

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	30APR2013 09:00:22
Data source version	GOMOS/6.01
Start time of products	11-12-2009 (11DEC2009 00:00:00)
Stop time of products	12-12-2009 (12DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

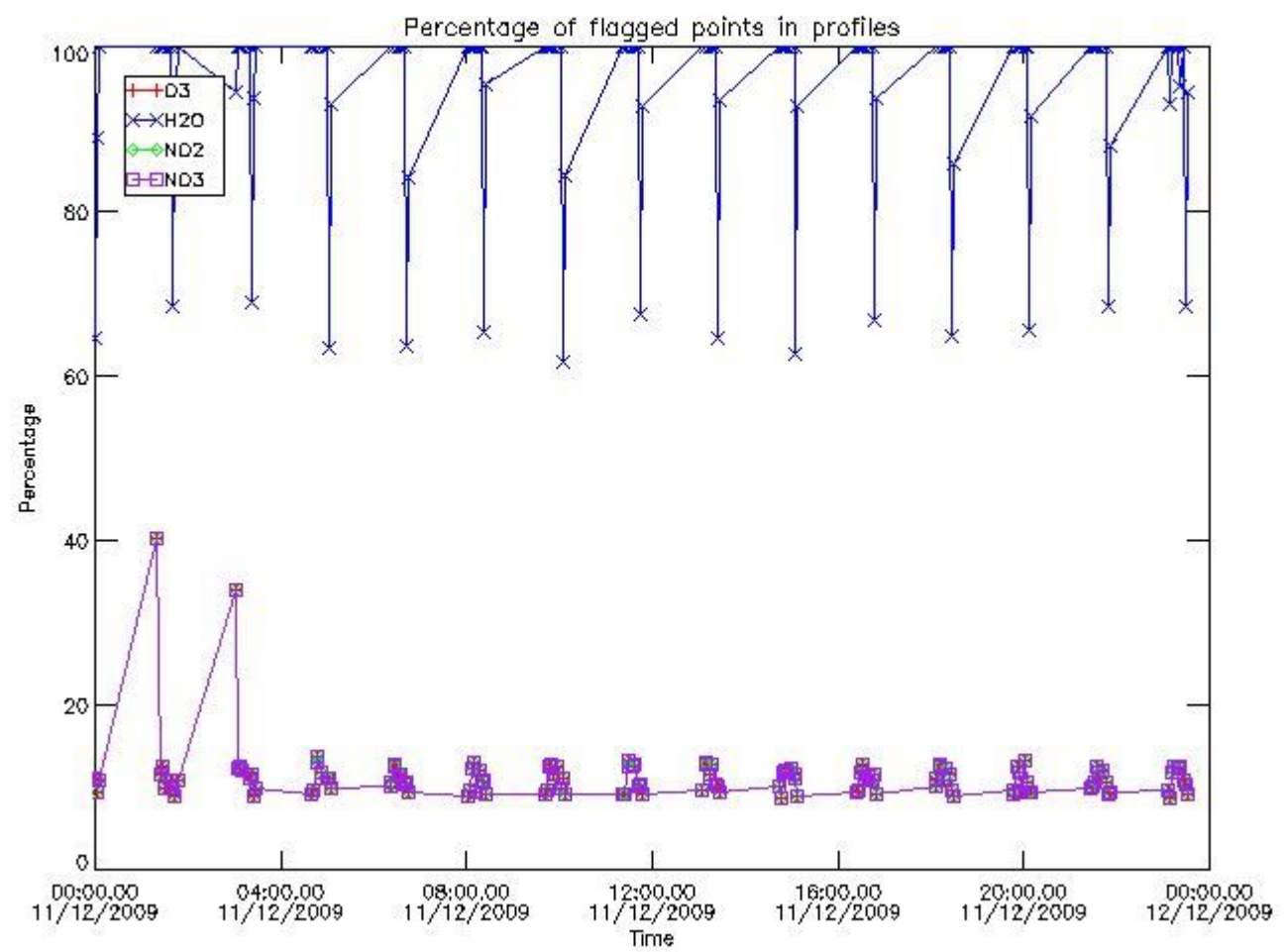
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20091211_000017_000000462085_00045_40680_5902.N1	11-DEC-2009 00:00:17	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40680	No
2	GOM_NL__2PRFIN20091211_000247_000000542085_00045_40680_5903.N1	11-DEC-2009 00:02:47	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40680	No
3	GOM_NL__2PRFIN20091211_000613_000000472085_00045_40680_5904.N1	11-DEC-2009 00:06:13	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	40680	No
4	GOM_NL__2PRFIN20091211_001137_000000462085_00045_40680_5905.N1	11-DEC-2009 00:11:37	Straylight	46.000	101	11Alp Lep	2.5820	7000.0	92	40680	No
5	GOM_NL__2PRFIN20091211_001450_000000492085_00045_40680_5906.N1	11-DEC-2009 00:14:50	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40680	No
6	GOM_NL__2PRFIN20091211_001717_000000542085_00045_40680_5907.N1	11-DEC-2009 00:17:17	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40680	No
7	GOM_NL__2PRFIN20091211_001944_000000502085_00045_40680_5908.N1	11-DEC-2009 00:19:44	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	40680	No
8	GOM_NL__2PRFIN20091211_002220_000000512085_00045_40680_5909.N1	11-DEC-2009 00:22:20	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	40680	No
9	GOM_NL__2PRFIN20091211_002634_000000362085_00045_40680_5910.N1	11-DEC-2009 00:26:34	Bright	36.000	150	44Zet Per	2.8900	28000.	72	40680	No
10	GOM_NL__2PRFIN20091211_002854_000000372085_00045_40680_5911.N1	11-DEC-2009 00:28:54	Bright	36.500	149	45Eps Per	2.8880	30000.	73	40680	No
11	GOM_NL__2PRFIN20091211_003152_000000442085_00045_40680_5912.N1	11-DEC-2009 00:31:52	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40680	No
12	GOM_NL__2PRFIN20091211_004826_000000502085_00045_40680_5913.N1	11-DEC-2009 00:48:26	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	40680	No
13	GOM_NL__2PRFIN20091211_005219_000000462085_00045_40680_5914.N1	11-DEC-2009 00:52:19	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	40680	No
14	GOM_NL__2PRFIN20091211_005443_000000562085_00045_40680_5915.N1	11-DEC-2009 00:54:43	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	40680	No
15	GOM_NL__2PRFIN20091211_005753_000000352085_00045_40680_5916.N1	11-DEC-2009 00:57:53	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40680	No
16	GOM_NL__2PRFIN20091211_010411_000000382085_00045_40680_5917.N1	11-DEC-2009 01:04:11	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	40680	No
17	GOM_NL__2PRFIN20091211_010747_000000462085_00045_40680_5918.N1	11-DEC-2009 01:07:47	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	40680	No
18	GOM_NL__2PRFIN20091211_011341_000000492085_00045_40680_5919.N1	11-DEC-2009 01:13:41	Twilight	49.000	15	67Alp Vir	0.97600	28000.	98	40680	No
19	GOM_NL__2PRFIN20091211_012036_000000572085_00045_40680_5920.N1	11-DEC-2009 01:20:36	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40680	No
20	GOM_NL__2PRFIN20091211_012436_000000442085_00045_40680_5921.N1	11-DEC-2009 01:24:36	Dark	44.000	64	Gam Cen	2.2000	10600.	88	40680	No
21	GOM_NL__2PRFIN20091211_012609_000000412085_00045_40680_5922.N1	11-DEC-2009 01:26:09	Dark	40.500	99	Del Cen	2.5750	26000.	81	40680	No
22	GOM_NL__2PRFIN20091211_012945_000000522085_00046_40681_5909.N1	11-DEC-2009 01:29:45	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40681	No
23	GOM_NL__2PRFIN20091211_013822_000000472085_00046_40681_5910.N1	11-DEC-2009 01:38:22	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40681	No
24	GOM_NL__2PRFIN20091211_014053_000000562085_00046_40681_5911.N1	11-DEC-2009 01:40:53	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	40681	No
25	GOM_NL__2PRFIN20091211_014323_000000582085_00046_40681_5912.N1	11-DEC-2009 01:43:23	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40681	No
26	GOM_NL__2PRFIN20091211_014649_000000472085_00046_40681_5913.N1	11-DEC-2009 01:46:49	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	40681	No
27	GOM_NL__2PRFIN20091211_015214_000000472085_00046_40681_5914.N1	11-DEC-2009 01:52:14	Straylight	47.000	101	11Alp Lep	2.5820	7000.0	94	40681	No
28	GOM_NL__2PRFIN20091211_015526_000000482085_00046_40681_5915.N1	11-DEC-2009 01:55:26	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	40681	No
29	GOM_NL__2PRFIN20091211_015752_000000512085_00046_40681_5916.N1	11-DEC-2009 01:57:52	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	40681	No
30	GOM_NL__2PRFIN20091211_020019_000000532085_00046_40681_5917.N1	11-DEC-2009 02:00:19	Twilight	52.500	27	24Gam Ori	1.6360	26000.	105	40681	No
31	GOM_NL__2PRFIN20091211_020255_000000562085_00046_40681_5918.N1	11-DEC-2009 02:02:55	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	40681	No
32	GOM_NL__2PRFIN20091211_020709_000000382085_00046_40681_5919.N1	11-DEC-2009 02:07:09	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40681	No
33	GOM_NL__2PRFIN20091211_020929_000000362085_00046_40681_5920.N1	11-DEC-2009 02:09:29	Bright	35.500	149	45Eps Per	2.8880	30000.	71	40681	No
34	GOM_NL__2PRFIN20091211_021227_000000452085_00046_40681_5921.N1	11-DEC-2009 02:12:27	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	40681	No
35	GOM_NL__2PRFIN20091211_022901_000000512085_00046_40681_5922.N1	11-DEC-2009 02:29:01	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	40681	No
36	GOM_NL__2PRFIN20091211_023254_000000402085_00046_40681_5923.N1	11-DEC-2009 02:32:54	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	40681	No
37	GOM_NL__2PRFIN20091211_023518_000000562085_00046_40681_5924.N1	11-DEC-2009 02:35:18	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	40681	No
38	GOM_NL__2PRFIN20091211_023829_000000342085_00046_40681_5925.N1	11-DEC-2009 02:38:29	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	40681	No
39	GOM_NL__2PRFIN20091211_024447_000000392085_00046_40681_5926.N1	11-DEC-2009 02:44:47	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	40681	No
40	GOM_NL__2PRFIN20091211_024824_000000672085_00046_40681_5927.N1	11-DEC-2009 02:48:24	Bright	67.000	138	47Eps Vir	2.8280	4700.0	134	40681	No
41	GOM_NL__2PRFIN20091211_025418_000000492085_00046_40681_5928.N1	11-DEC-2009 02:54:18	Twilight	49.000	15	67Alp Vir	0.97600	28000.	98	40681	No
42	GOM_NL__2PRFIN20091211_025746_000000452085_00046_40681_5929.N1	11-DEC-2009 02:57:46	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	40681	No

338	GOM_NL__2PRFIN20091211_214109_000000422085_00058_40693_6112.N1	11-DEC-2009 21:41:09	Dark	42.000	71	lot Car	2.2460	7700.0	84	40693	No
339	GOM_NL__2PRFIN20091211_214543_000000482085_00058_40693_6113.N1	11-DEC-2009 21:45:43	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40693	No
340	GOM_NL__2PRFIN20091211_214810_000000562085_00058_40693_6114.N1	11-DEC-2009 21:48:10	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	40693	No
341	GOM_NL__2PRFIN20091211_215042_000000552085_00058_40693_6115.N1	11-DEC-2009 21:50:42	Dark	54.500	117	Pi Pup	2.7060	3800.0	109	40693	No
342	GOM_NL__2PRFIN20091211_215407_000000572085_00058_40693_6116.N1	11-DEC-2009 21:54:07	Straylight	57.000	23	21Eps CMa	1.5020	26000.	114	40693	No
343	GOM_NL__2PRFIN20091211_215858_000000522085_00058_40693_6117.N1	11-DEC-2009 21:58:58	Straylight	52.000	47	2Bet CMa	1.9760	28000.	104	40693	No
344	GOM_NL__2PRFIN20091211_220237_000000572085_00058_40693_6118.N1	11-DEC-2009 22:02:37	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	40693	No
345	GOM_NL__2PRFIN20091211_220502_000000512085_00058_40693_6119.N1	11-DEC-2009 22:05:02	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	40693	No
346	GOM_NL__2PRFIN20091211_220728_000000502085_00058_40693_6120.N1	11-DEC-2009 22:07:28	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	40693	No
347	GOM_NL__2PRFIN20091211_221005_000000512085_00058_40693_6121.N1	11-DEC-2009 22:10:05	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	40693	No
348	GOM_NL__2PRFIN20091211_221242_000000462085_00058_40693_6122.N1	11-DEC-2009 22:12:42	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	40693	No
349	GOM_NL__2PRFIN20091211_221420_000000352085_00058_40693_6123.N1	11-DEC-2009 22:14:20	Bright	34.500	150	44Zet Per	2.8900	28000.	69	40693	No
350	GOM_NL__2PRFIN20091211_221640_000000362085_00058_40693_6124.N1	11-DEC-2009 22:16:40	Bright	35.500	149	45Eps Per	2.8880	30000.	71	40693	No
351	GOM_NL__2PRFIN20091211_221933_000000482085_00058_40693_6125.N1	11-DEC-2009 22:19:33	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40693	No
352	GOM_NL__2PRFIN20091211_223607_000000492085_00058_40693_6126.N1	11-DEC-2009 22:36:07	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40693	No
353	GOM_NL__2PRFIN20091211_224003_000000472085_00058_40693_6127.N1	11-DEC-2009 22:40:03	Bright	47.000	32	77Eps UMa	1.7630	11000.	94	40693	No
354	GOM_NL__2PRFIN20091211_224230_000000412085_00058_40693_6128.N1	11-DEC-2009 22:42:30	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	40693	No
355	GOM_NL__2PRFIN20091211_224542_000000362085_00058_40693_6129.N1	11-DEC-2009 22:45:42	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	40693	No
356	GOM_NL__2PRFIN20091211_225202_000000392085_00058_40693_6130.N1	11-DEC-2009 22:52:02	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	40693	No
357	GOM_NL__2PRFIN20091211_225542_000000682085_00058_40693_6131.N1	11-DEC-2009 22:55:42	Bright	68.000	138	47Eps Vir	2.8280	4700.0	136	40693	No
358	GOM_NL__2PRFIN20091211_230137_000000492085_00058_40693_6132.N1	11-DEC-2009 23:01:37	Twilight	48.500	15	67Alp Vir	0.97600	28000.	97	40693	No
359	GOM_NL__2PRFIN20091211_230505_000000442085_00058_40693_6133.N1	11-DEC-2009 23:05:05	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	40693	No
360	GOM_NL__2PRFIN20091211_230703_000000532085_00058_40693_6134.N1	11-DEC-2009 23:07:03	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40693	No
361	GOM_NL__2PRFIN20091211_230839_000000652085_00058_40693_6135.N1	11-DEC-2009 23:08:39	Dark	65.000	171	2Eps Crv	3.0010	4250.0	130	40693	No
362	GOM_NL__2PRFIN20091211_231231_000000442085_00058_40693_6136.N1	11-DEC-2009 23:12:31	Dark	43.500	64	Gam Cen	2.2000	10600.	87	40693	No
363	GOM_NL__2PRFIN20091211_231405_000000412085_00058_40693_6119.N1	11-DEC-2009 23:14:05	Dark	41.000	99	Del Cen	2.5750	26000.	82	40693	No
364	GOM_NL__2PRFIN20091211_231743_000000422085_00059_40694_6120.N1	11-DEC-2009 23:17:43	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	40694	No
365	GOM_NL__2PRFIN20091211_232146_000000412085_00059_40694_6121.N1	11-DEC-2009 23:21:46	Dark	41.000	71	lot Car	2.2460	7700.0	82	40694	No
366	GOM_NL__2PRFIN20091211_232620_000000472085_00059_40694_6122.N1	11-DEC-2009 23:26:20	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40694	No
367	GOM_NL__2PRFIN20091211_232846_000000502085_00059_40694_6123.N1	11-DEC-2009 23:28:46	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	40694	No
368	GOM_NL__2PRFIN20091211_233119_000000552085_00059_40694_6124.N1	11-DEC-2009 23:31:19	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40694	No
369	GOM_NL__2PRFIN20091211_233443_000000542085_00059_40694_6125.N1	11-DEC-2009 23:34:43	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	40694	No
370	GOM_NL__2PRFIN20091211_233934_000000552085_00059_40694_6126.N1	11-DEC-2009 23:39:34	Straylight	55.000	47	2Bet CMa	1.9760	28000.	110	40694	No
371	GOM_NL__2PRFIN20091211_234313_000000572085_00059_40694_6127.N1	11-DEC-2009 23:43:13	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	40694	No
372	GOM_NL__2PRFIN20091211_234538_000000512085_00059_40694_6128.N1	11-DEC-2009 23:45:38	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	40694	No
373	GOM_NL__2PRFIN20091211_234804_000000482085_00059_40694_6129.N1	11-DEC-2009 23:48:04	Twilight	48.000	27	24Gam Ori	1.6360	26000.	96	40694	No
374	GOM_NL__2PRFIN20091211_235041_000000482085_00059_40694_6130.N1	11-DEC-2009 23:50:41	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	40694	No
375	GOM_NL__2PRFIN20091211_235317_000000442085_00059_40694_6131.N1	11-DEC-2009 23:53:17	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	40694	No
376	GOM_NL__2PRFIN20091211_235456_000000352085_00059_40694_6132.N1	11-DEC-2009 23:54:56	Bright	35.000	150	44Zet Per	2.8900	28000.	70	40694	No
377	GOM_NL__2PRFIN20091211_235716_000000362085_00059_40694_6133.N1	11-DEC-2009 23:57:16	Bright	36.000	149	45Eps Per	2.8880	30000.	72	40694	No

3. Quality information per product

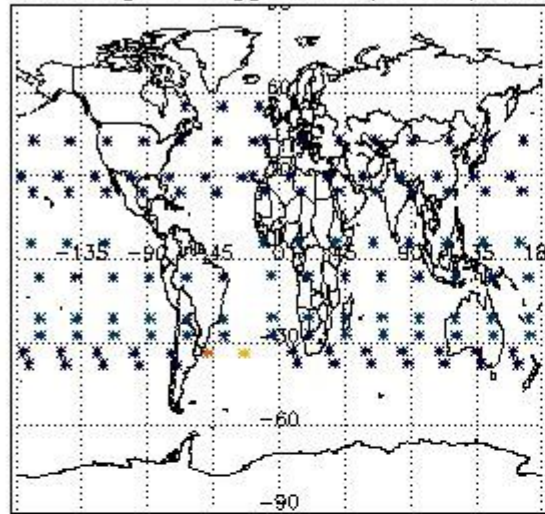
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

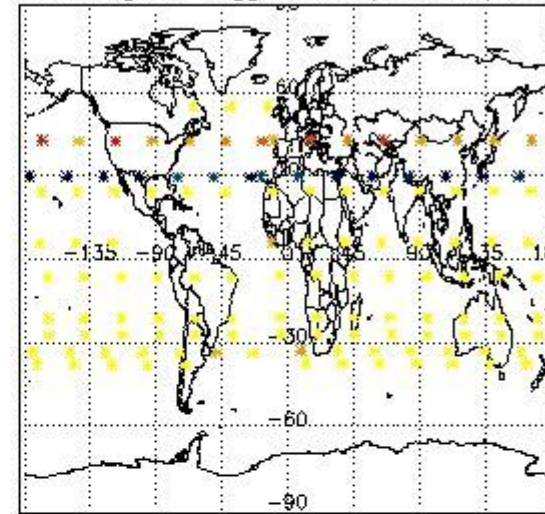


3.2 Plot quality information per product (world map)

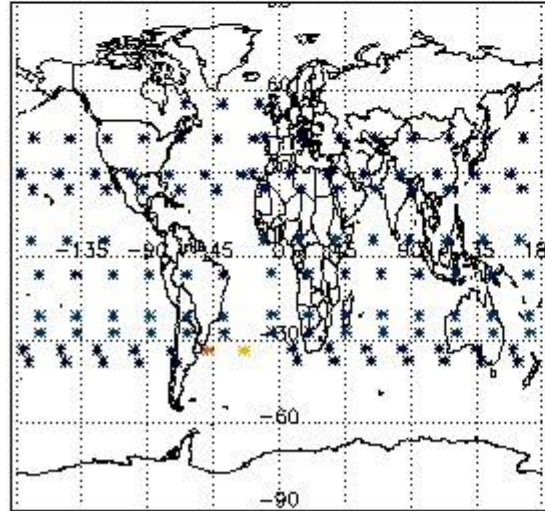
Percentage of flagged data per O3 profile



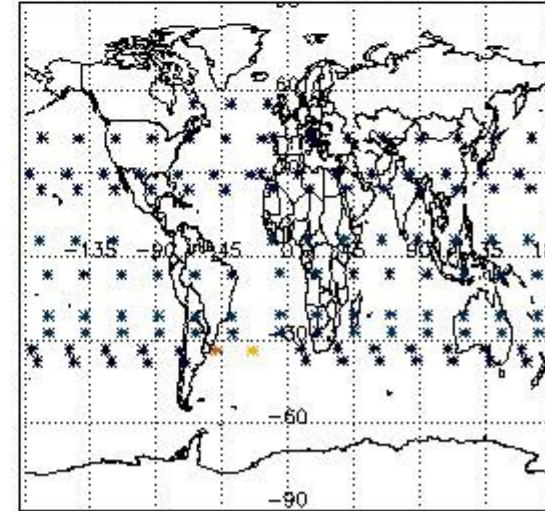
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

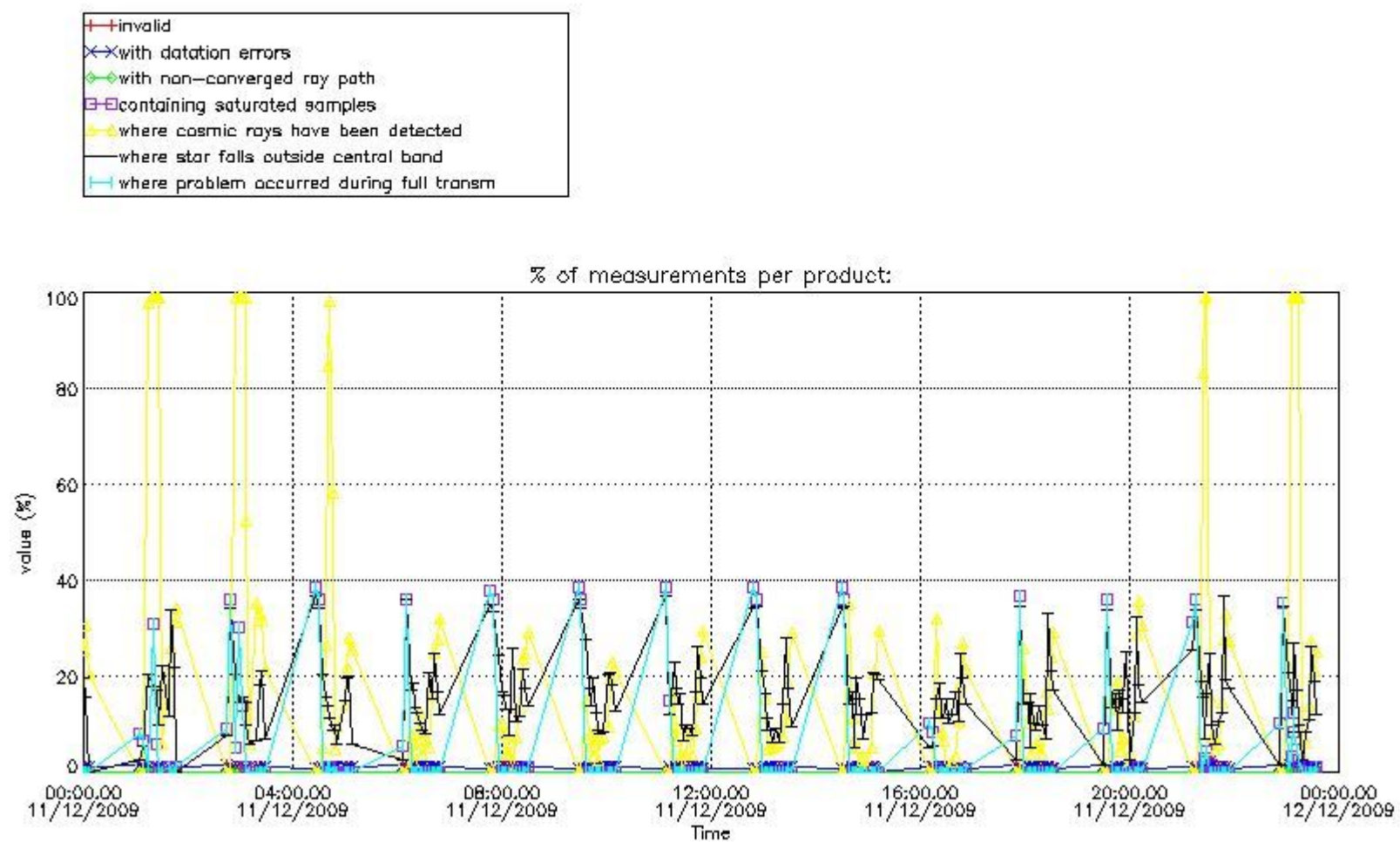


4. Level 1 quality information per product

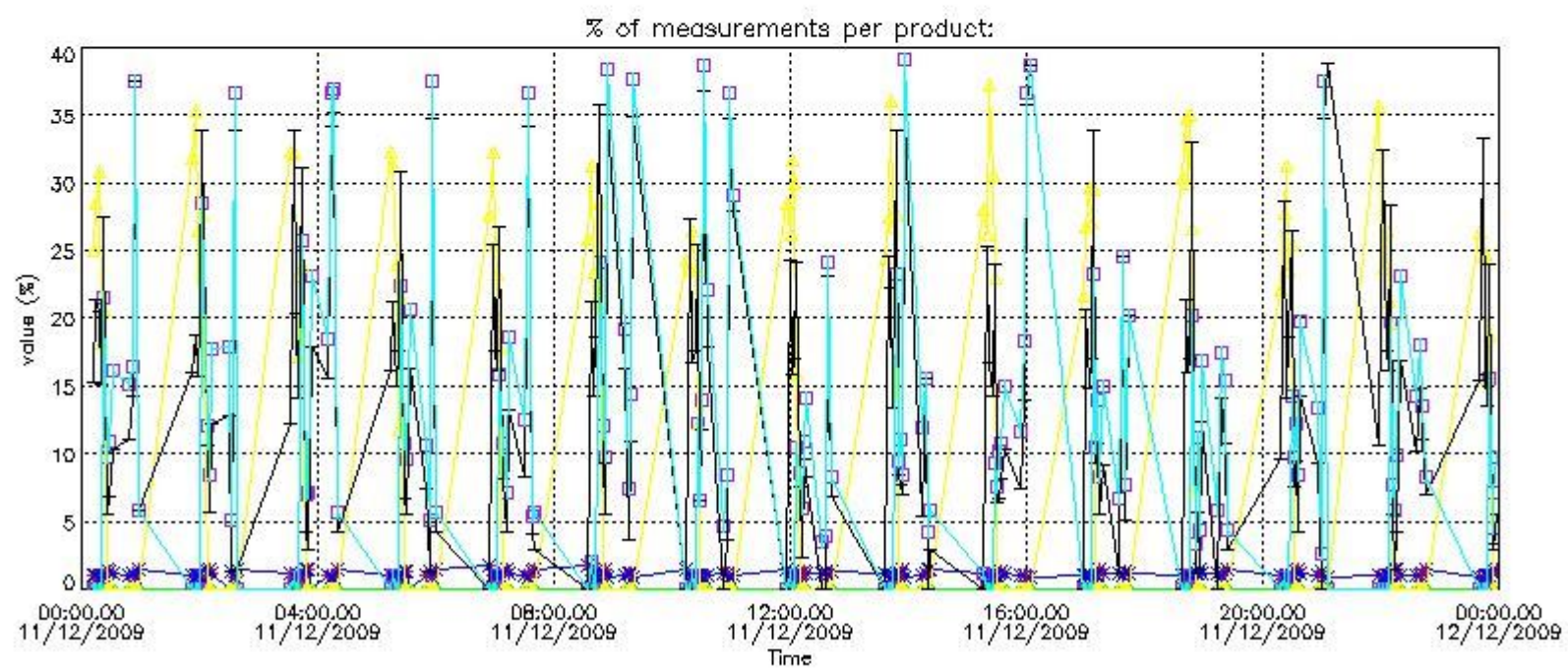
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



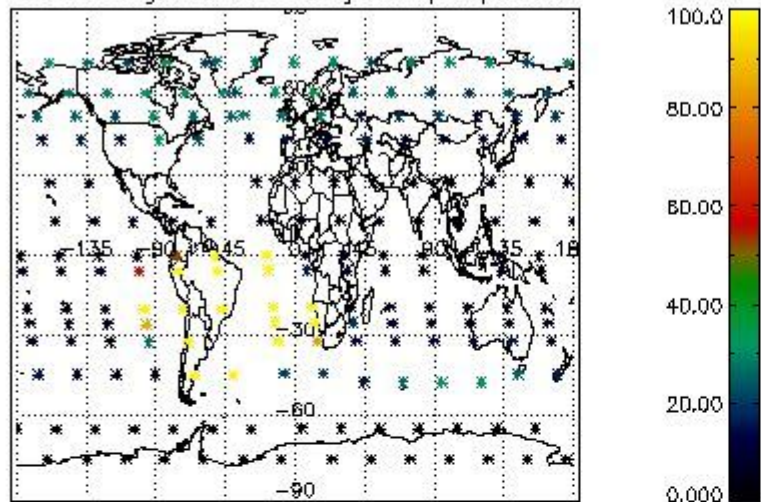
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



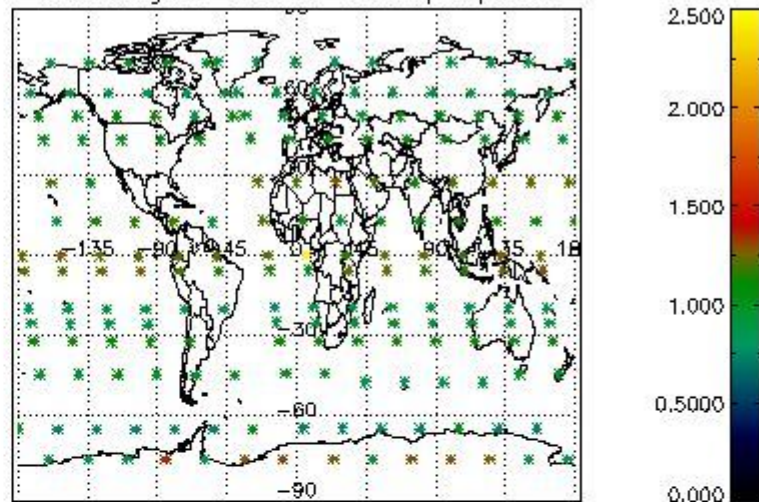
4.2 Plot quality information per product coming from level 1b processing (world map)

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

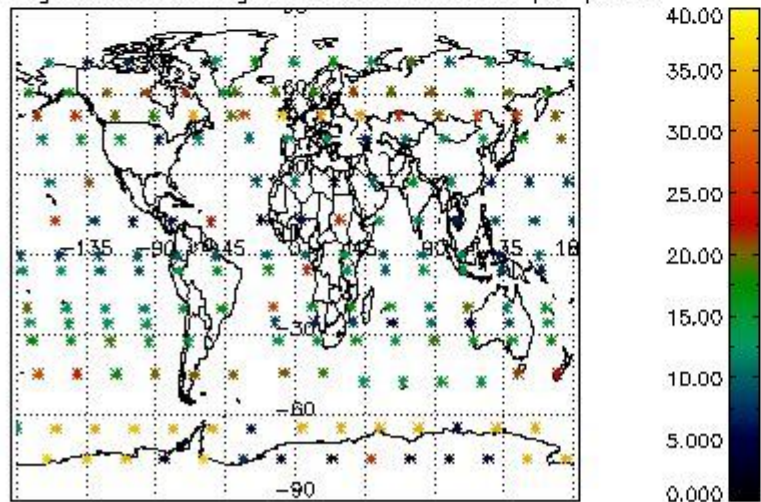
Percentage of cosmic ray hits per profile



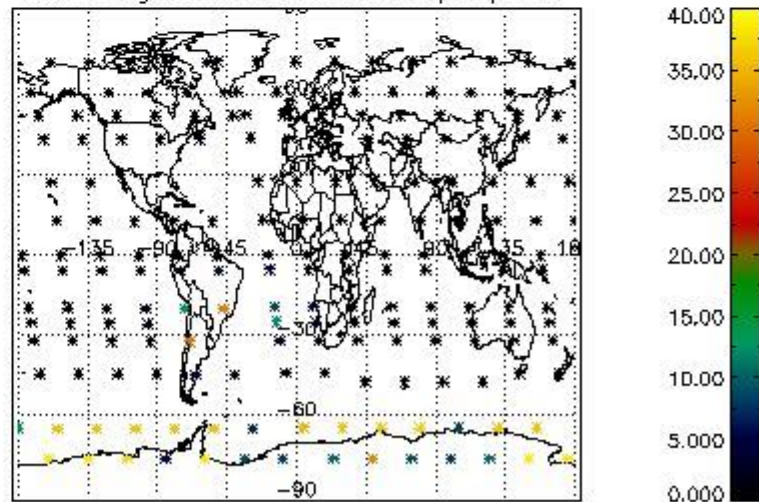
Percentage of datation errors per profile



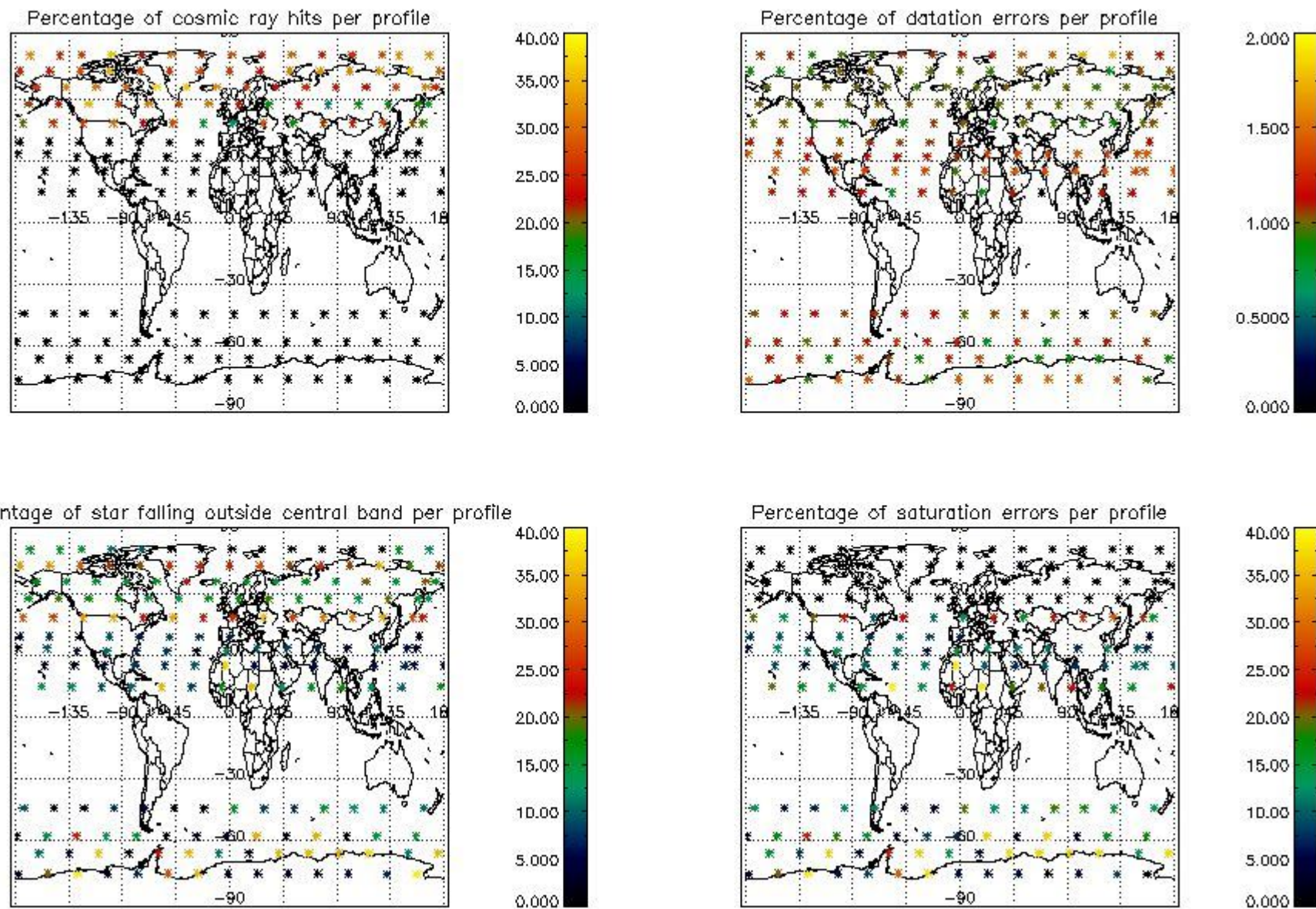
Percentage of star falling outside central band per profile



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

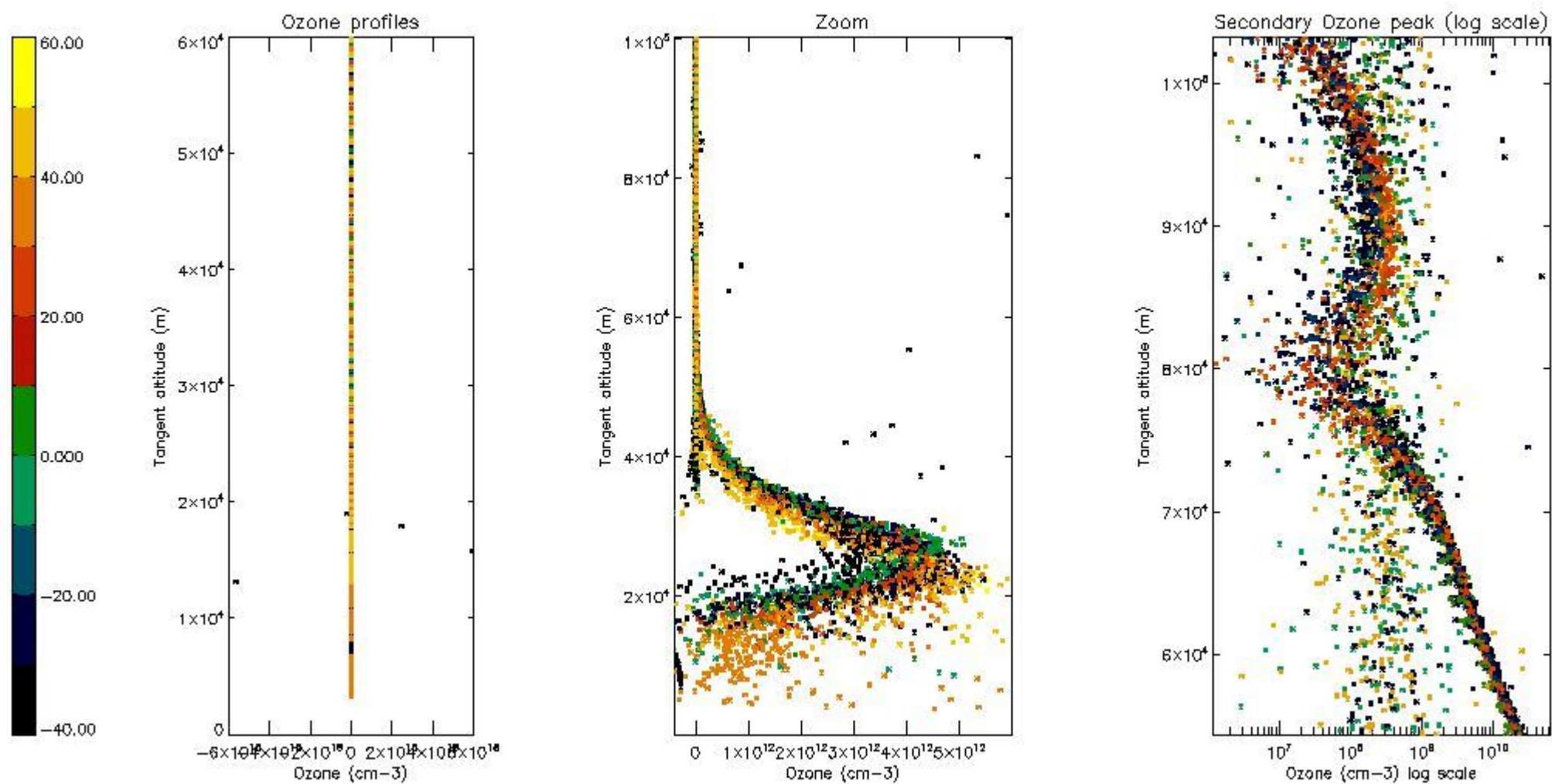
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	16

STD < 10	12
STD < 5	7

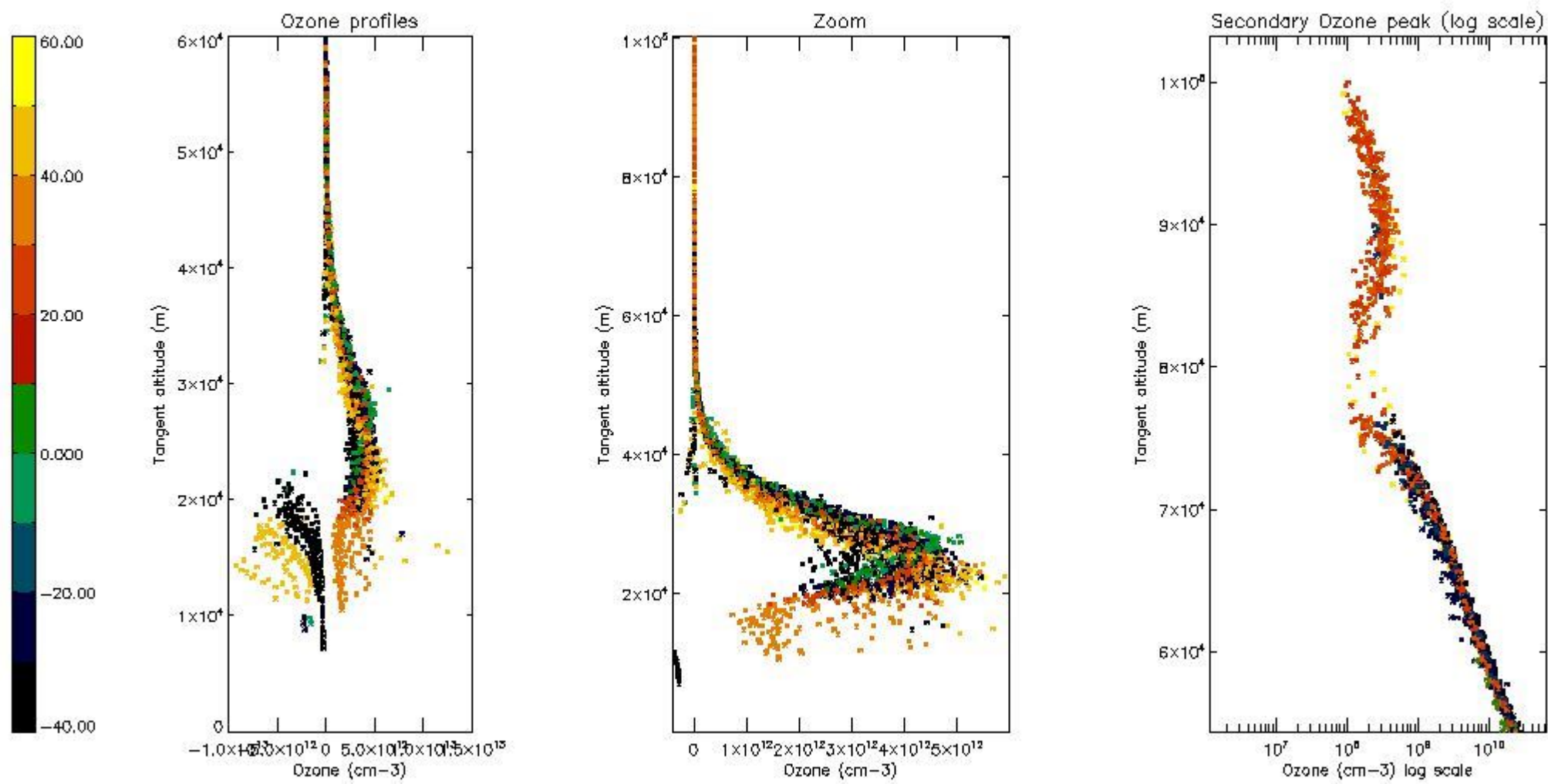
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



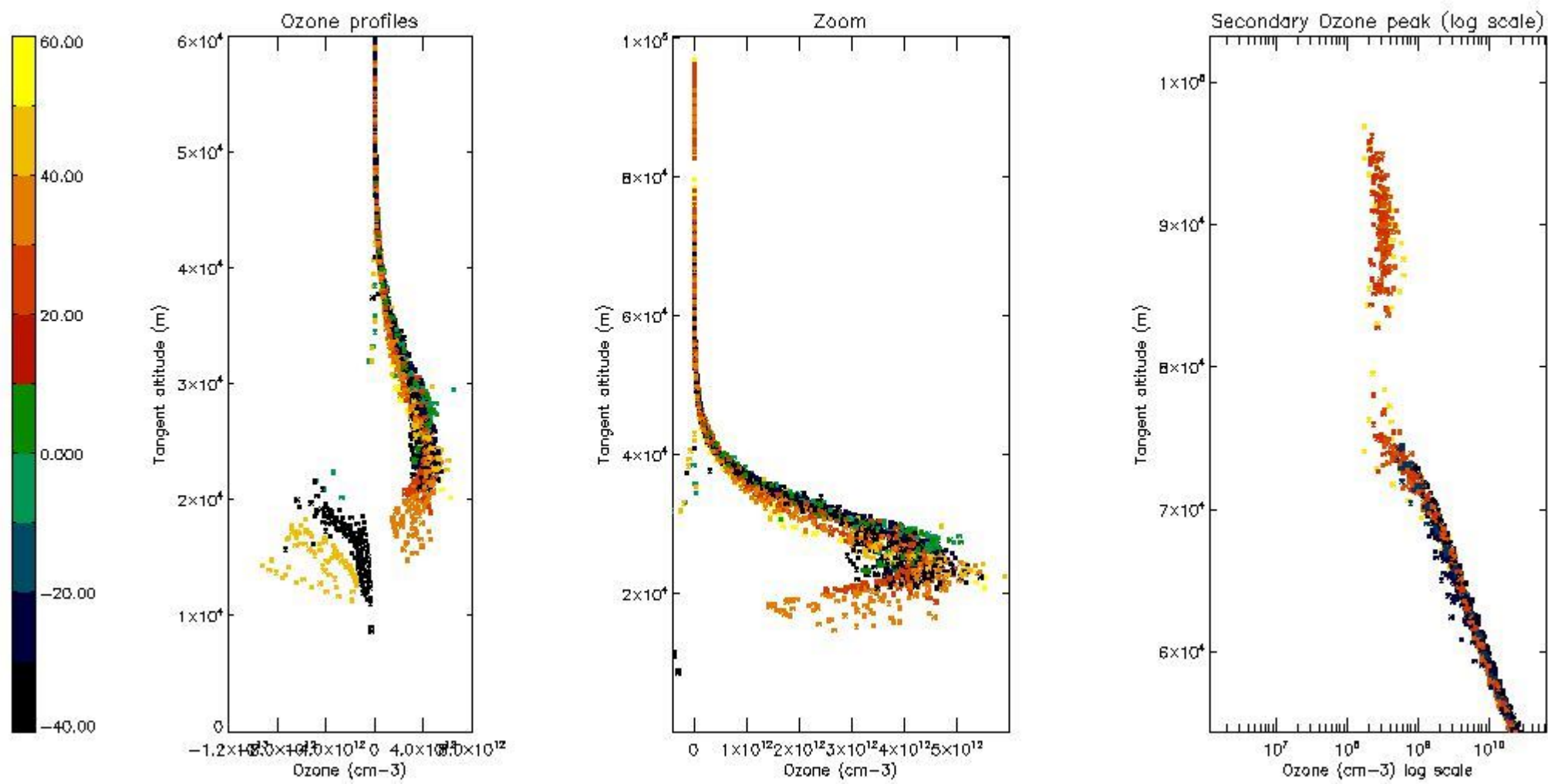
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



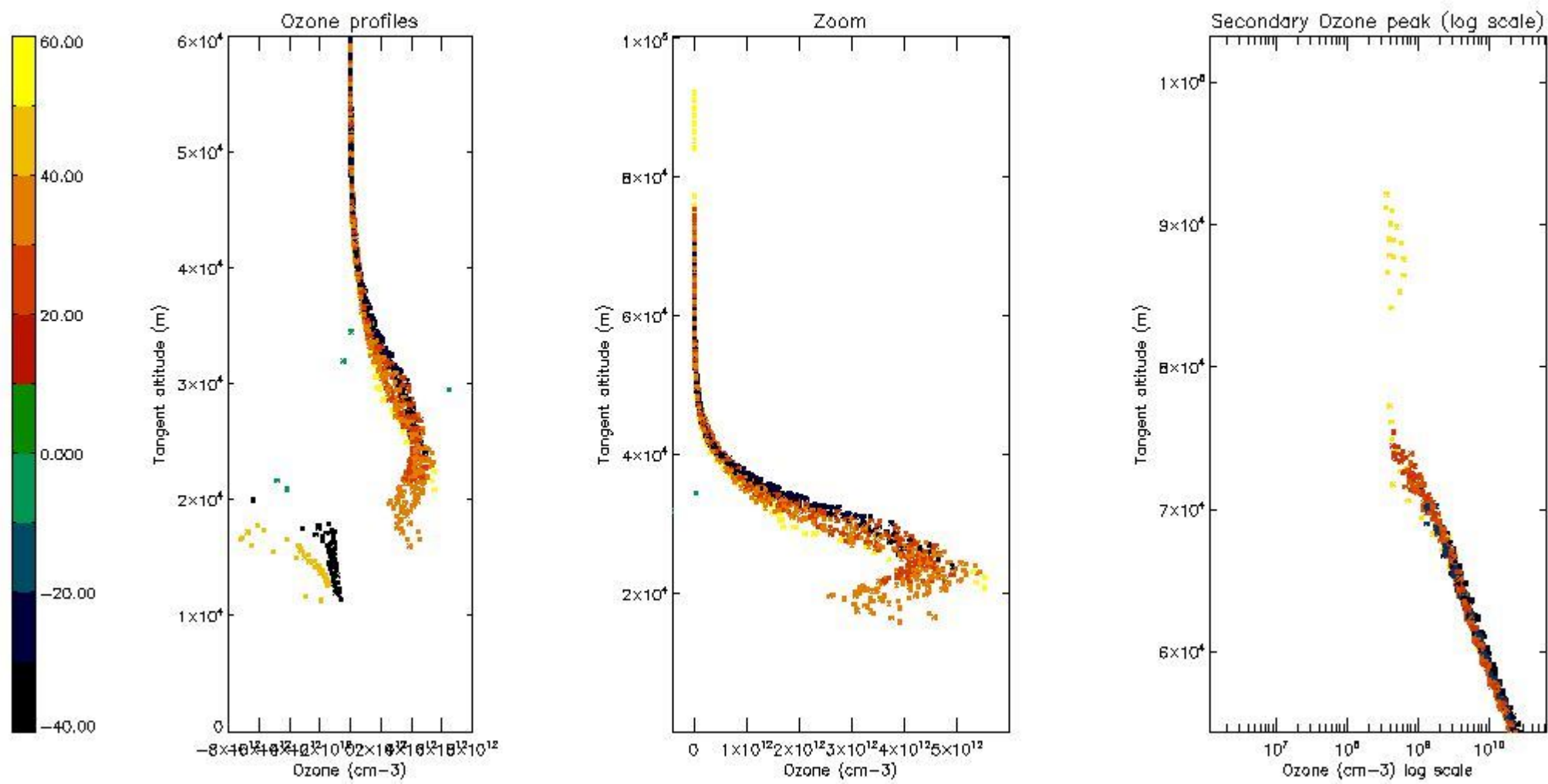
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



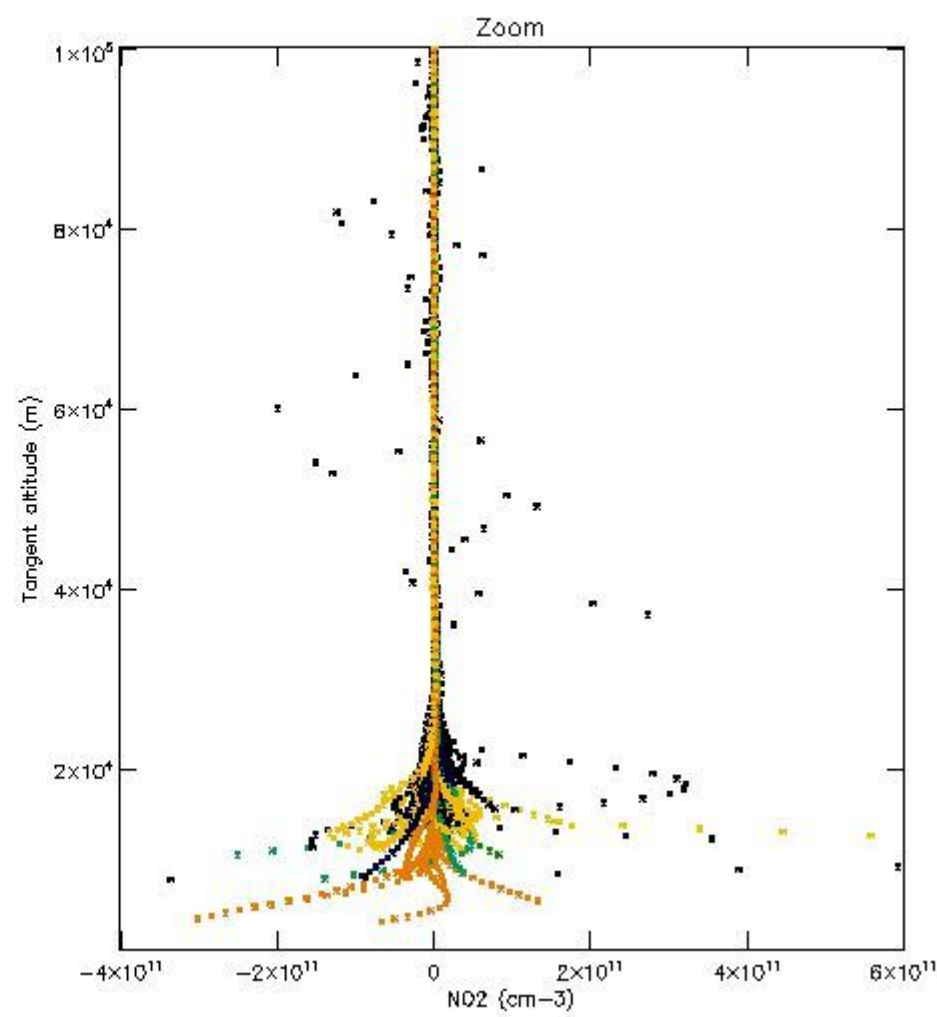
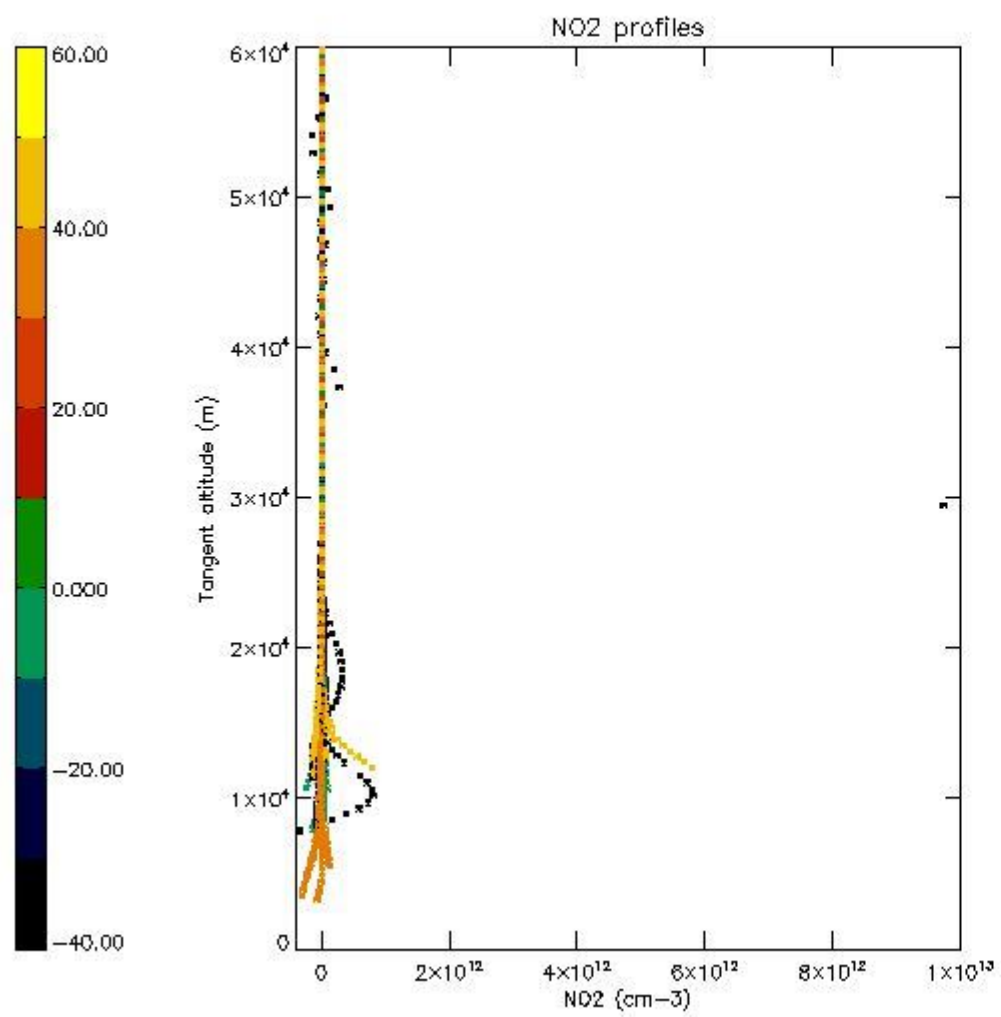
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



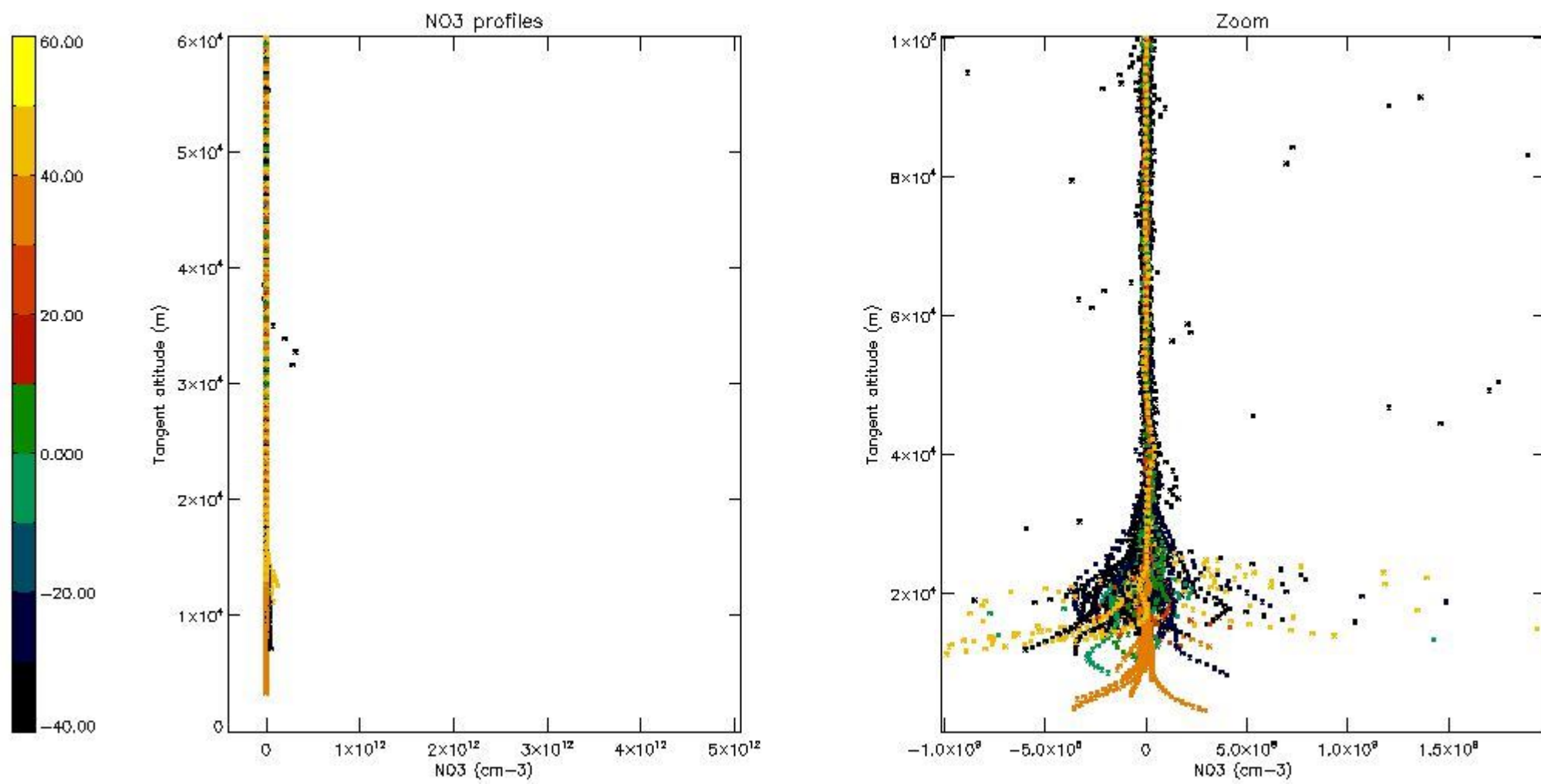
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



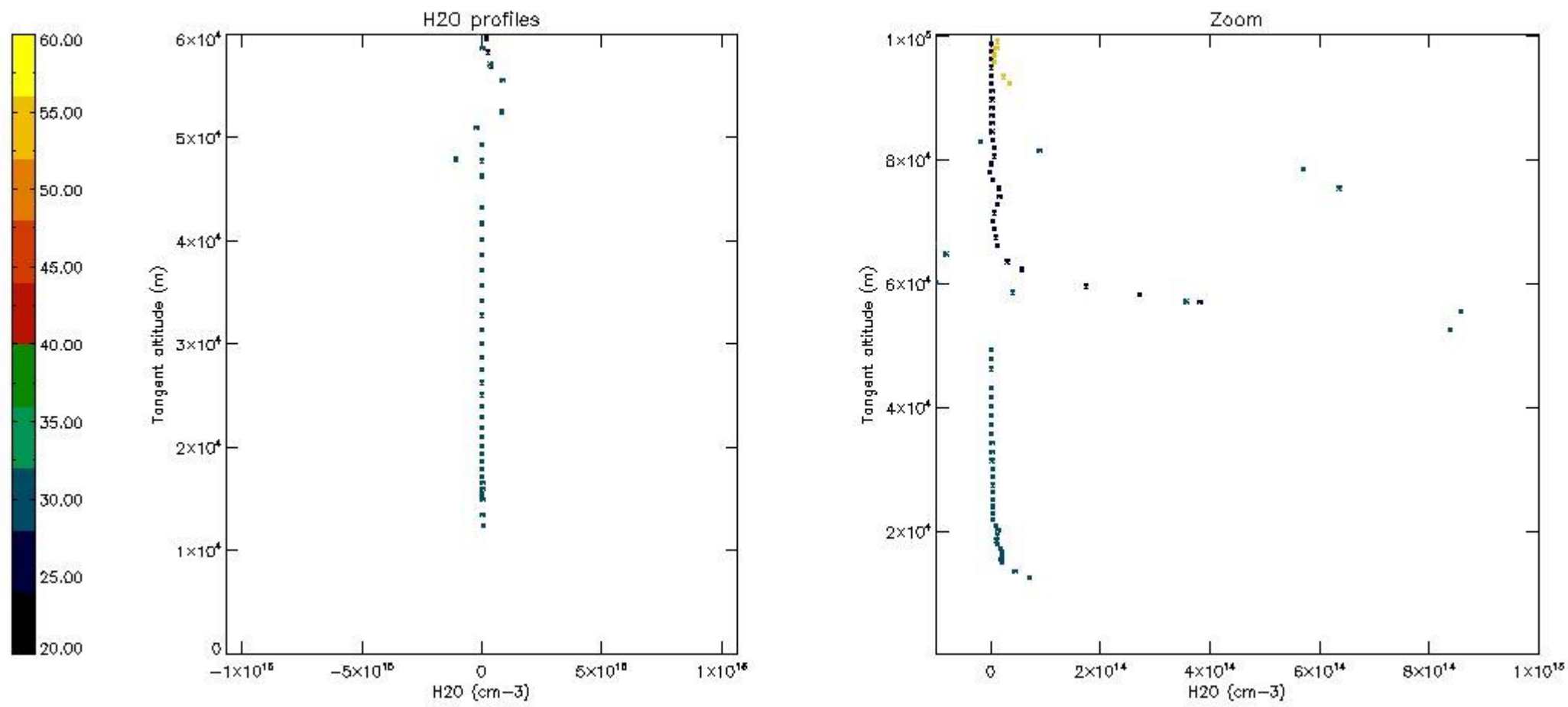
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-DEC-2009 00:00:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-DEC-2009 00:00:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-DEC-2009 00:00:17

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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[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	30APR2013 09:00:22
Data source version	GOMOS/6.01
Start time of products	11-12-2009 (11DEC2009 00:00:00)
Stop time of products	12-12-2009 (12DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
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__2PRFIN20091211_000017_000000462085_00045_40680_5902.N1	11-DEC-2009 00:00:17	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40680	No
2	GOM_NL__2PRFIN20091211_000247_000000542085_00045_40680_5903.N1	11-DEC-2009 00:02:47	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40680	No
3	GOM_NL__2PRFIN20091211_000613_000000472085_00045_40680_5904.N1	11-DEC-2009 00:06:13	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	40680	No
4	GOM_NL__2PRFIN20091211_001137_000000462085_00045_40680_5905.N1	11-DEC-2009 00:11:37	Straylight	46.000	101	11Alp Lep	2.5820	7000.0	92	40680	No
5	GOM_NL__2PRFIN20091211_001450_000000492085_00045_40680_5906.N1	11-DEC-2009 00:14:50	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40680	No
6	GOM_NL__2PRFIN20091211_001717_000000542085_00045_40680_5907.N1	11-DEC-2009 00:17:17	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40680	No
7	GOM_NL__2PRFIN20091211_001944_000000502085_00045_40680_5908.N1	11-DEC-2009 00:19:44	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	40680	No
8	GOM_NL__2PRFIN20091211_002220_000000512085_00045_40680_5909.N1	11-DEC-2009 00:22:20	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	40680	No
9	GOM_NL__2PRFIN20091211_002634_000000362085_00045_40680_5910.N1	11-DEC-2009 00:26:34	Bright	36.000	150	44Zet Per	2.8900	28000.	72	40680	No
10	GOM_NL__2PRFIN20091211_002854_000000372085_00045_40680_5911.N1	11-DEC-2009 00:28:54	Bright	36.500	149	45Eps Per	2.8880	30000.	73	40680	No
11	GOM_NL__2PRFIN20091211_003152_000000442085_00045_40680_5912.N1	11-DEC-2009 00:31:52	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40680	No
12	GOM_NL__2PRFIN20091211_004826_000000502085_00045_40680_5913.N1	11-DEC-2009 00:48:26	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	40680	No
13	GOM_NL__2PRFIN20091211_005219_000000462085_00045_40680_5914.N1	11-DEC-2009 00:52:19	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	40680	No
14	GOM_NL__2PRFIN20091211_005443_000000562085_00045_40680_5915.N1	11-DEC-2009 00:54:43	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	40680	No
15	GOM_NL__2PRFIN20091211_005753_000000352085_00045_40680_5916.N1	11-DEC-2009 00:57:53	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40680	No
16	GOM_NL__2PRFIN20091211_010411_000000382085_00045_40680_5917.N1	11-DEC-2009 01:04:11	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	40680	No
17	GOM_NL__2PRFIN20091211_010747_000000462085_00045_40680_5918.N1	11-DEC-2009 01:07:47	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	40680	No
18	GOM_NL__2PRFIN20091211_011341_000000492085_00045_40680_5919.N1	11-DEC-2009 01:13:41	Twilight	49.000	15	67Alp Vir	0.97600	28000.	98	40680	No
19	GOM_NL__2PRFIN20091211_012036_000000572085_00045_40680_5920.N1	11-DEC-2009 01:20:36	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40680	No
20	GOM_NL__2PRFIN20091211_012436_000000442085_00045_40680_5921.N1	11-DEC-2009 01:24:36	Dark	44.000	64	Gam Cen	2.2000	10600.	88	40680	No
21	GOM_NL__2PRFIN20091211_012609_000000412085_00045_40680_5922.N1	11-DEC-2009 01:26:09	Dark	40.500	99	Del Cen	2.5750	26000.	81	40680	No
22	GOM_NL__2PRFIN20091211_012945_000000522085_00046_40681_5909.N1	11-DEC-2009 01:29:45	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40681	No
23	GOM_NL__2PRFIN20091211_013822_000000472085_00046_40681_5910.N1	11-DEC-2009 01:38:22	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40681	No
24	GOM_NL__2PRFIN20091211_014053_000000562085_00046_40681_5911.N1	11-DEC-2009 01:40:53	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	40681	No
25	GOM_NL__2PRFIN20091211_014323_000000582085_00046_40681_5912.N1	11-DEC-2009 01:43:23	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40681	No
26	GOM_NL__2PRFIN20091211_014649_000000472085_00046_40681_5913.N1	11-DEC-2009 01:46:49	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	40681	No
27	GOM_NL__2PRFIN20091211_015214_000000472085_00046_40681_5914.N1	11-DEC-2009 01:52:14	Straylight	47.000	101	11Alp Lep	2.5820	7000.0	94	40681	No
28	GOM_NL__2PRFIN20091211_015526_000000482085_00046_40681_5915.N1	11-DEC-2009 01:55:26	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	40681	No
29	GOM_NL__2PRFIN20091211_015752_000000512085_00046_40681_5916.N1	11-DEC-2009 01:57:52	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	40681	No
30	GOM_NL__2PRFIN20091211_020019_000000532085_00046_40681_5917.N1	11-DEC-2009 02:00:19	Twilight	52.500	27	24Gam Ori	1.6360	26000.	105	40681	No
31	GOM_NL__2PRFIN20091211_020255_000000562085_00046_40681_5918.N1	11-DEC-2009 02:02:55	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	40681	No
32	GOM_NL__2PRFIN20091211_020709_000000382085_00046_40681_5919.N1	11-DEC-2009 02:07:09	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40681	No
33	GOM_NL__2PRFIN20091211_020929_000000362085_00046_40681_5920.N1	11-DEC-2009 02:09:29	Bright	35.500	149	45Eps Per	2.8880	30000.	71	40681	No
34	GOM_NL__2PRFIN20091211_021227_000000452085_00046_40681_5921.N1	11-DEC-2009 02:12:27	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	40681	No
35	GOM_NL__2PRFIN20091211_022901_000000512085_00046_40681_5922.N1	11-DEC-2009 02:29:01	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	40681	No
36	GOM_NL__2PRFIN20091211_023254_000000402085_00046_40681_5923.N1	11-DEC-2009 02:32:54	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	40681	No
37	GOM_NL__2PRFIN20091211_023518_000000562085_00046_40681_5924.N1	11-DEC-2009 02:35:18	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	40681	No
38	GOM_NL__2PRFIN20091211_023829_000000342085_00046_40681_5925.N1	11-DEC-2009 02:38:29	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	40681	No
39	GOM_NL__2PRFIN20091211_024447_000000392085_00046_40681_5926.N1	11-DEC-2009 02:44:47	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	40681	No
40	GOM_NL__2PRFIN20091211_024824_000000672085_00046_40681_5927.N1	11-DEC-2009 02:48:24	Bright	67.000	138	47Eps Vir	2.8280	4700.0	134	40681	No
41	GOM_NL__2PRFIN20091211_025418_000000492085_00046_40681_5928.N1	11-DEC-2009 02:54:18	Twilight	49.000	15	67Alp Vir	0.97600	28000.	98	40681	No
42	GOM_NL__2PRFIN20091211_025746_000000452085_00046_40681_5929.N1	11-DEC-2009 02:57:46	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	40681	No

102	GOM_NL__2PRFIN20091211_065334_000000292085_00049_40684_5942.N1	11-DEC-2009 06:53:34	Straylight	29.000	47	2Bet CMa	1.9760	28000.	58	40684	No
103	GOM_NL__2PRFIN20091211_065714_000000512085_00049_40684_5943.N1	11-DEC-2009 06:57:14	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	40684	No
104	GOM_NL__2PRFIN20091211_065940_000000512085_00049_40684_5944.N1	11-DEC-2009 06:59:40	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	40684	No
105	GOM_NL__2PRFIN20091211_070207_000000502085_00049_40684_5945.N1	11-DEC-2009 07:02:07	Twi_and_stray	49.500	27	24Gam Ori	1.6360	26000.	99	40684	No
106	GOM_NL__2PRFIN20091211_070443_000000512085_00049_40684_5946.N1	11-DEC-2009 07:04:43	Twi_and_stray	50.500	13	87Alp Tau	0.86700	3800.0	101	40684	No
107	GOM_NL__2PRFIN20091211_070857_000000372085_00049_40684_5947.N1	11-DEC-2009 07:08:57	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40684	No
108	GOM_NL__2PRFIN20091211_071117_000000352085_00049_40684_5948.N1	11-DEC-2009 07:11:17	Bright	35.000	149	45Eps Per	2.8880	30000.	70	40684	No
109	GOM_NL__2PRFIN20091211_071414_000000462085_00049_40684_5949.N1	11-DEC-2009 07:14:14	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40684	No
110	GOM_NL__2PRFIN20091211_073048_000000482085_00049_40684_5950.N1	11-DEC-2009 07:30:48	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40684	No
111	GOM_NL__2PRFIN20091211_073442_000000602085_00049_40684_5951.N1	11-DEC-2009 07:34:42	Bright	60.000	32	77Eps UMa	1.7630	11000.	120	40684	No
112	GOM_NL__2PRFIN20091211_073706_000000372085_00049_40684_5952.N1	11-DEC-2009 07:37:06	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	40684	No
113	GOM_NL__2PRFIN20091211_074017_000000352085_00049_40684_5953.N1	11-DEC-2009 07:40:17	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	40684	No
114	GOM_NL__2PRFIN20091211_074636_000000572085_00049_40684_5954.N1	11-DEC-2009 07:46:36	Bright	57.000	111	8Eta Boo	2.6800	6000.0	114	40684	No
115	GOM_NL__2PRFIN20091211_075013_000000672085_00049_40684_5955.N1	11-DEC-2009 07:50:13	Bright	67.000	138	47Eps Vir	2.8280	4700.0	134	40684	No
116	GOM_NL__2PRFIN20091211_075608_000000512085_00049_40684_5956.N1	11-DEC-2009 07:56:08	Twi_and_stray	51.000	15	67Alp Vir	0.97600	28000.	102	40684	No
117	GOM_NL__2PRFIN20091211_075936_000000452085_00049_40684_5957.N1	11-DEC-2009 07:59:36	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	40684	No
118	GOM_NL__2PRFIN20091211_080129_000000572085_00049_40684_5958.N1	11-DEC-2009 08:01:29	Dark	56.500	100	4Gam Crv	2.5800	13100.	113	40684	No
119	GOM_NL__2PRFIN20091211_080305_000000542085_00049_40684_5959.N1	11-DEC-2009 08:03:05	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40684	No
120	GOM_NL__2PRFIN20091211_080703_000000422085_00049_40684_5960.N1	11-DEC-2009 08:07:03	Dark	41.500	64	Gam Cen	2.2000	10600.	83	40684	No
121	GOM_NL__2PRFIN20091211_080836_000000402085_00049_40684_5961.N1	11-DEC-2009 08:08:36	Dark	39.500	99	Del Cen	2.5750	26000.	79	40684	No
122	GOM_NL__2PRFIN20091211_081212_000000552085_00050_40685_5977.N1	11-DEC-2009 08:12:12	Dark	54.500	113	Mu Vel	2.6920	5000.0	109	40685	No
123	GOM_NL__2PRFIN20091211_081617_000000422085_00050_40685_5978.N1	11-DEC-2009 08:16:17	Dark	42.000	71	lot Car	2.2460	7700.0	84	40685	No
124	GOM_NL__2PRFIN20091211_082049_000000482085_00050_40685_5979.N1	11-DEC-2009 08:20:49	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40685	No
125	GOM_NL__2PRFIN20091211_082319_000000472085_00050_40685_5980.N1	11-DEC-2009 08:23:19	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	40685	No
126	GOM_NL__2PRFIN20091211_082550_000000552085_00050_40685_5981.N1	11-DEC-2009 08:25:50	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40685	No
127	GOM_NL__2PRFIN20091211_082915_000000552085_00050_40685_5982.N1	11-DEC-2009 08:29:15	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	40685	No
128	GOM_NL__2PRFIN20091211_083409_000000292085_00050_40685_5983.N1	11-DEC-2009 08:34:09	Straylight	29.000	47	2Bet CMa	1.9760	28000.	58	40685	No
129	GOM_NL__2PRFIN20091211_083750_000000502085_00050_40685_5984.N1	11-DEC-2009 08:37:50	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	40685	No
130	GOM_NL__2PRFIN20091211_084016_000000492085_00050_40685_5985.N1	11-DEC-2009 08:40:16	Straylight	49.000	30	46Eps Ori	1.6940	30000.	98	40685	No
131	GOM_NL__2PRFIN20091211_084242_000000512085_00050_40685_5986.N1	11-DEC-2009 08:42:42	Twi_and_stray	51.000	27	24Gam Ori	1.6360	26000.	102	40685	No
132	GOM_NL__2PRFIN20091211_084519_000000562085_00050_40685_5987.N1	11-DEC-2009 08:45:19	Twi_and_stray	56.000	13	87Alp Tau	0.86700	3800.0	112	40685	No
133	GOM_NL__2PRFIN20091211_084933_000000382085_00050_40685_5988.N1	11-DEC-2009 08:49:33	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40685	No
134	GOM_NL__2PRFIN20091211_085153_000000362085_00050_40685_5989.N1	11-DEC-2009 08:51:53	Bright	36.000	149	45Eps Per	2.8880	30000.	72	40685	No
135	GOM_NL__2PRFIN20091211_085449_000000602085_00050_40685_5990.N1	11-DEC-2009 08:54:49	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	40685	No
136	GOM_NL__2PRFIN20091211_091124_000000522085_00050_40685_5991.N1	11-DEC-2009 09:11:24	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	40685	No
137	GOM_NL__2PRFIN20091211_091518_000000412085_00050_40685_5992.N1	11-DEC-2009 09:15:18	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	40685	No
138	GOM_NL__2PRFIN20091211_091742_000000422085_00050_40685_5993.N1	11-DEC-2009 09:17:42	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	40685	No
139	GOM_NL__2PRFIN20091211_092053_000000532085_00050_40685_5994.N1	11-DEC-2009 09:20:53	Bright	53.000	180	27Gam Boo	3.0400	8000.0	106	40685	No
140	GOM_NL__2PRFIN20091211_092713_000000572085_00050_40685_5995.N1	11-DEC-2009 09:27:13	Bright	57.000	111	8Eta Boo	2.6800	6000.0	114	40685	No
141	GOM_NL__2PRFIN20091211_093050_000000672085_00050_40685_5996.N1	11-DEC-2009 09:30:50	Bright	67.000	138	47Eps Vir	2.8280	4700.0	134	40685	No
142	GOM_NL__2PRFIN20091211_093644_000000542085_00050_40685_5997.N1	11-DEC-2009 09:36:44	Twi_and_stray	54.000	15	67Alp Vir	0.97600	28000.	108	40685	No
143	GOM_NL__2PRFIN20091211_094013_000000462085_00050_40685_5998.N1	11-DEC-2009 09:40:13	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	40685	No
144	GOM_NL__2PRFIN20091211_094206_000000552085_00050_40685_5999.N1	11-DEC-2009 09:42:06	Dark	55.000	100	4Gam Crv	2.5800	13100.	110	40685	No
145	GOM_NL__2PRFIN20091211_094342_000000592085_00050_40685_6000.N1	11-DEC-2009 09:43:42	Dark	58.500	171	2Eps Crv	3.0010	4250.0	117	40685	No
146	GOM_NL__2PRFIN20091211_094739_000000412085_00050_40685_6001.N1	11-DEC-2009 09:47:39	Dark	40.500	64	Gam Cen	2.2000	10600.	81	40685	No
147	GOM_NL__2PRFIN20091211_094912_000000402085_00050_40685_6002.N1	11-DEC-2009 09:49:12	Dark	40.000	99	Del Cen	2.5750	26000.	80	40685	No
148	GOM_NL__2PRFIN20091211_095249_000000442085_00051_40686_6012.N1	11-DEC-2009 09:52:49	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40686	No
149	GOM_NL__2PRFIN20091211_095653_000000412085_00051_40686_6013.N1	11-DEC-2009 09:56:53	Dark	41.000	71	lot Car	2.2460	7700.0	82	40686	No
150	GOM_NL__2PRFIN20091211_100126_000000522085_00051_40686_6014.N1	11-DEC-2009 10:01:26	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40686	No
151	GOM_NL__2PRFIN20091211_100355_000000462085_00051_40686_6015.N1	11-DEC-2009 10:03:55	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40686	No
152	GOM_NL__2PRFIN20091211_100626_000000552085_00051_40686_6016.N1	11-DEC-2009 10:06:26	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40686	No
153	GOM_NL__2PRFIN20091211_100952_000000552085_00051_40686_6017.N1	11-DEC-2009 10:09:52	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	40686	No
154	GOM_NL__2PRFIN20091211_101446_000000352085_00051_40686_6018.N1	11-DEC-2009 10:14:46	Straylight	35.000	47	2Bet CMa	1.9760	28000.	70	40686	No
155	GOM_NL__2PRFIN20091211_101826_000000532085_00051_40686_6019.N1	11-DEC-2009 10:18:26	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40686	No
156	GOM_NL__2PRFIN20091211_102052_000000512085_00051_40686_6020.N1	11-DEC-2009 10:20:52	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	40686	No
157	GOM_NL__2PRFIN20091211_102318_000000512085_00051_40686_6021.N1	11-DEC-2009 10:23:18	Twi_and_stray	51.000	27	24Gam Ori	1.6360	26000.	102	40686	No
158	GOM_NL__2PRFIN20091211_102555_000000492085_00051_40686_6022.N1	11-DEC-2009 10:25:55	Twi_and_stray	49.000	13	87Alp Tau	0.86700	3800.0	98	40686	No
159	GOM_NL__2PRFIN20091211_102833_000000462085_00051_40686_6023.N1	11-DEC-2009 10:28:33	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	40686	No
160	GOM_NL__2PRFIN20091211_103035_000000472085_00051_40686_6024.N1	11-DEC-2009 10:30:35	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	40686	No

161	GOM_NL__2PRFIN20091211_103229_000000532085_00051_40686_6025.N1	11-DEC-2009 10:32:29	Bright	53.000	149	45Eps Per	2.8880	30000.	106	40686	No
162	GOM_NL__2PRFIN20091211_103525_000000482085_00051_40686_6026.N1	11-DEC-2009 10:35:25	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40686	No
163	GOM_NL__2PRFIN20091211_105159_000000442085_00051_40686_6027.N1	11-DEC-2009 10:51:59	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40686	No
164	GOM_NL__2PRFIN20091211_105553_000000422085_00051_40686_6028.N1	11-DEC-2009 10:55:53	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	40686	No
165	GOM_NL__2PRFIN20091211_105818_000000562085_00051_40686_6029.N1	11-DEC-2009 10:58:18	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	40686	No
166	GOM_NL__2PRFIN20091211_110129_000000472085_00051_40686_6030.N1	11-DEC-2009 11:01:29	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	40686	No
167	GOM_NL__2PRFIN20091211_110749_000000572085_00051_40686_6031.N1	11-DEC-2009 11:07:49	Bright	57.000	111	8Eta Boo	2.6800	6000.0	114	40686	No
168	GOM_NL__2PRFIN20091211_111126_000000512085_00051_40686_6032.N1	11-DEC-2009 11:11:26	Bright	50.500	138	47Eps Vir	2.8280	4700.0	101	40686	No
169	GOM_NL__2PRFIN20091211_111721_000000512085_00051_40686_6033.N1	11-DEC-2009 11:17:21	Twi_and_stray	50.500	15	67Alp Vir	0.97600	28000.	101	40686	No
170	GOM_NL__2PRFIN20091211_112049_000000462085_00051_40686_6034.N1	11-DEC-2009 11:20:49	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	40686	No
171	GOM_NL__2PRFIN20091211_112243_000000562085_00051_40686_6035.N1	11-DEC-2009 11:22:43	Dark	56.000	100	4Gam Crv	2.5800	13100.	112	40686	No
172	GOM_NL__2PRFIN20091211_112419_000000562085_00051_40686_6036.N1	11-DEC-2009 11:24:19	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	40686	No
173	GOM_NL__2PRFIN20091211_112815_000000392085_00051_40686_6037.N1	11-DEC-2009 11:28:15	Dark	38.500	64	Gam Cen	2.2000	10600.	77	40686	No
174	GOM_NL__2PRFIN20091211_112949_000000412085_00051_40686_6038.N1	11-DEC-2009 11:29:49	Dark	40.500	99	Del Cen	2.5750	26000.	81	40686	No
175	GOM_NL__2PRFIN20091211_113326_000000452085_00052_40687_6025.N1	11-DEC-2009 11:33:26	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40687	No
176	GOM_NL__2PRFIN20091211_113730_000000402085_00052_40687_6026.N1	11-DEC-2009 11:37:30	Dark	40.000	71	Iot Car	2.2460	7700.0	80	40687	No
177	GOM_NL__2PRFIN20091211_114203_000000512085_00052_40687_6027.N1	11-DEC-2009 11:42:03	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	40687	No
178	GOM_NL__2PRFIN20091211_114432_000000502085_00052_40687_6028.N1	11-DEC-2009 11:44:32	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	40687	No
179	GOM_NL__2PRFIN20091211_114703_000000562085_00052_40687_6029.N1	11-DEC-2009 11:47:03	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	40687	No
180	GOM_NL__2PRFIN20091211_115028_000000562085_00052_40687_6030.N1	11-DEC-2009 11:50:28	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	40687	No
181	GOM_NL__2PRFIN20091211_115522_000000352085_00052_40687_6031.N1	11-DEC-2009 11:55:22	Straylight	35.000	47	2Bet CMa	1.9760	28000.	70	40687	No
182	GOM_NL__2PRFIN20091211_115902_000000522085_00052_40687_6032.N1	11-DEC-2009 11:59:02	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40687	No
183	GOM_NL__2PRFIN20091211_120127_000000512085_00052_40687_6033.N1	11-DEC-2009 12:01:27	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	40687	No
184	GOM_NL__2PRFIN20091211_120354_000000502085_00052_40687_6034.N1	11-DEC-2009 12:03:54	Twi_and_stray	50.000	27	24Gam Ori	1.6360	26000.	100	40687	No
185	GOM_NL__2PRFIN20091211_120630_000000482085_00052_40687_6035.N1	11-DEC-2009 12:06:30	Twi_and_stray	47.500	13	87Alp Tau	0.86700	3800.0	95	40687	No
186	GOM_NL__2PRFIN20091211_120909_000000472085_00052_40687_6036.N1	11-DEC-2009 12:09:09	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	40687	No
187	GOM_NL__2PRFIN20091211_121110_000000422085_00052_40687_6037.N1	11-DEC-2009 12:11:10	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	40687	No
188	GOM_NL__2PRFIN20091211_121305_000000372085_00052_40687_6038.N1	11-DEC-2009 12:13:05	Bright	36.500	149	45Eps Per	2.8880	30000.	73	40687	No
189	GOM_NL__2PRFIN20091211_121600_000000432085_00052_40687_6039.N1	11-DEC-2009 12:16:00	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	40687	No
190	GOM_NL__2PRFIN20091211_123234_000000432085_00052_40687_6040.N1	11-DEC-2009 12:32:34	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40687	No
191	GOM_NL__2PRFIN20091211_123629_000000392085_00052_40687_6041.N1	11-DEC-2009 12:36:29	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	40687	No
192	GOM_NL__2PRFIN20091211_123854_000000482085_00052_40687_6042.N1	11-DEC-2009 12:38:54	Bright	47.500	39	85Eta UMa	1.8540	24000.	95	40687	No
193	GOM_NL__2PRFIN20091211_124205_000000372085_00052_40687_6043.N1	11-DEC-2009 12:42:05	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	40687	No
194	GOM_NL__2PRFIN20091211_124825_000000572085_00052_40687_6044.N1	11-DEC-2009 12:48:25	Bright	57.000	111	8Eta Boo	2.6800	6000.0	114	40687	No
195	GOM_NL__2PRFIN20091211_125203_000000682085_00052_40687_6045.N1	11-DEC-2009 12:52:03	Bright	68.000	138	47Eps Vir	2.8280	4700.0	136	40687	No
196	GOM_NL__2PRFIN20091211_125757_000000502085_00052_40687_6046.N1	11-DEC-2009 12:57:57	Twi_and_stray	49.500	15	67Alp Vir	0.97600	28000.	99	40687	No
197	GOM_NL__2PRFIN20091211_130126_000000462085_00052_40687_6047.N1	11-DEC-2009 13:01:26	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	40687	No
198	GOM_NL__2PRFIN20091211_130320_000000532085_00052_40687_6048.N1	11-DEC-2009 13:03:20	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	40687	No
199	GOM_NL__2PRFIN20091211_130456_000000532085_00052_40687_6049.N1	11-DEC-2009 13:04:56	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40687	No
200	GOM_NL__2PRFIN20091211_130852_000000402085_00052_40687_6050.N1	11-DEC-2009 13:08:52	Dark	40.000	64	Gam Cen	2.2000	10600.	80	40687	No
201	GOM_NL__2PRFIN20091211_131025_000000402085_00052_40687_6051.N1	11-DEC-2009 13:10:25	Dark	39.500	99	Del Cen	2.5750	26000.	79	40687	No
202	GOM_NL__2PRFIN20091211_131403_000000452085_00053_40688_6034.N1	11-DEC-2009 13:14:03	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40688	No
203	GOM_NL__2PRFIN20091211_131806_000000402085_00053_40688_6035.N1	11-DEC-2009 13:18:06	Dark	40.000	71	Iot Car	2.2460	7700.0	80	40688	No
204	GOM_NL__2PRFIN20091211_132239_000000492085_00053_40688_6036.N1	11-DEC-2009 13:22:39	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40688	No
205	GOM_NL__2PRFIN20091211_132508_000000502085_00053_40688_6037.N1	11-DEC-2009 13:25:08	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	40688	No
206	GOM_NL__2PRFIN20091211_132740_000000542085_00053_40688_6038.N1	11-DEC-2009 13:27:40	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40688	No
207	GOM_NL__2PRFIN20091211_133104_000000532085_00053_40688_6039.N1	11-DEC-2009 13:31:04	Straylight	53.000	23	21Eps CMa	1.5020	26000.	106	40688	No
208	GOM_NL__2PRFIN20091211_133558_000000412085_00053_40688_6040.N1	11-DEC-2009 13:35:58	Straylight	41.000	47	2Bet CMa	1.9760	28000.	82	40688	No
209	GOM_NL__2PRFIN20091211_133938_000000512085_00053_40688_6041.N1	11-DEC-2009 13:39:38	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	40688	No
210	GOM_NL__2PRFIN20091211_134203_000000542085_00053_40688_6042.N1	11-DEC-2009 13:42:03	Straylight	54.000	30	46Eps Ori	1.6940	30000.	108	40688	No
211	GOM_NL__2PRFIN20091211_134429_000000492085_00053_40688_6043.N1	11-DEC-2009 13:44:29	Twi_and_stray	48.500	27	24Gam Ori	1.6360	26000.	97	40688	No
212	GOM_NL__2PRFIN20091211_134706_000000562085_00053_40688_6044.N1	11-DEC-2009 13:47:06	Twi_and_stray	56.000	13	87Alp Tau	0.86700	3800.0	112	40688	No
213	GOM_NL__2PRFIN20091211_134944_000000482085_00053_40688_6045.N1	11-DEC-2009 13:49:44	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40688	No
214	GOM_NL__2PRFIN20091211_135146_000000452085_00053_40688_6046.N1	11-DEC-2009 13:51:46	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	40688	No
215	GOM_NL__2PRFIN20091211_135341_000000362085_00053_40688_6047.N1	11-DEC-2009 13:53:41	Bright	35.500	149	45Eps Per	2.8880	30000.	71	40688	No
216	GOM_NL__2PRFIN20091211_135636_000000602085_00053_40688_6048.N1	11-DEC-2009 13:56:36	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	40688	No
217	GOM_NL__2PRFIN20091211_141310_000000462085_00053_40688_6049.N1	11-DEC-2009 14:13:10	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40688	No
218	GOM_NL__2PRFIN20091211_141705_000000452085_00053_40688_6050.N1	11-DEC-2009 14:17:05	Bright	45.000	32	77Eps UMa	1.7630	11000.	90	40688	No
219	GOM_NL__2PRFIN20091211_141930_000000362085_00053_40688_6051.N1	11-DEC-2009 14:19:30	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	40688	No

220	GOM_NL__2PRFIN20091211_142241_000000352085_00053_40688_6052.N1	11-DEC-2009 14:22:41	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40688	No
221	GOM_NL__2PRFIN20091211_142901_000000572085_00053_40688_6053.N1	11-DEC-2009 14:29:01	Bright	57.000	111	8Eta Boo	2.6800	6000.0	114	40688	No
222	GOM_NL__2PRFIN20091211_143239_000000682085_00053_40688_6054.N1	11-DEC-2009 14:32:39	Bright	68.000	138	47Eps Vir	2.8280	4700.0	136	40688	No
223	GOM_NL__2PRFIN20091211_143740_000000562085_00053_40688_6055.N1	11-DEC-2009 14:37:40	Twilight	56.000	121	29Gam Vir	2.7400	7200.0	112	40688	No
224	GOM_NL__2PRFIN20091211_144202_000000452085_00053_40688_6056.N1	11-DEC-2009 14:42:02	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	40688	No
225	GOM_NL__2PRFIN20091211_144357_000000512085_00053_40688_6057.N1	11-DEC-2009 14:43:57	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40688	No
226	GOM_NL__2PRFIN20091211_144533_000000592085_00053_40688_6058.N1	11-DEC-2009 14:45:33	Dark	58.500	171	2Eps Crv	3.0010	4250.0	117	40688	No
227	GOM_NL__2PRFIN20091211_144929_000000432085_00053_40688_6059.N1	11-DEC-2009 14:49:29	Dark	43.000	64	Gam Cen	2.2000	10600.	86	40688	No
228	GOM_NL__2PRFIN20091211_145102_000000422085_00053_40688_6060.N1	11-DEC-2009 14:51:02	Dark	42.000	99	Del Cen	2.5750	26000.	84	40688	No
229	GOM_NL__2PRFIN20091211_145439_000000442085_00054_40689_6043.N1	11-DEC-2009 14:54:39	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40689	No
230	GOM_NL__2PRFIN20091211_145843_000000422085_00054_40689_6044.N1	11-DEC-2009 14:58:43	Dark	41.500	71	lot Car	2.2460	7700.0	83	40689	No
231	GOM_NL__2PRFIN20091211_150316_000000492085_00054_40689_6045.N1	11-DEC-2009 15:03:16	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40689	No
232	GOM_NL__2PRFIN20091211_150544_000000462085_00054_40689_6046.N1	11-DEC-2009 15:05:44	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40689	No
233	GOM_NL__2PRFIN20091211_150816_000000572085_00054_40689_6047.N1	11-DEC-2009 15:08:16	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	40689	No
234	GOM_NL__2PRFIN20091211_151141_000000582085_00054_40689_6048.N1	11-DEC-2009 15:11:41	Straylight	57.500	23	21Eps CMa	1.5020	26000.	115	40689	No
235	GOM_NL__2PRFIN20091211_151634_000000412085_00054_40689_6049.N1	11-DEC-2009 15:16:34	Straylight	41.000	47	2Bet CMa	1.9760	28000.	82	40689	No
236	GOM_NL__2PRFIN20091211_152014_000000522085_00054_40689_6050.N1	11-DEC-2009 15:20:14	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40689	No
237	GOM_NL__2PRFIN20091211_152239_000000512085_00054_40689_6051.N1	11-DEC-2009 15:22:39	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	40689	No
238	GOM_NL__2PRFIN20091211_152505_000000492085_00054_40689_6052.N1	11-DEC-2009 15:25:05	Twilight	49.000	27	24Gam Ori	1.6360	26000.	98	40689	No
239	GOM_NL__2PRFIN20091211_152742_000000482085_00054_40689_6053.N1	11-DEC-2009 15:27:42	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	40689	No
240	GOM_NL__2PRFIN20091211_153020_000000472085_00054_40689_6054.N1	11-DEC-2009 15:30:20	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	40689	No
241	GOM_NL__2PRFIN20091211_153221_000000452085_00054_40689_6055.N1	11-DEC-2009 15:32:21	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	40689	No
242	GOM_NL__2PRFIN20091211_153416_000000372085_00054_40689_6056.N1	11-DEC-2009 15:34:16	Bright	37.000	149	45Eps Per	2.8880	30000.	74	40689	No
243	GOM_NL__2PRFIN20091211_153711_000000442085_00054_40689_6057.N1	11-DEC-2009 15:37:11	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40689	No
244	GOM_NL__2PRFIN20091211_155346_000000472085_00054_40689_6058.N1	11-DEC-2009 15:53:46	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40689	No
245	GOM_NL__2PRFIN20091211_155740_000000472085_00054_40689_6059.N1	11-DEC-2009 15:57:40	Bright	46.500	32	77Eps UMa	1.7630	11000.	93	40689	No
246	GOM_NL__2PRFIN20091211_160006_000000562085_00054_40689_6060.N1	11-DEC-2009 16:00:06	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	40689	No
247	GOM_NL__2PRFIN20091211_160318_000000532085_00054_40689_6061.N1	11-DEC-2009 16:03:18	Bright	53.000	180	27Gam Boo	3.0400	8000.0	106	40689	No
248	GOM_NL__2PRFIN20091211_160937_000000402085_00054_40689_6062.N1	11-DEC-2009 16:09:37	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	40689	No
249	GOM_NL__2PRFIN20091211_161316_000000472085_00054_40689_6063.N1	11-DEC-2009 16:13:16	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	40689	No
250	GOM_NL__2PRFIN20091211_161817_000000562085_00054_40689_6064.N1	11-DEC-2009 16:18:17	Twilight	56.000	121	29Gam Vir	2.7400	7200.0	112	40689	No
251	GOM_NL__2PRFIN20091211_162239_000000462085_00054_40689_6065.N1	11-DEC-2009 16:22:39	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	40689	No
252	GOM_NL__2PRFIN20091211_162434_000000542085_00054_40689_6066.N1	11-DEC-2009 16:24:34	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	40689	No
253	GOM_NL__2PRFIN20091211_162610_000000532085_00054_40689_6067.N1	11-DEC-2009 16:26:10	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40689	No
254	GOM_NL__2PRFIN20091211_163005_000000432085_00054_40689_6068.N1	11-DEC-2009 16:30:05	Dark	43.000	64	Gam Cen	2.2000	10600.	86	40689	No
255	GOM_NL__2PRFIN20091211_163138_000000402085_00054_40689_6069.N1	11-DEC-2009 16:31:38	Dark	40.000	99	Del Cen	2.5750	26000.	80	40689	No
256	GOM_NL__2PRFIN20091211_163516_000000462085_00055_40690_6083.N1	11-DEC-2009 16:35:16	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40690	No
257	GOM_NL__2PRFIN20091211_163919_000000452085_00055_40690_6084.N1	11-DEC-2009 16:39:19	Dark	45.000	71	lot Car	2.2460	7700.0	90	40690	No
258	GOM_NL__2PRFIN20091211_164353_000000482085_00055_40690_6085.N1	11-DEC-2009 16:43:53	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40690	No
259	GOM_NL__2PRFIN20091211_164621_000000492085_00055_40690_6086.N1	11-DEC-2009 16:46:21	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	40690	No
260	GOM_NL__2PRFIN20091211_164853_000000562085_00055_40690_6087.N1	11-DEC-2009 16:48:53	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	40690	No
261	GOM_NL__2PRFIN20091211_165217_000000562085_00055_40690_6088.N1	11-DEC-2009 16:52:17	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	40690	No
262	GOM_NL__2PRFIN20091211_165710_000000462085_00055_40690_6089.N1	11-DEC-2009 16:57:10	Straylight	46.000	47	2Bet CMa	1.9760	28000.	92	40690	No
263	GOM_NL__2PRFIN20091211_170049_000000492085_00055_40690_6090.N1	11-DEC-2009 17:00:49	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	40690	No
264	GOM_NL__2PRFIN20091211_170315_000000512085_00055_40690_6091.N1	11-DEC-2009 17:03:15	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	40690	No
265	GOM_NL__2PRFIN20091211_170541_000000502085_00055_40690_6092.N1	11-DEC-2009 17:05:41	Twilight	50.000	27	24Gam Ori	1.6360	26000.	100	40690	No
266	GOM_NL__2PRFIN20091211_170818_000000562085_00055_40690_6093.N1	11-DEC-2009 17:08:18	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	40690	No
267	GOM_NL__2PRFIN20091211_171055_000000482085_00055_40690_6094.N1	11-DEC-2009 17:10:55	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	40690	No
268	GOM_NL__2PRFIN20091211_171257_000000472085_00055_40690_6095.N1	11-DEC-2009 17:12:57	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	40690	No
269	GOM_NL__2PRFIN20091211_171452_000000362085_00055_40690_6096.N1	11-DEC-2009 17:14:52	Bright	36.000	149	45Eps Per	2.8880	30000.	72	40690	No
270	GOM_NL__2PRFIN20091211_171747_000000442085_00055_40690_6097.N1	11-DEC-2009 17:17:47	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40690	No
271	GOM_NL__2PRFIN20091211_173421_000000452085_00055_40690_6098.N1	11-DEC-2009 17:34:21	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	40690	No
272	GOM_NL__2PRFIN20091211_173816_000000512085_00055_40690_6099.N1	11-DEC-2009 17:38:16	Bright	51.000	32	77Eps UMa	1.7630	11000.	102	40690	No
273	GOM_NL__2PRFIN20091211_174041_000000392085_00055_40690_6100.N1	11-DEC-2009 17:40:41	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	40690	No
274	GOM_NL__2PRFIN20091211_174354_000000422085_00055_40690_6101.N1	11-DEC-2009 17:43:54	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	40690	No
275	GOM_NL__2PRFIN20091211_175014_000000392085_00055_40690_6102.N1	11-DEC-2009 17:50:14	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	40690	No
276	GOM_NL__2PRFIN20091211_175353_000000682085_00055_40690_6103.N1	11-DEC-2009 17:53:53	Bright	68.000	138	47Eps Vir	2.8280	4700.0	136	40690	No
277	GOM_NL__2PRFIN20091211_175854_000000562085_00055_40690_6104.N1	11-DEC-2009 17:58:54	Twilight	56.000	121	29Gam Vir	2.7400	7200.0	112	40690	No
278	GOM_NL__2PRFIN20091211_180316_000000452085_00055_40690_6105.N1	11-DEC-2009 18:03:16	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	40690	No

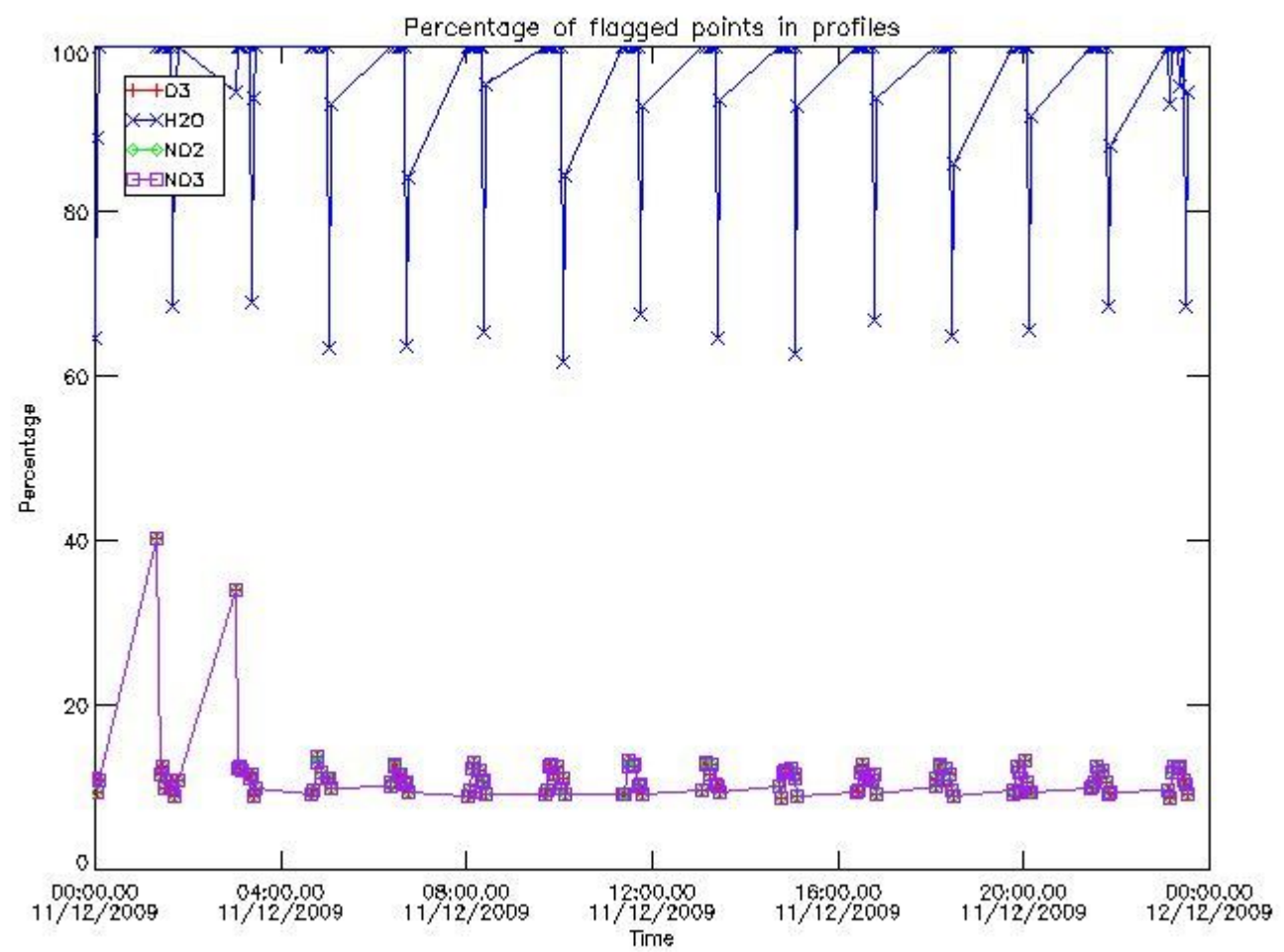
279	GOM_NL__2PRFIN20091211_180511_000000512085_00055_40690_6106.N1	11-DEC-2009 18:05:11	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40690	No
280	GOM_NL__2PRFIN20091211_180647_000000562085_00055_40690_6107.N1	11-DEC-2009 18:06:47	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	40690	No
281	GOM_NL__2PRFIN20091211_181042_000000402085_00055_40690_6108.N1	11-DEC-2009 18:10:42	Dark	40.000	64	Gam Cen	2.2000	10600.	80	40690	No
282	GOM_NL__2PRFIN20091211_181215_000000412085_00055_40690_6109.N1	11-DEC-2009 18:12:15	Dark	40.500	99	Del Cen	2.5750	26000.	81	40690	No
283	GOM_NL__2PRFIN20091211_181553_000000472085_00056_40691_6092.N1	11-DEC-2009 18:15:53	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40691	No
284	GOM_NL__2PRFIN20091211_181956_000000422085_00056_40691_6093.N1	11-DEC-2009 18:19:56	Dark	41.500	71	Iot Car	2.2460	7700.0	83	40691	No
285	GOM_NL__2PRFIN20091211_182430_000000452085_00056_40691_6094.N1	11-DEC-2009 18:24:30	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	40691	No
286	GOM_NL__2PRFIN20091211_182657_000000532085_00056_40691_6095.N1	11-DEC-2009 18:26:57	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	40691	No
287	GOM_NL__2PRFIN20091211_182929_000000572085_00056_40691_6096.N1	11-DEC-2009 18:29:29	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	40691	No
288	GOM_NL__2PRFIN20091211_183254_000000592085_00056_40691_6097.N1	11-DEC-2009 18:32:54	Straylight	58.500	23	21Eps CMa	1.5020	26000.	117	40691	No
289	GOM_NL__2PRFIN20091211_183746_000000462085_00056_40691_6098.N1	11-DEC-2009 18:37:46	Straylight	46.000	47	2Bet CMa	1.9760	28000.	92	40691	No
290	GOM_NL__2PRFIN20091211_184126_000000492085_00056_40691_6099.N1	11-DEC-2009 18:41:26	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40691	No
291	GOM_NL__2PRFIN20091211_184351_000000502085_00056_40691_6100.N1	11-DEC-2009 18:43:51	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	40691	No
292	GOM_NL__2PRFIN20091211_184617_000000502085_00056_40691_6101.N1	11-DEC-2009 18:46:17	Twi_and_stray	50.000	27	24Gam Ori	1.6360	26000.	100	40691	No
293	GOM_NL__2PRFIN20091211_184854_000000552085_00056_40691_6102.N1	11-DEC-2009 18:48:54	Twi_and_stray	54.500	13	87Alp Tau	0.86700	3800.0	109	40691	No
294	GOM_NL__2PRFIN20091211_185131_000000442085_00056_40691_6103.N1	11-DEC-2009 18:51:31	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	40691	No
295	GOM_NL__2PRFIN20091211_185332_000000452085_00056_40691_6104.N1	11-DEC-2009 18:53:32	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	40691	No
296	GOM_NL__2PRFIN20091211_185528_000000352085_00056_40691_6105.N1	11-DEC-2009 18:55:28	Bright	34.500	149	45Eps Per	2.8880	30000.	69	40691	No
297	GOM_NL__2PRFIN20091211_185822_000000452085_00056_40691_6106.N1	11-DEC-2009 18:58:22	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40691	No
298	GOM_NL__2PRFIN20091211_191457_000000432085_00056_40691_6107.N1	11-DEC-2009 19:14:57	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40691	No
299	GOM_NL__2PRFIN20091211_191852_000000462085_00056_40691_6108.N1	11-DEC-2009 19:18:52	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	40691	No
300	GOM_NL__2PRFIN20091211_192118_000000422085_00056_40691_6109.N1	11-DEC-2009 19:21:18	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	40691	No
301	GOM_NL__2PRFIN20091211_192430_000000342085_00056_40691_6110.N1	11-DEC-2009 19:24:30	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	40691	No
302	GOM_NL__2PRFIN20091211_193050_000000392085_00056_40691_6111.N1	11-DEC-2009 19:30:50	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	40691	No
303	GOM_NL__2PRFIN20091211_193429_000000682085_00056_40691_6112.N1	11-DEC-2009 19:34:29	Bright	68.000	138	47Eps Vir	2.8280	4700.0	136	40691	No
304	GOM_NL__2PRFIN20091211_193931_000000562085_00056_40691_6113.N1	11-DEC-2009 19:39:31	Twi_and_stray	55.500	121	29Gam Vir	2.7400	7200.0	111	40691	No
305	GOM_NL__2PRFIN20091211_194352_000000462085_00056_40691_6114.N1	11-DEC-2009 19:43:52	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	40691	No
306	GOM_NL__2PRFIN20091211_194549_000000532085_00056_40691_6115.N1	11-DEC-2009 19:45:49	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	40691	No
307	GOM_NL__2PRFIN20091211_194725_000000562085_00056_40691_6116.N1	11-DEC-2009 19:47:25	Dark	56.000	171	2Eps Crv	3.0010	4250.0	112	40691	No
308	GOM_NL__2PRFIN20091211_195118_000000412085_00056_40691_6117.N1	11-DEC-2009 19:51:18	Dark	41.000	64	Gam Cen	2.2000	10600.	82	40691	No
309	GOM_NL__2PRFIN20091211_195252_000000432085_00056_40691_6118.N1	11-DEC-2009 19:52:52	Dark	43.000	99	Del Cen	2.5750	26000.	86	40691	No
310	GOM_NL__2PRFIN20091211_195630_000000542085_00057_40692_6101.N1	11-DEC-2009 19:56:30	Dark	54.000	113	Mu Vel	2.6920	5000.0	108	40692	No
311	GOM_NL__2PRFIN20091211_200033_000000392085_00057_40692_6102.N1	11-DEC-2009 20:00:33	Dark	38.500	71	Iot Car	2.2460	7700.0	77	40692	No
312	GOM_NL__2PRFIN20091211_200506_000000482085_00057_40692_6103.N1	11-DEC-2009 20:05:06	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40692	No
313	GOM_NL__2PRFIN20091211_200734_000000542085_00057_40692_6104.N1	11-DEC-2009 20:07:34	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	40692	No
314	GOM_NL__2PRFIN20091211_201006_000000552085_00057_40692_6105.N1	11-DEC-2009 20:10:06	Dark	54.500	117	Pi Pup	2.7060	3800.0	109	40692	No
315	GOM_NL__2PRFIN20091211_201330_000000562085_00057_40692_6106.N1	11-DEC-2009 20:13:30	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	40692	No
316	GOM_NL__2PRFIN20091211_201822_000000522085_00057_40692_6107.N1	11-DEC-2009 20:18:22	Straylight	52.000	47	2Bet CMa	1.9760	28000.	104	40692	No
317	GOM_NL__2PRFIN20091211_202202_000000542085_00057_40692_6108.N1	11-DEC-2009 20:22:02	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40692	No
318	GOM_NL__2PRFIN20091211_202426_000000502085_00057_40692_6109.N1	11-DEC-2009 20:24:26	Straylight	49.500	30	46Eps Ori	1.6940	30000.	99	40692	No
319	GOM_NL__2PRFIN20091211_202652_000000512085_00057_40692_6110.N1	11-DEC-2009 20:26:52	Twi_and_stray	51.000	27	24Gam Ori	1.6360	26000.	102	40692	No
320	GOM_NL__2PRFIN20091211_202930_000000492085_00057_40692_6111.N1	11-DEC-2009 20:29:30	Twi_and_stray	49.000	13	87Alp Tau	0.86700	3800.0	98	40692	No
321	GOM_NL__2PRFIN20091211_203206_000000472085_00057_40692_6112.N1	11-DEC-2009 20:32:06	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	40692	No
322	GOM_NL__2PRFIN20091211_203345_000000372085_00057_40692_6113.N1	11-DEC-2009 20:33:45	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40692	No
323	GOM_NL__2PRFIN20091211_203604_000000362085_00057_40692_6114.N1	11-DEC-2009 20:36:04	Bright	35.500	149	45Eps Per	2.8880	30000.	71	40692	No
324	GOM_NL__2PRFIN20091211_203858_000000462085_00057_40692_6115.N1	11-DEC-2009 20:38:58	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40692	No
325	GOM_NL__2PRFIN20091211_205532_000000492085_00057_40692_6116.N1	11-DEC-2009 20:55:32	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40692	No
326	GOM_NL__2PRFIN20091211_205928_000000392085_00057_40692_6117.N1	11-DEC-2009 20:59:28	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	40692	No
327	GOM_NL__2PRFIN20091211_210153_000000562085_00057_40692_6118.N1	11-DEC-2009 21:01:53	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	40692	No
328	GOM_NL__2PRFIN20091211_210506_000000542085_00057_40692_6119.N1	11-DEC-2009 21:05:06	Bright	54.000	180	27Gam Boo	3.0400	8000.0	108	40692	No
329	GOM_NL__2PRFIN20091211_211126_000000512085_00057_40692_6120.N1	11-DEC-2009 21:11:26	Bright	51.000	111	8Eta Boo	2.6800	6000.0	102	40692	No
330	GOM_NL__2PRFIN20091211_211506_000000682085_00057_40692_6121.N1	11-DEC-2009 21:15:06	Bright	68.000	138	47Eps Vir	2.8280	4700.0	136	40692	No
331	GOM_NL__2PRFIN20091211_212100_000000482085_00057_40692_6122.N1	11-DEC-2009 21:21:00	Twi_and_stray	48.000	15	67Alp Vir	0.97600	28000.	96	40692	No
332	GOM_NL__2PRFIN20091211_212429_000000452085_00057_40692_6123.N1	11-DEC-2009 21:24:29	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	40692	No
333	GOM_NL__2PRFIN20091211_212626_000000522085_00057_40692_6124.N1	11-DEC-2009 21:26:26	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40692	No
334	GOM_NL__2PRFIN20091211_212802_000000562085_00057_40692_6125.N1	11-DEC-2009 21:28:02	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	40692	No
335	GOM_NL__2PRFIN20091211_213155_000000492085_00057_40692_6126.N1	11-DEC-2009 21:31:55	Dark	48.500	64	Gam Cen	2.2000	10600.	97	40692	No
336	GOM_NL__2PRFIN20091211_213328_000000412085_00057_40692_6110.N1	11-DEC-2009 21:33:28	Dark	40.500	99	Del Cen	2.5750	26000.	81	40692	No
337	GOM_NL__2PRFIN20091211_213707_000000442085_00058_40693_6111.N1	11-DEC-2009 21:37:07	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40693	No

338	GOM_NL__2PRFIN20091211_214109_000000422085_00058_40693_6112.N1	11-DEC-2009 21:41:09	Dark	42.000	71	Iot Car	2.2460	7700.0	84	40693	No
339	GOM_NL__2PRFIN20091211_214543_000000482085_00058_40693_6113.N1	11-DEC-2009 21:45:43	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40693	No
340	GOM_NL__2PRFIN20091211_214810_000000562085_00058_40693_6114.N1	11-DEC-2009 21:48:10	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	40693	No
341	GOM_NL__2PRFIN20091211_215042_000000552085_00058_40693_6115.N1	11-DEC-2009 21:50:42	Dark	54.500	117	Pi Pup	2.7060	3800.0	109	40693	No
342	GOM_NL__2PRFIN20091211_215407_000000572085_00058_40693_6116.N1	11-DEC-2009 21:54:07	Straylight	57.000	23	21Eps CMa	1.5020	26000.	114	40693	No
343	GOM_NL__2PRFIN20091211_215858_000000522085_00058_40693_6117.N1	11-DEC-2009 21:58:58	Straylight	52.000	47	2Bet CMa	1.9760	28000.	104	40693	No
344	GOM_NL__2PRFIN20091211_220237_000000572085_00058_40693_6118.N1	11-DEC-2009 22:02:37	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	40693	No
345	GOM_NL__2PRFIN20091211_220502_000000512085_00058_40693_6119.N1	11-DEC-2009 22:05:02	Straylight	51.000	30	46Eps Ori	1.6940	30000.	102	40693	No
346	GOM_NL__2PRFIN20091211_220728_000000502085_00058_40693_6120.N1	11-DEC-2009 22:07:28	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	40693	No
347	GOM_NL__2PRFIN20091211_221005_000000512085_00058_40693_6121.N1	11-DEC-2009 22:10:05	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	40693	No
348	GOM_NL__2PRFIN20091211_221242_000000462085_00058_40693_6122.N1	11-DEC-2009 22:12:42	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	40693	No
349	GOM_NL__2PRFIN20091211_221420_000000352085_00058_40693_6123.N1	11-DEC-2009 22:14:20	Bright	34.500	150	44Zet Per	2.8900	28000.	69	40693	No
350	GOM_NL__2PRFIN20091211_221640_000000362085_00058_40693_6124.N1	11-DEC-2009 22:16:40	Bright	35.500	149	45Eps Per	2.8880	30000.	71	40693	No
351	GOM_NL__2PRFIN20091211_221933_000000482085_00058_40693_6125.N1	11-DEC-2009 22:19:33	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40693	No
352	GOM_NL__2PRFIN20091211_223607_000000492085_00058_40693_6126.N1	11-DEC-2009 22:36:07	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40693	No
353	GOM_NL__2PRFIN20091211_224003_000000472085_00058_40693_6127.N1	11-DEC-2009 22:40:03	Bright	47.000	32	77Eps UMa	1.7630	11000.	94	40693	No
354	GOM_NL__2PRFIN20091211_224230_000000412085_00058_40693_6128.N1	11-DEC-2009 22:42:30	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	40693	No
355	GOM_NL__2PRFIN20091211_224542_000000362085_00058_40693_6129.N1	11-DEC-2009 22:45:42	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	40693	No
356	GOM_NL__2PRFIN20091211_225202_000000392085_00058_40693_6130.N1	11-DEC-2009 22:52:02	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	40693	No
357	GOM_NL__2PRFIN20091211_225542_000000682085_00058_40693_6131.N1	11-DEC-2009 22:55:42	Bright	68.000	138	47Eps Vir	2.8280	4700.0	136	40693	No
358	GOM_NL__2PRFIN20091211_230137_000000492085_00058_40693_6132.N1	11-DEC-2009 23:01:37	Twilight	48.500	15	67Alp Vir	0.97600	28000.	97	40693	No
359	GOM_NL__2PRFIN20091211_230505_000000442085_00058_40693_6133.N1	11-DEC-2009 23:05:05	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	40693	No
360	GOM_NL__2PRFIN20091211_230703_000000532085_00058_40693_6134.N1	11-DEC-2009 23:07:03	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40693	No
361	GOM_NL__2PRFIN20091211_230839_000000652085_00058_40693_6135.N1	11-DEC-2009 23:08:39	Dark	65.000	171	2Eps Crv	3.0010	4250.0	130	40693	No
362	GOM_NL__2PRFIN20091211_231231_000000442085_00058_40693_6136.N1	11-DEC-2009 23:12:31	Dark	43.500	64	Gam Cen	2.2000	10600.	87	40693	No
363	GOM_NL__2PRFIN20091211_231405_000000412085_00058_40693_6119.N1	11-DEC-2009 23:14:05	Dark	41.000	99	Del Cen	2.5750	26000.	82	40693	No
364	GOM_NL__2PRFIN20091211_231743_000000422085_00059_40694_6120.N1	11-DEC-2009 23:17:43	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	40694	No
365	GOM_NL__2PRFIN20091211_232146_000000412085_00059_40694_6121.N1	11-DEC-2009 23:21:46	Dark	41.000	71	Iot Car	2.2460	7700.0	82	40694	No
366	GOM_NL__2PRFIN20091211_232620_000000472085_00059_40694_6122.N1	11-DEC-2009 23:26:20	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40694	No
367	GOM_NL__2PRFIN20091211_232846_000000502085_00059_40694_6123.N1	11-DEC-2009 23:28:46	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	40694	No
368	GOM_NL__2PRFIN20091211_233119_000000552085_00059_40694_6124.N1	11-DEC-2009 23:31:19	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40694	No
369	GOM_NL__2PRFIN20091211_233443_000000542085_00059_40694_6125.N1	11-DEC-2009 23:34:43	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	40694	No
370	GOM_NL__2PRFIN20091211_233934_000000552085_00059_40694_6126.N1	11-DEC-2009 23:39:34	Straylight	55.000	47	2Bet CMa	1.9760	28000.	110	40694	No
371	GOM_NL__2PRFIN20091211_234313_000000572085_00059_40694_6127.N1	11-DEC-2009 23:43:13	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	40694	No
372	GOM_NL__2PRFIN20091211_234538_000000512085_00059_40694_6128.N1	11-DEC-2009 23:45:38	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	40694	No
373	GOM_NL__2PRFIN20091211_234804_000000482085_00059_40694_6129.N1	11-DEC-2009 23:48:04	Twilight	48.000	27	24Gam Ori	1.6360	26000.	96	40694	No
374	GOM_NL__2PRFIN20091211_235041_000000482085_00059_40694_6130.N1	11-DEC-2009 23:50:41	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	40694	No
375	GOM_NL__2PRFIN20091211_235317_000000442085_00059_40694_6131.N1	11-DEC-2009 23:53:17	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	40694	No
376	GOM_NL__2PRFIN20091211_235456_000000352085_00059_40694_6132.N1	11-DEC-2009 23:54:56	Bright	35.000	150	44Zet Per	2.8900	28000.	70	40694	No
377	GOM_NL__2PRFIN20091211_235716_000000362085_00059_40694_6133.N1	11-DEC-2009 23:57:16	Bright	36.000	149	45Eps Per	2.8880	30000.	72	40694	No

3. Quality information per product

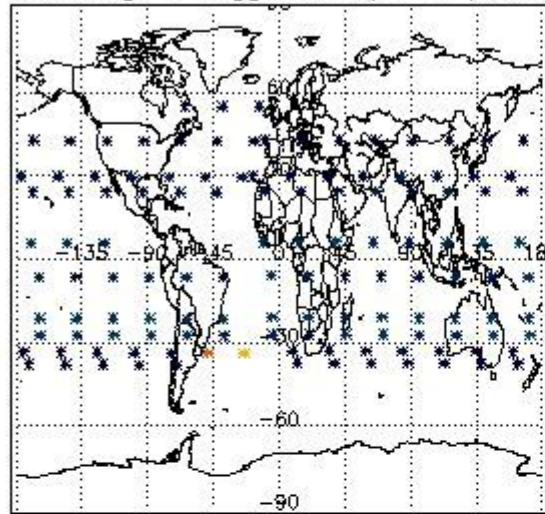
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

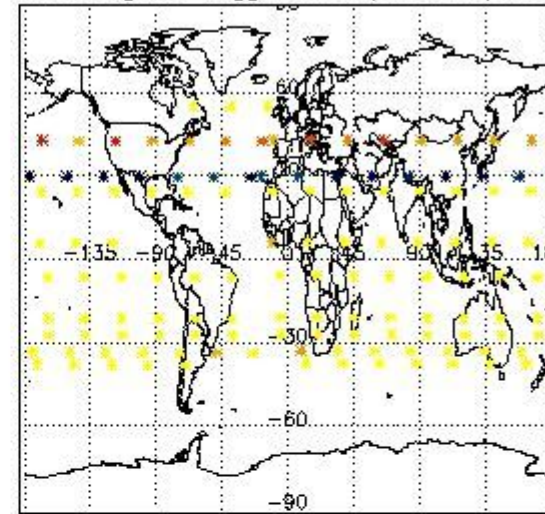


3.2 Plot quality information per product (world map)

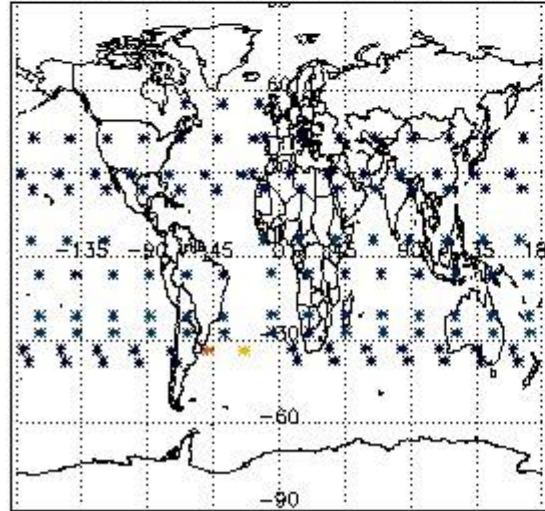
Percentage of flagged data per O3 profile



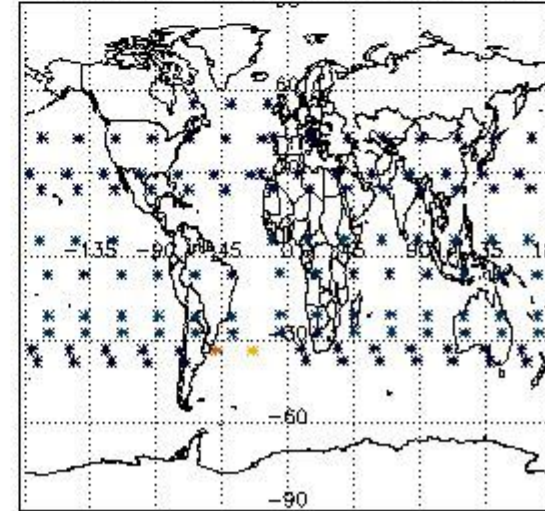
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

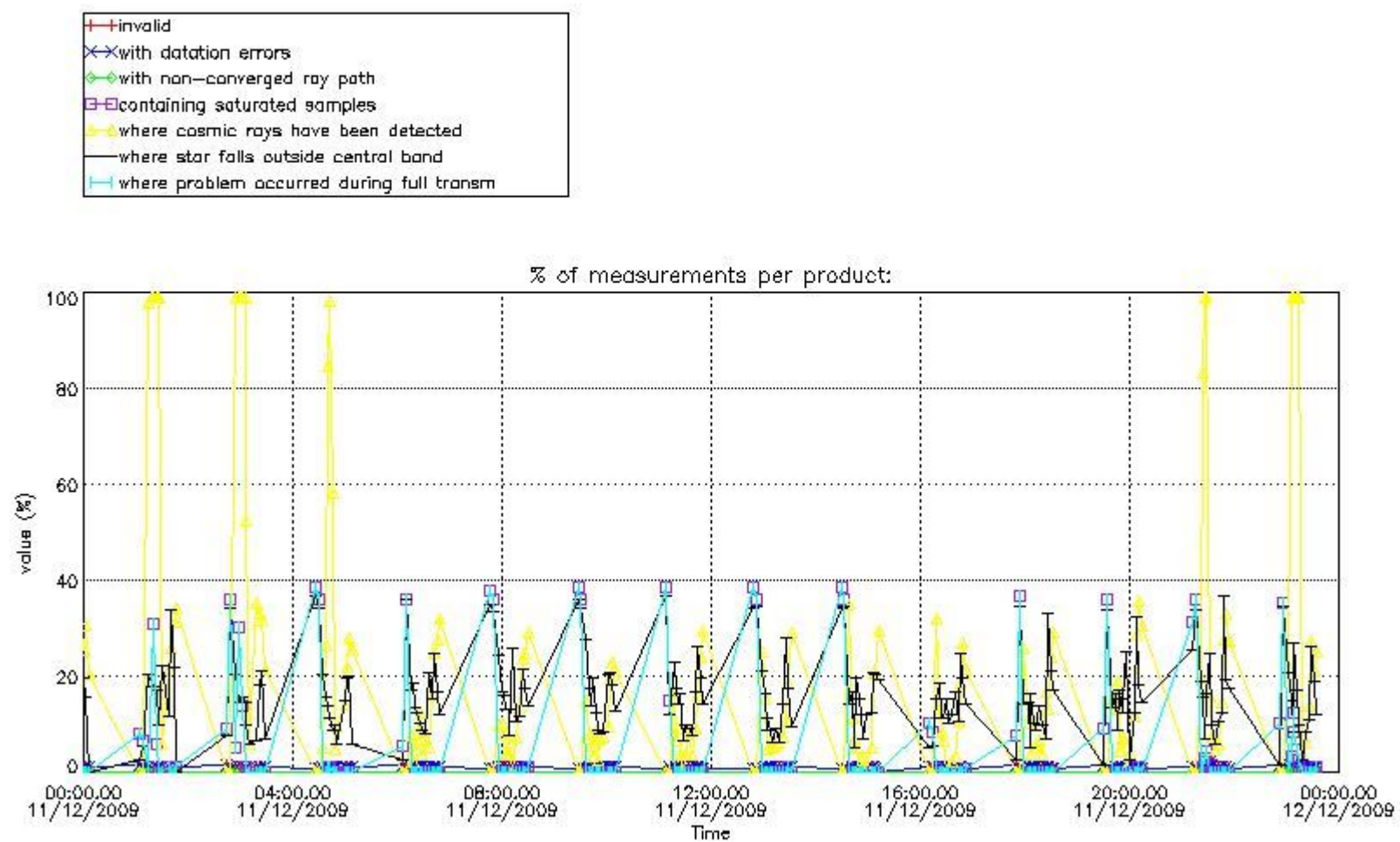


4. Level 1 quality information per product

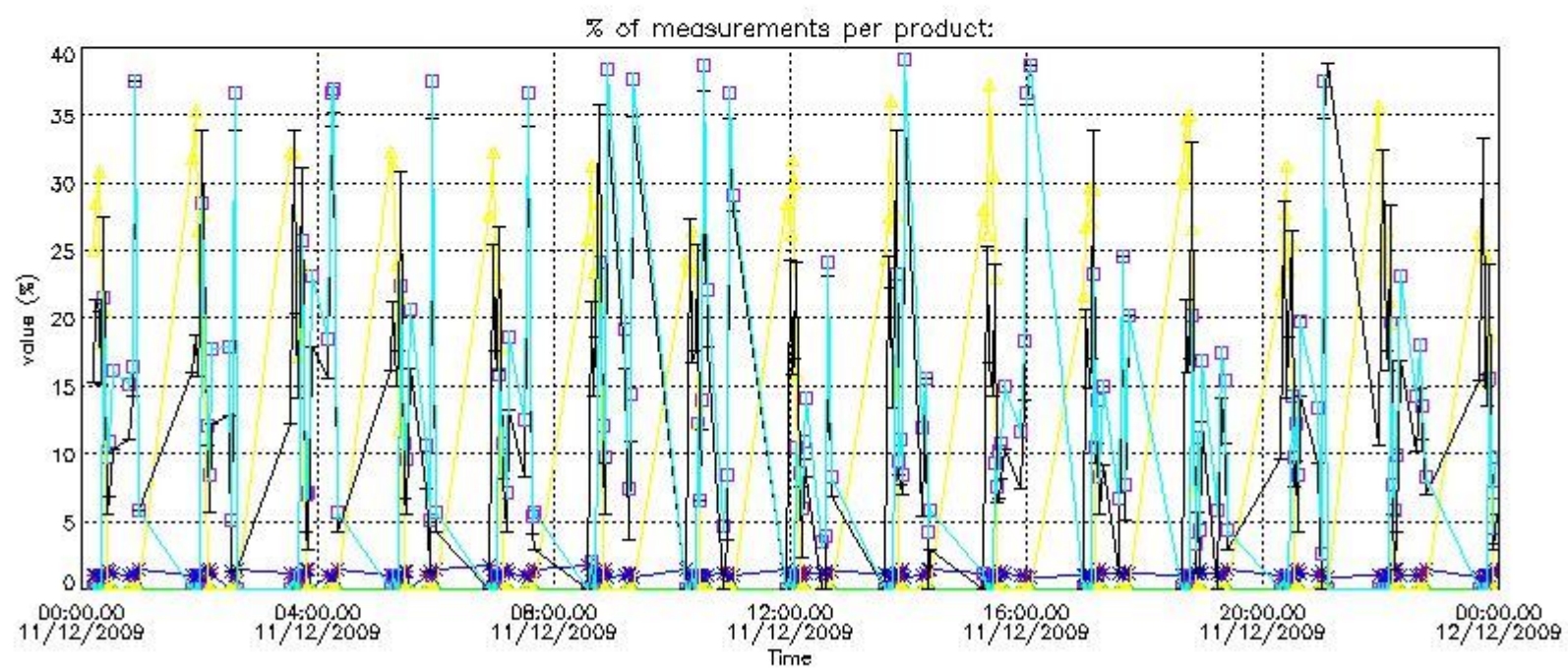
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



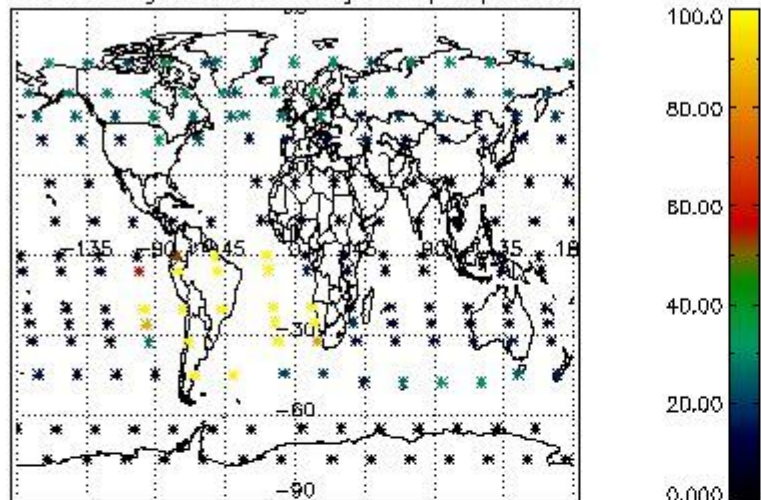
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



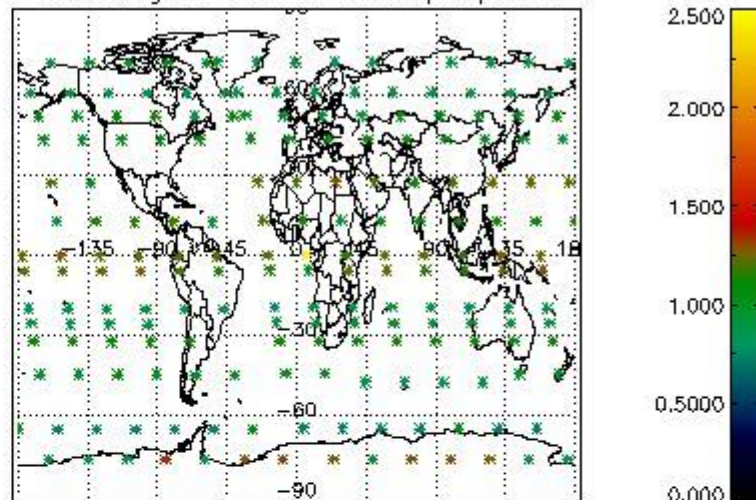
4.2 Plot quality information per product coming from level 1b processing (world map)

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

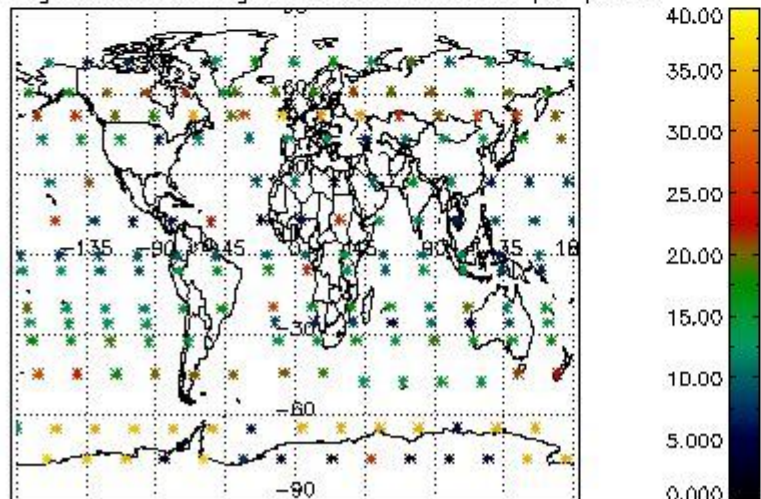
Percentage of cosmic ray hits per profile



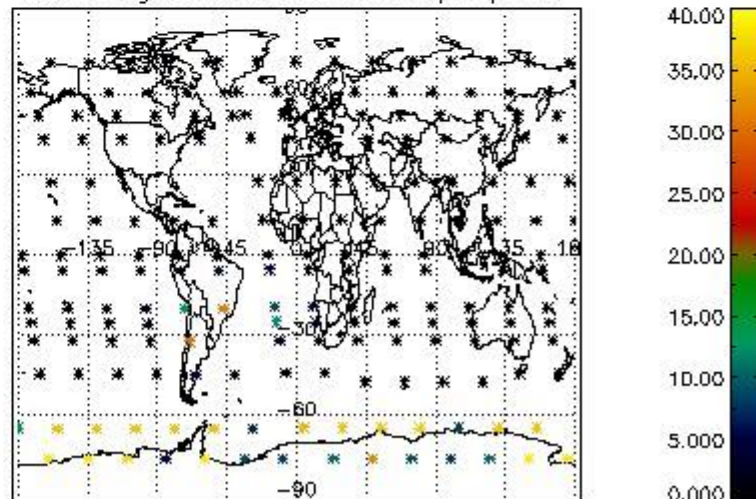
Percentage of datation errors per profile



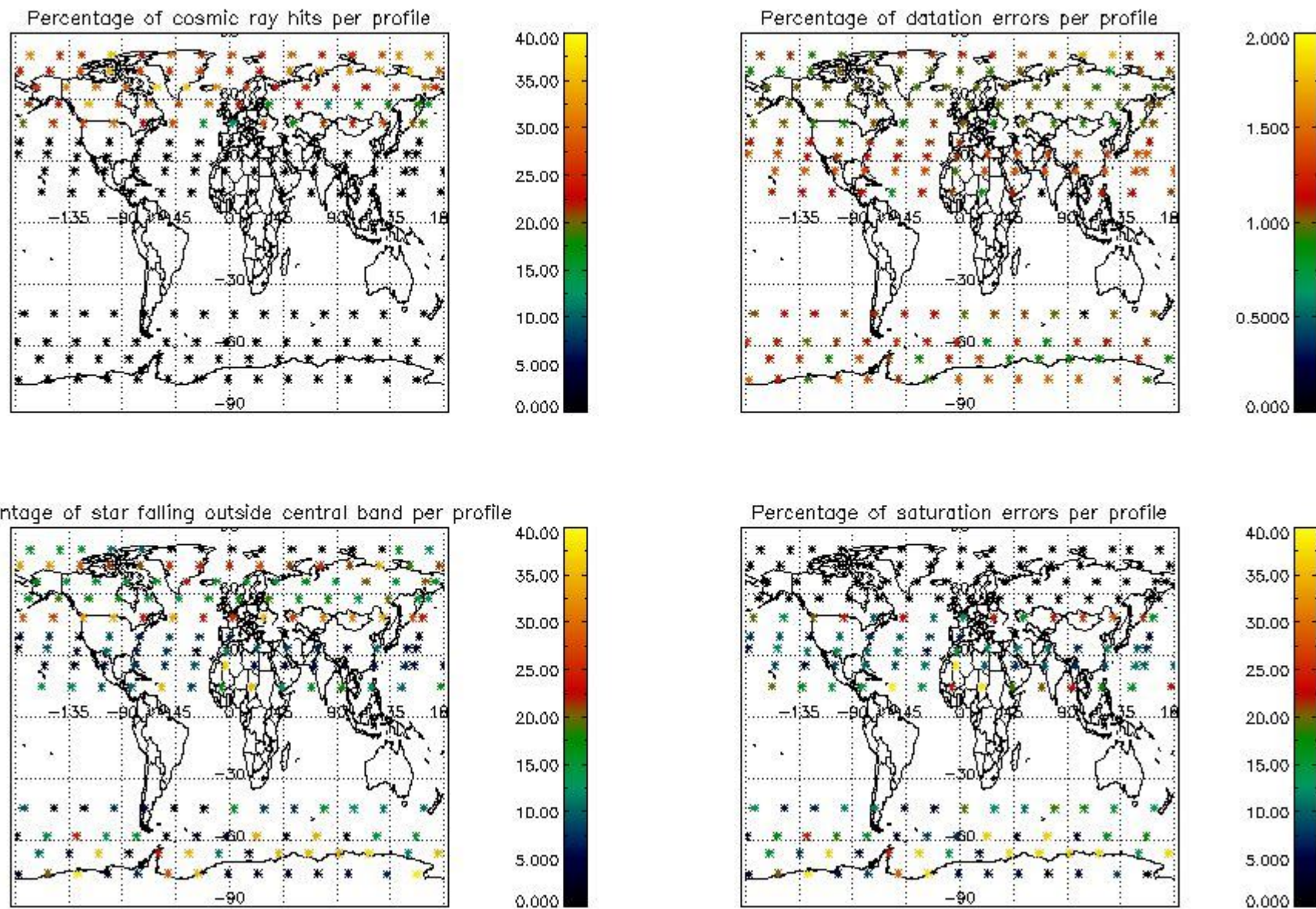
Percentage of star falling outside central band per profile



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

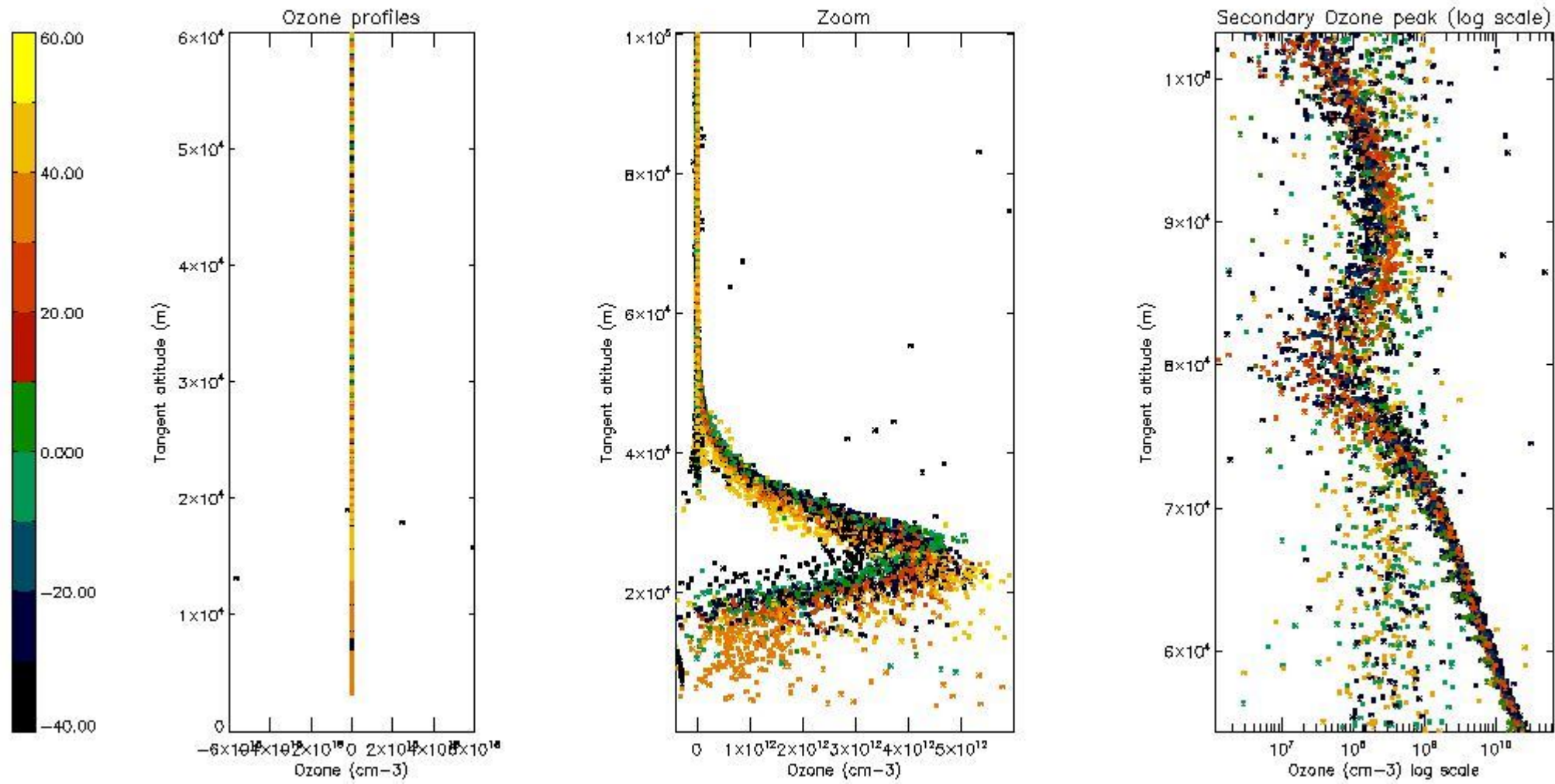
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	16

STD < 10	12
STD < 5	7

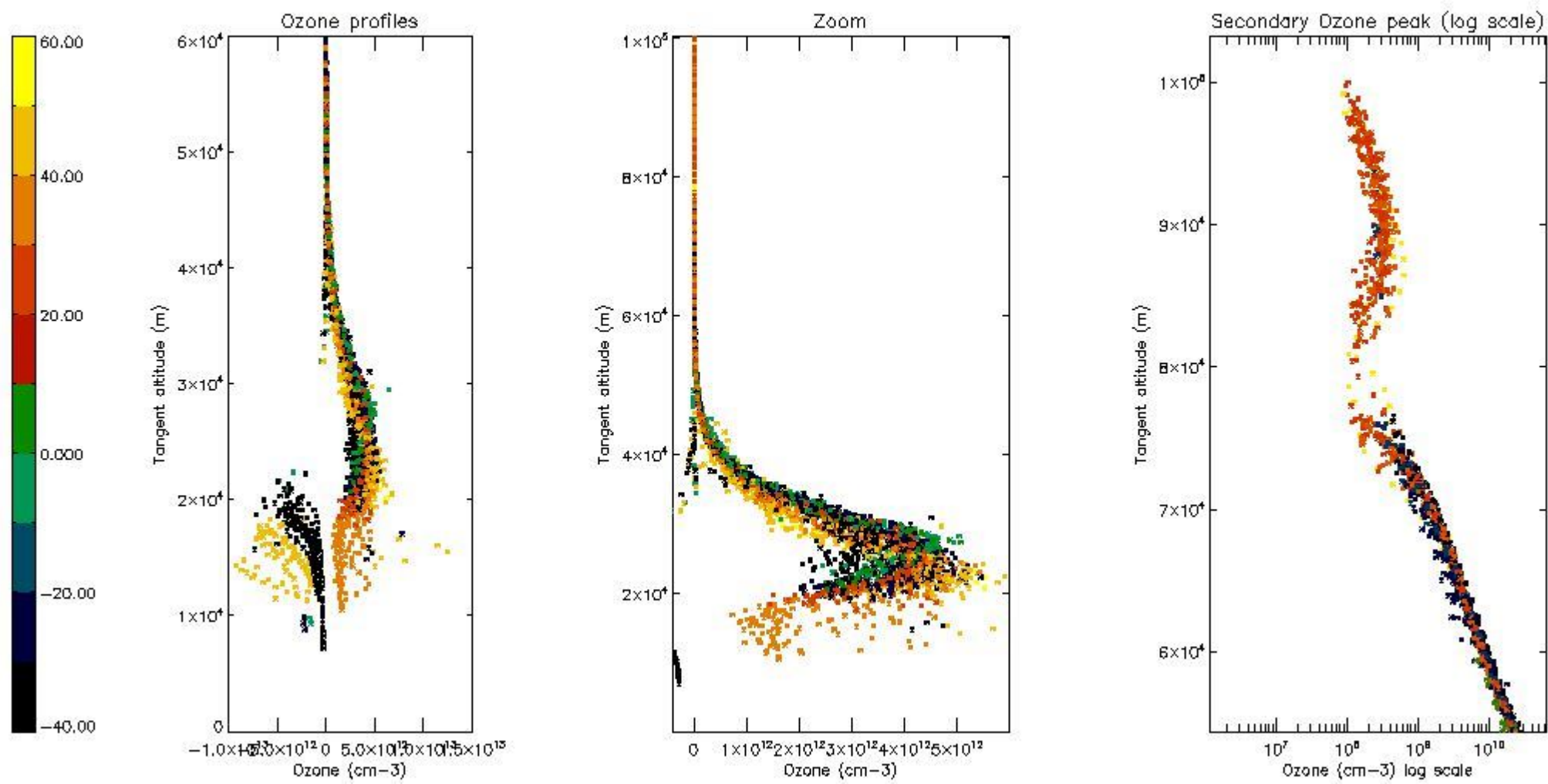
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



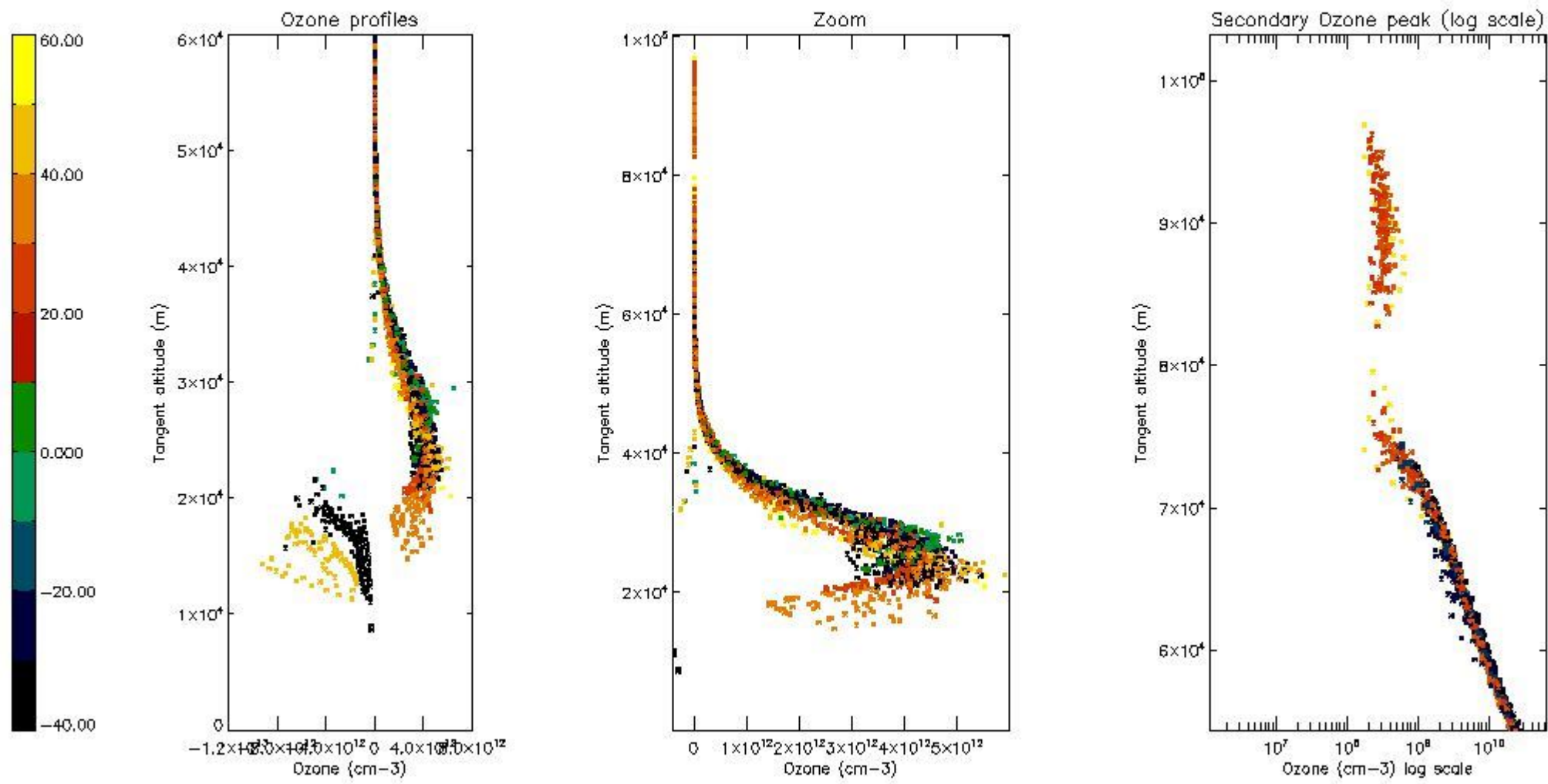
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



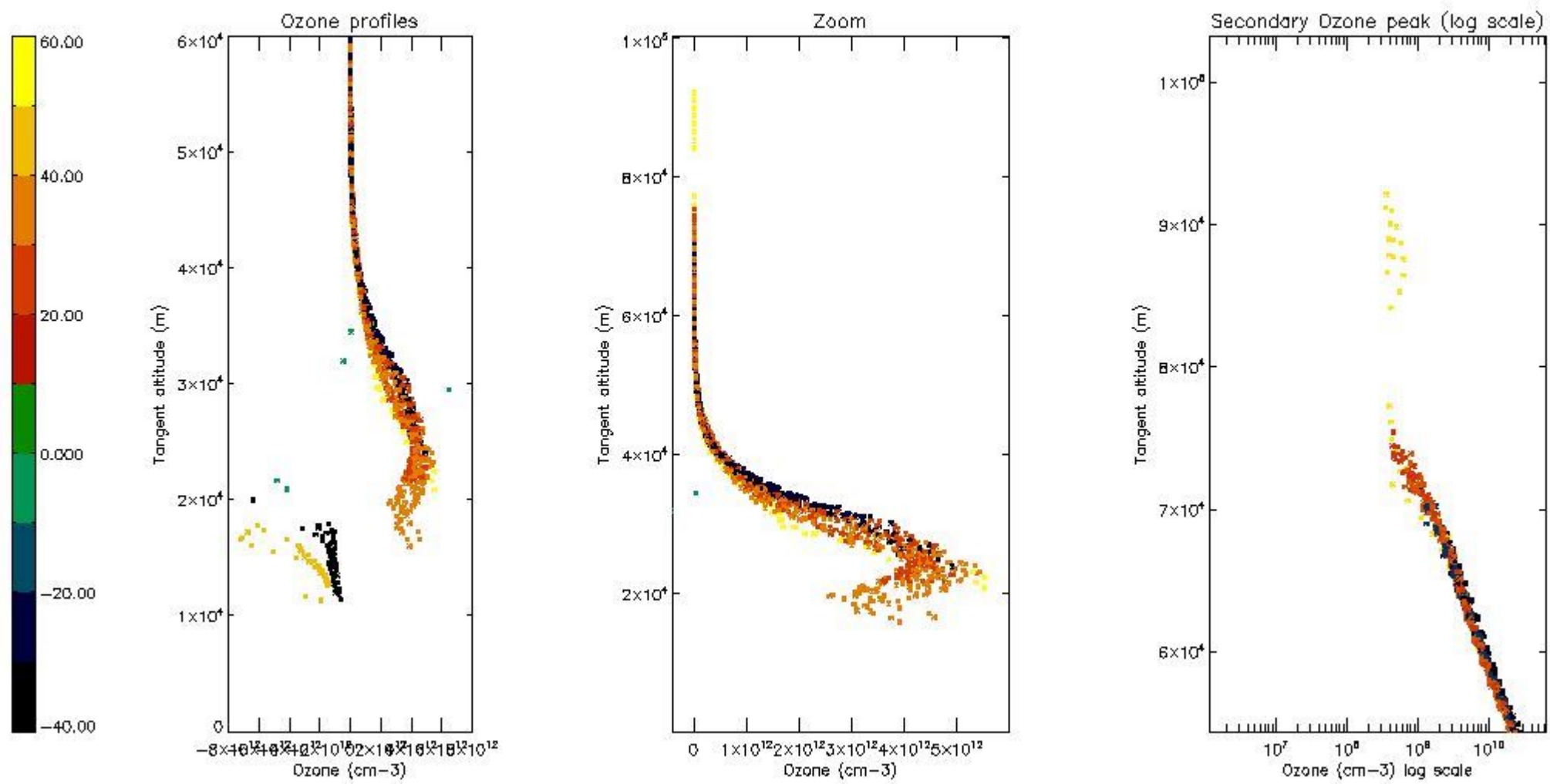
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



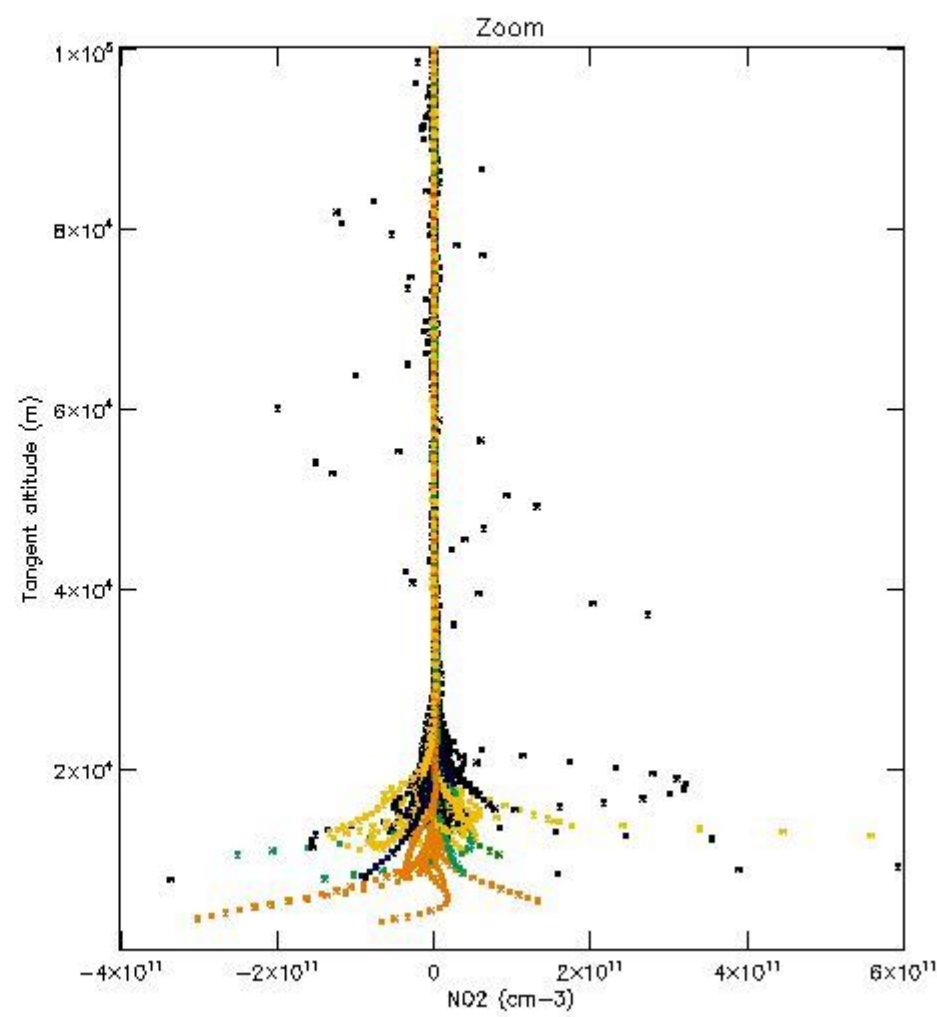
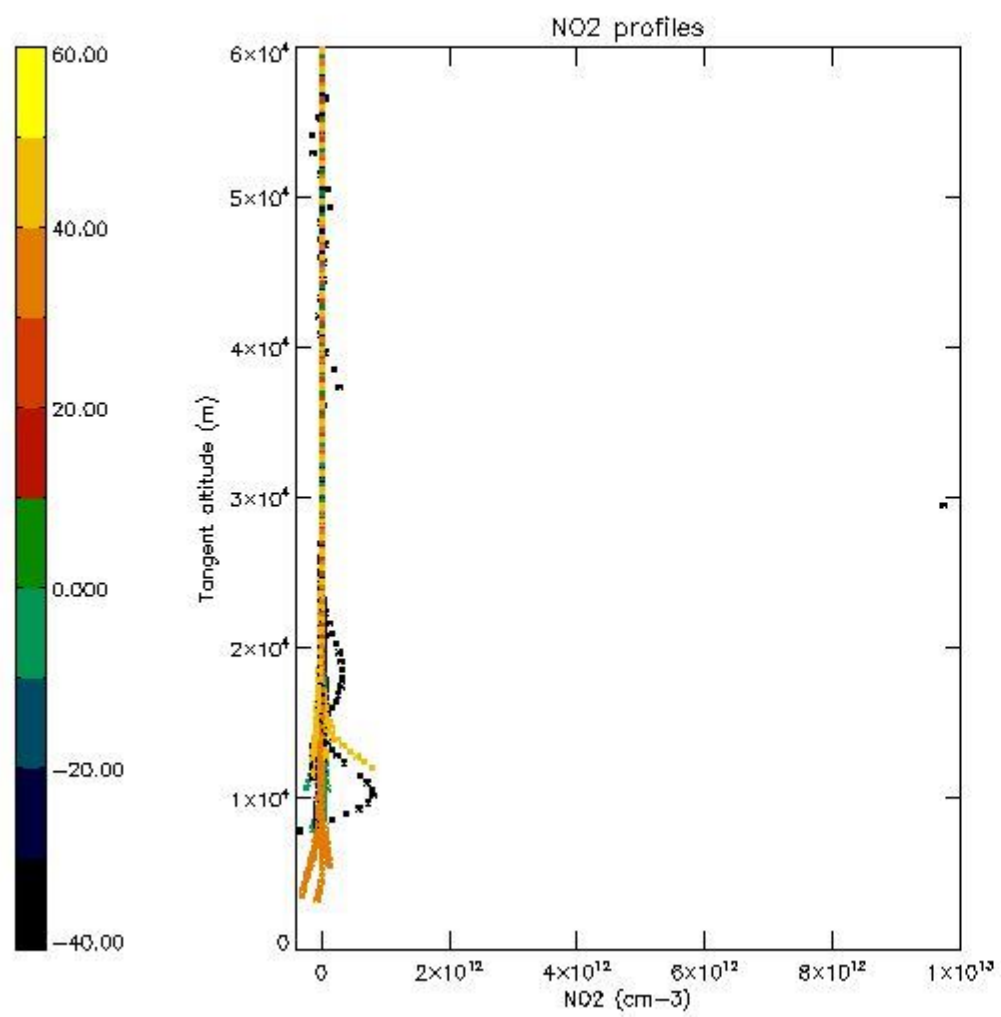
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



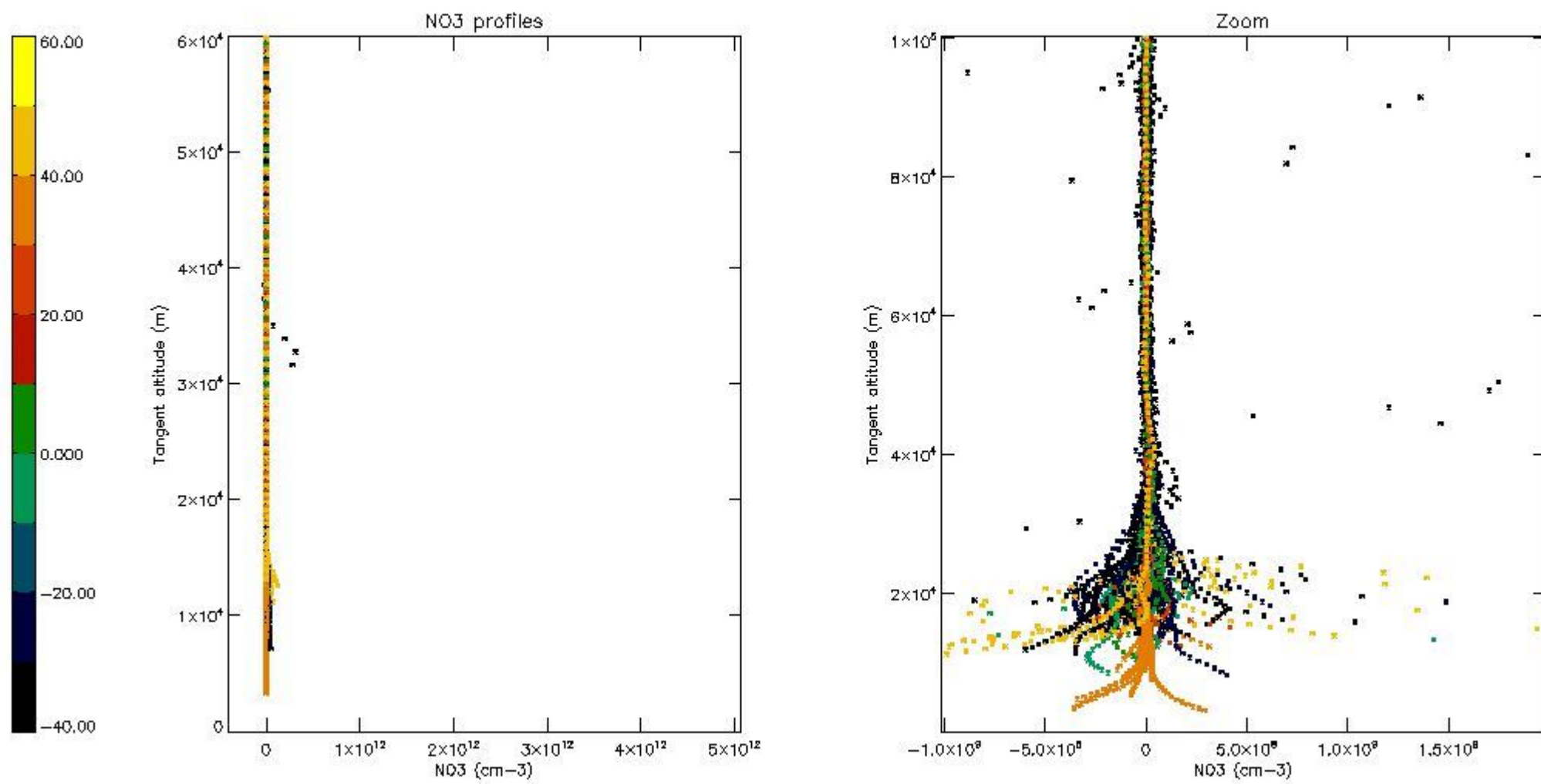
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



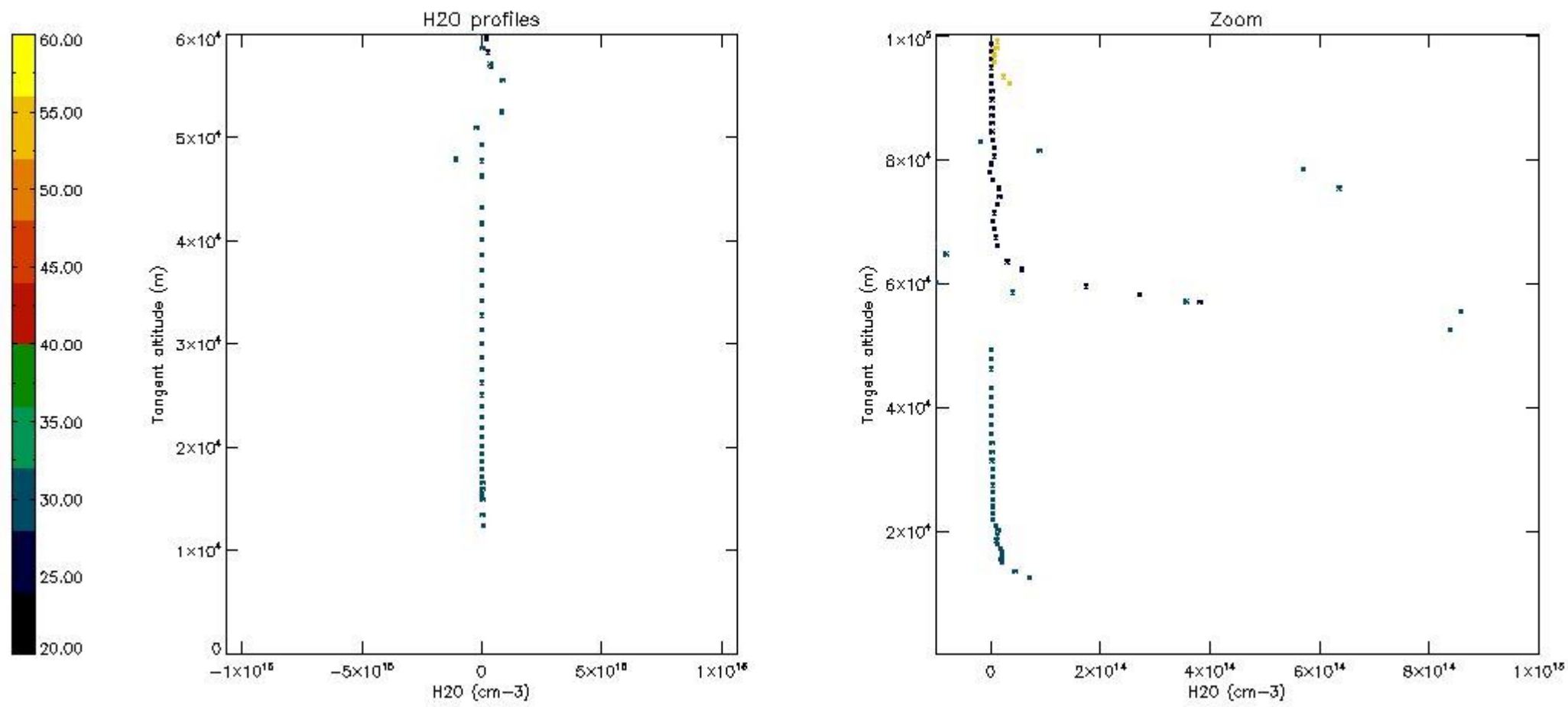
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

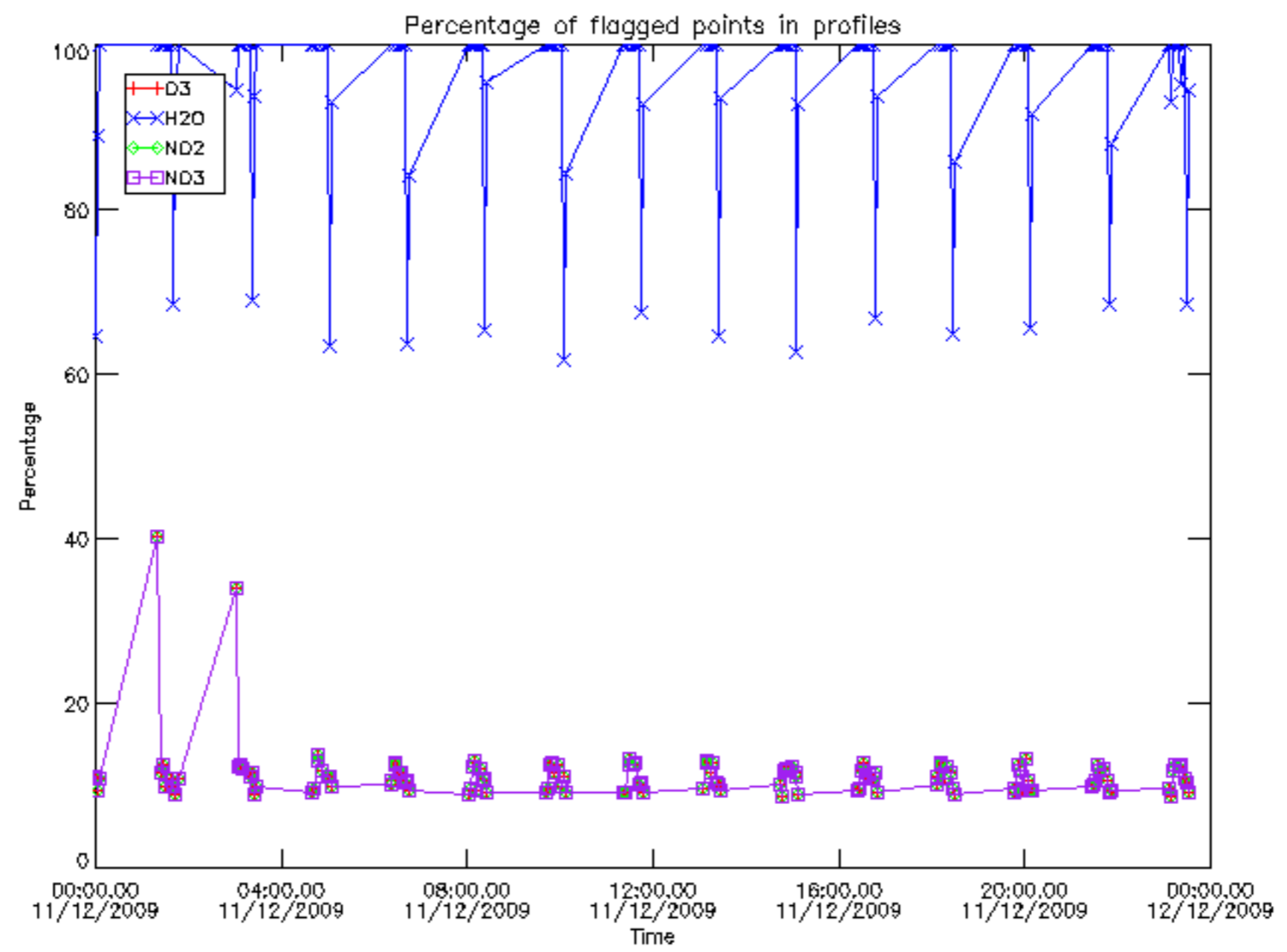
The colorbar represents the latitude.



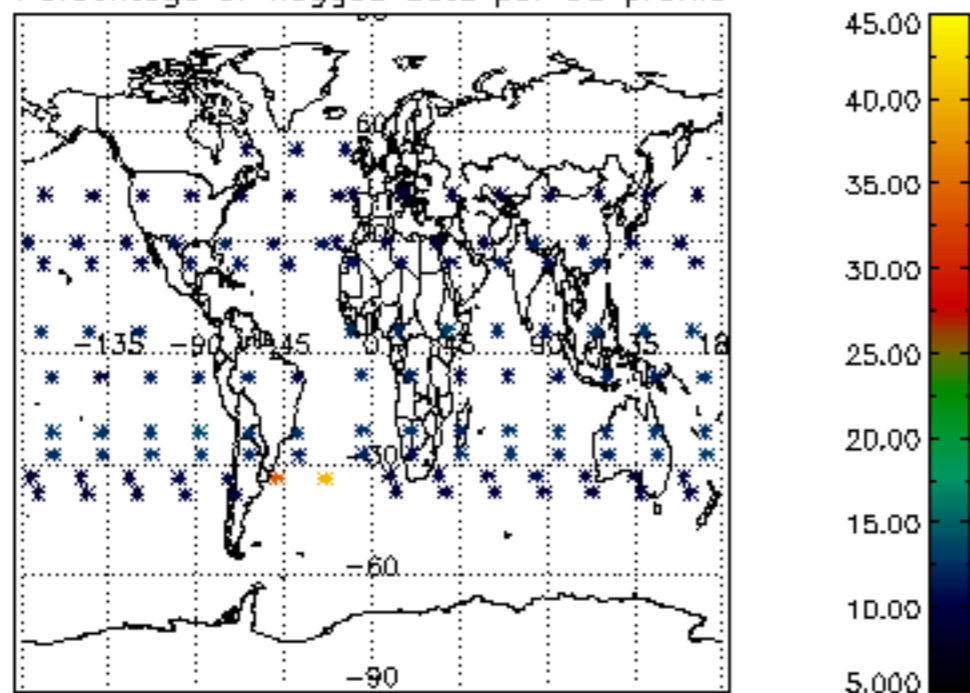
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

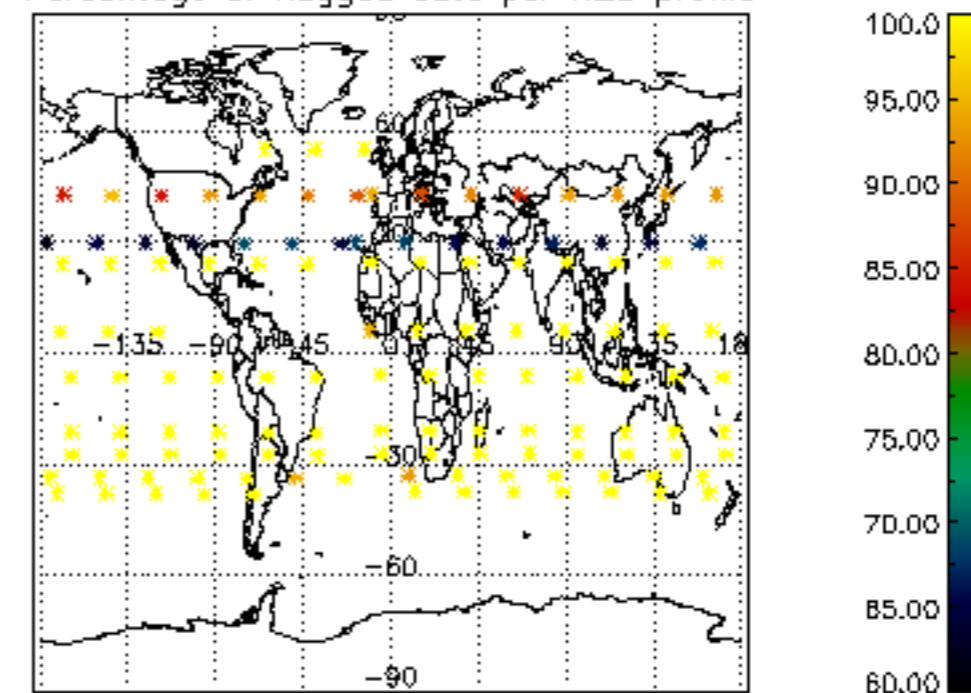
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-DEC-2009 00:00:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-DEC-2009 00:00:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-DEC-2009 00:00:17



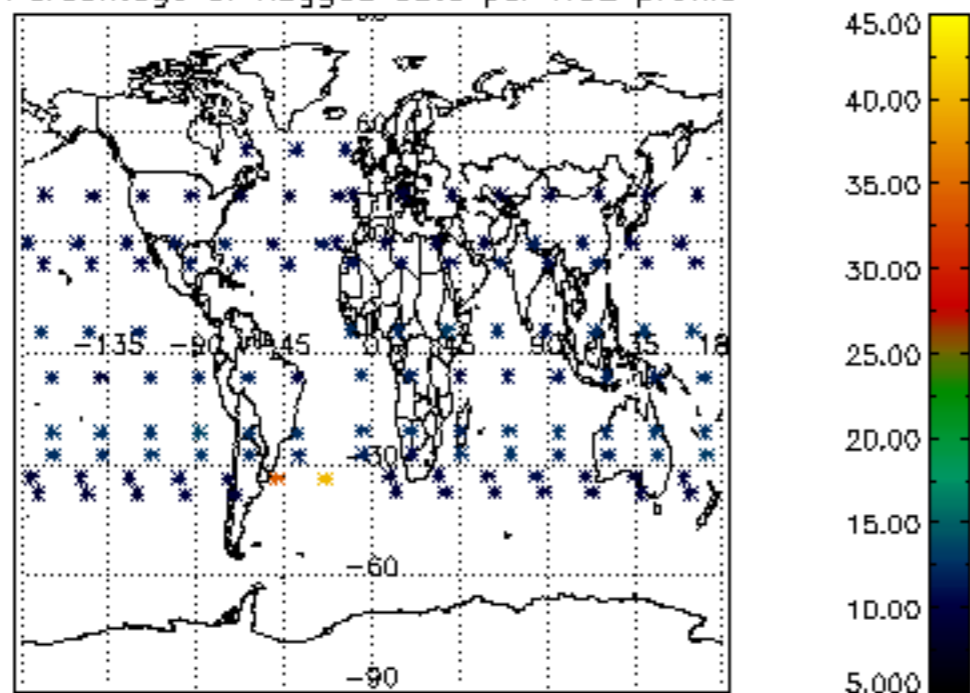
Percentage of flagged data per D3 profile



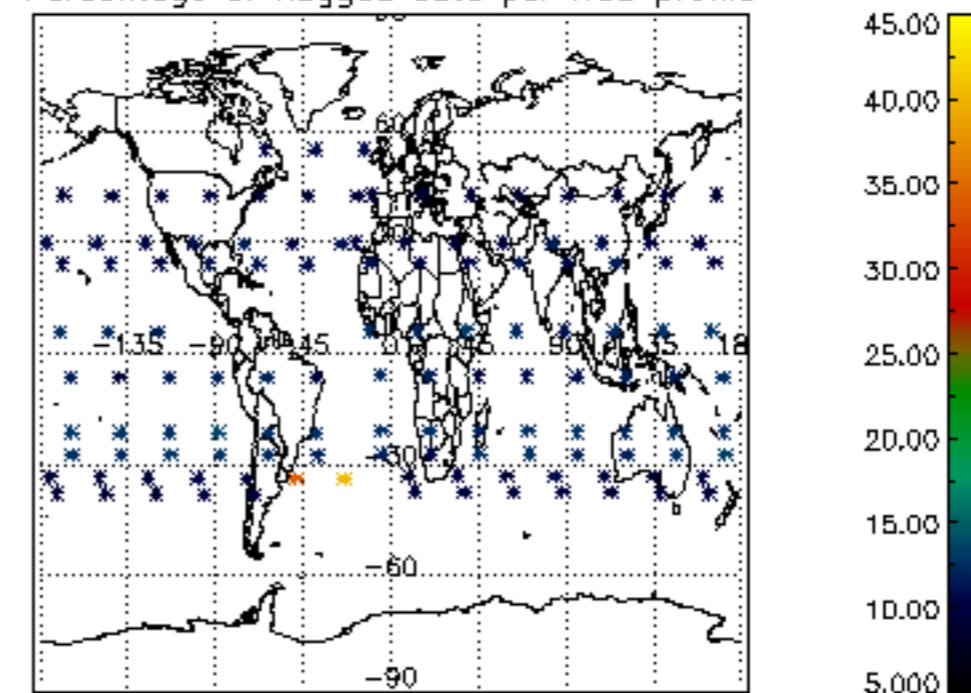
Percentage of flagged data per H2O profile

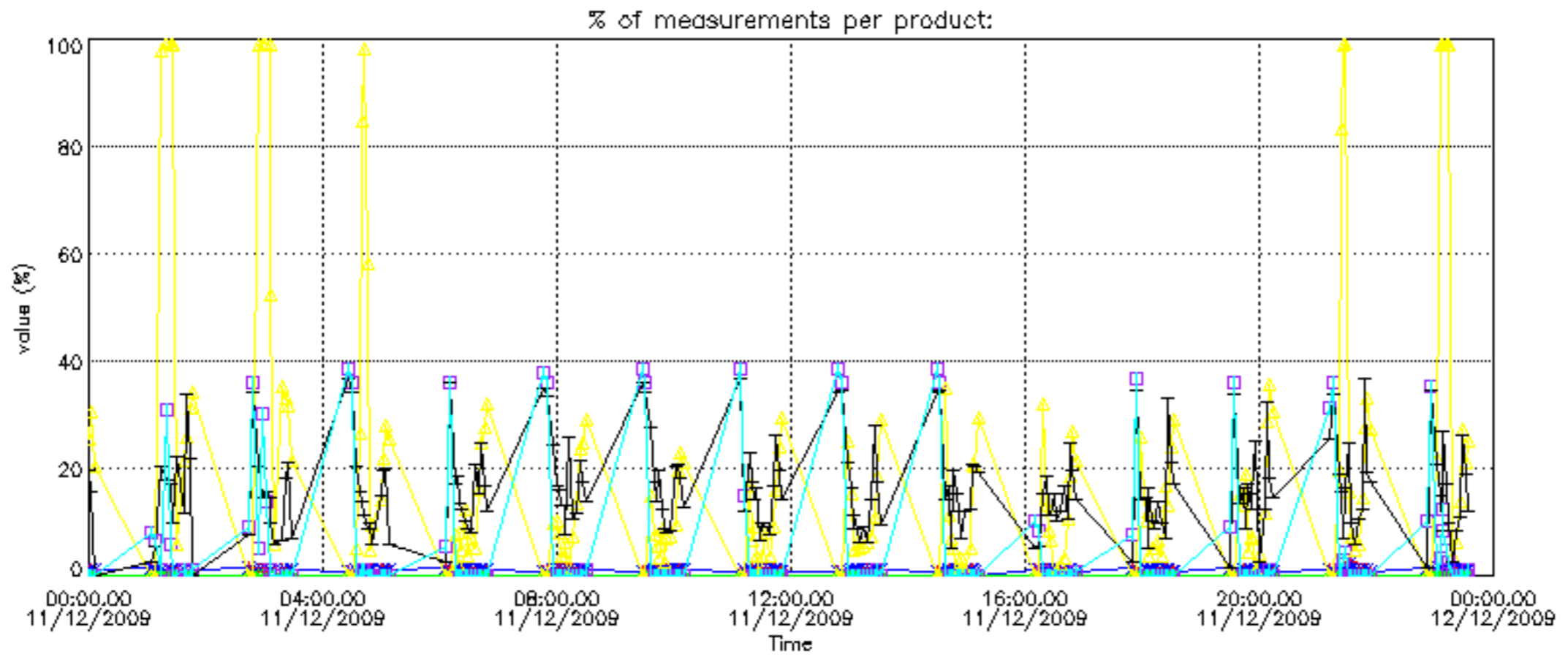


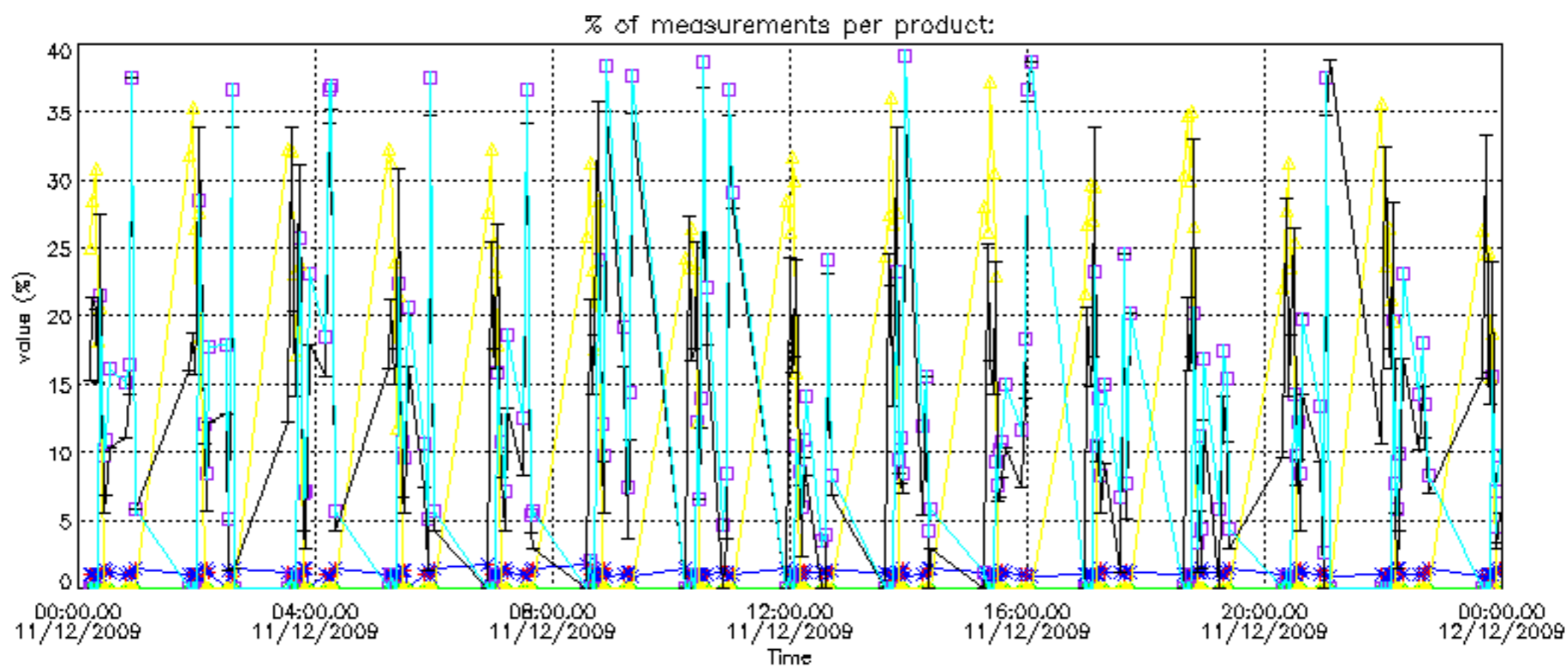
Percentage of flagged data per NO2 profile



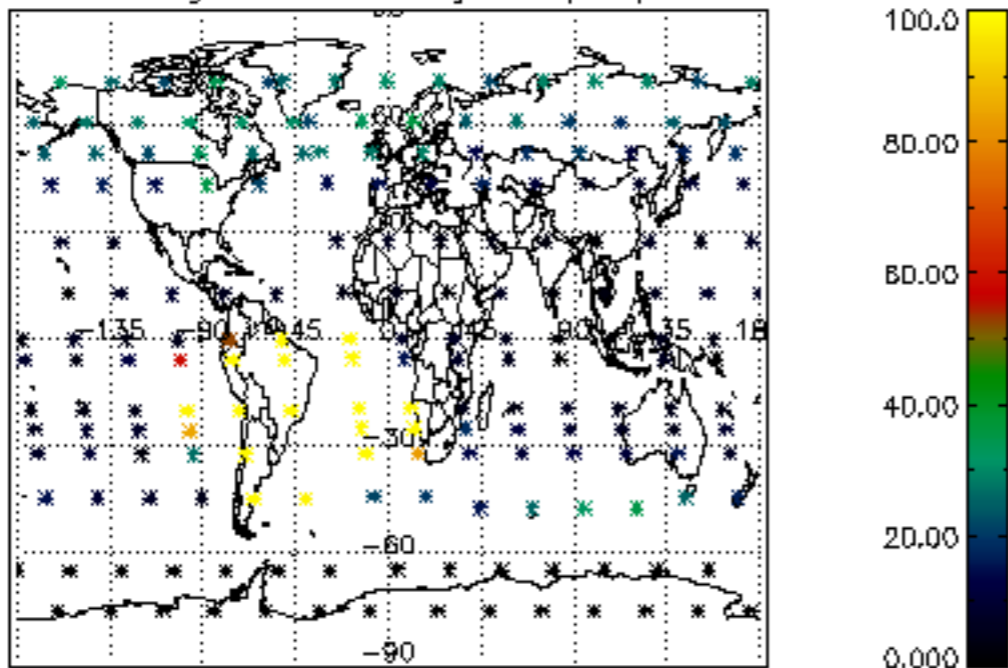
Percentage of flagged data per NO3 profile



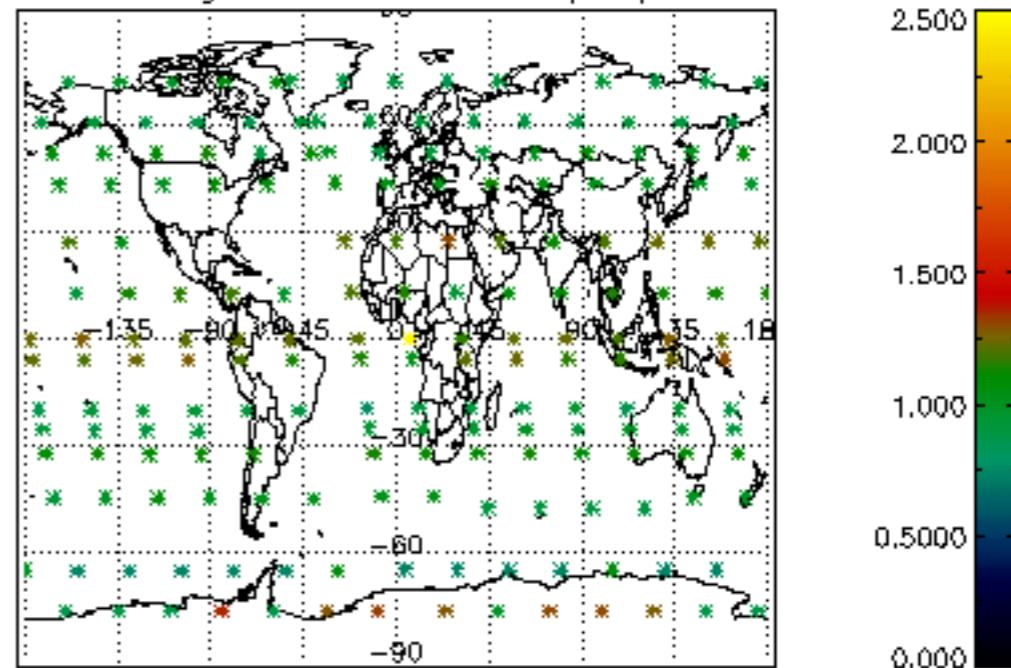




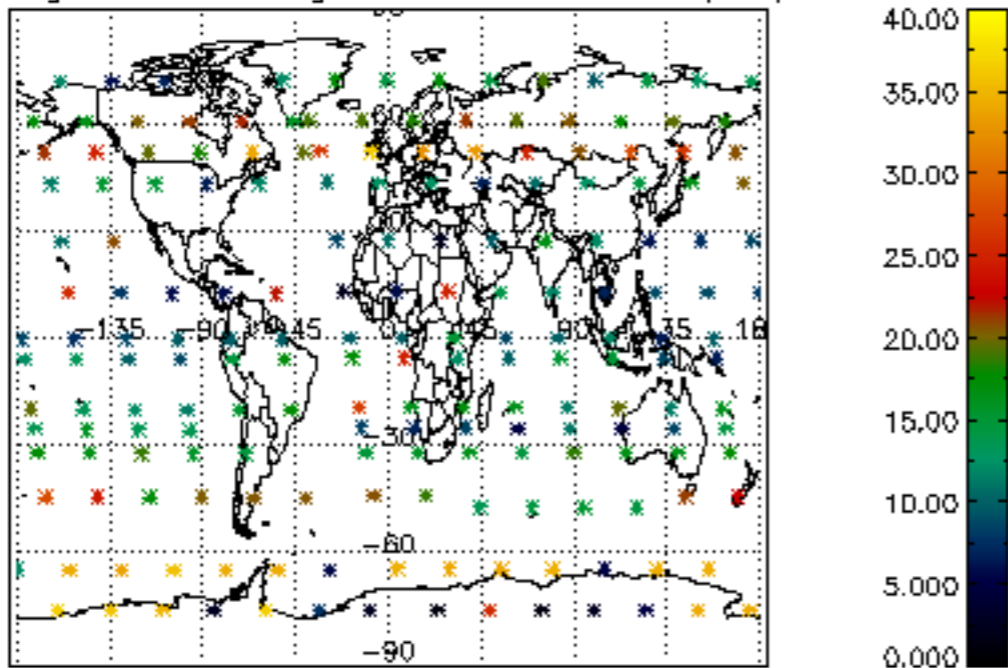
Percentage of cosmic ray hits per profile



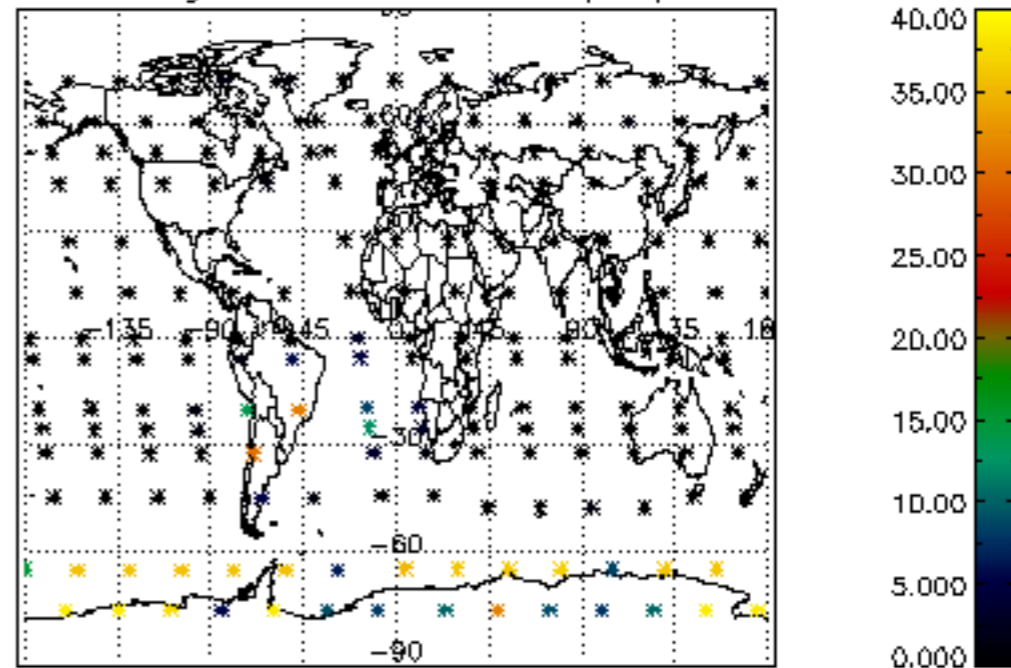
Percentage of datation errors per profile



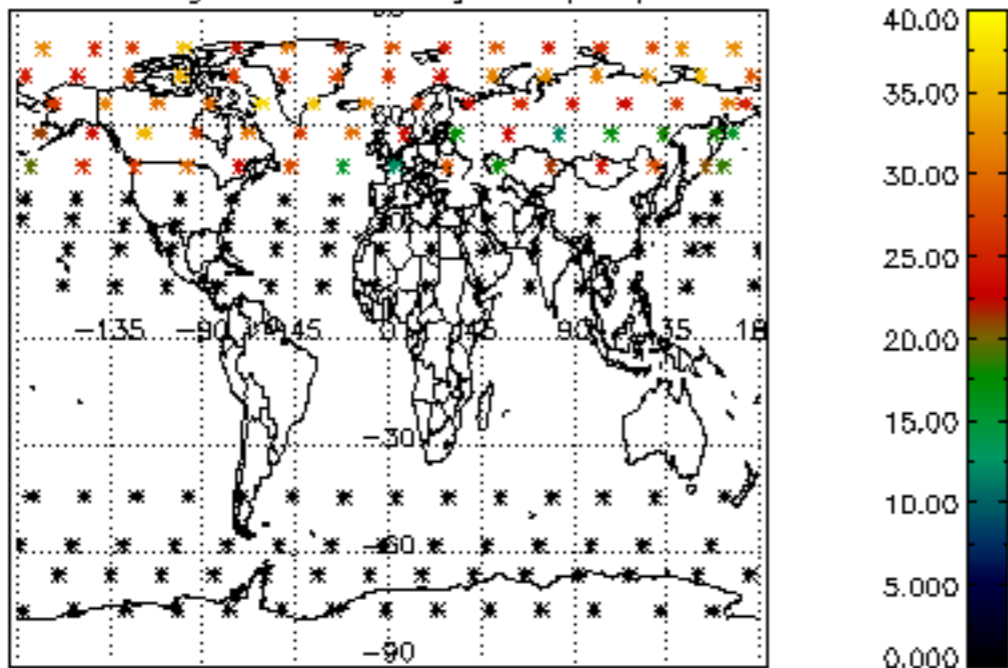
Percentage of star falling outside central band per profile



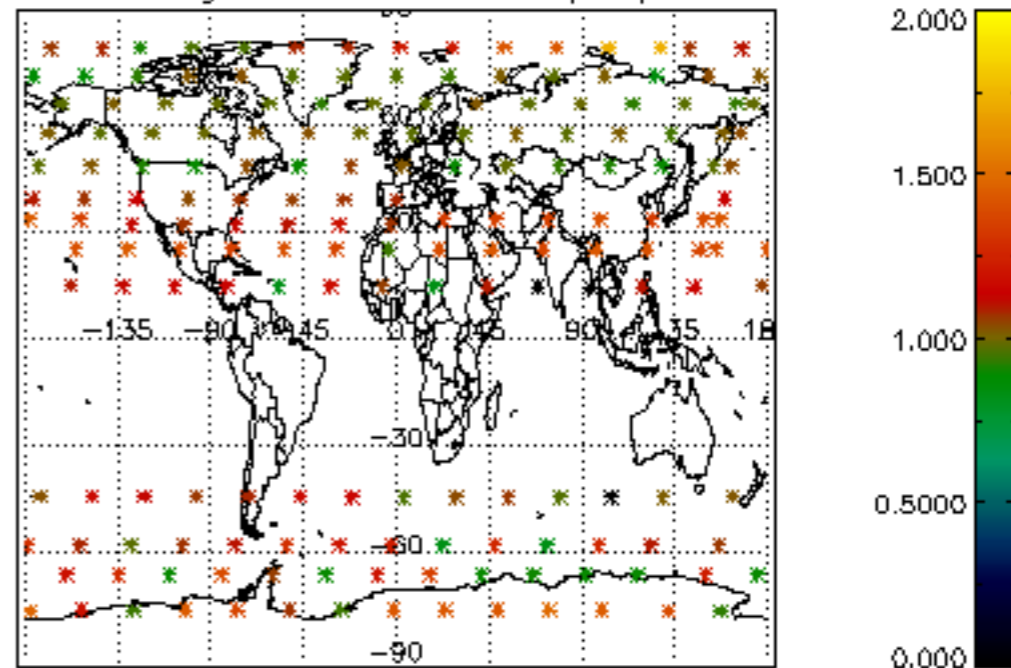
Percentage of saturation errors per profile



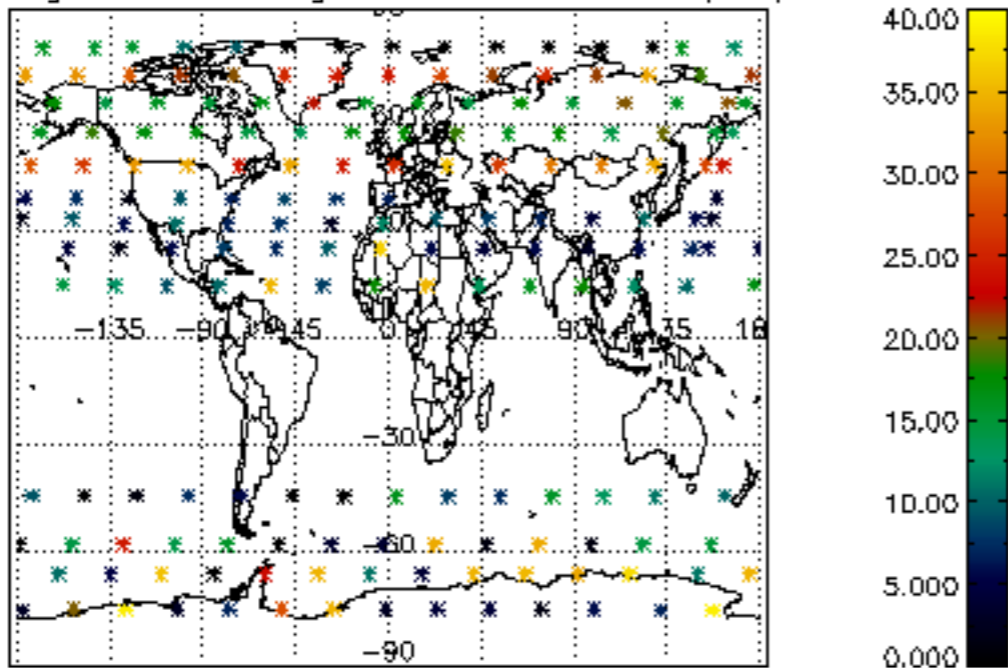
Percentage of cosmic ray hits per profile



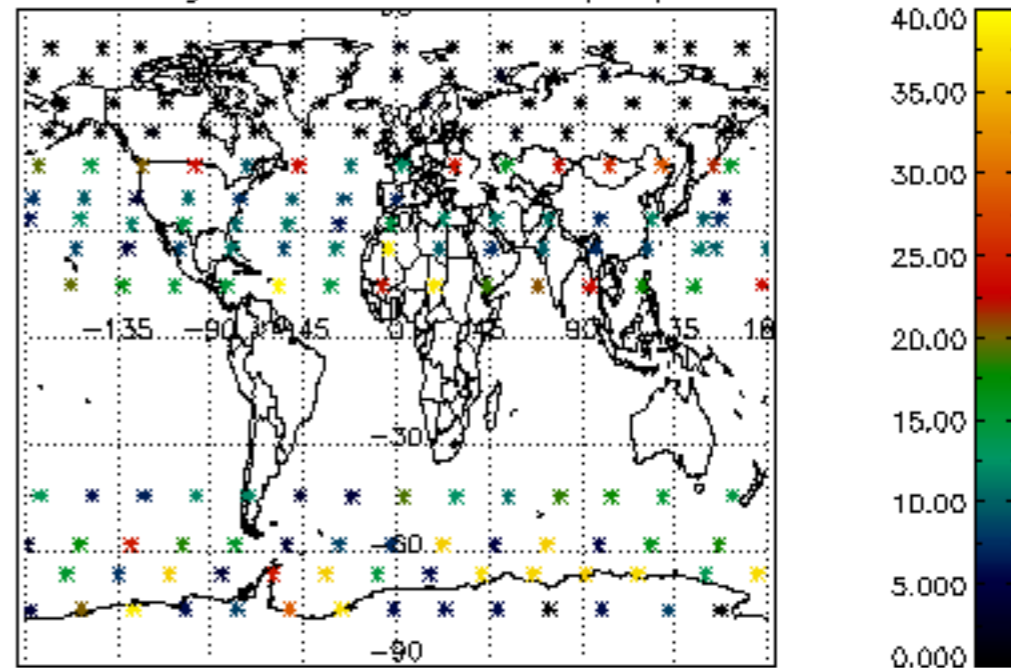
Percentage of datation errors per profile

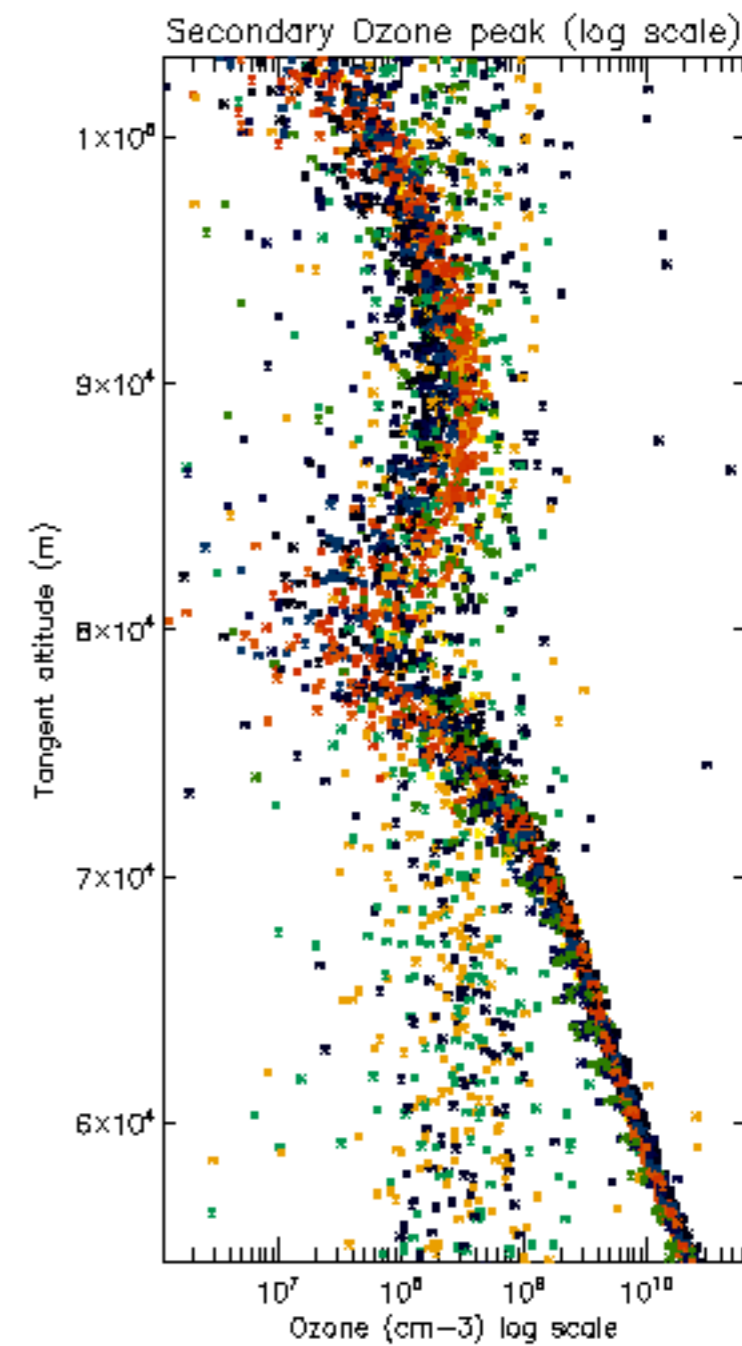
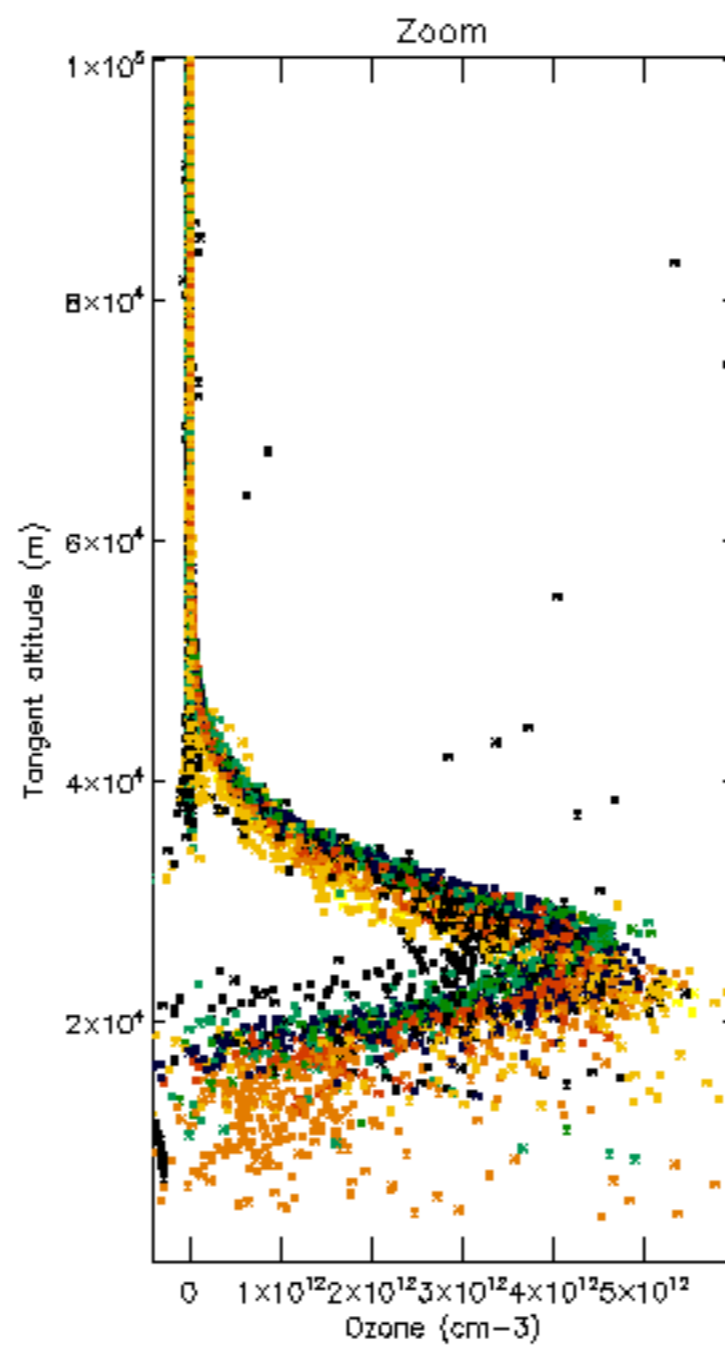
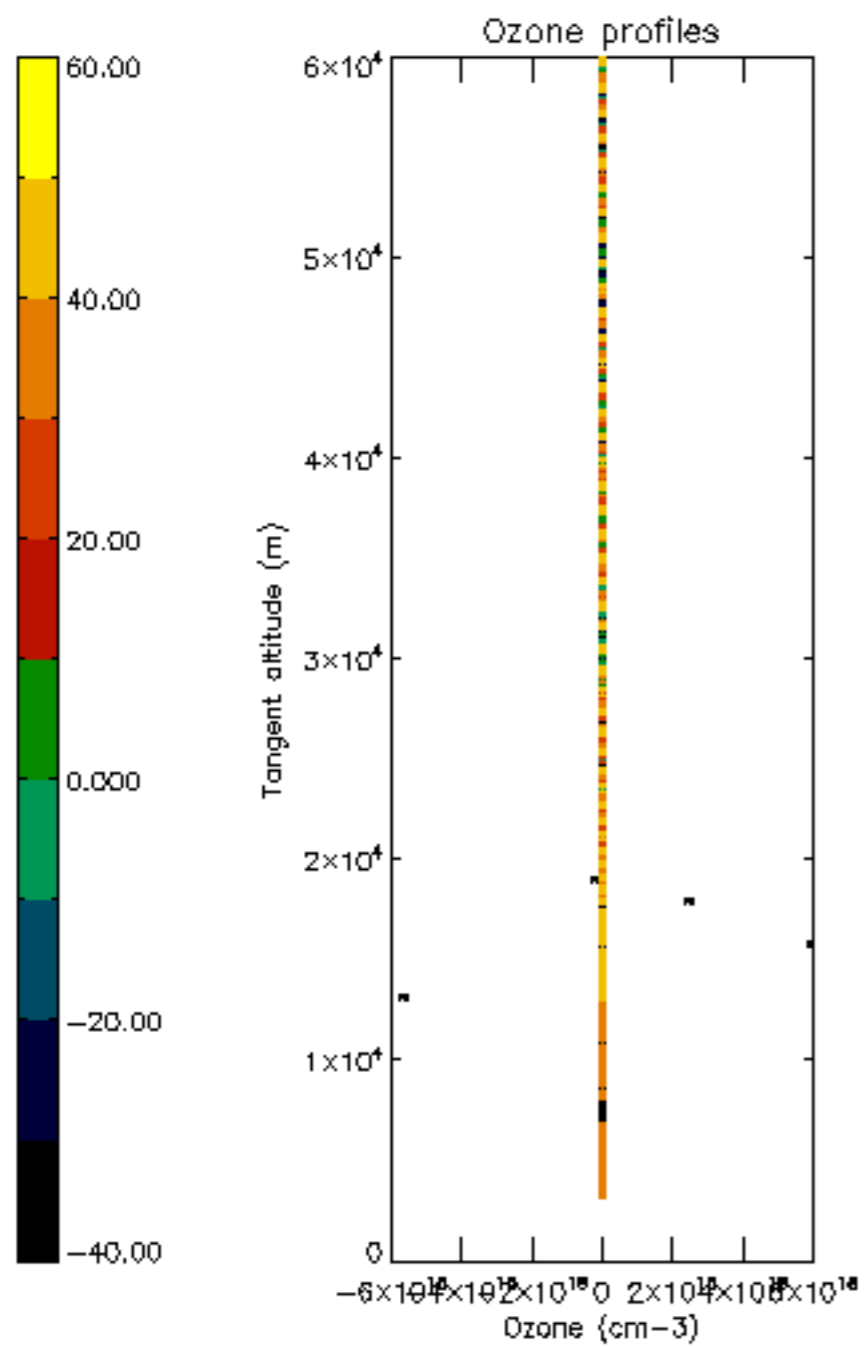


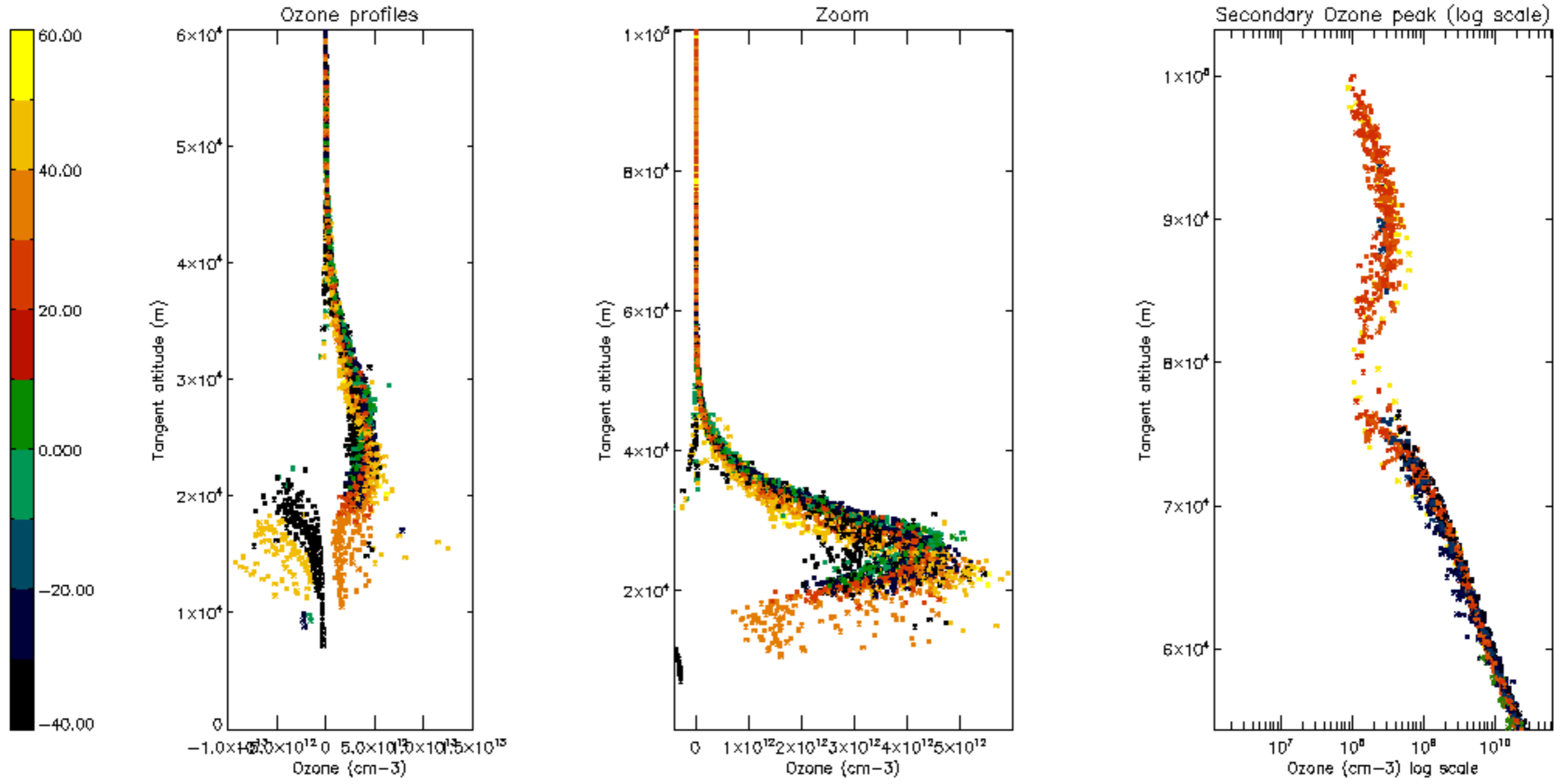
Percentage of star falling outside central band per profile

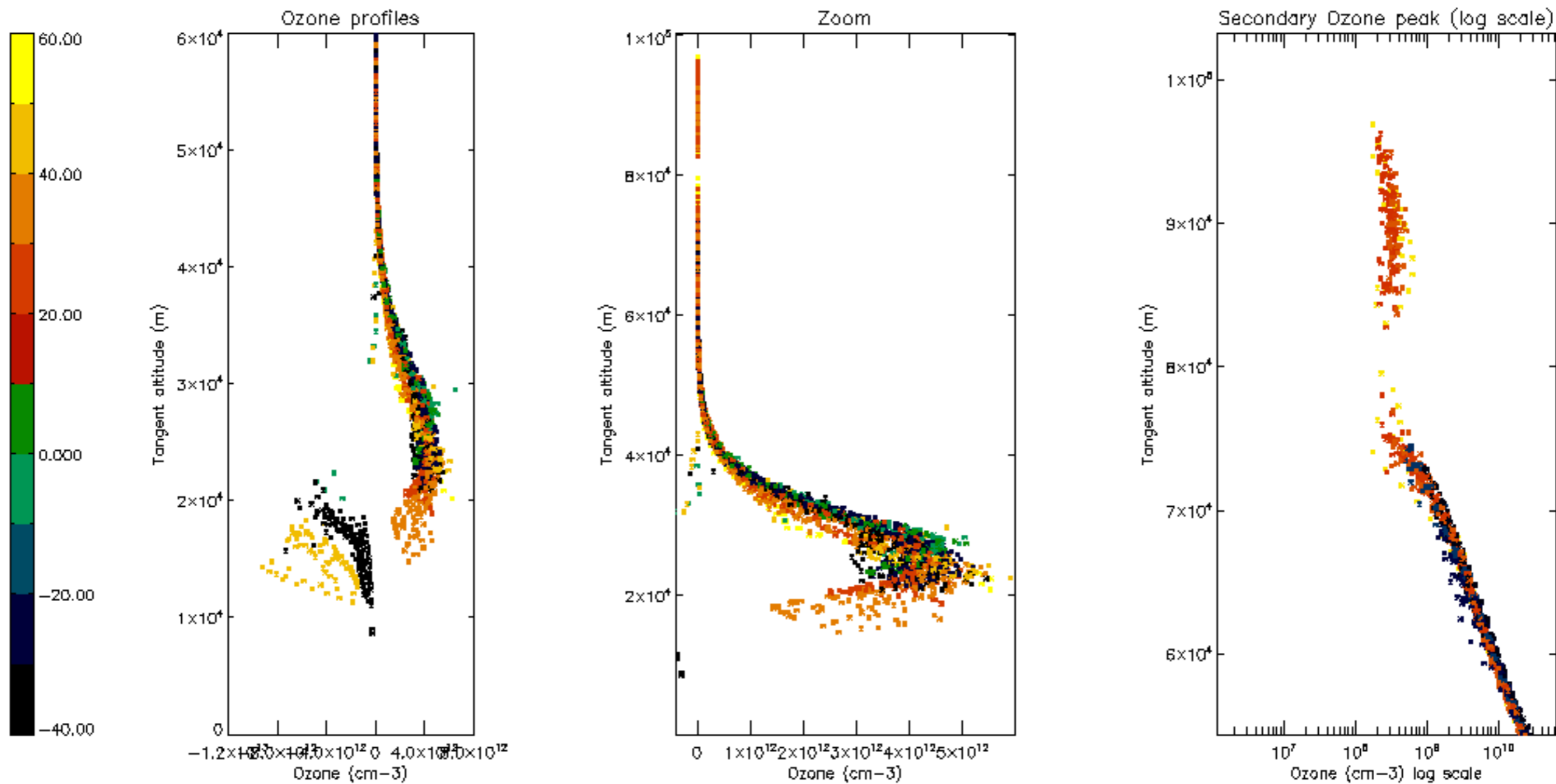


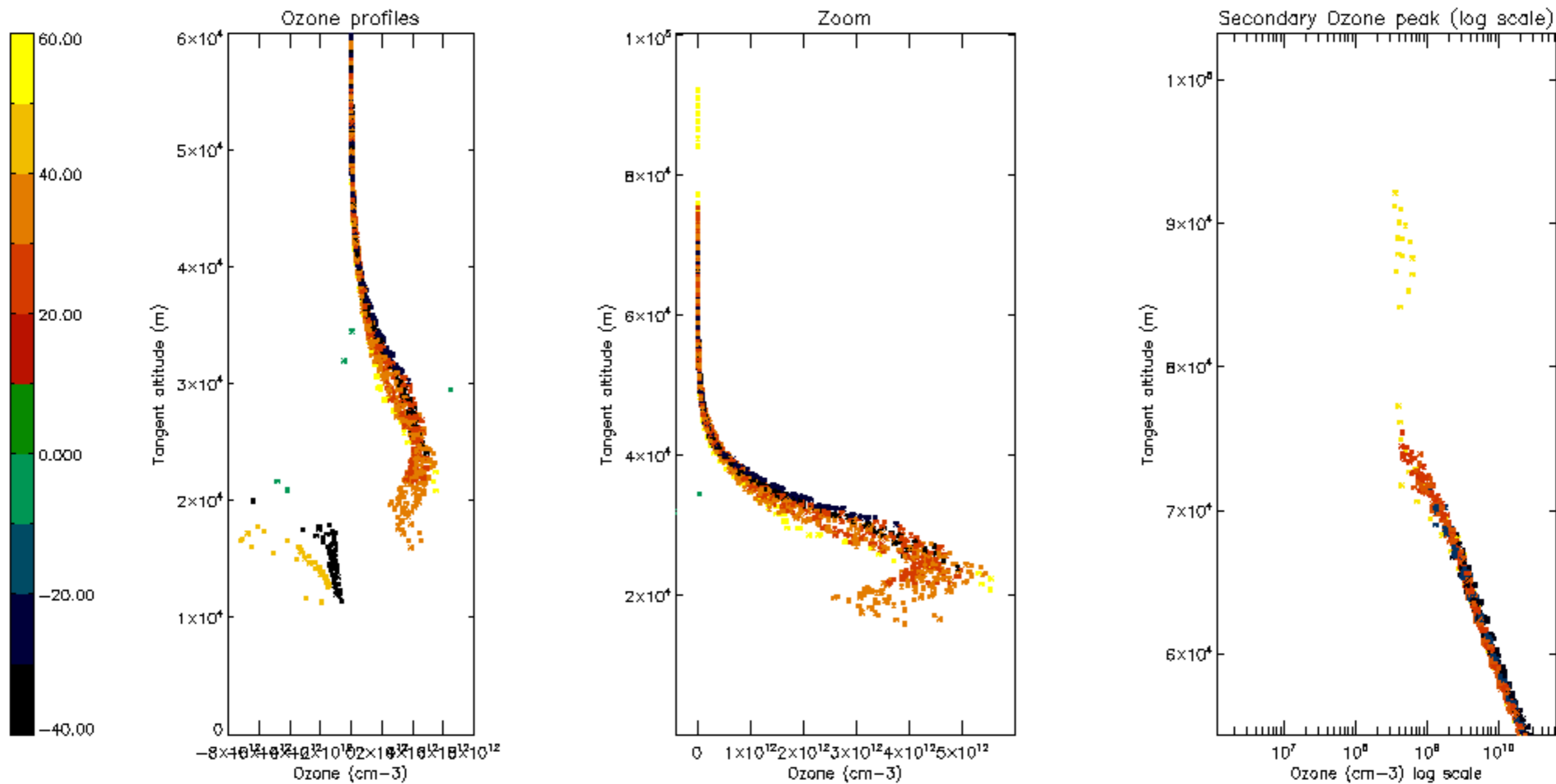
Percentage of saturation errors per profile

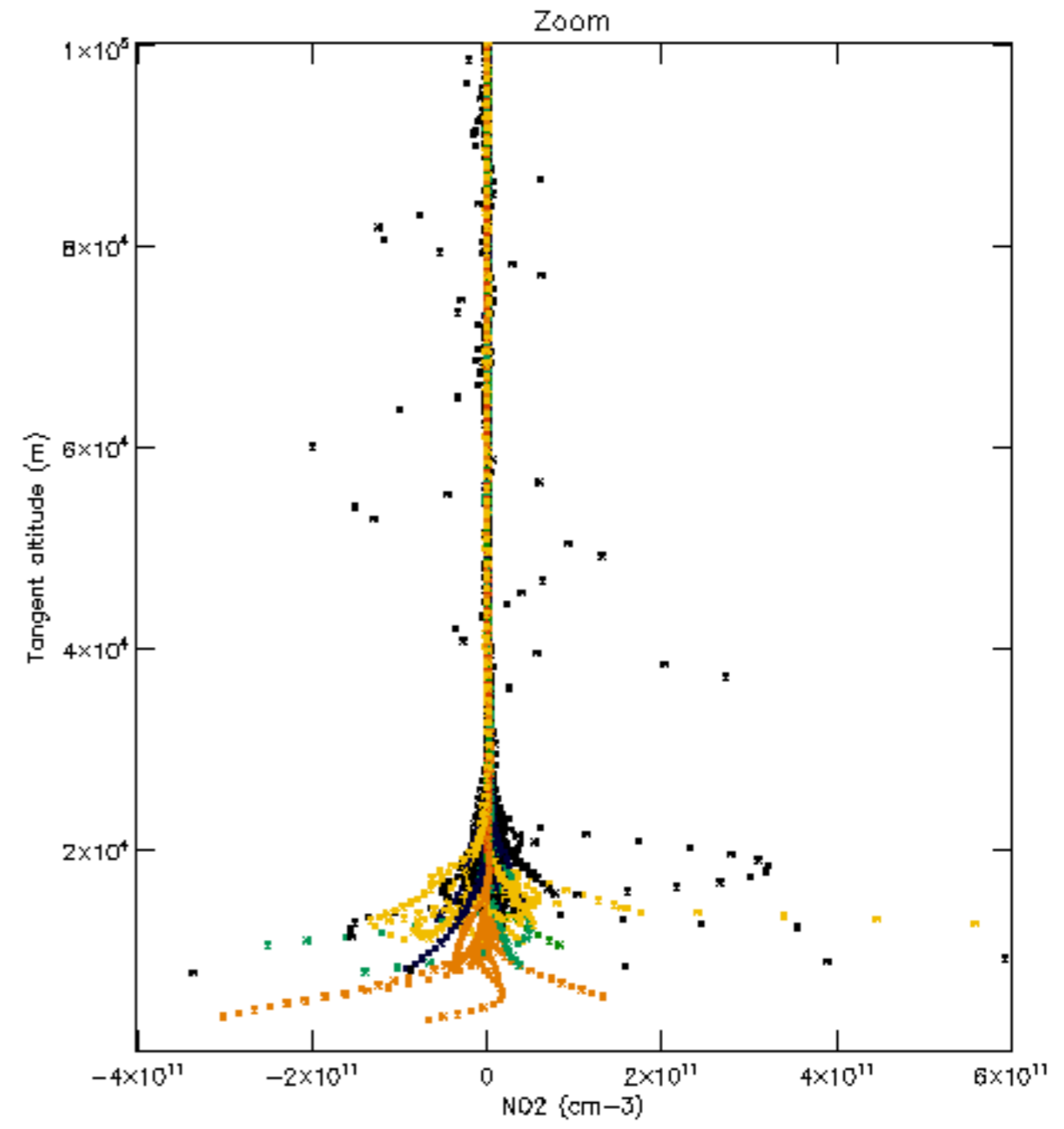
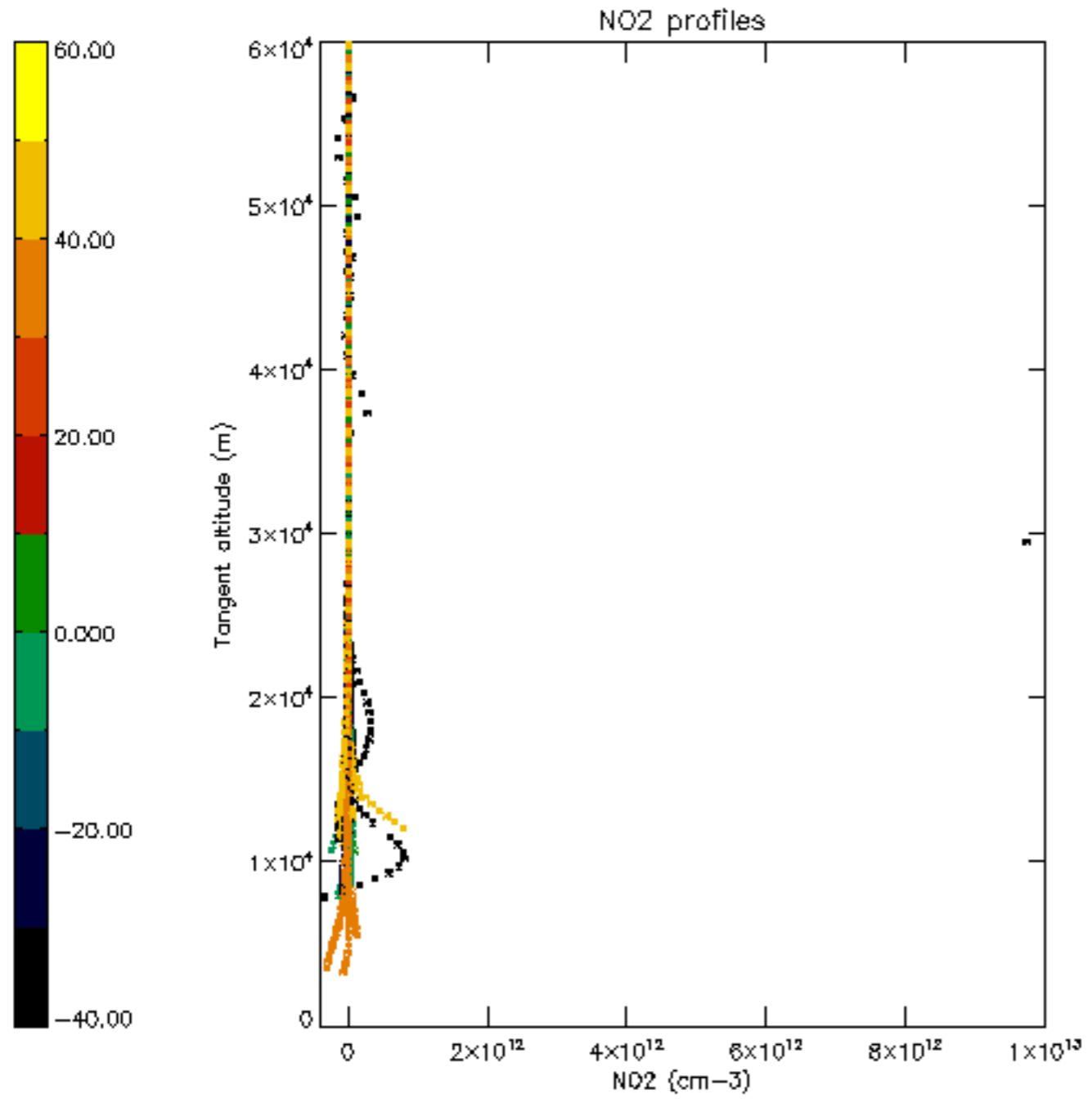


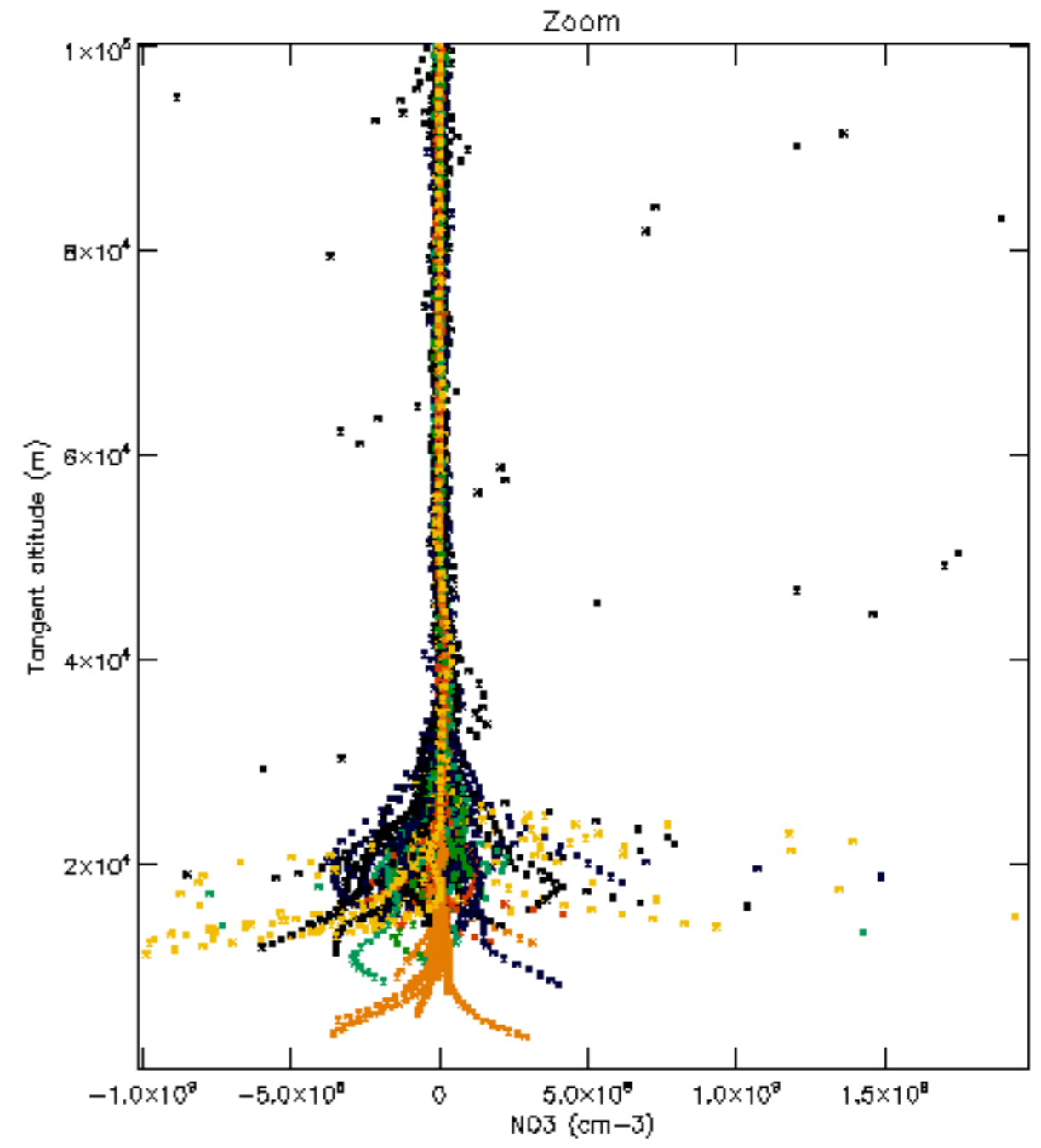
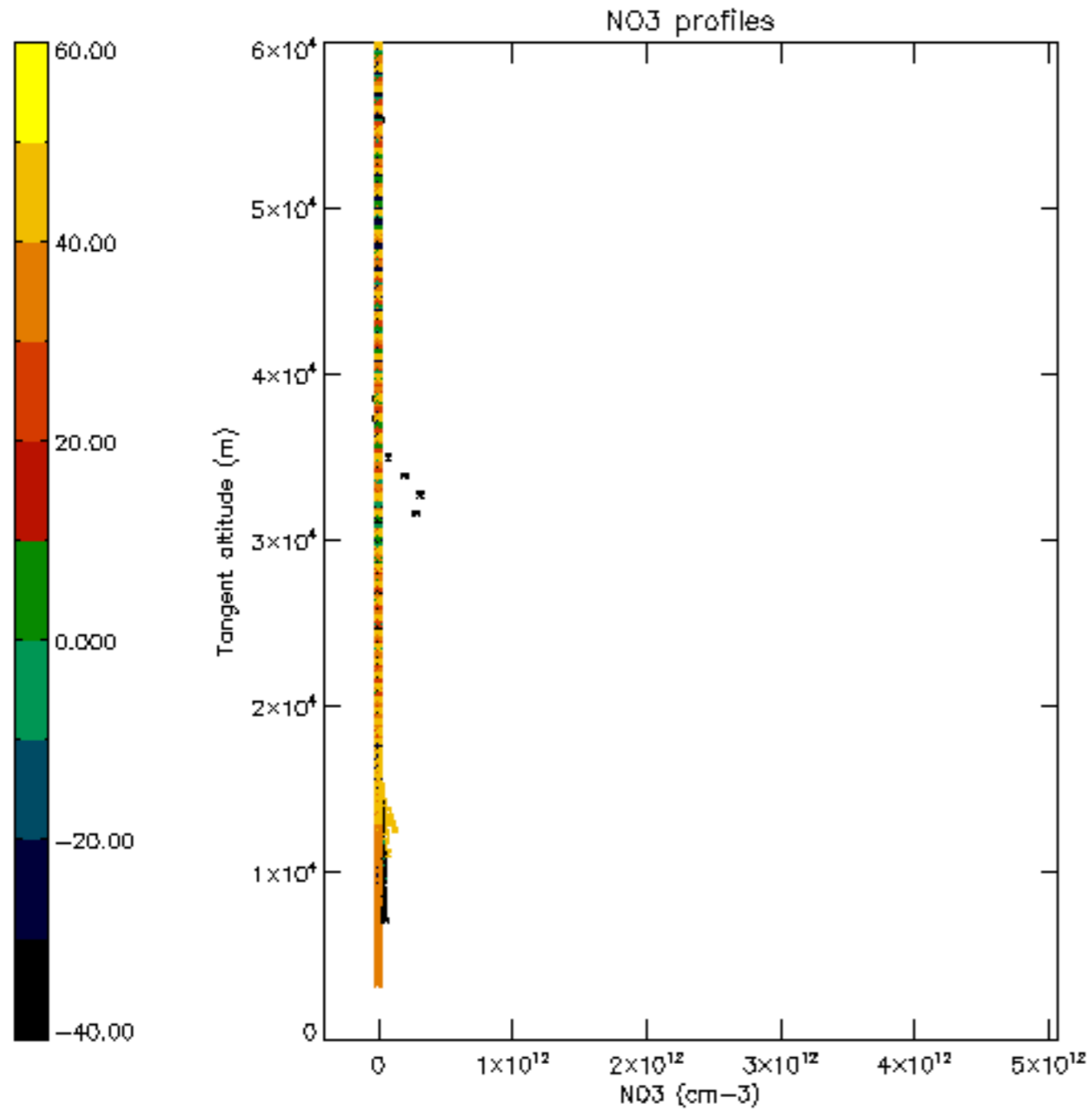


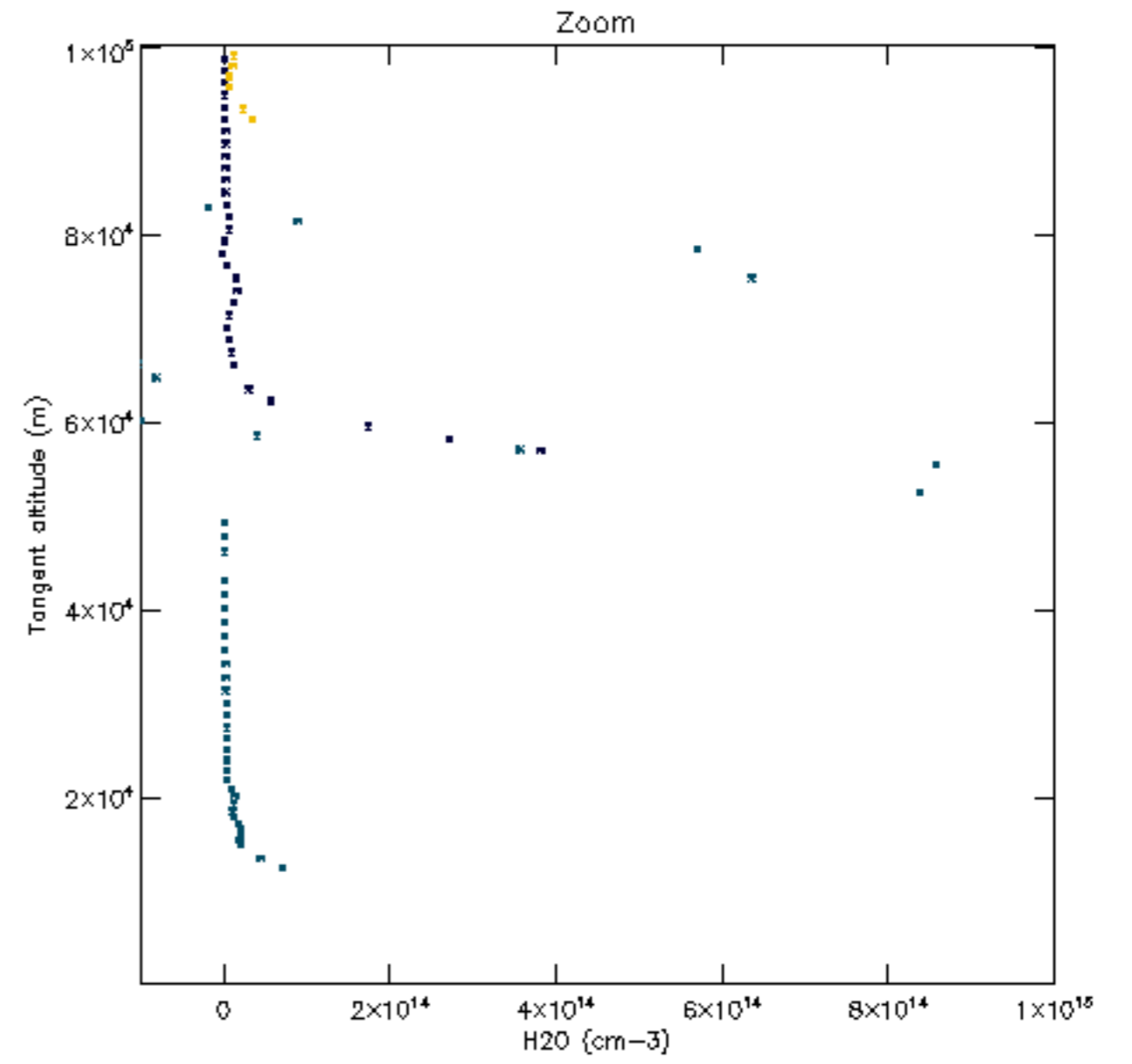
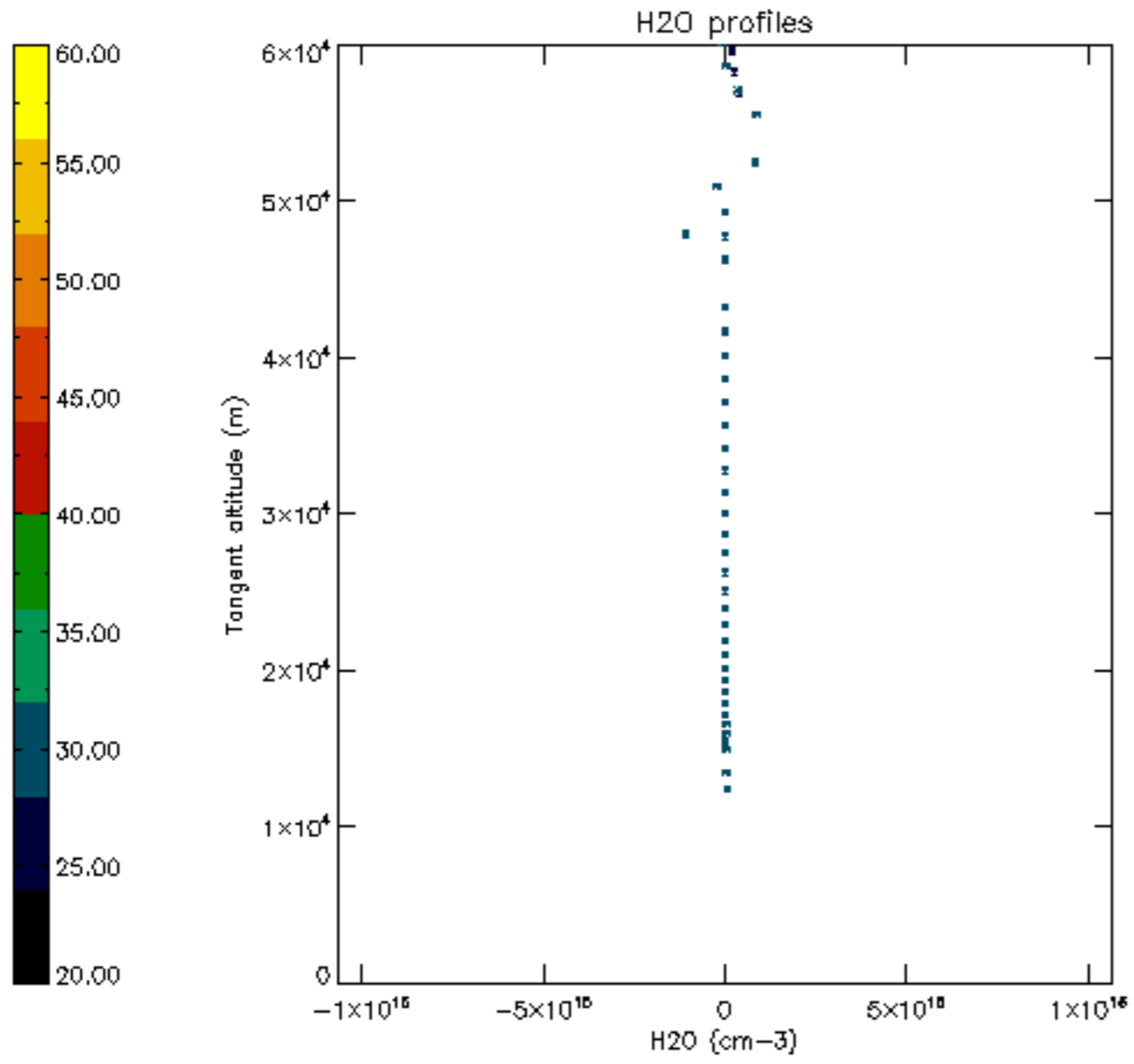


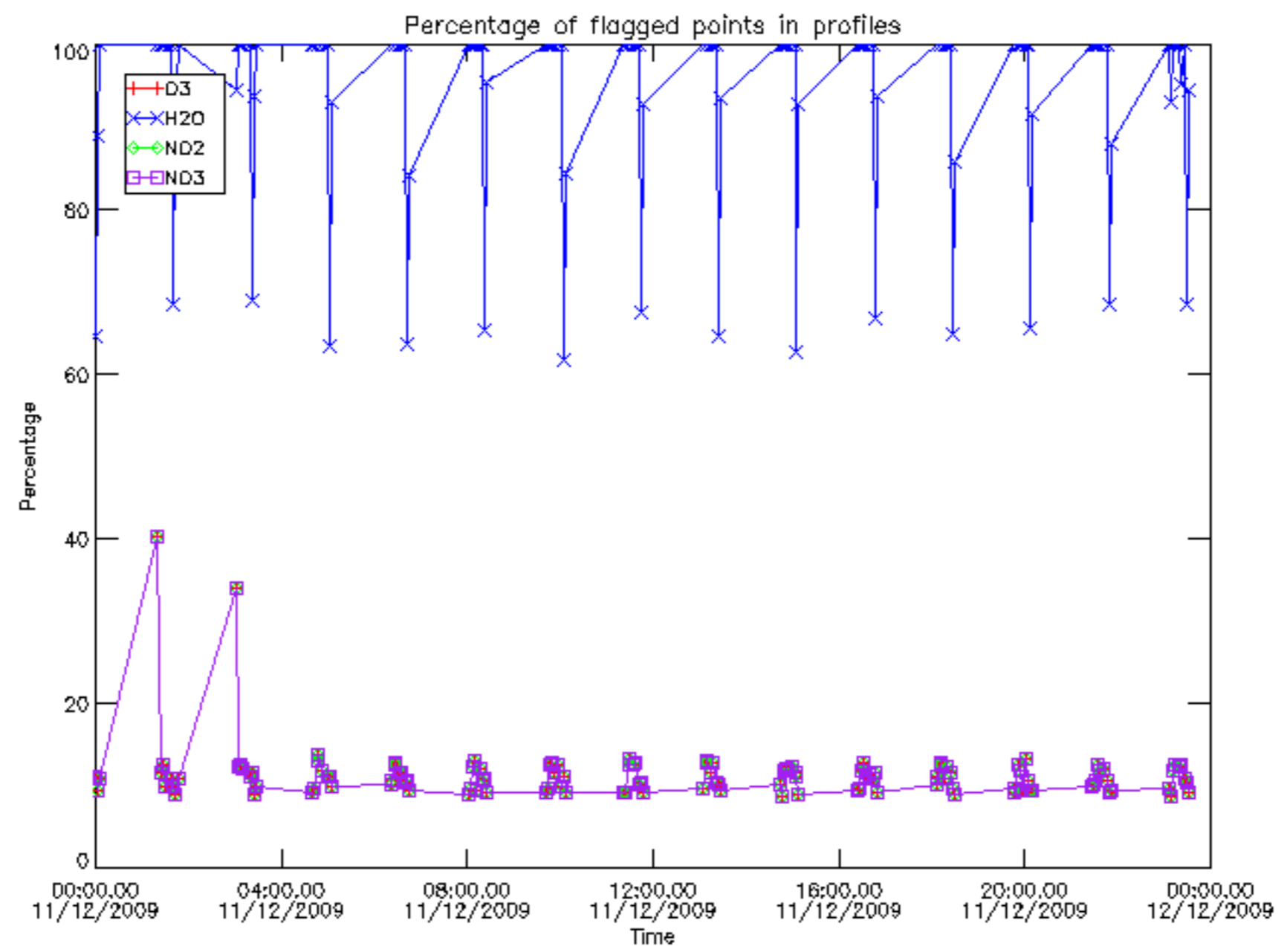




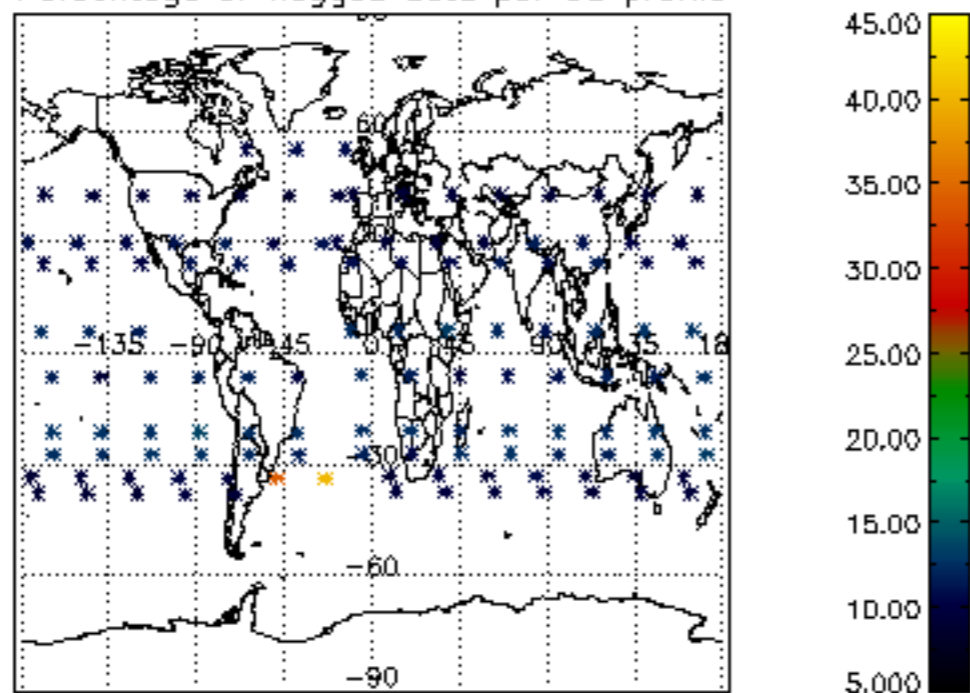




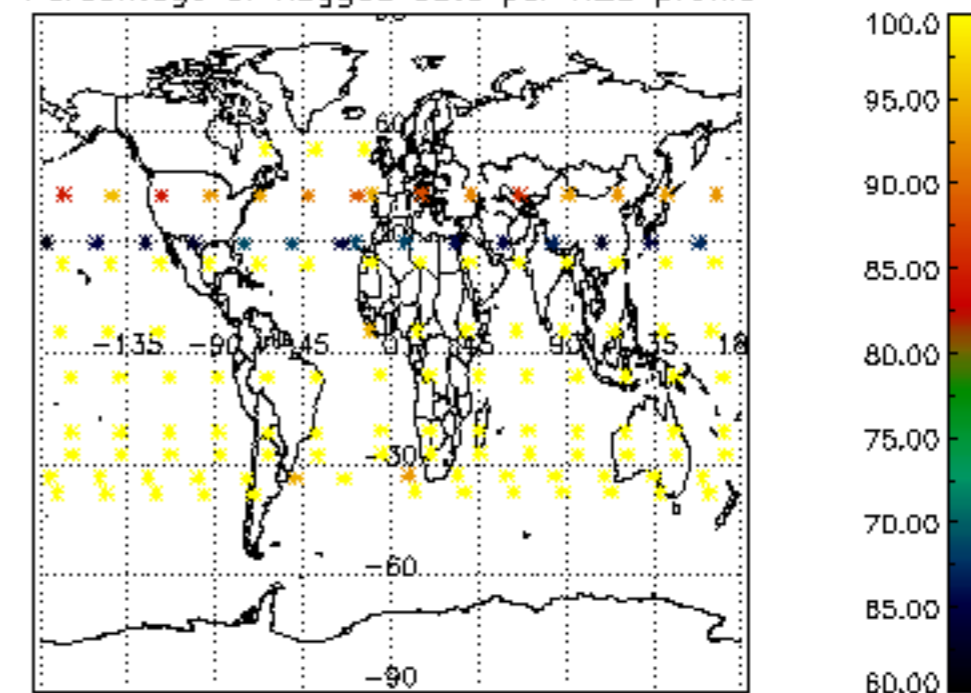




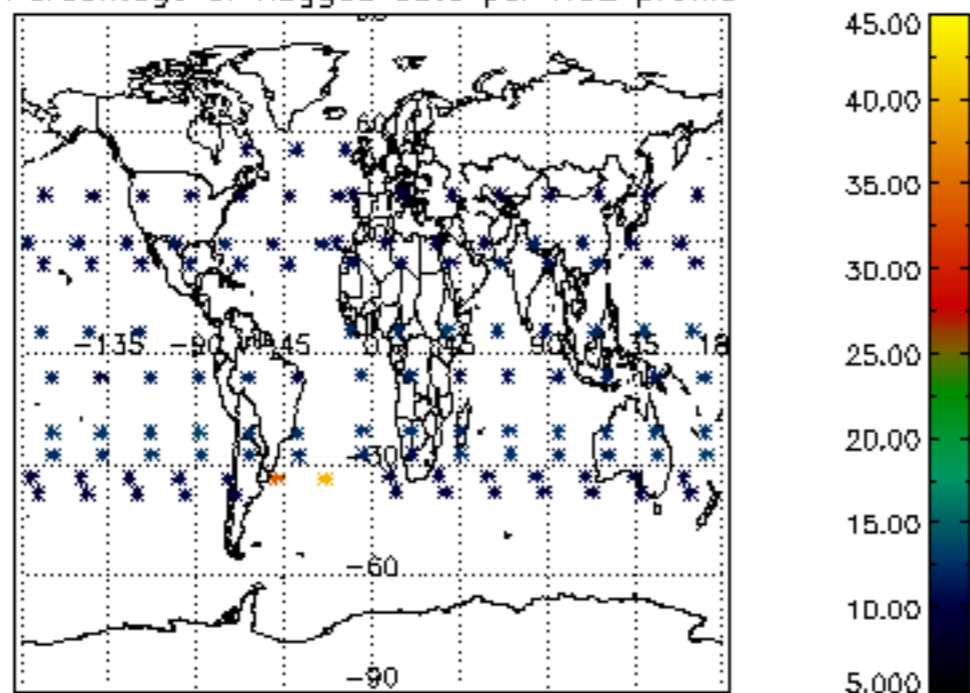
Percentage of flagged data per D3 profile



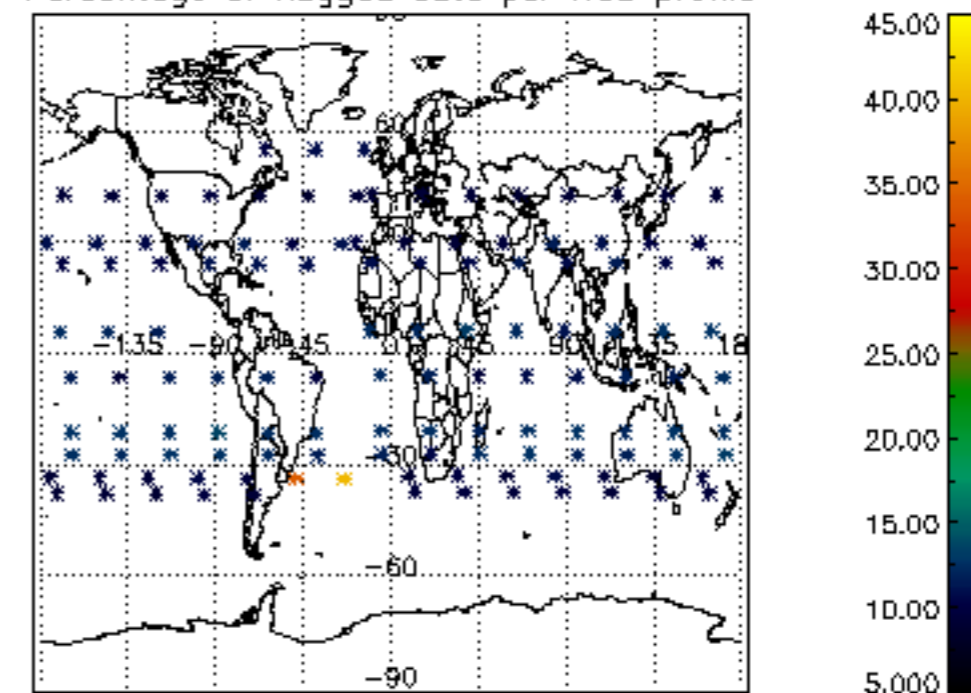
Percentage of flagged data per H2O profile

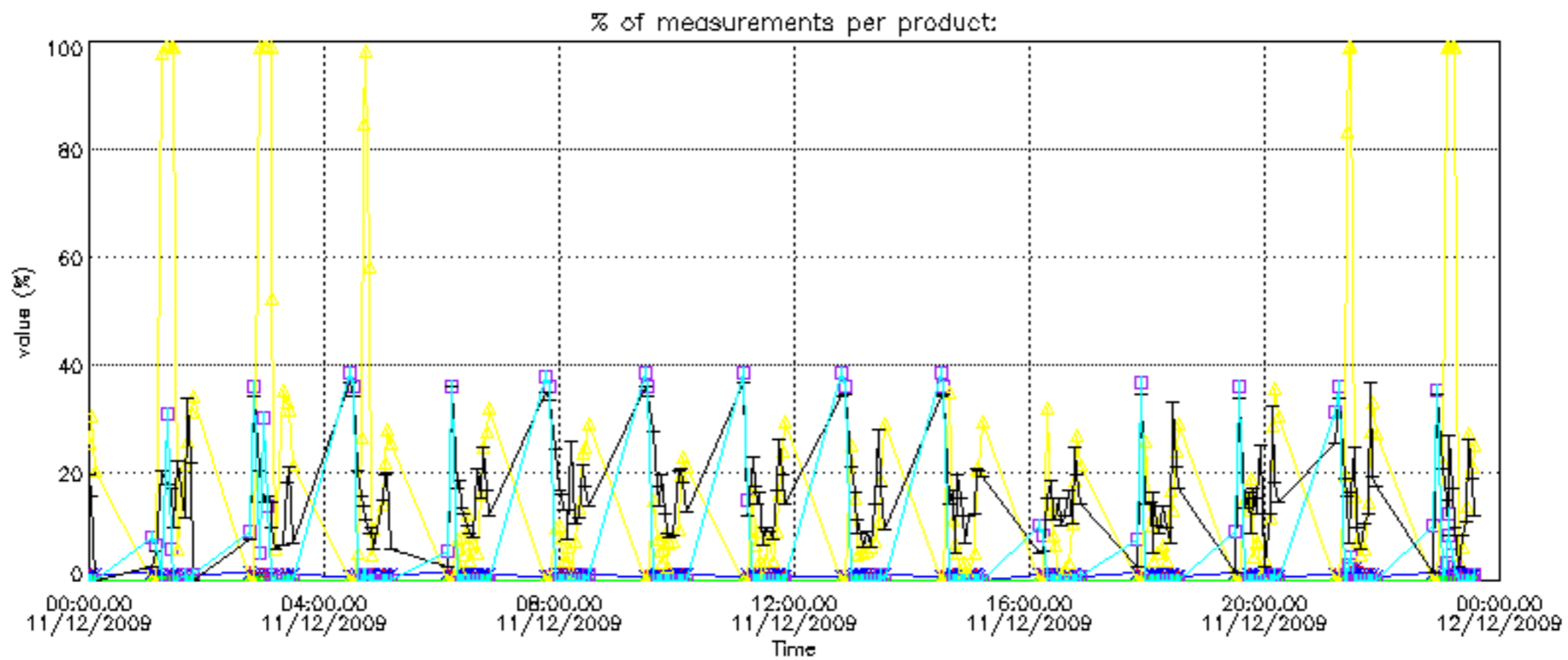


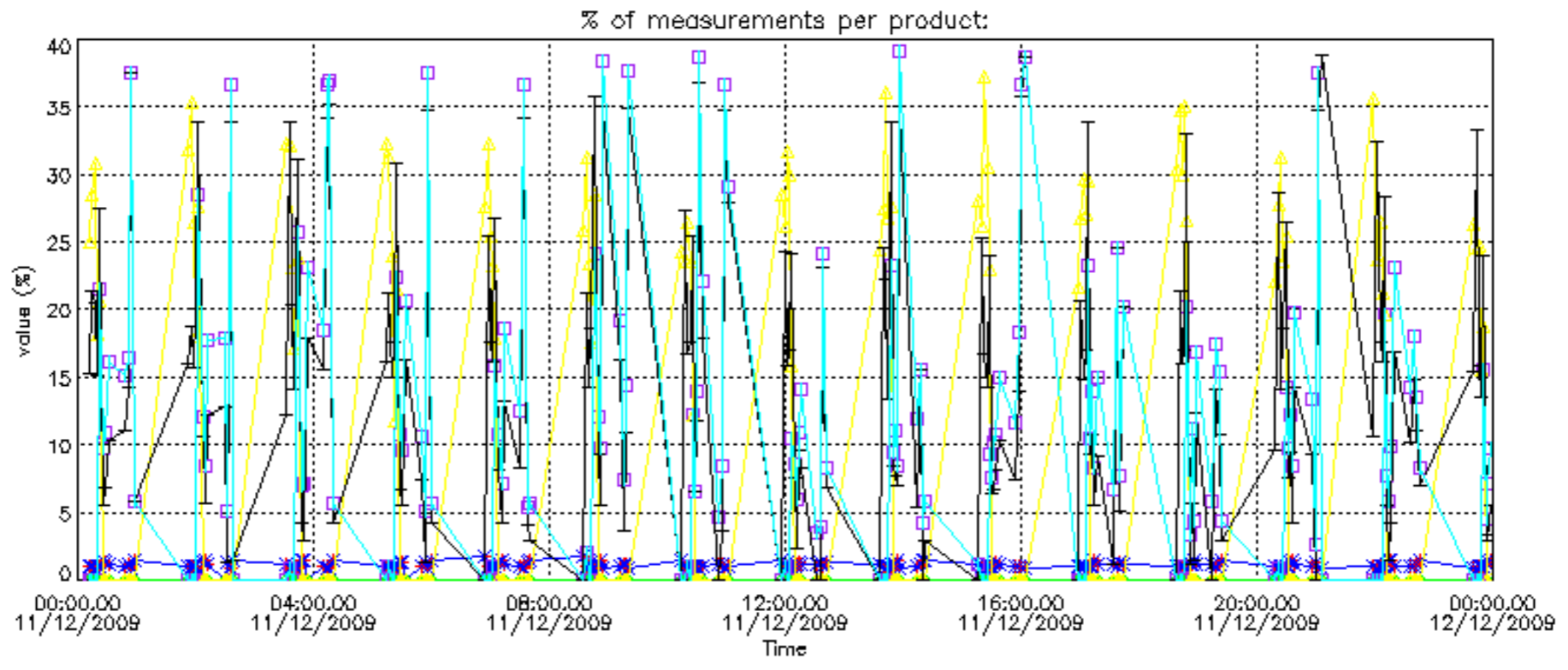
Percentage of flagged data per NO2 profile



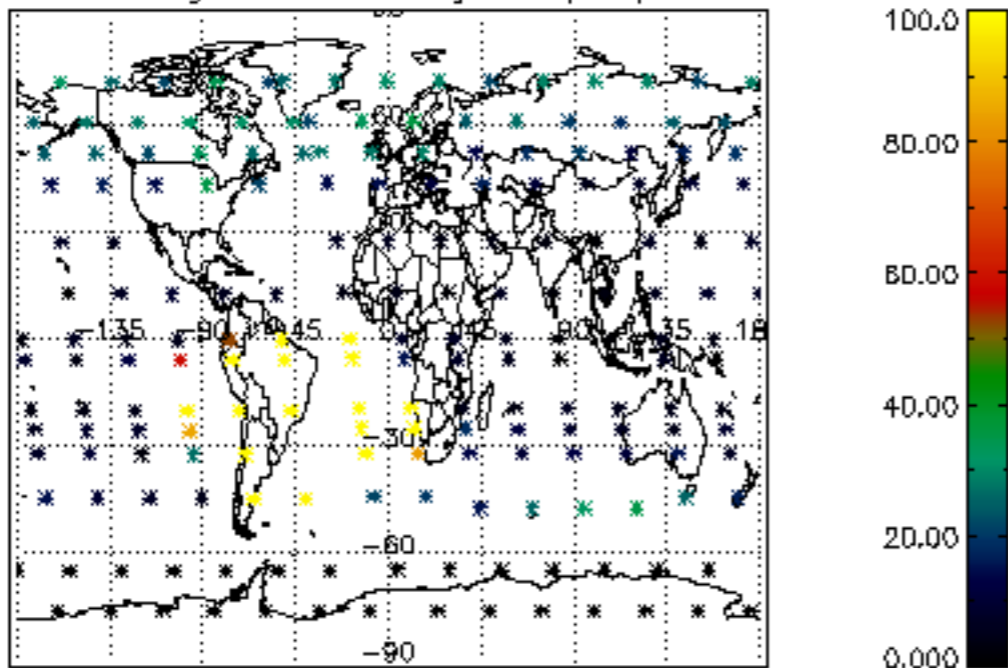
Percentage of flagged data per NO3 profile



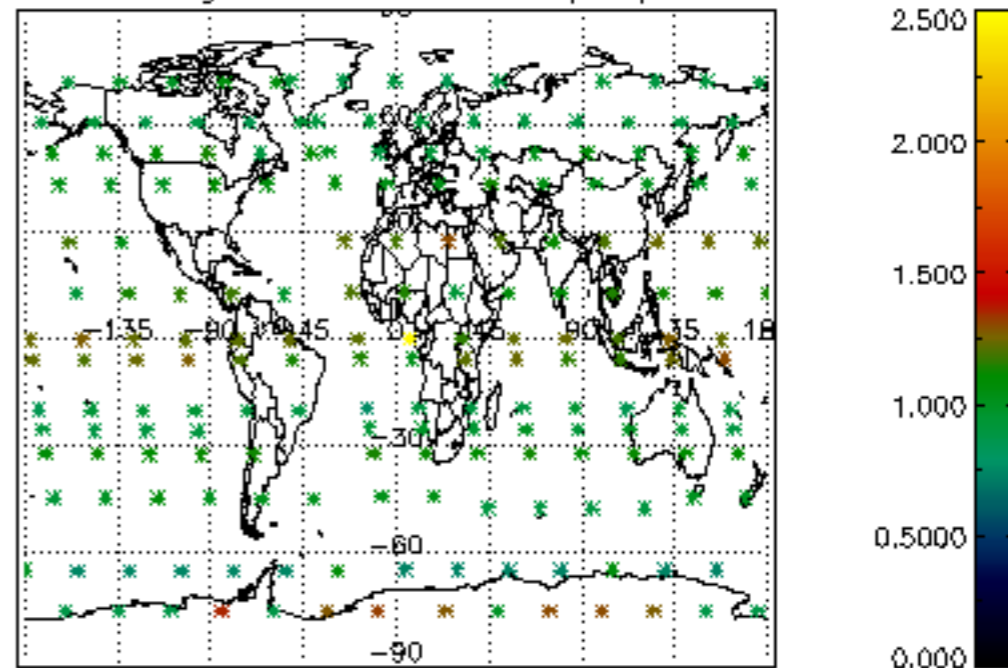




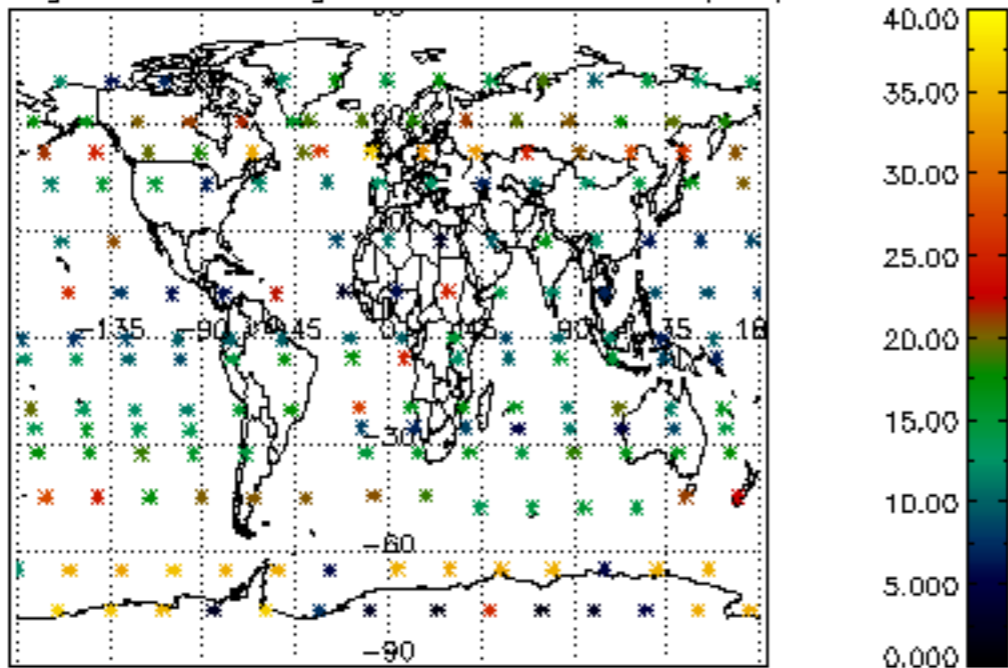
Percentage of cosmic ray hits per profile



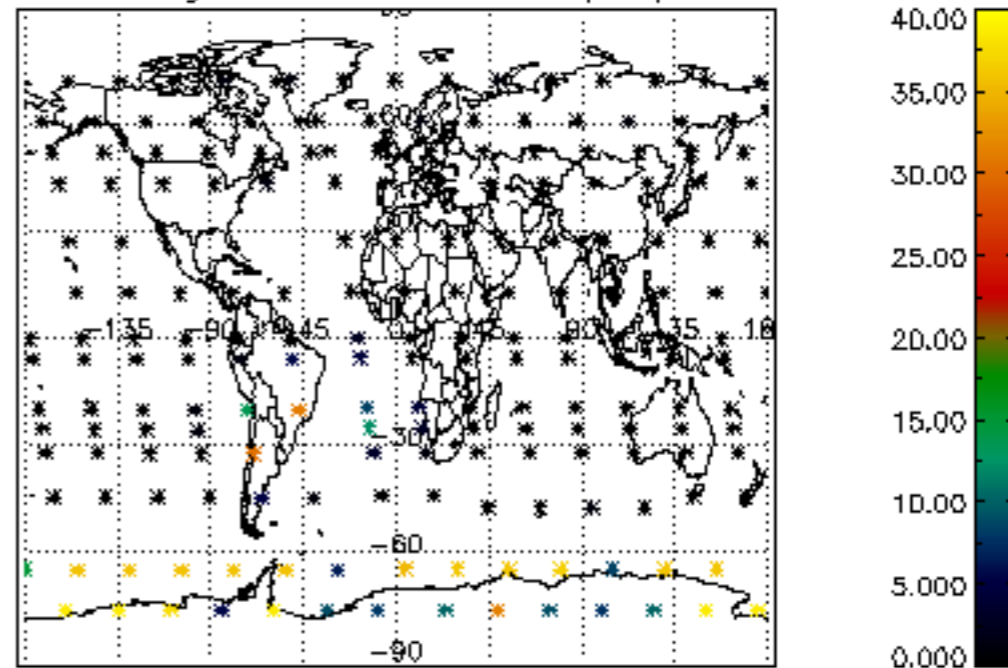
Percentage of datation errors per profile



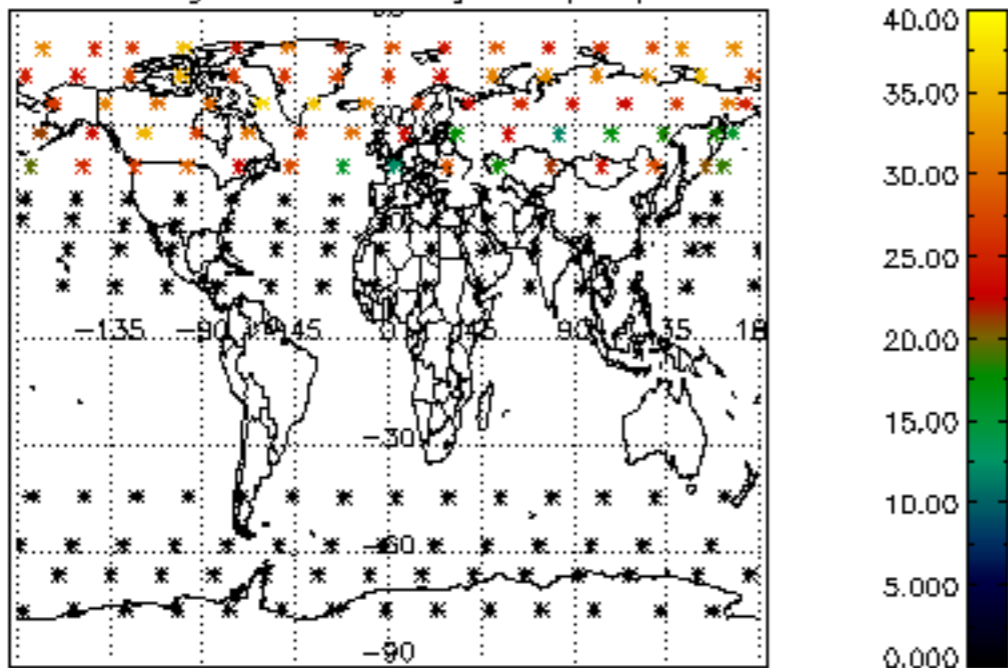
Percentage of star falling outside central band per profile



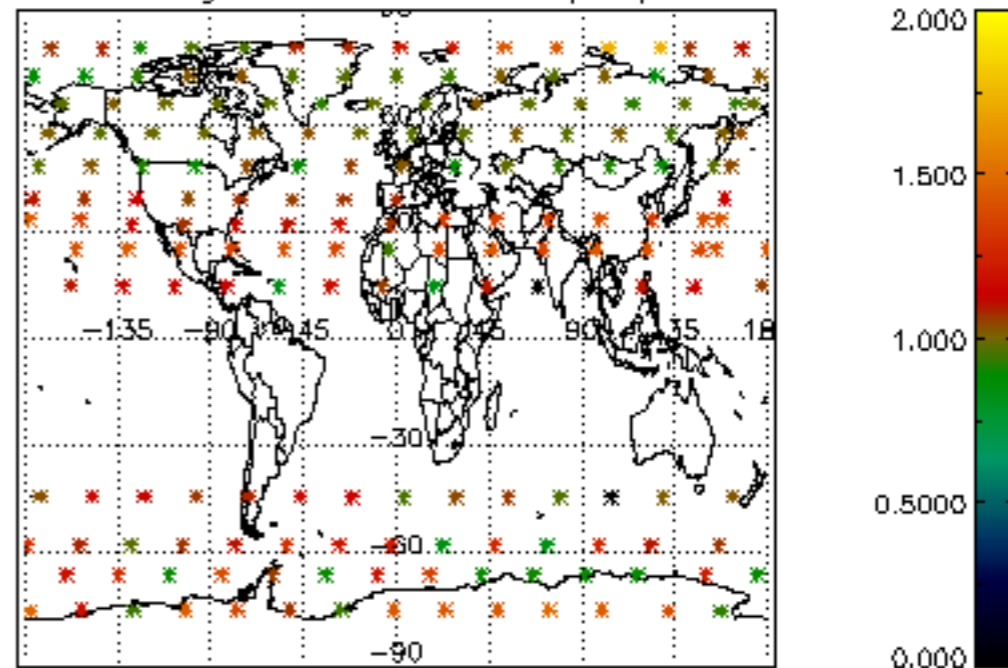
Percentage of saturation errors per profile



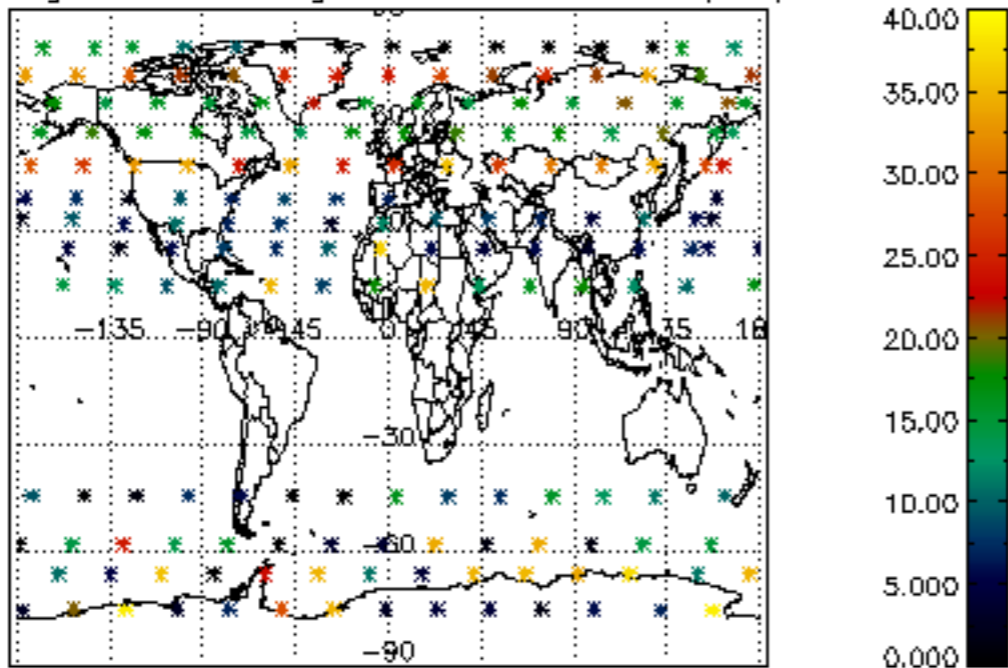
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

