

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[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 \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

[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](#)

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

[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	23APR2013 04:34:34
Data source version	GOMOS/6.01
Start time of products	12-09-2007 (12SEP2007 00:00:00)
Stop time of products	13-09-2007 (13SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

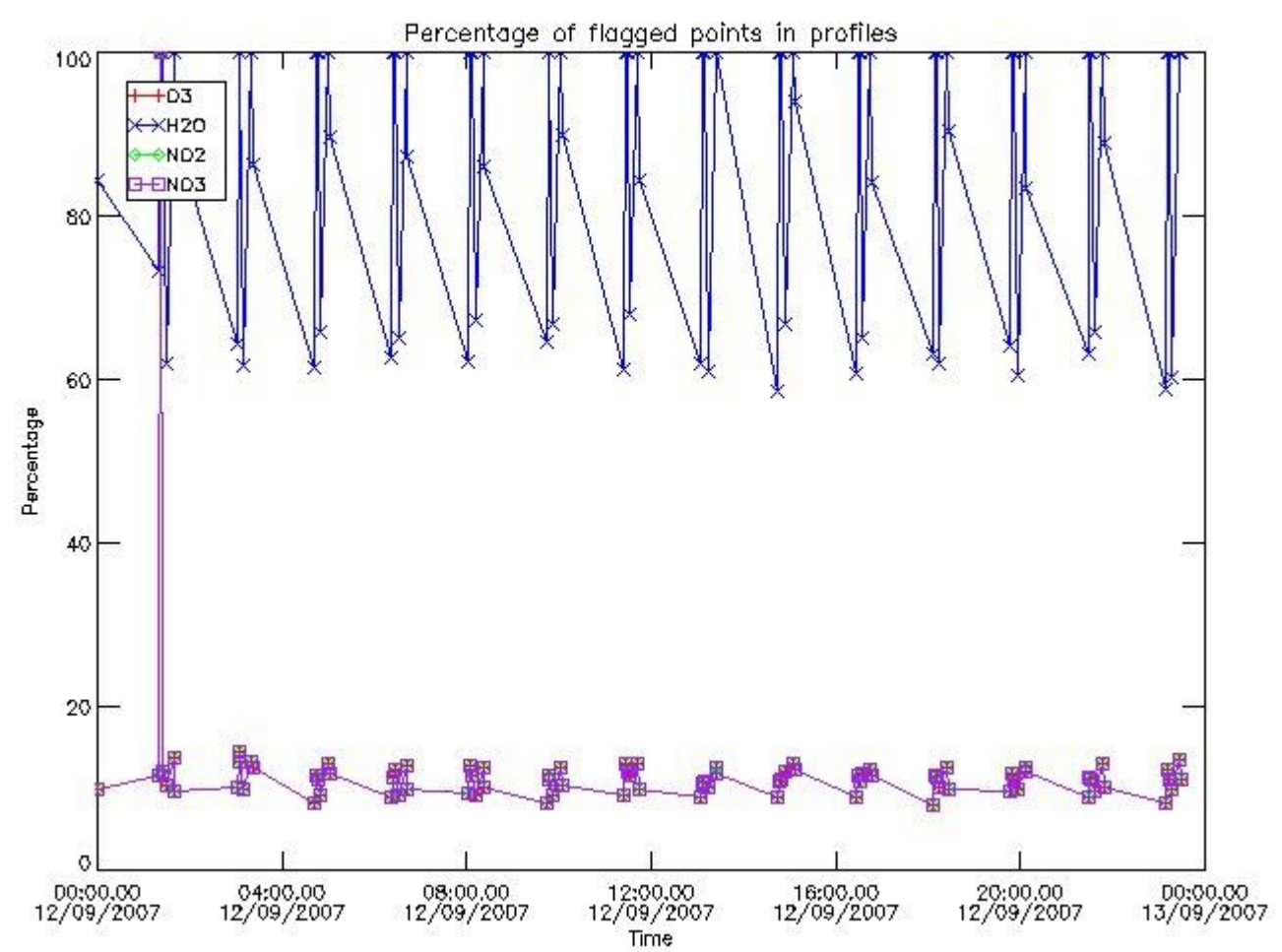
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070912_000018_00000522061_00317_28928_4980.N1	12-SEP-2007 00:00:18	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28928	No
2	GOM_NL__2PRFIN20070912_000608_000000462061_00317_28928_4981.N1	12-SEP-2007 00:06:08	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28928	No
3	GOM_NL__2PRFIN20070912_001135_000000422061_00317_28928_4982.N1	12-SEP-2007 00:11:35	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	28928	No
4	GOM_NL__2PRFIN20070912_002521_000000412061_00317_28928_4983.N1	12-SEP-2007 00:25:21	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28928	No
5	GOM_NL__2PRFIN20070912_002935_000000392061_00317_28928_4984.N1	12-SEP-2007 00:29:35	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28928	No
6	GOM_NL__2PRFIN20070912_003945_000000432061_00317_28928_4985.N1	12-SEP-2007 00:39:45	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28928	No
7	GOM_NL__2PRFIN20070912_004140_000000402061_00317_28928_4986.N1	12-SEP-2007 00:41:40	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	28928	No
8	GOM_NL__2PRFIN20070912_010321_000000422061_00317_28928_4987.N1	12-SEP-2007 01:03:21	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28928	No
9	GOM_NL__2PRFIN20070912_011139_000000522061_00317_28928_4988.N1	12-SEP-2007 01:11:39	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	28928	No
10	GOM_NL__2PRFIN20070912_012016_000000532061_00317_28928_4989.N1	12-SEP-2007 01:20:16	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	28928	No
11	GOM_NL__2PRFIN20070912_012241_000000472061_00317_28928_4990.N1	12-SEP-2007 01:22:41	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28928	No
12	GOM_NL__2PRFIN20070912_012453_000000472061_00317_28928_4991.N1	12-SEP-2007 01:24:53	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	28928	No
13	GOM_NL__2PRFIN20070912_012909_000000492061_00317_28928_4992.N1	12-SEP-2007 01:29:09	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	28928	No
14	GOM_NL__2PRFIN20070912_013931_000000412061_00318_28929_4993.N1	12-SEP-2007 01:39:31	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28929	No
15	GOM_NL__2PRFIN20070912_014055_000000532061_00318_28929_4994.N1	12-SEP-2007 01:40:55	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28929	No
16	GOM_NL__2PRFIN20070912_014644_000000552061_00318_28929_4995.N1	12-SEP-2007 01:46:44	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	28929	No
17	GOM_NL__2PRFIN20070912_015211_000000462061_00318_28929_4996.N1	12-SEP-2007 01:52:11	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28929	No
18	GOM_NL__2PRFIN20070912_020556_000000412061_00318_28929_4997.N1	12-SEP-2007 02:05:56	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28929	No
19	GOM_NL__2PRFIN20070912_021010_000000392061_00318_28929_4998.N1	12-SEP-2007 02:10:10	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28929	No
20	GOM_NL__2PRFIN20070912_022021_000000412061_00318_28929_4999.N1	12-SEP-2007 02:20:21	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28929	No
21	GOM_NL__2PRFIN20070912_022215_000000432061_00318_28929_5000.N1	12-SEP-2007 02:22:15	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	28929	No
22	GOM_NL__2PRFIN20070912_024357_000000432061_00318_28929_5001.N1	12-SEP-2007 02:43:57	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	28929	No
23	GOM_NL__2PRFIN20070912_025216_000000482061_00318_28929_5002.N1	12-SEP-2007 02:52:16	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28929	No
24	GOM_NL__2PRFIN20070912_030052_000000552061_00318_28929_5003.N1	12-SEP-2007 03:00:52	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28929	No
25	GOM_NL__2PRFIN20070912_030317_000000422061_00318_28929_5004.N1	12-SEP-2007 03:03:17	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28929	No
26	GOM_NL__2PRFIN20070912_030530_000000462061_00318_28929_5005.N1	12-SEP-2007 03:05:30	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28929	No
27	GOM_NL__2PRFIN20070912_030946_000000522061_00318_28929_5006.N1	12-SEP-2007 03:09:46	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28929	No
28	GOM_NL__2PRFIN20070912_032008_000000392061_00319_28930_5007.N1	12-SEP-2007 03:20:08	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28930	No
29	GOM_NL__2PRFIN20070912_032131_000000452061_00319_28930_5008.N1	12-SEP-2007 03:21:31	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28930	No
30	GOM_NL__2PRFIN20070912_032721_000000482061_00319_28930_5009.N1	12-SEP-2007 03:27:21	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28930	No
31	GOM_NL__2PRFIN20070912_033247_000000462061_00319_28930_5010.N1	12-SEP-2007 03:32:47	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28930	No
32	GOM_NL__2PRFIN20070912_034632_000000412061_00319_28930_5011.N1	12-SEP-2007 03:46:32	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28930	No
33	GOM_NL__2PRFIN20070912_035046_000000392061_00319_28930_5012.N1	12-SEP-2007 03:50:46	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28930	No
34	GOM_NL__2PRFIN20070912_040056_000000422061_00319_28930_5013.N1	12-SEP-2007 04:00:56	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28930	No
35	GOM_NL__2PRFIN20070912_040251_000000432061_00319_28930_5014.N1	12-SEP-2007 04:02:51	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28930	No
36	GOM_NL__2PRFIN20070912_042433_000000422061_00319_28930_5015.N1	12-SEP-2007 04:24:33	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28930	No
37	GOM_NL__2PRFIN20070912_043252_000000412061_00319_28930_5016.N1	12-SEP-2007 04:32:52	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28930	No
38	GOM_NL__2PRFIN20070912_044129_000000632061_00319_28930_5017.N1	12-SEP-2007 04:41:29	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	28930	No
39	GOM_NL__2PRFIN20070912_044354_000000452061_00319_28930_5018.N1	12-SEP-2007 04:43:54	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28930	No
40	GOM_NL__2PRFIN20070912_044607_000000462061_00319_28930_5019.N1	12-SEP-2007 04:46:07	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28930	No
41	GOM_NL__2PRFIN20070912_045022_000000562061_00319_28930_5020.N1	12-SEP-2007 04:50:22	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28930	No
42	GOM_NL__2PRFIN20070912_050044_000000392061_00320_28931_5016.N1	12-SEP-2007 05:00:44	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28931	No

161	GOM_NL_2PRFIN20070912_190809_00000442061_00328_28939_5177.N1	12-SEP-2007 19:08:09	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28939	No
162	GOM_NL_2PRFIN20070912_192958_00000412061_00328_28939_5178.N1	12-SEP-2007 19:29:58	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28939	No
163	GOM_NL_2PRFIN20070912_193820_00000512061_00328_28939_5179.N1	12-SEP-2007 19:38:20	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	28939	No
164	GOM_NL_2PRFIN20070912_194701_00000542061_00328_28939_5180.N1	12-SEP-2007 19:47:01	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28939	No
165	GOM_NL_2PRFIN20070912_194924_00000442061_00328_28939_5181.N1	12-SEP-2007 19:49:24	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28939	No
166	GOM_NL_2PRFIN20070912_195139_00000472061_00328_28939_5182.N1	12-SEP-2007 19:51:39	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	28939	No
167	GOM_NL_2PRFIN20070912_195551_00000512061_00328_28939_5183.N1	12-SEP-2007 19:55:51	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	28939	No
168	GOM_NL_2PRFIN20070912_200612_00000412061_00329_28940_5182.N1	12-SEP-2007 20:06:12	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28940	No
169	GOM_NL_2PRFIN20070912_200736_00000422061_00329_28940_5183.N1	12-SEP-2007 20:07:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28940	No
170	GOM_NL_2PRFIN20070912_201324_00000562061_00329_28940_5184.N1	12-SEP-2007 20:13:24	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	28940	No
171	GOM_NL_2PRFIN20070912_201848_00000432061_00329_28940_5185.N1	12-SEP-2007 20:18:48	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	28940	No
172	GOM_NL_2PRFIN20070912_203229_00000392061_00329_28940_5186.N1	12-SEP-2007 20:32:29	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	28940	No
173	GOM_NL_2PRFIN20070912_203643_00000382061_00329_28940_5187.N1	12-SEP-2007 20:36:43	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	28940	No
174	GOM_NL_2PRFIN20070912_204650_00000412061_00329_28940_5188.N1	12-SEP-2007 20:46:50	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28940	No
175	GOM_NL_2PRFIN20070912_204844_00000442061_00329_28940_5189.N1	12-SEP-2007 20:48:44	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	28940	No
176	GOM_NL_2PRFIN20070912_211034_00000432061_00329_28940_5190.N1	12-SEP-2007 21:10:34	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28940	No
177	GOM_NL_2PRFIN20070912_211856_00000512061_00329_28940_5191.N1	12-SEP-2007 21:18:56	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	28940	No
178	GOM_NL_2PRFIN20070912_212738_00000632061_00329_28940_5192.N1	12-SEP-2007 21:27:38	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	28940	No
179	GOM_NL_2PRFIN20070912_213001_00000492061_00329_28940_5193.N1	12-SEP-2007 21:30:01	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	28940	No
180	GOM_NL_2PRFIN20070912_213216_00000462061_00329_28940_5194.N1	12-SEP-2007 21:32:16	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28940	No
181	GOM_NL_2PRFIN20070912_213627_00000532061_00329_28940_5195.N1	12-SEP-2007 21:36:27	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28940	No
182	GOM_NL_2PRFIN20070912_214648_00000402061_00330_28941_5192.N1	12-SEP-2007 21:46:48	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28941	No
183	GOM_NL_2PRFIN20070912_214812_00000512061_00330_28941_5193.N1	12-SEP-2007 21:48:12	Dark	50.500	9	Alp Eri	0.45300	24000.	101	28941	No
184	GOM_NL_2PRFIN20070912_215401_00000482061_00330_28941_5194.N1	12-SEP-2007 21:54:01	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	28941	No
185	GOM_NL_2PRFIN20070912_215925_00000432061_00330_28941_5195.N1	12-SEP-2007 21:59:25	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28941	No
186	GOM_NL_2PRFIN20070912_221304_00000402061_00330_28941_5196.N1	12-SEP-2007 22:13:04	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	28941	No
187	GOM_NL_2PRFIN20070912_221718_00000382061_00330_28941_5197.N1	12-SEP-2007 22:17:18	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28941	No
188	GOM_NL_2PRFIN20070912_222726_00000402061_00330_28941_5198.N1	12-SEP-2007 22:27:26	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	28941	No
189	GOM_NL_2PRFIN20070912_222919_00000422061_00330_28941_5199.N1	12-SEP-2007 22:29:19	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	28941	No
190	GOM_NL_2PRFIN20070912_225109_00000422061_00330_28941_5200.N1	12-SEP-2007 22:51:09	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28941	No
191	GOM_NL_2PRFIN20070912_225932_00000492061_00330_28941_5201.N1	12-SEP-2007 22:59:32	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28941	No
192	GOM_NL_2PRFIN20070912_230814_00000632061_00330_28941_5202.N1	12-SEP-2007 23:08:14	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	28941	No
193	GOM_NL_2PRFIN20070912_231038_00000462061_00330_28941_5203.N1	12-SEP-2007 23:10:38	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28941	No
194	GOM_NL_2PRFIN20070912_231253_00000462061_00330_28941_5204.N1	12-SEP-2007 23:12:53	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28941	No
195	GOM_NL_2PRFIN20070912_231704_00000522061_00330_28941_5205.N1	12-SEP-2007 23:17:04	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28941	No
196	GOM_NL_2PRFIN20070912_232725_00000382061_00331_28942_5212.N1	12-SEP-2007 23:27:25	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28942	No
197	GOM_NL_2PRFIN20070912_232849_00000462061_00331_28942_5213.N1	12-SEP-2007 23:28:49	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28942	No
198	GOM_NL_2PRFIN20070912_233437_00000542061_00331_28942_5214.N1	12-SEP-2007 23:34:37	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28942	No
199	GOM_NL_2PRFIN20070912_234001_00000452061_00331_28942_5215.N1	12-SEP-2007 23:40:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28942	No
200	GOM_NL_2PRFIN20070912_235340_00000412061_00331_28942_5216.N1	12-SEP-2007 23:53:40	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28942	No
201	GOM_NL_2PRFIN20070912_235754_00000382061_00331_28942_5217.N1	12-SEP-2007 23:57:54	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28942	No

3. Quality information per product

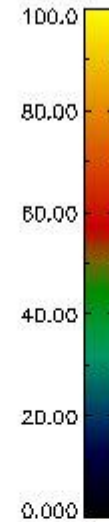
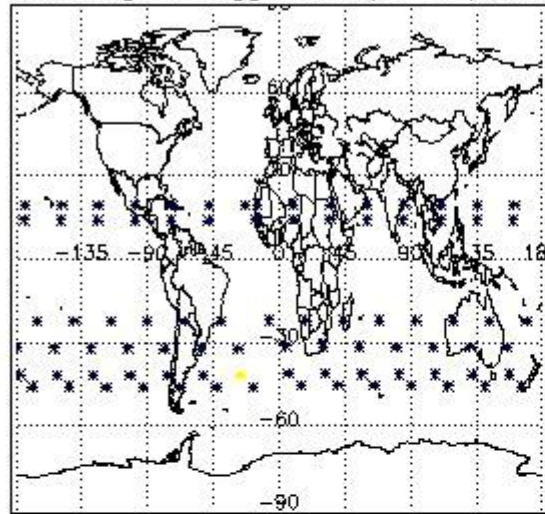
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

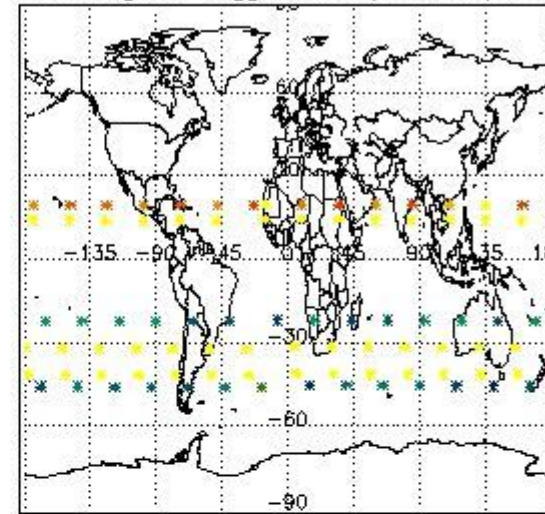


3.2 Plot quality information per product (world map)

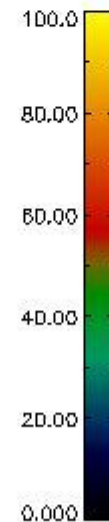
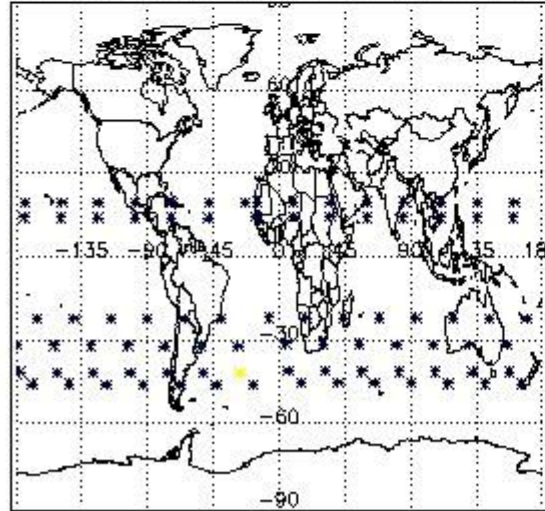
Percentage of flagged data per O3 profile



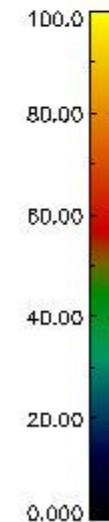
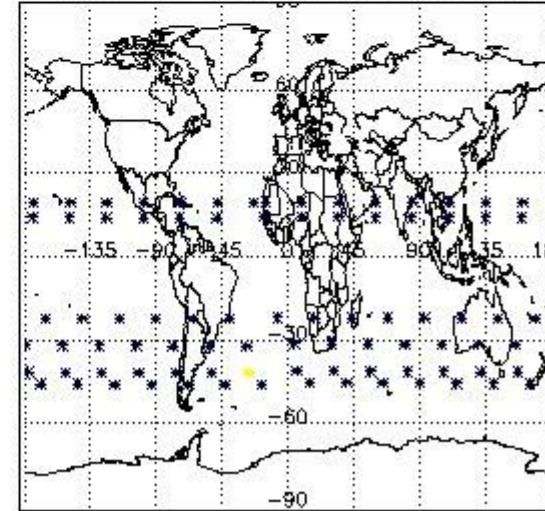
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

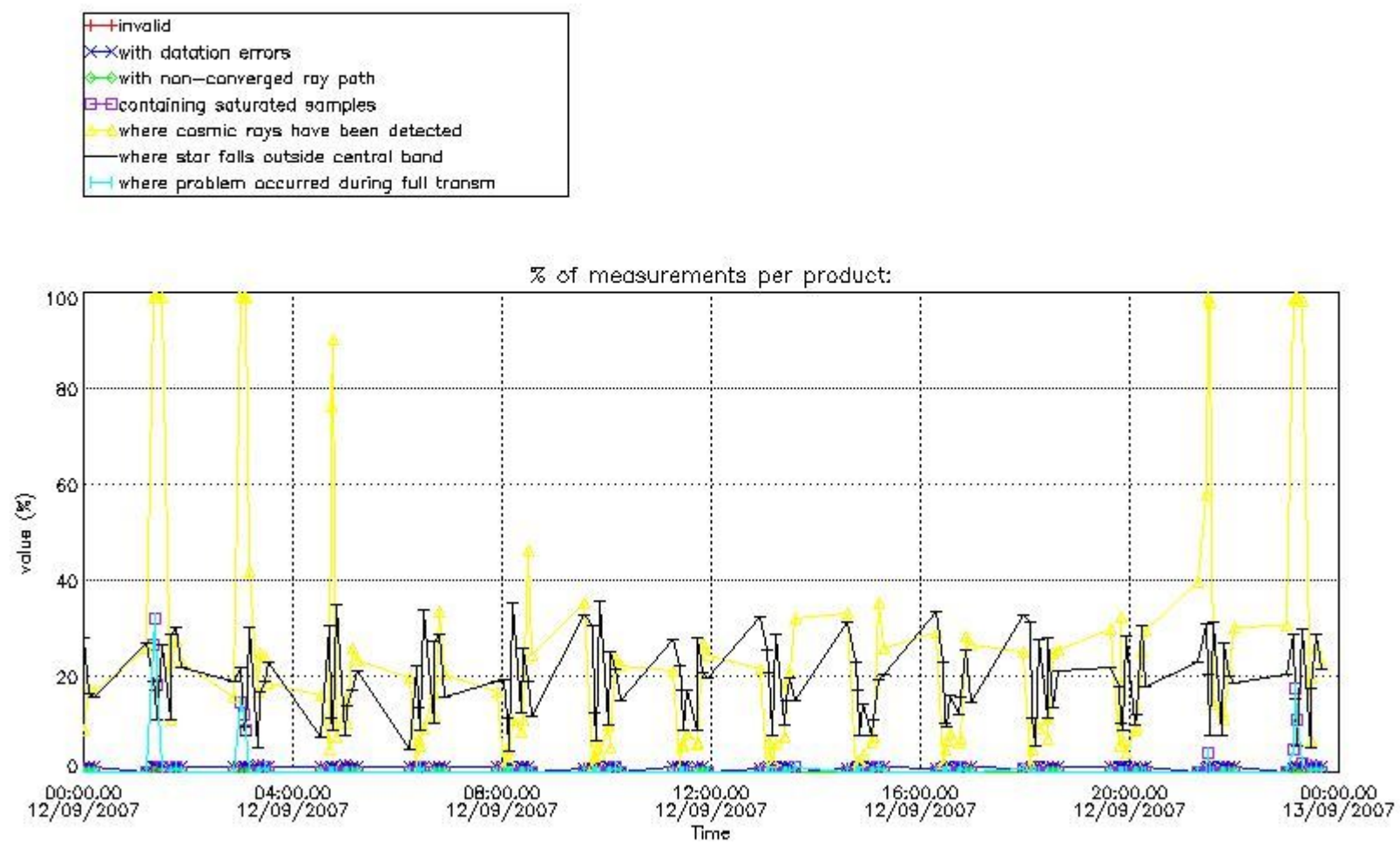


4. Level 1 quality information per product

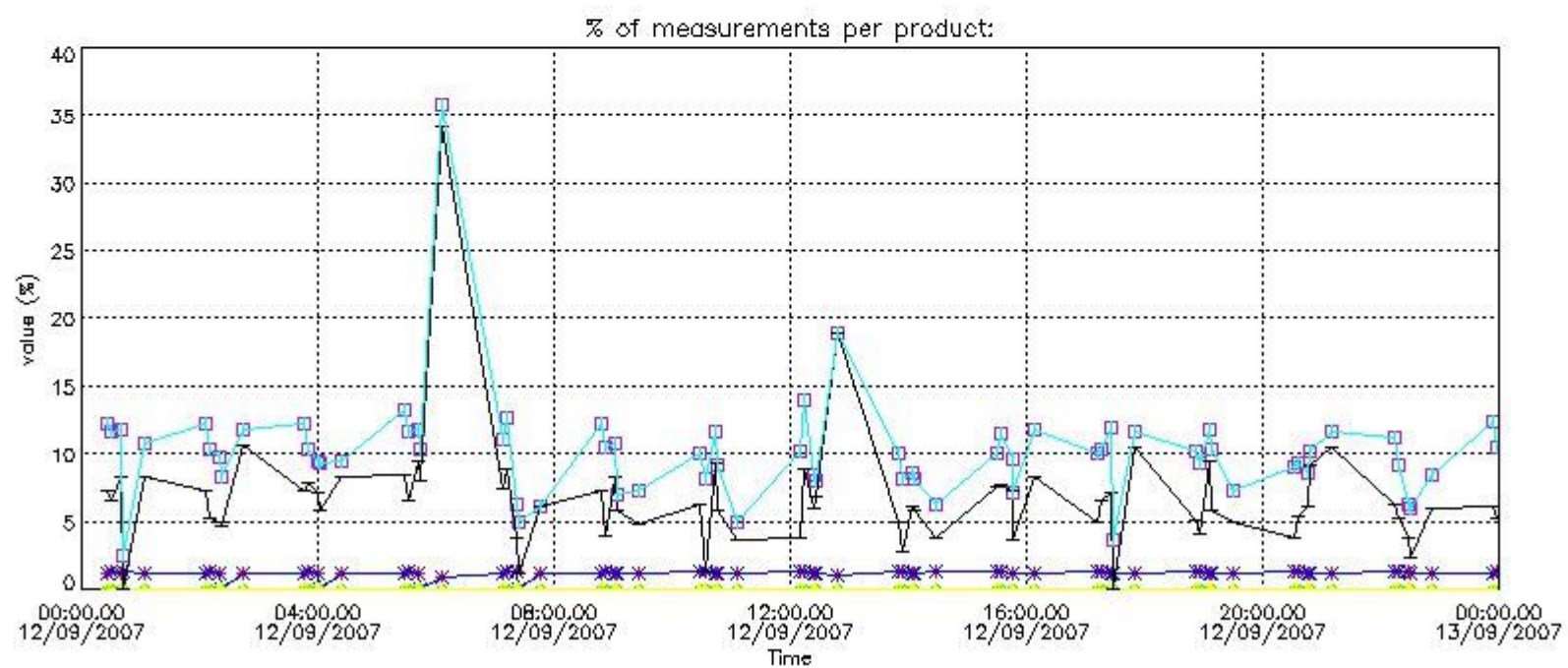
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

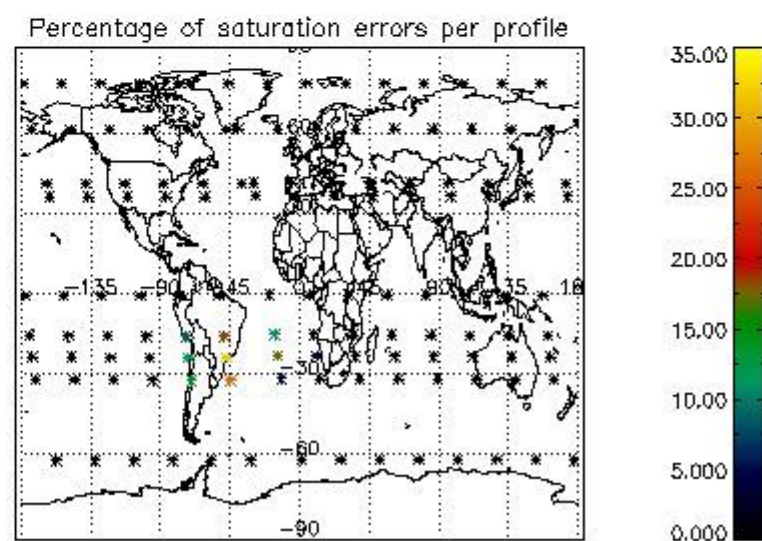
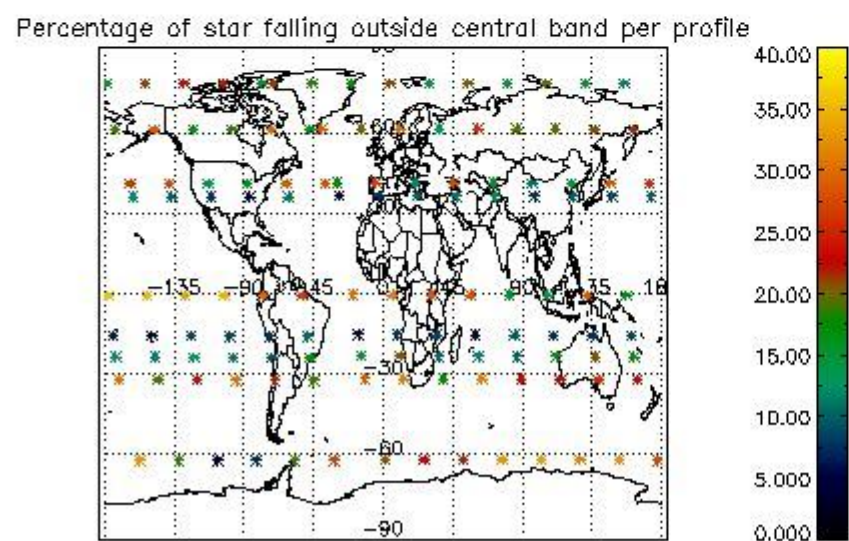
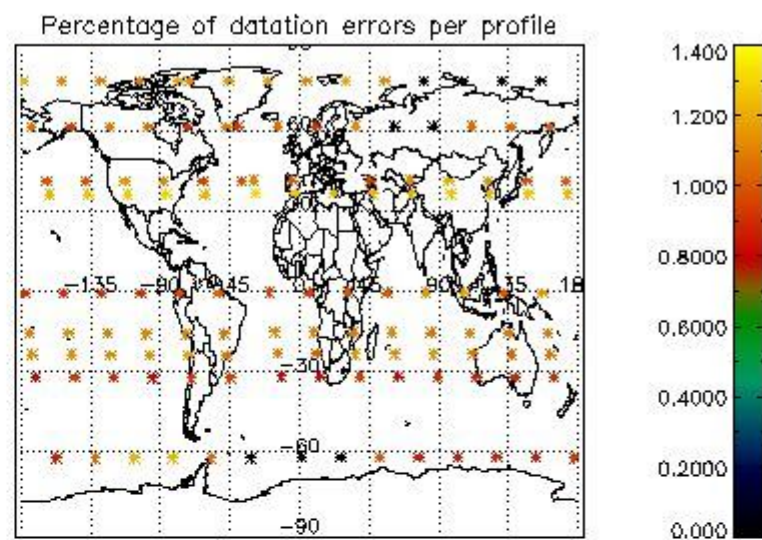
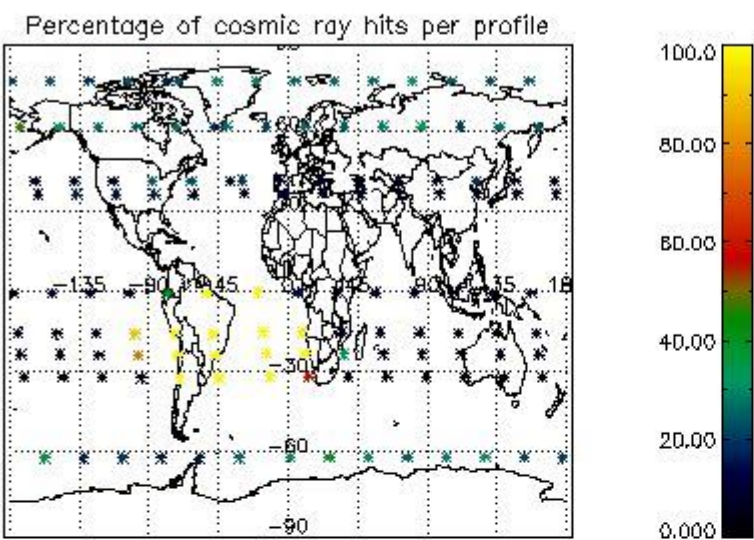


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

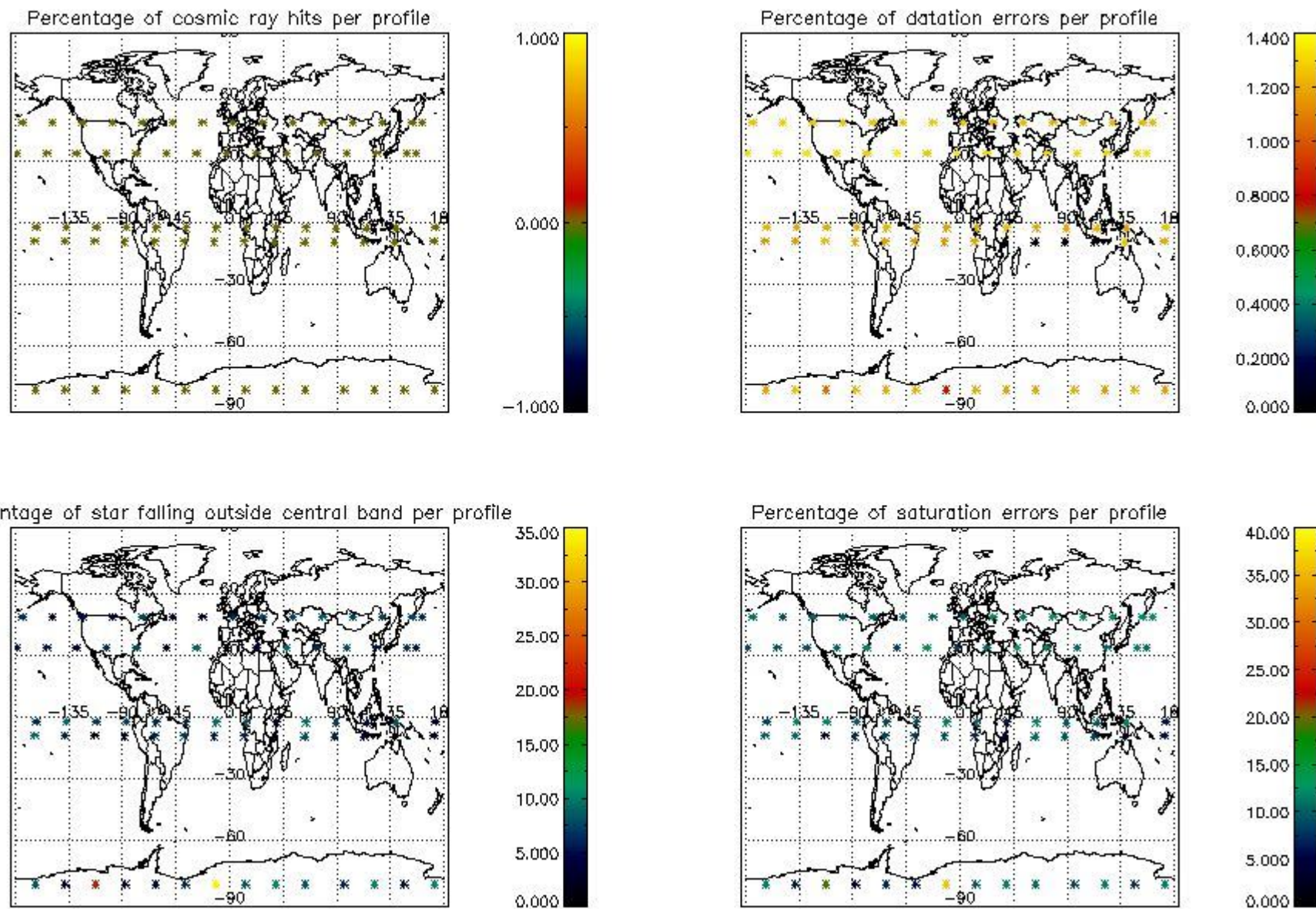


4.2 Plot quality information per product coming from level 1b processing (world map)

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

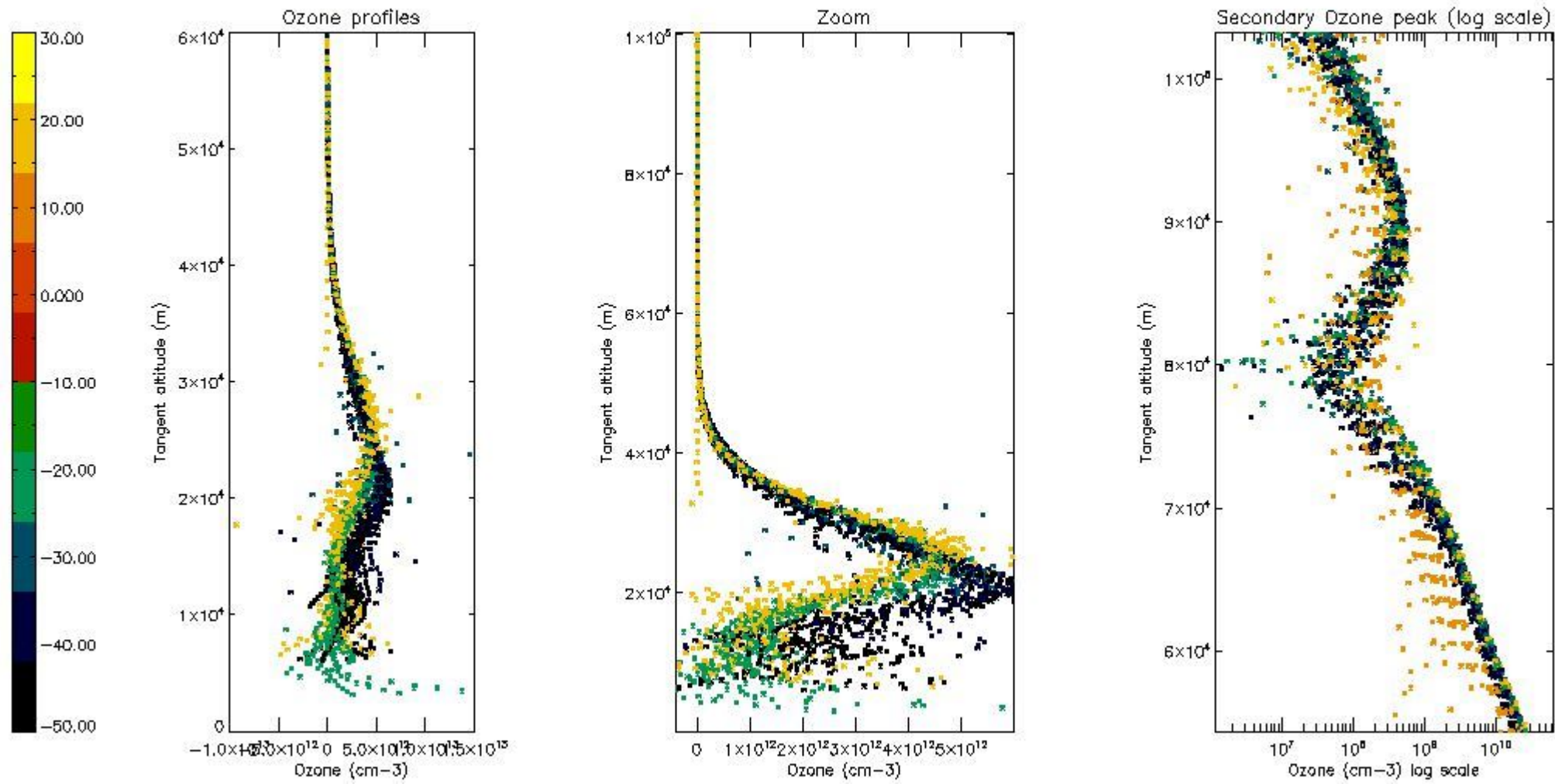
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	26
STD < 5	20

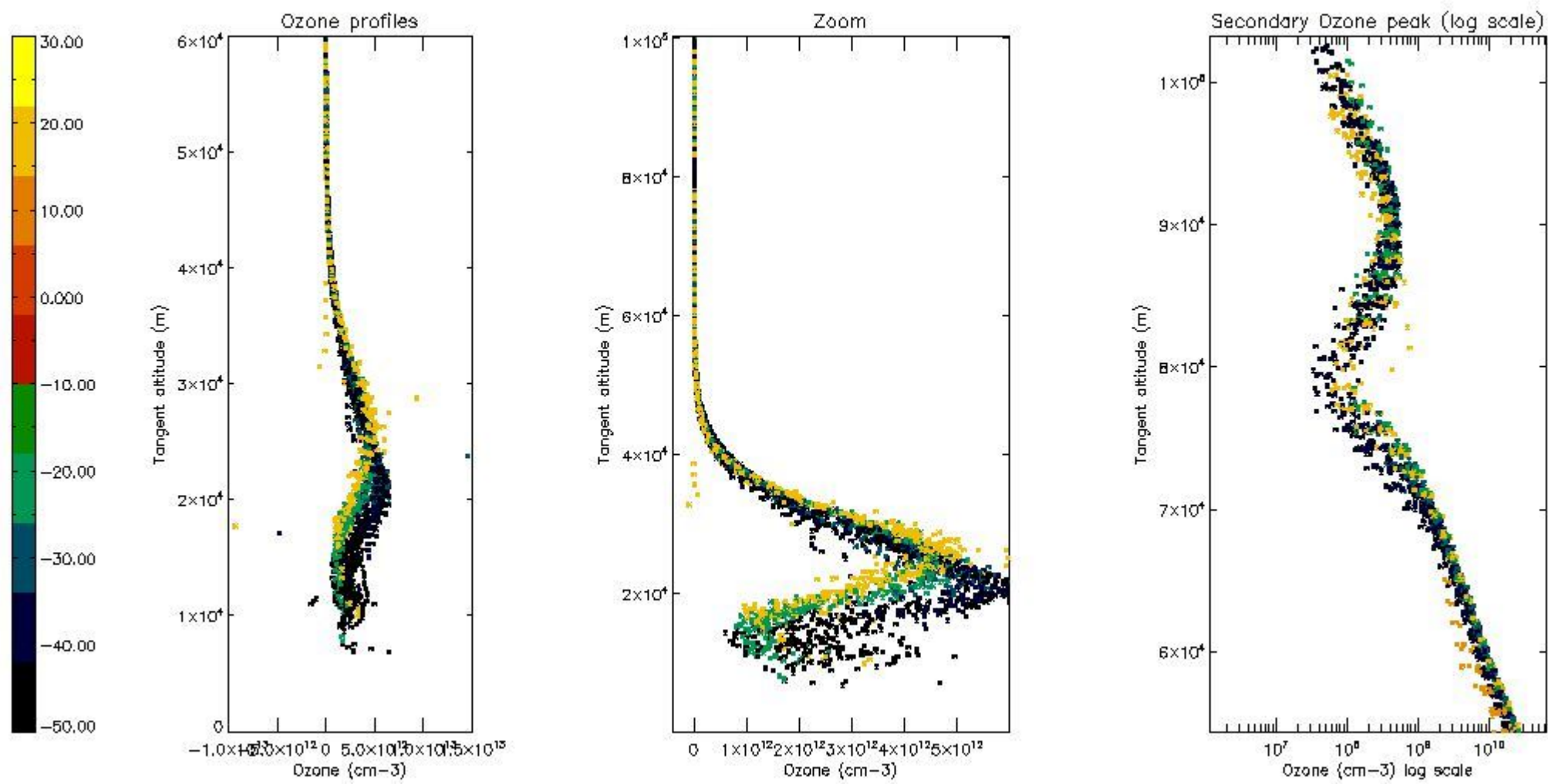
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



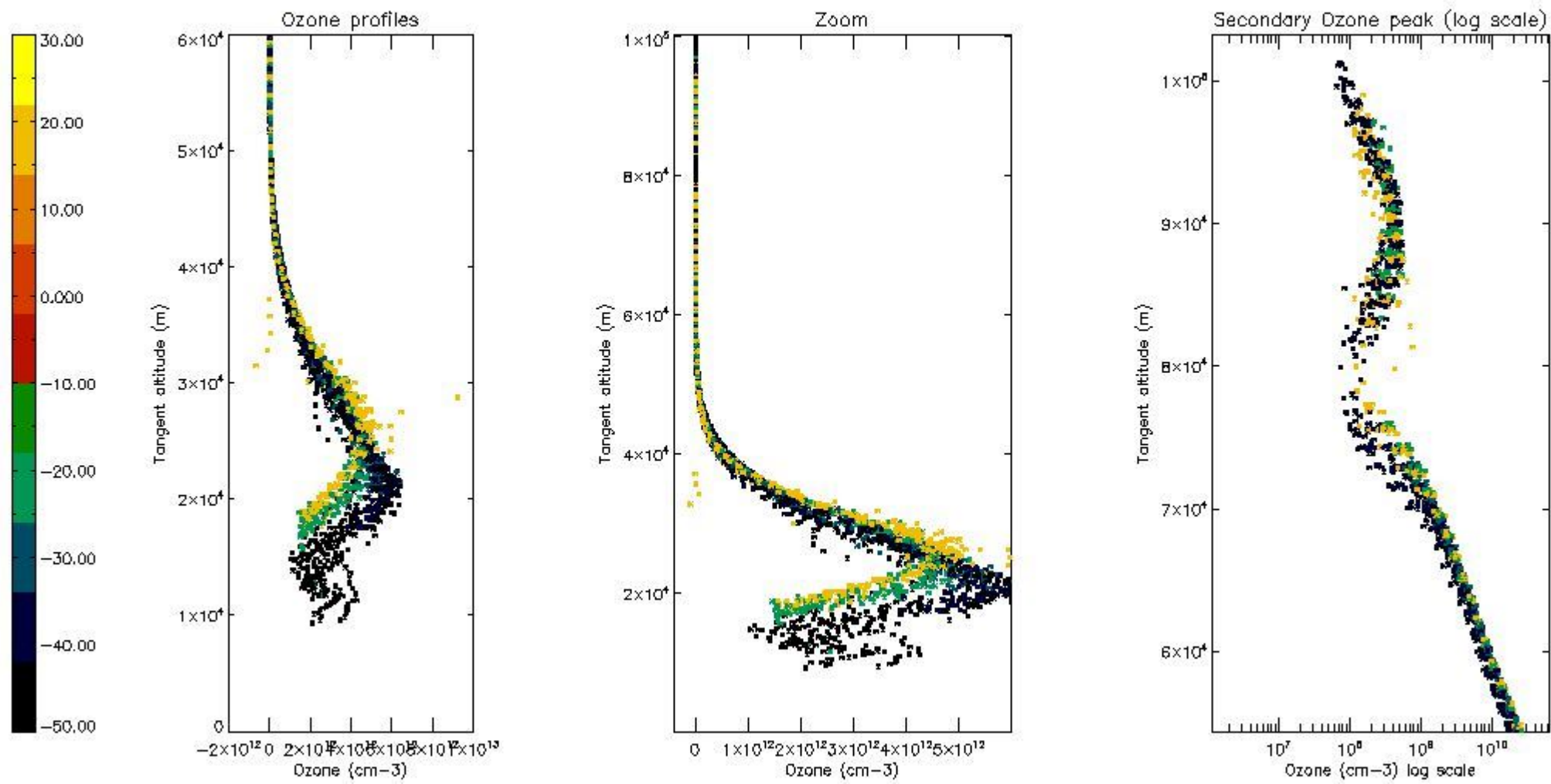
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



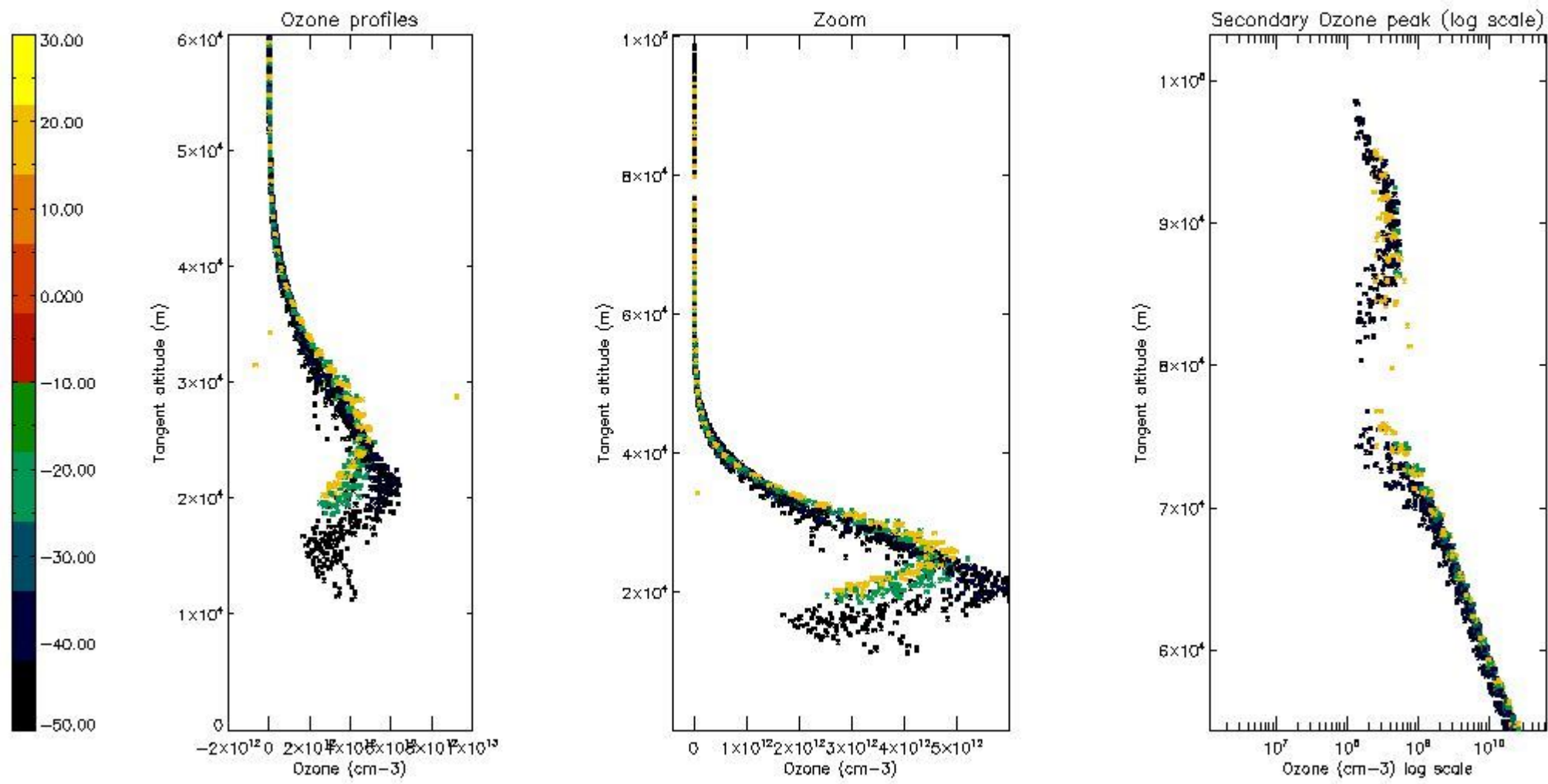
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



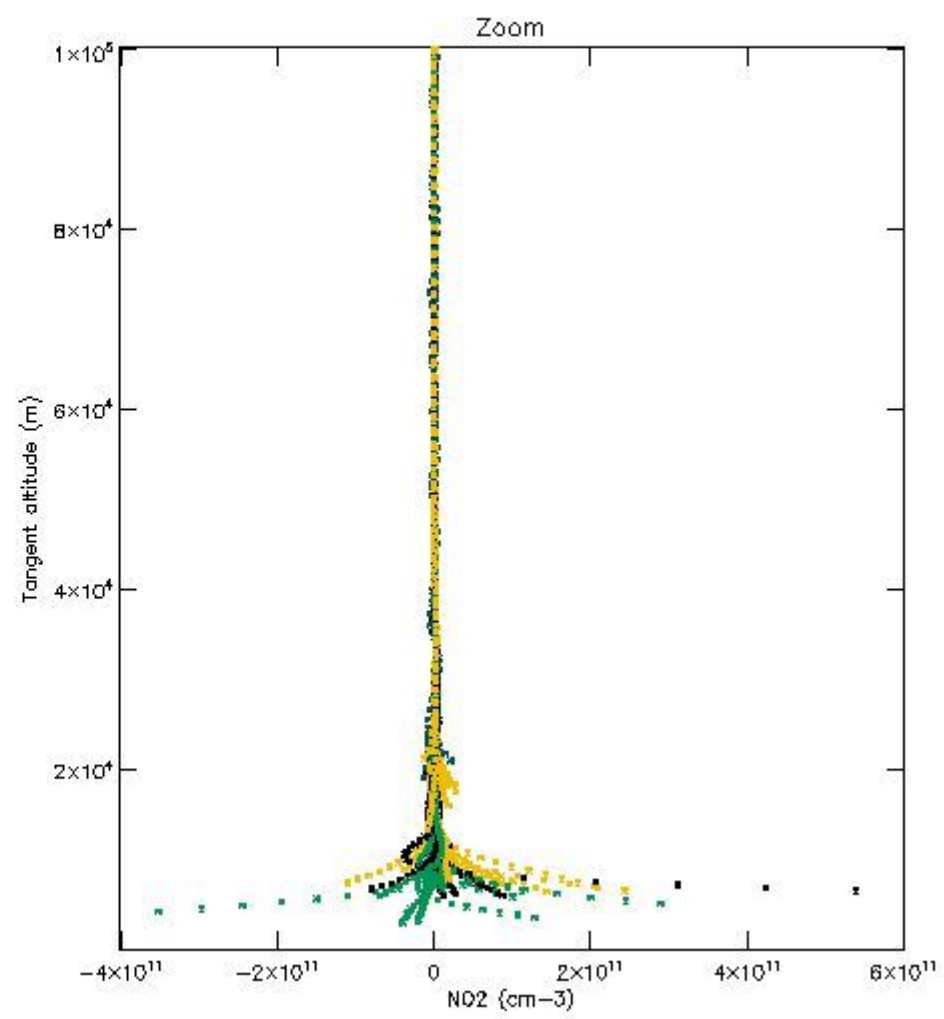
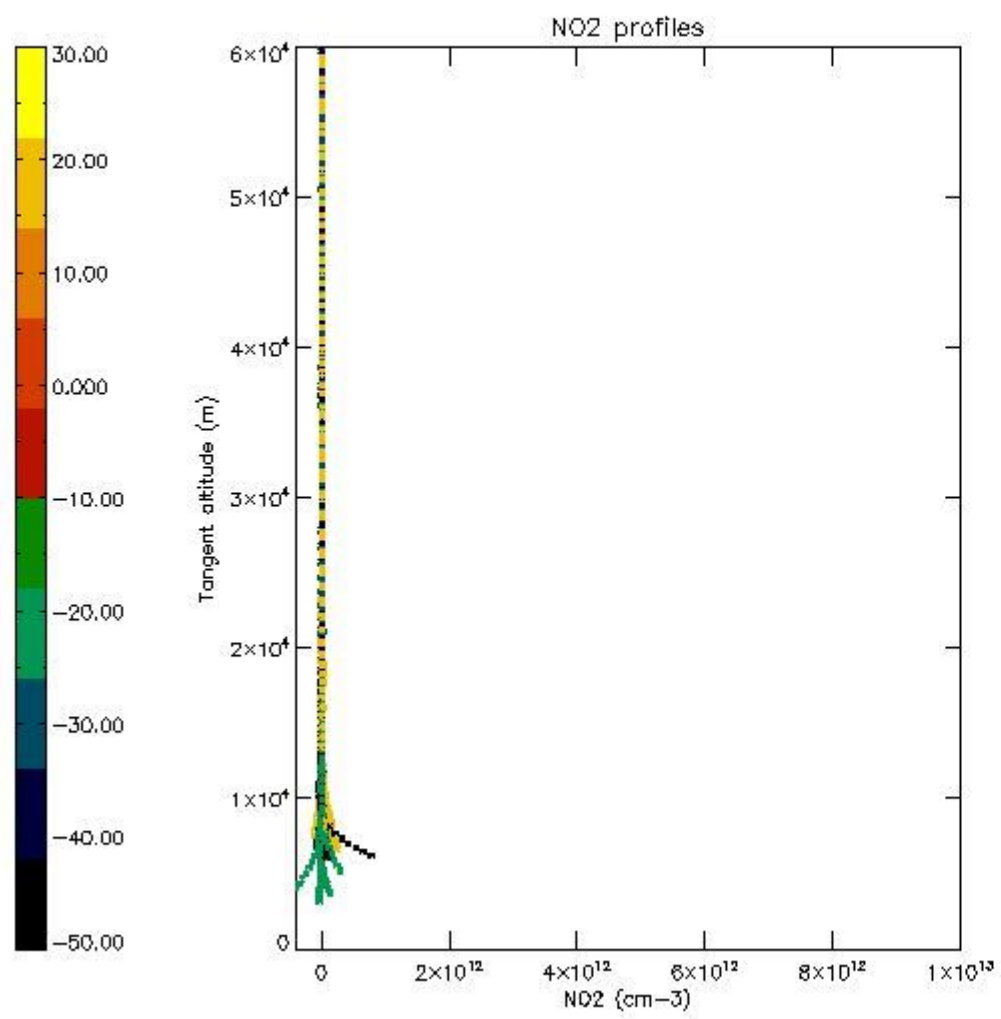
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



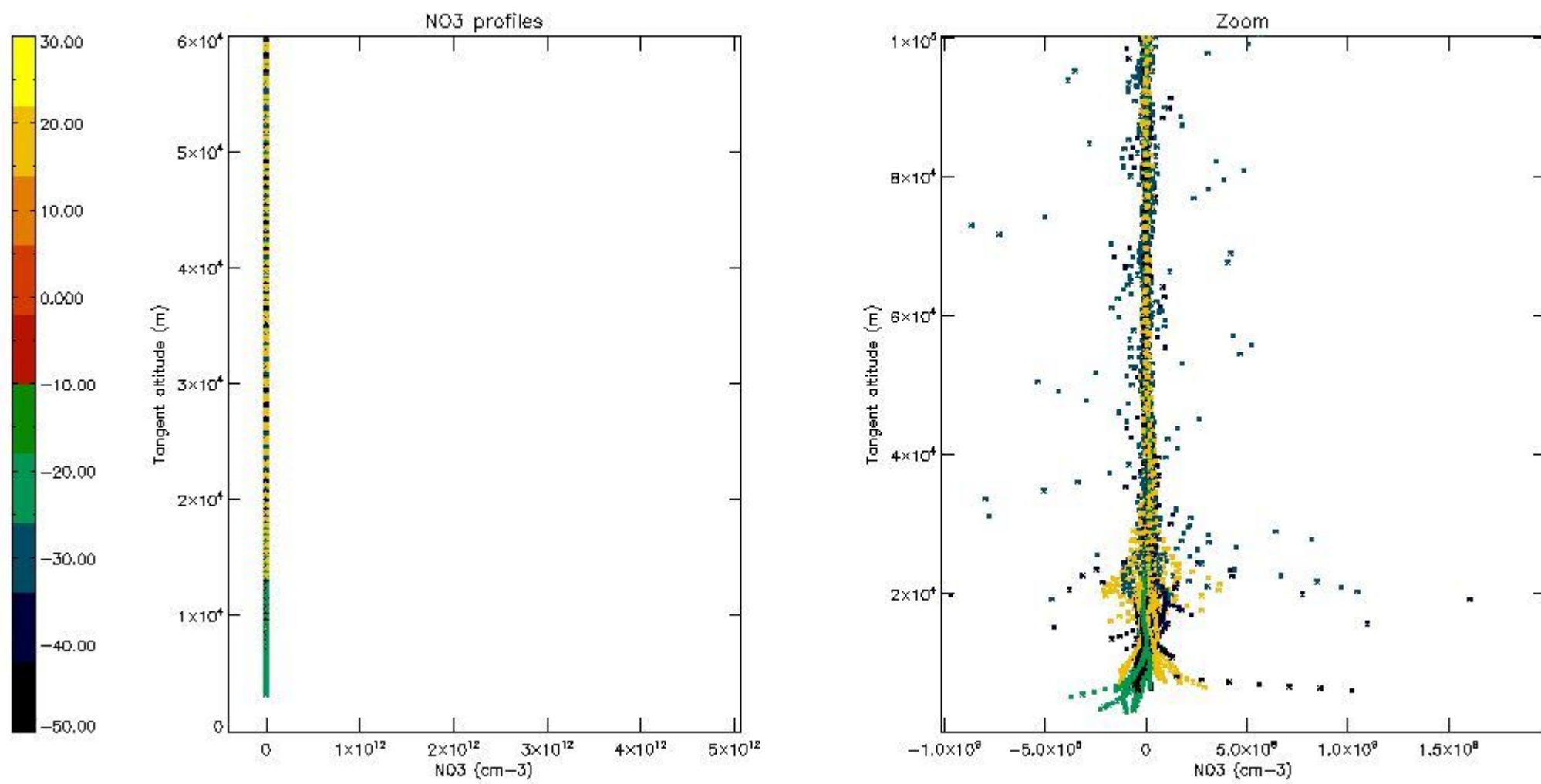
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



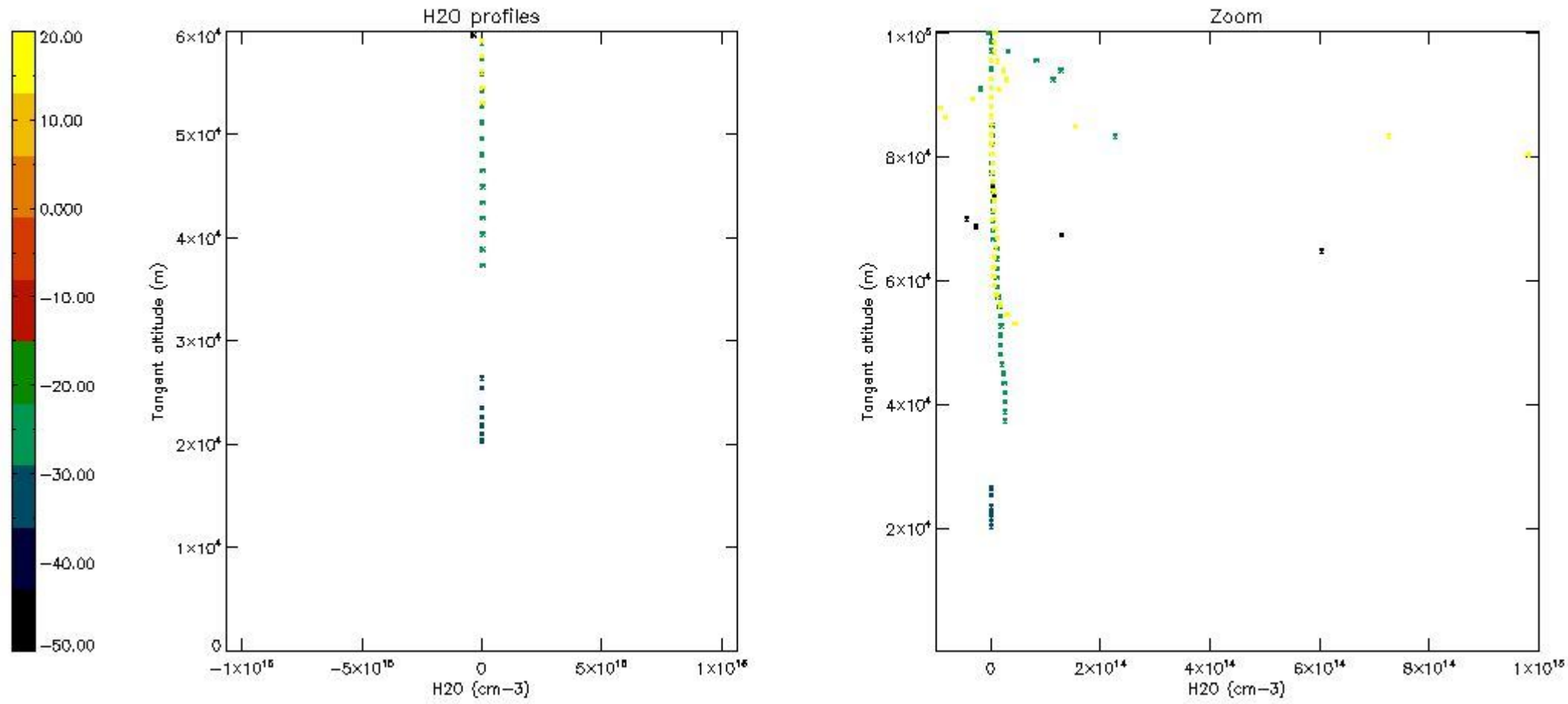
5.7 Plot NO3 profiles for all STD (dark without errors)

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	12-SEP-2007 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-SEP-2007 00:00:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-SEP-2007 00:00:18

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[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 \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

[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](#)

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

[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	23APR2013 04:34:34
Data source version	GOMOS/6.01
Start time of products	12-09-2007 (12SEP2007 00:00:00)
Stop time of products	13-09-2007 (13SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

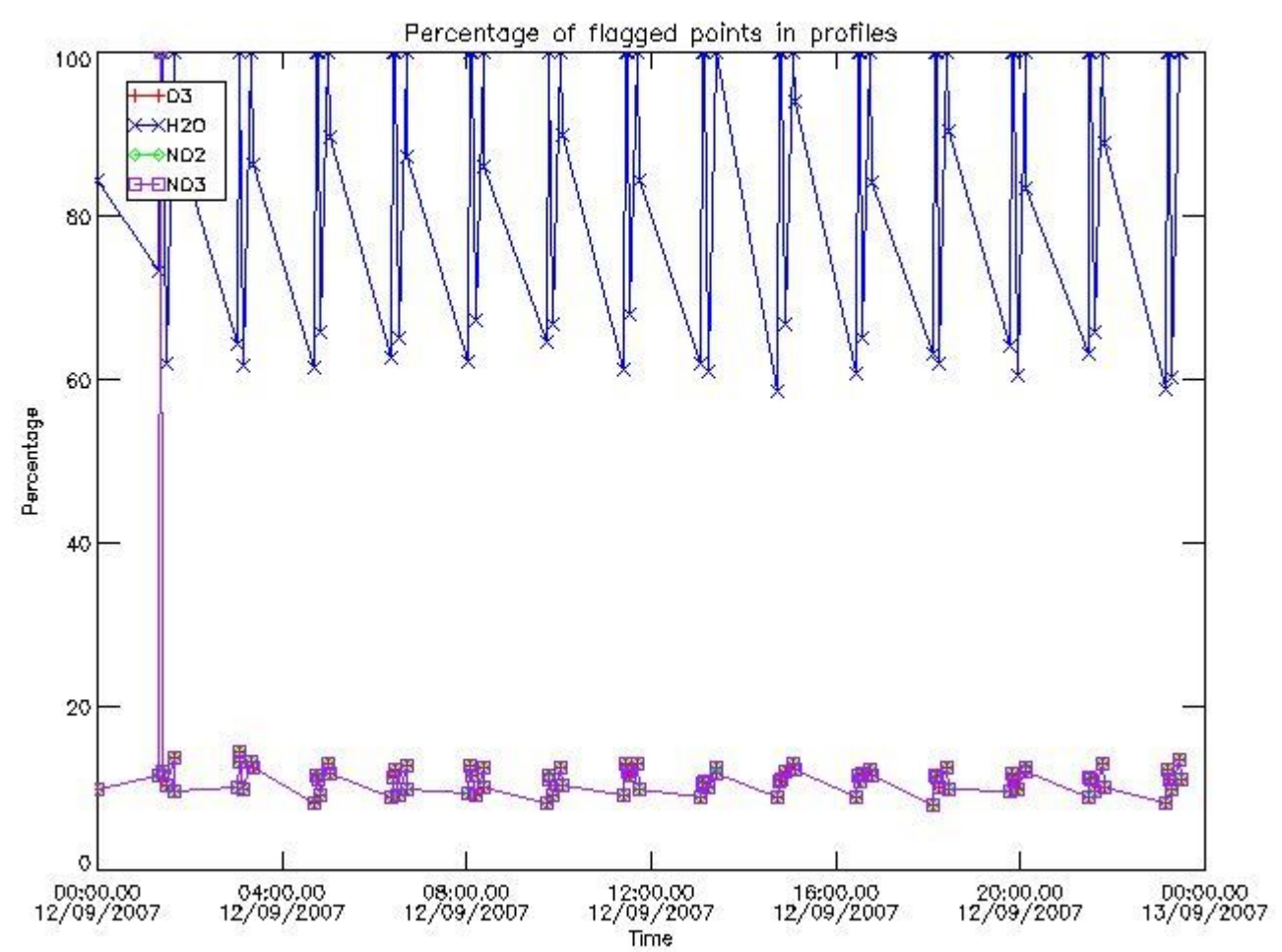
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070912_000018_00000522061_00317_28928_4980.N1	12-SEP-2007 00:00:18	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28928	No
2	GOM_NL__2PRFIN20070912_000608_00000462061_00317_28928_4981.N1	12-SEP-2007 00:06:08	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28928	No
3	GOM_NL__2PRFIN20070912_001135_00000422061_00317_28928_4982.N1	12-SEP-2007 00:11:35	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	28928	No
4	GOM_NL__2PRFIN20070912_002521_00000412061_00317_28928_4983.N1	12-SEP-2007 00:25:21	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28928	No
5	GOM_NL__2PRFIN20070912_002935_00000392061_00317_28928_4984.N1	12-SEP-2007 00:29:35	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28928	No
6	GOM_NL__2PRFIN20070912_003945_00000432061_00317_28928_4985.N1	12-SEP-2007 00:39:45	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28928	No
7	GOM_NL__2PRFIN20070912_004140_00000402061_00317_28928_4986.N1	12-SEP-2007 00:41:40	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	28928	No
8	GOM_NL__2PRFIN20070912_010321_00000422061_00317_28928_4987.N1	12-SEP-2007 01:03:21	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28928	No
9	GOM_NL__2PRFIN20070912_011139_00000522061_00317_28928_4988.N1	12-SEP-2007 01:11:39	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	28928	No
10	GOM_NL__2PRFIN20070912_012016_00000532061_00317_28928_4989.N1	12-SEP-2007 01:20:16	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	28928	No
11	GOM_NL__2PRFIN20070912_012241_00000472061_00317_28928_4990.N1	12-SEP-2007 01:22:41	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28928	No
12	GOM_NL__2PRFIN20070912_012453_00000472061_00317_28928_4991.N1	12-SEP-2007 01:24:53	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	28928	No
13	GOM_NL__2PRFIN20070912_012909_00000492061_00317_28928_4992.N1	12-SEP-2007 01:29:09	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	28928	No
14	GOM_NL__2PRFIN20070912_013931_00000412061_00318_28929_4993.N1	12-SEP-2007 01:39:31	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28929	No
15	GOM_NL__2PRFIN20070912_014055_00000532061_00318_28929_4994.N1	12-SEP-2007 01:40:55	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28929	No
16	GOM_NL__2PRFIN20070912_014644_00000552061_00318_28929_4995.N1	12-SEP-2007 01:46:44	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	28929	No
17	GOM_NL__2PRFIN20070912_015211_00000462061_00318_28929_4996.N1	12-SEP-2007 01:52:11	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28929	No
18	GOM_NL__2PRFIN20070912_020556_00000412061_00318_28929_4997.N1	12-SEP-2007 02:05:56	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28929	No
19	GOM_NL__2PRFIN20070912_021010_00000392061_00318_28929_4998.N1	12-SEP-2007 02:10:10	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28929	No
20	GOM_NL__2PRFIN20070912_022021_00000412061_00318_28929_4999.N1	12-SEP-2007 02:20:21	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28929	No
21	GOM_NL__2PRFIN20070912_022215_00000432061_00318_28929_5000.N1	12-SEP-2007 02:22:15	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	28929	No
22	GOM_NL__2PRFIN20070912_024357_00000432061_00318_28929_5001.N1	12-SEP-2007 02:43:57	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	28929	No
23	GOM_NL__2PRFIN20070912_025216_00000482061_00318_28929_5002.N1	12-SEP-2007 02:52:16	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28929	No
24	GOM_NL__2PRFIN20070912_030052_00000552061_00318_28929_5003.N1	12-SEP-2007 03:00:52	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28929	No
25	GOM_NL__2PRFIN20070912_030317_00000422061_00318_28929_5004.N1	12-SEP-2007 03:03:17	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28929	No
26	GOM_NL__2PRFIN20070912_030530_00000462061_00318_28929_5005.N1	12-SEP-2007 03:05:30	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28929	No
27	GOM_NL__2PRFIN20070912_030946_00000522061_00318_28929_5006.N1	12-SEP-2007 03:09:46	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28929	No
28	GOM_NL__2PRFIN20070912_032008_00000392061_00319_28930_5007.N1	12-SEP-2007 03:20:08	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28930	No
29	GOM_NL__2PRFIN20070912_032131_00000452061_00319_28930_5008.N1	12-SEP-2007 03:21:31	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28930	No
30	GOM_NL__2PRFIN20070912_032721_00000482061_00319_28930_5009.N1	12-SEP-2007 03:27:21	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28930	No
31	GOM_NL__2PRFIN20070912_033247_00000462061_00319_28930_5010.N1	12-SEP-2007 03:32:47	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28930	No
32	GOM_NL__2PRFIN20070912_034632_00000412061_00319_28930_5011.N1	12-SEP-2007 03:46:32	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28930	No
33	GOM_NL__2PRFIN20070912_035046_00000392061_00319_28930_5012.N1	12-SEP-2007 03:50:46	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28930	No
34	GOM_NL__2PRFIN20070912_040056_00000422061_00319_28930_5013.N1	12-SEP-2007 04:00:56	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28930	No
35	GOM_NL__2PRFIN20070912_040251_00000432061_00319_28930_5014.N1	12-SEP-2007 04:02:51	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28930	No
36	GOM_NL__2PRFIN20070912_042433_00000422061_00319_28930_5015.N1	12-SEP-2007 04:24:33	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28930	No
37	GOM_NL__2PRFIN20070912_043252_00000412061_00319_28930_5016.N1	12-SEP-2007 04:32:52	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28930	No
38	GOM_NL__2PRFIN20070912_044129_00000632061_00319_28930_5017.N1	12-SEP-2007 04:41:29	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	28930	No
39	GOM_NL__2PRFIN20070912_044354_00000452061_00319_28930_5018.N1	12-SEP-2007 04:43:54	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28930	No
40	GOM_NL__2PRFIN20070912_044607_00000462061_00319_28930_5019.N1	12-SEP-2007 04:46:07	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28930	No
41	GOM_NL__2PRFIN20070912_045022_00000562061_00319_28930_5020.N1	12-SEP-2007 04:50:22	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28930	No
42	GOM_NL__2PRFIN20070912_050044_00000392061_00320_28931_5016.N1	12-SEP-2007 05:00:44	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28931	No

161	GOM_NL__2PRFIN20070912_190809_000000442061_00328_28939_5177.N1	12-SEP-2007 19:08:09	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28939	No
162	GOM_NL__2PRFIN20070912_192958_000000412061_00328_28939_5178.N1	12-SEP-2007 19:29:58	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28939	No
163	GOM_NL__2PRFIN20070912_193820_000000512061_00328_28939_5179.N1	12-SEP-2007 19:38:20	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	28939	No
164	GOM_NL__2PRFIN20070912_194701_000000542061_00328_28939_5180.N1	12-SEP-2007 19:47:01	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28939	No
165	GOM_NL__2PRFIN20070912_194924_000000442061_00328_28939_5181.N1	12-SEP-2007 19:49:24	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28939	No
166	GOM_NL__2PRFIN20070912_195139_000000472061_00328_28939_5182.N1	12-SEP-2007 19:51:39	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	28939	No
167	GOM_NL__2PRFIN20070912_195551_000000512061_00328_28939_5183.N1	12-SEP-2007 19:55:51	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	28939	No
168	GOM_NL__2PRFIN20070912_200612_000000412061_00329_28940_5182.N1	12-SEP-2007 20:06:12	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28940	No
169	GOM_NL__2PRFIN20070912_200736_000000422061_00329_28940_5183.N1	12-SEP-2007 20:07:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28940	No
170	GOM_NL__2PRFIN20070912_201324_000000562061_00329_28940_5184.N1	12-SEP-2007 20:13:24	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	28940	No
171	GOM_NL__2PRFIN20070912_201848_000000432061_00329_28940_5185.N1	12-SEP-2007 20:18:48	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	28940	No
172	GOM_NL__2PRFIN20070912_203229_000000392061_00329_28940_5186.N1	12-SEP-2007 20:32:29	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	28940	No
173	GOM_NL__2PRFIN20070912_203643_000000382061_00329_28940_5187.N1	12-SEP-2007 20:36:43	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	28940	No
174	GOM_NL__2PRFIN20070912_204650_000000412061_00329_28940_5188.N1	12-SEP-2007 20:46:50	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28940	No
175	GOM_NL__2PRFIN20070912_204844_000000442061_00329_28940_5189.N1	12-SEP-2007 20:48:44	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	28940	No
176	GOM_NL__2PRFIN20070912_211034_000000432061_00329_28940_5190.N1	12-SEP-2007 21:10:34	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28940	No
177	GOM_NL__2PRFIN20070912_211856_000000512061_00329_28940_5191.N1	12-SEP-2007 21:18:56	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	28940	No
178	GOM_NL__2PRFIN20070912_212738_000000632061_00329_28940_5192.N1	12-SEP-2007 21:27:38	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	28940	No
179	GOM_NL__2PRFIN20070912_213001_000000492061_00329_28940_5193.N1	12-SEP-2007 21:30:01	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	28940	No
180	GOM_NL__2PRFIN20070912_213216_000000462061_00329_28940_5194.N1	12-SEP-2007 21:32:16	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28940	No
181	GOM_NL__2PRFIN20070912_213627_000000532061_00329_28940_5195.N1	12-SEP-2007 21:36:27	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28940	No
182	GOM_NL__2PRFIN20070912_214648_000000402061_00330_28941_5192.N1	12-SEP-2007 21:46:48	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28941	No
183	GOM_NL__2PRFIN20070912_214812_000000512061_00330_28941_5193.N1	12-SEP-2007 21:48:12	Dark	50.500	9	Alp Eri	0.45300	24000.	101	28941	No
184	GOM_NL__2PRFIN20070912_215401_000000482061_00330_28941_5194.N1	12-SEP-2007 21:54:01	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	28941	No
185	GOM_NL__2PRFIN20070912_215925_000000432061_00330_28941_5195.N1	12-SEP-2007 21:59:25	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28941	No
186	GOM_NL__2PRFIN20070912_221304_000000402061_00330_28941_5196.N1	12-SEP-2007 22:13:04	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	28941	No
187	GOM_NL__2PRFIN20070912_221718_000000382061_00330_28941_5197.N1	12-SEP-2007 22:17:18	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28941	No
188	GOM_NL__2PRFIN20070912_222726_000000402061_00330_28941_5198.N1	12-SEP-2007 22:27:26	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	28941	No
189	GOM_NL__2PRFIN20070912_222919_000000422061_00330_28941_5199.N1	12-SEP-2007 22:29:19	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	28941	No
190	GOM_NL__2PRFIN20070912_225109_000000422061_00330_28941_5200.N1	12-SEP-2007 22:51:09	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28941	No
191	GOM_NL__2PRFIN20070912_225932_000000492061_00330_28941_5201.N1	12-SEP-2007 22:59:32	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28941	No
192	GOM_NL__2PRFIN20070912_230814_000000632061_00330_28941_5202.N1	12-SEP-2007 23:08:14	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	28941	No
193	GOM_NL__2PRFIN20070912_231038_000000462061_00330_28941_5203.N1	12-SEP-2007 23:10:38	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28941	No
194	GOM_NL__2PRFIN20070912_231253_000000462061_00330_28941_5204.N1	12-SEP-2007 23:12:53	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28941	No
195	GOM_NL__2PRFIN20070912_231704_000000522061_00330_28941_5205.N1	12-SEP-2007 23:17:04	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28941	No
196	GOM_NL__2PRFIN20070912_232725_000000382061_00331_28942_5212.N1	12-SEP-2007 23:27:25	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28942	No
197	GOM_NL__2PRFIN20070912_232849_000000462061_00331_28942_5213.N1	12-SEP-2007 23:28:49	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28942	No
198	GOM_NL__2PRFIN20070912_233437_000000542061_00331_28942_5214.N1	12-SEP-2007 23:34:37	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28942	No
199	GOM_NL__2PRFIN20070912_234001_000000452061_00331_28942_5215.N1	12-SEP-2007 23:40:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28942	No
200	GOM_NL__2PRFIN20070912_235340_000000412061_00331_28942_5216.N1	12-SEP-2007 23:53:40	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28942	No
201	GOM_NL__2PRFIN20070912_235754_000000382061_00331_28942_5217.N1	12-SEP-2007 23:57:54	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28942	No

3. Quality information per product

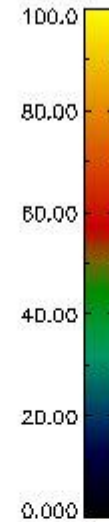
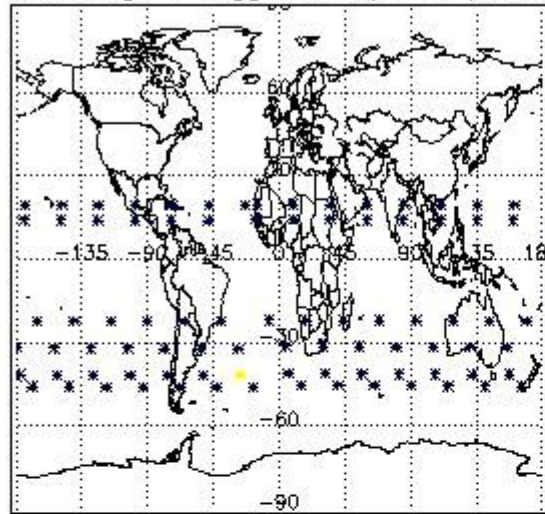
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

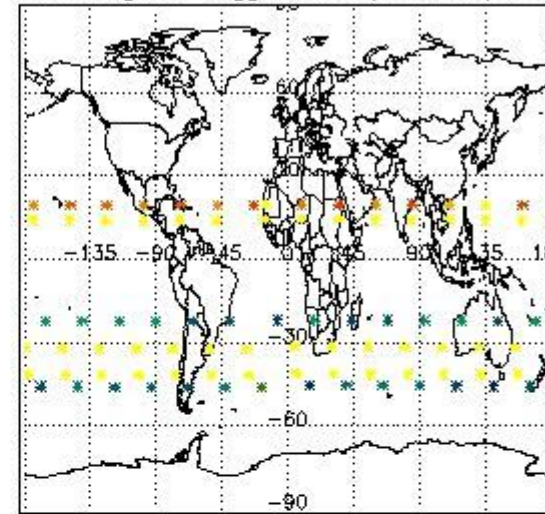


3.2 Plot quality information per product (world map)

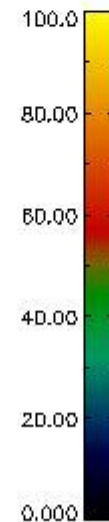
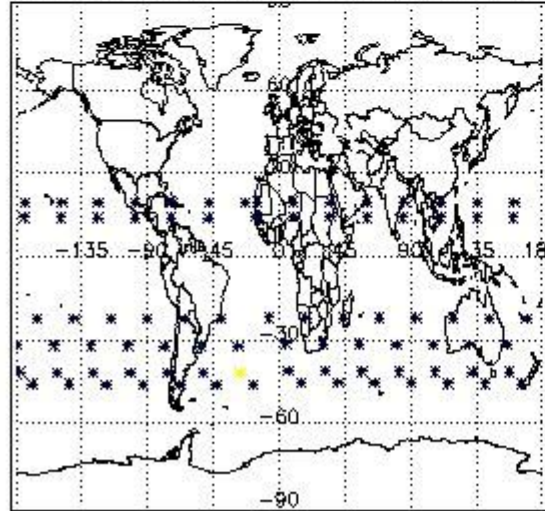
Percentage of flagged data per O3 profile



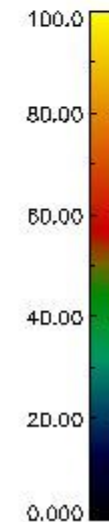
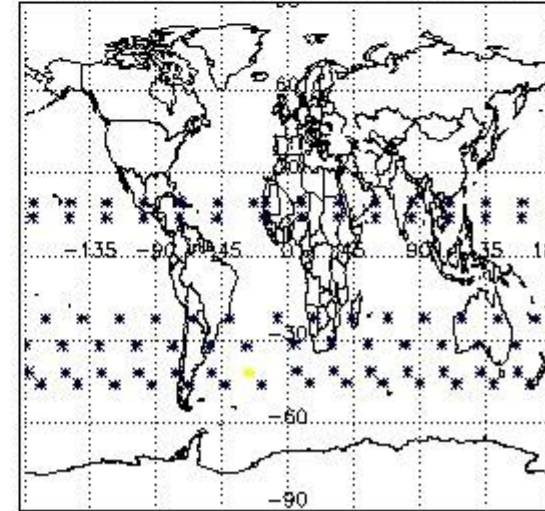
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

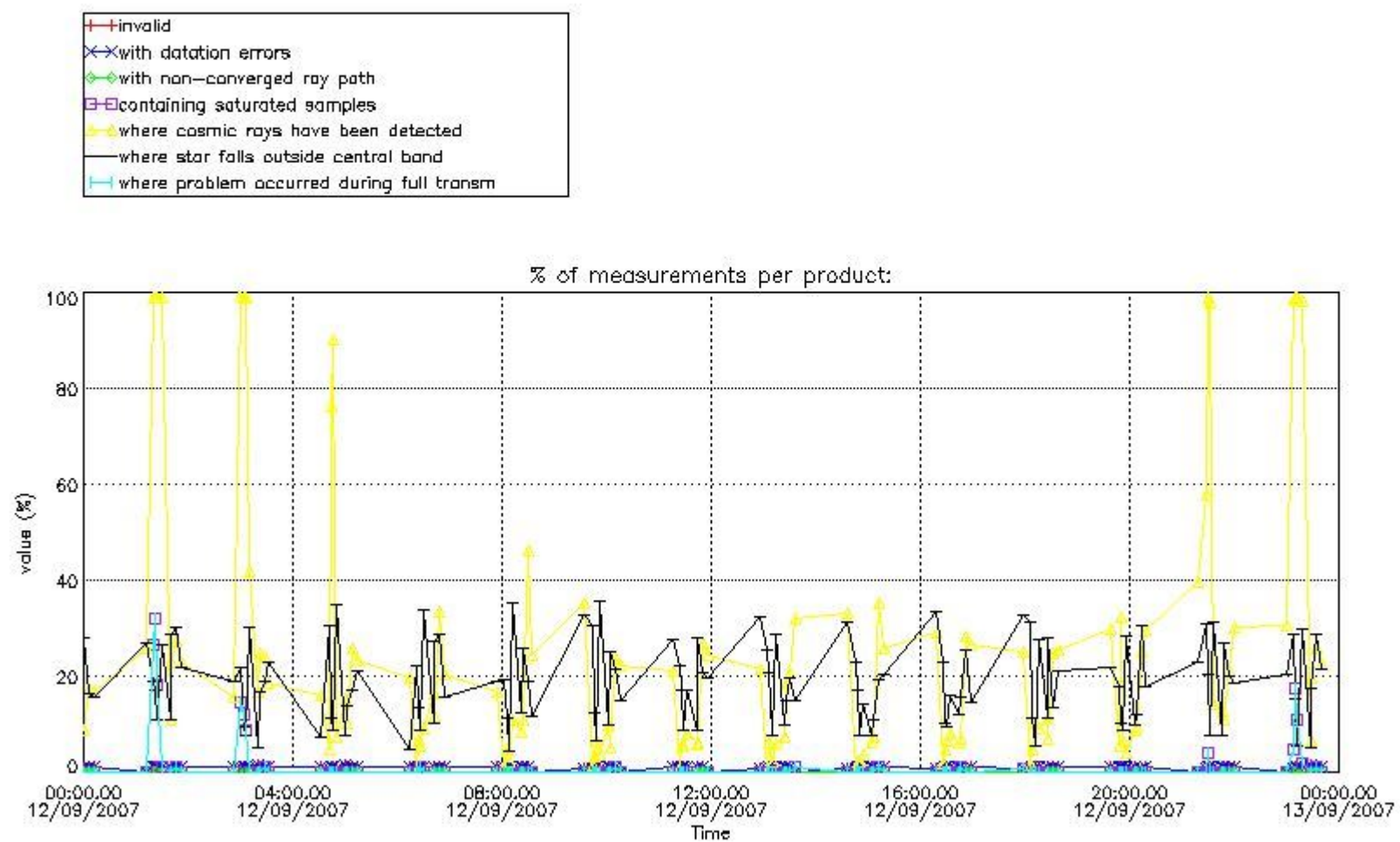


4. Level 1 quality information per product

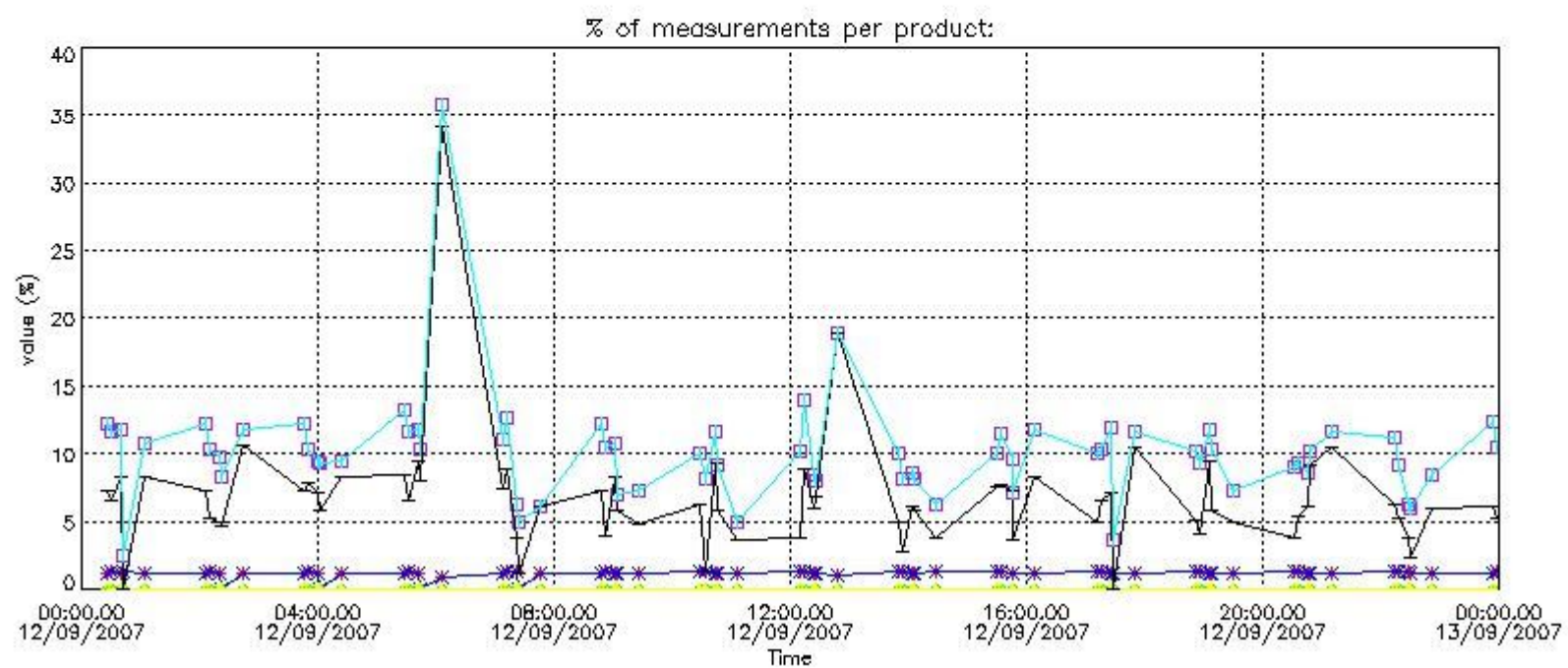
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

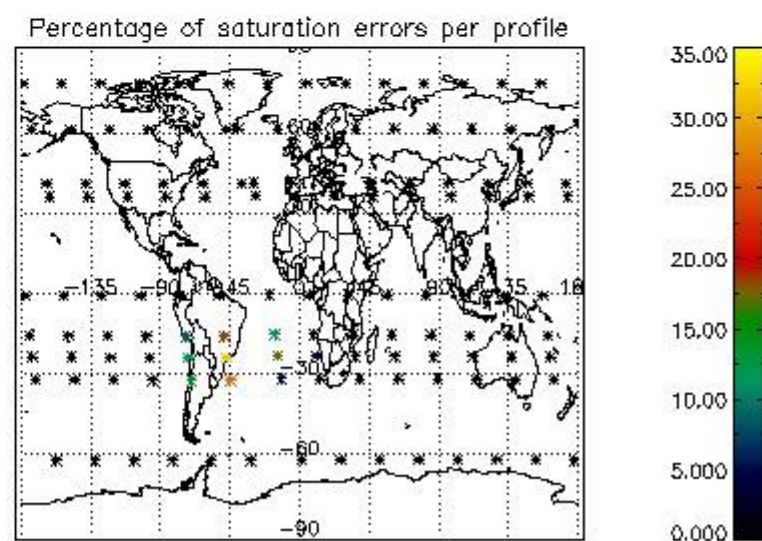
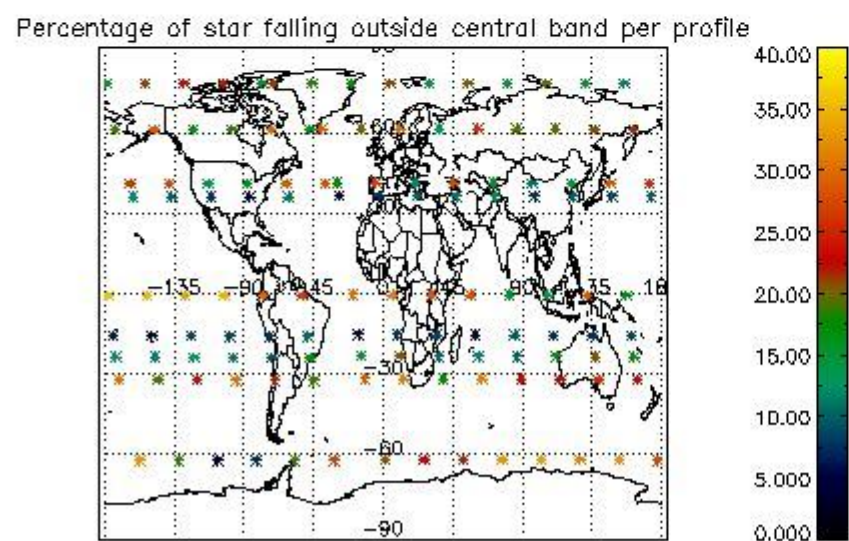
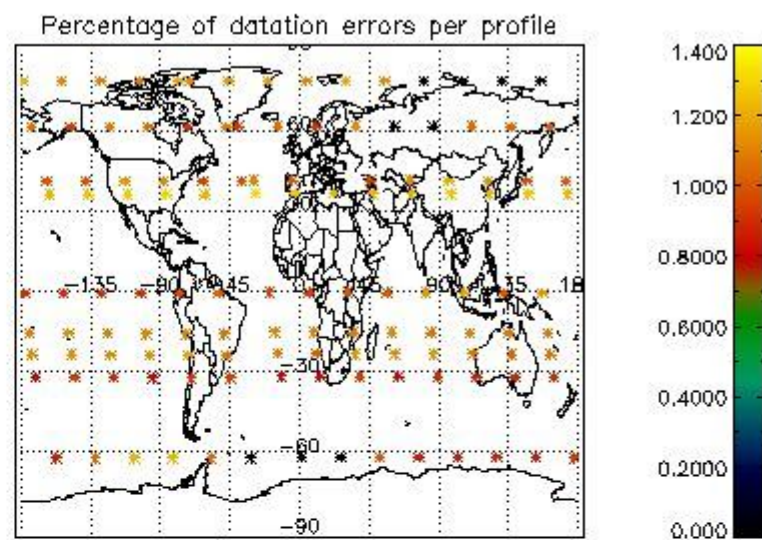
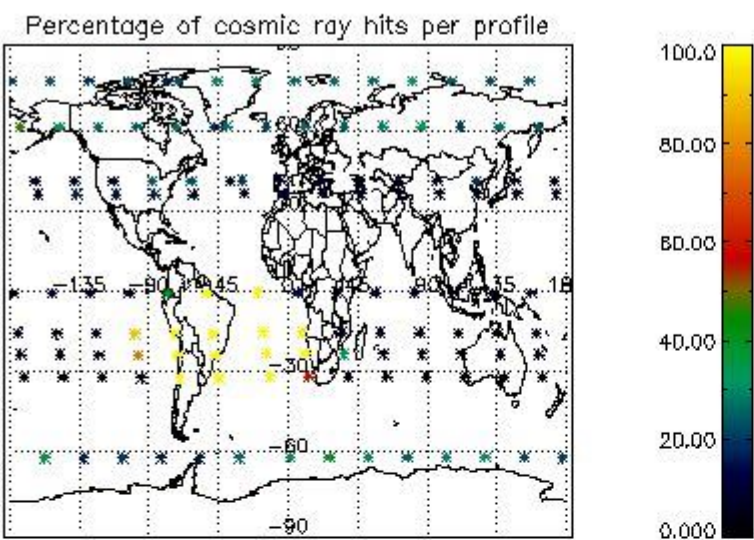


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

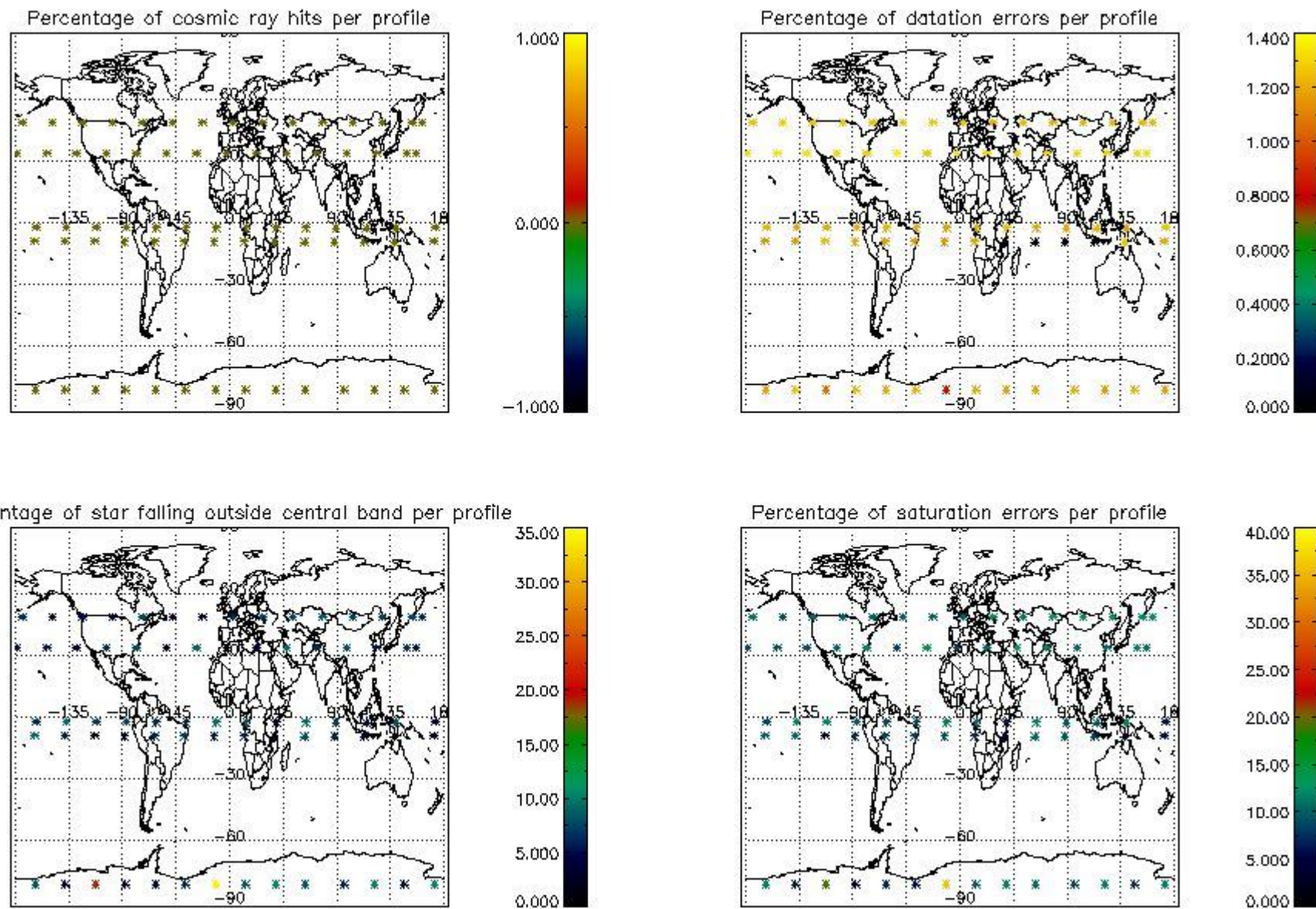


4.2 Plot quality information per product coming from level 1b processing (world map)

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

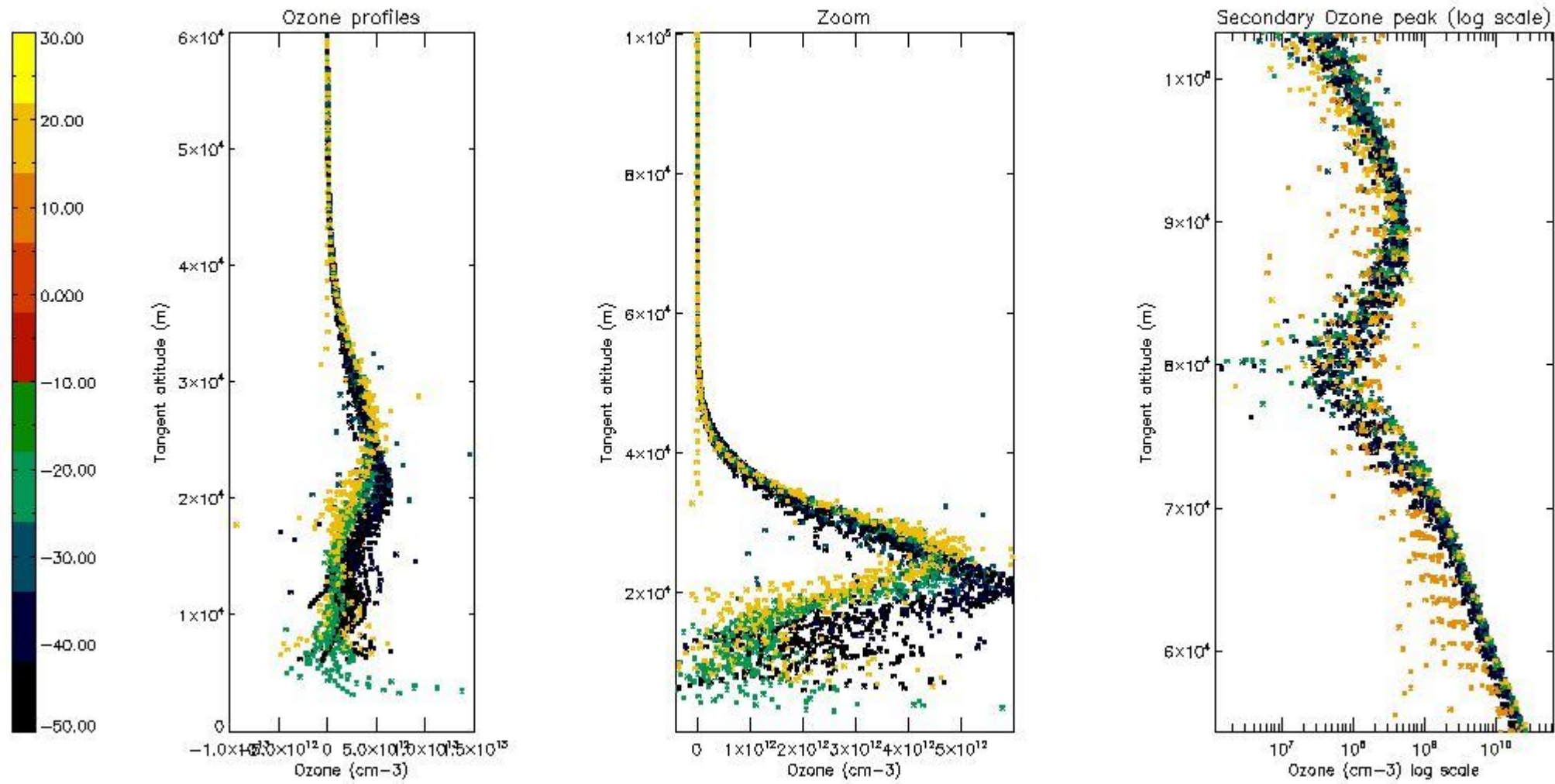
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	26
STD < 5	20

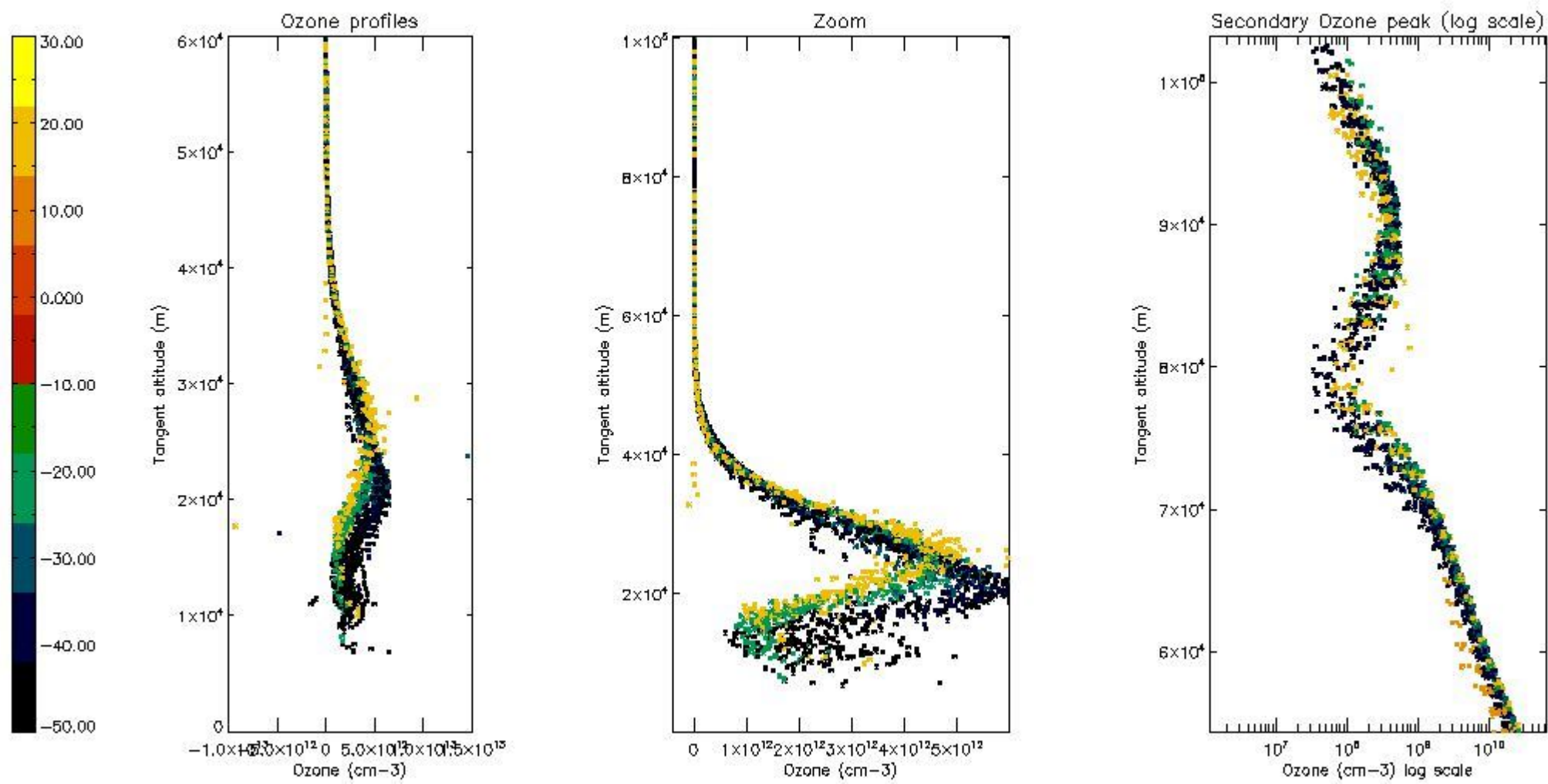
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



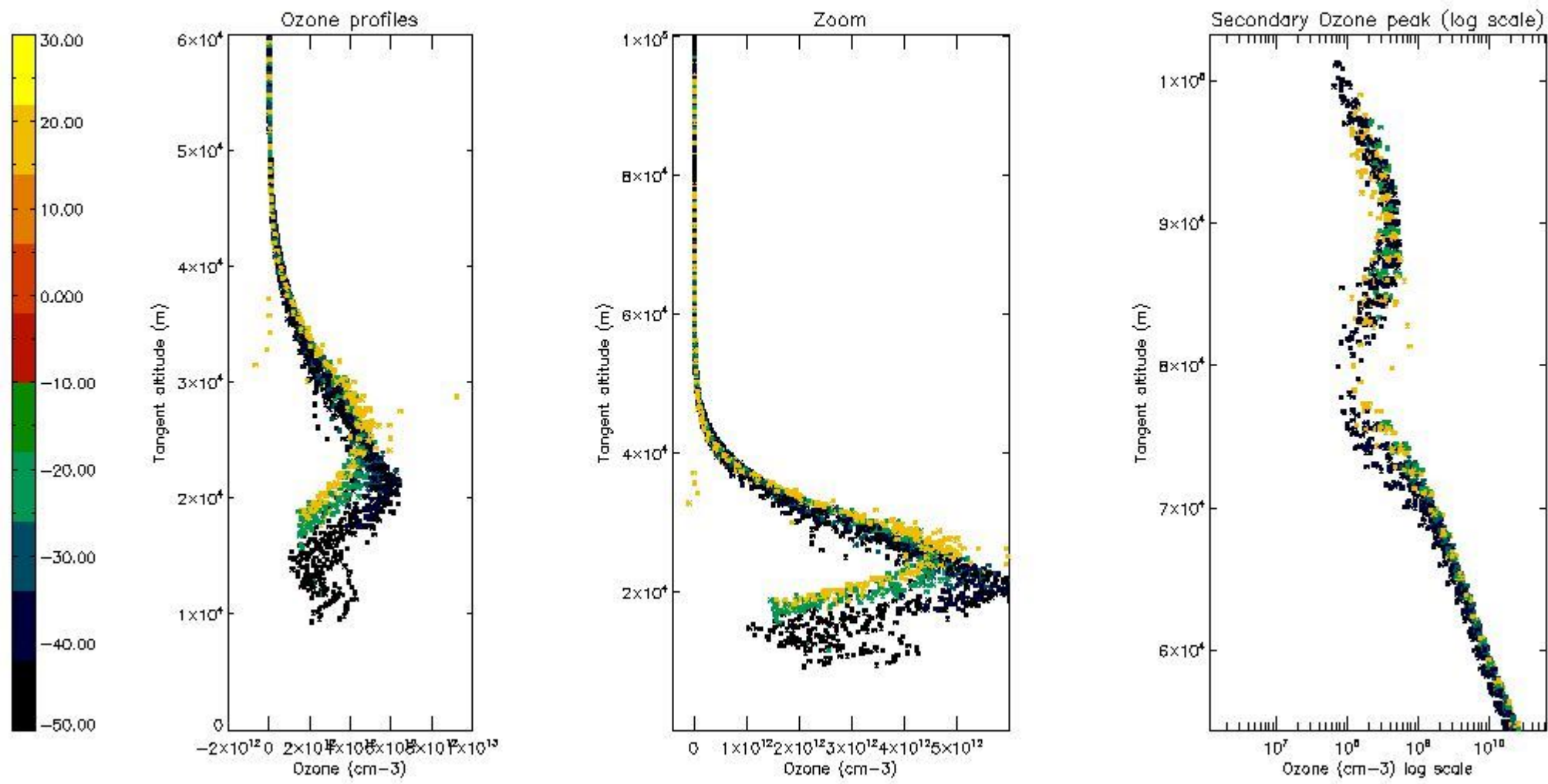
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



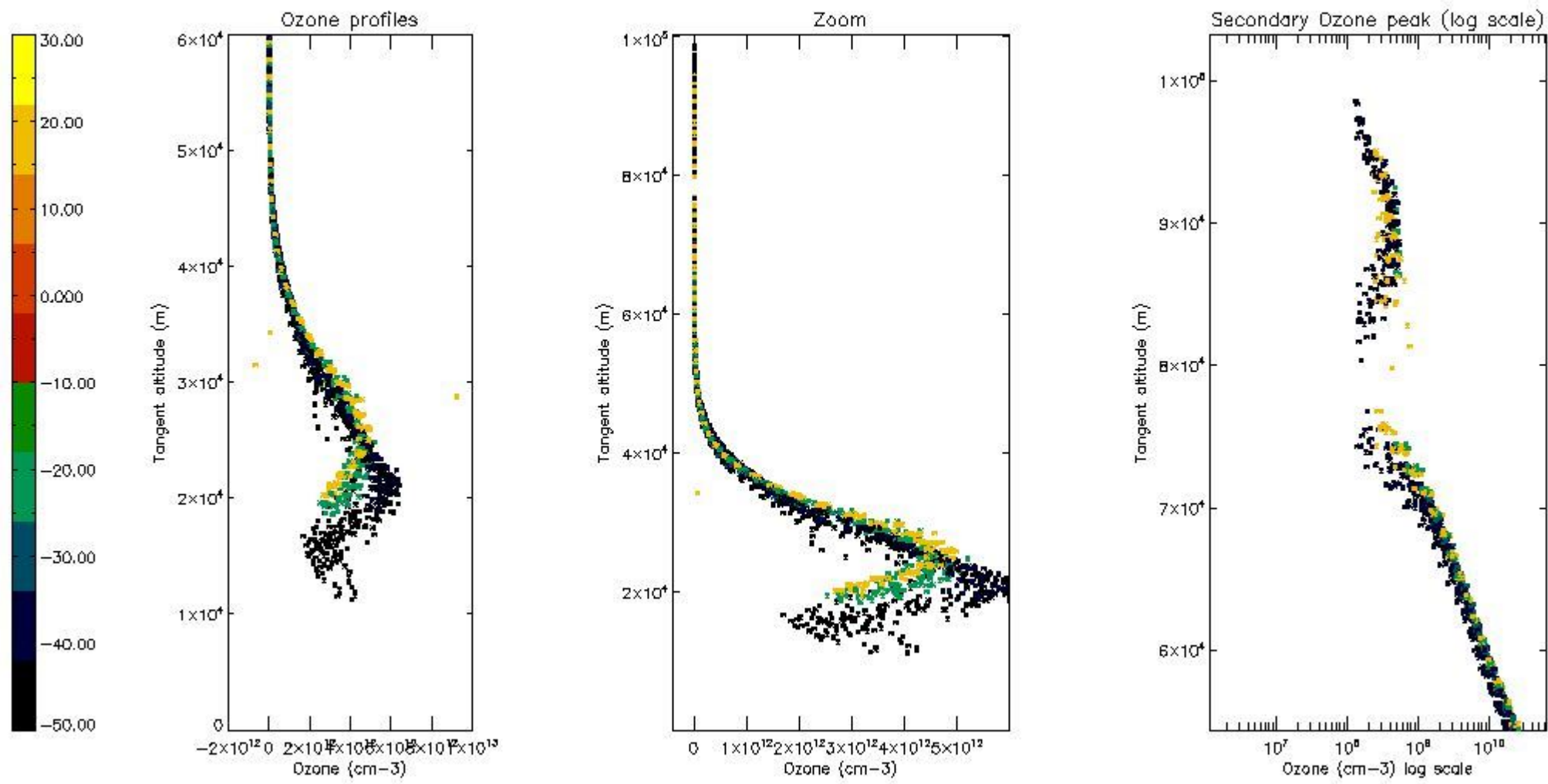
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



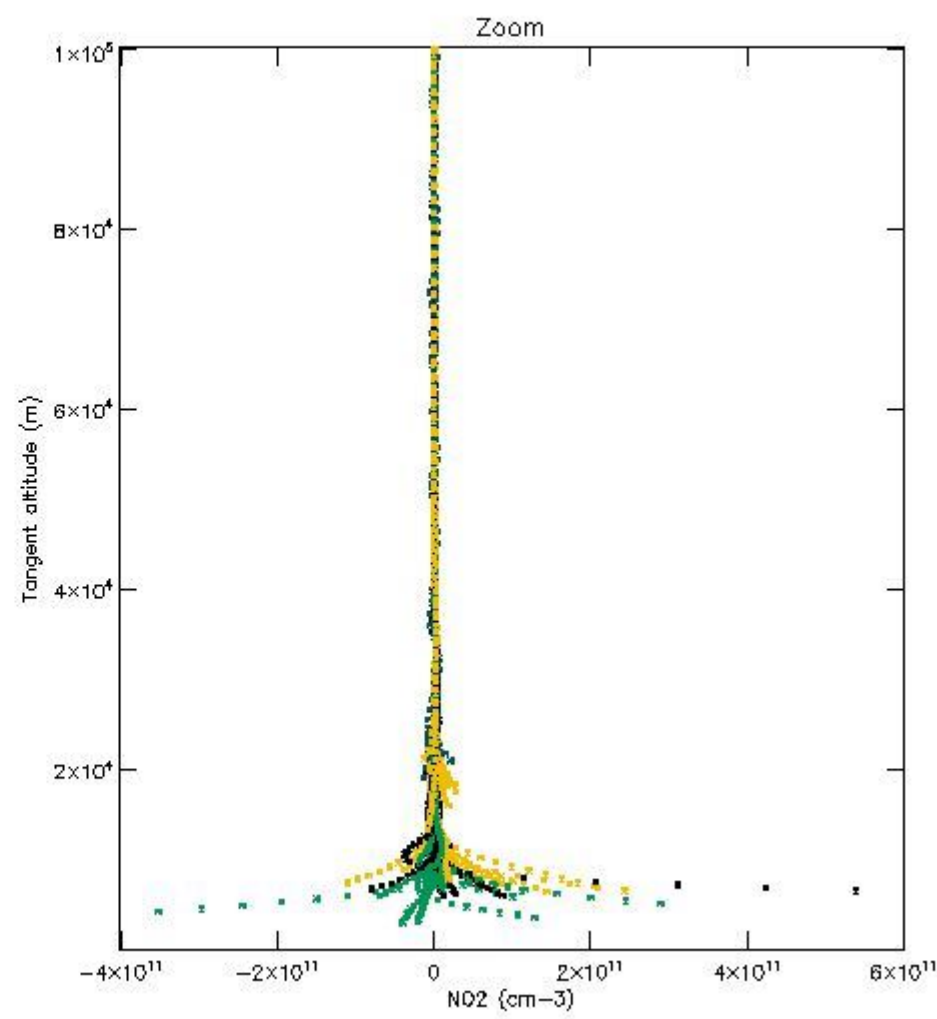
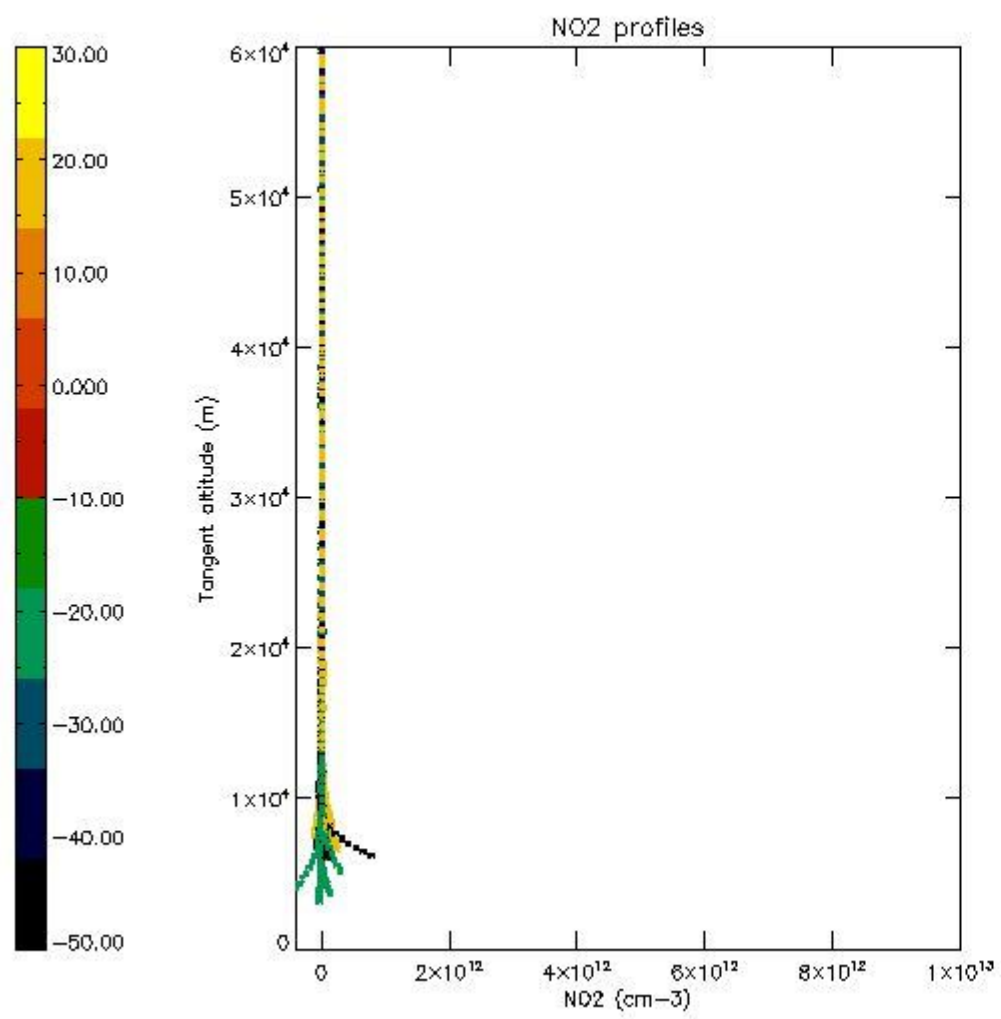
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



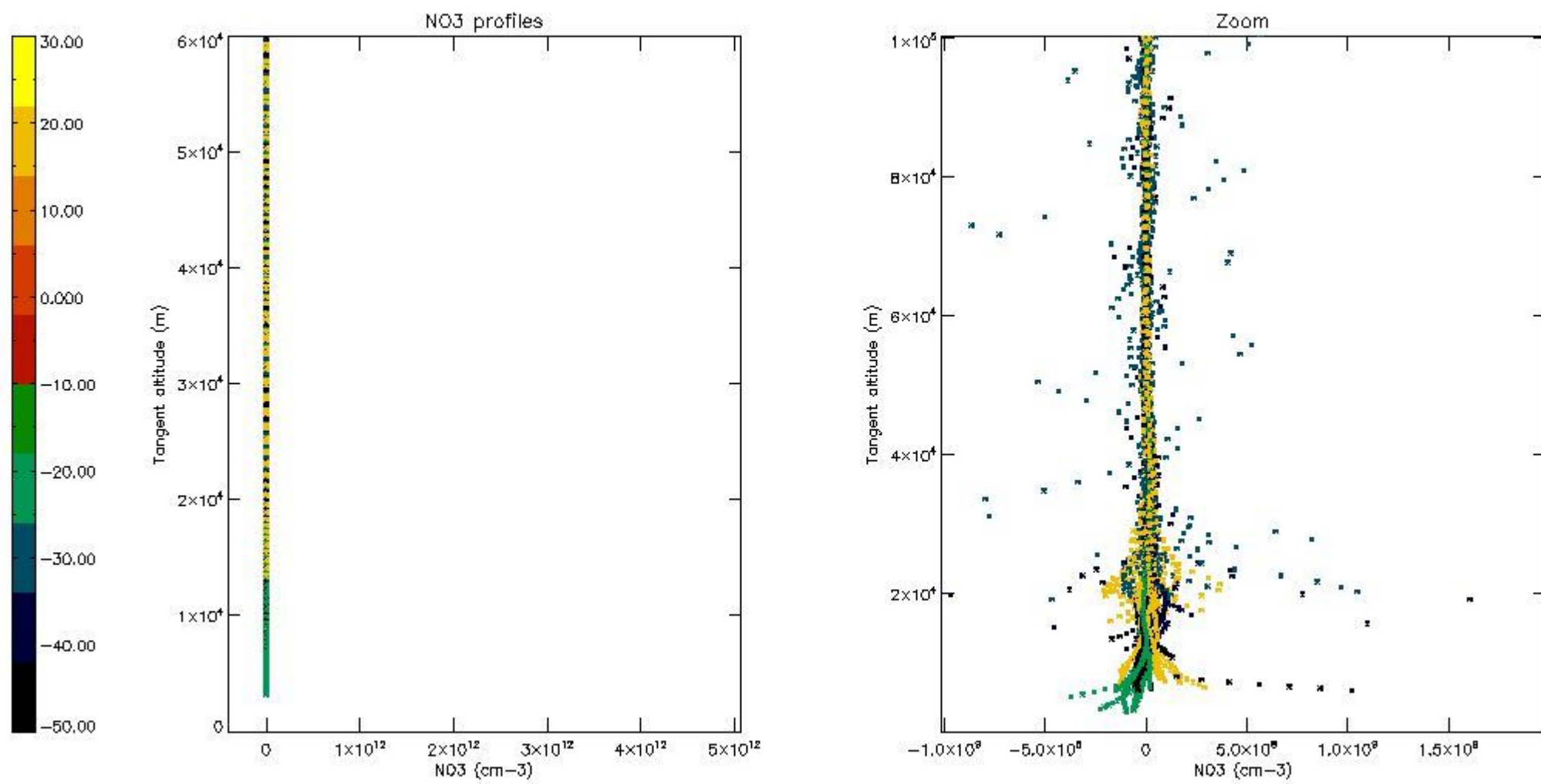
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



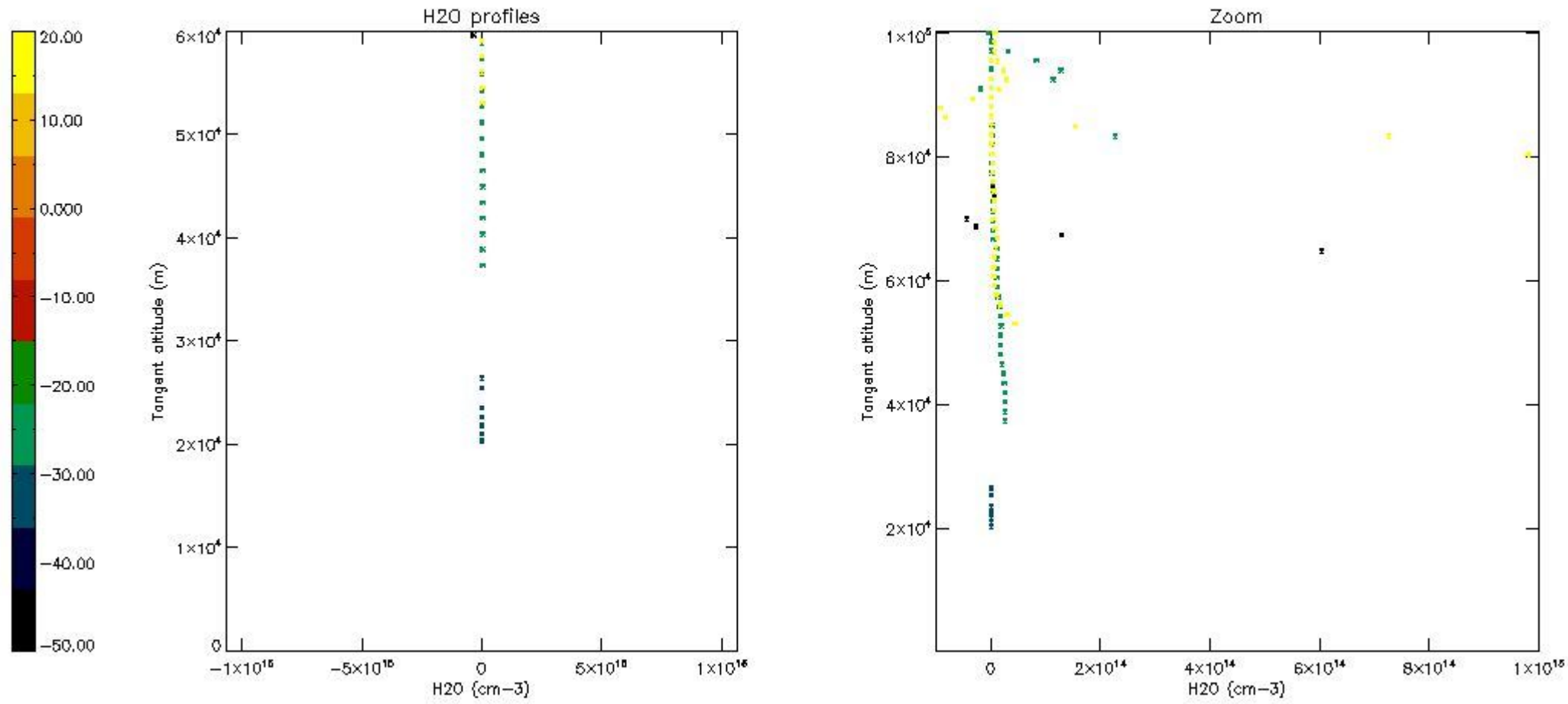
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

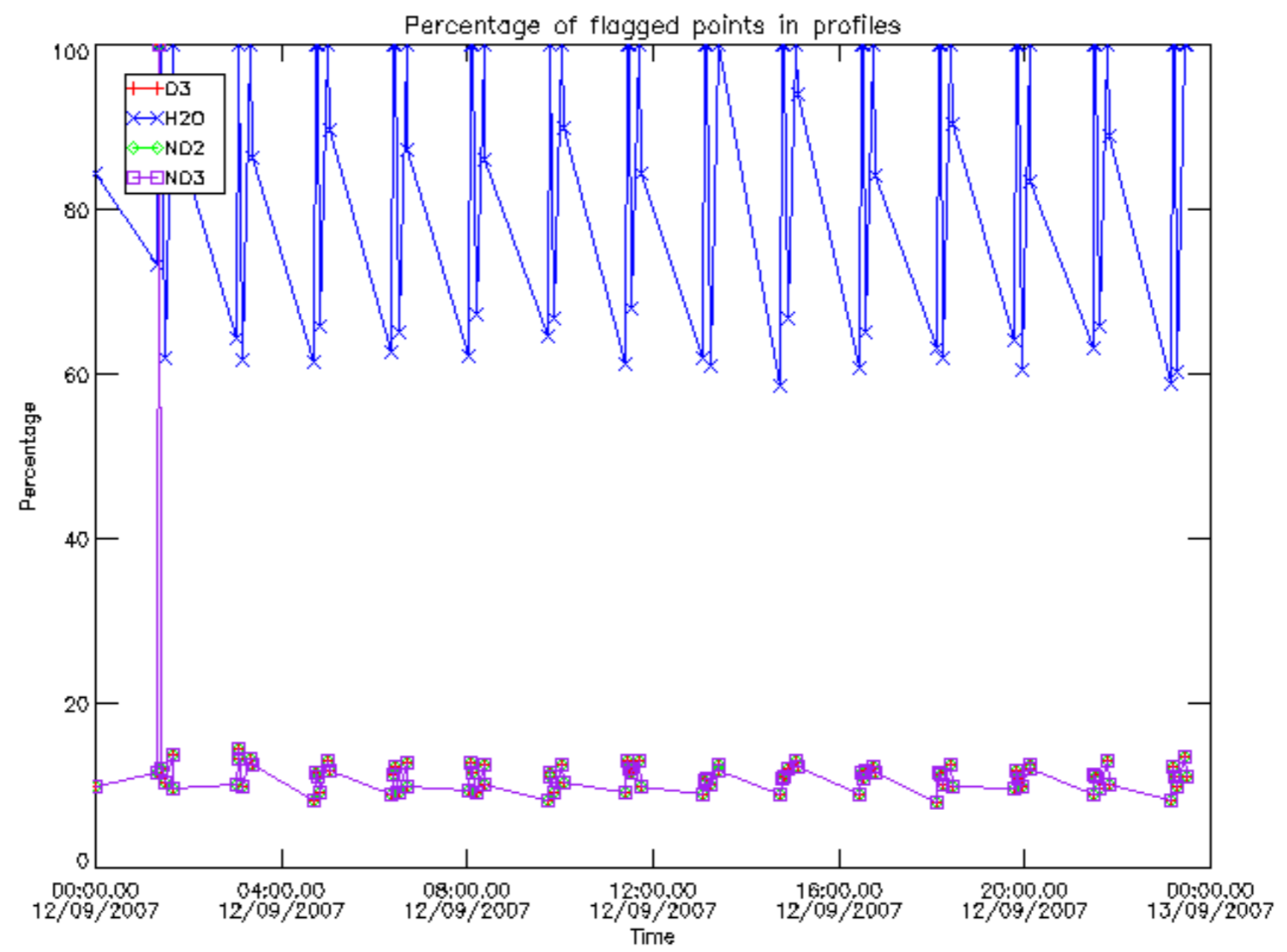
The colorbar represents the latitude.



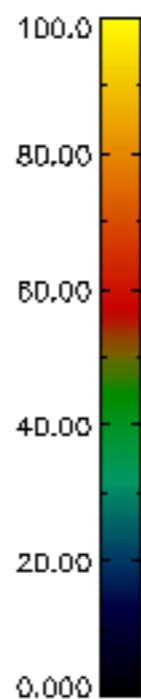
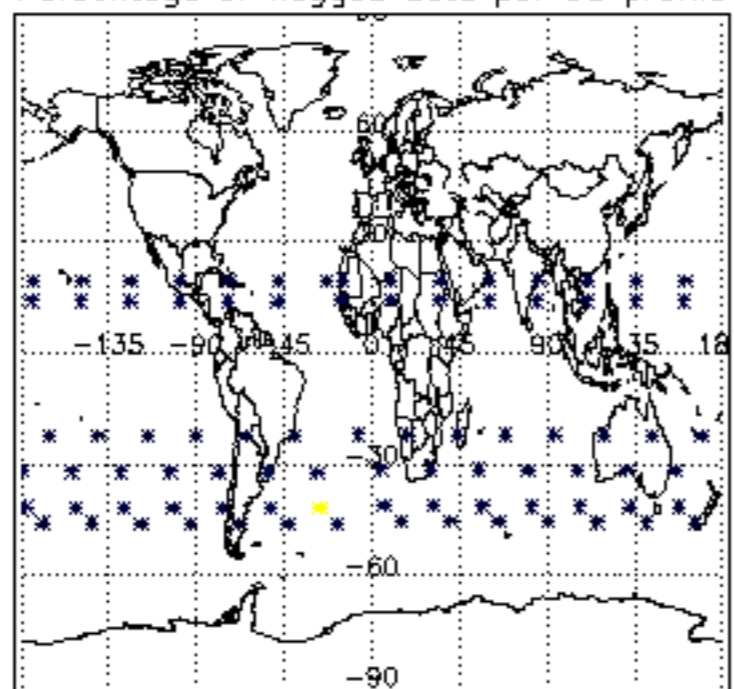
6. Auxiliary Data Files used for the production reported in section 2

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.

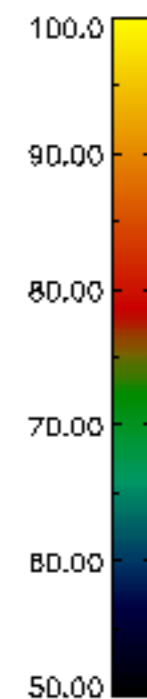
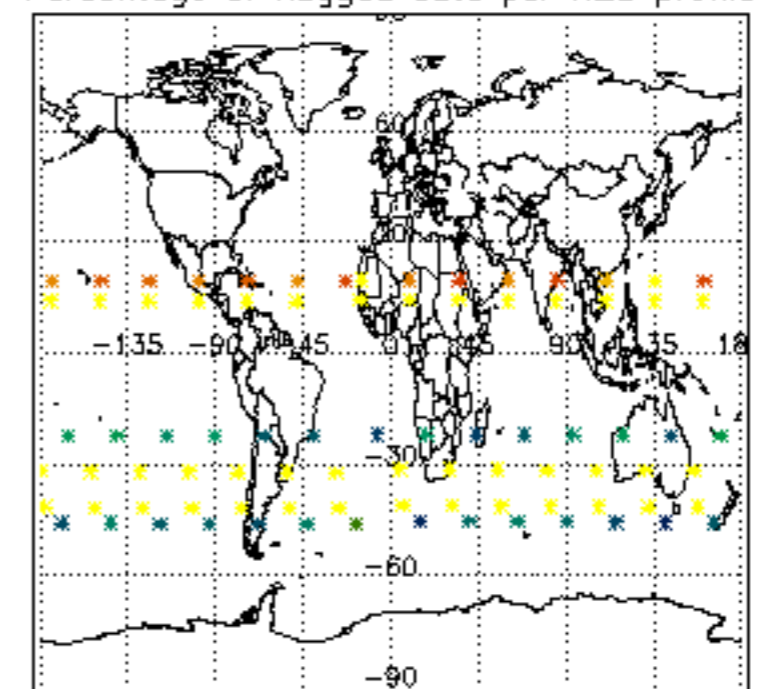
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-SEP-2007 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-SEP-2007 00:00:18
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-SEP-2007 00:00:18



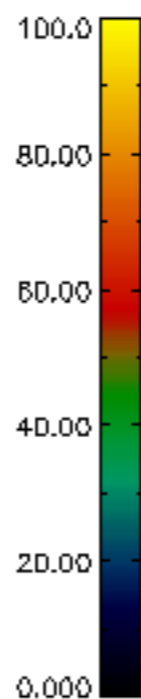
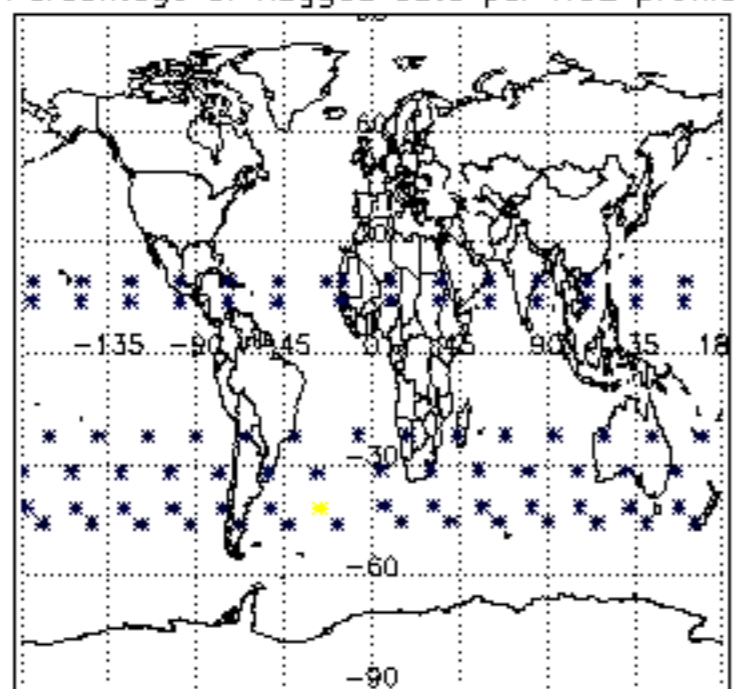
Percentage of flagged data per D3 profile



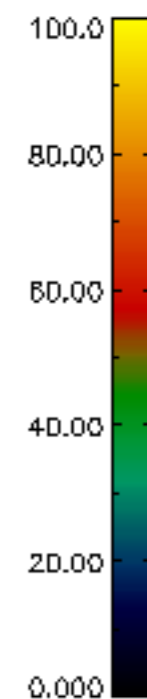
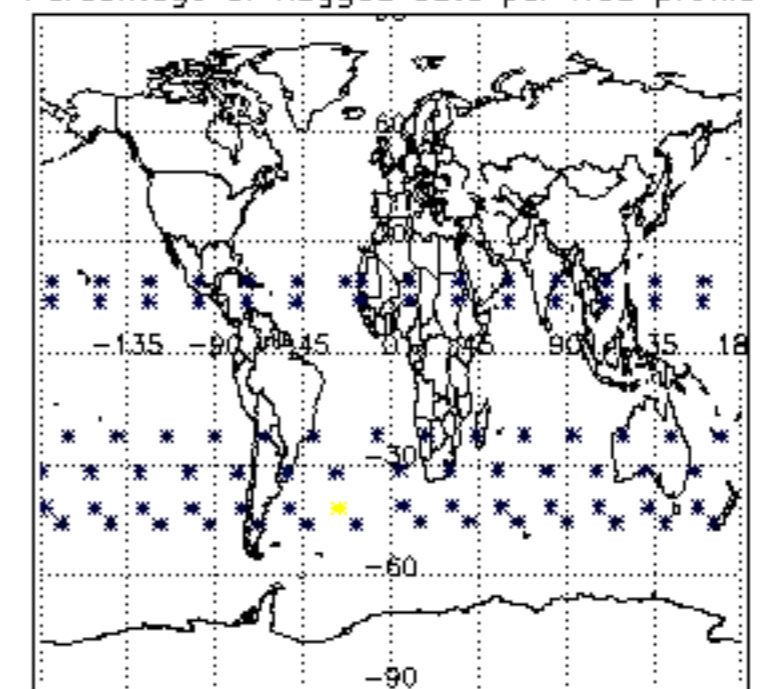
Percentage of flagged data per H2O profile

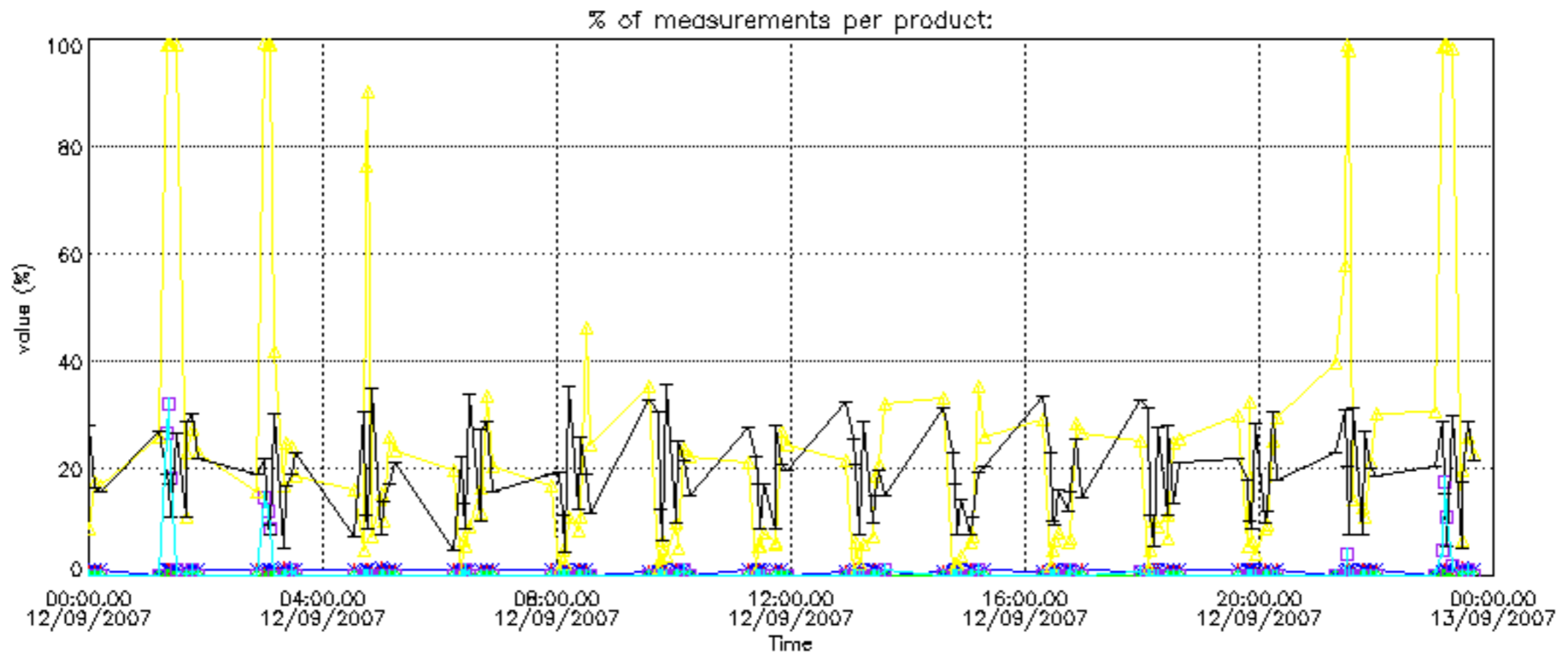


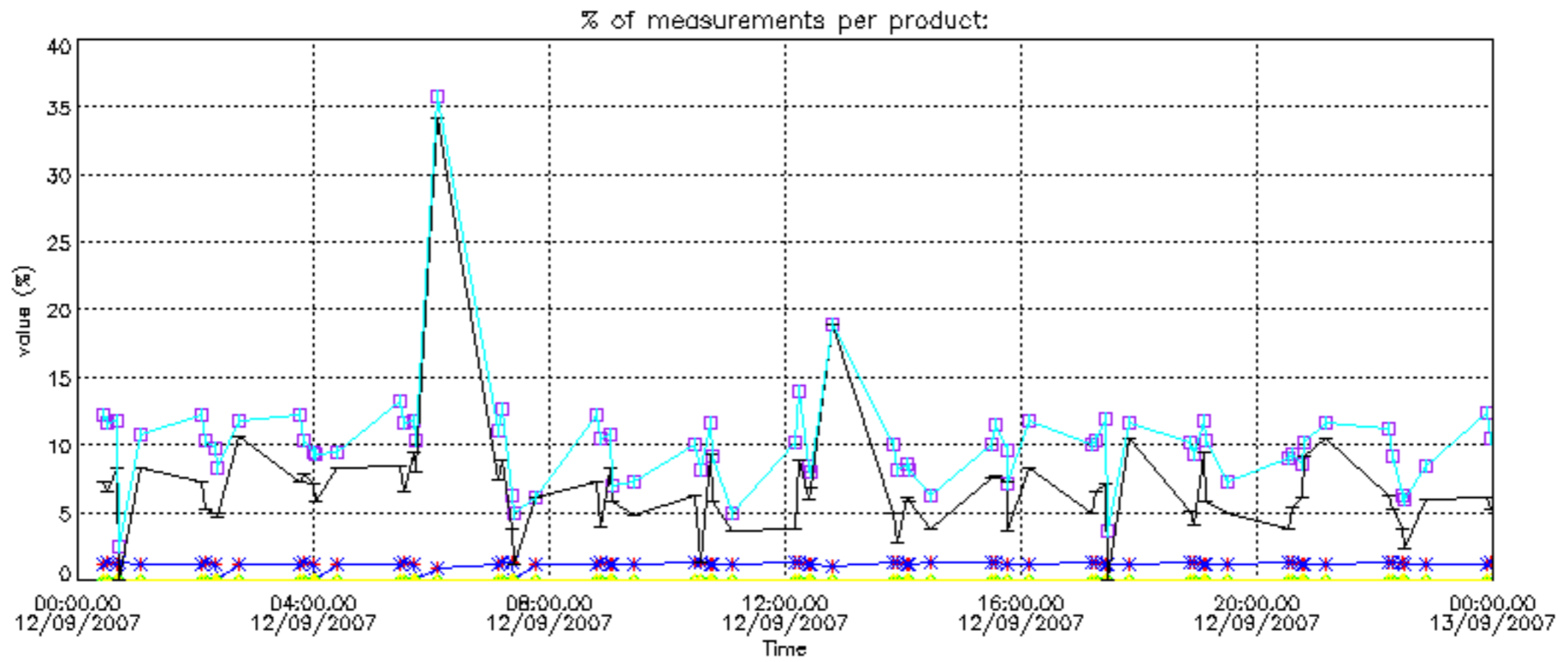
Percentage of flagged data per NO2 profile



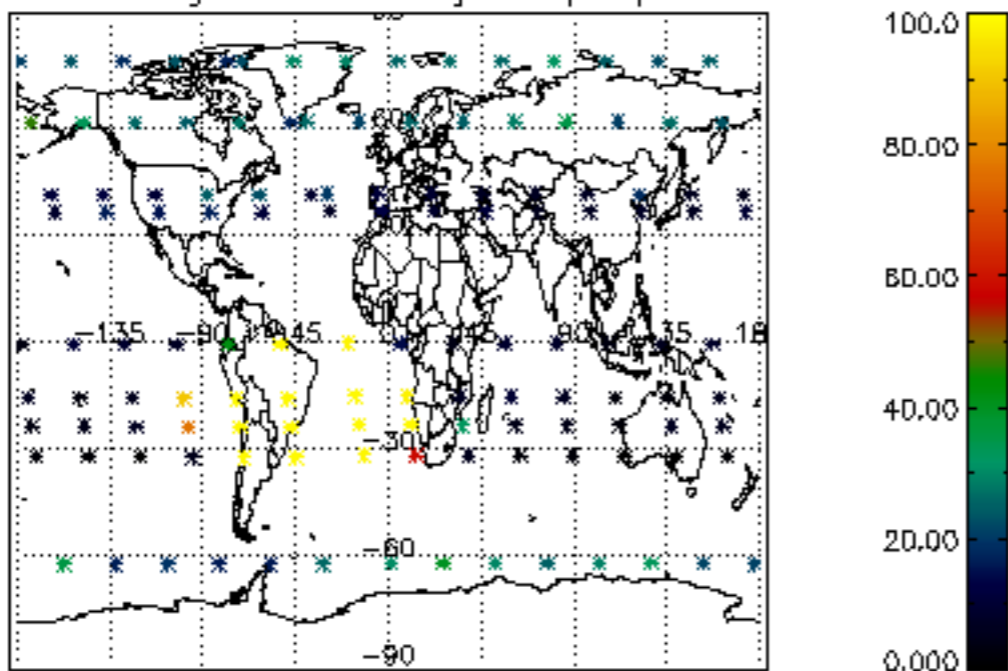
Percentage of flagged data per NO3 profile



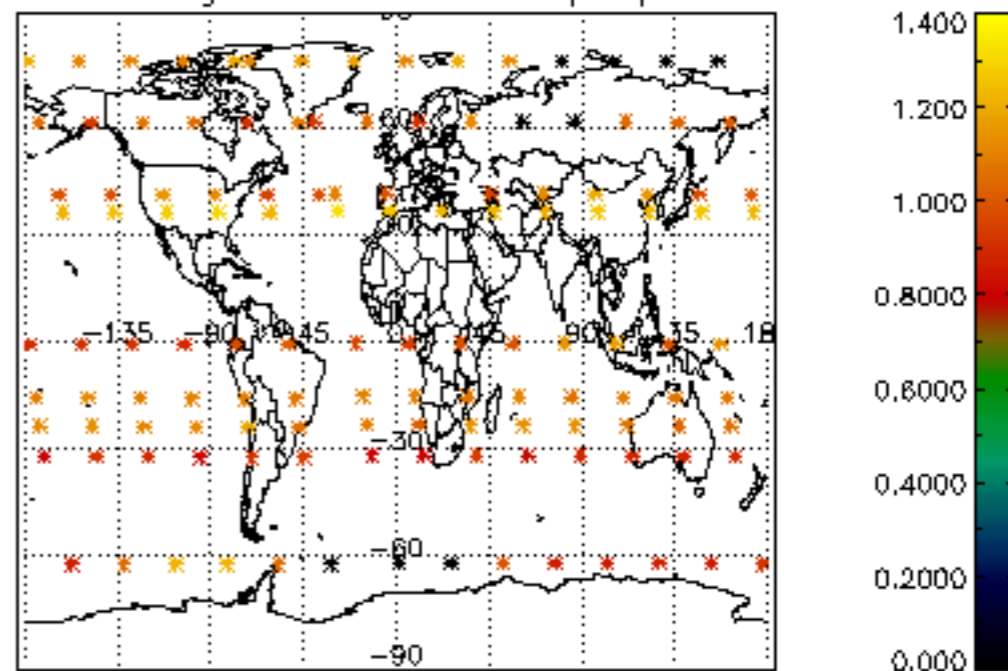




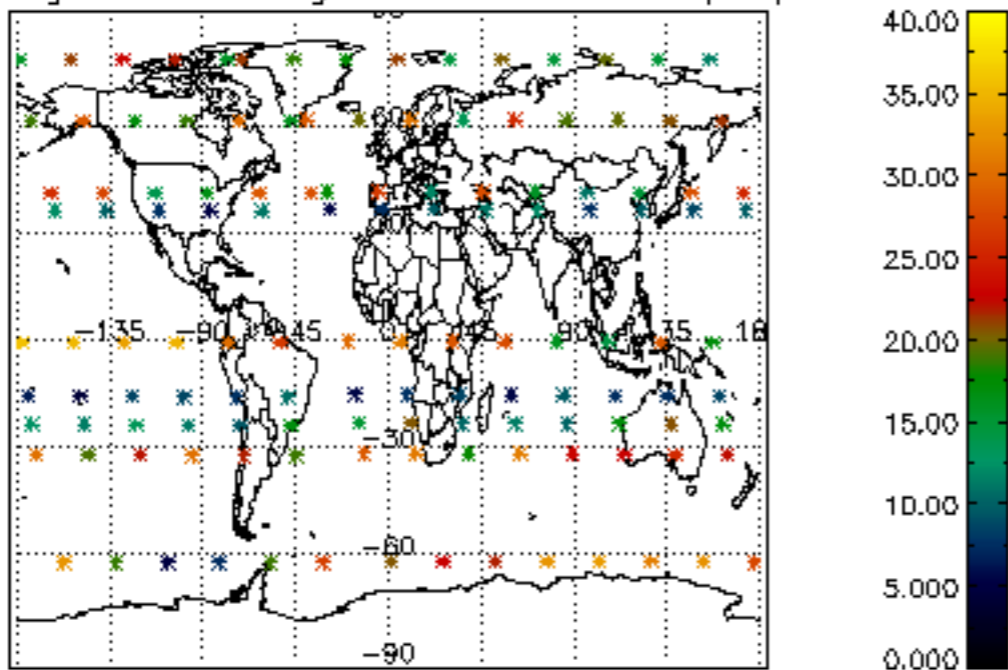
Percentage of cosmic ray hits per profile



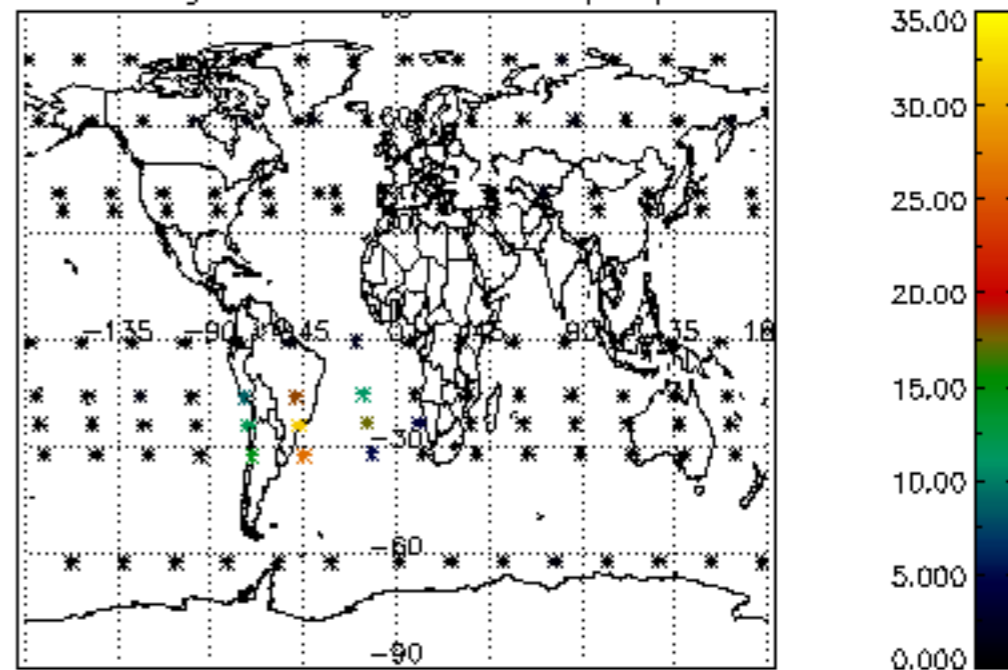
Percentage of datation errors per profile



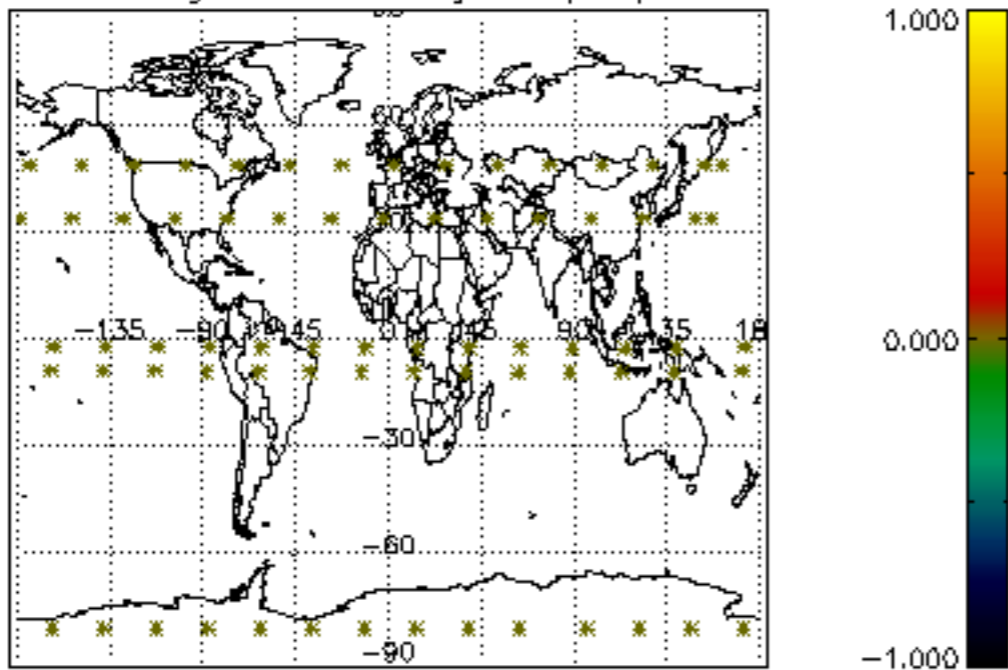
Percentage of star falling outside central band per profile



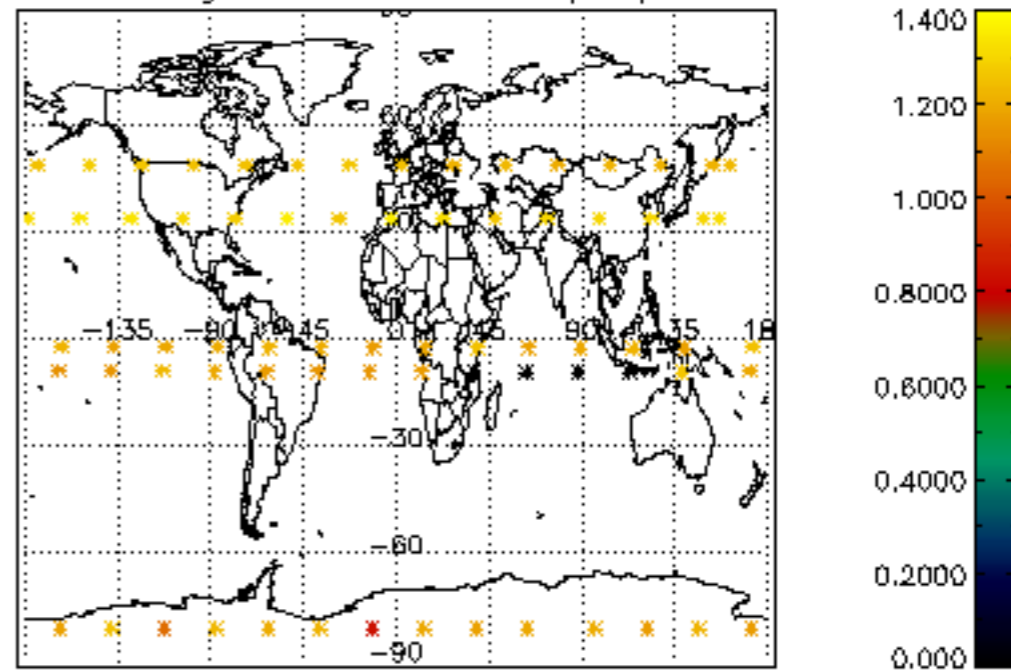
Percentage of saturation errors per profile



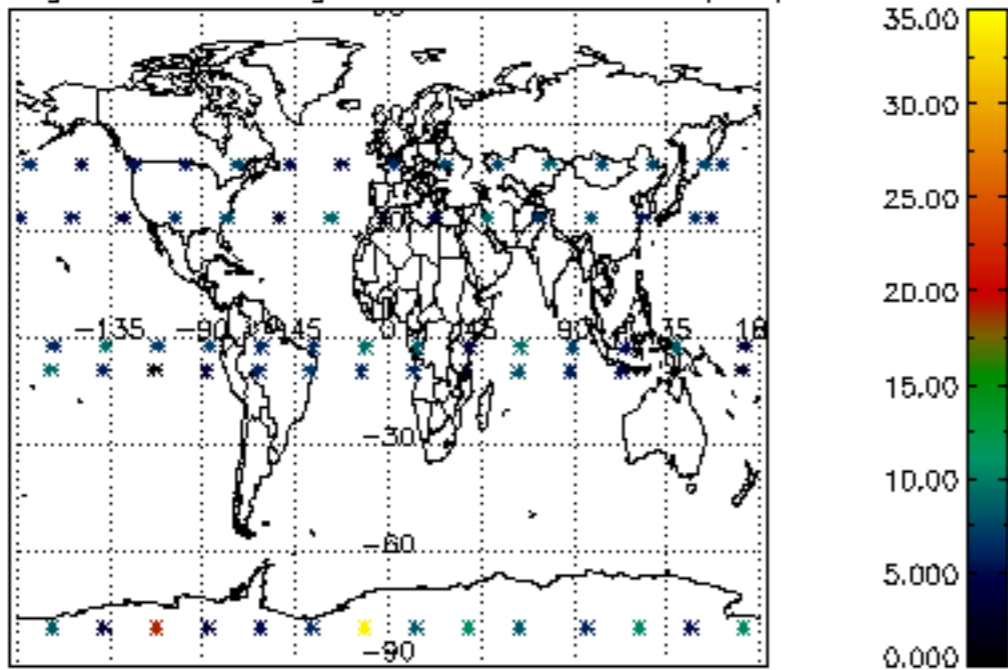
Percentage of cosmic ray hits per profile



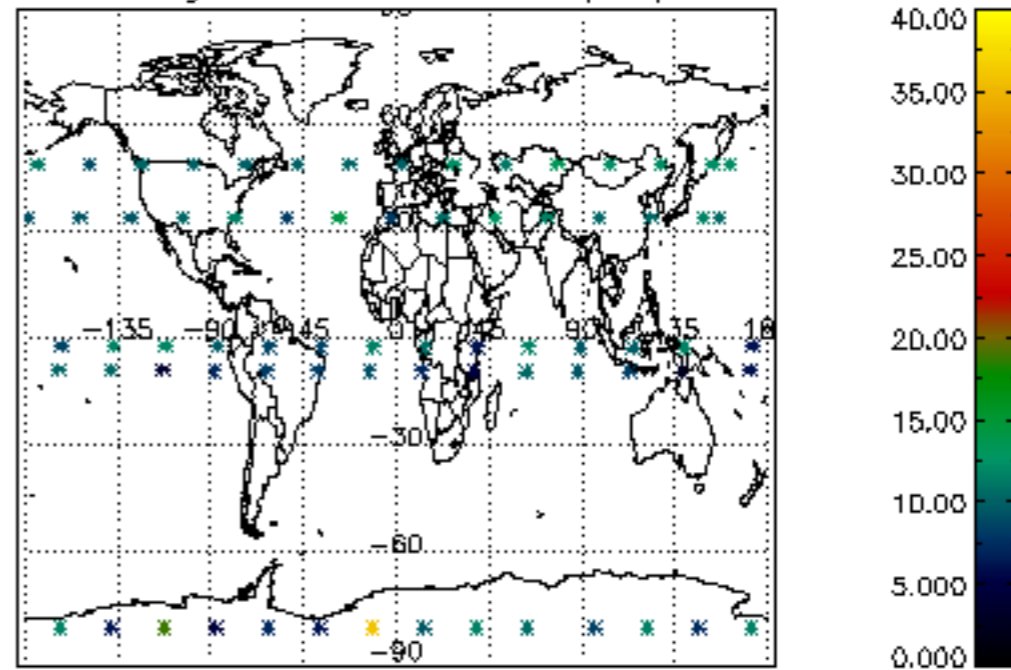
Percentage of datation errors per profile

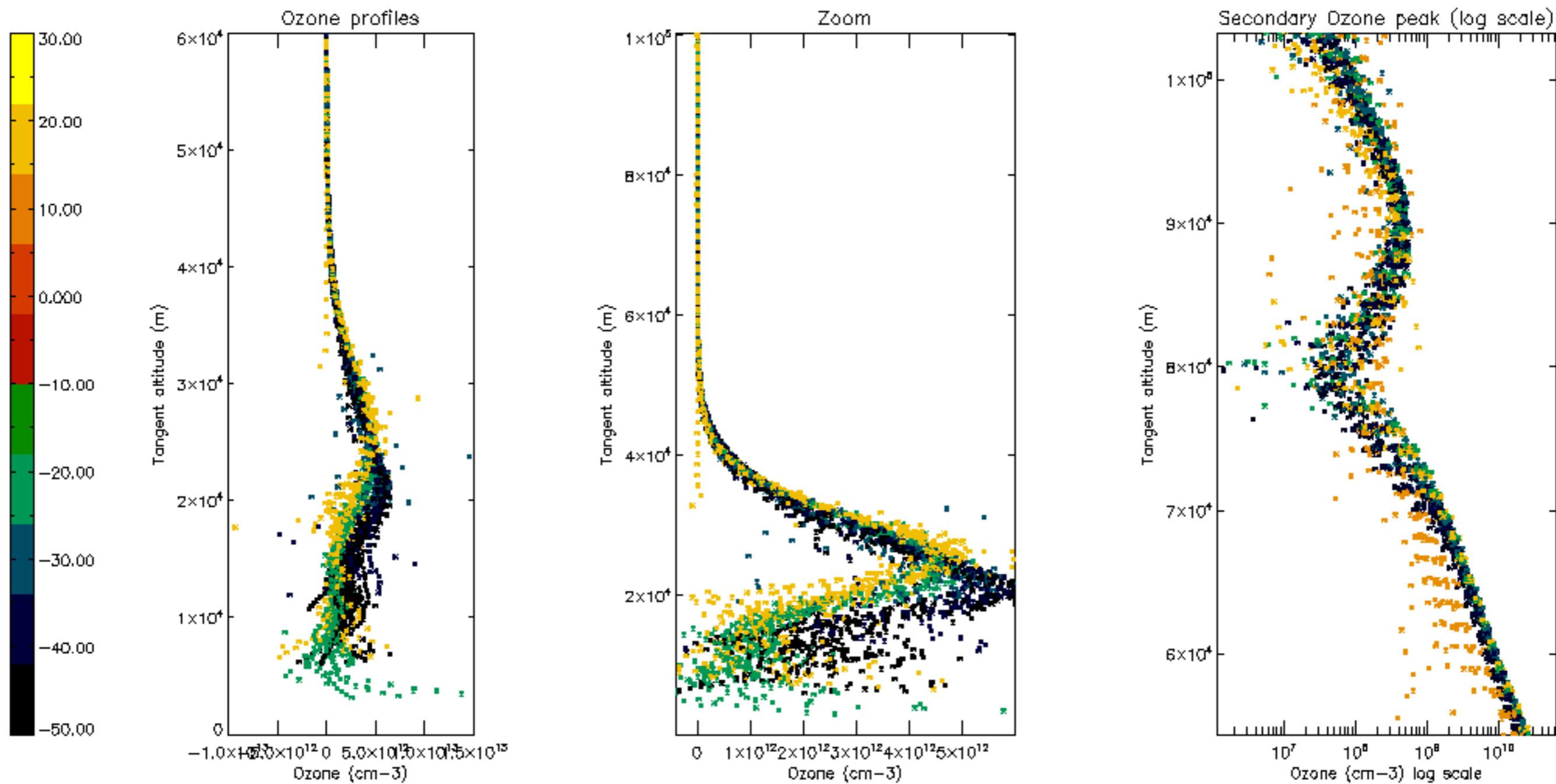


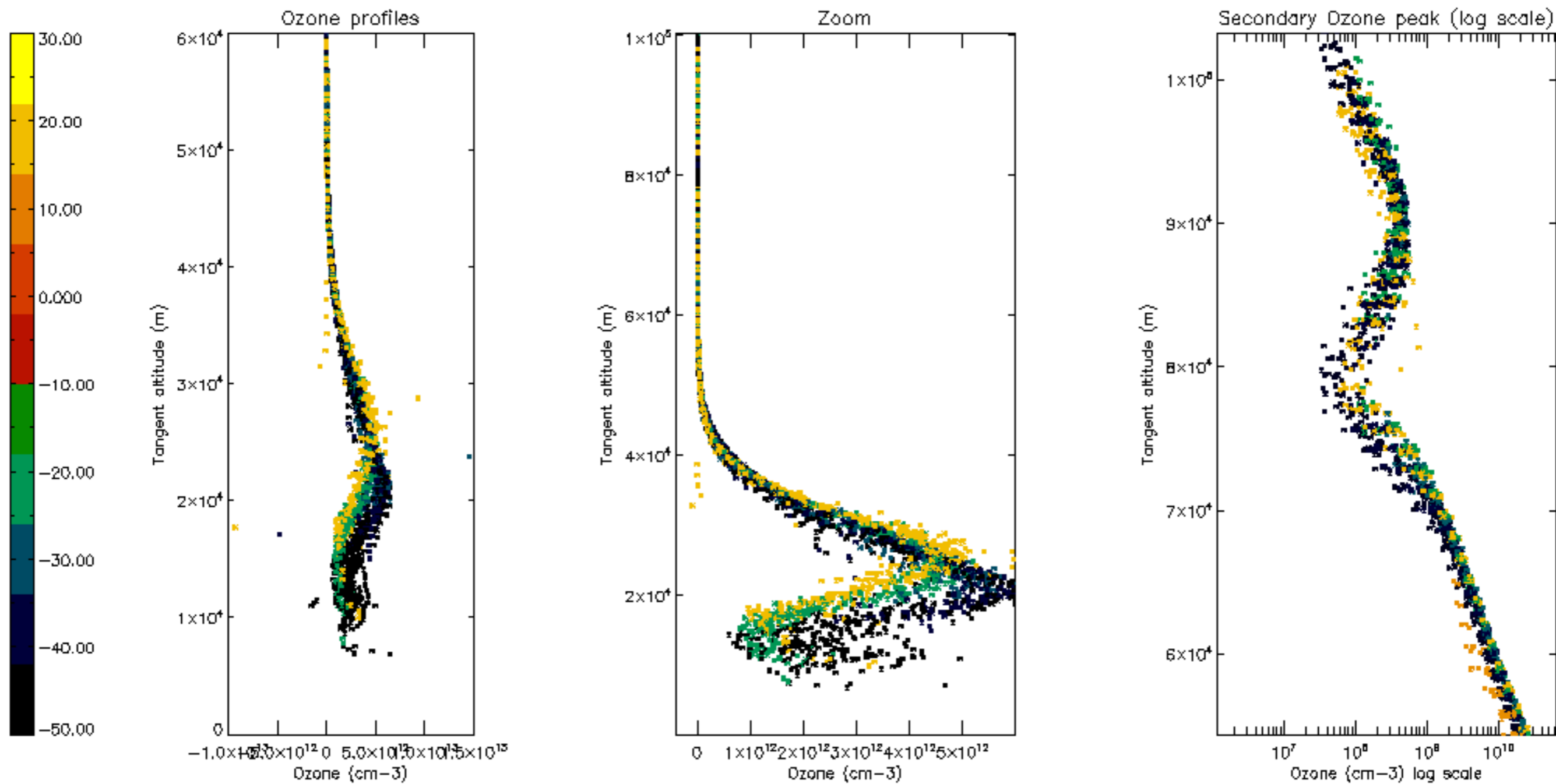
Percentage of star falling outside central band per profile

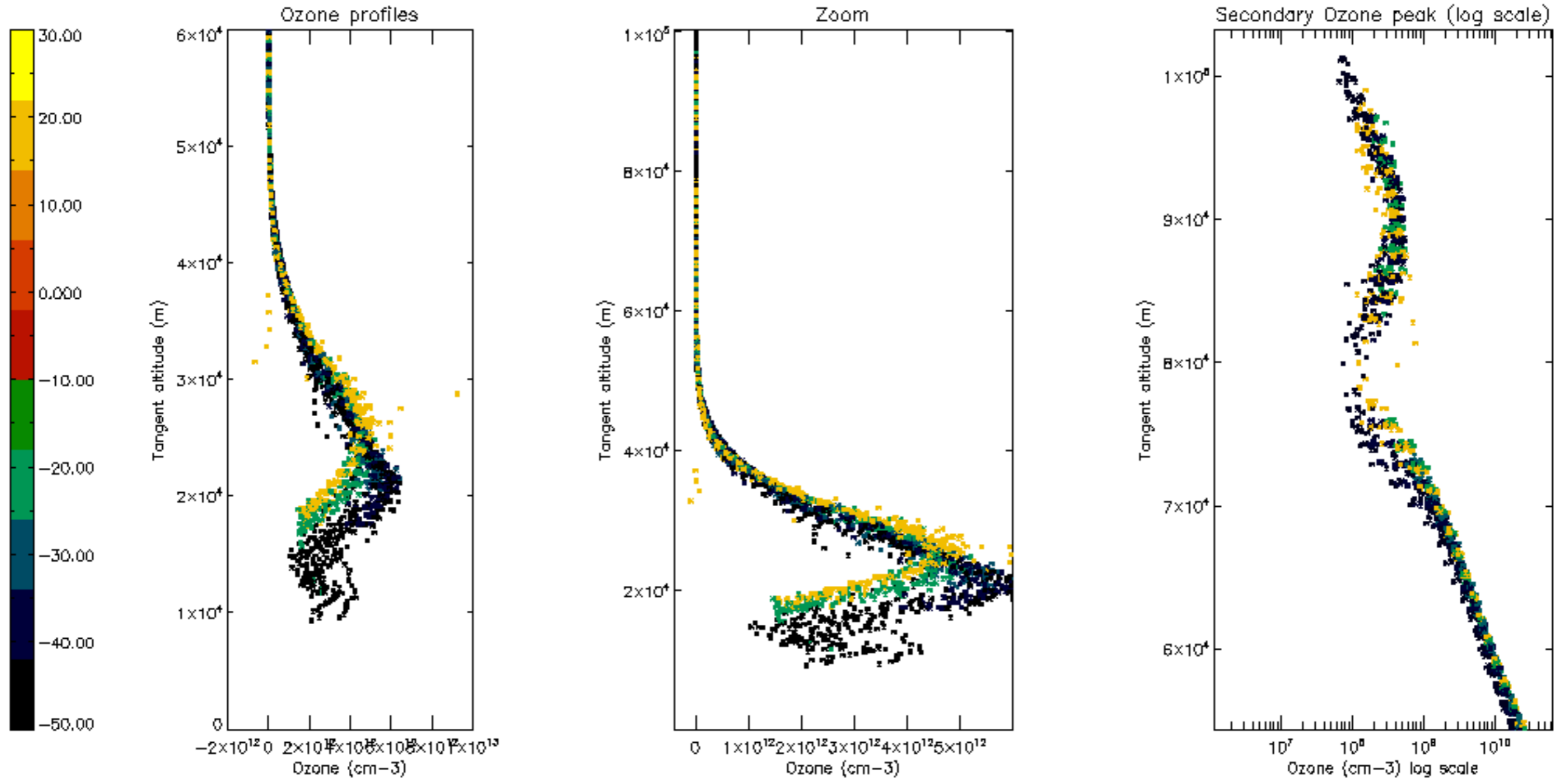


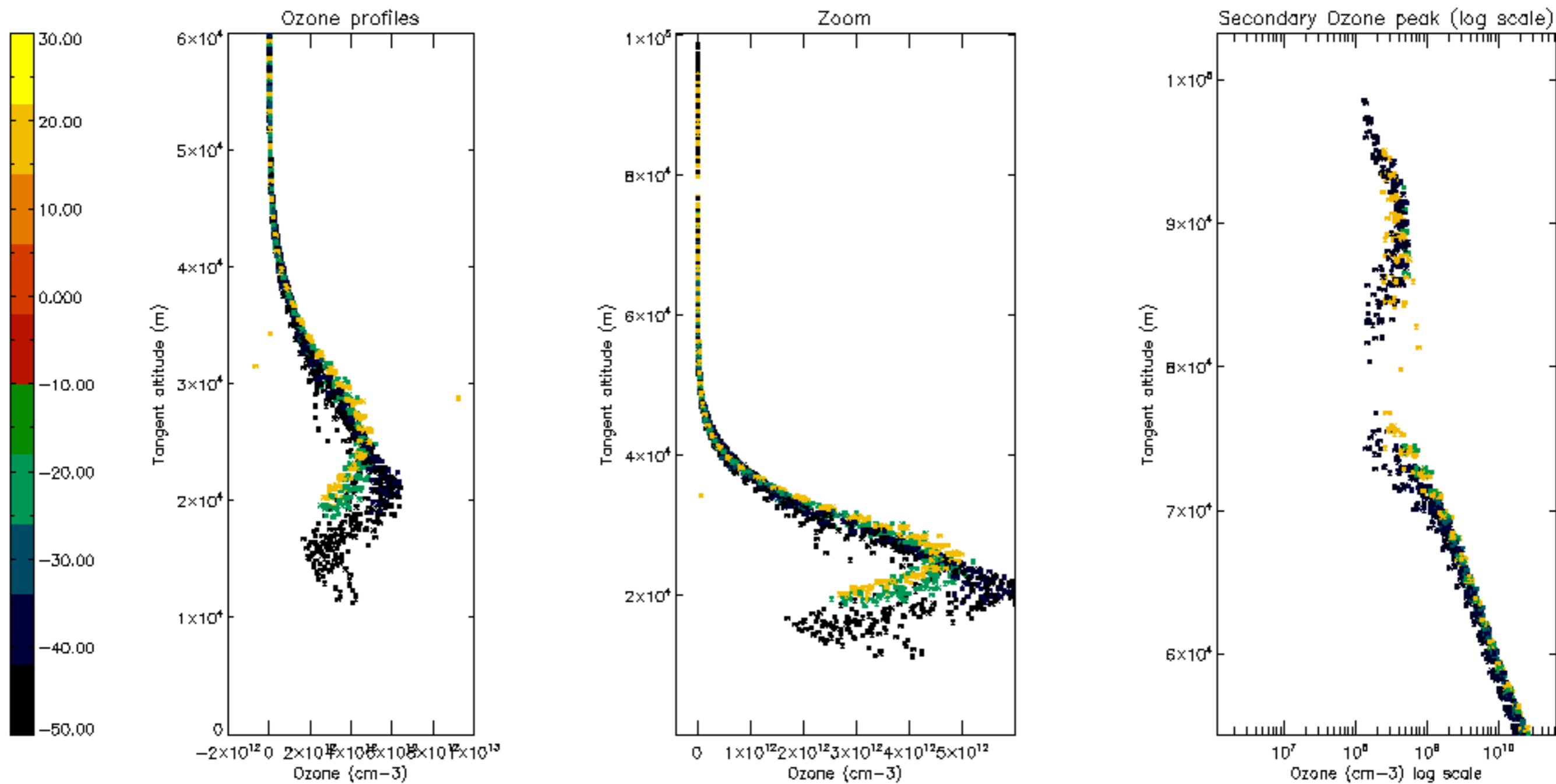
Percentage of saturation errors per profile

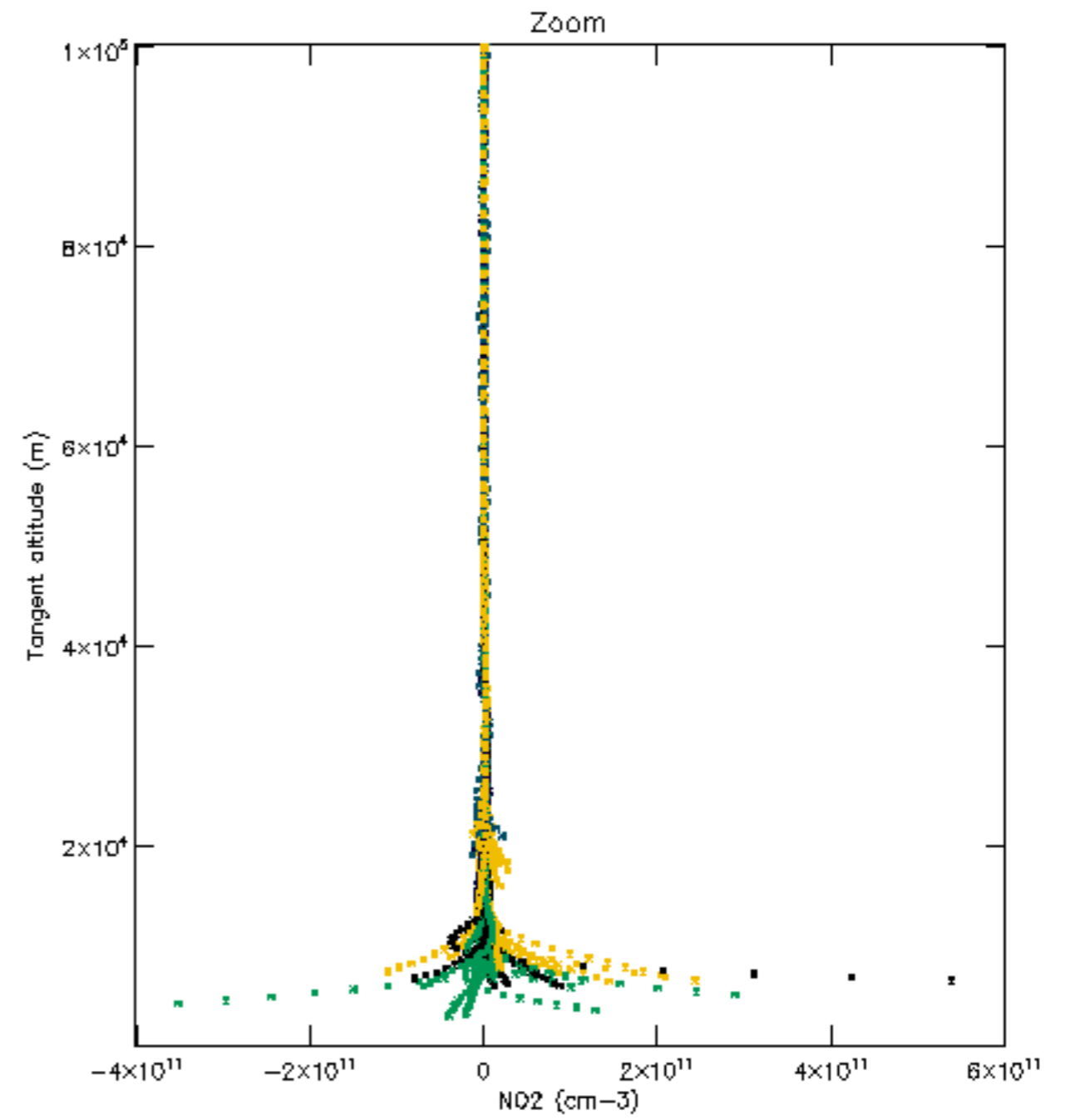
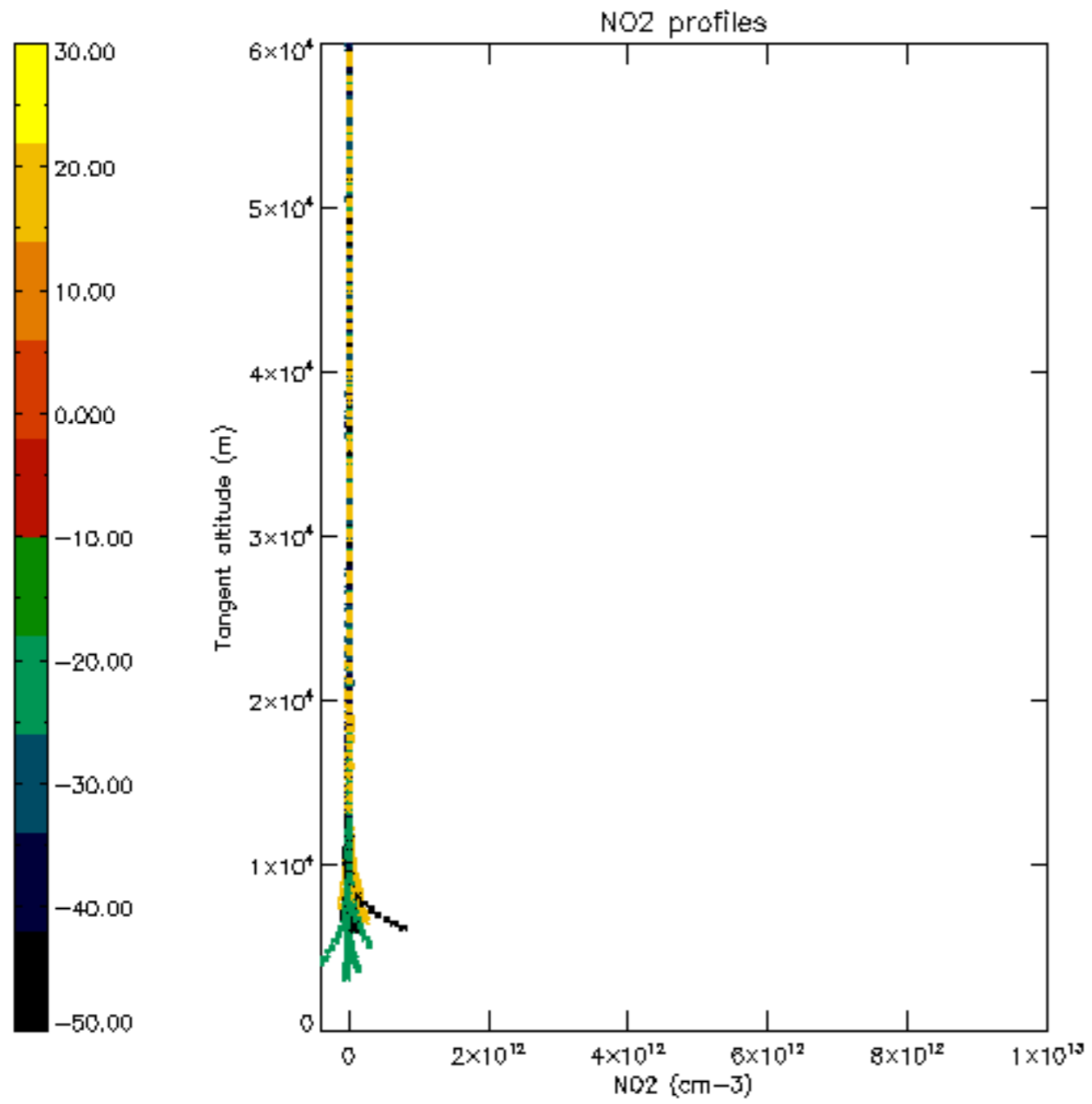


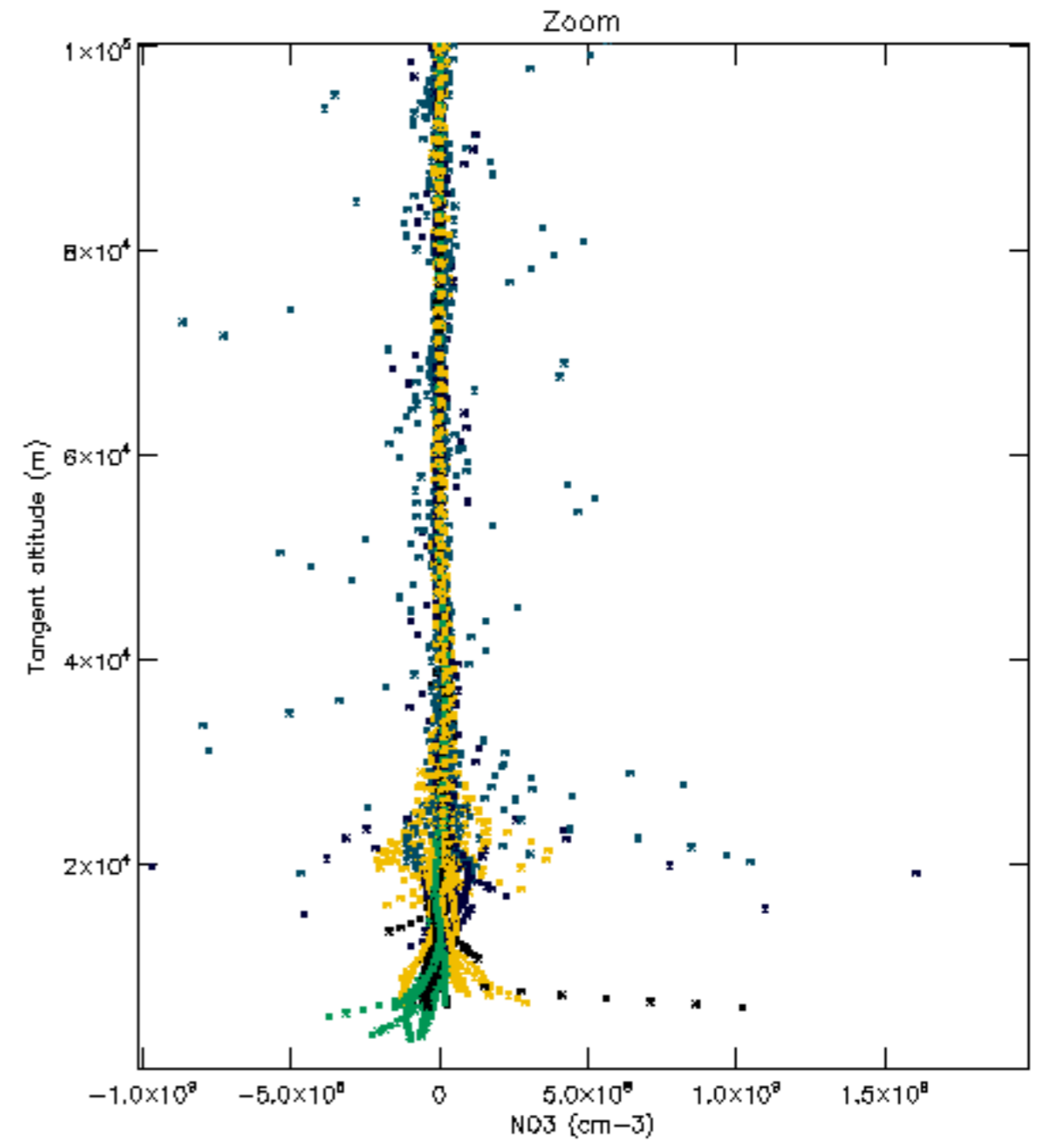
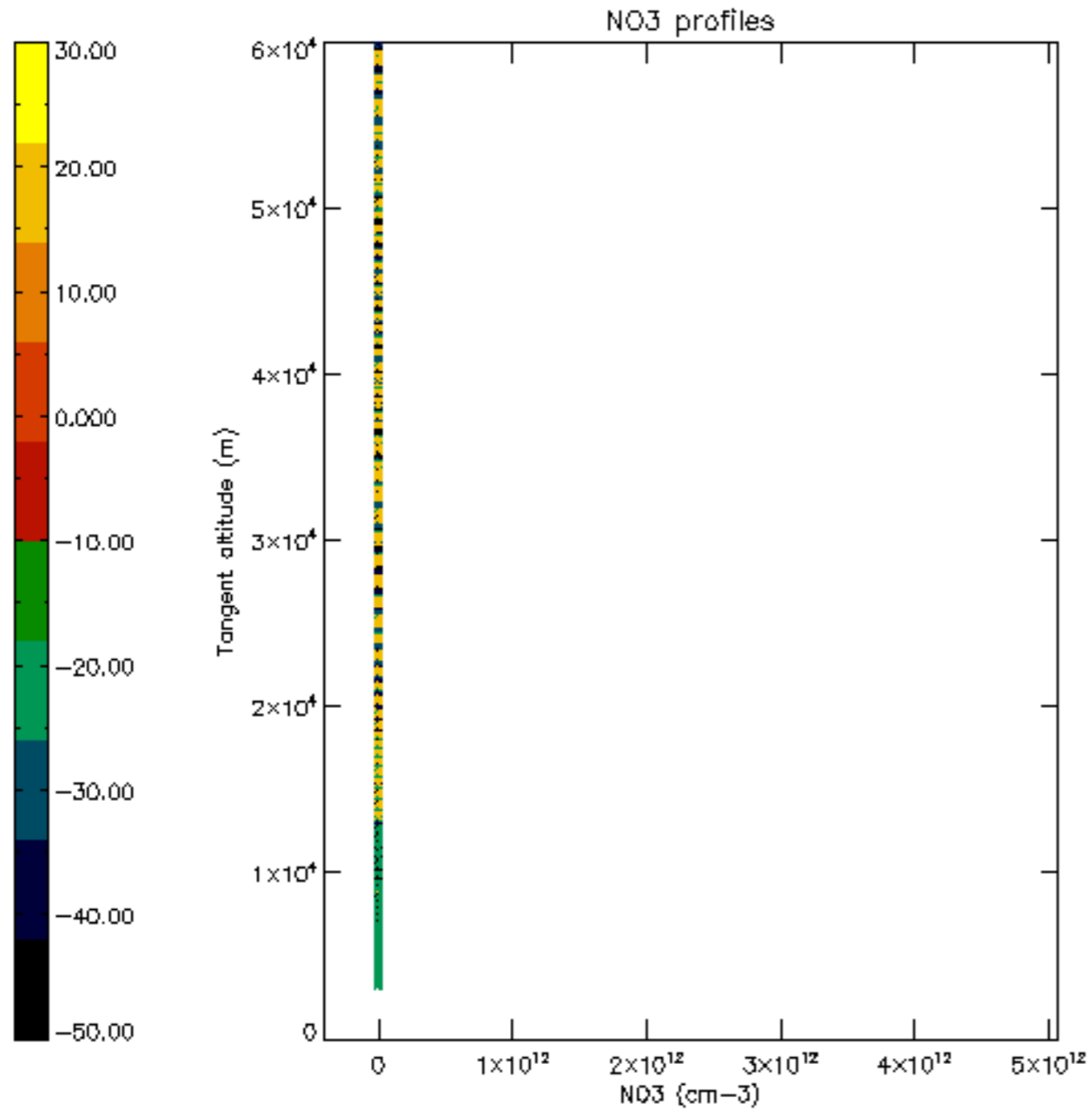


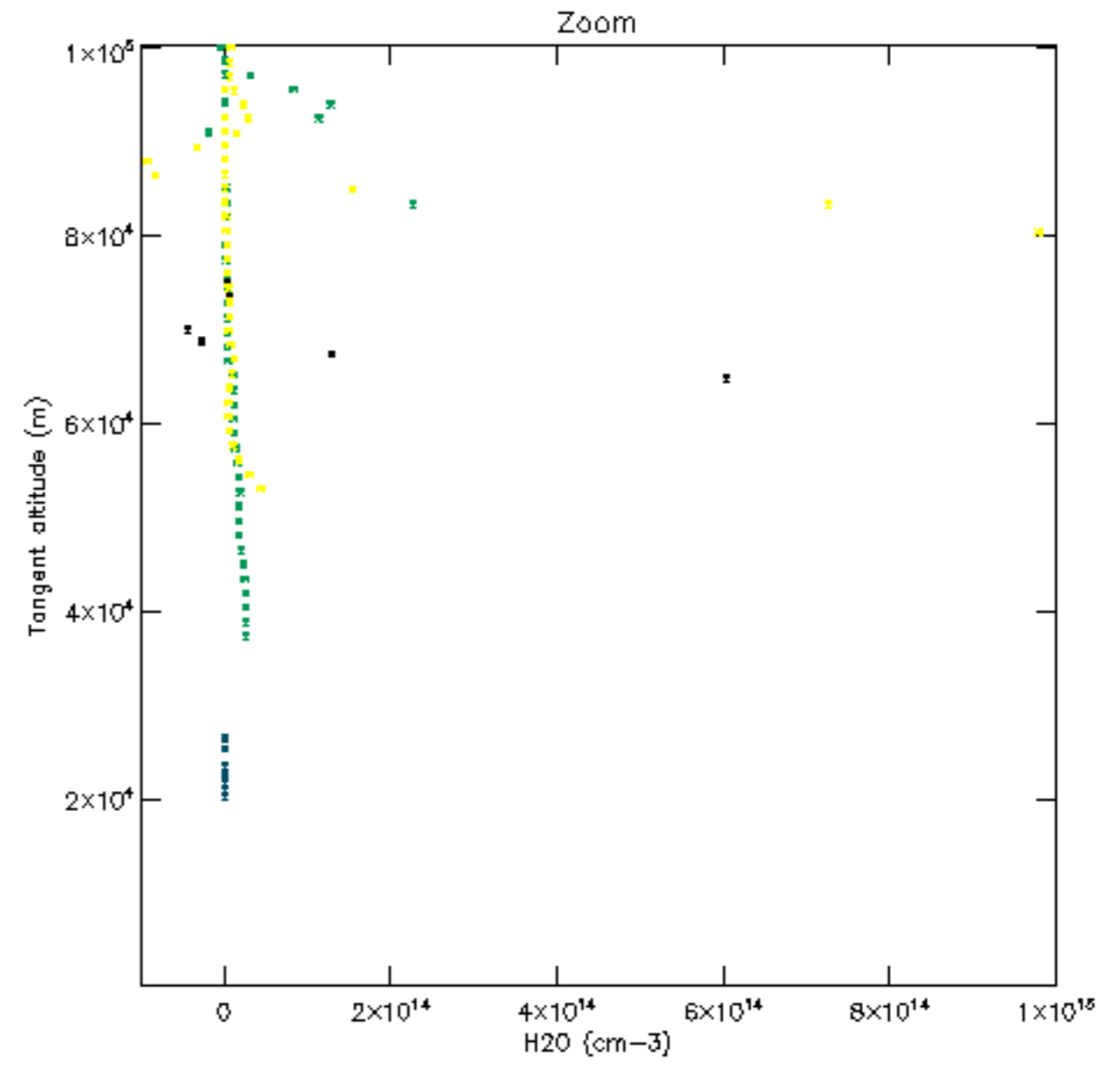
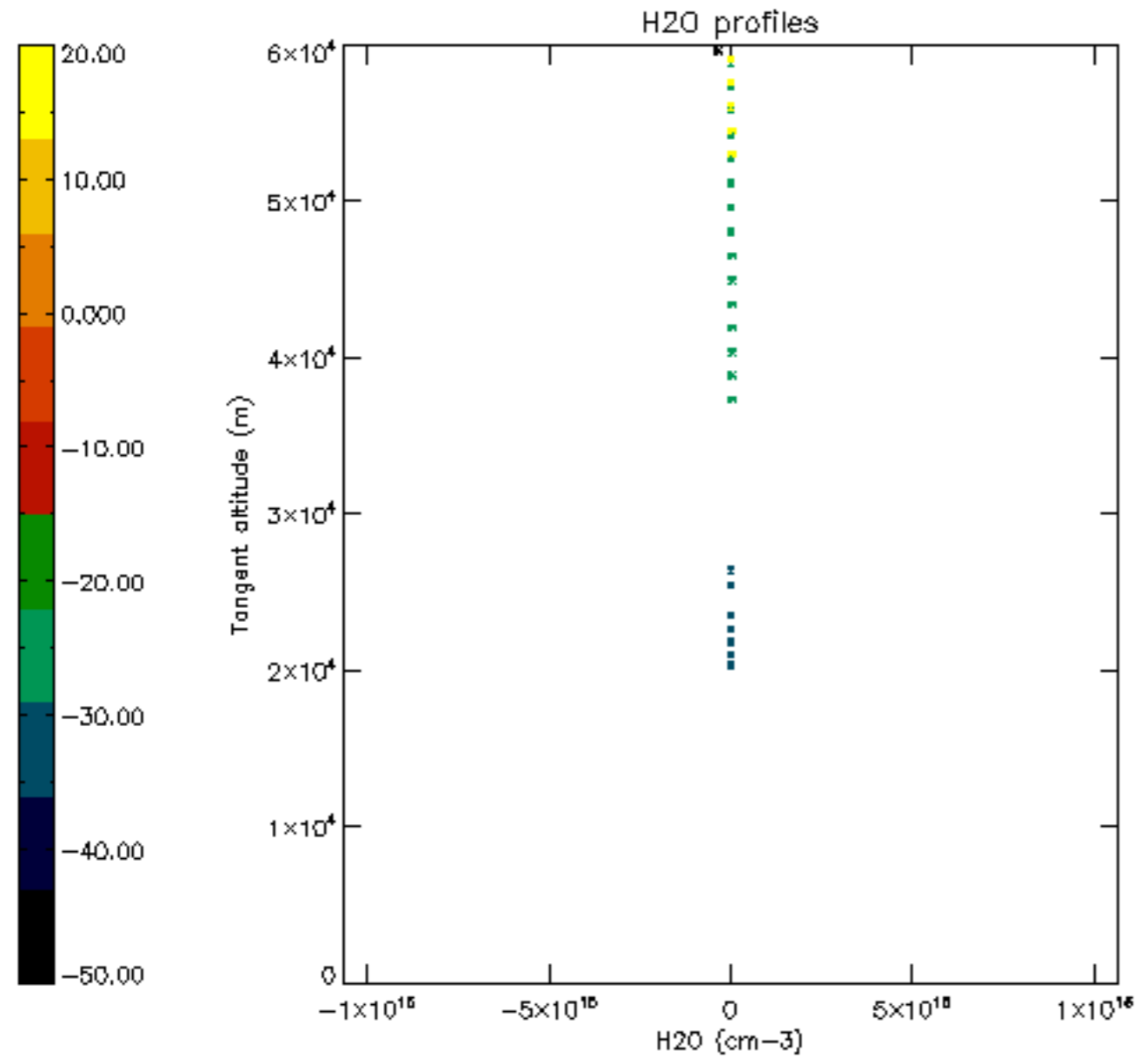


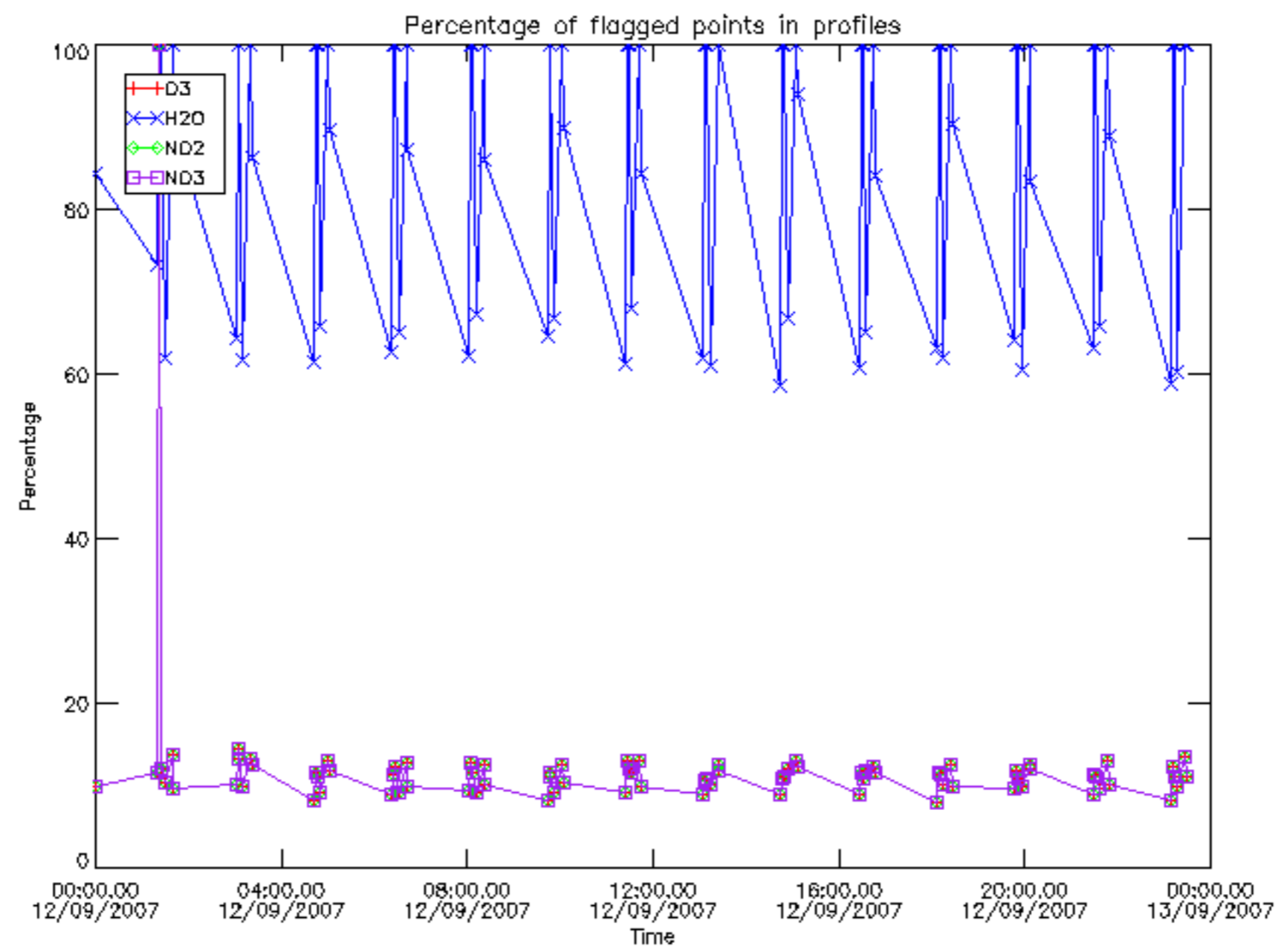




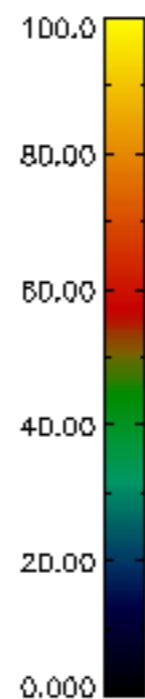
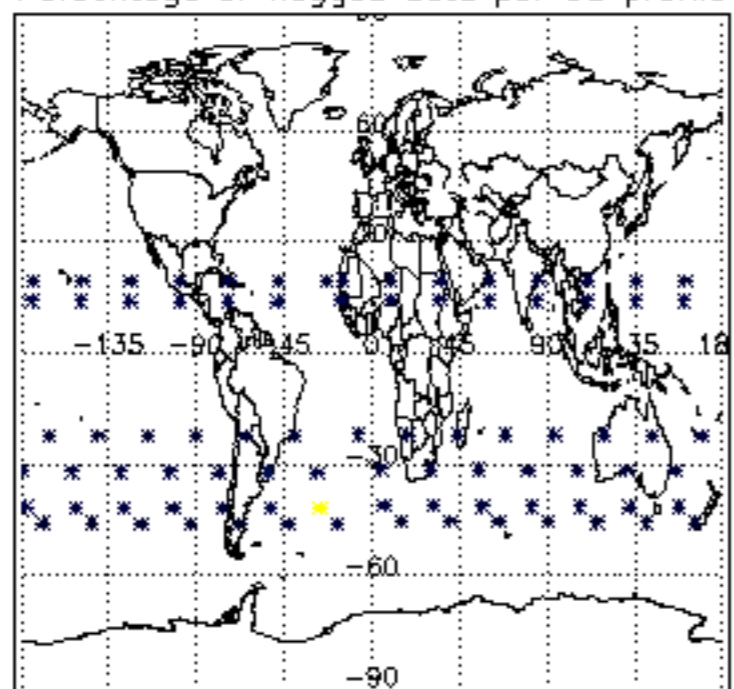




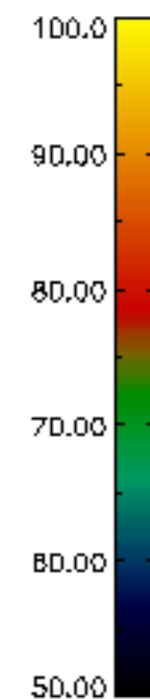
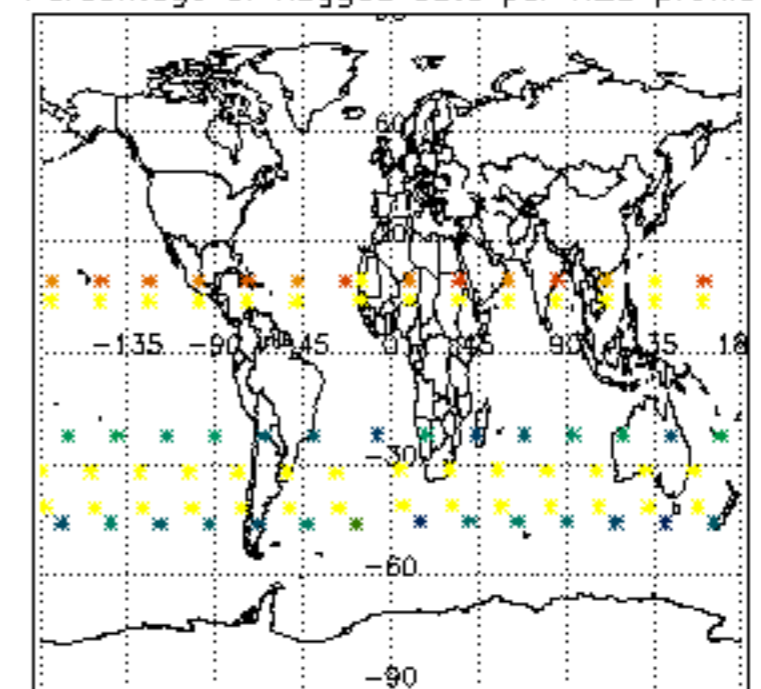




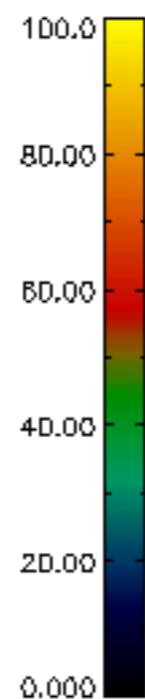
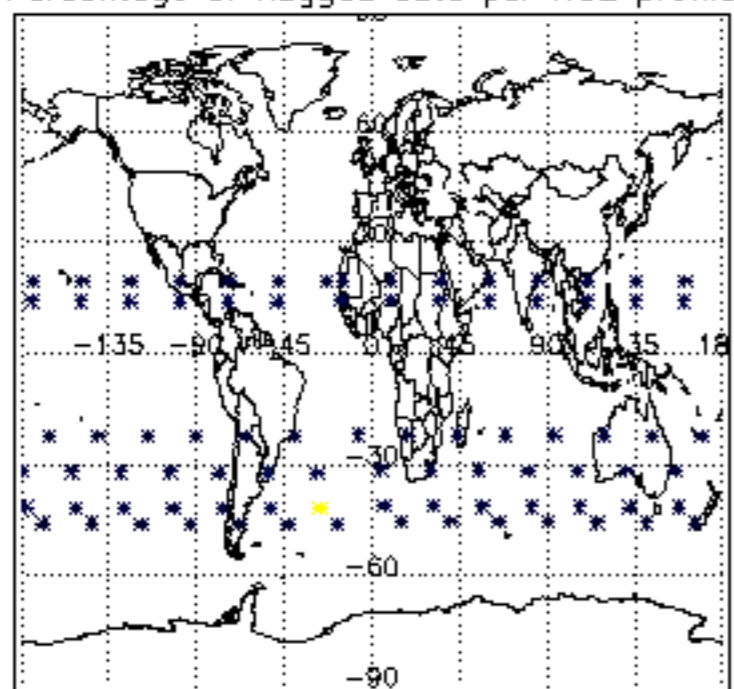
Percentage of flagged data per D3 profile



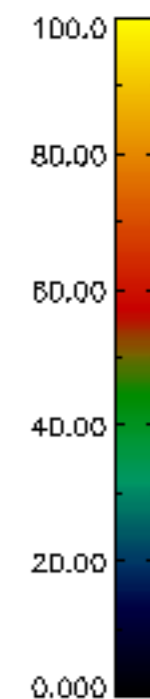
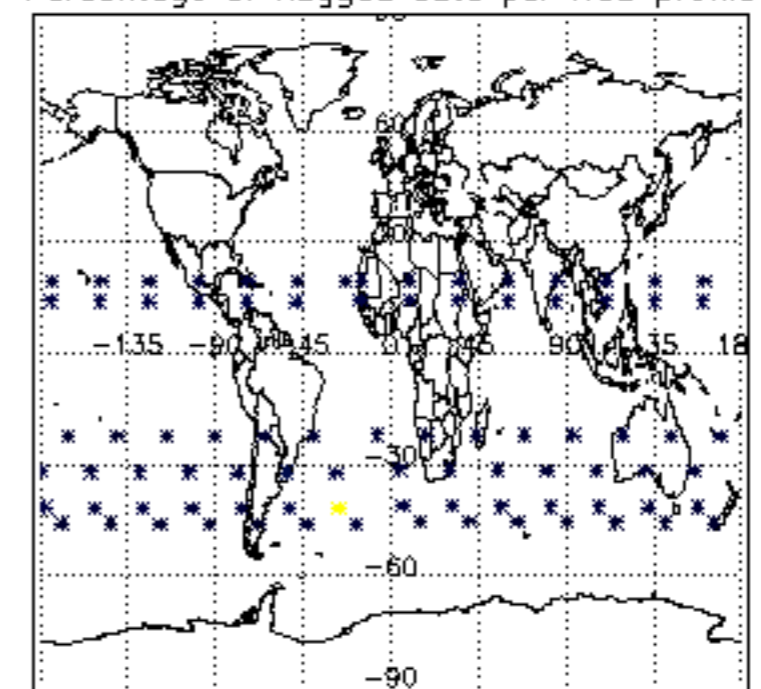
Percentage of flagged data per H2O profile

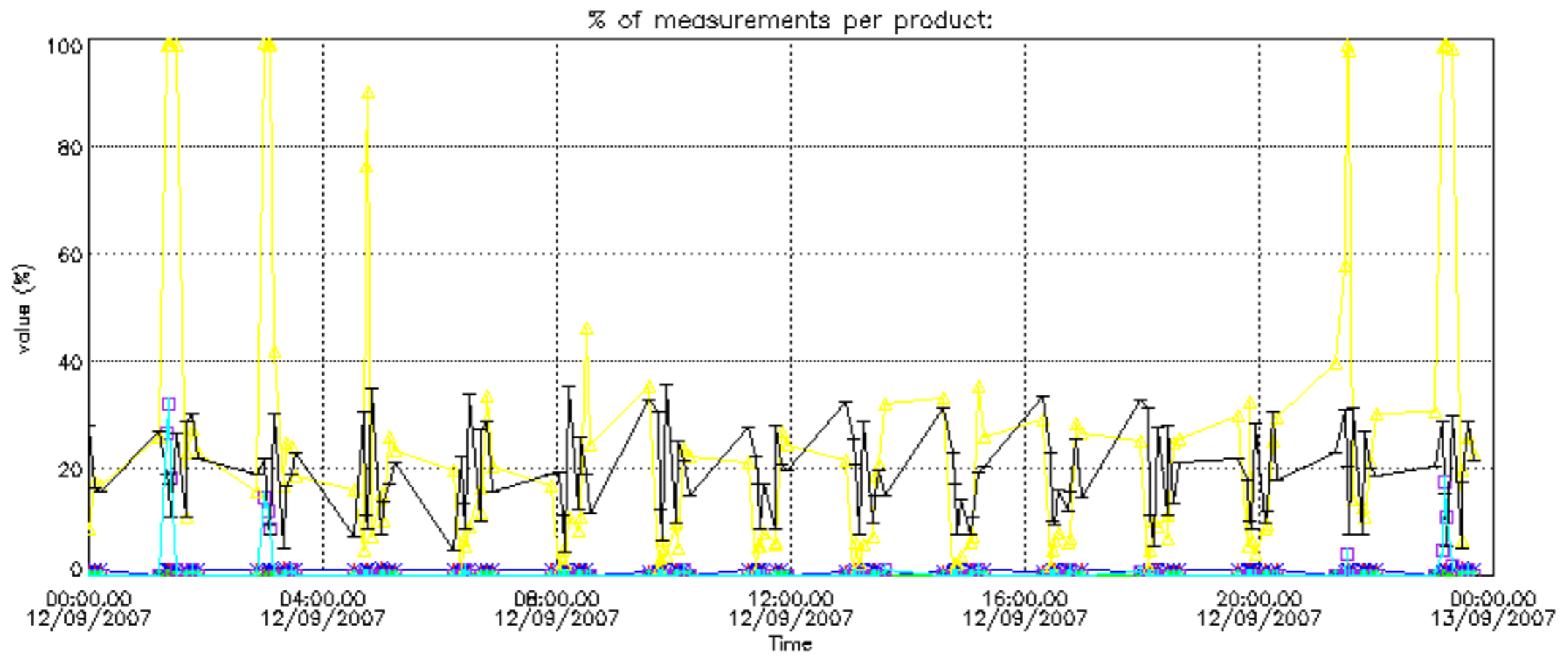


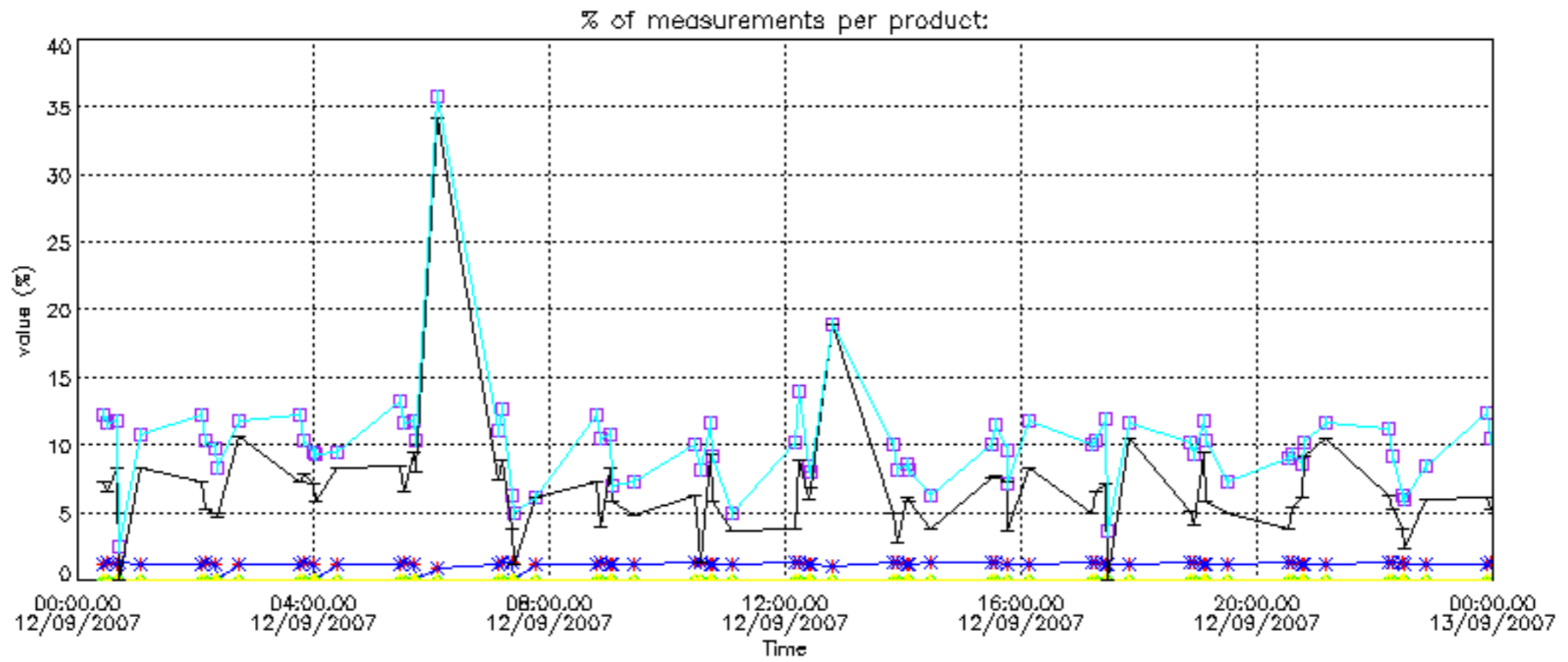
Percentage of flagged data per NO2 profile



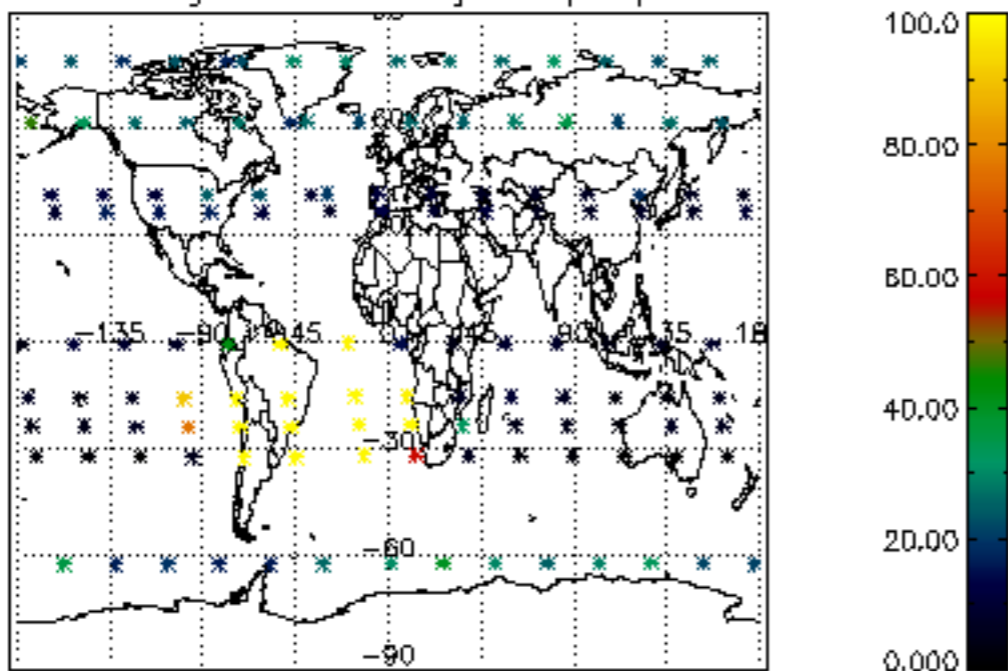
Percentage of flagged data per NO3 profile



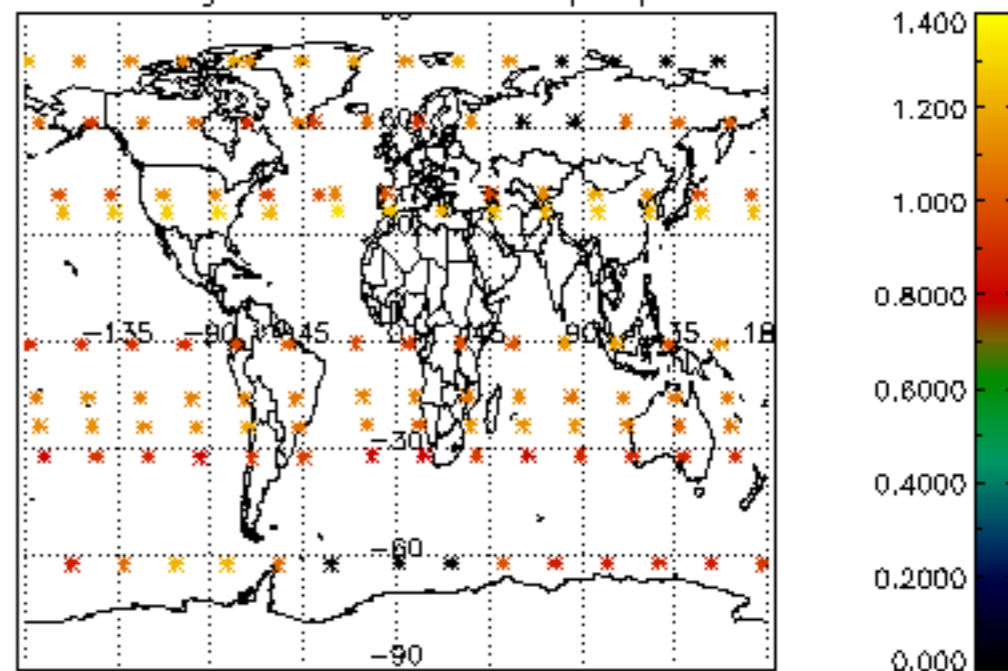




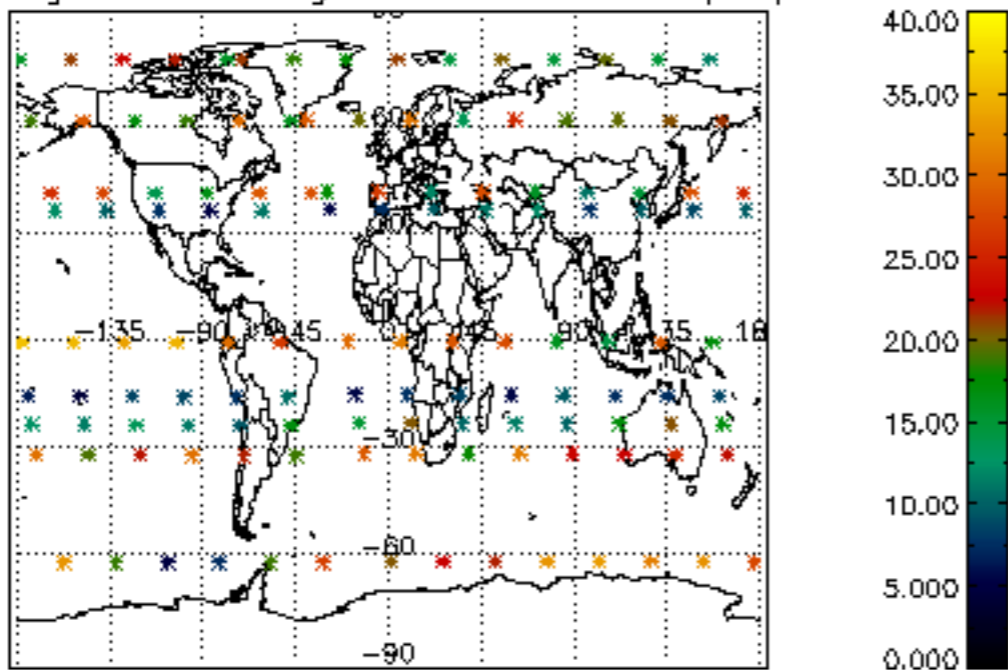
Percentage of cosmic ray hits per profile



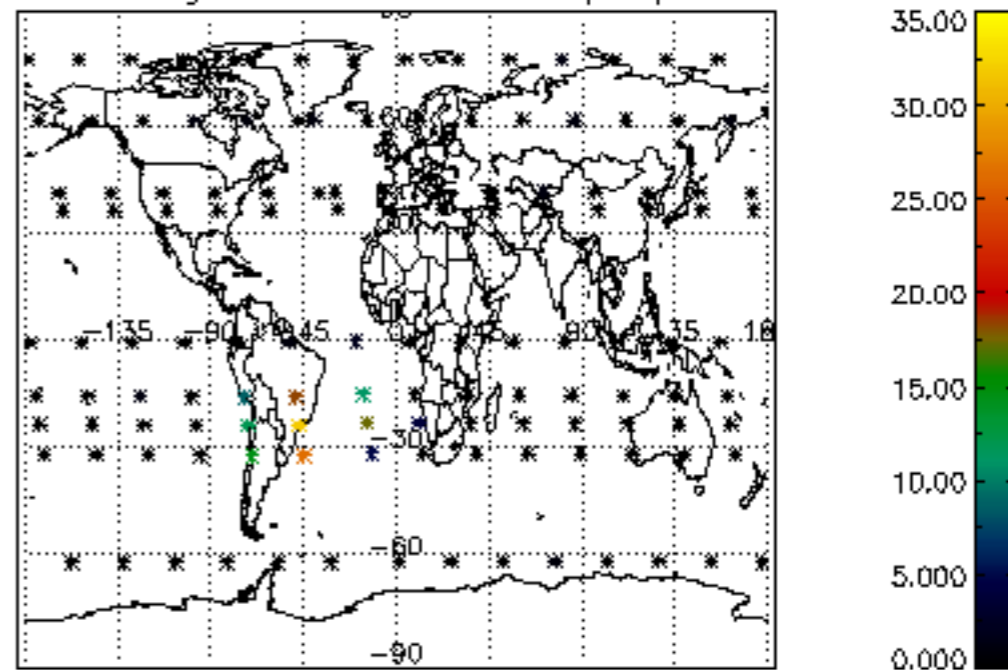
Percentage of datation errors per profile



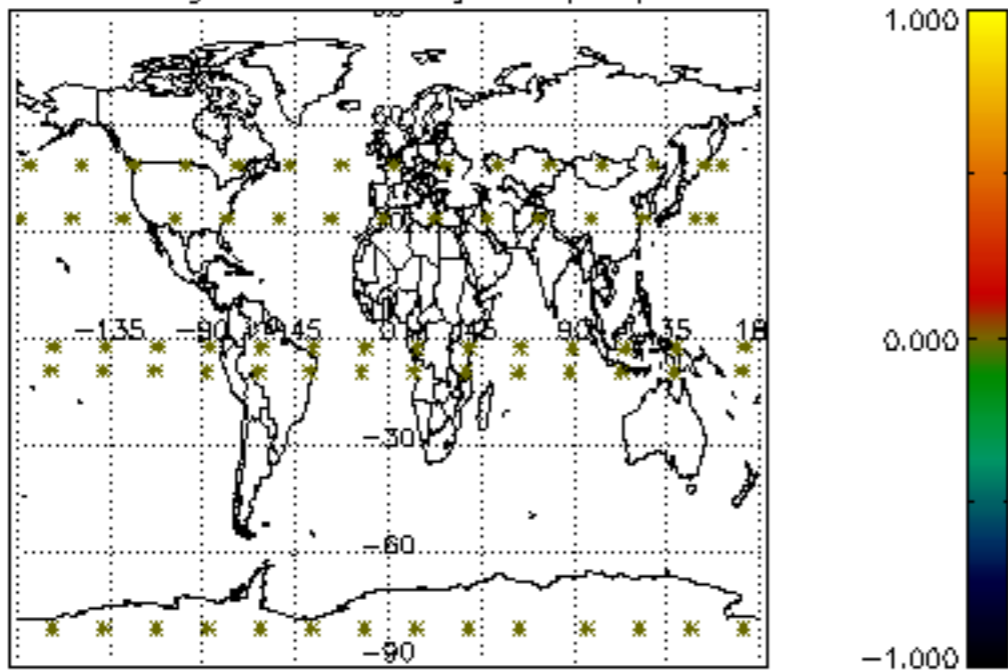
Percentage of star falling outside central band per profile



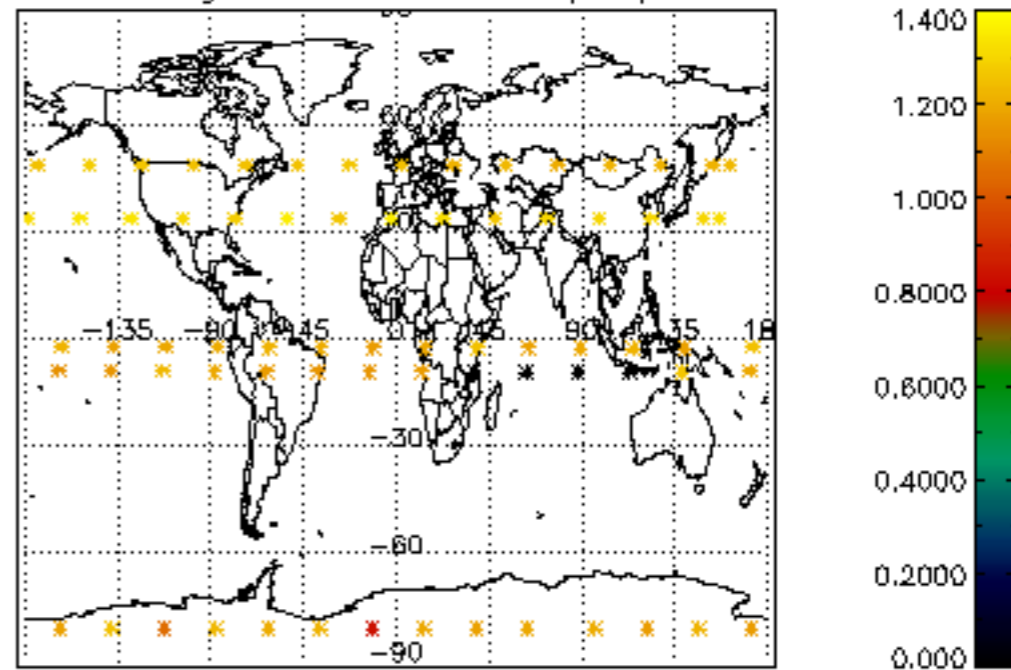
Percentage of saturation errors per profile



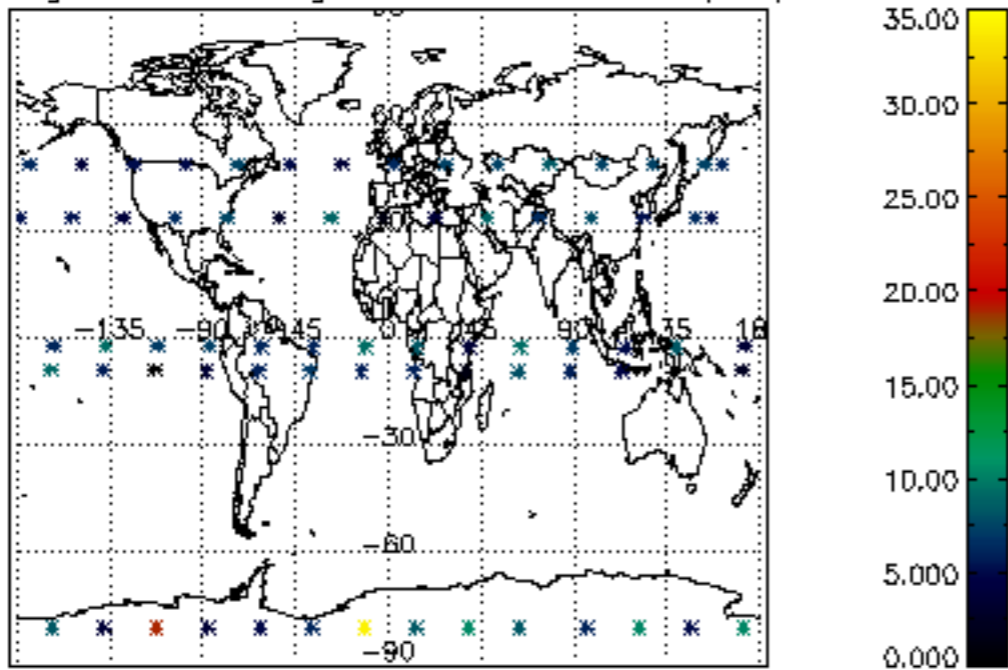
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

