

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	25APR2013 20:01:34
Data source version	GOMOS/6.01
Start time of products	17-09-2008 (17SEP2008 00:00:00)
Stop time of products	18-09-2008 (18SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	199
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

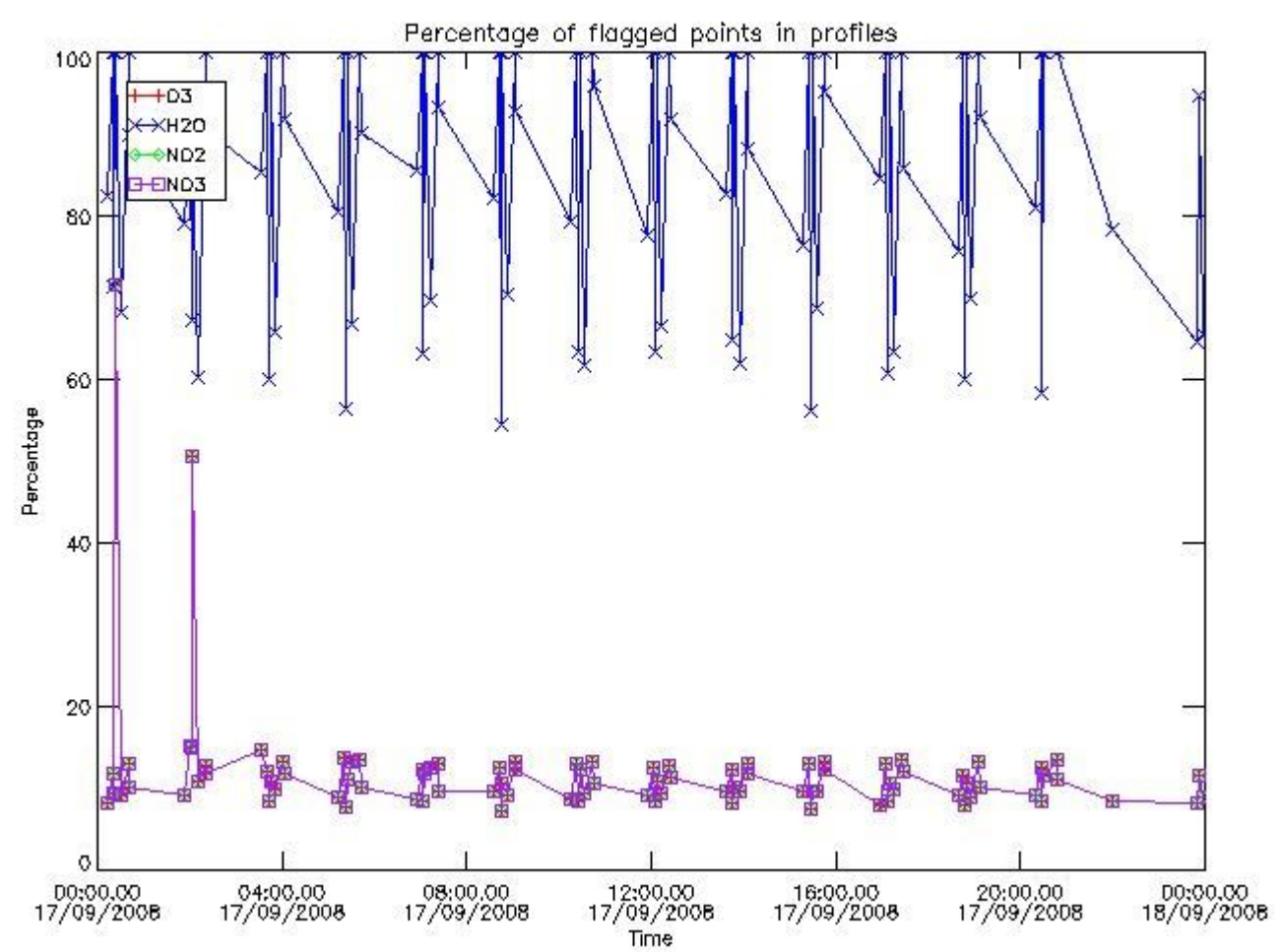
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080917_000304_000000462072_00116_34238_6512.N1	17-SEP-2008 00:03:04	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34238	No
2	GOM_NL__2PRFIN20080917_001153_000000632072_00116_34238_6513.N1	17-SEP-2008 00:11:53	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	34238	No
3	GOM_NL__2PRFIN20080917_001918_000000432072_00116_34238_6514.N1	17-SEP-2008 00:19:18	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34238	No
4	GOM_NL__2PRFIN20080917_002110_000000602072_00116_34238_6515.N1	17-SEP-2008 00:21:10	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	34238	No
5	GOM_NL__2PRFIN20080917_002319_000000502072_00116_34238_6516.N1	17-SEP-2008 00:23:19	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	34238	No
6	GOM_NL__2PRFIN20080917_002930_000000562072_00117_34239_6525.N1	17-SEP-2008 00:29:30	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	34239	No
7	GOM_NL__2PRFIN20080917_003943_000000402072_00117_34239_6526.N1	17-SEP-2008 00:39:43	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34239	No
8	GOM_NL__2PRFIN20080917_004109_000000502072_00117_34239_6527.N1	17-SEP-2008 00:41:09	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34239	No
9	GOM_NL__2PRFIN20080917_004651_000000412072_00117_34239_6528.N1	17-SEP-2008 00:46:51	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34239	No
10	GOM_NL__2PRFIN20080917_005426_000000592072_00117_34239_6529.N1	17-SEP-2008 00:54:26	Twilight_stray	58.500	52	16Bet Cet	2.0370	4500.0	117	34239	No
11	GOM_NL__2PRFIN20080917_010512_000000392072_00117_34239_6530.N1	17-SEP-2008 01:05:12	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34239	No
12	GOM_NL__2PRFIN20080917_010903_000000412072_00117_34239_6531.N1	17-SEP-2008 01:09:03	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	34239	No
13	GOM_NL__2PRFIN20080917_011100_000000452072_00117_34239_6532.N1	17-SEP-2008 01:11:00	Bright	44.500	58	21Alp And	2.0730	11000.	89	34239	No
14	GOM_NL__2PRFIN20080917_011915_000000412072_00117_34239_6533.N1	17-SEP-2008 01:19:15	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34239	No
15	GOM_NL__2PRFIN20080917_012100_000000392072_00117_34239_6534.N1	17-SEP-2008 01:21:00	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34239	No
16	GOM_NL__2PRFIN20080917_014340_000000452072_00117_34239_6535.N1	17-SEP-2008 01:43:40	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34239	No
17	GOM_NL__2PRFIN20080917_015230_000000552072_00117_34239_6536.N1	17-SEP-2008 01:52:30	Dark	54.500	8	10Alp CMi	0.40000	6500.0	109	34239	No
18	GOM_NL__2PRFIN20080917_015954_000000412072_00117_34239_6537.N1	17-SEP-2008 01:59:54	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	34239	No
19	GOM_NL__2PRFIN20080917_020147_000000652072_00117_34239_6538.N1	17-SEP-2008 02:01:47	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	34239	No
20	GOM_NL__2PRFIN20080917_020355_000000472072_00117_34239_6539.N1	17-SEP-2008 02:03:55	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34239	No
21	GOM_NL__2PRFIN20080917_021007_000000472072_00118_34240_6544.N1	17-SEP-2008 02:10:07	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	34240	No
22	GOM_NL__2PRFIN20080917_022020_000000402072_00118_34240_6545.N1	17-SEP-2008 02:20:20	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	34240	No
23	GOM_NL__2PRFIN20080917_022146_000000432072_00118_34240_6546.N1	17-SEP-2008 02:21:46	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34240	No
24	GOM_NL__2PRFIN20080917_022727_000000422072_00118_34240_6547.N1	17-SEP-2008 02:27:27	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34240	No
25	GOM_NL__2PRFIN20080917_023502_000000592072_00118_34240_6548.N1	17-SEP-2008 02:35:02	Twilight_stray	58.500	52	16Bet Cet	2.0370	4500.0	117	34240	No
26	GOM_NL__2PRFIN20080917_024548_000000402072_00118_34240_6549.N1	17-SEP-2008 02:45:48	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34240	No
27	GOM_NL__2PRFIN20080917_024939_000000412072_00118_34240_6550.N1	17-SEP-2008 02:49:39	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34240	No
28	GOM_NL__2PRFIN20080917_025135_000000472072_00118_34240_6551.N1	17-SEP-2008 02:51:35	Bright	46.500	58	21Alp And	2.0730	11000.	93	34240	No
29	GOM_NL__2PRFIN20080917_025950_000000402072_00118_34240_6552.N1	17-SEP-2008 02:59:50	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34240	No
30	GOM_NL__2PRFIN20080917_030136_000000412072_00118_34240_6553.N1	17-SEP-2008 03:01:36	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34240	No
31	GOM_NL__2PRFIN20080917_032416_000000482072_00118_34240_6554.N1	17-SEP-2008 03:24:16	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	34240	No
32	GOM_NL__2PRFIN20080917_033306_000000482072_00118_34240_6555.N1	17-SEP-2008 03:33:06	Dark	48.000	8	10Alp CMi	0.40000	6500.0	96	34240	No
33	GOM_NL__2PRFIN20080917_034031_000000432072_00118_34240_6556.N1	17-SEP-2008 03:40:31	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34240	No
34	GOM_NL__2PRFIN20080917_034224_000000662072_00118_34240_6557.N1	17-SEP-2008 03:42:24	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	34240	No
35	GOM_NL__2PRFIN20080917_034432_000000472072_00118_34240_6558.N1	17-SEP-2008 03:44:32	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34240	No
36	GOM_NL__2PRFIN20080917_035044_000000562072_00119_34241_6578.N1	17-SEP-2008 03:50:44	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	34241	No
37	GOM_NL__2PRFIN20080917_040056_000000392072_00119_34241_6579.N1	17-SEP-2008 04:00:56	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34241	No
38	GOM_NL__2PRFIN20080917_040222_000000432072_00119_34241_6580.N1	17-SEP-2008 04:02:22	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34241	No
39	GOM_NL__2PRFIN20080917_040804_000000462072_00119_34241_6581.N1	17-SEP-2008 04:08:04	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34241	No
40	GOM_NL__2PRFIN20080917_041538_000000572072_00119_34241_6582.N1	17-SEP-2008 04:15:38	Twilight_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34241	No
41	GOM_NL__2PRFIN20080917_042624_000000392072_00119_34241_6583.N1	17-SEP-2008 04:26:24	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34241	No
42	GOM_NL__2PRFIN20080917_043015_000000402072_00119_34241_6584.N1	17-SEP-2008 04:30:15	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34241	No

161	GOM_NL__2PRFIN20080917_175110_000000392072_00127_34249_6775.N1	17-SEP-2008 17:51:10	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34249	No
162	GOM_NL__2PRFIN20080917_175500_000000412072_00127_34249_6776.N1	17-SEP-2008 17:55:00	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34249	No
163	GOM_NL__2PRFIN20080917_175653_000000462072_00127_34249_6777.N1	17-SEP-2008 17:56:53	Bright	46.000	58	21Alp And	2.0730	11000.	92	34249	No
164	GOM_NL__2PRFIN20080917_180510_000000412072_00127_34249_6778.N1	17-SEP-2008 18:05:10	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34249	No
165	GOM_NL__2PRFIN20080917_180655_000000432072_00127_34249_6779.N1	17-SEP-2008 18:06:55	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34249	No
166	GOM_NL__2PRFIN20080917_182941_000000452072_00127_34249_6780.N1	17-SEP-2008 18:29:41	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34249	No
167	GOM_NL__2PRFIN20080917_183835_000000562072_00127_34249_6781.N1	17-SEP-2008 18:38:35	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	34249	No
168	GOM_NL__2PRFIN20080917_184559_000000452072_00127_34249_6782.N1	17-SEP-2008 18:45:59	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34249	No
169	GOM_NL__2PRFIN20080917_184758_000000642072_00127_34249_6783.N1	17-SEP-2008 18:47:58	Dark	64.000	1	9Alp CMa	-1.4400	11000.	128	34249	No
170	GOM_NL__2PRFIN20080917_185004_000000482072_00127_34249_6784.N1	17-SEP-2008 18:50:04	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34249	No
171	GOM_NL__2PRFIN20080917_185613_000000572072_00128_34250_6790.N1	17-SEP-2008 18:56:13	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34250	No
172	GOM_NL__2PRFIN20080917_190624_000000392072_00128_34250_6791.N1	17-SEP-2008 19:06:24	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34250	No
173	GOM_NL__2PRFIN20080917_190750_000000512072_00128_34250_6792.N1	17-SEP-2008 19:07:50	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34250	No
174	GOM_NL__2PRFIN20080917_191331_000000462072_00128_34250_6793.N1	17-SEP-2008 19:13:31	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34250	No
175	GOM_NL__2PRFIN20080917_192103_000000522072_00128_34250_6794.N1	17-SEP-2008 19:21:03	Twilight_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	34250	No
176	GOM_NL__2PRFIN20080917_193146_000000392072_00128_34250_6795.N1	17-SEP-2008 19:31:46	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34250	No
177	GOM_NL__2PRFIN20080917_193536_000000402072_00128_34250_6796.N1	17-SEP-2008 19:35:36	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34250	No
178	GOM_NL__2PRFIN20080917_193728_000000442072_00128_34250_6797.N1	17-SEP-2008 19:37:28	Bright	44.000	58	21Alp And	2.0730	11000.	88	34250	No
179	GOM_NL__2PRFIN20080917_194546_000000402072_00128_34250_6798.N1	17-SEP-2008 19:45:46	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34250	No
180	GOM_NL__2PRFIN20080917_194730_000000422072_00128_34250_6799.N1	17-SEP-2008 19:47:30	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34250	No
181	GOM_NL__2PRFIN20080917_201017_000000452072_00128_34250_6800.N1	17-SEP-2008 20:10:17	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34250	No
182	GOM_NL__2PRFIN20080917_201911_000000562072_00128_34250_6801.N1	17-SEP-2008 20:19:11	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34250	No
183	GOM_NL__2PRFIN20080917_202636_000000412072_00128_34250_6802.N1	17-SEP-2008 20:26:36	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34250	No
184	GOM_NL__2PRFIN20080917_202835_000000672072_00128_34250_6803.N1	17-SEP-2008 20:28:35	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	34250	No
185	GOM_NL__2PRFIN20080917_203041_000000482072_00128_34250_6804.N1	17-SEP-2008 20:30:41	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34250	No
186	GOM_NL__2PRFIN20080917_204700_000000382072_00129_34251_6833.N1	17-SEP-2008 20:47:00	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34251	No
187	GOM_NL__2PRFIN20080917_204827_000000502072_00129_34251_6834.N1	17-SEP-2008 20:48:27	Dark	49.500	9	Alp Eri	0.45300	24000.	99	34251	No
188	GOM_NL__2PRFIN20080917_205407_000000472072_00129_34251_6835.N1	17-SEP-2008 20:54:07	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	34251	No
189	GOM_NL__2PRFIN20080917_210139_000000572072_00129_34251_6836.N1	17-SEP-2008 21:01:39	Twilight_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34251	No
190	GOM_NL__2PRFIN20080917_211222_000000382072_00129_34251_6837.N1	17-SEP-2008 21:12:22	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34251	No
191	GOM_NL__2PRFIN20080917_211612_000000402072_00129_34251_6838.N1	17-SEP-2008 21:16:12	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34251	No
192	GOM_NL__2PRFIN20080917_211804_000000462072_00129_34251_6839.N1	17-SEP-2008 21:18:04	Bright	46.000	58	21Alp And	2.0730	11000.	92	34251	No
193	GOM_NL__2PRFIN20080917_212621_000000422072_00129_34251_6840.N1	17-SEP-2008 21:26:21	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34251	No
194	GOM_NL__2PRFIN20080917_212805_000000432072_00129_34251_6841.N1	17-SEP-2008 21:28:05	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34251	No
195	GOM_NL__2PRFIN20080917_215053_000000462072_00129_34251_6842.N1	17-SEP-2008 21:50:53	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34251	No
196	GOM_NL__2PRFIN20080917_215948_000000602072_00129_34251_6843.N1	17-SEP-2008 21:59:48	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34251	No
197	GOM_NL__2PRFIN20080917_234949_000000632072_00130_34252_6855.N1	17-SEP-2008 23:49:49	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	34252	No
198	GOM_NL__2PRFIN20080917_235154_000000482072_00130_34252_6856.N1	17-SEP-2008 23:51:54	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34252	No
199	GOM_NL__2PRFIN20080917_235803_000000572072_00131_34253_6875.N1	17-SEP-2008 23:58:03	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34253	No

3. Quality information per product

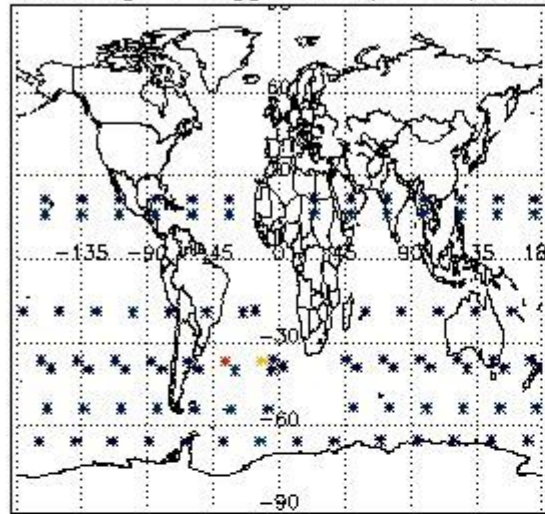
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

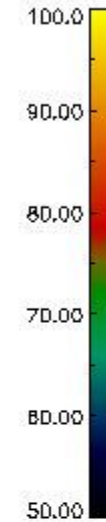
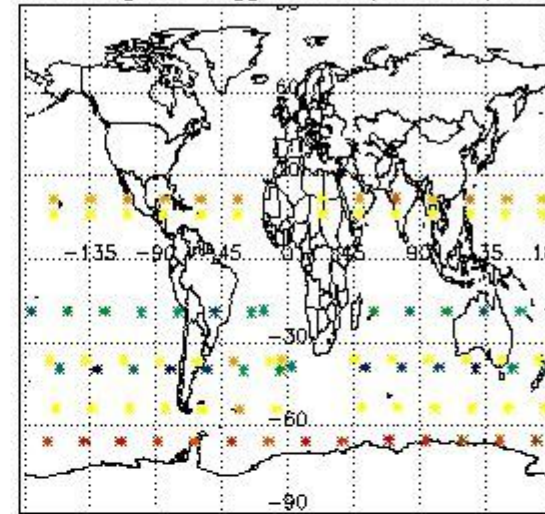


3.2 Plot quality information per product (world map)

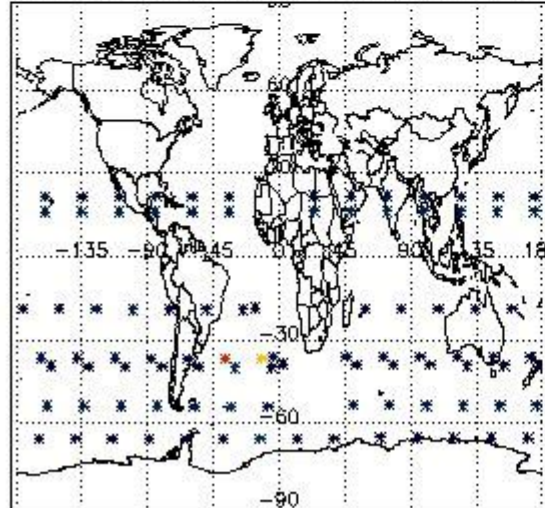
Percentage of flagged data per O3 profile



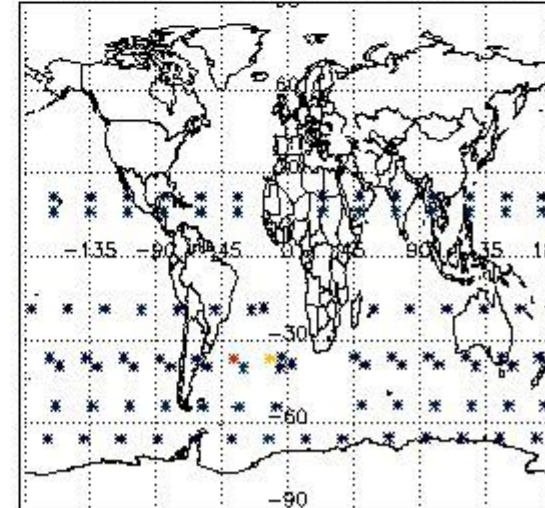
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

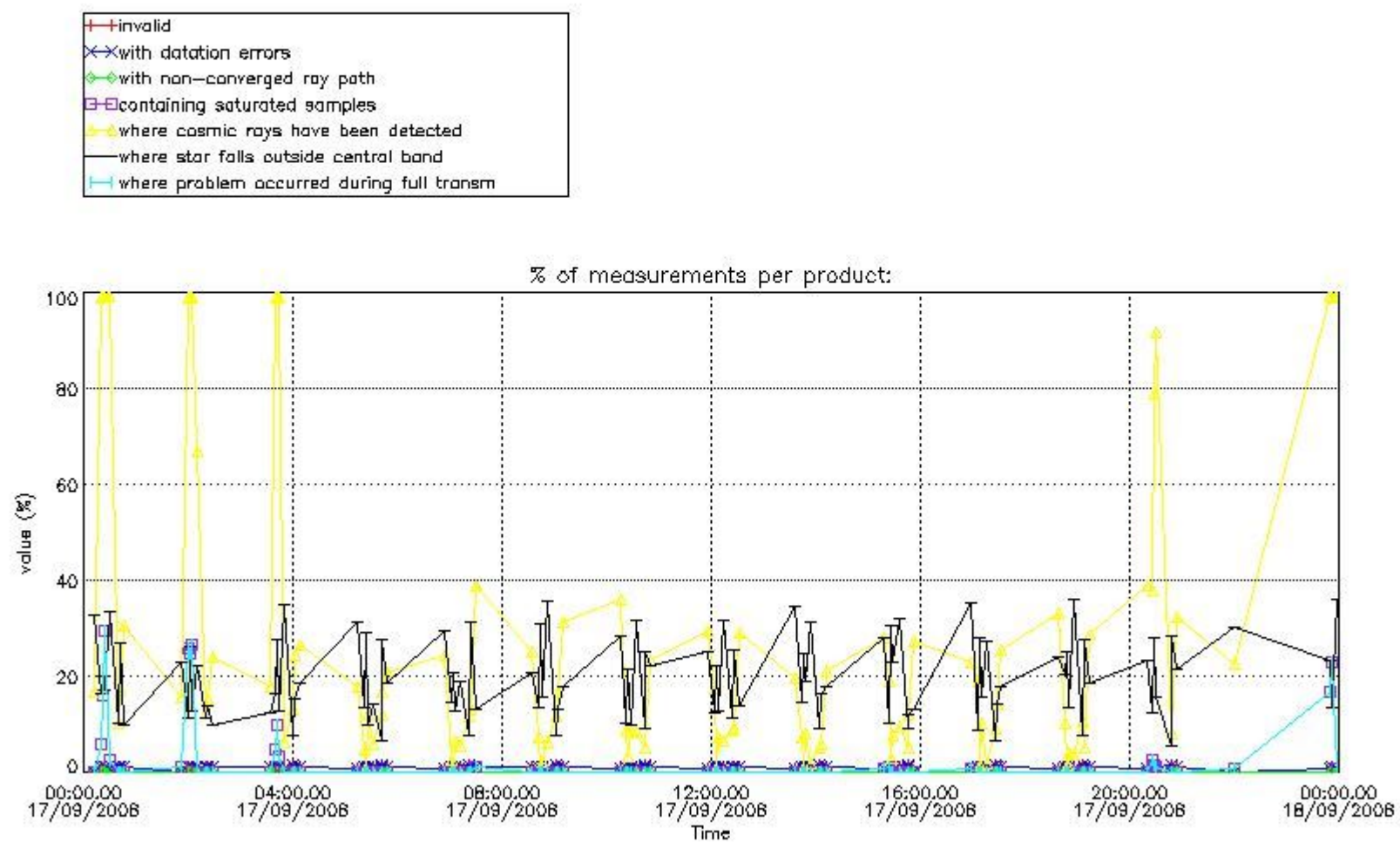


4. Level 1 quality information per product

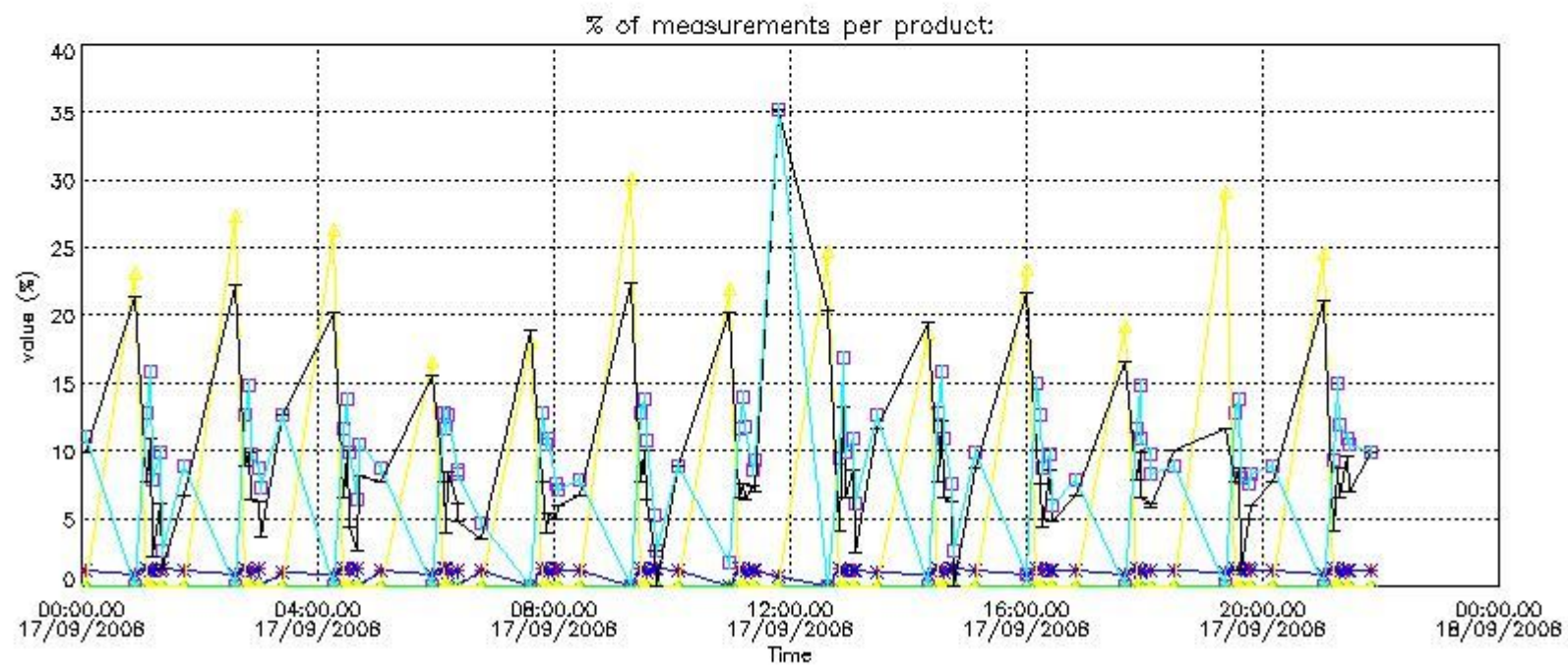
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



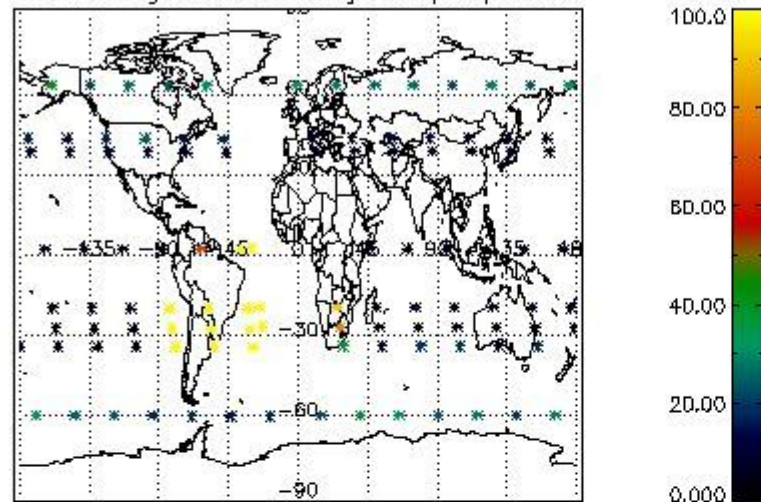
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



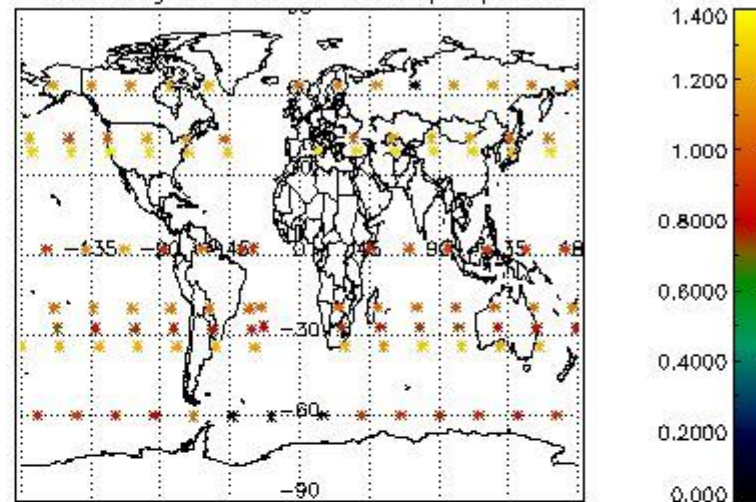
4.2 Plot quality information per product coming from level 1b processing (world map)

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

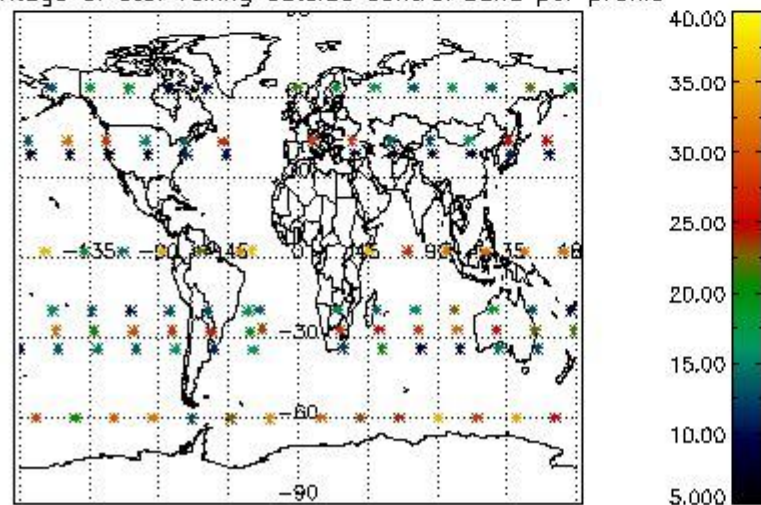
Percentage of cosmic ray hits per profile



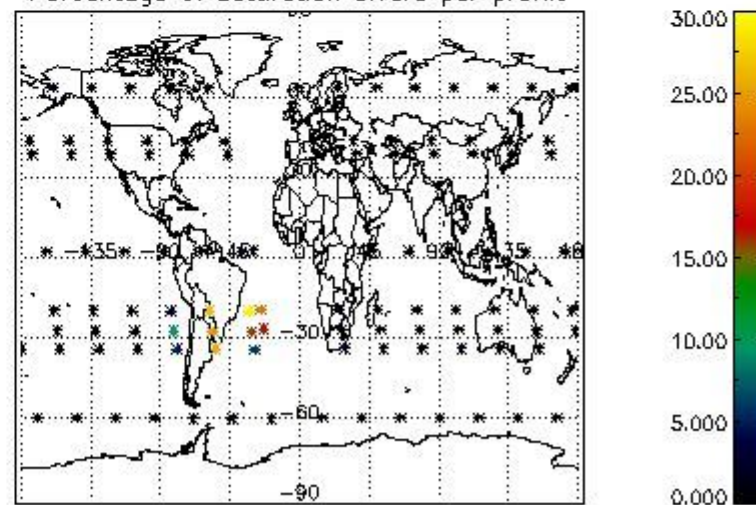
Percentage of datation errors per profile



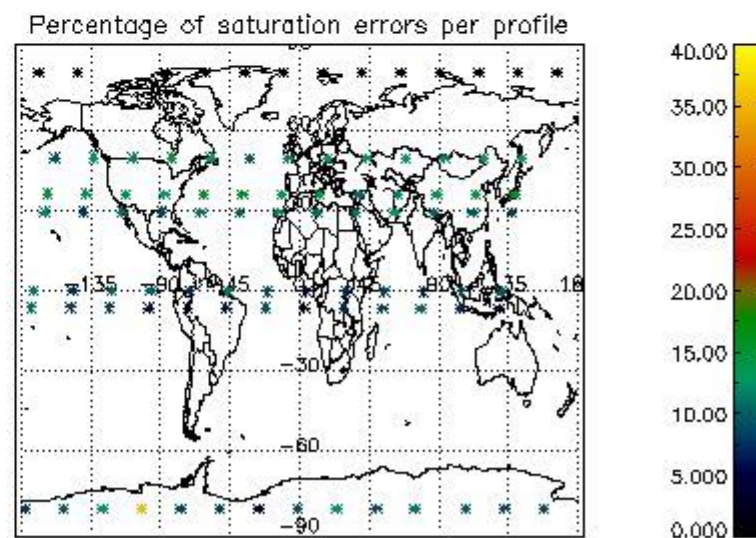
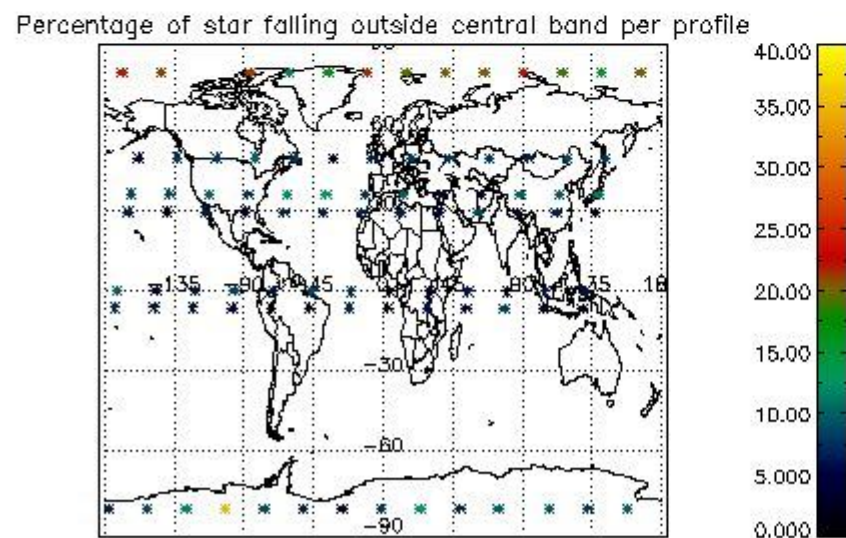
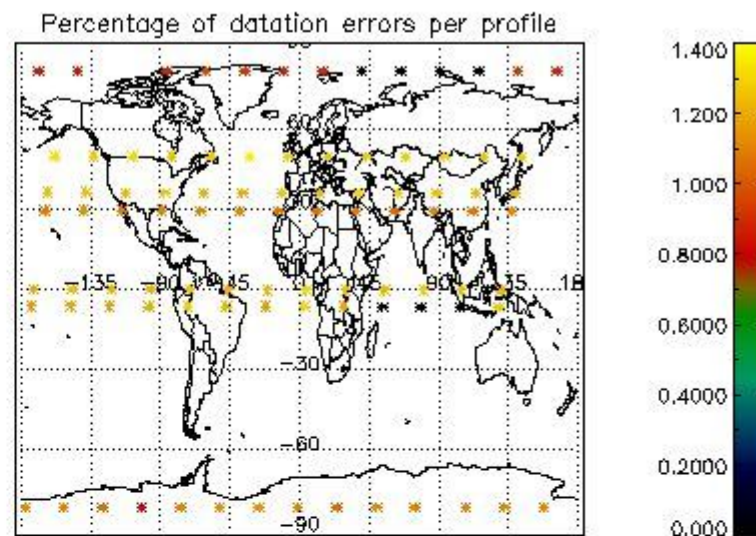
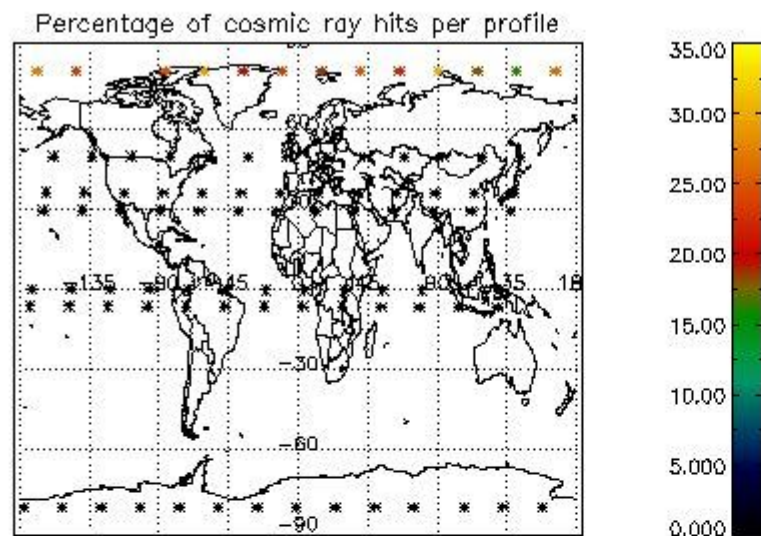
Percentage of star falling outside central band per profile



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

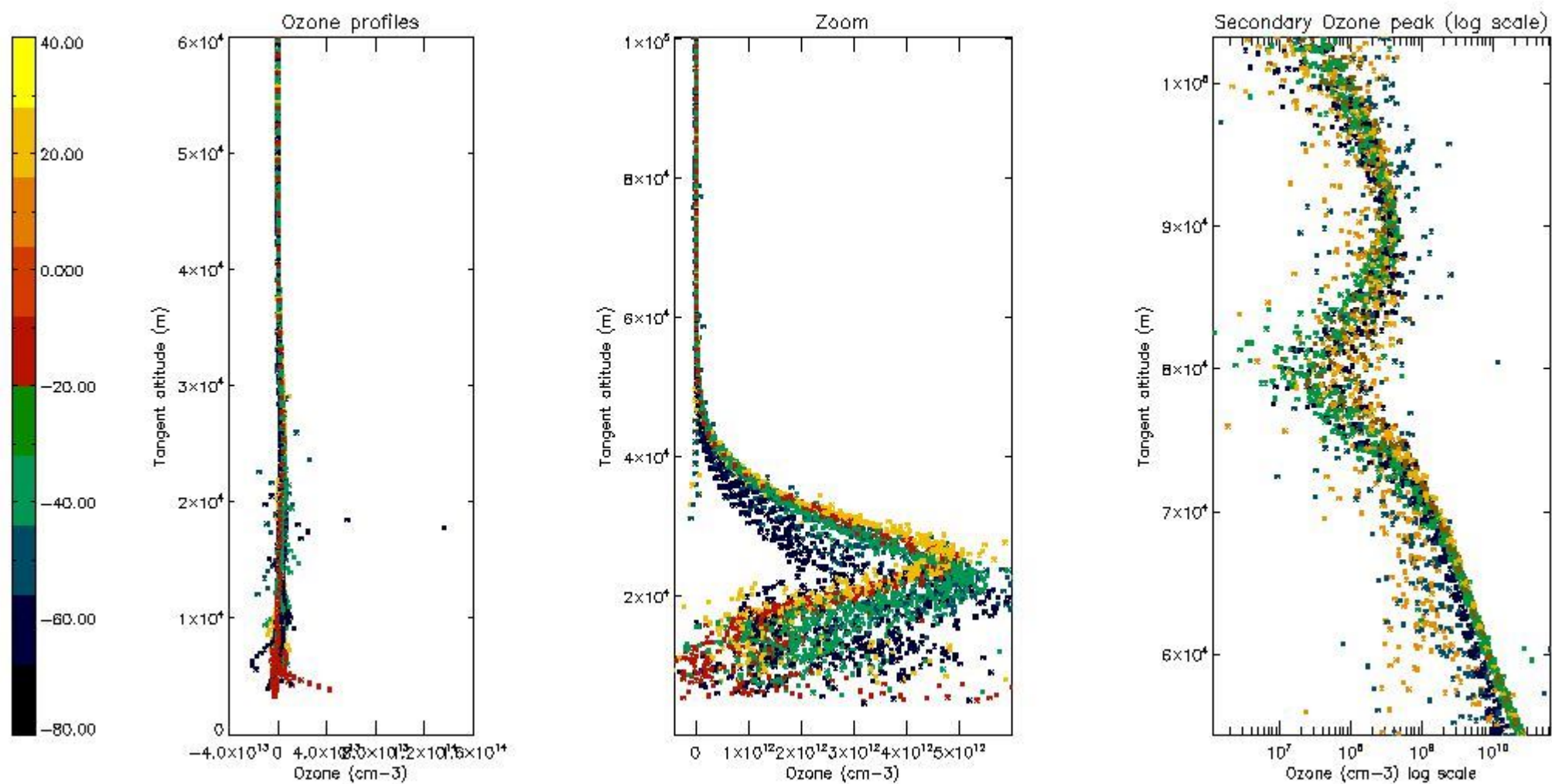
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	51
STD < 20	32

STD < 10	26
STD < 5	20

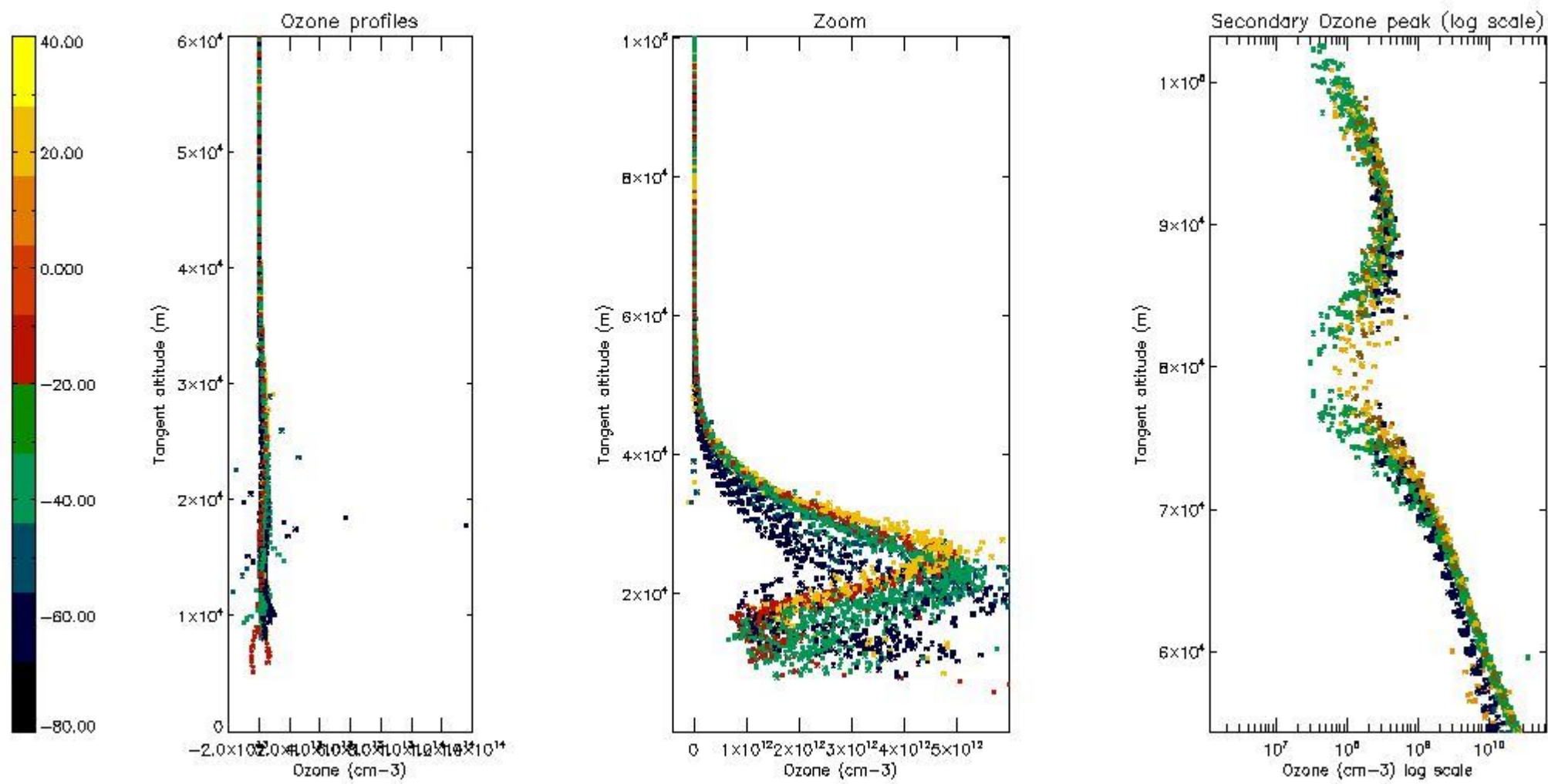
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



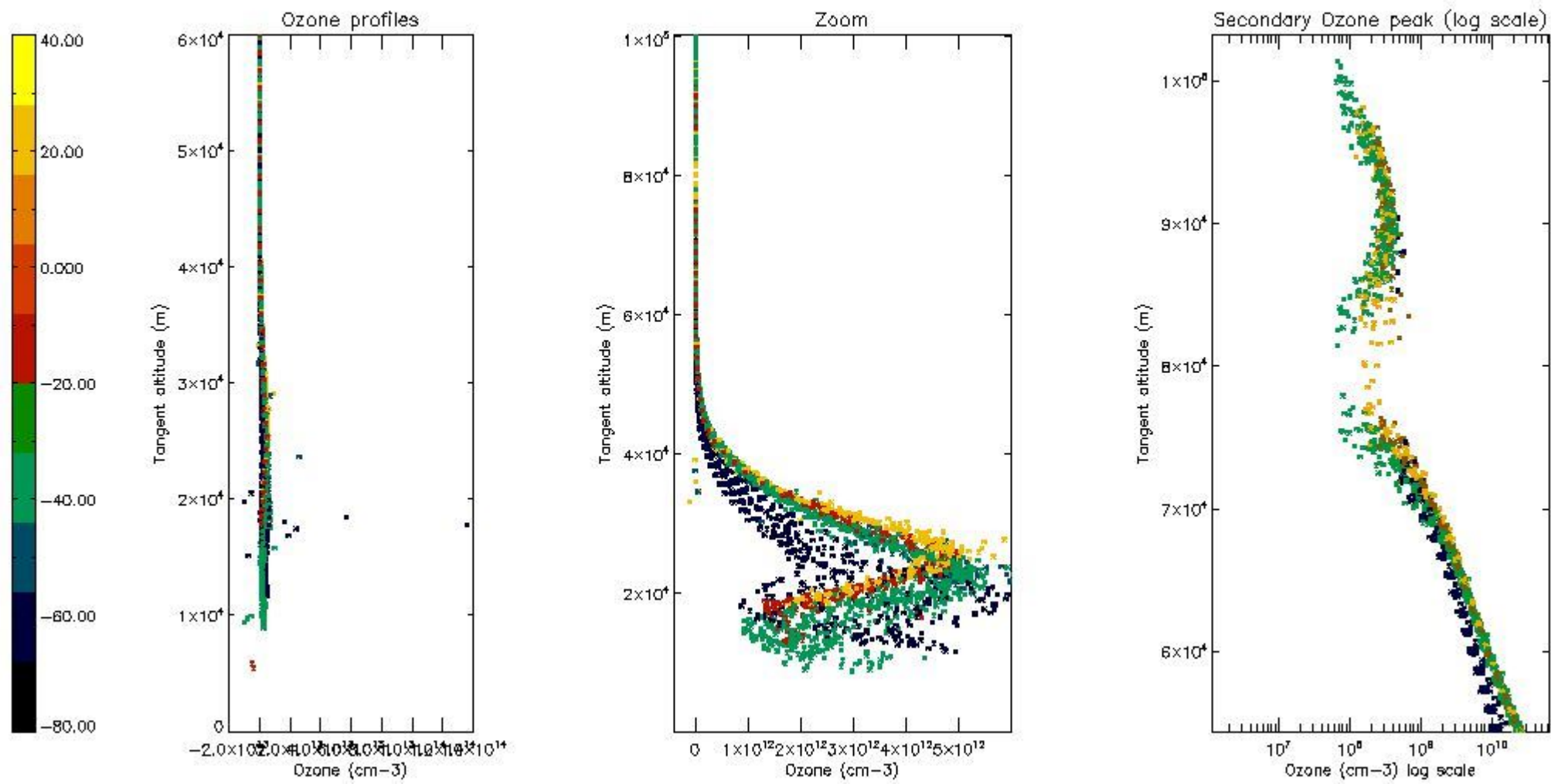
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



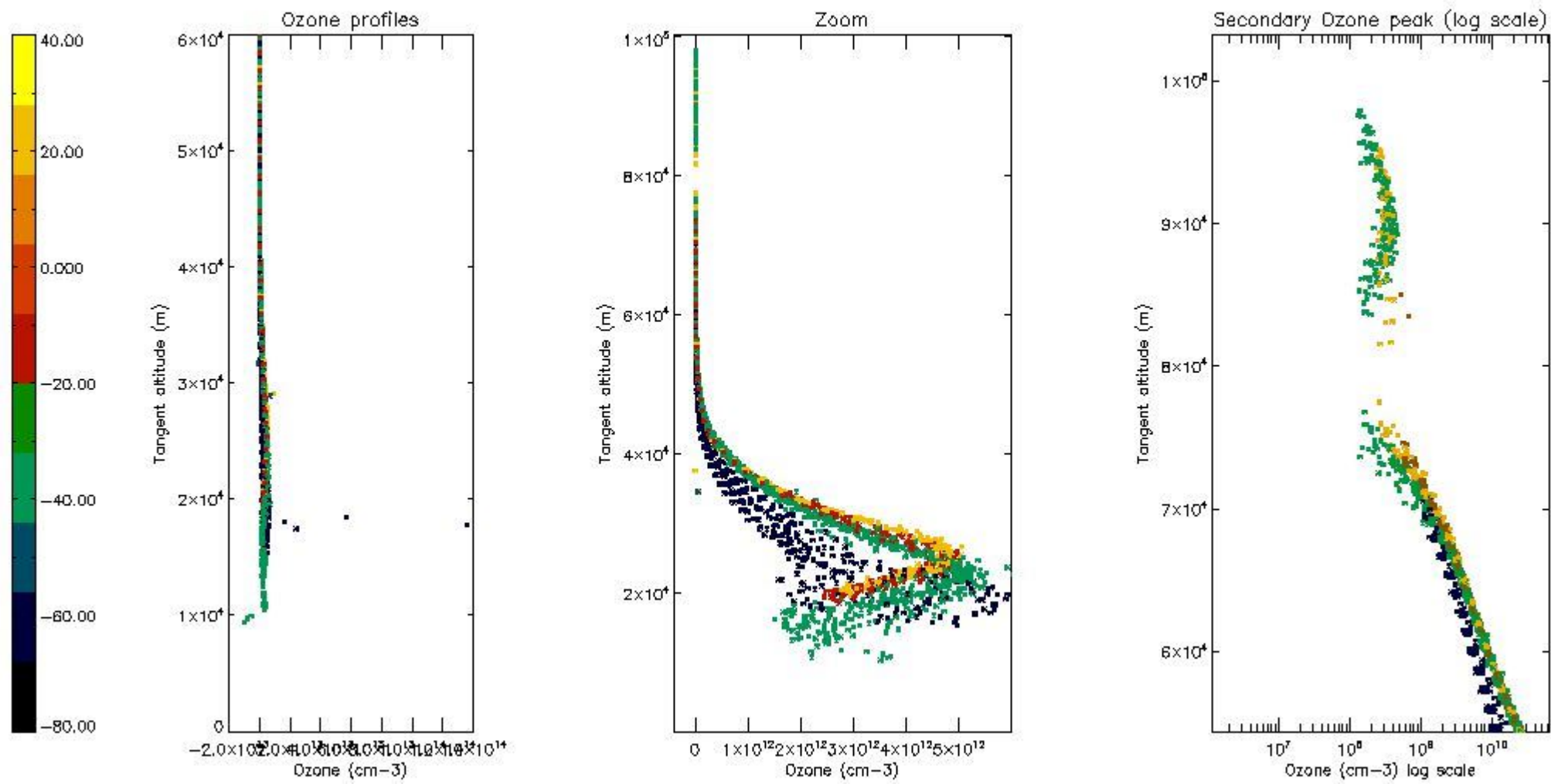
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



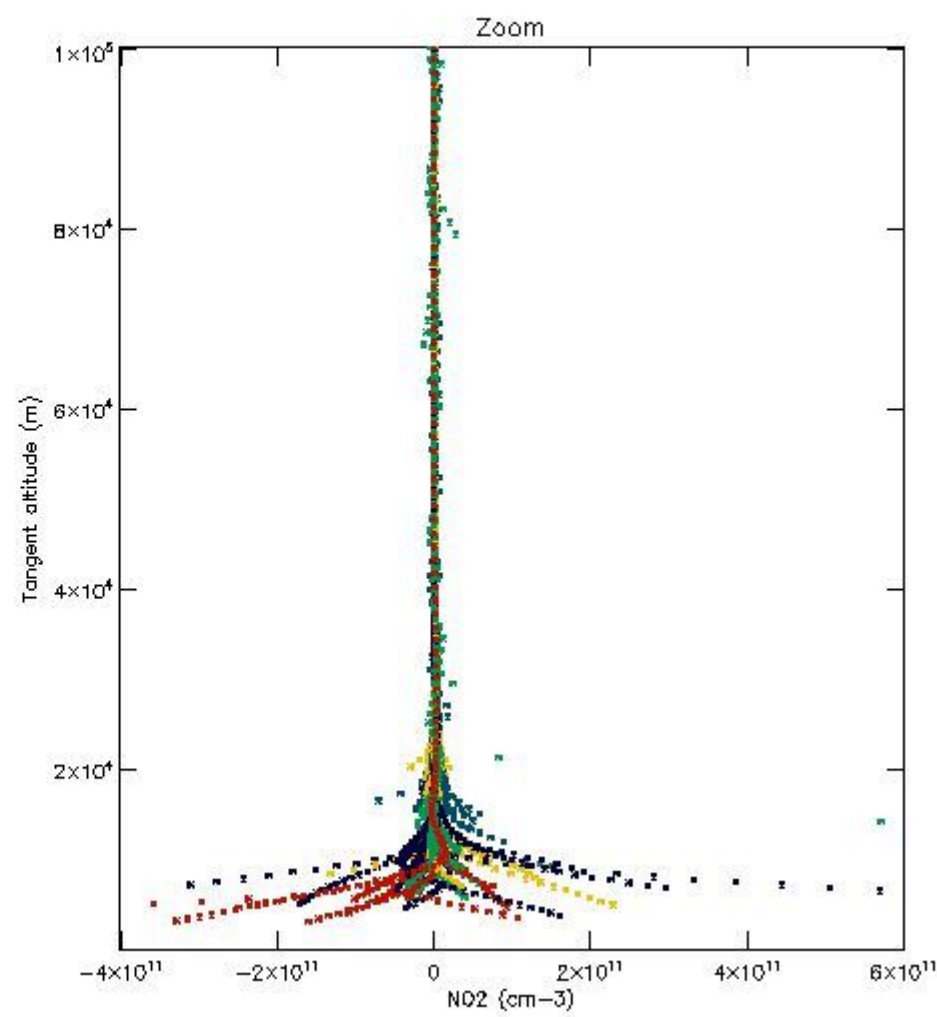
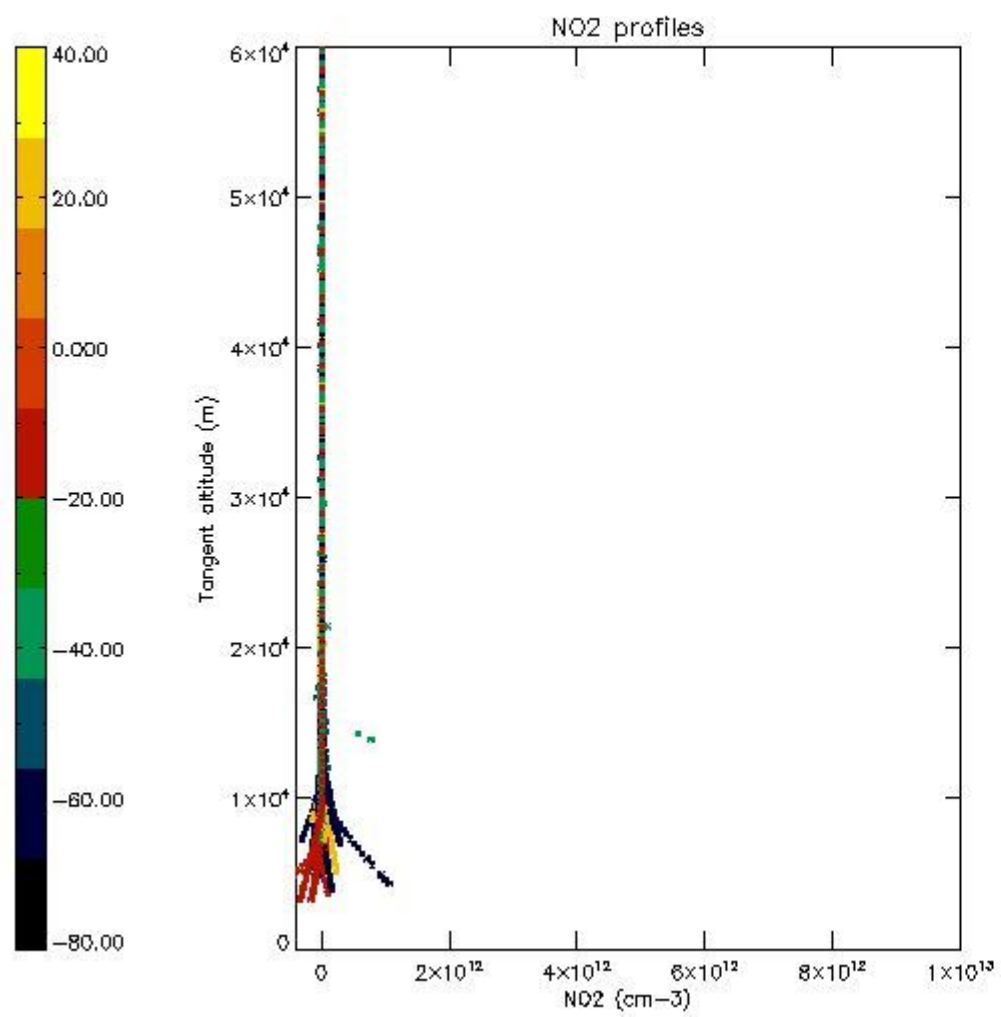
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



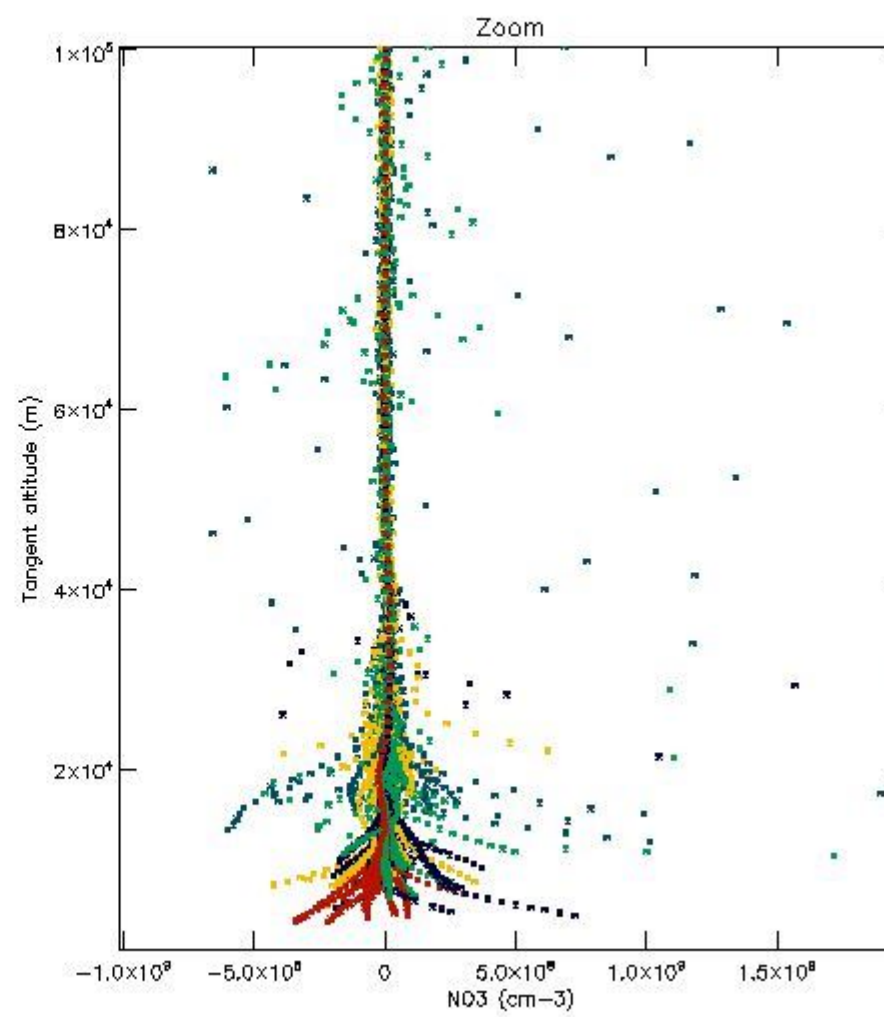
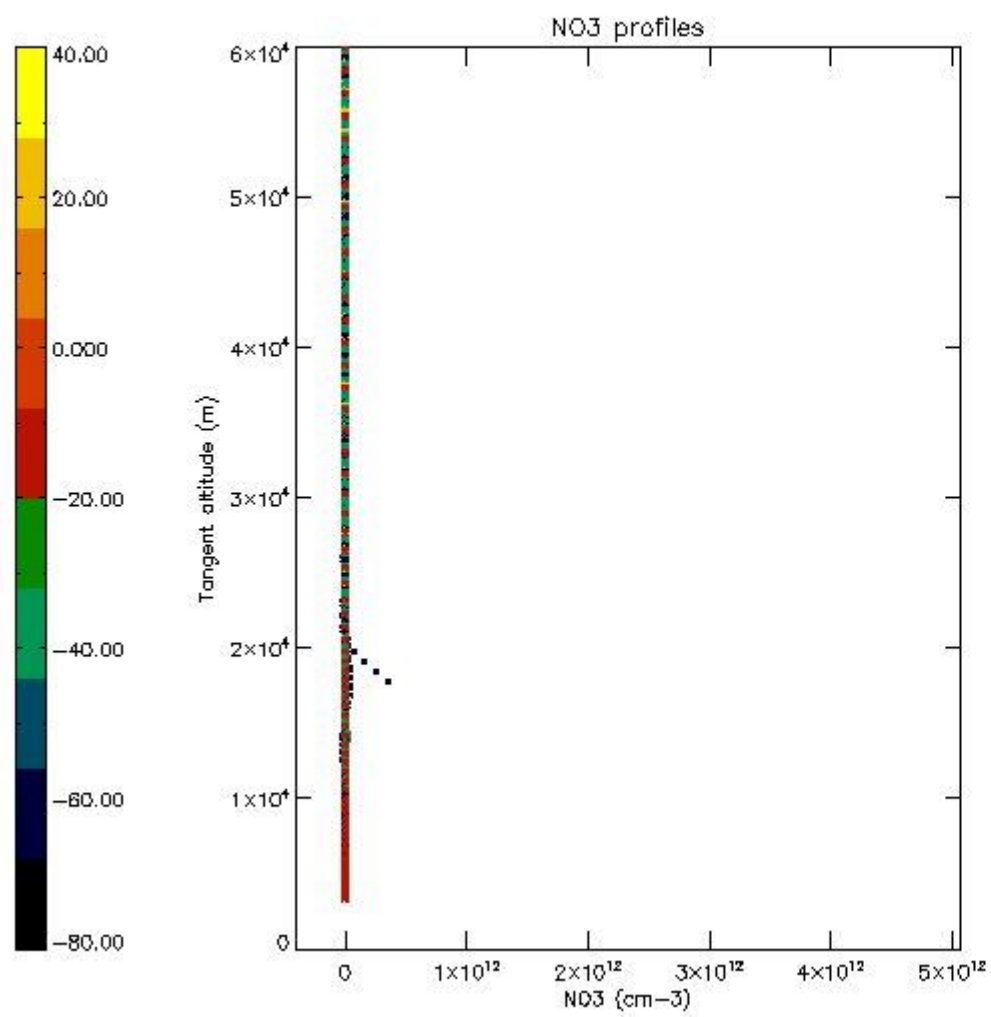
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



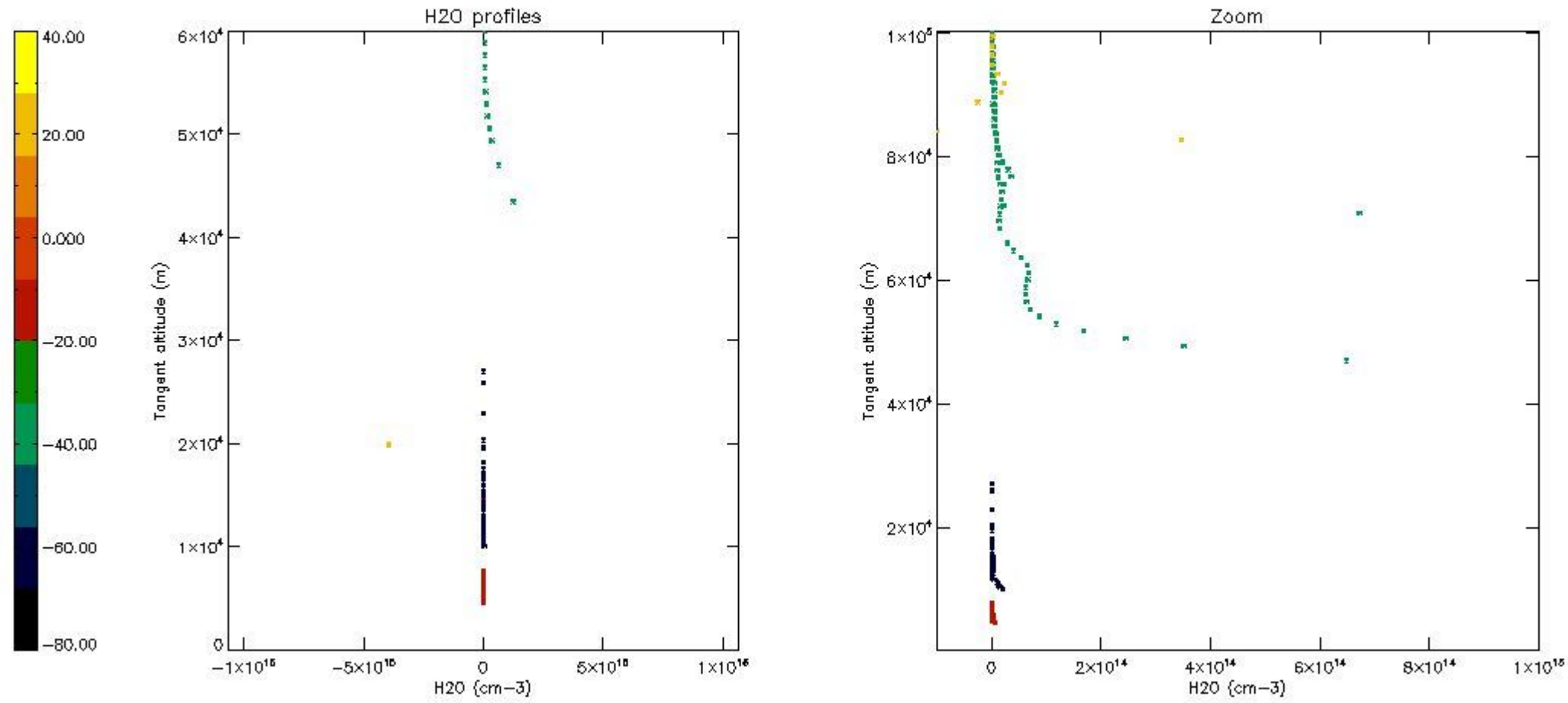
5.7 Plot NO3 profiles for all STD (dark without errors)

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	17-SEP-2008 00:03:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-SEP-2008 00:03:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-SEP-2008 00:03:04

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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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 \(world map\)](#)

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

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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% \(dark without errors\)](#)

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 20:01:34
Data source version	GOMOS/6.01
Start time of products	17-09-2008 (17SEP2008 00:00:00)
Stop time of products	18-09-2008 (18SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	199
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__2PRFIN20080917_000304_000000462072_00116_34238_6512.N1	17-SEP-2008 00:03:04	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34238	No
2	GOM_NL__2PRFIN20080917_001153_000000632072_00116_34238_6513.N1	17-SEP-2008 00:11:53	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	34238	No
3	GOM_NL__2PRFIN20080917_001918_000000432072_00116_34238_6514.N1	17-SEP-2008 00:19:18	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34238	No
4	GOM_NL__2PRFIN20080917_002110_000000602072_00116_34238_6515.N1	17-SEP-2008 00:21:10	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	34238	No
5	GOM_NL__2PRFIN20080917_002319_000000502072_00116_34238_6516.N1	17-SEP-2008 00:23:19	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	34238	No
6	GOM_NL__2PRFIN20080917_002930_000000562072_00117_34239_6525.N1	17-SEP-2008 00:29:30	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	34239	No
7	GOM_NL__2PRFIN20080917_003943_000000402072_00117_34239_6526.N1	17-SEP-2008 00:39:43	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34239	No
8	GOM_NL__2PRFIN20080917_004109_000000502072_00117_34239_6527.N1	17-SEP-2008 00:41:09	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34239	No
9	GOM_NL__2PRFIN20080917_004651_000000412072_00117_34239_6528.N1	17-SEP-2008 00:46:51	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34239	No
10	GOM_NL__2PRFIN20080917_005426_000000592072_00117_34239_6529.N1	17-SEP-2008 00:54:26	Twilight	58.500	52	16Bet Cet	2.0370	4500.0	117	34239	No
11	GOM_NL__2PRFIN20080917_010512_000000392072_00117_34239_6530.N1	17-SEP-2008 01:05:12	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34239	No
12	GOM_NL__2PRFIN20080917_010903_000000412072_00117_34239_6531.N1	17-SEP-2008 01:09:03	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	34239	No
13	GOM_NL__2PRFIN20080917_011100_000000452072_00117_34239_6532.N1	17-SEP-2008 01:11:00	Bright	44.500	58	21Alp And	2.0730	11000.	89	34239	No
14	GOM_NL__2PRFIN20080917_011915_000000412072_00117_34239_6533.N1	17-SEP-2008 01:19:15	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34239	No
15	GOM_NL__2PRFIN20080917_012100_000000392072_00117_34239_6534.N1	17-SEP-2008 01:21:00	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34239	No
16	GOM_NL__2PRFIN20080917_014340_000000452072_00117_34239_6535.N1	17-SEP-2008 01:43:40	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34239	No
17	GOM_NL__2PRFIN20080917_015230_000000552072_00117_34239_6536.N1	17-SEP-2008 01:52:30	Dark	54.500	8	10Alp CMi	0.40000	6500.0	109	34239	No
18	GOM_NL__2PRFIN20080917_015954_000000412072_00117_34239_6537.N1	17-SEP-2008 01:59:54	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	34239	No
19	GOM_NL__2PRFIN20080917_020147_000000652072_00117_34239_6538.N1	17-SEP-2008 02:01:47	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	34239	No
20	GOM_NL__2PRFIN20080917_020355_000000472072_00117_34239_6539.N1	17-SEP-2008 02:03:55	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34239	No
21	GOM_NL__2PRFIN20080917_021007_000000472072_00118_34240_6544.N1	17-SEP-2008 02:10:07	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	34240	No
22	GOM_NL__2PRFIN20080917_022020_000000402072_00118_34240_6545.N1	17-SEP-2008 02:20:20	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	34240	No
23	GOM_NL__2PRFIN20080917_022146_000000432072_00118_34240_6546.N1	17-SEP-2008 02:21:46	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34240	No
24	GOM_NL__2PRFIN20080917_022727_000000422072_00118_34240_6547.N1	17-SEP-2008 02:27:27	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34240	No
25	GOM_NL__2PRFIN20080917_023502_000000592072_00118_34240_6548.N1	17-SEP-2008 02:35:02	Twilight	58.500	52	16Bet Cet	2.0370	4500.0	117	34240	No
26	GOM_NL__2PRFIN20080917_024548_000000402072_00118_34240_6549.N1	17-SEP-2008 02:45:48	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34240	No
27	GOM_NL__2PRFIN20080917_024939_000000412072_00118_34240_6550.N1	17-SEP-2008 02:49:39	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34240	No
28	GOM_NL__2PRFIN20080917_025135_000000472072_00118_34240_6551.N1	17-SEP-2008 02:51:35	Bright	46.500	58	21Alp And	2.0730	11000.	93	34240	No
29	GOM_NL__2PRFIN20080917_025950_000000402072_00118_34240_6552.N1	17-SEP-2008 02:59:50	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34240	No
30	GOM_NL__2PRFIN20080917_030136_000000412072_00118_34240_6553.N1	17-SEP-2008 03:01:36	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34240	No
31	GOM_NL__2PRFIN20080917_032416_000000482072_00118_34240_6554.N1	17-SEP-2008 03:24:16	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	34240	No
32	GOM_NL__2PRFIN20080917_033306_000000482072_00118_34240_6555.N1	17-SEP-2008 03:33:06	Dark	48.000	8	10Alp CMi	0.40000	6500.0	96	34240	No
33	GOM_NL__2PRFIN20080917_034031_000000432072_00118_34240_6556.N1	17-SEP-2008 03:40:31	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34240	No
34	GOM_NL__2PRFIN20080917_034224_000000662072_00118_34240_6557.N1	17-SEP-2008 03:42:24	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	34240	No
35	GOM_NL__2PRFIN20080917_034432_000000472072_00118_34240_6558.N1	17-SEP-2008 03:44:32	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34240	No
36	GOM_NL__2PRFIN20080917_035044_000000562072_00119_34241_6578.N1	17-SEP-2008 03:50:44	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	34241	No
37	GOM_NL__2PRFIN20080917_040056_000000392072_00119_34241_6579.N1	17-SEP-2008 04:00:56	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34241	No
38	GOM_NL__2PRFIN20080917_040222_000000432072_00119_34241_6580.N1	17-SEP-2008 04:02:22	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34241	No
39	GOM_NL__2PRFIN20080917_040804_000000462072_00119_34241_6581.N1	17-SEP-2008 04:08:04	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34241	No
40	GOM_NL__2PRFIN20080917_041538_000000572072_00119_34241_6582.N1	17-SEP-2008 04:15:38	Twilight	57.000	52	16Bet Cet	2.0370	4500.0	114	34241	No
41	GOM_NL__2PRFIN20080917_042624_000000392072_00119_34241_6583.N1	17-SEP-2008 04:26:24	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34241	No
42	GOM_NL__2PRFIN20080917_043015_000000402072_00119_34241_6584.N1	17-SEP-2008 04:30:15	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34241	No

43	GOM_NL__2PRFIN20080917_043210_000000462072_00119_34241_6585.N1	17-SEP-2008 04:32:10	Bright	45.500	58	21Alp And	2.0730	11000.	91	34241	No
44	GOM_NL__2PRFIN20080917_044026_000000392072_00119_34241_6586.N1	17-SEP-2008 04:40:26	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34241	No
45	GOM_NL__2PRFIN20080917_044211_000000432072_00119_34241_6587.N1	17-SEP-2008 04:42:11	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34241	No
46	GOM_NL__2PRFIN20080917_050453_000000462072_00119_34241_6588.N1	17-SEP-2008 05:04:53	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34241	No
47	GOM_NL__2PRFIN20080917_051343_000000622072_00119_34241_6589.N1	17-SEP-2008 05:13:43	Dark	62.000	8	10Alp CMi	0.40000	6500.0	124	34241	No
48	GOM_NL__2PRFIN20080917_052108_000000412072_00119_34241_6590.N1	17-SEP-2008 05:21:08	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34241	No
49	GOM_NL__2PRFIN20080917_052302_000000672072_00119_34241_6591.N1	17-SEP-2008 05:23:02	Dark	67.000	1	9Alp CMa	-1.4400	11000.	134	34241	No
50	GOM_NL__2PRFIN20080917_052509_000000462072_00119_34241_6592.N1	17-SEP-2008 05:25:09	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	34241	No
51	GOM_NL__2PRFIN20080917_053120_000000432072_00120_34242_6602.N1	17-SEP-2008 05:31:20	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	34242	No
52	GOM_NL__2PRFIN20080917_054133_000000382072_00120_34242_6603.N1	17-SEP-2008 05:41:33	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34242	No
53	GOM_NL__2PRFIN20080917_054259_000000512072_00120_34242_6604.N1	17-SEP-2008 05:42:59	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34242	No
54	GOM_NL__2PRFIN20080917_054840_000000462072_00120_34242_6605.N1	17-SEP-2008 05:48:40	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34242	No
55	GOM_NL__2PRFIN20080917_055615_000000552072_00120_34242_6606.N1	17-SEP-2008 05:56:15	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	34242	No
56	GOM_NL__2PRFIN20080917_060700_000000392072_00120_34242_6607.N1	17-SEP-2008 06:07:00	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34242	No
57	GOM_NL__2PRFIN20080917_061050_000000392072_00120_34242_6608.N1	17-SEP-2008 06:10:50	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34242	No
58	GOM_NL__2PRFIN20080917_061246_000000482072_00120_34242_6609.N1	17-SEP-2008 06:12:46	Bright	47.500	58	21Alp And	2.0730	11000.	95	34242	No
59	GOM_NL__2PRFIN20080917_062102_000000412072_00120_34242_6610.N1	17-SEP-2008 06:21:02	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34242	No
60	GOM_NL__2PRFIN20080917_062247_000000422072_00120_34242_6611.N1	17-SEP-2008 06:22:47	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34242	No
61	GOM_NL__2PRFIN20080917_064529_000000442072_00120_34242_6612.N1	17-SEP-2008 06:45:29	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	34242	No
62	GOM_NL__2PRFIN20080917_065419_000000602072_00120_34242_6613.N1	17-SEP-2008 06:54:19	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	34242	No
63	GOM_NL__2PRFIN20080917_070144_000000422072_00120_34242_6614.N1	17-SEP-2008 07:01:44	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34242	No
64	GOM_NL__2PRFIN20080917_070339_000000602072_00120_34242_6615.N1	17-SEP-2008 07:03:39	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	34242	No
65	GOM_NL__2PRFIN20080917_070546_000000472072_00120_34242_6616.N1	17-SEP-2008 07:05:46	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34242	No
66	GOM_NL__2PRFIN20080917_071157_000000452072_00121_34243_6624.N1	17-SEP-2008 07:11:57	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	34243	No
67	GOM_NL__2PRFIN20080917_072209_000000392072_00121_34243_6625.N1	17-SEP-2008 07:22:09	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34243	No
68	GOM_NL__2PRFIN20080917_072335_000000532072_00121_34243_6626.N1	17-SEP-2008 07:23:35	Dark	53.000	9	Alp Eri	0.45300	24000.	106	34243	No
69	GOM_NL__2PRFIN20080917_072917_000000432072_00121_34243_6627.N1	17-SEP-2008 07:29:17	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34243	No
70	GOM_NL__2PRFIN20080917_073651_000000562072_00121_34243_6628.N1	17-SEP-2008 07:36:51	Tw_i_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	34243	No
71	GOM_NL__2PRFIN20080917_074736_000000392072_00121_34243_6629.N1	17-SEP-2008 07:47:36	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34243	No
72	GOM_NL__2PRFIN20080917_075126_000000382072_00121_34243_6630.N1	17-SEP-2008 07:51:26	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34243	No
73	GOM_NL__2PRFIN20080917_075321_000000462072_00121_34243_6631.N1	17-SEP-2008 07:53:21	Bright	46.000	58	21Alp And	2.0730	11000.	92	34243	No
74	GOM_NL__2PRFIN20080917_080137_000000402072_00121_34243_6632.N1	17-SEP-2008 08:01:37	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34243	No
75	GOM_NL__2PRFIN20080917_080322_000000422072_00121_34243_6633.N1	17-SEP-2008 08:03:22	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34243	No
76	GOM_NL__2PRFIN20080917_082605_000000452072_00121_34243_6634.N1	17-SEP-2008 08:26:05	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	34243	No
77	GOM_NL__2PRFIN20080917_083456_000000542072_00121_34243_6635.N1	17-SEP-2008 08:34:56	Dark	53.500	8	10Alp CMi	0.40000	6500.0	107	34243	No
78	GOM_NL__2PRFIN20080917_084220_000000412072_00121_34243_6636.N1	17-SEP-2008 08:42:20	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34243	No
79	GOM_NL__2PRFIN20080917_084416_000000702072_00121_34243_6637.N1	17-SEP-2008 08:44:16	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	34243	No
80	GOM_NL__2PRFIN20080917_084623_000000492072_00121_34243_6638.N1	17-SEP-2008 08:46:23	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	34243	No
81	GOM_NL__2PRFIN20080917_085234_000000562072_00122_34244_6644.N1	17-SEP-2008 08:52:34	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	34244	No
82	GOM_NL__2PRFIN20080917_090246_000000392072_00122_34244_6645.N1	17-SEP-2008 09:02:46	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34244	No
83	GOM_NL__2PRFIN20080917_090412_000000422072_00122_34244_6646.N1	17-SEP-2008 09:04:12	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34244	No
84	GOM_NL__2PRFIN20080917_090953_000000452072_00122_34244_6647.N1	17-SEP-2008 09:09:53	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34244	No
85	GOM_NL__2PRFIN20080917_091727_000000582072_00122_34244_6648.N1	17-SEP-2008 09:17:27	Tw_i_and_stray	58.000	52	16Bet Cet	2.0370	4500.0	116	34244	No
86	GOM_NL__2PRFIN20080917_092812_000000392072_00122_34244_6649.N1	17-SEP-2008 09:28:12	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34244	No
87	GOM_NL__2PRFIN20080917_093202_000000402072_00122_34244_6650.N1	17-SEP-2008 09:32:02	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34244	No
88	GOM_NL__2PRFIN20080917_093356_000000472072_00122_34244_6651.N1	17-SEP-2008 09:33:56	Bright	46.500	58	21Alp And	2.0730	11000.	93	34244	No
89	GOM_NL__2PRFIN20080917_094213_000000392072_00122_34244_6652.N1	17-SEP-2008 09:42:13	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34244	No
90	GOM_NL__2PRFIN20080917_094358_000000392072_00122_34244_6653.N1	17-SEP-2008 09:43:58	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34244	No
91	GOM_NL__2PRFIN20080917_100641_000000452072_00122_34244_6654.N1	17-SEP-2008 10:06:41	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34244	No
92	GOM_NL__2PRFIN20080917_101532_000000592072_00122_34244_6655.N1	17-SEP-2008 10:15:32	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	34244	No
93	GOM_NL__2PRFIN20080917_102257_000000402072_00122_34244_6656.N1	17-SEP-2008 10:22:57	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	34244	No
94	GOM_NL__2PRFIN20080917_102453_000000612072_00122_34244_6657.N1	17-SEP-2008 10:24:53	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	34244	No
95	GOM_NL__2PRFIN20080917_102700_000000462072_00122_34244_6658.N1	17-SEP-2008 10:27:00	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	34244	No
96	GOM_NL__2PRFIN20080917_103310_000000542072_00123_34245_6664.N1	17-SEP-2008 10:33:10	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34245	No
97	GOM_NL__2PRFIN20080917_104322_000000392072_00123_34245_6665.N1	17-SEP-2008 10:43:22	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34245	No
98	GOM_NL__2PRFIN20080917_104448_000000482072_00123_34245_6666.N1	17-SEP-2008 10:44:48	Dark	48.000	9	Alp Eri	0.45300	24000.	96	34245	No
99	GOM_NL__2PRFIN20080917_105029_000000482072_00123_34245_6667.N1	17-SEP-2008 10:50:29	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	34245	No
100	GOM_NL__2PRFIN20080917_105803_000000572072_00123_34245_6668.N1	17-SEP-2008 10:58:03	Tw_i_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34245	No
101	GOM_NL__2PRFIN20080917_110847_000000392072_00123_34245_6669.N1	17-SEP-2008 11:08:47	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34245	No

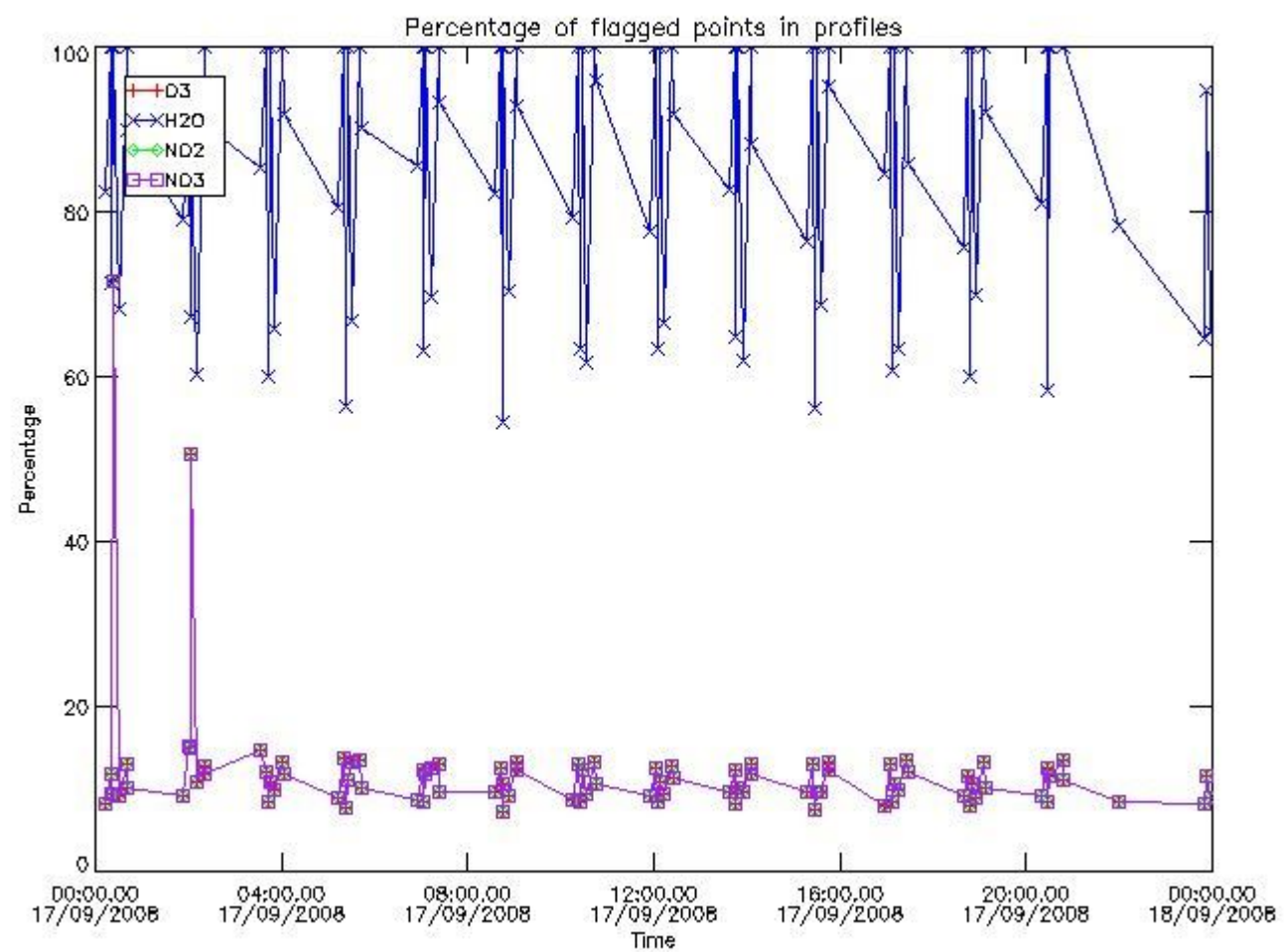
102	GOM_NL__2PRFIN20080917_111237_000000402072_00123_34245_6670.N1	17-SEP-2008 11:12:37	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34245	No
103	GOM_NL__2PRFIN20080917_111432_000000472072_00123_34245_6671.N1	17-SEP-2008 11:14:32	Bright	46.500	58	21Alp And	2.0730	11000.	93	34245	No
104	GOM_NL__2PRFIN20080917_112248_000000412072_00123_34245_6672.N1	17-SEP-2008 11:22:48	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34245	No
105	GOM_NL__2PRFIN20080917_112433_000000432072_00123_34245_6673.N1	17-SEP-2008 11:24:33	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34245	No
106	GOM_NL__2PRFIN20080917_114717_000000642072_00123_34245_6674.N1	17-SEP-2008 11:47:17	Bright	64.000	24	66Alp Gem	1.5800	10200.	128	34245	No
107	GOM_NL__2PRFIN20080917_115609_000000562072_00123_34245_6675.N1	17-SEP-2008 11:56:09	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	34245	No
108	GOM_NL__2PRFIN20080917_120333_000000412072_00123_34245_6676.N1	17-SEP-2008 12:03:33	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	34245	No
109	GOM_NL__2PRFIN20080917_120530_000000612072_00123_34245_6677.N1	17-SEP-2008 12:05:30	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	34245	No
110	GOM_NL__2PRFIN20080917_120736_000000472072_00123_34245_6678.N1	17-SEP-2008 12:07:36	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34245	No
111	GOM_NL__2PRFIN20080917_121347_000000542072_00124_34246_6700.N1	17-SEP-2008 12:13:47	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34246	No
112	GOM_NL__2PRFIN20080917_122358_000000402072_00124_34246_6701.N1	17-SEP-2008 12:23:58	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	34246	No
113	GOM_NL__2PRFIN20080917_122524_000000492072_00124_34246_6702.N1	17-SEP-2008 12:25:24	Dark	49.000	9	Alp Eri	0.45300	24000.	98	34246	No
114	GOM_NL__2PRFIN20080917_123106_000000432072_00124_34246_6703.N1	17-SEP-2008 12:31:06	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34246	No
115	GOM_NL__2PRFIN20080917_123839_000000572072_00124_34246_6704.N1	17-SEP-2008 12:38:39	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	34246	No
116	GOM_NL__2PRFIN20080917_124923_000000372072_00124_34246_6705.N1	17-SEP-2008 12:49:23	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34246	No
117	GOM_NL__2PRFIN20080917_125313_000000422072_00124_34246_6706.N1	17-SEP-2008 12:53:13	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	34246	No
118	GOM_NL__2PRFIN20080917_125507_000000462072_00124_34246_6707.N1	17-SEP-2008 12:55:07	Bright	45.500	58	21Alp And	2.0730	11000.	91	34246	No
119	GOM_NL__2PRFIN20080917_130323_000000412072_00124_34246_6708.N1	17-SEP-2008 13:03:23	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34246	No
120	GOM_NL__2PRFIN20080917_130508_000000412072_00124_34246_6709.N1	17-SEP-2008 13:05:08	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34246	No
121	GOM_NL__2PRFIN20080917_132753_000000482072_00124_34246_6710.N1	17-SEP-2008 13:27:53	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	34246	No
122	GOM_NL__2PRFIN20080917_133645_000000642072_00124_34246_6711.N1	17-SEP-2008 13:36:45	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	34246	No
123	GOM_NL__2PRFIN20080917_134410_000000422072_00124_34246_6712.N1	17-SEP-2008 13:44:10	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34246	No
124	GOM_NL__2PRFIN20080917_134607_000000632072_00124_34246_6713.N1	17-SEP-2008 13:46:07	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	34246	No
125	GOM_NL__2PRFIN20080917_134813_000000512072_00124_34246_6714.N1	17-SEP-2008 13:48:13	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34246	No
126	GOM_NL__2PRFIN20080917_135423_000000532072_00125_34247_6722.N1	17-SEP-2008 13:54:23	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34247	No
127	GOM_NL__2PRFIN20080917_140435_000000392072_00125_34247_6723.N1	17-SEP-2008 14:04:35	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34247	No
128	GOM_NL__2PRFIN20080917_140601_000000432072_00125_34247_6724.N1	17-SEP-2008 14:06:01	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34247	No
129	GOM_NL__2PRFIN20080917_141142_000000452072_00125_34247_6725.N1	17-SEP-2008 14:11:42	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34247	No
130	GOM_NL__2PRFIN20080917_141915_000000572072_00125_34247_6726.N1	17-SEP-2008 14:19:15	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	34247	No
131	GOM_NL__2PRFIN20080917_142959_000000392072_00125_34247_6727.N1	17-SEP-2008 14:29:59	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34247	No
132	GOM_NL__2PRFIN20080917_143349_000000412072_00125_34247_6728.N1	17-SEP-2008 14:33:49	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	34247	No
133	GOM_NL__2PRFIN20080917_143542_000000462072_00125_34247_6729.N1	17-SEP-2008 14:35:42	Bright	46.000	58	21Alp And	2.0730	11000.	92	34247	No
134	GOM_NL__2PRFIN20080917_144359_000000402072_00125_34247_6730.N1	17-SEP-2008 14:43:59	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34247	No
135	GOM_NL__2PRFIN20080917_144544_000000392072_00125_34247_6731.N1	17-SEP-2008 14:45:44	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	34247	No
136	GOM_NL__2PRFIN20080917_150829_000000462072_00125_34247_6732.N1	17-SEP-2008 15:08:29	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34247	No
137	GOM_NL__2PRFIN20080917_151722_000000582072_00125_34247_6733.N1	17-SEP-2008 15:17:22	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	34247	No
138	GOM_NL__2PRFIN20080917_152446_000000402072_00125_34247_6734.N1	17-SEP-2008 15:24:46	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	34247	No
139	GOM_NL__2PRFIN20080917_152644_000000692072_00125_34247_6735.N1	17-SEP-2008 15:26:44	Dark	69.000	1	9Alp CMa	-1.4400	11000.	138	34247	No
140	GOM_NL__2PRFIN20080917_152850_000000532072_00125_34247_6736.N1	17-SEP-2008 15:28:50	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	34247	No
141	GOM_NL__2PRFIN20080917_153500_000000532072_00126_34248_6745.N1	17-SEP-2008 15:35:00	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34248	No
142	GOM_NL__2PRFIN20080917_154511_000000392072_00126_34248_6746.N1	17-SEP-2008 15:45:11	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34248	No
143	GOM_NL__2PRFIN20080917_154637_000000422072_00126_34248_6747.N1	17-SEP-2008 15:46:37	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34248	No
144	GOM_NL__2PRFIN20080917_155218_000000422072_00126_34248_6748.N1	17-SEP-2008 15:52:18	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34248	No
145	GOM_NL__2PRFIN20080917_155951_000000582072_00126_34248_6749.N1	17-SEP-2008 15:59:51	Tw_i_and_stray	57.500	52	16Bet Cet	2.0370	4500.0	115	34248	No
146	GOM_NL__2PRFIN20080917_161034_000000402072_00126_34248_6750.N1	17-SEP-2008 16:10:34	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	34248	No
147	GOM_NL__2PRFIN20080917_161425_000000402072_00126_34248_6751.N1	17-SEP-2008 16:14:25	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34248	No
148	GOM_NL__2PRFIN20080917_161618_000000462072_00126_34248_6752.N1	17-SEP-2008 16:16:18	Bright	45.500	58	21Alp And	2.0730	11000.	91	34248	No
149	GOM_NL__2PRFIN20080917_162435_000000412072_00126_34248_6753.N1	17-SEP-2008 16:24:35	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34248	No
150	GOM_NL__2PRFIN20080917_162619_000000422072_00126_34248_6754.N1	17-SEP-2008 16:26:19	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34248	No
151	GOM_NL__2PRFIN20080917_164905_000000452072_00126_34248_6755.N1	17-SEP-2008 16:49:05	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	34248	No
152	GOM_NL__2PRFIN20080917_165758_000000652072_00126_34248_6756.N1	17-SEP-2008 16:57:58	Dark	65.000	8	10Alp CMi	0.40000	6500.0	130	34248	No
153	GOM_NL__2PRFIN20080917_170523_000000402072_00126_34248_6757.N1	17-SEP-2008 17:05:23	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	34248	No
154	GOM_NL__2PRFIN20080917_170721_000000672072_00126_34248_6758.N1	17-SEP-2008 17:07:21	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	34248	No
155	GOM_NL__2PRFIN20080917_170927_000000492072_00126_34248_6759.N1	17-SEP-2008 17:09:27	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	34248	No
156	GOM_NL__2PRFIN20080917_171536_000000512072_00127_34249_6770.N1	17-SEP-2008 17:15:36	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	34249	No
157	GOM_NL__2PRFIN20080917_172548_000000382072_00127_34249_6771.N1	17-SEP-2008 17:25:48	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34249	No
158	GOM_NL__2PRFIN20080917_172714_000000432072_00127_34249_6772.N1	17-SEP-2008 17:27:14	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34249	No
159	GOM_NL__2PRFIN20080917_173255_000000452072_00127_34249_6773.N1	17-SEP-2008 17:32:55	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34249	No
160	GOM_NL__2PRFIN20080917_174027_000000552072_00127_34249_6774.N1	17-SEP-2008 17:40:27	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	34249	No

161	GOM_NL__2PRFIN20080917_175110_000000392072_00127_34249_6775.N1	17-SEP-2008 17:51:10	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34249	No
162	GOM_NL__2PRFIN20080917_175500_000000412072_00127_34249_6776.N1	17-SEP-2008 17:55:00	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34249	No
163	GOM_NL__2PRFIN20080917_175653_000000462072_00127_34249_6777.N1	17-SEP-2008 17:56:53	Bright	46.000	58	21Alp And	2.0730	11000.	92	34249	No
164	GOM_NL__2PRFIN20080917_180510_000000412072_00127_34249_6778.N1	17-SEP-2008 18:05:10	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34249	No
165	GOM_NL__2PRFIN20080917_180655_000000432072_00127_34249_6779.N1	17-SEP-2008 18:06:55	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34249	No
166	GOM_NL__2PRFIN20080917_182941_000000452072_00127_34249_6780.N1	17-SEP-2008 18:29:41	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34249	No
167	GOM_NL__2PRFIN20080917_183835_000000562072_00127_34249_6781.N1	17-SEP-2008 18:38:35	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	34249	No
168	GOM_NL__2PRFIN20080917_184559_000000452072_00127_34249_6782.N1	17-SEP-2008 18:45:59	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34249	No
169	GOM_NL__2PRFIN20080917_184758_000000642072_00127_34249_6783.N1	17-SEP-2008 18:47:58	Dark	64.000	1	9Alp CMa	-1.4400	11000.	128	34249	No
170	GOM_NL__2PRFIN20080917_185004_000000482072_00127_34249_6784.N1	17-SEP-2008 18:50:04	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34249	No
171	GOM_NL__2PRFIN20080917_185613_000000572072_00128_34250_6790.N1	17-SEP-2008 18:56:13	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34250	No
172	GOM_NL__2PRFIN20080917_190624_000000392072_00128_34250_6791.N1	17-SEP-2008 19:06:24	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34250	No
173	GOM_NL__2PRFIN20080917_190750_000000512072_00128_34250_6792.N1	17-SEP-2008 19:07:50	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34250	No
174	GOM_NL__2PRFIN20080917_191331_000000462072_00128_34250_6793.N1	17-SEP-2008 19:13:31	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34250	No
175	GOM_NL__2PRFIN20080917_192103_000000522072_00128_34250_6794.N1	17-SEP-2008 19:21:03	Twilight_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	34250	No
176	GOM_NL__2PRFIN20080917_193146_000000392072_00128_34250_6795.N1	17-SEP-2008 19:31:46	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34250	No
177	GOM_NL__2PRFIN20080917_193536_000000402072_00128_34250_6796.N1	17-SEP-2008 19:35:36	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34250	No
178	GOM_NL__2PRFIN20080917_193728_000000442072_00128_34250_6797.N1	17-SEP-2008 19:37:28	Bright	44.000	58	21Alp And	2.0730	11000.	88	34250	No
179	GOM_NL__2PRFIN20080917_194546_000000402072_00128_34250_6798.N1	17-SEP-2008 19:45:46	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34250	No
180	GOM_NL__2PRFIN20080917_194730_000000422072_00128_34250_6799.N1	17-SEP-2008 19:47:30	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34250	No
181	GOM_NL__2PRFIN20080917_201017_000000452072_00128_34250_6800.N1	17-SEP-2008 20:10:17	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34250	No
182	GOM_NL__2PRFIN20080917_201911_000000562072_00128_34250_6801.N1	17-SEP-2008 20:19:11	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34250	No
183	GOM_NL__2PRFIN20080917_202636_000000412072_00128_34250_6802.N1	17-SEP-2008 20:26:36	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34250	No
184	GOM_NL__2PRFIN20080917_202835_000000672072_00128_34250_6803.N1	17-SEP-2008 20:28:35	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	34250	No
185	GOM_NL__2PRFIN20080917_203041_000000482072_00128_34250_6804.N1	17-SEP-2008 20:30:41	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34250	No
186	GOM_NL__2PRFIN20080917_204700_000000382072_00129_34251_6833.N1	17-SEP-2008 20:47:00	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	34251	No
187	GOM_NL__2PRFIN20080917_204827_000000502072_00129_34251_6834.N1	17-SEP-2008 20:48:27	Dark	49.500	9	Alp Eri	0.45300	24000.	99	34251	No
188	GOM_NL__2PRFIN20080917_205407_000000472072_00129_34251_6835.N1	17-SEP-2008 20:54:07	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	34251	No
189	GOM_NL__2PRFIN20080917_210139_000000572072_00129_34251_6836.N1	17-SEP-2008 21:01:39	Twilight_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34251	No
190	GOM_NL__2PRFIN20080917_211222_000000382072_00129_34251_6837.N1	17-SEP-2008 21:12:22	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34251	No
191	GOM_NL__2PRFIN20080917_211612_000000402072_00129_34251_6838.N1	17-SEP-2008 21:16:12	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34251	No
192	GOM_NL__2PRFIN20080917_211804_000000462072_00129_34251_6839.N1	17-SEP-2008 21:18:04	Bright	46.000	58	21Alp And	2.0730	11000.	92	34251	No
193	GOM_NL__2PRFIN20080917_212621_000000422072_00129_34251_6840.N1	17-SEP-2008 21:26:21	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34251	No
194	GOM_NL__2PRFIN20080917_212805_000000432072_00129_34251_6841.N1	17-SEP-2008 21:28:05	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34251	No
195	GOM_NL__2PRFIN20080917_215053_000000462072_00129_34251_6842.N1	17-SEP-2008 21:50:53	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34251	No
196	GOM_NL__2PRFIN20080917_215948_000000602072_00129_34251_6843.N1	17-SEP-2008 21:59:48	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34251	No
197	GOM_NL__2PRFIN20080917_234949_000000632072_00130_34252_6855.N1	17-SEP-2008 23:49:49	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	34252	No
198	GOM_NL__2PRFIN20080917_235154_000000482072_00130_34252_6856.N1	17-SEP-2008 23:51:54	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34252	No
199	GOM_NL__2PRFIN20080917_235803_000000572072_00131_34253_6875.N1	17-SEP-2008 23:58:03	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34253	No

3. Quality information per product

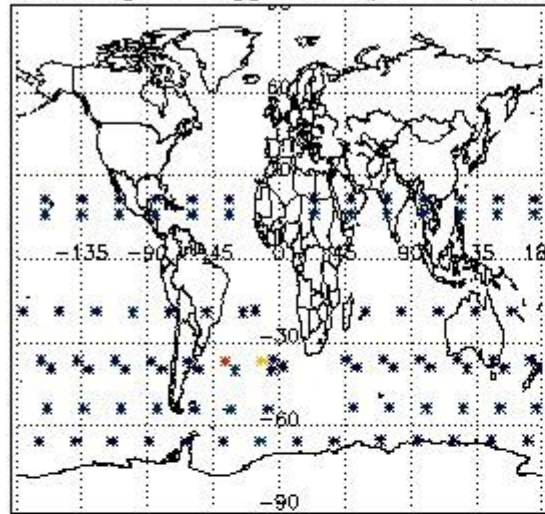
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

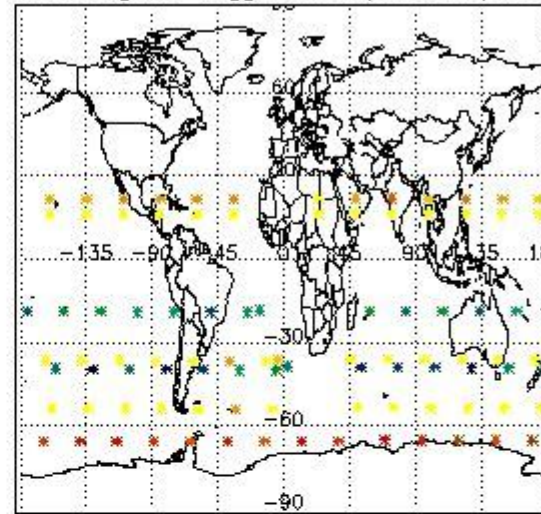


3.2 Plot quality information per product (world map)

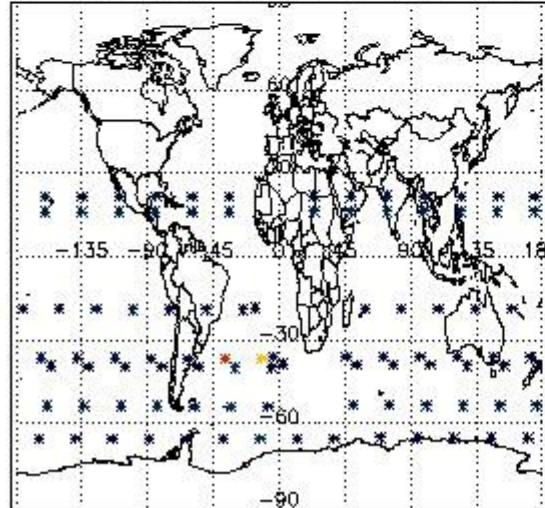
Percentage of flagged data per O3 profile



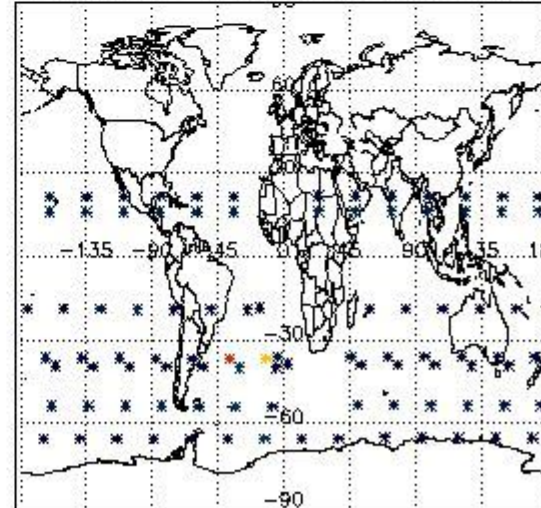
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

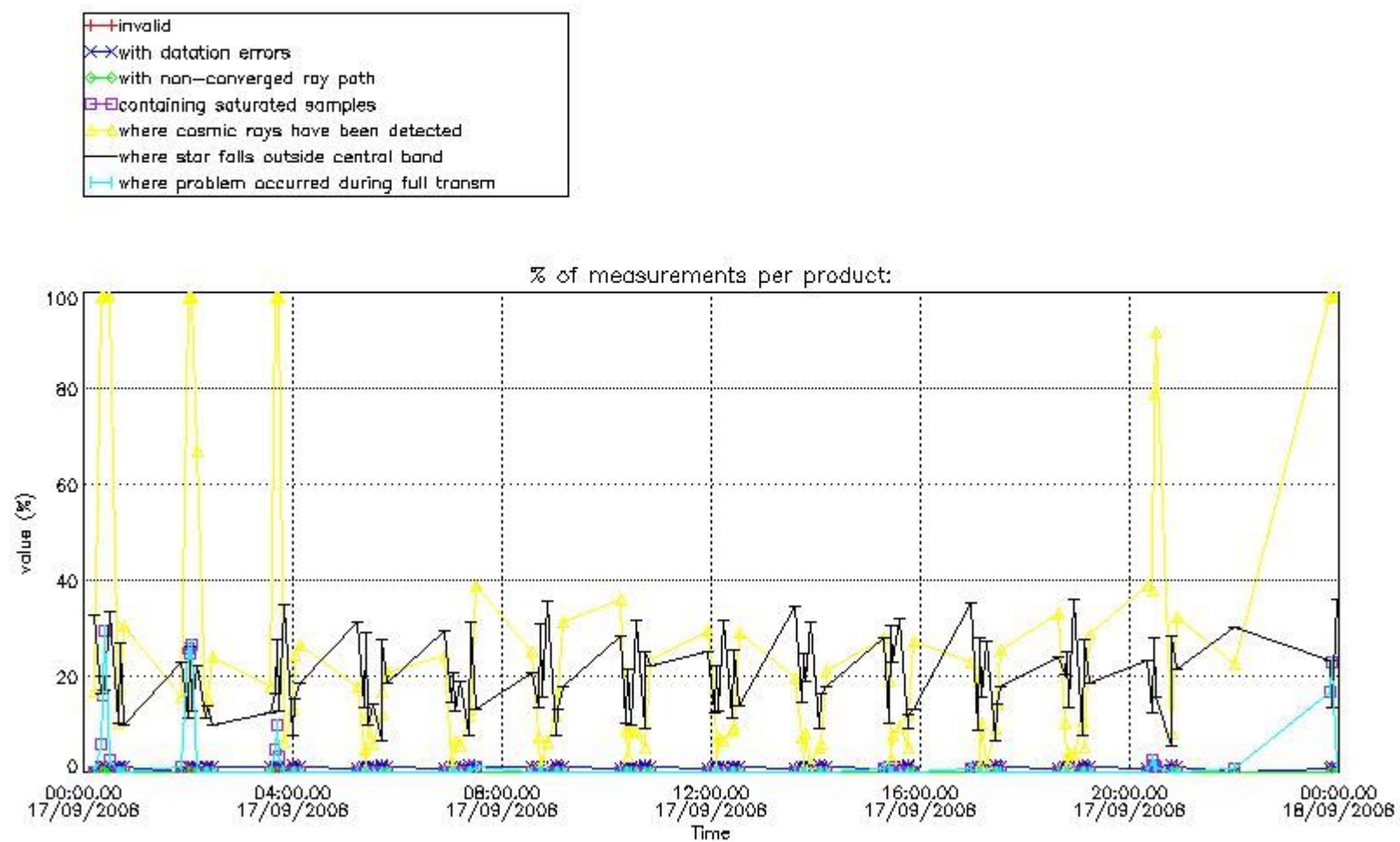


4. Level 1 quality information per product

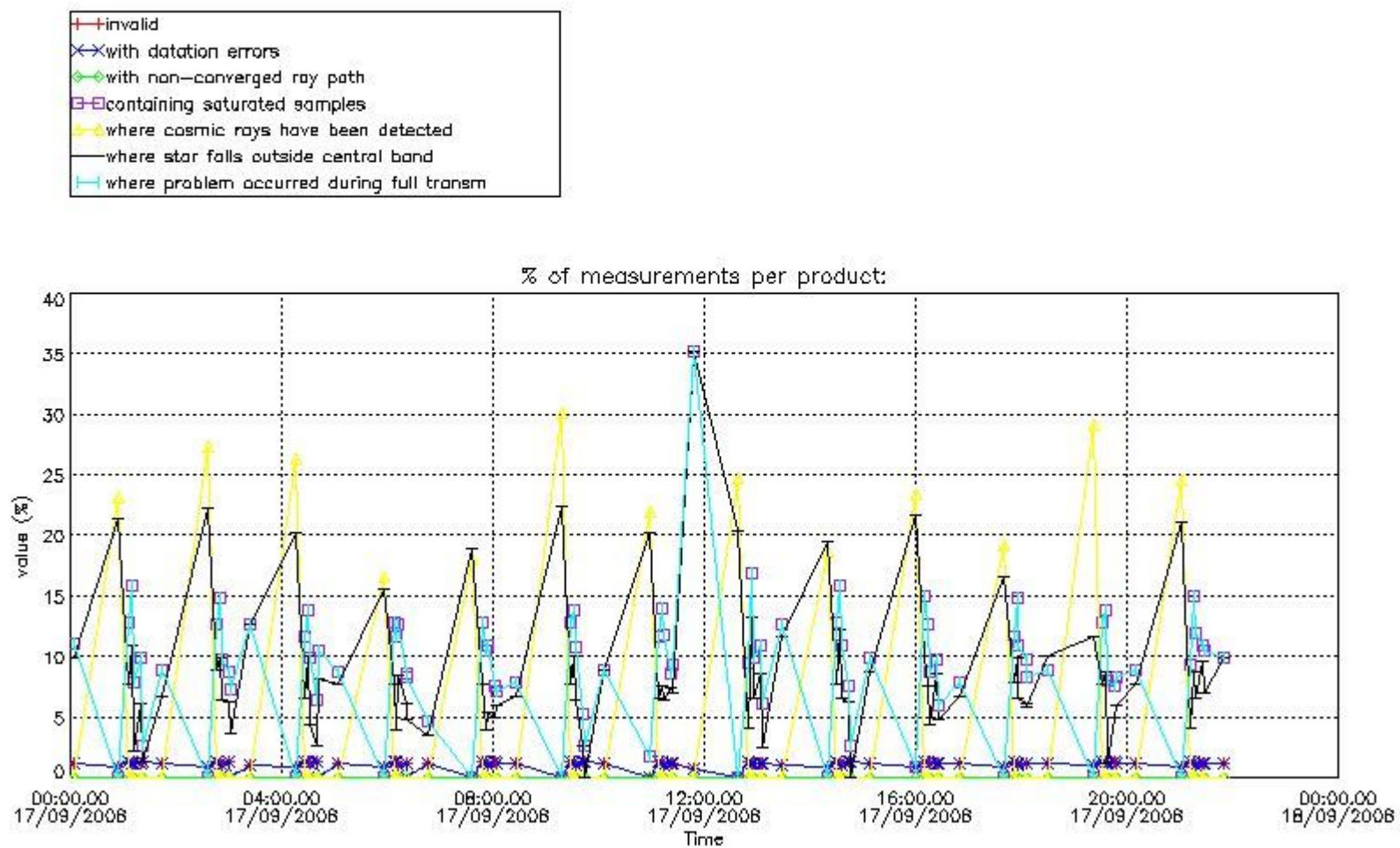
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



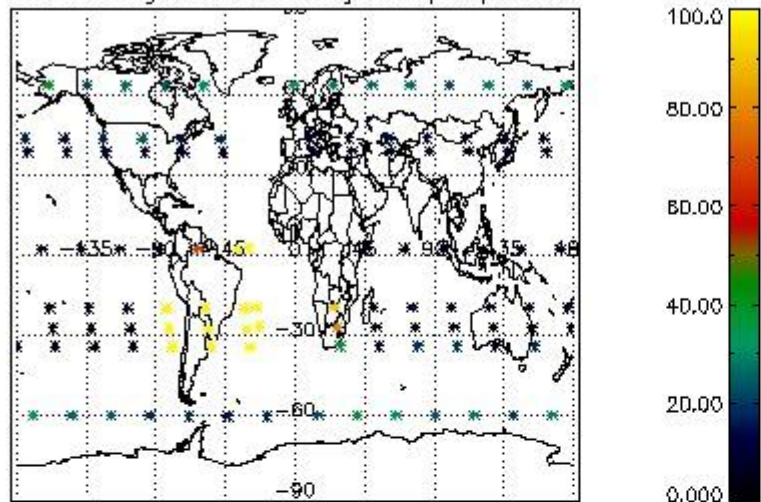
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



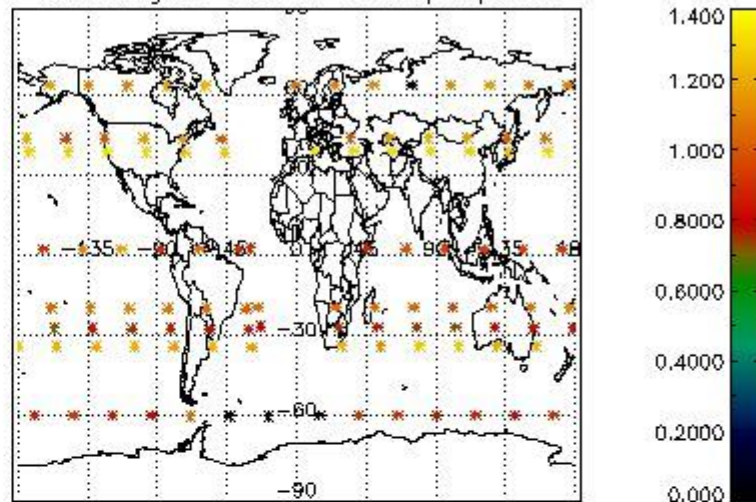
4.2 Plot quality information per product coming from level 1b processing (world map)

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

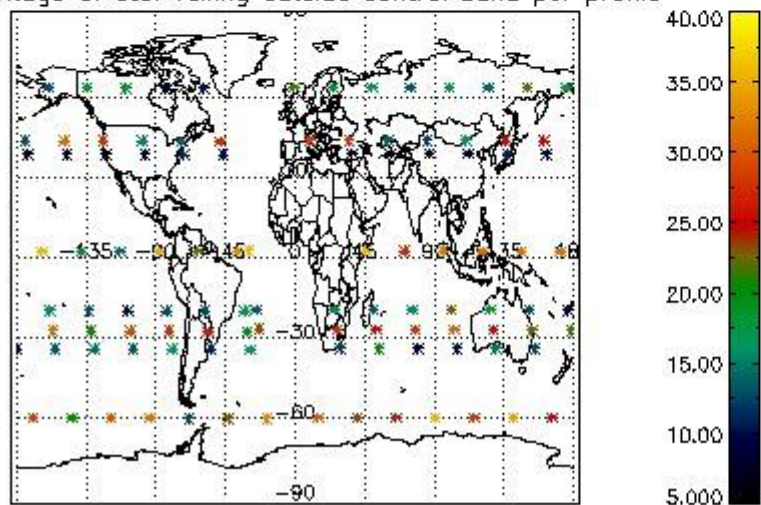
Percentage of cosmic ray hits per profile



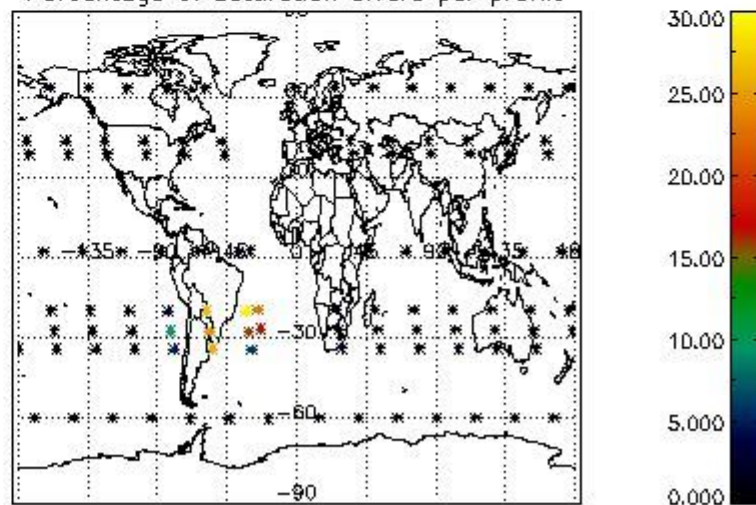
Percentage of datation errors per profile



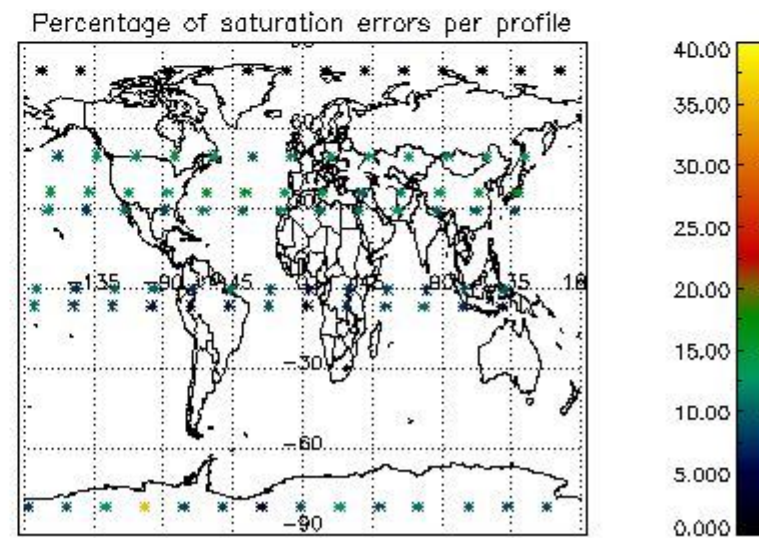
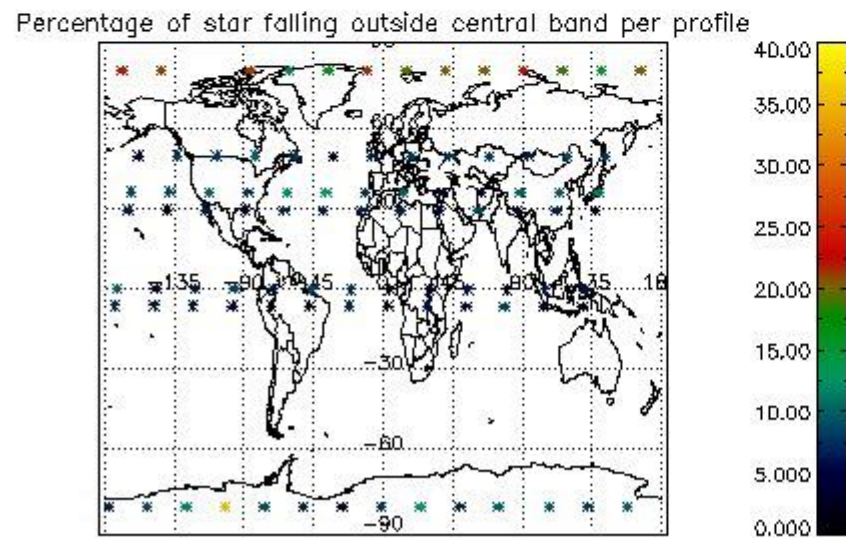
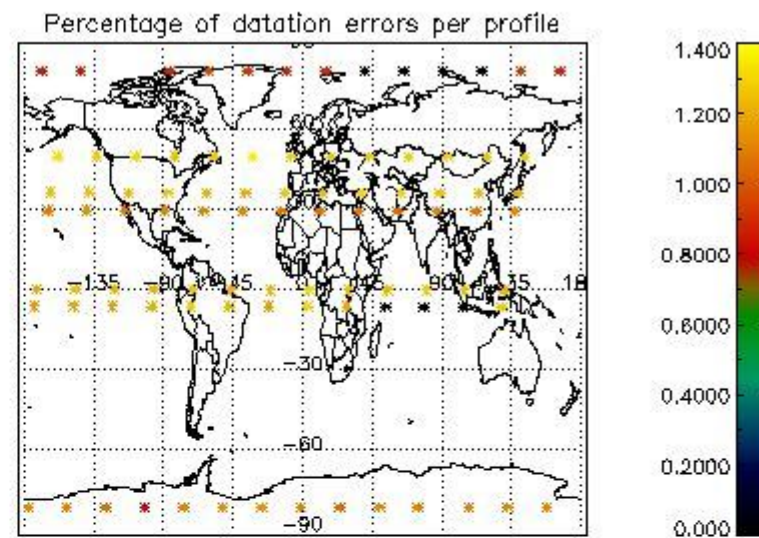
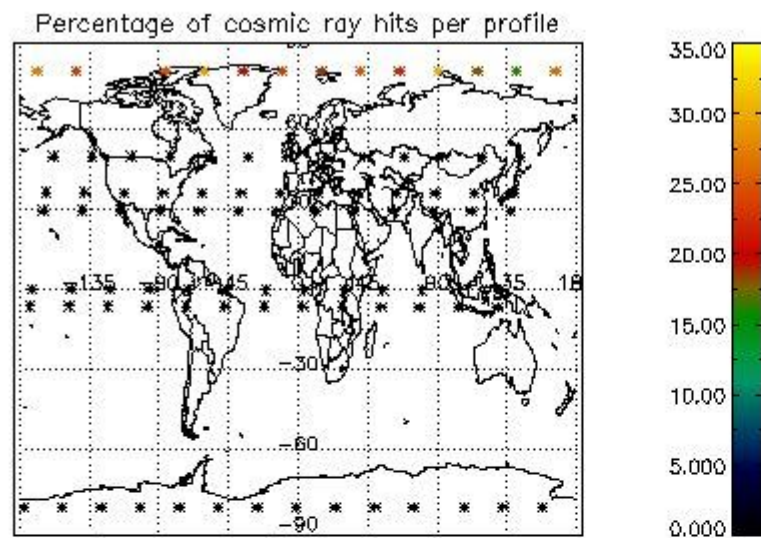
Percentage of star falling outside central band per profile



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

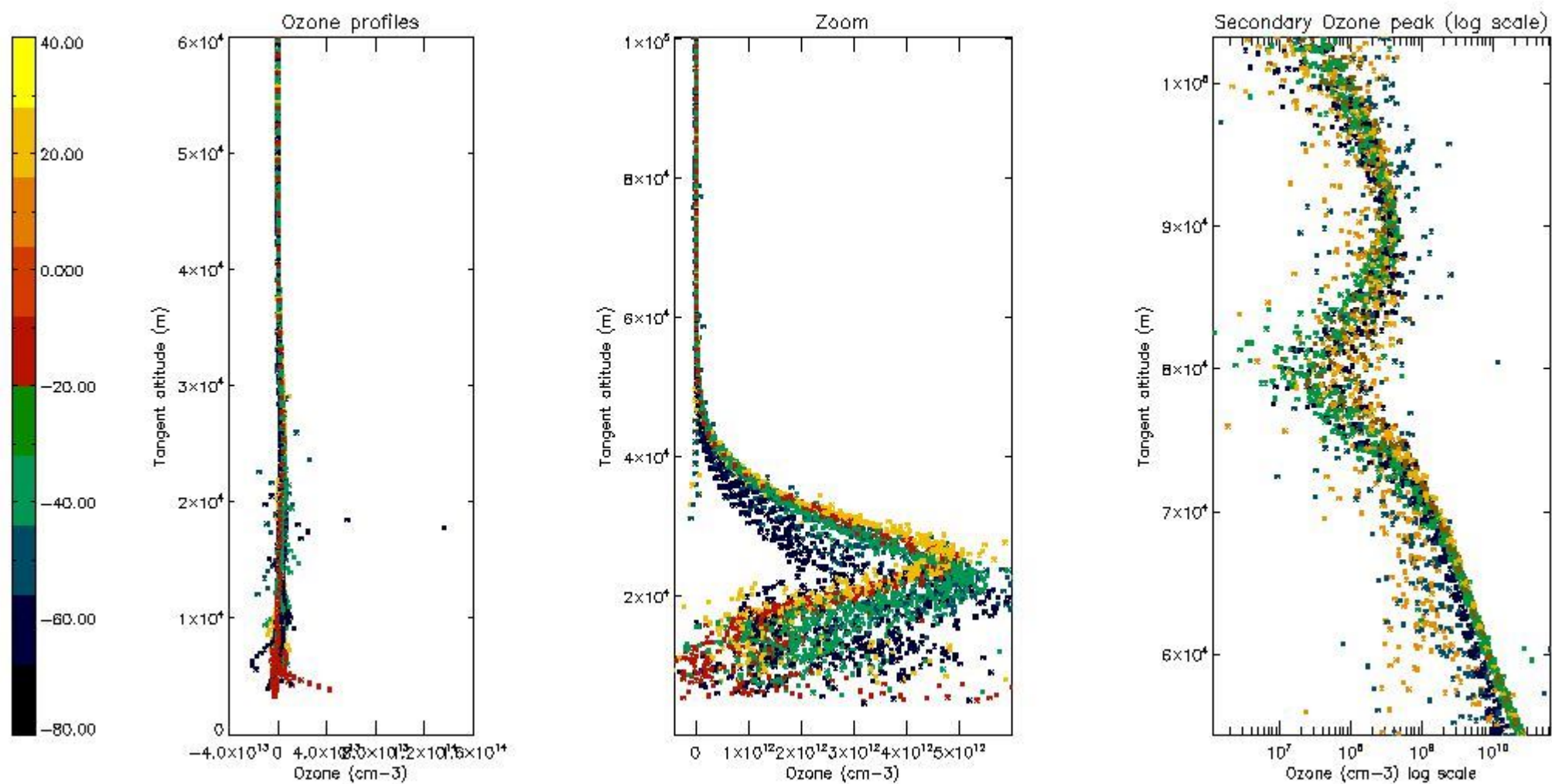
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	51
STD < 20	32

STD < 10	26
STD < 5	20

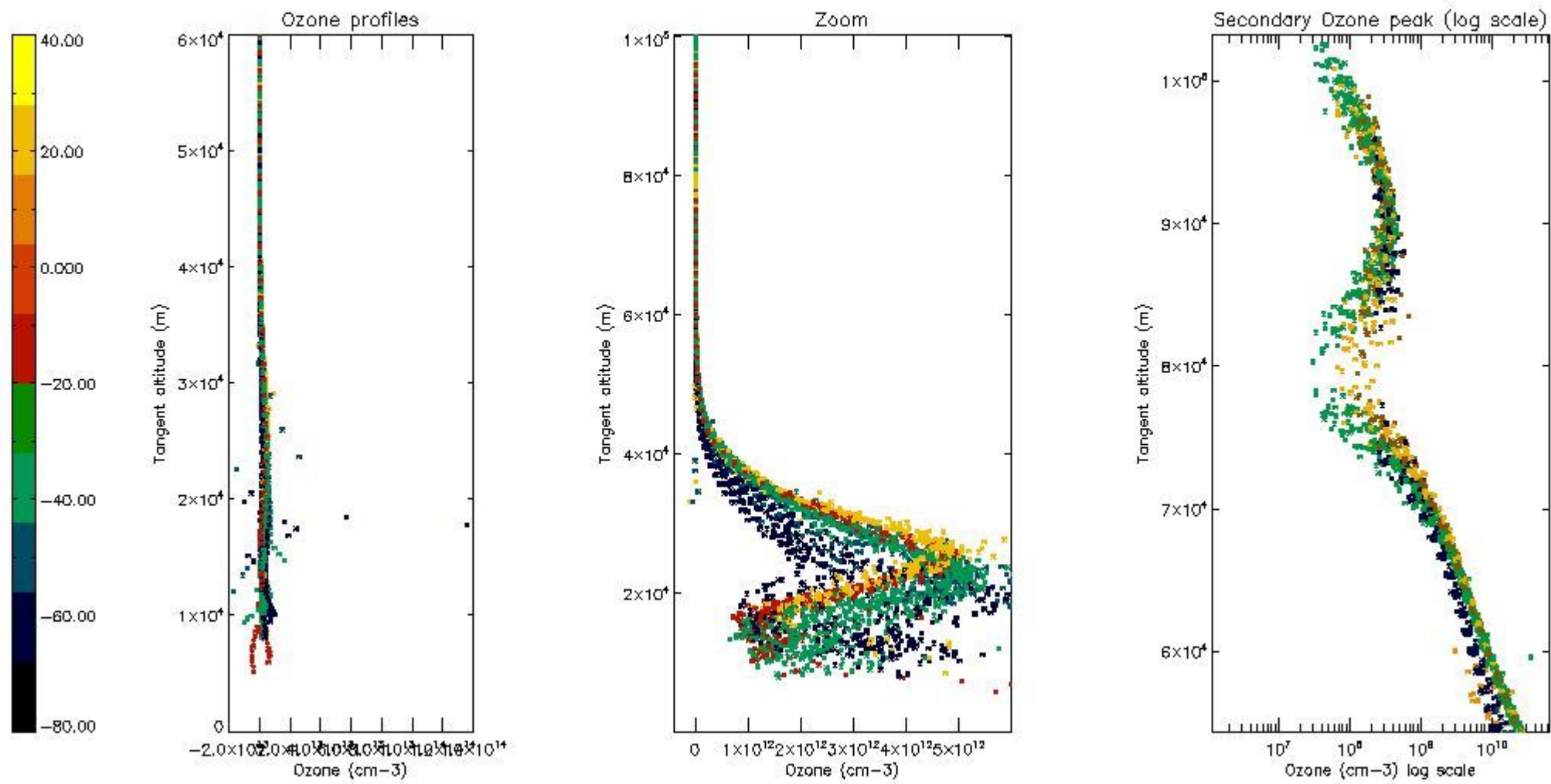
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



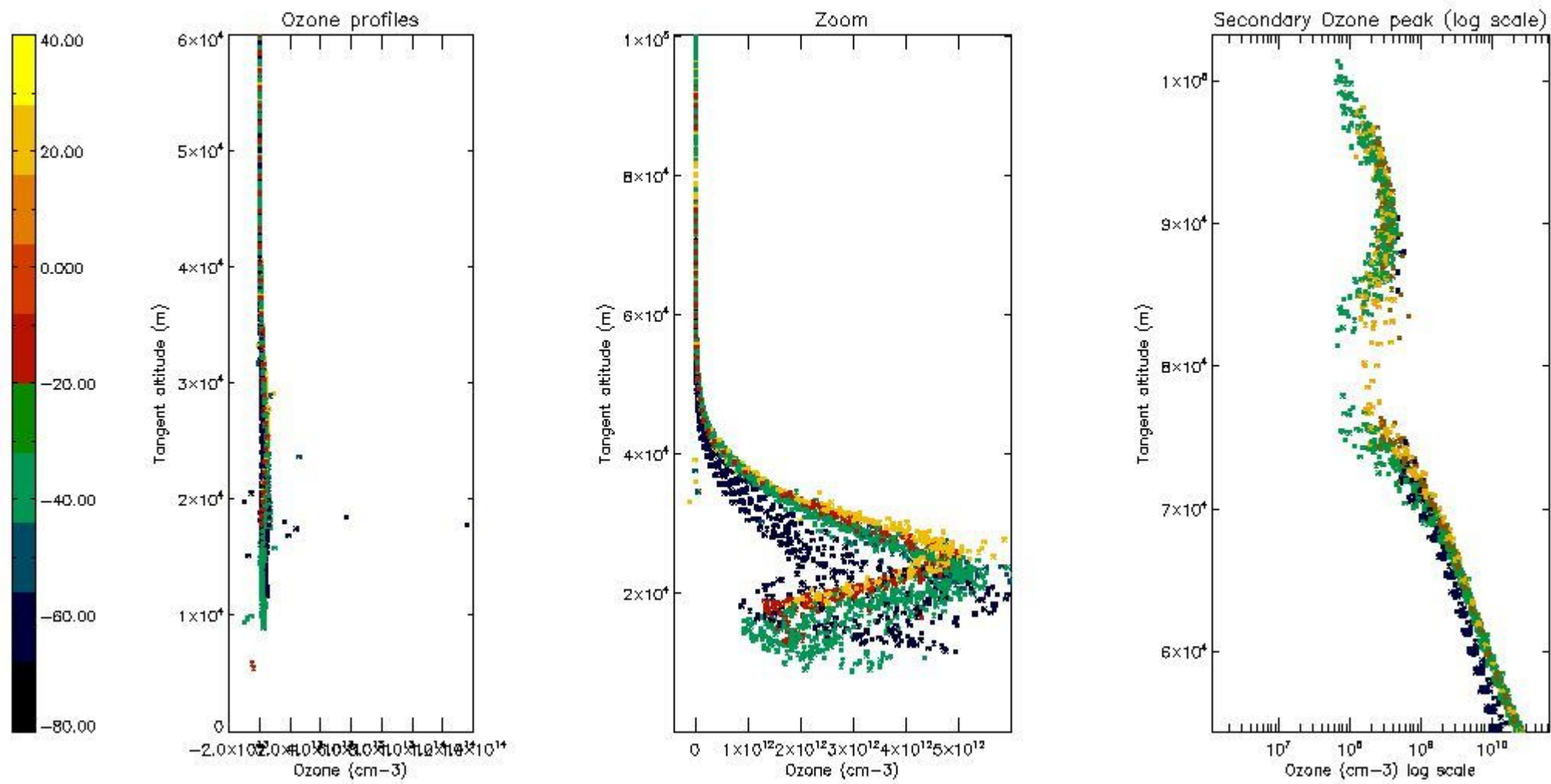
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



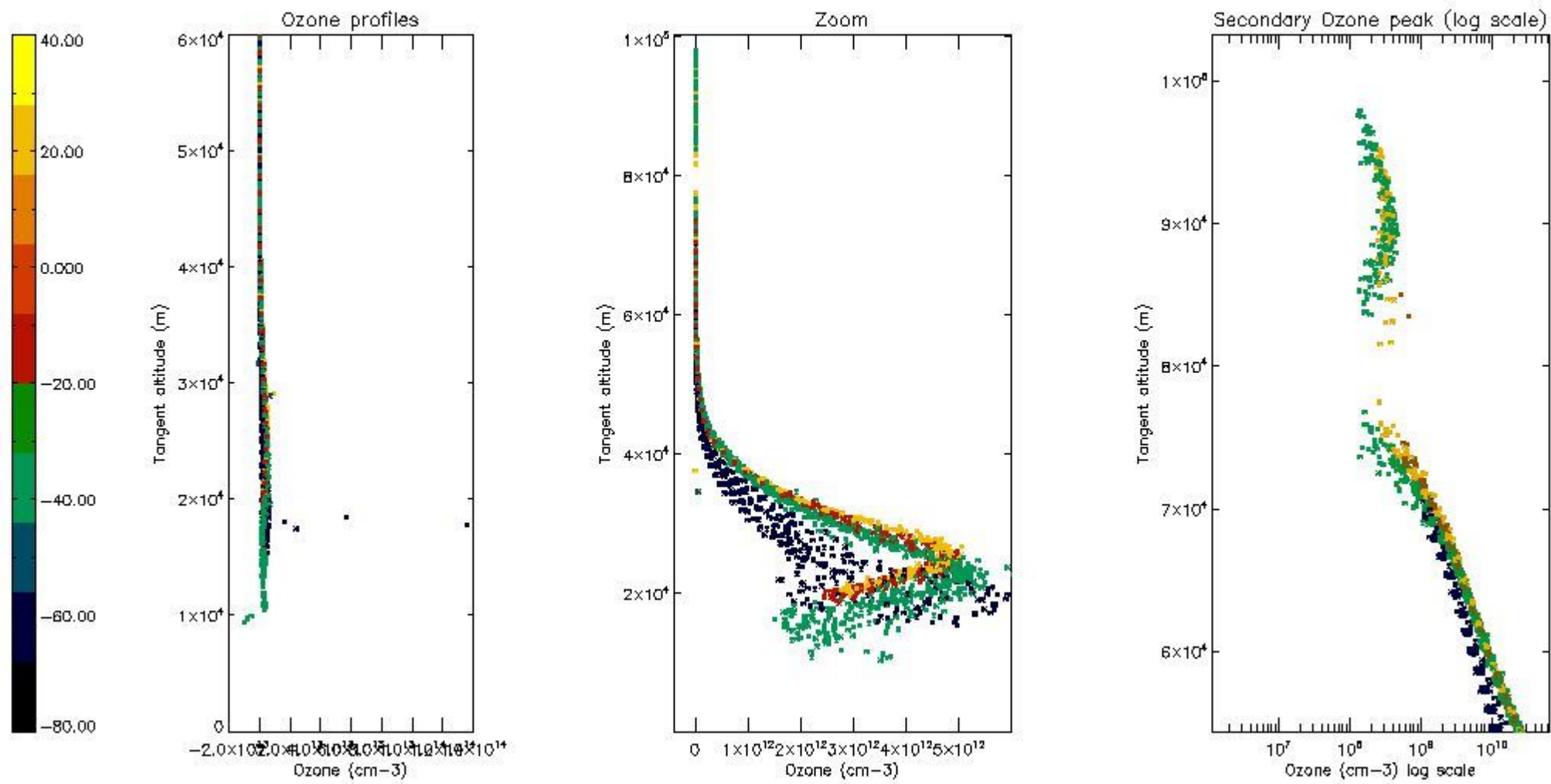
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



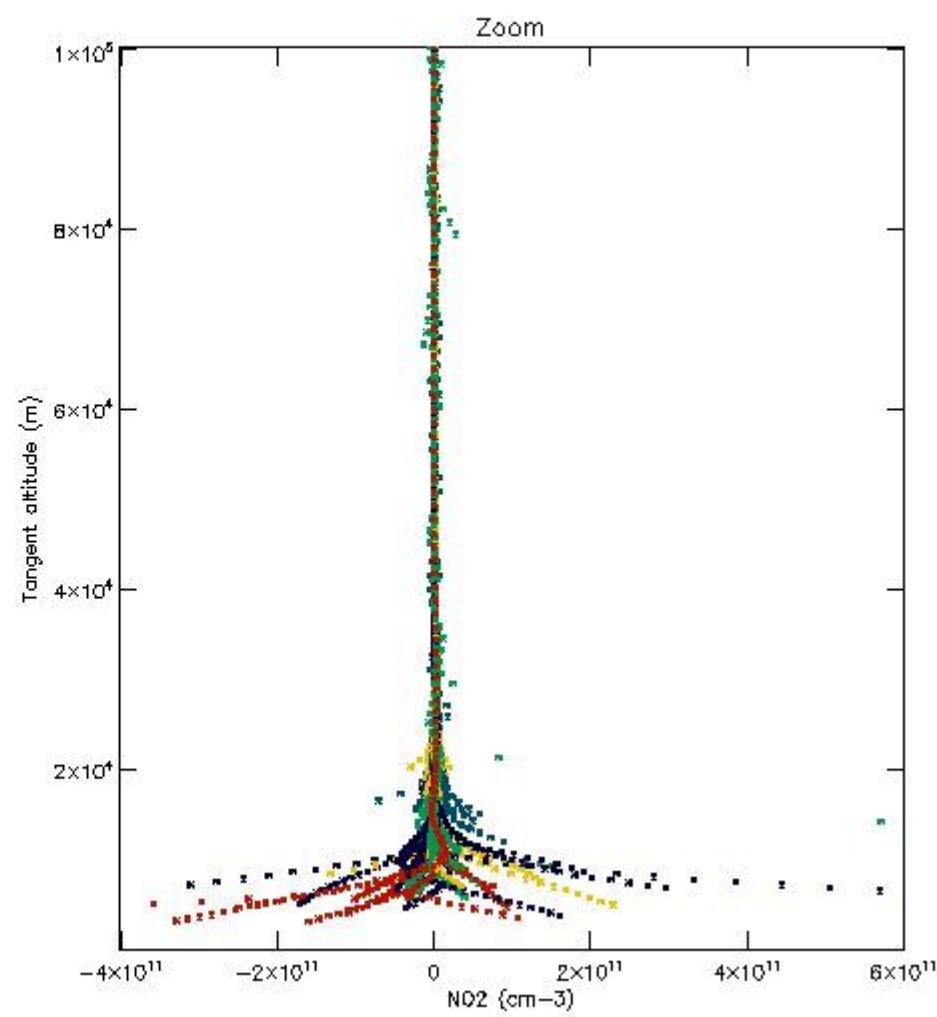
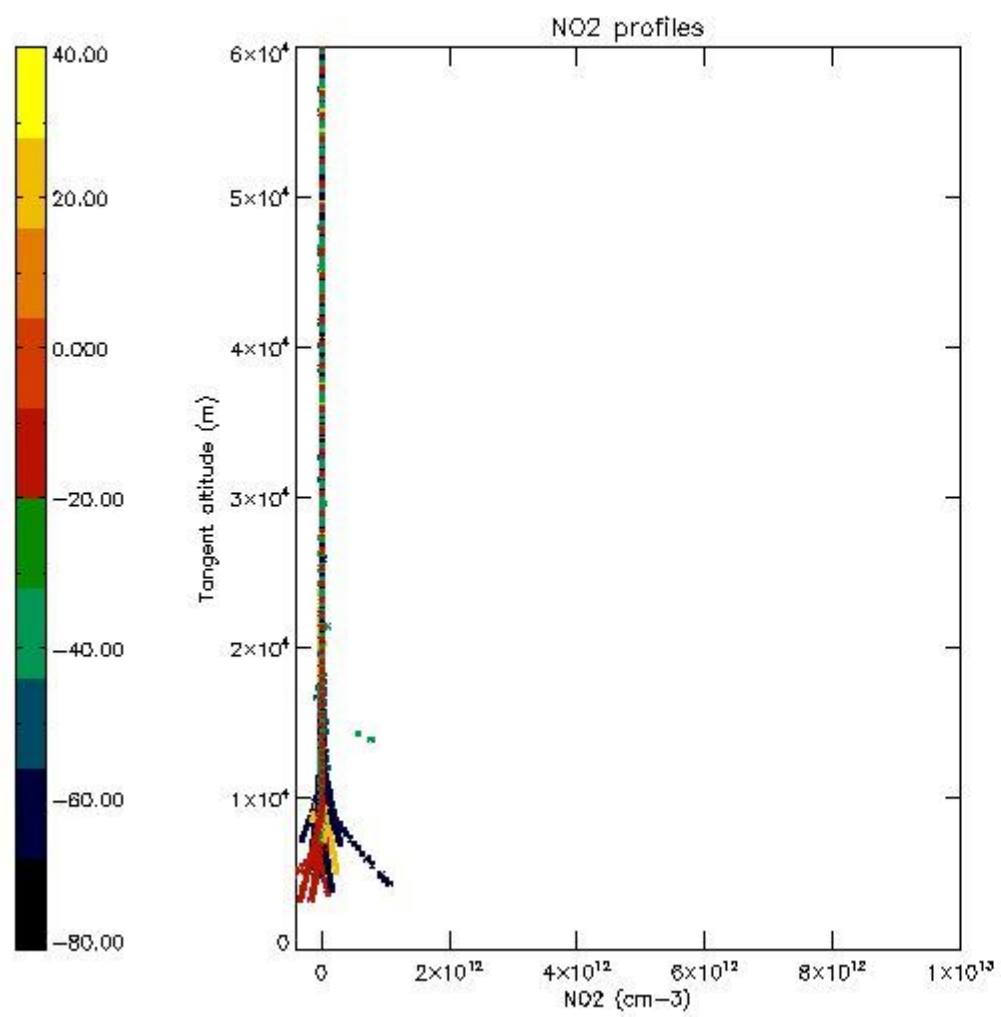
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



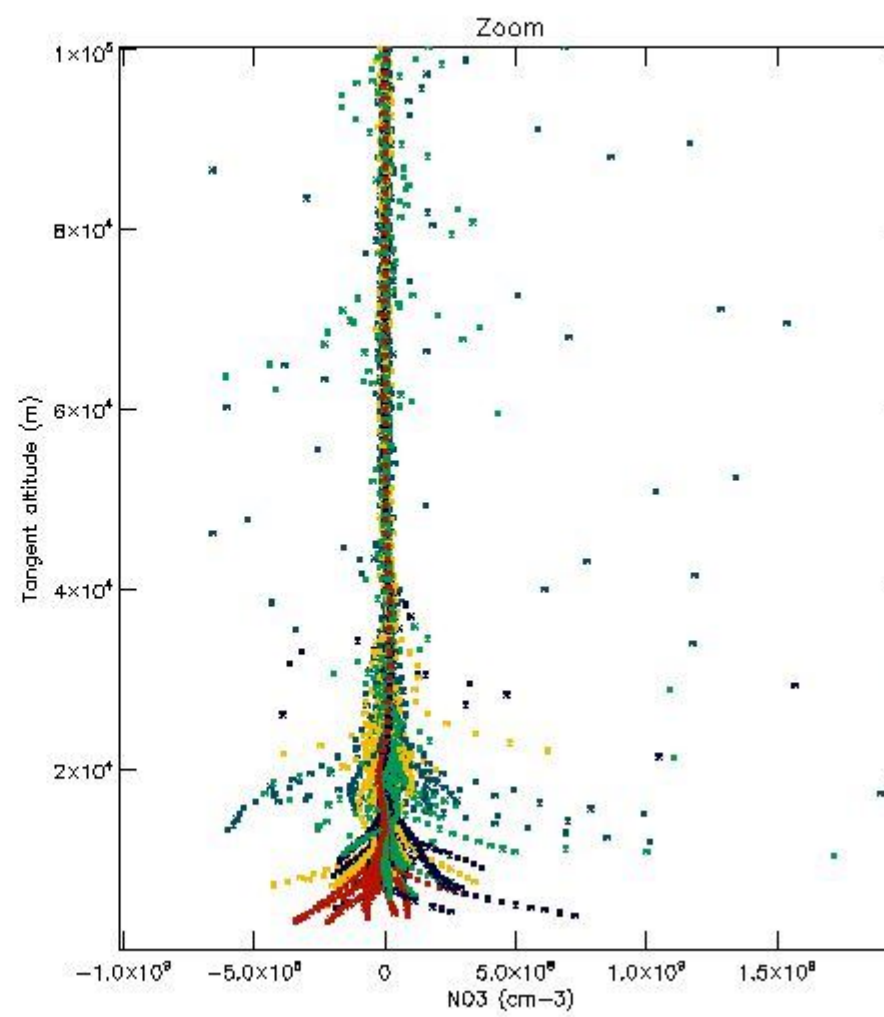
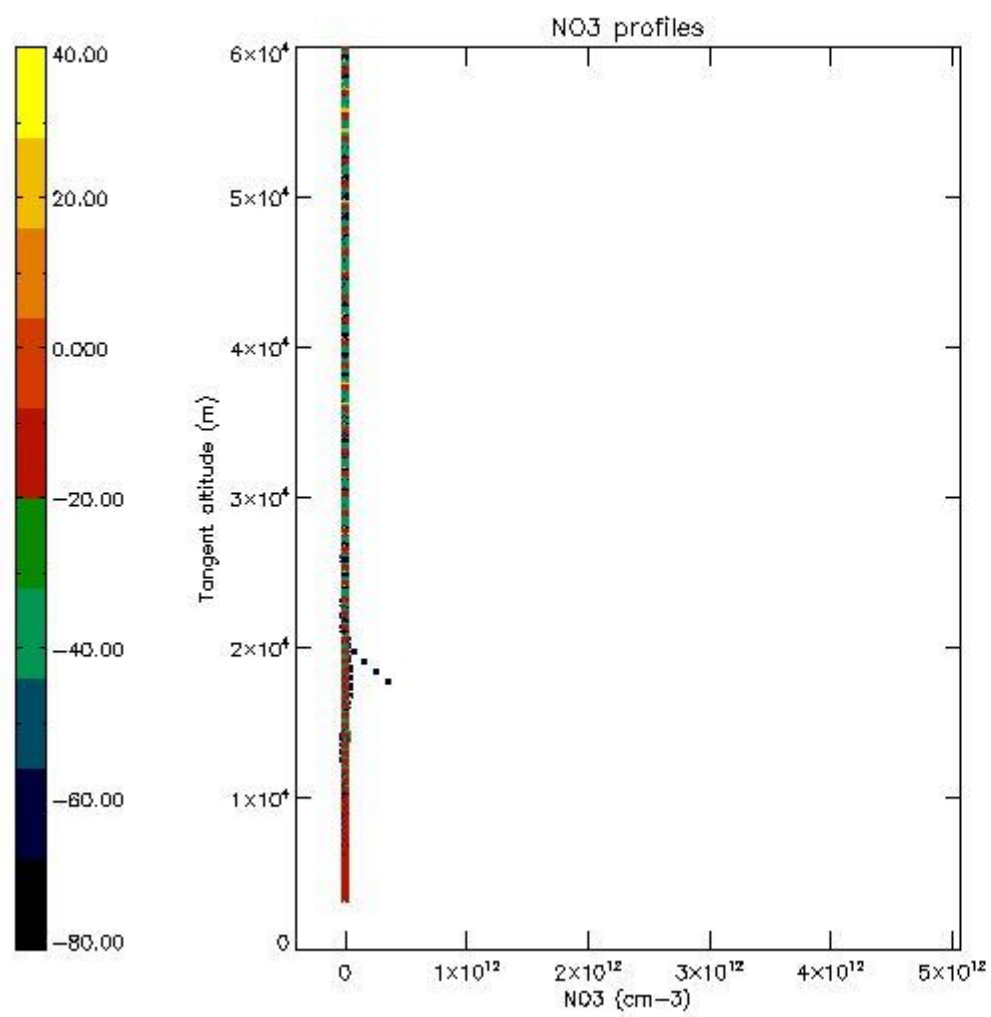
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



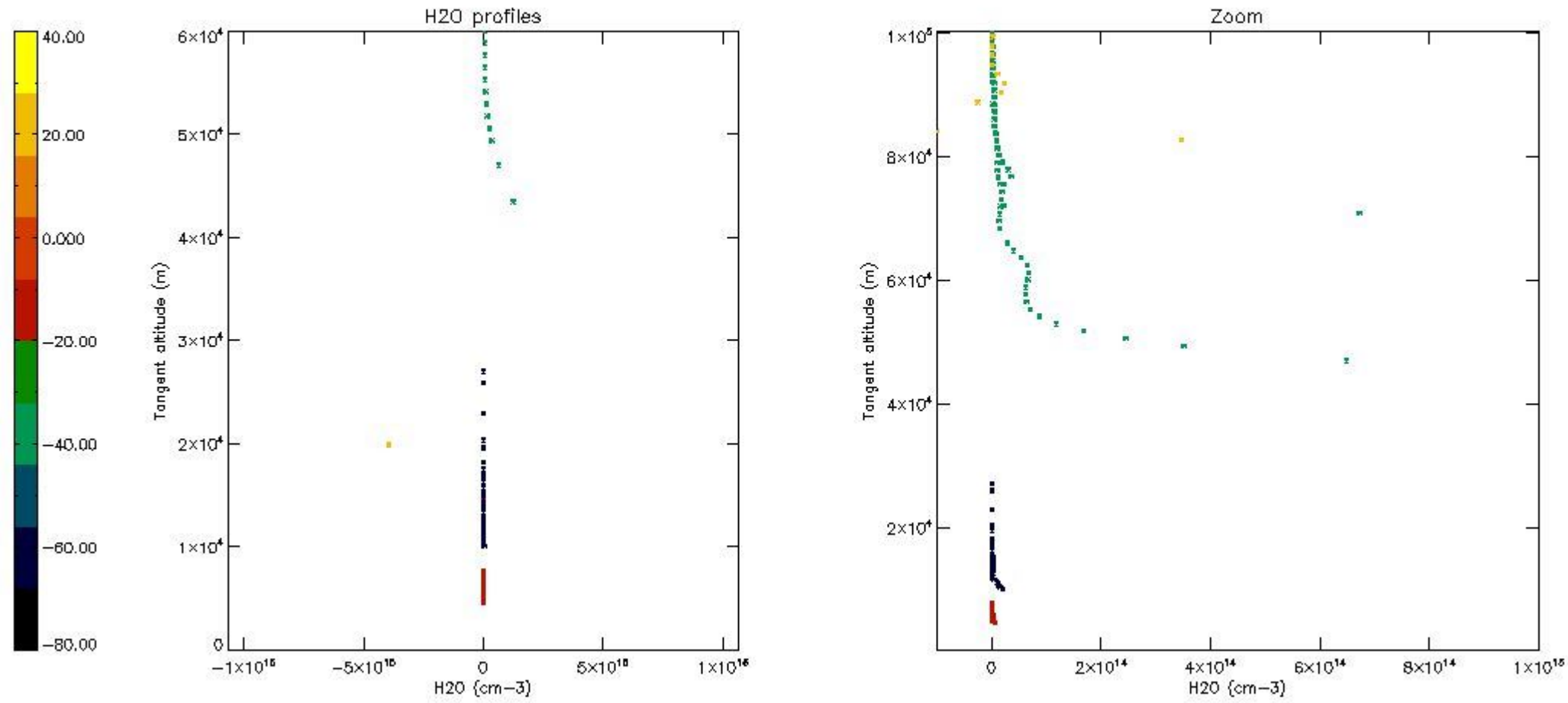
5.7 Plot NO₃ profiles for all STD (dark without errors)

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)

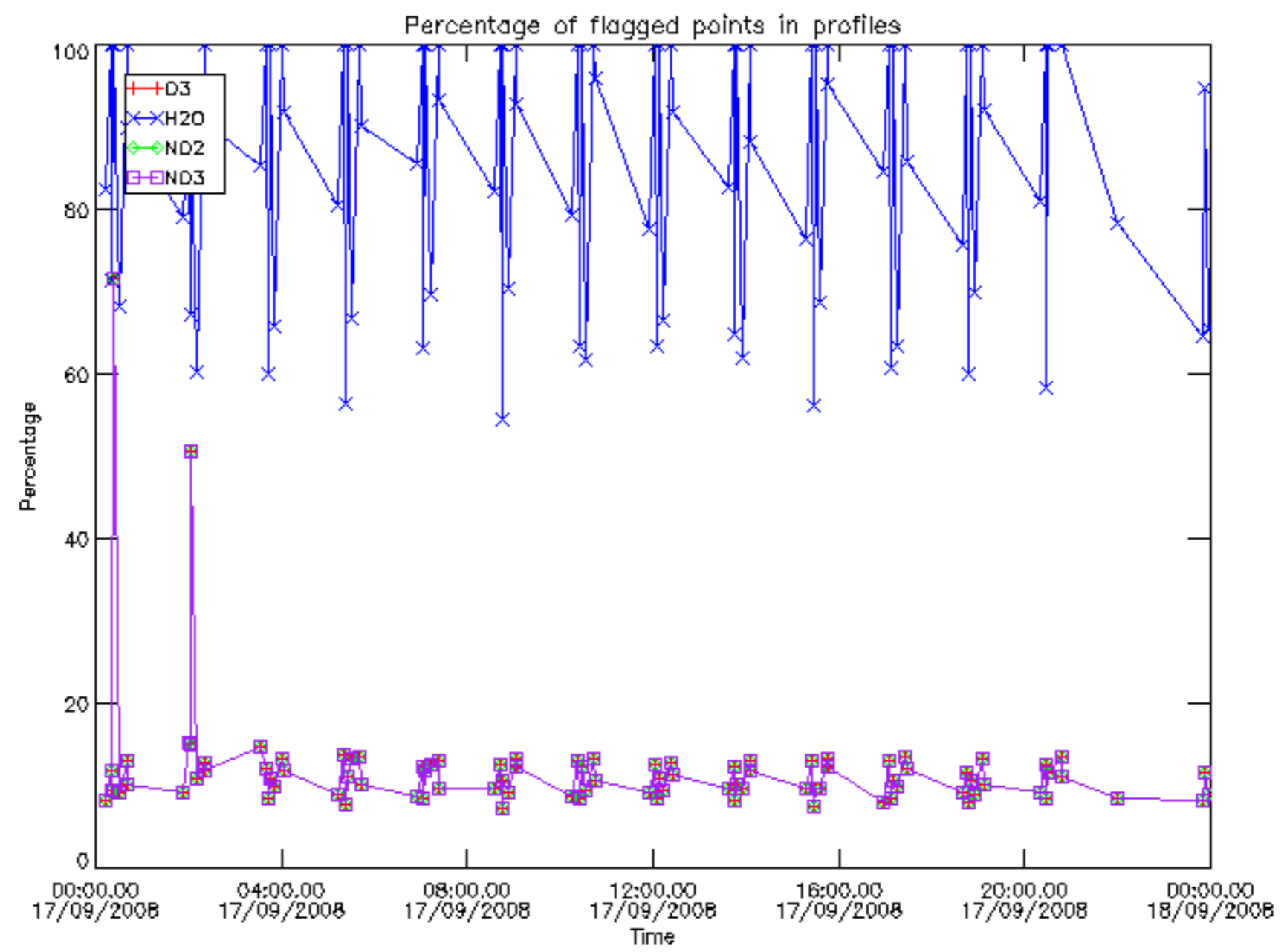
The colorbar represents the latitude.



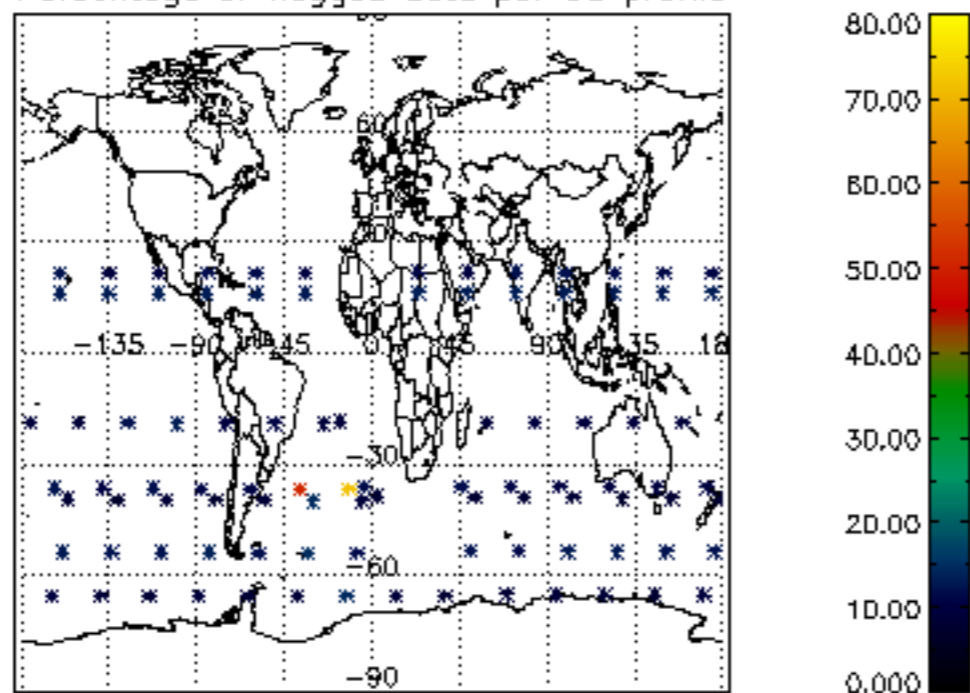
6. Auxiliary Data Files used for the production reported in section 2

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.

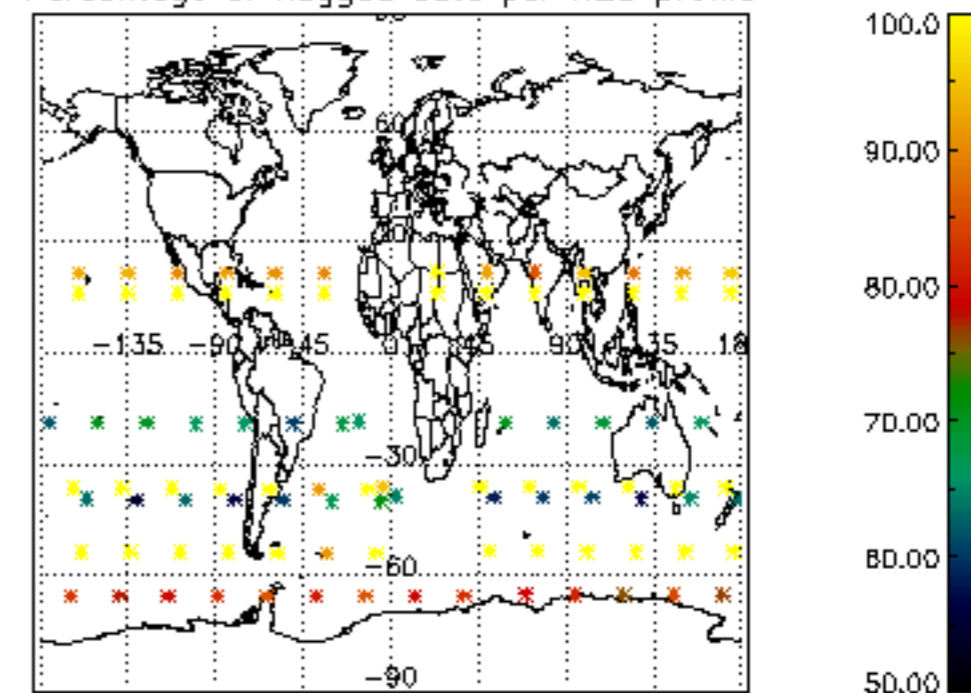
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-SEP-2008 00:03:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-SEP-2008 00:03:04
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-SEP-2008 00:03:04



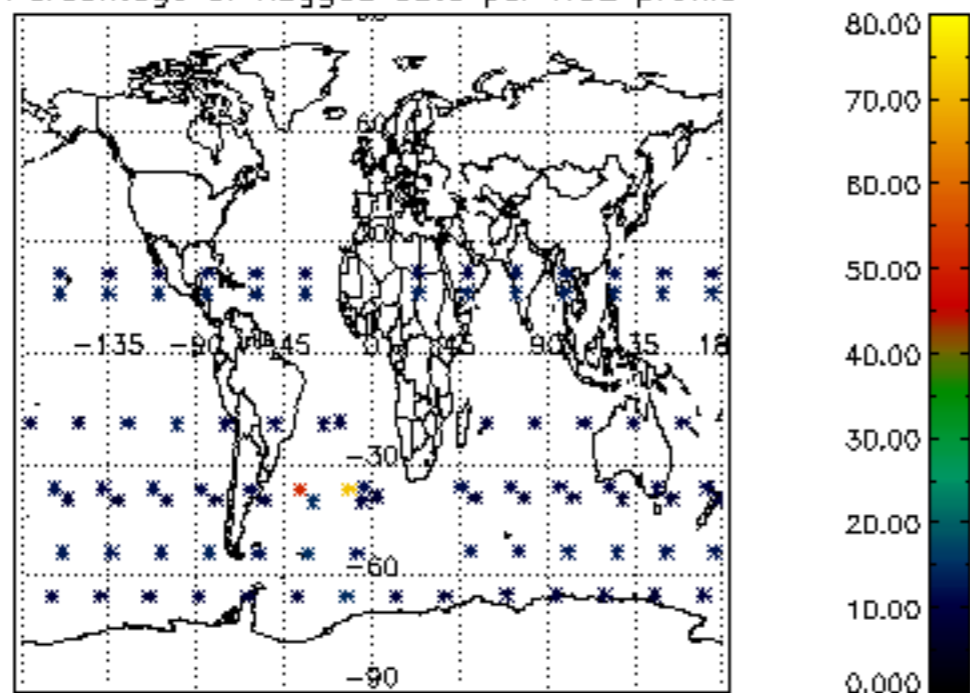
Percentage of flagged data per D3 profile



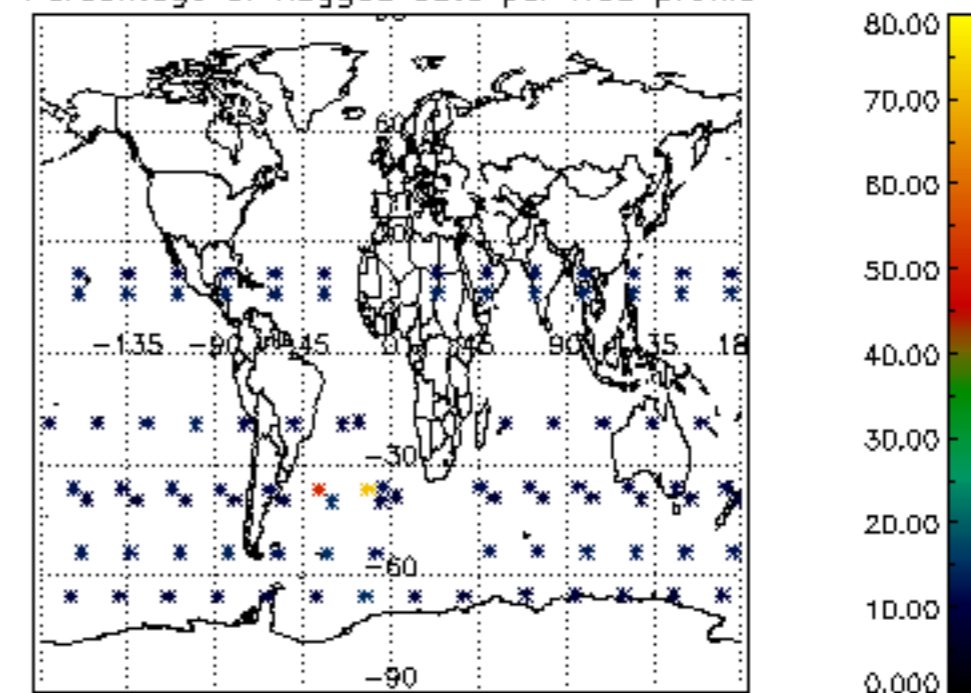
Percentage of flagged data per H2O profile

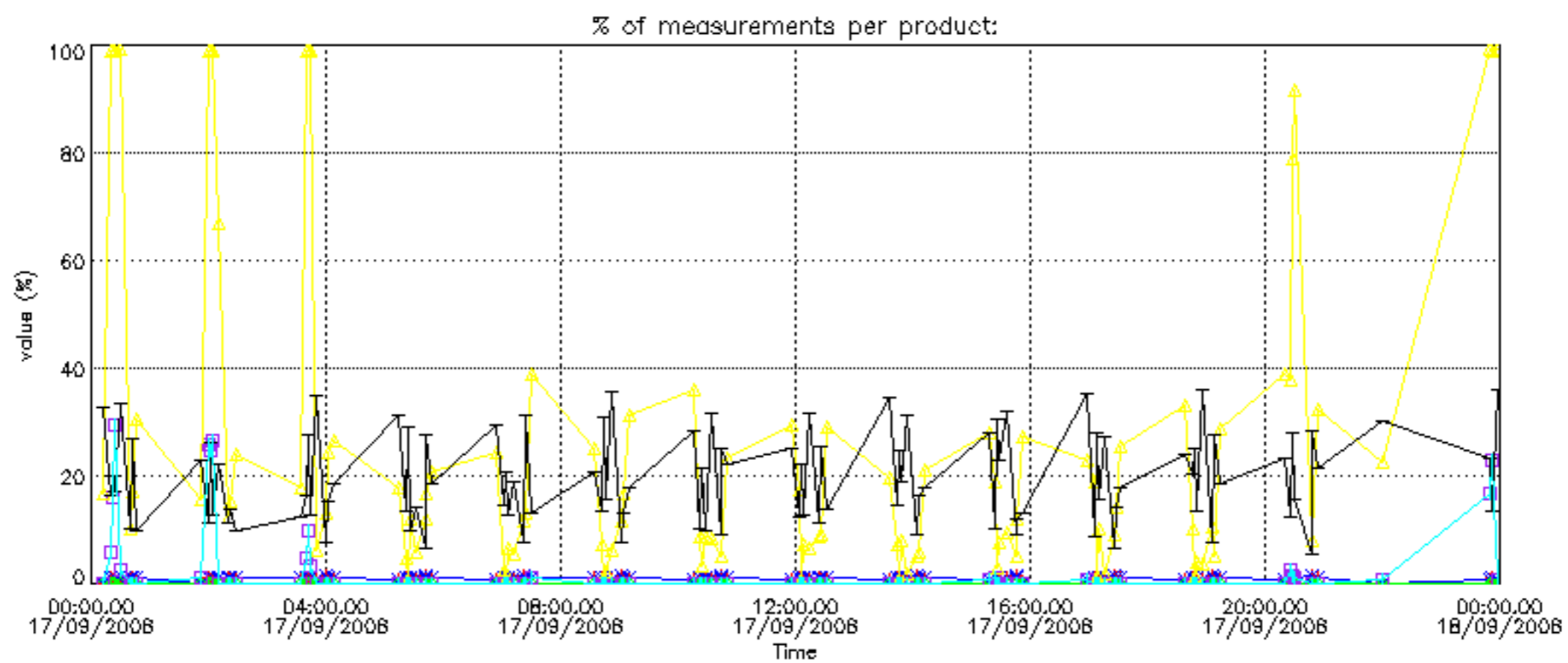


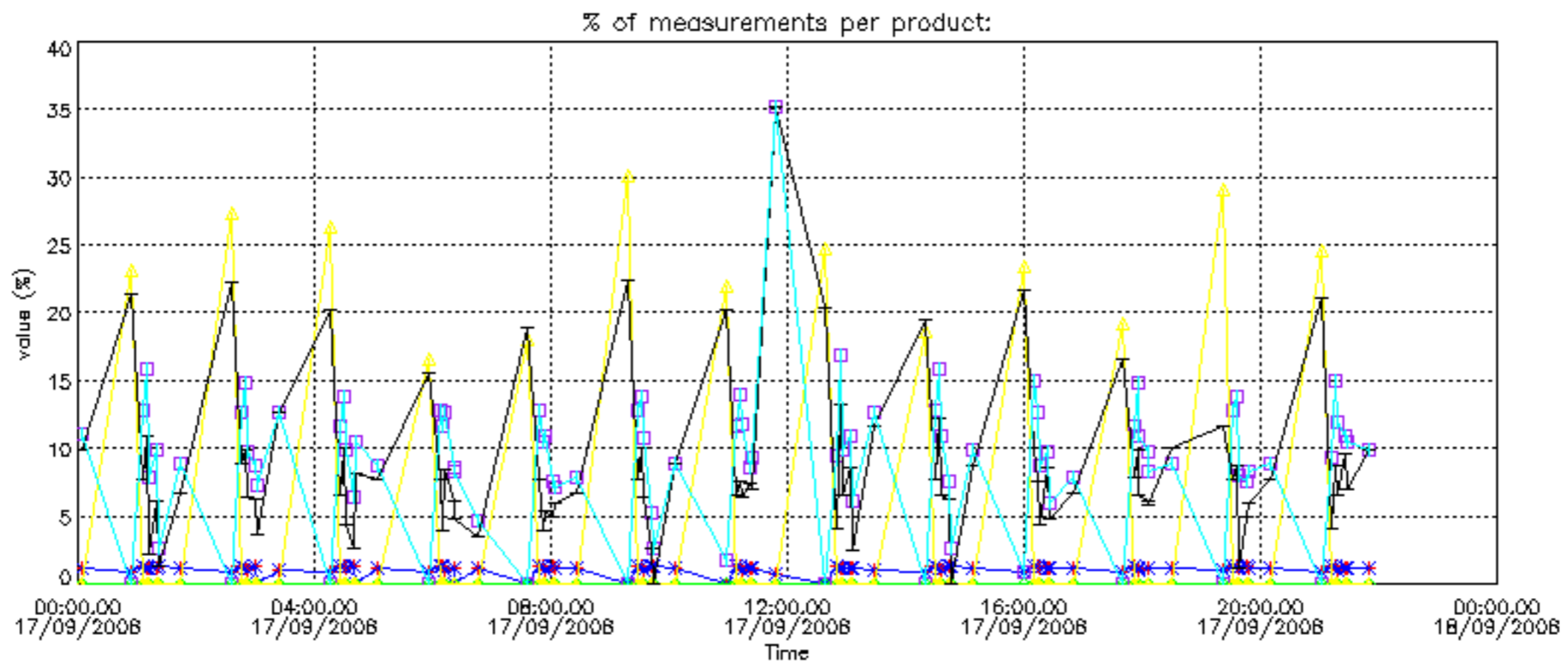
Percentage of flagged data per NO2 profile



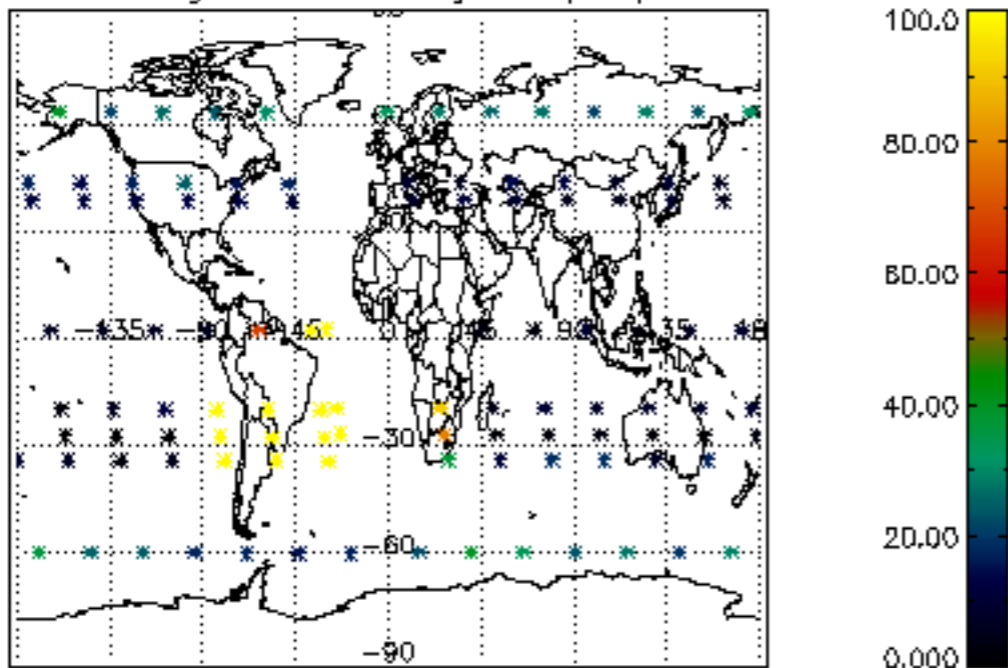
Percentage of flagged data per NO3 profile



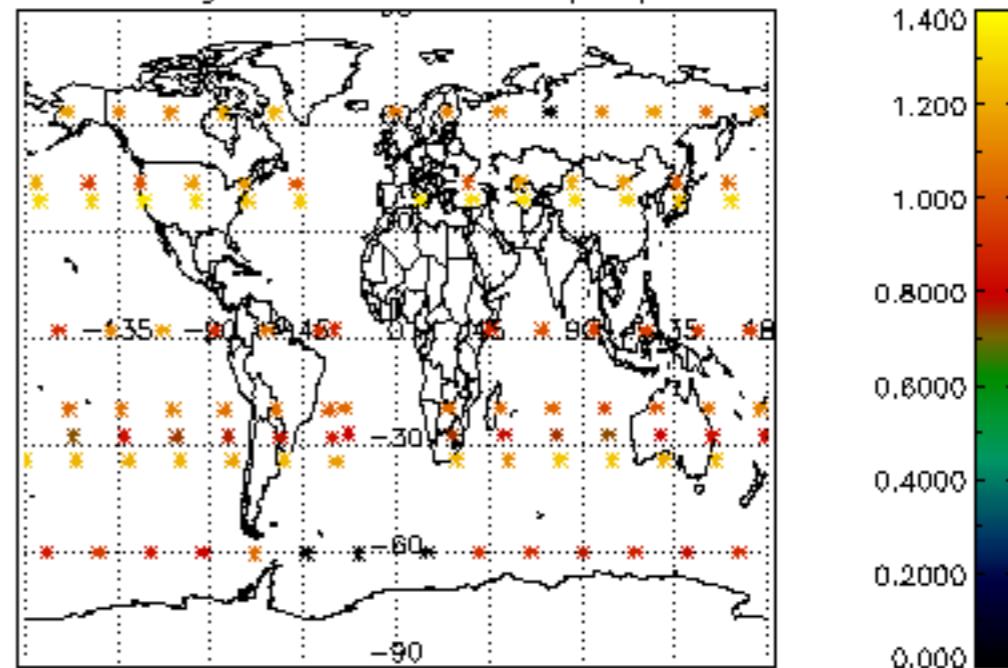




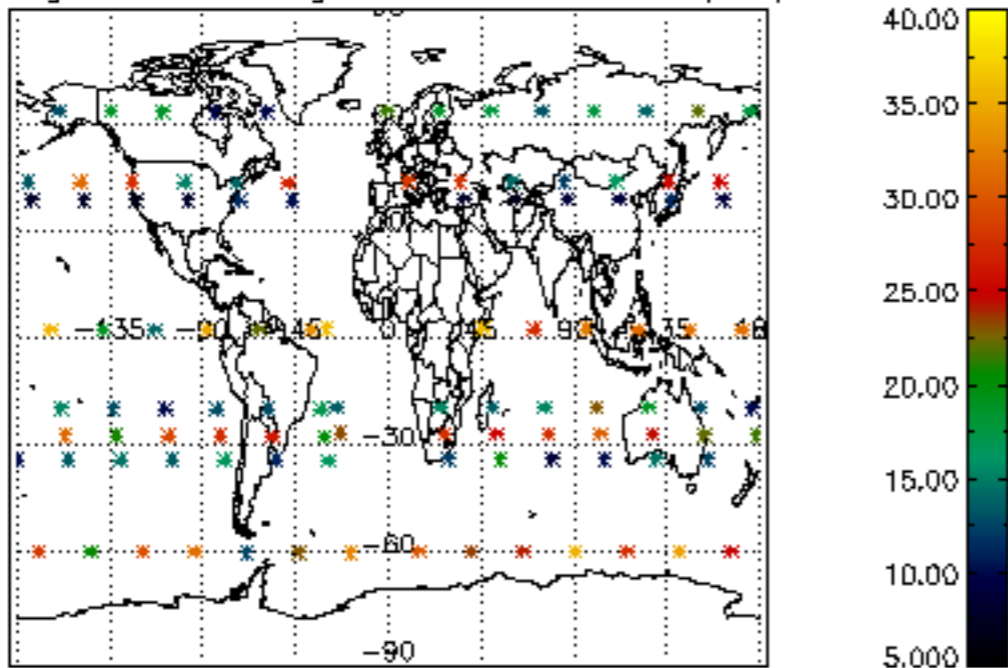
Percentage of cosmic ray hits per profile



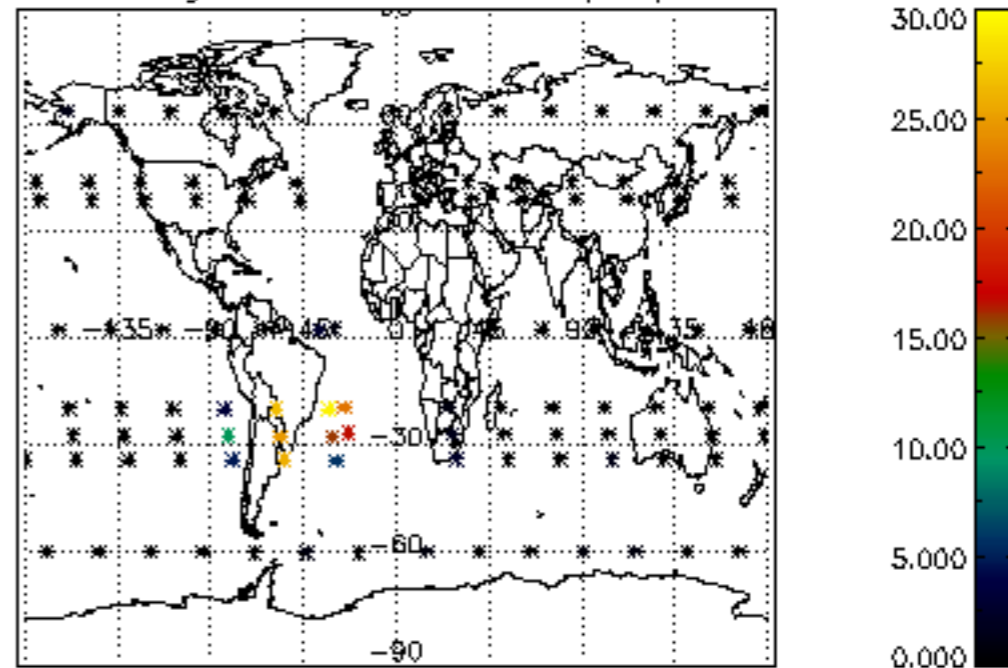
Percentage of datation errors per profile



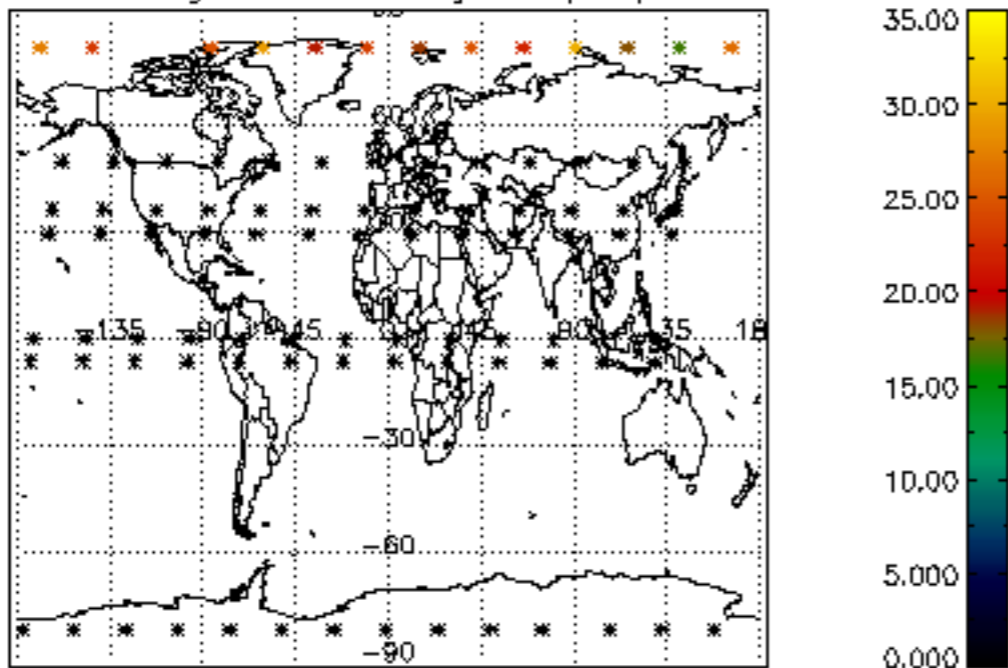
Percentage of star falling outside central band per profile



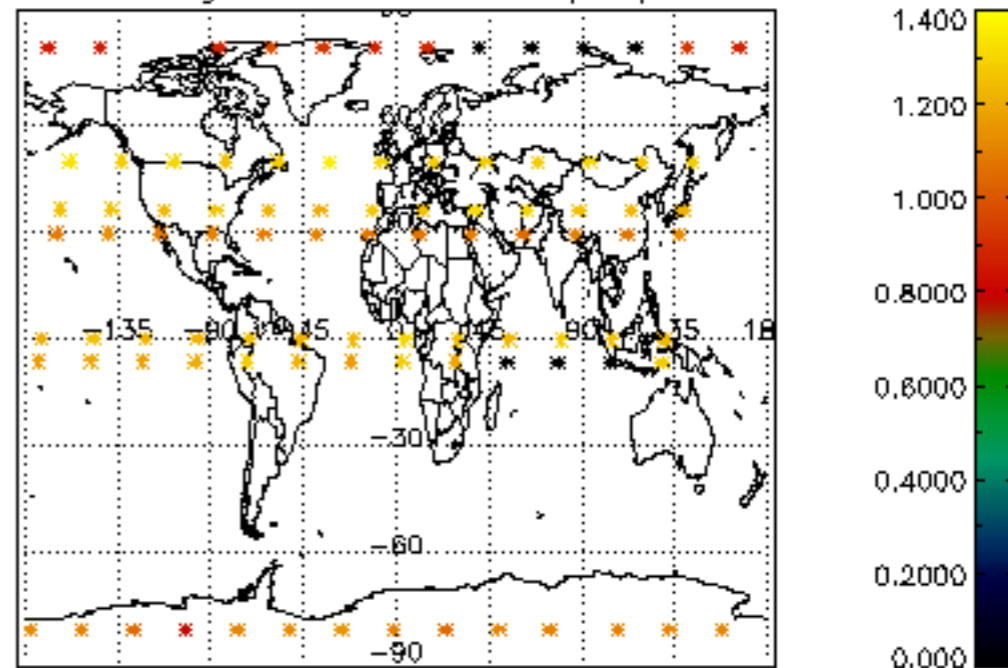
Percentage of saturation errors per profile



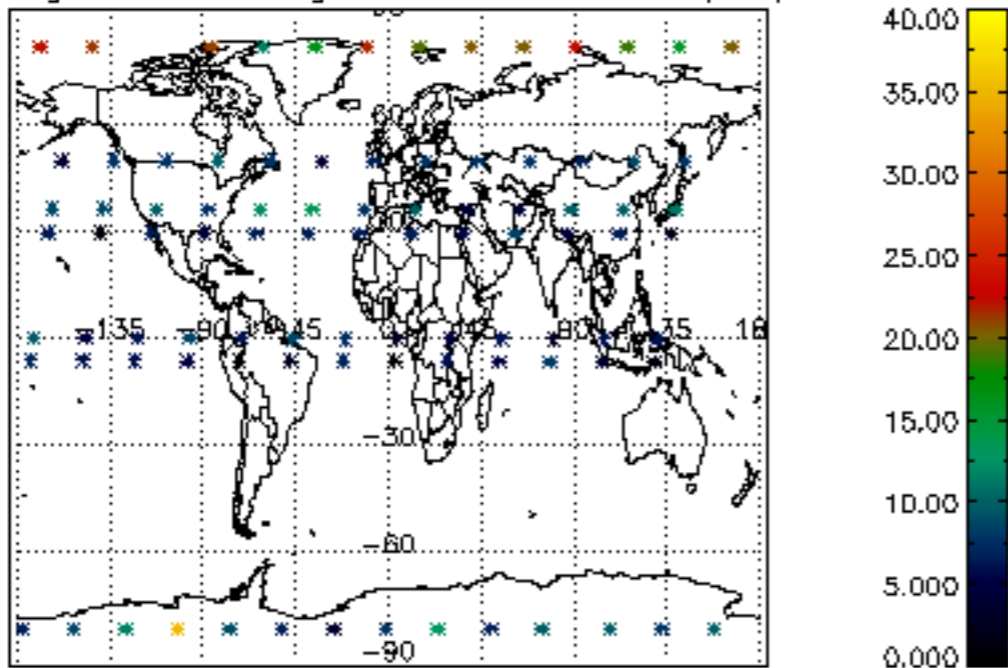
Percentage of cosmic ray hits per profile



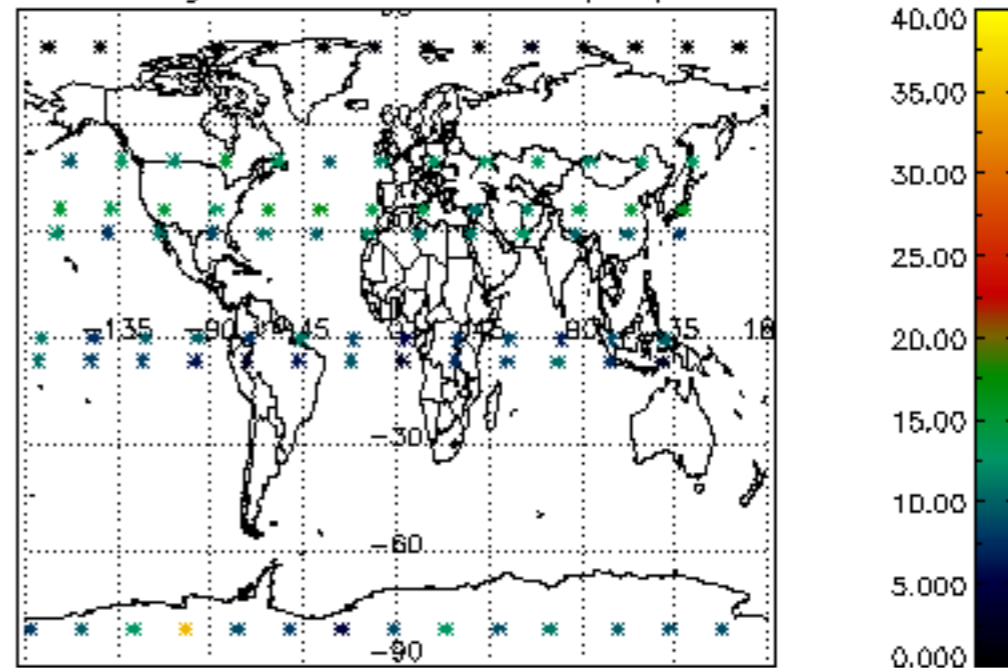
Percentage of datation errors per profile

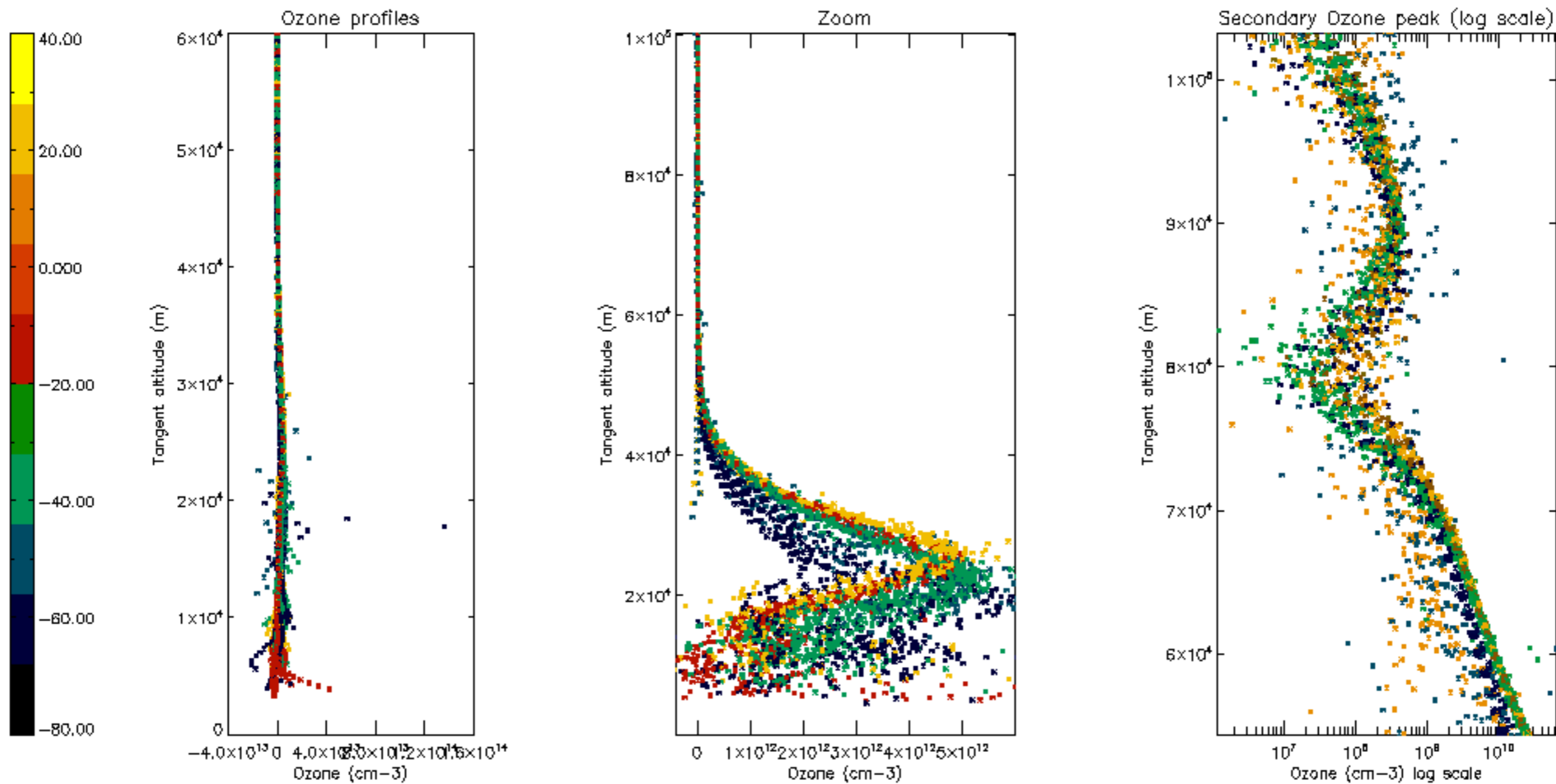


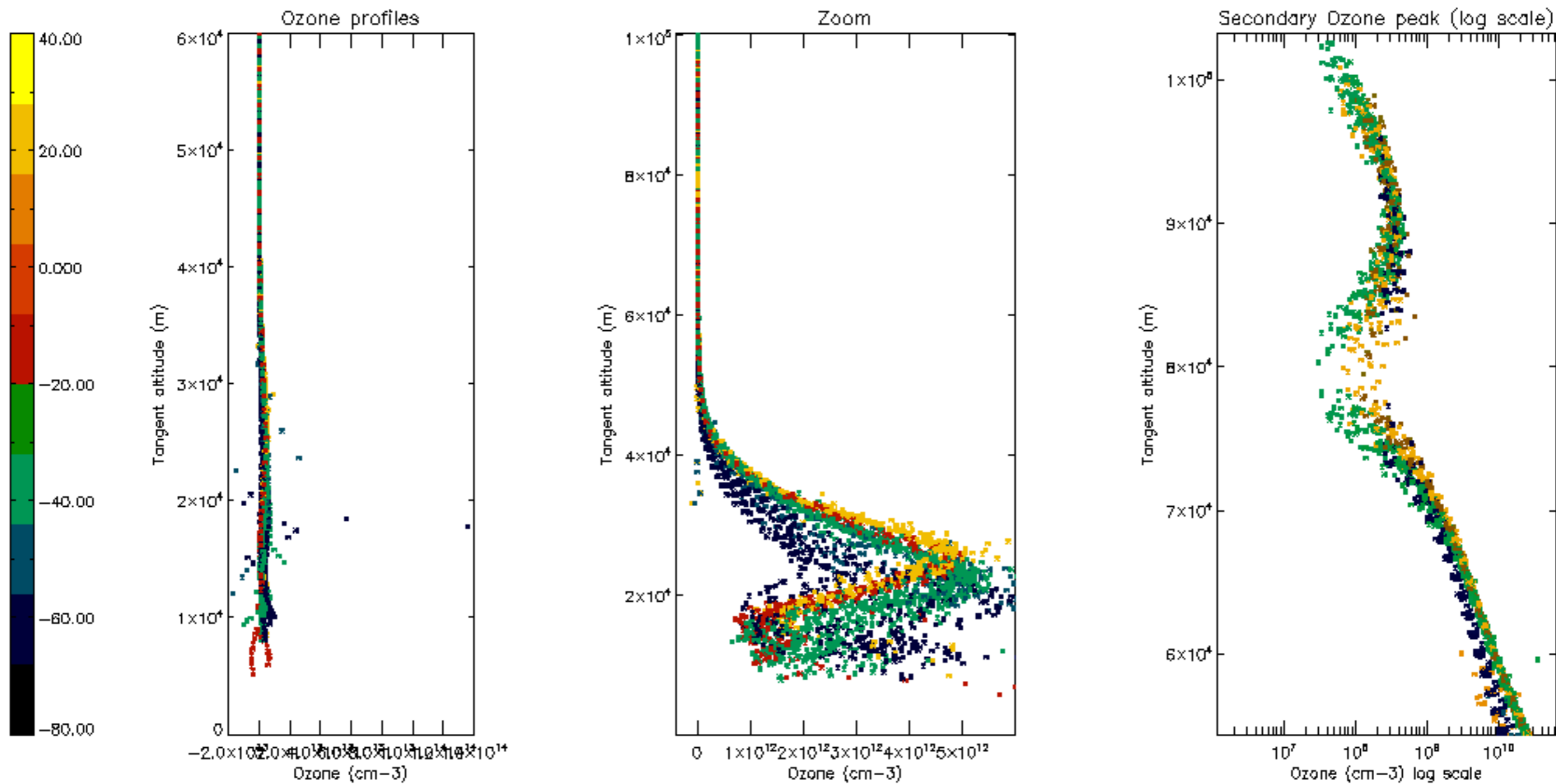
Percentage of star falling outside central band per profile

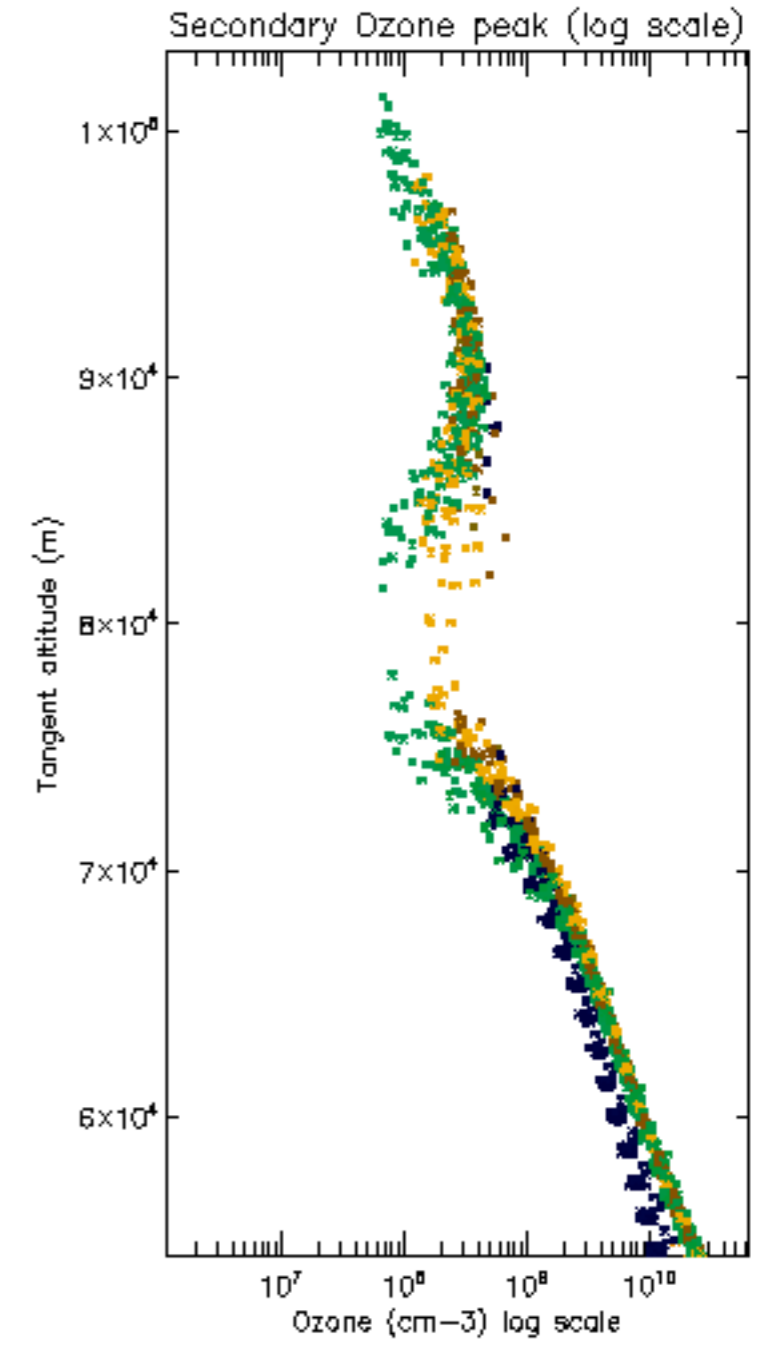
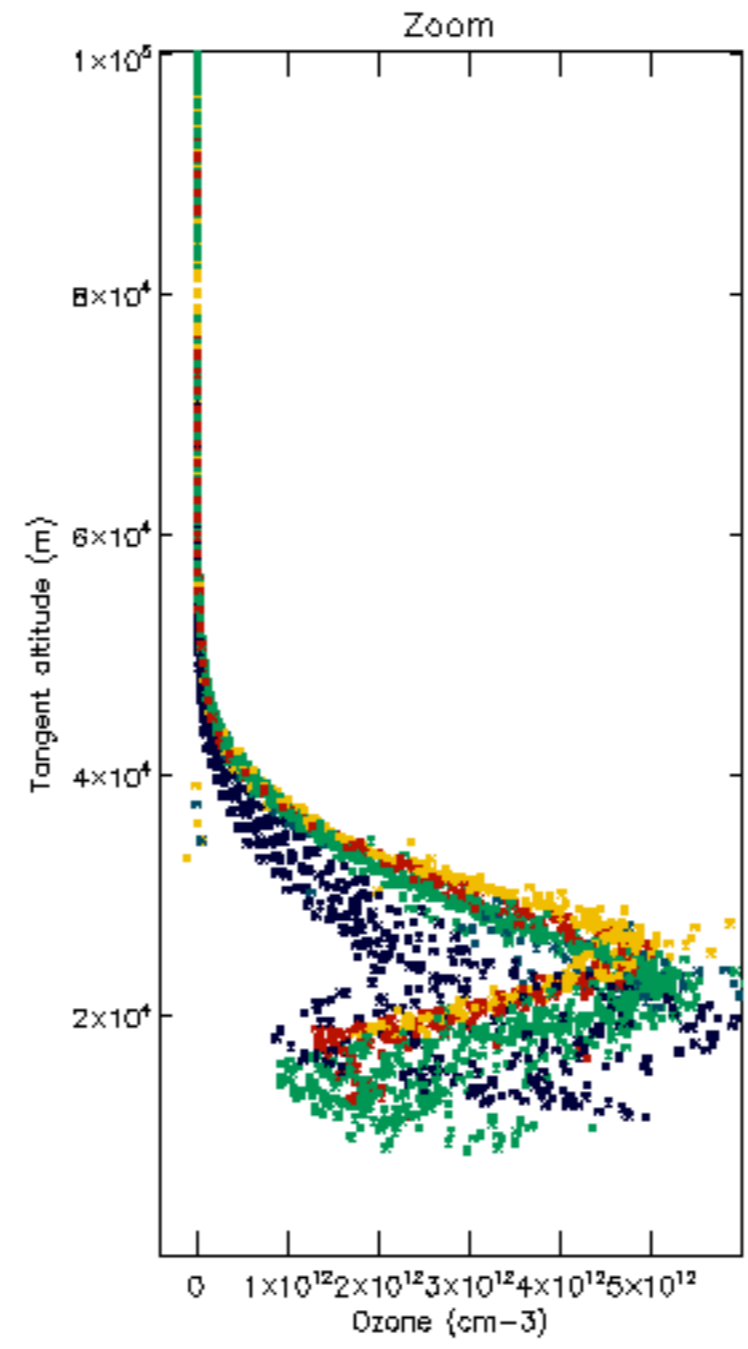
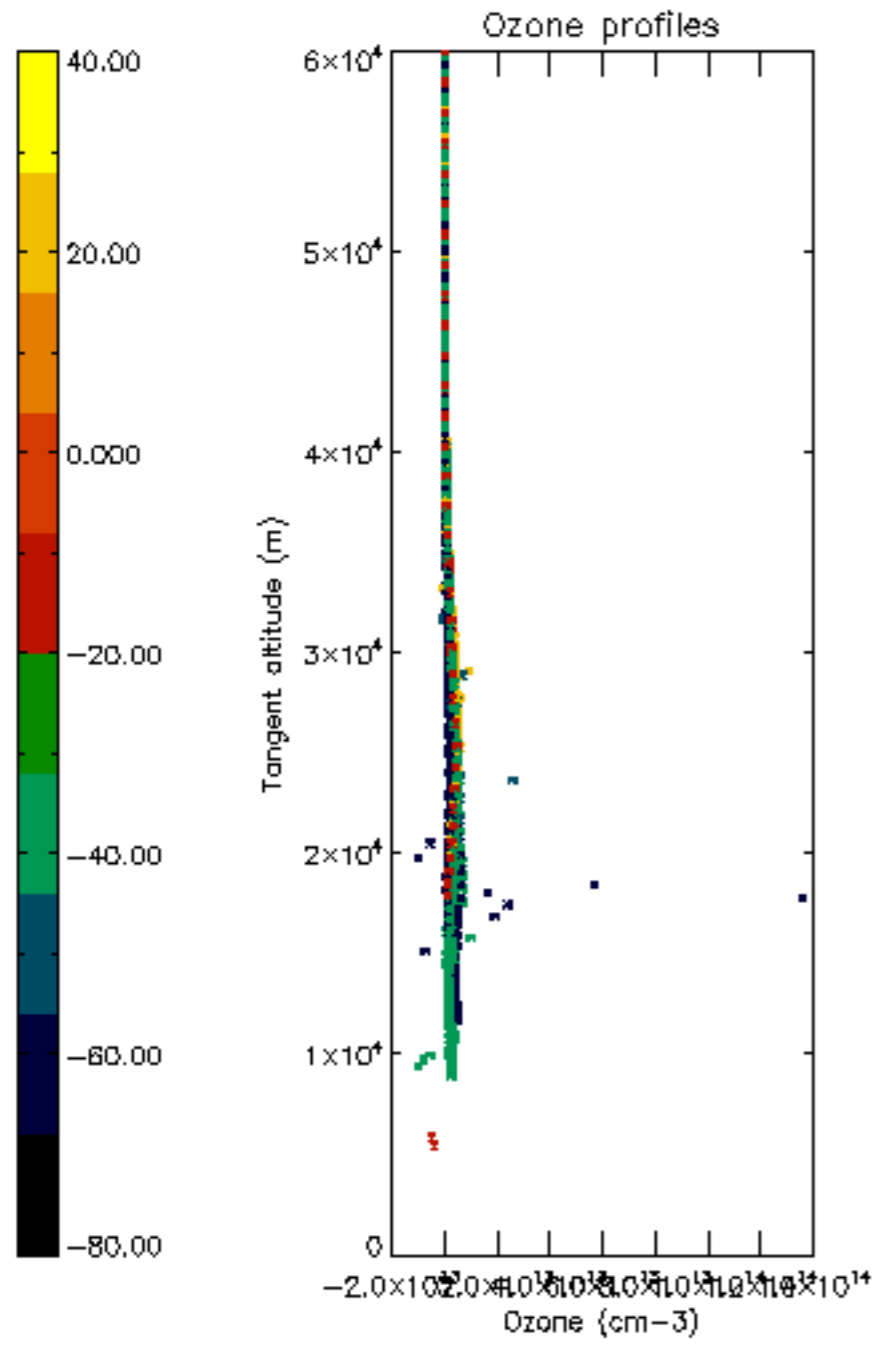


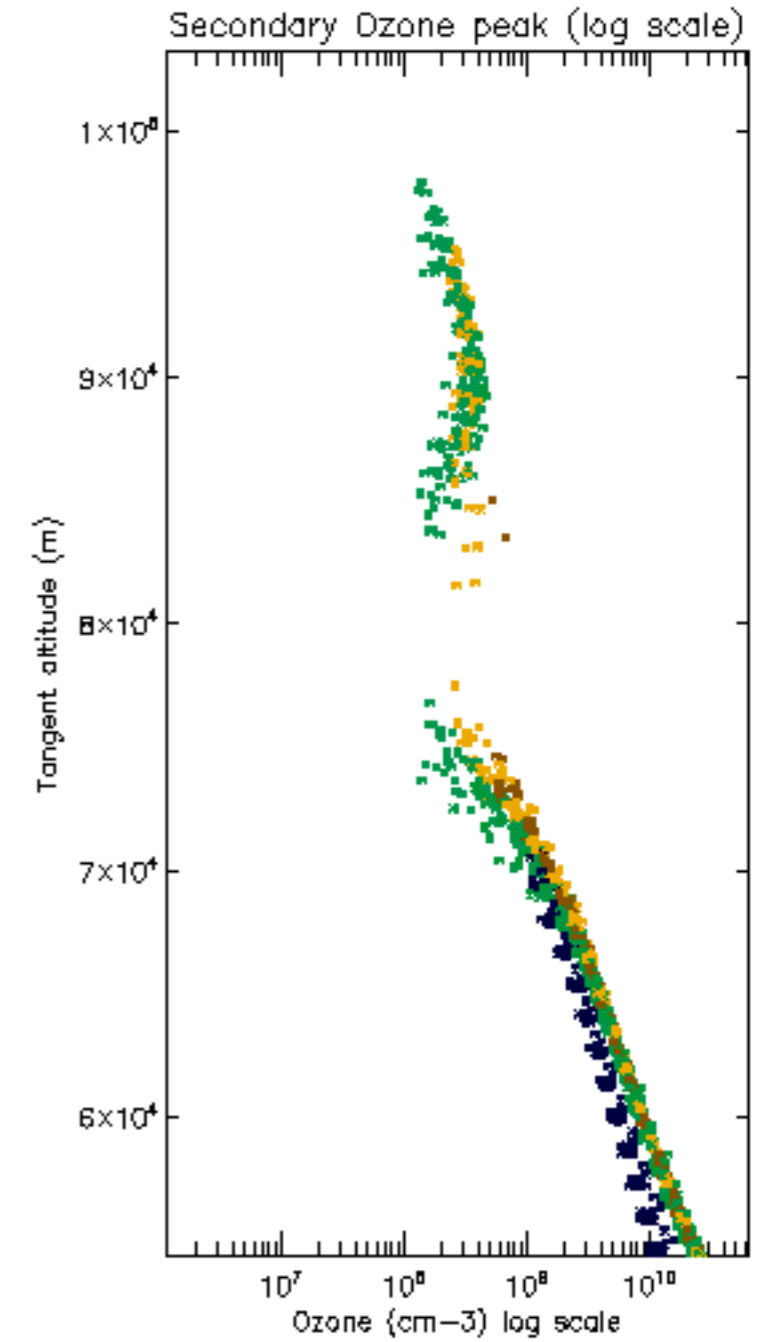
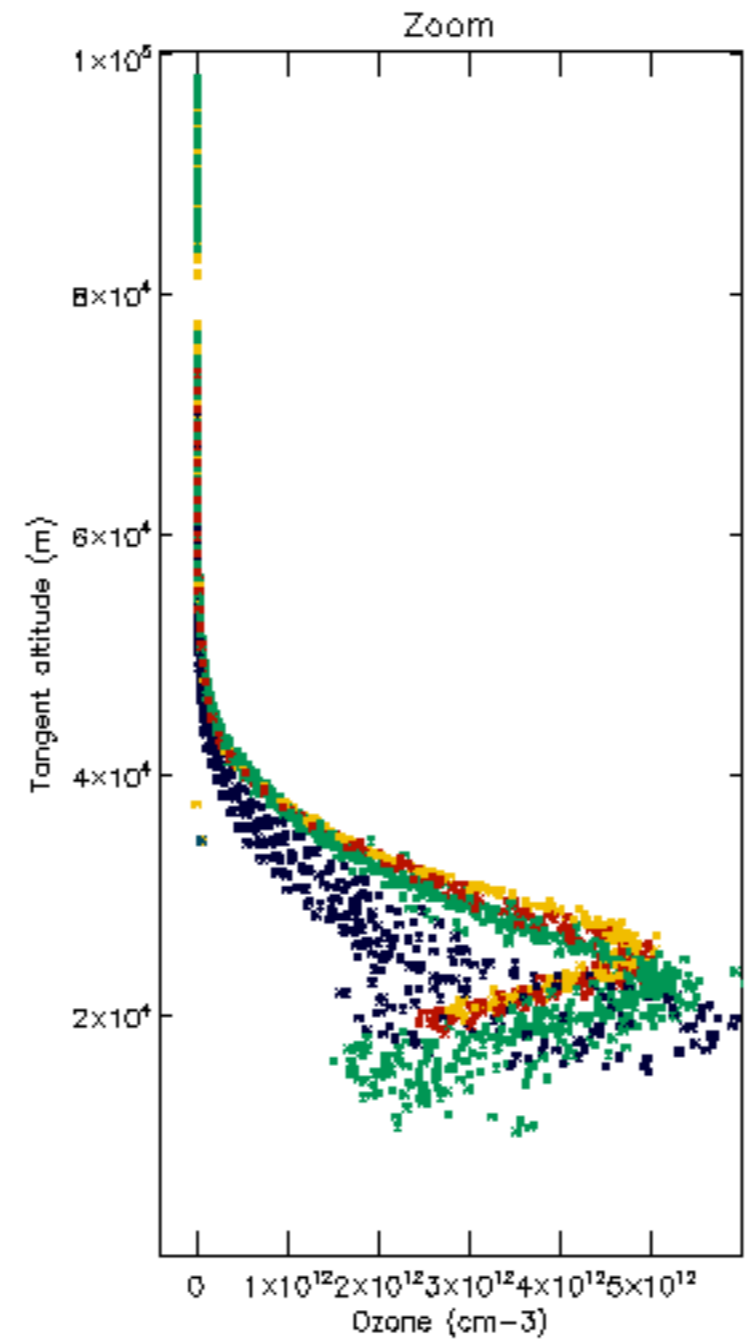
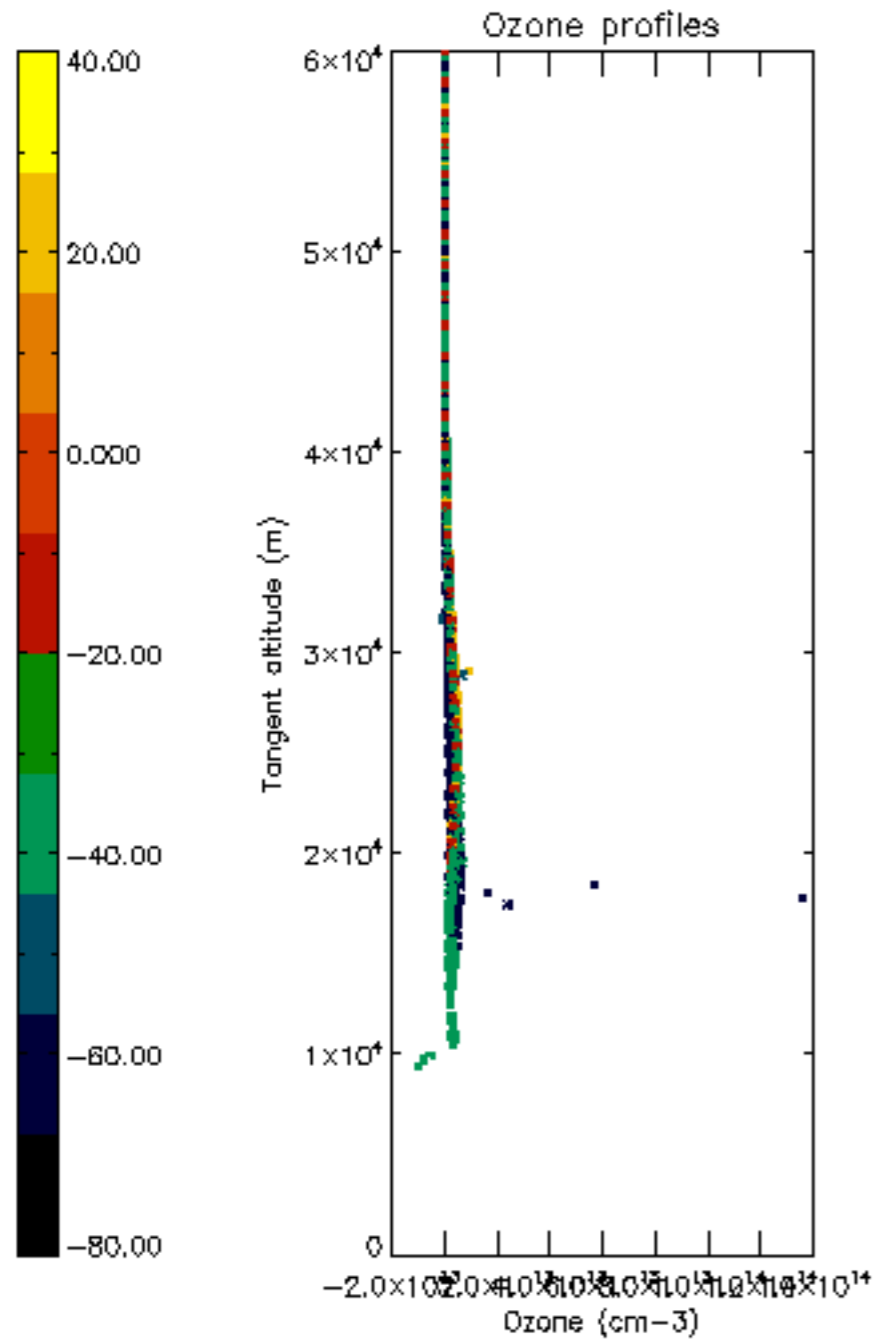
Percentage of saturation errors per profile

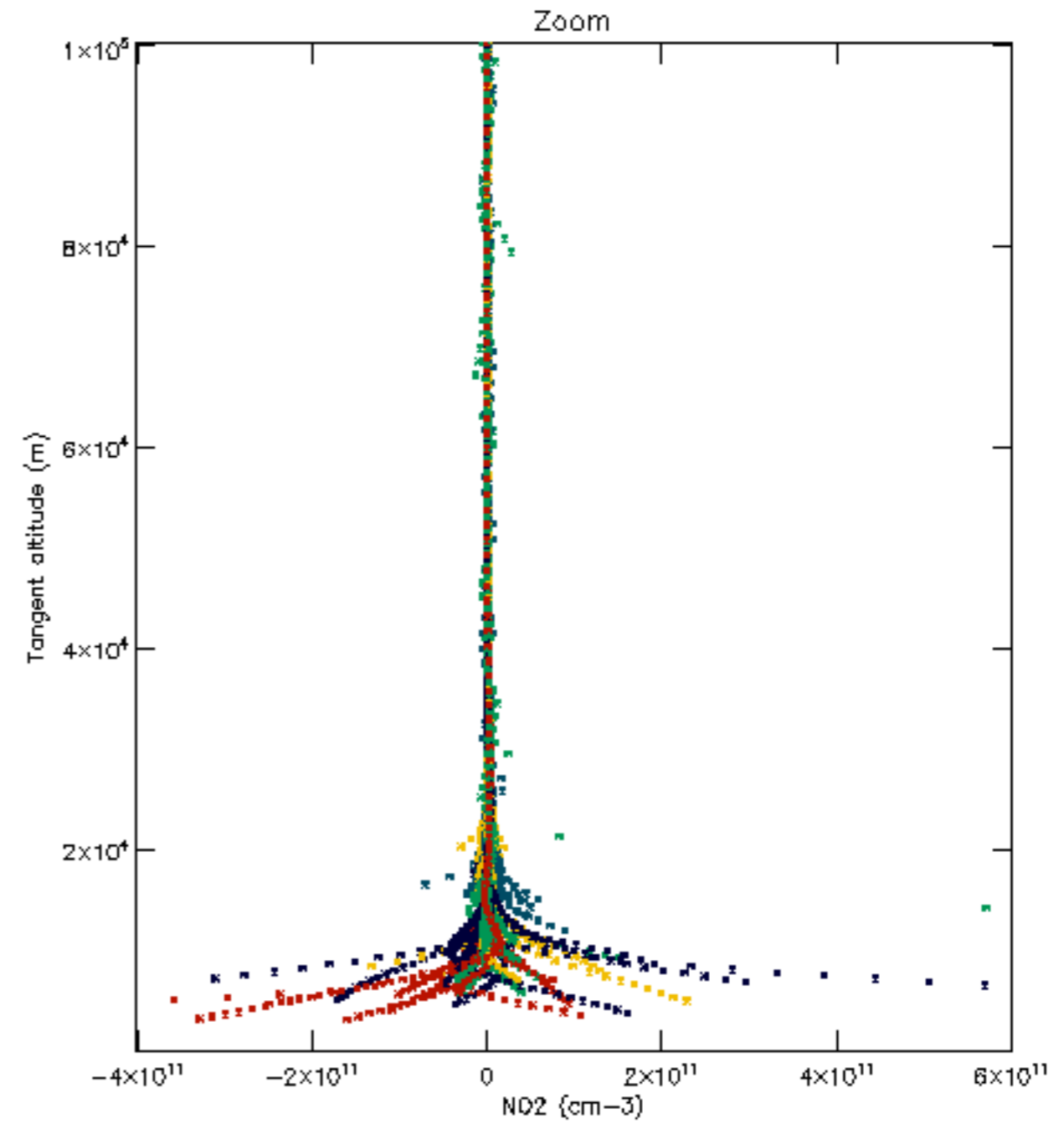
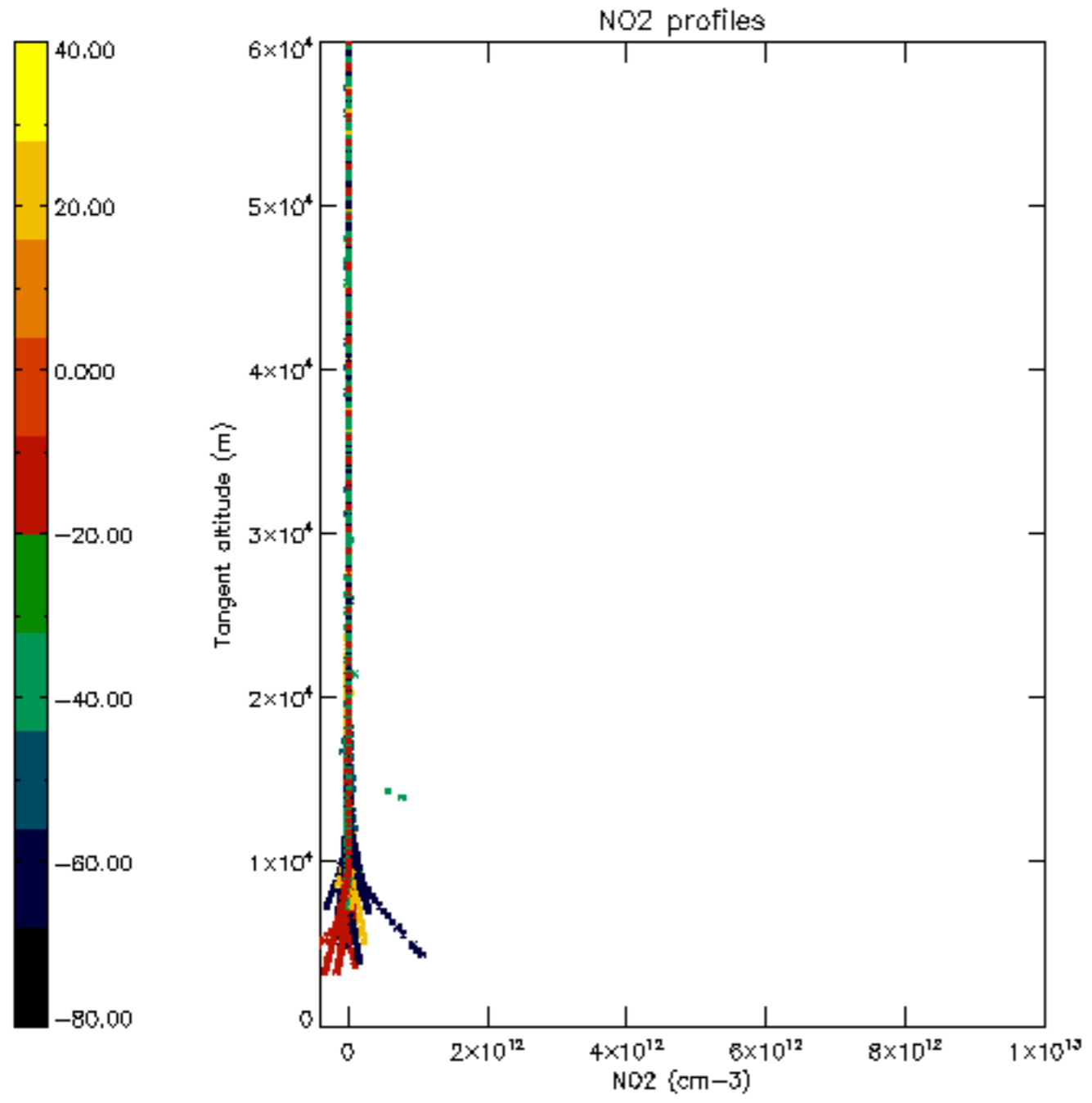


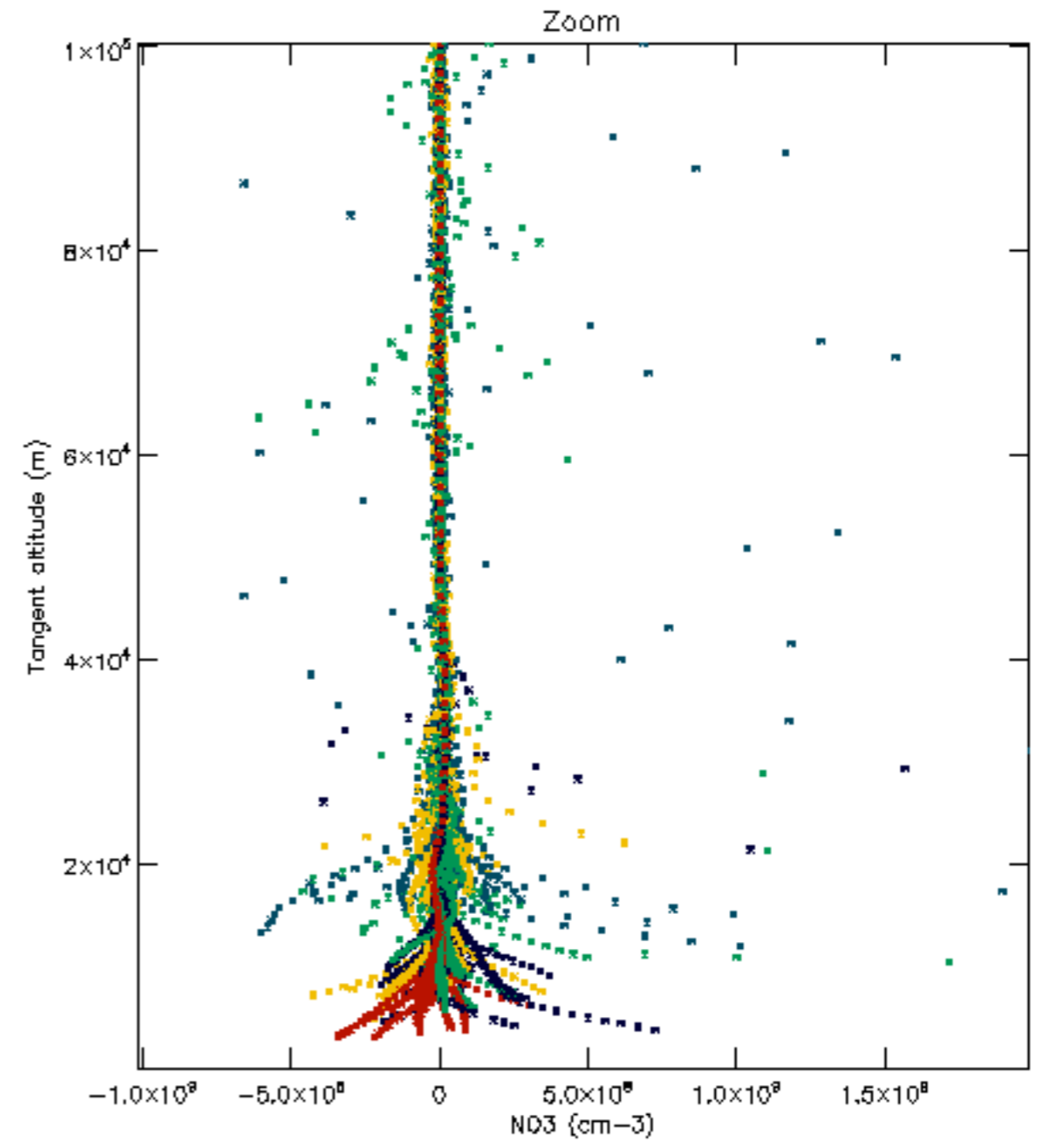
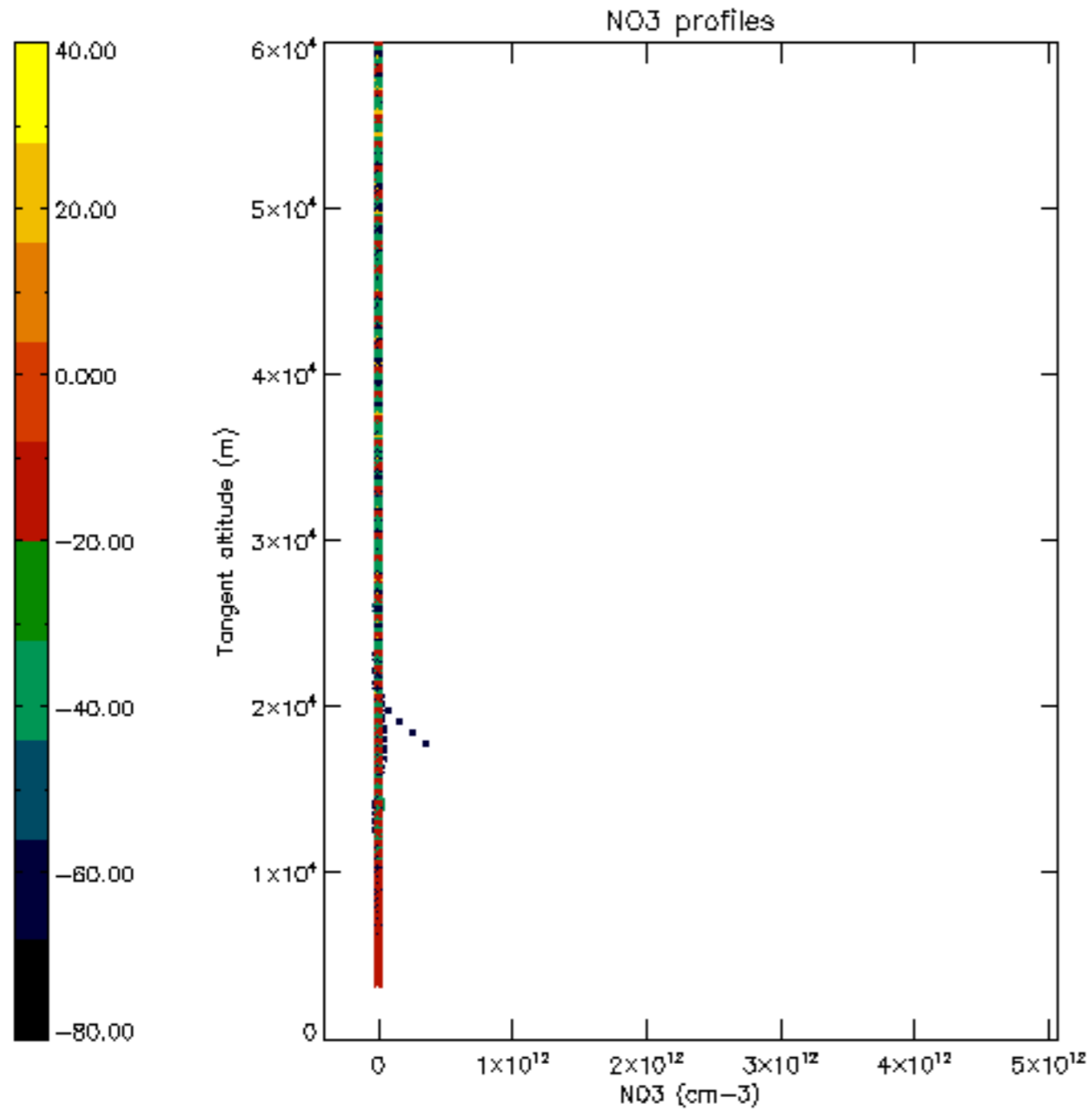


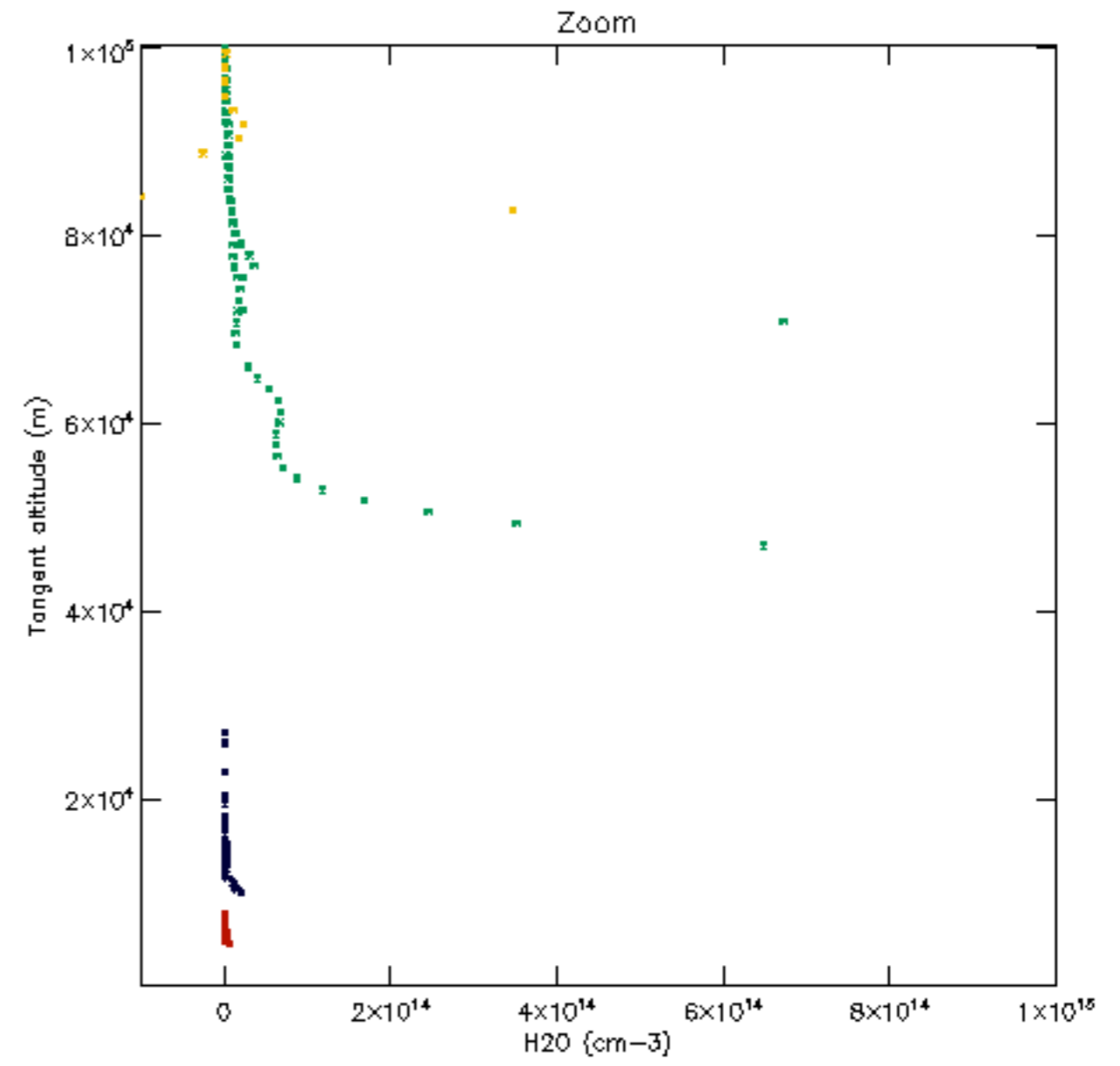
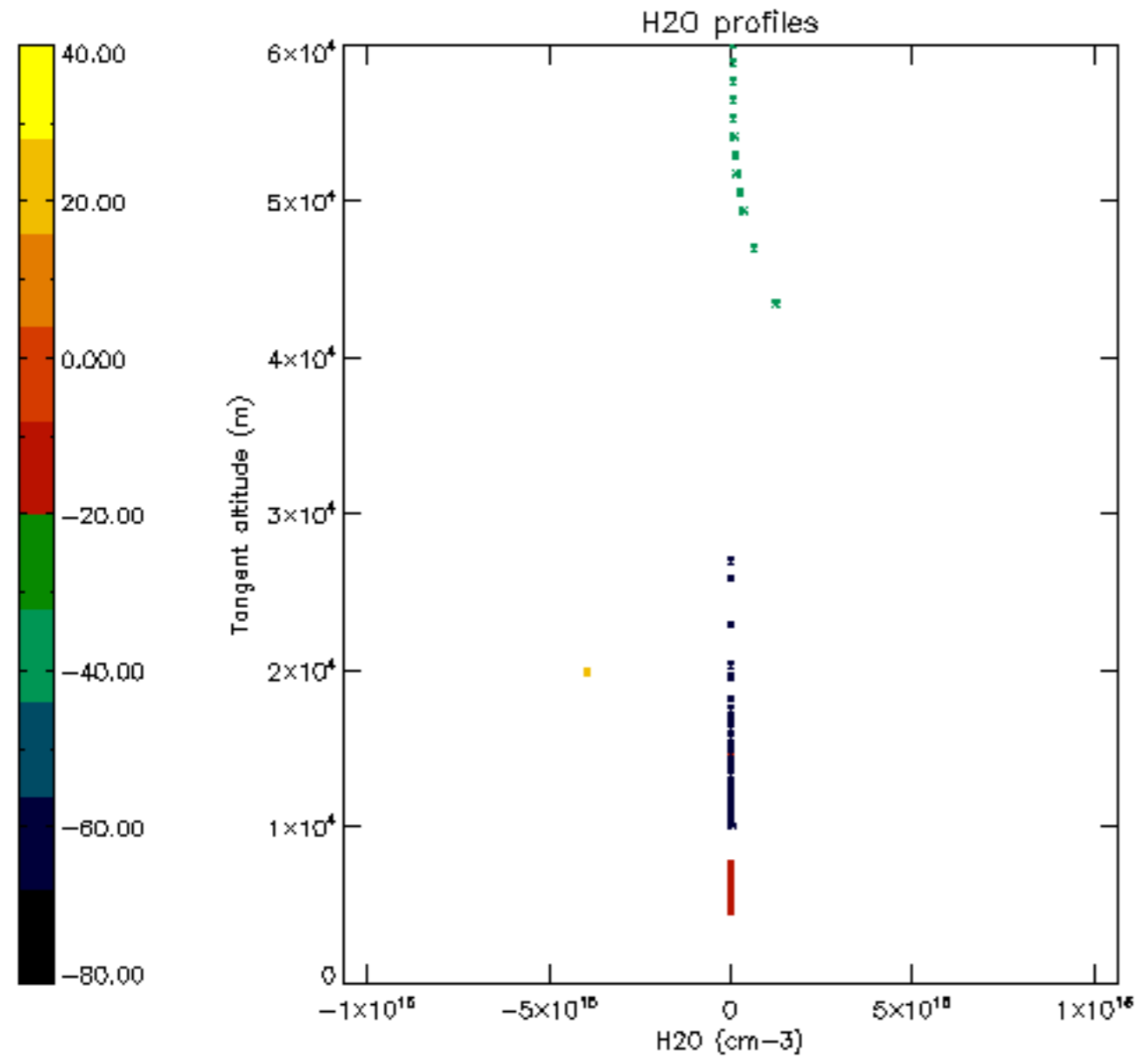


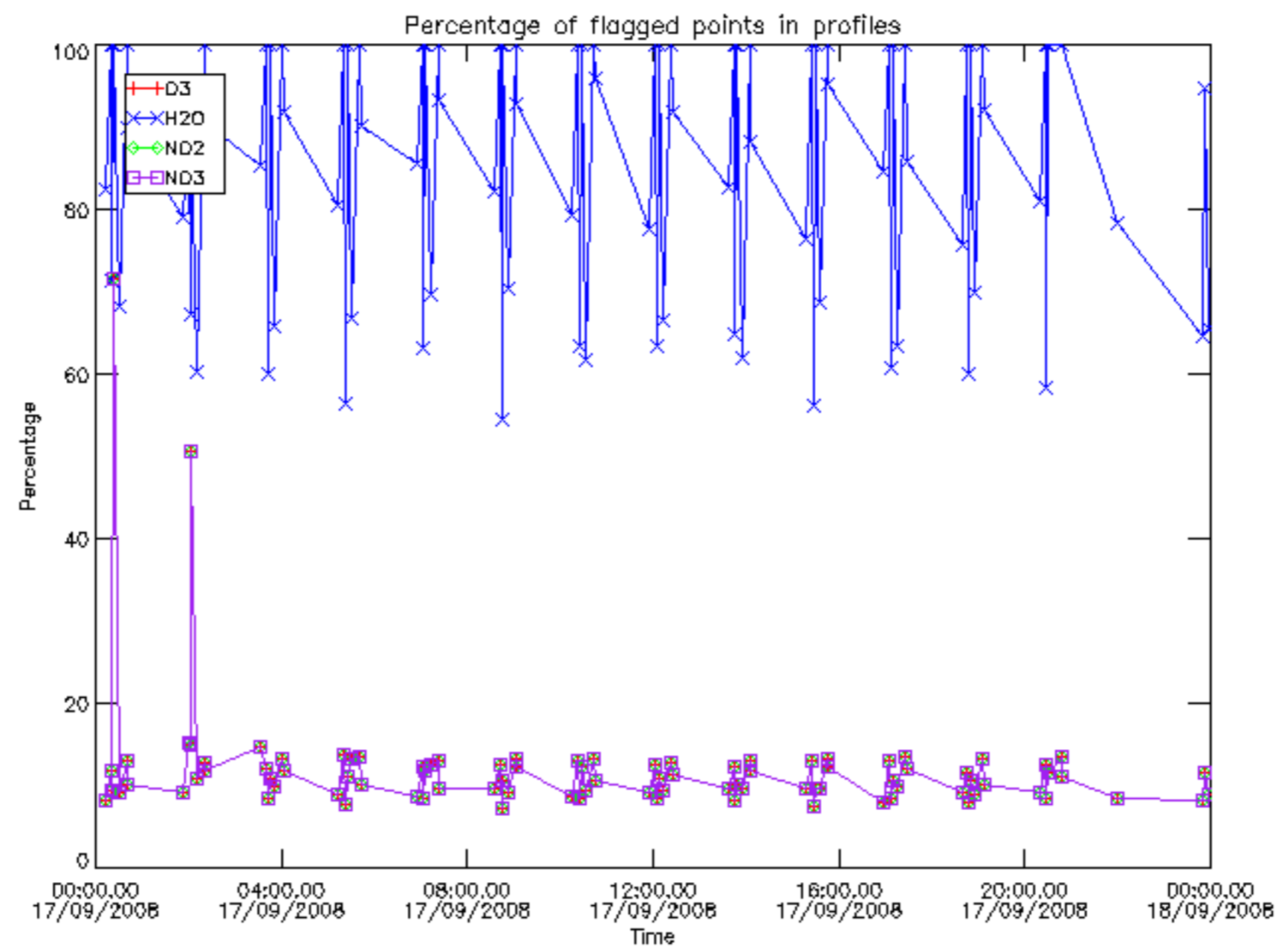




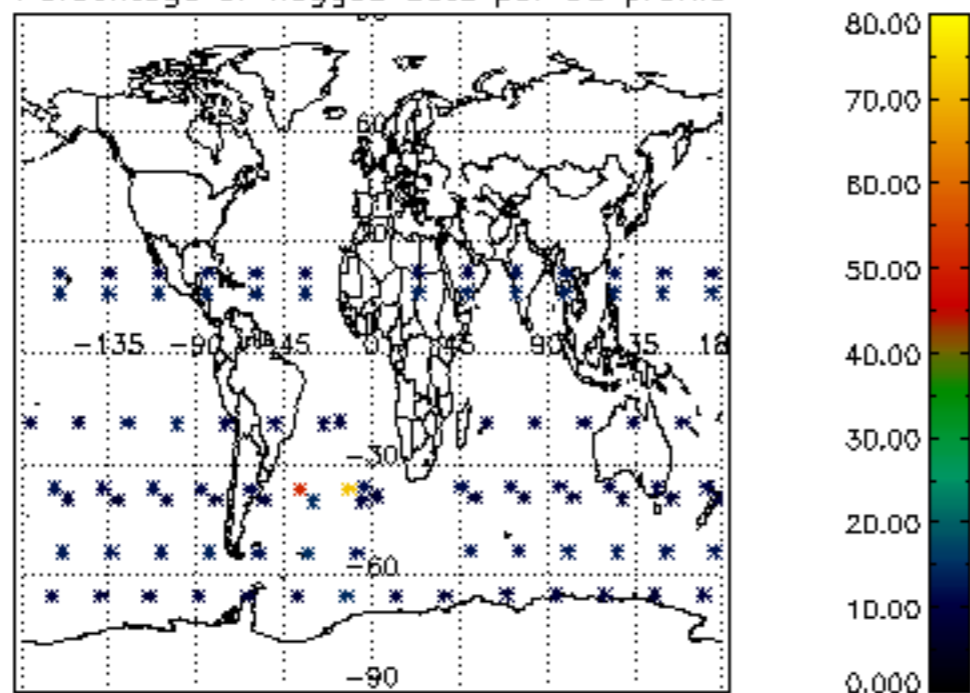




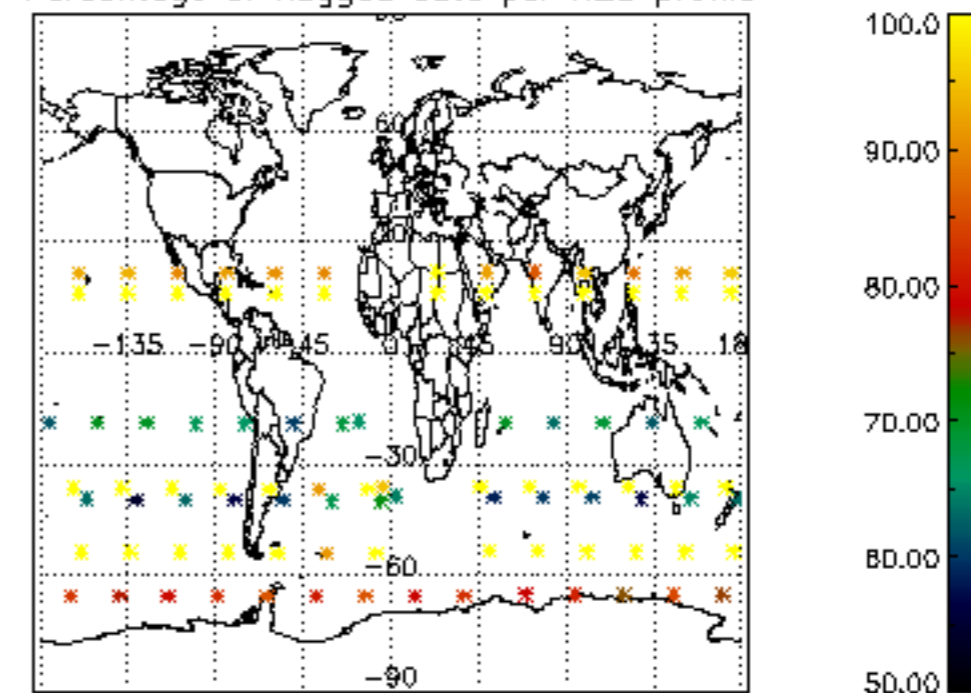




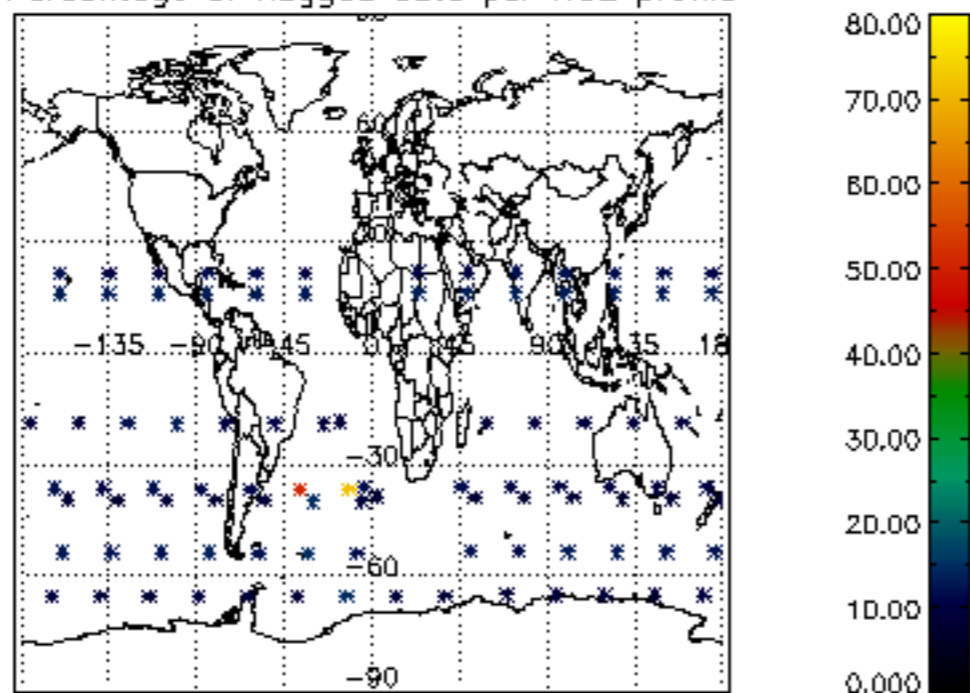
Percentage of flagged data per D3 profile



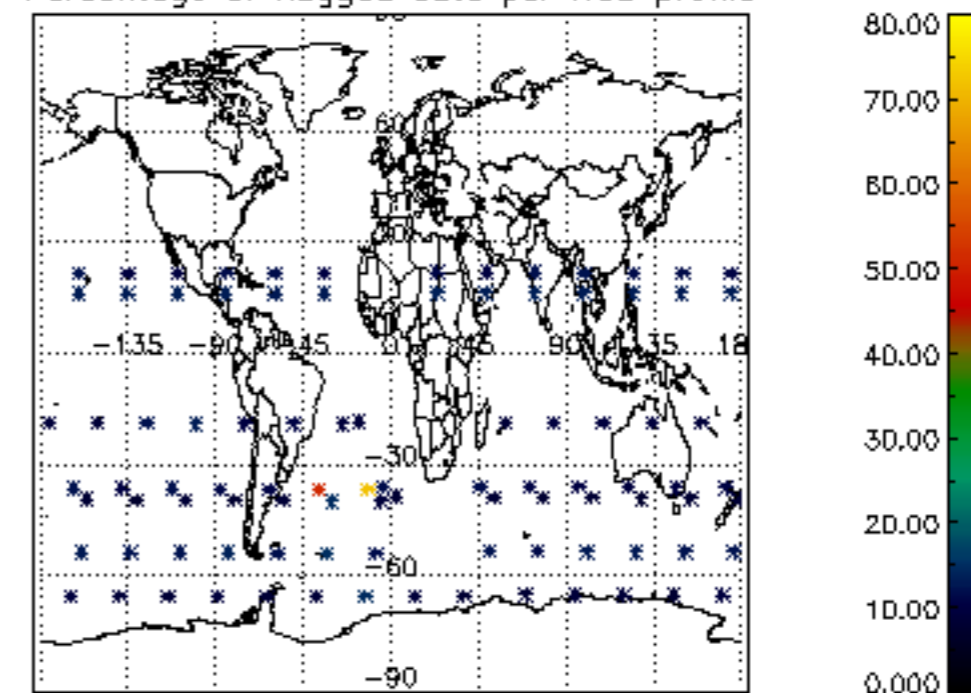
Percentage of flagged data per H2O profile

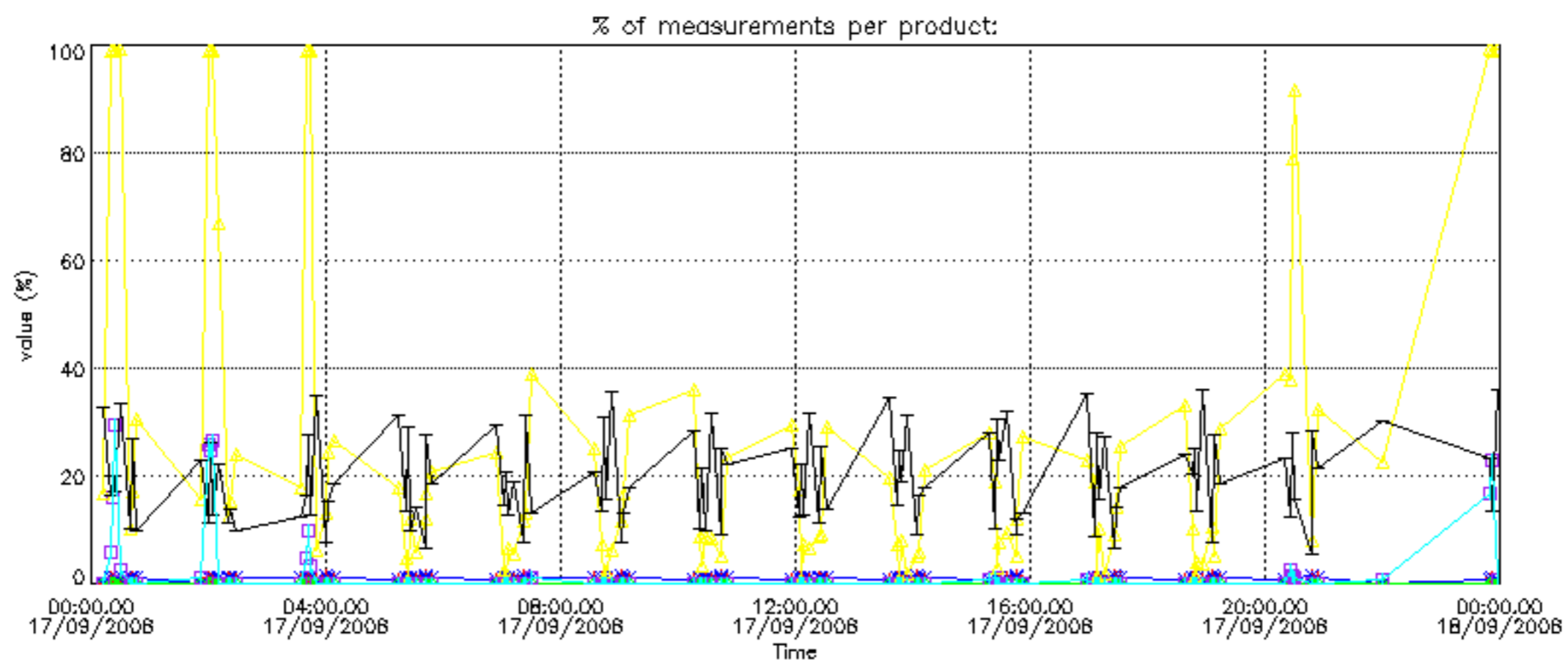


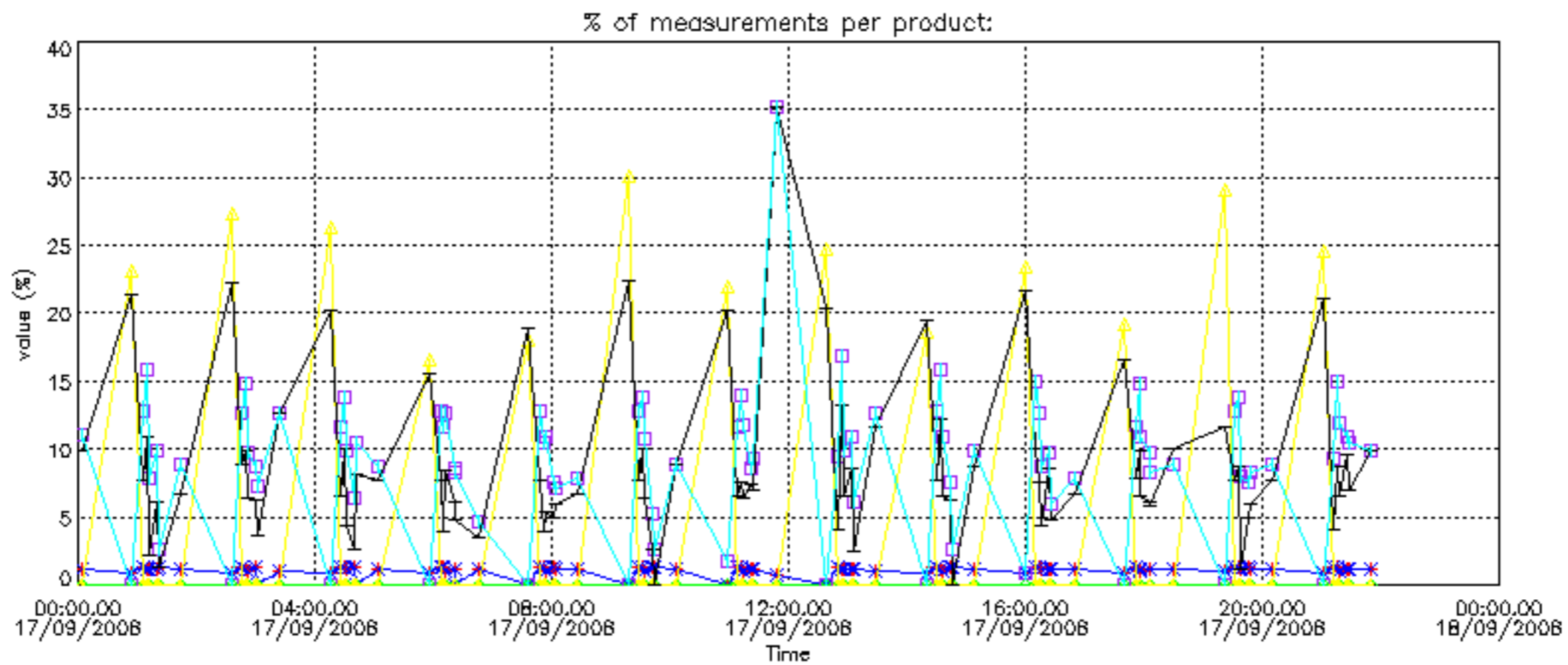
Percentage of flagged data per NO2 profile



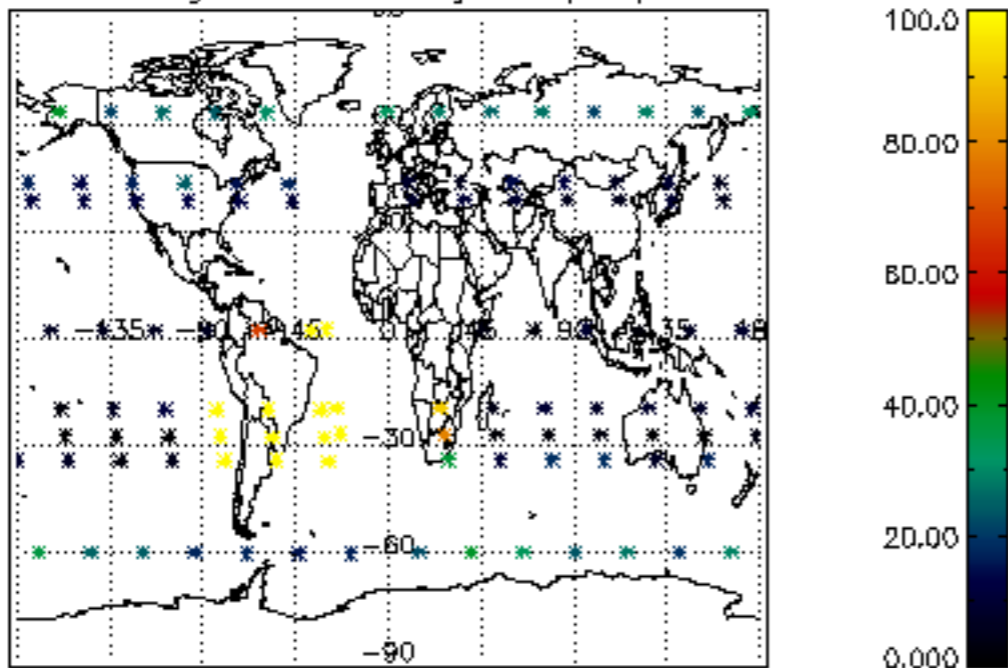
Percentage of flagged data per NO3 profile



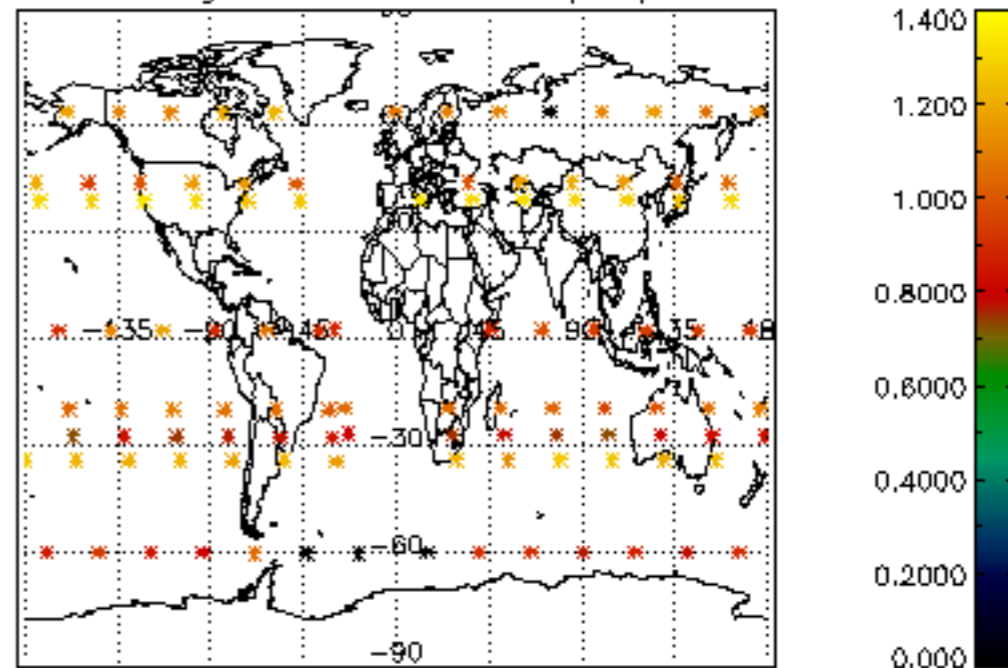




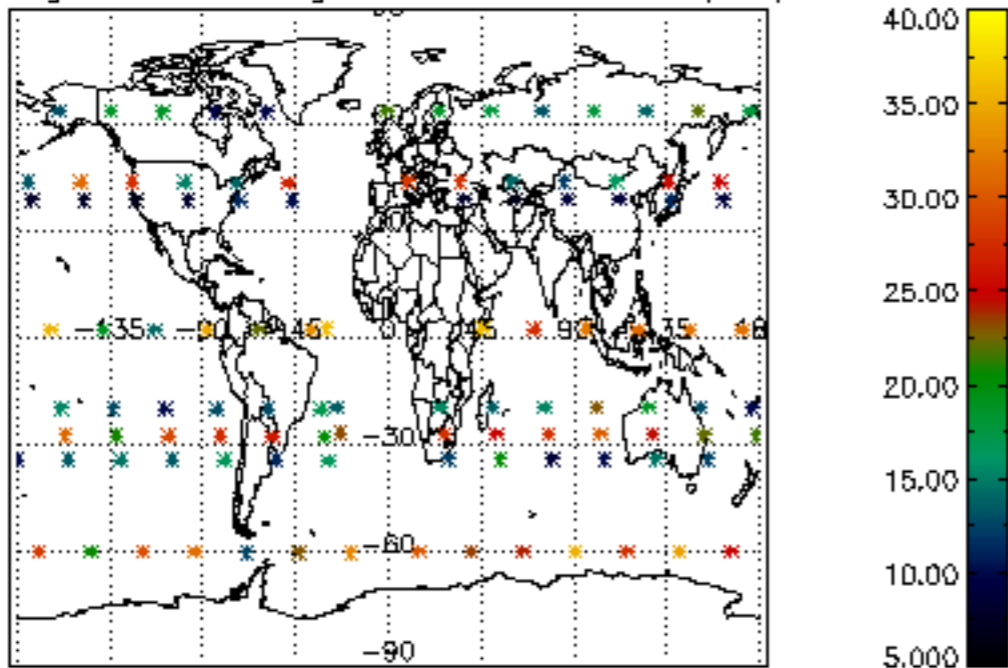
Percentage of cosmic ray hits per profile



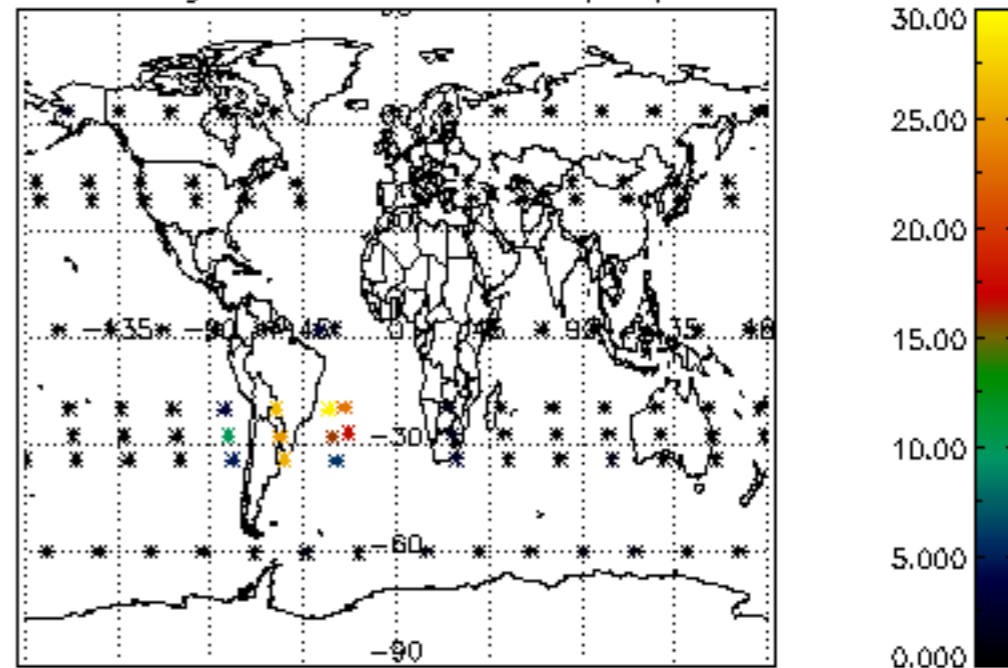
Percentage of datation errors per profile



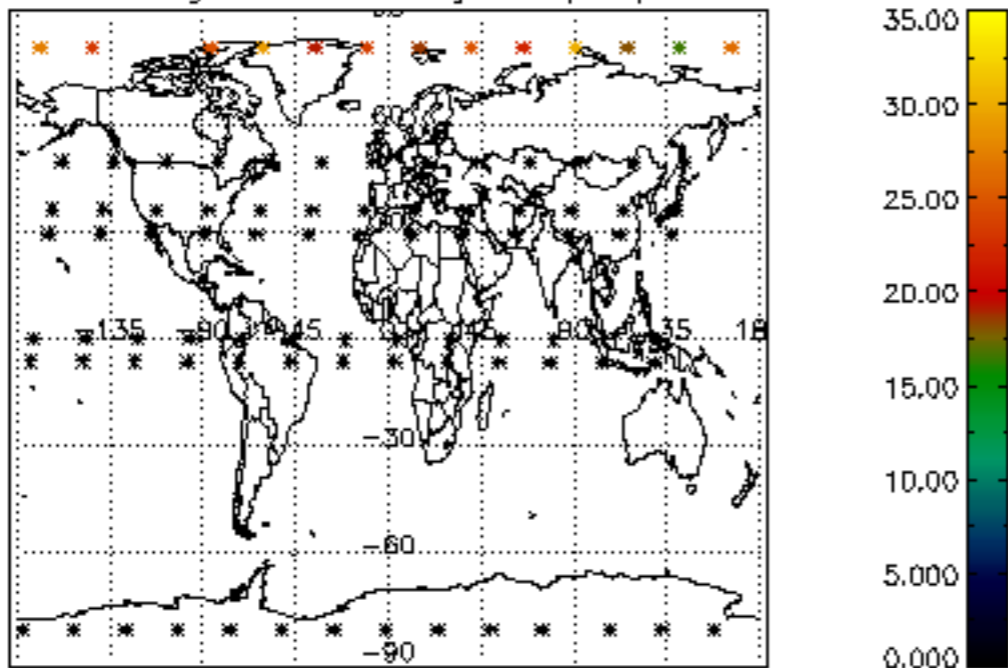
Percentage of star falling outside central band per profile



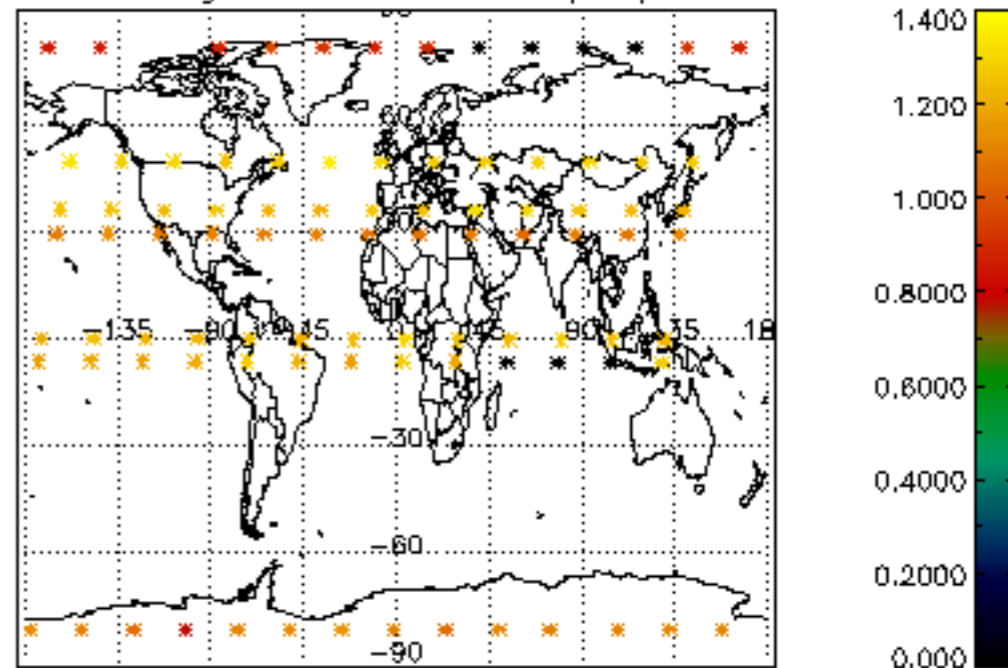
Percentage of saturation errors per profile



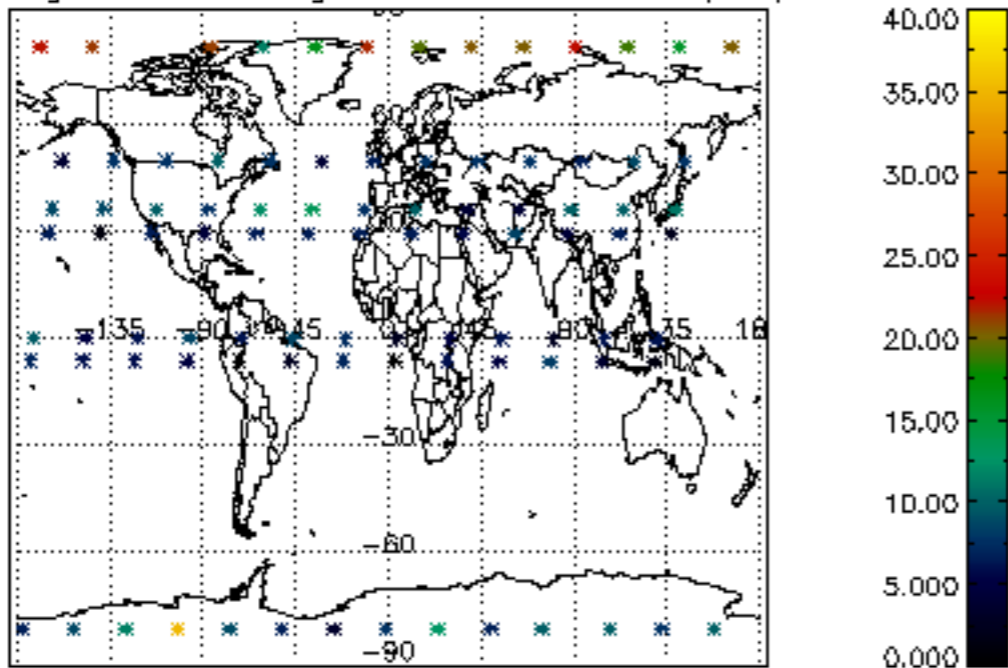
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

