

GOMOS Level 2 Daily Report

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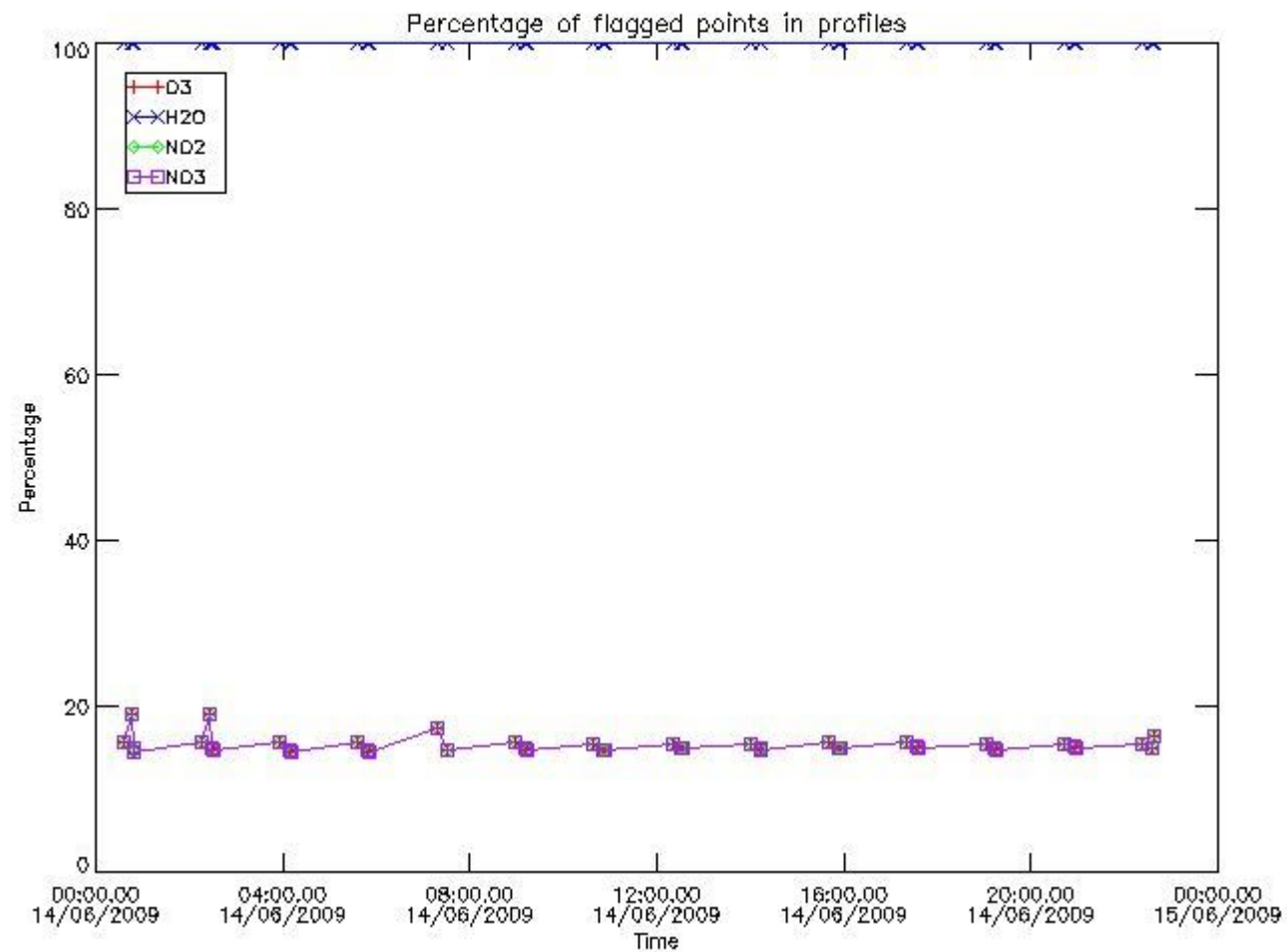
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161	GOM_NL__2PRFIN20090614_214853_000000322079_00487_38116_3190.N1	14-JUN-2009 21:48:53	Twilight_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38116	No
162	GOM_NL__2PRFIN20090614_215514_000000262079_00487_38116_3191.N1	14-JUN-2009 21:55:14	Twilight_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38116	No
163	GOM_NL__2PRFIN20090614_215635_000000252079_00487_38116_3192.N1	14-JUN-2009 21:56:35	Twilight_stray	25.000	68	18Alp Cas	2.2250	4500.0	50	38116	No
164	GOM_NL__2PRFIN20090614_220401_000000252079_00487_38116_3193.N1	14-JUN-2009 22:04:01	Twilight_stray	25.000	53	43Bet And	2.0480	3300.0	50	38116	No
165	GOM_NL__2PRFIN20090614_222301_000000332079_00487_38116_3194.N1	14-JUN-2009 22:23:01	Dark	33.000	52	16Bet Cet	2.0370	4500.0	66	38116	No
166	GOM_NL__2PRFIN20090614_223528_000000342079_00488_38117_3200.N1	14-JUN-2009 22:35:28	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38117	No
167	GOM_NL__2PRFIN20090614_223731_000000342079_00488_38117_3201.N1	14-JUN-2009 22:37:31	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38117	No
168	GOM_NL__2PRFIN20090614_223921_000000422079_00488_38117_3202.N1	14-JUN-2009 22:39:21	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38117	No
169	GOM_NL__2PRFIN20090614_225137_000000342079_00488_38117_3203.N1	14-JUN-2009 22:51:37	Twilight_stray	33.500	103	38Zet Sgr	2.6000	9700.0	67	38117	No
170	GOM_NL__2PRFIN20090614_225306_000000352079_00488_38117_3204.N1	14-JUN-2009 22:53:06	Twilight_stray	34.500	57	34Sig Sgr	2.0660	26000.	69	38117	No
171	GOM_NL__2PRFIN20090614_230437_000000322079_00488_38117_3205.N1	14-JUN-2009 23:04:37	Bright	32.000	126	60Bet Oph	2.7700	4250.0	64	38117	No
172	GOM_NL__2PRFIN20090614_230709_000000322079_00488_38117_3206.N1	14-JUN-2009 23:07:09	Bright	31.500	59	55Alp Oph	2.0800	8900.0	63	38117	No
173	GOM_NL__2PRFIN20090614_231900_000000292079_00488_38117_3207.N1	14-JUN-2009 23:19:00	Bright	29.000	130	23Bet Dra	2.7990	5800.0	58	38117	No
174	GOM_NL__2PRFIN20090614_232928_000000322079_00488_38117_3208.N1	14-JUN-2009 23:29:28	Twilight_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38117	No
175	GOM_NL__2PRFIN20090614_233549_000000272079_00488_38117_3209.N1	14-JUN-2009 23:35:49	Twilight_stray	26.500	74	11Bet Cas	2.2680	6600.0	53	38117	No
176	GOM_NL__2PRFIN20090614_233711_000000252079_00488_38117_3210.N1	14-JUN-2009 23:37:11	Twilight_stray	25.000	68	18Alp Cas	2.2250	4500.0	50	38117	No
177	GOM_NL__2PRFIN20090614_234437_000000252079_00488_38117_3211.N1	14-JUN-2009 23:44:37	Twilight_stray	25.000	53	43Bet And	2.0480	3300.0	50	38117	No

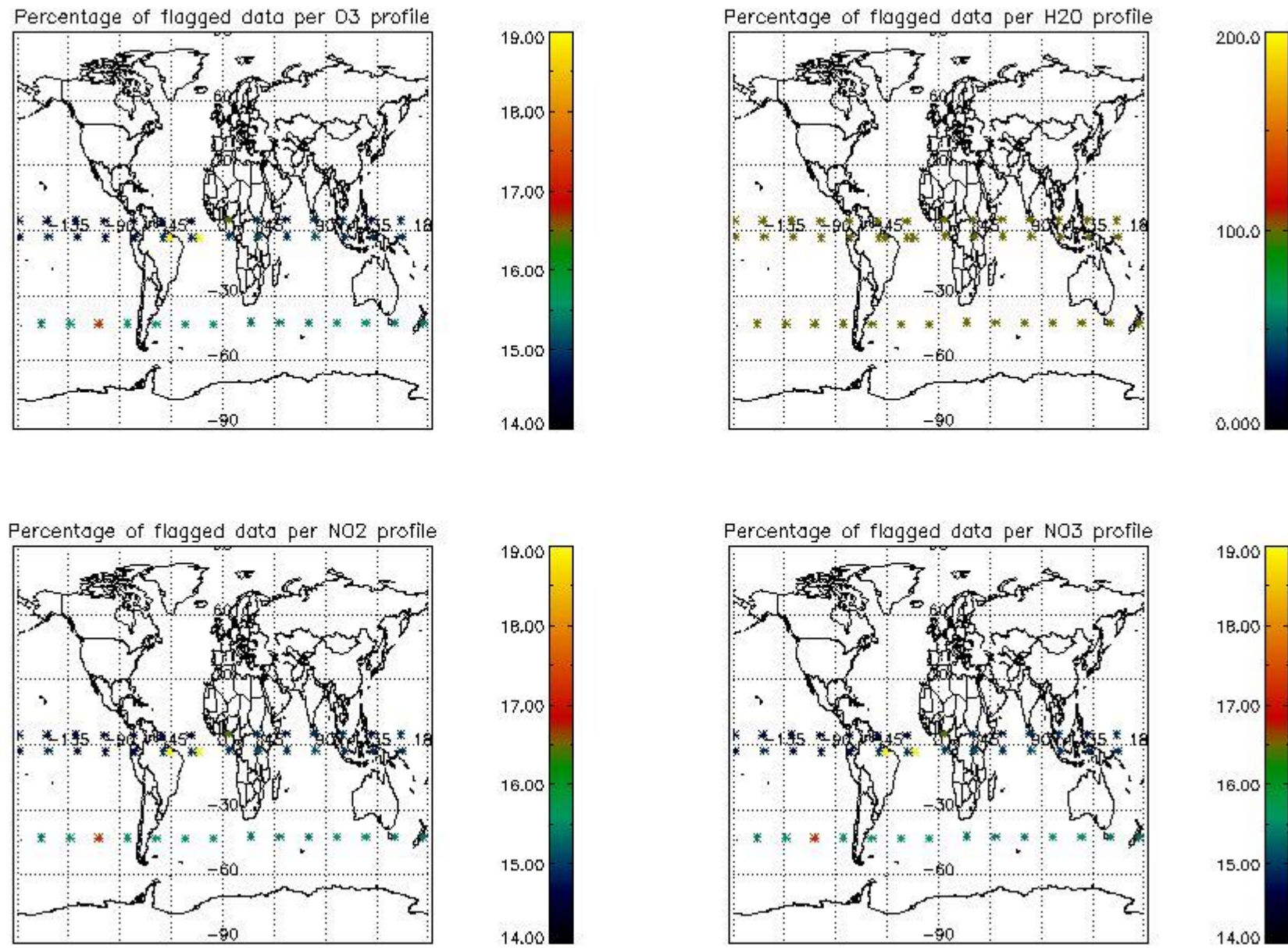
3. Quality information per product

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)

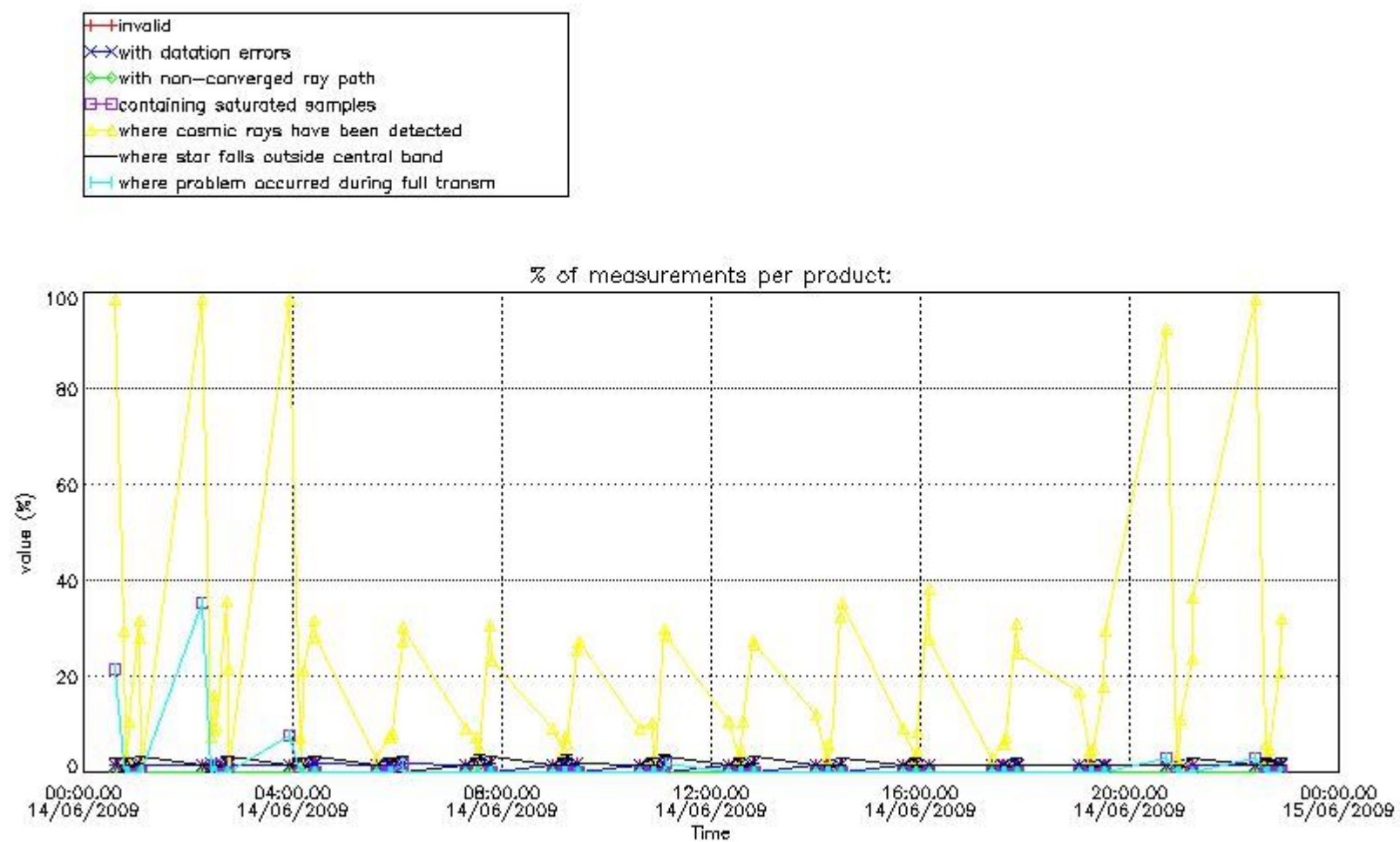


4. Level 1 quality information per product

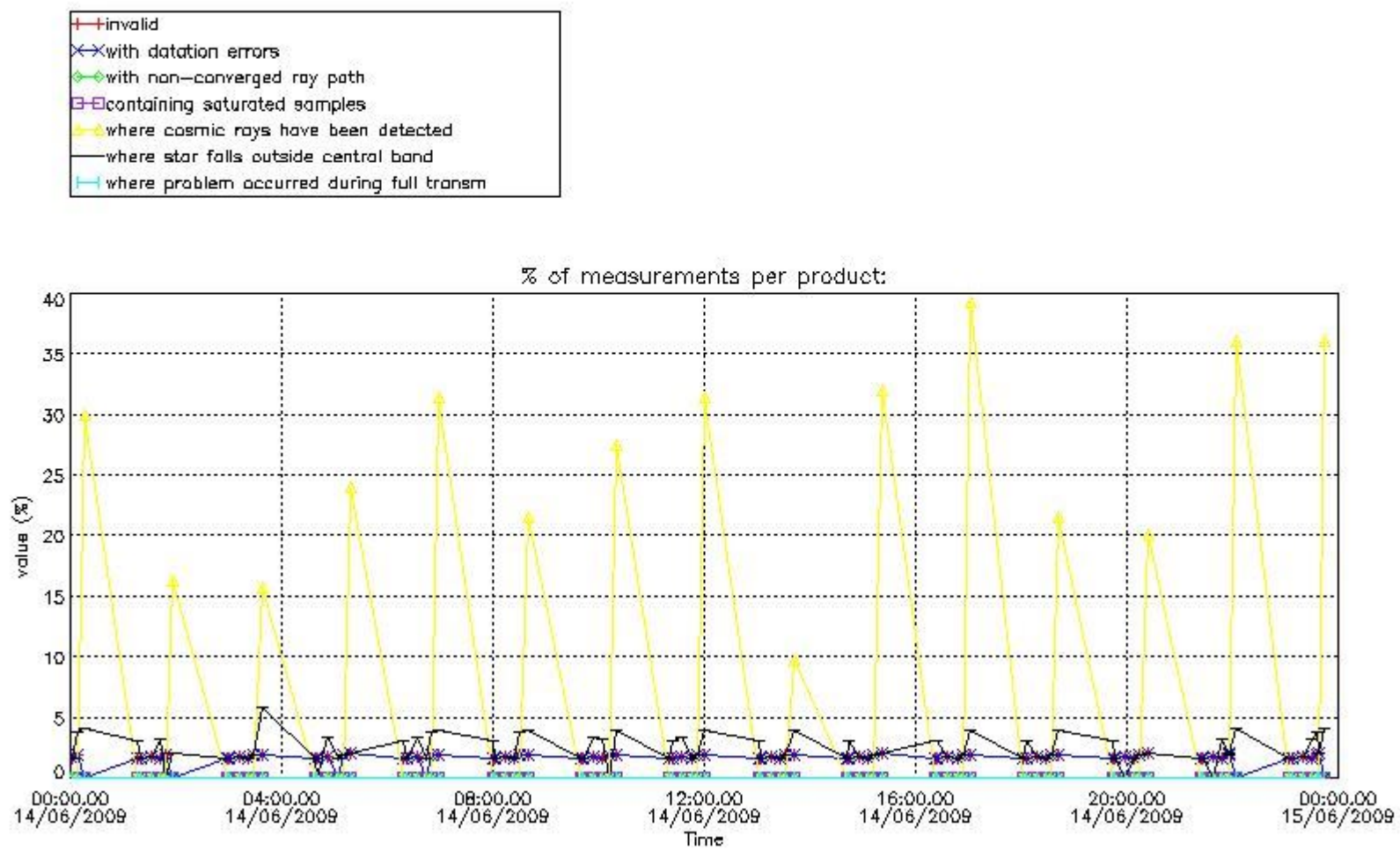
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



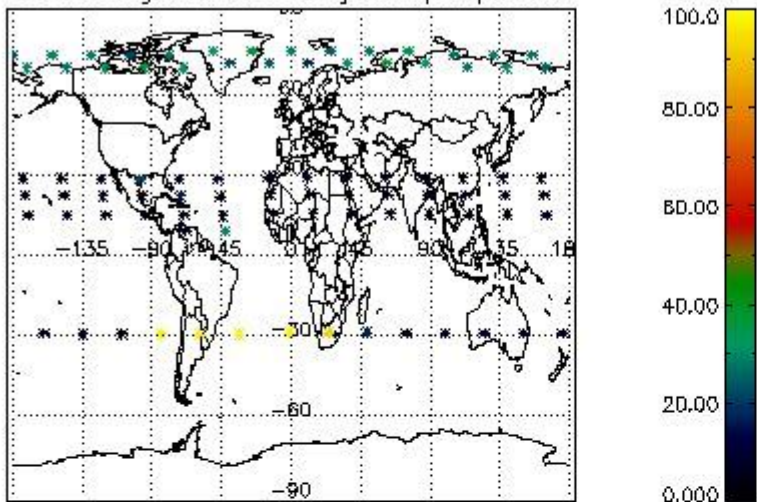
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



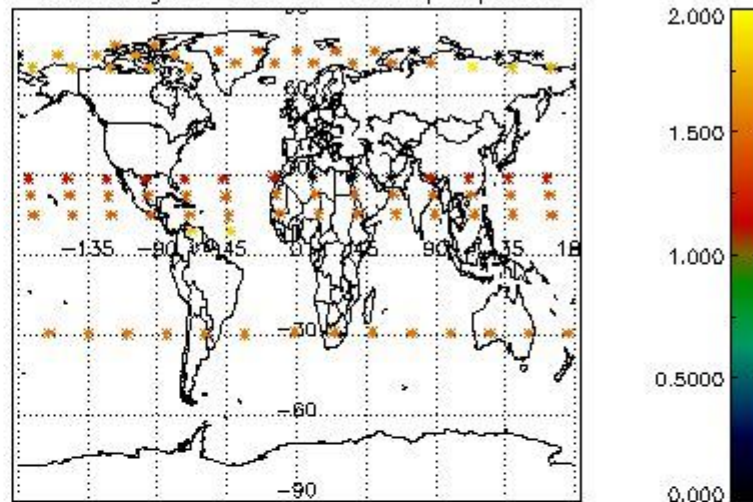
4.2 Plot quality information per product coming from level 1b processing (world map)

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

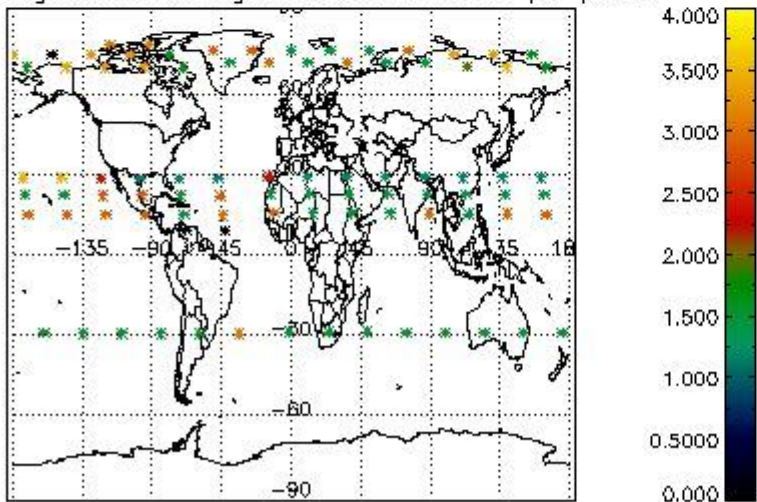
Percentage of cosmic ray hits per profile



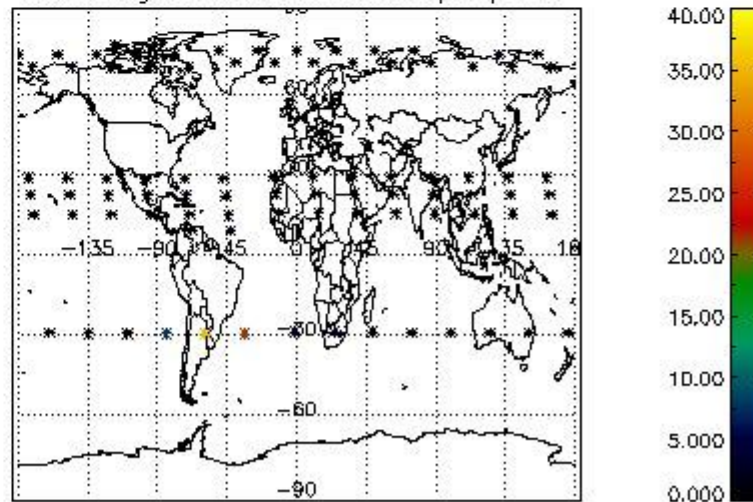
Percentage of datation errors per profile



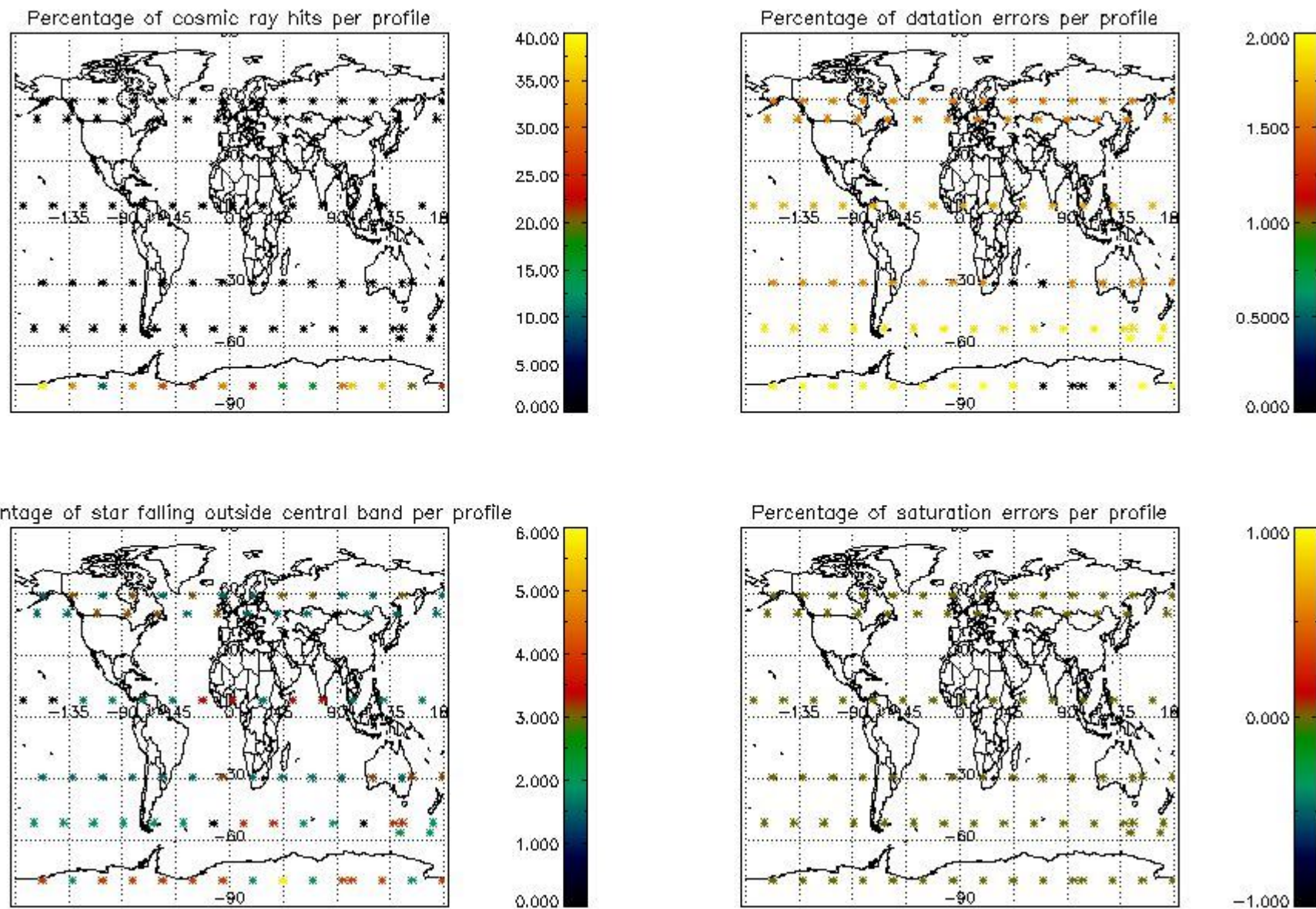
Percentage of star falling outside central band per profile



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

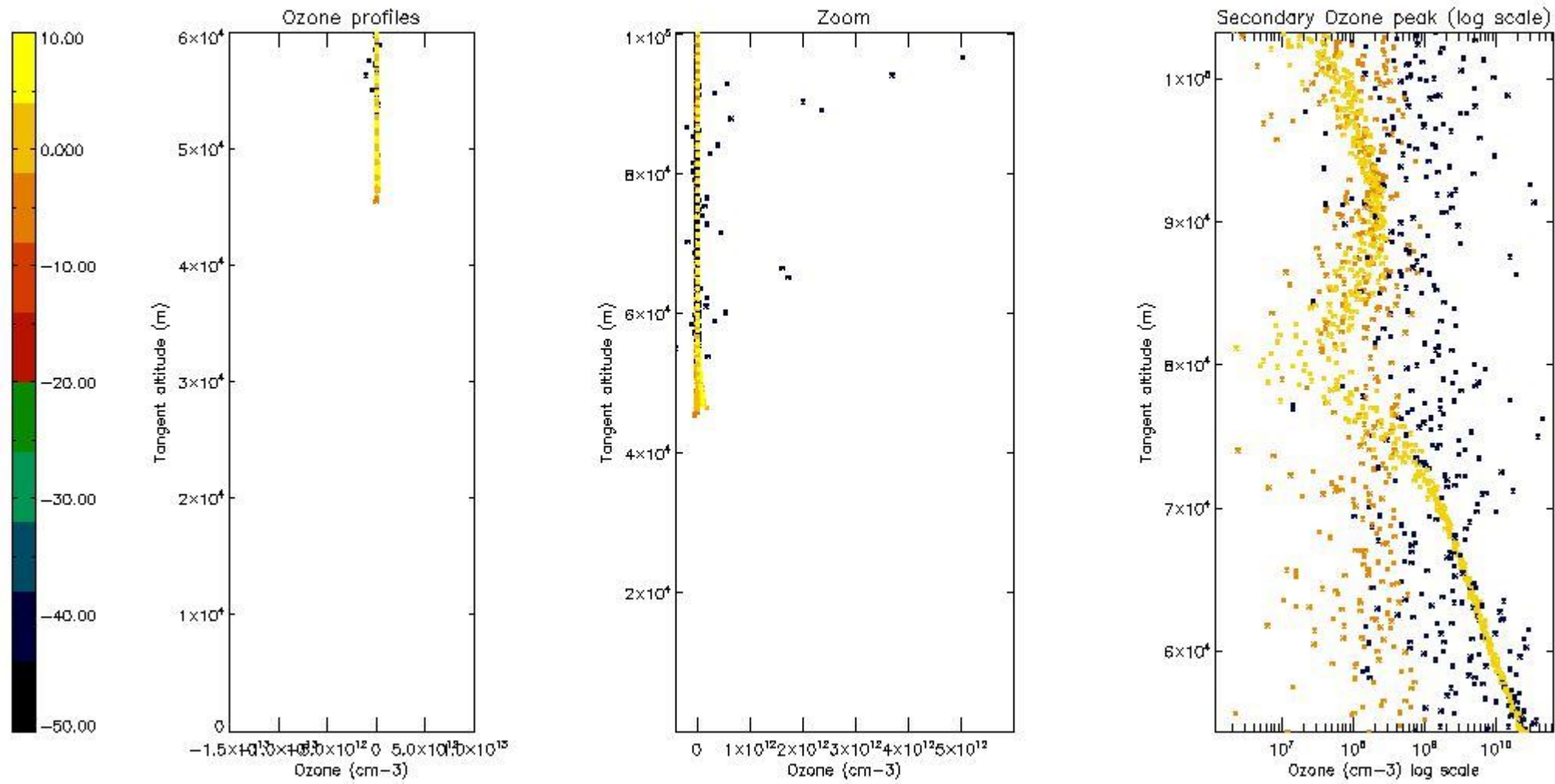
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	4

STD < 10	3
STD < 5	3

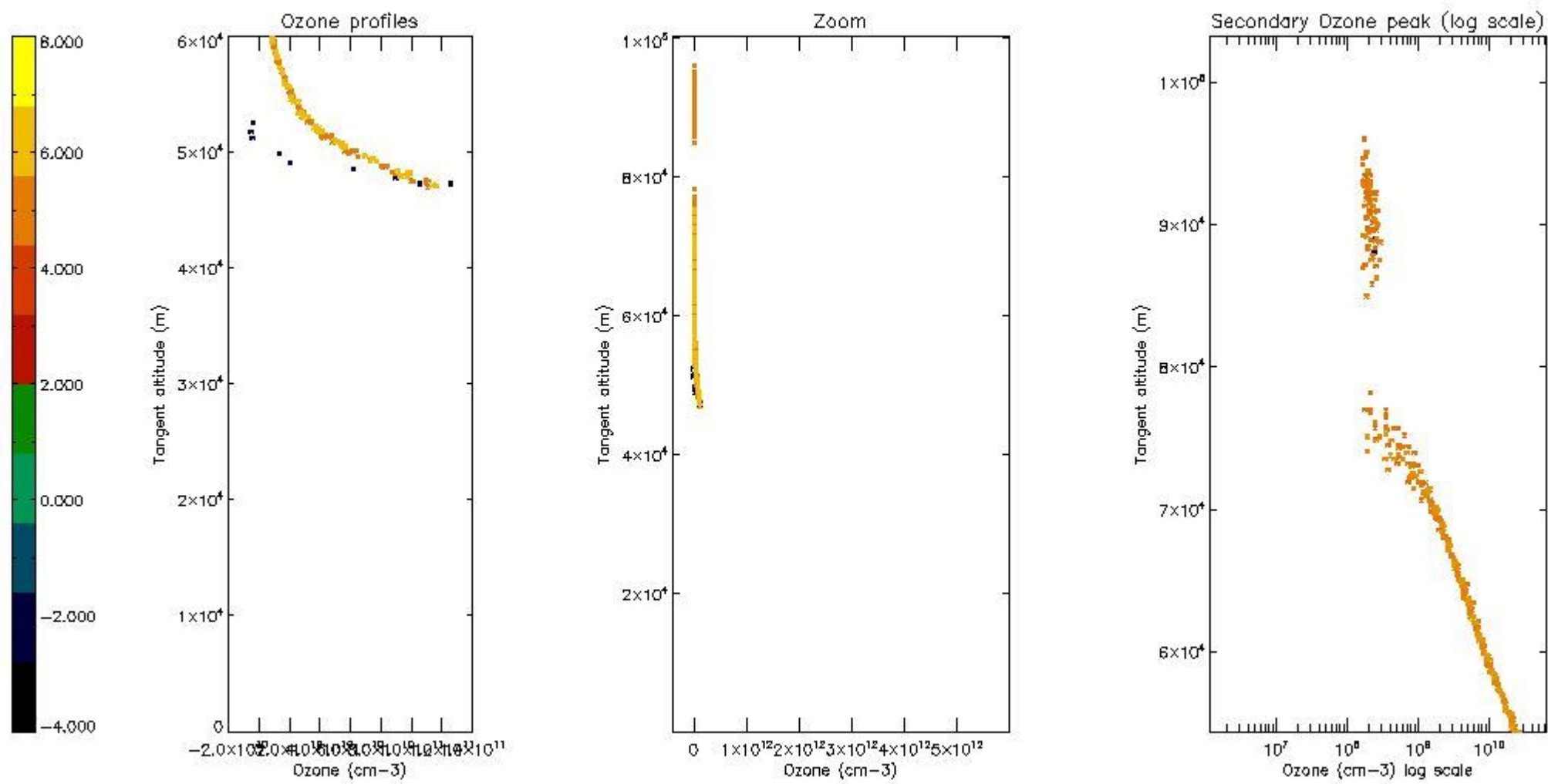
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



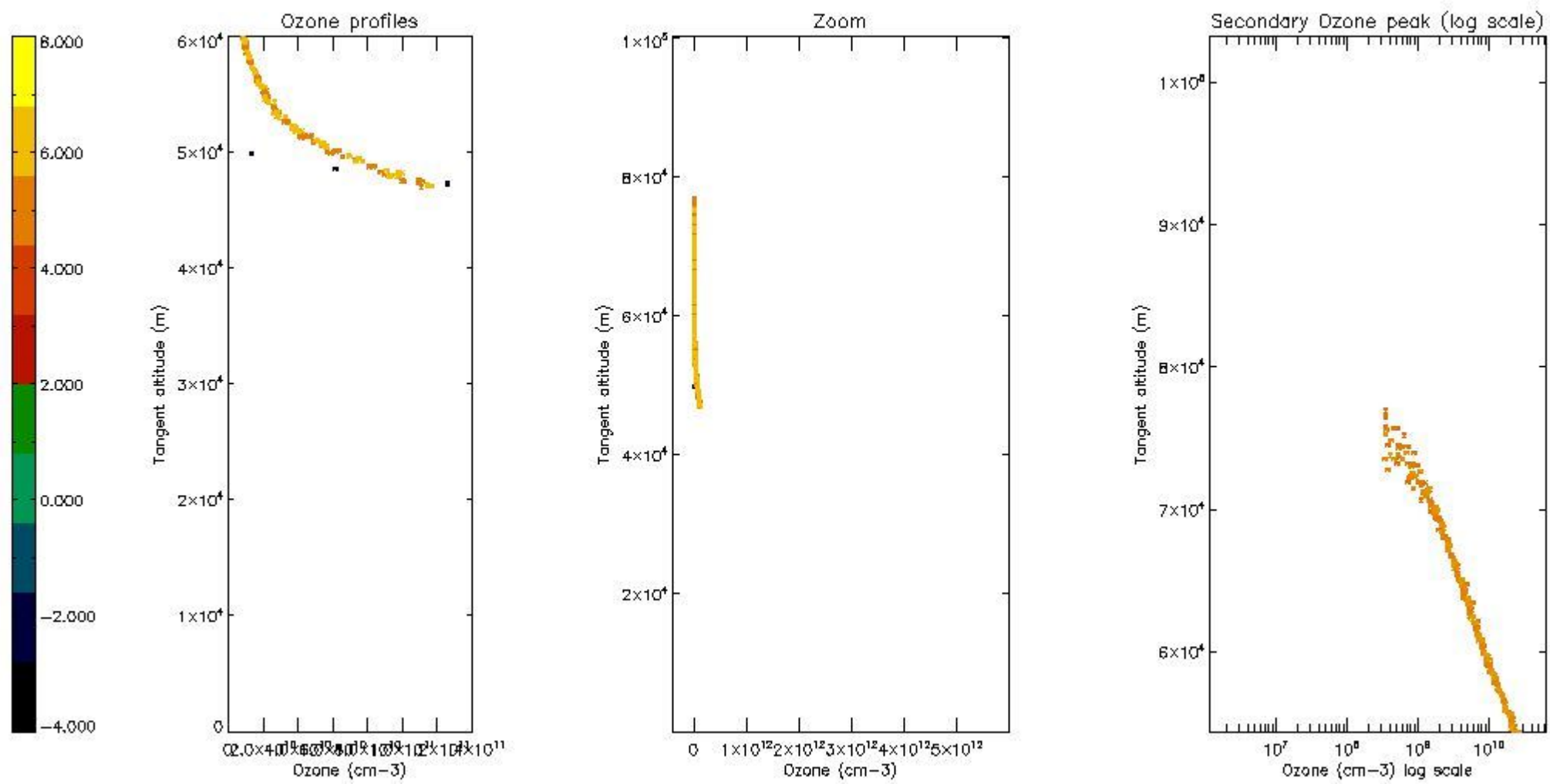
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



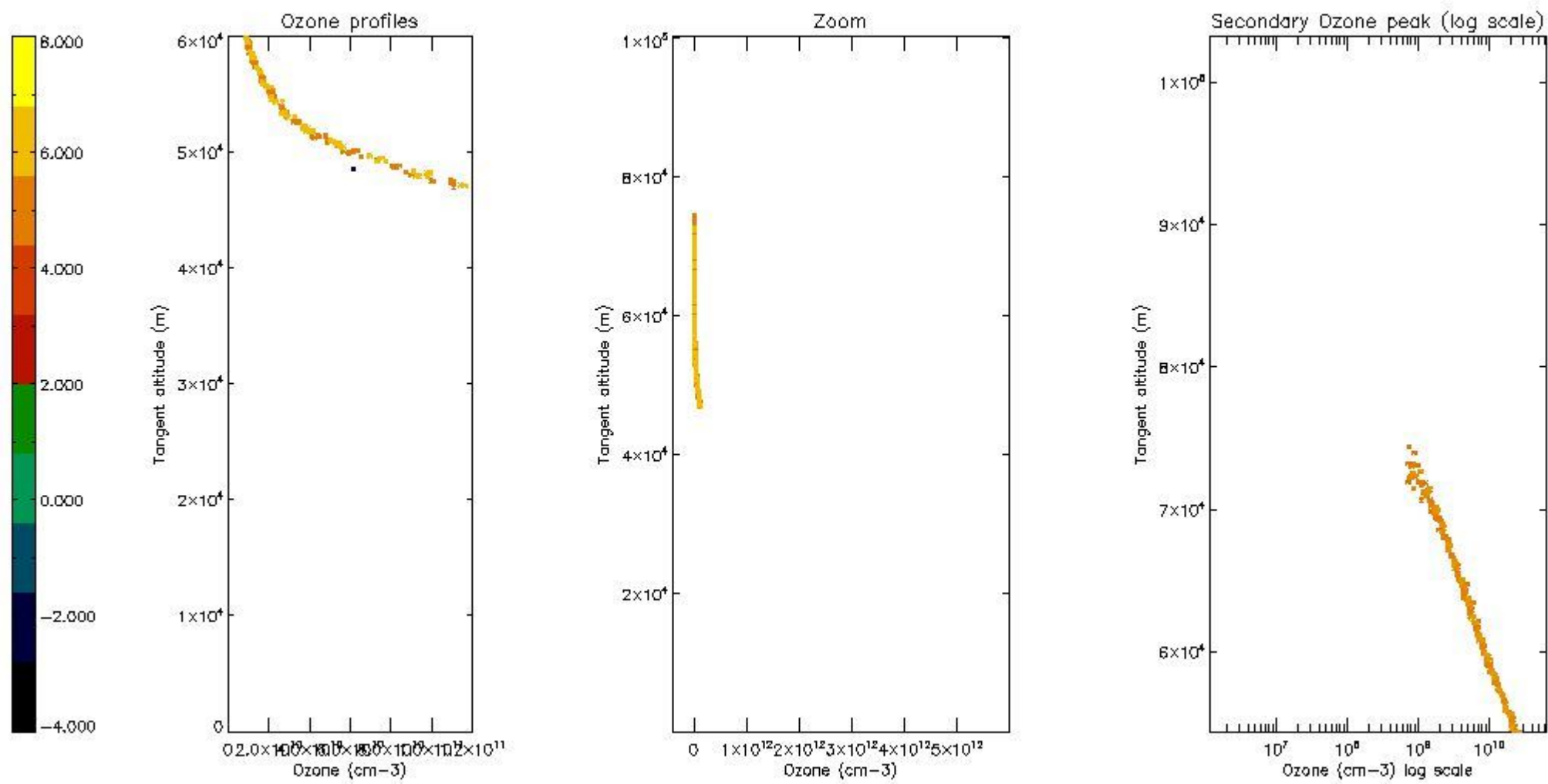
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



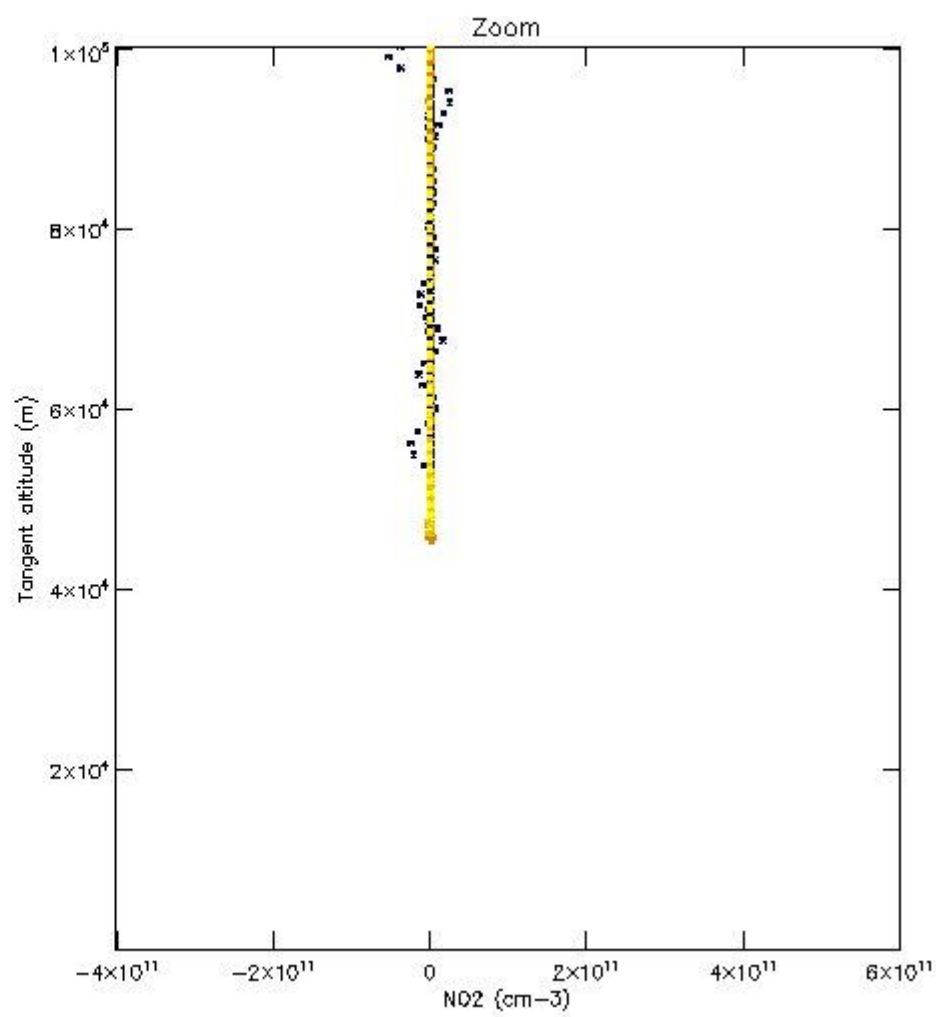
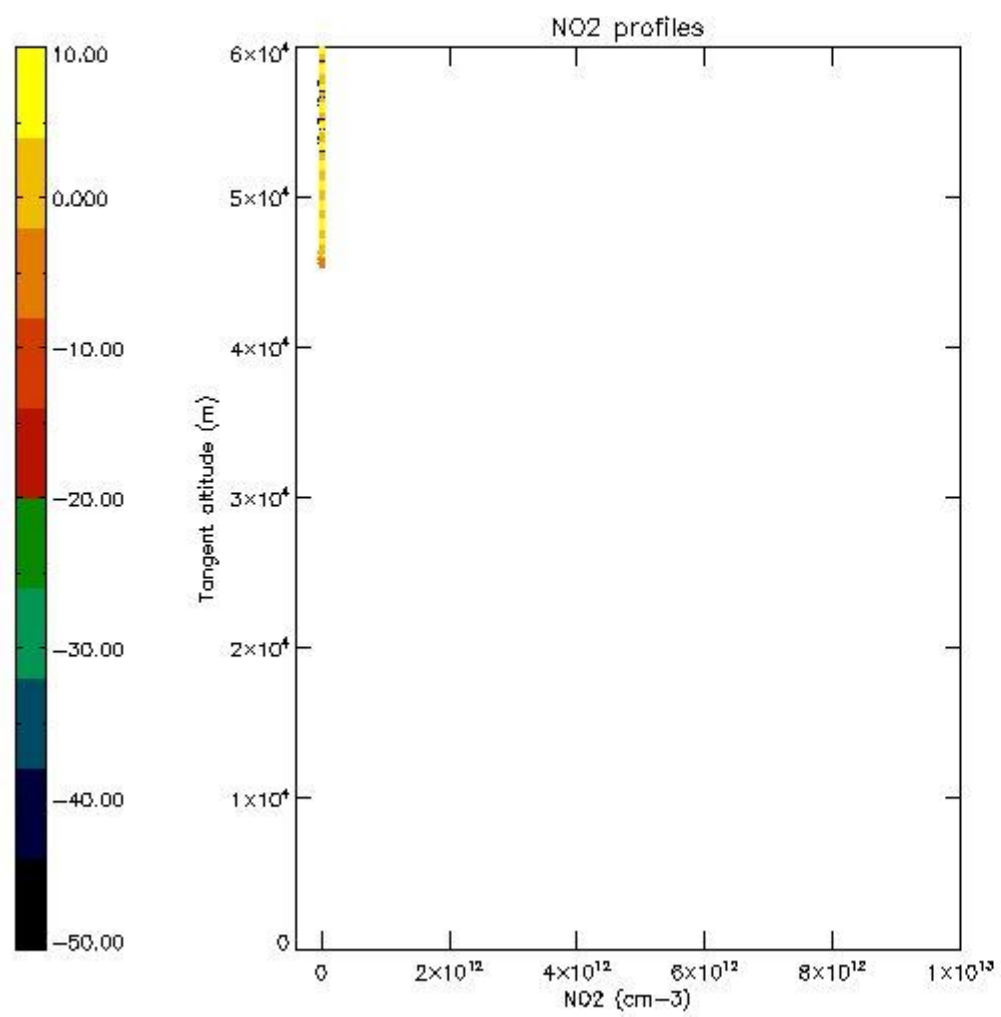
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



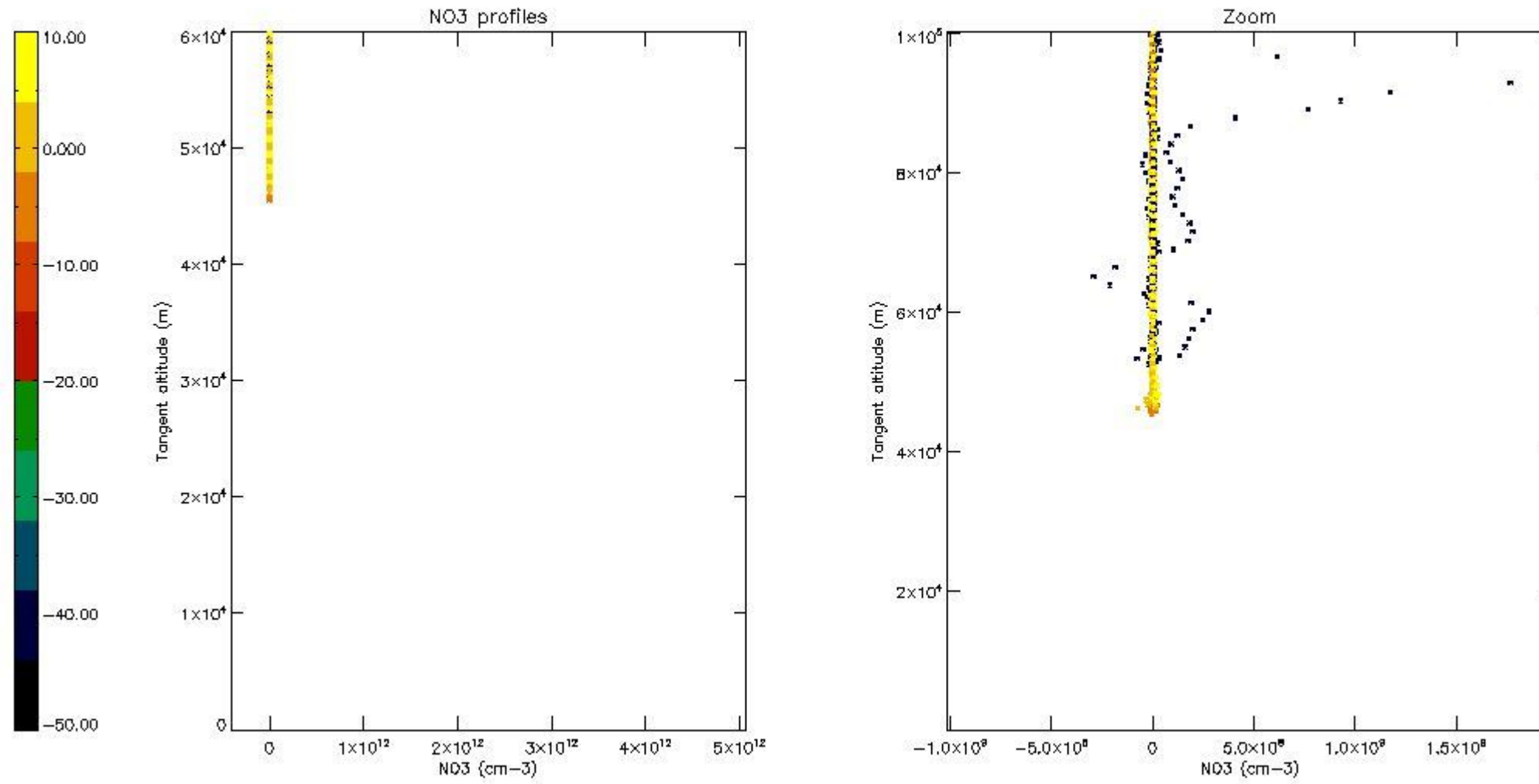
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUN-2009 00:01:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUN-2009 00:01:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUN-2009 00:01:14

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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	26APR2013 10:09:34
Data source version	GOMOS/6.01
Start time of products	14-06-2009 (14JUN2009 00:00:00)
Stop time of products	15-06-2009 (15JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	177
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

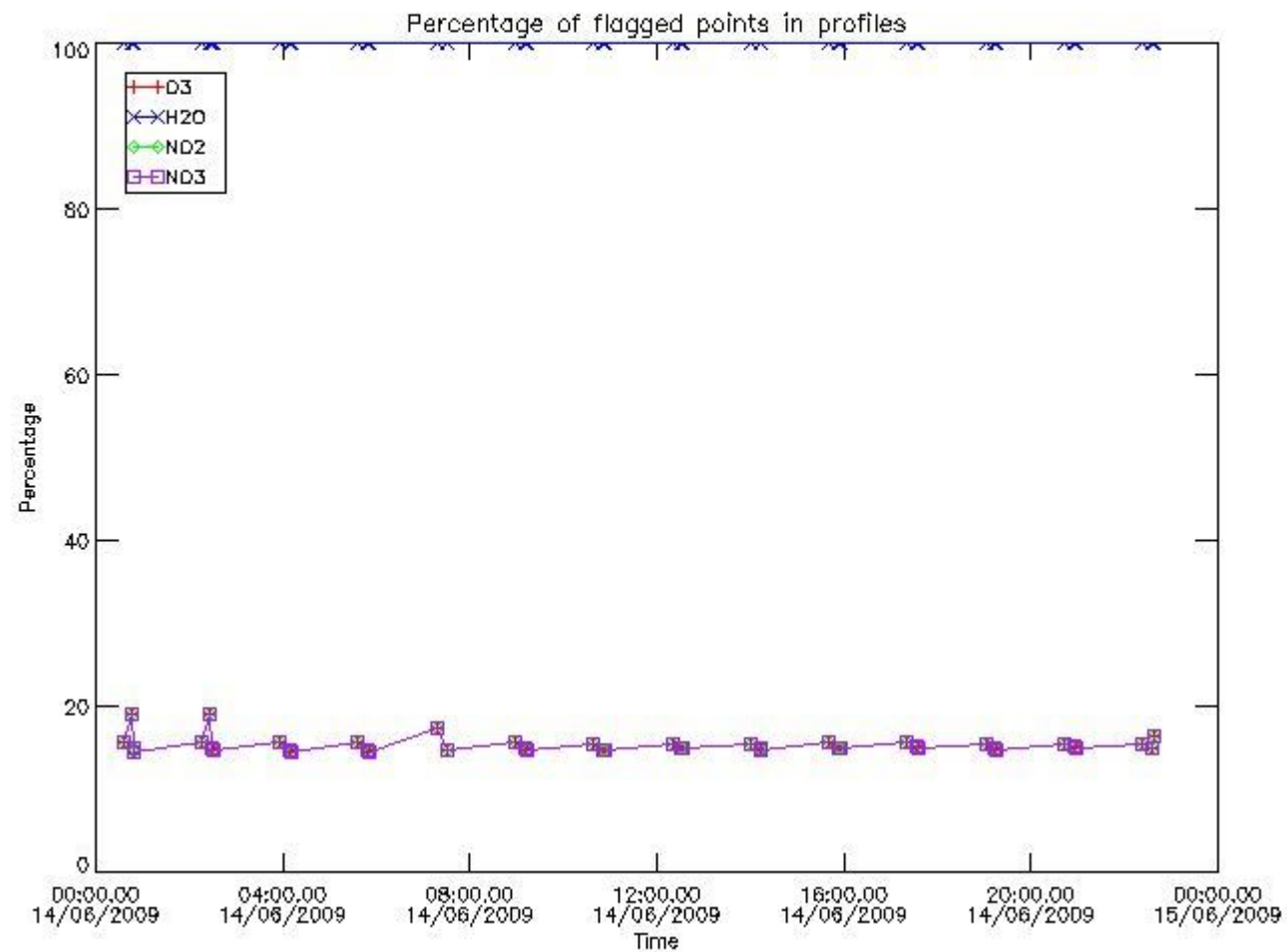
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090614_000114_000000322079_00474_38103_2978.N1	14-JUN-2009 00:01:14	Twi_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38103	No
2	GOM_NL__2PRFIN20090614_000730_000000272079_00474_38103_2979.N1	14-JUN-2009 00:07:30	Twi_and_stray	26.500	74	11Bet Cas	2.2680	6600.0	53	38103	No
3	GOM_NL__2PRFIN20090614_001613_000000252079_00474_38103_2980.N1	14-JUN-2009 00:16:13	Twi_and_stray	25.000	53	43Bet And	2.0480	3300.0	50	38103	No
4	GOM_NL__2PRFIN20090614_003501_000000332079_00474_38103_2981.N1	14-JUN-2009 00:35:01	Dark	32.500	52	16Bet Cet	2.0370	4500.0	65	38103	No
5	GOM_NL__2PRFIN20090614_004549_000000272079_00475_38104_2984.N1	14-JUN-2009 00:45:49	Dark	27.000	18	24Alp PsA	1.1660	9700.0	54	38104	No
6	GOM_NL__2PRFIN20090614_004728_000000342079_00475_38104_2985.N1	14-JUN-2009 00:47:28	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38104	No
7	GOM_NL__2PRFIN20090614_004930_000000352079_00475_38104_2986.N1	14-JUN-2009 00:49:30	Dark	35.000	31	Alp Gru	1.7340	15200.	70	38104	No
8	GOM_NL__2PRFIN20090614_005116_000000432079_00475_38104_2987.N1	14-JUN-2009 00:51:16	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38104	No
9	GOM_NL__2PRFIN20090614_010315_000000302079_00475_38104_2988.N1	14-JUN-2009 01:03:15	Twi_and_stray	30.000	38	20Eps Sgr	1.8360	11000.	60	38104	No
10	GOM_NL__2PRFIN20090614_010446_000000312079_00475_38104_2989.N1	14-JUN-2009 01:04:46	Twi_and_stray	30.500	116	19Del Sgr	2.7000	4100.0	61	38104	No
11	GOM_NL__2PRFIN20090614_010607_000000322079_00475_38104_2990.N1	14-JUN-2009 01:06:07	Twi_and_stray	32.000	137	22Lam Sgr	2.8240	4400.0	64	38104	No
12	GOM_NL__2PRFIN20090614_011653_000000332079_00475_38104_2991.N1	14-JUN-2009 01:16:53	Bright	32.500	126	60Bet Oph	2.7700	4250.0	65	38104	No
13	GOM_NL__2PRFIN20090614_011926_000000322079_00475_38104_2992.N1	14-JUN-2009 01:19:26	Bright	32.000	59	55Alp Oph	2.0800	8900.0	64	38104	No
14	GOM_NL__2PRFIN20090614_013118_000000302079_00475_38104_2993.N1	14-JUN-2009 01:31:18	Bright	29.500	130	23Bet Dra	2.7990	5800.0	59	38104	No
15	GOM_NL__2PRFIN20090614_014149_000000322079_00475_38104_2994.N1	14-JUN-2009 01:41:49	Twi_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38104	No
16	GOM_NL__2PRFIN20090614_014806_000000262079_00475_38104_2995.N1	14-JUN-2009 01:48:06	Twi_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38104	No
17	GOM_NL__2PRFIN20090614_015649_000000252079_00475_38104_2996.N1	14-JUN-2009 01:56:49	Twi_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38104	No
18	GOM_NL__2PRFIN20090614_021538_000000332079_00475_38104_2997.N1	14-JUN-2009 02:15:38	Dark	32.500	52	16Bet Cet	2.0370	4500.0	65	38104	No
19	GOM_NL__2PRFIN20090614_022626_000000272079_00476_38105_2998.N1	14-JUN-2009 02:26:26	Dark	27.000	18	24Alp PsA	1.1660	9700.0	54	38105	No
20	GOM_NL__2PRFIN20090614_022805_000000342079_00476_38105_2999.N1	14-JUN-2009 02:28:05	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38105	No
21	GOM_NL__2PRFIN20090614_023007_000000352079_00476_38105_3000.N1	14-JUN-2009 02:30:07	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38105	No
22	GOM_NL__2PRFIN20090614_023154_000000432079_00476_38105_3001.N1	14-JUN-2009 02:31:54	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38105	No
23	GOM_NL__2PRFIN20090614_024352_000000302079_00476_38105_3002.N1	14-JUN-2009 02:43:52	Twi_and_stray	29.500	38	20Eps Sgr	1.8360	11000.	59	38105	No
24	GOM_NL__2PRFIN20090614_024523_000000312079_00476_38105_3003.N1	14-JUN-2009 02:45:23	Twi_and_stray	30.500	116	19Del Sgr	2.7000	4100.0	61	38105	No
25	GOM_NL__2PRFIN20090614_024644_000000322079_00476_38105_3004.N1	14-JUN-2009 02:46:44	Twi_and_stray	32.000	137	22Lam Sgr	2.8240	4400.0	64	38105	No
26	GOM_NL__2PRFIN20090614_025729_000000332079_00476_38105_3005.N1	14-JUN-2009 02:57:29	Bright	32.500	126	60Bet Oph	2.7700	4250.0	65	38105	No
27	GOM_NL__2PRFIN20090614_030002_000000322079_00476_38105_3006.N1	14-JUN-2009 03:00:02	Bright	32.000	59	55Alp Oph	2.0800	8900.0	64	38105	No
28	GOM_NL__2PRFIN20090614_031153_000000302079_00476_38105_3007.N1	14-JUN-2009 03:11:53	Bright	29.500	130	23Bet Dra	2.7990	5800.0	59	38105	No
29	GOM_NL__2PRFIN20090614_032225_000000322079_00476_38105_3008.N1	14-JUN-2009 03:22:25	Twi_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38105	No
30	GOM_NL__2PRFIN20090614_032842_000000262079_00476_38105_3009.N1	14-JUN-2009 03:28:42	Twi_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38105	No
31	GOM_NL__2PRFIN20090614_033725_000000262079_00476_38105_3010.N1	14-JUN-2009 03:37:25	Twi_and_stray	25.500	53	43Bet And	2.0480	3300.0	51	38105	No
32	GOM_NL__2PRFIN20090614_035615_000000332079_00476_38105_3011.N1	14-JUN-2009 03:56:15	Dark	32.500	52	16Bet Cet	2.0370	4500.0	65	38105	No
33	GOM_NL__2PRFIN20090614_040841_000000352079_00477_38106_3013.N1	14-JUN-2009 04:08:41	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38106	No
34	GOM_NL__2PRFIN20090614_041044_000000352079_00477_38106_3014.N1	14-JUN-2009 04:10:44	Dark	35.000	31	Alp Gru	1.7340	15200.	70	38106	No
35	GOM_NL__2PRFIN20090614_041231_000000432079_00477_38106_3015.N1	14-JUN-2009 04:12:31	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38106	No
36	GOM_NL__2PRFIN20090614_042428_000000302079_00477_38106_3016.N1	14-JUN-2009 04:24:28	Twi_and_stray	30.000	38	20Eps Sgr	1.8360	11000.	60	38106	No
37	GOM_NL__2PRFIN20090614_042559_000000312079_00477_38106_3017.N1	14-JUN-2009 04:25:59	Twi_and_stray	30.500	116	19Del Sgr	2.7000	4100.0	61	38106	No
38	GOM_NL__2PRFIN20090614_043805_000000322079_00477_38106_3018.N1	14-JUN-2009 04:38:05	Bright	32.000	126	60Bet Oph	2.7700	4250.0	64	38106	No
39	GOM_NL__2PRFIN20090614_044038_000000322079_00477_38106_3019.N1	14-JUN-2009 04:40:38	Bright	32.000	59	55Alp Oph	2.0800	8900.0	64	38106	No
40	GOM_NL__2PRFIN20090614_045229_000000302079_00477_38106_3020.N1	14-JUN-2009 04:52:29	Bright	29.500	130	23Bet Dra	2.7990	5800.0	59	38106	No
41	GOM_NL__2PRFIN20090614_050300_000000312079_00477_38106_3021.N1	14-JUN-2009 05:03:00	Twi_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38106	No
42	GOM_NL__2PRFIN20090614_050917_000000272079_00477_38106_3022.N1	14-JUN-2009 05:09:17	Twi_and_stray	26.500	74	11Bet Cas	2.2680	6600.0	53	38106	No

161	GOM_NL__2PRFIN20090614_214853_000000322079_00487_38116_3190.N1	14-JUN-2009 21:48:53	Twilight_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38116	No
162	GOM_NL__2PRFIN20090614_215514_000000262079_00487_38116_3191.N1	14-JUN-2009 21:55:14	Twilight_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38116	No
163	GOM_NL__2PRFIN20090614_215635_000000252079_00487_38116_3192.N1	14-JUN-2009 21:56:35	Twilight_stray	25.000	68	18Alp Cas	2.2250	4500.0	50	38116	No
164	GOM_NL__2PRFIN20090614_220401_000000252079_00487_38116_3193.N1	14-JUN-2009 22:04:01	Twilight_stray	25.000	53	43Bet And	2.0480	3300.0	50	38116	No
165	GOM_NL__2PRFIN20090614_222301_000000332079_00487_38116_3194.N1	14-JUN-2009 22:23:01	Dark	33.000	52	16Bet Cet	2.0370	4500.0	66	38116	No
166	GOM_NL__2PRFIN20090614_223528_000000342079_00488_38117_3200.N1	14-JUN-2009 22:35:28	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38117	No
167	GOM_NL__2PRFIN20090614_223731_000000342079_00488_38117_3201.N1	14-JUN-2009 22:37:31	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38117	No
168	GOM_NL__2PRFIN20090614_223921_000000422079_00488_38117_3202.N1	14-JUN-2009 22:39:21	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38117	No
169	GOM_NL__2PRFIN20090614_225137_000000342079_00488_38117_3203.N1	14-JUN-2009 22:51:37	Twilight_stray	33.500	103	38Zet Sgr	2.6000	9700.0	67	38117	No
170	GOM_NL__2PRFIN20090614_225306_000000352079_00488_38117_3204.N1	14-JUN-2009 22:53:06	Twilight_stray	34.500	57	34Sig Sgr	2.0660	26000.	69	38117	No
171	GOM_NL__2PRFIN20090614_230437_000000322079_00488_38117_3205.N1	14-JUN-2009 23:04:37	Bright	32.000	126	60Bet Oph	2.7700	4250.0	64	38117	No
172	GOM_NL__2PRFIN20090614_230709_000000322079_00488_38117_3206.N1	14-JUN-2009 23:07:09	Bright	31.500	59	55Alp Oph	2.0800	8900.0	63	38117	No
173	GOM_NL__2PRFIN20090614_231900_000000292079_00488_38117_3207.N1	14-JUN-2009 23:19:00	Bright	29.000	130	23Bet Dra	2.7990	5800.0	58	38117	No
174	GOM_NL__2PRFIN20090614_232928_000000322079_00488_38117_3208.N1	14-JUN-2009 23:29:28	Twilight_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38117	No
175	GOM_NL__2PRFIN20090614_233549_000000272079_00488_38117_3209.N1	14-JUN-2009 23:35:49	Twilight_stray	26.500	74	11Bet Cas	2.2680	6600.0	53	38117	No
176	GOM_NL__2PRFIN20090614_233711_000000252079_00488_38117_3210.N1	14-JUN-2009 23:37:11	Twilight_stray	25.000	68	18Alp Cas	2.2250	4500.0	50	38117	No
177	GOM_NL__2PRFIN20090614_234437_000000252079_00488_38117_3211.N1	14-JUN-2009 23:44:37	Twilight_stray	25.000	53	43Bet And	2.0480	3300.0	50	38117	No

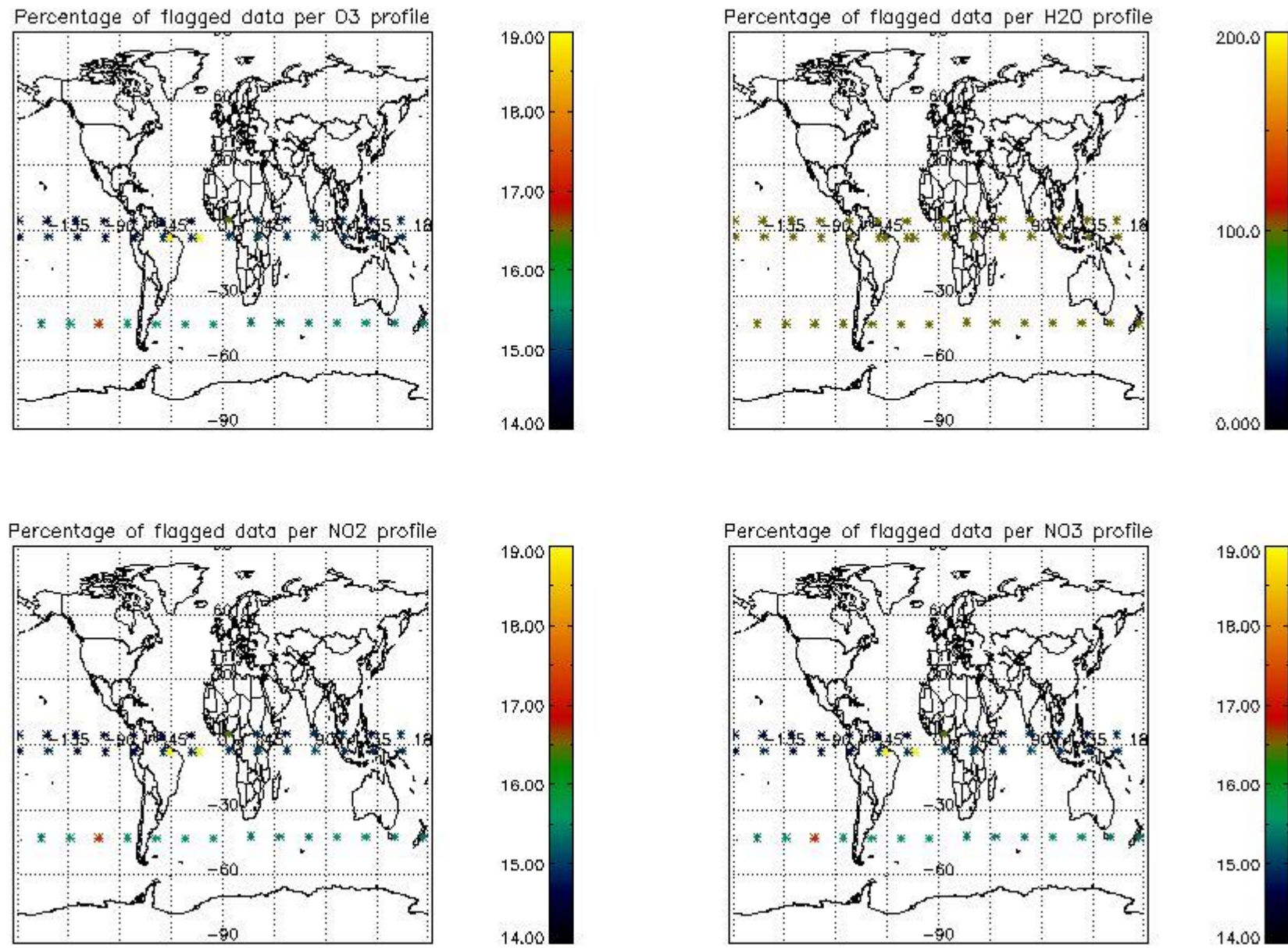
3. Quality information per product

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)

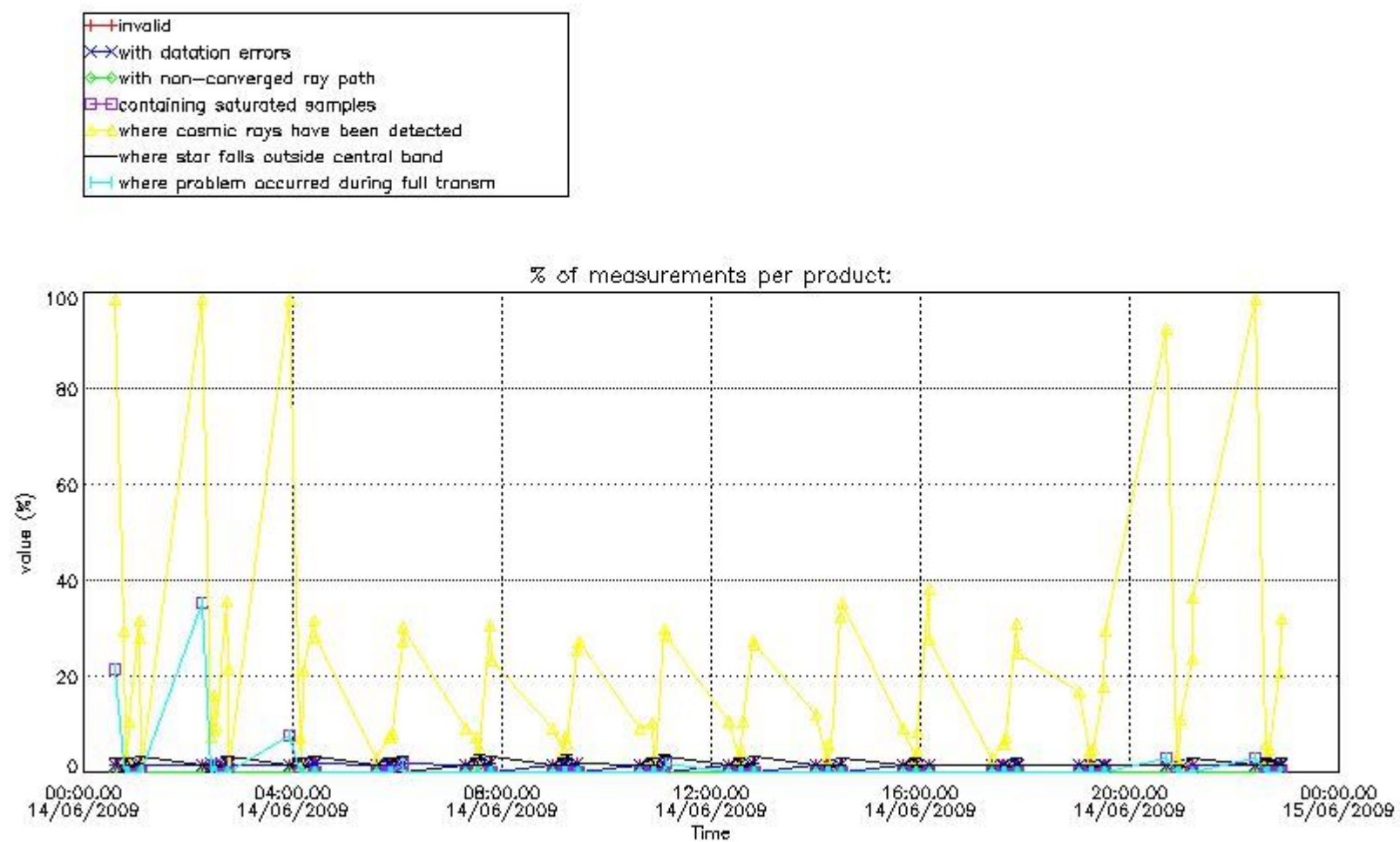


4. Level 1 quality information per product

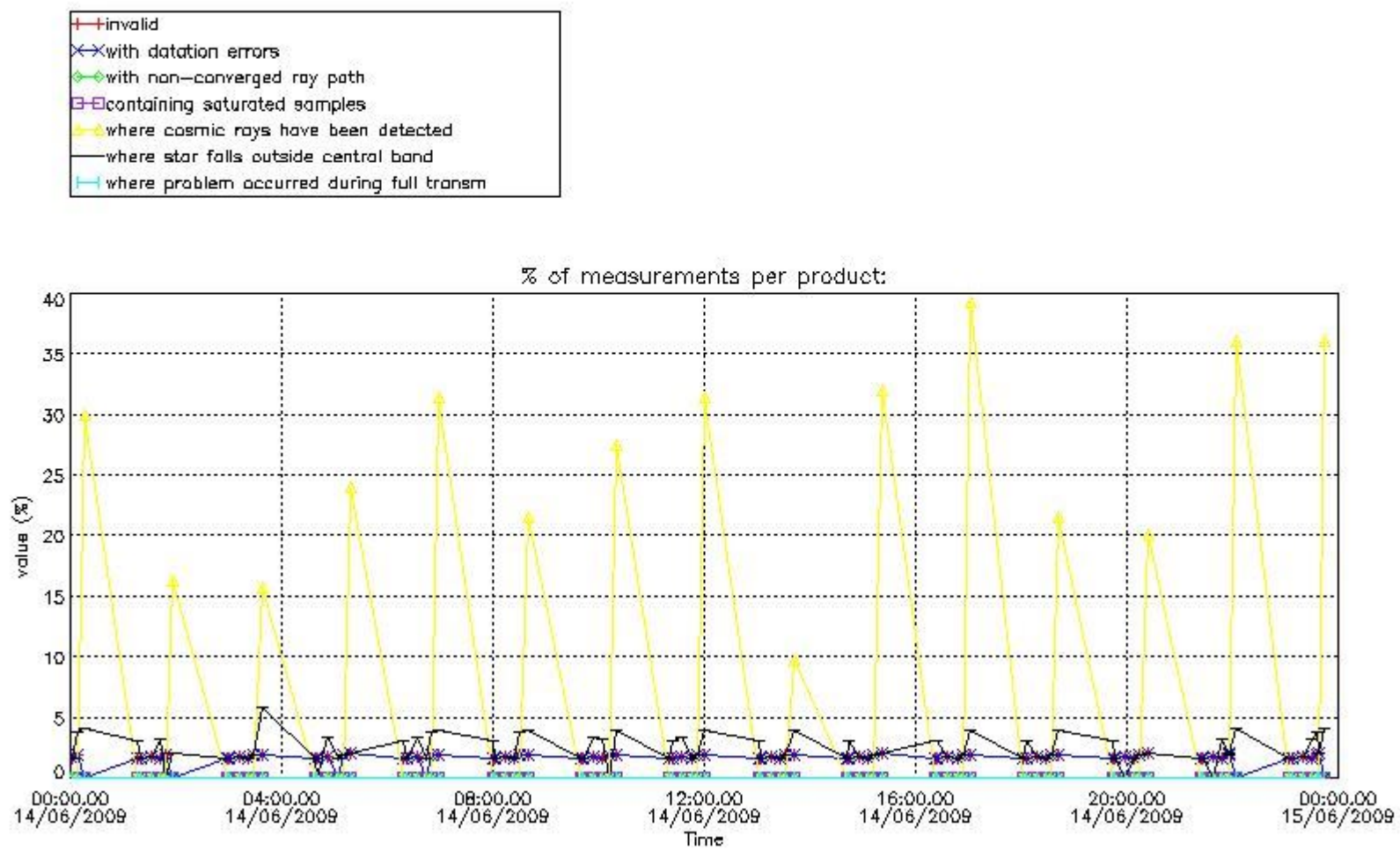
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



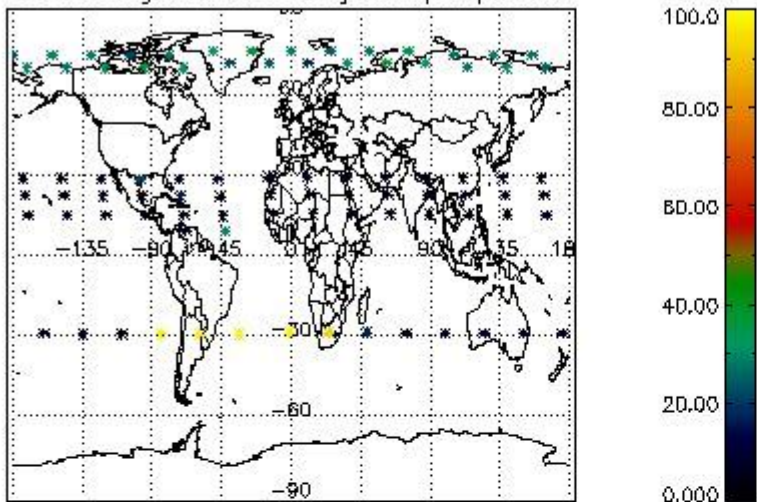
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



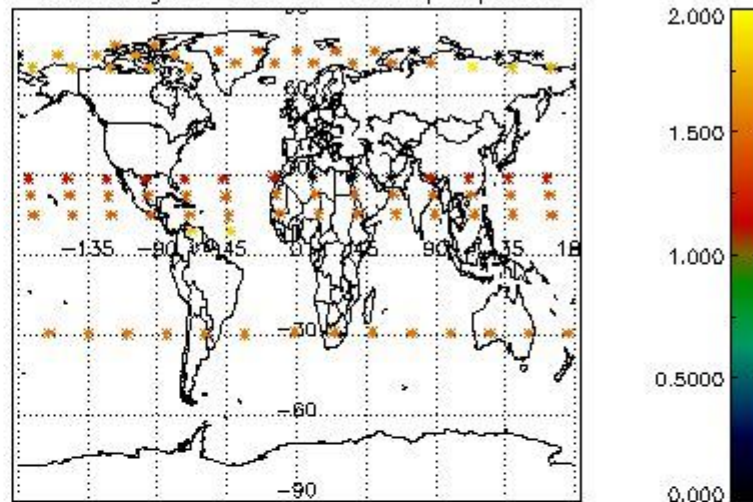
4.2 Plot quality information per product coming from level 1b processing (world map)

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

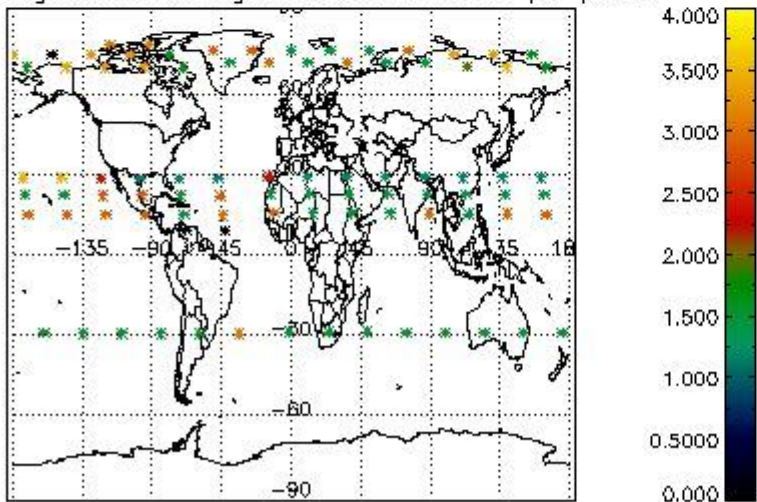
Percentage of cosmic ray hits per profile



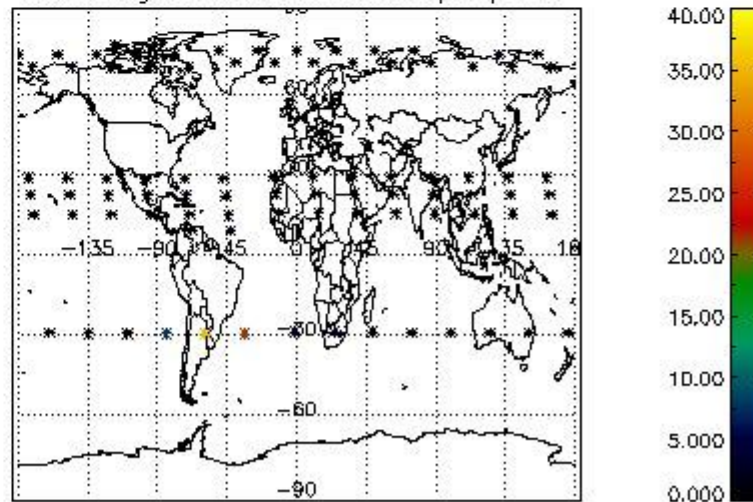
Percentage of datation errors per profile



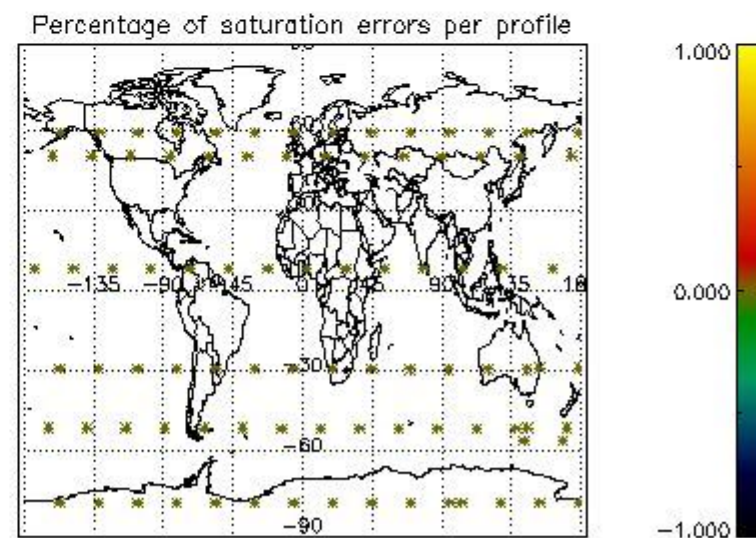
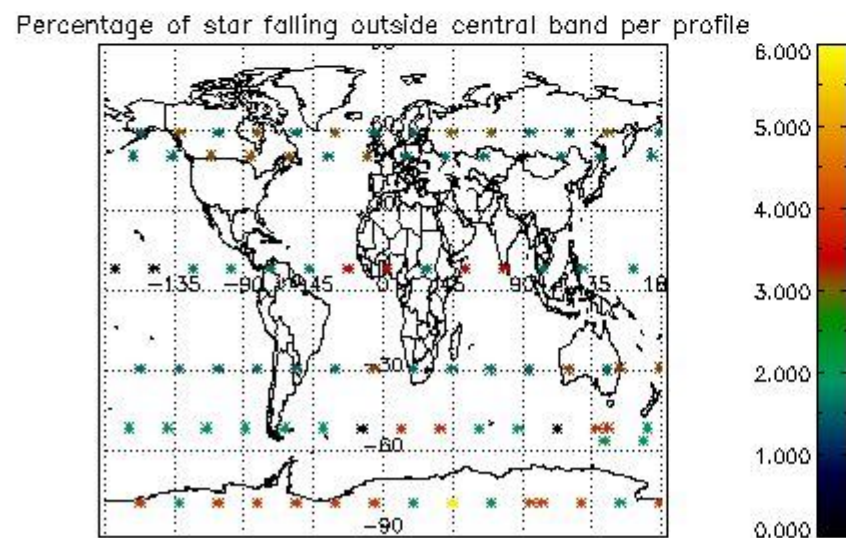
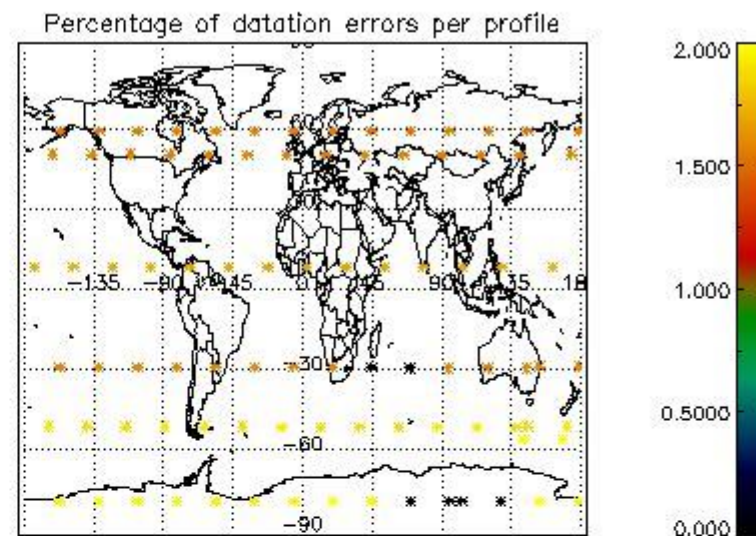
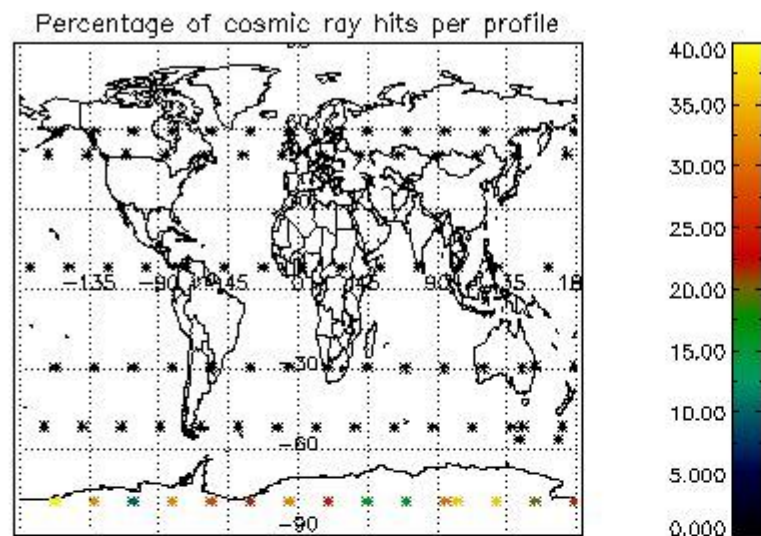
Percentage of star falling outside central band per profile



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

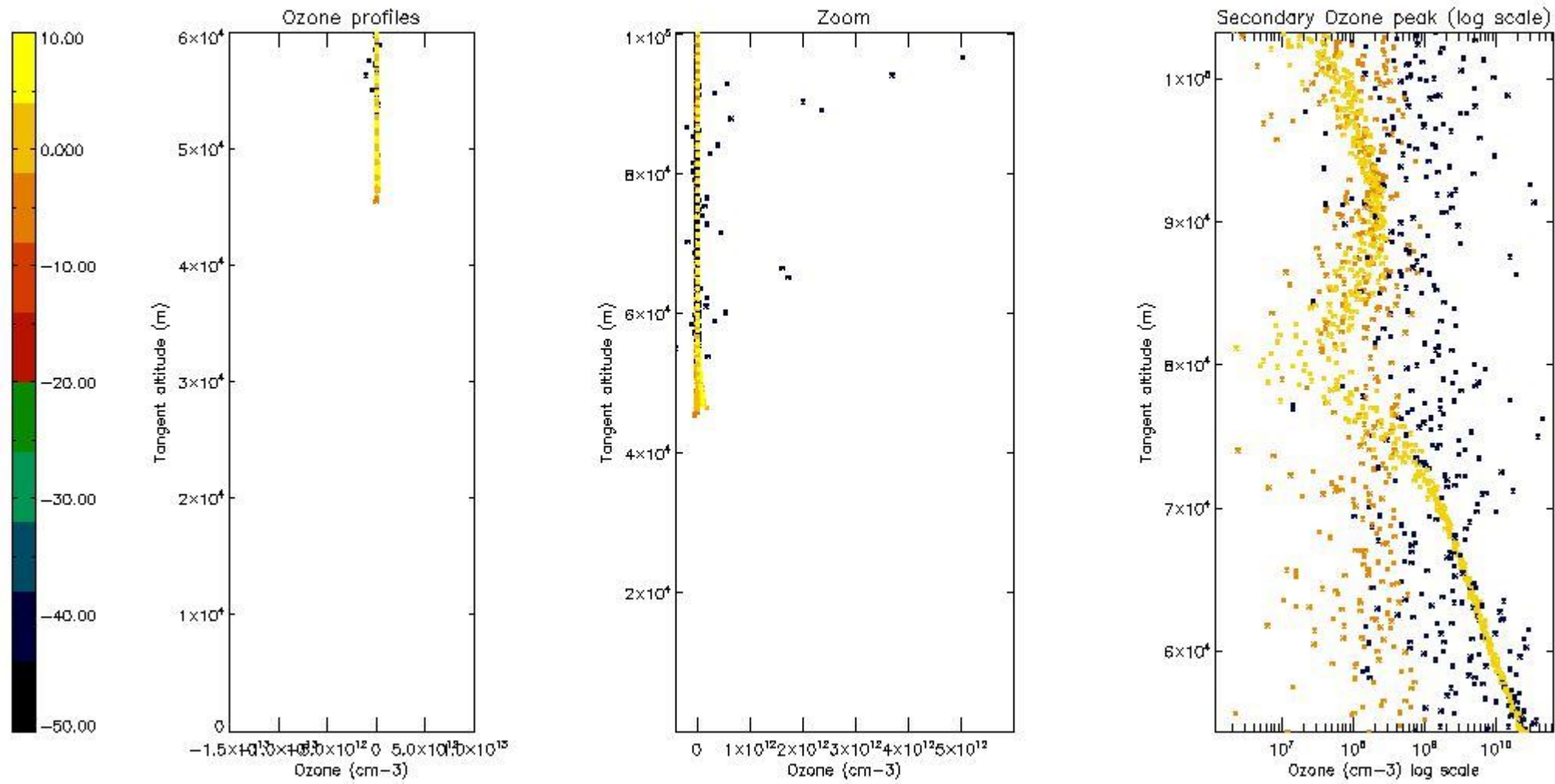
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	4

STD < 10	3
STD < 5	3

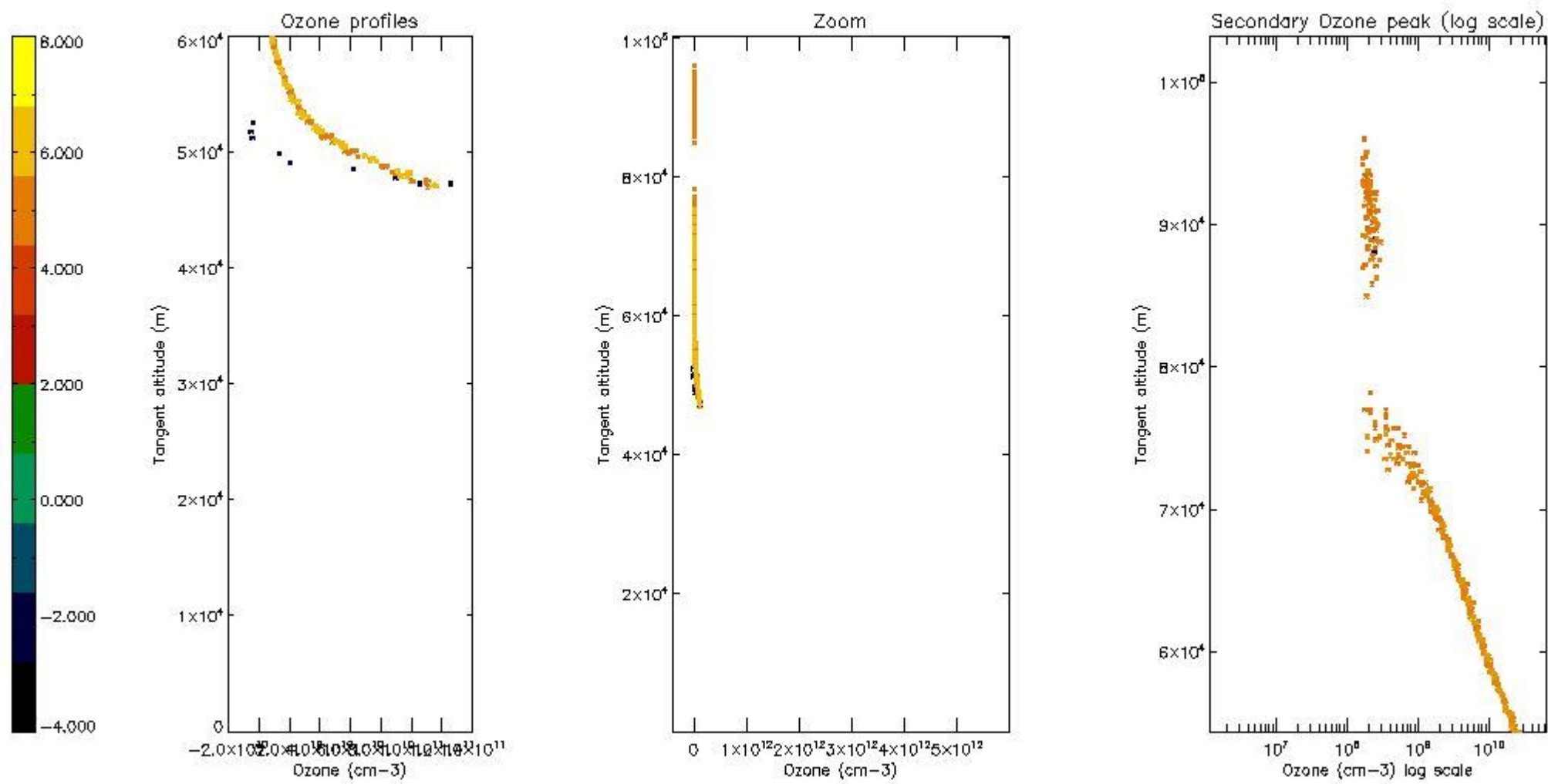
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



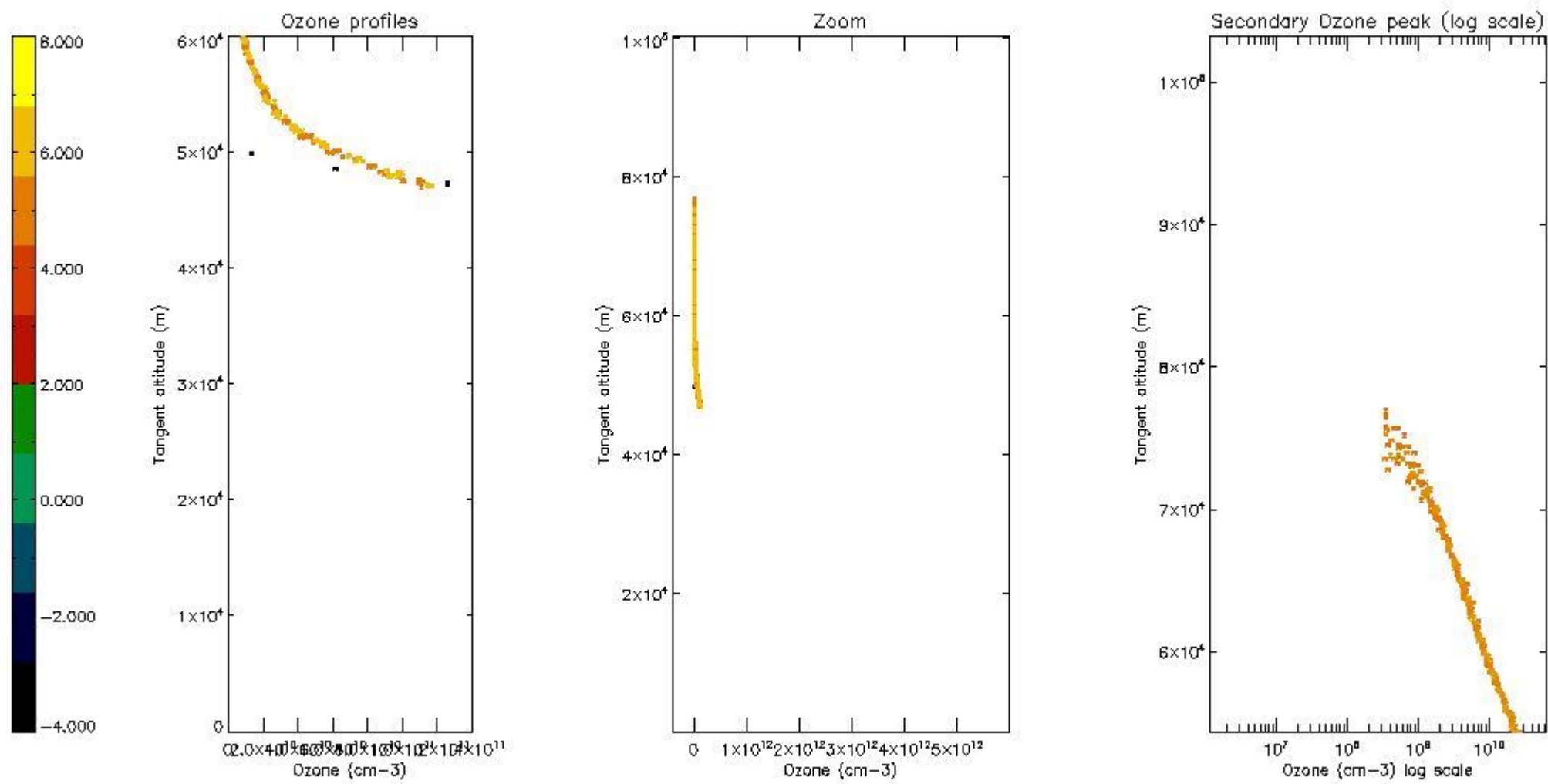
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



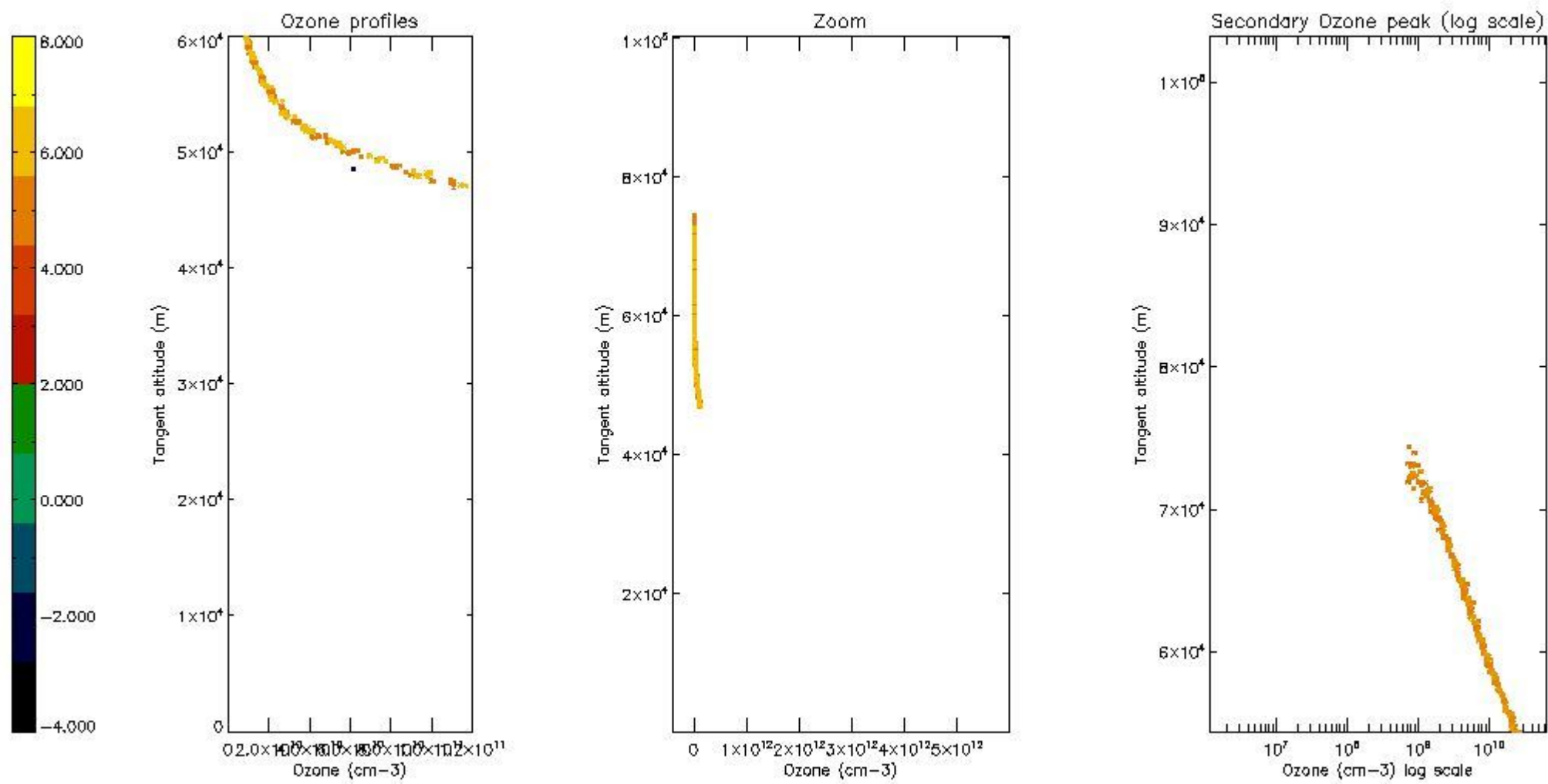
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



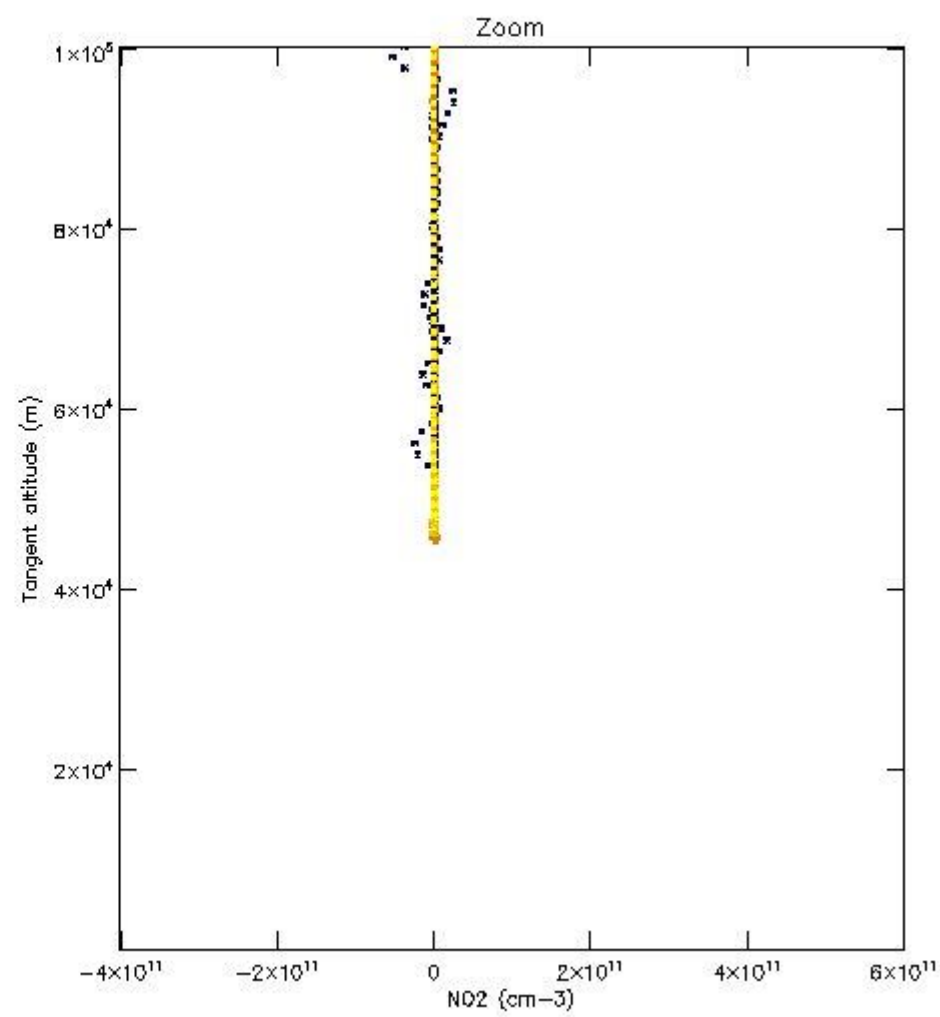
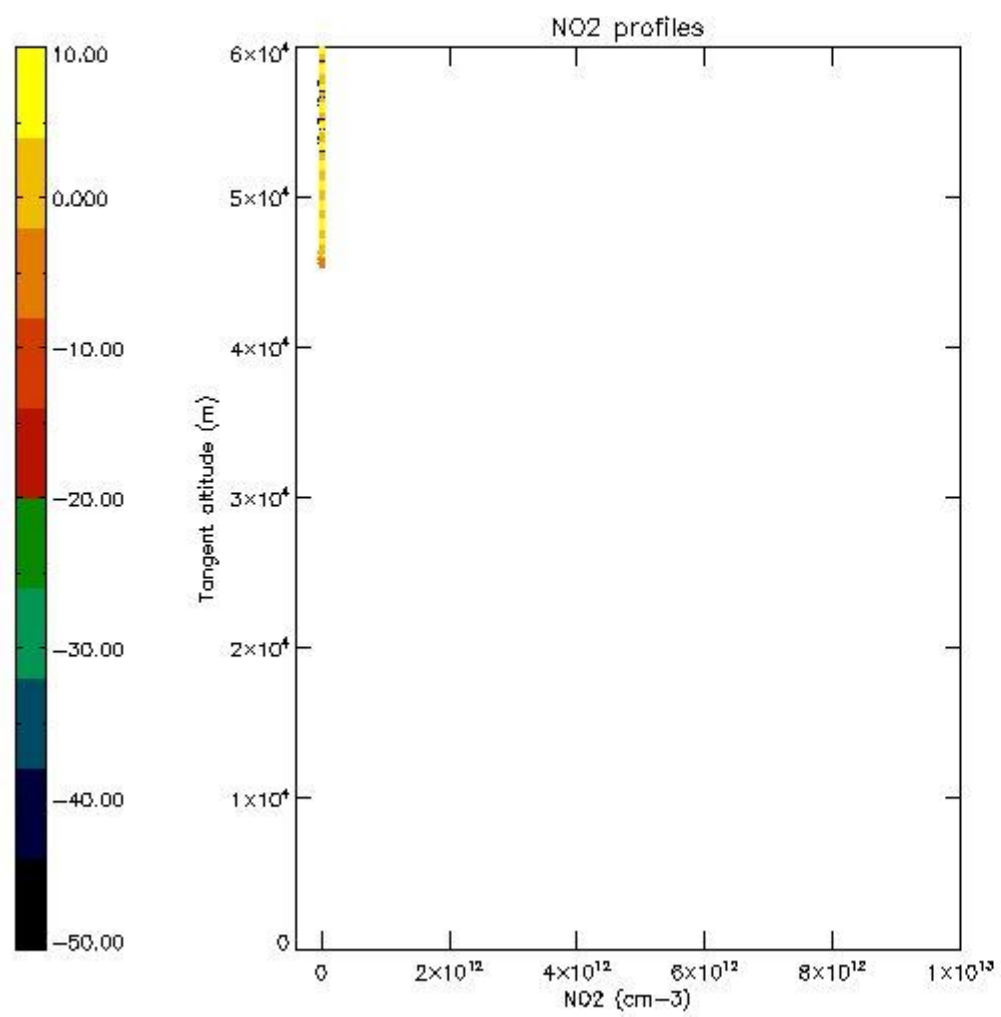
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



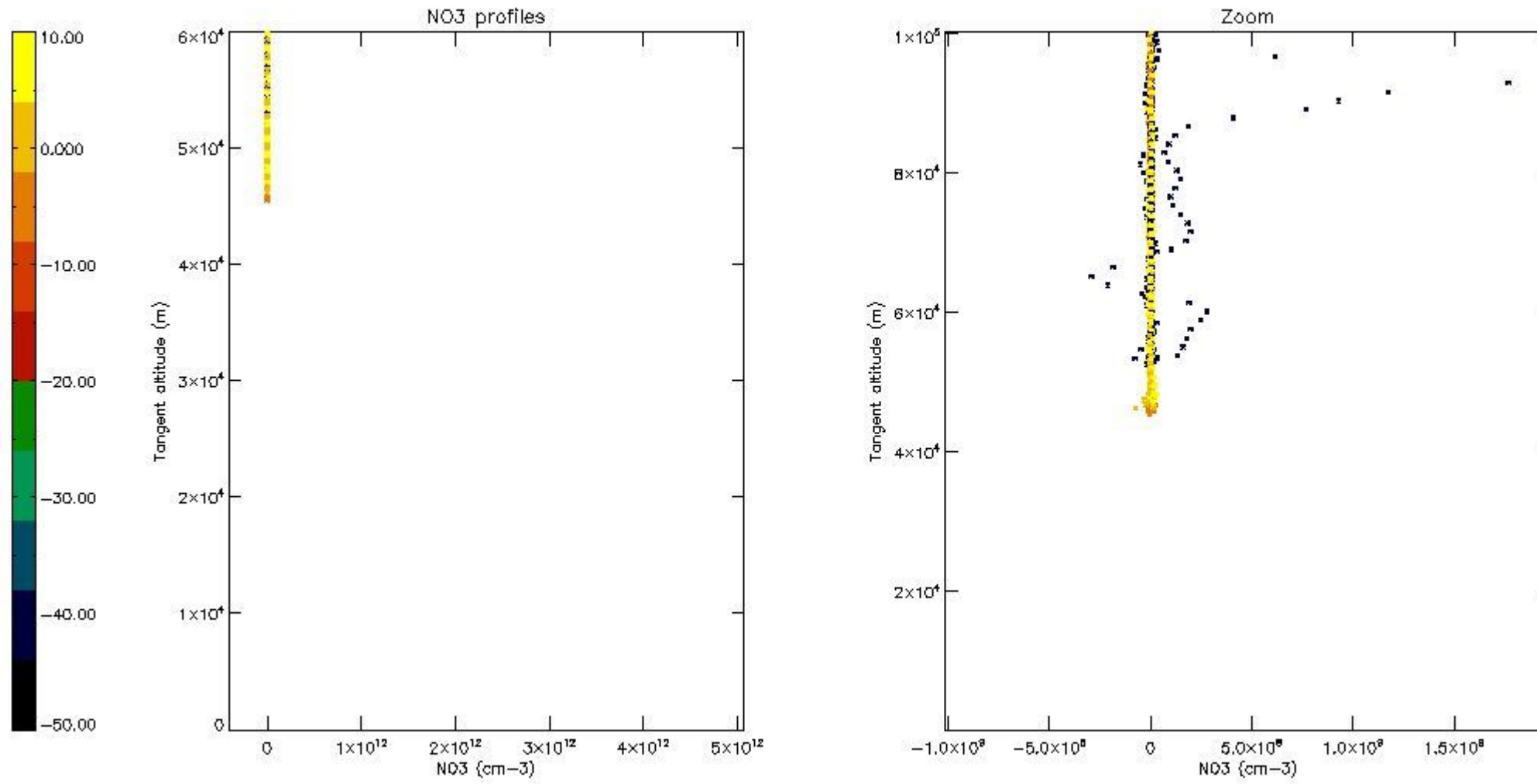
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

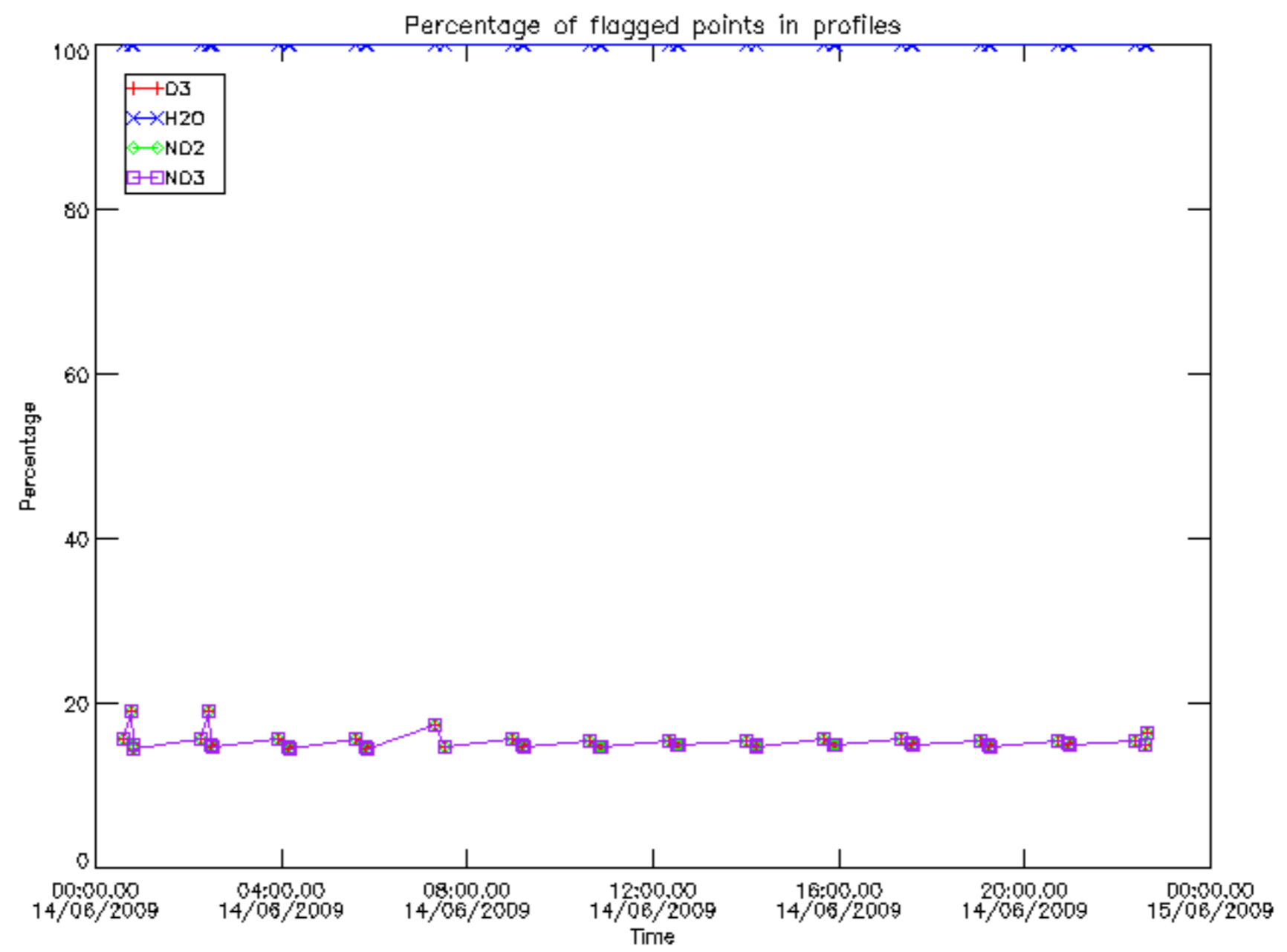
The colorbar represents the latitude.



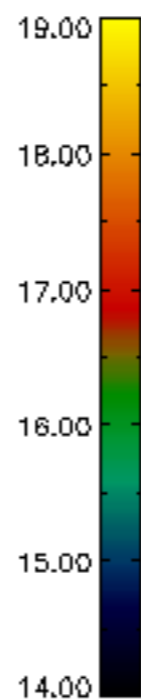
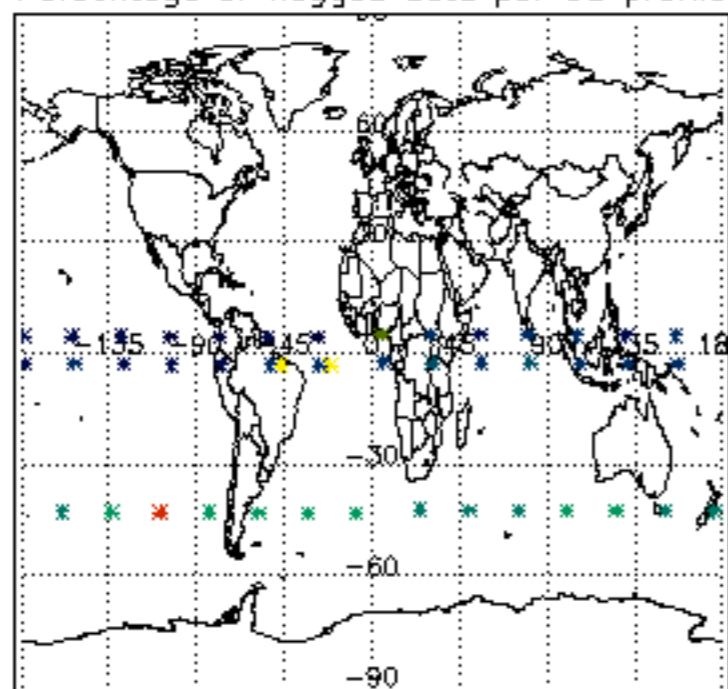
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

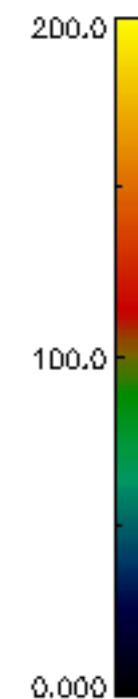
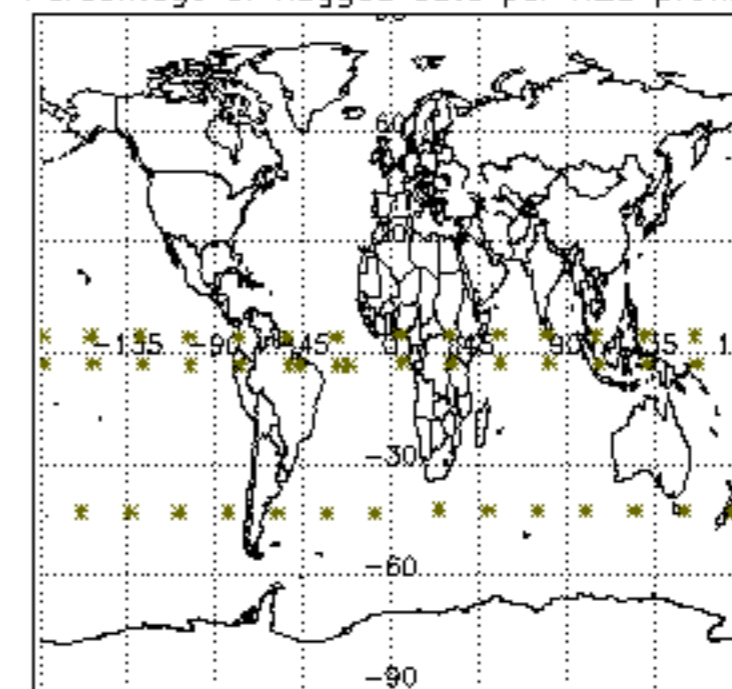
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUN-2009 00:01:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUN-2009 00:01:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUN-2009 00:01:14



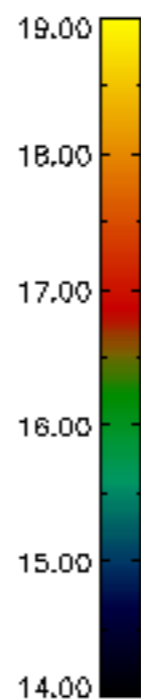
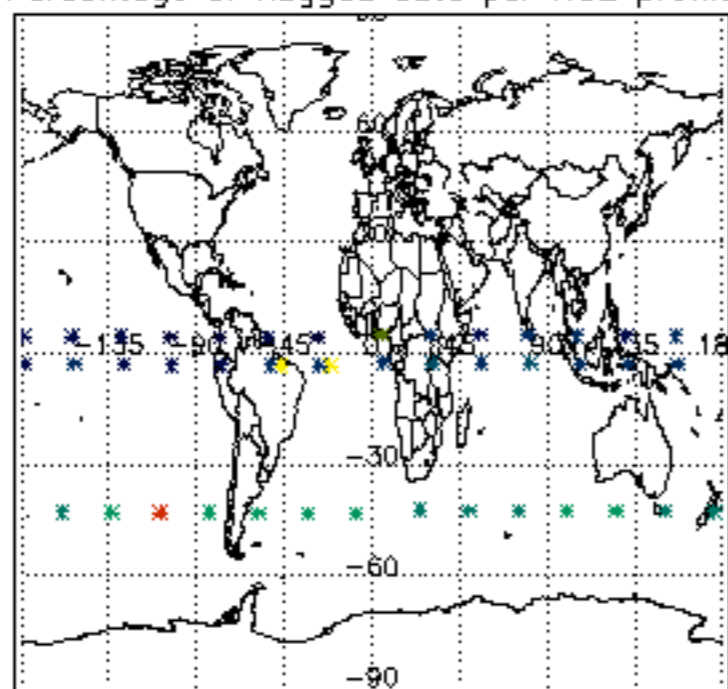
Percentage of flagged data per D3 profile



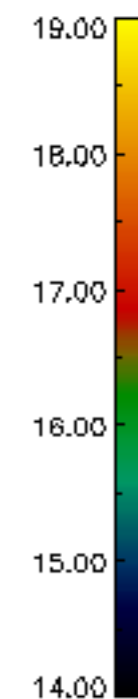
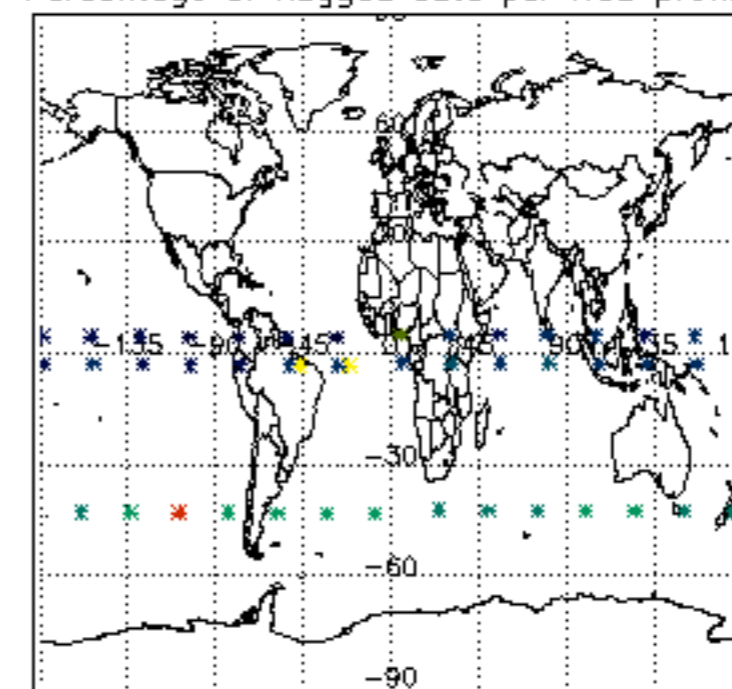
Percentage of flagged data per H2O profile

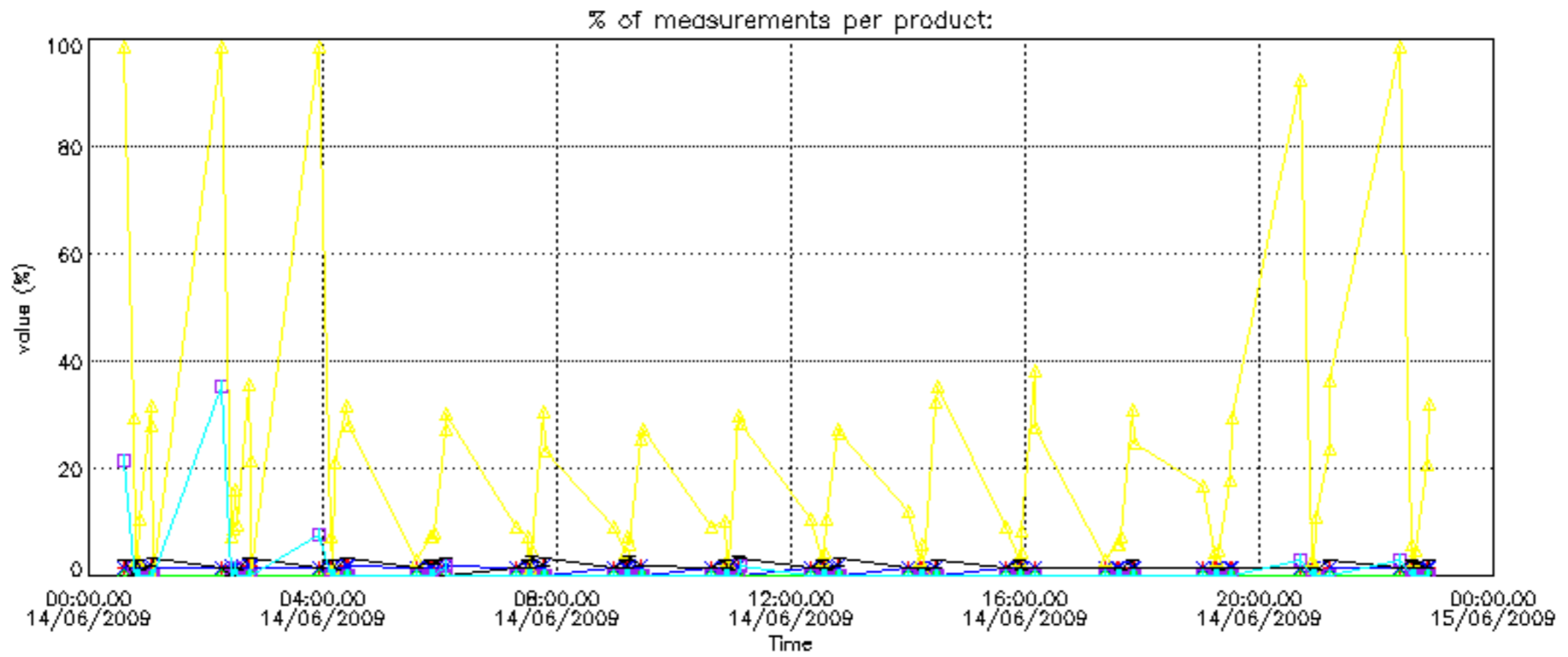


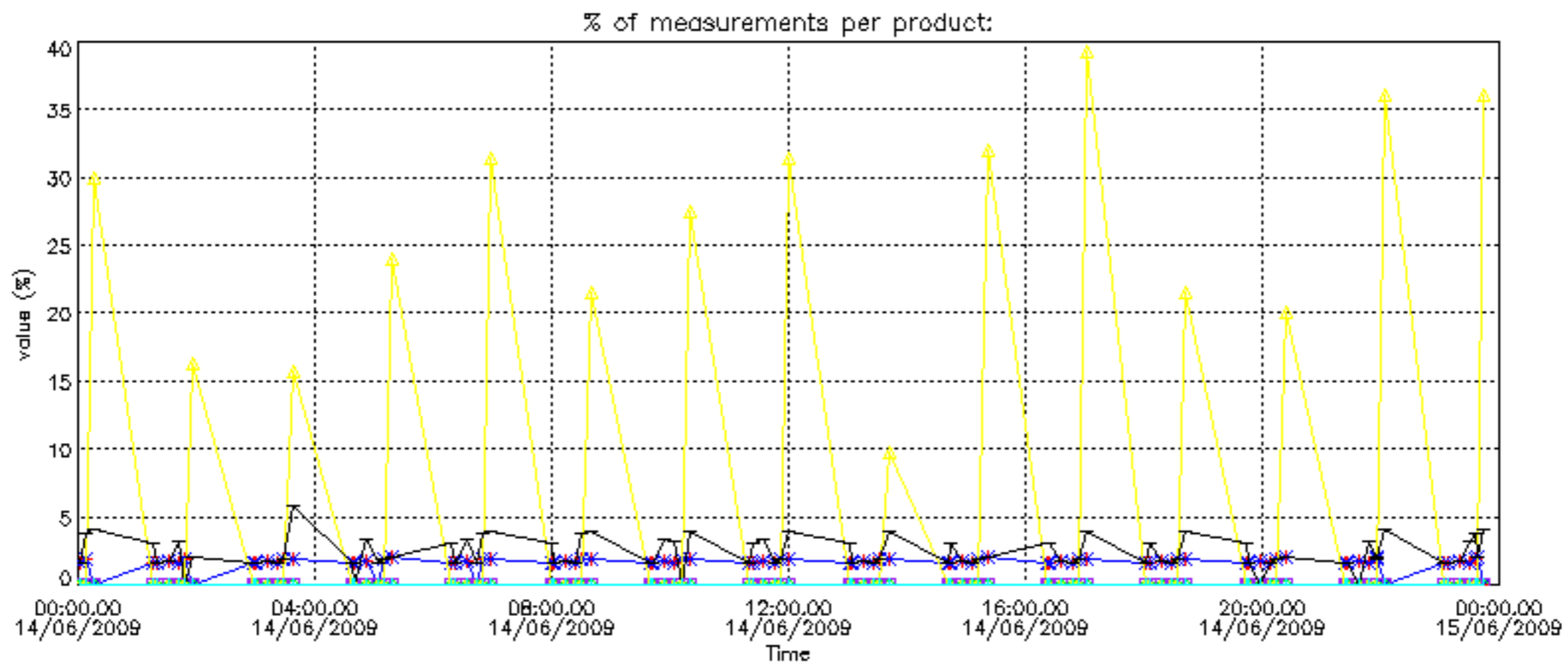
Percentage of flagged data per NO2 profile



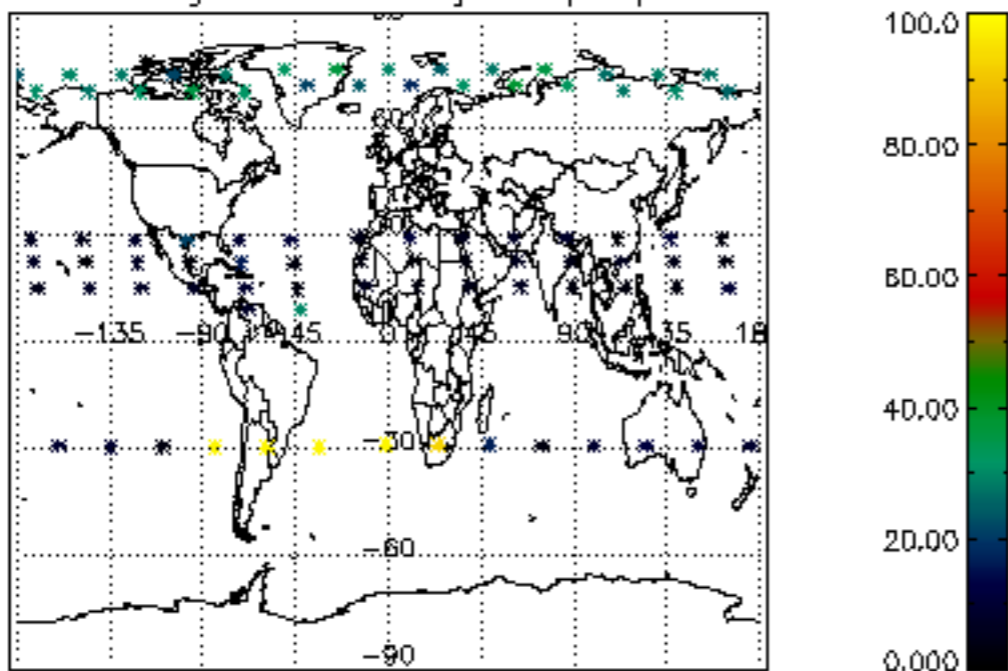
Percentage of flagged data per NO3 profile



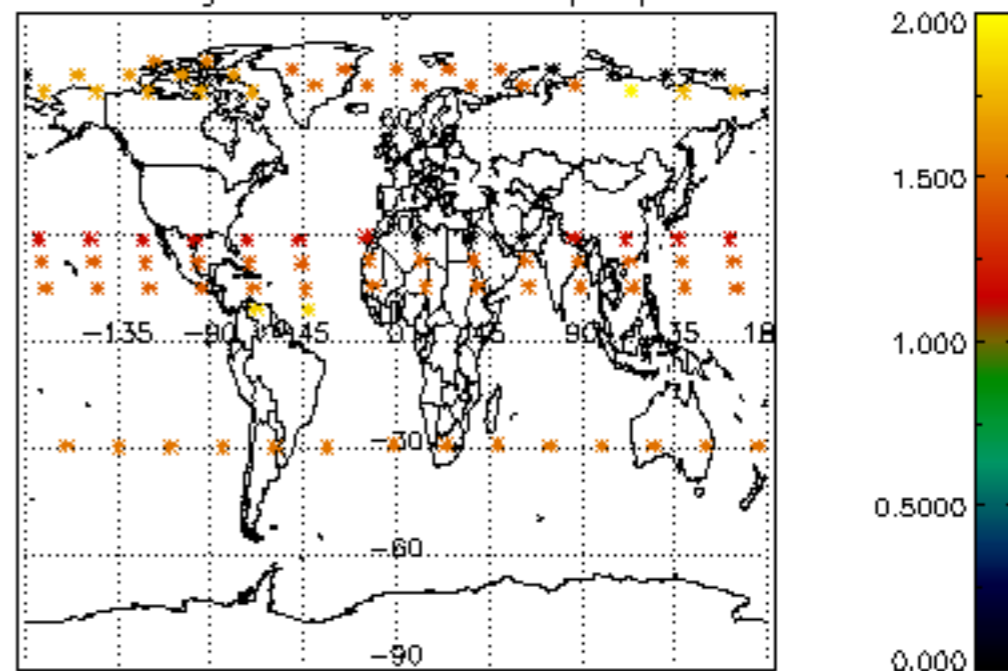




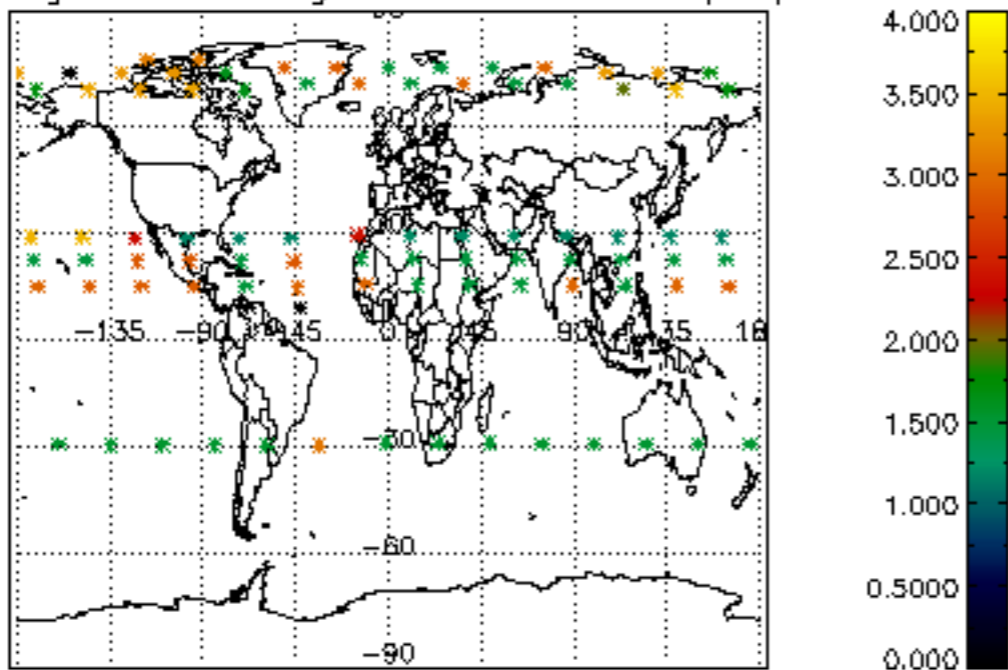
Percentage of cosmic ray hits per profile



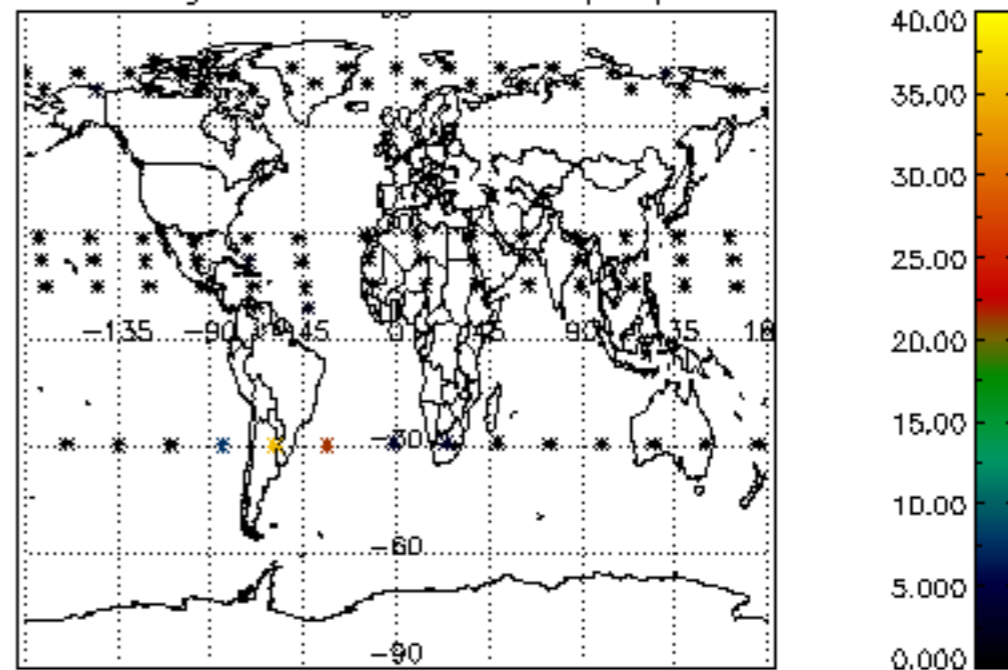
Percentage of datation errors per profile



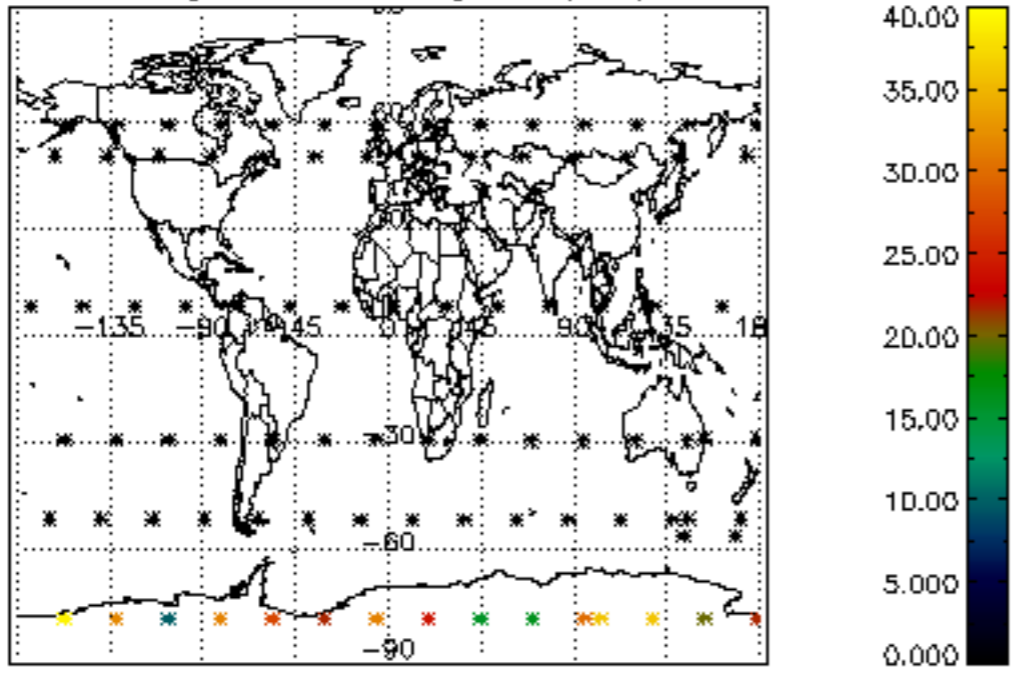
Percentage of star falling outside central band per profile



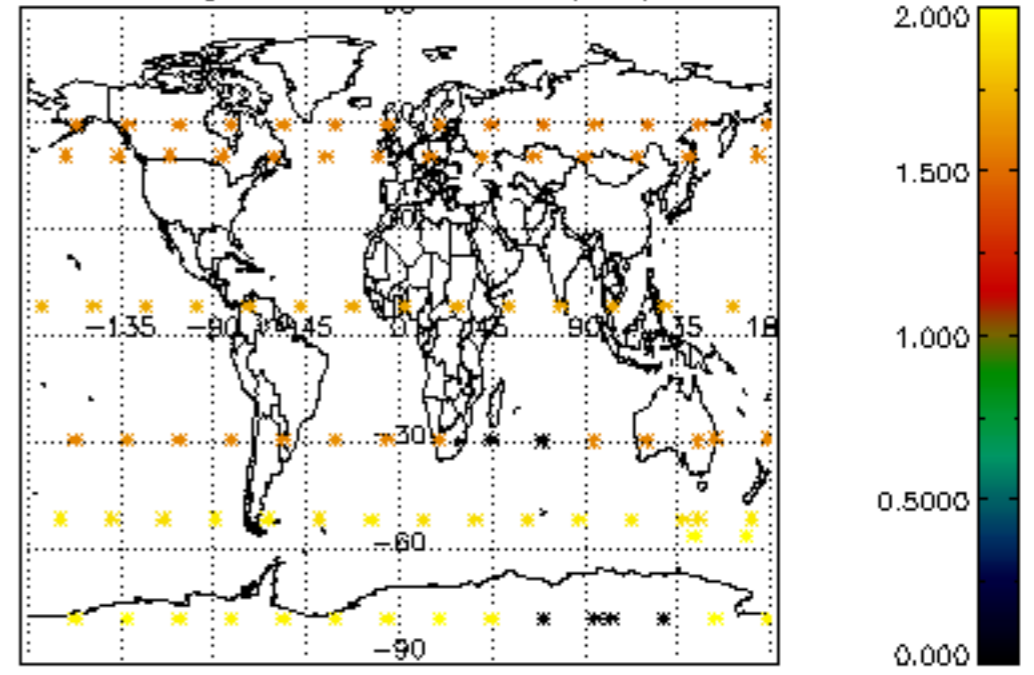
Percentage of saturation errors per profile



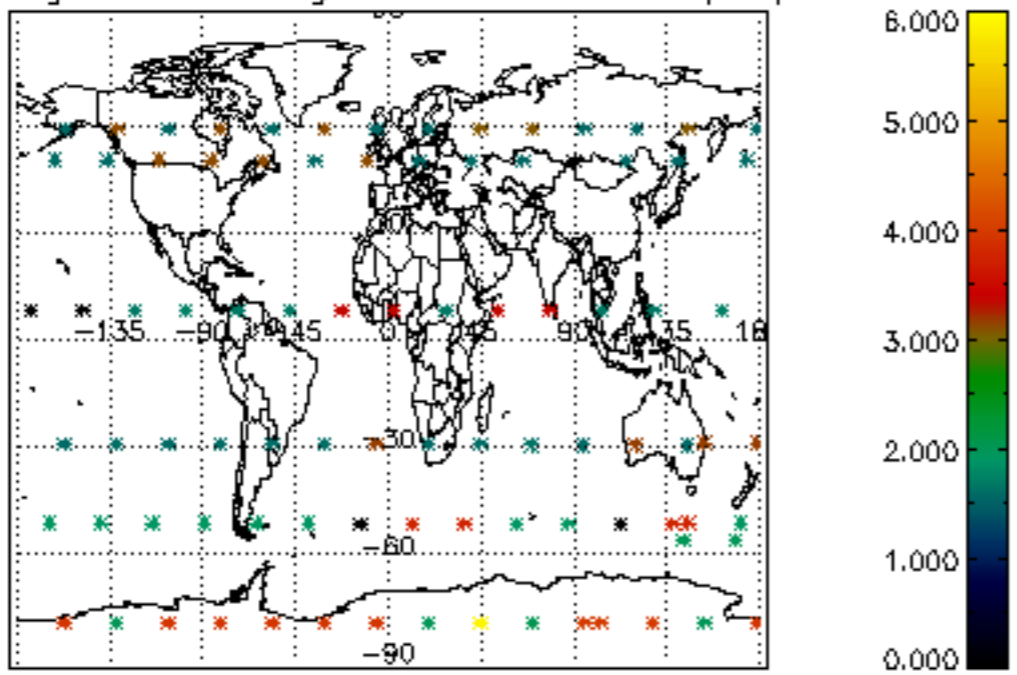
Percentage of cosmic ray hits per profile



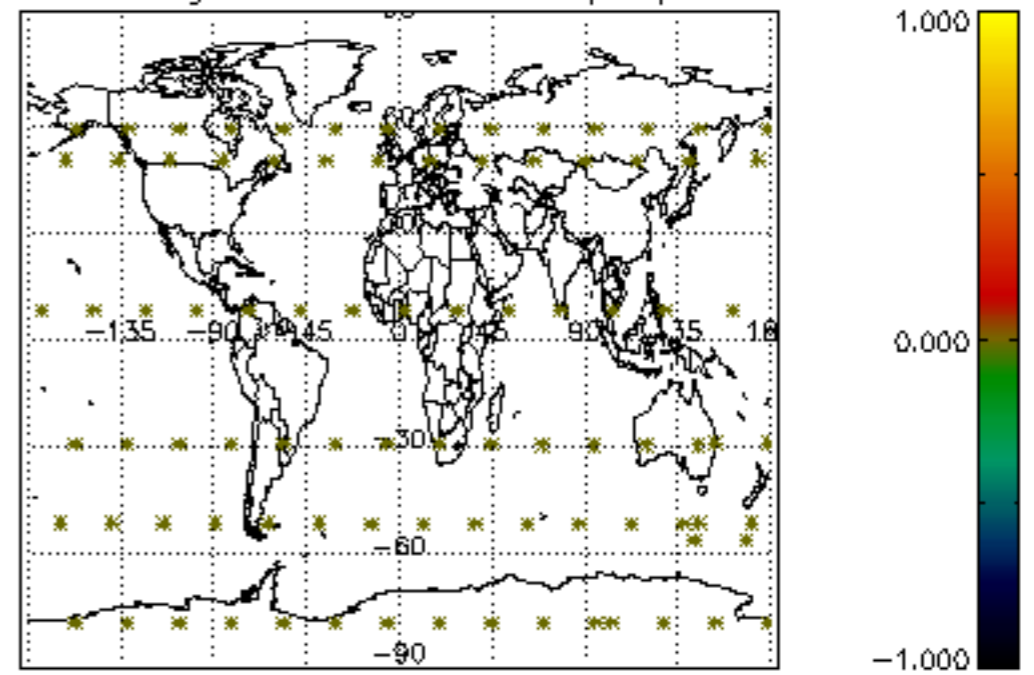
Percentage of datation errors per profile

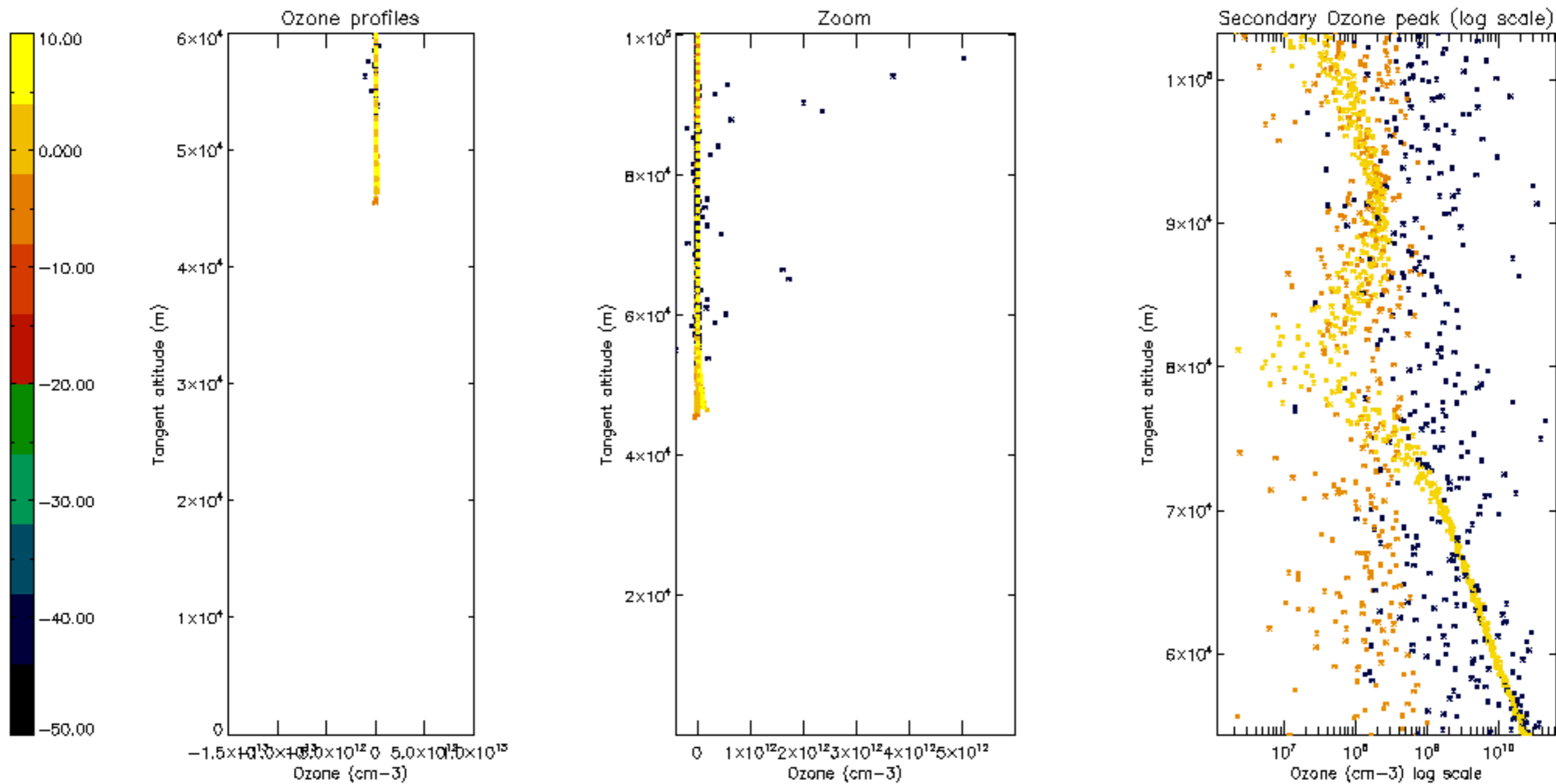


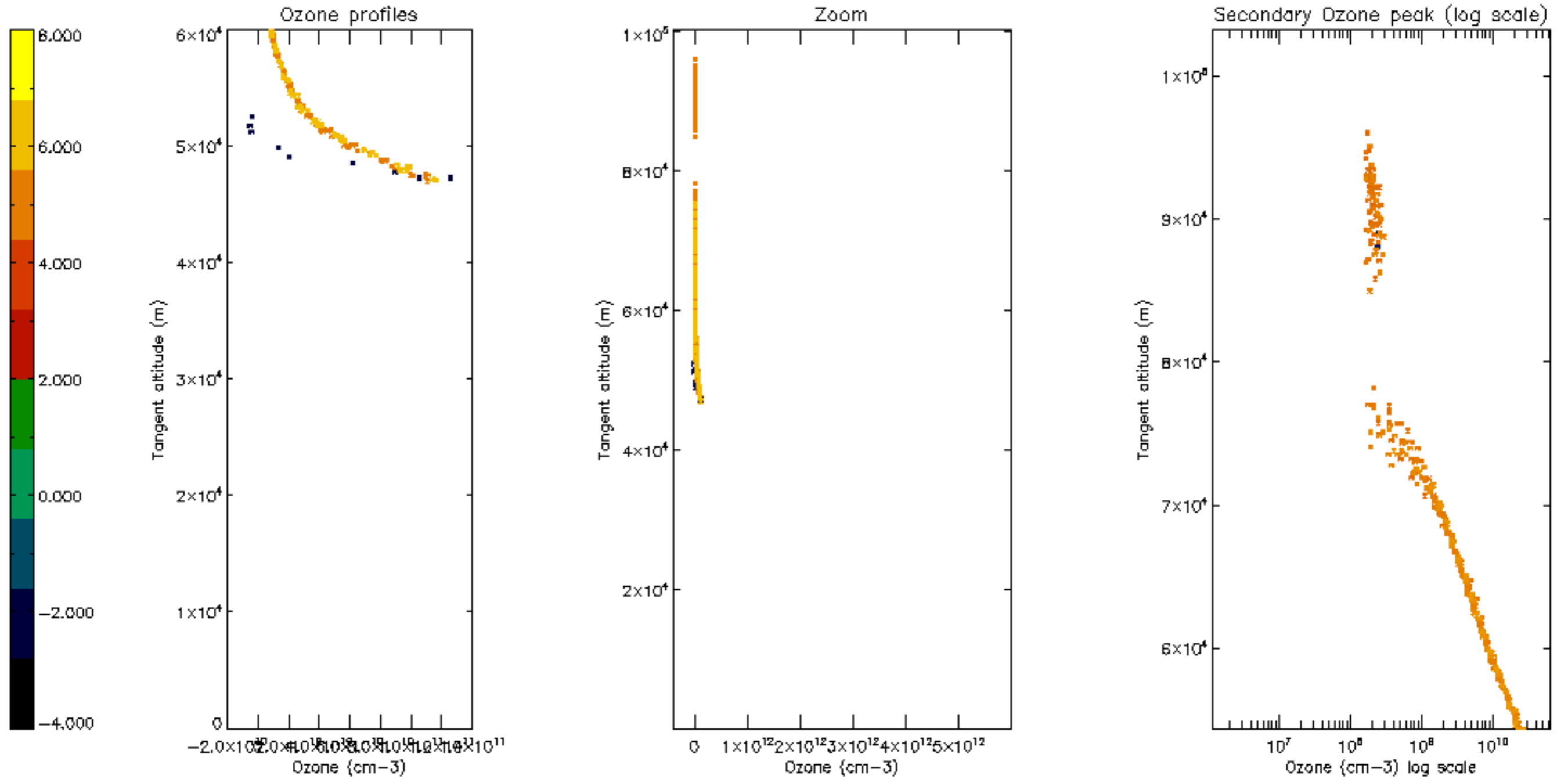
Percentage of star falling outside central band per profile

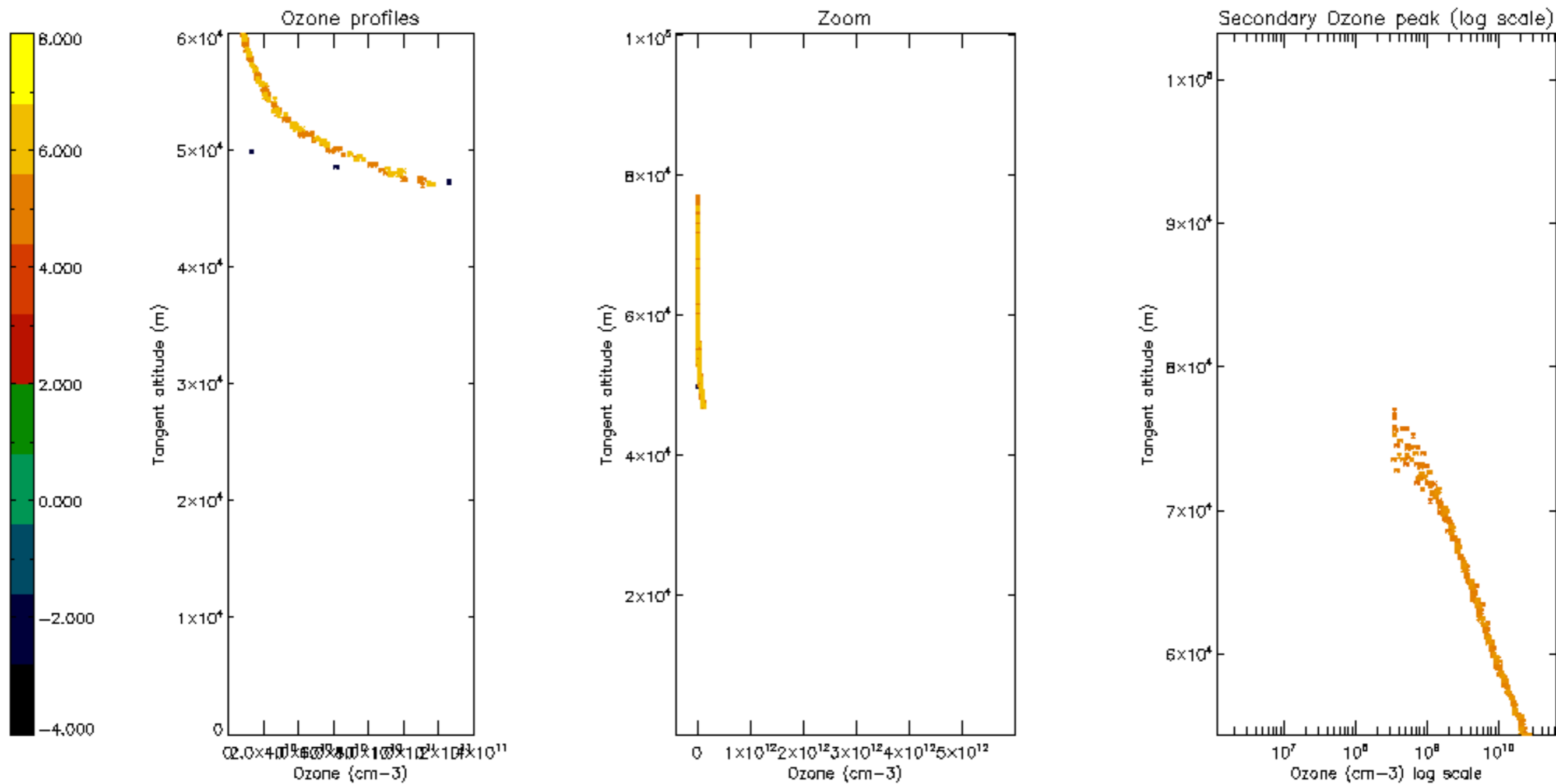


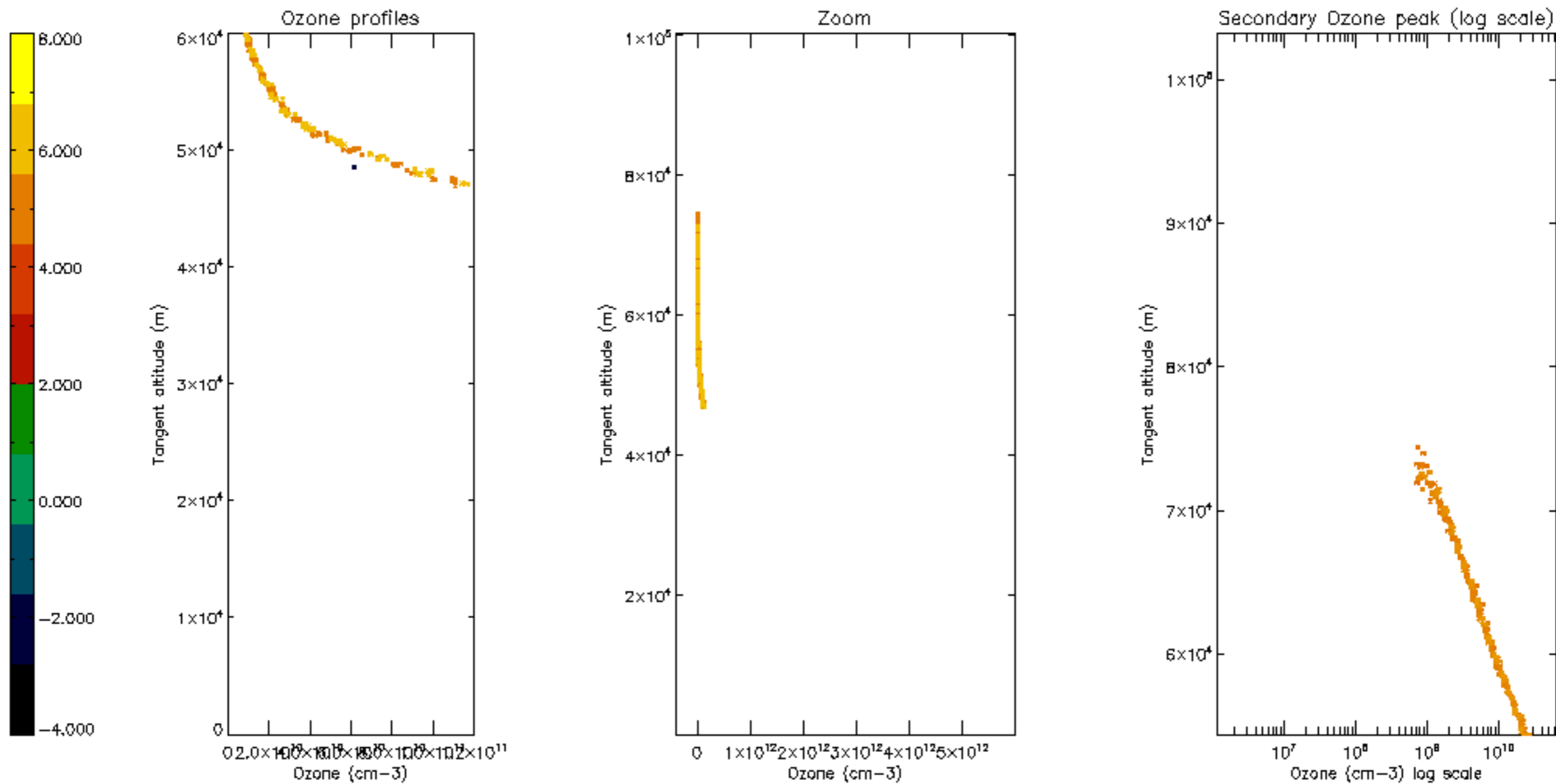
Percentage of saturation errors per profile

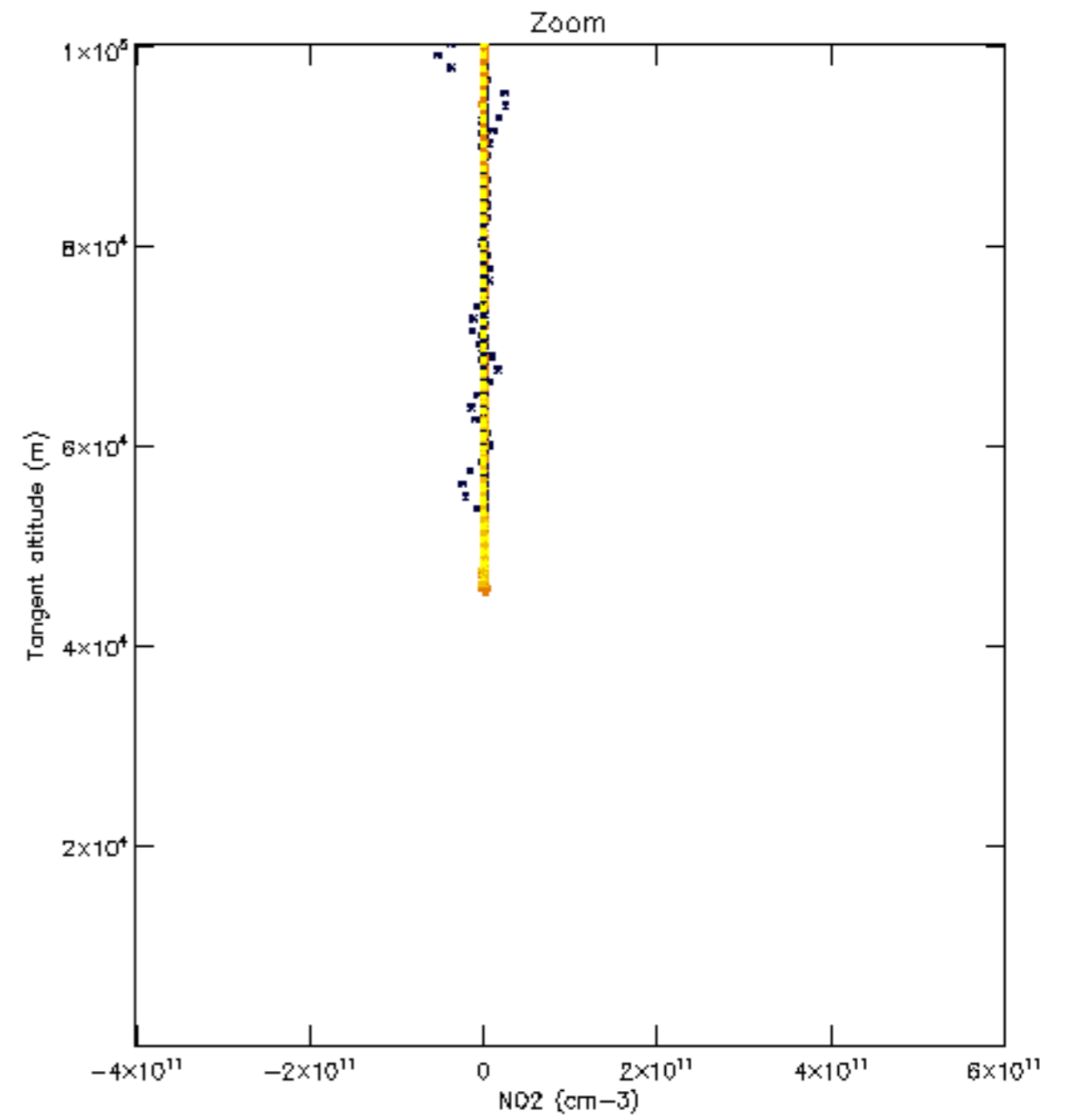
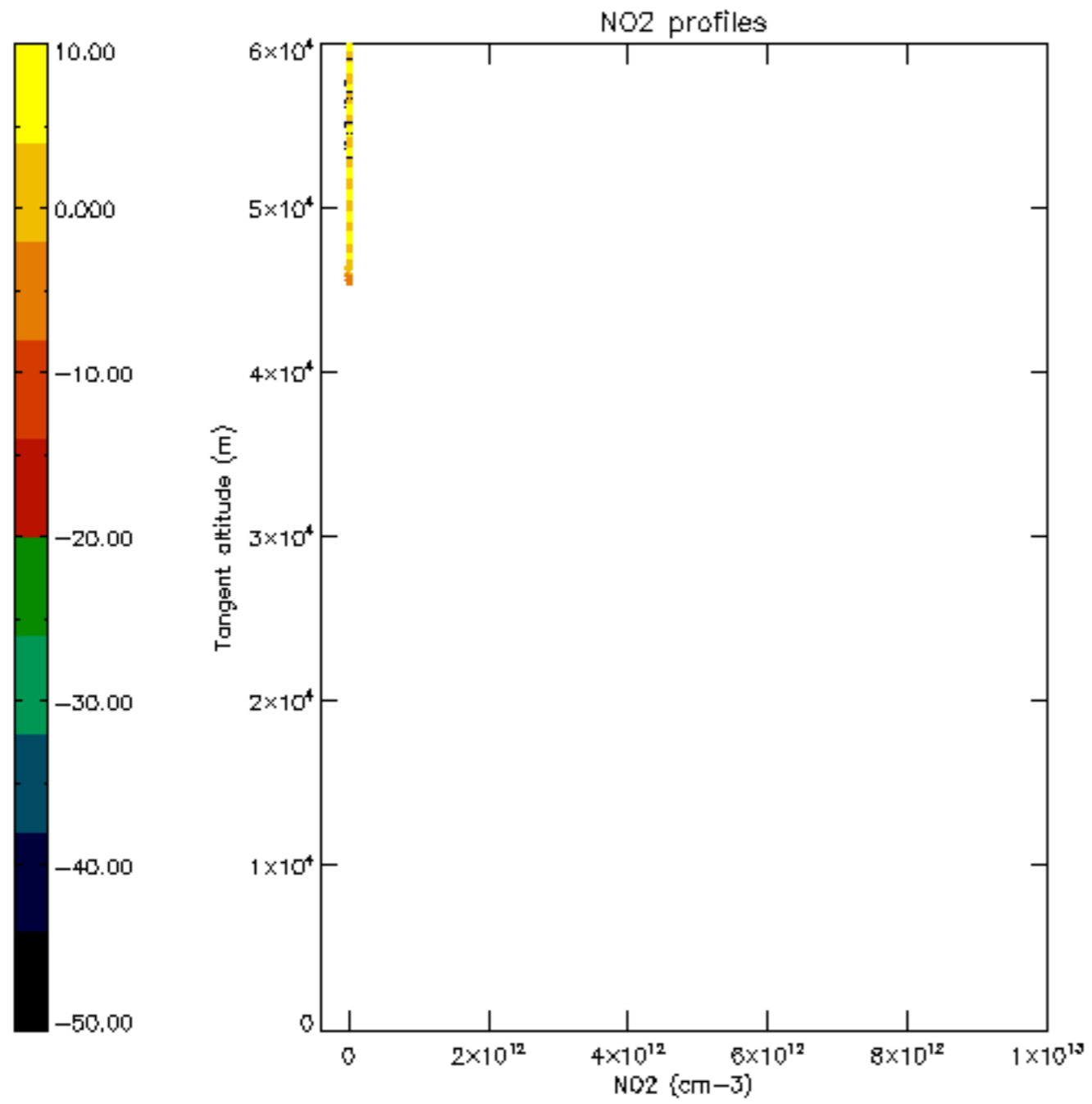


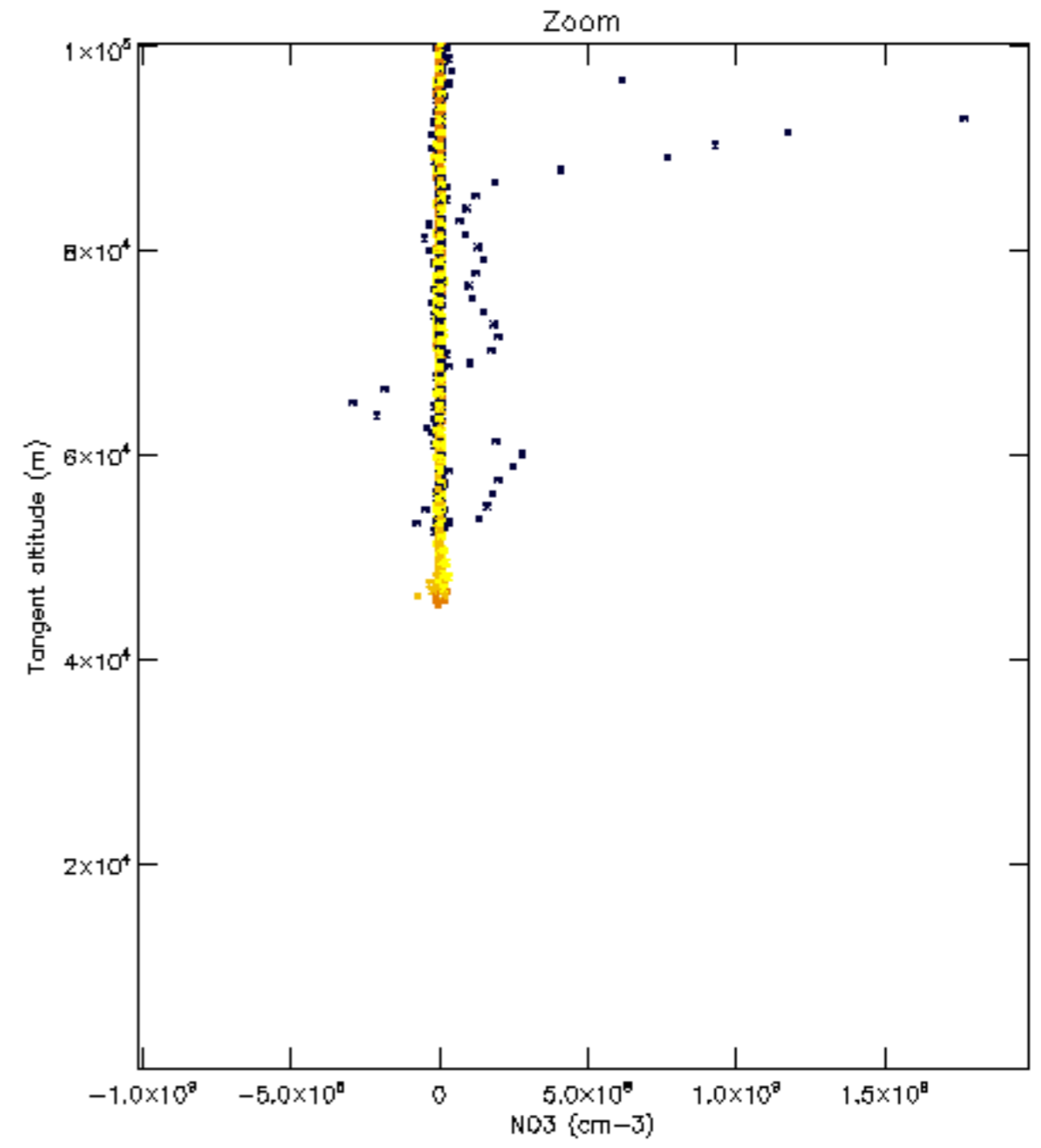
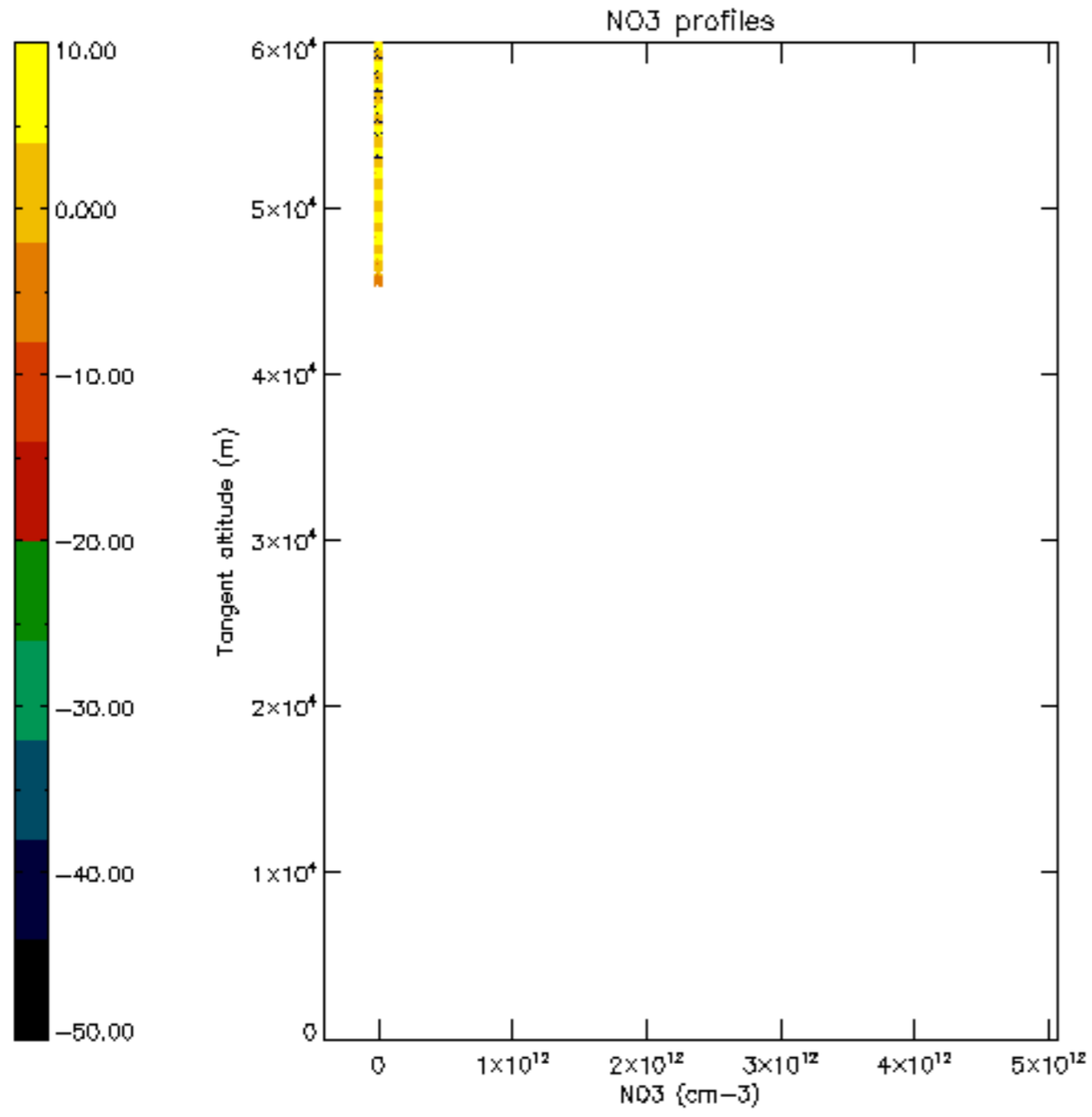


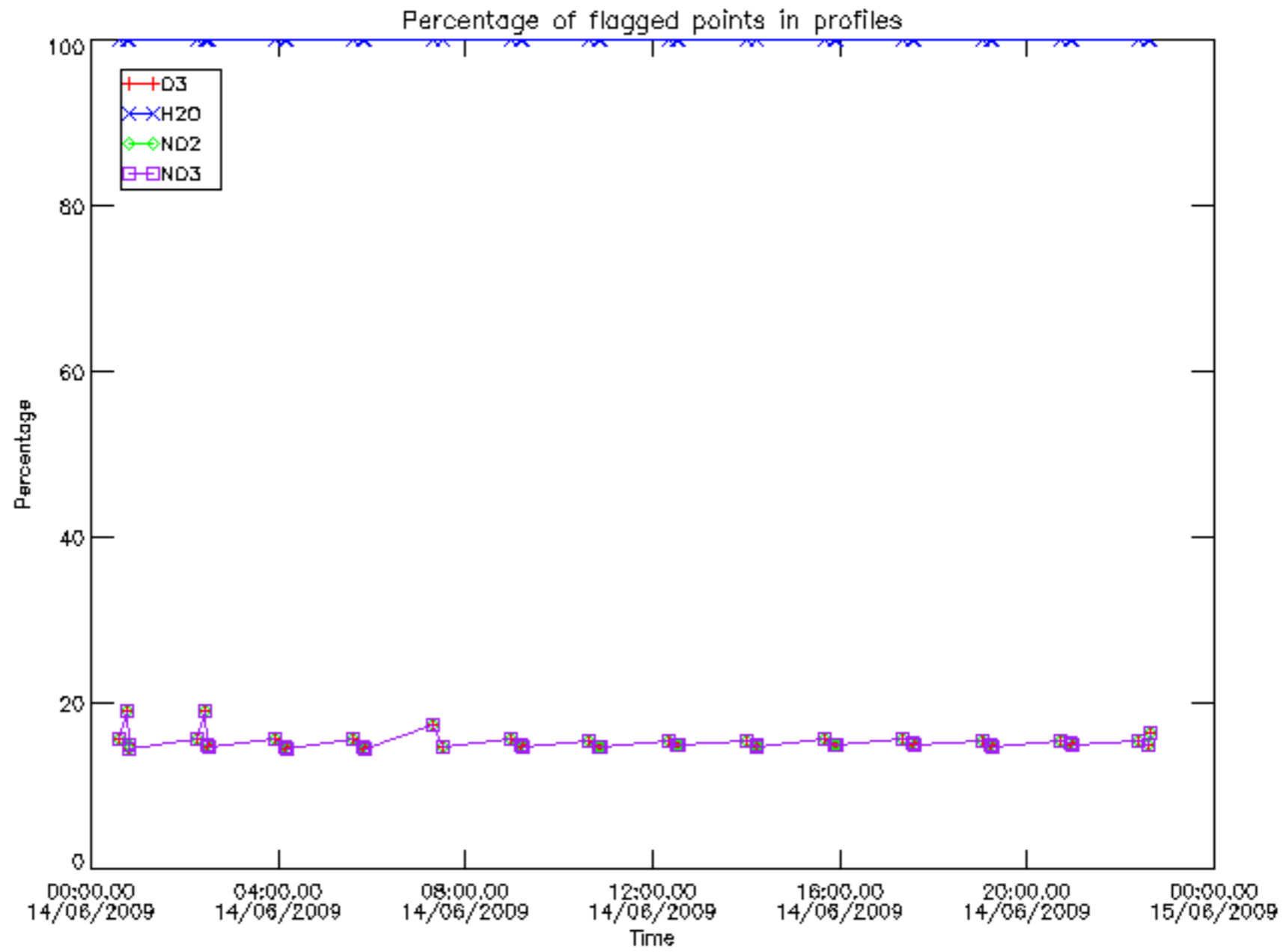




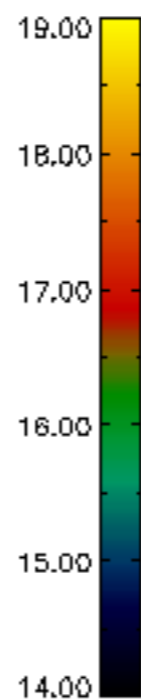
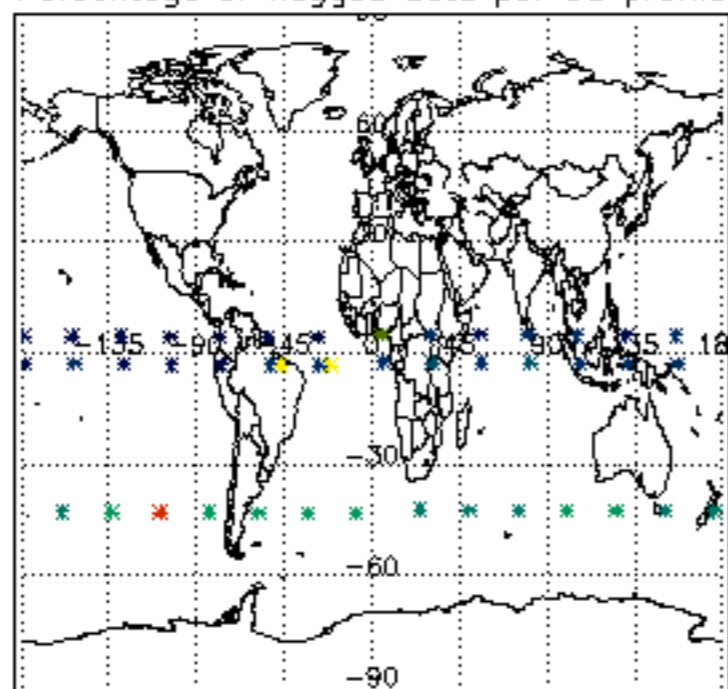




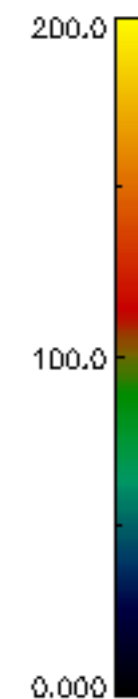
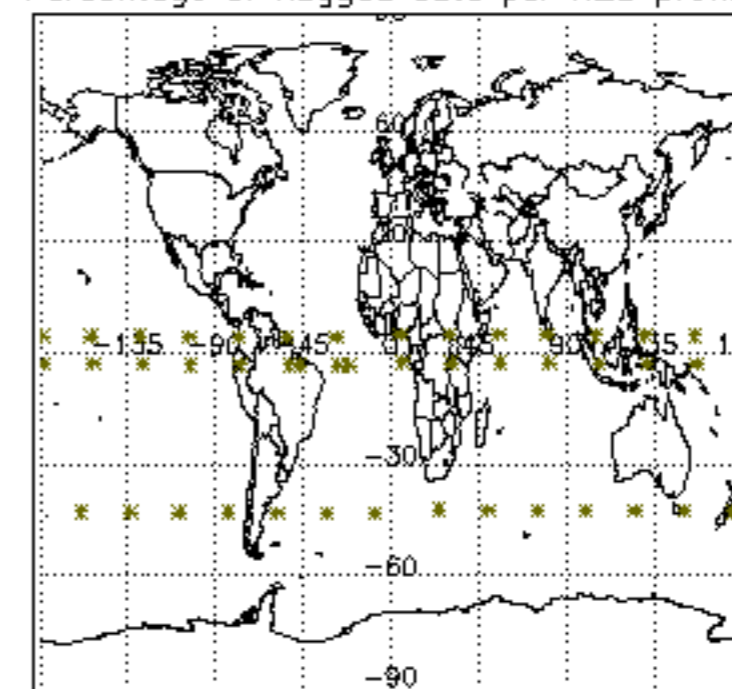




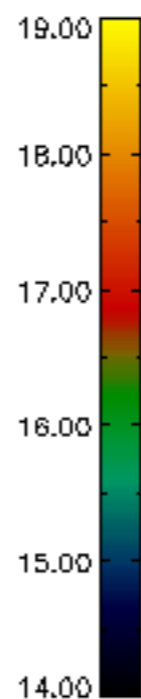
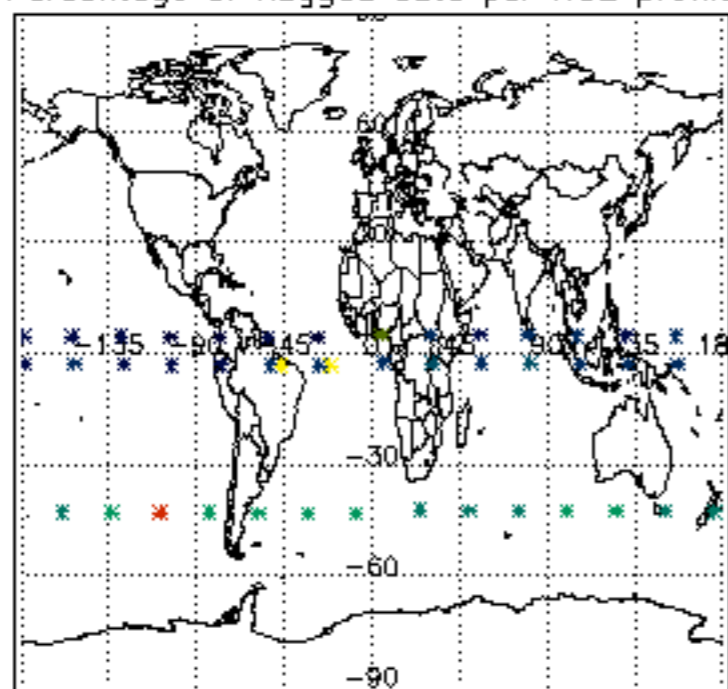
Percentage of flagged data per D3 profile



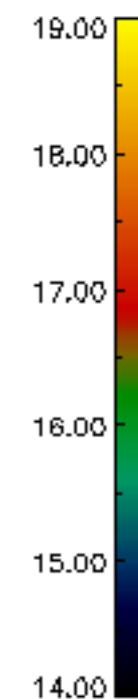
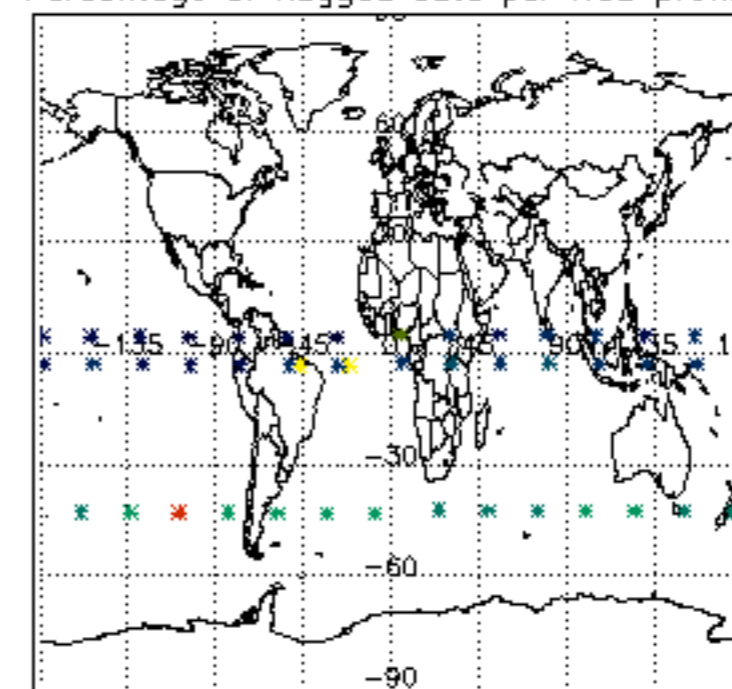
Percentage of flagged data per H2O profile

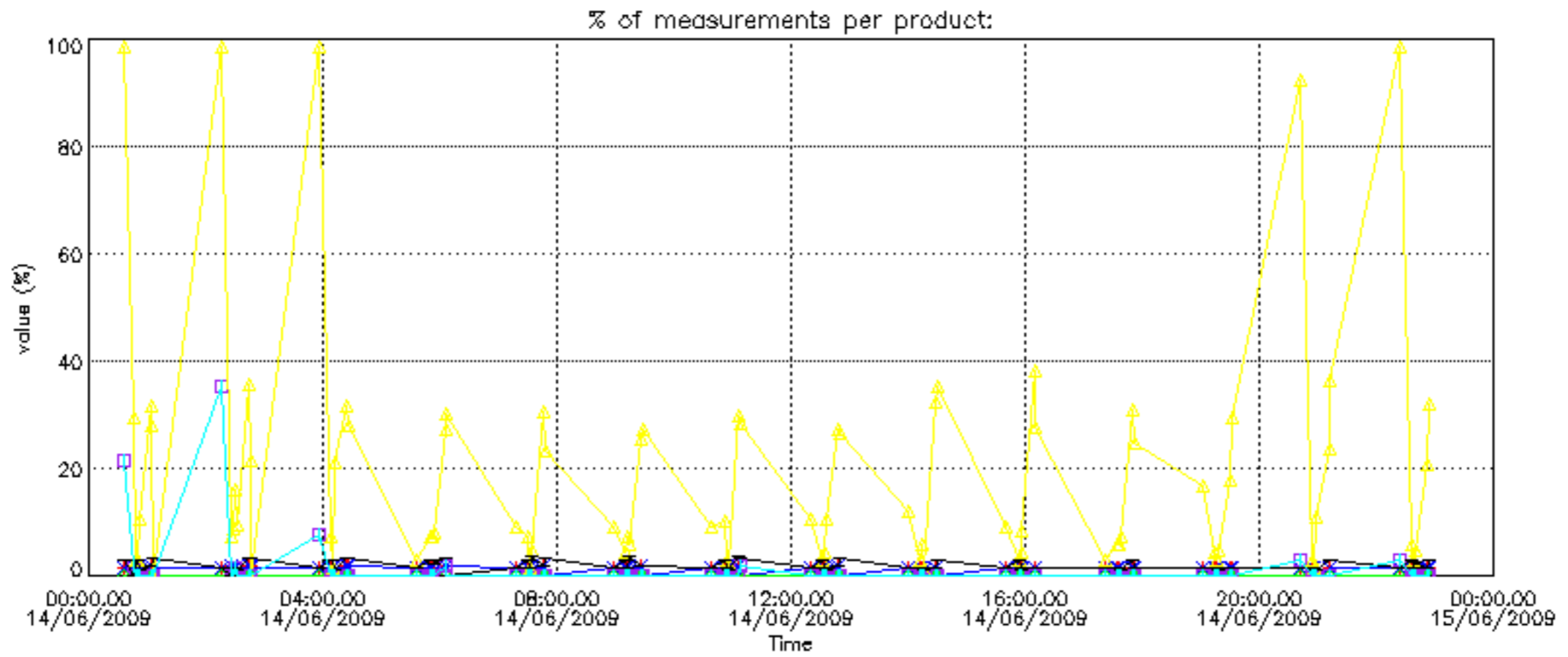


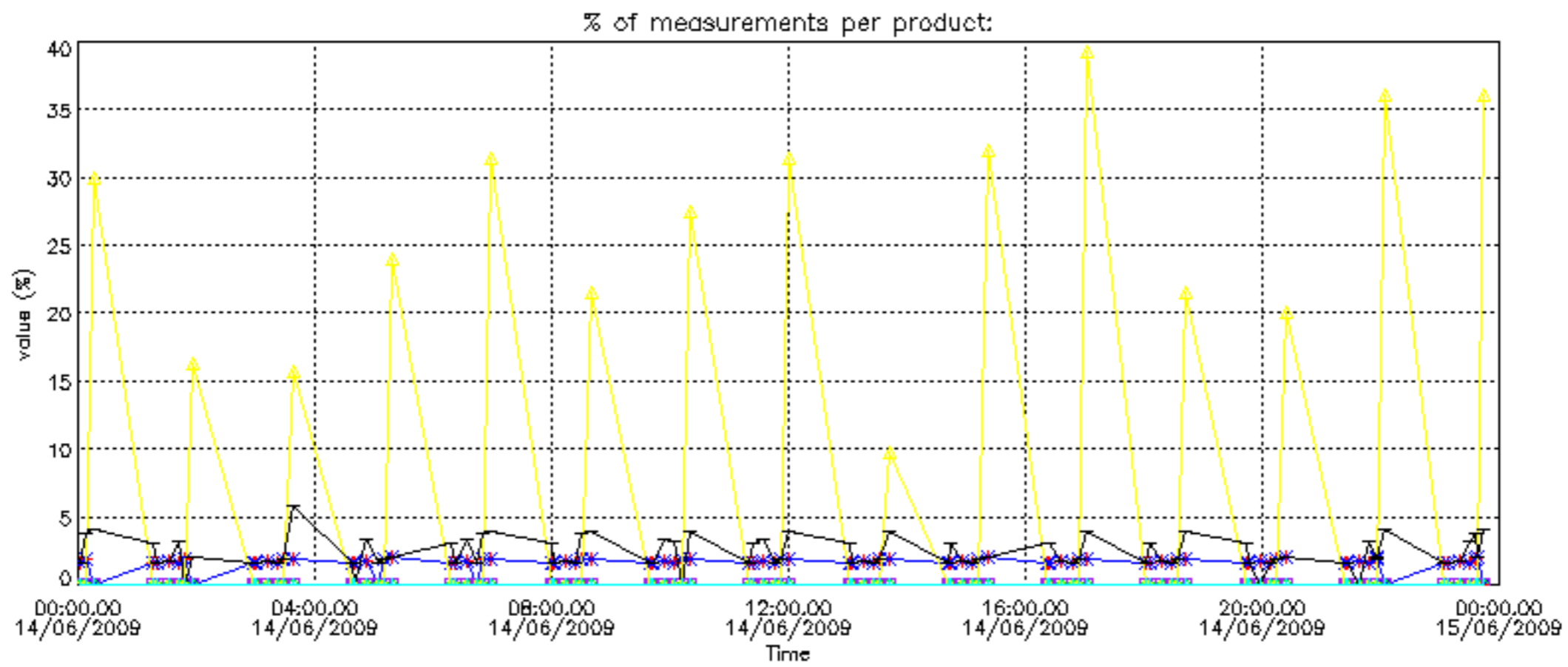
Percentage of flagged data per NO2 profile



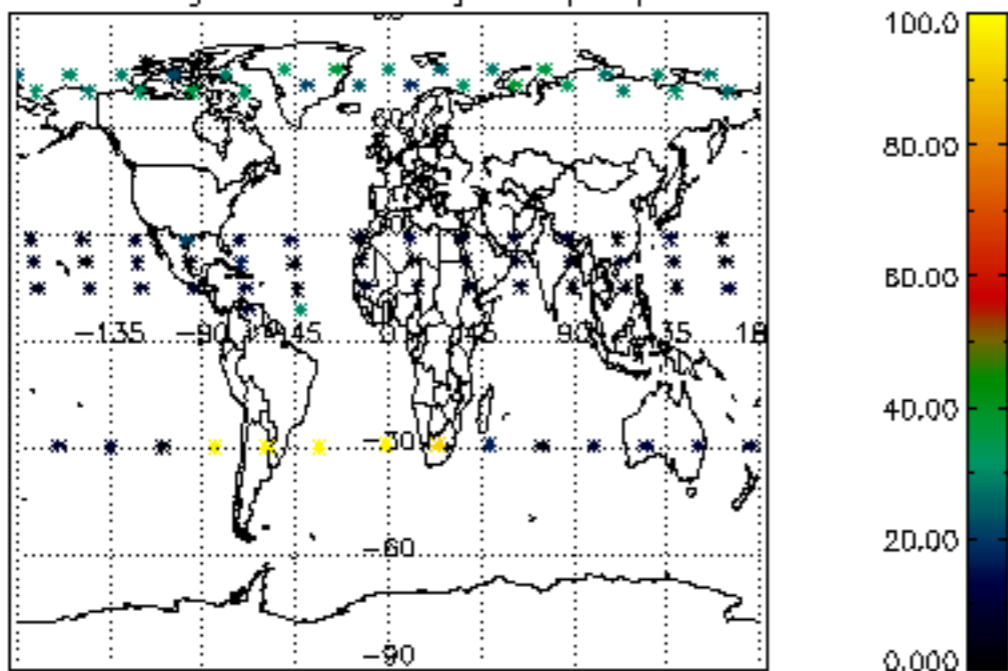
Percentage of flagged data per NO3 profile



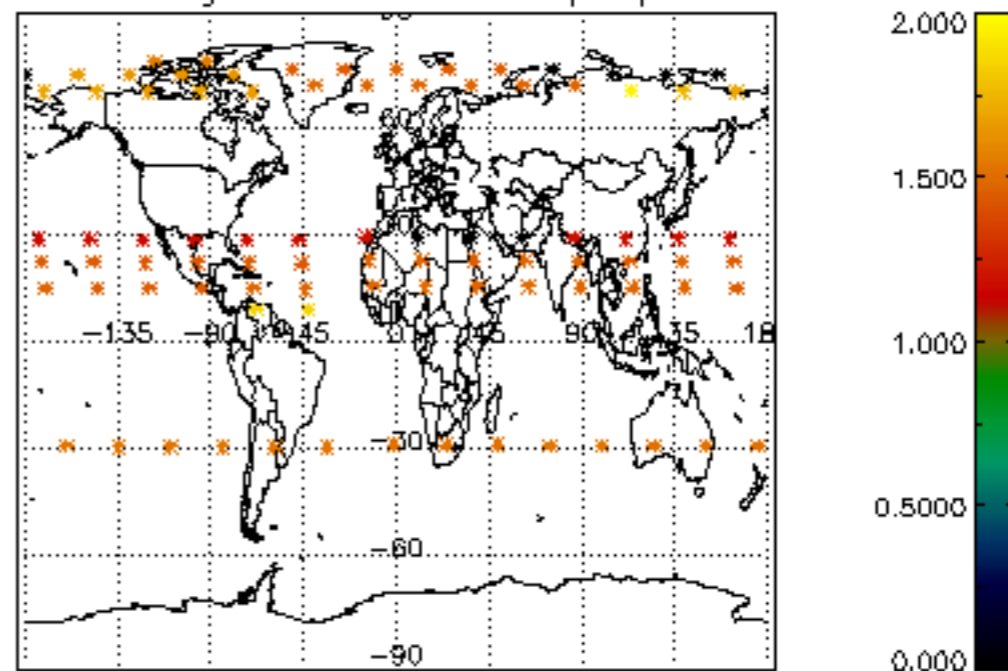




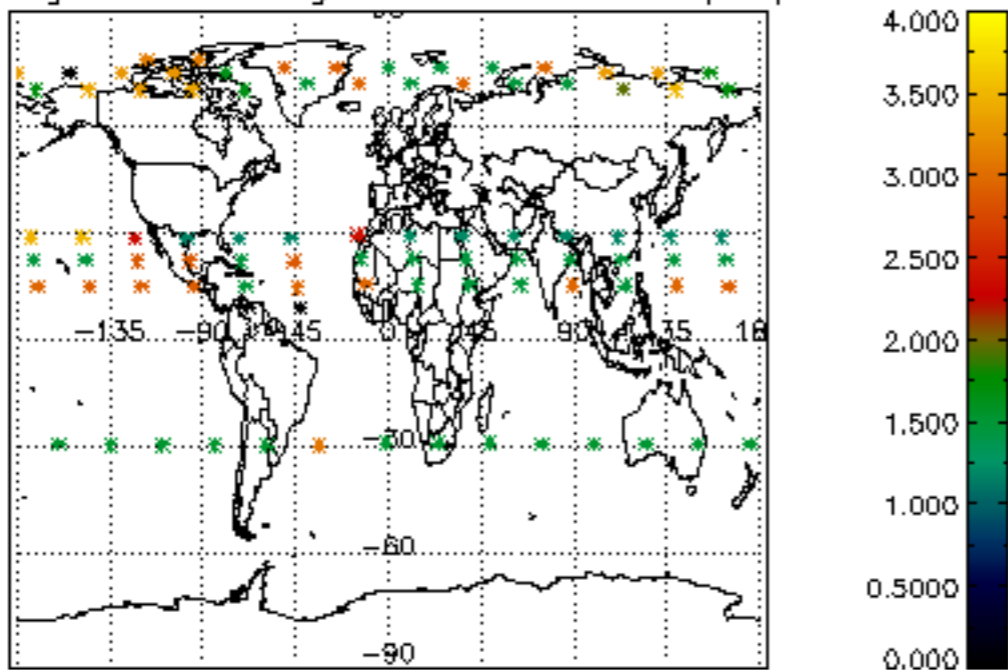
Percentage of cosmic ray hits per profile



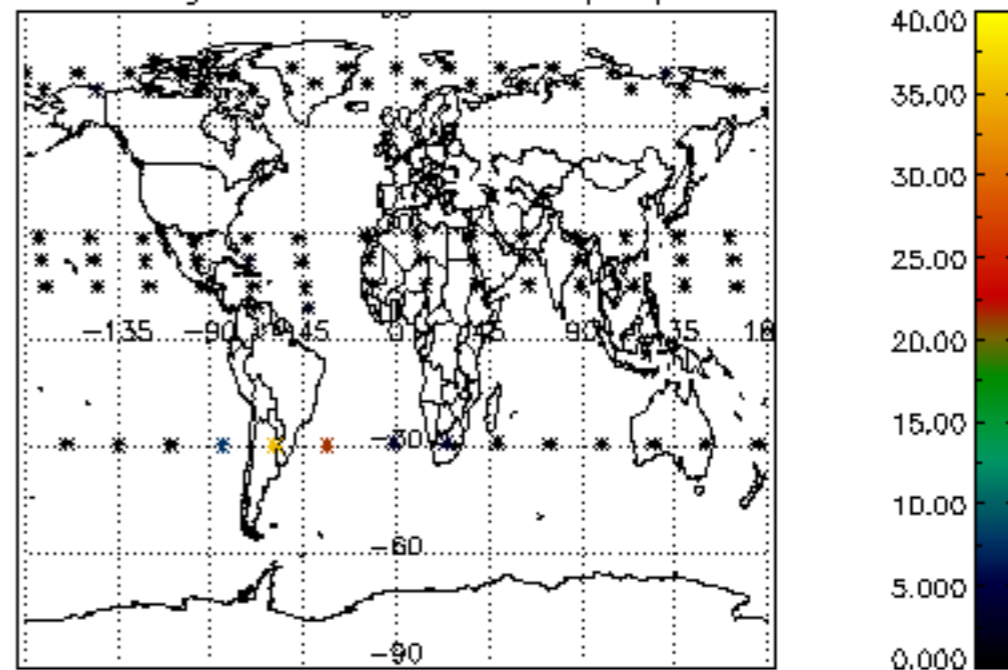
Percentage of datation errors per profile



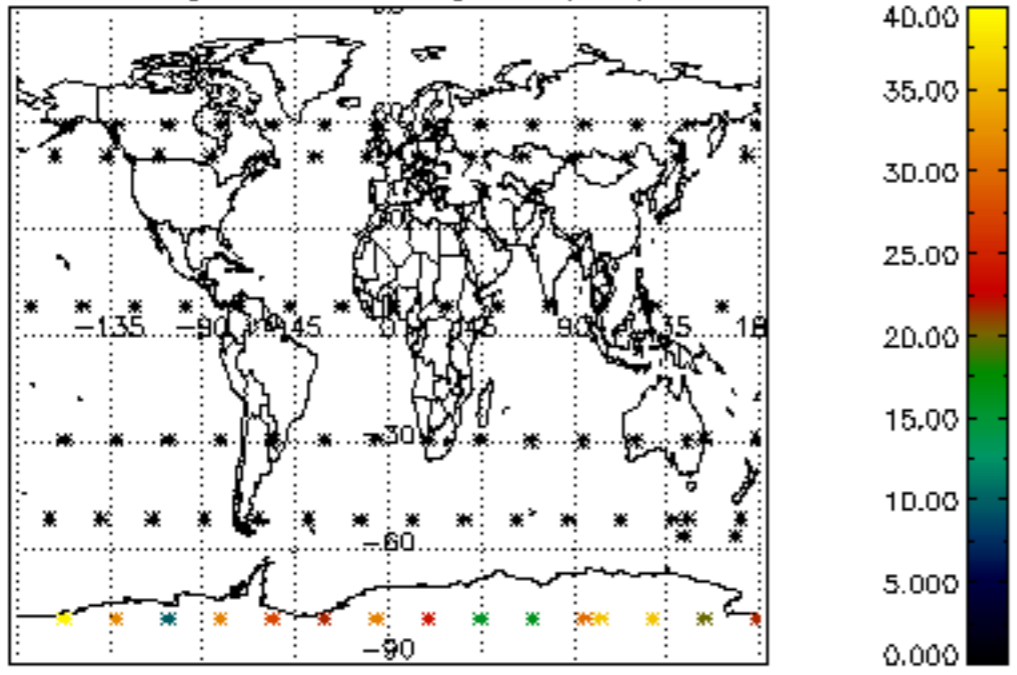
Percentage of star falling outside central band per profile



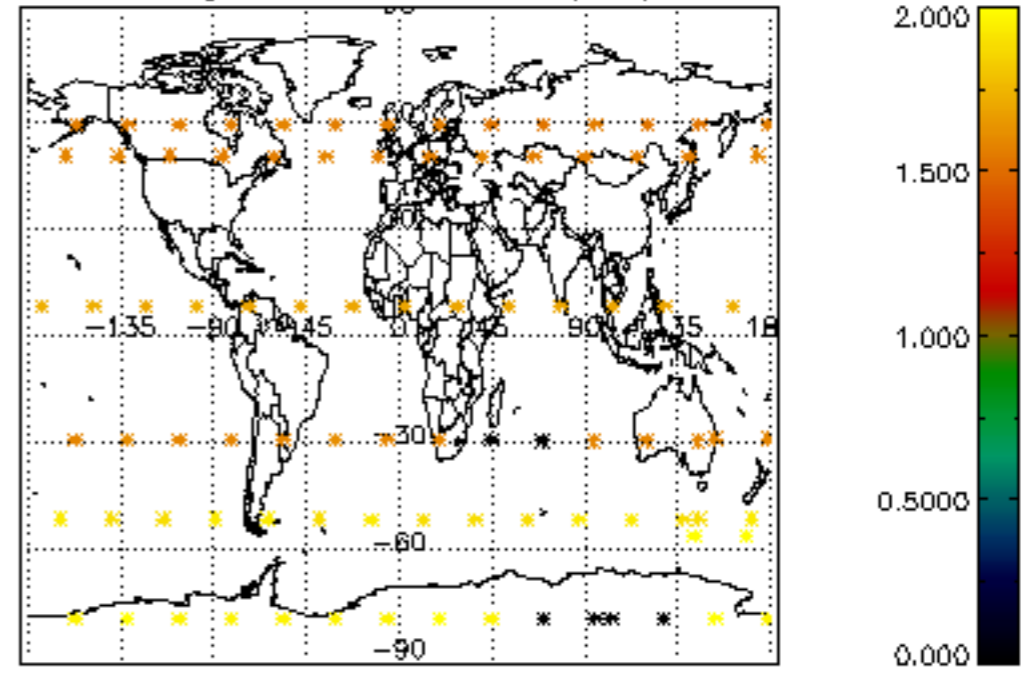
Percentage of saturation errors per profile



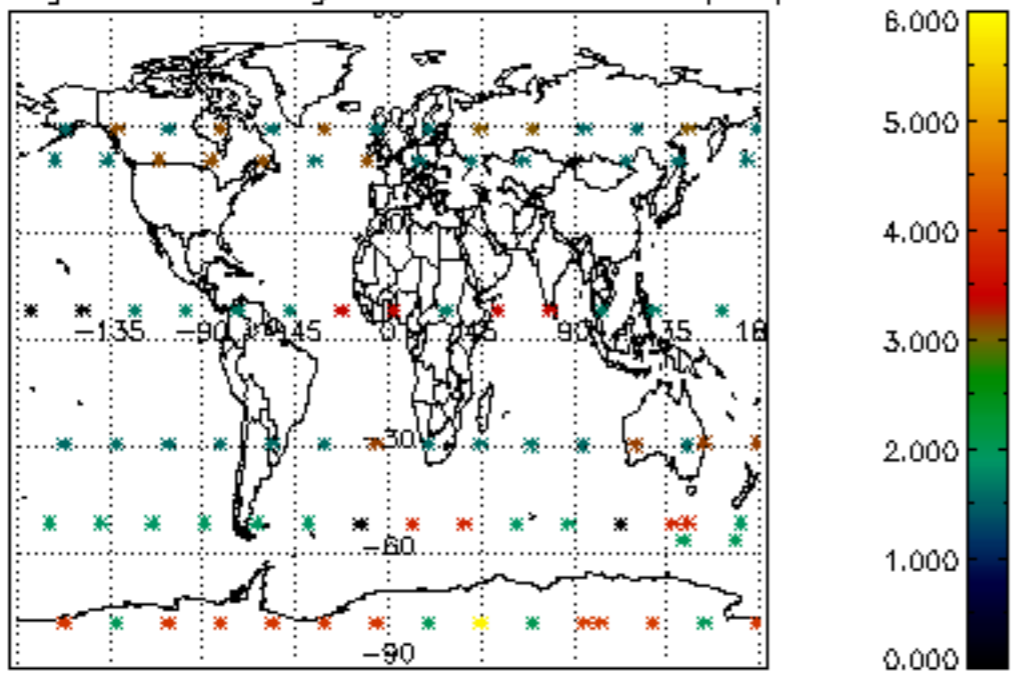
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

