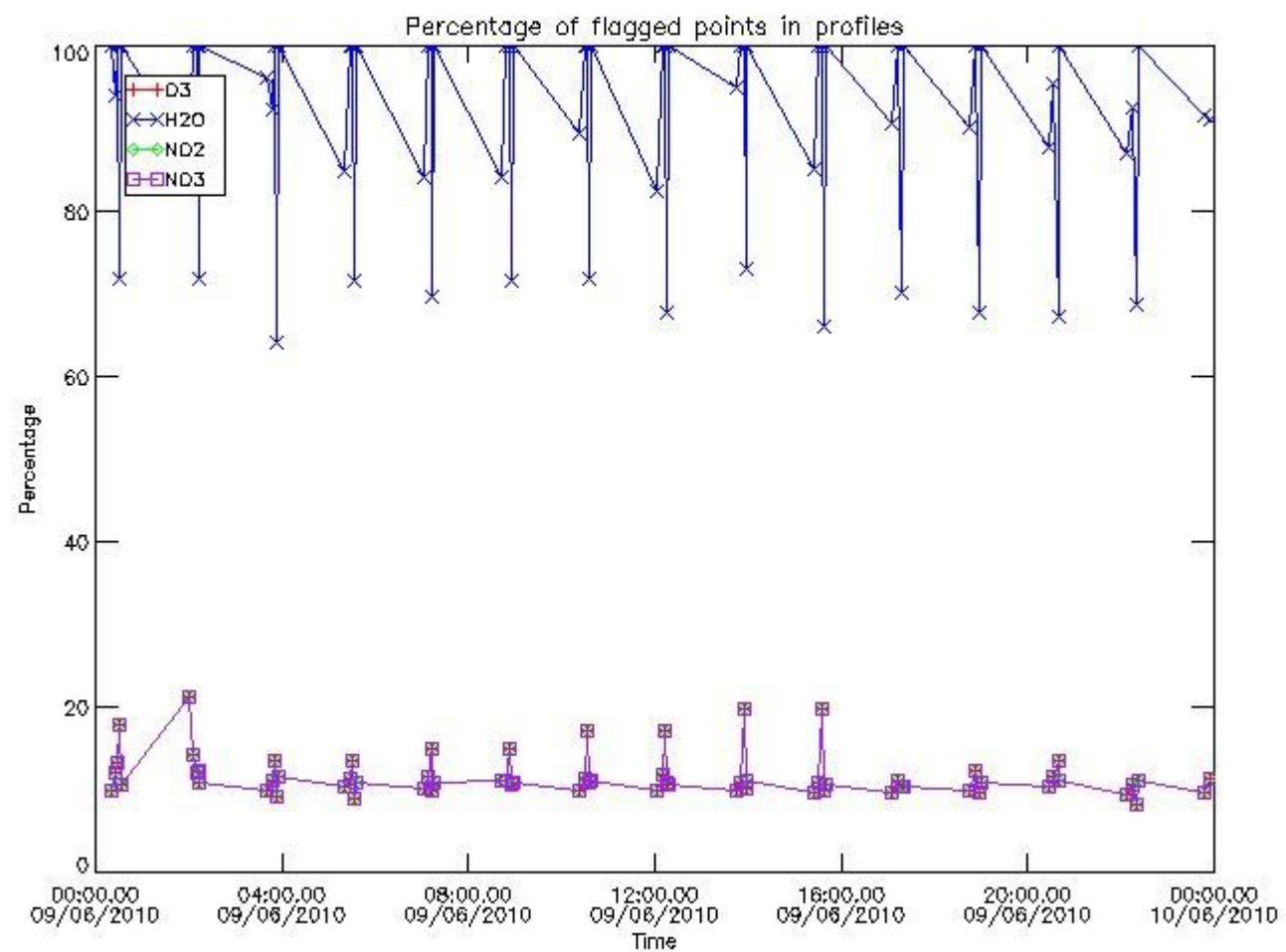
220	GOM_NL__2PRFIN20100609_174130_000000422090_00127_43267_3930.N1	09-JUN-2010 17:41:30	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43267	No
221	GOM_NL__2PRFIN20100609_174316_000000392090_00127_43267_3931.N1	09-JUN-2010 17:43:16	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43267	No
222	GOM_NL__2PRFIN20100609_174523_000000382090_00127_43267_3932.N1	09-JUN-2010 17:45:23	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	43267	No
223	GOM_NL__2PRFIN20100609_174842_000000502090_00127_43267_3933.N1	09-JUN-2010 17:48:42	Bright	49.500	126	60Bet Oph	2.7700	4250.0	99	43267	No
224	GOM_NL__2PRFIN20100609_175256_000000422090_00127_43267_3934.N1	09-JUN-2010 17:52:56	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	43267	No
225	GOM_NL__2PRFIN20100609_175607_000000402090_00127_43267_3935.N1	09-JUN-2010 17:56:07	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43267	No
226	GOM_NL__2PRFIN20100609_180314_000000452090_00127_43267_3936.N1	09-JUN-2010 18:03:14	Bright	45.000	130	23Bet Dra	2.7990	5800.0	90	43267	No
227	GOM_NL__2PRFIN20100609_181359_000000482090_00127_43267_3937.N1	09-JUN-2010 18:13:59	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43267	No
228	GOM_NL__2PRFIN20100609_182000_000000392090_00127_43267_3938.N1	09-JUN-2010 18:20:00	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	43267	No
229	GOM_NL__2PRFIN20100609_182552_000000392090_00127_43267_3939.N1	09-JUN-2010 18:25:52	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43267	No
230	GOM_NL__2PRFIN20100609_182811_000000602090_00127_43267_3940.N1	09-JUN-2010 18:28:11	Bright	59.500	53	43Bet And	2.0480	3300.0	119	43267	No
231	GOM_NL__2PRFIN20100609_183128_000000512090_00127_43267_3941.N1	09-JUN-2010 18:31:28	Twilight	51.000	50	13Alp Ari	2.0070	4250.0	102	43267	No
232	GOM_NL__2PRFIN20100609_184606_000000522090_00127_43267_3942.N1	09-JUN-2010 18:46:06	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	43267	No
233	GOM_NL__2PRFIN20100609_185236_000000462090_00127_43267_3943.N1	09-JUN-2010 18:52:36	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	43267	No
234	GOM_NL__2PRFIN20100609_185829_000000532090_00128_43268_3932.N1	09-JUN-2010 18:58:29	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	43268	No
235	GOM_NL__2PRFIN20100609_190030_000000472090_00128_43268_3933.N1	09-JUN-2010 19:00:30	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43268	No
236	GOM_NL__2PRFIN20100609_190452_000000412090_00128_43268_3934.N1	09-JUN-2010 19:04:52	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43268	No
237	GOM_NL__2PRFIN20100609_191328_000000452090_00128_43268_3935.N1	09-JUN-2010 19:13:28	Straylight	45.000	40	The Sco	1.8590	7100.0	90	43268	No
238	GOM_NL__2PRFIN20100609_191513_000000442090_00128_43268_3936.N1	09-JUN-2010 19:15:13	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	43268	No
239	GOM_NL__2PRFIN20100609_191634_000000502090_00128_43268_3937.N1	09-JUN-2010 19:16:34	Tw_i_and_stray	50.000	167	10Gam2Sgr	2.9840	4500.0	100	43268	No
240	GOM_NL__2PRFIN20100609_192206_000000422090_00128_43268_3938.N1	09-JUN-2010 19:22:06	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	43268	No
241	GOM_NL__2PRFIN20100609_192352_000000402090_00128_43268_3939.N1	09-JUN-2010 19:23:52	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	43268	No
242	GOM_NL__2PRFIN20100609_192559_000000372090_00128_43268_3940.N1	09-JUN-2010 19:25:59	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	43268	No
243	GOM_NL__2PRFIN20100609_192917_000000492090_00128_43268_3941.N1	09-JUN-2010 19:29:17	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	43268	No
244	GOM_NL__2PRFIN20100609_193331_000000432090_00128_43268_3942.N1	09-JUN-2010 19:33:31	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	43268	No
245	GOM_NL__2PRFIN20100609_193643_000000422090_00128_43268_3943.N1	09-JUN-2010 19:36:43	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	43268	No
246	GOM_NL__2PRFIN20100609_194350_000000442090_00128_43268_3944.N1	09-JUN-2010 19:43:50	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	43268	No
247	GOM_NL__2PRFIN20100609_195435_000000492090_00128_43268_3945.N1	09-JUN-2010 19:54:35	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43268	No
248	GOM_NL__2PRFIN20100609_200036_000000582090_00128_43268_3946.N1	09-JUN-2010 20:00:36	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43268	No
249	GOM_NL__2PRFIN20100609_200628_000000532090_00128_43268_3947.N1	09-JUN-2010 20:06:28	Bright	52.500	73	57Gam1And	2.2600	13100.	105	43268	No
250	GOM_NL__2PRFIN20100609_200847_000000542090_00128_43268_3948.N1	09-JUN-2010 20:08:47	Bright	54.000	53	43Bet And	2.0480	3300.0	108	43268	No
251	GOM_NL__2PRFIN20100609_201204_000000462090_00128_43268_3949.N1	09-JUN-2010 20:12:04	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	43268	No
252	GOM_NL__2PRFIN20100609_202642_000000492090_00128_43268_3950.N1	09-JUN-2010 20:26:42	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	43268	No
253	GOM_NL__2PRFIN20100609_203313_000000452090_00128_43268_3951.N1	09-JUN-2010 20:33:13	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	43268	No
254	GOM_NL__2PRFIN20100609_203906_000000602090_00129_43269_3940.N1	09-JUN-2010 20:39:06	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	43269	No
255	GOM_NL__2PRFIN20100609_204106_000000462090_00129_43269_3941.N1	09-JUN-2010 20:41:06	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43269	No
256	GOM_NL__2PRFIN20100609_204529_000000442090_00129_43269_3942.N1	09-JUN-2010 20:45:29	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43269	No
257	GOM_NL__2PRFIN20100609_205404_000000522090_00129_43269_3943.N1	09-JUN-2010 20:54:04	Straylight	51.500	40	The Sco	1.8590	7100.0	103	43269	No
258	GOM_NL__2PRFIN20100609_205549_000000452090_00129_43269_3944.N1	09-JUN-2010 20:55:49	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	43269	No
259	GOM_NL__2PRFIN20100609_205710_000000482090_00129_43269_3945.N1	09-JUN-2010 20:57:10	Tw_i_and_stray	48.000	167	10Gam2Sgr	2.9840	4500.0	96	43269	No
260	GOM_NL__2PRFIN20100609_210242_000000432090_00129_43269_3946.N1	09-JUN-2010 21:02:42	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	43269	No
261	GOM_NL__2PRFIN20100609_210428_000000392090_00129_43269_3947.N1	09-JUN-2010 21:04:28	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43269	No
262	GOM_NL__2PRFIN20100609_210635_000000382090_00129_43269_3948.N1	09-JUN-2010 21:06:35	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	43269	No
263	GOM_NL__2PRFIN20100609_210953_000000482090_00129_43269_3949.N1	09-JUN-2010 21:09:53	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	43269	No
264	GOM_NL__2PRFIN20100609_211407_000000392090_00129_43269_3950.N1	09-JUN-2010 21:14:07	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	43269	No
265	GOM_NL__2PRFIN20100609_211718_000000402090_00129_43269_3951.N1	09-JUN-2010 21:17:18	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	43269	No
266	GOM_NL__2PRFIN20100609_212425_000000442090_00129_43269_3952.N1	09-JUN-2010 21:24:25	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	43269	No
267	GOM_NL__2PRFIN20100609_213510_000000492090_00129_43269_3953.N1	09-JUN-2010 21:35:10	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43269	No
268	GOM_NL__2PRFIN20100609_214112_000000412090_00129_43269_3954.N1	09-JUN-2010 21:41:12	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	43269	No
269	GOM_NL__2PRFIN20100609_214704_000000392090_00129_43269_3955.N1	09-JUN-2010 21:47:04	Bright	38.500	73	57Gam1And	2.2600	13100.	77	43269	No
270	GOM_NL__2PRFIN20100609_214923_000000592090_00129_43269_3956.N1	09-JUN-2010 21:49:23	Bright	58.500	53	43Bet And	2.0480	3300.0	117	43269	No
271	GOM_NL__2PRFIN20100609_215240_000000502090_00129_43269_3957.N1	09-JUN-2010 21:52:40	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	43269	No
272	GOM_NL__2PRFIN20100609_220719_000000552090_00129_43269_3958.N1	09-JUN-2010 22:07:19	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	43269	No
273	GOM_NL__2PRFIN20100609_221349_000000482090_00129_43269_3959.N1	09-JUN-2010 22:13:49	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	43269	No
274	GOM_NL__2PRFIN20100609_221943_000000632090_00130_43270_3968.N1	09-JUN-2010 22:19:43	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	43270	No
275	GOM_NL__2PRFIN20100609_222144_000000462090_00130_43270_3969.N1	09-JUN-2010 22:21:44	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43270	No
276	GOM_NL__2PRFIN20100609_222605_000000452090_00130_43270_3970.N1	09-JUN-2010 22:26:05	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43270	No
277	GOM_NL__2PRFIN20100609_223441_000000452090_00130_43270_3971.N1	09-JUN-2010 22:34:41	Straylight	44.500	40	The Sco	1.8590	7100.0	89	43270	No
278	GOM_NL__2PRFIN20100609_223625_000000462090_00130_43270_3972.N1	09-JUN-2010 22:36:25	Tw_i_and_stray	46.000	25	35Lam Sco	1.6200	28000.	92	43270	No

279	GOM_NL__2PRFIN20100609_223746_000000522090_00130_43270_3973.N1	09-JUN-2010 22:37:46	Twilight	51.500	167	10Gam2Sgr	2.9840	4500.0	103	43270	No
280	GOM_NL__2PRFIN20100609_224318_000000432090_00130_43270_3974.N1	09-JUN-2010 22:43:18	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	43270	No
281	GOM_NL__2PRFIN20100609_224504_000000392090_00130_43270_3975.N1	09-JUN-2010 22:45:04	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	43270	No
282	GOM_NL__2PRFIN20100609_224711_000000382090_00130_43270_3976.N1	09-JUN-2010 22:47:11	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	43270	No
283	GOM_NL__2PRFIN20100609_225028_000000512090_00130_43270_3977.N1	09-JUN-2010 22:50:28	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	43270	No
284	GOM_NL__2PRFIN20100609_225307_000000482090_00130_43270_3978.N1	09-JUN-2010 22:53:07	Bright	47.500	59	55Alp Oph	2.0800	8900.0	95	43270	No
285	GOM_NL__2PRFIN20100609_225443_000000422090_00130_43270_3979.N1	09-JUN-2010 22:54:43	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	43270	No
286	GOM_NL__2PRFIN20100609_225754_000000392090_00130_43270_3980.N1	09-JUN-2010 22:57:54	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	43270	No
287	GOM_NL__2PRFIN20100609_230501_000000422090_00130_43270_3981.N1	09-JUN-2010 23:05:01	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	43270	No
288	GOM_NL__2PRFIN20100609_231545_000000492090_00130_43270_3982.N1	09-JUN-2010 23:15:45	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43270	No
289	GOM_NL__2PRFIN20100609_232147_000000582090_00130_43270_3983.N1	09-JUN-2010 23:21:47	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	43270	No
290	GOM_NL__2PRFIN20100609_232740_000000382090_00130_43270_3984.N1	09-JUN-2010 23:27:40	Bright	38.000	73	57Gam1And	2.2600	13100.	76	43270	No
291	GOM_NL__2PRFIN20100609_232959_000000512090_00130_43270_3985.N1	09-JUN-2010 23:29:59	Twilight	51.000	53	43Bet And	2.0480	3300.0	102	43270	No
292	GOM_NL__2PRFIN20100609_233316_000000482090_00130_43270_3986.N1	09-JUN-2010 23:33:16	Dark	47.500	50	13Alp Ari	2.0070	4250.0	95	43270	No
293	GOM_NL__2PRFIN20100609_234756_000000542090_00130_43270_3987.N1	09-JUN-2010 23:47:56	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	43270	No
294	GOM_NL__2PRFIN20100609_235426_000000452090_00130_43270_3988.N1	09-JUN-2010 23:54:26	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43270	No

3. Quality information per product

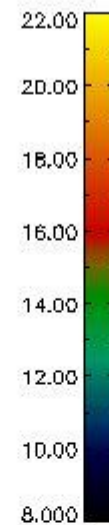
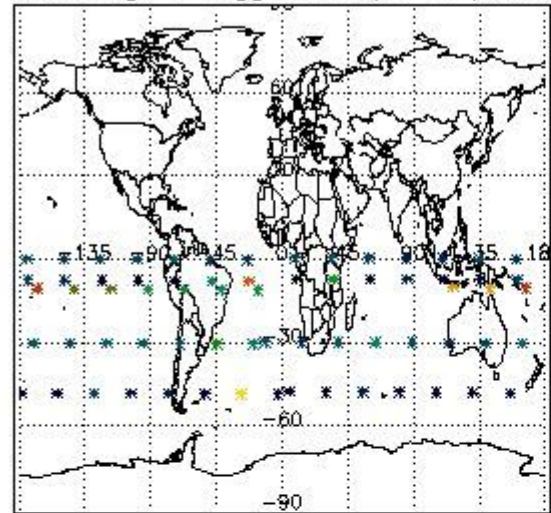
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

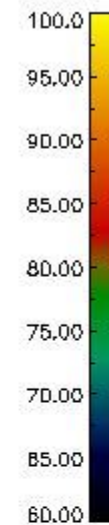
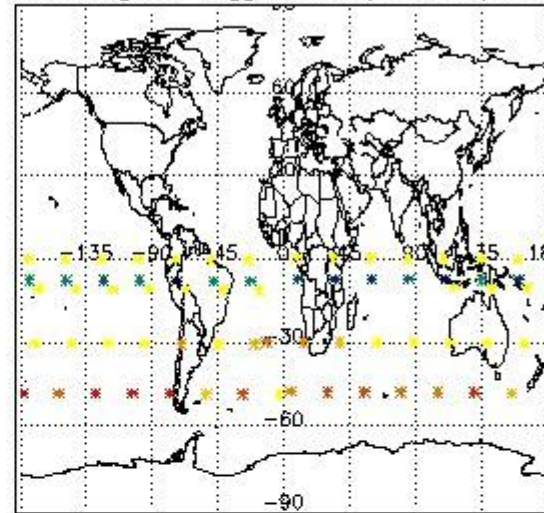


3.2 Plot quality information per product (world map)

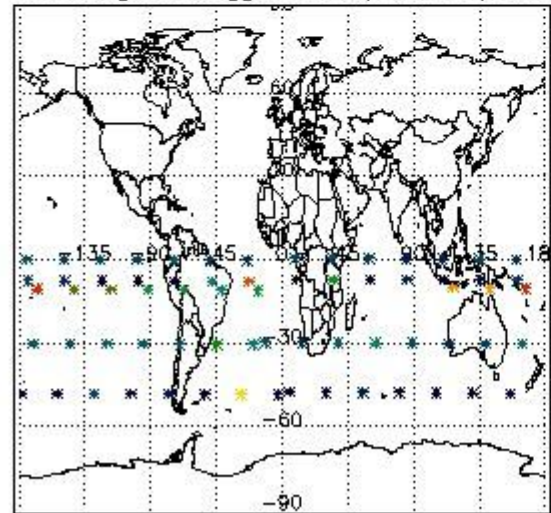
Percentage of flagged data per O3 profile



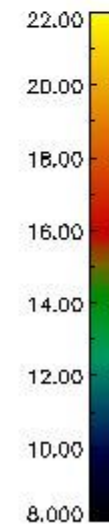
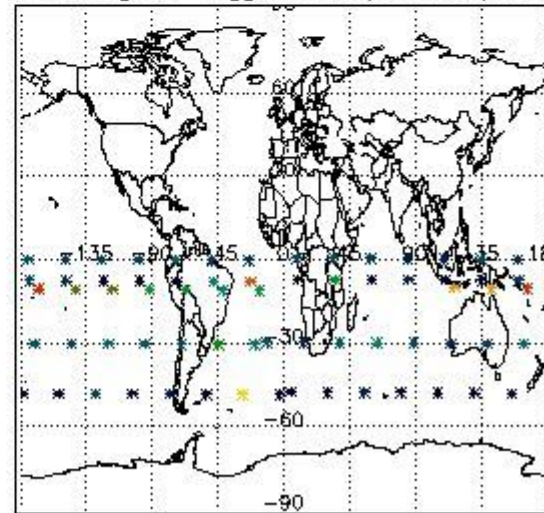
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

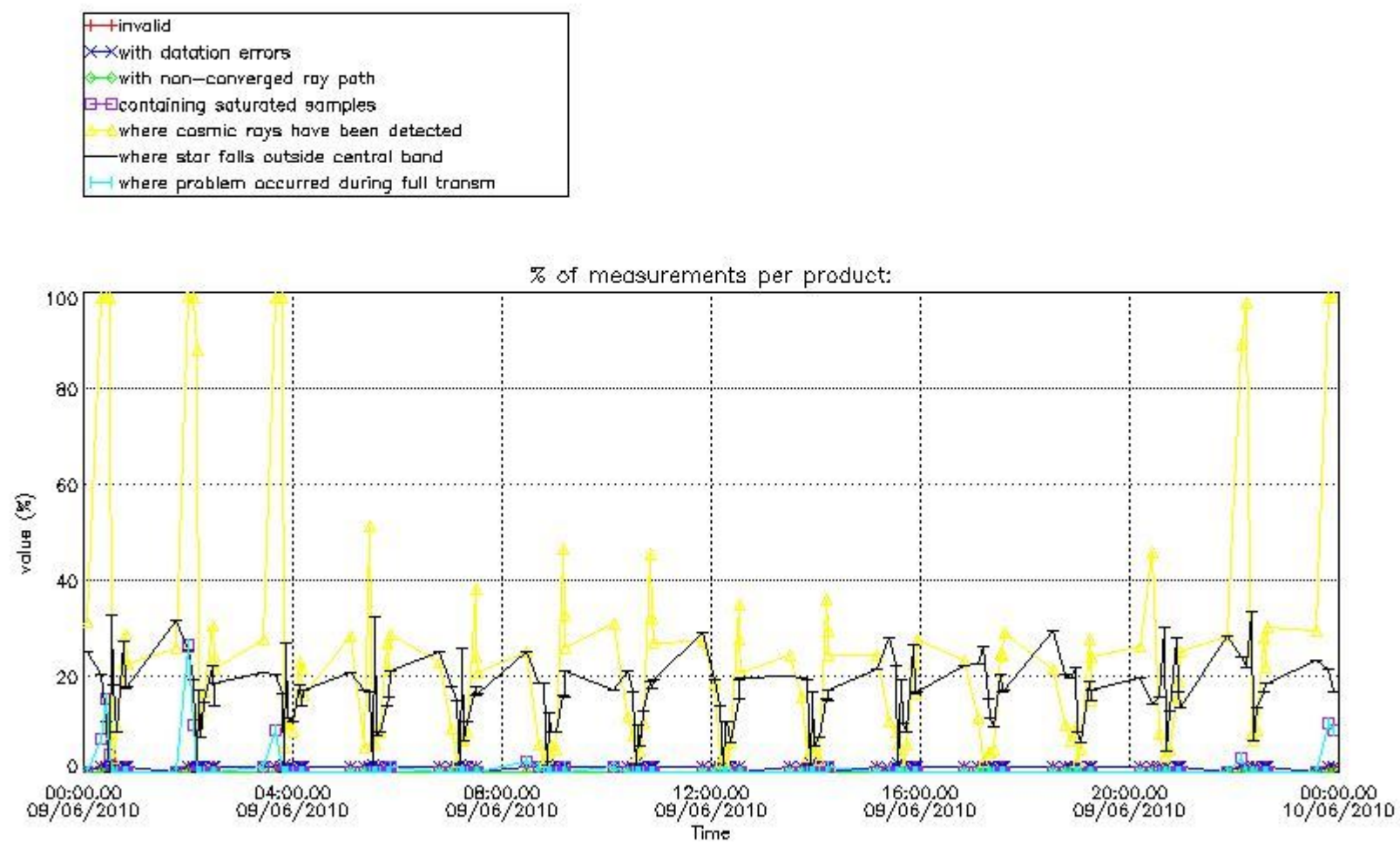


4. Level 1 quality information per product

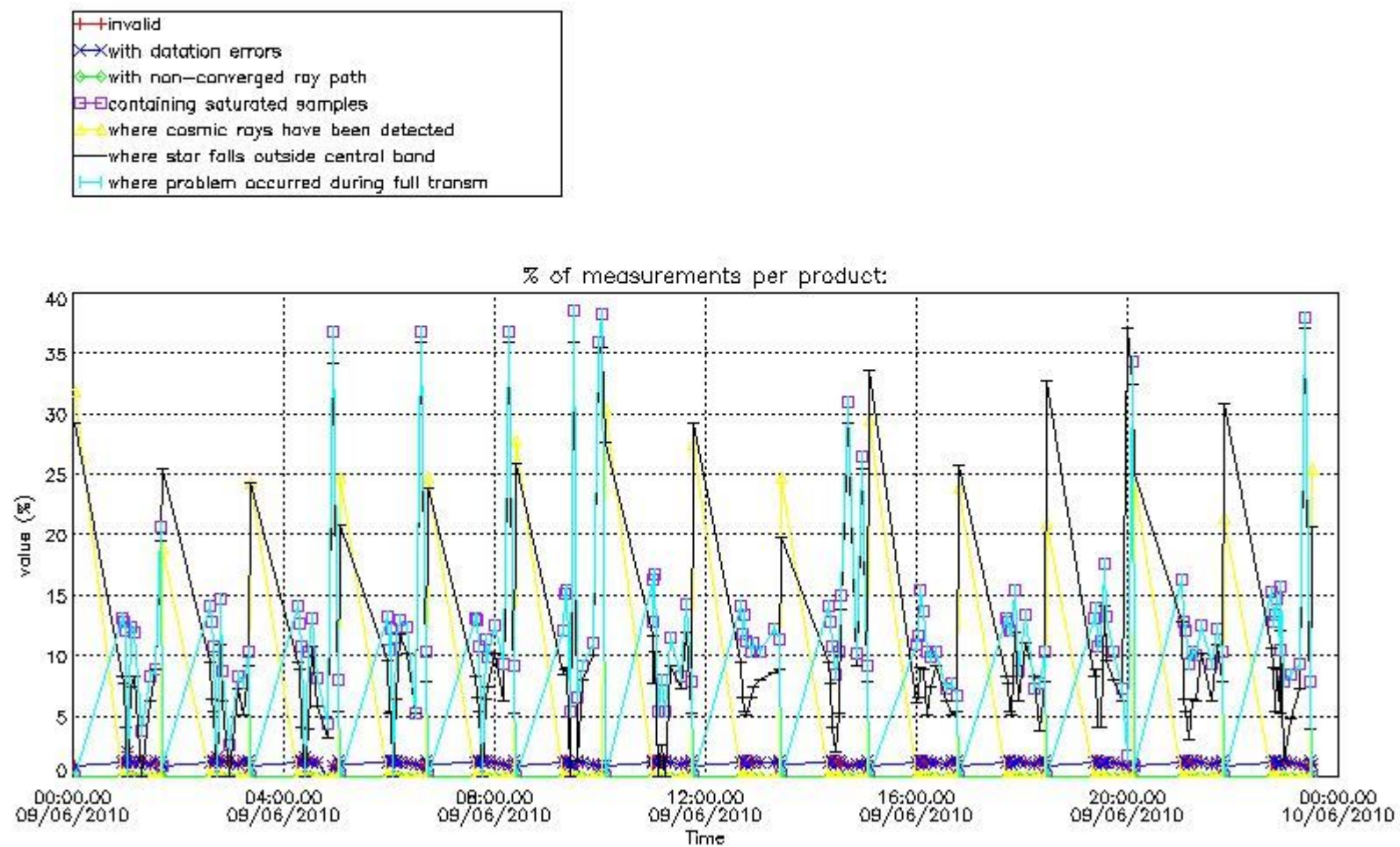
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

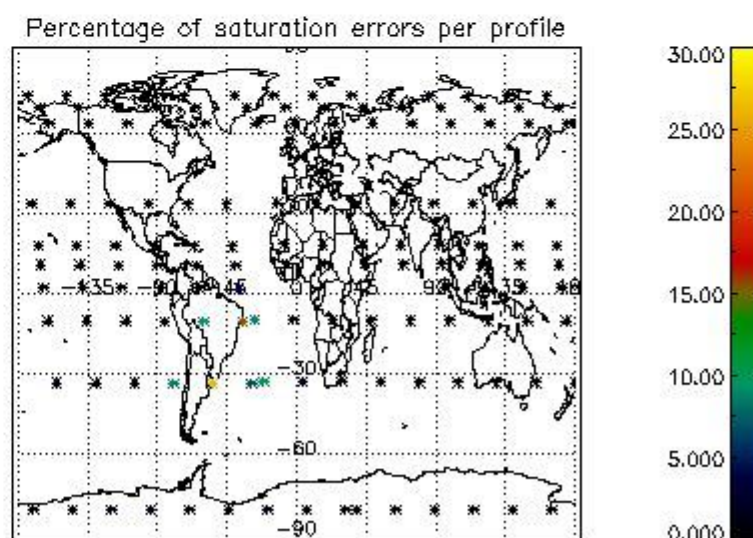
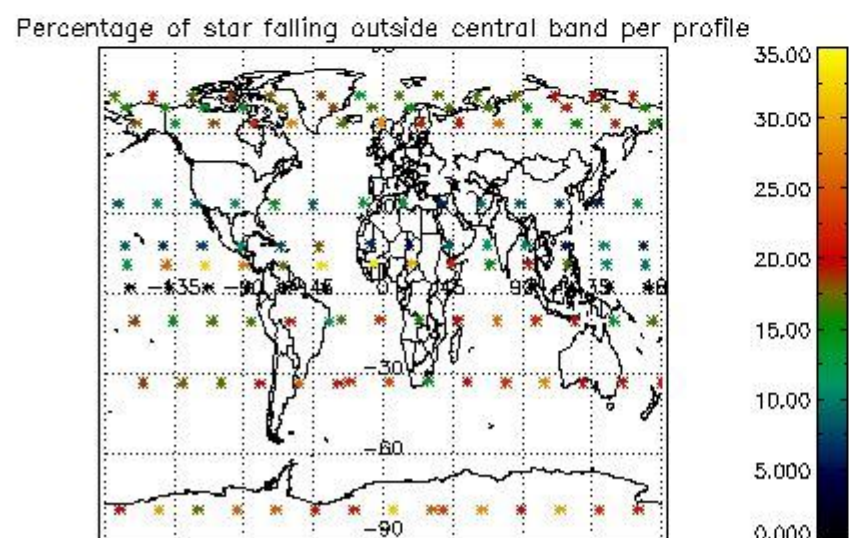
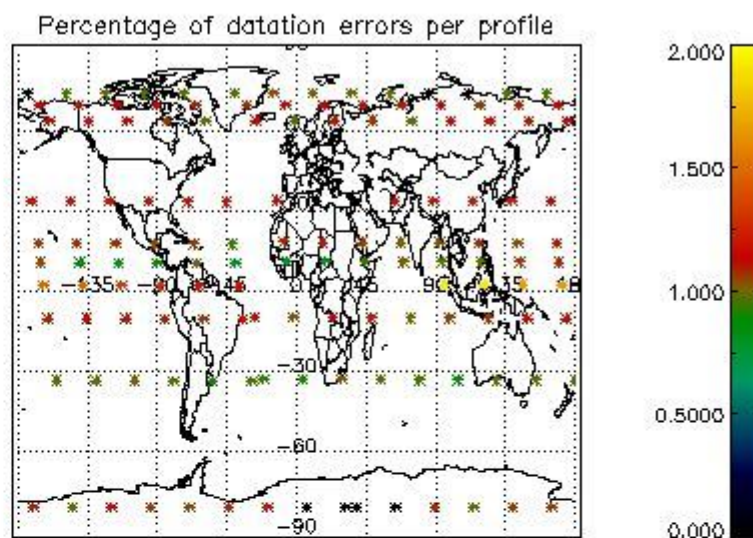
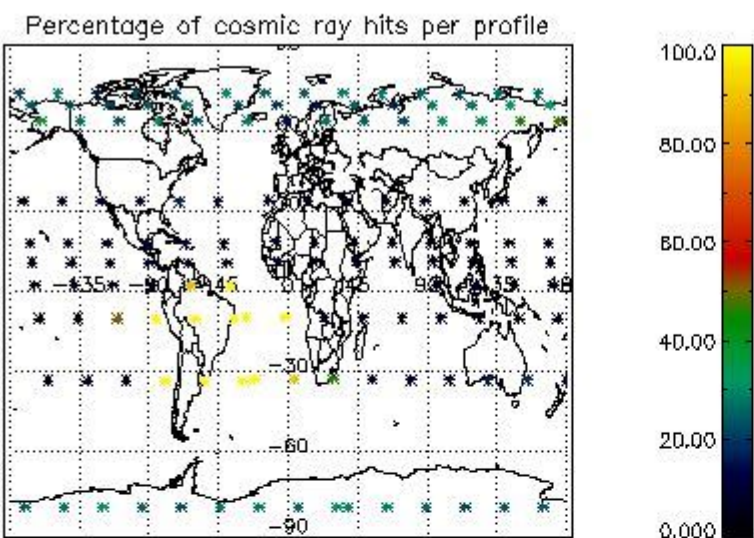


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

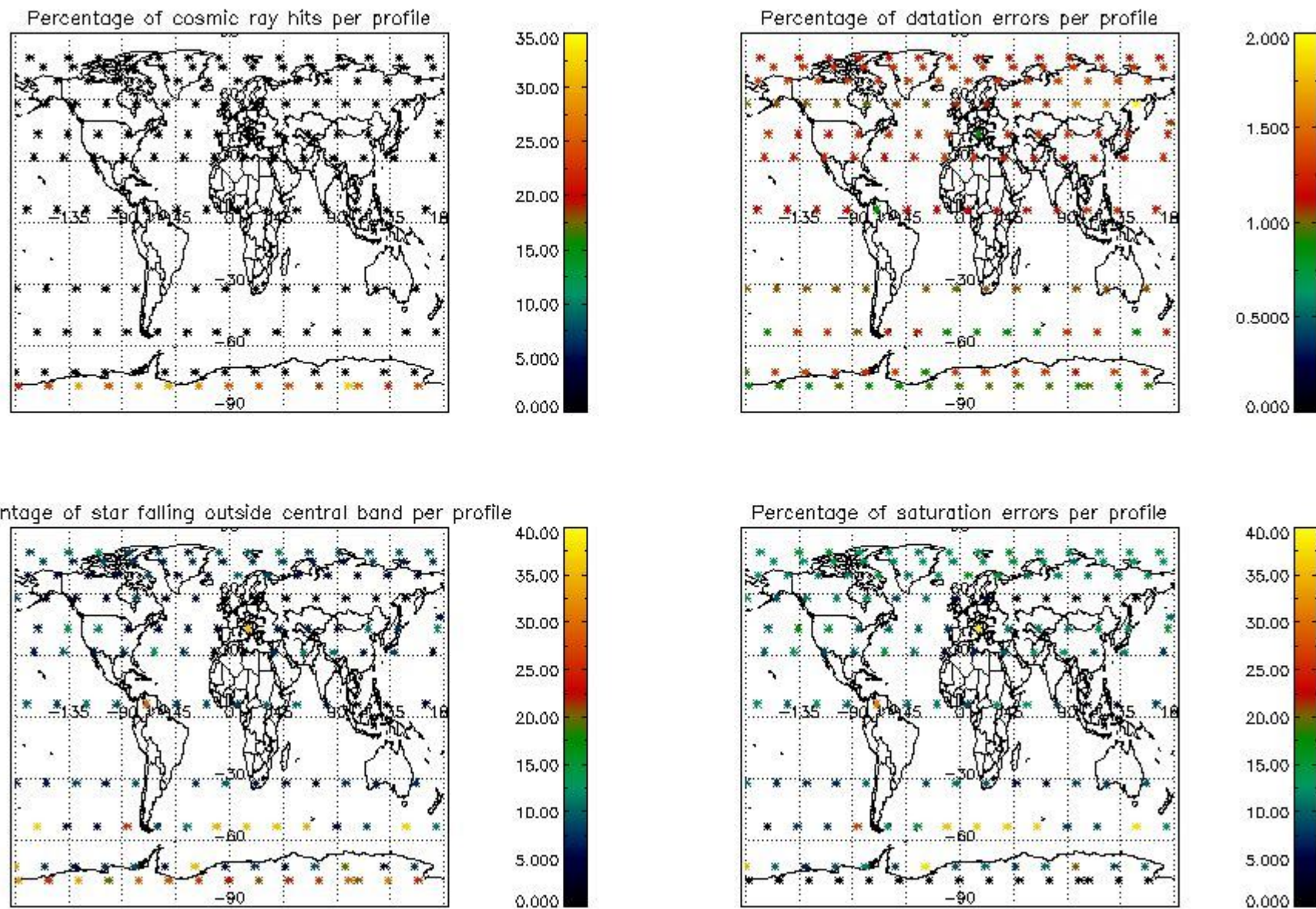


4.2 Plot quality information per product coming from level 1b processing (world map)

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

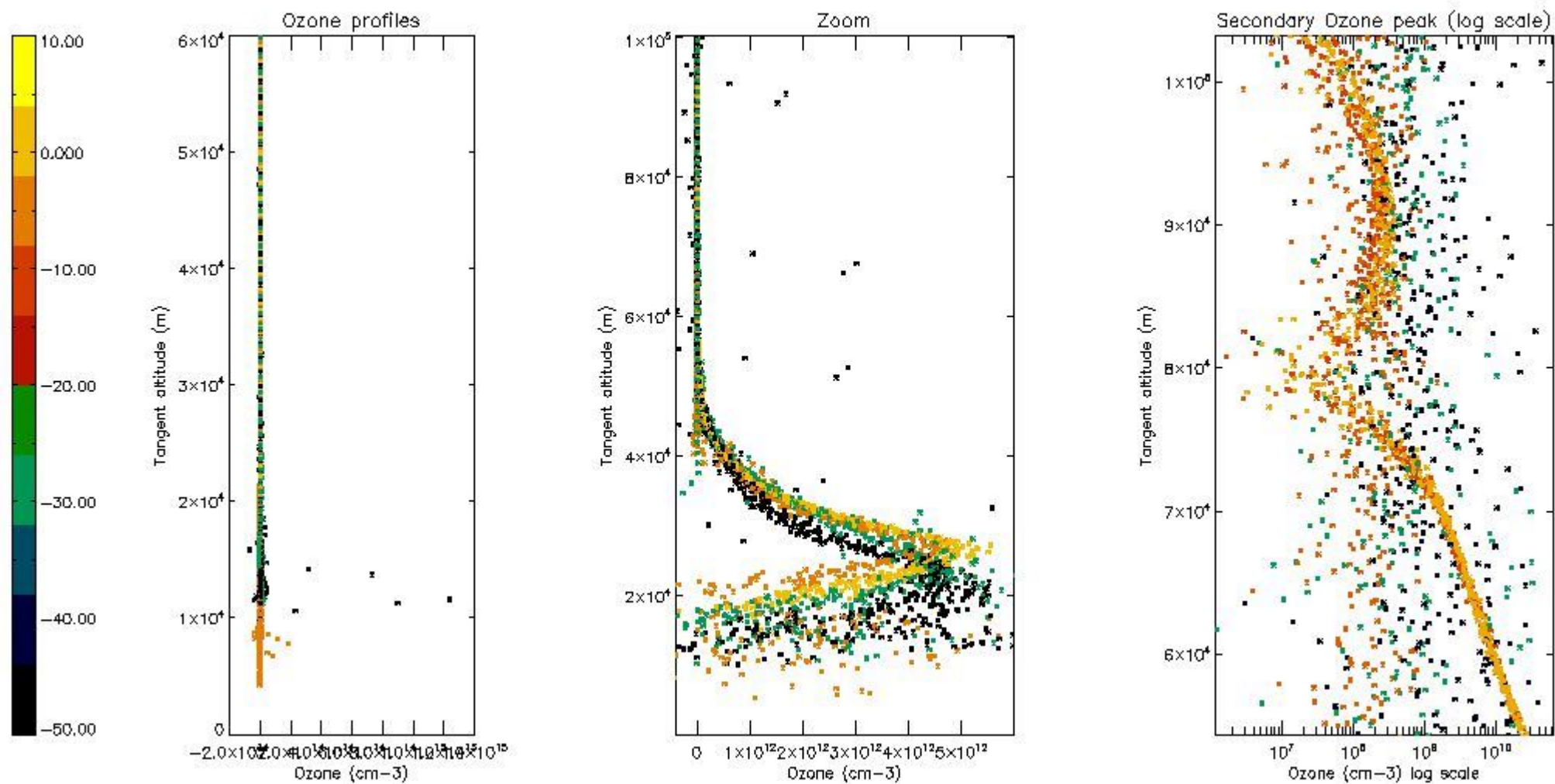
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	8

STD < 10	5
STD < 5	3

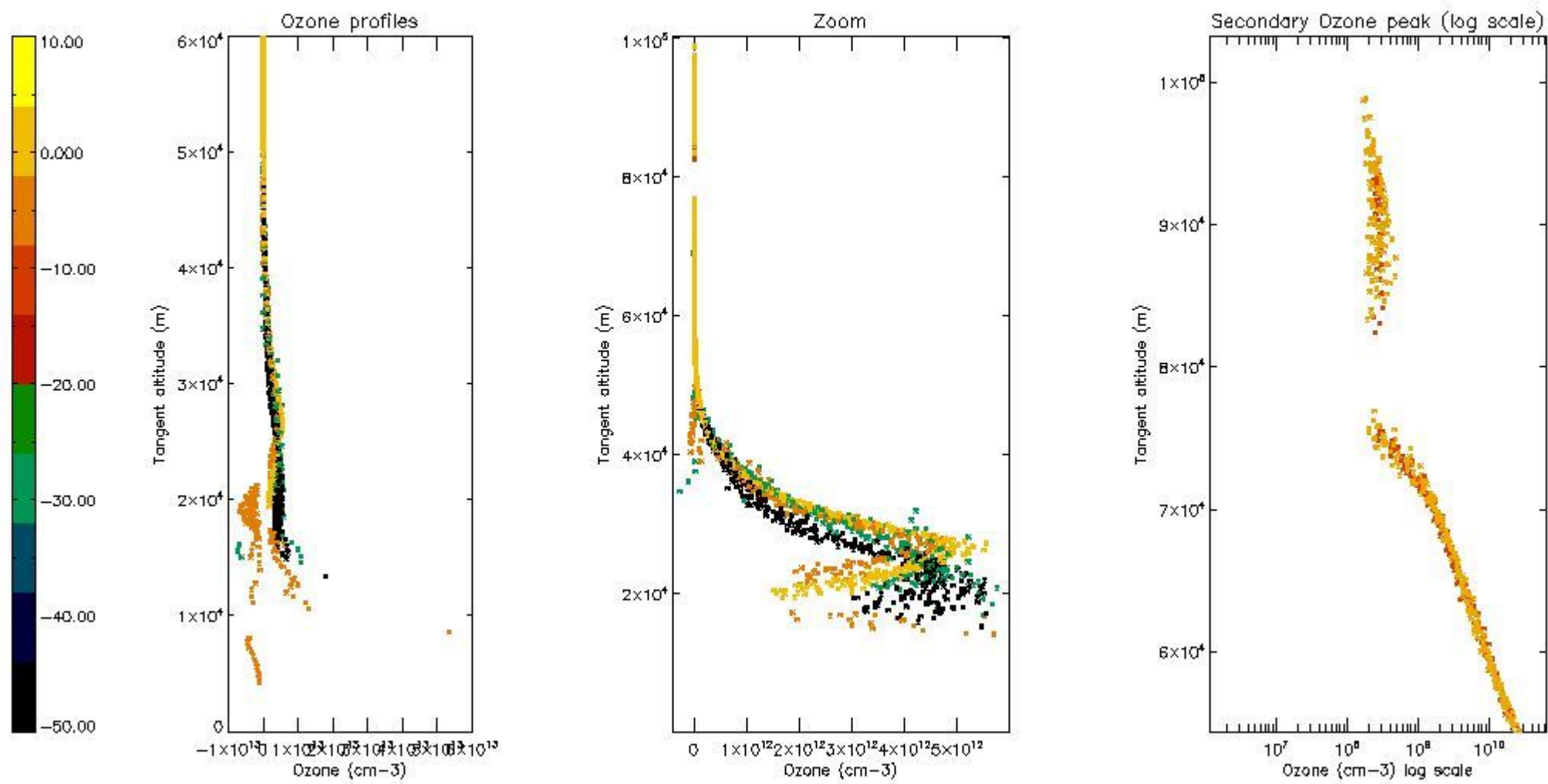
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



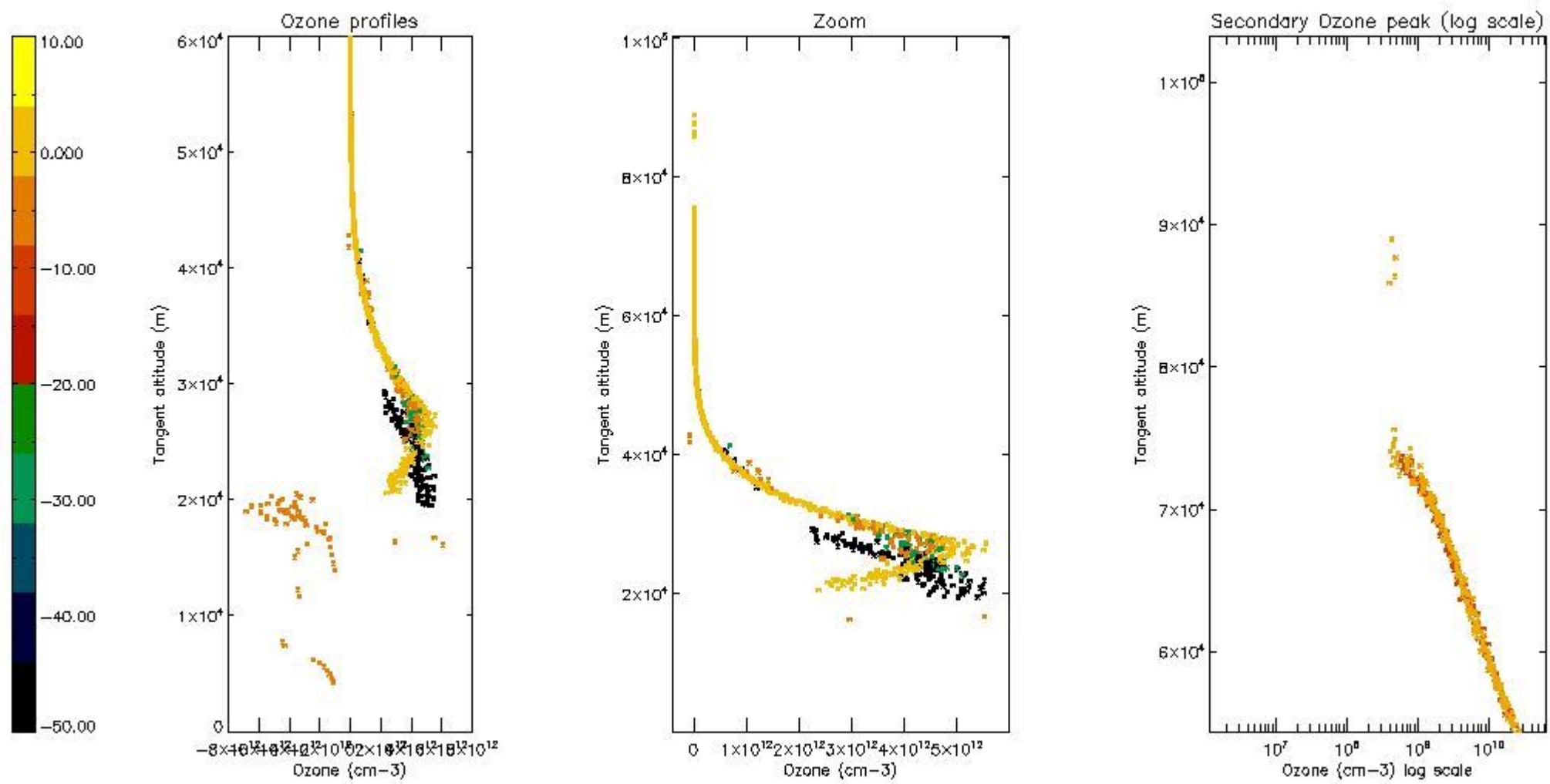
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



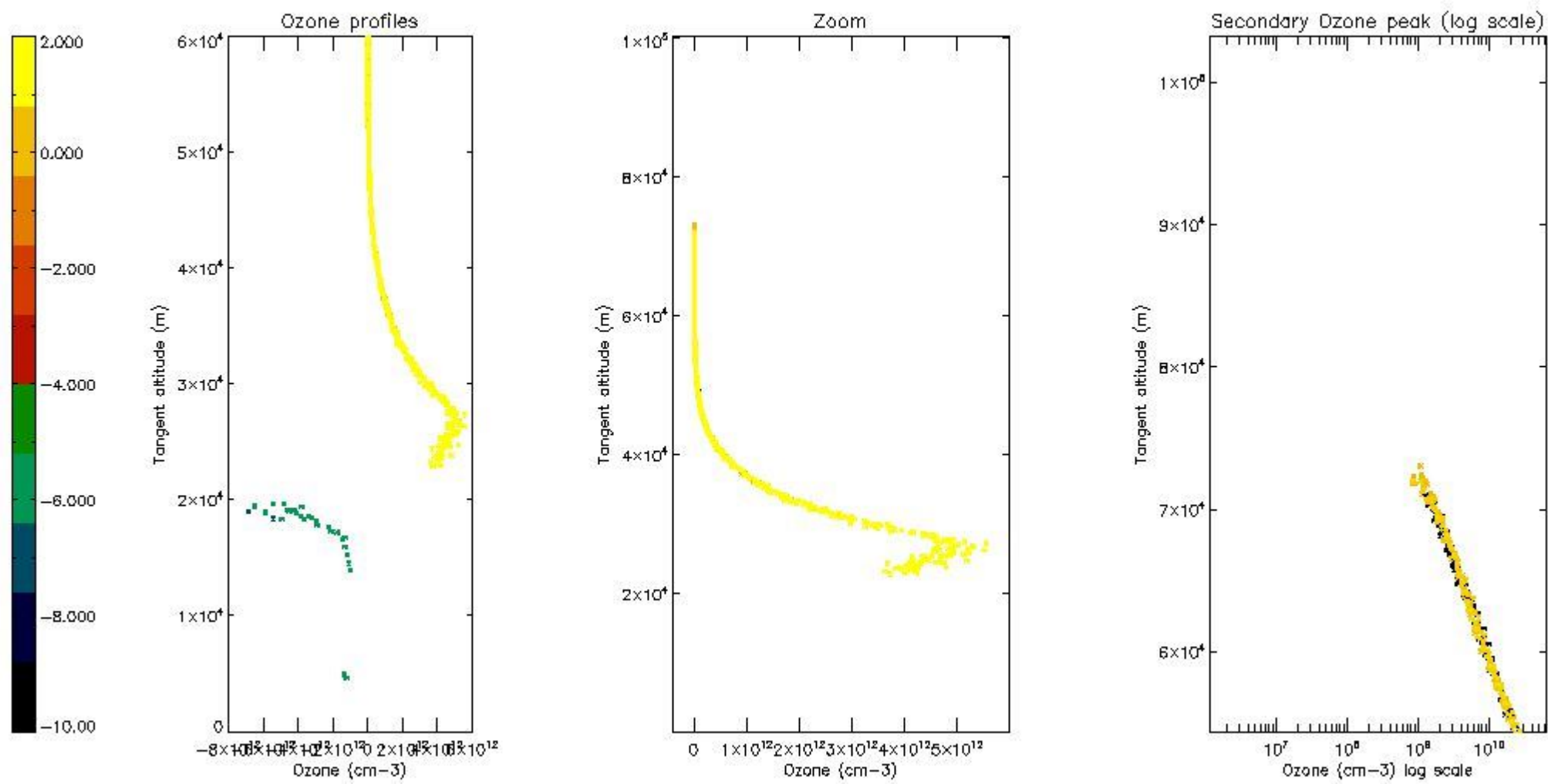
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



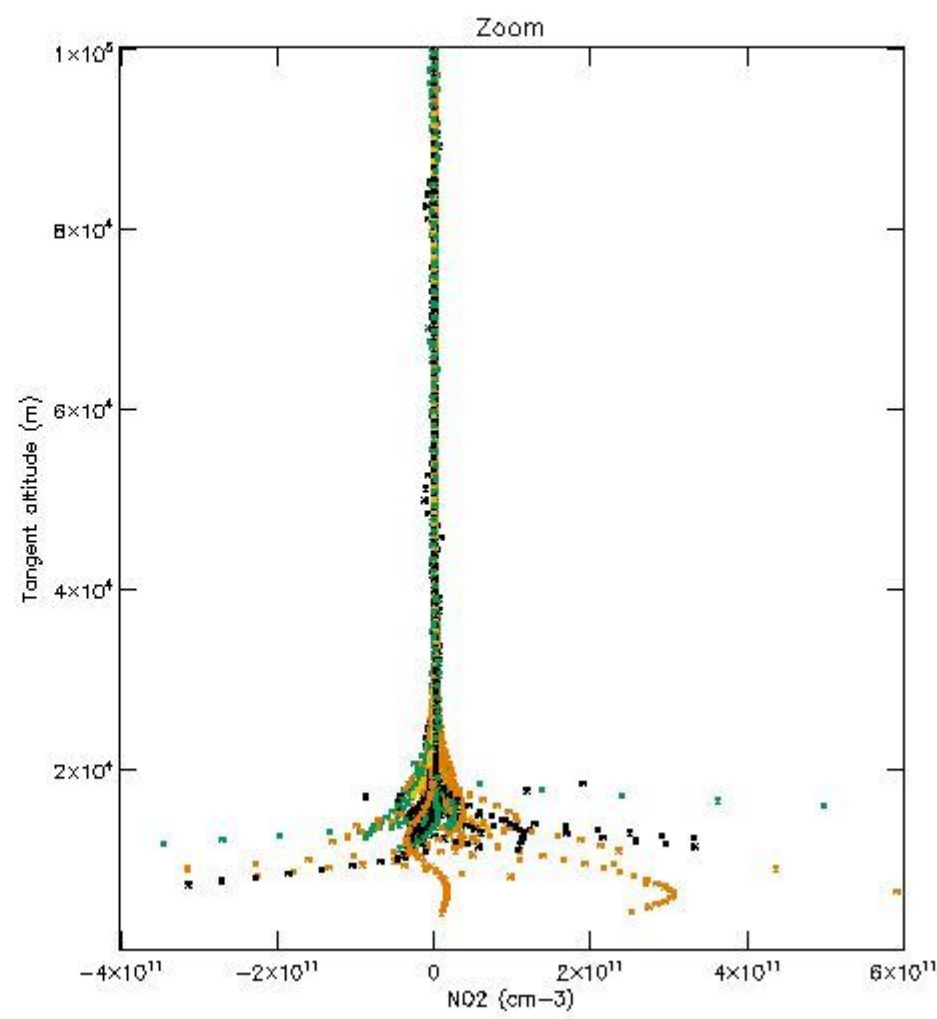
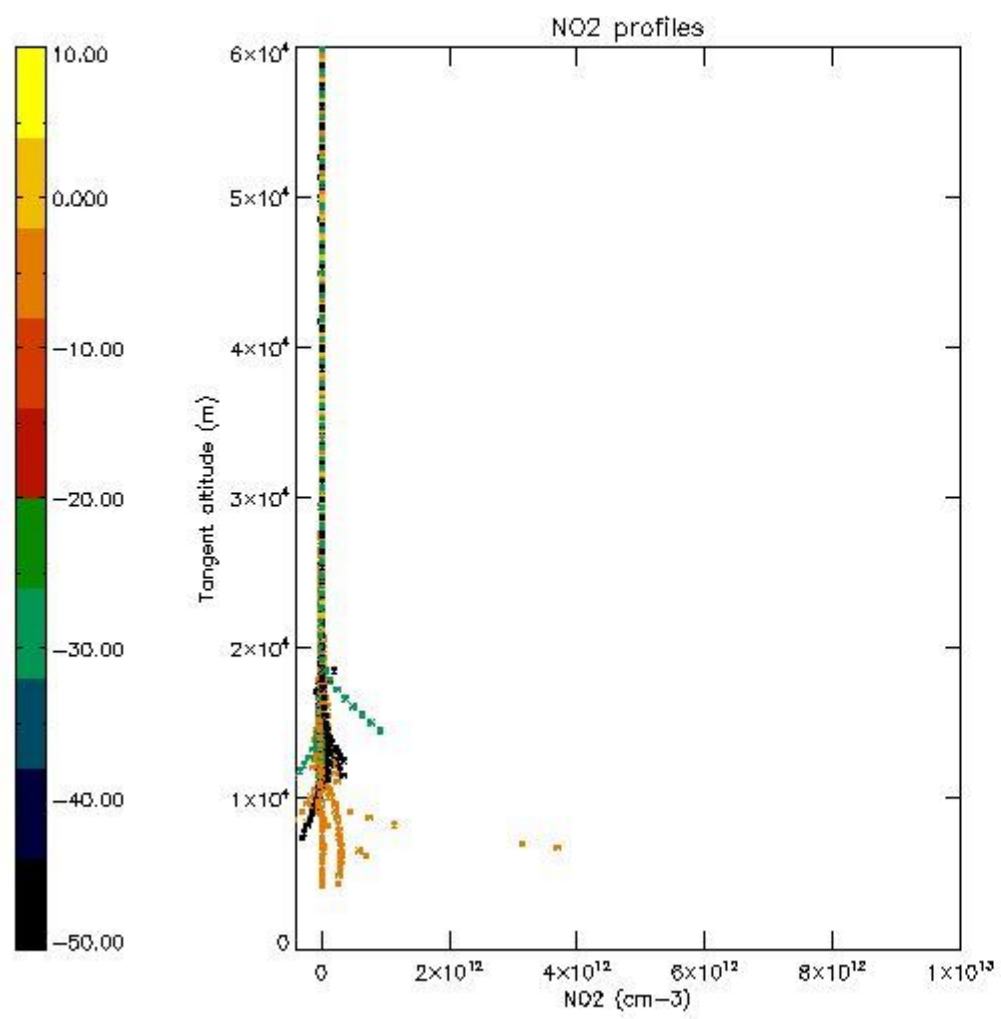
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



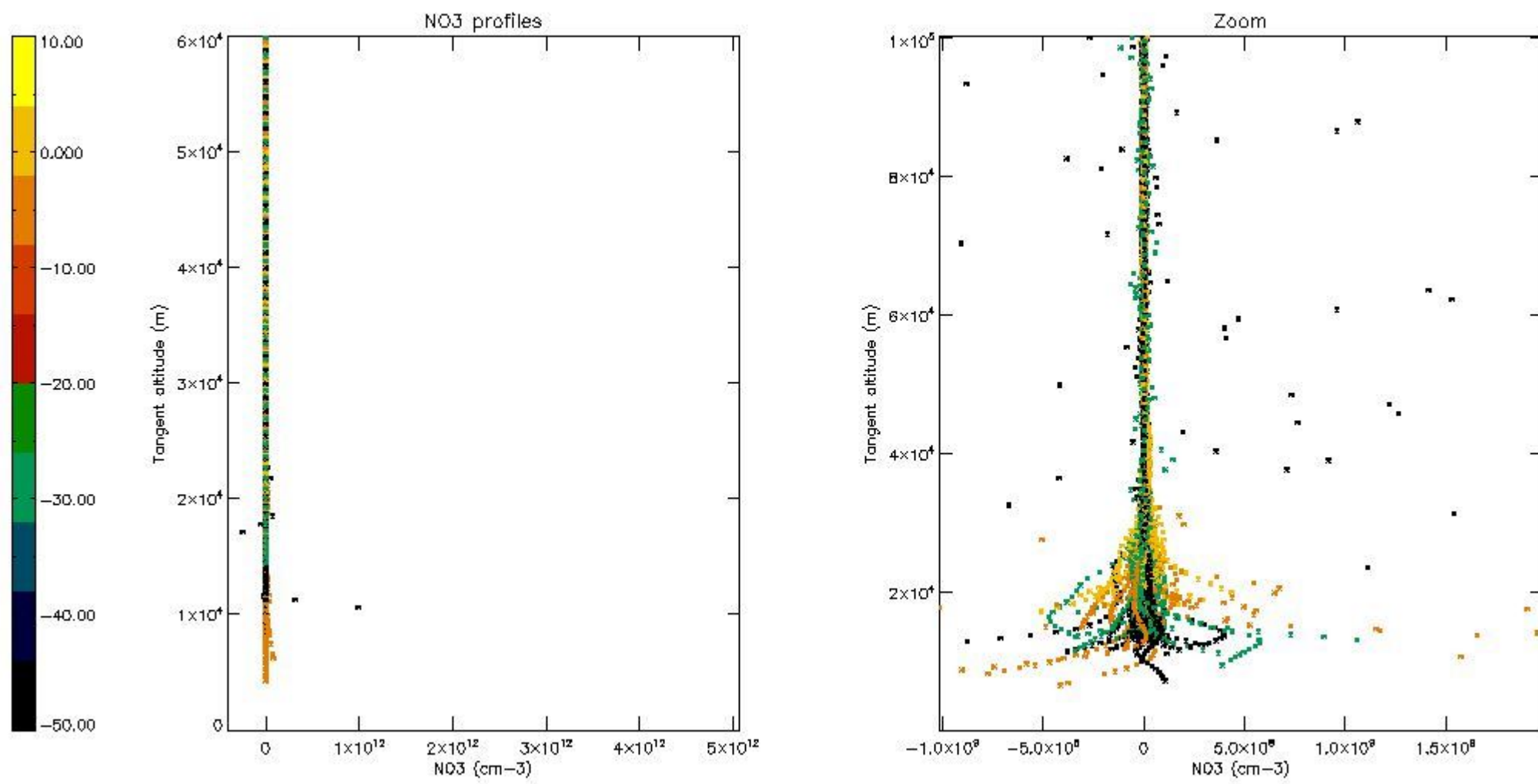
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



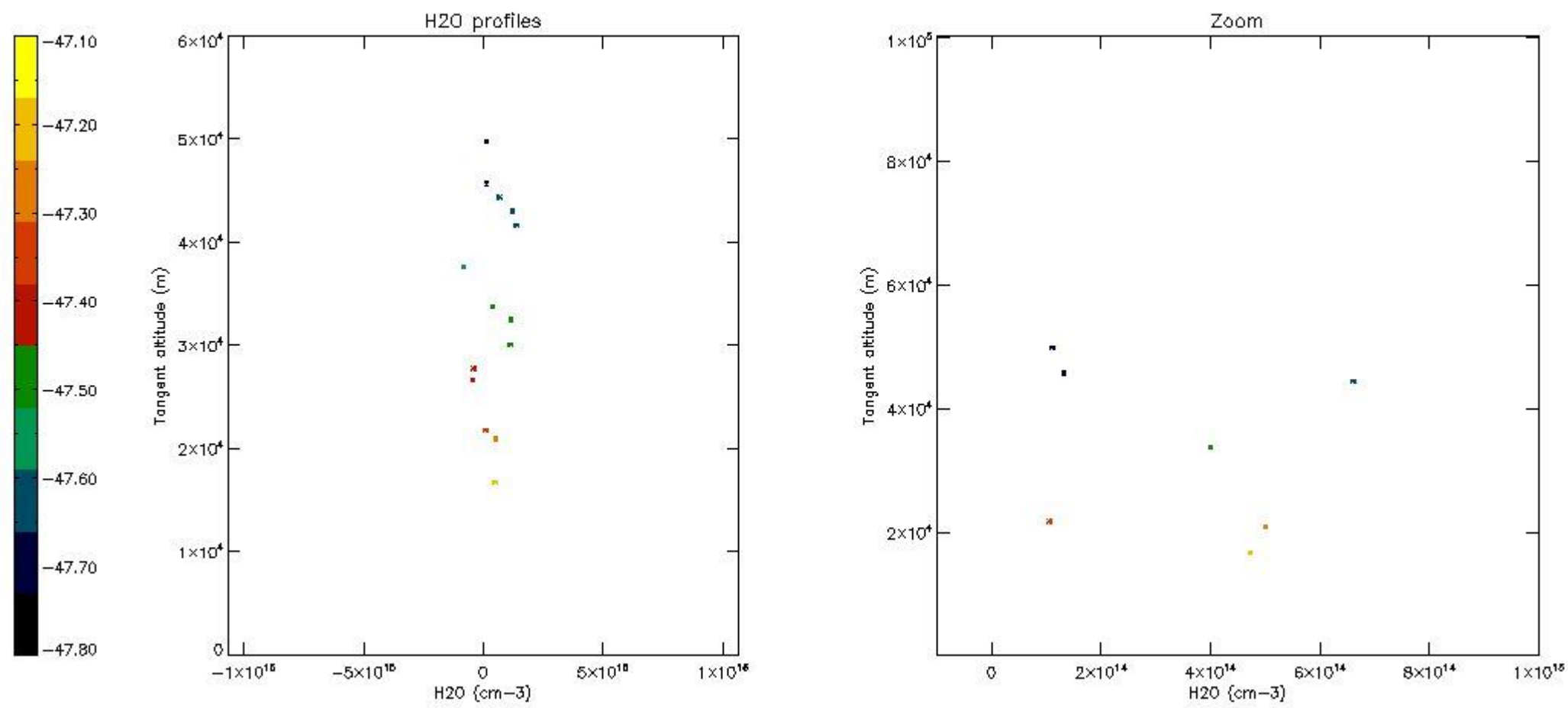
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

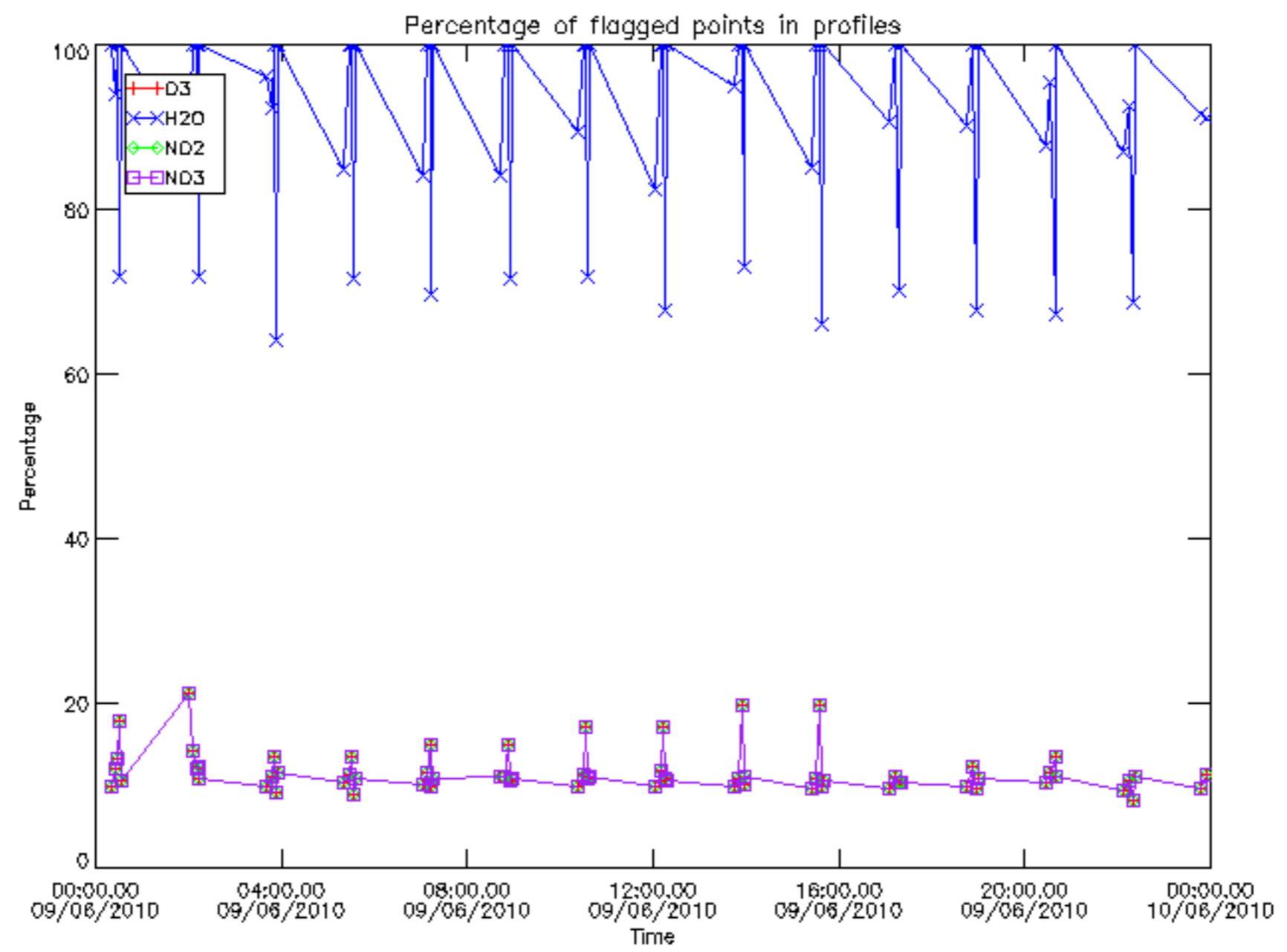
The colorbar represents the latitude.



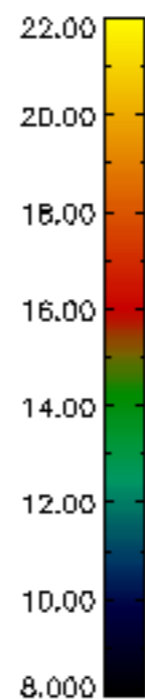
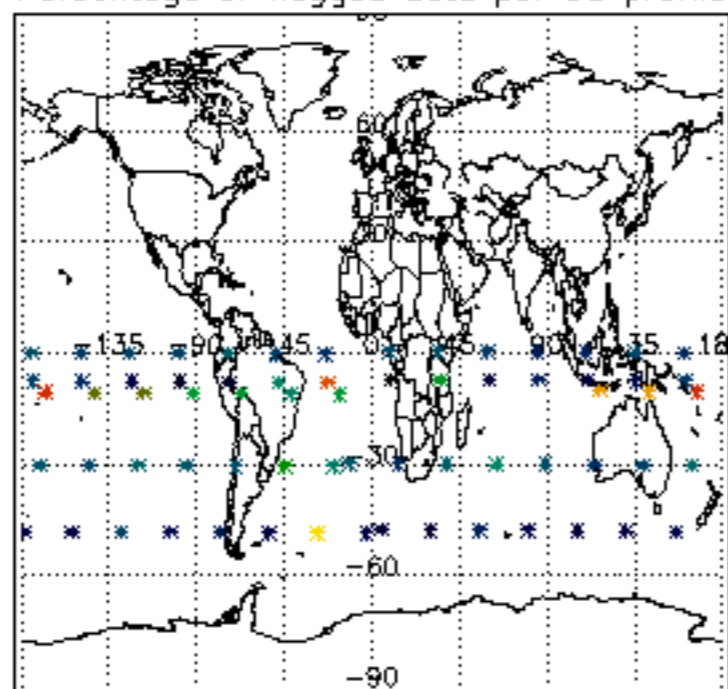
6. Auxiliary Data Files used for the production reported in section 2

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.

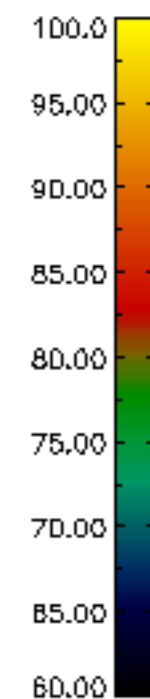
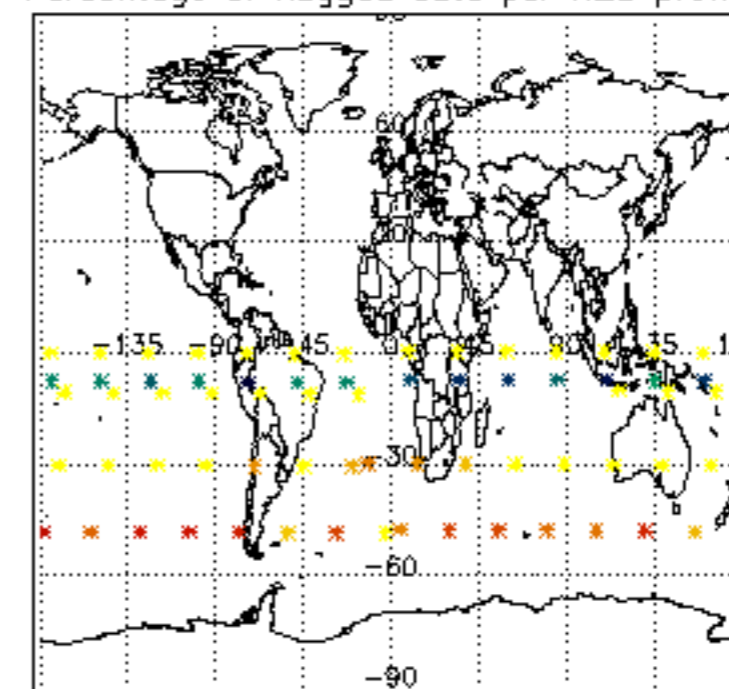
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUN-2010 00:01:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUN-2010 00:01:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUN-2010 00:01:35



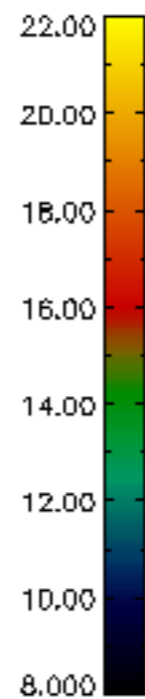
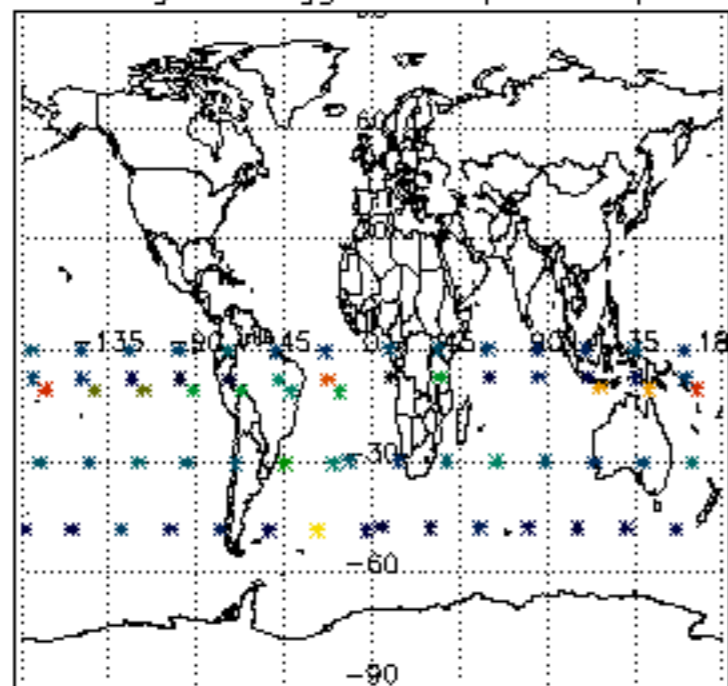
Percentage of flagged data per D3 profile



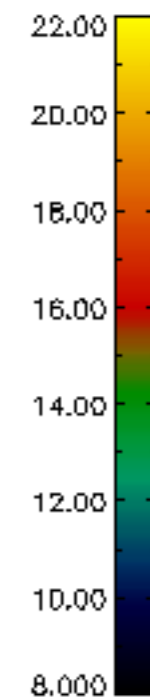
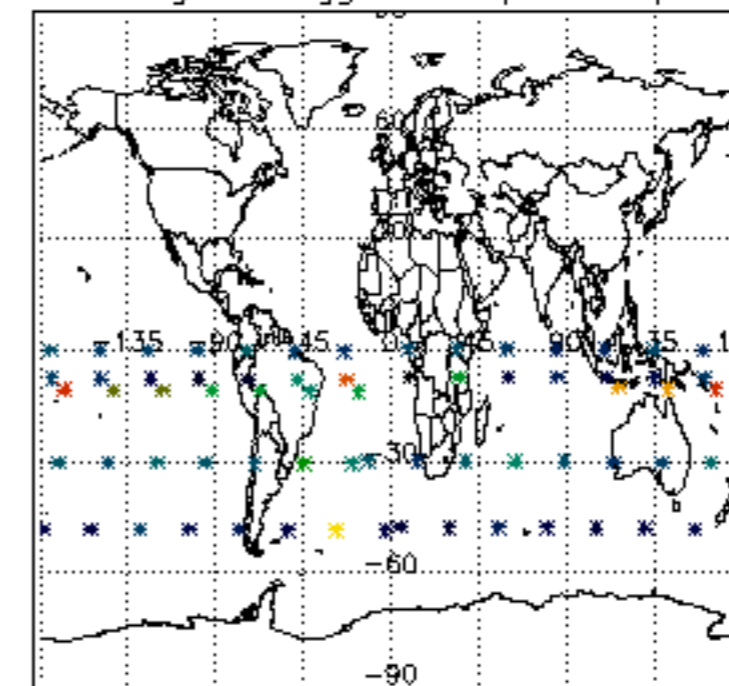
Percentage of flagged data per H2O profile

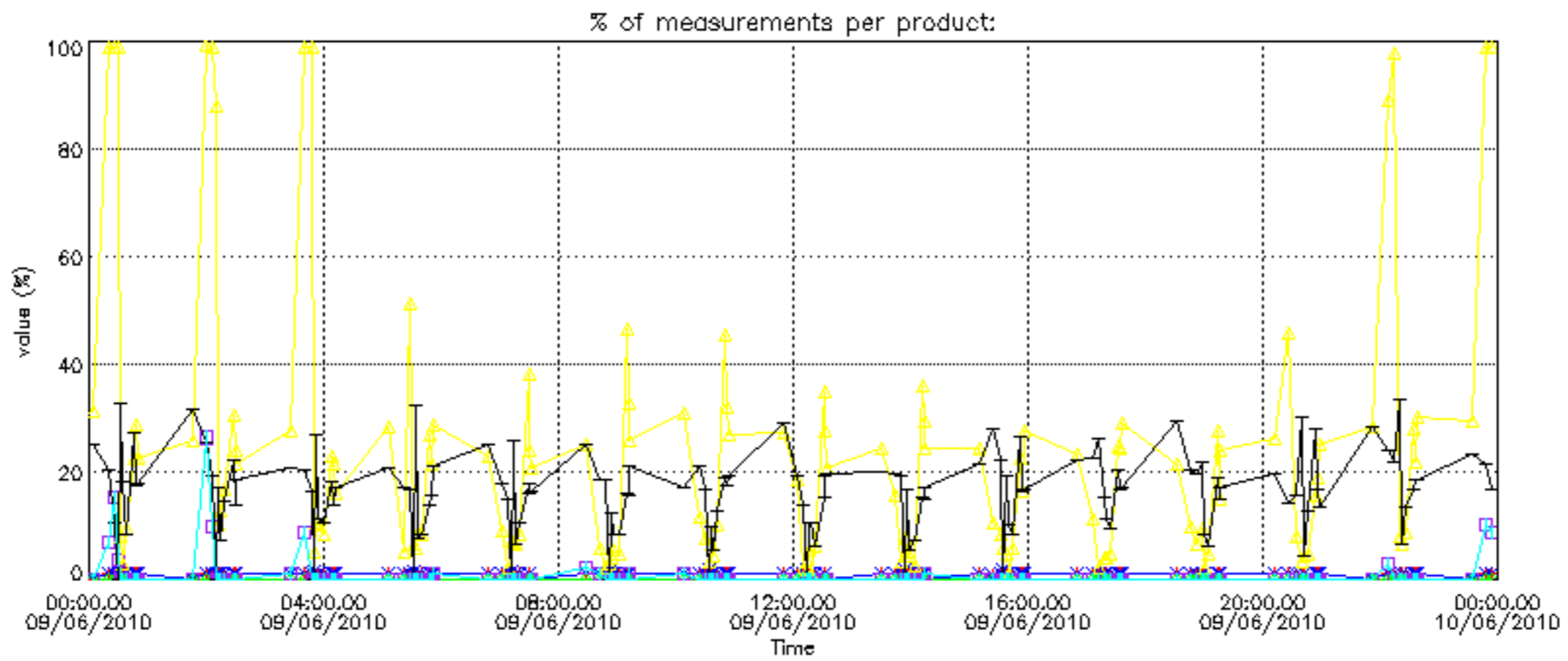


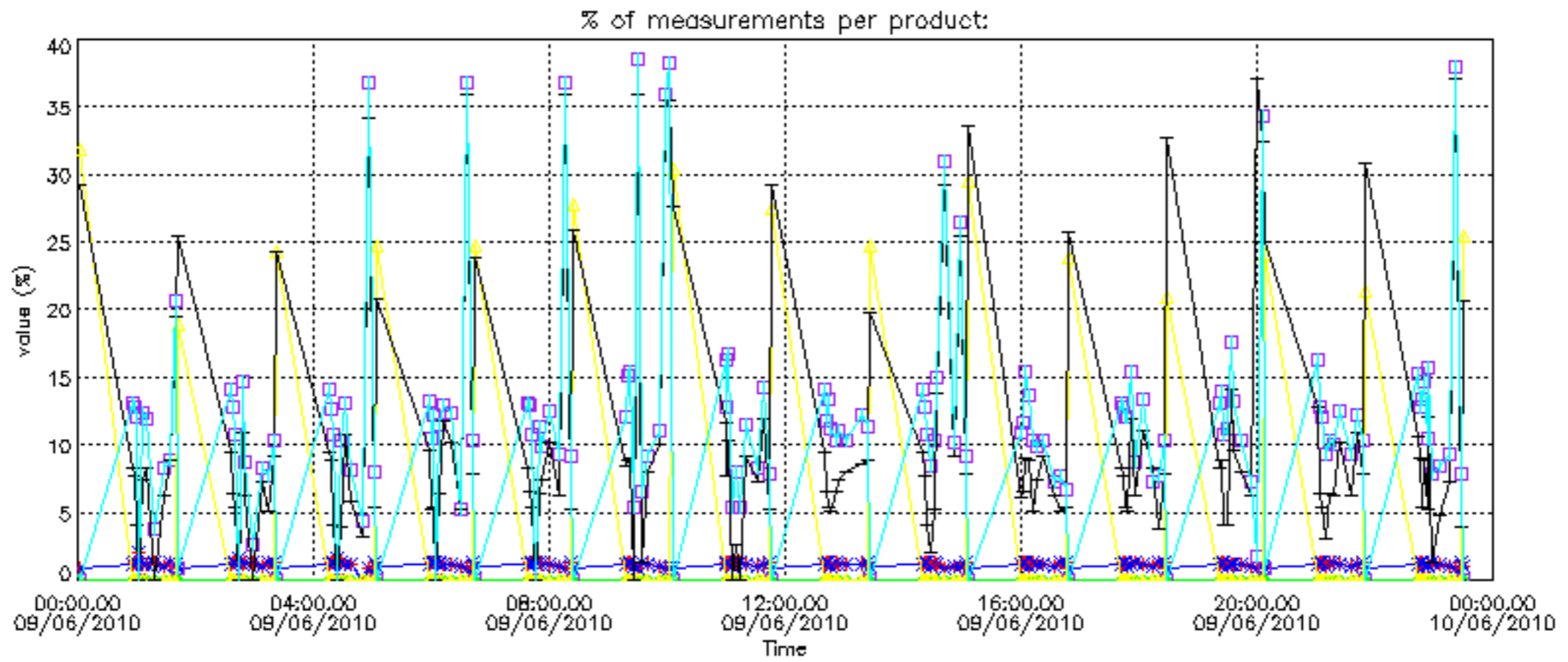
Percentage of flagged data per NO2 profile



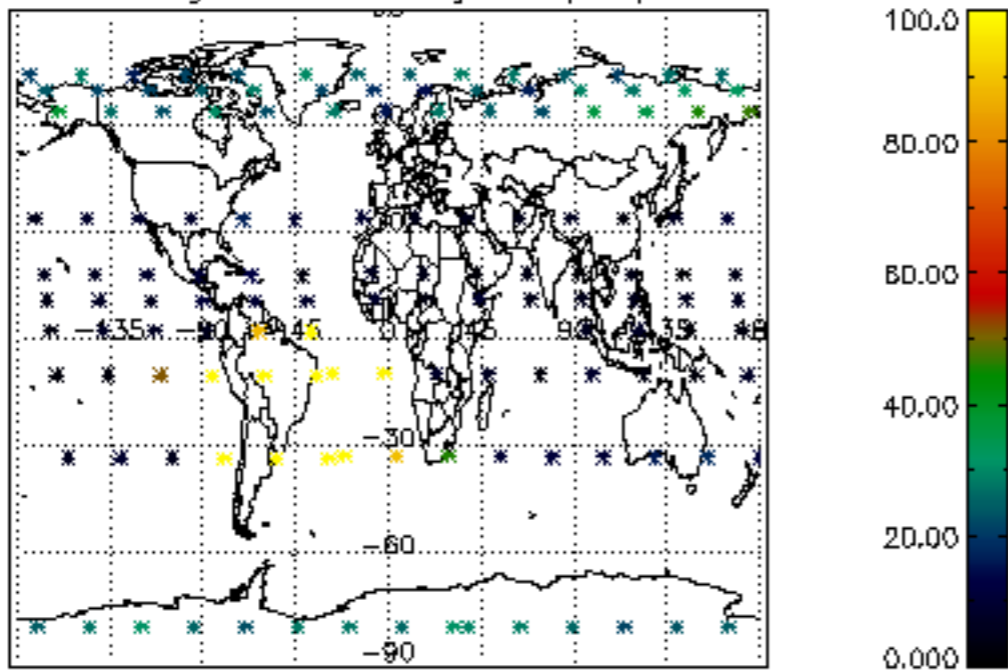
Percentage of flagged data per NO3 profile



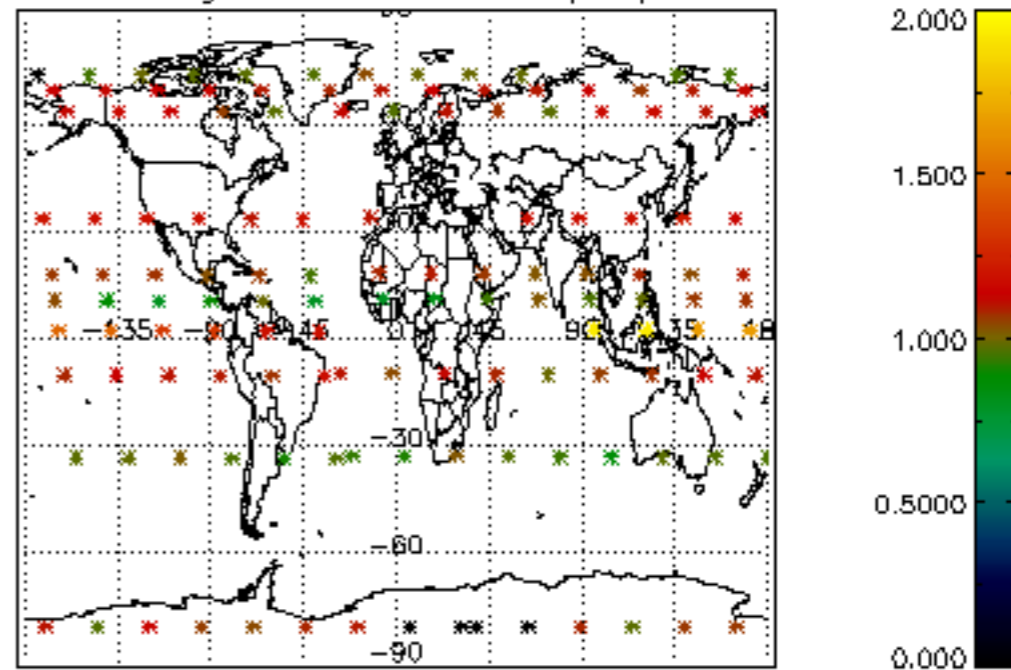




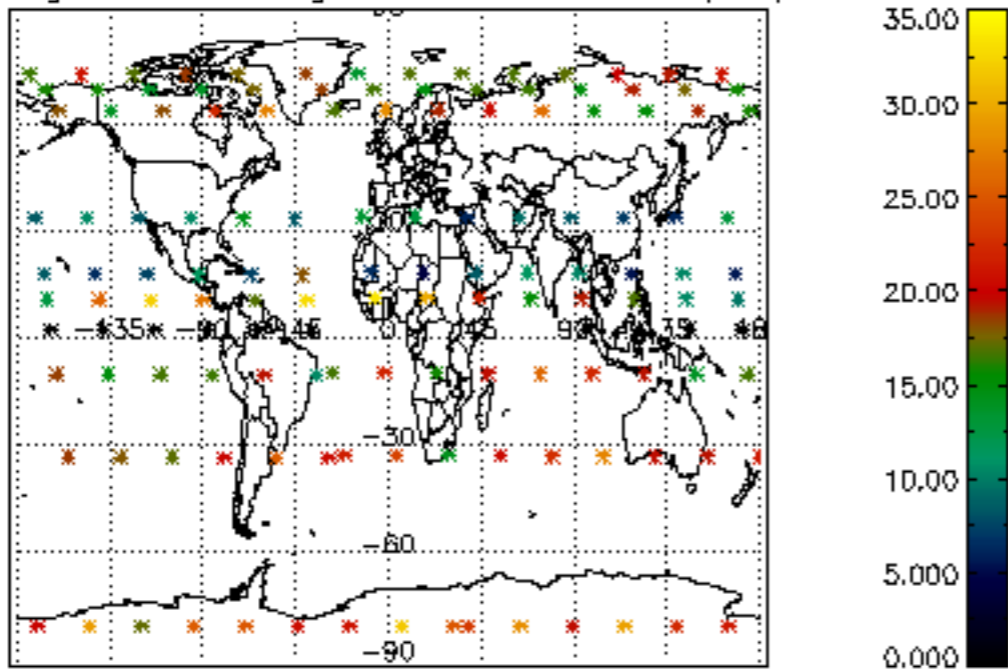
Percentage of cosmic ray hits per profile



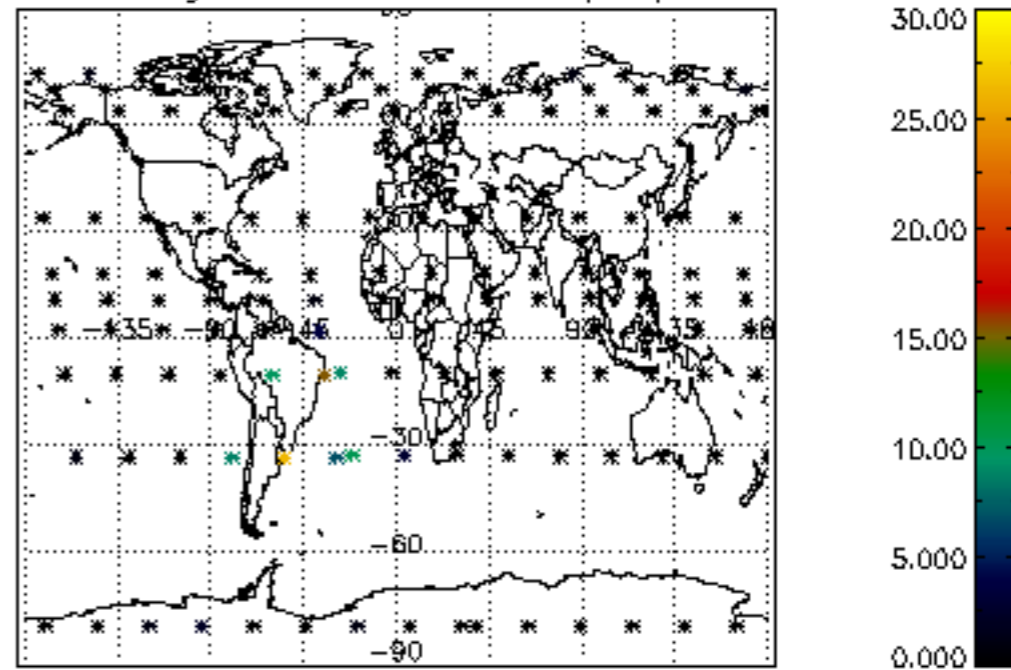
Percentage of datation errors per profile



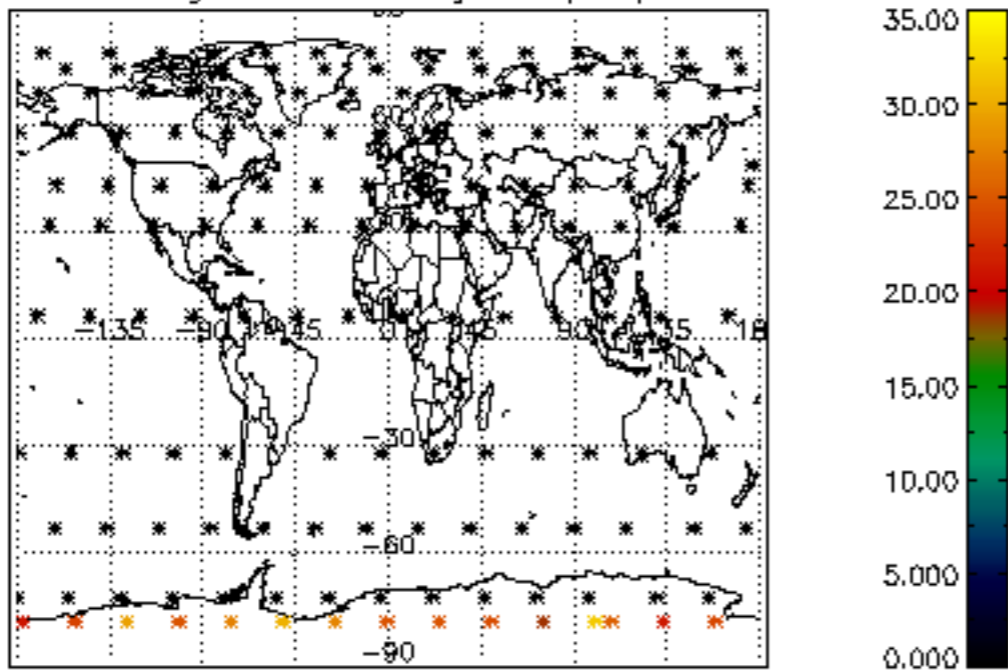
Percentage of star falling outside central band per profile



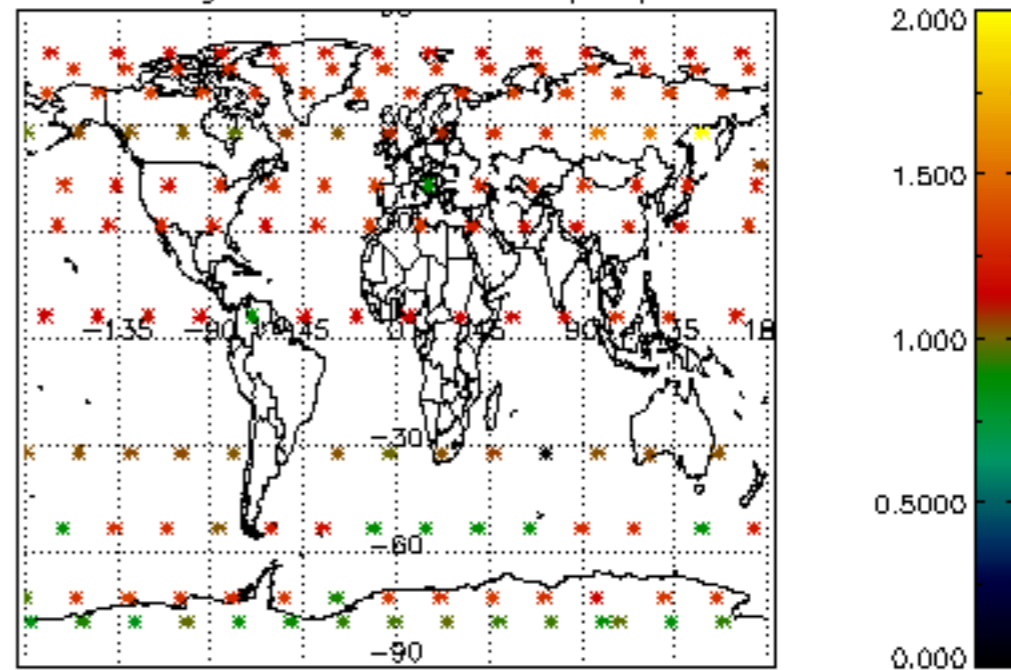
Percentage of saturation errors per profile



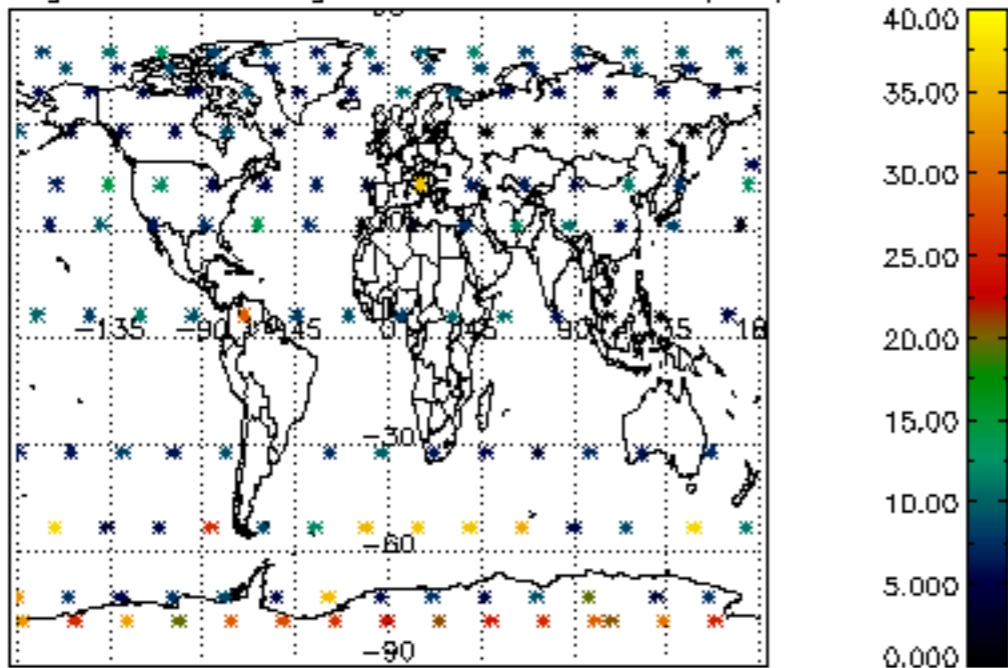
Percentage of cosmic ray hits per profile



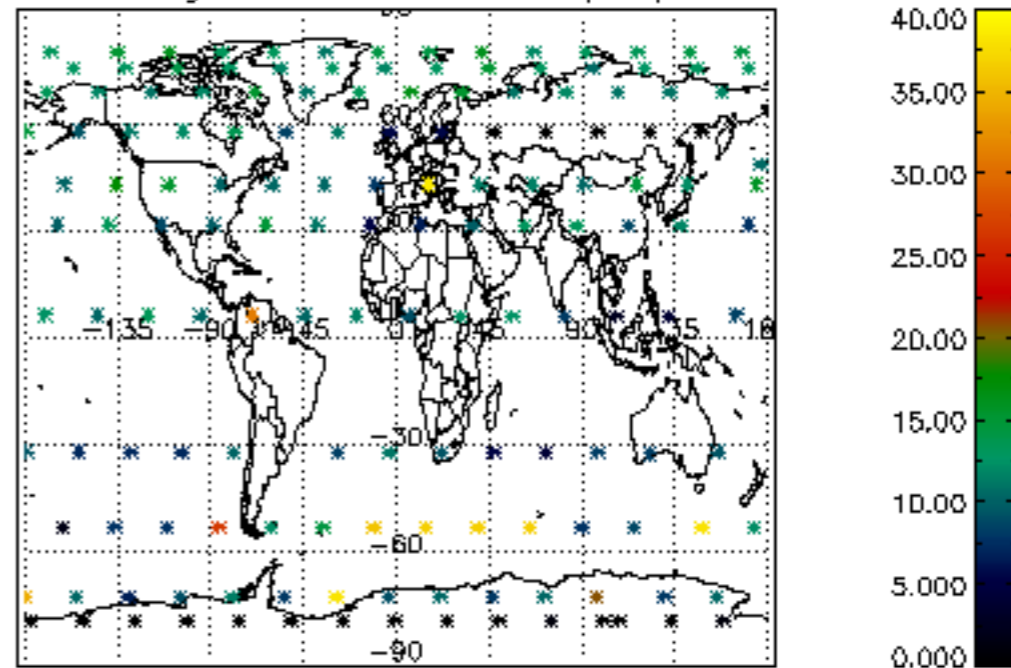
Percentage of datation errors per profile

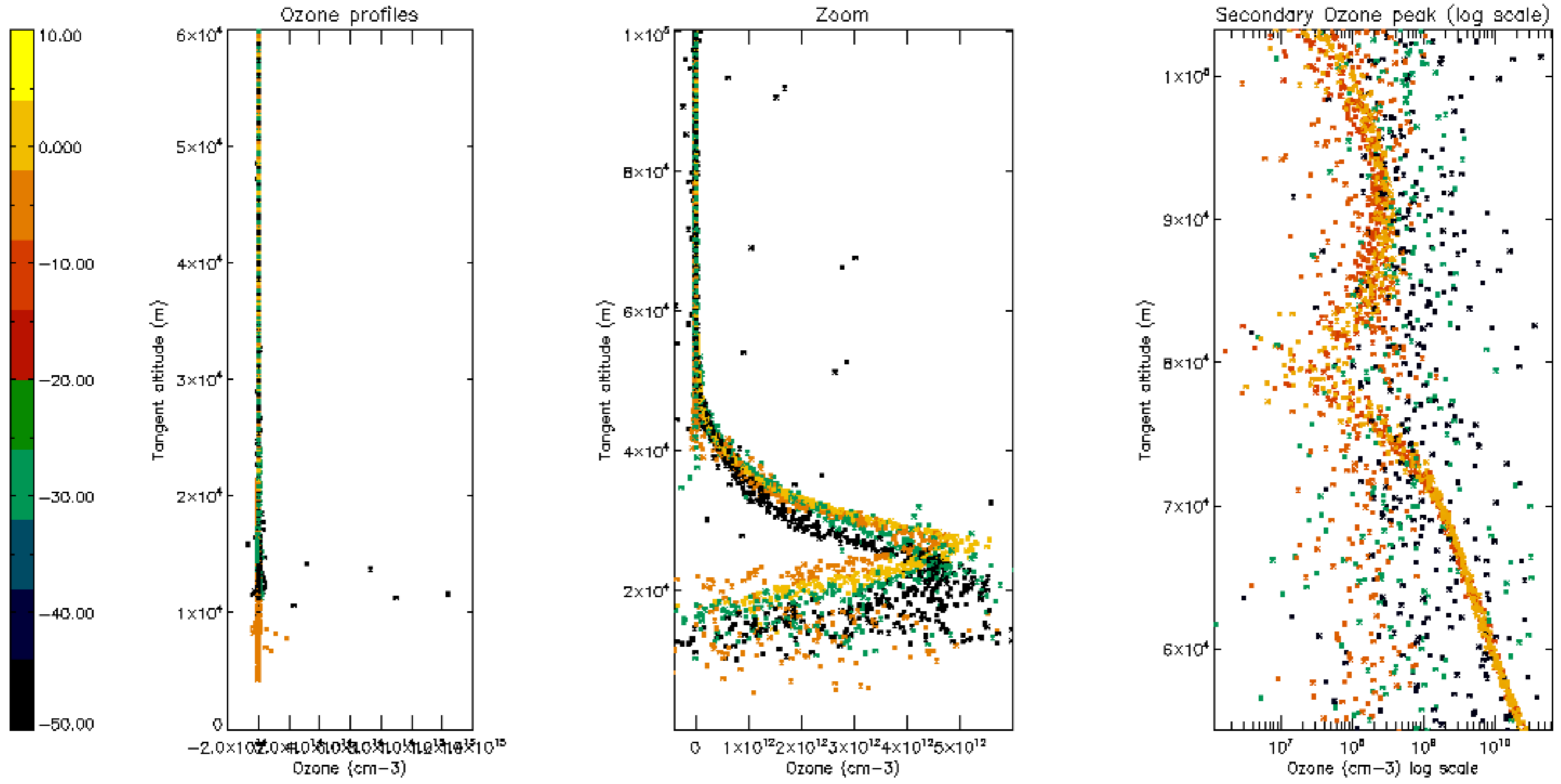


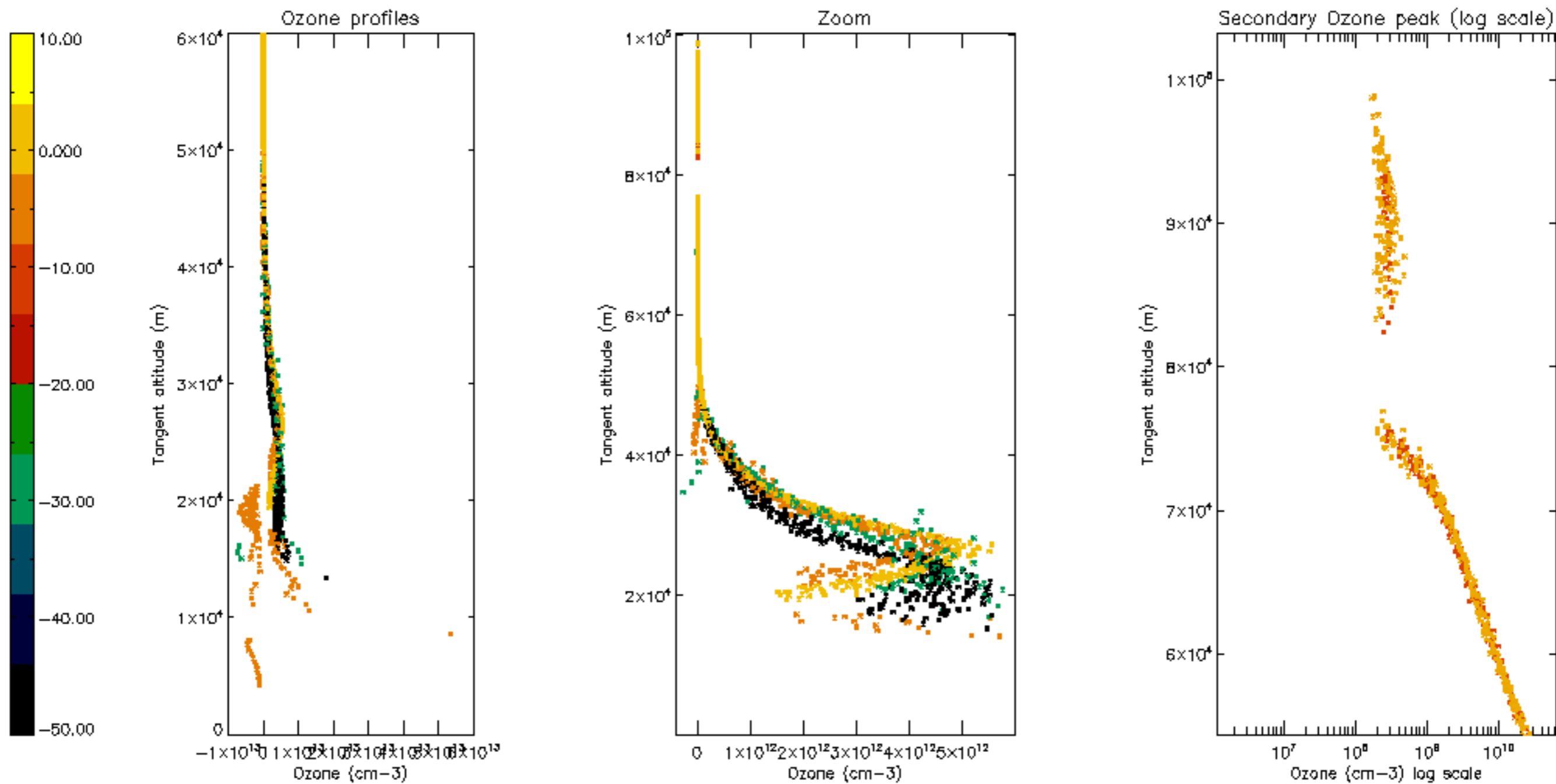
Percentage of star falling outside central band per profile

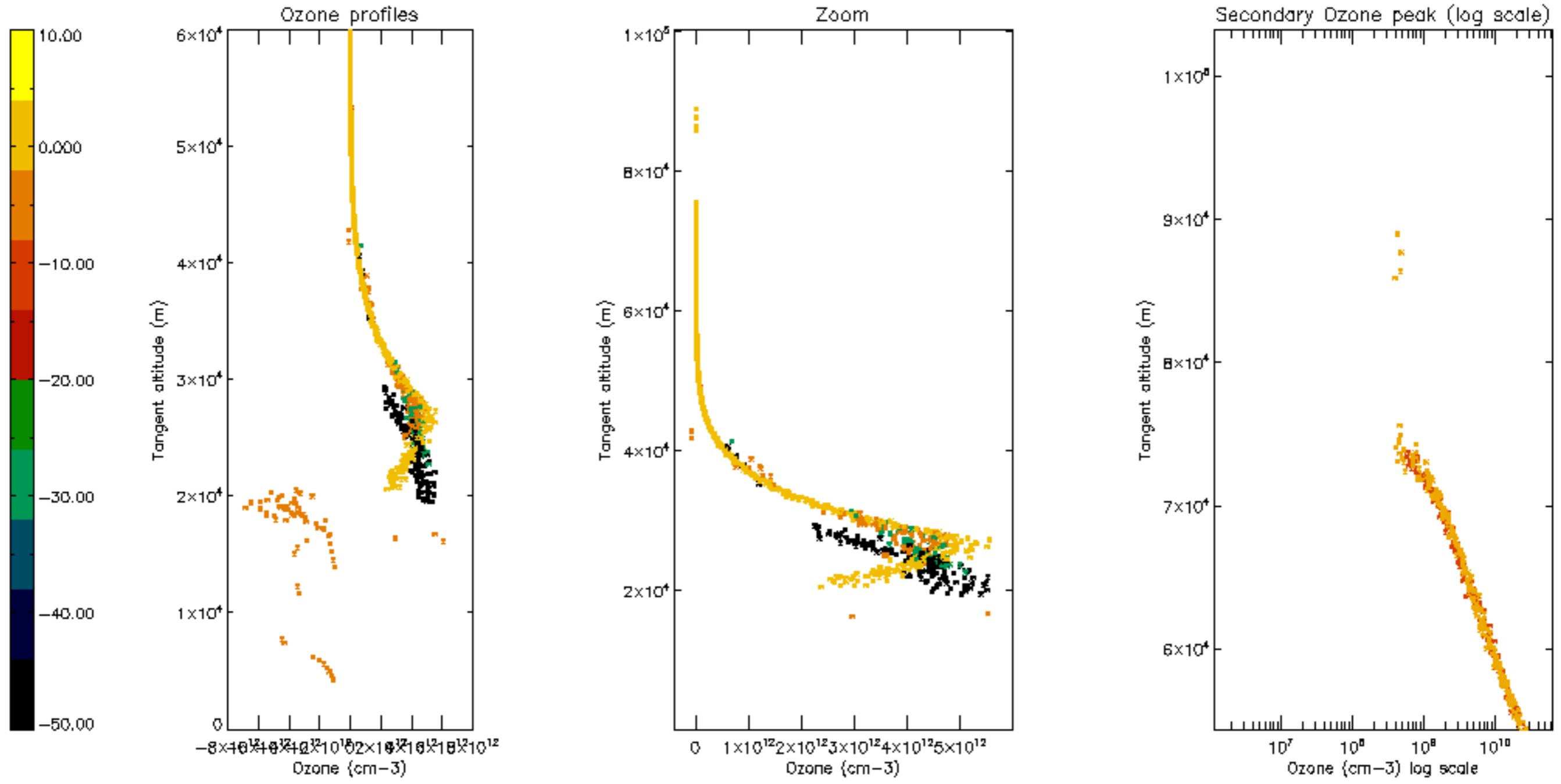


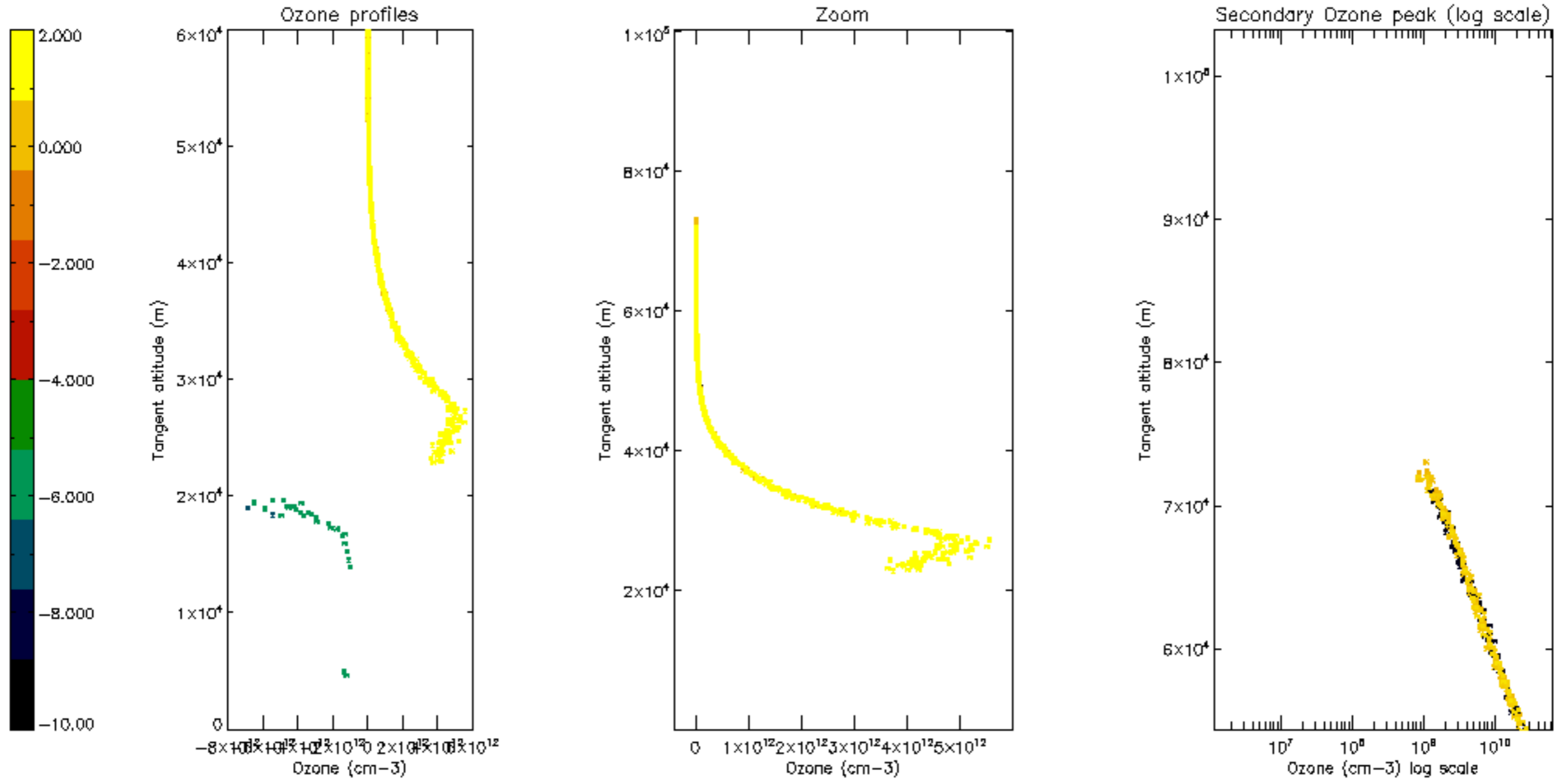
Percentage of saturation errors per profile

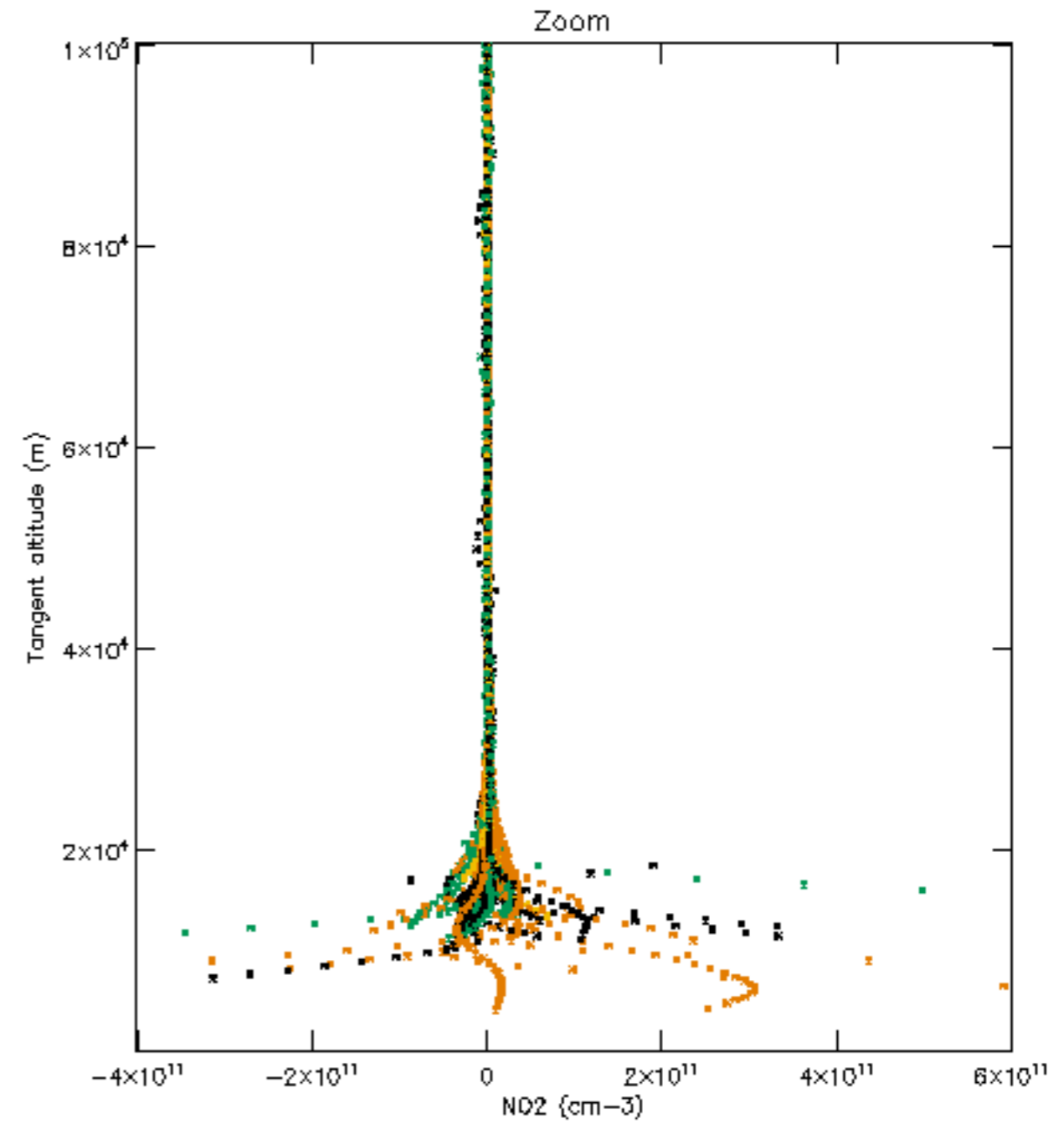
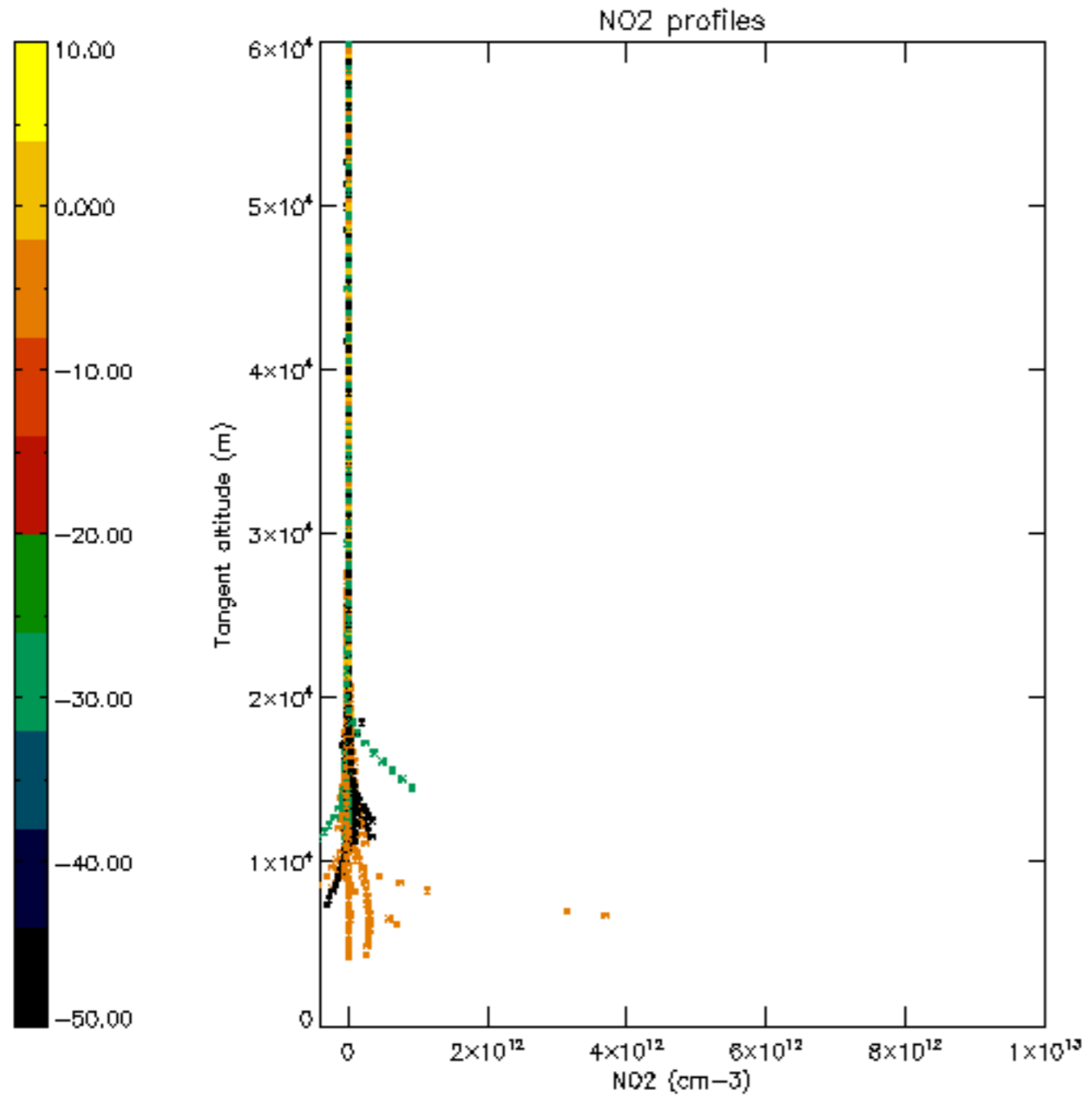


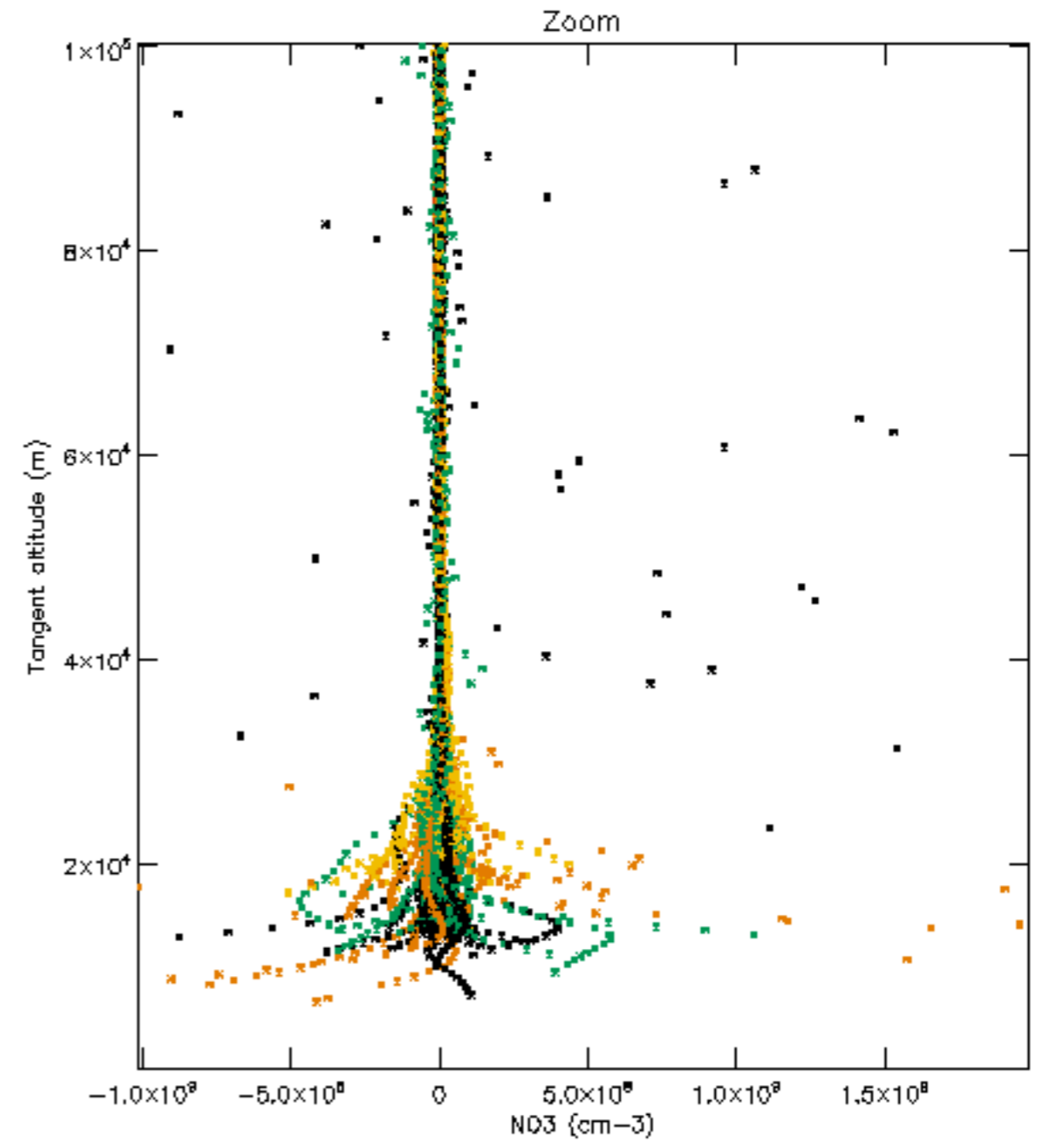
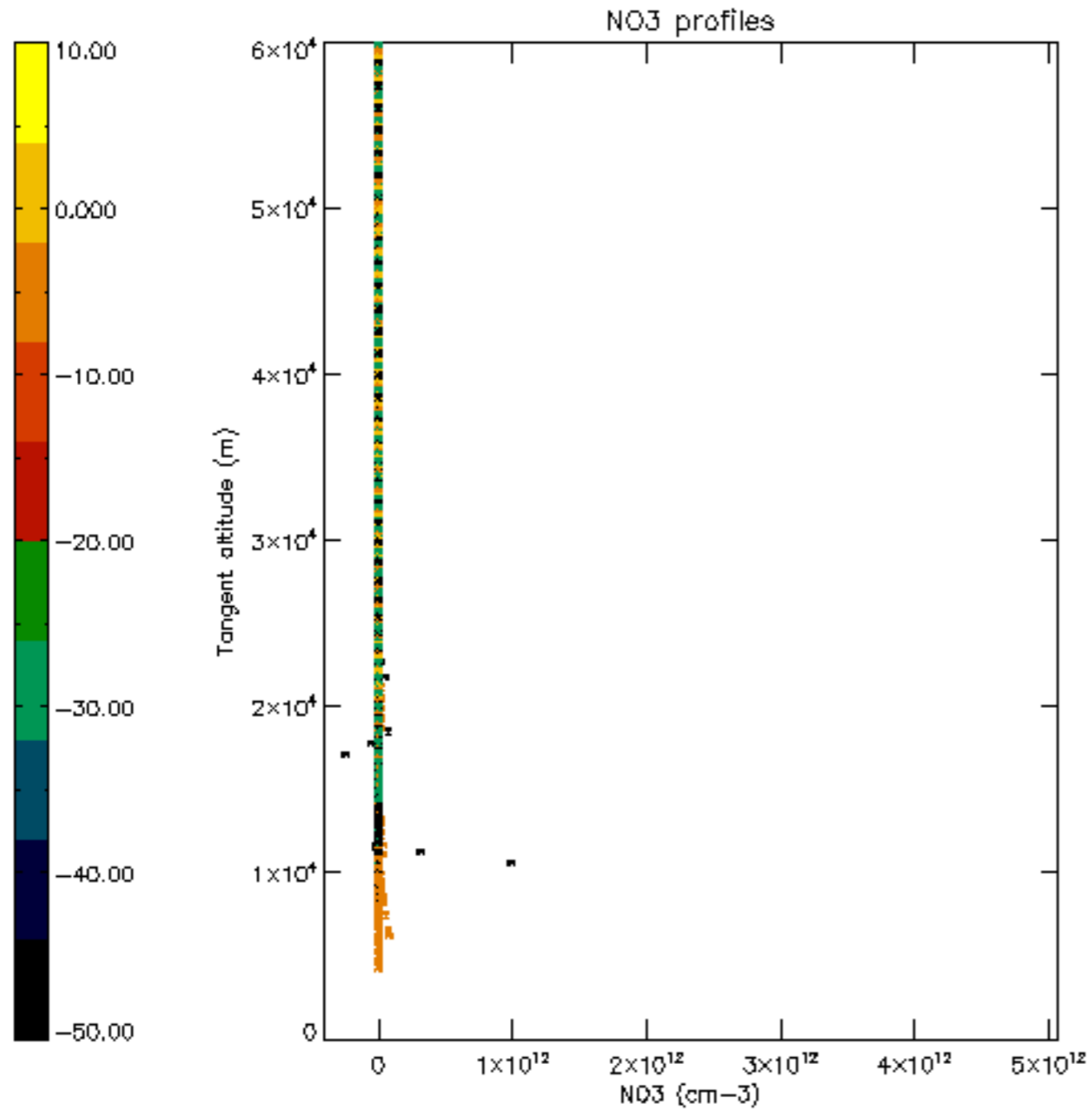


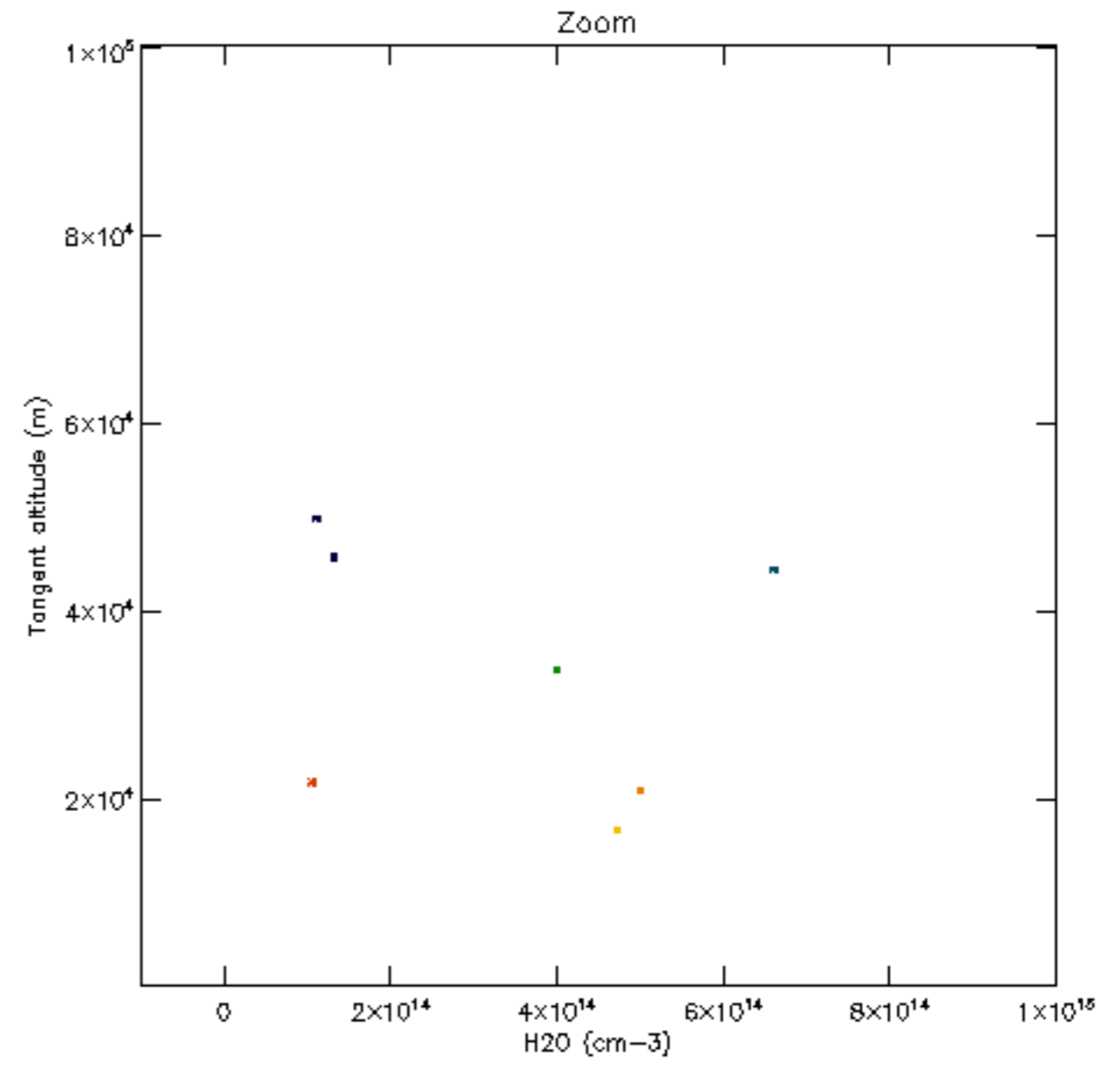
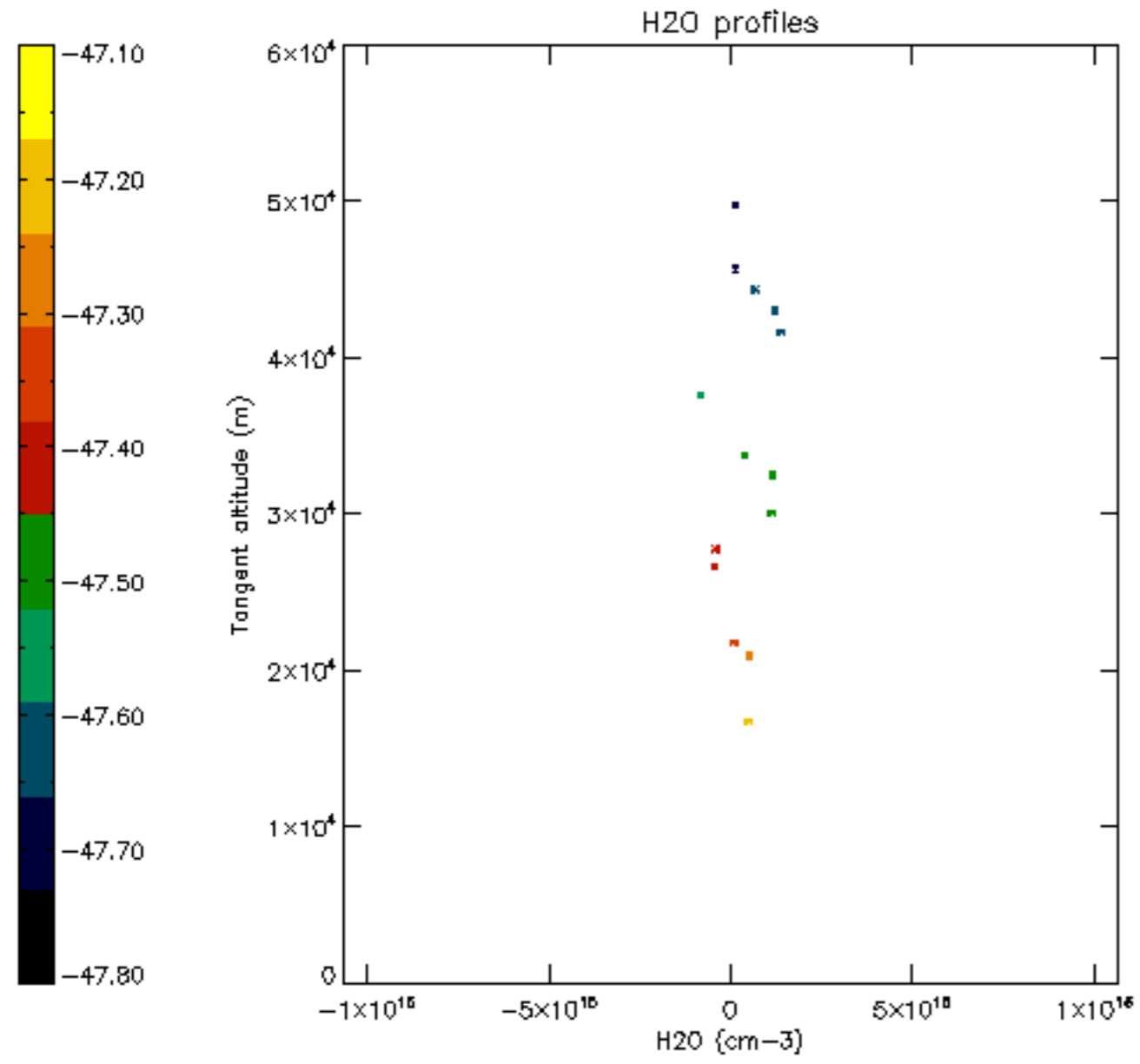


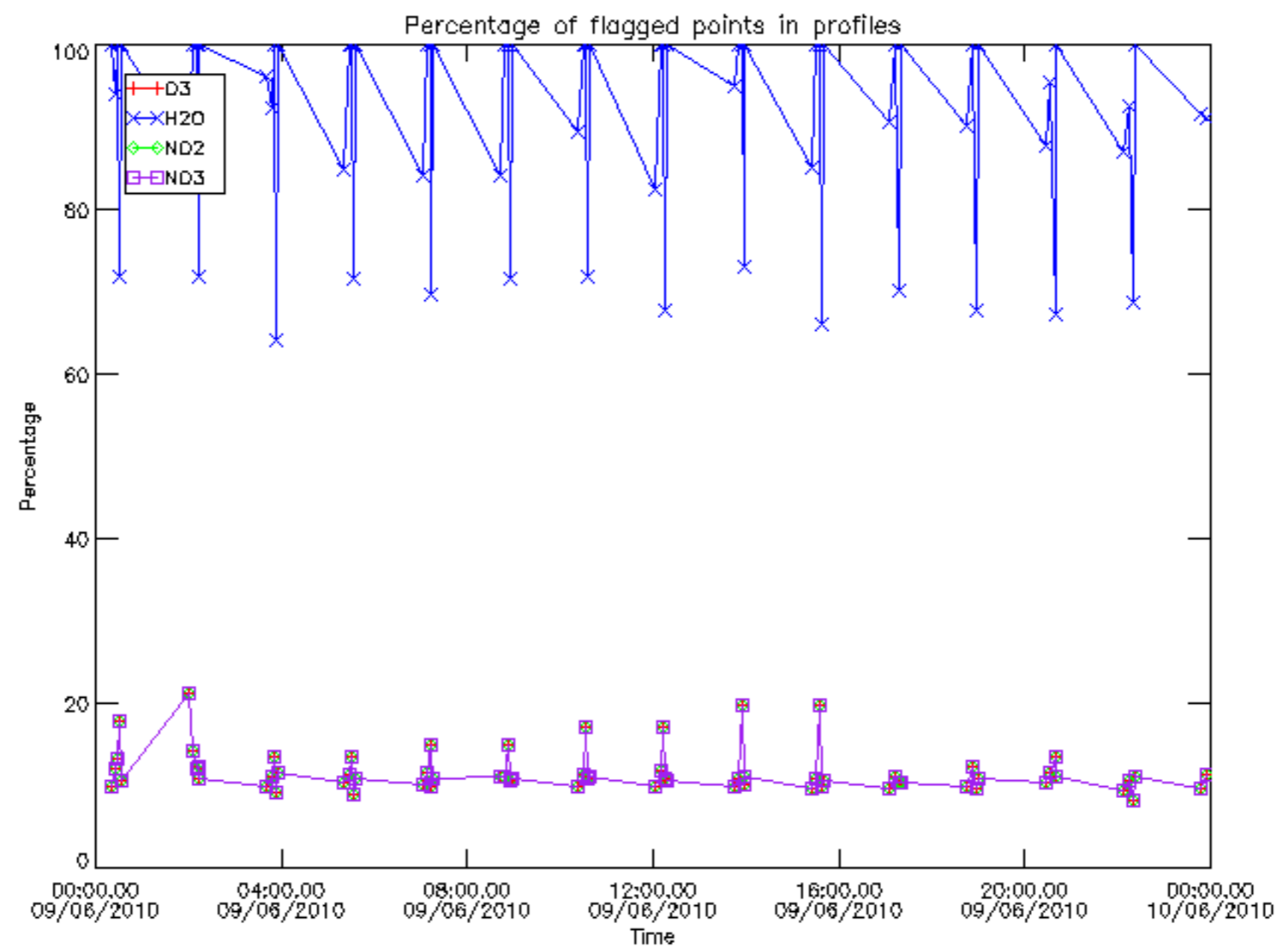




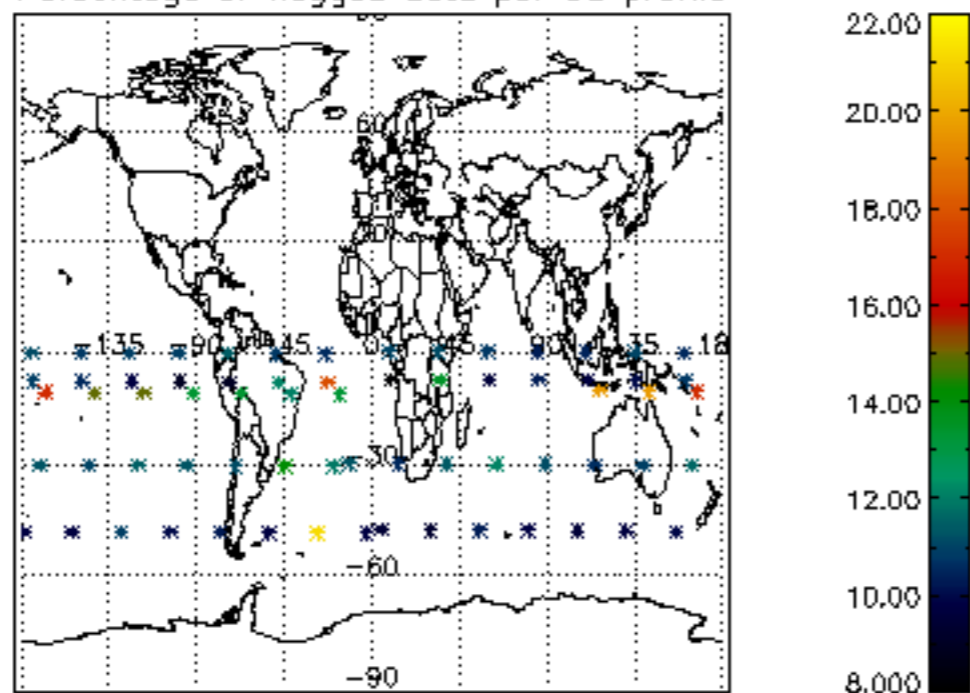




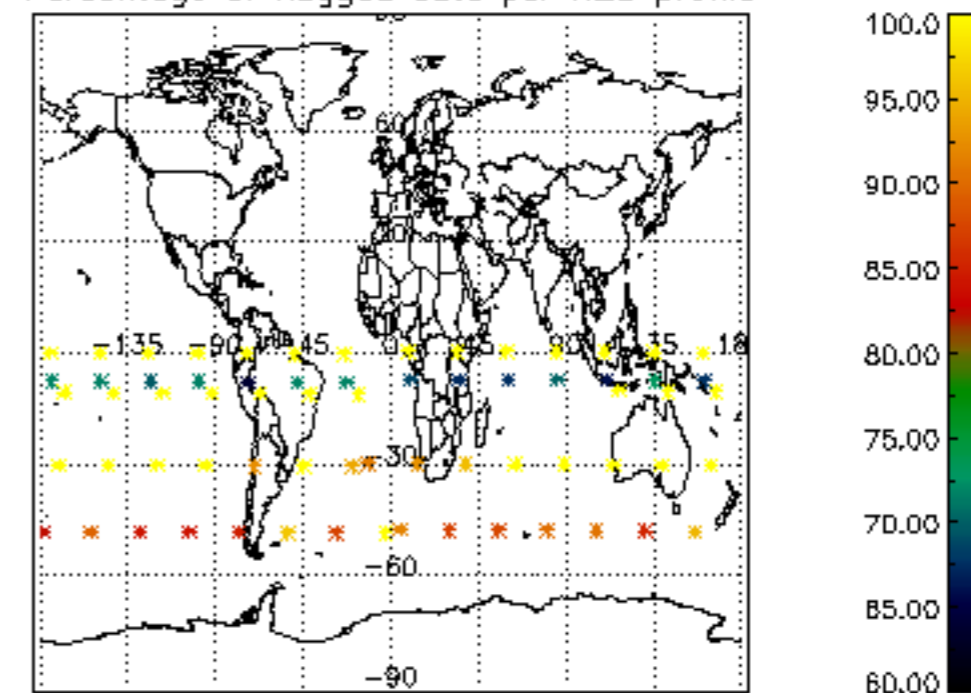




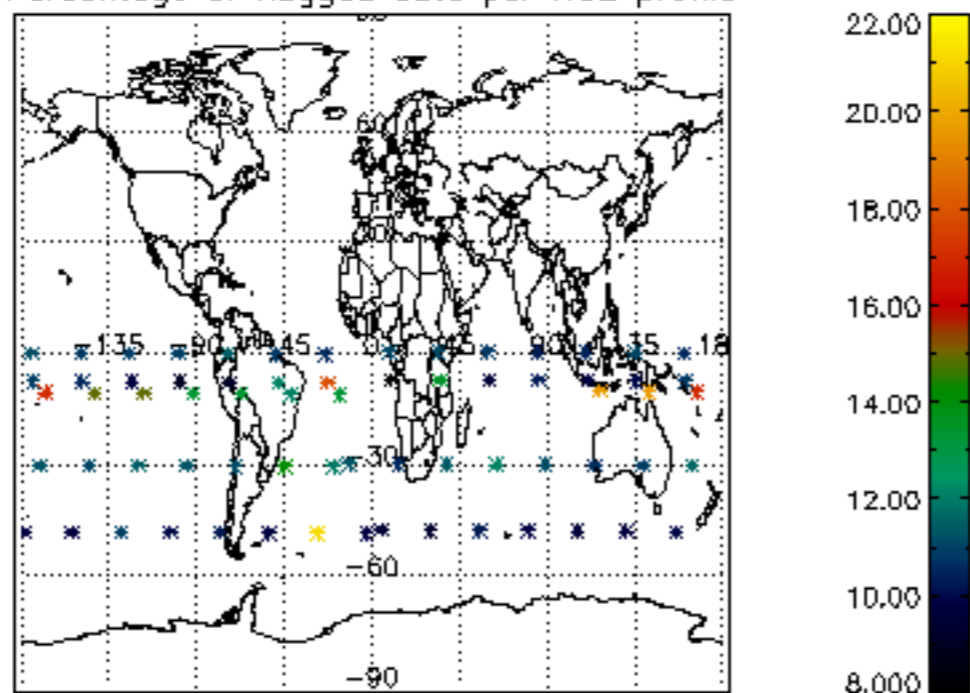
Percentage of flagged data per D3 profile



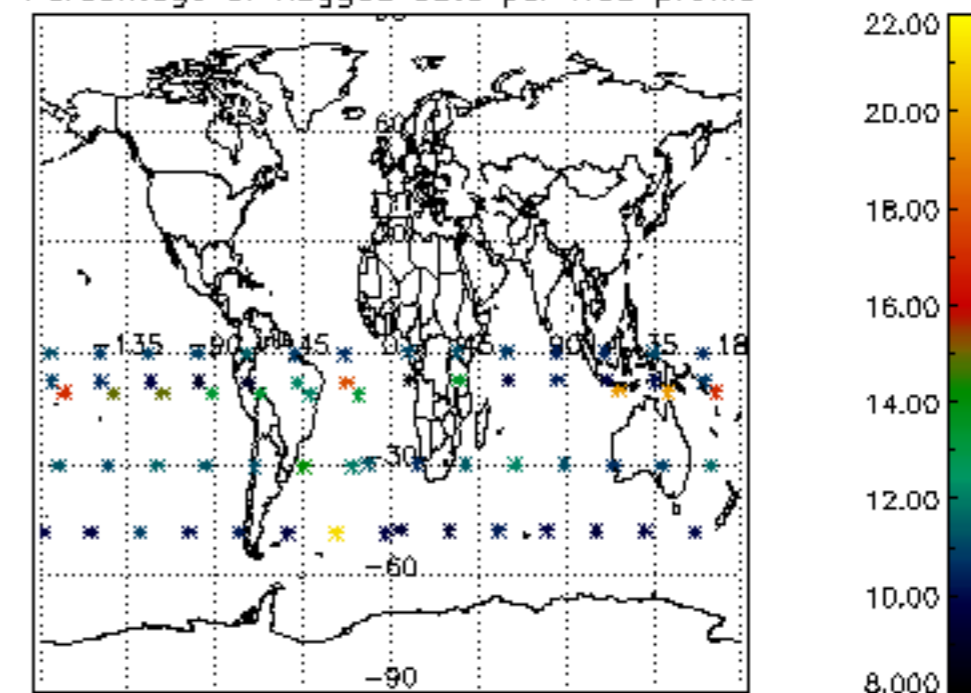
Percentage of flagged data per H2O profile

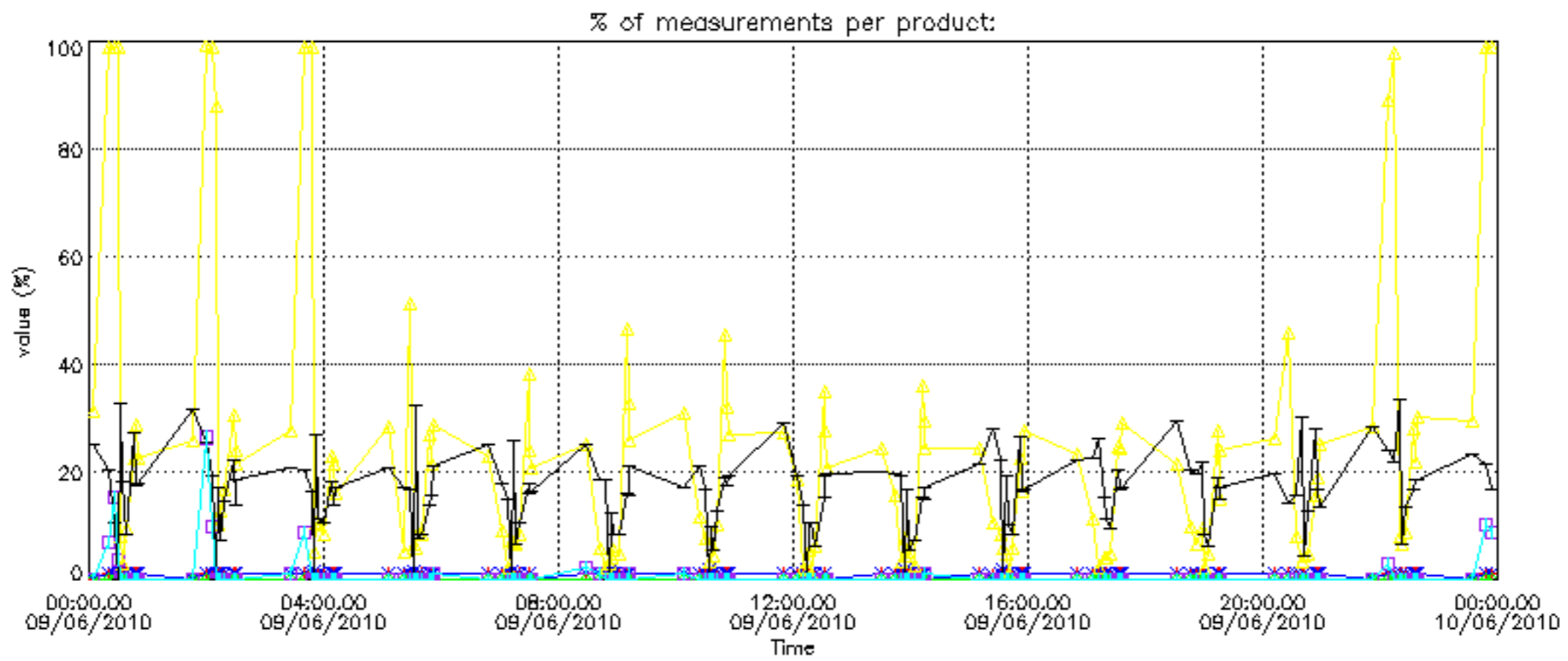


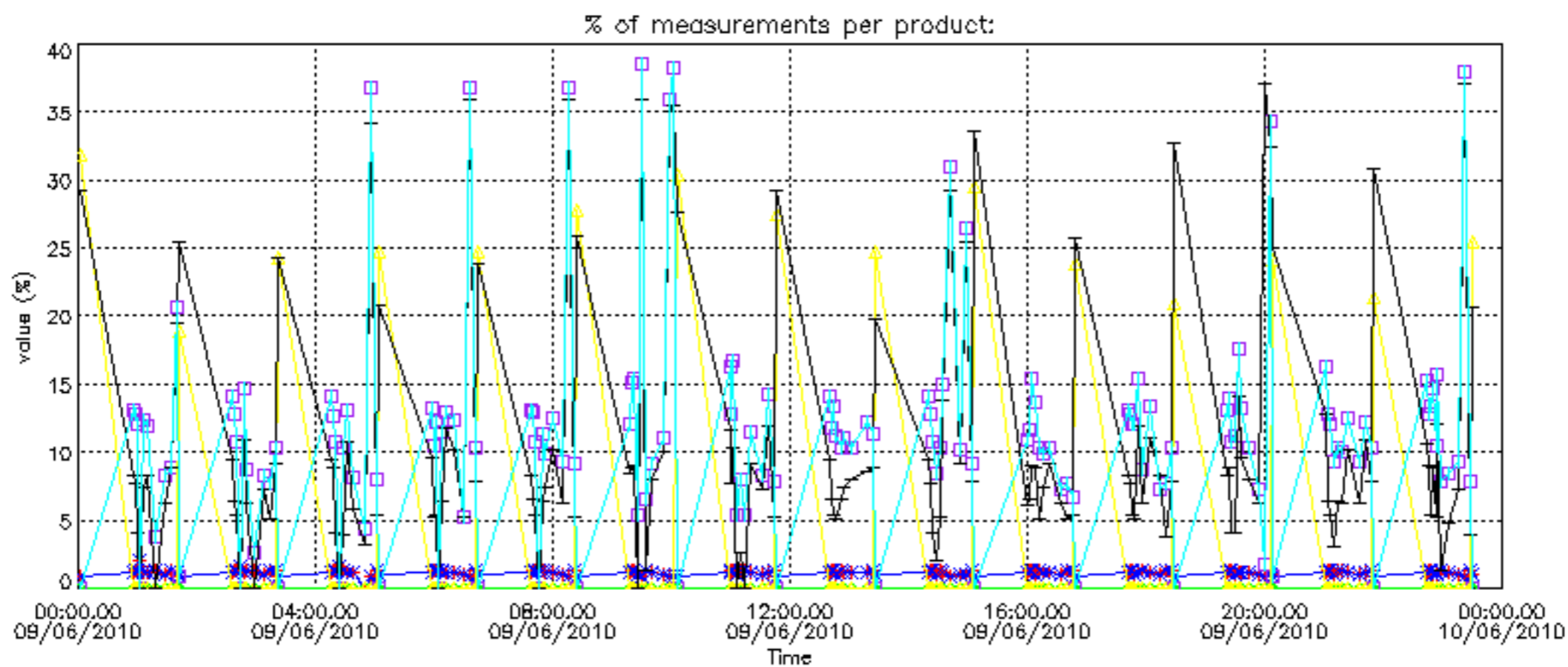
Percentage of flagged data per NO2 profile



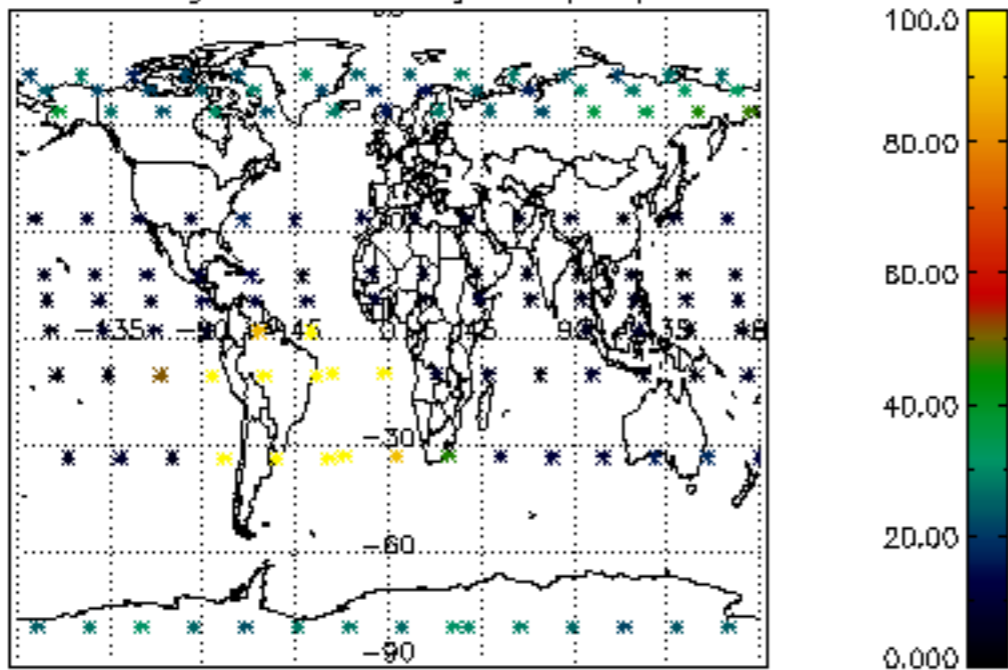
Percentage of flagged data per NO3 profile



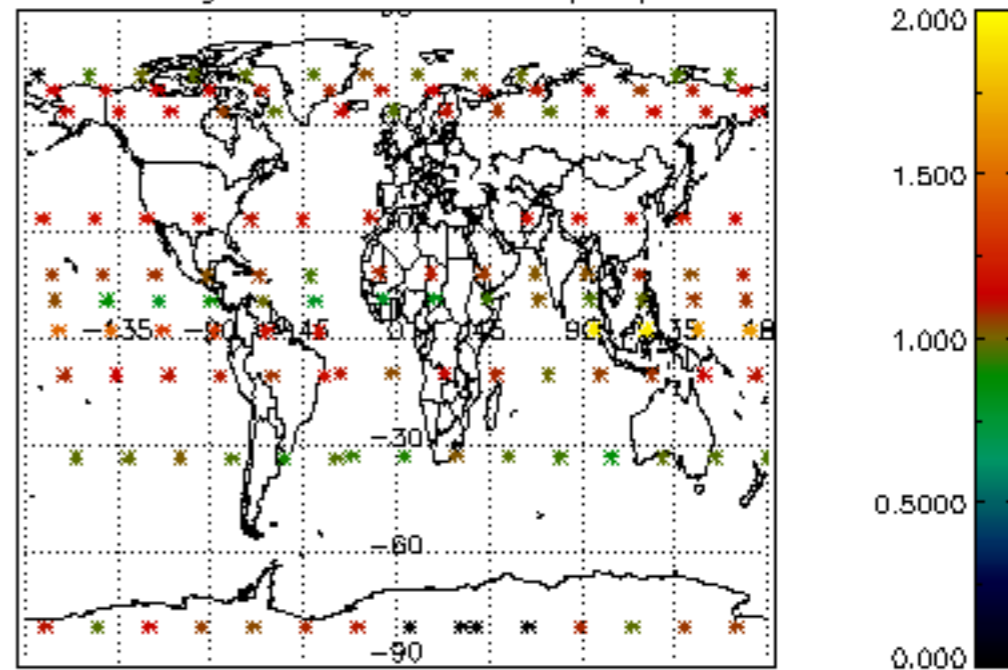




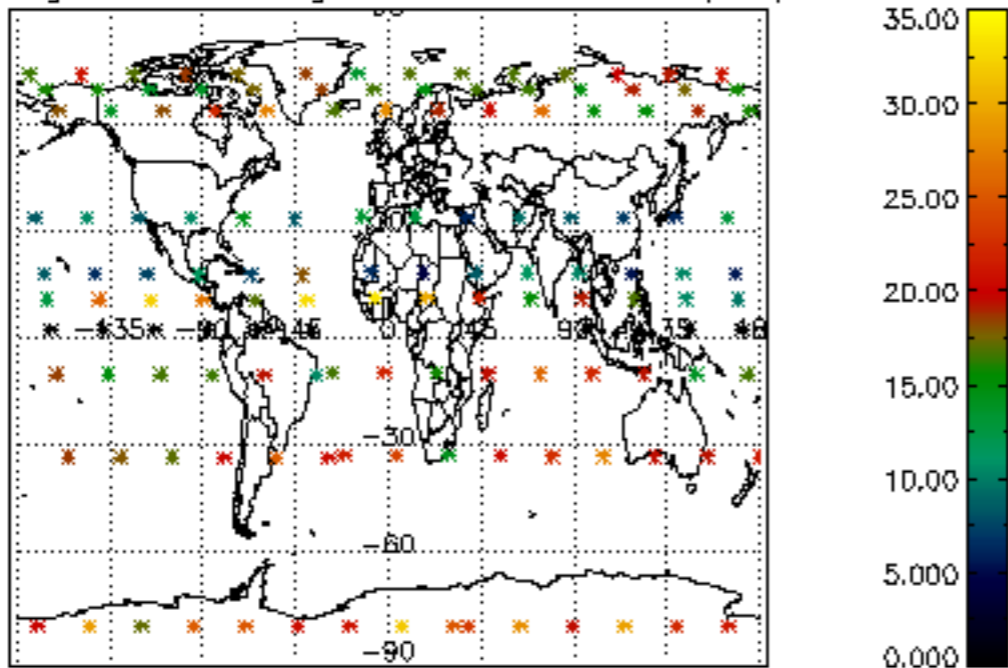
Percentage of cosmic ray hits per profile



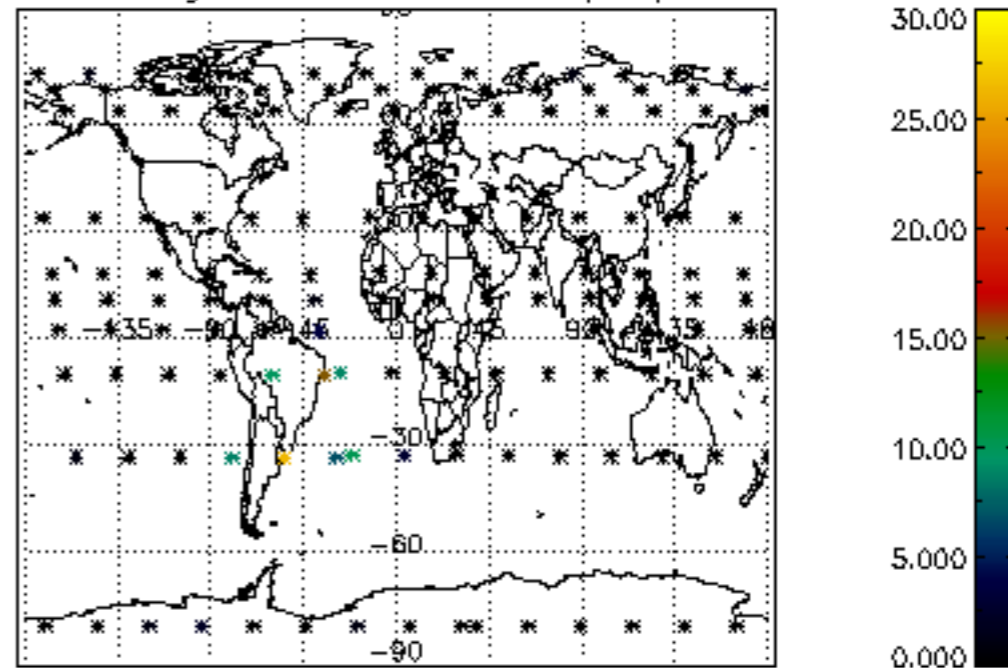
Percentage of datation errors per profile



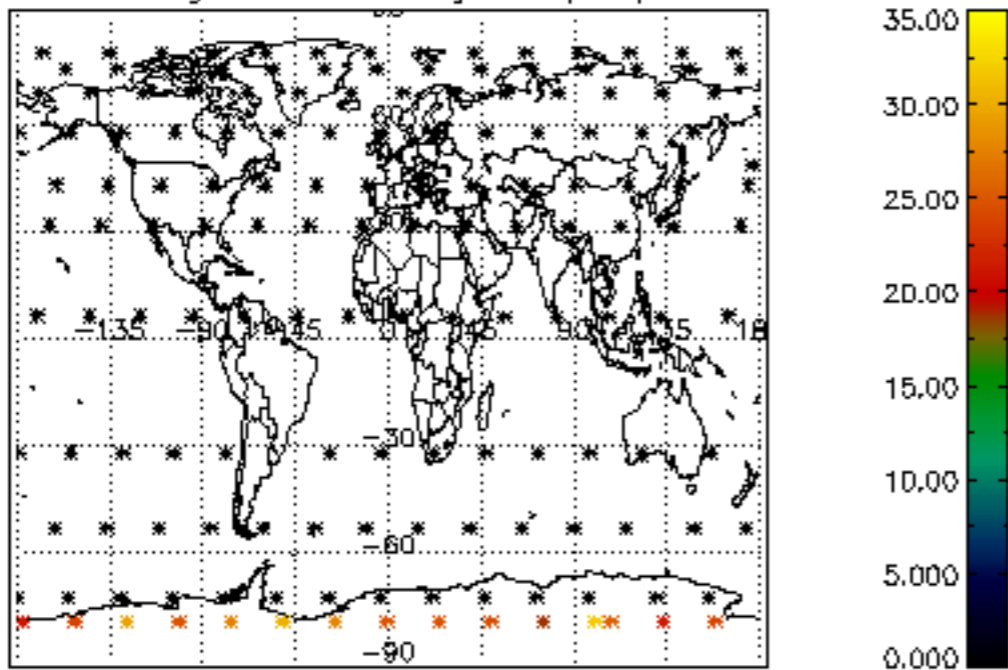
Percentage of star falling outside central band per profile



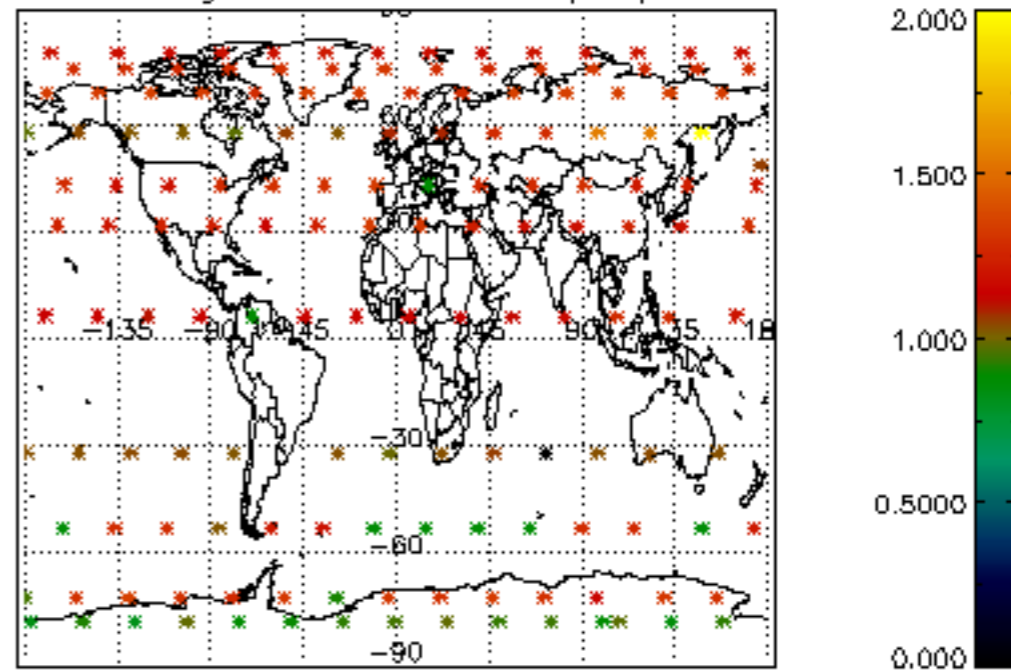
Percentage of saturation errors per profile



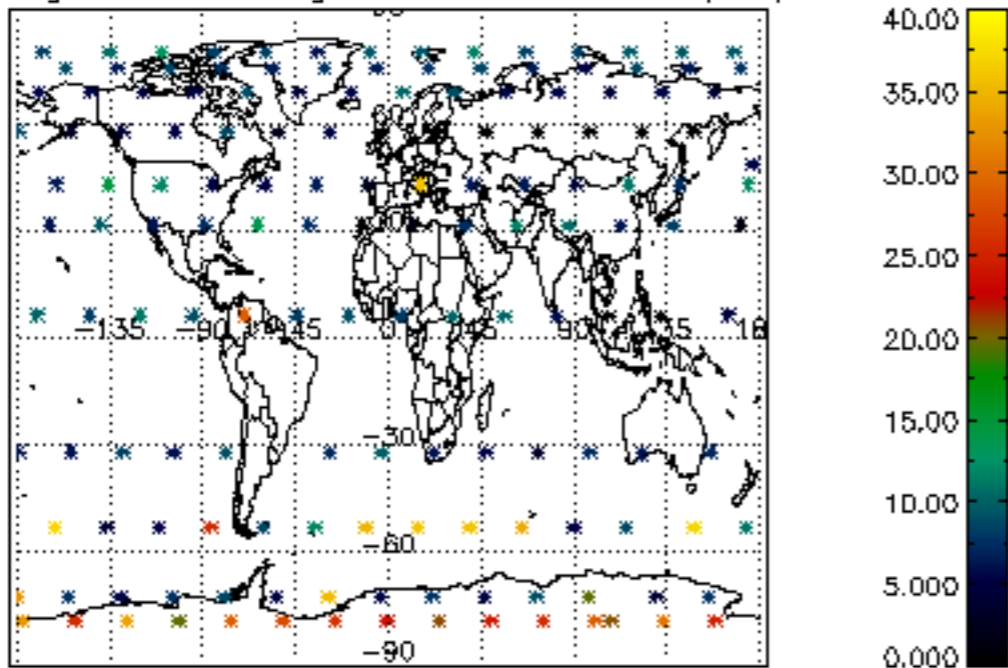
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

