

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 18:21:01
Data source version	GOMOS/6.01
Start time of products	02-08-2008 (02AUG2008 00:00:00)
Stop time of products	03-08-2008 (03AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	288
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

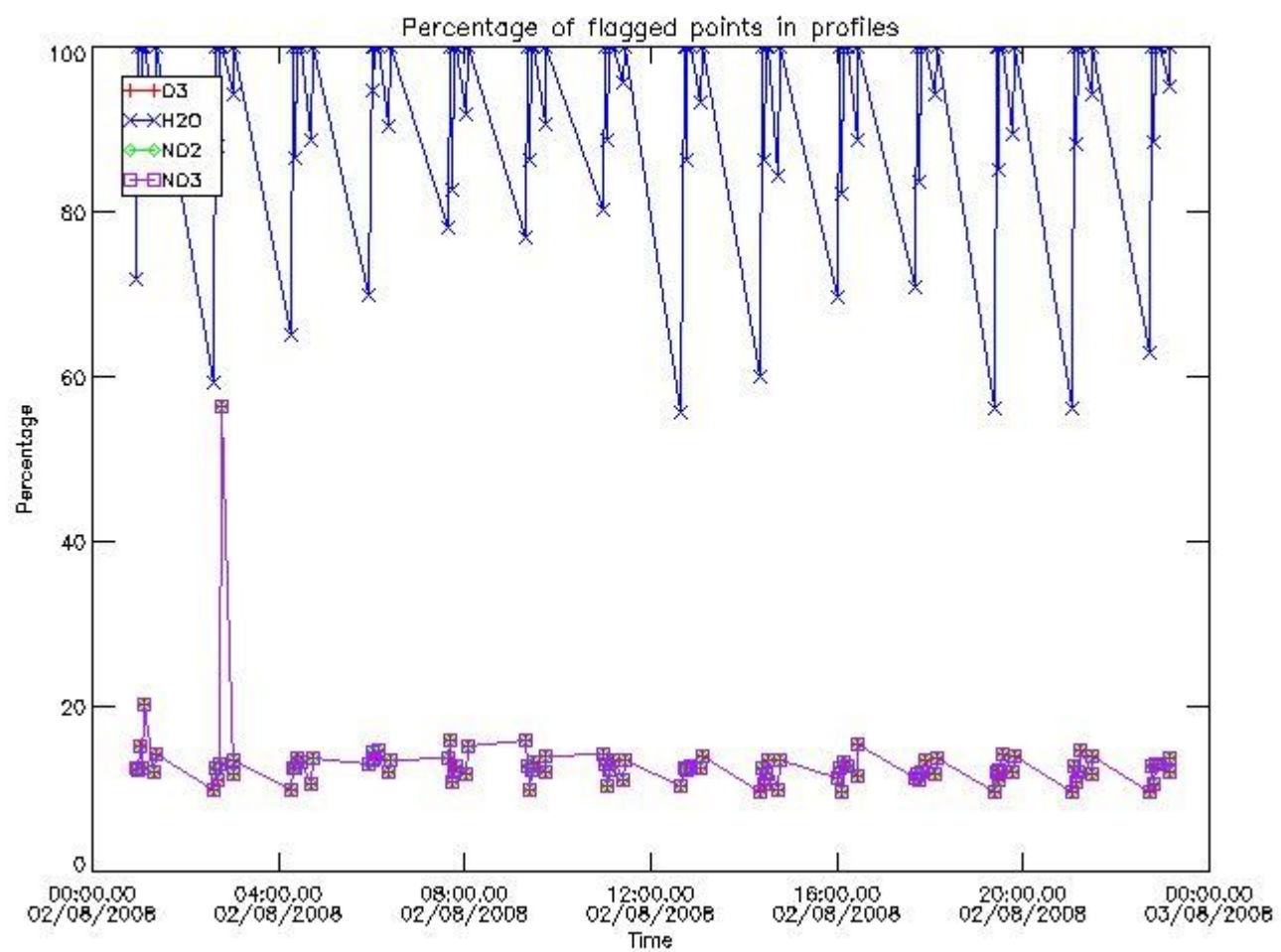
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080802_000022_000000372070_00460_33580_2290.N1	02-AUG-2008 00:00:22	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33580	No
2	GOM_NL__2PRFIN20080802_000841_000000372070_00460_33580_2291.N1	02-AUG-2008 00:08:41	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33580	No
3	GOM_NL__2PRFIN20080802_001009_000000352070_00460_33580_2292.N1	02-AUG-2008 00:10:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33580	No
4	GOM_NL__2PRFIN20080802_001714_000000362070_00460_33580_2293.N1	02-AUG-2008 00:17:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	33580	No
5	GOM_NL__2PRFIN20080802_001914_000000342070_00460_33580_2294.N1	02-AUG-2008 00:19:14	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33580	No
6	GOM_NL__2PRFIN20080802_002103_000000372070_00460_33580_2295.N1	02-AUG-2008 00:21:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33580	No
7	GOM_NL__2PRFIN20080802_003143_000000322070_00460_33580_2296.N1	02-AUG-2008 00:31:43	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33580	No
8	GOM_NL__2PRFIN20080802_004424_000000432070_00460_33580_2297.N1	02-AUG-2008 00:44:24	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33580	No
9	GOM_NL__2PRFIN20080802_004651_000000362070_00460_33580_2298.N1	02-AUG-2008 00:46:51	Bright	35.500	107	37The Aur	2.6490	11000.	71	33580	No
10	GOM_NL__2PRFIN20080802_004940_000000462070_00460_33580_2299.N1	02-AUG-2008 00:49:40	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	33580	No
11	GOM_NL__2PRFIN20080802_005146_000000402070_00460_33580_2300.N1	02-AUG-2008 00:51:46	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	33580	No
12	GOM_NL__2PRFIN20080802_005527_000000492070_00460_33580_2301.N1	02-AUG-2008 00:55:27	Dark	48.500	14	58Alp Ori	0.87000	3000.0	97	33580	No
13	GOM_NL__2PRFIN20080802_005814_000000422070_00460_33580_2302.N1	02-AUG-2008 00:58:14	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33580	No
14	GOM_NL__2PRFIN20080802_010044_000000472070_00460_33580_2303.N1	02-AUG-2008 01:00:44	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	33580	No
15	GOM_NL__2PRFIN20080802_010253_000000412070_00460_33580_2304.N1	02-AUG-2008 01:02:53	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	33580	No
16	GOM_NL__2PRFIN20080802_010704_000000402070_00460_33580_2305.N1	02-AUG-2008 01:07:04	Dark	40.000	108	Alp Col	2.6520	15200.	80	33580	No
17	GOM_NL__2PRFIN20080802_012018_000000432070_00461_33581_2306.N1	02-AUG-2008 01:20:18	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33581	No
18	GOM_NL__2PRFIN20080802_012209_000000362070_00461_33581_2307.N1	02-AUG-2008 01:22:09	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33581	No
19	GOM_NL__2PRFIN20080802_012705_000000412070_00461_33581_2308.N1	02-AUG-2008 01:27:05	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33581	No
20	GOM_NL__2PRFIN20080802_013027_000000422070_00461_33581_2309.N1	02-AUG-2008 01:30:27	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33581	No
21	GOM_NL__2PRFIN20080802_013835_000000422070_00461_33581_2310.N1	02-AUG-2008 01:38:35	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	33581	No
22	GOM_NL__2PRFIN20080802_014058_000000352070_00461_33581_2311.N1	02-AUG-2008 01:40:58	Bright	35.000	155	41Pi Sgr	2.9000	6600.0	70	33581	No
23	GOM_NL__2PRFIN20080802_014917_000000372070_00461_33581_2312.N1	02-AUG-2008 01:49:17	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33581	No
24	GOM_NL__2PRFIN20080802_015045_000000352070_00461_33581_2313.N1	02-AUG-2008 01:50:45	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33581	No
25	GOM_NL__2PRFIN20080802_015750_000000382070_00461_33581_2314.N1	02-AUG-2008 01:57:50	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	33581	No
26	GOM_NL__2PRFIN20080802_015950_000000382070_00461_33581_2315.N1	02-AUG-2008 01:59:50	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33581	No
27	GOM_NL__2PRFIN20080802_020139_000000332070_00461_33581_2316.N1	02-AUG-2008 02:01:39	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	33581	No
28	GOM_NL__2PRFIN20080802_021219_000000352070_00461_33581_2317.N1	02-AUG-2008 02:12:19	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33581	No
29	GOM_NL__2PRFIN20080802_022500_000000412070_00461_33581_2318.N1	02-AUG-2008 02:25:00	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33581	No
30	GOM_NL__2PRFIN20080802_022727_000000352070_00461_33581_2319.N1	02-AUG-2008 02:27:27	Bright	34.500	107	37The Aur	2.6490	11000.	69	33581	No
31	GOM_NL__2PRFIN20080802_023016_000000442070_00461_33581_2320.N1	02-AUG-2008 02:30:16	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33581	No
32	GOM_NL__2PRFIN20080802_023222_000000392070_00461_33581_2321.N1	02-AUG-2008 02:32:22	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	33581	No
33	GOM_NL__2PRFIN20080802_023603_000000522070_00461_33581_2322.N1	02-AUG-2008 02:36:03	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	33581	No
34	GOM_NL__2PRFIN20080802_023850_000000412070_00461_33581_2323.N1	02-AUG-2008 02:38:50	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33581	No
35	GOM_NL__2PRFIN20080802_024120_000000512070_00461_33581_2324.N1	02-AUG-2008 02:41:20	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	33581	No
36	GOM_NL__2PRFIN20080802_024330_000000402070_00461_33581_2325.N1	02-AUG-2008 02:43:30	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	33581	No
37	GOM_NL__2PRFIN20080802_024741_000000402070_00461_33581_2326.N1	02-AUG-2008 02:47:41	Dark	39.500	108	Alp Col	2.6520	15200.	79	33581	No
38	GOM_NL__2PRFIN20080802_030055_000000442070_00462_33582_2328.N1	02-AUG-2008 03:00:55	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33582	No
39	GOM_NL__2PRFIN20080802_030245_000000382070_00462_33582_2329.N1	02-AUG-2008 03:02:45	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33582	No
40	GOM_NL__2PRFIN20080802_030741_000000402070_00462_33582_2330.N1	02-AUG-2008 03:07:41	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33582	No
41	GOM_NL__2PRFIN20080802_031104_000000432070_00462_33582_2331.N1	02-AUG-2008 03:11:04	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33582	No
42	GOM_NL__2PRFIN20080802_031911_000000472070_00462_33582_2332.N1	02-AUG-2008 03:19:11	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	33582	No

279	GOM_NL__2PRFIN20080802_230814_000000432070_00474_33594_2661.N1	02-AUG-2008 23:08:14	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33594	No
280	GOM_NL__2PRFIN20080802_230959_000000372070_00474_33594_2662.N1	02-AUG-2008 23:09:59	Dark	37.000	135	Bet Hyl	2.8200	5800.0	74	33594	No
281	GOM_NL__2PRFIN20080802_231457_000000422070_00474_33594_2663.N1	02-AUG-2008 23:14:57	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33594	No
282	GOM_NL__2PRFIN20080802_231821_000000492070_00474_33594_2664.N1	02-AUG-2008 23:18:21	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	33594	No
283	GOM_NL__2PRFIN20080802_232847_000000372070_00474_33594_2665.N1	02-AUG-2008 23:28:47	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33594	No
284	GOM_NL__2PRFIN20080802_233703_000000372070_00474_33594_2666.N1	02-AUG-2008 23:37:03	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33594	No
285	GOM_NL__2PRFIN20080802_233832_000000352070_00474_33594_2667.N1	02-AUG-2008 23:38:32	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33594	No
286	GOM_NL__2PRFIN20080802_234538_000000362070_00474_33594_2668.N1	02-AUG-2008 23:45:38	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	33594	No
287	GOM_NL__2PRFIN20080802_234734_000000352070_00474_33594_2669.N1	02-AUG-2008 23:47:34	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	33594	No
288	GOM_NL__2PRFIN20080802_234928_000000342070_00474_33594_2670.N1	02-AUG-2008 23:49:28	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	33594	No

3. Quality information per product

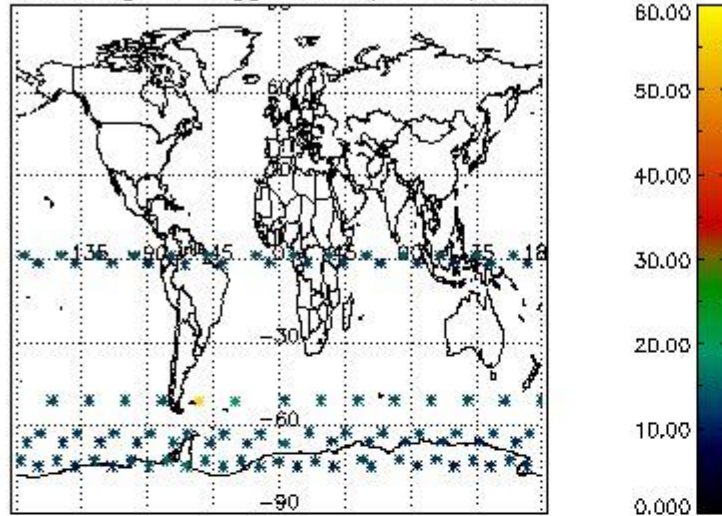
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

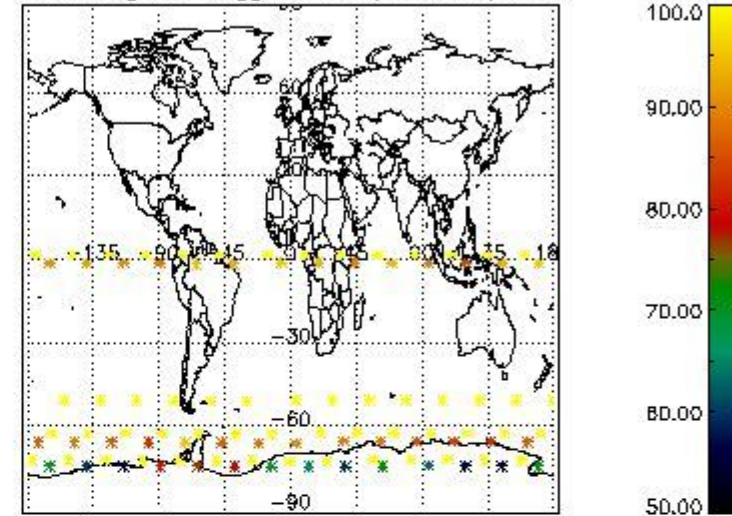


3.2 Plot quality information per product (world map)

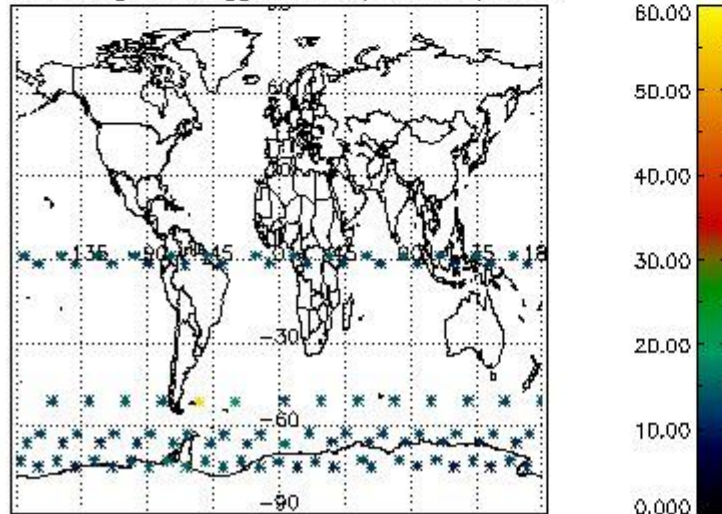
Percentage of flagged data per O3 profile



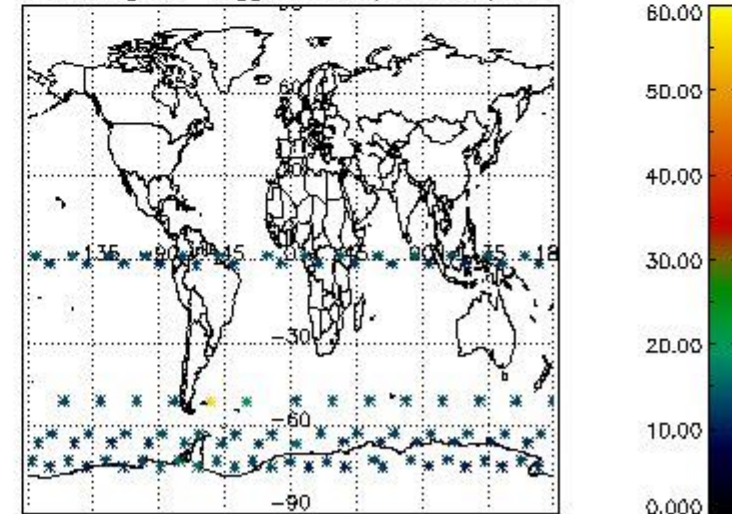
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

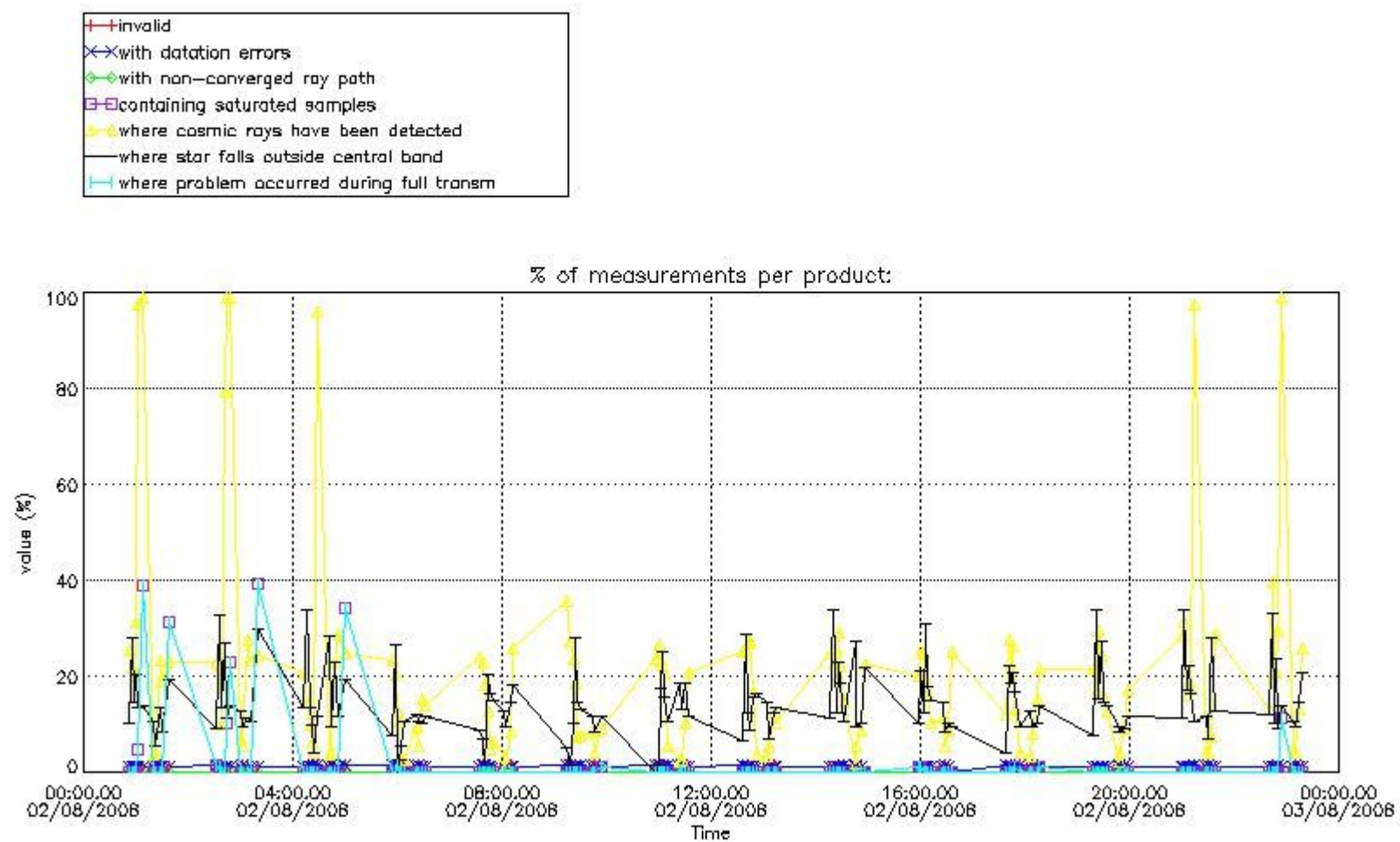


4. Level 1 quality information per product

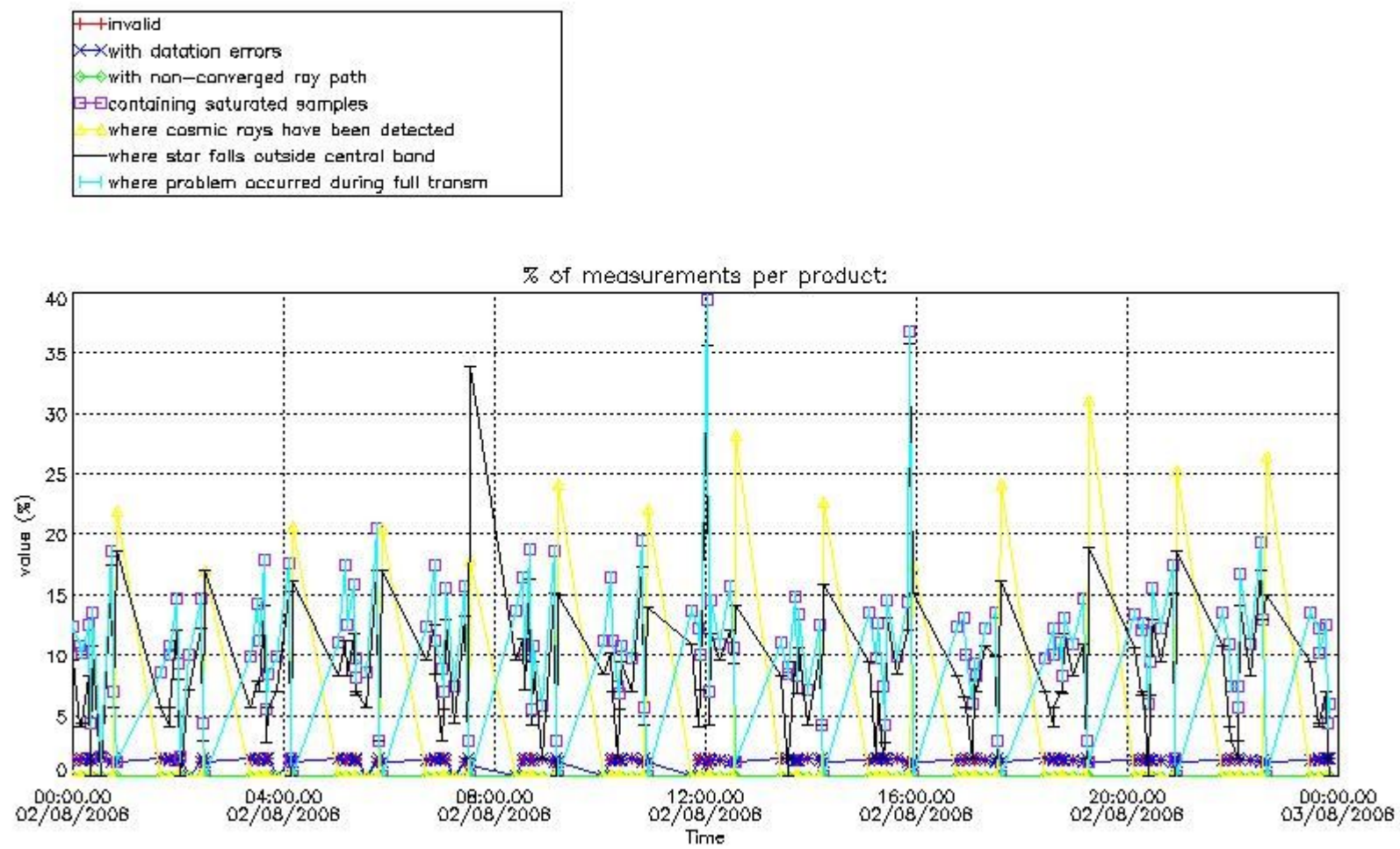
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



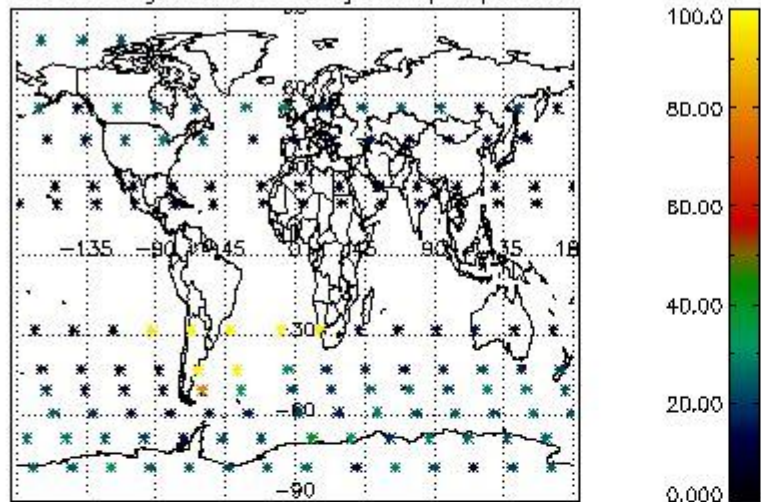
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



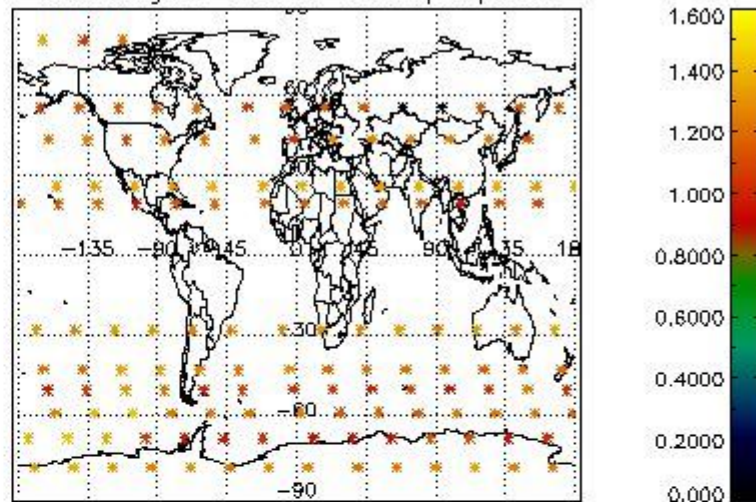
4.2 Plot quality information per product coming from level 1b processing (world map)

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

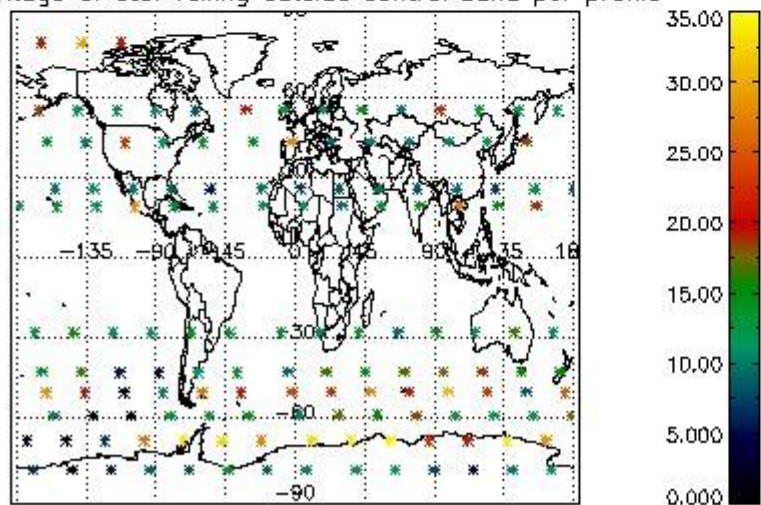
Percentage of cosmic ray hits per profile



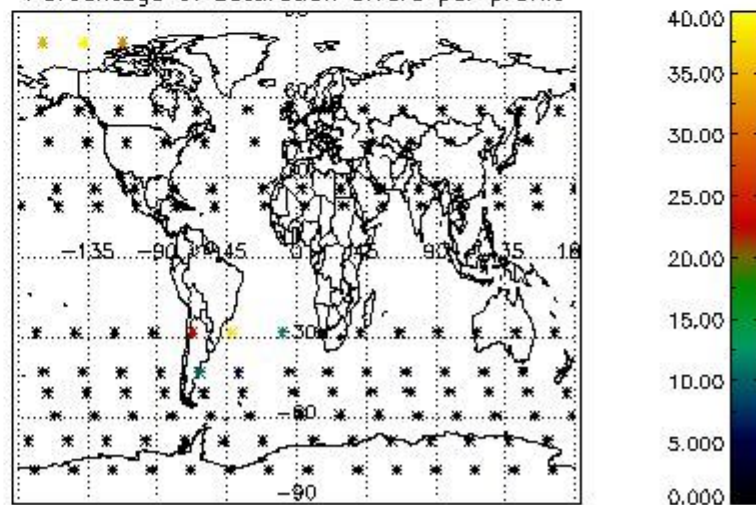
Percentage of datation errors per profile



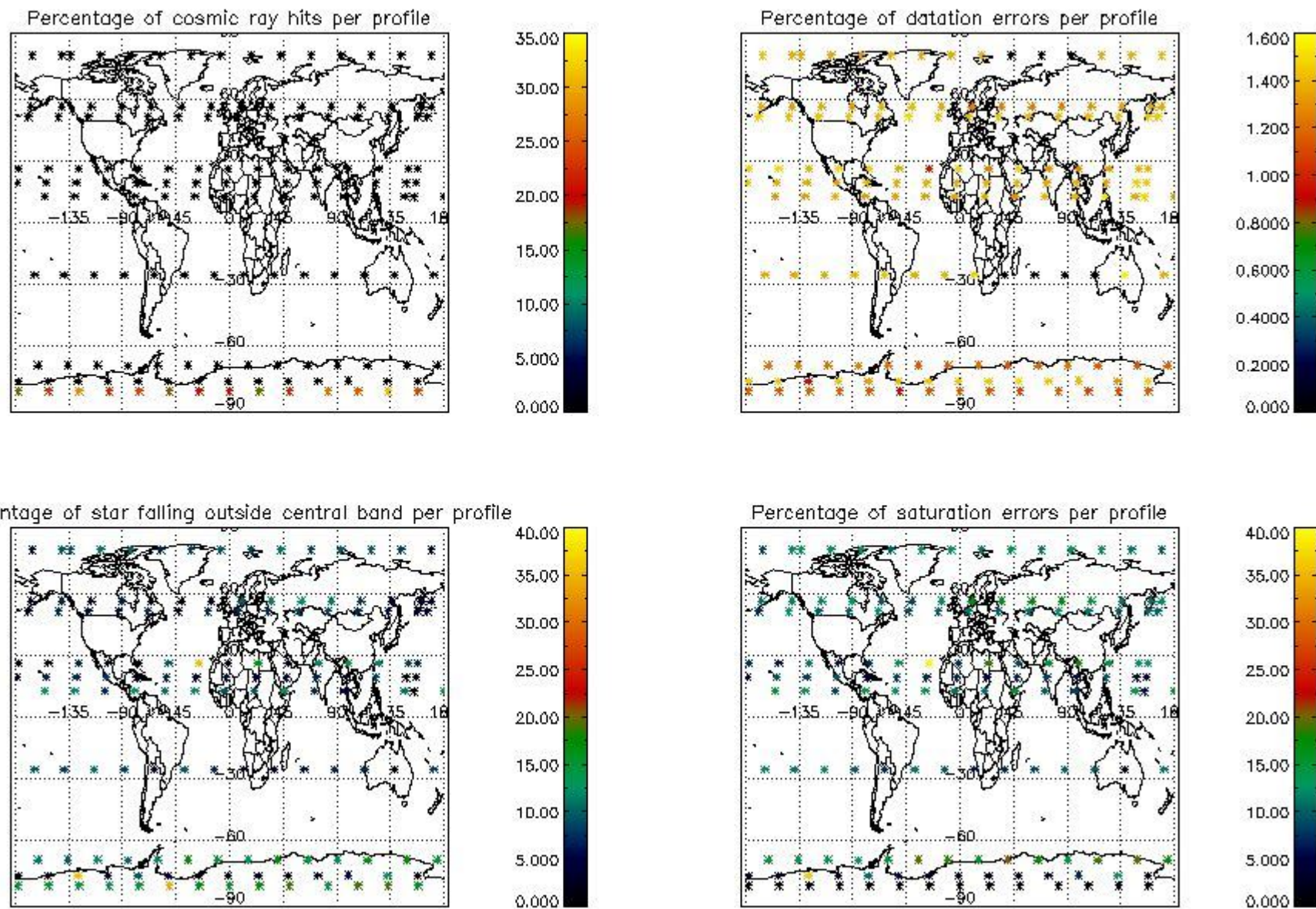
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

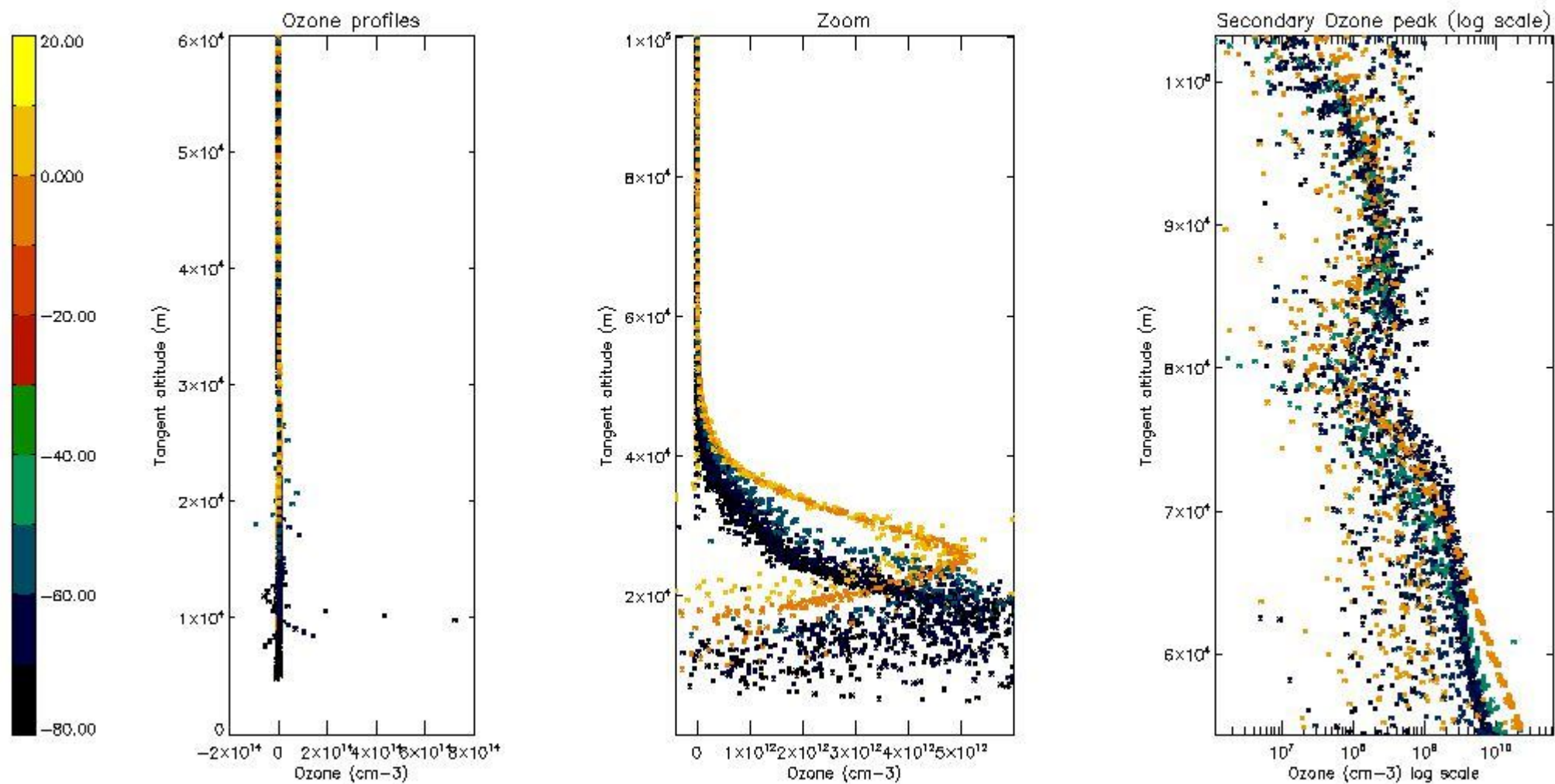
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	19

STD < 10	14
STD < 5	10

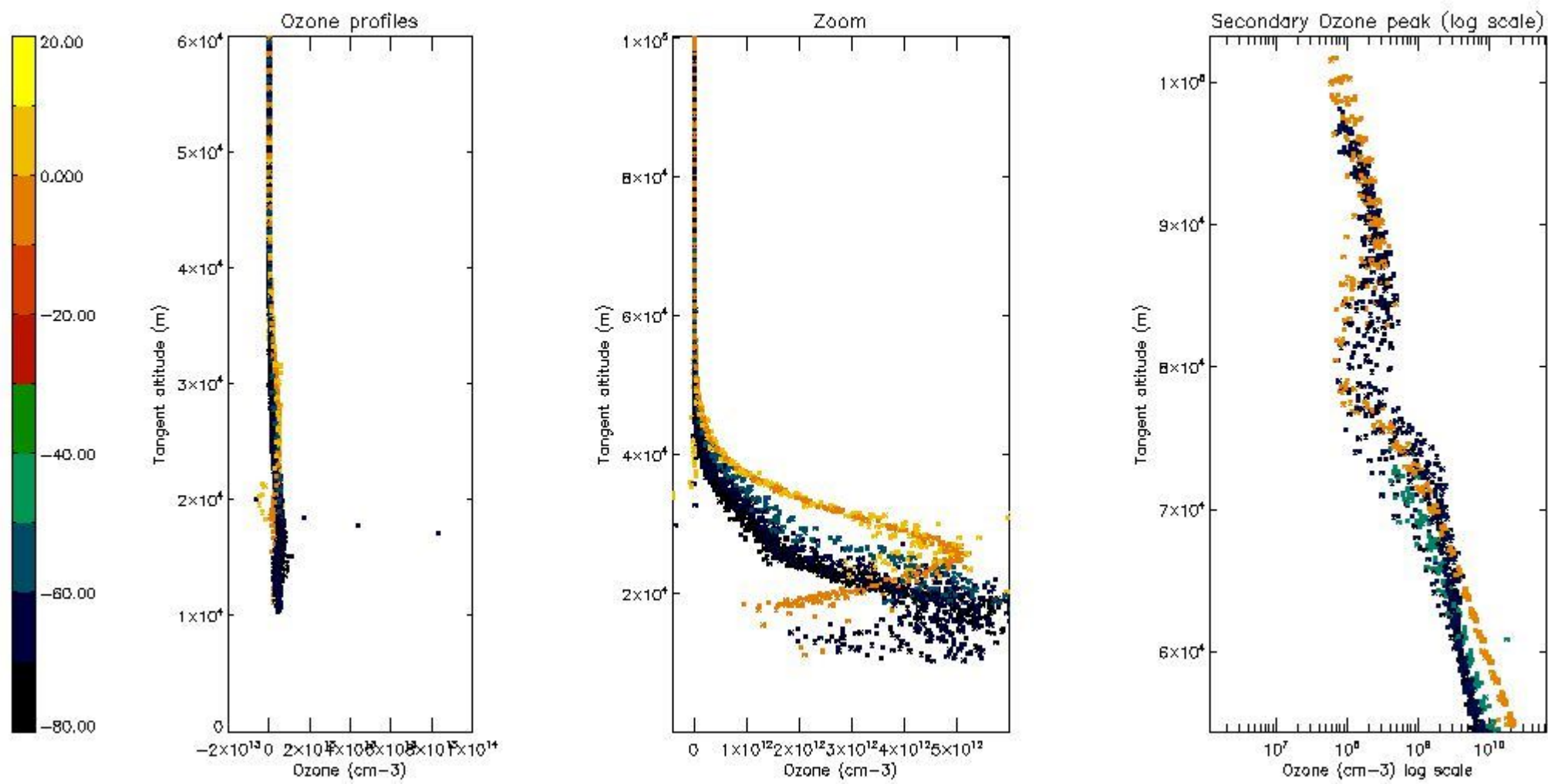
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



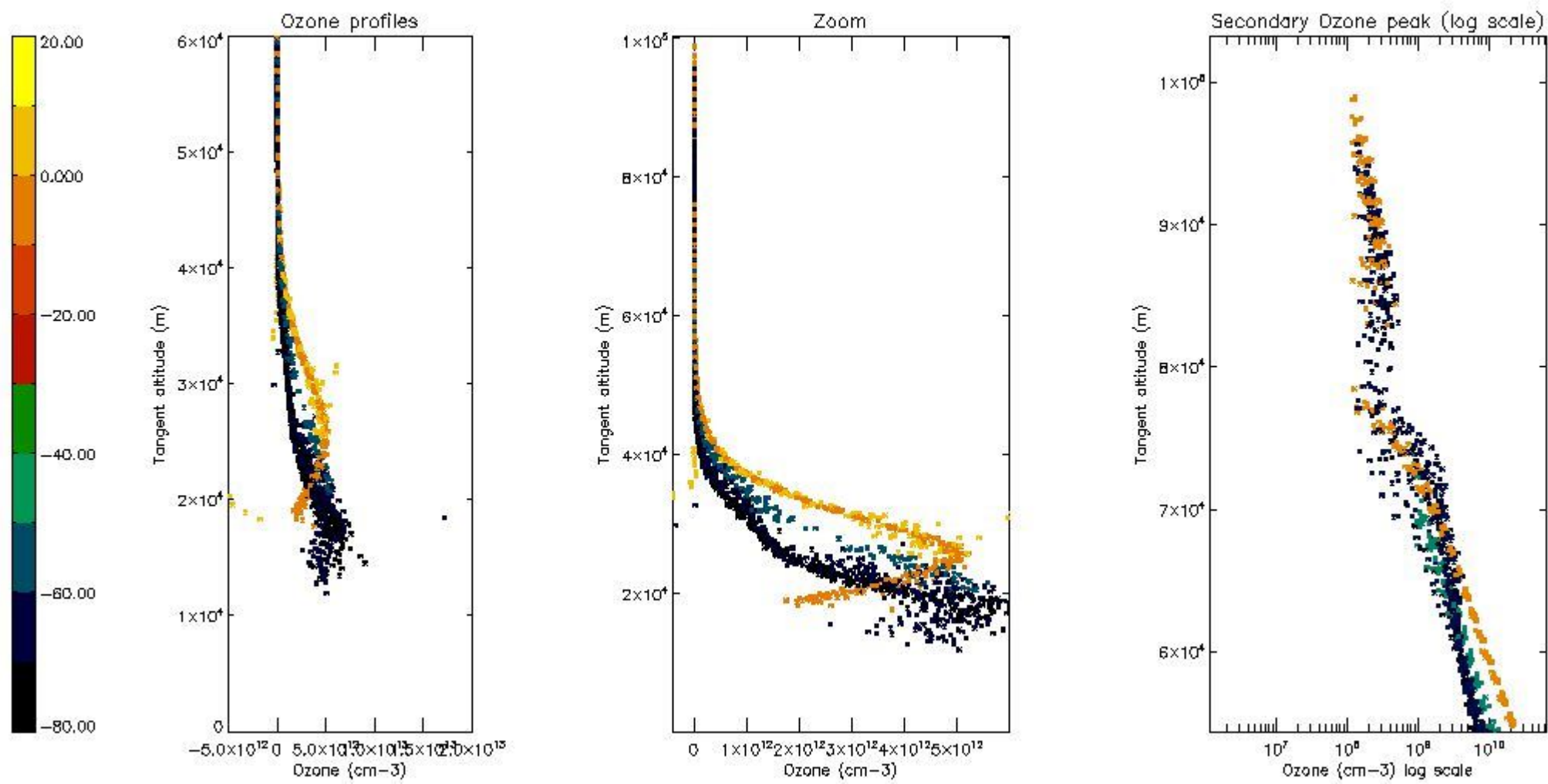
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



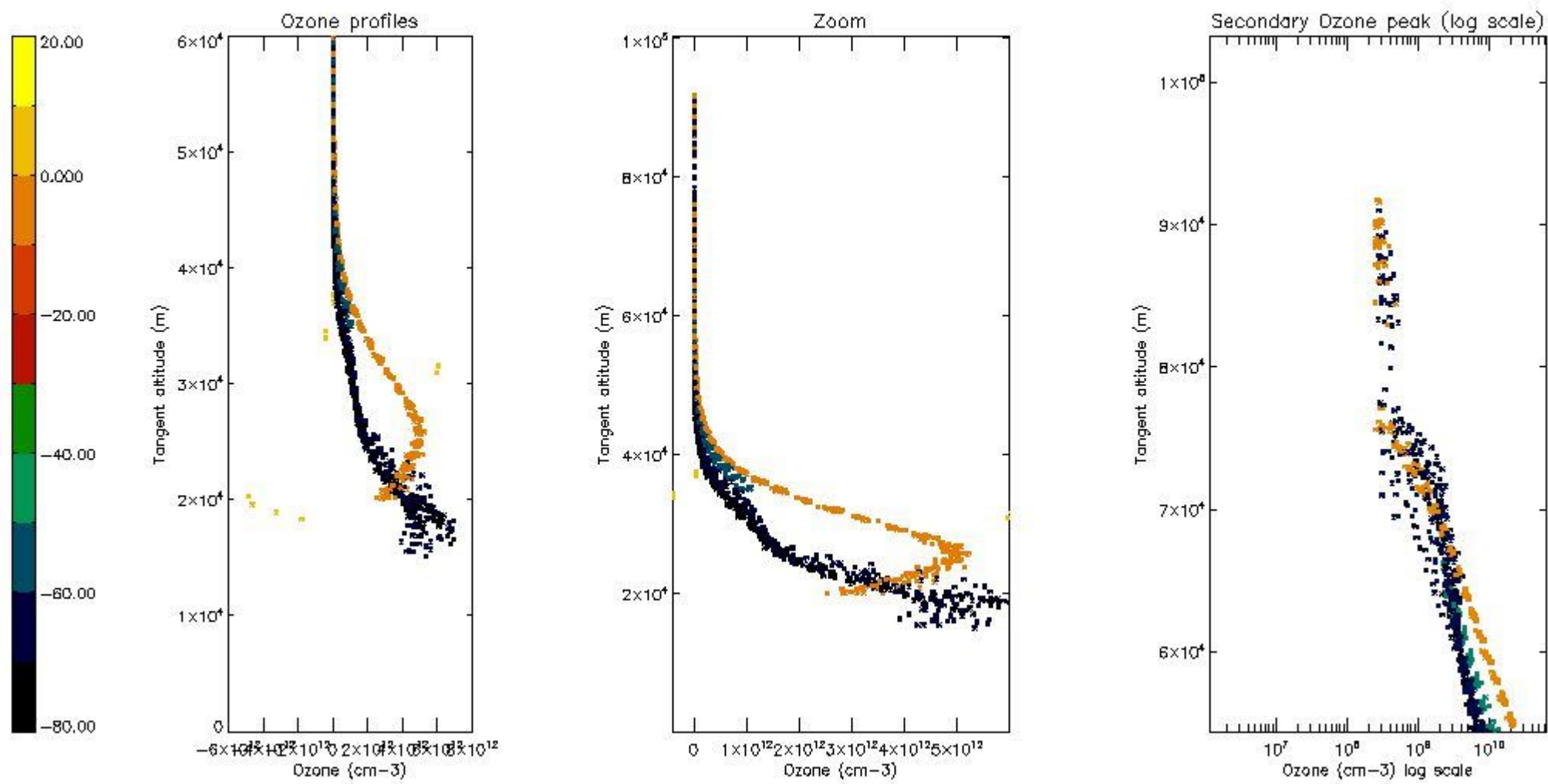
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



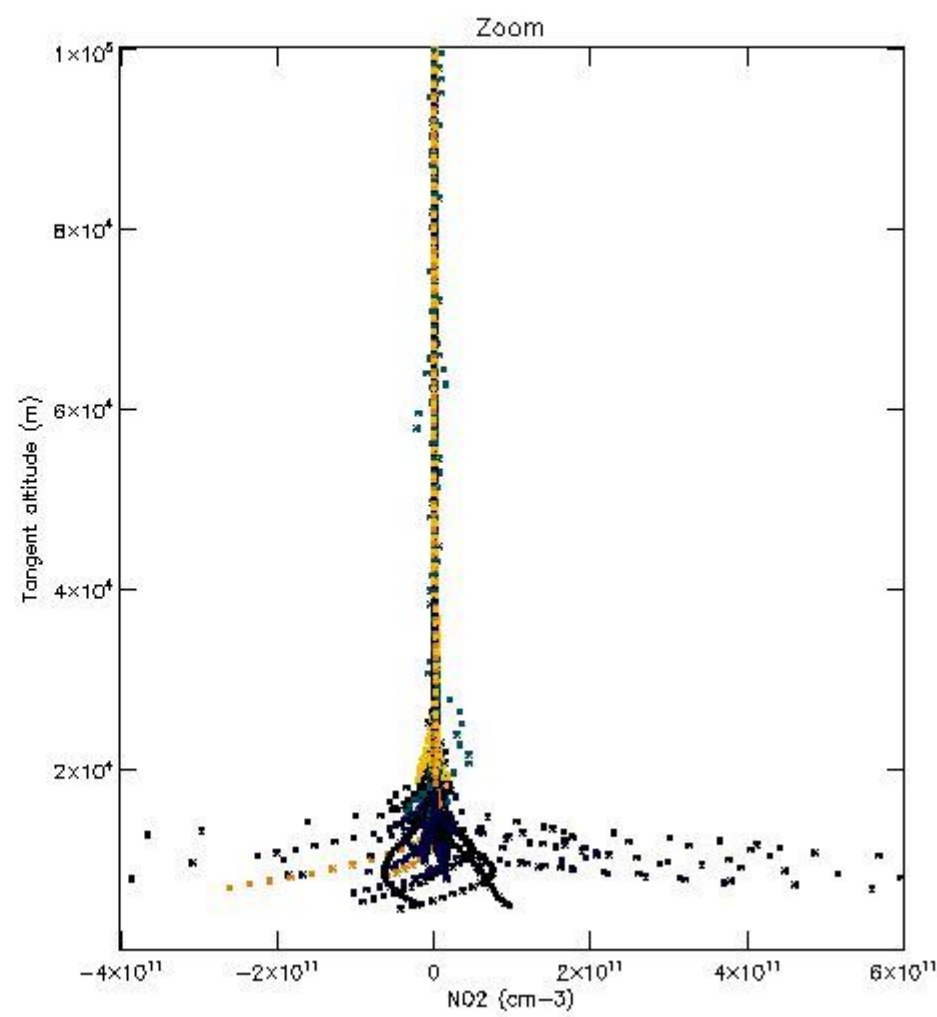
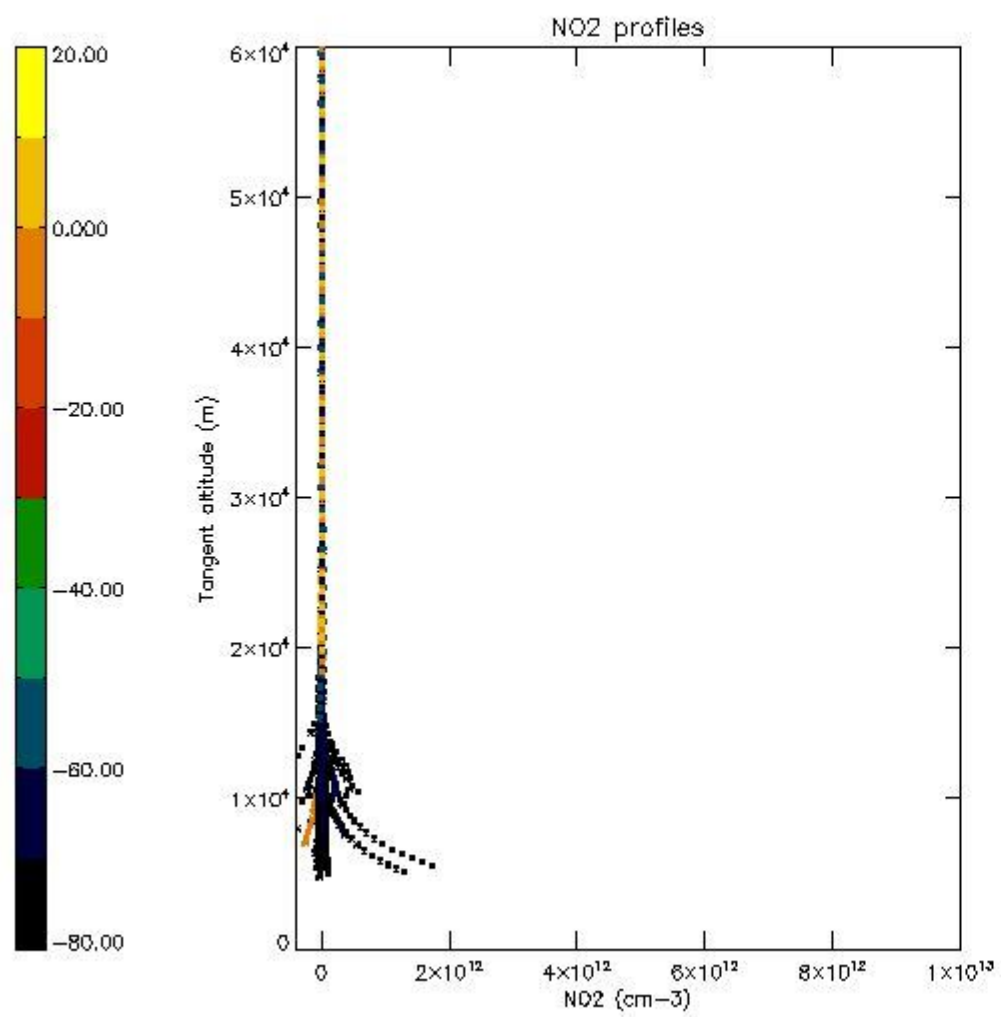
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



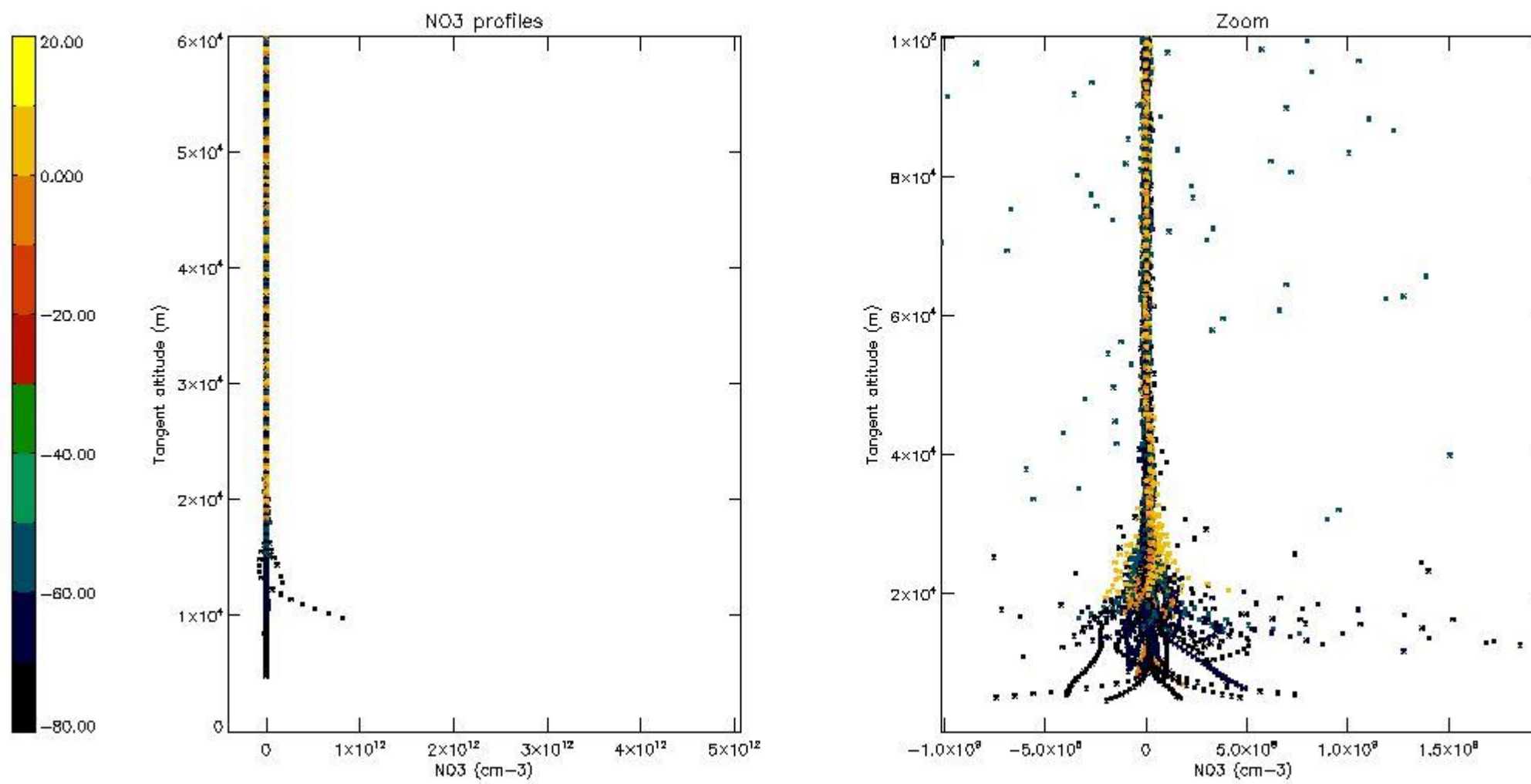
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2008 00:00:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2008 00:00:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2008 00:00:22

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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__2PRFIN20080802_000022_000000372070_00460_33580_2290.N1	02-AUG-2008 00:00:22	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33580	No
2	GOM_NL__2PRFIN20080802_000841_000000372070_00460_33580_2291.N1	02-AUG-2008 00:08:41	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33580	No
3	GOM_NL__2PRFIN20080802_001009_000000352070_00460_33580_2292.N1	02-AUG-2008 00:10:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33580	No
4	GOM_NL__2PRFIN20080802_001714_000000362070_00460_33580_2293.N1	02-AUG-2008 00:17:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	33580	No
5	GOM_NL__2PRFIN20080802_001914_000000342070_00460_33580_2294.N1	02-AUG-2008 00:19:14	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33580	No
6	GOM_NL__2PRFIN20080802_002103_000000372070_00460_33580_2295.N1	02-AUG-2008 00:21:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33580	No
7	GOM_NL__2PRFIN20080802_003143_000000322070_00460_33580_2296.N1	02-AUG-2008 00:31:43	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33580	No
8	GOM_NL__2PRFIN20080802_004424_000000432070_00460_33580_2297.N1	02-AUG-2008 00:44:24	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33580	No
9	GOM_NL__2PRFIN20080802_004651_000000362070_00460_33580_2298.N1	02-AUG-2008 00:46:51	Bright	35.500	107	37The Aur	2.6490	11000.	71	33580	No
10	GOM_NL__2PRFIN20080802_004940_000000462070_00460_33580_2299.N1	02-AUG-2008 00:49:40	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	33580	No
11	GOM_NL__2PRFIN20080802_005146_000000402070_00460_33580_2300.N1	02-AUG-2008 00:51:46	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	33580	No
12	GOM_NL__2PRFIN20080802_005527_000000492070_00460_33580_2301.N1	02-AUG-2008 00:55:27	Dark	48.500	14	58Alp Ori	0.87000	3000.0	97	33580	No
13	GOM_NL__2PRFIN20080802_005814_000000422070_00460_33580_2302.N1	02-AUG-2008 00:58:14	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33580	No
14	GOM_NL__2PRFIN20080802_010044_000000472070_00460_33580_2303.N1	02-AUG-2008 01:00:44	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	33580	No
15	GOM_NL__2PRFIN20080802_010253_000000412070_00460_33580_2304.N1	02-AUG-2008 01:02:53	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	33580	No
16	GOM_NL__2PRFIN20080802_010704_000000402070_00460_33580_2305.N1	02-AUG-2008 01:07:04	Dark	40.000	108	Alp Col	2.6520	15200.	80	33580	No
17	GOM_NL__2PRFIN20080802_012018_000000432070_00461_33581_2306.N1	02-AUG-2008 01:20:18	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33581	No
18	GOM_NL__2PRFIN20080802_012209_000000362070_00461_33581_2307.N1	02-AUG-2008 01:22:09	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33581	No
19	GOM_NL__2PRFIN20080802_012705_000000412070_00461_33581_2308.N1	02-AUG-2008 01:27:05	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33581	No
20	GOM_NL__2PRFIN20080802_013027_000000422070_00461_33581_2309.N1	02-AUG-2008 01:30:27	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33581	No
21	GOM_NL__2PRFIN20080802_013835_000000422070_00461_33581_2310.N1	02-AUG-2008 01:38:35	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	33581	No
22	GOM_NL__2PRFIN20080802_014058_000000352070_00461_33581_2311.N1	02-AUG-2008 01:40:58	Bright	35.000	155	41Pi Sgr	2.9000	6600.0	70	33581	No
23	GOM_NL__2PRFIN20080802_014917_000000372070_00461_33581_2312.N1	02-AUG-2008 01:49:17	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33581	No
24	GOM_NL__2PRFIN20080802_015045_000000352070_00461_33581_2313.N1	02-AUG-2008 01:50:45	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33581	No
25	GOM_NL__2PRFIN20080802_015750_000000382070_00461_33581_2314.N1	02-AUG-2008 01:57:50	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	33581	No
26	GOM_NL__2PRFIN20080802_015950_000000382070_00461_33581_2315.N1	02-AUG-2008 01:59:50	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33581	No
27	GOM_NL__2PRFIN20080802_020139_000000332070_00461_33581_2316.N1	02-AUG-2008 02:01:39	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	33581	No
28	GOM_NL__2PRFIN20080802_021219_000000352070_00461_33581_2317.N1	02-AUG-2008 02:12:19	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33581	No
29	GOM_NL__2PRFIN20080802_022500_000000412070_00461_33581_2318.N1	02-AUG-2008 02:25:00	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33581	No
30	GOM_NL__2PRFIN20080802_022727_000000352070_00461_33581_2319.N1	02-AUG-2008 02:27:27	Bright	34.500	107	37The Aur	2.6490	11000.	69	33581	No
31	GOM_NL__2PRFIN20080802_023016_000000442070_00461_33581_2320.N1	02-AUG-2008 02:30:16	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33581	No
32	GOM_NL__2PRFIN20080802_023222_000000392070_00461_33581_2321.N1	02-AUG-2008 02:32:22	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	33581	No
33	GOM_NL__2PRFIN20080802_023603_000000522070_00461_33581_2322.N1	02-AUG-2008 02:36:03	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	33581	No
34	GOM_NL__2PRFIN20080802_023850_000000412070_00461_33581_2323.N1	02-AUG-2008 02:38:50	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33581	No
35	GOM_NL__2PRFIN20080802_024120_000000512070_00461_33581_2324.N1	02-AUG-2008 02:41:20	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	33581	No
36	GOM_NL__2PRFIN20080802_024330_000000402070_00461_33581_2325.N1	02-AUG-2008 02:43:30	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	33581	No
37	GOM_NL__2PRFIN20080802_024741_000000402070_00461_33581_2326.N1	02-AUG-2008 02:47:41	Dark	39.500	108	Alp Col	2.6520	15200.	79	33581	No
38	GOM_NL__2PRFIN20080802_030055_000000442070_00462_33582_2328.N1	02-AUG-2008 03:00:55	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33582	No
39	GOM_NL__2PRFIN20080802_030245_000000382070_00462_33582_2329.N1	02-AUG-2008 03:02:45	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33582	No
40	GOM_NL__2PRFIN20080802_030741_000000402070_00462_33582_2330.N1	02-AUG-2008 03:07:41	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33582	No
41	GOM_NL__2PRFIN20080802_031104_000000432070_00462_33582_2331.N1	02-AUG-2008 03:11:04	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33582	No
42	GOM_NL__2PRFIN20080802_031911_000000472070_00462_33582_2332.N1	02-AUG-2008 03:19:11	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	33582	No

43	GOM_NL__2PRFIN20080802_032134_000000362070_00462_33582_2333.N1	02-AUG-2008 03:21:34	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	33582	No
44	GOM_NL__2PRFIN20080802_032953_000000392070_00462_33582_2334.N1	02-AUG-2008 03:29:53	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	33582	No
45	GOM_NL__2PRFIN20080802_033121_000000362070_00462_33582_2335.N1	02-AUG-2008 03:31:21	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33582	No
46	GOM_NL__2PRFIN20080802_033826_000000392070_00462_33582_2336.N1	02-AUG-2008 03:38:26	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	33582	No
47	GOM_NL__2PRFIN20080802_034025_000000362070_00462_33582_2337.N1	02-AUG-2008 03:40:25	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33582	No
48	GOM_NL__2PRFIN20080802_034215_000000362070_00462_33582_2338.N1	02-AUG-2008 03:42:15	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	33582	No
49	GOM_NL__2PRFIN20080802_035255_000000362070_00462_33582_2339.N1	02-AUG-2008 03:52:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33582	No
50	GOM_NL__2PRFIN20080802_040536_000000432070_00462_33582_2340.N1	02-AUG-2008 04:05:36	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	33582	No
51	GOM_NL__2PRFIN20080802_040803_000000342070_00462_33582_2341.N1	02-AUG-2008 04:08:03	Bright	33.500	107	37The Aur	2.6490	11000.	67	33582	No
52	GOM_NL__2PRFIN20080802_041052_000000442070_00462_33582_2342.N1	02-AUG-2008 04:10:52	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	33582	No
53	GOM_NL__2PRFIN20080802_041258_000000412070_00462_33582_2343.N1	02-AUG-2008 04:12:58	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	33582	No
54	GOM_NL__2PRFIN20080802_041639_000000522070_00462_33582_2344.N1	02-AUG-2008 04:16:39	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	33582	No
55	GOM_NL__2PRFIN20080802_041926_000000412070_00462_33582_2345.N1	02-AUG-2008 04:19:26	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33582	No
56	GOM_NL__2PRFIN20080802_042156_000000412070_00462_33582_2346.N1	02-AUG-2008 04:21:56	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	33582	No
57	GOM_NL__2PRFIN20080802_042406_000000372070_00462_33582_2347.N1	02-AUG-2008 04:24:06	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	33582	No
58	GOM_NL__2PRFIN20080802_042817_000000392070_00462_33582_2348.N1	02-AUG-2008 04:28:17	Dark	38.500	108	Alp Col	2.6520	15200.	77	33582	No
59	GOM_NL__2PRFIN20080802_044132_000000532070_00463_33583_2351.N1	02-AUG-2008 04:41:32	Dark	53.000	9	Alp Eri	0.45300	24000.	106	33583	No
60	GOM_NL__2PRFIN20080802_044321_000000372070_00463_33583_2352.N1	02-AUG-2008 04:43:21	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33583	No
61	GOM_NL__2PRFIN20080802_044818_000000462070_00463_33583_2353.N1	02-AUG-2008 04:48:18	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	33583	No
62	GOM_NL__2PRFIN20080802_045140_000000442070_00463_33583_2354.N1	02-AUG-2008 04:51:40	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33583	No
63	GOM_NL__2PRFIN20080802_045951_000000372070_00463_33583_2355.N1	02-AUG-2008 04:59:51	Bright	36.500	103	38Zet Sgr	2.6000	9700.0	73	33583	No
64	GOM_NL__2PRFIN20080802_050210_000000362070_00463_33583_2356.N1	02-AUG-2008 05:02:10	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	33583	No
65	GOM_NL__2PRFIN20080802_051029_000000402070_00463_33583_2357.N1	02-AUG-2008 05:10:29	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	33583	No
66	GOM_NL__2PRFIN20080802_051157_000000362070_00463_33583_2358.N1	02-AUG-2008 05:11:57	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33583	No
67	GOM_NL__2PRFIN20080802_051902_000000382070_00463_33583_2359.N1	02-AUG-2008 05:19:02	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	33583	No
68	GOM_NL__2PRFIN20080802_052101_000000372070_00463_33583_2360.N1	02-AUG-2008 05:21:01	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	33583	No
69	GOM_NL__2PRFIN20080802_052251_000000362070_00463_33583_2361.N1	02-AUG-2008 05:22:51	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	33583	No
70	GOM_NL__2PRFIN20080802_053331_000000352070_00463_33583_2362.N1	02-AUG-2008 05:33:31	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33583	No
71	GOM_NL__2PRFIN20080802_054612_000000442070_00463_33583_2363.N1	02-AUG-2008 05:46:12	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	33583	No
72	GOM_NL__2PRFIN20080802_054839_000000352070_00463_33583_2364.N1	02-AUG-2008 05:48:39	Bright	34.500	107	37The Aur	2.6490	11000.	69	33583	No
73	GOM_NL__2PRFIN20080802_055129_000000442070_00463_33583_2365.N1	02-AUG-2008 05:51:29	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33583	No
74	GOM_NL__2PRFIN20080802_055335_000000392070_00463_33583_2366.N1	02-AUG-2008 05:53:35	Twilight	38.500	176	23Zet Tau	3.0200	22000.	77	33583	No
75	GOM_NL__2PRFIN20080802_055715_000000472070_00463_33583_2367.N1	02-AUG-2008 05:57:15	Dark	47.000	14	58Alp Ori	0.87000	3000.0	94	33583	No
76	GOM_NL__2PRFIN20080802_060003_000000352070_00463_33583_2368.N1	02-AUG-2008 06:00:03	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	33583	No
77	GOM_NL__2PRFIN20080802_060233_000000382070_00463_33583_2369.N1	02-AUG-2008 06:02:33	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	33583	No
78	GOM_NL__2PRFIN20080802_060442_000000372070_00463_33583_2370.N1	02-AUG-2008 06:04:42	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	33583	No
79	GOM_NL__2PRFIN20080802_060853_000000382070_00463_33583_2371.N1	02-AUG-2008 06:08:53	Dark	38.000	108	Alp Col	2.6520	15200.	76	33583	No
80	GOM_NL__2PRFIN20080802_062208_000000422070_00464_33584_2369.N1	02-AUG-2008 06:22:08	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33584	No
81	GOM_NL__2PRFIN20080802_062358_000000382070_00464_33584_2370.N1	02-AUG-2008 06:23:58	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33584	No
82	GOM_NL__2PRFIN20080802_062854_000000402070_00464_33584_2371.N1	02-AUG-2008 06:28:54	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33584	No
83	GOM_NL__2PRFIN20080802_063217_000000442070_00464_33584_2372.N1	02-AUG-2008 06:32:17	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33584	No
84	GOM_NL__2PRFIN20080802_064246_000000372070_00464_33584_2373.N1	02-AUG-2008 06:42:46	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33584	No
85	GOM_NL__2PRFIN20080802_065105_000000402070_00464_33584_2374.N1	02-AUG-2008 06:51:05	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	33584	No
86	GOM_NL__2PRFIN20080802_065233_000000362070_00464_33584_2375.N1	02-AUG-2008 06:52:33	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33584	No
87	GOM_NL__2PRFIN20080802_065938_000000342070_00464_33584_2376.N1	02-AUG-2008 06:59:38	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33584	No
88	GOM_NL__2PRFIN20080802_070137_000000362070_00464_33584_2377.N1	02-AUG-2008 07:01:37	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33584	No
89	GOM_NL__2PRFIN20080802_070327_000000392070_00464_33584_2378.N1	02-AUG-2008 07:03:27	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33584	No
90	GOM_NL__2PRFIN20080802_071407_000000342070_00464_33584_2379.N1	02-AUG-2008 07:14:07	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33584	No
91	GOM_NL__2PRFIN20080802_072648_000000422070_00464_33584_2380.N1	02-AUG-2008 07:26:48	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	33584	No
92	GOM_NL__2PRFIN20080802_072915_000000352070_00464_33584_2381.N1	02-AUG-2008 07:29:15	Bright	34.500	107	37The Aur	2.6490	11000.	69	33584	No
93	GOM_NL__2PRFIN20080802_073205_000000562070_00464_33584_2382.N1	02-AUG-2008 07:32:05	Bright	56.000	28	12Bet Tau	1.6500	15200.	112	33584	No
94	GOM_NL__2PRFIN20080802_073411_000000402070_00464_33584_2383.N1	02-AUG-2008 07:34:11	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	33584	No
95	GOM_NL__2PRFIN20080802_073752_000000372070_00464_33584_2384.N1	02-AUG-2008 07:37:52	Dark	37.000	14	58Alp Ori	0.87000	3000.0	74	33584	No
96	GOM_NL__2PRFIN20080802_074039_000000362070_00464_33584_2385.N1	02-AUG-2008 07:40:39	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	33584	No
97	GOM_NL__2PRFIN20080802_074309_000000472070_00464_33584_2386.N1	02-AUG-2008 07:43:09	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	33584	No
98	GOM_NL__2PRFIN20080802_074519_000000432070_00464_33584_2387.N1	02-AUG-2008 07:45:19	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33584	No
99	GOM_NL__2PRFIN20080802_074930_000000402070_00464_33584_2388.N1	02-AUG-2008 07:49:30	Dark	40.000	108	Alp Col	2.6520	15200.	80	33584	No
100	GOM_NL__2PRFIN20080802_080245_000000442070_00465_33585_2404.N1	02-AUG-2008 08:02:45	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33585	No
101	GOM_NL__2PRFIN20080802_080434_000000372070_00465_33585_2405.N1	02-AUG-2008 08:04:34	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33585	No

102	GOM_NL__2PRFIN20080802_080930_000000422070_00465_33585_2406.N1	02-AUG-2008 08:09:30	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33585	No
103	GOM_NL__2PRFIN20080802_081253_000000472070_00465_33585_2407.N1	02-AUG-2008 08:12:53	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	33585	No
104	GOM_NL__2PRFIN20080802_082322_000000372070_00465_33585_2408.N1	02-AUG-2008 08:23:22	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33585	No
105	GOM_NL__2PRFIN20080802_083141_000000402070_00465_33585_2409.N1	02-AUG-2008 08:31:41	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	33585	No
106	GOM_NL__2PRFIN20080802_083309_000000352070_00465_33585_2410.N1	02-AUG-2008 08:33:09	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33585	No
107	GOM_NL__2PRFIN20080802_084014_000000402070_00465_33585_2411.N1	02-AUG-2008 08:40:14	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	33585	No
108	GOM_NL__2PRFIN20080802_084213_000000362070_00465_33585_2412.N1	02-AUG-2008 08:42:13	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33585	No
109	GOM_NL__2PRFIN20080802_084403_000000372070_00465_33585_2413.N1	02-AUG-2008 08:44:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33585	No
110	GOM_NL__2PRFIN20080802_085443_000000342070_00465_33585_2414.N1	02-AUG-2008 08:54:43	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33585	No
111	GOM_NL__2PRFIN20080802_090724_000000432070_00465_33585_2415.N1	02-AUG-2008 09:07:24	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33585	No
112	GOM_NL__2PRFIN20080802_090951_000000352070_00465_33585_2416.N1	02-AUG-2008 09:09:51	Bright	34.500	107	37The Aur	2.6490	11000.	69	33585	No
113	GOM_NL__2PRFIN20080802_091241_000000442070_00465_33585_2417.N1	02-AUG-2008 09:12:41	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	33585	No
114	GOM_NL__2PRFIN20080802_091447_000000382070_00465_33585_2418.N1	02-AUG-2008 09:14:47	Tw_i_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	33585	No
115	GOM_NL__2PRFIN20080802_091828_000000352070_00465_33585_2419.N1	02-AUG-2008 09:18:28	Dark	35.000	14	58Alp Ori	0.87000	3000.0	70	33585	No
116	GOM_NL__2PRFIN20080802_092115_000000402070_00465_33585_2420.N1	02-AUG-2008 09:21:15	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	33585	No
117	GOM_NL__2PRFIN20080802_092346_000000522070_00465_33585_2421.N1	02-AUG-2008 09:23:46	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	33585	No
118	GOM_NL__2PRFIN20080802_092555_000000422070_00465_33585_2422.N1	02-AUG-2008 09:25:55	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33585	No
119	GOM_NL__2PRFIN20080802_093006_000000392070_00465_33585_2423.N1	02-AUG-2008 09:30:06	Dark	38.500	108	Alp Col	2.6520	15200.	77	33585	No
120	GOM_NL__2PRFIN20080802_094321_000000432070_00466_33586_2426.N1	02-AUG-2008 09:43:21	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33586	No
121	GOM_NL__2PRFIN20080802_094510_000000372070_00466_33586_2427.N1	02-AUG-2008 09:45:10	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33586	No
122	GOM_NL__2PRFIN20080802_095330_000000442070_00466_33586_2428.N1	02-AUG-2008 09:53:30	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33586	No
123	GOM_NL__2PRFIN20080802_100358_000000362070_00466_33586_2429.N1	02-AUG-2008 10:03:58	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	33586	No
124	GOM_NL__2PRFIN20080802_101216_000000402070_00466_33586_2430.N1	02-AUG-2008 10:12:16	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	33586	No
125	GOM_NL__2PRFIN20080802_101345_000000362070_00466_33586_2431.N1	02-AUG-2008 10:13:45	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33586	No
126	GOM_NL__2PRFIN20080802_102050_000000342070_00466_33586_2432.N1	02-AUG-2008 10:20:50	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33586	No
127	GOM_NL__2PRFIN20080802_102248_000000372070_00466_33586_2433.N1	02-AUG-2008 10:22:48	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33586	No
128	GOM_NL__2PRFIN20080802_102439_000000372070_00466_33586_2434.N1	02-AUG-2008 10:24:39	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33586	No
129	GOM_NL__2PRFIN20080802_103519_000000362070_00466_33586_2435.N1	02-AUG-2008 10:35:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33586	No
130	GOM_NL__2PRFIN20080802_104759_000000442070_00466_33586_2436.N1	02-AUG-2008 10:47:59	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	33586	No
131	GOM_NL__2PRFIN20080802_105027_000000362070_00466_33586_2437.N1	02-AUG-2008 10:50:27	Bright	35.500	107	37The Aur	2.6490	11000.	71	33586	No
132	GOM_NL__2PRFIN20080802_105317_000000432070_00466_33586_2438.N1	02-AUG-2008 10:53:17	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	33586	No
133	GOM_NL__2PRFIN20080802_105523_000000362070_00466_33586_2439.N1	02-AUG-2008 10:55:23	Tw_i_and_stray	36.000	176	23Zet Tau	3.0200	22000.	72	33586	No
134	GOM_NL__2PRFIN20080802_105904_000000362070_00466_33586_2440.N1	02-AUG-2008 10:59:04	Dark	36.000	14	58Alp Ori	0.87000	3000.0	72	33586	No
135	GOM_NL__2PRFIN20080802_110151_000000432070_00466_33586_2441.N1	02-AUG-2008 11:01:51	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	33586	No
136	GOM_NL__2PRFIN20080802_110422_000000502070_00466_33586_2442.N1	02-AUG-2008 11:04:22	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	33586	No
137	GOM_NL__2PRFIN20080802_110631_000000422070_00466_33586_2443.N1	02-AUG-2008 11:06:31	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33586	No
138	GOM_NL__2PRFIN20080802_111042_000000382070_00466_33586_2444.N1	02-AUG-2008 11:10:42	Dark	37.500	108	Alp Col	2.6520	15200.	75	33586	No
139	GOM_NL__2PRFIN20080802_112358_000000462070_00467_33587_2446.N1	02-AUG-2008 11:23:58	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33587	No
140	GOM_NL__2PRFIN20080802_112546_000000382070_00467_33587_2447.N1	02-AUG-2008 11:25:46	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33587	No
141	GOM_NL__2PRFIN20080802_113043_000000442070_00467_33587_2448.N1	02-AUG-2008 11:30:43	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33587	No
142	GOM_NL__2PRFIN20080802_113406_000000442070_00467_33587_2449.N1	02-AUG-2008 11:34:06	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33587	No
143	GOM_NL__2PRFIN20080802_114434_000000372070_00467_33587_2450.N1	02-AUG-2008 11:44:34	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33587	No
144	GOM_NL__2PRFIN20080802_115252_000000372070_00467_33587_2451.N1	02-AUG-2008 11:52:52	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33587	No
145	GOM_NL__2PRFIN20080802_115421_000000352070_00467_33587_2452.N1	02-AUG-2008 11:54:21	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33587	No
146	GOM_NL__2PRFIN20080802_120126_000000522070_00467_33587_2453.N1	02-AUG-2008 12:01:26	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	33587	No
147	GOM_NL__2PRFIN20080802_120324_000000362070_00467_33587_2454.N1	02-AUG-2008 12:03:24	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33587	No
148	GOM_NL__2PRFIN20080802_120516_000000382070_00467_33587_2455.N1	02-AUG-2008 12:05:16	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33587	No
149	GOM_NL__2PRFIN20080802_121555_000000372070_00467_33587_2456.N1	02-AUG-2008 12:15:55	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33587	No
150	GOM_NL__2PRFIN20080802_122835_000000422070_00467_33587_2457.N1	02-AUG-2008 12:28:35	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	33587	No
151	GOM_NL__2PRFIN20080802_123103_000000382070_00467_33587_2458.N1	02-AUG-2008 12:31:03	Bright	37.500	107	37The Aur	2.6490	11000.	75	33587	No
152	GOM_NL__2PRFIN20080802_123353_000000432070_00467_33587_2459.N1	02-AUG-2008 12:33:53	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	33587	No
153	GOM_NL__2PRFIN20080802_123559_000000382070_00467_33587_2460.N1	02-AUG-2008 12:35:59	Tw_i_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	33587	No
154	GOM_NL__2PRFIN20080802_123940_000000492070_00467_33587_2461.N1	02-AUG-2008 12:39:40	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	33587	No
155	GOM_NL__2PRFIN20080802_124228_000000412070_00467_33587_2462.N1	02-AUG-2008 12:42:28	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33587	No
156	GOM_NL__2PRFIN20080802_124458_000000412070_00467_33587_2463.N1	02-AUG-2008 12:44:58	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	33587	No
157	GOM_NL__2PRFIN20080802_124708_000000422070_00467_33587_2464.N1	02-AUG-2008 12:47:08	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33587	No
158	GOM_NL__2PRFIN20080802_125118_000000402070_00467_33587_2465.N1	02-AUG-2008 12:51:18	Dark	40.000	108	Alp Col	2.6520	15200.	80	33587	No
159	GOM_NL__2PRFIN20080802_130435_000000452070_00468_33588_2465.N1	02-AUG-2008 13:04:35	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33588	No
160	GOM_NL__2PRFIN20080802_130622_000000372070_00468_33588_2466.N1	02-AUG-2008 13:06:22	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33588	No

161	GOM_NL__2PRFIN20080802_131119_000000412070_00468_33588_2467.N1	02-AUG-2008 13:11:19	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33588	No
162	GOM_NL__2PRFIN20080802_131442_000000452070_00468_33588_2468.N1	02-AUG-2008 13:14:42	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	33588	No
163	GOM_NL__2PRFIN20080802_132510_000000362070_00468_33588_2469.N1	02-AUG-2008 13:25:10	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	33588	No
164	GOM_NL__2PRFIN20080802_133328_000000362070_00468_33588_2470.N1	02-AUG-2008 13:33:28	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	33588	No
165	GOM_NL__2PRFIN20080802_133457_000000342070_00468_33588_2471.N1	02-AUG-2008 13:34:57	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	33588	No
166	GOM_NL__2PRFIN20080802_134202_000000372070_00468_33588_2472.N1	02-AUG-2008 13:42:02	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	33588	No
167	GOM_NL__2PRFIN20080802_134400_000000372070_00468_33588_2473.N1	02-AUG-2008 13:44:00	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33588	No
168	GOM_NL__2PRFIN20080802_134552_000000382070_00468_33588_2474.N1	02-AUG-2008 13:45:52	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33588	No
169	GOM_NL__2PRFIN20080802_135631_000000352070_00468_33588_2475.N1	02-AUG-2008 13:56:31	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33588	No
170	GOM_NL__2PRFIN20080802_140911_000000402070_00468_33588_2476.N1	02-AUG-2008 14:09:11	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	33588	No
171	GOM_NL__2PRFIN20080802_141139_000000352070_00468_33588_2477.N1	02-AUG-2008 14:11:39	Bright	35.000	107	37The Aur	2.6490	11000.	70	33588	No
172	GOM_NL__2PRFIN20080802_141429_000000442070_00468_33588_2478.N1	02-AUG-2008 14:14:29	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33588	No
173	GOM_NL__2PRFIN20080802_141635_000000412070_00468_33588_2479.N1	02-AUG-2008 14:16:35	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	33588	No
174	GOM_NL__2PRFIN20080802_142016_000000532070_00468_33588_2480.N1	02-AUG-2008 14:20:16	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33588	No
175	GOM_NL__2PRFIN20080802_142304_000000412070_00468_33588_2481.N1	02-AUG-2008 14:23:04	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	33588	No
176	GOM_NL__2PRFIN20080802_142535_000000482070_00468_33588_2482.N1	02-AUG-2008 14:25:35	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	33588	No
177	GOM_NL__2PRFIN20080802_142744_000000432070_00468_33588_2483.N1	02-AUG-2008 14:27:44	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	33588	No
178	GOM_NL__2PRFIN20080802_143155_000000382070_00468_33588_2484.N1	02-AUG-2008 14:31:55	Dark	37.500	108	Alp Col	2.6520	15200.	75	33588	No
179	GOM_NL__2PRFIN20080802_144511_000000522070_00469_33589_2487.N1	02-AUG-2008 14:45:11	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33589	No
180	GOM_NL__2PRFIN20080802_144658_000000382070_00469_33589_2488.N1	02-AUG-2008 14:46:58	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33589	No
181	GOM_NL__2PRFIN20080802_145156_000000402070_00469_33589_2489.N1	02-AUG-2008 14:51:56	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33589	No
182	GOM_NL__2PRFIN20080802_145519_000000492070_00469_33589_2490.N1	02-AUG-2008 14:55:19	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	33589	No
183	GOM_NL__2PRFIN20080802_150547_000000372070_00469_33589_2491.N1	02-AUG-2008 15:05:47	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33589	No
184	GOM_NL__2PRFIN20080802_151404_000000362070_00469_33589_2492.N1	02-AUG-2008 15:14:04	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33589	No
185	GOM_NL__2PRFIN20080802_151533_000000362070_00469_33589_2493.N1	02-AUG-2008 15:15:33	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33589	No
186	GOM_NL__2PRFIN20080802_152238_000000342070_00469_33589_2494.N1	02-AUG-2008 15:22:38	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33589	No
187	GOM_NL__2PRFIN20080802_152436_000000362070_00469_33589_2495.N1	02-AUG-2008 15:24:36	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	33589	No
188	GOM_NL__2PRFIN20080802_152628_000000382070_00469_33589_2496.N1	02-AUG-2008 15:26:28	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33589	No
189	GOM_NL__2PRFIN20080802_153707_000000362070_00469_33589_2497.N1	02-AUG-2008 15:37:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33589	No
190	GOM_NL__2PRFIN20080802_154947_000000422070_00469_33589_2498.N1	02-AUG-2008 15:49:47	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	33589	No
191	GOM_NL__2PRFIN20080802_155215_000000532070_00469_33589_2499.N1	02-AUG-2008 15:52:15	Bright	53.000	107	37The Aur	2.6490	11000.	106	33589	No
192	GOM_NL__2PRFIN20080802_155505_000000432070_00469_33589_2500.N1	02-AUG-2008 15:55:05	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	33589	No
193	GOM_NL__2PRFIN20080802_155711_000000402070_00469_33589_2501.N1	02-AUG-2008 15:57:11	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	33589	No
194	GOM_NL__2PRFIN20080802_160052_000000452070_00469_33589_2502.N1	02-AUG-2008 16:00:52	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	33589	No
195	GOM_NL__2PRFIN20080802_160340_000000412070_00469_33589_2503.N1	02-AUG-2008 16:03:40	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	33589	No
196	GOM_NL__2PRFIN20080802_160611_000000542070_00469_33589_2504.N1	02-AUG-2008 16:06:11	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	33589	No
197	GOM_NL__2PRFIN20080802_160820_000000432070_00469_33589_2505.N1	02-AUG-2008 16:08:20	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33589	No
198	GOM_NL__2PRFIN20080802_161231_000000402070_00469_33589_2506.N1	02-AUG-2008 16:12:31	Dark	40.000	108	Alp Col	2.6520	15200.	80	33589	No
199	GOM_NL__2PRFIN20080802_162548_000000452070_00470_33590_2524.N1	02-AUG-2008 16:25:48	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33590	No
200	GOM_NL__2PRFIN20080802_162735_000000372070_00470_33590_2525.N1	02-AUG-2008 16:27:35	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33590	No
201	GOM_NL__2PRFIN20080802_163232_000000402070_00470_33590_2526.N1	02-AUG-2008 16:32:32	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33590	No
202	GOM_NL__2PRFIN20080802_163555_000000422070_00470_33590_2527.N1	02-AUG-2008 16:35:55	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33590	No
203	GOM_NL__2PRFIN20080802_164623_000000372070_00470_33590_2528.N1	02-AUG-2008 16:46:23	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33590	No
204	GOM_NL__2PRFIN20080802_165440_000000382070_00470_33590_2529.N1	02-AUG-2008 16:54:40	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33590	No
205	GOM_NL__2PRFIN20080802_165609_000000352070_00470_33590_2530.N1	02-AUG-2008 16:56:09	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33590	No
206	GOM_NL__2PRFIN20080802_170314_000000342070_00470_33590_2531.N1	02-AUG-2008 17:03:14	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	33590	No
207	GOM_NL__2PRFIN20080802_170511_000000382070_00470_33590_2532.N1	02-AUG-2008 17:05:11	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33590	No
208	GOM_NL__2PRFIN20080802_170704_000000362070_00470_33590_2533.N1	02-AUG-2008 17:07:04	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	33590	No
209	GOM_NL__2PRFIN20080802_171743_000000372070_00470_33590_2534.N1	02-AUG-2008 17:17:43	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33590	No
210	GOM_NL__2PRFIN20080802_173023_000000412070_00470_33590_2535.N1	02-AUG-2008 17:30:23	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33590	No
211	GOM_NL__2PRFIN20080802_173252_000000352070_00470_33590_2536.N1	02-AUG-2008 17:32:52	Bright	34.500	107	37The Aur	2.6490	11000.	69	33590	No
212	GOM_NL__2PRFIN20080802_173541_000000442070_00470_33590_2537.N1	02-AUG-2008 17:35:41	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	33590	No
213	GOM_NL__2PRFIN20080802_173748_000000382070_00470_33590_2538.N1	02-AUG-2008 17:37:48	Twi_and_stray	37.500	176	23Zet Tau	3.0200	22000.	75	33590	No
214	GOM_NL__2PRFIN20080802_174129_000000452070_00470_33590_2539.N1	02-AUG-2008 17:41:29	Dark	45.000	14	58Alp Ori	0.87000	3000.0	90	33590	No
215	GOM_NL__2PRFIN20080802_174416_000000442070_00470_33590_2540.N1	02-AUG-2008 17:44:16	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	33590	No
216	GOM_NL__2PRFIN20080802_174648_000000462070_00470_33590_2541.N1	02-AUG-2008 17:46:48	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	33590	No
217	GOM_NL__2PRFIN20080802_174857_000000422070_00470_33590_2542.N1	02-AUG-2008 17:48:57	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	33590	No
218	GOM_NL__2PRFIN20080802_175307_000000382070_00470_33590_2543.N1	02-AUG-2008 17:53:07	Dark	37.500	108	Alp Col	2.6520	15200.	75	33590	No
219	GOM_NL__2PRFIN20080802_180625_000000442070_00471_33591_2549.N1	02-AUG-2008 18:06:25	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33591	No

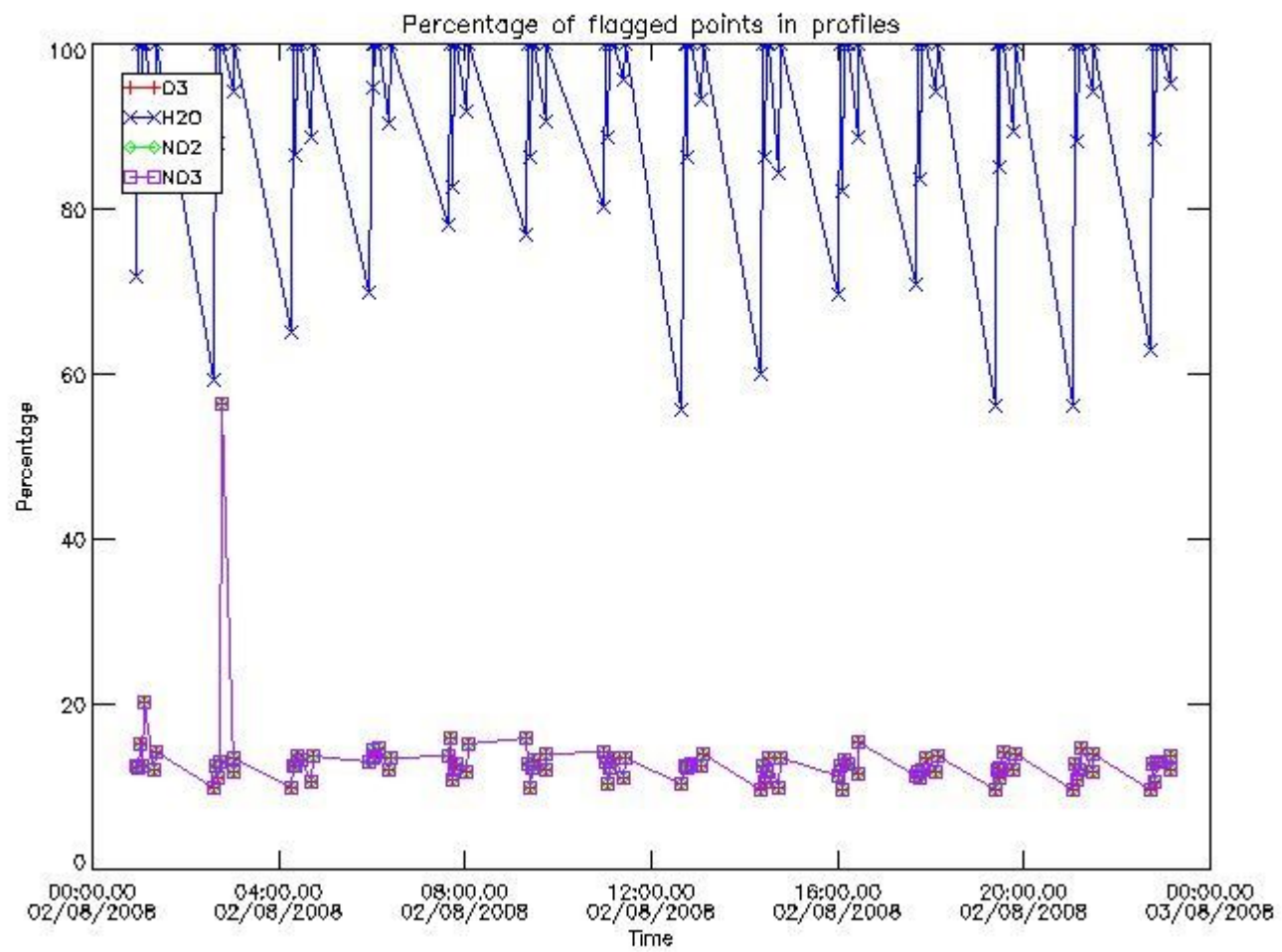
220	GOM_NL__2PRFIN20080802_180811_000000372070_00471_33591_2550.N1	02-AUG-2008 18:08:11	Dark	37.000	135	Bet Hyl	2.8200	5800.0	74	33591	No
221	GOM_NL__2PRFIN20080802_181308_000000402070_00471_33591_2551.N1	02-AUG-2008 18:13:08	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33591	No
222	GOM_NL__2PRFIN20080802_181632_000000442070_00471_33591_2552.N1	02-AUG-2008 18:16:32	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	33591	No
223	GOM_NL__2PRFIN20080802_182659_000000362070_00471_33591_2553.N1	02-AUG-2008 18:26:59	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	33591	No
224	GOM_NL__2PRFIN20080802_183516_000000372070_00471_33591_2554.N1	02-AUG-2008 18:35:16	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33591	No
225	GOM_NL__2PRFIN20080802_183645_000000352070_00471_33591_2555.N1	02-AUG-2008 18:36:45	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33591	No
226	GOM_NL__2PRFIN20080802_184350_000000362070_00471_33591_2556.N1	02-AUG-2008 18:43:50	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	33591	No
227	GOM_NL__2PRFIN20080802_184547_000000372070_00471_33591_2557.N1	02-AUG-2008 18:45:47	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33591	No
228	GOM_NL__2PRFIN20080802_184740_000000382070_00471_33591_2558.N1	02-AUG-2008 18:47:40	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33591	No
229	GOM_NL__2PRFIN20080802_185818_000000372070_00471_33591_2559.N1	02-AUG-2008 18:58:18	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33591	No
230	GOM_NL__2PRFIN20080802_191059_000000412070_00471_33591_2560.N1	02-AUG-2008 19:10:59	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33591	No
231	GOM_NL__2PRFIN20080802_191328_000000352070_00471_33591_2561.N1	02-AUG-2008 19:13:28	Bright	34.500	107	37The Aur	2.6490	11000.	69	33591	No
232	GOM_NL__2PRFIN20080802_191617_000000452070_00471_33591_2562.N1	02-AUG-2008 19:16:17	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	33591	No
233	GOM_NL__2PRFIN20080802_191823_000000402070_00471_33591_2563.N1	02-AUG-2008 19:18:23	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	33591	No
234	GOM_NL__2PRFIN20080802_192205_000000532070_00471_33591_2564.N1	02-AUG-2008 19:22:05	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33591	No
235	GOM_NL__2PRFIN20080802_192453_000000432070_00471_33591_2565.N1	02-AUG-2008 19:24:53	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	33591	No
236	GOM_NL__2PRFIN20080802_192724_000000512070_00471_33591_2566.N1	02-AUG-2008 19:27:24	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	33591	No
237	GOM_NL__2PRFIN20080802_192933_000000422070_00471_33591_2567.N1	02-AUG-2008 19:29:33	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33591	No
238	GOM_NL__2PRFIN20080802_193343_000000402070_00471_33591_2568.N1	02-AUG-2008 19:33:43	Dark	39.500	108	Alp Col	2.6520	15200.	79	33591	No
239	GOM_NL__2PRFIN20080802_194701_000000432070_00472_33592_2570.N1	02-AUG-2008 19:47:01	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33592	No
240	GOM_NL__2PRFIN20080802_194847_000000372070_00472_33592_2571.N1	02-AUG-2008 19:48:47	Dark	36.500	135	Bet Hyl	2.8200	5800.0	73	33592	No
241	GOM_NL__2PRFIN20080802_195345_000000392070_00472_33592_2572.N1	02-AUG-2008 19:53:45	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33592	No
242	GOM_NL__2PRFIN20080802_195708_000000442070_00472_33592_2573.N1	02-AUG-2008 19:57:08	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33592	No
243	GOM_NL__2PRFIN20080802_200735_000000382070_00472_33592_2574.N1	02-AUG-2008 20:07:35	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33592	No
244	GOM_NL__2PRFIN20080802_201552_000000382070_00472_33592_2575.N1	02-AUG-2008 20:15:52	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	33592	No
245	GOM_NL__2PRFIN20080802_201721_000000362070_00472_33592_2576.N1	02-AUG-2008 20:17:21	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33592	No
246	GOM_NL__2PRFIN20080802_202426_000000342070_00472_33592_2577.N1	02-AUG-2008 20:24:26	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	33592	No
247	GOM_NL__2PRFIN20080802_202623_000000372070_00472_33592_2578.N1	02-AUG-2008 20:26:23	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	33592	No
248	GOM_NL__2PRFIN20080802_202816_000000392070_00472_33592_2579.N1	02-AUG-2008 20:28:16	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33592	No
249	GOM_NL__2PRFIN20080802_203854_000000372070_00472_33592_2580.N1	02-AUG-2008 20:38:54	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33592	No
250	GOM_NL__2PRFIN20080802_205135_000000432070_00472_33592_2581.N1	02-AUG-2008 20:51:35	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33592	No
251	GOM_NL__2PRFIN20080802_205404_000000342070_00472_33592_2582.N1	02-AUG-2008 20:54:04	Bright	34.000	107	37The Aur	2.6490	11000.	68	33592	No
252	GOM_NL__2PRFIN20080802_205653_000000462070_00472_33592_2583.N1	02-AUG-2008 20:56:53	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	33592	No
253	GOM_NL__2PRFIN20080802_205900_000000412070_00472_33592_2584.N1	02-AUG-2008 20:59:00	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	33592	No
254	GOM_NL__2PRFIN20080802_210241_000000532070_00472_33592_2585.N1	02-AUG-2008 21:02:41	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33592	No
255	GOM_NL__2PRFIN20080802_210529_000000442070_00472_33592_2586.N1	02-AUG-2008 21:05:29	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	33592	No
256	GOM_NL__2PRFIN20080802_210801_000000482070_00472_33592_2587.N1	02-AUG-2008 21:08:01	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	33592	No
257	GOM_NL__2PRFIN20080802_211009_000000432070_00472_33592_2588.N1	02-AUG-2008 21:10:09	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33592	No
258	GOM_NL__2PRFIN20080802_211420_000000382070_00472_33592_2589.N1	02-AUG-2008 21:14:20	Dark	38.000	108	Alp Col	2.6520	15200.	76	33592	No
259	GOM_NL__2PRFIN20080802_212738_000000432070_00473_33593_2590.N1	02-AUG-2008 21:27:38	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33593	No
260	GOM_NL__2PRFIN20080802_212923_000000372070_00473_33593_2591.N1	02-AUG-2008 21:29:23	Dark	36.500	135	Bet Hyl	2.8200	5800.0	73	33593	No
261	GOM_NL__2PRFIN20080802_213421_000000492070_00473_33593_2592.N1	02-AUG-2008 21:34:21	Straylight	48.500	148	Alp Tuc	2.8780	4100.0	97	33593	No
262	GOM_NL__2PRFIN20080802_213745_000000442070_00473_33593_2593.N1	02-AUG-2008 21:37:45	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33593	No
263	GOM_NL__2PRFIN20080802_214811_000000372070_00473_33593_2594.N1	02-AUG-2008 21:48:11	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33593	No
264	GOM_NL__2PRFIN20080802_215627_000000372070_00473_33593_2595.N1	02-AUG-2008 21:56:27	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	33593	No
265	GOM_NL__2PRFIN20080802_215757_000000342070_00473_33593_2596.N1	02-AUG-2008 21:57:57	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33593	No
266	GOM_NL__2PRFIN20080802_220502_000000342070_00473_33593_2597.N1	02-AUG-2008 22:05:02	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33593	No
267	GOM_NL__2PRFIN20080802_220659_000000352070_00473_33593_2598.N1	02-AUG-2008 22:06:59	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	33593	No
268	GOM_NL__2PRFIN20080802_220852_000000392070_00473_33593_2599.N1	02-AUG-2008 22:08:52	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33593	No
269	GOM_NL__2PRFIN20080802_221930_000000372070_00473_33593_2600.N1	02-AUG-2008 22:19:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33593	No
270	GOM_NL__2PRFIN20080802_223211_000000442070_00473_33593_2601.N1	02-AUG-2008 22:32:11	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	33593	No
271	GOM_NL__2PRFIN20080802_223440_000000392070_00473_33593_2602.N1	02-AUG-2008 22:34:40	Bright	38.500	107	37The Aur	2.6490	11000.	77	33593	No
272	GOM_NL__2PRFIN20080802_223729_000000442070_00473_33593_2603.N1	02-AUG-2008 22:37:29	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	33593	No
273	GOM_NL__2PRFIN20080802_223936_000000422070_00473_33593_2604.N1	02-AUG-2008 22:39:36	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	33593	No
274	GOM_NL__2PRFIN20080802_224317_000000532070_00473_33593_2605.N1	02-AUG-2008 22:43:17	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33593	No
275	GOM_NL__2PRFIN20080802_224605_000000402070_00473_33593_2606.N1	02-AUG-2008 22:46:05	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	33593	No
276	GOM_NL__2PRFIN20080802_224837_000000492070_00473_33593_2607.N1	02-AUG-2008 22:48:37	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	33593	No
277	GOM_NL__2PRFIN20080802_225046_000000392070_00473_33593_2608.N1	02-AUG-2008 22:50:46	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	33593	No
278	GOM_NL__2PRFIN20080802_225456_000000402070_00473_33593_2609.N1	02-AUG-2008 22:54:56	Dark	39.500	108	Alp Col	2.6520	15200.	79	33593	No

279	GOM_NL__2PRFIN20080802_230814_000000432070_00474_33594_2661.N1	02-AUG-2008 23:08:14	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33594	No
280	GOM_NL__2PRFIN20080802_230959_000000372070_00474_33594_2662.N1	02-AUG-2008 23:09:59	Dark	37.000	135	Bet Hyl	2.8200	5800.0	74	33594	No
281	GOM_NL__2PRFIN20080802_231457_000000422070_00474_33594_2663.N1	02-AUG-2008 23:14:57	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33594	No
282	GOM_NL__2PRFIN20080802_231821_000000492070_00474_33594_2664.N1	02-AUG-2008 23:18:21	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	33594	No
283	GOM_NL__2PRFIN20080802_232847_000000372070_00474_33594_2665.N1	02-AUG-2008 23:28:47	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33594	No
284	GOM_NL__2PRFIN20080802_233703_000000372070_00474_33594_2666.N1	02-AUG-2008 23:37:03	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33594	No
285	GOM_NL__2PRFIN20080802_233832_000000352070_00474_33594_2667.N1	02-AUG-2008 23:38:32	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33594	No
286	GOM_NL__2PRFIN20080802_234538_000000362070_00474_33594_2668.N1	02-AUG-2008 23:45:38	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	33594	No
287	GOM_NL__2PRFIN20080802_234734_000000352070_00474_33594_2669.N1	02-AUG-2008 23:47:34	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	33594	No
288	GOM_NL__2PRFIN20080802_234928_000000342070_00474_33594_2670.N1	02-AUG-2008 23:49:28	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	33594	No

3. Quality information per product

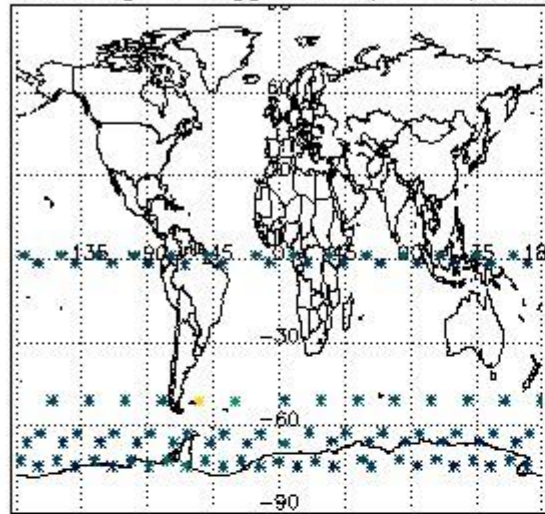
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

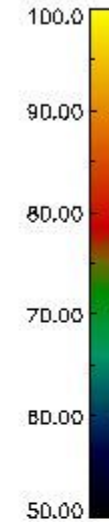
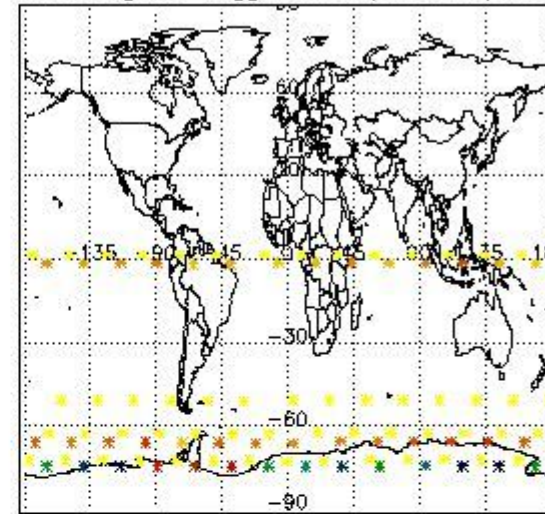


3.2 Plot quality information per product (world map)

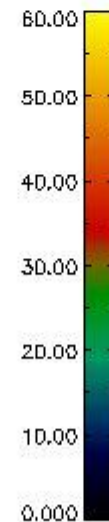
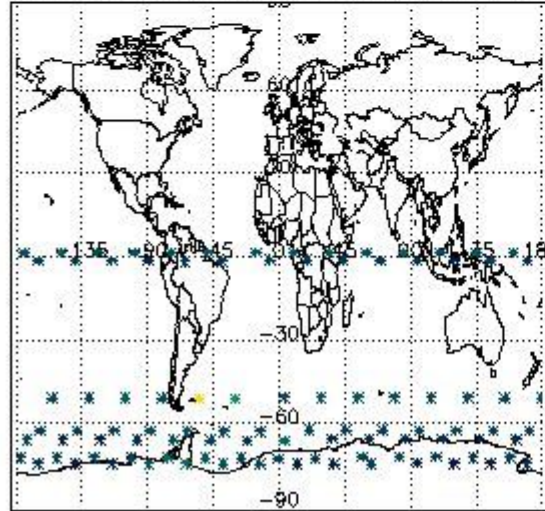
Percentage of flagged data per O3 profile



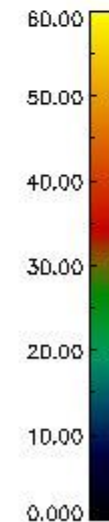
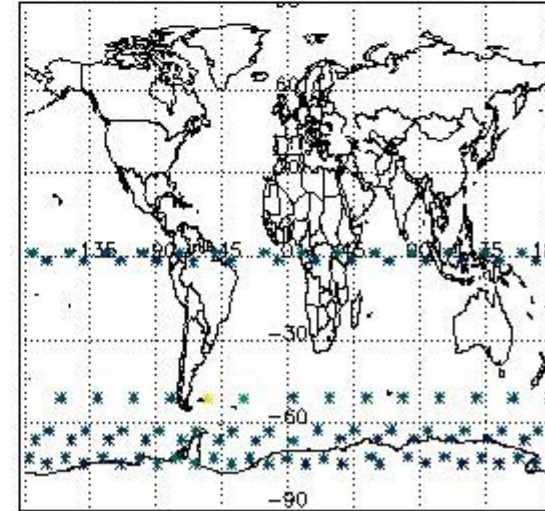
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

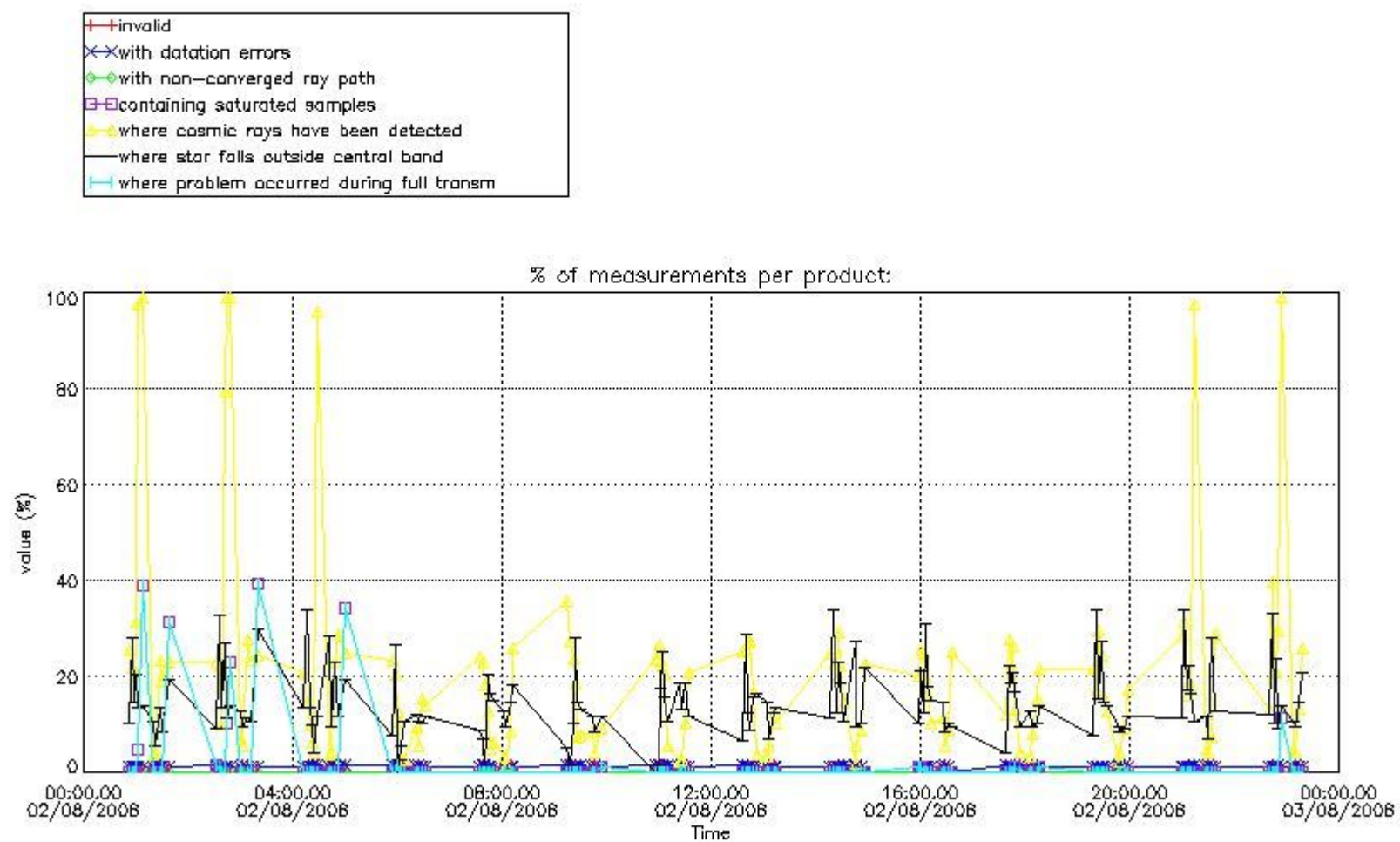


4. Level 1 quality information per product

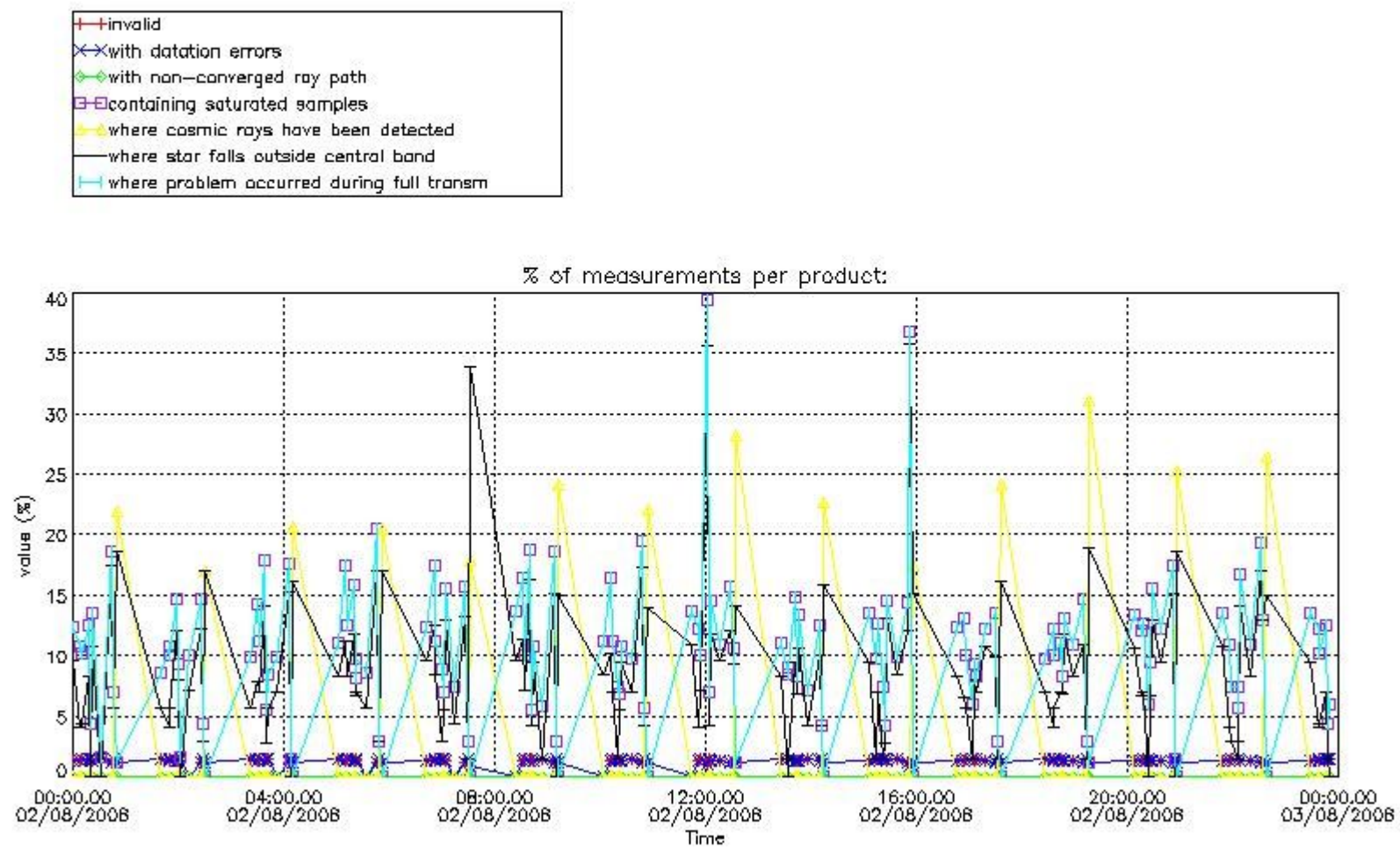
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

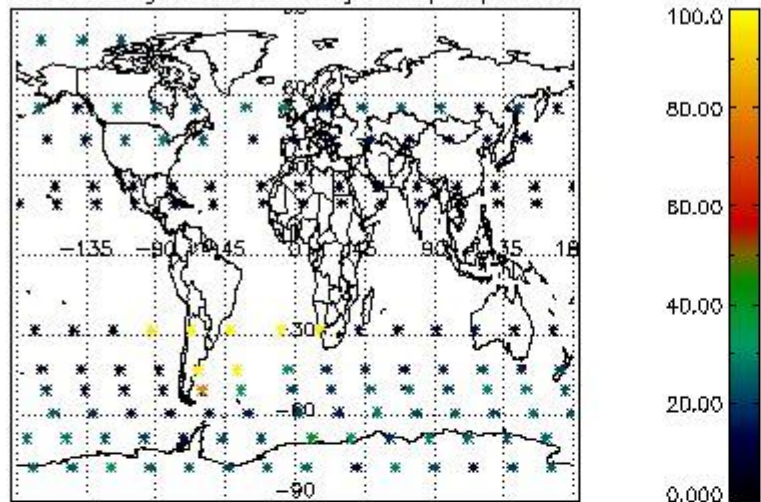


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

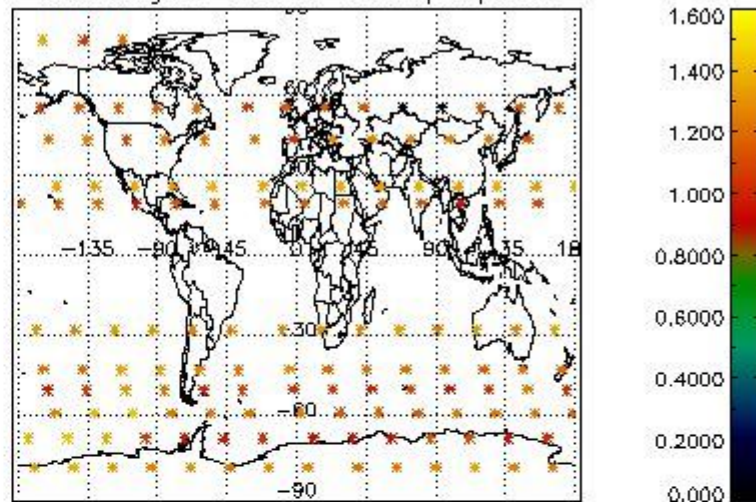


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

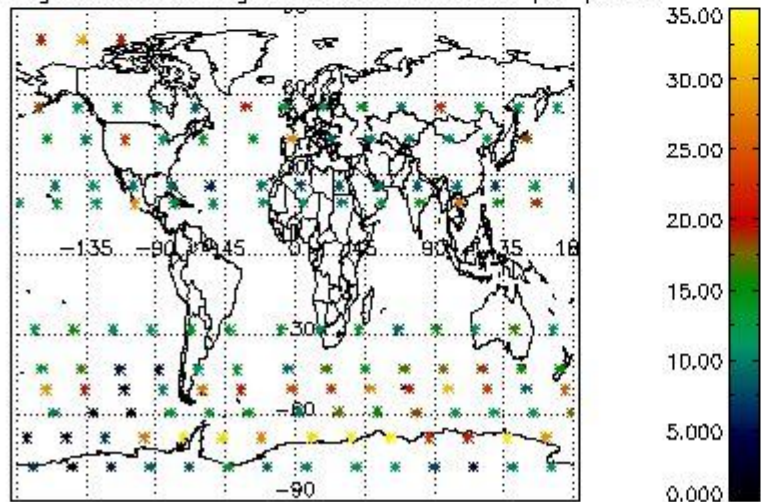
Percentage of cosmic ray hits per profile



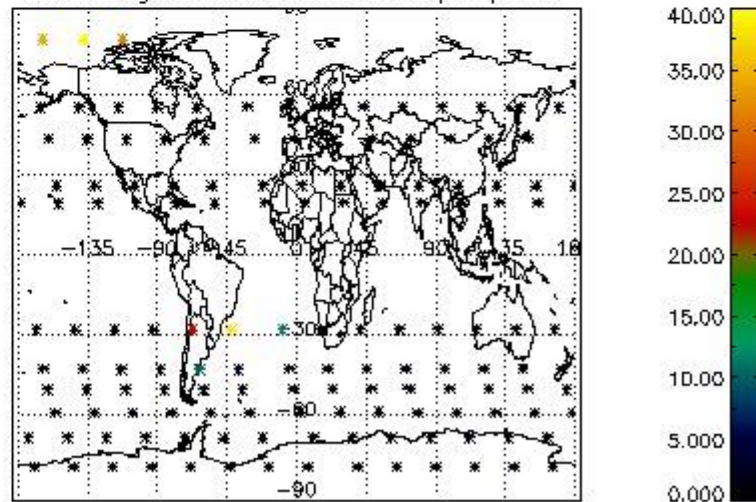
Percentage of datation errors per profile



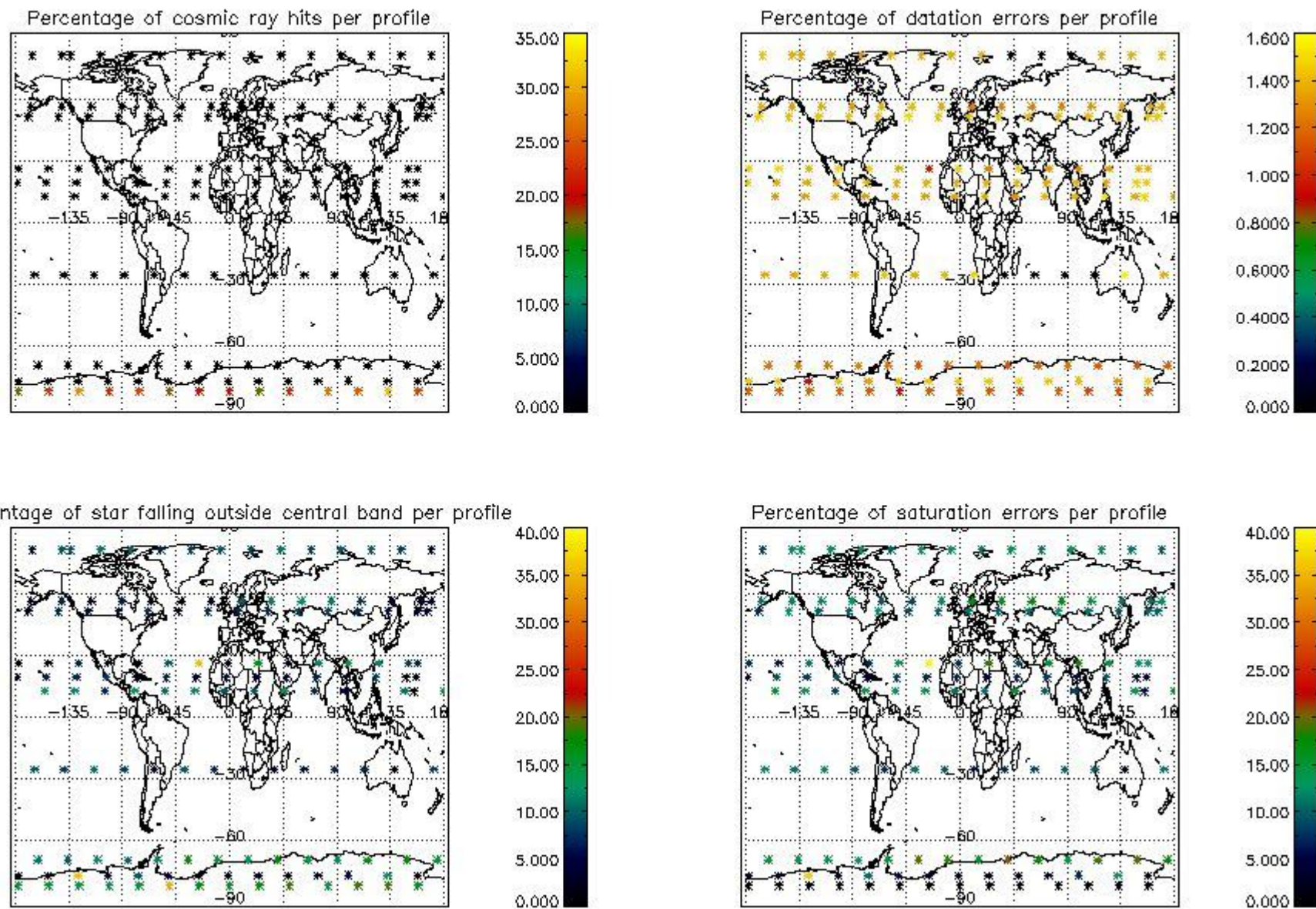
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

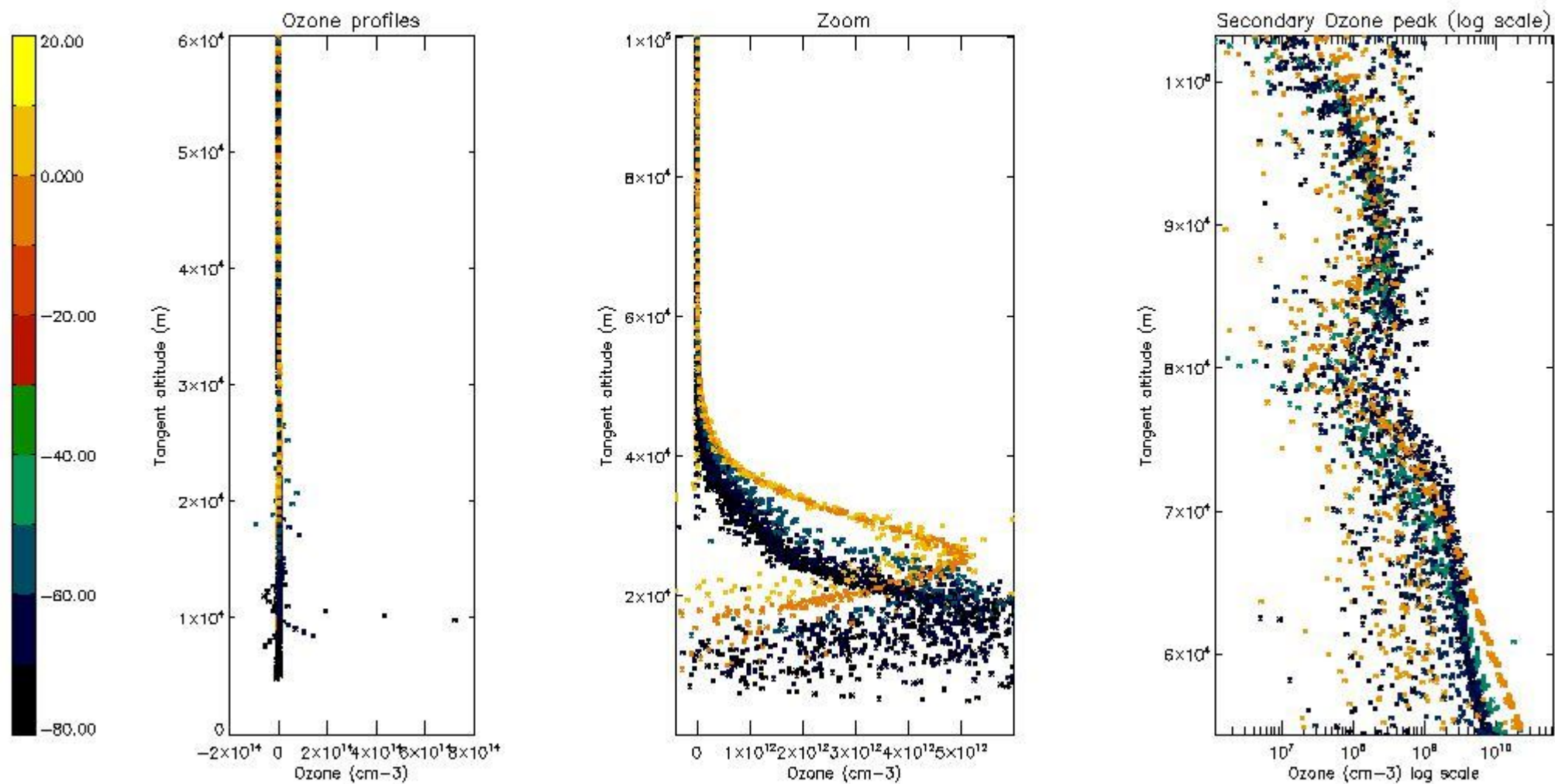
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	19

STD < 10	14
STD < 5	10

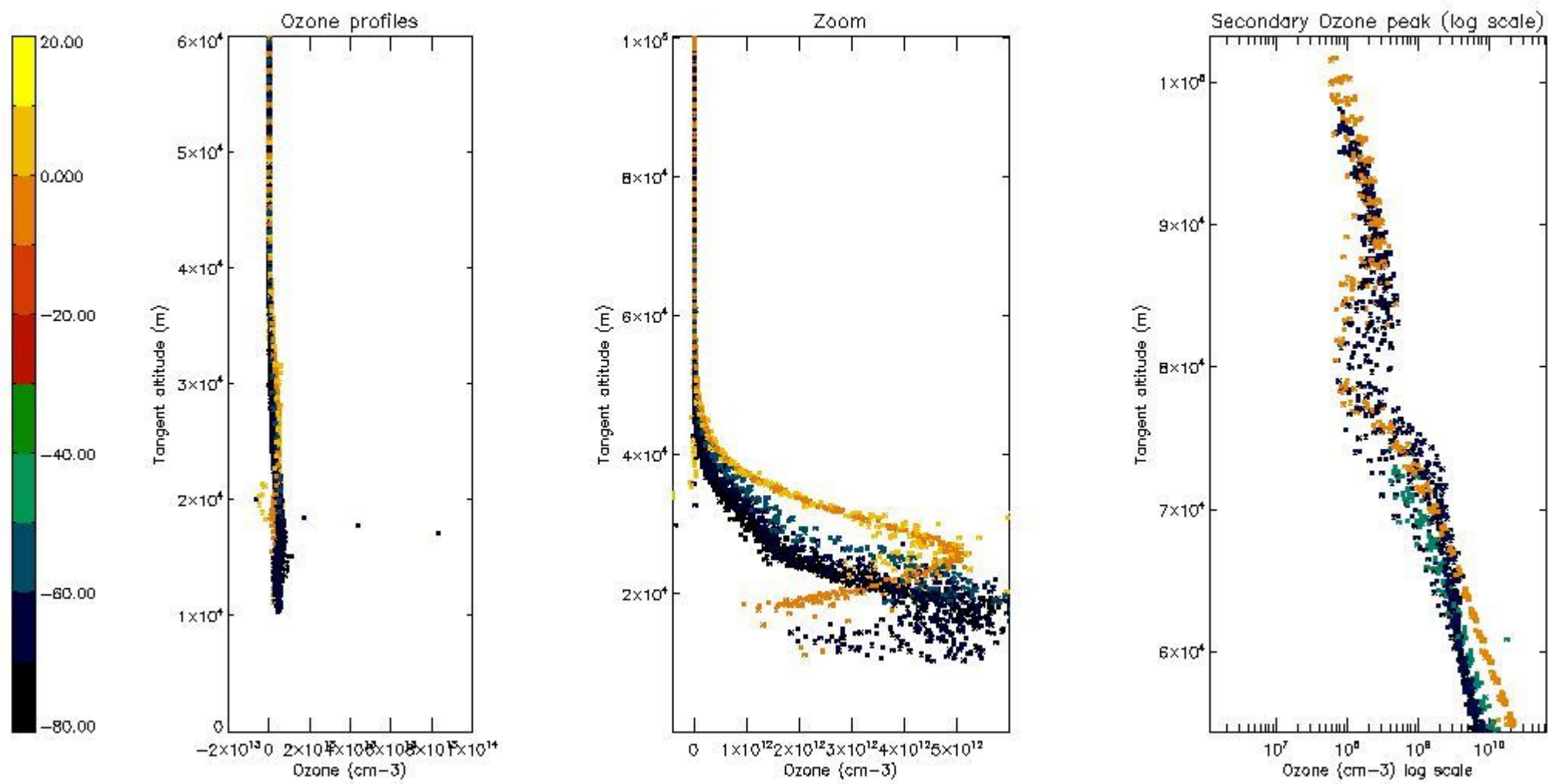
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



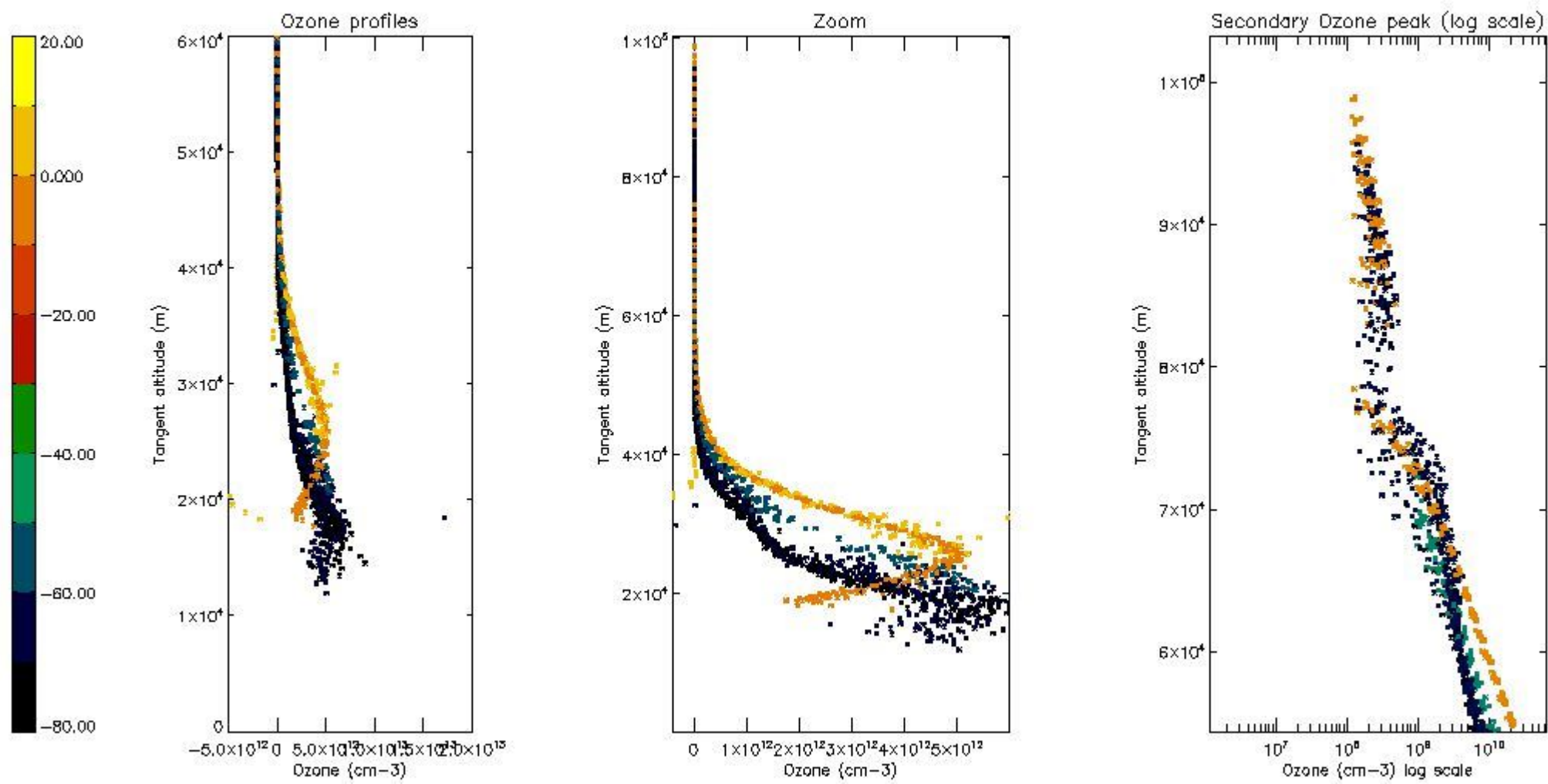
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



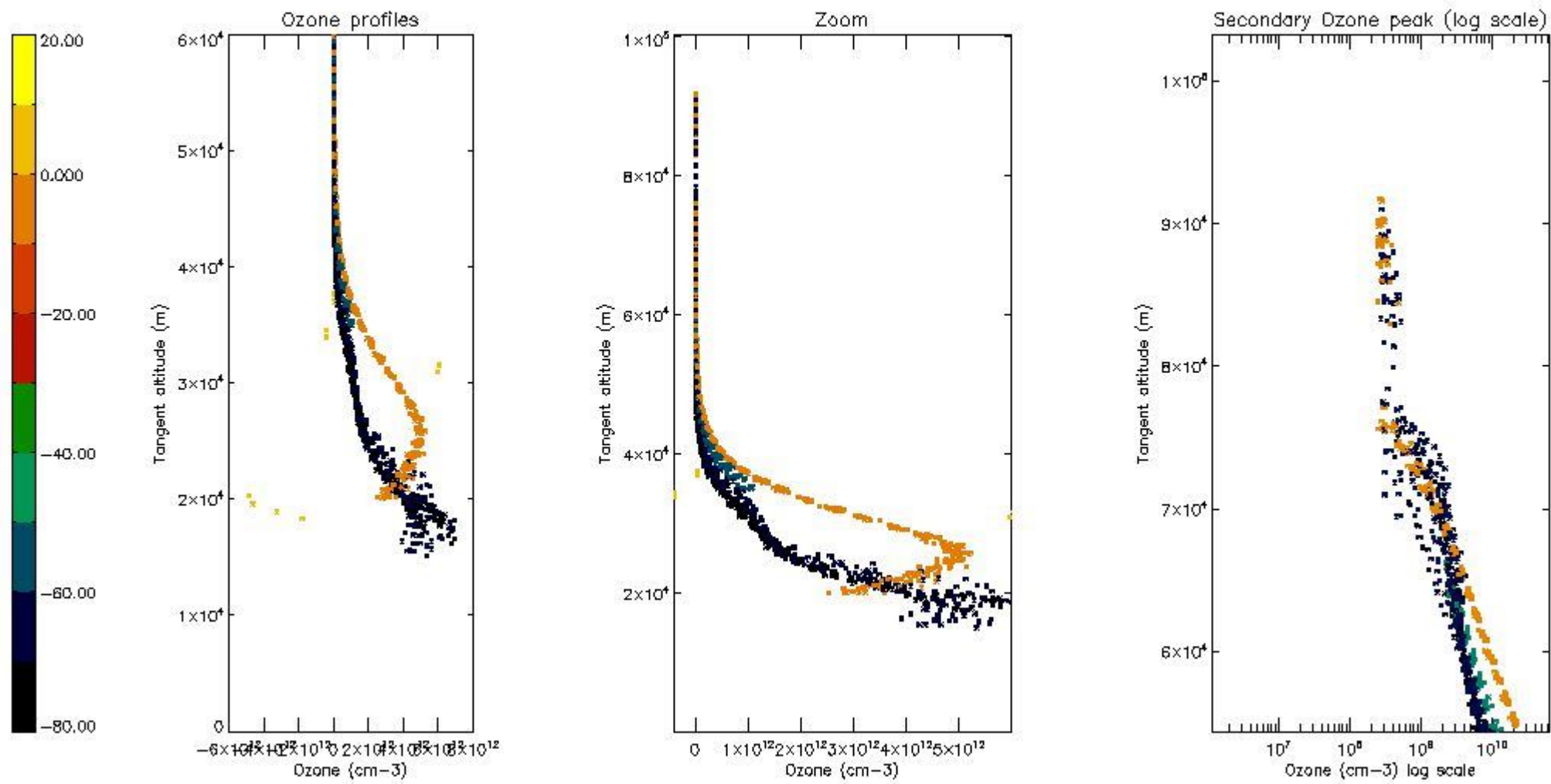
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



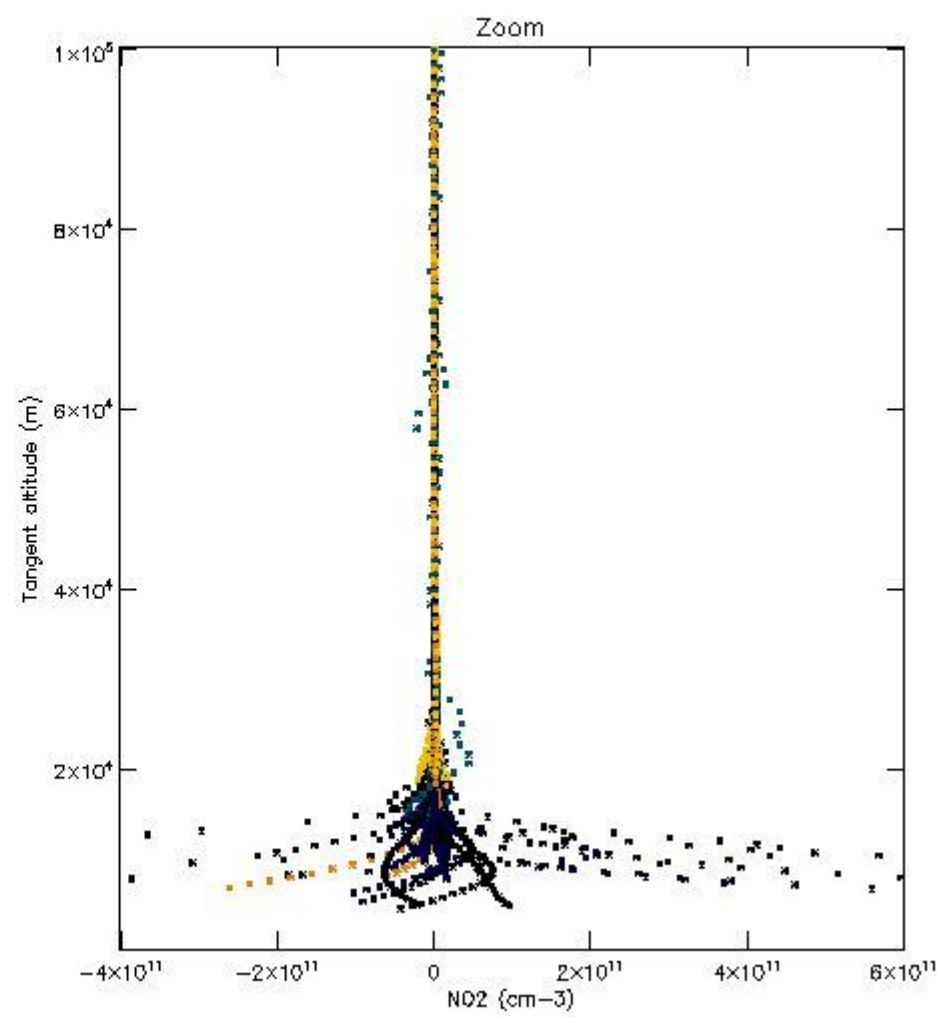
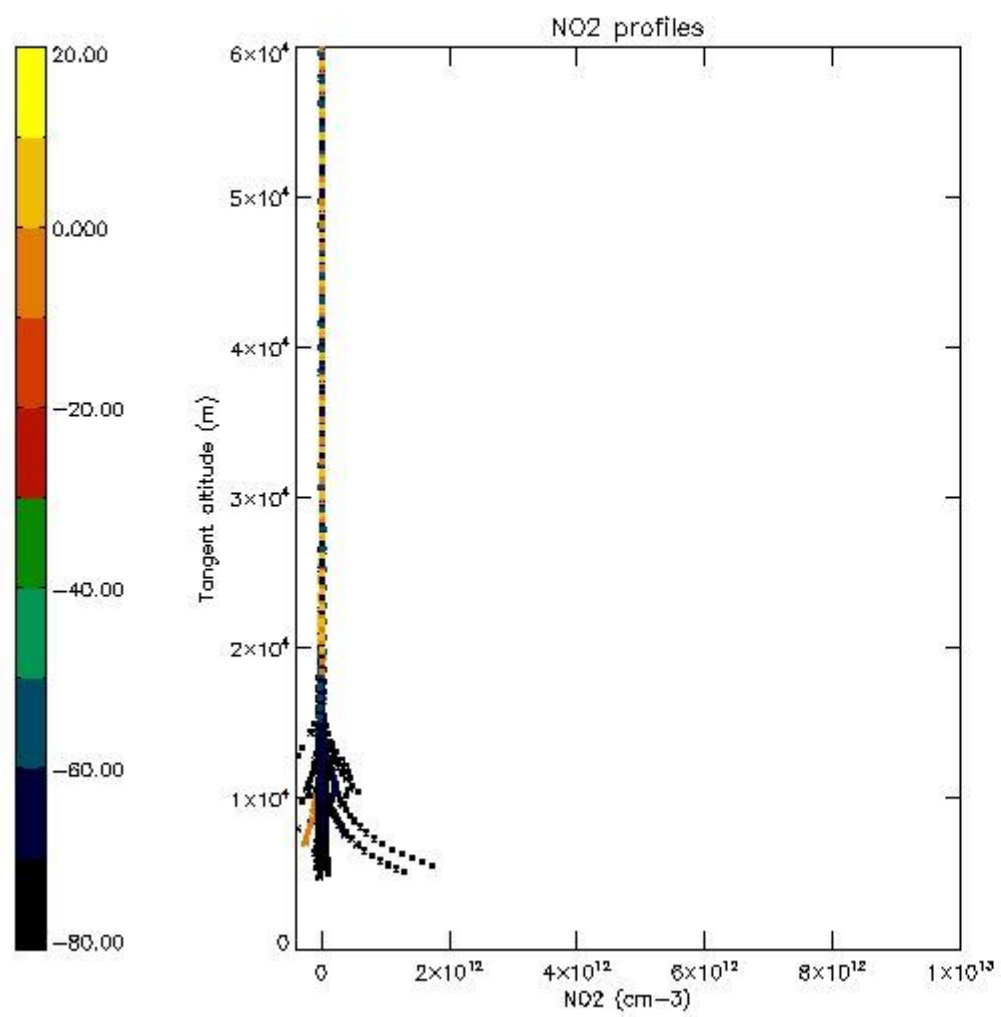
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



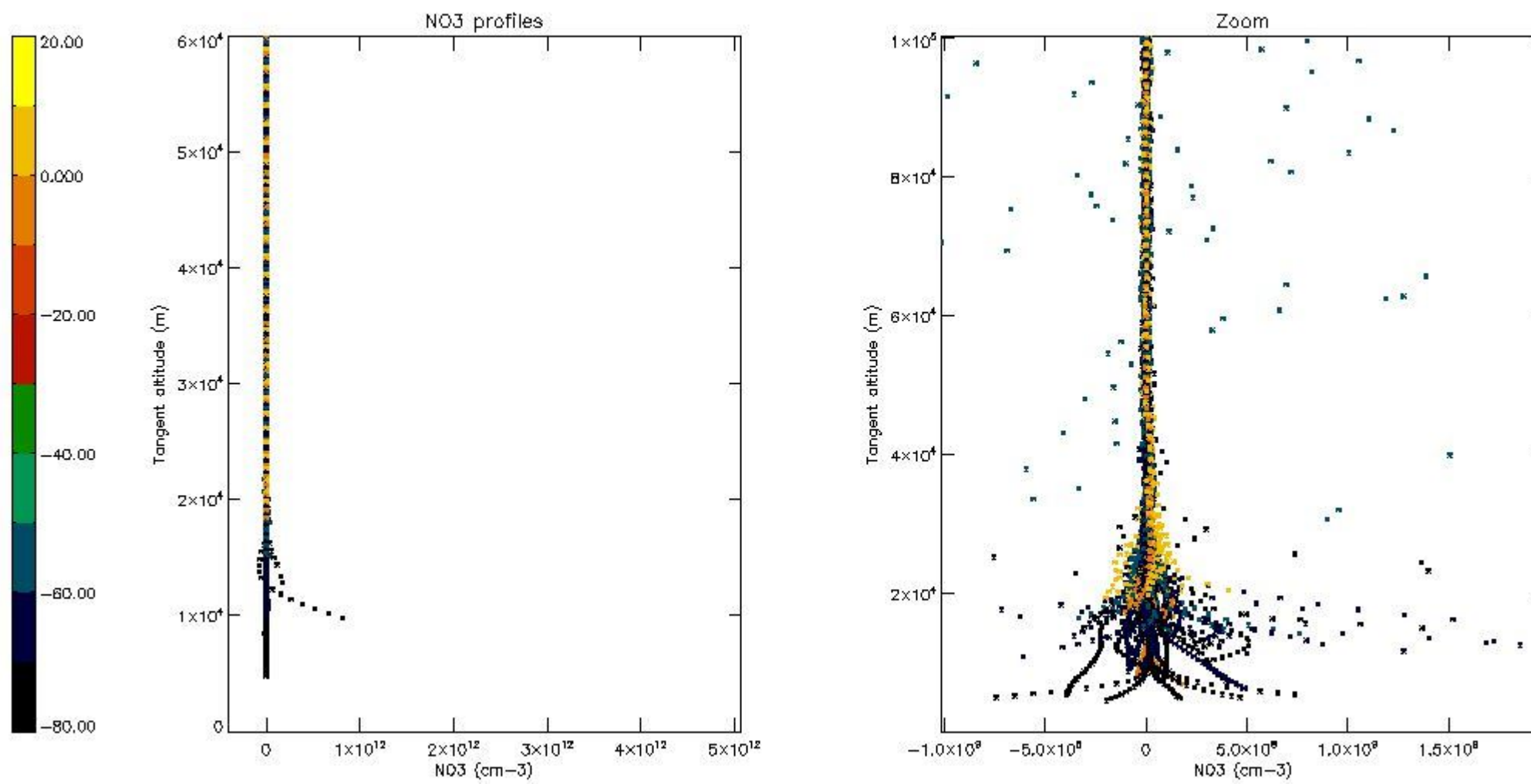
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

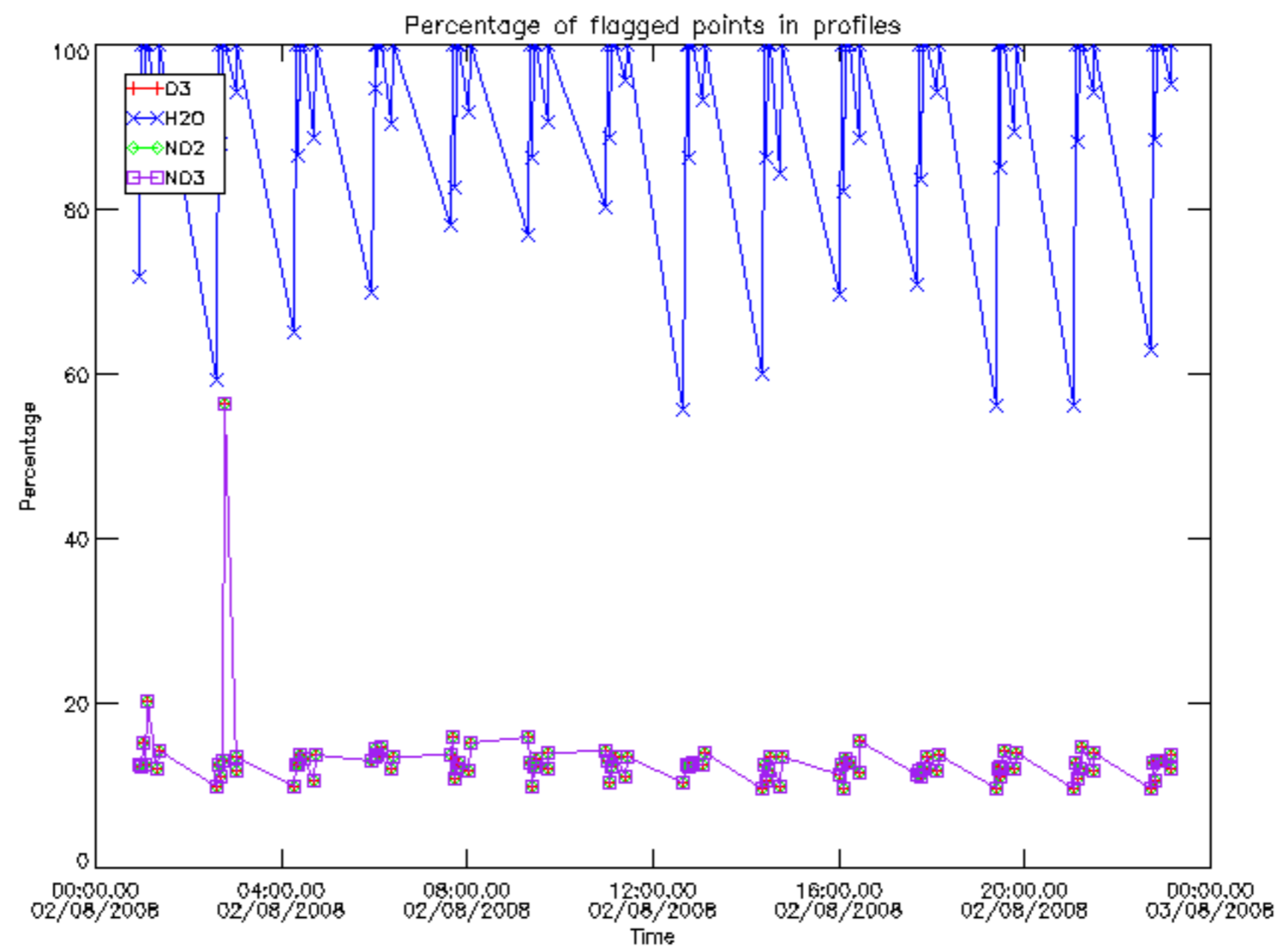
The colorbar represents the latitude.



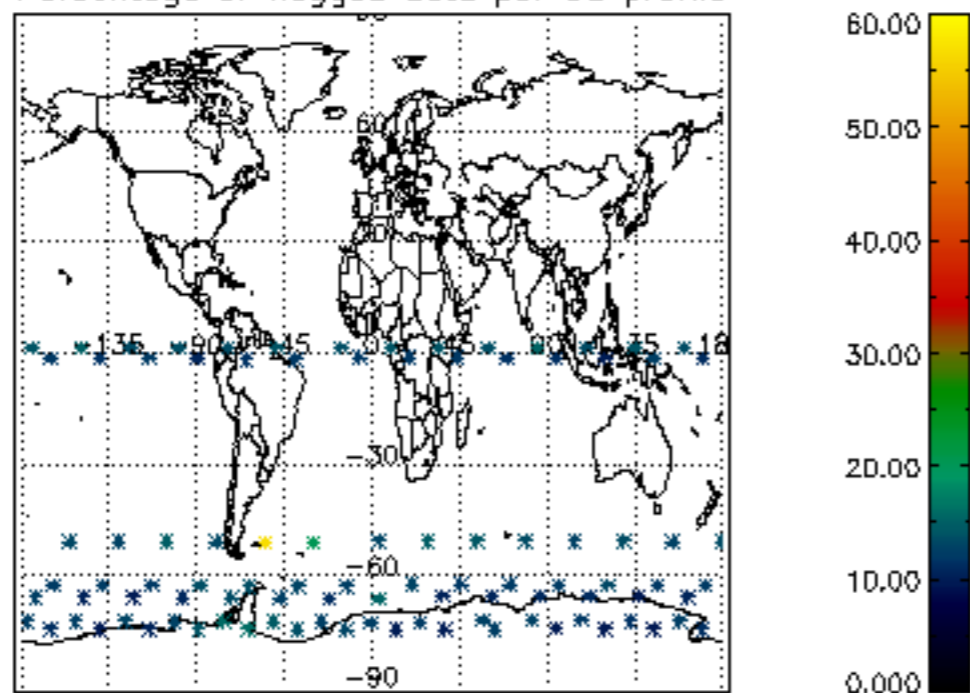
6. Auxiliary Data Files used for the production reported in section 2

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

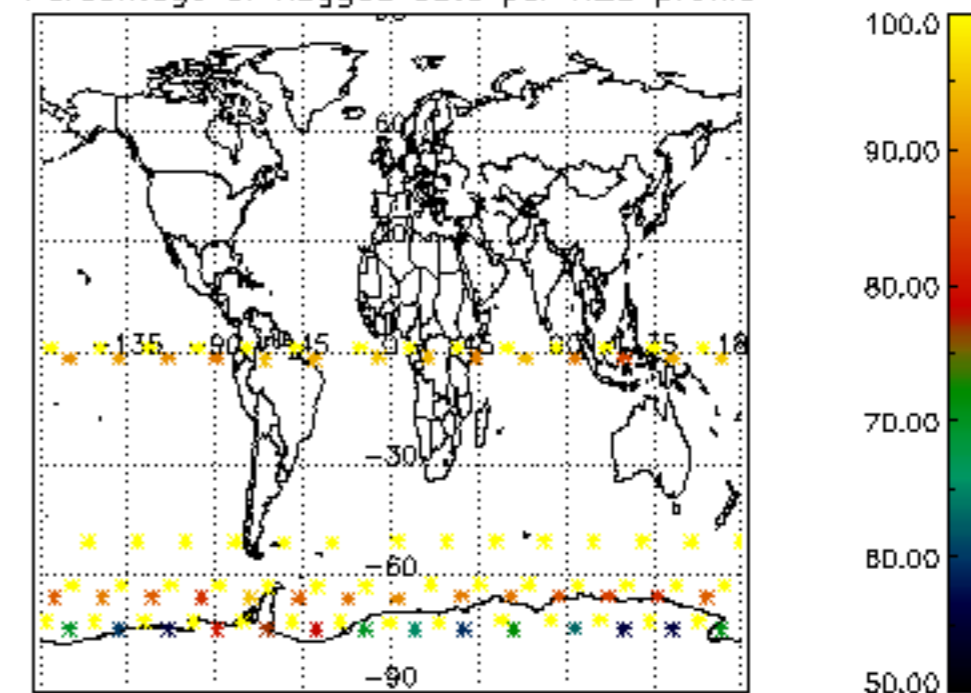
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2008 00:00:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2008 00:00:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2008 00:00:22



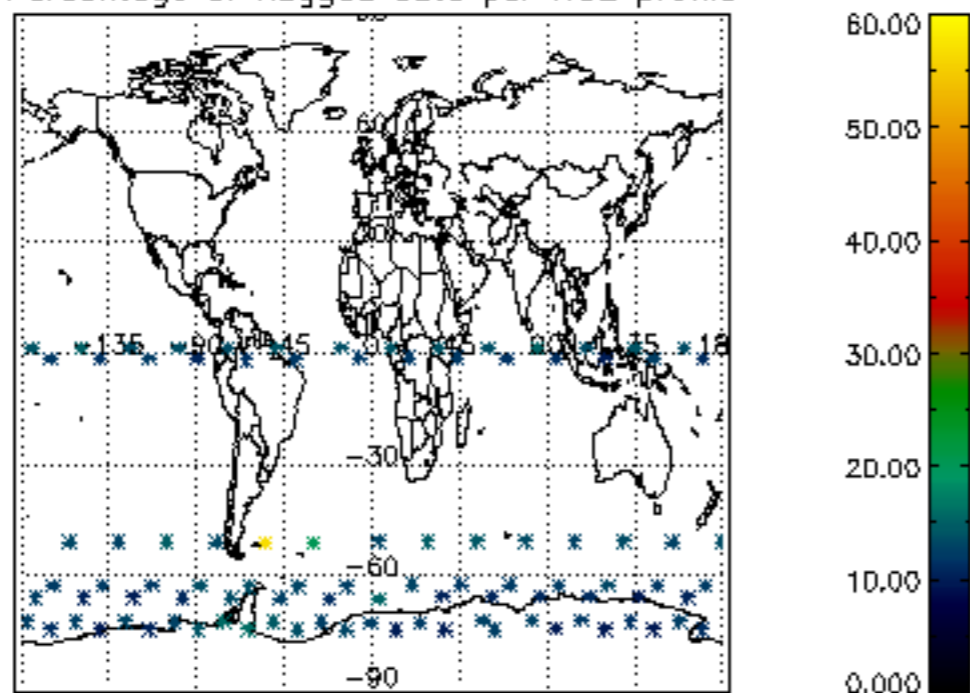
Percentage of flagged data per D3 profile



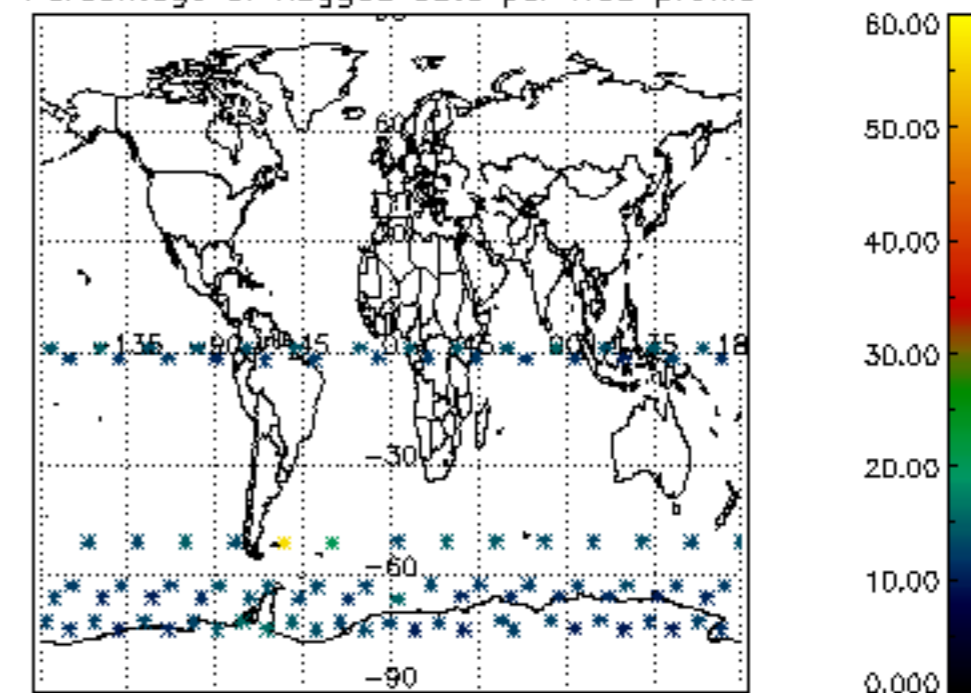
Percentage of flagged data per H2O profile

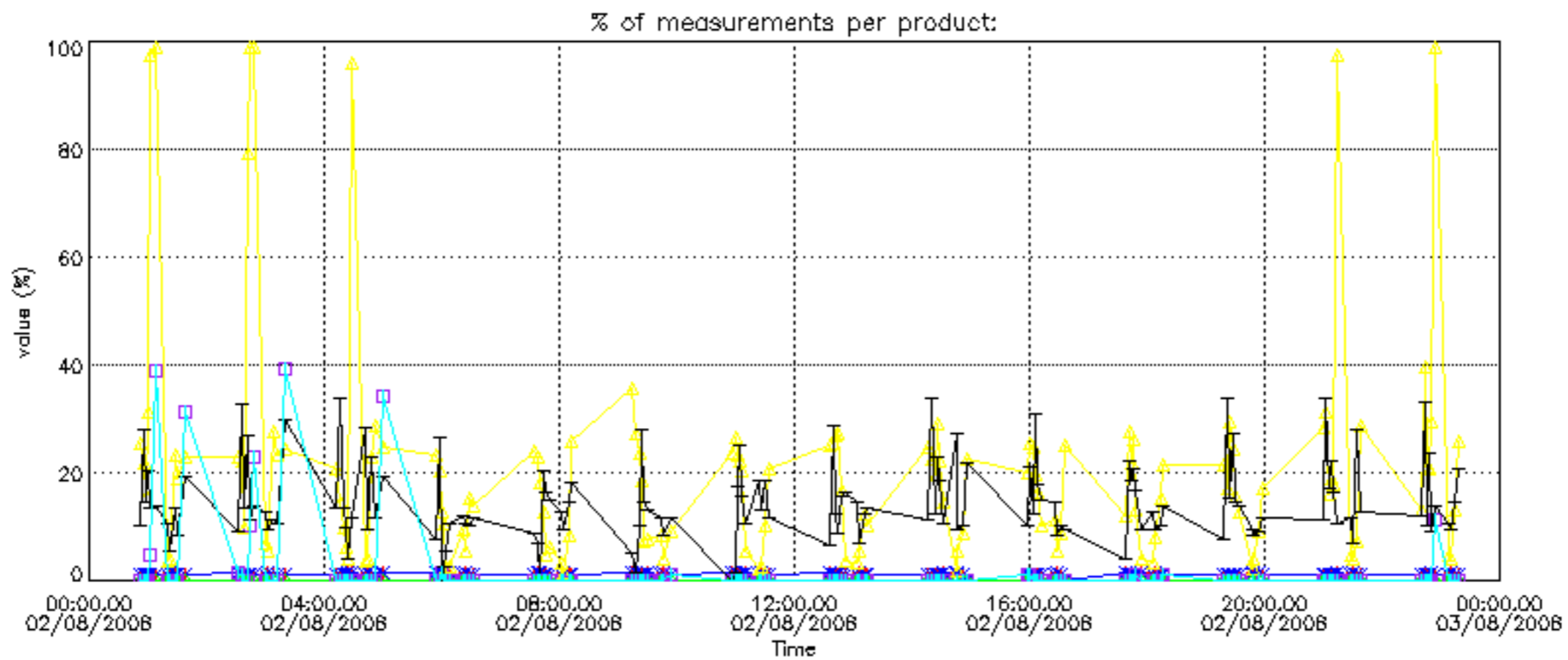
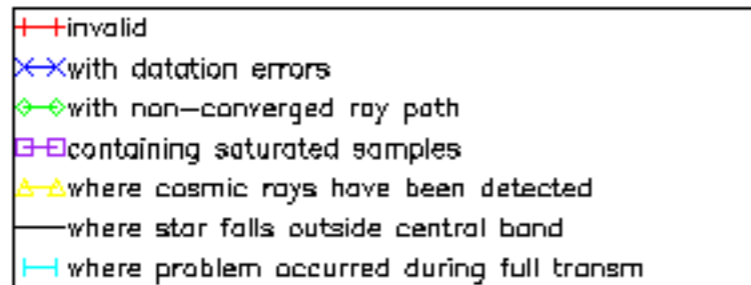


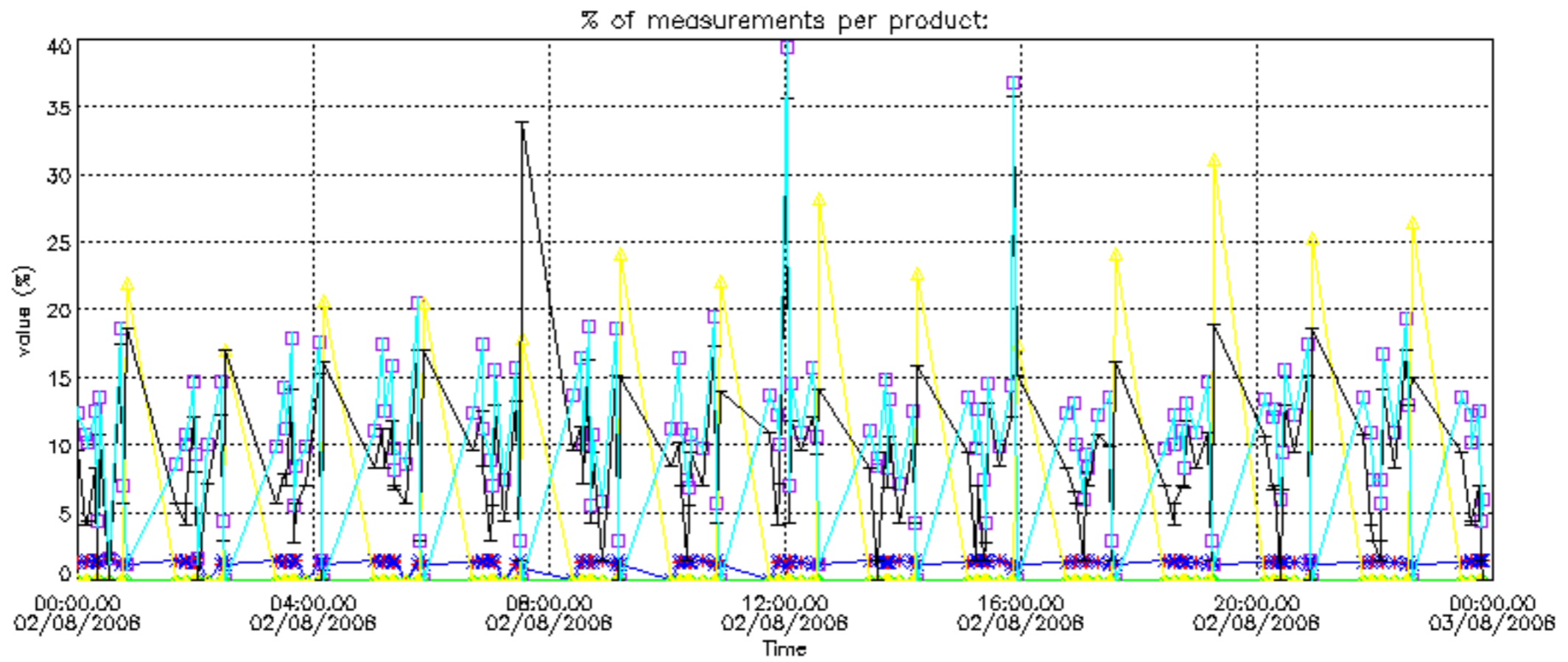
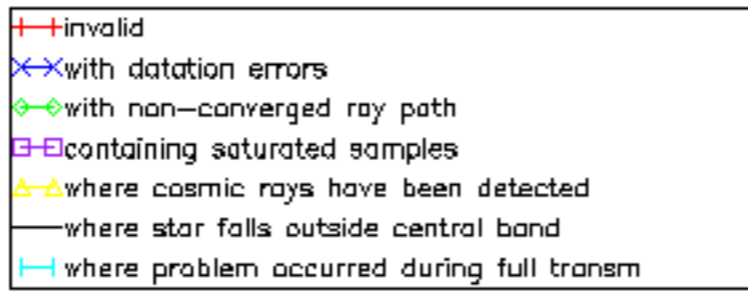
Percentage of flagged data per NO2 profile



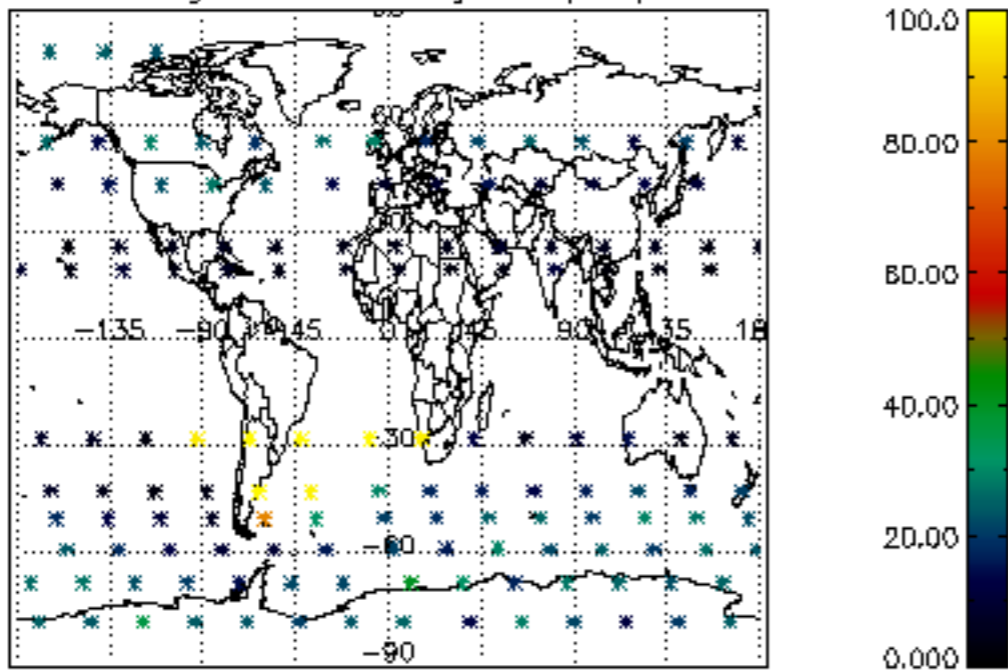
Percentage of flagged data per NO3 profile



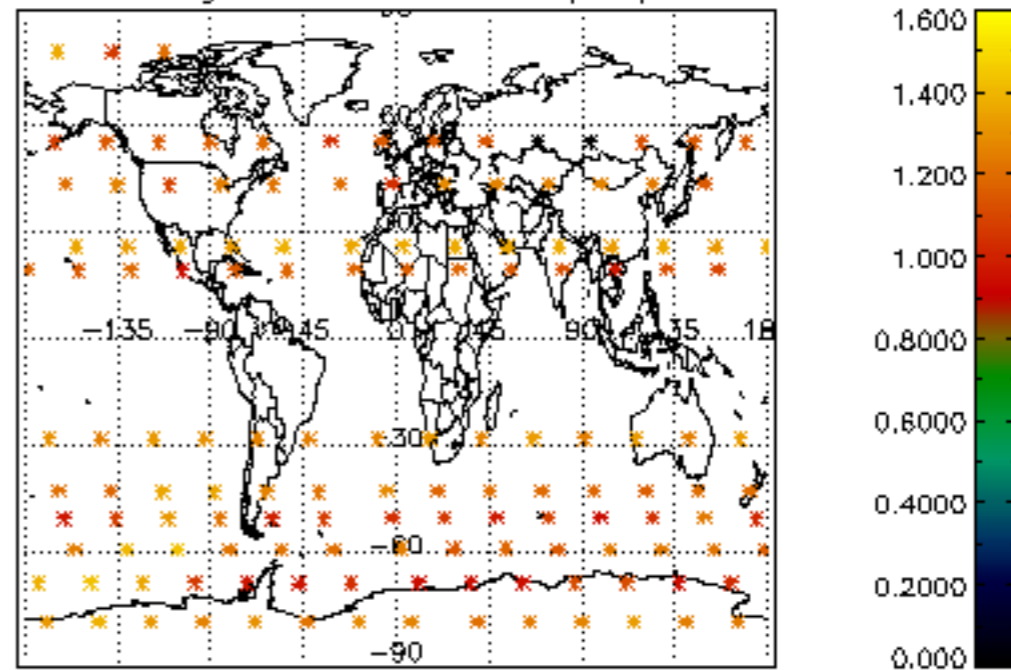




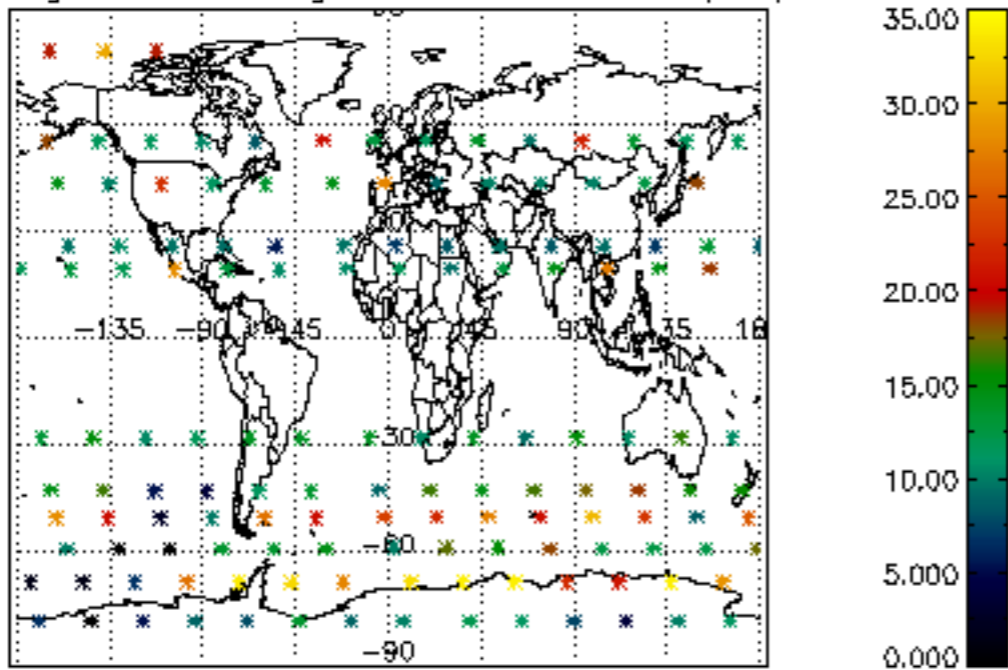
Percentage of cosmic ray hits per profile



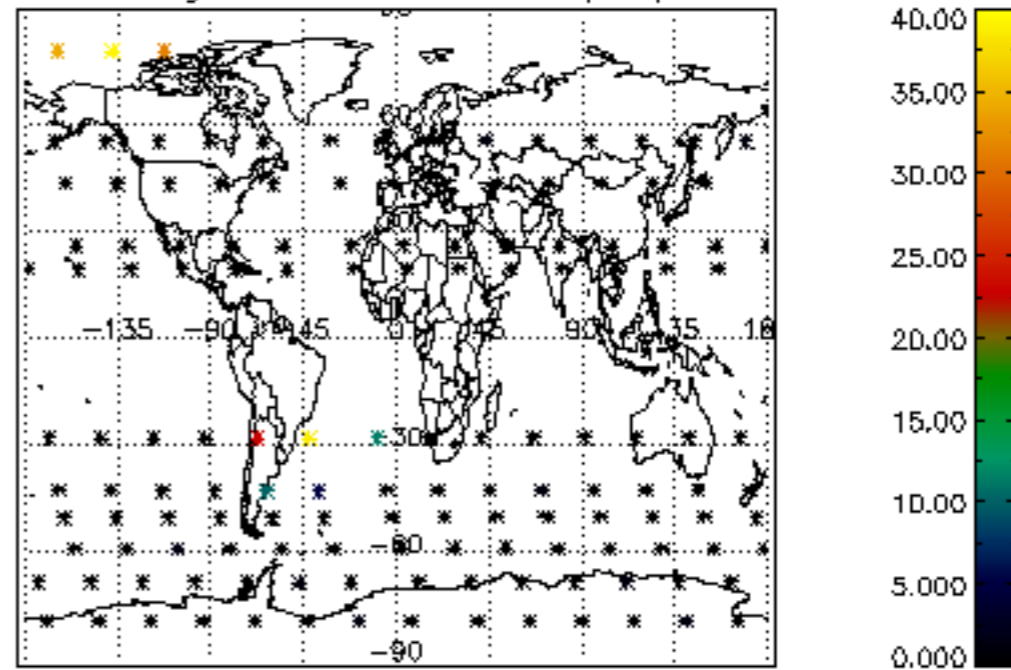
Percentage of datation errors per profile



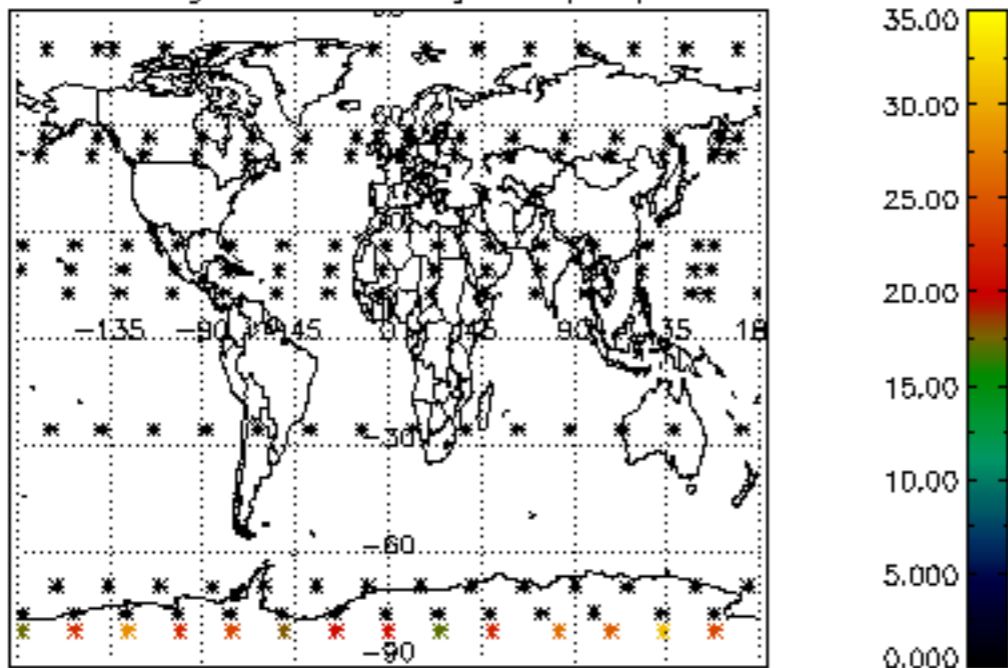
Percentage of star falling outside central band per profile



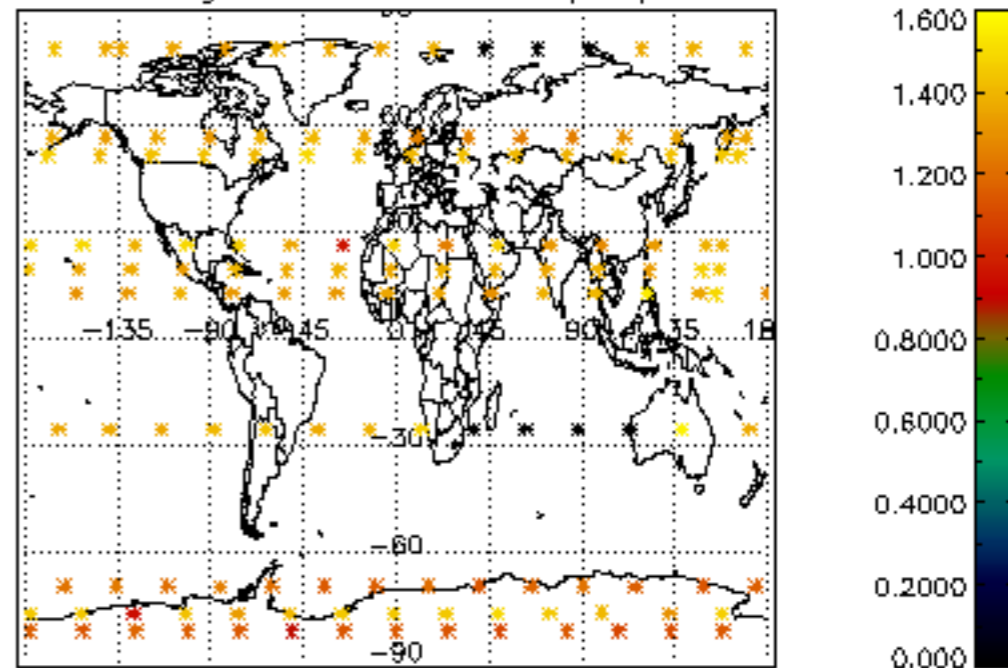
Percentage of saturation errors per profile



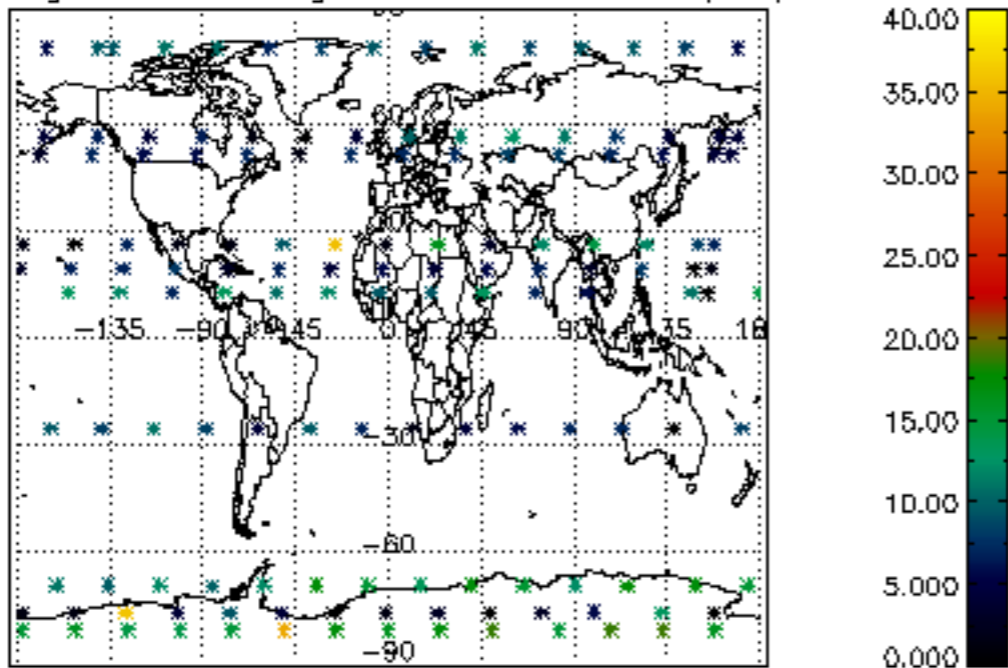
Percentage of cosmic ray hits per profile



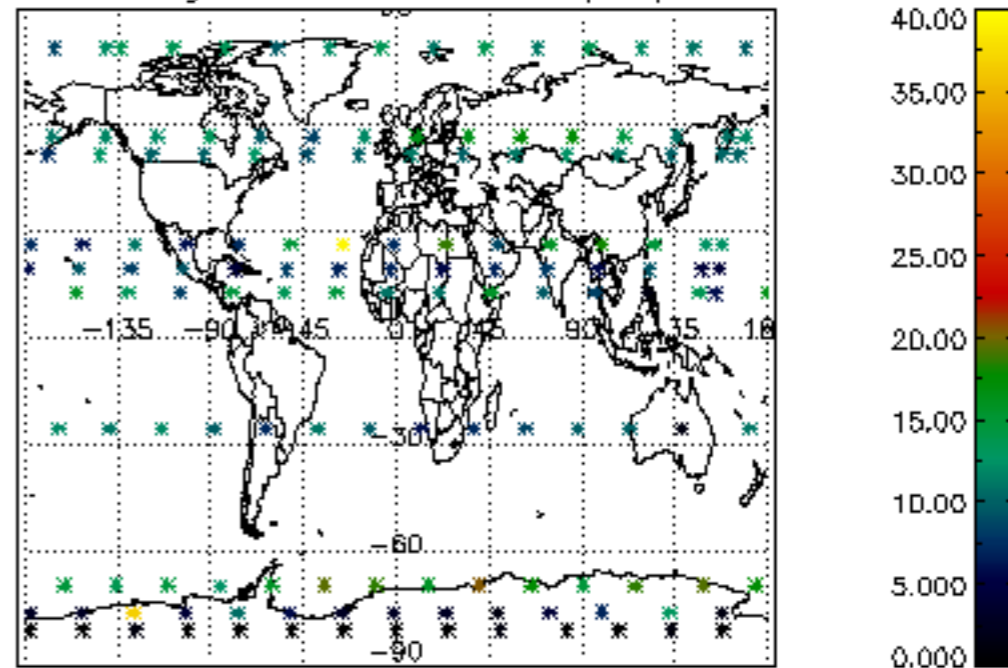
Percentage of datation errors per profile

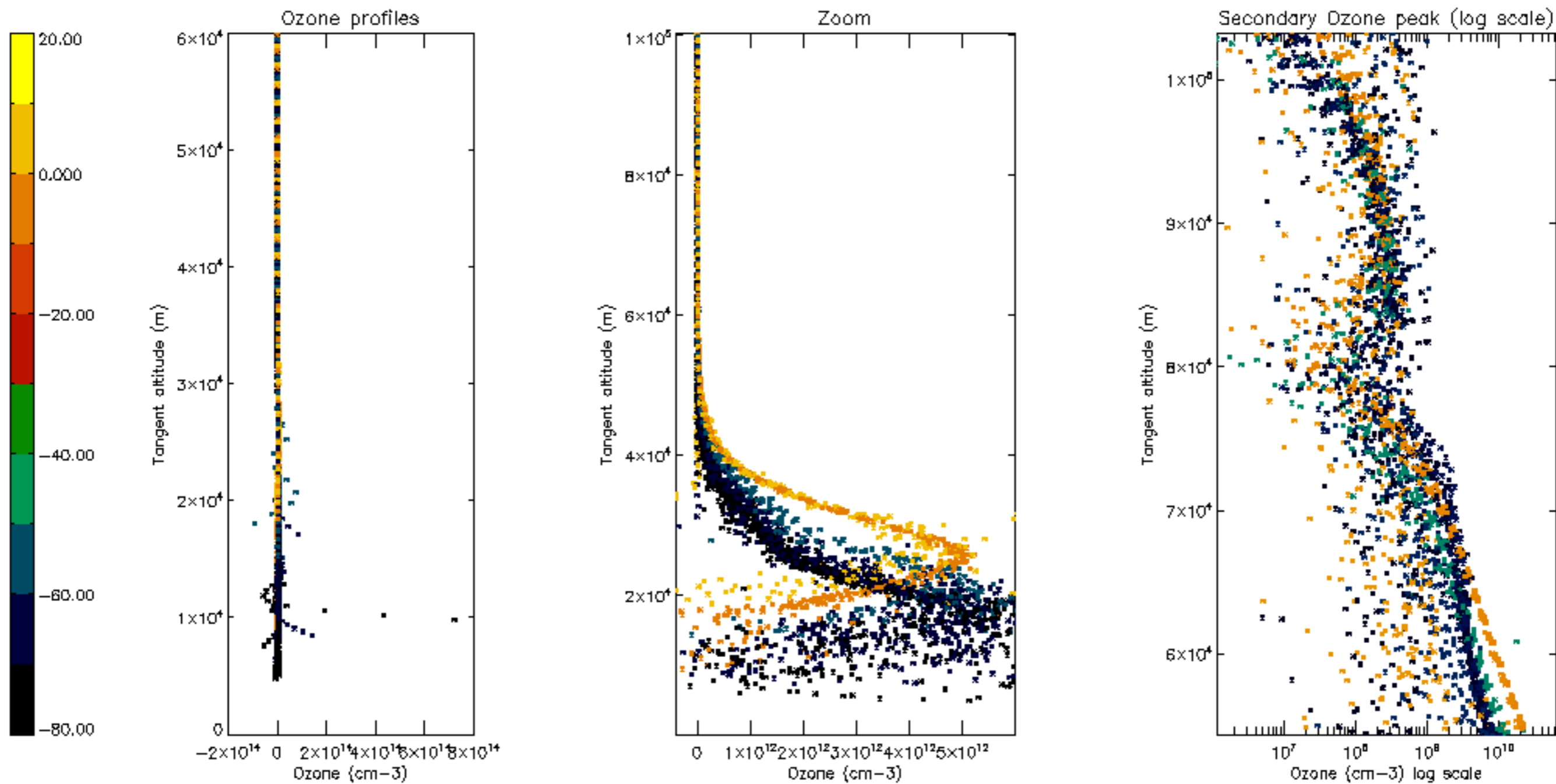


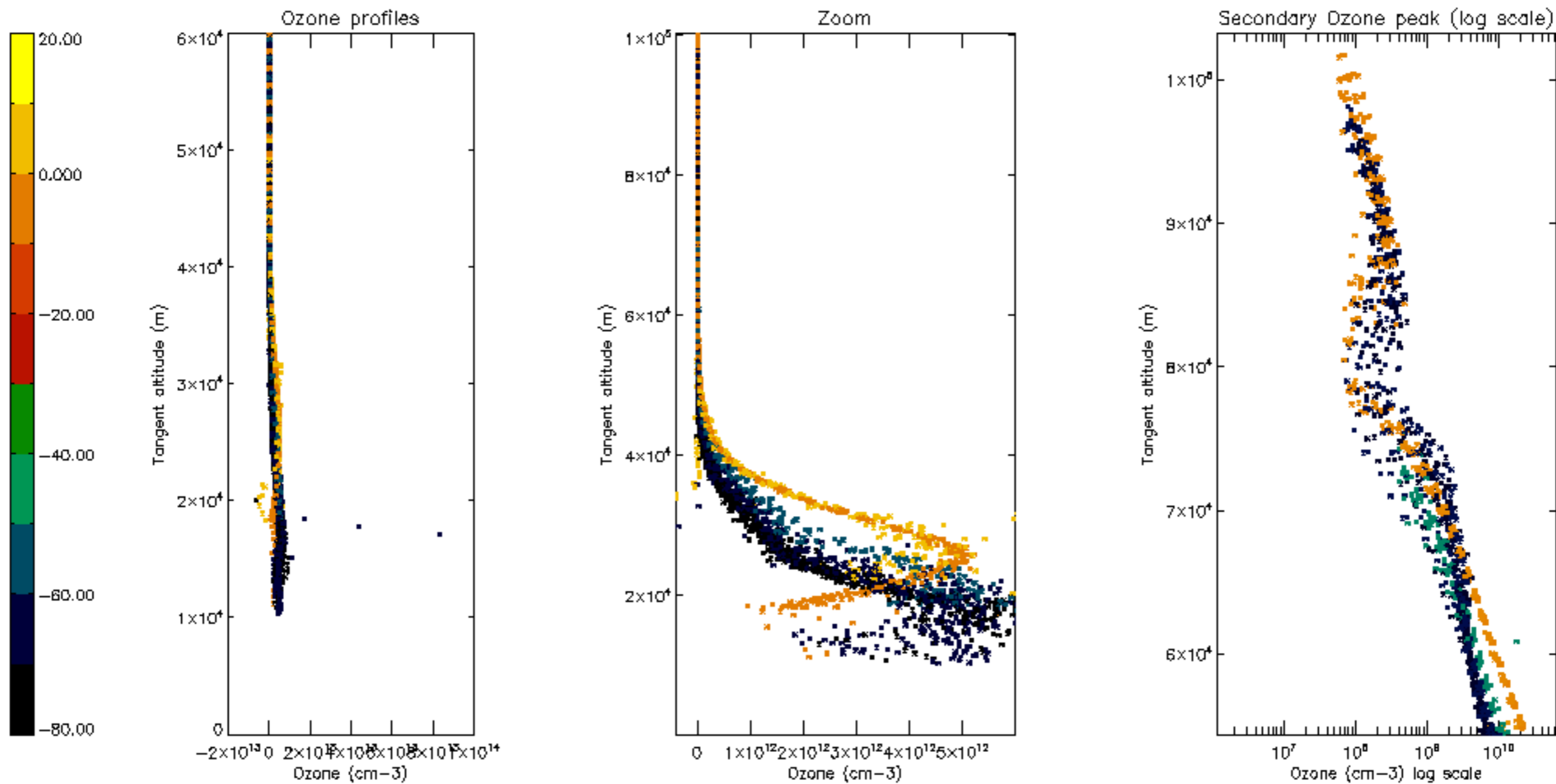
Percentage of star falling outside central band per profile

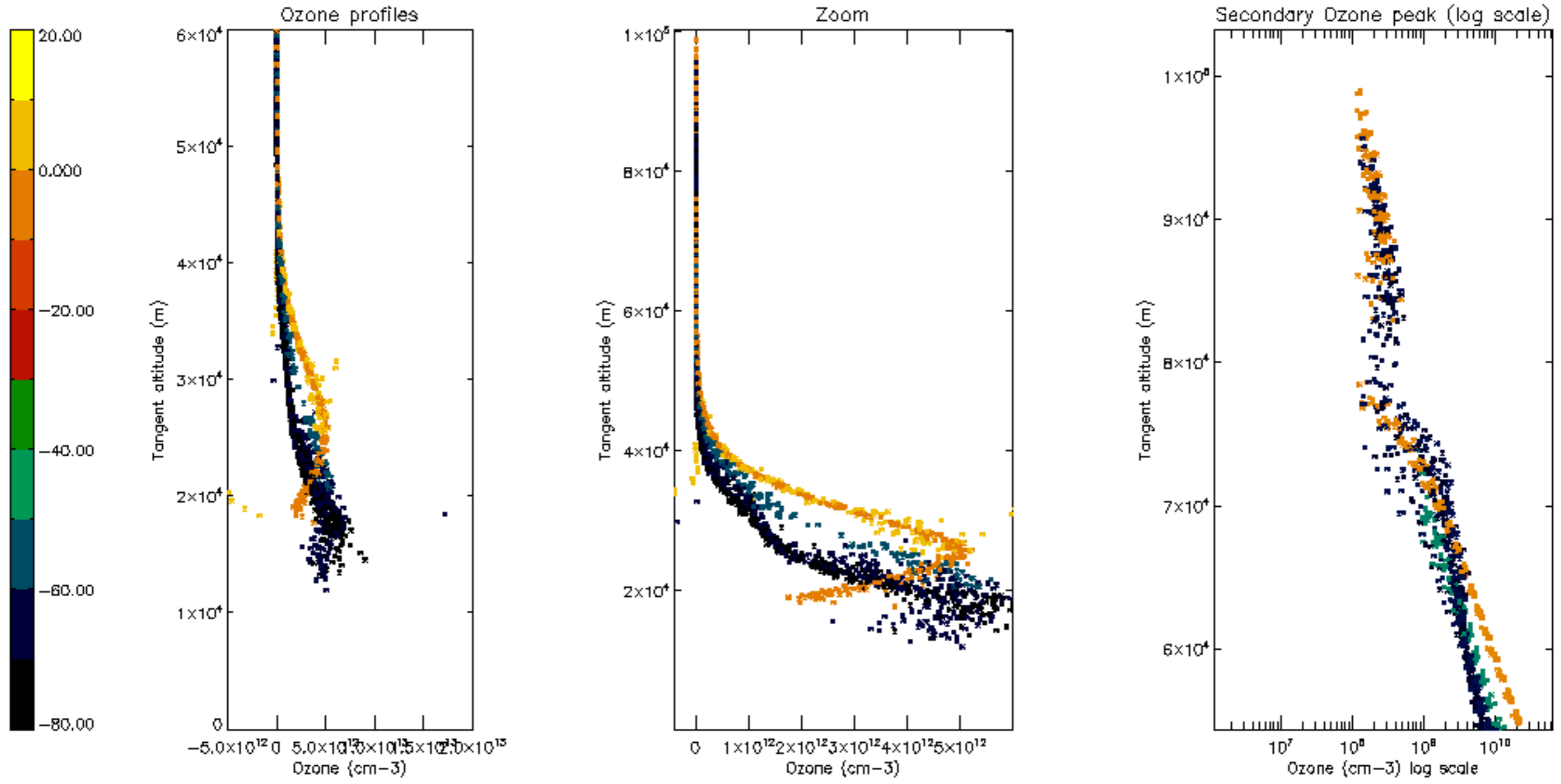


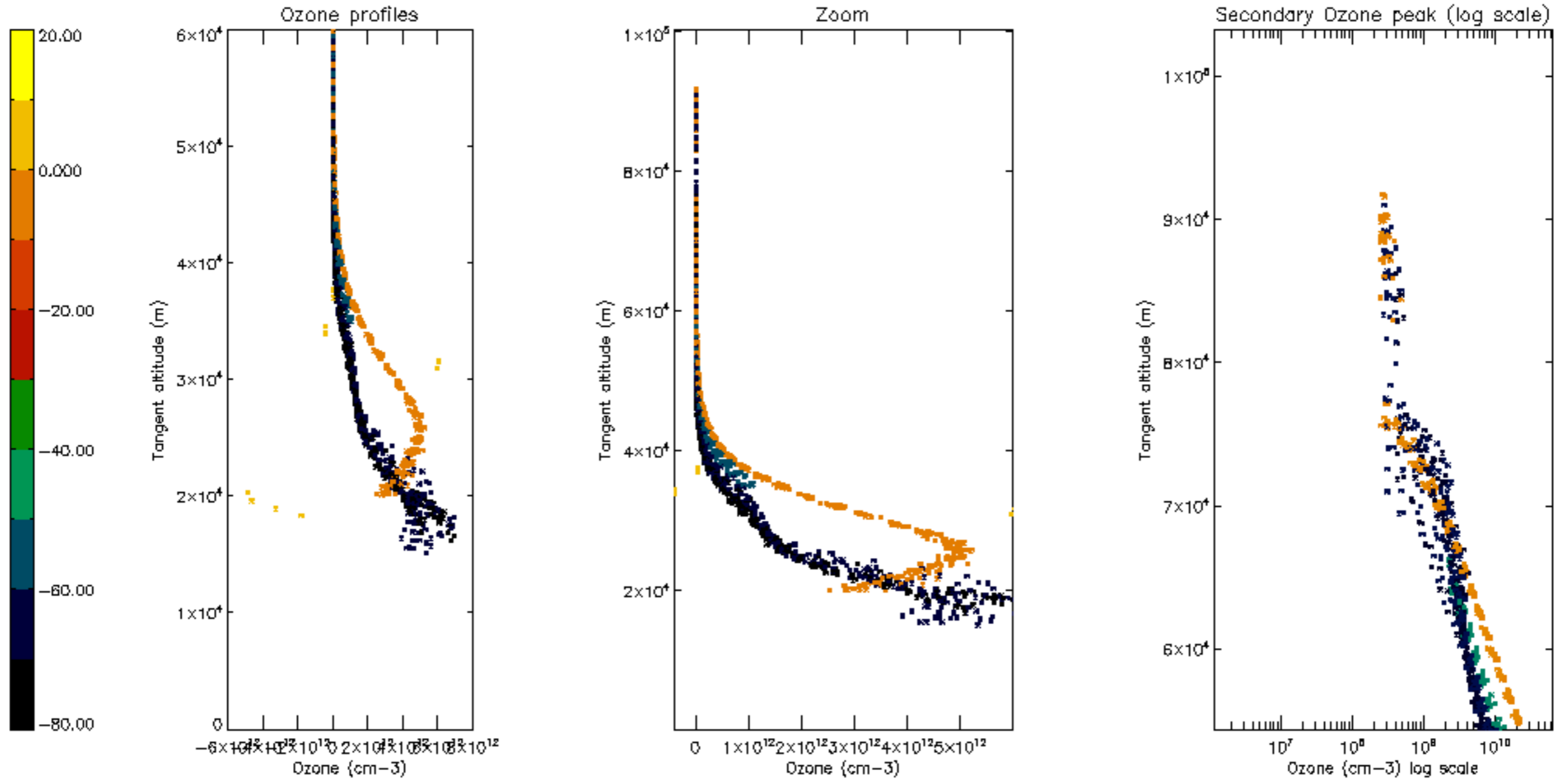
Percentage of saturation errors per profile

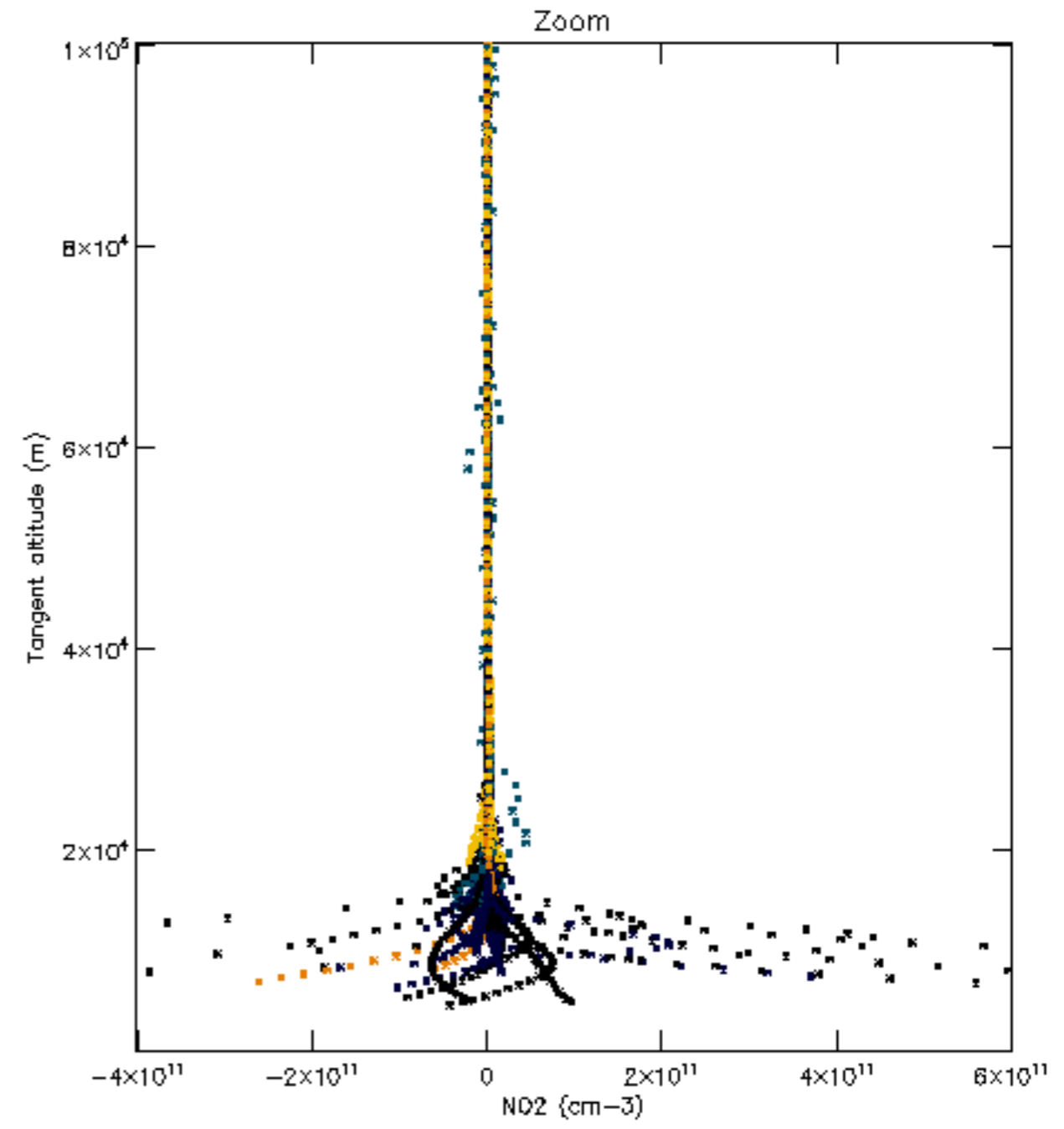
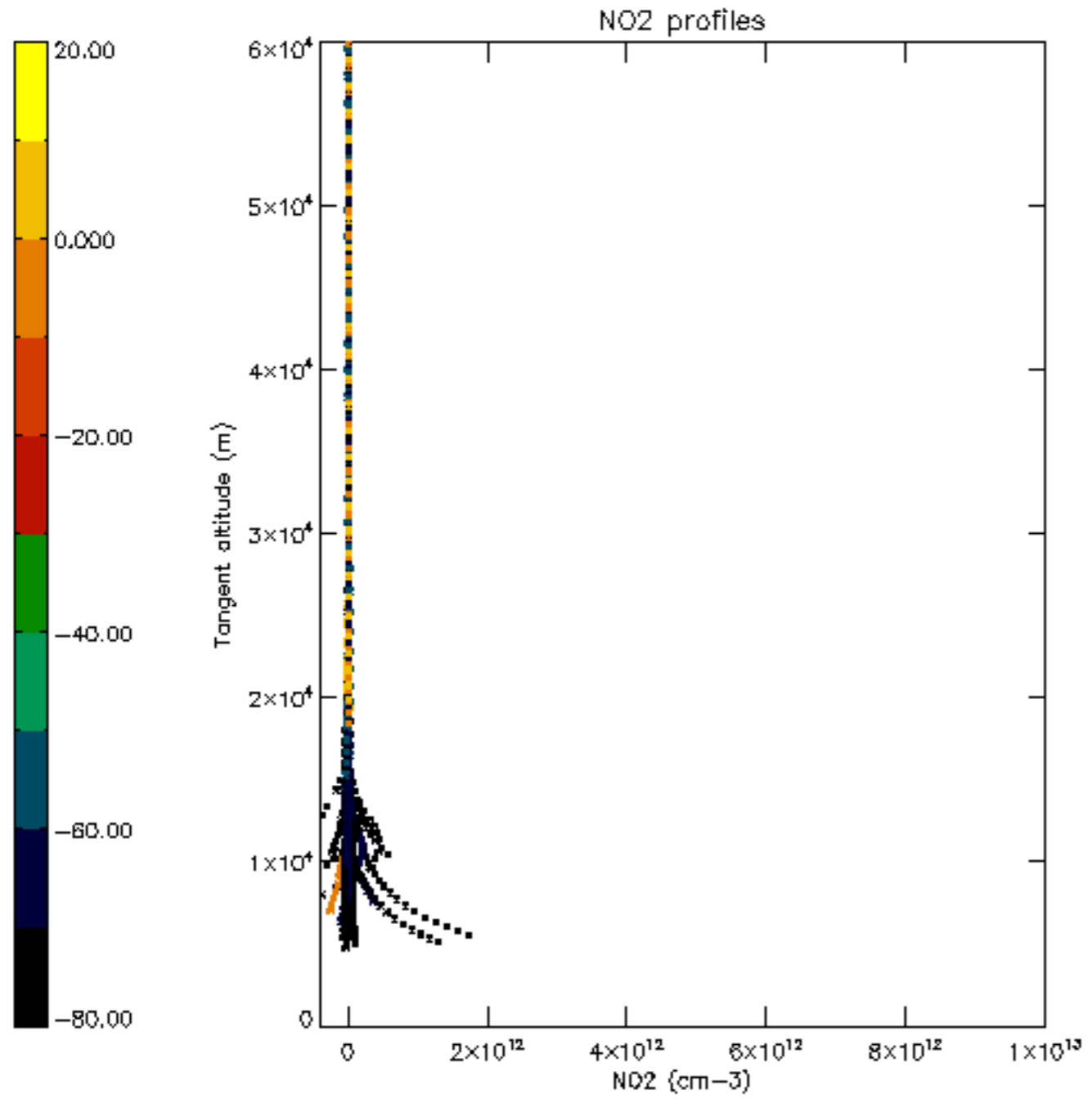


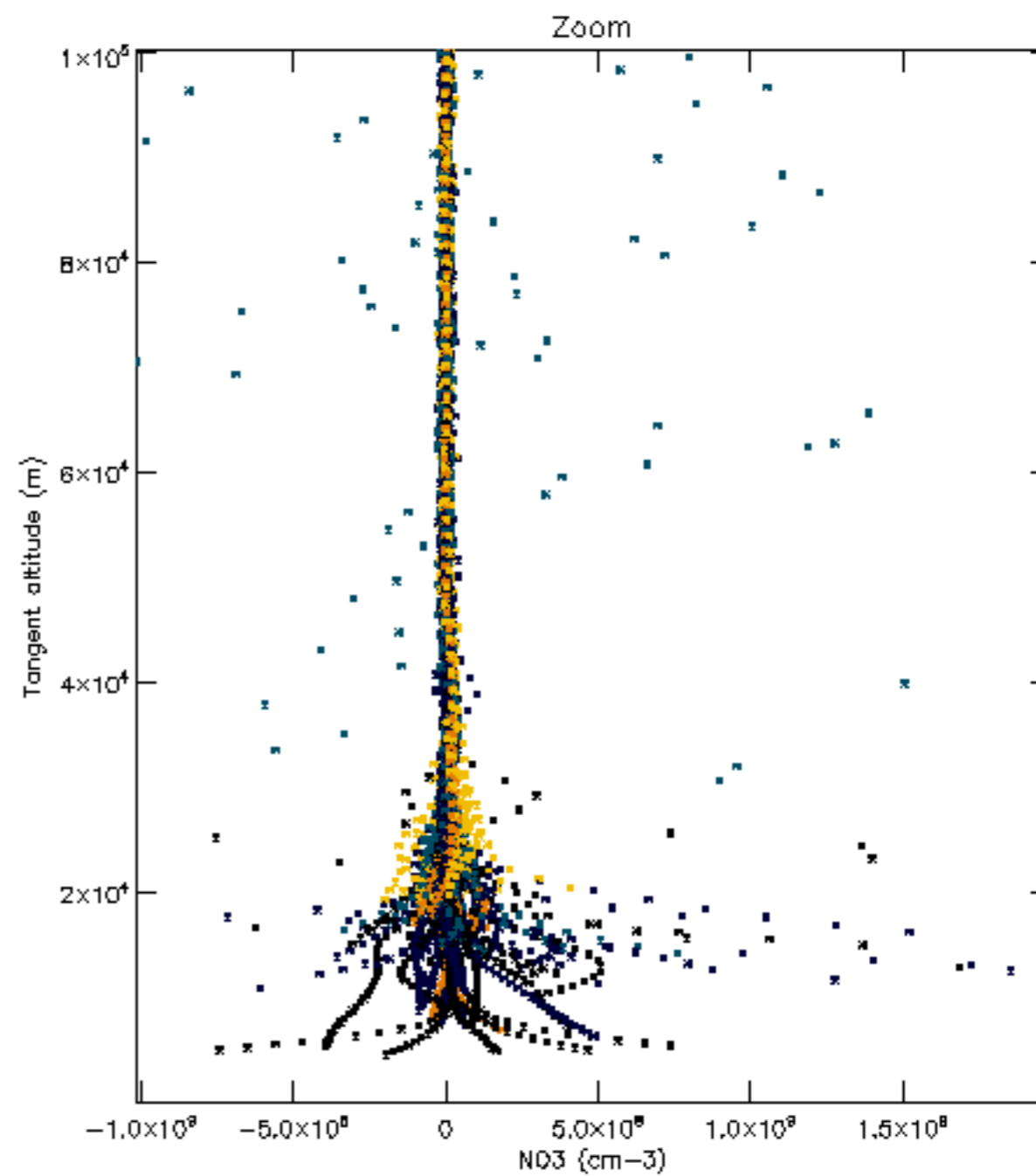
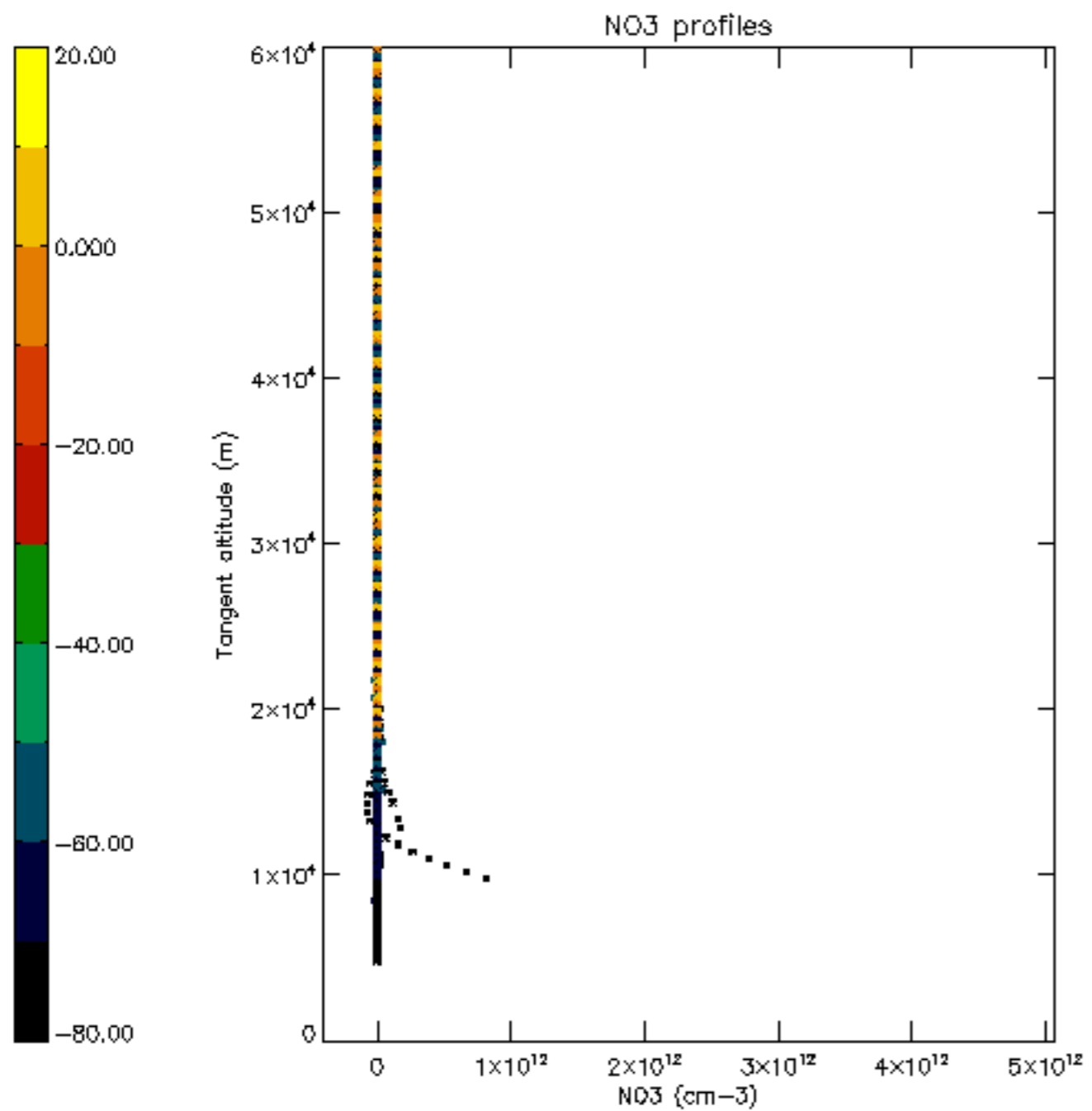


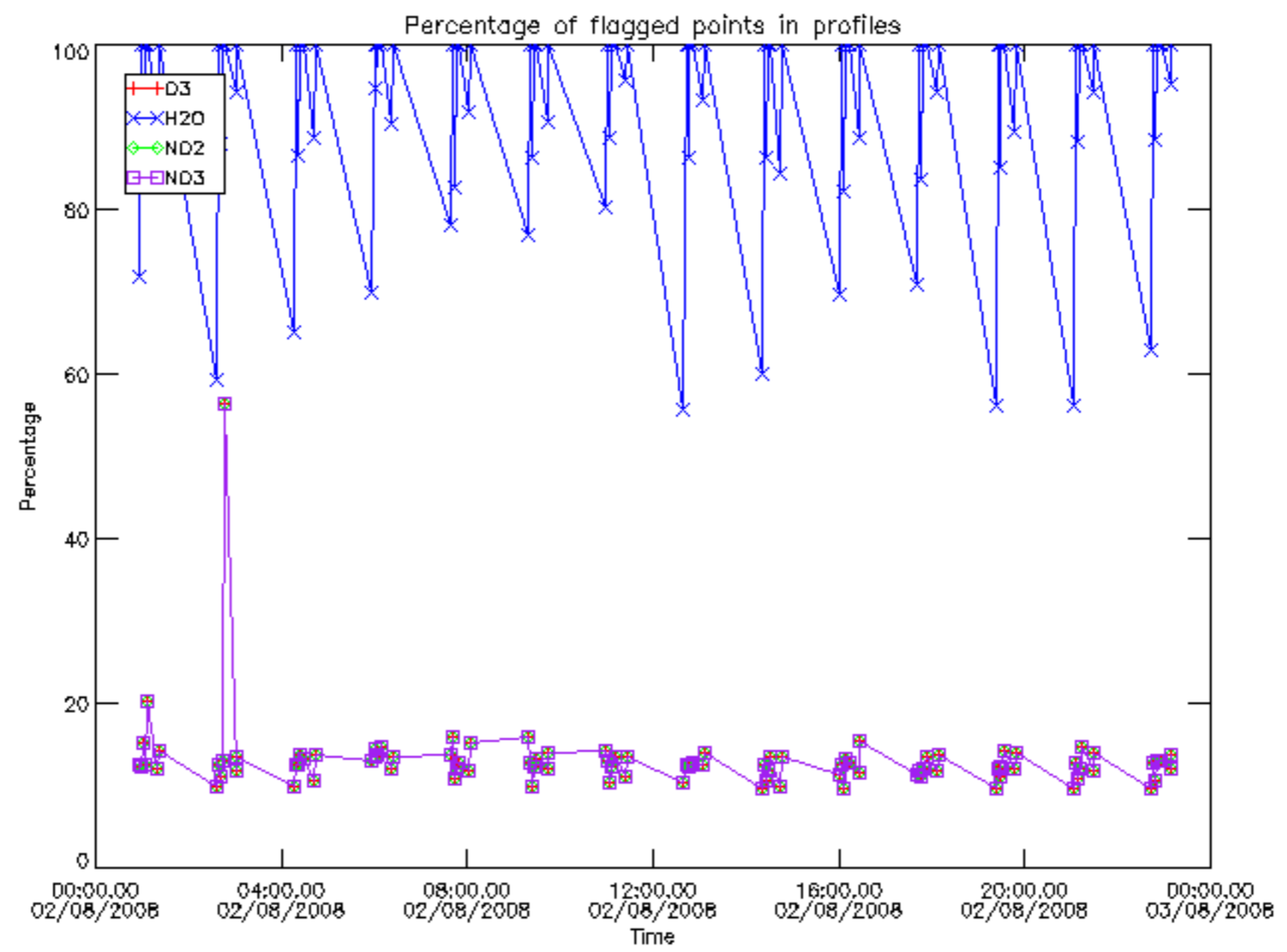




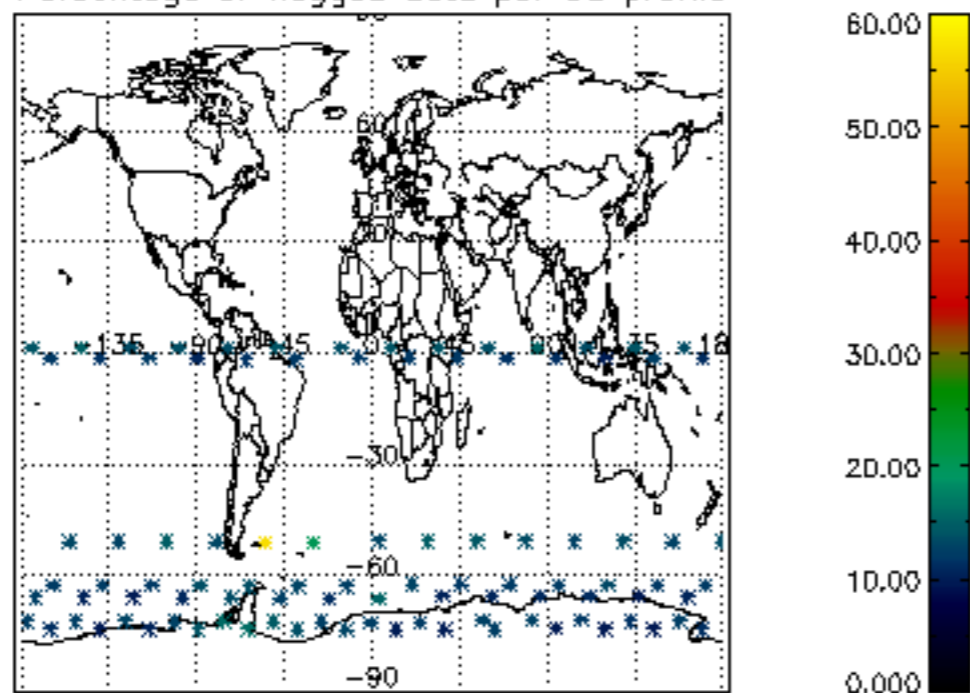




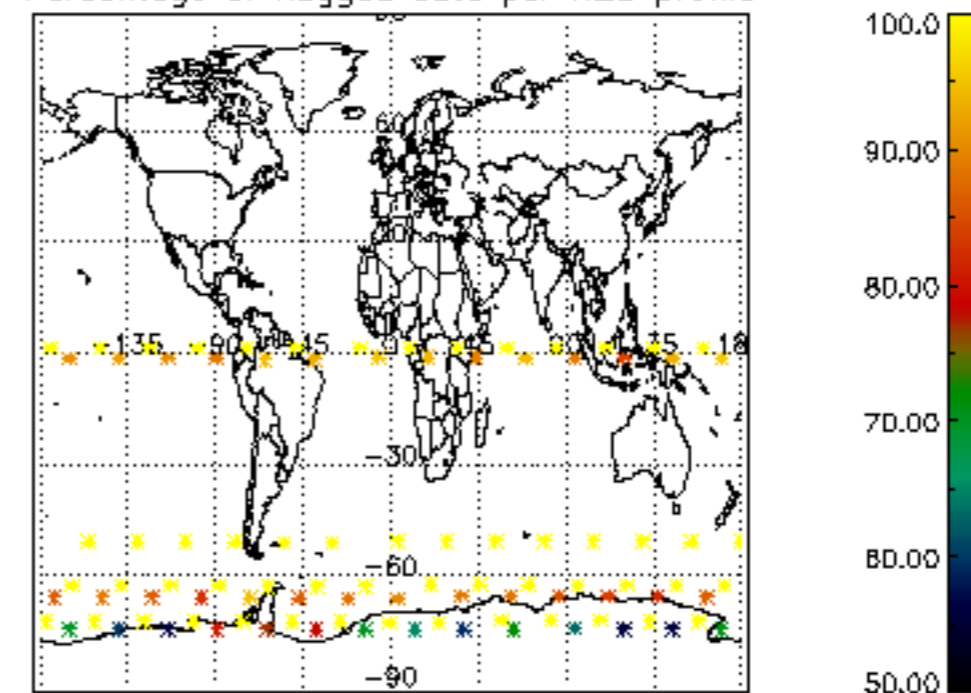




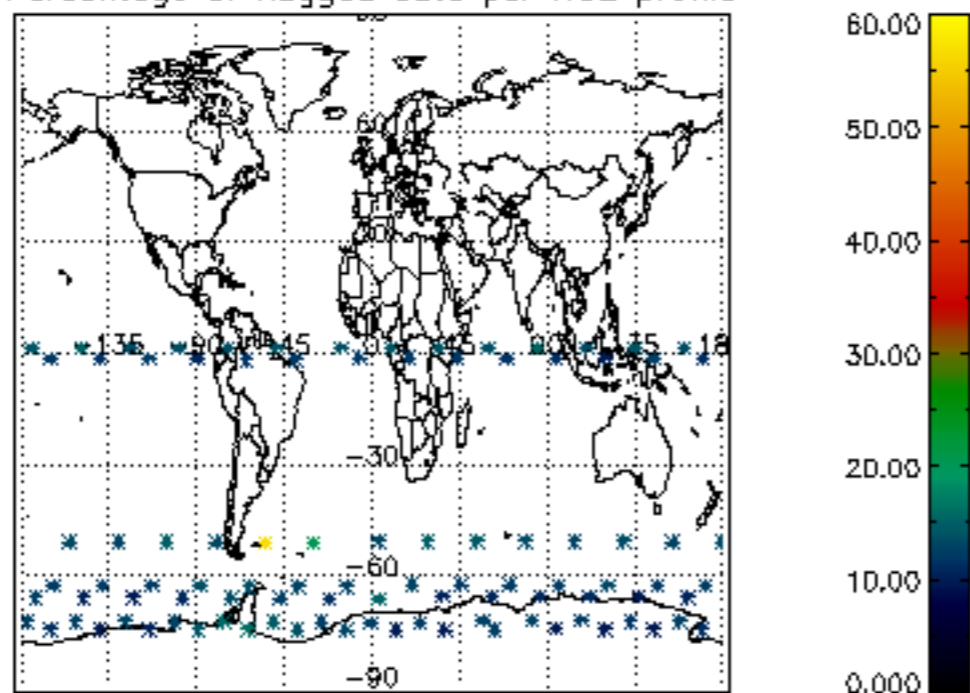
Percentage of flagged data per D3 profile



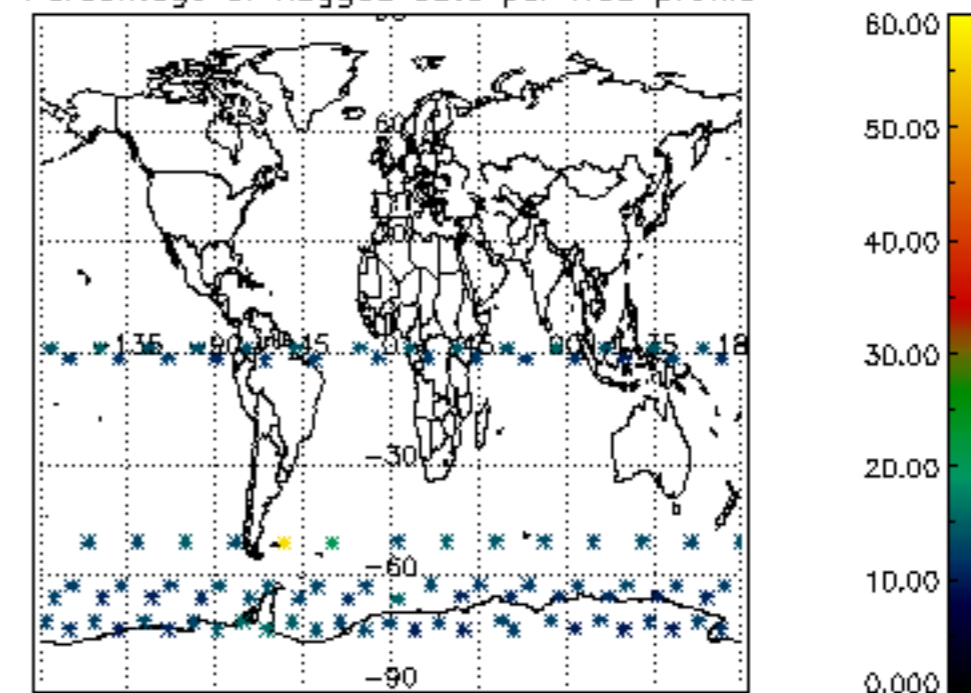
Percentage of flagged data per H2O profile

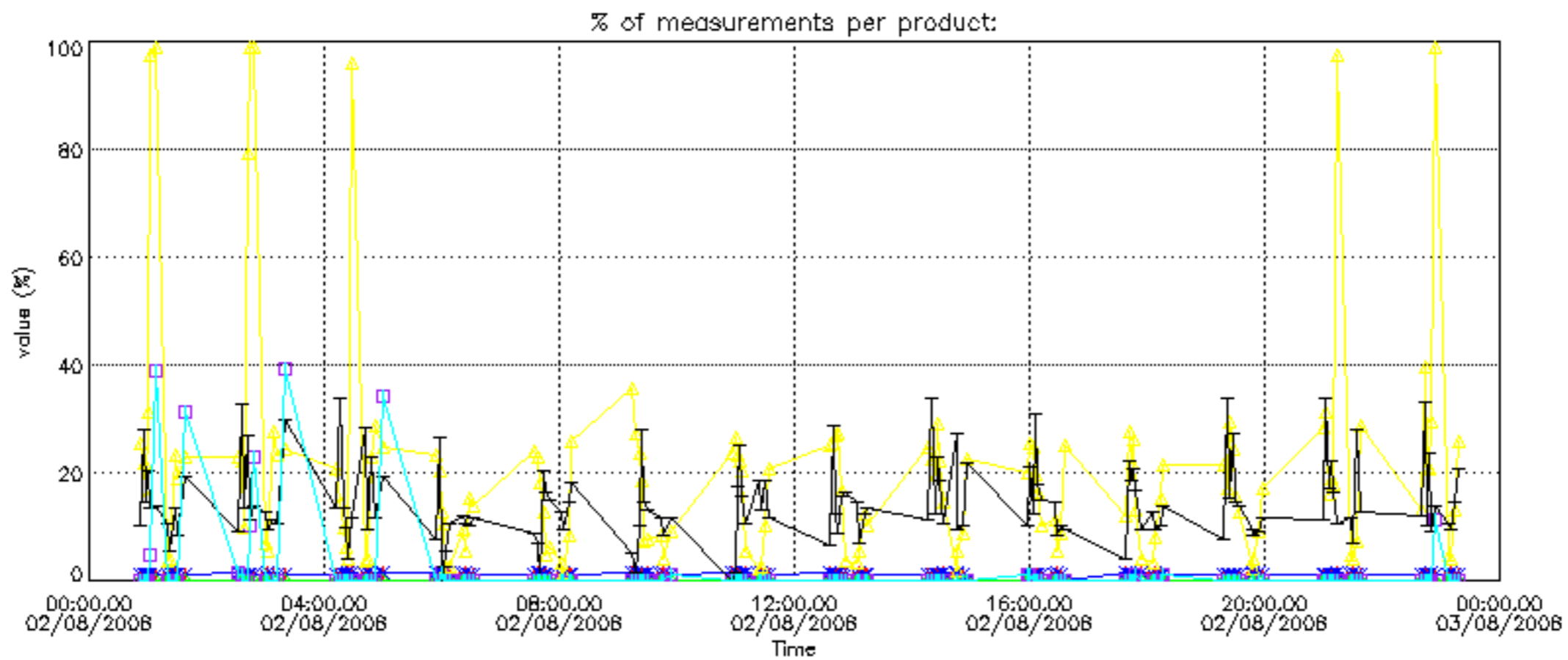
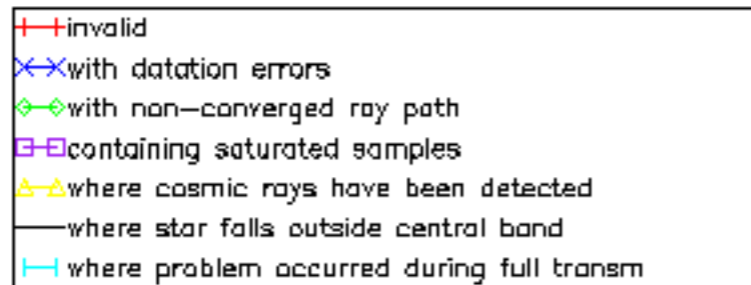


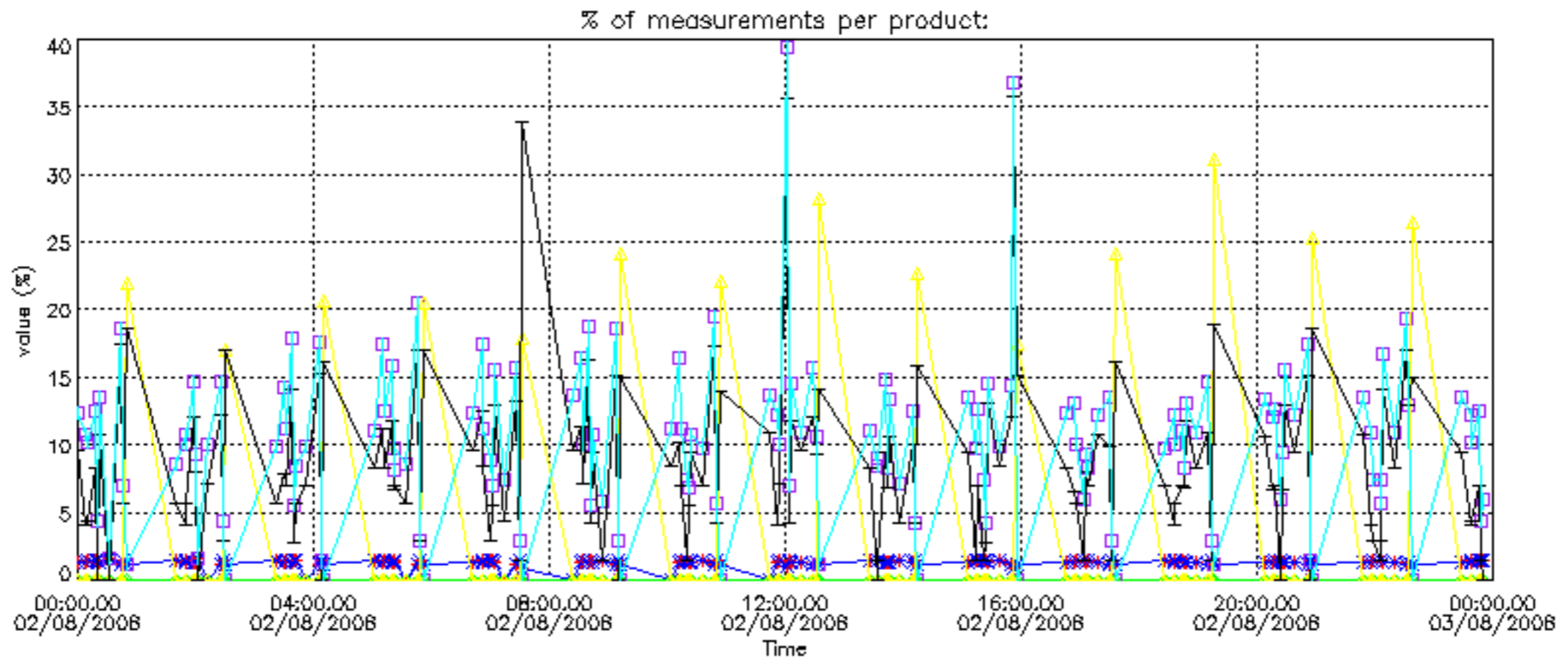
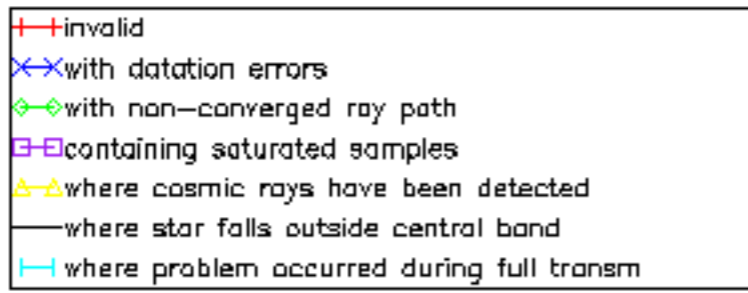
Percentage of flagged data per NO2 profile



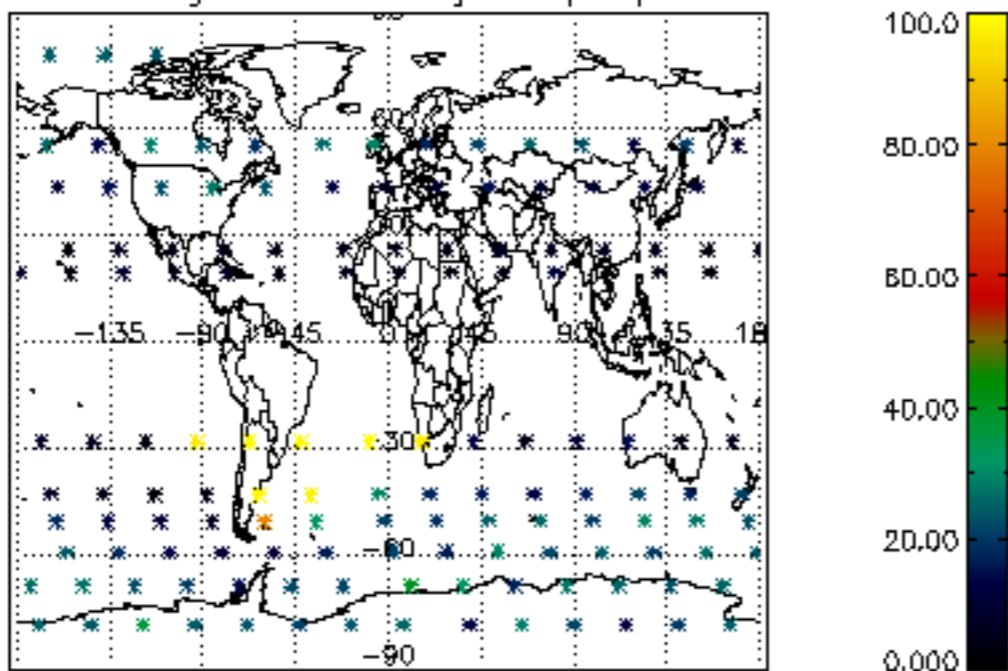
Percentage of flagged data per NO3 profile



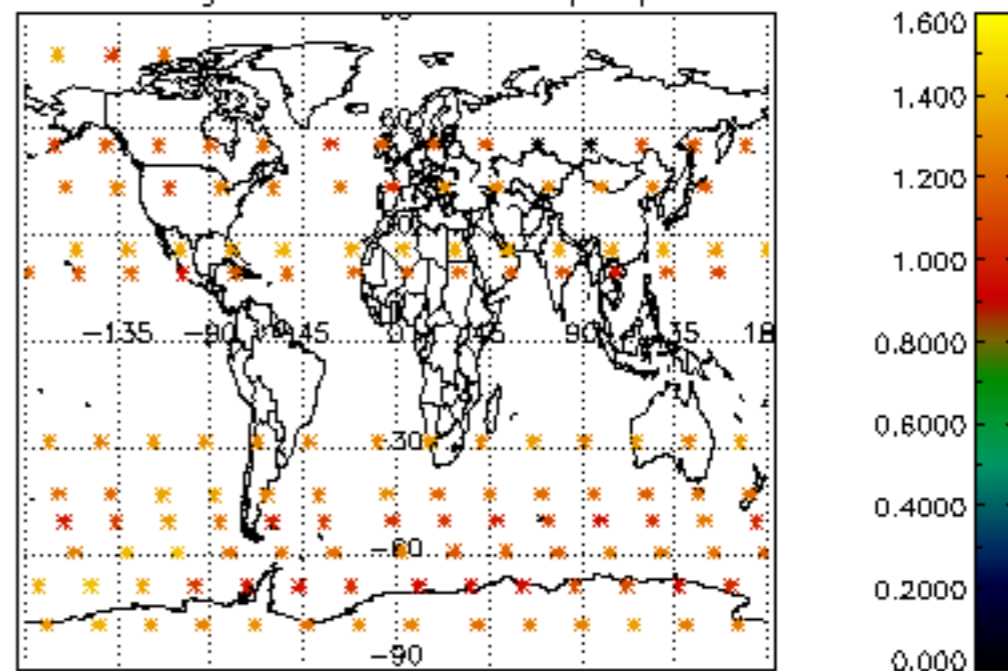




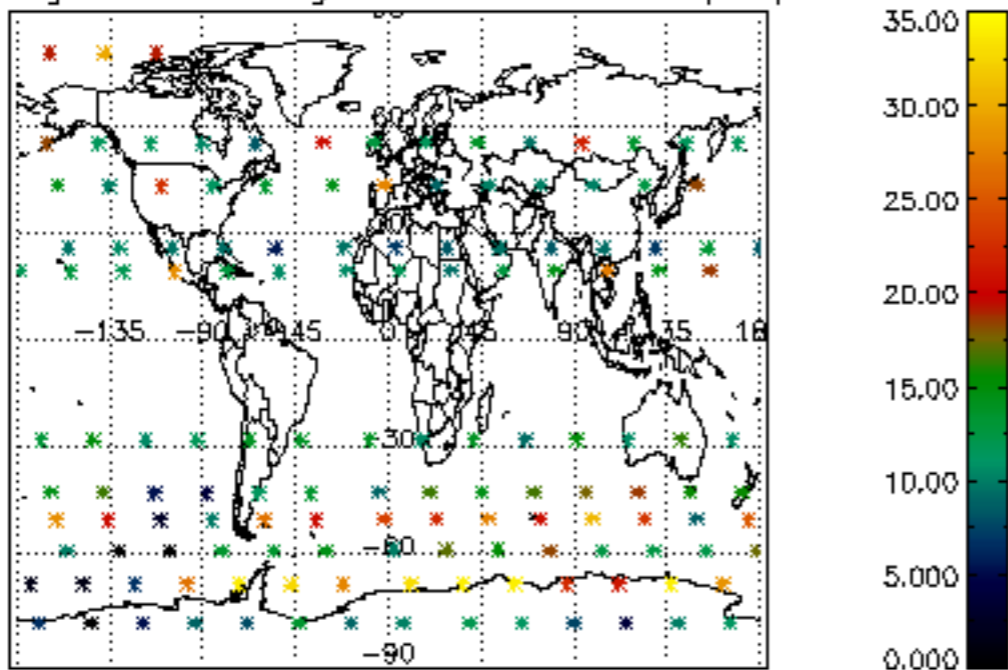
Percentage of cosmic ray hits per profile



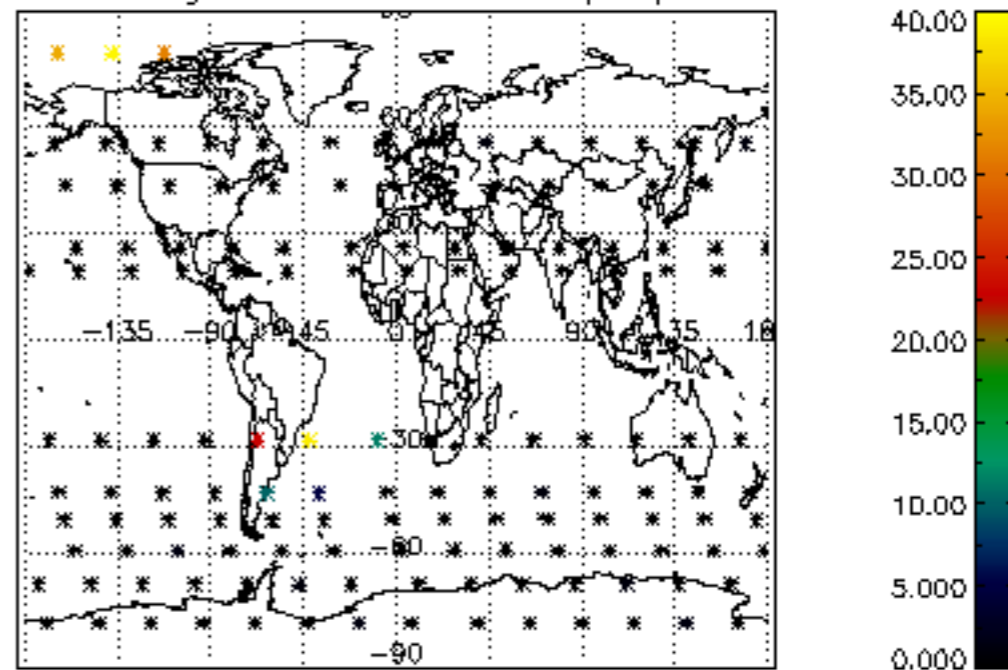
Percentage of datation errors per profile



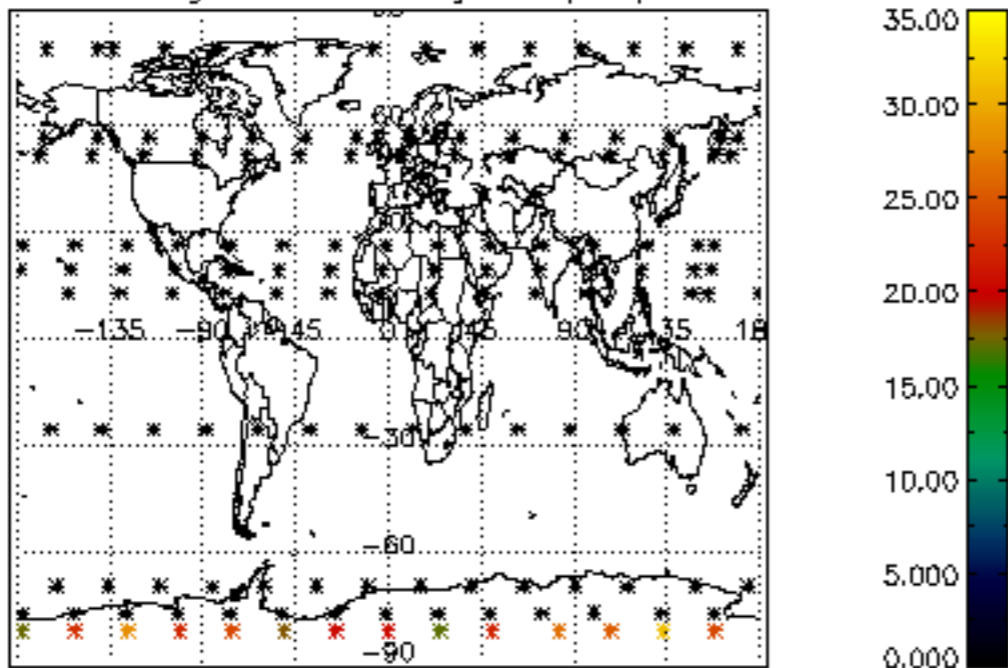
Percentage of star falling outside central band per profile



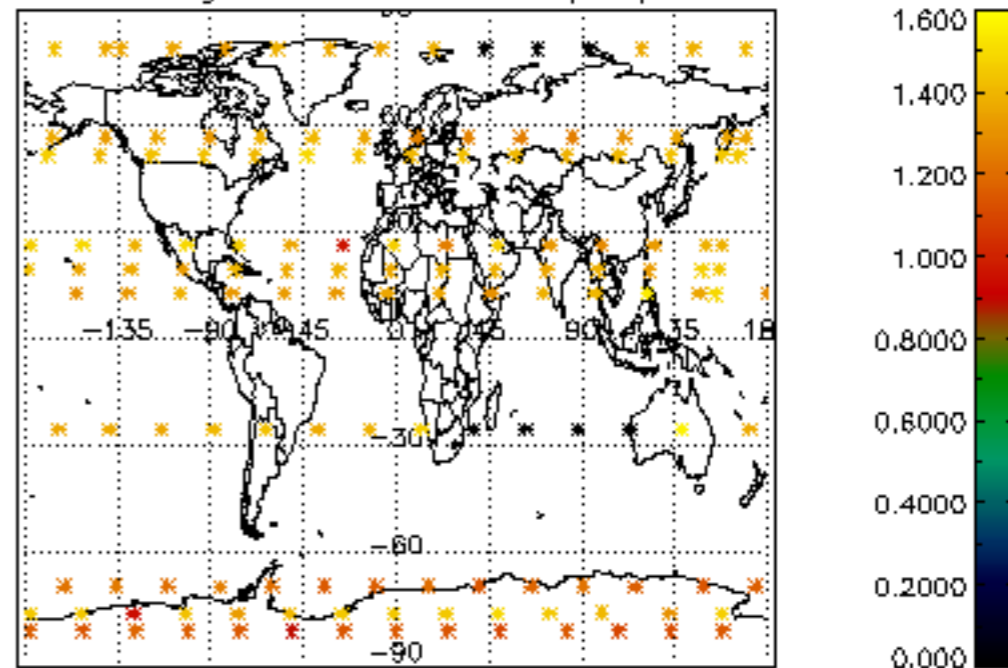
Percentage of saturation errors per profile



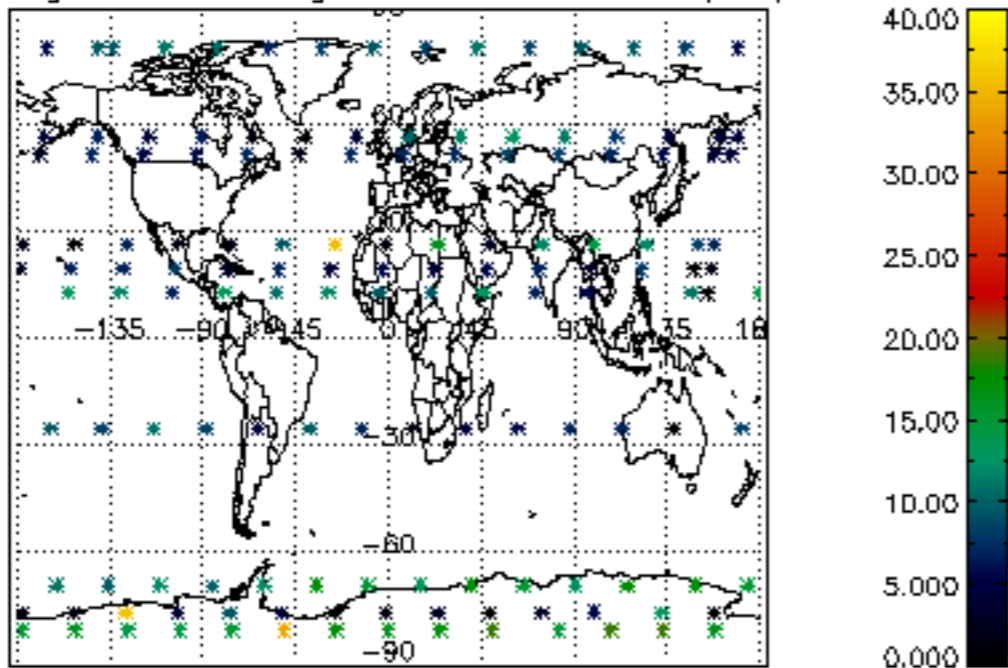
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

