

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	22APR2013 13:40:43
Data source version	GOMOS/6.01
Start time of products	11-02-2007 (11FEB2007 00:00:00)
Stop time of products	12-02-2007 (12FEB2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	295
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

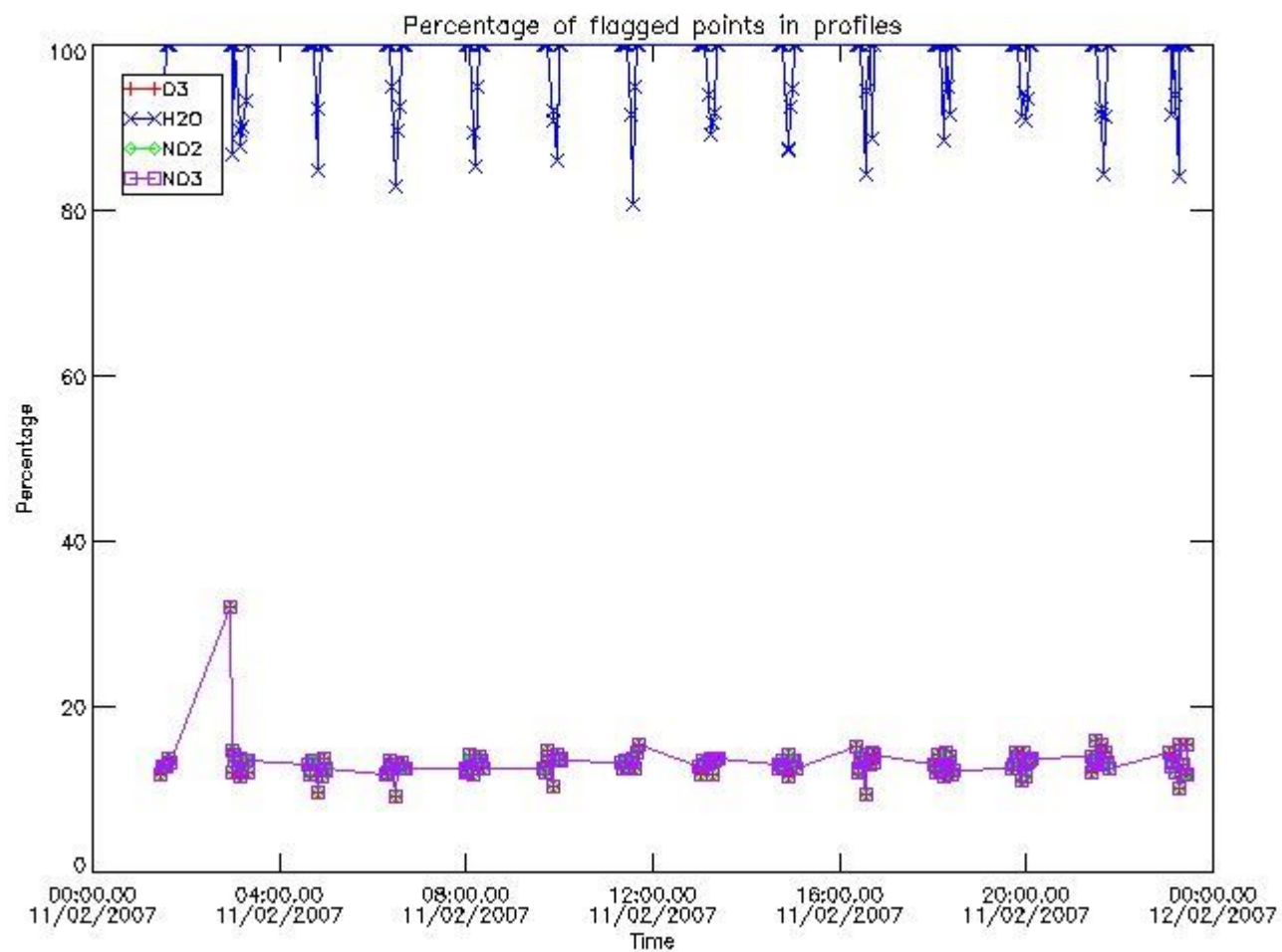
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070211_012812_000000442055_00275_25880_8712.N1	11-FEB-2007 01:28:12	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	25880	No
2	GOM_NL__2PRFIN20070211_012930_000000402055_00275_25880_8713.N1	11-FEB-2007 01:29:30	Dark	40.000	10	Bet Cen	0.610000	28000.	80	25880	No
3	GOM_NL__2PRFIN20070211_013242_000000402055_00275_25880_8714.N1	11-FEB-2007 01:32:42	Dark	40.000	12	Alp1Cru	0.775000	30000.	80	25880	No
4	GOM_NL__2PRFIN20070211_013530_000000402055_00275_25880_8715.N1	11-FEB-2007 01:35:30	Dark	40.000	29	Bet Car	1.6720	10200.	80	25880	No
5	GOM_NL__2PRFIN20070211_013803_000000372055_00275_25880_8716.N1	11-FEB-2007 01:38:03	Dark	37.000	71	lot Car	2.2460	7700.0	74	25880	No
6	GOM_NL__2PRFIN20070211_013942_000000392055_00275_25880_8717.N1	11-FEB-2007 01:39:42	Dark	38.500	46	Del Vel	1.9540	10600.	77	25880	No
7	GOM_NL__2PRFIN20070211_014208_000000382055_00275_25880_8718.N1	11-FEB-2007 01:42:08	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	25880	No
8	GOM_NL__2PRFIN20070211_014412_000000412055_00275_25880_8719.N1	11-FEB-2007 01:44:12	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	25880	No
9	GOM_NL__2PRFIN20070211_014734_000000382055_00275_25880_8720.N1	11-FEB-2007 01:47:34	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	25880	No
10	GOM_NL__2PRFIN20070211_015700_000000482055_00275_25880_8721.N1	11-FEB-2007 01:57:00	Bright	47.500	8	10Alp CMi	0.400000	6500.0	95	25880	No
11	GOM_NL__2PRFIN20070211_020323_000000392055_00275_25880_8722.N1	11-FEB-2007 02:03:23	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	25880	No
12	GOM_NL__2PRFIN20070211_022047_000000352055_00275_25880_8723.N1	11-FEB-2007 02:20:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25880	No
13	GOM_NL__2PRFIN20070211_022730_000000362055_00275_25880_8724.N1	11-FEB-2007 02:27:30	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25880	No
14	GOM_NL__2PRFIN20070211_023320_000000352055_00275_25880_8725.N1	11-FEB-2007 02:33:20	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	25880	No
15	GOM_NL__2PRFIN20070211_023540_000000362055_00275_25880_8726.N1	11-FEB-2007 02:35:40	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	25880	No
16	GOM_NL__2PRFIN20070211_024227_000000332055_00275_25880_8727.N1	11-FEB-2007 02:42:27	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25880	No
17	GOM_NL__2PRFIN20070211_025618_000000402055_00275_25880_8728.N1	11-FEB-2007 02:56:18	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	25880	No
18	GOM_NL__2PRFIN20070211_025814_000000422055_00275_25880_8729.N1	11-FEB-2007 02:58:14	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	25880	No
19	GOM_NL__2PRFIN20070211_025935_000000422055_00275_25880_8730.N1	11-FEB-2007 02:59:35	Dark	42.000	40	The Sco	1.8590	7100.0	84	25880	No
20	GOM_NL__2PRFIN20070211_030123_000000362055_00275_25880_8731.N1	11-FEB-2007 03:01:23	Dark	36.000	147	Alp Ara	2.8770	26000.	72	25880	No
21	GOM_NL__2PRFIN20070211_030253_000000382055_00275_25880_8732.N1	11-FEB-2007 03:02:53	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25880	No
22	GOM_NL__2PRFIN20070211_030849_000000442055_00276_25881_8734.N1	11-FEB-2007 03:08:49	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	25881	No
23	GOM_NL__2PRFIN20070211_031006_000000412055_00276_25881_8735.N1	11-FEB-2007 03:10:06	Dark	41.000	10	Bet Cen	0.610000	28000.	82	25881	No
24	GOM_NL__2PRFIN20070211_031318_000000412055_00276_25881_8736.N1	11-FEB-2007 03:13:18	Dark	41.000	12	Alp1Cru	0.775000	30000.	82	25881	No
25	GOM_NL__2PRFIN20070211_031606_000000382055_00276_25881_8737.N1	11-FEB-2007 03:16:06	Dark	38.000	29	Bet Car	1.6720	10200.	76	25881	No
26	GOM_NL__2PRFIN20070211_031839_000000422055_00276_25881_8738.N1	11-FEB-2007 03:18:39	Dark	42.000	71	lot Car	2.2460	7700.0	84	25881	No
27	GOM_NL__2PRFIN20070211_032019_000000422055_00276_25881_8739.N1	11-FEB-2007 03:20:19	Dark	41.500	46	Del Vel	1.9540	10600.	83	25881	No
28	GOM_NL__2PRFIN20070211_032244_000000412055_00276_25881_8740.N1	11-FEB-2007 03:22:44	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	25881	No
29	GOM_NL__2PRFIN20070211_032448_000000402055_00276_25881_8741.N1	11-FEB-2007 03:24:48	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	25881	No
30	GOM_NL__2PRFIN20070211_032810_000000402055_00276_25881_8742.N1	11-FEB-2007 03:28:10	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	25881	No
31	GOM_NL__2PRFIN20070211_033736_000000432055_00276_25881_8743.N1	11-FEB-2007 03:37:36	Bright	43.000	8	10Alp CMi	0.400000	6500.0	86	25881	No
32	GOM_NL__2PRFIN20070211_034359_000000392055_00276_25881_8744.N1	11-FEB-2007 03:43:59	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	25881	No
33	GOM_NL__2PRFIN20070211_040123_000000362055_00276_25881_8745.N1	11-FEB-2007 04:01:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25881	No
34	GOM_NL__2PRFIN20070211_040806_000000522055_00276_25881_8746.N1	11-FEB-2007 04:08:06	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	25881	No
35	GOM_NL__2PRFIN20070211_041357_000000342055_00276_25881_8747.N1	11-FEB-2007 04:13:57	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	25881	No
36	GOM_NL__2PRFIN20070211_041616_000000352055_00276_25881_8748.N1	11-FEB-2007 04:16:16	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25881	No
37	GOM_NL__2PRFIN20070211_042304_000000332055_00276_25881_8749.N1	11-FEB-2007 04:23:04	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25881	No
38	GOM_NL__2PRFIN20070211_043427_000000402055_00276_25881_8750.N1	11-FEB-2007 04:34:27	Twilight	40.000	137	22Lam Sgr	2.8240	4400.0	80	25881	No
39	GOM_NL__2PRFIN20070211_043654_000000392055_00276_25881_8751.N1	11-FEB-2007 04:36:54	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	25881	No
40	GOM_NL__2PRFIN20070211_043850_000000442055_00276_25881_8752.N1	11-FEB-2007 04:38:50	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	25881	No
41	GOM_NL__2PRFIN20070211_044011_000000422055_00276_25881_8753.N1	11-FEB-2007 04:40:11	Dark	41.500	40	The Sco	1.8590	7100.0	83	25881	No
42	GOM_NL__2PRFIN20070211_044200_000000382055_00276_25881_8754.N1	11-FEB-2007 04:42:00	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25881	No

279	GOM_NL__2PRFIN20070211_230052_000000372055_00287_25892_8921.N1	11-FEB-2007 23:00:52	Twilight	37.000	57	34Sig Sgr	2.0660	26000.	74	25892	No
280	GOM_NL__2PRFIN20070211_230333_000000392055_00287_25892_8922.N1	11-FEB-2007 23:03:33	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	25892	No
281	GOM_NL__2PRFIN20070211_230531_000000402055_00287_25892_8923.N1	11-FEB-2007 23:05:31	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	25892	No
282	GOM_NL__2PRFIN20070211_230651_000000432055_00287_25892_8924.N1	11-FEB-2007 23:06:51	Dark	42.500	40	The Sco	1.8590	7100.0	85	25892	No
283	GOM_NL__2PRFIN20070211_230839_000000382055_00287_25892_8925.N1	11-FEB-2007 23:08:39	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25892	No
284	GOM_NL__2PRFIN20070211_231008_000000432055_00287_25892_8926.N1	11-FEB-2007 23:10:08	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	25892	No
285	GOM_NL__2PRFIN20070211_231607_000000512055_00288_25893_8921.N1	11-FEB-2007 23:16:07	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	25893	No
286	GOM_NL__2PRFIN20070211_231725_000000332055_00288_25893_8922.N1	11-FEB-2007 23:17:25	Dark	33.000	10	Bet Cen	0.610000	28000.	66	25893	No
287	GOM_NL__2PRFIN20070211_232036_000000402055_00288_25893_8923.N1	11-FEB-2007 23:20:36	Dark	39.500	12	Alp1Cru	0.775000	30000.	79	25893	No
288	GOM_NL__2PRFIN20070211_232319_000000432055_00288_25893_8924.N1	11-FEB-2007 23:23:19	Dark	43.000	29	Bet Car	1.6720	10200.	86	25893	No
289	GOM_NL__2PRFIN20070211_232553_000000432055_00288_25893_8925.N1	11-FEB-2007 23:25:53	Dark	43.000	71	lot Car	2.2460	7700.0	86	25893	No
290	GOM_NL__2PRFIN20070211_232733_000000372055_00288_25893_8926.N1	11-FEB-2007 23:27:33	Dark	36.500	46	Del Vel	1.9540	10600.	73	25893	No
291	GOM_NL__2PRFIN20070211_232958_000000402055_00288_25893_8927.N1	11-FEB-2007 23:29:58	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	25893	No
292	GOM_NL__2PRFIN20070211_233202_000000382055_00288_25893_8928.N1	11-FEB-2007 23:32:02	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25893	No
293	GOM_NL__2PRFIN20070211_233620_000000402055_00288_25893_8929.N1	11-FEB-2007 23:36:20	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	25893	No
294	GOM_NL__2PRFIN20070211_234448_000000432055_00288_25893_8930.N1	11-FEB-2007 23:44:48	Bright	43.000	8	10Alp CMI	0.400000	6500.0	86	25893	No
295	GOM_NL__2PRFIN20070211_235110_000000382055_00288_25893_8931.N1	11-FEB-2007 23:51:10	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	25893	No

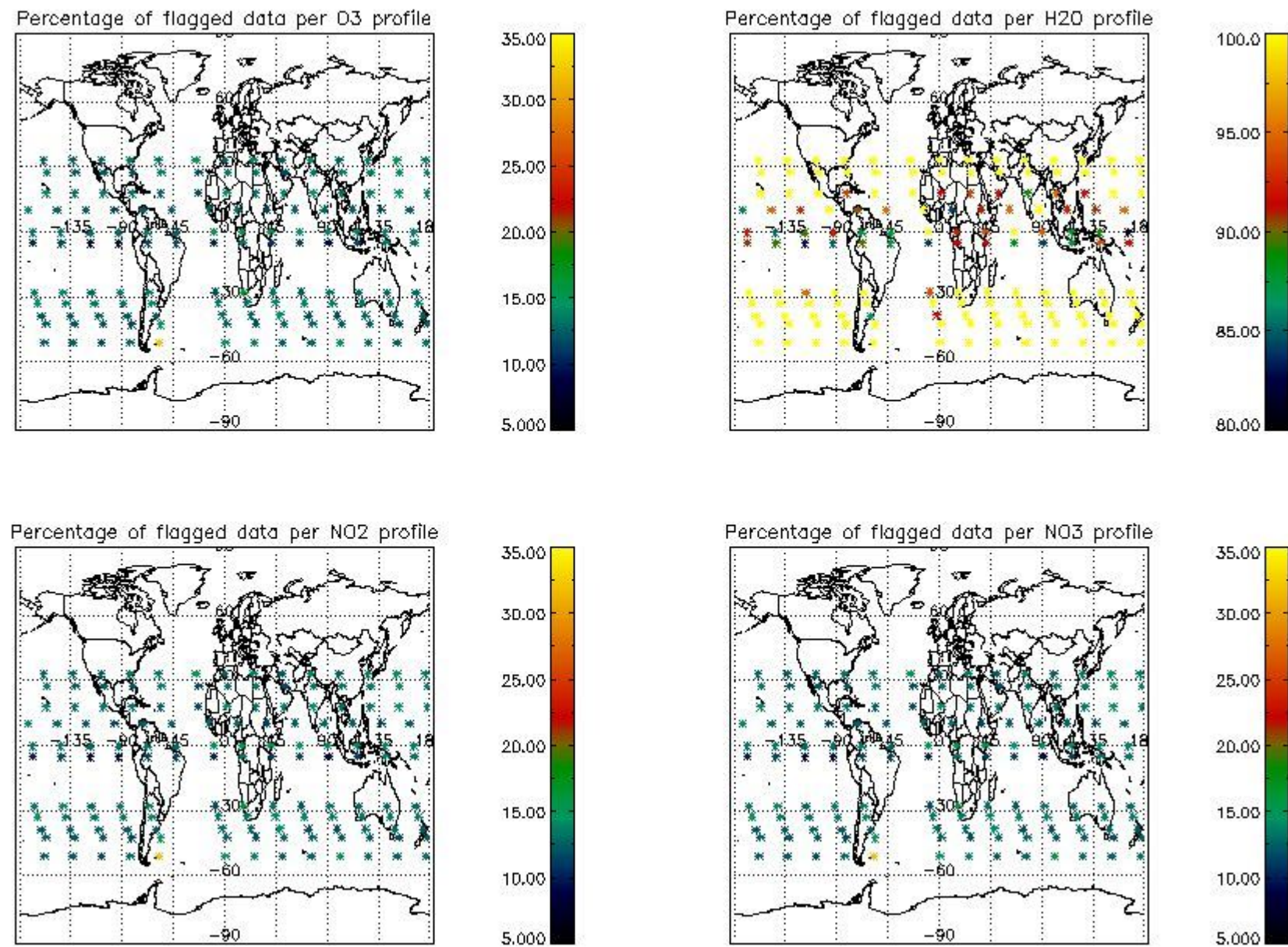
3. Quality information per product

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)

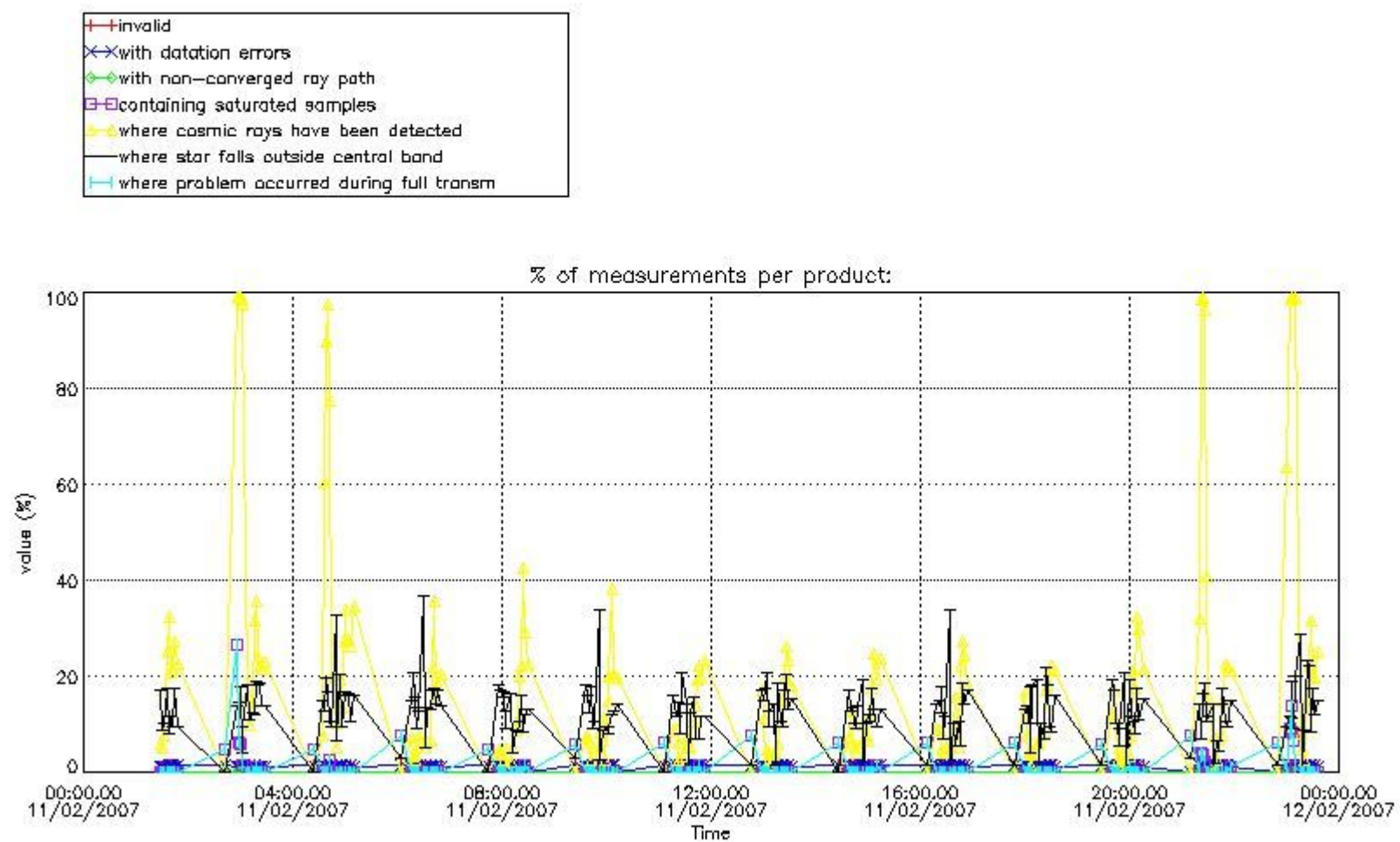


4. Level 1 quality information per product

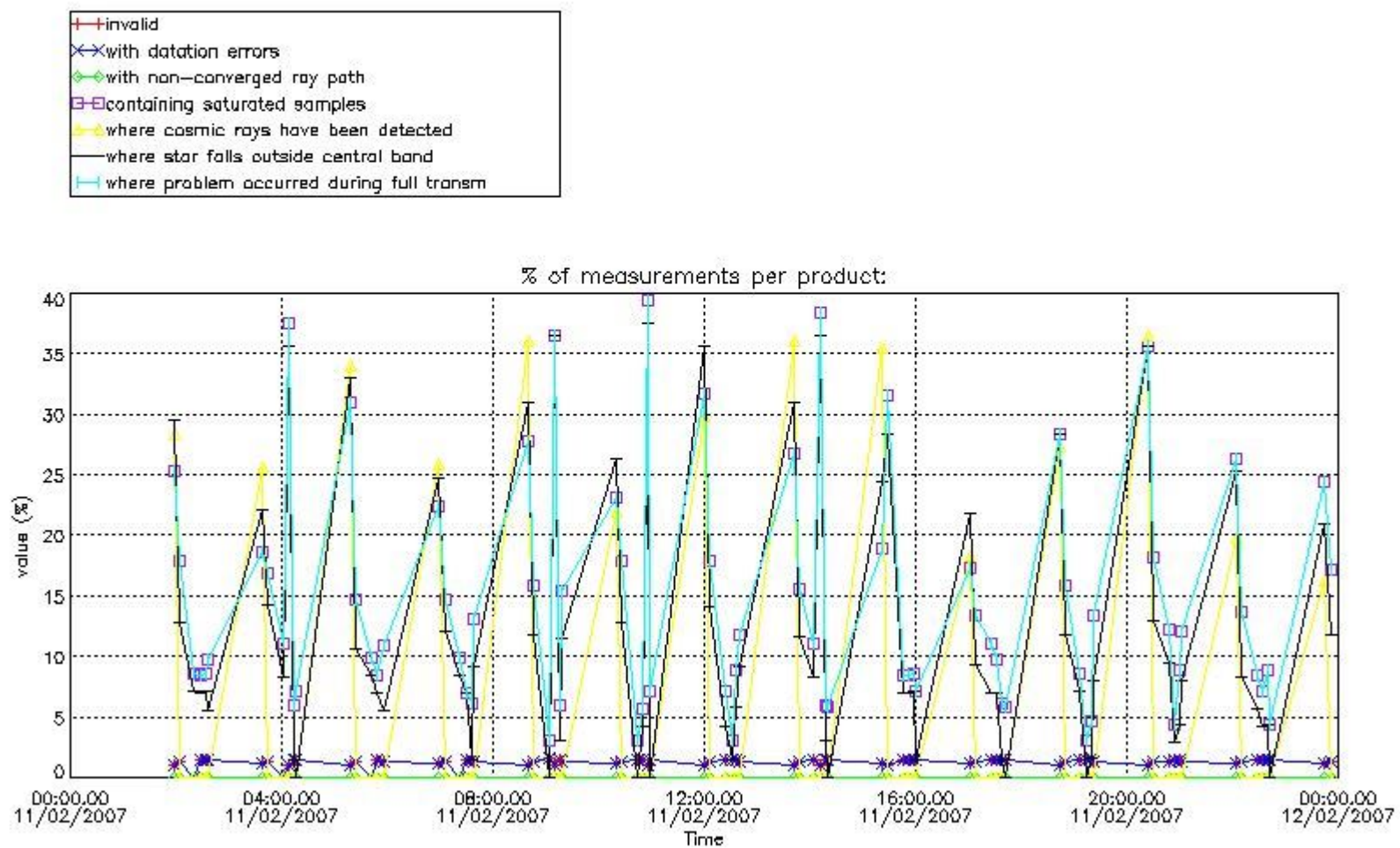
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

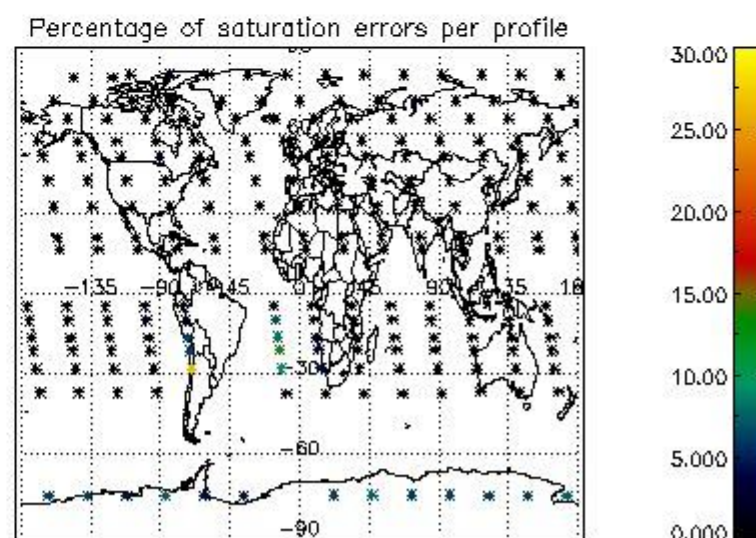
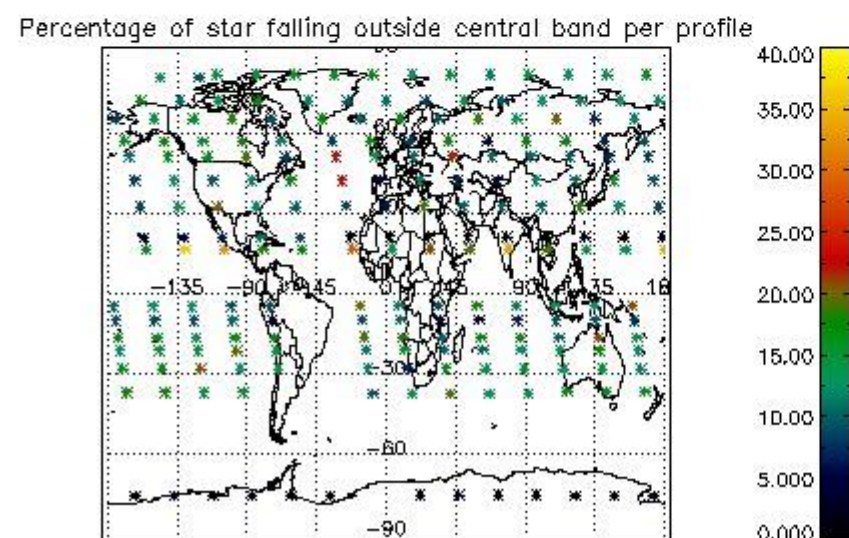
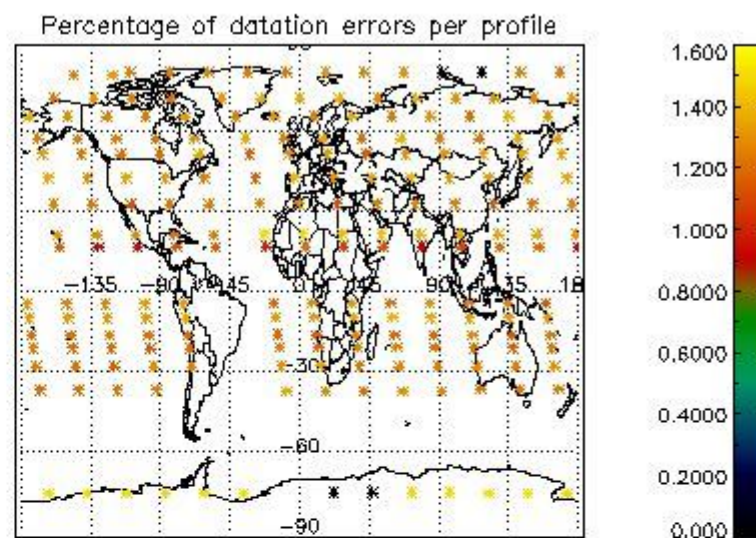
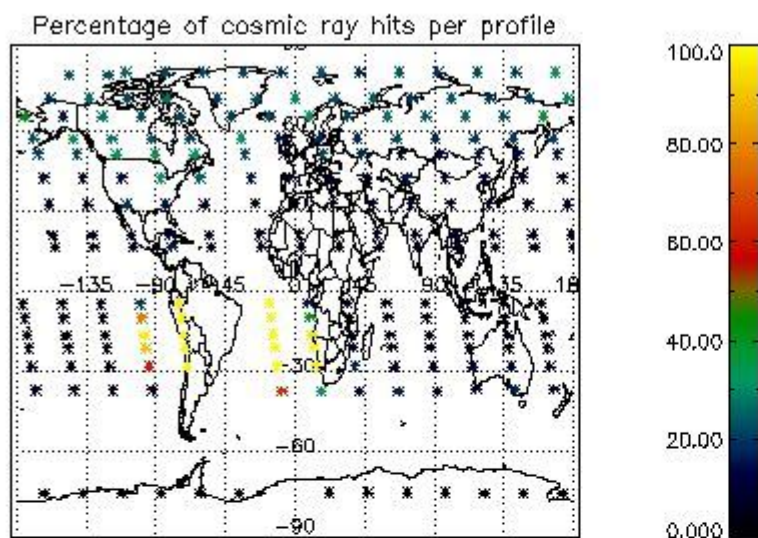


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



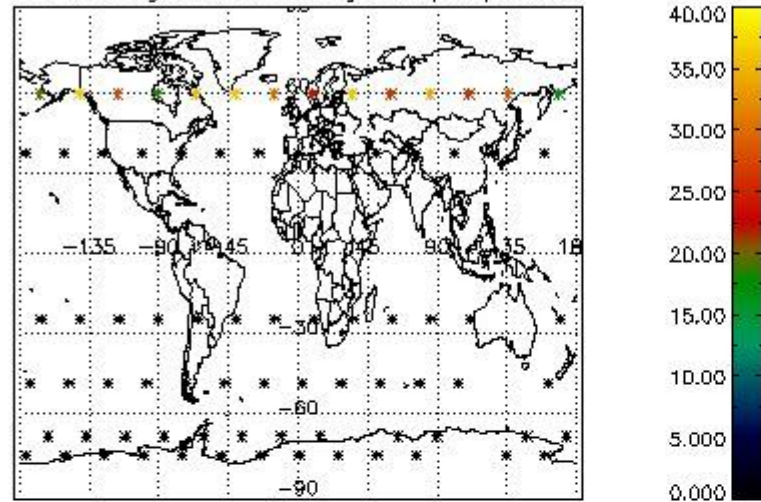
4.2 Plot quality information per product coming from level 1b processing (world map)

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

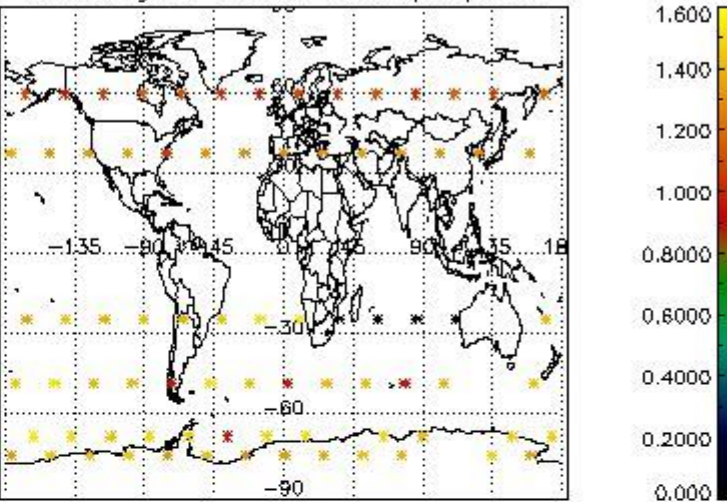


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

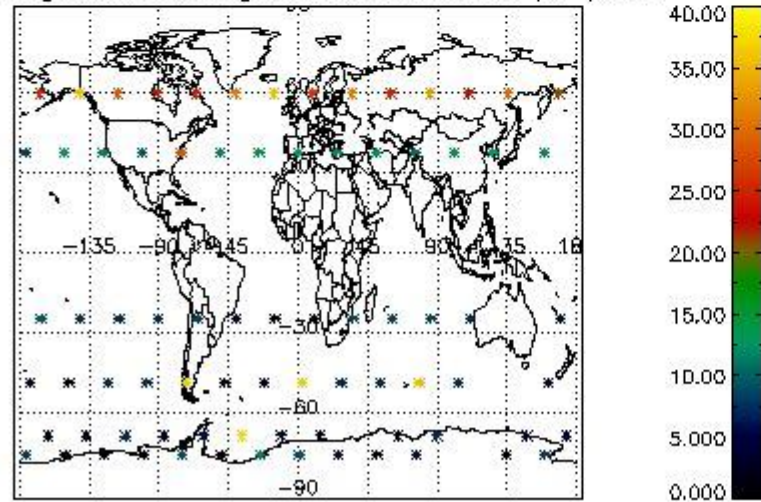
Percentage of cosmic ray hits per profile



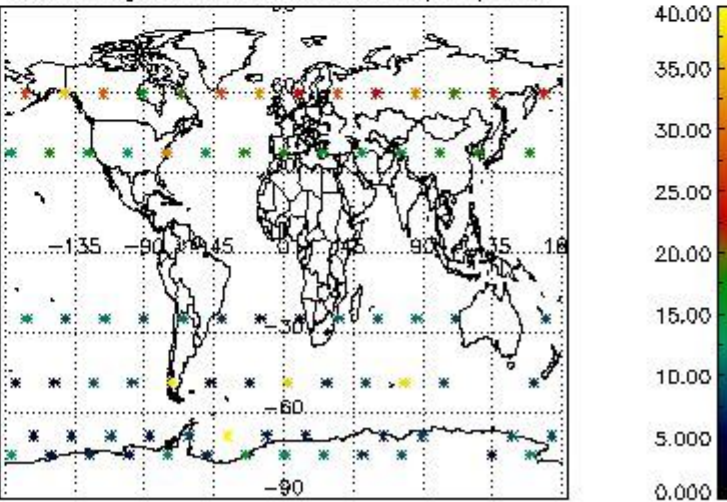
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

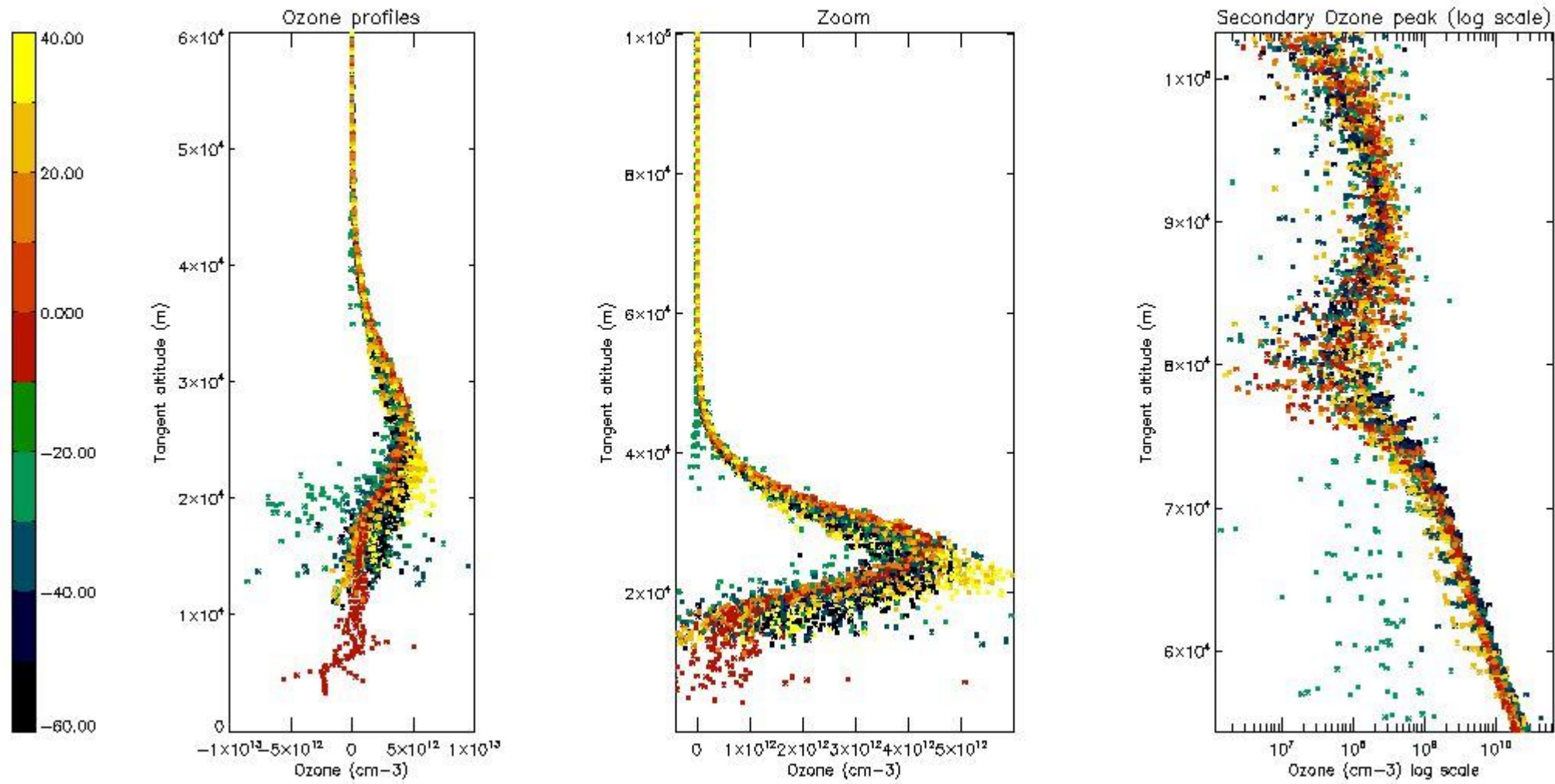
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	52
STD < 20	30

STD < 10	25
STD < 5	17

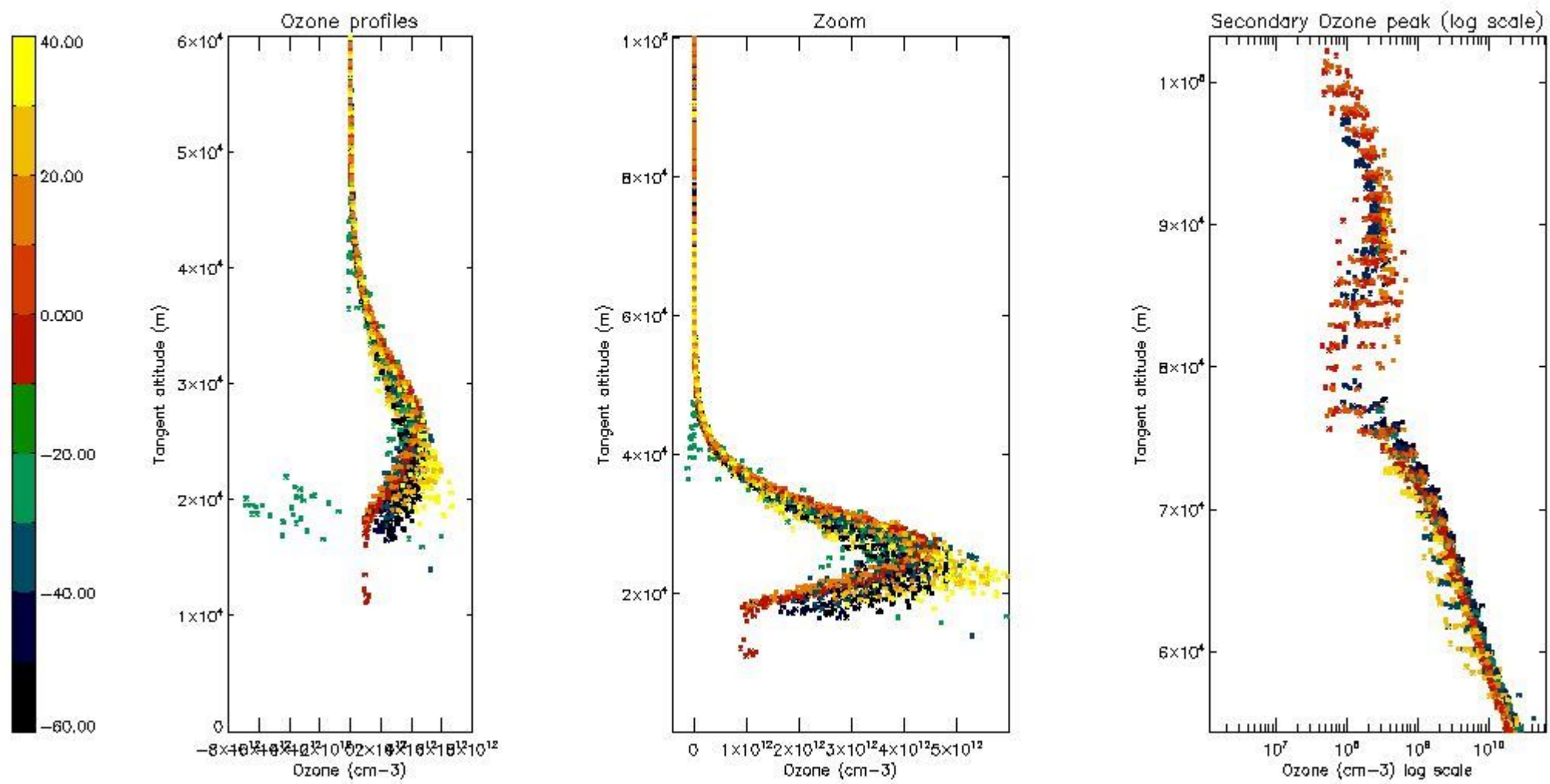
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



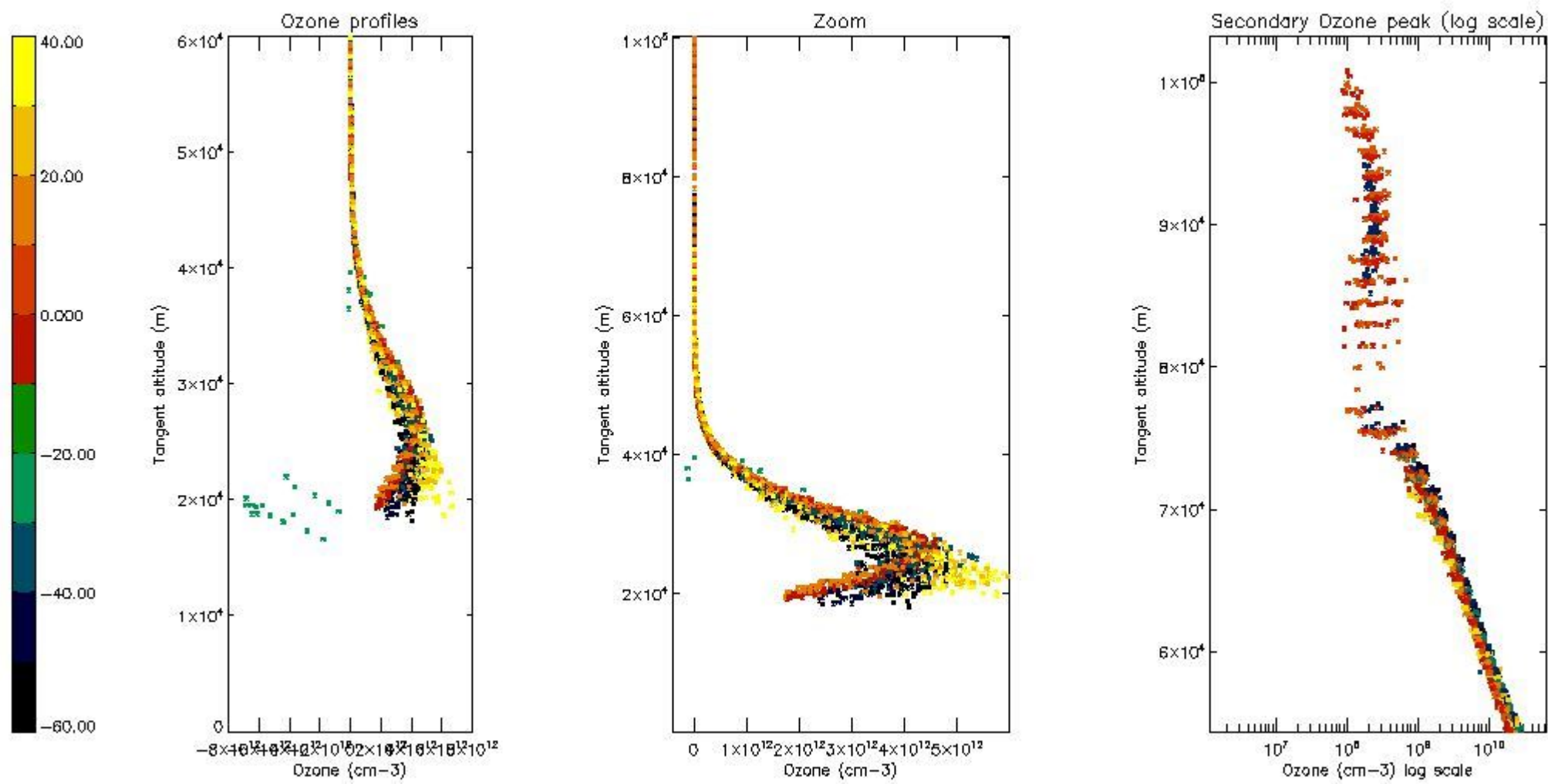
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



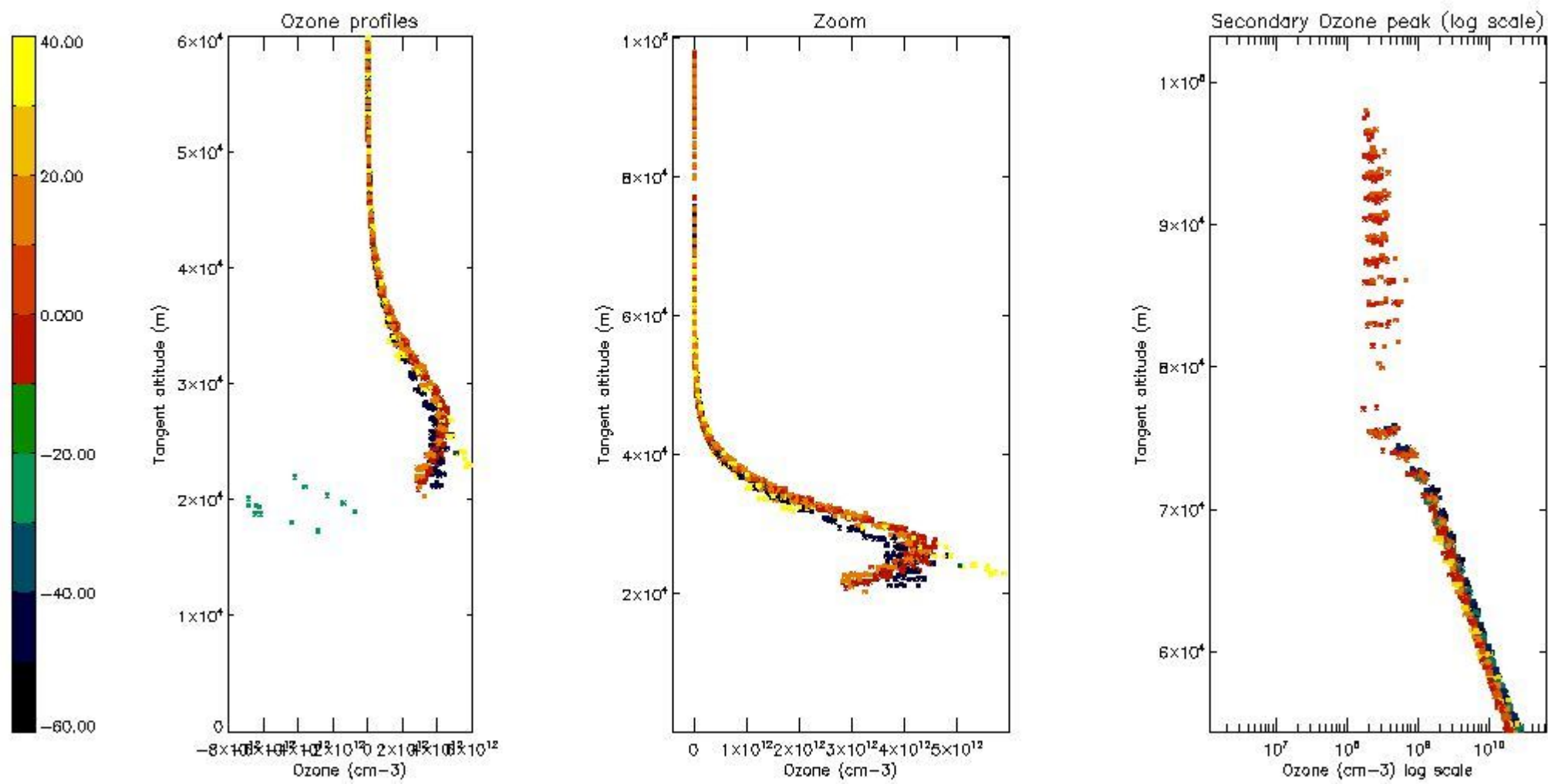
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



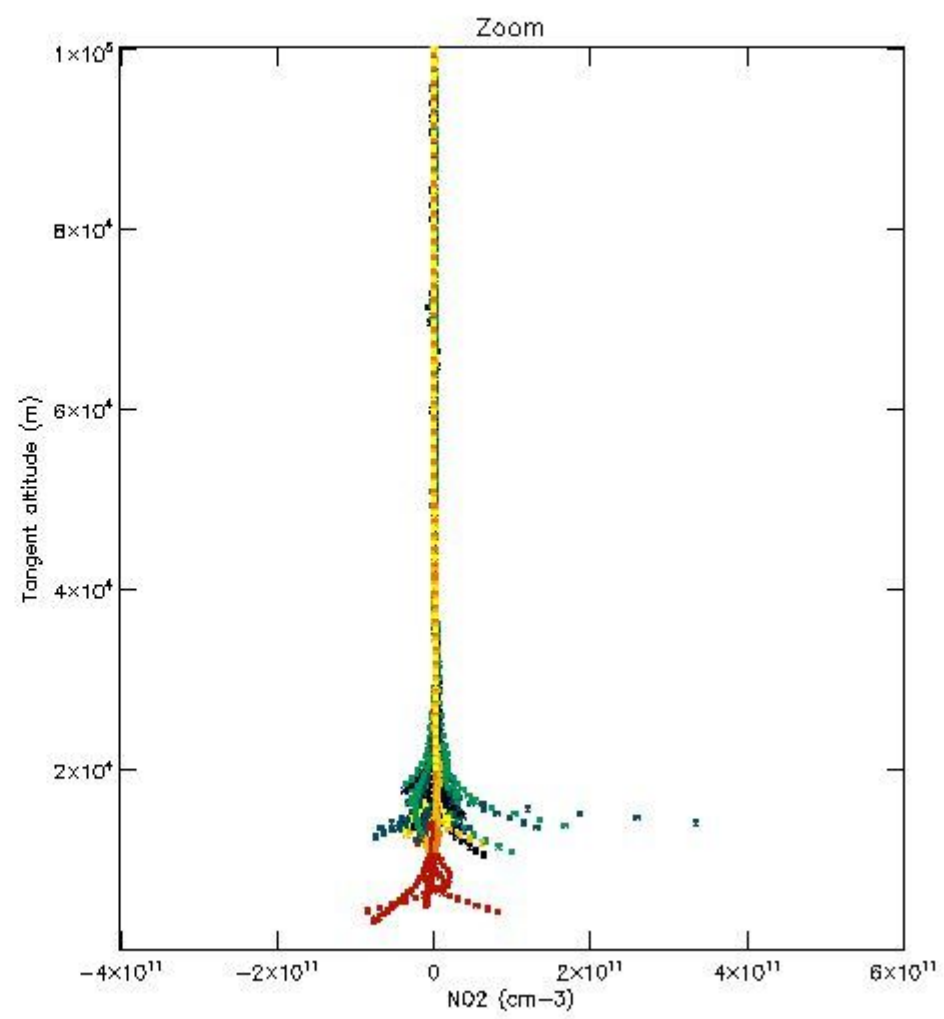
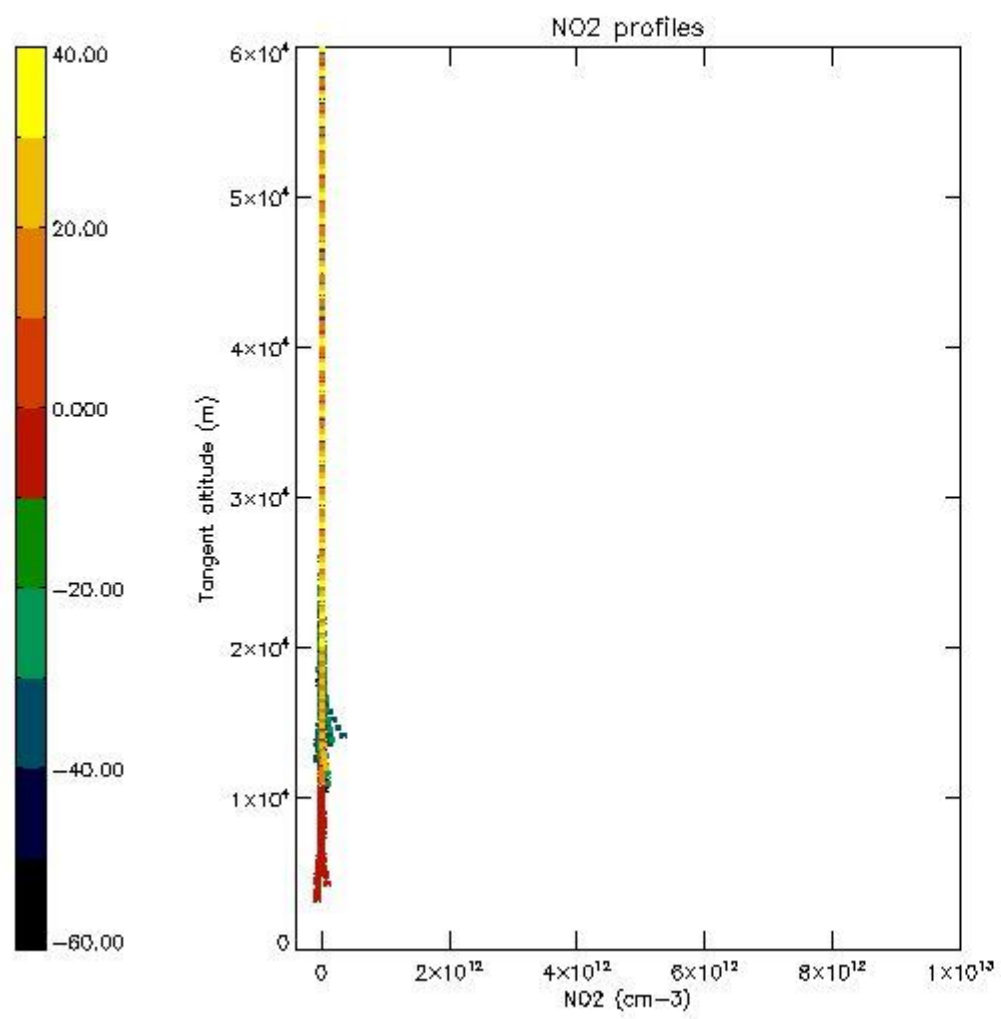
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



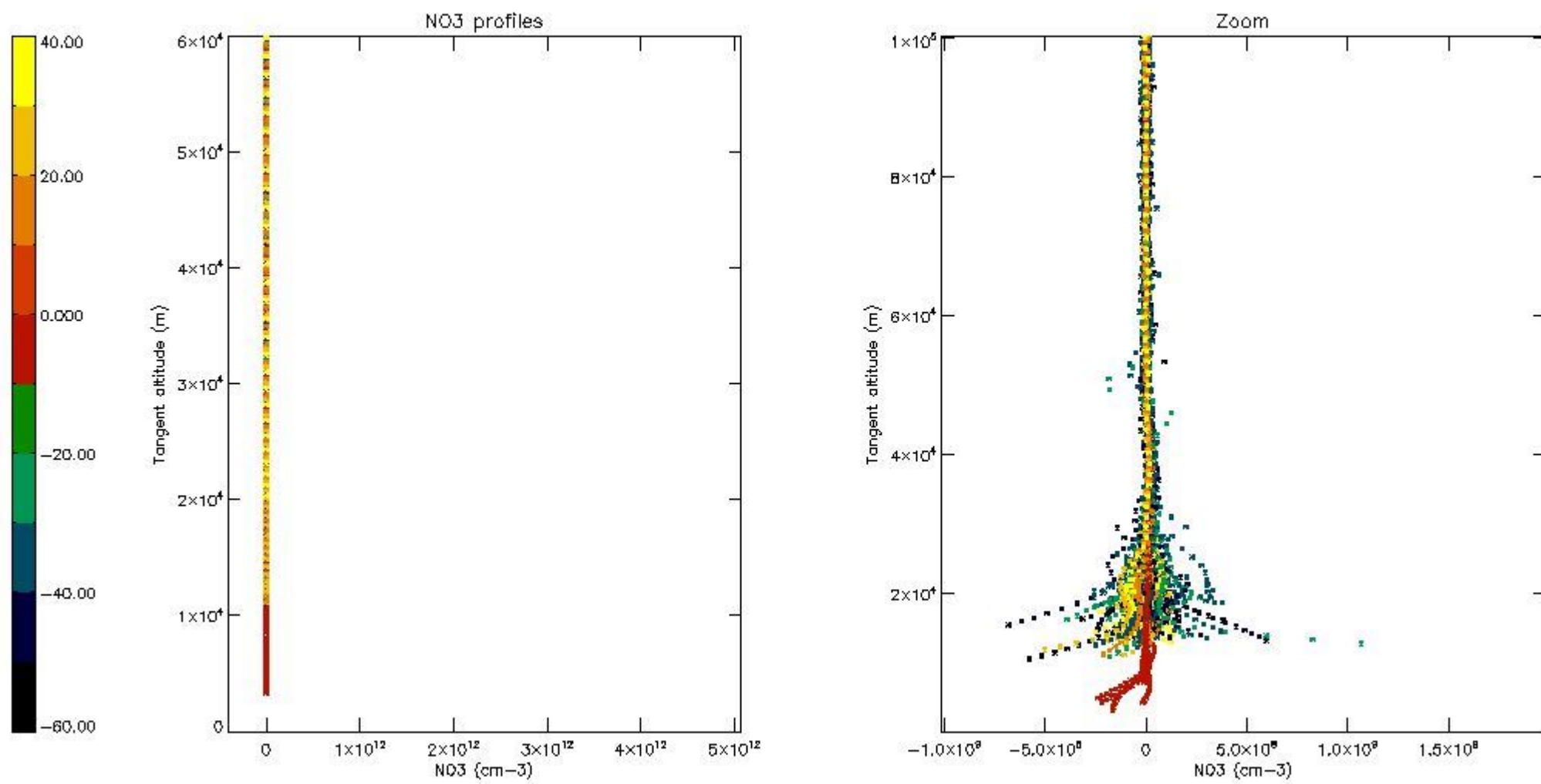
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



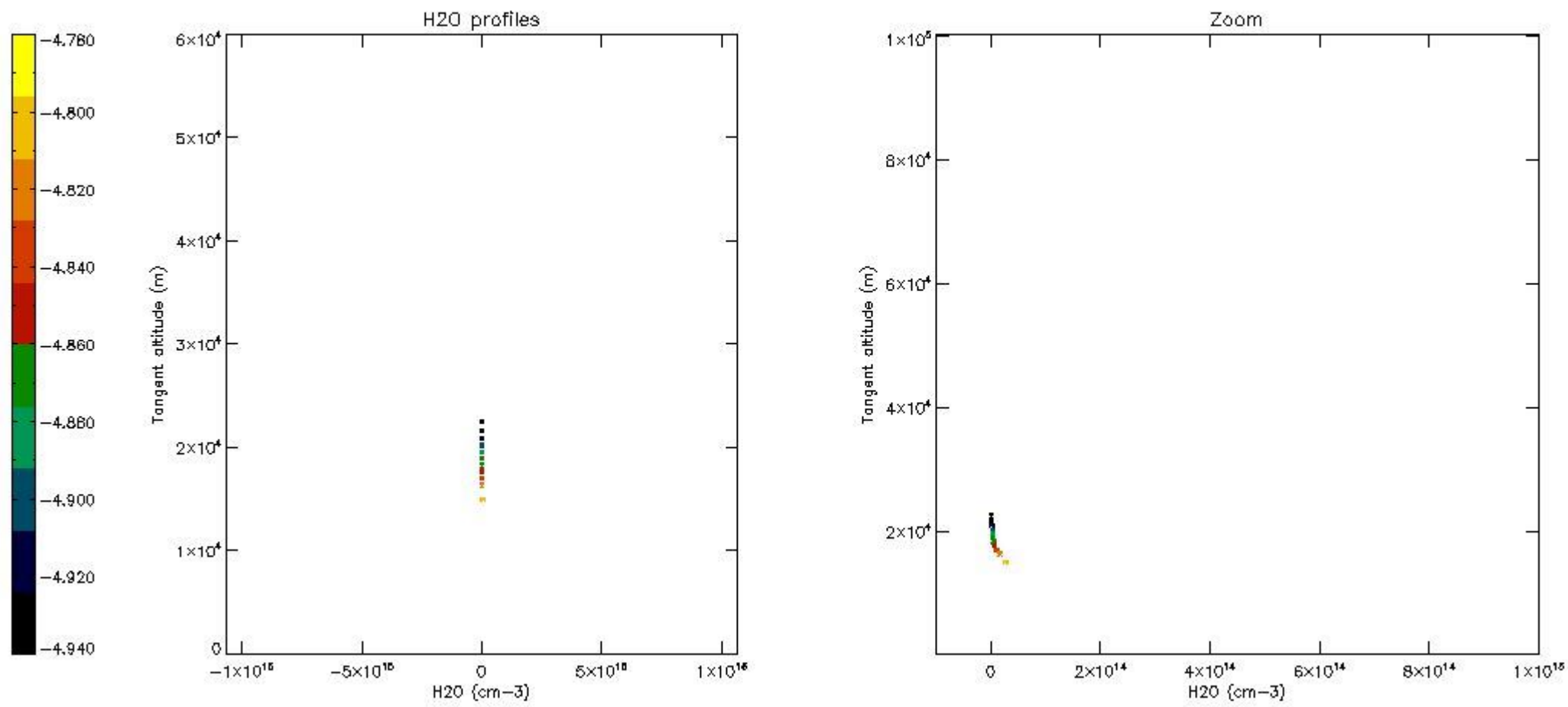
5.7 Plot NO3 profiles for all STD (dark without errors)

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	11-FEB-2007 01:28:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-FEB-2007 01:28:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-FEB-2007 01:28:12

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

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

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

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

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

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

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

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

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

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

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

Item	Value
Time of report generation	22APR2013 13:40:43
Data source version	GOMOS/6.01
Start time of products	11-02-2007 (11FEB2007 00:00:00)
Stop time of products	12-02-2007 (12FEB2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	295
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__2PRFIN20070211_012812_000000442055_00275_25880_8712.N1	11-FEB-2007 01:28:12	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	25880	No
2	GOM_NL__2PRFIN20070211_012930_000000402055_00275_25880_8713.N1	11-FEB-2007 01:29:30	Dark	40.000	10	Bet Cen	0.610000	28000.	80	25880	No
3	GOM_NL__2PRFIN20070211_013242_000000402055_00275_25880_8714.N1	11-FEB-2007 01:32:42	Dark	40.000	12	Alp1Cru	0.775000	30000.	80	25880	No
4	GOM_NL__2PRFIN20070211_013530_000000402055_00275_25880_8715.N1	11-FEB-2007 01:35:30	Dark	40.000	29	Bet Car	1.6720	10200.	80	25880	No
5	GOM_NL__2PRFIN20070211_013803_000000372055_00275_25880_8716.N1	11-FEB-2007 01:38:03	Dark	37.000	71	lot Car	2.2460	7700.0	74	25880	No
6	GOM_NL__2PRFIN20070211_013942_000000392055_00275_25880_8717.N1	11-FEB-2007 01:39:42	Dark	38.500	46	Del Vel	1.9540	10600.	77	25880	No
7	GOM_NL__2PRFIN20070211_014208_000000382055_00275_25880_8718.N1	11-FEB-2007 01:42:08	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	25880	No
8	GOM_NL__2PRFIN20070211_014412_000000412055_00275_25880_8719.N1	11-FEB-2007 01:44:12	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	25880	No
9	GOM_NL__2PRFIN20070211_014734_000000382055_00275_25880_8720.N1	11-FEB-2007 01:47:34	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	25880	No
10	GOM_NL__2PRFIN20070211_015700_000000482055_00275_25880_8721.N1	11-FEB-2007 01:57:00	Bright	47.500	8	10Alp CMi	0.400000	6500.0	95	25880	No
11	GOM_NL__2PRFIN20070211_020323_000000392055_00275_25880_8722.N1	11-FEB-2007 02:03:23	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	25880	No
12	GOM_NL__2PRFIN20070211_022047_000000352055_00275_25880_8723.N1	11-FEB-2007 02:20:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25880	No
13	GOM_NL__2PRFIN20070211_022730_000000362055_00275_25880_8724.N1	11-FEB-2007 02:27:30	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25880	No
14	GOM_NL__2PRFIN20070211_023320_000000352055_00275_25880_8725.N1	11-FEB-2007 02:33:20	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	25880	No
15	GOM_NL__2PRFIN20070211_023540_000000362055_00275_25880_8726.N1	11-FEB-2007 02:35:40	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	25880	No
16	GOM_NL__2PRFIN20070211_024227_000000332055_00275_25880_8727.N1	11-FEB-2007 02:42:27	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25880	No
17	GOM_NL__2PRFIN20070211_025618_000000402055_00275_25880_8728.N1	11-FEB-2007 02:56:18	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	25880	No
18	GOM_NL__2PRFIN20070211_025814_000000422055_00275_25880_8729.N1	11-FEB-2007 02:58:14	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	25880	No
19	GOM_NL__2PRFIN20070211_025935_000000422055_00275_25880_8730.N1	11-FEB-2007 02:59:35	Dark	42.000	40	The Sco	1.8590	7100.0	84	25880	No
20	GOM_NL__2PRFIN20070211_030123_000000362055_00275_25880_8731.N1	11-FEB-2007 03:01:23	Dark	36.000	147	Alp Ara	2.8770	26000.	72	25880	No
21	GOM_NL__2PRFIN20070211_030253_000000382055_00275_25880_8732.N1	11-FEB-2007 03:02:53	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25880	No
22	GOM_NL__2PRFIN20070211_030849_000000442055_00276_25881_8734.N1	11-FEB-2007 03:08:49	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	25881	No
23	GOM_NL__2PRFIN20070211_031006_000000412055_00276_25881_8735.N1	11-FEB-2007 03:10:06	Dark	41.000	10	Bet Cen	0.610000	28000.	82	25881	No
24	GOM_NL__2PRFIN20070211_031318_000000412055_00276_25881_8736.N1	11-FEB-2007 03:13:18	Dark	41.000	12	Alp1Cru	0.775000	30000.	82	25881	No
25	GOM_NL__2PRFIN20070211_031606_000000382055_00276_25881_8737.N1	11-FEB-2007 03:16:06	Dark	38.000	29	Bet Car	1.6720	10200.	76	25881	No
26	GOM_NL__2PRFIN20070211_031839_000000422055_00276_25881_8738.N1	11-FEB-2007 03:18:39	Dark	42.000	71	lot Car	2.2460	7700.0	84	25881	No
27	GOM_NL__2PRFIN20070211_032019_000000422055_00276_25881_8739.N1	11-FEB-2007 03:20:19	Dark	41.500	46	Del Vel	1.9540	10600.	83	25881	No
28	GOM_NL__2PRFIN20070211_032244_000000412055_00276_25881_8740.N1	11-FEB-2007 03:22:44	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	25881	No
29	GOM_NL__2PRFIN20070211_032448_000000402055_00276_25881_8741.N1	11-FEB-2007 03:24:48	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	25881	No
30	GOM_NL__2PRFIN20070211_032810_000000402055_00276_25881_8742.N1	11-FEB-2007 03:28:10	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	25881	No
31	GOM_NL__2PRFIN20070211_033736_000000432055_00276_25881_8743.N1	11-FEB-2007 03:37:36	Bright	43.000	8	10Alp CMi	0.400000	6500.0	86	25881	No
32	GOM_NL__2PRFIN20070211_034359_000000392055_00276_25881_8744.N1	11-FEB-2007 03:43:59	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	25881	No
33	GOM_NL__2PRFIN20070211_040123_000000362055_00276_25881_8745.N1	11-FEB-2007 04:01:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25881	No
34	GOM_NL__2PRFIN20070211_040806_000000522055_00276_25881_8746.N1	11-FEB-2007 04:08:06	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	25881	No
35	GOM_NL__2PRFIN20070211_041357_000000342055_00276_25881_8747.N1	11-FEB-2007 04:13:57	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	25881	No
36	GOM_NL__2PRFIN20070211_041616_000000352055_00276_25881_8748.N1	11-FEB-2007 04:16:16	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25881	No
37	GOM_NL__2PRFIN20070211_042304_000000332055_00276_25881_8749.N1	11-FEB-2007 04:23:04	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25881	No
38	GOM_NL__2PRFIN20070211_043427_000000402055_00276_25881_8750.N1	11-FEB-2007 04:34:27	Twilight	40.000	137	22Lam Sgr	2.8240	4400.0	80	25881	No
39	GOM_NL__2PRFIN20070211_043654_000000392055_00276_25881_8751.N1	11-FEB-2007 04:36:54	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	25881	No
40	GOM_NL__2PRFIN20070211_043850_000000442055_00276_25881_8752.N1	11-FEB-2007 04:38:50	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	25881	No
41	GOM_NL__2PRFIN20070211_044011_000000422055_00276_25881_8753.N1	11-FEB-2007 04:40:11	Dark	41.500	40	The Sco	1.8590	7100.0	83	25881	No
42	GOM_NL__2PRFIN20070211_044200_000000382055_00276_25881_8754.N1	11-FEB-2007 04:42:00	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25881	No

43	GOM_NL__2PRFIN20070211_044329_000000382055_00276_25881_8755.N1	11-FEB-2007 04:43:29	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25881	No
44	GOM_NL__2PRFIN20070211_044925_000000542055_00277_25882_8745.N1	11-FEB-2007 04:49:25	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	25882	No
45	GOM_NL__2PRFIN20070211_045043_000000392055_00277_25882_8746.N1	11-FEB-2007 04:50:43	Dark	39.000	10	Bet Cen	0.61000	28000.	78	25882	No
46	GOM_NL__2PRFIN20070211_045355_000000452055_00277_25882_8747.N1	11-FEB-2007 04:53:55	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	25882	No
47	GOM_NL__2PRFIN20070211_045642_000000372055_00277_25882_8748.N1	11-FEB-2007 04:56:42	Dark	37.000	29	Bet Car	1.6720	10200.	74	25882	No
48	GOM_NL__2PRFIN20070211_045915_000000422055_00277_25882_8749.N1	11-FEB-2007 04:59:15	Dark	41.500	71	lot Car	2.2460	7700.0	83	25882	No
49	GOM_NL__2PRFIN20070211_050055_000000412055_00277_25882_8750.N1	11-FEB-2007 05:00:55	Dark	40.500	46	Del Vel	1.9540	10600.	81	25882	No
50	GOM_NL__2PRFIN20070211_050320_000000402055_00277_25882_8751.N1	11-FEB-2007 05:03:20	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	25882	No
51	GOM_NL__2PRFIN20070211_050525_000000382055_00277_25882_8752.N1	11-FEB-2007 05:05:25	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25882	No
52	GOM_NL__2PRFIN20070211_050942_000000412055_00277_25882_8753.N1	11-FEB-2007 05:09:42	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	25882	No
53	GOM_NL__2PRFIN20070211_051812_000000502055_00277_25882_8754.N1	11-FEB-2007 05:18:12	Bright	50.000	8	10Alp CMi	0.40000	6500.0	100	25882	No
54	GOM_NL__2PRFIN20070211_052434_000000382055_00277_25882_8755.N1	11-FEB-2007 05:24:34	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	25882	No
55	GOM_NL__2PRFIN20070211_054159_000000362055_00277_25882_8756.N1	11-FEB-2007 05:41:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25882	No
56	GOM_NL__2PRFIN20070211_054843_000000362055_00277_25882_8757.N1	11-FEB-2007 05:48:43	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25882	No
57	GOM_NL__2PRFIN20070211_055652_000000372055_00277_25882_8758.N1	11-FEB-2007 05:56:52	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	25882	No
58	GOM_NL__2PRFIN20070211_060340_000000342055_00277_25882_8759.N1	11-FEB-2007 06:03:40	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	25882	No
59	GOM_NL__2PRFIN20070211_061503_000000412055_00277_25882_8760.N1	11-FEB-2007 06:15:03	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	25882	No
60	GOM_NL__2PRFIN20070211_061731_000000442055_00277_25882_8761.N1	11-FEB-2007 06:17:31	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	25882	No
61	GOM_NL__2PRFIN20070211_061927_000000422055_00277_25882_8762.N1	11-FEB-2007 06:19:27	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	25882	No
62	GOM_NL__2PRFIN20070211_062048_000000412055_00277_25882_8763.N1	11-FEB-2007 06:20:48	Dark	40.500	40	The Sco	1.8590	7100.0	81	25882	No
63	GOM_NL__2PRFIN20070211_062236_000000382055_00277_25882_8764.N1	11-FEB-2007 06:22:36	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25882	No
64	GOM_NL__2PRFIN20070211_062406_000000402055_00277_25882_8765.N1	11-FEB-2007 06:24:06	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	25882	No
65	GOM_NL__2PRFIN20070211_063002_000000562055_00278_25883_8761.N1	11-FEB-2007 06:30:02	Dark	56.000	4	Alp1Cen	-0.010000	5800.0	112	25883	No
66	GOM_NL__2PRFIN20070211_063119_000000392055_00278_25883_8762.N1	11-FEB-2007 06:31:19	Dark	39.000	10	Bet Cen	0.61000	28000.	78	25883	No
67	GOM_NL__2PRFIN20070211_063431_000000412055_00278_25883_8763.N1	11-FEB-2007 06:34:31	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	25883	No
68	GOM_NL__2PRFIN20070211_063718_000000392055_00278_25883_8764.N1	11-FEB-2007 06:37:18	Dark	38.500	29	Bet Car	1.6720	10200.	77	25883	No
69	GOM_NL__2PRFIN20070211_063951_000000412055_00278_25883_8765.N1	11-FEB-2007 06:39:51	Dark	41.000	71	lot Car	2.2460	7700.0	82	25883	No
70	GOM_NL__2PRFIN20070211_064131_000000412055_00278_25883_8766.N1	11-FEB-2007 06:41:31	Dark	40.500	46	Del Vel	1.9540	10600.	81	25883	No
71	GOM_NL__2PRFIN20070211_064356_000000392055_00278_25883_8767.N1	11-FEB-2007 06:43:56	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	25883	No
72	GOM_NL__2PRFIN20070211_064601_000000412055_00278_25883_8768.N1	11-FEB-2007 06:46:01	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	25883	No
73	GOM_NL__2PRFIN20070211_065019_000000402055_00278_25883_8769.N1	11-FEB-2007 06:50:19	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	25883	No
74	GOM_NL__2PRFIN20070211_065848_000000452055_00278_25883_8770.N1	11-FEB-2007 06:58:48	Bright	44.500	8	10Alp CMi	0.40000	6500.0	89	25883	No
75	GOM_NL__2PRFIN20070211_070510_000000382055_00278_25883_8771.N1	11-FEB-2007 07:05:10	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	25883	No
76	GOM_NL__2PRFIN20070211_072235_000000362055_00278_25883_8772.N1	11-FEB-2007 07:22:35	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25883	No
77	GOM_NL__2PRFIN20070211_072919_000000362055_00278_25883_8773.N1	11-FEB-2007 07:29:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25883	No
78	GOM_NL__2PRFIN20070211_073509_000000332055_00278_25883_8774.N1	11-FEB-2007 07:35:09	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	25883	No
79	GOM_NL__2PRFIN20070211_073728_000000382055_00278_25883_8775.N1	11-FEB-2007 07:37:28	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	25883	No
80	GOM_NL__2PRFIN20070211_074416_000000332055_00278_25883_8776.N1	11-FEB-2007 07:44:16	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25883	No
81	GOM_NL__2PRFIN20070211_075539_000000422055_00278_25883_8777.N1	11-FEB-2007 07:55:39	Twilight	41.500	137	22Lam Sgr	2.8240	4400.0	83	25883	No
82	GOM_NL__2PRFIN20070211_075807_000000412055_00278_25883_8778.N1	11-FEB-2007 07:58:07	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	25883	No
83	GOM_NL__2PRFIN20070211_080003_000000422055_00278_25883_8779.N1	11-FEB-2007 08:00:03	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	25883	No
84	GOM_NL__2PRFIN20070211_080124_000000422055_00278_25883_8780.N1	11-FEB-2007 08:01:24	Dark	41.500	40	The Sco	1.8590	7100.0	83	25883	No
85	GOM_NL__2PRFIN20070211_080312_000000382055_00278_25883_8781.N1	11-FEB-2007 08:03:12	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25883	No
86	GOM_NL__2PRFIN20070211_080442_000000402055_00278_25883_8782.N1	11-FEB-2007 08:04:42	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	25883	No
87	GOM_NL__2PRFIN20070211_081038_000000432055_00279_25884_8777.N1	11-FEB-2007 08:10:38	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	25884	No
88	GOM_NL__2PRFIN20070211_081156_000000382055_00279_25884_8778.N1	11-FEB-2007 08:11:56	Dark	38.000	10	Bet Cen	0.61000	28000.	76	25884	No
89	GOM_NL__2PRFIN20070211_081508_000000402055_00279_25884_8779.N1	11-FEB-2007 08:15:08	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25884	No
90	GOM_NL__2PRFIN20070211_081754_000000372055_00279_25884_8780.N1	11-FEB-2007 08:17:54	Dark	36.500	29	Bet Car	1.6720	10200.	73	25884	No
91	GOM_NL__2PRFIN20070211_082028_000000382055_00279_25884_8781.N1	11-FEB-2007 08:20:28	Dark	37.500	71	lot Car	2.2460	7700.0	75	25884	No
92	GOM_NL__2PRFIN20070211_082207_000000412055_00279_25884_8782.N1	11-FEB-2007 08:22:07	Dark	40.500	46	Del Vel	1.9540	10600.	81	25884	No
93	GOM_NL__2PRFIN20070211_082433_000000372055_00279_25884_8783.N1	11-FEB-2007 08:24:33	Straylight	36.500	34	Gam2Vel	1.7930	23000.	73	25884	No
94	GOM_NL__2PRFIN20070211_082637_000000382055_00279_25884_8784.N1	11-FEB-2007 08:26:37	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25884	No
95	GOM_NL__2PRFIN20070211_083055_000000382055_00279_25884_8785.N1	11-FEB-2007 08:30:55	Straylight	38.000	132	15Rho Pup	2.8030	6900.0	76	25884	No
96	GOM_NL__2PRFIN20070211_083924_000000492055_00279_25884_8786.N1	11-FEB-2007 08:39:24	Bright	48.500	8	10Alp CMi	0.40000	6500.0	97	25884	No
97	GOM_NL__2PRFIN20070211_084546_000000382055_00279_25884_8787.N1	11-FEB-2007 08:45:46	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	25884	No
98	GOM_NL__2PRFIN20070211_090311_000000332055_00279_25884_8788.N1	11-FEB-2007 09:03:11	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	25884	No
99	GOM_NL__2PRFIN20070211_090955_000000522055_00279_25884_8789.N1	11-FEB-2007 09:09:55	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	25884	No
100	GOM_NL__2PRFIN20070211_091545_000000342055_00279_25884_8790.N1	11-FEB-2007 09:15:45	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	25884	No
101	GOM_NL__2PRFIN20070211_091804_000000392055_00279_25884_8791.N1	11-FEB-2007 09:18:04	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	25884	No

102	GOM_NL__2PRFIN20070211_092452_000000342055_00279_25884_8792.N1	11-FEB-2007 09:24:52	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	25884	No
103	GOM_NL__2PRFIN20070211_093616_000000422055_00279_25884_8793.N1	11-FEB-2007 09:36:16	Twilight	41.500	137	22Lam Sgr	2.8240	4400.0	83	25884	No
104	GOM_NL__2PRFIN20070211_093843_000000412055_00279_25884_8794.N1	11-FEB-2007 09:38:43	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	25884	No
105	GOM_NL__2PRFIN20070211_094040_000000412055_00279_25884_8795.N1	11-FEB-2007 09:40:40	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	25884	No
106	GOM_NL__2PRFIN20070211_094200_000000422055_00279_25884_8796.N1	11-FEB-2007 09:42:00	Dark	42.000	40	The Sco	1.8590	7100.0	84	25884	No
107	GOM_NL__2PRFIN20070211_094349_000000382055_00279_25884_8797.N1	11-FEB-2007 09:43:49	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25884	No
108	GOM_NL__2PRFIN20070211_094518_000000382055_00279_25884_8798.N1	11-FEB-2007 09:45:18	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	25884	No
109	GOM_NL__2PRFIN20070211_095115_000000552055_00280_25885_8789.N1	11-FEB-2007 09:51:15	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	25885	No
110	GOM_NL__2PRFIN20070211_095232_000000382055_00280_25885_8790.N1	11-FEB-2007 09:52:32	Dark	38.000	10	Bet Cen	0.610000	28000.	76	25885	No
111	GOM_NL__2PRFIN20070211_095544_000000402055_00280_25885_8791.N1	11-FEB-2007 09:55:44	Dark	39.500	12	Alp1Cru	0.775000	30000.	79	25885	No
112	GOM_NL__2PRFIN20070211_095830_000000372055_00280_25885_8792.N1	11-FEB-2007 09:58:30	Dark	37.000	29	Bet Car	1.6720	10200.	74	25885	No
113	GOM_NL__2PRFIN20070211_100104_000000372055_00280_25885_8793.N1	11-FEB-2007 10:01:04	Dark	37.000	71	lot Car	2.2460	7700.0	74	25885	No
114	GOM_NL__2PRFIN20070211_100243_000000382055_00280_25885_8794.N1	11-FEB-2007 10:02:43	Dark	37.500	46	Del Vel	1.9540	10600.	75	25885	No
115	GOM_NL__2PRFIN20070211_100509_000000382055_00280_25885_8795.N1	11-FEB-2007 10:05:09	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	25885	No
116	GOM_NL__2PRFIN20070211_100713_000000392055_00280_25885_8796.N1	11-FEB-2007 10:07:13	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	25885	No
117	GOM_NL__2PRFIN20070211_101131_000000392055_00280_25885_8797.N1	11-FEB-2007 10:11:31	Straylight	38.500	132	15Rho Pup	2.8030	6900.0	77	25885	No
118	GOM_NL__2PRFIN20070211_102000_000000462055_00280_25885_8798.N1	11-FEB-2007 10:20:00	Bright	45.500	8	10Alp CMi	0.400000	6500.0	91	25885	No
119	GOM_NL__2PRFIN20070211_102622_000000392055_00280_25885_8799.N1	11-FEB-2007 10:26:22	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	25885	No
120	GOM_NL__2PRFIN20070211_104347_000000332055_00280_25885_8800.N1	11-FEB-2007 10:43:47	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	25885	No
121	GOM_NL__2PRFIN20070211_105031_000000352055_00280_25885_8801.N1	11-FEB-2007 10:50:31	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	25885	No
122	GOM_NL__2PRFIN20070211_105621_000000522055_00280_25885_8802.N1	11-FEB-2007 10:56:21	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	25885	No
123	GOM_NL__2PRFIN20070211_105840_000000352055_00280_25885_8803.N1	11-FEB-2007 10:58:40	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25885	No
124	GOM_NL__2PRFIN20070211_110528_000000332055_00280_25885_8804.N1	11-FEB-2007 11:05:28	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25885	No
125	GOM_NL__2PRFIN20070211_111652_000000412055_00280_25885_8805.N1	11-FEB-2007 11:16:52	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	25885	No
126	GOM_NL__2PRFIN20070211_111919_000000392055_00280_25885_8806.N1	11-FEB-2007 11:19:19	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	25885	No
127	GOM_NL__2PRFIN20070211_112116_000000412055_00280_25885_8807.N1	11-FEB-2007 11:21:16	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	25885	No
128	GOM_NL__2PRFIN20070211_112237_000000412055_00280_25885_8808.N1	11-FEB-2007 11:22:37	Dark	41.000	40	The Sco	1.8590	7100.0	82	25885	No
129	GOM_NL__2PRFIN20070211_112425_000000382055_00280_25885_8809.N1	11-FEB-2007 11:24:25	Dark	37.500	147	Alp Ara	2.8770	26000.	75	25885	No
130	GOM_NL__2PRFIN20070211_112554_000000442055_00280_25885_8810.N1	11-FEB-2007 11:25:54	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	25885	No
131	GOM_NL__2PRFIN20070211_113152_000000422055_00281_25886_8814.N1	11-FEB-2007 11:31:52	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	25886	No
132	GOM_NL__2PRFIN20070211_113309_000000372055_00281_25886_8815.N1	11-FEB-2007 11:33:09	Dark	37.000	10	Bet Cen	0.610000	28000.	74	25886	No
133	GOM_NL__2PRFIN20070211_113620_000000412055_00281_25886_8816.N1	11-FEB-2007 11:36:20	Dark	40.500	12	Alp1Cru	0.775000	30000.	81	25886	No
134	GOM_NL__2PRFIN20070211_113906_000000392055_00281_25886_8817.N1	11-FEB-2007 11:39:06	Dark	38.500	29	Bet Car	1.6720	10200.	77	25886	No
135	GOM_NL__2PRFIN20070211_114140_000000372055_00281_25886_8818.N1	11-FEB-2007 11:41:40	Dark	36.500	71	lot Car	2.2460	7700.0	73	25886	No
136	GOM_NL__2PRFIN20070211_114319_000000372055_00281_25886_8819.N1	11-FEB-2007 11:43:19	Dark	36.500	46	Del Vel	1.9540	10600.	73	25886	No
137	GOM_NL__2PRFIN20070211_114545_000000362055_00281_25886_8820.N1	11-FEB-2007 11:45:45	Straylight	36.000	34	Gam2Vel	1.7930	23000.	72	25886	No
138	GOM_NL__2PRFIN20070211_114749_000000392055_00281_25886_8821.N1	11-FEB-2007 11:47:49	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	25886	No
139	GOM_NL__2PRFIN20070211_115207_000000392055_00281_25886_8822.N1	11-FEB-2007 11:52:07	Straylight	38.500	132	15Rho Pup	2.8030	6900.0	77	25886	No
140	GOM_NL__2PRFIN20070211_120036_000000522055_00281_25886_8823.N1	11-FEB-2007 12:00:36	Bright	52.000	8	10Alp CMi	0.400000	6500.0	104	25886	No
141	GOM_NL__2PRFIN20070211_120658_000000392055_00281_25886_8824.N1	11-FEB-2007 12:06:58	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	25886	No
142	GOM_NL__2PRFIN20070211_122423_000000352055_00281_25886_8825.N1	11-FEB-2007 12:24:23	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25886	No
143	GOM_NL__2PRFIN20070211_123107_000000332055_00281_25886_8826.N1	11-FEB-2007 12:31:07	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	25886	No
144	GOM_NL__2PRFIN20070211_123657_000000342055_00281_25886_8827.N1	11-FEB-2007 12:36:57	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	25886	No
145	GOM_NL__2PRFIN20070211_123916_000000382055_00281_25886_8828.N1	11-FEB-2007 12:39:16	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	25886	No
146	GOM_NL__2PRFIN20070211_124604_000000342055_00281_25886_8829.N1	11-FEB-2007 12:46:04	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	25886	No
147	GOM_NL__2PRFIN20070211_125728_000000412055_00281_25886_8830.N1	11-FEB-2007 12:57:28	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	25886	No
148	GOM_NL__2PRFIN20070211_125956_000000402055_00281_25886_8831.N1	11-FEB-2007 12:59:56	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	25886	No
149	GOM_NL__2PRFIN20070211_130153_000000432055_00281_25886_8832.N1	11-FEB-2007 13:01:53	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	25886	No
150	GOM_NL__2PRFIN20070211_130313_000000442055_00281_25886_8833.N1	11-FEB-2007 13:03:13	Dark	43.500	40	The Sco	1.8590	7100.0	87	25886	No
151	GOM_NL__2PRFIN20070211_130501_000000382055_00281_25886_8834.N1	11-FEB-2007 13:05:01	Dark	37.500	147	Alp Ara	2.8770	26000.	75	25886	No
152	GOM_NL__2PRFIN20070211_130631_000000402055_00281_25886_8835.N1	11-FEB-2007 13:06:31	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	25886	No
153	GOM_NL__2PRFIN20070211_131228_000000422055_00282_25887_8824.N1	11-FEB-2007 13:12:28	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	25887	No
154	GOM_NL__2PRFIN20070211_131345_000000372055_00282_25887_8825.N1	11-FEB-2007 13:13:45	Dark	37.000	10	Bet Cen	0.610000	28000.	74	25887	No
155	GOM_NL__2PRFIN20070211_131657_000000442055_00282_25887_8826.N1	11-FEB-2007 13:16:57	Dark	43.500	12	Alp1Cru	0.775000	30000.	87	25887	No
156	GOM_NL__2PRFIN20070211_131943_000000382055_00282_25887_8827.N1	11-FEB-2007 13:19:43	Dark	37.500	29	Bet Car	1.6720	10200.	75	25887	No
157	GOM_NL__2PRFIN20070211_132216_000000372055_00282_25887_8828.N1	11-FEB-2007 13:22:16	Dark	37.000	71	lot Car	2.2460	7700.0	74	25887	No
158	GOM_NL__2PRFIN20070211_132356_000000412055_00282_25887_8829.N1	11-FEB-2007 13:23:56	Dark	41.000	46	Del Vel	1.9540	10600.	82	25887	No
159	GOM_NL__2PRFIN20070211_132621_000000422055_00282_25887_8830.N1	11-FEB-2007 13:26:21	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	25887	No
160	GOM_NL__2PRFIN20070211_132825_000000392055_00282_25887_8831.N1	11-FEB-2007 13:28:25	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	25887	No

161	GOM_NL__2PRFIN20070211_133243_000000402055_00282_25887_8832.N1	11-FEB-2007 13:32:43	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	25887	No
162	GOM_NL__2PRFIN20070211_134112_000000492055_00282_25887_8833.N1	11-FEB-2007 13:41:12	Bright	48.500	8	10Alp CMi	0.40000	6500.0	97	25887	No
163	GOM_NL__2PRFIN20070211_134734_000000392055_00282_25887_8834.N1	11-FEB-2007 13:47:34	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	25887	No
164	GOM_NL__2PRFIN20070211_140459_000000362055_00282_25887_8835.N1	11-FEB-2007 14:04:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25887	No
165	GOM_NL__2PRFIN20070211_141143_000000522055_00282_25887_8836.N1	11-FEB-2007 14:11:43	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	25887	No
166	GOM_NL__2PRFIN20070211_141733_000000342055_00282_25887_8837.N1	11-FEB-2007 14:17:33	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	25887	No
167	GOM_NL__2PRFIN20070211_141952_000000352055_00282_25887_8838.N1	11-FEB-2007 14:19:52	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	25887	No
168	GOM_NL__2PRFIN20070211_142641_000000332055_00282_25887_8839.N1	11-FEB-2007 14:26:41	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25887	No
169	GOM_NL__2PRFIN20070211_143804_000000412055_00282_25887_8840.N1	11-FEB-2007 14:38:04	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	25887	No
170	GOM_NL__2PRFIN20070211_144032_000000392055_00282_25887_8841.N1	11-FEB-2007 14:40:32	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	25887	No
171	GOM_NL__2PRFIN20070211_144229_000000412055_00282_25887_8842.N1	11-FEB-2007 14:42:29	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25887	No
172	GOM_NL__2PRFIN20070211_144349_000000392055_00282_25887_8843.N1	11-FEB-2007 14:43:49	Dark	39.000	40	The Sco	1.8590	7100.0	78	25887	No
173	GOM_NL__2PRFIN20070211_144538_000000382055_00282_25887_8844.N1	11-FEB-2007 14:45:38	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25887	No
174	GOM_NL__2PRFIN20070211_144707_000000402055_00282_25887_8845.N1	11-FEB-2007 14:47:07	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	25887	No
175	GOM_NL__2PRFIN20070211_145304_000000452055_00283_25888_8840.N1	11-FEB-2007 14:53:04	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	25888	No
176	GOM_NL__2PRFIN20070211_145422_000000362055_00283_25888_8841.N1	11-FEB-2007 14:54:22	Dark	36.000	10	Bet Cen	0.61000	28000.	72	25888	No
177	GOM_NL__2PRFIN20070211_145733_000000402055_00283_25888_8842.N1	11-FEB-2007 14:57:33	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25888	No
178	GOM_NL__2PRFIN20070211_150019_000000382055_00283_25888_8843.N1	11-FEB-2007 15:00:19	Dark	38.000	29	Bet Car	1.6720	10200.	76	25888	No
179	GOM_NL__2PRFIN20070211_150252_000000382055_00283_25888_8844.N1	11-FEB-2007 15:02:52	Dark	38.000	71	lot Car	2.2460	7700.0	76	25888	No
180	GOM_NL__2PRFIN20070211_150432_000000412055_00283_25888_8845.N1	11-FEB-2007 15:04:32	Dark	40.500	46	Del Vel	1.9540	10600.	81	25888	No
181	GOM_NL__2PRFIN20070211_150657_000000392055_00283_25888_8846.N1	11-FEB-2007 15:06:57	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	25888	No
182	GOM_NL__2PRFIN20070211_150901_000000372055_00283_25888_8847.N1	11-FEB-2007 15:09:01	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	25888	No
183	GOM_NL__2PRFIN20070211_151319_000000382055_00283_25888_8848.N1	11-FEB-2007 15:13:19	Straylight	38.000	132	15Rho Pup	2.8030	6900.0	76	25888	No
184	GOM_NL__2PRFIN20070211_152148_000000452055_00283_25888_8849.N1	11-FEB-2007 15:21:48	Bright	45.000	8	10Alp CMi	0.40000	6500.0	90	25888	No
185	GOM_NL__2PRFIN20070211_152810_000000482055_00283_25888_8850.N1	11-FEB-2007 15:28:10	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	25888	No
186	GOM_NL__2PRFIN20070211_154535_000000362055_00283_25888_8851.N1	11-FEB-2007 15:45:35	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25888	No
187	GOM_NL__2PRFIN20070211_155219_000000362055_00283_25888_8852.N1	11-FEB-2007 15:52:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25888	No
188	GOM_NL__2PRFIN20070211_155810_000000352055_00283_25888_8853.N1	11-FEB-2007 15:58:10	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	25888	No
189	GOM_NL__2PRFIN20070211_160028_000000352055_00283_25888_8854.N1	11-FEB-2007 16:00:28	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25888	No
190	GOM_NL__2PRFIN20070211_160717_000000332055_00283_25888_8855.N1	11-FEB-2007 16:07:17	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25888	No
191	GOM_NL__2PRFIN20070211_161828_000000392055_00283_25888_8856.N1	11-FEB-2007 16:18:28	Twilight	39.000	57	34Sig Sgr	2.0660	26000.	78	25888	No
192	GOM_NL__2PRFIN20070211_162108_000000402055_00283_25888_8857.N1	11-FEB-2007 16:21:08	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	25888	No
193	GOM_NL__2PRFIN20070211_162305_000000412055_00283_25888_8858.N1	11-FEB-2007 16:23:05	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25888	No
194	GOM_NL__2PRFIN20070211_162426_000000432055_00283_25888_8859.N1	11-FEB-2007 16:24:26	Dark	42.500	40	The Sco	1.8590	7100.0	85	25888	No
195	GOM_NL__2PRFIN20070211_162614_000000372055_00283_25888_8860.N1	11-FEB-2007 16:26:14	Dark	37.000	147	Alp Ara	2.8770	26000.	74	25888	No
196	GOM_NL__2PRFIN20070211_162743_000000392055_00283_25888_8861.N1	11-FEB-2007 16:27:43	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	25888	No
197	GOM_NL__2PRFIN20070211_163341_000000552055_00284_25889_8857.N1	11-FEB-2007 16:33:41	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	25889	No
198	GOM_NL__2PRFIN20070211_163459_000000362055_00284_25889_8858.N1	11-FEB-2007 16:34:59	Dark	36.000	10	Bet Cen	0.61000	28000.	72	25889	No
199	GOM_NL__2PRFIN20070211_163810_000000402055_00284_25889_8859.N1	11-FEB-2007 16:38:10	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25889	No
200	GOM_NL__2PRFIN20070211_164055_000000362055_00284_25889_8860.N1	11-FEB-2007 16:40:55	Dark	35.500	29	Bet Car	1.6720	10200.	71	25889	No
201	GOM_NL__2PRFIN20070211_164328_000000392055_00284_25889_8861.N1	11-FEB-2007 16:43:28	Dark	38.500	71	lot Car	2.2460	7700.0	77	25889	No
202	GOM_NL__2PRFIN20070211_164508_000000362055_00284_25889_8862.N1	11-FEB-2007 16:45:08	Dark	36.000	46	Del Vel	1.9540	10600.	72	25889	No
203	GOM_NL__2PRFIN20070211_164733_000000412055_00284_25889_8863.N1	11-FEB-2007 16:47:33	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	25889	No
204	GOM_NL__2PRFIN20070211_164938_000000392055_00284_25889_8864.N1	11-FEB-2007 16:49:38	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	25889	No
205	GOM_NL__2PRFIN20070211_165355_000000412055_00284_25889_8865.N1	11-FEB-2007 16:53:55	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	25889	No
206	GOM_NL__2PRFIN20070211_170224_000000442055_00284_25889_8866.N1	11-FEB-2007 17:02:24	Bright	43.500	8	10Alp CMi	0.40000	6500.0	87	25889	No
207	GOM_NL__2PRFIN20070211_170846_000000382055_00284_25889_8867.N1	11-FEB-2007 17:08:46	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	25889	No
208	GOM_NL__2PRFIN20070211_172611_000000362055_00284_25889_8868.N1	11-FEB-2007 17:26:11	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25889	No
209	GOM_NL__2PRFIN20070211_173256_000000362055_00284_25889_8869.N1	11-FEB-2007 17:32:56	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	25889	No
210	GOM_NL__2PRFIN20070211_173846_000000332055_00284_25889_8870.N1	11-FEB-2007 17:38:46	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	25889	No
211	GOM_NL__2PRFIN20070211_174104_000000352055_00284_25889_8871.N1	11-FEB-2007 17:41:04	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	25889	No
212	GOM_NL__2PRFIN20070211_174753_000000332055_00284_25889_8872.N1	11-FEB-2007 17:47:53	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25889	No
213	GOM_NL__2PRFIN20070211_175904_000000392055_00284_25889_8873.N1	11-FEB-2007 17:59:04	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	25889	No
214	GOM_NL__2PRFIN20070211_180144_000000402055_00284_25889_8874.N1	11-FEB-2007 18:01:44	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	25889	No
215	GOM_NL__2PRFIN20070211_180342_000000402055_00284_25889_8875.N1	11-FEB-2007 18:03:42	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	25889	No
216	GOM_NL__2PRFIN20070211_180502_000000432055_00284_25889_8876.N1	11-FEB-2007 18:05:02	Dark	42.500	40	The Sco	1.8590	7100.0	85	25889	No
217	GOM_NL__2PRFIN20070211_180650_000000362055_00284_25889_8877.N1	11-FEB-2007 18:06:50	Dark	36.000	147	Alp Ara	2.8770	26000.	72	25889	No
218	GOM_NL__2PRFIN20070211_180820_000000422055_00284_25889_8878.N1	11-FEB-2007 18:08:20	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	25889	No
219	GOM_NL__2PRFIN20070211_181418_000000442055_00285_25890_8868.N1	11-FEB-2007 18:14:18	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	25890	No

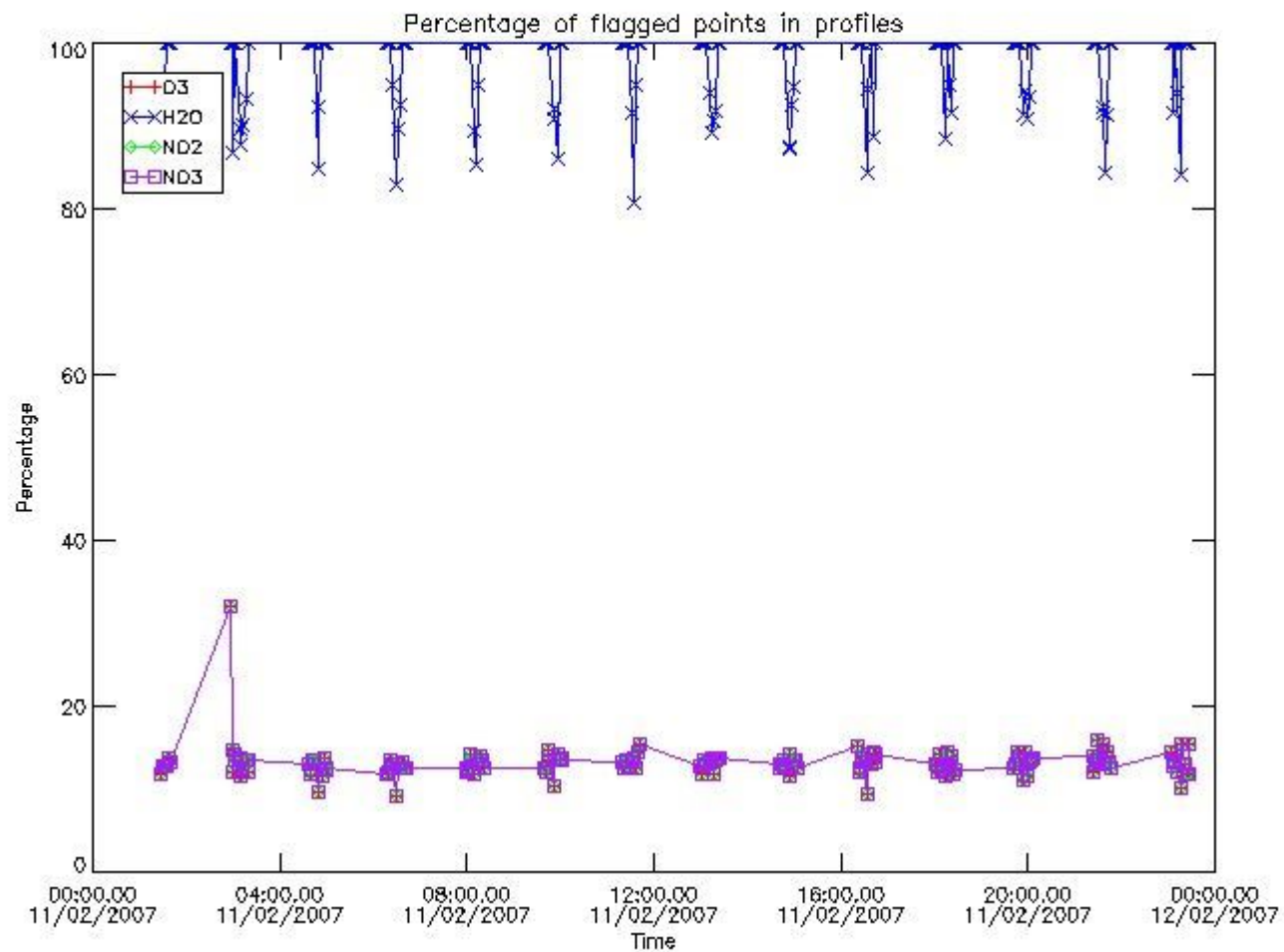
220	GOM_NL__2PRFIN20070211_181535_000000352055_00285_25890_8869.N1	11-FEB-2007 18:15:35	Dark	35.000	10	Bet Cen	0.61000	28000.	70	25890	No
221	GOM_NL__2PRFIN20070211_181846_000000402055_00285_25890_8870.N1	11-FEB-2007 18:18:46	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25890	No
222	GOM_NL__2PRFIN20070211_182131_000000372055_00285_25890_8871.N1	11-FEB-2007 18:21:31	Dark	36.500	29	Bet Car	1.6720	10200.	73	25890	No
223	GOM_NL__2PRFIN20070211_182405_000000442055_00285_25890_8872.N1	11-FEB-2007 18:24:05	Dark	43.500	71	lot Car	2.2460	7700.0	87	25890	No
224	GOM_NL__2PRFIN20070211_182544_000000422055_00285_25890_8873.N1	11-FEB-2007 18:25:44	Dark	41.500	46	Del Vel	1.9540	10600.	83	25890	No
225	GOM_NL__2PRFIN20070211_182809_000000372055_00285_25890_8874.N1	11-FEB-2007 18:28:09	Straylight	37.000	34	Gam2Vel	1.7930	23000.	74	25890	No
226	GOM_NL__2PRFIN20070211_183014_000000362055_00285_25890_8875.N1	11-FEB-2007 18:30:14	Straylight	36.000	70	Zet Pup	2.2460	39000.	72	25890	No
227	GOM_NL__2PRFIN20070211_183431_000000412055_00285_25890_8876.N1	11-FEB-2007 18:34:31	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	25890	No
228	GOM_NL__2PRFIN20070211_184300_000000482055_00285_25890_8877.N1	11-FEB-2007 18:43:00	Bright	47.500	8	10Alp CMi	0.40000	6500.0	95	25890	No
229	GOM_NL__2PRFIN20070211_184922_000000382055_00285_25890_8878.N1	11-FEB-2007 18:49:22	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	25890	No
230	GOM_NL__2PRFIN20070211_190647_000000352055_00285_25890_8879.N1	11-FEB-2007 19:06:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25890	No
231	GOM_NL__2PRFIN20070211_191332_000000332055_00285_25890_8880.N1	11-FEB-2007 19:13:32	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	25890	No
232	GOM_NL__2PRFIN20070211_191922_000000332055_00285_25890_8881.N1	11-FEB-2007 19:19:22	Bright	32.500	144	18Del Cyg	2.8600	11000.	65	25890	No
233	GOM_NL__2PRFIN20070211_192140_000000382055_00285_25890_8882.N1	11-FEB-2007 19:21:40	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	25890	No
234	GOM_NL__2PRFIN20070211_192829_000000342055_00285_25890_8883.N1	11-FEB-2007 19:28:29	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	25890	No
235	GOM_NL__2PRFIN20070211_193940_000000422055_00285_25890_8884.N1	11-FEB-2007 19:39:40	Twilight	41.500	57	34Sig Sgr	2.0660	26000.	83	25890	No
236	GOM_NL__2PRFIN20070211_194221_000000412055_00285_25890_8885.N1	11-FEB-2007 19:42:21	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	25890	No
237	GOM_NL__2PRFIN20070211_194418_000000402055_00285_25890_8886.N1	11-FEB-2007 19:44:18	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	25890	No
238	GOM_NL__2PRFIN20070211_194539_000000392055_00285_25890_8887.N1	11-FEB-2007 19:45:39	Dark	39.000	40	The Sco	1.8590	7100.0	78	25890	No
239	GOM_NL__2PRFIN20070211_194727_000000372055_00285_25890_8888.N1	11-FEB-2007 19:47:27	Dark	36.500	147	Alp Ara	2.8770	26000.	73	25890	No
240	GOM_NL__2PRFIN20070211_194856_000000382055_00285_25890_8889.N1	11-FEB-2007 19:48:56	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	25890	No
241	GOM_NL__2PRFIN20070211_195454_000000462055_00286_25891_8893.N1	11-FEB-2007 19:54:54	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	25891	No
242	GOM_NL__2PRFIN20070211_195612_000000352055_00286_25891_8894.N1	11-FEB-2007 19:56:12	Dark	35.000	10	Bet Cen	0.61000	28000.	70	25891	No
243	GOM_NL__2PRFIN20070211_195923_000000452055_00286_25891_8895.N1	11-FEB-2007 19:59:23	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	25891	No
244	GOM_NL__2PRFIN20070211_200207_000000392055_00286_25891_8896.N1	11-FEB-2007 20:02:07	Dark	38.500	29	Bet Car	1.6720	10200.	77	25891	No
245	GOM_NL__2PRFIN20070211_200441_000000382055_00286_25891_8897.N1	11-FEB-2007 20:04:41	Dark	38.000	71	lot Car	2.2460	7700.0	76	25891	No
246	GOM_NL__2PRFIN20070211_200620_000000372055_00286_25891_8898.N1	11-FEB-2007 20:06:20	Dark	37.000	46	Del Vel	1.9540	10600.	74	25891	No
247	GOM_NL__2PRFIN20070211_200845_000000402055_00286_25891_8899.N1	11-FEB-2007 20:08:45	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	25891	No
248	GOM_NL__2PRFIN20070211_201050_000000372055_00286_25891_8900.N1	11-FEB-2007 20:10:50	Straylight	37.000	70	Zet Pup	2.2460	39000.	74	25891	No
249	GOM_NL__2PRFIN20070211_201508_000000402055_00286_25891_8901.N1	11-FEB-2007 20:15:08	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	25891	No
250	GOM_NL__2PRFIN20070211_202337_000000522055_00286_25891_8902.N1	11-FEB-2007 20:23:37	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	25891	No
251	GOM_NL__2PRFIN20070211_202958_000000392055_00286_25891_8903.N1	11-FEB-2007 20:29:58	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	25891	No
252	GOM_NL__2PRFIN20070211_204723_000000372055_00286_25891_8904.N1	11-FEB-2007 20:47:23	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	25891	No
253	GOM_NL__2PRFIN20070211_205408_000000352055_00286_25891_8905.N1	11-FEB-2007 20:54:08	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	25891	No
254	GOM_NL__2PRFIN20070211_205958_000000342055_00286_25891_8906.N1	11-FEB-2007 20:59:58	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	25891	No
255	GOM_NL__2PRFIN20070211_210216_000000382055_00286_25891_8907.N1	11-FEB-2007 21:02:16	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	25891	No
256	GOM_NL__2PRFIN20070211_210905_000000332055_00286_25891_8908.N1	11-FEB-2007 21:09:05	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	25891	No
257	GOM_NL__2PRFIN20070211_212016_000000392055_00286_25891_8909.N1	11-FEB-2007 21:20:16	Twilight	39.000	57	34Sig Sgr	2.0660	26000.	78	25891	No
258	GOM_NL__2PRFIN20070211_212257_000000372055_00286_25891_8910.N1	11-FEB-2007 21:22:57	Dark	36.500	38	20Eps Sgr	1.8360	11000.	73	25891	No
259	GOM_NL__2PRFIN20070211_212455_000000432055_00286_25891_8911.N1	11-FEB-2007 21:24:55	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	25891	No
260	GOM_NL__2PRFIN20070211_212615_000000432055_00286_25891_8912.N1	11-FEB-2007 21:26:15	Dark	43.000	40	The Sco	1.8590	7100.0	86	25891	No
261	GOM_NL__2PRFIN20070211_212803_000000382055_00286_25891_8913.N1	11-FEB-2007 21:28:03	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25891	No
262	GOM_NL__2PRFIN20070211_212932_000000392055_00286_25891_8914.N1	11-FEB-2007 21:29:32	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	25891	No
263	GOM_NL__2PRFIN20070211_213531_000000422055_00287_25892_8905.N1	11-FEB-2007 21:35:31	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	25892	No
264	GOM_NL__2PRFIN20070211_213648_000000332055_00287_25892_8906.N1	11-FEB-2007 21:36:48	Dark	33.000	10	Bet Cen	0.61000	28000.	66	25892	No
265	GOM_NL__2PRFIN20070211_213959_000000392055_00287_25892_8907.N1	11-FEB-2007 21:39:59	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	25892	No
266	GOM_NL__2PRFIN20070211_214243_000000362055_00287_25892_8908.N1	11-FEB-2007 21:42:43	Dark	35.500	29	Bet Car	1.6720	10200.	71	25892	No
267	GOM_NL__2PRFIN20070211_214517_000000392055_00287_25892_8909.N1	11-FEB-2007 21:45:17	Dark	38.500	71	lot Car	2.2460	7700.0	77	25892	No
268	GOM_NL__2PRFIN20070211_214656_000000412055_00287_25892_8910.N1	11-FEB-2007 21:46:56	Dark	40.500	46	Del Vel	1.9540	10600.	81	25892	No
269	GOM_NL__2PRFIN20070211_214922_000000382055_00287_25892_8911.N1	11-FEB-2007 21:49:22	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	25892	No
270	GOM_NL__2PRFIN20070211_215126_000000372055_00287_25892_8912.N1	11-FEB-2007 21:51:26	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	25892	No
271	GOM_NL__2PRFIN20070211_215544_000000402055_00287_25892_8913.N1	11-FEB-2007 21:55:44	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	25892	No
272	GOM_NL__2PRFIN20070211_220412_000000462055_00287_25892_8914.N1	11-FEB-2007 22:04:12	Bright	45.500	8	10Alp CMi	0.40000	6500.0	91	25892	No
273	GOM_NL__2PRFIN20070211_221034_000000372055_00287_25892_8915.N1	11-FEB-2007 22:10:34	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	25892	No
274	GOM_NL__2PRFIN20070211_222759_000000362055_00287_25892_8916.N1	11-FEB-2007 22:27:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25892	No
275	GOM_NL__2PRFIN20070211_223444_000000352055_00287_25892_8917.N1	11-FEB-2007 22:34:44	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	25892	No
276	GOM_NL__2PRFIN20070211_224034_000000342055_00287_25892_8918.N1	11-FEB-2007 22:40:34	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	25892	No
277	GOM_NL__2PRFIN20070211_224253_000000342055_00287_25892_8919.N1	11-FEB-2007 22:42:53	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25892	No
278	GOM_NL__2PRFIN20070211_224941_000000332055_00287_25892_8920.N1	11-FEB-2007 22:49:41	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25892	No

279	GOM_NL__2PRFIN20070211_230052_000000372055_00287_25892_8921.N1	11-FEB-2007 23:00:52	Twilight	37.000	57	34Sig Sgr	2.0660	26000.	74	25892	No
280	GOM_NL__2PRFIN20070211_230333_000000392055_00287_25892_8922.N1	11-FEB-2007 23:03:33	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	25892	No
281	GOM_NL__2PRFIN20070211_230531_000000402055_00287_25892_8923.N1	11-FEB-2007 23:05:31	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	25892	No
282	GOM_NL__2PRFIN20070211_230651_000000432055_00287_25892_8924.N1	11-FEB-2007 23:06:51	Dark	42.500	40	The Sco	1.8590	7100.0	85	25892	No
283	GOM_NL__2PRFIN20070211_230839_000000382055_00287_25892_8925.N1	11-FEB-2007 23:08:39	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25892	No
284	GOM_NL__2PRFIN20070211_231008_000000432055_00287_25892_8926.N1	11-FEB-2007 23:10:08	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	25892	No
285	GOM_NL__2PRFIN20070211_231607_000000512055_00288_25893_8921.N1	11-FEB-2007 23:16:07	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	25893	No
286	GOM_NL__2PRFIN20070211_231725_000000332055_00288_25893_8922.N1	11-FEB-2007 23:17:25	Dark	33.000	10	Bet Cen	0.610000	28000.	66	25893	No
287	GOM_NL__2PRFIN20070211_232036_000000402055_00288_25893_8923.N1	11-FEB-2007 23:20:36	Dark	39.500	12	Alp1Cru	0.775000	30000.	79	25893	No
288	GOM_NL__2PRFIN20070211_232319_000000432055_00288_25893_8924.N1	11-FEB-2007 23:23:19	Dark	43.000	29	Bet Car	1.6720	10200.	86	25893	No
289	GOM_NL__2PRFIN20070211_232553_000000432055_00288_25893_8925.N1	11-FEB-2007 23:25:53	Dark	43.000	71	lot Car	2.2460	7700.0	86	25893	No
290	GOM_NL__2PRFIN20070211_232733_000000372055_00288_25893_8926.N1	11-FEB-2007 23:27:33	Dark	36.500	46	Del Vel	1.9540	10600.	73	25893	No
291	GOM_NL__2PRFIN20070211_232958_000000402055_00288_25893_8927.N1	11-FEB-2007 23:29:58	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	25893	No
292	GOM_NL__2PRFIN20070211_233202_000000382055_00288_25893_8928.N1	11-FEB-2007 23:32:02	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25893	No
293	GOM_NL__2PRFIN20070211_233620_000000402055_00288_25893_8929.N1	11-FEB-2007 23:36:20	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	25893	No
294	GOM_NL__2PRFIN20070211_234448_000000432055_00288_25893_8930.N1	11-FEB-2007 23:44:48	Bright	43.000	8	10Alp CMI	0.400000	6500.0	86	25893	No
295	GOM_NL__2PRFIN20070211_235110_000000382055_00288_25893_8931.N1	11-FEB-2007 23:51:10	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	25893	No

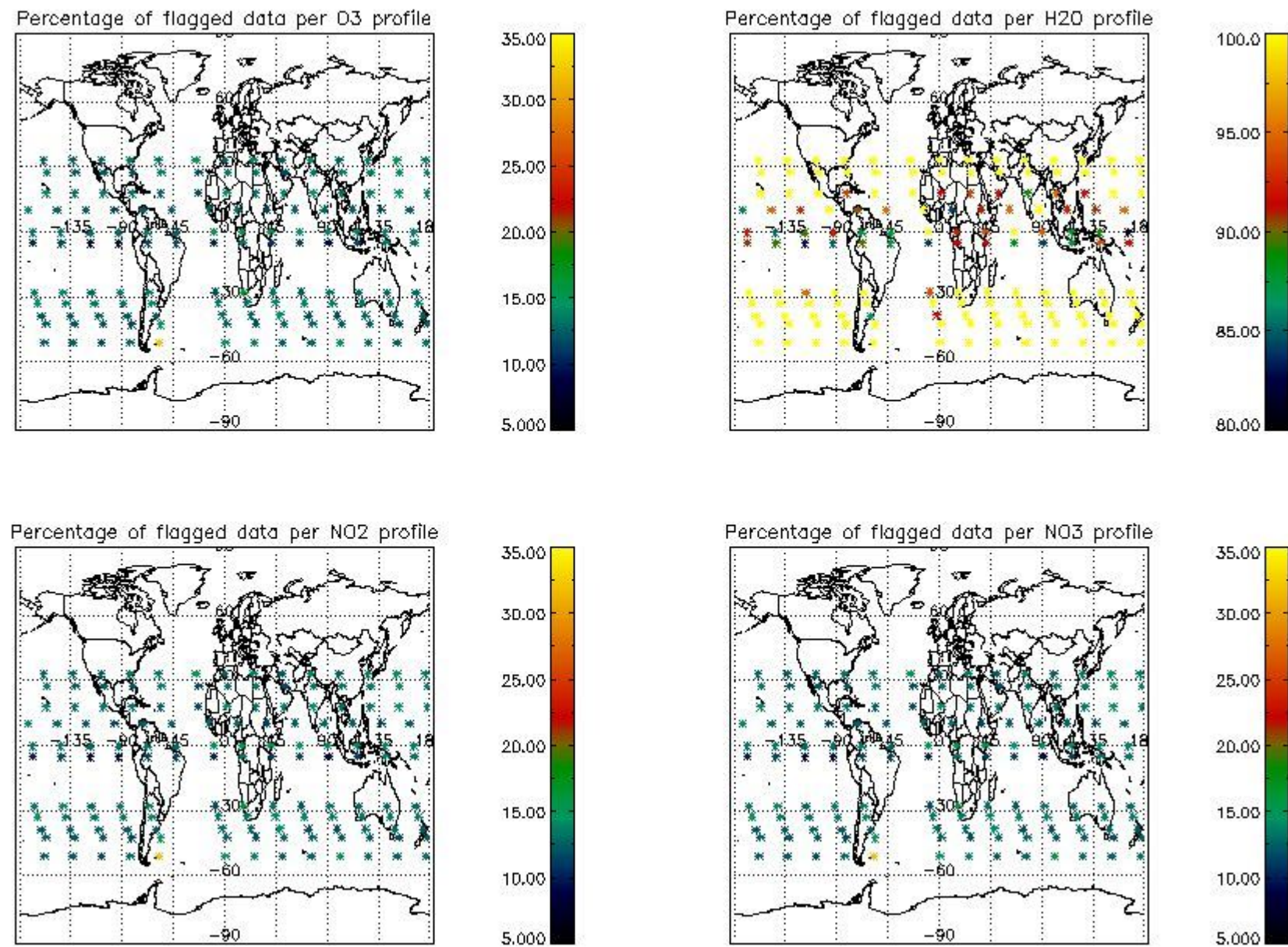
3. Quality information per product

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)

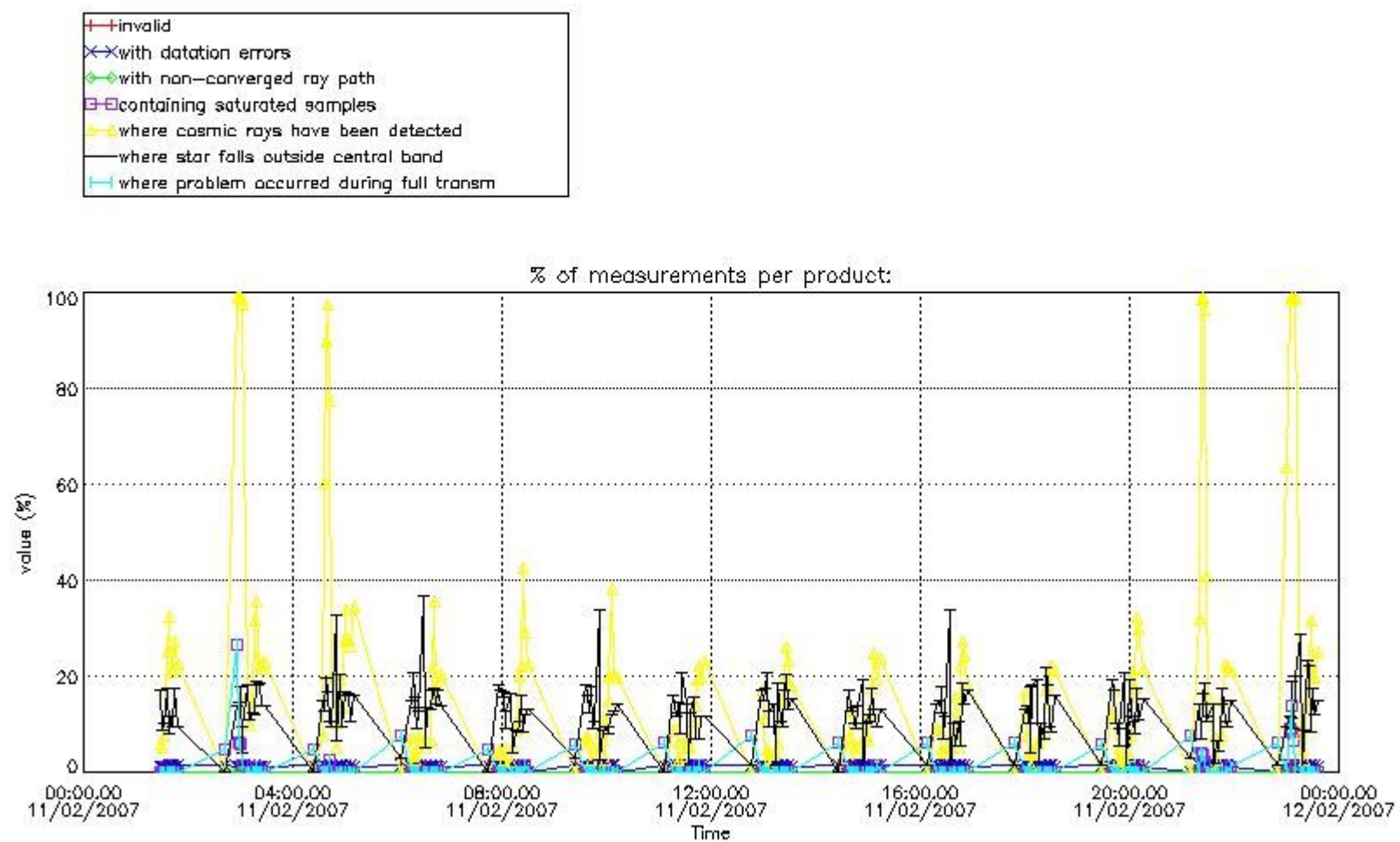


4. Level 1 quality information per product

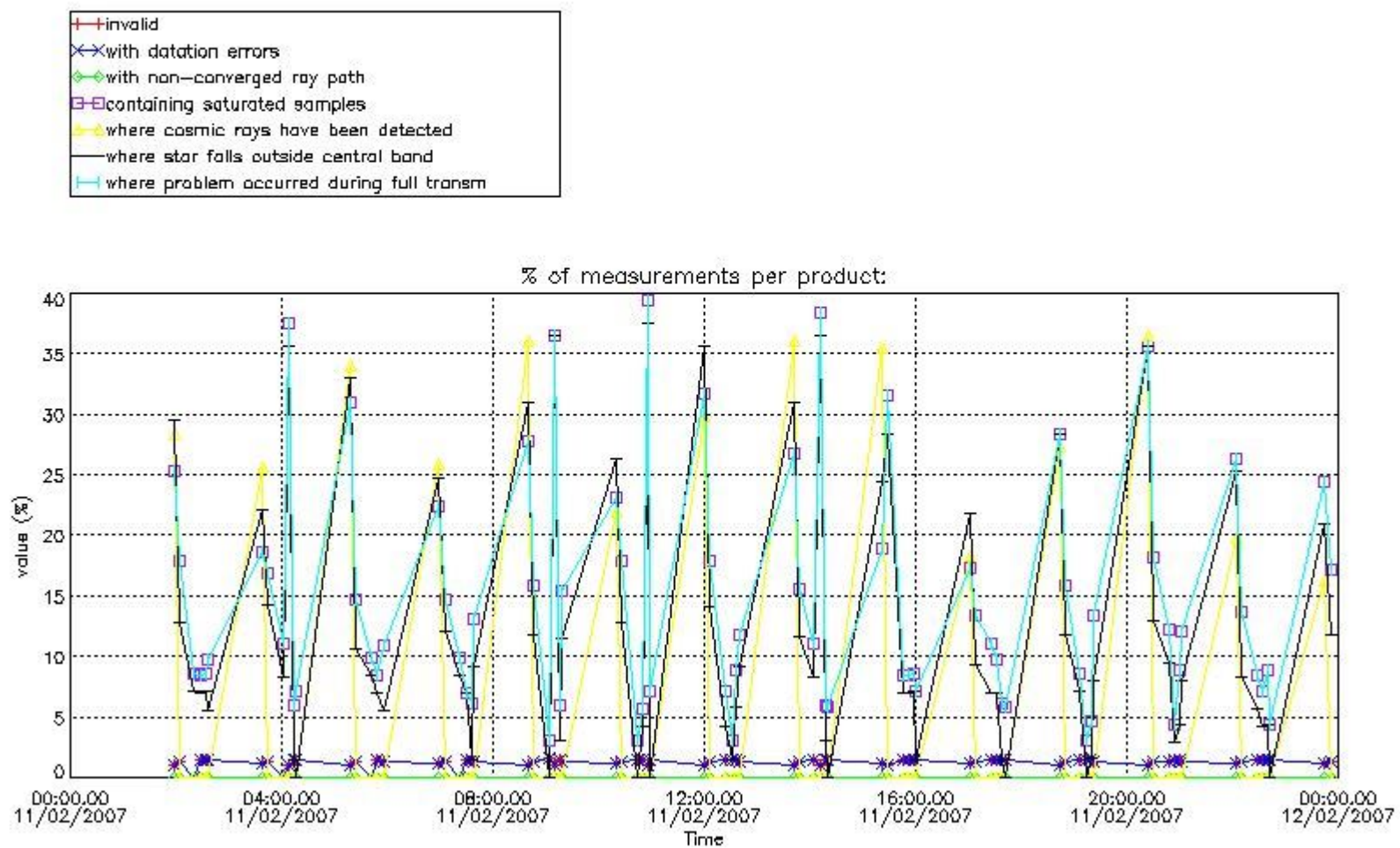
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



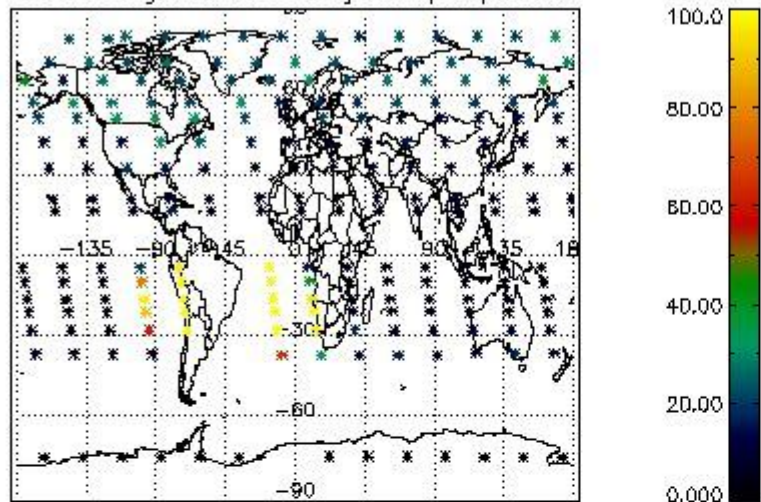
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



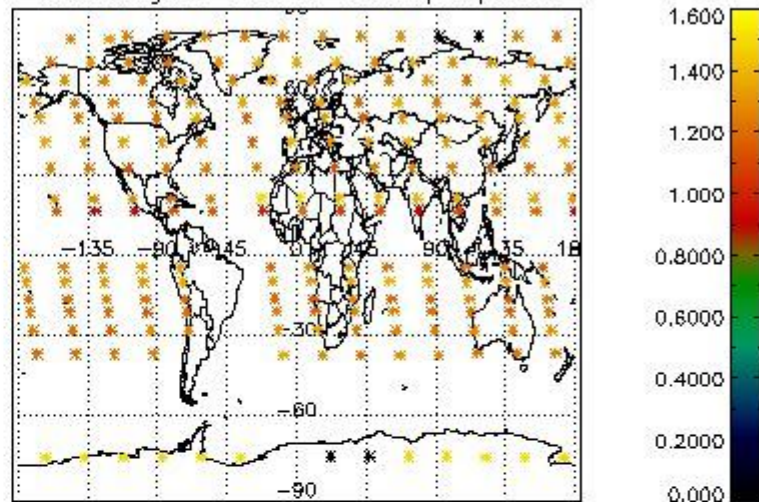
4.2 Plot quality information per product coming from level 1b processing (world map)

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

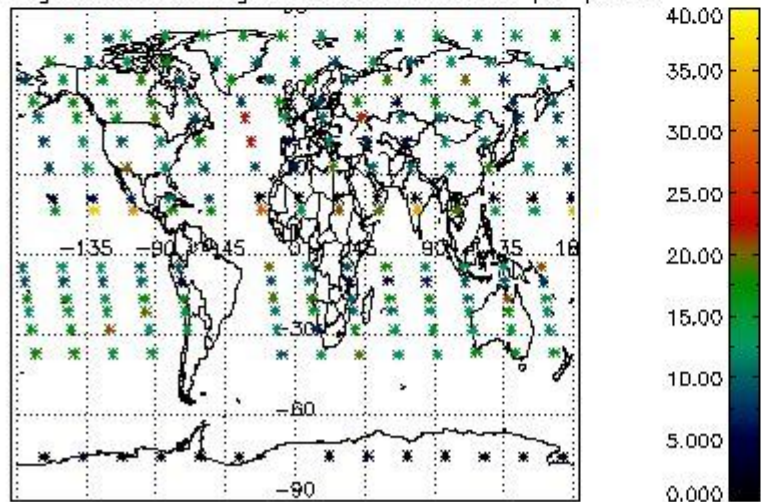
Percentage of cosmic ray hits per profile



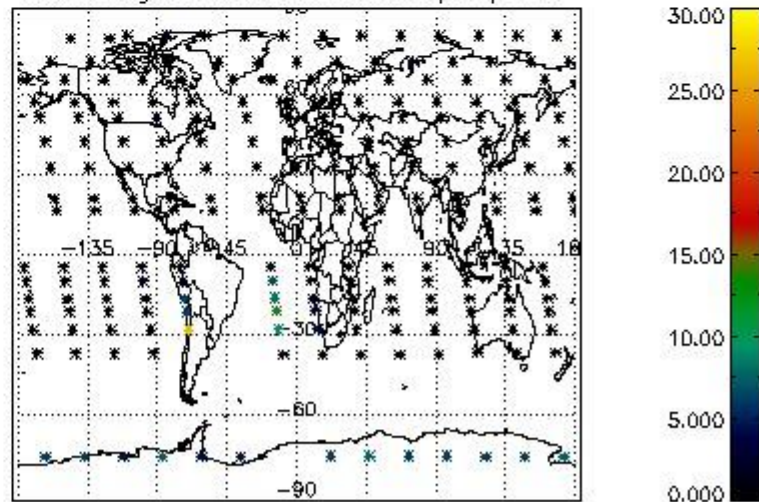
Percentage of datation errors per profile



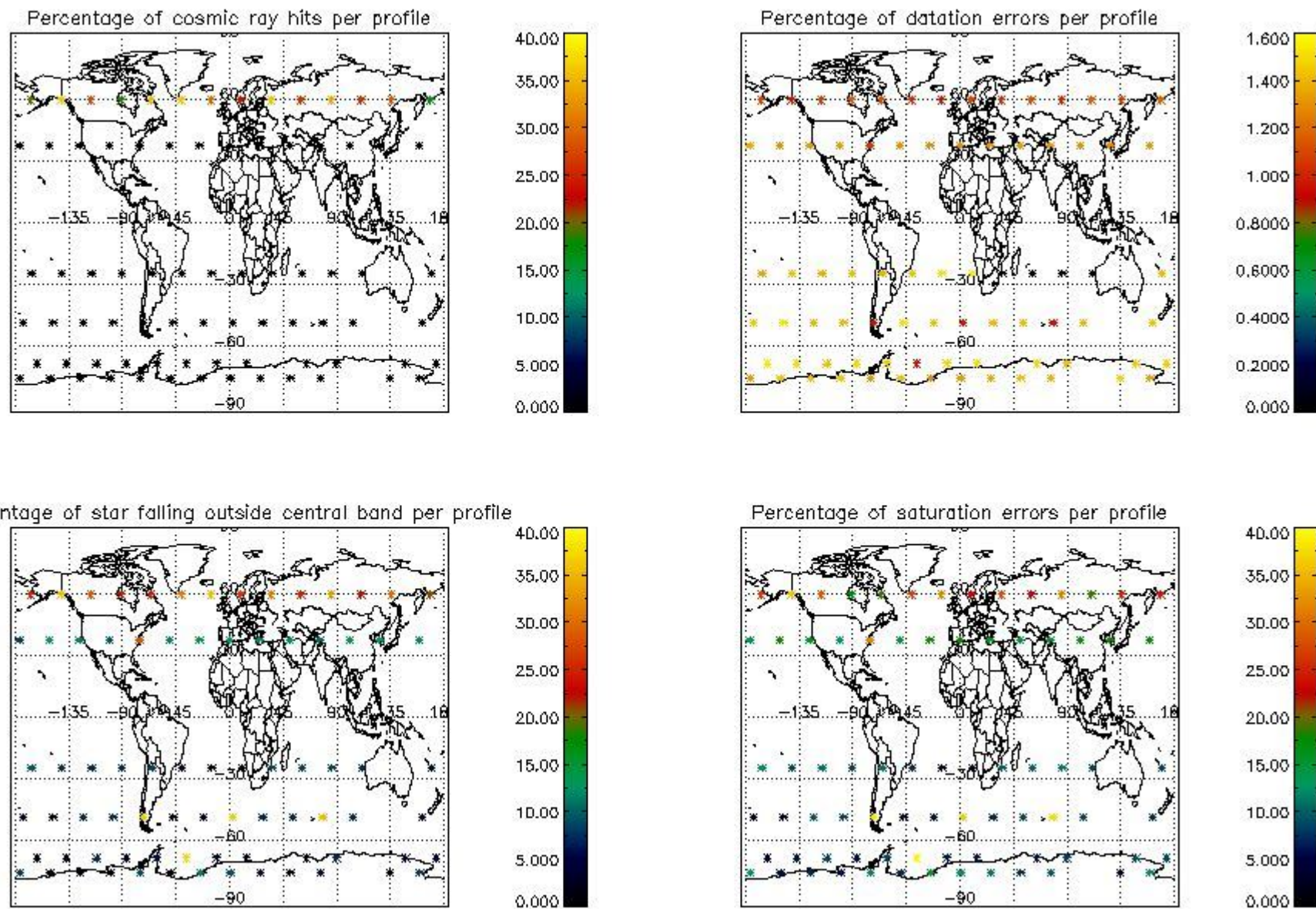
Percentage of star falling outside central band per profile



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

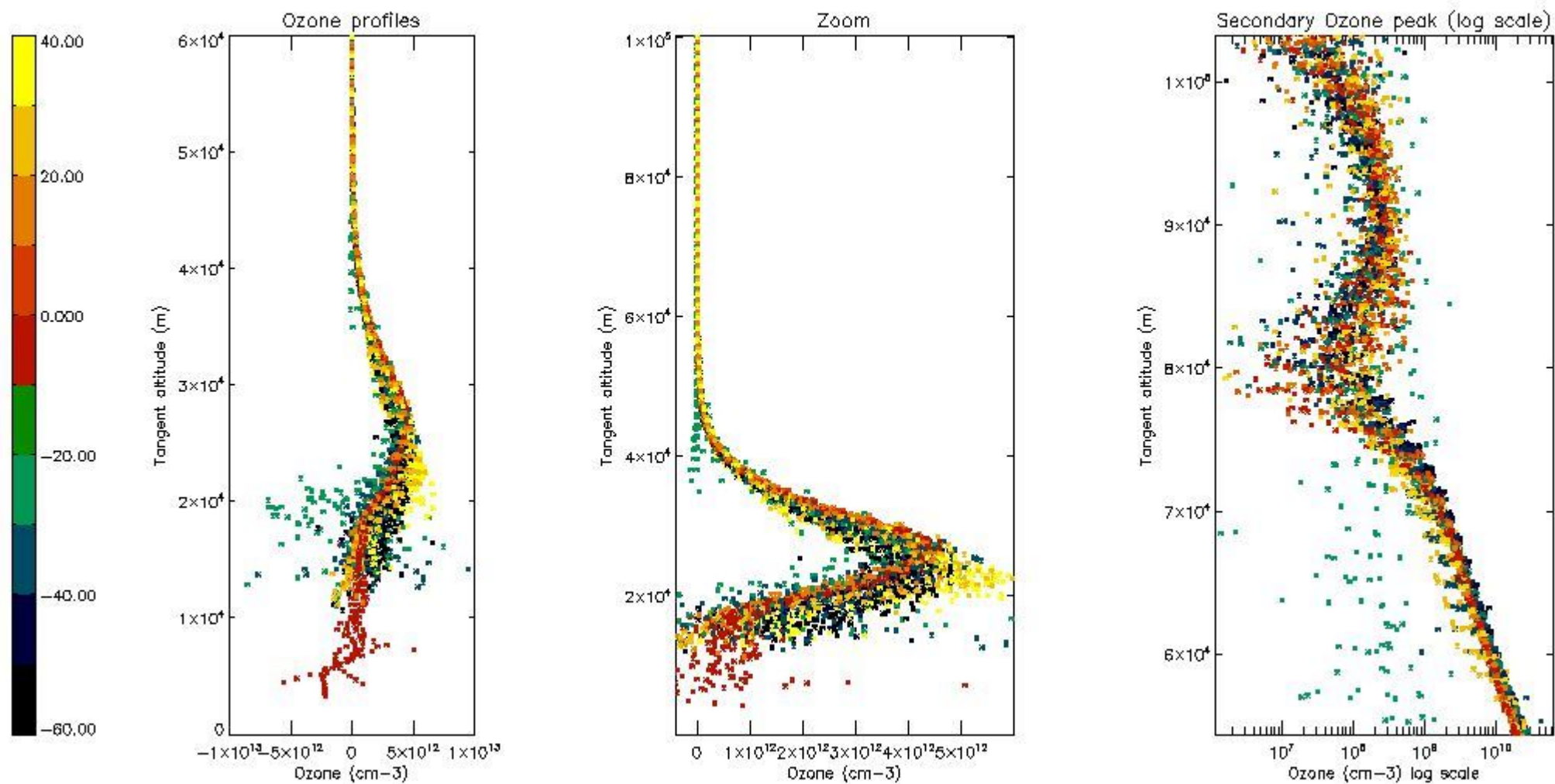
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	52
STD < 20	30

STD < 10	25
STD < 5	17

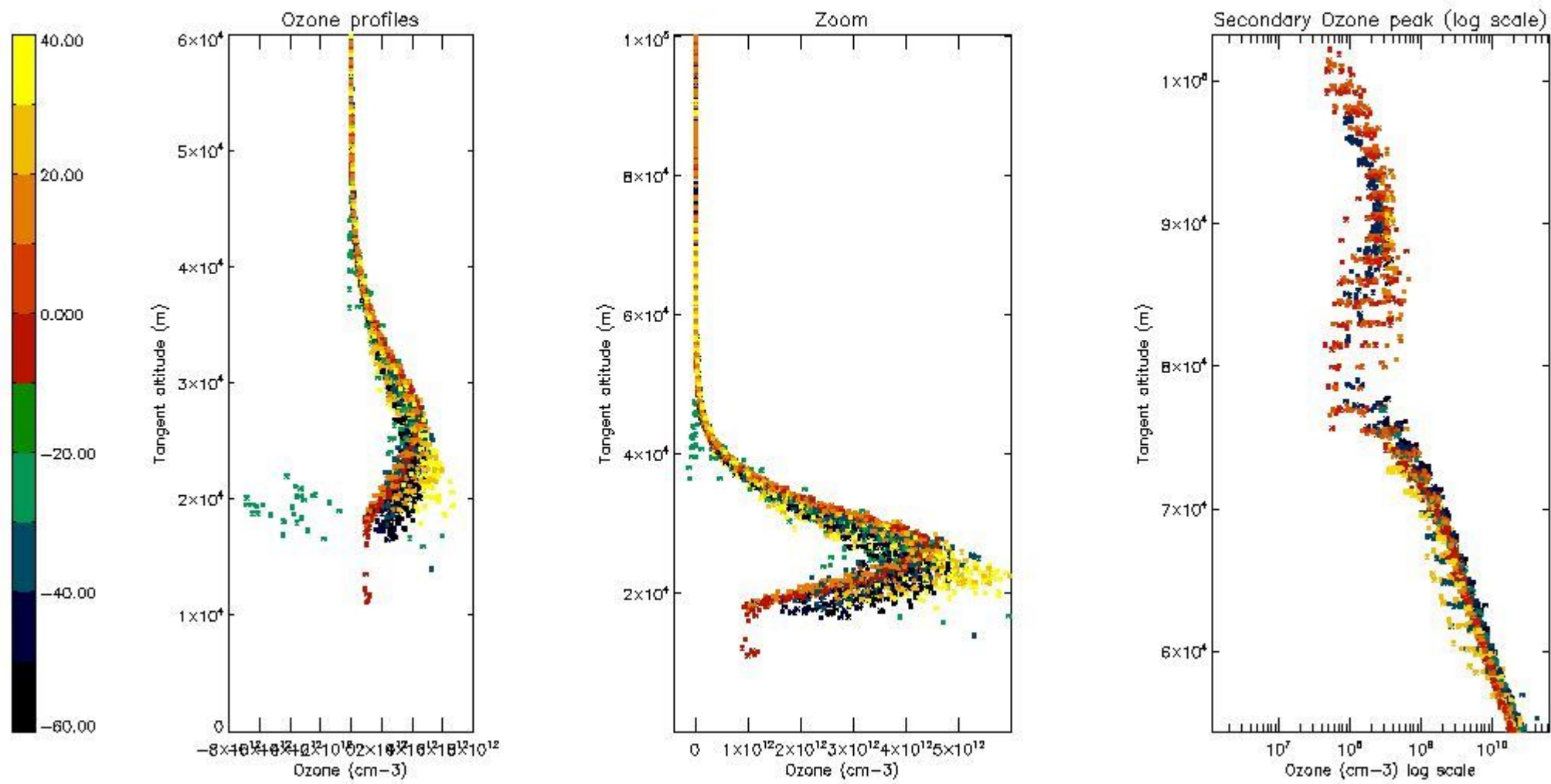
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



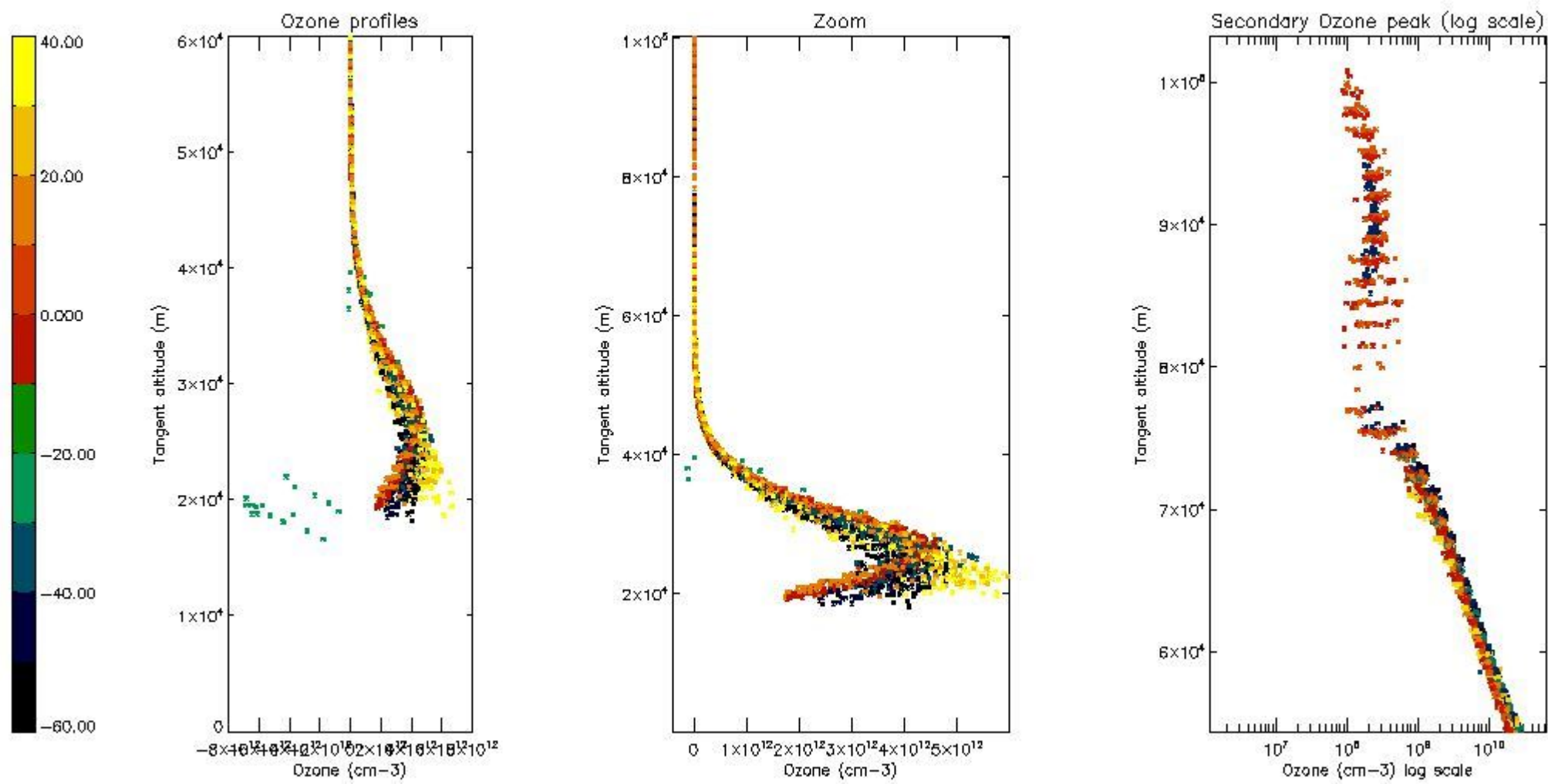
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



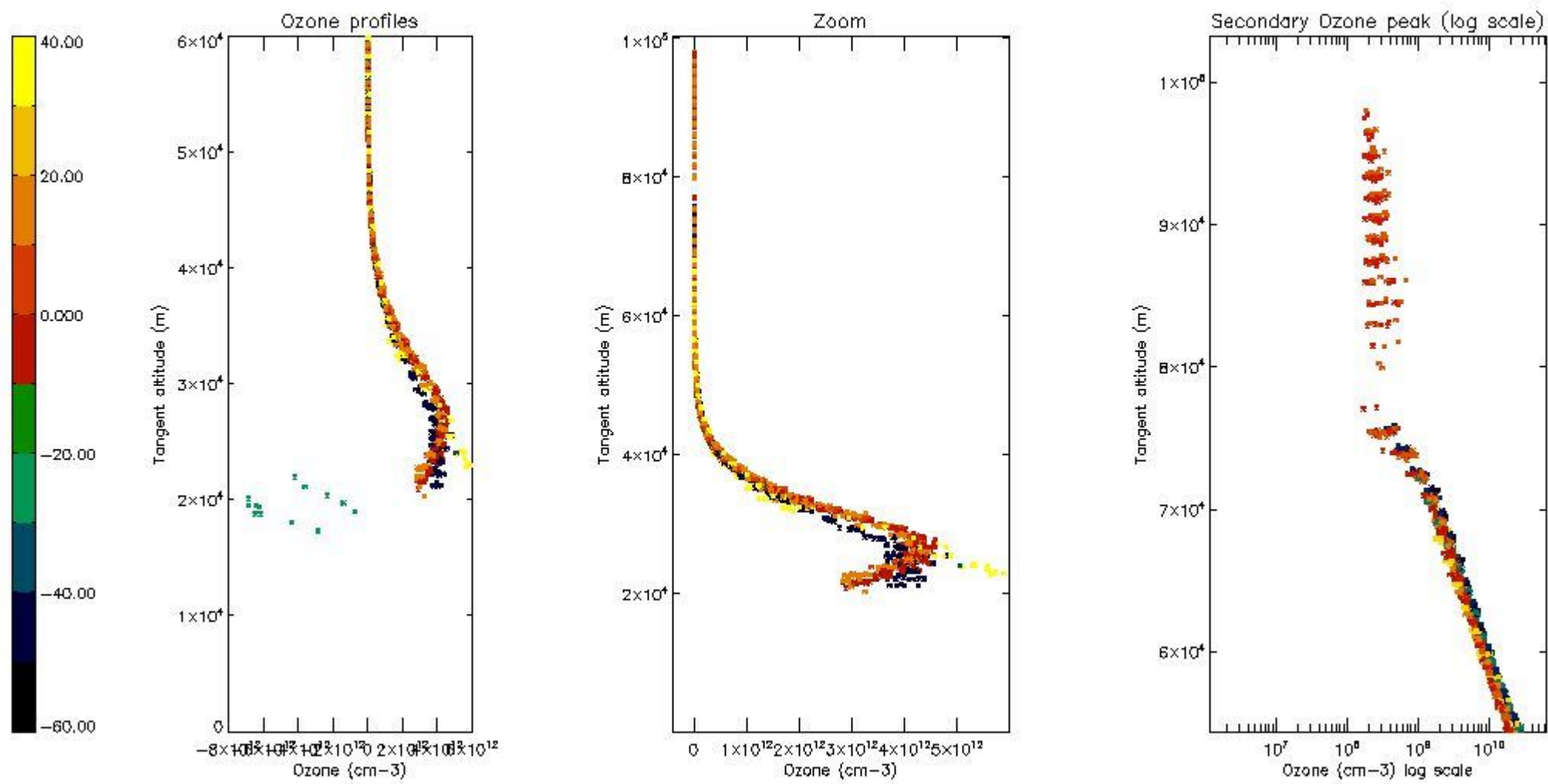
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



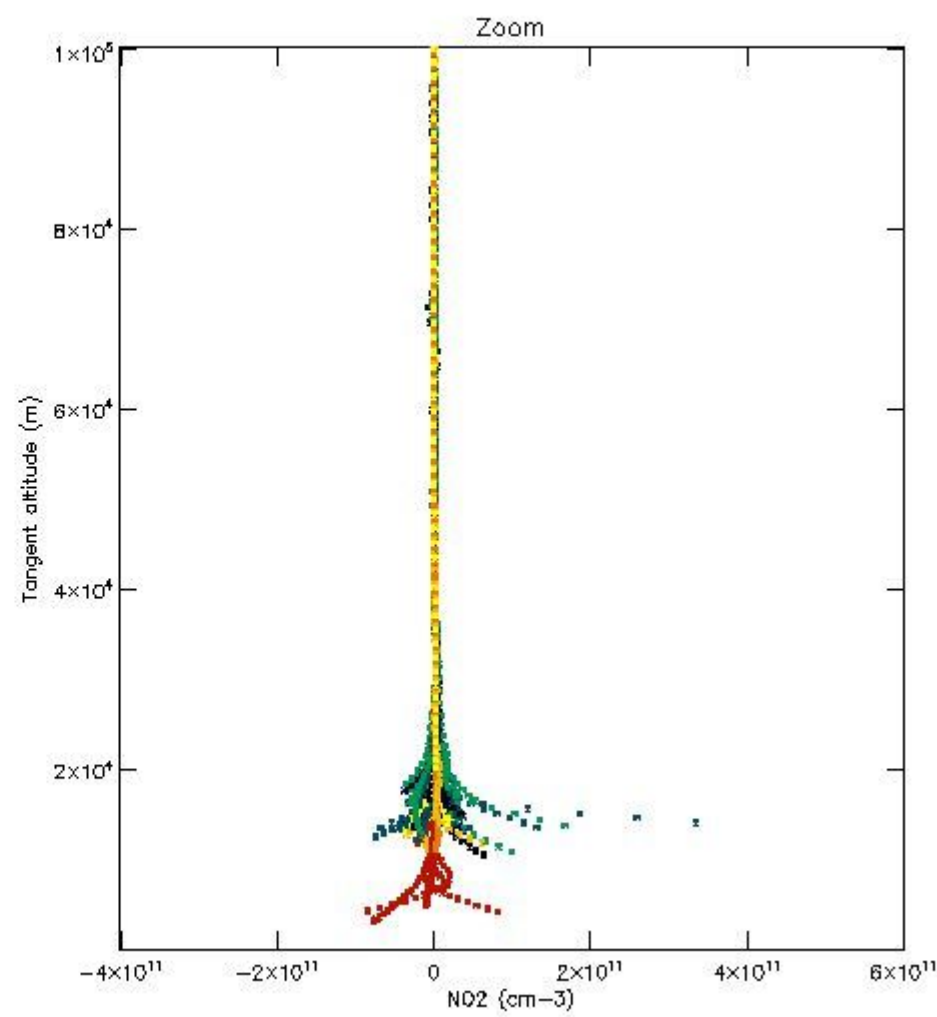
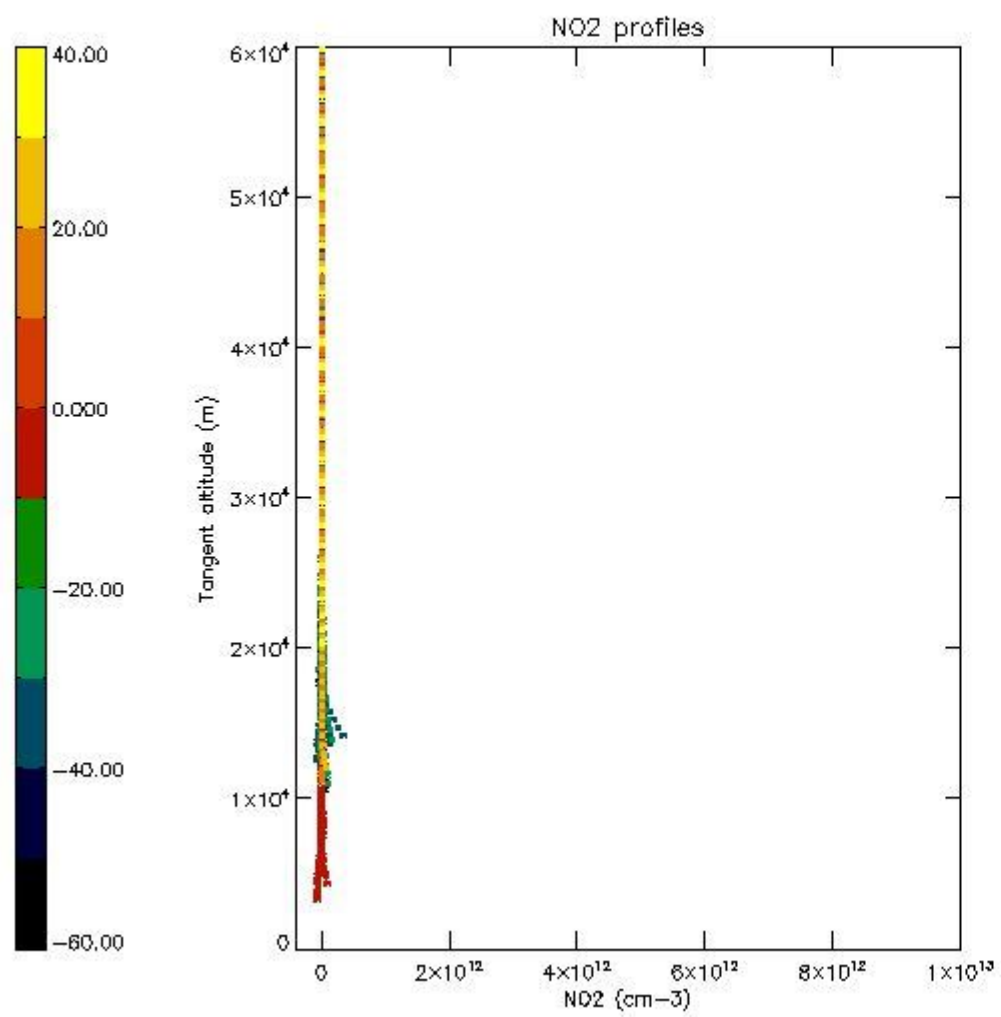
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



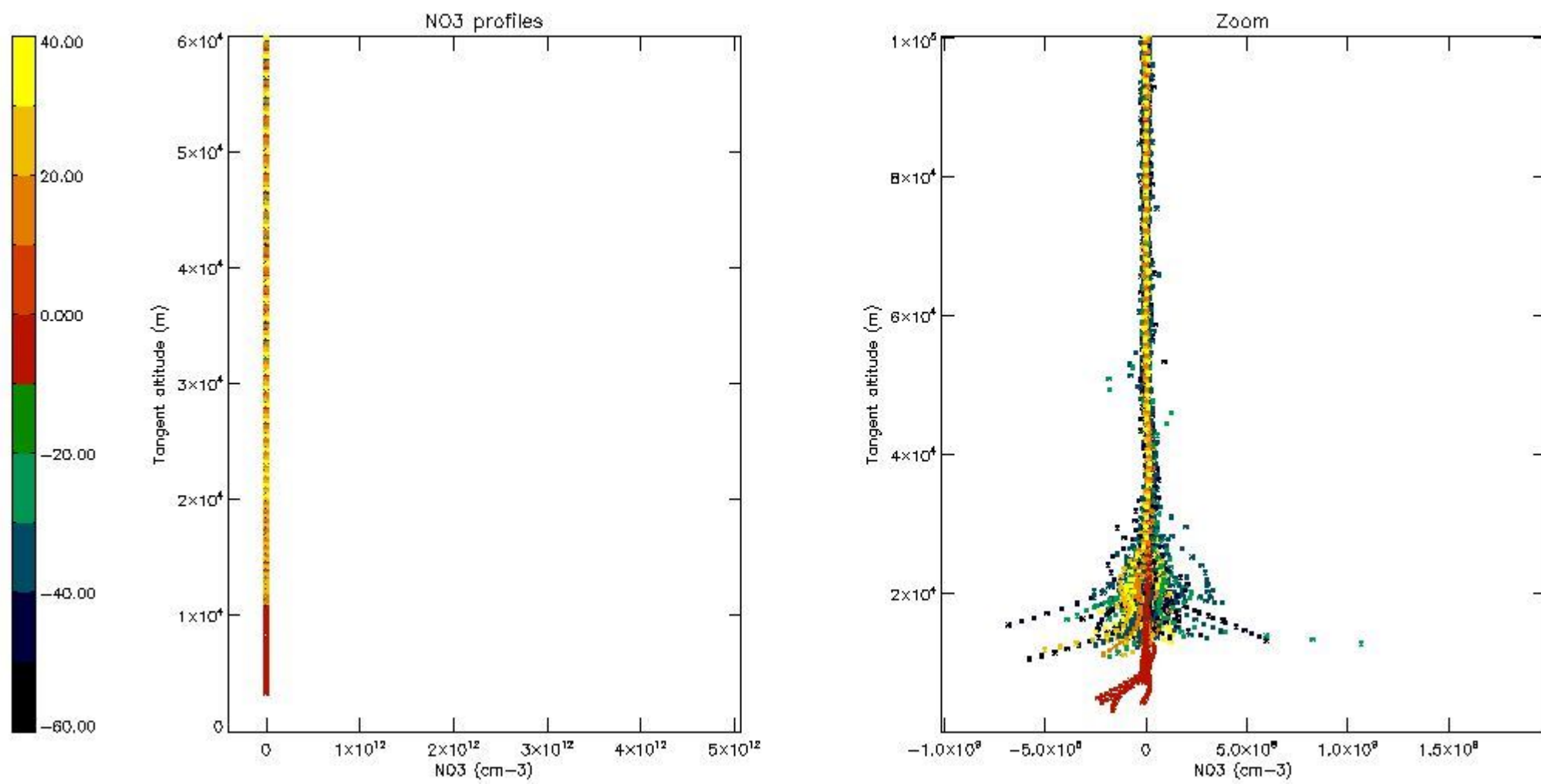
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



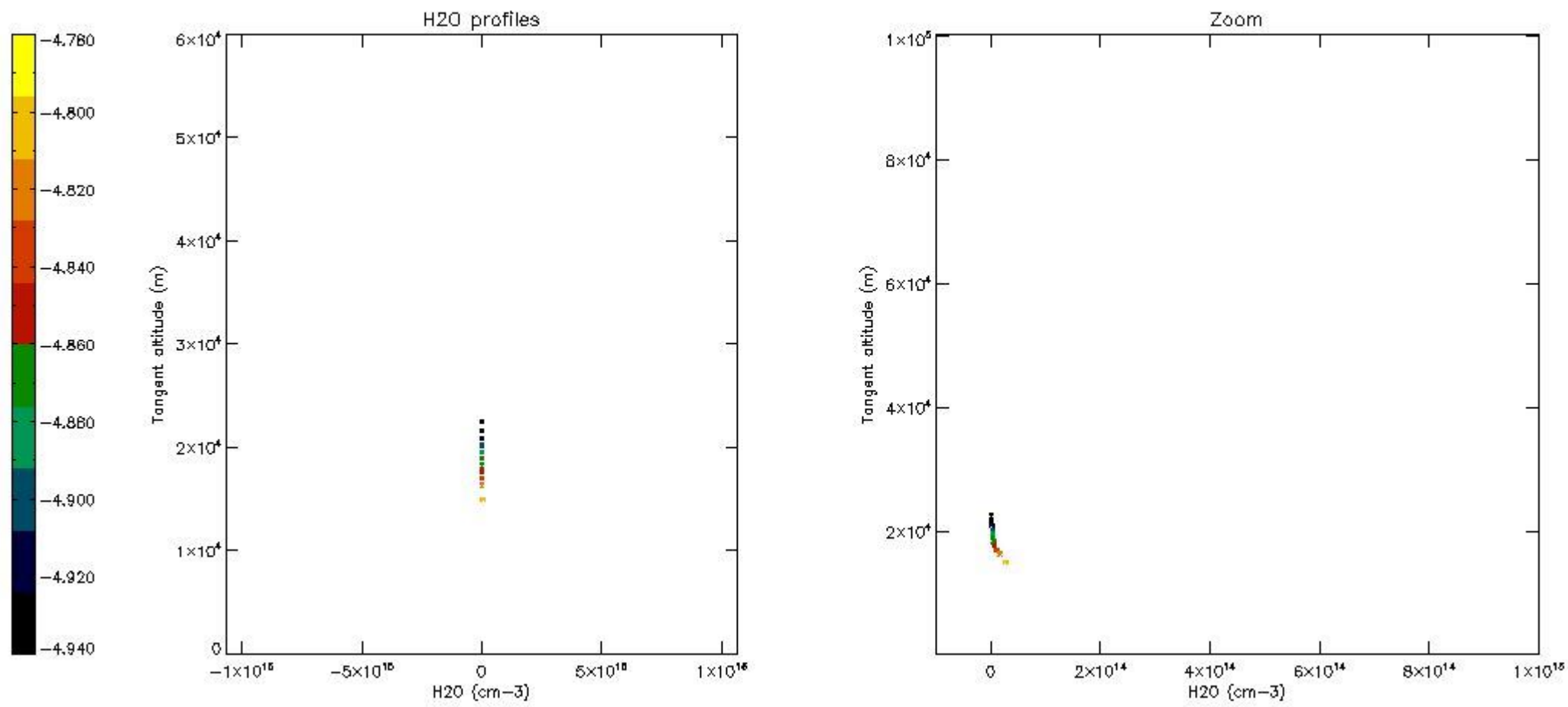
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

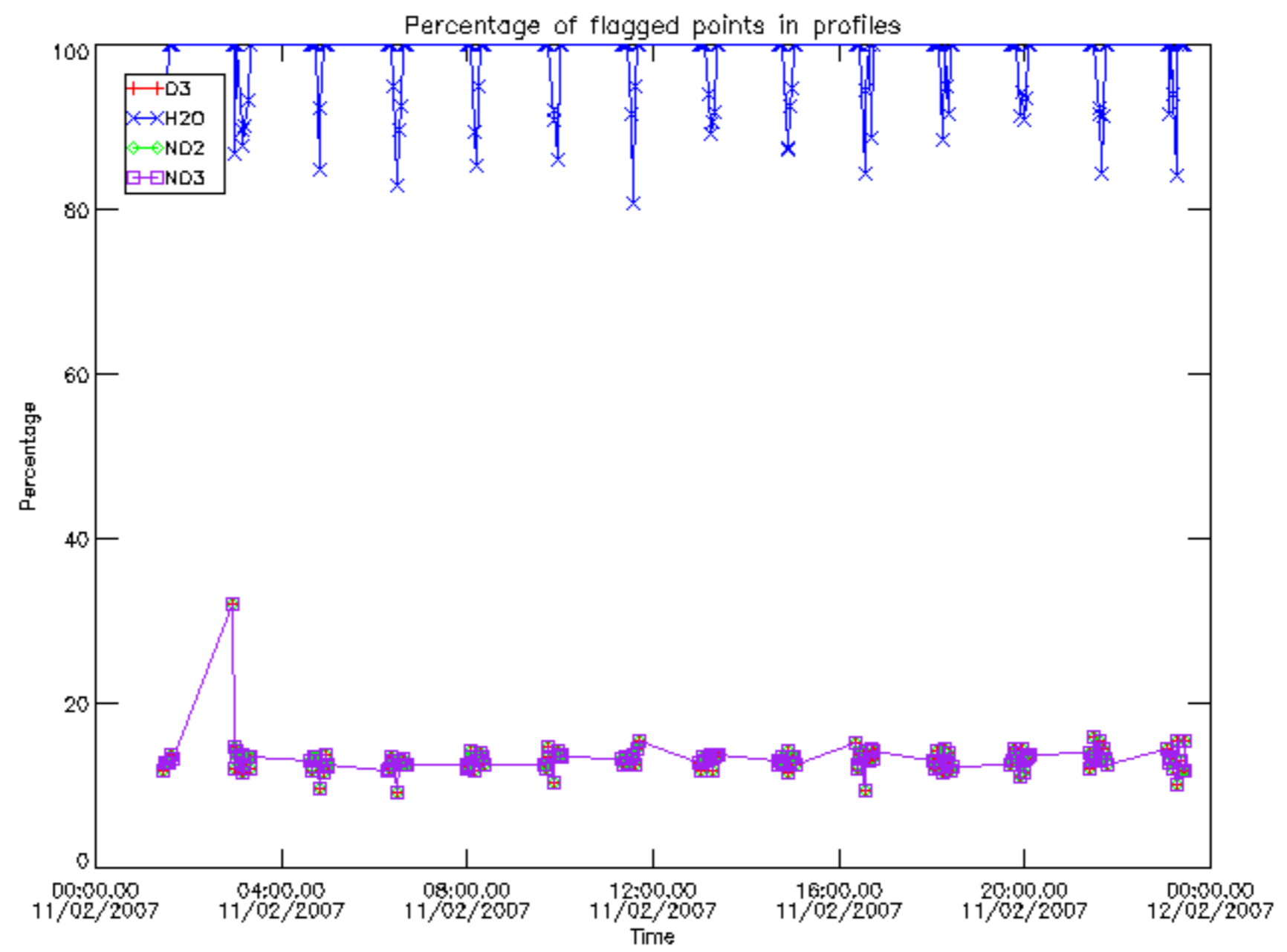
The colorbar represents the latitude.



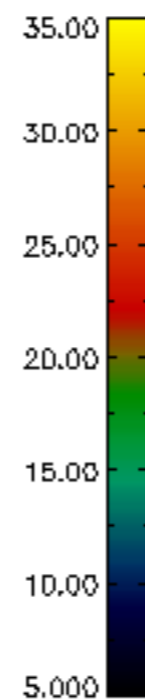
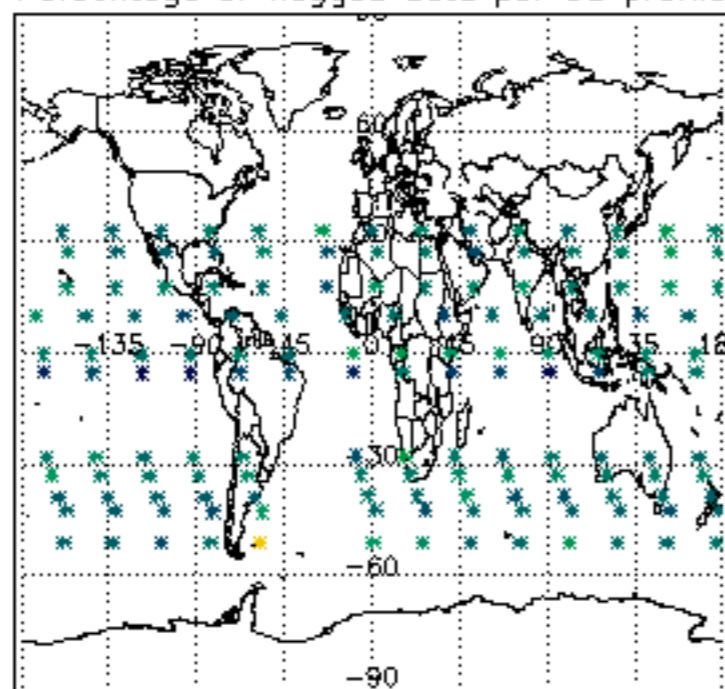
6. Auxiliary Data Files used for the production reported in section 2

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.

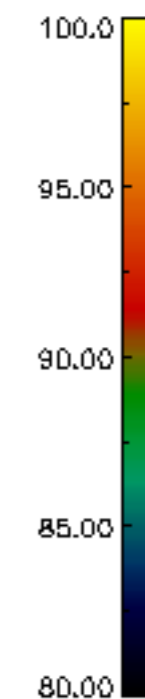
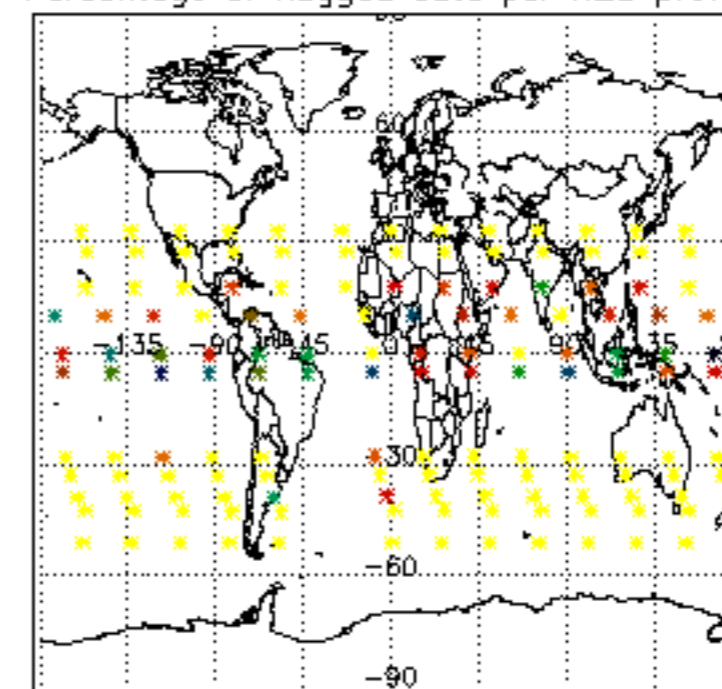
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-FEB-2007 01:28:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-FEB-2007 01:28:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-FEB-2007 01:28:12



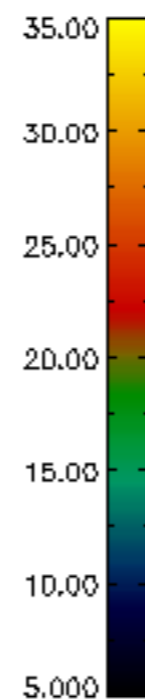
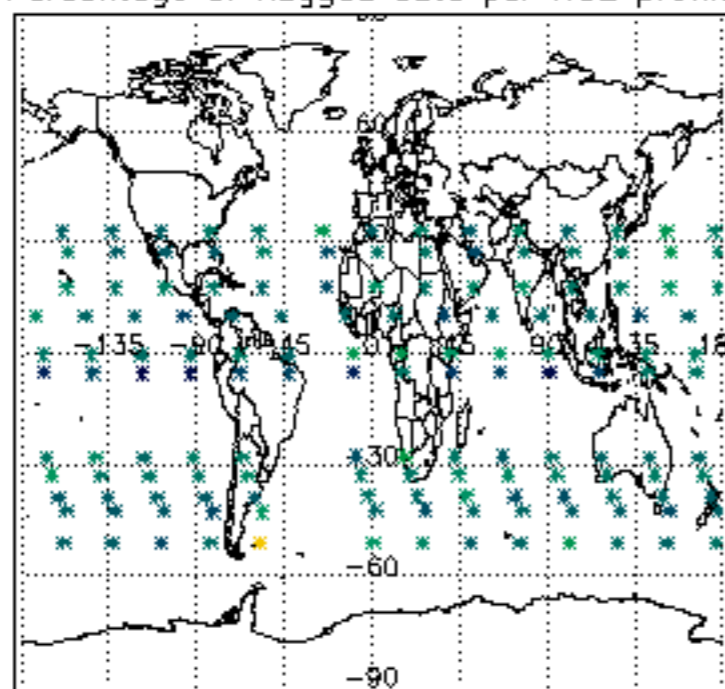
Percentage of flagged data per D3 profile



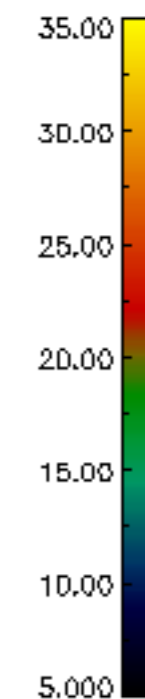
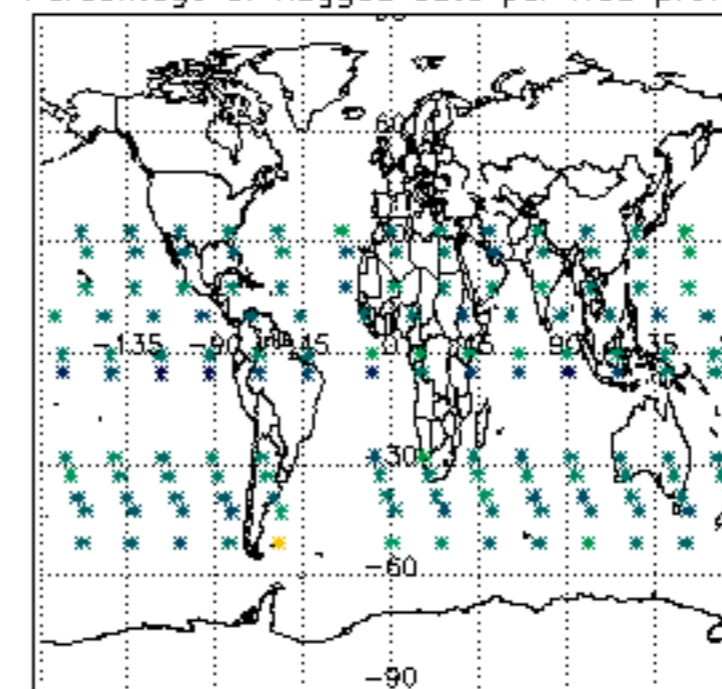
Percentage of flagged data per H2O profile

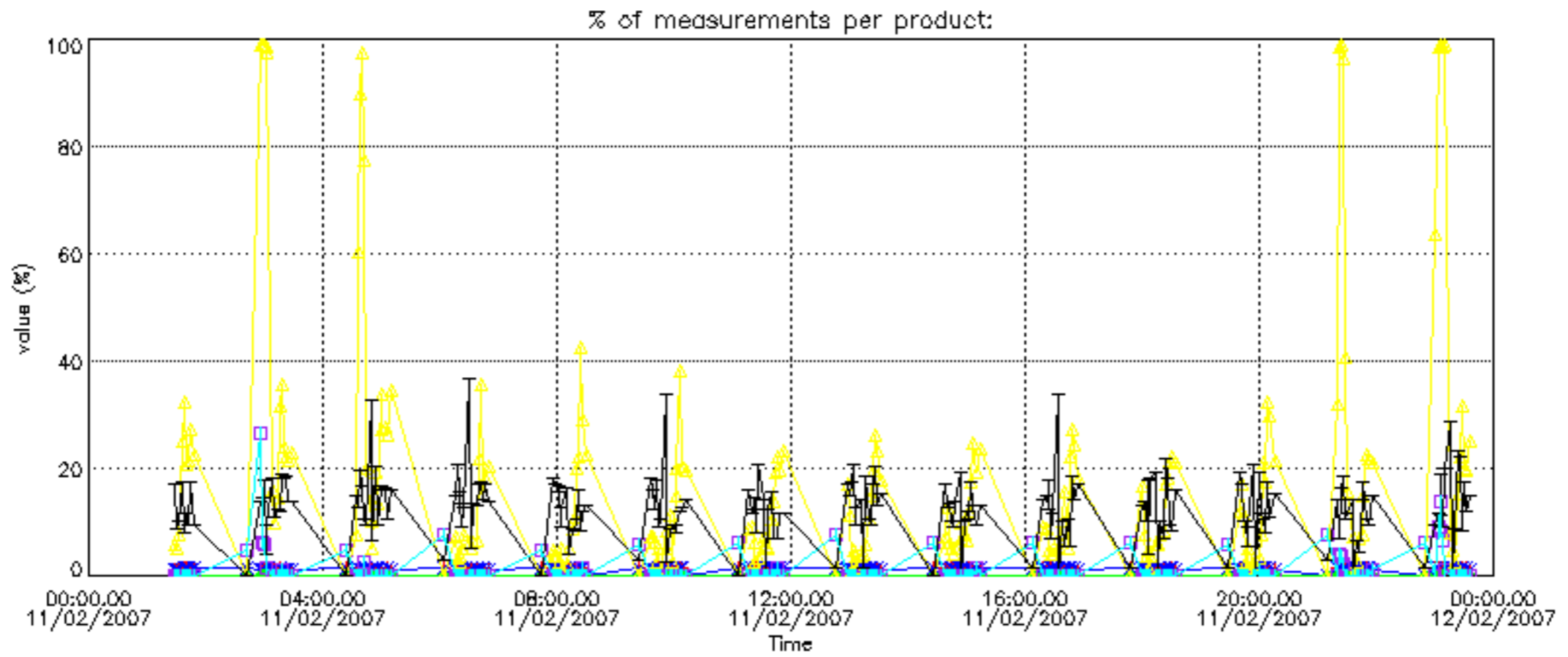


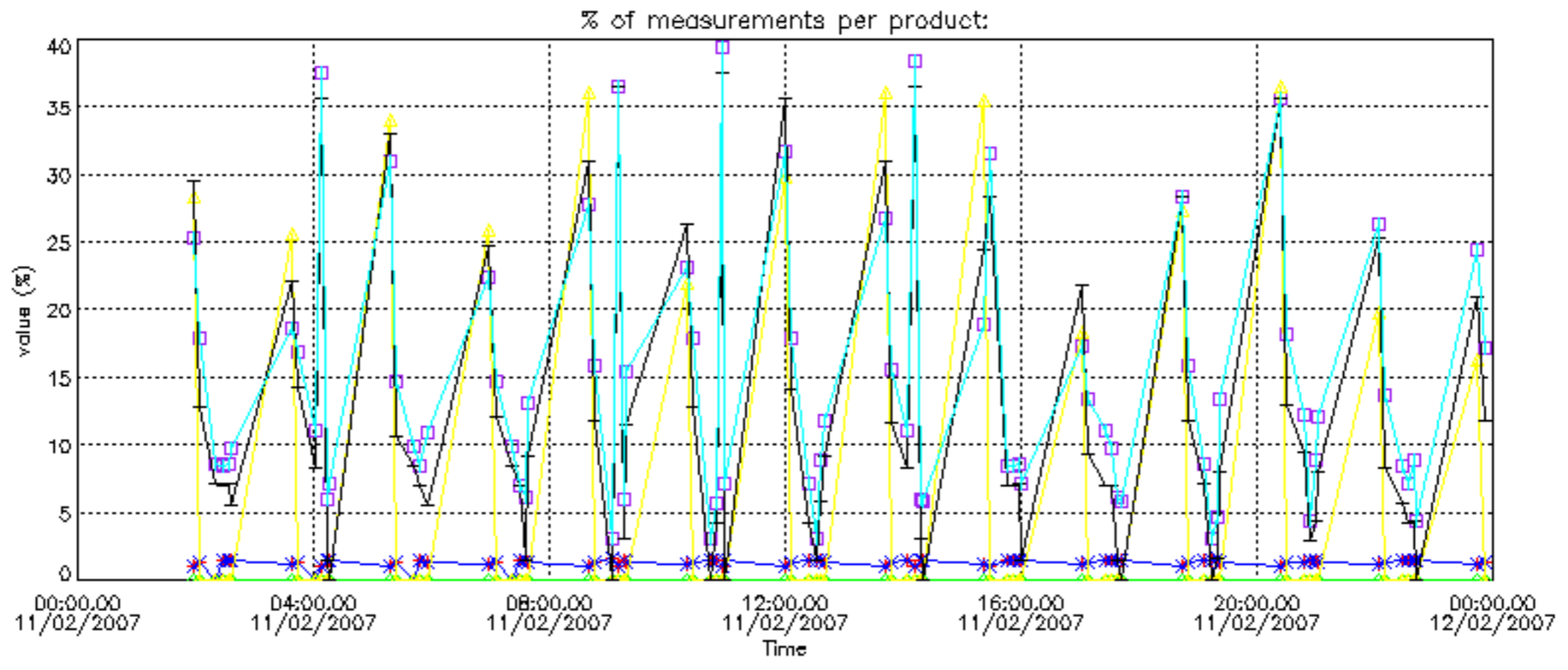
Percentage of flagged data per NO2 profile



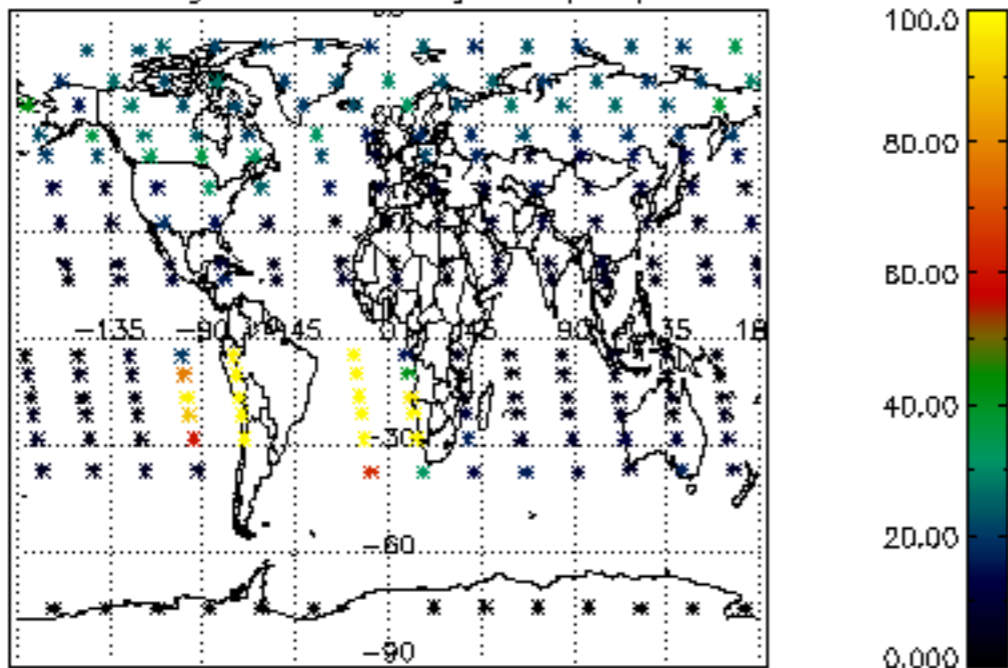
Percentage of flagged data per NO3 profile



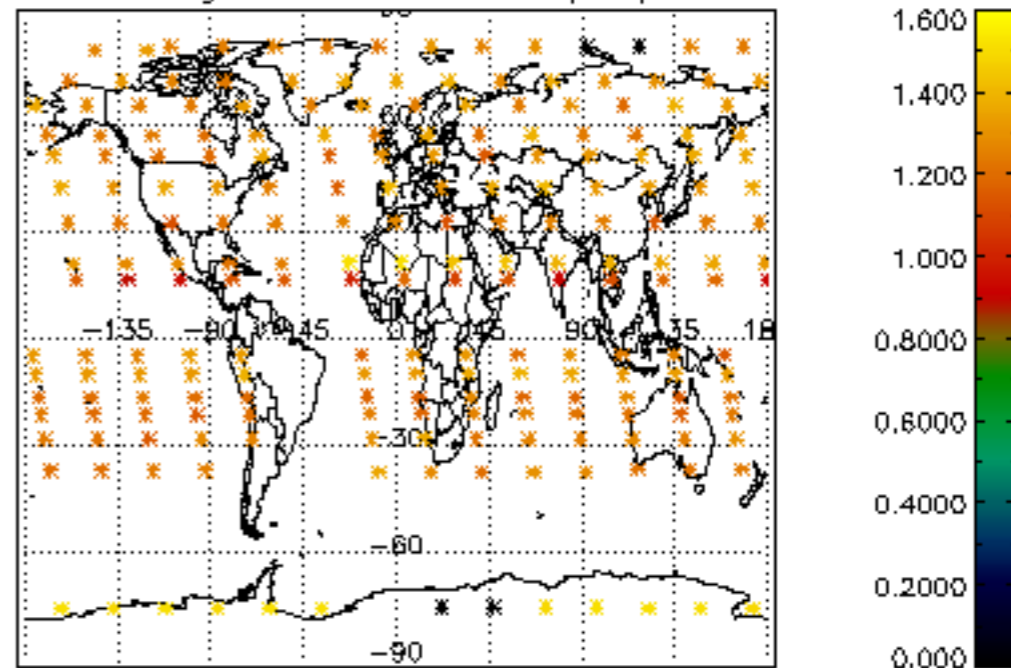




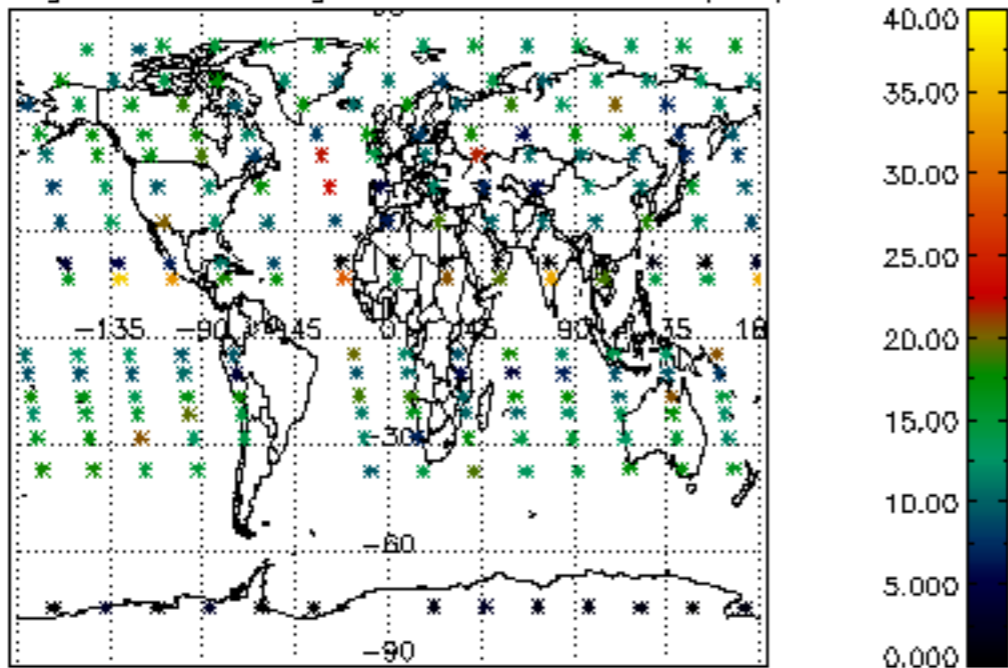
Percentage of cosmic ray hits per profile



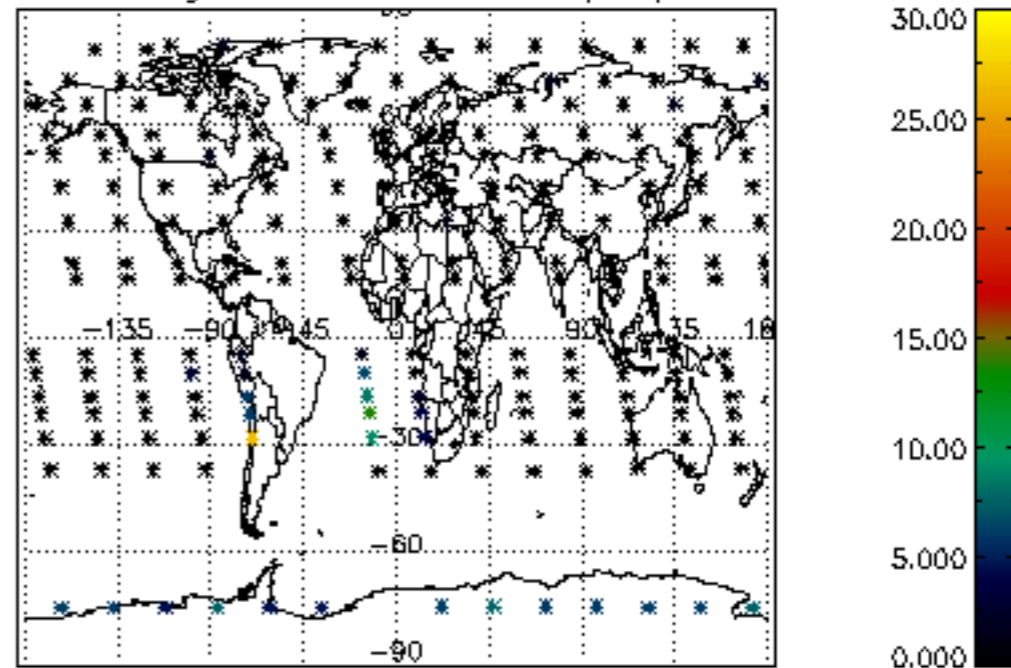
Percentage of datation errors per profile



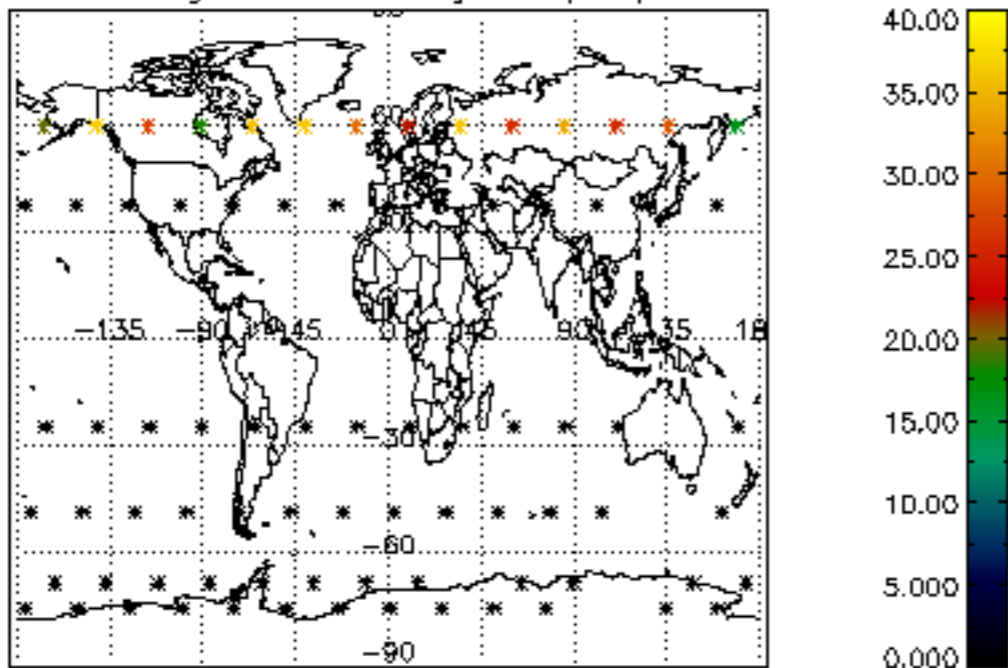
Percentage of star falling outside central band per profile



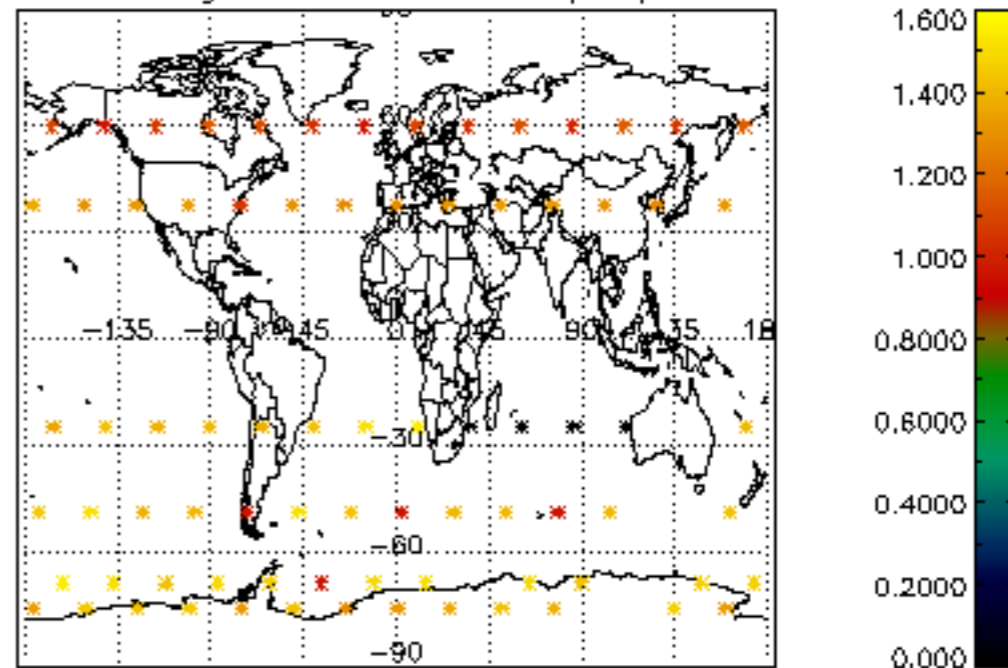
Percentage of saturation errors per profile



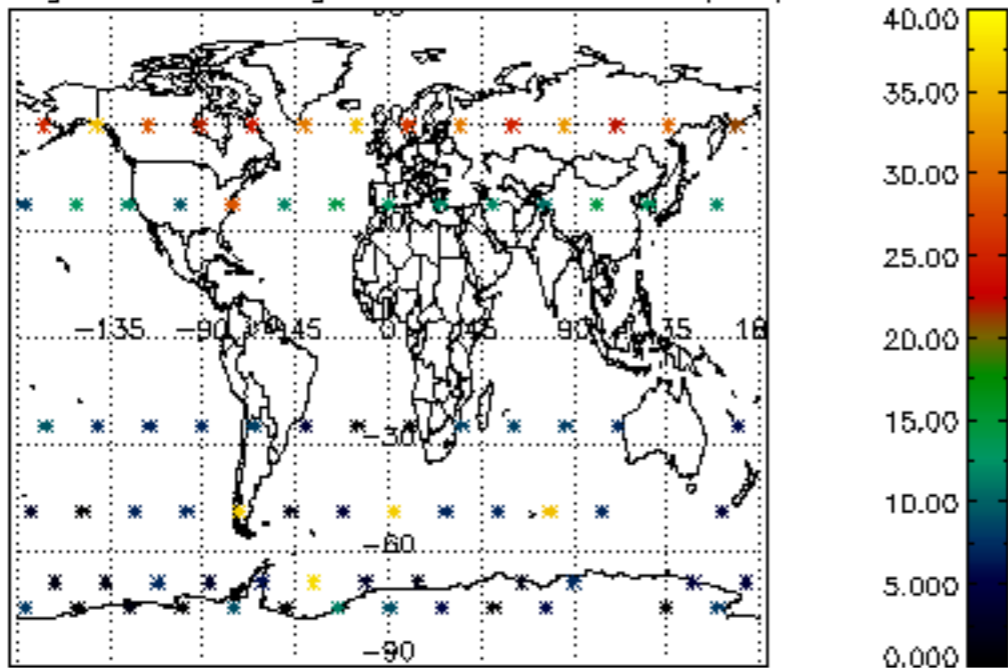
Percentage of cosmic ray hits per profile



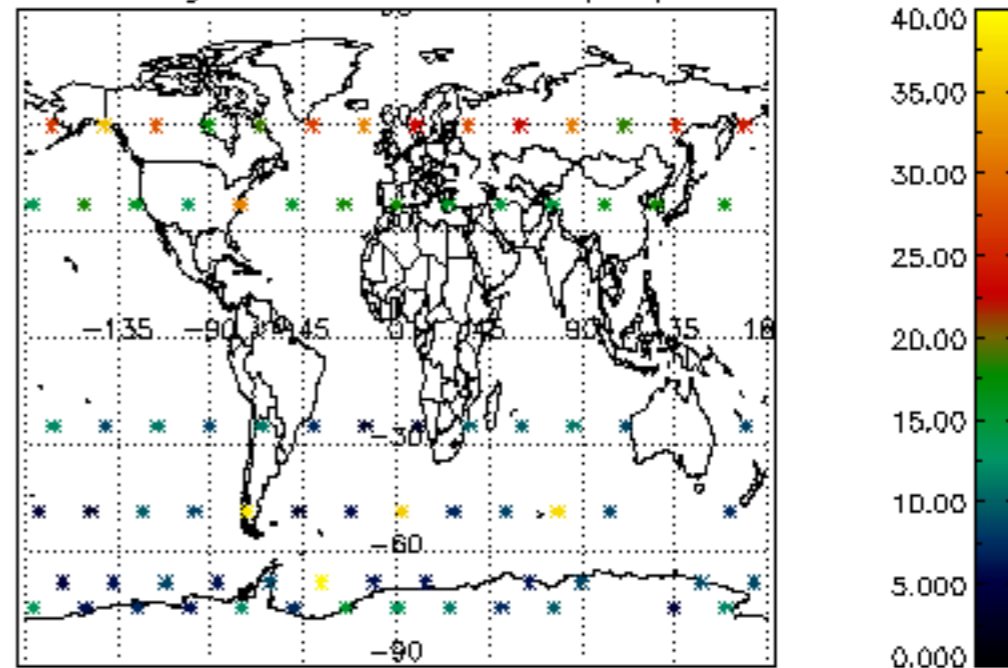
Percentage of datation errors per profile

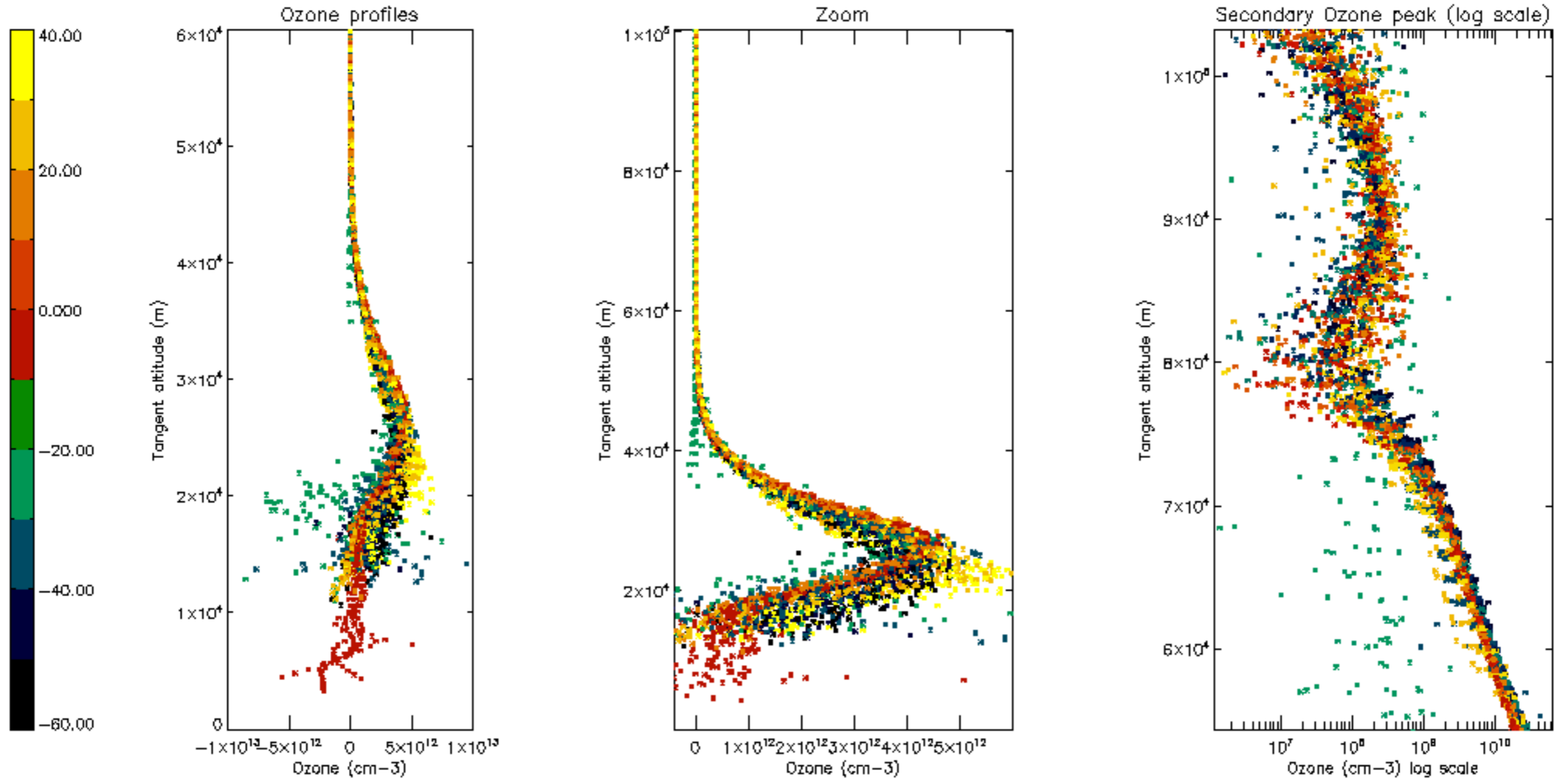


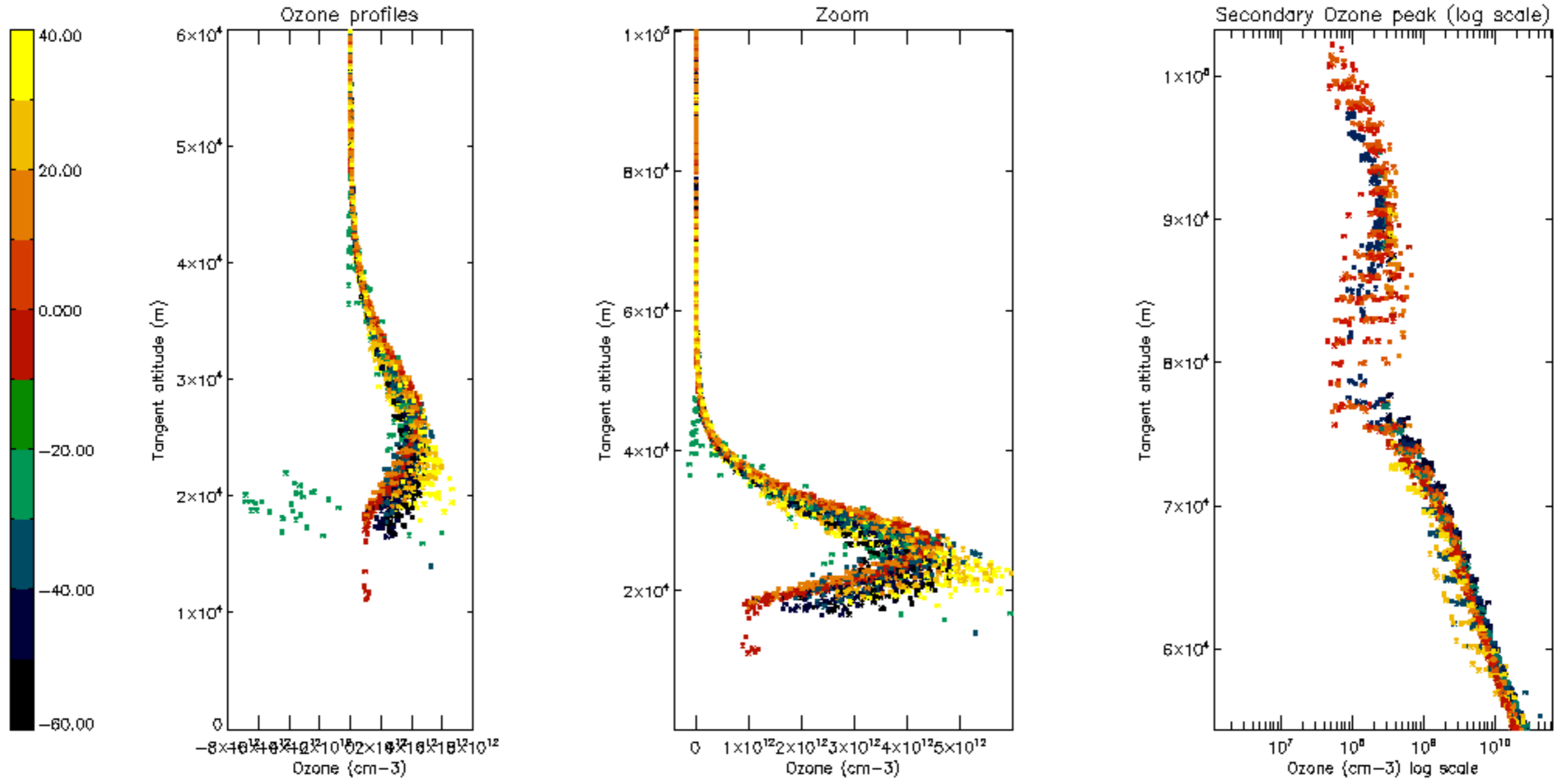
Percentage of star falling outside central band per profile

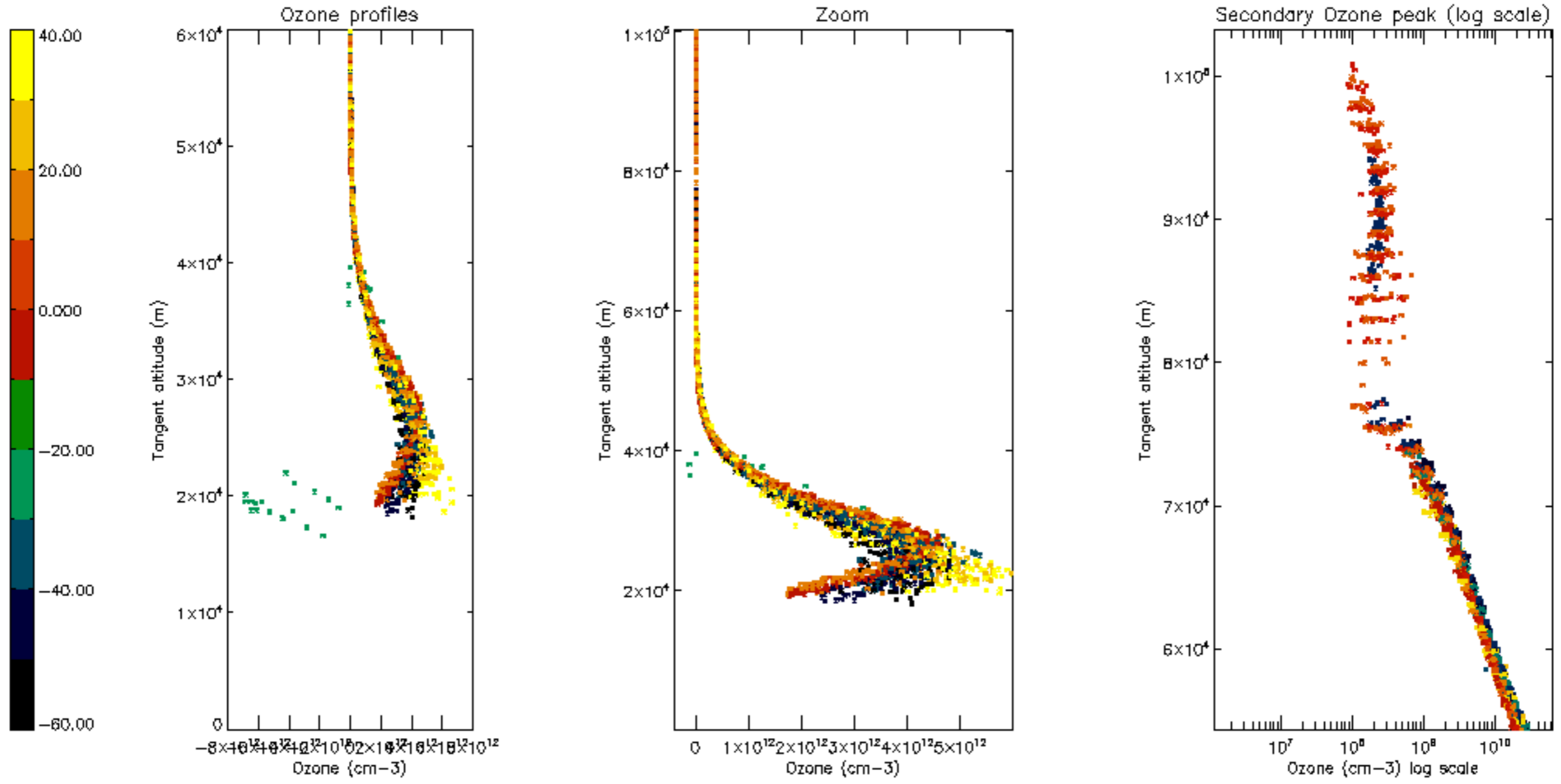


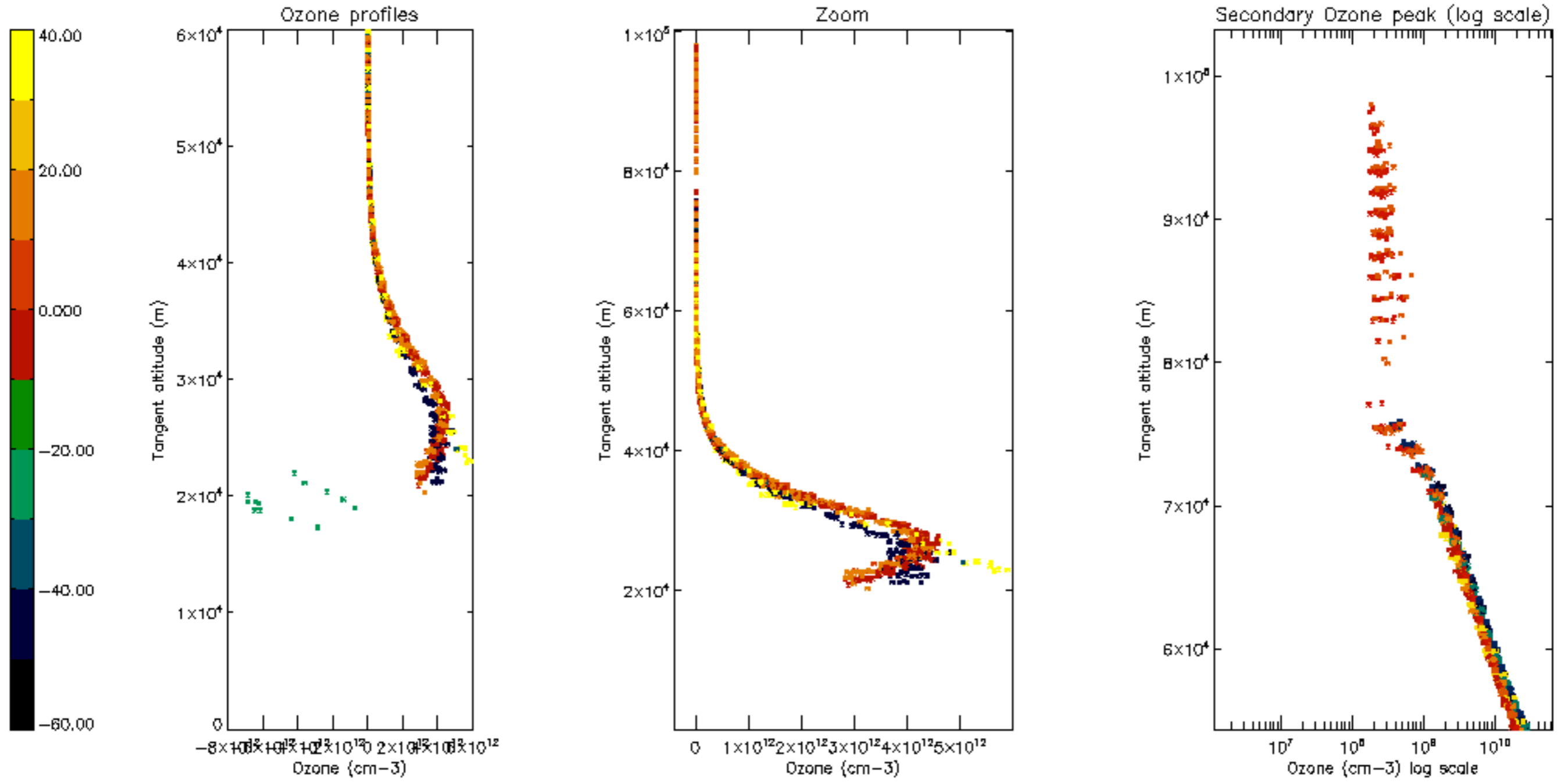
Percentage of saturation errors per profile

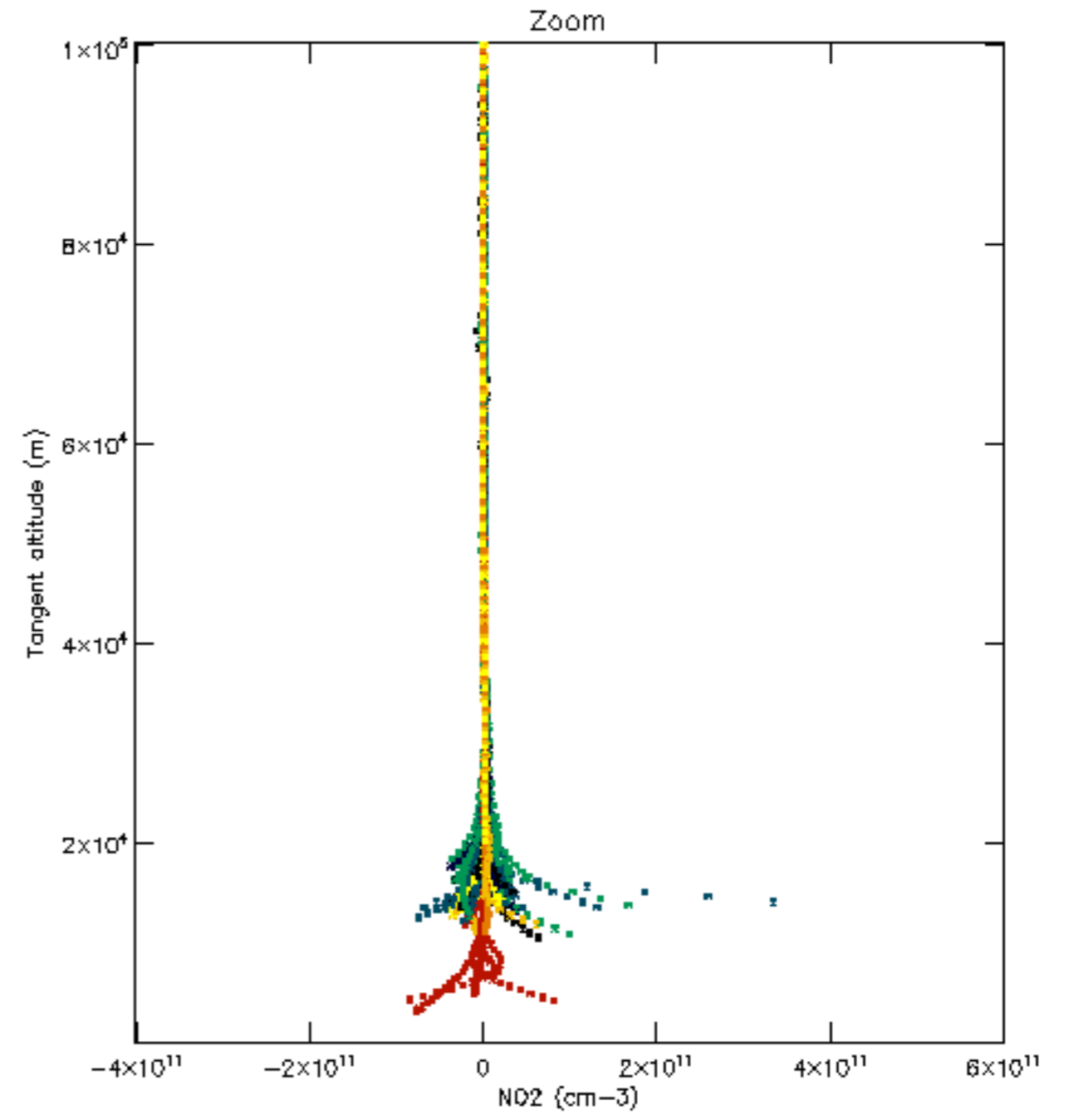
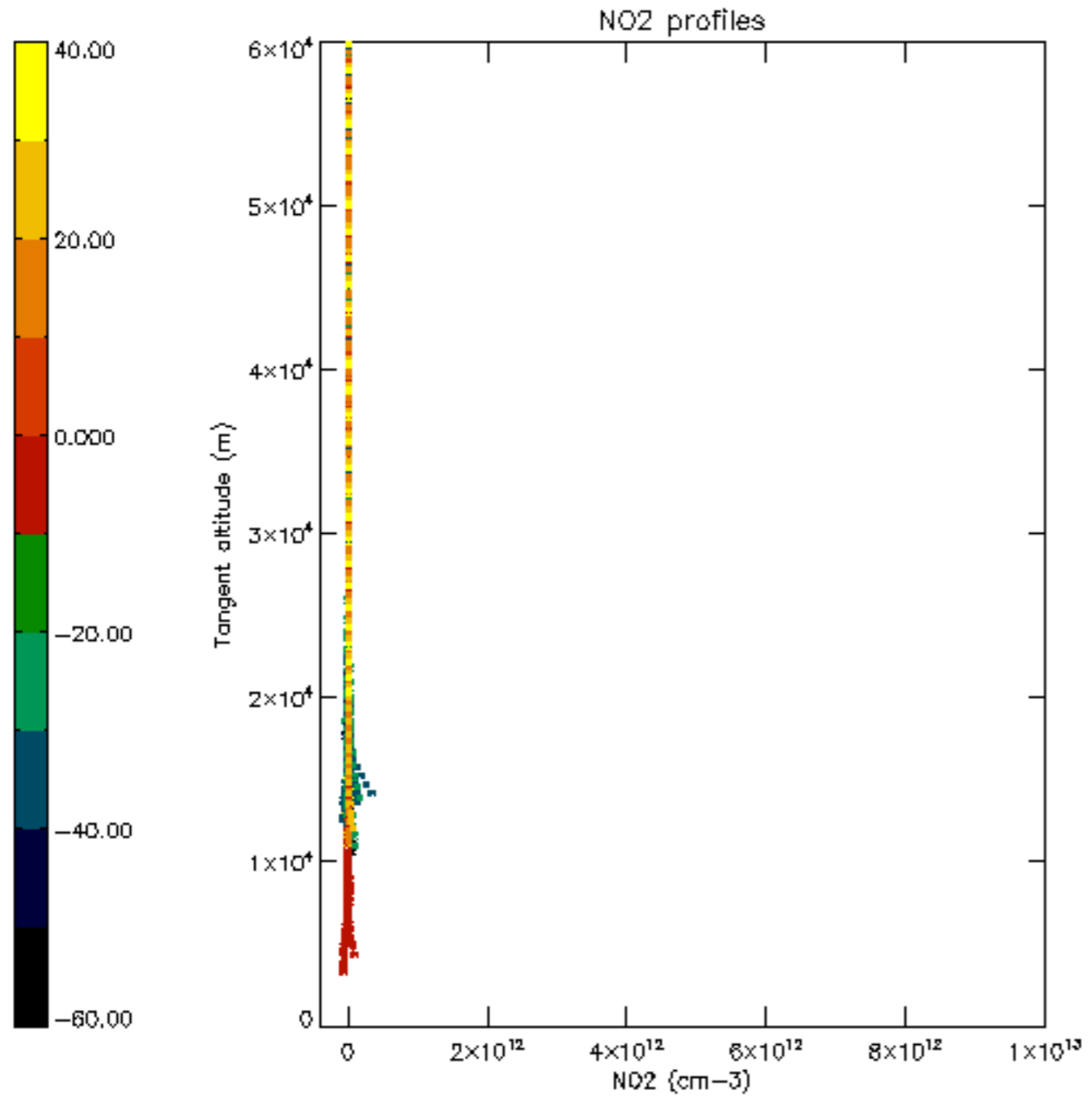


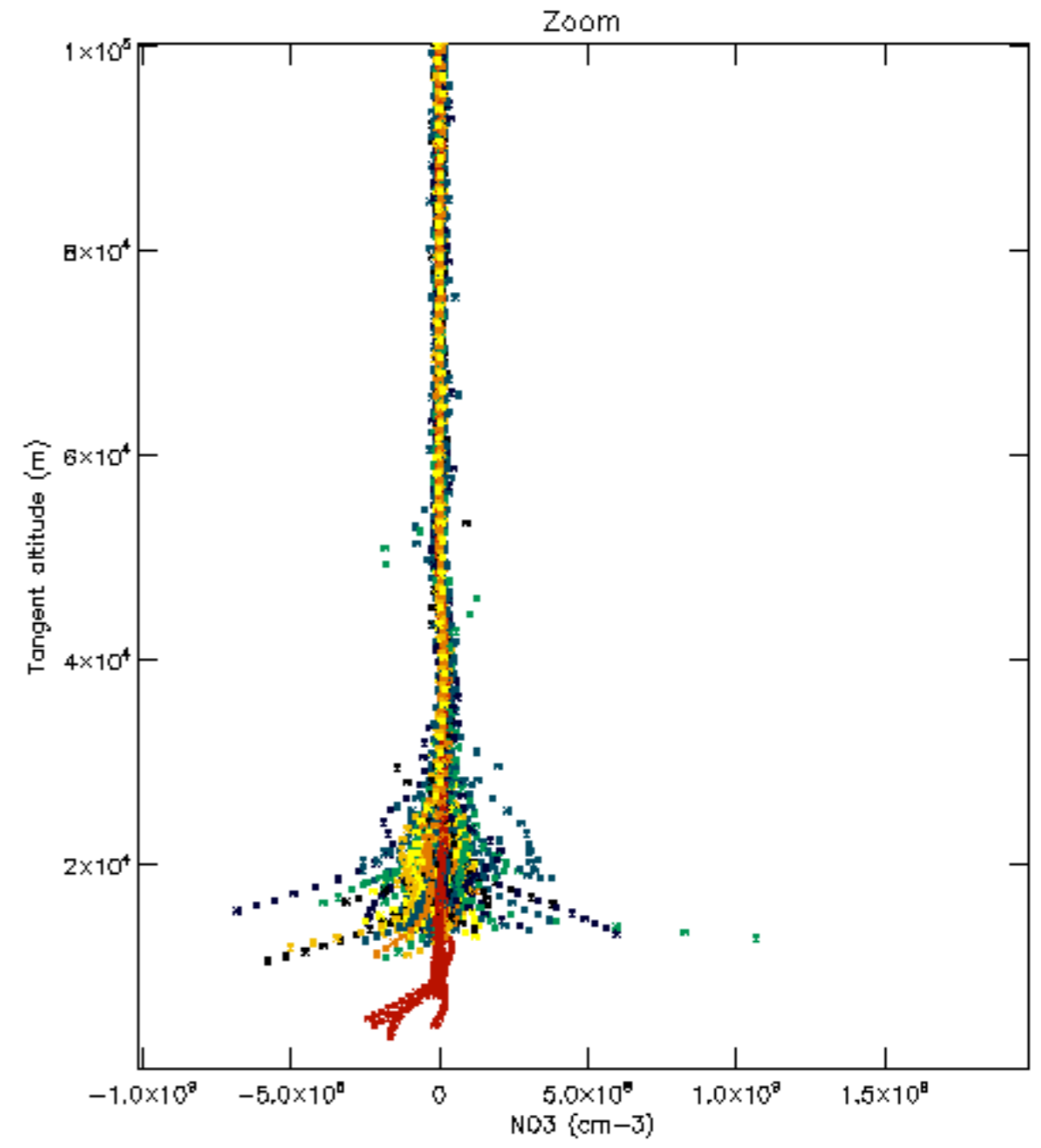
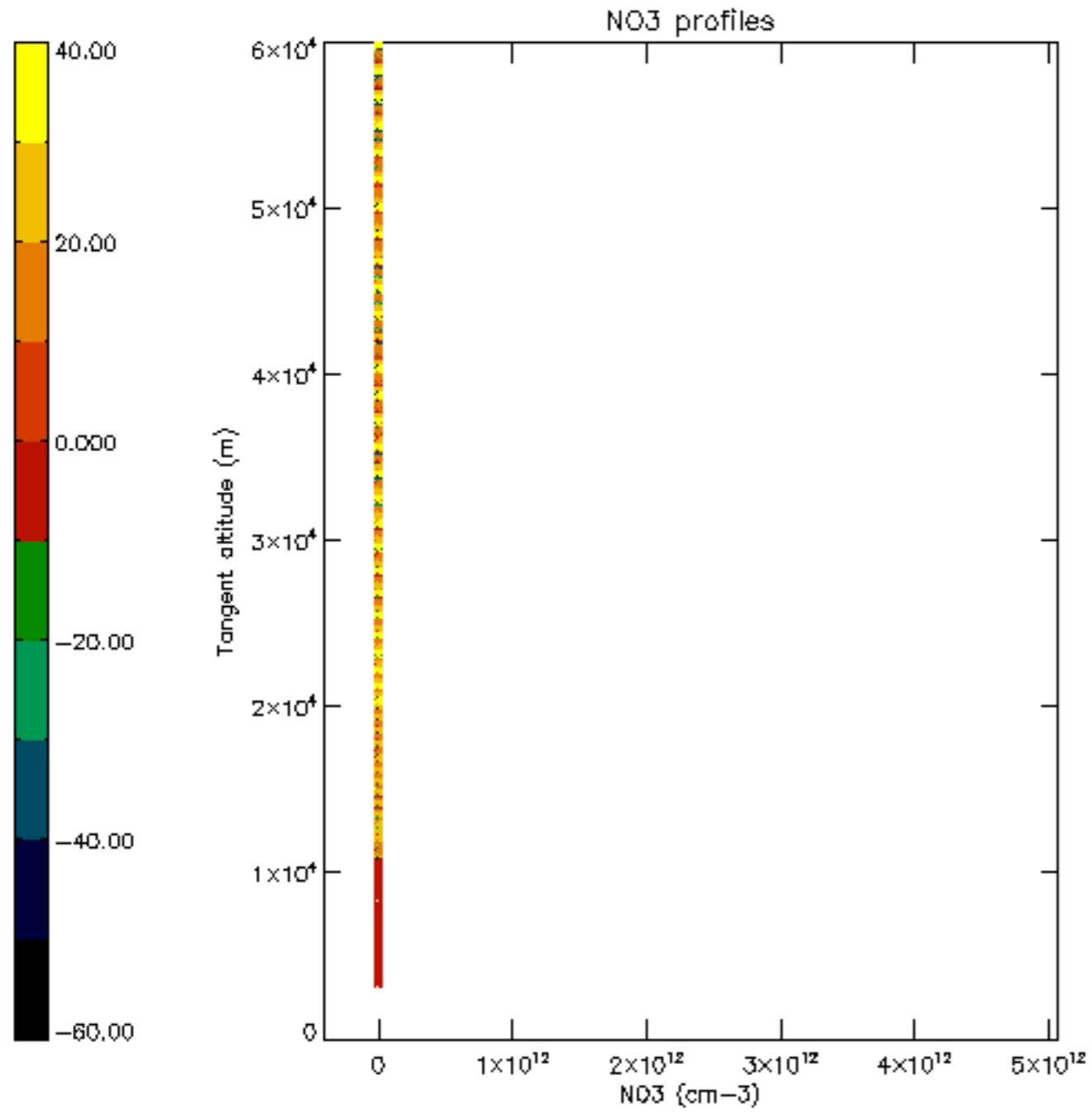


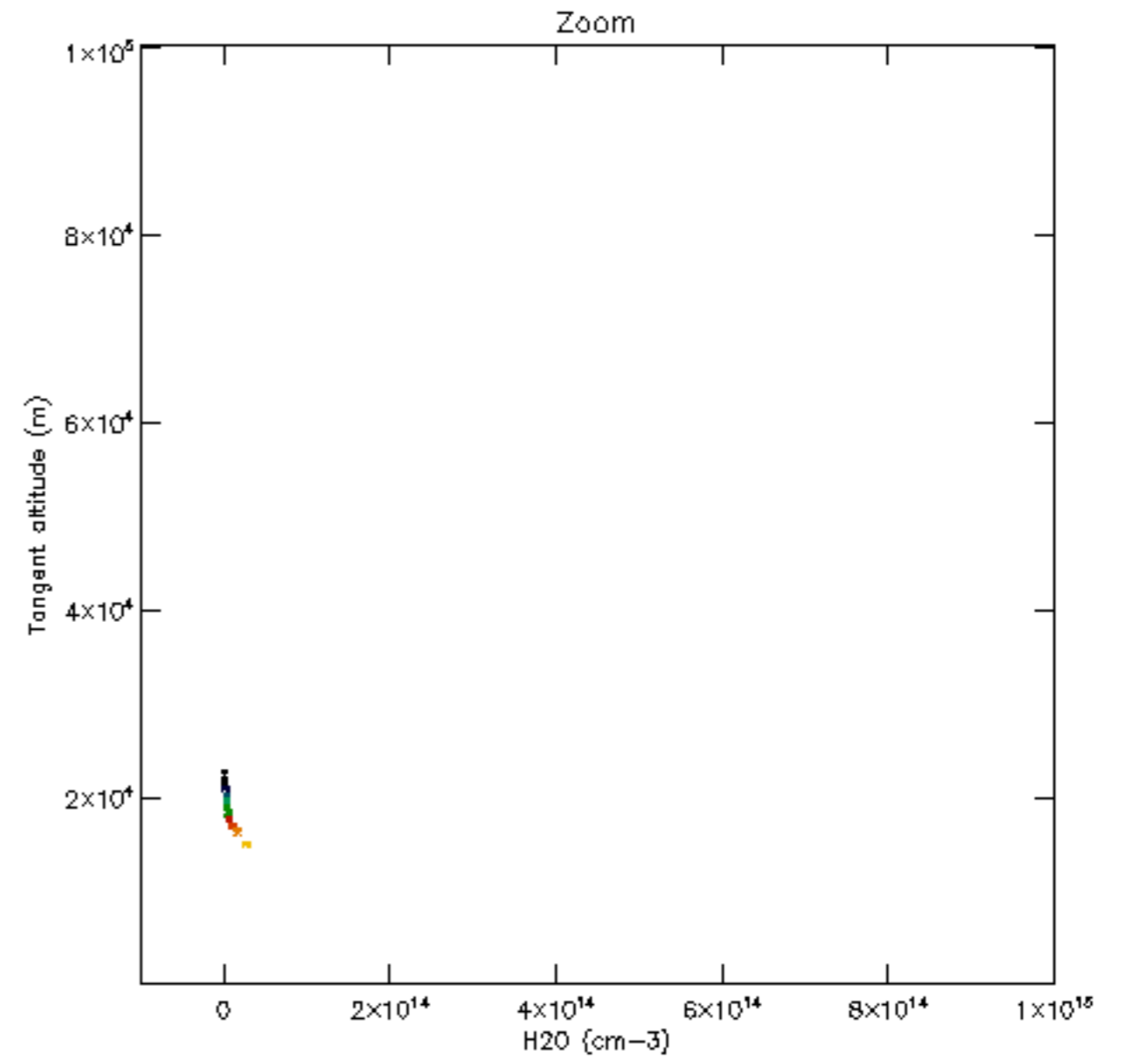
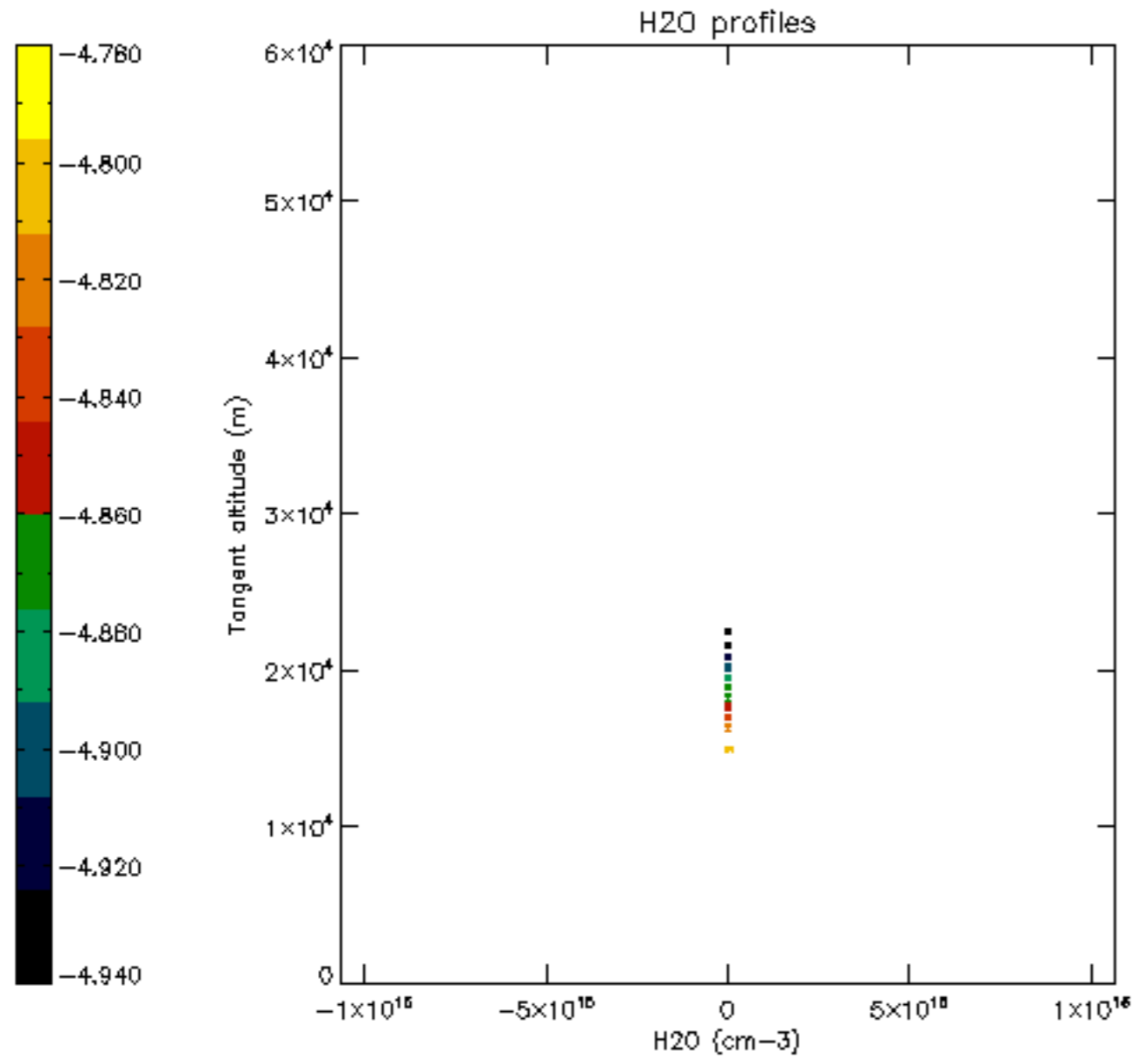


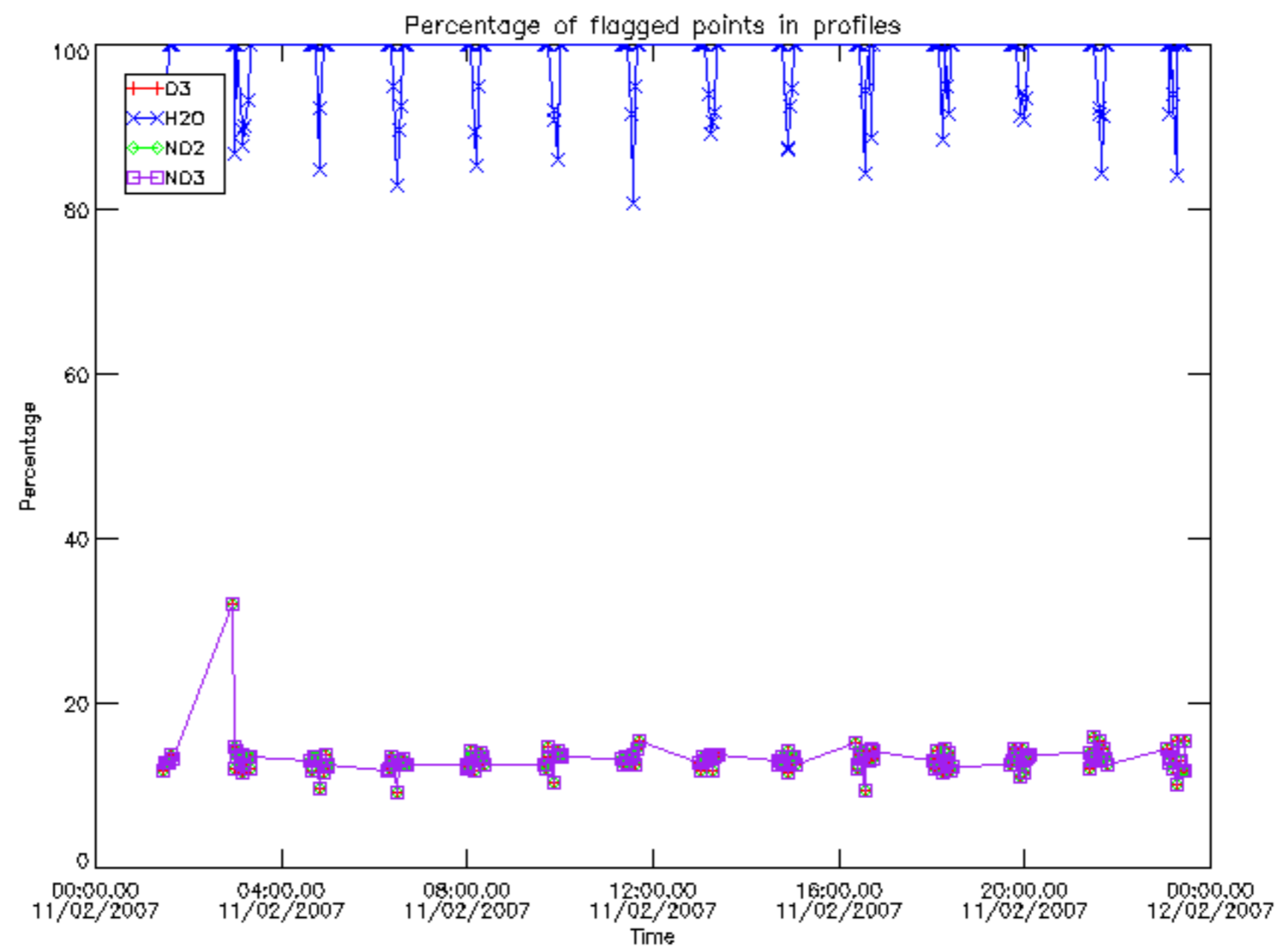




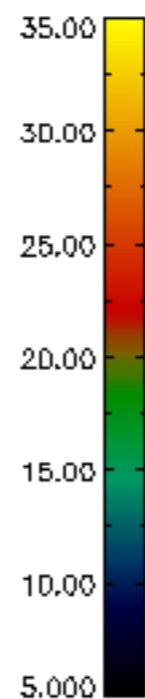
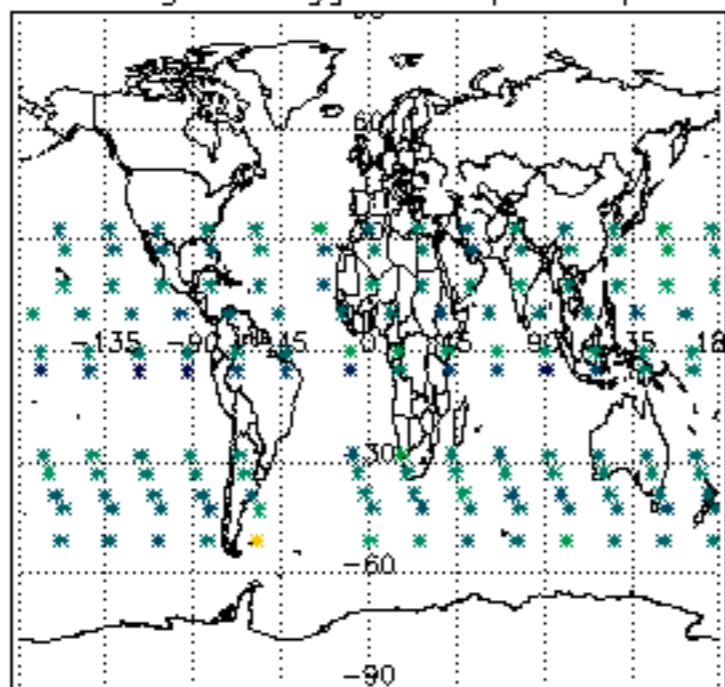




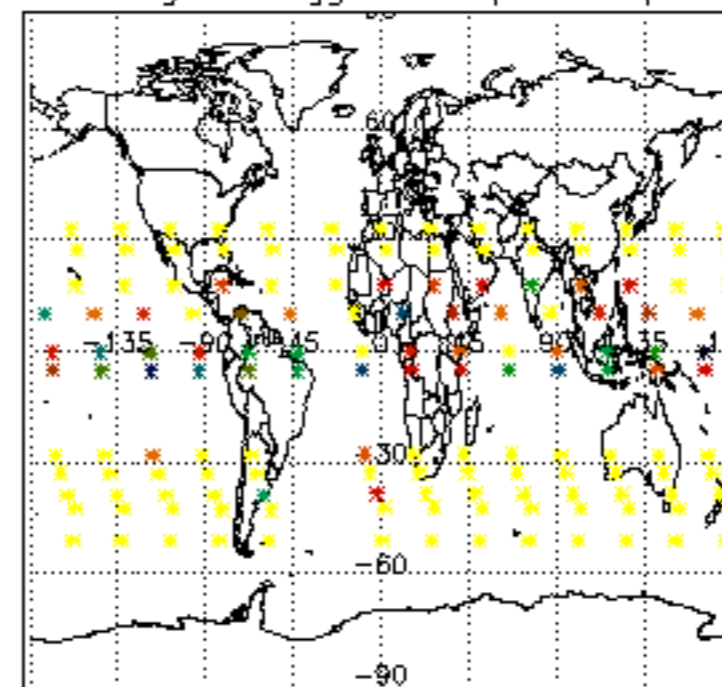




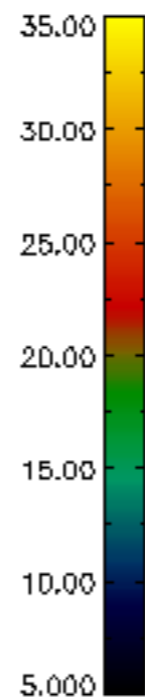
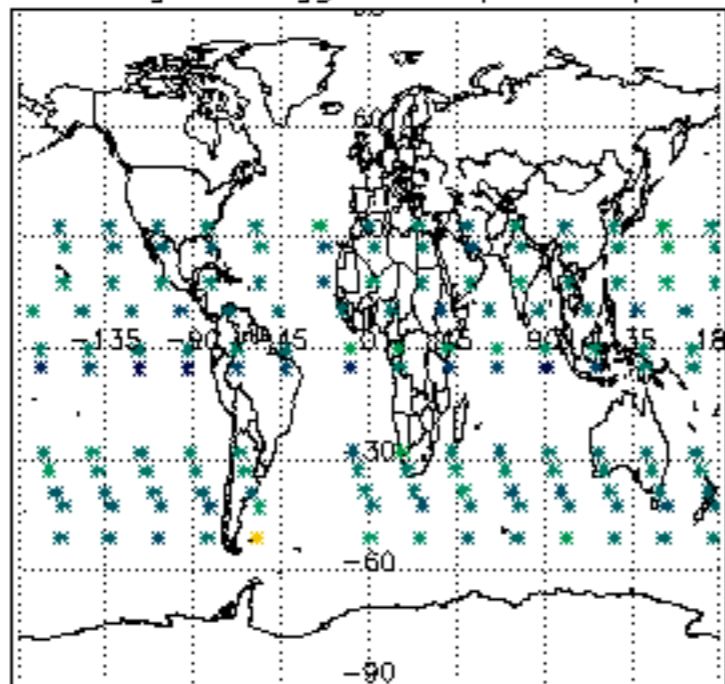
Percentage of flagged data per D3 profile



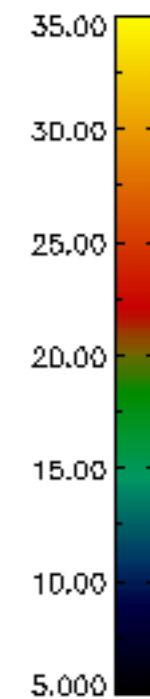
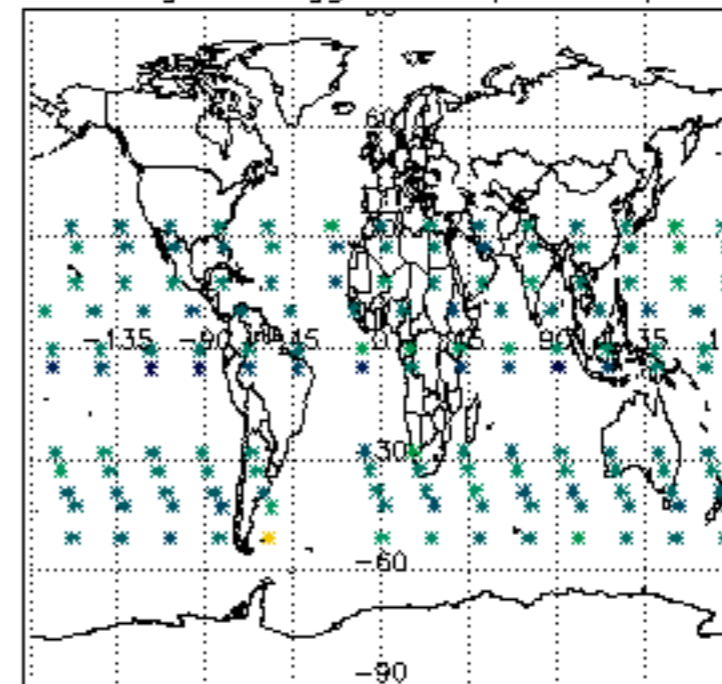
Percentage of flagged data per H2O profile

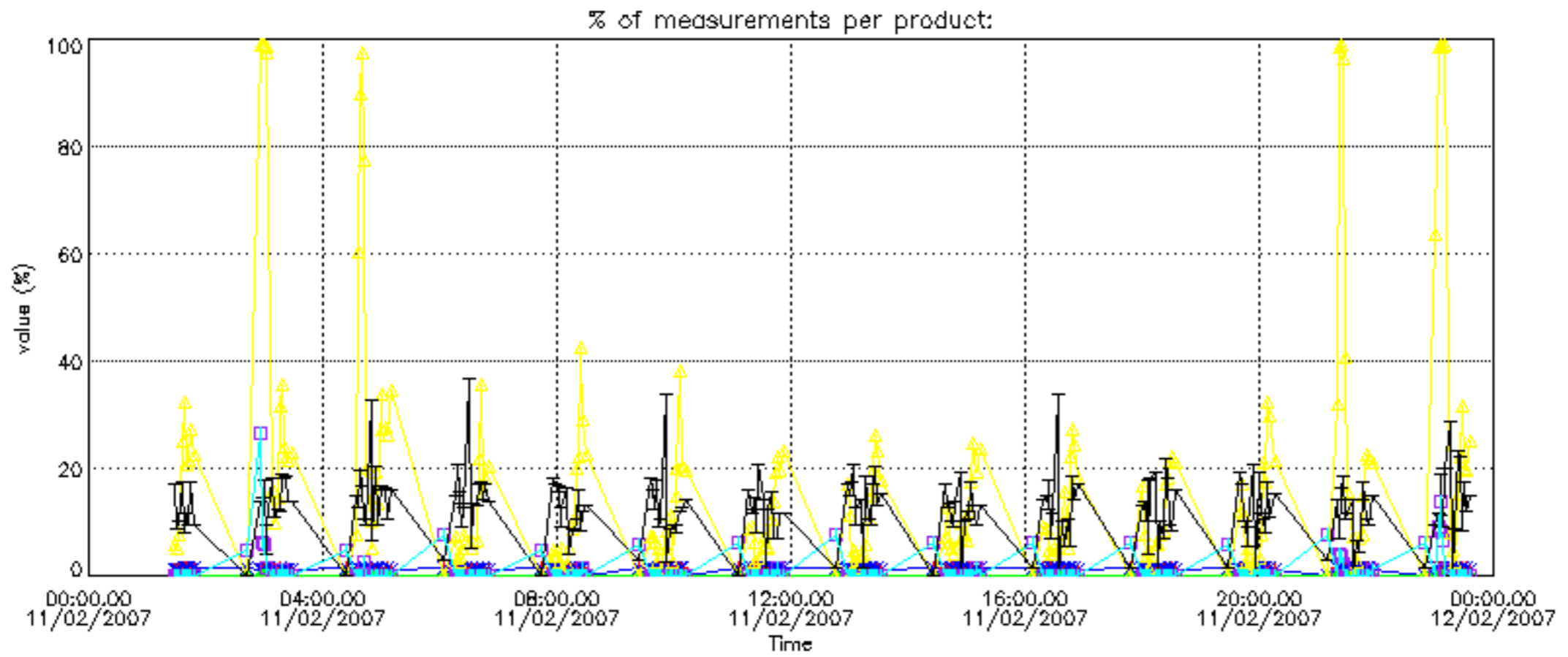


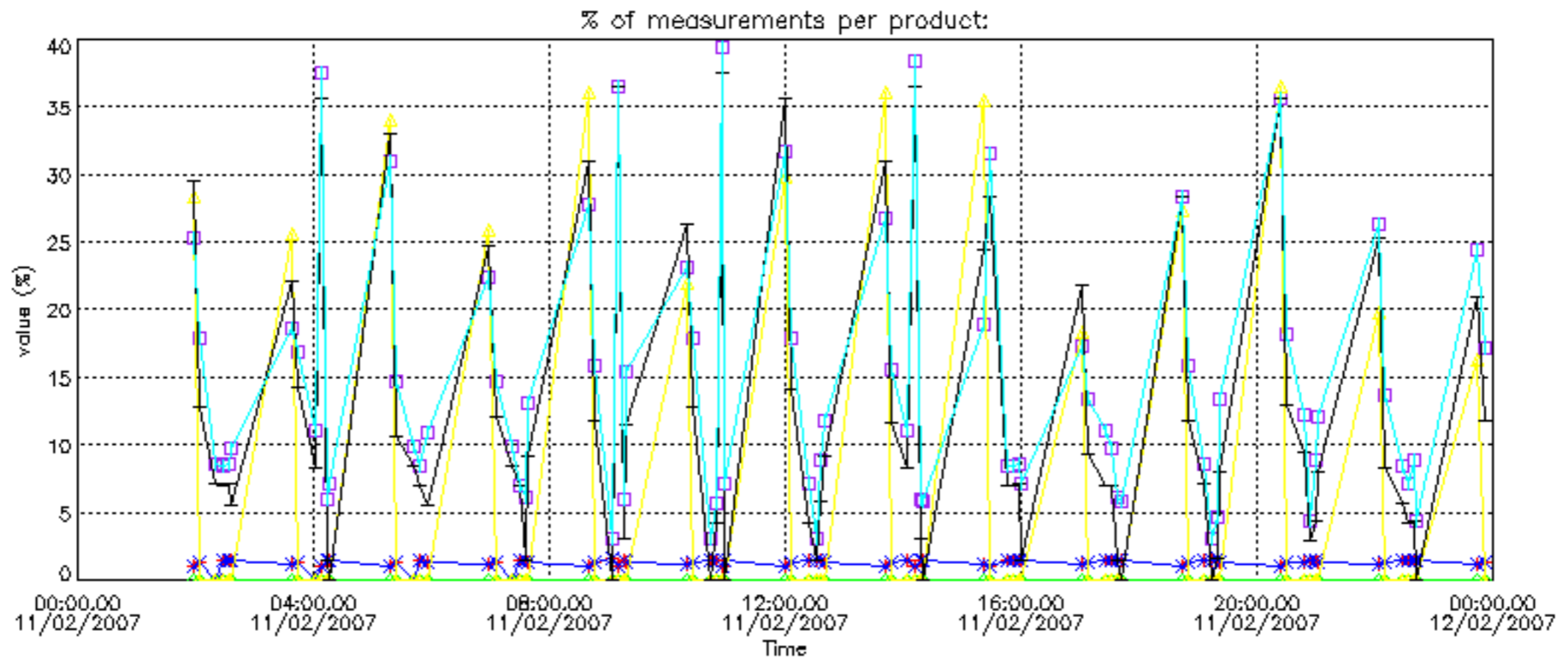
Percentage of flagged data per NO2 profile



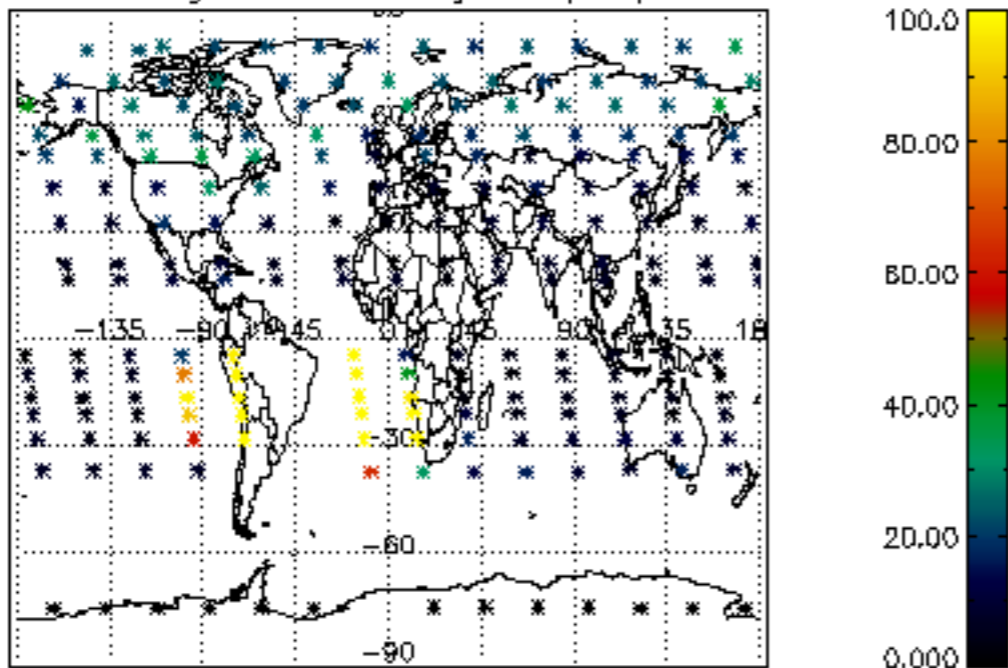
Percentage of flagged data per NO3 profile



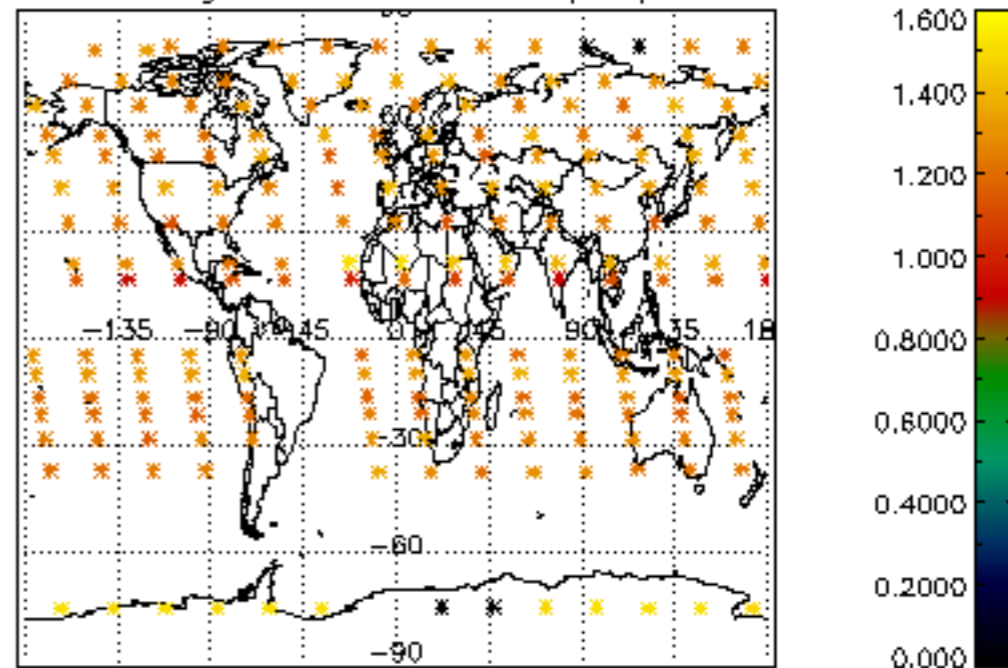




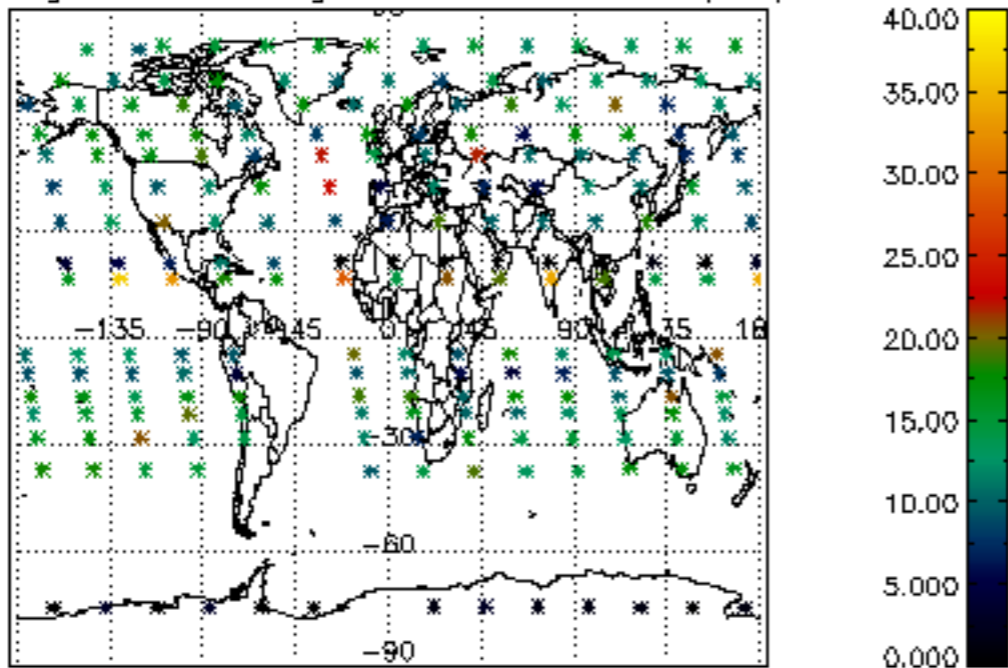
Percentage of cosmic ray hits per profile



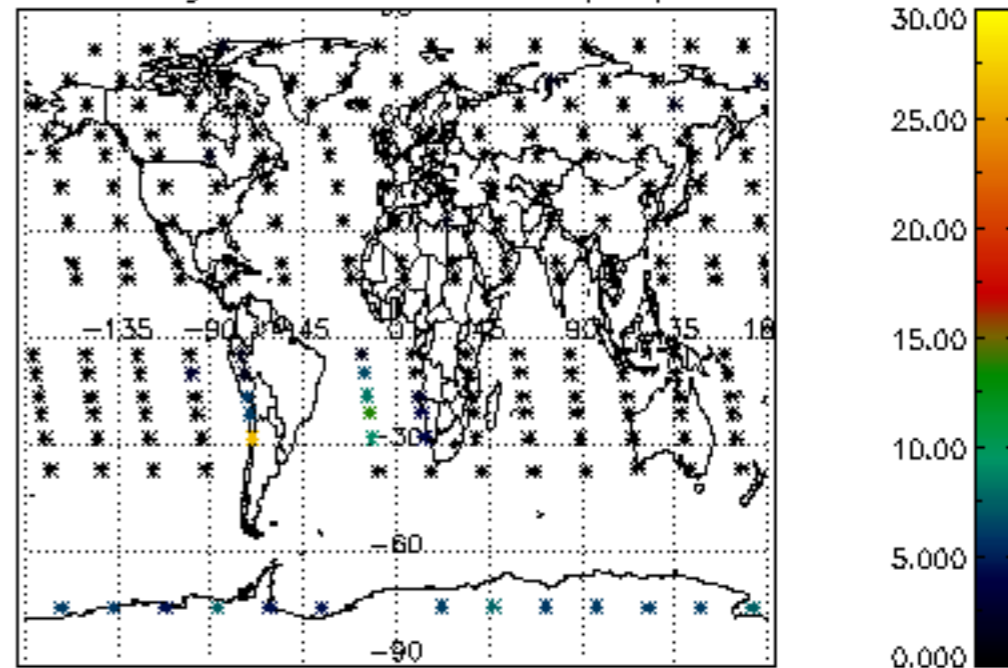
Percentage of datation errors per profile



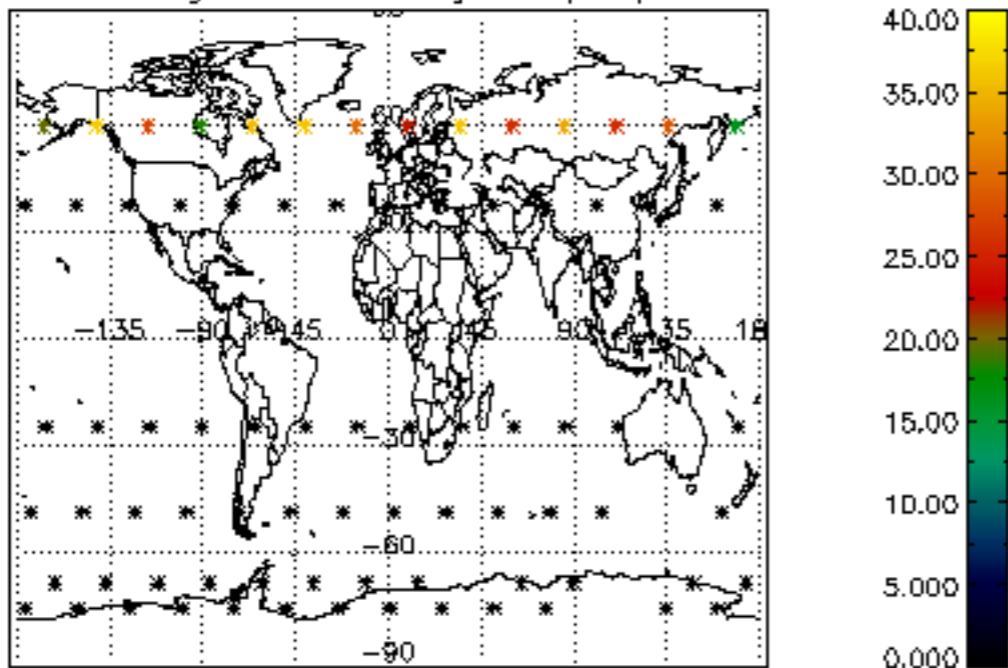
Percentage of star falling outside central band per profile



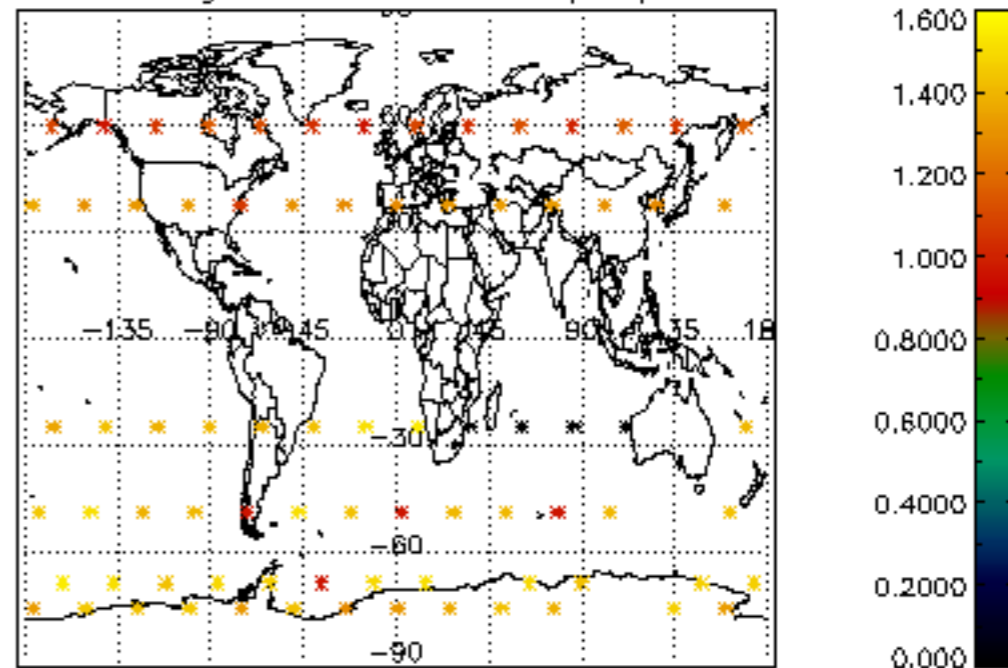
Percentage of saturation errors per profile



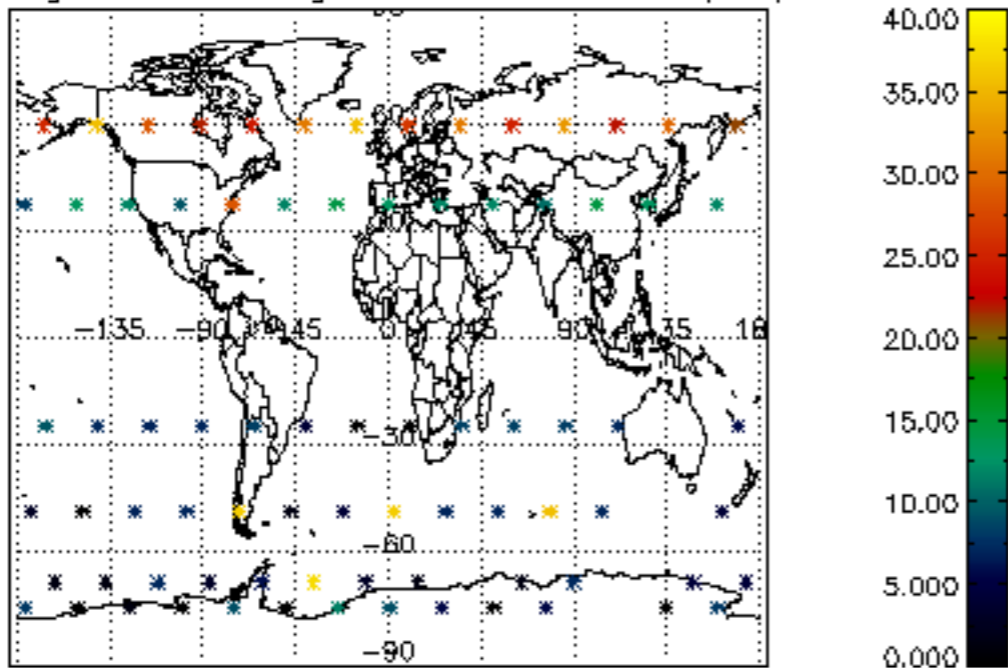
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

