

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 09:41:01
Data source version	GOMOS/6.01
Start time of products	27-01-2011 (27JAN2011 00:00:00)
Stop time of products	28-01-2011 (28JAN2011 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.

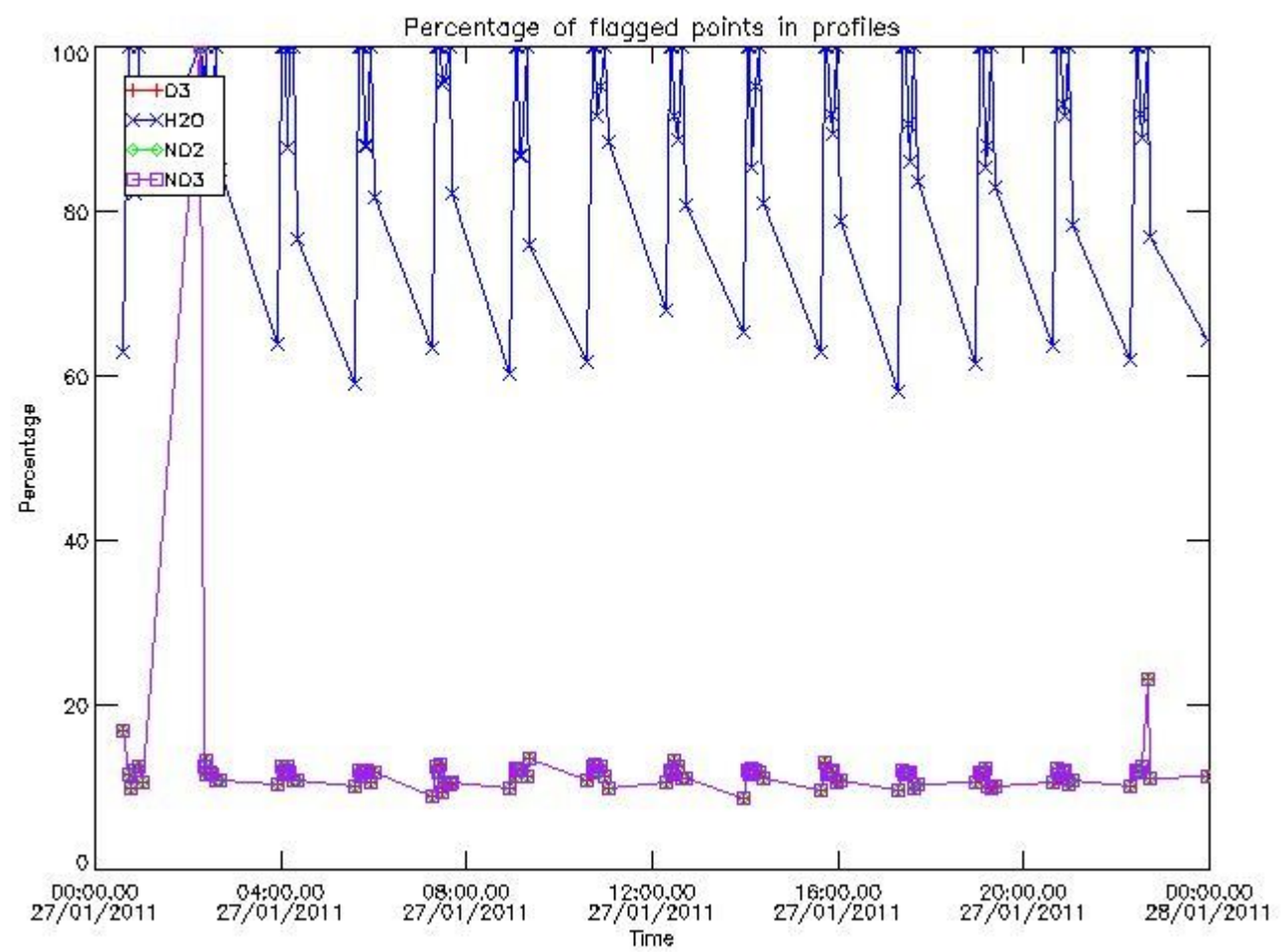
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110127_000337_000000403099_00016_46582_2585.N1	27-JAN-2011 00:03:37	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46582	No
2	GOM_NL__2PRFIN20110127_000814_000000403099_00016_46582_2586.N1	27-JAN-2011 00:08:14	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46582	No
3	GOM_NL__2PRFIN20110127_001113_000000383099_00016_46582_2587.N1	27-JAN-2011 00:11:13	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46582	No
4	GOM_NL__2PRFIN20110127_001742_000000413099_00016_46582_2588.N1	27-JAN-2011 00:17:42	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	46582	No
5	GOM_NL__2PRFIN20110127_002107_000000623099_00016_46582_2589.N1	27-JAN-2011 00:21:07	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46582	No
6	GOM_NL__2PRFIN20110127_002738_000000423099_00016_46582_2590.N1	27-JAN-2011 00:27:38	Twilight	42.000	102	24Alp Ser	2.6000	4250.0	84	46582	No
7	GOM_NL__2PRFIN20110127_003039_000000453099_00016_46582_2591.N1	27-JAN-2011 00:30:39	Twilight	45.000	98	13Zet Oph	2.5710	30000.	90	46582	No
8	GOM_NL__2PRFIN20110127_003509_000000573099_00016_46582_2592.N1	27-JAN-2011 00:35:09	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	46582	No
9	GOM_NL__2PRFIN20110127_004420_000000443099_00017_46583_2587.N1	27-JAN-2011 00:44:20	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46583	No
10	GOM_NL__2PRFIN20110127_004721_000000523099_00017_46583_2588.N1	27-JAN-2011 00:47:21	Dark	51.500	10	Bet Cen	0.61000	28000.	103	46583	No
11	GOM_NL__2PRFIN20110127_005047_000000433099_00017_46583_2589.N1	27-JAN-2011 00:50:47	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46583	No
12	GOM_NL__2PRFIN20110127_005624_000000453099_00017_46583_2590.N1	27-JAN-2011 00:56:24	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46583	No
13	GOM_NL__2PRFIN20110127_010105_000000493099_00017_46583_2591.N1	27-JAN-2011 01:01:05	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46583	No
14	GOM_NL__2PRFIN20110127_010744_000000443099_00017_46583_2592.N1	27-JAN-2011 01:07:44	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46583	No
15	GOM_NL__2PRFIN20110127_011641_000000463099_00017_46583_2593.N1	27-JAN-2011 01:16:41	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	46583	No
16	GOM_NL__2PRFIN20110127_012333_000000443099_00017_46583_2594.N1	27-JAN-2011 01:23:33	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46583	No
17	GOM_NL__2PRFIN20110127_013854_000000433099_00017_46583_2595.N1	27-JAN-2011 01:38:54	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	46583	No
18	GOM_NL__2PRFIN20110127_014351_000000393099_00017_46583_2596.N1	27-JAN-2011 01:43:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46583	No
19	GOM_NL__2PRFIN20110127_014827_000000403099_00017_46583_2597.N1	27-JAN-2011 01:48:27	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46583	No
20	GOM_NL__2PRFIN20110127_015127_000000543099_00017_46583_2598.N1	27-JAN-2011 01:51:27	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46583	No
21	GOM_NL__2PRFIN20110127_015756_000000603099_00017_46583_2599.N1	27-JAN-2011 01:57:56	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46583	No
22	GOM_NL__2PRFIN20110127_020121_000000433099_00017_46583_2600.N1	27-JAN-2011 02:01:21	Bright	43.000	127	27Bet Her	2.7810	4700.0	86	46583	No
23	GOM_NL__2PRFIN20110127_020753_000000423099_00017_46583_2601.N1	27-JAN-2011 02:07:53	Twilight	41.500	102	24Alp Ser	2.6000	4250.0	83	46583	No
24	GOM_NL__2PRFIN20110127_021054_000000463099_00017_46583_2602.N1	27-JAN-2011 02:10:54	Twilight	46.000	98	13Zet Oph	2.5710	30000.	92	46583	No
25	GOM_NL__2PRFIN20110127_021524_000000493099_00017_46583_2603.N1	27-JAN-2011 02:15:24	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	46583	No
26	GOM_NL__2PRFIN20110127_022102_000000453099_00017_46583_2604.N1	27-JAN-2011 02:21:02	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46583	No
27	GOM_NL__2PRFIN20110127_022308_000000433099_00017_46583_2605.N1	27-JAN-2011 02:23:08	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46583	No
28	GOM_NL__2PRFIN20110127_022435_000000443099_00018_46584_2599.N1	27-JAN-2011 02:24:35	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46584	No
29	GOM_NL__2PRFIN20110127_022736_000000443099_00018_46584_2600.N1	27-JAN-2011 02:27:36	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46584	No
30	GOM_NL__2PRFIN20110127_023102_000000443099_00018_46584_2601.N1	27-JAN-2011 02:31:02	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46584	No
31	GOM_NL__2PRFIN20110127_023639_000000473099_00018_46584_2602.N1	27-JAN-2011 02:36:39	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46584	No
32	GOM_NL__2PRFIN20110127_024120_000000473099_00018_46584_2603.N1	27-JAN-2011 02:41:20	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46584	No
33	GOM_NL__2PRFIN20110127_024758_000000443099_00018_46584_2604.N1	27-JAN-2011 02:47:58	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46584	No
34	GOM_NL__2PRFIN20110127_025656_000000483099_00018_46584_2605.N1	27-JAN-2011 02:56:56	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	46584	No
35	GOM_NL__2PRFIN20110127_030346_000000443099_00018_46584_2606.N1	27-JAN-2011 03:03:46	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46584	No
36	GOM_NL__2PRFIN20110127_031907_000000493099_00018_46584_2607.N1	27-JAN-2011 03:19:07	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46584	No
37	GOM_NL__2PRFIN20110127_032405_000000403099_00018_46584_2608.N1	27-JAN-2011 03:24:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46584	No
38	GOM_NL__2PRFIN20110127_032841_000000403099_00018_46584_2609.N1	27-JAN-2011 03:28:41	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46584	No
39	GOM_NL__2PRFIN20110127_033141_000000383099_00018_46584_2610.N1	27-JAN-2011 03:31:41	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46584	No
40	GOM_NL__2PRFIN20110127_033810_000000603099_00018_46584_2611.N1	27-JAN-2011 03:38:10	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46584	No
41	GOM_NL__2PRFIN20110127_034135_000000623099_00018_46584_2612.N1	27-JAN-2011 03:41:35	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46584	No
42	GOM_NL__2PRFIN20110127_034808_000000333099_00018_46584_2613.N1	27-JAN-2011 03:48:08	Twilight	33.000	102	24Alp Ser	2.6000	4250.0	66	46584	No

220	GOM_NL__2PRFIN20110127_201100_000000413099_00028_46594_2950.N1	27-JAN-2011 20:11:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46594	No
221	GOM_NL__2PRFIN20110127_201401_000000543099_00028_46594_2951.N1	27-JAN-2011 20:14:01	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46594	No
222	GOM_NL__2PRFIN20110127_202032_000000603099_00028_46594_2952.N1	27-JAN-2011 20:20:32	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46594	No
223	GOM_NL__2PRFIN20110127_202359_000000443099_00028_46594_2953.N1	27-JAN-2011 20:23:59	Bright	43.500	127	27Bet Her	2.7810	4700.0	87	46594	No
224	GOM_NL__2PRFIN20110127_202534_000000363099_00028_46594_2954.N1	27-JAN-2011 20:25:34	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	46594	No
225	GOM_NL__2PRFIN20110127_203334_000000443099_00028_46594_2955.N1	27-JAN-2011 20:33:34	Twilight	44.000	98	13Zet Oph	2.5710	30000.	88	46594	No
226	GOM_NL__2PRFIN20110127_203805_000000493099_00028_46594_2956.N1	27-JAN-2011 20:38:05	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	46594	No
227	GOM_NL__2PRFIN20110127_204345_000000423099_00028_46594_2957.N1	27-JAN-2011 20:43:45	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46594	No
228	GOM_NL__2PRFIN20110127_204551_000000453099_00028_46594_2958.N1	27-JAN-2011 20:45:51	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46594	No
229	GOM_NL__2PRFIN20110127_204718_000000463099_00029_46595_2967.N1	27-JAN-2011 20:47:18	Dark	45.500	78	Alp Lup	2.3040	28000.	91	46595	No
230	GOM_NL__2PRFIN20110127_205017_000000443099_00029_46595_2968.N1	27-JAN-2011 20:50:17	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46595	No
231	GOM_NL__2PRFIN20110127_205342_000000423099_00029_46595_2969.N1	27-JAN-2011 20:53:42	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46595	No
232	GOM_NL__2PRFIN20110127_205920_000000503099_00029_46595_2970.N1	27-JAN-2011 20:59:20	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46595	No
233	GOM_NL__2PRFIN20110127_210359_000000473099_00029_46595_2971.N1	27-JAN-2011 21:03:59	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	46595	No
234	GOM_NL__2PRFIN20110127_211035_000000433099_00029_46595_2972.N1	27-JAN-2011 21:10:35	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46595	No
235	GOM_NL__2PRFIN20110127_211930_000000543099_00029_46595_2973.N1	27-JAN-2011 21:19:30	Twilight	54.000	8	10Alp CMI	0.40000	6500.0	108	46595	No
236	GOM_NL__2PRFIN20110127_212618_000000433099_00029_46595_2974.N1	27-JAN-2011 21:26:18	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	46595	No
237	GOM_NL__2PRFIN20110127_214134_000000473099_00029_46595_2975.N1	27-JAN-2011 21:41:34	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46595	No
238	GOM_NL__2PRFIN20110127_214637_000000423099_00029_46595_2976.N1	27-JAN-2011 21:46:37	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46595	No
239	GOM_NL__2PRFIN20110127_215114_000000403099_00029_46595_2977.N1	27-JAN-2011 21:51:14	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46595	No
240	GOM_NL__2PRFIN20110127_215415_000000543099_00029_46595_2978.N1	27-JAN-2011 21:54:15	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46595	No
241	GOM_NL__2PRFIN20110127_220046_000000603099_00029_46595_2979.N1	27-JAN-2011 22:00:46	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46595	No
242	GOM_NL__2PRFIN20110127_220413_000000633099_00029_46595_2980.N1	27-JAN-2011 22:04:13	Bright	63.000	127	27Bet Her	2.7810	4700.0	126	46595	No
243	GOM_NL__2PRFIN20110127_220548_000000543099_00029_46595_2981.N1	27-JAN-2011 22:05:48	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	46595	No
244	GOM_NL__2PRFIN20110127_221349_000000463099_00029_46595_2982.N1	27-JAN-2011 22:13:49	Twilight	45.500	98	13Zet Oph	2.5710	30000.	91	46595	No
245	GOM_NL__2PRFIN20110127_221820_000000513099_00029_46595_2983.N1	27-JAN-2011 22:18:20	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	46595	No
246	GOM_NL__2PRFIN20110127_222359_000000423099_00029_46595_2984.N1	27-JAN-2011 22:23:59	Dark	42.000	131	Gam Lup	2.8000	26000.	84	46595	No
247	GOM_NL__2PRFIN20110127_222606_000000433099_00029_46595_2985.N1	27-JAN-2011 22:26:06	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46595	No
248	GOM_NL__2PRFIN20110127_222733_000000443099_00030_46596_2985.N1	27-JAN-2011 22:27:33	Dark	43.500	78	Alp Lup	2.3040	28000.	87	46596	No
249	GOM_NL__2PRFIN20110127_223031_000000433099_00030_46596_2986.N1	27-JAN-2011 22:30:31	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46596	No
250	GOM_NL__2PRFIN20110127_223357_000000413099_00030_46596_2987.N1	27-JAN-2011 22:33:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46596	No
251	GOM_NL__2PRFIN20110127_223935_000000513099_00030_46596_2988.N1	27-JAN-2011 22:39:35	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46596	No
252	GOM_NL__2PRFIN20110127_224413_000000553099_00030_46596_2989.N1	27-JAN-2011 22:44:13	Dark	54.500	65	Lam Vel	2.2040	4400.0	109	46596	No
253	GOM_NL__2PRFIN20110127_225049_000000443099_00030_46596_2990.N1	27-JAN-2011 22:50:49	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46596	No
254	GOM_NL__2PRFIN20110127_225943_000000533099_00030_46596_2991.N1	27-JAN-2011 22:59:43	Twilight	53.000	8	10Alp CMI	0.40000	6500.0	106	46596	No
255	GOM_NL__2PRFIN20110127_230632_000000443099_00030_46596_2992.N1	27-JAN-2011 23:06:32	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46596	No
256	GOM_NL__2PRFIN20110127_232147_000000493099_00030_46596_2993.N1	27-JAN-2011 23:21:47	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46596	No
257	GOM_NL__2PRFIN20110127_232651_000000413099_00030_46596_2994.N1	27-JAN-2011 23:26:51	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46596	No
258	GOM_NL__2PRFIN20110127_233128_000000403099_00030_46596_2995.N1	27-JAN-2011 23:31:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46596	No
259	GOM_NL__2PRFIN20110127_233429_000000383099_00030_46596_2996.N1	27-JAN-2011 23:34:29	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46596	No
260	GOM_NL__2PRFIN20110127_234100_000000413099_00030_46596_2997.N1	27-JAN-2011 23:41:00	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	46596	No
261	GOM_NL__2PRFIN20110127_234427_000000593099_00030_46596_2998.N1	27-JAN-2011 23:44:27	Bright	58.500	127	27Bet Her	2.7810	4700.0	117	46596	No
262	GOM_NL__2PRFIN20110127_234603_000000373099_00030_46596_2999.N1	27-JAN-2011 23:46:03	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	46596	No
263	GOM_NL__2PRFIN20110127_235403_000000473099_00030_46596_3000.N1	27-JAN-2011 23:54:03	Twilight	46.500	98	13Zet Oph	2.5710	30000.	93	46596	No
264	GOM_NL__2PRFIN20110127_235834_000000503099_00030_46596_3001.N1	27-JAN-2011 23:58:34	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	46596	No

3. Quality information per product

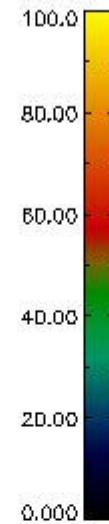
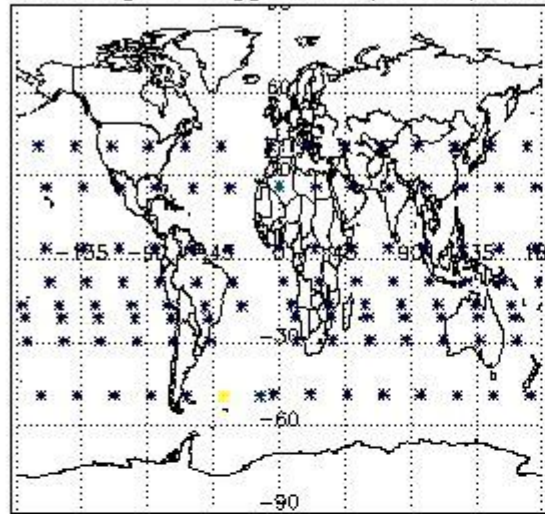
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

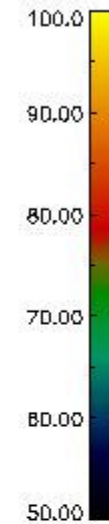
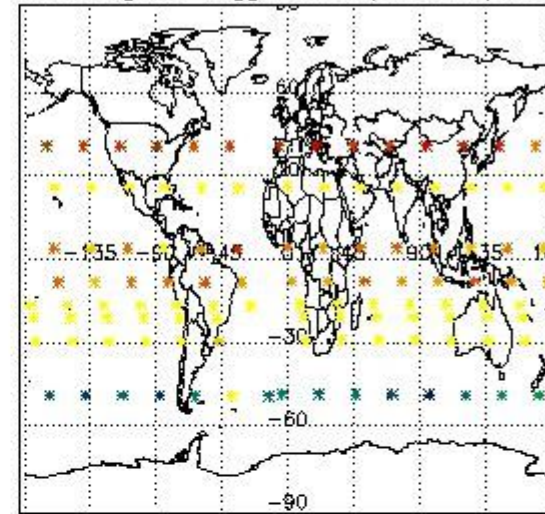


3.2 Plot quality information per product (world map)

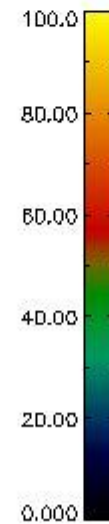
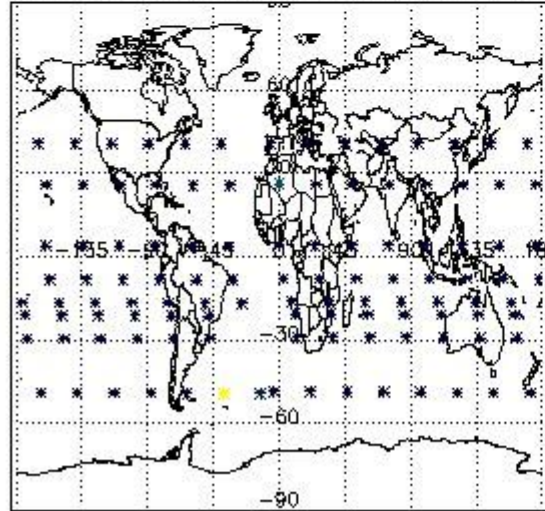
Percentage of flagged data per O3 profile



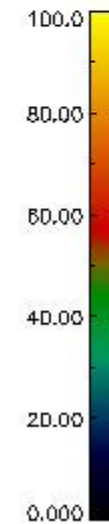
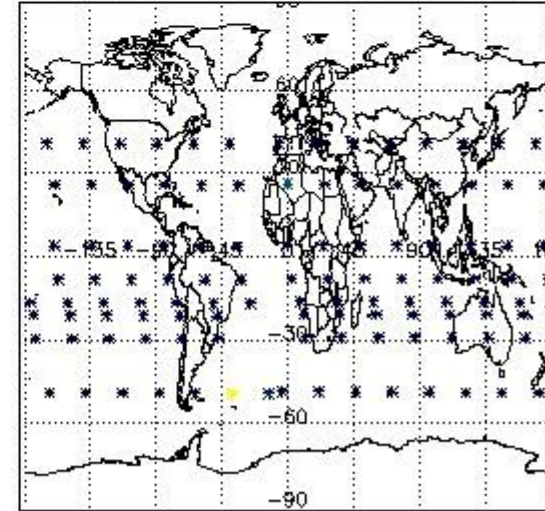
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

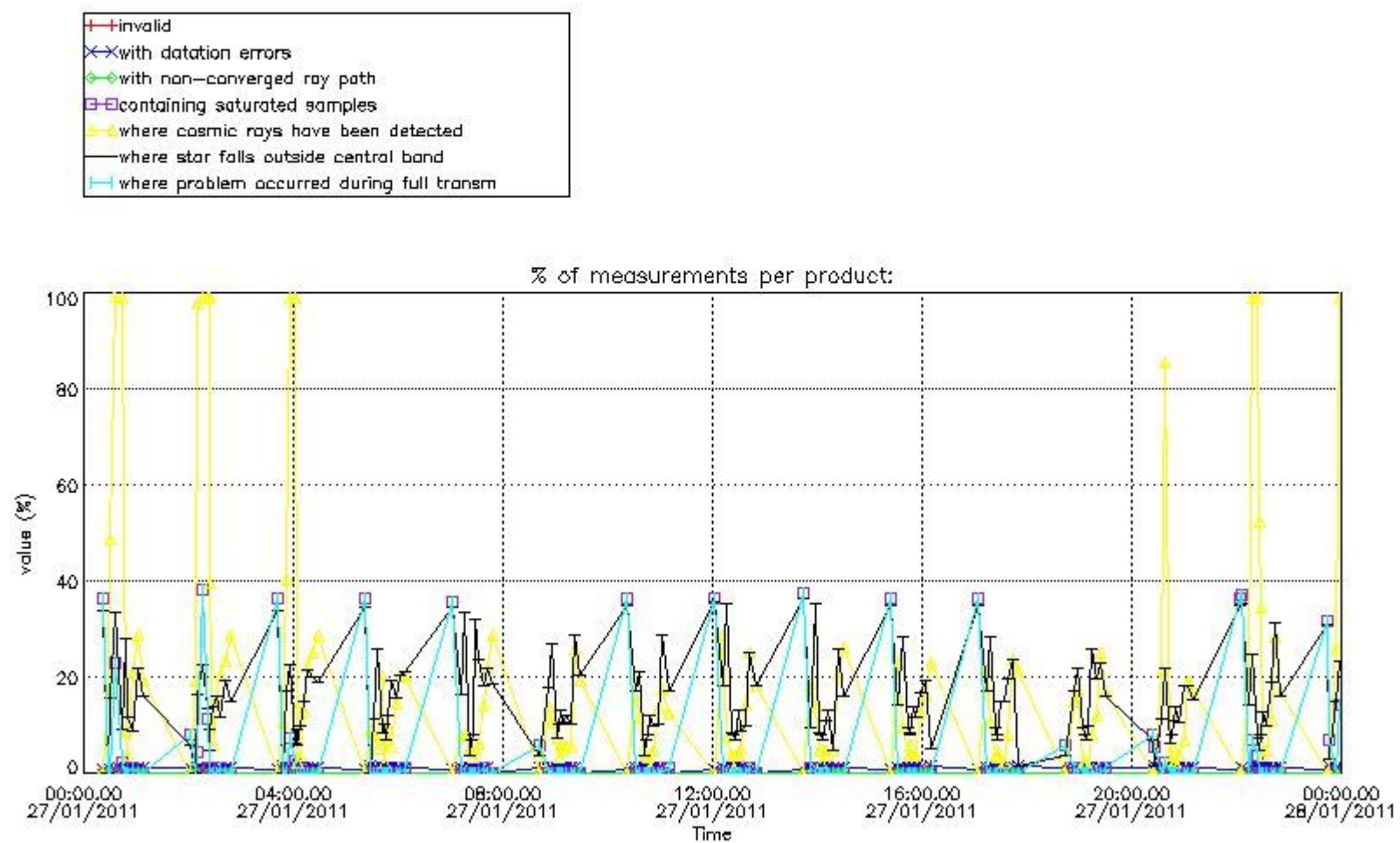


4. Level 1 quality information per product

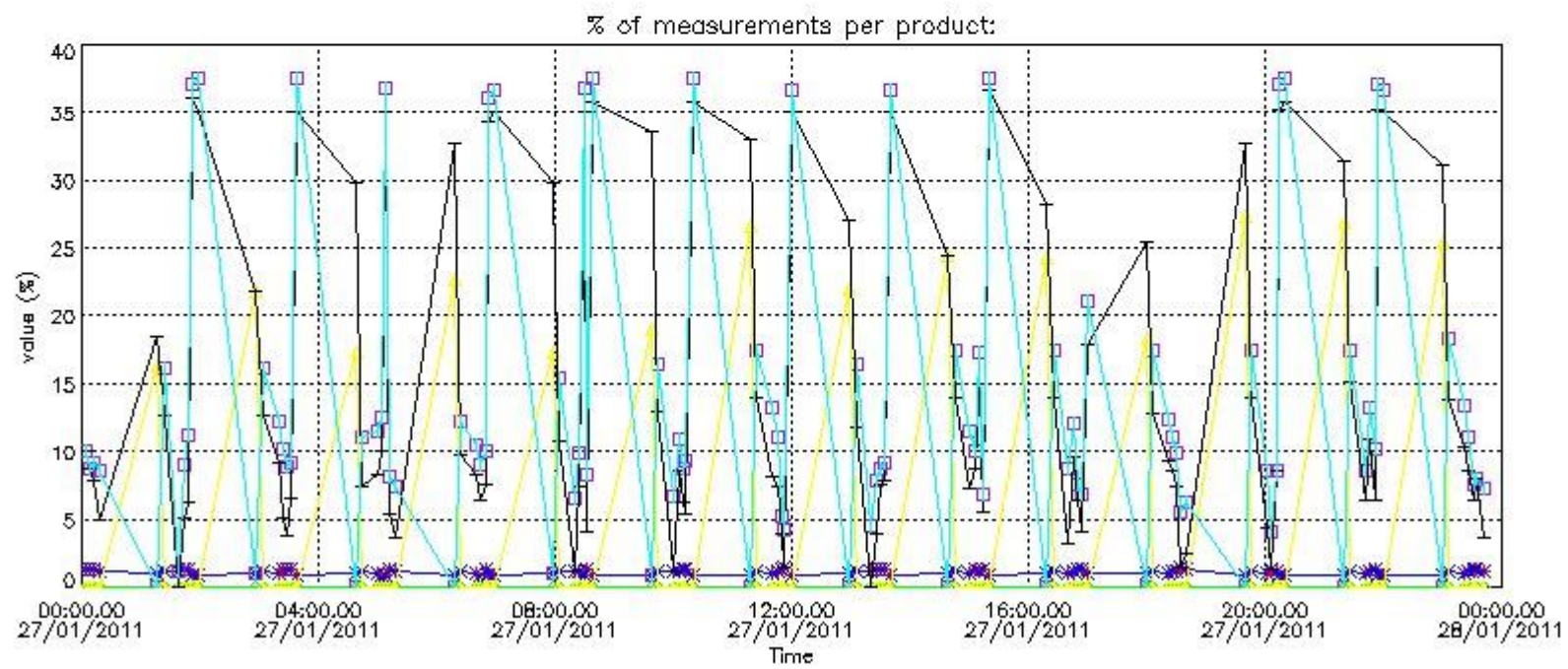
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

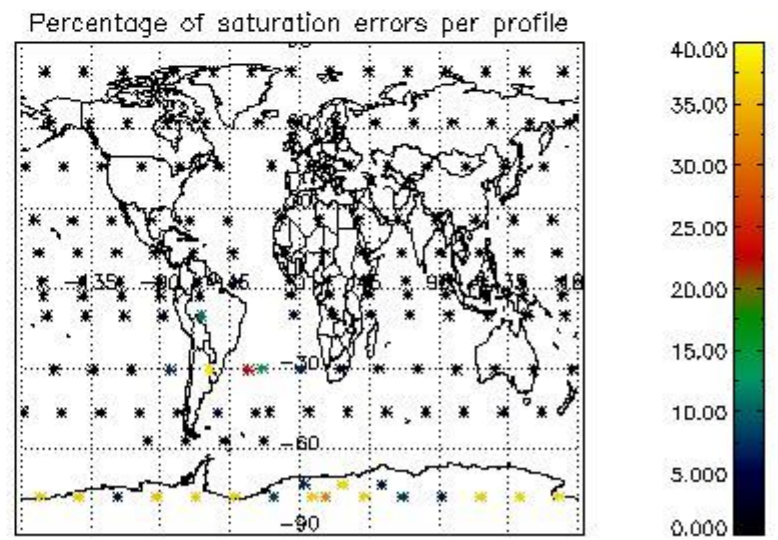
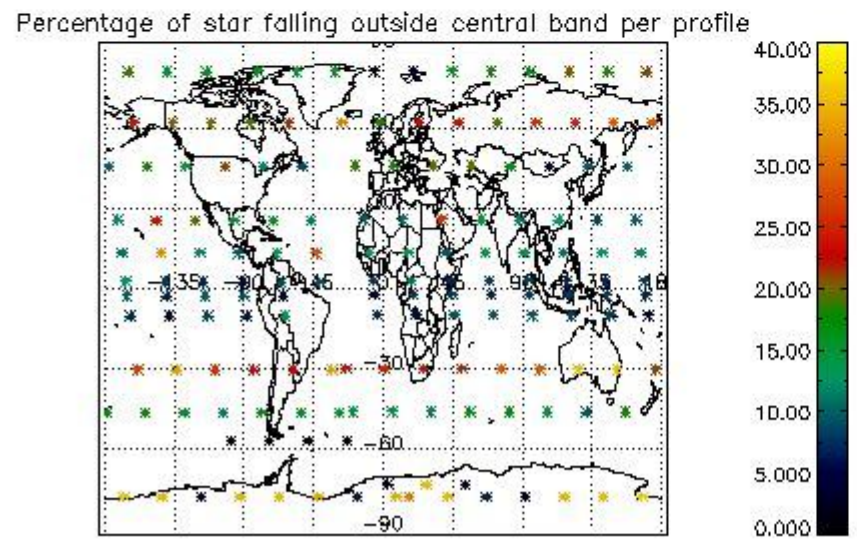
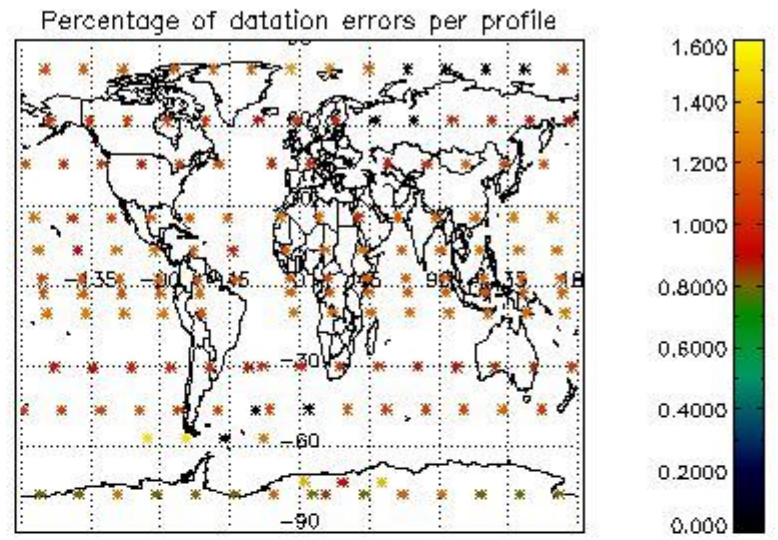
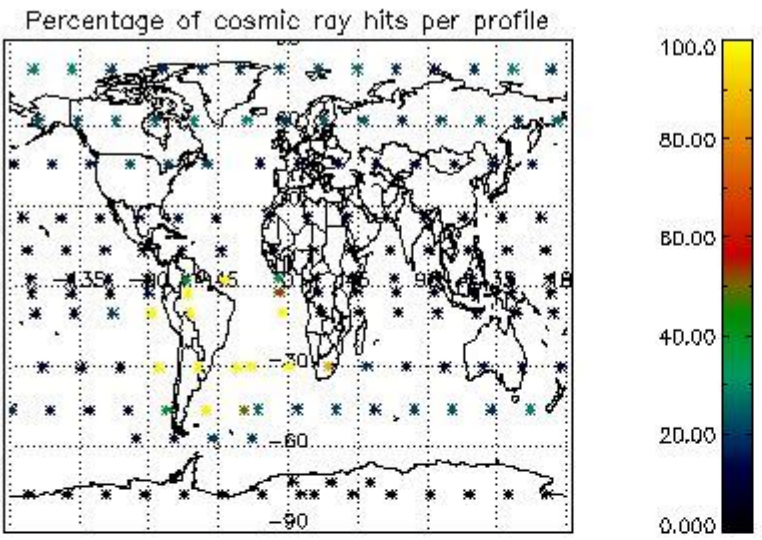


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

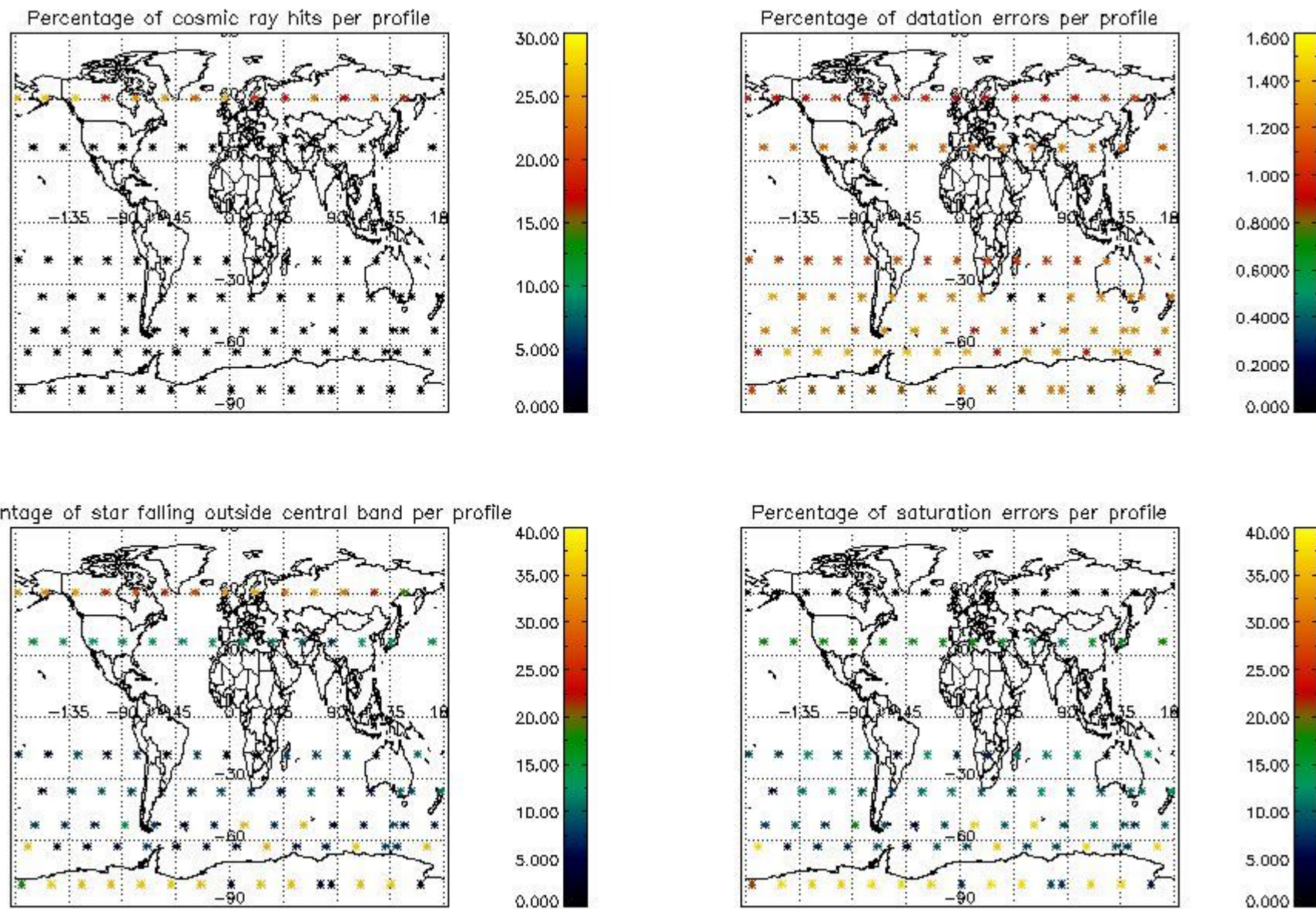


4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVI SAT 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

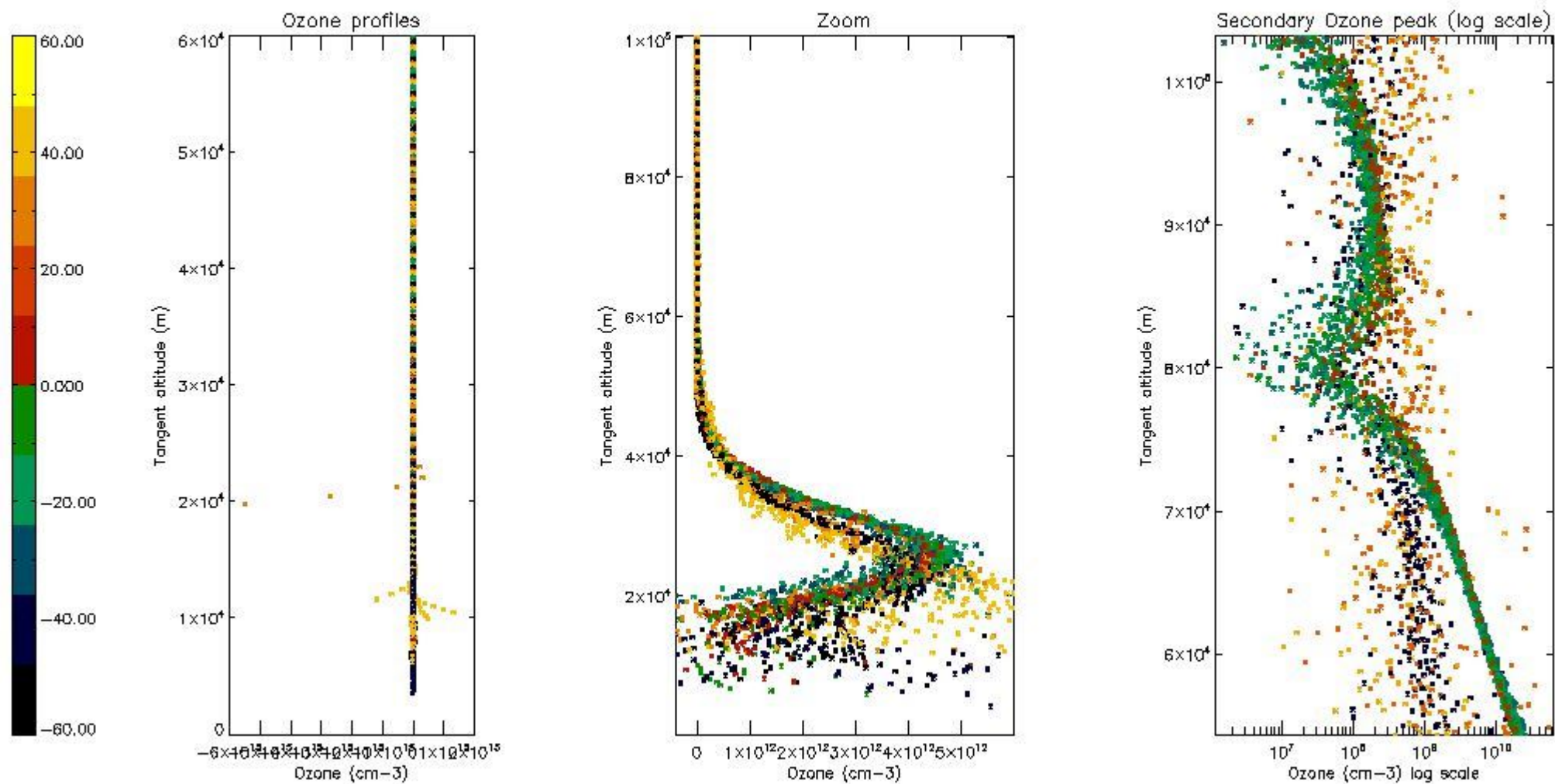
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	21

STD < 10	16
STD < 5	11

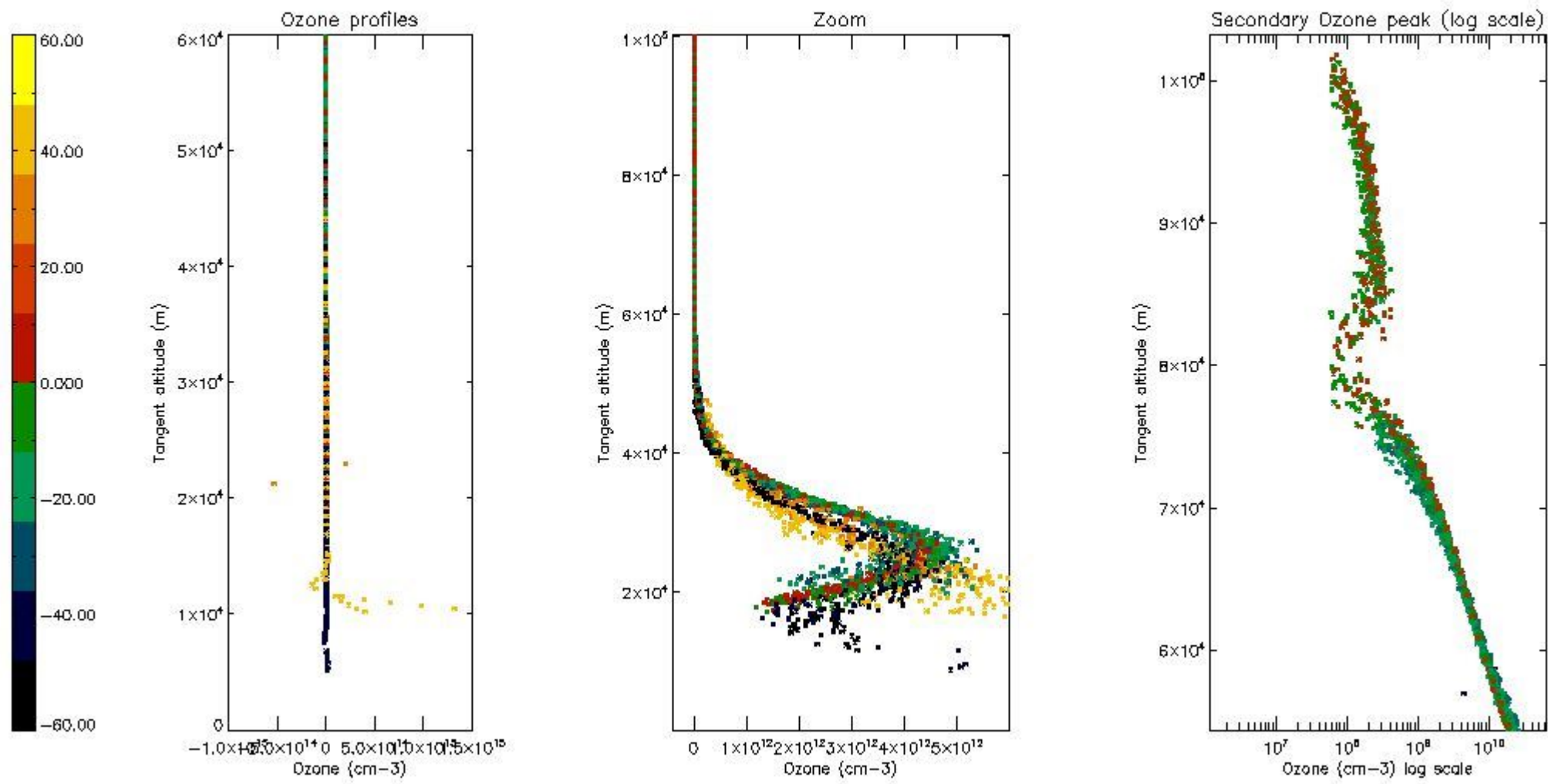
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



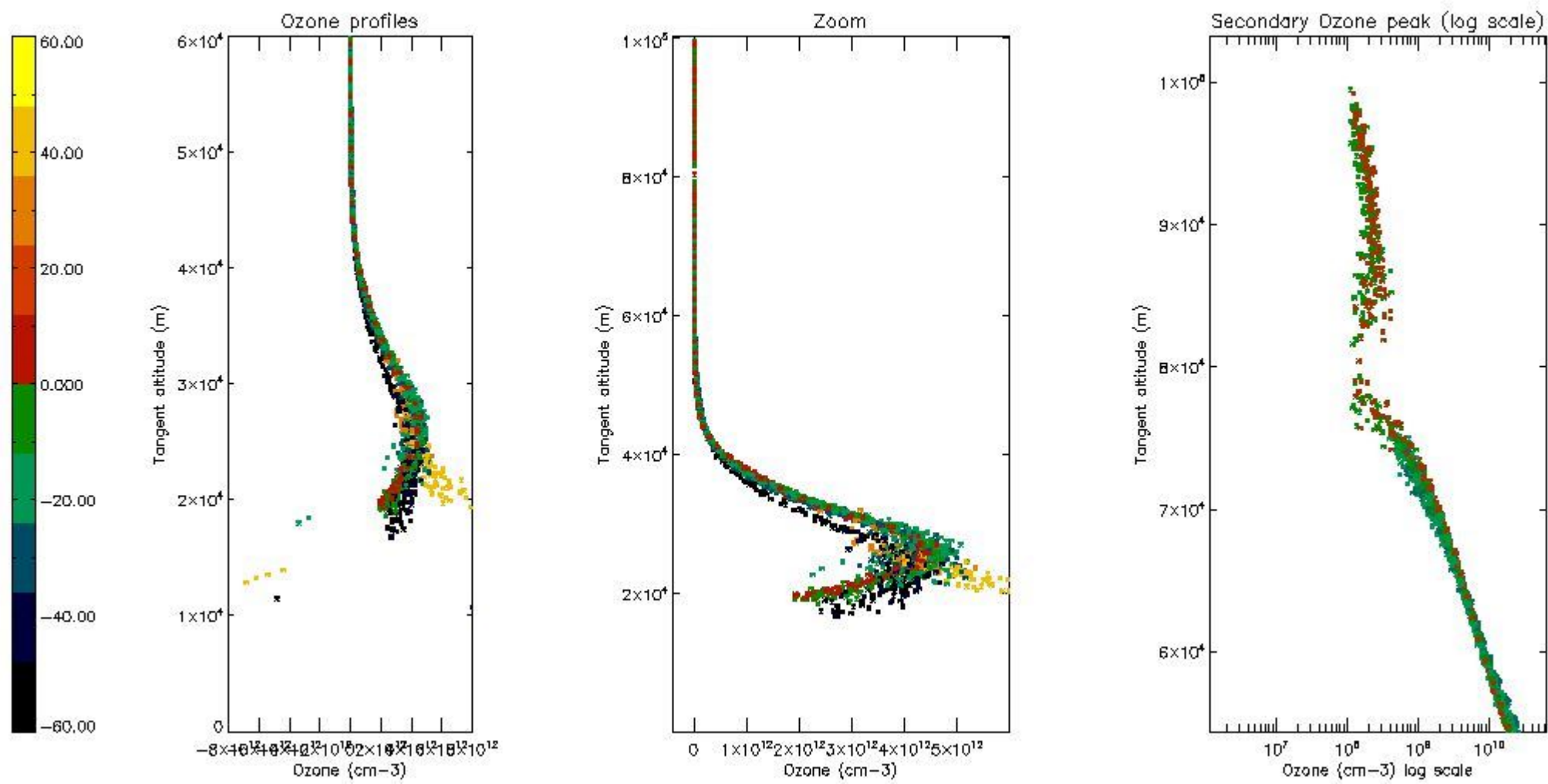
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



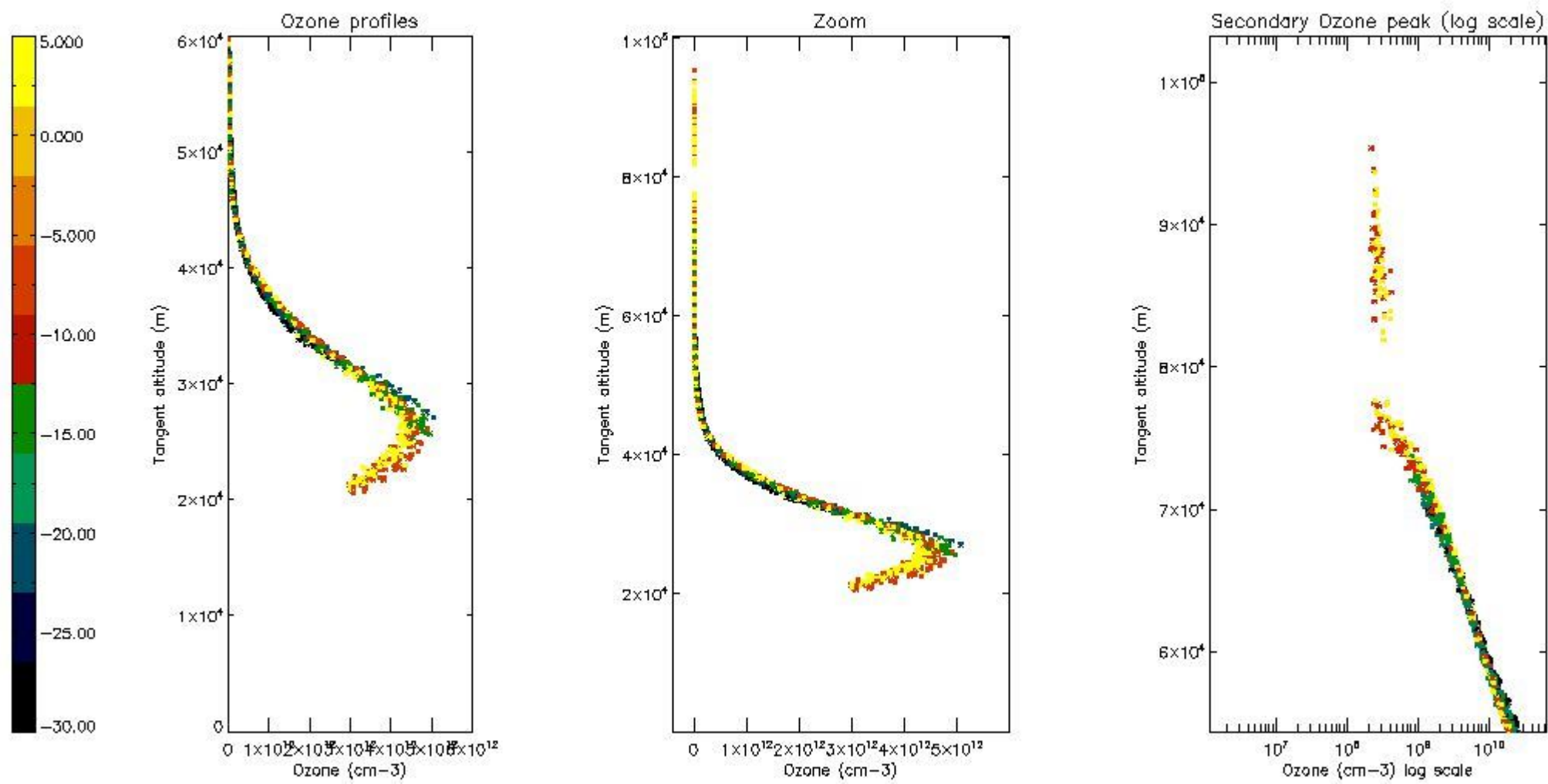
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



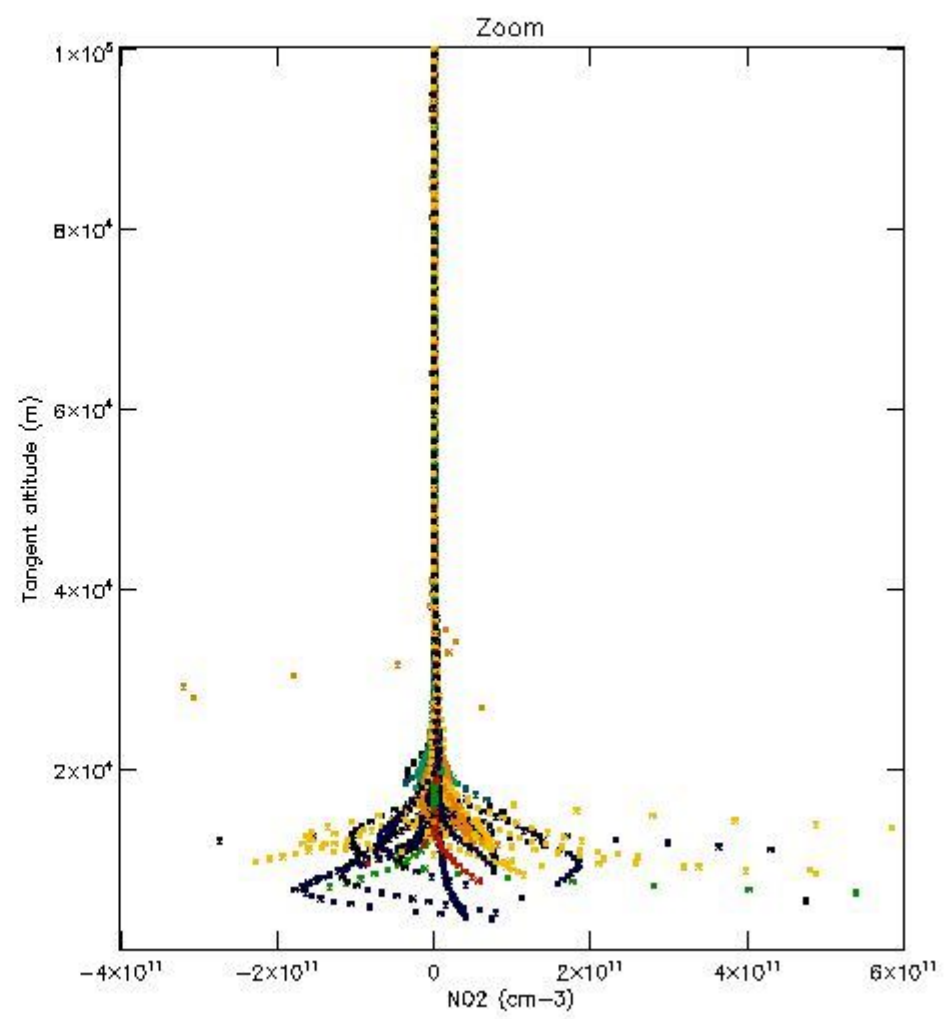
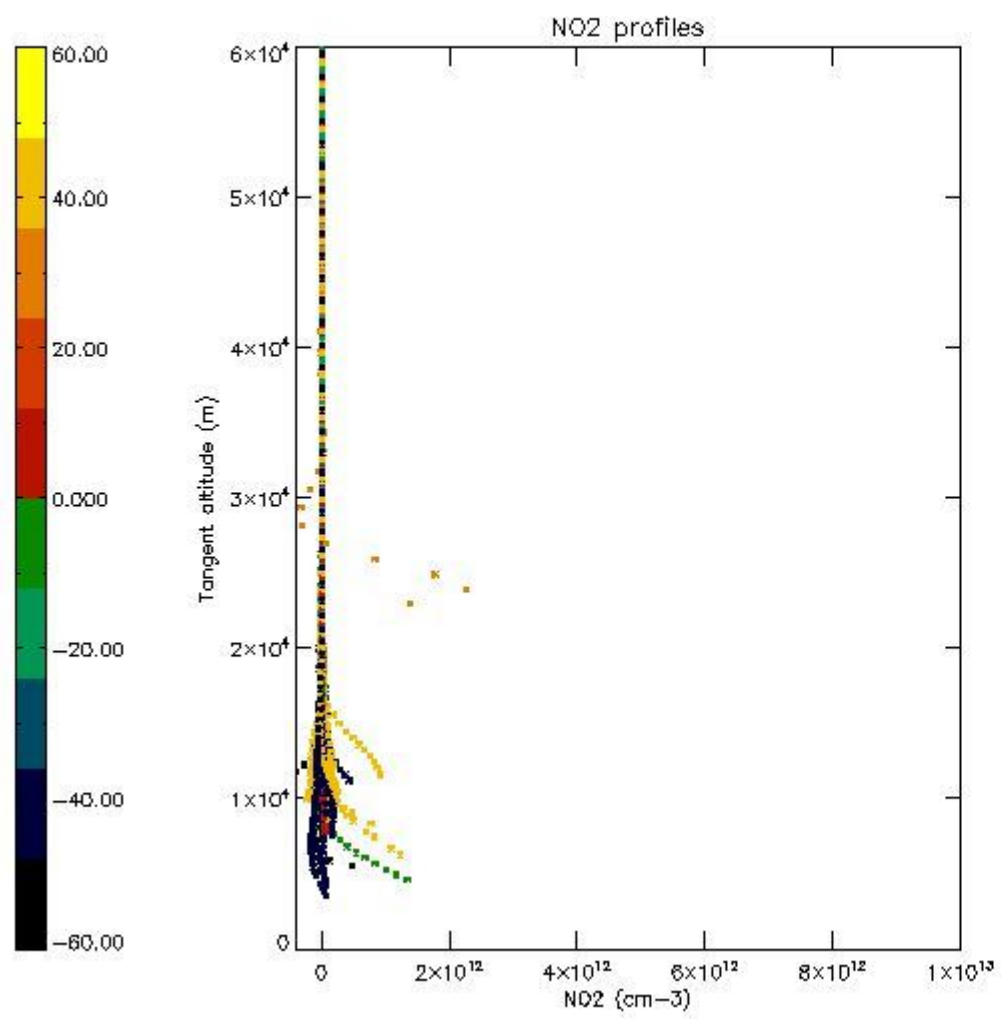
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



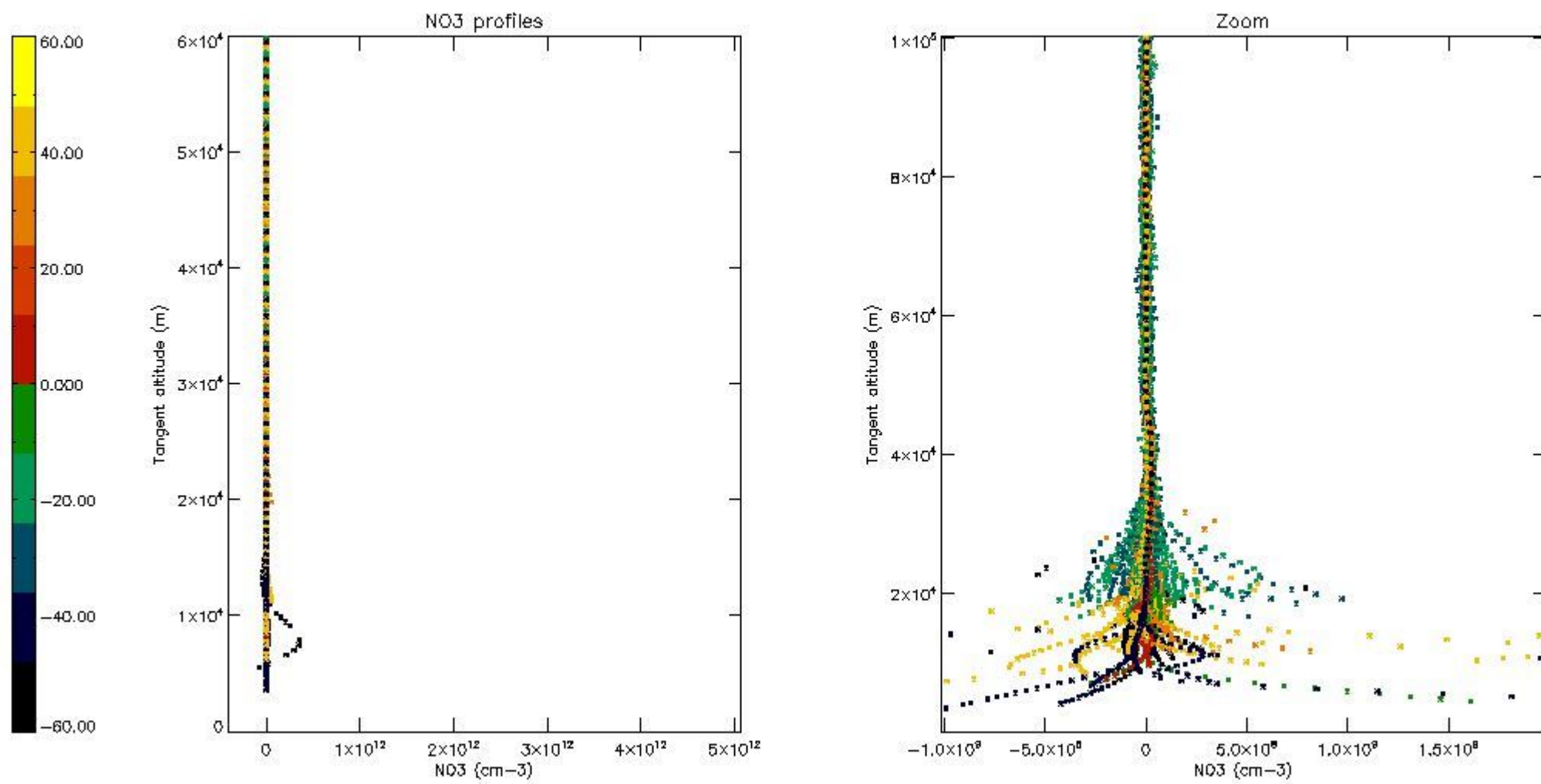
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



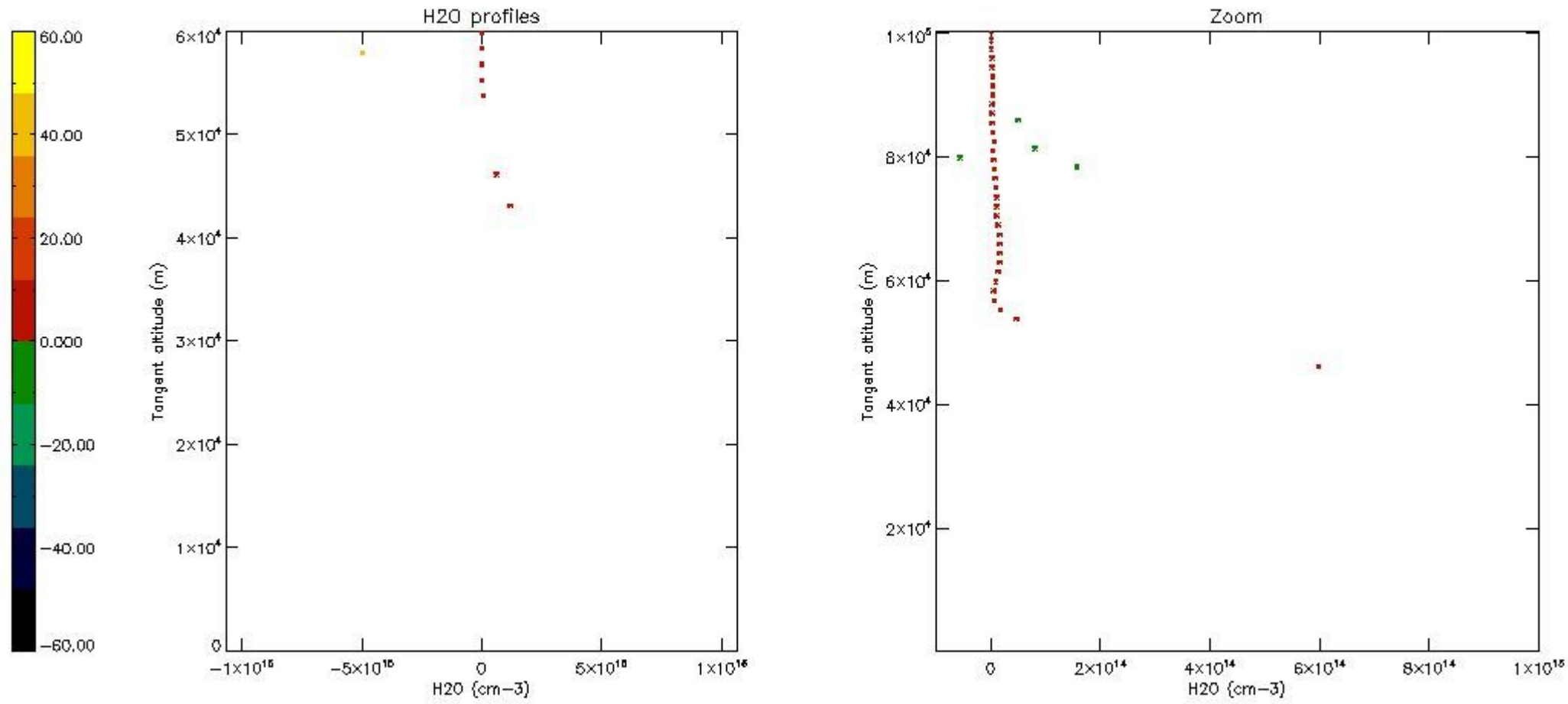
5.7 Plot NO3 profiles for all STD (dark without errors)

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	27-JAN-2011 00:03:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JAN-2011 00:03:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JAN-2011 00:03:37

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 09:41:01
Data source version	GOMOS/6.01
Start time of products	27-01-2011 (27JAN2011 00:00:00)
Stop time of products	28-01-2011 (28JAN2011 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.

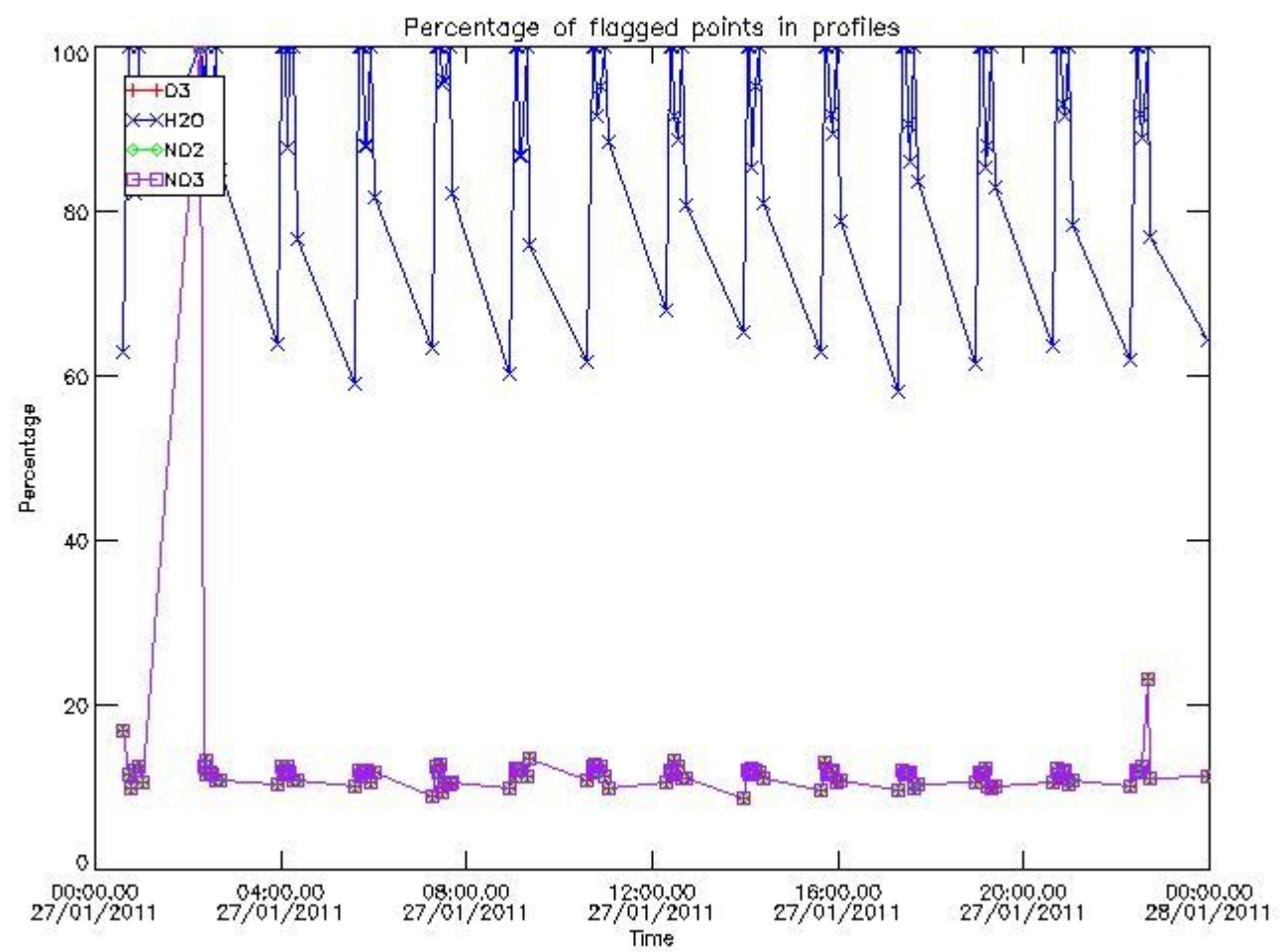
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110127_000337_000000403099_00016_46582_2585.N1	27-JAN-2011 00:03:37	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46582	No
2	GOM_NL__2PRFIN20110127_000814_000000403099_00016_46582_2586.N1	27-JAN-2011 00:08:14	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46582	No
3	GOM_NL__2PRFIN20110127_001113_000000383099_00016_46582_2587.N1	27-JAN-2011 00:11:13	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46582	No
4	GOM_NL__2PRFIN20110127_001742_000000413099_00016_46582_2588.N1	27-JAN-2011 00:17:42	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	46582	No
5	GOM_NL__2PRFIN20110127_002107_000000623099_00016_46582_2589.N1	27-JAN-2011 00:21:07	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46582	No
6	GOM_NL__2PRFIN20110127_002738_000000423099_00016_46582_2590.N1	27-JAN-2011 00:27:38	Twilight	42.000	102	24Alp Ser	2.6000	4250.0	84	46582	No
7	GOM_NL__2PRFIN20110127_003039_000000453099_00016_46582_2591.N1	27-JAN-2011 00:30:39	Twilight	45.000	98	13Zet Oph	2.5710	30000.	90	46582	No
8	GOM_NL__2PRFIN20110127_003509_000000573099_00016_46582_2592.N1	27-JAN-2011 00:35:09	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	46582	No
9	GOM_NL__2PRFIN20110127_004420_000000443099_00017_46583_2587.N1	27-JAN-2011 00:44:20	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46583	No
10	GOM_NL__2PRFIN20110127_004721_000000523099_00017_46583_2588.N1	27-JAN-2011 00:47:21	Dark	51.500	10	Bet Cen	0.61000	28000.	103	46583	No
11	GOM_NL__2PRFIN20110127_005047_000000433099_00017_46583_2589.N1	27-JAN-2011 00:50:47	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46583	No
12	GOM_NL__2PRFIN20110127_005624_000000453099_00017_46583_2590.N1	27-JAN-2011 00:56:24	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46583	No
13	GOM_NL__2PRFIN20110127_010105_000000493099_00017_46583_2591.N1	27-JAN-2011 01:01:05	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46583	No
14	GOM_NL__2PRFIN20110127_010744_000000443099_00017_46583_2592.N1	27-JAN-2011 01:07:44	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46583	No
15	GOM_NL__2PRFIN20110127_011641_000000463099_00017_46583_2593.N1	27-JAN-2011 01:16:41	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	46583	No
16	GOM_NL__2PRFIN20110127_012333_000000443099_00017_46583_2594.N1	27-JAN-2011 01:23:33	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46583	No
17	GOM_NL__2PRFIN20110127_013854_000000433099_00017_46583_2595.N1	27-JAN-2011 01:38:54	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	46583	No
18	GOM_NL__2PRFIN20110127_014351_000000393099_00017_46583_2596.N1	27-JAN-2011 01:43:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46583	No
19	GOM_NL__2PRFIN20110127_014827_000000403099_00017_46583_2597.N1	27-JAN-2011 01:48:27	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46583	No
20	GOM_NL__2PRFIN20110127_015127_000000543099_00017_46583_2598.N1	27-JAN-2011 01:51:27	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46583	No
21	GOM_NL__2PRFIN20110127_015756_000000603099_00017_46583_2599.N1	27-JAN-2011 01:57:56	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46583	No
22	GOM_NL__2PRFIN20110127_020121_000000433099_00017_46583_2600.N1	27-JAN-2011 02:01:21	Bright	43.000	127	27Bet Her	2.7810	4700.0	86	46583	No
23	GOM_NL__2PRFIN20110127_020753_000000423099_00017_46583_2601.N1	27-JAN-2011 02:07:53	Twilight	41.500	102	24Alp Ser	2.6000	4250.0	83	46583	No
24	GOM_NL__2PRFIN20110127_021054_000000463099_00017_46583_2602.N1	27-JAN-2011 02:10:54	Twilight	46.000	98	13Zet Oph	2.5710	30000.	92	46583	No
25	GOM_NL__2PRFIN20110127_021524_000000493099_00017_46583_2603.N1	27-JAN-2011 02:15:24	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	46583	No
26	GOM_NL__2PRFIN20110127_022102_000000453099_00017_46583_2604.N1	27-JAN-2011 02:21:02	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46583	No
27	GOM_NL__2PRFIN20110127_022308_000000433099_00017_46583_2605.N1	27-JAN-2011 02:23:08	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46583	No
28	GOM_NL__2PRFIN20110127_022435_000000443099_00018_46584_2599.N1	27-JAN-2011 02:24:35	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46584	No
29	GOM_NL__2PRFIN20110127_022736_000000443099_00018_46584_2600.N1	27-JAN-2011 02:27:36	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46584	No
30	GOM_NL__2PRFIN20110127_023102_000000443099_00018_46584_2601.N1	27-JAN-2011 02:31:02	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46584	No
31	GOM_NL__2PRFIN20110127_023639_000000473099_00018_46584_2602.N1	27-JAN-2011 02:36:39	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46584	No
32	GOM_NL__2PRFIN20110127_024120_000000473099_00018_46584_2603.N1	27-JAN-2011 02:41:20	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46584	No
33	GOM_NL__2PRFIN20110127_024758_000000443099_00018_46584_2604.N1	27-JAN-2011 02:47:58	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46584	No
34	GOM_NL__2PRFIN20110127_025656_000000483099_00018_46584_2605.N1	27-JAN-2011 02:56:56	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	46584	No
35	GOM_NL__2PRFIN20110127_030346_000000443099_00018_46584_2606.N1	27-JAN-2011 03:03:46	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46584	No
36	GOM_NL__2PRFIN20110127_031907_000000493099_00018_46584_2607.N1	27-JAN-2011 03:19:07	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46584	No
37	GOM_NL__2PRFIN20110127_032405_000000403099_00018_46584_2608.N1	27-JAN-2011 03:24:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46584	No
38	GOM_NL__2PRFIN20110127_032841_000000403099_00018_46584_2609.N1	27-JAN-2011 03:28:41	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46584	No
39	GOM_NL__2PRFIN20110127_033141_000000383099_00018_46584_2610.N1	27-JAN-2011 03:31:41	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46584	No
40	GOM_NL__2PRFIN20110127_033810_000000603099_00018_46584_2611.N1	27-JAN-2011 03:38:10	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46584	No
41	GOM_NL__2PRFIN20110127_034135_000000623099_00018_46584_2612.N1	27-JAN-2011 03:41:35	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46584	No
42	GOM_NL__2PRFIN20110127_034808_000000333099_00018_46584_2613.N1	27-JAN-2011 03:48:08	Twilight	33.000	102	24Alp Ser	2.6000	4250.0	66	46584	No

220	GOM_NL__2PRFIN20110127_201100_000000413099_00028_46594_2950.N1	27-JAN-2011 20:11:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46594	No
221	GOM_NL__2PRFIN20110127_201401_000000543099_00028_46594_2951.N1	27-JAN-2011 20:14:01	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46594	No
222	GOM_NL__2PRFIN20110127_202032_000000603099_00028_46594_2952.N1	27-JAN-2011 20:20:32	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46594	No
223	GOM_NL__2PRFIN20110127_202359_000000443099_00028_46594_2953.N1	27-JAN-2011 20:23:59	Bright	43.500	127	27Bet Her	2.7810	4700.0	87	46594	No
224	GOM_NL__2PRFIN20110127_202534_000000363099_00028_46594_2954.N1	27-JAN-2011 20:25:34	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	46594	No
225	GOM_NL__2PRFIN20110127_203334_000000443099_00028_46594_2955.N1	27-JAN-2011 20:33:34	Twilight	44.000	98	13Zet Oph	2.5710	30000.	88	46594	No
226	GOM_NL__2PRFIN20110127_203805_000000493099_00028_46594_2956.N1	27-JAN-2011 20:38:05	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	46594	No
227	GOM_NL__2PRFIN20110127_204345_000000423099_00028_46594_2957.N1	27-JAN-2011 20:43:45	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46594	No
228	GOM_NL__2PRFIN20110127_204551_000000453099_00028_46594_2958.N1	27-JAN-2011 20:45:51	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46594	No
229	GOM_NL__2PRFIN20110127_204718_000000463099_00029_46595_2967.N1	27-JAN-2011 20:47:18	Dark	45.500	78	Alp Lup	2.3040	28000.	91	46595	No
230	GOM_NL__2PRFIN20110127_205017_000000443099_00029_46595_2968.N1	27-JAN-2011 20:50:17	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46595	No
231	GOM_NL__2PRFIN20110127_205342_000000423099_00029_46595_2969.N1	27-JAN-2011 20:53:42	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46595	No
232	GOM_NL__2PRFIN20110127_205920_000000503099_00029_46595_2970.N1	27-JAN-2011 20:59:20	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46595	No
233	GOM_NL__2PRFIN20110127_210359_000000473099_00029_46595_2971.N1	27-JAN-2011 21:03:59	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	46595	No
234	GOM_NL__2PRFIN20110127_211035_000000433099_00029_46595_2972.N1	27-JAN-2011 21:10:35	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46595	No
235	GOM_NL__2PRFIN20110127_211930_000000543099_00029_46595_2973.N1	27-JAN-2011 21:19:30	Twilight	54.000	8	10Alp CMI	0.40000	6500.0	108	46595	No
236	GOM_NL__2PRFIN20110127_212618_000000433099_00029_46595_2974.N1	27-JAN-2011 21:26:18	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	46595	No
237	GOM_NL__2PRFIN20110127_214134_000000473099_00029_46595_2975.N1	27-JAN-2011 21:41:34	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46595	No
238	GOM_NL__2PRFIN20110127_214637_000000423099_00029_46595_2976.N1	27-JAN-2011 21:46:37	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46595	No
239	GOM_NL__2PRFIN20110127_215114_000000403099_00029_46595_2977.N1	27-JAN-2011 21:51:14	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46595	No
240	GOM_NL__2PRFIN20110127_215415_000000543099_00029_46595_2978.N1	27-JAN-2011 21:54:15	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	46595	No
241	GOM_NL__2PRFIN20110127_220046_000000603099_00029_46595_2979.N1	27-JAN-2011 22:00:46	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46595	No
242	GOM_NL__2PRFIN20110127_220413_000000633099_00029_46595_2980.N1	27-JAN-2011 22:04:13	Bright	63.000	127	27Bet Her	2.7810	4700.0	126	46595	No
243	GOM_NL__2PRFIN20110127_220548_000000543099_00029_46595_2981.N1	27-JAN-2011 22:05:48	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	46595	No
244	GOM_NL__2PRFIN20110127_221349_000000463099_00029_46595_2982.N1	27-JAN-2011 22:13:49	Twilight	45.500	98	13Zet Oph	2.5710	30000.	91	46595	No
245	GOM_NL__2PRFIN20110127_221820_000000513099_00029_46595_2983.N1	27-JAN-2011 22:18:20	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	46595	No
246	GOM_NL__2PRFIN20110127_222359_000000423099_00029_46595_2984.N1	27-JAN-2011 22:23:59	Dark	42.000	131	Gam Lup	2.8000	26000.	84	46595	No
247	GOM_NL__2PRFIN20110127_222606_000000433099_00029_46595_2985.N1	27-JAN-2011 22:26:06	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46595	No
248	GOM_NL__2PRFIN20110127_222733_000000443099_00030_46596_2985.N1	27-JAN-2011 22:27:33	Dark	43.500	78	Alp Lup	2.3040	28000.	87	46596	No
249	GOM_NL__2PRFIN20110127_223031_000000433099_00030_46596_2986.N1	27-JAN-2011 22:30:31	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46596	No
250	GOM_NL__2PRFIN20110127_223357_000000413099_00030_46596_2987.N1	27-JAN-2011 22:33:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46596	No
251	GOM_NL__2PRFIN20110127_223935_000000513099_00030_46596_2988.N1	27-JAN-2011 22:39:35	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46596	No
252	GOM_NL__2PRFIN20110127_224413_000000553099_00030_46596_2989.N1	27-JAN-2011 22:44:13	Dark	54.500	65	Lam Vel	2.2040	4400.0	109	46596	No
253	GOM_NL__2PRFIN20110127_225049_000000443099_00030_46596_2990.N1	27-JAN-2011 22:50:49	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46596	No
254	GOM_NL__2PRFIN20110127_225943_000000533099_00030_46596_2991.N1	27-JAN-2011 22:59:43	Twilight	53.000	8	10Alp CMI	0.40000	6500.0	106	46596	No
255	GOM_NL__2PRFIN20110127_230632_000000443099_00030_46596_2992.N1	27-JAN-2011 23:06:32	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46596	No
256	GOM_NL__2PRFIN20110127_232147_000000493099_00030_46596_2993.N1	27-JAN-2011 23:21:47	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46596	No
257	GOM_NL__2PRFIN20110127_232651_000000413099_00030_46596_2994.N1	27-JAN-2011 23:26:51	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46596	No
258	GOM_NL__2PRFIN20110127_233128_000000403099_00030_46596_2995.N1	27-JAN-2011 23:31:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46596	No
259	GOM_NL__2PRFIN20110127_233429_000000383099_00030_46596_2996.N1	27-JAN-2011 23:34:29	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46596	No
260	GOM_NL__2PRFIN20110127_234100_000000413099_00030_46596_2997.N1	27-JAN-2011 23:41:00	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	46596	No
261	GOM_NL__2PRFIN20110127_234427_000000593099_00030_46596_2998.N1	27-JAN-2011 23:44:27	Bright	58.500	127	27Bet Her	2.7810	4700.0	117	46596	No
262	GOM_NL__2PRFIN20110127_234603_000000373099_00030_46596_2999.N1	27-JAN-2011 23:46:03	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	46596	No
263	GOM_NL__2PRFIN20110127_235403_000000473099_00030_46596_3000.N1	27-JAN-2011 23:54:03	Twilight	46.500	98	13Zet Oph	2.5710	30000.	93	46596	No
264	GOM_NL__2PRFIN20110127_235834_000000503099_00030_46596_3001.N1	27-JAN-2011 23:58:34	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	46596	No

3. Quality information per product

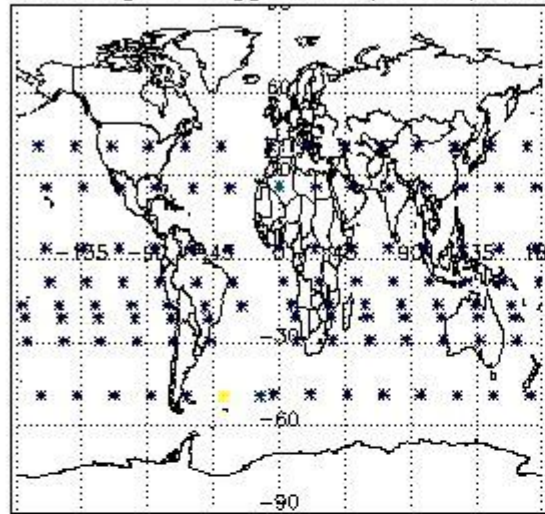
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

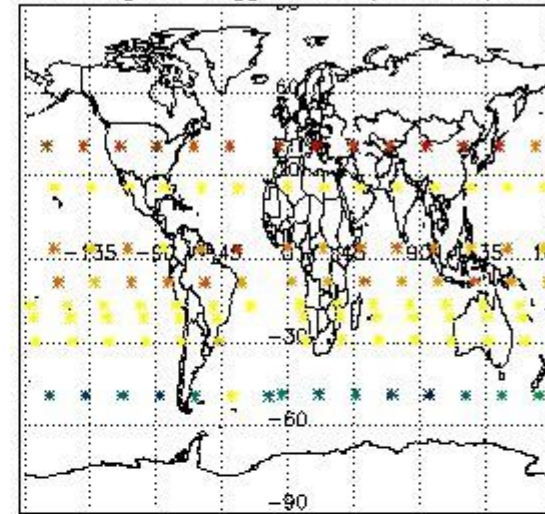


3.2 Plot quality information per product (world map)

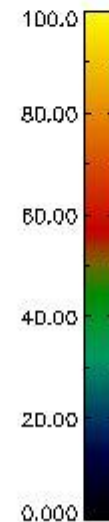
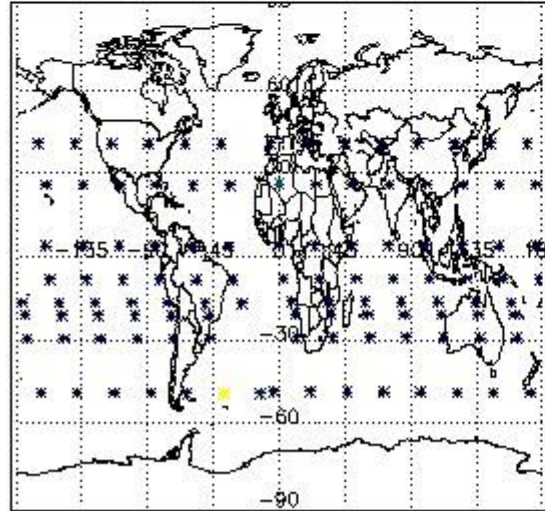
Percentage of flagged data per O3 profile



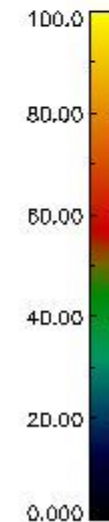
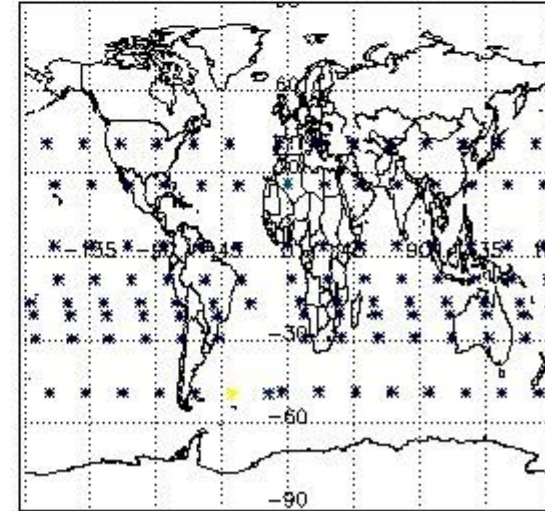
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

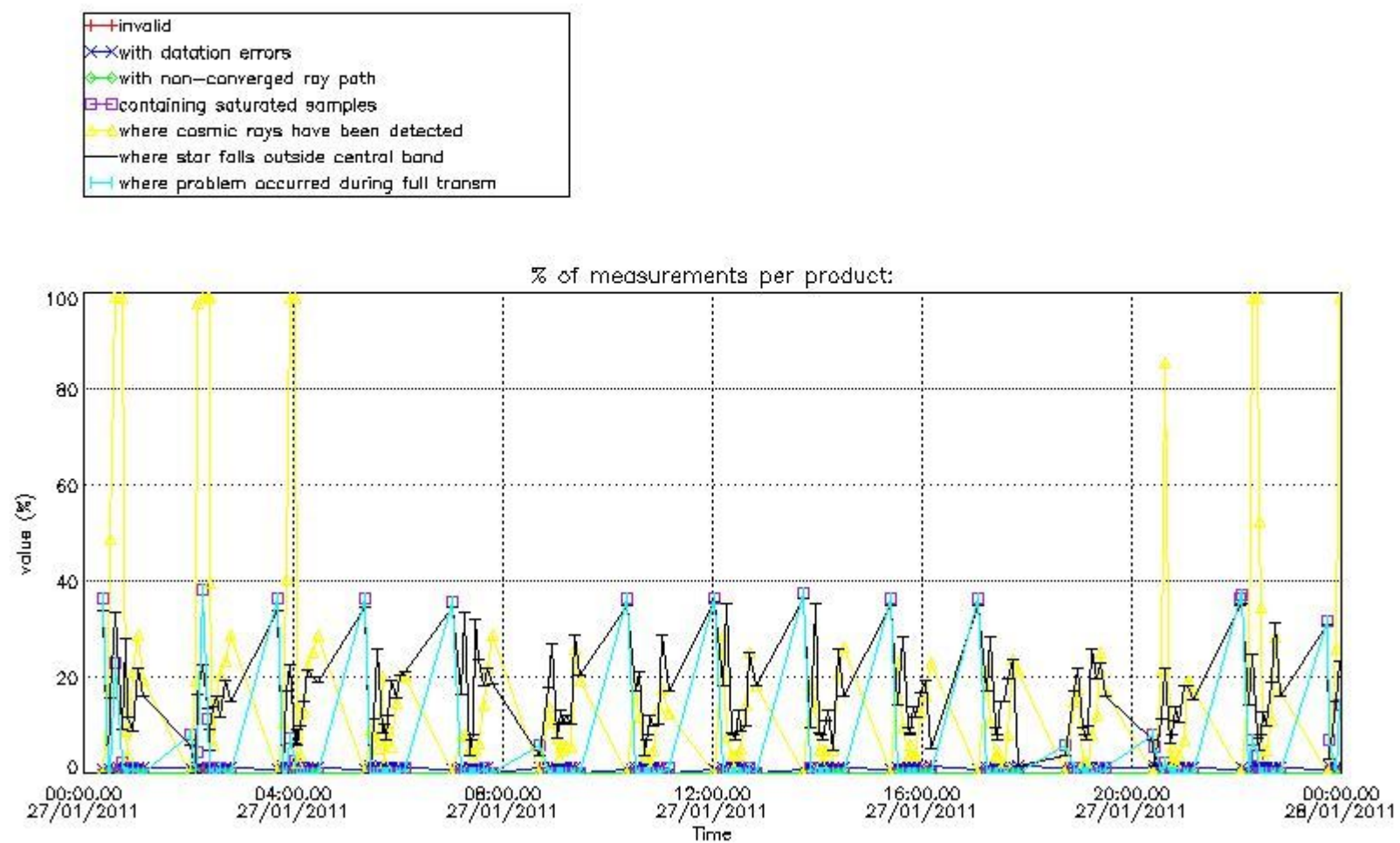


4. Level 1 quality information per product

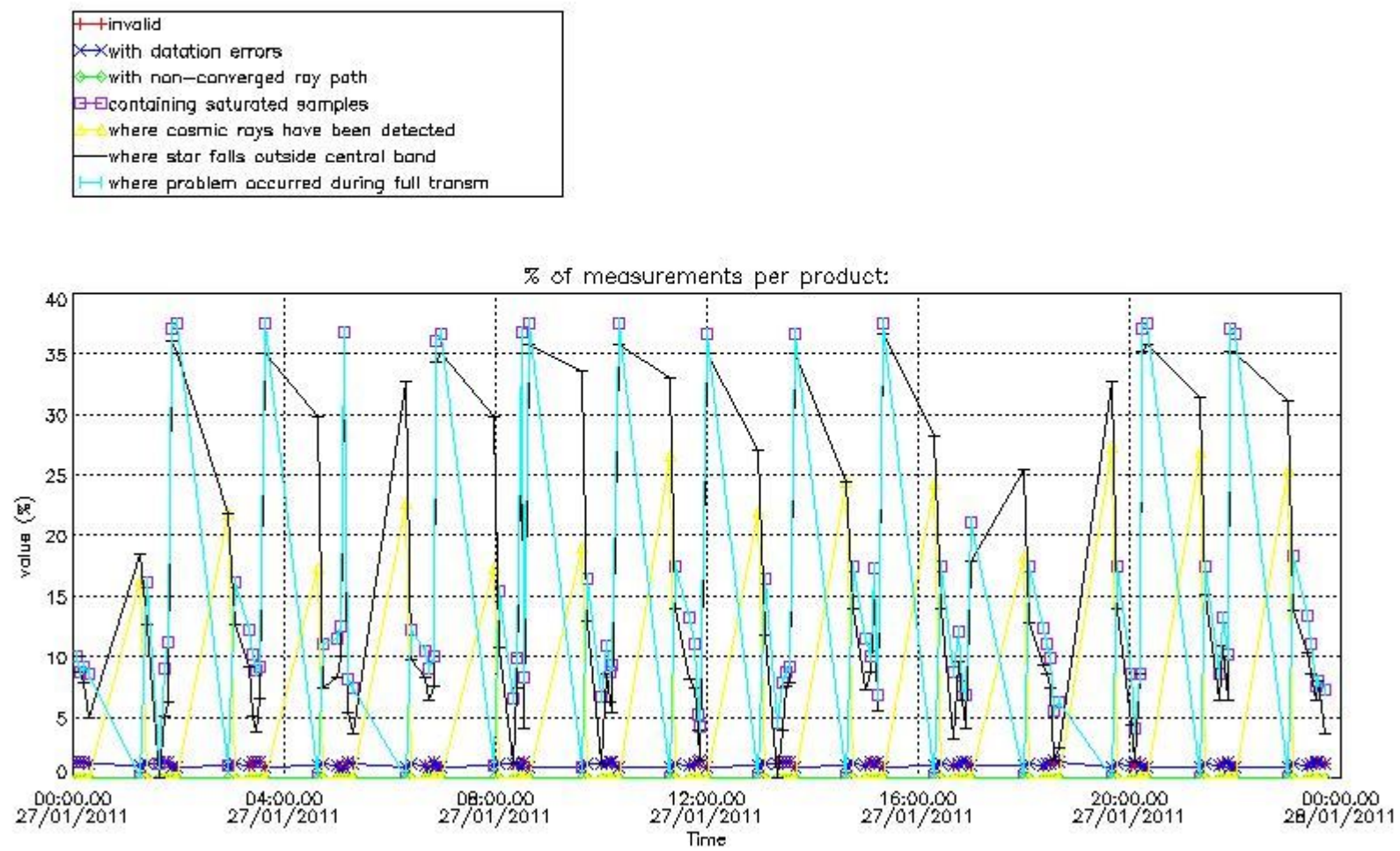
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

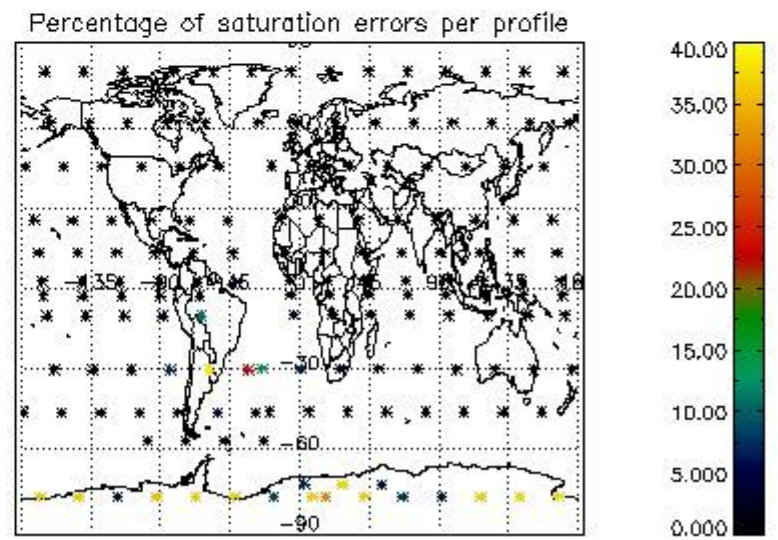
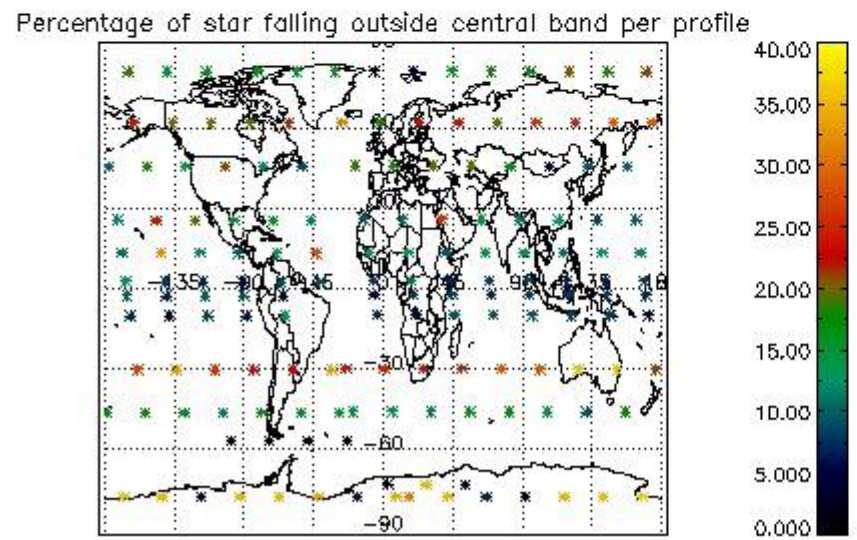
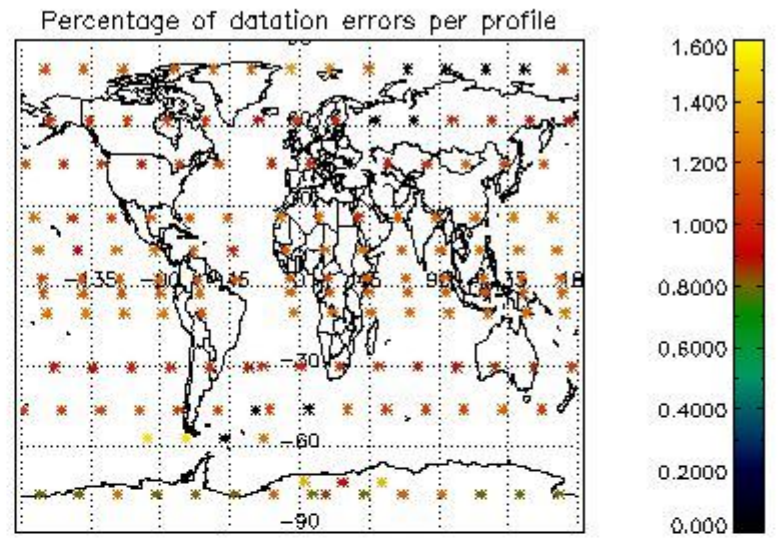
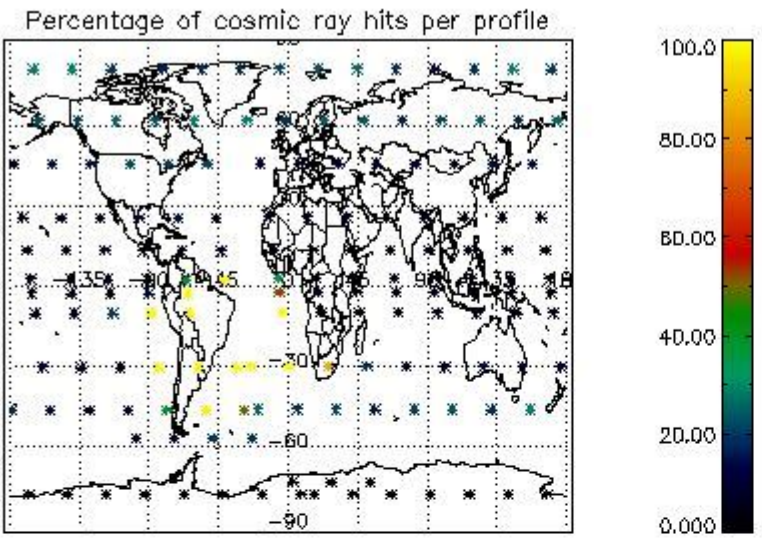


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

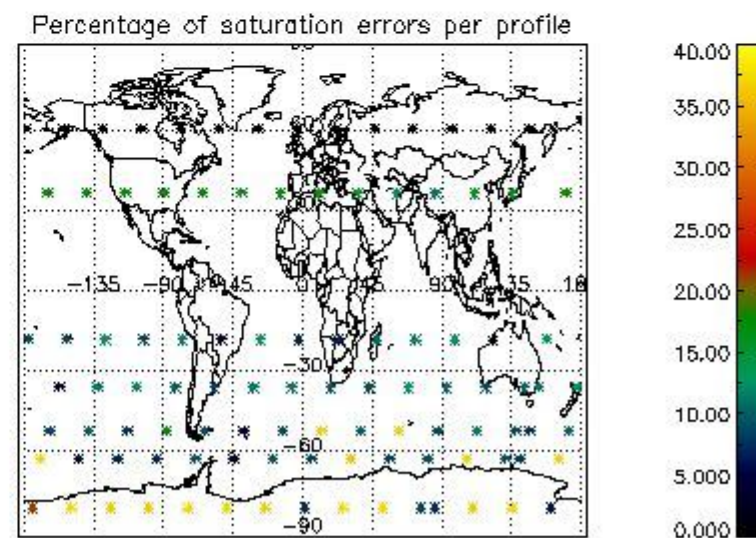
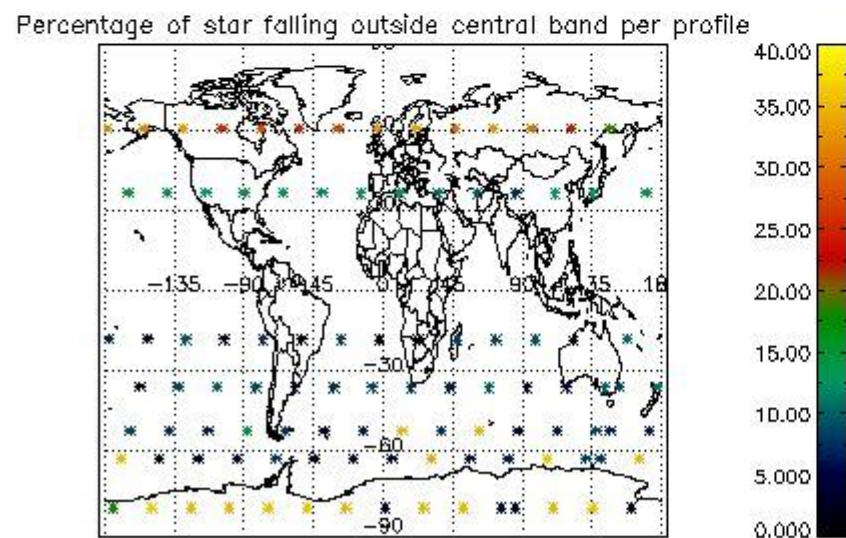
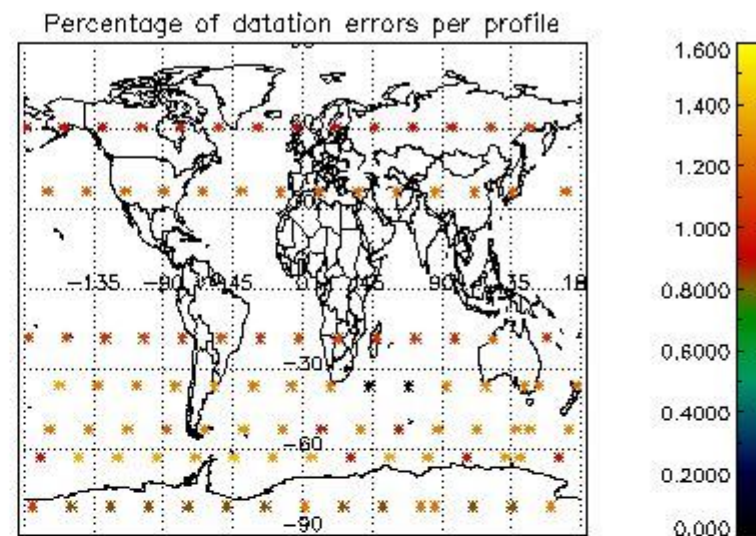
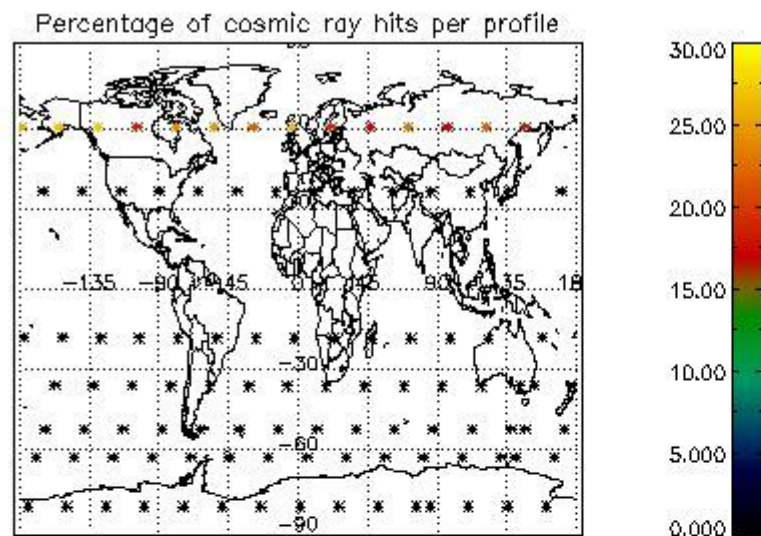


4.2 Plot quality information per product coming from level 1b processing (world map)

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

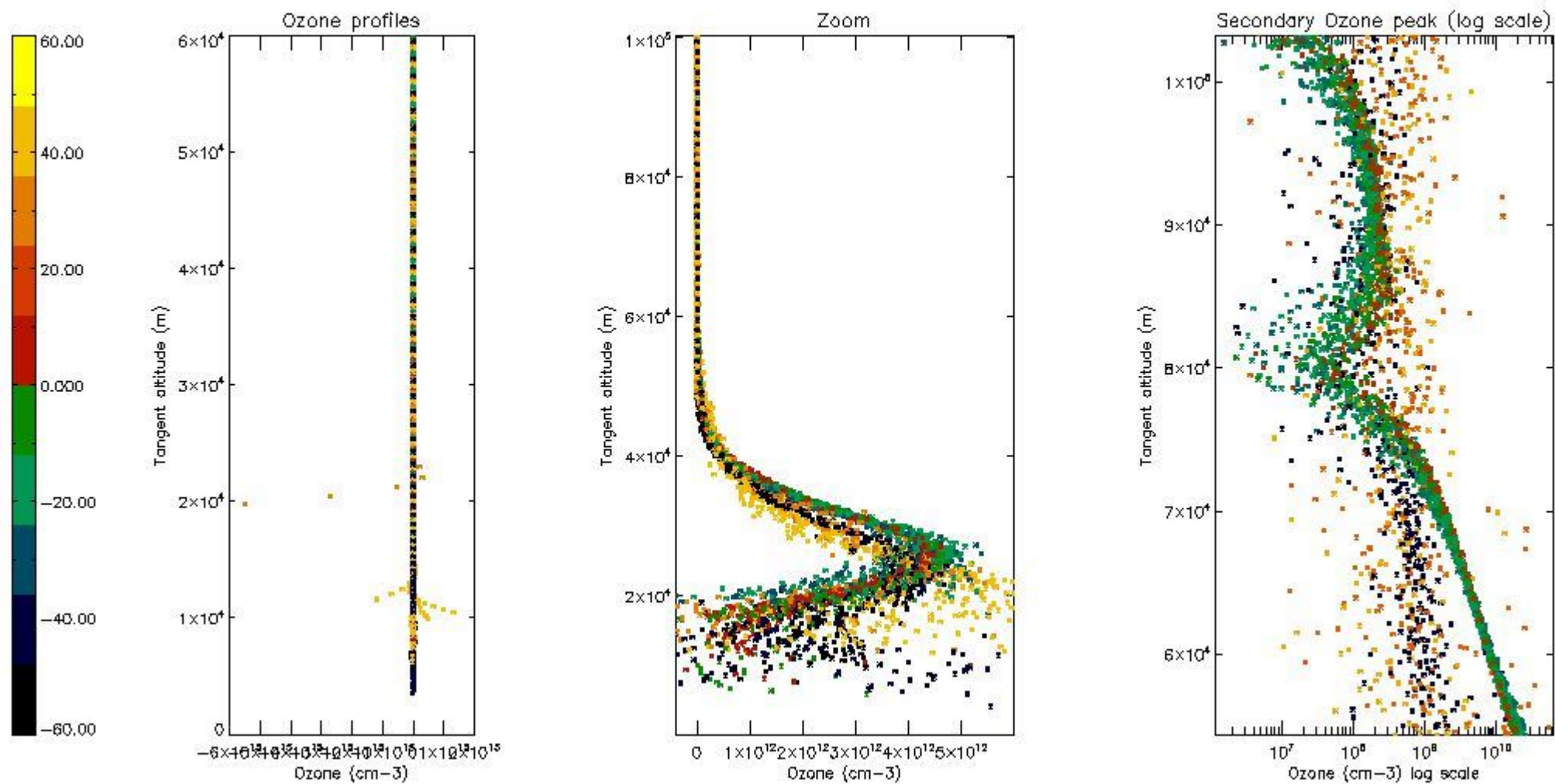
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	21

STD < 10	16
STD < 5	11

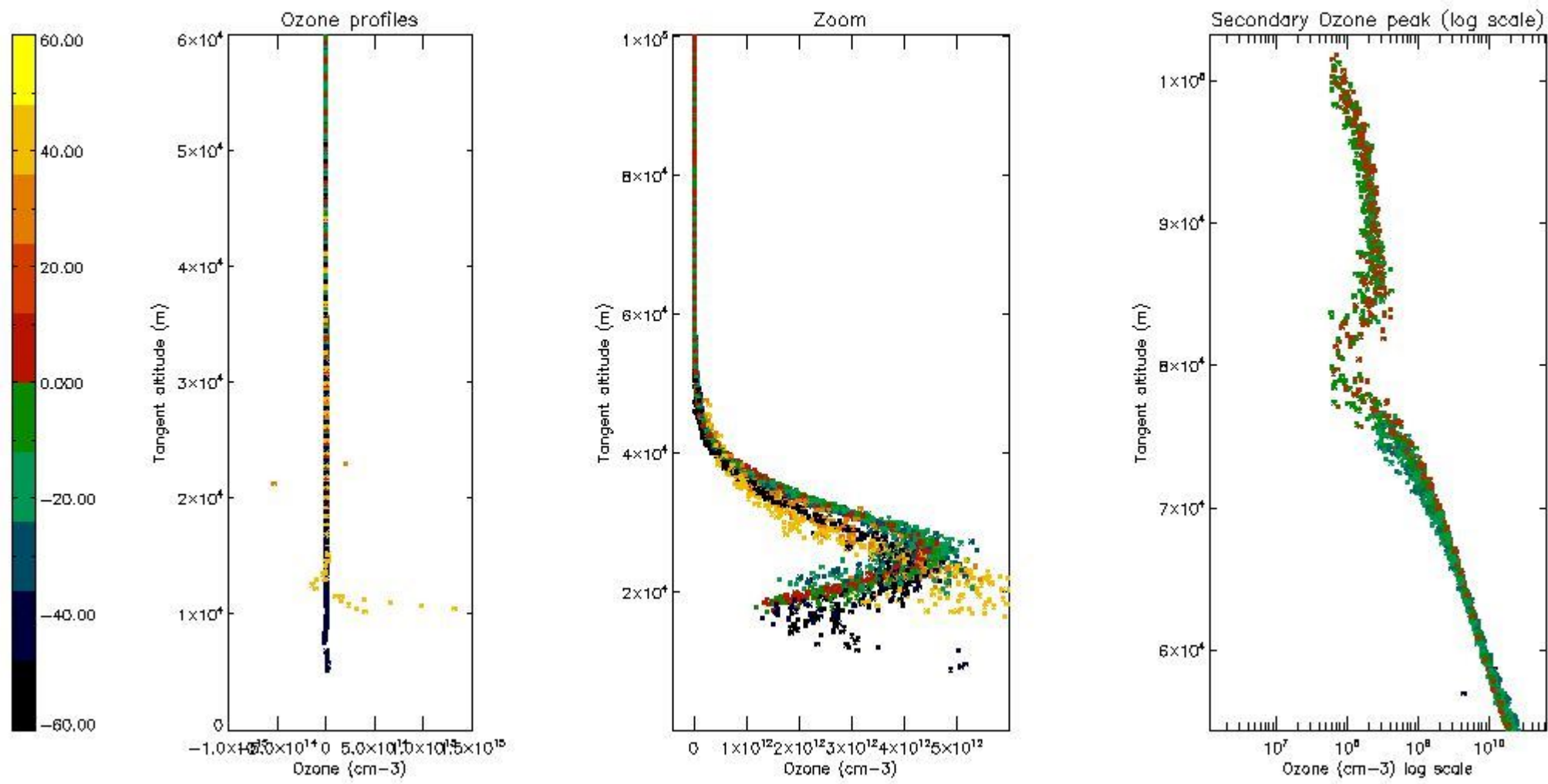
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



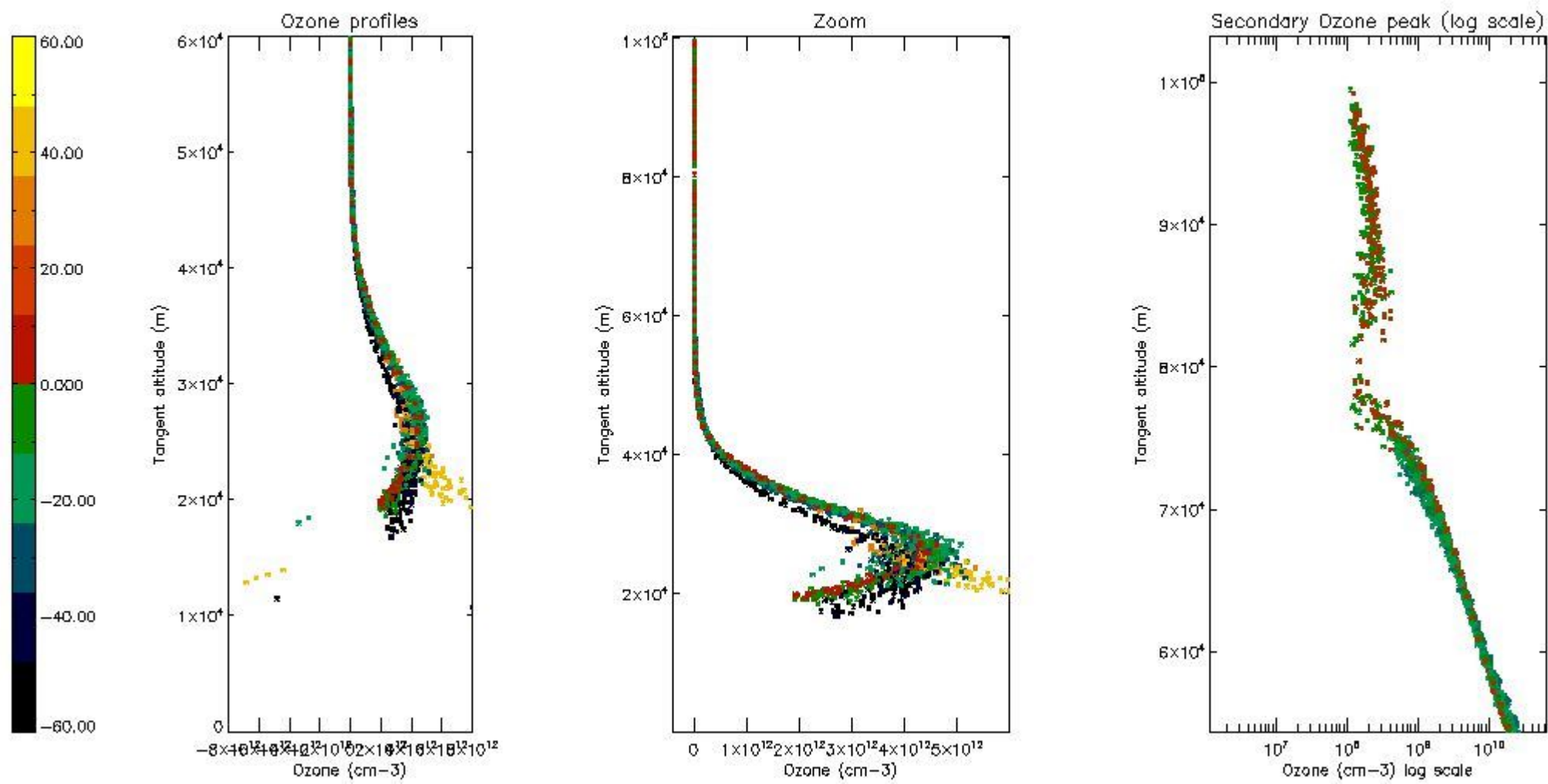
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



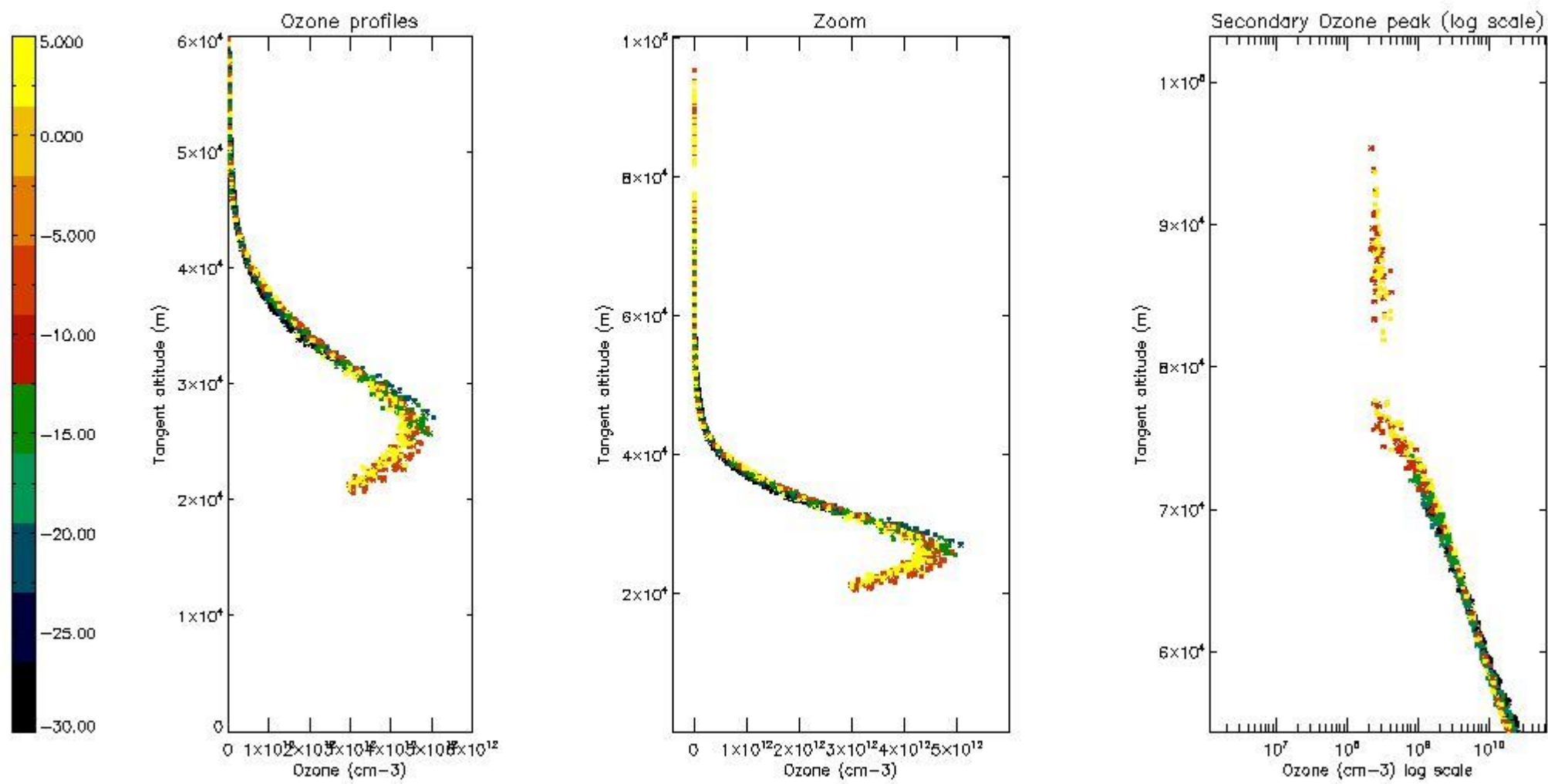
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



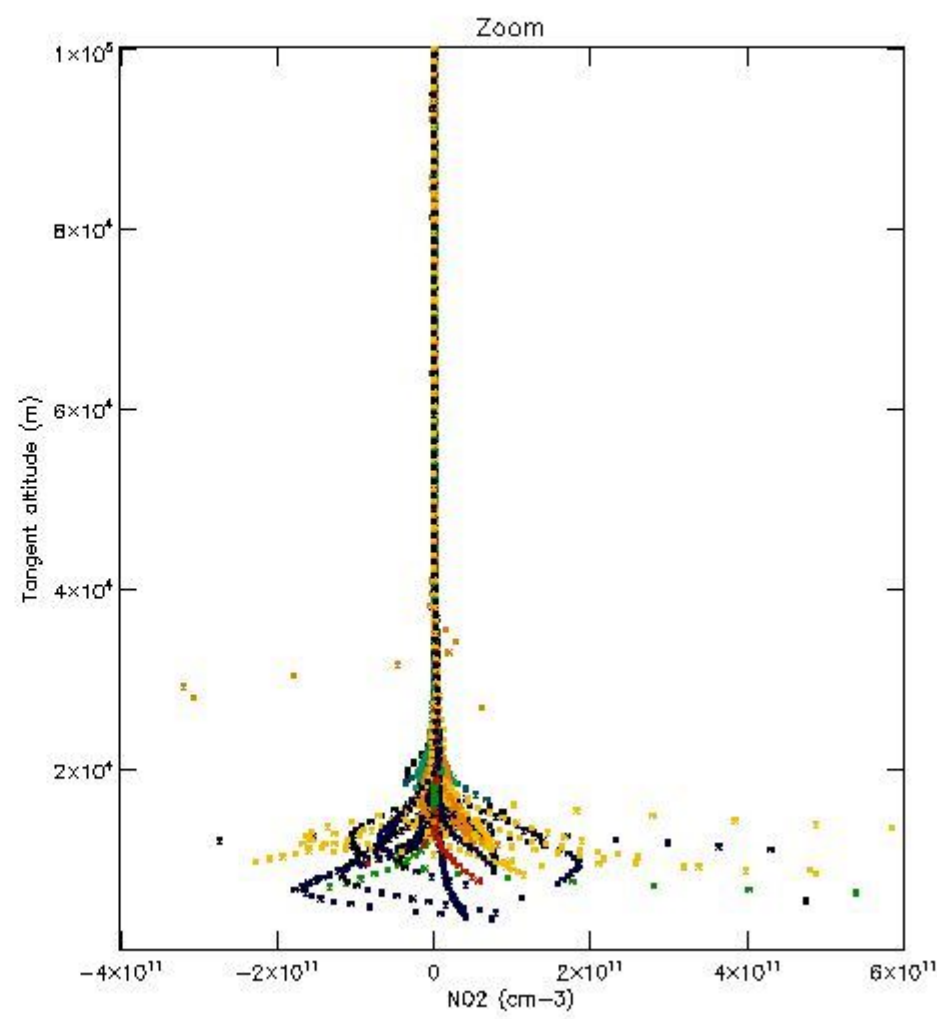
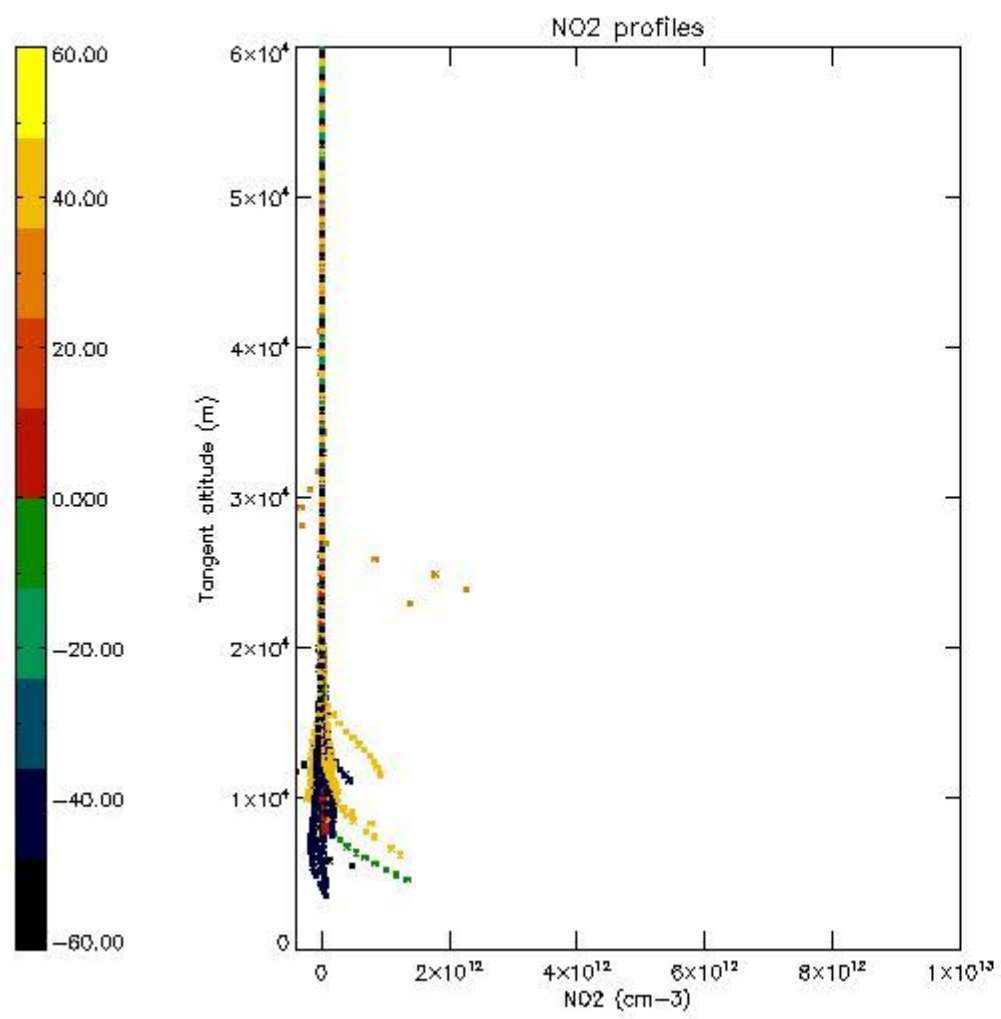
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



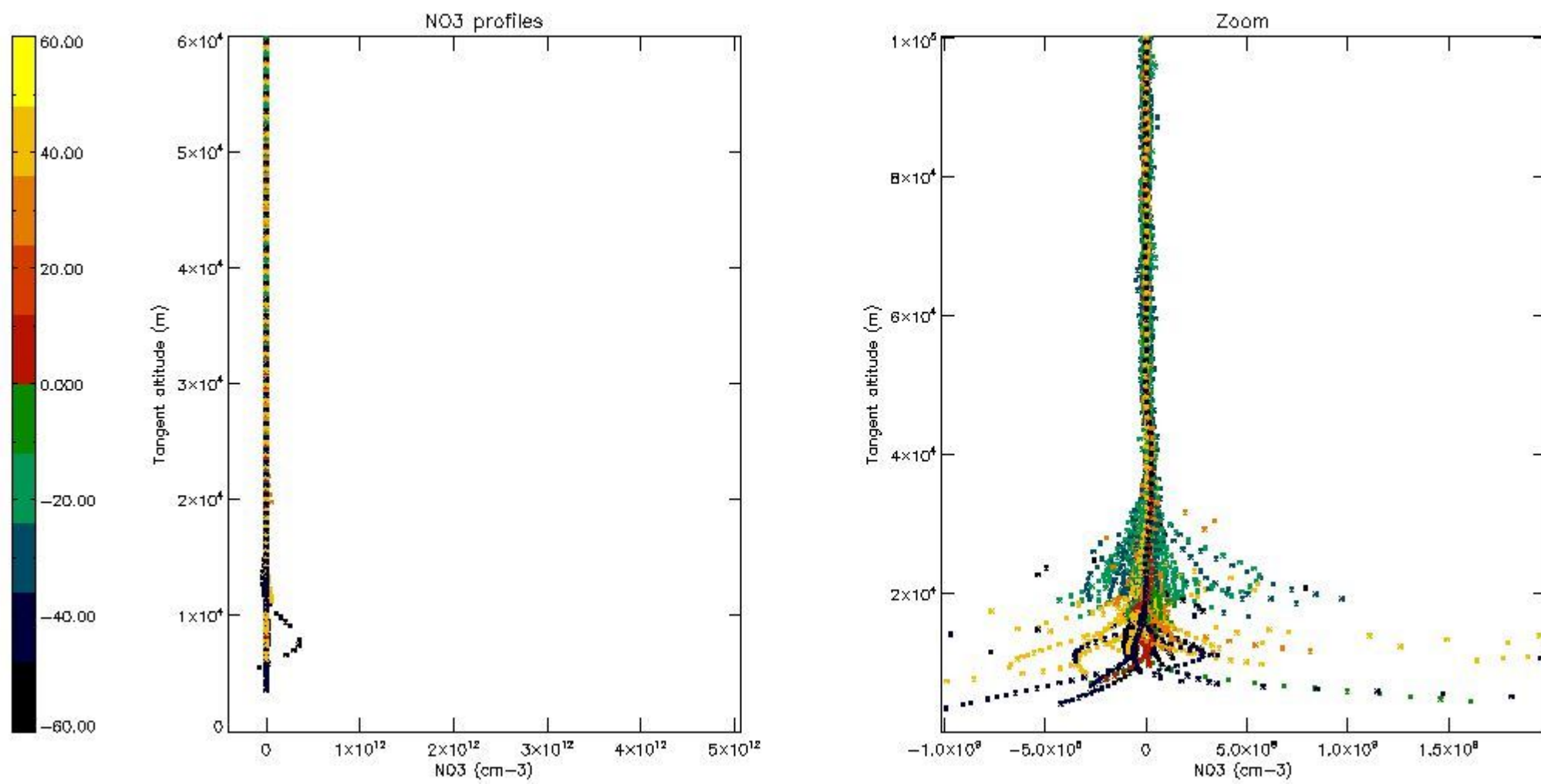
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



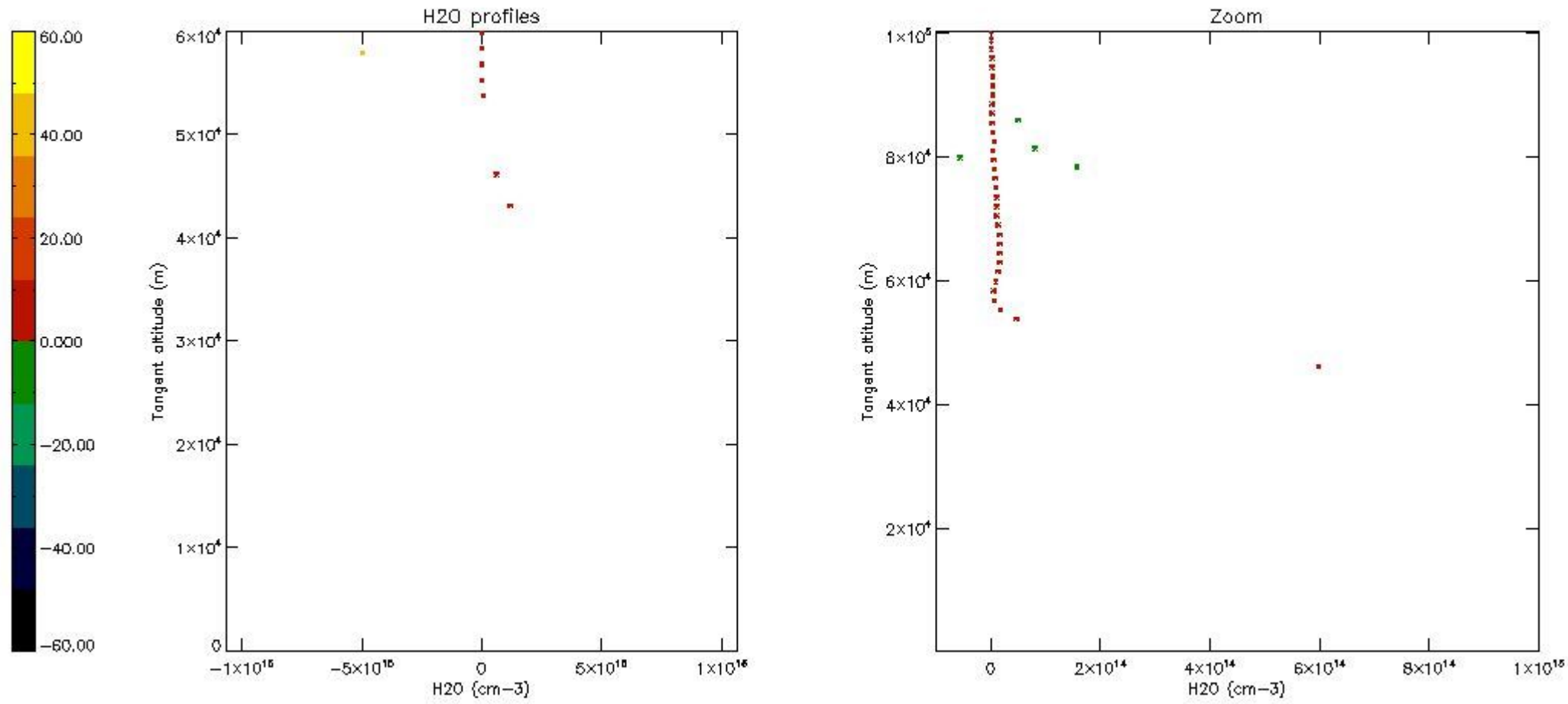
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

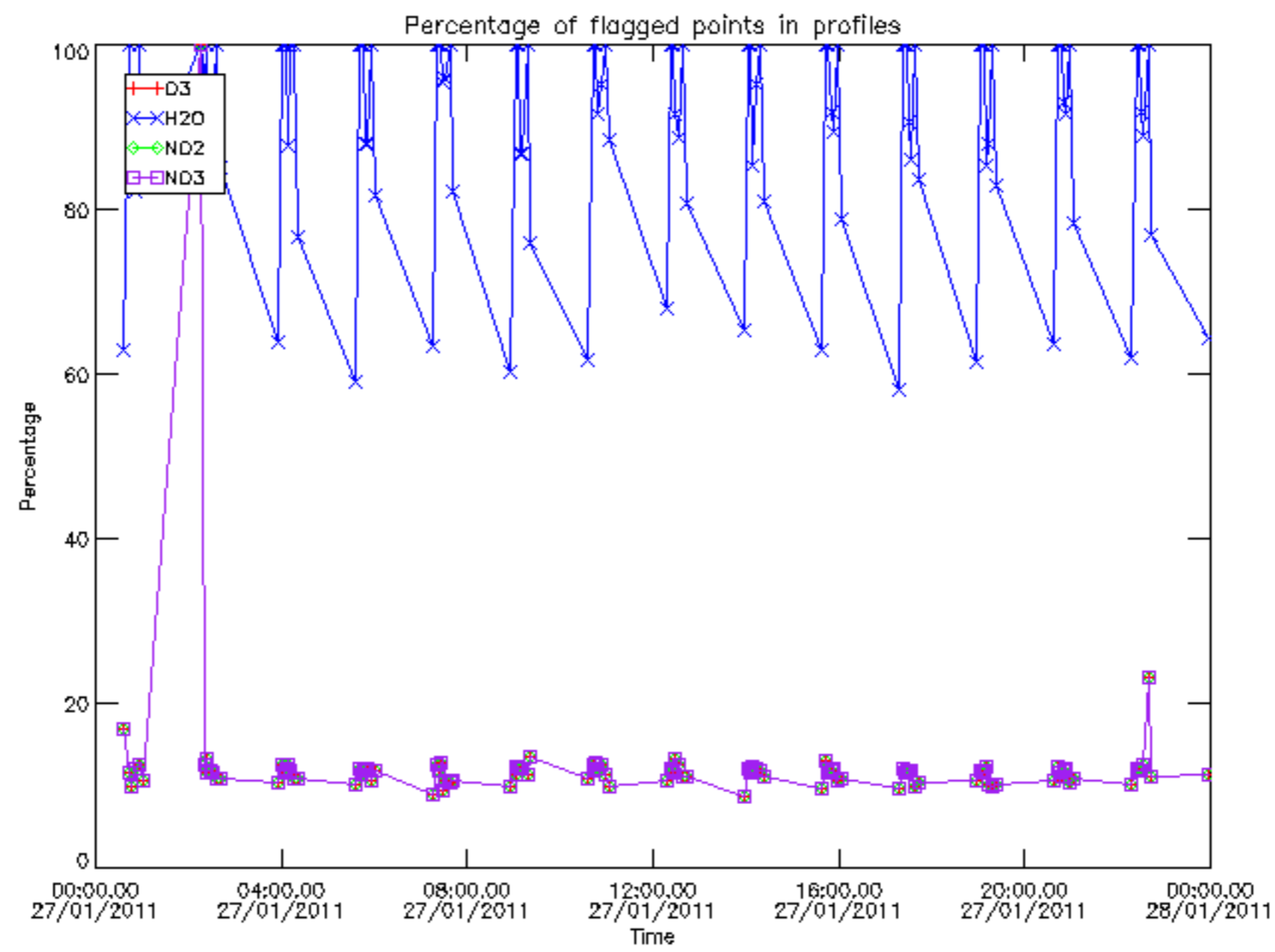
The colorbar represents the latitude.



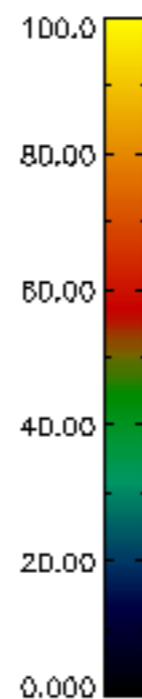
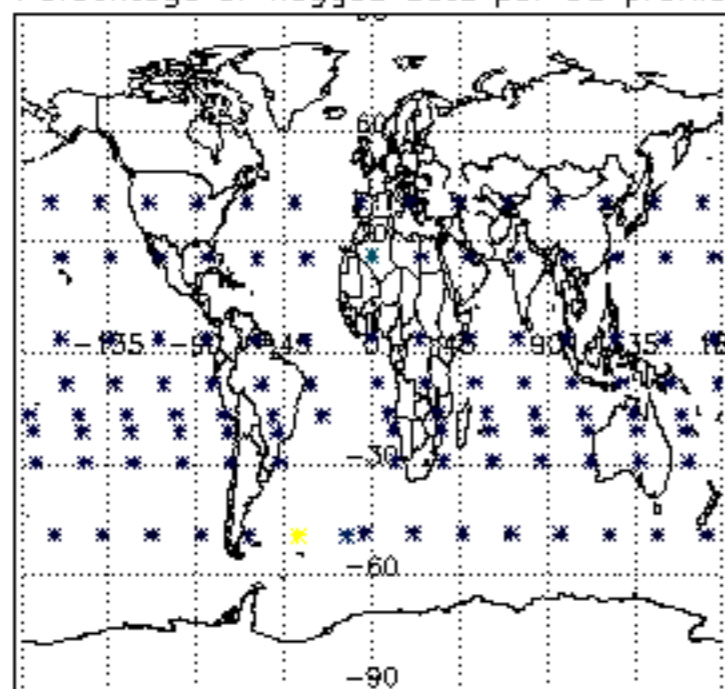
6. Auxiliary Data Files used for the production reported in section 2

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.

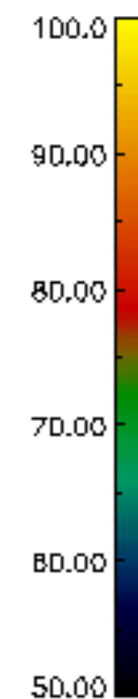
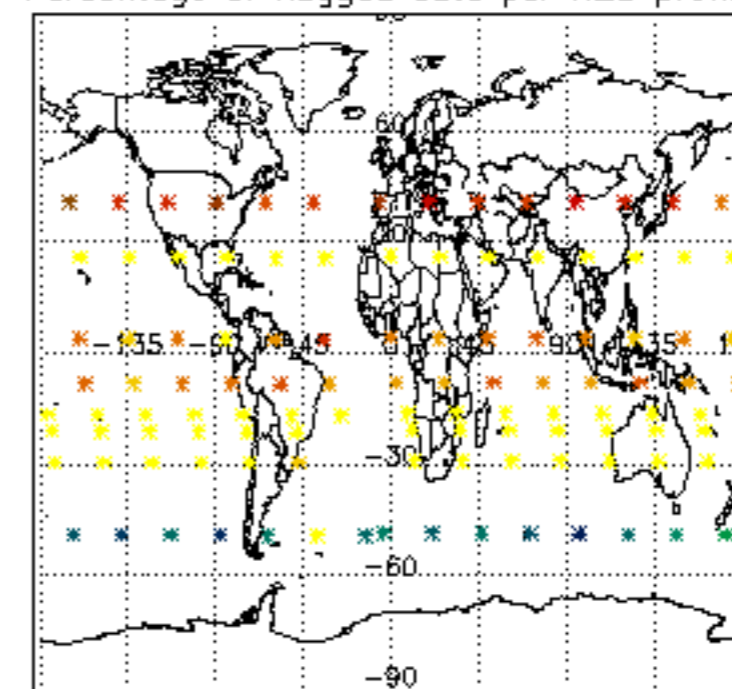
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-JAN-2011 00:03:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JAN-2011 00:03:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JAN-2011 00:03:37



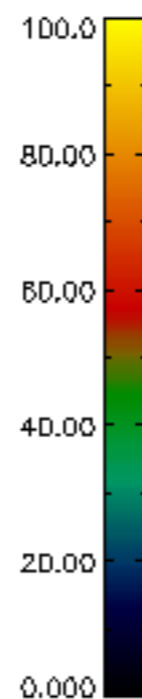
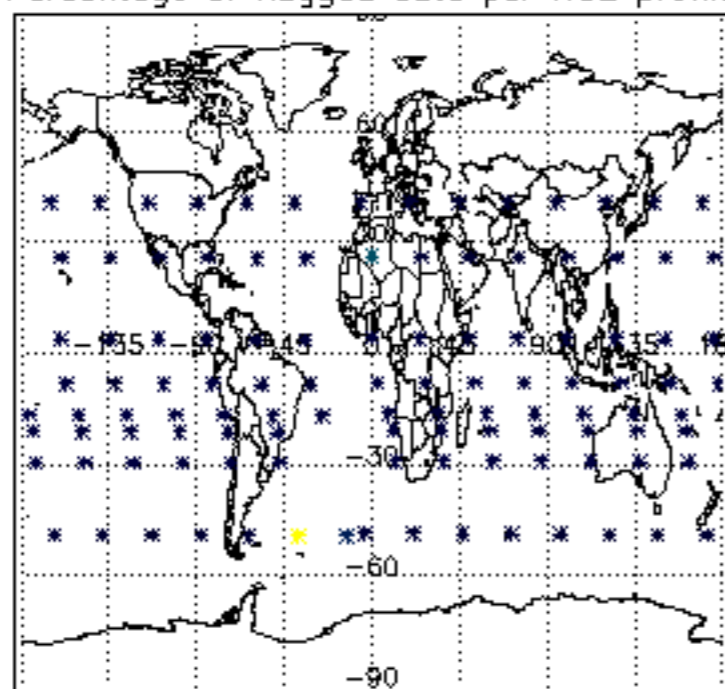
Percentage of flagged data per D3 profile



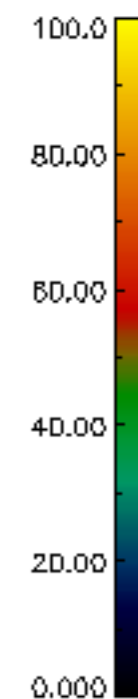
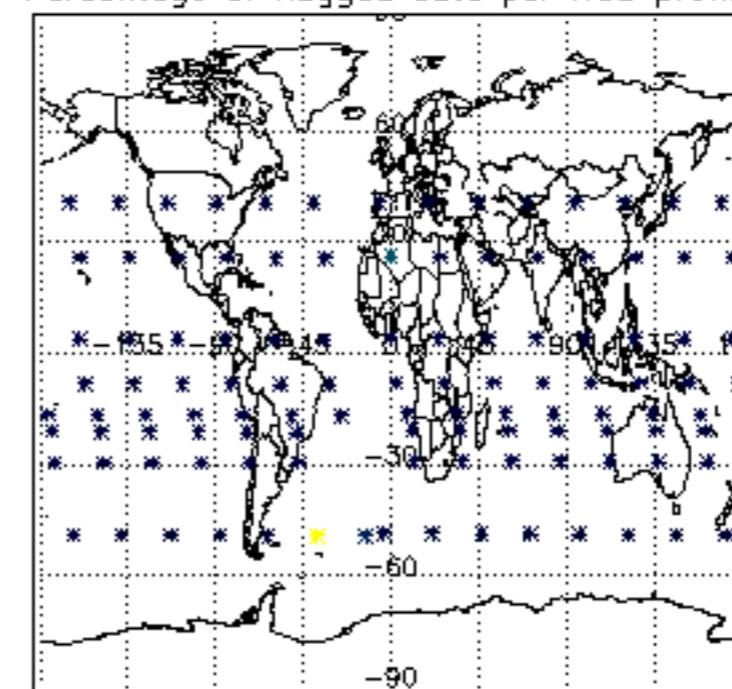
Percentage of flagged data per H2O profile

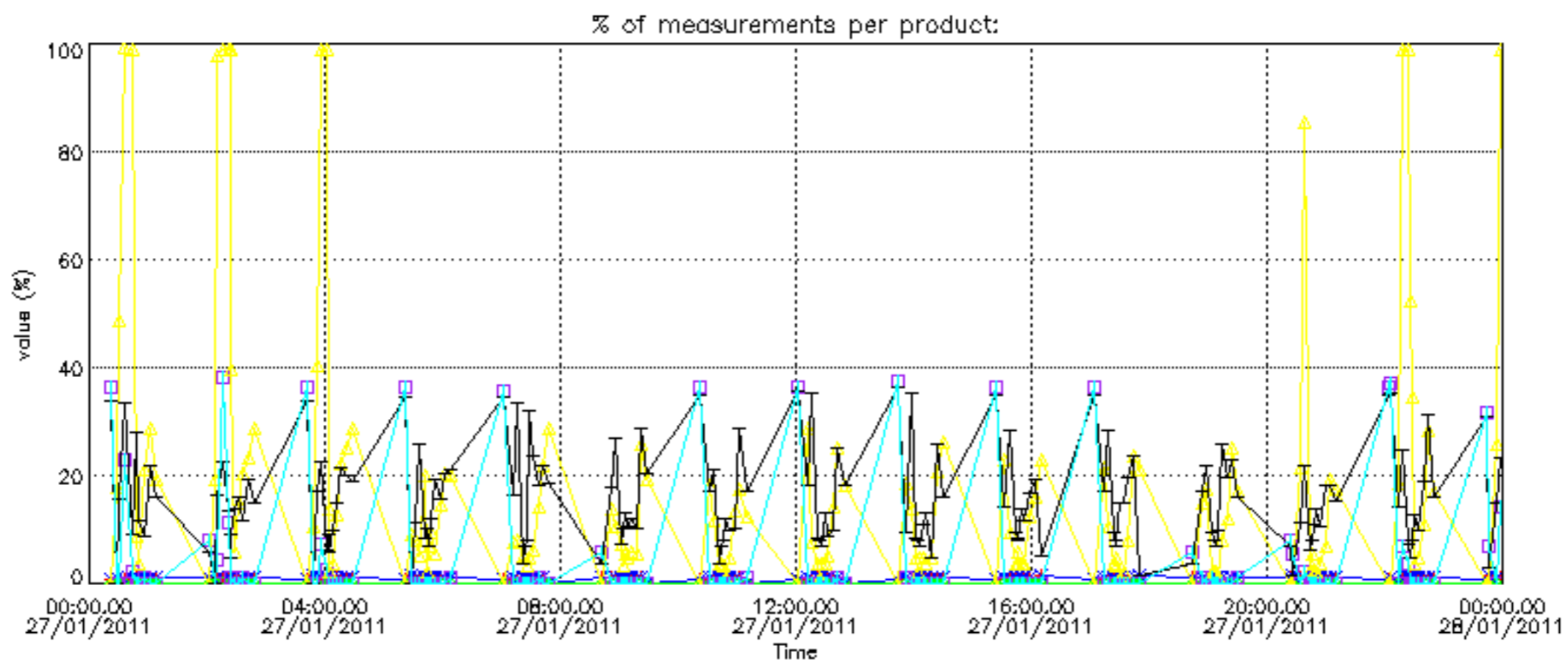


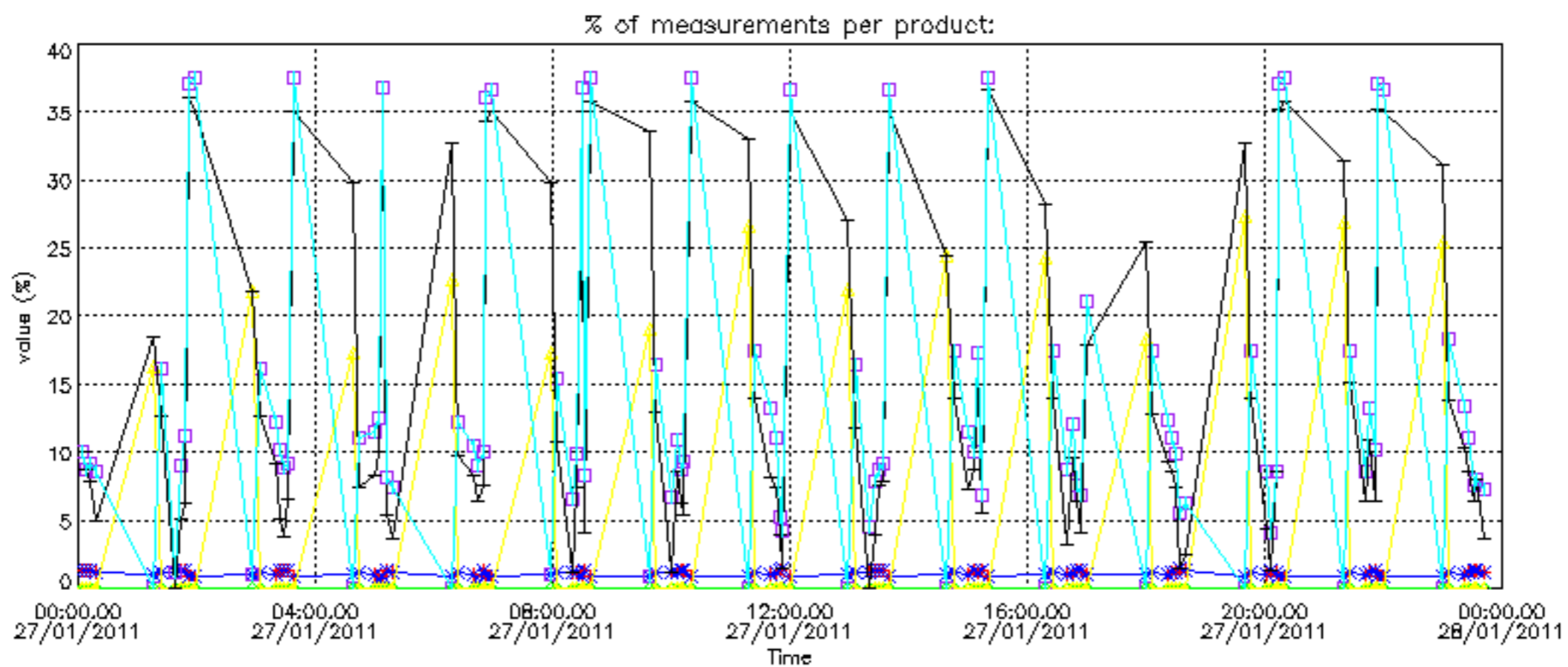
Percentage of flagged data per NO2 profile



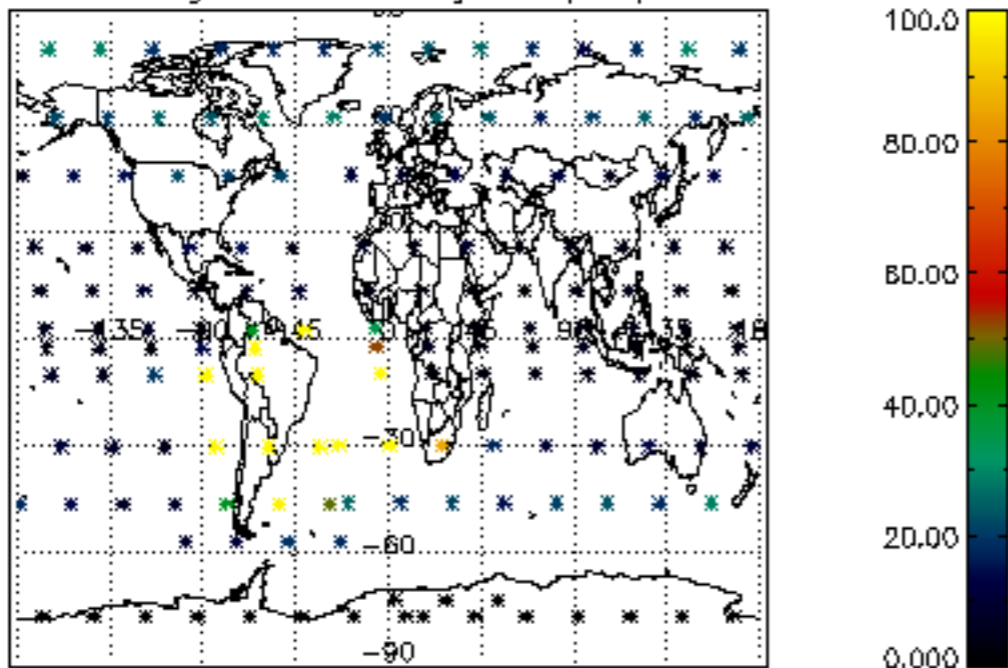
Percentage of flagged data per NO3 profile



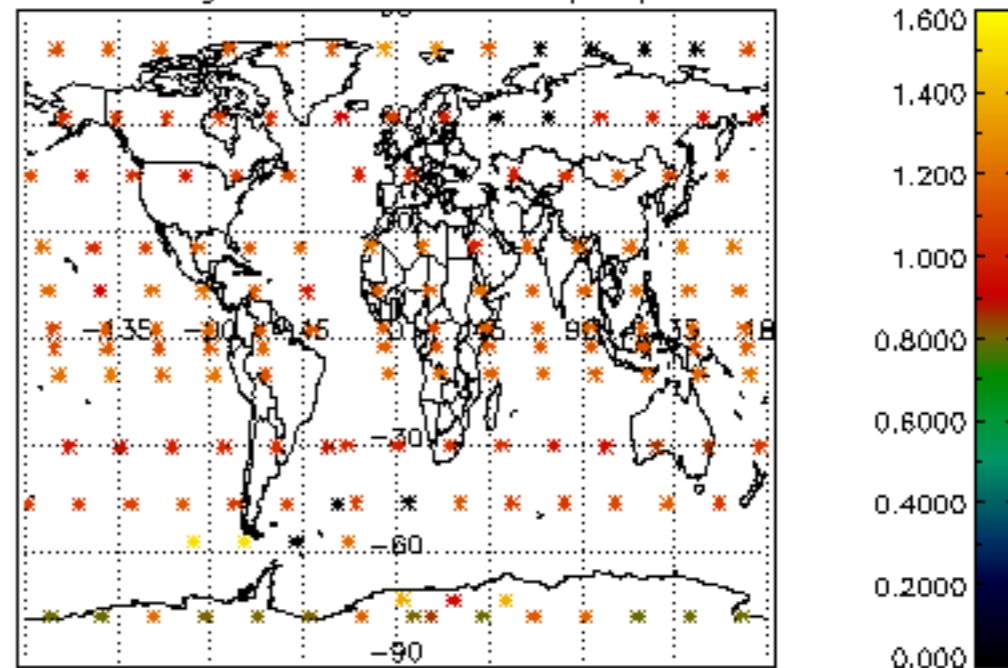




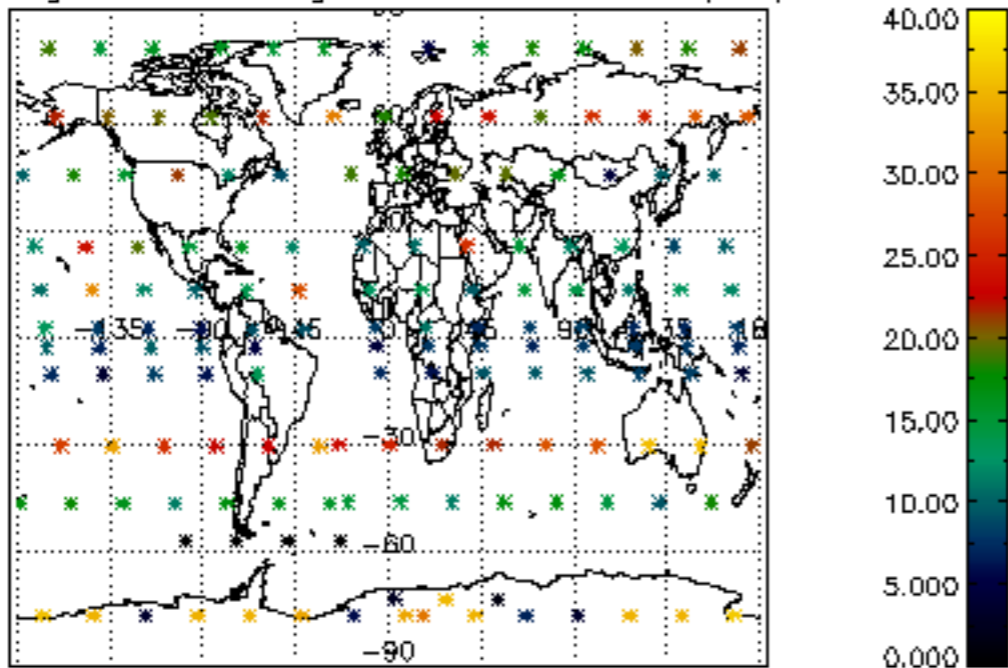
Percentage of cosmic ray hits per profile



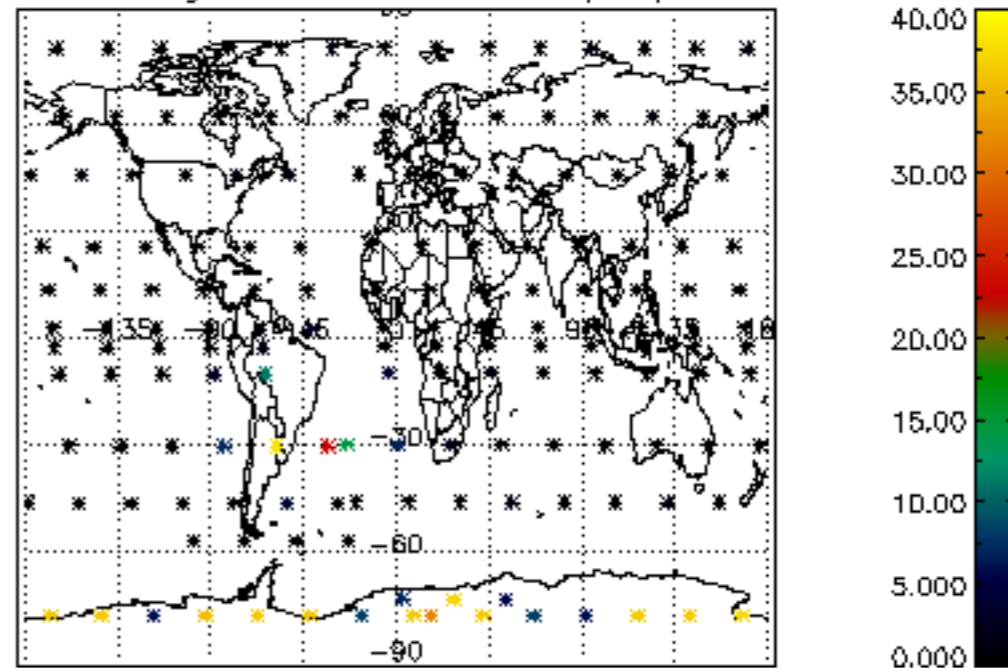
Percentage of datation errors per profile



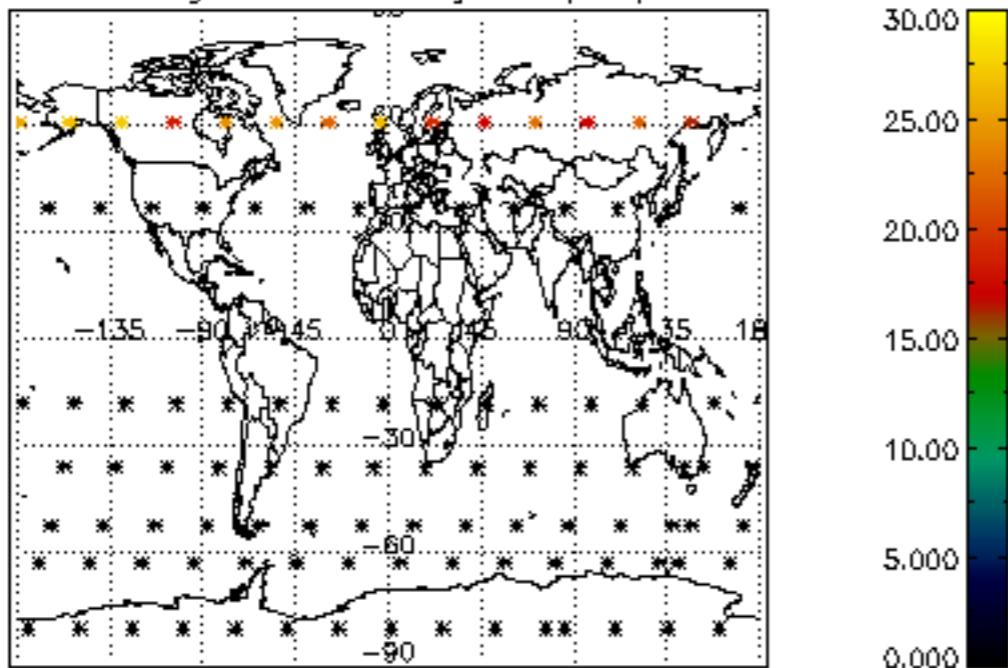
Percentage of star falling outside central band per profile



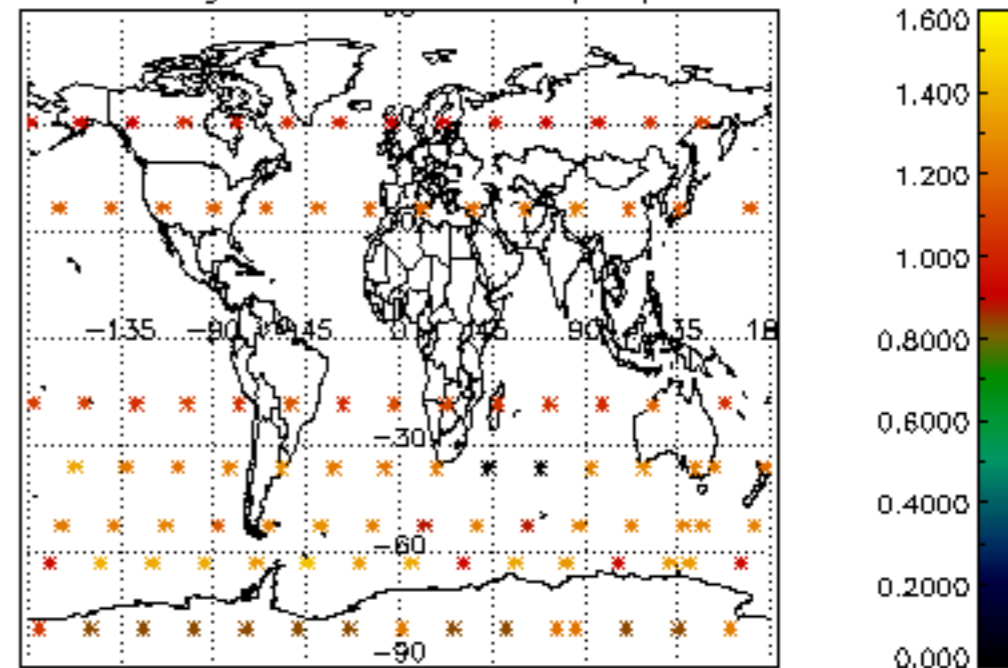
Percentage of saturation errors per profile



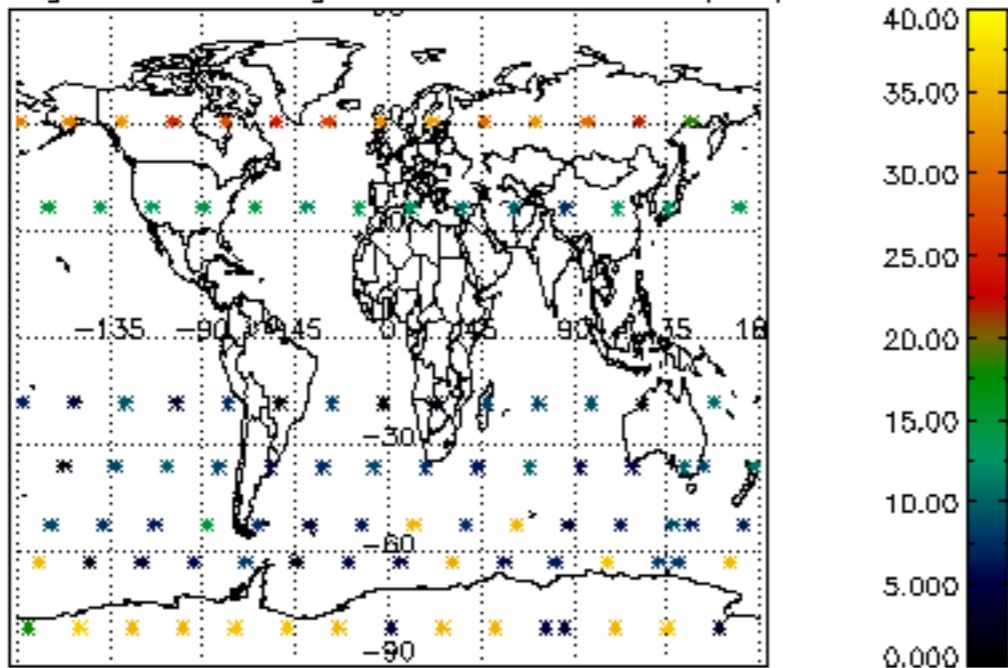
Percentage of cosmic ray hits per profile



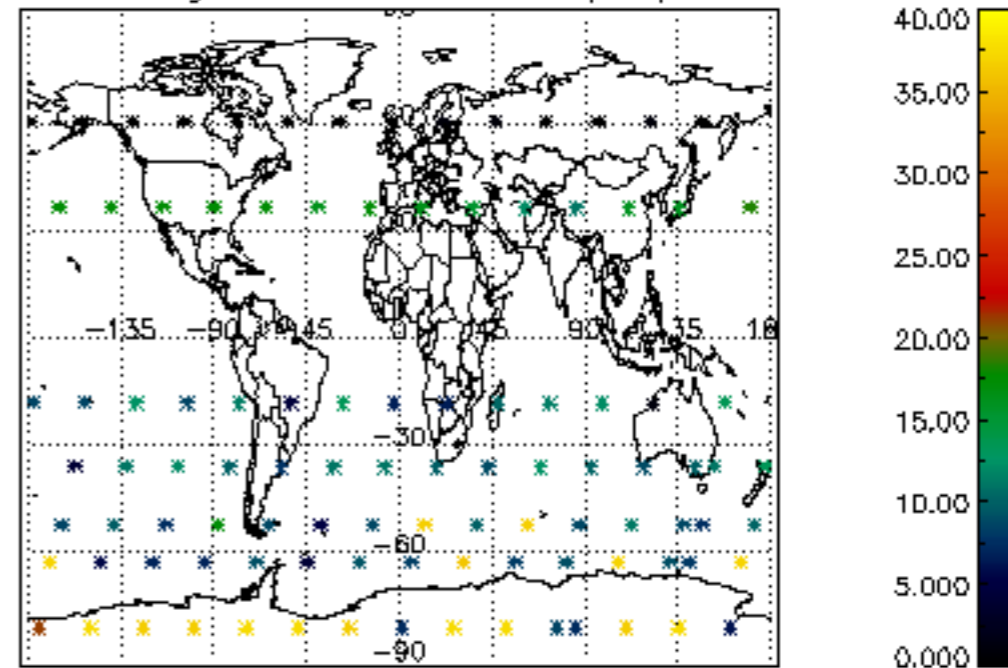
Percentage of datation errors per profile

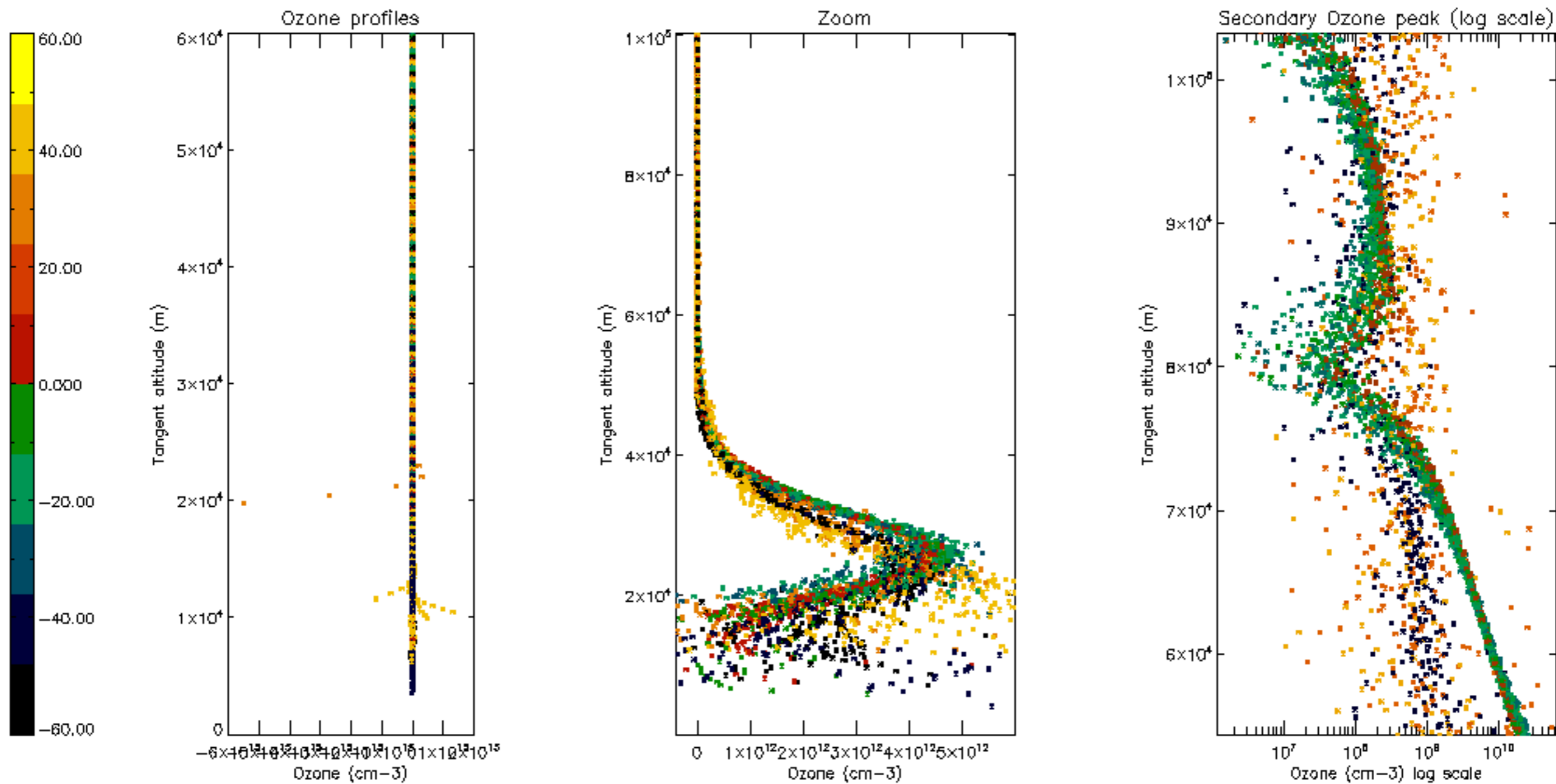


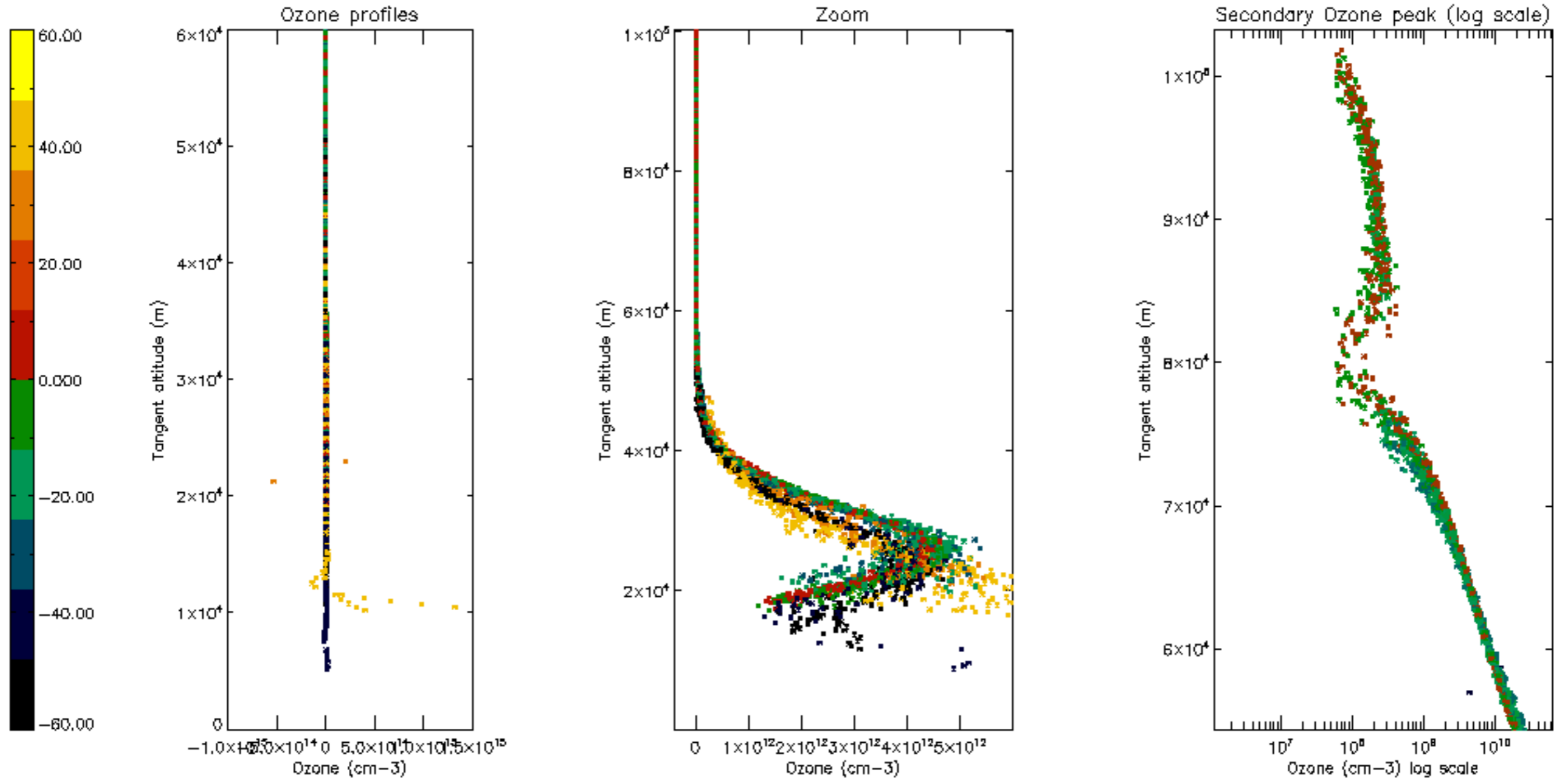
Percentage of star falling outside central band per profile

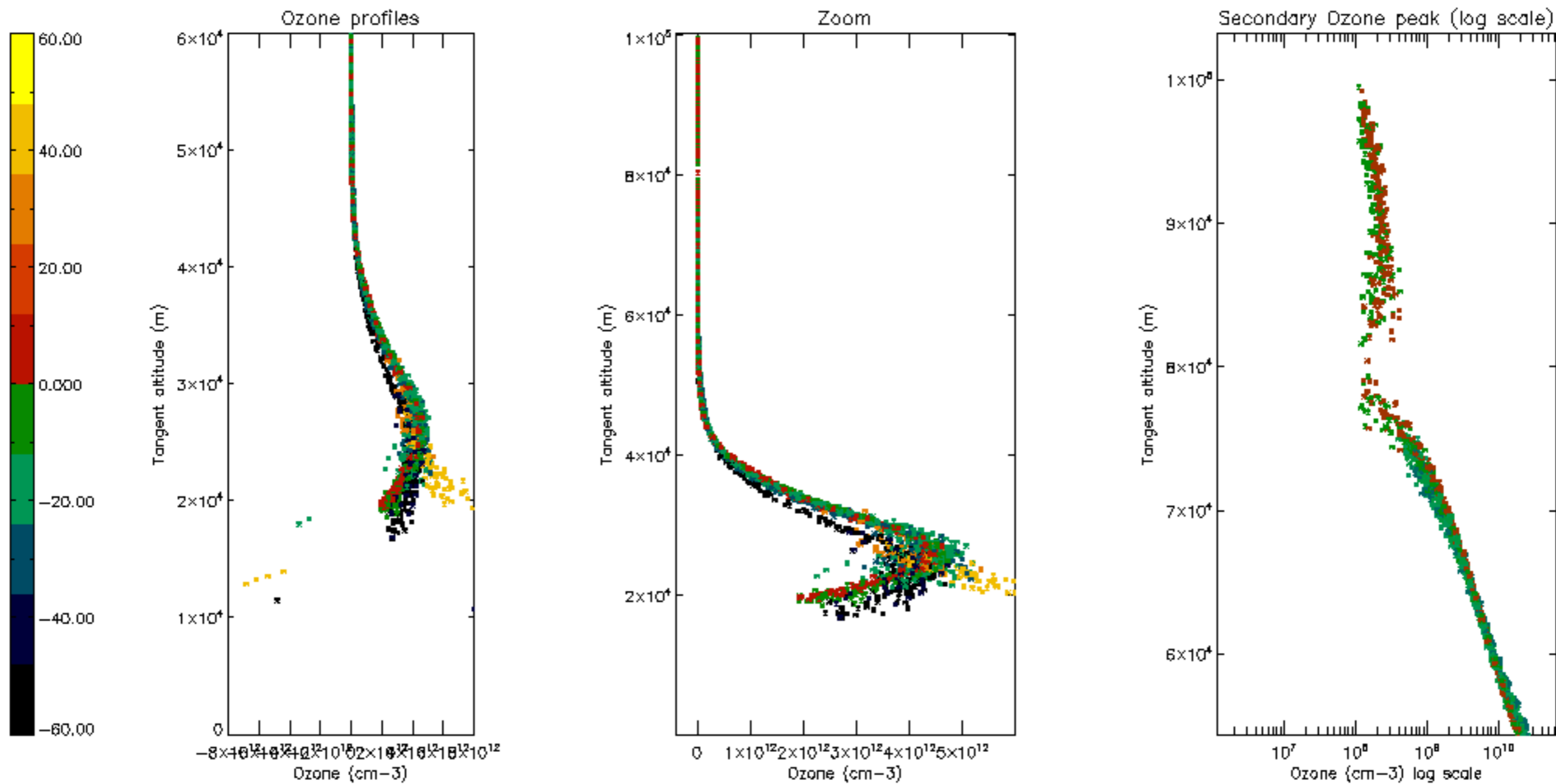


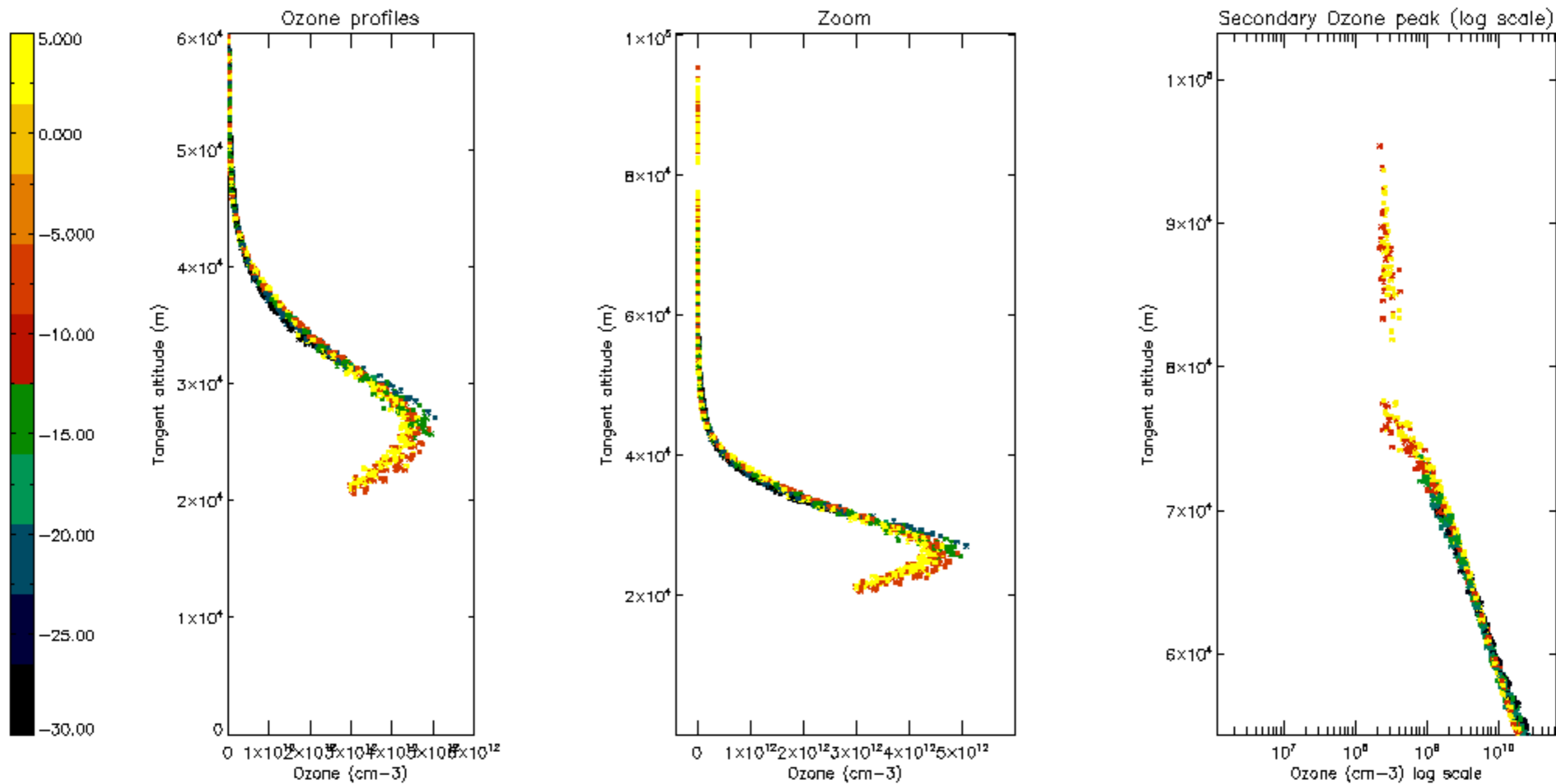
Percentage of saturation errors per profile

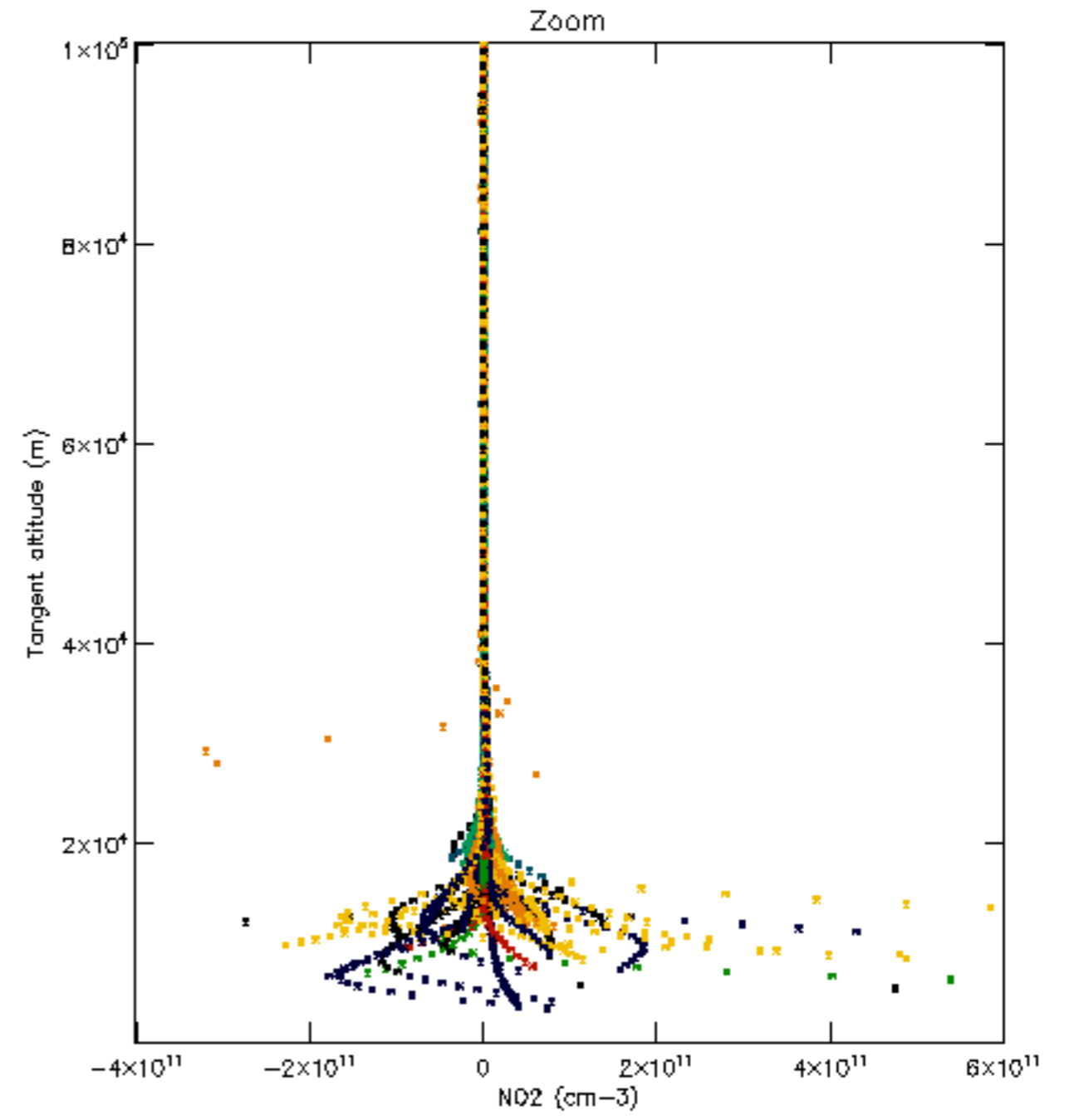
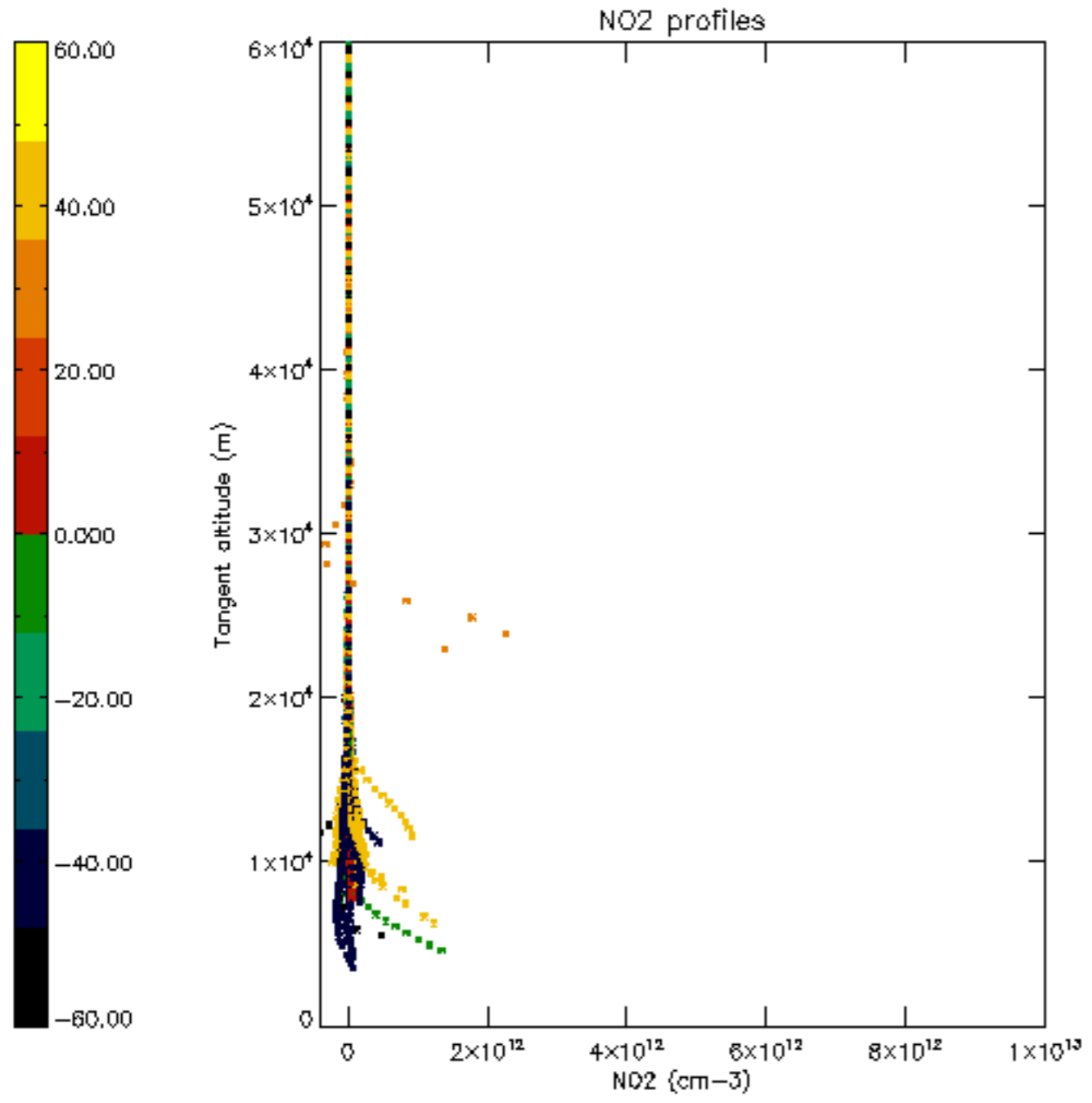


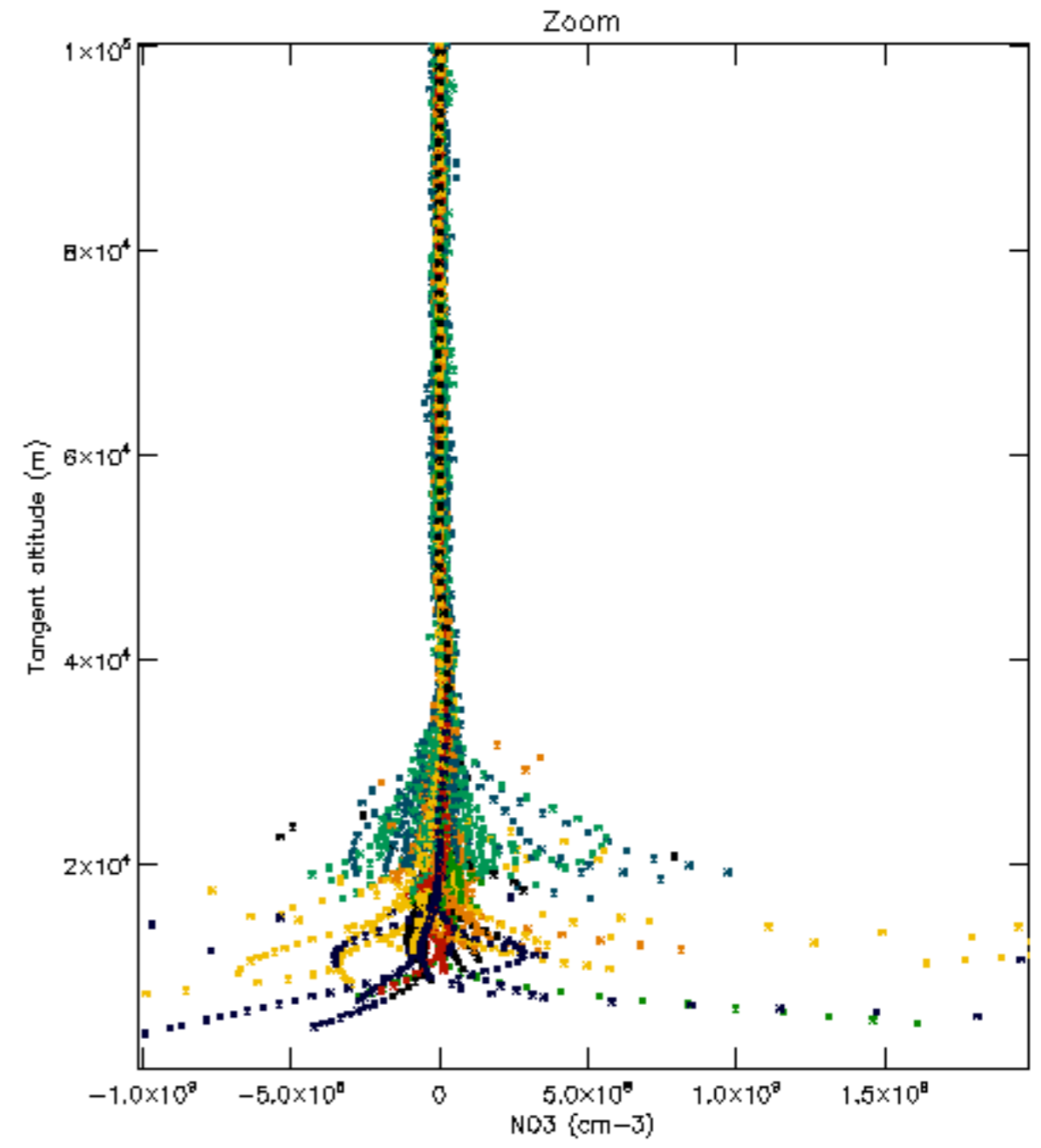
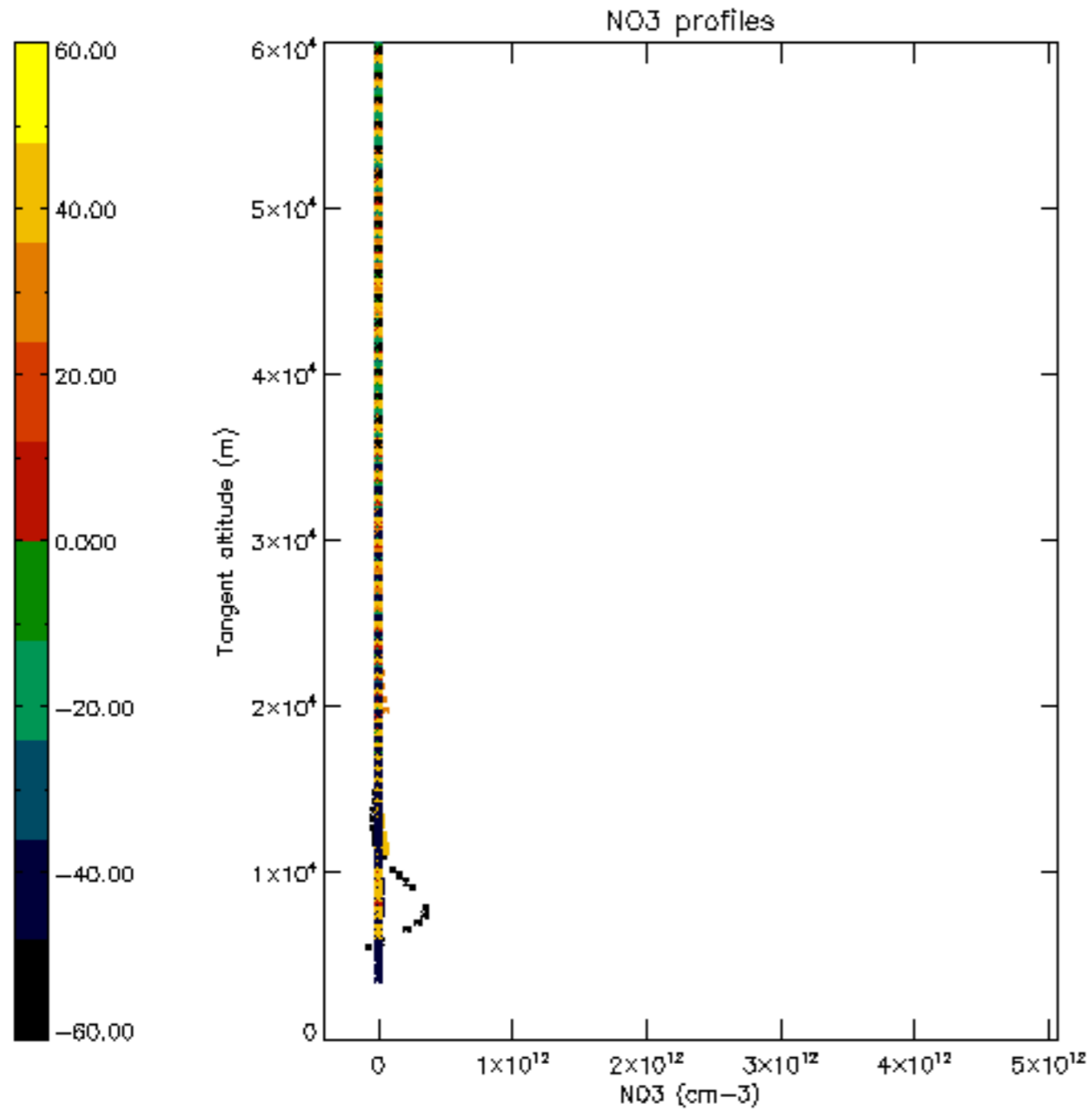


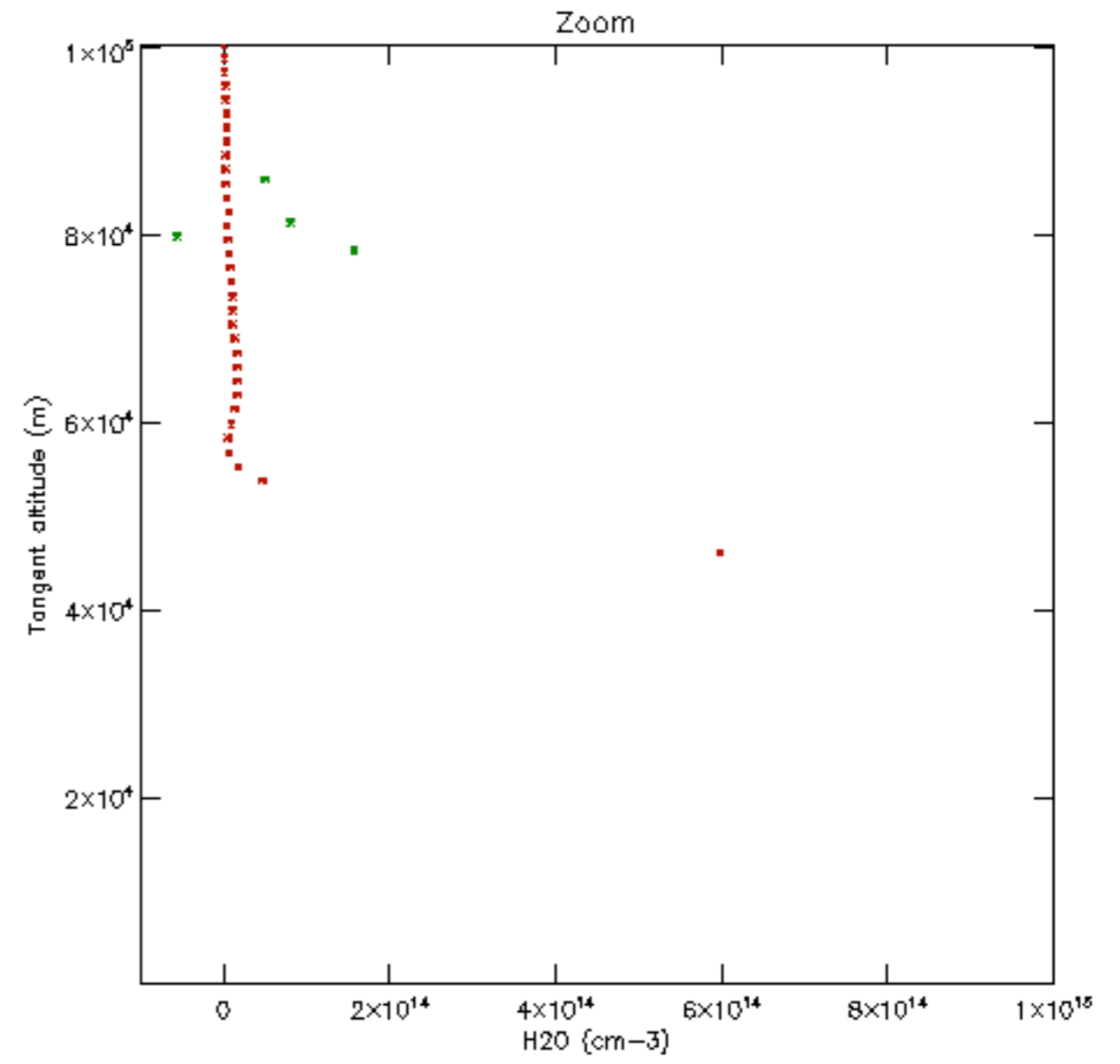
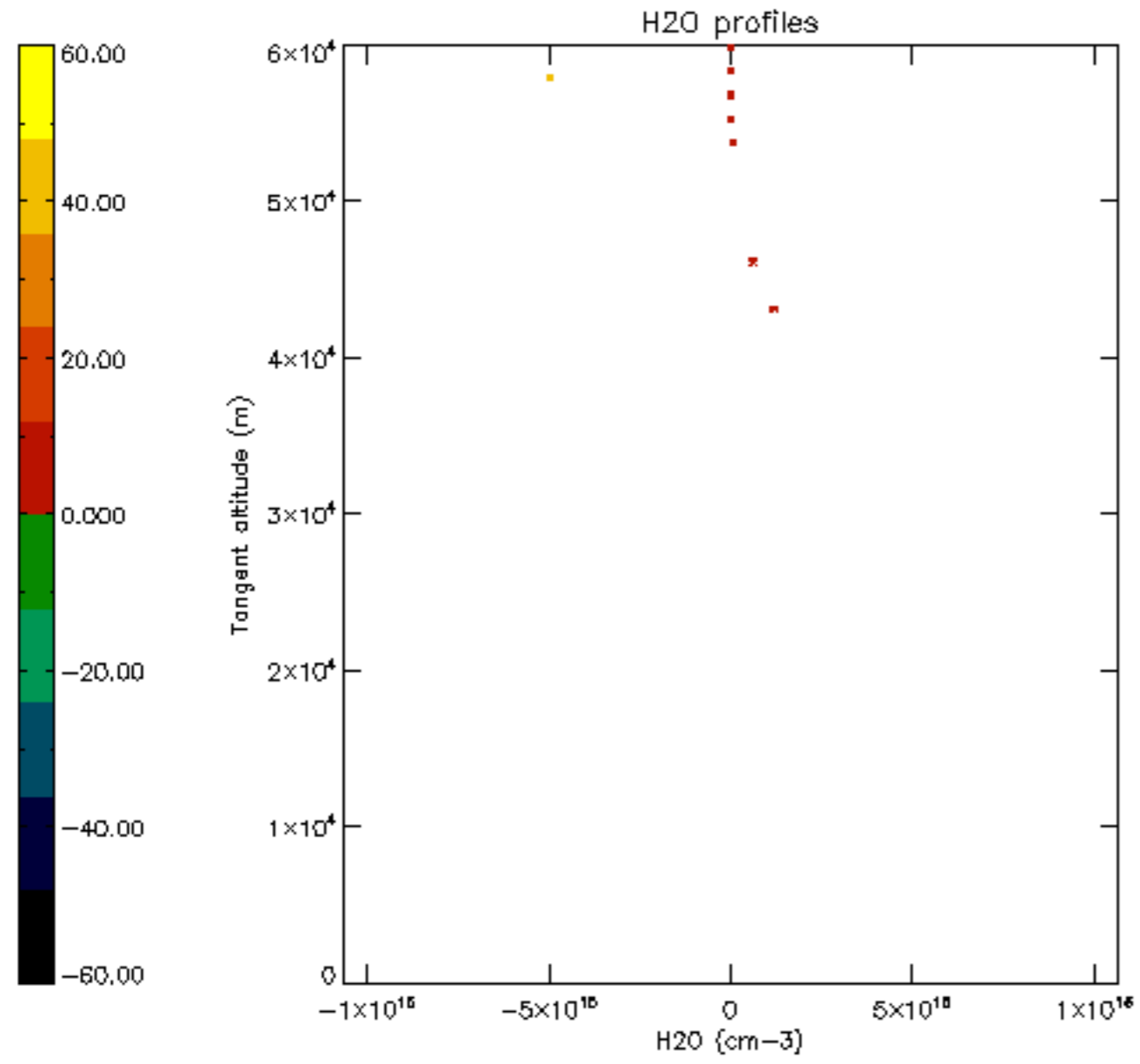


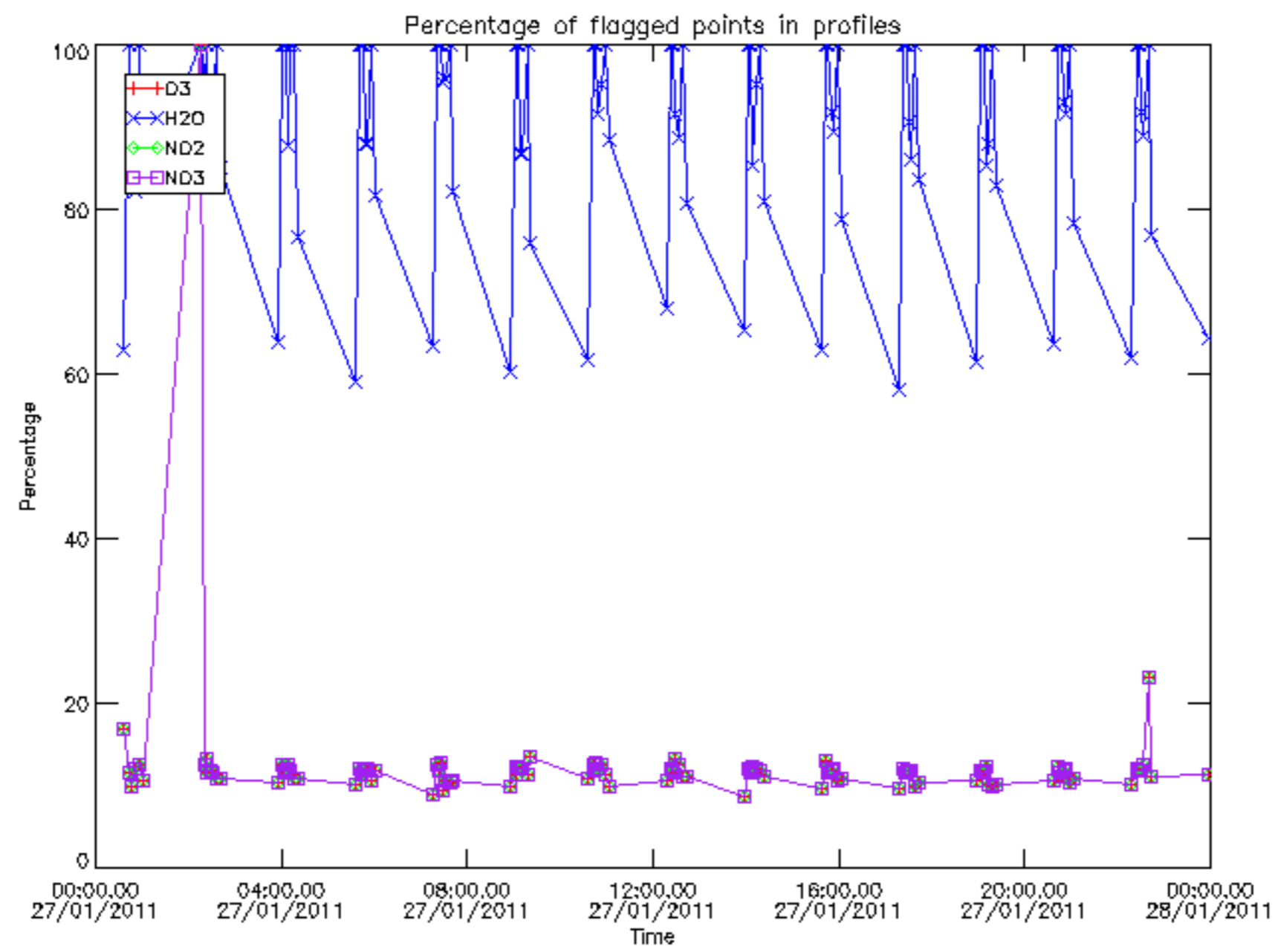




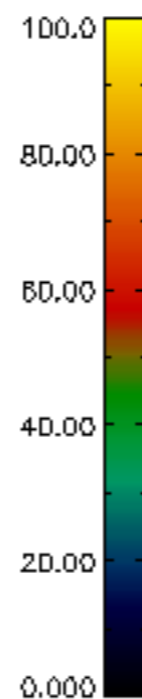
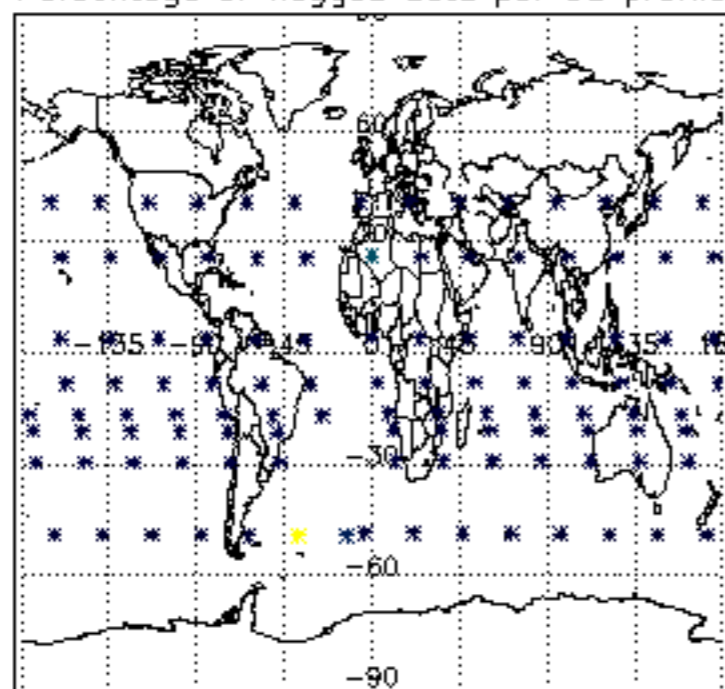




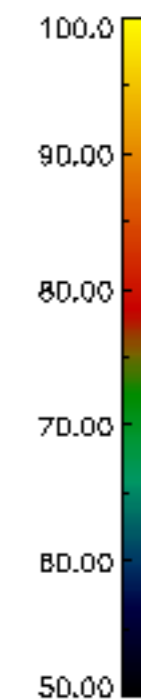
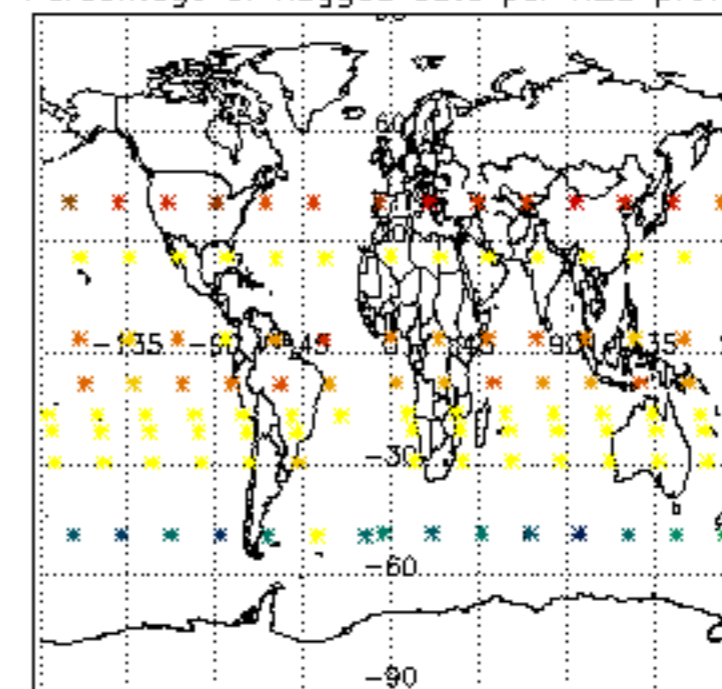




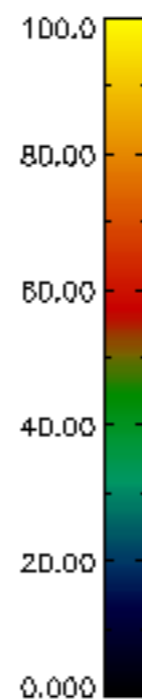
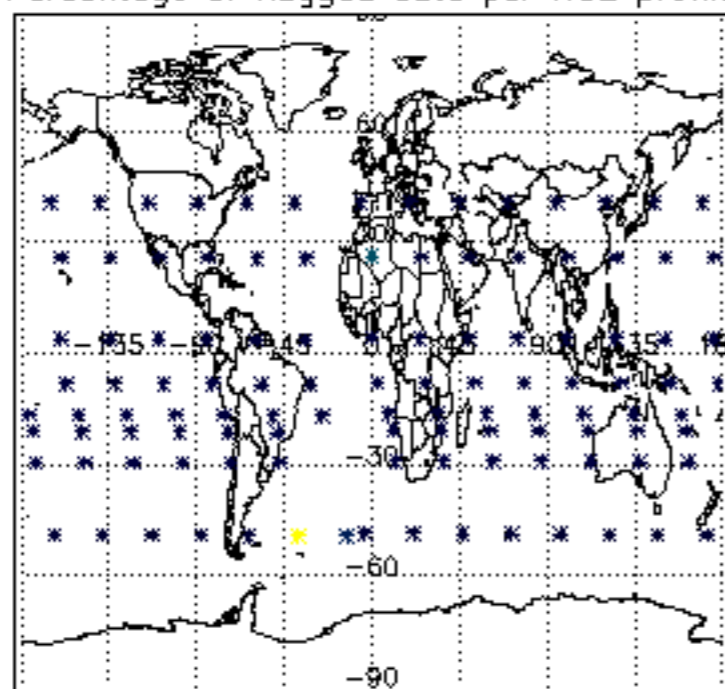
Percentage of flagged data per D3 profile



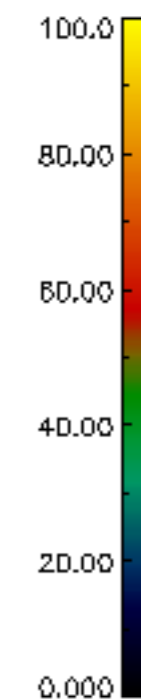
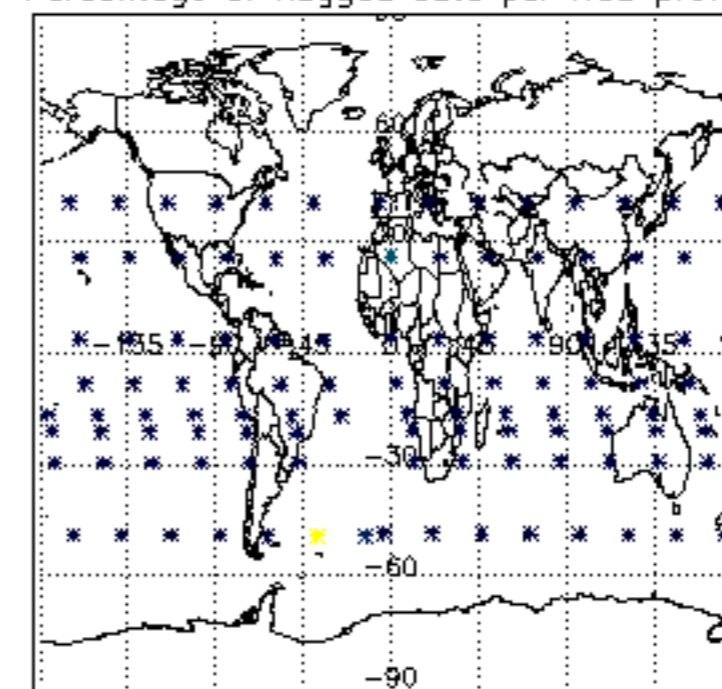
Percentage of flagged data per H2O profile

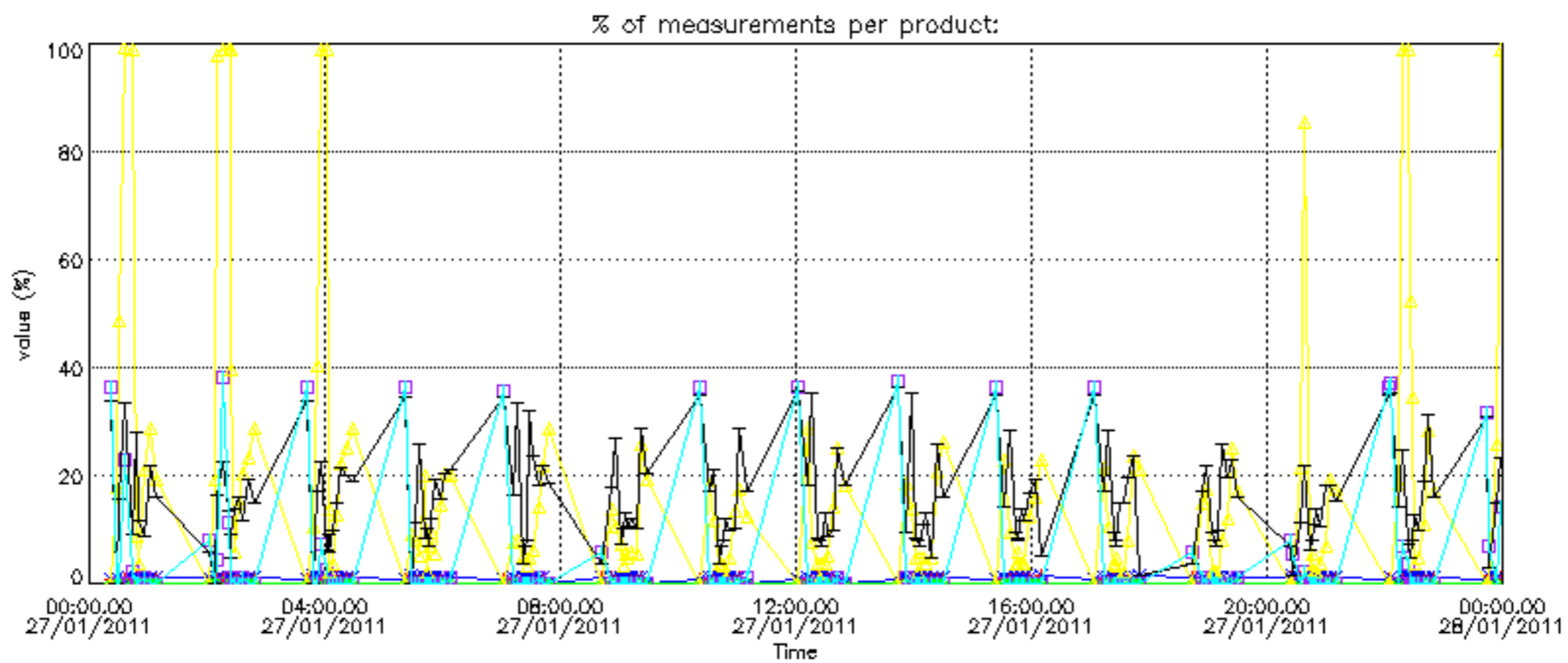


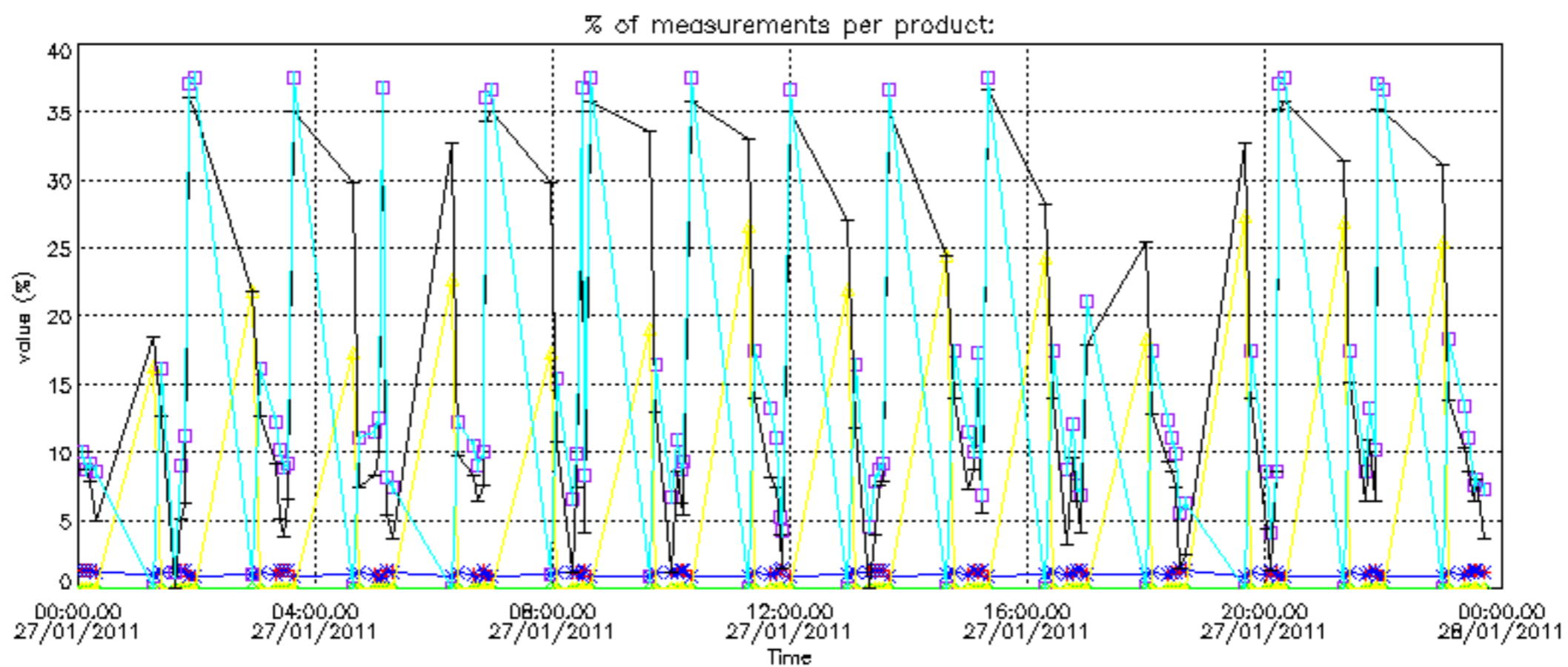
Percentage of flagged data per NO2 profile



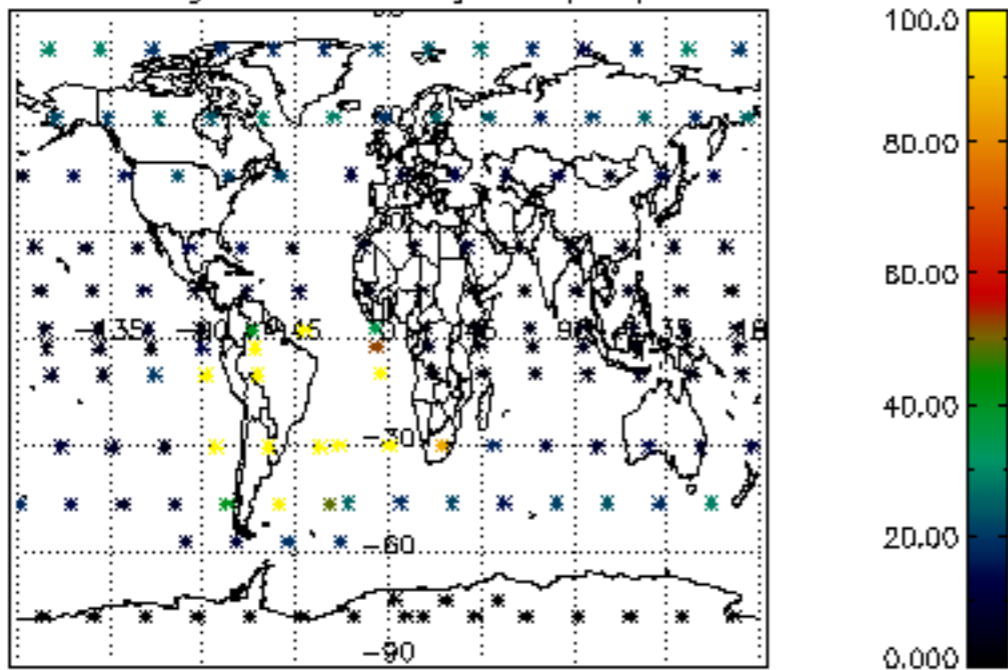
Percentage of flagged data per NO3 profile



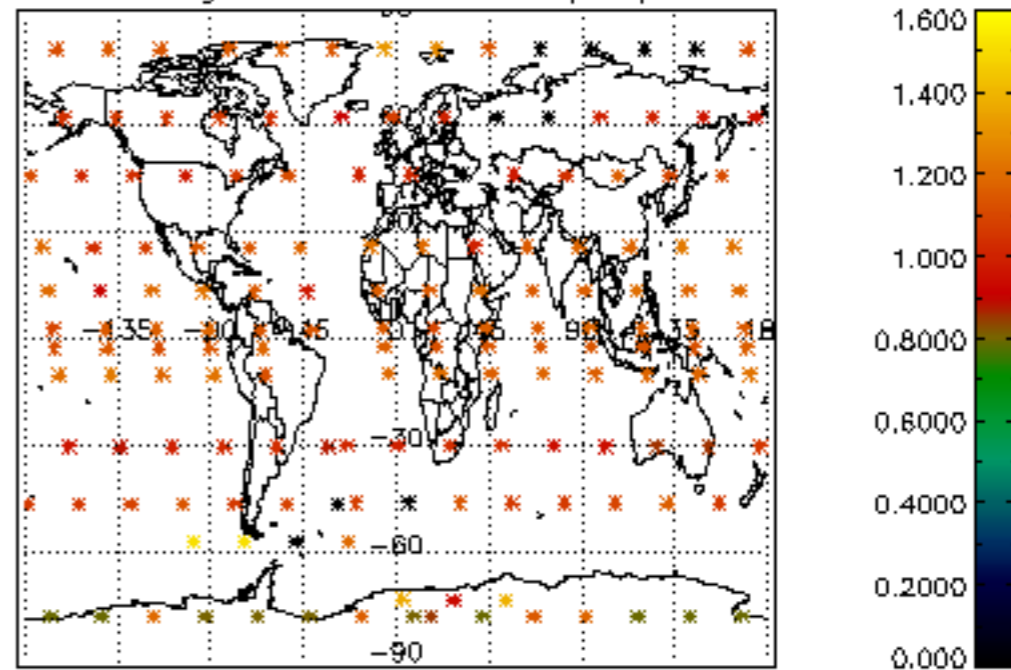




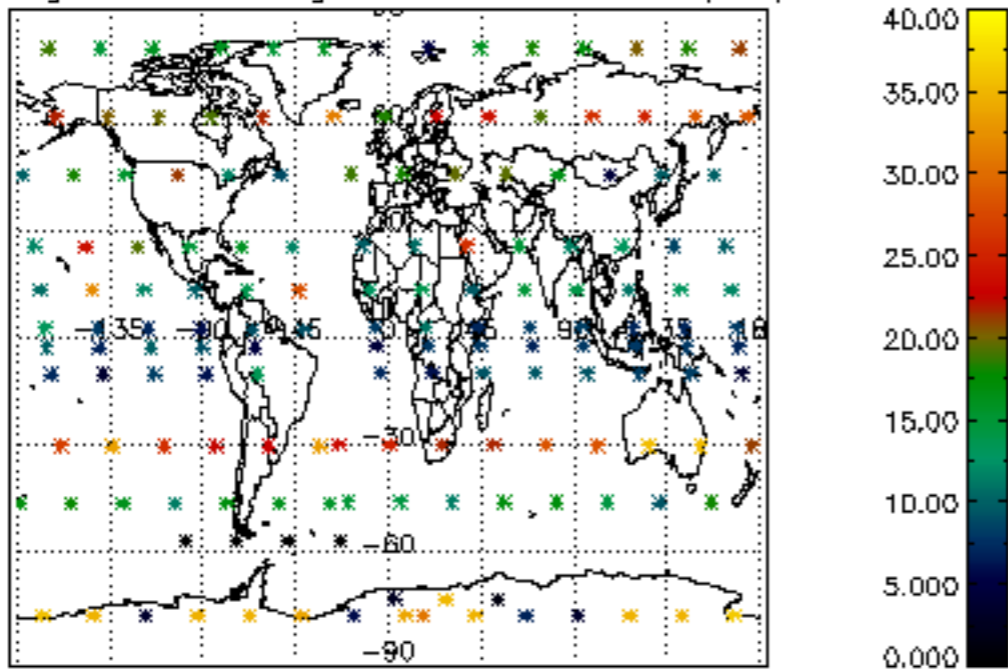
Percentage of cosmic ray hits per profile



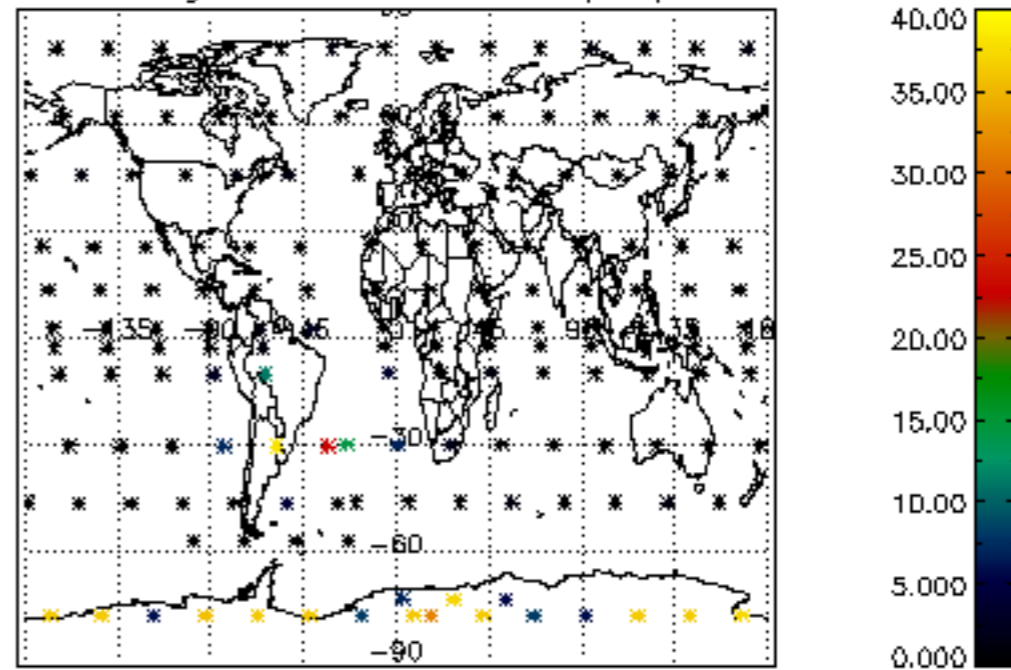
Percentage of datation errors per profile



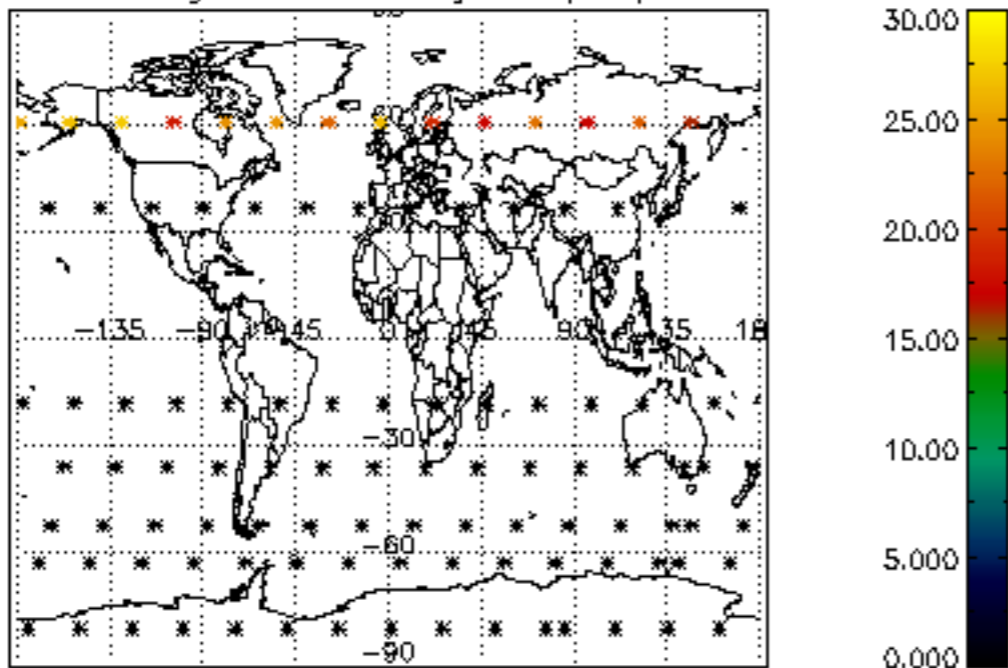
Percentage of star falling outside central band per profile



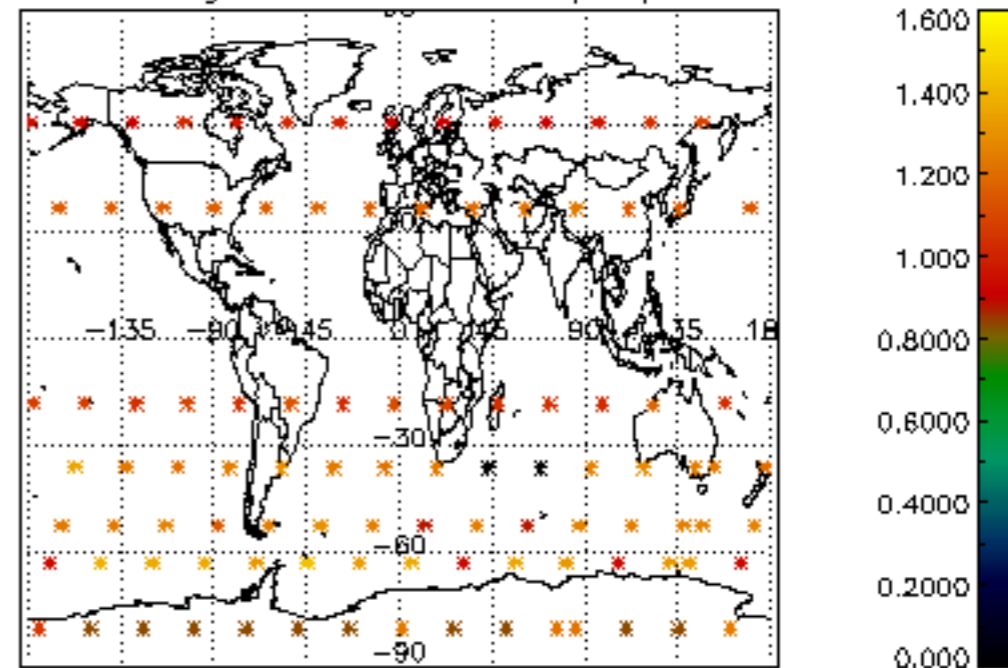
Percentage of saturation errors per profile



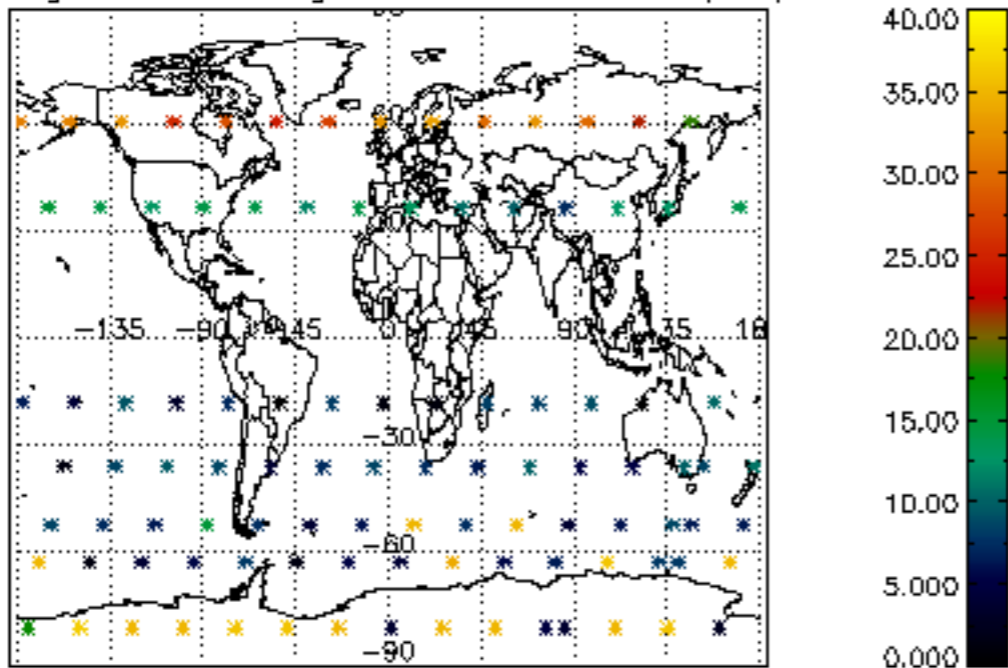
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

