

GOMOS Level 2 Daily Report

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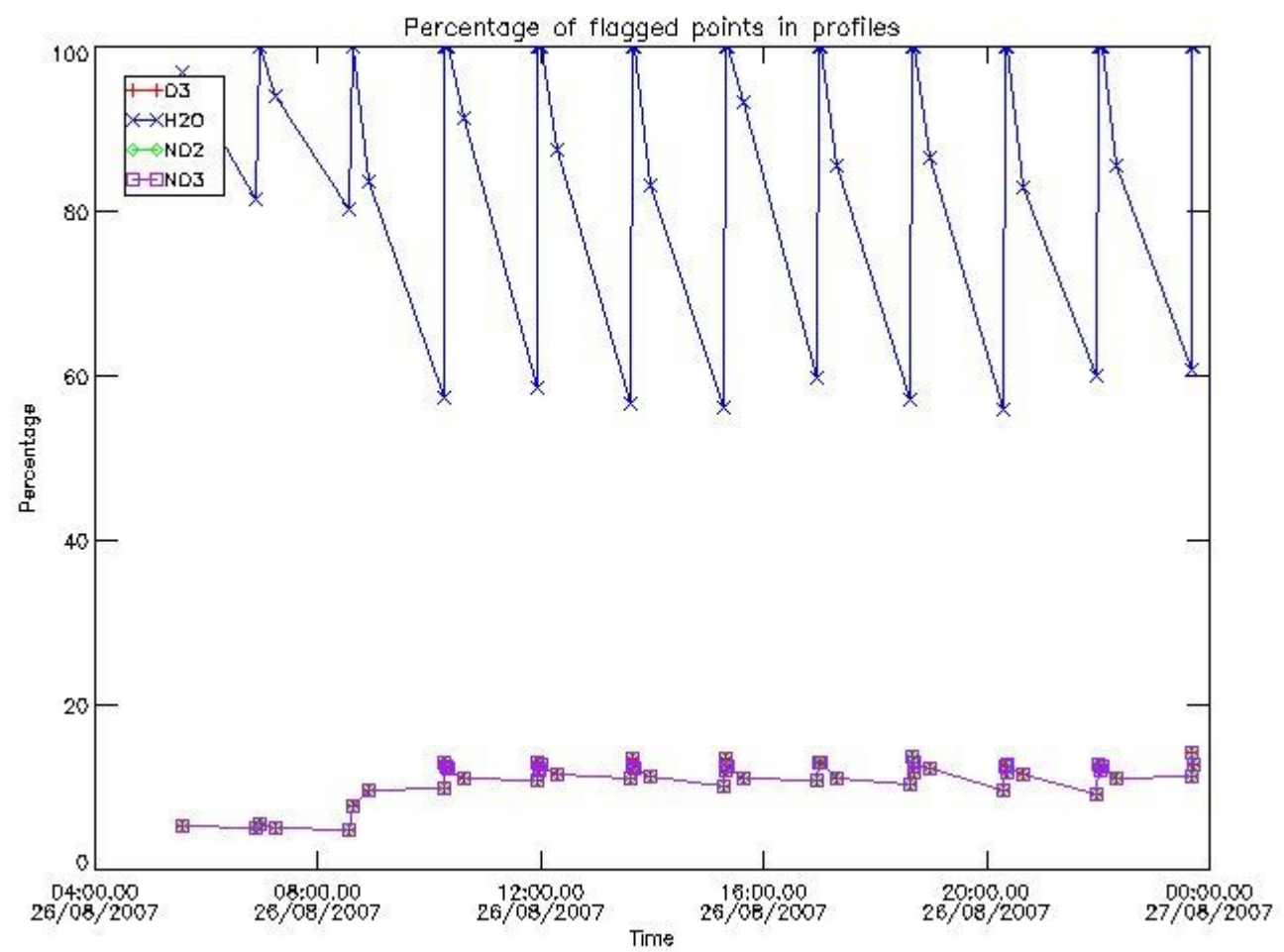
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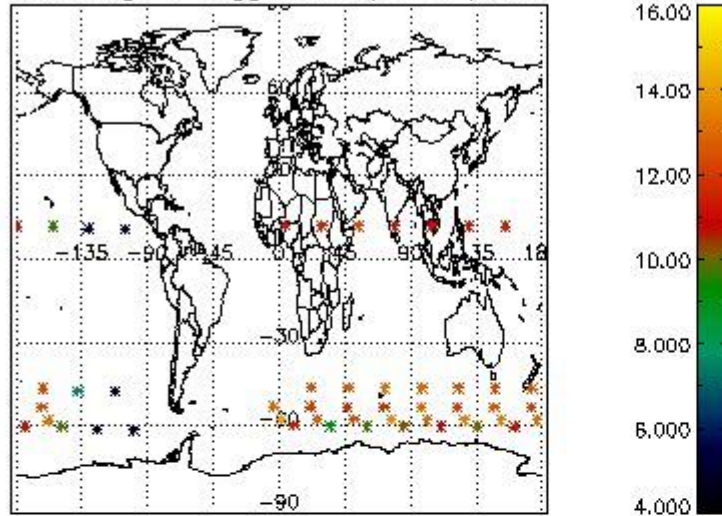
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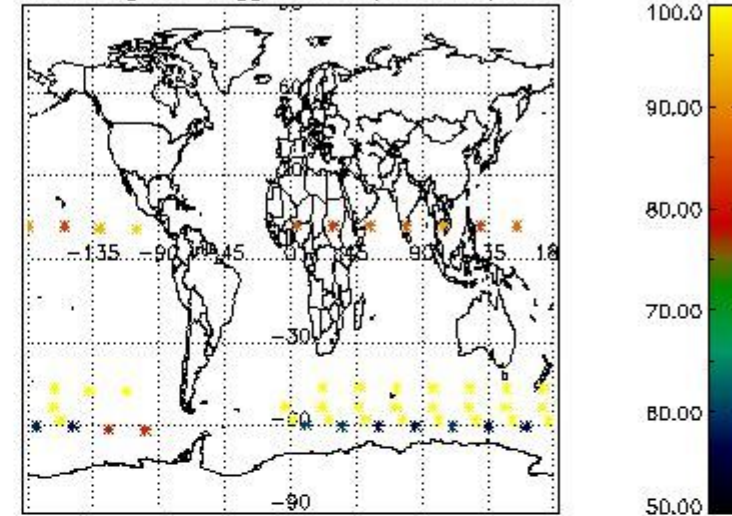


3.2 Plot quality information per product (world map)

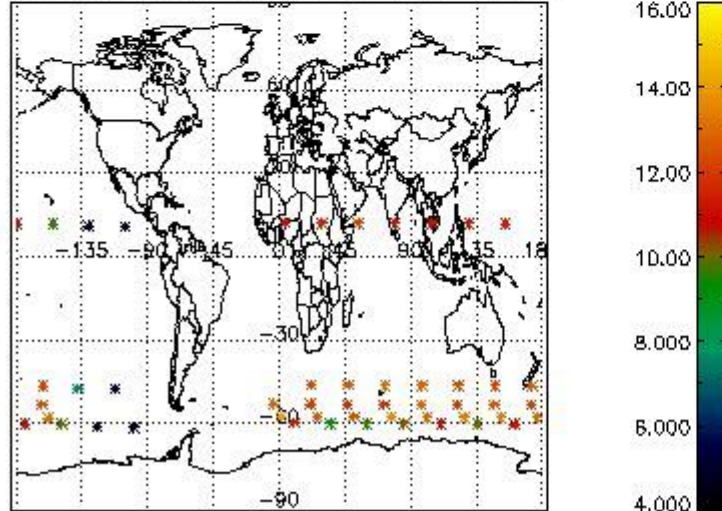
Percentage of flagged data per O3 profile



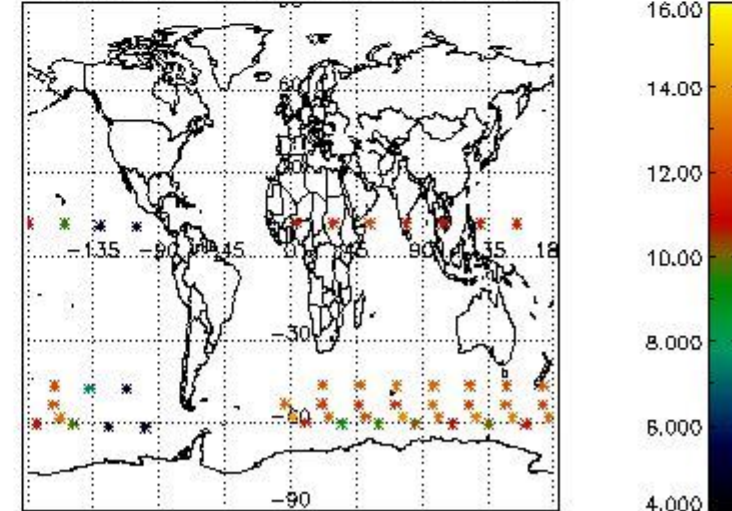
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

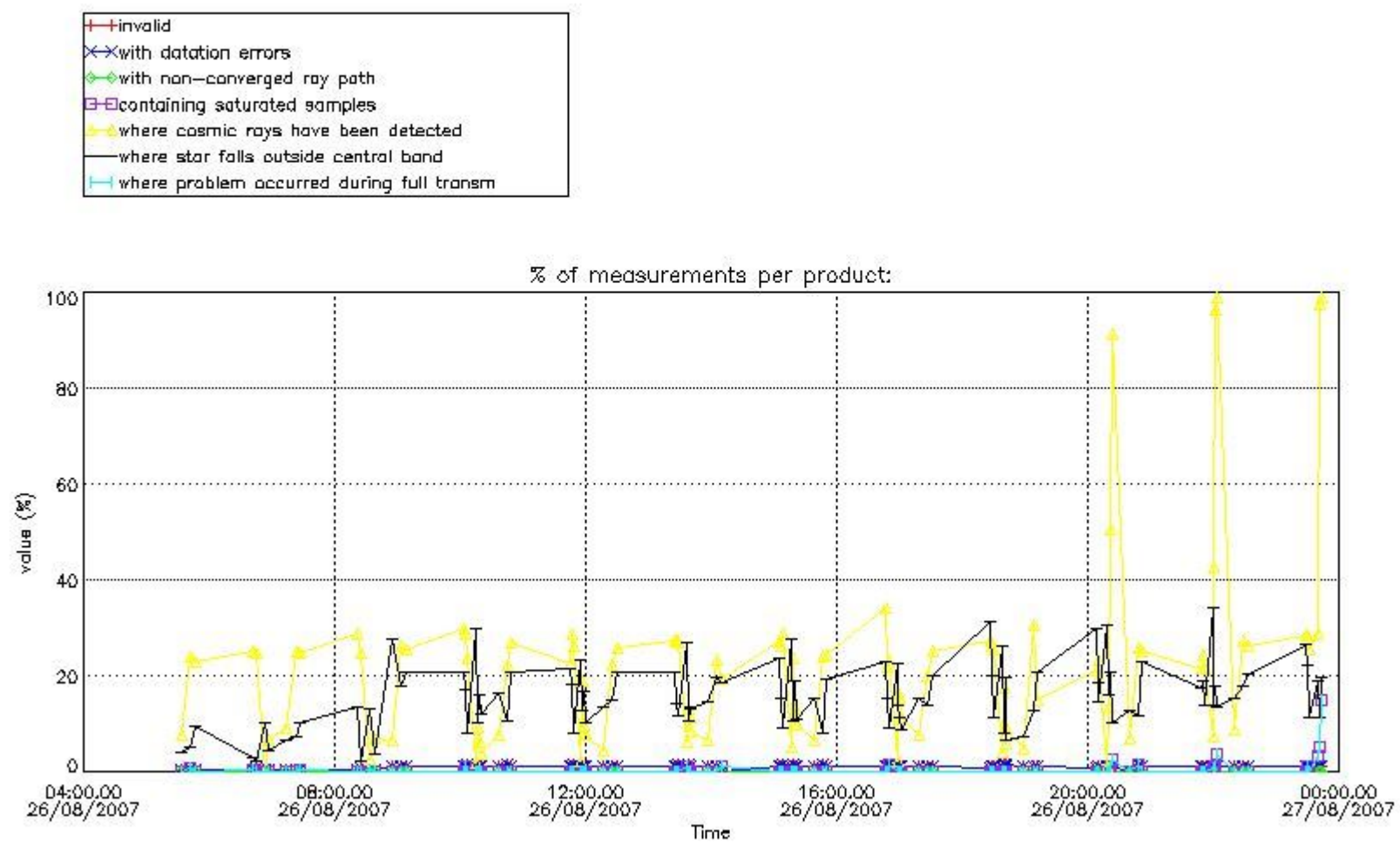


4. Level 1 quality information per product

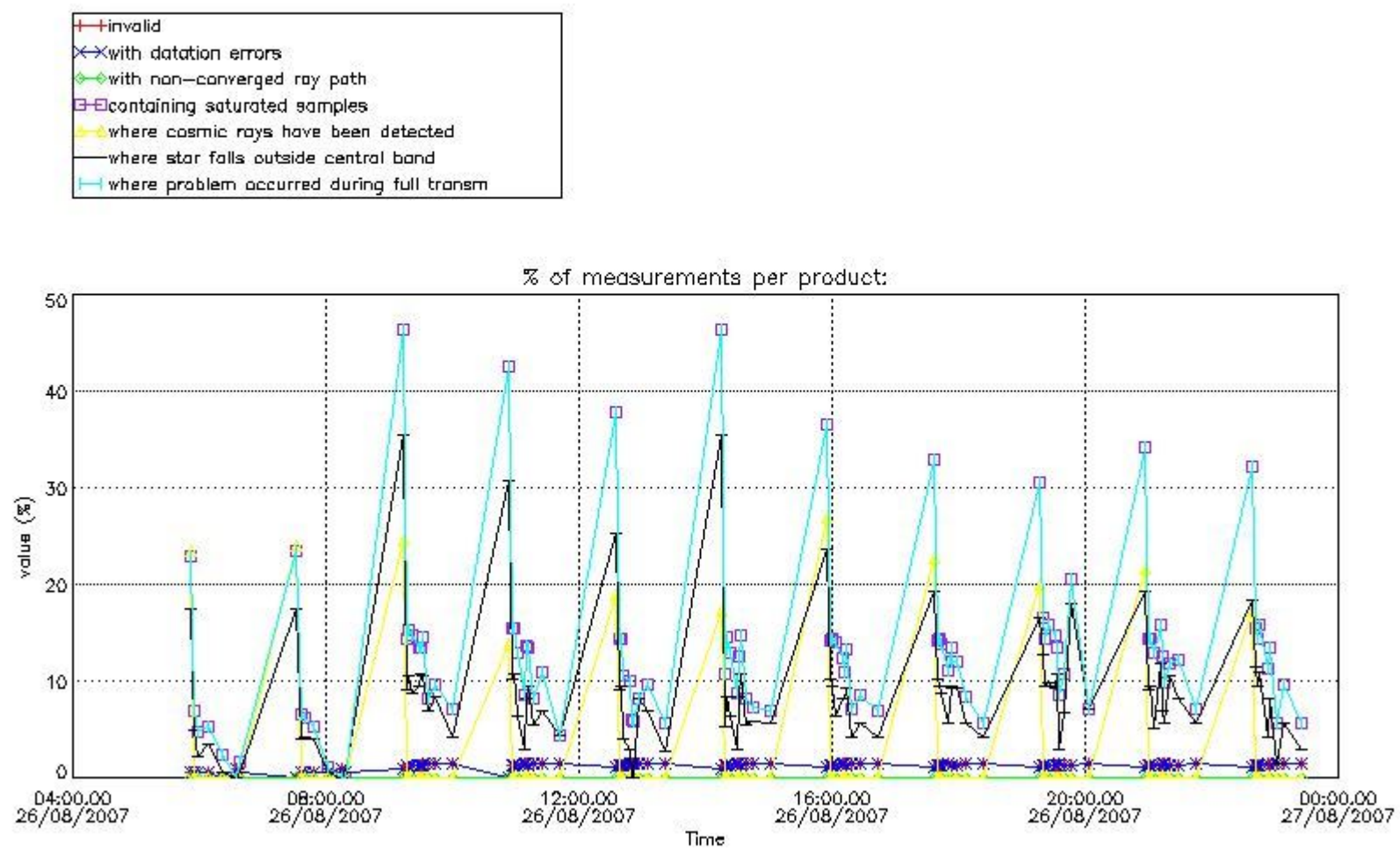
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

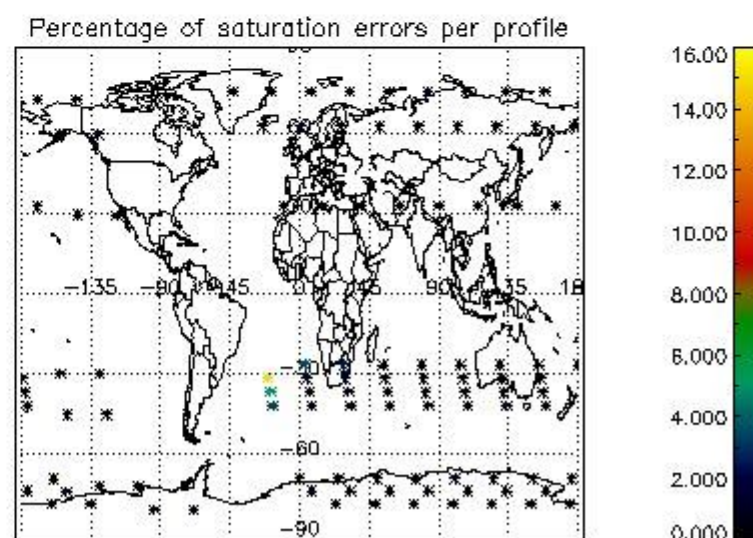
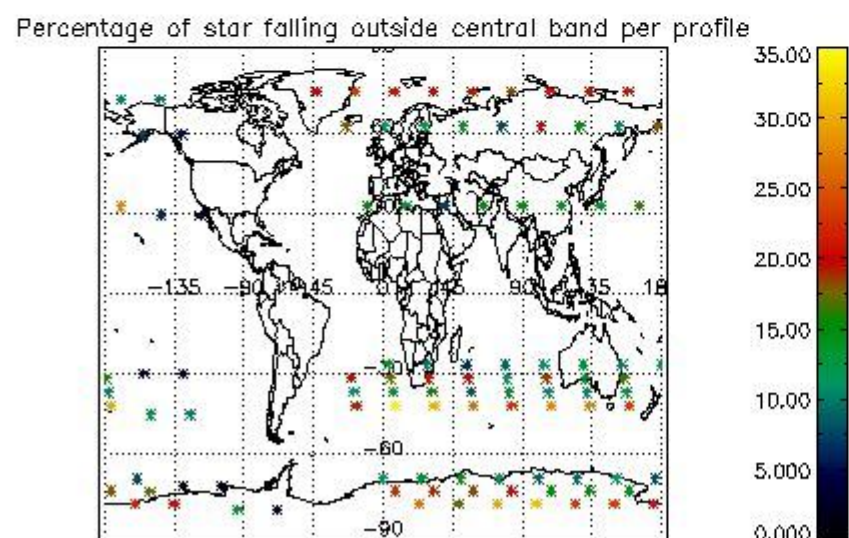
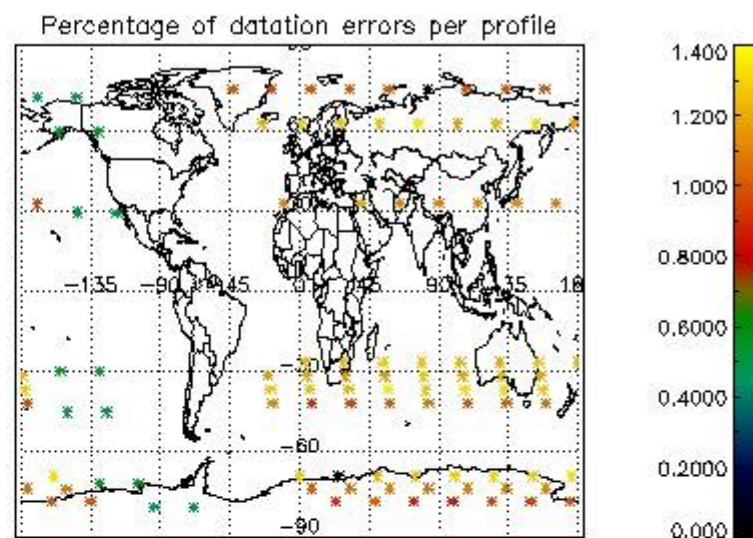
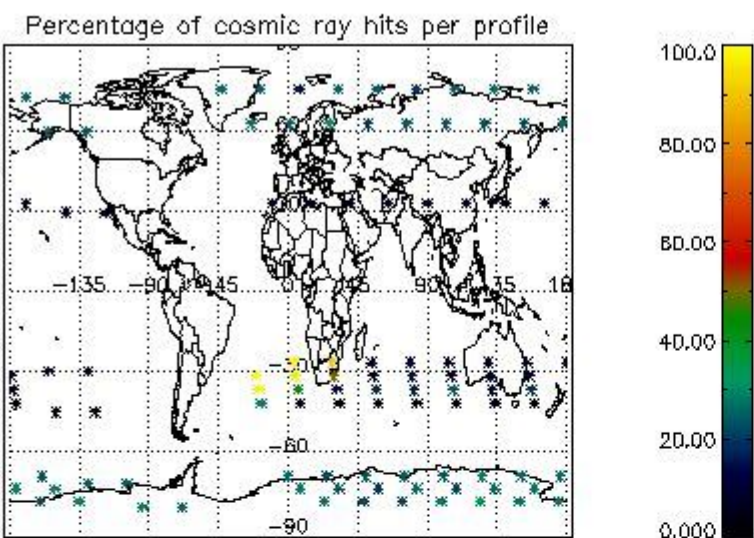


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



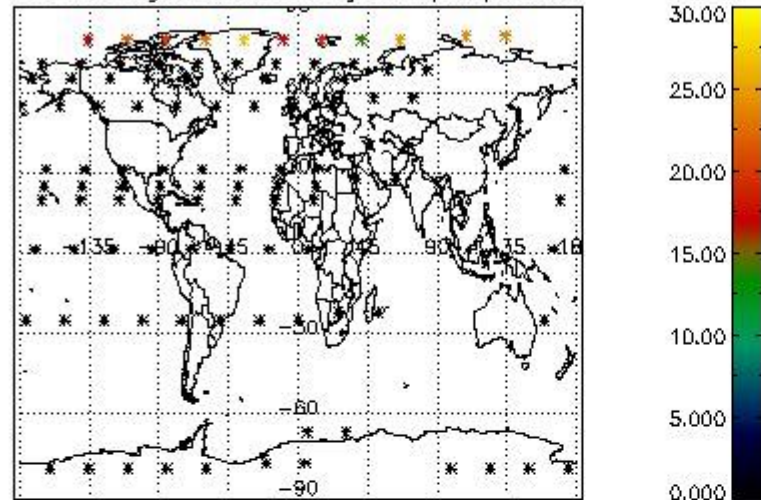
4.2 Plot quality information per product coming from level 1b processing (world map)

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

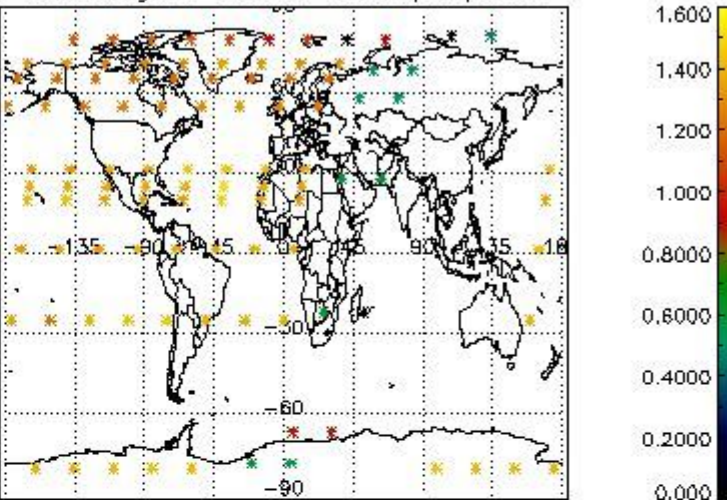


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

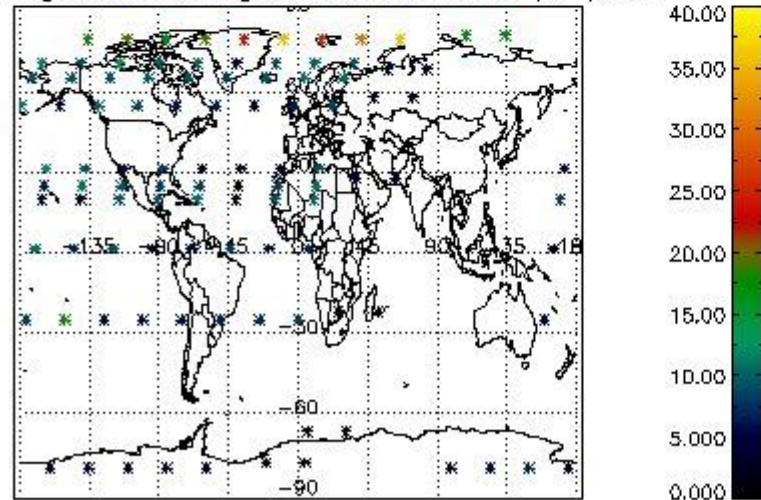
Percentage of cosmic ray hits per profile



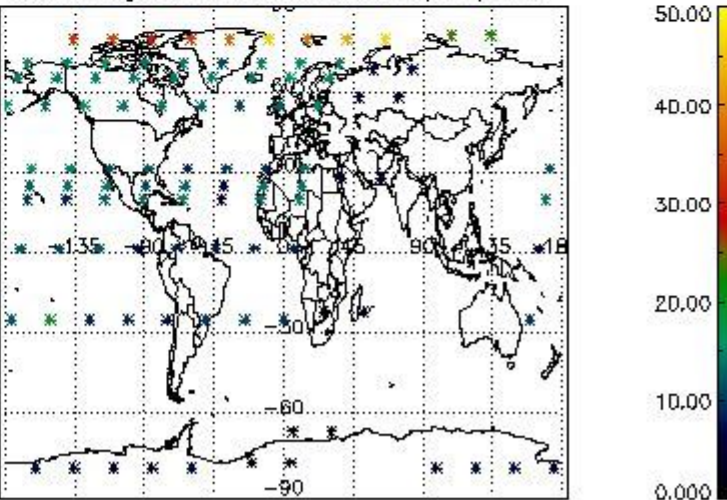
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

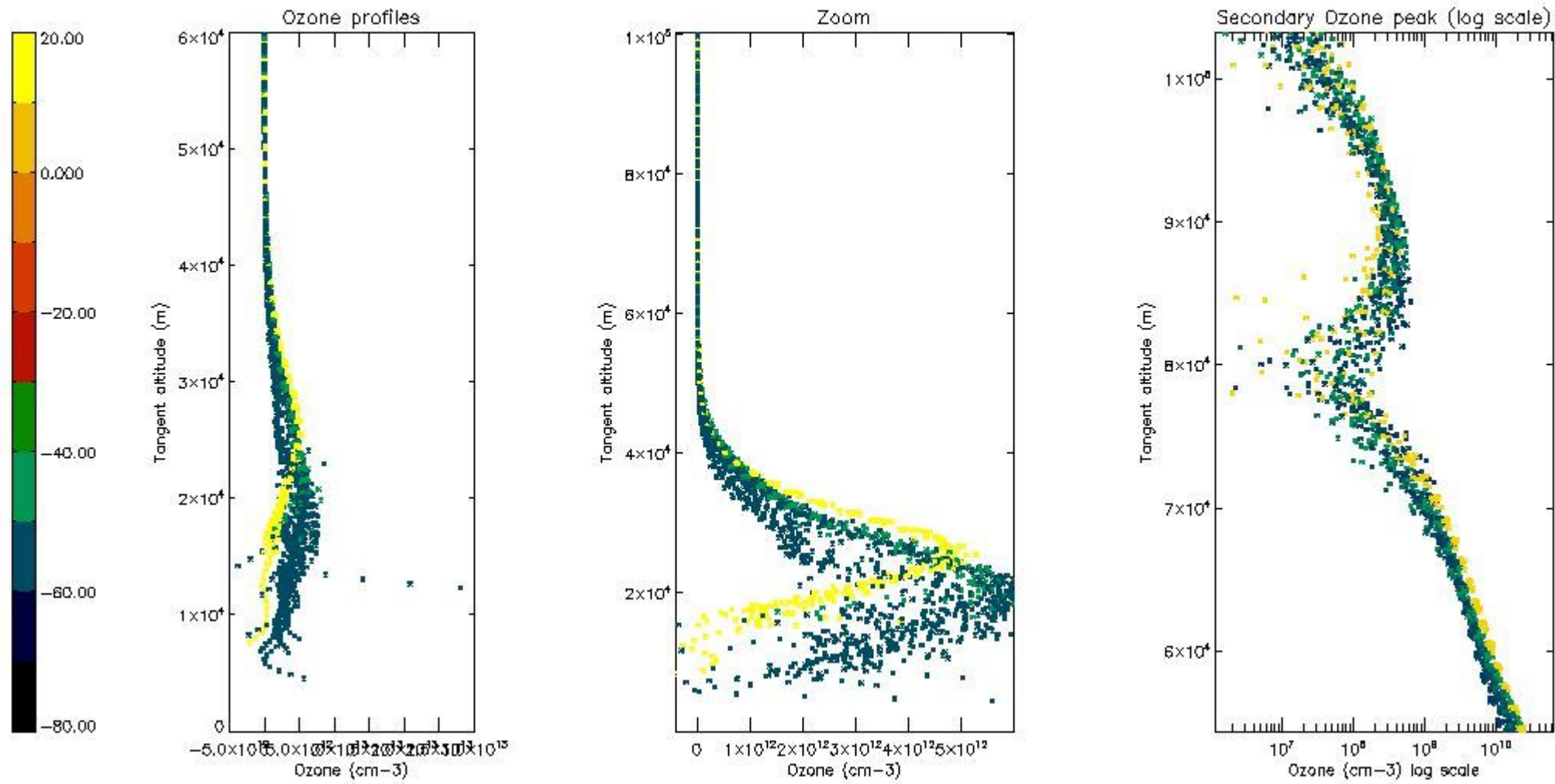
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	16

STD < 10	14
STD < 5	11

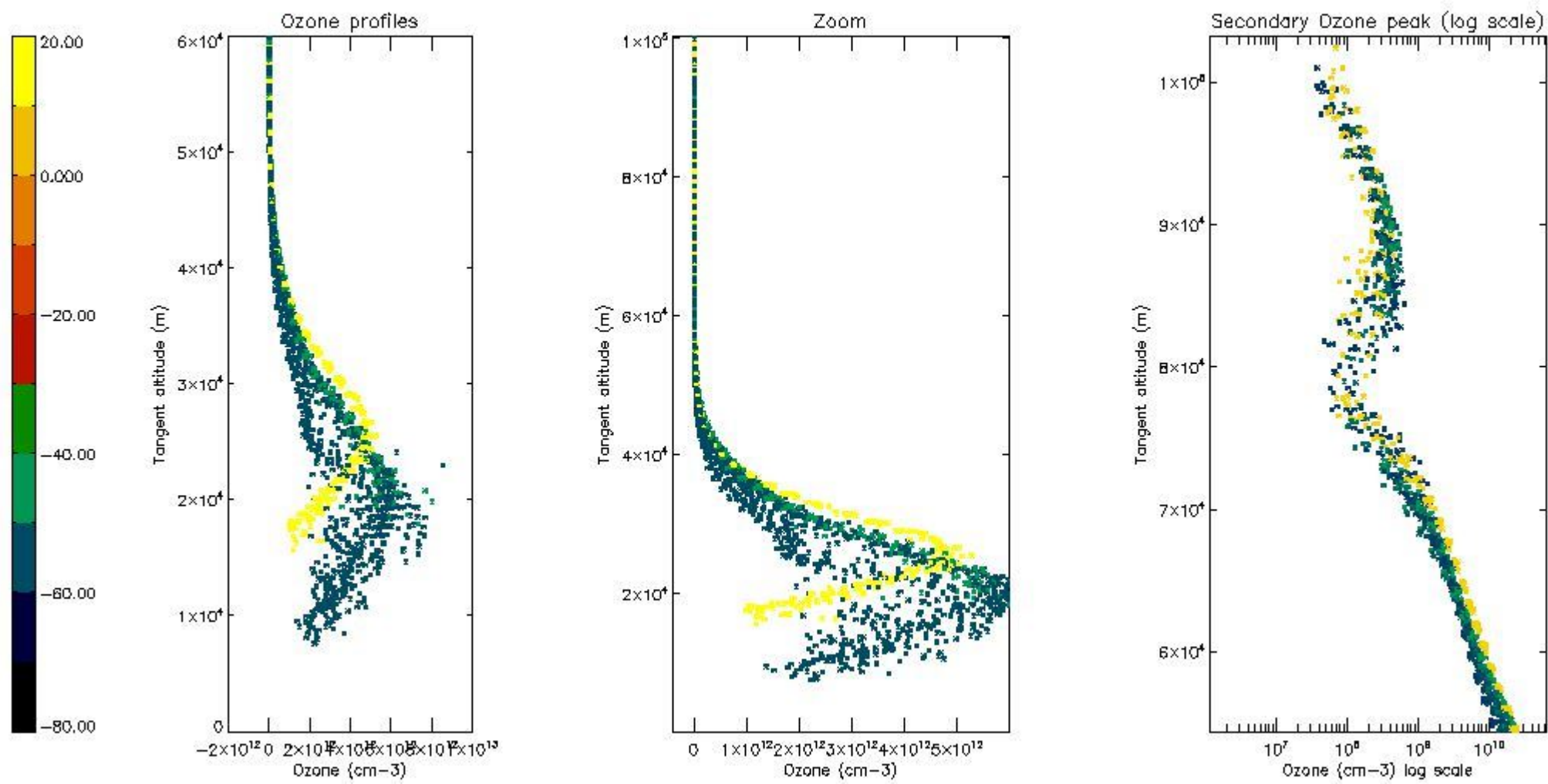
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



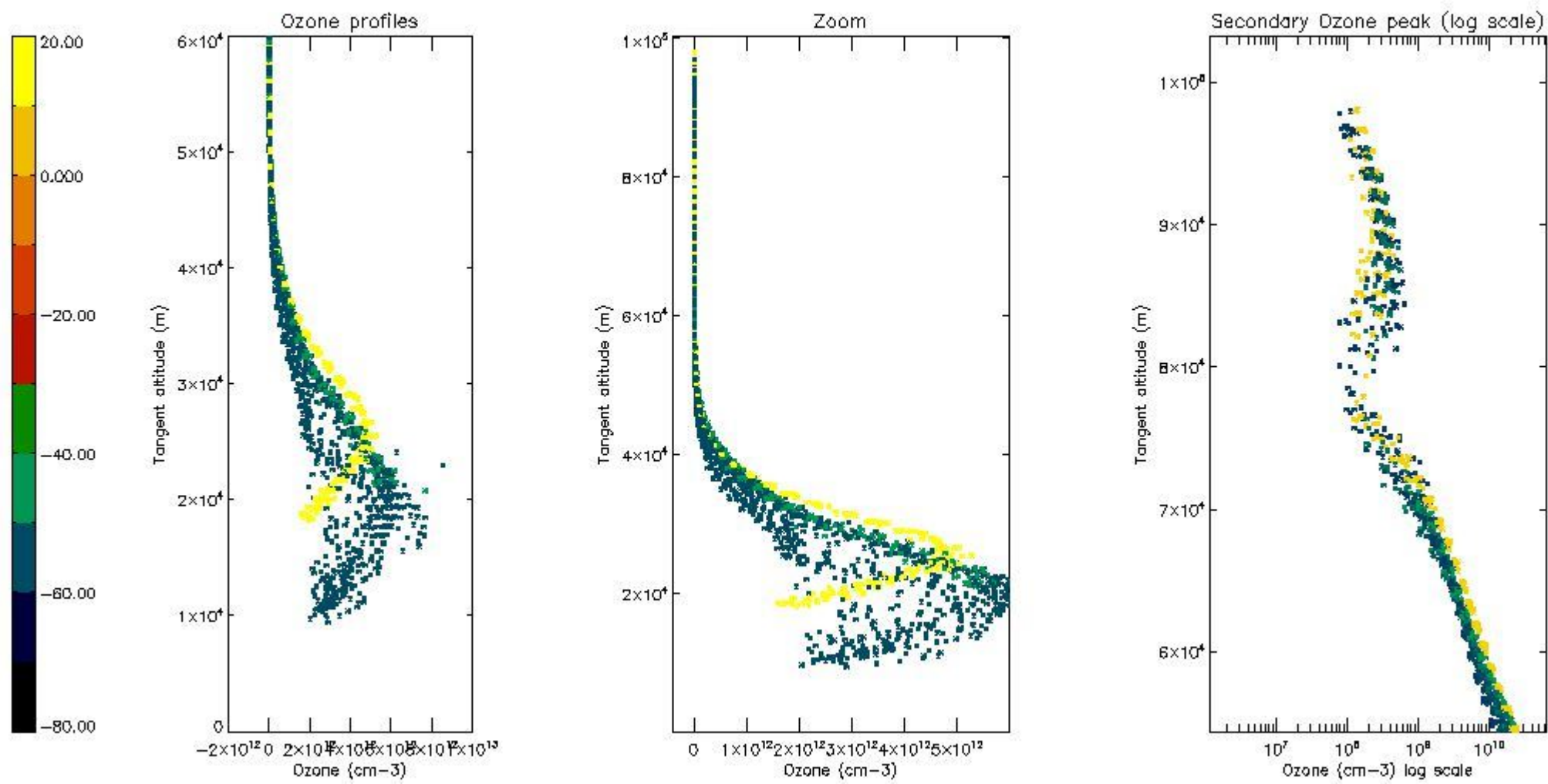
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



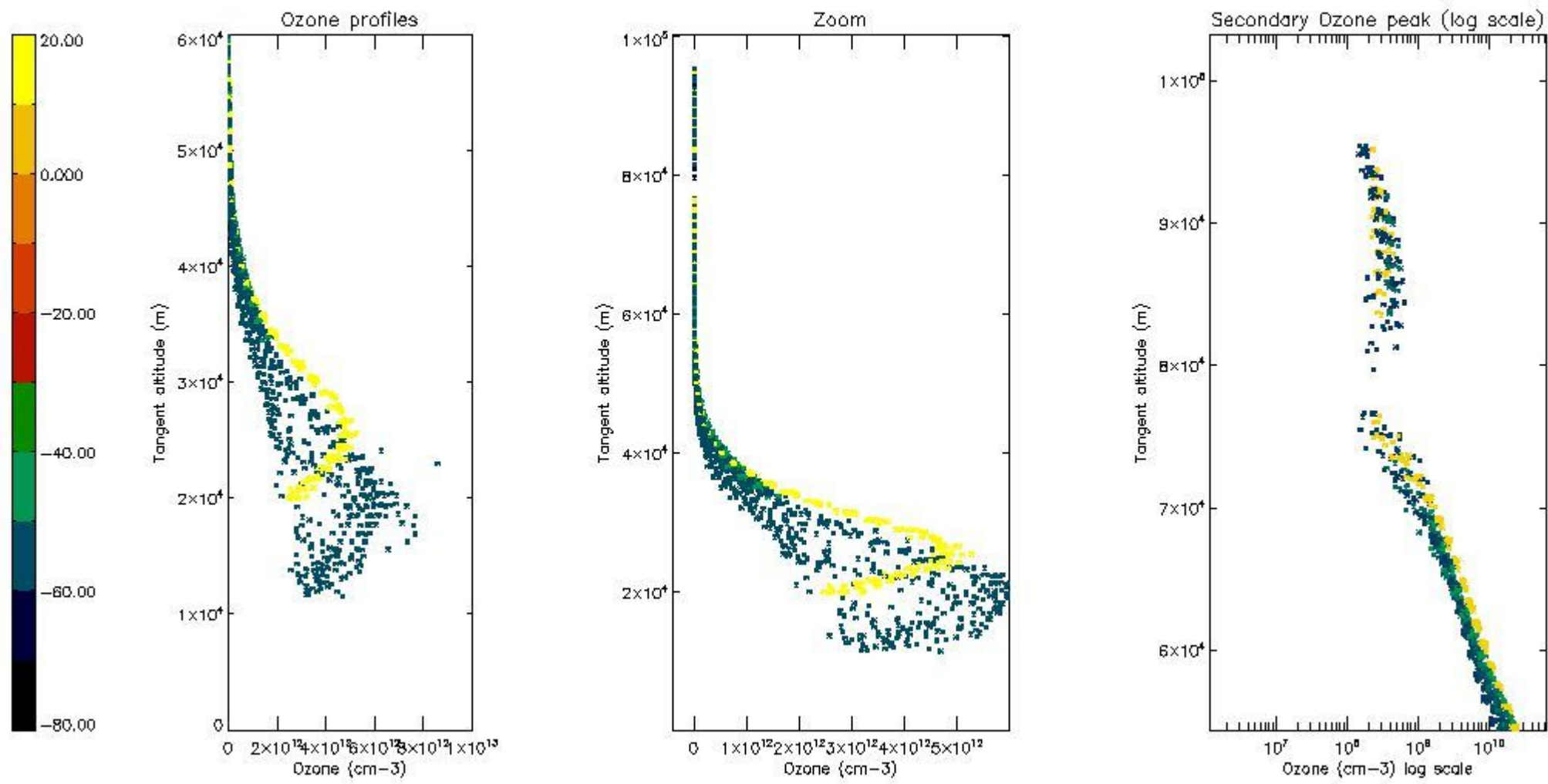
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



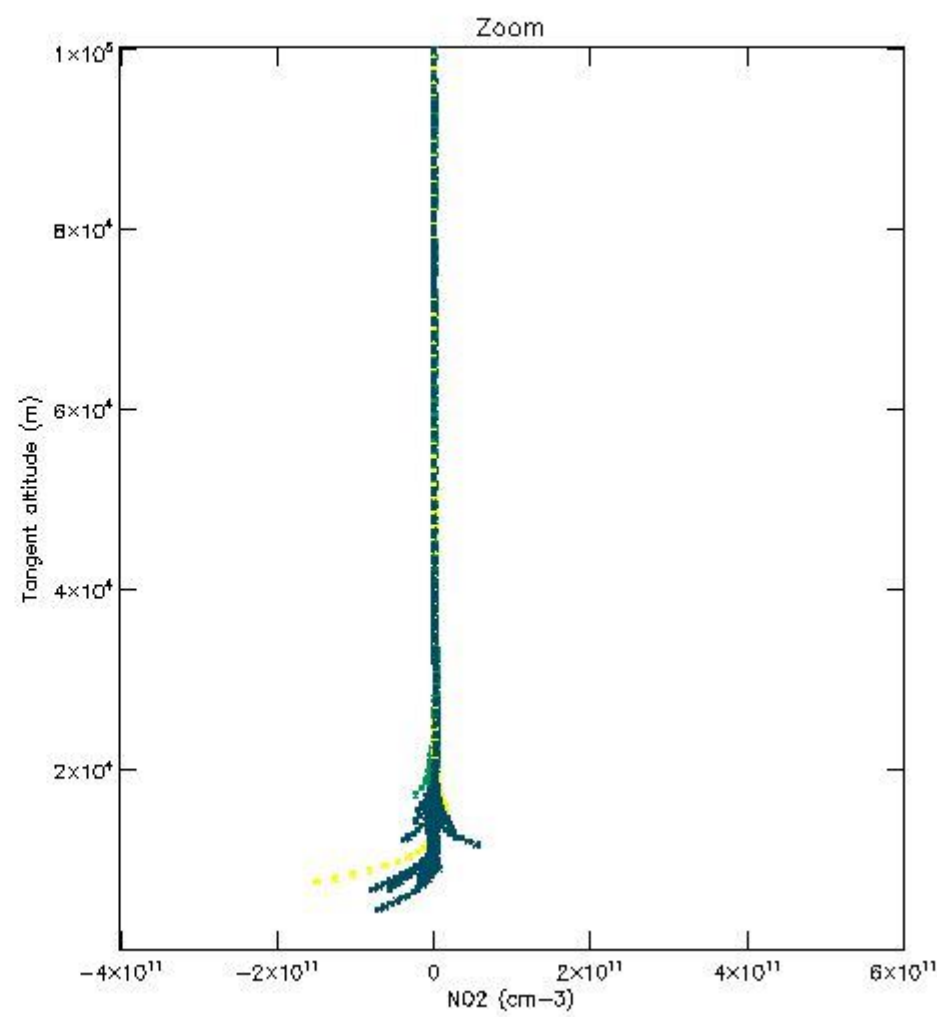
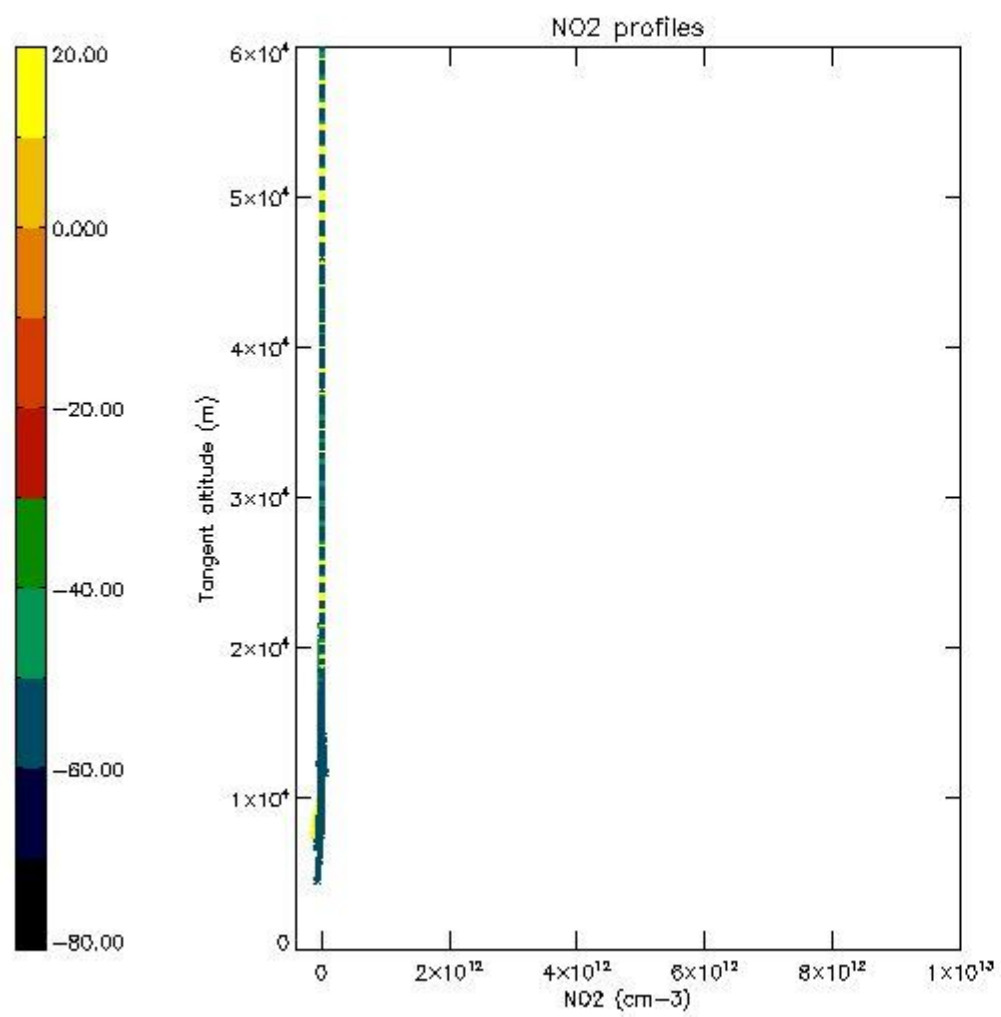
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



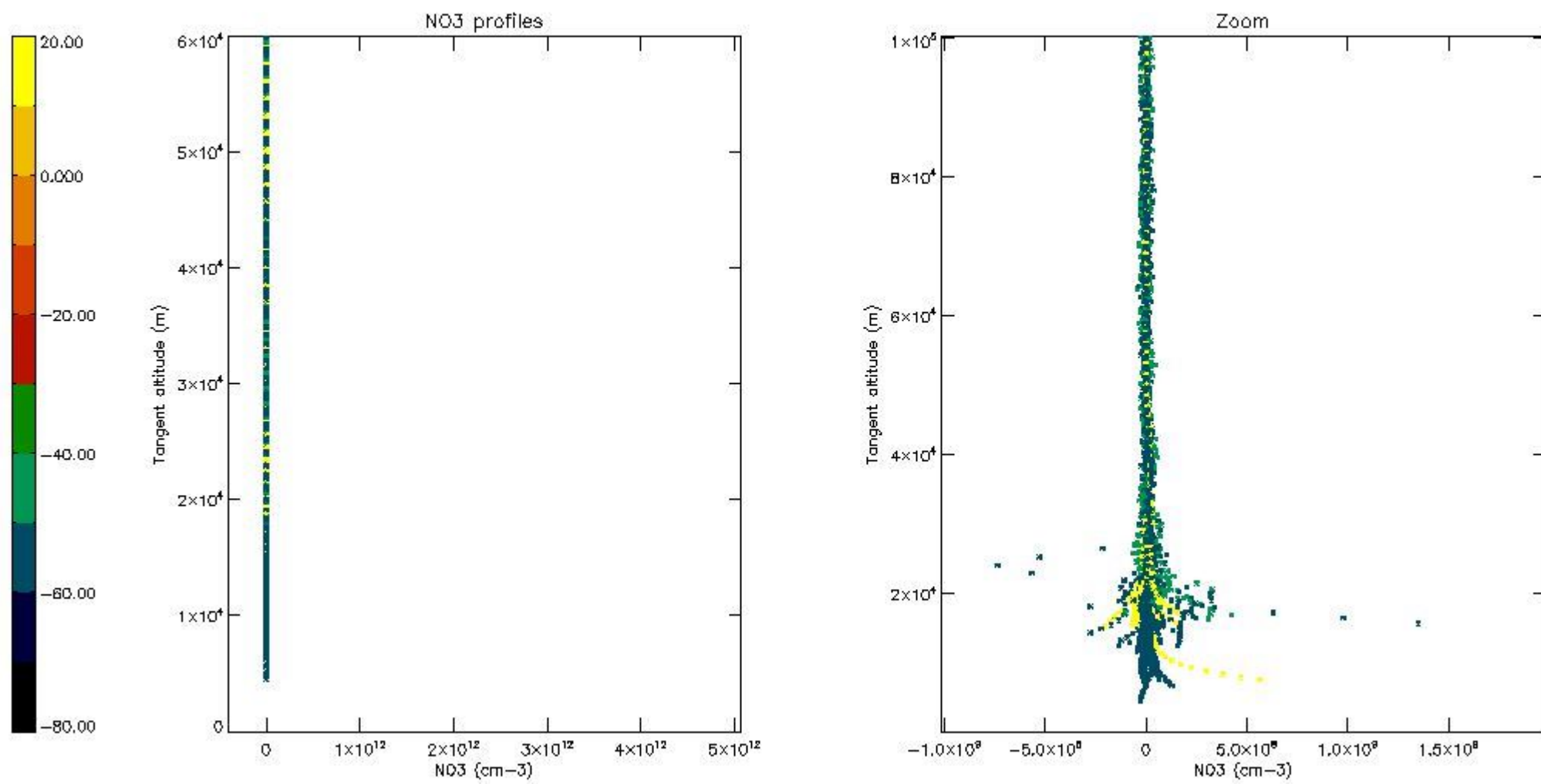
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



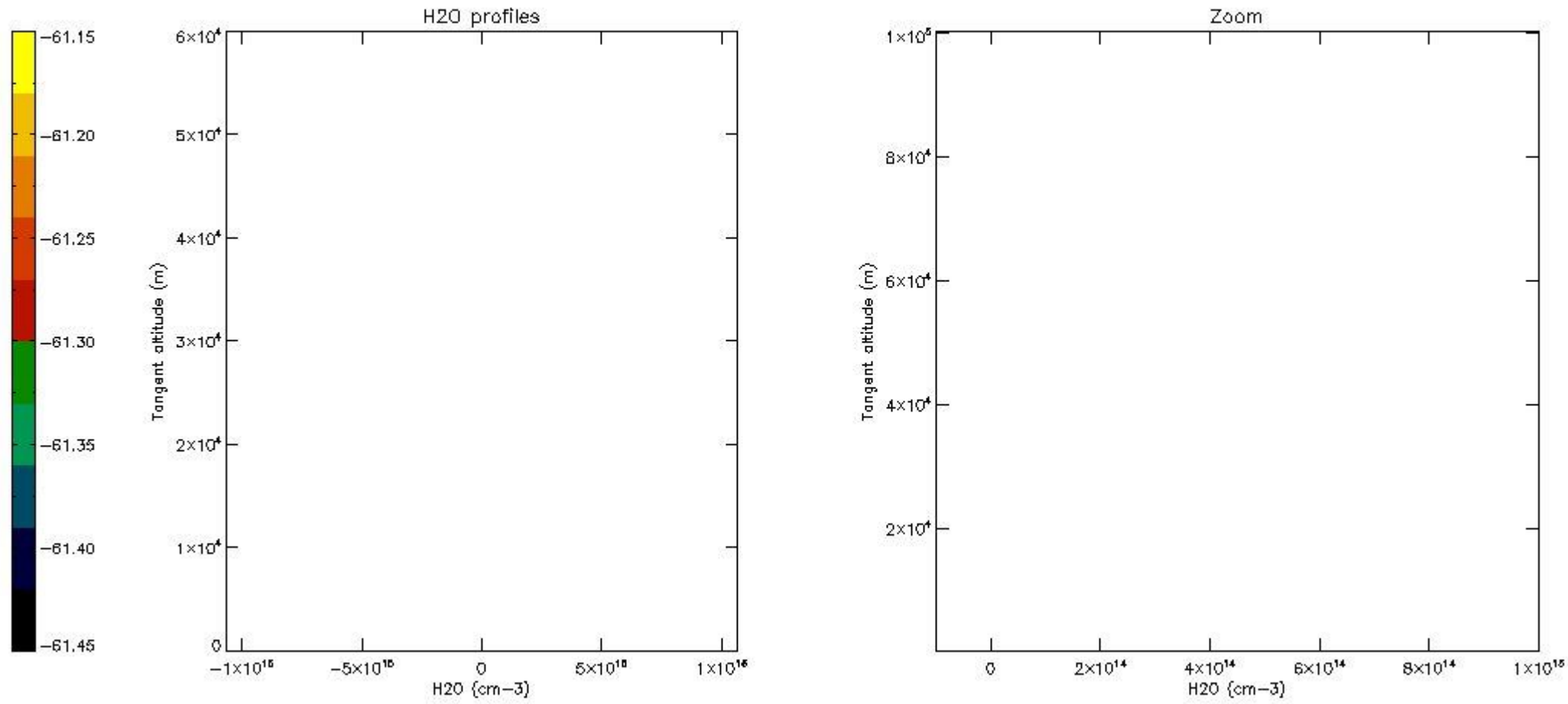
5.7 Plot NO3 profiles for all STD (dark without errors)

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	26-AUG-2007 05:33:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	26-AUG-2007 05:33:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	26-AUG-2007 05:33:20

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

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

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

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

Item	Value
Time of report generation	23APR2013 02:08:19
Data source version	GOMOS/6.01
Start time of products	26-08-2007 (26AUG2007 00:00:00)
Stop time of products	27-08-2007 (27AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	208
Nb of prods with errors	2

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__2PRFIN20070826_053320_00000982061_00077_28688_0532.N1	26-AUG-2007 05:33:20	Dark	97.500	9	Alp Eri	0.45300	24000.	195	28688	No
2	GOM_NL__2PRFIN20070826_053908_00000432061_00077_28688_0533.N1	26-AUG-2007 05:39:08	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	28688	Yes
3	GOM_NL__2PRFIN20070826_054155_00000922061_00077_28688_0534.N1	26-AUG-2007 05:41:55	Straylight	91.500	31	Alp Gru	1.7340	15200.	183	28688	No
4	GOM_NL__2PRFIN20070826_054550_000001112061_00077_28688_0535.N1	26-AUG-2007 05:45:50	Straylight	110.50	18	24Alp PsA	1.1660	9700.0	221	28688	No
5	GOM_NL__2PRFIN20070826_055101_000001092061_00077_28688_0536.N1	26-AUG-2007 05:51:01	Bright	109.00	142	49Del Cap	2.8500	8900.0	218	28688	No
6	GOM_NL__2PRFIN20070826_055549_000001012061_00077_28688_0537.N1	26-AUG-2007 05:55:49	Bright	101.00	162	34Alp Aqr	2.9440	5350.0	202	28688	No
7	GOM_NL__2PRFIN20070826_055854_00000952061_00077_28688_0538.N1	26-AUG-2007 05:58:54	Bright	95.000	61	8Eps Peg	2.1000	3900.0	190	28688	No
8	GOM_NL__2PRFIN20070826_060730_00000872061_00077_28688_0539.N1	26-AUG-2007 06:07:30	Bright	86.500	66	37Gam Cyg	2.2080	5900.0	173	28688	No
9	GOM_NL__2PRFIN20070826_062131_00000862061_00077_28688_0540.N1	26-AUG-2007 06:21:31	Bright	85.500	49	1Alp UMi	1.9900	6300.0	171	28688	No
10	GOM_NL__2PRFIN20070826_063423_00000572061_00077_28688_0541.N1	26-AUG-2007 06:34:23	Straylight	57.000	42	34Bet Aur	1.9000	10200.	114	28688	No
11	GOM_NL__2PRFIN20070826_063815_00000872061_00077_28688_0542.N1	26-AUG-2007 06:38:15	Bright	87.000	24	66Alp Gem	1.5800	10200.	174	28688	No
12	GOM_NL__2PRFIN20070826_064148_000001032061_00077_28688_0543.N1	26-AUG-2007 06:41:48	Twilight	103.00	151	13Mu Gem	2.8900	3000.0	206	28688	No
13	GOM_NL__2PRFIN20070826_064505_00000892061_00077_28688_0544.N1	26-AUG-2007 06:45:05	Twilight	88.500	153	3Bet CMi	2.8940	13100.	177	28688	No
14	GOM_NL__2PRFIN20070826_065259_000001002061_00077_28688_0545.N1	26-AUG-2007 06:52:59	Dark	100.00	1	9Alp CMa	-1.4400	11000.	200	28688	No
15	GOM_NL__2PRFIN20070826_065717_00000942061_00077_28688_0546.N1	26-AUG-2007 06:57:17	Dark	94.000	177	1Zet CMa	3.0220	26000.	188	28688	No
16	GOM_NL__2PRFIN20070826_071357_000001002061_00078_28689_0545.N1	26-AUG-2007 07:13:57	Dark	100.00	9	Alp Eri	0.45300	24000.	200	28689	No
17	GOM_NL__2PRFIN20070826_071945_00000432061_00078_28689_0546.N1	26-AUG-2007 07:19:45	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	28689	Yes
18	GOM_NL__2PRFIN20070826_072232_00000942061_00078_28689_0547.N1	26-AUG-2007 07:22:32	Straylight	94.000	31	Alp Gru	1.7340	15200.	188	28689	No
19	GOM_NL__2PRFIN20070826_072626_000001122061_00078_28689_0548.N1	26-AUG-2007 07:26:26	Straylight	111.50	18	24Alp PsA	1.1660	9700.0	223	28689	No
20	GOM_NL__2PRFIN20070826_073137_000001092061_00078_28689_0549.N1	26-AUG-2007 07:31:37	Bright	108.50	142	49Del Cap	2.8500	8900.0	217	28689	No
21	GOM_NL__2PRFIN20070826_073625_000001012061_00078_28689_0550.N1	26-AUG-2007 07:36:25	Bright	100.50	162	34Alp Aqr	2.9440	5350.0	201	28689	No
22	GOM_NL__2PRFIN20070826_073930_00000972061_00078_28689_0551.N1	26-AUG-2007 07:39:30	Bright	96.500	61	8Eps Peg	2.1000	3900.0	193	28689	No
23	GOM_NL__2PRFIN20070826_074806_00000872061_00078_28689_0552.N1	26-AUG-2007 07:48:06	Bright	86.500	66	37Gam Cyg	2.2080	5900.0	173	28689	No
24	GOM_NL__2PRFIN20070826_080207_00000852061_00078_28689_0553.N1	26-AUG-2007 08:02:07	Bright	85.000	49	1Alp UMi	1.9900	6300.0	170	28689	No
25	GOM_NL__2PRFIN20070826_081459_00000572061_00078_28689_0554.N1	26-AUG-2007 08:14:59	Straylight	57.000	42	34Bet Aur	1.9000	10200.	114	28689	No
26	GOM_NL__2PRFIN20070826_081851_00000862061_00078_28689_0555.N1	26-AUG-2007 08:18:51	Bright	85.500	24	66Alp Gem	1.5800	10200.	171	28689	No
27	GOM_NL__2PRFIN20070826_082224_000001152061_00078_28689_0556.N1	26-AUG-2007 08:22:24	Twilight	115.00	151	13Mu Gem	2.8900	3000.0	230	28689	No
28	GOM_NL__2PRFIN20070826_082541_00000892061_00078_28689_0557.N1	26-AUG-2007 08:25:41	Twilight	88.500	153	3Bet CMi	2.8940	13100.	177	28689	No
29	GOM_NL__2PRFIN20070826_083335_000001042061_00078_28689_0558.N1	26-AUG-2007 08:33:35	Dark	104.00	1	9Alp CMa	-1.4400	11000.	208	28689	No
30	GOM_NL__2PRFIN20070826_083753_00000942061_00078_28689_0559.N1	26-AUG-2007 08:37:53	Dark	93.500	177	1Zet CMa	3.0220	26000.	187	28689	No
31	GOM_NL__2PRFIN20070826_085528_00000532061_00079_28690_0554.N1	26-AUG-2007 08:55:28	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28690	No
32	GOM_NL__2PRFIN20070826_090400_00000422061_00079_28690_0555.N1	26-AUG-2007 09:04:00	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28690	No
33	GOM_NL__2PRFIN20070826_090802_00000512061_00079_28690_0556.N1	26-AUG-2007 09:08:02	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	28690	No
34	GOM_NL__2PRFIN20070826_091307_00000552061_00079_28690_0557.N1	26-AUG-2007 09:13:07	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	28690	No
35	GOM_NL__2PRFIN20070826_091620_00000392061_00079_28690_0558.N1	26-AUG-2007 09:16:20	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28690	No
36	GOM_NL__2PRFIN20070826_091759_00000432061_00079_28690_0559.N1	26-AUG-2007 09:17:59	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	28690	No
37	GOM_NL__2PRFIN20070826_092102_00000412061_00079_28690_0560.N1	26-AUG-2007 09:21:02	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	28690	No
38	GOM_NL__2PRFIN20070826_092745_00000372061_00079_28690_0561.N1	26-AUG-2007 09:27:45	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28690	No
39	GOM_NL__2PRFIN20070826_092932_00000372061_00079_28690_0562.N1	26-AUG-2007 09:29:32	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28690	No
40	GOM_NL__2PRFIN20070826_093057_00000382061_00079_28690_0563.N1	26-AUG-2007 09:30:57	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	28690	No
41	GOM_NL__2PRFIN20070826_093606_00000372061_00079_28690_0564.N1	26-AUG-2007 09:36:06	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28690	No
42	GOM_NL__2PRFIN20070826_094335_00000362061_00079_28690_0565.N1	26-AUG-2007 09:43:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28690	No

43	GOM_NL__2PRFIN20070826_100019_000000362061_00079_28690_0566.N1	26-AUG-2007 10:00:19	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28690	No
44	GOM_NL__2PRFIN20070826_100400_000000512061_00079_28690_0567.N1	26-AUG-2007 10:04:00	Twilight	50.500	151	13Mu Gem	2.8900	3000.0	101	28690	No
45	GOM_NL__2PRFIN20070826_100540_000000472061_00079_28690_0568.N1	26-AUG-2007 10:05:40	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	28690	No
46	GOM_NL__2PRFIN20070826_100709_000000382061_00079_28690_0569.N1	26-AUG-2007 10:07:09	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28690	No
47	GOM_NL__2PRFIN20070826_101505_000000522061_00079_28690_0570.N1	26-AUG-2007 10:15:05	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28690	No
48	GOM_NL__2PRFIN20070826_101631_000000392061_00079_28690_0571.N1	26-AUG-2007 10:16:31	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28690	No
49	GOM_NL__2PRFIN20070826_101759_000000412061_00079_28690_0572.N1	26-AUG-2007 10:17:59	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	28690	No
50	GOM_NL__2PRFIN20070826_101924_000000422061_00079_28690_0573.N1	26-AUG-2007 10:19:24	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	28690	No
51	GOM_NL__2PRFIN20070826_103605_000000462061_00080_28691_0574.N1	26-AUG-2007 10:36:05	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28691	No
52	GOM_NL__2PRFIN20070826_104436_000000392061_00080_28691_0575.N1	26-AUG-2007 10:44:36	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28691	No
53	GOM_NL__2PRFIN20070826_104838_000000512061_00080_28691_0576.N1	26-AUG-2007 10:48:38	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	28691	No
54	GOM_NL__2PRFIN20070826_105343_000000512061_00080_28691_0577.N1	26-AUG-2007 10:53:43	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	28691	No
55	GOM_NL__2PRFIN20070826_105656_000000392061_00080_28691_0578.N1	26-AUG-2007 10:56:56	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28691	No
56	GOM_NL__2PRFIN20070826_105835_000000422061_00080_28691_0579.N1	26-AUG-2007 10:58:35	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	28691	No
57	GOM_NL__2PRFIN20070826_110138_000000392061_00080_28691_0580.N1	26-AUG-2007 11:01:38	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28691	No
58	GOM_NL__2PRFIN20070826_110821_000000352061_00080_28691_0581.N1	26-AUG-2007 11:08:21	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28691	No
59	GOM_NL__2PRFIN20070826_111008_000000372061_00080_28691_0582.N1	26-AUG-2007 11:10:08	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28691	No
60	GOM_NL__2PRFIN20070826_111133_000000372061_00080_28691_0583.N1	26-AUG-2007 11:11:33	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28691	No
61	GOM_NL__2PRFIN20070826_111641_000000372061_00080_28691_0584.N1	26-AUG-2007 11:16:41	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28691	No
62	GOM_NL__2PRFIN20070826_112411_000000372061_00080_28691_0585.N1	26-AUG-2007 11:24:11	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28691	No
63	GOM_NL__2PRFIN20070826_114055_000000352061_00080_28691_0586.N1	26-AUG-2007 11:40:55	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28691	No
64	GOM_NL__2PRFIN20070826_114436_000000512061_00080_28691_0587.N1	26-AUG-2007 11:44:36	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	28691	No
65	GOM_NL__2PRFIN20070826_114616_000000472061_00080_28691_0588.N1	26-AUG-2007 11:46:16	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	28691	No
66	GOM_NL__2PRFIN20070826_114745_000000382061_00080_28691_0589.N1	26-AUG-2007 11:47:45	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28691	No
67	GOM_NL__2PRFIN20070826_115541_000000482061_00080_28691_0590.N1	26-AUG-2007 11:55:41	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28691	No
68	GOM_NL__2PRFIN20070826_115707_000000402061_00080_28691_0591.N1	26-AUG-2007 11:57:07	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28691	No
69	GOM_NL__2PRFIN20070826_115835_000000422061_00080_28691_0592.N1	26-AUG-2007 11:58:35	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28691	No
70	GOM_NL__2PRFIN20070826_120000_000000402061_00080_28691_0593.N1	26-AUG-2007 12:00:00	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28691	No
71	GOM_NL__2PRFIN20070826_121641_000000452061_00081_28692_0587.N1	26-AUG-2007 12:16:41	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28692	No
72	GOM_NL__2PRFIN20070826_122512_000000412061_00081_28692_0588.N1	26-AUG-2007 12:25:12	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28692	No
73	GOM_NL__2PRFIN20070826_122915_000000512061_00081_28692_0589.N1	26-AUG-2007 12:29:15	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	28692	No
74	GOM_NL__2PRFIN20070826_123419_000000482061_00081_28692_0590.N1	26-AUG-2007 12:34:19	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	28692	No
75	GOM_NL__2PRFIN20070826_123732_000000392061_00081_28692_0591.N1	26-AUG-2007 12:37:32	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28692	No
76	GOM_NL__2PRFIN20070826_123911_000000422061_00081_28692_0592.N1	26-AUG-2007 12:39:11	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	28692	No
77	GOM_NL__2PRFIN20070826_124213_000000382061_00081_28692_0593.N1	26-AUG-2007 12:42:13	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28692	No
78	GOM_NL__2PRFIN20070826_124857_000000352061_00081_28692_0594.N1	26-AUG-2007 12:48:57	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28692	No
79	GOM_NL__2PRFIN20070826_125044_000000332061_00081_28692_0595.N1	26-AUG-2007 12:50:44	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	28692	No
80	GOM_NL__2PRFIN20070826_125209_000000342061_00081_28692_0596.N1	26-AUG-2007 12:52:09	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	28692	No
81	GOM_NL__2PRFIN20070826_125717_000000372061_00081_28692_0597.N1	26-AUG-2007 12:57:17	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28692	No
82	GOM_NL__2PRFIN20070826_130446_000000362061_00081_28692_0598.N1	26-AUG-2007 13:04:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28692	No
83	GOM_NL__2PRFIN20070826_132131_000000362061_00081_28692_0599.N1	26-AUG-2007 13:21:31	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28692	No
84	GOM_NL__2PRFIN20070826_132512_000000512061_00081_28692_0600.N1	26-AUG-2007 13:25:12	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	28692	No
85	GOM_NL__2PRFIN20070826_132653_000000462061_00081_28692_0601.N1	26-AUG-2007 13:26:53	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	28692	No
86	GOM_NL__2PRFIN20070826_132821_000000392061_00081_28692_0602.N1	26-AUG-2007 13:28:21	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28692	No
87	GOM_NL__2PRFIN20070826_133618_000000502061_00081_28692_0603.N1	26-AUG-2007 13:36:18	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28692	No
88	GOM_NL__2PRFIN20070826_133743_000000382061_00081_28692_0604.N1	26-AUG-2007 13:37:43	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28692	No
89	GOM_NL__2PRFIN20070826_133911_000000412061_00081_28692_0605.N1	26-AUG-2007 13:39:11	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	28692	No
90	GOM_NL__2PRFIN20070826_134037_000000422061_00081_28692_0606.N1	26-AUG-2007 13:40:37	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	28692	No
91	GOM_NL__2PRFIN20070826_135718_000000452061_00082_28693_0614.N1	26-AUG-2007 13:57:18	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28693	No
92	GOM_NL__2PRFIN20070826_140548_000000432061_00082_28693_7122.N1	26-AUG-2007 14:05:48	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28693	No
93	GOM_NL__2PRFIN20070826_140951_000000492061_00082_28693_7123.N1	26-AUG-2007 14:09:51	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	28693	No
94	GOM_NL__2PRFIN20070826_141455_000000552061_00082_28693_7124.N1	26-AUG-2007 14:14:55	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	28693	No
95	GOM_NL__2PRFIN20070826_141808_000000382061_00082_28693_7125.N1	26-AUG-2007 14:18:08	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28693	No
96	GOM_NL__2PRFIN20070826_141947_000000422061_00082_28693_7126.N1	26-AUG-2007 14:19:47	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	28693	No
97	GOM_NL__2PRFIN20070826_142249_000000392061_00082_28693_7127.N1	26-AUG-2007 14:22:49	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28693	No
98	GOM_NL__2PRFIN20070826_142933_000000352061_00082_28693_7128.N1	26-AUG-2007 14:29:33	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28693	No
99	GOM_NL__2PRFIN20070826_143120_000000362061_00082_28693_7129.N1	26-AUG-2007 14:31:20	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	28693	No
100	GOM_NL__2PRFIN20070826_143245_000000382061_00082_28693_7130.N1	26-AUG-2007 14:32:45	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28693	No
101	GOM_NL__2PRFIN20070826_143753_000000372061_00082_28693_7131.N1	26-AUG-2007 14:37:53	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28693	No

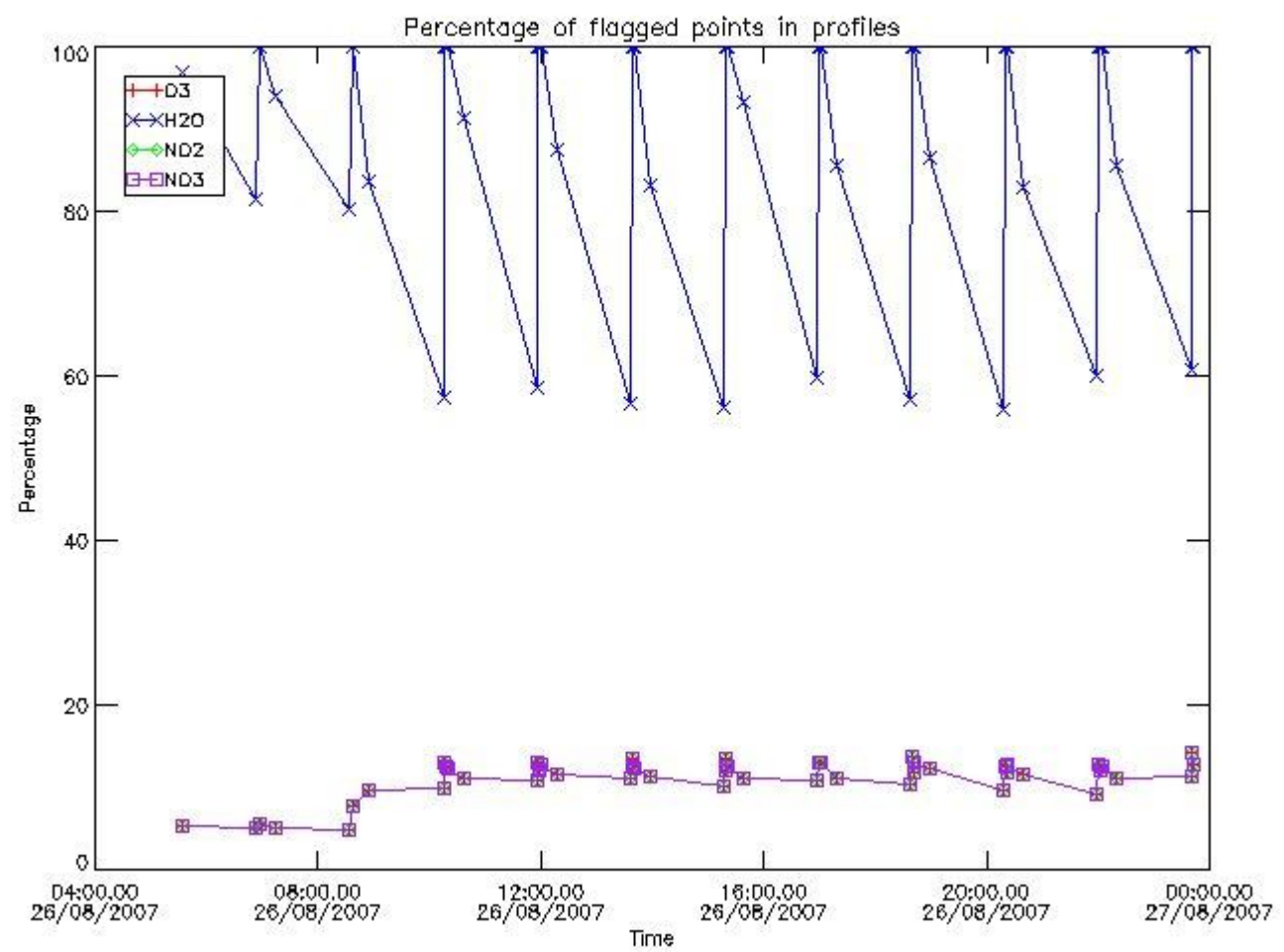
102	GOM_NL__2PRFIN20070826_144523_000000352061_00082_28693_7132.N1	26-AUG-2007 14:45:23	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28693	No
103	GOM_NL__2PRFIN20070826_150207_000000362061_00082_28693_7133.N1	26-AUG-2007 15:02:07	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28693	No
104	GOM_NL__2PRFIN20070826_150548_000000532061_00082_28693_7134.N1	26-AUG-2007 15:05:48	Tw_i_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	28693	No
105	GOM_NL__2PRFIN20070826_150729_000000462061_00082_28693_7135.N1	26-AUG-2007 15:07:29	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	28693	No
106	GOM_NL__2PRFIN20070826_150858_000000392061_00082_28693_7136.N1	26-AUG-2007 15:08:58	Twilight	38.500	153	3Bet CMi	2.8940	13100.	77	28693	No
107	GOM_NL__2PRFIN20070826_151654_000000512061_00082_28693_7137.N1	26-AUG-2007 15:16:54	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	28693	No
108	GOM_NL__2PRFIN20070826_151820_000000382061_00082_28693_7138.N1	26-AUG-2007 15:18:20	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28693	No
109	GOM_NL__2PRFIN20070826_151948_000000432061_00082_28693_7139.N1	26-AUG-2007 15:19:48	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28693	No
110	GOM_NL__2PRFIN20070826_152113_000000412061_00082_28693_7140.N1	26-AUG-2007 15:21:13	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28693	No
111	GOM_NL__2PRFIN20070826_153754_000000462061_00083_28694_0943.N1	26-AUG-2007 15:37:54	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28694	No
112	GOM_NL__2PRFIN20070826_154625_000000382061_00083_28694_0944.N1	26-AUG-2007 15:46:25	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	28694	No
113	GOM_NL__2PRFIN20070826_155027_000000502061_00083_28694_0945.N1	26-AUG-2007 15:50:27	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	28694	No
114	GOM_NL__2PRFIN20070826_155531_000000472061_00083_28694_0946.N1	26-AUG-2007 15:55:31	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	28694	No
115	GOM_NL__2PRFIN20070826_155844_000000392061_00083_28694_0947.N1	26-AUG-2007 15:58:44	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28694	No
116	GOM_NL__2PRFIN20070826_160022_000000422061_00083_28694_0948.N1	26-AUG-2007 16:00:22	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	28694	No
117	GOM_NL__2PRFIN20070826_160325_000000402061_00083_28694_0949.N1	26-AUG-2007 16:03:25	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	28694	No
118	GOM_NL__2PRFIN20070826_161009_000000372061_00083_28694_0950.N1	26-AUG-2007 16:10:09	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28694	No
119	GOM_NL__2PRFIN20070826_161156_000000372061_00083_28694_0951.N1	26-AUG-2007 16:11:56	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28694	No
120	GOM_NL__2PRFIN20070826_161321_000000382061_00083_28694_0952.N1	26-AUG-2007 16:13:21	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28694	No
121	GOM_NL__2PRFIN20070826_161828_000000362061_00083_28694_0953.N1	26-AUG-2007 16:18:28	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28694	No
122	GOM_NL__2PRFIN20070826_162558_000000352061_00083_28694_0954.N1	26-AUG-2007 16:25:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28694	No
123	GOM_NL__2PRFIN20070826_164243_000000362061_00083_28694_0955.N1	26-AUG-2007 16:42:43	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28694	No
124	GOM_NL__2PRFIN20070826_164624_000000532061_00083_28694_0956.N1	26-AUG-2007 16:46:24	Tw_i_and_stray	52.500	151	13Mu Gem	2.8900	3000.0	105	28694	No
125	GOM_NL__2PRFIN20070826_164805_000000462061_00083_28694_0957.N1	26-AUG-2007 16:48:05	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	28694	No
126	GOM_NL__2PRFIN20070826_164934_000000392061_00083_28694_0958.N1	26-AUG-2007 16:49:34	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28694	No
127	GOM_NL__2PRFIN20070826_165731_000000472061_00083_28694_0959.N1	26-AUG-2007 16:57:31	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28694	No
128	GOM_NL__2PRFIN20070826_165856_000000402061_00083_28694_0960.N1	26-AUG-2007 16:58:56	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28694	No
129	GOM_NL__2PRFIN20070826_170024_000000402061_00083_28694_0961.N1	26-AUG-2007 17:00:24	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	28694	No
130	GOM_NL__2PRFIN20070826_170150_000000402061_00083_28694_0962.N1	26-AUG-2007 17:01:50	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	28694	No
131	GOM_NL__2PRFIN20070826_171831_000000462061_00084_28695_0854.N1	26-AUG-2007 17:18:31	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28695	No
132	GOM_NL__2PRFIN20070826_172701_000000402061_00084_28695_0855.N1	26-AUG-2007 17:27:01	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28695	No
133	GOM_NL__2PRFIN20070826_173103_000000502061_00084_28695_0856.N1	26-AUG-2007 17:31:03	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	28695	No
134	GOM_NL__2PRFIN20070826_173607_000000442061_00084_28695_0857.N1	26-AUG-2007 17:36:07	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	28695	No
135	GOM_NL__2PRFIN20070826_173920_000000392061_00084_28695_0858.N1	26-AUG-2007 17:39:20	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28695	No
136	GOM_NL__2PRFIN20070826_174058_000000422061_00084_28695_0859.N1	26-AUG-2007 17:40:58	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	28695	No
137	GOM_NL__2PRFIN20070826_174401_000000402061_00084_28695_0860.N1	26-AUG-2007 17:44:01	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	28695	No
138	GOM_NL__2PRFIN20070826_175045_000000362061_00084_28695_0861.N1	26-AUG-2007 17:50:45	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28695	No
139	GOM_NL__2PRFIN20070826_175232_000000372061_00084_28695_0862.N1	26-AUG-2007 17:52:32	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28695	No
140	GOM_NL__2PRFIN20070826_175356_000000382061_00084_28695_0863.N1	26-AUG-2007 17:53:56	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28695	No
141	GOM_NL__2PRFIN20070826_175904_000000382061_00084_28695_0864.N1	26-AUG-2007 17:59:04	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28695	No
142	GOM_NL__2PRFIN20070826_180634_000000362061_00084_28695_0865.N1	26-AUG-2007 18:06:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28695	No
143	GOM_NL__2PRFIN20070826_182319_000000362061_00084_28695_0866.N1	26-AUG-2007 18:23:19	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28695	No
144	GOM_NL__2PRFIN20070826_182701_000000592061_00084_28695_0867.N1	26-AUG-2007 18:27:01	Tw_i_and_stray	59.000	151	13Mu Gem	2.8900	3000.0	118	28695	No
145	GOM_NL__2PRFIN20070826_182842_000000482061_00084_28695_0868.N1	26-AUG-2007 18:28:42	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	28695	No
146	GOM_NL__2PRFIN20070826_183010_000000402061_00084_28695_0869.N1	26-AUG-2007 18:30:10	Twilight	39.500	153	3Bet CMi	2.8940	13100.	79	28695	No
147	GOM_NL__2PRFIN20070826_183807_000000502061_00084_28695_0870.N1	26-AUG-2007 18:38:07	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28695	No
148	GOM_NL__2PRFIN20070826_183933_000000372061_00084_28695_0871.N1	26-AUG-2007 18:39:33	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	28695	No
149	GOM_NL__2PRFIN20070826_184100_000000442061_00084_28695_0872.N1	26-AUG-2007 18:41:00	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28695	No
150	GOM_NL__2PRFIN20070826_184226_000000392061_00084_28695_0873.N1	26-AUG-2007 18:42:26	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28695	No
151	GOM_NL__2PRFIN20070826_185908_000000422061_00085_28696_0879.N1	26-AUG-2007 18:59:08	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28696	No
152	GOM_NL__2PRFIN20070826_190737_000000402061_00085_28696_0880.N1	26-AUG-2007 19:07:37	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	28696	No
153	GOM_NL__2PRFIN20070826_191140_000000512061_00085_28696_0881.N1	26-AUG-2007 19:11:40	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	28696	No
154	GOM_NL__2PRFIN20070826_191643_000000432061_00085_28696_0882.N1	26-AUG-2007 19:16:43	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	28696	No
155	GOM_NL__2PRFIN20070826_191956_000000402061_00085_28696_0883.N1	26-AUG-2007 19:19:56	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28696	No
156	GOM_NL__2PRFIN20070826_192134_000000422061_00085_28696_0884.N1	26-AUG-2007 19:21:34	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	28696	No
157	GOM_NL__2PRFIN20070826_192437_000000412061_00085_28696_0885.N1	26-AUG-2007 19:24:37	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	28696	No
158	GOM_NL__2PRFIN20070826_193121_000000382061_00085_28696_0886.N1	26-AUG-2007 19:31:21	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28696	No
159	GOM_NL__2PRFIN20070826_193308_000000372061_00085_28696_0887.N1	26-AUG-2007 19:33:08	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28696	No
160	GOM_NL__2PRFIN20070826_193432_000000352061_00085_28696_0888.N1	26-AUG-2007 19:34:32	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28696	No

161	GOM_NL__2PRFIN20070826_193940_000000372061_00085_28696_0889.N1	26-AUG-2007 19:39:40	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28696	No
162	GOM_NL__2PRFIN20070826_194710_000000422061_00085_28696_0890.N1	26-AUG-2007 19:47:10	Bright	41.500	49	1Alp UMi	1.9900	6300.0	83	28696	No
163	GOM_NL__2PRFIN20070826_200355_000000362061_00085_28696_0891.N1	26-AUG-2007 20:03:55	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28696	No
164	GOM_NL__2PRFIN20070826_200737_000000572061_00085_28696_0892.N1	26-AUG-2007 20:07:37	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	28696	No
165	GOM_NL__2PRFIN20070826_200918_000000462061_00085_28696_0893.N1	26-AUG-2007 20:09:18	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	28696	No
166	GOM_NL__2PRFIN20070826_201046_000000412061_00085_28696_0894.N1	26-AUG-2007 20:10:46	Twilight	41.000	153	3Bet CMi	2.8940	13100.	82	28696	No
167	GOM_NL__2PRFIN20070826_201844_000000532061_00085_28696_0895.N1	26-AUG-2007 20:18:44	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28696	No
168	GOM_NL__2PRFIN20070826_202009_000000412061_00085_28696_0896.N1	26-AUG-2007 20:20:09	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	28696	No
169	GOM_NL__2PRFIN20070826_202137_000000442061_00085_28696_0897.N1	26-AUG-2007 20:21:37	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28696	No
170	GOM_NL__2PRFIN20070826_202303_000000402061_00085_28696_0898.N1	26-AUG-2007 20:23:03	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28696	No
171	GOM_NL__2PRFIN20070826_203944_000000442061_00086_28697_0884.N1	26-AUG-2007 20:39:44	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28697	No
172	GOM_NL__2PRFIN20070826_204813_000000392061_00086_28697_0885.N1	26-AUG-2007 20:48:13	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28697	No
173	GOM_NL__2PRFIN20070826_205216_000000522061_00086_28697_0886.N1	26-AUG-2007 20:52:16	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	28697	No
174	GOM_NL__2PRFIN20070826_205719_000000442061_00086_28697_0887.N1	26-AUG-2007 20:57:19	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	28697	No
175	GOM_NL__2PRFIN20070826_210032_000000392061_00086_28697_0888.N1	26-AUG-2007 21:00:32	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28697	No
176	GOM_NL__2PRFIN20070826_210210_000000422061_00086_28697_0889.N1	26-AUG-2007 21:02:10	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	28697	No
177	GOM_NL__2PRFIN20070826_210513_000000392061_00086_28697_0890.N1	26-AUG-2007 21:05:13	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28697	No
178	GOM_NL__2PRFIN20070826_211157_000000382061_00086_28697_0891.N1	26-AUG-2007 21:11:57	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28697	No
179	GOM_NL__2PRFIN20070826_211344_000000362061_00086_28697_0892.N1	26-AUG-2007 21:13:44	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	28697	No
180	GOM_NL__2PRFIN20070826_211508_000000362061_00086_28697_0893.N1	26-AUG-2007 21:15:08	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	28697	No
181	GOM_NL__2PRFIN20070826_212016_000000382061_00086_28697_0894.N1	26-AUG-2007 21:20:16	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28697	No
182	GOM_NL__2PRFIN20070826_212746_000000372061_00086_28697_0895.N1	26-AUG-2007 21:27:46	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28697	No
183	GOM_NL__2PRFIN20070826_214431_000000362061_00086_28697_0896.N1	26-AUG-2007 21:44:31	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28697	No
184	GOM_NL__2PRFIN20070826_214813_000000492061_00086_28697_0897.N1	26-AUG-2007 21:48:13	Twilight	49.000	151	13Mu Gem	2.8900	3000.0	98	28697	No
185	GOM_NL__2PRFIN20070826_214954_000000482061_00086_28697_0898.N1	26-AUG-2007 21:49:54	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	28697	No
186	GOM_NL__2PRFIN20070826_215122_000000402061_00086_28697_0899.N1	26-AUG-2007 21:51:22	Twilight	39.500	153	3Bet CMi	2.8940	13100.	79	28697	No
187	GOM_NL__2PRFIN20070826_215920_000000562061_00086_28697_0900.N1	26-AUG-2007 21:59:20	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28697	No
188	GOM_NL__2PRFIN20070826_220045_000000402061_00086_28697_0901.N1	26-AUG-2007 22:00:45	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28697	No
189	GOM_NL__2PRFIN20070826_220213_000000432061_00086_28697_0902.N1	26-AUG-2007 22:02:13	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28697	No
190	GOM_NL__2PRFIN20070826_220339_000000412061_00086_28697_0903.N1	26-AUG-2007 22:03:39	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28697	No
191	GOM_NL__2PRFIN20070826_222021_000000462061_00087_28698_0684.N1	26-AUG-2007 22:20:21	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28698	No
192	GOM_NL__2PRFIN20070826_222850_000000422061_00087_28698_0685.N1	26-AUG-2007 22:28:50	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28698	No
193	GOM_NL__2PRFIN20070826_223252_000000502061_00087_28698_0686.N1	26-AUG-2007 22:32:52	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	28698	No
194	GOM_NL__2PRFIN20070826_223755_000000442061_00087_28698_0687.N1	26-AUG-2007 22:37:55	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28698	No
195	GOM_NL__2PRFIN20070826_224108_000000392061_00087_28698_0688.N1	26-AUG-2007 22:41:08	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28698	No
196	GOM_NL__2PRFIN20070826_224246_000000422061_00087_28698_0689.N1	26-AUG-2007 22:42:46	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	28698	No
197	GOM_NL__2PRFIN20070826_224548_000000412061_00087_28698_0690.N1	26-AUG-2007 22:45:48	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	28698	No
198	GOM_NL__2PRFIN20070826_225232_000000362061_00087_28698_0691.N1	26-AUG-2007 22:52:32	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	28698	No
199	GOM_NL__2PRFIN20070826_225544_000000372061_00087_28698_0692.N1	26-AUG-2007 22:55:44	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28698	No
200	GOM_NL__2PRFIN20070826_230052_000000352061_00087_28698_0693.N1	26-AUG-2007 23:00:52	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28698	No
201	GOM_NL__2PRFIN20070826_230822_000000362061_00087_28698_0694.N1	26-AUG-2007 23:08:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28698	No
202	GOM_NL__2PRFIN20070826_232507_000000352061_00087_28698_0695.N1	26-AUG-2007 23:25:07	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28698	No
203	GOM_NL__2PRFIN20070826_232849_000000552061_00087_28698_0696.N1	26-AUG-2007 23:28:49	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	28698	No
204	GOM_NL__2PRFIN20070826_233030_000000502061_00087_28698_0697.N1	26-AUG-2007 23:30:30	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	28698	No
205	GOM_NL__2PRFIN20070826_233159_000000402061_00087_28698_0698.N1	26-AUG-2007 23:31:59	Twilight	39.500	153	3Bet CMi	2.8940	13100.	79	28698	No
206	GOM_NL__2PRFIN20070826_233956_000000452061_00087_28698_0699.N1	26-AUG-2007 23:39:56	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28698	No
207	GOM_NL__2PRFIN20070826_234121_000000402061_00087_28698_0700.N1	26-AUG-2007 23:41:21	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28698	No
208	GOM_NL__2PRFIN20070826_234249_000000442061_00087_28698_0701.N1	26-AUG-2007 23:42:49	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28698	No

3. Quality information per product

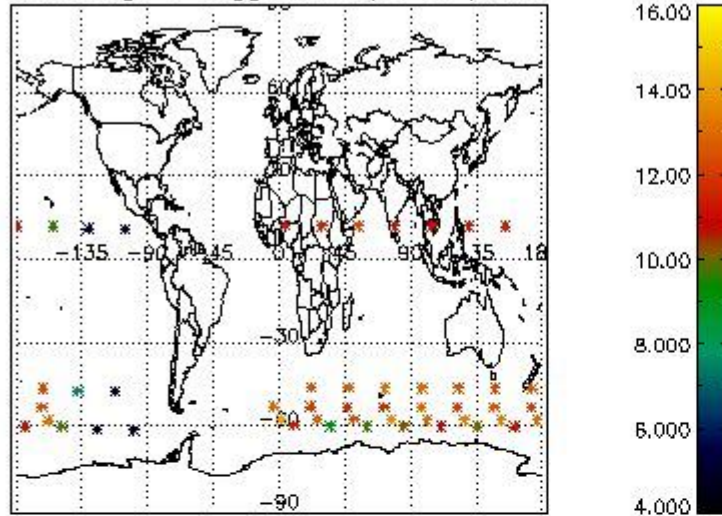
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

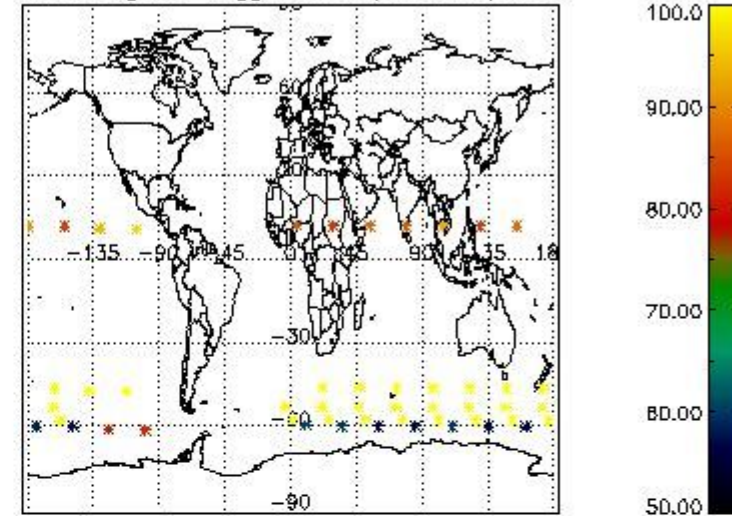


3.2 Plot quality information per product (world map)

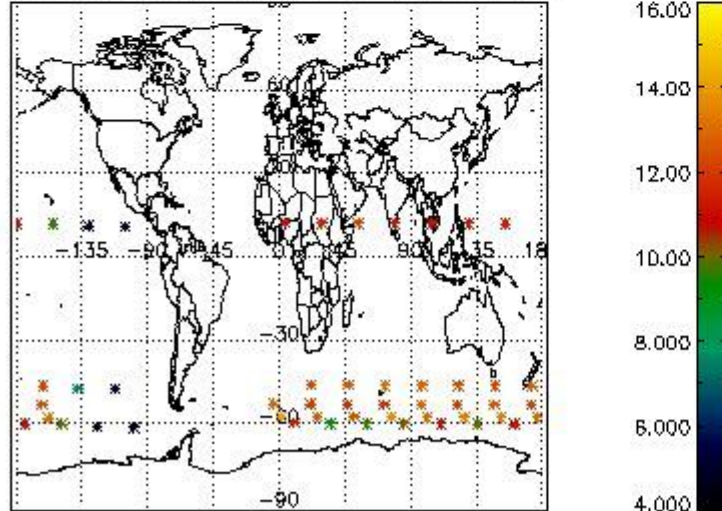
Percentage of flagged data per O3 profile



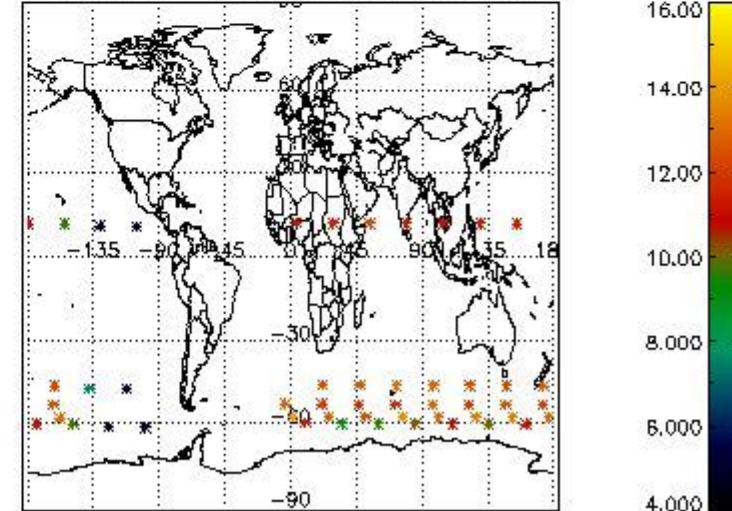
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

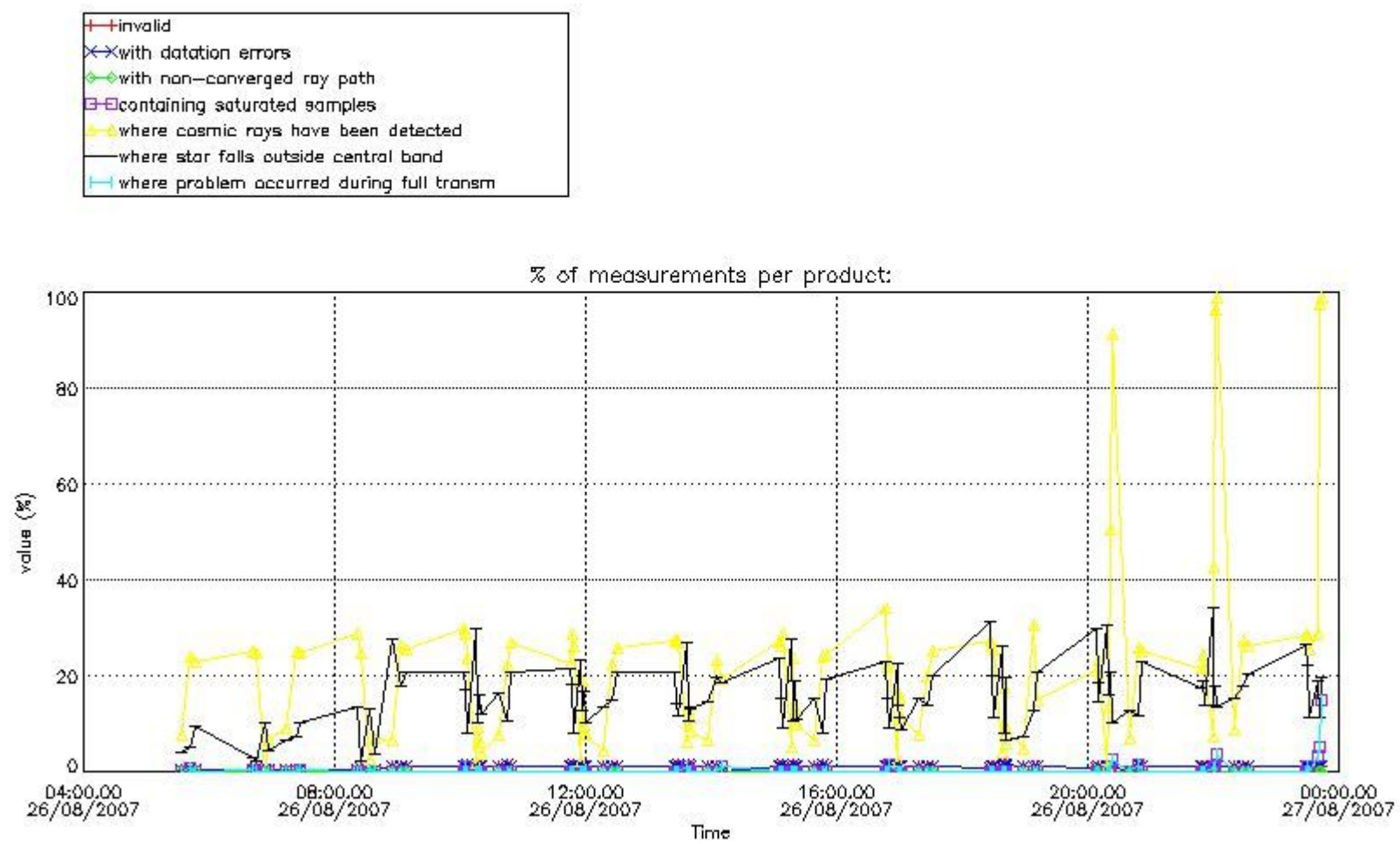


4. Level 1 quality information per product

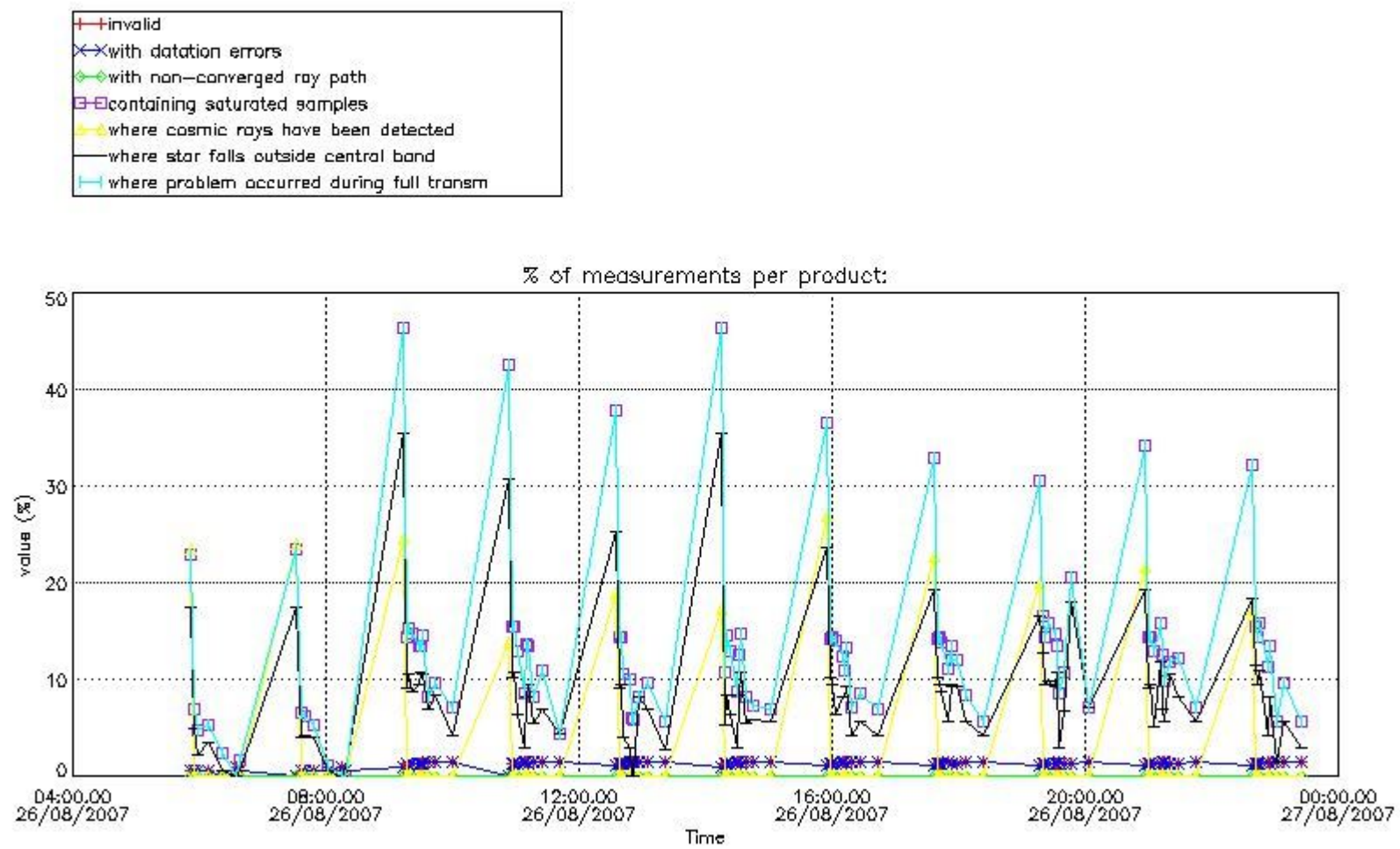
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

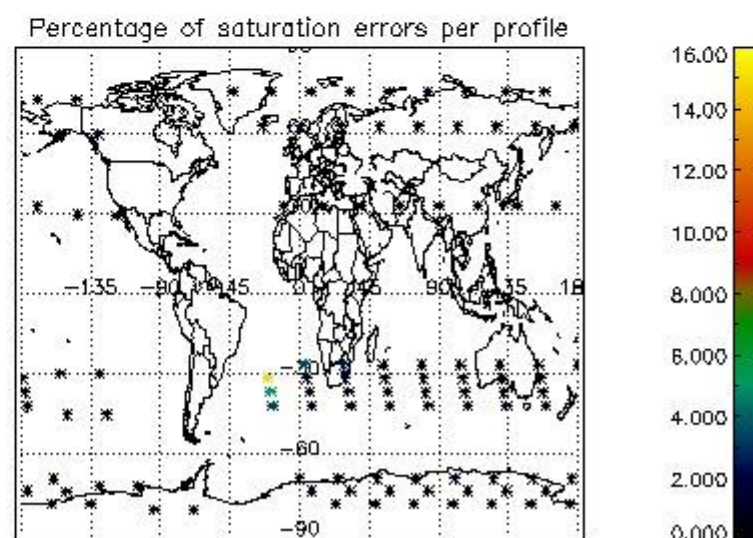
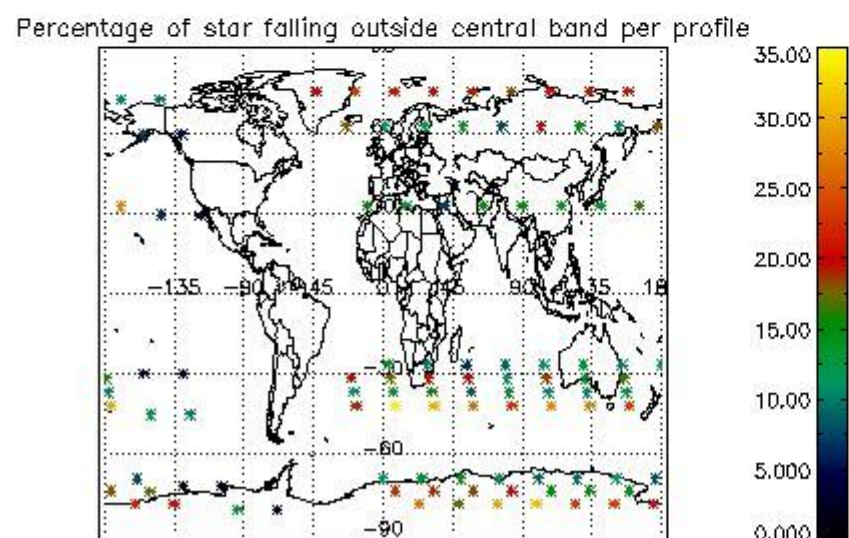
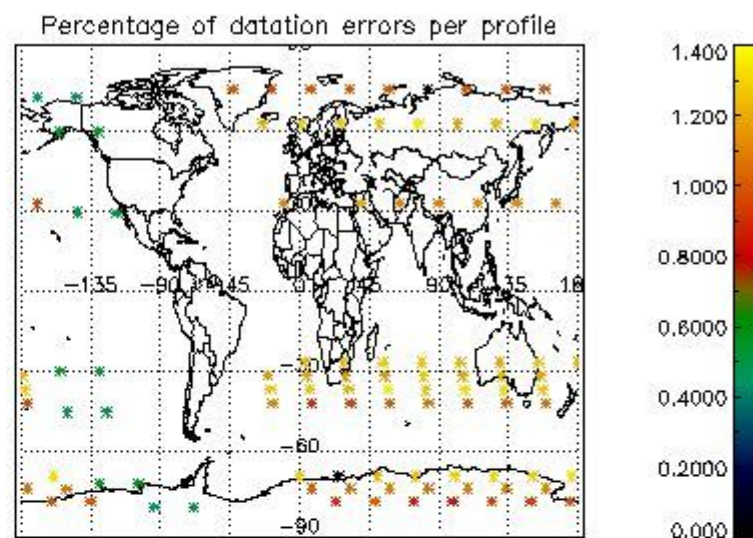
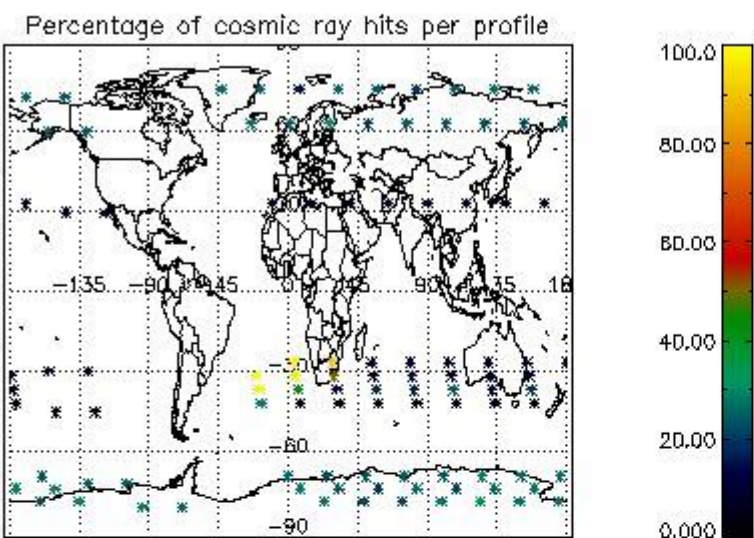


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



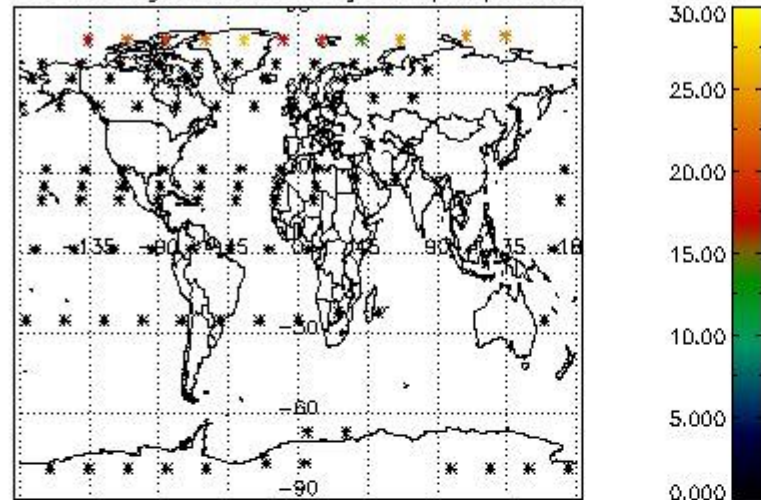
4.2 Plot quality information per product coming from level 1b processing (world map)

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

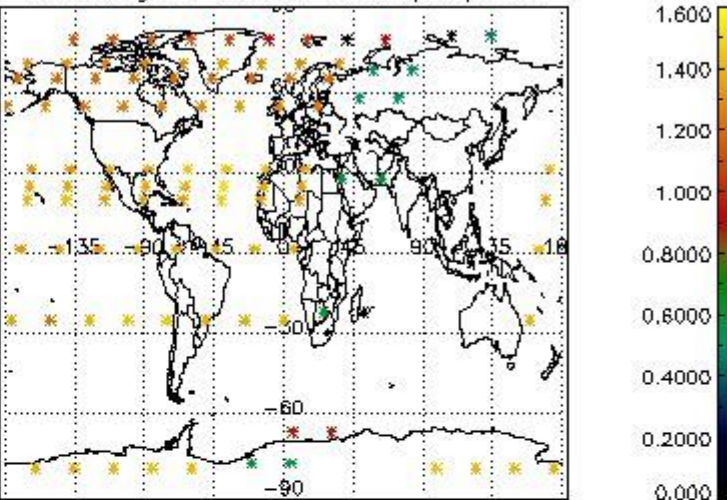


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

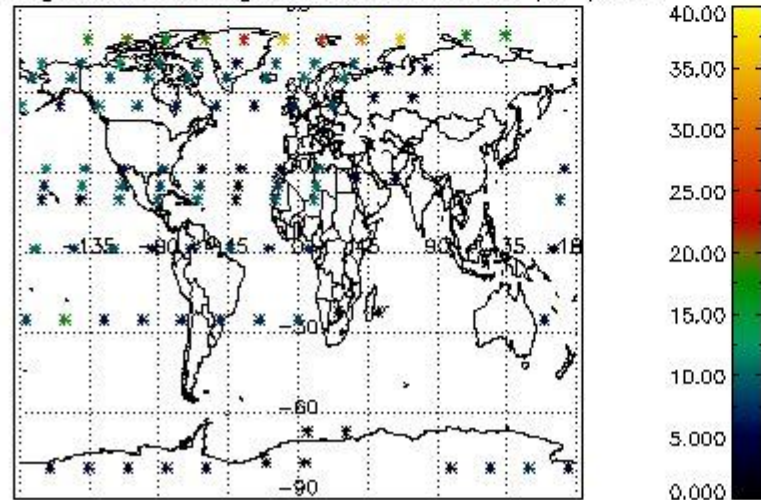
Percentage of cosmic ray hits per profile



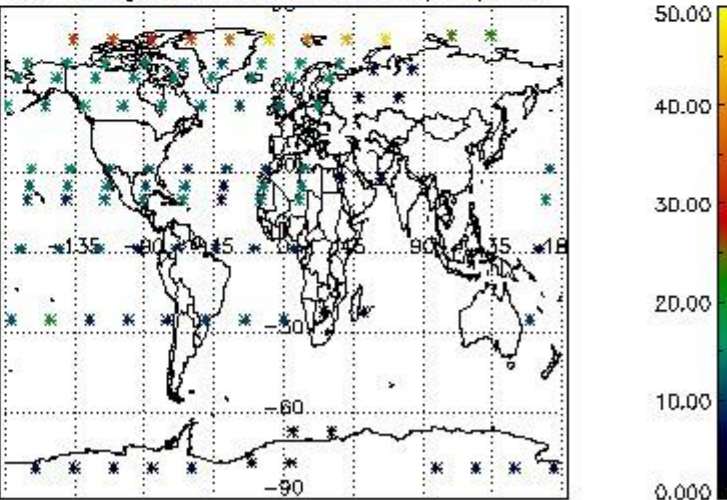
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

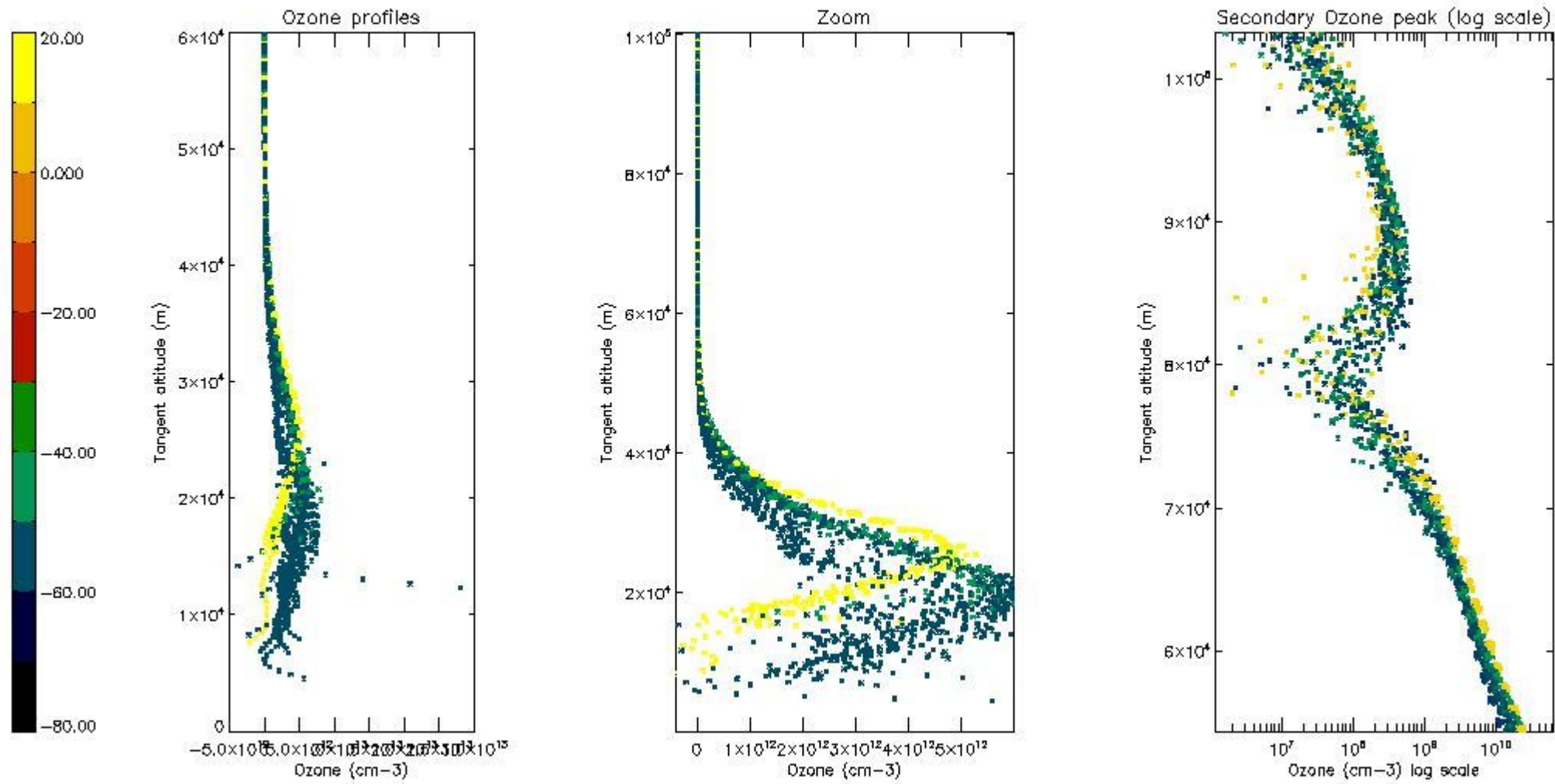
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	16

STD < 10	14
STD < 5	11

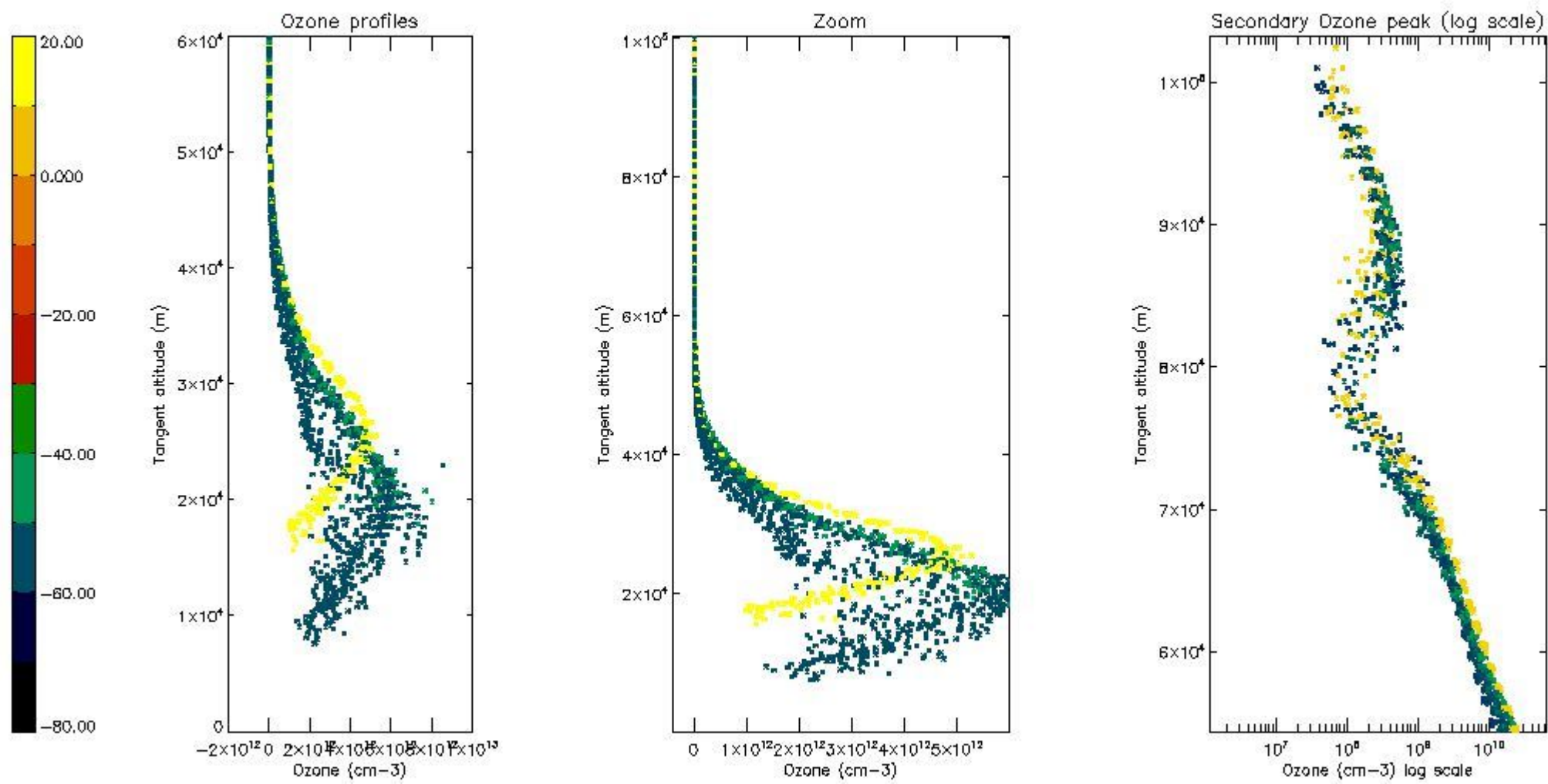
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



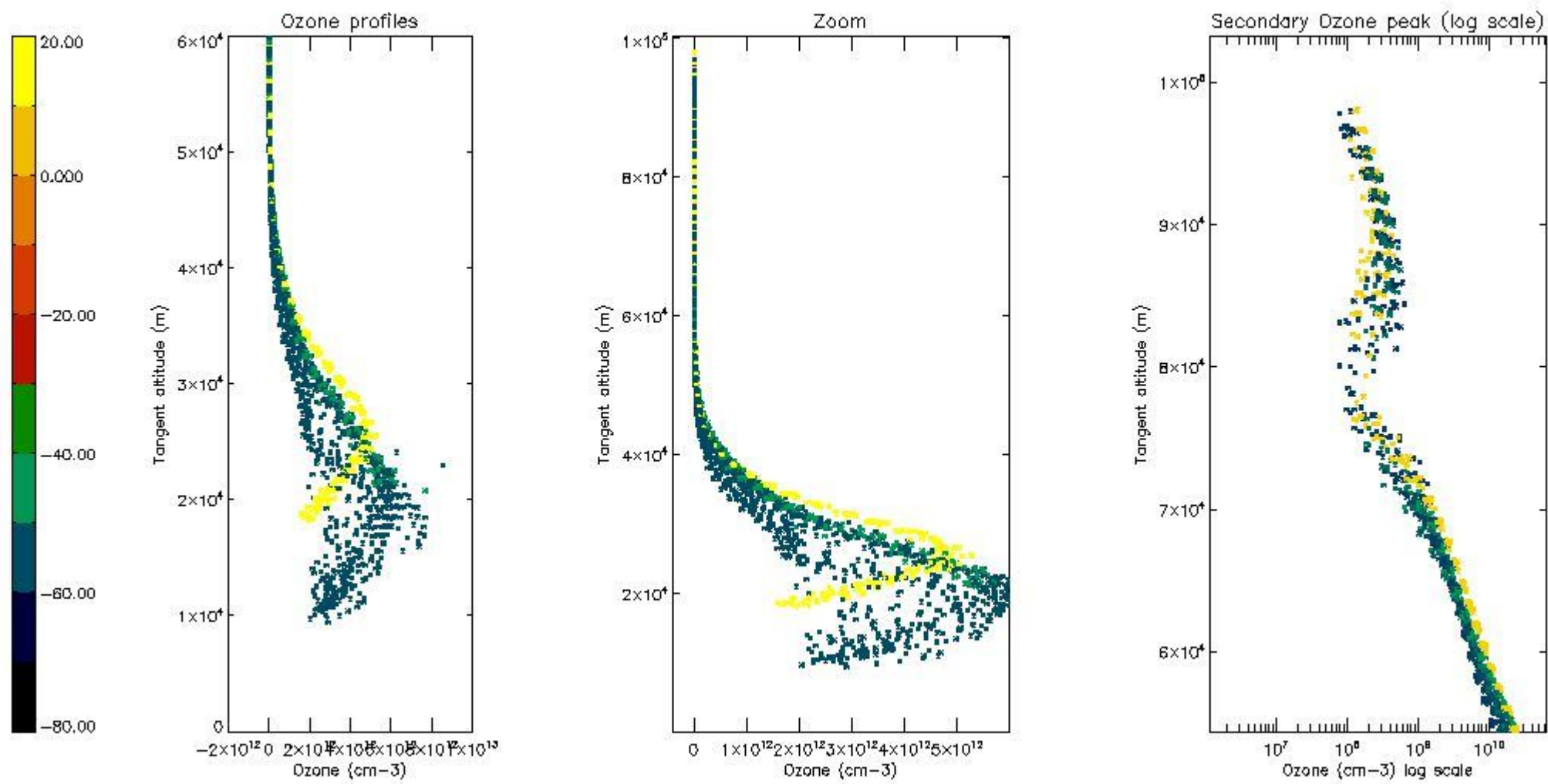
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



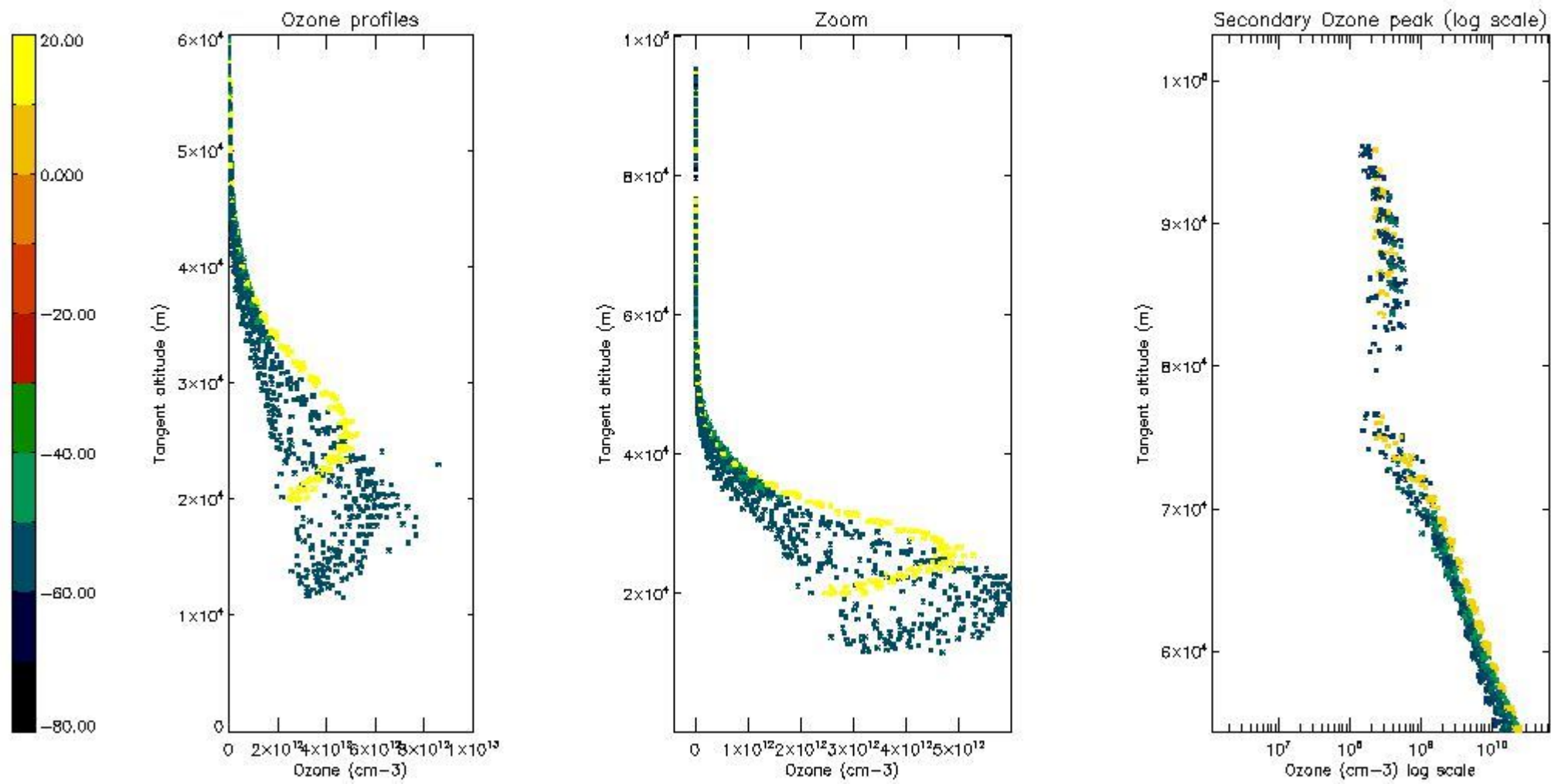
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



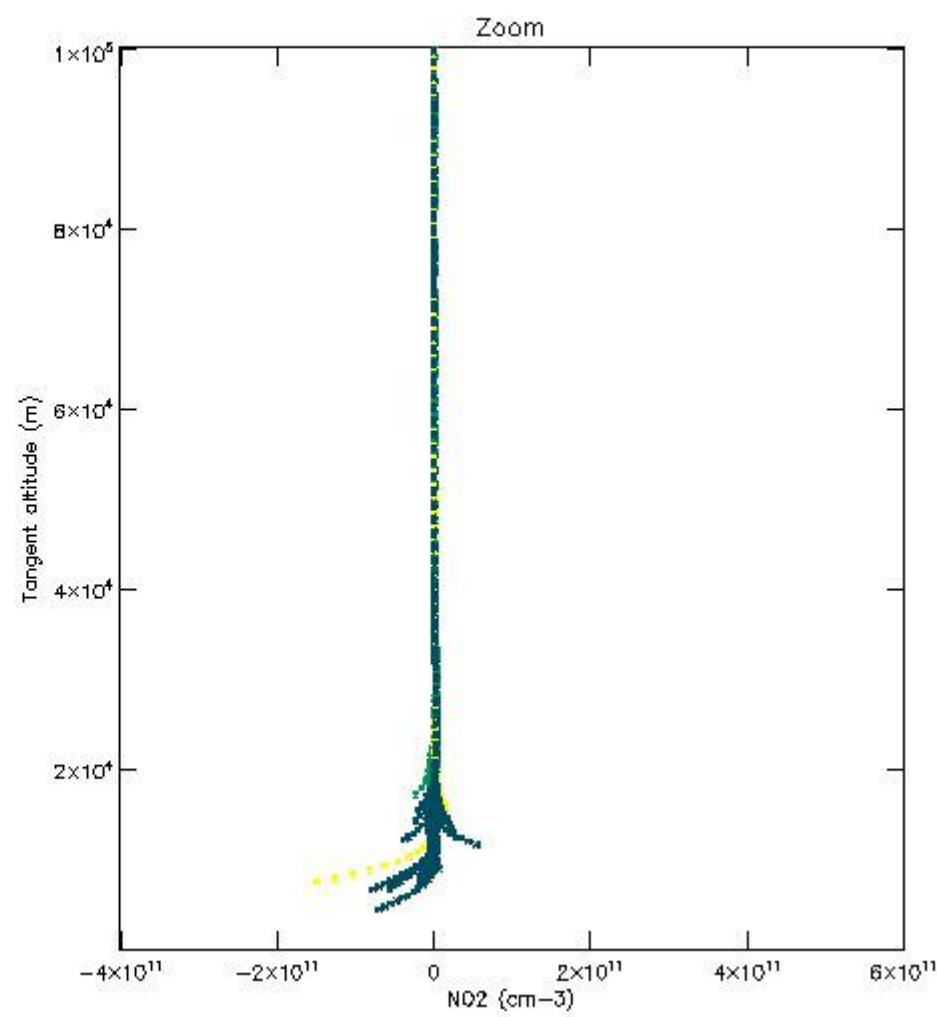
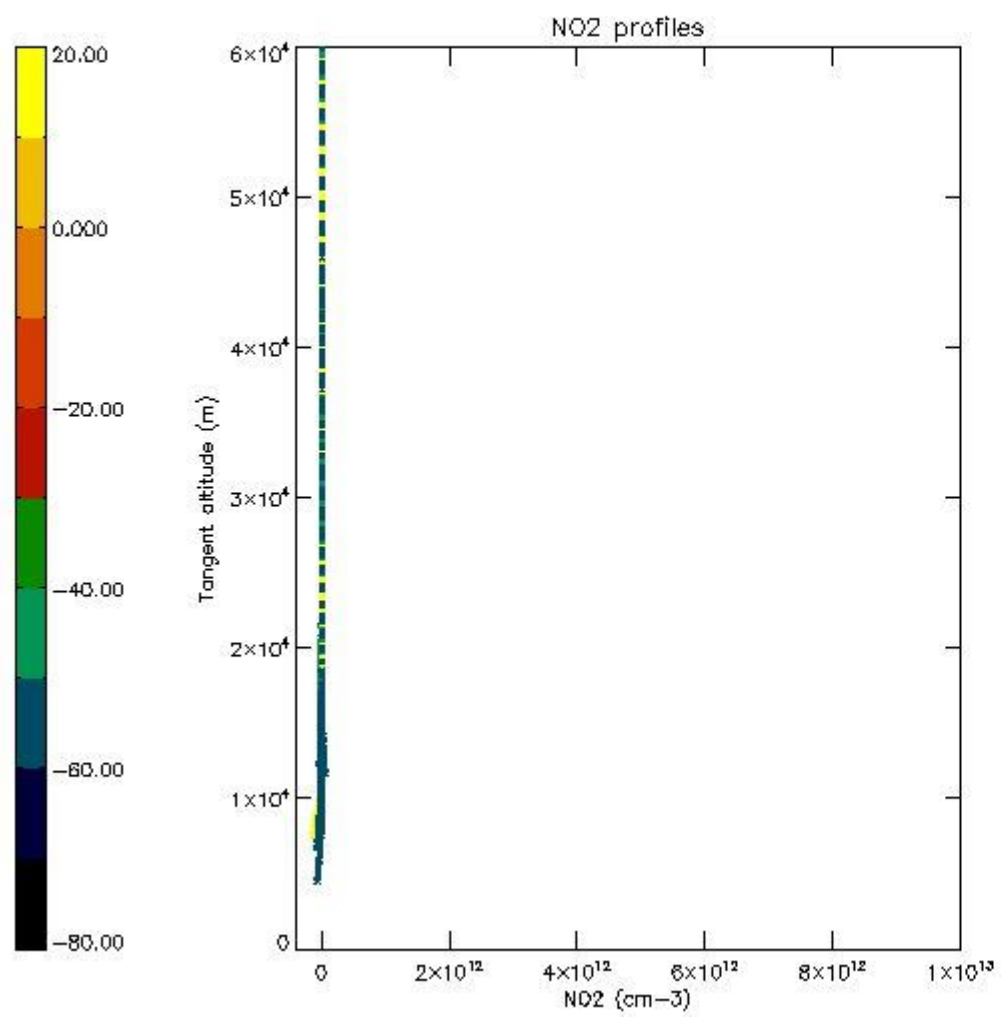
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



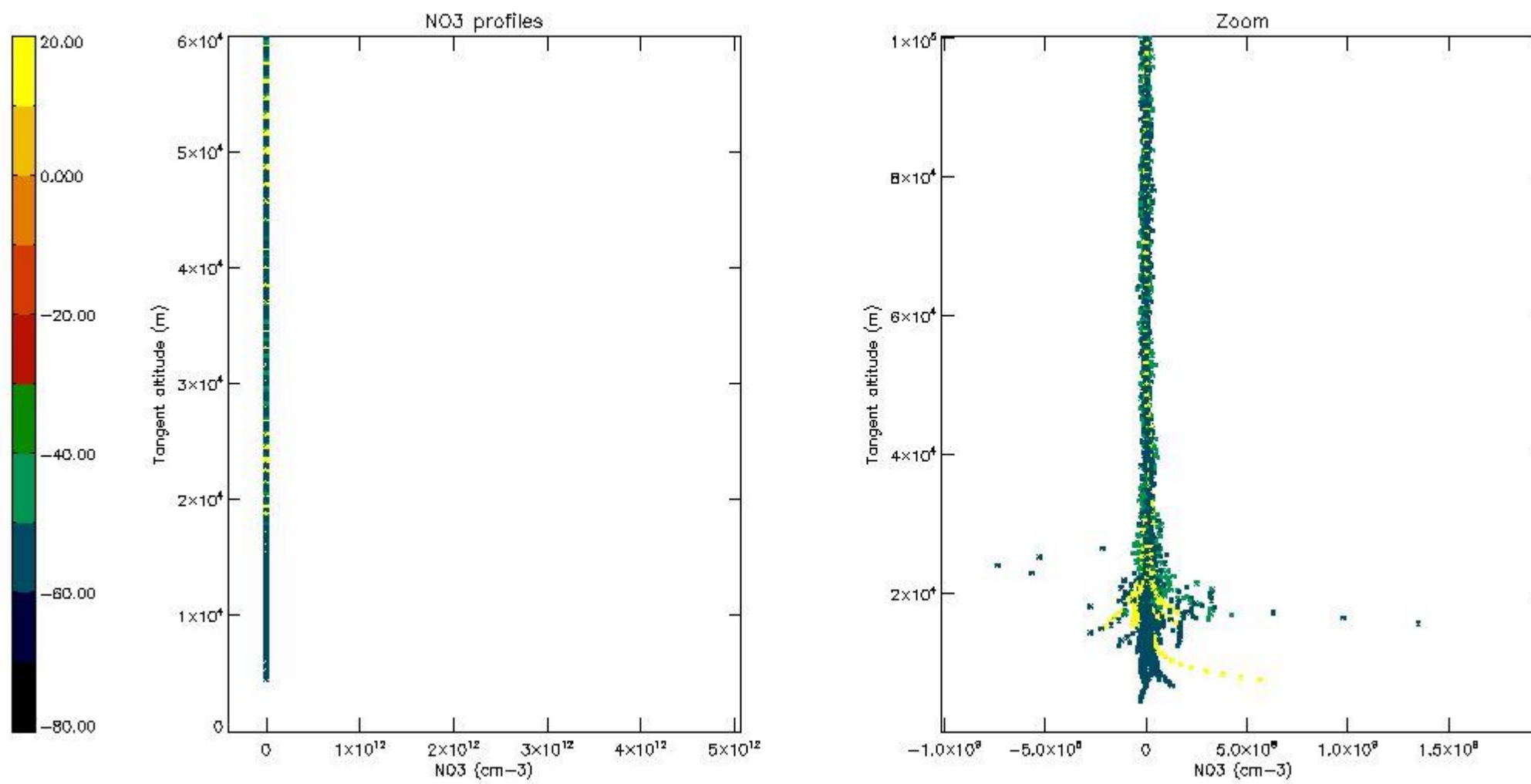
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



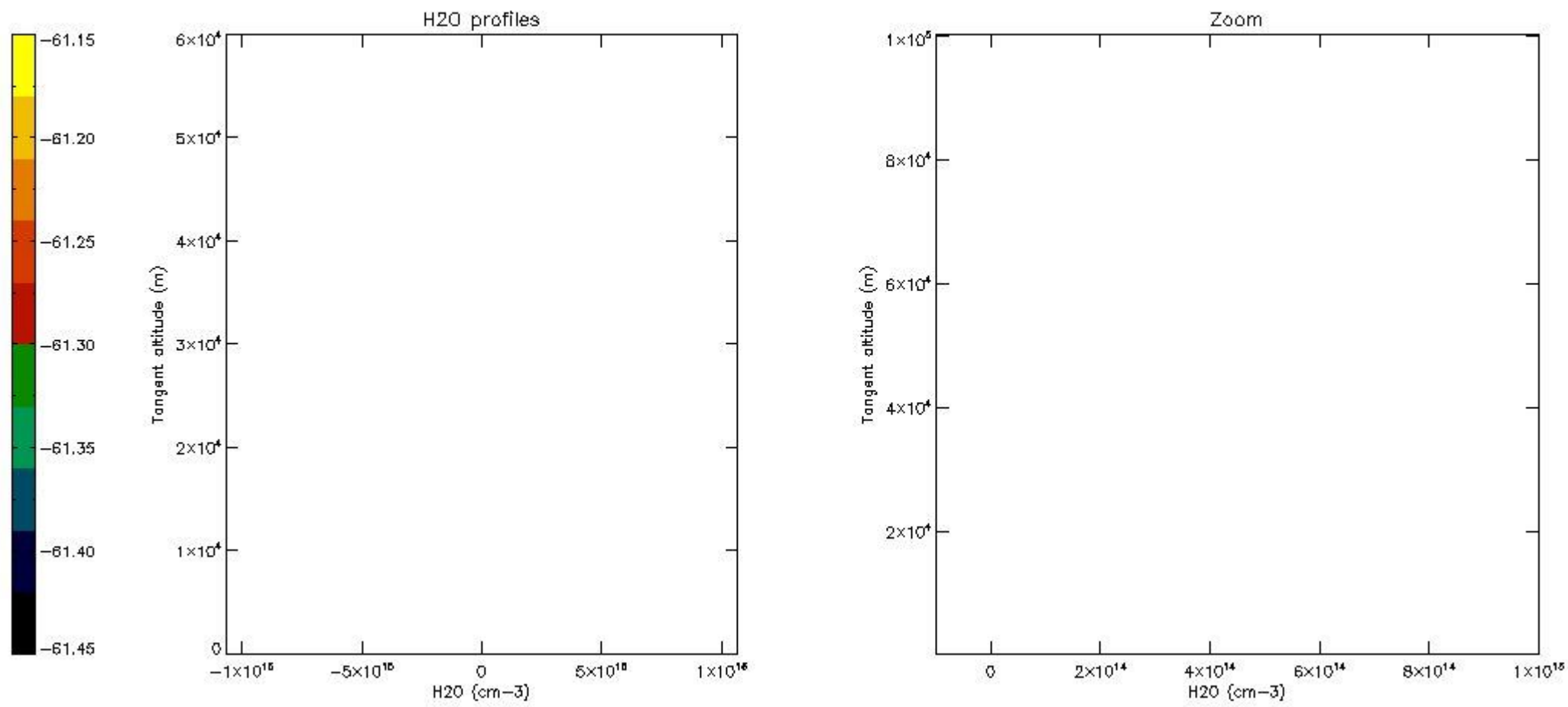
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

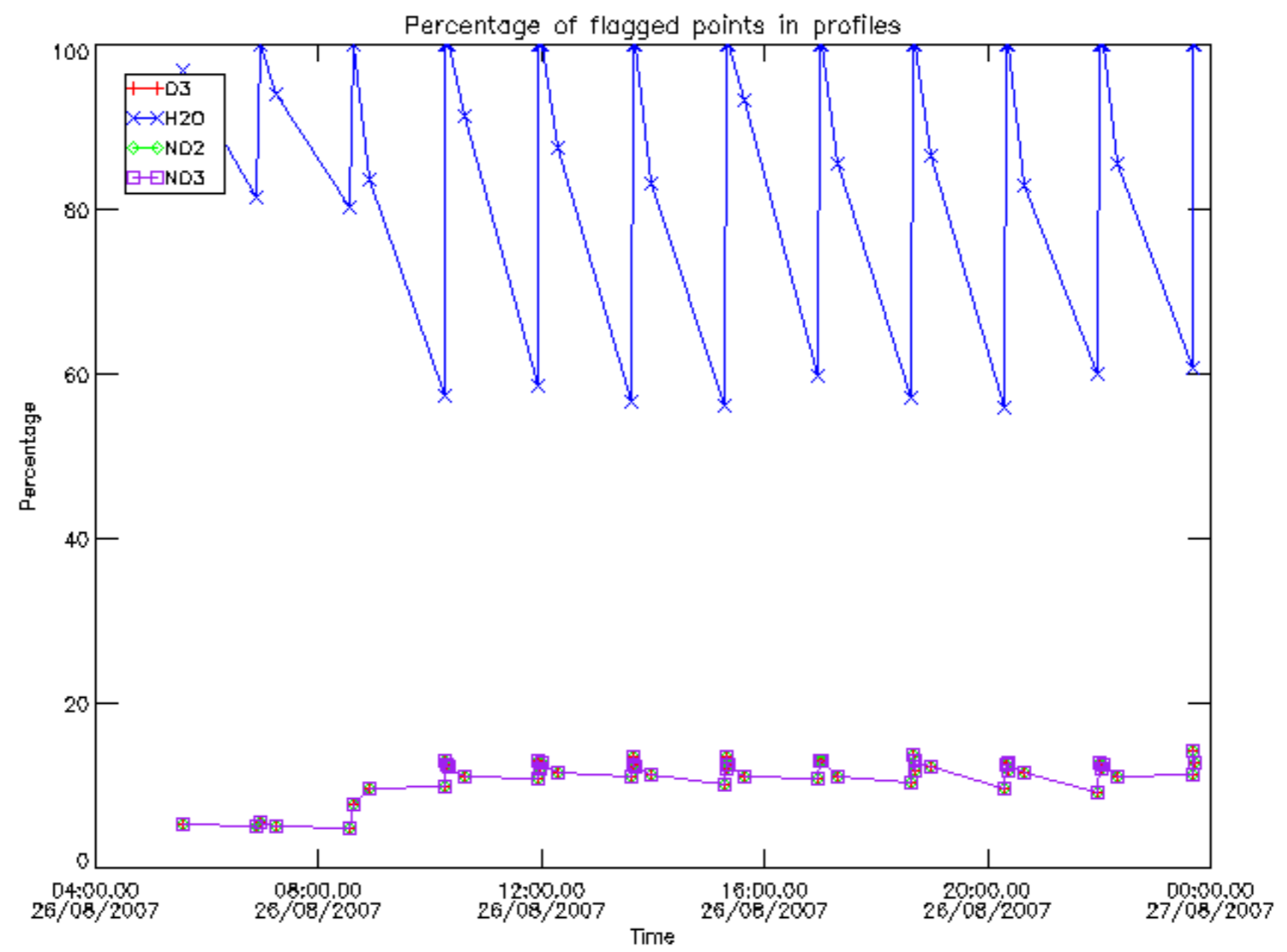
The colorbar represents the latitude.



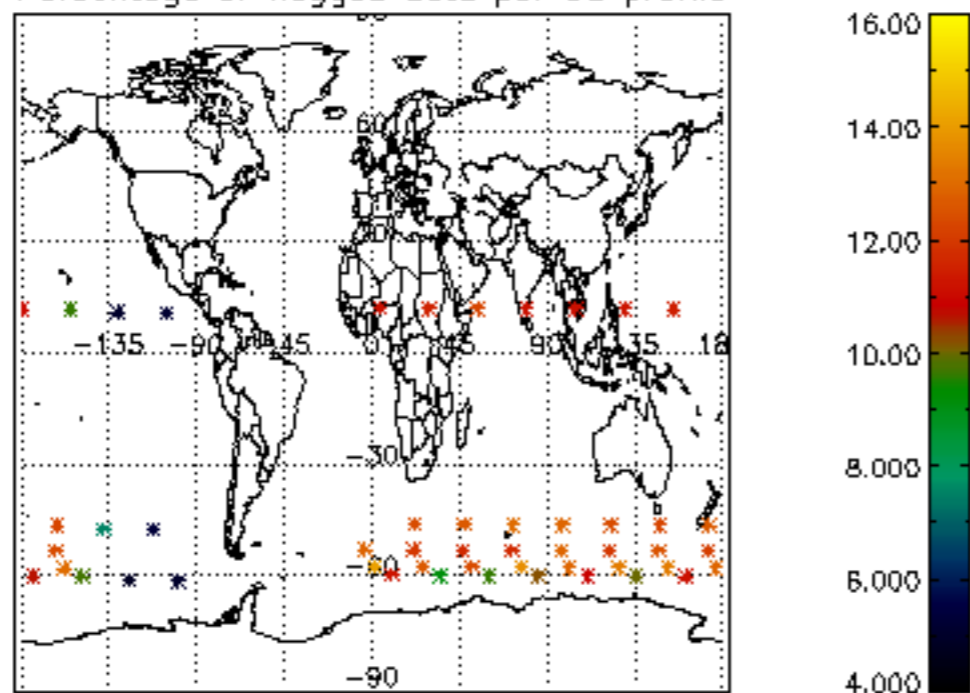
6. Auxiliary Data Files used for the production reported in section 2

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.

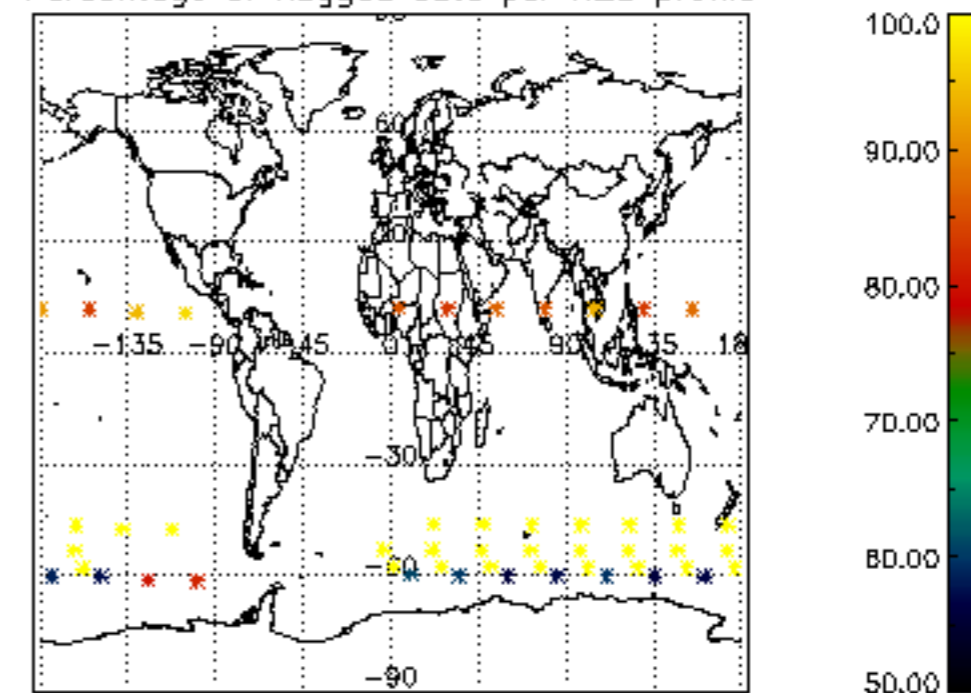
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-AUG-2007 05:33:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	26-AUG-2007 05:33:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	26-AUG-2007 05:33:20



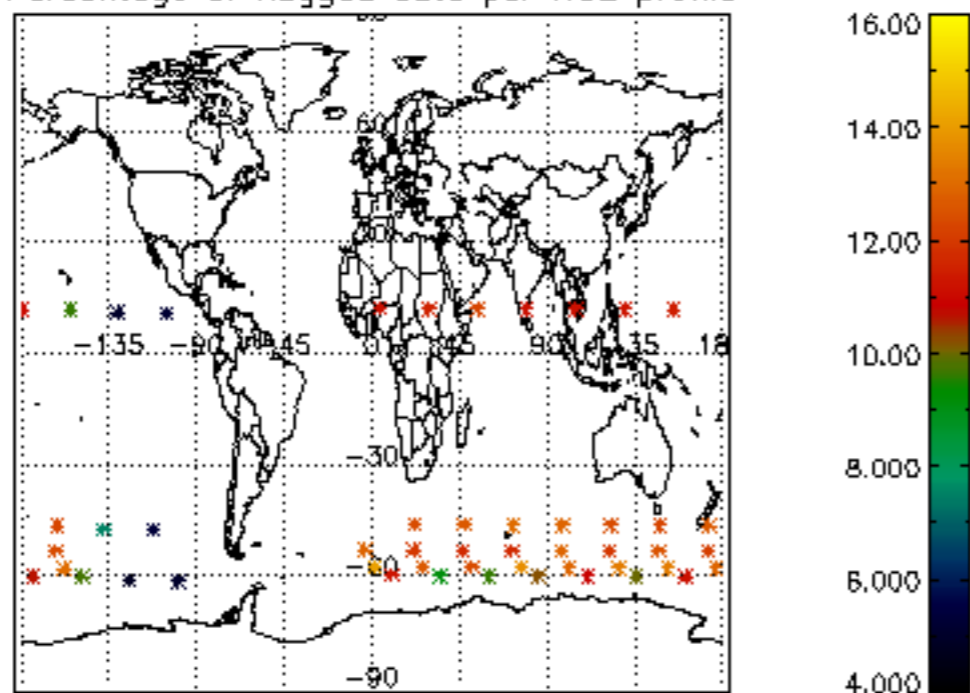
Percentage of flagged data per D3 profile



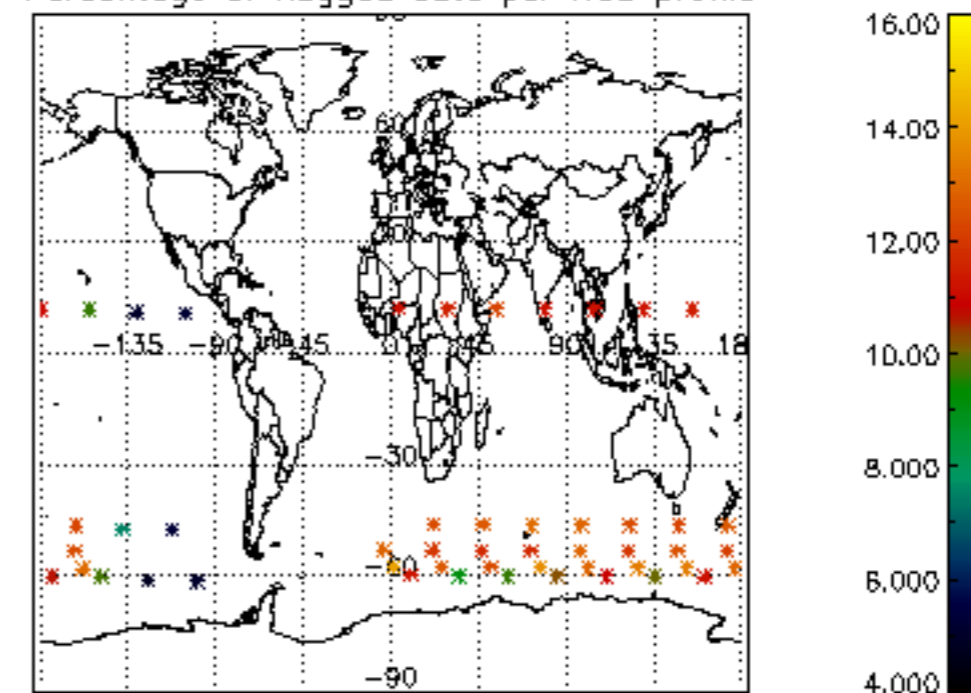
Percentage of flagged data per H2O profile

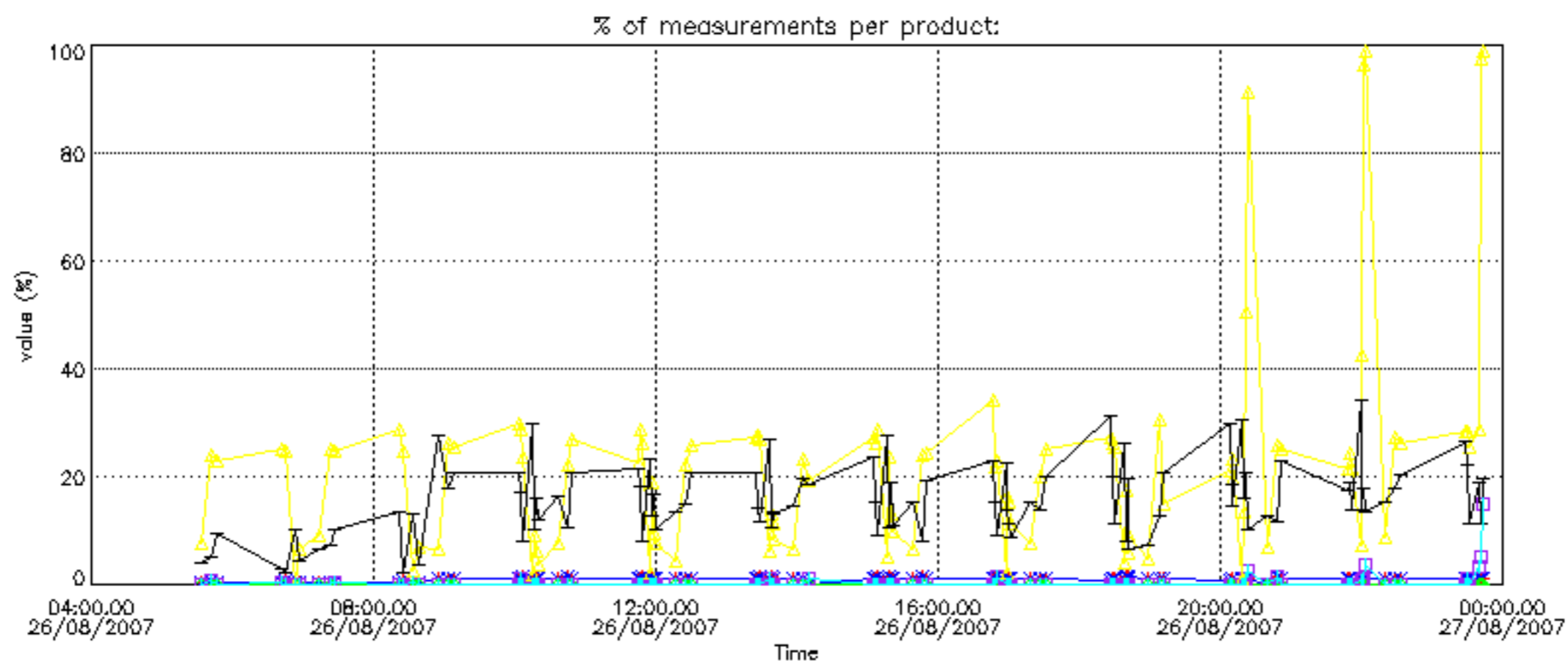
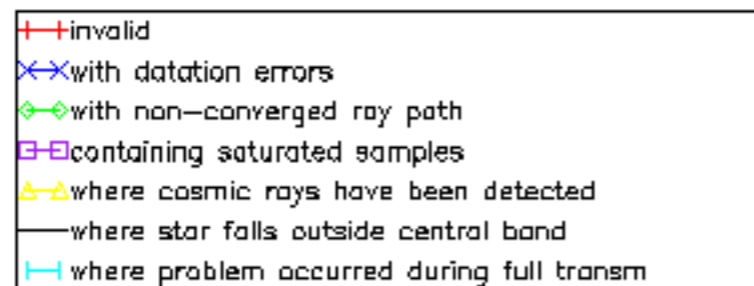


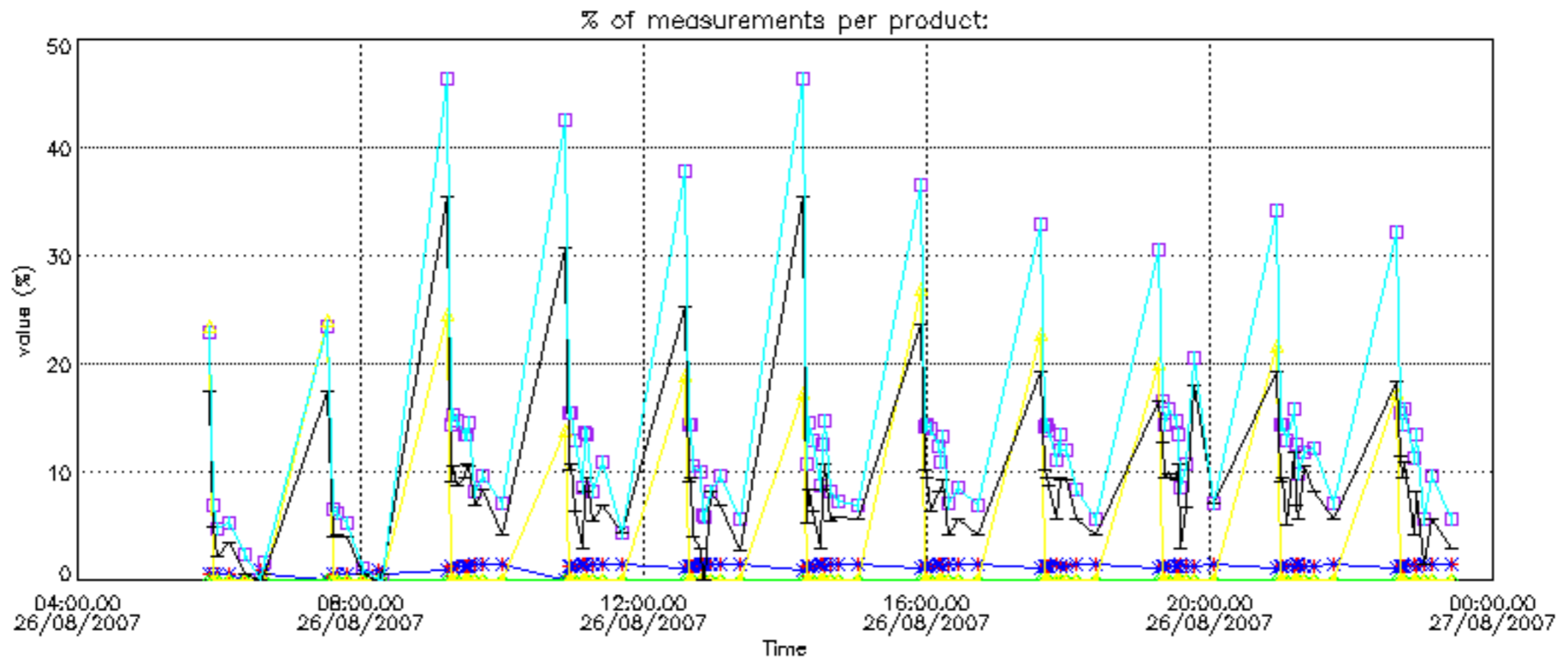
Percentage of flagged data per NO2 profile



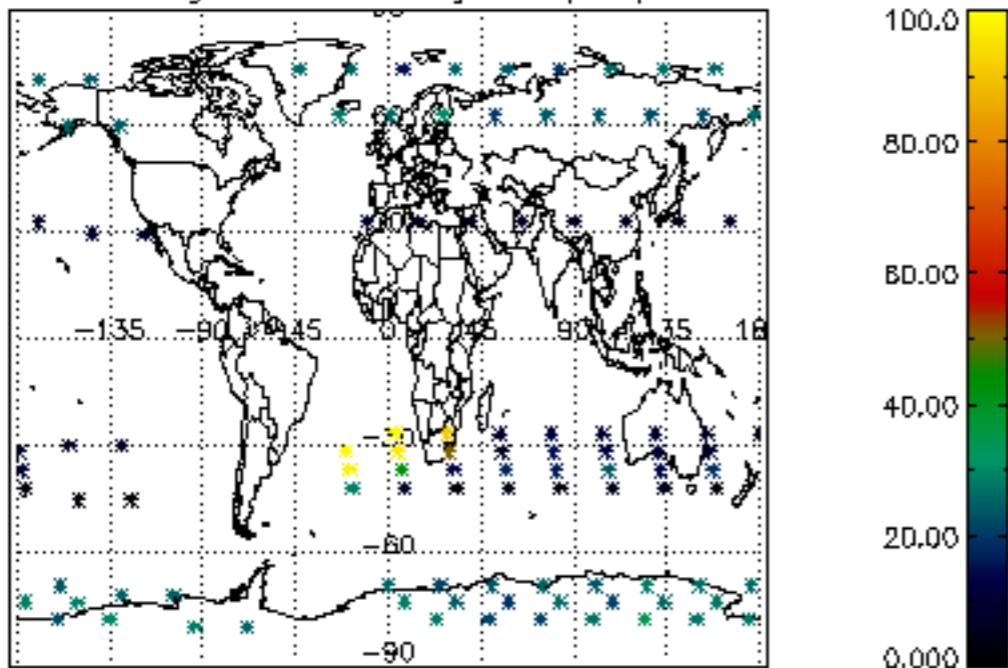
Percentage of flagged data per NO3 profile



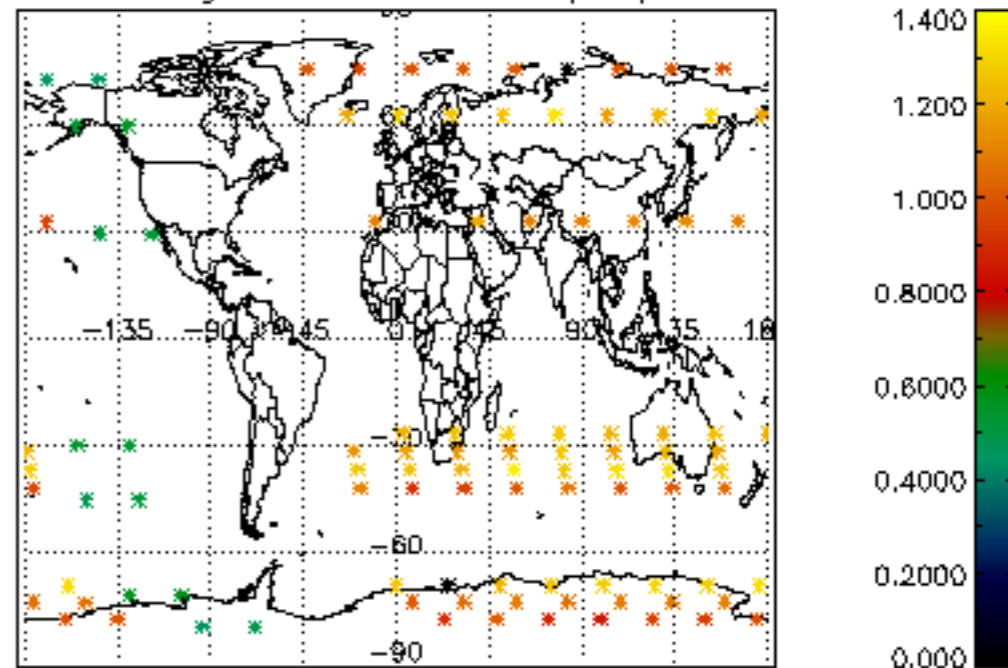




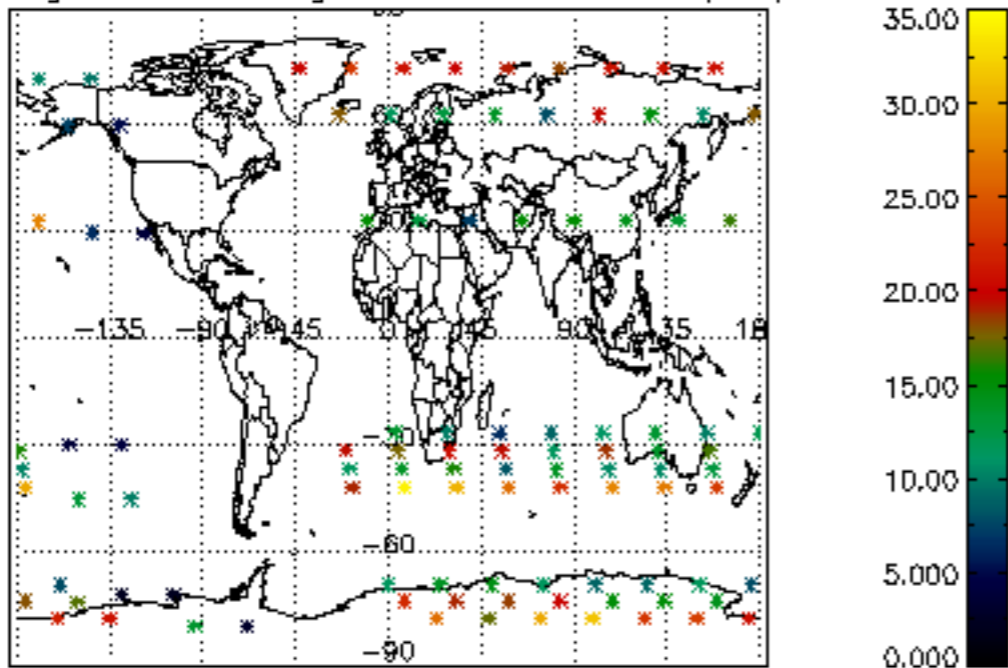
Percentage of cosmic ray hits per profile



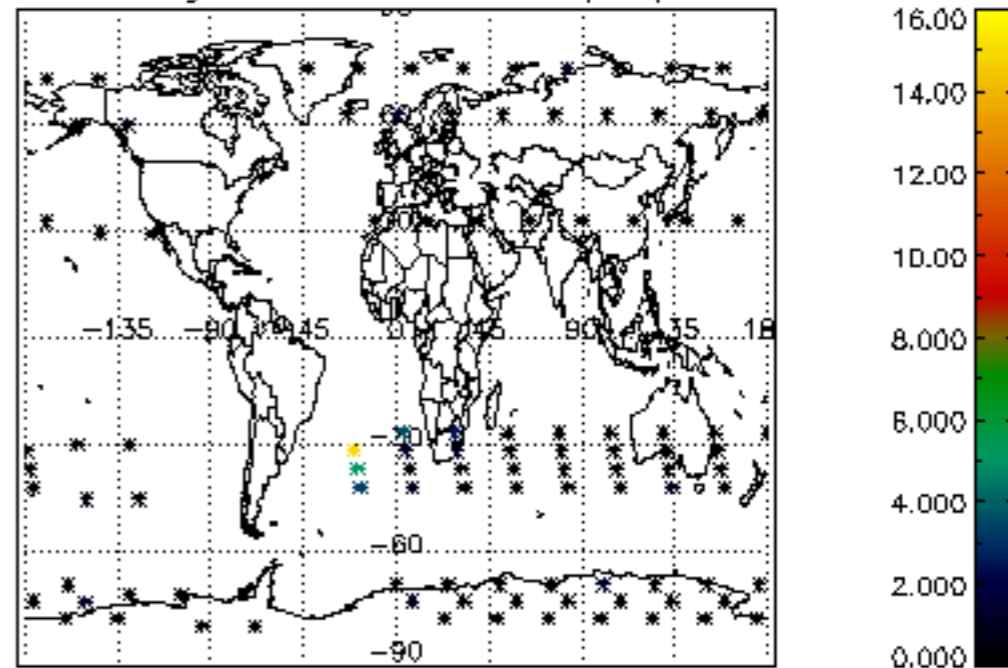
Percentage of datation errors per profile



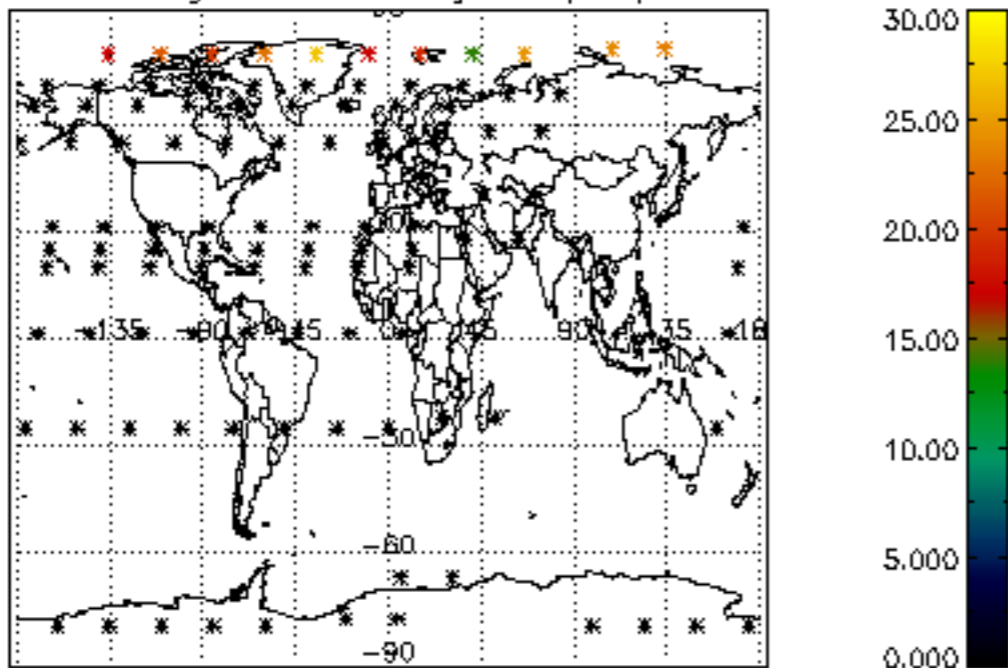
Percentage of star falling outside central band per profile



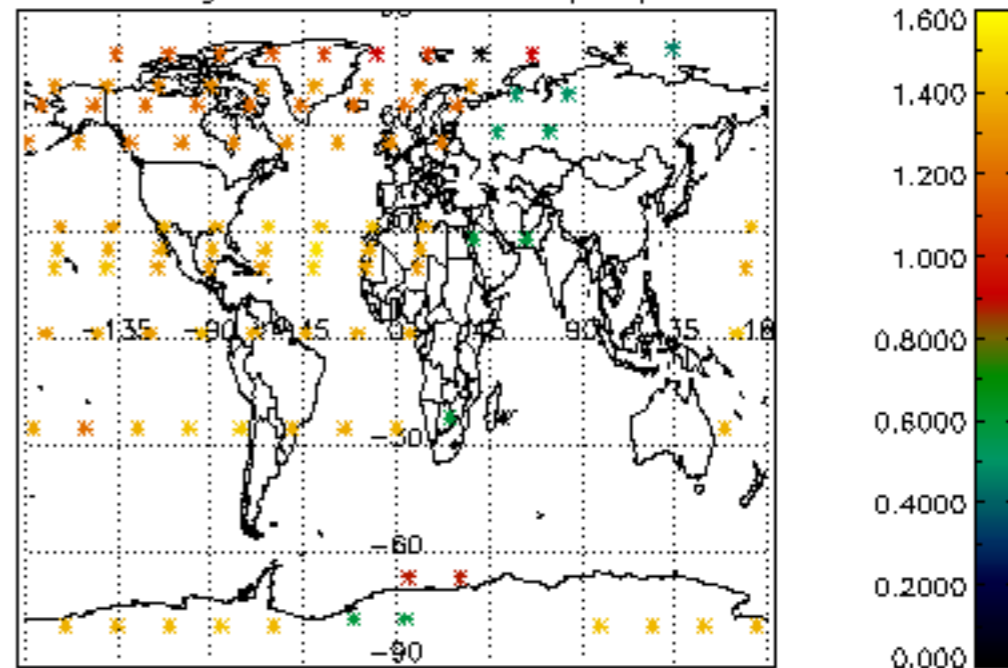
Percentage of saturation errors per profile



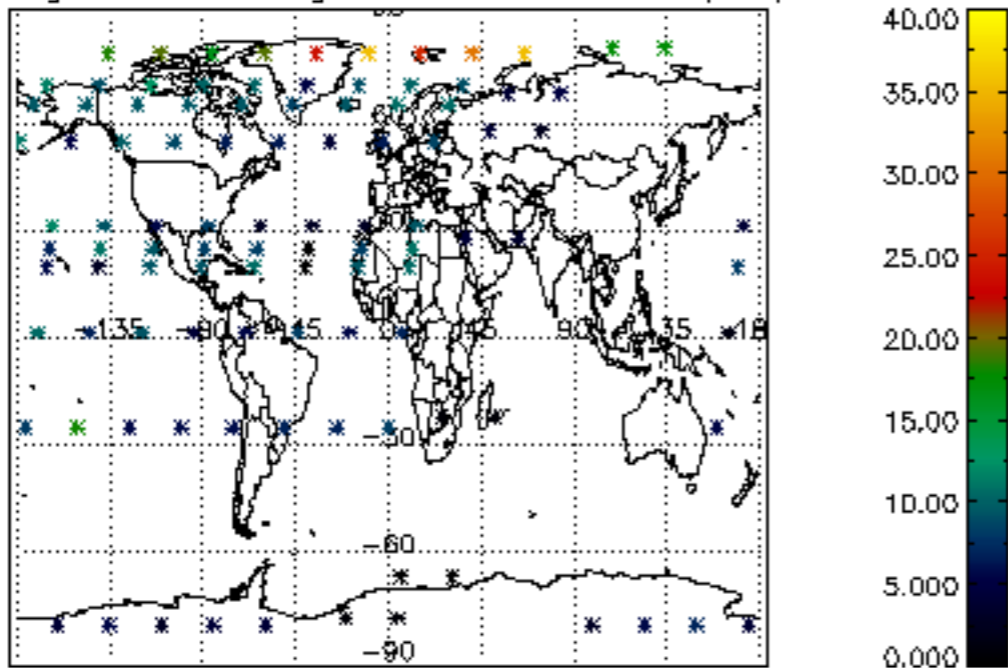
Percentage of cosmic ray hits per profile



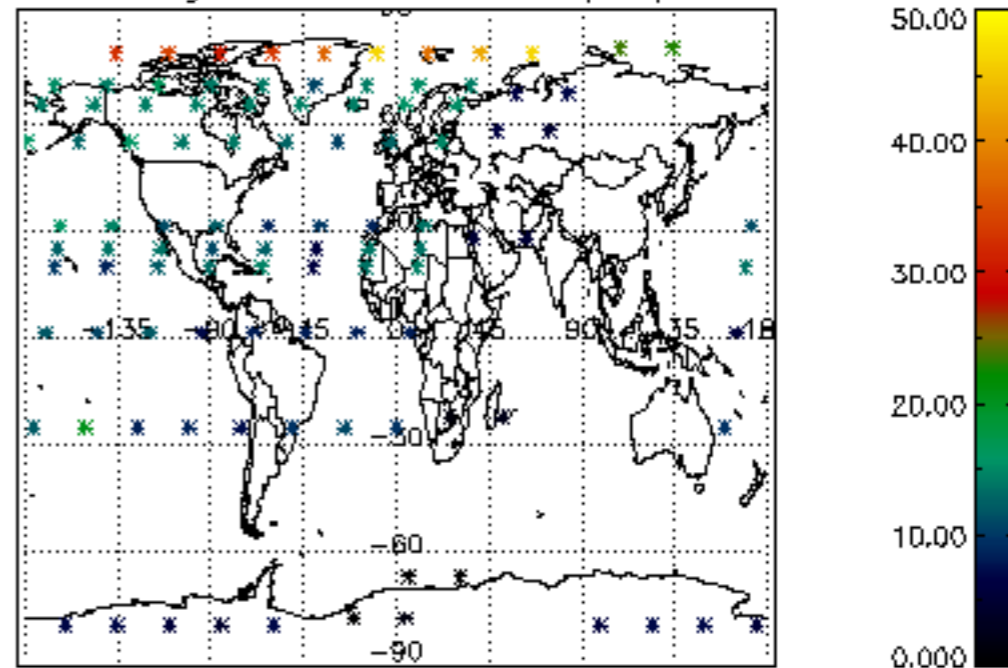
Percentage of datation errors per profile

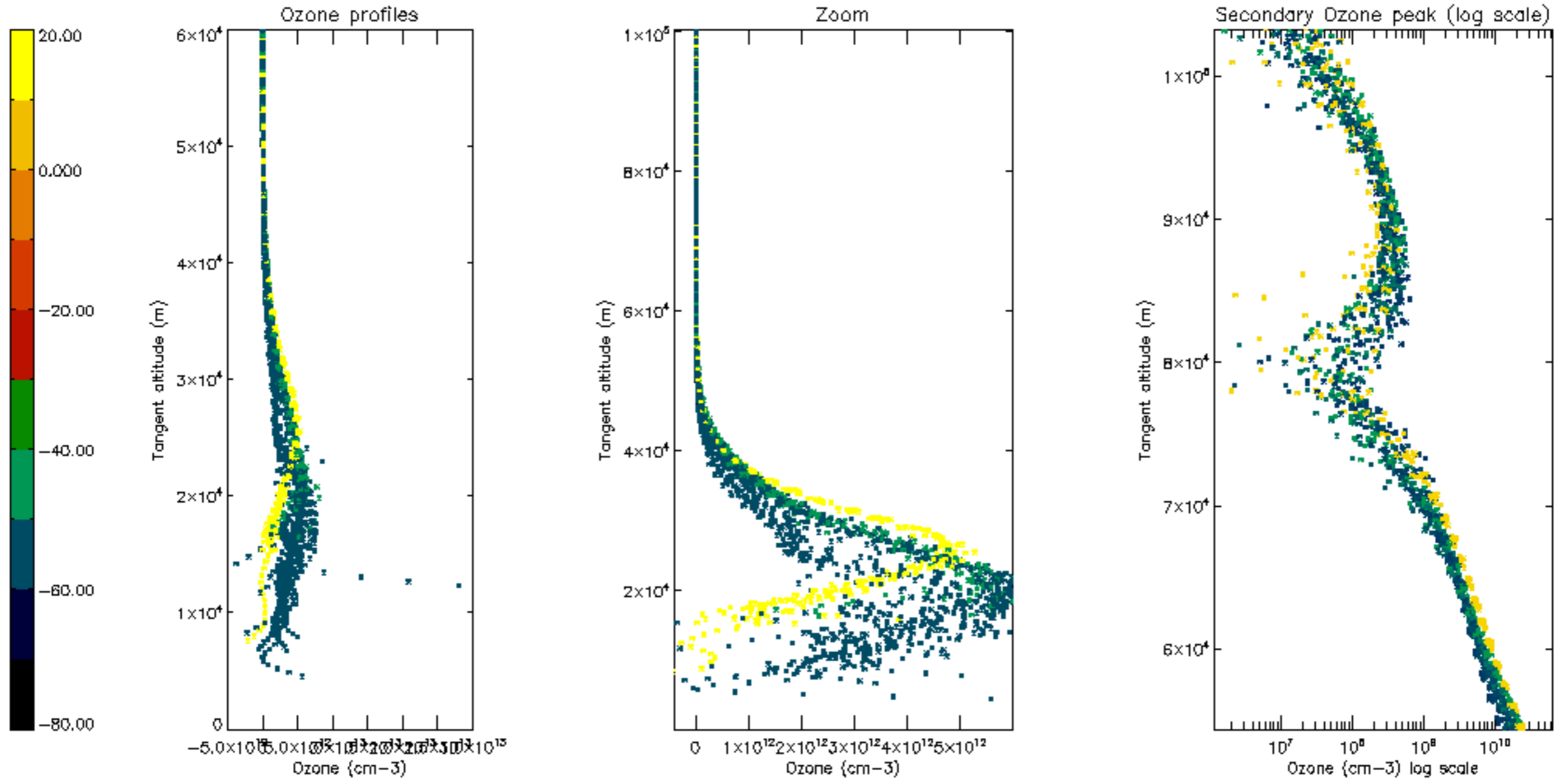


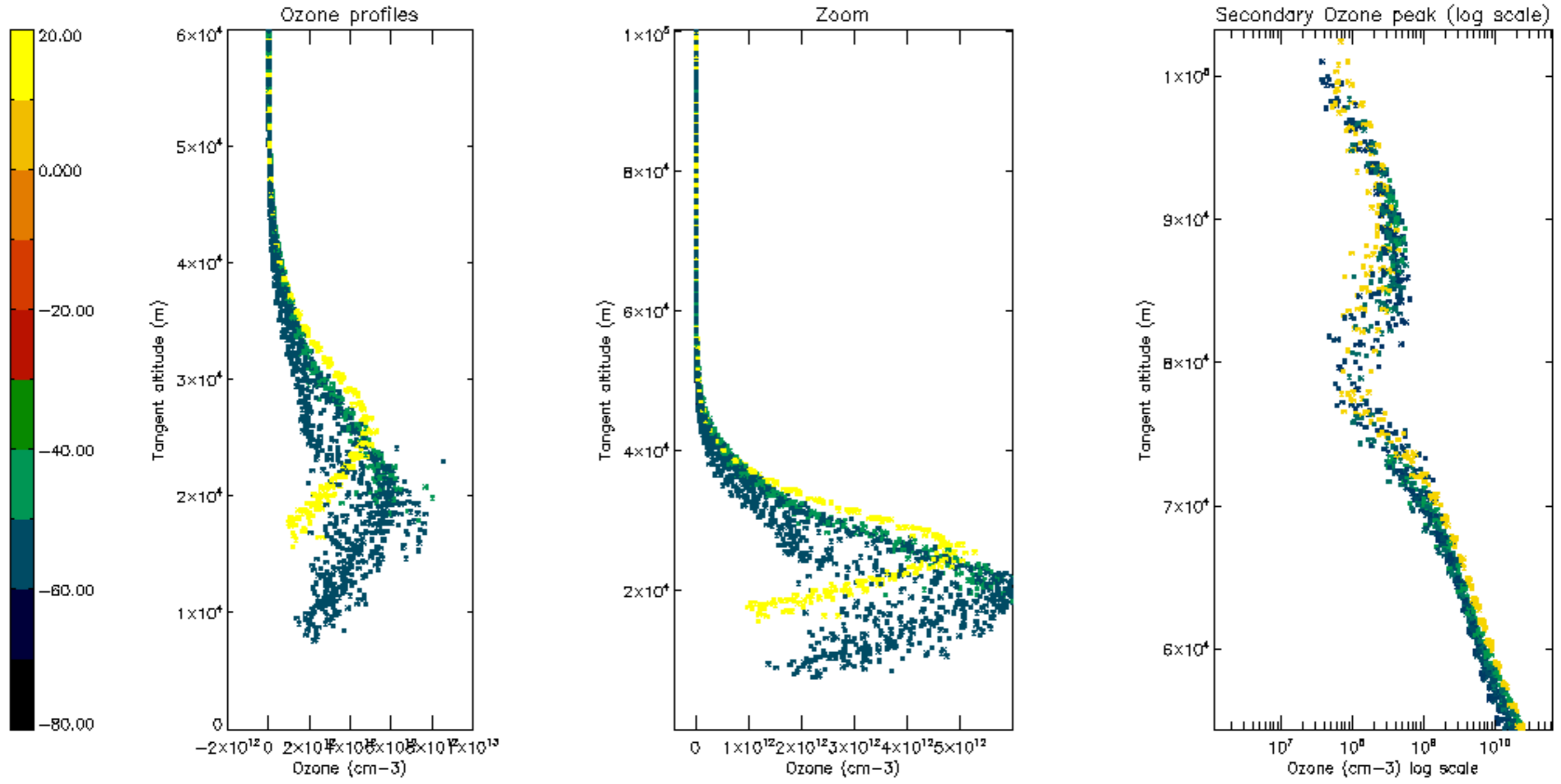
Percentage of star falling outside central band per profile

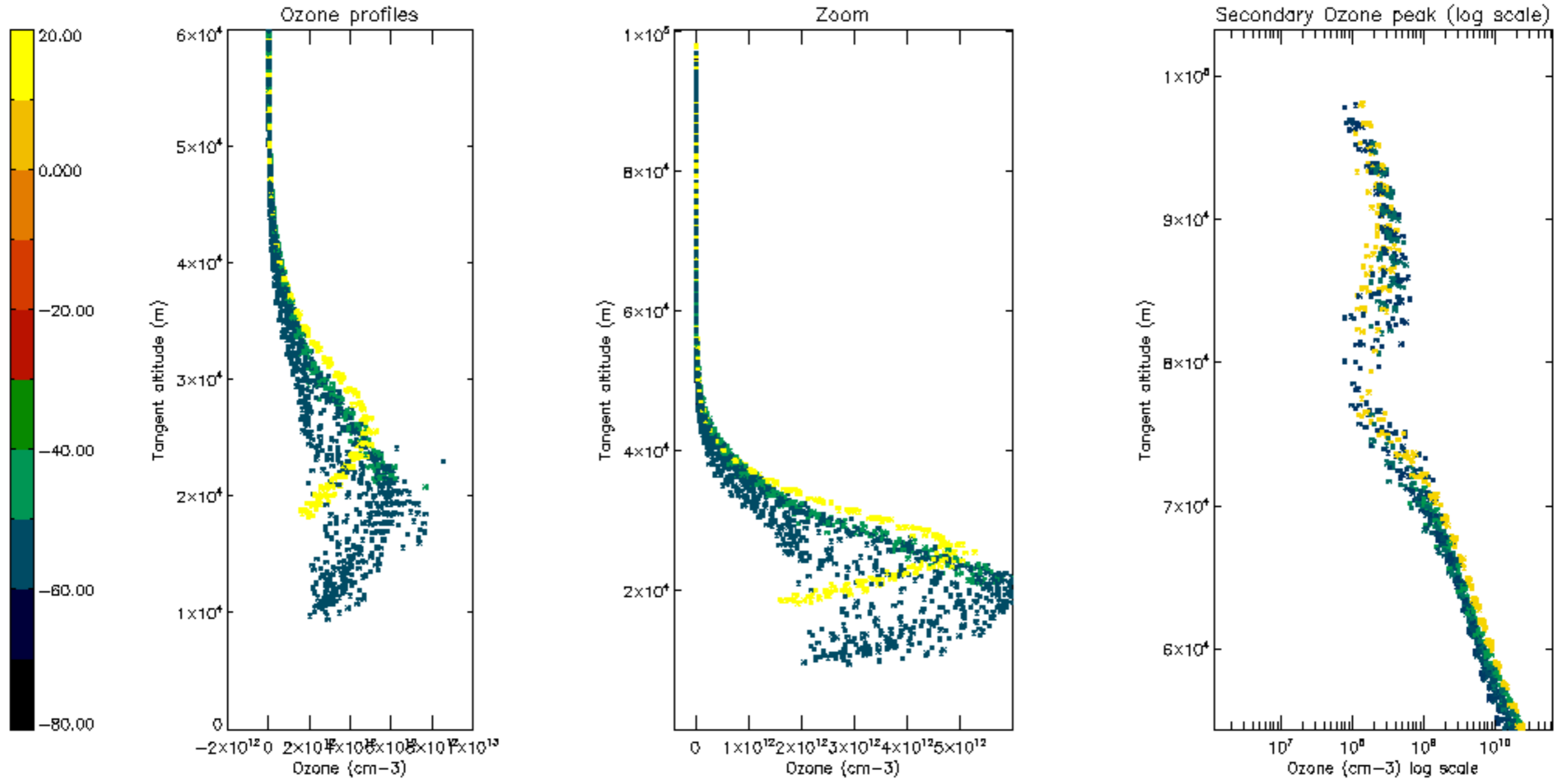


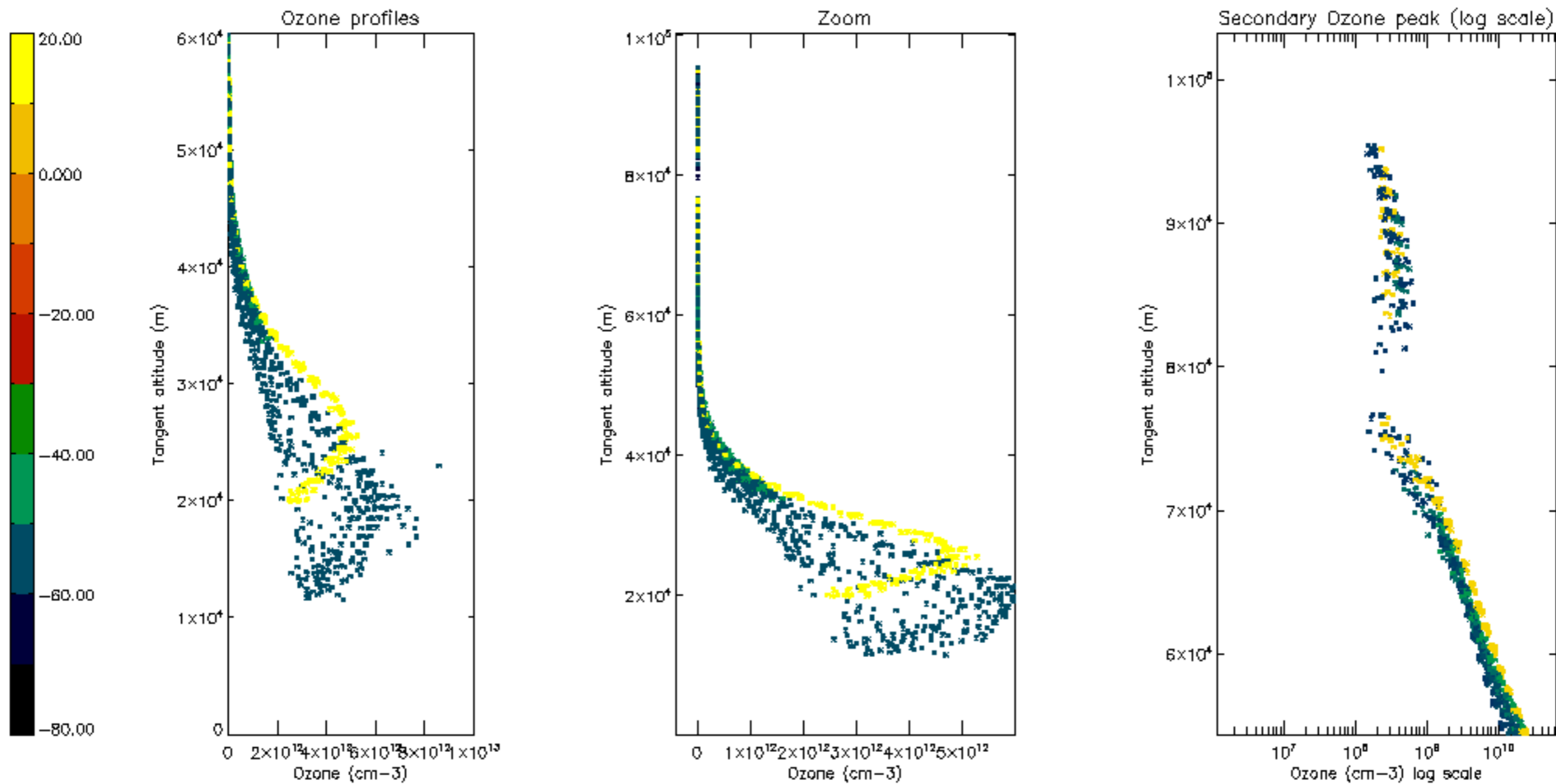
Percentage of saturation errors per profile

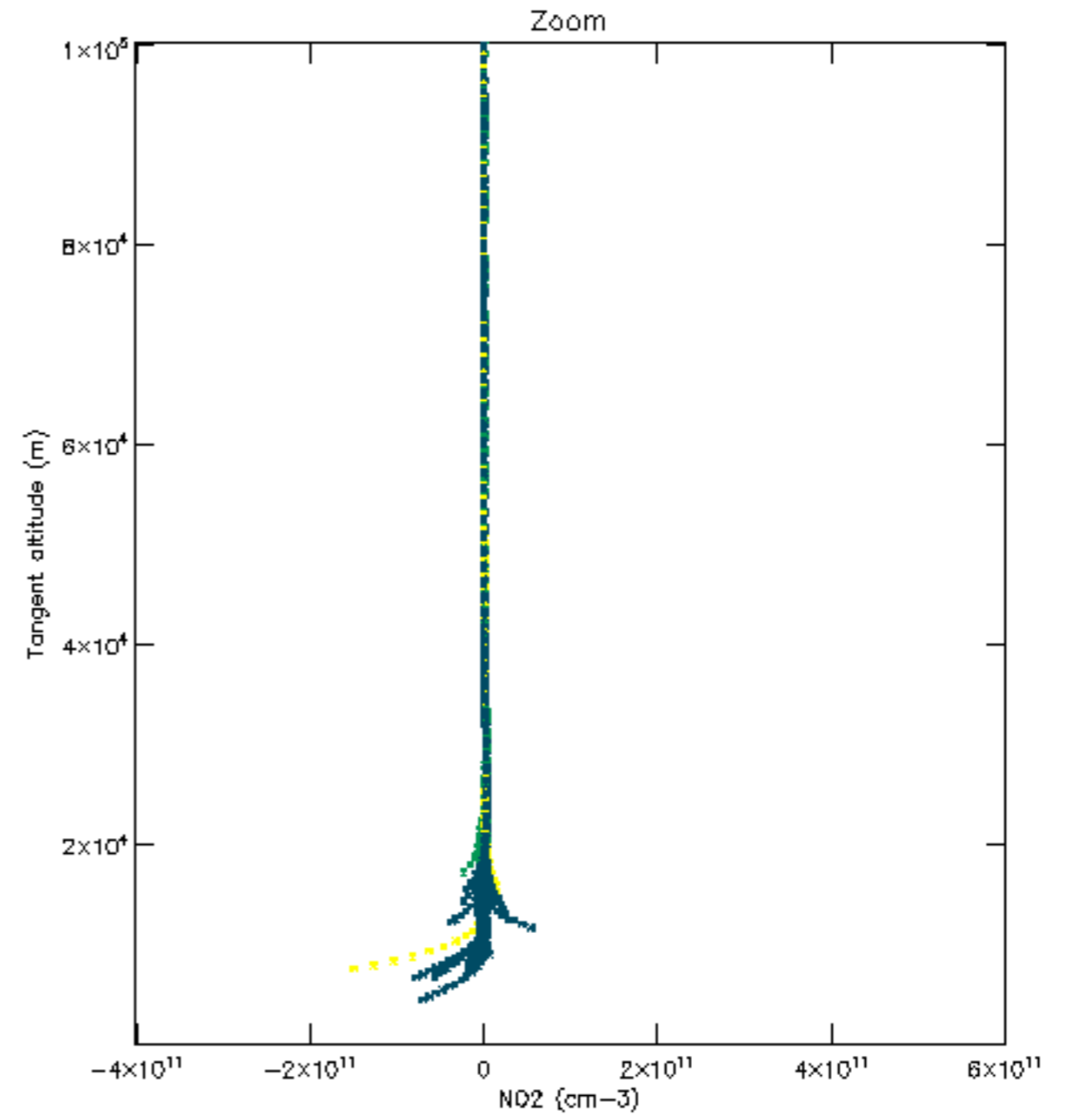
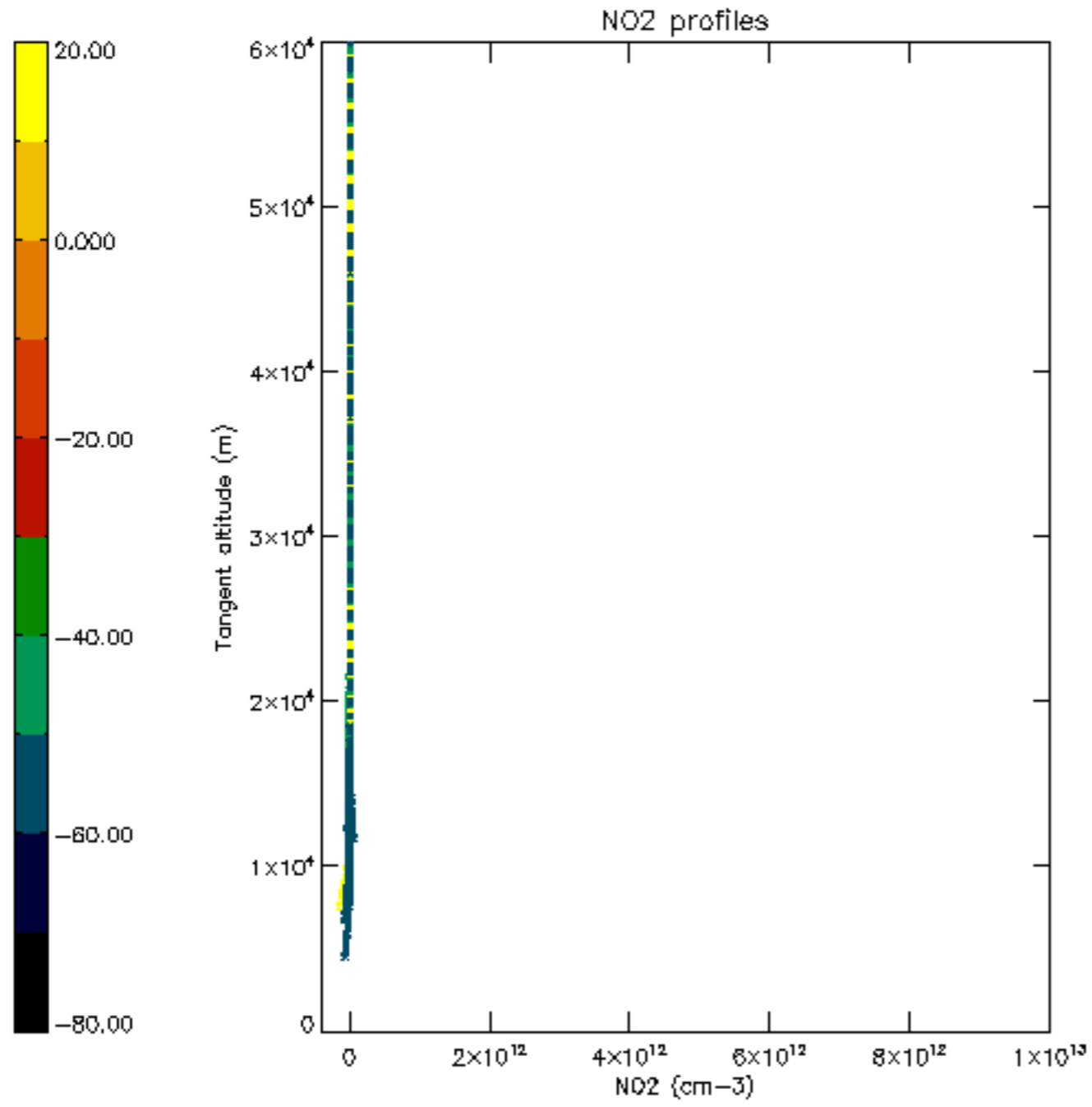


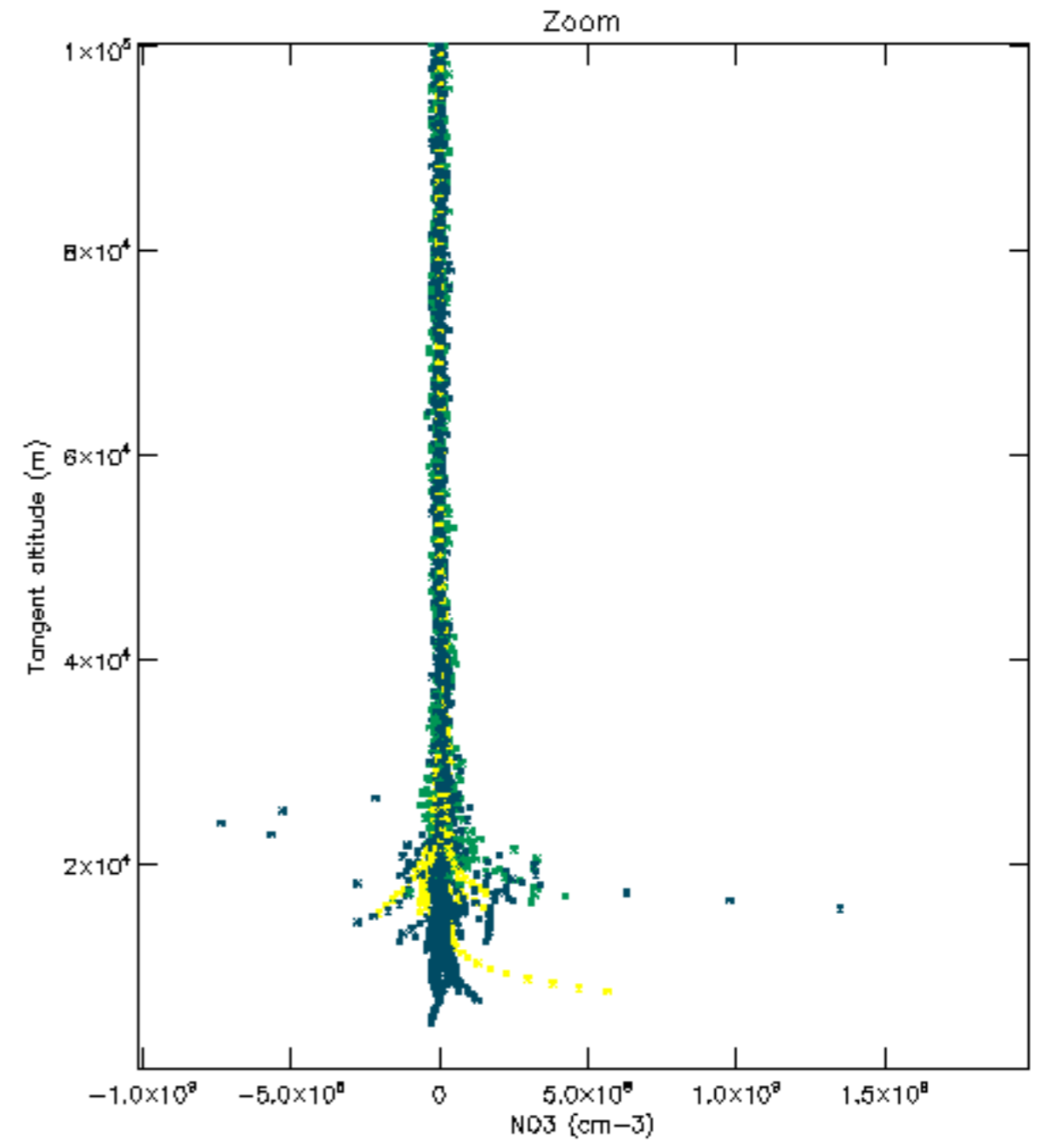
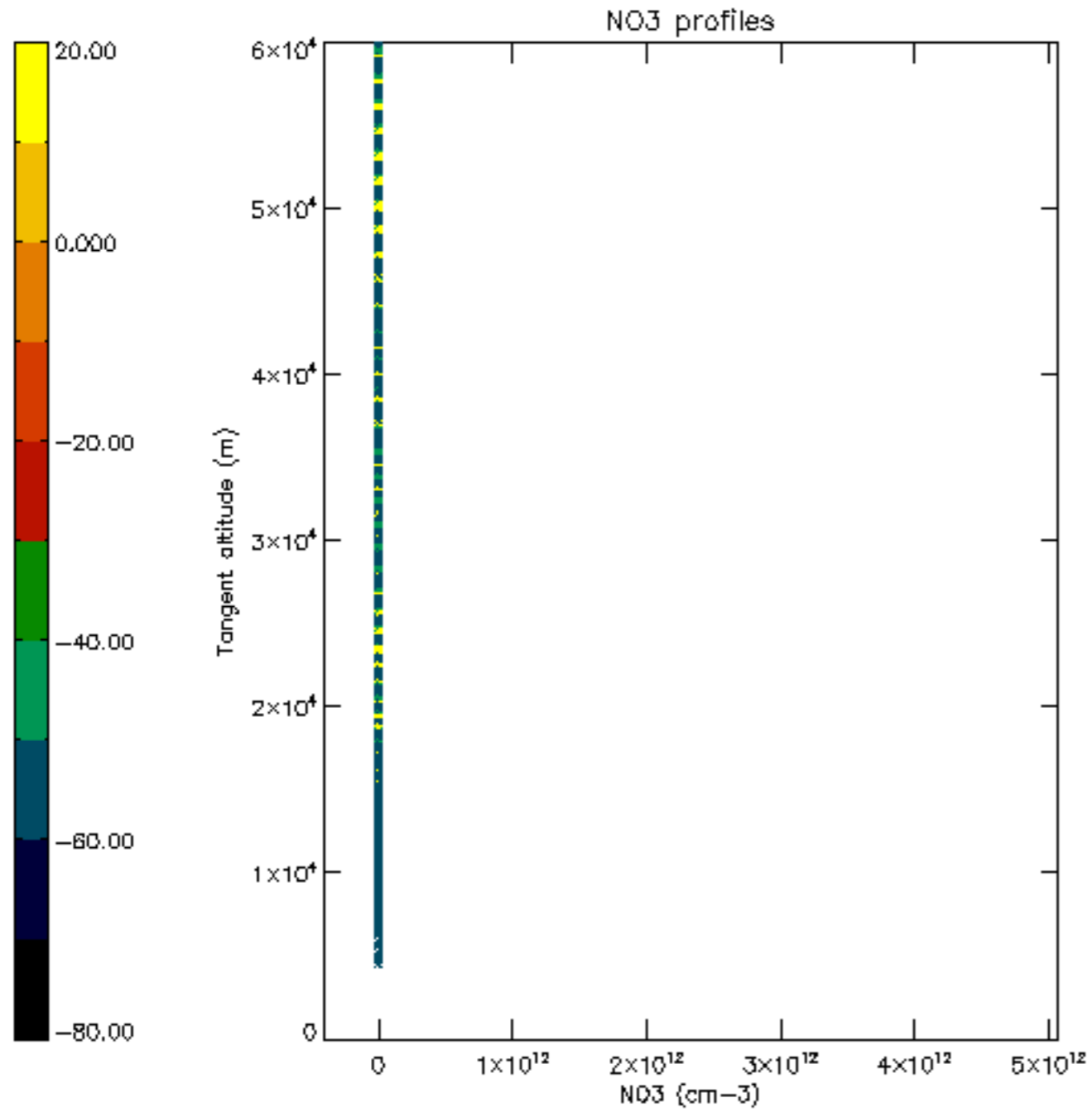


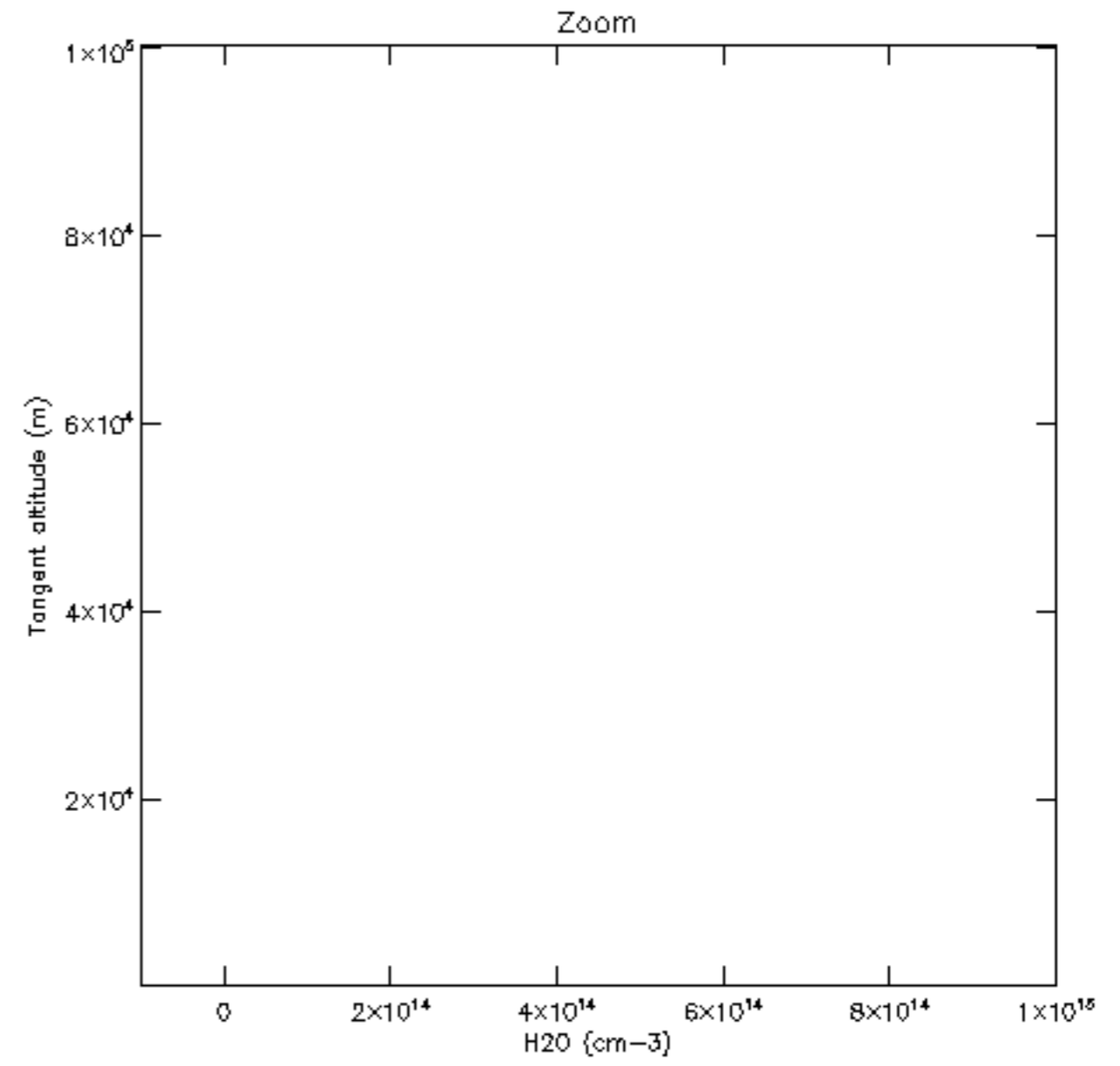
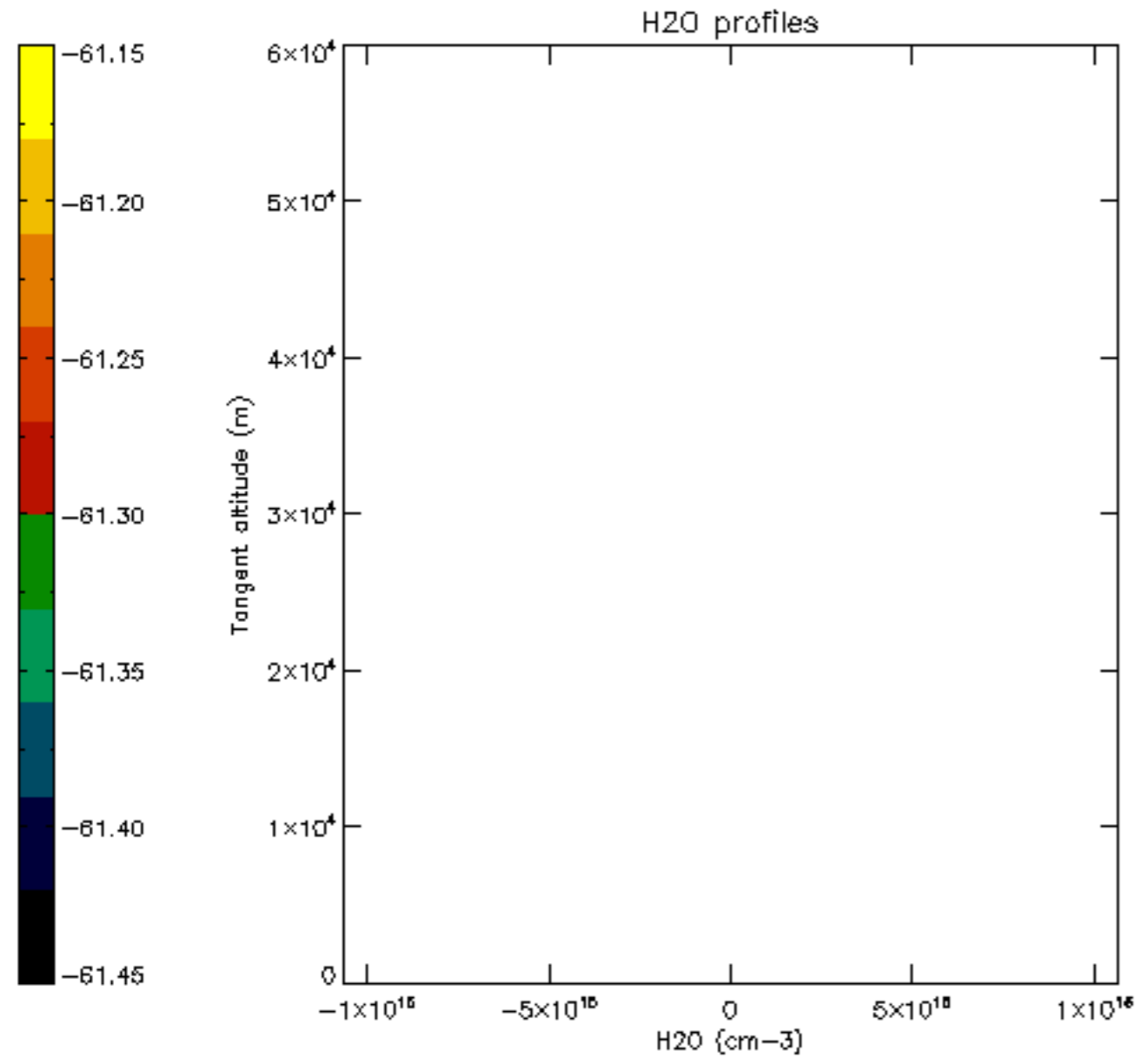


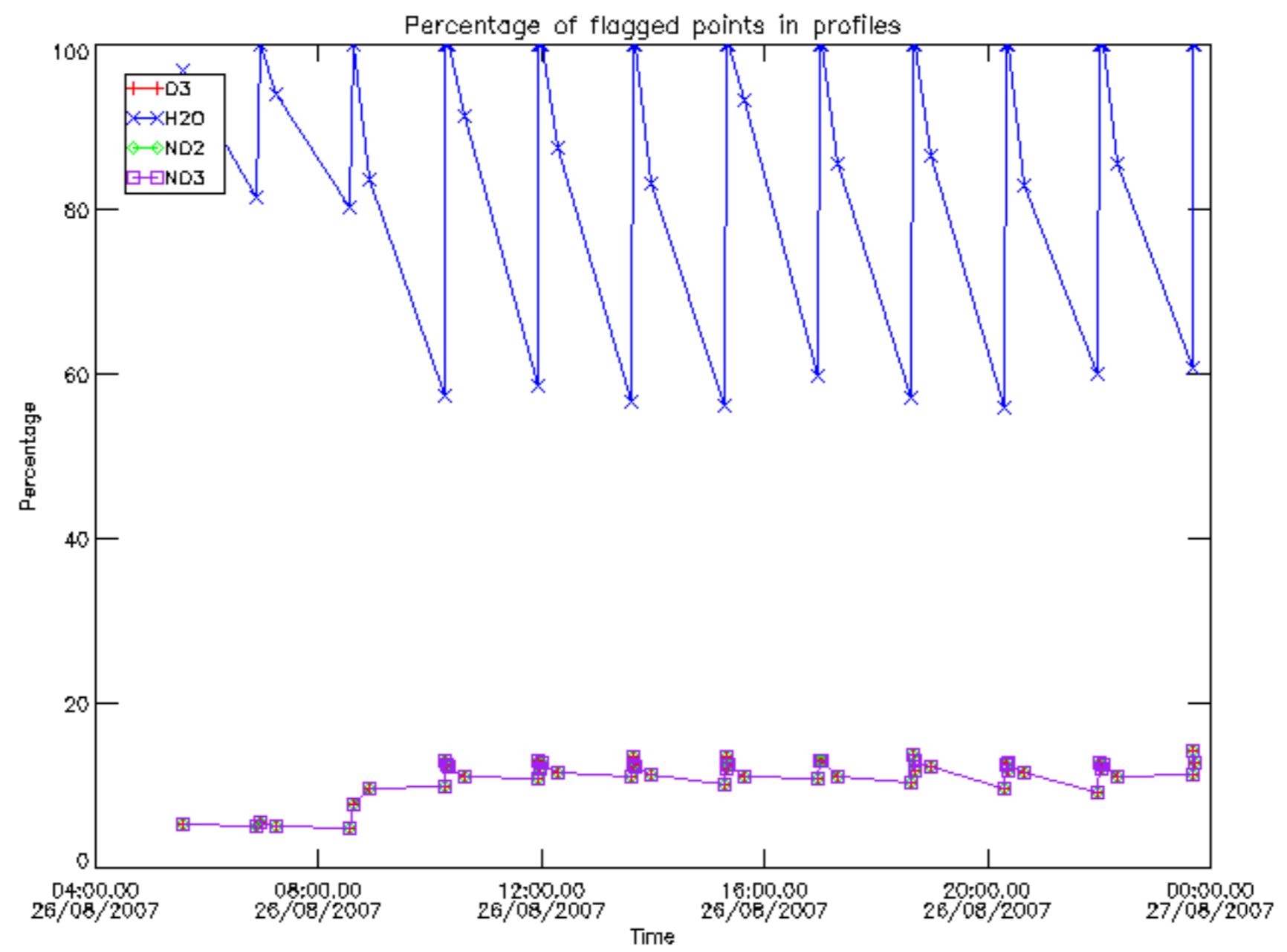




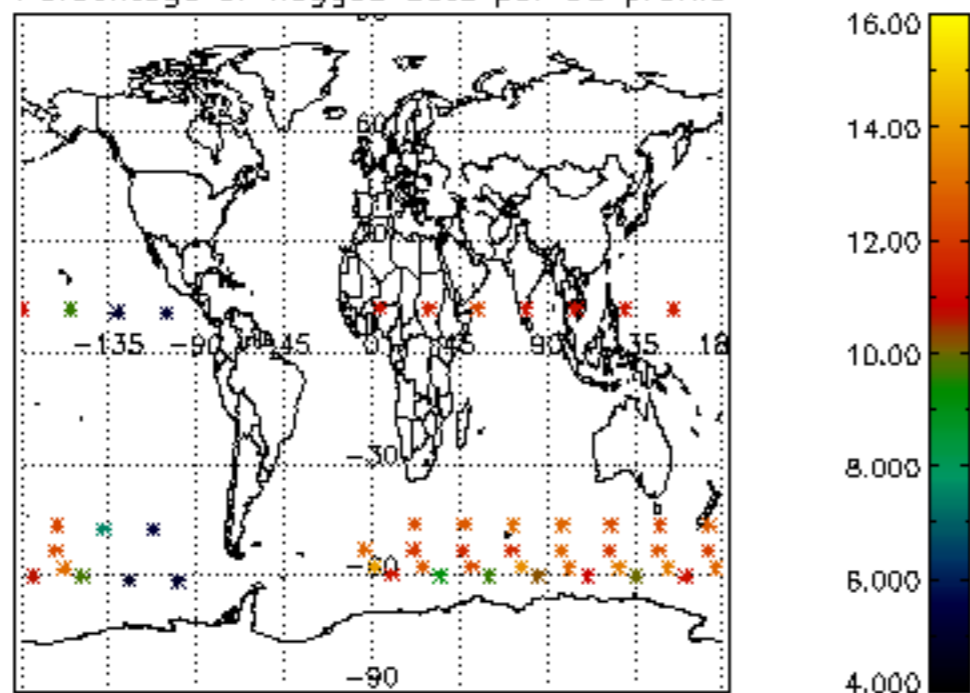




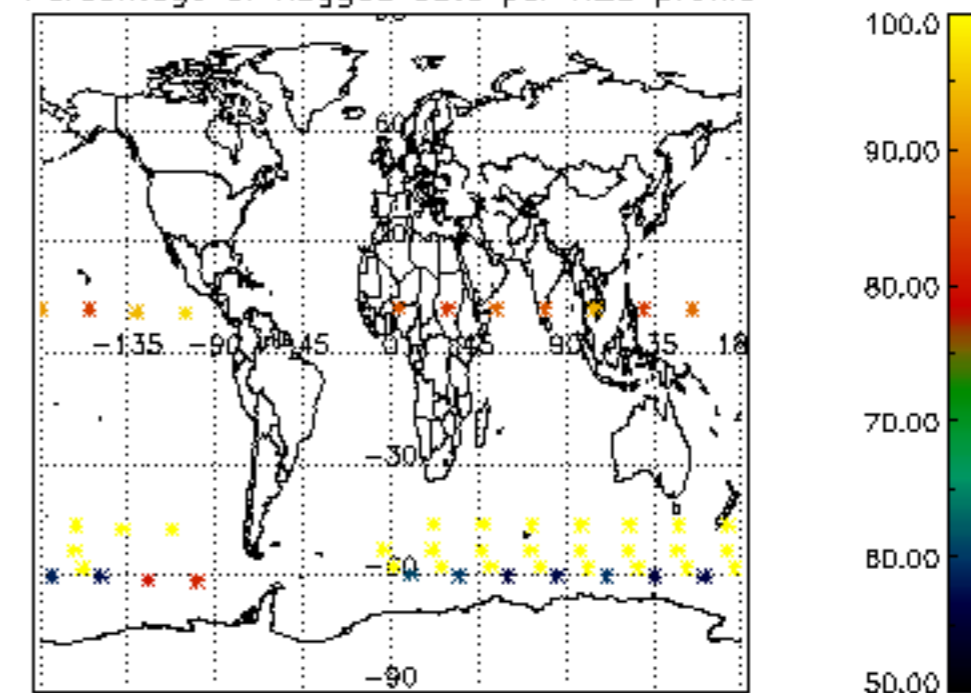




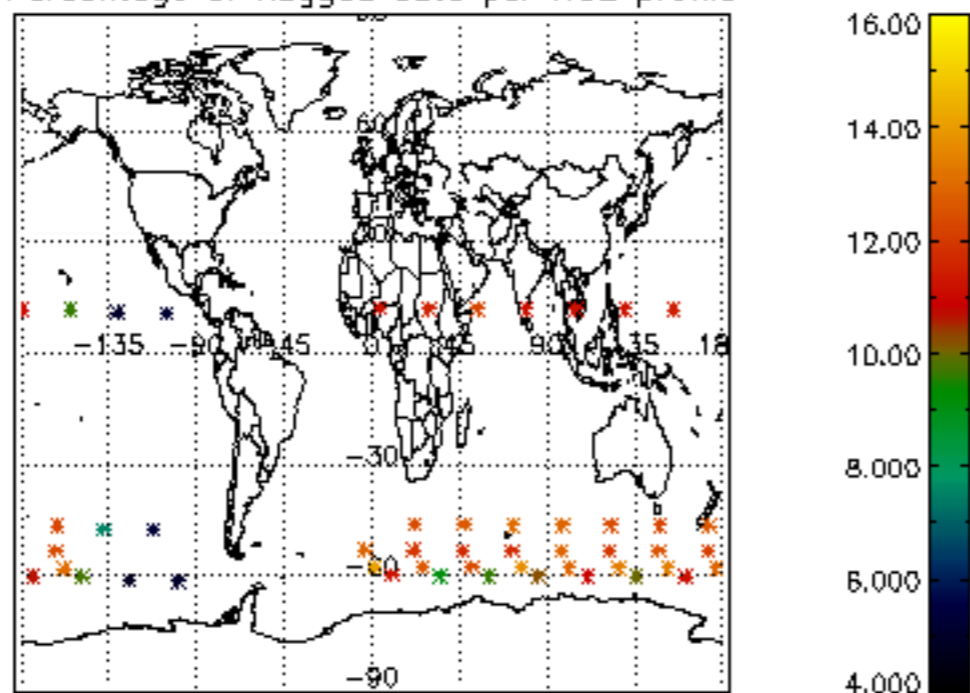
Percentage of flagged data per D3 profile



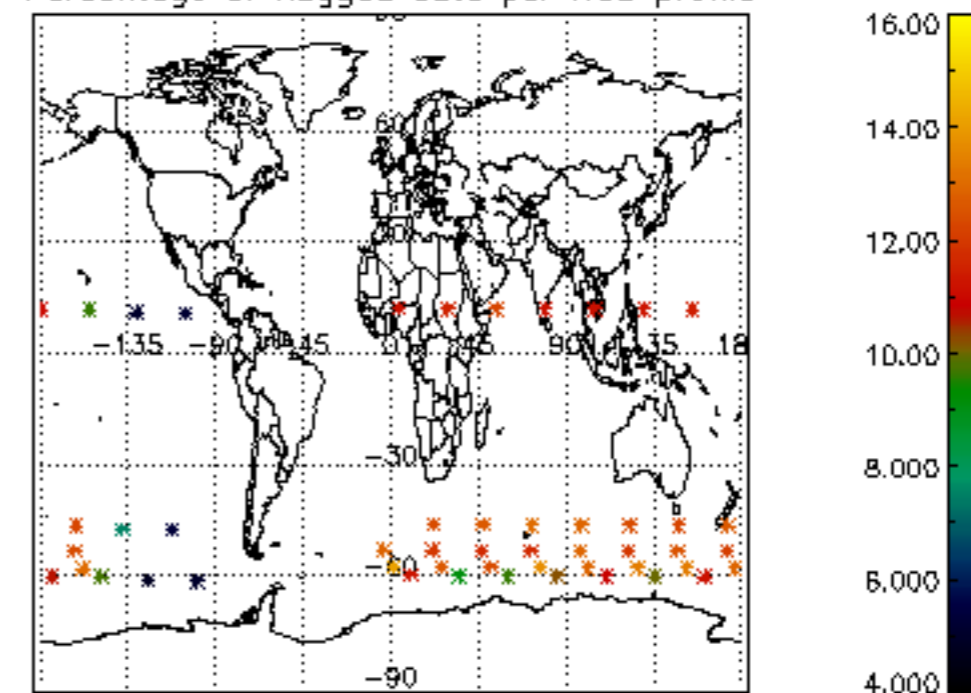
Percentage of flagged data per H2O profile

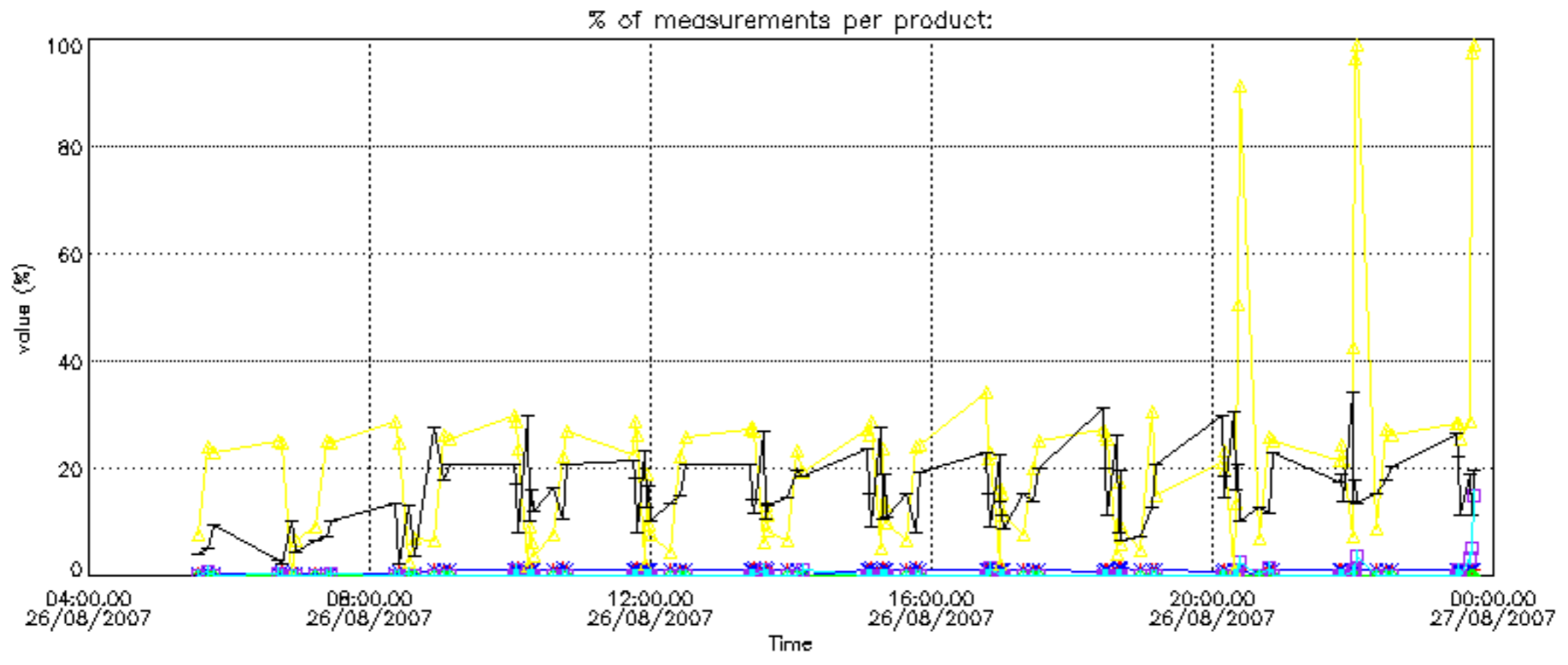


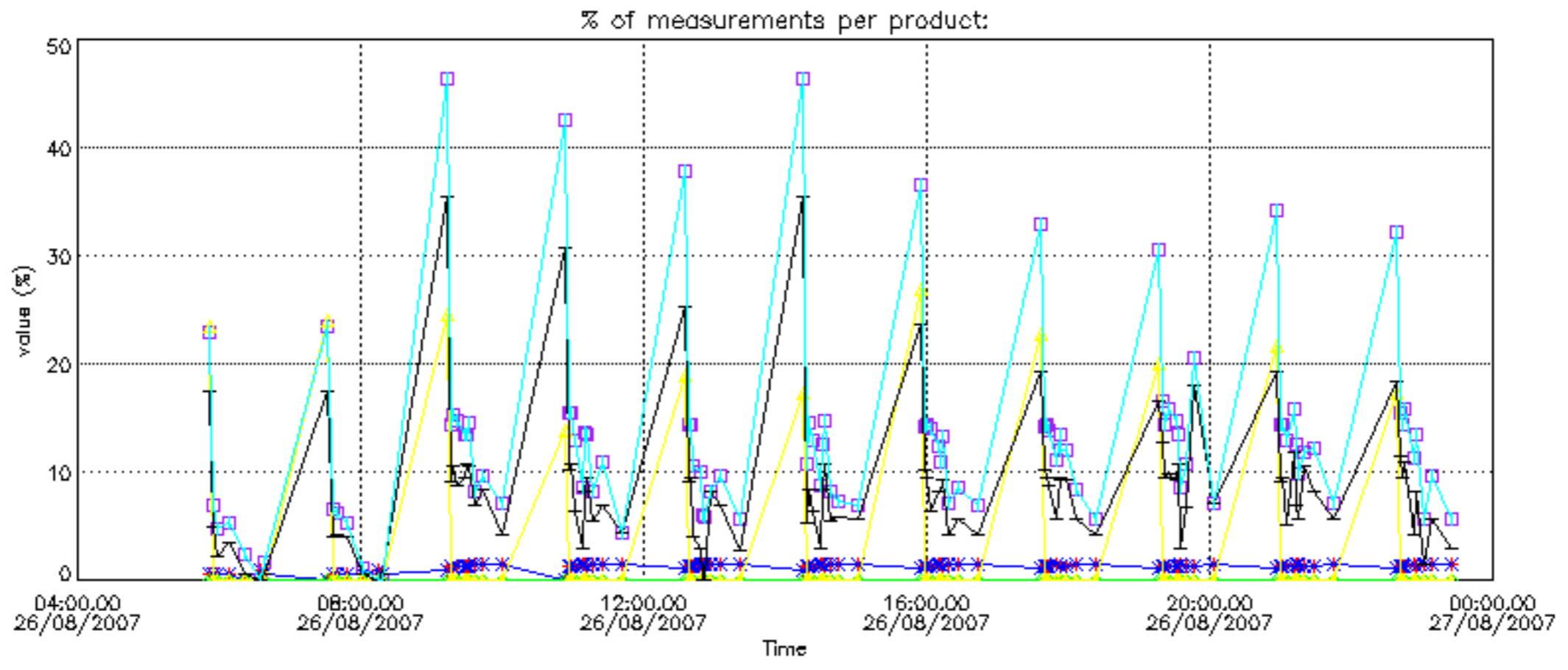
Percentage of flagged data per NO2 profile



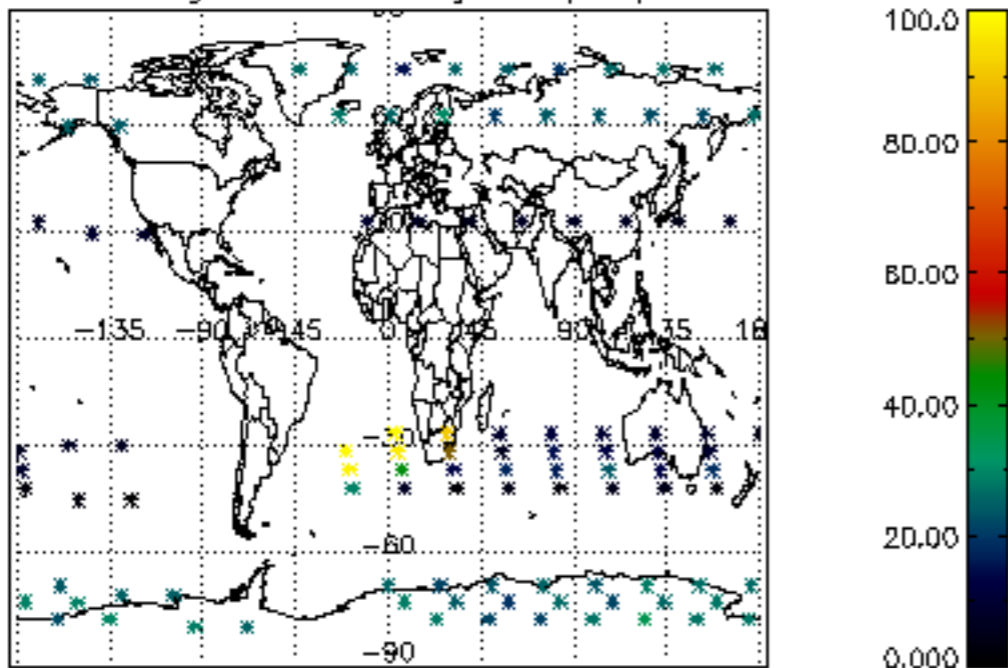
Percentage of flagged data per NO3 profile



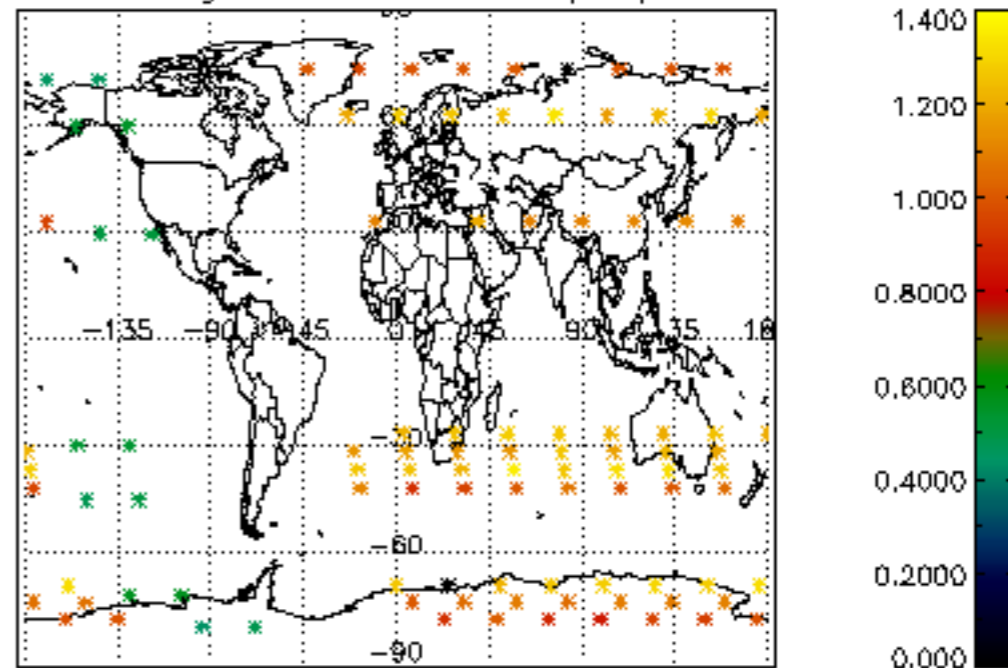




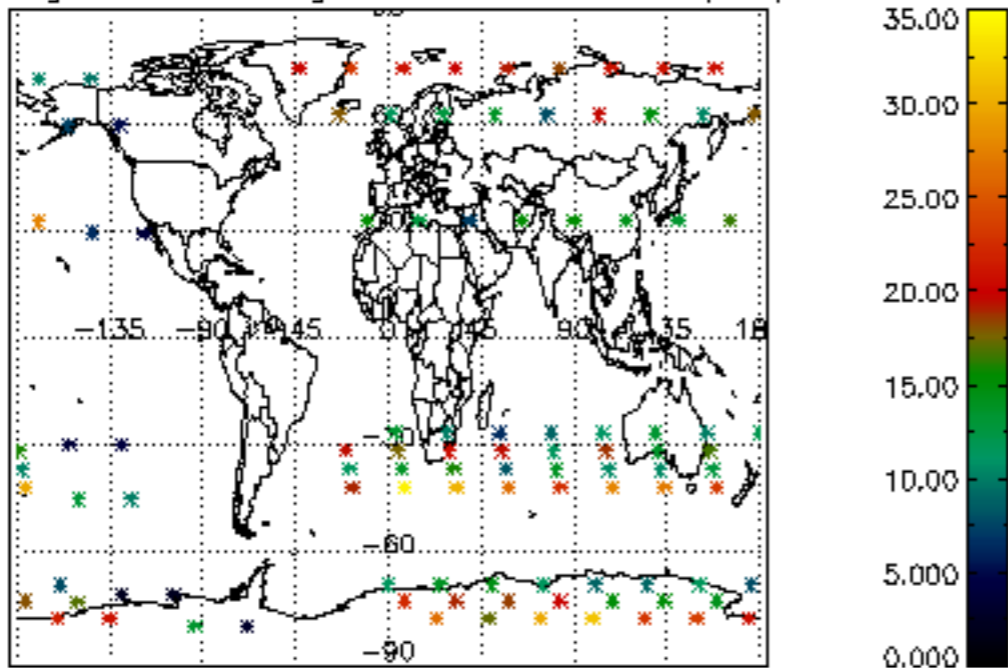
Percentage of cosmic ray hits per profile



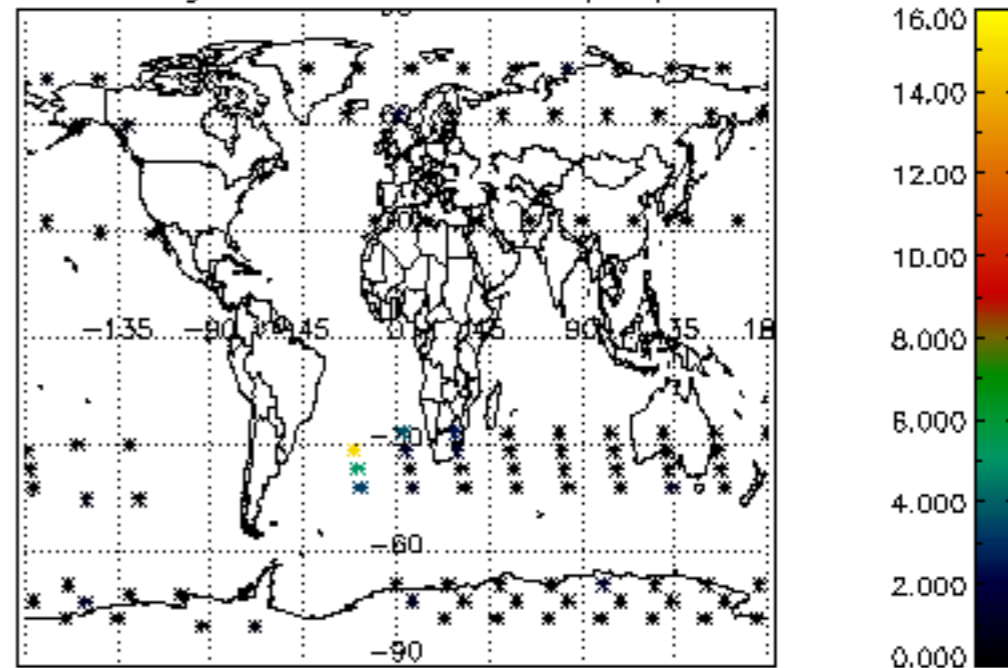
Percentage of datation errors per profile



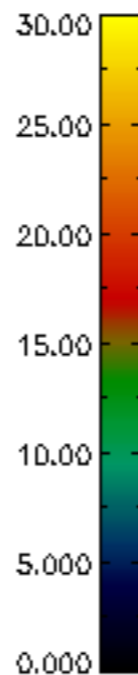
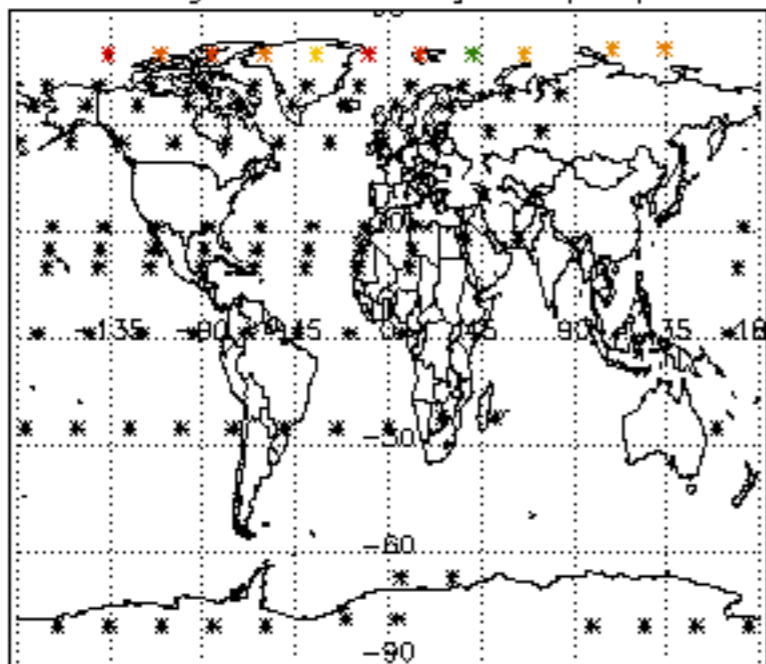
Percentage of star falling outside central band per profile



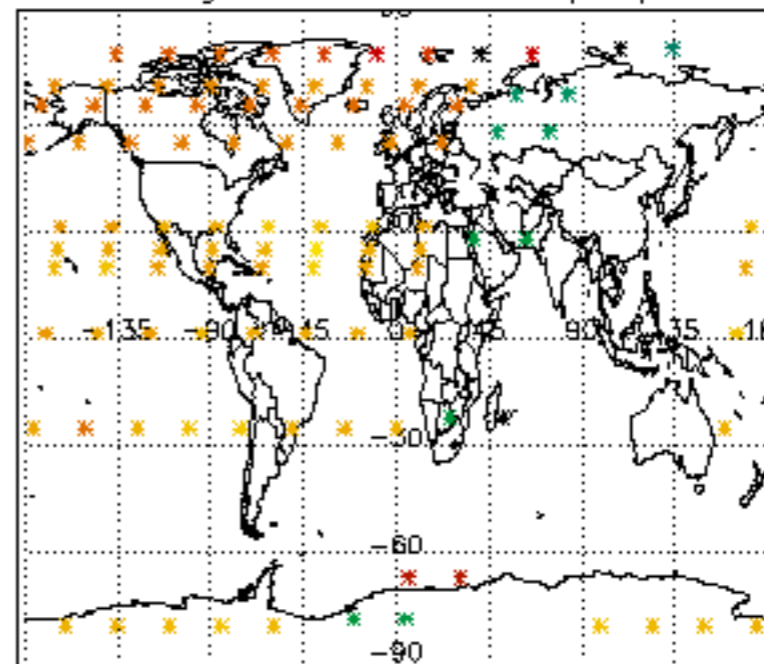
Percentage of saturation errors per profile



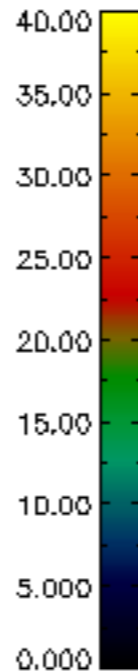
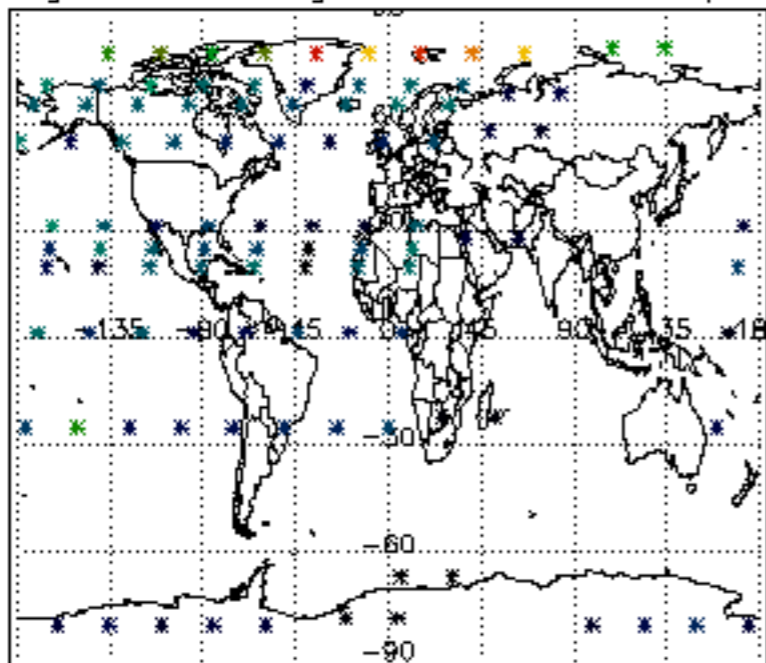
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

