

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 17:20:15
Data source version	GOMOS/6.01
Start time of products	24-08-2011 (24AUG2011 00:00:00)
Stop time of products	25-08-2011 (25AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	264
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

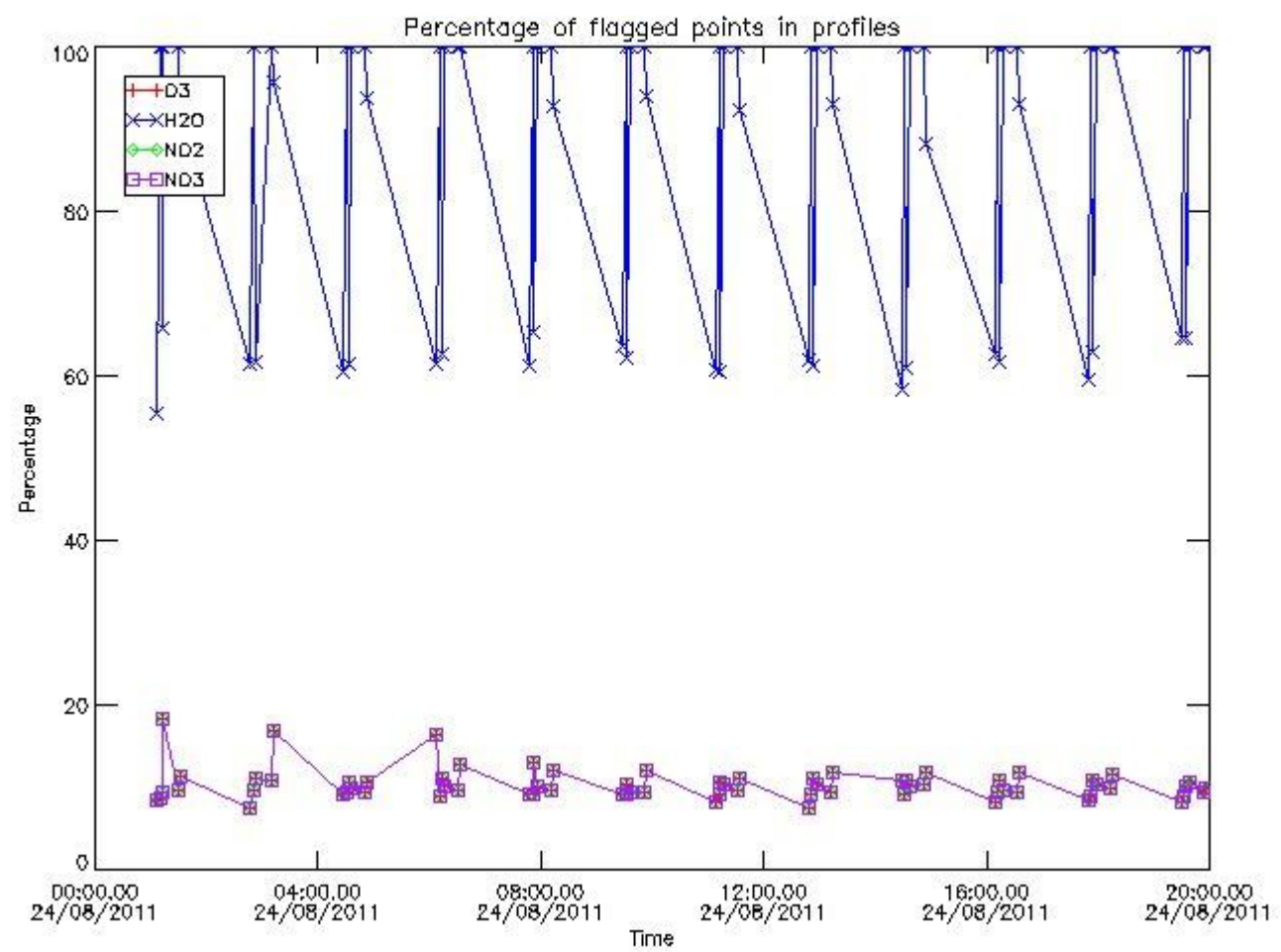
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110824_000027_000000563106_00002_49585_6124.N1	24-AUG-2011 00:00:27	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	49585	No
2	GOM_NL__2PRFIN20110824_000508_000000533106_00002_49585_6125.N1	24-AUG-2011 00:05:08	Straylight	52.500	18	24Alp PsA	1.1660	9700.0	105	49585	No
3	GOM_NL__2PRFIN20110824_001015_000000463106_00002_49585_6126.N1	24-AUG-2011 00:10:15	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49585	No
4	GOM_NL__2PRFIN20110824_001329_000000403106_00002_49585_6127.N1	24-AUG-2011 00:13:29	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	49585	No
5	GOM_NL__2PRFIN20110824_001509_000000443106_00002_49585_6128.N1	24-AUG-2011 00:15:09	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	49585	No
6	GOM_NL__2PRFIN20110824_001811_000000413106_00002_49585_6129.N1	24-AUG-2011 00:18:11	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49585	No
7	GOM_NL__2PRFIN20110824_002452_000000373106_00002_49585_6130.N1	24-AUG-2011 00:24:52	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49585	No
8	GOM_NL__2PRFIN20110824_002803_000000343106_00002_49585_6131.N1	24-AUG-2011 00:28:03	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	49585	No
9	GOM_NL__2PRFIN20110824_003312_000000373106_00002_49585_6132.N1	24-AUG-2011 00:33:12	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49585	No
10	GOM_NL__2PRFIN20110824_003652_000000473106_00002_49585_6133.N1	24-AUG-2011 00:36:52	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49585	No
11	GOM_NL__2PRFIN20110824_003904_000000483106_00002_49585_6134.N1	24-AUG-2011 00:39:04	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49585	No
12	GOM_NL__2PRFIN20110824_005254_000000533106_00002_49585_6135.N1	24-AUG-2011 00:52:54	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	49585	No
13	GOM_NL__2PRFIN20110824_005611_000000443106_00002_49585_6136.N1	24-AUG-2011 00:56:11	Bright	43.500	107	37The Aur	2.6490	11000.	87	49585	No
14	GOM_NL__2PRFIN20110824_010053_000000523106_00002_49585_6137.N1	24-AUG-2011 01:00:53	Twilight	52.000	151	13Mu Gem	2.8900	3000.0	104	49585	No
15	GOM_NL__2PRFIN20110824_010233_000000473106_00002_49585_6138.N1	24-AUG-2011 01:02:33	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	49585	No
16	GOM_NL__2PRFIN20110824_010631_000000613106_00002_49585_6139.N1	24-AUG-2011 01:06:31	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	49585	No
17	GOM_NL__2PRFIN20110824_011009_000000593106_00002_49585_6140.N1	24-AUG-2011 01:10:09	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	49585	No
18	GOM_NL__2PRFIN20110824_011154_000000553106_00002_49585_6141.N1	24-AUG-2011 01:11:54	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	49585	No
19	GOM_NL__2PRFIN20110824_011336_000000283106_00002_49585_6142.N1	24-AUG-2011 01:13:36	Dark	28.000	7	19Bet Ori	0.10000	14000.	56	49585	No
20	GOM_NL__2PRFIN20110824_012949_000000543106_00003_49586_6121.N1	24-AUG-2011 01:29:49	Dark	53.500	157	The1Eri	2.9060	9300.0	107	49586	No
21	GOM_NL__2PRFIN20110824_013247_000000503106_00003_49586_6122.N1	24-AUG-2011 01:32:47	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49586	No
22	GOM_NL__2PRFIN20110824_013842_000000493106_00003_49586_6123.N1	24-AUG-2011 01:38:42	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49586	No
23	GOM_NL__2PRFIN20110824_014041_000000493106_00003_49586_6124.N1	24-AUG-2011 01:40:41	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	49586	No
24	GOM_NL__2PRFIN20110824_014523_000000493106_00003_49586_6125.N1	24-AUG-2011 01:45:23	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	49586	No
25	GOM_NL__2PRFIN20110824_015029_000000443106_00003_49586_6126.N1	24-AUG-2011 01:50:29	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49586	No
26	GOM_NL__2PRFIN20110824_015343_000000413106_00003_49586_6127.N1	24-AUG-2011 01:53:43	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49586	No
27	GOM_NL__2PRFIN20110824_015522_000000443106_00003_49586_6128.N1	24-AUG-2011 01:55:22	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	49586	No
28	GOM_NL__2PRFIN20110824_015825_000000413106_00003_49586_6129.N1	24-AUG-2011 01:58:25	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49586	No
29	GOM_NL__2PRFIN20110824_020506_000000383106_00003_49586_6130.N1	24-AUG-2011 02:05:06	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49586	No
30	GOM_NL__2PRFIN20110824_020817_000000383106_00003_49586_6131.N1	24-AUG-2011 02:08:17	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49586	No
31	GOM_NL__2PRFIN20110824_021326_000000363106_00003_49586_6132.N1	24-AUG-2011 02:13:26	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49586	No
32	GOM_NL__2PRFIN20110824_021705_000000443106_00003_49586_6133.N1	24-AUG-2011 02:17:05	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	49586	No
33	GOM_NL__2PRFIN20110824_021918_000000443106_00003_49586_6134.N1	24-AUG-2011 02:19:18	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	49586	No
34	GOM_NL__2PRFIN20110824_023308_000000523106_00003_49586_6135.N1	24-AUG-2011 02:33:08	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49586	No
35	GOM_NL__2PRFIN20110824_023625_000000433106_00003_49586_6136.N1	24-AUG-2011 02:36:25	Bright	43.000	107	37The Aur	2.6490	11000.	86	49586	No
36	GOM_NL__2PRFIN20110824_024107_000000523106_00003_49586_6137.N1	24-AUG-2011 02:41:07	Twilight	52.000	151	13Mu Gem	2.8900	3000.0	104	49586	No
37	GOM_NL__2PRFIN20110824_024247_000000483106_00003_49586_6138.N1	24-AUG-2011 02:42:47	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	49586	No
38	GOM_NL__2PRFIN20110824_024646_000000683106_00003_49586_6139.N1	24-AUG-2011 02:46:46	Dark	68.000	14	58Alp Ori	0.87000	3000.0	136	49586	No
39	GOM_NL__2PRFIN20110824_025023_000000533106_00003_49586_6140.N1	24-AUG-2011 02:50:23	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	49586	No
40	GOM_NL__2PRFIN20110824_025208_000000463106_00003_49586_6141.N1	24-AUG-2011 02:52:08	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	49586	No
41	GOM_NL__2PRFIN20110824_031005_000000523106_00004_49587_6121.N1	24-AUG-2011 03:10:05	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49587	No
42	GOM_NL__2PRFIN20110824_031302_000000463106_00004_49587_6122.N1	24-AUG-2011 03:13:02	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49587	No

220	GOM_NL__2PRFIN20110824_165236_000000493106_00012_49595_6146.N1	24-AUG-2011 16:52:36	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	49595	No
221	GOM_NL__2PRFIN20110824_165549_000000393106_00012_49595_6147.N1	24-AUG-2011 16:55:49	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	49595	No
222	GOM_NL__2PRFIN20110824_165727_000000433106_00012_49595_6148.N1	24-AUG-2011 16:57:27	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	49595	No
223	GOM_NL__2PRFIN20110824_170030_000000403106_00012_49595_6149.N1	24-AUG-2011 17:00:30	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	49595	No
224	GOM_NL__2PRFIN20110824_170712_000000393106_00012_49595_6150.N1	24-AUG-2011 17:07:12	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49595	No
225	GOM_NL__2PRFIN20110824_171530_000000363106_00012_49595_6151.N1	24-AUG-2011 17:15:30	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	49595	No
226	GOM_NL__2PRFIN20110824_171905_000000463106_00012_49595_6152.N1	24-AUG-2011 17:19:05	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49595	No
227	GOM_NL__2PRFIN20110824_172117_000000493106_00012_49595_6153.N1	24-AUG-2011 17:21:17	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49595	No
228	GOM_NL__2PRFIN20110824_173512_000000573106_00012_49595_6154.N1	24-AUG-2011 17:35:12	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	49595	No
229	GOM_NL__2PRFIN20110824_173832_000000453106_00012_49595_6155.N1	24-AUG-2011 17:38:32	Bright	44.500	107	37The Aur	2.6490	11000.	89	49595	No
230	GOM_NL__2PRFIN20110824_174456_000000493106_00012_49595_6156.N1	24-AUG-2011 17:44:56	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	49595	No
231	GOM_NL__2PRFIN20110824_174857_000000613106_00012_49595_6157.N1	24-AUG-2011 17:48:57	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	49595	No
232	GOM_NL__2PRFIN20110824_175237_000000573106_00012_49595_6158.N1	24-AUG-2011 17:52:37	Dark	56.500	33	50Zet Ori	1.7660	30000.	113	49595	No
233	GOM_NL__2PRFIN20110824_175419_000000483106_00012_49595_6159.N1	24-AUG-2011 17:54:19	Dark	47.500	1	9Alp CMA	-1.4400	11000.	95	49595	No
234	GOM_NL__2PRFIN20110824_175738_000000493106_00012_49595_6160.N1	24-AUG-2011 17:57:38	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	49595	No
235	GOM_NL__2PRFIN20110824_181221_000000523106_00013_49596_6141.N1	24-AUG-2011 18:12:21	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49596	No
236	GOM_NL__2PRFIN20110824_181514_000000453106_00013_49596_6142.N1	24-AUG-2011 18:15:14	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49596	No
237	GOM_NL__2PRFIN20110824_182109_000000483106_00013_49596_6143.N1	24-AUG-2011 18:21:09	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	49596	No
238	GOM_NL__2PRFIN20110824_182305_000000413106_00013_49596_6144.N1	24-AUG-2011 18:23:05	Straylight	40.500	63	Bet Gru	2.1500	2800.0	81	49596	No
239	GOM_NL__2PRFIN20110824_182746_000000513106_00013_49596_6145.N1	24-AUG-2011 18:27:46	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	49596	No
240	GOM_NL__2PRFIN20110824_183250_000000503106_00013_49596_6146.N1	24-AUG-2011 18:32:50	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49596	No
241	GOM_NL__2PRFIN20110824_183603_000000393106_00013_49596_6147.N1	24-AUG-2011 18:36:03	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	49596	No
242	GOM_NL__2PRFIN20110824_183741_000000433106_00013_49596_6148.N1	24-AUG-2011 18:37:41	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	49596	No
243	GOM_NL__2PRFIN20110824_184044_000000403106_00013_49596_6149.N1	24-AUG-2011 18:40:44	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	49596	No
244	GOM_NL__2PRFIN20110824_184726_000000363106_00013_49596_6150.N1	24-AUG-2011 18:47:26	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	49596	No
245	GOM_NL__2PRFIN20110824_185544_000000383106_00013_49596_6151.N1	24-AUG-2011 18:55:44	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49596	No
246	GOM_NL__2PRFIN20110824_185918_000000463106_00013_49596_6152.N1	24-AUG-2011 18:59:18	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49596	No
247	GOM_NL__2PRFIN20110824_190130_000000493106_00013_49596_6153.N1	24-AUG-2011 19:01:30	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49596	No
248	GOM_NL__2PRFIN20110824_191526_000000493106_00013_49596_6154.N1	24-AUG-2011 19:15:26	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49596	No
249	GOM_NL__2PRFIN20110824_191846_000000433106_00013_49596_6155.N1	24-AUG-2011 19:18:46	Bright	42.500	107	37The Aur	2.6490	11000.	85	49596	No
250	GOM_NL__2PRFIN20110824_192222_000000473106_00013_49596_6156.N1	24-AUG-2011 19:22:22	Bright	46.500	170	27Eps Gem	3.0000	9700.0	93	49596	No
251	GOM_NL__2PRFIN20110824_192510_000000483106_00013_49596_6157.N1	24-AUG-2011 19:25:10	Tw_i_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	49596	No
252	GOM_NL__2PRFIN20110824_192912_000000633106_00013_49596_6158.N1	24-AUG-2011 19:29:12	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	49596	No
253	GOM_NL__2PRFIN20110824_193252_000000583106_00013_49596_6159.N1	24-AUG-2011 19:32:52	Dark	57.500	33	50Zet Ori	1.7660	30000.	115	49596	No
254	GOM_NL__2PRFIN20110824_193433_000000503106_00013_49596_6160.N1	24-AUG-2011 19:34:33	Dark	50.000	1	9Alp CMA	-1.4400	11000.	100	49596	No
255	GOM_NL__2PRFIN20110824_193752_000000493106_00013_49596_6161.N1	24-AUG-2011 19:37:52	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49596	No
256	GOM_NL__2PRFIN20110824_195237_000000553106_00014_49597_6141.N1	24-AUG-2011 19:52:37	Dark	54.500	157	The1Eri	2.9060	9300.0	109	49597	No
257	GOM_NL__2PRFIN20110824_195528_000000523106_00014_49597_6142.N1	24-AUG-2011 19:55:28	Dark	51.500	9	Alp Eri	0.45300	24000.	103	49597	No
258	GOM_NL__2PRFIN20110824_200124_000000583106_00014_49597_6143.N1	24-AUG-2011 20:01:24	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	49597	No
259	GOM_NL__2PRFIN20110824_200319_000000553106_00014_49597_6144.N1	24-AUG-2011 20:03:19	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	49597	No
260	GOM_NL__2PRFIN20110824_200800_000000513106_00014_49597_6145.N1	24-AUG-2011 20:08:00	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	49597	No
261	GOM_NL__2PRFIN20110824_201304_000000563106_00014_49597_6146.N1	24-AUG-2011 20:13:04	Bright	56.000	142	49Del Cap	2.8500	8900.0	112	49597	No
262	GOM_NL__2PRFIN20110824_201617_000000403106_00014_49597_6147.N1	24-AUG-2011 20:16:17	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	49597	No
263	GOM_NL__2PRFIN20110824_201755_000000443106_00014_49597_6148.N1	24-AUG-2011 20:17:55	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	49597	No
264	GOM_NL__2PRFIN20110824_202058_000000413106_00014_49597_6149.N1	24-AUG-2011 20:20:58	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49597	No

3. Quality information per product

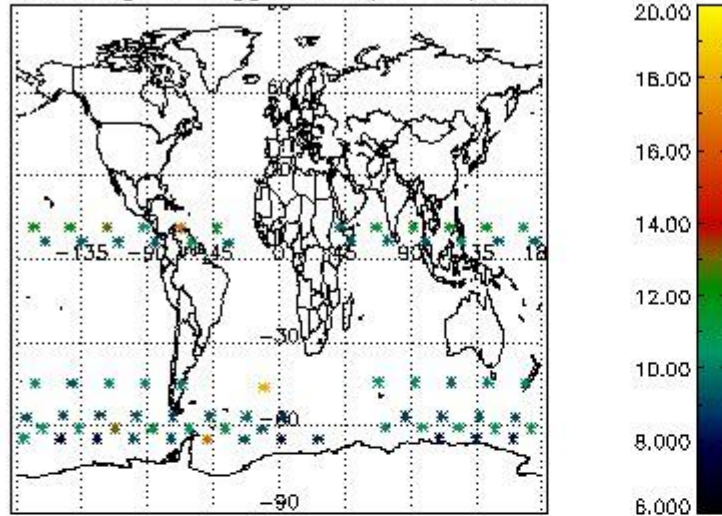
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

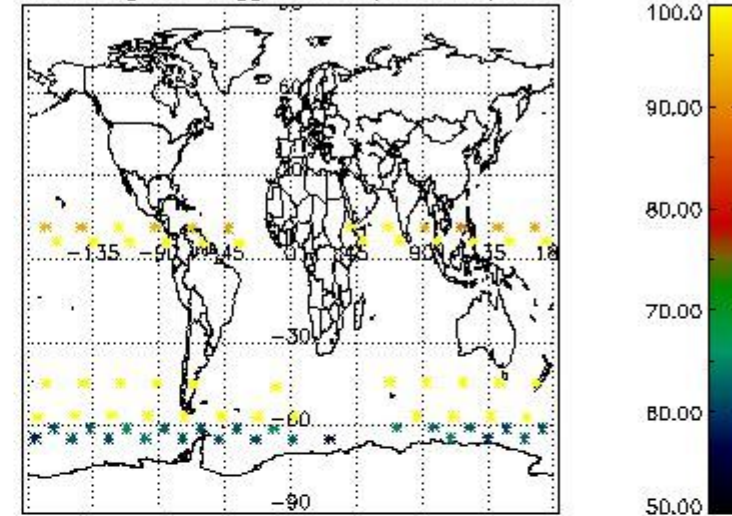


3.2 Plot quality information per product (world map)

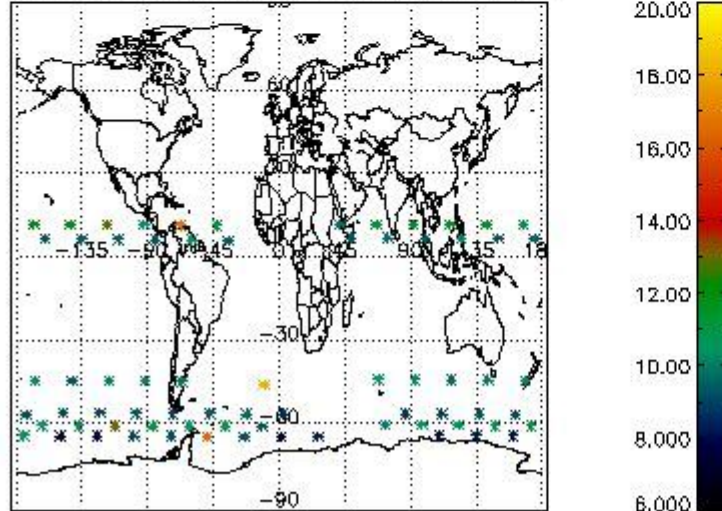
Percentage of flagged data per O3 profile



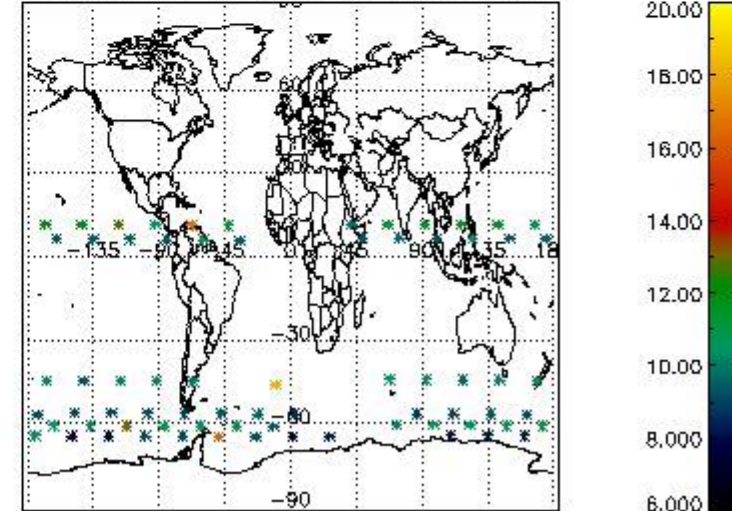
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

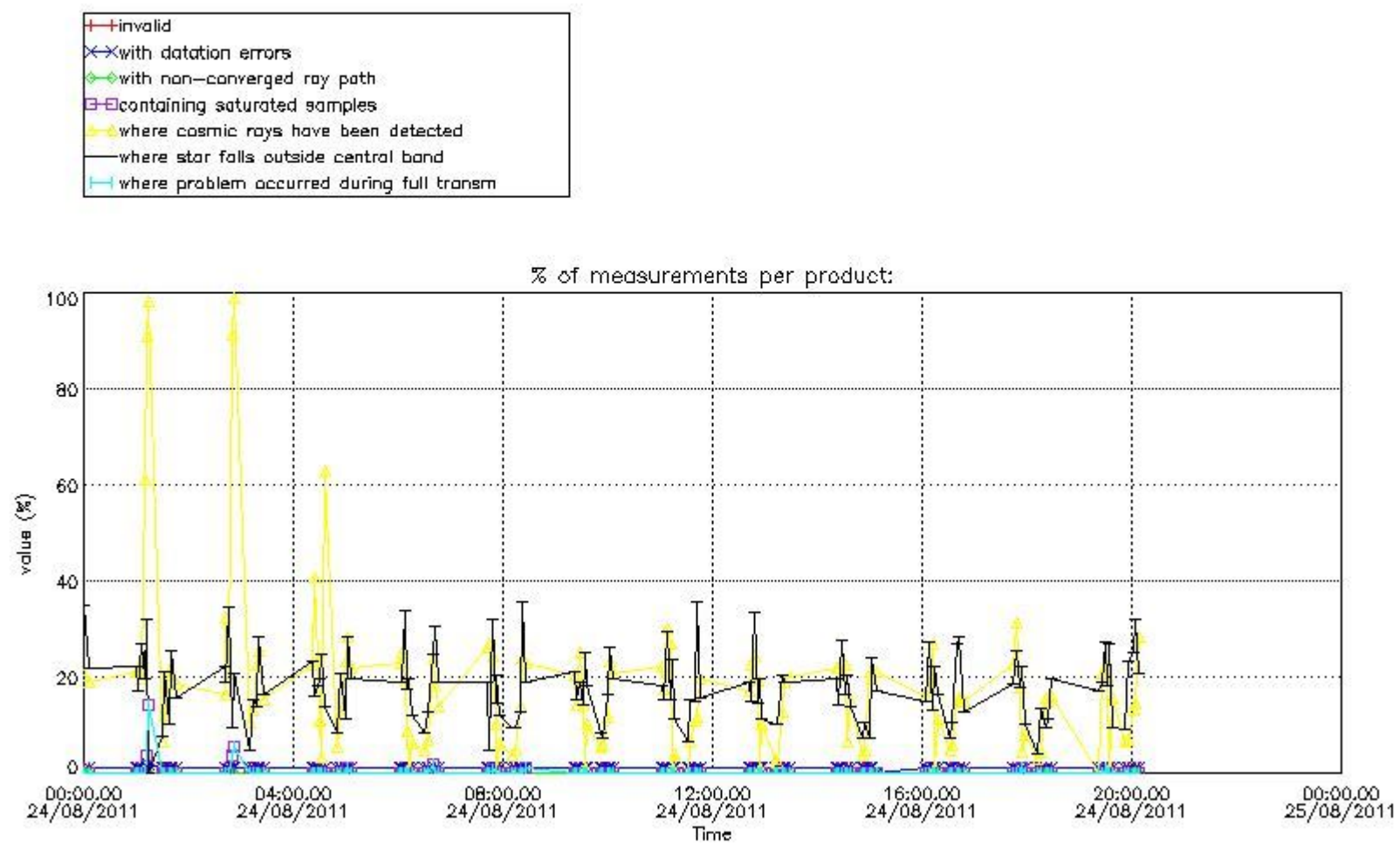


4. Level 1 quality information per product

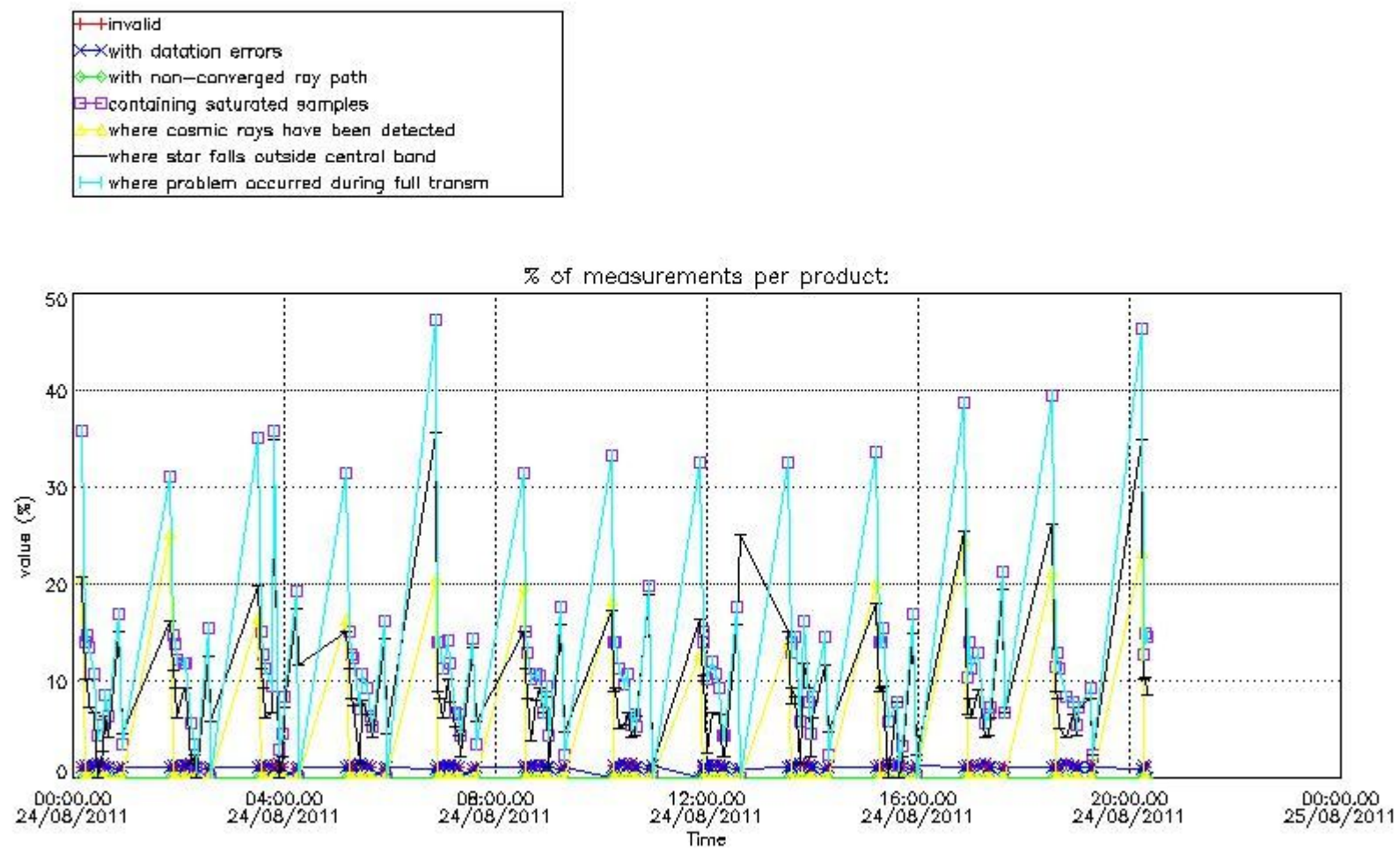
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

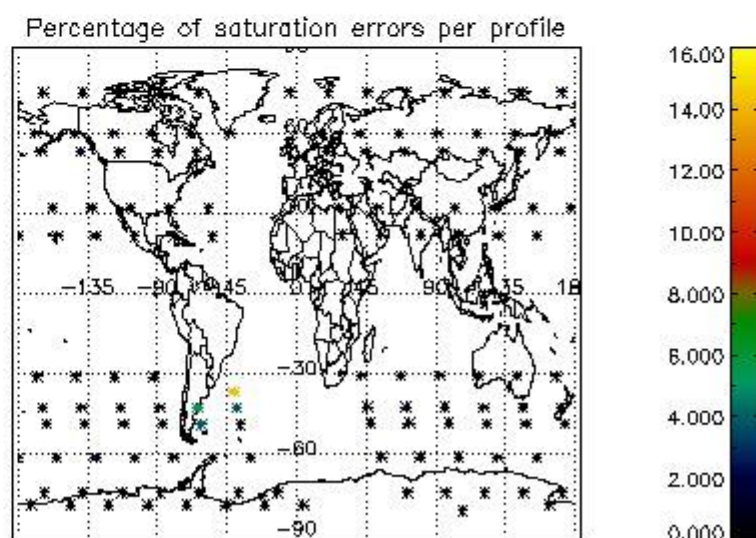
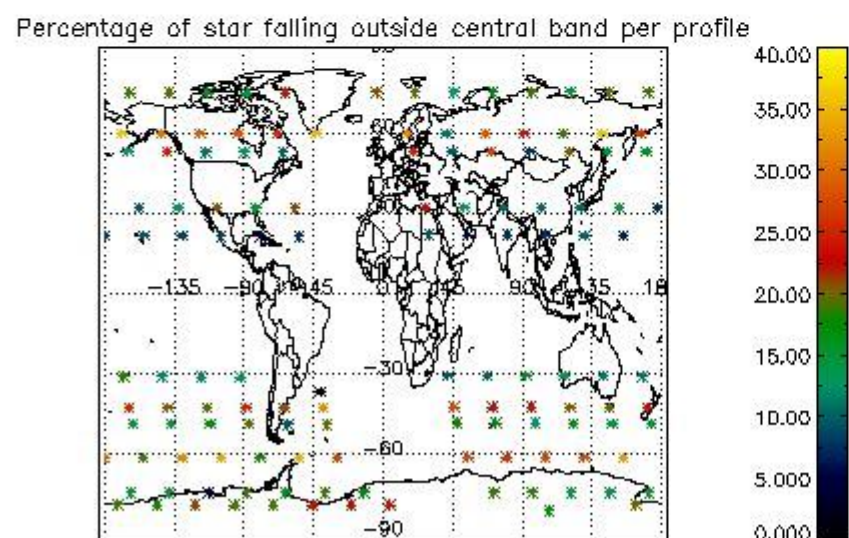
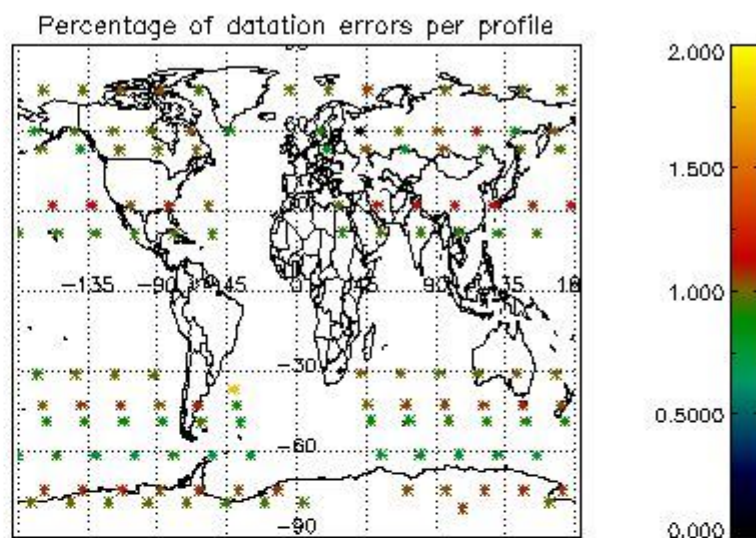
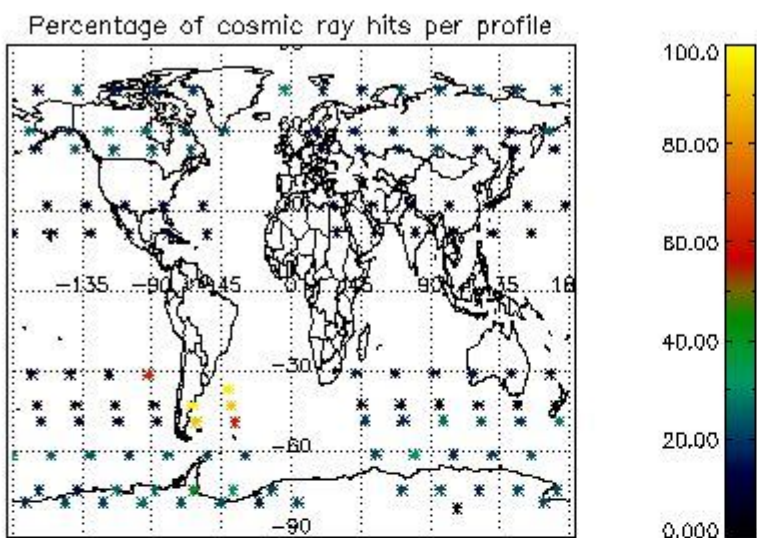


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

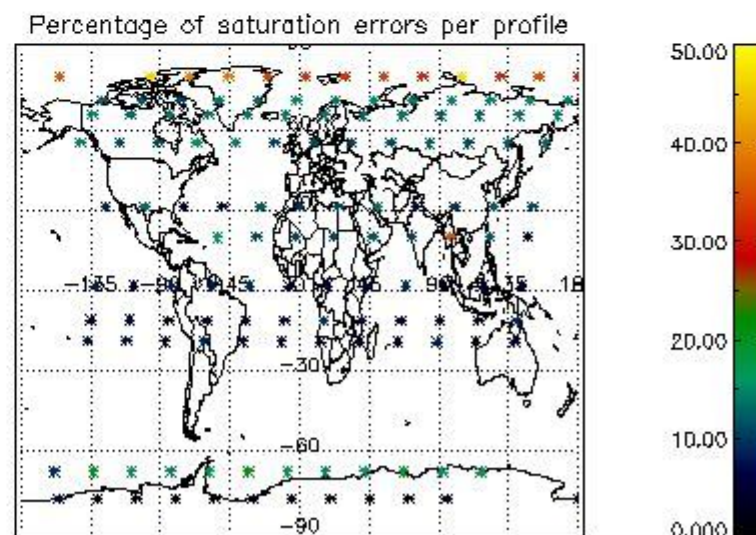
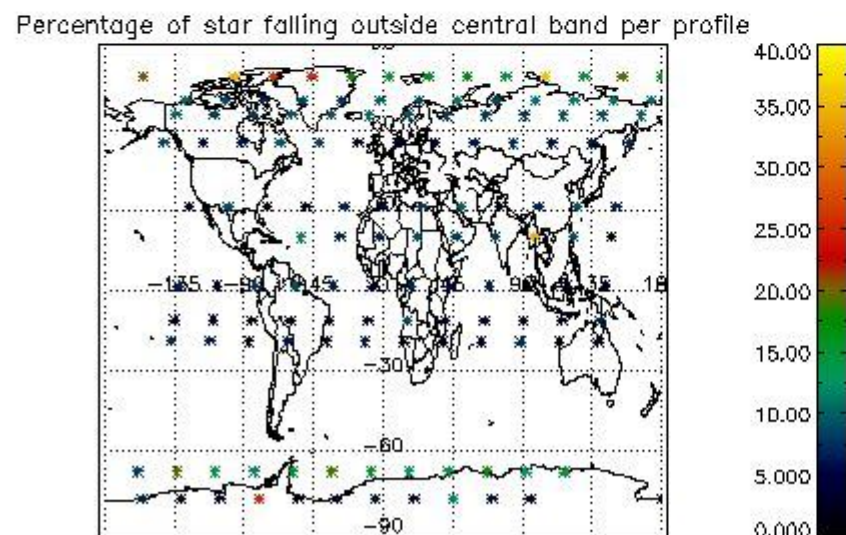
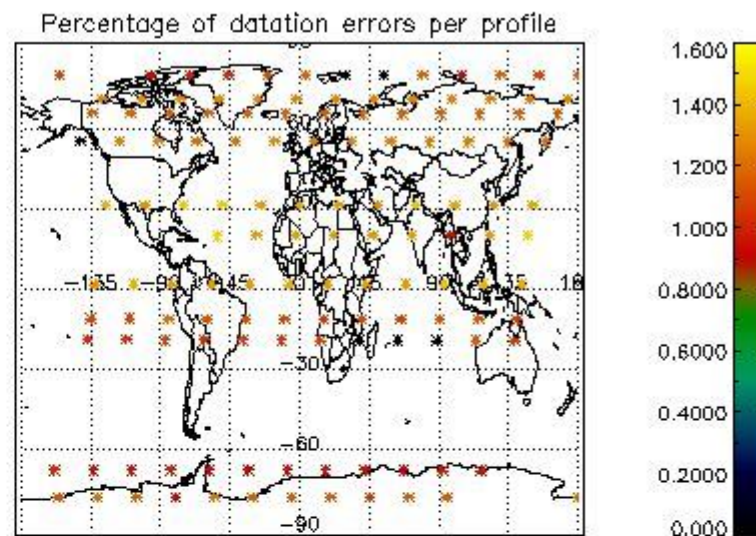
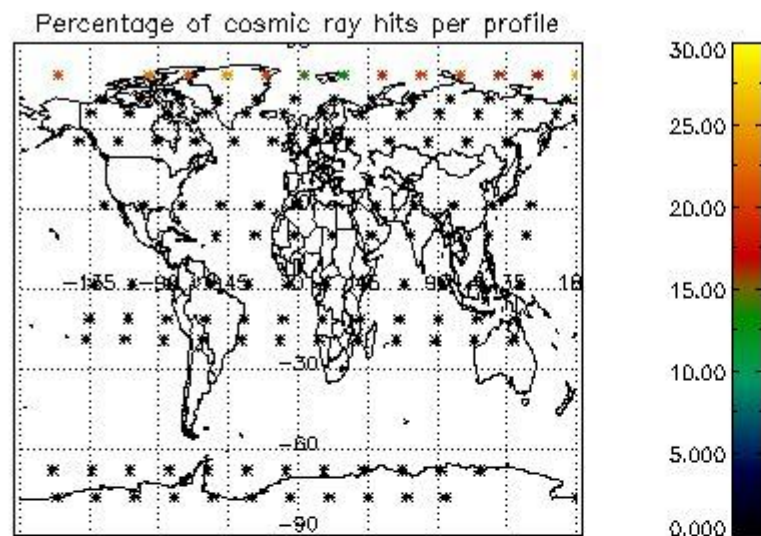


4.2 Plot quality information per product coming from level 1b processing (world map)

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

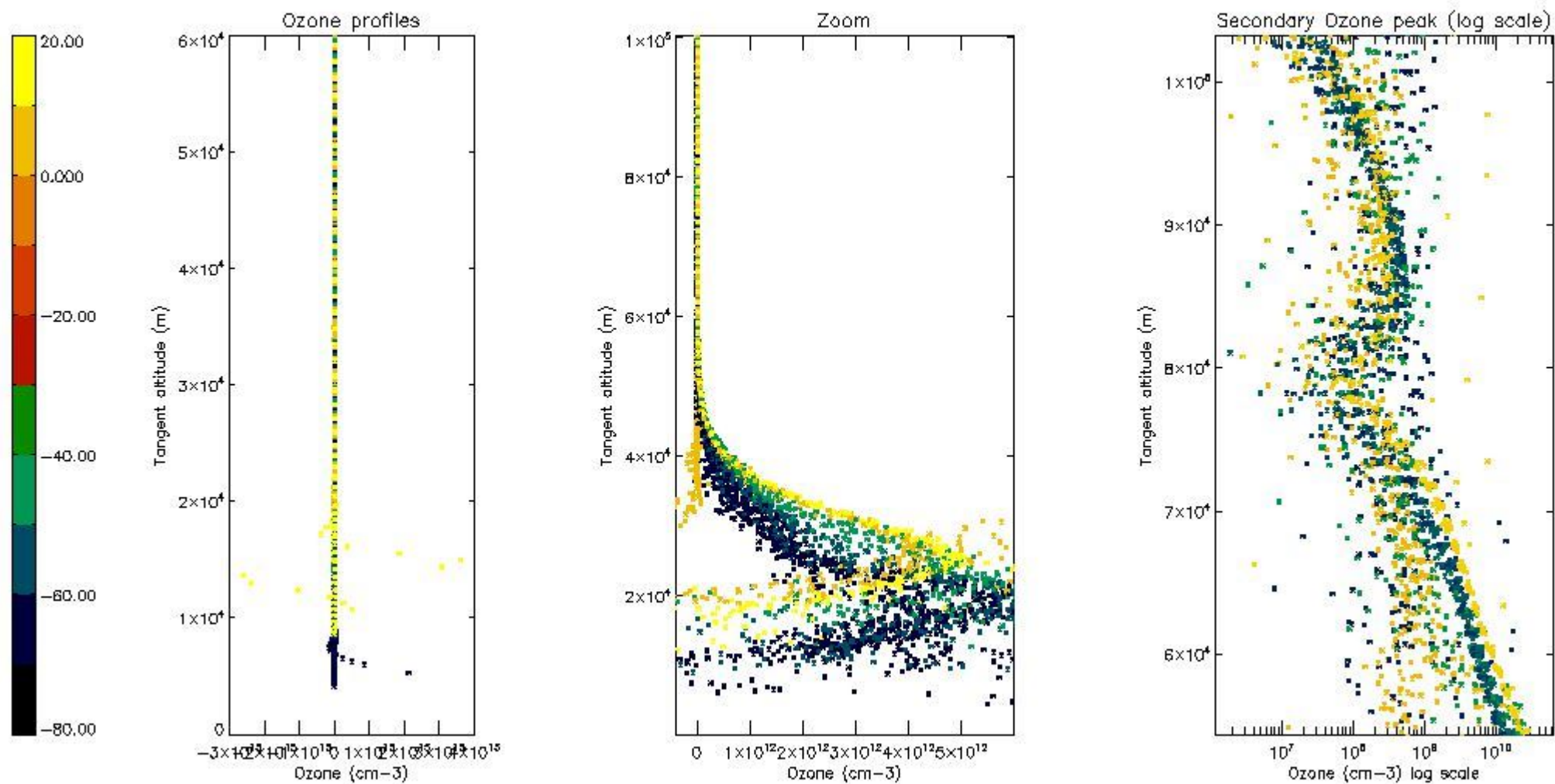
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	16

STD < 10	13
STD < 5	9

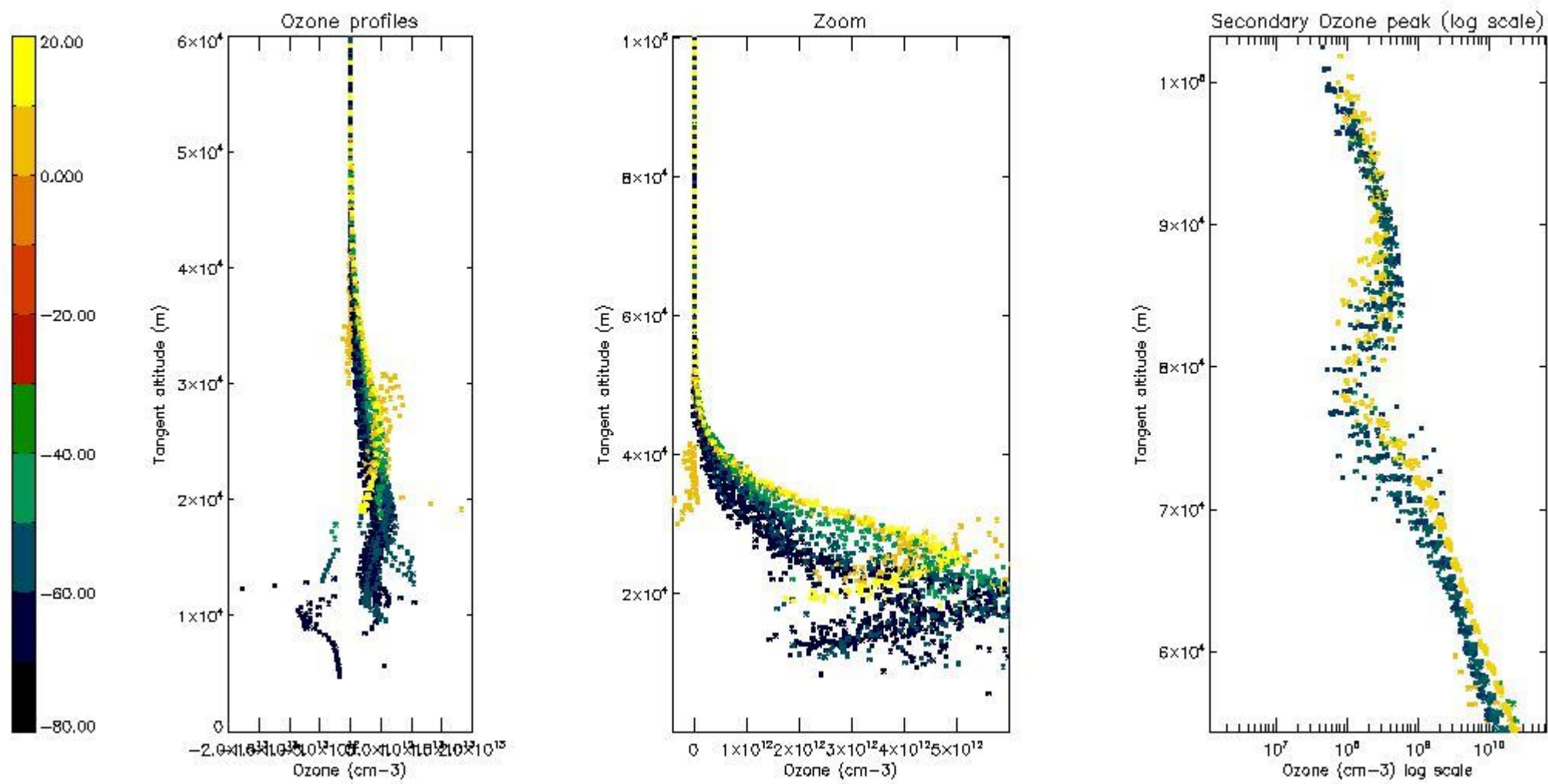
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



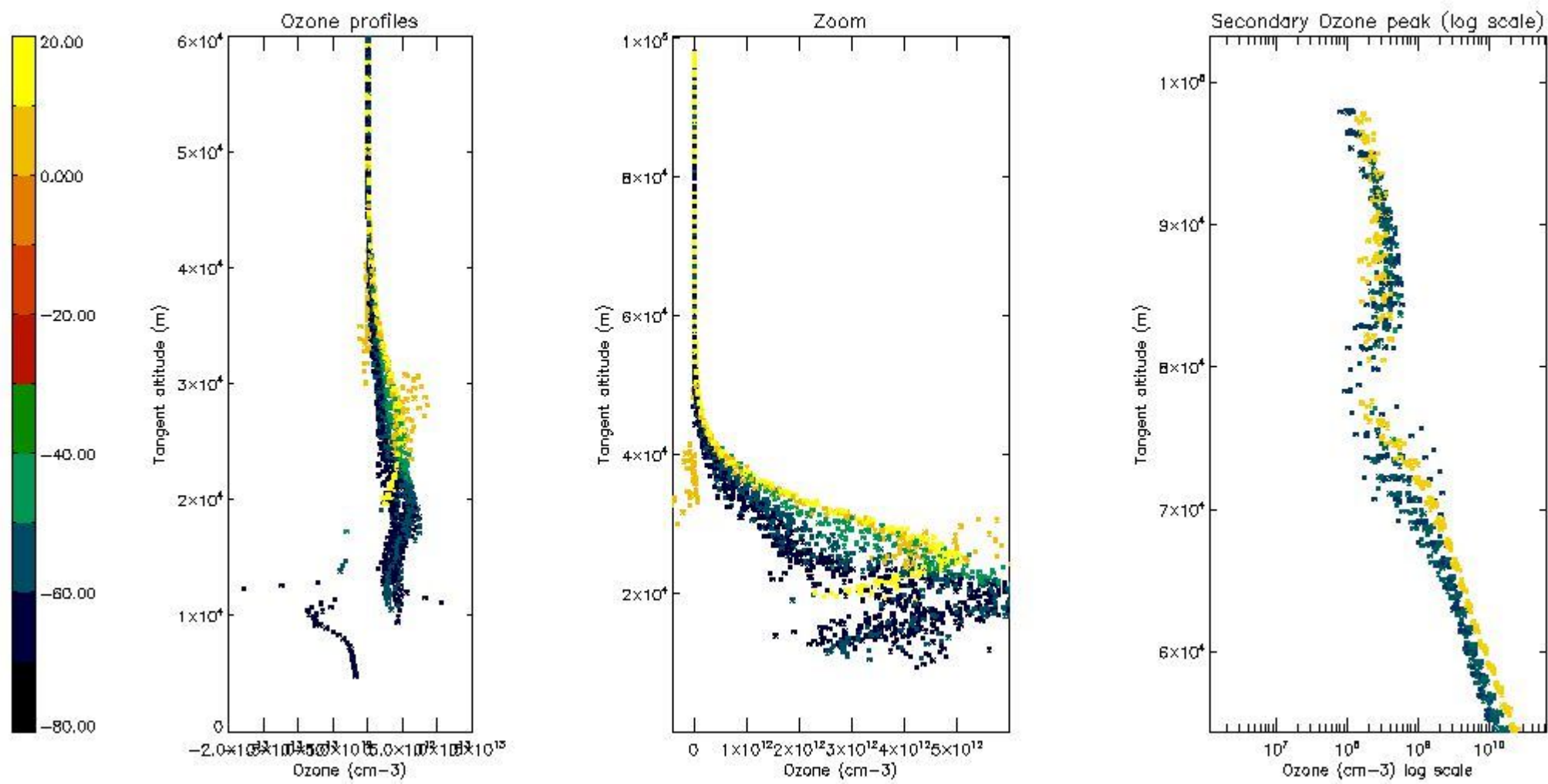
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



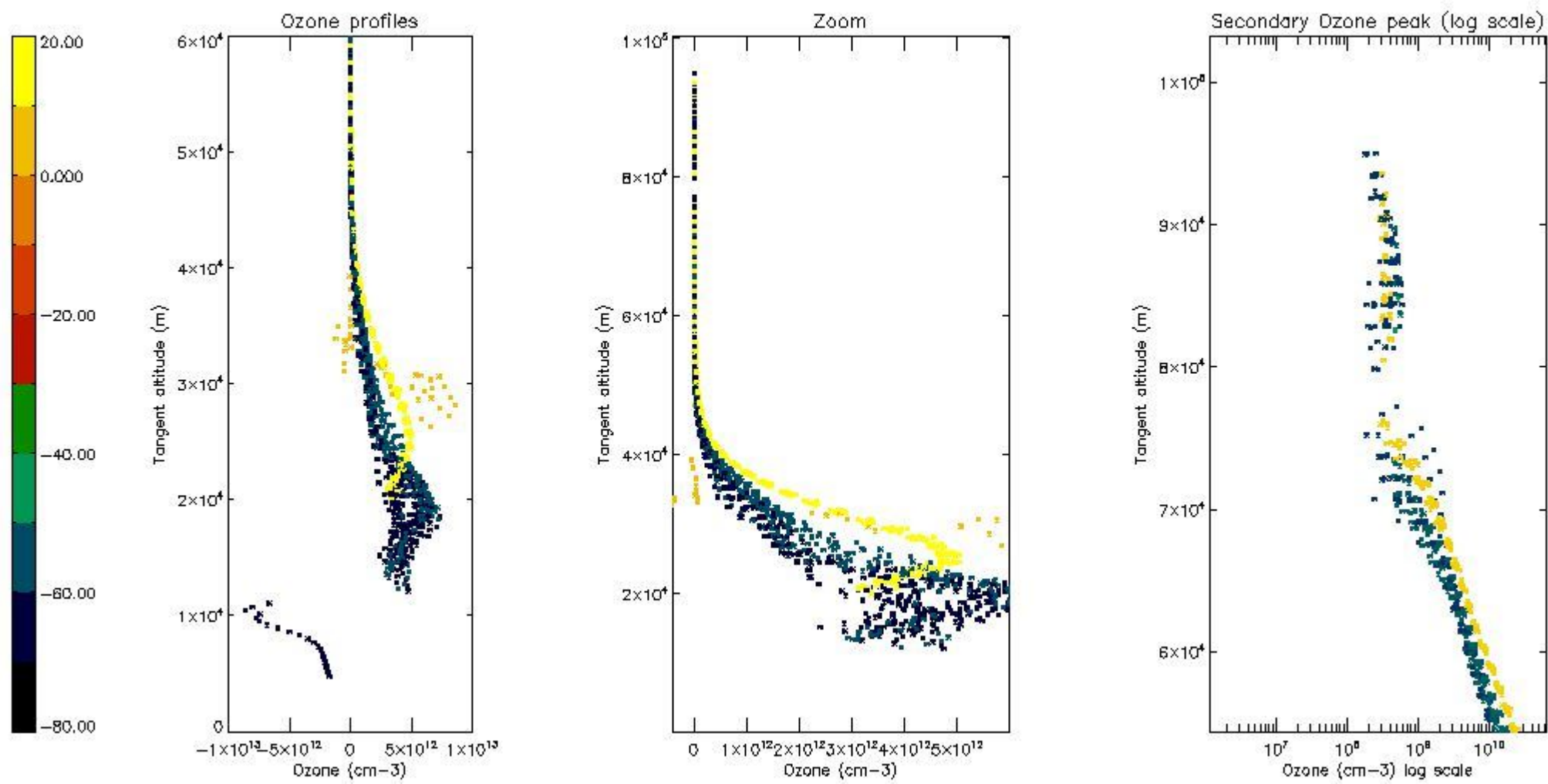
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



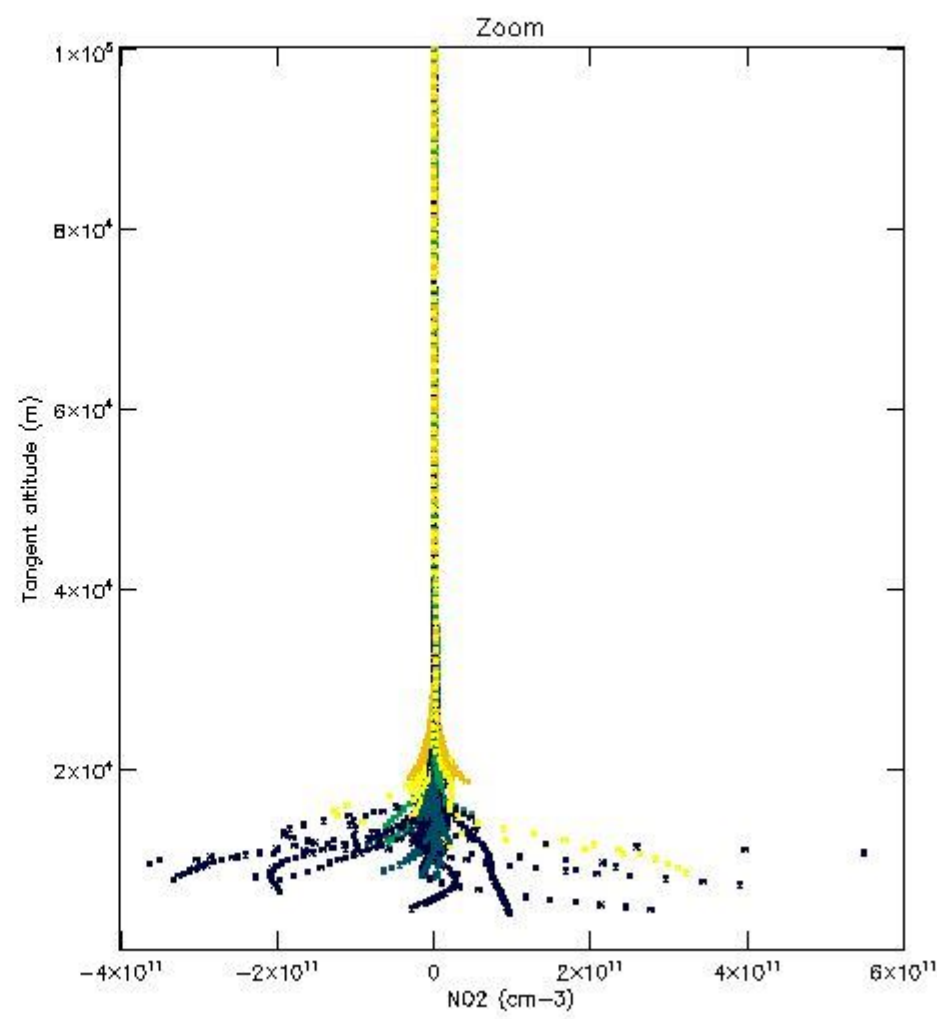
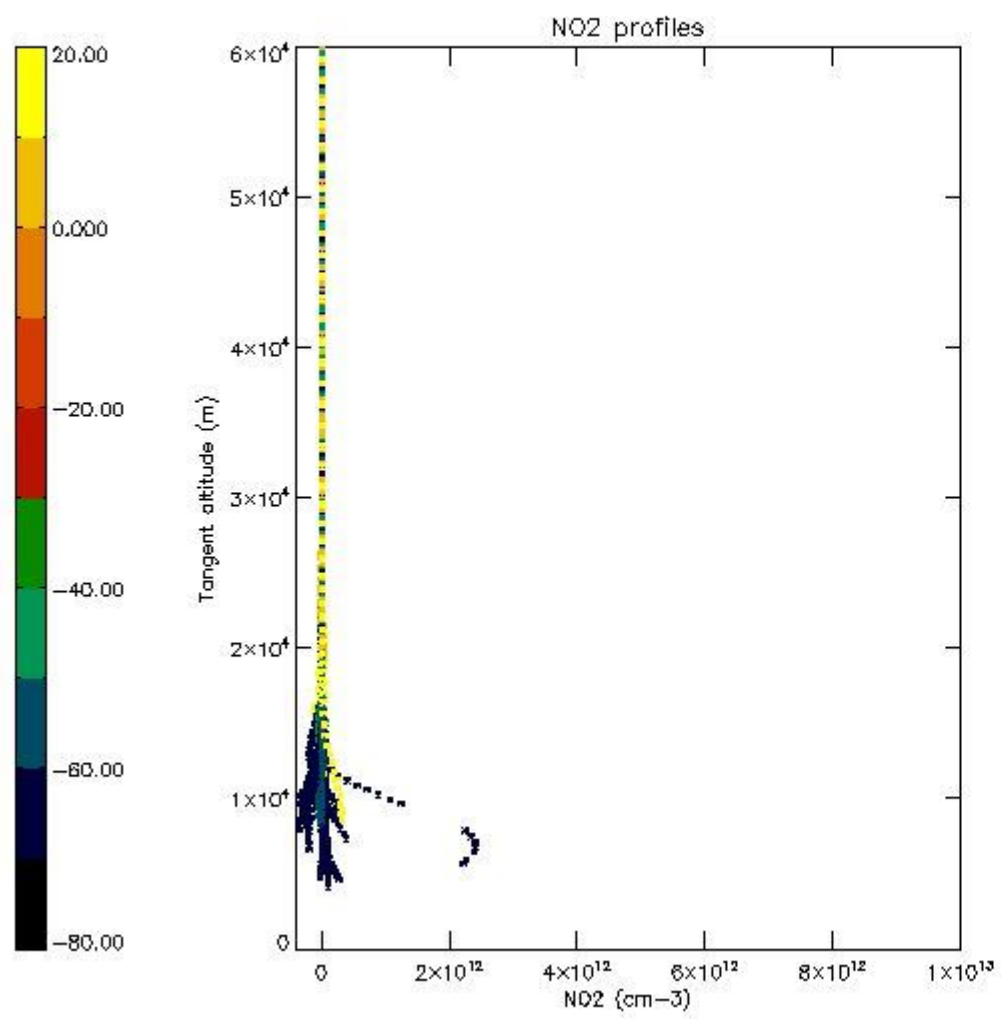
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



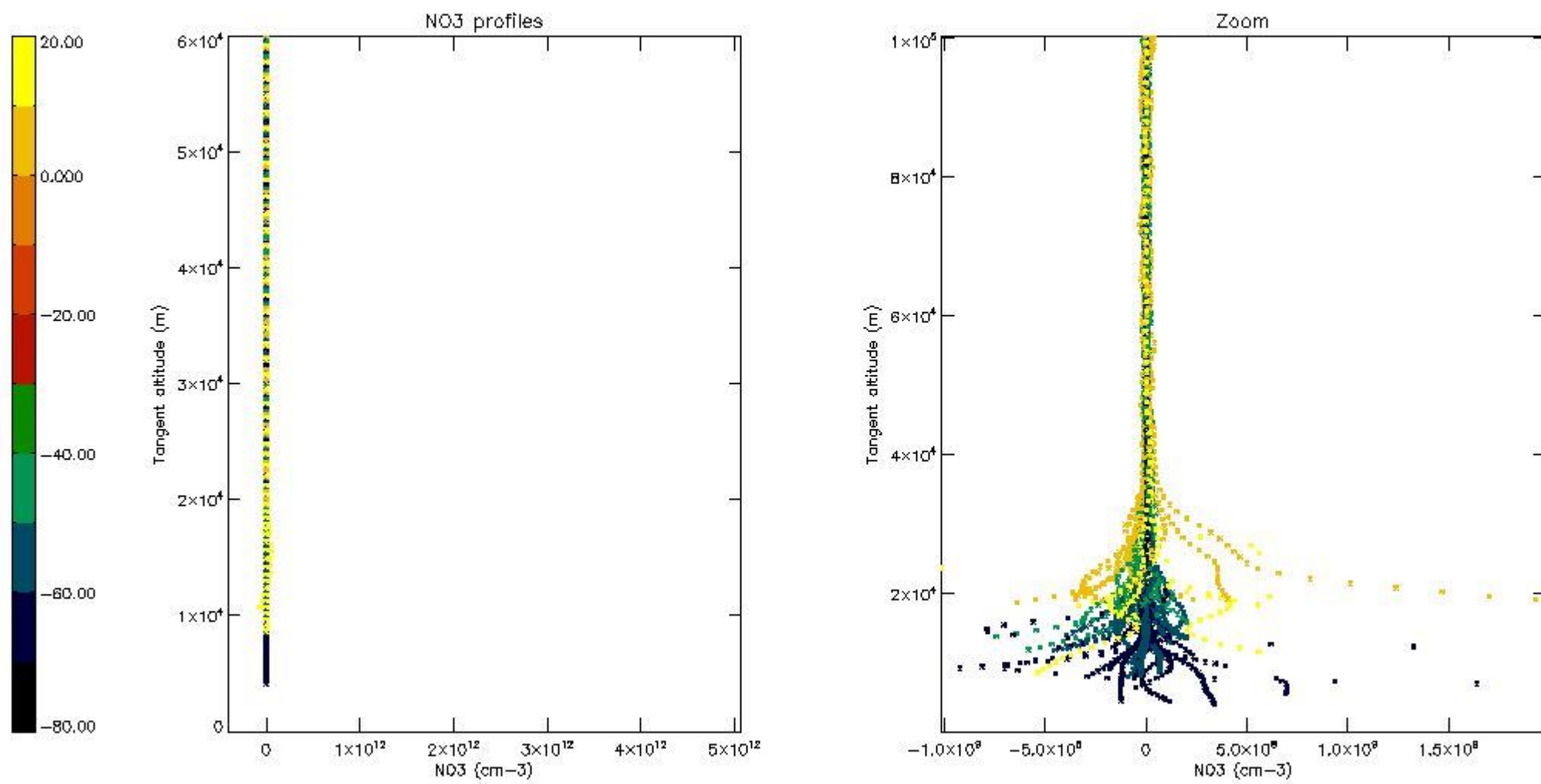
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



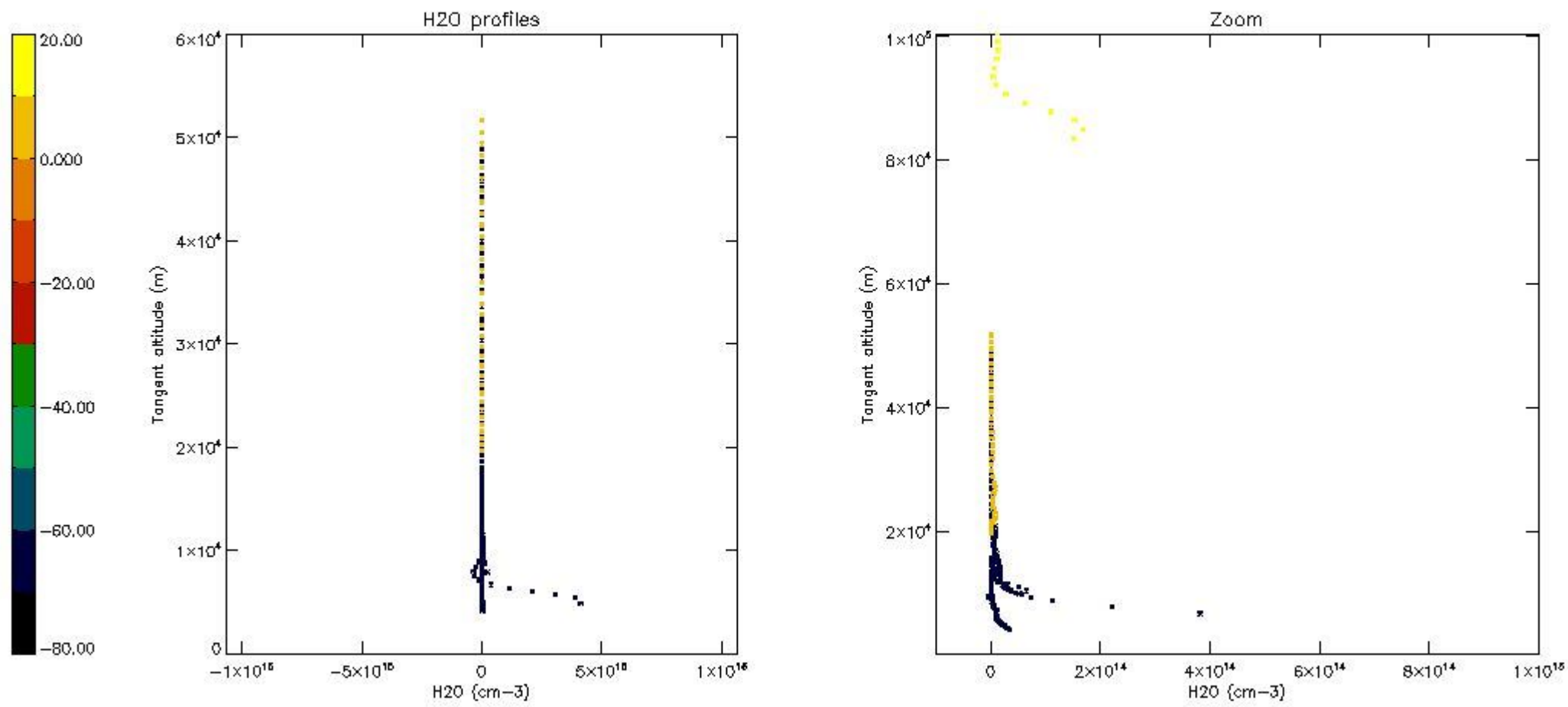
5.7 Plot NO3 profiles for all STD (dark without errors)

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	24-AUG-2011 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-AUG-2011 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-AUG-2011 00:00:27

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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[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](#)

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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	24APR2013 17:20:15
Data source version	GOMOS/6.01
Start time of products	24-08-2011 (24AUG2011 00:00:00)
Stop time of products	25-08-2011 (25AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	264
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

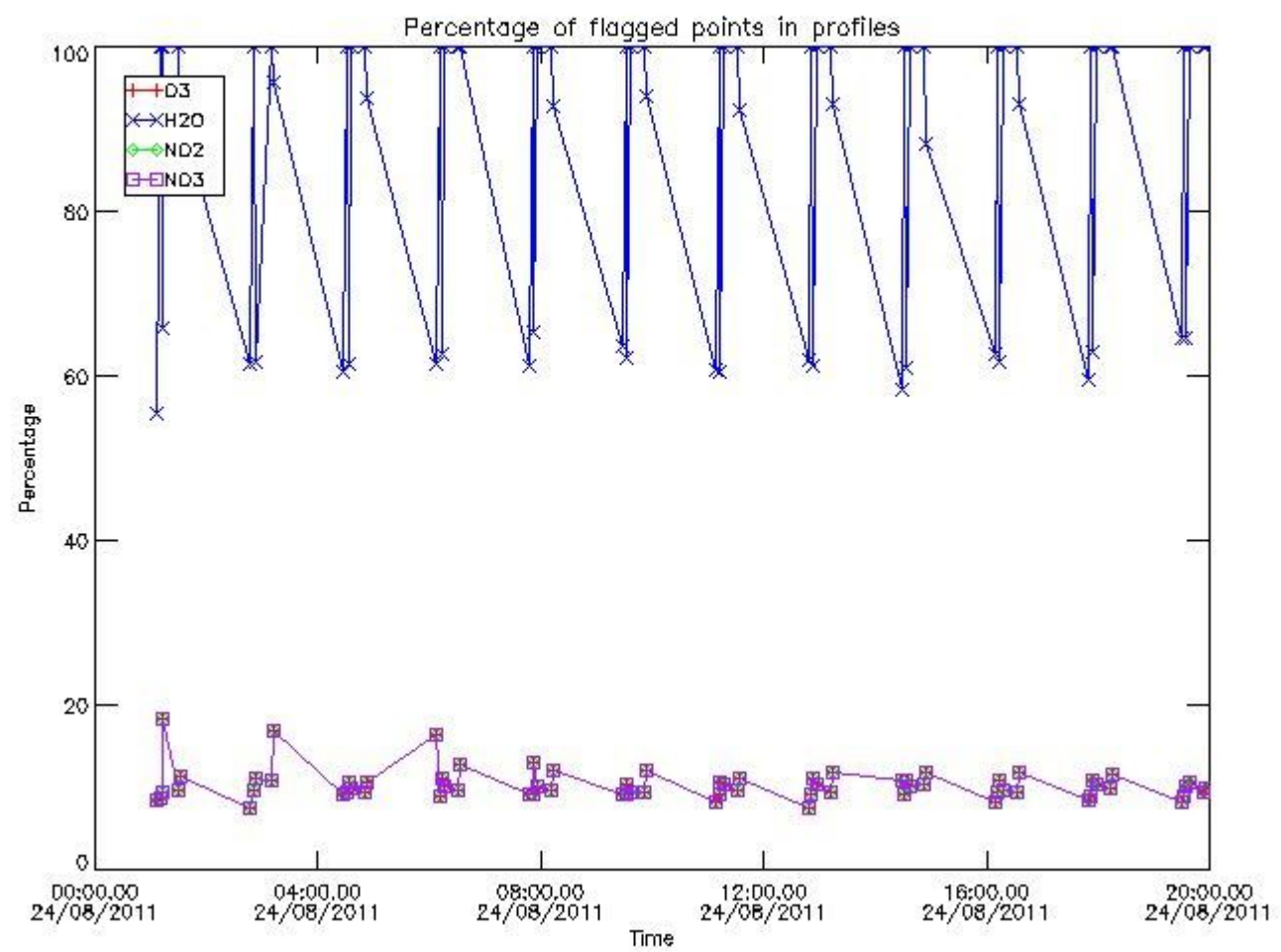
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110824_000027_000000563106_00002_49585_6124.N1	24-AUG-2011 00:00:27	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	49585	No
2	GOM_NL__2PRFIN20110824_000508_000000533106_00002_49585_6125.N1	24-AUG-2011 00:05:08	Straylight	52.500	18	24Alp PsA	1.1660	9700.0	105	49585	No
3	GOM_NL__2PRFIN20110824_001015_000000463106_00002_49585_6126.N1	24-AUG-2011 00:10:15	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49585	No
4	GOM_NL__2PRFIN20110824_001329_000000403106_00002_49585_6127.N1	24-AUG-2011 00:13:29	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	49585	No
5	GOM_NL__2PRFIN20110824_001509_000000443106_00002_49585_6128.N1	24-AUG-2011 00:15:09	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	49585	No
6	GOM_NL__2PRFIN20110824_001811_000000413106_00002_49585_6129.N1	24-AUG-2011 00:18:11	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49585	No
7	GOM_NL__2PRFIN20110824_002452_000000373106_00002_49585_6130.N1	24-AUG-2011 00:24:52	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49585	No
8	GOM_NL__2PRFIN20110824_002803_000000343106_00002_49585_6131.N1	24-AUG-2011 00:28:03	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	49585	No
9	GOM_NL__2PRFIN20110824_003312_000000373106_00002_49585_6132.N1	24-AUG-2011 00:33:12	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49585	No
10	GOM_NL__2PRFIN20110824_003652_000000473106_00002_49585_6133.N1	24-AUG-2011 00:36:52	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49585	No
11	GOM_NL__2PRFIN20110824_003904_000000483106_00002_49585_6134.N1	24-AUG-2011 00:39:04	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49585	No
12	GOM_NL__2PRFIN20110824_005254_000000533106_00002_49585_6135.N1	24-AUG-2011 00:52:54	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	49585	No
13	GOM_NL__2PRFIN20110824_005611_000000443106_00002_49585_6136.N1	24-AUG-2011 00:56:11	Bright	43.500	107	37The Aur	2.6490	11000.	87	49585	No
14	GOM_NL__2PRFIN20110824_010053_000000523106_00002_49585_6137.N1	24-AUG-2011 01:00:53	Twilight_and_stray	52.000	151	13Mu Gem	2.8900	3000.0	104	49585	No
15	GOM_NL__2PRFIN20110824_010233_000000473106_00002_49585_6138.N1	24-AUG-2011 01:02:33	Twilight_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	49585	No
16	GOM_NL__2PRFIN20110824_010631_000000613106_00002_49585_6139.N1	24-AUG-2011 01:06:31	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	49585	No
17	GOM_NL__2PRFIN20110824_011009_000000593106_00002_49585_6140.N1	24-AUG-2011 01:10:09	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	49585	No
18	GOM_NL__2PRFIN20110824_011154_000000553106_00002_49585_6141.N1	24-AUG-2011 01:11:54	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	49585	No
19	GOM_NL__2PRFIN20110824_011336_000000283106_00002_49585_6142.N1	24-AUG-2011 01:13:36	Dark	28.000	7	19Bet Ori	0.10000	14000.	56	49585	No
20	GOM_NL__2PRFIN20110824_012949_000000543106_00003_49586_6121.N1	24-AUG-2011 01:29:49	Dark	53.500	157	The1Eri	2.9060	9300.0	107	49586	No
21	GOM_NL__2PRFIN20110824_013247_000000503106_00003_49586_6122.N1	24-AUG-2011 01:32:47	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49586	No
22	GOM_NL__2PRFIN20110824_013842_000000493106_00003_49586_6123.N1	24-AUG-2011 01:38:42	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49586	No
23	GOM_NL__2PRFIN20110824_014041_000000493106_00003_49586_6124.N1	24-AUG-2011 01:40:41	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	49586	No
24	GOM_NL__2PRFIN20110824_014523_000000493106_00003_49586_6125.N1	24-AUG-2011 01:45:23	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	49586	No
25	GOM_NL__2PRFIN20110824_015029_000000443106_00003_49586_6126.N1	24-AUG-2011 01:50:29	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49586	No
26	GOM_NL__2PRFIN20110824_015343_000000413106_00003_49586_6127.N1	24-AUG-2011 01:53:43	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49586	No
27	GOM_NL__2PRFIN20110824_015522_000000443106_00003_49586_6128.N1	24-AUG-2011 01:55:22	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	49586	No
28	GOM_NL__2PRFIN20110824_015825_000000413106_00003_49586_6129.N1	24-AUG-2011 01:58:25	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49586	No
29	GOM_NL__2PRFIN20110824_020506_000000383106_00003_49586_6130.N1	24-AUG-2011 02:05:06	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49586	No
30	GOM_NL__2PRFIN20110824_020817_000000383106_00003_49586_6131.N1	24-AUG-2011 02:08:17	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49586	No
31	GOM_NL__2PRFIN20110824_021326_000000363106_00003_49586_6132.N1	24-AUG-2011 02:13:26	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49586	No
32	GOM_NL__2PRFIN20110824_021705_000000443106_00003_49586_6133.N1	24-AUG-2011 02:17:05	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	49586	No
33	GOM_NL__2PRFIN20110824_021918_000000443106_00003_49586_6134.N1	24-AUG-2011 02:19:18	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	49586	No
34	GOM_NL__2PRFIN20110824_023308_000000523106_00003_49586_6135.N1	24-AUG-2011 02:33:08	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49586	No
35	GOM_NL__2PRFIN20110824_023625_000000433106_00003_49586_6136.N1	24-AUG-2011 02:36:25	Bright	43.000	107	37The Aur	2.6490	11000.	86	49586	No
36	GOM_NL__2PRFIN20110824_024107_000000523106_00003_49586_6137.N1	24-AUG-2011 02:41:07	Twilight_and_stray	52.000	151	13Mu Gem	2.8900	3000.0	104	49586	No
37	GOM_NL__2PRFIN20110824_024247_000000483106_00003_49586_6138.N1	24-AUG-2011 02:42:47	Twilight_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	49586	No
38	GOM_NL__2PRFIN20110824_024646_000000683106_00003_49586_6139.N1	24-AUG-2011 02:46:46	Dark	68.000	14	58Alp Ori	0.87000	3000.0	136	49586	No
39	GOM_NL__2PRFIN20110824_025023_000000533106_00003_49586_6140.N1	24-AUG-2011 02:50:23	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	49586	No
40	GOM_NL__2PRFIN20110824_025208_000000463106_00003_49586_6141.N1	24-AUG-2011 02:52:08	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	49586	No
41	GOM_NL__2PRFIN20110824_031005_000000523106_00004_49587_6121.N1	24-AUG-2011 03:10:05	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49587	No
42	GOM_NL__2PRFIN20110824_031302_000000463106_00004_49587_6122.N1	24-AUG-2011 03:13:02	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49587	No

220	GOM_NL__2PRFIN20110824_165236_000000493106_00012_49595_6146.N1	24-AUG-2011 16:52:36	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	49595	No
221	GOM_NL__2PRFIN20110824_165549_000000393106_00012_49595_6147.N1	24-AUG-2011 16:55:49	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	49595	No
222	GOM_NL__2PRFIN20110824_165727_000000433106_00012_49595_6148.N1	24-AUG-2011 16:57:27	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	49595	No
223	GOM_NL__2PRFIN20110824_170030_000000403106_00012_49595_6149.N1	24-AUG-2011 17:00:30	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	49595	No
224	GOM_NL__2PRFIN20110824_170712_000000393106_00012_49595_6150.N1	24-AUG-2011 17:07:12	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49595	No
225	GOM_NL__2PRFIN20110824_171530_000000363106_00012_49595_6151.N1	24-AUG-2011 17:15:30	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	49595	No
226	GOM_NL__2PRFIN20110824_171905_000000463106_00012_49595_6152.N1	24-AUG-2011 17:19:05	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49595	No
227	GOM_NL__2PRFIN20110824_172117_000000493106_00012_49595_6153.N1	24-AUG-2011 17:21:17	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49595	No
228	GOM_NL__2PRFIN20110824_173512_000000573106_00012_49595_6154.N1	24-AUG-2011 17:35:12	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	49595	No
229	GOM_NL__2PRFIN20110824_173832_000000453106_00012_49595_6155.N1	24-AUG-2011 17:38:32	Bright	44.500	107	37The Aur	2.6490	11000.	89	49595	No
230	GOM_NL__2PRFIN20110824_174456_000000493106_00012_49595_6156.N1	24-AUG-2011 17:44:56	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	49595	No
231	GOM_NL__2PRFIN20110824_174857_000000613106_00012_49595_6157.N1	24-AUG-2011 17:48:57	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	49595	No
232	GOM_NL__2PRFIN20110824_175237_000000573106_00012_49595_6158.N1	24-AUG-2011 17:52:37	Dark	56.500	33	50Zet Ori	1.7660	30000.	113	49595	No
233	GOM_NL__2PRFIN20110824_175419_000000483106_00012_49595_6159.N1	24-AUG-2011 17:54:19	Dark	47.500	1	9Alp CMA	-1.4400	11000.	95	49595	No
234	GOM_NL__2PRFIN20110824_175738_000000493106_00012_49595_6160.N1	24-AUG-2011 17:57:38	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	49595	No
235	GOM_NL__2PRFIN20110824_181221_000000523106_00013_49596_6141.N1	24-AUG-2011 18:12:21	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49596	No
236	GOM_NL__2PRFIN20110824_181514_000000453106_00013_49596_6142.N1	24-AUG-2011 18:15:14	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49596	No
237	GOM_NL__2PRFIN20110824_182109_000000483106_00013_49596_6143.N1	24-AUG-2011 18:21:09	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	49596	No
238	GOM_NL__2PRFIN20110824_182305_000000413106_00013_49596_6144.N1	24-AUG-2011 18:23:05	Straylight	40.500	63	Bet Gru	2.1500	2800.0	81	49596	No
239	GOM_NL__2PRFIN20110824_182746_000000513106_00013_49596_6145.N1	24-AUG-2011 18:27:46	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	49596	No
240	GOM_NL__2PRFIN20110824_183250_000000503106_00013_49596_6146.N1	24-AUG-2011 18:32:50	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49596	No
241	GOM_NL__2PRFIN20110824_183603_000000393106_00013_49596_6147.N1	24-AUG-2011 18:36:03	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	49596	No
242	GOM_NL__2PRFIN20110824_183741_000000433106_00013_49596_6148.N1	24-AUG-2011 18:37:41	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	49596	No
243	GOM_NL__2PRFIN20110824_184044_000000403106_00013_49596_6149.N1	24-AUG-2011 18:40:44	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	49596	No
244	GOM_NL__2PRFIN20110824_184726_000000363106_00013_49596_6150.N1	24-AUG-2011 18:47:26	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	49596	No
245	GOM_NL__2PRFIN20110824_185544_000000383106_00013_49596_6151.N1	24-AUG-2011 18:55:44	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49596	No
246	GOM_NL__2PRFIN20110824_185918_000000463106_00013_49596_6152.N1	24-AUG-2011 18:59:18	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49596	No
247	GOM_NL__2PRFIN20110824_190130_000000493106_00013_49596_6153.N1	24-AUG-2011 19:01:30	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49596	No
248	GOM_NL__2PRFIN20110824_191526_000000493106_00013_49596_6154.N1	24-AUG-2011 19:15:26	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49596	No
249	GOM_NL__2PRFIN20110824_191846_000000433106_00013_49596_6155.N1	24-AUG-2011 19:18:46	Bright	42.500	107	37The Aur	2.6490	11000.	85	49596	No
250	GOM_NL__2PRFIN20110824_192222_000000473106_00013_49596_6156.N1	24-AUG-2011 19:22:22	Bright	46.500	170	27Eps Gem	3.0000	9700.0	93	49596	No
251	GOM_NL__2PRFIN20110824_192510_000000483106_00013_49596_6157.N1	24-AUG-2011 19:25:10	Tw_i_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	49596	No
252	GOM_NL__2PRFIN20110824_192912_000000633106_00013_49596_6158.N1	24-AUG-2011 19:29:12	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	49596	No
253	GOM_NL__2PRFIN20110824_193252_000000583106_00013_49596_6159.N1	24-AUG-2011 19:32:52	Dark	57.500	33	50Zet Ori	1.7660	30000.	115	49596	No
254	GOM_NL__2PRFIN20110824_193433_000000503106_00013_49596_6160.N1	24-AUG-2011 19:34:33	Dark	50.000	1	9Alp CMA	-1.4400	11000.	100	49596	No
255	GOM_NL__2PRFIN20110824_193752_000000493106_00013_49596_6161.N1	24-AUG-2011 19:37:52	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49596	No
256	GOM_NL__2PRFIN20110824_195237_000000553106_00014_49597_6141.N1	24-AUG-2011 19:52:37	Dark	54.500	157	The1Eri	2.9060	9300.0	109	49597	No
257	GOM_NL__2PRFIN20110824_195528_000000523106_00014_49597_6142.N1	24-AUG-2011 19:55:28	Dark	51.500	9	Alp Eri	0.45300	24000.	103	49597	No
258	GOM_NL__2PRFIN20110824_200124_000000583106_00014_49597_6143.N1	24-AUG-2011 20:01:24	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	49597	No
259	GOM_NL__2PRFIN20110824_200319_000000553106_00014_49597_6144.N1	24-AUG-2011 20:03:19	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	49597	No
260	GOM_NL__2PRFIN20110824_200800_000000513106_00014_49597_6145.N1	24-AUG-2011 20:08:00	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	49597	No
261	GOM_NL__2PRFIN20110824_201304_000000563106_00014_49597_6146.N1	24-AUG-2011 20:13:04	Bright	56.000	142	49Del Cap	2.8500	8900.0	112	49597	No
262	GOM_NL__2PRFIN20110824_201617_000000403106_00014_49597_6147.N1	24-AUG-2011 20:16:17	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	49597	No
263	GOM_NL__2PRFIN20110824_201755_000000443106_00014_49597_6148.N1	24-AUG-2011 20:17:55	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	49597	No
264	GOM_NL__2PRFIN20110824_202058_000000413106_00014_49597_6149.N1	24-AUG-2011 20:20:58	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49597	No

3. Quality information per product

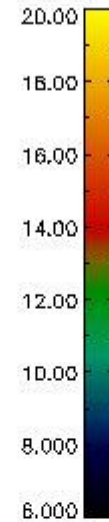
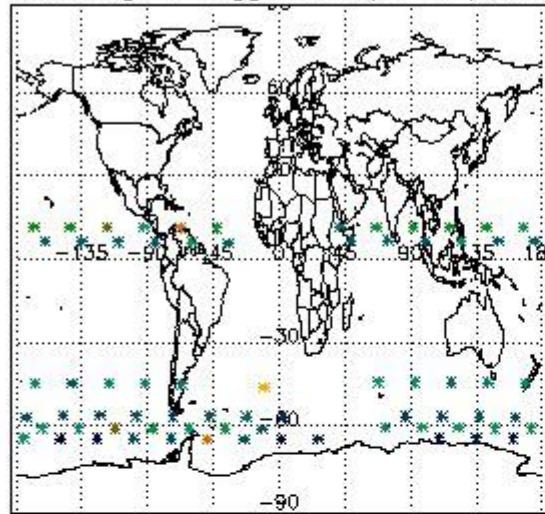
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

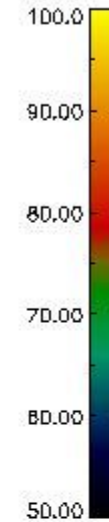
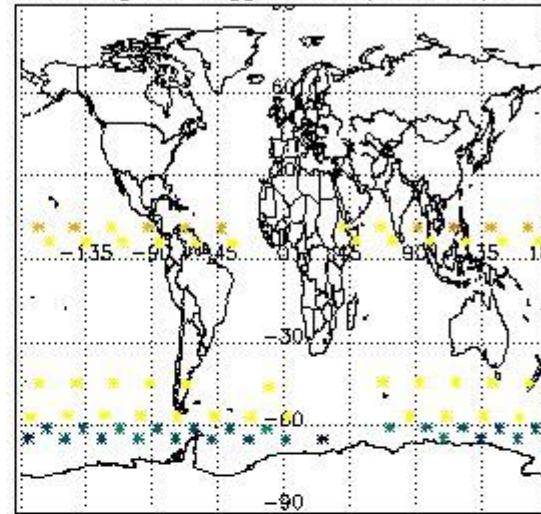


3.2 Plot quality information per product (world map)

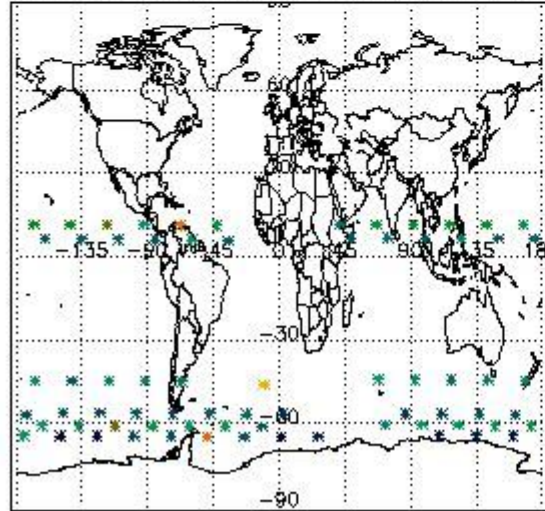
Percentage of flagged data per O3 profile



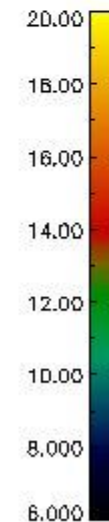
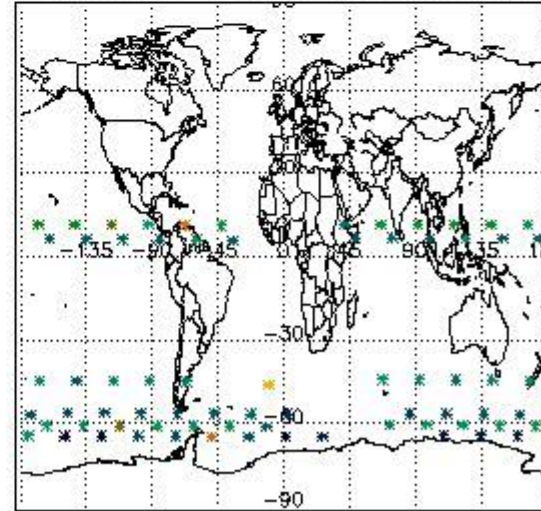
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

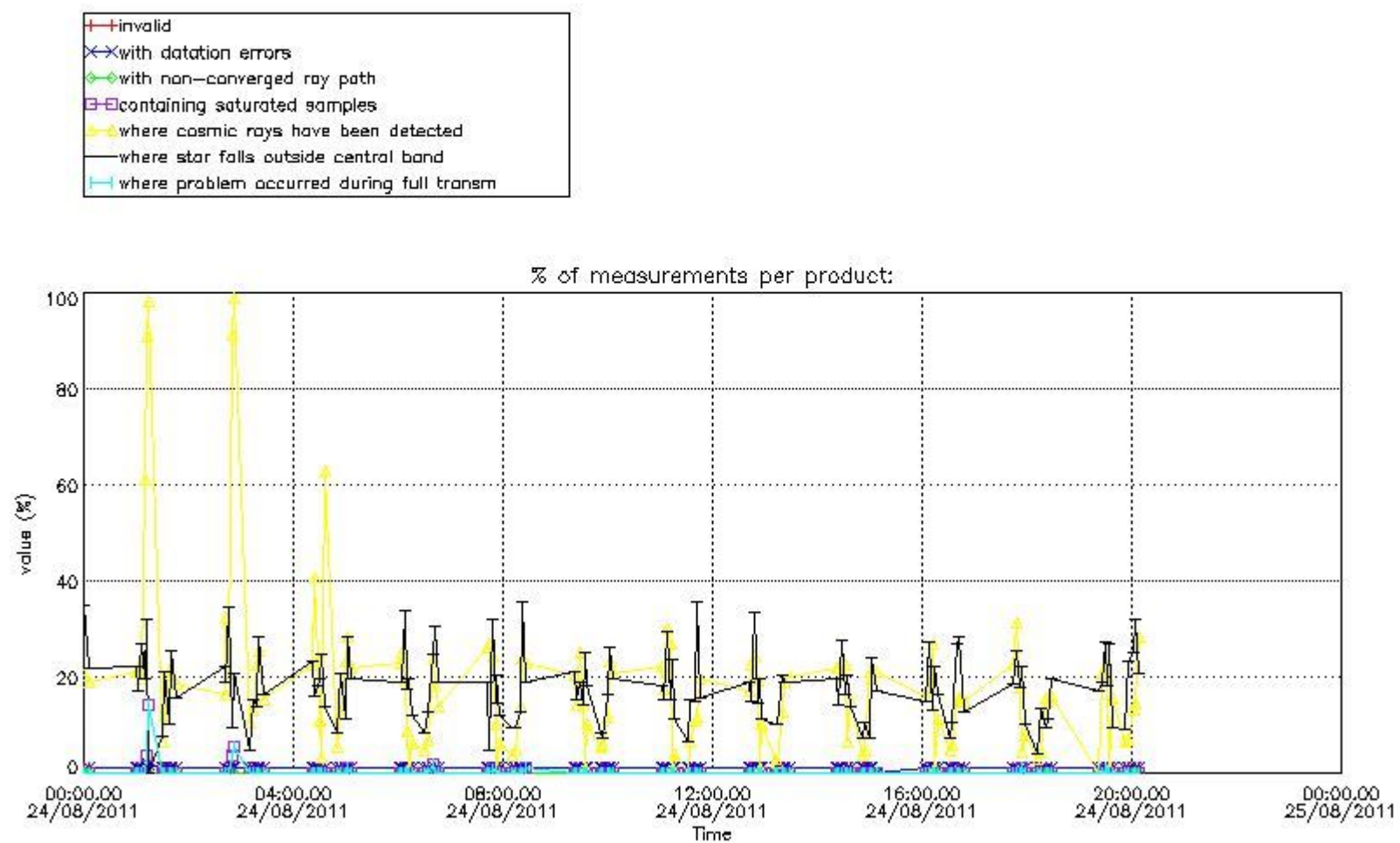


4. Level 1 quality information per product

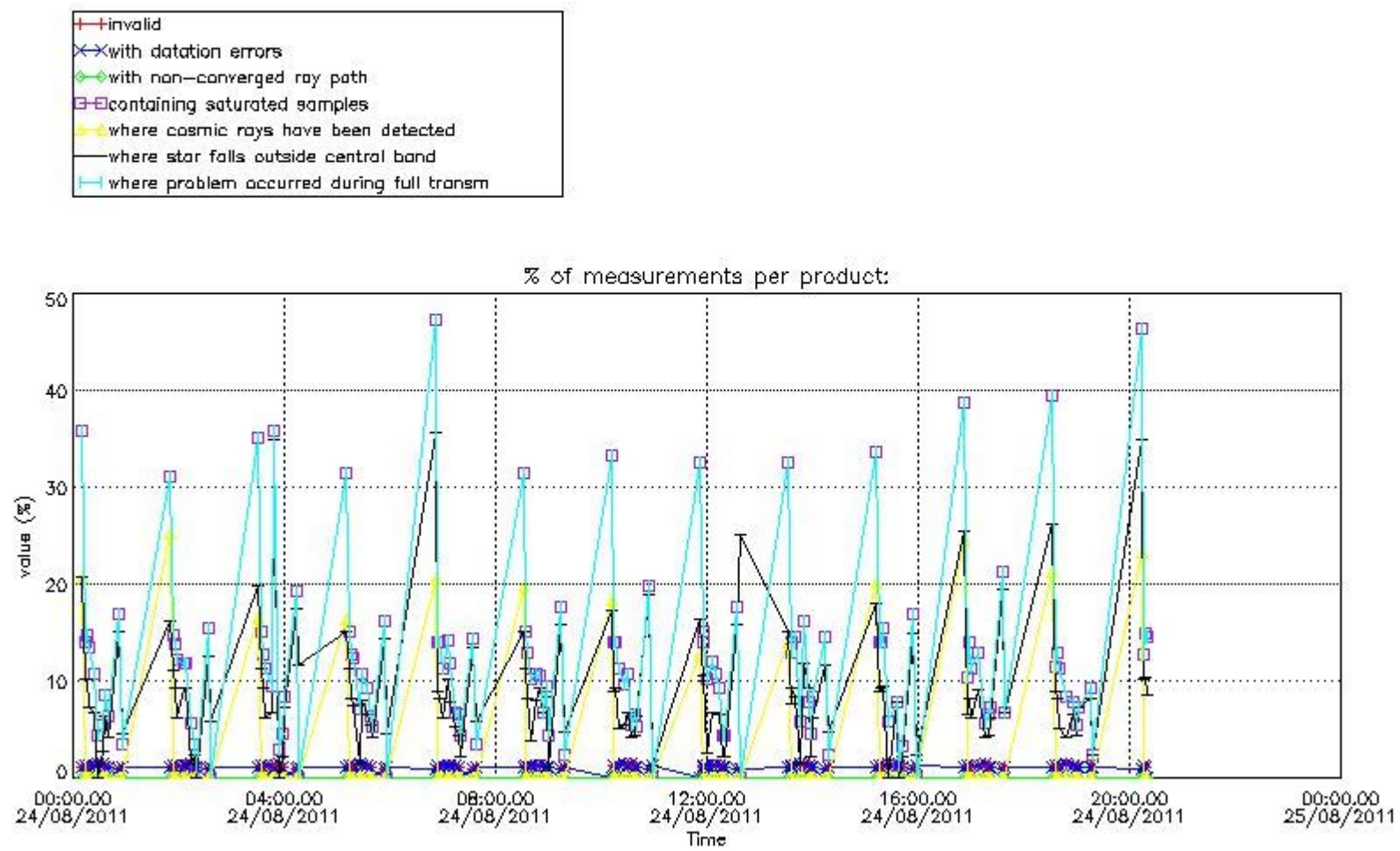
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



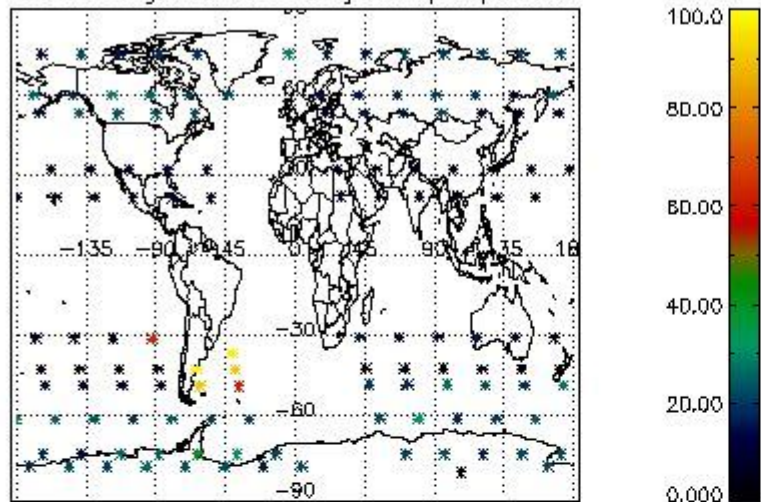
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



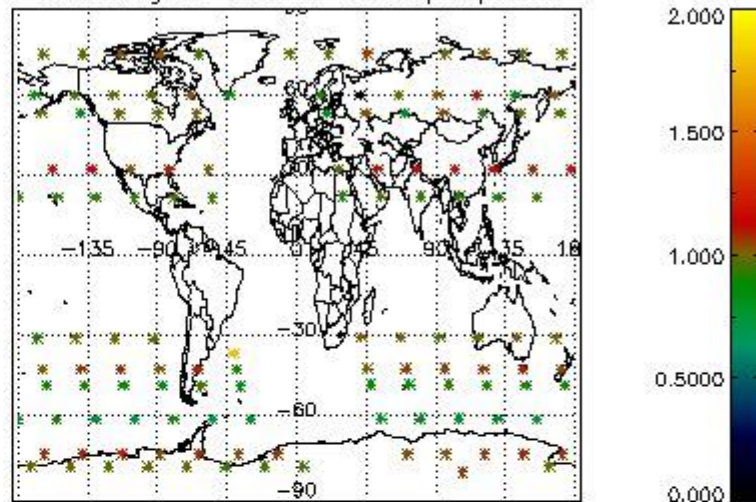
4.2 Plot quality information per product coming from level 1b processing (world map)

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

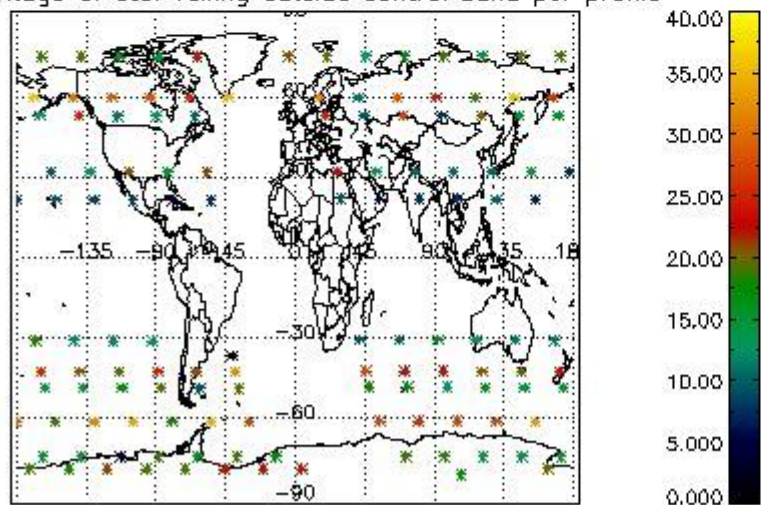
Percentage of cosmic ray hits per profile



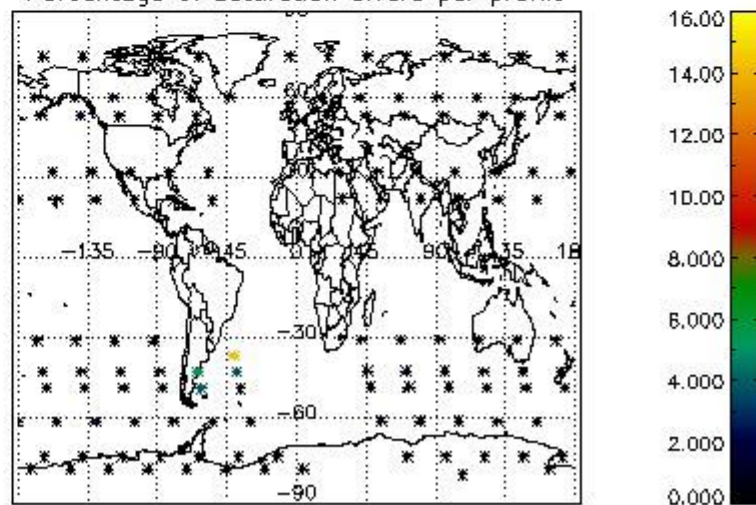
Percentage of datation errors per profile



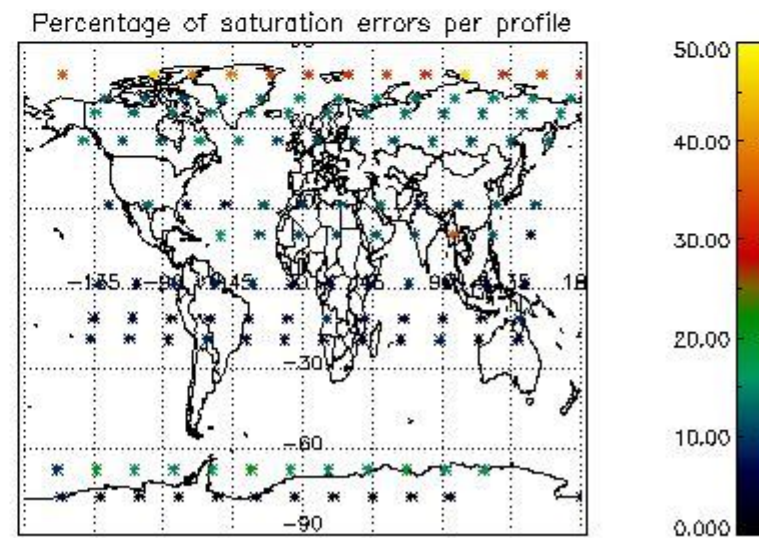
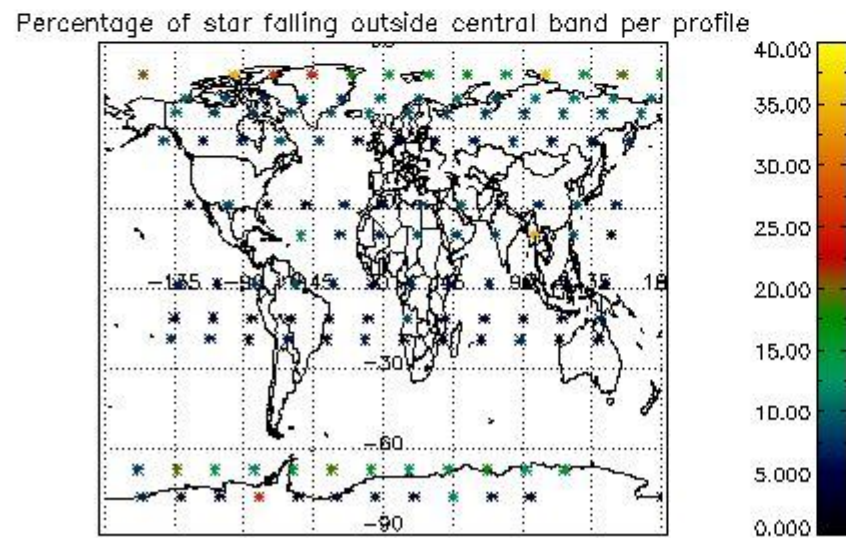
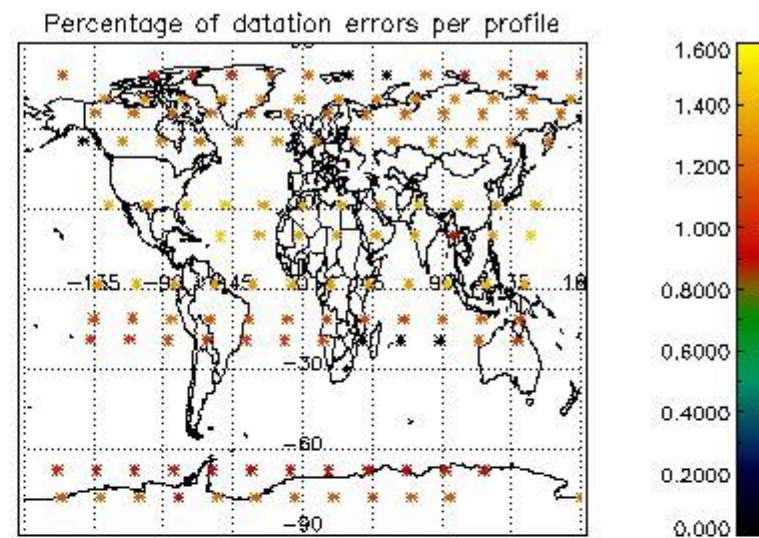
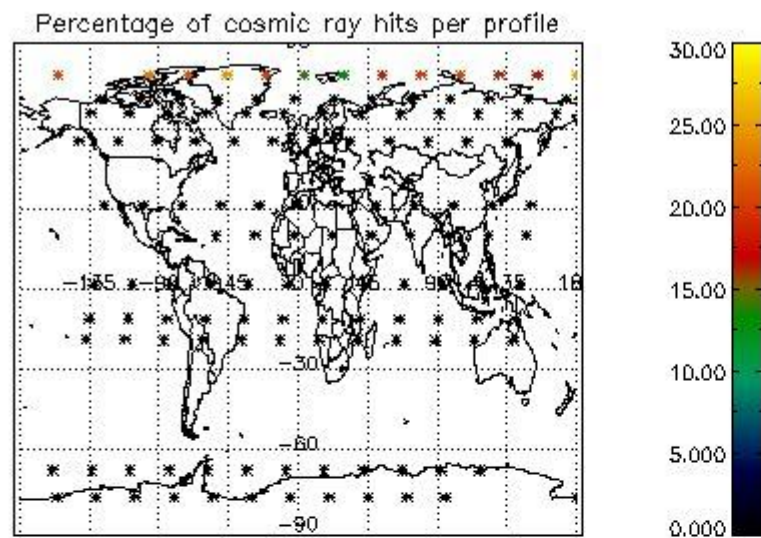
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

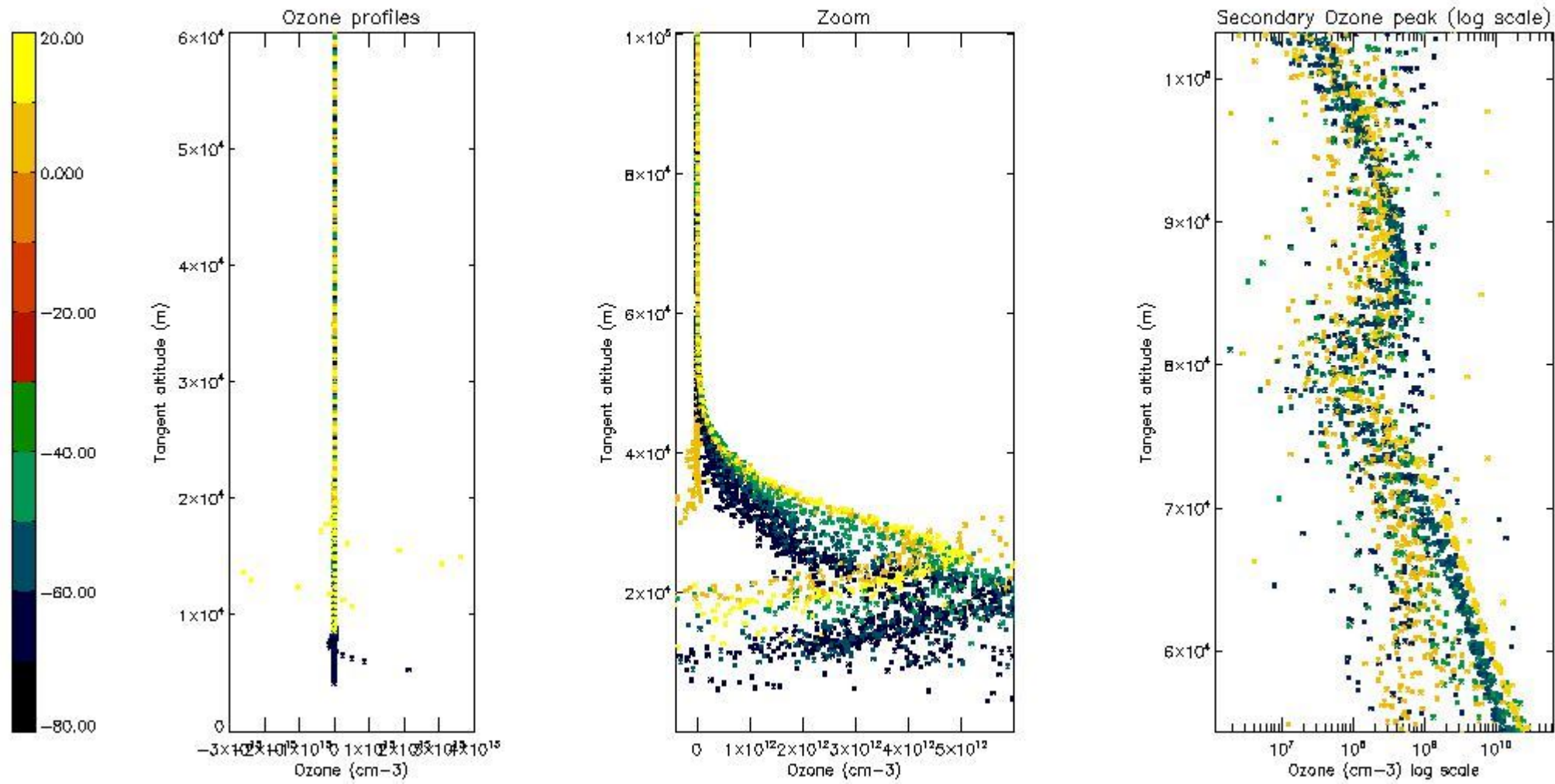
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	16

STD < 10	13
STD < 5	9

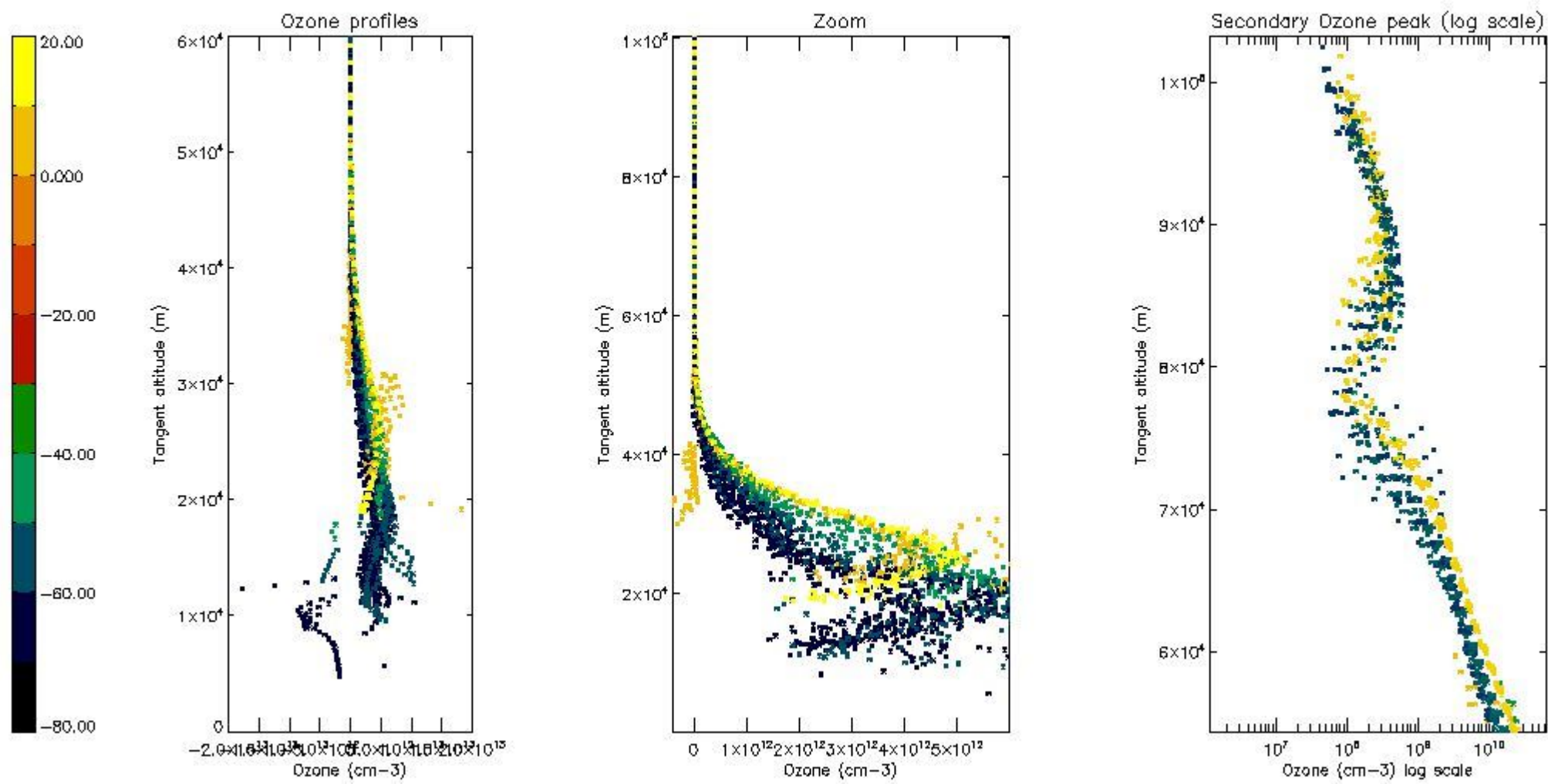
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



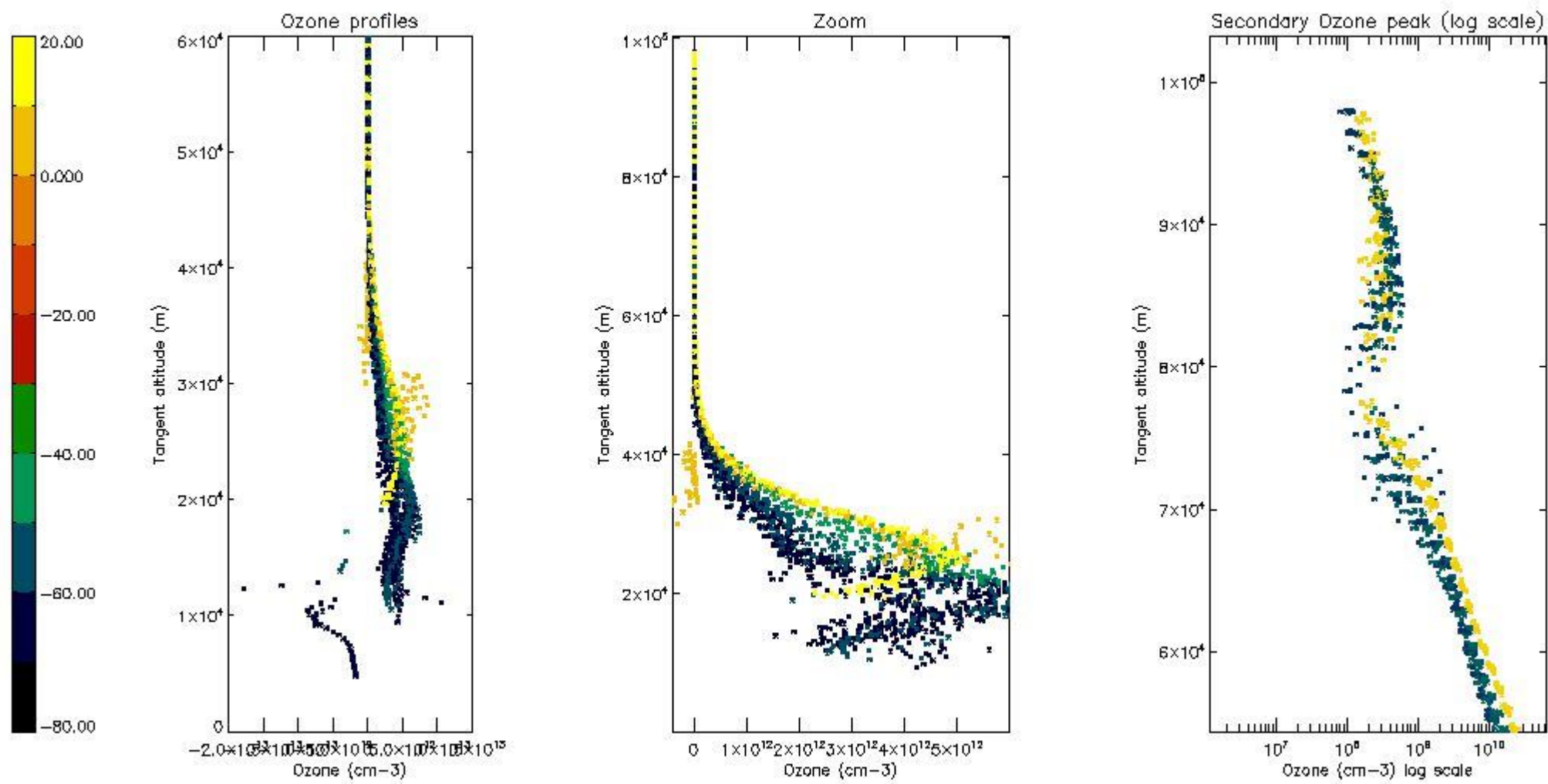
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



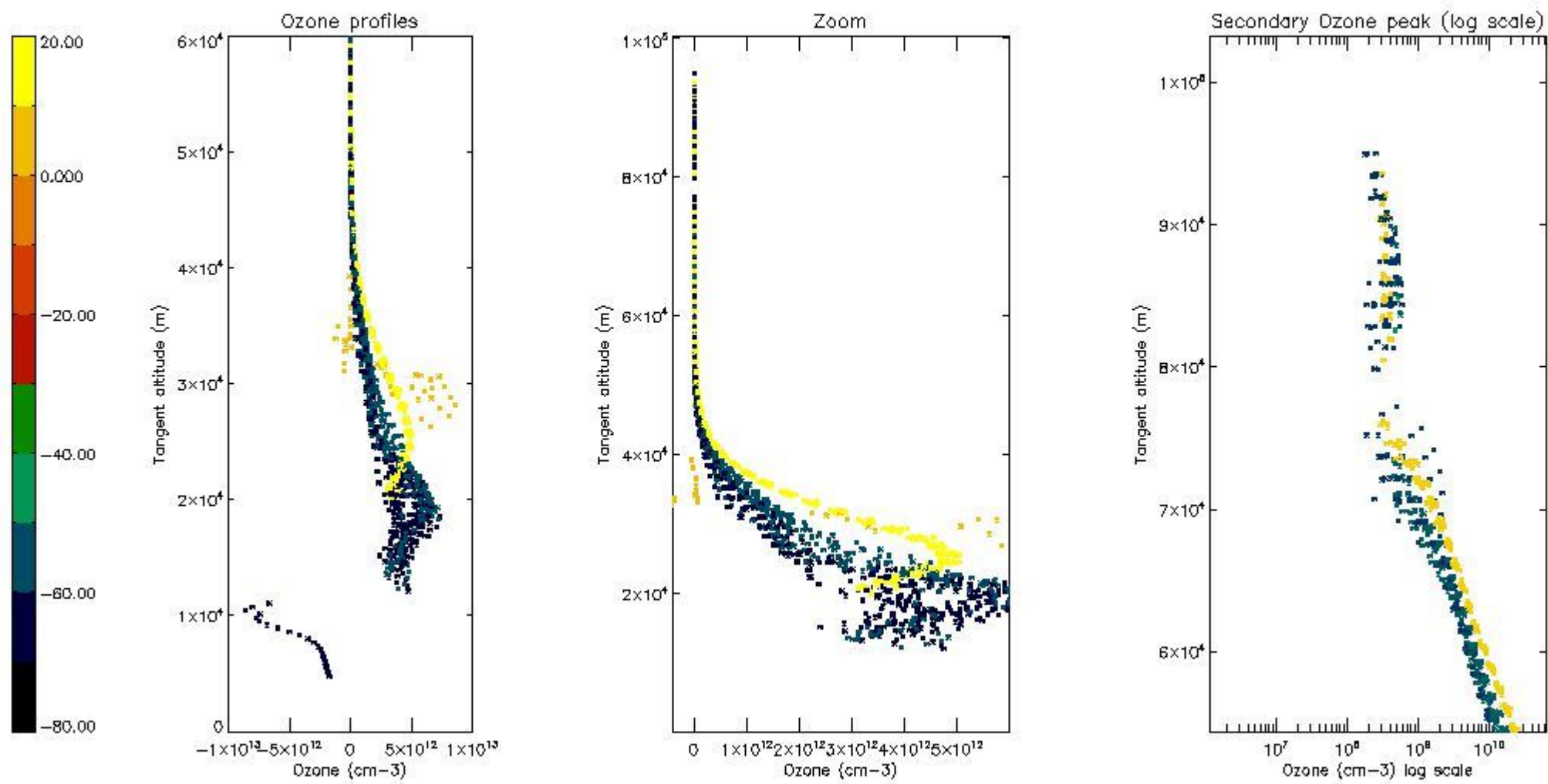
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



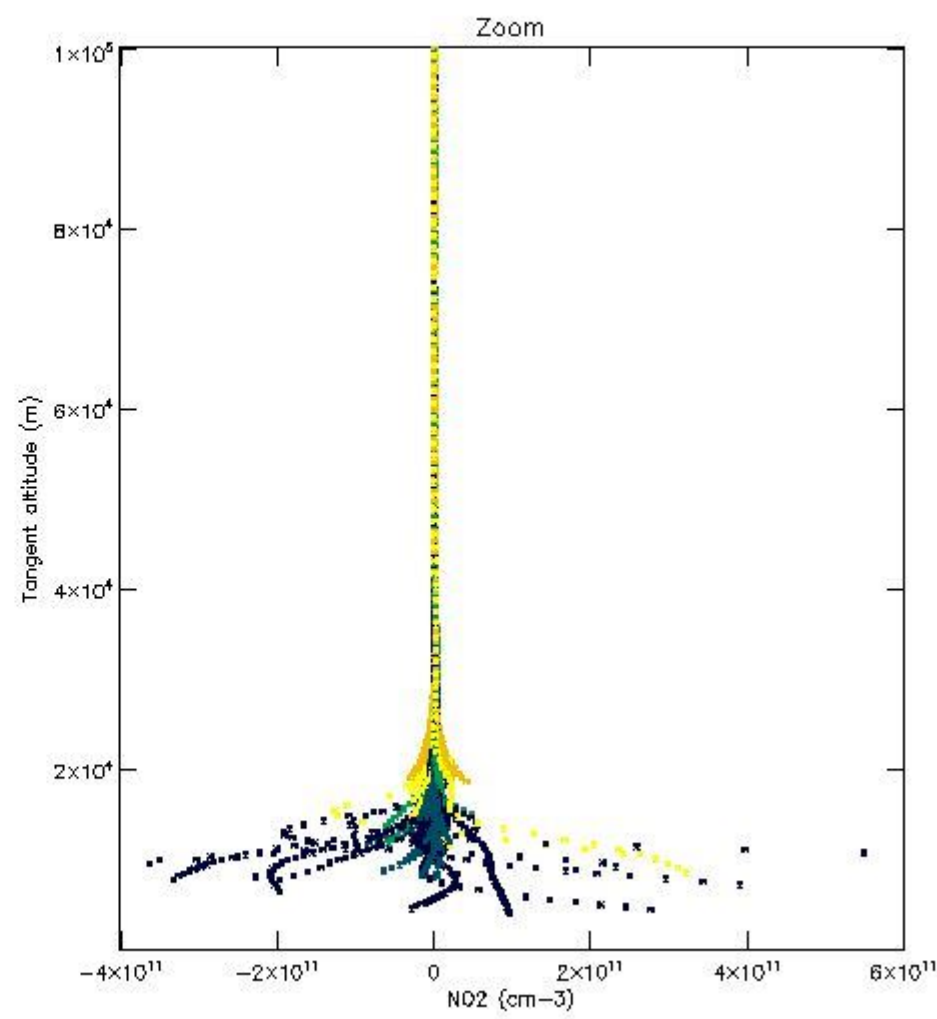
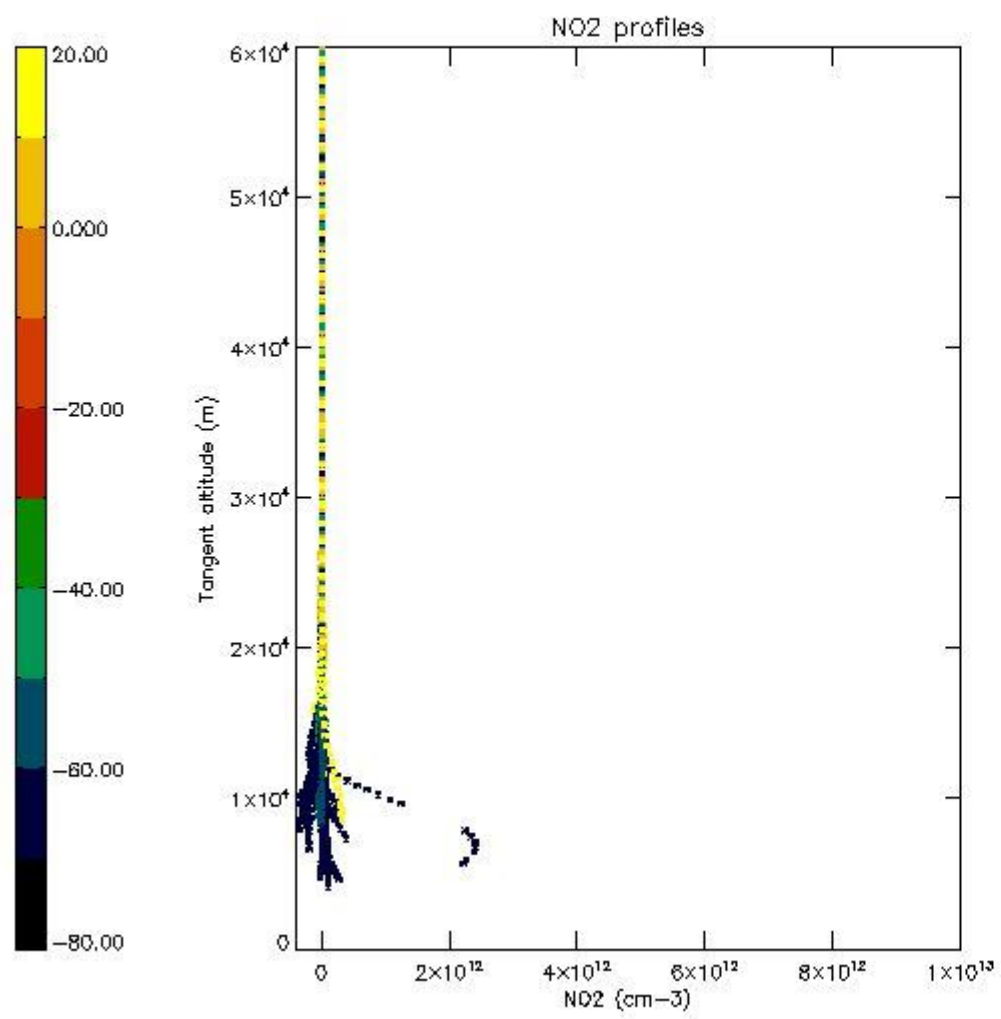
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



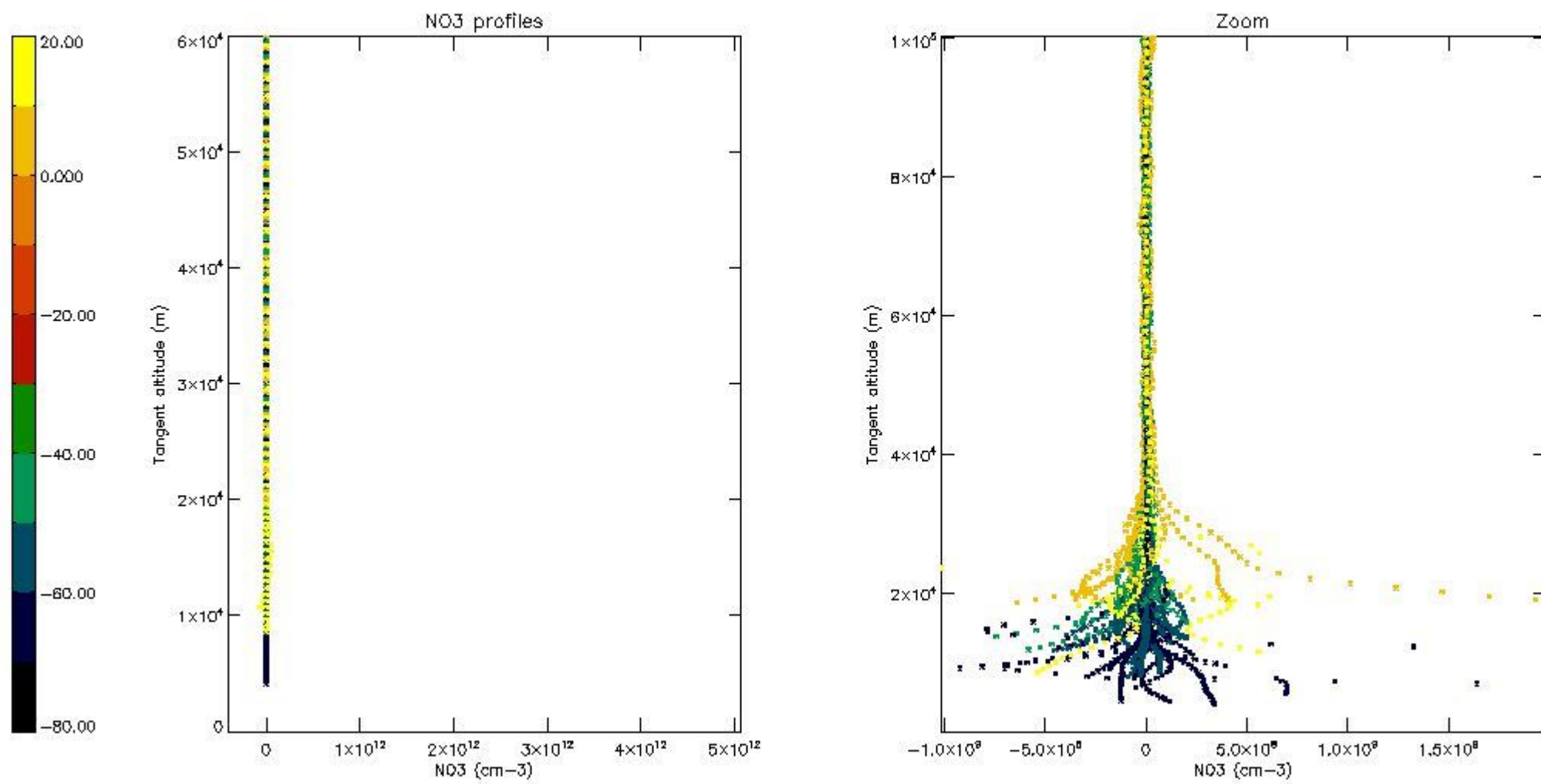
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



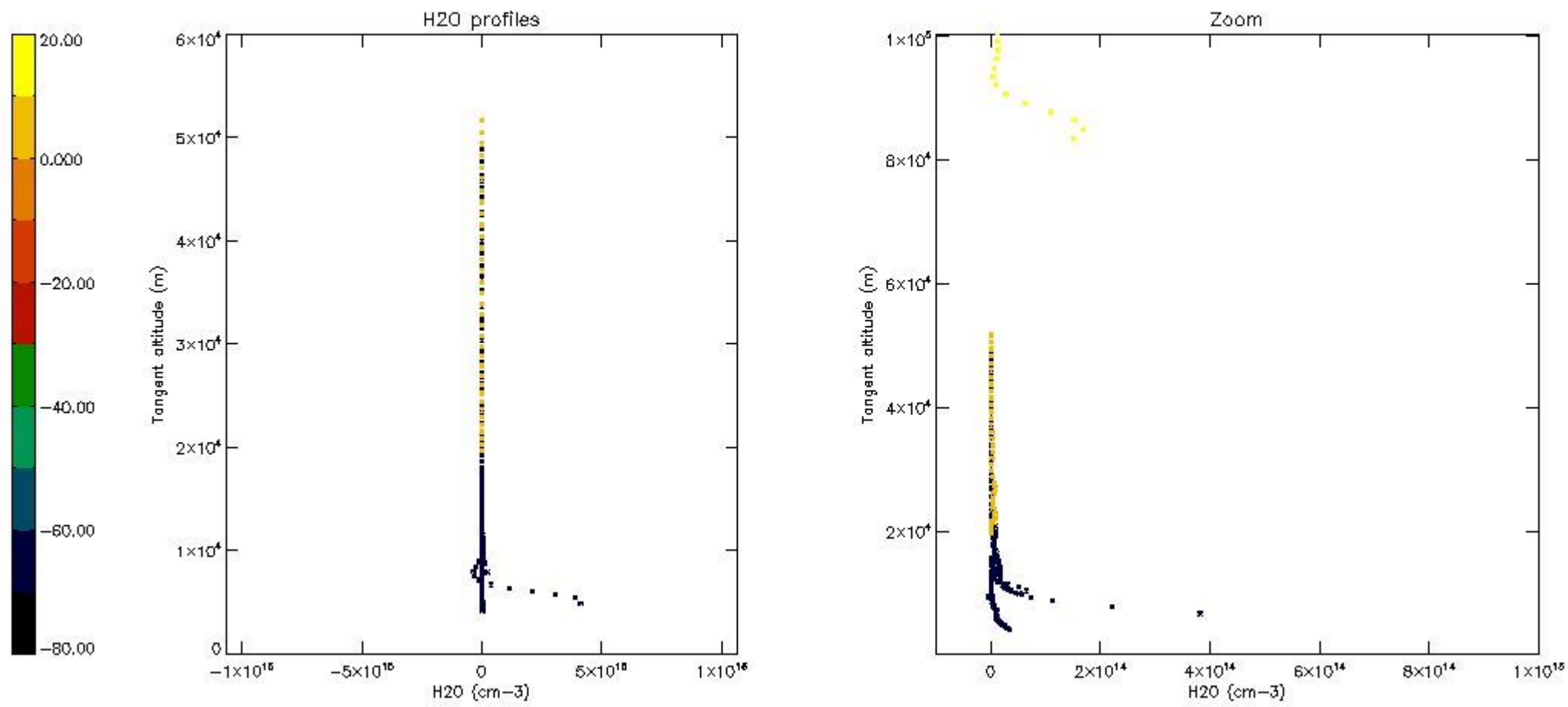
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

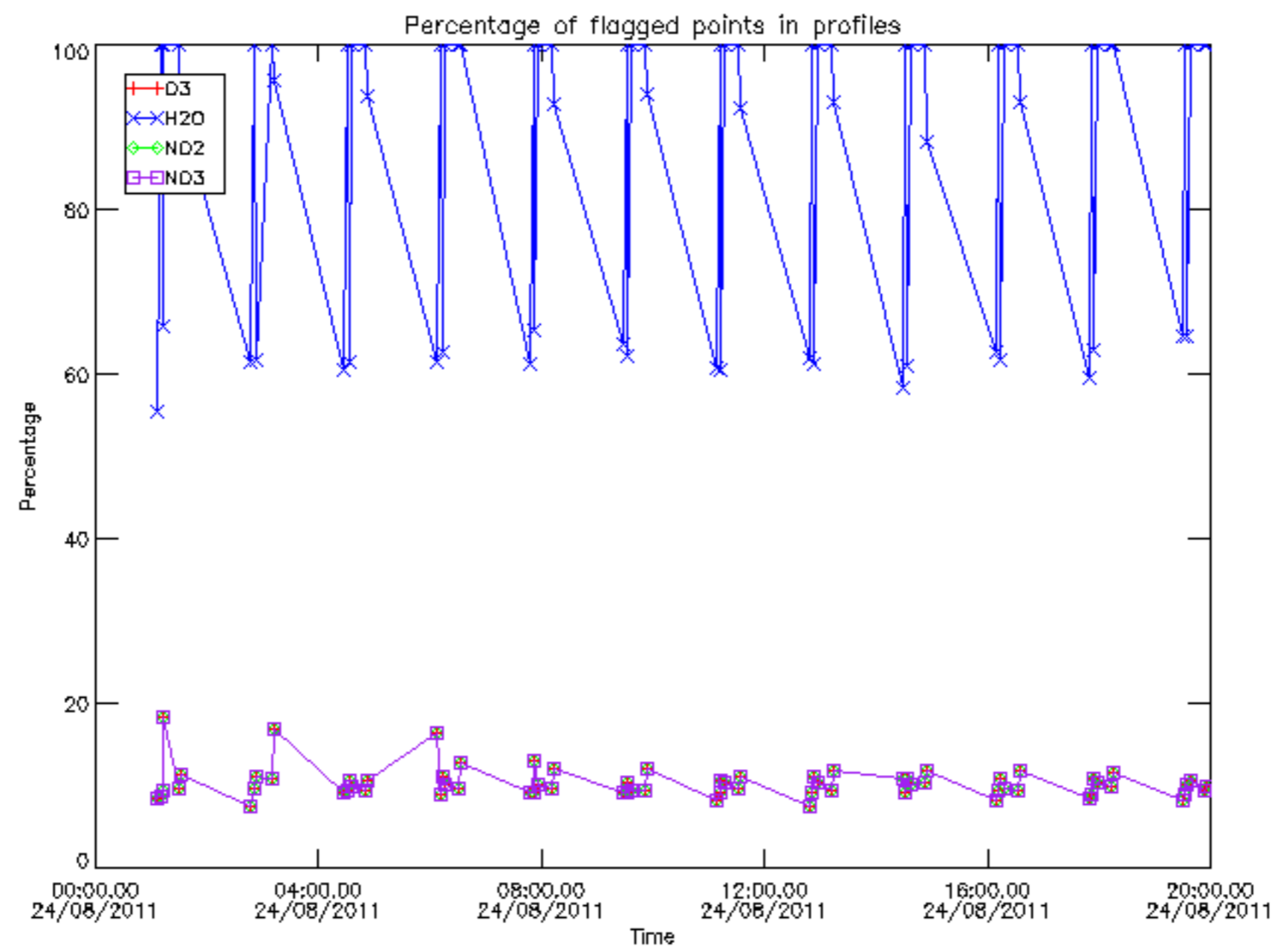
The colorbar represents the latitude.



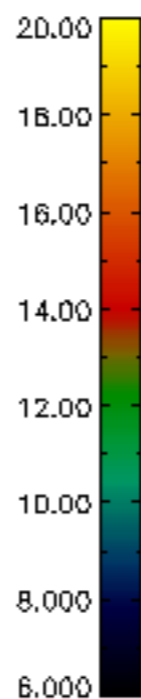
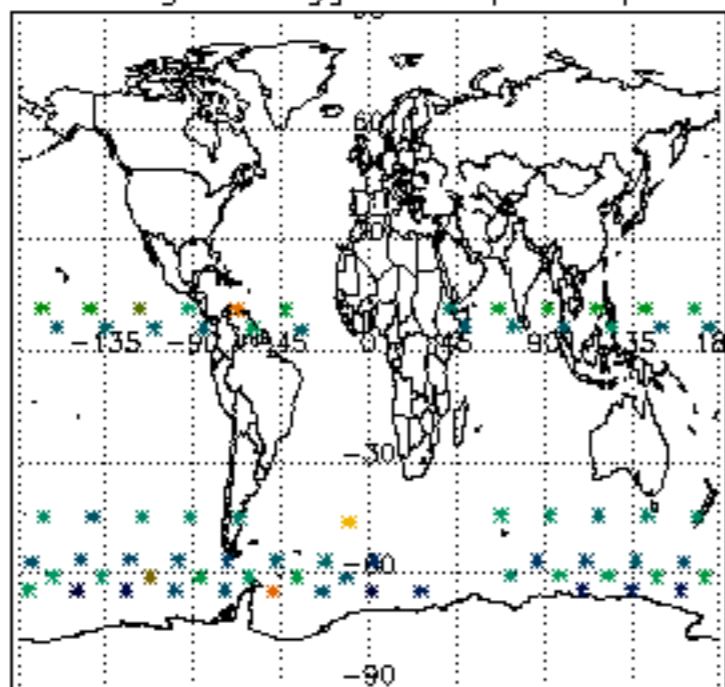
6. Auxiliary Data Files used for the production reported in section 2

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.

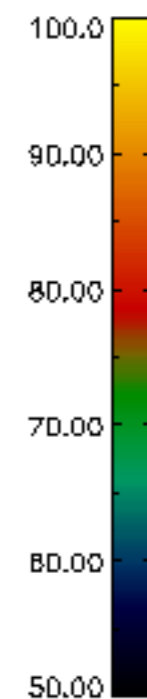
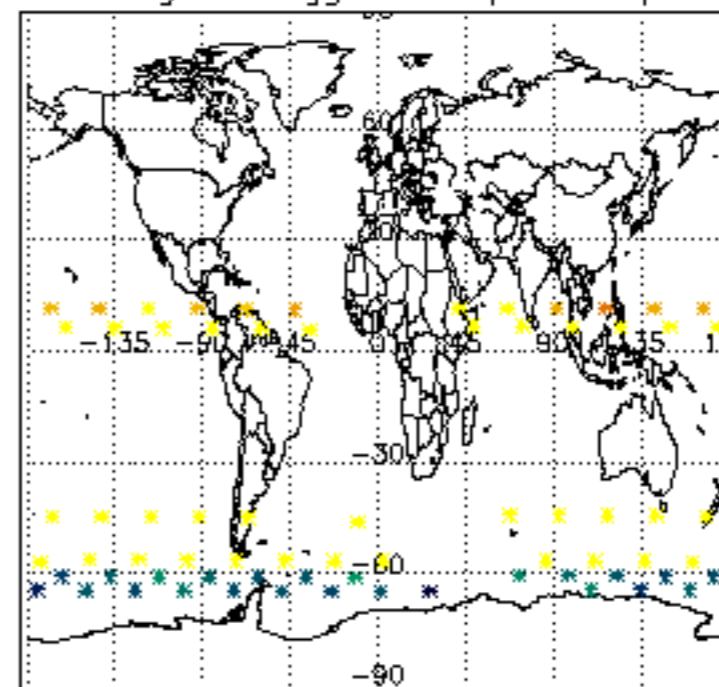
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-AUG-2011 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-AUG-2011 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-AUG-2011 00:00:27



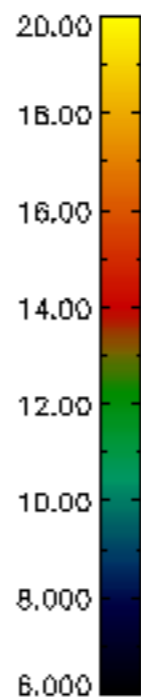
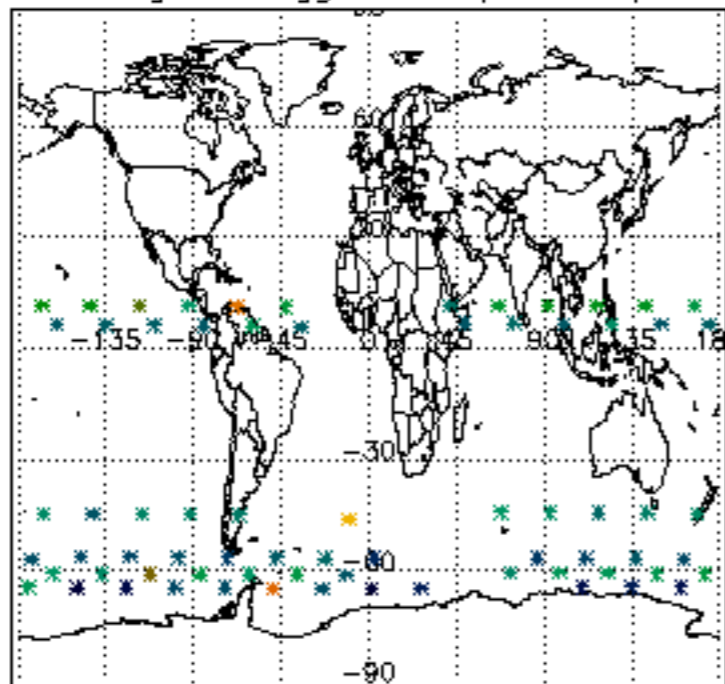
Percentage of flagged data per D3 profile



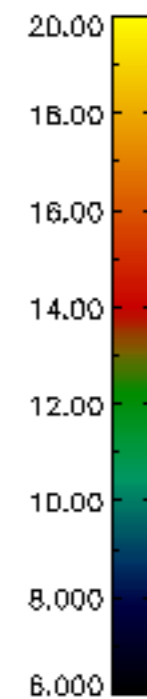
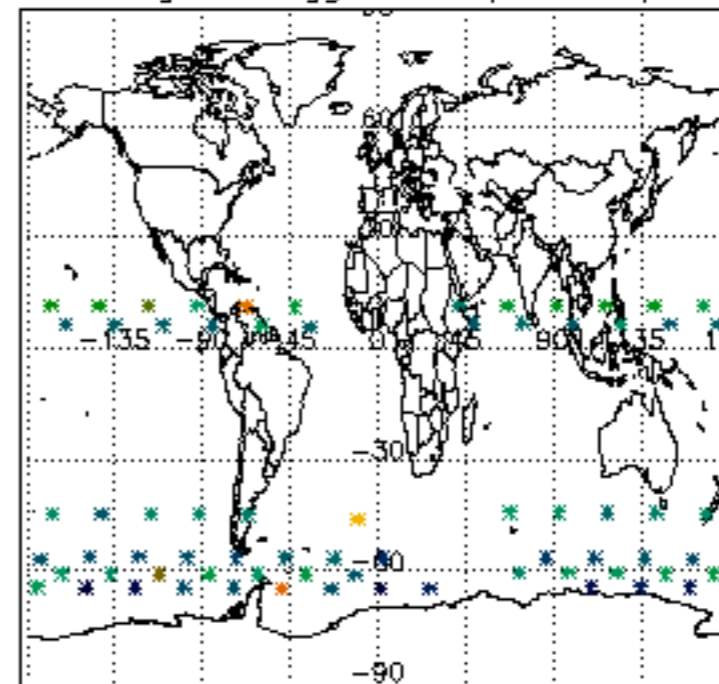
Percentage of flagged data per H2O profile

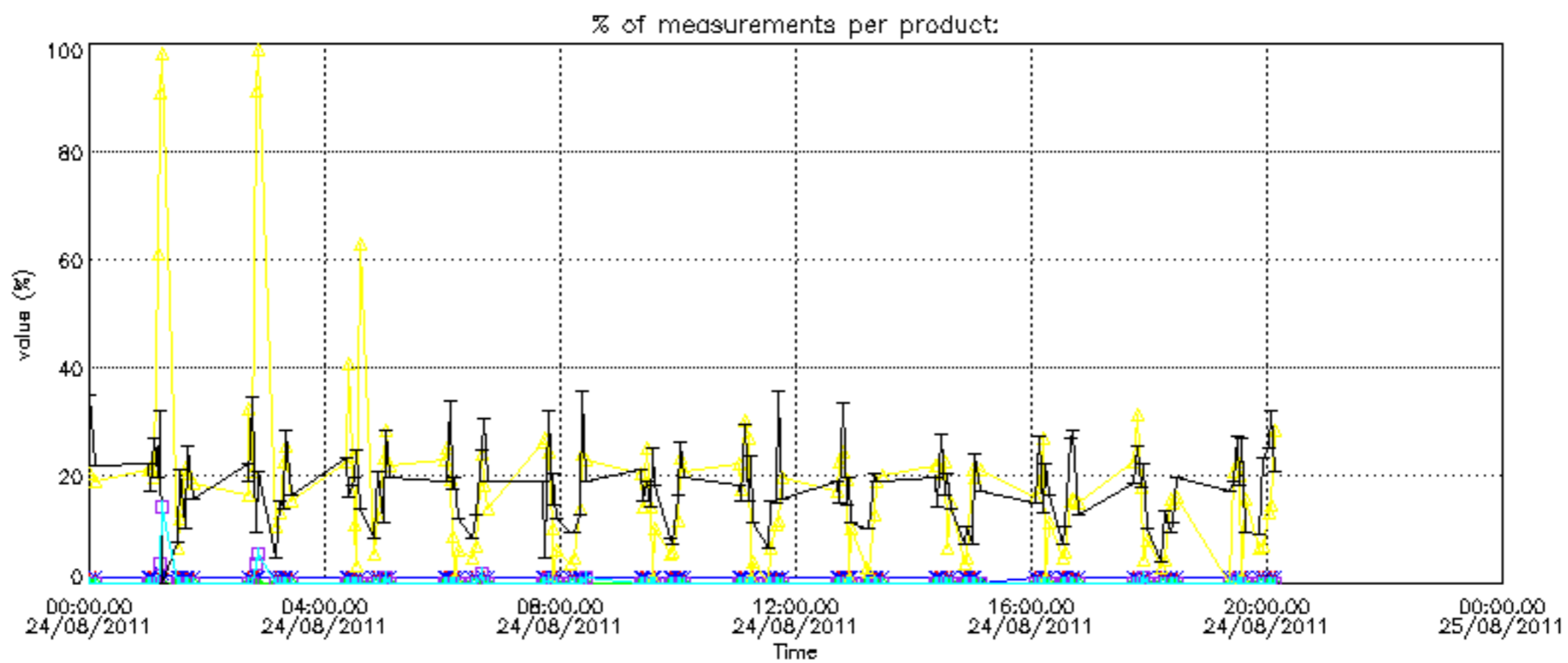
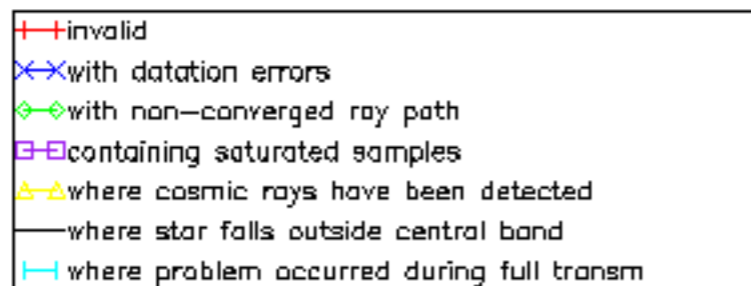


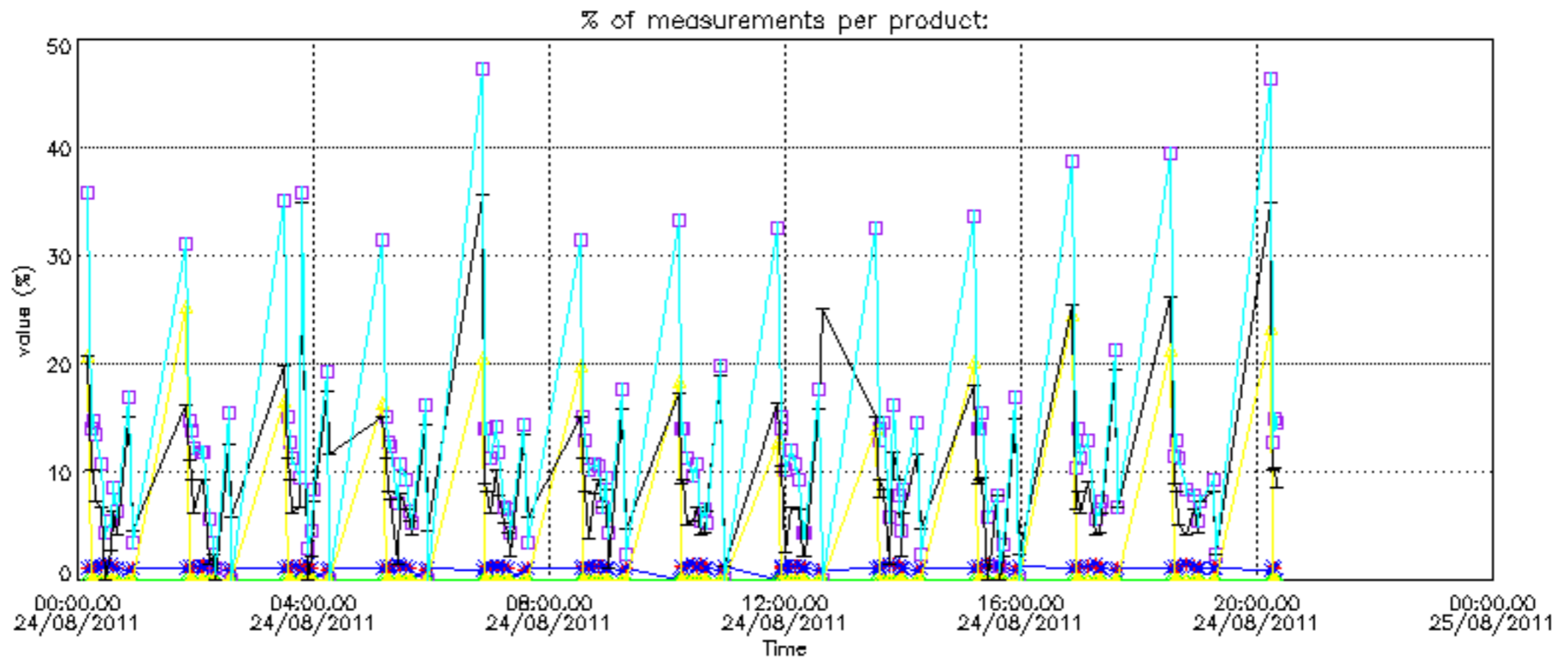
Percentage of flagged data per NO2 profile



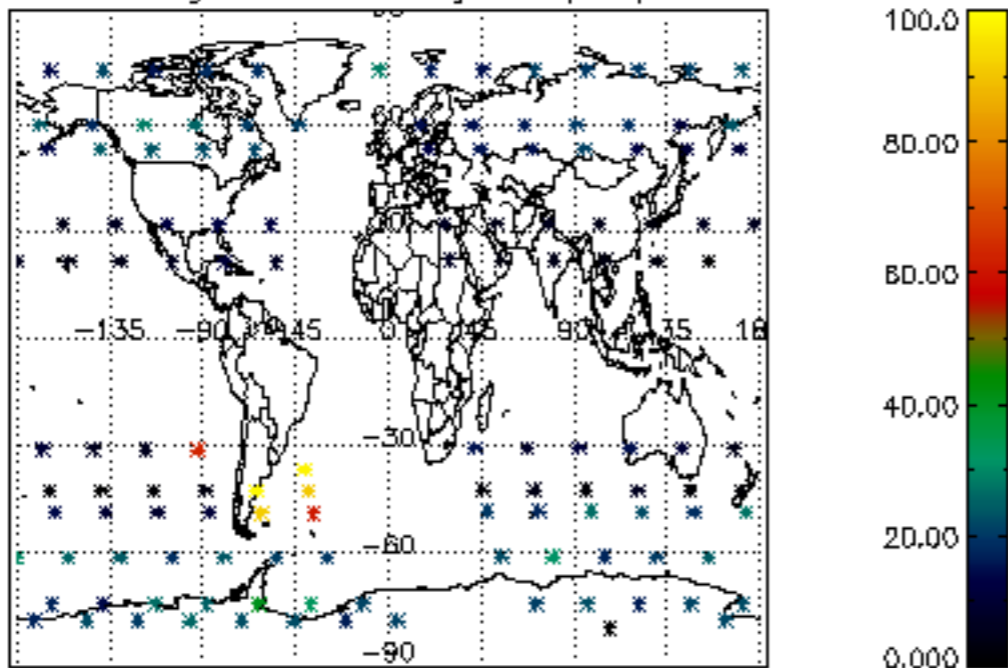
Percentage of flagged data per NO3 profile



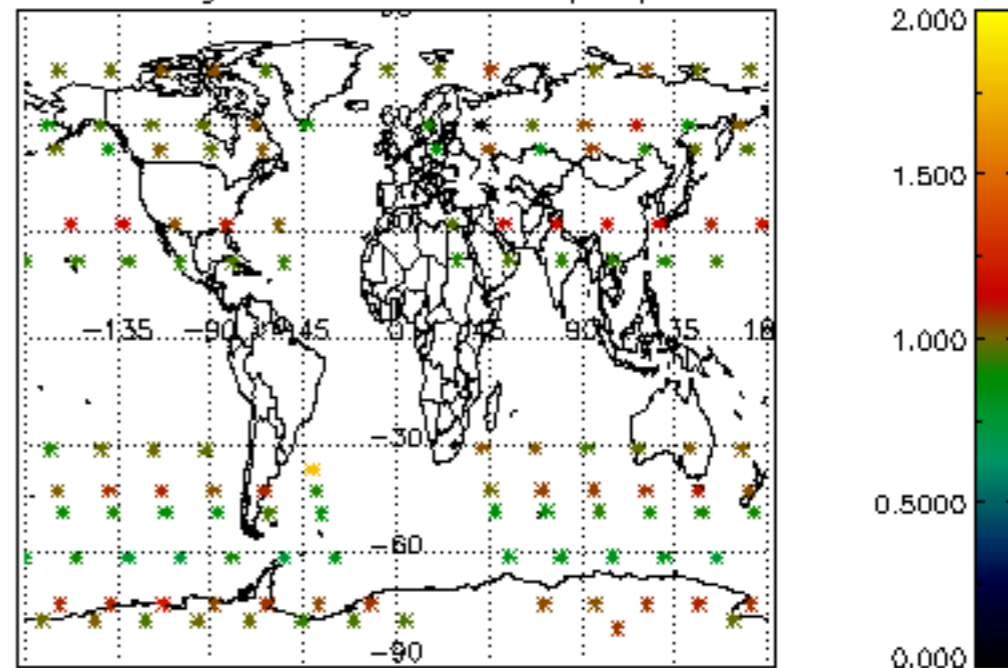




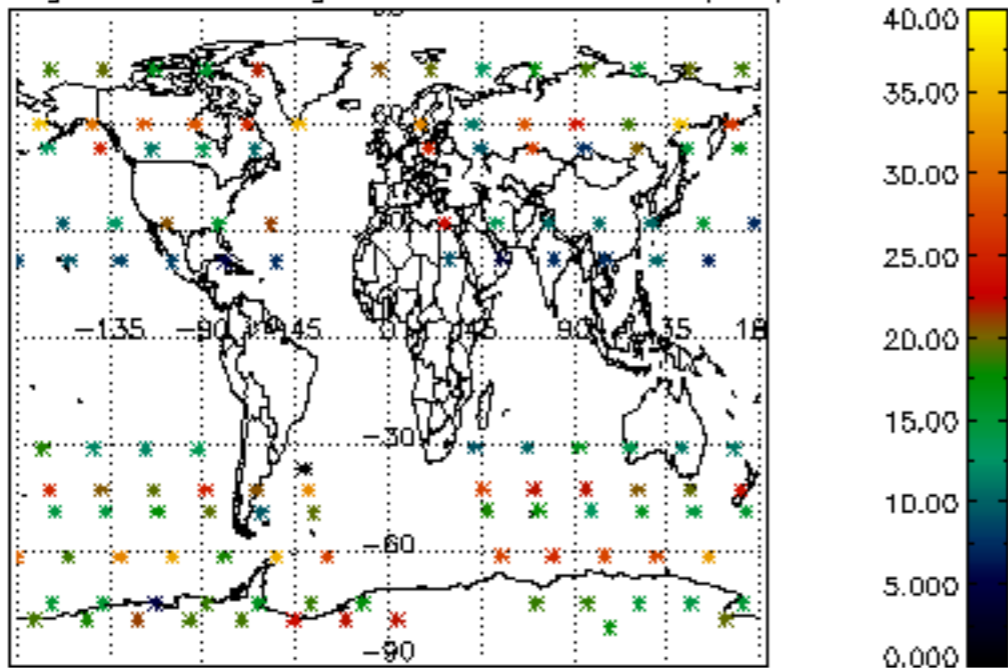
Percentage of cosmic ray hits per profile



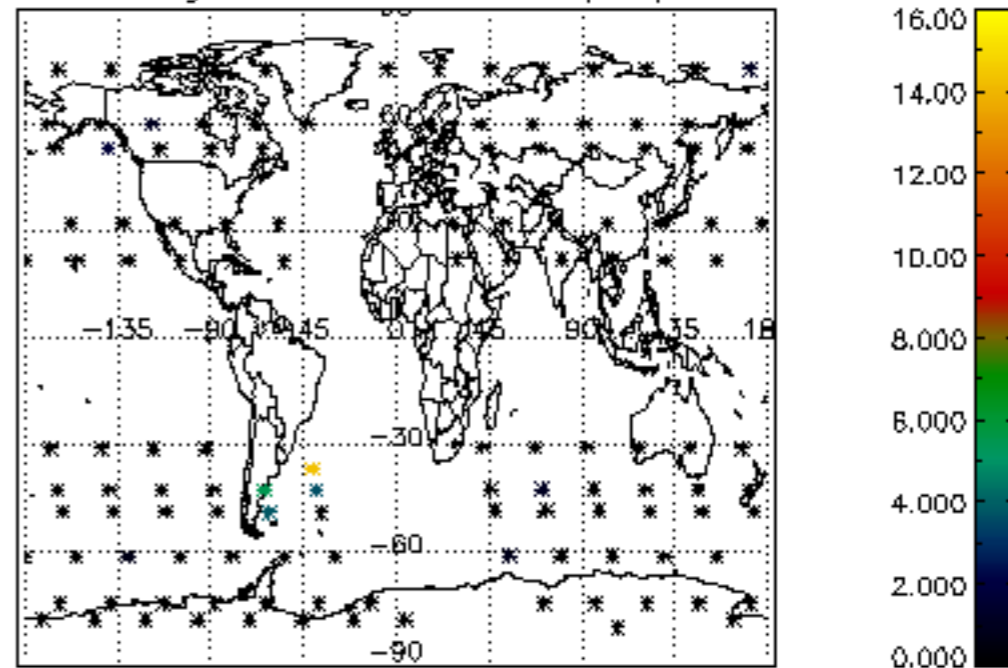
Percentage of datation errors per profile



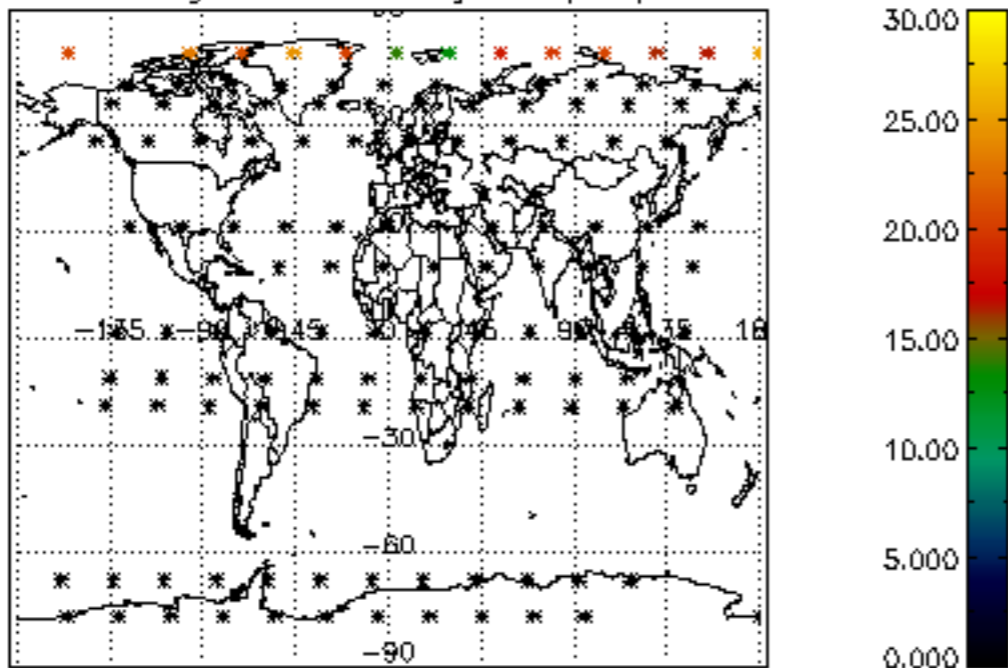
Percentage of star falling outside central band per profile



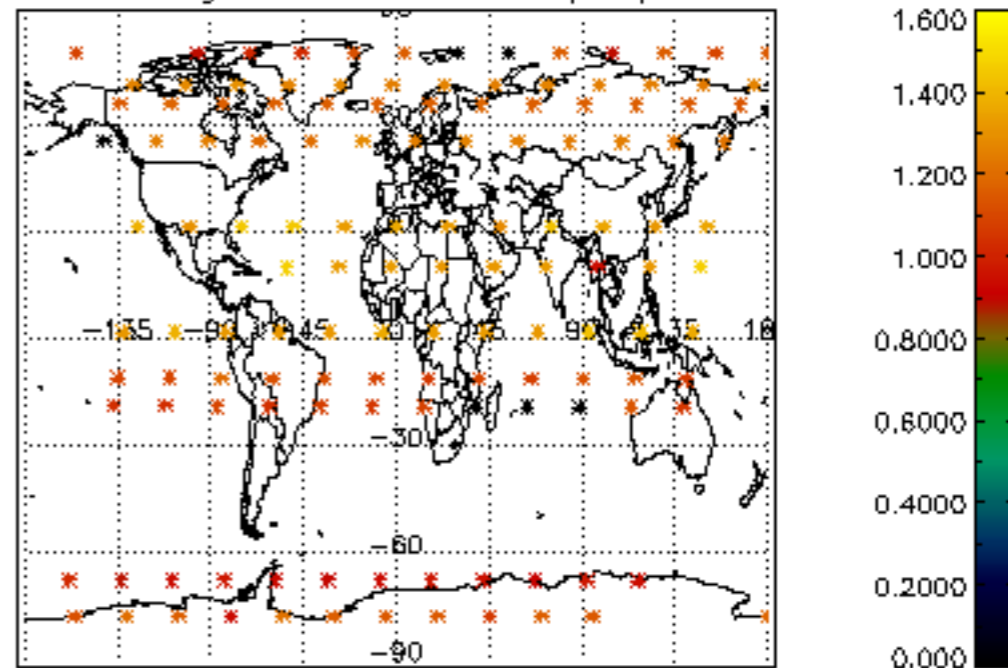
Percentage of saturation errors per profile



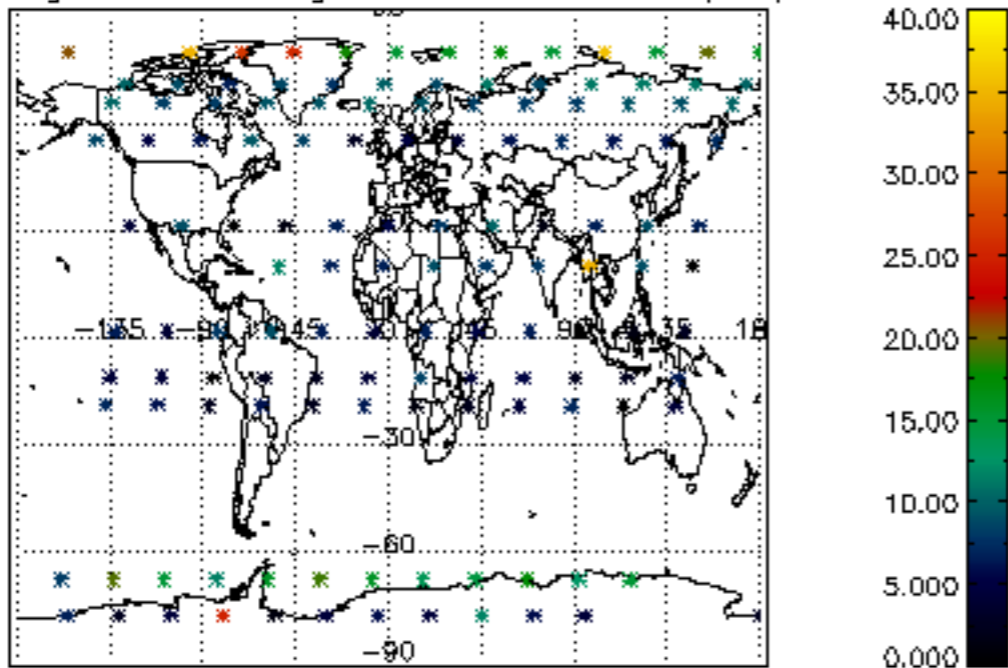
Percentage of cosmic ray hits per profile



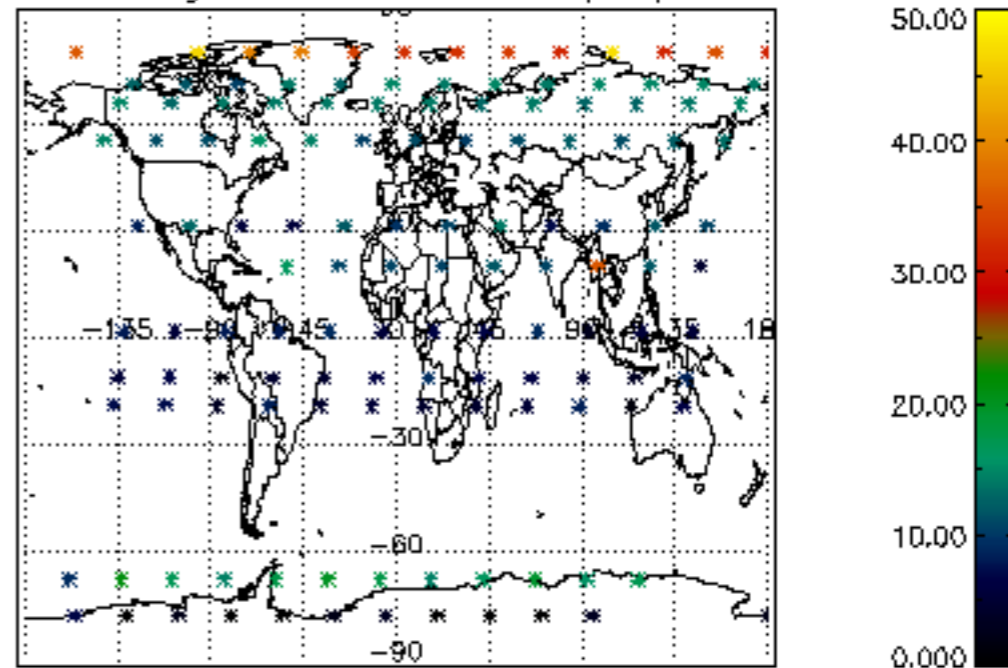
Percentage of datation errors per profile

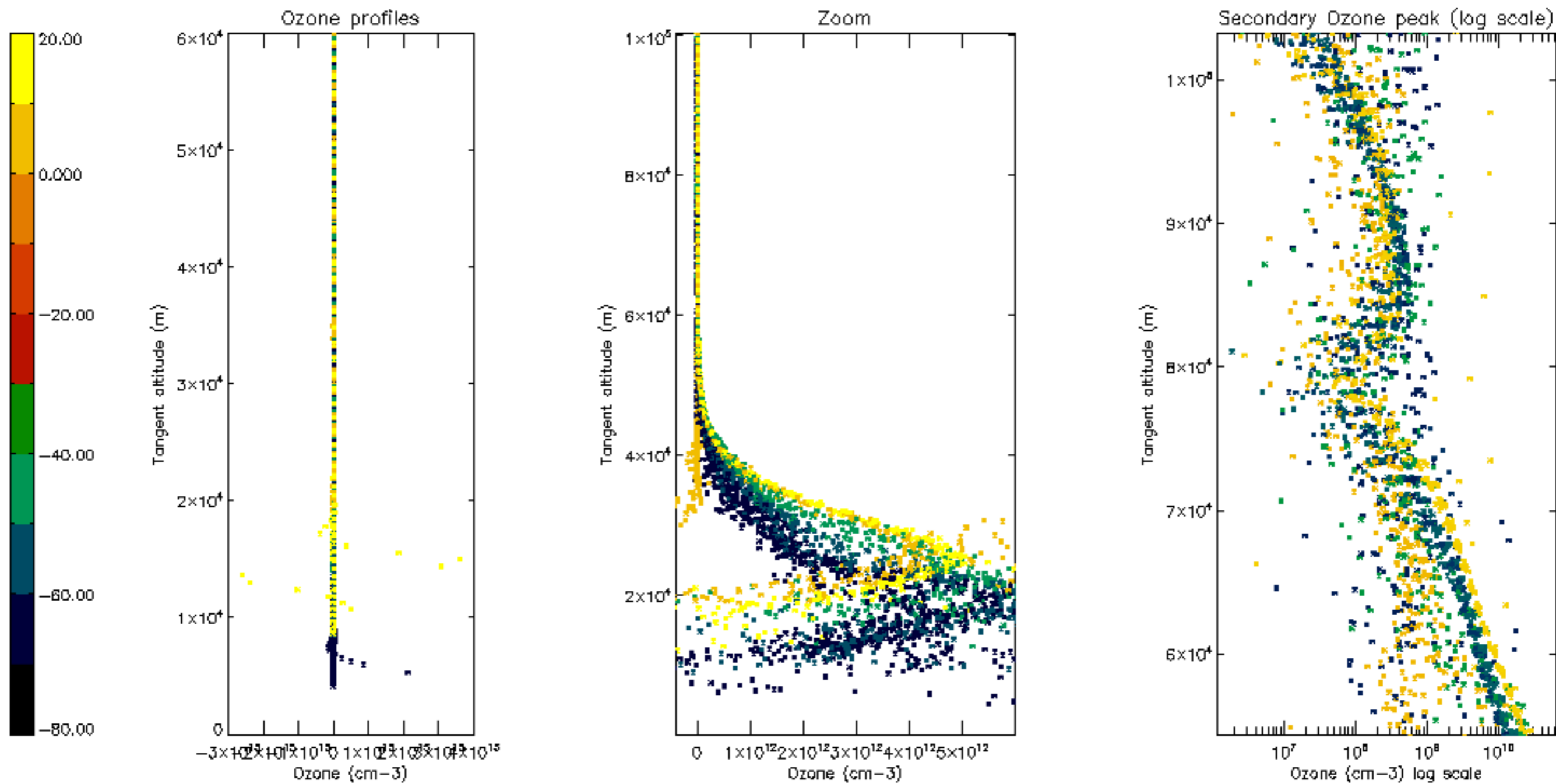


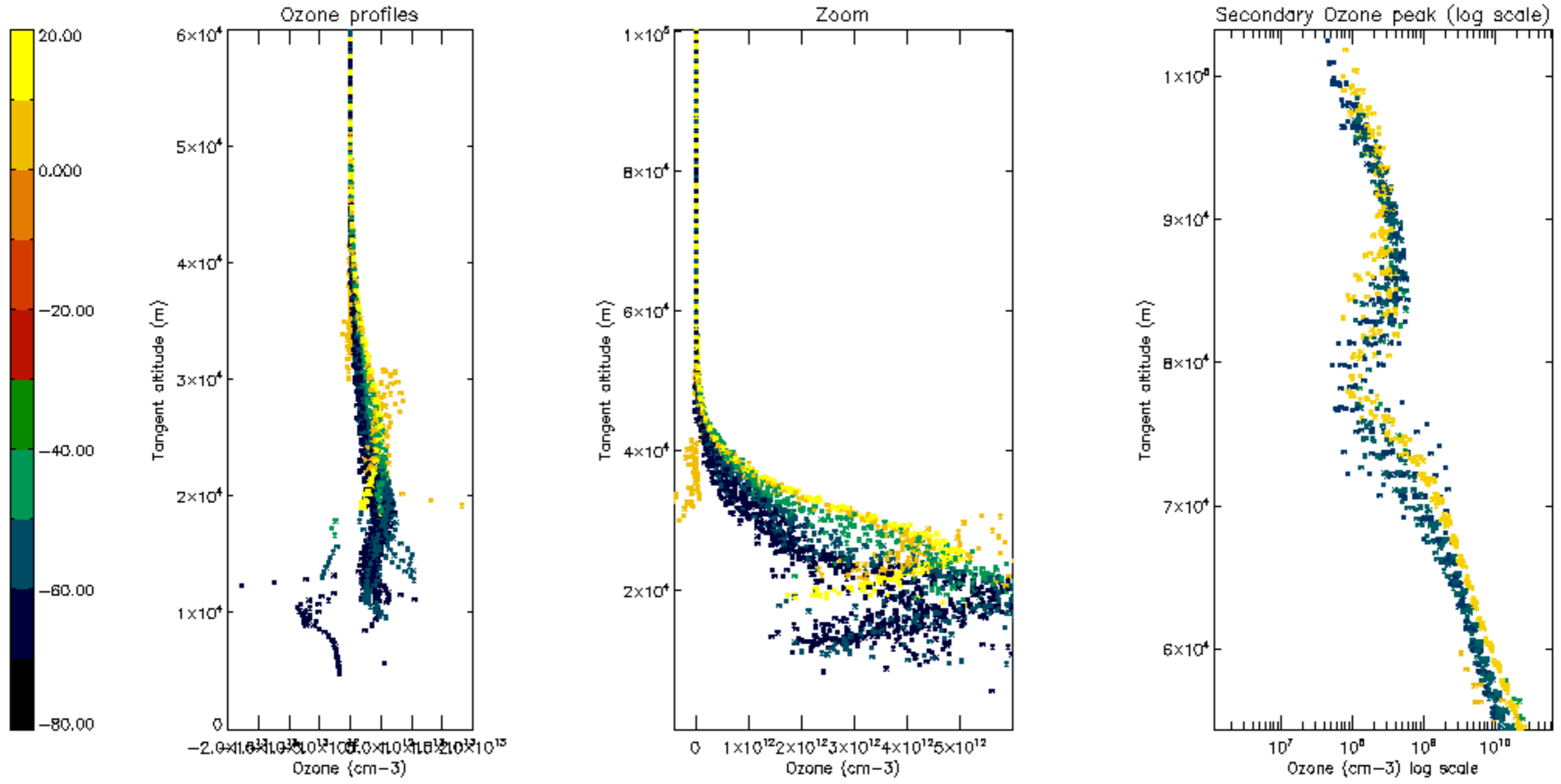
Percentage of star falling outside central band per profile

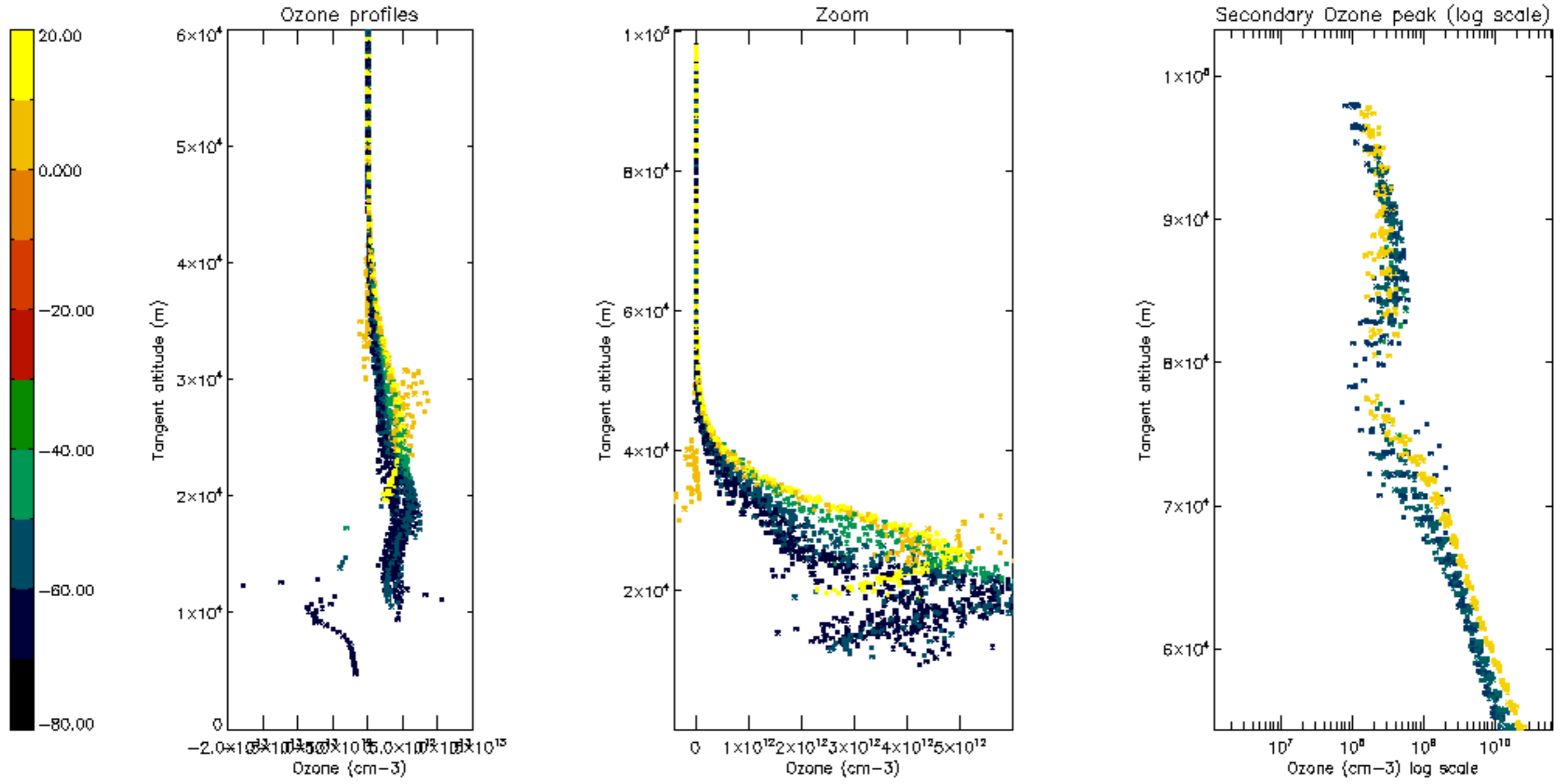


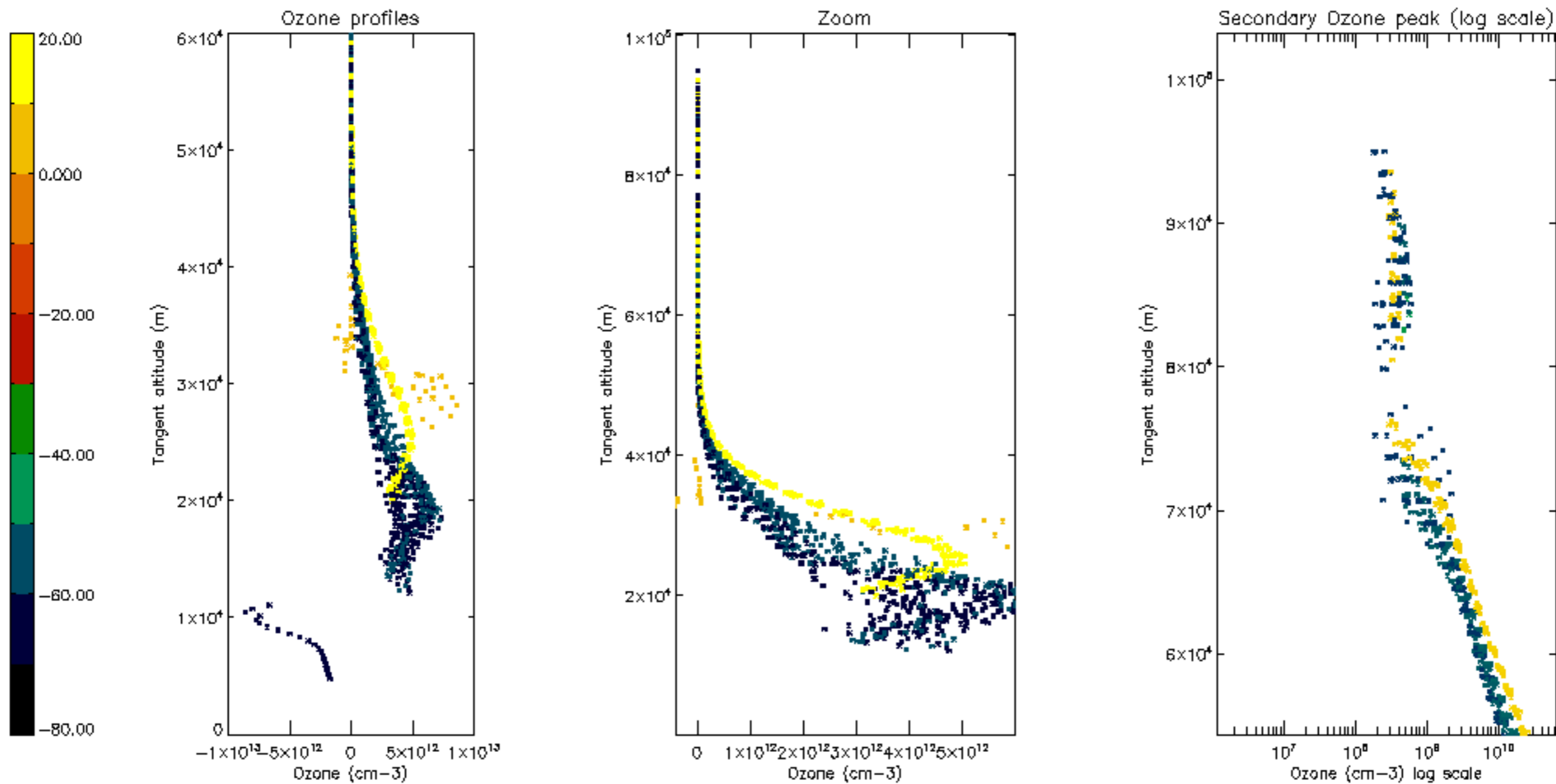
Percentage of saturation errors per profile

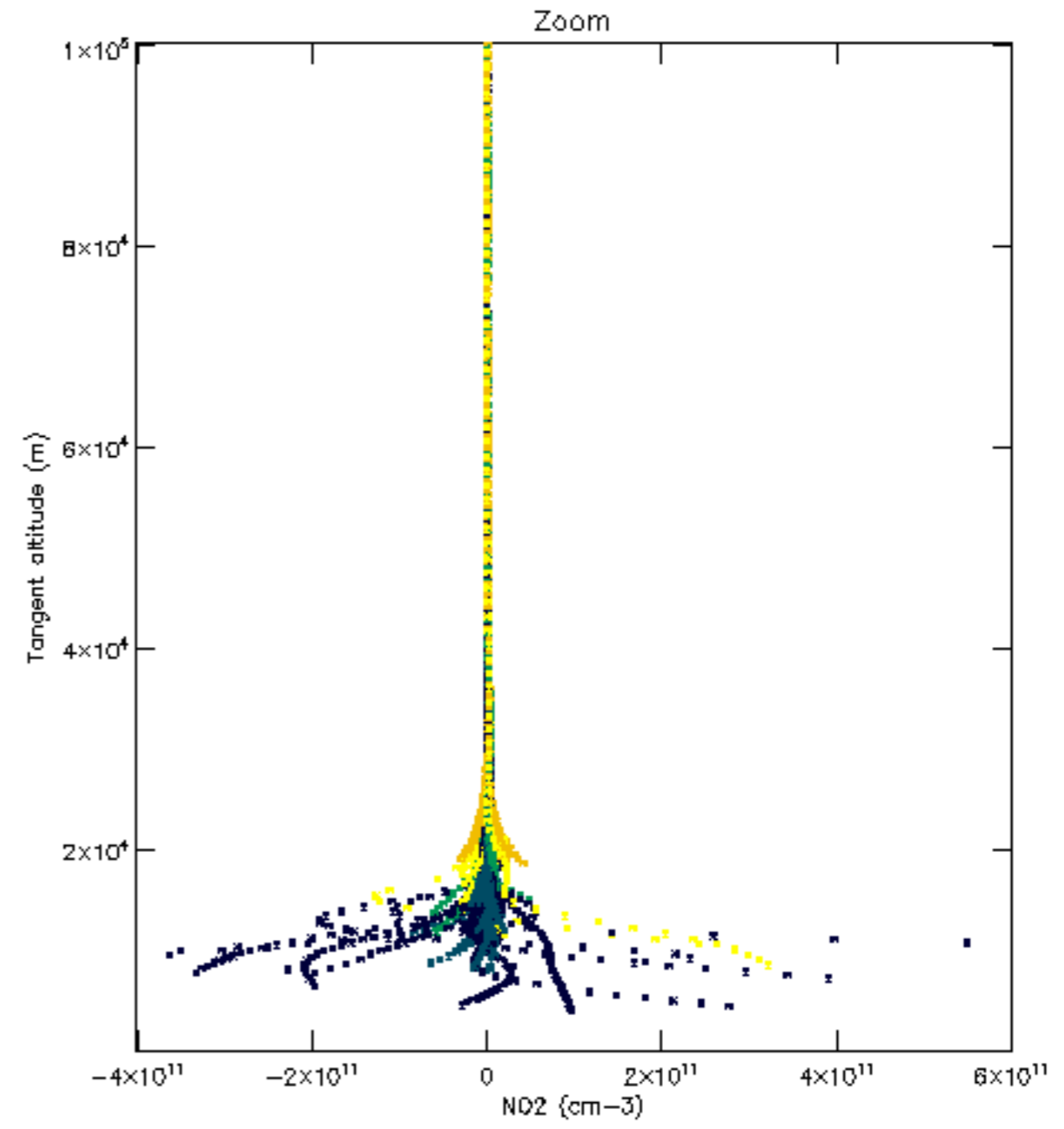
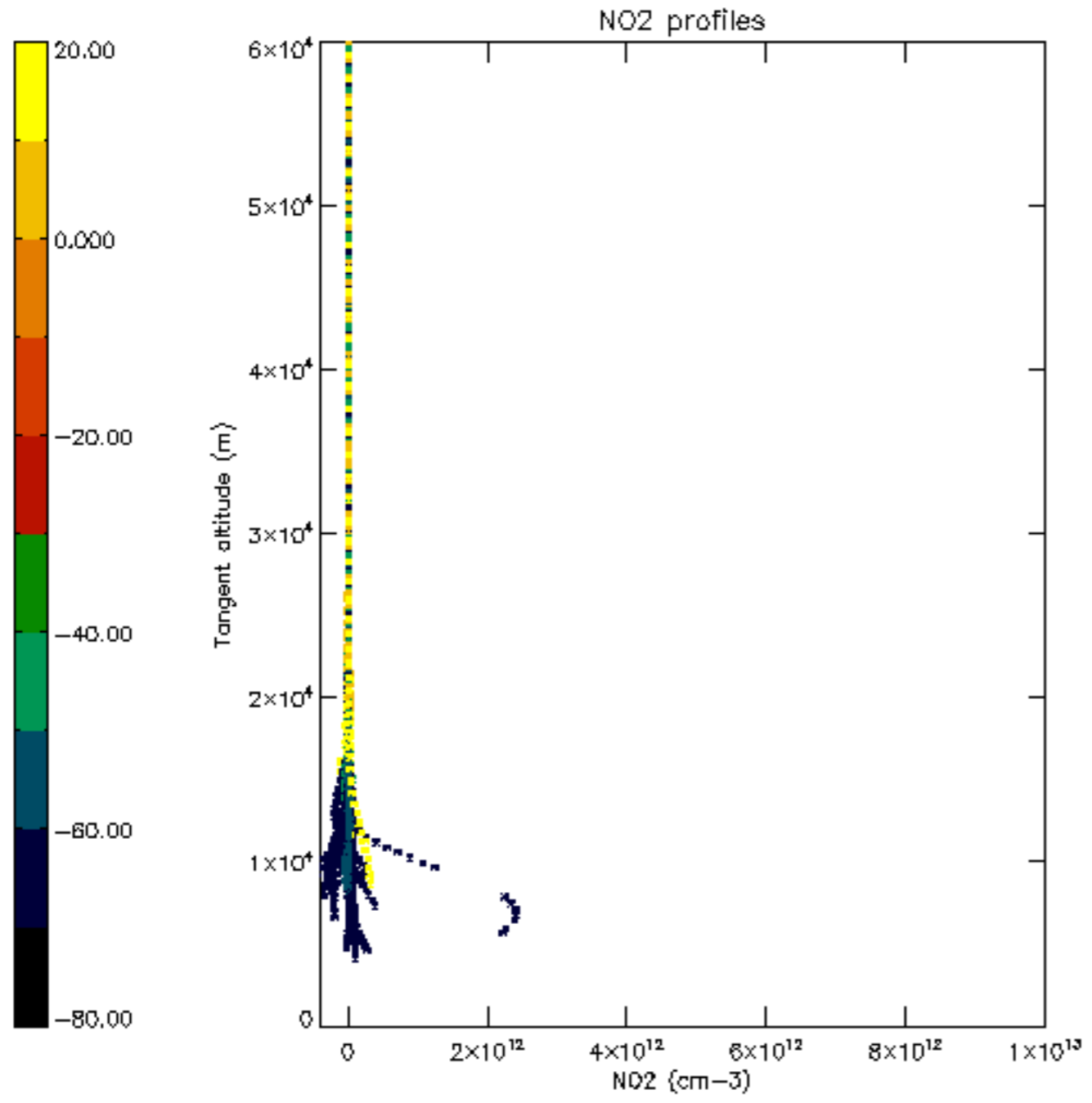


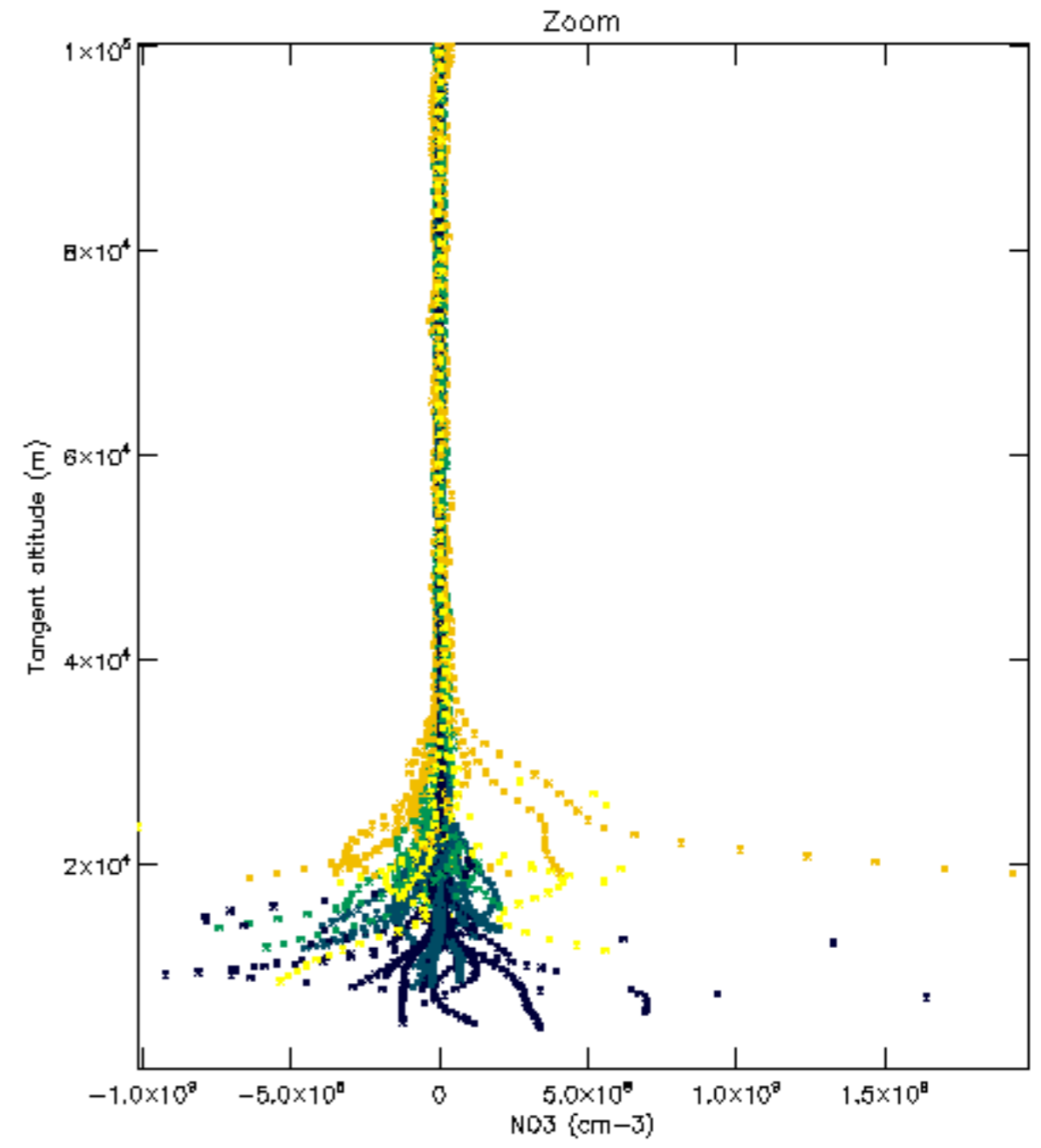
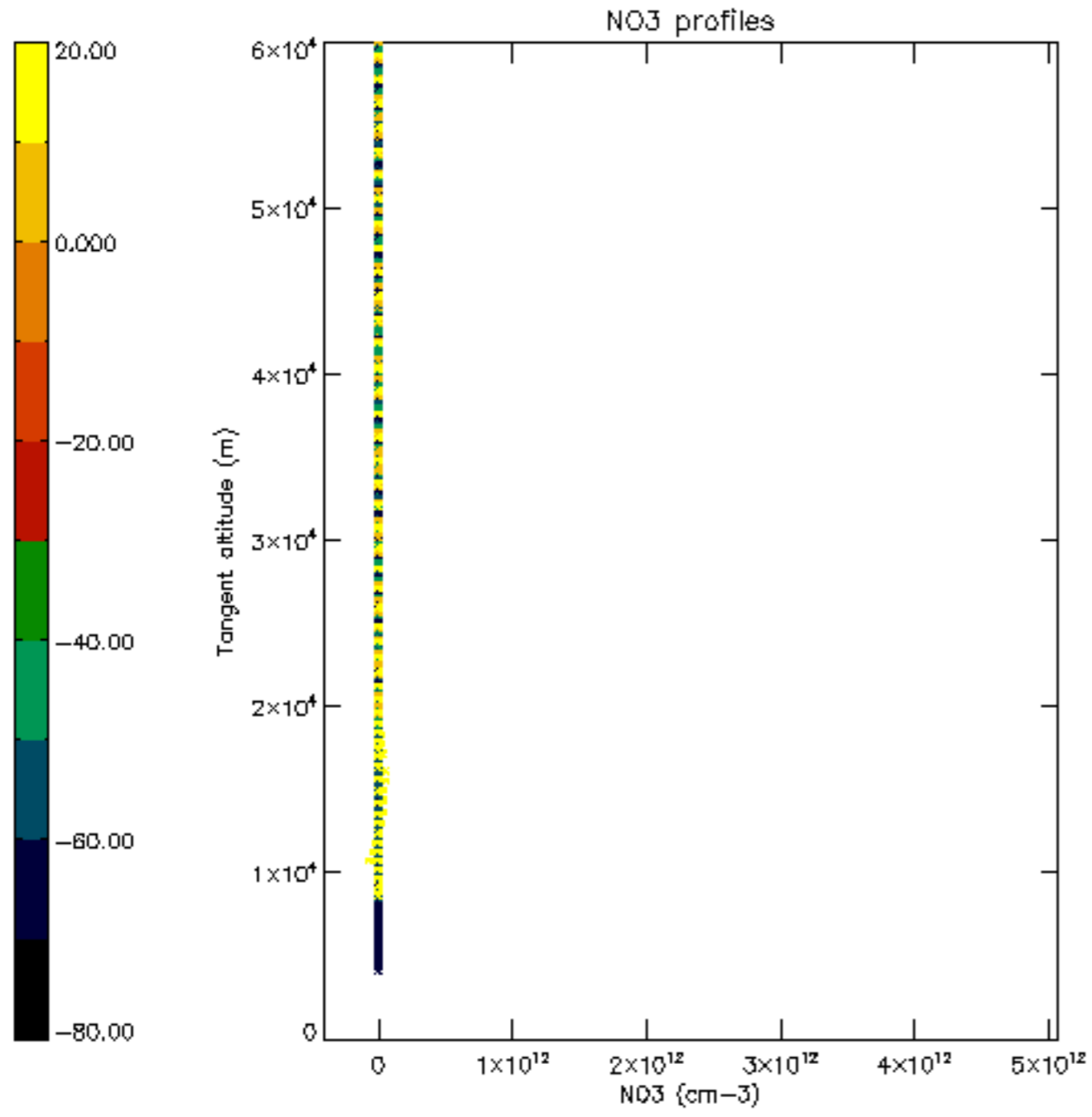


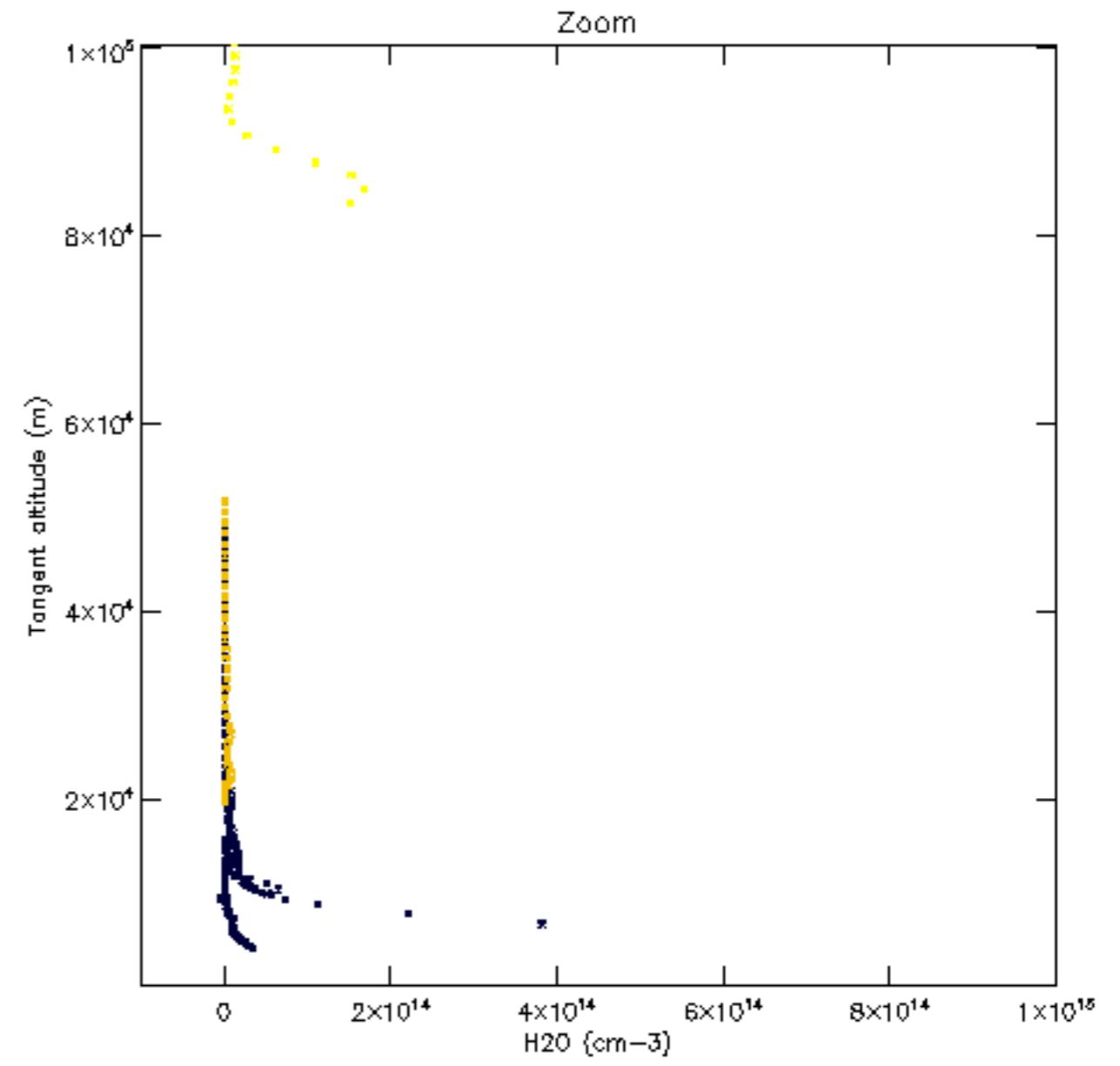
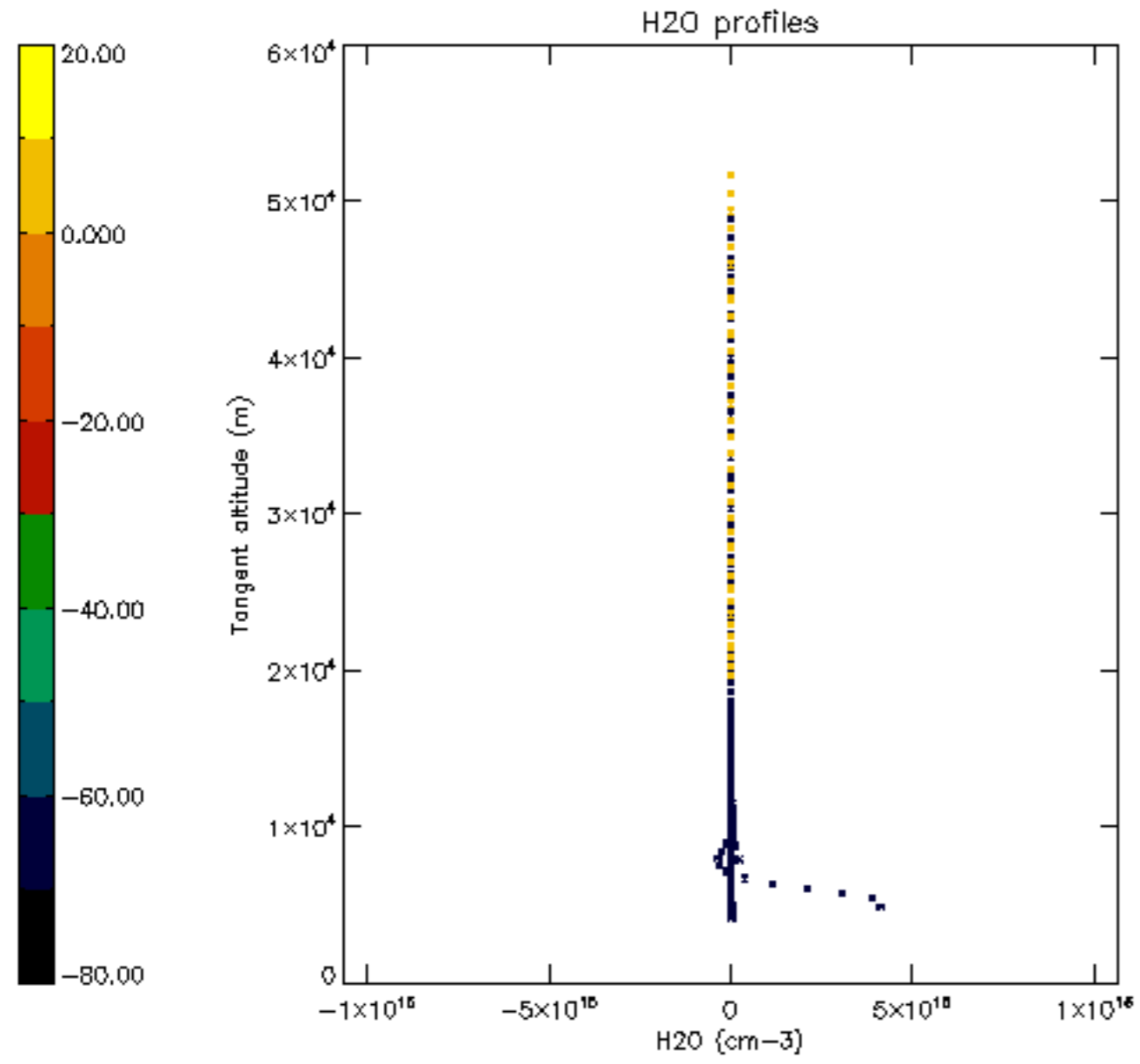


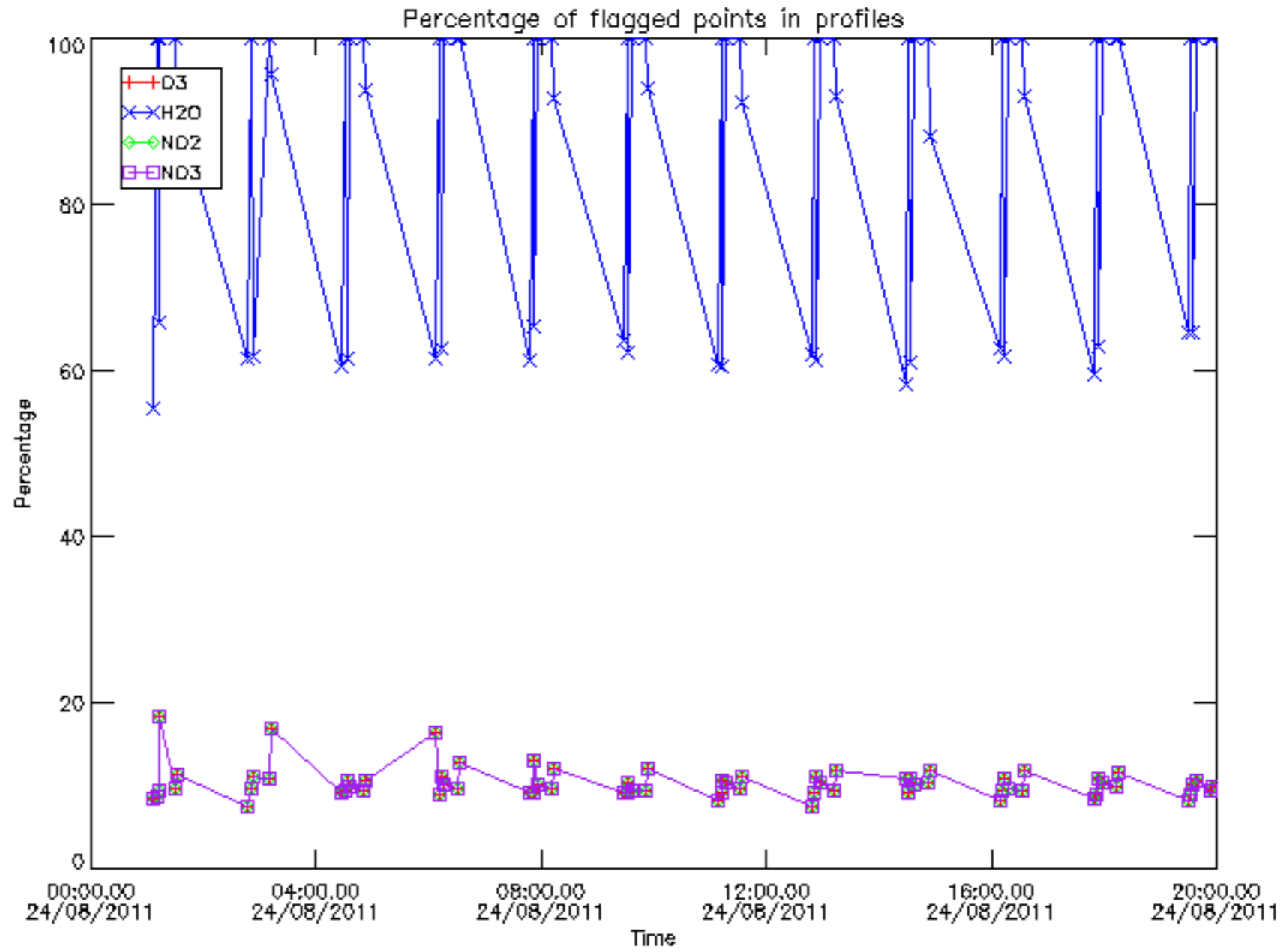




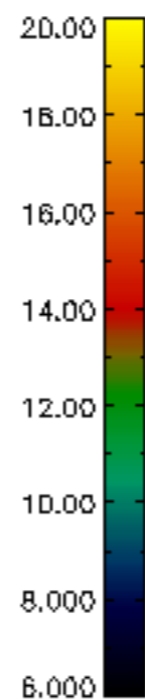
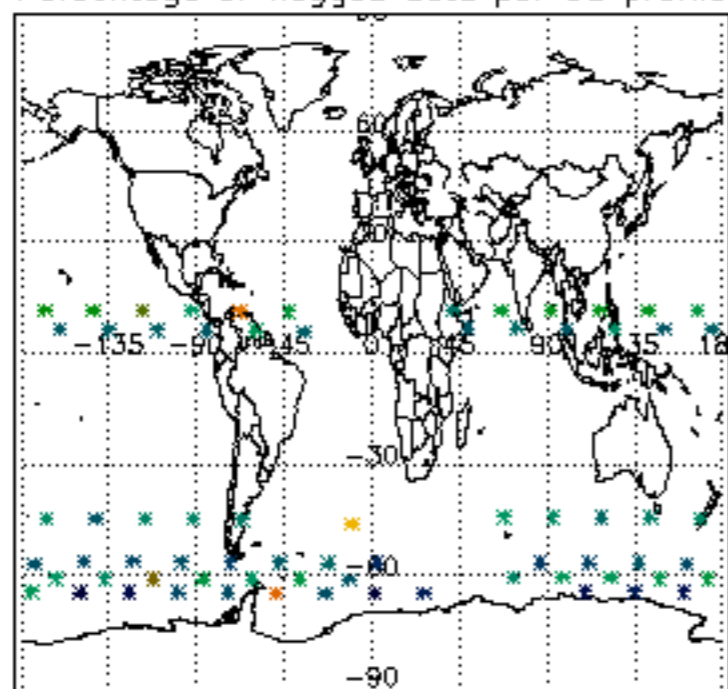




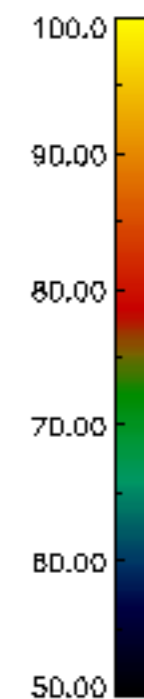
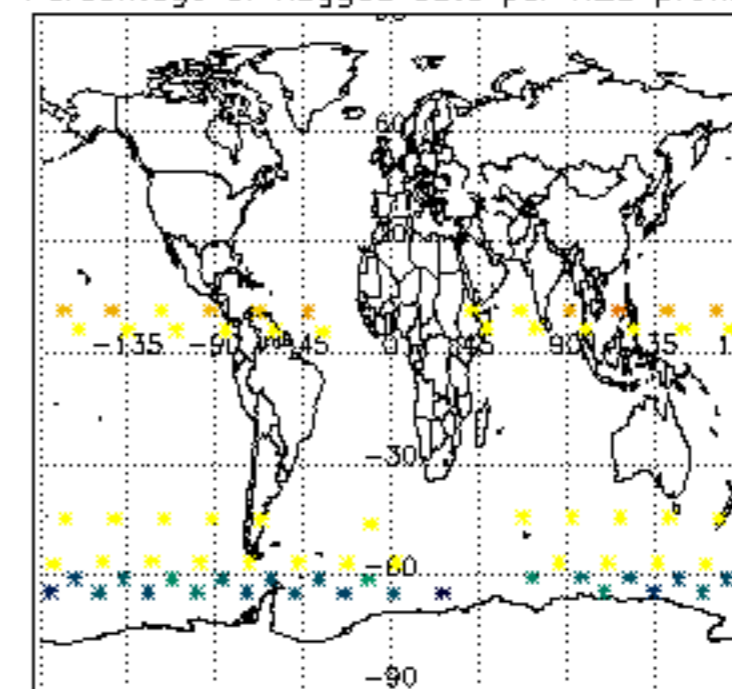




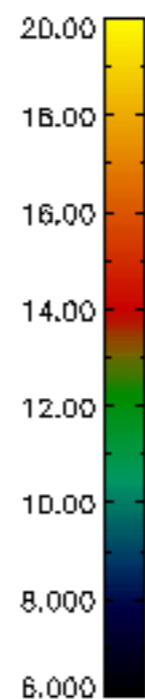
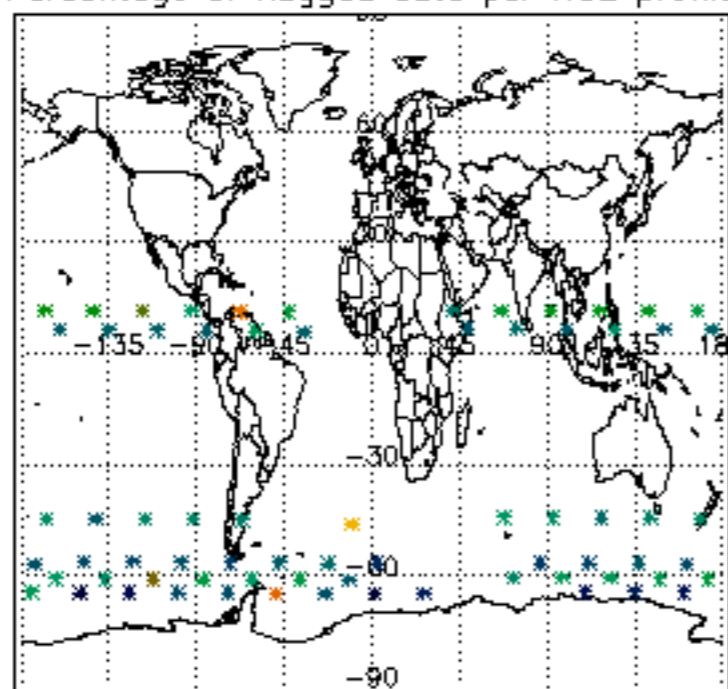
Percentage of flagged data per D3 profile



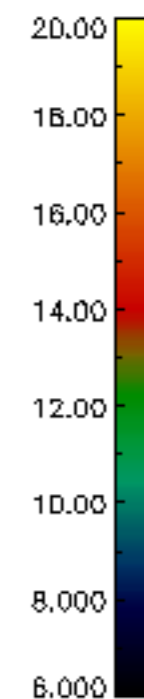
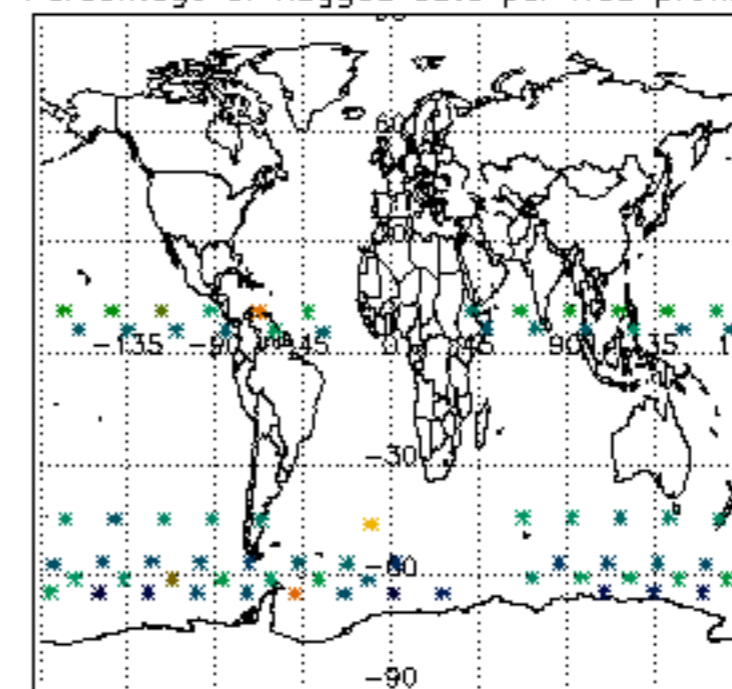
Percentage of flagged data per H2O profile

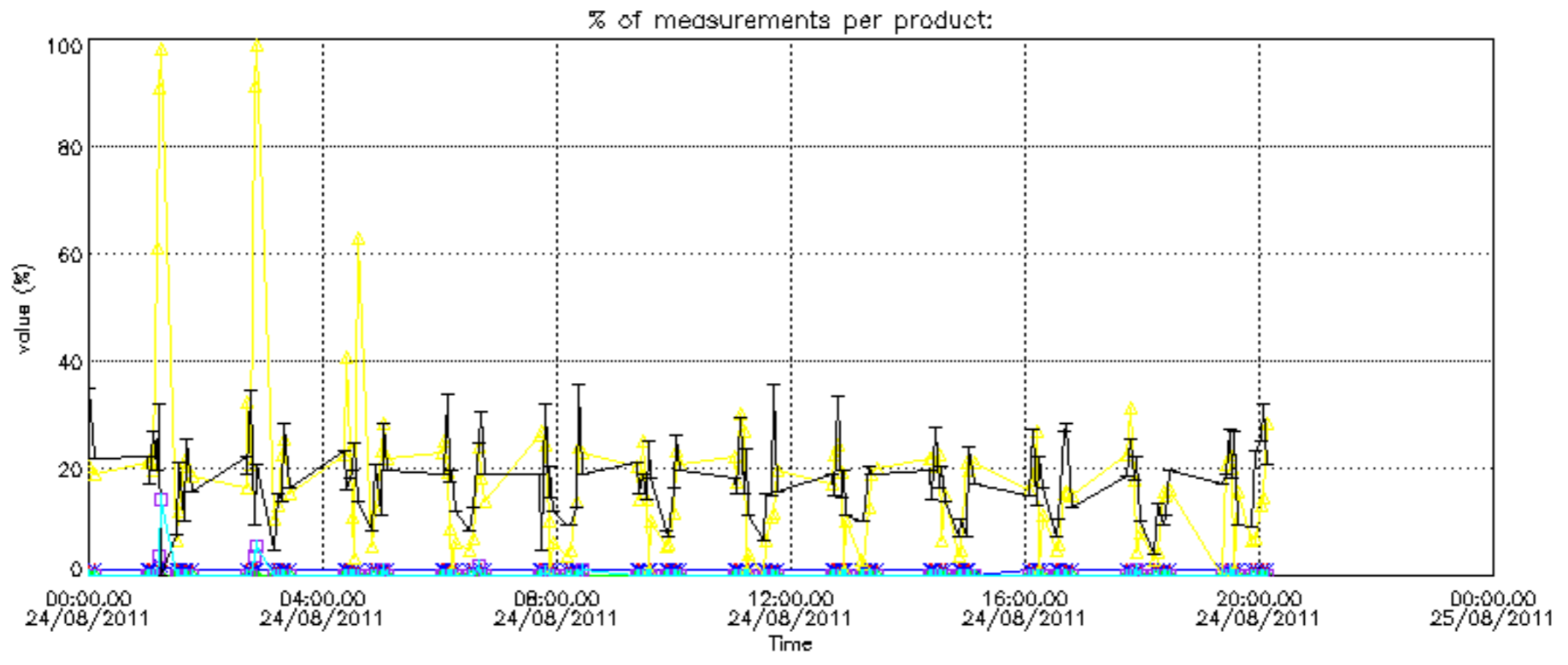


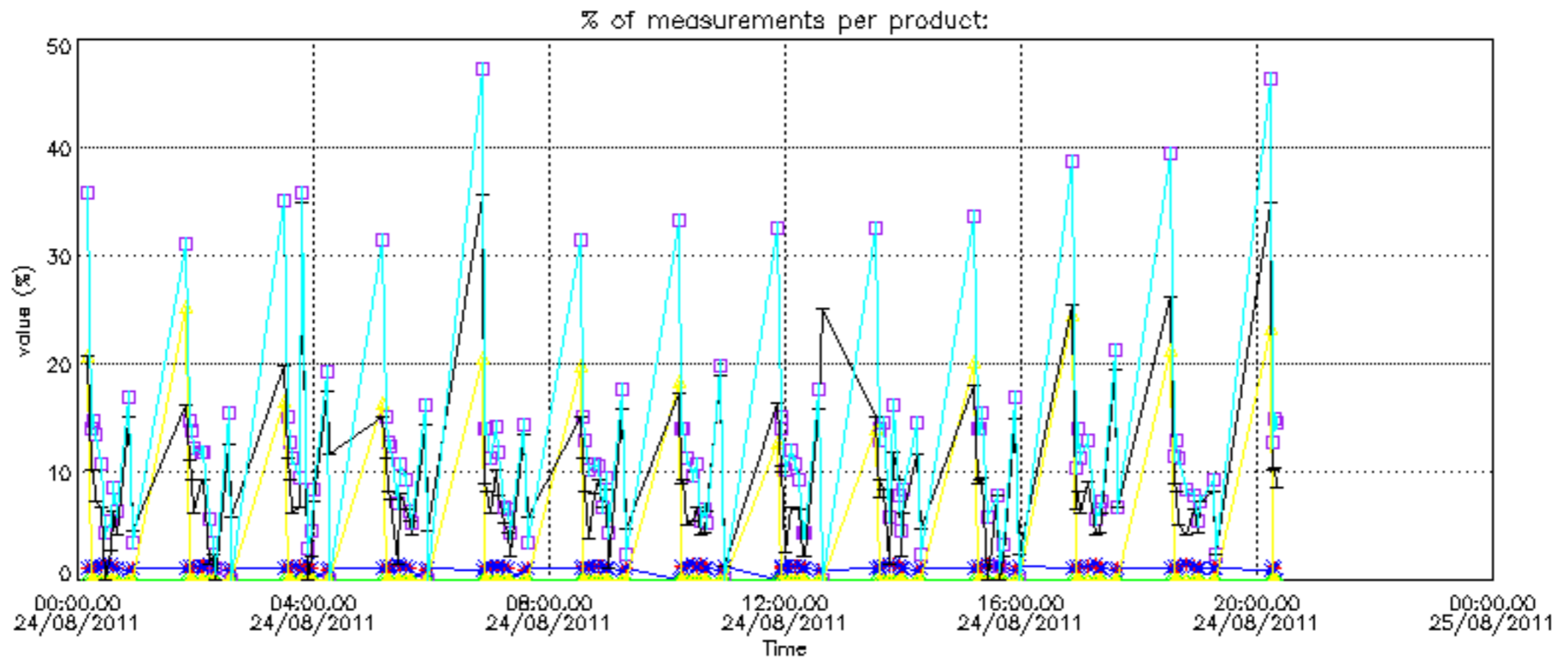
Percentage of flagged data per NO2 profile



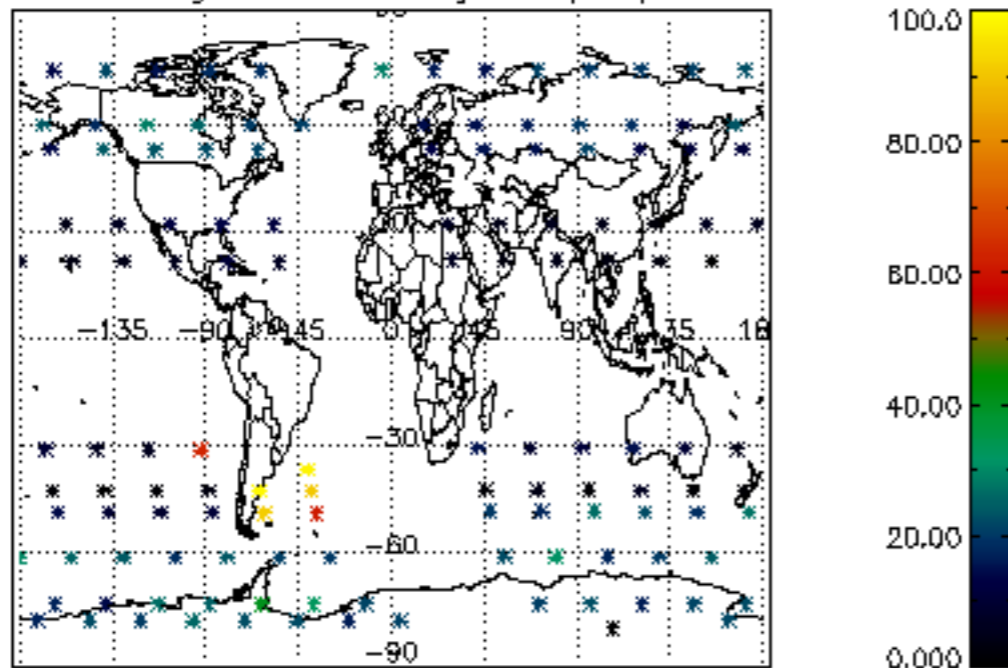
Percentage of flagged data per NO3 profile



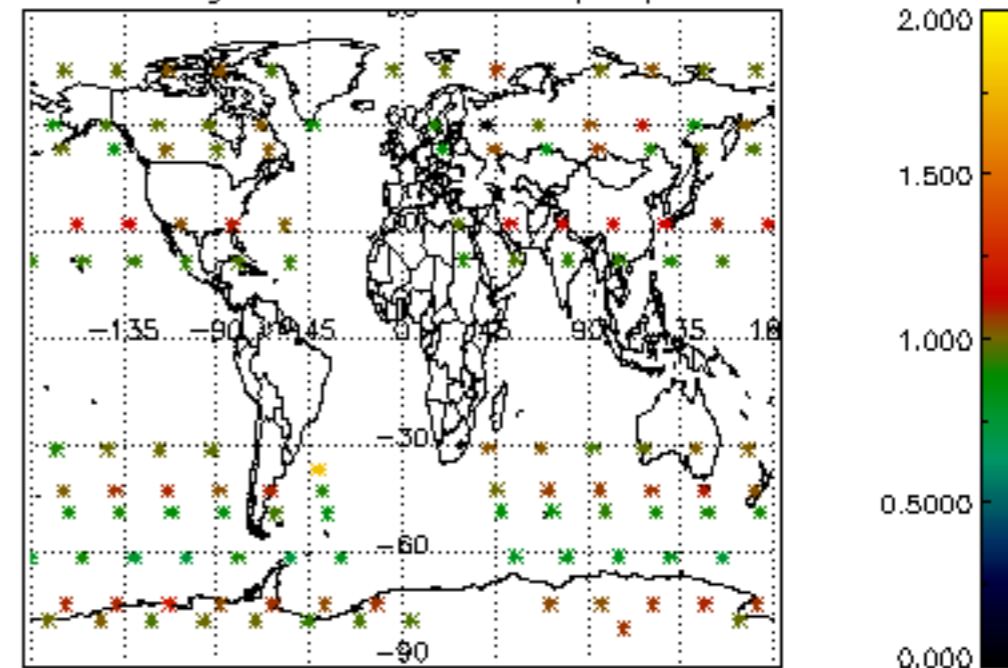




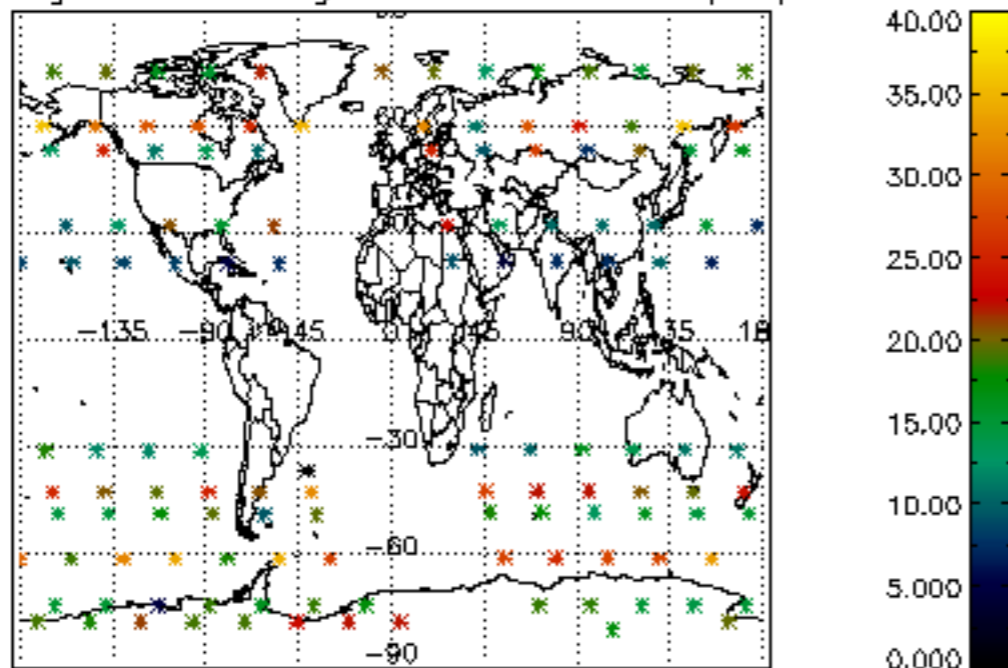
Percentage of cosmic ray hits per profile



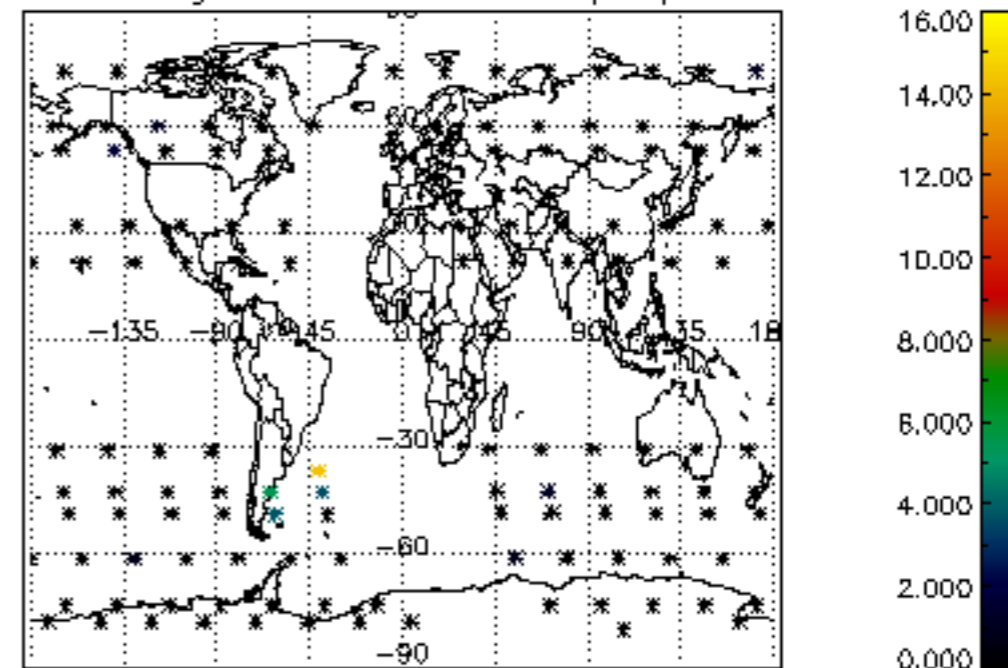
Percentage of datation errors per profile



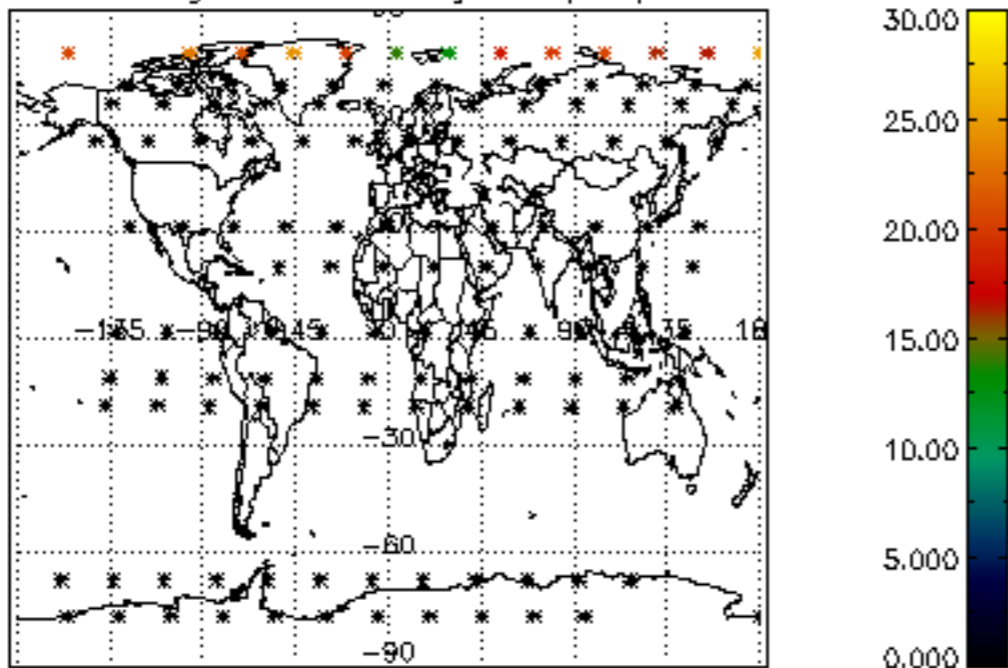
Percentage of star falling outside central band per profile



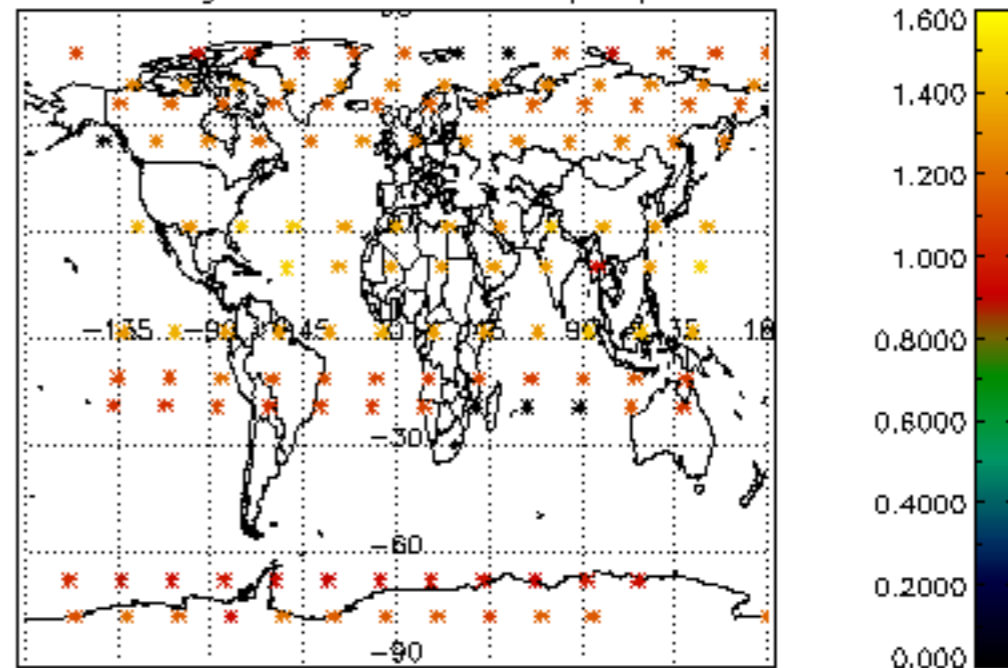
Percentage of saturation errors per profile



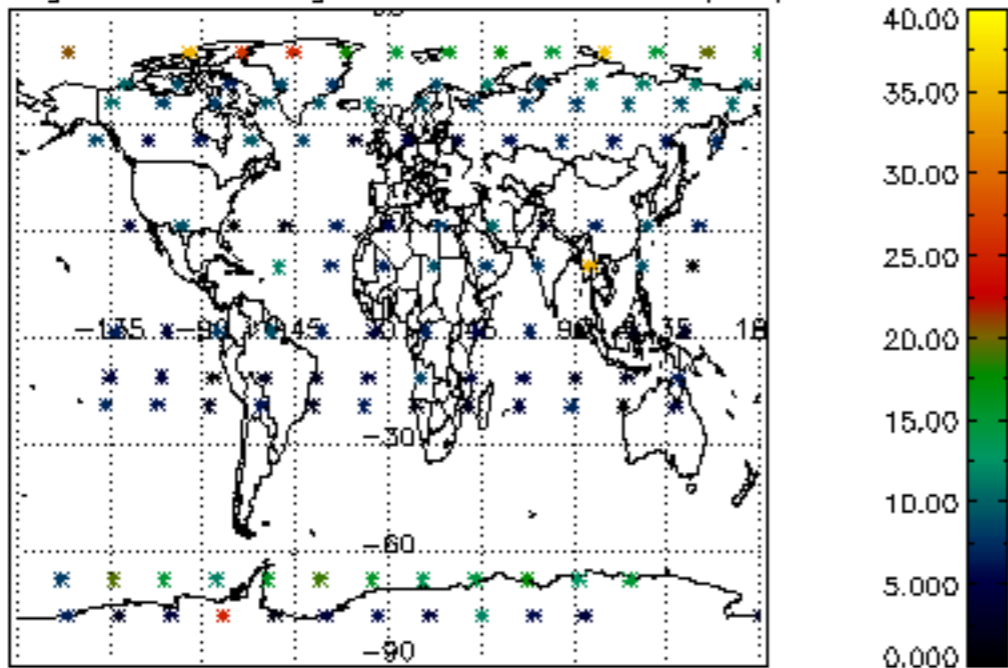
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

