

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	23APR2013 03:11:09
Data source version	GOMOS/6.01
Start time of products	02-09-2007 (02SEP2007 00:00:00)
Stop time of products	03-09-2007 (03SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

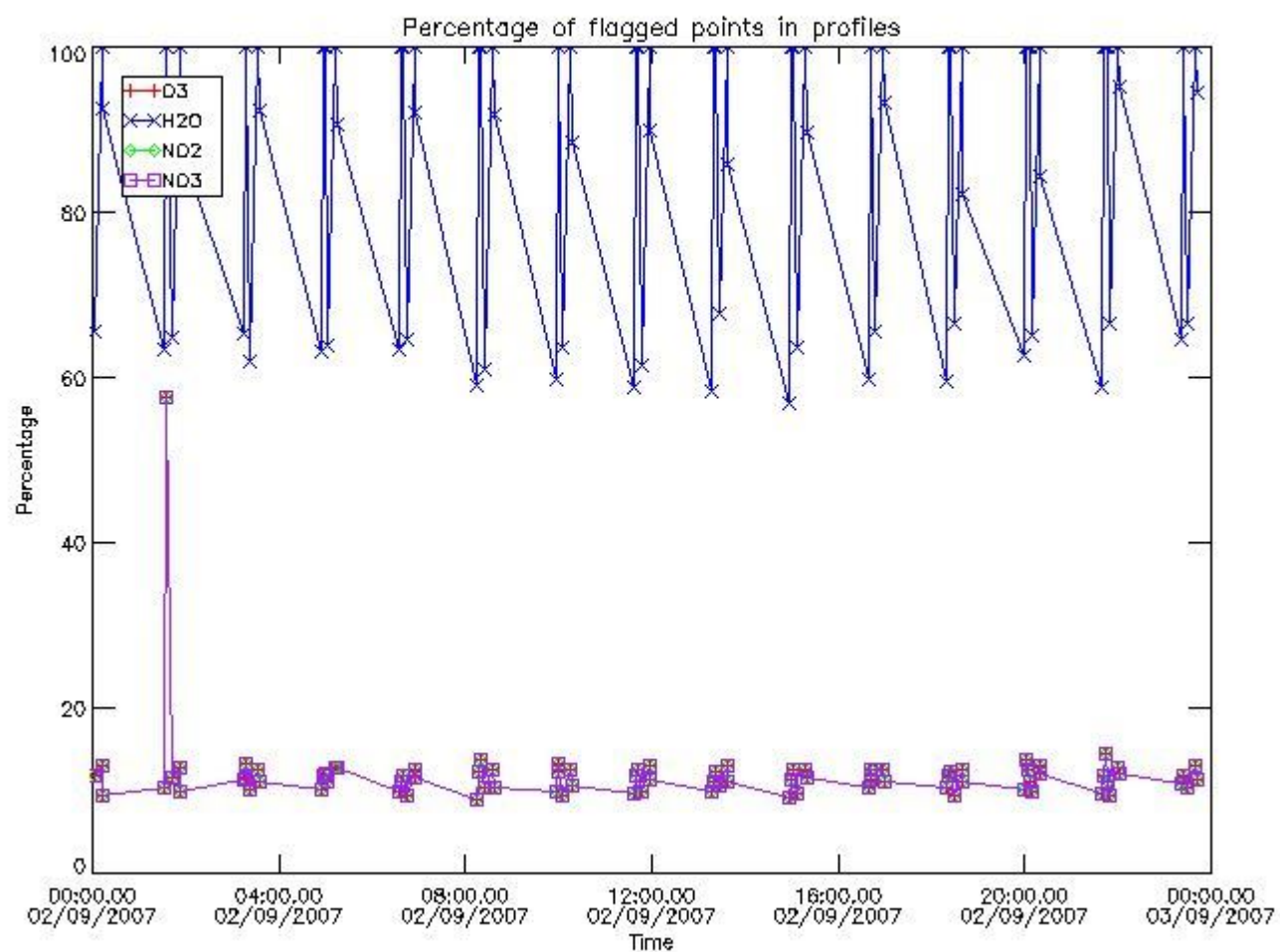
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070902_000143_000000472061_00173_28784_2513.N1	02-SEP-2007 00:01:43	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	28784	No
2	GOM_NL__2PRFIN20070902_001203_000000402061_00174_28785_2511.N1	02-SEP-2007 00:12:03	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28785	No
3	GOM_NL__2PRFIN20070902_001320_000000542061_00174_28785_2512.N1	02-SEP-2007 00:13:20	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28785	No
4	GOM_NL__2PRFIN20070902_002044_000000462061_00174_28785_2513.N1	02-SEP-2007 00:20:44	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	28785	No
5	GOM_NL__2PRFIN20070902_002523_000000462061_00174_28785_2514.N1	02-SEP-2007 00:25:23	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28785	No
6	GOM_NL__2PRFIN20070902_003012_000000442061_00174_28785_2515.N1	02-SEP-2007 00:30:12	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28785	No
7	GOM_NL__2PRFIN20070902_003319_000000382061_00174_28785_2516.N1	02-SEP-2007 00:33:19	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28785	No
8	GOM_NL__2PRFIN20070902_003446_000000402061_00174_28785_2517.N1	02-SEP-2007 00:34:46	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28785	No
9	GOM_NL__2PRFIN20070902_003746_000000382061_00174_28785_2518.N1	02-SEP-2007 00:37:46	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28785	No
10	GOM_NL__2PRFIN20070902_005246_000000362061_00174_28785_2519.N1	02-SEP-2007 00:52:46	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28785	No
11	GOM_NL__2PRFIN20070902_010026_000000362061_00174_28785_2520.N1	02-SEP-2007 01:00:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28785	No
12	GOM_NL__2PRFIN20070902_011725_000000362061_00174_28785_2521.N1	02-SEP-2007 01:17:25	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28785	No
13	GOM_NL__2PRFIN20070902_012005_000000492061_00174_28785_2522.N1	02-SEP-2007 01:20:05	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	28785	No
14	GOM_NL__2PRFIN20070902_012508_000000442061_00174_28785_2523.N1	02-SEP-2007 01:25:08	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	28785	No
15	GOM_NL__2PRFIN20070902_013250_000000592061_00174_28785_2524.N1	02-SEP-2007 01:32:50	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	28785	No
16	GOM_NL__2PRFIN20070902_013535_000000442061_00174_28785_2525.N1	02-SEP-2007 01:35:35	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28785	No
17	GOM_NL__2PRFIN20070902_014219_000000452061_00174_28785_2526.N1	02-SEP-2007 01:42:19	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28785	No
18	GOM_NL__2PRFIN20070902_015239_000000402061_00175_28786_2521.N1	02-SEP-2007 01:52:39	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28786	No
19	GOM_NL__2PRFIN20070902_015357_000000562061_00175_28786_2522.N1	02-SEP-2007 01:53:57	Dark	56.000	9	Alp Eri	0.45300	24000.	112	28786	No
20	GOM_NL__2PRFIN20070902_020121_000000432061_00175_28786_2523.N1	02-SEP-2007 02:01:21	Straylight	43.000	63	Bet Gru	2.1500	2800.0	86	28786	No
21	GOM_NL__2PRFIN20070902_020559_000000542061_00175_28786_2524.N1	02-SEP-2007 02:05:59	Straylight	54.000	18	24Alp PsA	1.1660	9700.0	108	28786	No
22	GOM_NL__2PRFIN20070902_021048_000000432061_00175_28786_2525.N1	02-SEP-2007 02:10:48	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	28786	No
23	GOM_NL__2PRFIN20070902_021355_000000382061_00175_28786_2526.N1	02-SEP-2007 02:13:55	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28786	No
24	GOM_NL__2PRFIN20070902_021522_000000402061_00175_28786_2527.N1	02-SEP-2007 02:15:22	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28786	No
25	GOM_NL__2PRFIN20070902_021822_000000382061_00175_28786_2528.N1	02-SEP-2007 02:18:22	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28786	No
26	GOM_NL__2PRFIN20070902_023322_000000342061_00175_28786_2529.N1	02-SEP-2007 02:33:22	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28786	No
27	GOM_NL__2PRFIN20070902_024102_000000342061_00175_28786_2530.N1	02-SEP-2007 02:41:02	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28786	No
28	GOM_NL__2PRFIN20070902_025801_000000552061_00175_28786_2531.N1	02-SEP-2007 02:58:01	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	28786	No
29	GOM_NL__2PRFIN20070902_030041_000000482061_00175_28786_2532.N1	02-SEP-2007 03:00:41	Bright	48.000	170	27Eps Gem	3.0000	9700.0	96	28786	No
30	GOM_NL__2PRFIN20070902_030545_000000422061_00175_28786_2533.N1	02-SEP-2007 03:05:45	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	28786	No
31	GOM_NL__2PRFIN20070902_031327_000000502061_00175_28786_2534.N1	02-SEP-2007 03:13:27	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28786	No
32	GOM_NL__2PRFIN20070902_031612_000000452061_00175_28786_2535.N1	02-SEP-2007 03:16:12	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28786	No
33	GOM_NL__2PRFIN20070902_031754_000000422061_00175_28786_2536.N1	02-SEP-2007 03:17:54	Dark	42.000	177	1Zet CMa	3.0220	26000.	84	28786	No
34	GOM_NL__2PRFIN20070902_032256_000000512061_00175_28786_2537.N1	02-SEP-2007 03:22:56	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	28786	No
35	GOM_NL__2PRFIN20070902_033316_000000412061_00176_28787_2542.N1	02-SEP-2007 03:33:16	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28787	No
36	GOM_NL__2PRFIN20070902_033433_000000462061_00176_28787_2543.N1	02-SEP-2007 03:34:33	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28787	No
37	GOM_NL__2PRFIN20070902_034157_000000502061_00176_28787_2544.N1	02-SEP-2007 03:41:57	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	28787	No
38	GOM_NL__2PRFIN20070902_034635_000000472061_00176_28787_2545.N1	02-SEP-2007 03:46:35	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28787	No
39	GOM_NL__2PRFIN20070902_035124_000000432061_00176_28787_2546.N1	02-SEP-2007 03:51:24	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	28787	No
40	GOM_NL__2PRFIN20070902_035431_000000382061_00176_28787_2547.N1	02-SEP-2007 03:54:31	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28787	No
41	GOM_NL__2PRFIN20070902_035559_000000392061_00176_28787_2548.N1	02-SEP-2007 03:55:59	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28787	No
42	GOM_NL__2PRFIN20070902_035858_000000382061_00176_28787_2549.N1	02-SEP-2007 03:58:58	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28787	No

220	GOM_NL__2PRFIN20070902_220835_000000442061_00187_28798_2718.N1	02-SEP-2007 22:08:35	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	28798	No
221	GOM_NL__2PRFIN20070902_221313_000000472061_00187_28798_2719.N1	02-SEP-2007 22:13:13	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28798	No
222	GOM_NL__2PRFIN20070902_221801_000000392061_00187_28798_2720.N1	02-SEP-2007 22:18:01	Bright	39.000	142	49Del Cap	2.8500	8900.0	78	28798	No
223	GOM_NL__2PRFIN20070902_222108_000000382061_00187_28798_2721.N1	02-SEP-2007 22:21:08	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28798	No
224	GOM_NL__2PRFIN20070902_222234_000000392061_00187_28798_2722.N1	02-SEP-2007 22:22:34	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28798	No
225	GOM_NL__2PRFIN20070902_222533_000000382061_00187_28798_2723.N1	02-SEP-2007 22:25:33	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28798	No
226	GOM_NL__2PRFIN20070902_224032_000000362061_00187_28798_2724.N1	02-SEP-2007 22:40:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28798	No
227	GOM_NL__2PRFIN20070902_224813_000000372061_00187_28798_2725.N1	02-SEP-2007 22:48:13	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28798	No
228	GOM_NL__2PRFIN20070902_230513_000000362061_00187_28798_2726.N1	02-SEP-2007 23:05:13	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28798	No
229	GOM_NL__2PRFIN20070902_231300_000000552061_00187_28798_2727.N1	02-SEP-2007 23:13:00	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	28798	No
230	GOM_NL__2PRFIN20070902_232046_000000472061_00187_28798_2728.N1	02-SEP-2007 23:20:46	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28798	No
231	GOM_NL__2PRFIN20070902_232329_000000432061_00187_28798_2729.N1	02-SEP-2007 23:23:29	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28798	No
232	GOM_NL__2PRFIN20070902_233012_000000542061_00187_28798_2730.N1	02-SEP-2007 23:30:12	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28798	No
233	GOM_NL__2PRFIN20070902_234033_000000402061_00188_28799_2730.N1	02-SEP-2007 23:40:33	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28799	No
234	GOM_NL__2PRFIN20070902_234151_000000452061_00188_28799_2731.N1	02-SEP-2007 23:41:51	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28799	No
235	GOM_NL__2PRFIN20070902_234912_000000462061_00188_28799_2732.N1	02-SEP-2007 23:49:12	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	28799	No
236	GOM_NL__2PRFIN20070902_235349_000000442061_00188_28799_2733.N1	02-SEP-2007 23:53:49	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28799	No
237	GOM_NL__2PRFIN20070902_235836_000000452061_00188_28799_2734.N1	02-SEP-2007 23:58:36	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	28799	No

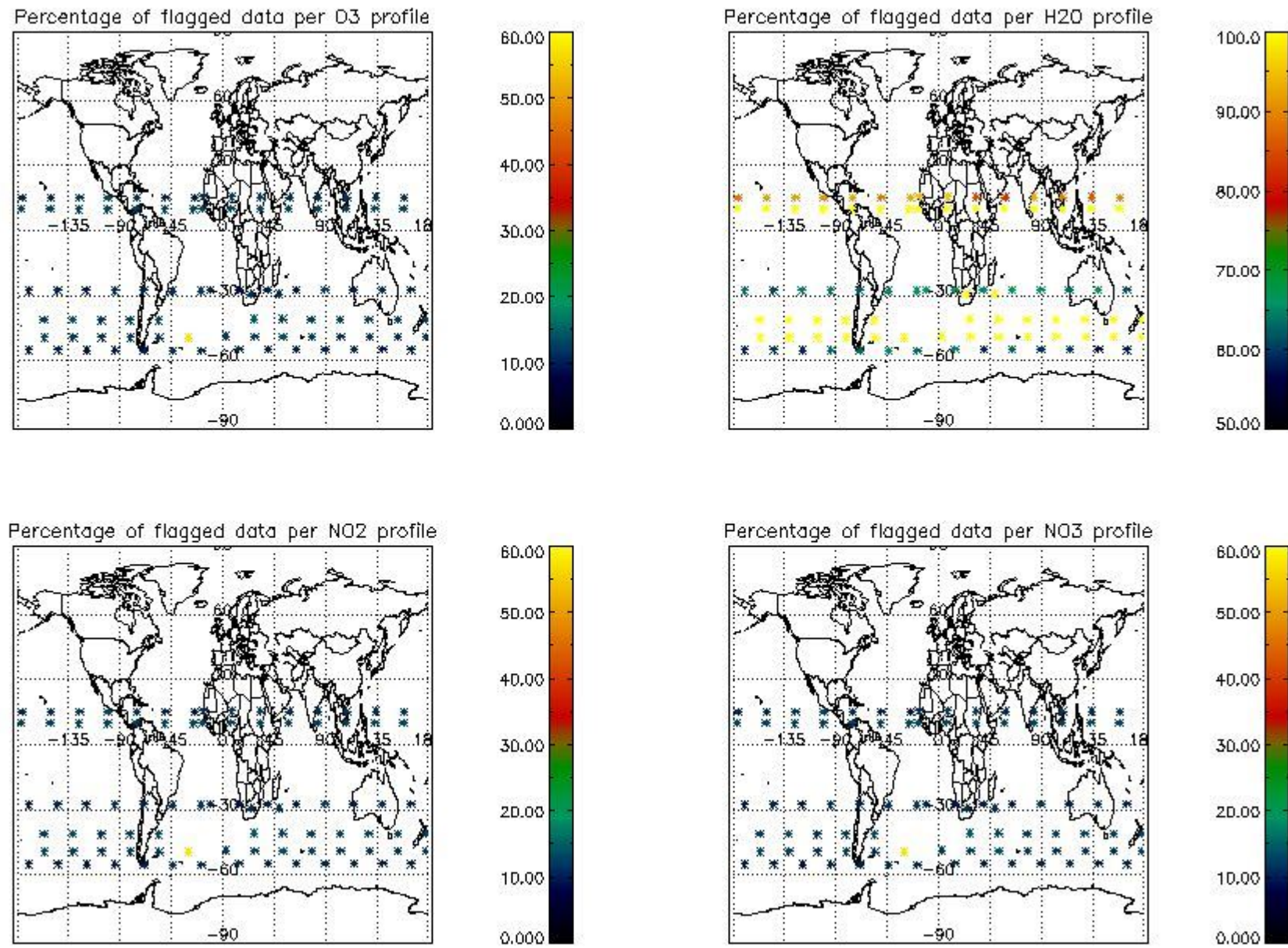
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

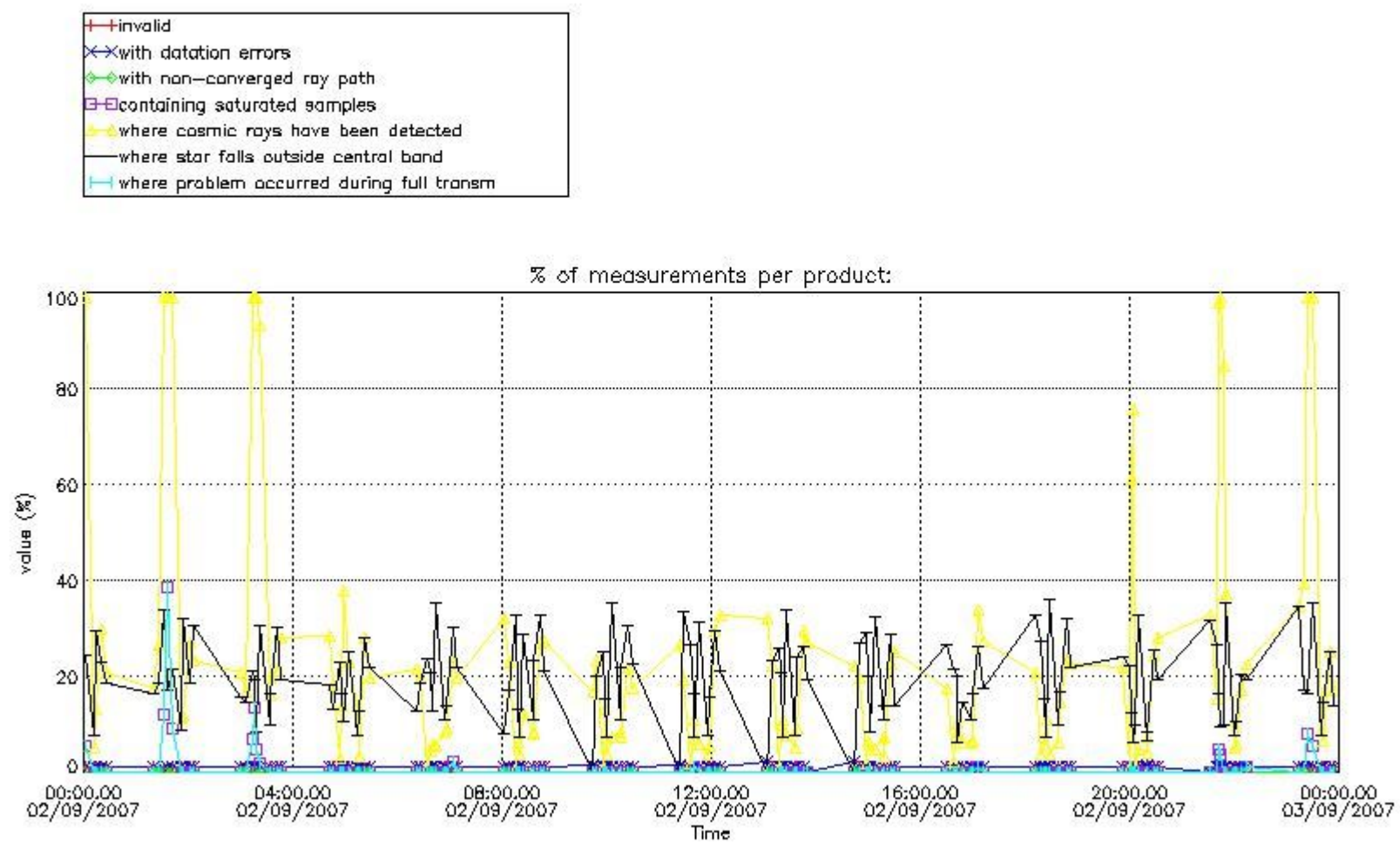


4. Level 1 quality information per product

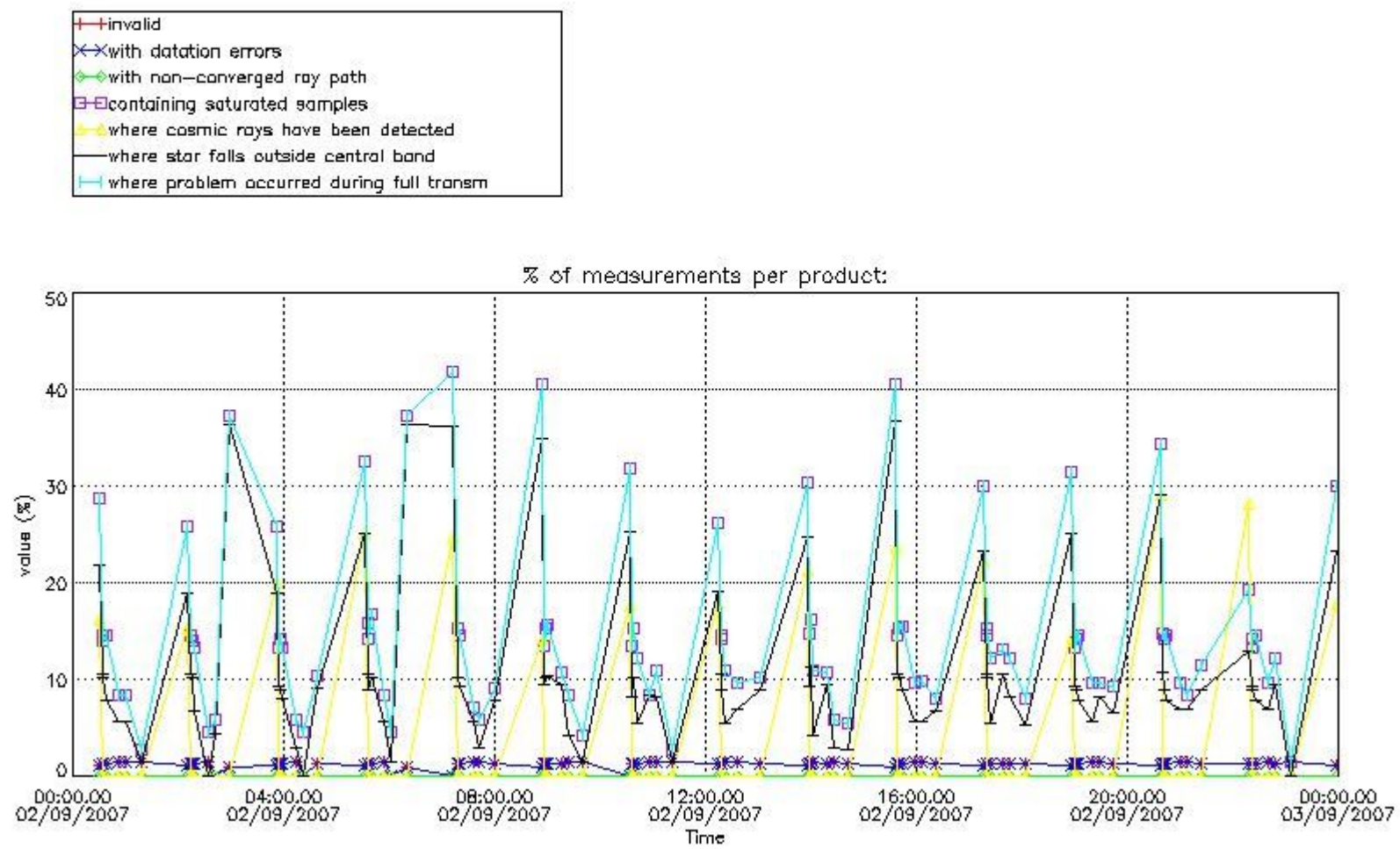
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



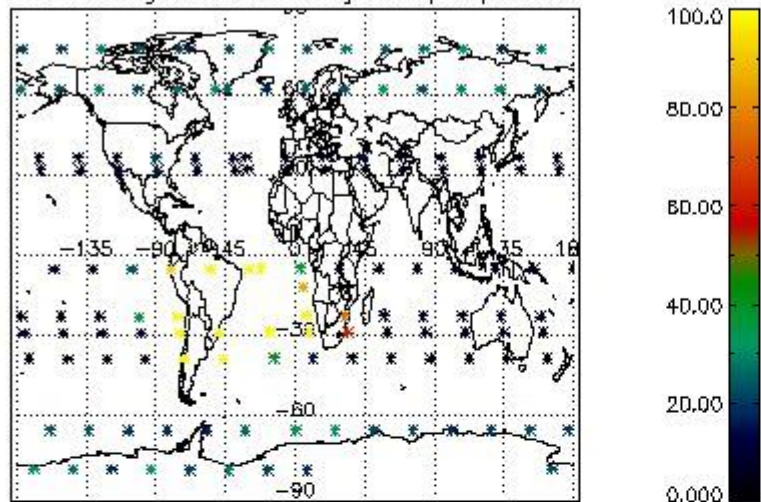
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



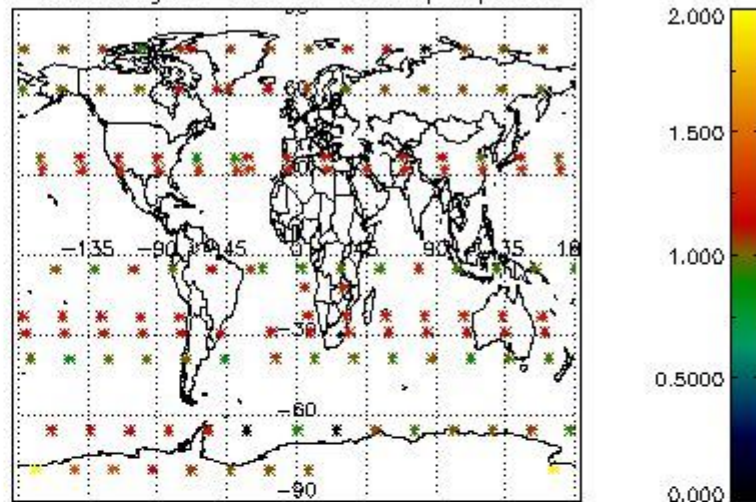
4.2 Plot quality information per product coming from level 1b processing (world map)

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

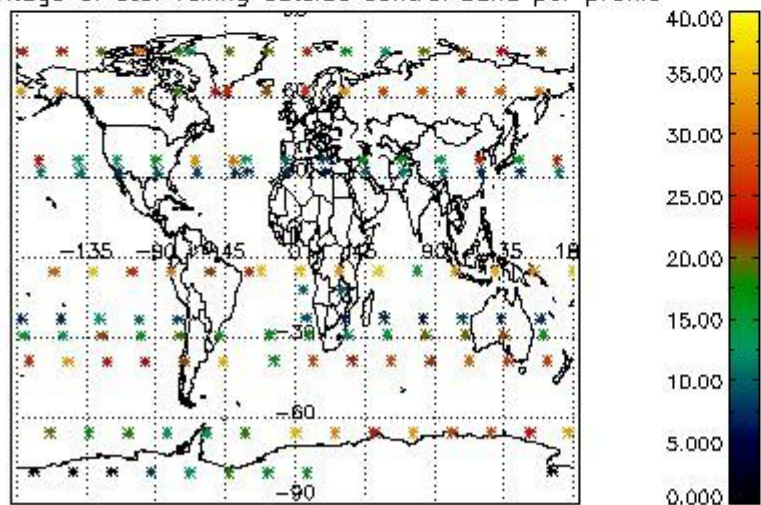
Percentage of cosmic ray hits per profile



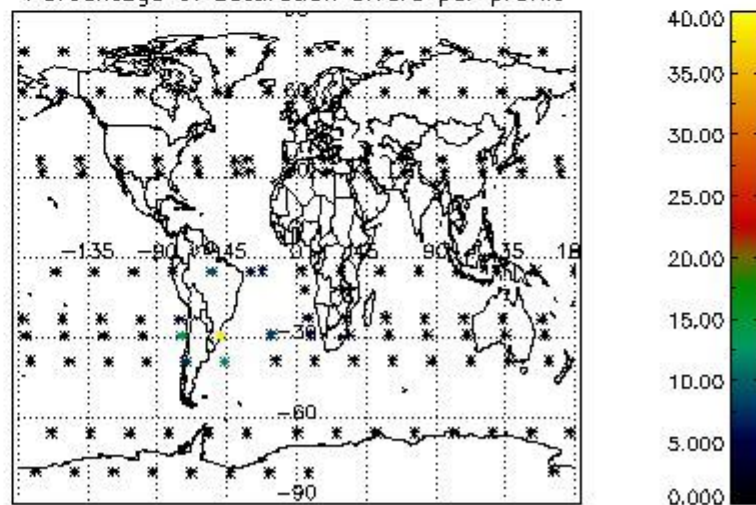
Percentage of datation errors per profile



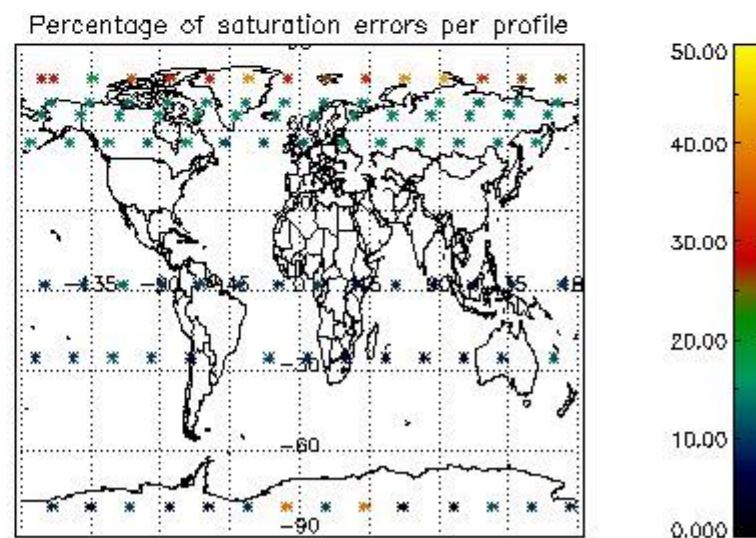
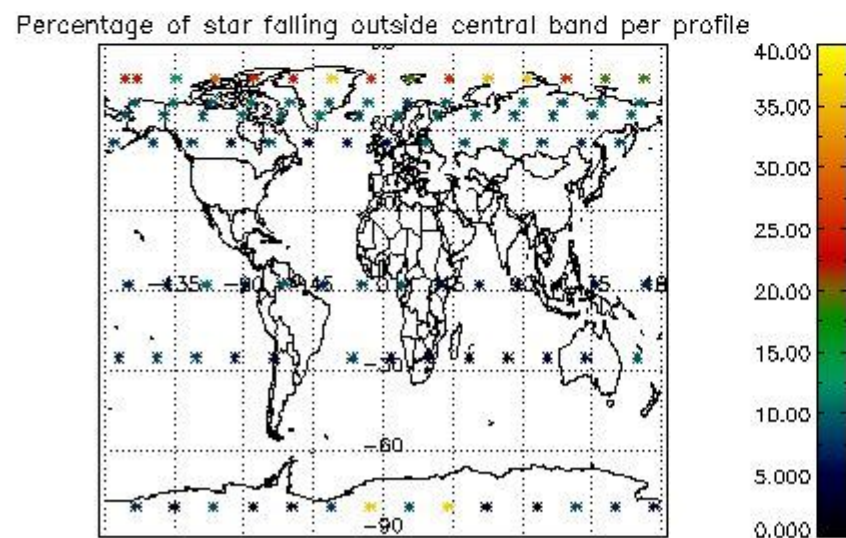
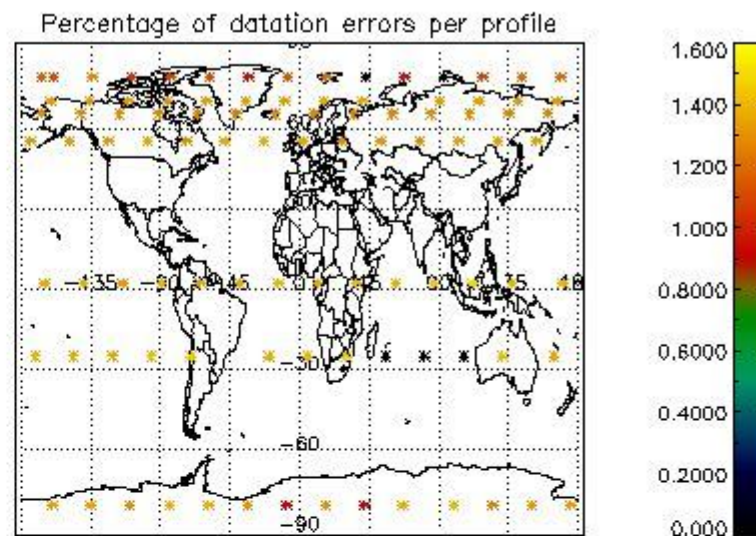
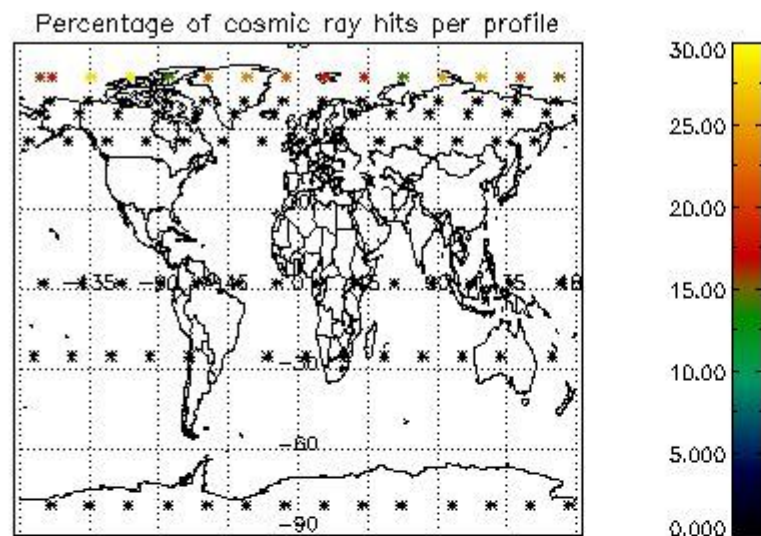
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

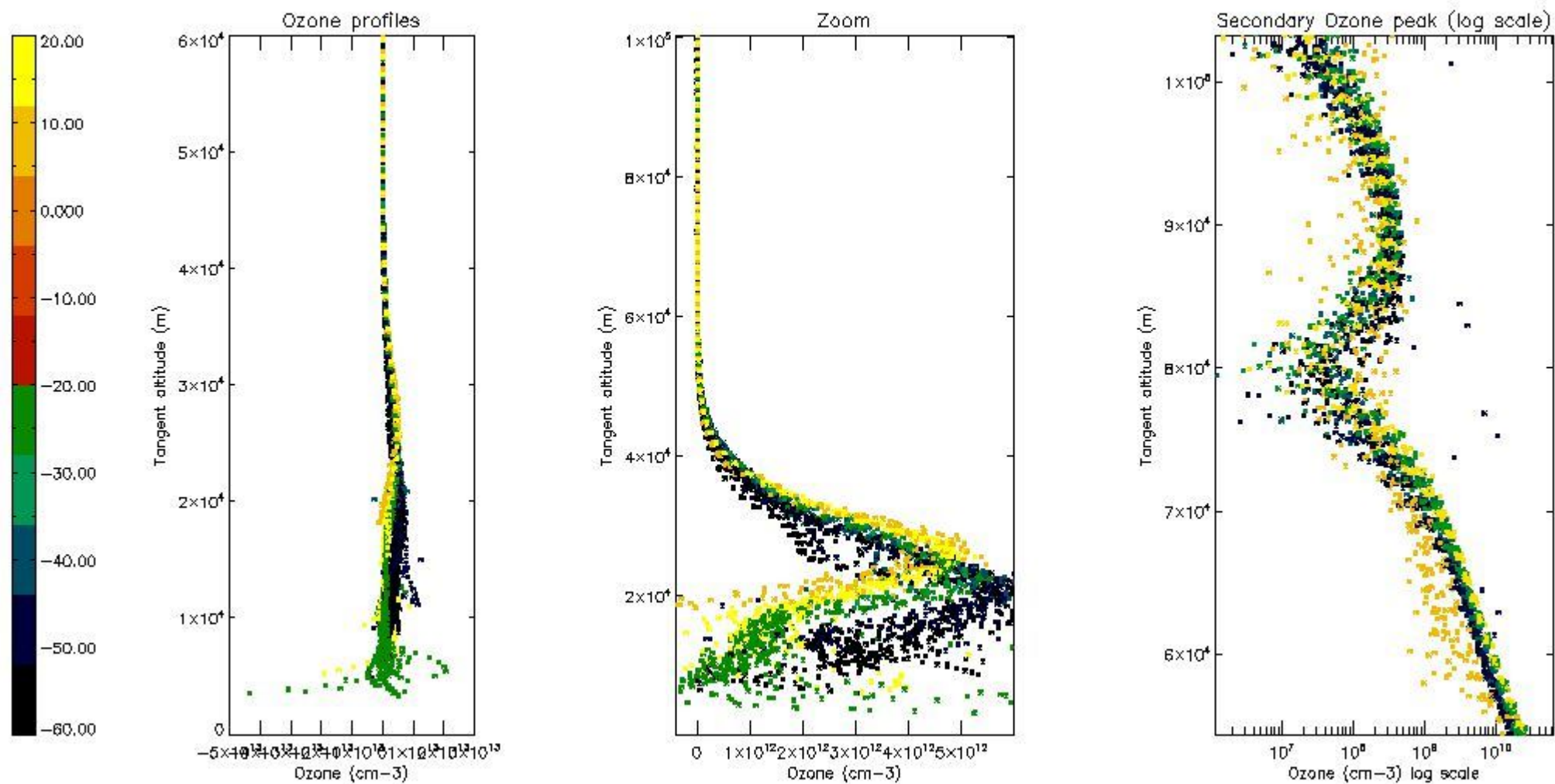
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	27

STD < 10	23
STD < 5	17

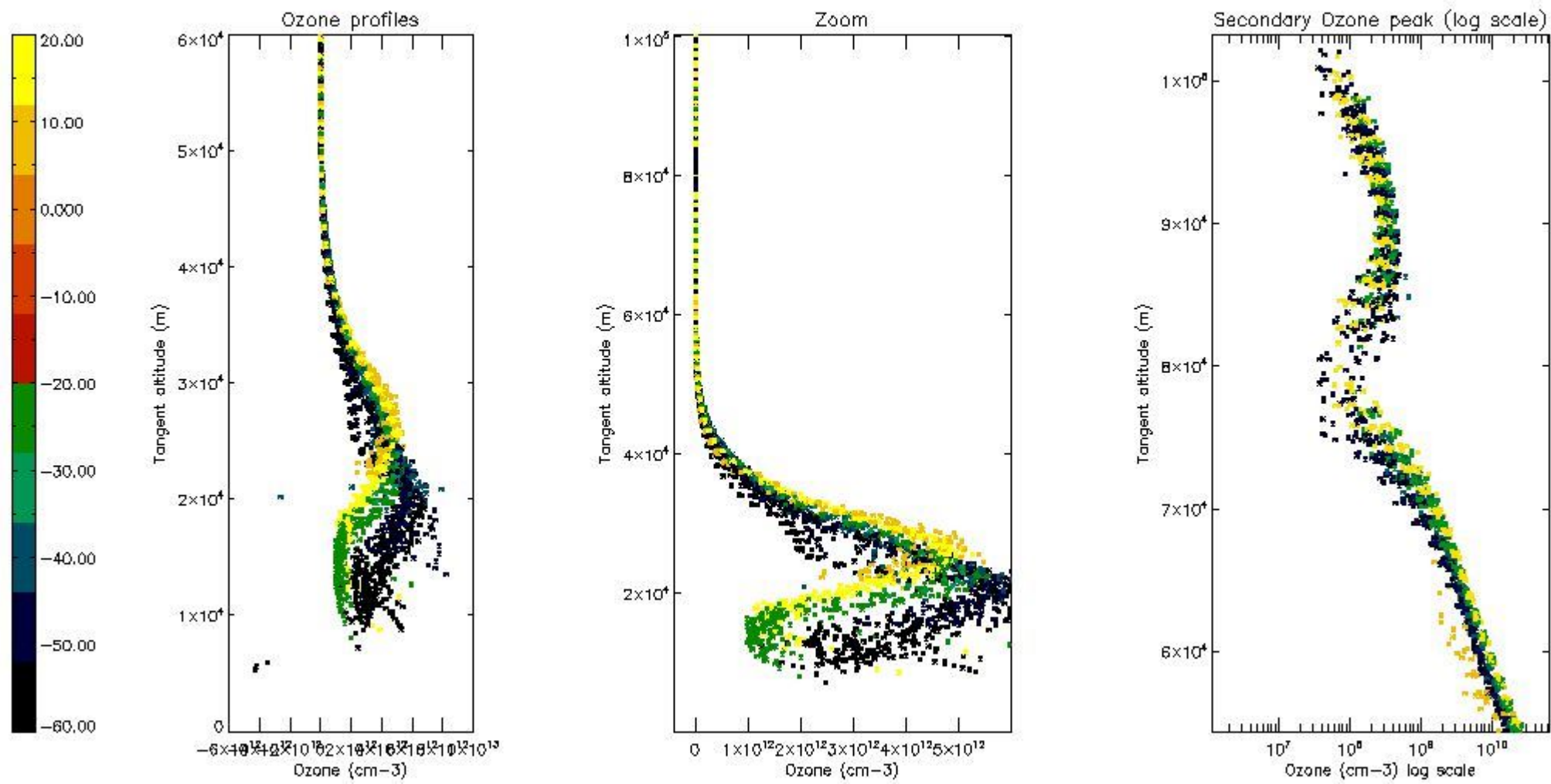
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



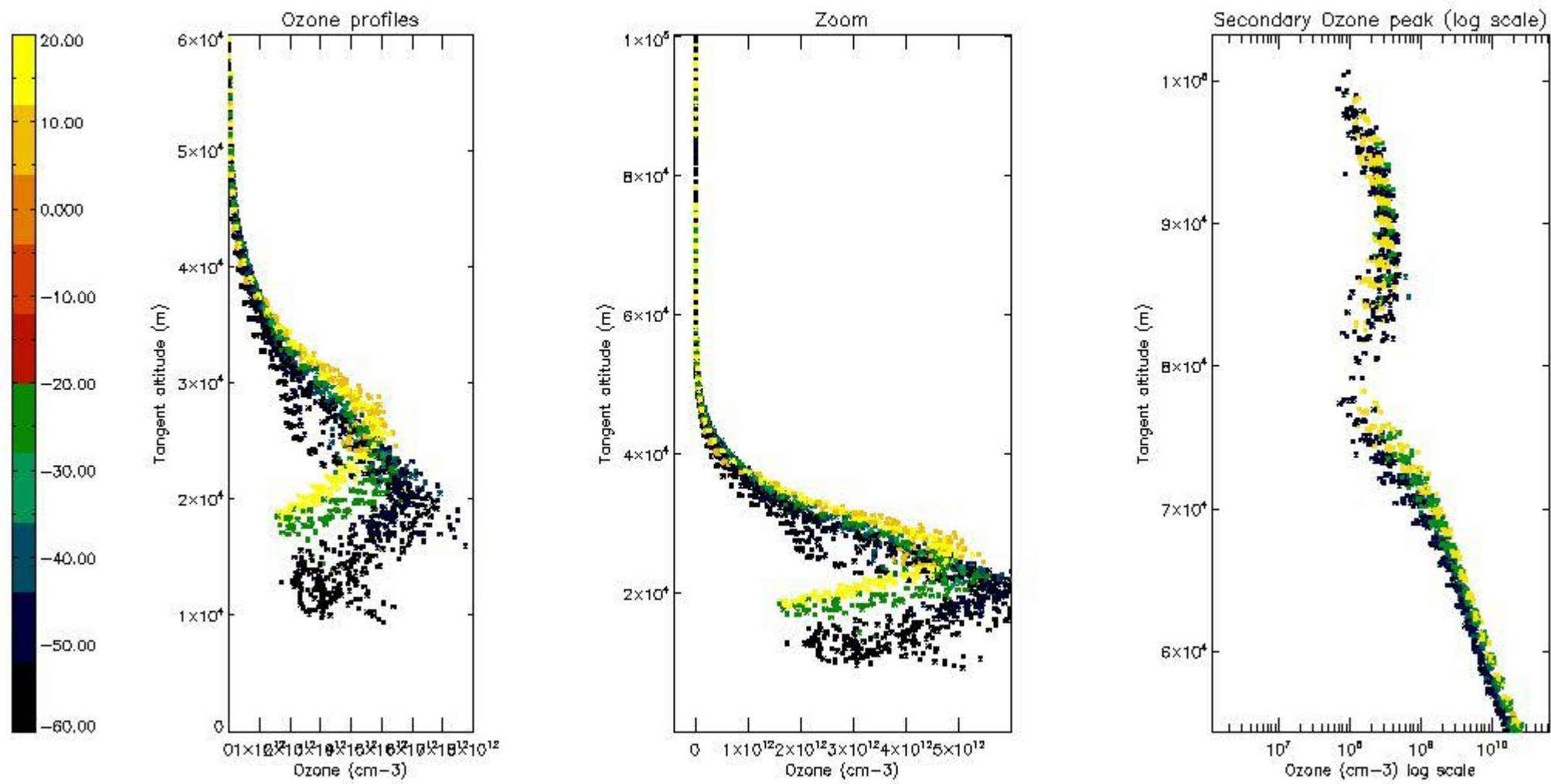
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



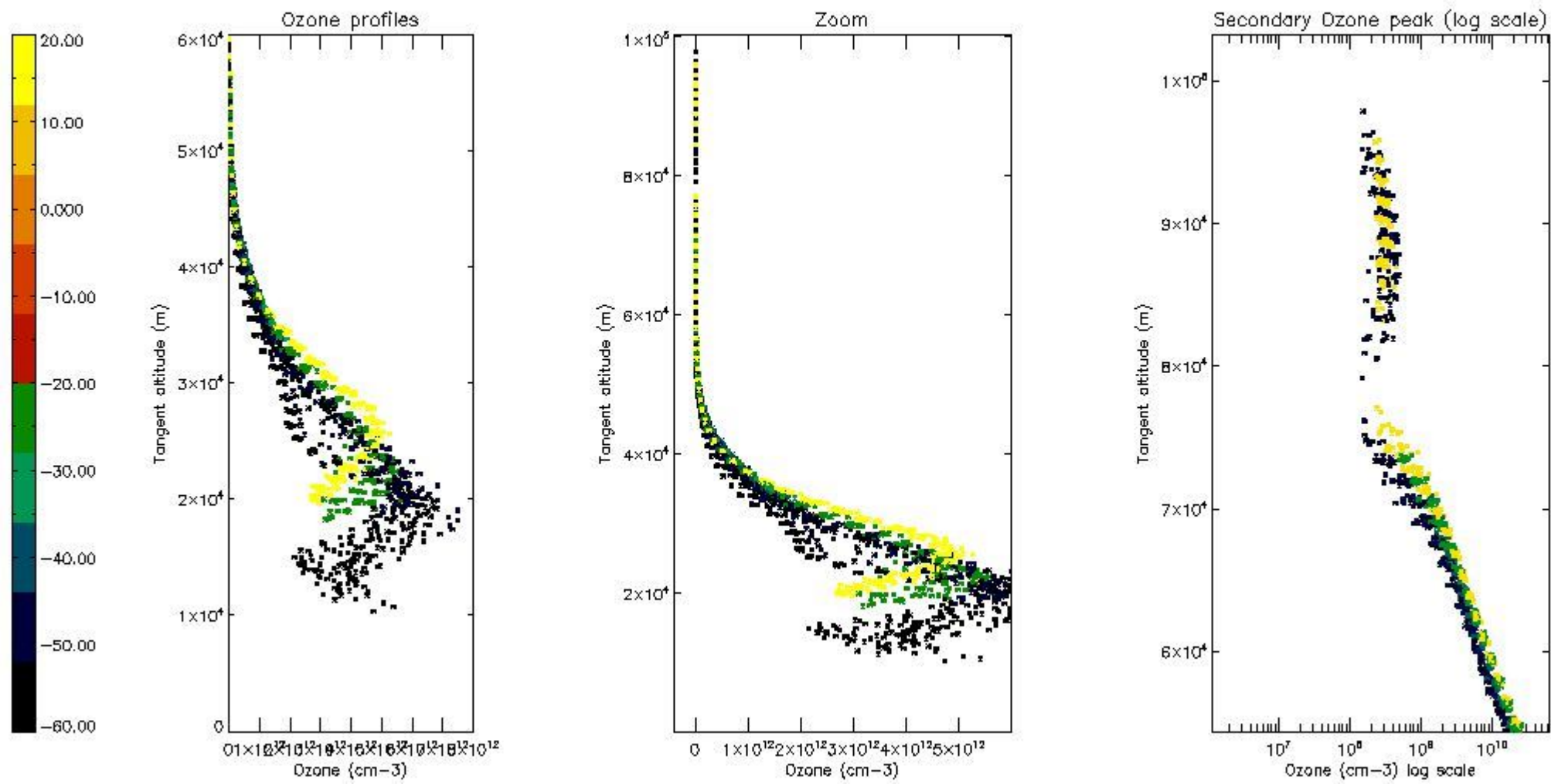
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



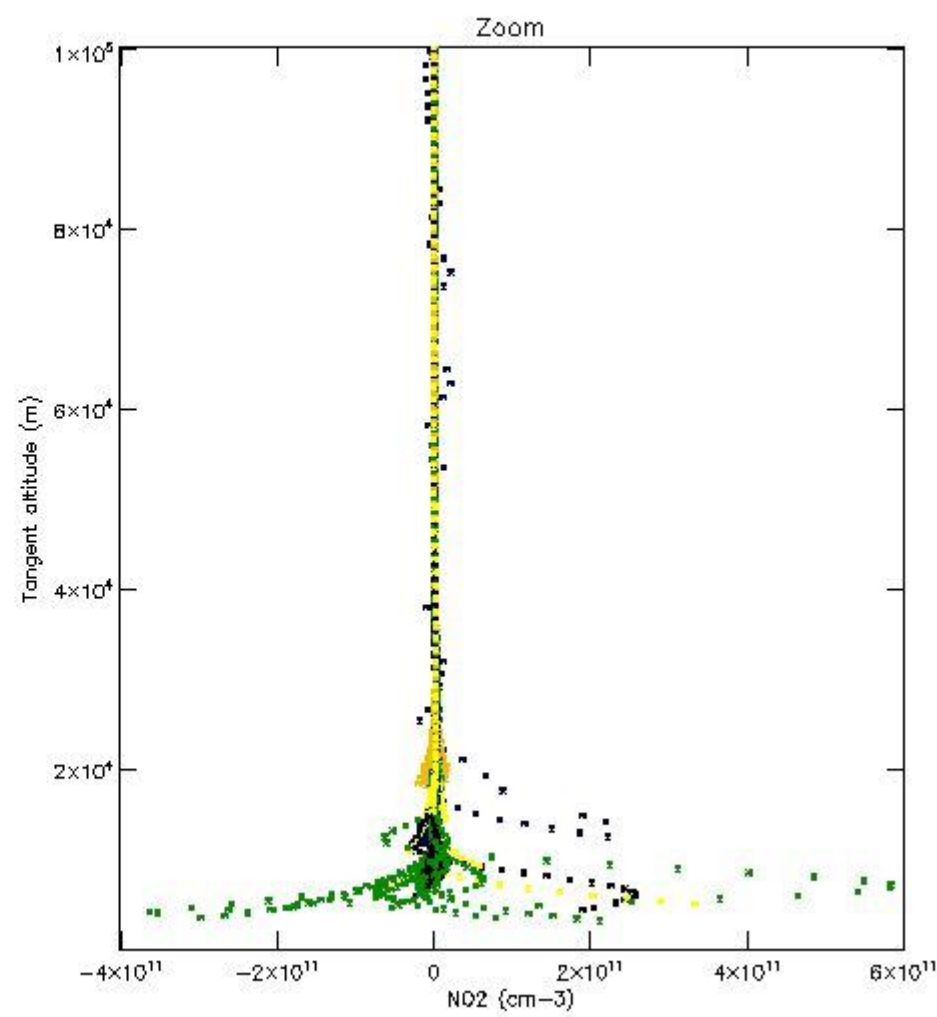
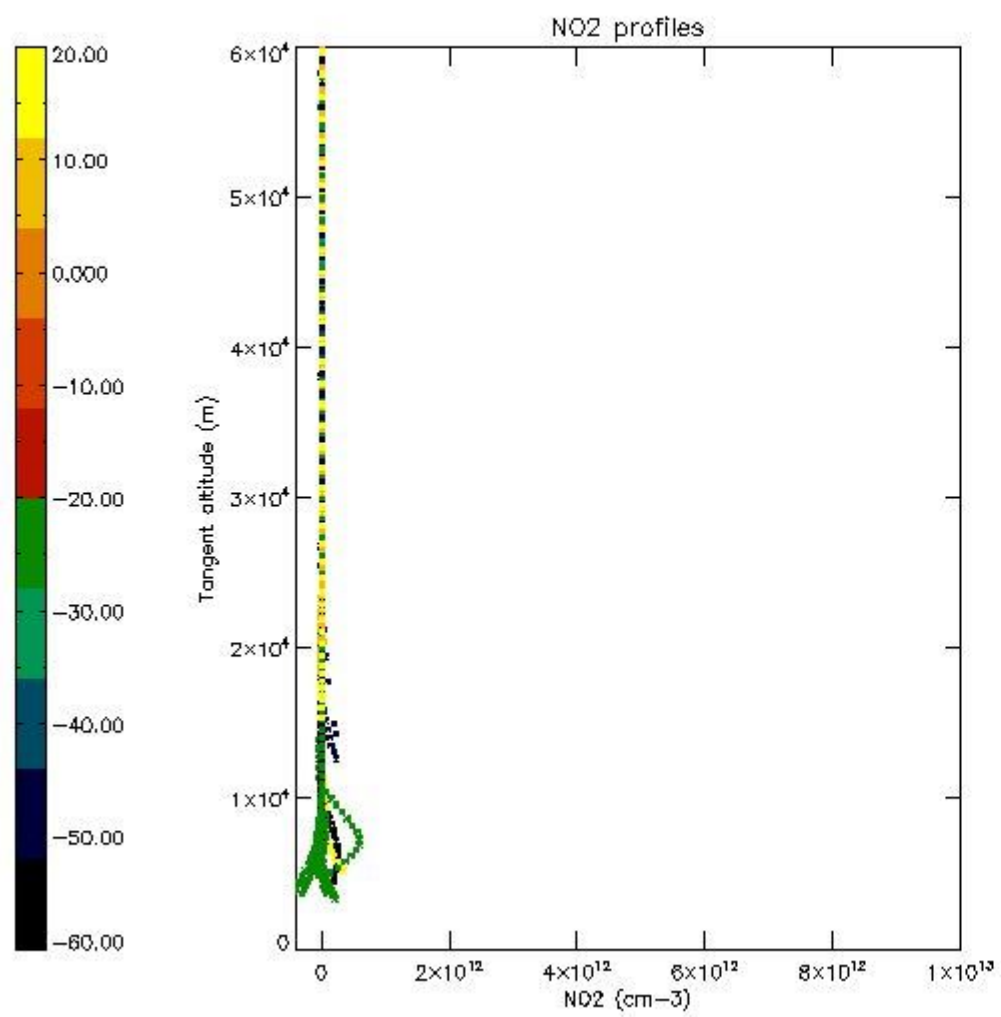
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



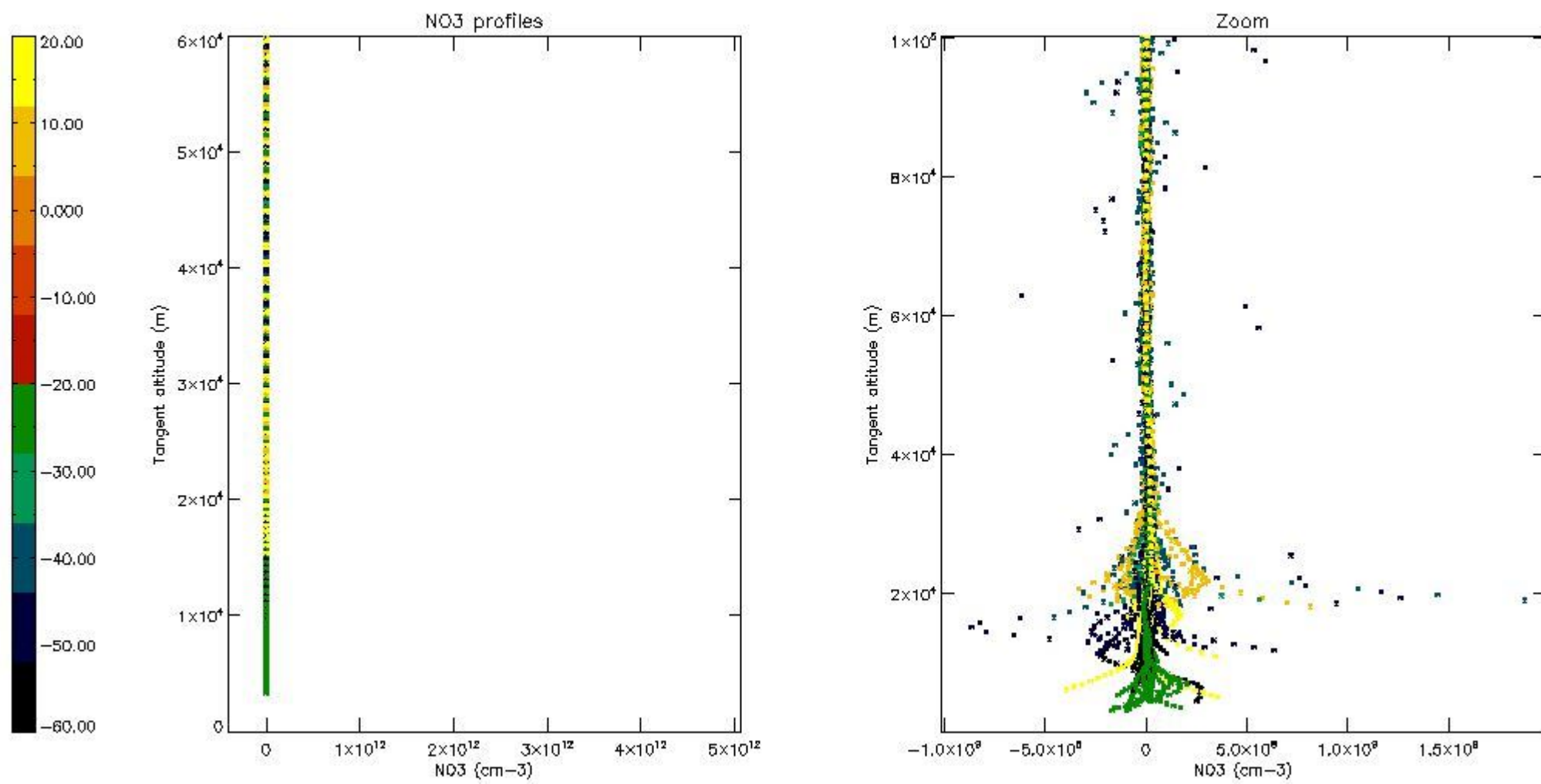
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



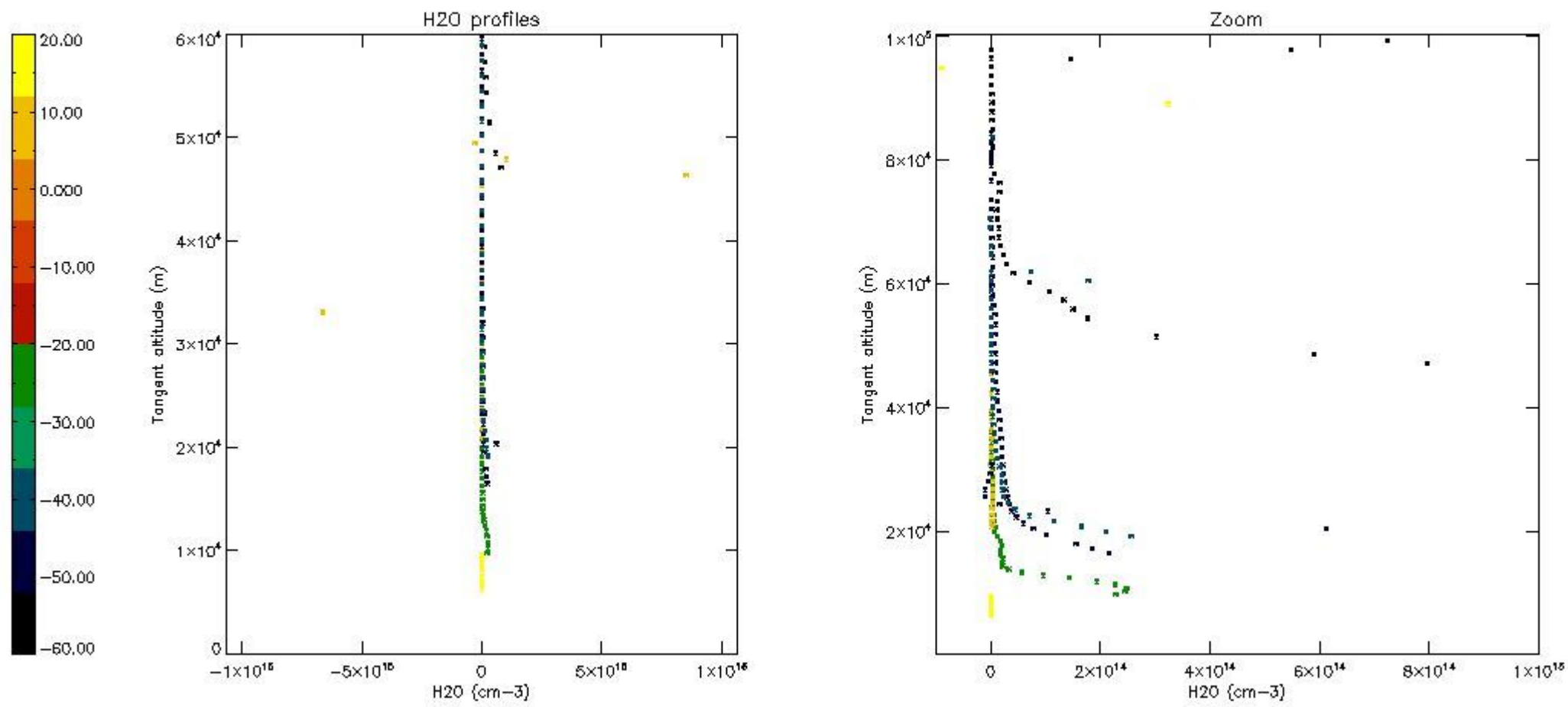
5.7 Plot NO3 profiles for all STD (dark without errors)

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	02-SEP-2007 00:01:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-SEP-2007 00:01:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-SEP-2007 00:01:43

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	23APR2013 03:11:09
Data source version	GOMOS/6.01
Start time of products	02-09-2007 (02SEP2007 00:00:00)
Stop time of products	03-09-2007 (03SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
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__2PRFIN20070902_000143_000000472061_00173_28784_2513.N1	02-SEP-2007 00:01:43	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	28784	No
2	GOM_NL__2PRFIN20070902_001203_000000402061_00174_28785_2511.N1	02-SEP-2007 00:12:03	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28785	No
3	GOM_NL__2PRFIN20070902_001320_000000542061_00174_28785_2512.N1	02-SEP-2007 00:13:20	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28785	No
4	GOM_NL__2PRFIN20070902_002044_000000462061_00174_28785_2513.N1	02-SEP-2007 00:20:44	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	28785	No
5	GOM_NL__2PRFIN20070902_002523_000000462061_00174_28785_2514.N1	02-SEP-2007 00:25:23	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28785	No
6	GOM_NL__2PRFIN20070902_003012_000000442061_00174_28785_2515.N1	02-SEP-2007 00:30:12	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28785	No
7	GOM_NL__2PRFIN20070902_003319_000000382061_00174_28785_2516.N1	02-SEP-2007 00:33:19	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28785	No
8	GOM_NL__2PRFIN20070902_003446_000000402061_00174_28785_2517.N1	02-SEP-2007 00:34:46	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28785	No
9	GOM_NL__2PRFIN20070902_003746_000000382061_00174_28785_2518.N1	02-SEP-2007 00:37:46	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28785	No
10	GOM_NL__2PRFIN20070902_005246_000000362061_00174_28785_2519.N1	02-SEP-2007 00:52:46	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28785	No
11	GOM_NL__2PRFIN20070902_010026_000000362061_00174_28785_2520.N1	02-SEP-2007 01:00:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28785	No
12	GOM_NL__2PRFIN20070902_011725_000000362061_00174_28785_2521.N1	02-SEP-2007 01:17:25	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28785	No
13	GOM_NL__2PRFIN20070902_012005_000000492061_00174_28785_2522.N1	02-SEP-2007 01:20:05	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	28785	No
14	GOM_NL__2PRFIN20070902_012508_000000442061_00174_28785_2523.N1	02-SEP-2007 01:25:08	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	28785	No
15	GOM_NL__2PRFIN20070902_013250_000000592061_00174_28785_2524.N1	02-SEP-2007 01:32:50	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	28785	No
16	GOM_NL__2PRFIN20070902_013535_000000442061_00174_28785_2525.N1	02-SEP-2007 01:35:35	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28785	No
17	GOM_NL__2PRFIN20070902_014219_000000452061_00174_28785_2526.N1	02-SEP-2007 01:42:19	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28785	No
18	GOM_NL__2PRFIN20070902_015239_000000402061_00175_28786_2521.N1	02-SEP-2007 01:52:39	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28786	No
19	GOM_NL__2PRFIN20070902_015357_000000562061_00175_28786_2522.N1	02-SEP-2007 01:53:57	Dark	56.000	9	Alp Eri	0.45300	24000.	112	28786	No
20	GOM_NL__2PRFIN20070902_020121_000000432061_00175_28786_2523.N1	02-SEP-2007 02:01:21	Straylight	43.000	63	Bet Gru	2.1500	2800.0	86	28786	No
21	GOM_NL__2PRFIN20070902_020559_000000542061_00175_28786_2524.N1	02-SEP-2007 02:05:59	Straylight	54.000	18	24Alp PsA	1.1660	9700.0	108	28786	No
22	GOM_NL__2PRFIN20070902_021048_000000432061_00175_28786_2525.N1	02-SEP-2007 02:10:48	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	28786	No
23	GOM_NL__2PRFIN20070902_021355_000000382061_00175_28786_2526.N1	02-SEP-2007 02:13:55	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28786	No
24	GOM_NL__2PRFIN20070902_021522_000000402061_00175_28786_2527.N1	02-SEP-2007 02:15:22	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28786	No
25	GOM_NL__2PRFIN20070902_021822_000000382061_00175_28786_2528.N1	02-SEP-2007 02:18:22	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28786	No
26	GOM_NL__2PRFIN20070902_023322_000000342061_00175_28786_2529.N1	02-SEP-2007 02:33:22	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28786	No
27	GOM_NL__2PRFIN20070902_024102_000000342061_00175_28786_2530.N1	02-SEP-2007 02:41:02	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28786	No
28	GOM_NL__2PRFIN20070902_025801_000000552061_00175_28786_2531.N1	02-SEP-2007 02:58:01	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	28786	No
29	GOM_NL__2PRFIN20070902_030041_000000482061_00175_28786_2532.N1	02-SEP-2007 03:00:41	Bright	48.000	170	27Eps Gem	3.0000	9700.0	96	28786	No
30	GOM_NL__2PRFIN20070902_030545_000000422061_00175_28786_2533.N1	02-SEP-2007 03:05:45	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	28786	No
31	GOM_NL__2PRFIN20070902_031327_000000502061_00175_28786_2534.N1	02-SEP-2007 03:13:27	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28786	No
32	GOM_NL__2PRFIN20070902_031612_000000452061_00175_28786_2535.N1	02-SEP-2007 03:16:12	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28786	No
33	GOM_NL__2PRFIN20070902_031754_000000422061_00175_28786_2536.N1	02-SEP-2007 03:17:54	Dark	42.000	177	1Zet CMa	3.0220	26000.	84	28786	No
34	GOM_NL__2PRFIN20070902_032256_000000512061_00175_28786_2537.N1	02-SEP-2007 03:22:56	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	28786	No
35	GOM_NL__2PRFIN20070902_033316_000000412061_00176_28787_2542.N1	02-SEP-2007 03:33:16	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28787	No
36	GOM_NL__2PRFIN20070902_033433_000000462061_00176_28787_2543.N1	02-SEP-2007 03:34:33	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28787	No
37	GOM_NL__2PRFIN20070902_034157_000000502061_00176_28787_2544.N1	02-SEP-2007 03:41:57	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	28787	No
38	GOM_NL__2PRFIN20070902_034635_000000472061_00176_28787_2545.N1	02-SEP-2007 03:46:35	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28787	No
39	GOM_NL__2PRFIN20070902_035124_000000432061_00176_28787_2546.N1	02-SEP-2007 03:51:24	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	28787	No
40	GOM_NL__2PRFIN20070902_035431_000000382061_00176_28787_2547.N1	02-SEP-2007 03:54:31	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28787	No
41	GOM_NL__2PRFIN20070902_035559_000000392061_00176_28787_2548.N1	02-SEP-2007 03:55:59	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28787	No
42	GOM_NL__2PRFIN20070902_035858_000000382061_00176_28787_2549.N1	02-SEP-2007 03:58:58	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28787	No

43	GOM_NL__2PRFIN20070902_041358_000000352061_00176_28787_2550.N1	02-SEP-2007 04:13:58	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28787	No
44	GOM_NL__2PRFIN20070902_042138_000000332061_00176_28787_2551.N1	02-SEP-2007 04:21:38	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28787	No
45	GOM_NL__2PRFIN20070902_043837_000000392061_00176_28787_2552.N1	02-SEP-2007 04:38:37	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	28787	No
46	GOM_NL__2PRFIN20070902_044118_000000502061_00176_28787_2553.N1	02-SEP-2007 04:41:18	Bright	49.500	170	27Eps Gem	3.0000	9700.0	99	28787	No
47	GOM_NL__2PRFIN20070902_044621_000000422061_00176_28787_2554.N1	02-SEP-2007 04:46:21	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	28787	No
48	GOM_NL__2PRFIN20070902_045404_000000512061_00176_28787_2555.N1	02-SEP-2007 04:54:04	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	28787	No
49	GOM_NL__2PRFIN20070902_045648_000000432061_00176_28787_2556.N1	02-SEP-2007 04:56:48	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28787	No
50	GOM_NL__2PRFIN20070902_045831_000000432061_00176_28787_2557.N1	02-SEP-2007 04:58:31	Dark	42.500	177	1Zet CMa	3.0220	26000.	85	28787	No
51	GOM_NL__2PRFIN20070902_050332_000000462061_00176_28787_2558.N1	02-SEP-2007 05:03:32	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	28787	No
52	GOM_NL__2PRFIN20070902_051352_000000402061_00177_28788_2554.N1	02-SEP-2007 05:13:52	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28788	No
53	GOM_NL__2PRFIN20070902_051510_000000442061_00177_28788_2555.N1	02-SEP-2007 05:15:10	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28788	No
54	GOM_NL__2PRFIN20070902_052233_000000492061_00177_28788_2556.N1	02-SEP-2007 05:22:33	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	28788	No
55	GOM_NL__2PRFIN20070902_052711_000000482061_00177_28788_2557.N1	02-SEP-2007 05:27:11	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	28788	No
56	GOM_NL__2PRFIN20070902_053200_000000462061_00177_28788_2558.N1	02-SEP-2007 05:32:00	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28788	No
57	GOM_NL__2PRFIN20070902_053508_000000382061_00177_28788_2559.N1	02-SEP-2007 05:35:08	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28788	No
58	GOM_NL__2PRFIN20070902_053634_000000392061_00177_28788_2560.N1	02-SEP-2007 05:36:34	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28788	No
59	GOM_NL__2PRFIN20070902_053934_000000392061_00177_28788_2561.N1	02-SEP-2007 05:39:34	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28788	No
60	GOM_NL__2PRFIN20070902_055434_000000362061_00177_28788_2562.N1	02-SEP-2007 05:54:34	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28788	No
61	GOM_NL__2PRFIN20070902_060214_000000332061_00177_28788_2563.N1	02-SEP-2007 06:02:14	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28788	No
62	GOM_NL__2PRFIN20070902_061913_000000552061_00177_28788_2564.N1	02-SEP-2007 06:19:13	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	28788	No
63	GOM_NL__2PRFIN20070902_062154_000000472061_00177_28788_2565.N1	02-SEP-2007 06:21:54	Bright	47.000	170	27Eps Gem	3.0000	9700.0	94	28788	No
64	GOM_NL__2PRFIN20070902_062657_000000442061_00177_28788_2566.N1	02-SEP-2007 06:26:57	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	28788	No
65	GOM_NL__2PRFIN20070902_063440_000000512061_00177_28788_2567.N1	02-SEP-2007 06:34:40	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28788	No
66	GOM_NL__2PRFIN20070902_063725_000000462061_00177_28788_2568.N1	02-SEP-2007 06:37:25	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28788	No
67	GOM_NL__2PRFIN20070902_063908_000000442061_00177_28788_2569.N1	02-SEP-2007 06:39:08	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	28788	No
68	GOM_NL__2PRFIN20070902_064409_000000542061_00177_28788_2570.N1	02-SEP-2007 06:44:09	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28788	No
69	GOM_NL__2PRFIN20070902_065429_000000412061_00178_28789_2568.N1	02-SEP-2007 06:54:29	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28789	No
70	GOM_NL__2PRFIN20070902_065546_000000442061_00178_28789_2569.N1	02-SEP-2007 06:55:46	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28789	No
71	GOM_NL__2PRFIN20070902_070309_000000502061_00178_28789_2570.N1	02-SEP-2007 07:03:09	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	28789	No
72	GOM_NL__2PRFIN20070902_070748_000000492061_00178_28789_2571.N1	02-SEP-2007 07:07:48	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28789	No
73	GOM_NL__2PRFIN20070902_071236_000000532061_00178_28789_2572.N1	02-SEP-2007 07:12:36	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	28789	No
74	GOM_NL__2PRFIN20070902_071711_000000402061_00178_28789_2573.N1	02-SEP-2007 07:17:11	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28789	No
75	GOM_NL__2PRFIN20070902_072010_000000382061_00178_28789_2574.N1	02-SEP-2007 07:20:10	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28789	No
76	GOM_NL__2PRFIN20070902_073510_000000362061_00178_28789_2575.N1	02-SEP-2007 07:35:10	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28789	No
77	GOM_NL__2PRFIN20070902_074249_000000342061_00178_28789_2576.N1	02-SEP-2007 07:42:49	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28789	No
78	GOM_NL__2PRFIN20070902_075949_000000392061_00178_28789_2577.N1	02-SEP-2007 07:59:49	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	28789	No
79	GOM_NL__2PRFIN20070902_080230_000000442061_00178_28789_2578.N1	02-SEP-2007 08:02:30	Bright	44.000	170	27Eps Gem	3.0000	9700.0	88	28789	No
80	GOM_NL__2PRFIN20070902_080734_000000442061_00178_28789_2579.N1	02-SEP-2007 08:07:34	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	28789	No
81	GOM_NL__2PRFIN20070902_081517_000000572061_00178_28789_2580.N1	02-SEP-2007 08:15:17	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28789	No
82	GOM_NL__2PRFIN20070902_081801_000000422061_00178_28789_2581.N1	02-SEP-2007 08:18:01	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28789	No
83	GOM_NL__2PRFIN20070902_081944_000000412061_00178_28789_2582.N1	02-SEP-2007 08:19:44	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28789	No
84	GOM_NL__2PRFIN20070902_082445_000000492061_00178_28789_2583.N1	02-SEP-2007 08:24:45	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	28789	No
85	GOM_NL__2PRFIN20070902_083505_000000412061_00179_28790_2579.N1	02-SEP-2007 08:35:05	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28790	No
86	GOM_NL__2PRFIN20070902_083623_000000502061_00179_28790_2580.N1	02-SEP-2007 08:36:23	Dark	49.500	9	Alp Eri	0.45300	24000.	99	28790	No
87	GOM_NL__2PRFIN20070902_084346_000000522061_00179_28790_2581.N1	02-SEP-2007 08:43:46	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	28790	No
88	GOM_NL__2PRFIN20070902_084824_000000482061_00179_28790_2582.N1	02-SEP-2007 08:48:24	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	28790	No
89	GOM_NL__2PRFIN20070902_085312_000000532061_00179_28790_2583.N1	02-SEP-2007 08:53:12	Bright	53.000	142	49Del Cap	2.8500	8900.0	106	28790	No
90	GOM_NL__2PRFIN20070902_085620_000000372061_00179_28790_2584.N1	02-SEP-2007 08:56:20	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	28790	No
91	GOM_NL__2PRFIN20070902_085746_000000402061_00179_28790_2585.N1	02-SEP-2007 08:57:46	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28790	No
92	GOM_NL__2PRFIN20070902_090046_000000392061_00179_28790_2586.N1	02-SEP-2007 09:00:46	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28790	No
93	GOM_NL__2PRFIN20070902_091545_000000372061_00179_28790_2587.N1	02-SEP-2007 09:15:45	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28790	No
94	GOM_NL__2PRFIN20070902_092325_000000362061_00179_28790_2588.N1	02-SEP-2007 09:23:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28790	No
95	GOM_NL__2PRFIN20070902_094025_000000372061_00179_28790_2589.N1	02-SEP-2007 09:40:25	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	28790	No
96	GOM_NL__2PRFIN20070902_094306_000000362061_00179_28790_2590.N1	02-SEP-2007 09:43:06	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	28790	No
97	GOM_NL__2PRFIN20070902_094810_000000452061_00179_28790_2591.N1	02-SEP-2007 09:48:10	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	28790	No
98	GOM_NL__2PRFIN20070902_095553_000000522061_00179_28790_2592.N1	02-SEP-2007 09:55:53	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	28790	No
99	GOM_NL__2PRFIN20070902_095837_000000432061_00179_28790_2593.N1	02-SEP-2007 09:58:37	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28790	No
100	GOM_NL__2PRFIN20070902_100021_000000422061_00179_28790_2594.N1	02-SEP-2007 10:00:21	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	28790	No
101	GOM_NL__2PRFIN20070902_100521_000000542061_00179_28790_2595.N1	02-SEP-2007 10:05:21	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28790	No

102	GOM_NL__2PRFIN20070902_101542_000000412061_00180_28791_2591.N1	02-SEP-2007 10:15:42	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28791	No
103	GOM_NL__2PRFIN20070902_101659_000000492061_00180_28791_2592.N1	02-SEP-2007 10:16:59	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28791	No
104	GOM_NL__2PRFIN20070902_102422_000000512061_00180_28791_2593.N1	02-SEP-2007 10:24:22	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	28791	No
105	GOM_NL__2PRFIN20070902_102900_000000492061_00180_28791_2594.N1	02-SEP-2007 10:29:00	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28791	No
106	GOM_NL__2PRFIN20070902_103348_000000462061_00180_28791_2595.N1	02-SEP-2007 10:33:48	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	28791	No
107	GOM_NL__2PRFIN20070902_103656_000000372061_00180_28791_2596.N1	02-SEP-2007 10:36:56	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	28791	No
108	GOM_NL__2PRFIN20070902_103822_000000402061_00180_28791_2597.N1	02-SEP-2007 10:38:22	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28791	No
109	GOM_NL__2PRFIN20070902_104122_000000372061_00180_28791_2598.N1	02-SEP-2007 10:41:22	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28791	No
110	GOM_NL__2PRFIN20070902_105621_000000362061_00180_28791_2599.N1	02-SEP-2007 10:56:21	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28791	No
111	GOM_NL__2PRFIN20070902_110401_000000372061_00180_28791_2600.N1	02-SEP-2007 11:04:01	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28791	No
112	GOM_NL__2PRFIN20070902_112101_000000362061_00180_28791_2601.N1	02-SEP-2007 11:21:01	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28791	No
113	GOM_NL__2PRFIN20070902_112342_000000362061_00180_28791_2602.N1	02-SEP-2007 11:23:42	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	28791	No
114	GOM_NL__2PRFIN20070902_112846_000000542061_00180_28791_2603.N1	02-SEP-2007 11:28:46	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	28791	No
115	GOM_NL__2PRFIN20070902_113630_000000532061_00180_28791_2604.N1	02-SEP-2007 11:36:30	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28791	No
116	GOM_NL__2PRFIN20070902_113914_000000432061_00180_28791_2605.N1	02-SEP-2007 11:39:14	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28791	No
117	GOM_NL__2PRFIN20070902_114057_000000412061_00180_28791_2606.N1	02-SEP-2007 11:40:57	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28791	No
118	GOM_NL__2PRFIN20070902_114558_000000512061_00180_28791_2607.N1	02-SEP-2007 11:45:58	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	28791	No
119	GOM_NL__2PRFIN20070902_115618_000000402061_00181_28792_2632.N1	02-SEP-2007 11:56:18	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28792	No
120	GOM_NL__2PRFIN20070902_115736_000000452061_00181_28792_2633.N1	02-SEP-2007 11:57:36	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28792	No
121	GOM_NL__2PRFIN20070902_120458_000000502061_00181_28792_2634.N1	02-SEP-2007 12:04:58	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	28792	No
122	GOM_NL__2PRFIN20070902_120936_000000482061_00181_28792_2635.N1	02-SEP-2007 12:09:36	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	28792	No
123	GOM_NL__2PRFIN20070902_121424_000000422061_00181_28792_2636.N1	02-SEP-2007 12:14:24	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	28792	No
124	GOM_NL__2PRFIN20070902_121732_000000382061_00181_28792_2637.N1	02-SEP-2007 12:17:32	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28792	No
125	GOM_NL__2PRFIN20070902_121858_000000392061_00181_28792_2638.N1	02-SEP-2007 12:18:58	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28792	No
126	GOM_NL__2PRFIN20070902_122158_000000372061_00181_28792_2639.N1	02-SEP-2007 12:21:58	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28792	No
127	GOM_NL__2PRFIN20070902_123657_000000372061_00181_28792_2640.N1	02-SEP-2007 12:36:57	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28792	No
128	GOM_NL__2PRFIN20070902_130137_000000392061_00181_28792_2641.N1	02-SEP-2007 13:01:37	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	28792	No
129	GOM_NL__2PRFIN20070902_130418_000000252061_00181_28792_2642.N1	02-SEP-2007 13:04:18	Twilight_and_stray	25.000	170	27Eps Gem	3.0000	9700.0	50	28792	No
130	GOM_NL__2PRFIN20070902_130922_000000472061_00181_28792_2643.N1	02-SEP-2007 13:09:22	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28792	No
131	GOM_NL__2PRFIN20070902_131706_000000522061_00181_28792_2644.N1	02-SEP-2007 13:17:06	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28792	No
132	GOM_NL__2PRFIN20070902_131950_000000462061_00181_28792_2645.N1	02-SEP-2007 13:19:50	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28792	No
133	GOM_NL__2PRFIN20070902_132134_000000422061_00181_28792_2646.N1	02-SEP-2007 13:21:34	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	28792	No
134	GOM_NL__2PRFIN20070902_132634_000000532061_00181_28792_2647.N1	02-SEP-2007 13:26:34	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28792	No
135	GOM_NL__2PRFIN20070902_133654_000000402061_00182_28793_2644.N1	02-SEP-2007 13:36:54	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28793	No
136	GOM_NL__2PRFIN20070902_133812_000000502061_00182_28793_2645.N1	02-SEP-2007 13:38:12	Dark	50.000	9	Alp Eri	0.45300	24000.	100	28793	No
137	GOM_NL__2PRFIN20070902_134534_000000482061_00182_28793_2646.N1	02-SEP-2007 13:45:34	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	28793	No
138	GOM_NL__2PRFIN20070902_135012_000000472061_00182_28793_2647.N1	02-SEP-2007 13:50:12	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28793	No
139	GOM_NL__2PRFIN20070902_135500_000000452061_00182_28793_2648.N1	02-SEP-2007 13:55:00	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	28793	No
140	GOM_NL__2PRFIN20070902_135808_000000382061_00182_28793_2649.N1	02-SEP-2007 13:58:08	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28793	No
141	GOM_NL__2PRFIN20070902_135934_000000402061_00182_28793_2650.N1	02-SEP-2007 13:59:34	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	28793	No
142	GOM_NL__2PRFIN20070902_140233_000000372061_00182_28793_2651.N1	02-SEP-2007 14:02:33	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28793	No
143	GOM_NL__2PRFIN20070902_141733_000000372061_00182_28793_2652.N1	02-SEP-2007 14:17:33	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28793	No
144	GOM_NL__2PRFIN20070902_142513_000000352061_00182_28793_2653.N1	02-SEP-2007 14:25:13	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28793	No
145	GOM_NL__2PRFIN20070902_144213_000000372061_00182_28793_2654.N1	02-SEP-2007 14:42:13	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	28793	No
146	GOM_NL__2PRFIN20070902_144454_000000252061_00182_28793_2655.N1	02-SEP-2007 14:44:54	Twilight_and_stray	25.000	170	27Eps Gem	3.0000	9700.0	50	28793	No
147	GOM_NL__2PRFIN20070902_144958_000000492061_00182_28793_2656.N1	02-SEP-2007 14:49:58	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	28793	No
148	GOM_NL__2PRFIN20070902_145743_000000552061_00182_28793_2657.N1	02-SEP-2007 14:57:43	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28793	No
149	GOM_NL__2PRFIN20070902_150027_000000452061_00182_28793_2658.N1	02-SEP-2007 15:00:27	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28793	No
150	GOM_NL__2PRFIN20070902_150211_000000412061_00182_28793_2659.N1	02-SEP-2007 15:02:11	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28793	No
151	GOM_NL__2PRFIN20070902_150710_000000532061_00182_28793_2660.N1	02-SEP-2007 15:07:10	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	28793	No
152	GOM_NL__2PRFIN20070902_151731_000000412061_00183_28794_2658.N1	02-SEP-2007 15:17:31	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28794	No
153	GOM_NL__2PRFIN20070902_151849_000000442061_00183_28794_2659.N1	02-SEP-2007 15:18:49	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28794	No
154	GOM_NL__2PRFIN20070902_152610_000000492061_00183_28794_2660.N1	02-SEP-2007 15:26:10	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	28794	No
155	GOM_NL__2PRFIN20070902_153049_000000442061_00183_28794_2661.N1	02-SEP-2007 15:30:49	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28794	No
156	GOM_NL__2PRFIN20070902_153536_000000532061_00183_28794_2662.N1	02-SEP-2007 15:35:36	Bright	53.000	142	49Del Cap	2.8500	8900.0	106	28794	No
157	GOM_NL__2PRFIN20070902_153844_000000382061_00183_28794_2663.N1	02-SEP-2007 15:38:44	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28794	No
158	GOM_NL__2PRFIN20070902_154010_000000402061_00183_28794_2664.N1	02-SEP-2007 15:40:10	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28794	No
159	GOM_NL__2PRFIN20070902_154309_000000392061_00183_28794_2665.N1	02-SEP-2007 15:43:09	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28794	No
160	GOM_NL__2PRFIN20070902_155809_000000362061_00183_28794_2666.N1	02-SEP-2007 15:58:09	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28794	No

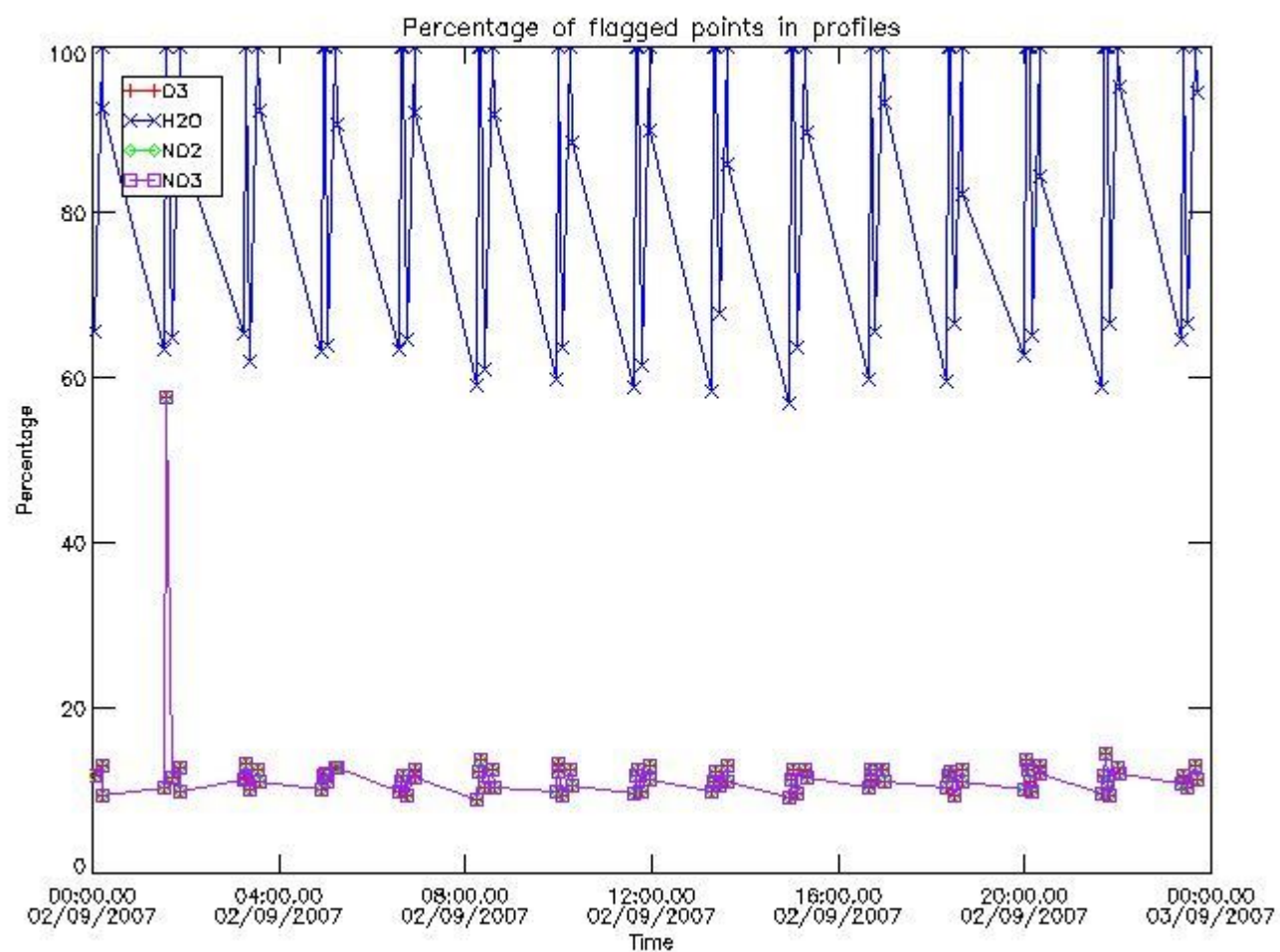
161	GOM_NL__2PRFIN20070902_160549_000000362061_00183_28794_2667.N1	02-SEP-2007 16:05:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28794	No
162	GOM_NL__2PRFIN20070902_162249_000000382061_00183_28794_2668.N1	02-SEP-2007 16:22:49	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	28794	No
163	GOM_NL__2PRFIN20070902_163035_000000492061_00183_28794_2669.N1	02-SEP-2007 16:30:35	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28794	No
164	GOM_NL__2PRFIN20070902_163820_000000492061_00183_28794_2670.N1	02-SEP-2007 16:38:20	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28794	No
165	GOM_NL__2PRFIN20070902_164103_000000452061_00183_28794_2671.N1	02-SEP-2007 16:41:03	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28794	No
166	GOM_NL__2PRFIN20070902_164247_000000412061_00183_28794_2672.N1	02-SEP-2007 16:42:47	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28794	No
167	GOM_NL__2PRFIN20070902_164747_000000412061_00183_28794_2673.N1	02-SEP-2007 16:47:47	Dark	41.000	2	Alp Car	-0.73600	7000.0	82	28794	No
168	GOM_NL__2PRFIN20070902_165807_000000412061_00184_28795_2672.N1	02-SEP-2007 16:58:07	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28795	No
169	GOM_NL__2PRFIN20070902_165925_000000462061_00184_28795_2673.N1	02-SEP-2007 16:59:25	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28795	No
170	GOM_NL__2PRFIN20070902_170647_000000482061_00184_28795_2674.N1	02-SEP-2007 17:06:47	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	28795	No
171	GOM_NL__2PRFIN20070902_171125_000000462061_00184_28795_2675.N1	02-SEP-2007 17:11:25	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28795	No
172	GOM_NL__2PRFIN20070902_171612_000000452061_00184_28795_2676.N1	02-SEP-2007 17:16:12	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	28795	No
173	GOM_NL__2PRFIN20070902_171920_000000382061_00184_28795_2677.N1	02-SEP-2007 17:19:20	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28795	No
174	GOM_NL__2PRFIN20070902_172046_000000402061_00184_28795_2678.N1	02-SEP-2007 17:20:46	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28795	No
175	GOM_NL__2PRFIN20070902_172345_000000372061_00184_28795_2679.N1	02-SEP-2007 17:23:45	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28795	No
176	GOM_NL__2PRFIN20070902_173845_000000382061_00184_28795_2680.N1	02-SEP-2007 17:38:45	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28795	No
177	GOM_NL__2PRFIN20070902_174625_000000372061_00184_28795_2681.N1	02-SEP-2007 17:46:25	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28795	No
178	GOM_NL__2PRFIN20070902_180325_000000382061_00184_28795_2682.N1	02-SEP-2007 18:03:25	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	28795	No
179	GOM_NL__2PRFIN20070902_181111_000000542061_00184_28795_2683.N1	02-SEP-2007 18:11:11	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28795	No
180	GOM_NL__2PRFIN20070902_181856_000000542061_00184_28795_2684.N1	02-SEP-2007 18:18:56	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28795	No
181	GOM_NL__2PRFIN20070902_182140_000000432061_00184_28795_2685.N1	02-SEP-2007 18:21:40	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28795	No
182	GOM_NL__2PRFIN20070902_182324_000000422061_00184_28795_2686.N1	02-SEP-2007 18:23:24	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	28795	No
183	GOM_NL__2PRFIN20070902_182823_000000542061_00184_28795_2687.N1	02-SEP-2007 18:28:23	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28795	No
184	GOM_NL__2PRFIN20070902_183844_000000412061_00185_28796_2682.N1	02-SEP-2007 18:38:44	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28796	No
185	GOM_NL__2PRFIN20070902_184002_000000452061_00185_28796_2683.N1	02-SEP-2007 18:40:02	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28796	No
186	GOM_NL__2PRFIN20070902_184723_000000522061_00185_28796_2684.N1	02-SEP-2007 18:47:23	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	28796	No
187	GOM_NL__2PRFIN20070902_185201_000000492061_00185_28796_2685.N1	02-SEP-2007 18:52:01	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28796	No
188	GOM_NL__2PRFIN20070902_185648_000000462061_00185_28796_2686.N1	02-SEP-2007 18:56:48	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28796	No
189	GOM_NL__2PRFIN20070902_185956_000000382061_00185_28796_2687.N1	02-SEP-2007 18:59:56	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28796	No
190	GOM_NL__2PRFIN20070902_190122_000000392061_00185_28796_2688.N1	02-SEP-2007 19:01:22	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28796	No
191	GOM_NL__2PRFIN20070902_190421_000000382061_00185_28796_2689.N1	02-SEP-2007 19:04:21	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28796	No
192	GOM_NL__2PRFIN20070902_191920_000000362061_00185_28796_2690.N1	02-SEP-2007 19:19:20	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28796	No
193	GOM_NL__2PRFIN20070902_192701_000000372061_00185_28796_2691.N1	02-SEP-2007 19:27:01	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28796	No
194	GOM_NL__2PRFIN20070902_194402_000000382061_00185_28796_2692.N1	02-SEP-2007 19:44:02	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	28796	No
195	GOM_NL__2PRFIN20070902_195147_000000482061_00185_28796_2693.N1	02-SEP-2007 19:51:47	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28796	No
196	GOM_NL__2PRFIN20070902_195933_000000502061_00185_28796_2694.N1	02-SEP-2007 19:59:33	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28796	No
197	GOM_NL__2PRFIN20070902_200216_000000412061_00185_28796_2695.N1	02-SEP-2007 20:02:16	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	28796	No
198	GOM_NL__2PRFIN20070902_200401_000000412061_00185_28796_2696.N1	02-SEP-2007 20:04:01	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28796	No
199	GOM_NL__2PRFIN20070902_200657_000000462061_00185_28796_2697.N1	02-SEP-2007 20:06:57	Dark	46.000	108	Alp Col	2.6520	15200.	92	28796	No
200	GOM_NL__2PRFIN20070902_200900_000000522061_00185_28796_2698.N1	02-SEP-2007 20:09:00	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28796	No
201	GOM_NL__2PRFIN20070902_201921_000000392061_00186_28797_2701.N1	02-SEP-2007 20:19:21	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28797	No
202	GOM_NL__2PRFIN20070902_202039_000000422061_00186_28797_2702.N1	02-SEP-2007 20:20:39	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28797	No
203	GOM_NL__2PRFIN20070902_202759_000000472061_00186_28797_2703.N1	02-SEP-2007 20:27:59	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	28797	No
204	GOM_NL__2PRFIN20070902_203237_000000472061_00186_28797_2704.N1	02-SEP-2007 20:32:37	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28797	No
205	GOM_NL__2PRFIN20070902_203725_000000482061_00186_28797_2705.N1	02-SEP-2007 20:37:25	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28797	No
206	GOM_NL__2PRFIN20070902_204032_000000382061_00186_28797_2706.N1	02-SEP-2007 20:40:32	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28797	No
207	GOM_NL__2PRFIN20070902_204158_000000392061_00186_28797_2707.N1	02-SEP-2007 20:41:58	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28797	No
208	GOM_NL__2PRFIN20070902_204457_000000382061_00186_28797_2708.N1	02-SEP-2007 20:44:57	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28797	No
209	GOM_NL__2PRFIN20070902_205956_000000372061_00186_28797_2709.N1	02-SEP-2007 20:59:56	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28797	No
210	GOM_NL__2PRFIN20070902_210737_000000362061_00186_28797_2710.N1	02-SEP-2007 21:07:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28797	No
211	GOM_NL__2PRFIN20070902_212438_000000402061_00186_28797_2711.N1	02-SEP-2007 21:24:38	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28797	No
212	GOM_NL__2PRFIN20070902_213224_000000522061_00186_28797_2712.N1	02-SEP-2007 21:32:24	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	28797	No
213	GOM_NL__2PRFIN20070902_214009_000000532061_00186_28797_2713.N1	02-SEP-2007 21:40:09	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28797	No
214	GOM_NL__2PRFIN20070902_214253_000000432061_00186_28797_2714.N1	02-SEP-2007 21:42:53	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28797	No
215	GOM_NL__2PRFIN20070902_214437_000000422061_00186_28797_2715.N1	02-SEP-2007 21:44:37	Dark	42.000	177	1Zet CMa	3.0220	26000.	84	28797	No
216	GOM_NL__2PRFIN20070902_214733_000000462061_00186_28797_2716.N1	02-SEP-2007 21:47:33	Dark	45.500	108	Alp Col	2.6520	15200.	91	28797	No
217	GOM_NL__2PRFIN20070902_214936_000000542061_00186_28797_2717.N1	02-SEP-2007 21:49:36	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28797	No
218	GOM_NL__2PRFIN20070902_215957_000000402061_00187_28798_2716.N1	02-SEP-2007 21:59:57	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28798	No
219	GOM_NL__2PRFIN20070902_220115_000000432061_00187_28798_2717.N1	02-SEP-2007 22:01:15	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28798	No

220	GOM_NL__2PRFIN20070902_220835_000000442061_00187_28798_2718.N1	02-SEP-2007 22:08:35	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	28798	No
221	GOM_NL__2PRFIN20070902_221313_000000472061_00187_28798_2719.N1	02-SEP-2007 22:13:13	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28798	No
222	GOM_NL__2PRFIN20070902_221801_000000392061_00187_28798_2720.N1	02-SEP-2007 22:18:01	Bright	39.000	142	49Del Cap	2.8500	8900.0	78	28798	No
223	GOM_NL__2PRFIN20070902_222108_000000382061_00187_28798_2721.N1	02-SEP-2007 22:21:08	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28798	No
224	GOM_NL__2PRFIN20070902_222234_000000392061_00187_28798_2722.N1	02-SEP-2007 22:22:34	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28798	No
225	GOM_NL__2PRFIN20070902_222533_000000382061_00187_28798_2723.N1	02-SEP-2007 22:25:33	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28798	No
226	GOM_NL__2PRFIN20070902_224032_000000362061_00187_28798_2724.N1	02-SEP-2007 22:40:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28798	No
227	GOM_NL__2PRFIN20070902_224813_000000372061_00187_28798_2725.N1	02-SEP-2007 22:48:13	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28798	No
228	GOM_NL__2PRFIN20070902_230513_000000362061_00187_28798_2726.N1	02-SEP-2007 23:05:13	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28798	No
229	GOM_NL__2PRFIN20070902_231300_000000552061_00187_28798_2727.N1	02-SEP-2007 23:13:00	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	28798	No
230	GOM_NL__2PRFIN20070902_232046_000000472061_00187_28798_2728.N1	02-SEP-2007 23:20:46	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28798	No
231	GOM_NL__2PRFIN20070902_232329_000000432061_00187_28798_2729.N1	02-SEP-2007 23:23:29	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28798	No
232	GOM_NL__2PRFIN20070902_233012_000000542061_00187_28798_2730.N1	02-SEP-2007 23:30:12	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28798	No
233	GOM_NL__2PRFIN20070902_234033_000000402061_00188_28799_2730.N1	02-SEP-2007 23:40:33	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28799	No
234	GOM_NL__2PRFIN20070902_234151_000000452061_00188_28799_2731.N1	02-SEP-2007 23:41:51	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28799	No
235	GOM_NL__2PRFIN20070902_234912_000000462061_00188_28799_2732.N1	02-SEP-2007 23:49:12	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	28799	No
236	GOM_NL__2PRFIN20070902_235349_000000442061_00188_28799_2733.N1	02-SEP-2007 23:53:49	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28799	No
237	GOM_NL__2PRFIN20070902_235836_000000452061_00188_28799_2734.N1	02-SEP-2007 23:58:36	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	28799	No

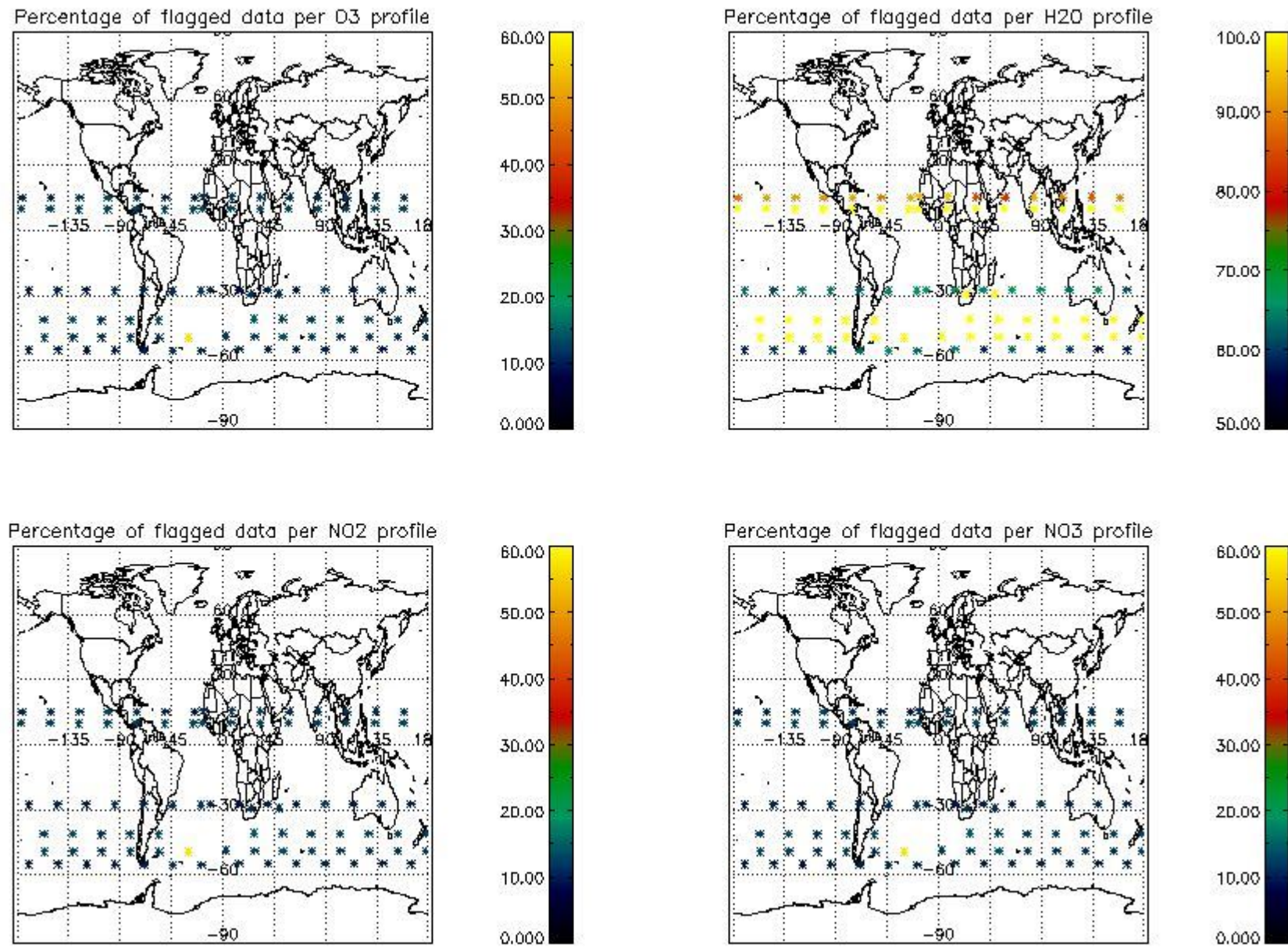
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

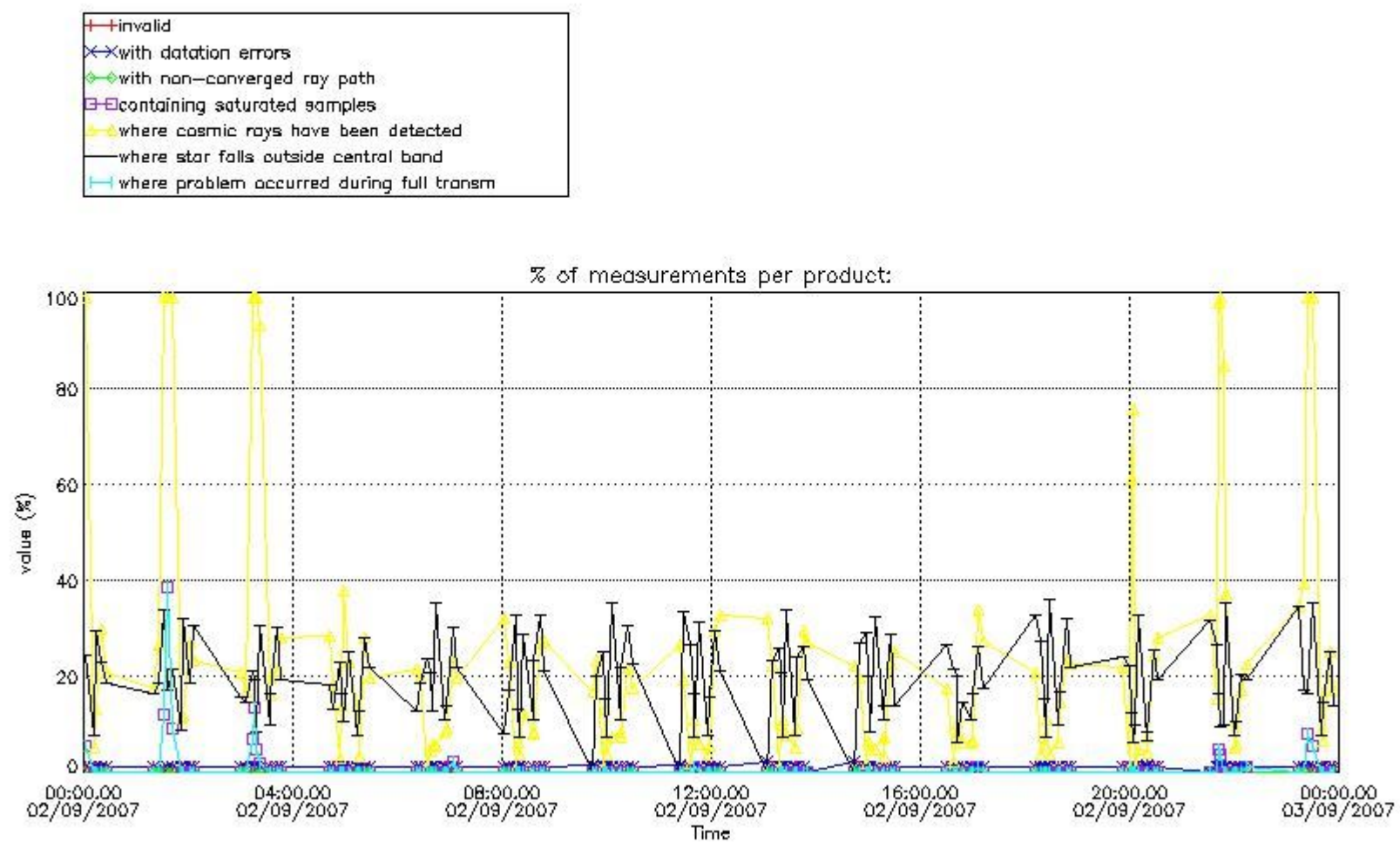


4. Level 1 quality information per product

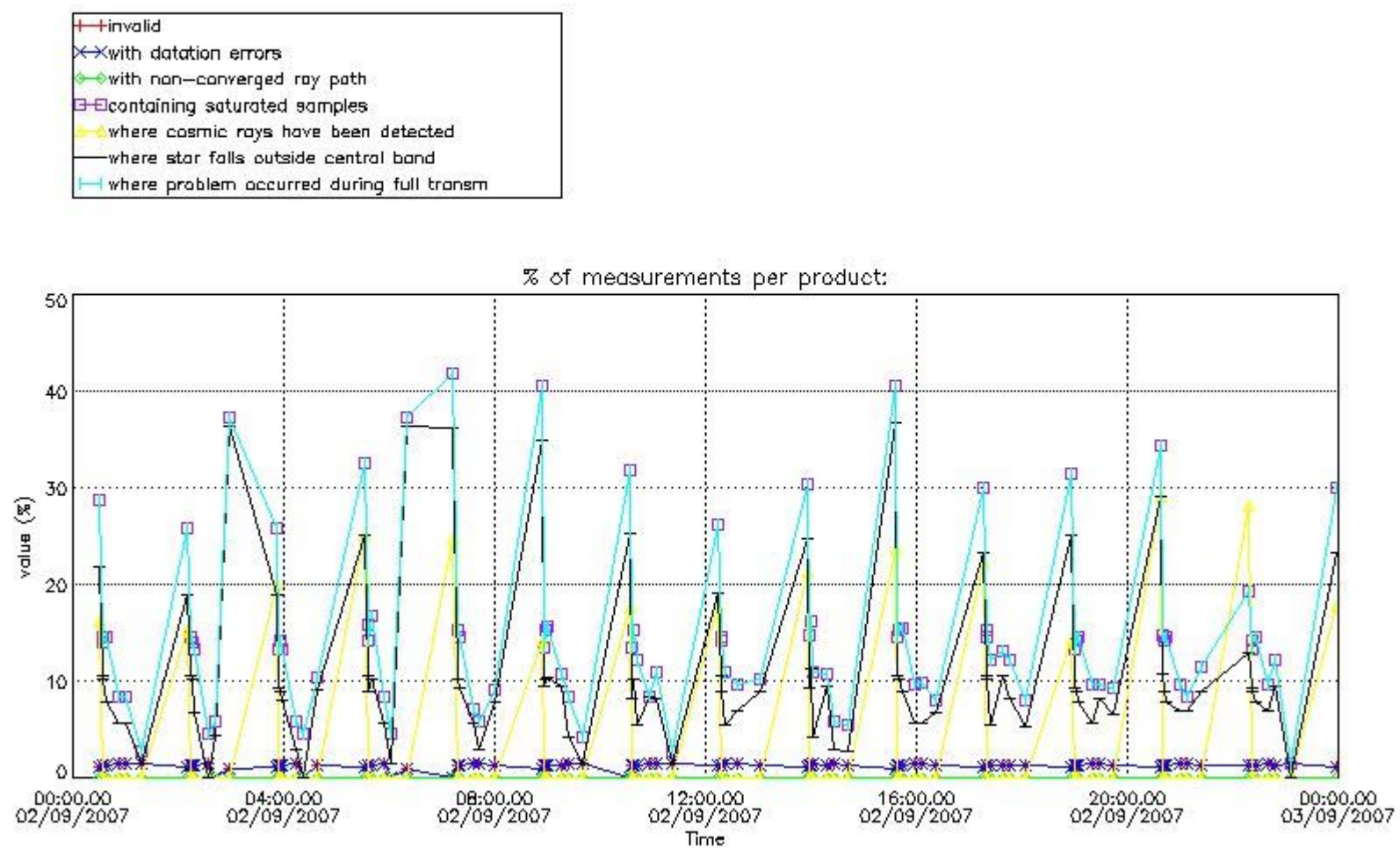
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

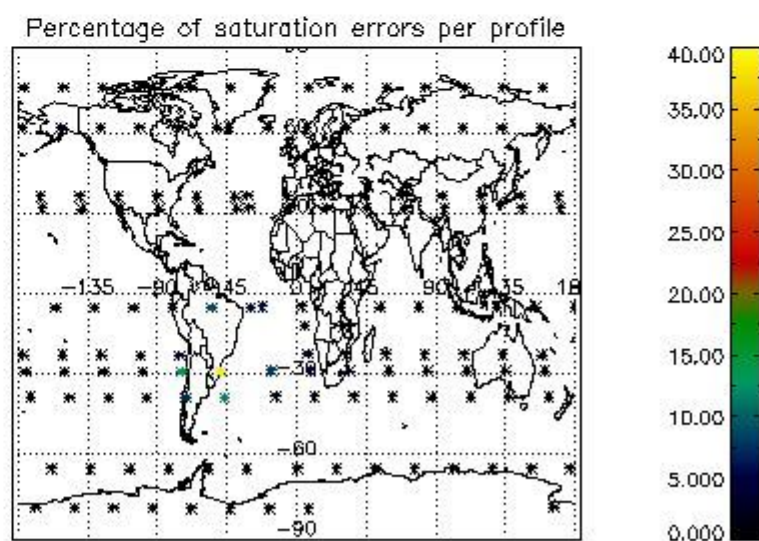
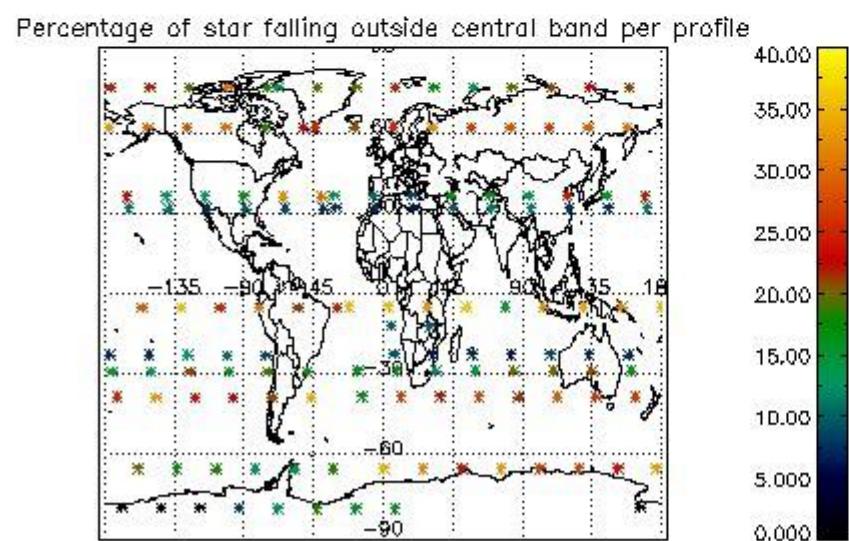
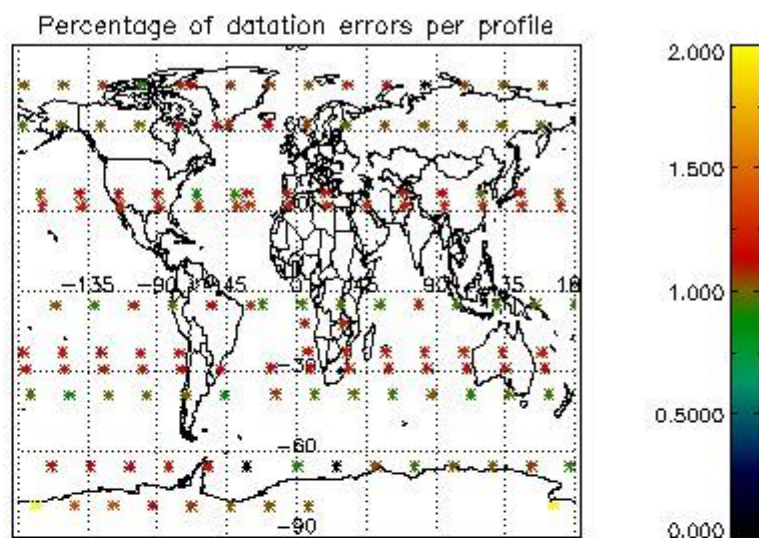
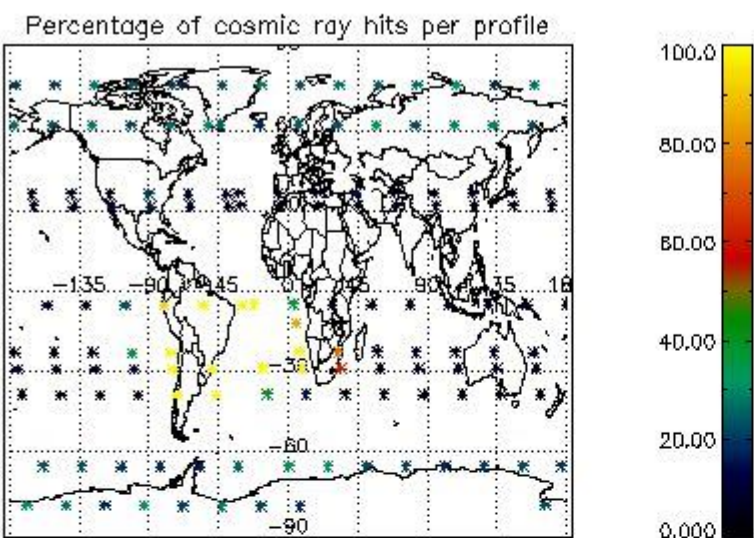


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

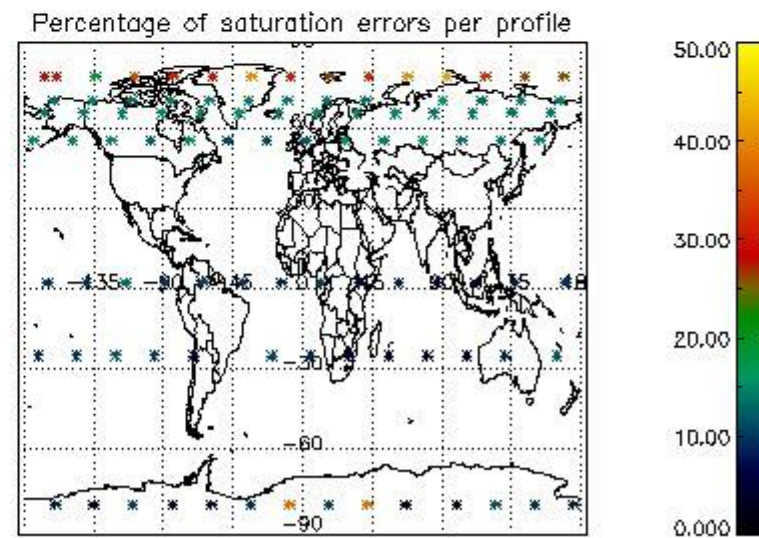
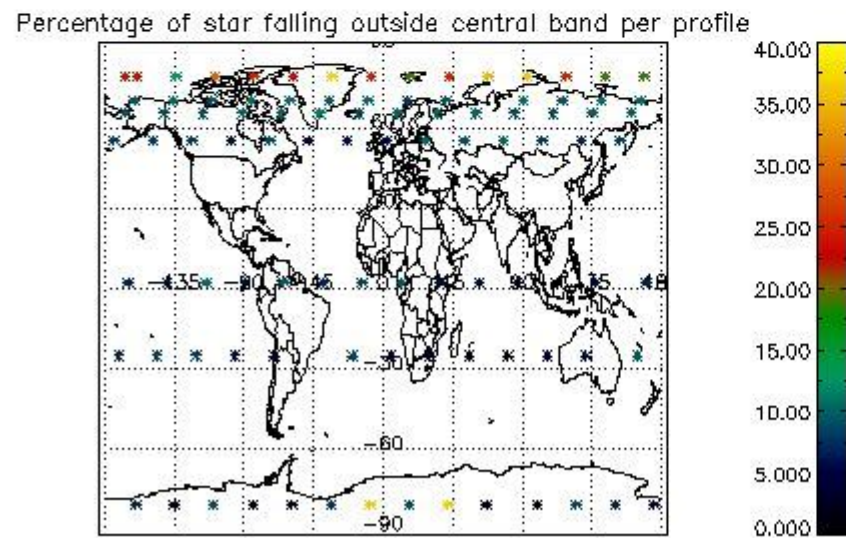
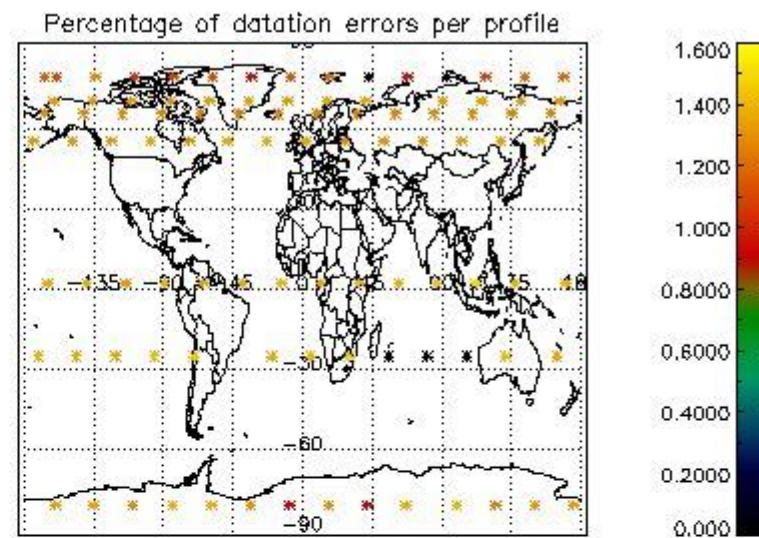
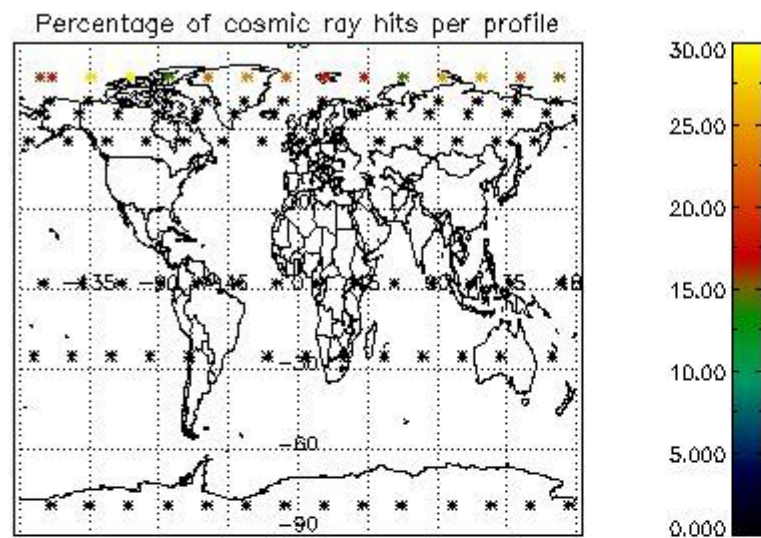


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

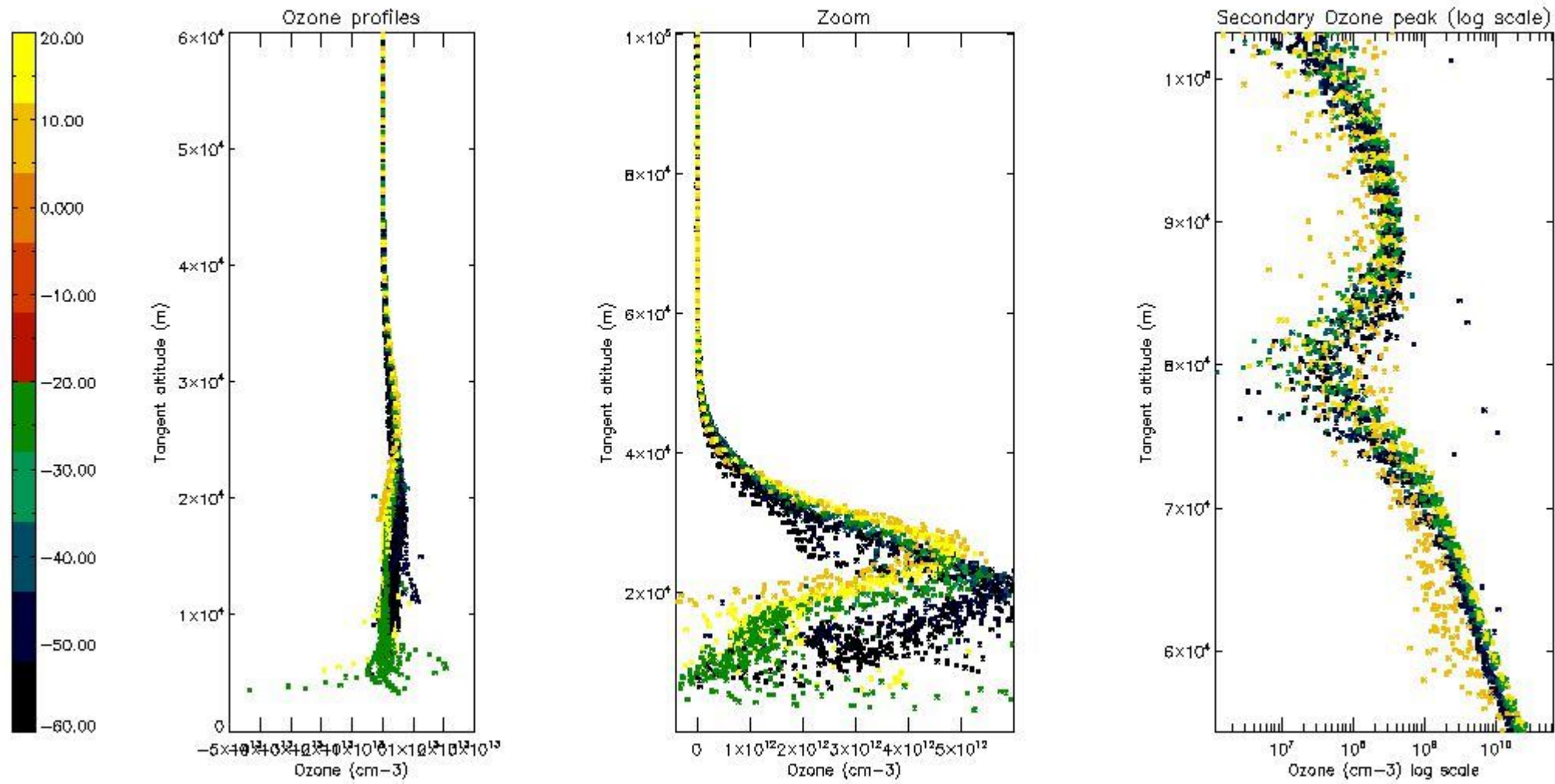
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	27

STD < 10	23
STD < 5	17

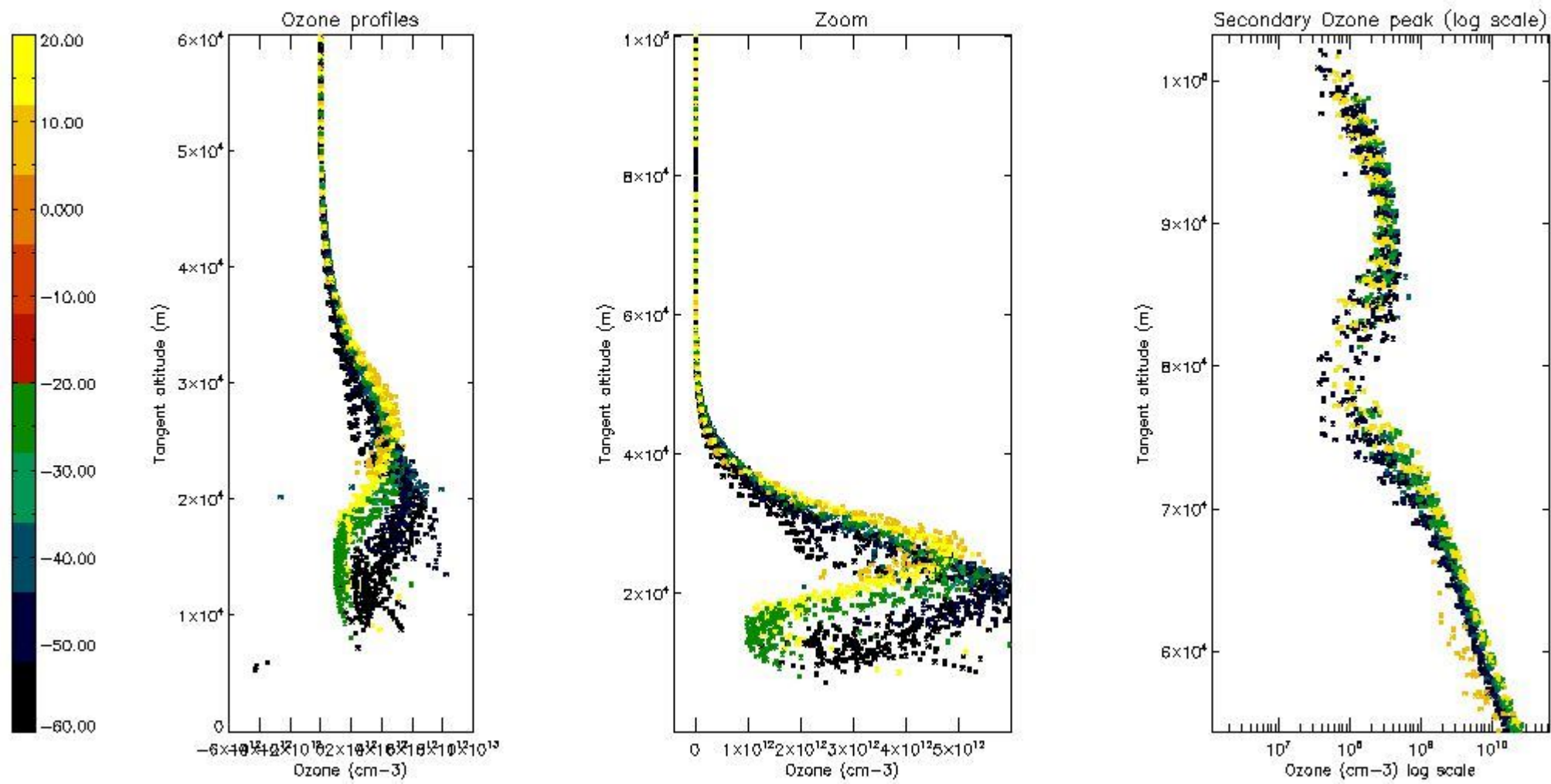
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



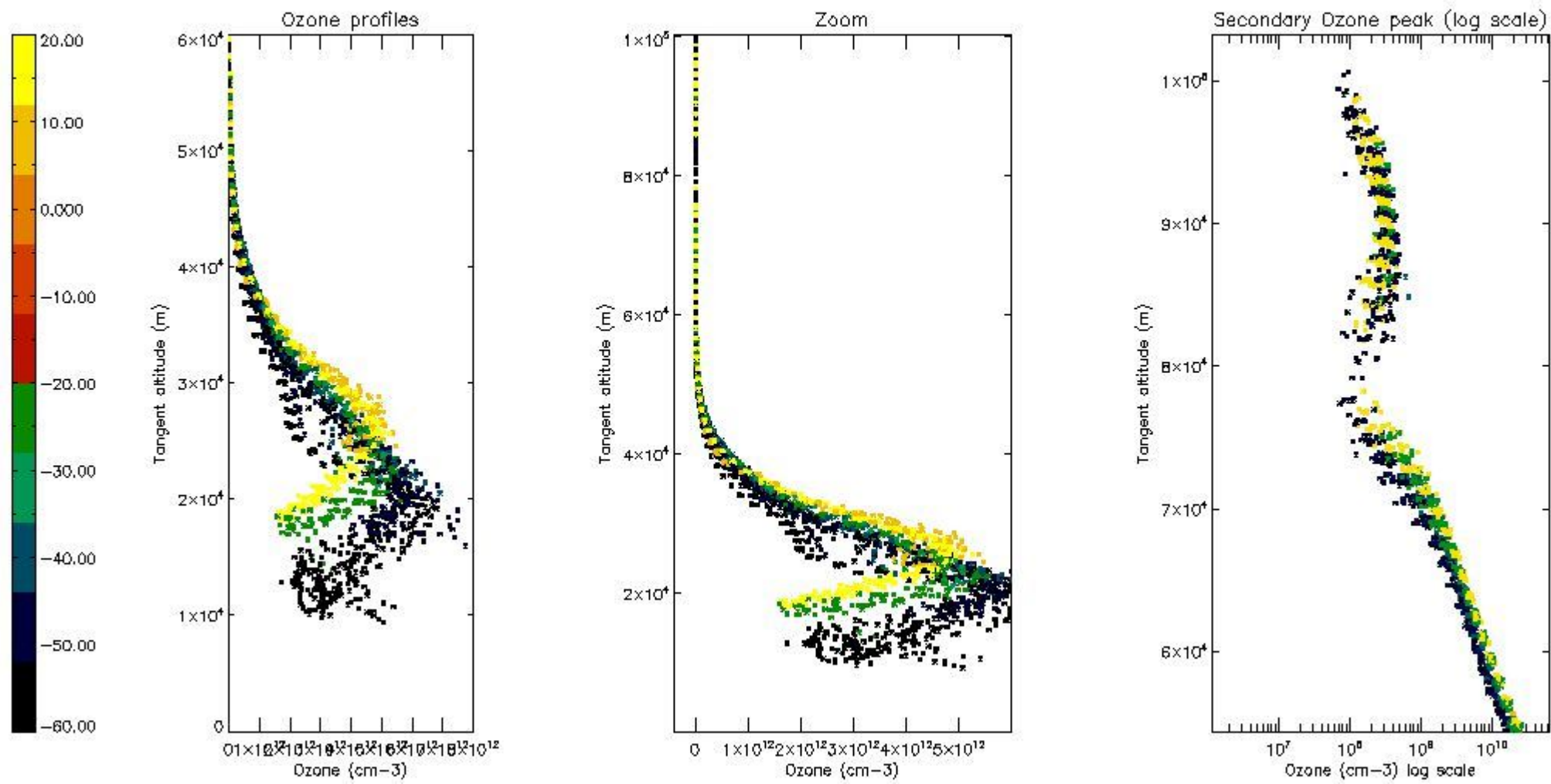
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



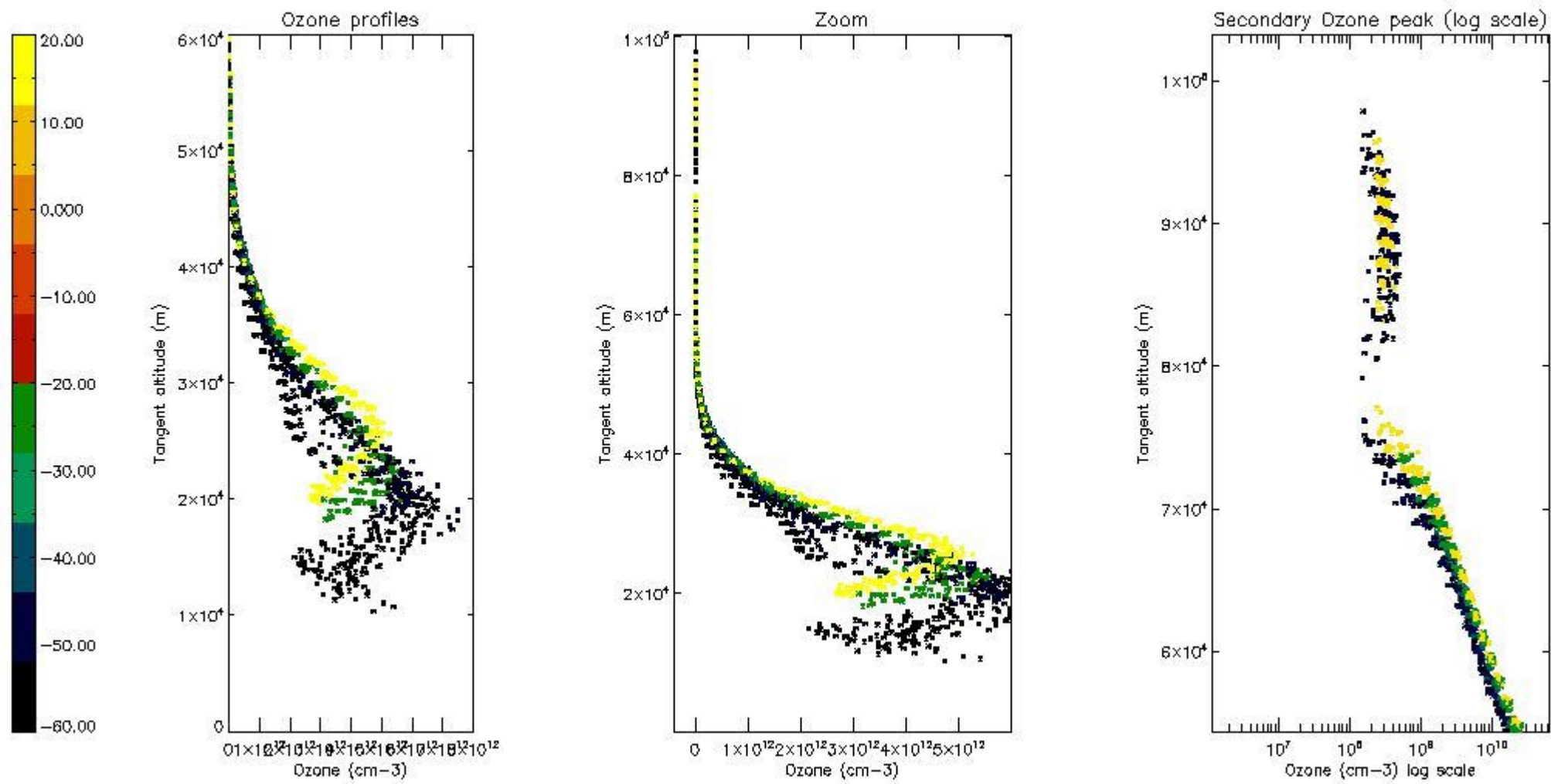
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



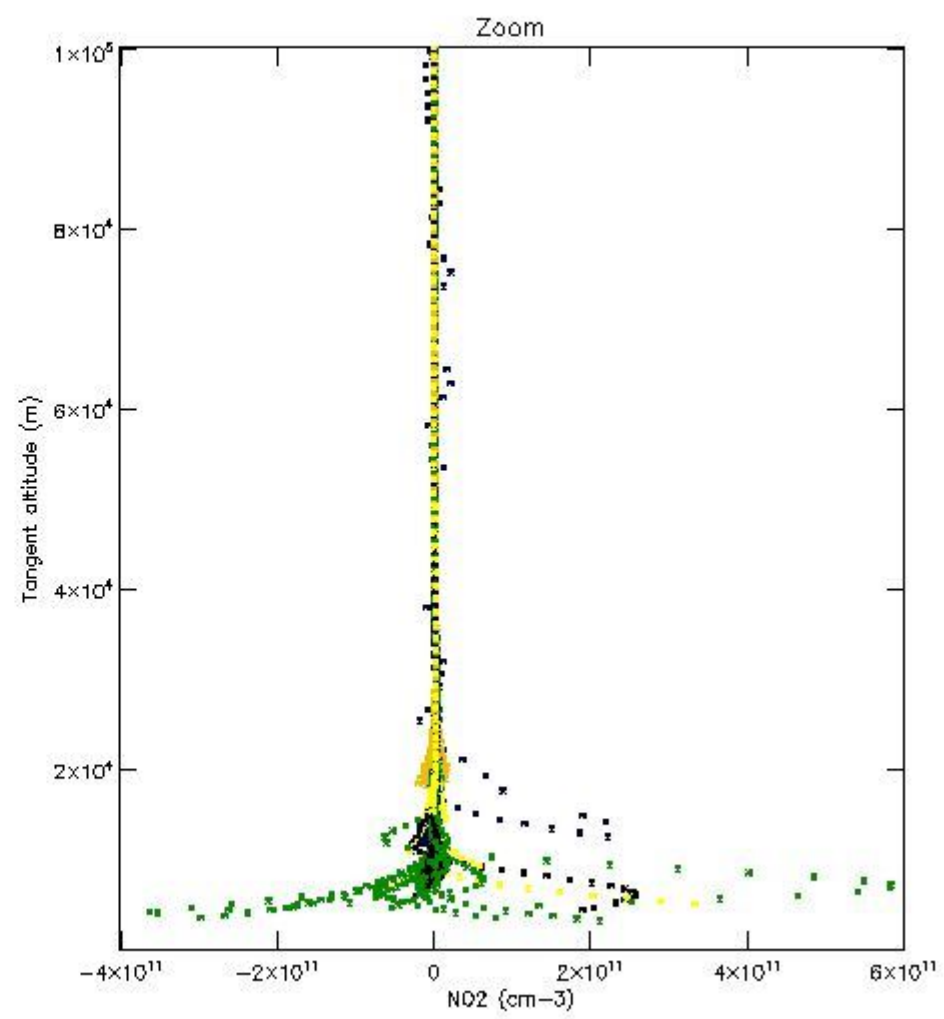
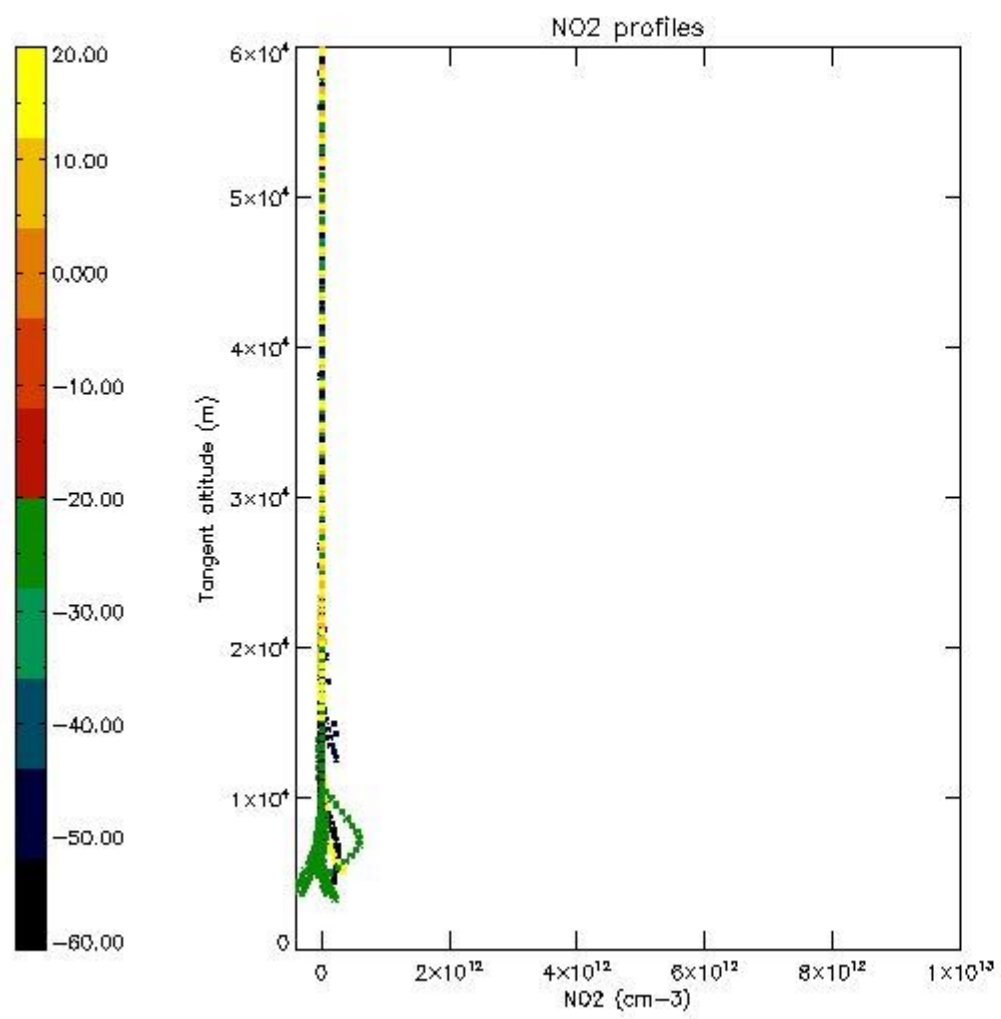
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



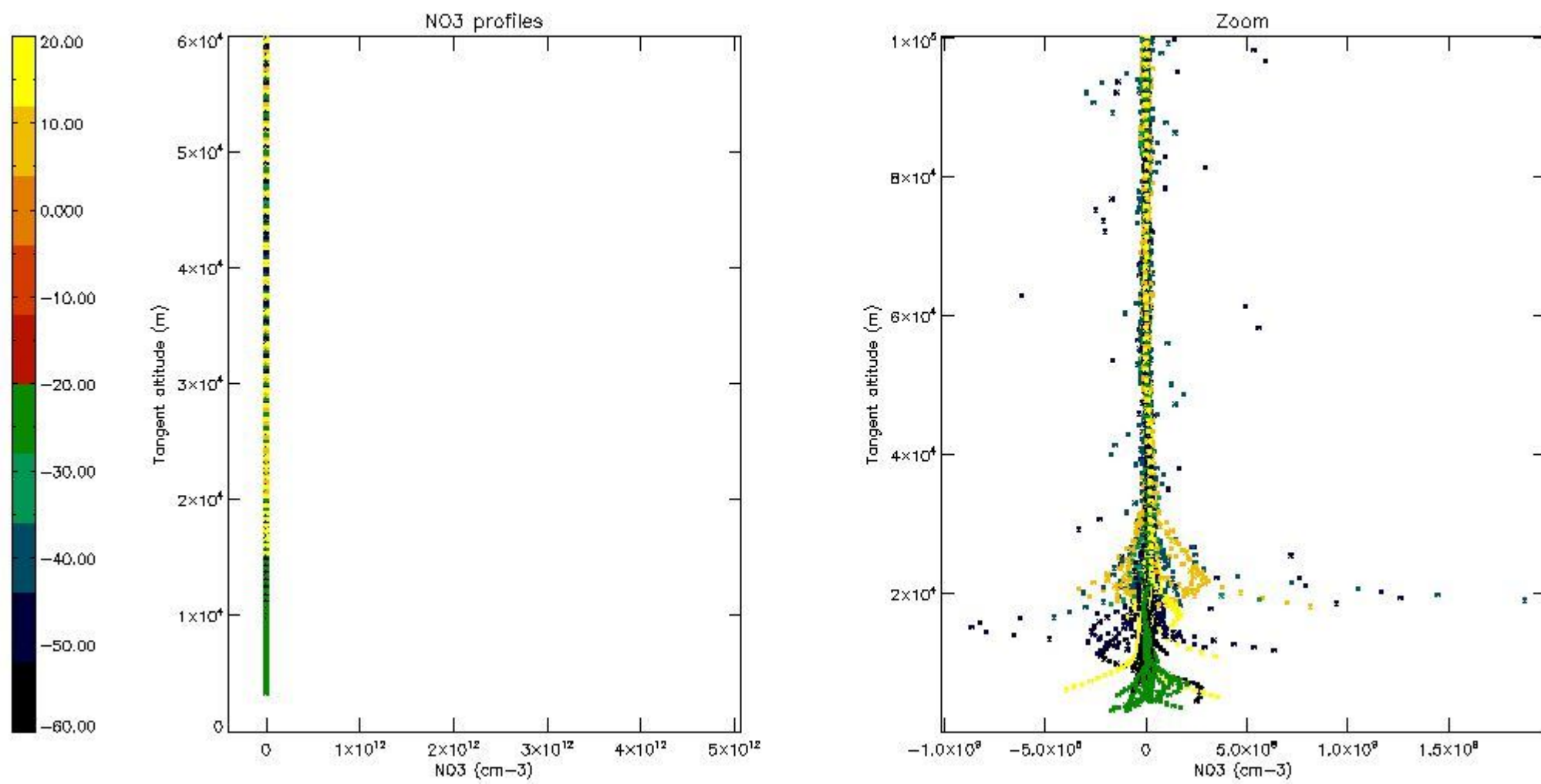
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



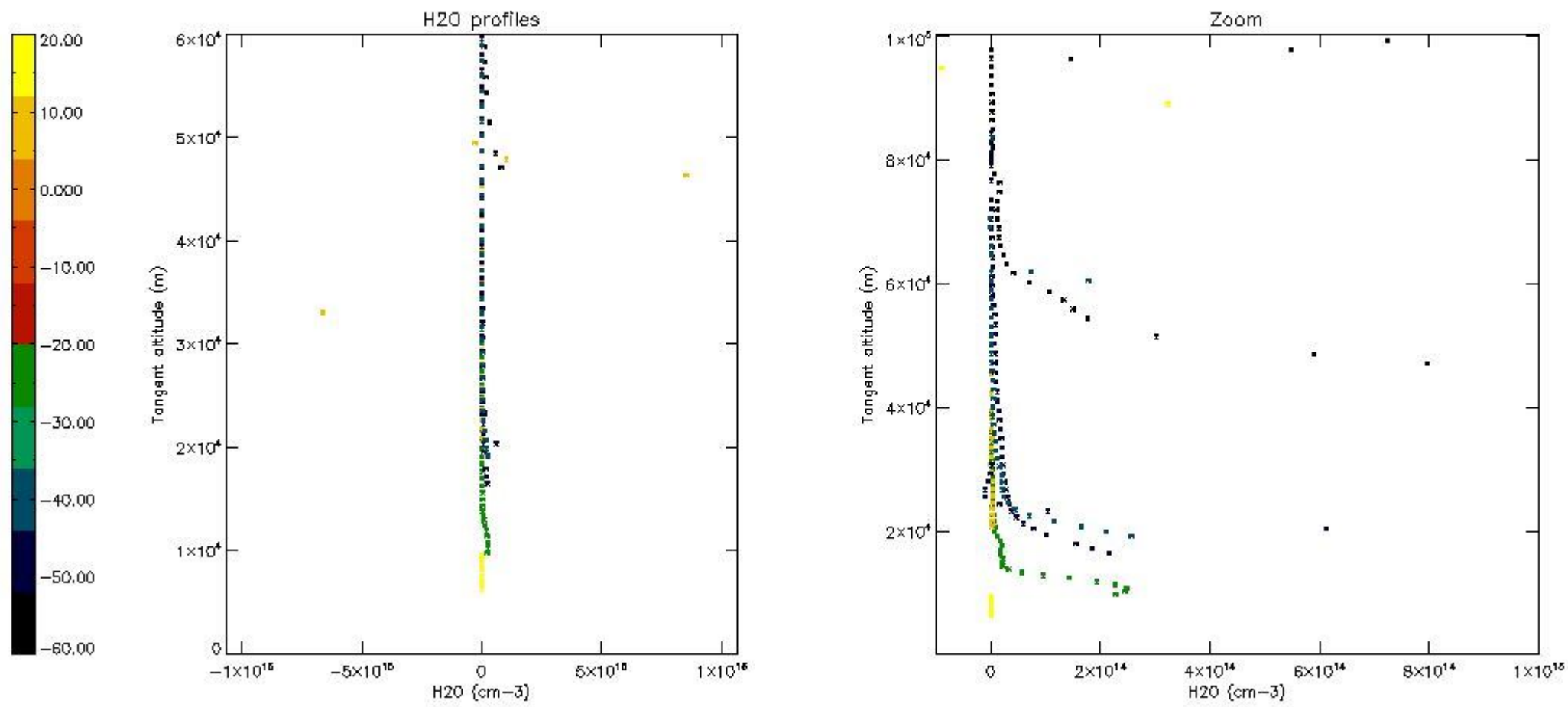
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

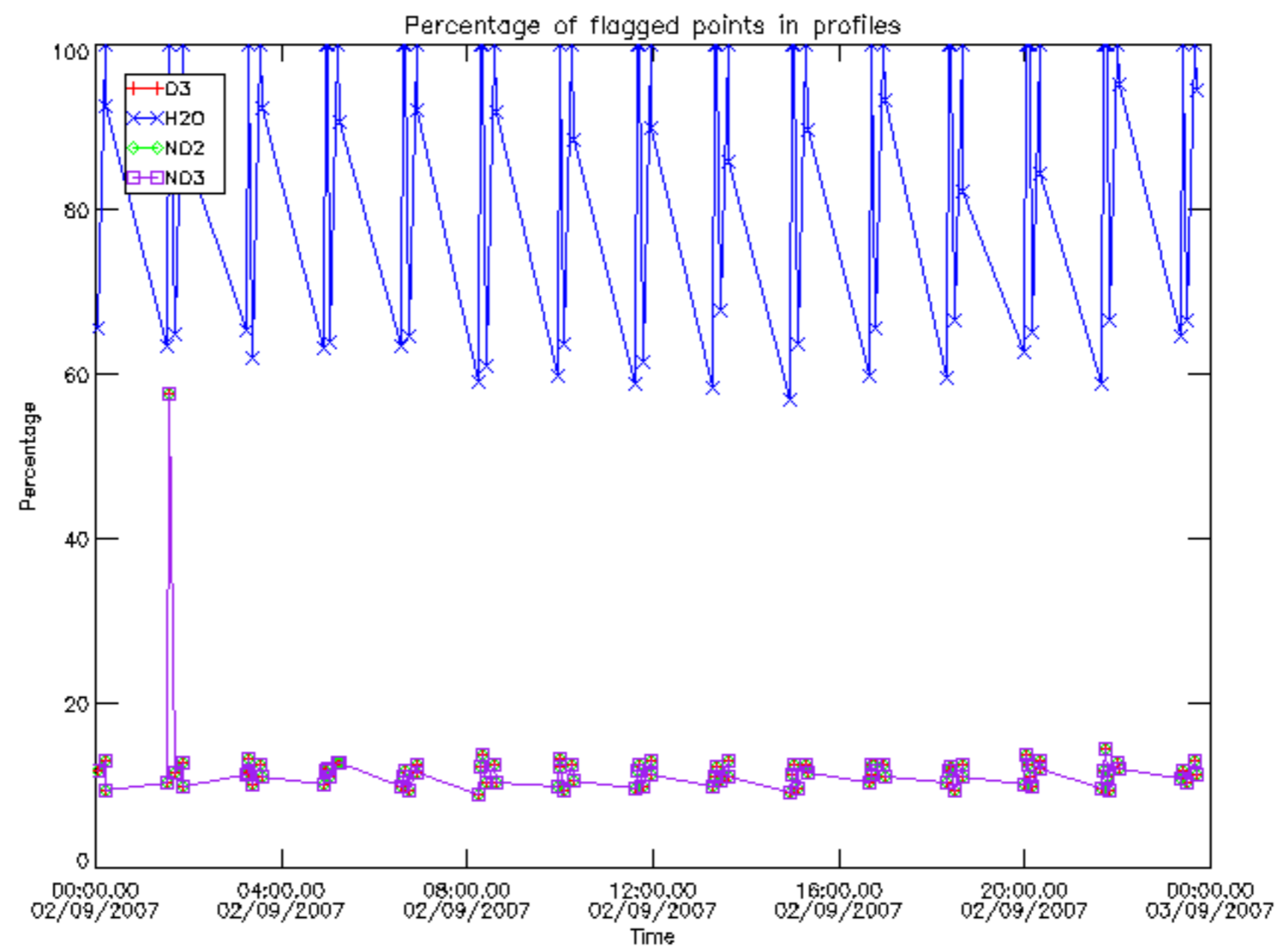
The colorbar represents the latitude.



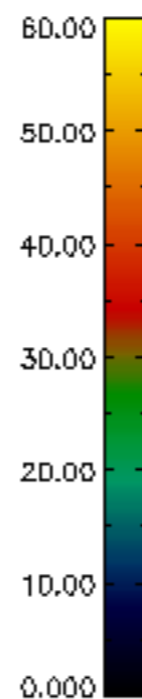
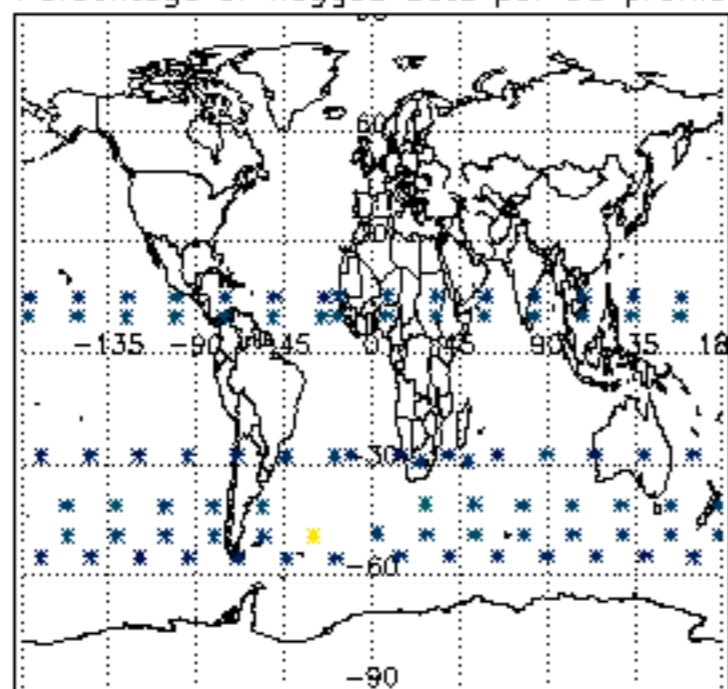
6. Auxiliary Data Files used for the production reported in section 2

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.

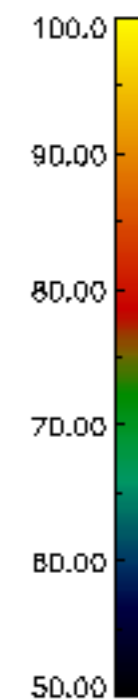
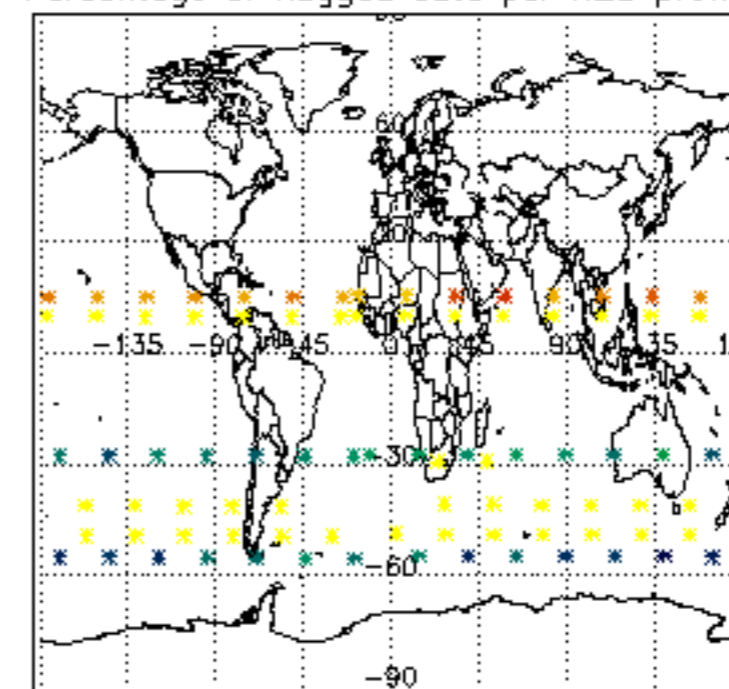
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-SEP-2007 00:01:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-SEP-2007 00:01:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-SEP-2007 00:01:43



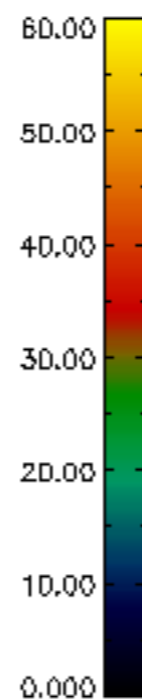
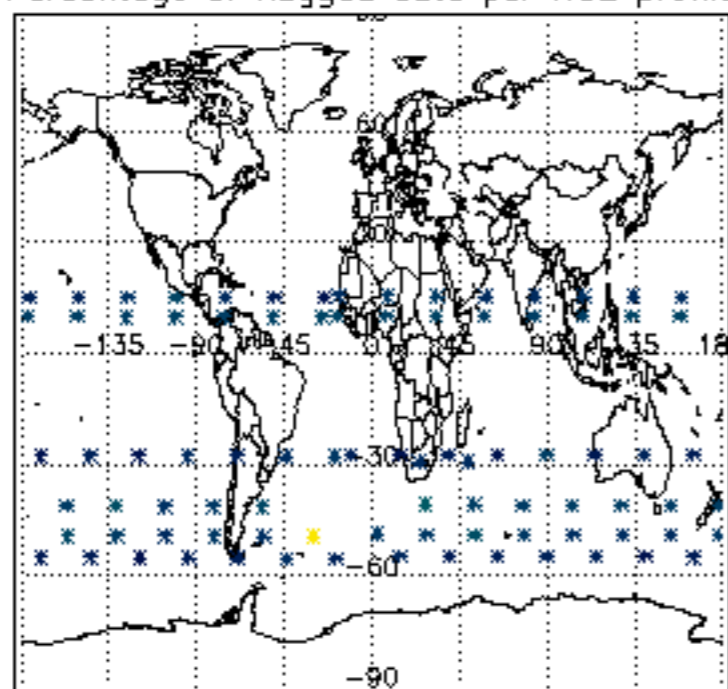
Percentage of flagged data per D3 profile



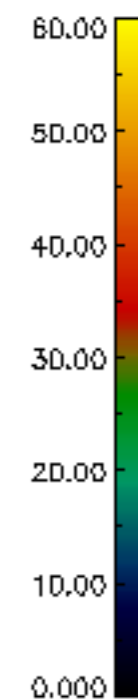
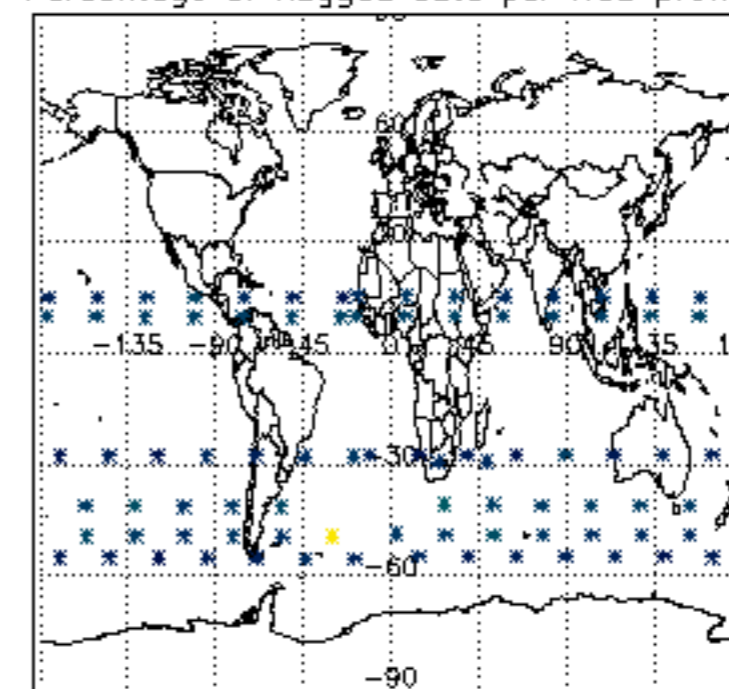
Percentage of flagged data per H2O profile

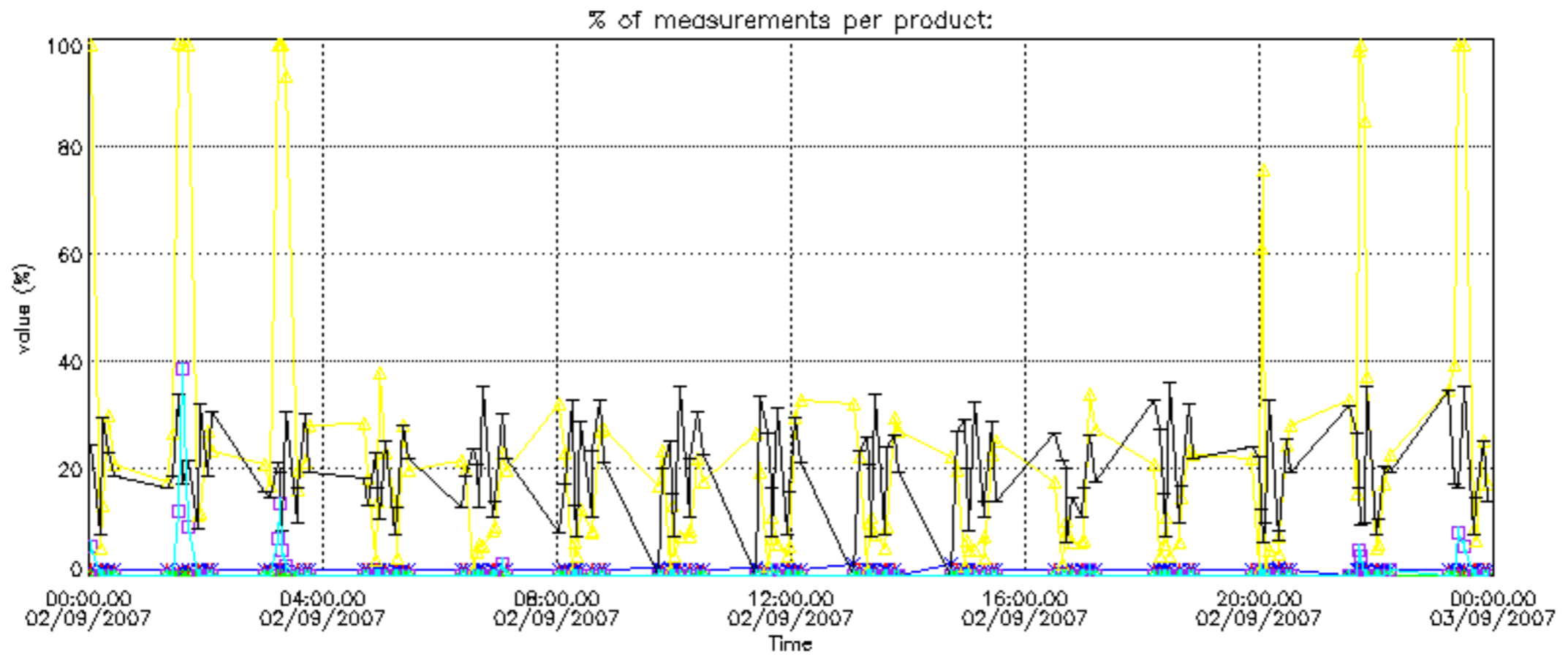


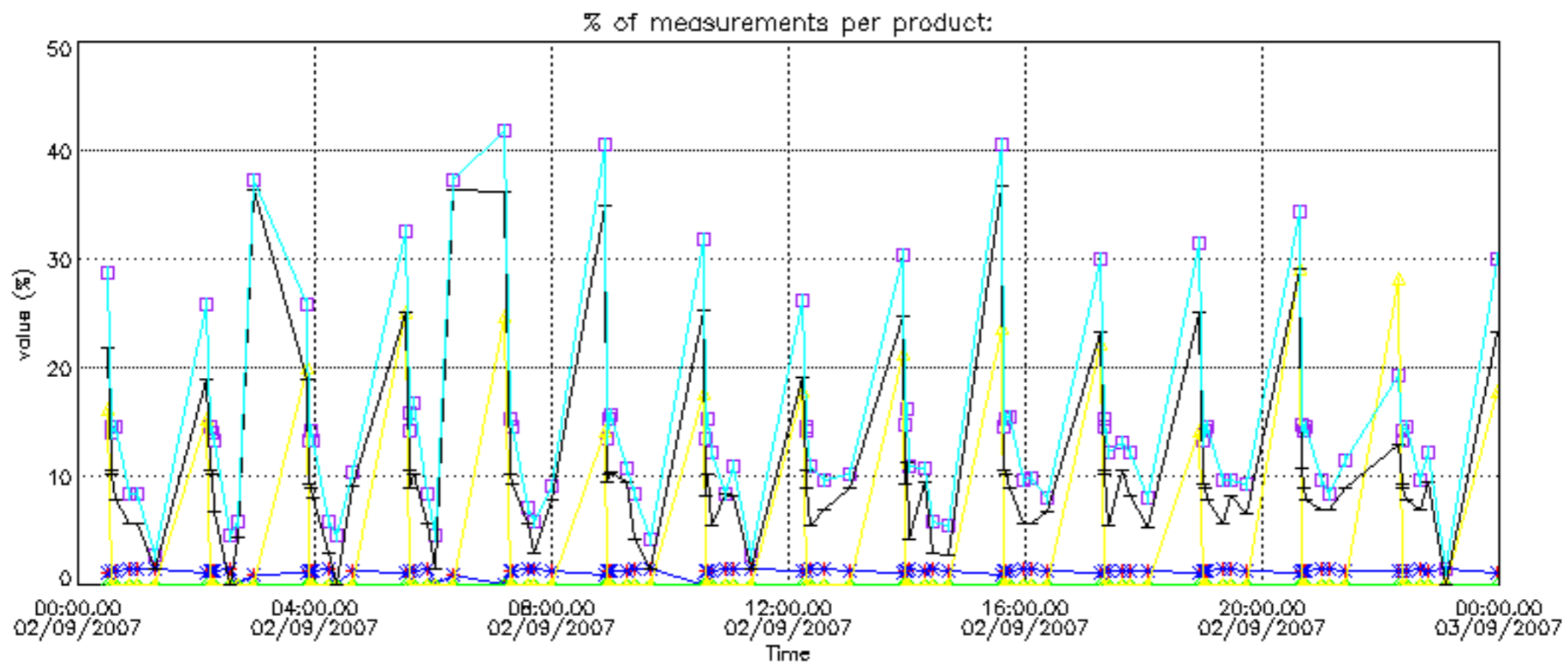
Percentage of flagged data per NO2 profile



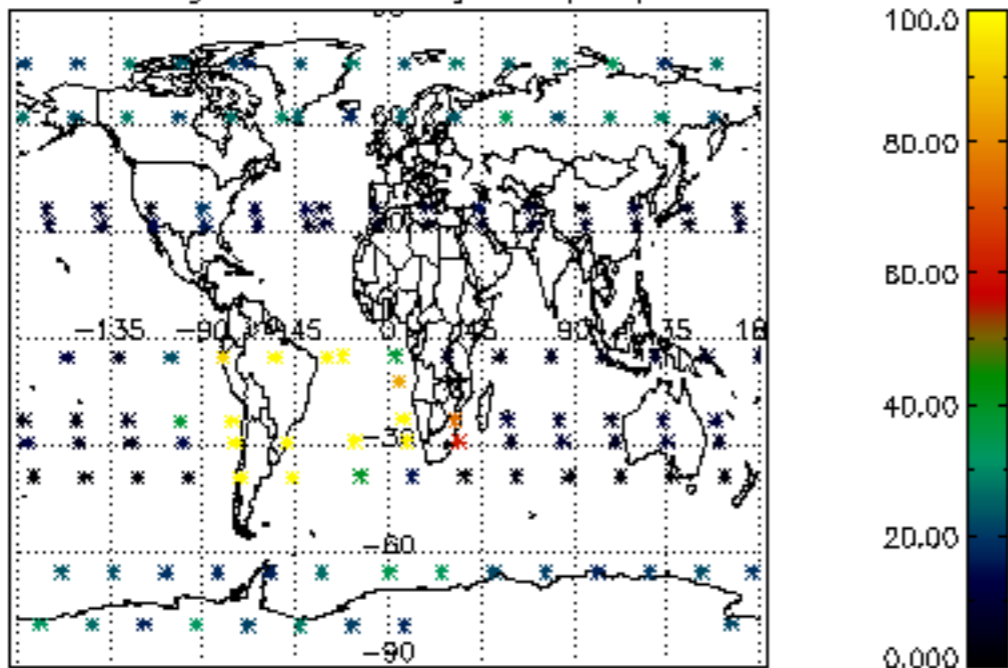
Percentage of flagged data per NO3 profile



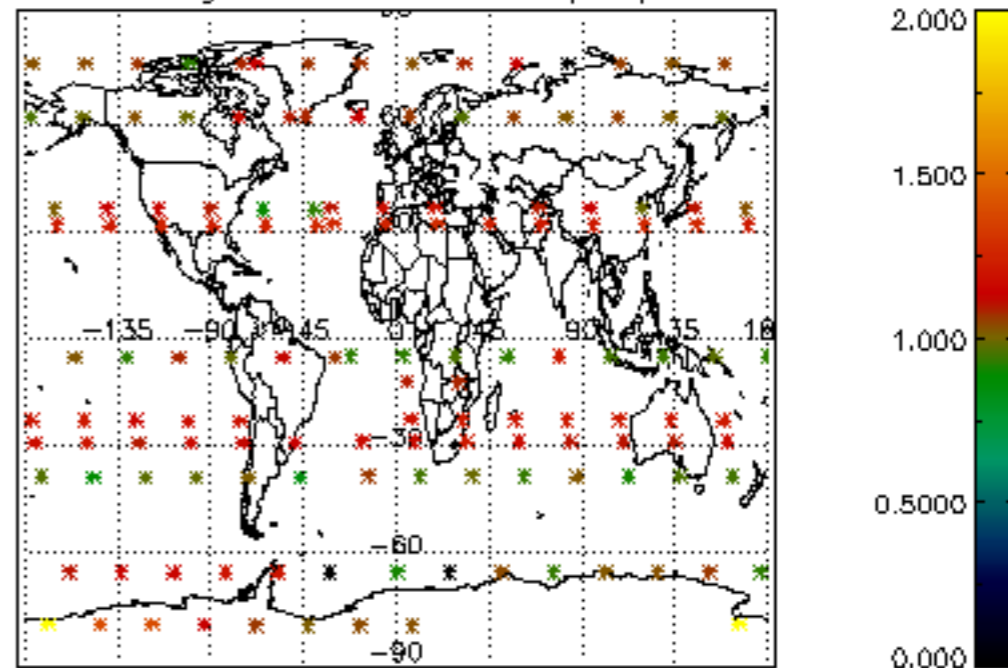




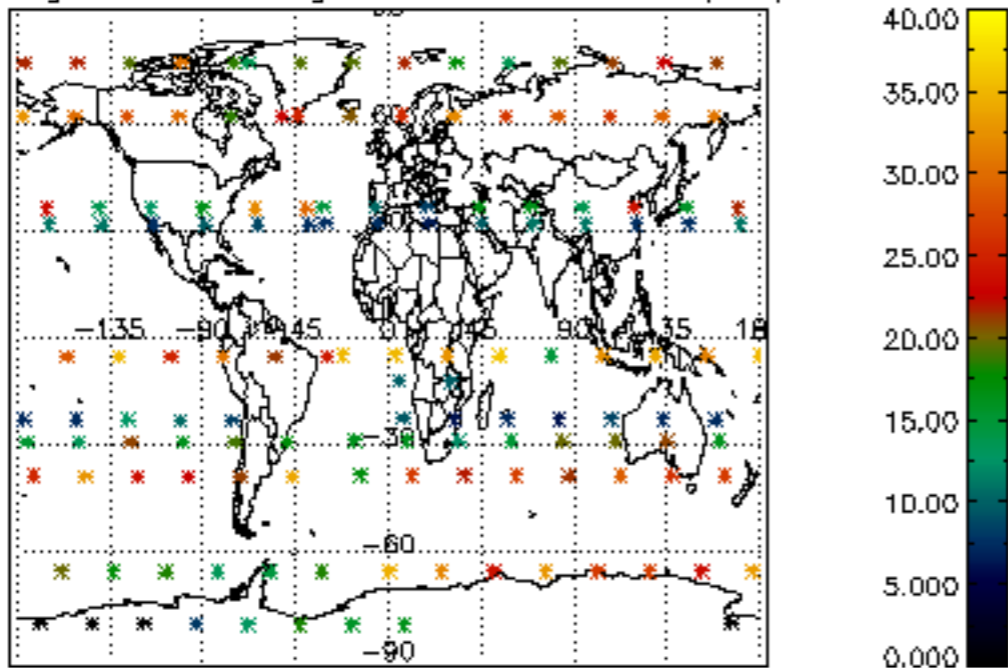
Percentage of cosmic ray hits per profile



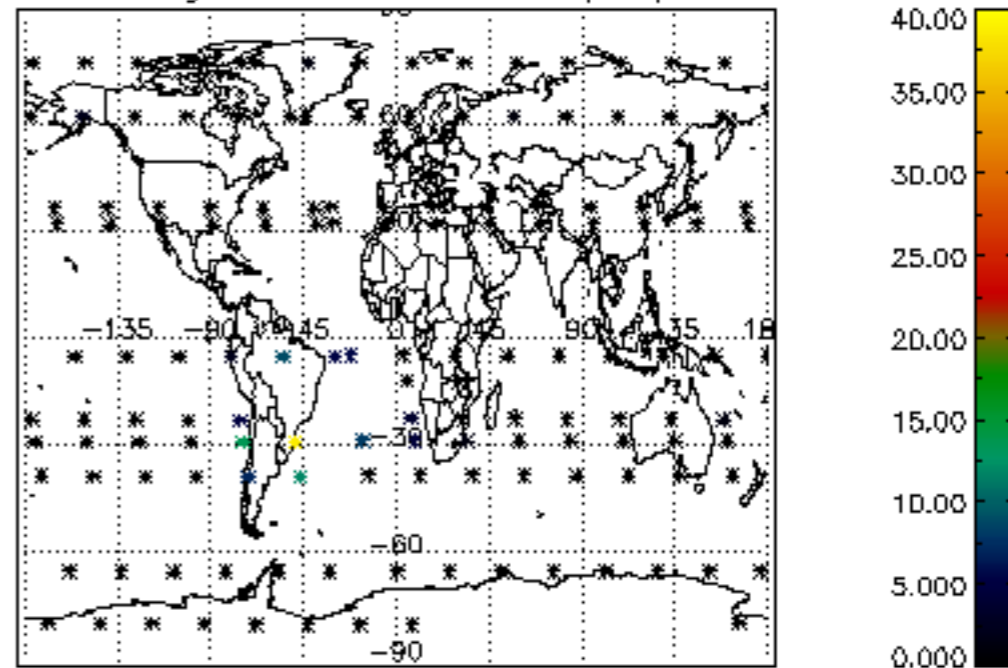
Percentage of datation errors per profile



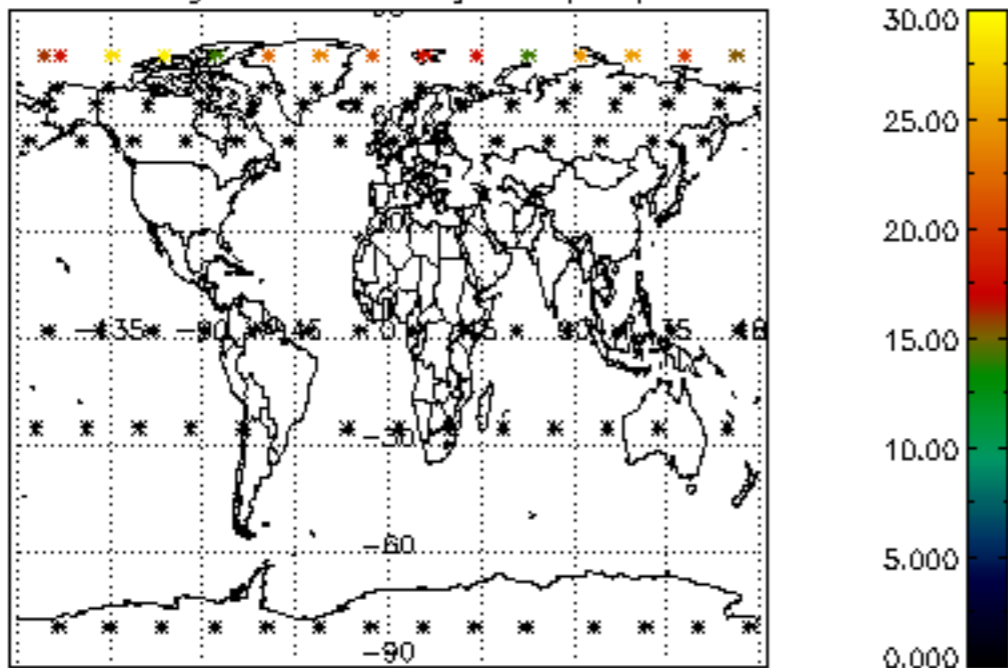
Percentage of star falling outside central band per profile



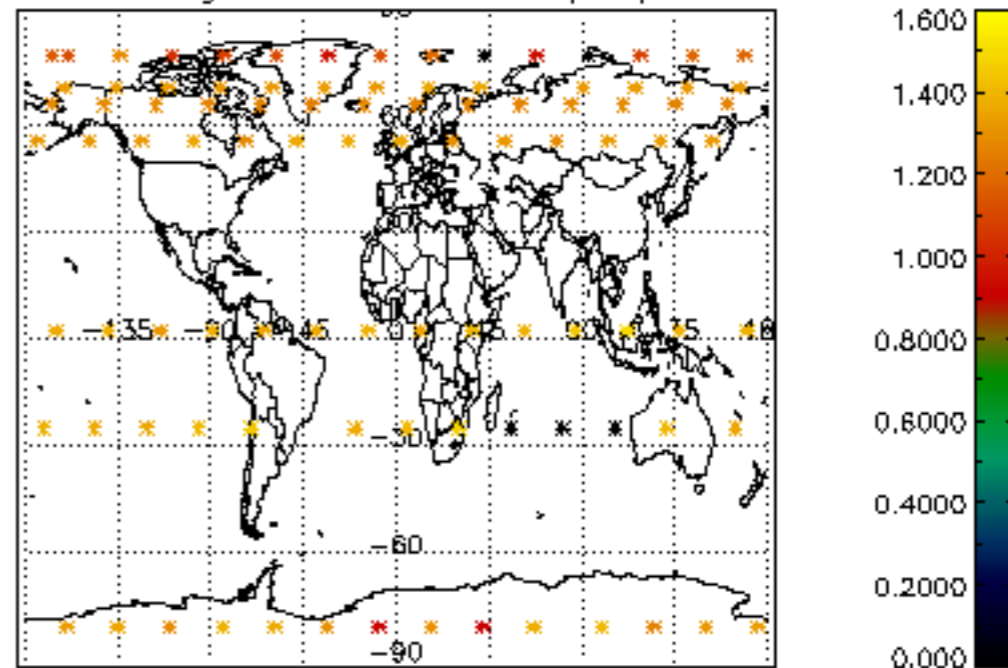
Percentage of saturation errors per profile



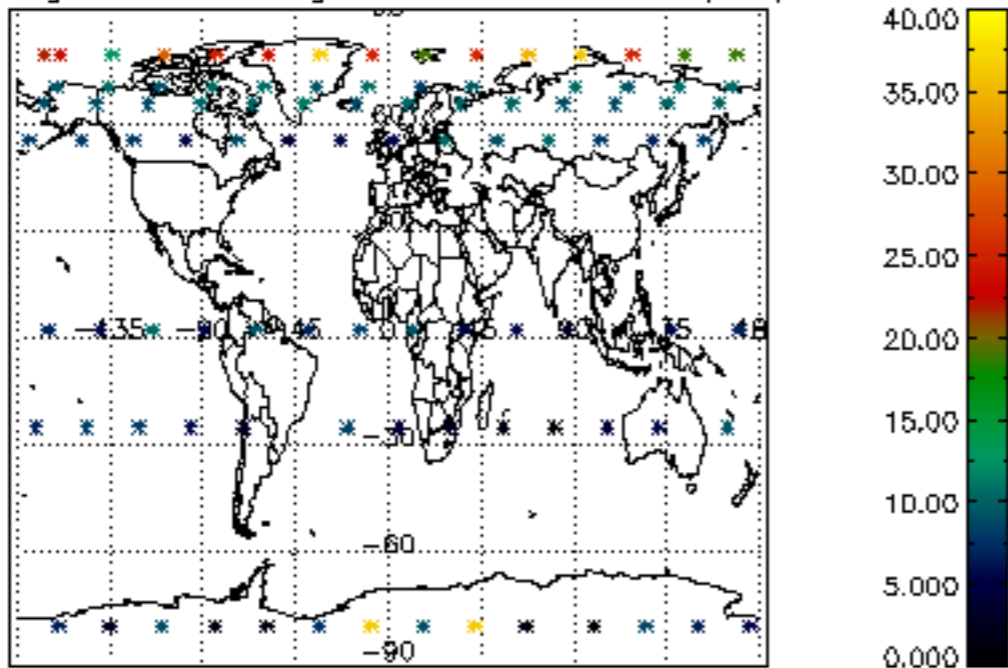
Percentage of cosmic ray hits per profile



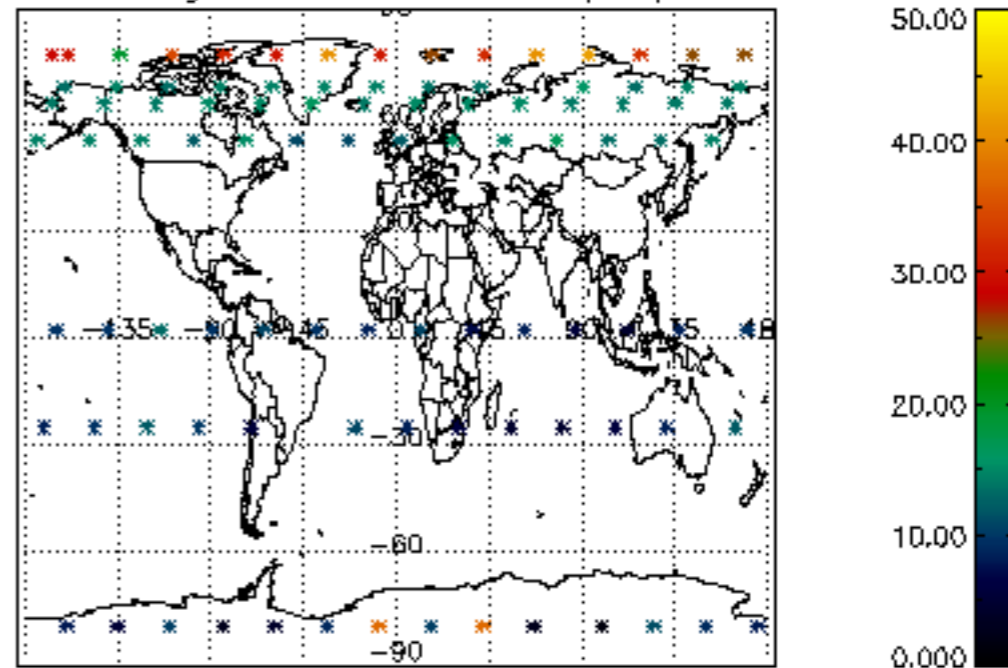
Percentage of datation errors per profile

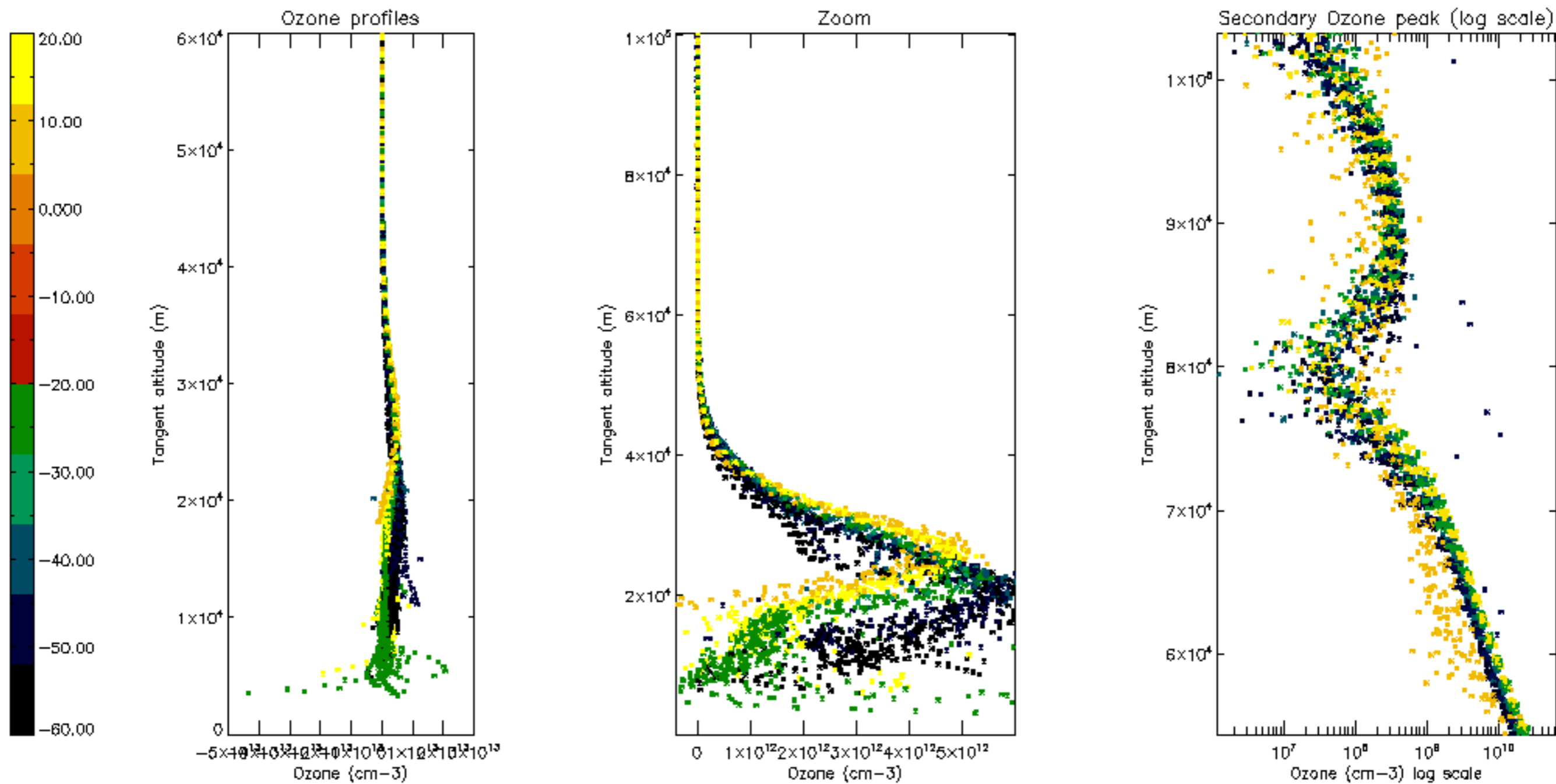


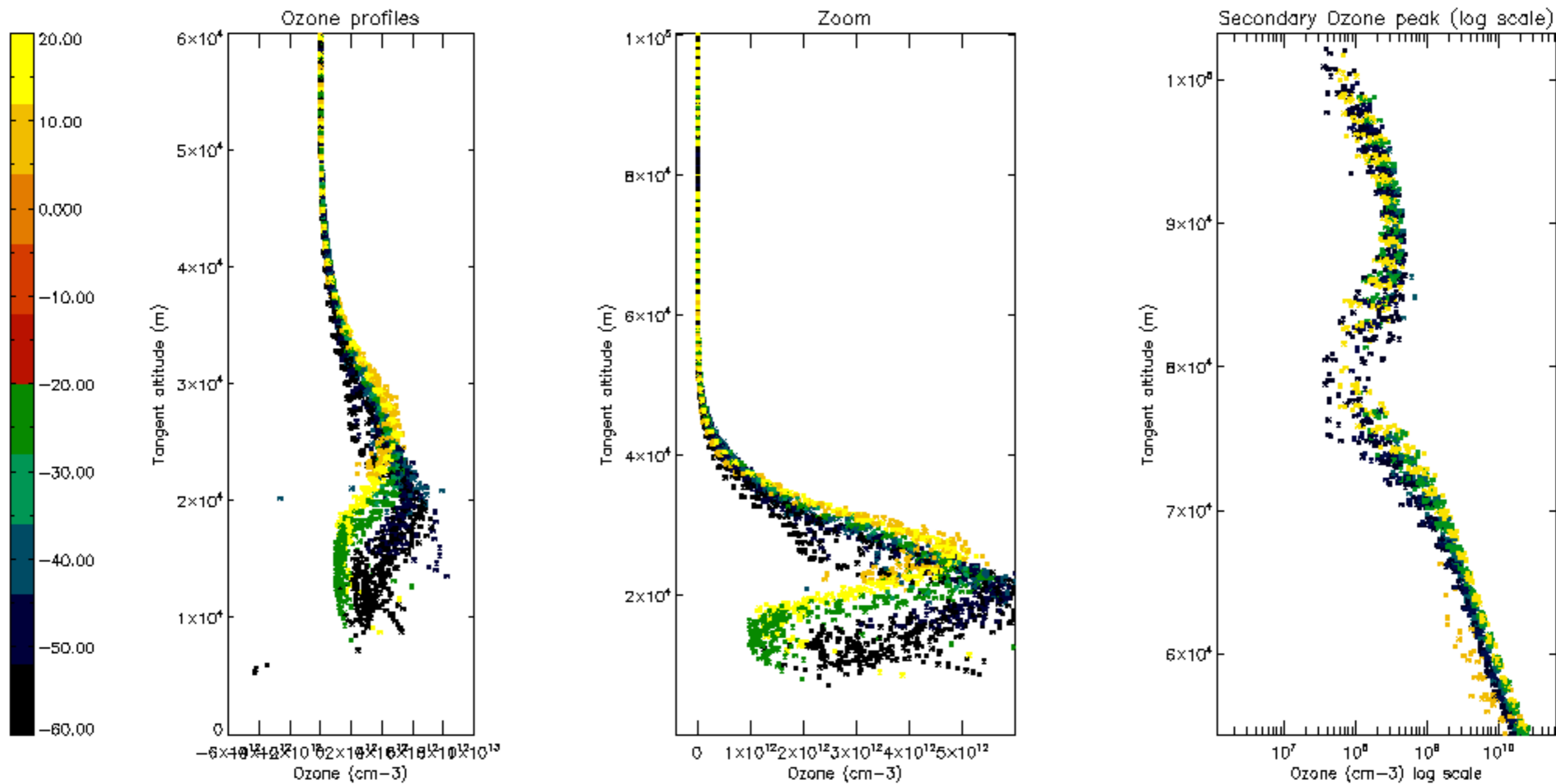
Percentage of star falling outside central band per profile

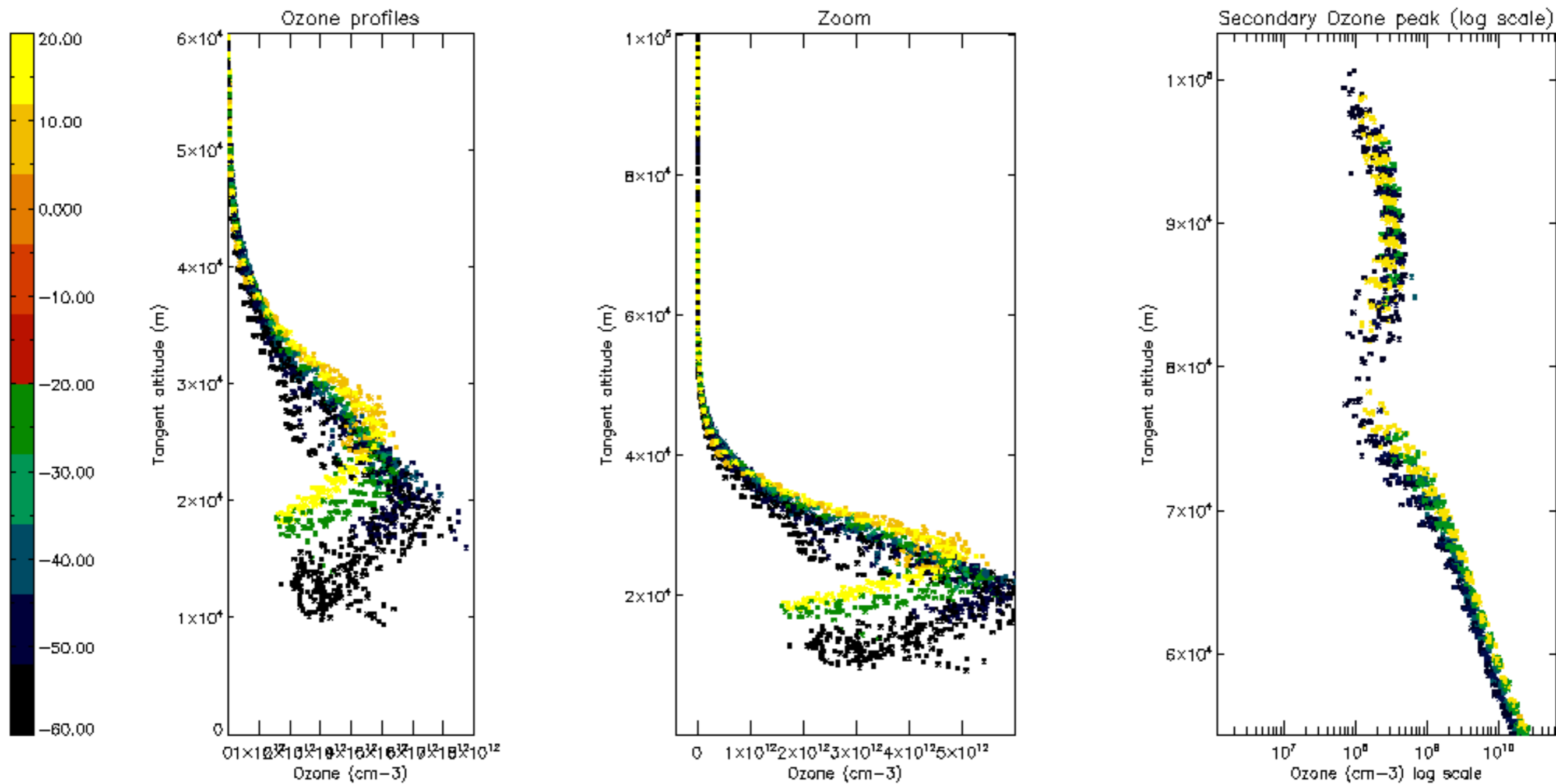


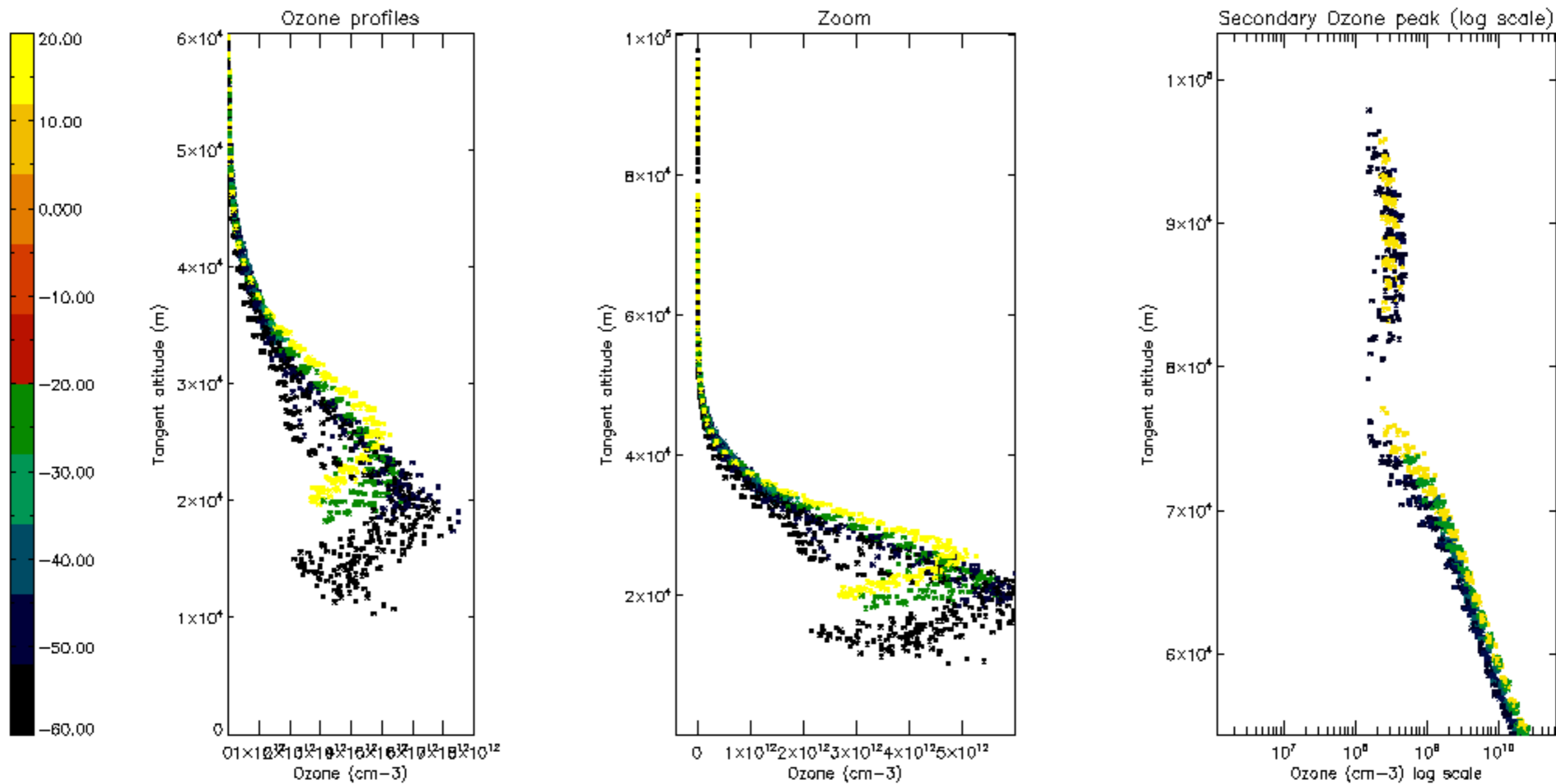
Percentage of saturation errors per profile

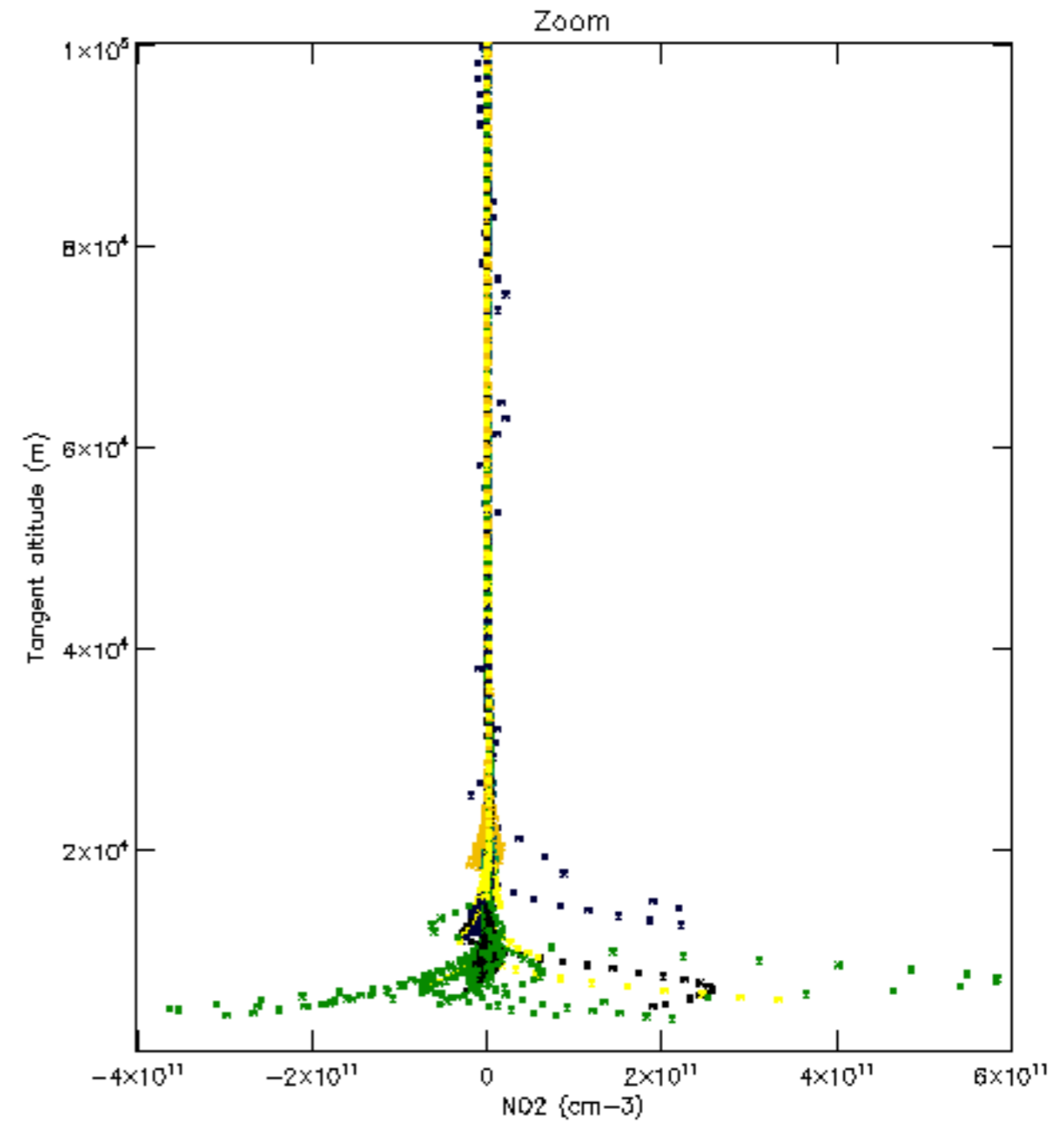
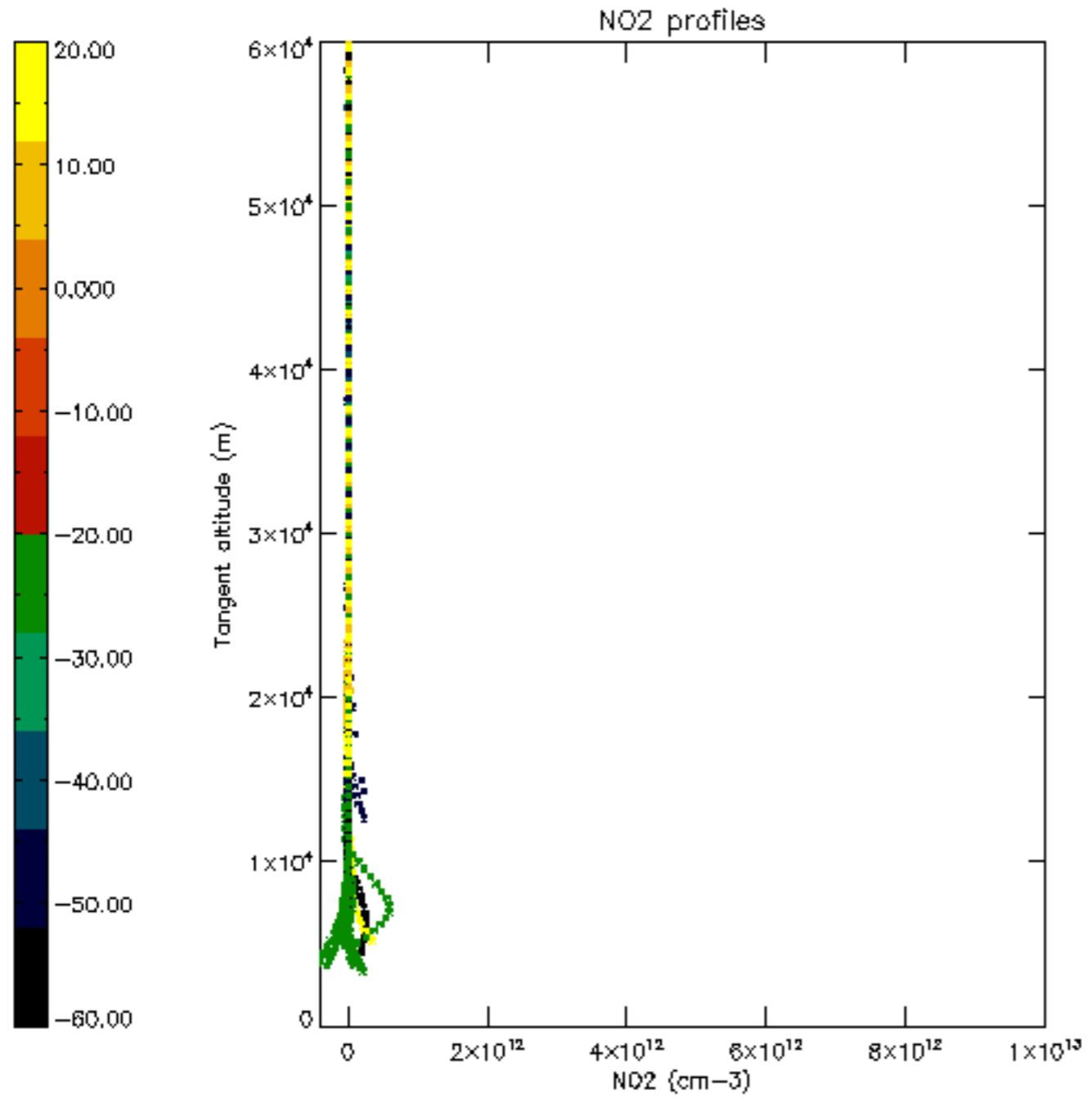


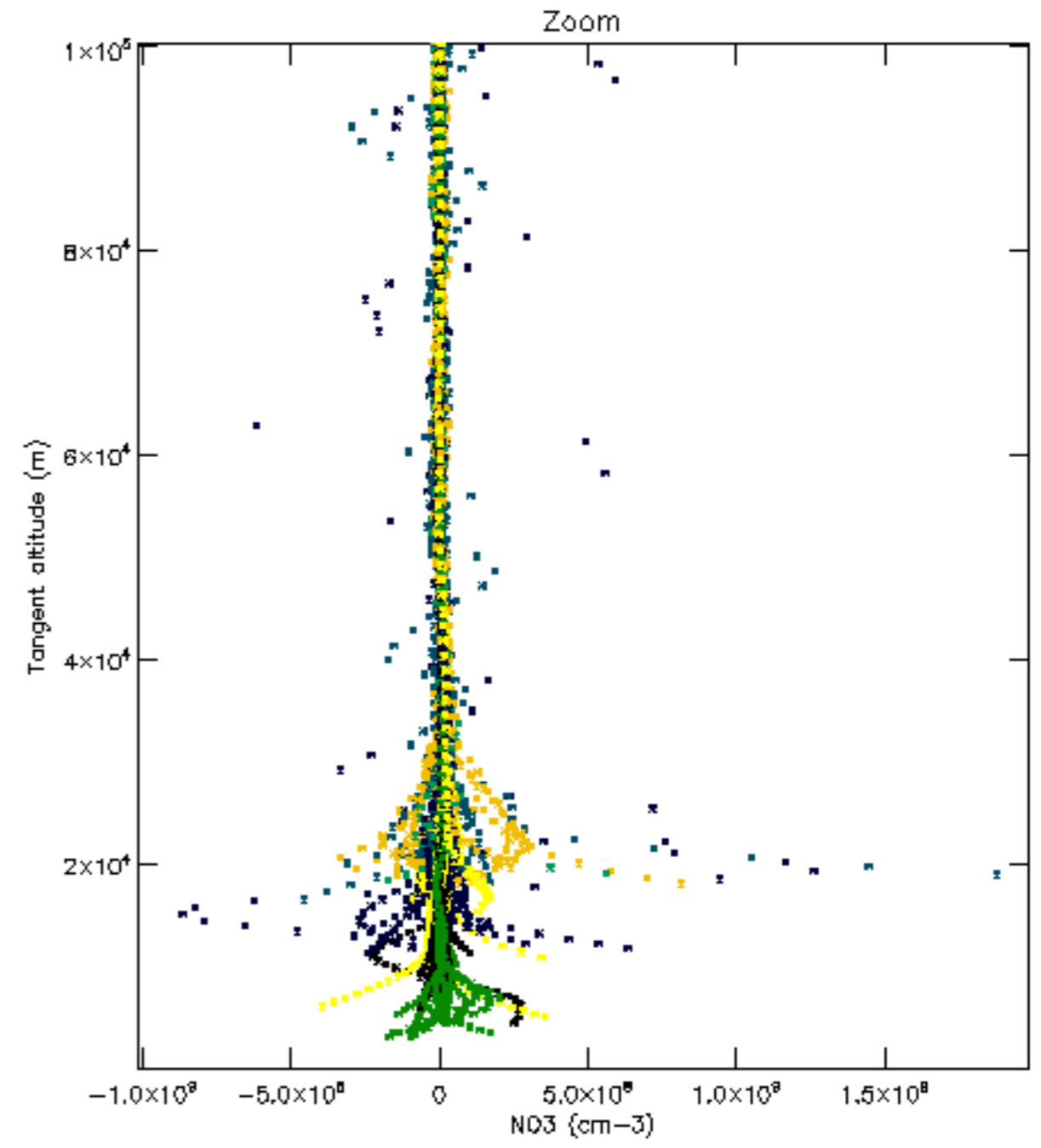
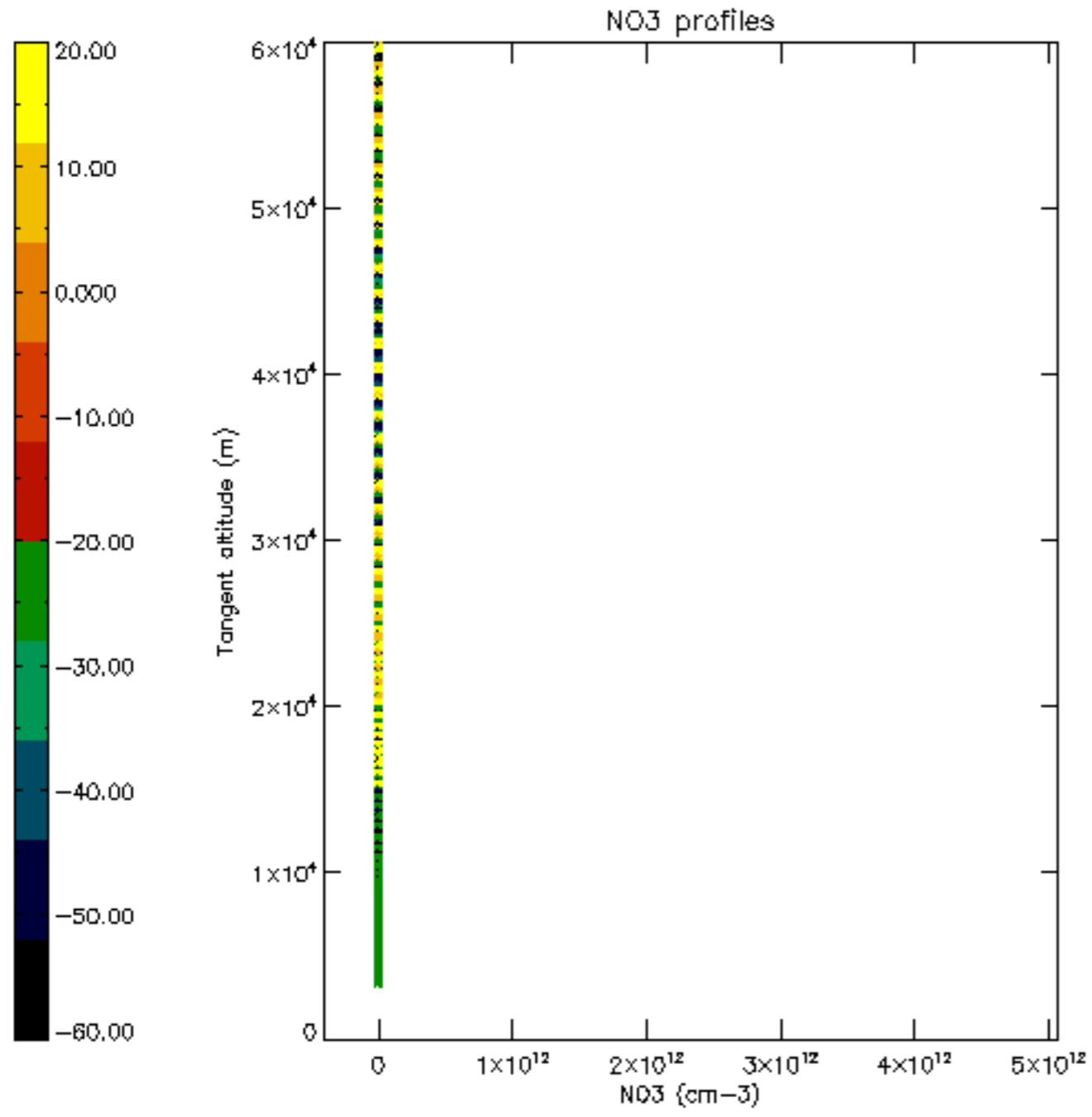


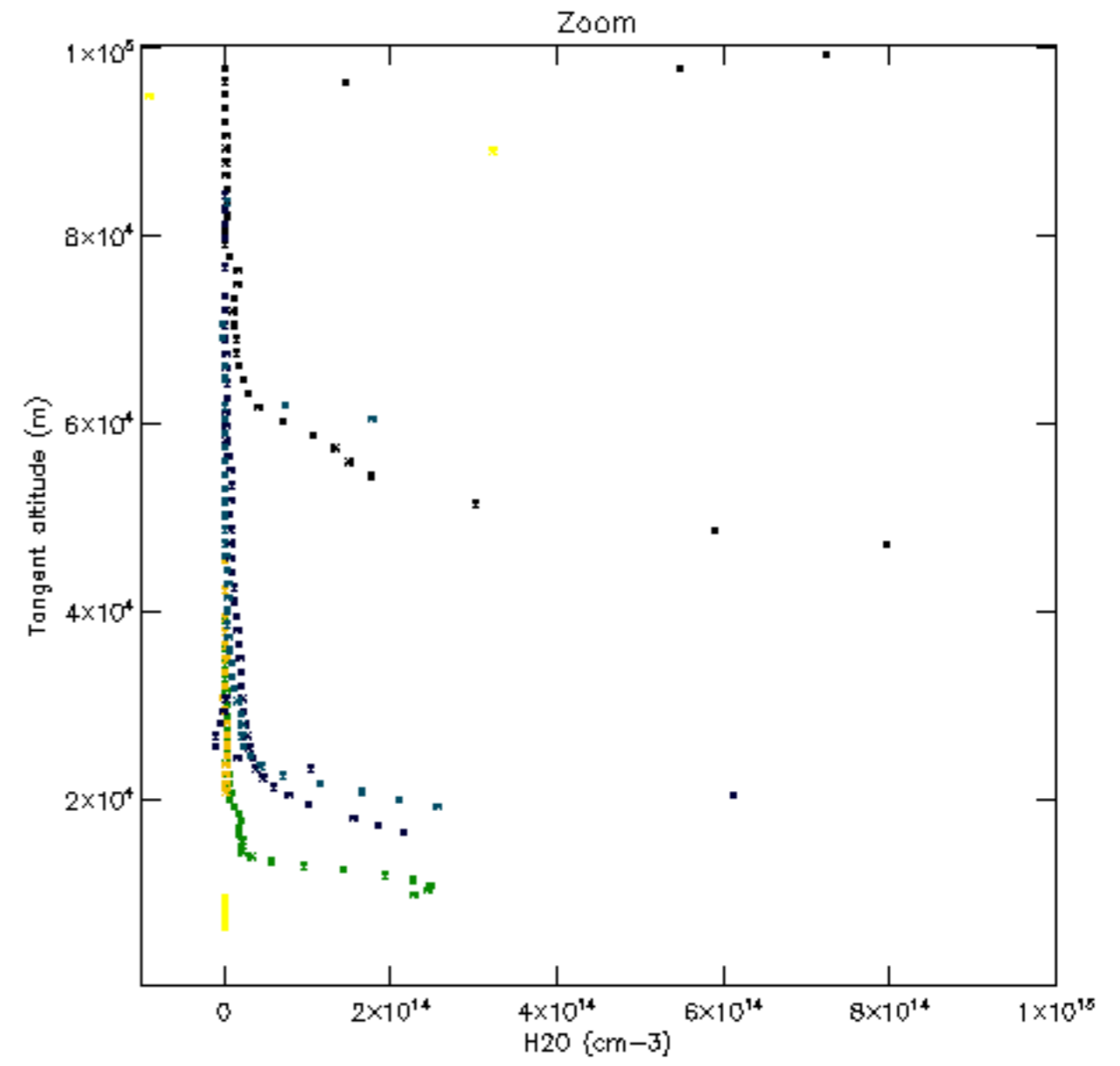
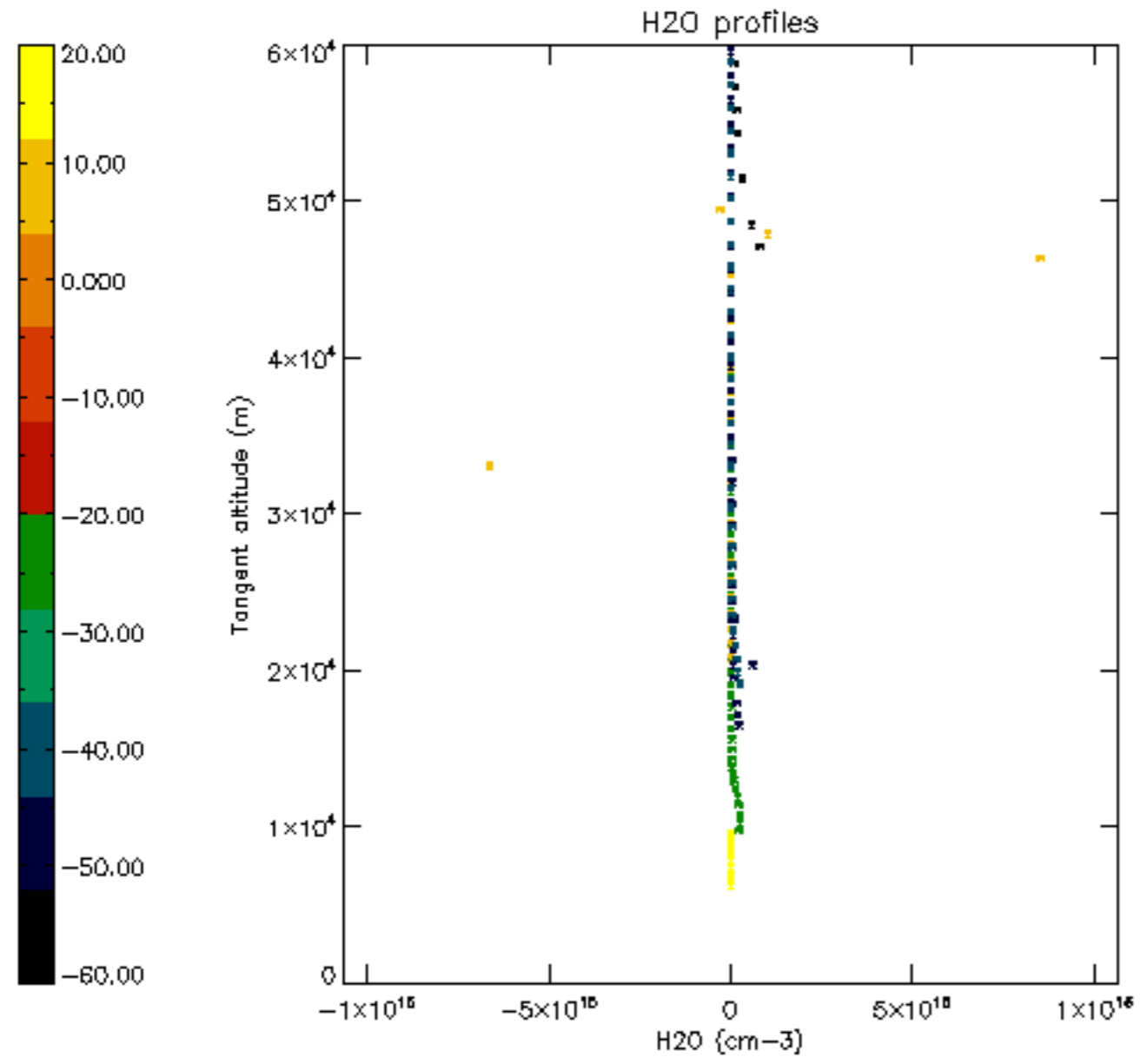


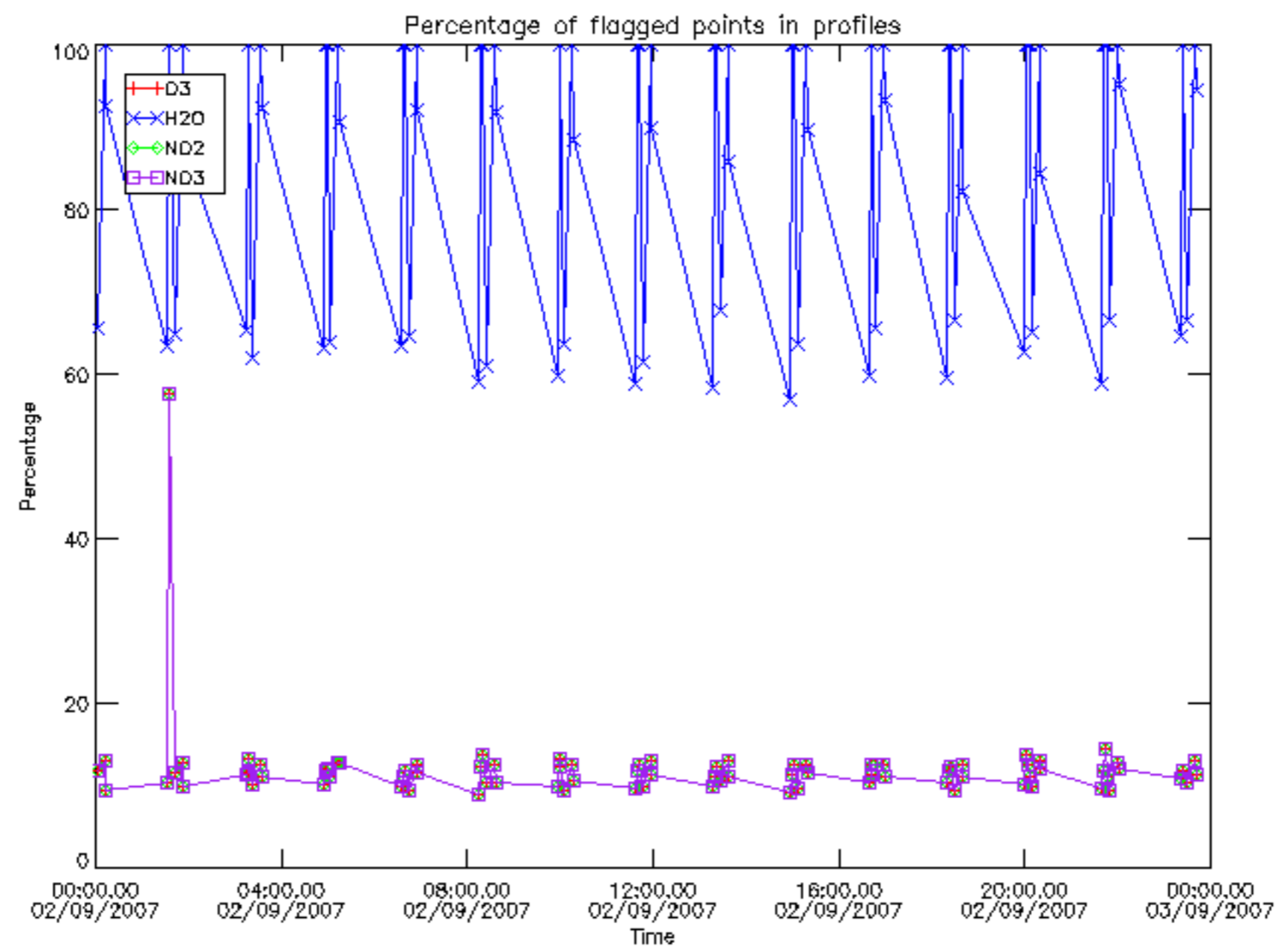




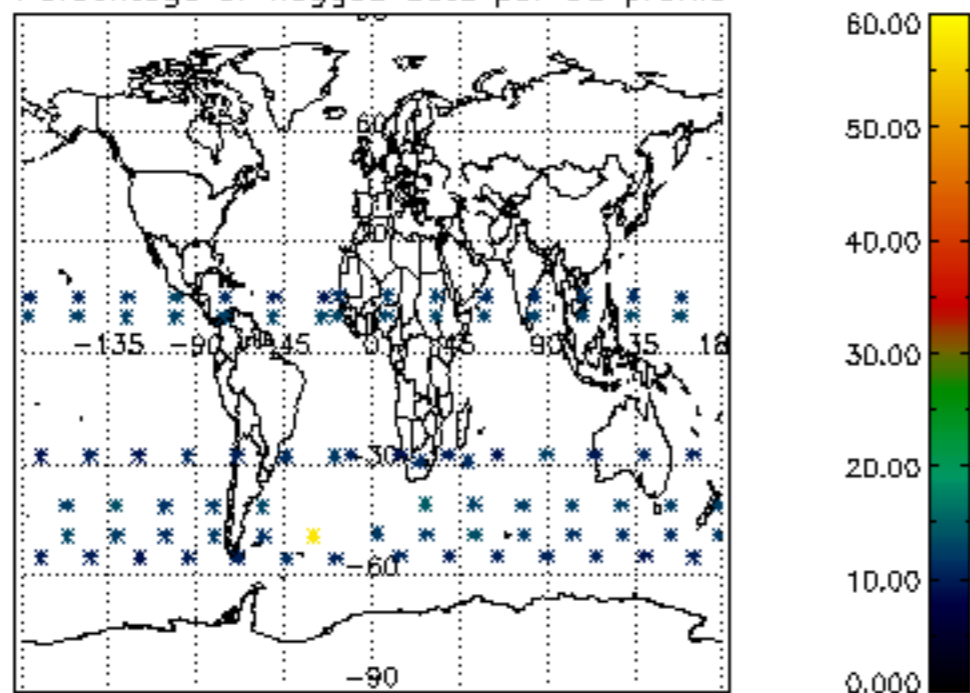




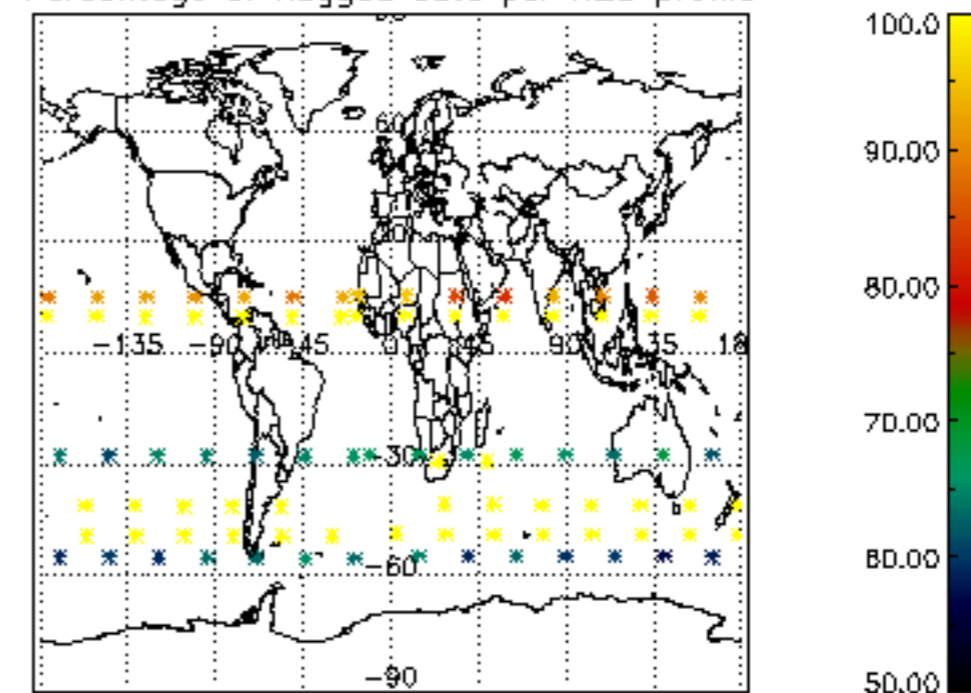




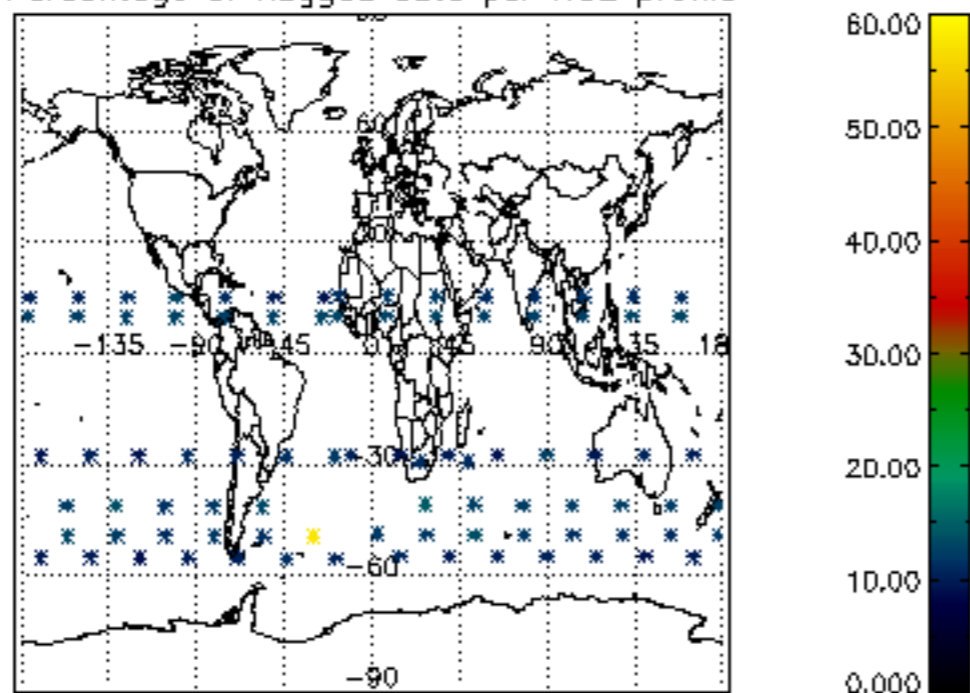
Percentage of flagged data per D3 profile



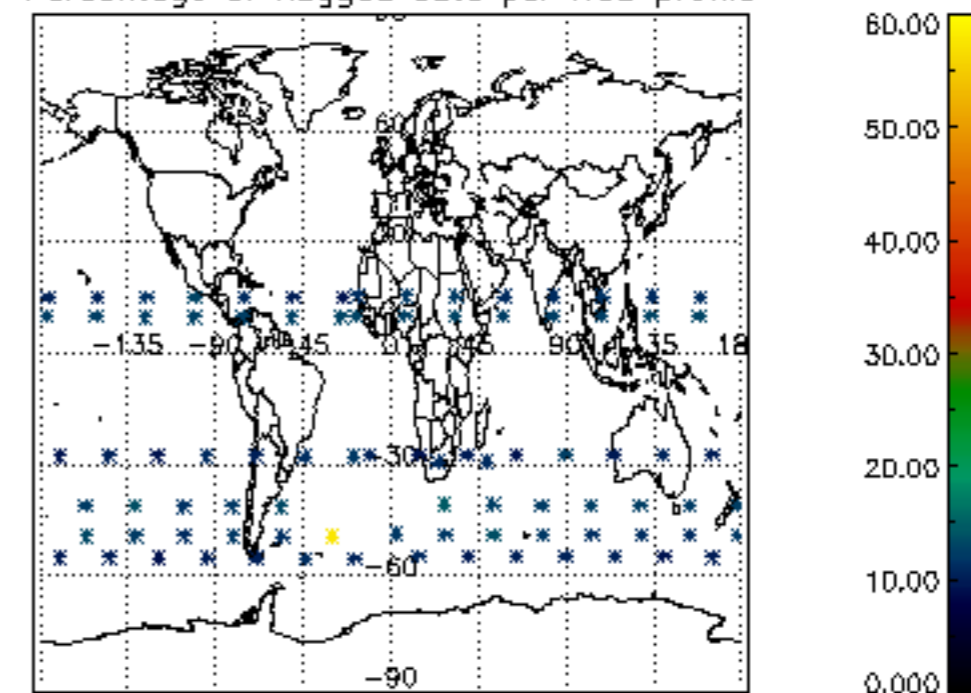
Percentage of flagged data per H2O profile

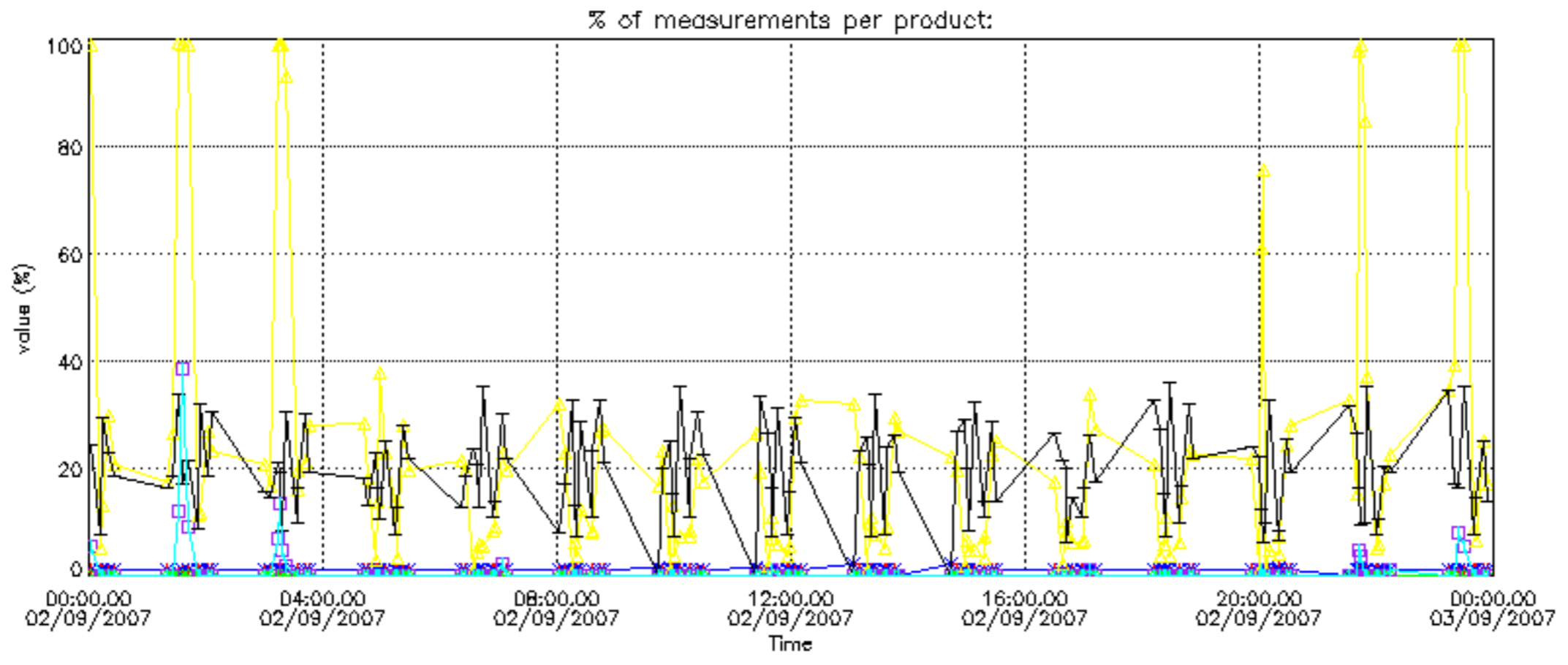


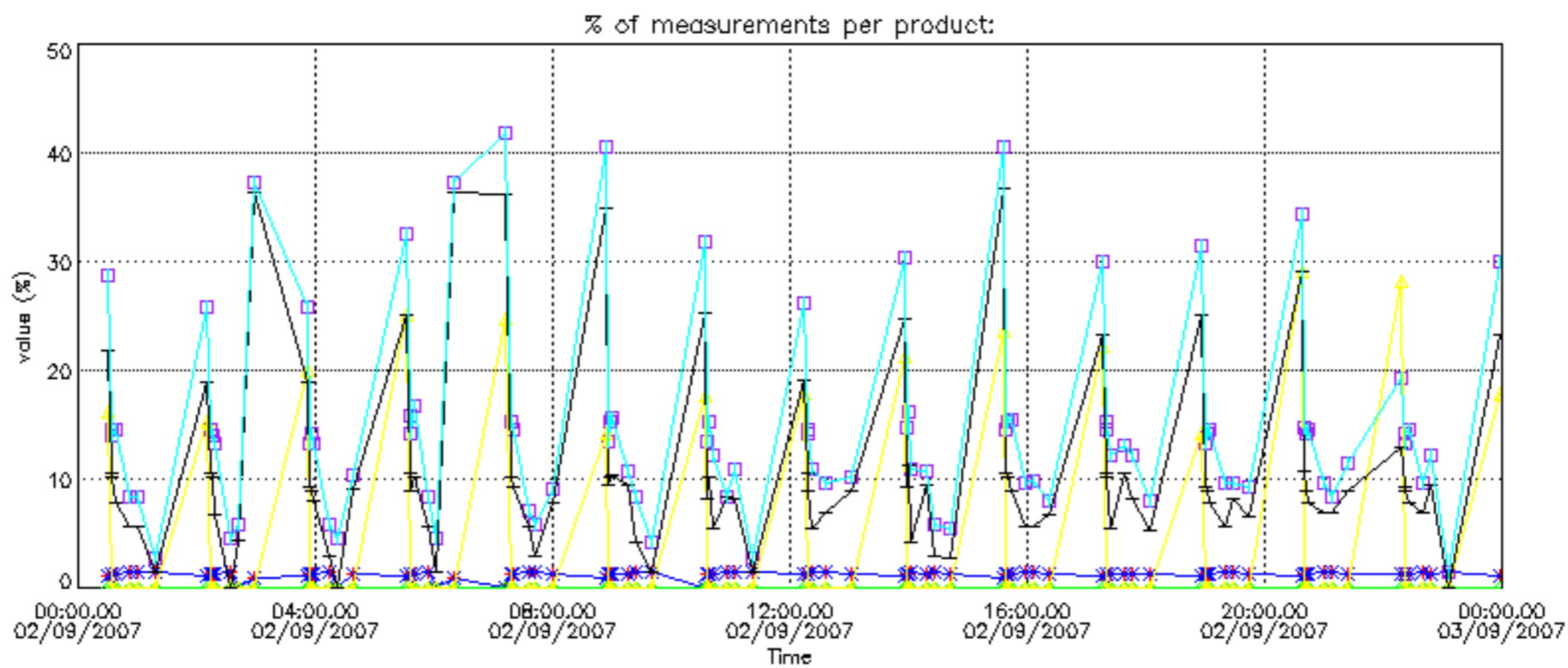
Percentage of flagged data per NO2 profile



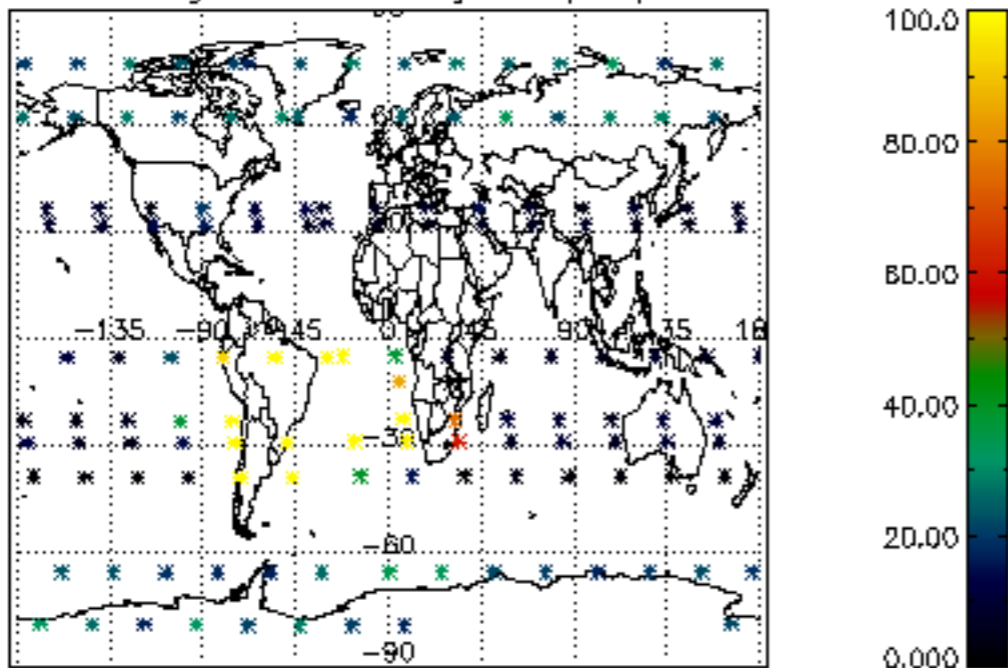
Percentage of flagged data per NO3 profile



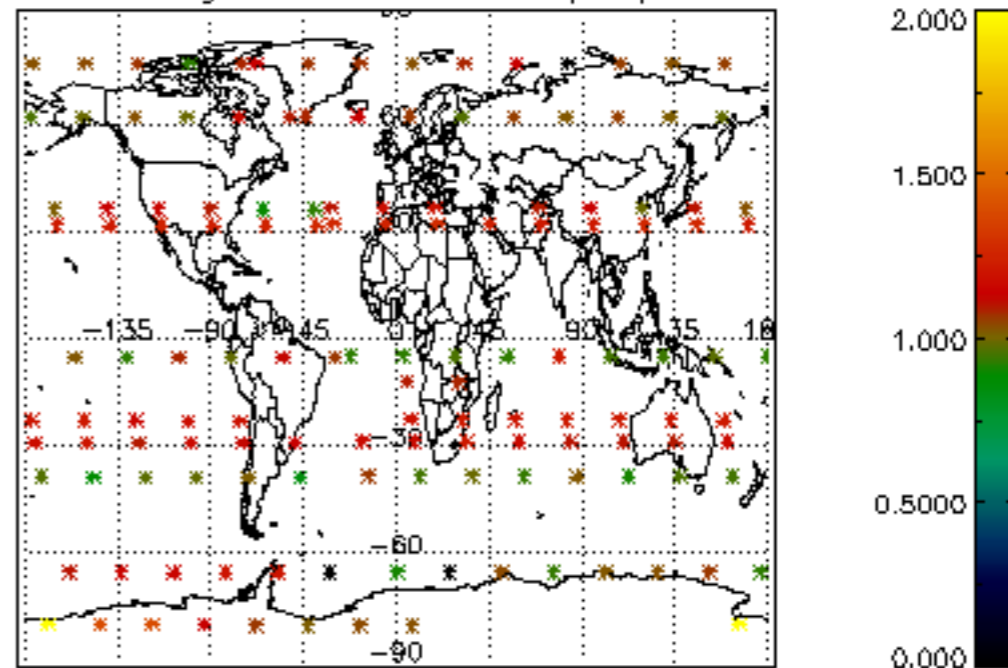




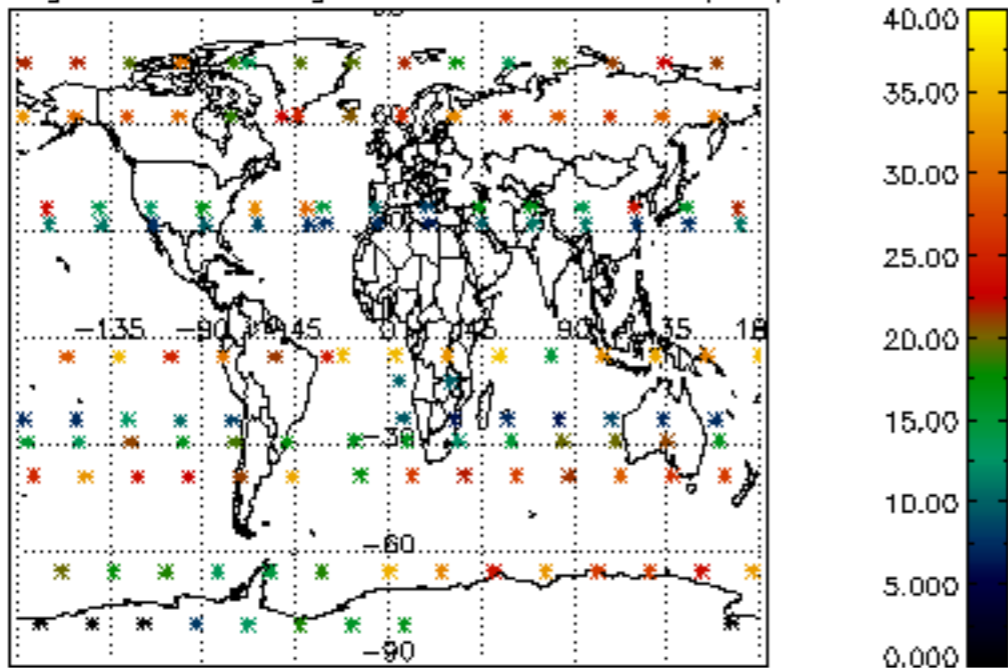
Percentage of cosmic ray hits per profile



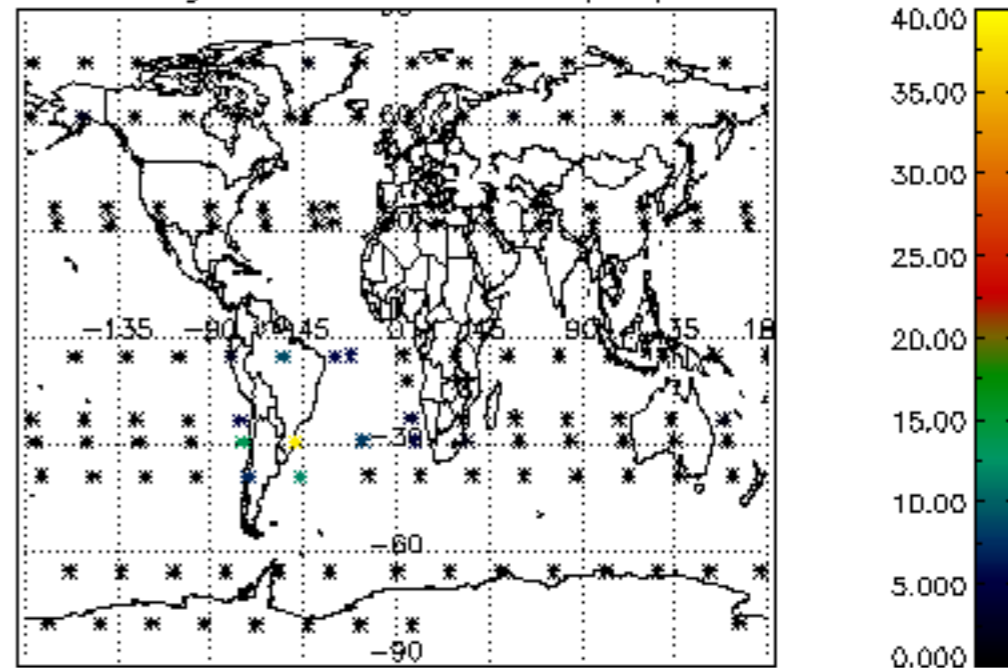
Percentage of datation errors per profile



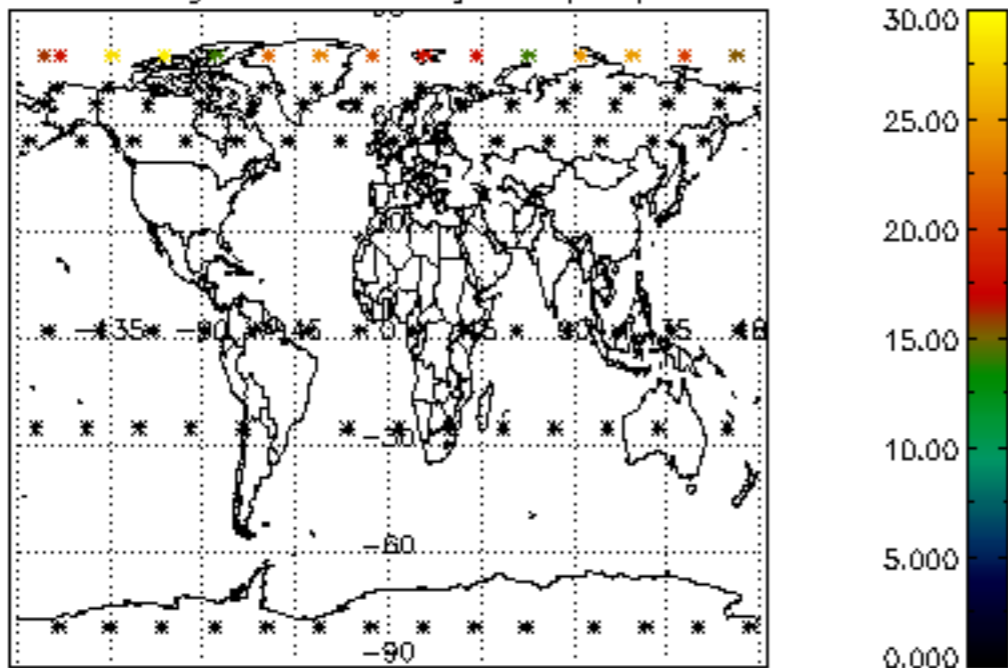
Percentage of star falling outside central band per profile



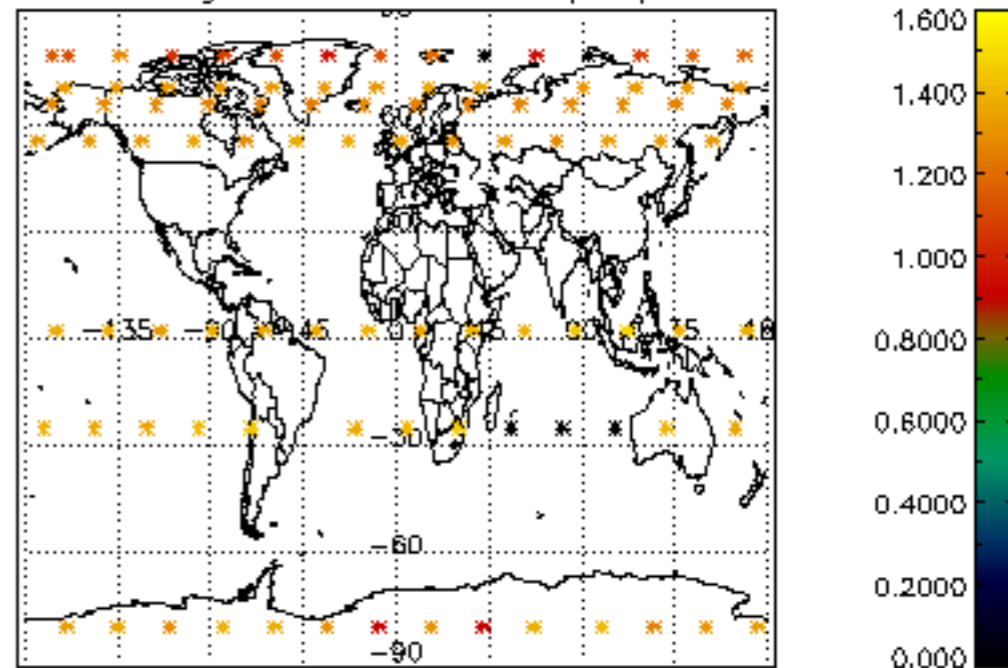
Percentage of saturation errors per profile



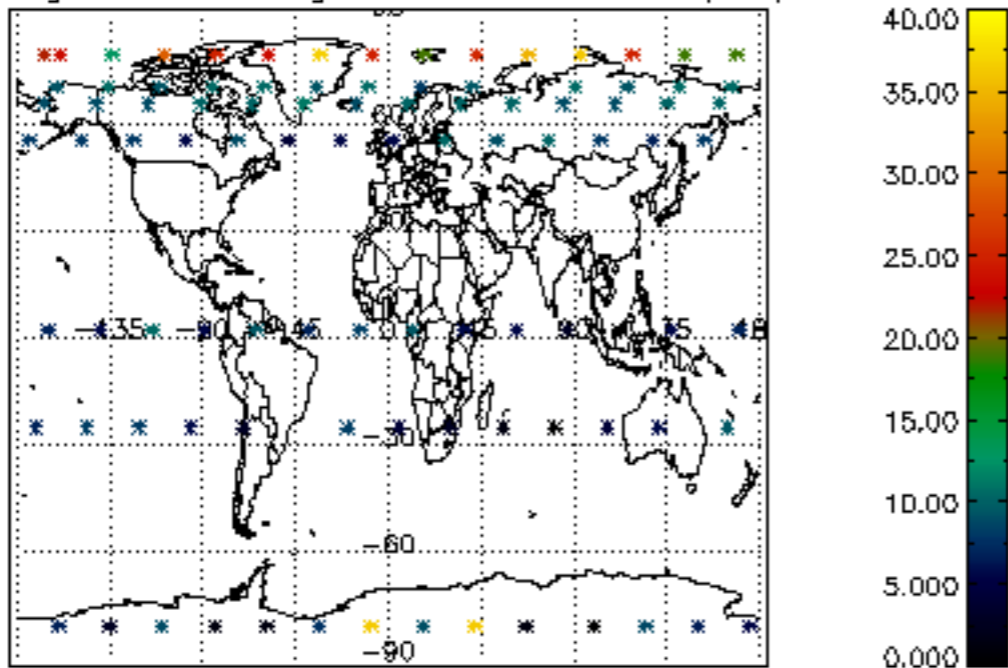
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

