

GOMOS Level 2 Daily Report

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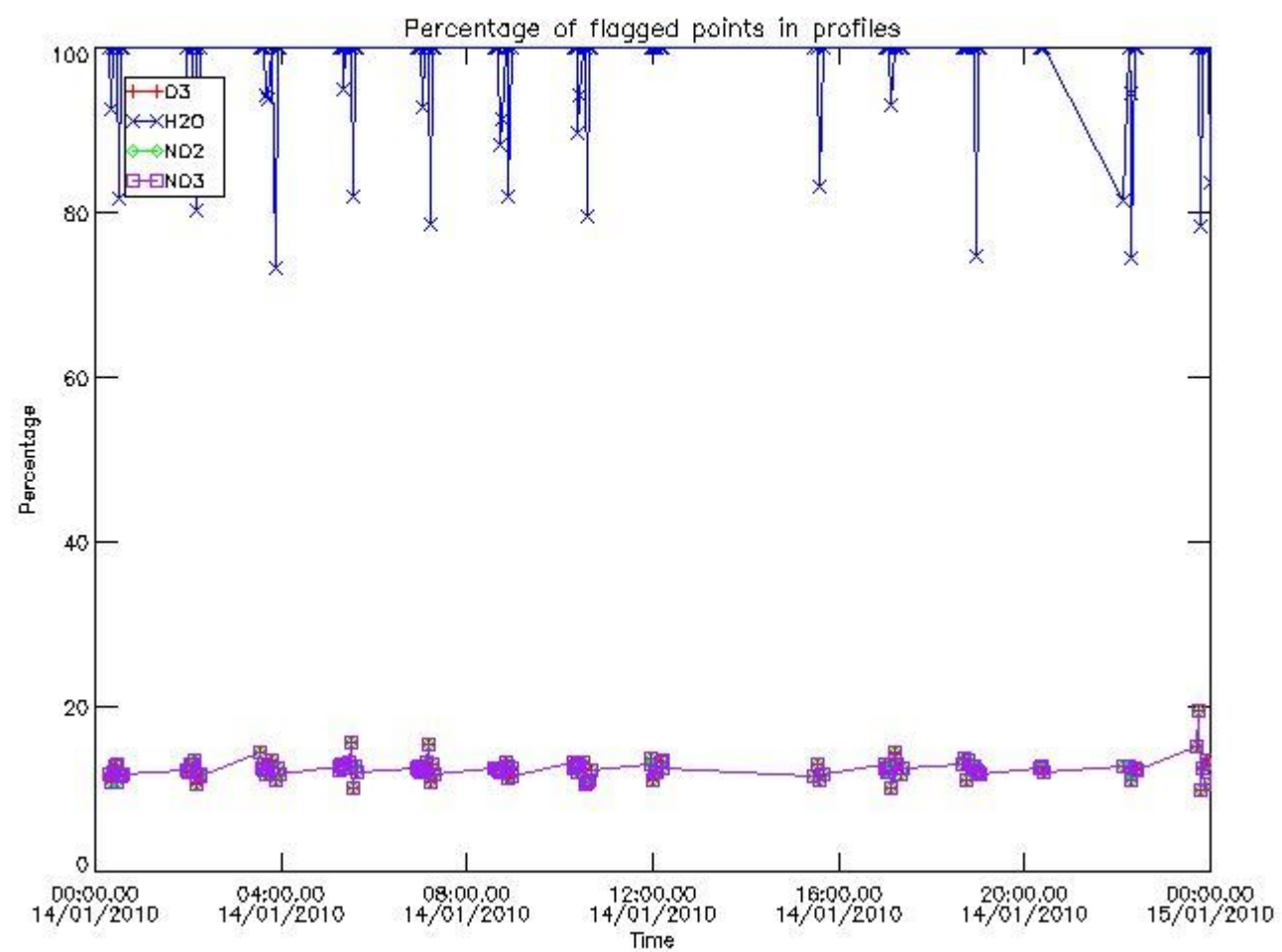
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338	GOM_NL__2PRFIN20100114_235754_000000392086_00045_41181_0139.N1	14-JAN-2010 23:57:54	Dark	39.000	71	lot Car	2.2460	7700.0	78	41181	No
339	GOM_NL__2PRFIN20100114_235909_000000532086_00045_41181_0140.N1	14-JAN-2010 23:59:09	Dark	52.500	41	Eps Car	1.8600	4100.0	105	41181	No

3. Quality information per product

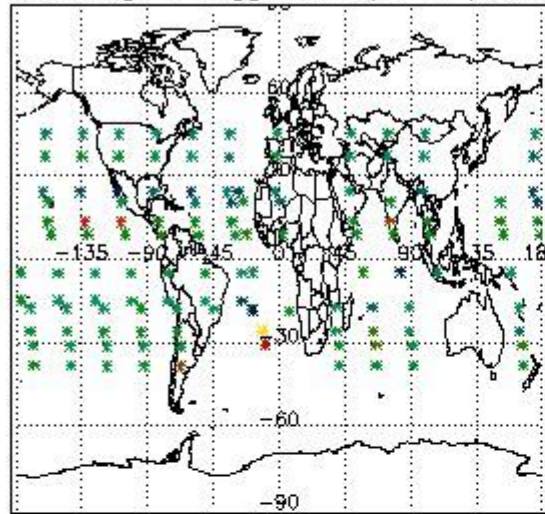
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

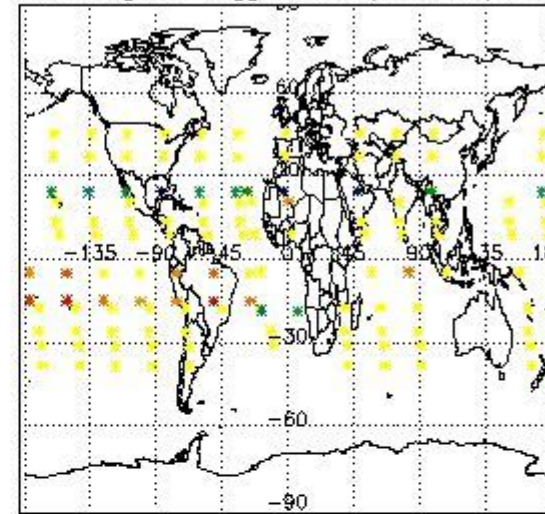


3.2 Plot quality information per product (world map)

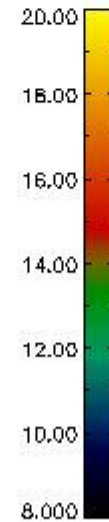
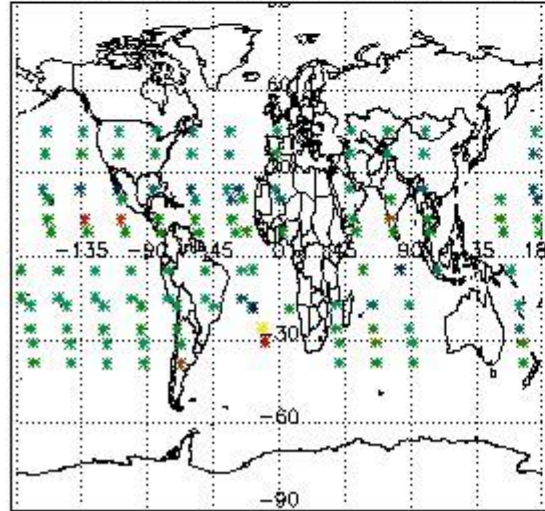
Percentage of flagged data per O3 profile



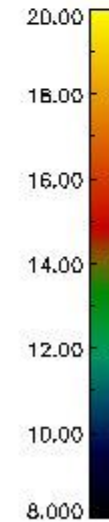
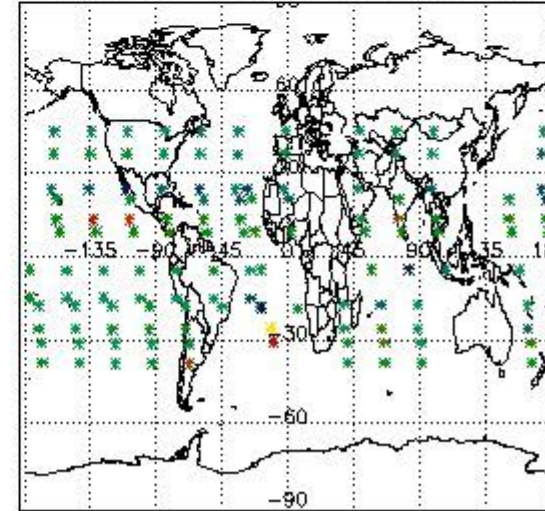
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

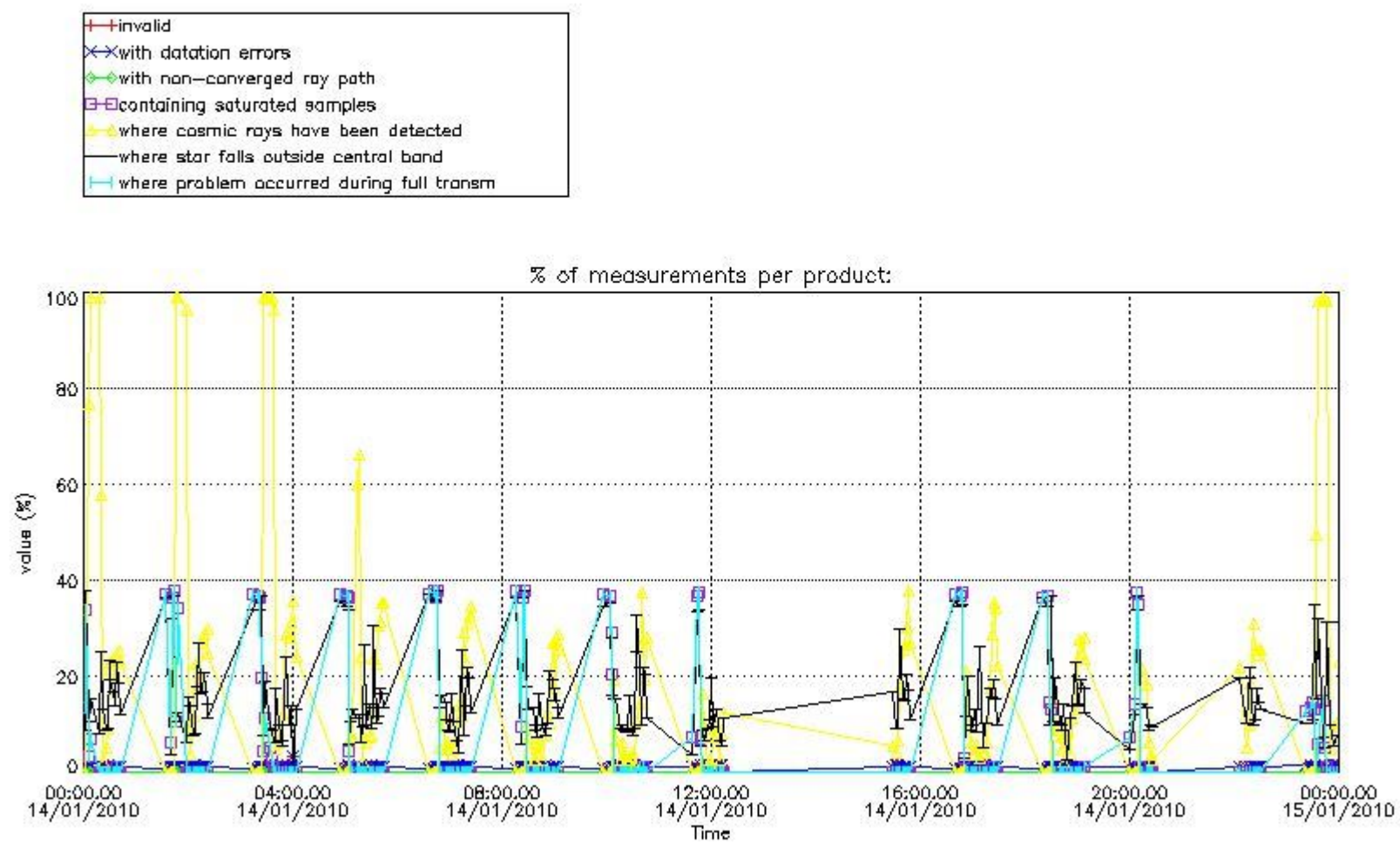


4. Level 1 quality information per product

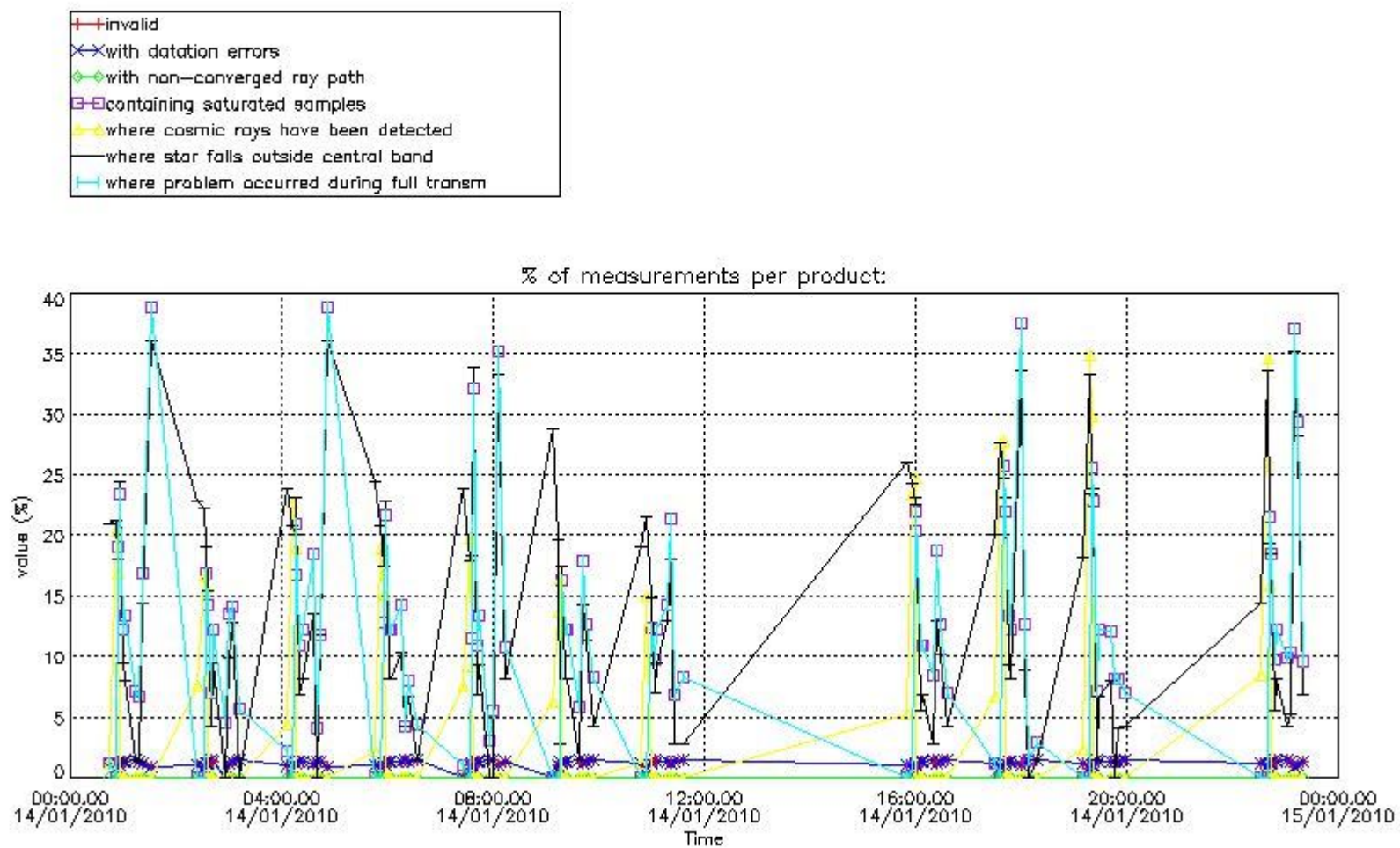
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



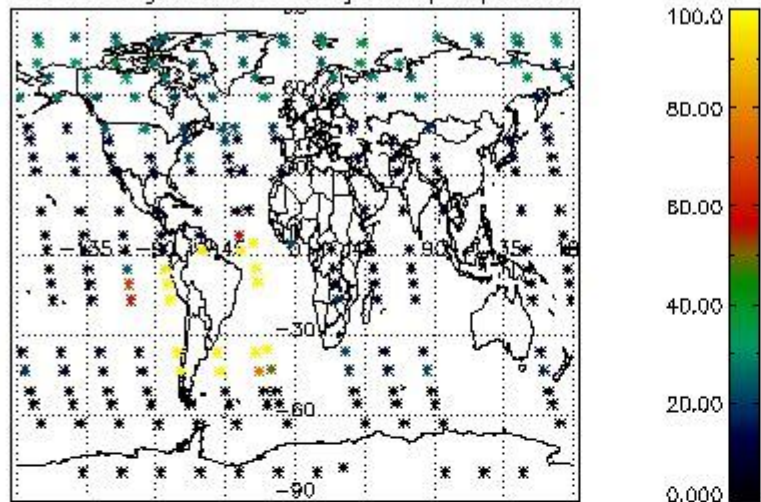
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



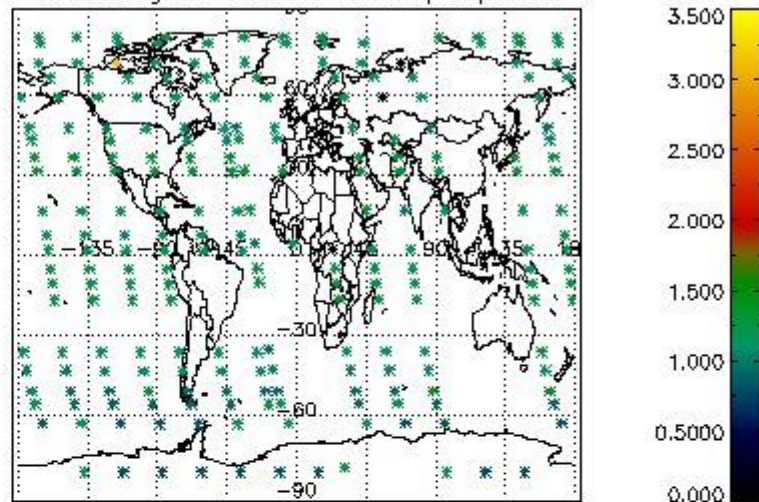
4.2 Plot quality information per product coming from level 1b processing (world map)

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

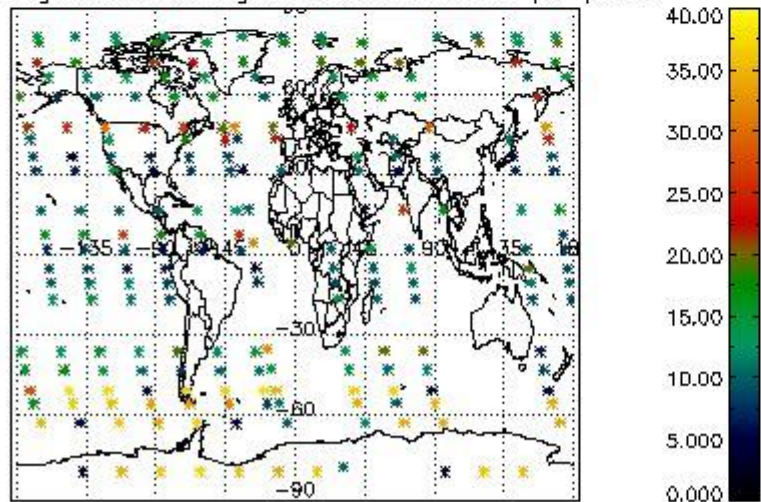
Percentage of cosmic ray hits per profile



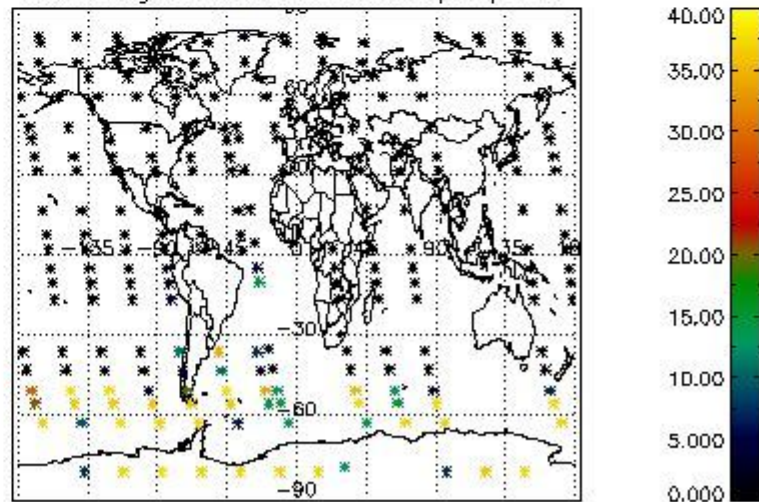
Percentage of datation errors per profile



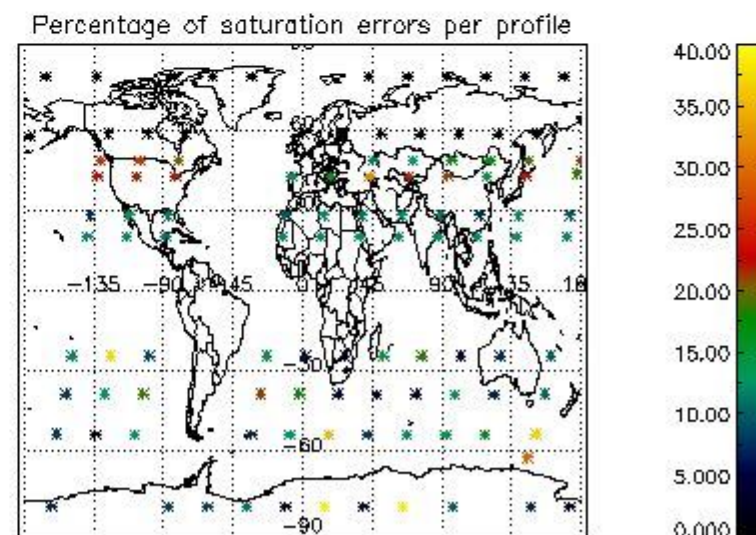
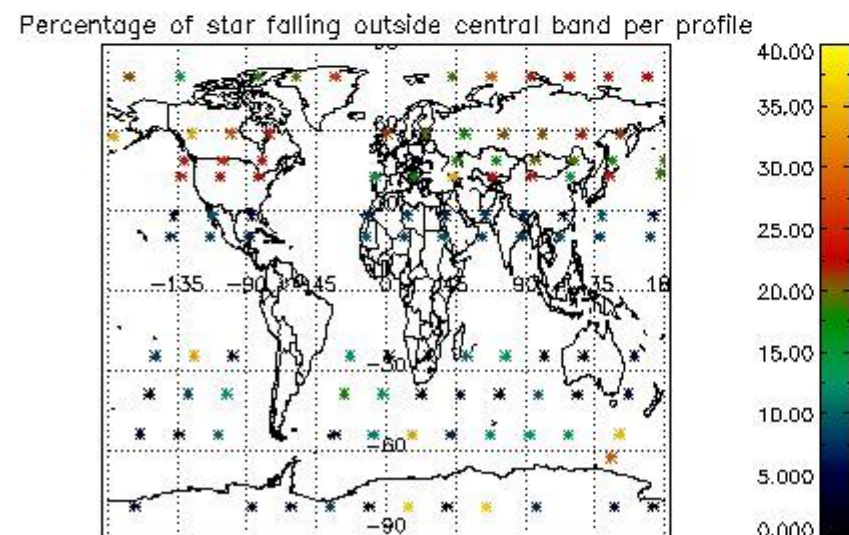
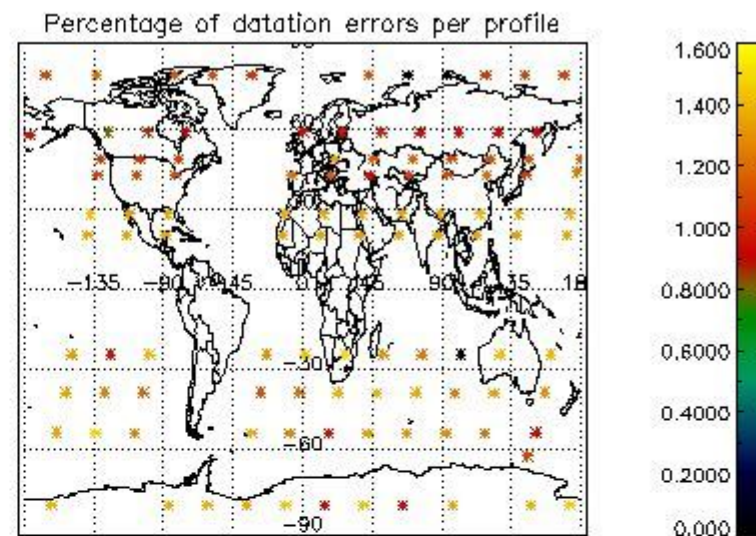
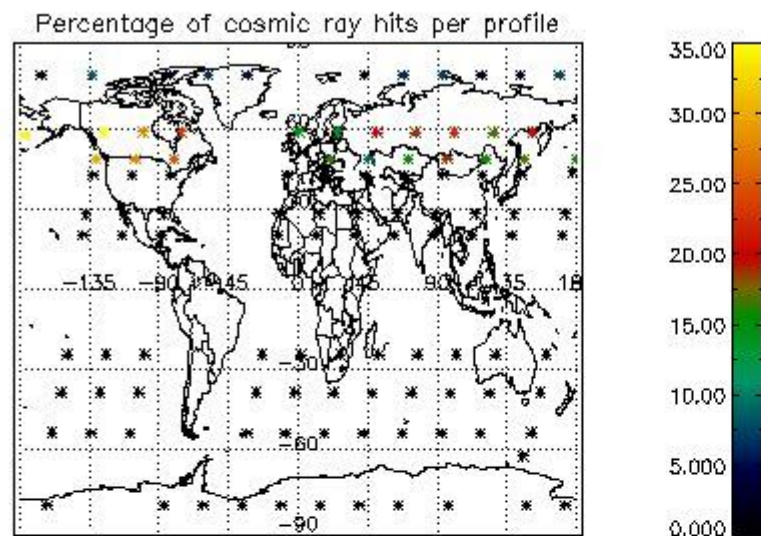
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

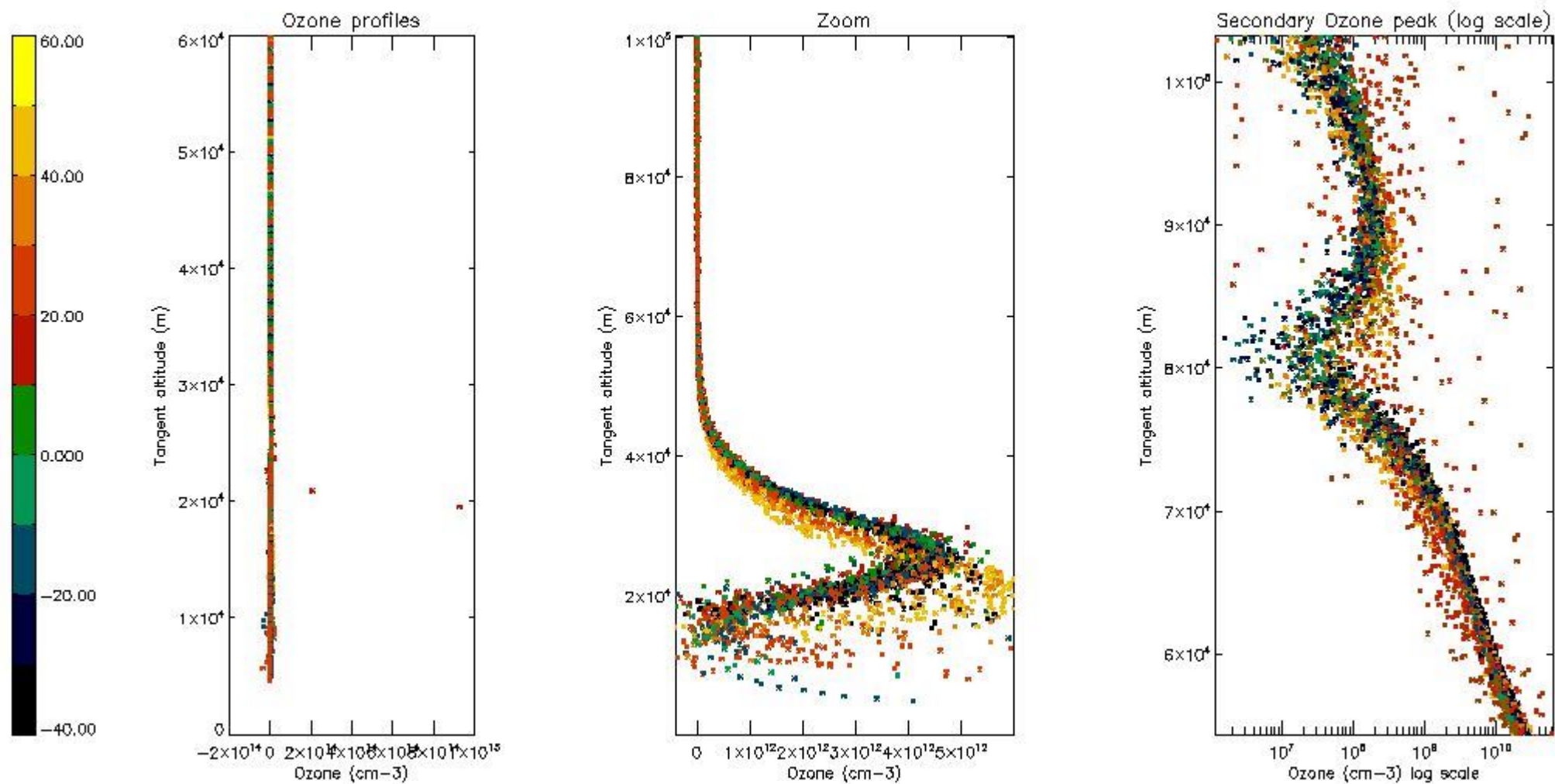
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	21

STD < 10	17
STD < 5	12

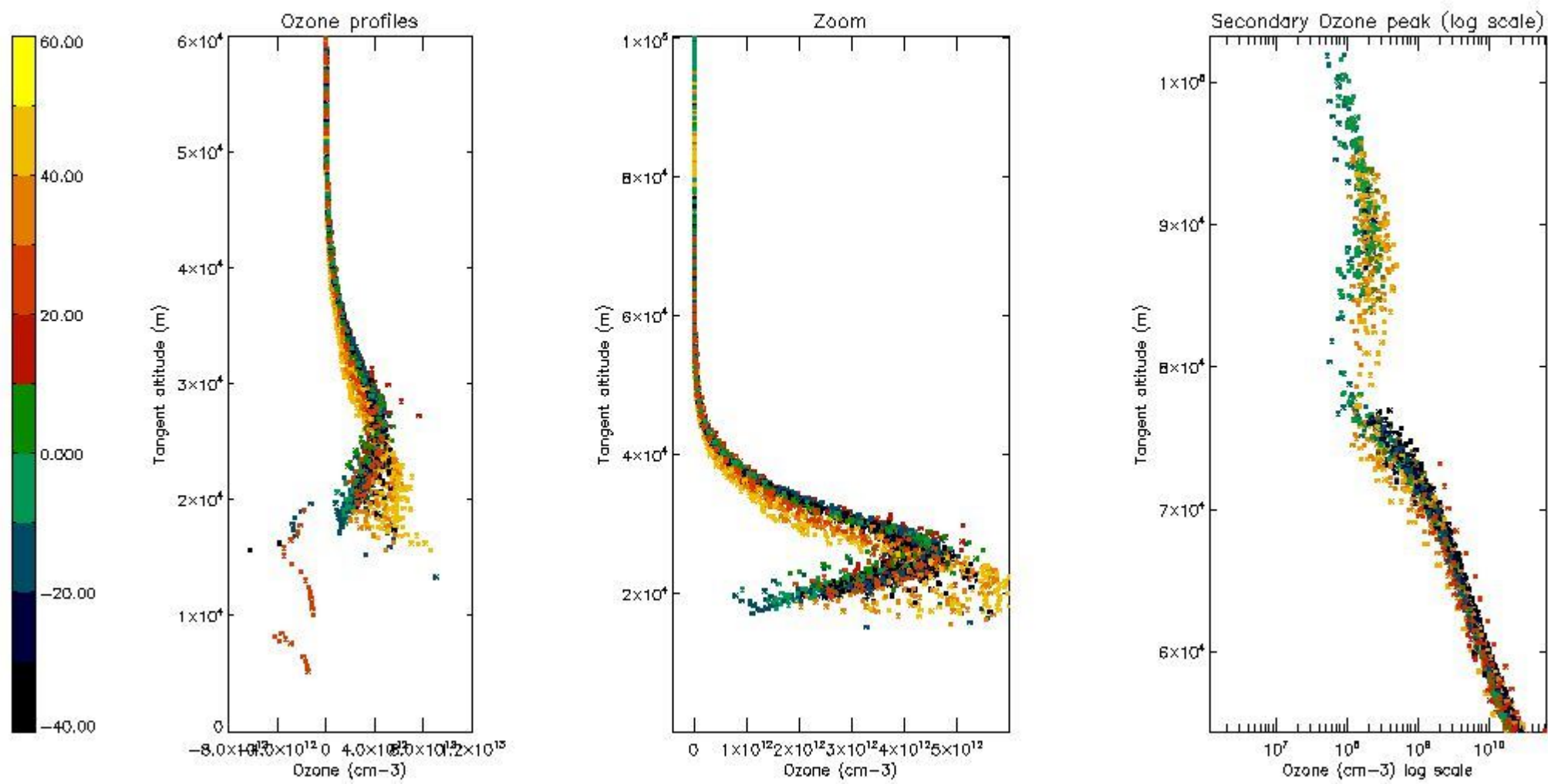
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



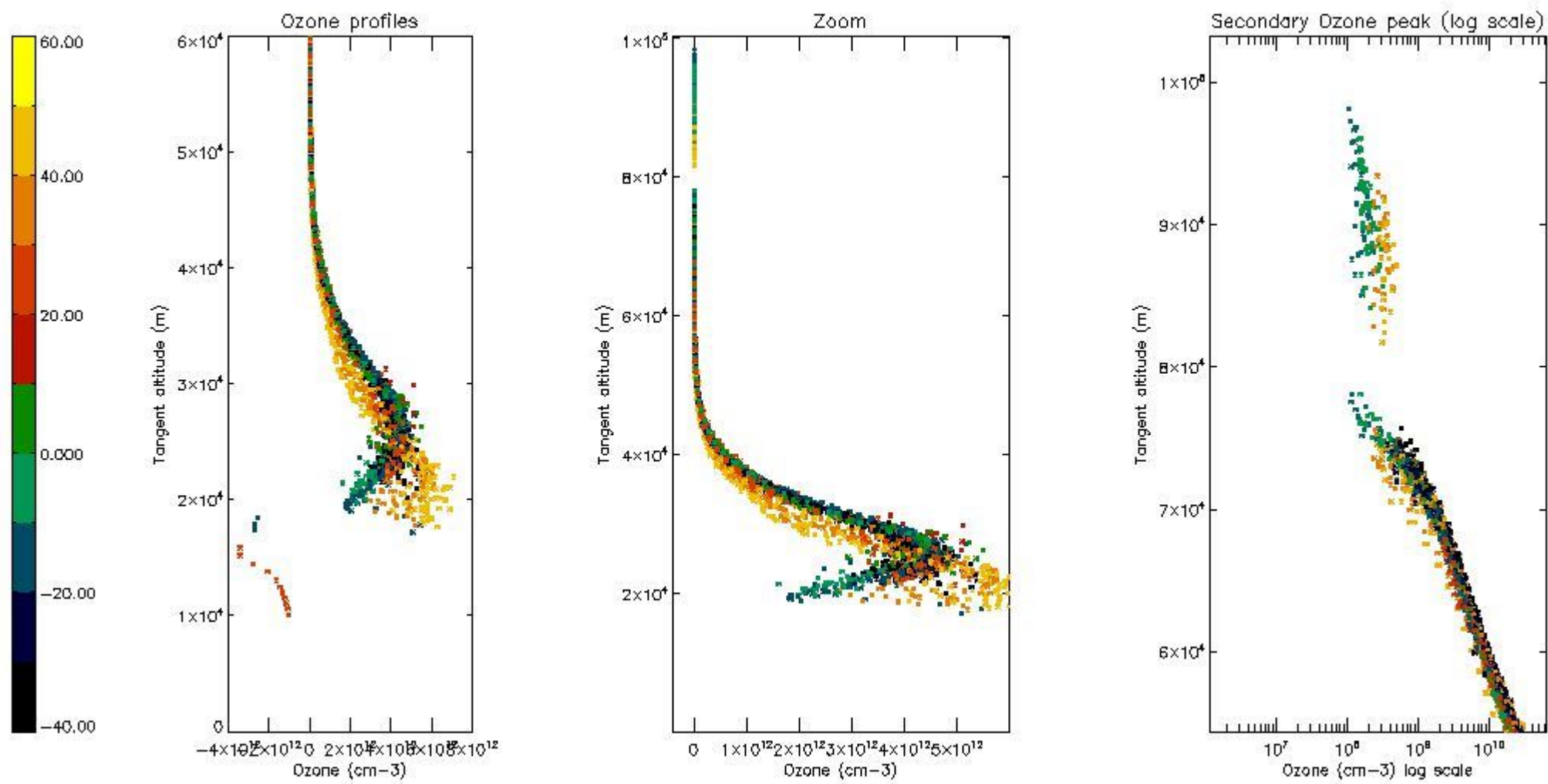
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



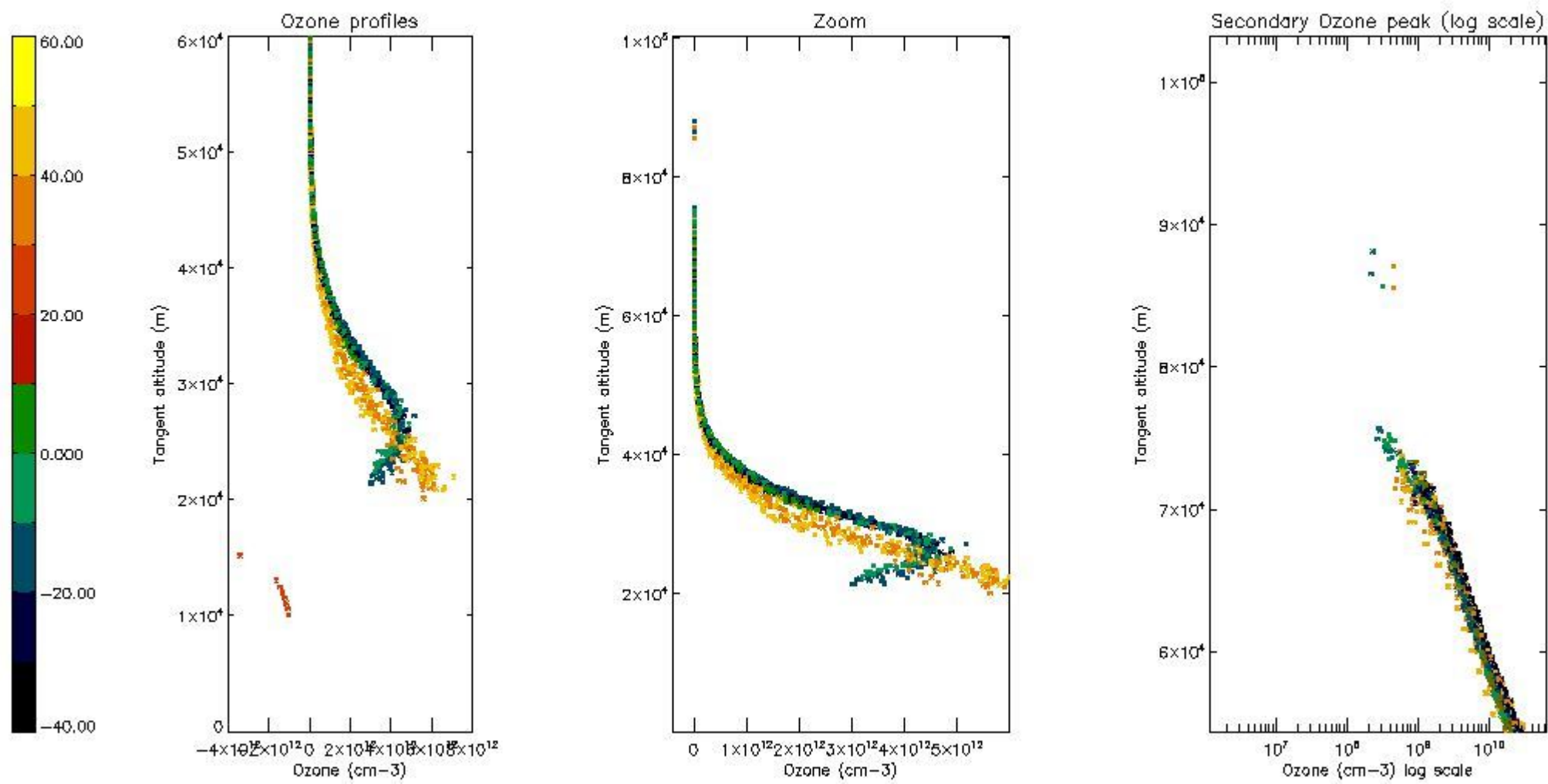
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



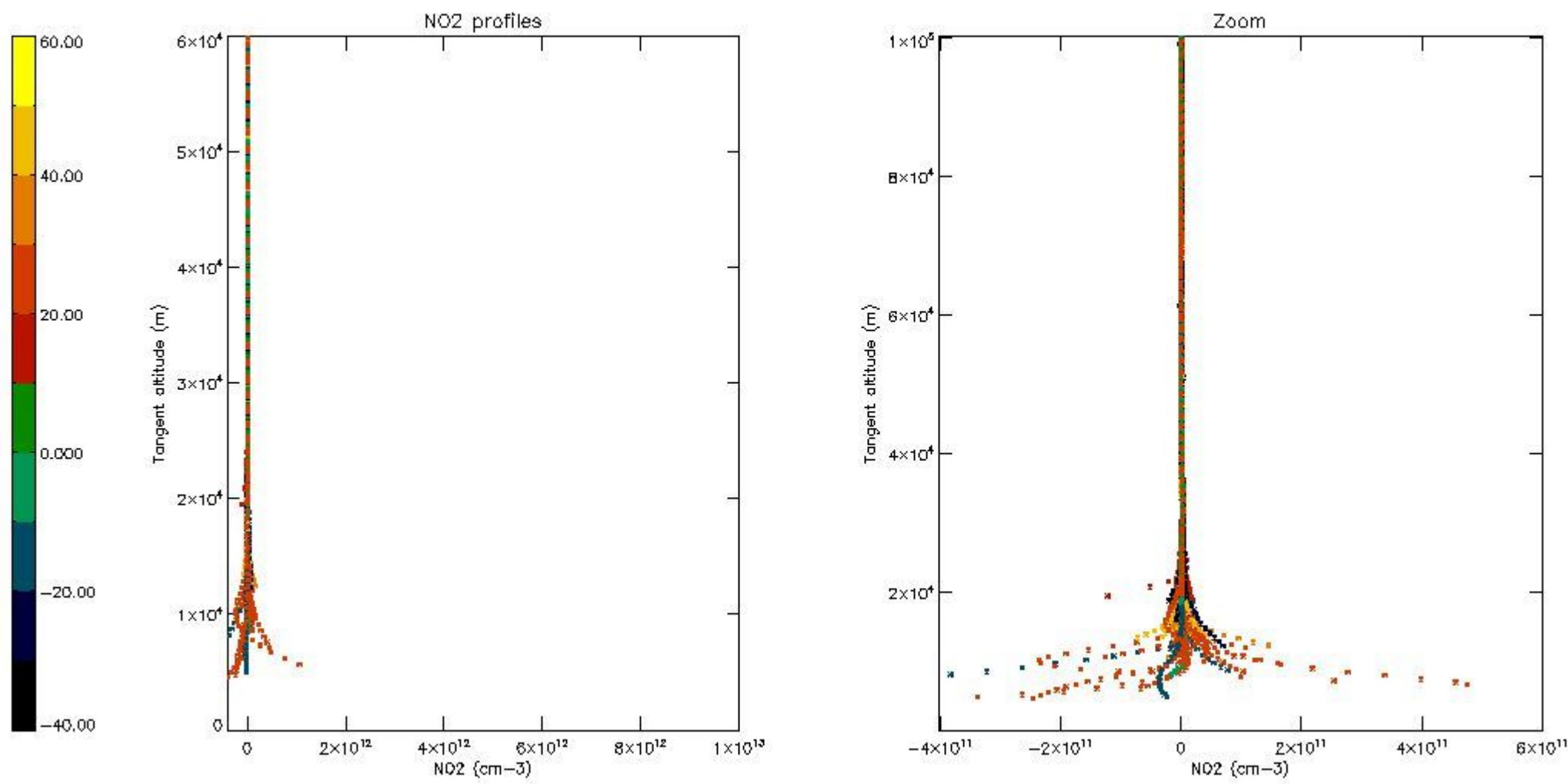
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



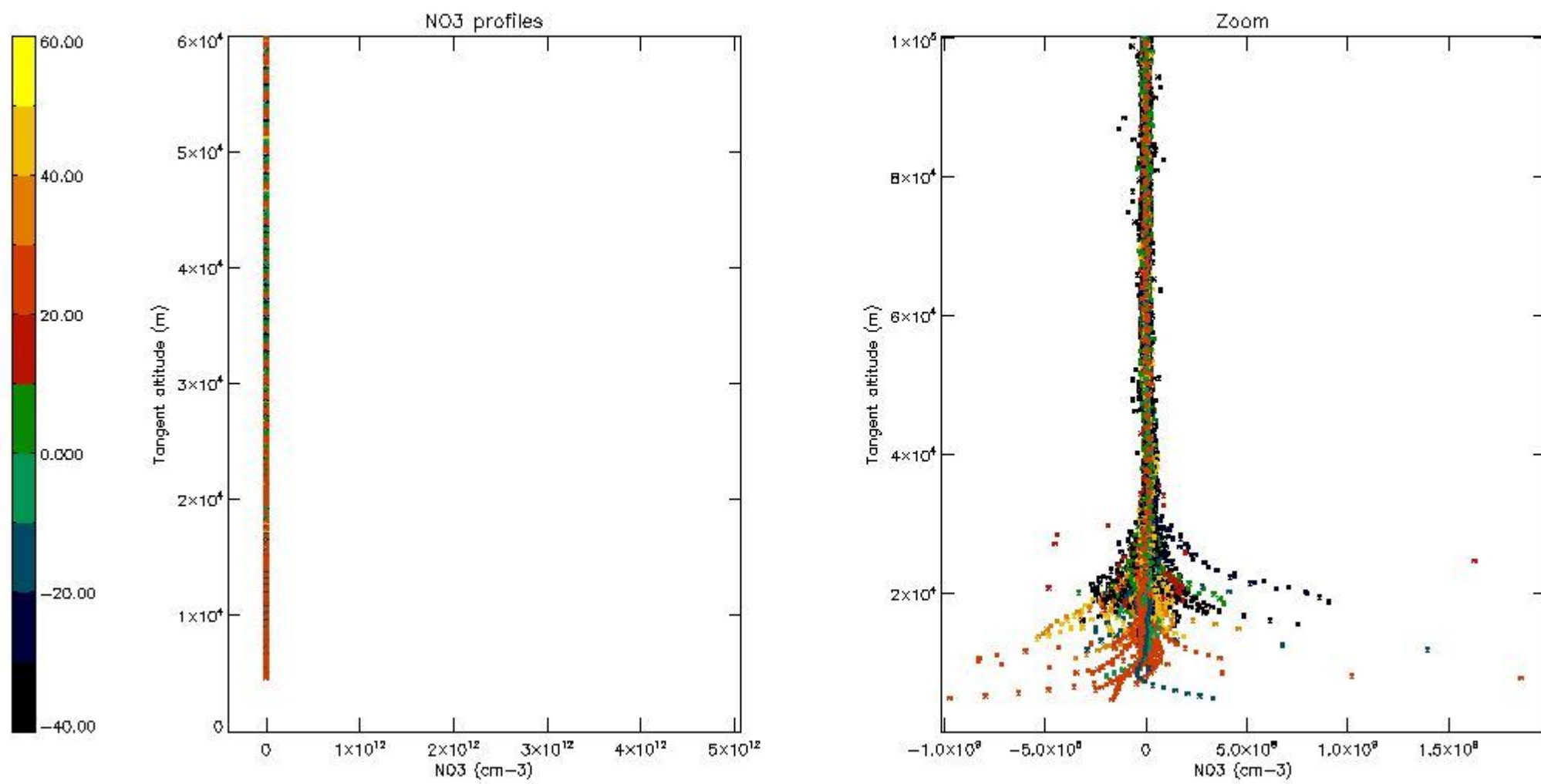
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



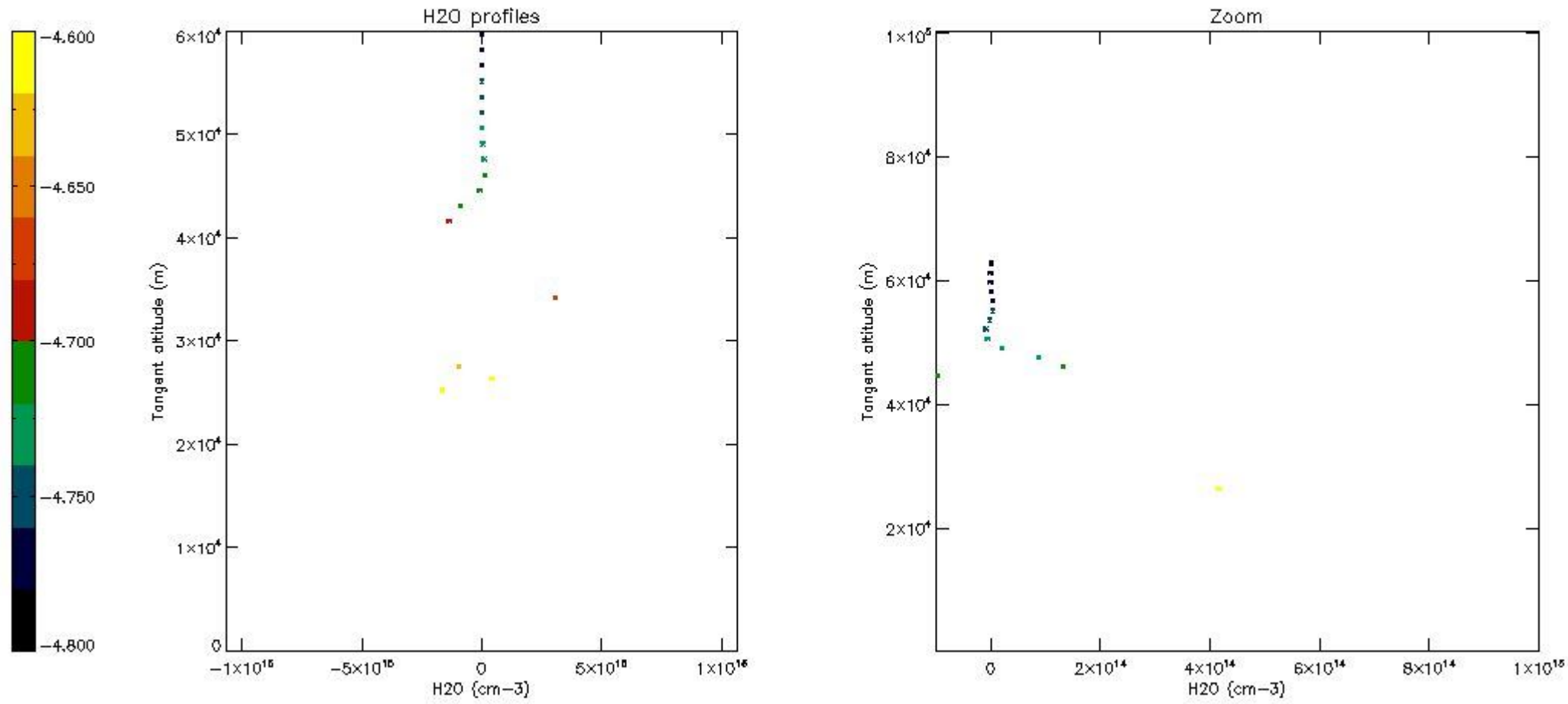
5.7 Plot NO3 profiles for all STD (dark without errors)

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	14-JAN-2010 00:01:34
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JAN-2010 00:01:34
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JAN-2010 00:01:34

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[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	26APR2013 16:20:13
Data source version	GOMOS/6.01
Start time of products	14-01-2010 (14JAN2010 00:00:00)
Stop time of products	15-01-2010 (15JAN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	339
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__2PRFIN20100114_000134_000000412086_00030_41166_9978.N1	14-JAN-2010 00:01:34	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	41166	No
2	GOM_NL__2PRFIN20100114_000258_000000532086_00030_41166_9979.N1	14-JAN-2010 00:02:58	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41166	No
3	GOM_NL__2PRFIN20100114_000508_000000472086_00030_41166_9980.N1	14-JAN-2010 00:05:08	Twilight	47.000	104	27Bet Lib	2.6140	13100.	94	41166	No
4	GOM_NL__2PRFIN20100114_000708_000000432086_00030_41166_9981.N1	14-JAN-2010 00:07:08	Twilight	43.000	80	7Del Sco	2.3160	30000.	86	41166	No
5	GOM_NL__2PRFIN20100114_001749_000000432086_00031_41167_9984.N1	14-JAN-2010 00:17:49	Dark	43.000	95	Zet Cen	2.5450	26000.	86	41167	No
6	GOM_NL__2PRFIN20100114_001925_000000482086_00031_41167_9985.N1	14-JAN-2010 00:19:25	Dark	47.500	10	Bet Cen	0.61000	28000.	95	41167	No
7	GOM_NL__2PRFIN20100114_002157_000000432086_00031_41167_9986.N1	14-JAN-2010 00:21:57	Dark	42.500	20	Bet Cru	1.2530	30000.	85	41167	No
8	GOM_NL__2PRFIN20100114_002606_000000402086_00031_41167_9987.N1	14-JAN-2010 00:26:06	Dark	40.000	124	The Car	2.7640	30000.	80	41167	No
9	GOM_NL__2PRFIN20100114_002733_000000392086_00031_41167_9988.N1	14-JAN-2010 00:27:33	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41167	No
10	GOM_NL__2PRFIN20100114_002924_000000472086_00031_41167_9989.N1	14-JAN-2010 00:29:24	Dark	47.000	71	lot Car	2.2460	7700.0	94	41167	No
11	GOM_NL__2PRFIN20100114_003041_000000442086_00031_41167_9990.N1	14-JAN-2010 00:30:41	Dark	44.000	41	Eps Car	1.8600	4100.0	88	41167	No
12	GOM_NL__2PRFIN20100114_003400_000000452086_00031_41167_9991.N1	14-JAN-2010 00:34:00	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	41167	No
13	GOM_NL__2PRFIN20100114_003610_000000442086_00031_41167_9992.N1	14-JAN-2010 00:36:10	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41167	No
14	GOM_NL__2PRFIN20100114_003752_000000462086_00031_41167_9993.N1	14-JAN-2010 00:37:52	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	41167	No
15	GOM_NL__2PRFIN20100114_004026_000000442086_00031_41167_9994.N1	14-JAN-2010 00:40:26	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41167	No
16	GOM_NL__2PRFIN20100114_004152_000000422086_00031_41167_9995.N1	14-JAN-2010 00:41:52	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	41167	No
17	GOM_NL__2PRFIN20100114_004407_000000462086_00031_41167_9996.N1	14-JAN-2010 00:44:07	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	41167	No
18	GOM_NL__2PRFIN20100114_005100_000000542086_00031_41167_9997.N1	14-JAN-2010 00:51:00	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	41167	No
19	GOM_NL__2PRFIN20100114_005352_000000452086_00031_41167_9998.N1	14-JAN-2010 00:53:52	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	41167	No
20	GOM_NL__2PRFIN20100114_005534_000000472086_00031_41167_9999.N1	14-JAN-2010 00:55:34	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	41167	No
21	GOM_NL__2PRFIN20100114_005942_000000372086_00031_41167_0000.N1	14-JAN-2010 00:59:42	Bright	37.000	107	37The Aur	2.6490	11000.	74	41167	No
22	GOM_NL__2PRFIN20100114_010154_000000382086_00031_41167_0001.N1	14-JAN-2010 01:01:54	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41167	No
23	GOM_NL__2PRFIN20100114_011426_000000352086_00031_41167_0002.N1	14-JAN-2010 01:14:26	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41167	No
24	GOM_NL__2PRFIN20100114_011828_000000372086_00031_41167_0003.N1	14-JAN-2010 01:18:28	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41167	No
25	GOM_NL__2PRFIN20100114_012244_000000422086_00031_41167_0004.N1	14-JAN-2010 01:22:44	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	41167	No
26	GOM_NL__2PRFIN20100114_013132_000000542086_00031_41167_0005.N1	14-JAN-2010 01:31:32	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41167	No
27	GOM_NL__2PRFIN20100114_013344_000000622086_00031_41167_0006.N1	14-JAN-2010 01:33:44	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41167	No
28	GOM_NL__2PRFIN20100114_014002_000000412086_00031_41167_0007.N1	14-JAN-2010 01:40:02	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	41167	No
29	GOM_NL__2PRFIN20100114_014211_000000552086_00031_41167_0008.N1	14-JAN-2010 01:42:11	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41167	No
30	GOM_NL__2PRFIN20100114_014334_000000532086_00031_41167_0009.N1	14-JAN-2010 01:43:34	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41167	No
31	GOM_NL__2PRFIN20100114_014545_000000472086_00031_41167_0010.N1	14-JAN-2010 01:45:45	Twilight	47.000	104	27Bet Lib	2.6140	13100.	94	41167	No
32	GOM_NL__2PRFIN20100114_014745_000000412086_00031_41167_0011.N1	14-JAN-2010 01:47:45	Twilight	41.000	80	7Del Sco	2.3160	30000.	82	41167	No
33	GOM_NL__2PRFIN20100114_015825_000000422086_00032_41168_9993.N1	14-JAN-2010 01:58:25	Dark	41.500	95	Zet Cen	2.5450	26000.	83	41168	No
34	GOM_NL__2PRFIN20100114_020001_000000422086_00032_41168_9994.N1	14-JAN-2010 02:00:01	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41168	No
35	GOM_NL__2PRFIN20100114_020233_000000432086_00032_41168_9995.N1	14-JAN-2010 02:02:33	Dark	43.000	20	Bet Cru	1.2530	30000.	86	41168	No
36	GOM_NL__2PRFIN20100114_020643_000000392086_00032_41168_9996.N1	14-JAN-2010 02:06:43	Dark	39.000	124	The Car	2.7640	30000.	78	41168	No
37	GOM_NL__2PRFIN20100114_020810_000000382086_00032_41168_9997.N1	14-JAN-2010 02:08:10	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41168	No
38	GOM_NL__2PRFIN20100114_021001_000000452086_00032_41168_9998.N1	14-JAN-2010 02:10:01	Dark	44.500	71	lot Car	2.2460	7700.0	89	41168	No
39	GOM_NL__2PRFIN20100114_021118_000000492086_00032_41168_9999.N1	14-JAN-2010 02:11:18	Dark	48.500	41	Eps Car	1.8600	4100.0	97	41168	No
40	GOM_NL__2PRFIN20100114_021437_000000432086_00032_41168_0000.N1	14-JAN-2010 02:14:37	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41168	No
41	GOM_NL__2PRFIN20100114_021646_000000452086_00032_41168_0001.N1	14-JAN-2010 02:16:46	Dark	44.500	70	Zet Pup	2.2460	39000.	89	41168	No
42	GOM_NL__2PRFIN20100114_021828_000000462086_00032_41168_0002.N1	14-JAN-2010 02:18:28	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	41168	No

43	GOM_NL__2PRFIN20100114_022103_00000422086_00032_41168_0003.N1	14-JAN-2010 02:21:03	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	41168	No
44	GOM_NL__2PRFIN20100114_022229_00000412086_00032_41168_0004.N1	14-JAN-2010 02:22:29	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41168	No
45	GOM_NL__2PRFIN20100114_022443_00000462086_00032_41168_0005.N1	14-JAN-2010 02:24:43	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	41168	No
46	GOM_NL__2PRFIN20100114_023136_00000542086_00032_41168_0006.N1	14-JAN-2010 02:31:36	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	41168	No
47	GOM_NL__2PRFIN20100114_023427_00000452086_00032_41168_0007.N1	14-JAN-2010 02:34:27	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	41168	No
48	GOM_NL__2PRFIN20100114_023610_00000422086_00032_41168_0008.N1	14-JAN-2010 02:36:10	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	41168	No
49	GOM_NL__2PRFIN20100114_024018_00000362086_00032_41168_0009.N1	14-JAN-2010 02:40:18	Bright	35.500	107	37The Aur	2.6490	11000.	71	41168	No
50	GOM_NL__2PRFIN20100114_024230_00000372086_00032_41168_0010.N1	14-JAN-2010 02:42:30	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41168	No
51	GOM_NL__2PRFIN20100114_025502_00000332086_00032_41168_0011.N1	14-JAN-2010 02:55:02	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	41168	No
52	GOM_NL__2PRFIN20100114_025904_00000412086_00032_41168_0012.N1	14-JAN-2010 02:59:04	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41168	No
53	GOM_NL__2PRFIN20100114_030320_00000392086_00032_41168_0013.N1	14-JAN-2010 03:03:20	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41168	No
54	GOM_NL__2PRFIN20100114_031208_00000352086_00032_41168_0014.N1	14-JAN-2010 03:12:08	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	41168	No
55	GOM_NL__2PRFIN20100114_031420_00000622086_00032_41168_0015.N1	14-JAN-2010 03:14:20	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41168	No
56	GOM_NL__2PRFIN20100114_032038_00000612086_00032_41168_0016.N1	14-JAN-2010 03:20:38	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41168	No
57	GOM_NL__2PRFIN20100114_032247_00000552086_00032_41168_0017.N1	14-JAN-2010 03:22:47	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41168	No
58	GOM_NL__2PRFIN20100114_032410_00000532086_00032_41168_0018.N1	14-JAN-2010 03:24:10	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41168	No
59	GOM_NL__2PRFIN20100114_032622_00000462086_00032_41168_0019.N1	14-JAN-2010 03:26:22	Tw_i_and_stray	45.500	104	27Bet Lib	2.6140	13100.	91	41168	No
60	GOM_NL__2PRFIN20100114_032821_00000452086_00032_41168_0020.N1	14-JAN-2010 03:28:21	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	41168	No
61	GOM_NL__2PRFIN20100114_033350_00000392086_00032_41168_0021.N1	14-JAN-2010 03:33:50	Dark	39.000	131	Gam Lup	2.8000	26000.	78	41168	No
62	GOM_NL__2PRFIN20100114_033532_00000412086_00032_41168_0022.N1	14-JAN-2010 03:35:32	Dark	40.500	109	Bet Lup	2.6770	26000.	81	41168	No
63	GOM_NL__2PRFIN20100114_033703_00000402086_00032_41168_0023.N1	14-JAN-2010 03:37:03	Dark	39.500	78	Alp Lup	2.3040	28000.	79	41168	No
64	GOM_NL__2PRFIN20100114_033902_00000422086_00033_41169_0002.N1	14-JAN-2010 03:39:02	Dark	41.500	95	Zet Cen	2.5450	26000.	83	41169	No
65	GOM_NL__2PRFIN20100114_034038_00000432086_00033_41169_0003.N1	14-JAN-2010 03:40:38	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41169	No
66	GOM_NL__2PRFIN20100114_034310_00000412086_00033_41169_0004.N1	14-JAN-2010 03:43:10	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41169	No
67	GOM_NL__2PRFIN20100114_034719_00000382086_00033_41169_0005.N1	14-JAN-2010 03:47:19	Dark	37.500	124	The Car	2.7640	30000.	75	41169	No
68	GOM_NL__2PRFIN20100114_034846_00000382086_00033_41169_0006.N1	14-JAN-2010 03:48:46	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41169	No
69	GOM_NL__2PRFIN20100114_035154_00000462086_00033_41169_0007.N1	14-JAN-2010 03:51:54	Dark	45.500	41	Eps Car	1.8600	4100.0	91	41169	No
70	GOM_NL__2PRFIN20100114_035513_00000412086_00033_41169_0008.N1	14-JAN-2010 03:55:13	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	41169	No
71	GOM_NL__2PRFIN20100114_035722_00000432086_00033_41169_0009.N1	14-JAN-2010 03:57:22	Dark	43.000	70	Zet Pup	2.2460	39000.	86	41169	No
72	GOM_NL__2PRFIN20100114_035905_00000162086_00033_41169_0010.N1	14-JAN-2010 03:59:05	Straylight	15.500	117	Pi Pup	2.7060	3800.0	31	41169	No
73	GOM_NL__2PRFIN20100114_040305_00000422086_00033_41169_0011.N1	14-JAN-2010 04:03:05	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	41169	No
74	GOM_NL__2PRFIN20100114_040519_00000462086_00033_41169_0012.N1	14-JAN-2010 04:05:19	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	41169	No
75	GOM_NL__2PRFIN20100114_041212_00000532086_00033_41169_0013.N1	14-JAN-2010 04:12:12	Tw_i_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	41169	No
76	GOM_NL__2PRFIN20100114_041504_00000452086_00033_41169_0014.N1	14-JAN-2010 04:15:04	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	41169	No
77	GOM_NL__2PRFIN20100114_041646_00000462086_00033_41169_0015.N1	14-JAN-2010 04:16:46	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	41169	No
78	GOM_NL__2PRFIN20100114_042054_00000372086_00033_41169_0016.N1	14-JAN-2010 04:20:54	Bright	36.500	107	37The Aur	2.6490	11000.	73	41169	No
79	GOM_NL__2PRFIN20100114_042306_00000372086_00033_41169_0017.N1	14-JAN-2010 04:23:06	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41169	No
80	GOM_NL__2PRFIN20100114_043538_00000412086_00033_41169_0018.N1	14-JAN-2010 04:35:38	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	41169	No
81	GOM_NL__2PRFIN20100114_043939_00000372086_00033_41169_0019.N1	14-JAN-2010 04:39:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41169	No
82	GOM_NL__2PRFIN20100114_044356_00000382086_00033_41169_0020.N1	14-JAN-2010 04:43:56	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	41169	No
83	GOM_NL__2PRFIN20100114_045244_00000542086_00033_41169_0021.N1	14-JAN-2010 04:52:44	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41169	No
84	GOM_NL__2PRFIN20100114_045456_00000622086_00033_41169_0022.N1	14-JAN-2010 04:54:56	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41169	No
85	GOM_NL__2PRFIN20100114_050115_00000612086_00033_41169_0023.N1	14-JAN-2010 05:01:15	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41169	No
86	GOM_NL__2PRFIN20100114_050323_00000552086_00033_41169_0024.N1	14-JAN-2010 05:03:23	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41169	No
87	GOM_NL__2PRFIN20100114_050447_00000352086_00033_41169_0025.N1	14-JAN-2010 05:04:47	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	41169	No
88	GOM_NL__2PRFIN20100114_050658_00000472086_00033_41169_0026.N1	14-JAN-2010 05:06:58	Tw_i_and_stray	47.000	104	27Bet Lib	2.6140	13100.	94	41169	No
89	GOM_NL__2PRFIN20100114_050858_00000422086_00033_41169_0027.N1	14-JAN-2010 05:08:58	Tw_i_and_stray	41.500	80	7Del Sco	2.3160	30000.	83	41169	No
90	GOM_NL__2PRFIN20100114_051426_00000402086_00033_41169_0028.N1	14-JAN-2010 05:14:26	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41169	No
91	GOM_NL__2PRFIN20100114_051609_00000422086_00033_41169_0029.N1	14-JAN-2010 05:16:09	Dark	41.500	109	Bet Lup	2.6770	26000.	83	41169	No
92	GOM_NL__2PRFIN20100114_051740_00000402086_00033_41169_0030.N1	14-JAN-2010 05:17:40	Dark	39.500	78	Alp Lup	2.3040	28000.	79	41169	No
93	GOM_NL__2PRFIN20100114_051939_00000432086_00034_41170_0012.N1	14-JAN-2010 05:19:39	Dark	43.000	95	Zet Cen	2.5450	26000.	86	41170	No
94	GOM_NL__2PRFIN20100114_052114_00000492086_00034_41170_0013.N1	14-JAN-2010 05:21:14	Dark	49.000	10	Bet Cen	0.61000	28000.	98	41170	No
95	GOM_NL__2PRFIN20100114_052347_00000412086_00034_41170_0014.N1	14-JAN-2010 05:23:47	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41170	No
96	GOM_NL__2PRFIN20100114_052756_00000422086_00034_41170_0015.N1	14-JAN-2010 05:27:56	Dark	42.000	124	The Car	2.7640	30000.	84	41170	No
97	GOM_NL__2PRFIN20100114_052923_00000392086_00034_41170_0016.N1	14-JAN-2010 05:29:23	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41170	No
98	GOM_NL__2PRFIN20100114_053114_00000412086_00034_41170_0017.N1	14-JAN-2010 05:31:14	Dark	40.500	71	lot Car	2.2460	7700.0	81	41170	No
99	GOM_NL__2PRFIN20100114_053230_00000512086_00034_41170_0018.N1	14-JAN-2010 05:32:30	Dark	50.500	41	Eps Car	1.8600	4100.0	101	41170	No
100	GOM_NL__2PRFIN20100114_053550_00000402086_00034_41170_0019.N1	14-JAN-2010 05:35:50	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	41170	No
101	GOM_NL__2PRFIN20100114_053759_00000432086_00034_41170_0020.N1	14-JAN-2010 05:37:59	Dark	42.500	70	Zet Pup	2.2460	39000.	85	41170	No

102	GOM_NL__2PRFIN20100114_053941_000000432086_00034_41170_0021.N1	14-JAN-2010 05:39:41	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41170	No
103	GOM_NL__2PRFIN20100114_054215_000000432086_00034_41170_0022.N1	14-JAN-2010 05:42:15	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41170	No
104	GOM_NL__2PRFIN20100114_054341_000000412086_00034_41170_0023.N1	14-JAN-2010 05:43:41	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41170	No
105	GOM_NL__2PRFIN20100114_054555_000000472086_00034_41170_0024.N1	14-JAN-2010 05:45:55	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	41170	No
106	GOM_NL__2PRFIN20100114_055247_000000532086_00034_41170_0025.N1	14-JAN-2010 05:52:47	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	41170	No
107	GOM_NL__2PRFIN20100114_055539_000000432086_00034_41170_0026.N1	14-JAN-2010 05:55:39	Bright	43.000	44	24Gam Gem	1.9280	11000.	86	41170	No
108	GOM_NL__2PRFIN20100114_055722_000000462086_00034_41170_0027.N1	14-JAN-2010 05:57:22	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	41170	No
109	GOM_NL__2PRFIN20100114_060130_000000372086_00034_41170_0028.N1	14-JAN-2010 06:01:30	Bright	37.000	107	37The Aur	2.6490	11000.	74	41170	No
110	GOM_NL__2PRFIN20100114_060342_000000372086_00034_41170_0029.N1	14-JAN-2010 06:03:42	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41170	No
111	GOM_NL__2PRFIN20100114_061614_000000392086_00034_41170_0030.N1	14-JAN-2010 06:16:14	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	41170	No
112	GOM_NL__2PRFIN20100114_062015_000000362086_00034_41170_0031.N1	14-JAN-2010 06:20:15	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	41170	No
113	GOM_NL__2PRFIN20100114_062432_000000382086_00034_41170_0032.N1	14-JAN-2010 06:24:32	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	41170	No
114	GOM_NL__2PRFIN20100114_063320_000000352086_00034_41170_0033.N1	14-JAN-2010 06:33:20	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	41170	No
115	GOM_NL__2PRFIN20100114_063533_000000622086_00034_41170_0034.N1	14-JAN-2010 06:35:33	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41170	No
116	GOM_NL__2PRFIN20100114_064152_000000612086_00034_41170_0035.N1	14-JAN-2010 06:41:52	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41170	No
117	GOM_NL__2PRFIN20100114_064400_000000552086_00034_41170_0036.N1	14-JAN-2010 06:44:00	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41170	No
118	GOM_NL__2PRFIN20100114_064523_000000532086_00034_41170_0037.N1	14-JAN-2010 06:45:23	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41170	No
119	GOM_NL__2PRFIN20100114_064735_000000492086_00034_41170_0038.N1	14-JAN-2010 06:47:35	Twi_and_stray	48.500	104	27Bet Lib	2.6140	13100.	97	41170	No
120	GOM_NL__2PRFIN20100114_064934_000000442086_00034_41170_0039.N1	14-JAN-2010 06:49:34	Twi_and_stray	43.500	80	7Del Sco	2.3160	30000.	87	41170	No
121	GOM_NL__2PRFIN20100114_065503_000000412086_00034_41170_0040.N1	14-JAN-2010 06:55:03	Dark	41.000	131	Gam Lup	2.8000	26000.	82	41170	No
122	GOM_NL__2PRFIN20100114_065646_000000422086_00034_41170_0041.N1	14-JAN-2010 06:56:46	Dark	41.500	109	Bet Lup	2.6770	26000.	83	41170	No
123	GOM_NL__2PRFIN20100114_065816_000000402086_00034_41170_0042.N1	14-JAN-2010 06:58:16	Dark	40.000	78	Alp Lup	2.3040	28000.	80	41170	No
124	GOM_NL__2PRFIN20100114_070016_000000432086_00035_41171_0021.N1	14-JAN-2010 07:00:16	Dark	42.500	95	Zet Cen	2.5450	26000.	85	41171	No
125	GOM_NL__2PRFIN20100114_070151_000000432086_00035_41171_0022.N1	14-JAN-2010 07:01:51	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41171	No
126	GOM_NL__2PRFIN20100114_070423_000000422086_00035_41171_0023.N1	14-JAN-2010 07:04:23	Dark	42.000	20	Bet Cru	1.2530	30000.	84	41171	No
127	GOM_NL__2PRFIN20100114_070832_000000392086_00035_41171_0024.N1	14-JAN-2010 07:08:32	Dark	38.500	124	The Car	2.7640	30000.	77	41171	No
128	GOM_NL__2PRFIN20100114_070959_000000372086_00035_41171_0025.N1	14-JAN-2010 07:09:59	Dark	36.500	159	Ups Car	2.9200	7200.0	73	41171	No
129	GOM_NL__2PRFIN20100114_071307_000000472086_00035_41171_0026.N1	14-JAN-2010 07:13:07	Dark	47.000	41	Eps Car	1.8600	4100.0	94	41171	No
130	GOM_NL__2PRFIN20100114_071626_000000402086_00035_41171_0027.N1	14-JAN-2010 07:16:26	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	41171	No
131	GOM_NL__2PRFIN20100114_071835_000000442086_00035_41171_0028.N1	14-JAN-2010 07:18:35	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41171	No
132	GOM_NL__2PRFIN20100114_072017_000000462086_00035_41171_0029.N1	14-JAN-2010 07:20:17	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	41171	No
133	GOM_NL__2PRFIN20100114_072251_000000442086_00035_41171_0030.N1	14-JAN-2010 07:22:51	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41171	No
134	GOM_NL__2PRFIN20100114_072417_000000412086_00035_41171_0031.N1	14-JAN-2010 07:24:17	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41171	No
135	GOM_NL__2PRFIN20100114_072631_000000462086_00035_41171_0032.N1	14-JAN-2010 07:26:31	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	41171	No
136	GOM_NL__2PRFIN20100114_073323_000000512086_00035_41171_0033.N1	14-JAN-2010 07:33:23	Twi_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	41171	No
137	GOM_NL__2PRFIN20100114_073615_000000442086_00035_41171_0034.N1	14-JAN-2010 07:36:15	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	41171	No
138	GOM_NL__2PRFIN20100114_073758_000000532086_00035_41171_0035.N1	14-JAN-2010 07:37:58	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	41171	No
139	GOM_NL__2PRFIN20100114_074206_000000372086_00035_41171_0036.N1	14-JAN-2010 07:42:06	Bright	36.500	107	37The Aur	2.6490	11000.	73	41171	No
140	GOM_NL__2PRFIN20100114_074418_000000382086_00035_41171_0037.N1	14-JAN-2010 07:44:18	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41171	No
141	GOM_NL__2PRFIN20100114_075650_000000332086_00035_41171_0038.N1	14-JAN-2010 07:56:50	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	41171	No
142	GOM_NL__2PRFIN20100114_080051_000000362086_00035_41171_0039.N1	14-JAN-2010 08:00:51	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41171	No
143	GOM_NL__2PRFIN20100114_080508_000000532086_00035_41171_0040.N1	14-JAN-2010 08:05:08	Bright	52.500	119	14Eta Dra	2.7270	4700.0	105	41171	No
144	GOM_NL__2PRFIN20100114_081356_000000372086_00035_41171_0041.N1	14-JAN-2010 08:13:56	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	41171	No
145	GOM_NL__2PRFIN20100114_081609_000000622086_00035_41171_0042.N1	14-JAN-2010 08:16:09	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41171	No
146	GOM_NL__2PRFIN20100114_082228_000000432086_00035_41171_0043.N1	14-JAN-2010 08:22:28	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	41171	No
147	GOM_NL__2PRFIN20100114_082436_000000552086_00035_41171_0044.N1	14-JAN-2010 08:24:36	Bright	55.000	120	1Del Oph	2.7340	3200.0	110	41171	No
148	GOM_NL__2PRFIN20100114_082600_000000532086_00035_41171_0045.N1	14-JAN-2010 08:26:00	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41171	No
149	GOM_NL__2PRFIN20100114_082812_000000512086_00035_41171_0046.N1	14-JAN-2010 08:28:12	Twi_and_stray	50.500	104	27Bet Lib	2.6140	13100.	101	41171	No
150	GOM_NL__2PRFIN20100114_083011_000000422086_00035_41171_0047.N1	14-JAN-2010 08:30:11	Twi_and_stray	41.500	80	7Del Sco	2.3160	30000.	83	41171	No
151	GOM_NL__2PRFIN20100114_083539_000000412086_00035_41171_0048.N1	14-JAN-2010 08:35:39	Dark	41.000	131	Gam Lup	2.8000	26000.	82	41171	No
152	GOM_NL__2PRFIN20100114_083722_000000412086_00035_41171_0049.N1	14-JAN-2010 08:37:22	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41171	No
153	GOM_NL__2PRFIN20100114_083853_000000412086_00035_41171_0050.N1	14-JAN-2010 08:38:53	Dark	40.500	78	Alp Lup	2.3040	28000.	81	41171	No
154	GOM_NL__2PRFIN20100114_084052_000000422086_00036_41172_0031.N1	14-JAN-2010 08:40:52	Dark	41.500	95	Zet Cen	2.5450	26000.	83	41172	No
155	GOM_NL__2PRFIN20100114_084227_000000432086_00036_41172_0032.N1	14-JAN-2010 08:42:27	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41172	No
156	GOM_NL__2PRFIN20100114_084500_000000412086_00036_41172_0033.N1	14-JAN-2010 08:45:00	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41172	No
157	GOM_NL__2PRFIN20100114_084909_000000392086_00036_41172_0034.N1	14-JAN-2010 08:49:09	Dark	38.500	124	The Car	2.7640	30000.	77	41172	No
158	GOM_NL__2PRFIN20100114_085035_000000392086_00036_41172_0035.N1	14-JAN-2010 08:50:35	Dark	38.500	159	Ups Car	2.9200	7200.0	77	41172	No
159	GOM_NL__2PRFIN20100114_085226_000000402086_00036_41172_0036.N1	14-JAN-2010 08:52:26	Dark	40.000	71	lot Car	2.2460	7700.0	80	41172	No
160	GOM_NL__2PRFIN20100114_085343_000000452086_00036_41172_0037.N1	14-JAN-2010 08:53:43	Dark	45.000	41	Eps Car	1.8600	4100.0	90	41172	No

161	GOM_NL__2PRFIN20100114_085703_000000452086_00036_41172_0038.N1	14-JAN-2010 08:57:03	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	41172	No
162	GOM_NL__2PRFIN20100114_085912_000000442086_00036_41172_0039.N1	14-JAN-2010 08:59:12	Dark	44.000	70	Zet Pup	2.2460	39000.	88	41172	No
163	GOM_NL__2PRFIN20100114_090053_000000432086_00036_41172_0040.N1	14-JAN-2010 09:00:53	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41172	No
164	GOM_NL__2PRFIN20100114_090327_000000412086_00036_41172_0041.N1	14-JAN-2010 09:03:27	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	41172	No
165	GOM_NL__2PRFIN20100114_090453_000000402086_00036_41172_0042.N1	14-JAN-2010 09:04:53	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	41172	No
166	GOM_NL__2PRFIN20100114_090707_000000492086_00036_41172_0043.N1	14-JAN-2010 09:07:07	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	41172	No
167	GOM_NL__2PRFIN20100114_091359_000000512086_00036_41172_0044.N1	14-JAN-2010 09:13:59	Tw_i_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	41172	No
168	GOM_NL__2PRFIN20100114_091651_000000372086_00036_41172_0045.N1	14-JAN-2010 09:16:51	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	41172	No
169	GOM_NL__2PRFIN20100114_091834_000000432086_00036_41172_0046.N1	14-JAN-2010 09:18:34	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	41172	No
170	GOM_NL__2PRFIN20100114_092242_000000372086_00036_41172_0047.N1	14-JAN-2010 09:22:42	Bright	37.000	107	37The Aur	2.6490	11000.	74	41172	No
171	GOM_NL__2PRFIN20100114_092454_000000372086_00036_41172_0048.N1	14-JAN-2010 09:24:54	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41172	No
172	GOM_NL__2PRFIN20100114_093726_000000352086_00036_41172_0049.N1	14-JAN-2010 09:37:26	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	41172	No
173	GOM_NL__2PRFIN20100114_094127_000000422086_00036_41172_0050.N1	14-JAN-2010 09:41:27	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41172	No
174	GOM_NL__2PRFIN20100114_094544_000000402086_00036_41172_0051.N1	14-JAN-2010 09:45:44	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	41172	No
175	GOM_NL__2PRFIN20100114_095432_000000362086_00036_41172_0052.N1	14-JAN-2010 09:54:32	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41172	No
176	GOM_NL__2PRFIN20100114_095645_000000622086_00036_41172_0053.N1	14-JAN-2010 09:56:45	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41172	No
177	GOM_NL__2PRFIN20100114_100304_000000612086_00036_41172_0054.N1	14-JAN-2010 10:03:04	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41172	No
178	GOM_NL__2PRFIN20100114_100513_000000442086_00036_41172_0055.N1	14-JAN-2010 10:05:13	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	41172	No
179	GOM_NL__2PRFIN20100114_100636_000000472086_00036_41172_0056.N1	14-JAN-2010 10:06:36	Bright	46.500	98	13Zet Oph	2.5710	30000.	93	41172	No
180	GOM_NL__2PRFIN20100114_100849_000000492086_00036_41172_0057.N1	14-JAN-2010 10:08:49	Tw_i_and_stray	49.000	104	27Bet Lib	2.6140	13100.	98	41172	No
181	GOM_NL__2PRFIN20100114_101047_000000432086_00036_41172_0058.N1	14-JAN-2010 10:10:47	Tw_i_and_stray	42.500	80	7Del Sco	2.3160	30000.	85	41172	No
182	GOM_NL__2PRFIN20100114_101616_000000392086_00036_41172_0059.N1	14-JAN-2010 10:16:16	Dark	38.500	131	Gam Lup	2.8000	26000.	77	41172	No
183	GOM_NL__2PRFIN20100114_101759_000000412086_00036_41172_0060.N1	14-JAN-2010 10:17:59	Dark	40.500	109	Bet Lup	2.6770	26000.	81	41172	No
184	GOM_NL__2PRFIN20100114_101929_000000402086_00036_41172_0061.N1	14-JAN-2010 10:19:29	Dark	40.000	78	Alp Lup	2.3040	28000.	80	41172	No
185	GOM_NL__2PRFIN20100114_102129_000000422086_00037_41173_0040.N1	14-JAN-2010 10:21:29	Dark	42.000	95	Zet Cen	2.5450	26000.	84	41173	No
186	GOM_NL__2PRFIN20100114_102304_000000402086_00037_41173_0041.N1	14-JAN-2010 10:23:04	Dark	39.500	10	Bet Cen	0.61000	28000.	79	41173	No
187	GOM_NL__2PRFIN20100114_102536_000000442086_00037_41173_0042.N1	14-JAN-2010 10:25:36	Dark	43.500	20	Bet Cru	1.2530	30000.	87	41173	No
188	GOM_NL__2PRFIN20100114_102945_000000392086_00037_41173_0043.N1	14-JAN-2010 10:29:45	Dark	38.500	124	The Car	2.7640	30000.	77	41173	No
189	GOM_NL__2PRFIN20100114_103111_000000392086_00037_41173_0044.N1	14-JAN-2010 10:31:11	Dark	38.500	159	Ups Car	2.9200	7200.0	77	41173	No
190	GOM_NL__2PRFIN20100114_103303_000000482086_00037_41173_0045.N1	14-JAN-2010 10:33:03	Dark	48.000	71	lot Car	2.2460	7700.0	96	41173	No
191	GOM_NL__2PRFIN20100114_103419_000000522086_00037_41173_0046.N1	14-JAN-2010 10:34:19	Dark	52.000	41	Eps Car	1.8600	4100.0	104	41173	No
192	GOM_NL__2PRFIN20100114_103739_000000462086_00037_41173_0047.N1	14-JAN-2010 10:37:39	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	41173	No
193	GOM_NL__2PRFIN20100114_103948_000000422086_00037_41173_0048.N1	14-JAN-2010 10:39:48	Dark	41.500	70	Zet Pup	2.2460	39000.	83	41173	No
194	GOM_NL__2PRFIN20100114_104129_000000462086_00037_41173_0049.N1	14-JAN-2010 10:41:29	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	41173	No
195	GOM_NL__2PRFIN20100114_104404_000000442086_00037_41173_0050.N1	14-JAN-2010 10:44:04	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	41173	No
196	GOM_NL__2PRFIN20100114_104529_000000402086_00037_41173_0051.N1	14-JAN-2010 10:45:29	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	41173	No
197	GOM_NL__2PRFIN20100114_104743_000000452086_00037_41173_0052.N1	14-JAN-2010 10:47:43	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	41173	No
198	GOM_NL__2PRFIN20100114_105435_000000542086_00037_41173_0053.N1	14-JAN-2010 10:54:35	Tw_i_and_stray	53.500	8	10Alp CMi	0.40000	6500.0	107	41173	No
199	GOM_NL__2PRFIN20100114_105910_000000412086_00037_41173_0054.N1	14-JAN-2010 10:59:10	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	41173	No
200	GOM_NL__2PRFIN20100114_110318_000000362086_00037_41173_0055.N1	14-JAN-2010 11:03:18	Bright	36.000	107	37The Aur	2.6490	11000.	72	41173	No
201	GOM_NL__2PRFIN20100114_110529_000000372086_00037_41173_0056.N1	14-JAN-2010 11:05:29	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41173	No
202	GOM_NL__2PRFIN20100114_111802_000000392086_00037_41173_0057.N1	14-JAN-2010 11:18:02	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	41173	No
203	GOM_NL__2PRFIN20100114_112203_000000452086_00037_41173_0058.N1	14-JAN-2010 11:22:03	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	41173	No
204	GOM_NL__2PRFIN20100114_112620_000000372086_00037_41173_0059.N1	14-JAN-2010 11:26:20	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	41173	No
205	GOM_NL__2PRFIN20100114_113508_000000362086_00037_41173_0060.N1	14-JAN-2010 11:35:08	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41173	No
206	GOM_NL__2PRFIN20100114_113721_000000422086_00037_41173_0061.N1	14-JAN-2010 11:37:21	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	41173	No
207	GOM_NL__2PRFIN20100114_114340_000000612086_00037_41173_0062.N1	14-JAN-2010 11:43:40	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41173	No
208	GOM_NL__2PRFIN20100114_114549_000000562086_00037_41173_0063.N1	14-JAN-2010 11:45:49	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41173	No
209	GOM_NL__2PRFIN20100114_114712_000000362086_00037_41173_0064.N1	14-JAN-2010 11:47:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	41173	No
210	GOM_NL__2PRFIN20100114_114925_000000462086_00037_41173_0065.N1	14-JAN-2010 11:49:25	Tw_i_and_stray	46.000	104	27Bet Lib	2.6140	13100.	92	41173	No
211	GOM_NL__2PRFIN20100114_115124_000000392086_00037_41173_0066.N1	14-JAN-2010 11:51:24	Tw_i_and_stray	39.000	80	7Del Sco	2.3160	30000.	78	41173	No
212	GOM_NL__2PRFIN20100114_115652_000000392086_00037_41173_0067.N1	14-JAN-2010 11:56:52	Dark	39.000	131	Gam Lup	2.8000	26000.	78	41173	No
213	GOM_NL__2PRFIN20100114_115835_000000412086_00037_41173_0068.N1	14-JAN-2010 11:58:35	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41173	No
214	GOM_NL__2PRFIN20100114_120006_000000462086_00037_41173_0069.N1	14-JAN-2010 12:00:06	Dark	45.500	78	Alp Lup	2.3040	28000.	91	41173	No
215	GOM_NL__2PRFIN20100114_120206_000000422086_00038_41174_0049.N1	14-JAN-2010 12:02:06	Dark	42.000	95	Zet Cen	2.5450	26000.	84	41174	No
216	GOM_NL__2PRFIN20100114_120613_000000432086_00038_41174_0050.N1	14-JAN-2010 12:06:13	Dark	42.500	20	Bet Cru	1.2530	30000.	85	41174	No
217	GOM_NL__2PRFIN20100114_121021_000000392086_00038_41174_0051.N1	14-JAN-2010 12:10:21	Dark	38.500	124	The Car	2.7640	30000.	77	41174	No
218	GOM_NL__2PRFIN20100114_121148_000000382086_00038_41174_0052.N1	14-JAN-2010 12:11:48	Dark	37.500	159	Ups Car	2.9200	7200.0	75	41174	No
219	GOM_NL__2PRFIN20100114_121339_000000402086_00038_41174_0053.N1	14-JAN-2010 12:13:39	Dark	40.000	71	lot Car	2.2460	7700.0	80	41174	No

220	GOM_NL__2PRFIN20100114_152726_000000452086_00040_41176_0071.N1	14-JAN-2010 15:27:26	Dark	44.500	20	Bet Cru	1.2530	30000.	89	41176	No
221	GOM_NL__2PRFIN20100114_153134_000000392086_00040_41176_0072.N1	14-JAN-2010 15:31:34	Dark	39.000	124	The Car	2.7640	30000.	78	41176	No
222	GOM_NL__2PRFIN20100114_153300_000000392086_00040_41176_0073.N1	14-JAN-2010 15:33:00	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41176	No
223	GOM_NL__2PRFIN20100114_153608_000000512086_00040_41176_0074.N1	14-JAN-2010 15:36:08	Dark	50.500	41	Eps Car	1.8600	4100.0	101	41176	No
224	GOM_NL__2PRFIN20100114_153928_000000432086_00040_41176_0075.N1	14-JAN-2010 15:39:28	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41176	No
225	GOM_NL__2PRFIN20100114_154136_000000442086_00040_41176_0076.N1	14-JAN-2010 15:41:36	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41176	No
226	GOM_NL__2PRFIN20100114_154318_000000452086_00040_41176_0077.N1	14-JAN-2010 15:43:18	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41176	No
227	GOM_NL__2PRFIN20100114_154552_000000442086_00040_41176_0078.N1	14-JAN-2010 15:45:52	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41176	No
228	GOM_NL__2PRFIN20100114_154718_000000412086_00040_41176_0079.N1	14-JAN-2010 15:47:18	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41176	No
229	GOM_NL__2PRFIN20100114_154932_000000482086_00040_41176_0080.N1	14-JAN-2010 15:49:32	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	41176	No
230	GOM_NL__2PRFIN20100114_155621_000000562086_00040_41176_0081.N1	14-JAN-2010 15:56:21	Tw_i_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	41176	No
231	GOM_NL__2PRFIN20100114_155914_000000472086_00040_41176_0082.N1	14-JAN-2010 15:59:14	Bright	46.500	44	24Gam Gem	1.9280	11000.	93	41176	No
232	GOM_NL__2PRFIN20100114_160057_000000462086_00040_41176_0083.N1	14-JAN-2010 16:00:57	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	41176	No
233	GOM_NL__2PRFIN20100114_160505_000000372086_00040_41176_0084.N1	14-JAN-2010 16:05:05	Bright	36.500	107	37The Aur	2.6490	11000.	73	41176	No
234	GOM_NL__2PRFIN20100114_160717_000000372086_00040_41176_0085.N1	14-JAN-2010 16:07:17	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	41176	No
235	GOM_NL__2PRFIN20100114_161949_000000362086_00040_41176_0086.N1	14-JAN-2010 16:19:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41176	No
236	GOM_NL__2PRFIN20100114_162350_000000432086_00040_41176_0087.N1	14-JAN-2010 16:23:50	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41176	No
237	GOM_NL__2PRFIN20100114_162807_000000402086_00040_41176_0088.N1	14-JAN-2010 16:28:07	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	41176	No
238	GOM_NL__2PRFIN20100114_163657_000000362086_00040_41176_0089.N1	14-JAN-2010 16:36:57	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41176	No
239	GOM_NL__2PRFIN20100114_163910_000000622086_00040_41176_0090.N1	14-JAN-2010 16:39:10	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41176	No
240	GOM_NL__2PRFIN20100114_164530_000000612086_00040_41176_0091.N1	14-JAN-2010 16:45:30	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41176	No
241	GOM_NL__2PRFIN20100114_164738_000000562086_00040_41176_0092.N1	14-JAN-2010 16:47:38	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41176	No
242	GOM_NL__2PRFIN20100114_164901_000000342086_00040_41176_0093.N1	14-JAN-2010 16:49:01	Bright	34.000	98	13Zet Oph	2.5710	30000.	68	41176	No
243	GOM_NL__2PRFIN20100114_165115_000000482086_00040_41176_0094.N1	14-JAN-2010 16:51:15	Tw_i_and_stray	47.500	104	27Bet Lib	2.6140	13100.	95	41176	No
244	GOM_NL__2PRFIN20100114_165313_000000452086_00040_41176_0095.N1	14-JAN-2010 16:53:13	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	41176	No
245	GOM_NL__2PRFIN20100114_165841_000000402086_00040_41176_0096.N1	14-JAN-2010 16:58:41	Dark	39.500	131	Gam Lup	2.8000	26000.	79	41176	No
246	GOM_NL__2PRFIN20100114_170025_000000412086_00040_41176_0097.N1	14-JAN-2010 17:00:25	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41176	No
247	GOM_NL__2PRFIN20100114_170156_000000422086_00040_41176_0098.N1	14-JAN-2010 17:01:56	Dark	42.000	78	Alp Lup	2.3040	28000.	84	41176	No
248	GOM_NL__2PRFIN20100114_170356_000000422086_00041_41177_0080.N1	14-JAN-2010 17:03:56	Dark	42.000	95	Zet Cen	2.5450	26000.	84	41177	No
249	GOM_NL__2PRFIN20100114_170802_000000502086_00041_41177_0081.N1	14-JAN-2010 17:08:02	Dark	50.000	20	Bet Cru	1.2530	30000.	100	41177	No
250	GOM_NL__2PRFIN20100114_171210_000000382086_00041_41177_0082.N1	14-JAN-2010 17:12:10	Dark	38.000	124	The Car	2.7640	30000.	76	41177	No
251	GOM_NL__2PRFIN20100114_171337_000000392086_00041_41177_0083.N1	14-JAN-2010 17:13:37	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41177	No
252	GOM_NL__2PRFIN20100114_171528_000000402086_00041_41177_0084.N1	14-JAN-2010 17:15:28	Dark	39.500	71	lot Car	2.2460	7700.0	79	41177	No
253	GOM_NL__2PRFIN20100114_172004_000000432086_00041_41177_0085.N1	14-JAN-2010 17:20:04	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41177	No
254	GOM_NL__2PRFIN20100114_172213_000000452086_00041_41177_0086.N1	14-JAN-2010 17:22:13	Dark	45.000	70	Zet Pup	2.2460	39000.	90	41177	No
255	GOM_NL__2PRFIN20100114_172354_000000442086_00041_41177_0087.N1	14-JAN-2010 17:23:54	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	41177	No
256	GOM_NL__2PRFIN20100114_172628_000000432086_00041_41177_0088.N1	14-JAN-2010 17:26:28	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41177	No
257	GOM_NL__2PRFIN20100114_172753_000000412086_00041_41177_0089.N1	14-JAN-2010 17:27:53	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41177	No
258	GOM_NL__2PRFIN20100114_173008_000000452086_00041_41177_0090.N1	14-JAN-2010 17:30:08	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	41177	No
259	GOM_NL__2PRFIN20100114_173657_000000582086_00041_41177_0091.N1	14-JAN-2010 17:36:57	Tw_i_and_stray	58.000	8	10Alp CMi	0.40000	6500.0	116	41177	No
260	GOM_NL__2PRFIN20100114_173950_000000492086_00041_41177_0092.N1	14-JAN-2010 17:39:50	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	41177	No
261	GOM_NL__2PRFIN20100114_174133_000000462086_00041_41177_0093.N1	14-JAN-2010 17:41:33	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	41177	No
262	GOM_NL__2PRFIN20100114_174541_000000382086_00041_41177_0094.N1	14-JAN-2010 17:45:41	Bright	37.500	107	37The Aur	2.6490	11000.	75	41177	No
263	GOM_NL__2PRFIN20100114_174753_000000372086_00041_41177_0095.N1	14-JAN-2010 17:47:53	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41177	No
264	GOM_NL__2PRFIN20100114_180025_000000522086_00041_41177_0096.N1	14-JAN-2010 18:00:25	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	41177	No
265	GOM_NL__2PRFIN20100114_180426_000000402086_00041_41177_0097.N1	14-JAN-2010 18:04:26	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41177	No
266	GOM_NL__2PRFIN20100114_180844_000000342086_00041_41177_0098.N1	14-JAN-2010 18:08:44	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	41177	No
267	GOM_NL__2PRFIN20100114_181733_000000342086_00041_41177_0099.N1	14-JAN-2010 18:17:33	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	41177	No
268	GOM_NL__2PRFIN20100114_181946_000000622086_00041_41177_0100.N1	14-JAN-2010 18:19:46	Bright	62.000	67	5Alp CrB	2.2210	11000.	124	41177	No
269	GOM_NL__2PRFIN20100114_182606_000000612086_00041_41177_0101.N1	14-JAN-2010 18:26:06	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41177	No
270	GOM_NL__2PRFIN20100114_182814_000000412086_00041_41177_0102.N1	14-JAN-2010 18:28:14	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	41177	No
271	GOM_NL__2PRFIN20100114_182937_000000532086_00041_41177_0103.N1	14-JAN-2010 18:29:37	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41177	No
272	GOM_NL__2PRFIN20100114_183152_000000482086_00041_41177_0104.N1	14-JAN-2010 18:31:52	Tw_i_and_stray	47.500	104	27Bet Lib	2.6140	13100.	95	41177	No
273	GOM_NL__2PRFIN20100114_183349_000000462086_00041_41177_0105.N1	14-JAN-2010 18:33:49	Tw_i_and_stray	45.500	80	7Del Sco	2.3160	30000.	91	41177	No
274	GOM_NL__2PRFIN20100114_183918_000000402086_00041_41177_0106.N1	14-JAN-2010 18:39:18	Dark	39.500	131	Gam Lup	2.8000	26000.	79	41177	No
275	GOM_NL__2PRFIN20100114_184102_000000412086_00041_41177_0107.N1	14-JAN-2010 18:41:02	Dark	40.500	109	Bet Lup	2.6770	26000.	81	41177	No
276	GOM_NL__2PRFIN20100114_184232_000000412086_00041_41177_0108.N1	14-JAN-2010 18:42:32	Dark	41.000	78	Alp Lup	2.3040	28000.	82	41177	No
277	GOM_NL__2PRFIN20100114_184433_000000462086_00042_41178_0109.N1	14-JAN-2010 18:44:33	Dark	45.500	95	Zet Cen	2.5450	26000.	91	41178	No
278	GOM_NL__2PRFIN20100114_184839_000000382086_00042_41178_0110.N1	14-JAN-2010 18:48:39	Dark	38.000	20	Bet Cru	1.2530	30000.	76	41178	No

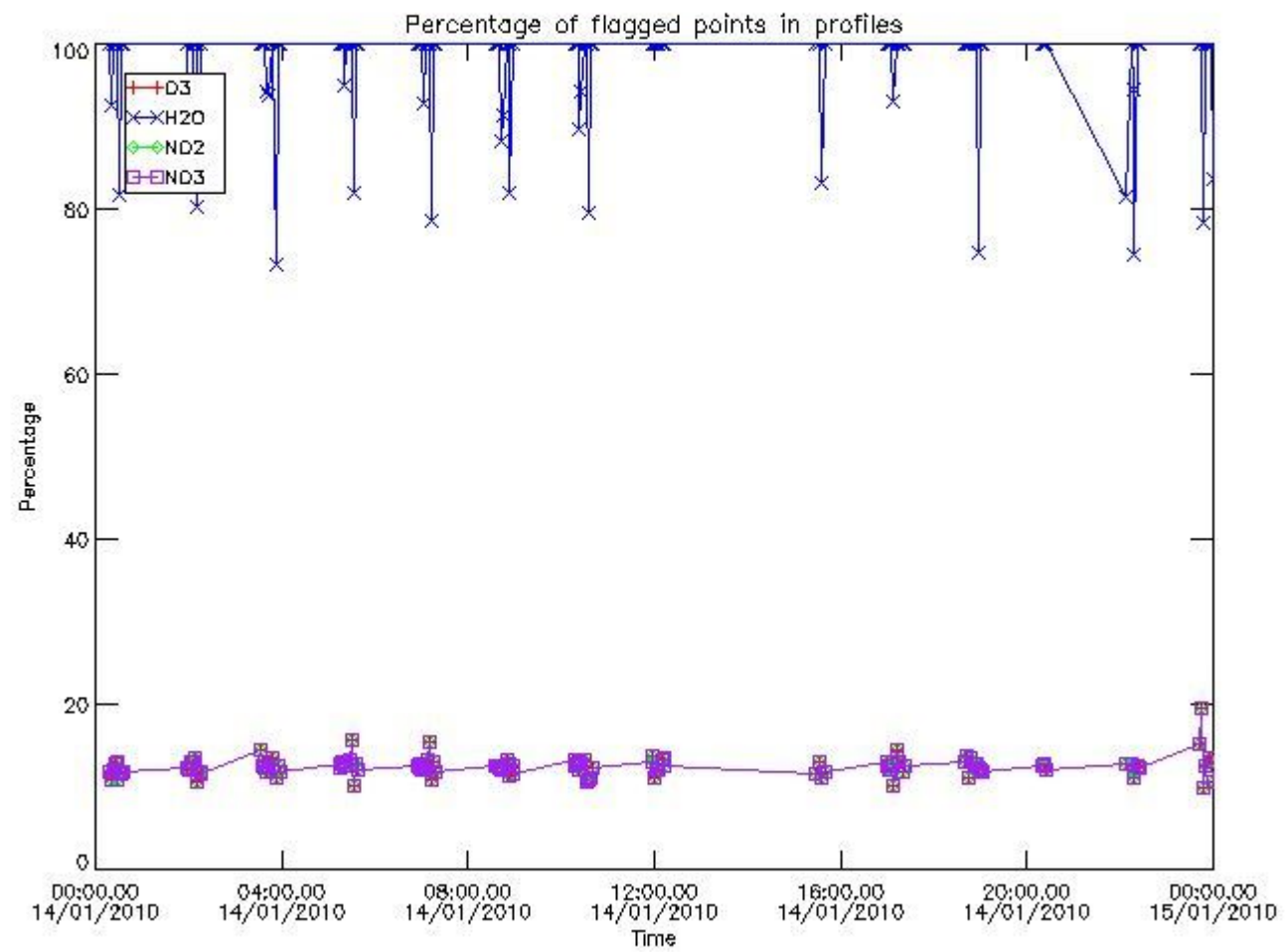
279	GOM_NL__2PRFIN20100114_185247_000000402086_00042_41178_0111.N1	14-JAN-2010 18:52:47	Dark	40.000	124	The Car	2.7640	30000.	80	41178	No
280	GOM_NL__2PRFIN20100114_185413_000000402086_00042_41178_0112.N1	14-JAN-2010 18:54:13	Dark	40.000	159	Ups Car	2.9200	7200.0	80	41178	No
281	GOM_NL__2PRFIN20100114_185720_000000462086_00042_41178_0113.N1	14-JAN-2010 18:57:20	Dark	46.000	41	Eps Car	1.8600	4100.0	92	41178	No
282	GOM_NL__2PRFIN20100114_190040_000000432086_00042_41178_0114.N1	14-JAN-2010 19:00:40	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41178	No
283	GOM_NL__2PRFIN20100114_190249_000000442086_00042_41178_0115.N1	14-JAN-2010 19:02:49	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41178	No
284	GOM_NL__2PRFIN20100114_190431_000000452086_00042_41178_0116.N1	14-JAN-2010 19:04:31	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41178	No
285	GOM_NL__2PRFIN20100114_190704_000000432086_00042_41178_0117.N1	14-JAN-2010 19:07:04	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41178	No
286	GOM_NL__2PRFIN20100114_190830_000000412086_00042_41178_0118.N1	14-JAN-2010 19:08:30	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41178	No
287	GOM_NL__2PRFIN20100114_191044_000000442086_00042_41178_0119.N1	14-JAN-2010 19:10:44	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	41178	No
288	GOM_NL__2PRFIN20100114_191733_000000632086_00042_41178_0120.N1	14-JAN-2010 19:17:33	Tw_i_and_stray	63.000	8	10Alp CMi	0.40000	6500.0	126	41178	No
289	GOM_NL__2PRFIN20100114_192026_000000472086_00042_41178_0121.N1	14-JAN-2010 19:20:26	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	41178	No
290	GOM_NL__2PRFIN20100114_192209_000000462086_00042_41178_0122.N1	14-JAN-2010 19:22:09	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	41178	No
291	GOM_NL__2PRFIN20100114_192617_000000352086_00042_41178_0123.N1	14-JAN-2010 19:26:17	Bright	35.000	107	37The Aur	2.6490	11000.	70	41178	No
292	GOM_NL__2PRFIN20100114_192829_000000372086_00042_41178_0124.N1	14-JAN-2010 19:28:29	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41178	No
293	GOM_NL__2PRFIN20100114_194102_000000382086_00042_41178_0125.N1	14-JAN-2010 19:41:02	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41178	No
294	GOM_NL__2PRFIN20100114_194502_000000372086_00042_41178_0126.N1	14-JAN-2010 19:45:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41178	No
295	GOM_NL__2PRFIN20100114_194919_000000372086_00042_41178_0127.N1	14-JAN-2010 19:49:19	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	41178	No
296	GOM_NL__2PRFIN20100114_195809_000000362086_00042_41178_0128.N1	14-JAN-2010 19:58:09	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41178	No
297	GOM_NL__2PRFIN20100114_200022_000000422086_00042_41178_0129.N1	14-JAN-2010 20:00:22	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	41178	No
298	GOM_NL__2PRFIN20100114_200643_000000462086_00042_41178_0130.N1	14-JAN-2010 20:06:43	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	41178	No
299	GOM_NL__2PRFIN20100114_200851_000000562086_00042_41178_0131.N1	14-JAN-2010 20:08:51	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41178	No
300	GOM_NL__2PRFIN20100114_201013_000000532086_00042_41178_0132.N1	14-JAN-2010 20:10:13	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41178	No
301	GOM_NL__2PRFIN20100114_201228_000000502086_00042_41178_0133.N1	14-JAN-2010 20:12:28	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	41178	No
302	GOM_NL__2PRFIN20100114_201426_000000422086_00042_41178_0134.N1	14-JAN-2010 20:14:26	Tw_i_and_stray	42.000	80	7Del Sco	2.3160	30000.	84	41178	No
303	GOM_NL__2PRFIN20100114_201954_000000412086_00042_41178_0135.N1	14-JAN-2010 20:19:54	Dark	41.000	131	Gam Lup	2.8000	26000.	82	41178	No
304	GOM_NL__2PRFIN20100114_202138_000000402086_00042_41178_0136.N1	14-JAN-2010 20:21:38	Dark	40.000	109	Bet Lup	2.6770	26000.	80	41178	No
305	GOM_NL__2PRFIN20100114_202309_000000412086_00042_41178_0137.N1	14-JAN-2010 20:23:09	Dark	40.500	78	Alp Lup	2.3040	28000.	81	41178	No
306	GOM_NL__2PRFIN20100114_202509_000000422086_00043_41179_0118.N1	14-JAN-2010 20:25:09	Dark	42.000	95	Zet Cen	2.5450	26000.	84	41179	No
307	GOM_NL__2PRFIN20100114_220622_000000442086_00044_41180_0127.N1	14-JAN-2010 22:06:22	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41180	No
308	GOM_NL__2PRFIN20100114_221359_000000402086_00044_41180_0128.N1	14-JAN-2010 22:13:59	Dark	40.000	124	The Car	2.7640	30000.	80	41180	No
309	GOM_NL__2PRFIN20100114_221717_000000462086_00044_41180_0129.N1	14-JAN-2010 22:17:17	Dark	45.500	71	lot Car	2.2460	7700.0	91	41180	No
310	GOM_NL__2PRFIN20100114_221833_000000442086_00044_41180_0130.N1	14-JAN-2010 22:18:33	Dark	43.500	41	Eps Car	1.8600	4100.0	87	41180	No
311	GOM_NL__2PRFIN20100114_222153_000000412086_00044_41180_0131.N1	14-JAN-2010 22:21:53	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	41180	No
312	GOM_NL__2PRFIN20100114_222402_000000422086_00044_41180_0132.N1	14-JAN-2010 22:24:02	Dark	41.500	70	Zet Pup	2.2460	39000.	83	41180	No
313	GOM_NL__2PRFIN20100114_222543_000000432086_00044_41180_0133.N1	14-JAN-2010 22:25:43	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41180	No
314	GOM_NL__2PRFIN20100114_222816_000000422086_00044_41180_0134.N1	14-JAN-2010 22:28:16	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	41180	No
315	GOM_NL__2PRFIN20100114_222942_000000422086_00044_41180_0135.N1	14-JAN-2010 22:29:42	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	41180	No
316	GOM_NL__2PRFIN20100114_223156_000000422086_00044_41180_0136.N1	14-JAN-2010 22:31:56	Straylight	41.500	1	9Alp CMa	-1.4400	11000.	83	41180	No
317	GOM_NL__2PRFIN20100114_223906_000000522086_00044_41180_0137.N1	14-JAN-2010 22:39:06	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41180	No
318	GOM_NL__2PRFIN20100114_224138_000000442086_00044_41180_0138.N1	14-JAN-2010 22:41:38	Bright	44.000	44	24Gam Gem	1.9280	11000.	88	41180	No
319	GOM_NL__2PRFIN20100114_224303_000000412086_00044_41180_0139.N1	14-JAN-2010 22:43:03	Bright	40.500	176	23Zet Tau	3.0200	22000.	81	41180	No
320	GOM_NL__2PRFIN20100114_224729_000000362086_00044_41180_0140.N1	14-JAN-2010 22:47:29	Bright	36.000	107	37The Aur	2.6490	11000.	72	41180	No
321	GOM_NL__2PRFIN20100114_224940_000000372086_00044_41180_0141.N1	14-JAN-2010 22:49:40	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41180	No
322	GOM_NL__2PRFIN20100114_230213_000000362086_00044_41180_0142.N1	14-JAN-2010 23:02:13	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41180	No
323	GOM_NL__2PRFIN20100114_230613_000000392086_00044_41180_0143.N1	14-JAN-2010 23:06:13	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	41180	No
324	GOM_NL__2PRFIN20100114_231031_000000542086_00044_41180_0144.N1	14-JAN-2010 23:10:31	Bright	54.000	119	14Eta Dra	2.7270	4700.0	108	41180	No
325	GOM_NL__2PRFIN20100114_231304_000000462086_00044_41180_0145.N1	14-JAN-2010 23:13:04	Bright	46.000	130	23Bet Dra	2.7990	5800.0	92	41180	No
326	GOM_NL__2PRFIN20100114_231921_000000372086_00044_41180_0146.N1	14-JAN-2010 23:19:21	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	41180	No
327	GOM_NL__2PRFIN20100114_232226_000000392086_00044_41180_0147.N1	14-JAN-2010 23:22:26	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	41180	No
328	GOM_NL__2PRFIN20100114_232755_000000452086_00044_41180_0148.N1	14-JAN-2010 23:27:55	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	41180	No
329	GOM_NL__2PRFIN20100114_233003_000000412086_00044_41180_0149.N1	14-JAN-2010 23:30:03	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	41180	No
330	GOM_NL__2PRFIN20100114_233126_000000532086_00044_41180_0150.N1	14-JAN-2010 23:31:26	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41180	No
331	GOM_NL__2PRFIN20100114_233342_000000502086_00044_41180_0151.N1	14-JAN-2010 23:33:42	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	41180	No
332	GOM_NL__2PRFIN20100114_233553_000000532086_00044_41180_0152.N1	14-JAN-2010 23:35:53	Tw_i_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	41180	No
333	GOM_NL__2PRFIN20100114_234251_000000412086_00044_41180_0153.N1	14-JAN-2010 23:42:51	Dark	40.500	109	Bet Lup	2.6770	26000.	81	41180	No
334	GOM_NL__2PRFIN20100114_234422_000000392086_00044_41180_0154.N1	14-JAN-2010 23:44:22	Dark	39.000	78	Alp Lup	2.3040	28000.	78	41180	No
335	GOM_NL__2PRFIN20100114_234658_000000512086_00045_41181_0136.N1	14-JAN-2010 23:46:58	Dark	51.000	4	Alp1Cen	-0.010000	5800.0	102	41181	No
336	GOM_NL__2PRFIN20100114_235028_000000412086_00045_41181_0137.N1	14-JAN-2010 23:50:28	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41181	No
337	GOM_NL__2PRFIN20100114_235436_000000382086_00045_41181_0138.N1	14-JAN-2010 23:54:36	Dark	37.500	124	The Car	2.7640	30000.	75	41181	No

338	GOM_NL__2PRFIN20100114_235754_000000392086_00045_41181_0139.N1	14-JAN-2010 23:57:54	Dark	39.000	71	lot Car	2.2460	7700.0	78	41181	No
339	GOM_NL__2PRFIN20100114_235909_000000532086_00045_41181_0140.N1	14-JAN-2010 23:59:09	Dark	52.500	41	Eps Car	1.8600	4100.0	105	41181	No

3. Quality information per product

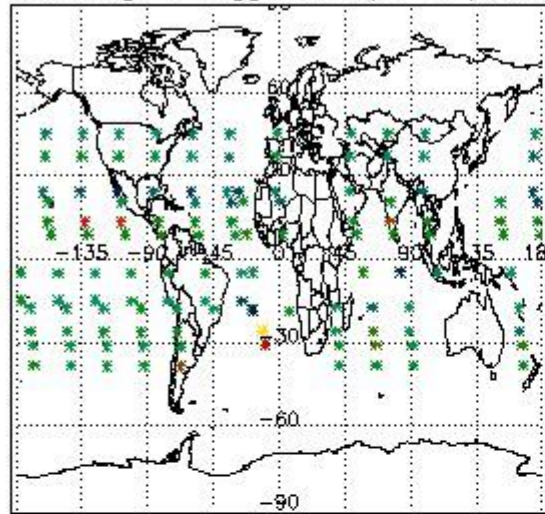
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

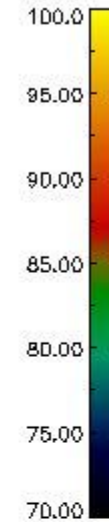
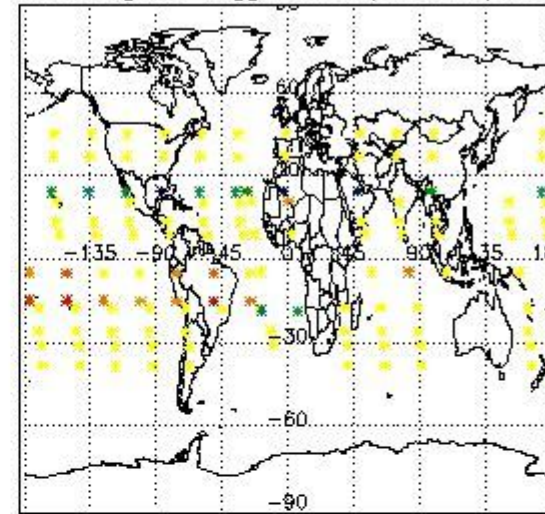


3.2 Plot quality information per product (world map)

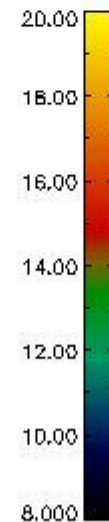
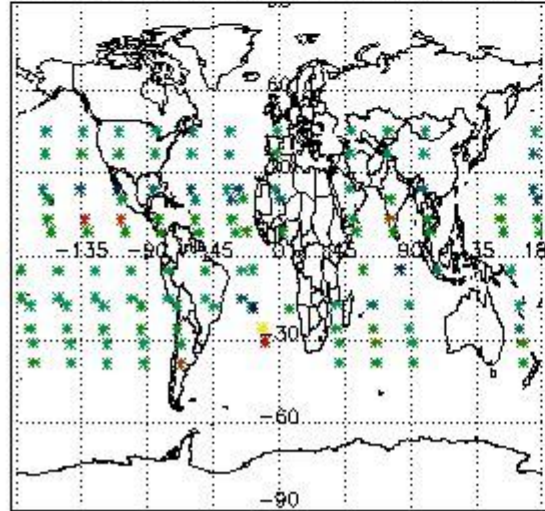
Percentage of flagged data per O3 profile



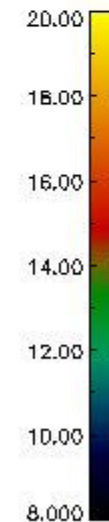
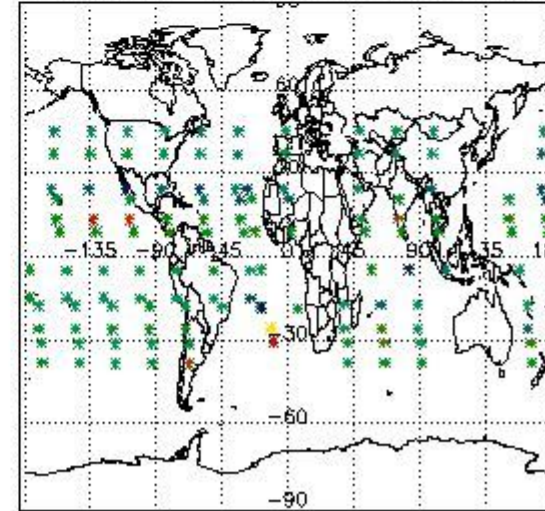
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

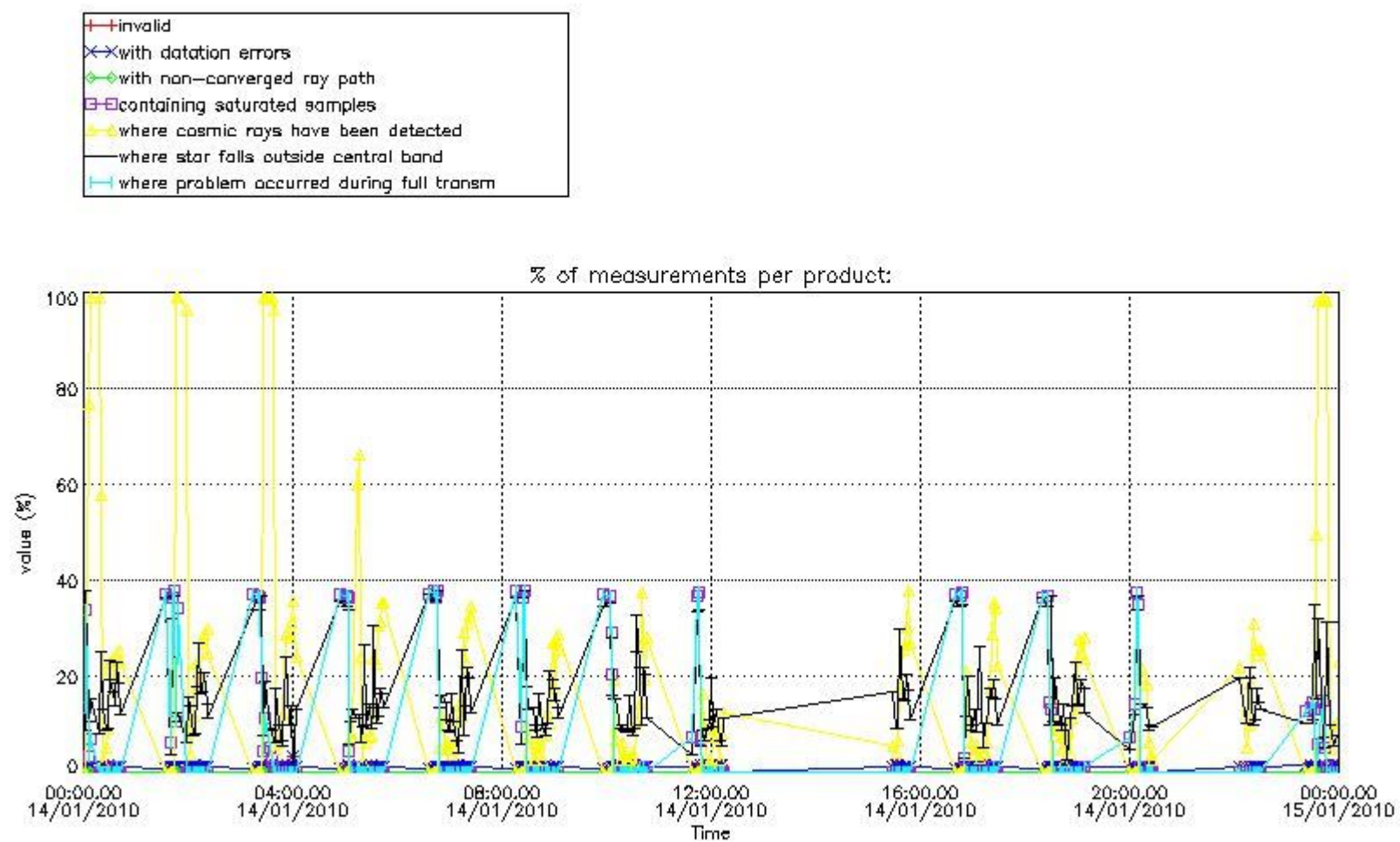


4. Level 1 quality information per product

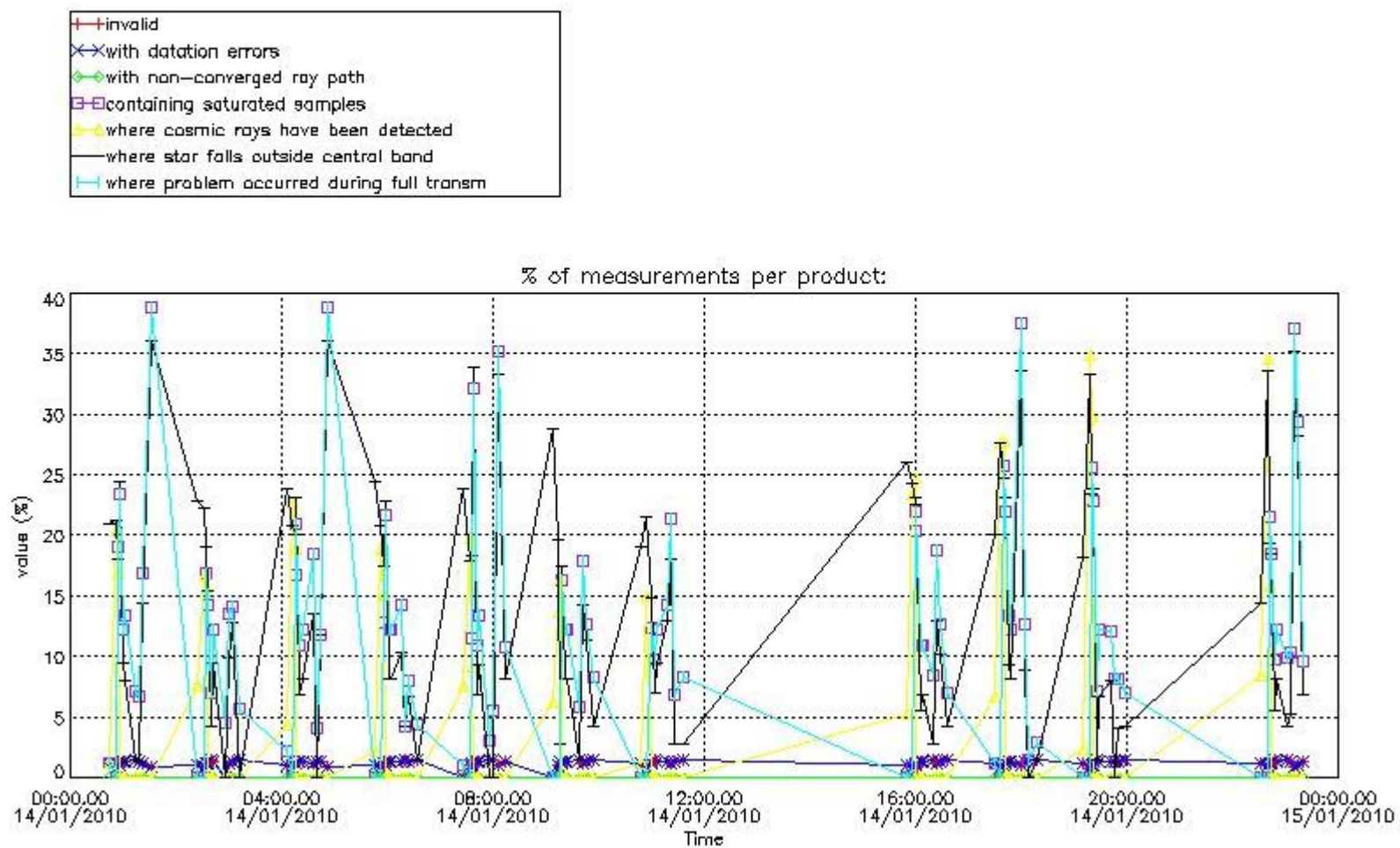
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



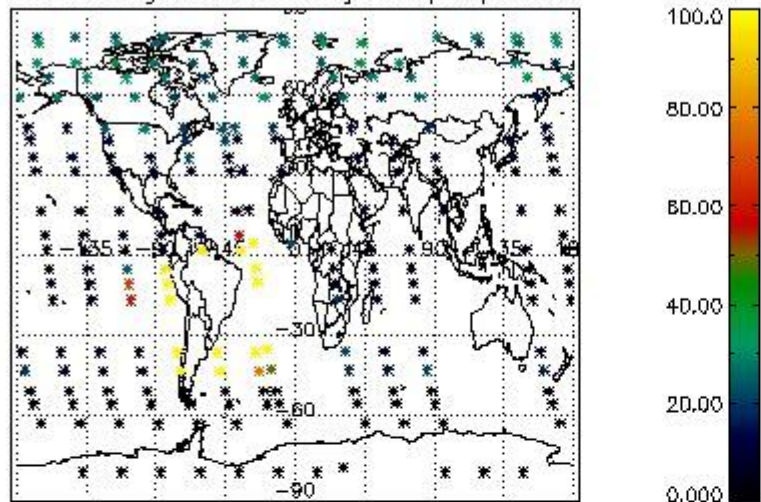
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



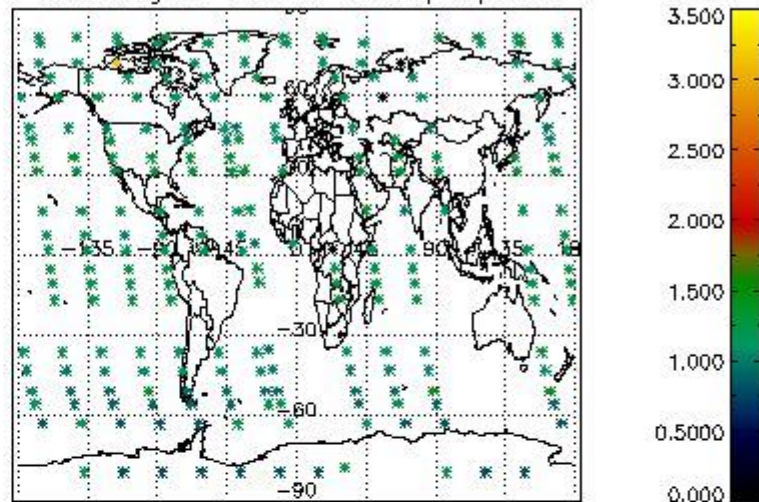
4.2 Plot quality information per product coming from level 1b processing (world map)

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

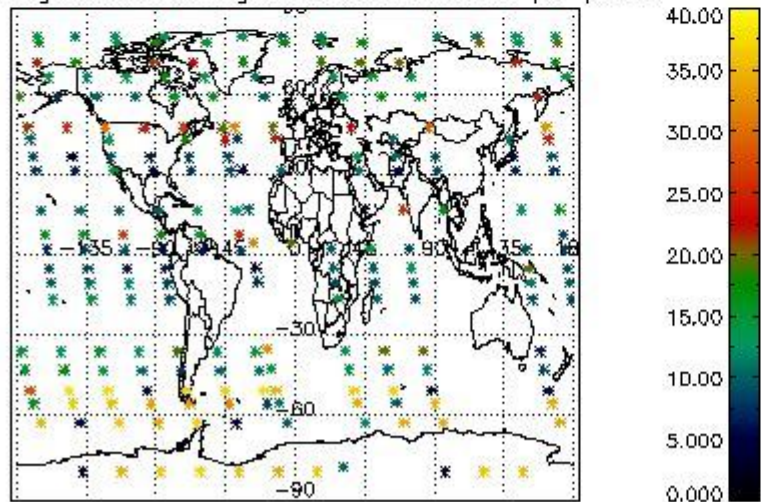
Percentage of cosmic ray hits per profile



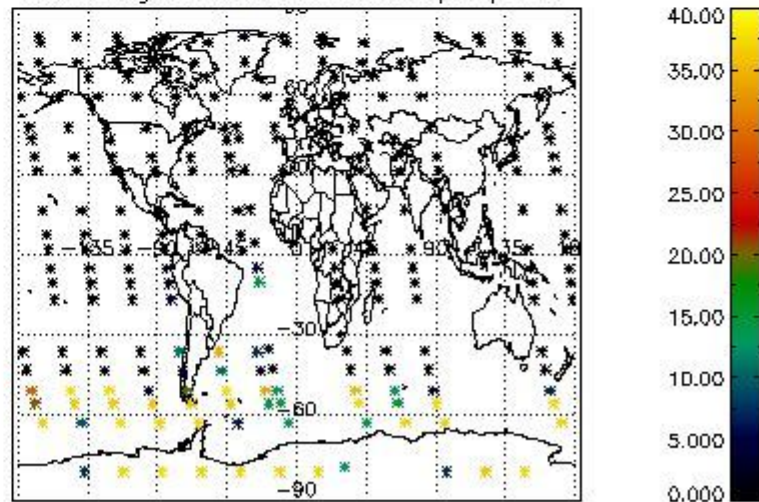
Percentage of datation errors per profile



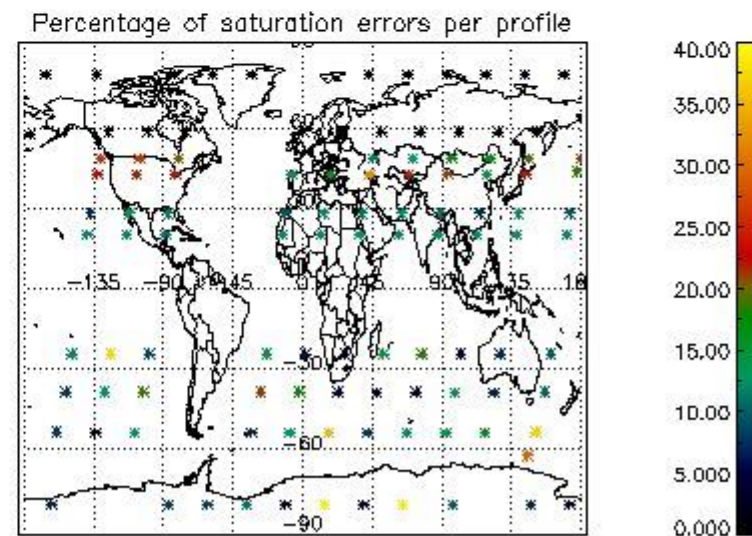
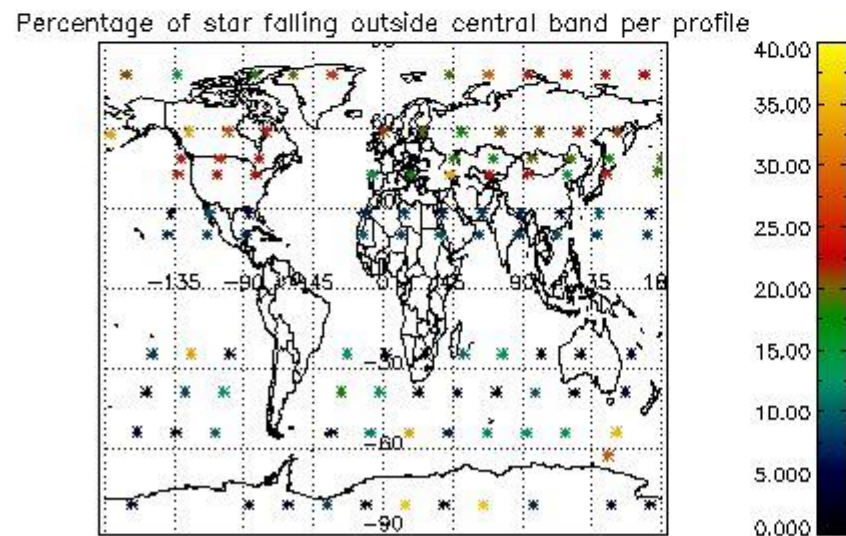
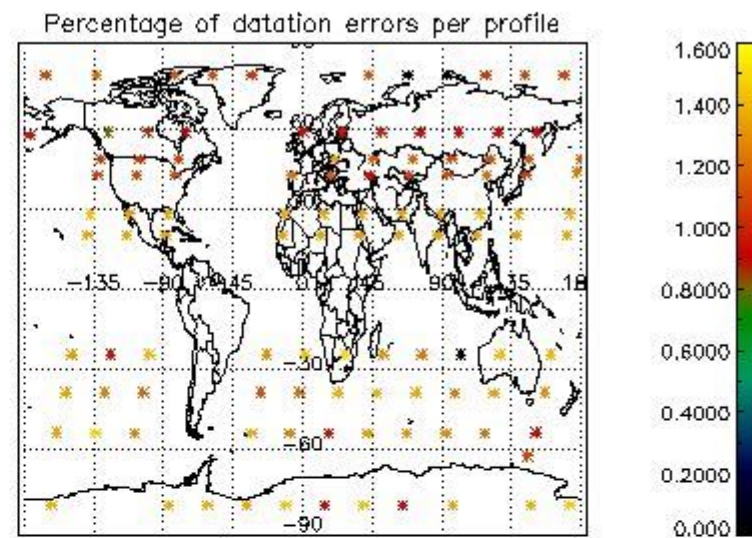
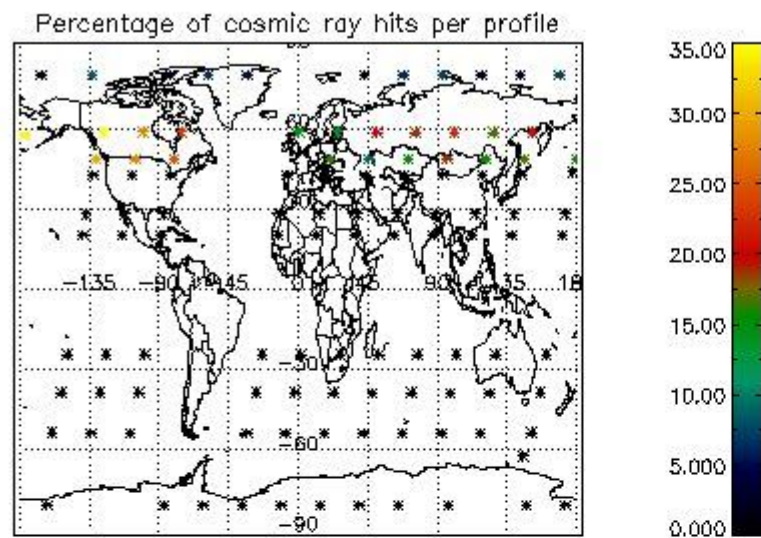
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

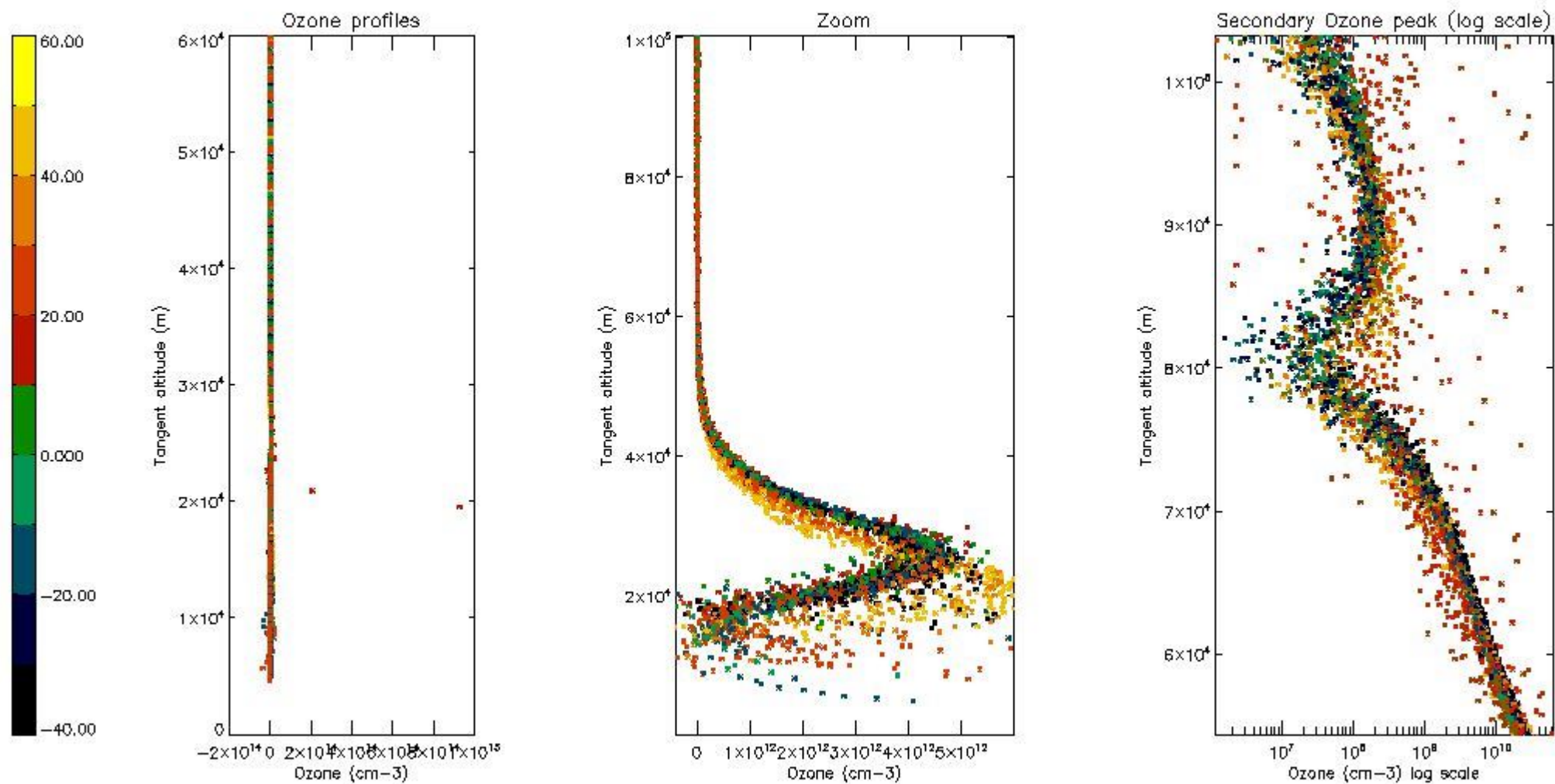
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	21

STD < 10	17
STD < 5	12

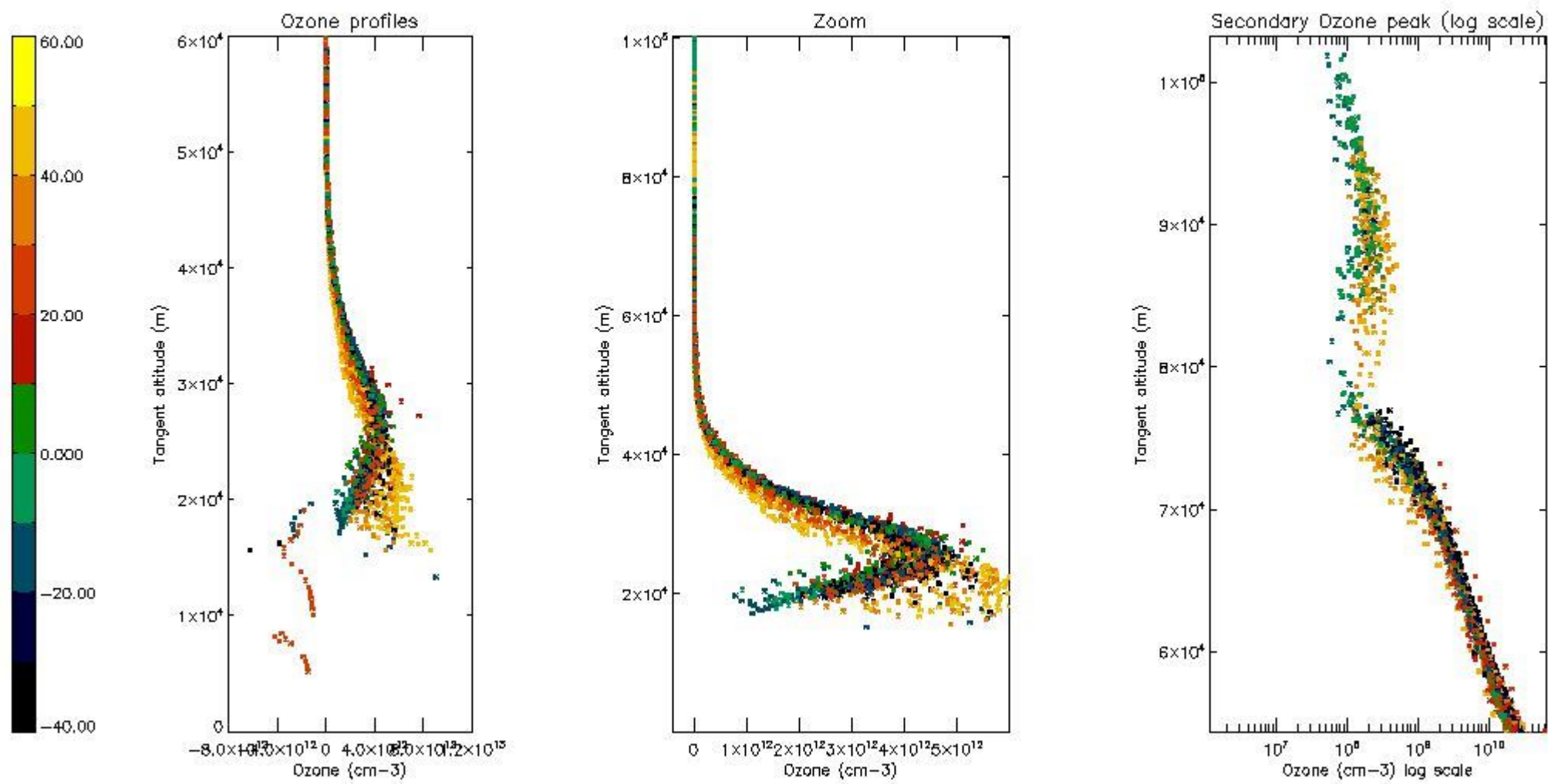
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



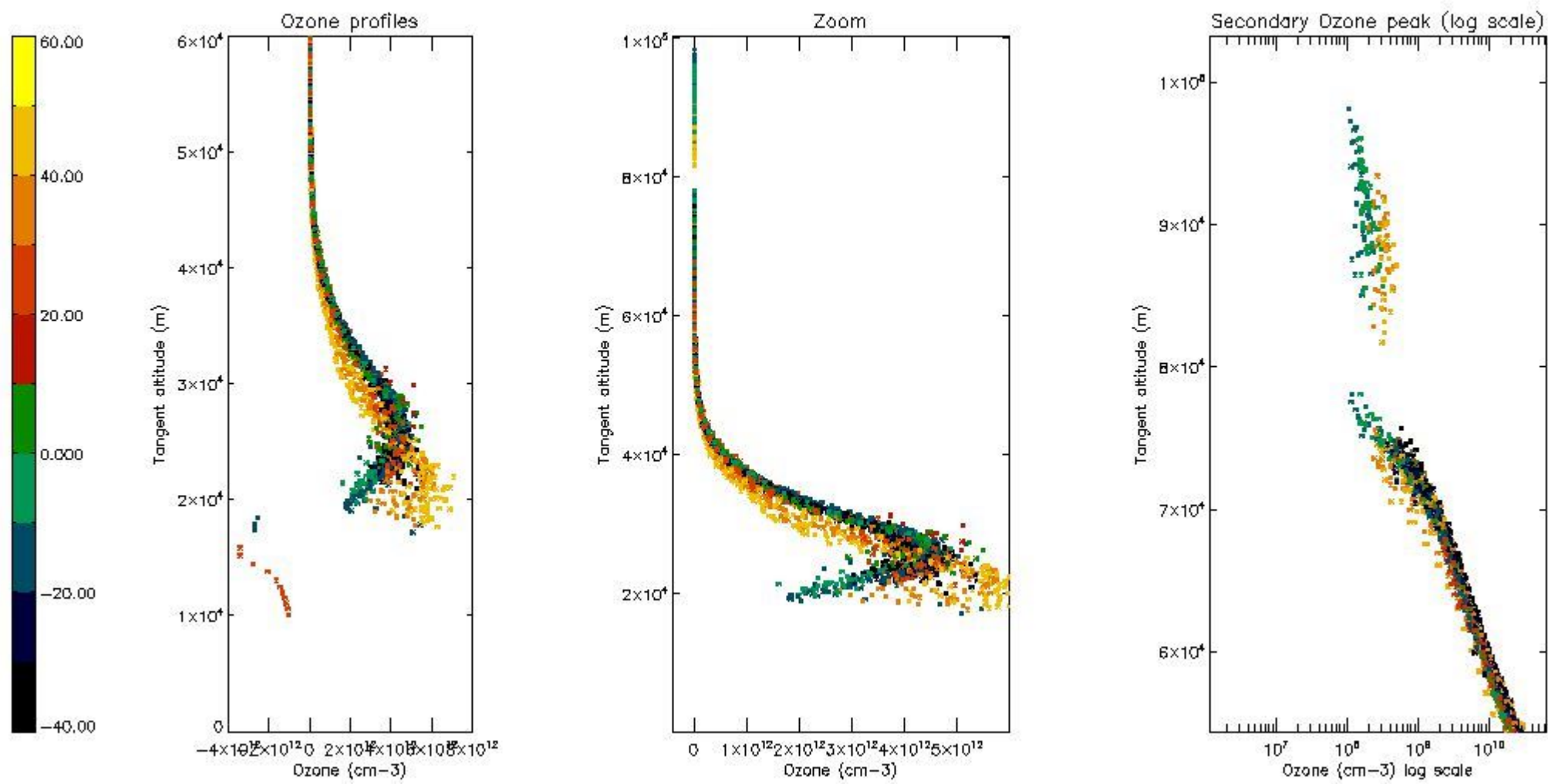
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



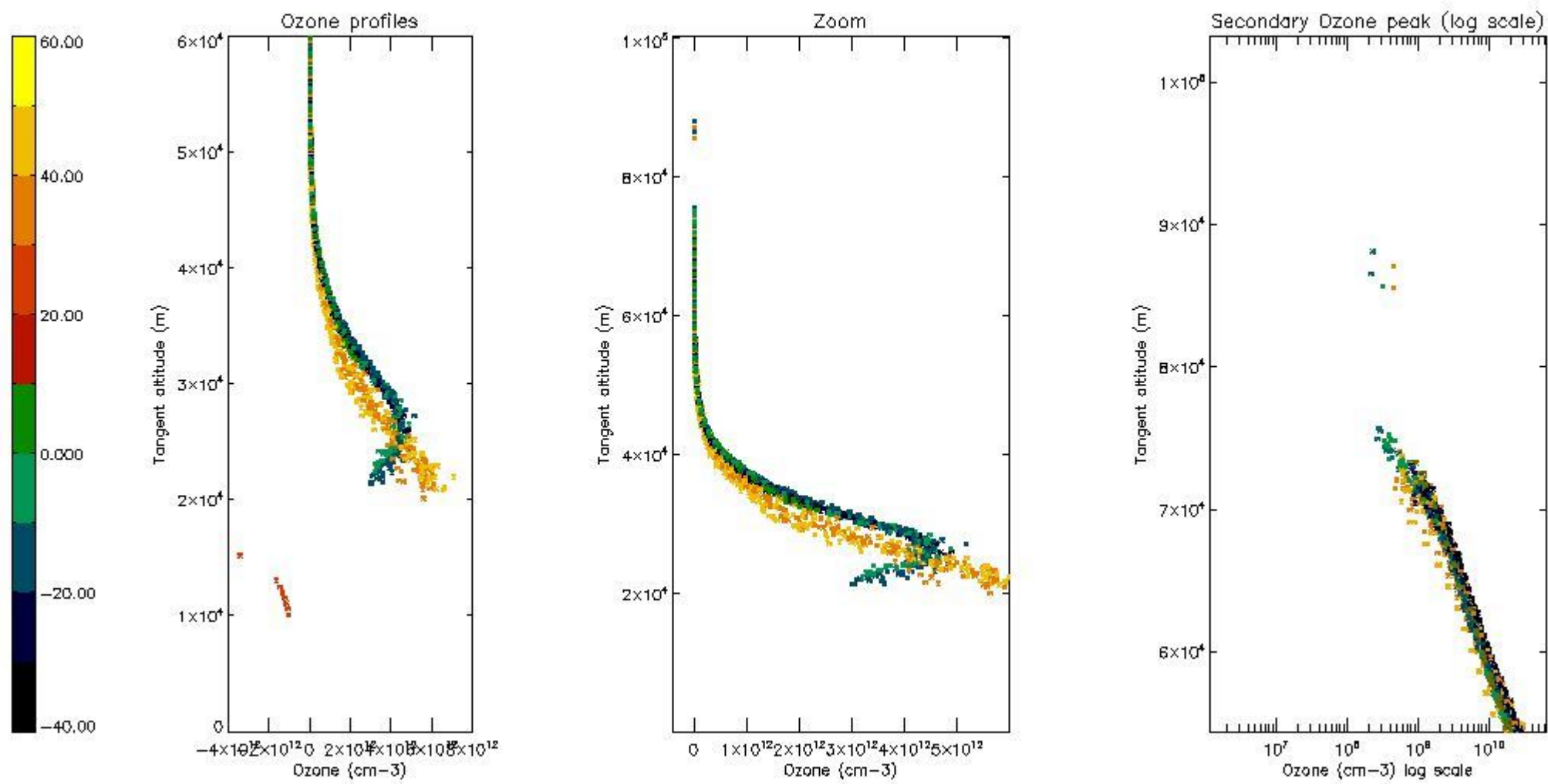
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



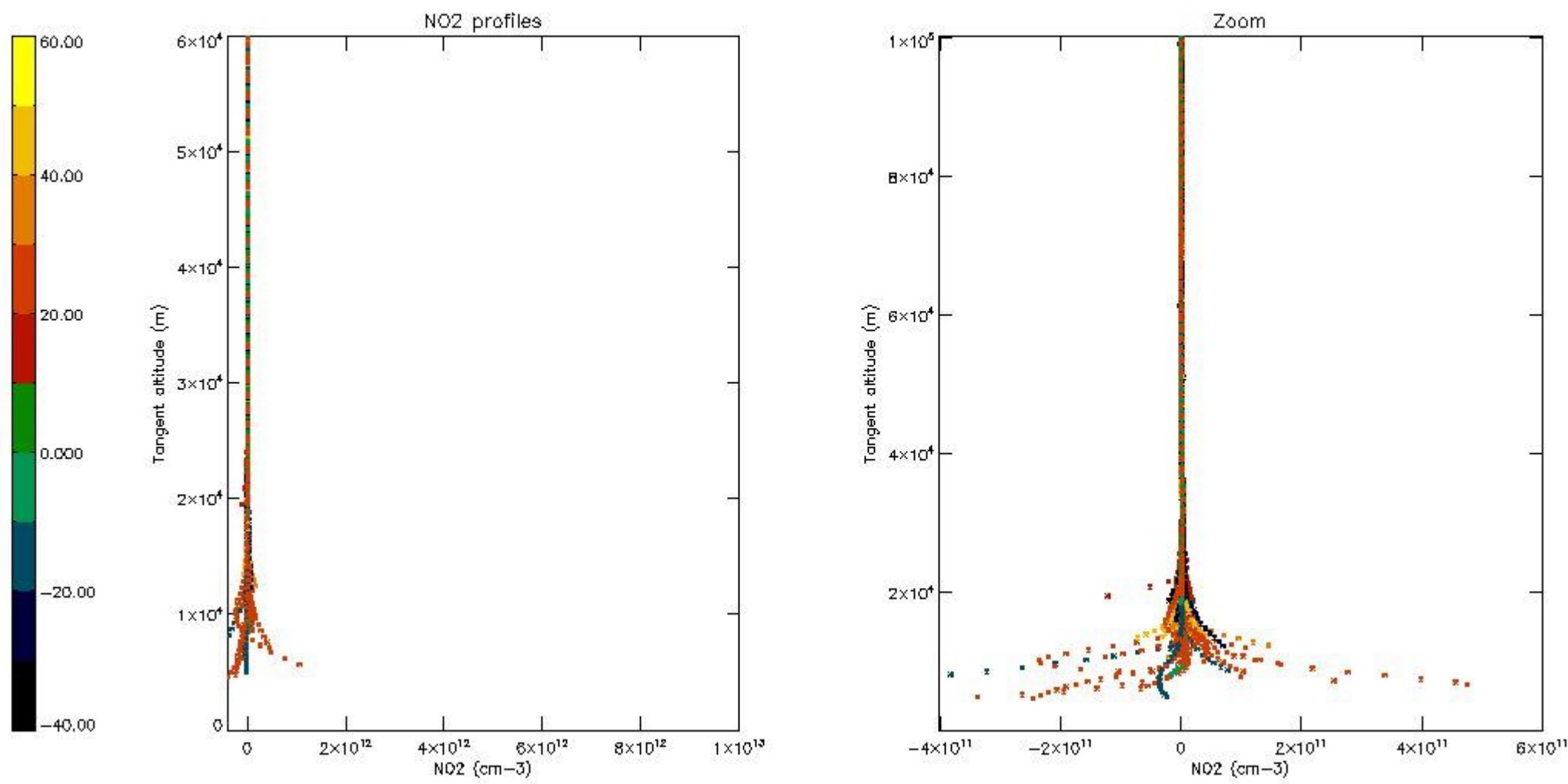
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



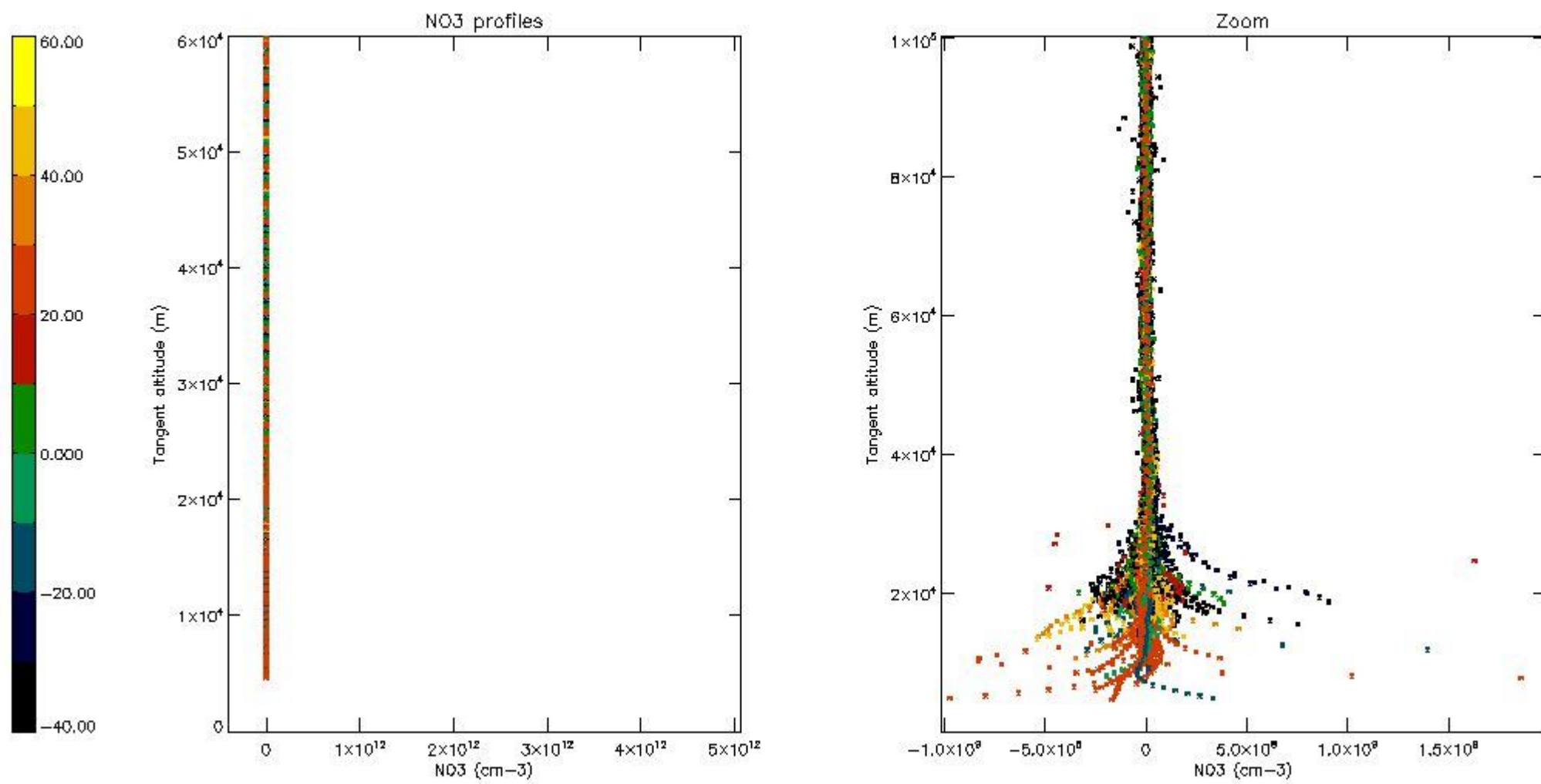
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



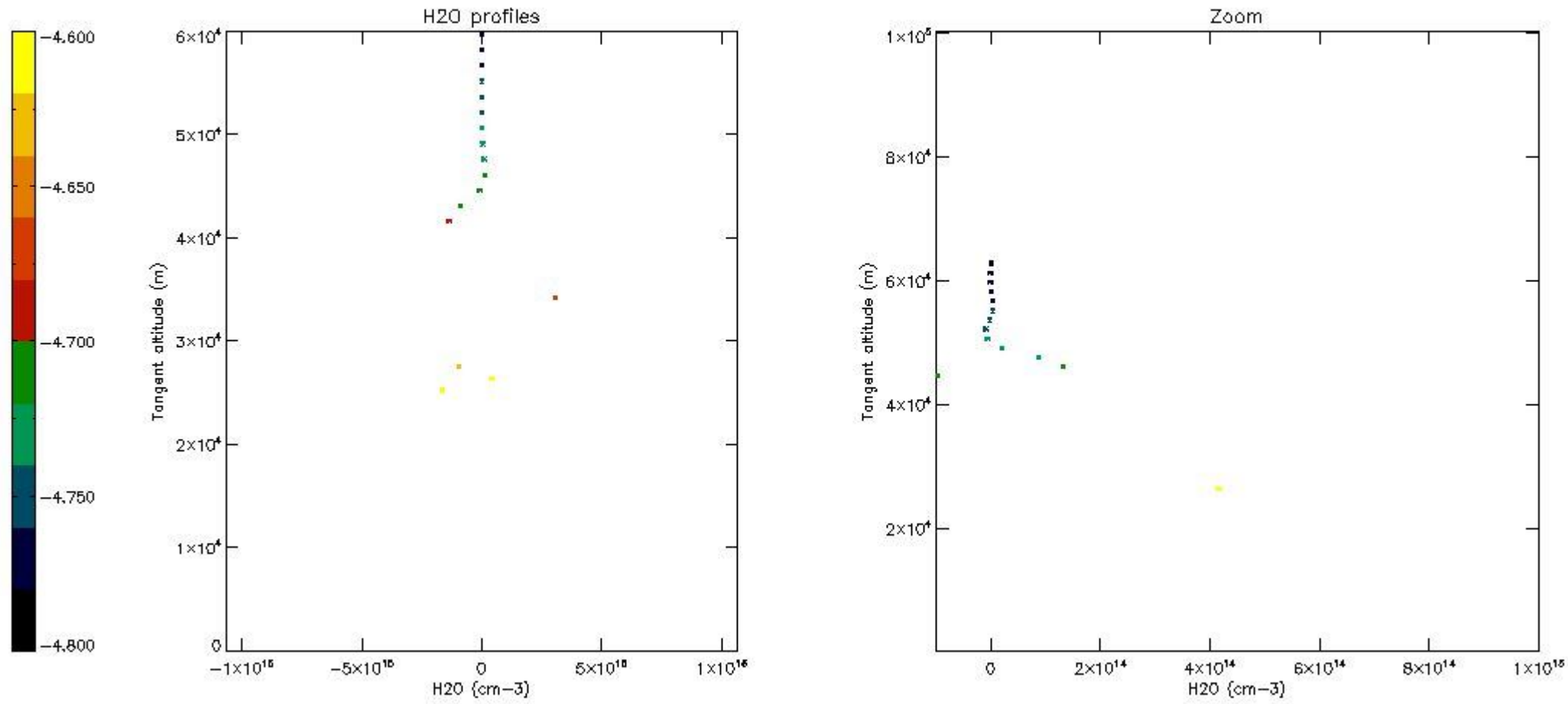
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

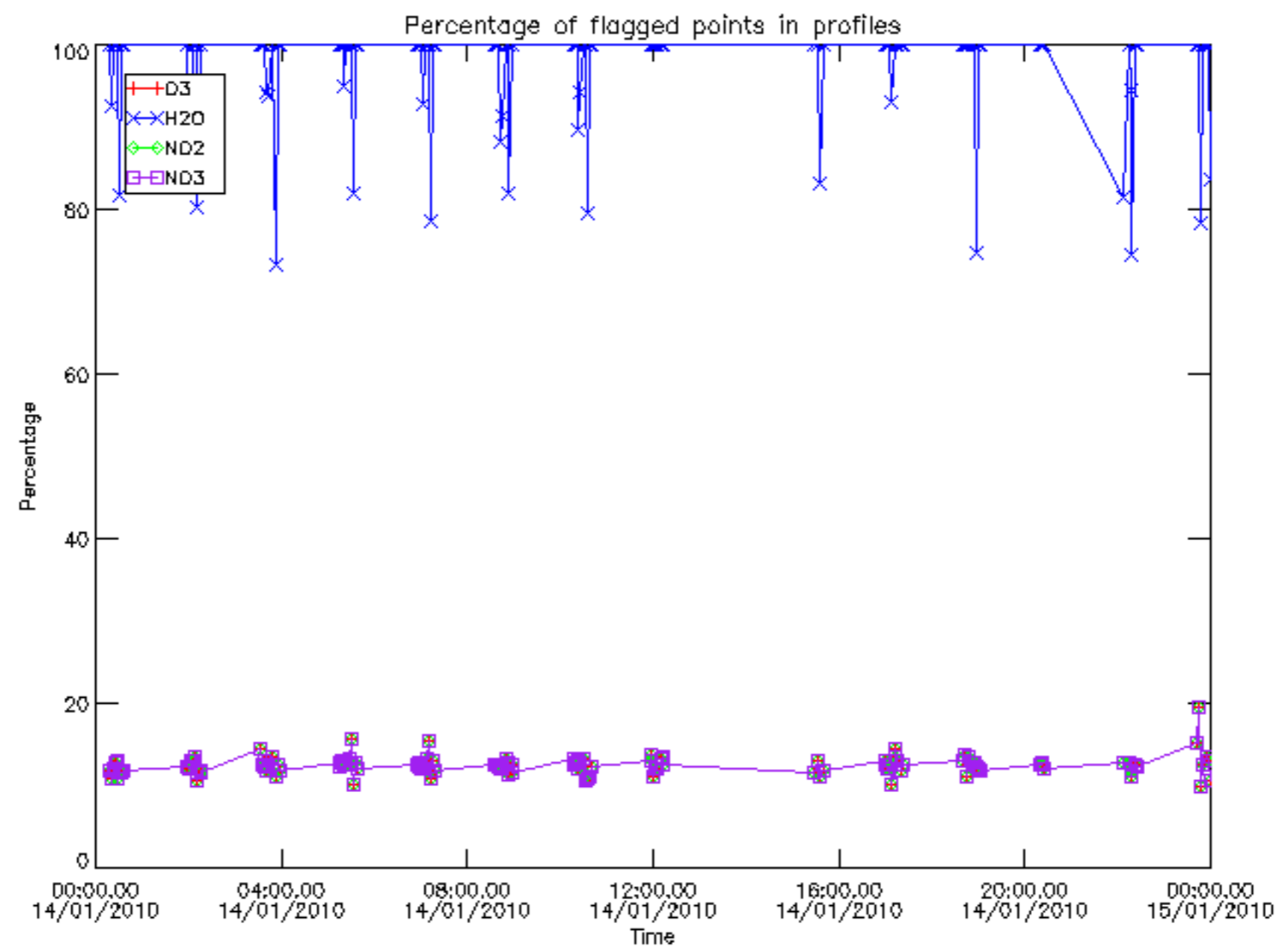
The colorbar represents the latitude.



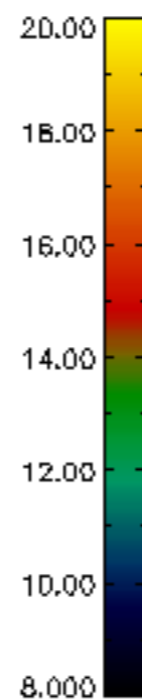
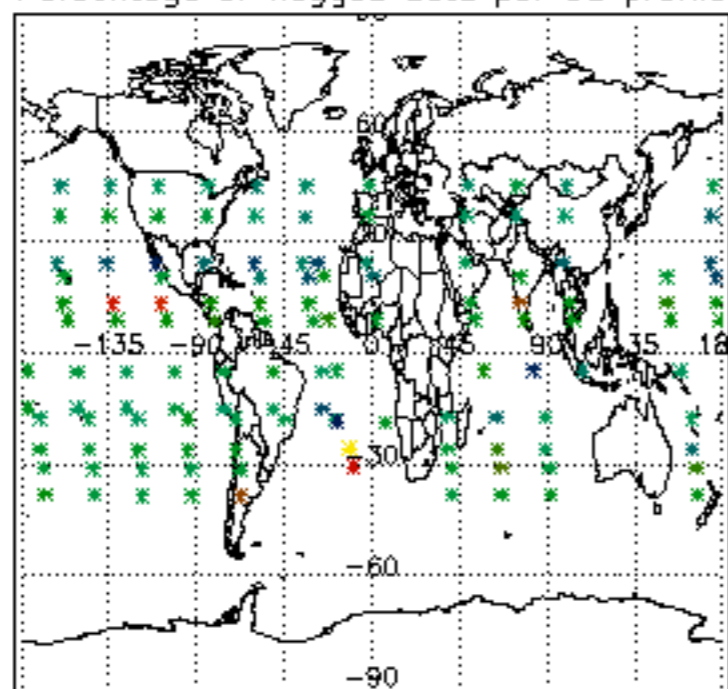
6. Auxiliary Data Files used for the production reported in section 2

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.

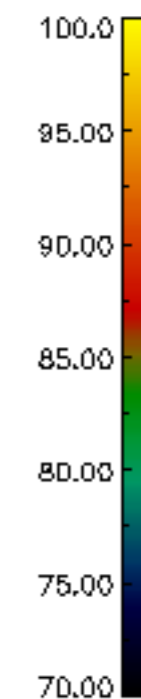
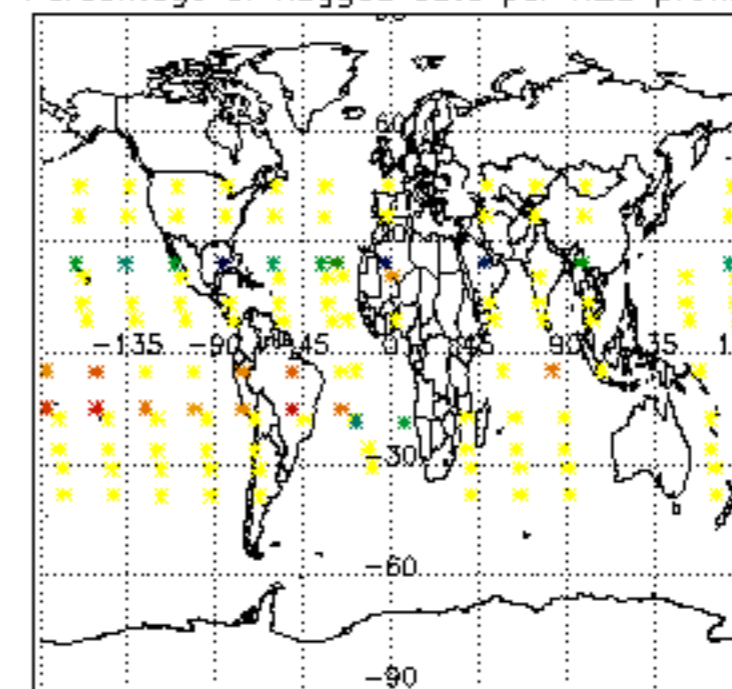
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JAN-2010 00:01:34
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JAN-2010 00:01:34
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JAN-2010 00:01:34



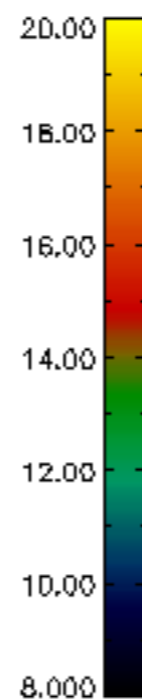
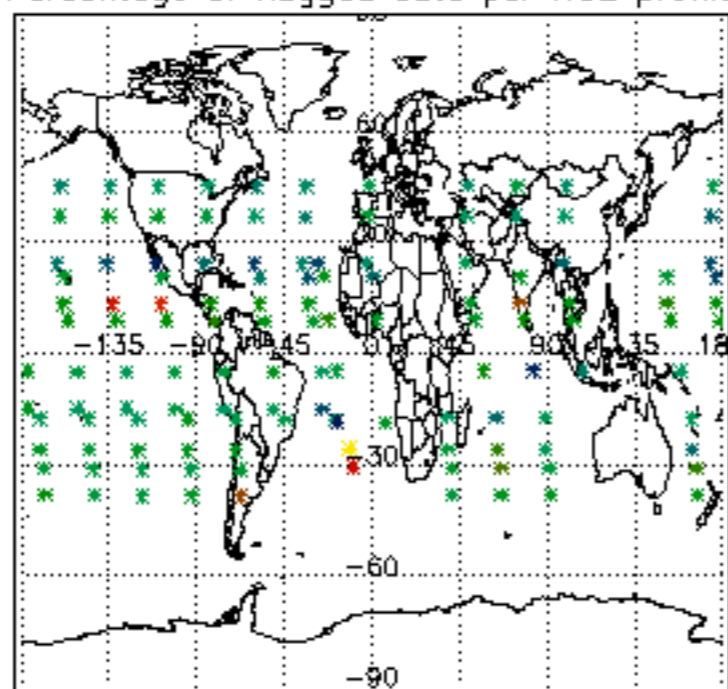
Percentage of flagged data per D3 profile



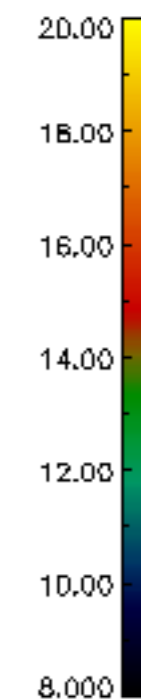
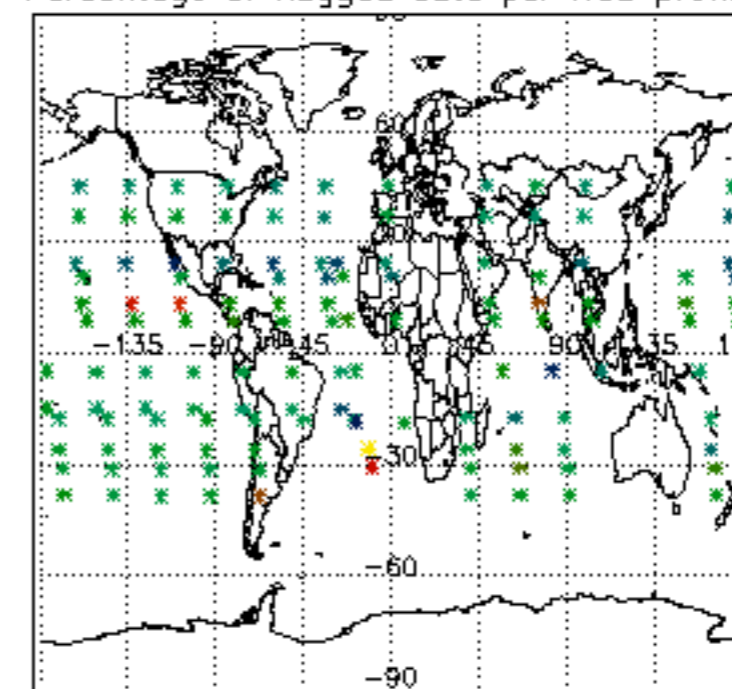
Percentage of flagged data per H2O profile

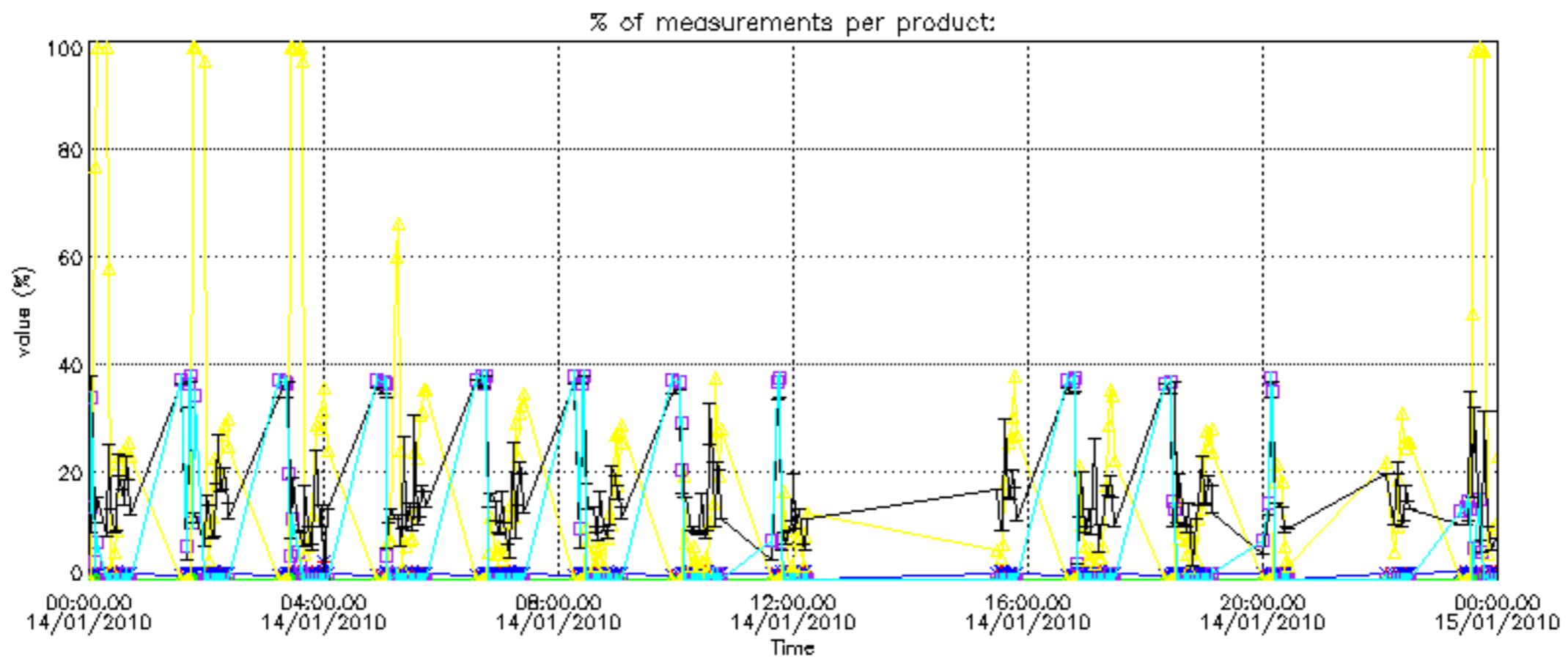


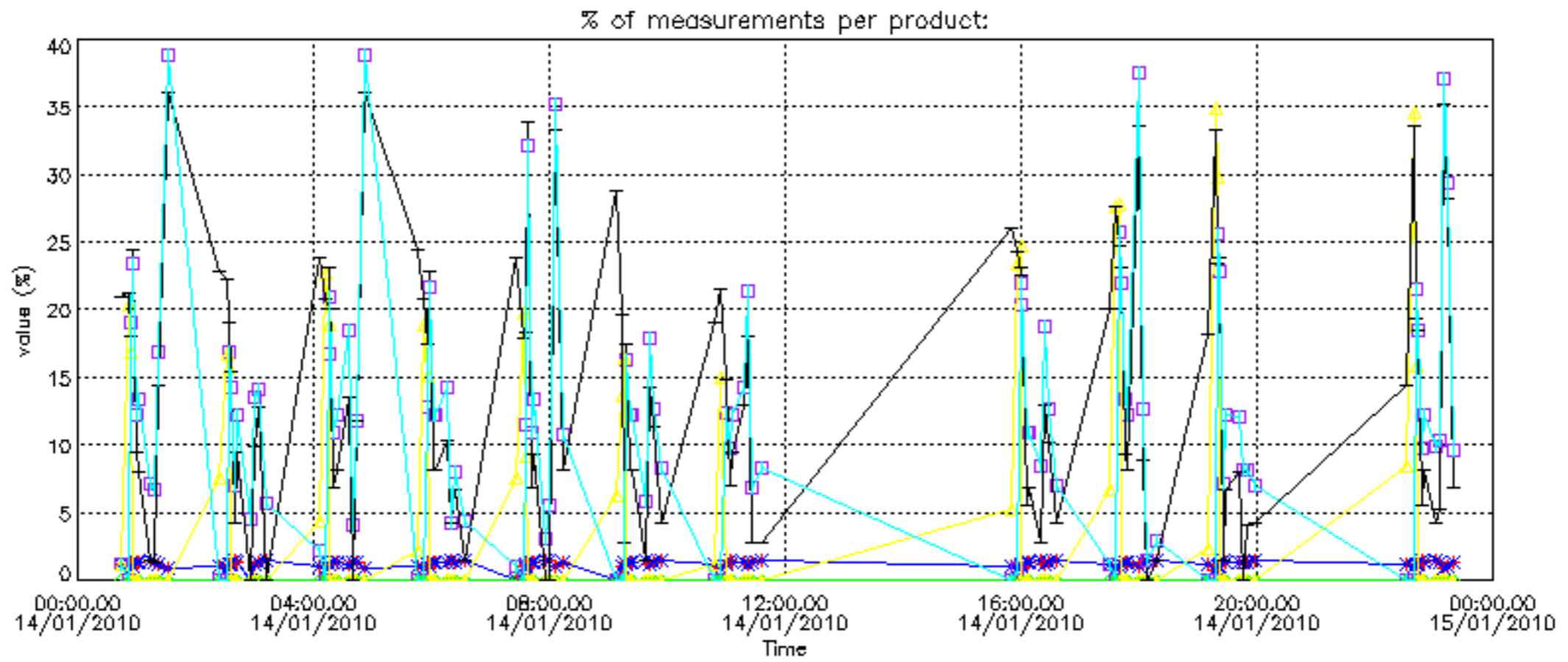
Percentage of flagged data per NO2 profile



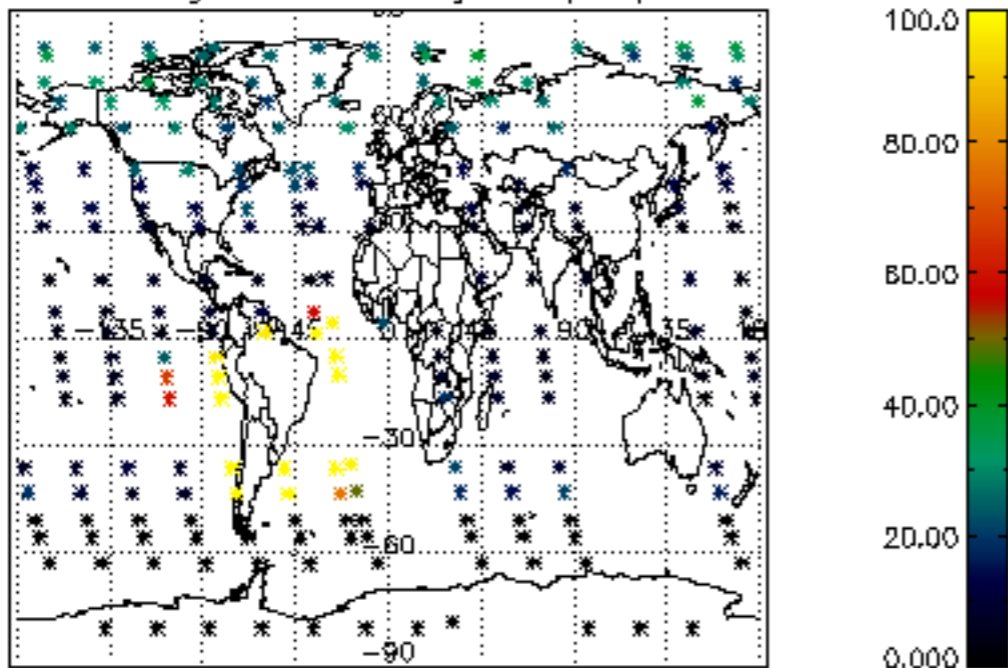
Percentage of flagged data per NO3 profile



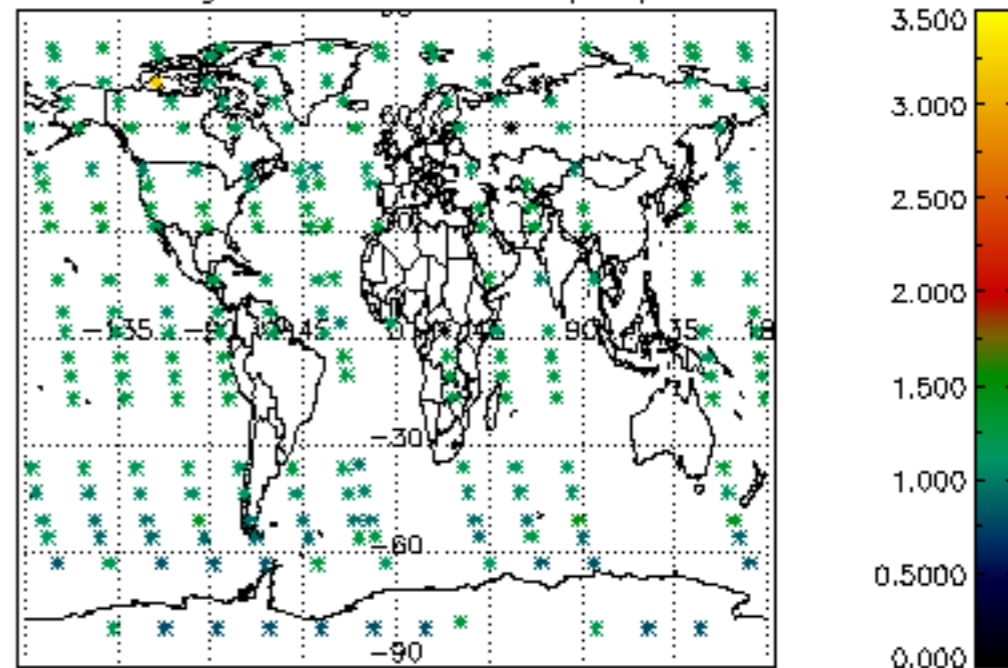




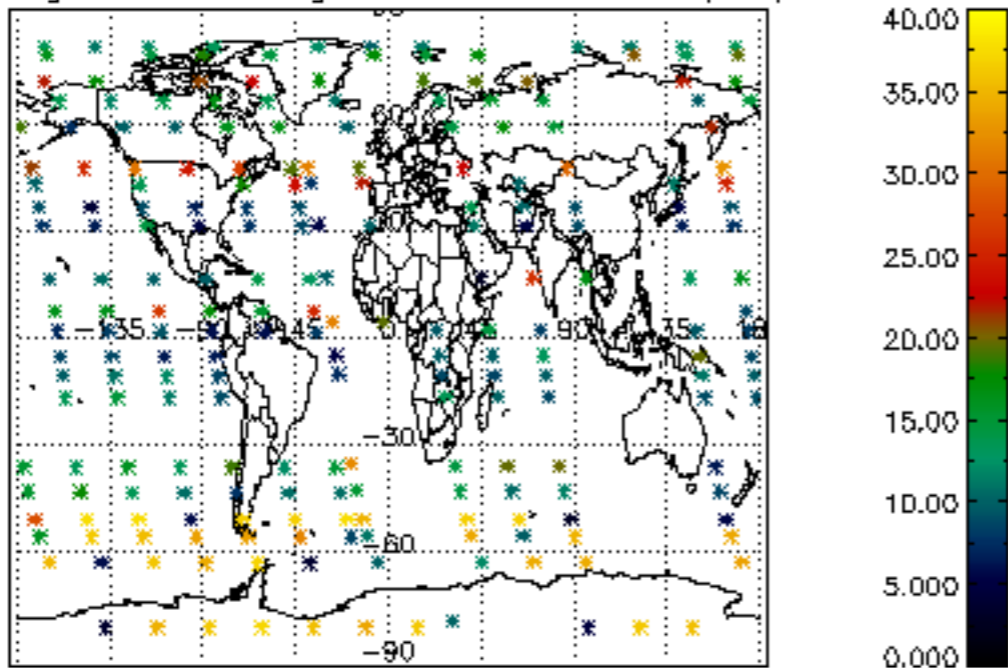
Percentage of cosmic ray hits per profile



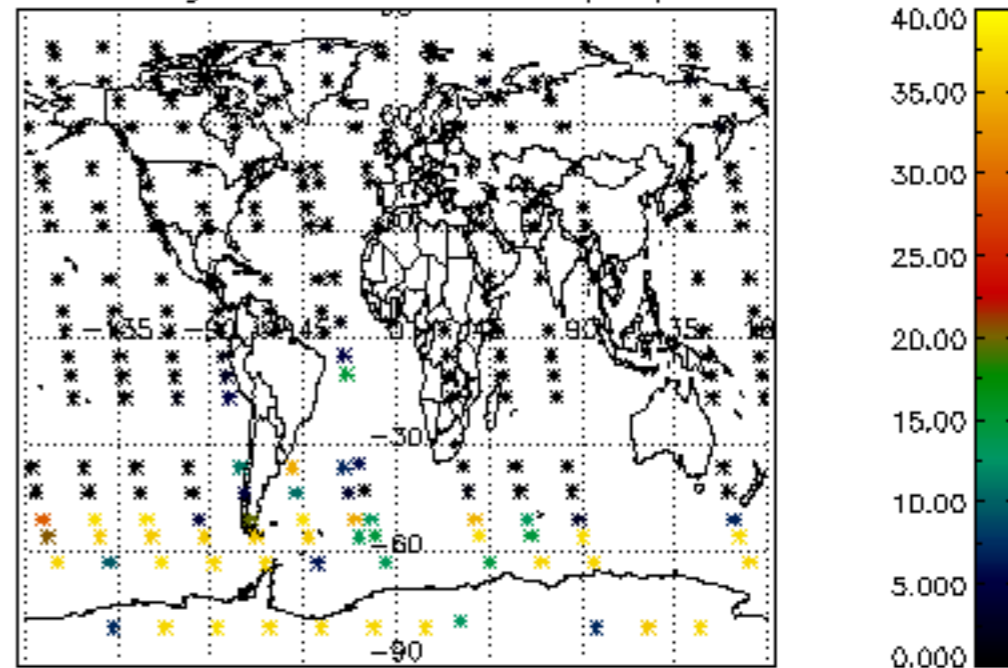
Percentage of datation errors per profile



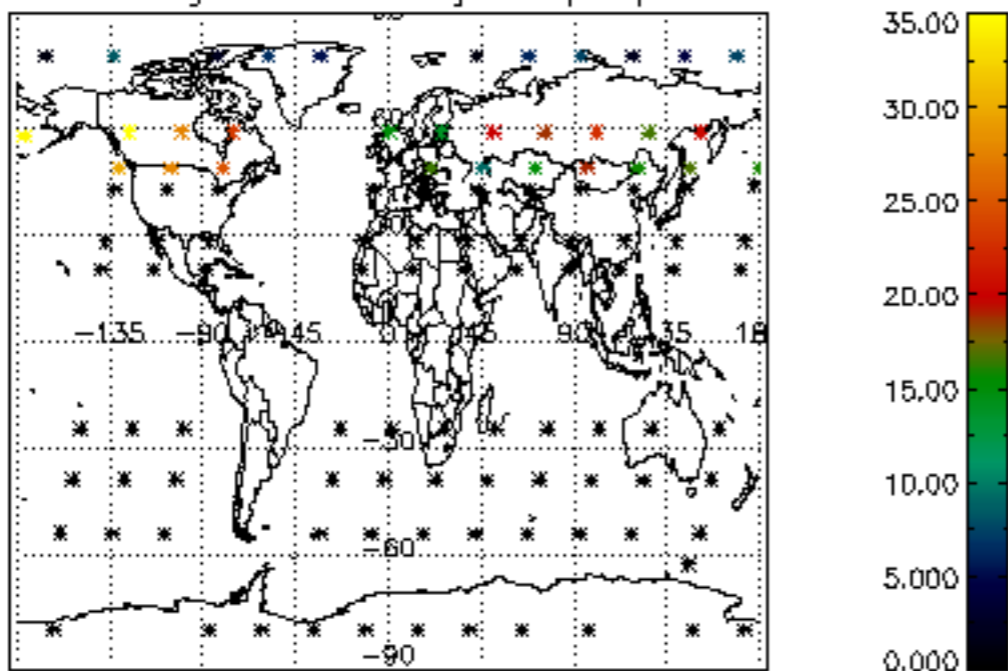
Percentage of star falling outside central band per profile



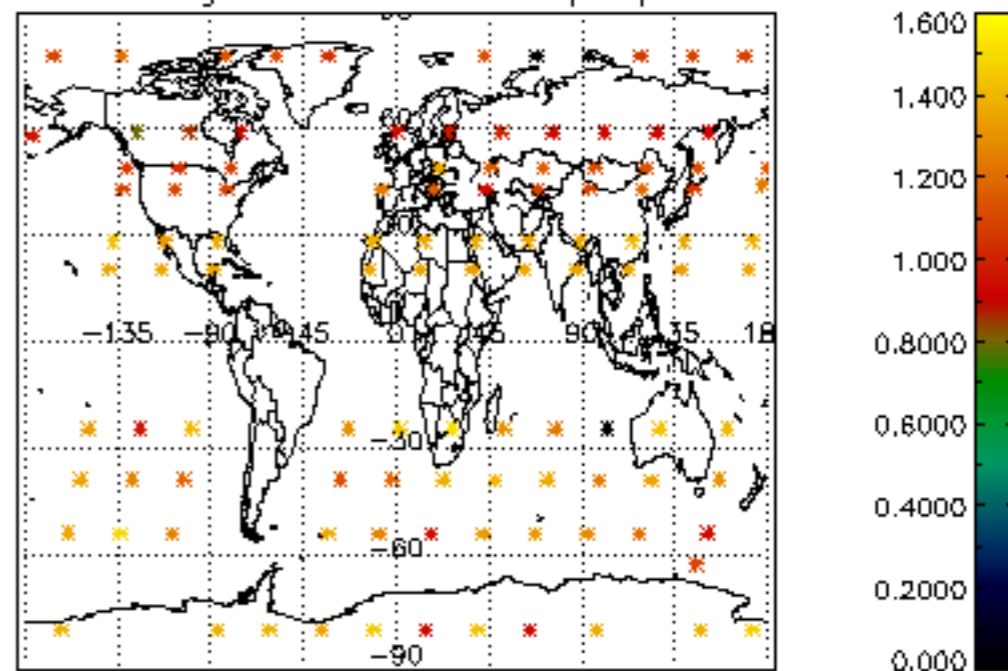
Percentage of saturation errors per profile



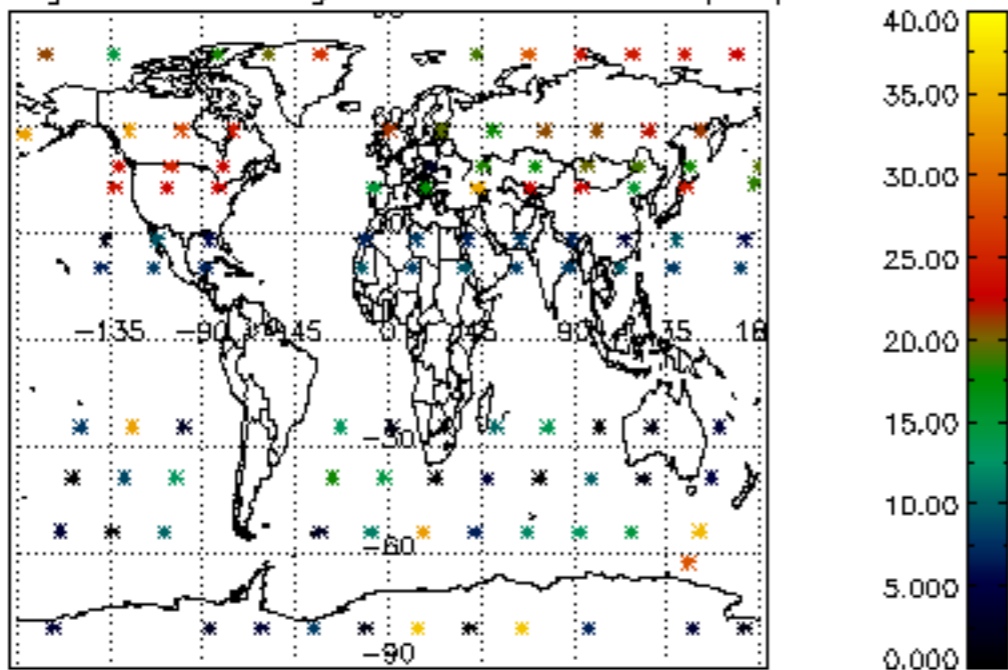
Percentage of cosmic ray hits per profile



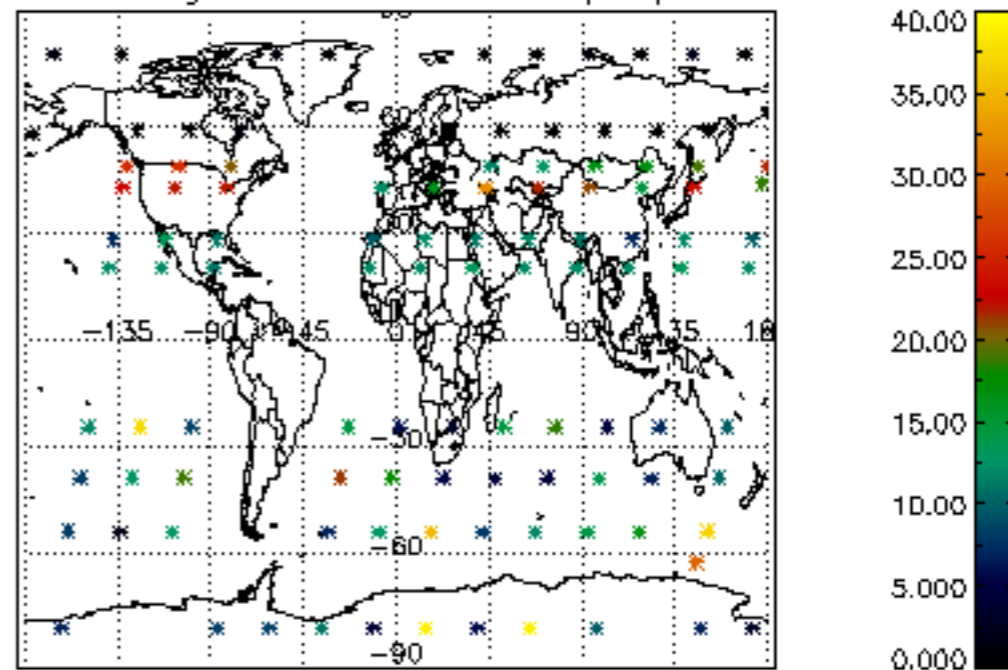
Percentage of datation errors per profile

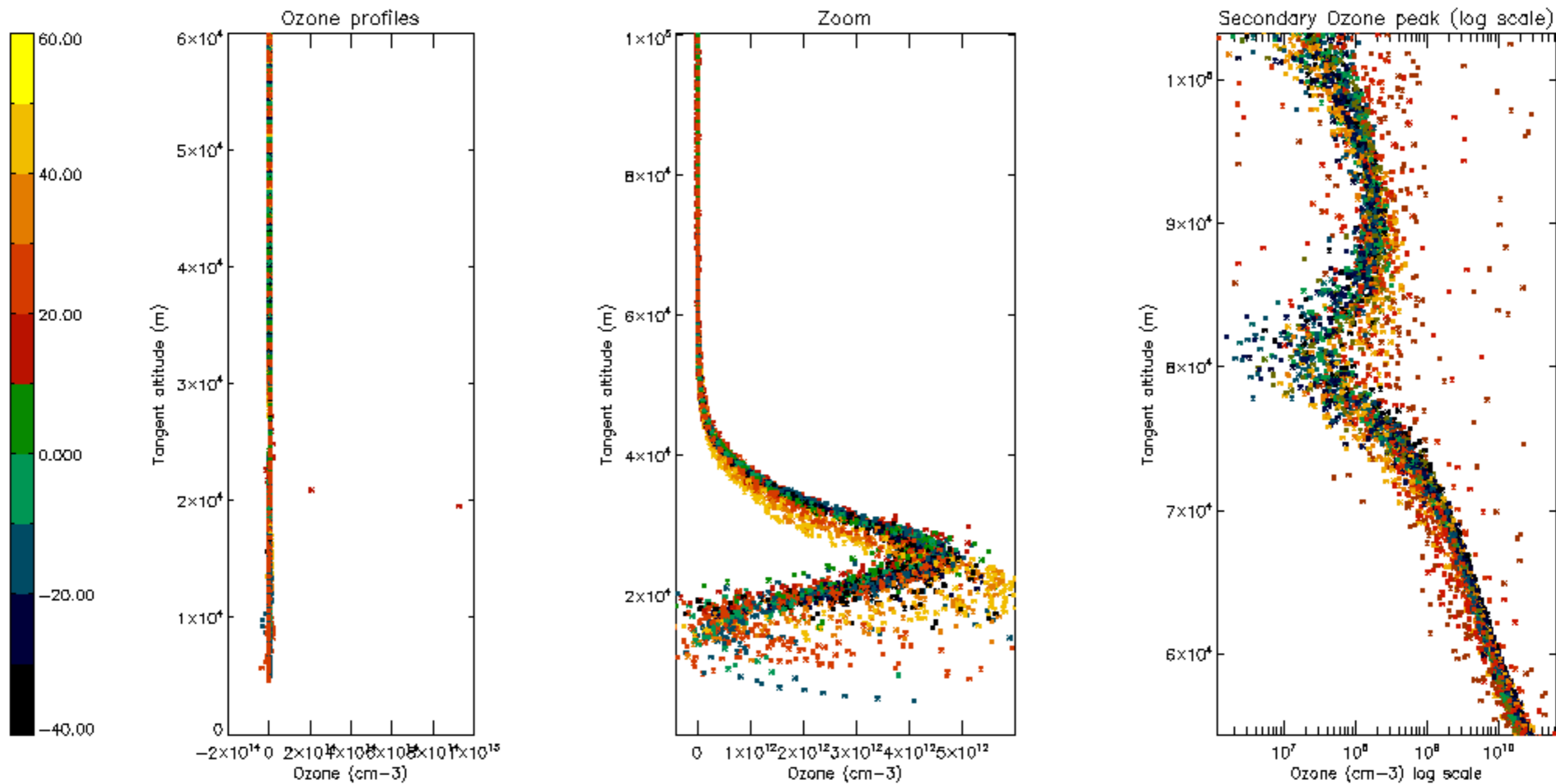


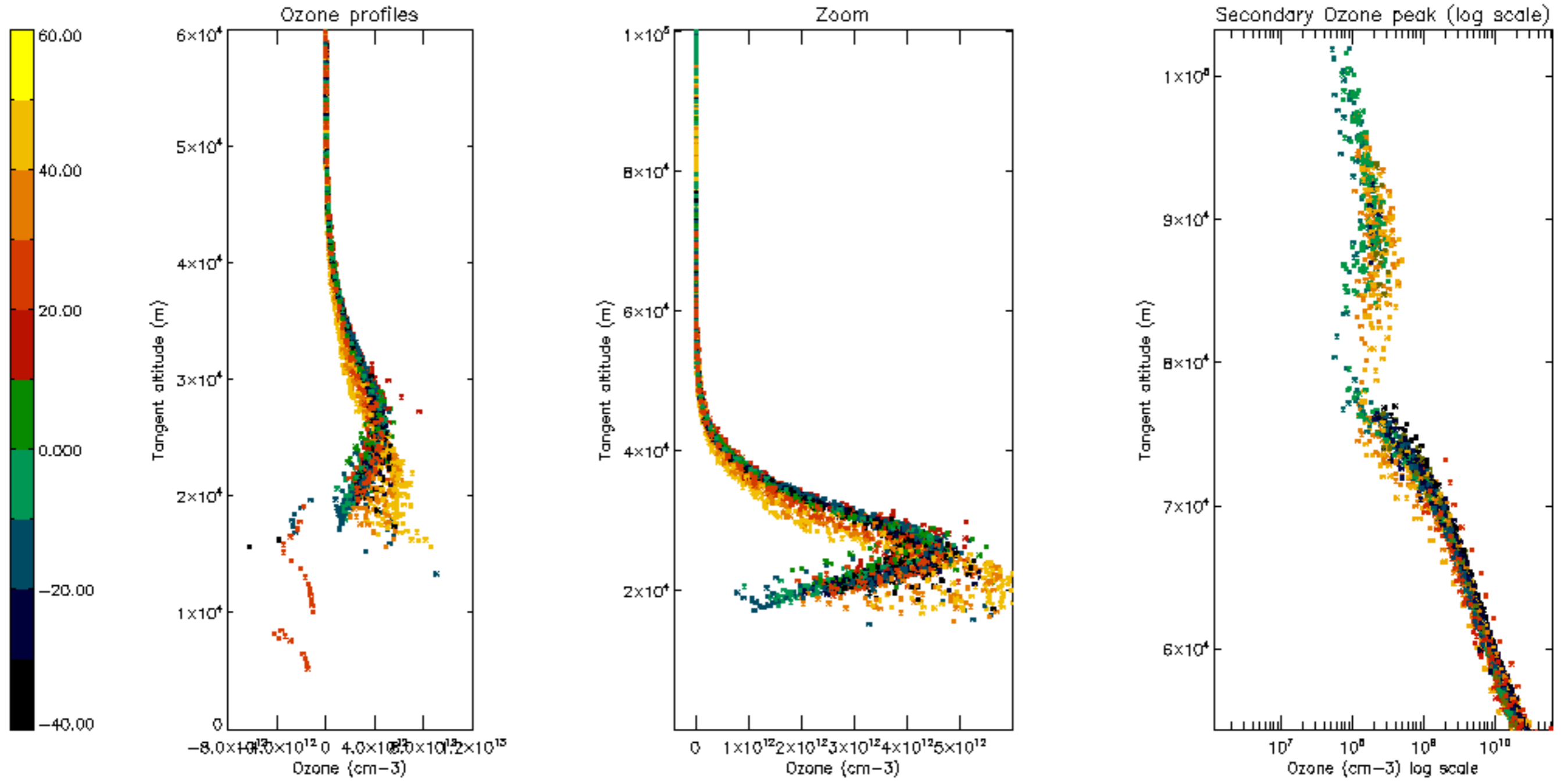
Percentage of star falling outside central band per profile

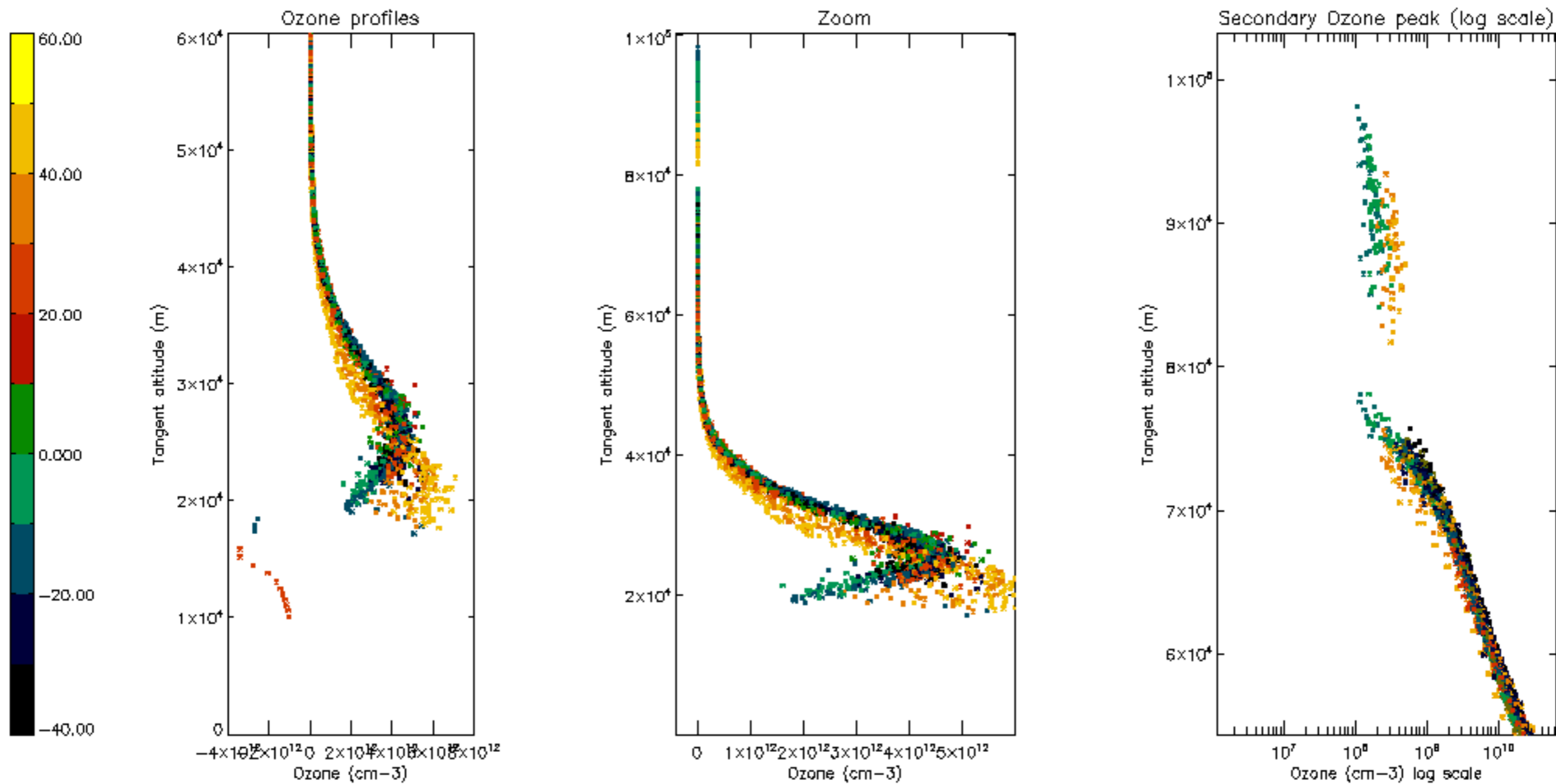


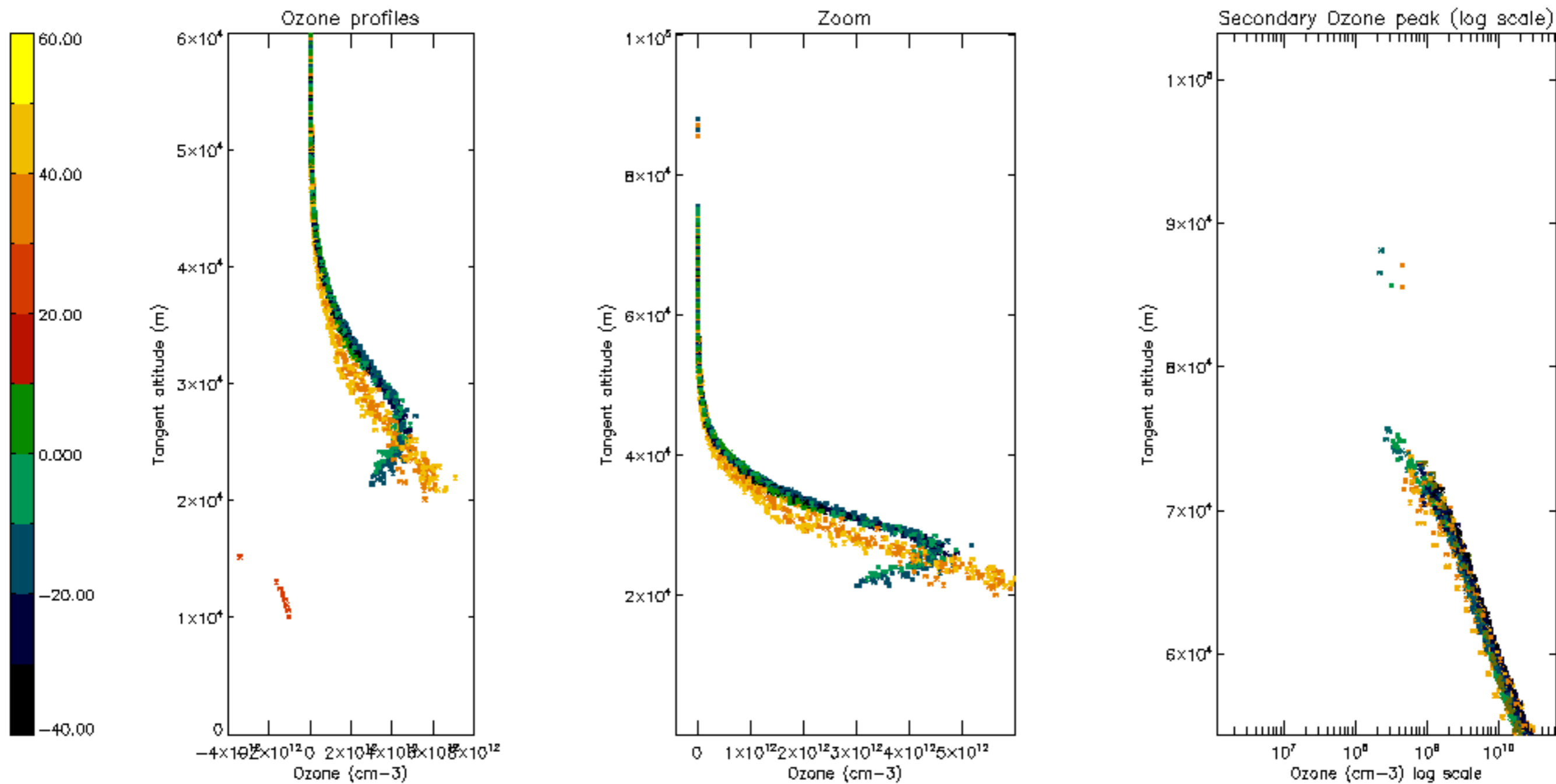
Percentage of saturation errors per profile

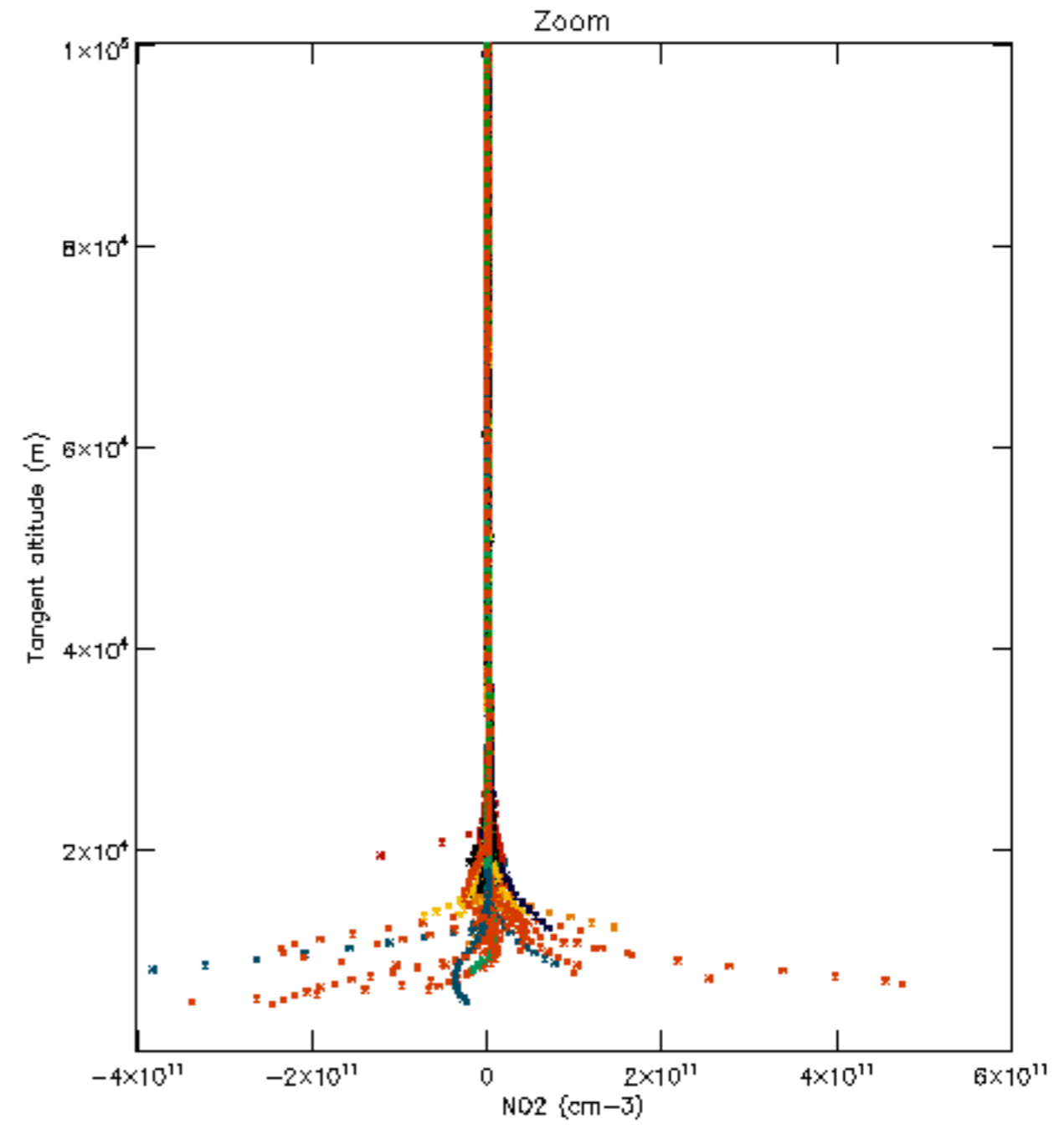
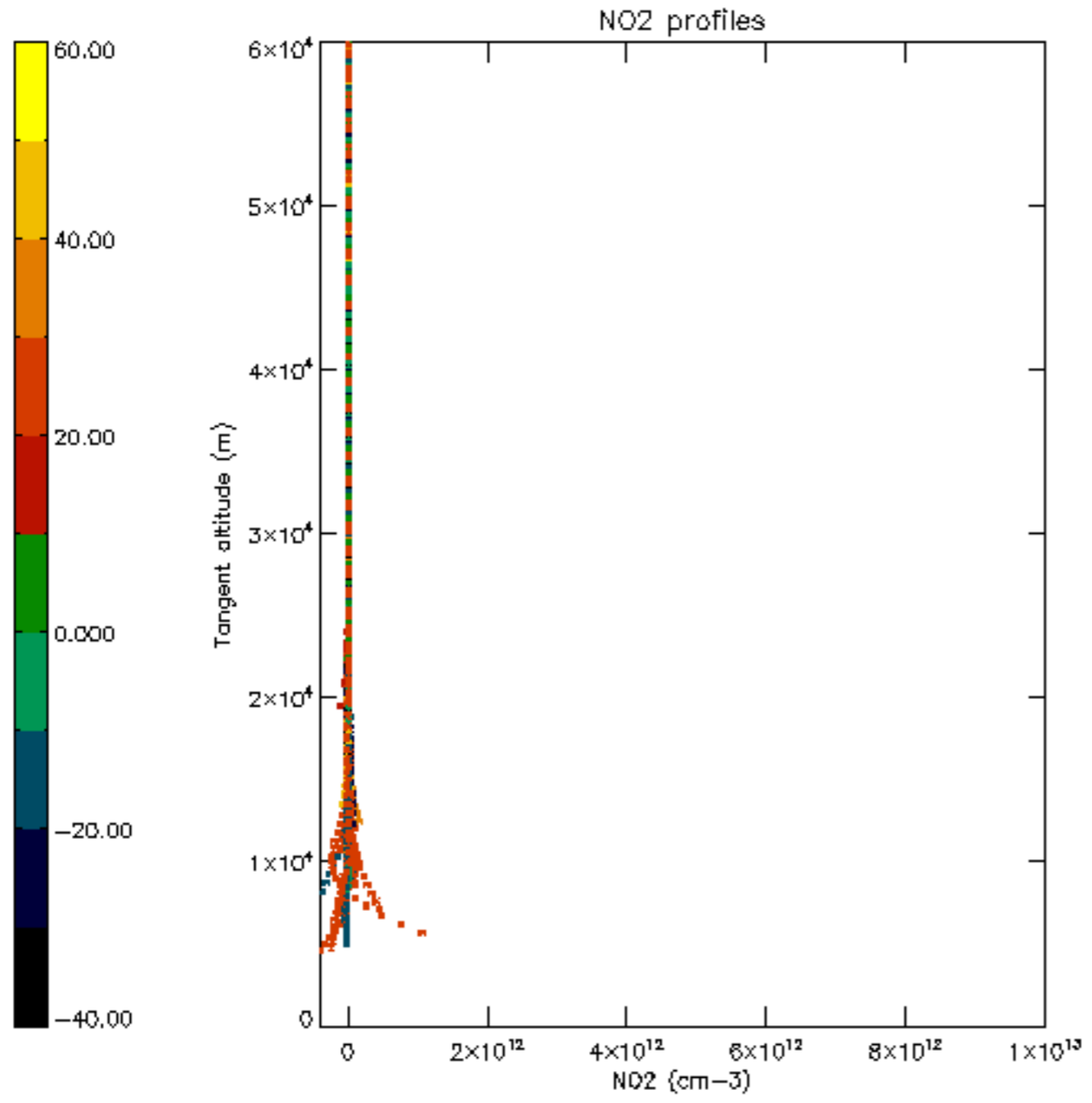


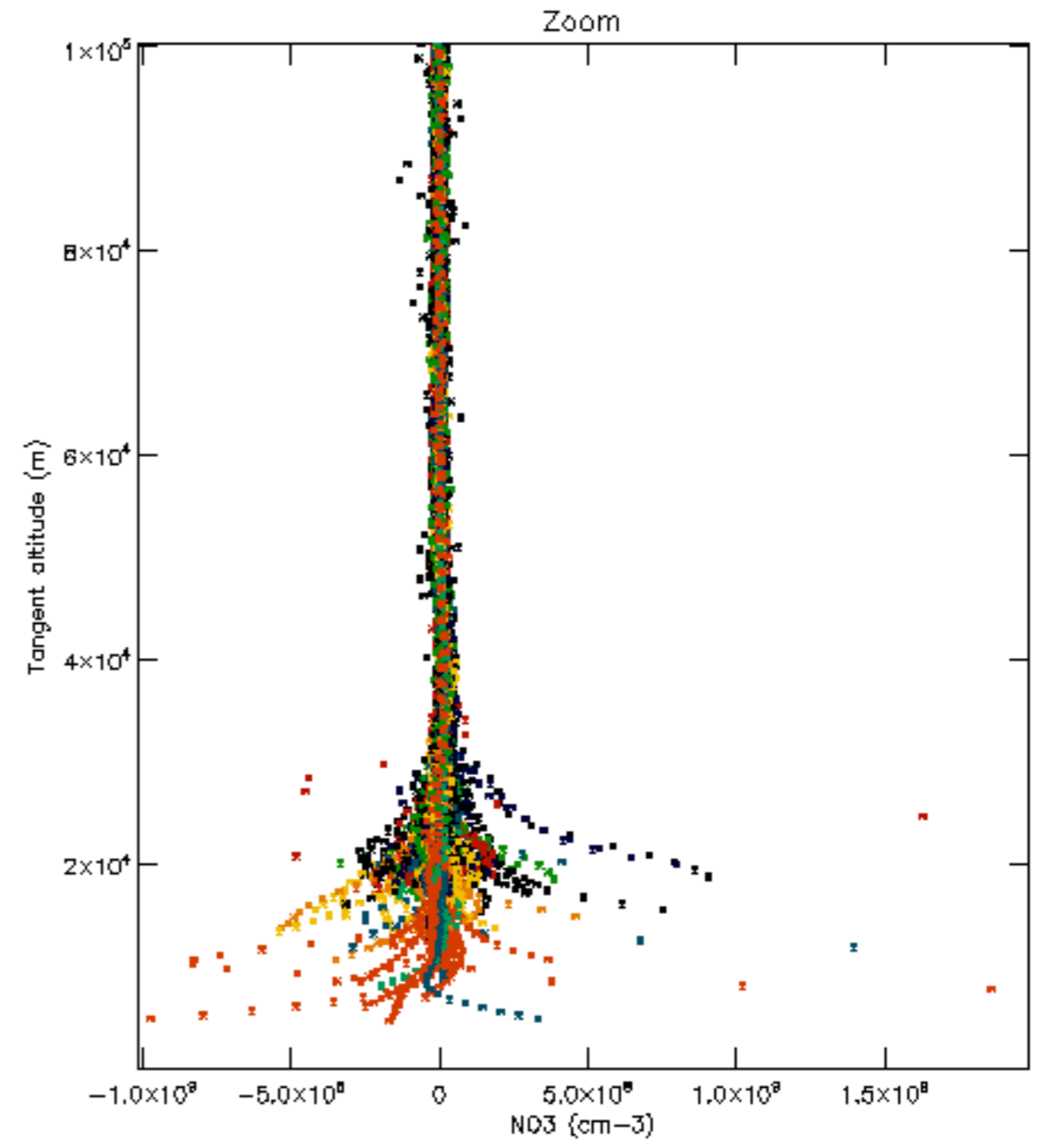
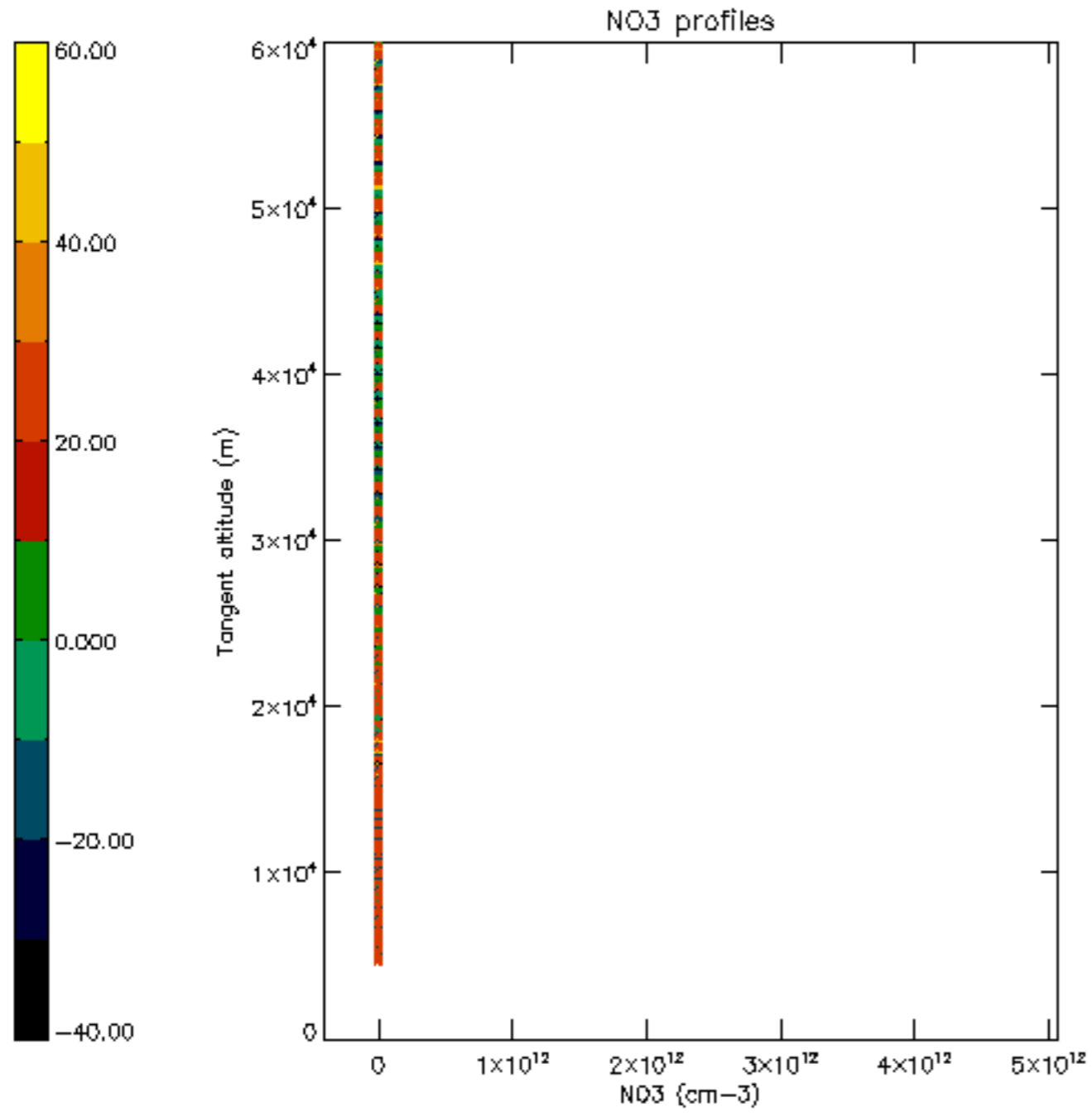


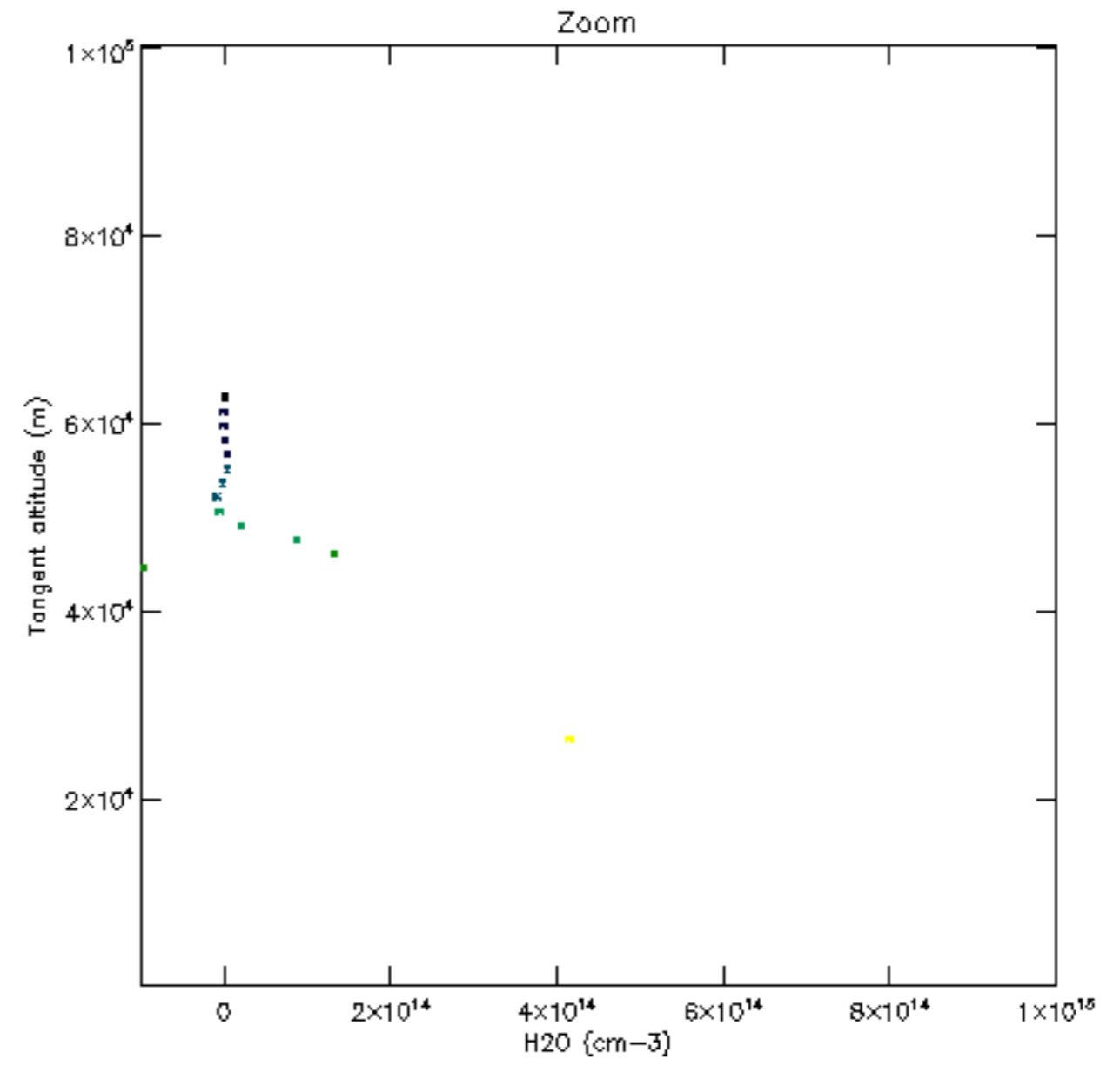
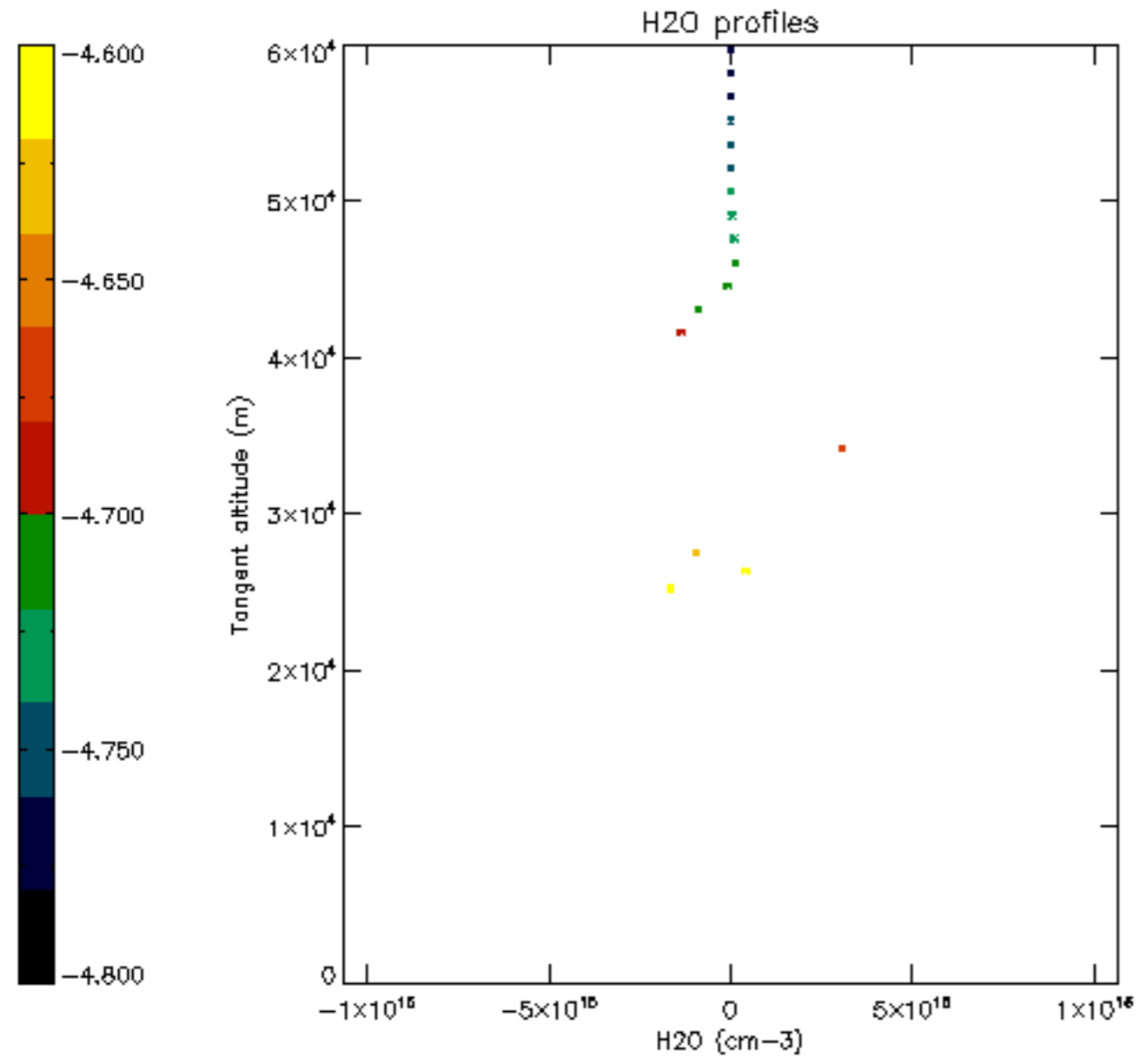


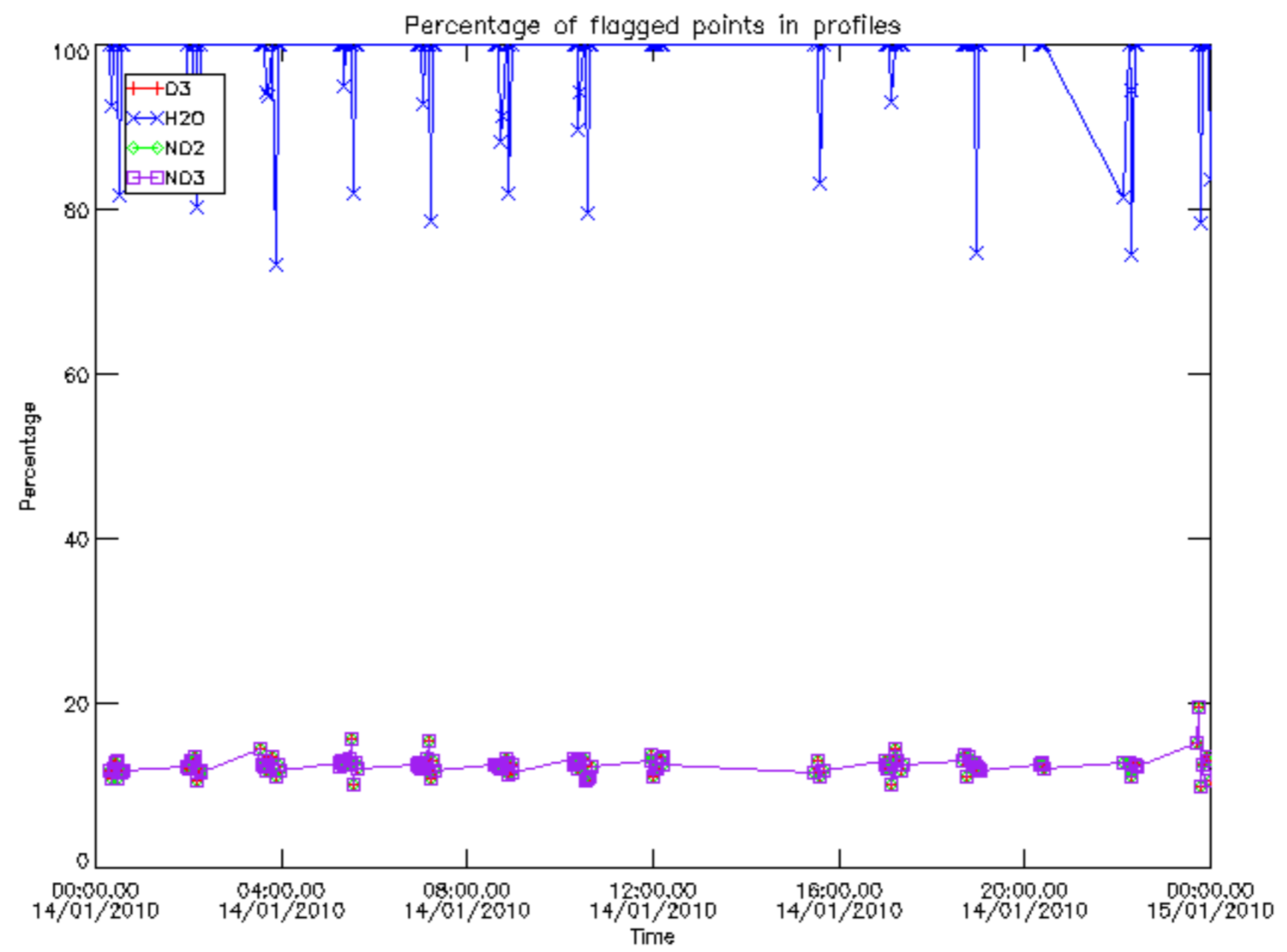




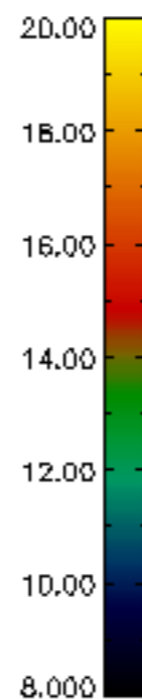
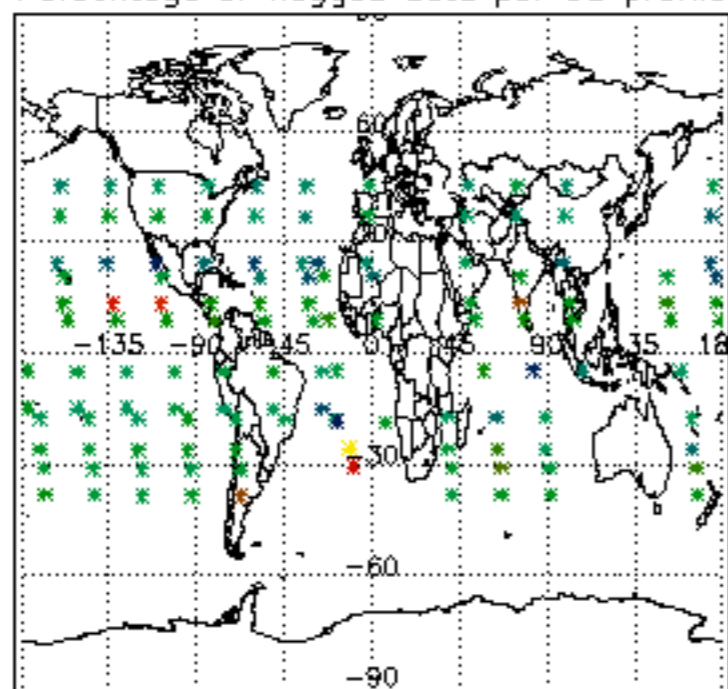




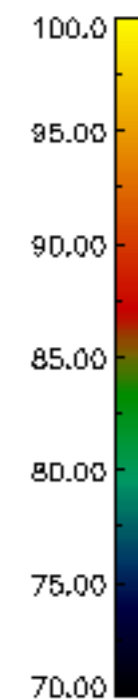
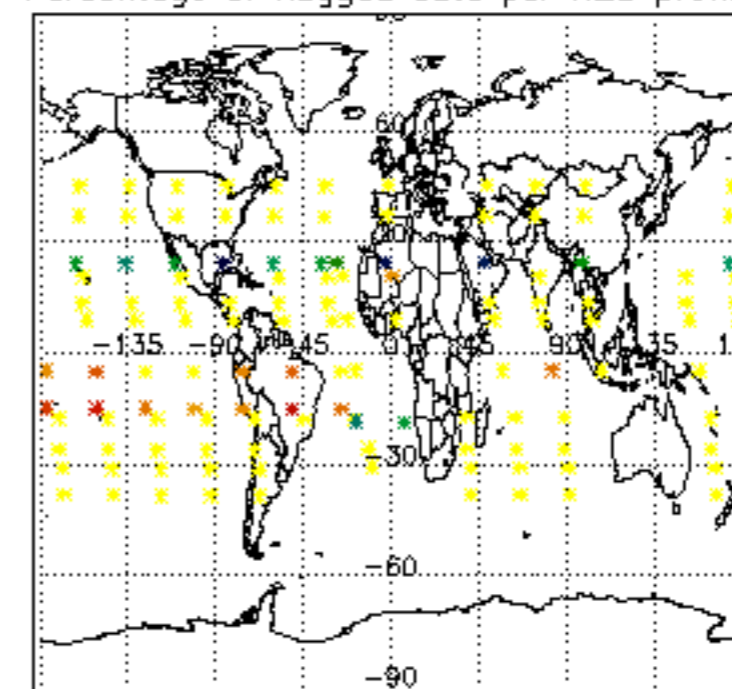




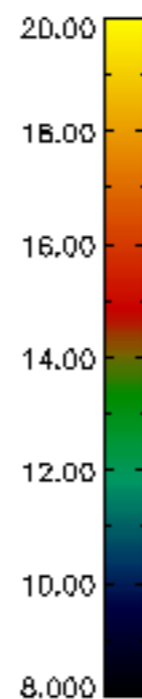
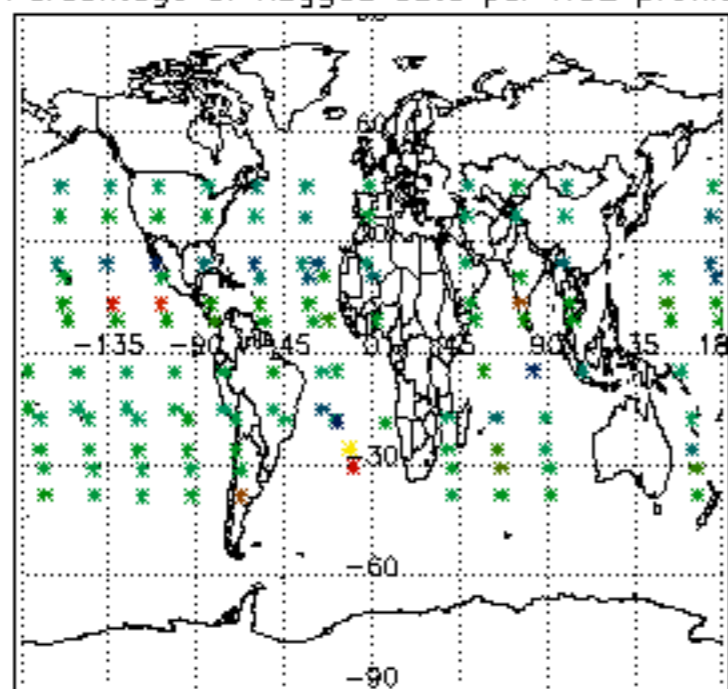
Percentage of flagged data per D3 profile



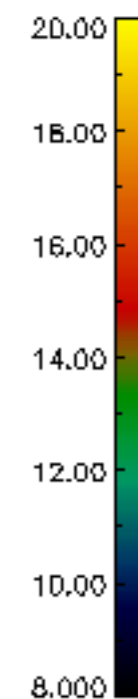
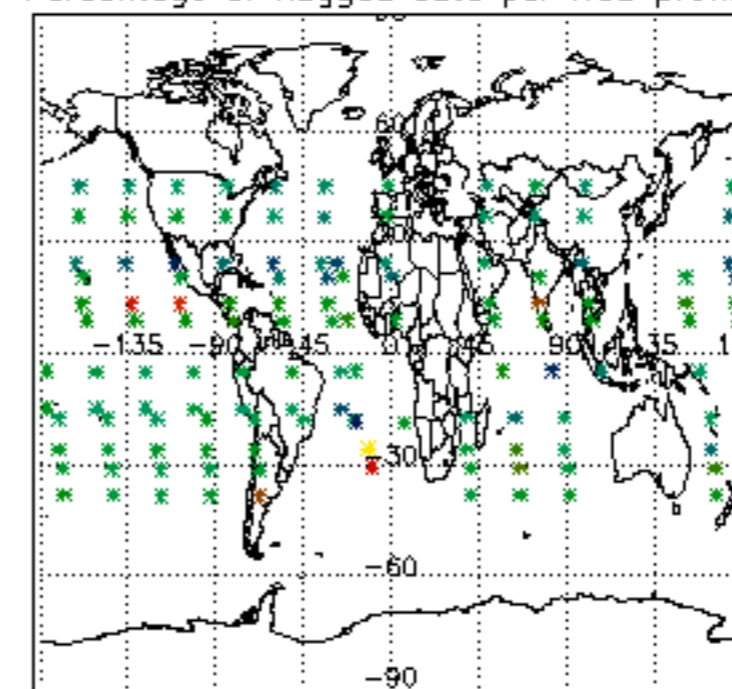
Percentage of flagged data per H2O profile

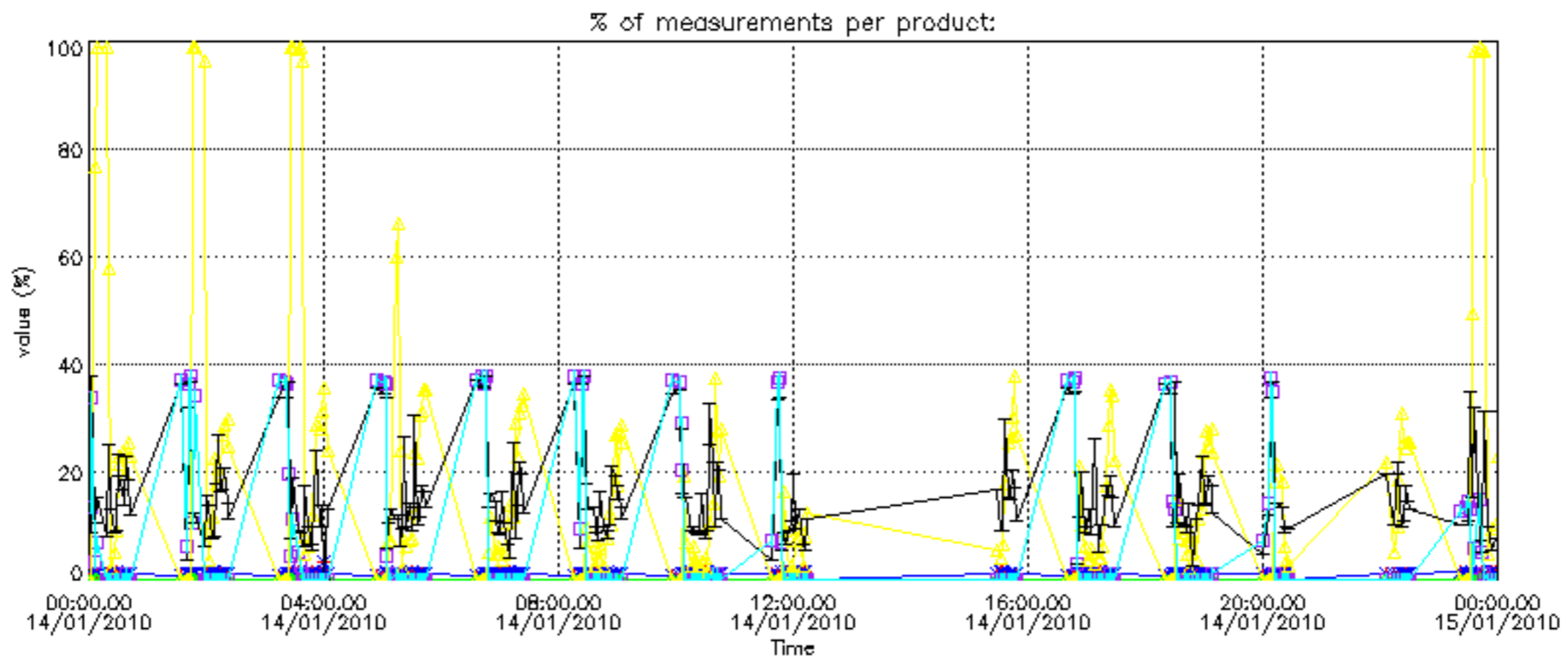


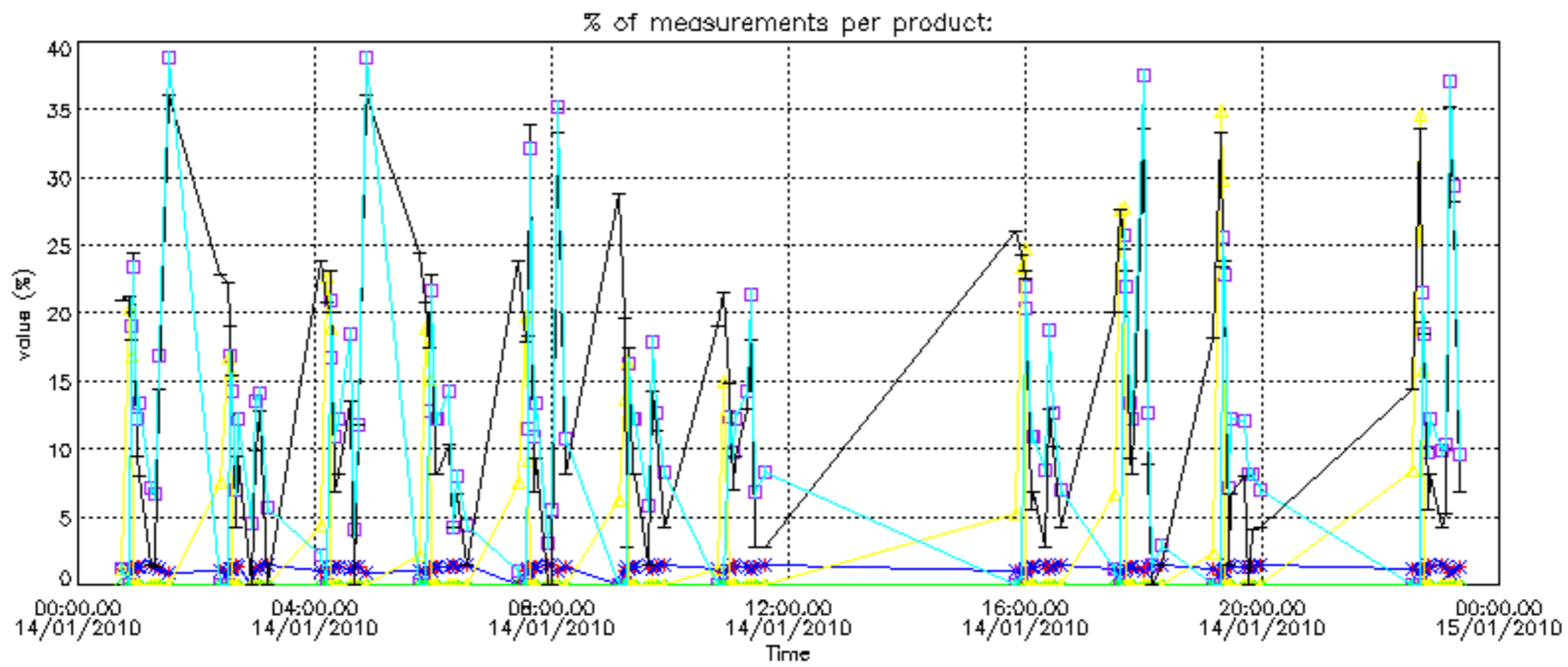
Percentage of flagged data per NO2 profile



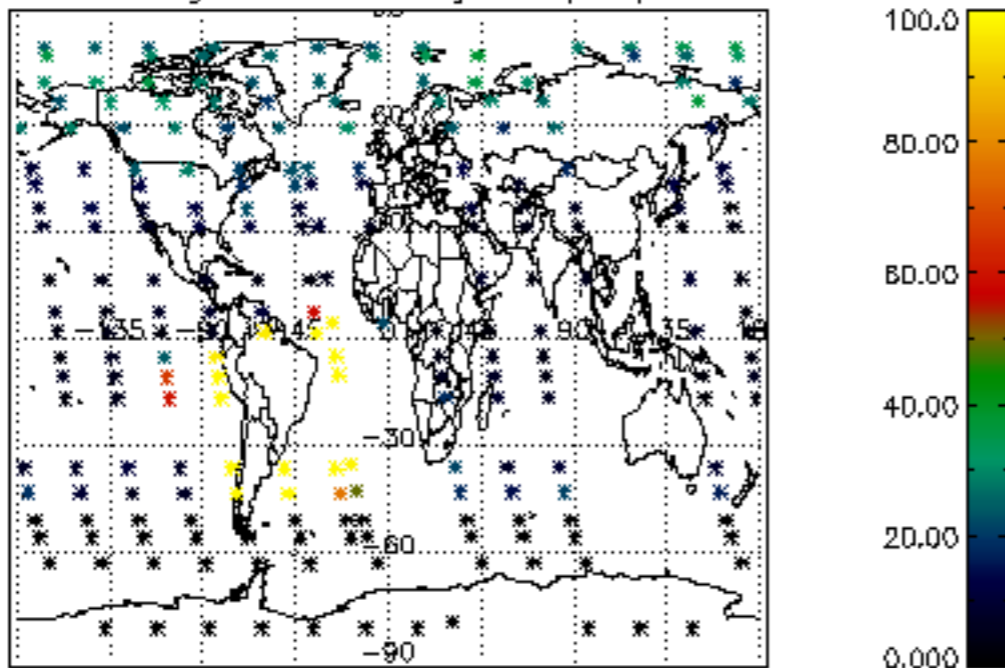
Percentage of flagged data per NO3 profile



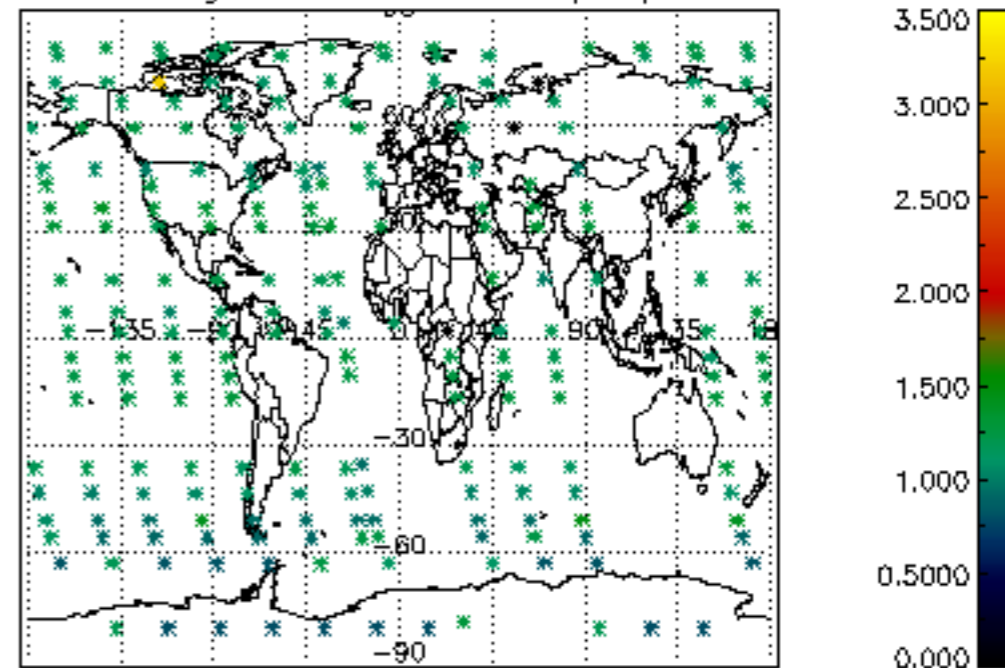




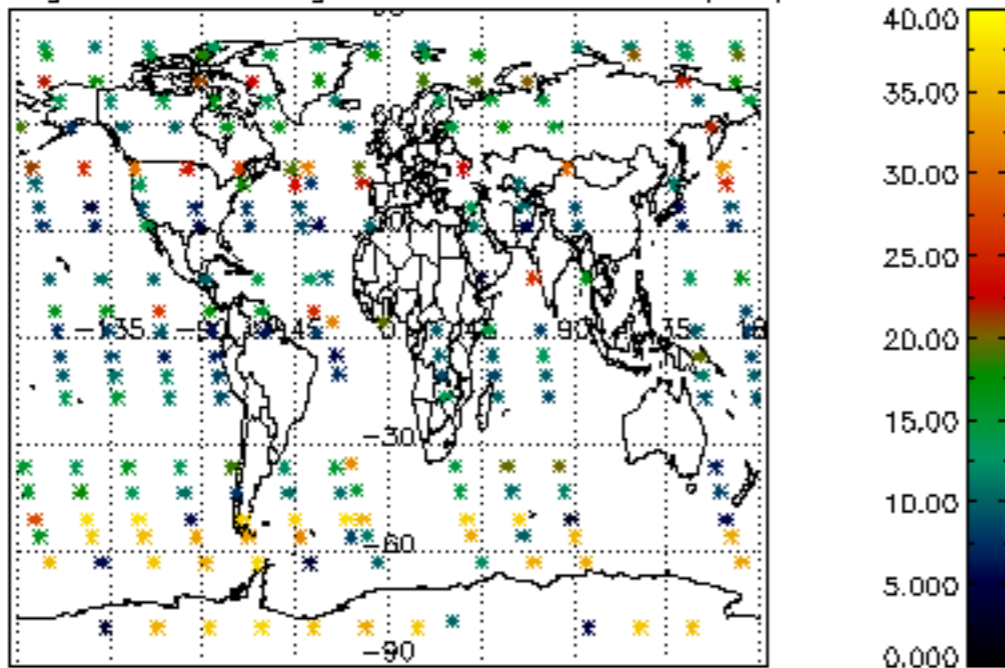
Percentage of cosmic ray hits per profile



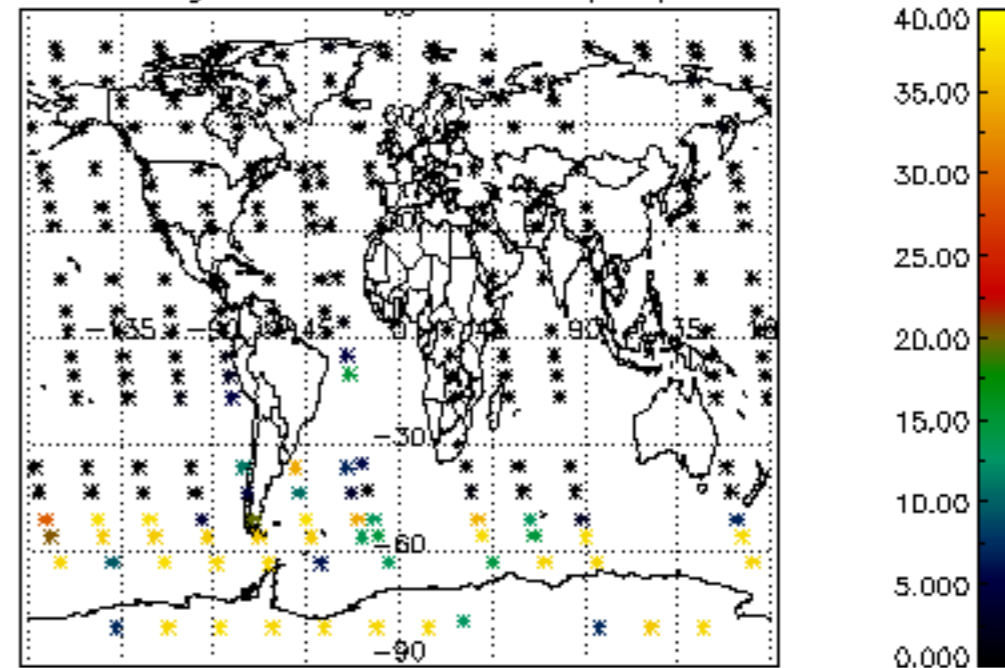
Percentage of datation errors per profile



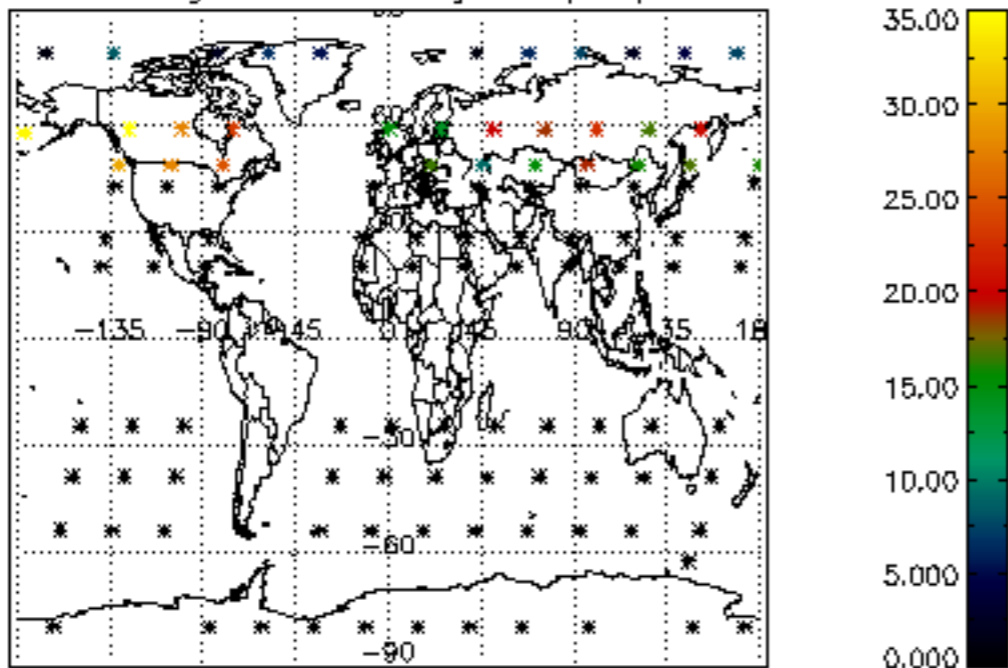
Percentage of star falling outside central band per profile



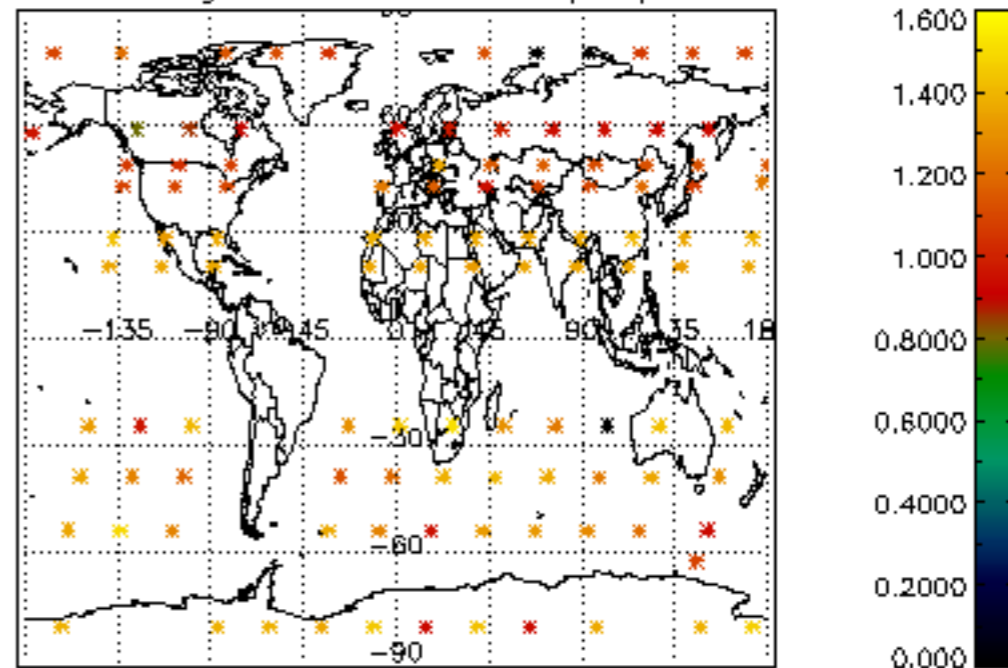
Percentage of saturation errors per profile



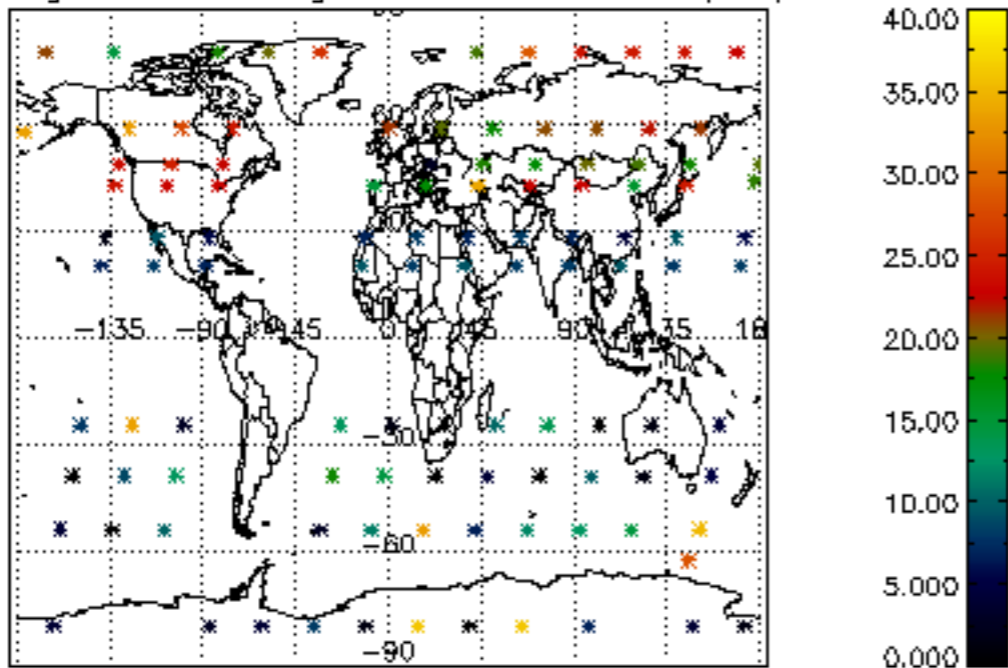
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

