

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	18APR2013 11:03:03
Data source version	GOMOS/6.01
Start time of products	19-09-2005 (19SEP2005 00:00:00)
Stop time of products	20-09-2005 (20SEP2005 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.

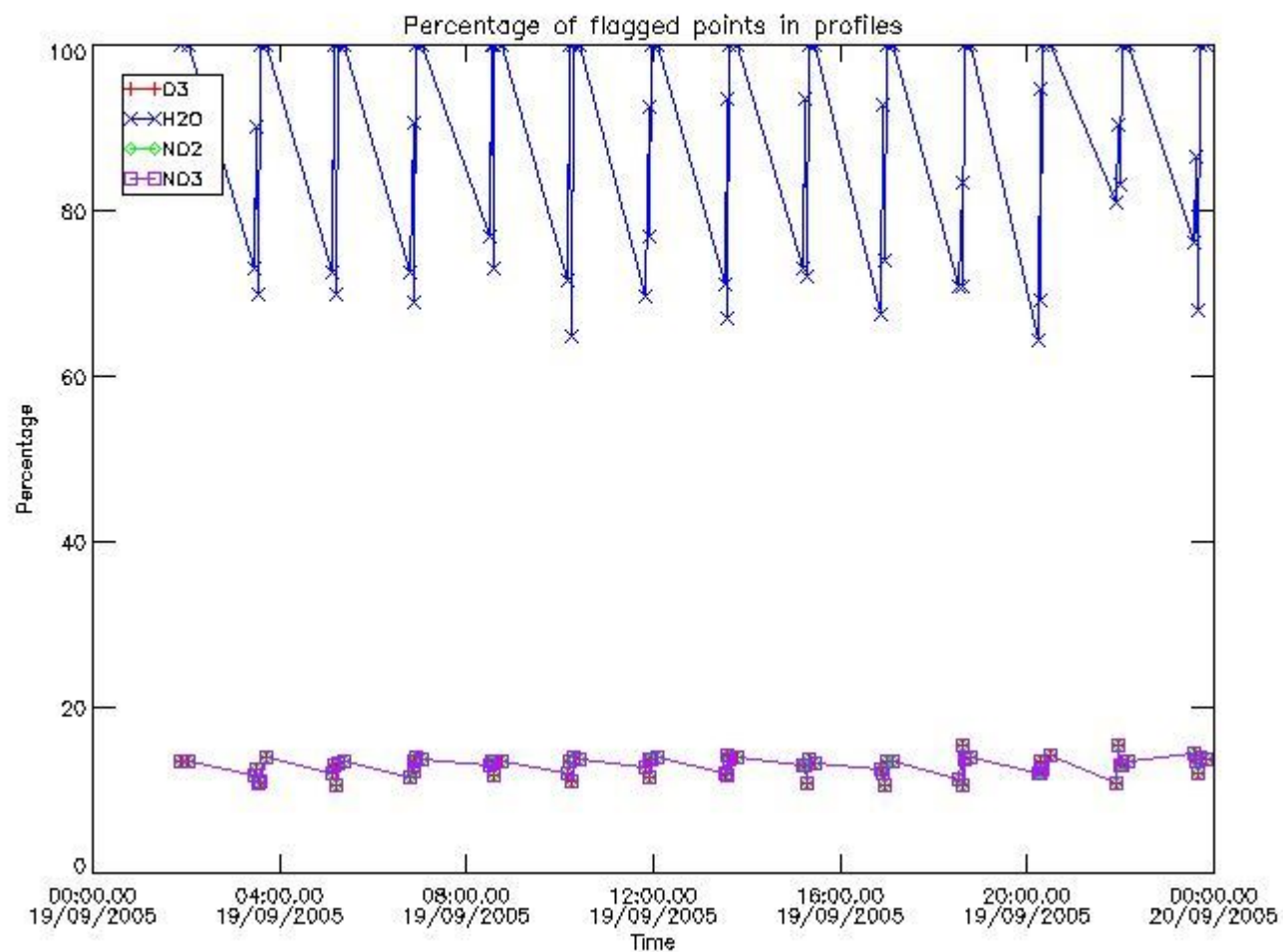
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20050919_015350_000000382040_00490_18580_6880.N1	19-SEP-2005 01:53:50	Dark	37.500	29	Bet Car	1.6720	10200.	75	18580	No
2	GOM_NL__2PRFIN20050919_020209_000000382040_00490_18580_6881.N1	19-SEP-2005 02:02:09	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18580	No
3	GOM_NL__2PRFIN20050919_020739_000000452040_00490_18580_6882.N1	19-SEP-2005 02:07:39	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	18580	No
4	GOM_NL__2PRFIN20050919_021124_000000432040_00490_18580_6883.N1	19-SEP-2005 02:11:24	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18580	No
5	GOM_NL__2PRFIN20050919_021412_000000372040_00490_18580_6884.N1	19-SEP-2005 02:14:12	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	18580	No
6	GOM_NL__2PRFIN20050919_022009_000000412040_00490_18580_6885.N1	19-SEP-2005 02:20:09	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	18580	No
7	GOM_NL__2PRFIN20050919_022421_000000372040_00490_18580_6886.N1	19-SEP-2005 02:24:21	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18580	No
8	GOM_NL__2PRFIN20050919_022722_000000522040_00490_18580_6887.N1	19-SEP-2005 02:27:22	Bright	52.000	61	8Eps Peg	2.1000	3900.0	104	18580	No
9	GOM_NL__2PRFIN20050919_023448_000000372040_00490_18580_6888.N1	19-SEP-2005 02:34:48	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	18580	No
10	GOM_NL__2PRFIN20050919_023658_000000352040_00490_18580_6889.N1	19-SEP-2005 02:36:58	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18580	No
11	GOM_NL__2PRFIN20050919_024205_000000362040_00490_18580_6890.N1	19-SEP-2005 02:42:05	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18580	No
12	GOM_NL__2PRFIN20050919_025052_000000362040_00490_18580_6891.N1	19-SEP-2005 02:50:52	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18580	No
13	GOM_NL__2PRFIN20050919_025710_000000362040_00490_18580_6892.N1	19-SEP-2005 02:57:10	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18580	No
14	GOM_NL__2PRFIN20050919_025837_000000432040_00490_18580_6893.N1	19-SEP-2005 02:58:37	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	18580	No
15	GOM_NL__2PRFIN20050919_030144_000000412040_00490_18580_6894.N1	19-SEP-2005 03:01:44	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	18580	No
16	GOM_NL__2PRFIN20050919_032721_000000432040_00490_18580_6895.N1	19-SEP-2005 03:27:21	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	18580	No
17	GOM_NL__2PRFIN20050919_033039_000000412040_00490_18580_6896.N1	19-SEP-2005 03:30:39	Dark	40.500	46	Del Vel	1.9540	10600.	81	18580	No
18	GOM_NL__2PRFIN20050919_033212_000000472040_00490_18580_6897.N1	19-SEP-2005 03:32:12	Dark	47.000	41	Eps Car	1.8600	4100.0	94	18580	No
19	GOM_NL__2PRFIN20050919_033426_000000462040_00491_18581_6880.N1	19-SEP-2005 03:34:26	Dark	46.000	29	Bet Car	1.6720	10200.	92	18581	No
20	GOM_NL__2PRFIN20050919_034245_000000372040_00491_18581_6881.N1	19-SEP-2005 03:42:45	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18581	No
21	GOM_NL__2PRFIN20050919_034816_000000372040_00491_18581_6882.N1	19-SEP-2005 03:48:16	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18581	No
22	GOM_NL__2PRFIN20050919_035200_000000372040_00491_18581_6883.N1	19-SEP-2005 03:52:00	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	18581	No
23	GOM_NL__2PRFIN20050919_035448_000000382040_00491_18581_6884.N1	19-SEP-2005 03:54:48	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18581	No
24	GOM_NL__2PRFIN20050919_040046_000000392040_00491_18581_6885.N1	19-SEP-2005 04:00:46	Tw_i_and_stray	38.500	142	49Del Cap	2.8500	8900.0	77	18581	No
25	GOM_NL__2PRFIN20050919_040457_000000372040_00491_18581_6886.N1	19-SEP-2005 04:04:57	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18581	No
26	GOM_NL__2PRFIN20050919_040758_000000382040_00491_18581_6887.N1	19-SEP-2005 04:07:58	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	18581	No
27	GOM_NL__2PRFIN20050919_041524_000000382040_00491_18581_6888.N1	19-SEP-2005 04:15:24	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	18581	No
28	GOM_NL__2PRFIN20050919_041734_000000362040_00491_18581_6889.N1	19-SEP-2005 04:17:34	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18581	No
29	GOM_NL__2PRFIN20050919_042241_000000362040_00491_18581_6890.N1	19-SEP-2005 04:22:41	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18581	No
30	GOM_NL__2PRFIN20050919_043128_000000362040_00491_18581_6891.N1	19-SEP-2005 04:31:28	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18581	No
31	GOM_NL__2PRFIN20050919_043746_000000352040_00491_18581_6892.N1	19-SEP-2005 04:37:46	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18581	No
32	GOM_NL__2PRFIN20050919_043913_000000482040_00491_18581_6893.N1	19-SEP-2005 04:39:13	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	18581	No
33	GOM_NL__2PRFIN20050919_044220_000000332040_00491_18581_6894.N1	19-SEP-2005 04:42:20	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18581	No
34	GOM_NL__2PRFIN20050919_050758_000000432040_00491_18581_6895.N1	19-SEP-2005 05:07:58	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	18581	No
35	GOM_NL__2PRFIN20050919_051116_000000392040_00491_18581_6896.N1	19-SEP-2005 05:11:16	Dark	39.000	46	Del Vel	1.9540	10600.	78	18581	No
36	GOM_NL__2PRFIN20050919_051249_000000492040_00491_18581_6897.N1	19-SEP-2005 05:12:49	Dark	48.500	41	Eps Car	1.8600	4100.0	97	18581	No
37	GOM_NL__2PRFIN20050919_051502_000000392040_00492_18582_6900.N1	19-SEP-2005 05:15:02	Dark	38.500	29	Bet Car	1.6720	10200.	77	18582	No
38	GOM_NL__2PRFIN20050919_052321_000000382040_00492_18582_6901.N1	19-SEP-2005 05:23:21	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18582	No
39	GOM_NL__2PRFIN20050919_052852_000000382040_00492_18582_6902.N1	19-SEP-2005 05:28:52	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18582	No
40	GOM_NL__2PRFIN20050919_053237_000000402040_00492_18582_6903.N1	19-SEP-2005 05:32:37	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18582	No
41	GOM_NL__2PRFIN20050919_053524_000000392040_00492_18582_6904.N1	19-SEP-2005 05:35:24	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	18582	No
42	GOM_NL__2PRFIN20050919_054122_000000412040_00492_18582_6905.N1	19-SEP-2005 05:41:22	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	18582	No

220	GOM_NL__2PRFIN20050919_222253_00000022041_00001_18592_6920.N1	19-SEP-2005 22:22:53	Straylight	2.0000	18	24Alp PsA	1.1660	9700.0	4	18592	No
221	GOM_NL__2PRFIN20050919_222723_000000412041_00001_18592_6921.N1	19-SEP-2005 22:27:23	Twl_and_stray	41.000	142	49Del Cap	2.8500	8900.0	82	18592	No
222	GOM_NL__2PRFIN20050919_223134_000000352041_00001_18592_6922.N1	19-SEP-2005 22:31:34	Bright	35.000	162	34Alp Aqr	2.9440	5350.0	70	18592	No
223	GOM_NL__2PRFIN20050919_223436_000000372041_00001_18592_6923.N1	19-SEP-2005 22:34:36	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	18592	No
224	GOM_NL__2PRFIN20050919_224203_000000372041_00001_18592_6924.N1	19-SEP-2005 22:42:03	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	18592	No
225	GOM_NL__2PRFIN20050919_224414_000000382041_00001_18592_6925.N1	19-SEP-2005 22:44:14	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18592	No
226	GOM_NL__2PRFIN20050919_224917_000000362041_00001_18592_6926.N1	19-SEP-2005 22:49:17	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18592	No
227	GOM_NL__2PRFIN20050919_225807_000000332041_00001_18592_6927.N1	19-SEP-2005 22:58:07	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18592	No
228	GOM_NL__2PRFIN20050919_230423_000000352041_00001_18592_6928.N1	19-SEP-2005 23:04:23	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18592	No
229	GOM_NL__2PRFIN20050919_230551_000000342041_00001_18592_6929.N1	19-SEP-2005 23:05:51	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	18592	No
230	GOM_NL__2PRFIN20050919_230858_000000332041_00001_18592_6930.N1	19-SEP-2005 23:08:58	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18592	No
231	GOM_NL__2PRFIN20050919_233435_000000432041_00001_18592_6931.N1	19-SEP-2005 23:34:35	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	18592	No
232	GOM_NL__2PRFIN20050919_233753_000000382041_00001_18592_6932.N1	19-SEP-2005 23:37:53	Dark	37.500	46	Del Vel	1.9540	10600.	75	18592	No
233	GOM_NL__2PRFIN20050919_233927_000000432041_00001_18592_6933.N1	19-SEP-2005 23:39:27	Dark	42.500	41	Eps Car	1.8600	4100.0	85	18592	No
234	GOM_NL__2PRFIN20050919_234138_000000372041_00002_18593_6917.N1	19-SEP-2005 23:41:38	Dark	36.500	29	Bet Car	1.6720	10200.	73	18593	No
235	GOM_NL__2PRFIN20050919_234958_000000372041_00002_18593_6918.N1	19-SEP-2005 23:49:58	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18593	No
236	GOM_NL__2PRFIN20050919_235528_000000402041_00002_18593_6919.N1	19-SEP-2005 23:55:28	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18593	No
237	GOM_NL__2PRFIN20050919_235913_000000422041_00002_18593_6920.N1	19-SEP-2005 23:59:13	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	18593	No

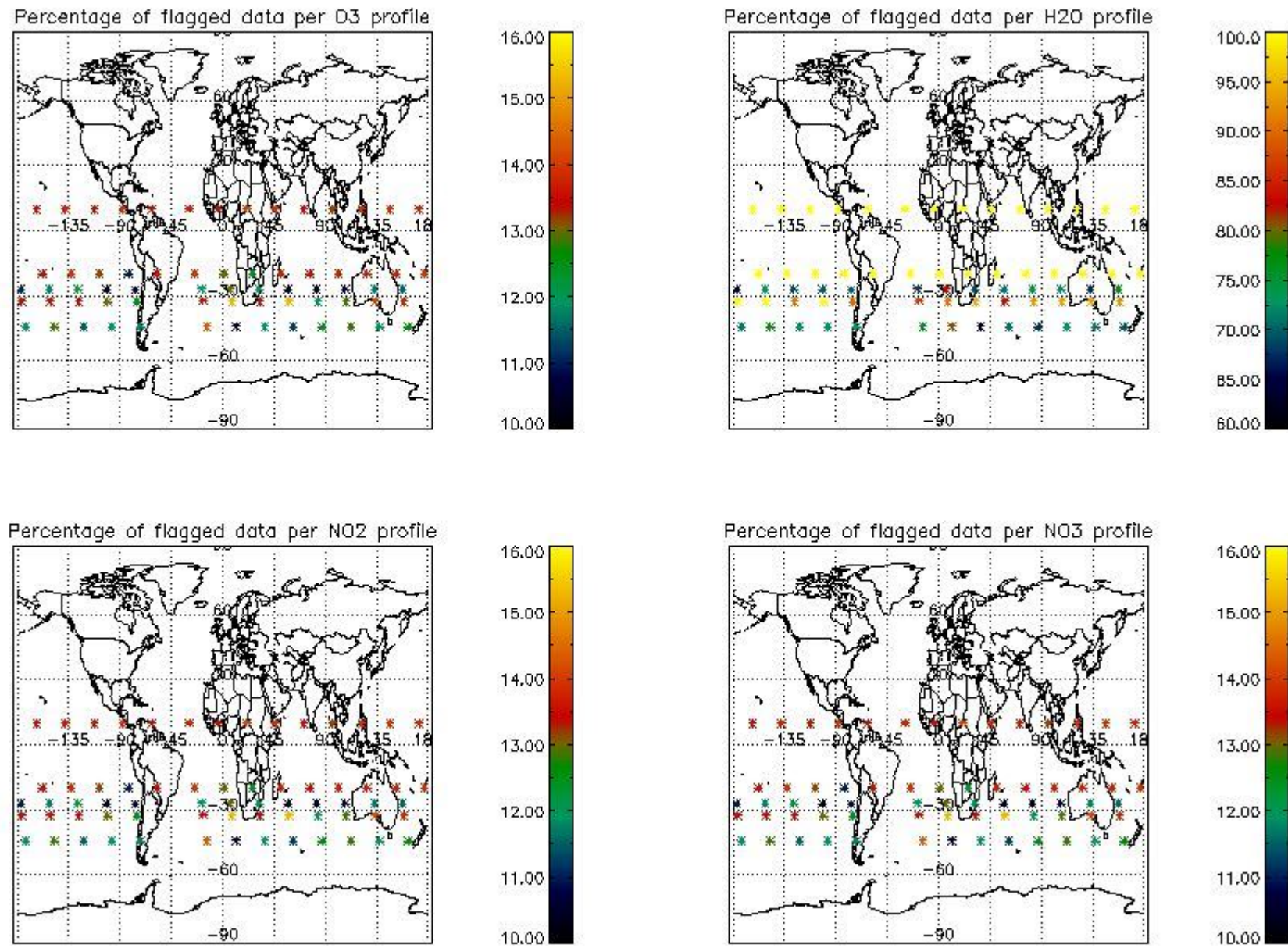
3. Quality information per product

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)

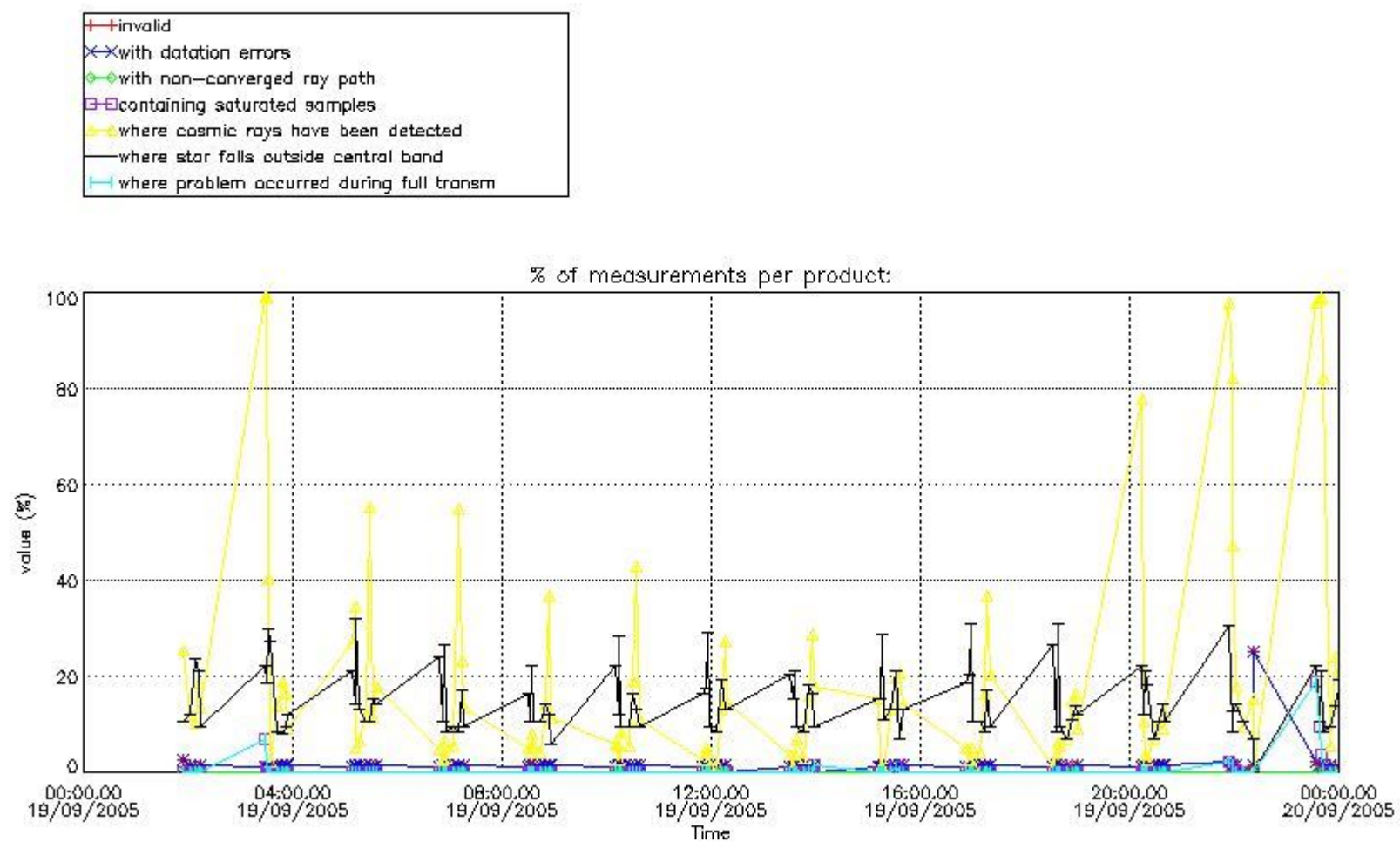


4. Level 1 quality information per product

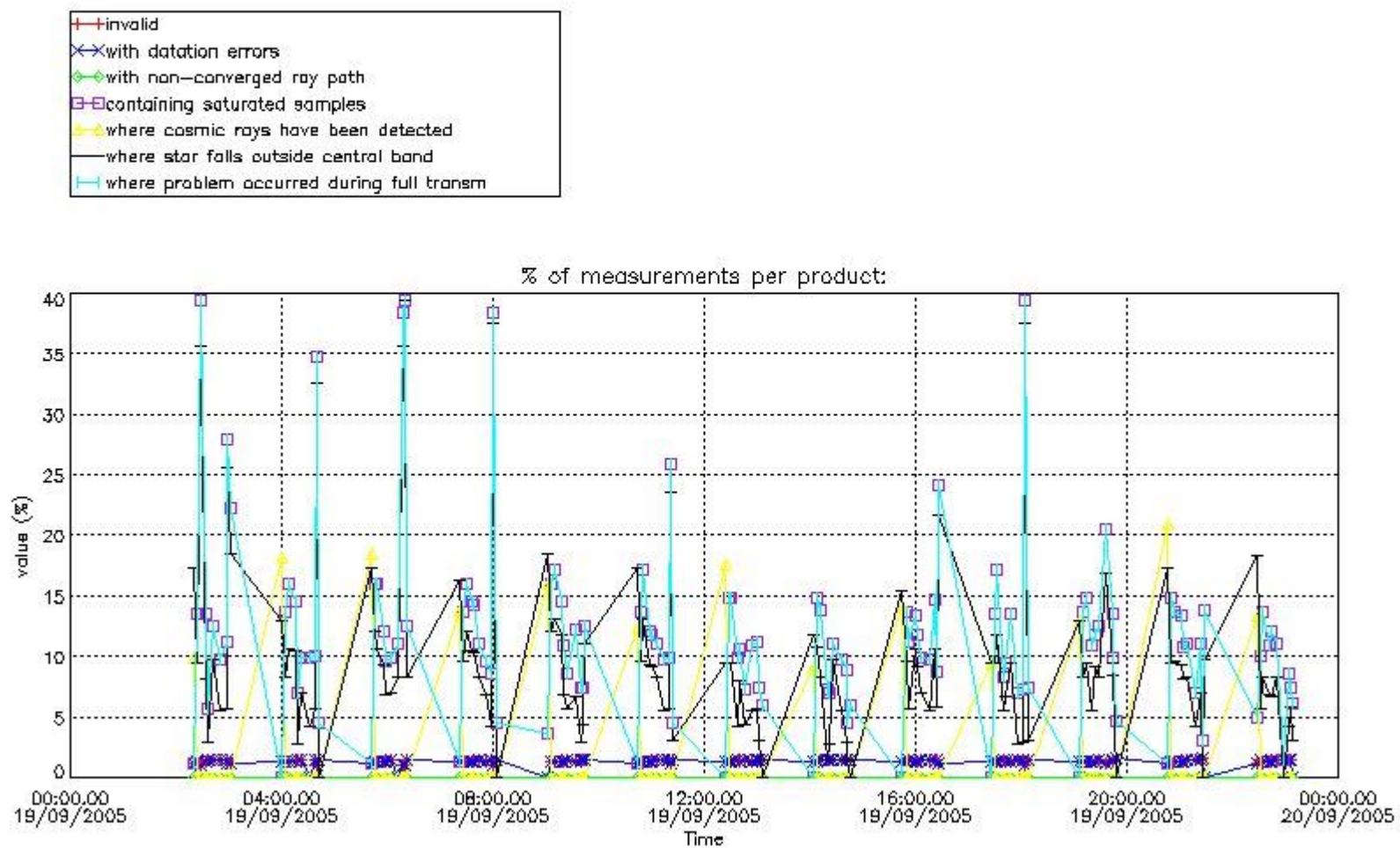
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

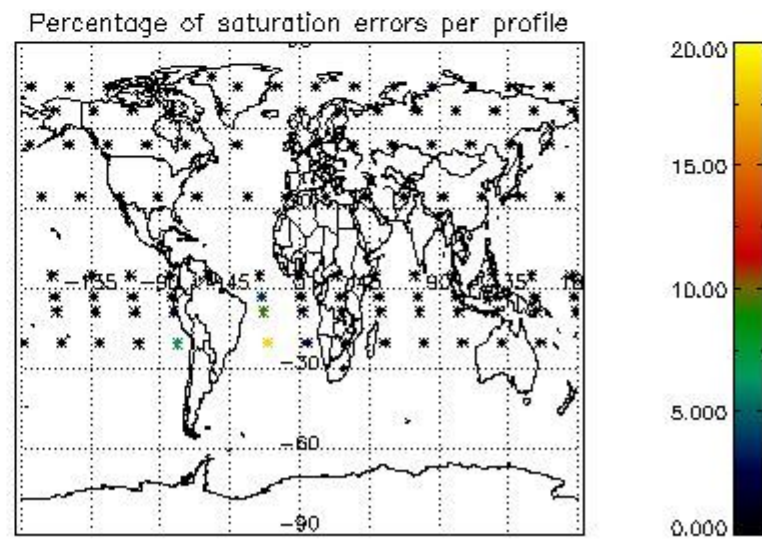
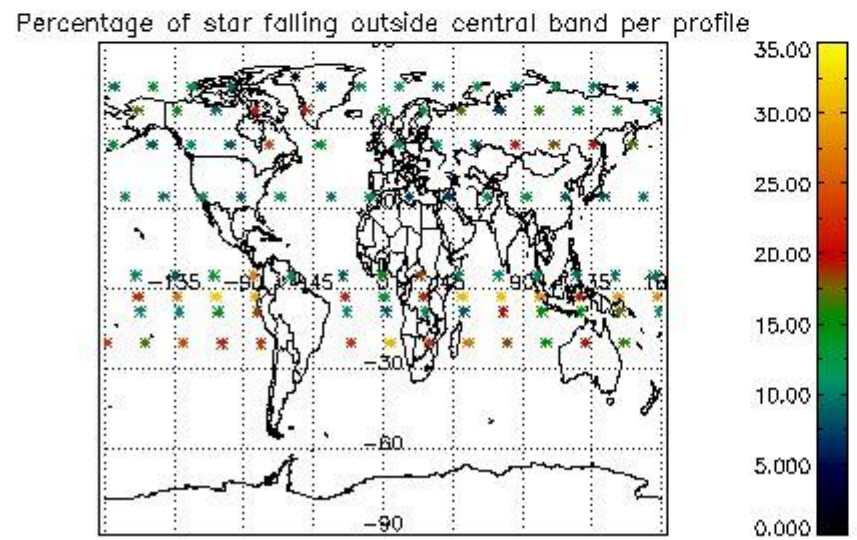
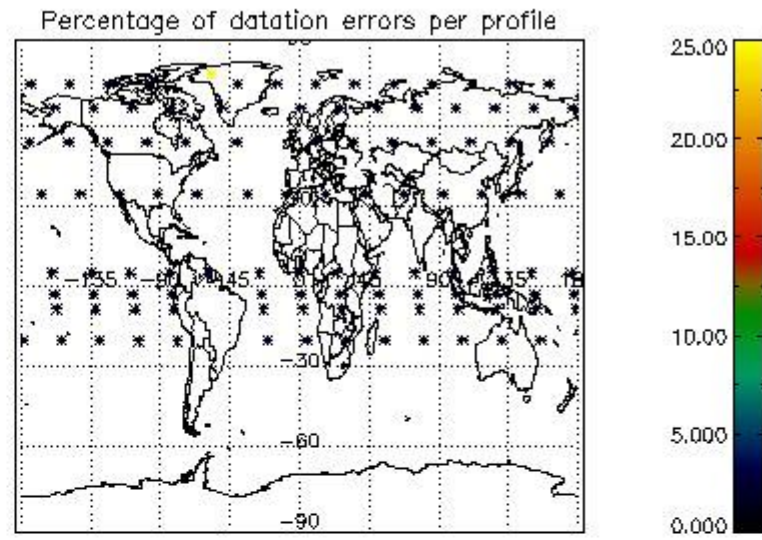
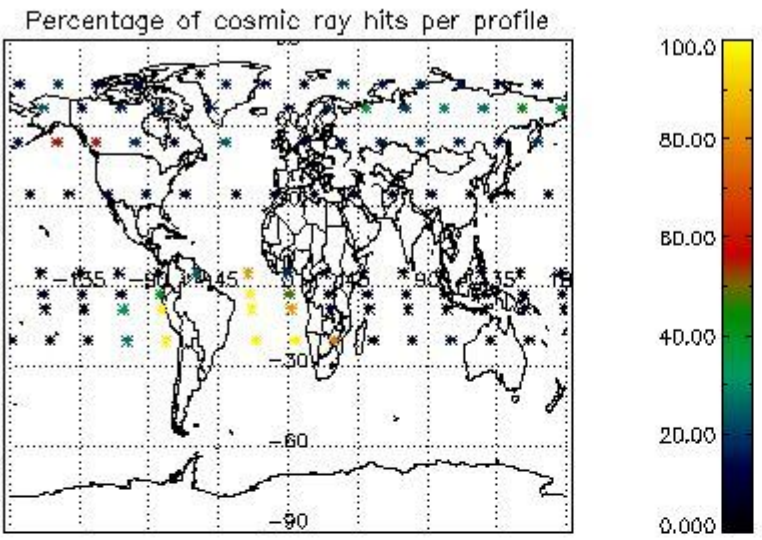


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

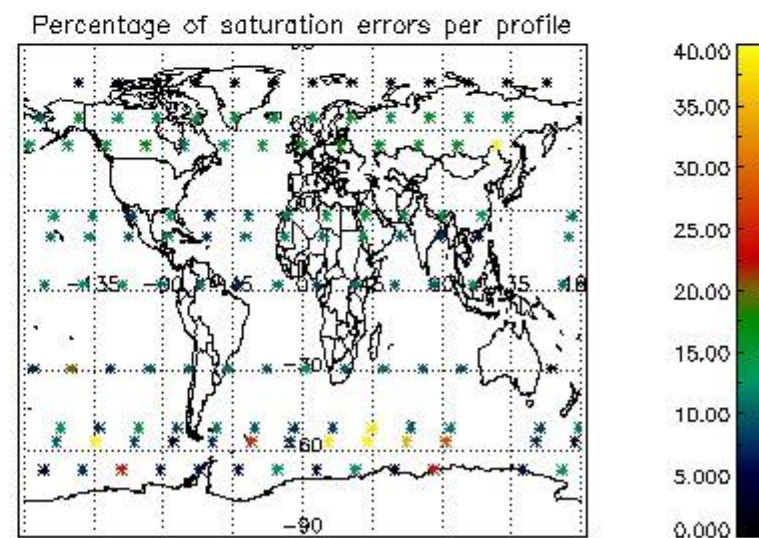
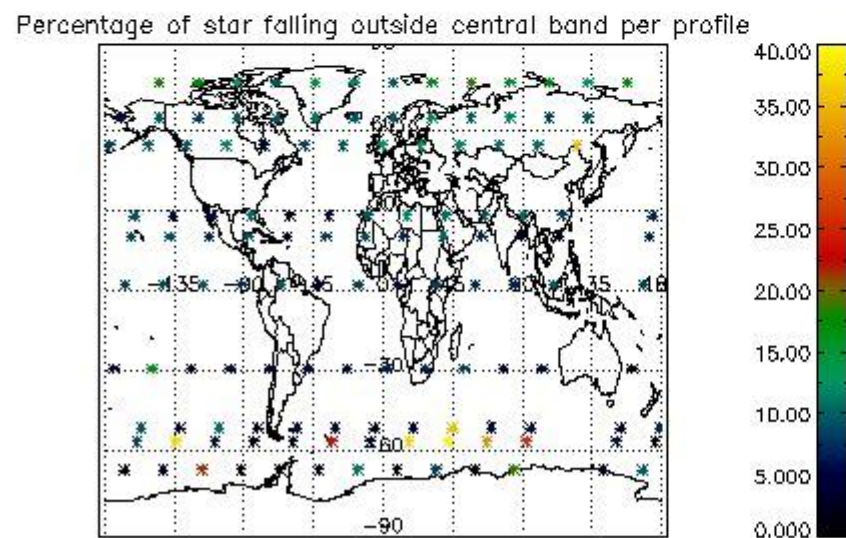
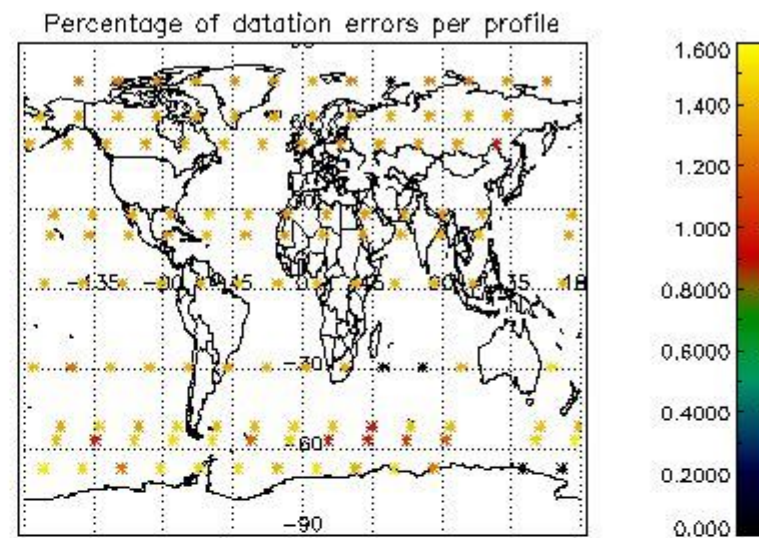
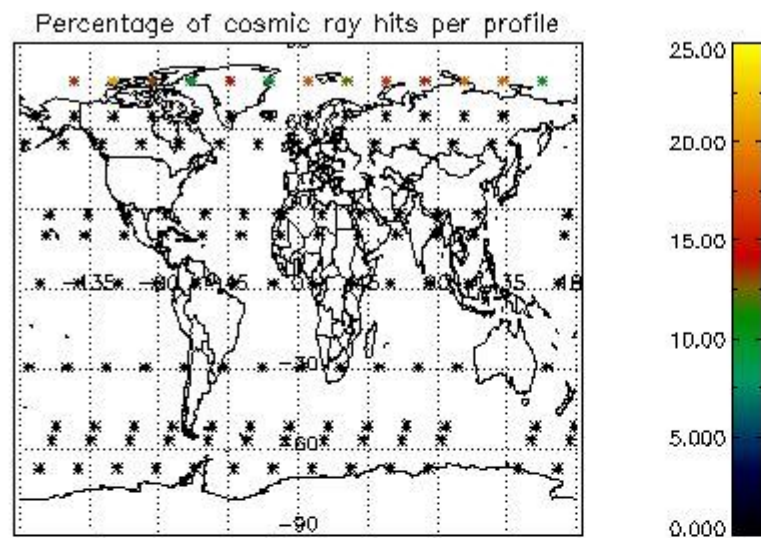


4.2 Plot quality information per product coming from level 1b processing (world map)

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

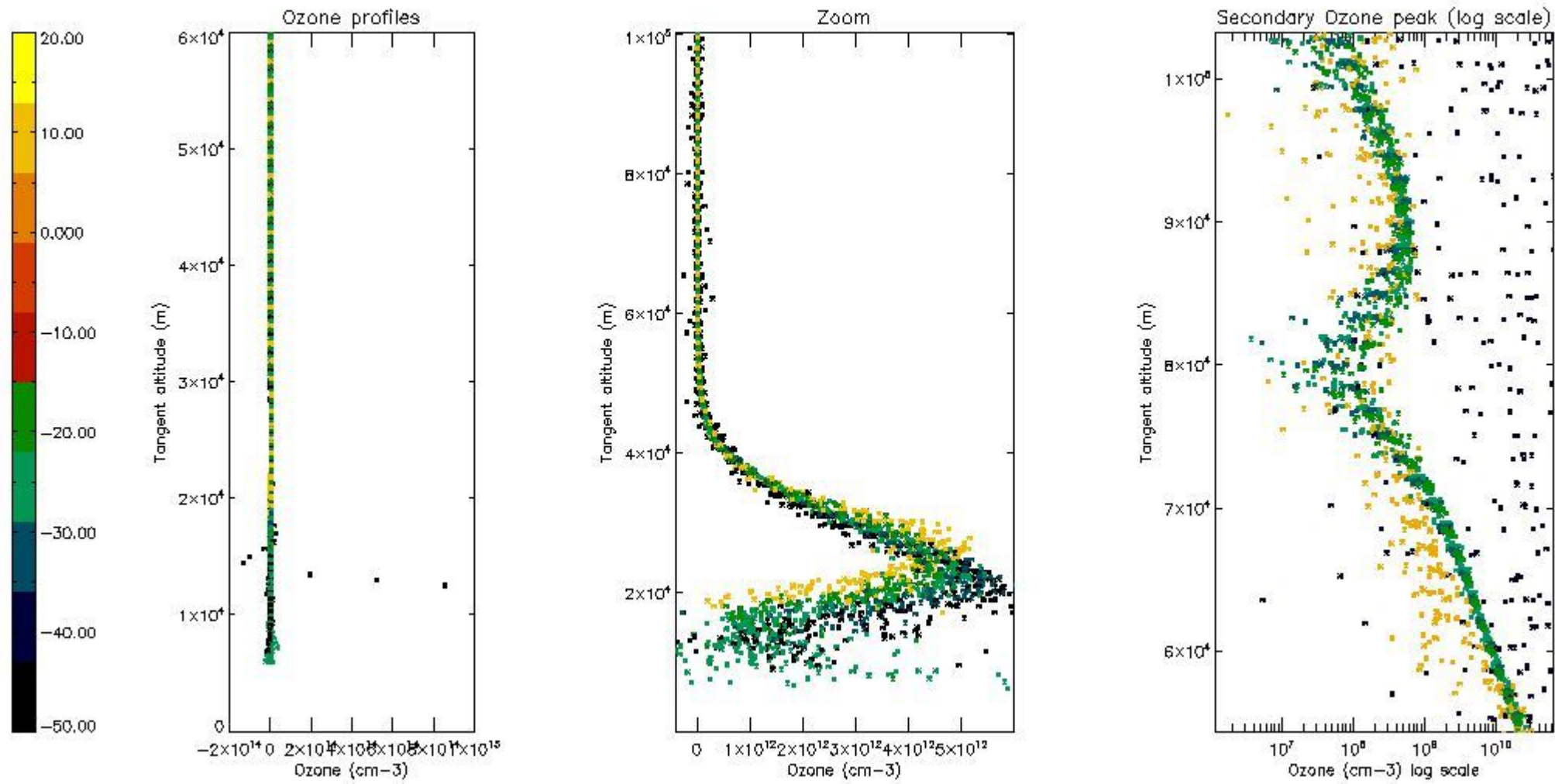
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	12
STD < 5	7

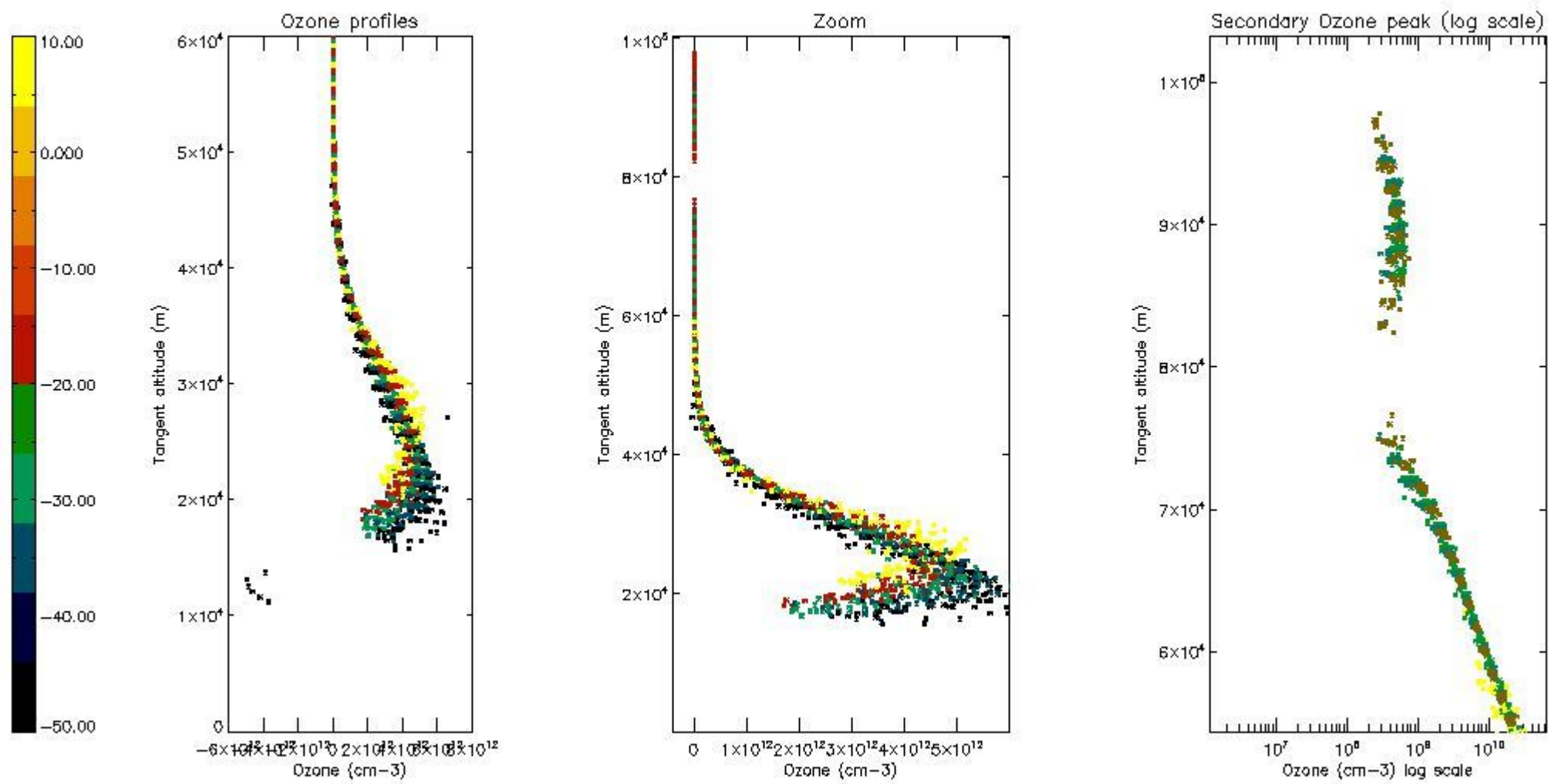
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



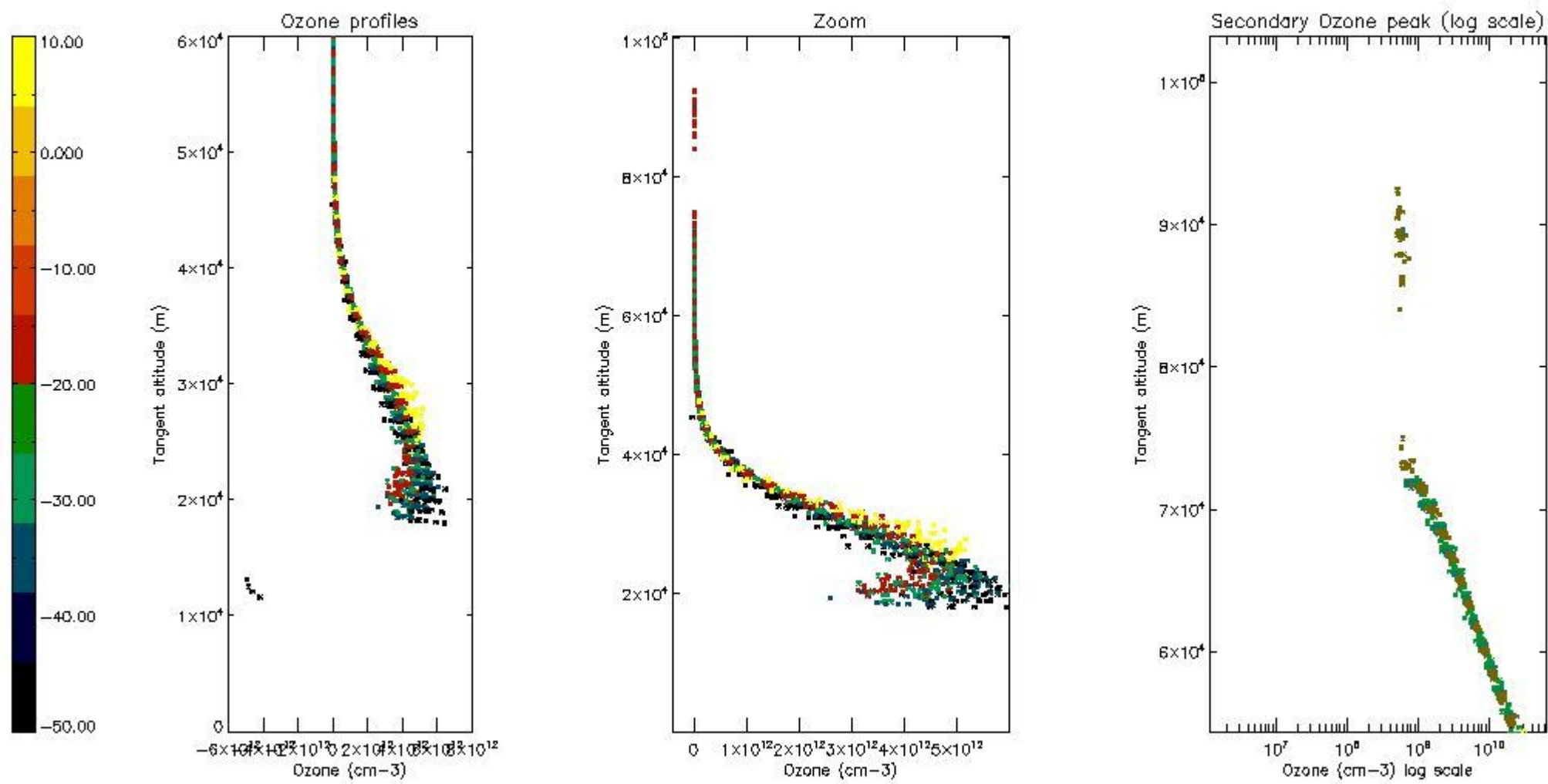
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



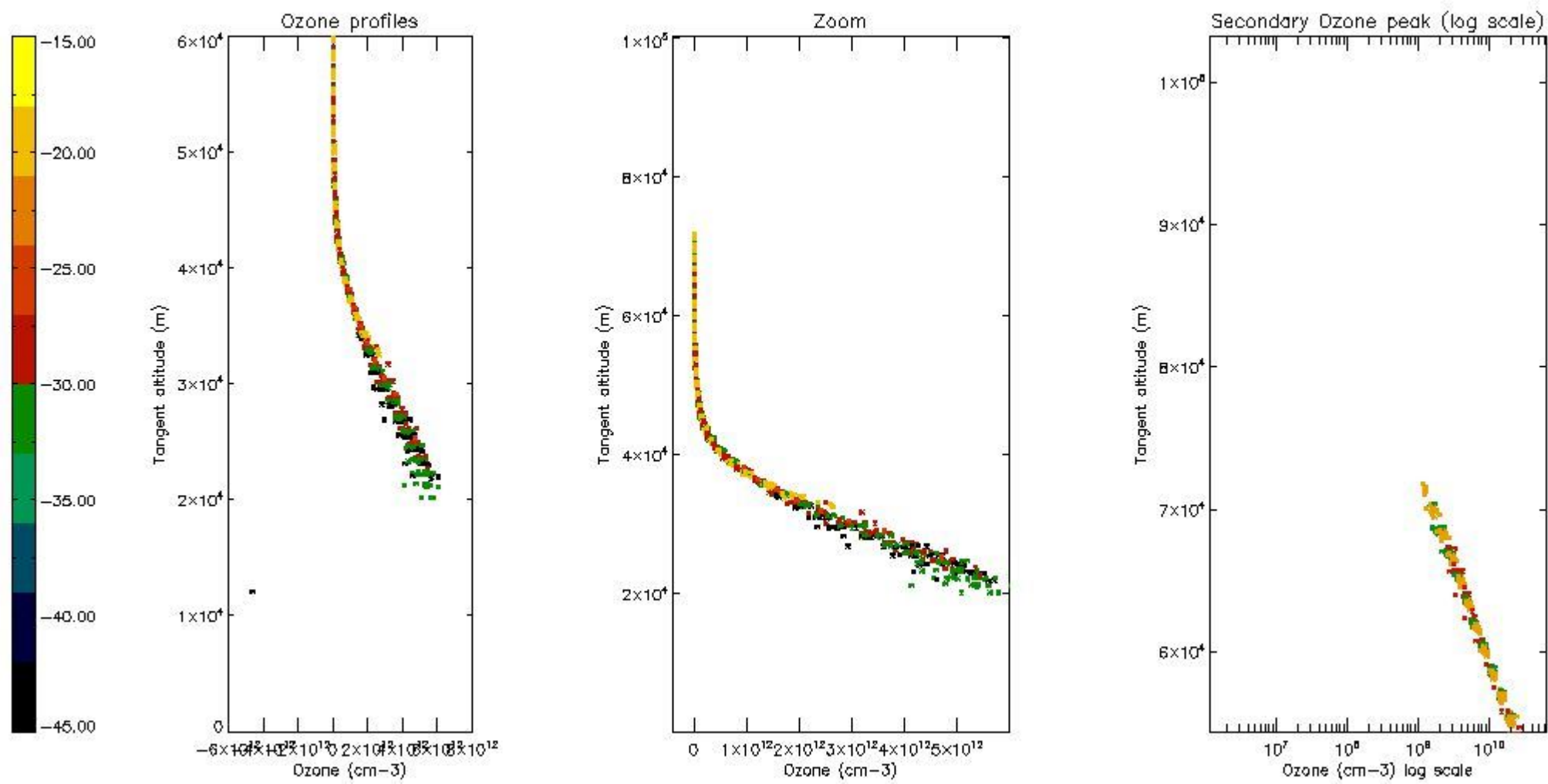
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



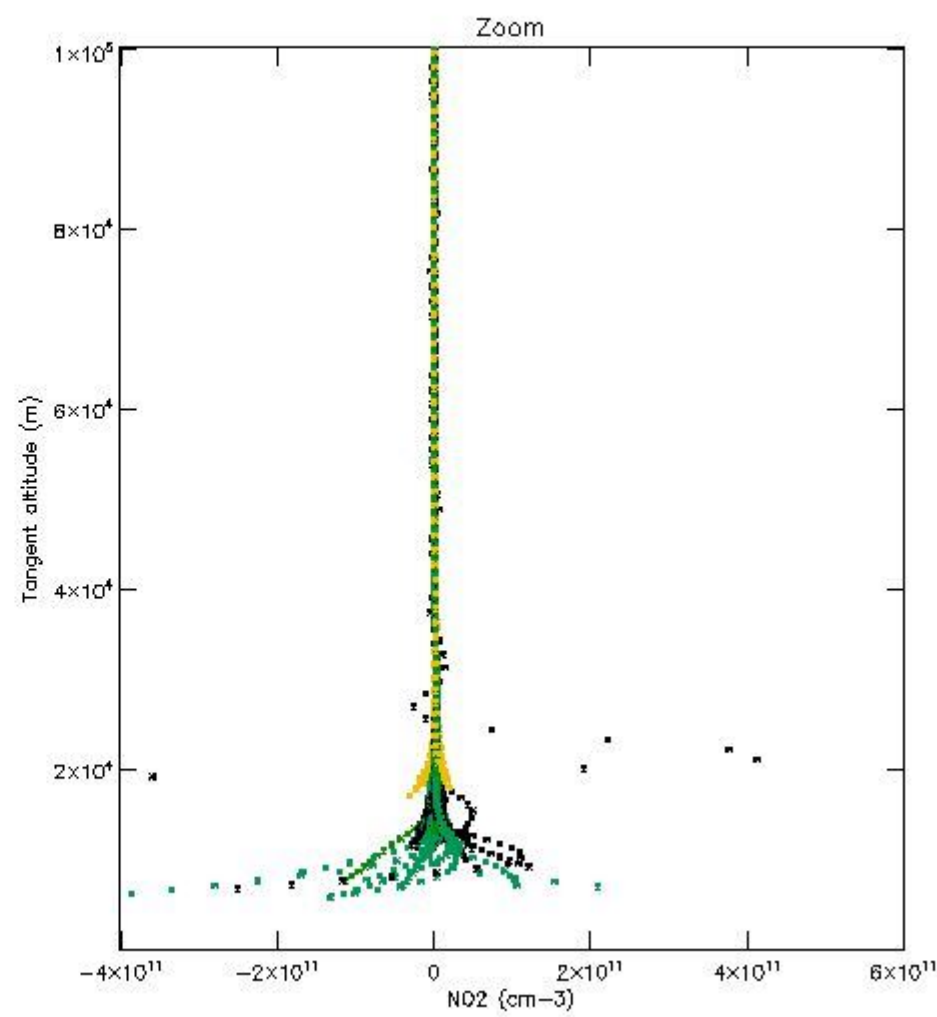
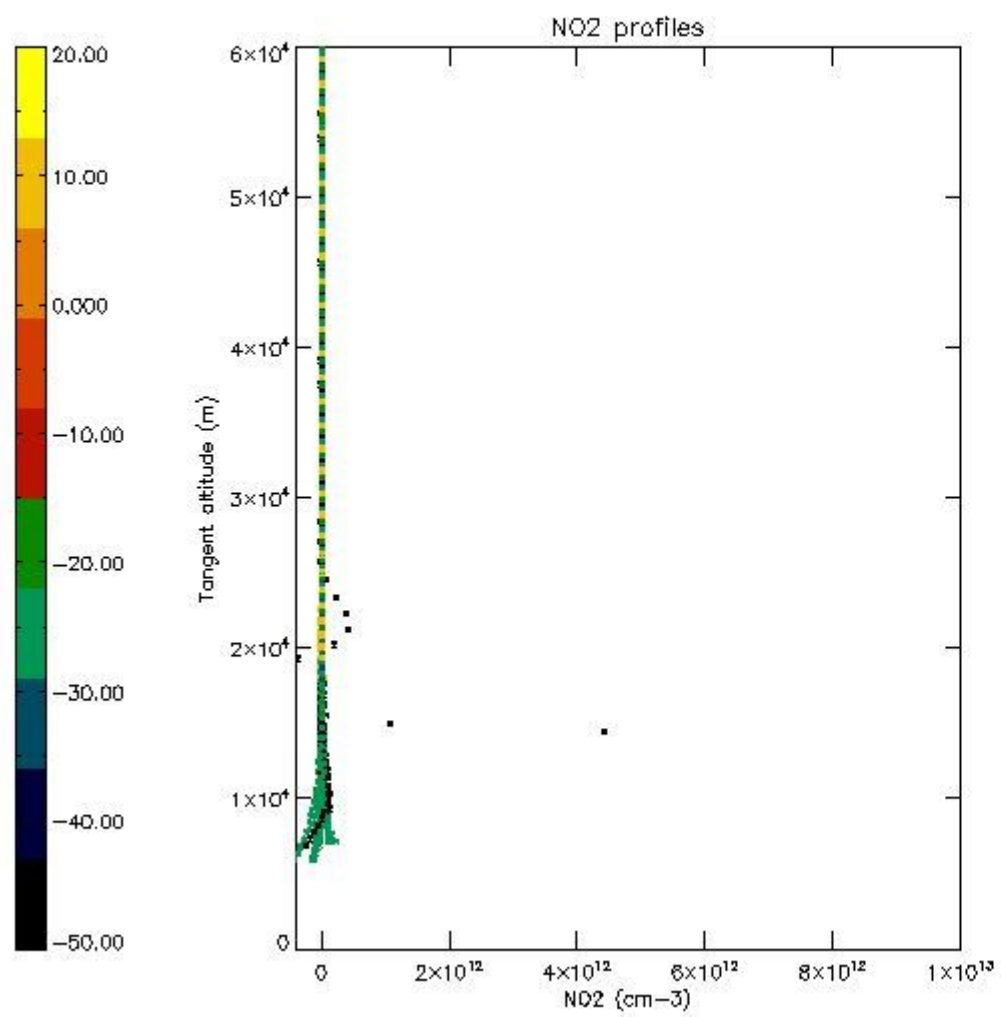
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



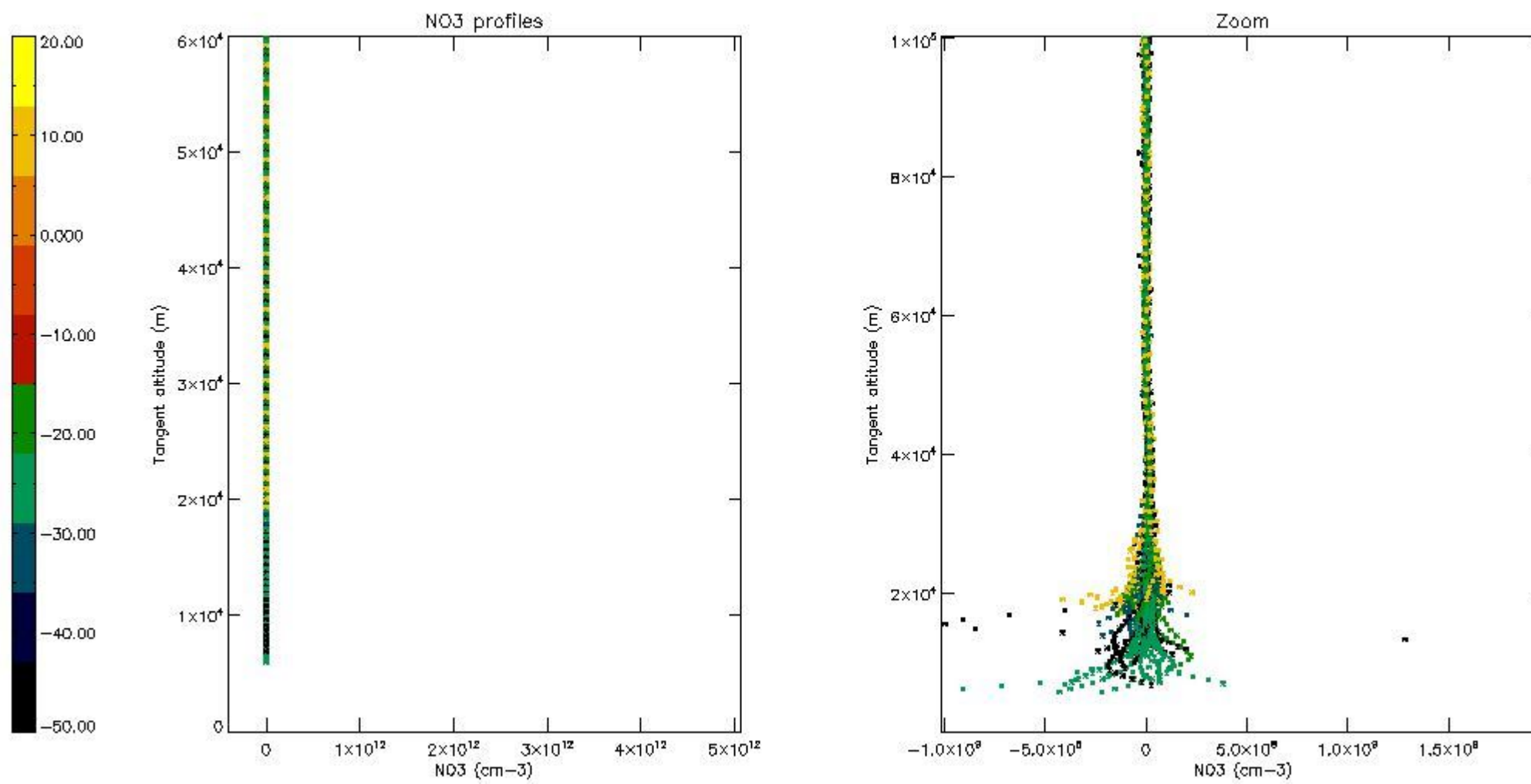
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	19-SEP-2005 01:53:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-SEP-2005 01:53:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-SEP-2005 01:53:50

GOMOS Level 2 Daily Report

SUMMARY

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[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	18APR2013 11:03:03
Data source version	GOMOS/6.01
Start time of products	19-09-2005 (19SEP2005 00:00:00)
Stop time of products	20-09-2005 (20SEP2005 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__2PRFIN20050919_015350_000000382040_00490_18580_6880.N1	19-SEP-2005 01:53:50	Dark	37.500	29	Bet Car	1.6720	10200.	75	18580	No
2	GOM_NL__2PRFIN20050919_020209_000000382040_00490_18580_6881.N1	19-SEP-2005 02:02:09	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18580	No
3	GOM_NL__2PRFIN20050919_020739_000000452040_00490_18580_6882.N1	19-SEP-2005 02:07:39	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	18580	No
4	GOM_NL__2PRFIN20050919_021124_000000432040_00490_18580_6883.N1	19-SEP-2005 02:11:24	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18580	No
5	GOM_NL__2PRFIN20050919_021412_000000372040_00490_18580_6884.N1	19-SEP-2005 02:14:12	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	18580	No
6	GOM_NL__2PRFIN20050919_022009_000000412040_00490_18580_6885.N1	19-SEP-2005 02:20:09	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	18580	No
7	GOM_NL__2PRFIN20050919_022421_000000372040_00490_18580_6886.N1	19-SEP-2005 02:24:21	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	18580	No
8	GOM_NL__2PRFIN20050919_022722_000000522040_00490_18580_6887.N1	19-SEP-2005 02:27:22	Bright	52.000	61	8Eps Peg	2.1000	3900.0	104	18580	No
9	GOM_NL__2PRFIN20050919_023448_000000372040_00490_18580_6888.N1	19-SEP-2005 02:34:48	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	18580	No
10	GOM_NL__2PRFIN20050919_023658_000000352040_00490_18580_6889.N1	19-SEP-2005 02:36:58	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18580	No
11	GOM_NL__2PRFIN20050919_024205_000000362040_00490_18580_6890.N1	19-SEP-2005 02:42:05	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18580	No
12	GOM_NL__2PRFIN20050919_025052_000000362040_00490_18580_6891.N1	19-SEP-2005 02:50:52	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18580	No
13	GOM_NL__2PRFIN20050919_025710_000000362040_00490_18580_6892.N1	19-SEP-2005 02:57:10	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18580	No
14	GOM_NL__2PRFIN20050919_025837_000000432040_00490_18580_6893.N1	19-SEP-2005 02:58:37	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	18580	No
15	GOM_NL__2PRFIN20050919_030144_000000412040_00490_18580_6894.N1	19-SEP-2005 03:01:44	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	18580	No
16	GOM_NL__2PRFIN20050919_032721_000000432040_00490_18580_6895.N1	19-SEP-2005 03:27:21	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	18580	No
17	GOM_NL__2PRFIN20050919_033039_000000412040_00490_18580_6896.N1	19-SEP-2005 03:30:39	Dark	40.500	46	Del Vel	1.9540	10600.	81	18580	No
18	GOM_NL__2PRFIN20050919_033212_000000472040_00490_18580_6897.N1	19-SEP-2005 03:32:12	Dark	47.000	41	Eps Car	1.8600	4100.0	94	18580	No
19	GOM_NL__2PRFIN20050919_033426_000000462040_00491_18581_6880.N1	19-SEP-2005 03:34:26	Dark	46.000	29	Bet Car	1.6720	10200.	92	18581	No
20	GOM_NL__2PRFIN20050919_034245_000000372040_00491_18581_6881.N1	19-SEP-2005 03:42:45	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18581	No
21	GOM_NL__2PRFIN20050919_034816_000000372040_00491_18581_6882.N1	19-SEP-2005 03:48:16	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18581	No
22	GOM_NL__2PRFIN20050919_035200_000000372040_00491_18581_6883.N1	19-SEP-2005 03:52:00	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	18581	No
23	GOM_NL__2PRFIN20050919_035448_000000382040_00491_18581_6884.N1	19-SEP-2005 03:54:48	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18581	No
24	GOM_NL__2PRFIN20050919_040046_000000392040_00491_18581_6885.N1	19-SEP-2005 04:00:46	Tw_i_and_stray	38.500	142	49Del Cap	2.8500	8900.0	77	18581	No
25	GOM_NL__2PRFIN20050919_040457_000000372040_00491_18581_6886.N1	19-SEP-2005 04:04:57	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18581	No
26	GOM_NL__2PRFIN20050919_040758_000000382040_00491_18581_6887.N1	19-SEP-2005 04:07:58	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	18581	No
27	GOM_NL__2PRFIN20050919_041524_000000382040_00491_18581_6888.N1	19-SEP-2005 04:15:24	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	18581	No
28	GOM_NL__2PRFIN20050919_041734_000000362040_00491_18581_6889.N1	19-SEP-2005 04:17:34	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18581	No
29	GOM_NL__2PRFIN20050919_042241_000000362040_00491_18581_6890.N1	19-SEP-2005 04:22:41	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18581	No
30	GOM_NL__2PRFIN20050919_043128_000000362040_00491_18581_6891.N1	19-SEP-2005 04:31:28	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18581	No
31	GOM_NL__2PRFIN20050919_043746_000000352040_00491_18581_6892.N1	19-SEP-2005 04:37:46	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18581	No
32	GOM_NL__2PRFIN20050919_043913_000000482040_00491_18581_6893.N1	19-SEP-2005 04:39:13	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	18581	No
33	GOM_NL__2PRFIN20050919_044220_000000332040_00491_18581_6894.N1	19-SEP-2005 04:42:20	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18581	No
34	GOM_NL__2PRFIN20050919_050758_000000432040_00491_18581_6895.N1	19-SEP-2005 05:07:58	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	18581	No
35	GOM_NL__2PRFIN20050919_051116_000000392040_00491_18581_6896.N1	19-SEP-2005 05:11:16	Dark	39.000	46	Del Vel	1.9540	10600.	78	18581	No
36	GOM_NL__2PRFIN20050919_051249_000000492040_00491_18581_6897.N1	19-SEP-2005 05:12:49	Dark	48.500	41	Eps Car	1.8600	4100.0	97	18581	No
37	GOM_NL__2PRFIN20050919_051502_000000392040_00492_18582_6900.N1	19-SEP-2005 05:15:02	Dark	38.500	29	Bet Car	1.6720	10200.	77	18582	No
38	GOM_NL__2PRFIN20050919_052321_000000382040_00492_18582_6901.N1	19-SEP-2005 05:23:21	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18582	No
39	GOM_NL__2PRFIN20050919_052852_000000382040_00492_18582_6902.N1	19-SEP-2005 05:28:52	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18582	No
40	GOM_NL__2PRFIN20050919_053237_000000402040_00492_18582_6903.N1	19-SEP-2005 05:32:37	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18582	No
41	GOM_NL__2PRFIN20050919_053524_000000392040_00492_18582_6904.N1	19-SEP-2005 05:35:24	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	18582	No
42	GOM_NL__2PRFIN20050919_054122_000000412040_00492_18582_6905.N1	19-SEP-2005 05:41:22	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	18582	No

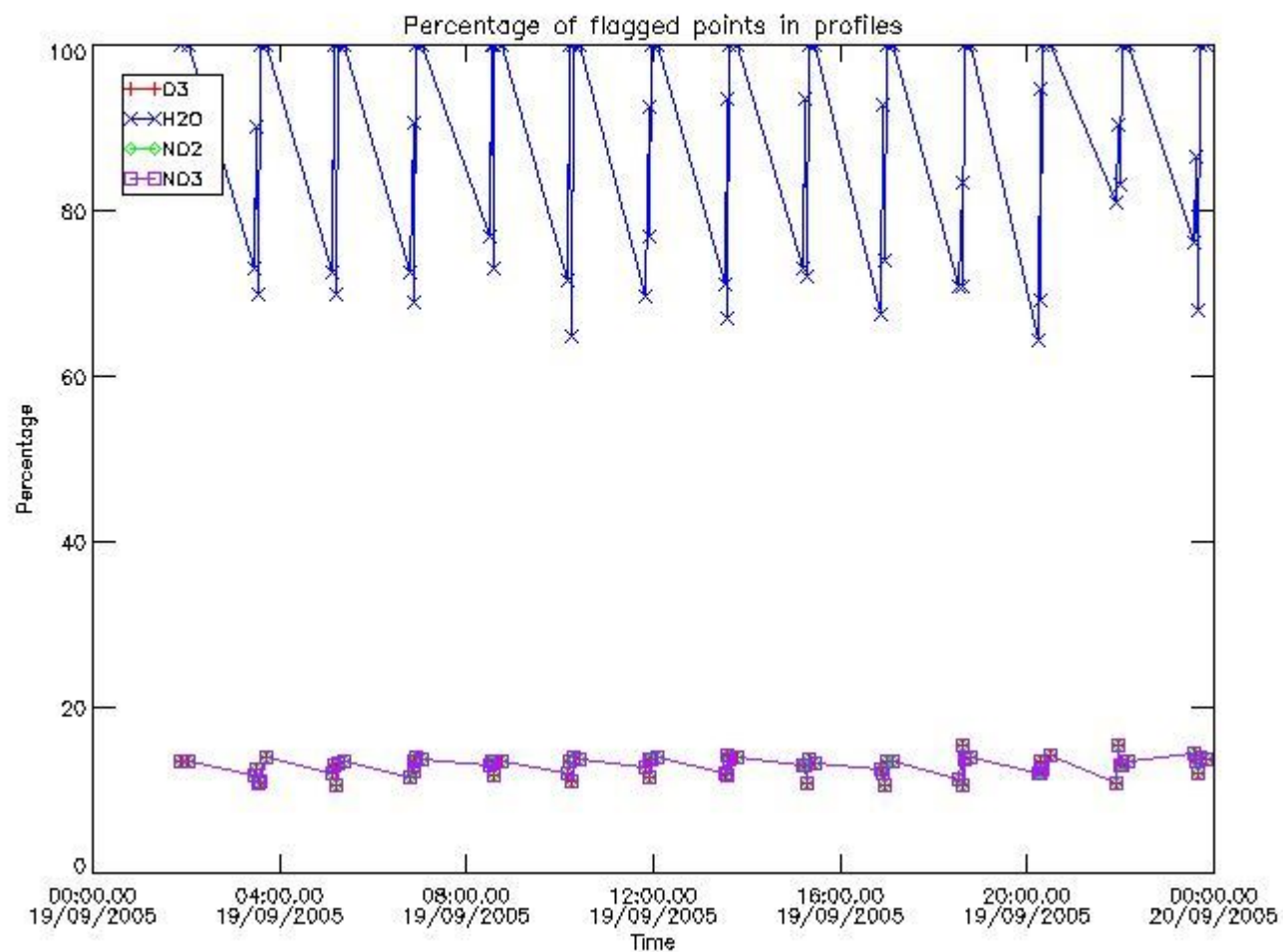
43	GOM_NL__2PRFIN20050919_054533_000000382040_00492_18582_6906.N1	19-SEP-2005 05:45:33	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18582	No
44	GOM_NL__2PRFIN20050919_054835_000000382040_00492_18582_6907.N1	19-SEP-2005 05:48:35	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	18582	No
45	GOM_NL__2PRFIN20050919_055600_000000382040_00492_18582_6908.N1	19-SEP-2005 05:56:00	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	18582	No
46	GOM_NL__2PRFIN20050919_055811_000000372040_00492_18582_6909.N1	19-SEP-2005 05:58:11	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18582	No
47	GOM_NL__2PRFIN20050919_060317_000000362040_00492_18582_6910.N1	19-SEP-2005 06:03:17	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	18582	No
48	GOM_NL__2PRFIN20050919_061204_000000362040_00492_18582_6911.N1	19-SEP-2005 06:12:04	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18582	No
49	GOM_NL__2PRFIN20050919_061822_000000522040_00492_18582_6912.N1	19-SEP-2005 06:18:22	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	18582	No
50	GOM_NL__2PRFIN20050919_061950_000000522040_00492_18582_6913.N1	19-SEP-2005 06:19:50	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18582	No
51	GOM_NL__2PRFIN20050919_062256_000000362040_00492_18582_6914.N1	19-SEP-2005 06:22:56	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	18582	No
52	GOM_NL__2PRFIN20050919_064834_000000442040_00492_18582_6915.N1	19-SEP-2005 06:48:34	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	18582	No
53	GOM_NL__2PRFIN20050919_065152_000000382040_00492_18582_6916.N1	19-SEP-2005 06:51:52	Dark	37.500	46	Del Vel	1.9540	10600.	75	18582	No
54	GOM_NL__2PRFIN20050919_065325_000000462040_00492_18582_6917.N1	19-SEP-2005 06:53:25	Dark	45.500	41	Eps Car	1.8600	4100.0	91	18582	No
55	GOM_NL__2PRFIN20050919_065538_000000372040_00493_18583_6900.N1	19-SEP-2005 06:55:38	Dark	36.500	29	Bet Car	1.6720	10200.	73	18583	No
56	GOM_NL__2PRFIN20050919_070357_000000372040_00493_18583_6901.N1	19-SEP-2005 07:03:57	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18583	No
57	GOM_NL__2PRFIN20050919_070928_000000372040_00493_18583_6902.N1	19-SEP-2005 07:09:28	Straylight	36.500	148	Alp Tuc	2.8780	4100.0	73	18583	No
58	GOM_NL__2PRFIN20050919_071313_000000412040_00493_18583_6903.N1	19-SEP-2005 07:13:13	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18583	No
59	GOM_NL__2PRFIN20050919_071600_000000372040_00493_18583_6904.N1	19-SEP-2005 07:16:00	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	18583	No
60	GOM_NL__2PRFIN20050919_072158_000000402040_00493_18583_6905.N1	19-SEP-2005 07:21:58	Tw_i_and_stray	40.000	142	49Del Cap	2.8500	8900.0	80	18583	No
61	GOM_NL__2PRFIN20050919_072609_000000372040_00493_18583_6906.N1	19-SEP-2005 07:26:09	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18583	No
62	GOM_NL__2PRFIN20050919_072911_000000382040_00493_18583_6907.N1	19-SEP-2005 07:29:11	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	18583	No
63	GOM_NL__2PRFIN20050919_073637_000000382040_00493_18583_6908.N1	19-SEP-2005 07:36:37	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	18583	No
64	GOM_NL__2PRFIN20050919_073847_000000392040_00493_18583_6909.N1	19-SEP-2005 07:38:47	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	18583	No
65	GOM_NL__2PRFIN20050919_074353_000000362040_00493_18583_6910.N1	19-SEP-2005 07:43:53	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18583	No
66	GOM_NL__2PRFIN20050919_075241_000000372040_00493_18583_6911.N1	19-SEP-2005 07:52:41	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18583	No
67	GOM_NL__2PRFIN20050919_075858_000000352040_00493_18583_6912.N1	19-SEP-2005 07:58:58	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18583	No
68	GOM_NL__2PRFIN20050919_080026_000000522040_00493_18583_6913.N1	19-SEP-2005 08:00:26	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	18583	No
69	GOM_NL__2PRFIN20050919_080333_000000332040_00493_18583_6914.N1	19-SEP-2005 08:03:33	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18583	No
70	GOM_NL__2PRFIN20050919_082910_000000402040_00493_18583_6915.N1	19-SEP-2005 08:29:10	Dark	39.500	65	Lam Vel	2.2040	4400.0	79	18583	No
71	GOM_NL__2PRFIN20050919_083228_000000382040_00493_18583_6916.N1	19-SEP-2005 08:32:28	Dark	37.500	46	Del Vel	1.9540	10600.	75	18583	No
72	GOM_NL__2PRFIN20050919_083401_000000432040_00493_18583_6917.N1	19-SEP-2005 08:34:01	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18583	No
73	GOM_NL__2PRFIN20050919_083614_000000382040_00494_18584_6900.N1	19-SEP-2005 08:36:14	Dark	37.500	29	Bet Car	1.6720	10200.	75	18584	No
74	GOM_NL__2PRFIN20050919_084433_000000382040_00494_18584_6901.N1	19-SEP-2005 08:44:33	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18584	No
75	GOM_NL__2PRFIN20050919_085004_000000392040_00494_18584_6902.N1	19-SEP-2005 08:50:04	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18584	No
76	GOM_NL__2PRFIN20050919_085349_000000382040_00494_18584_6903.N1	19-SEP-2005 08:53:49	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18584	No
77	GOM_NL__2PRFIN20050919_085636_000000352040_00494_18584_6904.N1	19-SEP-2005 08:56:36	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	18584	No
78	GOM_NL__2PRFIN20050919_090234_000000412040_00494_18584_6905.N1	19-SEP-2005 09:02:34	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	18584	No
79	GOM_NL__2PRFIN20050919_090645_000000382040_00494_18584_6906.N1	19-SEP-2005 09:06:45	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	18584	No
80	GOM_NL__2PRFIN20050919_090947_000000382040_00494_18584_6907.N1	19-SEP-2005 09:09:47	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	18584	No
81	GOM_NL__2PRFIN20050919_091713_000000382040_00494_18584_6908.N1	19-SEP-2005 09:17:13	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	18584	No
82	GOM_NL__2PRFIN20050919_091923_000000372040_00494_18584_6909.N1	19-SEP-2005 09:19:23	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18584	No
83	GOM_NL__2PRFIN20050919_092429_000000352040_00494_18584_6910.N1	19-SEP-2005 09:24:29	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	18584	No
84	GOM_NL__2PRFIN20050919_093317_000000372040_00494_18584_6911.N1	19-SEP-2005 09:33:17	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18584	No
85	GOM_NL__2PRFIN20050919_093934_000000342040_00494_18584_6912.N1	19-SEP-2005 09:39:34	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18584	No
86	GOM_NL__2PRFIN20050919_094102_000000342040_00494_18584_6913.N1	19-SEP-2005 09:41:02	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	18584	No
87	GOM_NL__2PRFIN20050919_094409_000000362040_00494_18584_6914.N1	19-SEP-2005 09:44:09	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	18584	No
88	GOM_NL__2PRFIN20050919_100946_000000432040_00494_18584_6915.N1	19-SEP-2005 10:09:46	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	18584	No
89	GOM_NL__2PRFIN20050919_101304_000000382040_00494_18584_6916.N1	19-SEP-2005 10:13:04	Dark	38.000	46	Del Vel	1.9540	10600.	76	18584	No
90	GOM_NL__2PRFIN20050919_101437_000000462040_00494_18584_6917.N1	19-SEP-2005 10:14:37	Dark	46.000	41	Eps Car	1.8600	4100.0	92	18584	No
91	GOM_NL__2PRFIN20050919_101650_000000372040_00495_18585_6900.N1	19-SEP-2005 10:16:50	Dark	36.500	29	Bet Car	1.6720	10200.	73	18585	No
92	GOM_NL__2PRFIN20050919_102509_000000372040_00495_18585_6901.N1	19-SEP-2005 10:25:09	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18585	No
93	GOM_NL__2PRFIN20050919_103040_000000402040_00495_18585_6902.N1	19-SEP-2005 10:30:40	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18585	No
94	GOM_NL__2PRFIN20050919_103425_000000392040_00495_18585_6903.N1	19-SEP-2005 10:34:25	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	18585	No
95	GOM_NL__2PRFIN20050919_103712_000000372040_00495_18585_6904.N1	19-SEP-2005 10:37:12	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	18585	No
96	GOM_NL__2PRFIN20050919_104310_000000412040_00495_18585_6905.N1	19-SEP-2005 10:43:10	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	18585	No
97	GOM_NL__2PRFIN20050919_104721_000000372040_00495_18585_6906.N1	19-SEP-2005 10:47:21	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	18585	No
98	GOM_NL__2PRFIN20050919_105023_000000382040_00495_18585_6907.N1	19-SEP-2005 10:50:23	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	18585	No
99	GOM_NL__2PRFIN20050919_105749_000000382040_00495_18585_6908.N1	19-SEP-2005 10:57:49	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	18585	No
100	GOM_NL__2PRFIN20050919_110000_000000382040_00495_18585_6909.N1	19-SEP-2005 11:00:00	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	18585	No
101	GOM_NL__2PRFIN20050919_110505_000000362040_00495_18585_6910.N1	19-SEP-2005 11:05:05	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18585	No

220	GOM_NL__2PRFIN20050919_222253_00000022041_00001_18592_6920.N1	19-SEP-2005 22:22:53	Straylight	2.0000	18	24Alp PsA	1.1660	9700.0	4	18592	No
221	GOM_NL__2PRFIN20050919_222723_000000412041_00001_18592_6921.N1	19-SEP-2005 22:27:23	Twl_and_stray	41.000	142	49Del Cap	2.8500	8900.0	82	18592	No
222	GOM_NL__2PRFIN20050919_223134_000000352041_00001_18592_6922.N1	19-SEP-2005 22:31:34	Bright	35.000	162	34Alp Aqr	2.9440	5350.0	70	18592	No
223	GOM_NL__2PRFIN20050919_223436_000000372041_00001_18592_6923.N1	19-SEP-2005 22:34:36	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	18592	No
224	GOM_NL__2PRFIN20050919_224203_000000372041_00001_18592_6924.N1	19-SEP-2005 22:42:03	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	18592	No
225	GOM_NL__2PRFIN20050919_224414_000000382041_00001_18592_6925.N1	19-SEP-2005 22:44:14	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18592	No
226	GOM_NL__2PRFIN20050919_224917_000000362041_00001_18592_6926.N1	19-SEP-2005 22:49:17	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	18592	No
227	GOM_NL__2PRFIN20050919_225807_000000332041_00001_18592_6927.N1	19-SEP-2005 22:58:07	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18592	No
228	GOM_NL__2PRFIN20050919_230423_000000352041_00001_18592_6928.N1	19-SEP-2005 23:04:23	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18592	No
229	GOM_NL__2PRFIN20050919_230551_000000342041_00001_18592_6929.N1	19-SEP-2005 23:05:51	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	18592	No
230	GOM_NL__2PRFIN20050919_230858_000000332041_00001_18592_6930.N1	19-SEP-2005 23:08:58	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	18592	No
231	GOM_NL__2PRFIN20050919_233435_000000432041_00001_18592_6931.N1	19-SEP-2005 23:34:35	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	18592	No
232	GOM_NL__2PRFIN20050919_233753_000000382041_00001_18592_6932.N1	19-SEP-2005 23:37:53	Dark	37.500	46	Del Vel	1.9540	10600.	75	18592	No
233	GOM_NL__2PRFIN20050919_233927_000000432041_00001_18592_6933.N1	19-SEP-2005 23:39:27	Dark	42.500	41	Eps Car	1.8600	4100.0	85	18592	No
234	GOM_NL__2PRFIN20050919_234138_000000372041_00002_18593_6917.N1	19-SEP-2005 23:41:38	Dark	36.500	29	Bet Car	1.6720	10200.	73	18593	No
235	GOM_NL__2PRFIN20050919_234958_000000372041_00002_18593_6918.N1	19-SEP-2005 23:49:58	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18593	No
236	GOM_NL__2PRFIN20050919_235528_000000402041_00002_18593_6919.N1	19-SEP-2005 23:55:28	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18593	No
237	GOM_NL__2PRFIN20050919_235913_000000422041_00002_18593_6920.N1	19-SEP-2005 23:59:13	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	18593	No

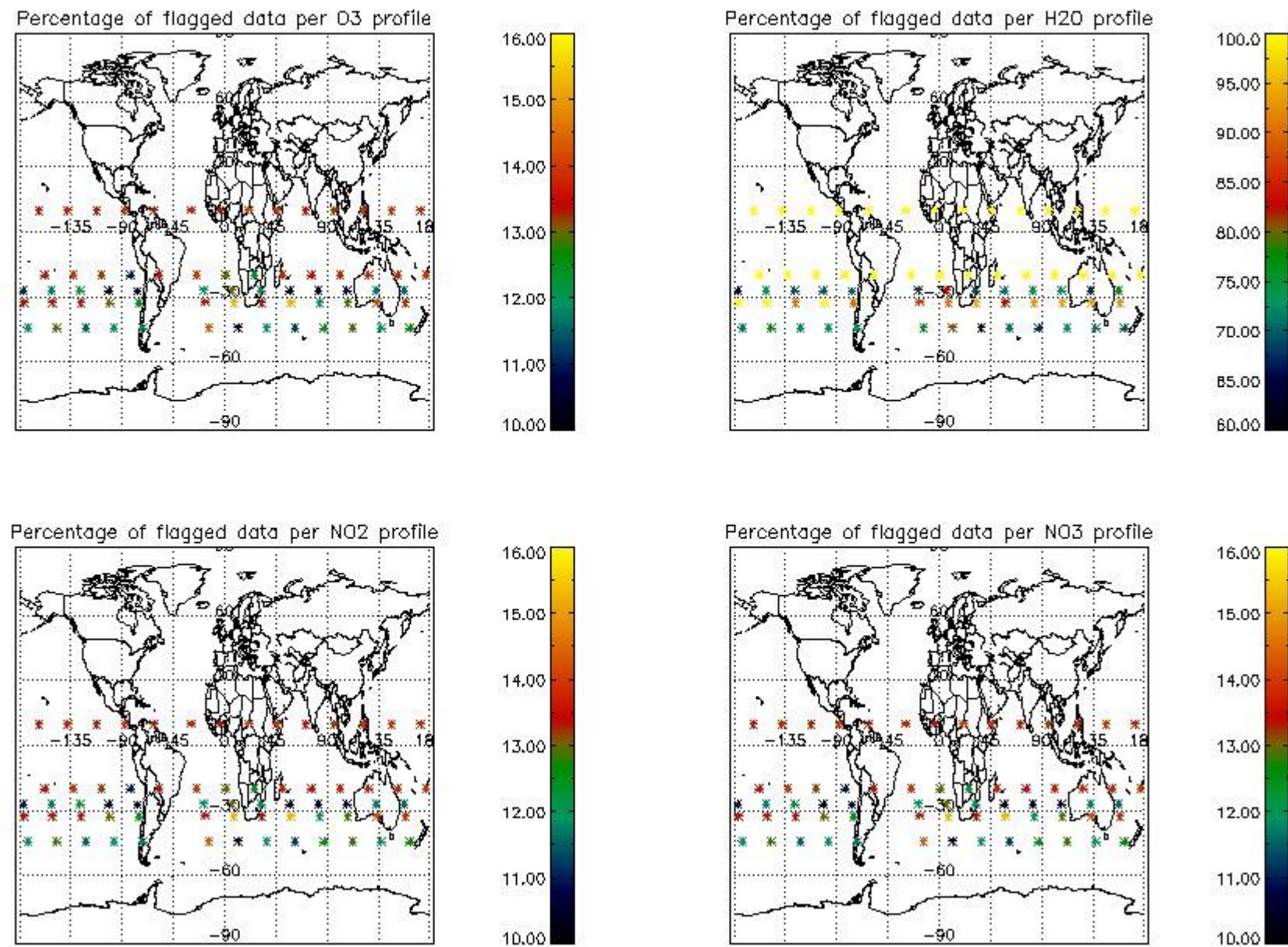
3. Quality information per product

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)

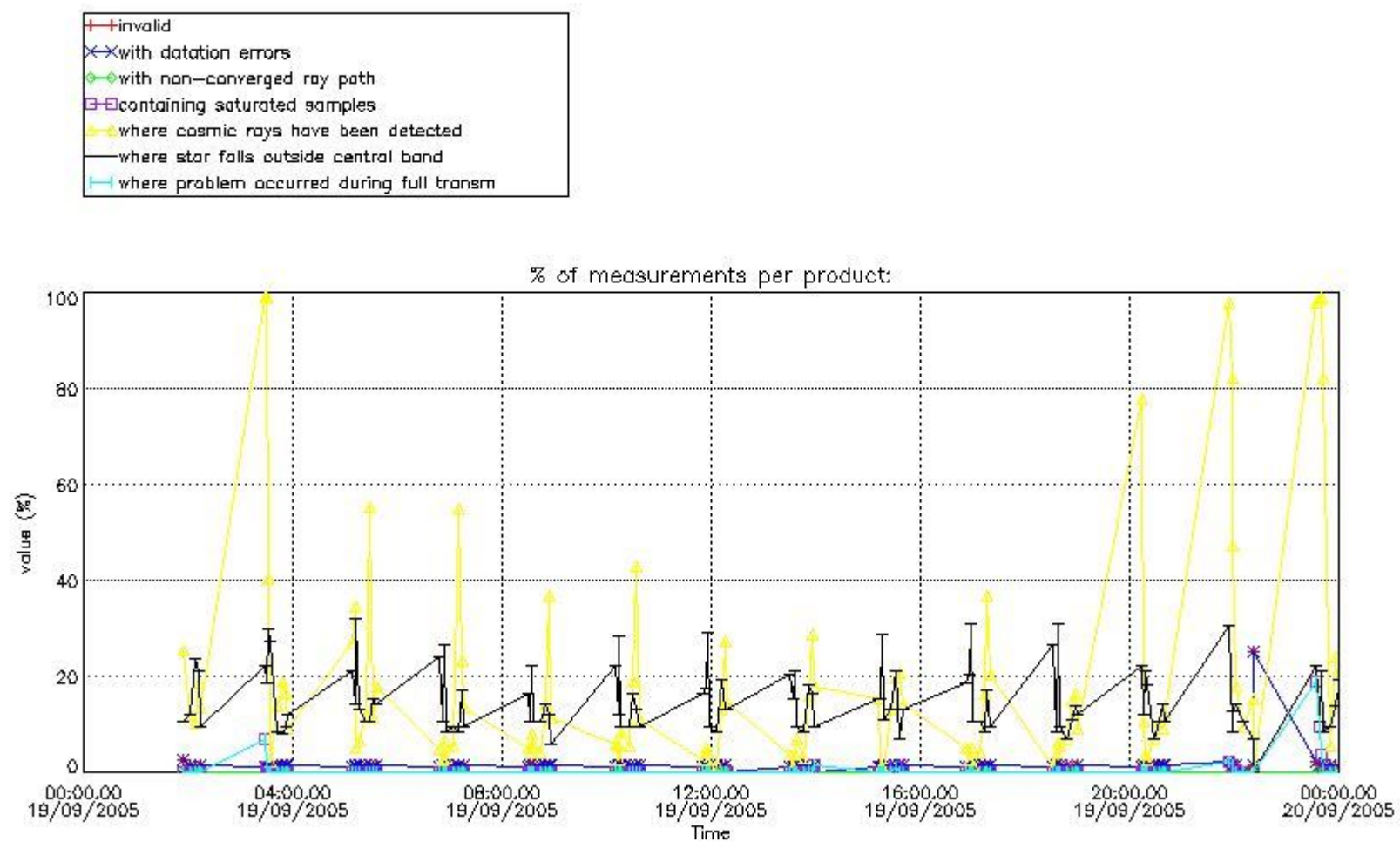


4. Level 1 quality information per product

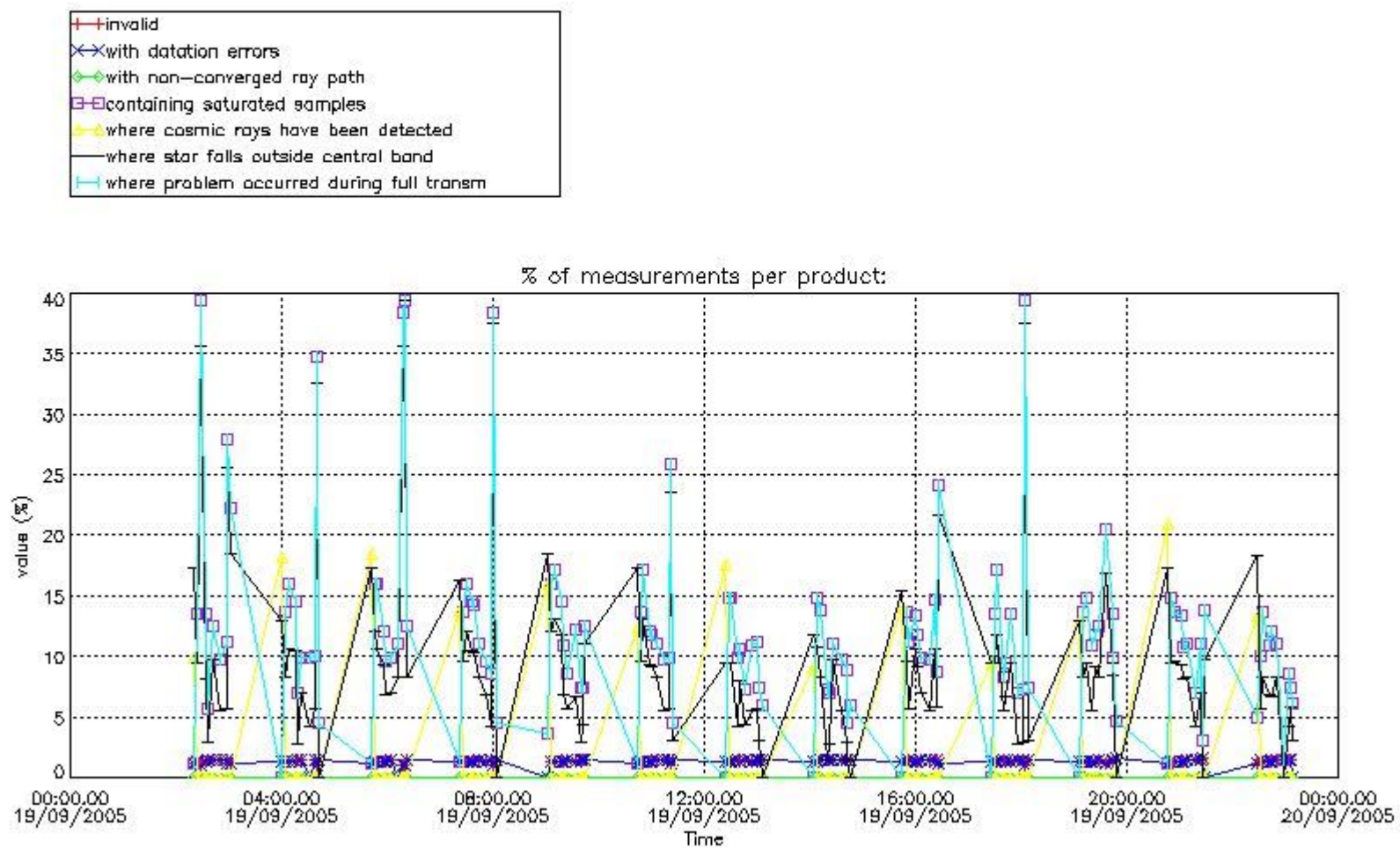
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

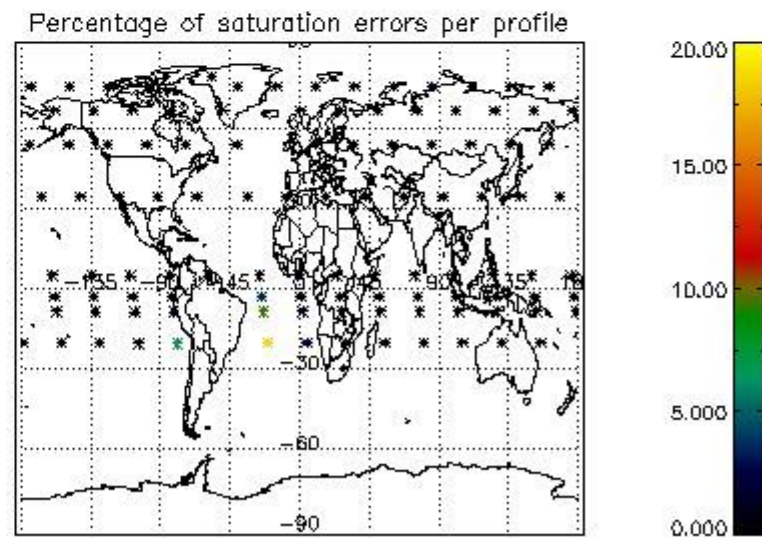
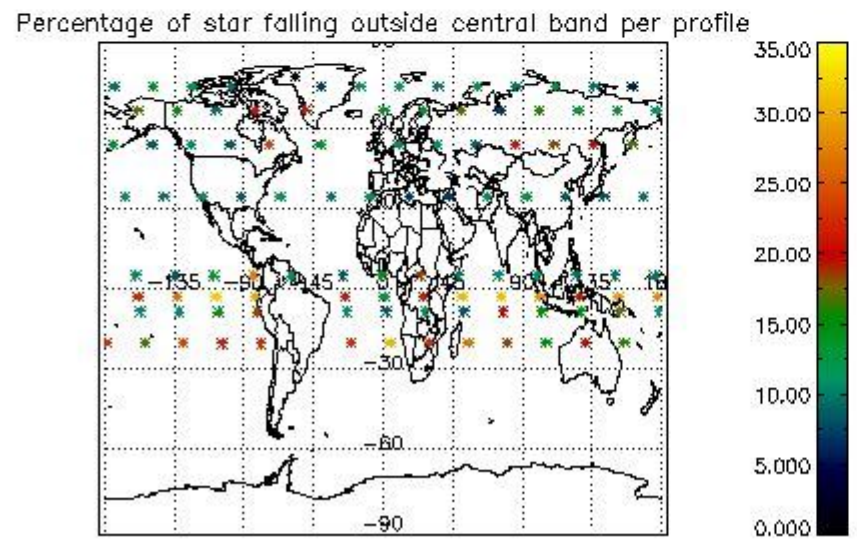
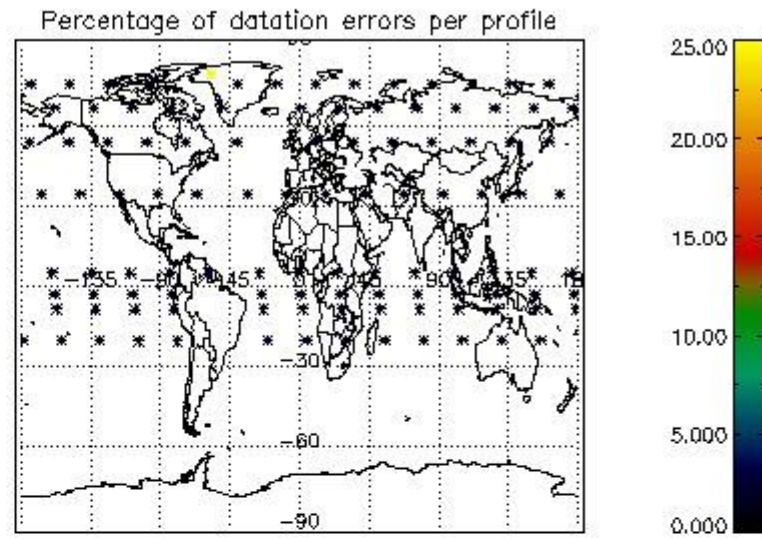
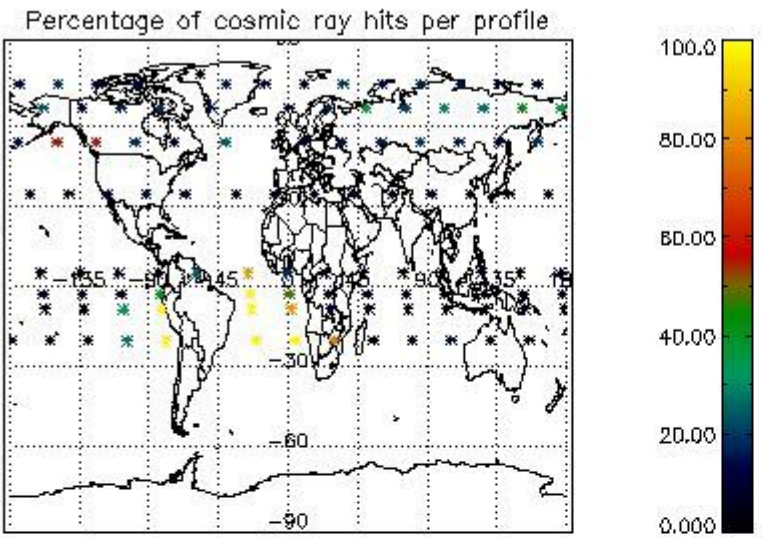
4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



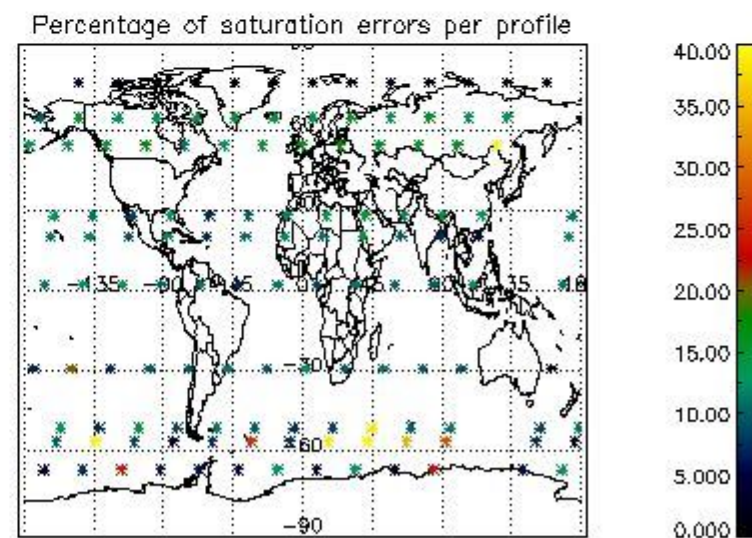
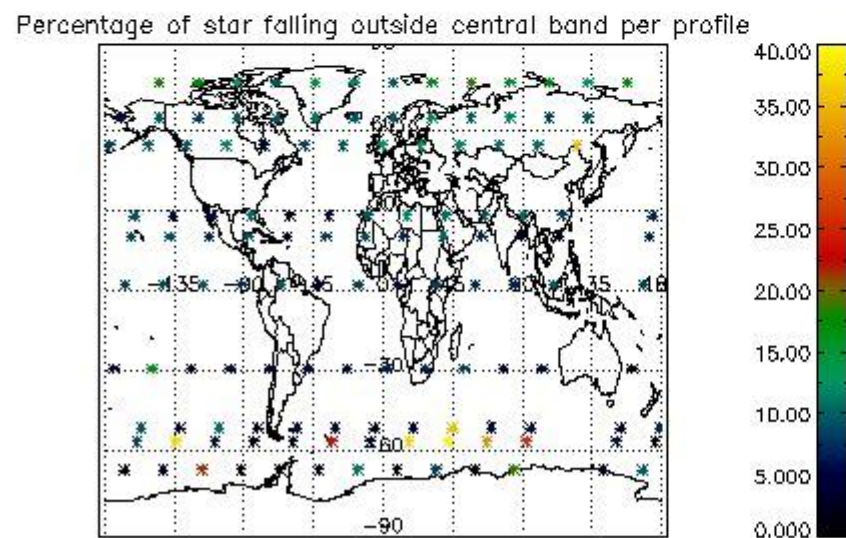
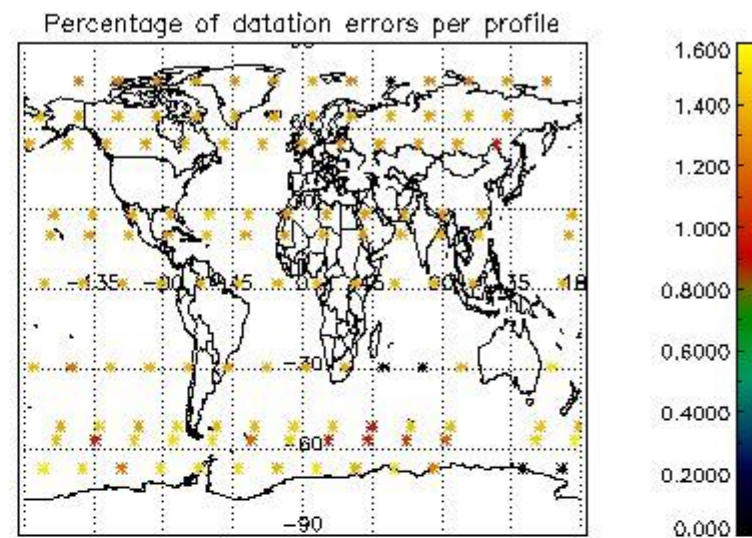
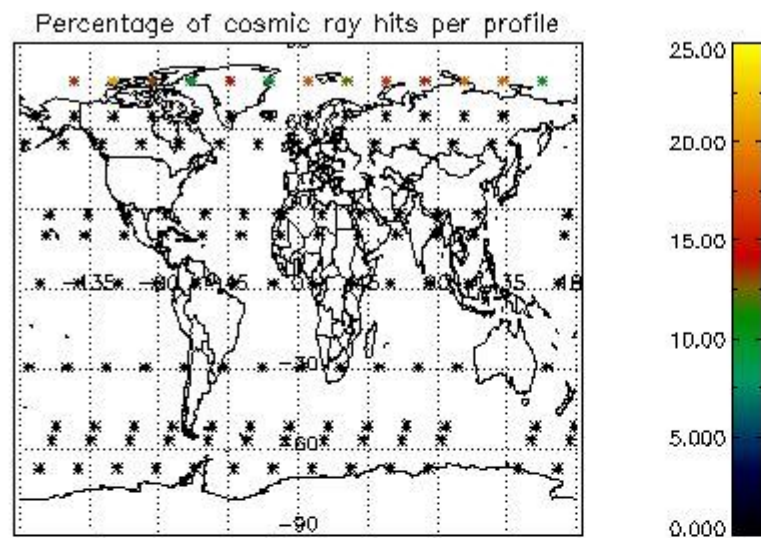
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

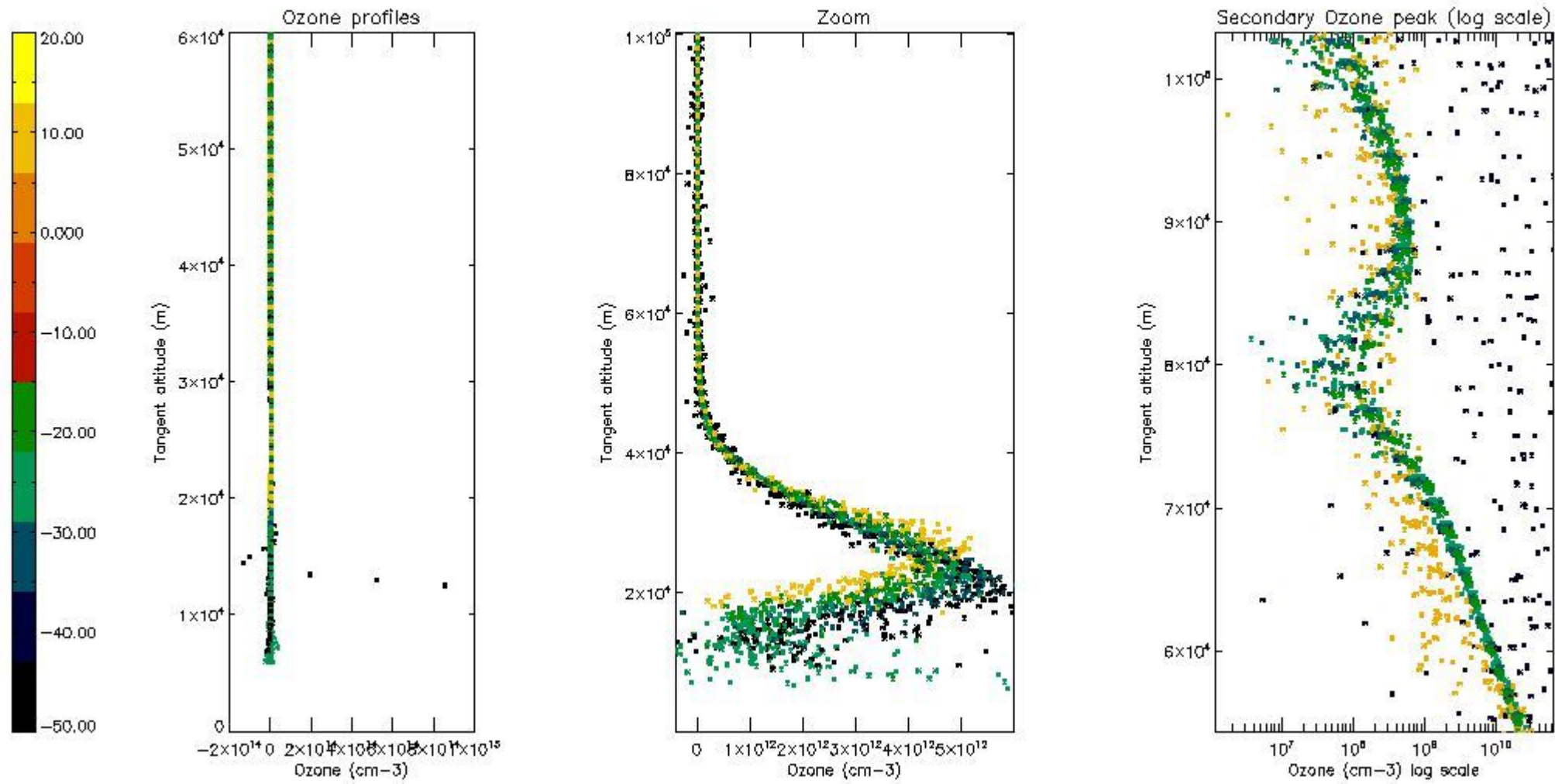
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	12
STD < 5	7

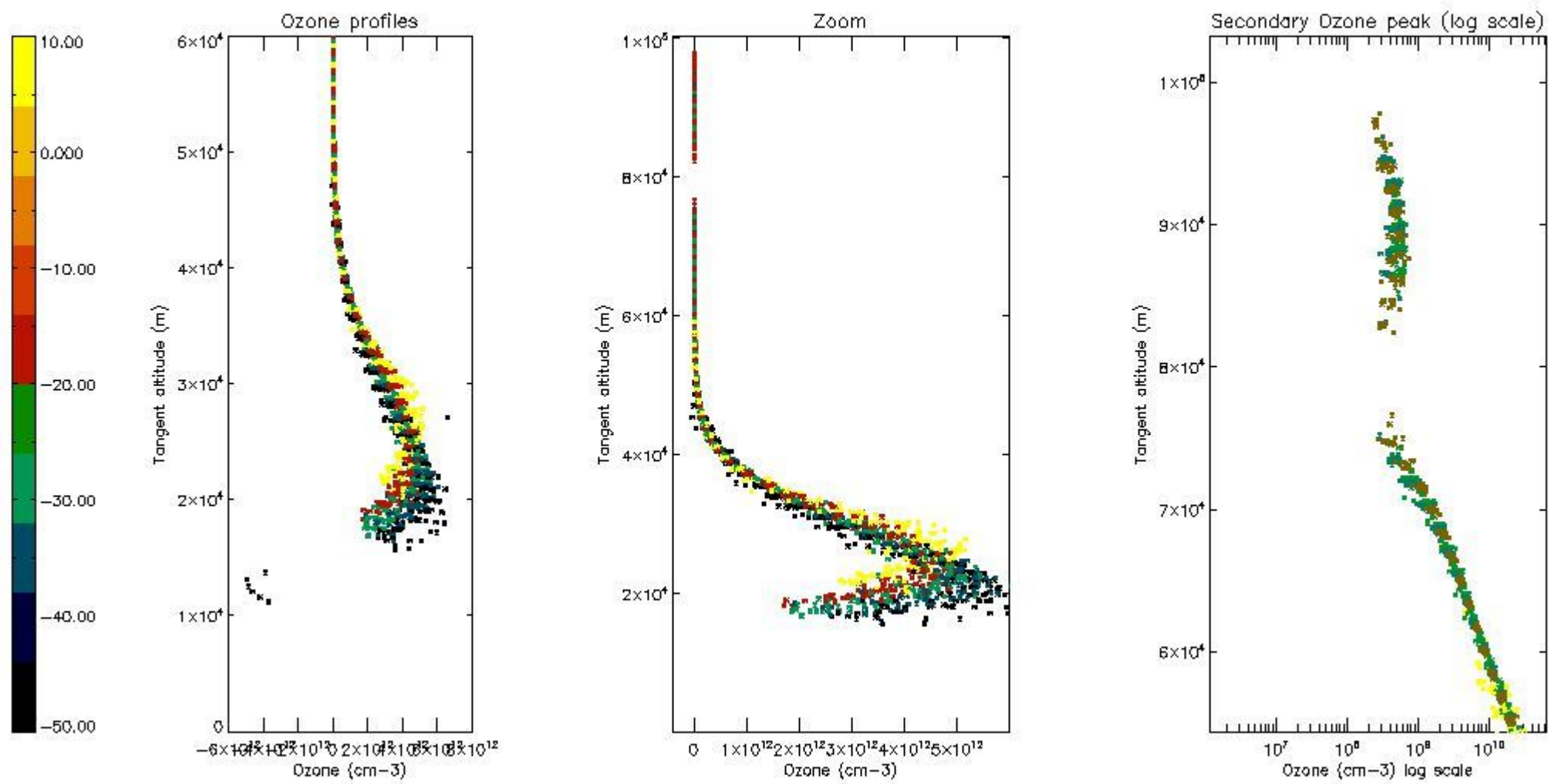
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



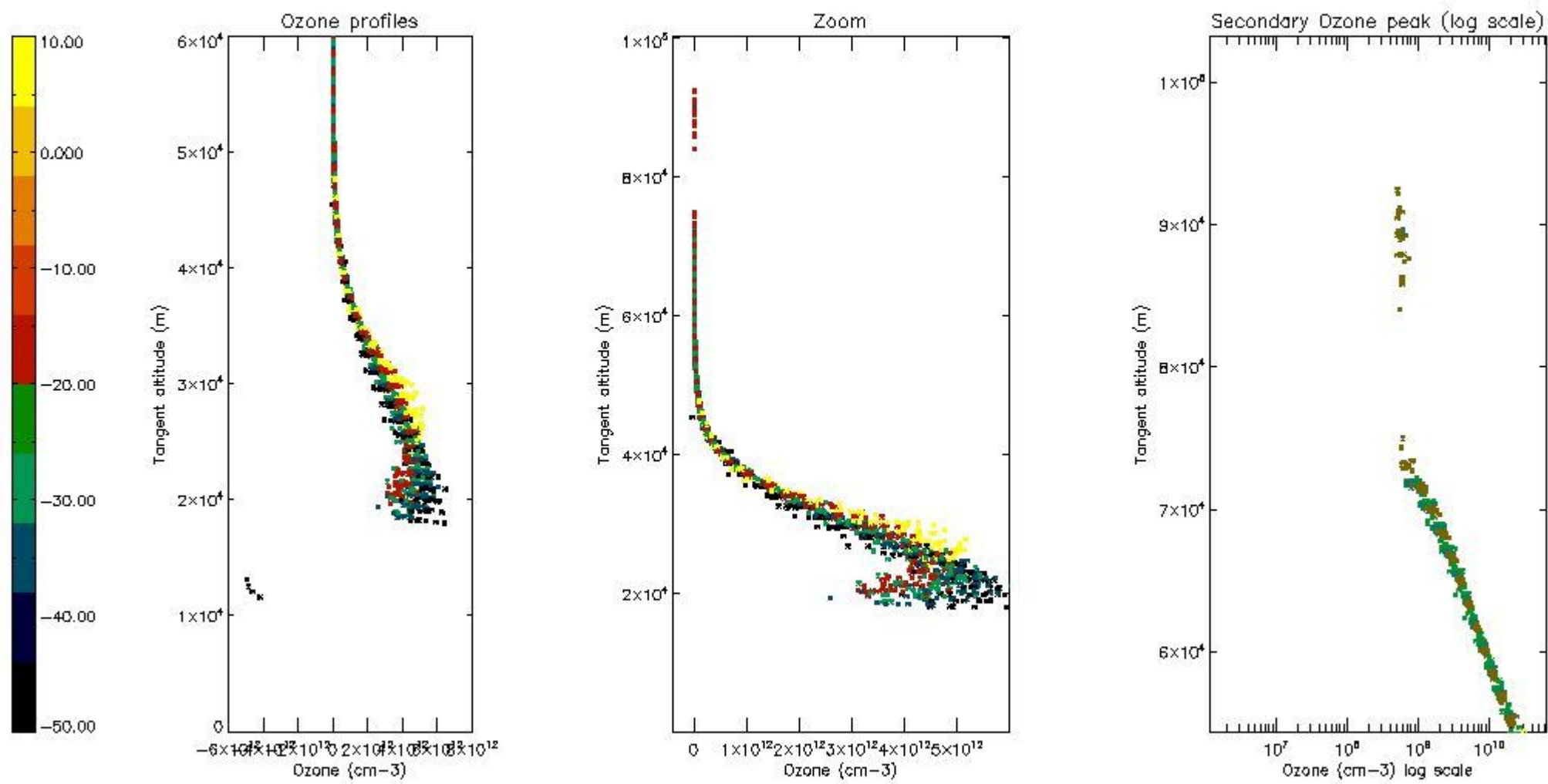
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



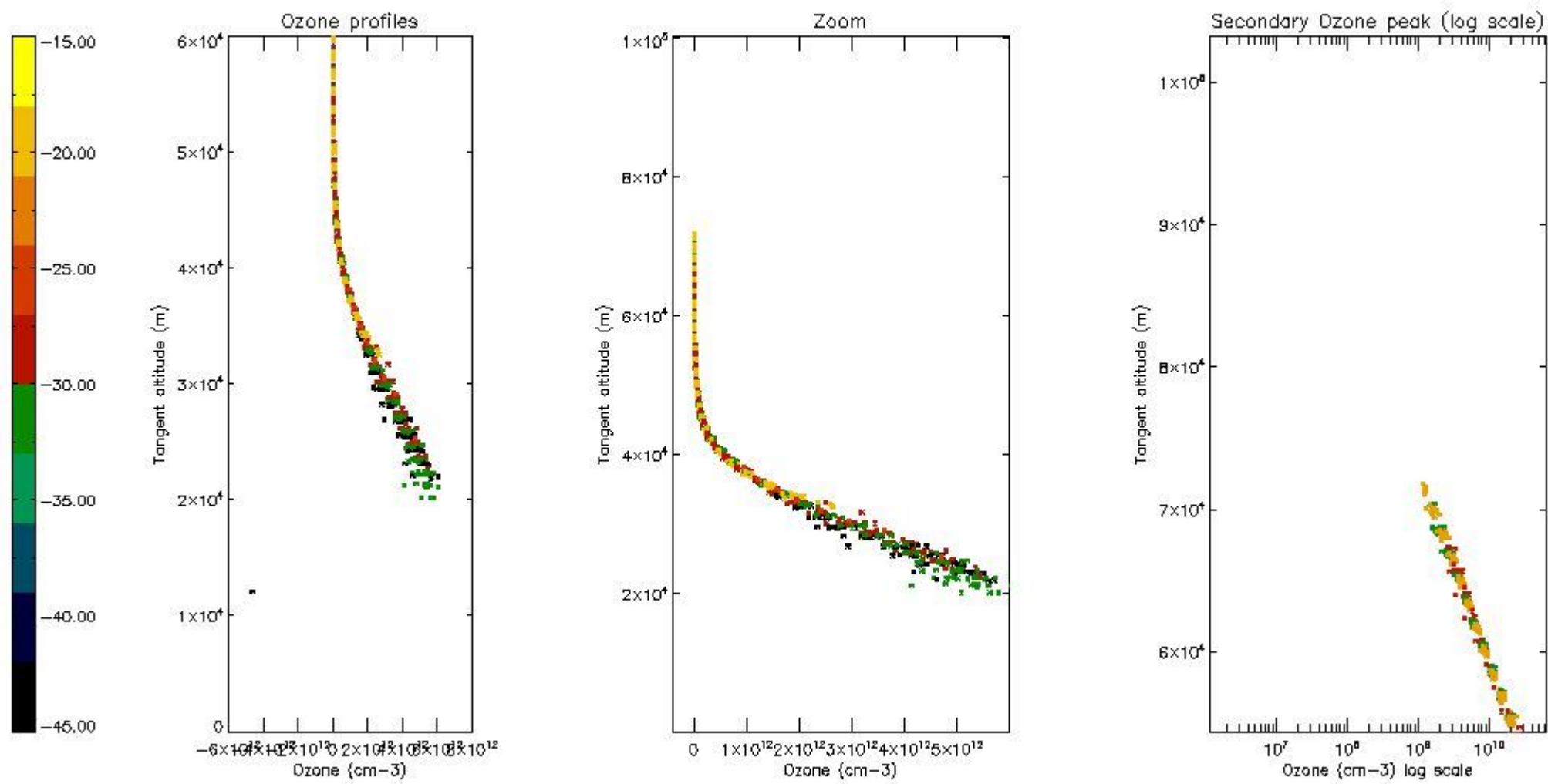
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



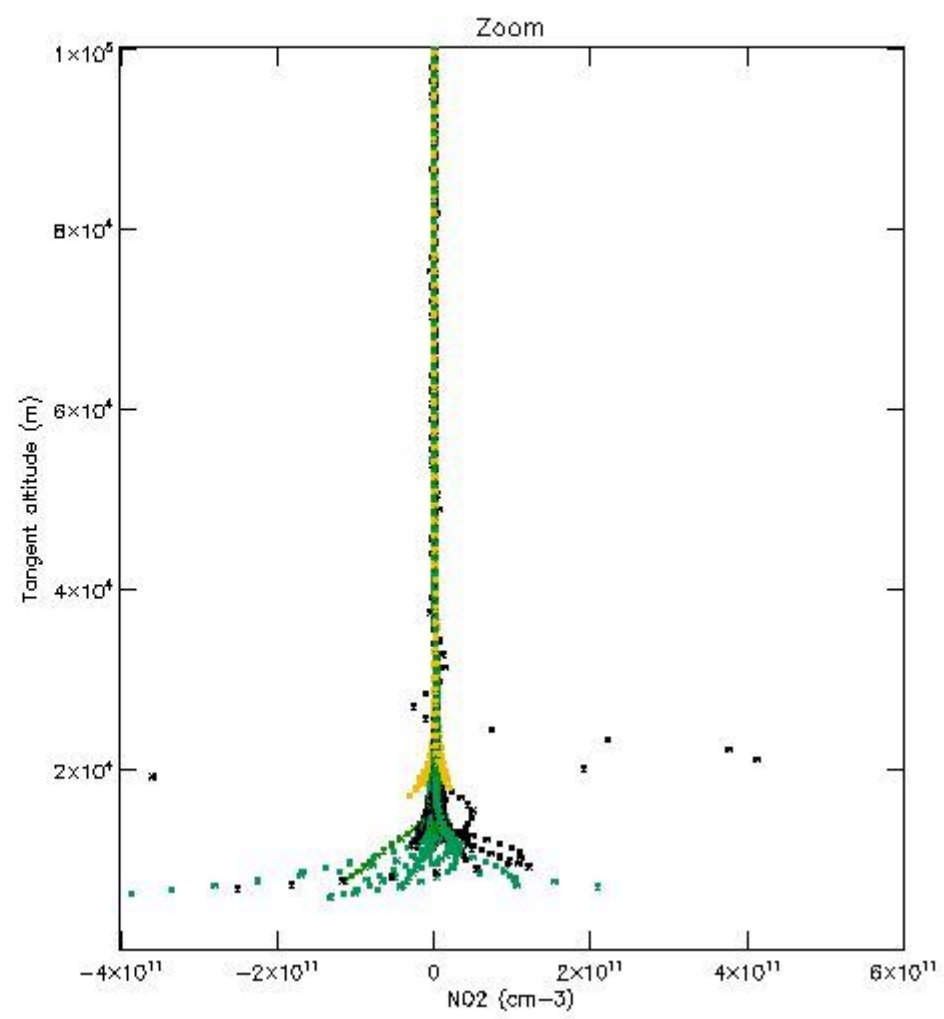
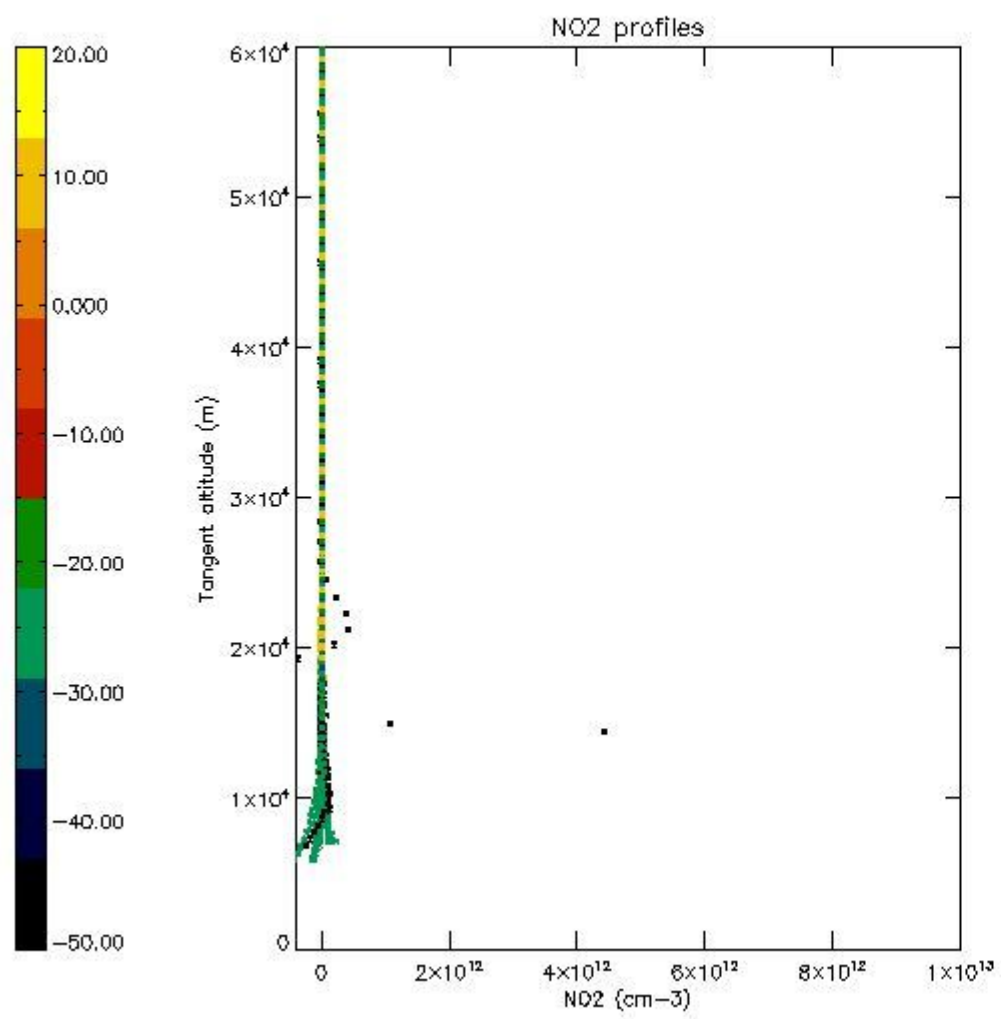
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



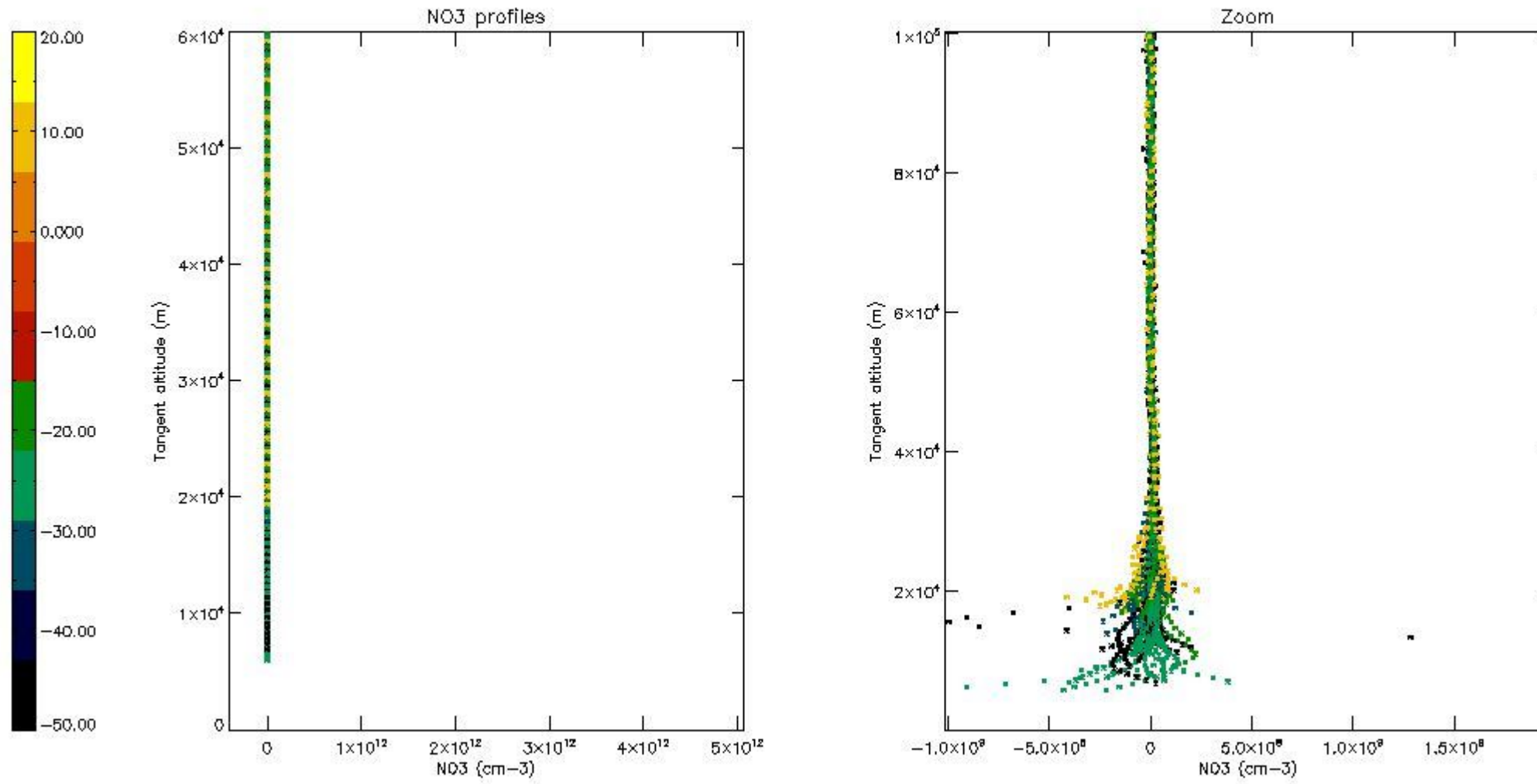
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

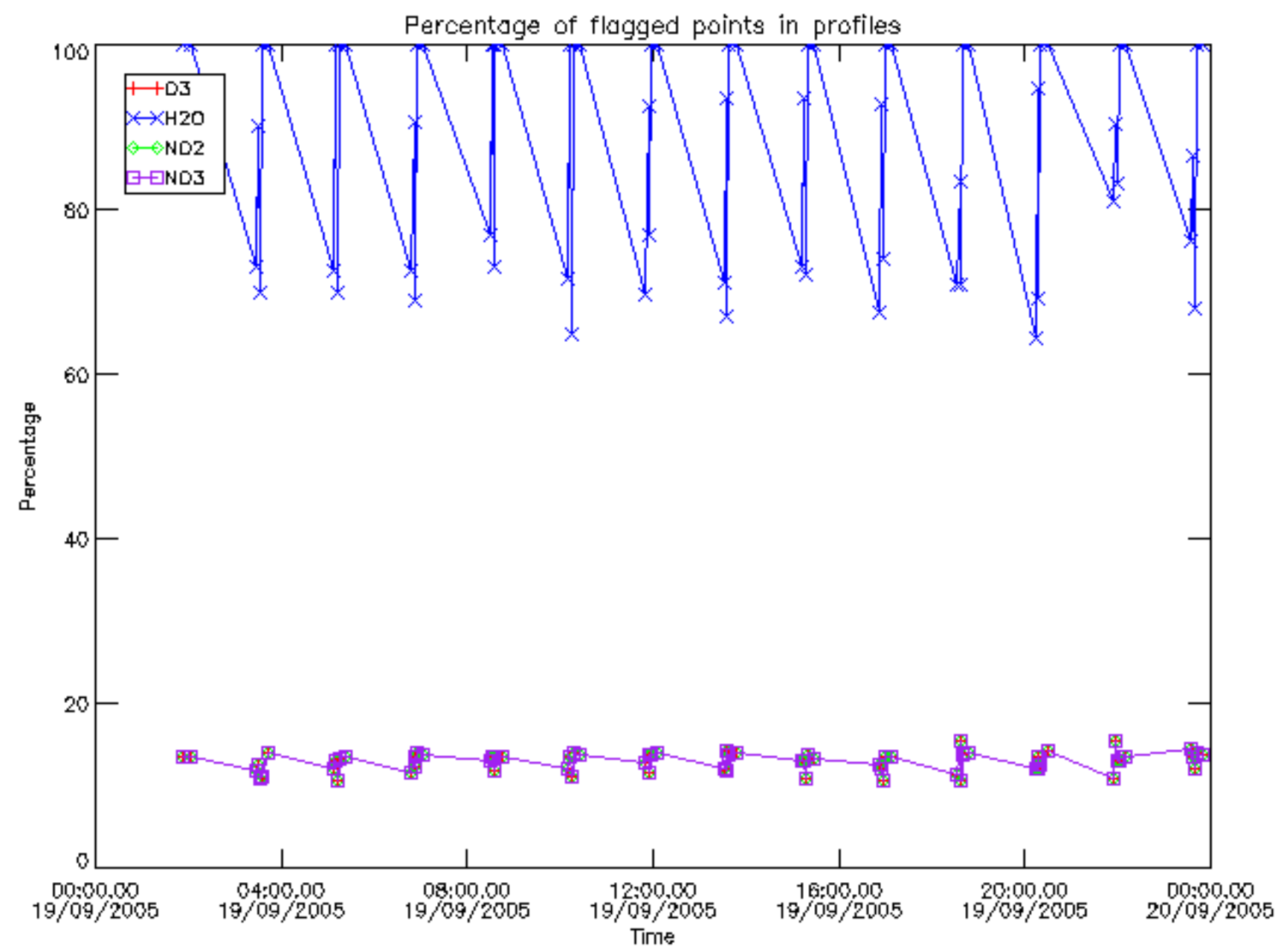
The colorbar represents the latitude.



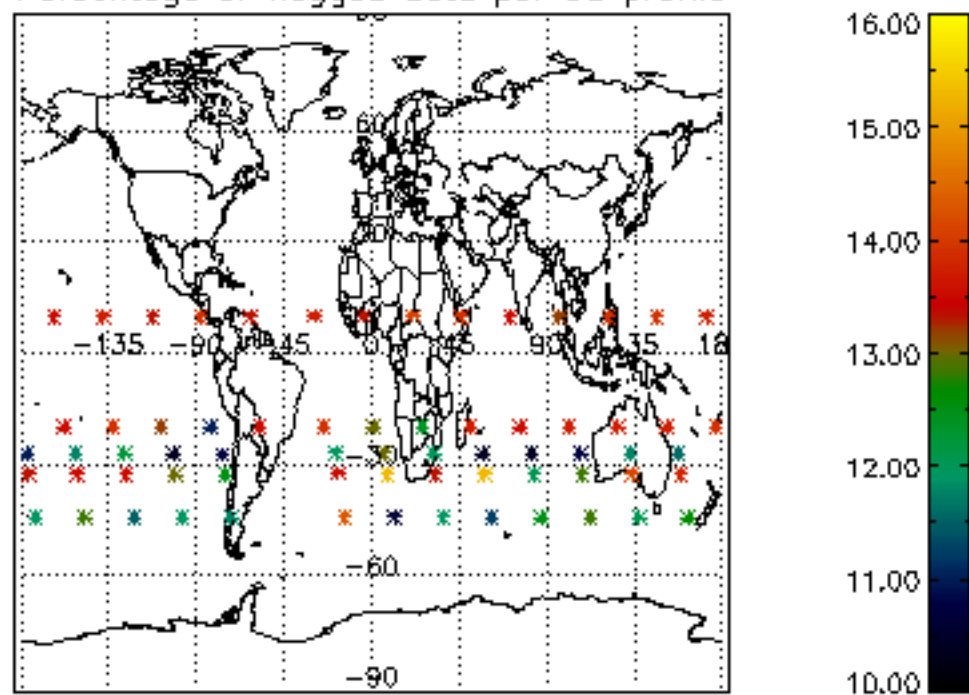
6. Auxiliary Data Files used for the production reported in section 2

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.

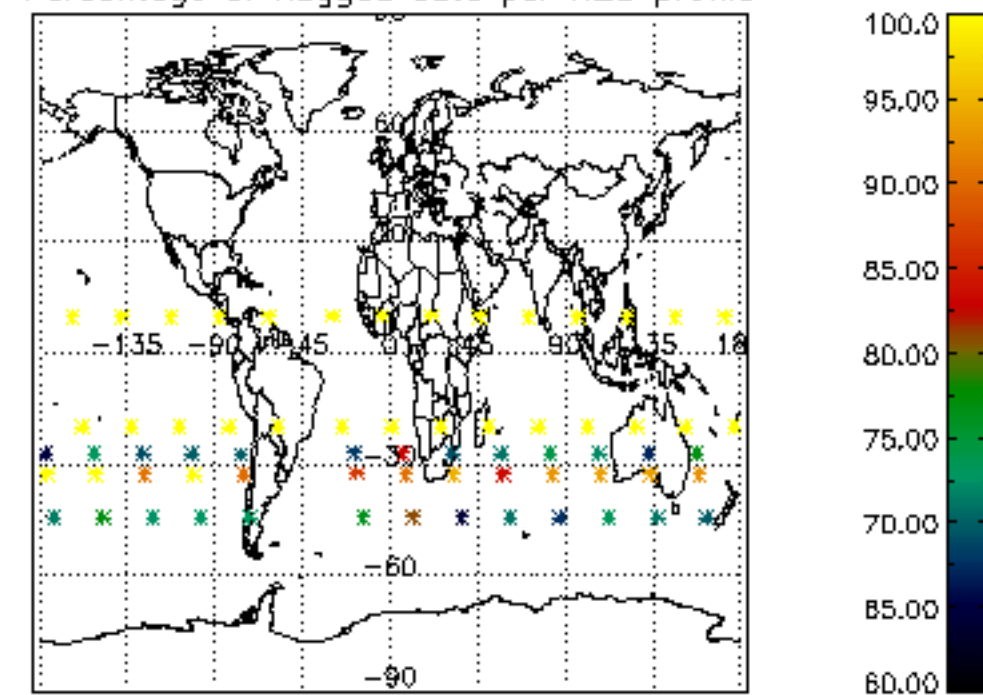
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-SEP-2005 01:53:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-SEP-2005 01:53:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-SEP-2005 01:53:50



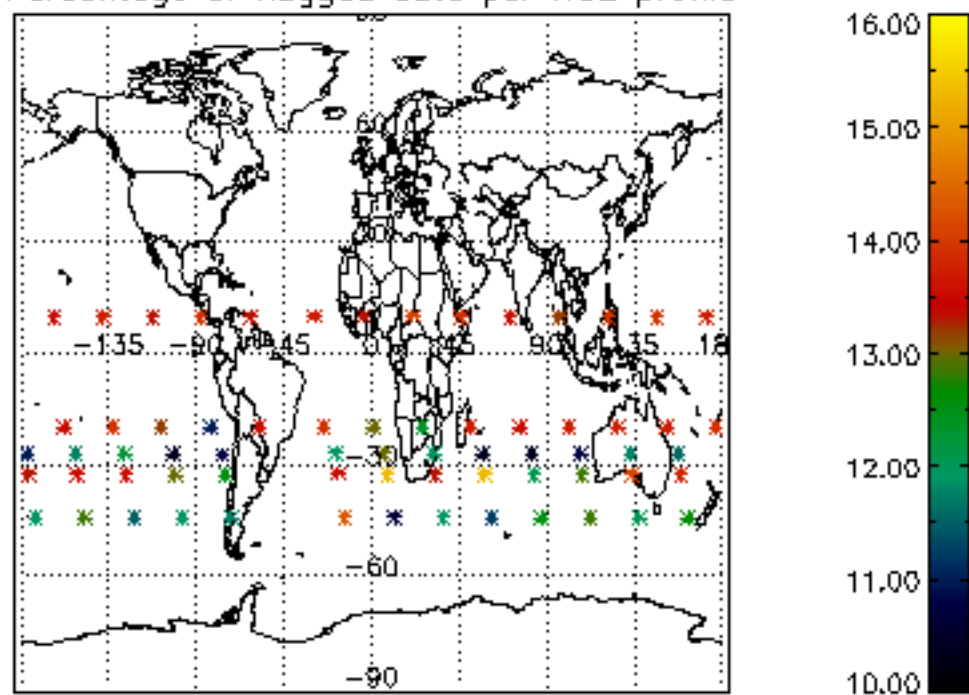
Percentage of flagged data per D3 profile



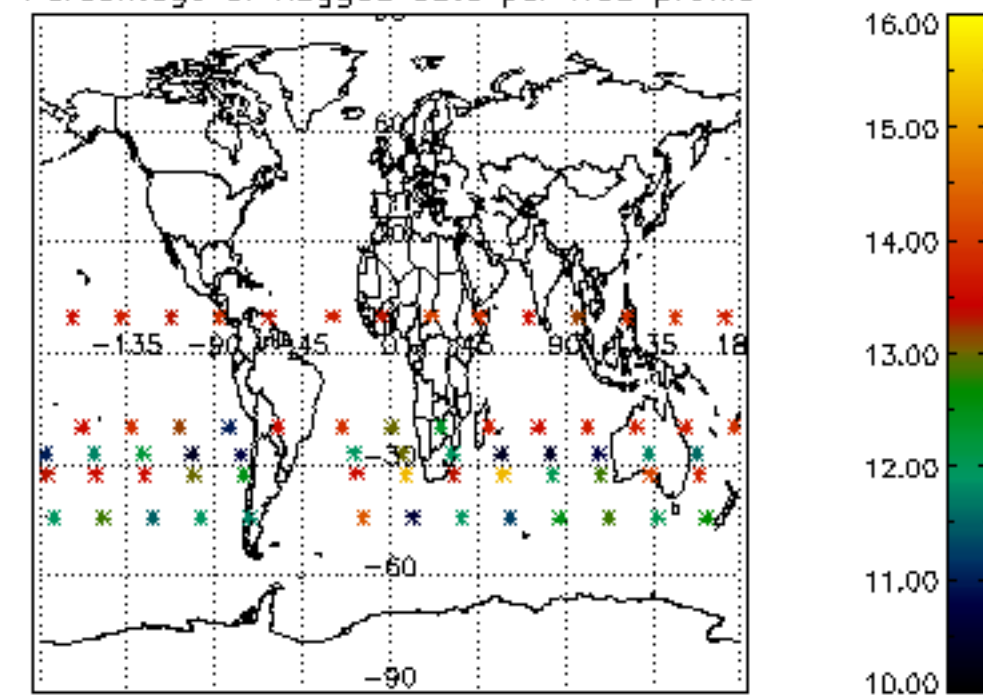
Percentage of flagged data per H2O profile

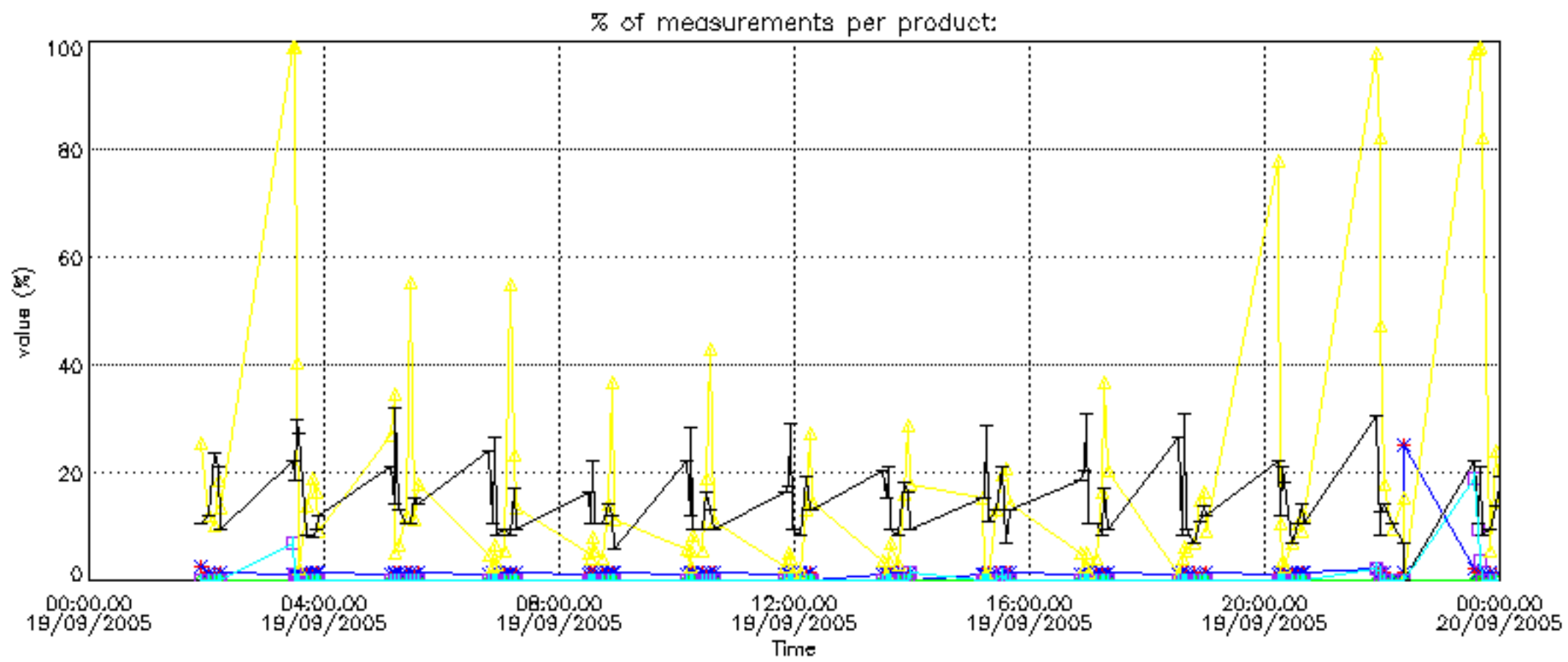


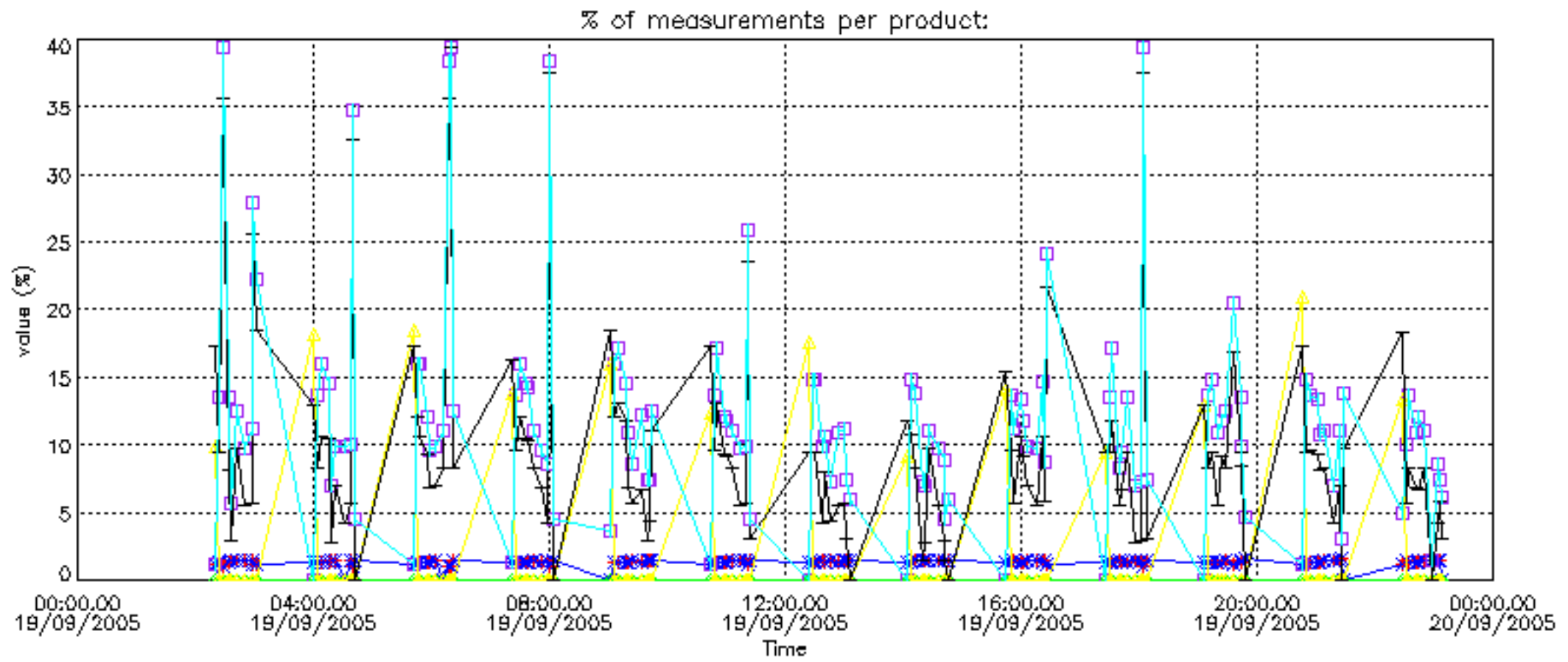
Percentage of flagged data per NO2 profile



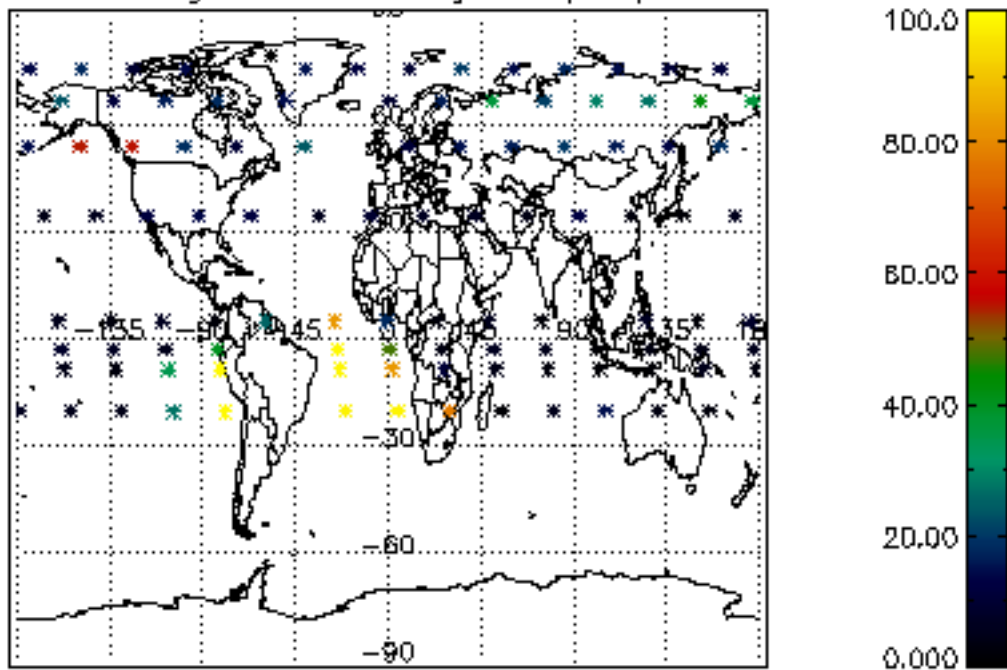
Percentage of flagged data per NO3 profile



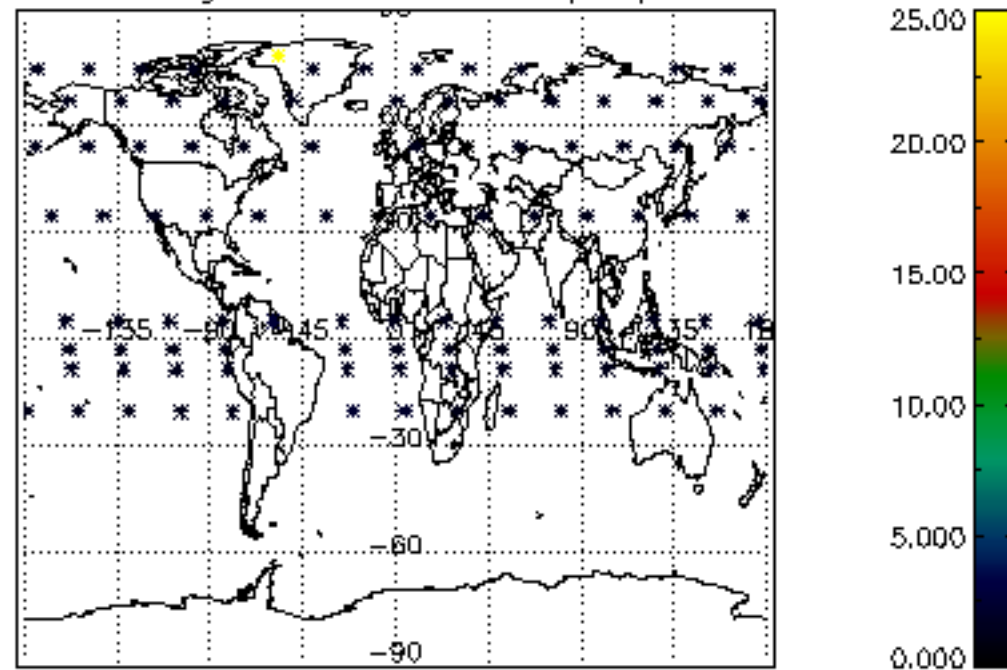




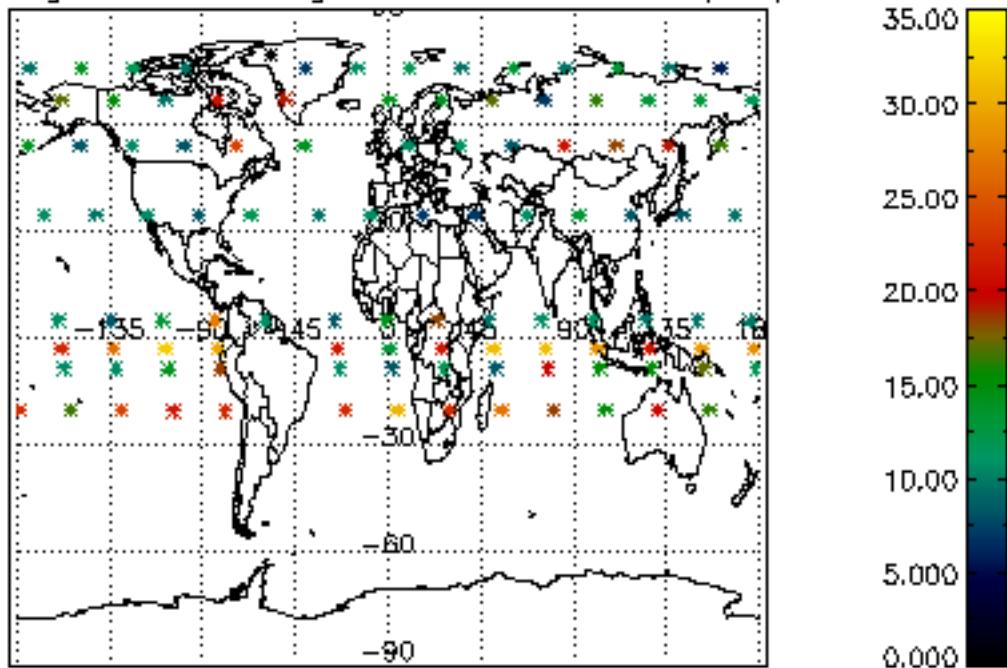
Percentage of cosmic ray hits per profile



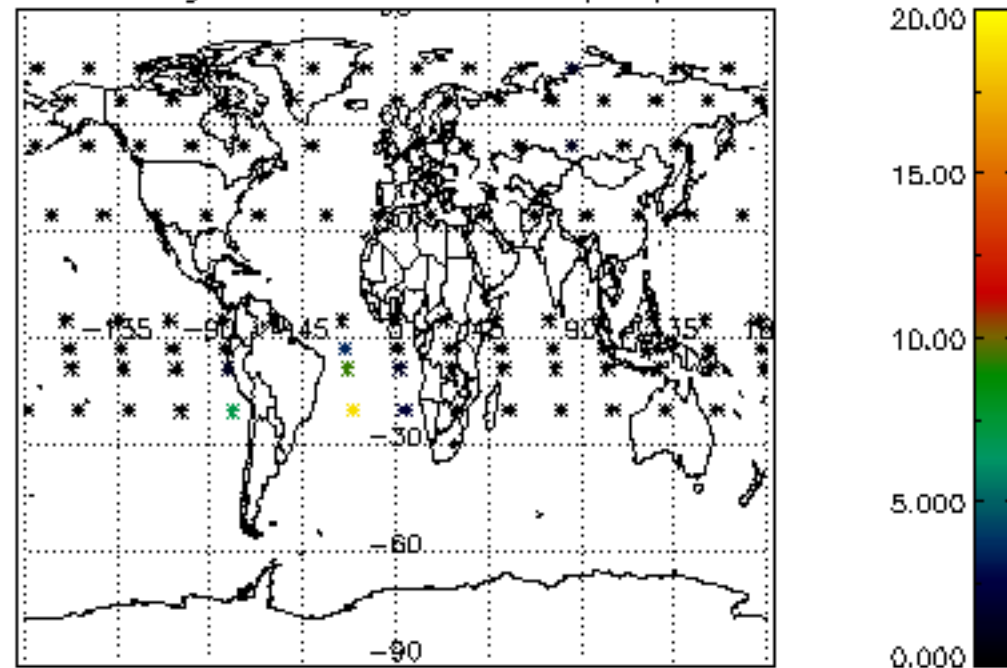
Percentage of datation errors per profile



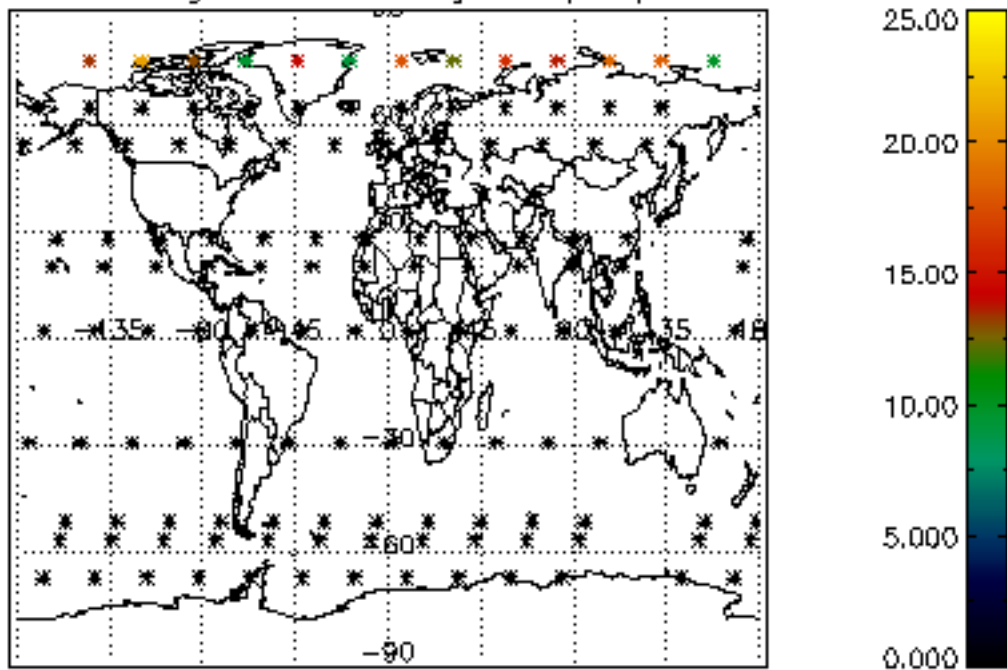
Percentage of star falling outside central band per profile



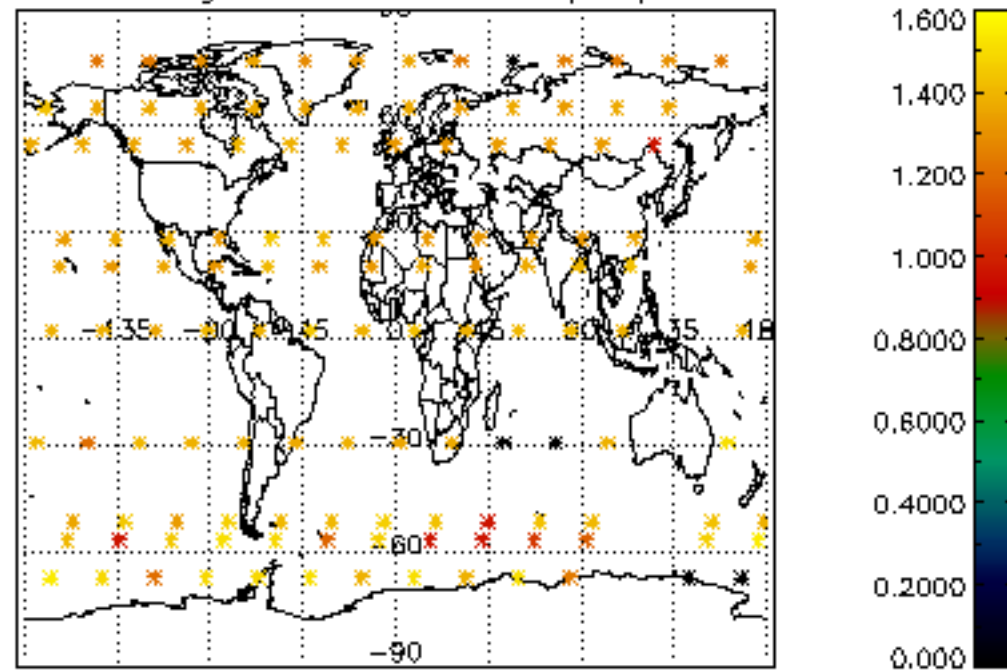
Percentage of saturation errors per profile



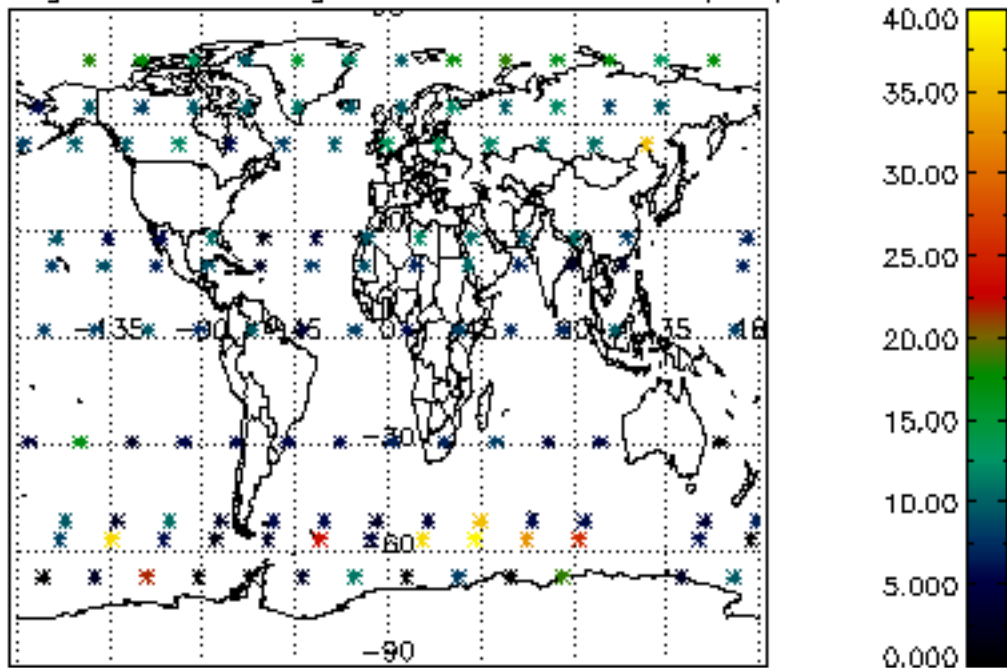
Percentage of cosmic ray hits per profile



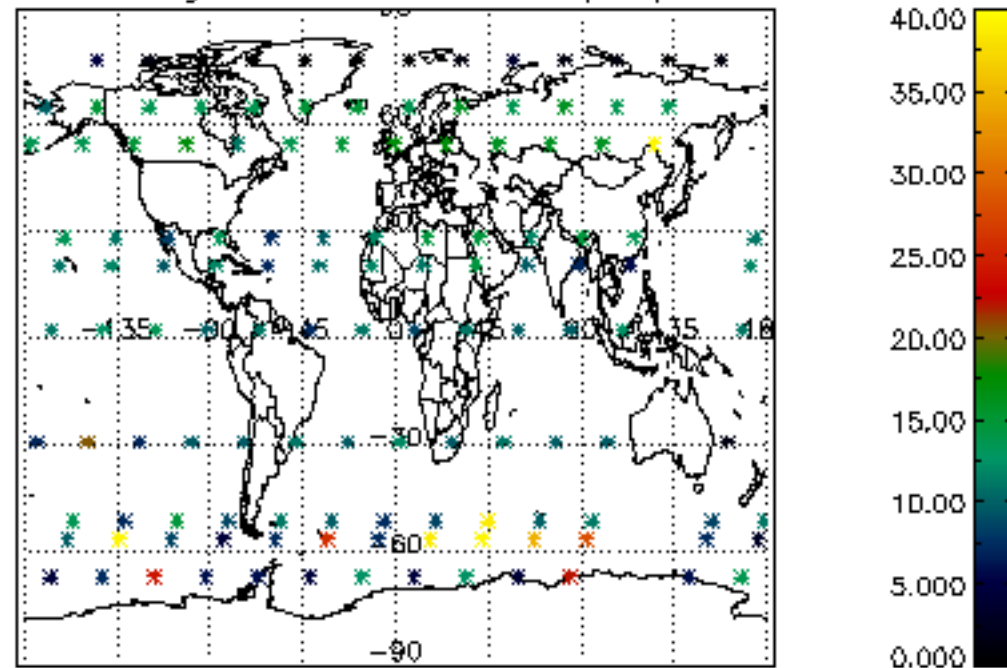
Percentage of datation errors per profile

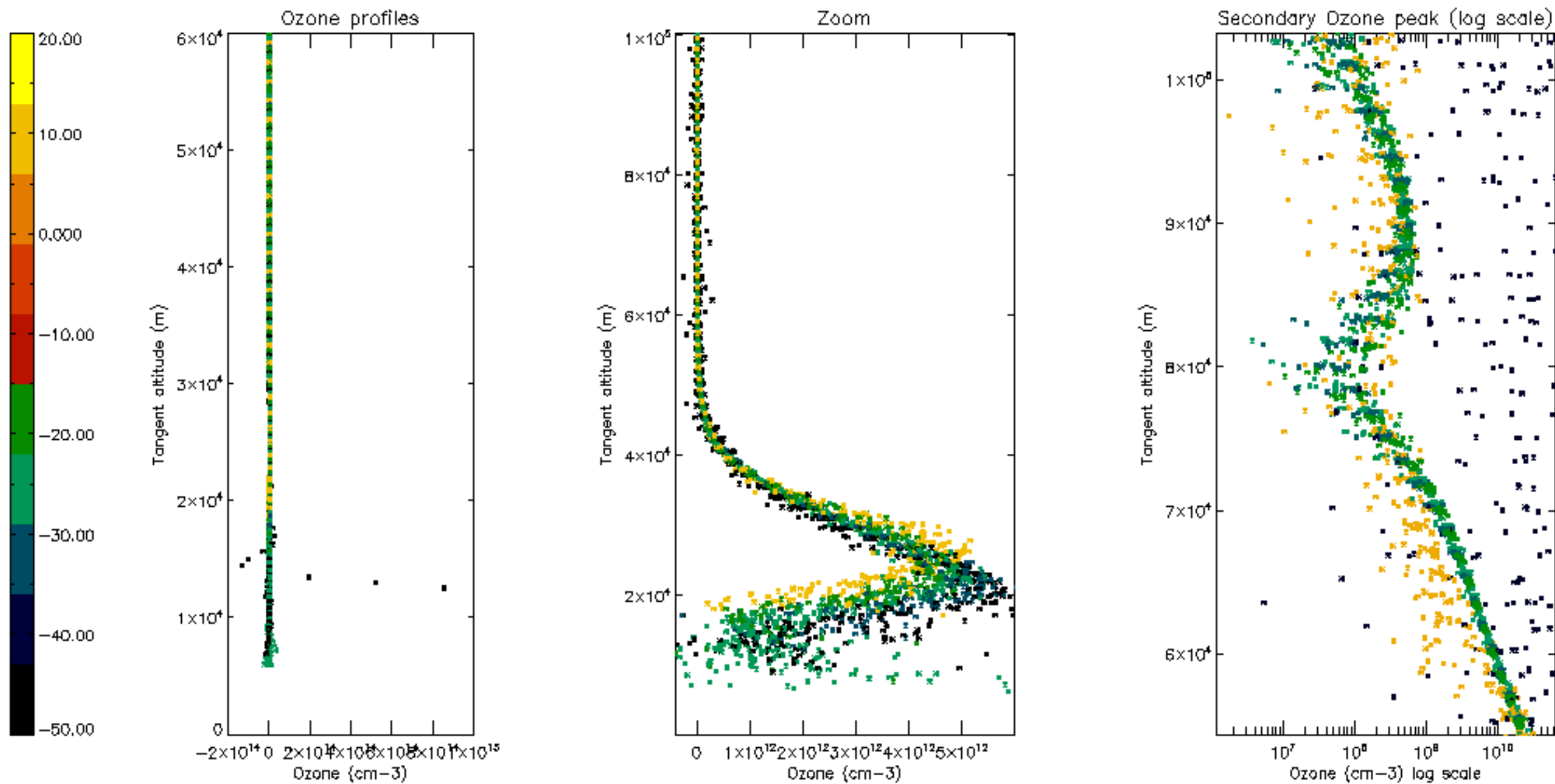


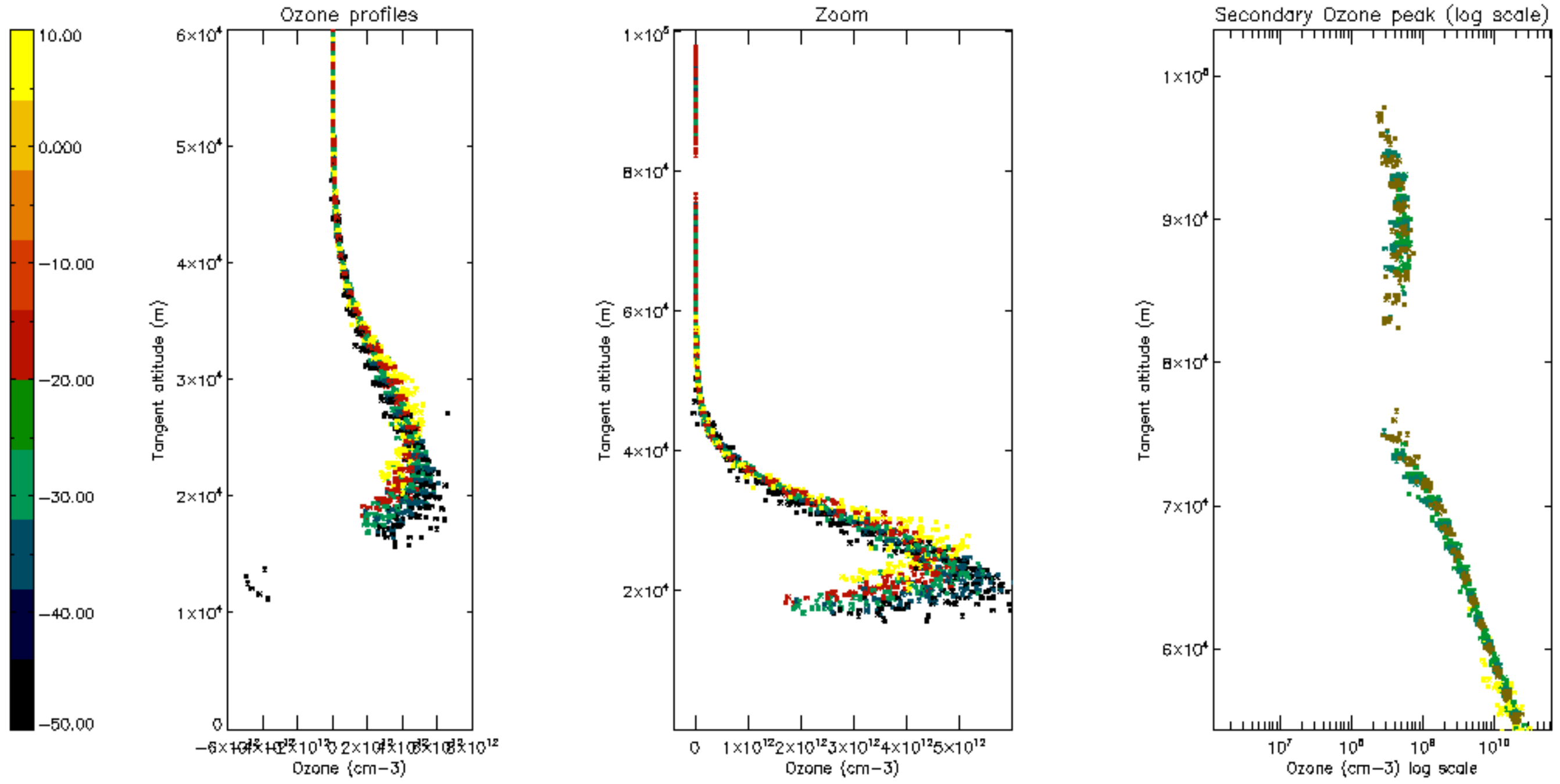
Percentage of star falling outside central band per profile

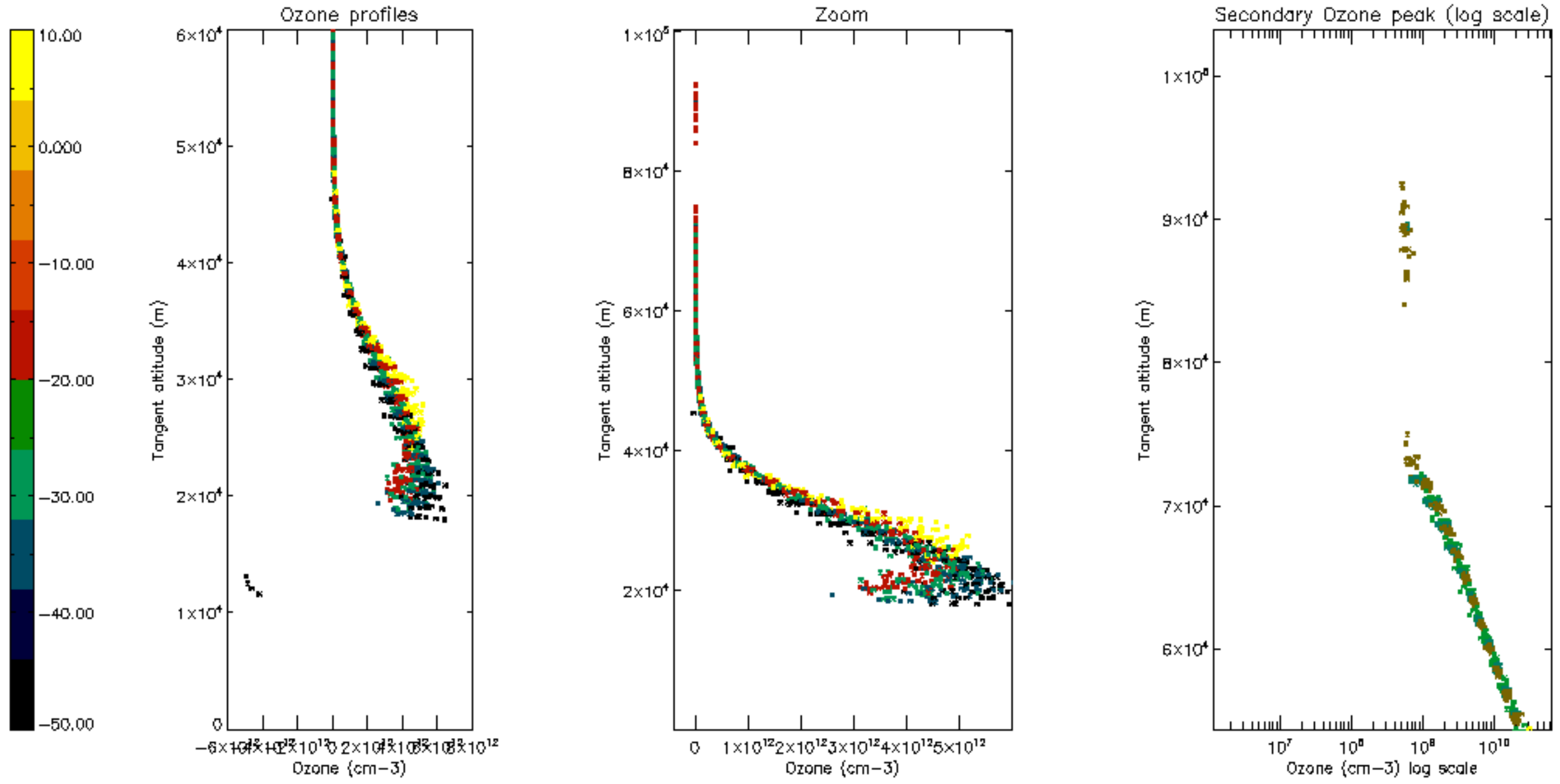


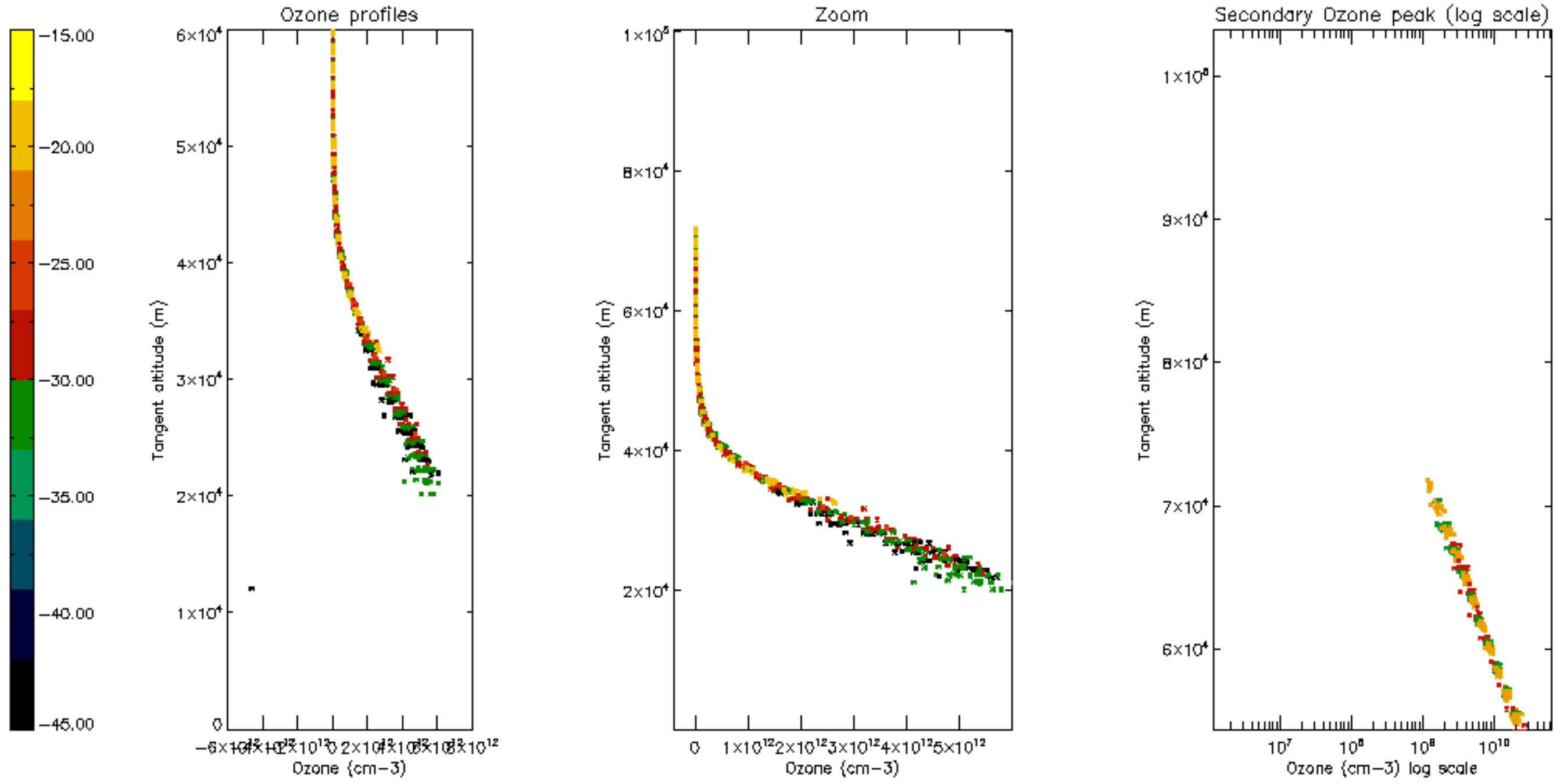
Percentage of saturation errors per profile

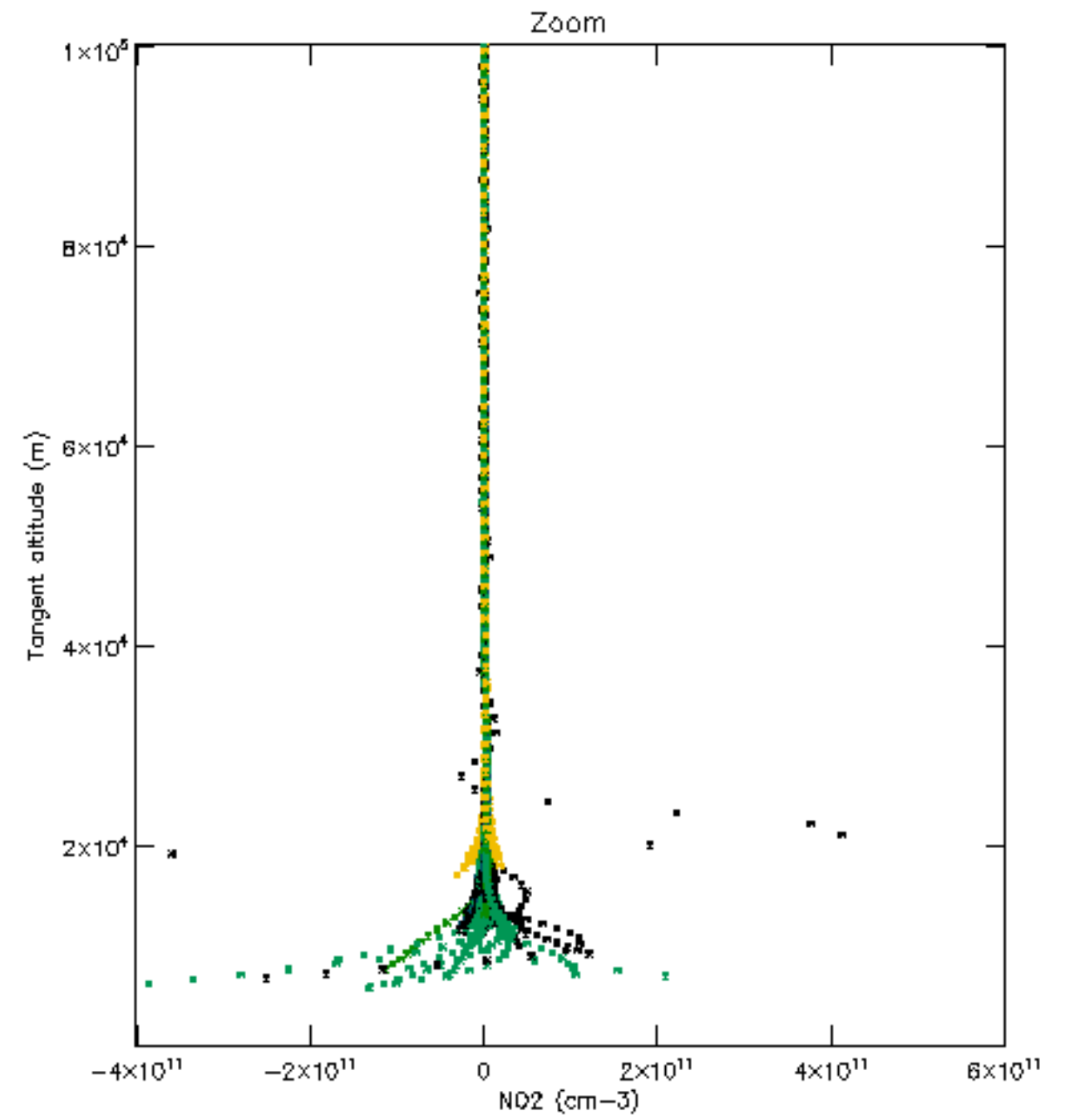
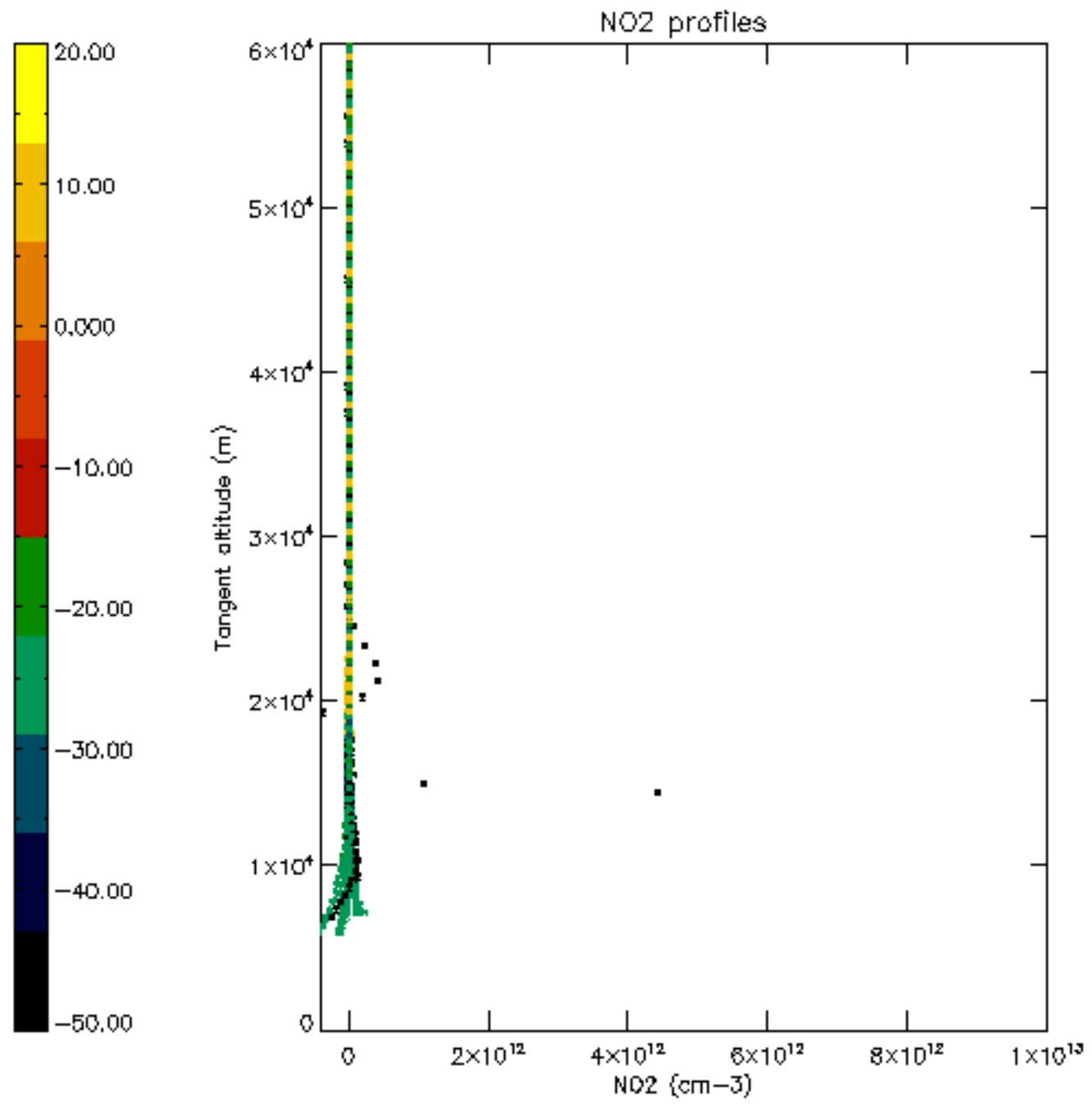


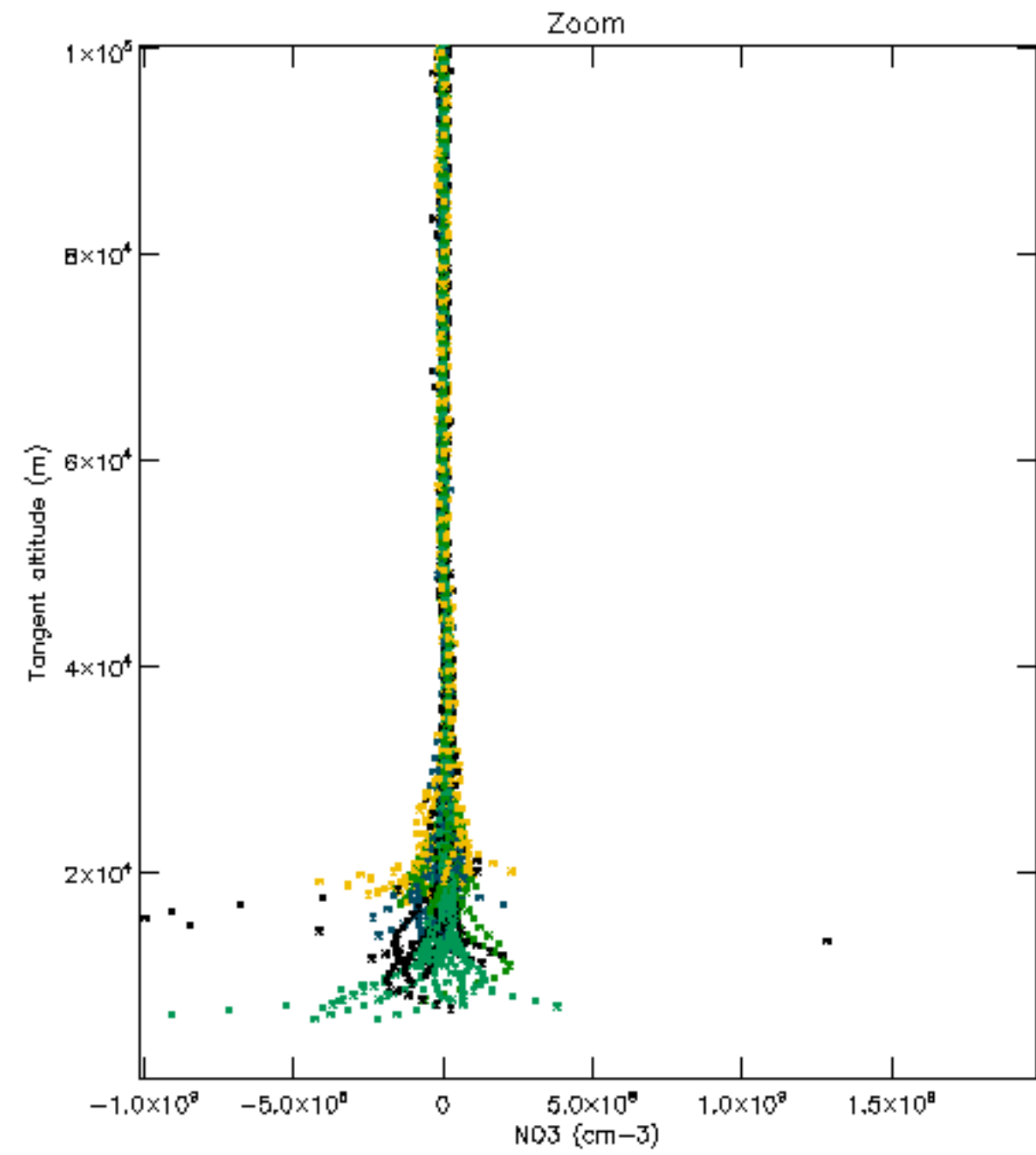
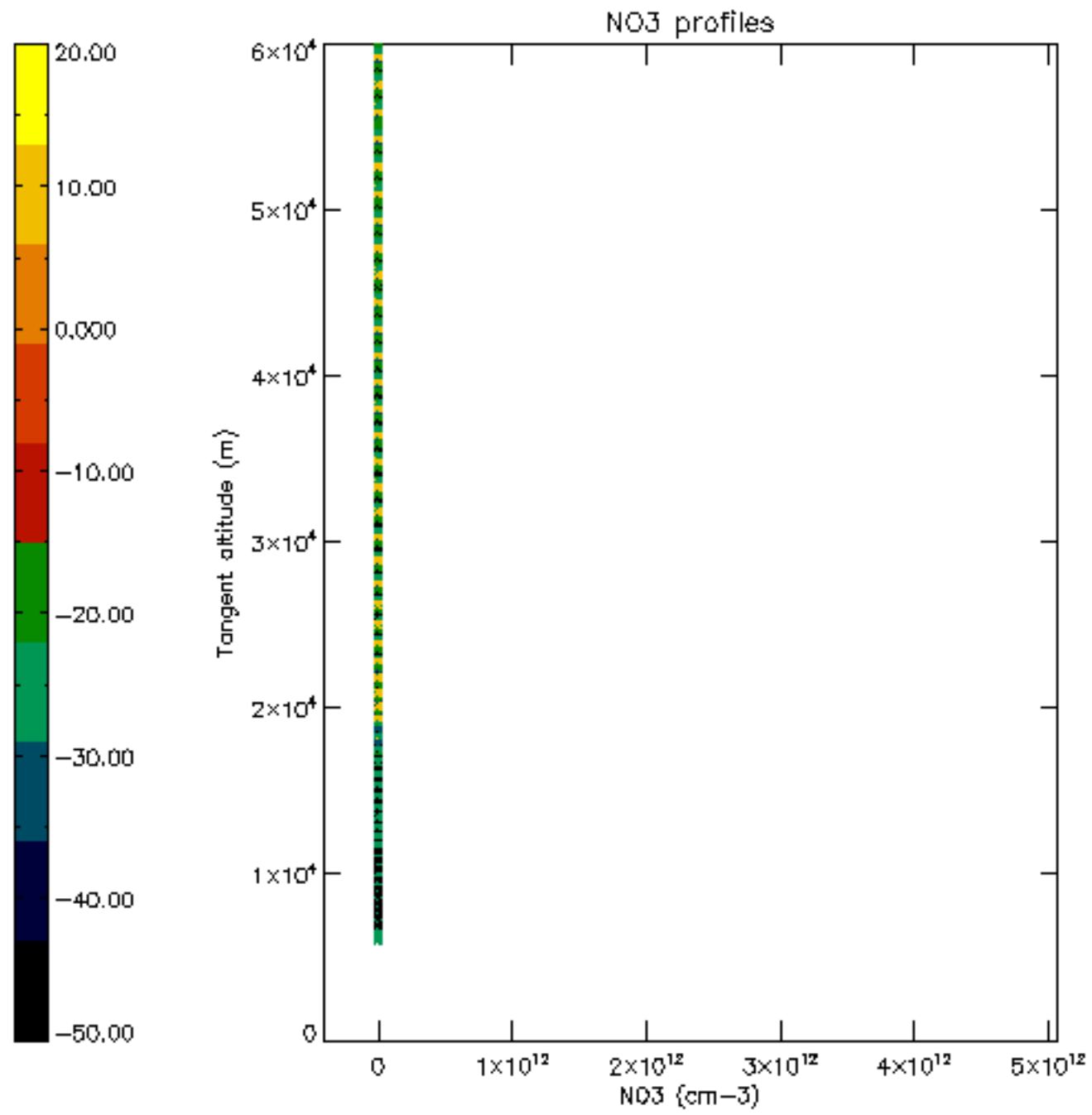


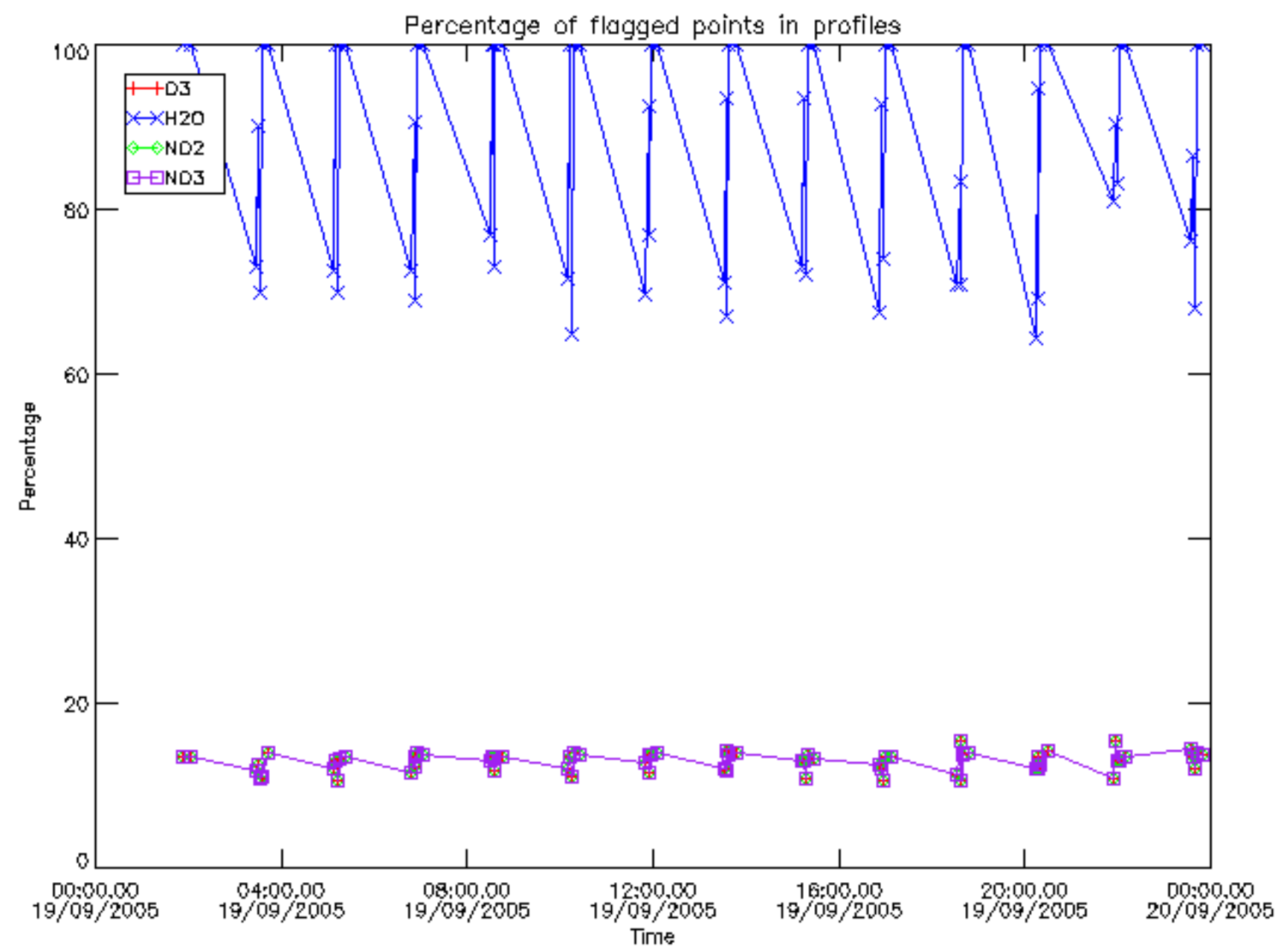




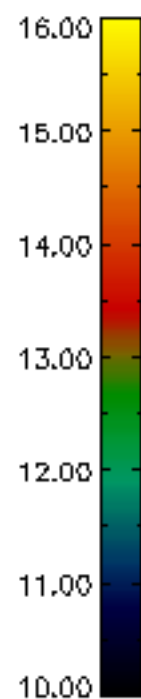
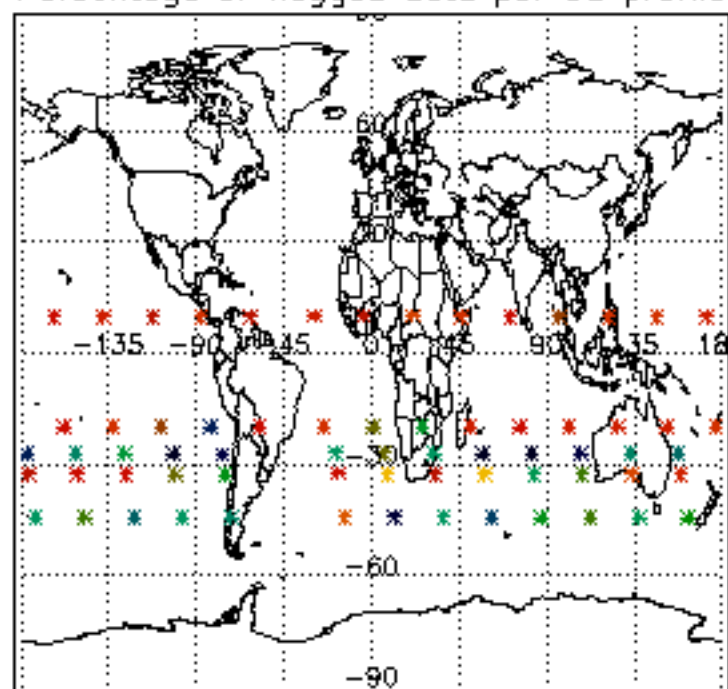




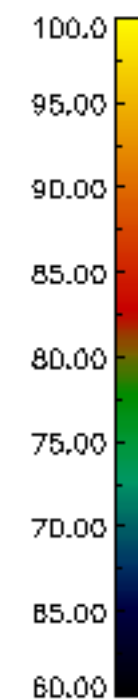
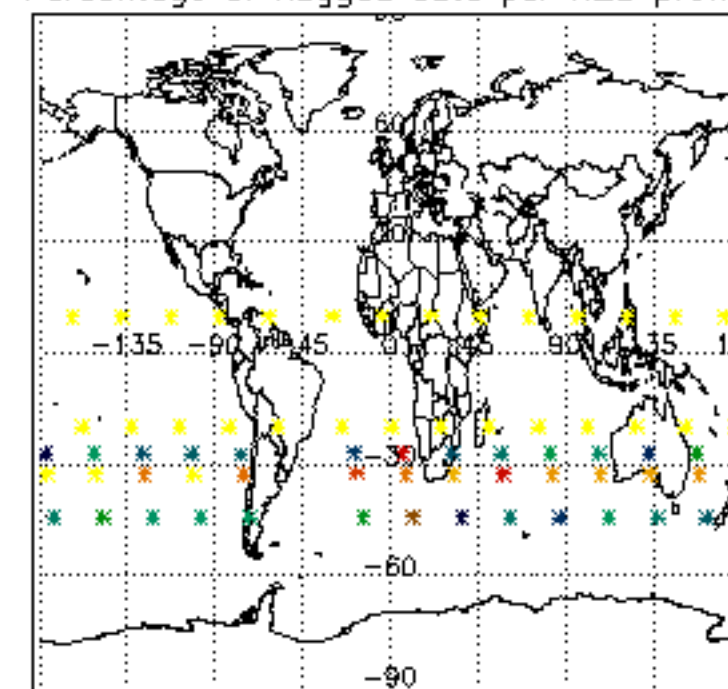




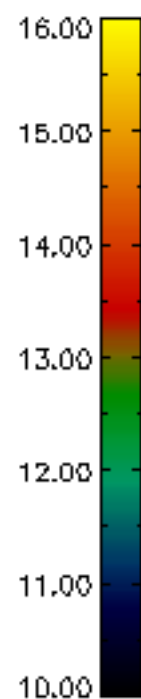
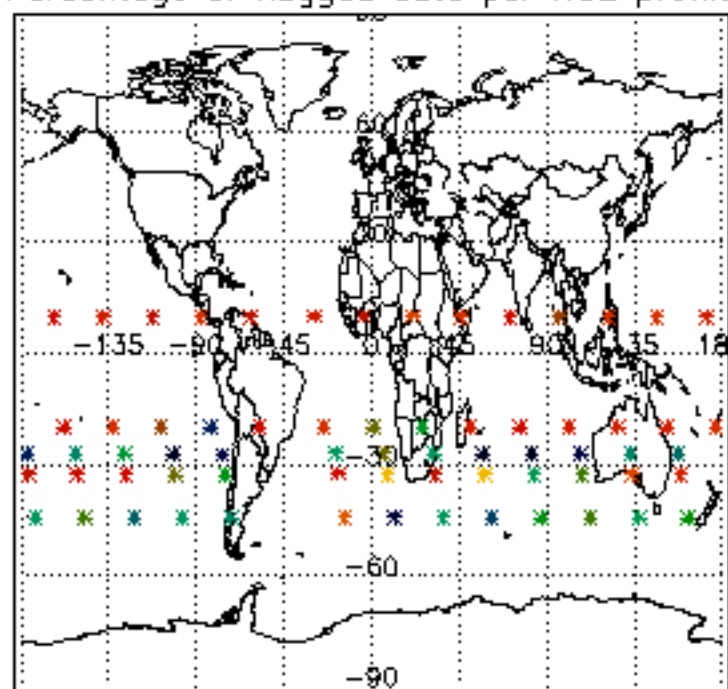
Percentage of flagged data per D3 profile



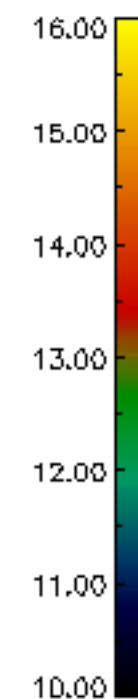
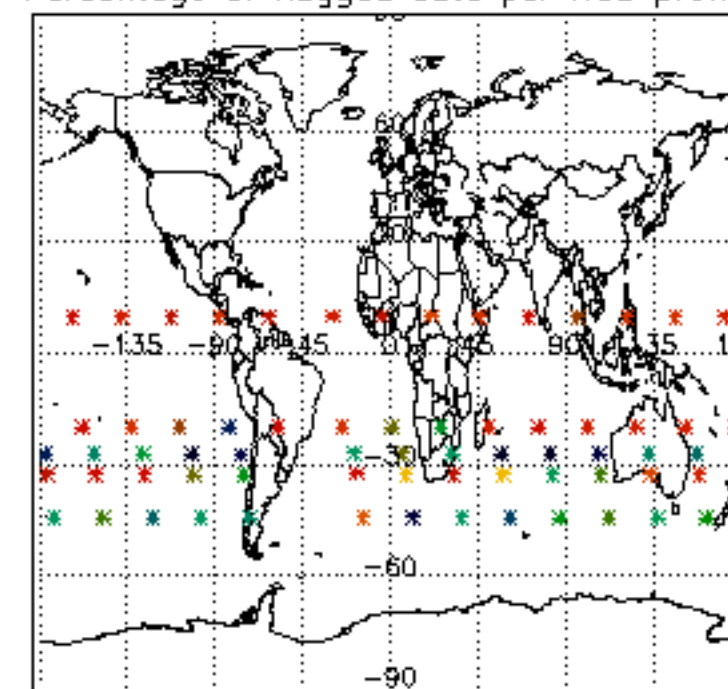
Percentage of flagged data per H2O profile

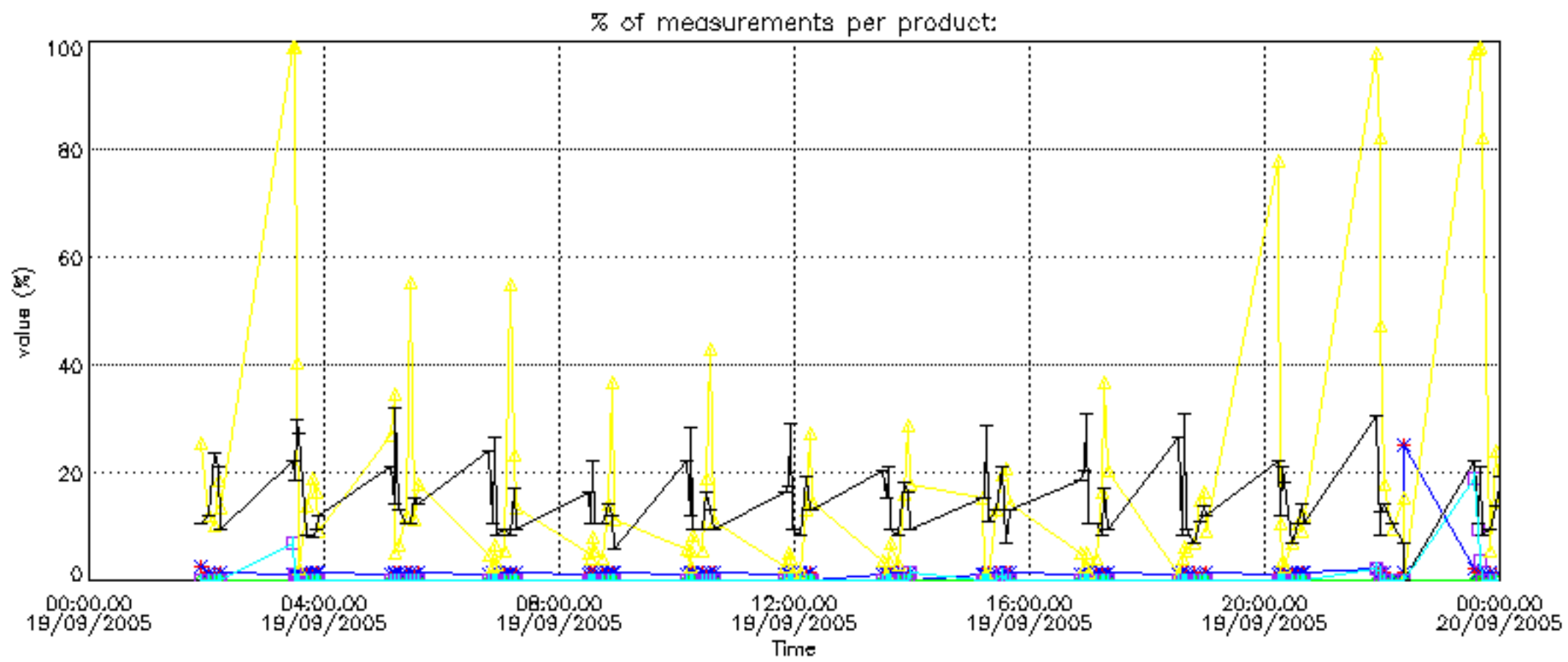


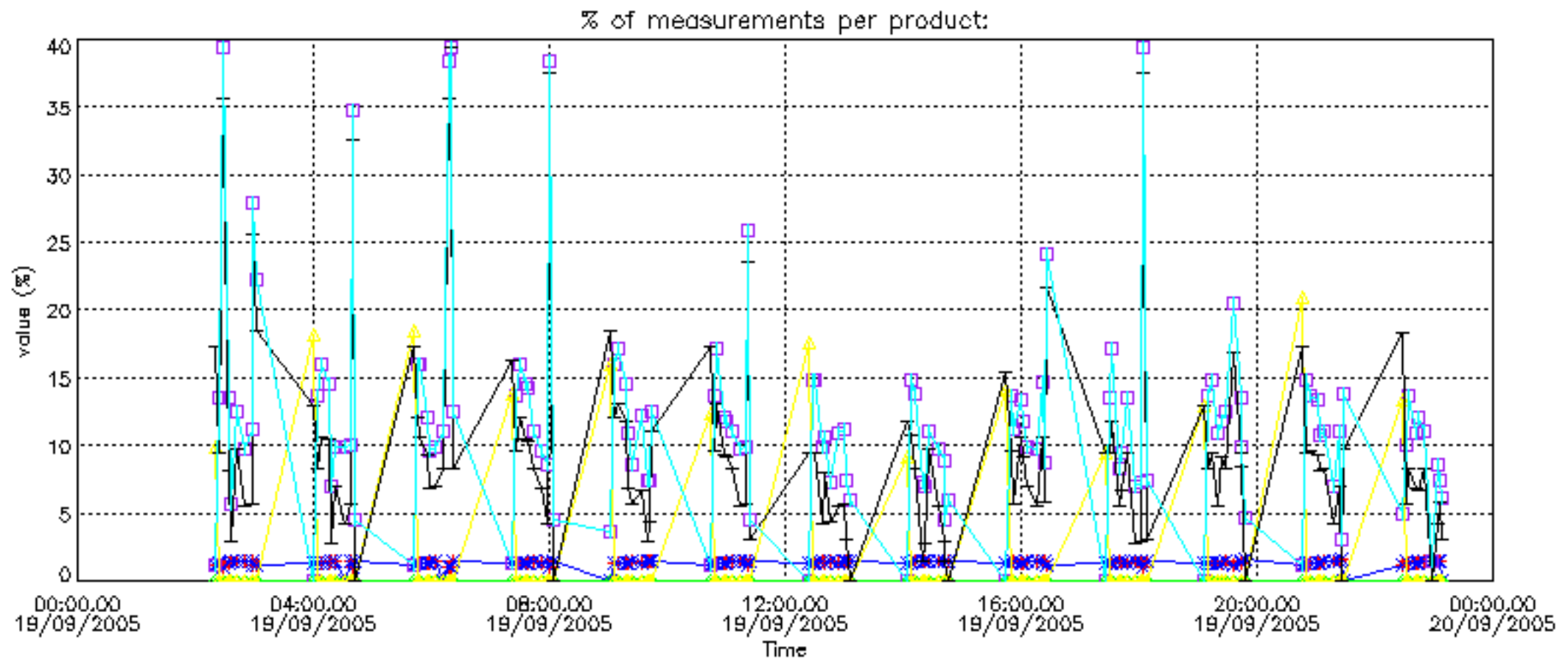
Percentage of flagged data per NO2 profile



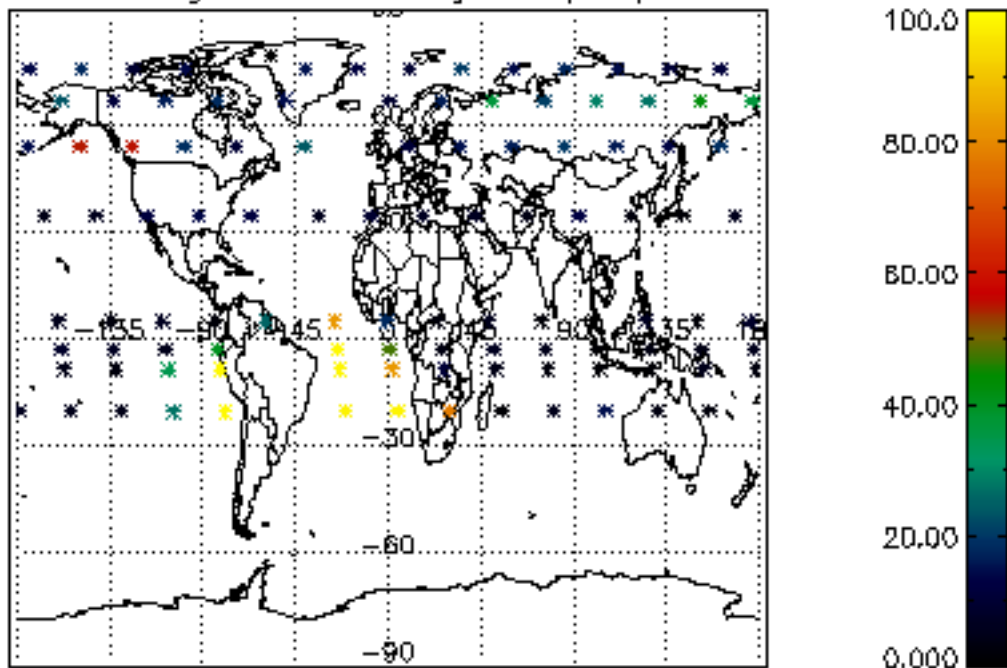
Percentage of flagged data per NO3 profile



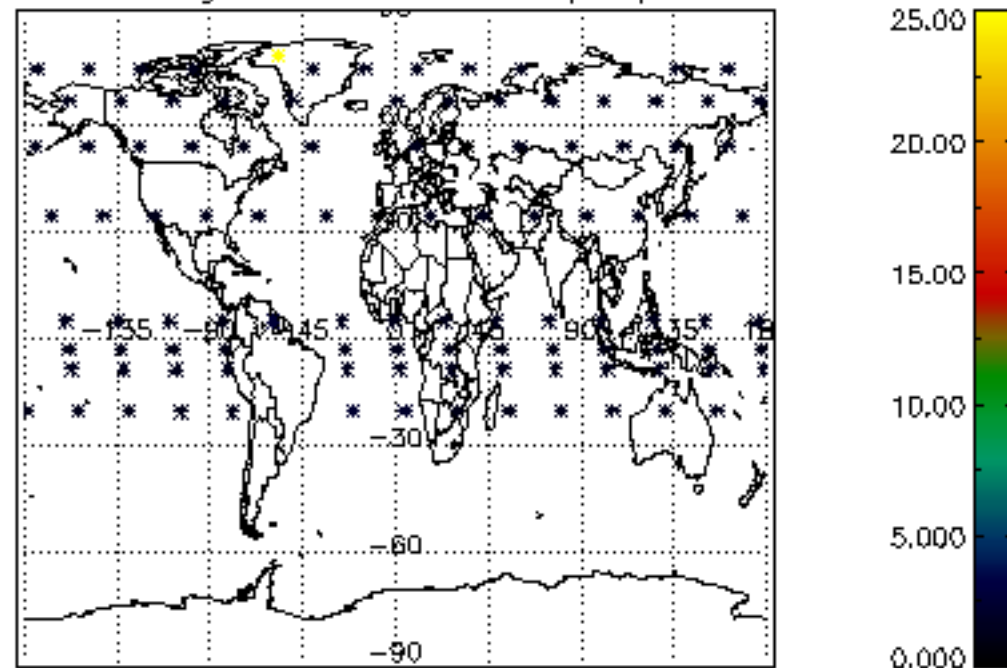




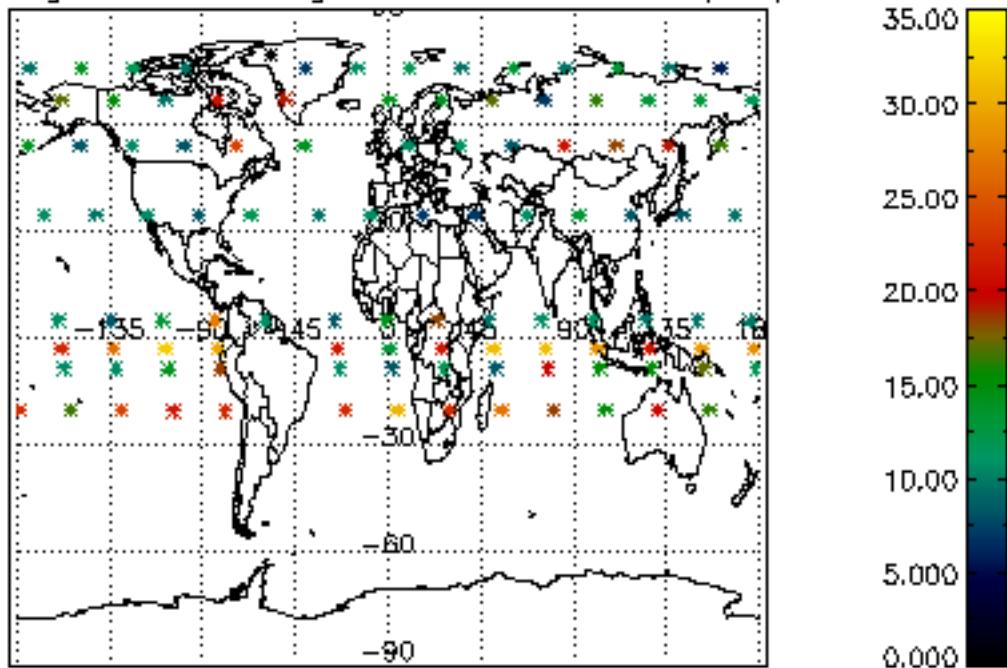
Percentage of cosmic ray hits per profile



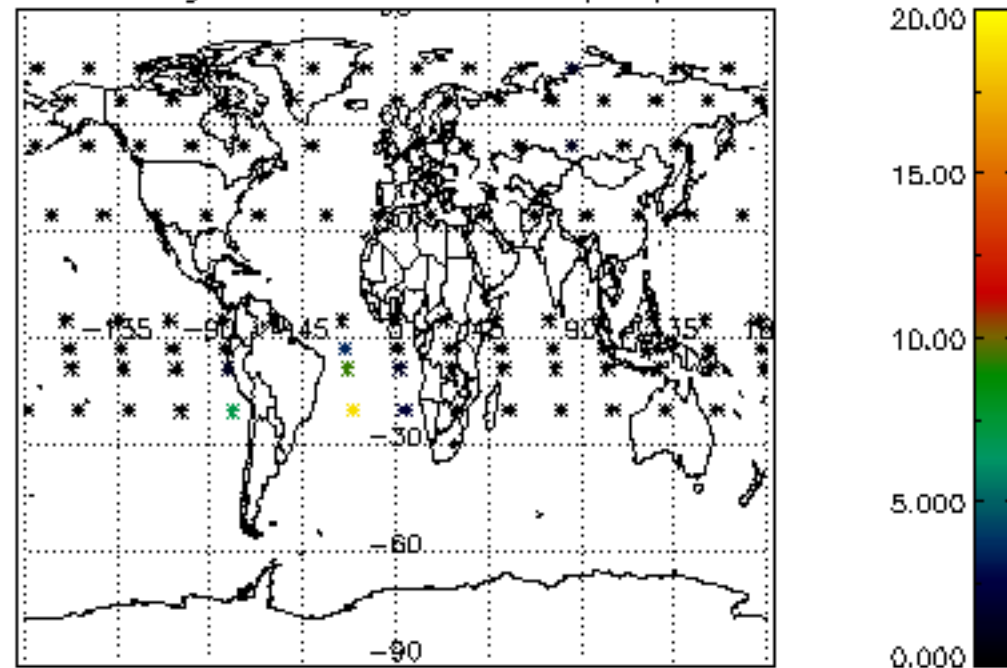
Percentage of datation errors per profile



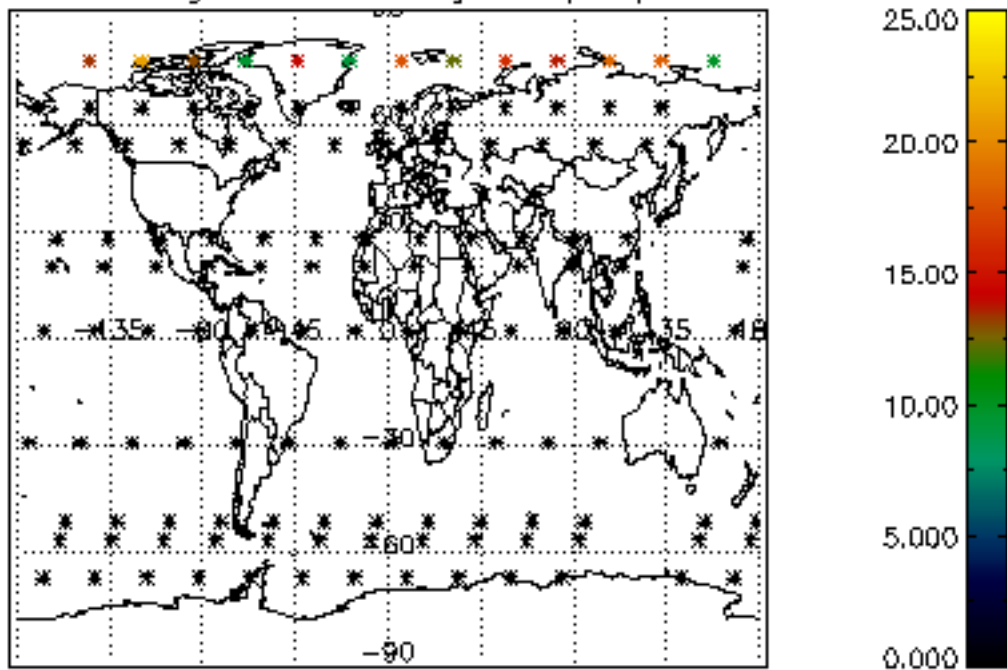
Percentage of star falling outside central band per profile



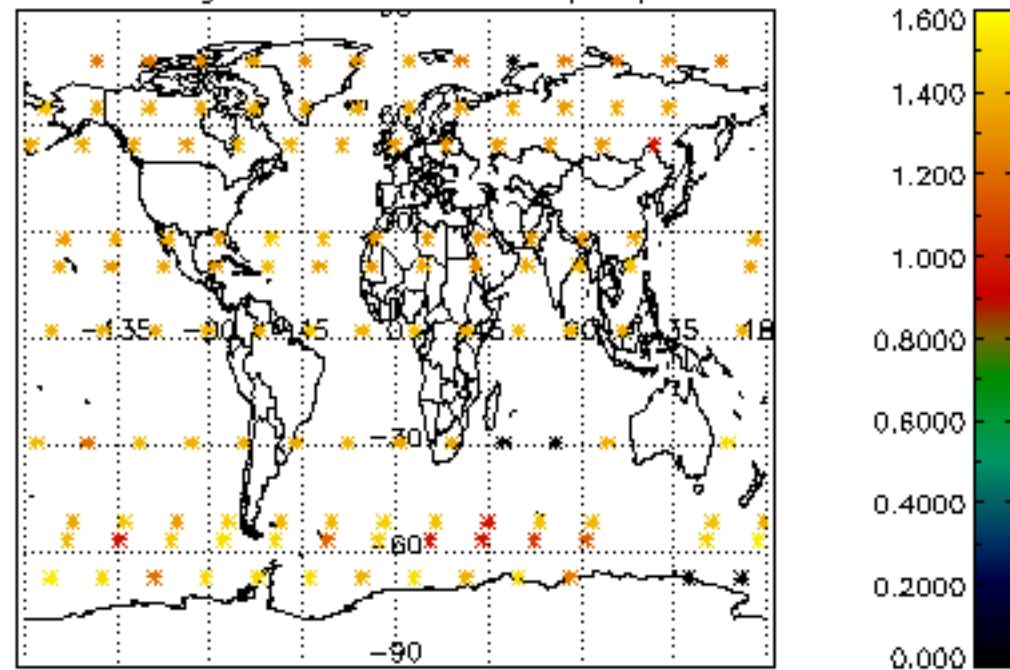
Percentage of saturation errors per profile



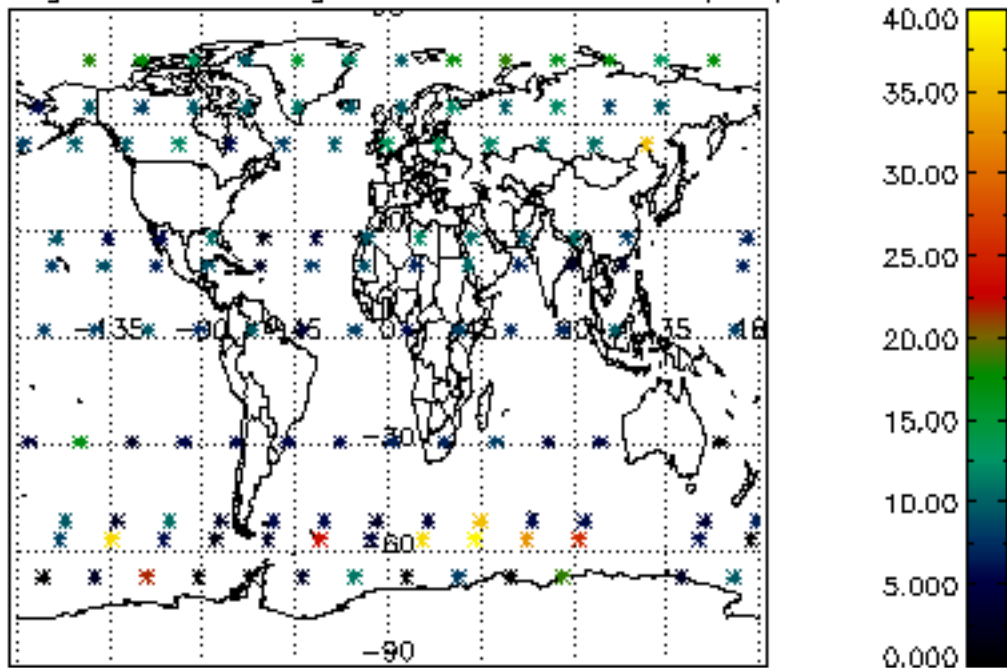
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

