

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	22APR2013 18:47:24
Data source version	GOMOS/6.01
Start time of products	23-04-2007 (23APR2007 00:00:00)
Stop time of products	24-04-2007 (24APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	316
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

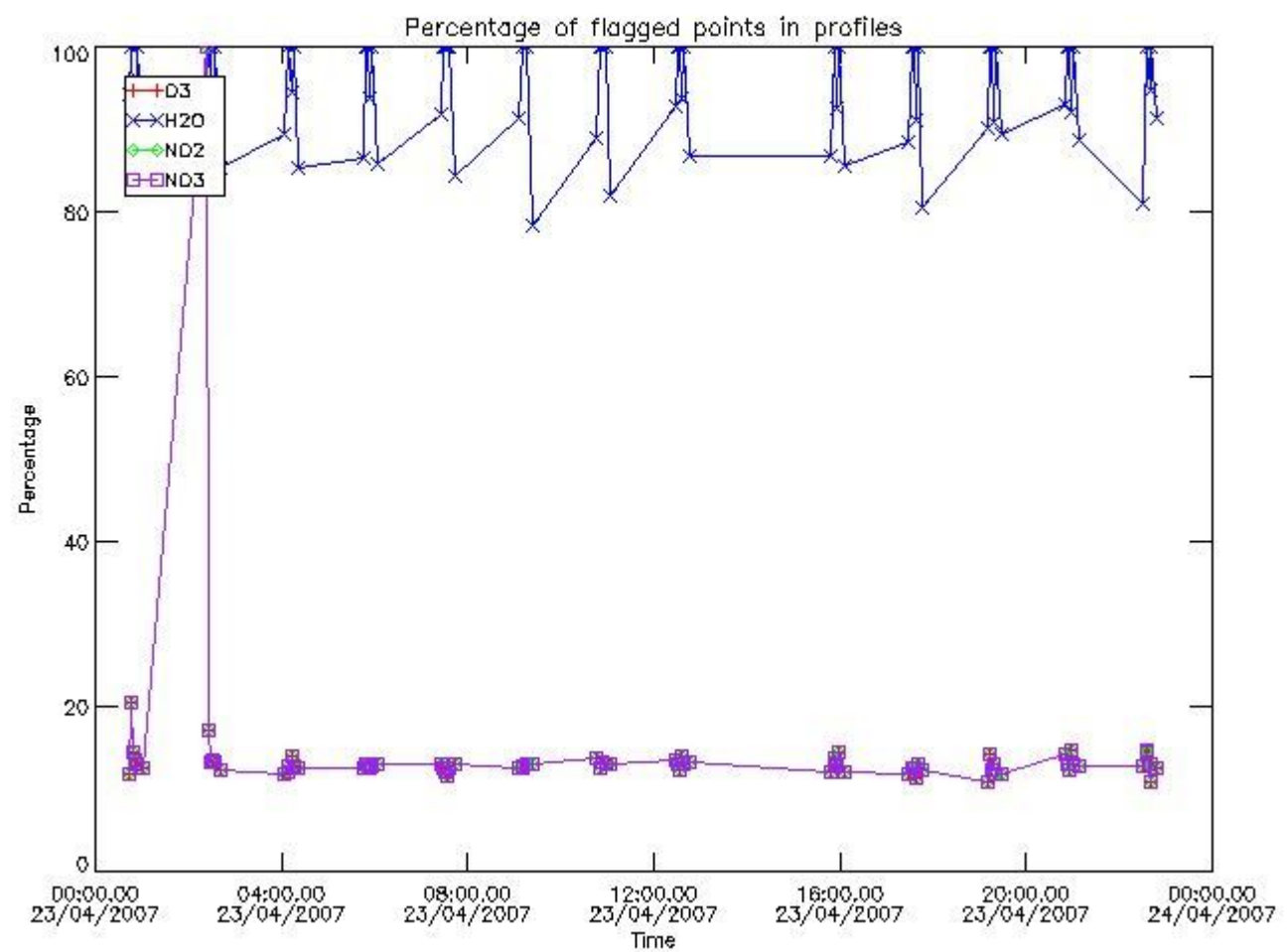
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070423_000057_00000522057_00288_26895_2204.N1	23-APR-2007 00:00:57	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	26895	No
2	GOM_NL__2PRFIN20070423_000848_000000332057_00288_26895_2205.N1	23-APR-2007 00:08:48	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26895	No
3	GOM_NL__2PRFIN20070423_001632_000000342057_00288_26895_2206.N1	23-APR-2007 00:16:32	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26895	No
4	GOM_NL__2PRFIN20070423_001750_000000412057_00288_26895_2207.N1	23-APR-2007 00:17:50	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	26895	No
5	GOM_NL__2PRFIN20070423_002615_000000442057_00288_26895_2208.N1	23-APR-2007 00:26:15	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	26895	No
6	GOM_NL__2PRFIN20070423_003025_000000402057_00288_26895_2209.N1	23-APR-2007 00:30:25	Twilight	39.500	90	54Alp Peg	2.4870	11000.	79	26895	No
7	GOM_NL__2PRFIN20070423_004257_000000432057_00288_26895_2210.N1	23-APR-2007 00:42:57	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26895	No
8	GOM_NL__2PRFIN20070423_004643_000000402057_00288_26895_2211.N1	23-APR-2007 00:46:43	Dark	39.500	172	Gam Gru	3.0030	13100.	79	26895	No
9	GOM_NL__2PRFIN20070423_004833_000000392057_00288_26895_2212.N1	23-APR-2007 00:48:33	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26895	No
10	GOM_NL__2PRFIN20070423_005132_000000382057_00288_26895_2213.N1	23-APR-2007 00:51:32	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	26895	No
11	GOM_NL__2PRFIN20070423_005347_000000392057_00289_26896_2203.N1	23-APR-2007 00:53:47	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26896	No
12	GOM_NL__2PRFIN20070423_010053_000000412057_00289_26896_2204.N1	23-APR-2007 01:00:53	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	26896	No
13	GOM_NL__2PRFIN20070423_010302_000000392057_00289_26896_2205.N1	23-APR-2007 01:03:02	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26896	No
14	GOM_NL__2PRFIN20070423_010518_000000442057_00289_26896_2206.N1	23-APR-2007 01:05:18	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	26896	No
15	GOM_NL__2PRFIN20070423_010836_000000402057_00289_26896_2207.N1	23-APR-2007 01:08:36	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	26896	No
16	GOM_NL__2PRFIN20070423_011010_000000402057_00289_26896_2208.N1	23-APR-2007 01:10:10	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26896	No
17	GOM_NL__2PRFIN20070423_011224_000000432057_00289_26896_2209.N1	23-APR-2007 01:12:24	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	26896	No
18	GOM_NL__2PRFIN20070423_011653_000000412057_00289_26896_2210.N1	23-APR-2007 01:16:53	Twilight	40.500	169	46Gam Hya	2.9910	4700.0	81	26896	No
19	GOM_NL__2PRFIN20070423_012020_000000412057_00289_26896_2211.N1	23-APR-2007 01:20:20	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	26896	No
20	GOM_NL__2PRFIN20070423_012322_000000352057_00289_26896_2212.N1	23-APR-2007 01:23:22	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26896	No
21	GOM_NL__2PRFIN20070423_012654_000000372057_00289_26896_2213.N1	23-APR-2007 01:26:54	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26896	No
22	GOM_NL__2PRFIN20070423_013450_000000352057_00289_26896_2214.N1	23-APR-2007 01:34:50	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26896	No
23	GOM_NL__2PRFIN20070423_013901_000000342057_00289_26896_2215.N1	23-APR-2007 01:39:01	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26896	No
24	GOM_NL__2PRFIN20070423_014133_000000332057_00289_26896_2216.N1	23-APR-2007 01:41:33	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	26896	No
25	GOM_NL__2PRFIN20070423_014924_000000342057_00289_26896_2217.N1	23-APR-2007 01:49:24	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	26896	No
26	GOM_NL__2PRFIN20070423_015708_000000342057_00289_26896_2218.N1	23-APR-2007 01:57:08	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26896	No
27	GOM_NL__2PRFIN20070423_015826_000000352057_00289_26896_2219.N1	23-APR-2007 01:58:26	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	26896	No
28	GOM_NL__2PRFIN20070423_020651_000000512057_00289_26896_2220.N1	23-APR-2007 02:06:51	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	26896	No
29	GOM_NL__2PRFIN20070423_021101_000000402057_00289_26896_2221.N1	23-APR-2007 02:11:01	Twilight	39.500	90	54Alp Peg	2.4870	11000.	79	26896	No
30	GOM_NL__2PRFIN20070423_022333_000000432057_00289_26896_2222.N1	23-APR-2007 02:23:33	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26896	No
31	GOM_NL__2PRFIN20070423_022719_000000392057_00289_26896_2223.N1	23-APR-2007 02:27:19	Dark	38.500	172	Gam Gru	3.0030	13100.	77	26896	No
32	GOM_NL__2PRFIN20070423_022910_000000392057_00289_26896_2224.N1	23-APR-2007 02:29:10	Dark	38.500	31	Alp Gru	1.7340	15200.	77	26896	No
33	GOM_NL__2PRFIN20070423_023208_000000382057_00289_26896_2225.N1	23-APR-2007 02:32:08	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	26896	No
34	GOM_NL__2PRFIN20070423_023424_000000392057_00290_26897_2219.N1	23-APR-2007 02:34:24	Dark	38.500	45	Alp Pav	1.9400	26000.	77	26897	No
35	GOM_NL__2PRFIN20070423_024129_000000422057_00290_26897_2220.N1	23-APR-2007 02:41:29	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	26897	No
36	GOM_NL__2PRFIN20070423_024339_000000382057_00290_26897_2221.N1	23-APR-2007 02:43:39	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26897	No
37	GOM_NL__2PRFIN20070423_024554_000000522057_00290_26897_2222.N1	23-APR-2007 02:45:54	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	26897	No
38	GOM_NL__2PRFIN20070423_024912_000000402057_00290_26897_2223.N1	23-APR-2007 02:49:12	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26897	No
39	GOM_NL__2PRFIN20070423_025046_000000422057_00290_26897_2224.N1	23-APR-2007 02:50:46	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26897	No
40	GOM_NL__2PRFIN20070423_025300_000000452057_00290_26897_2225.N1	23-APR-2007 02:53:00	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	26897	No
41	GOM_NL__2PRFIN20070423_025729_000000422057_00290_26897_2226.N1	23-APR-2007 02:57:29	Twilight	41.500	169	46Gam Hya	2.9910	4700.0	83	26897	No
42	GOM_NL__2PRFIN20070423_030056_000000402057_00290_26897_2227.N1	23-APR-2007 03:00:56	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26897	No

279	GOM_NL__2PRFIN20070423_211939_000000452057_00301_26908_2414.N1	23-APR-2007 21:19:39	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	26908	No
280	GOM_NL__2PRFIN20070423_212406_000000422057_00301_26908_2415.N1	23-APR-2007 21:24:06	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	26908	No
281	GOM_NL__2PRFIN20070423_212733_000000402057_00301_26908_2416.N1	23-APR-2007 21:27:33	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	26908	No
282	GOM_NL__2PRFIN20070423_213035_000000372057_00301_26908_2417.N1	23-APR-2007 21:30:35	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26908	No
283	GOM_NL__2PRFIN20070423_213405_000000362057_00301_26908_2418.N1	23-APR-2007 21:34:05	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26908	No
284	GOM_NL__2PRFIN20070423_213528_000000352057_00301_26908_2419.N1	23-APR-2007 21:35:28	Bright	34.500	62	94Bet Leo	2.1360	9700.0	69	26908	No
285	GOM_NL__2PRFIN20070423_214159_000000362057_00301_26908_2420.N1	23-APR-2007 21:41:59	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26908	No
286	GOM_NL__2PRFIN20070423_214613_000000332057_00301_26908_2421.N1	23-APR-2007 21:46:13	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26908	No
287	GOM_NL__2PRFIN20070423_214846_000000372057_00301_26908_2422.N1	23-APR-2007 21:48:46	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26908	No
288	GOM_NL__2PRFIN20070423_215636_000000342057_00301_26908_2423.N1	23-APR-2007 21:56:36	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26908	No
289	GOM_NL__2PRFIN20070423_220422_000000342057_00301_26908_2424.N1	23-APR-2007 22:04:22	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26908	No
290	GOM_NL__2PRFIN20070423_220539_000000512057_00301_26908_2425.N1	23-APR-2007 22:05:39	Bright	51.000	68	18Alp Cas	2.2250	4500.0	102	26908	No
291	GOM_NL__2PRFIN20070423_221430_000000402057_00301_26908_2426.N1	23-APR-2007 22:14:30	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	26908	No
292	GOM_NL__2PRFIN20070423_221815_000000422057_00301_26908_2427.N1	23-APR-2007 22:18:15	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	26908	No
293	GOM_NL__2PRFIN20070423_223049_000000402057_00301_26908_2428.N1	23-APR-2007 22:30:49	Dark	40.000	18	24Alp PsA	1.1660	9700.0	80	26908	No
294	GOM_NL__2PRFIN20070423_223438_000000382057_00301_26908_2429.N1	23-APR-2007 22:34:38	Dark	38.000	172	Gam Gru	3.0030	13100.	76	26908	No
295	GOM_NL__2PRFIN20070423_223626_000000392057_00301_26908_2430.N1	23-APR-2007 22:36:26	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26908	No
296	GOM_NL__2PRFIN20070423_223923_000000472057_00301_26908_2431.N1	23-APR-2007 22:39:23	Dark	47.000	148	Alp Tuc	2.8780	4100.0	94	26908	No
297	GOM_NL__2PRFIN20070423_224142_000000402057_00302_26909_2419.N1	23-APR-2007 22:41:42	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26909	No
298	GOM_NL__2PRFIN20070423_224845_000000412057_00302_26909_2420.N1	23-APR-2007 22:48:45	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	26909	No
299	GOM_NL__2PRFIN20070423_225055_000000382057_00302_26909_2421.N1	23-APR-2007 22:50:55	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26909	No
300	GOM_NL__2PRFIN20070423_225309_000000472057_00302_26909_2422.N1	23-APR-2007 22:53:09	Straylight	47.000	4	Alp1Cen	-0.010000	5800.0	94	26909	No
301	GOM_NL__2PRFIN20070423_225628_000000412057_00302_26909_2423.N1	23-APR-2007 22:56:28	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	26909	No
302	GOM_NL__2PRFIN20070423_225802_000000422057_00302_26909_2424.N1	23-APR-2007 22:58:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26909	No
303	GOM_NL__2PRFIN20070423_230015_000000462057_00302_26909_2425.N1	23-APR-2007 23:00:15	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26909	No
304	GOM_NL__2PRFIN20070423_230442_000000402057_00302_26909_2426.N1	23-APR-2007 23:04:42	Tw_i_and_stray	39.500	169	46Gam Hya	2.9910	4700.0	79	26909	No
305	GOM_NL__2PRFIN20070423_230809_000000402057_00302_26909_2427.N1	23-APR-2007 23:08:09	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26909	No
306	GOM_NL__2PRFIN20070423_231111_000000372057_00302_26909_2428.N1	23-APR-2007 23:11:11	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26909	No
307	GOM_NL__2PRFIN20070423_231441_000000362057_00302_26909_2429.N1	23-APR-2007 23:14:41	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26909	No
308	GOM_NL__2PRFIN20070423_231604_000000352057_00302_26909_2430.N1	23-APR-2007 23:16:04	Bright	35.000	62	94Bet Leo	2.1360	9700.0	70	26909	No
309	GOM_NL__2PRFIN20070423_232235_000000352057_00302_26909_2431.N1	23-APR-2007 23:22:35	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26909	No
310	GOM_NL__2PRFIN20070423_232649_000000332057_00302_26909_2432.N1	23-APR-2007 23:26:49	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26909	No
311	GOM_NL__2PRFIN20070423_232922_000000362057_00302_26909_2433.N1	23-APR-2007 23:29:22	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26909	No
312	GOM_NL__2PRFIN20070423_233711_000000352057_00302_26909_2434.N1	23-APR-2007 23:37:11	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26909	No
313	GOM_NL__2PRFIN20070423_234457_000000342057_00302_26909_2435.N1	23-APR-2007 23:44:57	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26909	No
314	GOM_NL__2PRFIN20070423_234615_000000522057_00302_26909_2436.N1	23-APR-2007 23:46:15	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26909	No
315	GOM_NL__2PRFIN20070423_235506_000000372057_00302_26909_2437.N1	23-APR-2007 23:55:06	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	26909	No
316	GOM_NL__2PRFIN20070423_235851_000000402057_00302_26909_2438.N1	23-APR-2007 23:58:51	Tw_i_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	26909	No

3. Quality information per product

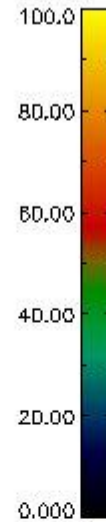
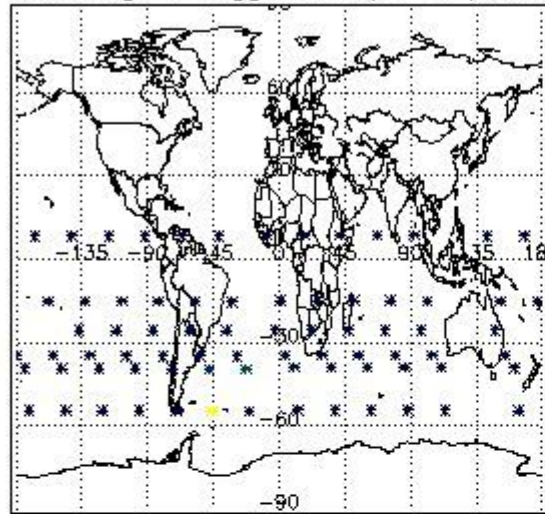
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

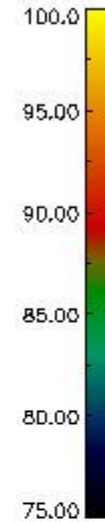
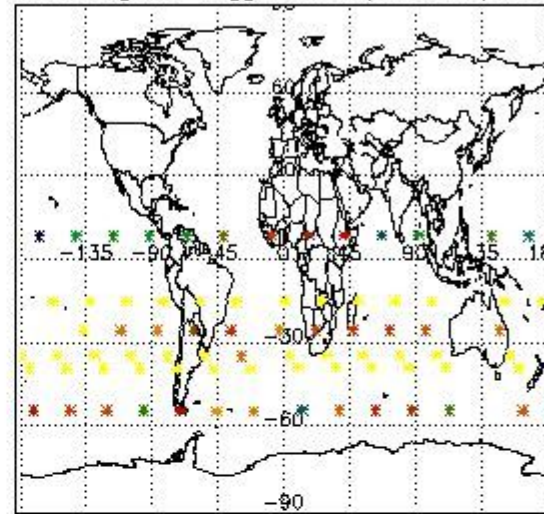


3.2 Plot quality information per product (world map)

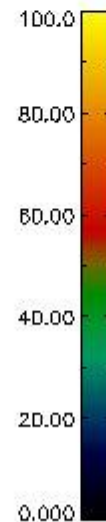
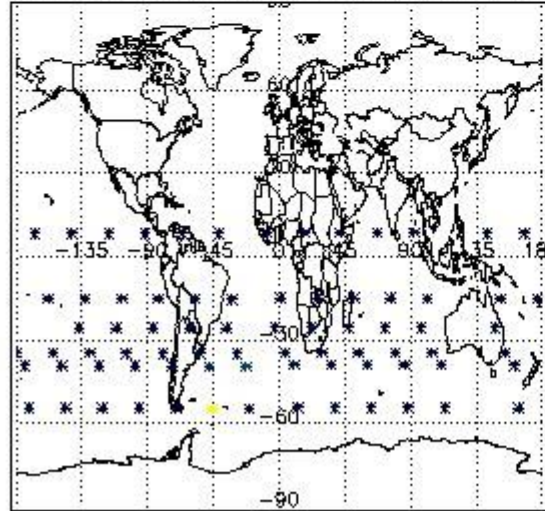
Percentage of flagged data per O3 profile



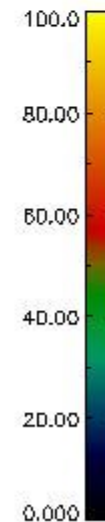
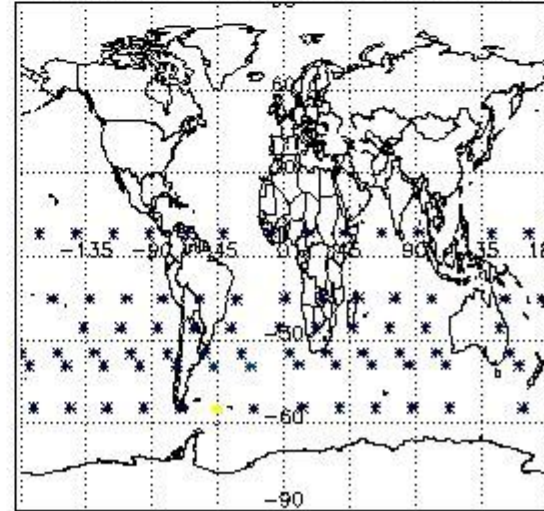
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

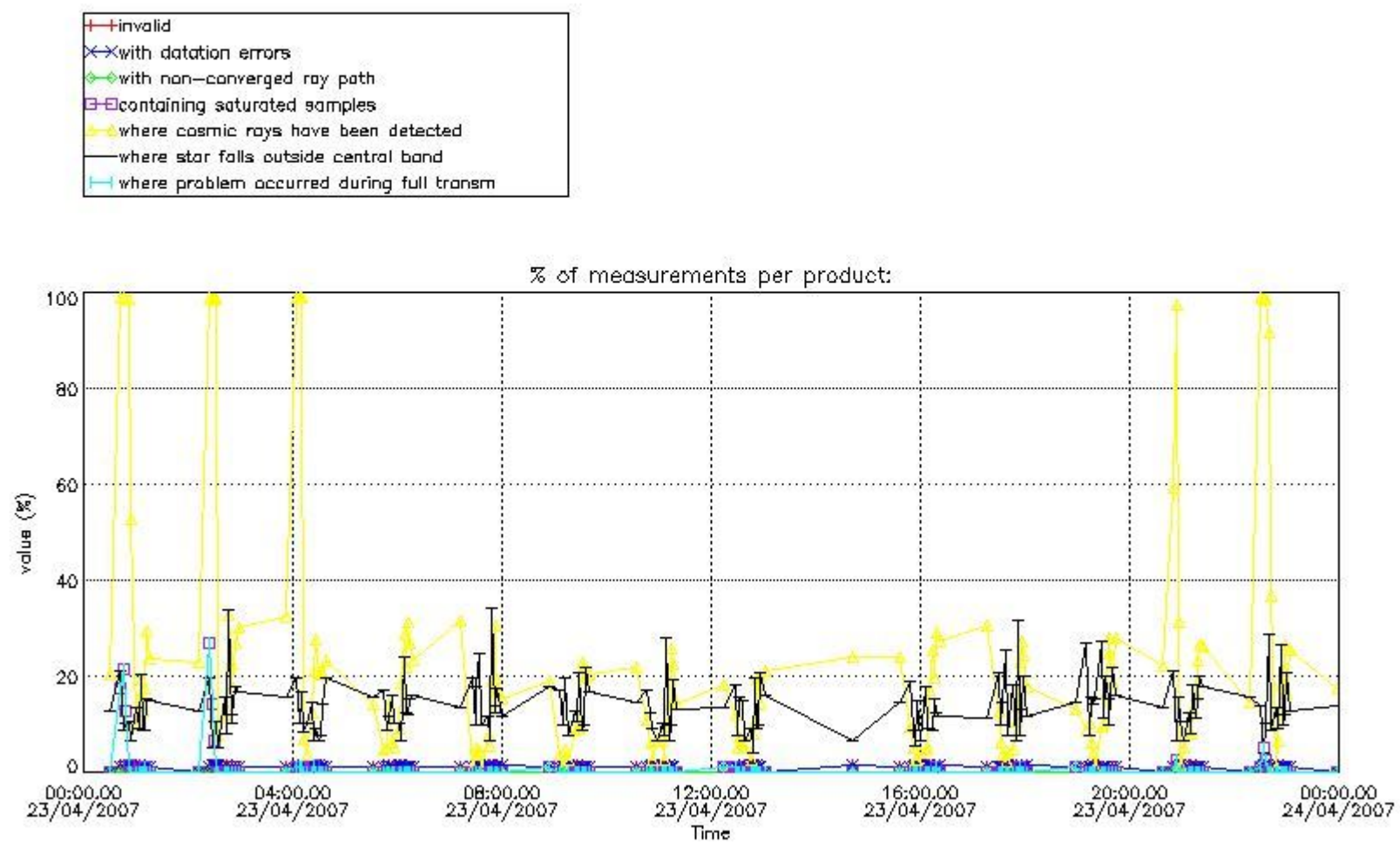


4. Level 1 quality information per product

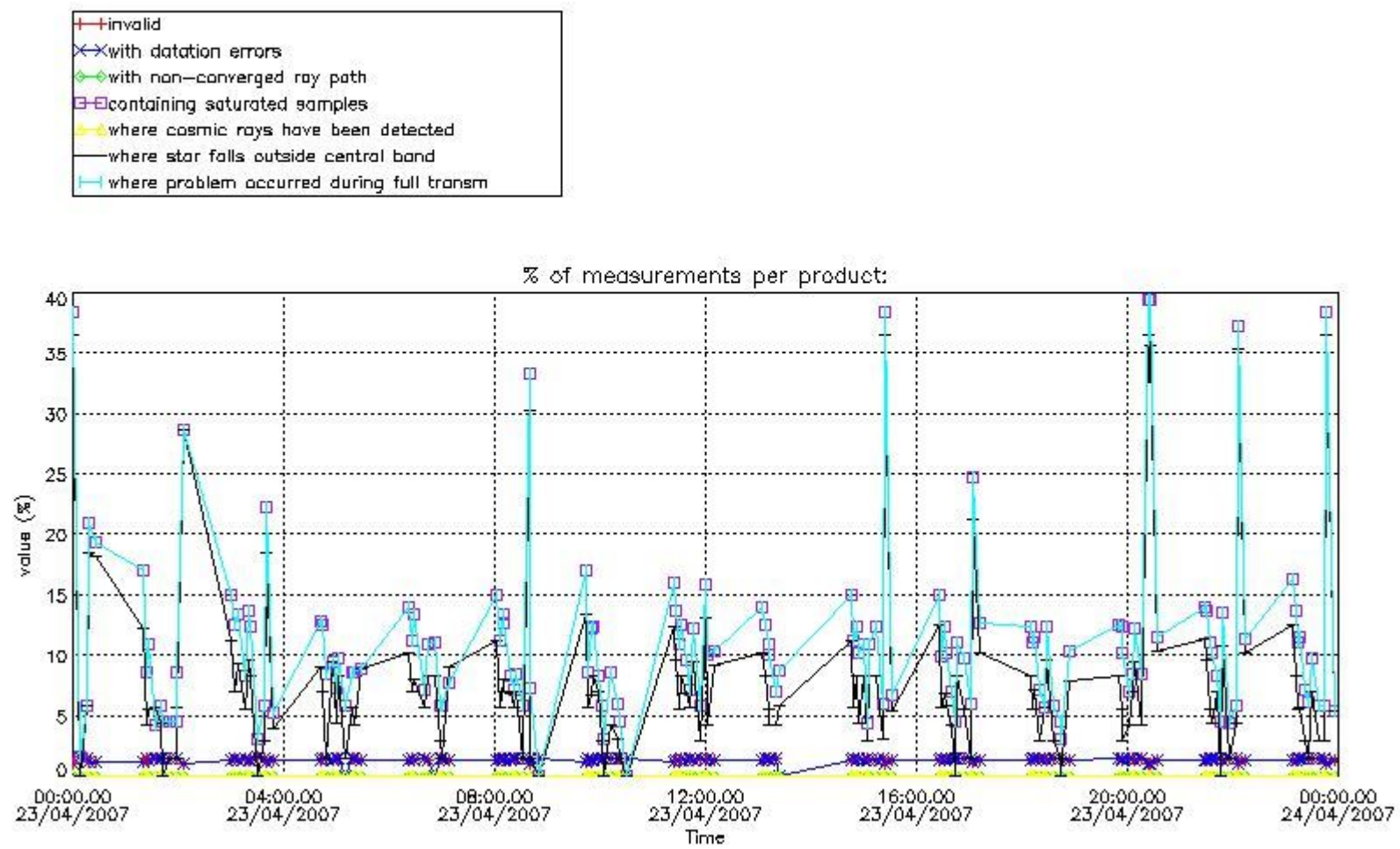
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

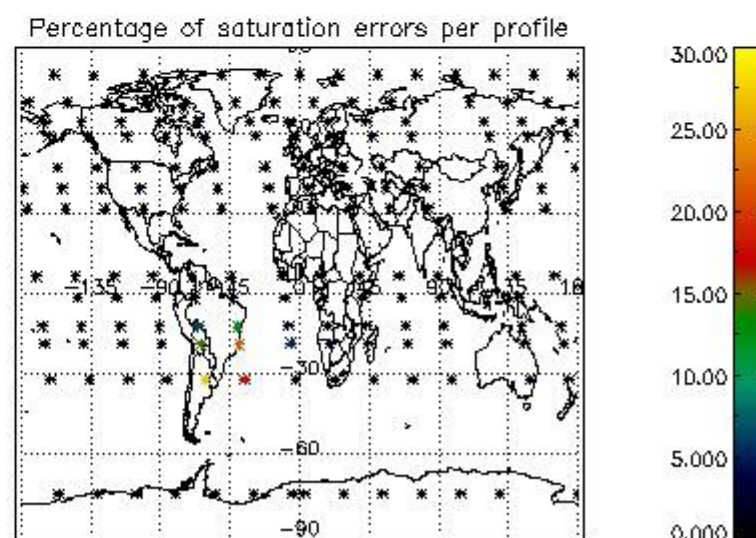
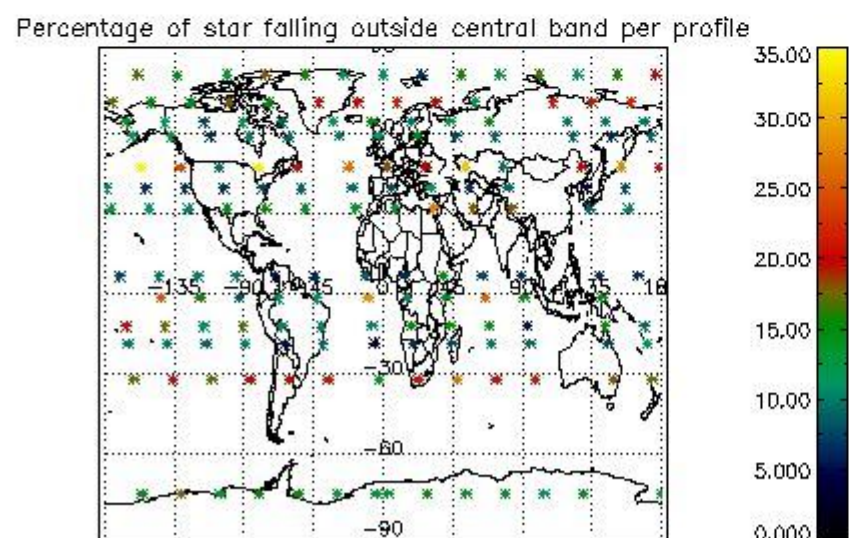
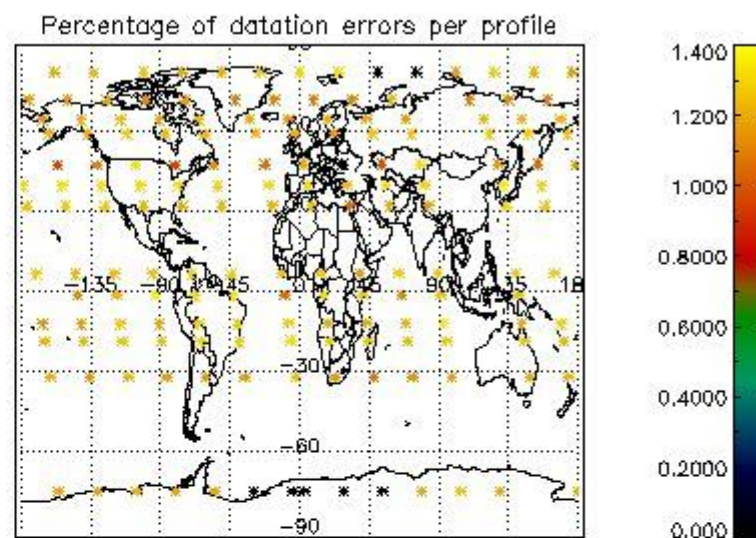
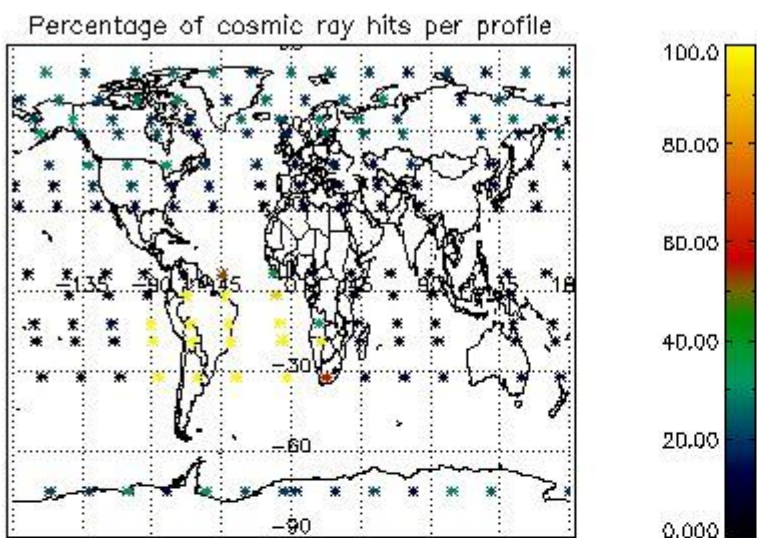


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

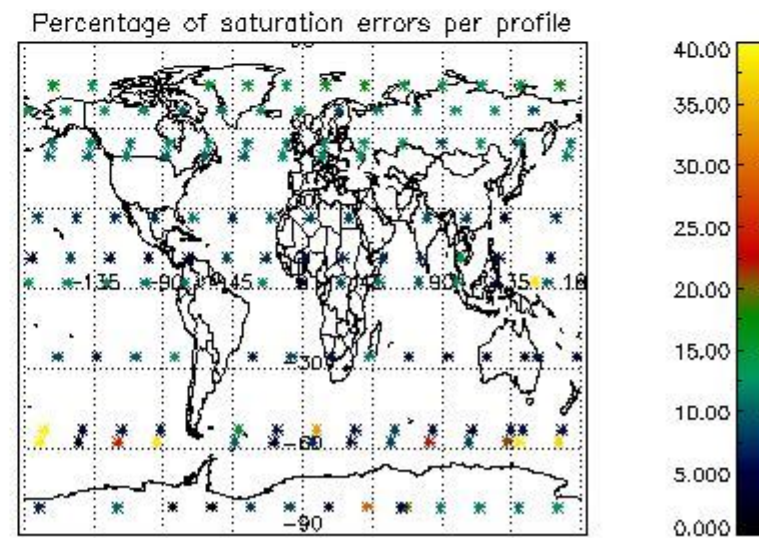
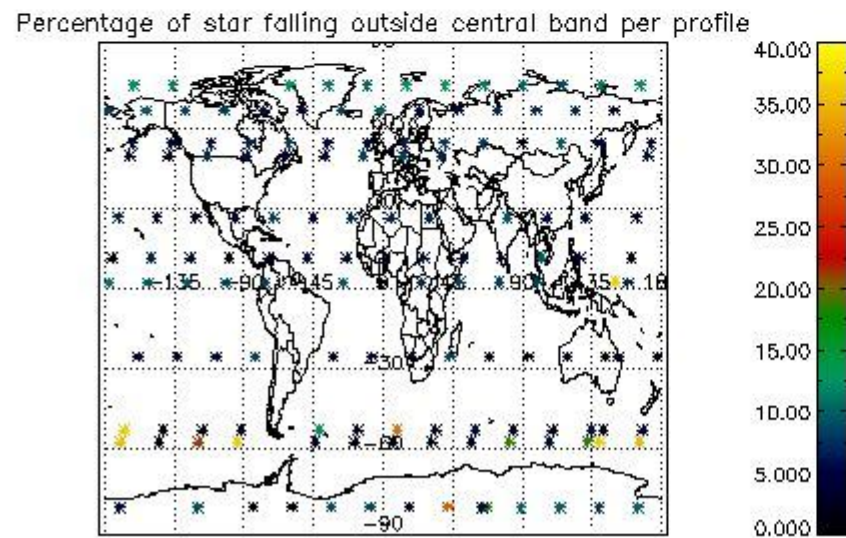
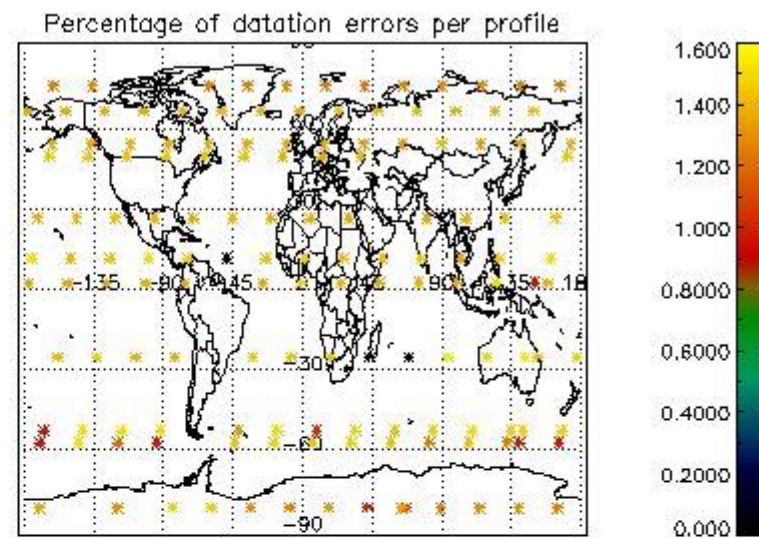
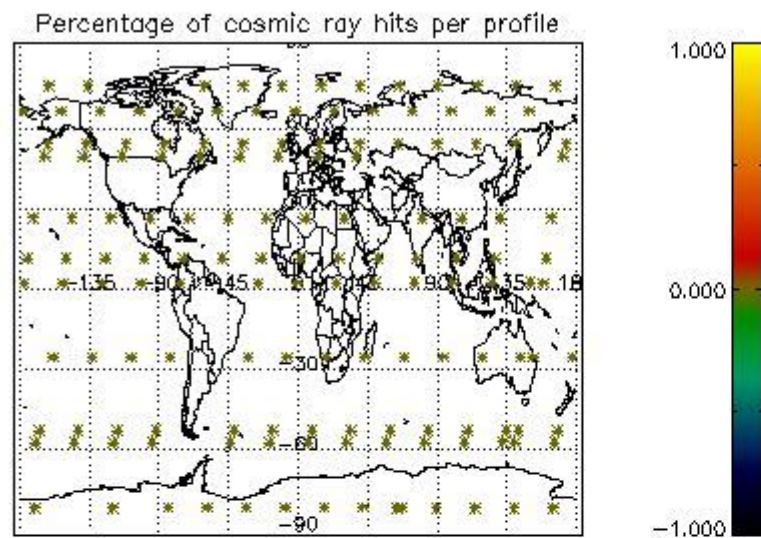


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

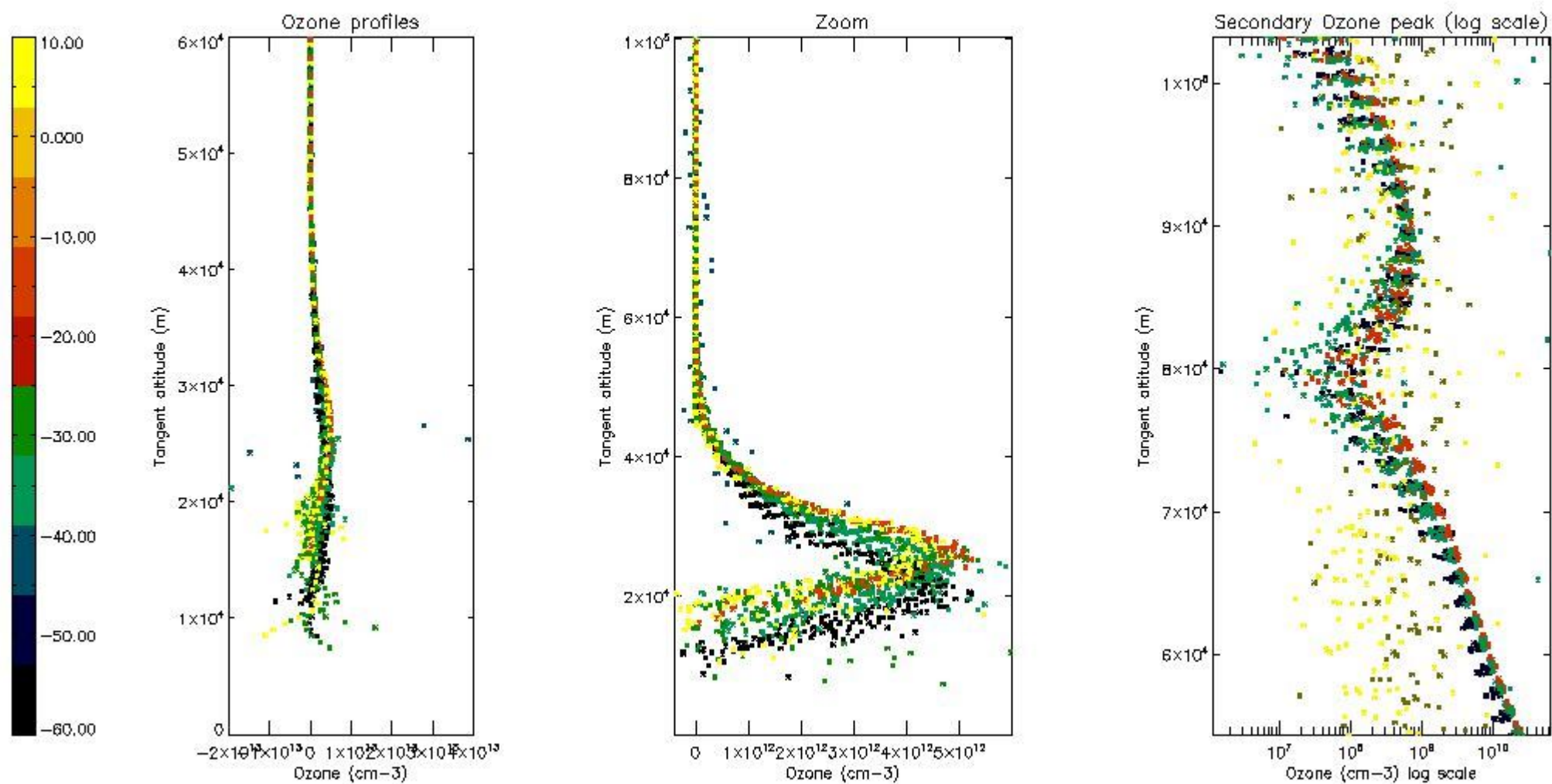
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	10
STD < 5	6

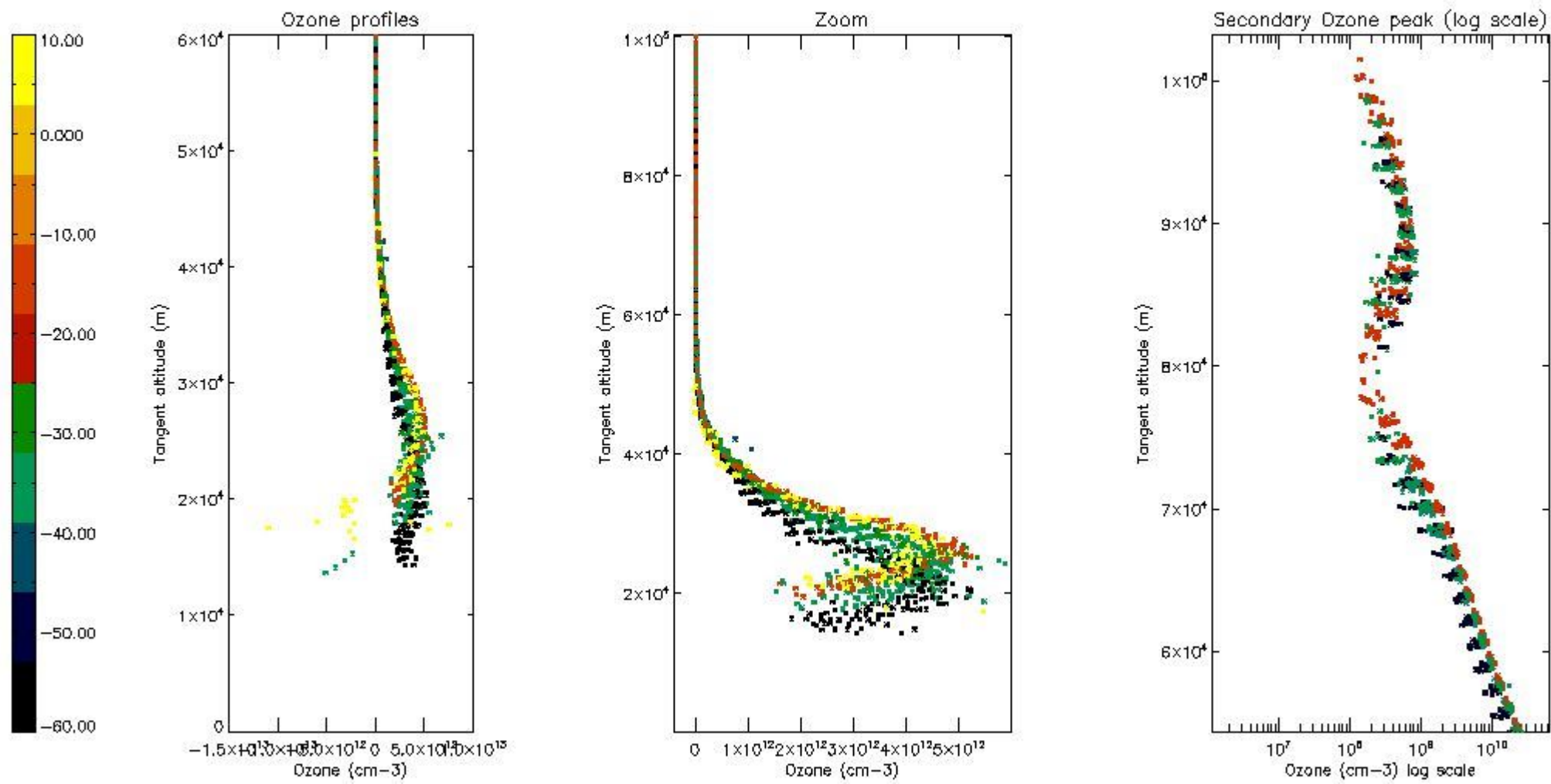
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



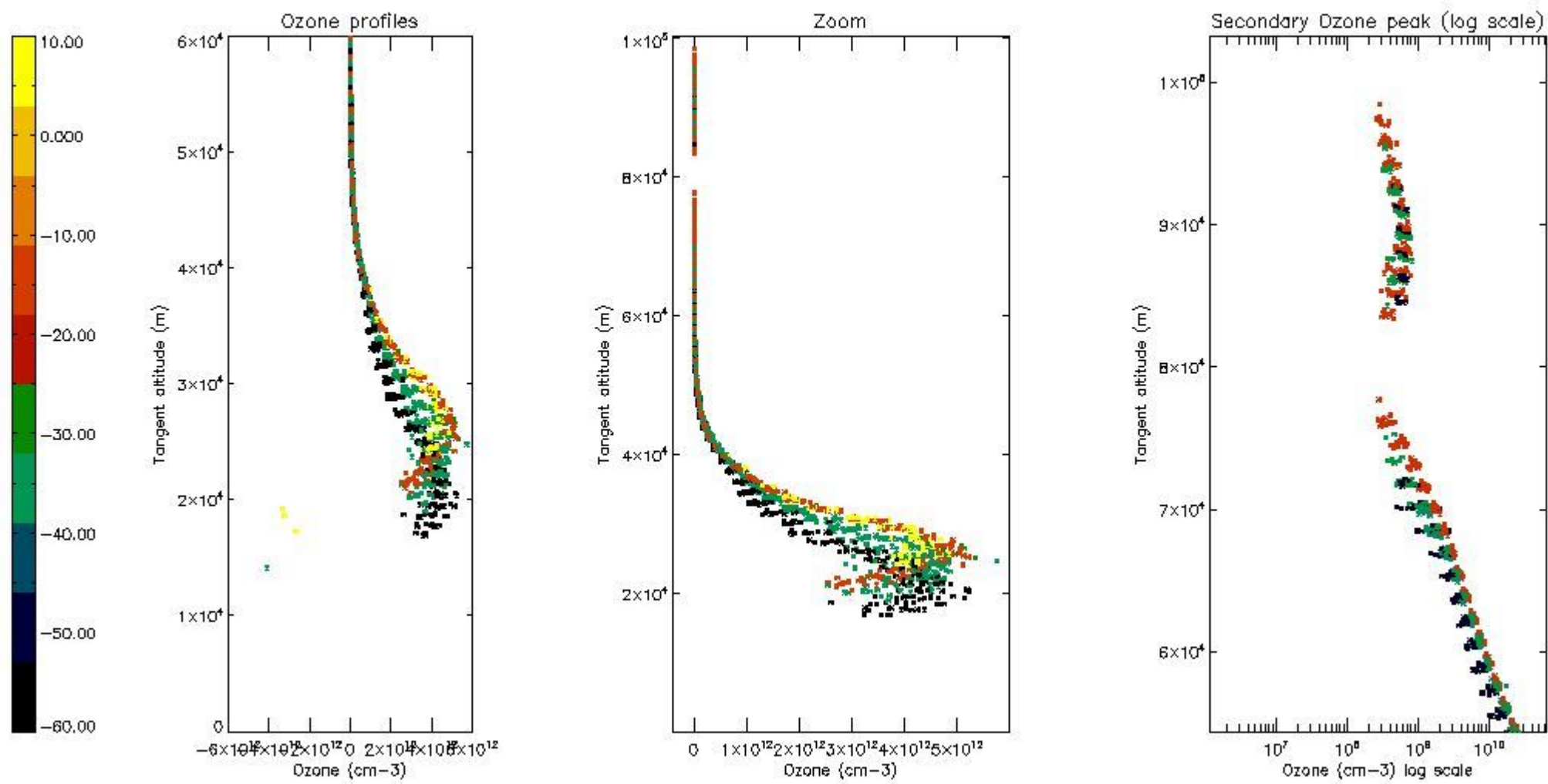
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



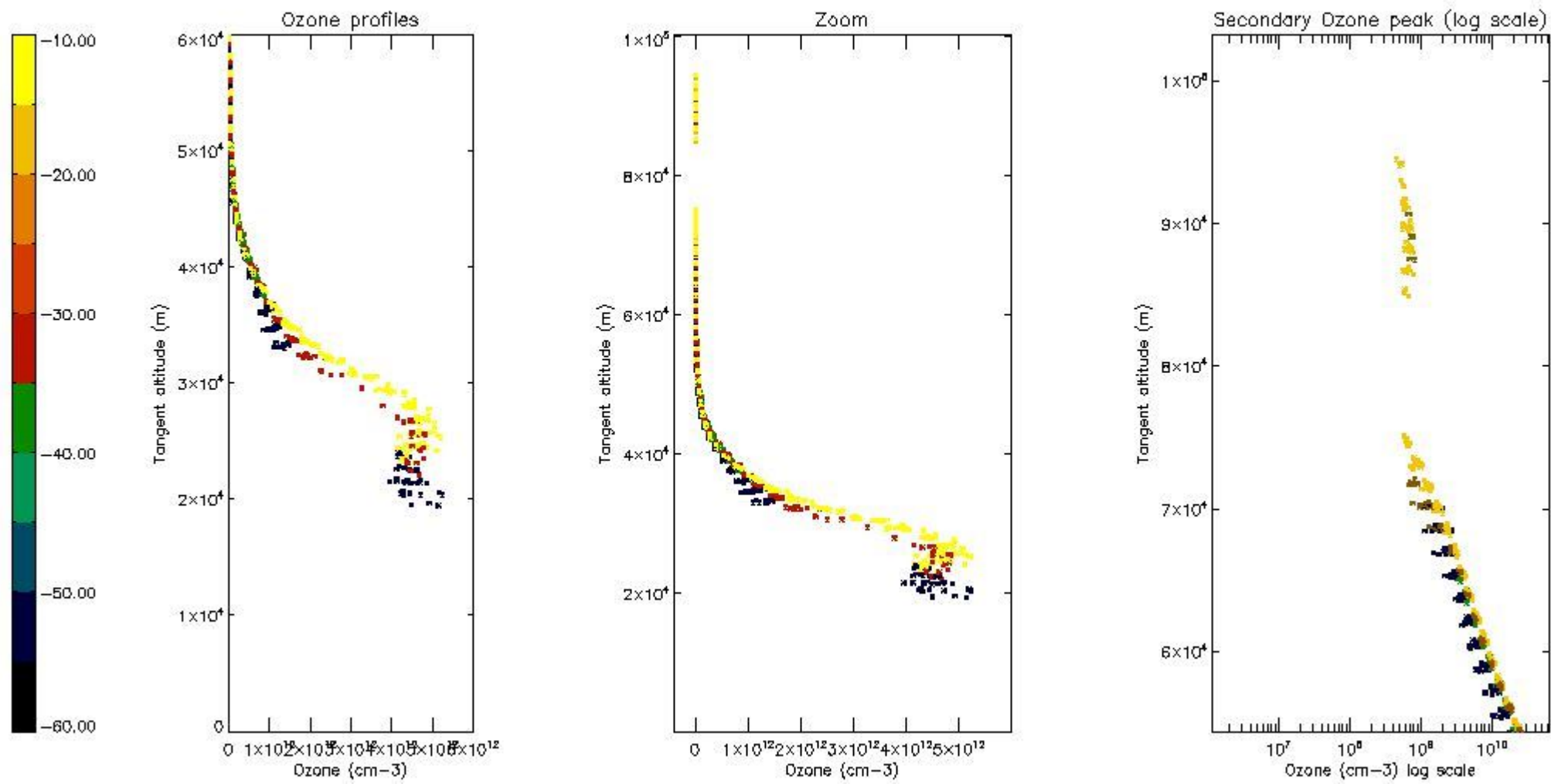
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



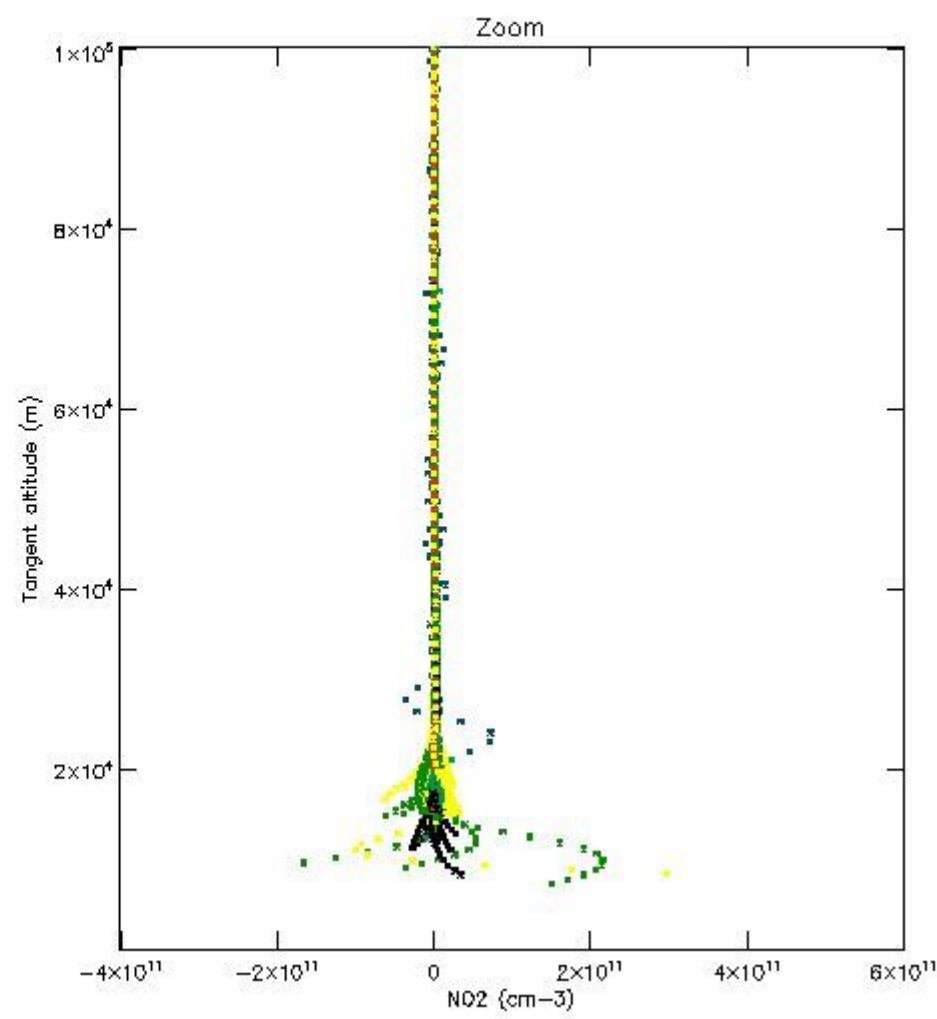
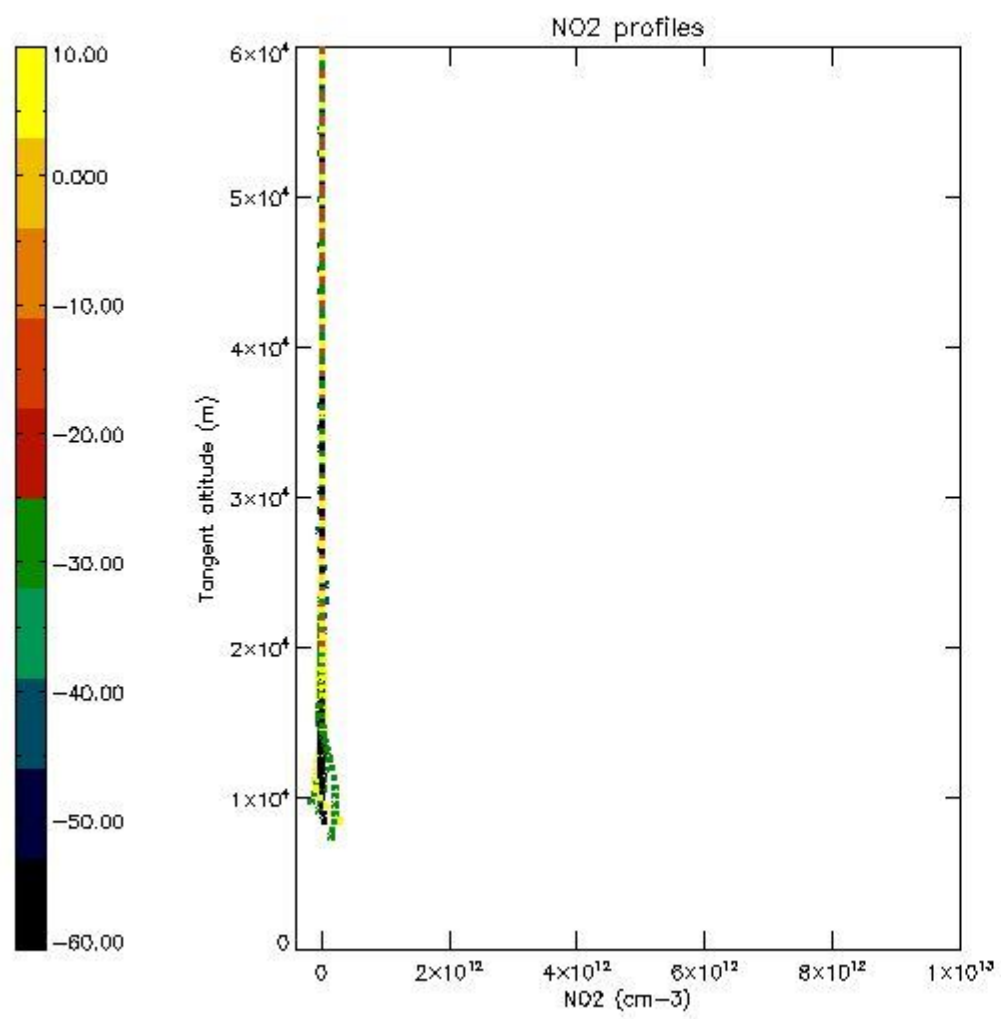
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



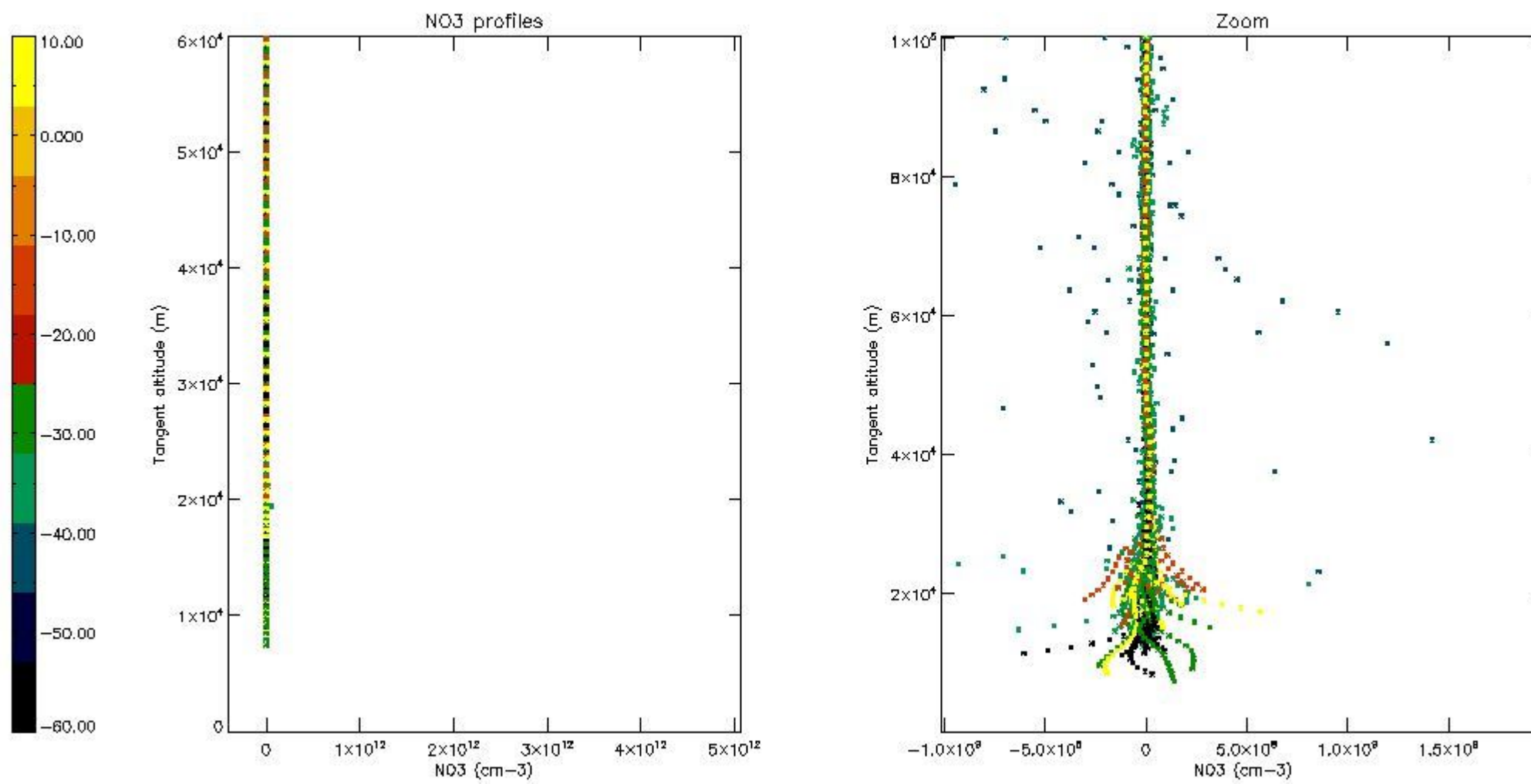
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	23-APR-2007 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-APR-2007 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-APR-2007 00:00:57

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 18:47:24
Data source version	GOMOS/6.01
Start time of products	23-04-2007 (23APR2007 00:00:00)
Stop time of products	24-04-2007 (24APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	316
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__2PRFIN20070423_000057_00000522057_00288_26895_2204.N1	23-APR-2007 00:00:57	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	26895	No
2	GOM_NL__2PRFIN20070423_000848_00000332057_00288_26895_2205.N1	23-APR-2007 00:08:48	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26895	No
3	GOM_NL__2PRFIN20070423_001632_00000342057_00288_26895_2206.N1	23-APR-2007 00:16:32	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26895	No
4	GOM_NL__2PRFIN20070423_001750_000000412057_00288_26895_2207.N1	23-APR-2007 00:17:50	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	26895	No
5	GOM_NL__2PRFIN20070423_002615_000000442057_00288_26895_2208.N1	23-APR-2007 00:26:15	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	26895	No
6	GOM_NL__2PRFIN20070423_003025_000000402057_00288_26895_2209.N1	23-APR-2007 00:30:25	Twilight	39.500	90	54Alp Peg	2.4870	11000.	79	26895	No
7	GOM_NL__2PRFIN20070423_004257_000000432057_00288_26895_2210.N1	23-APR-2007 00:42:57	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26895	No
8	GOM_NL__2PRFIN20070423_004643_000000402057_00288_26895_2211.N1	23-APR-2007 00:46:43	Dark	39.500	172	Gam Gru	3.0030	13100.	79	26895	No
9	GOM_NL__2PRFIN20070423_004833_000000392057_00288_26895_2212.N1	23-APR-2007 00:48:33	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26895	No
10	GOM_NL__2PRFIN20070423_005132_000000382057_00288_26895_2213.N1	23-APR-2007 00:51:32	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	26895	No
11	GOM_NL__2PRFIN20070423_005347_000000392057_00289_26896_2203.N1	23-APR-2007 00:53:47	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26896	No
12	GOM_NL__2PRFIN20070423_010053_000000412057_00289_26896_2204.N1	23-APR-2007 01:00:53	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	26896	No
13	GOM_NL__2PRFIN20070423_010302_000000392057_00289_26896_2205.N1	23-APR-2007 01:03:02	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26896	No
14	GOM_NL__2PRFIN20070423_010518_000000442057_00289_26896_2206.N1	23-APR-2007 01:05:18	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	26896	No
15	GOM_NL__2PRFIN20070423_010836_000000402057_00289_26896_2207.N1	23-APR-2007 01:08:36	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	26896	No
16	GOM_NL__2PRFIN20070423_011010_000000402057_00289_26896_2208.N1	23-APR-2007 01:10:10	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26896	No
17	GOM_NL__2PRFIN20070423_011224_000000432057_00289_26896_2209.N1	23-APR-2007 01:12:24	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	26896	No
18	GOM_NL__2PRFIN20070423_011653_000000412057_00289_26896_2210.N1	23-APR-2007 01:16:53	Twilight	40.500	169	46Gam Hya	2.9910	4700.0	81	26896	No
19	GOM_NL__2PRFIN20070423_012020_000000412057_00289_26896_2211.N1	23-APR-2007 01:20:20	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	26896	No
20	GOM_NL__2PRFIN20070423_012322_000000352057_00289_26896_2212.N1	23-APR-2007 01:23:22	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26896	No
21	GOM_NL__2PRFIN20070423_012654_000000372057_00289_26896_2213.N1	23-APR-2007 01:26:54	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26896	No
22	GOM_NL__2PRFIN20070423_013450_000000352057_00289_26896_2214.N1	23-APR-2007 01:34:50	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26896	No
23	GOM_NL__2PRFIN20070423_013901_000000342057_00289_26896_2215.N1	23-APR-2007 01:39:01	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26896	No
24	GOM_NL__2PRFIN20070423_014133_000000332057_00289_26896_2216.N1	23-APR-2007 01:41:33	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	26896	No
25	GOM_NL__2PRFIN20070423_014924_000000342057_00289_26896_2217.N1	23-APR-2007 01:49:24	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	26896	No
26	GOM_NL__2PRFIN20070423_015708_000000342057_00289_26896_2218.N1	23-APR-2007 01:57:08	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26896	No
27	GOM_NL__2PRFIN20070423_015826_000000352057_00289_26896_2219.N1	23-APR-2007 01:58:26	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	26896	No
28	GOM_NL__2PRFIN20070423_020651_000000512057_00289_26896_2220.N1	23-APR-2007 02:06:51	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	26896	No
29	GOM_NL__2PRFIN20070423_021101_000000402057_00289_26896_2221.N1	23-APR-2007 02:11:01	Twilight	39.500	90	54Alp Peg	2.4870	11000.	79	26896	No
30	GOM_NL__2PRFIN20070423_022333_000000432057_00289_26896_2222.N1	23-APR-2007 02:23:33	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26896	No
31	GOM_NL__2PRFIN20070423_022719_000000392057_00289_26896_2223.N1	23-APR-2007 02:27:19	Dark	38.500	172	Gam Gru	3.0030	13100.	77	26896	No
32	GOM_NL__2PRFIN20070423_022910_000000392057_00289_26896_2224.N1	23-APR-2007 02:29:10	Dark	38.500	31	Alp Gru	1.7340	15200.	77	26896	No
33	GOM_NL__2PRFIN20070423_023208_000000382057_00289_26896_2225.N1	23-APR-2007 02:32:08	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	26896	No
34	GOM_NL__2PRFIN20070423_023424_000000392057_00290_26897_2219.N1	23-APR-2007 02:34:24	Dark	38.500	45	Alp Pav	1.9400	26000.	77	26897	No
35	GOM_NL__2PRFIN20070423_024129_000000422057_00290_26897_2220.N1	23-APR-2007 02:41:29	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	26897	No
36	GOM_NL__2PRFIN20070423_024339_000000382057_00290_26897_2221.N1	23-APR-2007 02:43:39	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26897	No
37	GOM_NL__2PRFIN20070423_024554_000000522057_00290_26897_2222.N1	23-APR-2007 02:45:54	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	26897	No
38	GOM_NL__2PRFIN20070423_024912_000000402057_00290_26897_2223.N1	23-APR-2007 02:49:12	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26897	No
39	GOM_NL__2PRFIN20070423_025046_000000422057_00290_26897_2224.N1	23-APR-2007 02:50:46	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26897	No
40	GOM_NL__2PRFIN20070423_025300_000000452057_00290_26897_2225.N1	23-APR-2007 02:53:00	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	26897	No
41	GOM_NL__2PRFIN20070423_025729_000000422057_00290_26897_2226.N1	23-APR-2007 02:57:29	Twilight	41.500	169	46Gam Hya	2.9910	4700.0	83	26897	No
42	GOM_NL__2PRFIN20070423_030056_000000402057_00290_26897_2227.N1	23-APR-2007 03:00:56	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26897	No

43	GOM_NL__2PRFIN20070423_030358_000000362057_00290_26897_2228.N1	23-APR-2007 03:03:58	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26897	No
44	GOM_NL__2PRFIN20070423_030730_000000382057_00290_26897_2229.N1	23-APR-2007 03:07:30	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	26897	No
45	GOM_NL__2PRFIN20070423_031525_000000362057_00290_26897_2230.N1	23-APR-2007 03:15:25	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26897	No
46	GOM_NL__2PRFIN20070423_031937_000000372057_00290_26897_2231.N1	23-APR-2007 03:19:37	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	26897	No
47	GOM_NL__2PRFIN20070423_032209_000000372057_00290_26897_2232.N1	23-APR-2007 03:22:09	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26897	No
48	GOM_NL__2PRFIN20070423_033000_000000332057_00290_26897_2233.N1	23-APR-2007 03:30:00	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26897	No
49	GOM_NL__2PRFIN20070423_033744_000000342057_00290_26897_2234.N1	23-APR-2007 03:37:44	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26897	No
50	GOM_NL__2PRFIN20070423_033902_000000412057_00290_26897_2235.N1	23-APR-2007 03:39:02	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	26897	No
51	GOM_NL__2PRFIN20070423_034727_000000382057_00290_26897_2236.N1	23-APR-2007 03:47:27	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	26897	No
52	GOM_NL__2PRFIN20070423_035137_000000422057_00290_26897_2237.N1	23-APR-2007 03:51:37	Twi_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	26897	No
53	GOM_NL__2PRFIN20070423_040409_000000432057_00290_26897_2238.N1	23-APR-2007 04:04:09	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26897	No
54	GOM_NL__2PRFIN20070423_040756_000000402057_00290_26897_2239.N1	23-APR-2007 04:07:56	Dark	40.000	172	Gam Gru	3.0030	13100.	80	26897	No
55	GOM_NL__2PRFIN20070423_040946_000000422057_00290_26897_2240.N1	23-APR-2007 04:09:46	Dark	42.000	31	Alp Gru	1.7340	15200.	84	26897	No
56	GOM_NL__2PRFIN20070423_041245_000000372057_00290_26897_2241.N1	23-APR-2007 04:12:45	Dark	36.500	148	Alp Tuc	2.8780	4100.0	73	26897	No
57	GOM_NL__2PRFIN20070423_041501_000000402057_00291_26898_2235.N1	23-APR-2007 04:15:01	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26898	No
58	GOM_NL__2PRFIN20070423_042206_000000412057_00291_26898_2236.N1	23-APR-2007 04:22:06	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	26898	No
59	GOM_NL__2PRFIN20070423_042415_000000382057_00291_26898_2237.N1	23-APR-2007 04:24:15	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26898	No
60	GOM_NL__2PRFIN20070423_042630_000000382057_00291_26898_2238.N1	23-APR-2007 04:26:30	Straylight	38.000	4	Alp1Cen	-0.010000	5800.0	76	26898	No
61	GOM_NL__2PRFIN20070423_042948_000000392057_00291_26898_2239.N1	23-APR-2007 04:29:48	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26898	No
62	GOM_NL__2PRFIN20070423_043123_000000402057_00291_26898_2240.N1	23-APR-2007 04:31:23	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26898	No
63	GOM_NL__2PRFIN20070423_043336_000000422057_00291_26898_2241.N1	23-APR-2007 04:33:36	Straylight	42.000	54	5The Cen	2.0550	4500.0	84	26898	No
64	GOM_NL__2PRFIN20070423_043805_000000432057_00291_26898_2242.N1	23-APR-2007 04:38:05	Twi_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	26898	No
65	GOM_NL__2PRFIN20070423_044132_000000392057_00291_26898_2243.N1	23-APR-2007 04:41:32	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26898	No
66	GOM_NL__2PRFIN20070423_044434_000000362057_00291_26898_2244.N1	23-APR-2007 04:44:34	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26898	No
67	GOM_NL__2PRFIN20070423_044806_000000362057_00291_26898_2245.N1	23-APR-2007 04:48:06	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26898	No
68	GOM_NL__2PRFIN20070423_045601_000000372057_00291_26898_2246.N1	23-APR-2007 04:56:01	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	26898	No
69	GOM_NL__2PRFIN20070423_050013_000000352057_00291_26898_2247.N1	23-APR-2007 05:00:13	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	26898	No
70	GOM_NL__2PRFIN20070423_050245_000000362057_00291_26898_2248.N1	23-APR-2007 05:02:45	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26898	No
71	GOM_NL__2PRFIN20070423_051036_000000342057_00291_26898_2249.N1	23-APR-2007 05:10:36	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26898	No
72	GOM_NL__2PRFIN20070423_051821_000000352057_00291_26898_2250.N1	23-APR-2007 05:18:21	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	26898	No
73	GOM_NL__2PRFIN20070423_051938_000000352057_00291_26898_2251.N1	23-APR-2007 05:19:38	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	26898	No
74	GOM_NL__2PRFIN20070423_052803_000000402057_00291_26898_2252.N1	23-APR-2007 05:28:03	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	26898	No
75	GOM_NL__2PRFIN20070423_053213_000000422057_00291_26898_2253.N1	23-APR-2007 05:32:13	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	26898	No
76	GOM_NL__2PRFIN20070423_054446_000000412057_00291_26898_2254.N1	23-APR-2007 05:44:46	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	26898	No
77	GOM_NL__2PRFIN20070423_054832_000000402057_00291_26898_2255.N1	23-APR-2007 05:48:32	Dark	39.500	172	Gam Gru	3.0030	13100.	79	26898	No
78	GOM_NL__2PRFIN20070423_055023_000000392057_00291_26898_2256.N1	23-APR-2007 05:50:23	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26898	No
79	GOM_NL__2PRFIN20070423_055321_000000412057_00291_26898_2257.N1	23-APR-2007 05:53:21	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	26898	No
80	GOM_NL__2PRFIN20070423_055537_000000402057_00292_26899_2246.N1	23-APR-2007 05:55:37	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26899	No
81	GOM_NL__2PRFIN20070423_060242_000000392057_00292_26899_2247.N1	23-APR-2007 06:02:42	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	26899	No
82	GOM_NL__2PRFIN20070423_060452_000000382057_00292_26899_2248.N1	23-APR-2007 06:04:52	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26899	No
83	GOM_NL__2PRFIN20070423_060707_000000462057_00292_26899_2249.N1	23-APR-2007 06:07:07	Straylight	45.500	4	Alp1Cen	-0.010000	5800.0	91	26899	No
84	GOM_NL__2PRFIN20070423_061025_000000412057_00292_26899_2250.N1	23-APR-2007 06:10:25	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26899	No
85	GOM_NL__2PRFIN20070423_061159_000000422057_00292_26899_2251.N1	23-APR-2007 06:11:59	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26899	No
86	GOM_NL__2PRFIN20070423_061413_000000432057_00292_26899_2252.N1	23-APR-2007 06:14:13	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	26899	No
87	GOM_NL__2PRFIN20070423_061841_000000412057_00292_26899_2253.N1	23-APR-2007 06:18:41	Twi_and_stray	41.000	169	46Gam Hya	2.9910	4700.0	82	26899	No
88	GOM_NL__2PRFIN20070423_062208_000000402057_00292_26899_2254.N1	23-APR-2007 06:22:08	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	26899	No
89	GOM_NL__2PRFIN20070423_062511_000000362057_00292_26899_2255.N1	23-APR-2007 06:25:11	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26899	No
90	GOM_NL__2PRFIN20070423_062842_000000382057_00292_26899_2256.N1	23-APR-2007 06:28:42	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	26899	No
91	GOM_NL__2PRFIN20070423_064050_000000352057_00292_26899_2257.N1	23-APR-2007 06:40:50	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26899	No
92	GOM_NL__2PRFIN20070423_064322_000000372057_00292_26899_2258.N1	23-APR-2007 06:43:22	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26899	No
93	GOM_NL__2PRFIN20070423_065112_000000362057_00292_26899_2259.N1	23-APR-2007 06:51:12	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26899	No
94	GOM_NL__2PRFIN20070423_065857_000000342057_00292_26899_2260.N1	23-APR-2007 06:58:57	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26899	No
95	GOM_NL__2PRFIN20070423_070014_000000342057_00292_26899_2261.N1	23-APR-2007 07:00:14	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	26899	No
96	GOM_NL__2PRFIN20070423_070839_000000392057_00292_26899_2262.N1	23-APR-2007 07:08:39	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	26899	No
97	GOM_NL__2PRFIN20070423_071250_000000412057_00292_26899_2263.N1	23-APR-2007 07:12:50	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	26899	No
98	GOM_NL__2PRFIN20070423_072522_000000432057_00292_26899_2264.N1	23-APR-2007 07:25:22	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26899	No
99	GOM_NL__2PRFIN20070423_072909_000000412057_00292_26899_2265.N1	23-APR-2007 07:29:09	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26899	No
100	GOM_NL__2PRFIN20070423_073059_000000432057_00292_26899_2266.N1	23-APR-2007 07:30:59	Dark	42.500	31	Alp Gru	1.7340	15200.	85	26899	No
101	GOM_NL__2PRFIN20070423_073357_000000452057_00292_26899_2267.N1	23-APR-2007 07:33:57	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	26899	No

102	GOM_NL__2PRFIN20070423_073614_000000412057_00293_26900_2268.N1	23-APR-2007 07:36:14	Dark	40.500	45	Alp Pav	1.9400	26000.	81	26900	No
103	GOM_NL__2PRFIN20070423_074318_000000392057_00293_26900_2269.N1	23-APR-2007 07:43:18	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	26900	No
104	GOM_NL__2PRFIN20070423_074528_000000382057_00293_26900_2270.N1	23-APR-2007 07:45:28	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26900	No
105	GOM_NL__2PRFIN20070423_074743_000000532057_00293_26900_2271.N1	23-APR-2007 07:47:43	Straylight	52.500	4	Alp1Cen	-0.010000	5800.0	105	26900	No
106	GOM_NL__2PRFIN20070423_075101_000000412057_00293_26900_2272.N1	23-APR-2007 07:51:01	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26900	No
107	GOM_NL__2PRFIN20070423_075235_000000432057_00293_26900_2273.N1	23-APR-2007 07:52:35	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	26900	No
108	GOM_NL__2PRFIN20070423_075449_000000432057_00293_26900_2274.N1	23-APR-2007 07:54:49	Straylight	43.000	54	5The Cen	2.0550	4500.0	86	26900	No
109	GOM_NL__2PRFIN20070423_075917_000000392057_00293_26900_2275.N1	23-APR-2007 07:59:17	Twl_and_stray	39.000	169	46Gam Hya	2.9910	4700.0	78	26900	No
110	GOM_NL__2PRFIN20070423_080244_000000402057_00293_26900_2276.N1	23-APR-2007 08:02:44	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26900	No
111	GOM_NL__2PRFIN20070423_080546_000000362057_00293_26900_2277.N1	23-APR-2007 08:05:46	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26900	No
112	GOM_NL__2PRFIN20070423_080918_000000382057_00293_26900_2278.N1	23-APR-2007 08:09:18	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	26900	No
113	GOM_NL__2PRFIN20070423_081039_000000362057_00293_26900_2279.N1	23-APR-2007 08:10:39	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	26900	No
114	GOM_NL__2PRFIN20070423_081713_000000372057_00293_26900_2280.N1	23-APR-2007 08:17:13	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26900	No
115	GOM_NL__2PRFIN20070423_082126_000000352057_00293_26900_2281.N1	23-APR-2007 08:21:26	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26900	No
116	GOM_NL__2PRFIN20070423_082358_000000362057_00293_26900_2282.N1	23-APR-2007 08:23:58	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	26900	No
117	GOM_NL__2PRFIN20070423_083148_000000352057_00293_26900_2283.N1	23-APR-2007 08:31:48	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26900	No
118	GOM_NL__2PRFIN20070423_083933_000000482057_00293_26900_2284.N1	23-APR-2007 08:39:33	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	26900	No
119	GOM_NL__2PRFIN20070423_084050_000000352057_00293_26900_2285.N1	23-APR-2007 08:40:50	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	26900	No
120	GOM_NL__2PRFIN20070423_084915_000000342057_00293_26900_2286.N1	23-APR-2007 08:49:15	Bright	34.000	164	44Eta Peg	2.9480	5400.0	68	26900	No
121	GOM_NL__2PRFIN20070423_085326_000000432057_00293_26900_2287.N1	23-APR-2007 08:53:26	Twl_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	26900	No
122	GOM_NL__2PRFIN20070423_090558_000000412057_00293_26900_2288.N1	23-APR-2007 09:05:58	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	26900	No
123	GOM_NL__2PRFIN20070423_090945_000000412057_00293_26900_2289.N1	23-APR-2007 09:09:45	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26900	No
124	GOM_NL__2PRFIN20070423_091135_000000442057_00293_26900_2290.N1	23-APR-2007 09:11:35	Dark	43.500	31	Alp Gru	1.7340	15200.	87	26900	No
125	GOM_NL__2PRFIN20070423_091650_000000392057_00294_26901_2283.N1	23-APR-2007 09:16:50	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26901	No
126	GOM_NL__2PRFIN20070423_092355_000000402057_00294_26901_2284.N1	23-APR-2007 09:23:55	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	26901	No
127	GOM_NL__2PRFIN20070423_092604_000000392057_00294_26901_2285.N1	23-APR-2007 09:26:04	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26901	No
128	GOM_NL__2PRFIN20070423_092819_000000442057_00294_26901_2286.N1	23-APR-2007 09:28:19	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	26901	No
129	GOM_NL__2PRFIN20070423_093137_000000402057_00294_26901_2287.N1	23-APR-2007 09:31:37	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	26901	No
130	GOM_NL__2PRFIN20070423_093312_000000412057_00294_26901_2288.N1	23-APR-2007 09:33:12	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	26901	No
131	GOM_NL__2PRFIN20070423_093525_000000462057_00294_26901_2289.N1	23-APR-2007 09:35:25	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	26901	No
132	GOM_NL__2PRFIN20070423_093953_000000422057_00294_26901_2290.N1	23-APR-2007 09:39:53	Twl_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	26901	No
133	GOM_NL__2PRFIN20070423_094320_000000412057_00294_26901_2291.N1	23-APR-2007 09:43:20	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	26901	No
134	GOM_NL__2PRFIN20070423_094622_000000352057_00294_26901_2292.N1	23-APR-2007 09:46:22	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26901	No
135	GOM_NL__2PRFIN20070423_094954_000000372057_00294_26901_2293.N1	23-APR-2007 09:49:54	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	26901	No
136	GOM_NL__2PRFIN20070423_095115_000000372057_00294_26901_2294.N1	23-APR-2007 09:51:15	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	26901	No
137	GOM_NL__2PRFIN20070423_095749_000000362057_00294_26901_2295.N1	23-APR-2007 09:57:49	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26901	No
138	GOM_NL__2PRFIN20070423_100201_000000342057_00294_26901_2296.N1	23-APR-2007 10:02:01	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26901	No
139	GOM_NL__2PRFIN20070423_100434_000000342057_00294_26901_2297.N1	23-APR-2007 10:04:34	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	26901	No
140	GOM_NL__2PRFIN20070423_101224_000000352057_00294_26901_2298.N1	23-APR-2007 10:12:24	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26901	No
141	GOM_NL__2PRFIN20070423_102009_000000342057_00294_26901_2299.N1	23-APR-2007 10:20:09	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26901	No
142	GOM_NL__2PRFIN20070423_102126_000000342057_00294_26901_2300.N1	23-APR-2007 10:21:26	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26901	No
143	GOM_NL__2PRFIN20070423_102951_000000342057_00294_26901_2301.N1	23-APR-2007 10:29:51	Bright	34.000	164	44Eta Peg	2.9480	5400.0	68	26901	No
144	GOM_NL__2PRFIN20070423_103402_000000422057_00294_26901_2302.N1	23-APR-2007 10:34:02	Twl_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	26901	No
145	GOM_NL__2PRFIN20070423_104635_000000412057_00294_26901_2303.N1	23-APR-2007 10:46:35	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	26901	No
146	GOM_NL__2PRFIN20070423_105022_000000412057_00294_26901_2304.N1	23-APR-2007 10:50:22	Dark	41.000	172	Gam Gru	3.0030	13100.	82	26901	No
147	GOM_NL__2PRFIN20070423_105212_000000392057_00294_26901_2305.N1	23-APR-2007 10:52:12	Dark	38.500	31	Alp Gru	1.7340	15200.	77	26901	No
148	GOM_NL__2PRFIN20070423_105727_000000392057_00295_26902_2299.N1	23-APR-2007 10:57:27	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26902	No
149	GOM_NL__2PRFIN20070423_110431_000000392057_00295_26902_2300.N1	23-APR-2007 11:04:31	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	26902	No
150	GOM_NL__2PRFIN20070423_110641_000000392057_00295_26902_2301.N1	23-APR-2007 11:06:41	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26902	No
151	GOM_NL__2PRFIN20070423_110855_000000482057_00295_26902_2302.N1	23-APR-2007 11:08:55	Straylight	48.000	4	Alp1Cen	-0.010000	5800.0	96	26902	No
152	GOM_NL__2PRFIN20070423_111214_000000392057_00295_26902_2303.N1	23-APR-2007 11:12:14	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	26902	No
153	GOM_NL__2PRFIN20070423_111348_000000412057_00295_26902_2304.N1	23-APR-2007 11:13:48	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	26902	No
154	GOM_NL__2PRFIN20070423_111601_000000452057_00295_26902_2305.N1	23-APR-2007 11:16:01	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	26902	No
155	GOM_NL__2PRFIN20070423_112029_000000392057_00295_26902_2306.N1	23-APR-2007 11:20:29	Twl_and_stray	38.500	169	46Gam Hya	2.9910	4700.0	77	26902	No
156	GOM_NL__2PRFIN20070423_112356_000000412057_00295_26902_2307.N1	23-APR-2007 11:23:56	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	26902	No
157	GOM_NL__2PRFIN20070423_112658_000000372057_00295_26902_2308.N1	23-APR-2007 11:26:58	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26902	No
158	GOM_NL__2PRFIN20070423_113030_000000372057_00295_26902_2309.N1	23-APR-2007 11:30:30	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26902	No
159	GOM_NL__2PRFIN20070423_113151_000000362057_00295_26902_2310.N1	23-APR-2007 11:31:51	Bright	36.000	62	94Bet Leo	2.1360	9700.0	72	26902	No
160	GOM_NL__2PRFIN20070423_113824_000000372057_00295_26902_2311.N1	23-APR-2007 11:38:24	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26902	No

161	GOM_NL__2PRFIN20070423_114237_000000352057_00295_26902_2312.N1	23-APR-2007 11:42:37	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26902	No
162	GOM_NL__2PRFIN20070423_114510_000000372057_00295_26902_2313.N1	23-APR-2007 11:45:10	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26902	No
163	GOM_NL__2PRFIN20070423_115300_000000352057_00295_26902_2314.N1	23-APR-2007 11:53:00	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26902	No
164	GOM_NL__2PRFIN20070423_120045_000000382057_00295_26902_2315.N1	23-APR-2007 12:00:45	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	26902	No
165	GOM_NL__2PRFIN20070423_120202_000000352057_00295_26902_2316.N1	23-APR-2007 12:02:02	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	26902	No
166	GOM_NL__2PRFIN20070423_121054_000000392057_00295_26902_2317.N1	23-APR-2007 12:10:54	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	26902	No
167	GOM_NL__2PRFIN20070423_121438_000000412057_00295_26902_2318.N1	23-APR-2007 12:14:38	Twilight	41.000	90	54Alp Peg	2.4870	11000.	82	26902	No
168	GOM_NL__2PRFIN20070423_122711_000000422057_00295_26902_2319.N1	23-APR-2007 12:27:11	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	26902	No
169	GOM_NL__2PRFIN20070423_123058_000000402057_00295_26902_2320.N1	23-APR-2007 12:30:58	Dark	39.500	172	Gam Gru	3.0030	13100.	79	26902	No
170	GOM_NL__2PRFIN20070423_123248_000000422057_00295_26902_2321.N1	23-APR-2007 12:32:48	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26902	No
171	GOM_NL__2PRFIN20070423_123546_000000402057_00295_26902_2322.N1	23-APR-2007 12:35:46	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	26902	No
172	GOM_NL__2PRFIN20070423_123803_000000392057_00296_26903_2321.N1	23-APR-2007 12:38:03	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26903	No
173	GOM_NL__2PRFIN20070423_124507_000000392057_00296_26903_2322.N1	23-APR-2007 12:45:07	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	26903	No
174	GOM_NL__2PRFIN20070423_124717_000000372057_00296_26903_2323.N1	23-APR-2007 12:47:17	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	26903	No
175	GOM_NL__2PRFIN20070423_124931_000000432057_00296_26903_2324.N1	23-APR-2007 12:49:31	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	26903	No
176	GOM_NL__2PRFIN20070423_125250_000000392057_00296_26903_2325.N1	23-APR-2007 12:52:50	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26903	No
177	GOM_NL__2PRFIN20070423_125424_000000412057_00296_26903_2326.N1	23-APR-2007 12:54:24	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	26903	No
178	GOM_NL__2PRFIN20070423_125637_000000462057_00296_26903_2327.N1	23-APR-2007 12:56:37	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	26903	No
179	GOM_NL__2PRFIN20070423_130105_000000412057_00296_26903_2328.N1	23-APR-2007 13:01:05	Twilight	40.500	169	46Gam Hya	2.9910	4700.0	81	26903	No
180	GOM_NL__2PRFIN20070423_130432_000000402057_00296_26903_2329.N1	23-APR-2007 13:04:32	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	26903	No
181	GOM_NL__2PRFIN20070423_130734_000000362057_00296_26903_2330.N1	23-APR-2007 13:07:34	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26903	No
182	GOM_NL__2PRFIN20070423_131106_000000372057_00296_26903_2331.N1	23-APR-2007 13:11:06	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26903	No
183	GOM_NL__2PRFIN20070423_131227_000000352057_00296_26903_2332.N1	23-APR-2007 13:12:27	Bright	35.000	62	94Bet Leo	2.1360	9700.0	70	26903	No
184	GOM_NL__2PRFIN20070423_131900_000000362057_00296_26903_2333.N1	23-APR-2007 13:19:00	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	26903	No
185	GOM_NL__2PRFIN20070423_132313_000000352057_00296_26903_2334.N1	23-APR-2007 13:23:13	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	26903	No
186	GOM_NL__2PRFIN20070423_144141_000000382057_00297_26904_2332.N1	23-APR-2007 14:41:41	Twilight	37.500	169	46Gam Hya	2.9910	4700.0	75	26904	No
187	GOM_NL__2PRFIN20070423_144508_000000402057_00297_26904_2333.N1	23-APR-2007 14:45:08	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26904	No
188	GOM_NL__2PRFIN20070423_144810_000000362057_00297_26904_2334.N1	23-APR-2007 14:48:10	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26904	No
189	GOM_NL__2PRFIN20070423_145142_000000372057_00297_26904_2335.N1	23-APR-2007 14:51:42	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26904	No
190	GOM_NL__2PRFIN20070423_145304_000000352057_00297_26904_2336.N1	23-APR-2007 14:53:04	Bright	34.500	62	94Bet Leo	2.1360	9700.0	69	26904	No
191	GOM_NL__2PRFIN20070423_145936_000000372057_00297_26904_2337.N1	23-APR-2007 14:59:36	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26904	No
192	GOM_NL__2PRFIN20070423_150349_000000342057_00297_26904_2338.N1	23-APR-2007 15:03:49	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26904	No
193	GOM_NL__2PRFIN20070423_150622_000000372057_00297_26904_2339.N1	23-APR-2007 15:06:22	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26904	No
194	GOM_NL__2PRFIN20070423_151412_000000372057_00297_26904_2340.N1	23-APR-2007 15:14:12	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	26904	No
195	GOM_NL__2PRFIN20070423_152157_000000342057_00297_26904_2341.N1	23-APR-2007 15:21:57	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26904	No
196	GOM_NL__2PRFIN20070423_152314_000000522057_00297_26904_2342.N1	23-APR-2007 15:23:14	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26904	No
197	GOM_NL__2PRFIN20070423_153206_000000372057_00297_26904_2343.N1	23-APR-2007 15:32:06	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	26904	No
198	GOM_NL__2PRFIN20070423_153550_000000422057_00297_26904_2344.N1	23-APR-2007 15:35:50	Twilight	41.500	90	54Alp Peg	2.4870	11000.	83	26904	No
199	GOM_NL__2PRFIN20070423_154823_000000422057_00297_26904_2345.N1	23-APR-2007 15:48:23	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	26904	No
200	GOM_NL__2PRFIN20070423_155211_000000402057_00297_26904_2346.N1	23-APR-2007 15:52:11	Dark	39.500	172	Gam Gru	3.0030	13100.	79	26904	No
201	GOM_NL__2PRFIN20070423_155401_000000372057_00297_26904_2347.N1	23-APR-2007 15:54:01	Dark	37.000	31	Alp Gru	1.7340	15200.	74	26904	No
202	GOM_NL__2PRFIN20070423_155658_000000402057_00297_26904_2348.N1	23-APR-2007 15:56:58	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	26904	No
203	GOM_NL__2PRFIN20070423_155916_000000392057_00298_26905_2361.N1	23-APR-2007 15:59:16	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26905	No
204	GOM_NL__2PRFIN20070423_160620_000000422057_00298_26905_2362.N1	23-APR-2007 16:06:20	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	26905	No
205	GOM_NL__2PRFIN20070423_160830_000000392057_00298_26905_2363.N1	23-APR-2007 16:08:30	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26905	No
206	GOM_NL__2PRFIN20070423_161044_000000382057_00298_26905_2364.N1	23-APR-2007 16:10:44	Straylight	38.000	4	Alp1Cen	-0.010000	5800.0	76	26905	No
207	GOM_NL__2PRFIN20070423_161403_000000402057_00298_26905_2365.N1	23-APR-2007 16:14:03	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	26905	No
208	GOM_NL__2PRFIN20070423_161537_000000432057_00298_26905_2366.N1	23-APR-2007 16:15:37	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	26905	No
209	GOM_NL__2PRFIN20070423_161750_000000412057_00298_26905_2367.N1	23-APR-2007 16:17:50	Straylight	41.000	54	5The Cen	2.0550	4500.0	82	26905	No
210	GOM_NL__2PRFIN20070423_162218_000000392057_00298_26905_2368.N1	23-APR-2007 16:22:18	Twilight	38.500	169	46Gam Hya	2.9910	4700.0	77	26905	No
211	GOM_NL__2PRFIN20070423_162545_000000402057_00298_26905_2369.N1	23-APR-2007 16:25:45	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26905	No
212	GOM_NL__2PRFIN20070423_162846_000000362057_00298_26905_2370.N1	23-APR-2007 16:28:46	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26905	No
213	GOM_NL__2PRFIN20070423_163218_000000372057_00298_26905_2371.N1	23-APR-2007 16:32:18	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26905	No
214	GOM_NL__2PRFIN20070423_163340_000000352057_00298_26905_2372.N1	23-APR-2007 16:33:40	Bright	34.500	62	94Bet Leo	2.1360	9700.0	69	26905	No
215	GOM_NL__2PRFIN20070423_164012_000000362057_00298_26905_2373.N1	23-APR-2007 16:40:12	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	26905	No
216	GOM_NL__2PRFIN20070423_164425_000000332057_00298_26905_2374.N1	23-APR-2007 16:44:25	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26905	No
217	GOM_NL__2PRFIN20070423_164658_000000362057_00298_26905_2375.N1	23-APR-2007 16:46:58	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26905	No
218	GOM_NL__2PRFIN20070423_165448_000000362057_00298_26905_2376.N1	23-APR-2007 16:54:48	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26905	No
219	GOM_NL__2PRFIN20070423_170233_000000342057_00298_26905_2377.N1	23-APR-2007 17:02:33	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26905	No

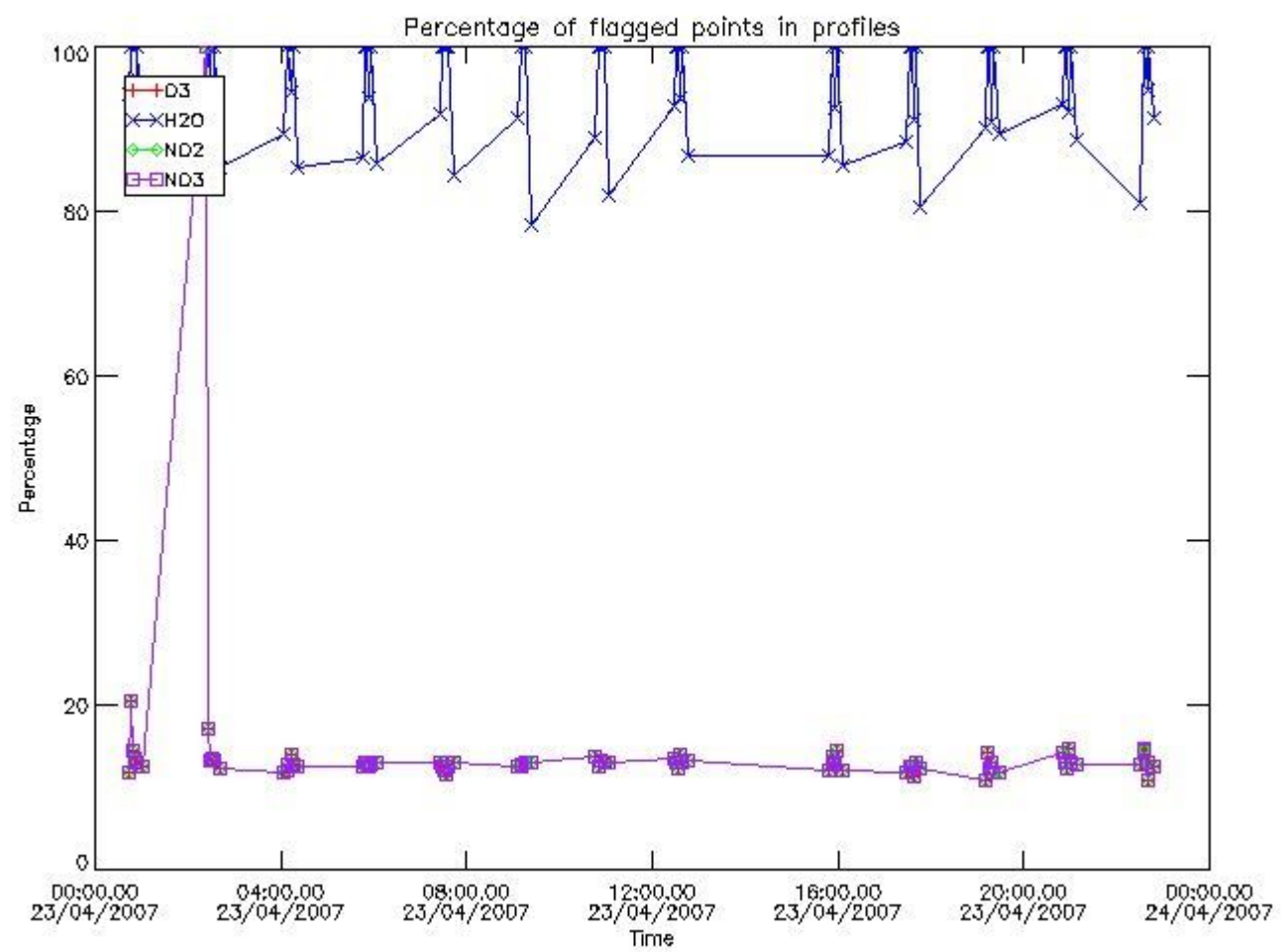
220	GOM_NL__2PRFIN20070423_170351_000000432057_00298_26905_2378.N1	23-APR-2007 17:03:51	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	26905	No
221	GOM_NL__2PRFIN20070423_171242_000000402057_00298_26905_2379.N1	23-APR-2007 17:12:42	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	26905	No
222	GOM_NL__2PRFIN20070423_171627_000000402057_00298_26905_2380.N1	23-APR-2007 17:16:27	Twi_and_stray	39.500	90	54Alp Peg	2.4870	11000.	79	26905	No
223	GOM_NL__2PRFIN20070423_172900_000000442057_00298_26905_2381.N1	23-APR-2007 17:29:00	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	26905	No
224	GOM_NL__2PRFIN20070423_173248_000000412057_00298_26905_2382.N1	23-APR-2007 17:32:48	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26905	No
225	GOM_NL__2PRFIN20070423_173437_000000412057_00298_26905_2383.N1	23-APR-2007 17:34:37	Dark	41.000	31	Alp Gru	1.7340	15200.	82	26905	No
226	GOM_NL__2PRFIN20070423_173735_000000452057_00298_26905_2384.N1	23-APR-2007 17:37:35	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	26905	No
227	GOM_NL__2PRFIN20070423_173953_000000392057_00299_26906_2377.N1	23-APR-2007 17:39:53	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26906	No
228	GOM_NL__2PRFIN20070423_174656_000000422057_00299_26906_2378.N1	23-APR-2007 17:46:56	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	26906	No
229	GOM_NL__2PRFIN20070423_174906_000000382057_00299_26906_2379.N1	23-APR-2007 17:49:06	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26906	No
230	GOM_NL__2PRFIN20070423_175120_000000512057_00299_26906_2380.N1	23-APR-2007 17:51:20	Straylight	50.500	4	Alp1Cen	-0.010000	5800.0	101	26906	No
231	GOM_NL__2PRFIN20070423_175439_000000402057_00299_26906_2381.N1	23-APR-2007 17:54:39	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	26906	No
232	GOM_NL__2PRFIN20070423_175613_000000422057_00299_26906_2382.N1	23-APR-2007 17:56:13	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26906	No
233	GOM_NL__2PRFIN20070423_175826_000000452057_00299_26906_2383.N1	23-APR-2007 17:58:26	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	26906	No
234	GOM_NL__2PRFIN20070423_180254_000000392057_00299_26906_2384.N1	23-APR-2007 18:02:54	Twi_and_stray	39.000	169	46Gam Hya	2.9910	4700.0	78	26906	No
235	GOM_NL__2PRFIN20070423_180923_000000372057_00299_26906_2385.N1	23-APR-2007 18:09:23	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26906	No
236	GOM_NL__2PRFIN20070423_181254_000000362057_00299_26906_2386.N1	23-APR-2007 18:12:54	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26906	No
237	GOM_NL__2PRFIN20070423_181416_000000352057_00299_26906_2387.N1	23-APR-2007 18:14:16	Bright	35.000	62	94Bet Leo	2.1360	9700.0	70	26906	No
238	GOM_NL__2PRFIN20070423_182048_000000352057_00299_26906_2388.N1	23-APR-2007 18:20:48	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26906	No
239	GOM_NL__2PRFIN20070423_182501_000000352057_00299_26906_2389.N1	23-APR-2007 18:25:01	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26906	No
240	GOM_NL__2PRFIN20070423_182734_000000372057_00299_26906_2390.N1	23-APR-2007 18:27:34	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26906	No
241	GOM_NL__2PRFIN20070423_183524_000000352057_00299_26906_2391.N1	23-APR-2007 18:35:24	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26906	No
242	GOM_NL__2PRFIN20070423_184309_000000332057_00299_26906_2392.N1	23-APR-2007 18:43:09	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	26906	No
243	GOM_NL__2PRFIN20070423_184427_000000332057_00299_26906_2393.N1	23-APR-2007 18:44:27	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	26906	No
244	GOM_NL__2PRFIN20070423_185318_000000392057_00299_26906_2394.N1	23-APR-2007 18:53:18	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	26906	No
245	GOM_NL__2PRFIN20070423_185703_000000422057_00299_26906_2395.N1	23-APR-2007 18:57:03	Twi_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	26906	No
246	GOM_NL__2PRFIN20070423_190936_000000472057_00299_26906_2396.N1	23-APR-2007 19:09:36	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	26906	No
247	GOM_NL__2PRFIN20070423_191324_000000402057_00299_26906_2397.N1	23-APR-2007 19:13:24	Dark	39.500	172	Gam Gru	3.0030	13100.	79	26906	No
248	GOM_NL__2PRFIN20070423_191514_000000422057_00299_26906_2398.N1	23-APR-2007 19:15:14	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26906	No
249	GOM_NL__2PRFIN20070423_191811_000000392057_00299_26906_2399.N1	23-APR-2007 19:18:11	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	26906	No
250	GOM_NL__2PRFIN20070423_192029_000000432057_00300_26907_2393.N1	23-APR-2007 19:20:29	Dark	43.000	45	Alp Pav	1.9400	26000.	86	26907	No
251	GOM_NL__2PRFIN20070423_192733_000000482057_00300_26907_2394.N1	23-APR-2007 19:27:33	Dark	47.500	43	Alp TrA	1.9100	4250.0	95	26907	No
252	GOM_NL__2PRFIN20070423_192942_000000402057_00300_26907_2395.N1	23-APR-2007 19:29:42	Straylight	40.000	134	Bet TrA	2.8100	6600.0	80	26907	No
253	GOM_NL__2PRFIN20070423_193157_000000432057_00300_26907_2396.N1	23-APR-2007 19:31:57	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	26907	No
254	GOM_NL__2PRFIN20070423_193515_000000432057_00300_26907_2397.N1	23-APR-2007 19:35:15	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	26907	No
255	GOM_NL__2PRFIN20070423_193650_000000412057_00300_26907_2398.N1	23-APR-2007 19:36:50	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26907	No
256	GOM_NL__2PRFIN20070423_193902_000000462057_00300_26907_2399.N1	23-APR-2007 19:39:02	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26907	No
257	GOM_NL__2PRFIN20070423_194330_000000412057_00300_26907_2400.N1	23-APR-2007 19:43:30	Twi_and_stray	41.000	169	46Gam Hya	2.9910	4700.0	82	26907	No
258	GOM_NL__2PRFIN20070423_194959_000000362057_00300_26907_2401.N1	23-APR-2007 19:49:59	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26907	No
259	GOM_NL__2PRFIN20070423_195330_000000372057_00300_26907_2402.N1	23-APR-2007 19:53:30	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26907	No
260	GOM_NL__2PRFIN20070423_195452_000000352057_00300_26907_2403.N1	23-APR-2007 19:54:52	Bright	34.500	62	94Bet Leo	2.1360	9700.0	69	26907	No
261	GOM_NL__2PRFIN20070423_200123_000000362057_00300_26907_2404.N1	23-APR-2007 20:01:23	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	26907	No
262	GOM_NL__2PRFIN20070423_200537_000000362057_00300_26907_2405.N1	23-APR-2007 20:05:37	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26907	No
263	GOM_NL__2PRFIN20070423_200810_000000372057_00300_26907_2406.N1	23-APR-2007 20:08:10	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26907	No
264	GOM_NL__2PRFIN20070423_201600_000000362057_00300_26907_2407.N1	23-APR-2007 20:16:00	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26907	No
265	GOM_NL__2PRFIN20070423_202346_000000522057_00300_26907_2408.N1	23-APR-2007 20:23:46	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	26907	No
266	GOM_NL__2PRFIN20070423_202503_000000522057_00300_26907_2409.N1	23-APR-2007 20:25:03	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26907	No
267	GOM_NL__2PRFIN20070423_203354_000000392057_00300_26907_2410.N1	23-APR-2007 20:33:54	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	26907	No
268	GOM_NL__2PRFIN20070423_203739_000000412057_00300_26907_2411.N1	23-APR-2007 20:37:39	Twi_and_stray	40.500	90	54Alp Peg	2.4870	11000.	81	26907	No
269	GOM_NL__2PRFIN20070423_205012_000000432057_00300_26907_2412.N1	23-APR-2007 20:50:12	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26907	No
270	GOM_NL__2PRFIN20070423_205401_000000392057_00300_26907_2413.N1	23-APR-2007 20:54:01	Dark	39.000	172	Gam Gru	3.0030	13100.	78	26907	No
271	GOM_NL__2PRFIN20070423_205550_000000422057_00300_26907_2414.N1	23-APR-2007 20:55:50	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26907	No
272	GOM_NL__2PRFIN20070423_205847_000000382057_00300_26907_2415.N1	23-APR-2007 20:58:47	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	26907	No
273	GOM_NL__2PRFIN20070423_210106_000000392057_00301_26908_2408.N1	23-APR-2007 21:01:06	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26908	No
274	GOM_NL__2PRFIN20070423_210809_000000402057_00301_26908_2409.N1	23-APR-2007 21:08:09	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	26908	No
275	GOM_NL__2PRFIN20070423_211019_000000382057_00301_26908_2410.N1	23-APR-2007 21:10:19	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26908	No
276	GOM_NL__2PRFIN20070423_211233_000000422057_00301_26908_2411.N1	23-APR-2007 21:12:33	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	26908	No
277	GOM_NL__2PRFIN20070423_211552_000000412057_00301_26908_2412.N1	23-APR-2007 21:15:52	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	26908	No
278	GOM_NL__2PRFIN20070423_211726_000000432057_00301_26908_2413.N1	23-APR-2007 21:17:26	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	26908	No

279	GOM_NL__2PRFIN20070423_211939_000000452057_00301_26908_2414.N1	23-APR-2007 21:19:39	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	26908	No
280	GOM_NL__2PRFIN20070423_212406_000000422057_00301_26908_2415.N1	23-APR-2007 21:24:06	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	26908	No
281	GOM_NL__2PRFIN20070423_212733_000000402057_00301_26908_2416.N1	23-APR-2007 21:27:33	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	26908	No
282	GOM_NL__2PRFIN20070423_213035_000000372057_00301_26908_2417.N1	23-APR-2007 21:30:35	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26908	No
283	GOM_NL__2PRFIN20070423_213405_000000362057_00301_26908_2418.N1	23-APR-2007 21:34:05	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26908	No
284	GOM_NL__2PRFIN20070423_213528_000000352057_00301_26908_2419.N1	23-APR-2007 21:35:28	Bright	34.500	62	94Bet Leo	2.1360	9700.0	69	26908	No
285	GOM_NL__2PRFIN20070423_214159_000000362057_00301_26908_2420.N1	23-APR-2007 21:41:59	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26908	No
286	GOM_NL__2PRFIN20070423_214613_000000332057_00301_26908_2421.N1	23-APR-2007 21:46:13	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26908	No
287	GOM_NL__2PRFIN20070423_214846_000000372057_00301_26908_2422.N1	23-APR-2007 21:48:46	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26908	No
288	GOM_NL__2PRFIN20070423_215636_000000342057_00301_26908_2423.N1	23-APR-2007 21:56:36	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26908	No
289	GOM_NL__2PRFIN20070423_220422_000000342057_00301_26908_2424.N1	23-APR-2007 22:04:22	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26908	No
290	GOM_NL__2PRFIN20070423_220539_000000512057_00301_26908_2425.N1	23-APR-2007 22:05:39	Bright	51.000	68	18Alp Cas	2.2250	4500.0	102	26908	No
291	GOM_NL__2PRFIN20070423_221430_000000402057_00301_26908_2426.N1	23-APR-2007 22:14:30	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	26908	No
292	GOM_NL__2PRFIN20070423_221815_000000422057_00301_26908_2427.N1	23-APR-2007 22:18:15	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	26908	No
293	GOM_NL__2PRFIN20070423_223049_000000402057_00301_26908_2428.N1	23-APR-2007 22:30:49	Dark	40.000	18	24Alp PsA	1.1660	9700.0	80	26908	No
294	GOM_NL__2PRFIN20070423_223438_000000382057_00301_26908_2429.N1	23-APR-2007 22:34:38	Dark	38.000	172	Gam Gru	3.0030	13100.	76	26908	No
295	GOM_NL__2PRFIN20070423_223626_000000392057_00301_26908_2430.N1	23-APR-2007 22:36:26	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26908	No
296	GOM_NL__2PRFIN20070423_223923_000000472057_00301_26908_2431.N1	23-APR-2007 22:39:23	Dark	47.000	148	Alp Tuc	2.8780	4100.0	94	26908	No
297	GOM_NL__2PRFIN20070423_224142_000000402057_00302_26909_2419.N1	23-APR-2007 22:41:42	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26909	No
298	GOM_NL__2PRFIN20070423_224845_000000412057_00302_26909_2420.N1	23-APR-2007 22:48:45	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	26909	No
299	GOM_NL__2PRFIN20070423_225055_000000382057_00302_26909_2421.N1	23-APR-2007 22:50:55	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26909	No
300	GOM_NL__2PRFIN20070423_225309_000000472057_00302_26909_2422.N1	23-APR-2007 22:53:09	Straylight	47.000	4	Alp1Cen	-0.010000	5800.0	94	26909	No
301	GOM_NL__2PRFIN20070423_225628_000000412057_00302_26909_2423.N1	23-APR-2007 22:56:28	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	26909	No
302	GOM_NL__2PRFIN20070423_225802_000000422057_00302_26909_2424.N1	23-APR-2007 22:58:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26909	No
303	GOM_NL__2PRFIN20070423_230015_000000462057_00302_26909_2425.N1	23-APR-2007 23:00:15	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26909	No
304	GOM_NL__2PRFIN20070423_230442_000000402057_00302_26909_2426.N1	23-APR-2007 23:04:42	Tw_i_and_stray	39.500	169	46Gam Hya	2.9910	4700.0	79	26909	No
305	GOM_NL__2PRFIN20070423_230809_000000402057_00302_26909_2427.N1	23-APR-2007 23:08:09	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26909	No
306	GOM_NL__2PRFIN20070423_231111_000000372057_00302_26909_2428.N1	23-APR-2007 23:11:11	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26909	No
307	GOM_NL__2PRFIN20070423_231441_000000362057_00302_26909_2429.N1	23-APR-2007 23:14:41	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26909	No
308	GOM_NL__2PRFIN20070423_231604_000000352057_00302_26909_2430.N1	23-APR-2007 23:16:04	Bright	35.000	62	94Bet Leo	2.1360	9700.0	70	26909	No
309	GOM_NL__2PRFIN20070423_232235_000000352057_00302_26909_2431.N1	23-APR-2007 23:22:35	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26909	No
310	GOM_NL__2PRFIN20070423_232649_000000332057_00302_26909_2432.N1	23-APR-2007 23:26:49	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26909	No
311	GOM_NL__2PRFIN20070423_232922_000000362057_00302_26909_2433.N1	23-APR-2007 23:29:22	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26909	No
312	GOM_NL__2PRFIN20070423_233711_000000352057_00302_26909_2434.N1	23-APR-2007 23:37:11	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26909	No
313	GOM_NL__2PRFIN20070423_234457_000000342057_00302_26909_2435.N1	23-APR-2007 23:44:57	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26909	No
314	GOM_NL__2PRFIN20070423_234615_000000522057_00302_26909_2436.N1	23-APR-2007 23:46:15	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26909	No
315	GOM_NL__2PRFIN20070423_235506_000000372057_00302_26909_2437.N1	23-APR-2007 23:55:06	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	26909	No
316	GOM_NL__2PRFIN20070423_235851_000000402057_00302_26909_2438.N1	23-APR-2007 23:58:51	Tw_i_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	26909	No

3. Quality information per product

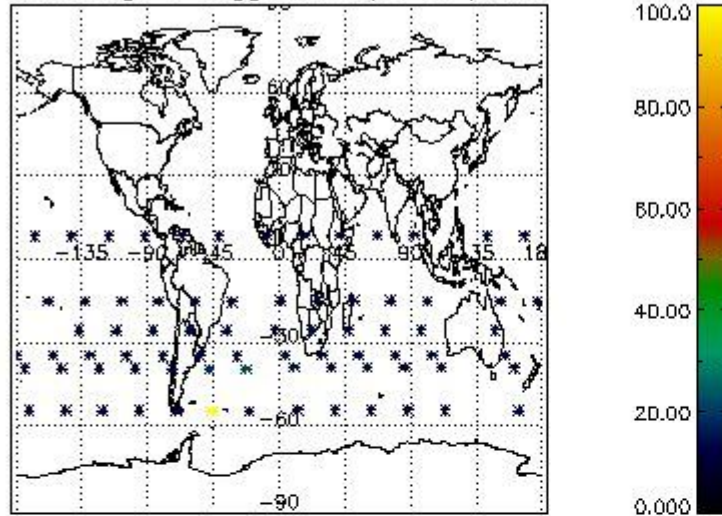
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

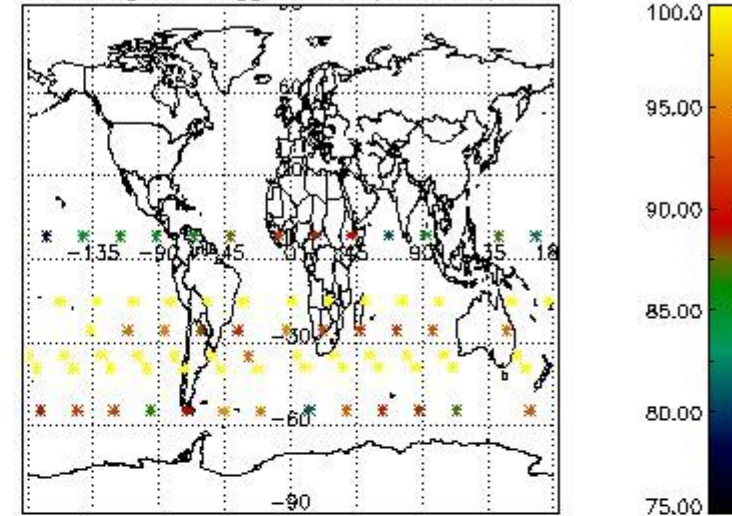


3.2 Plot quality information per product (world map)

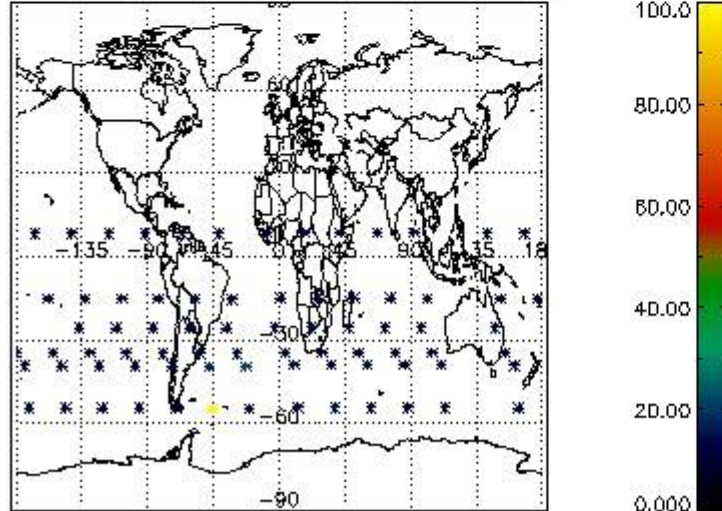
Percentage of flagged data per O3 profile



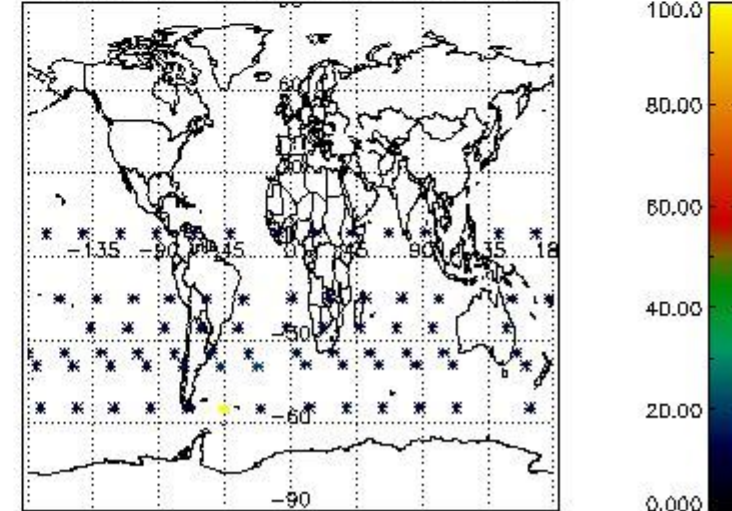
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

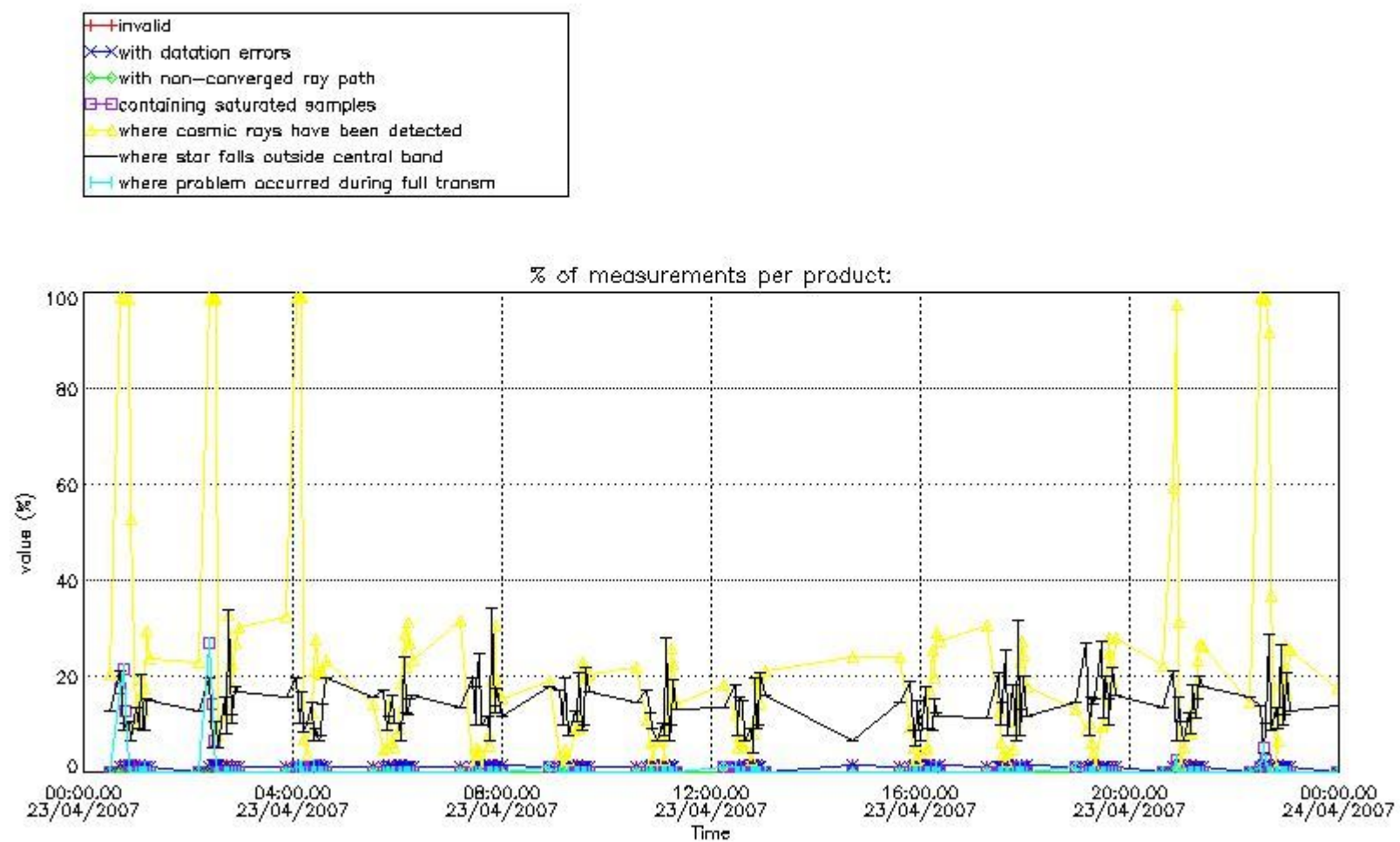


4. Level 1 quality information per product

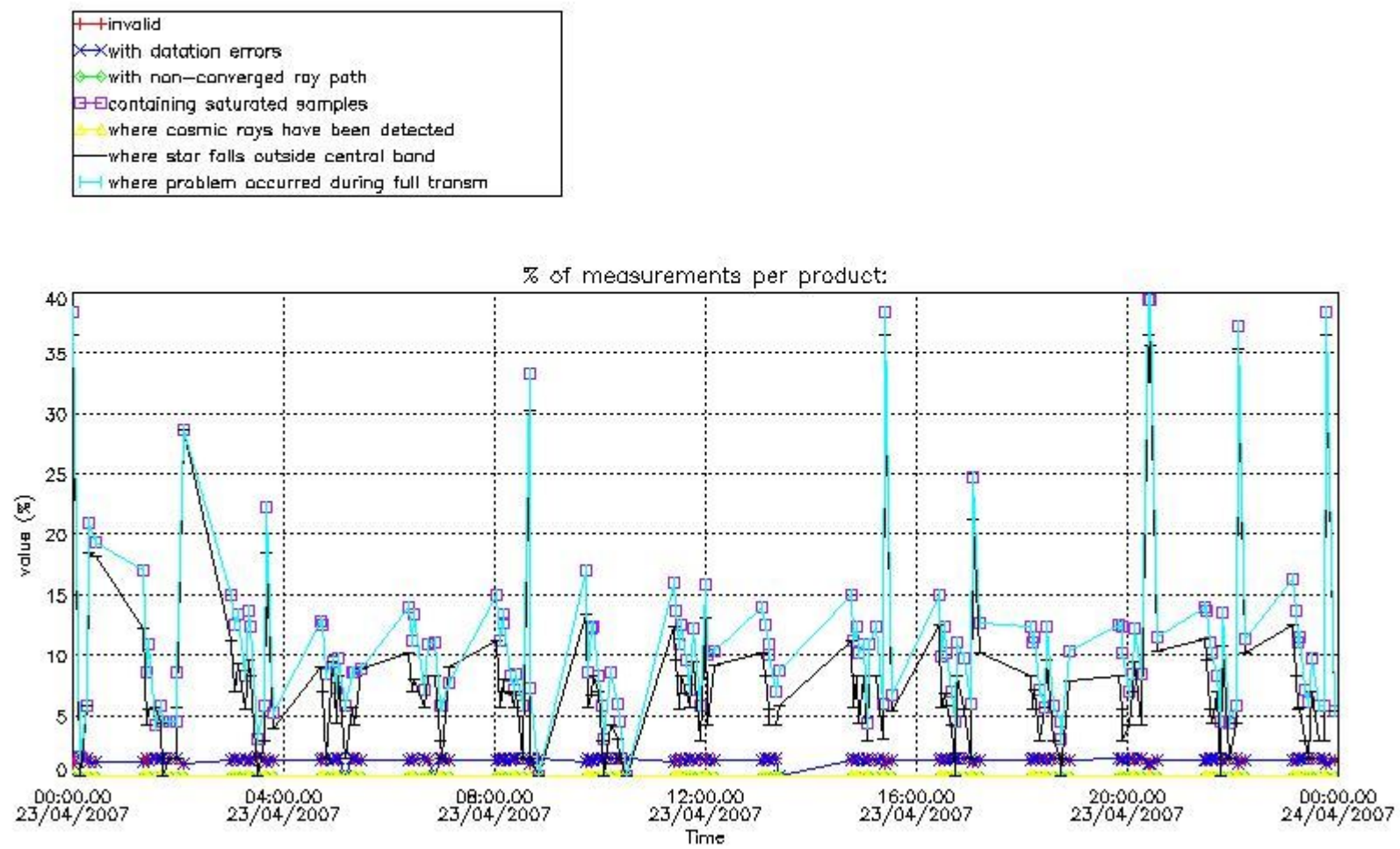
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

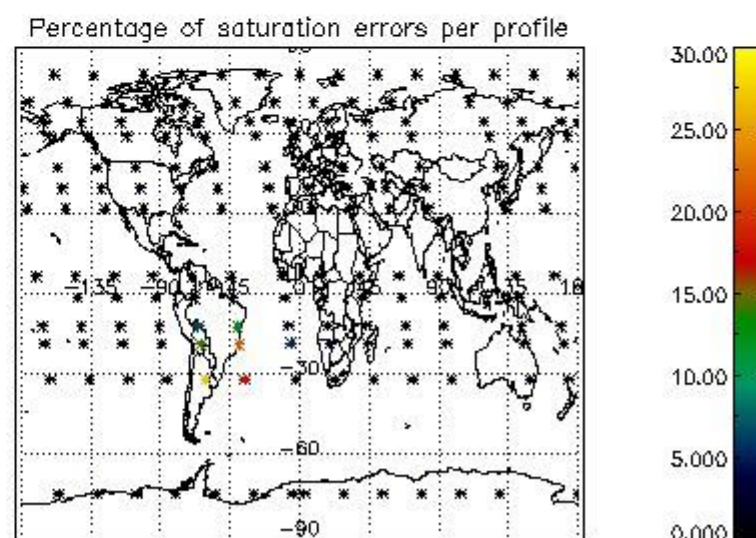
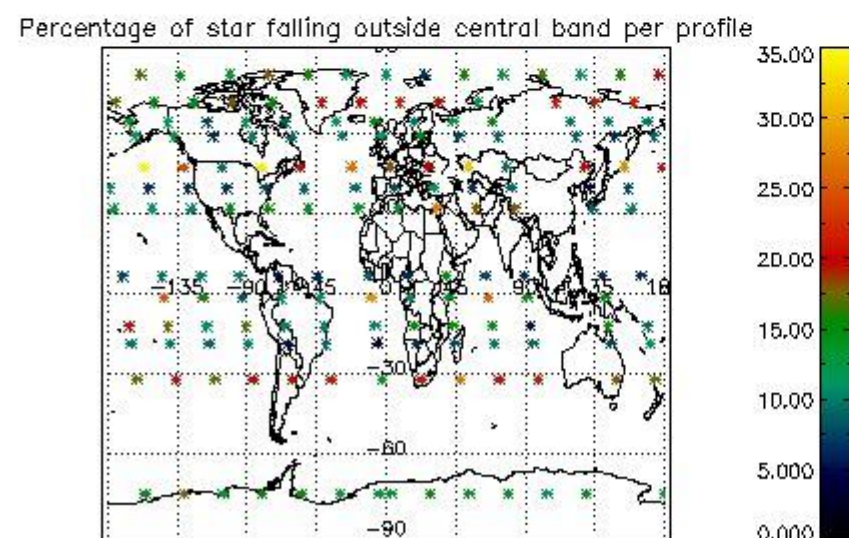
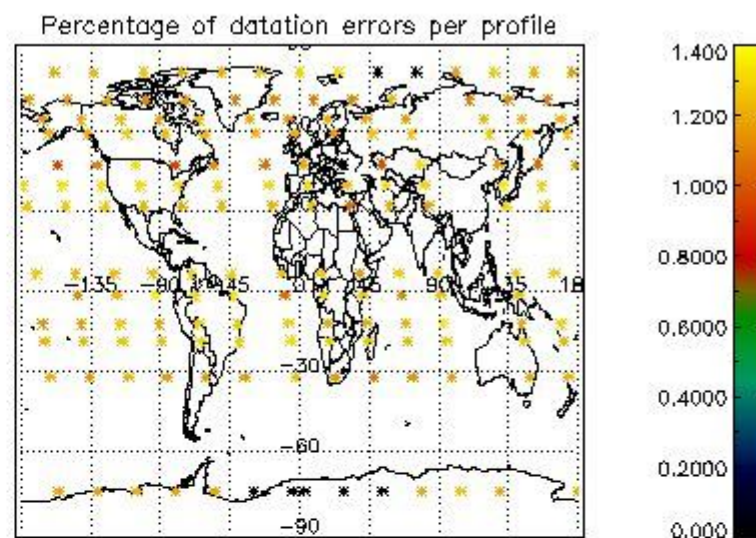
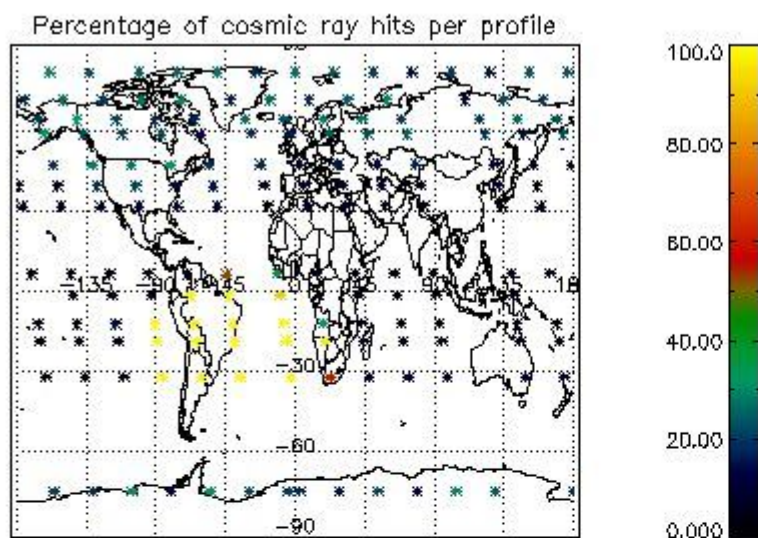


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

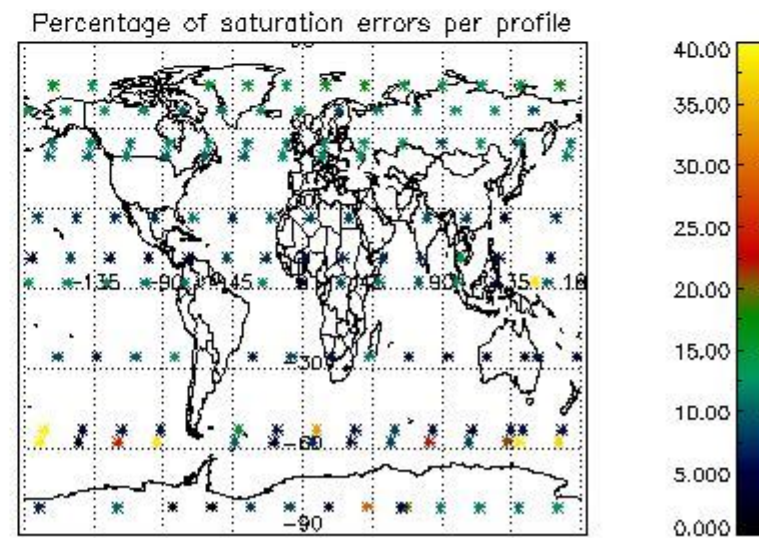
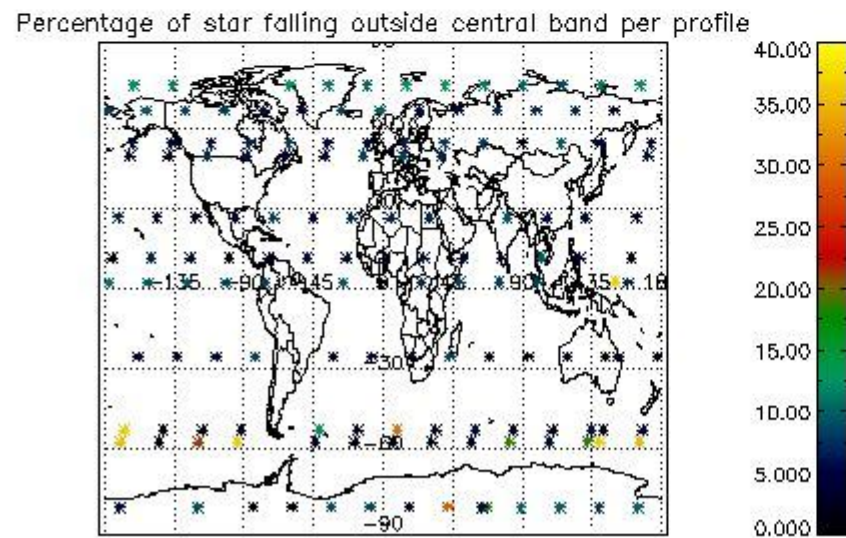
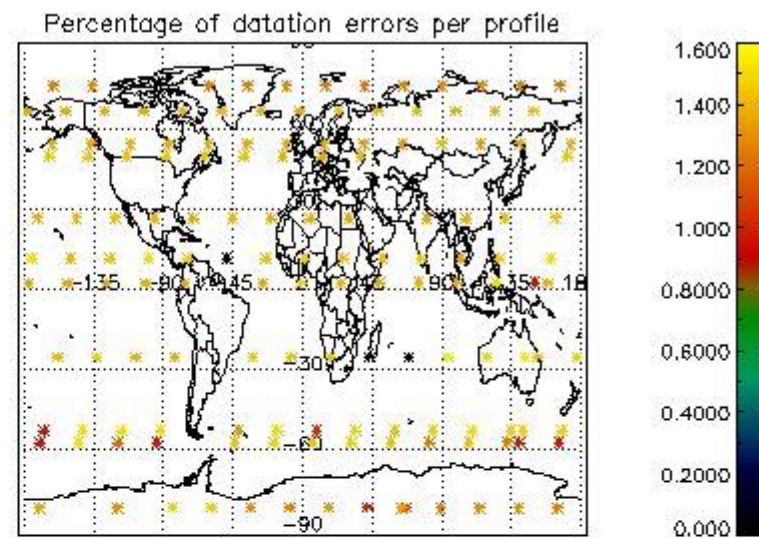
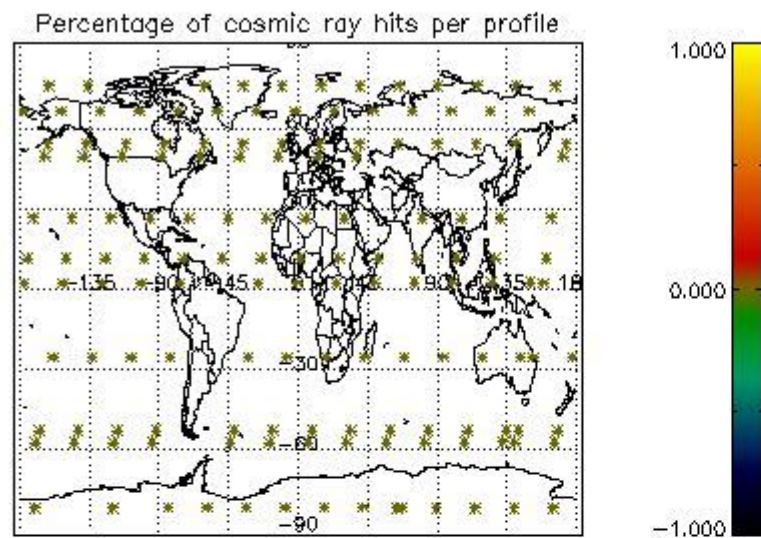


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

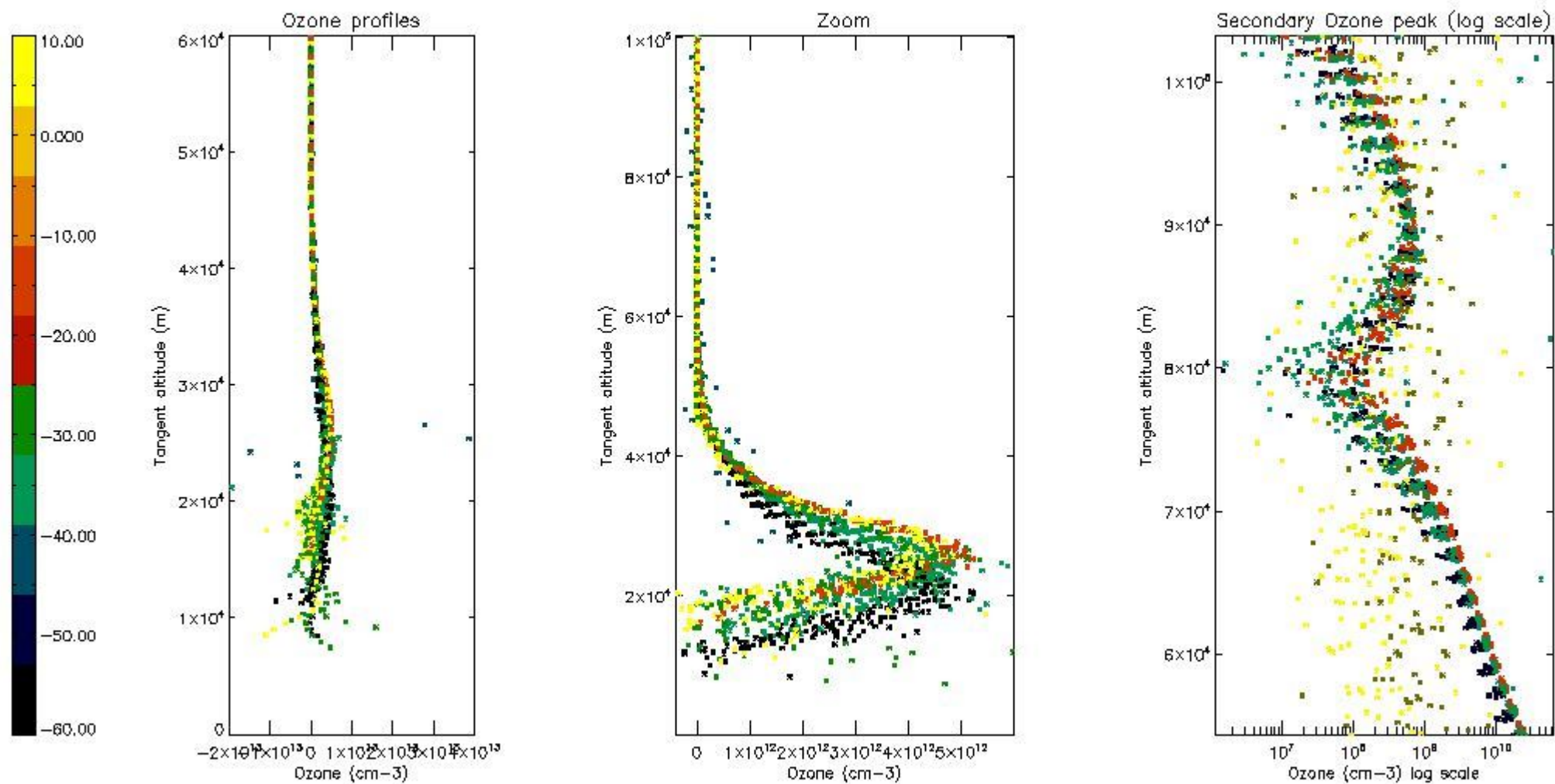
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	10
STD < 5	6

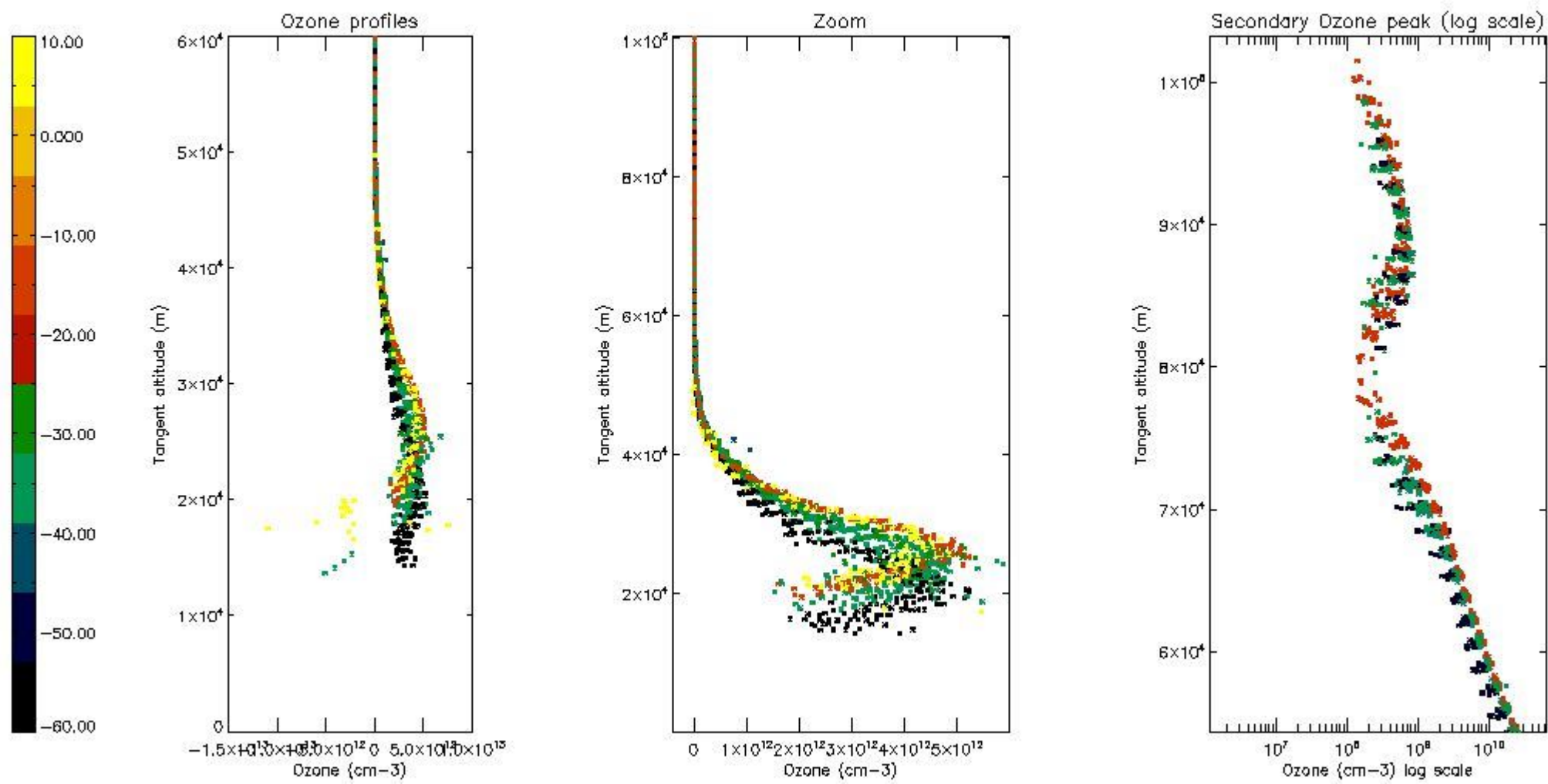
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



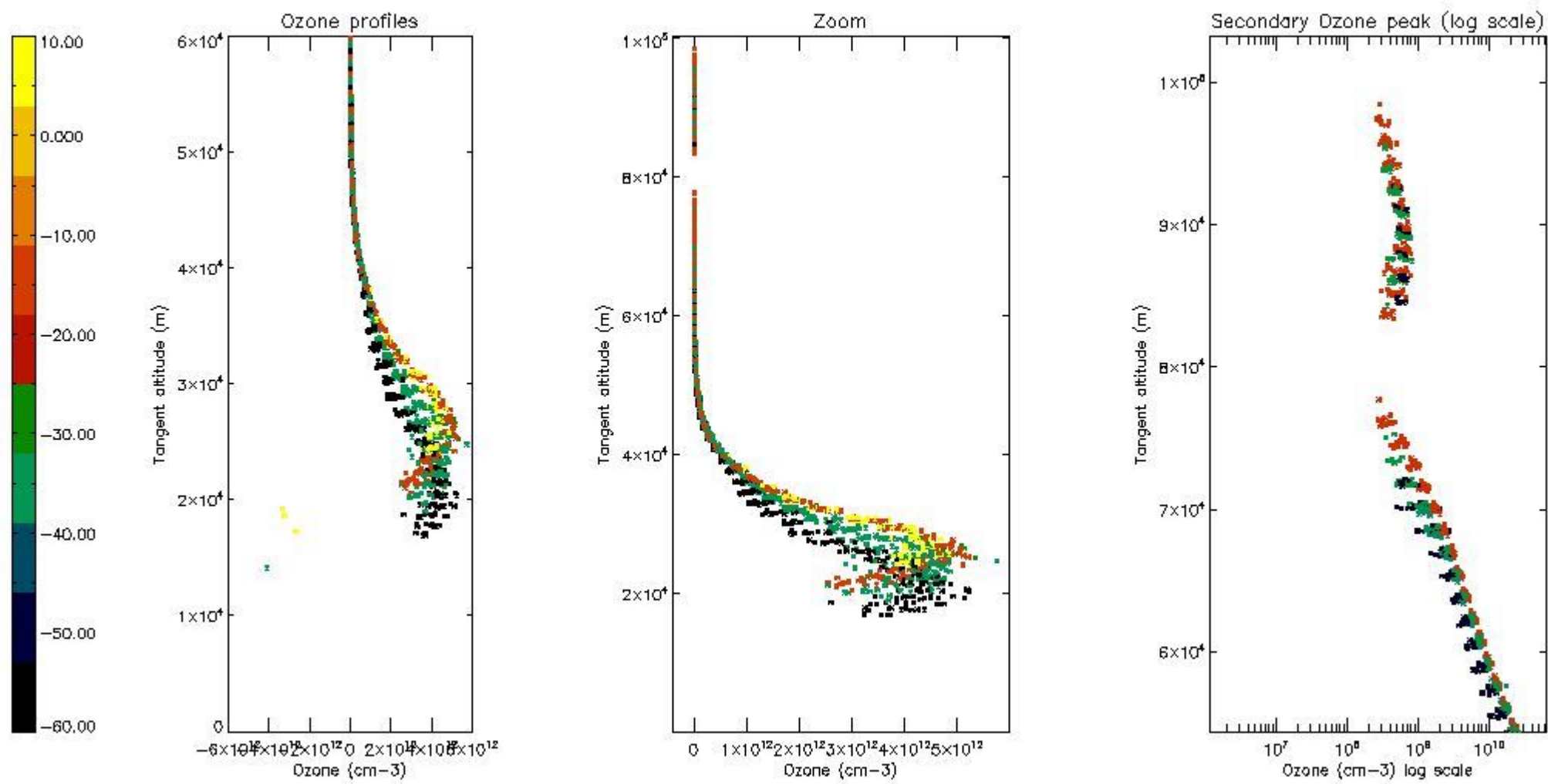
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



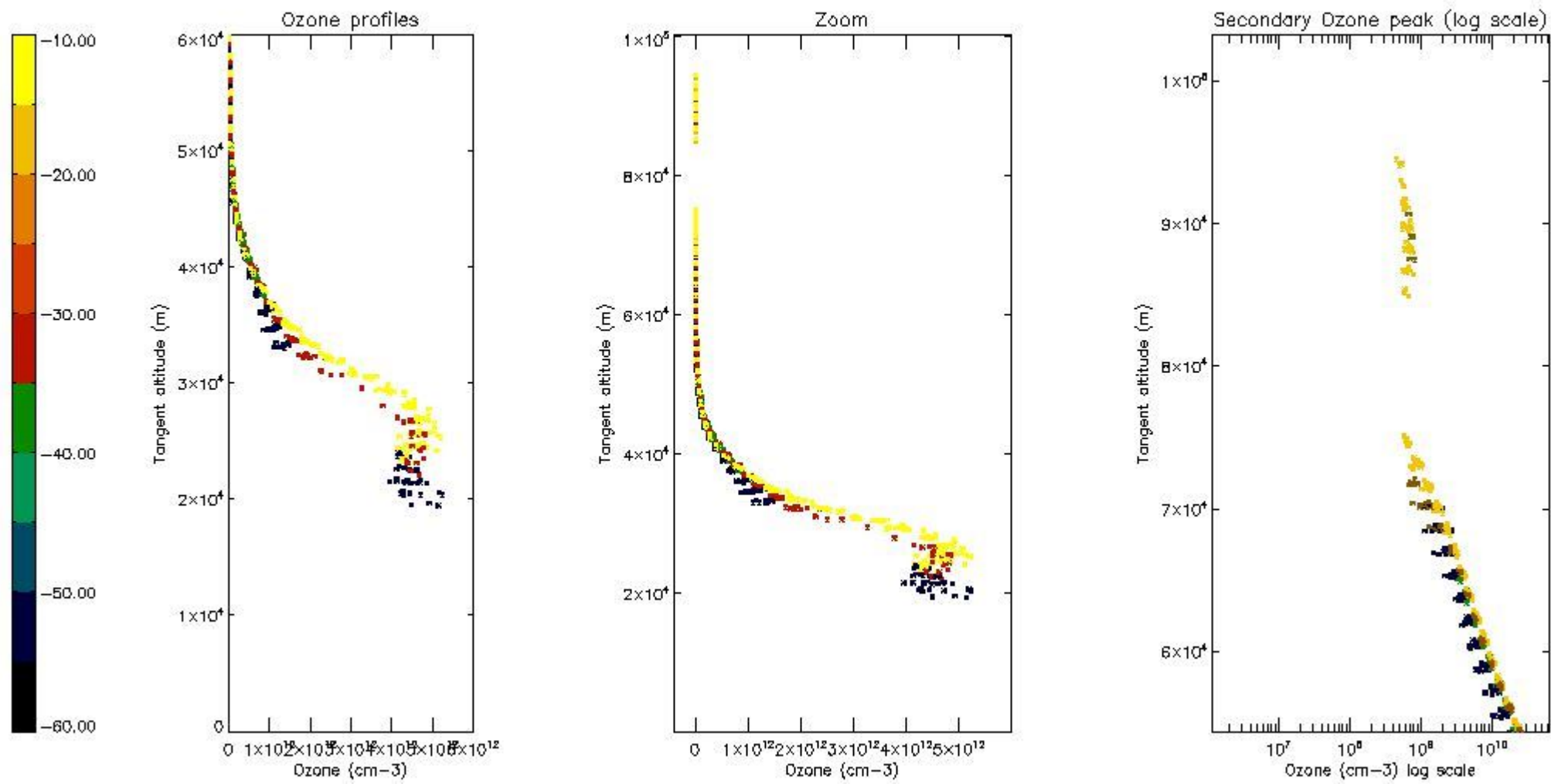
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



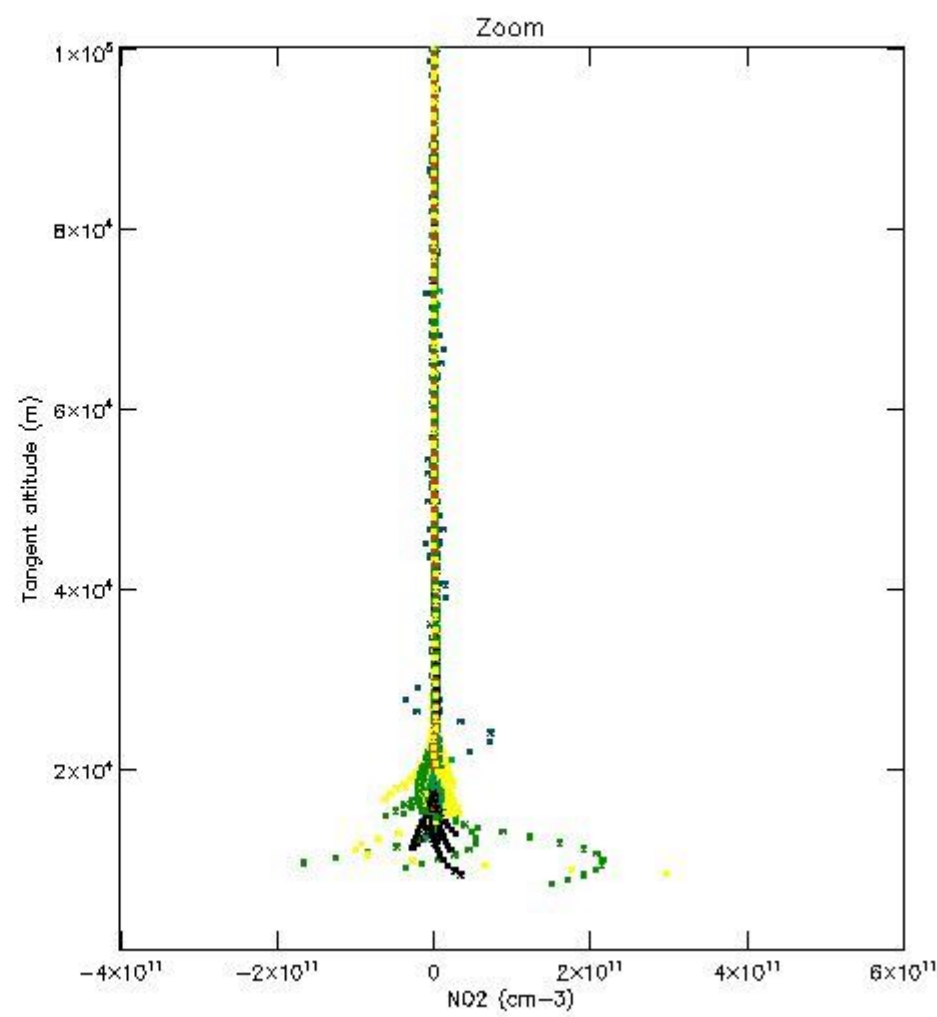
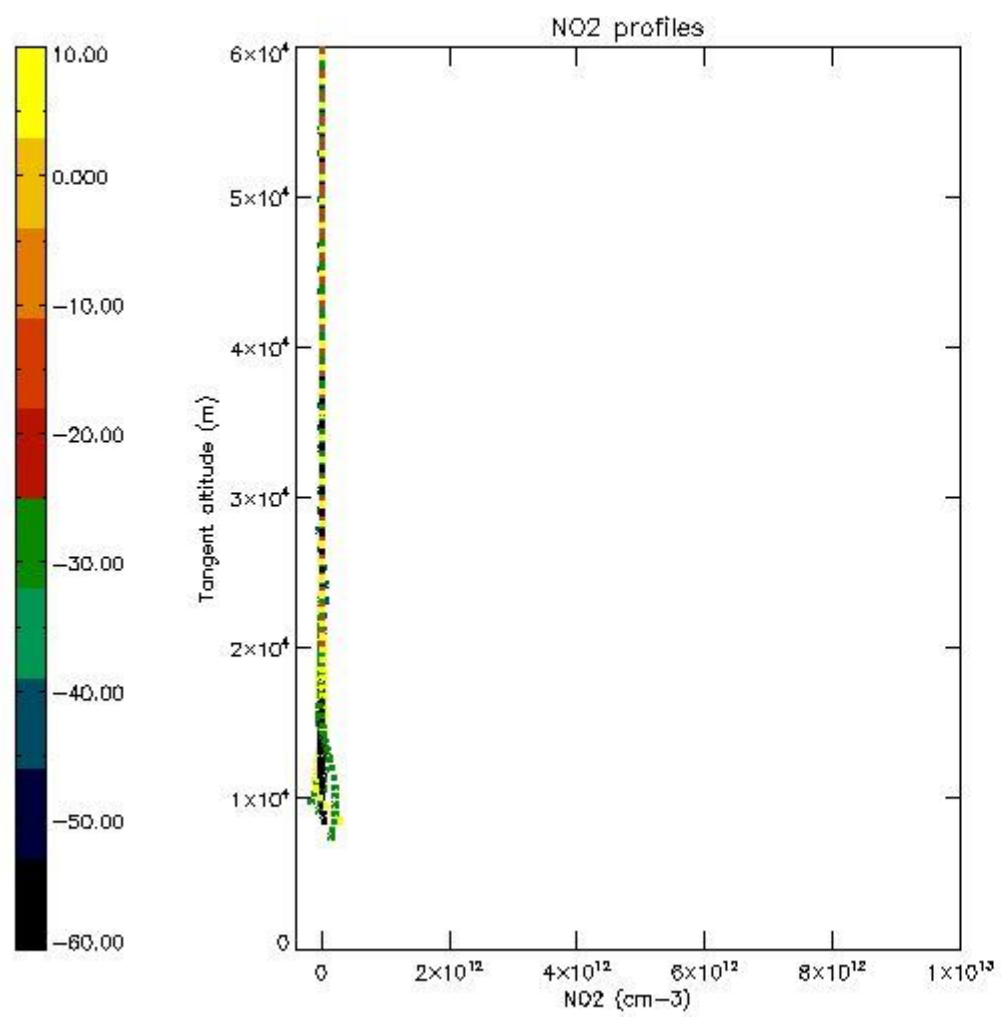
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



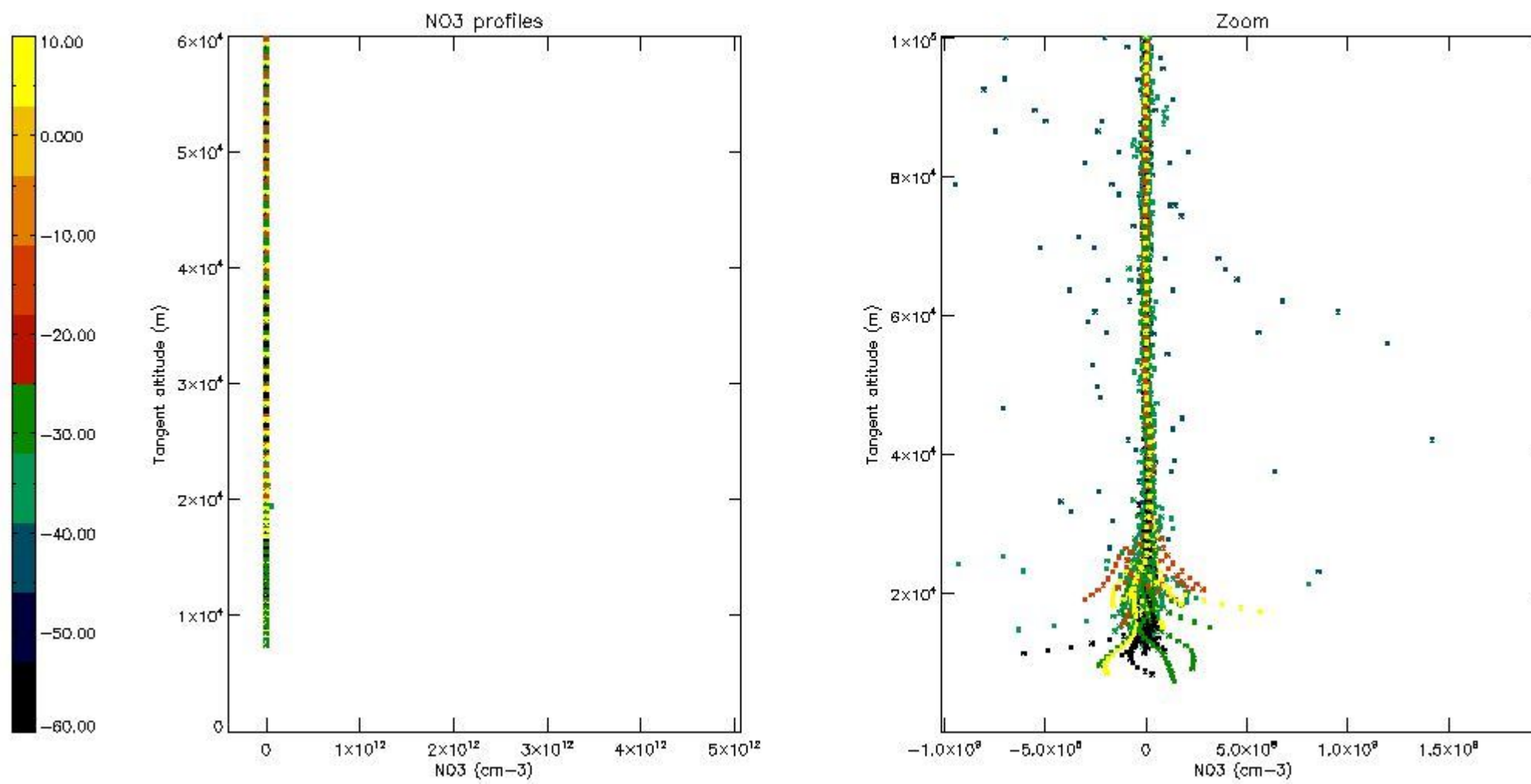
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

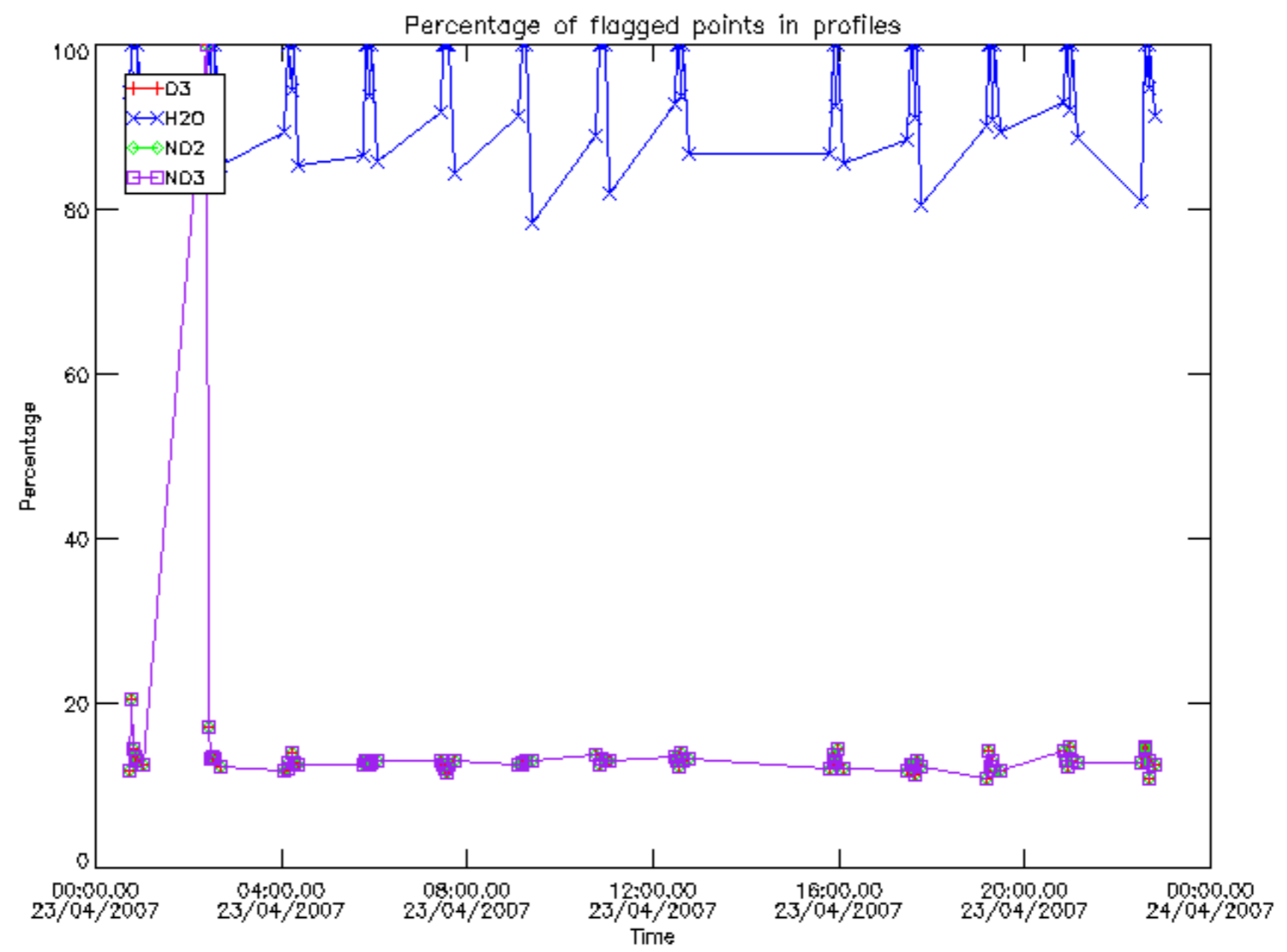
The colorbar represents the latitude.



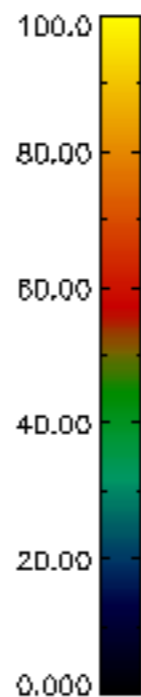
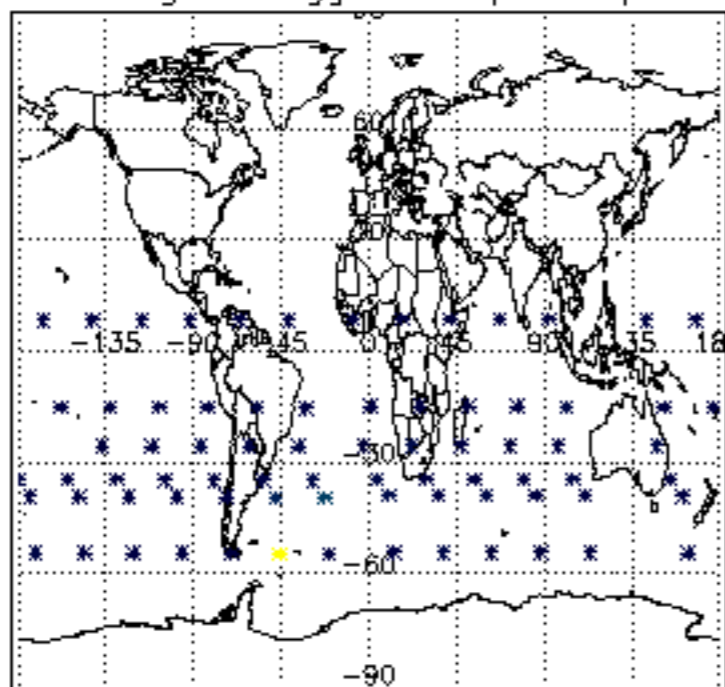
6. Auxiliary Data Files used for the production reported in section 2

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.

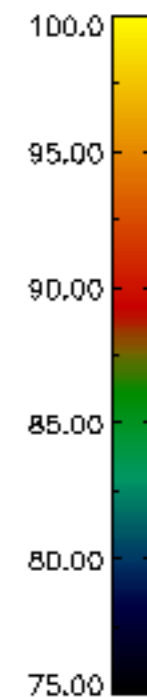
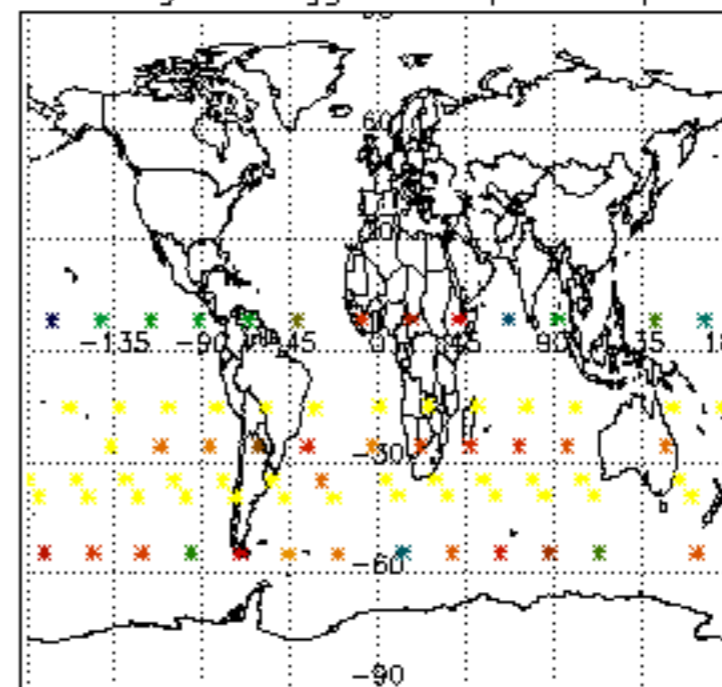
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-APR-2007 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-APR-2007 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-APR-2007 00:00:57



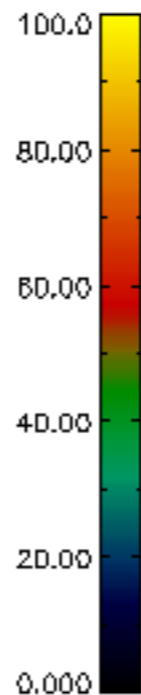
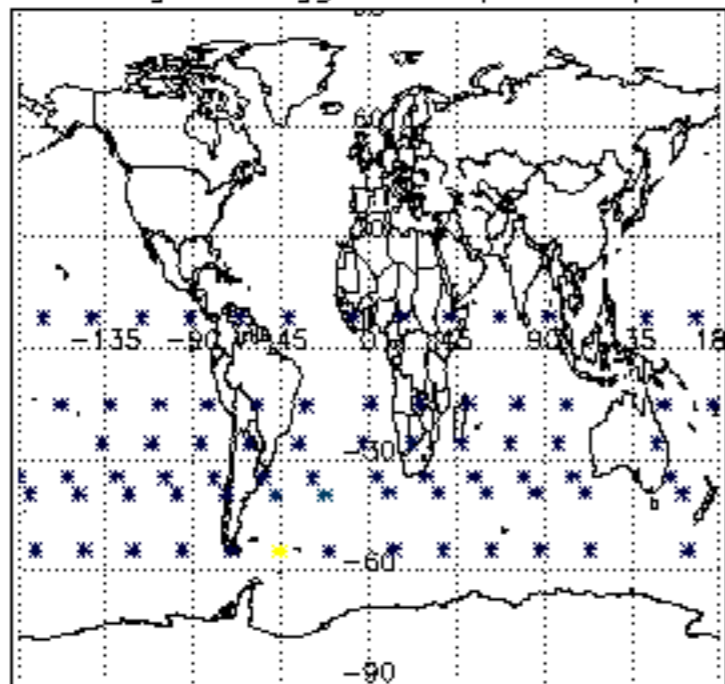
Percentage of flagged data per D3 profile



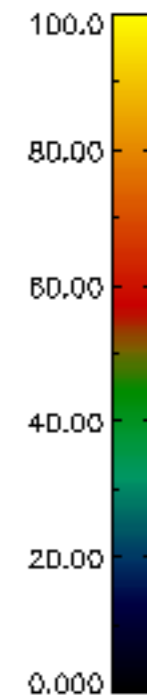
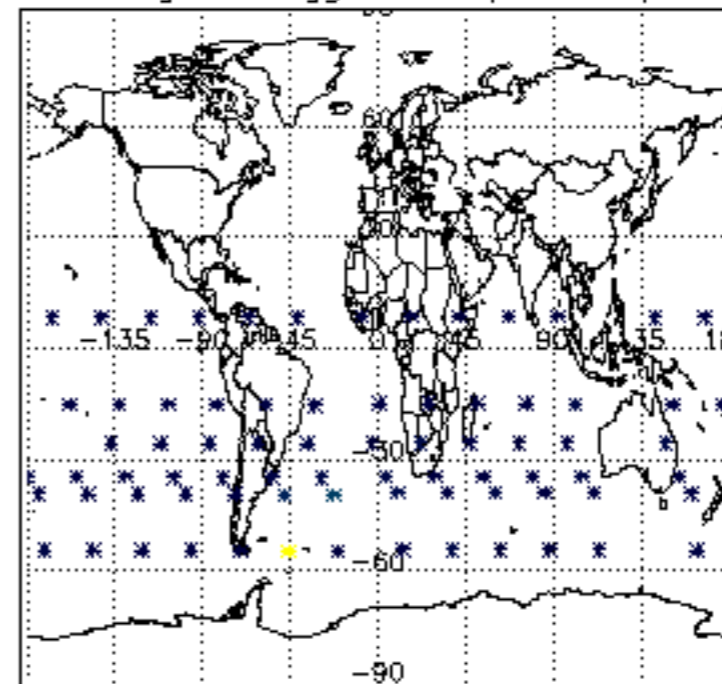
Percentage of flagged data per H2O profile

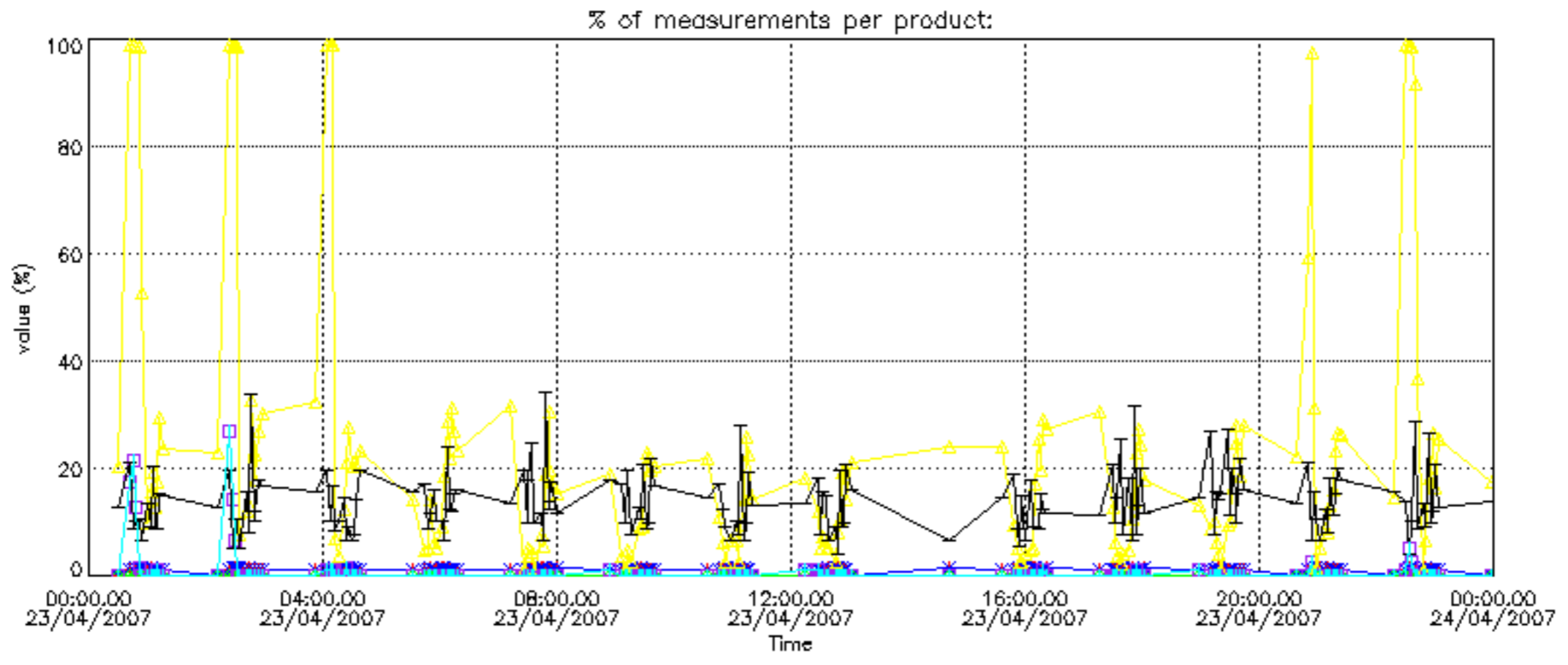


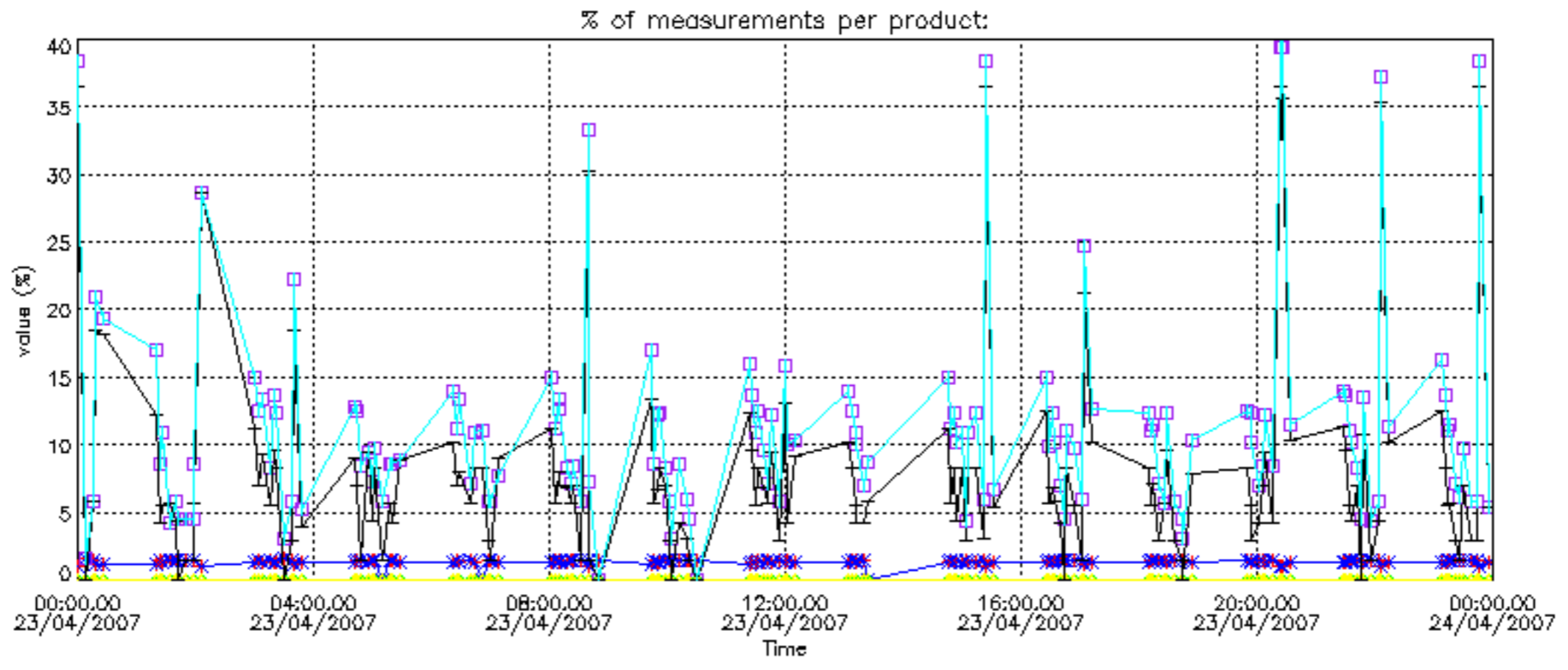
Percentage of flagged data per NO2 profile



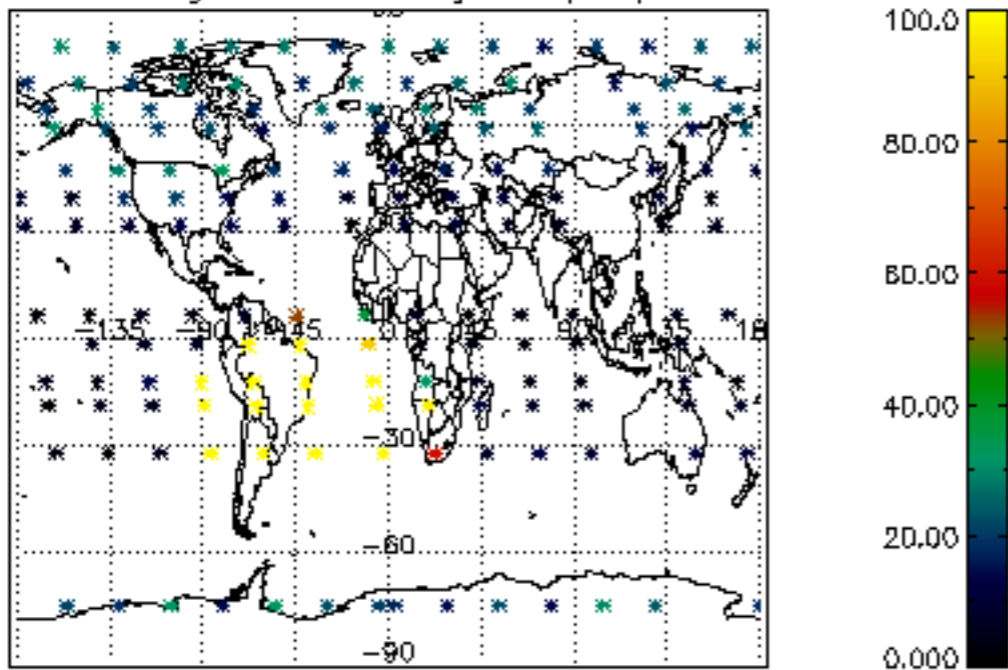
Percentage of flagged data per NO3 profile



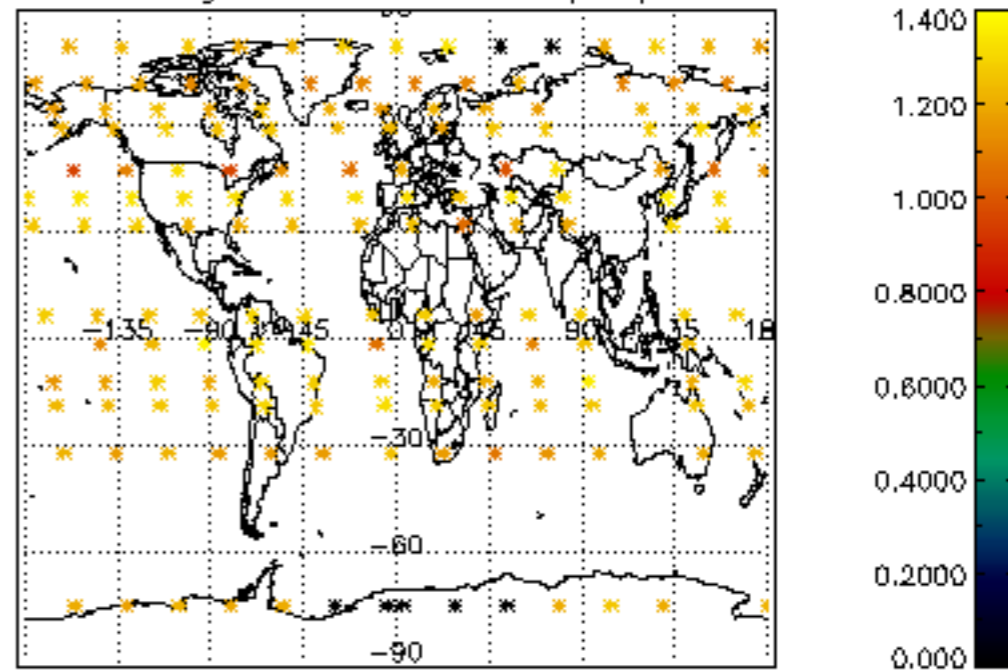




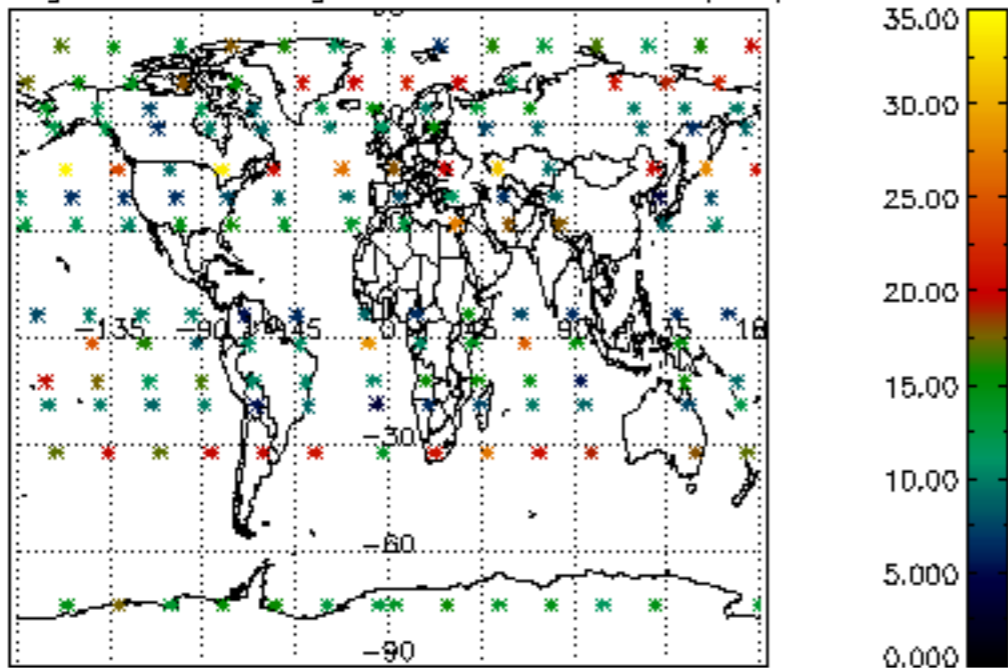
Percentage of cosmic ray hits per profile



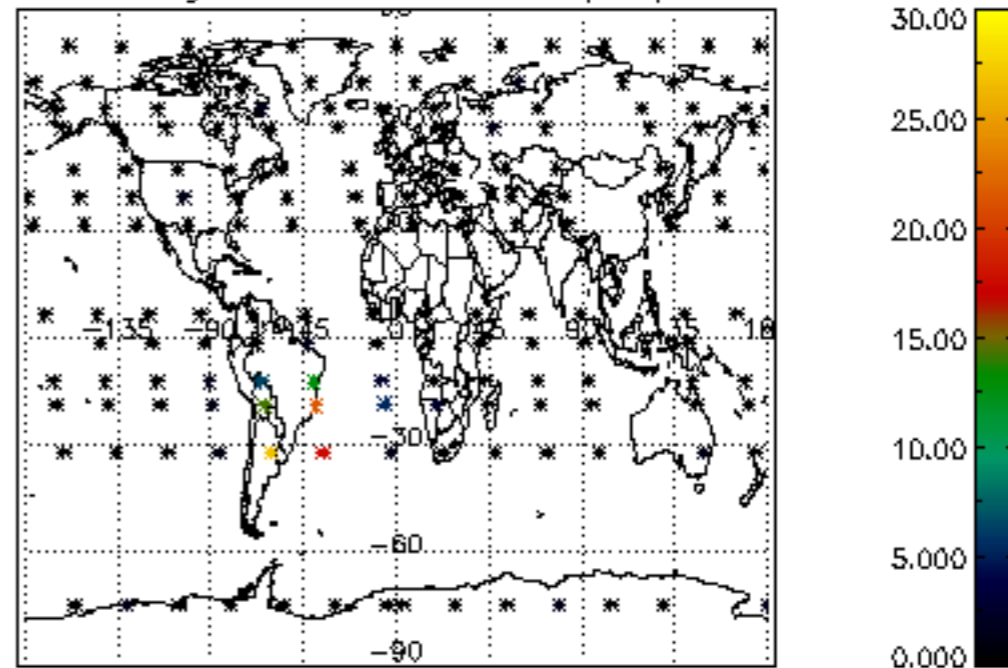
Percentage of datation errors per profile



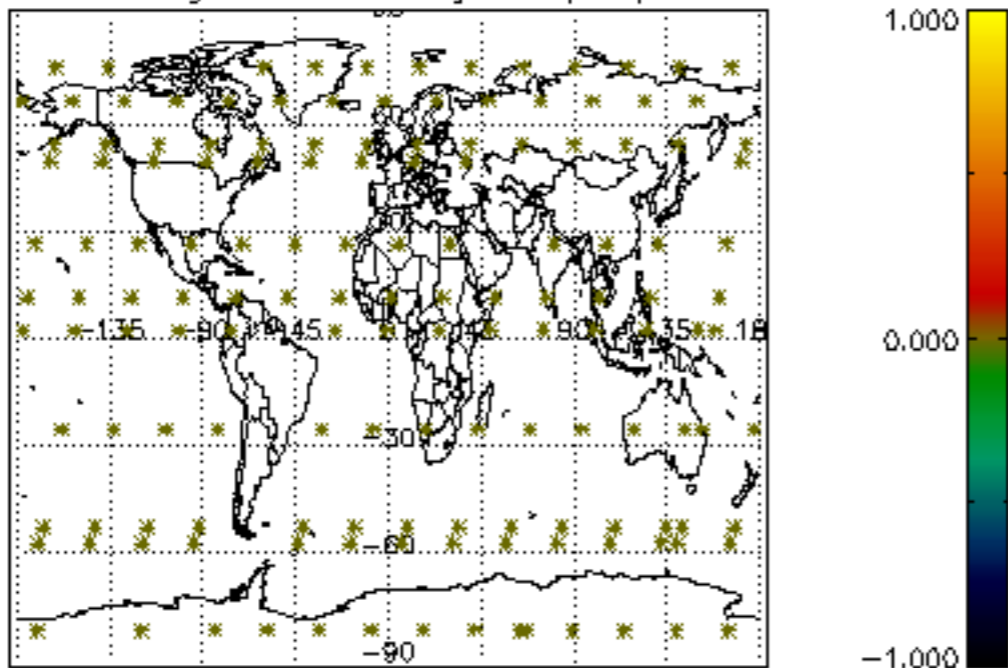
Percentage of star falling outside central band per profile



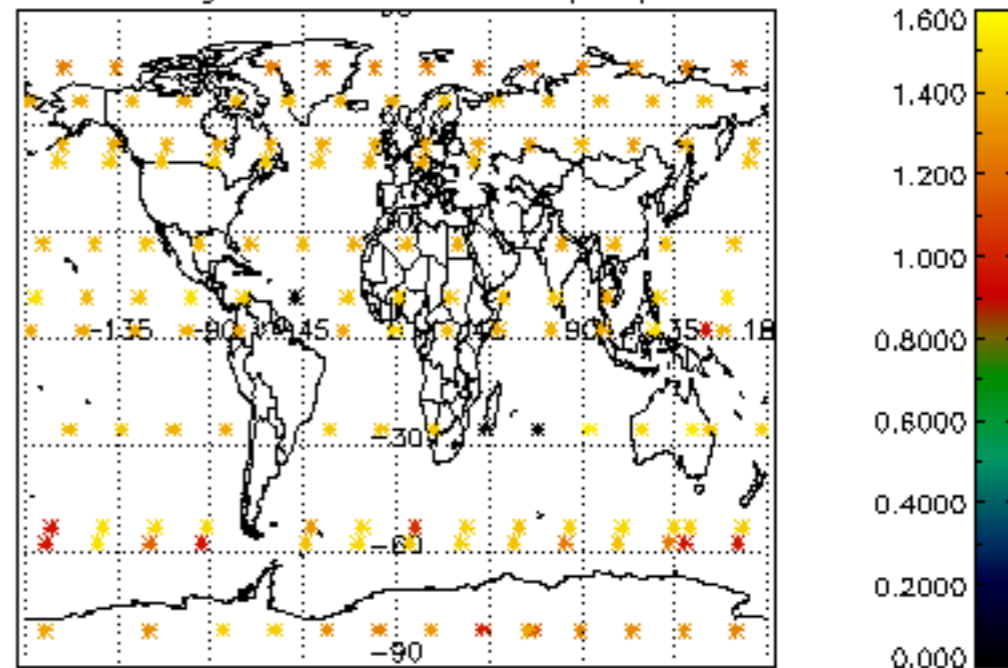
Percentage of saturation errors per profile



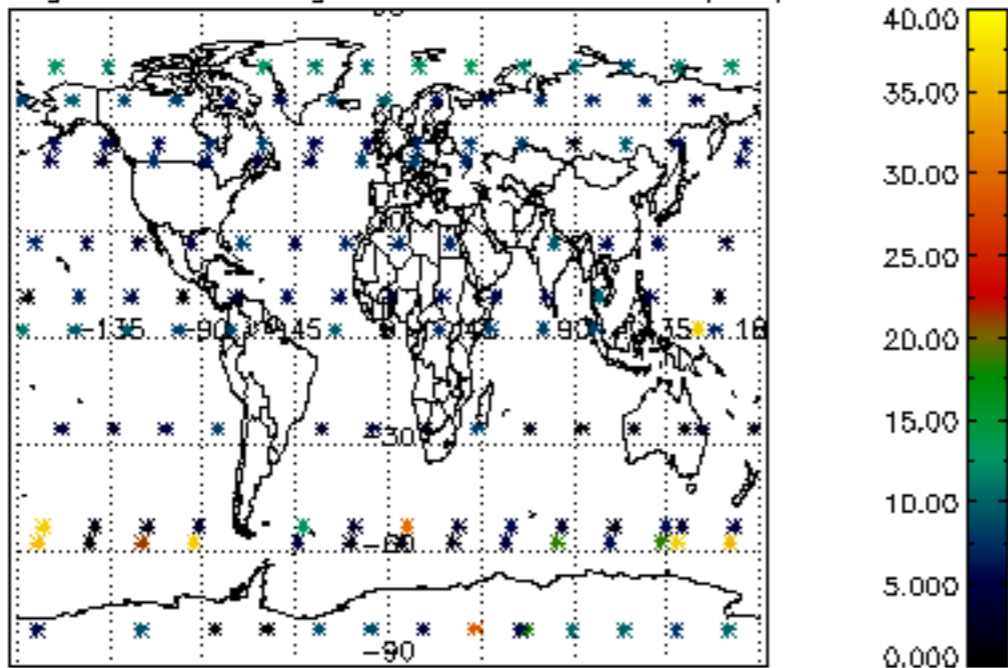
Percentage of cosmic ray hits per profile



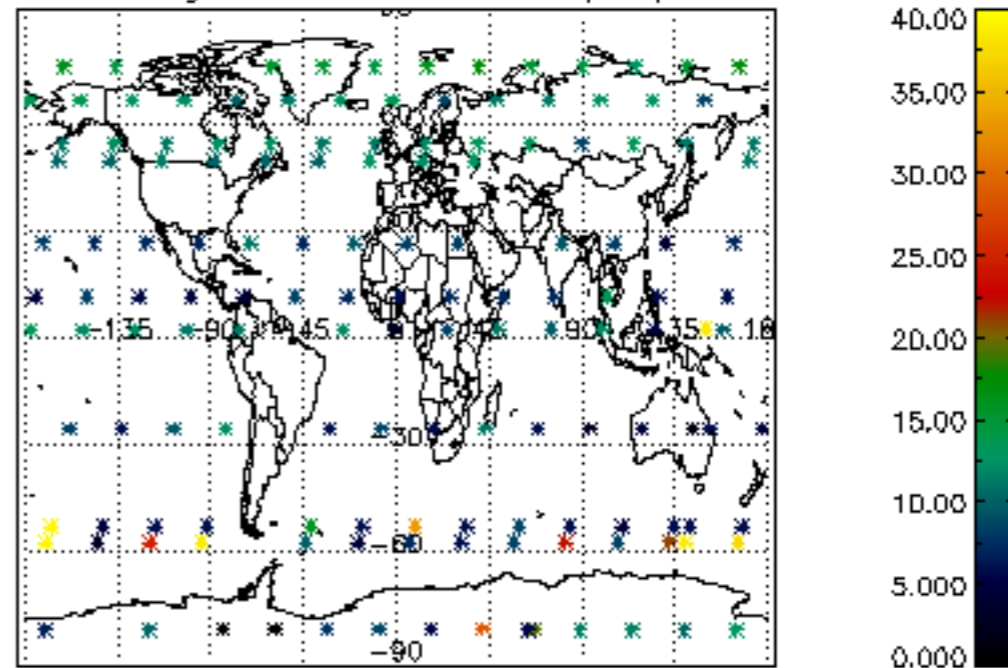
Percentage of datation errors per profile

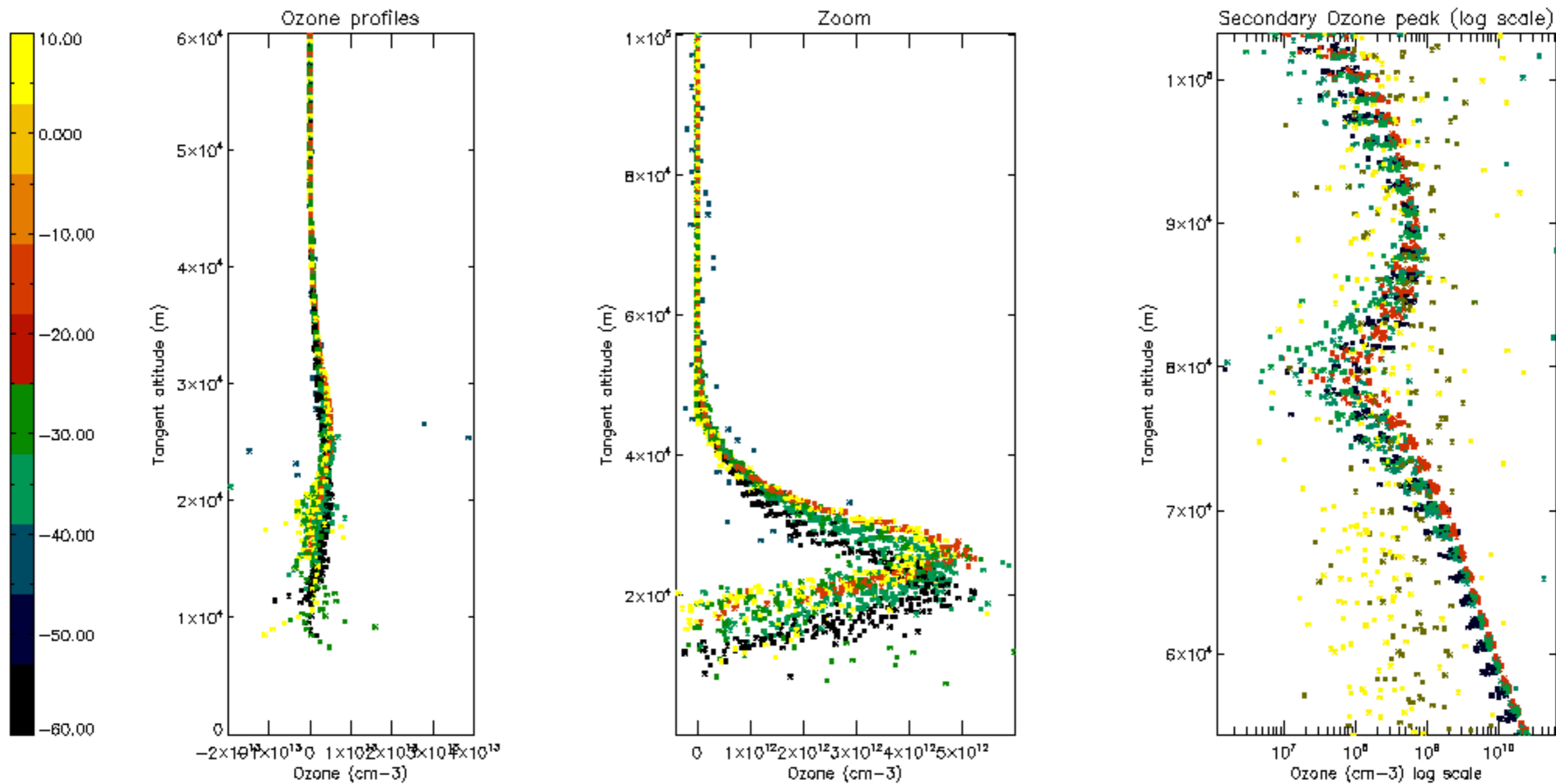


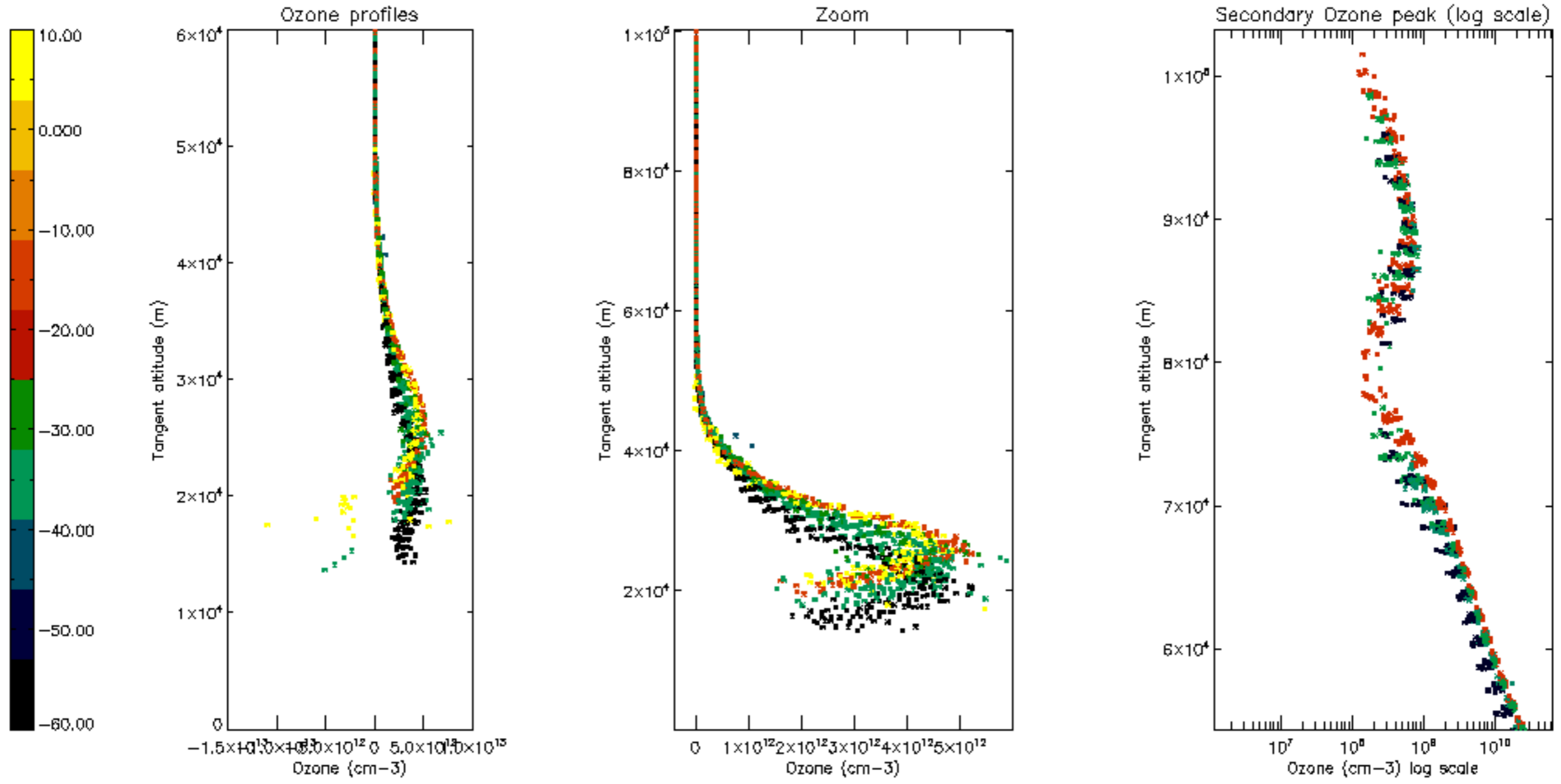
Percentage of star falling outside central band per profile

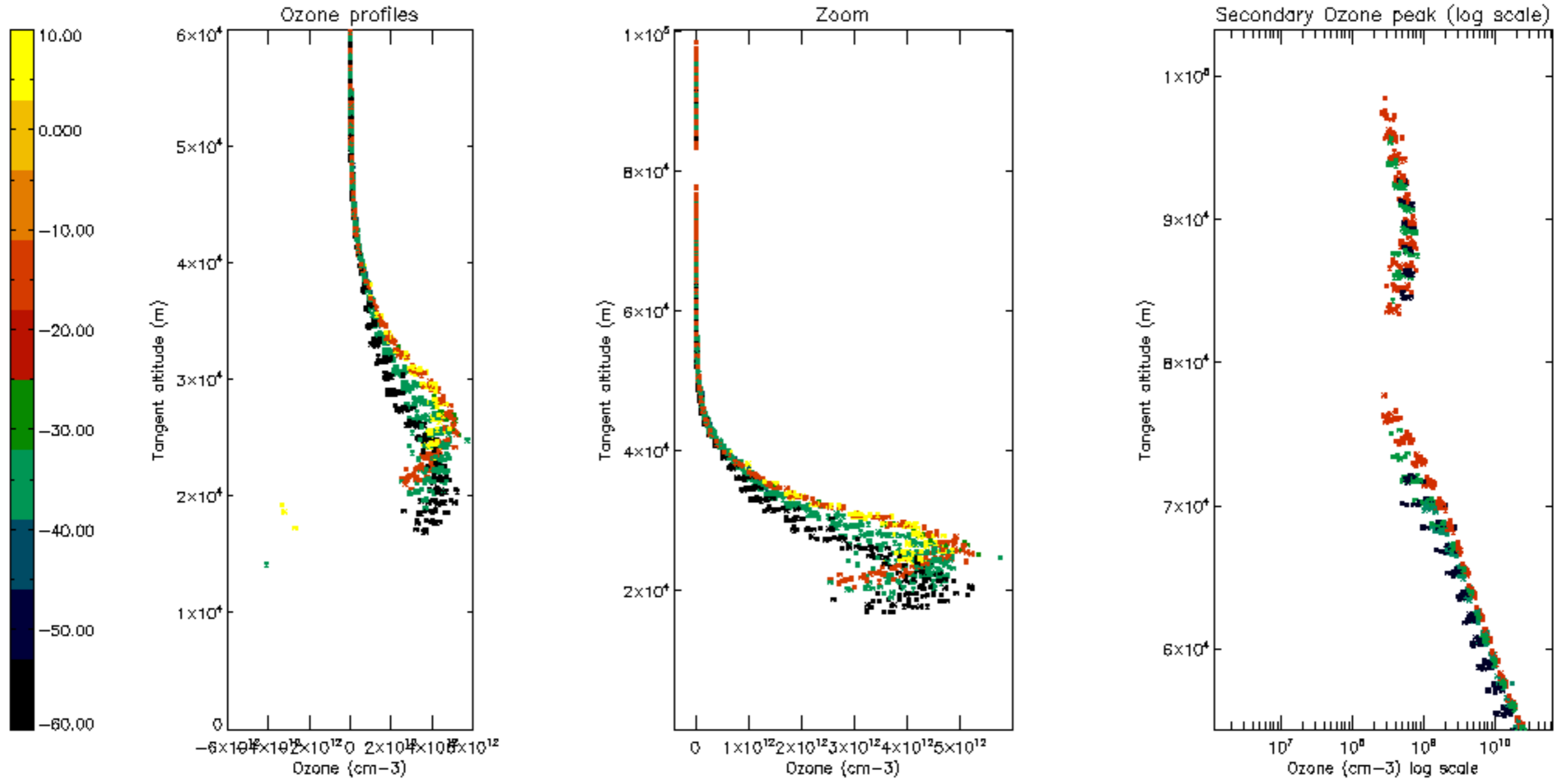


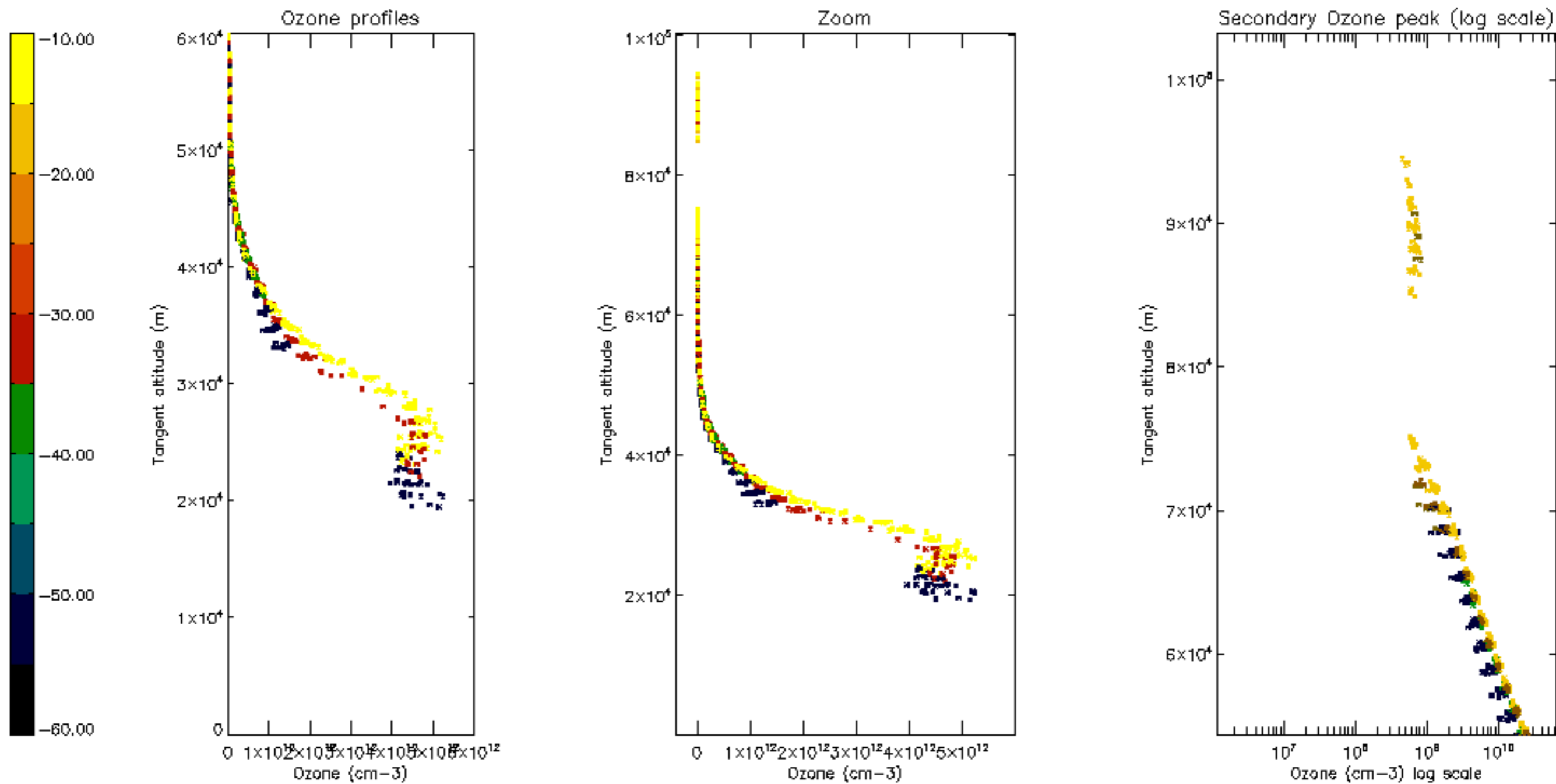
Percentage of saturation errors per profile

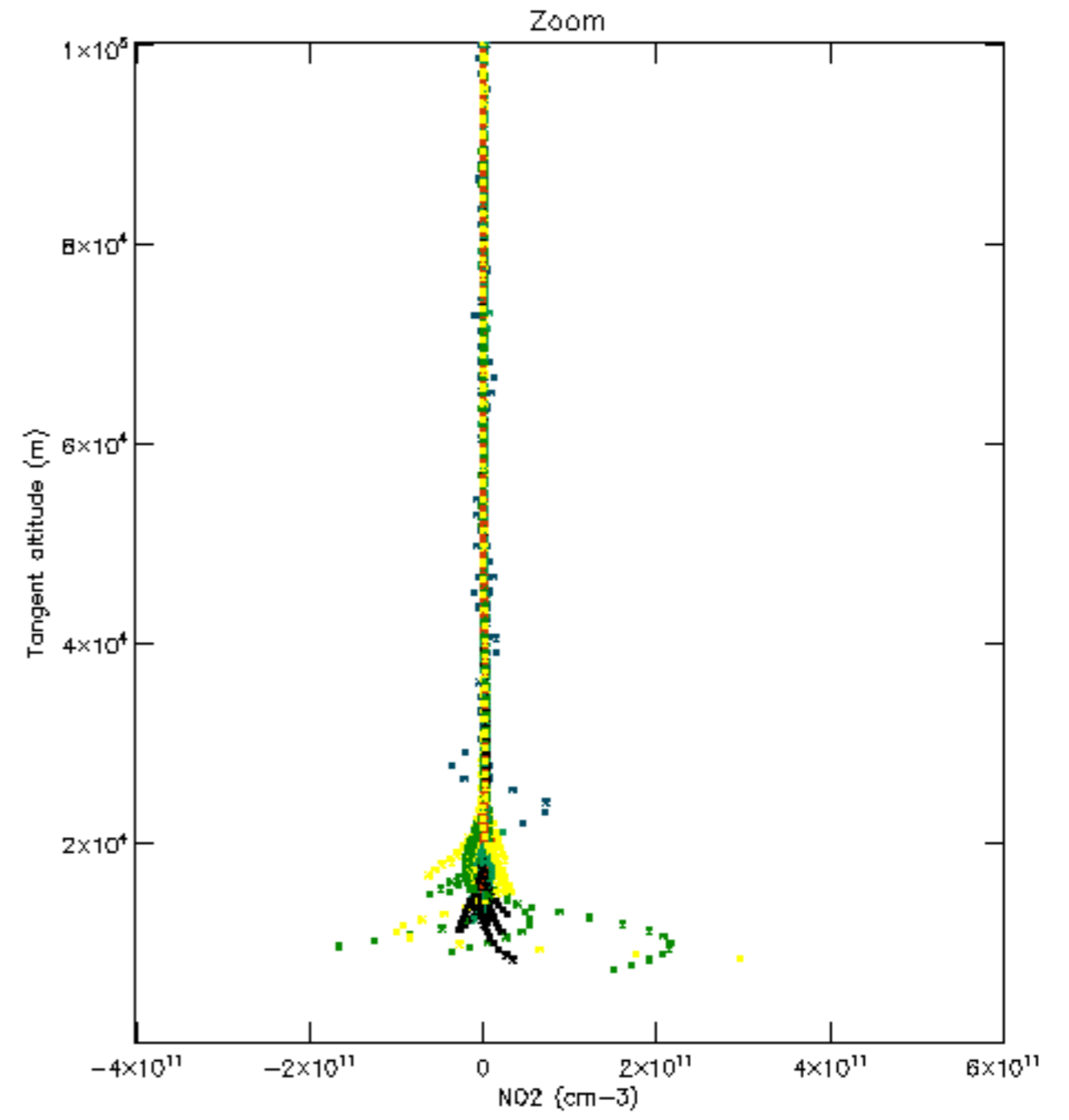
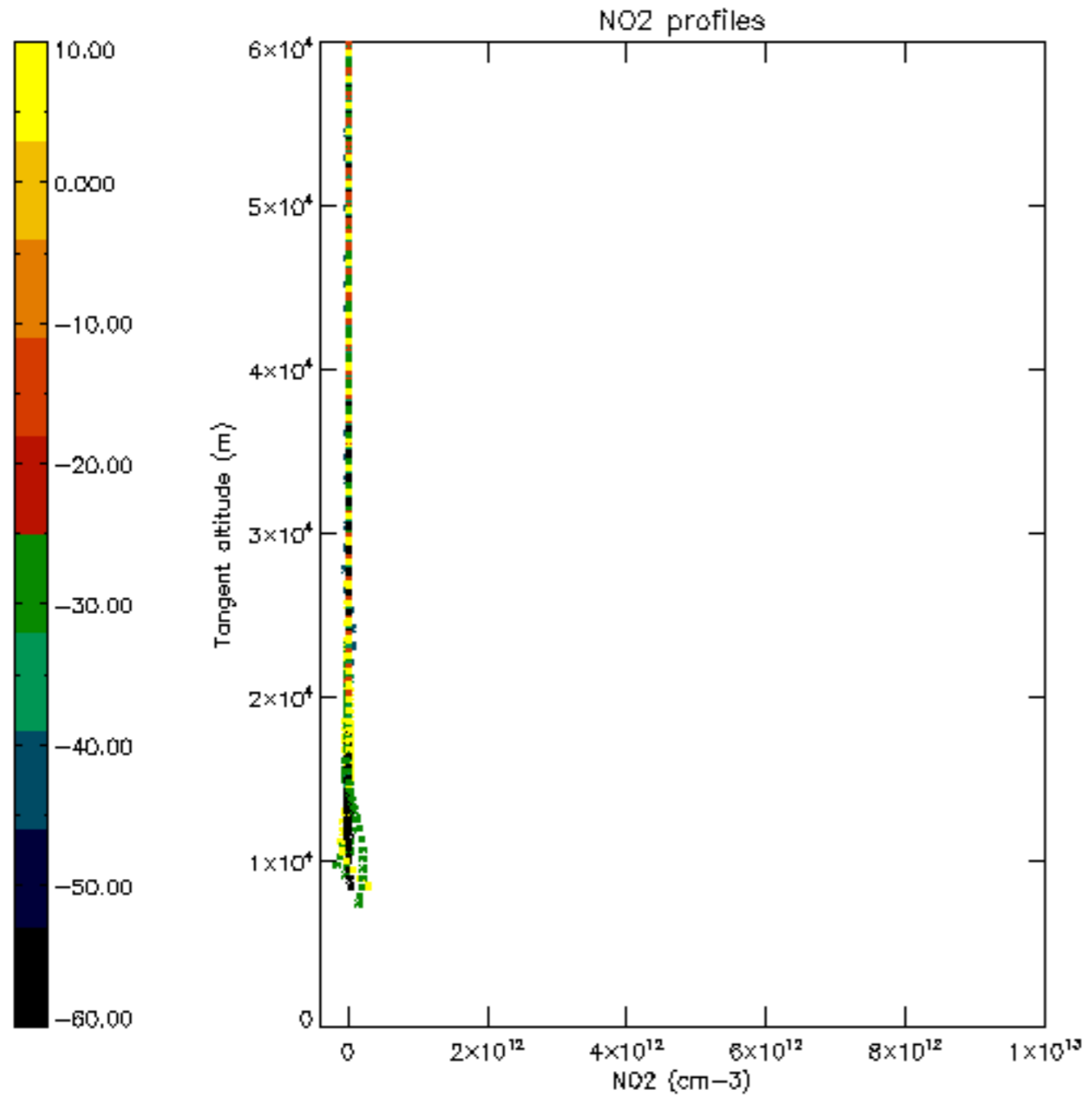


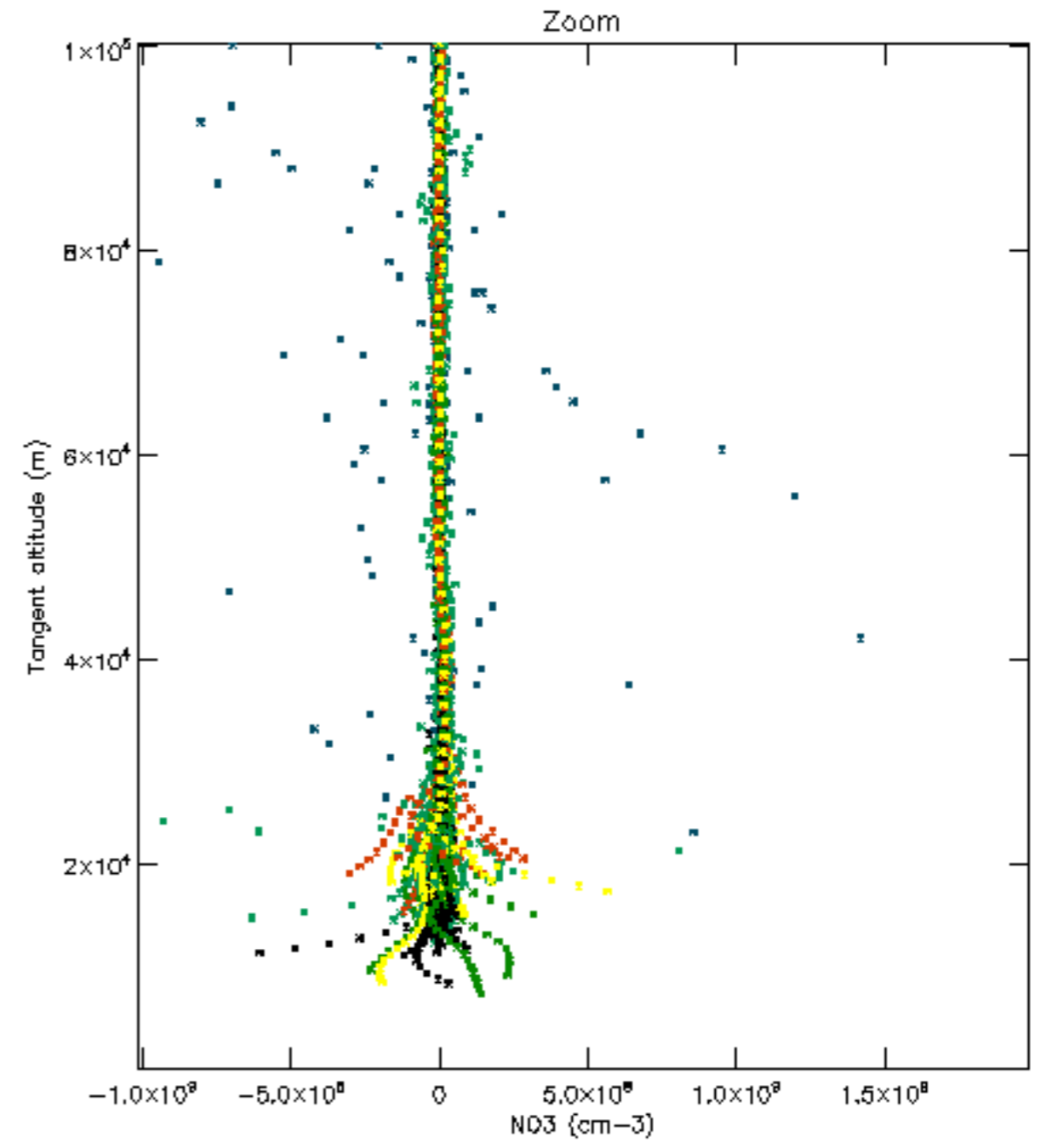
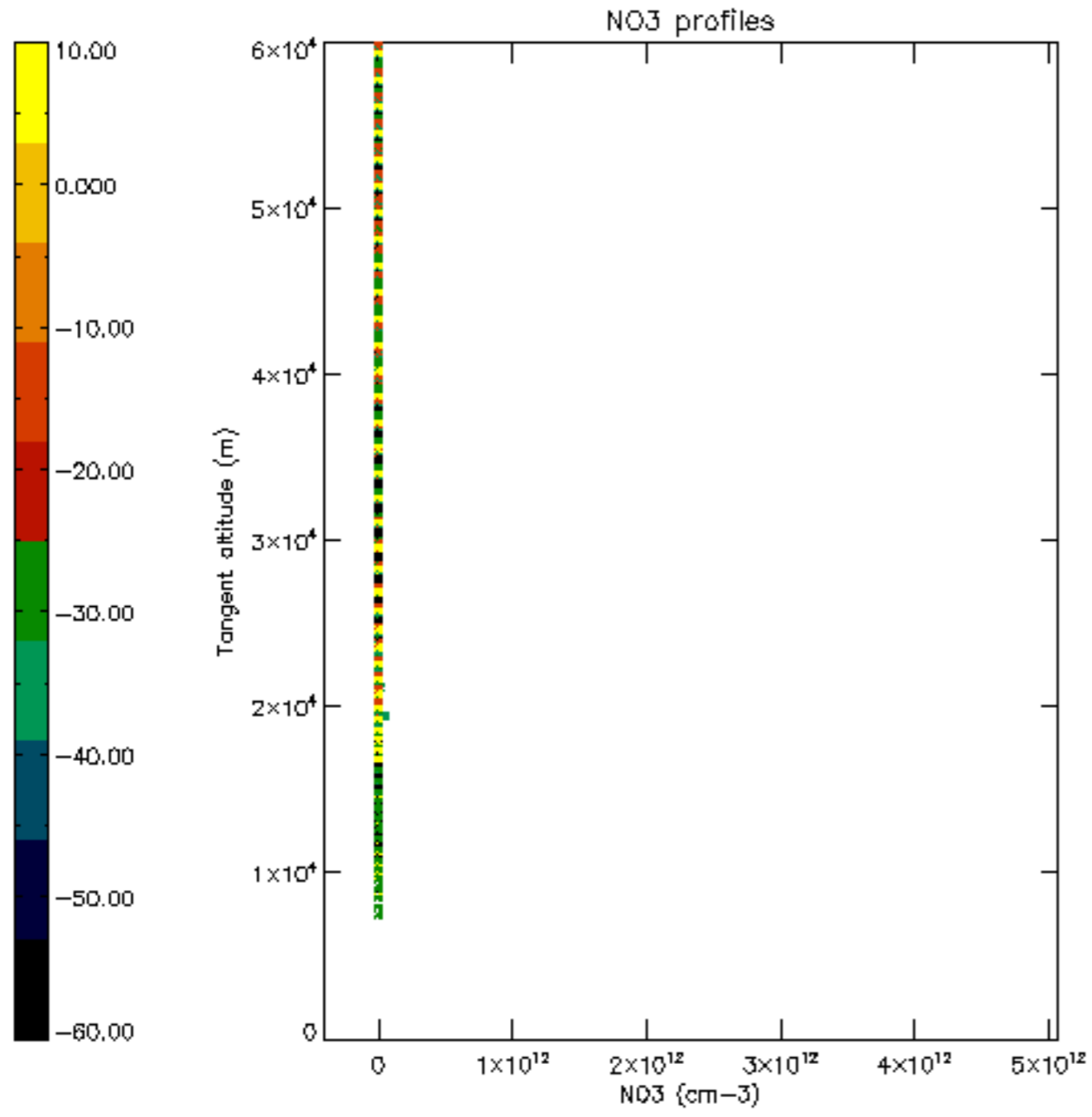


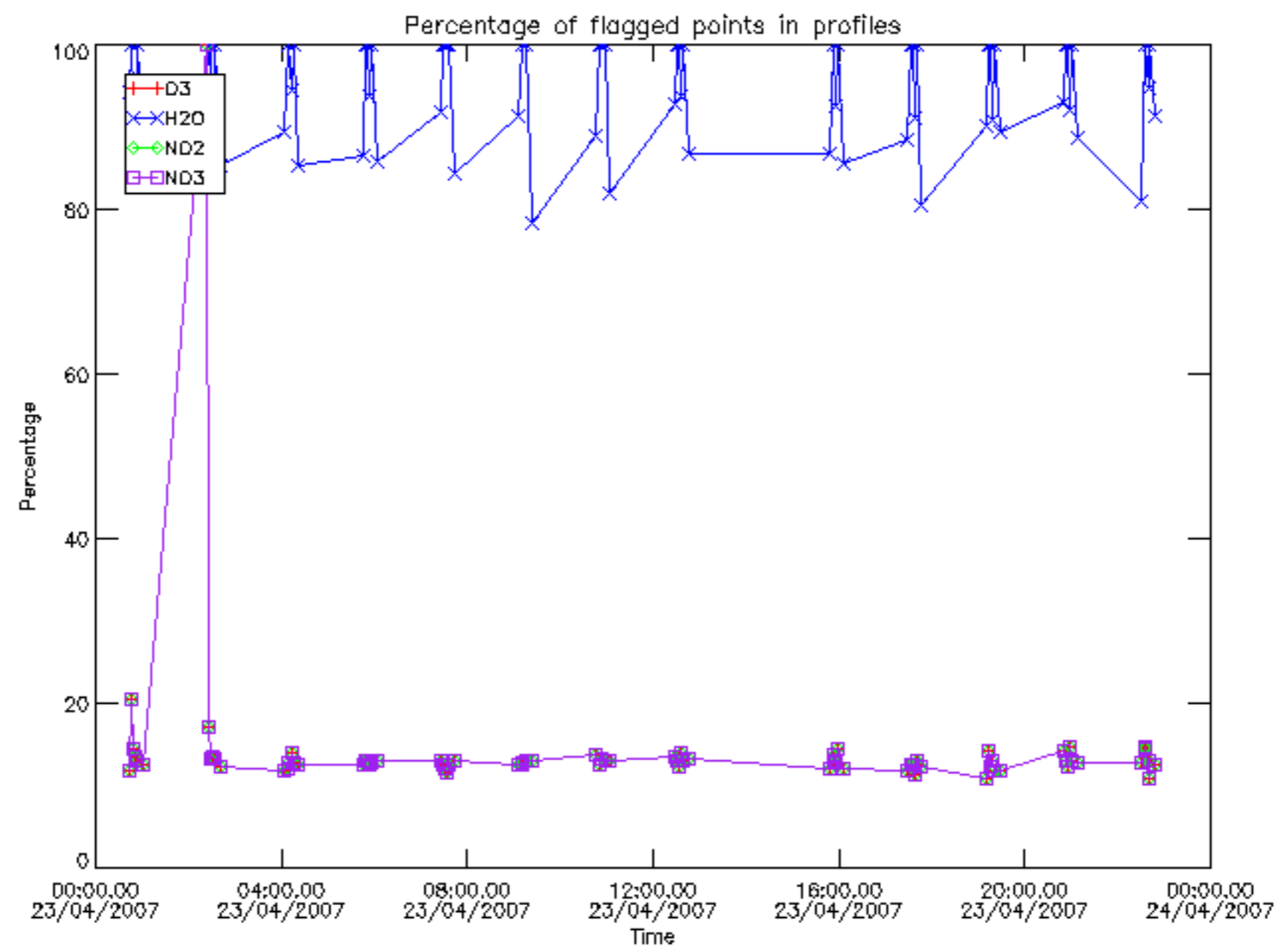




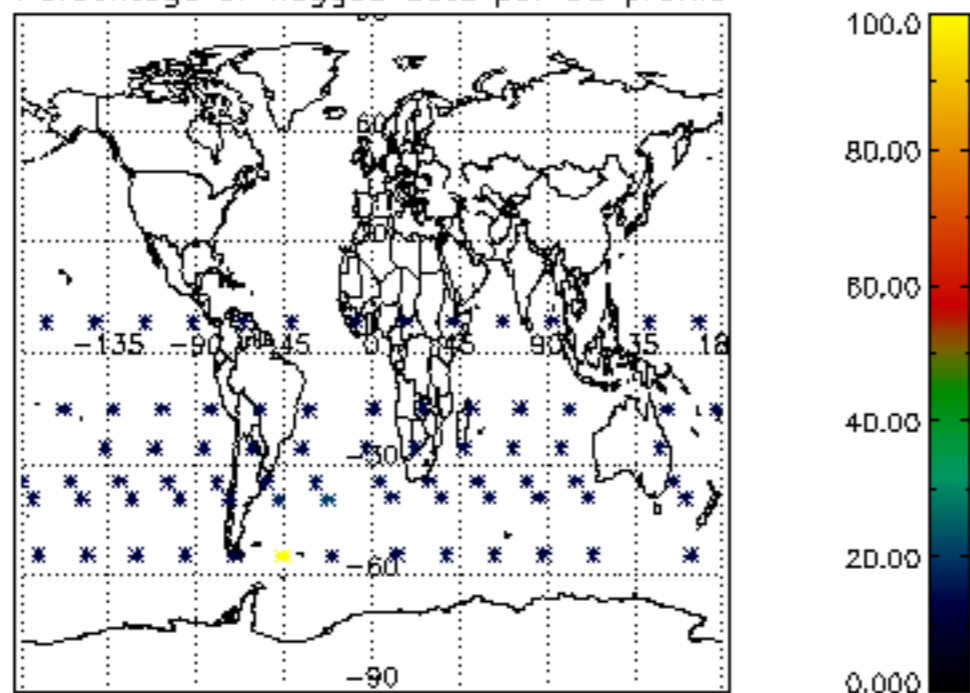




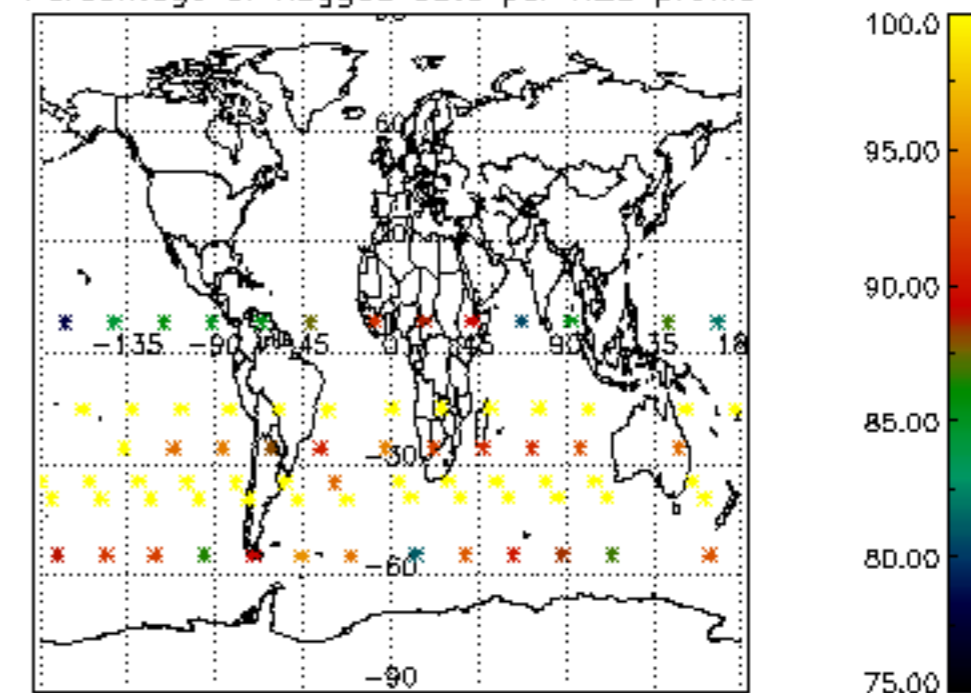




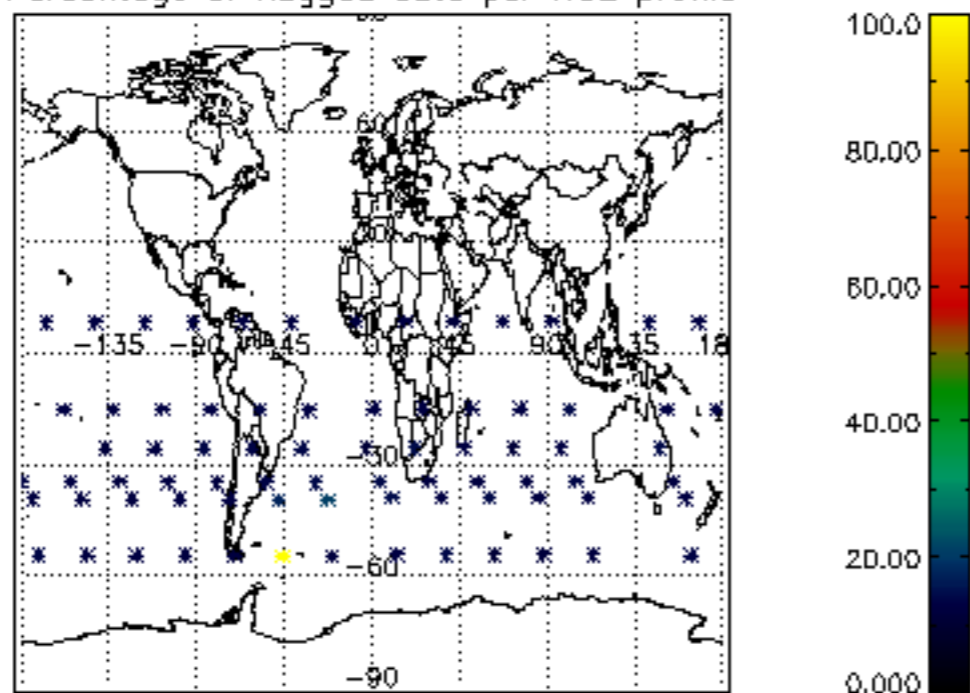
Percentage of flagged data per D3 profile



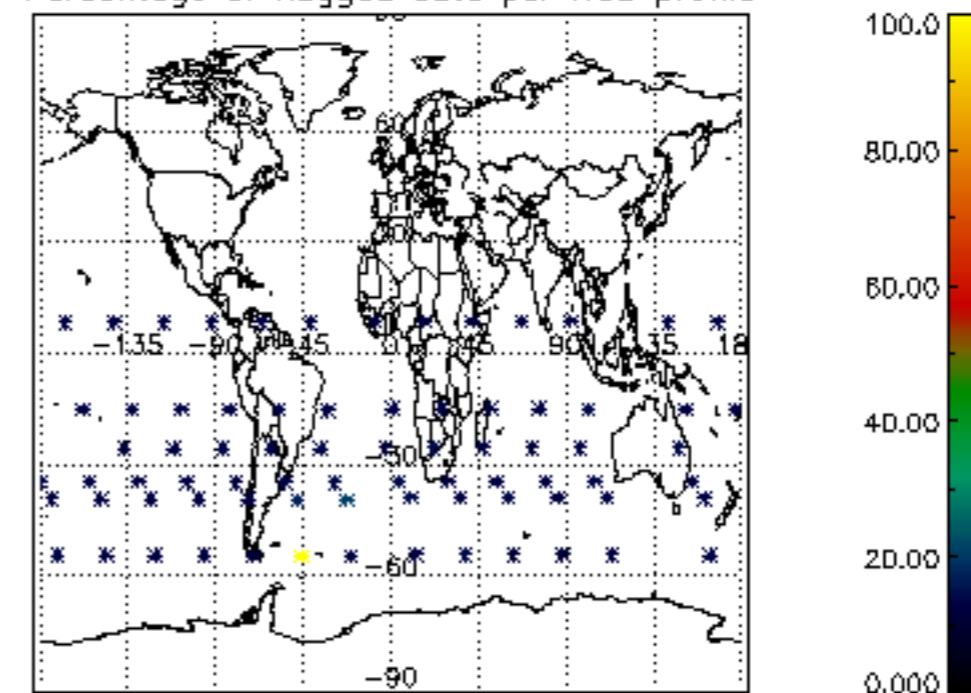
Percentage of flagged data per H2O profile

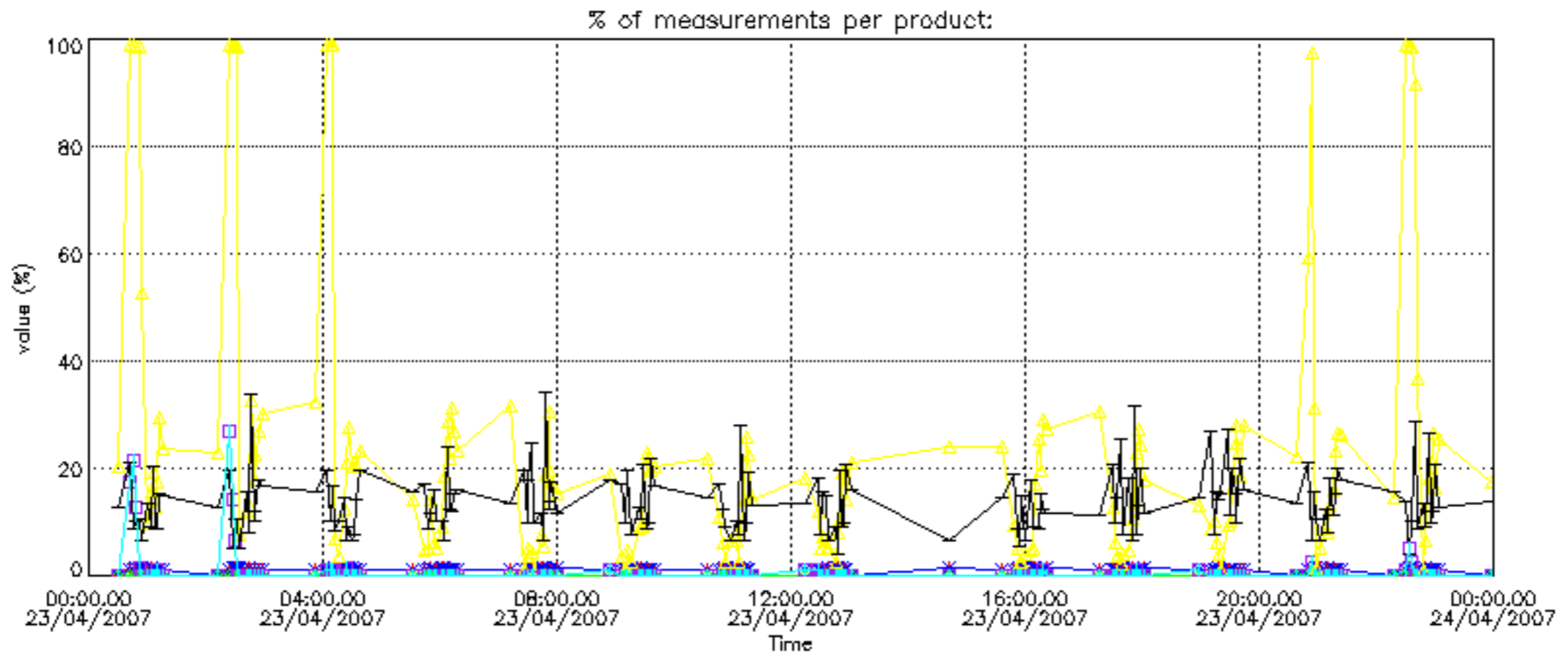


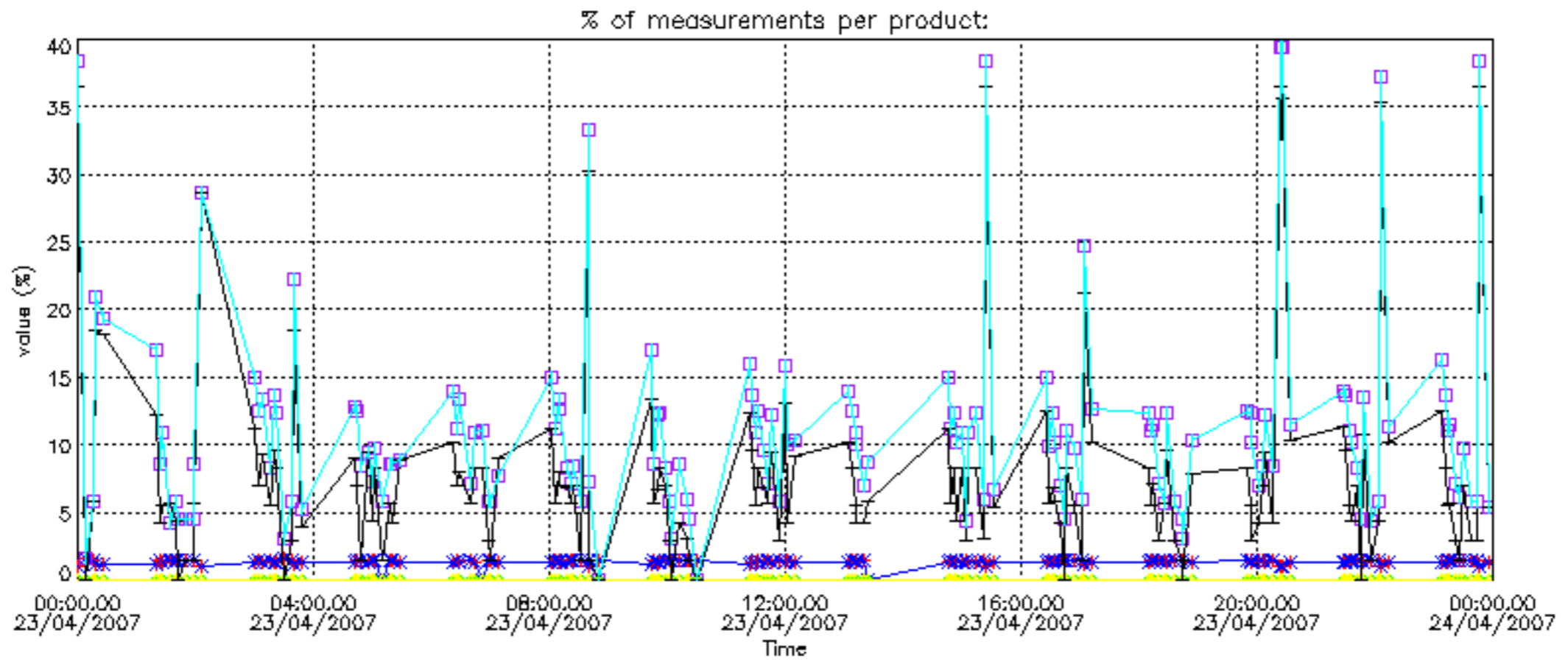
Percentage of flagged data per NO2 profile



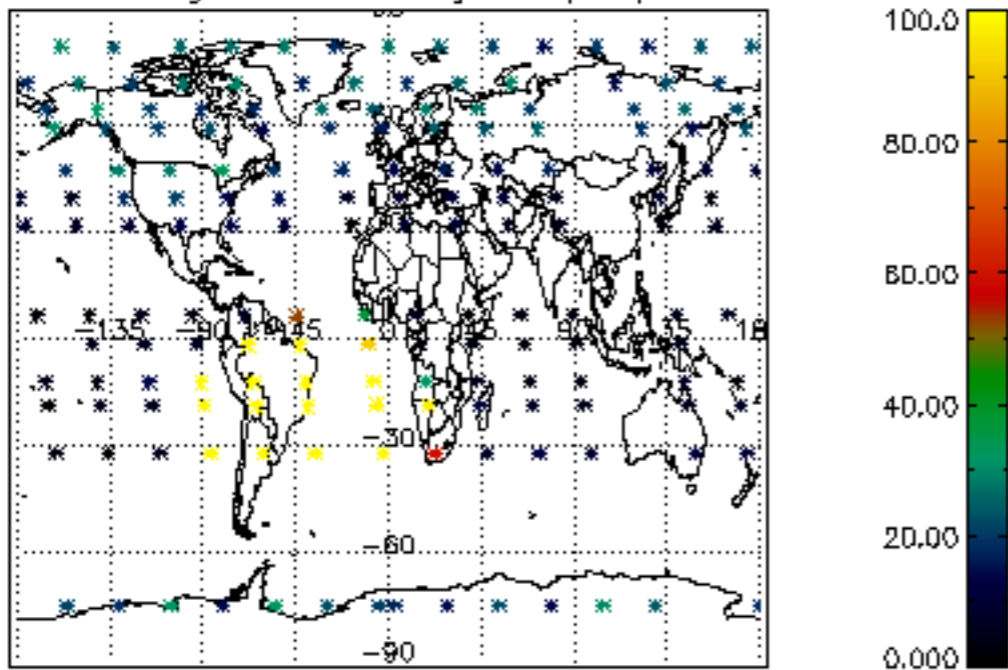
Percentage of flagged data per NO3 profile



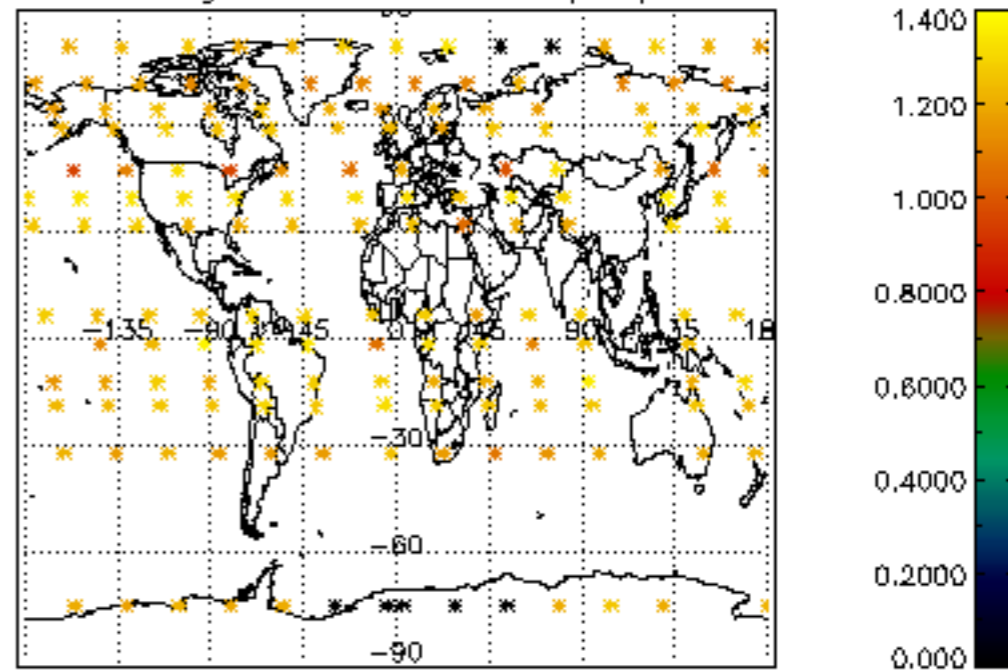




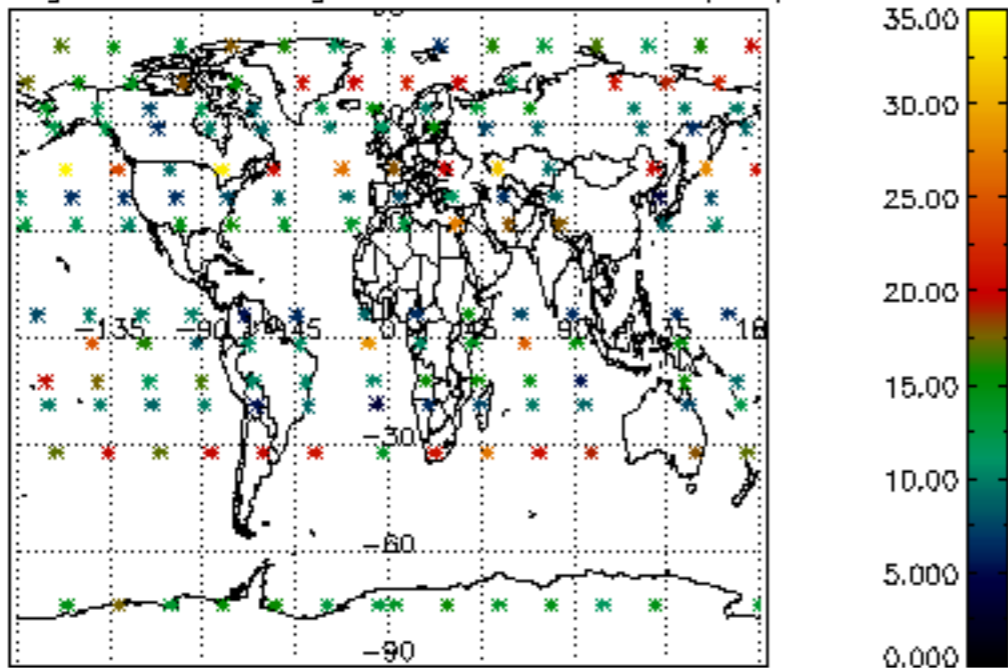
Percentage of cosmic ray hits per profile



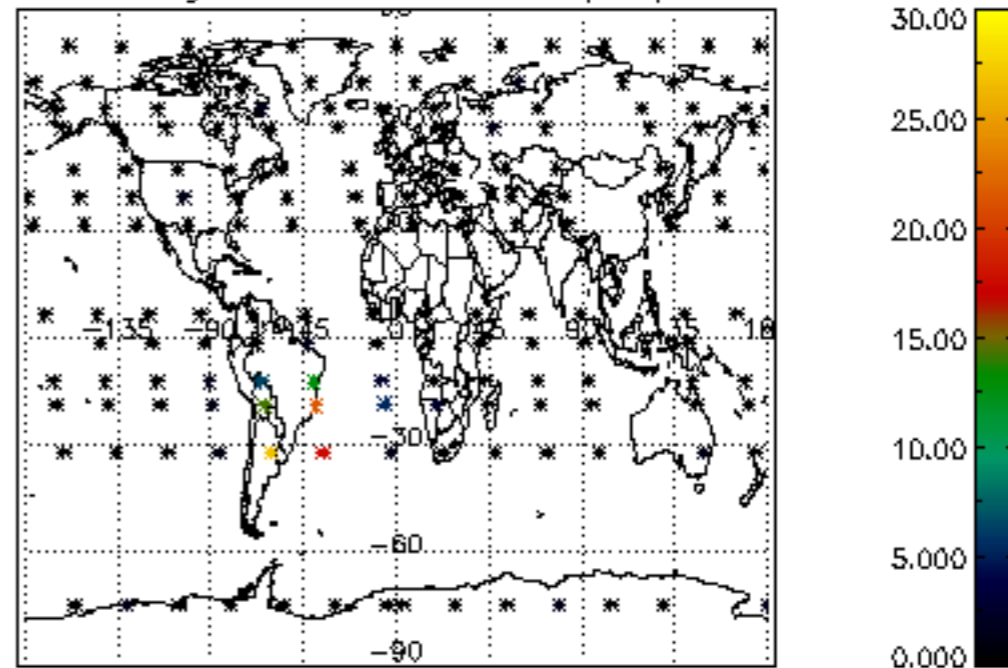
Percentage of datation errors per profile



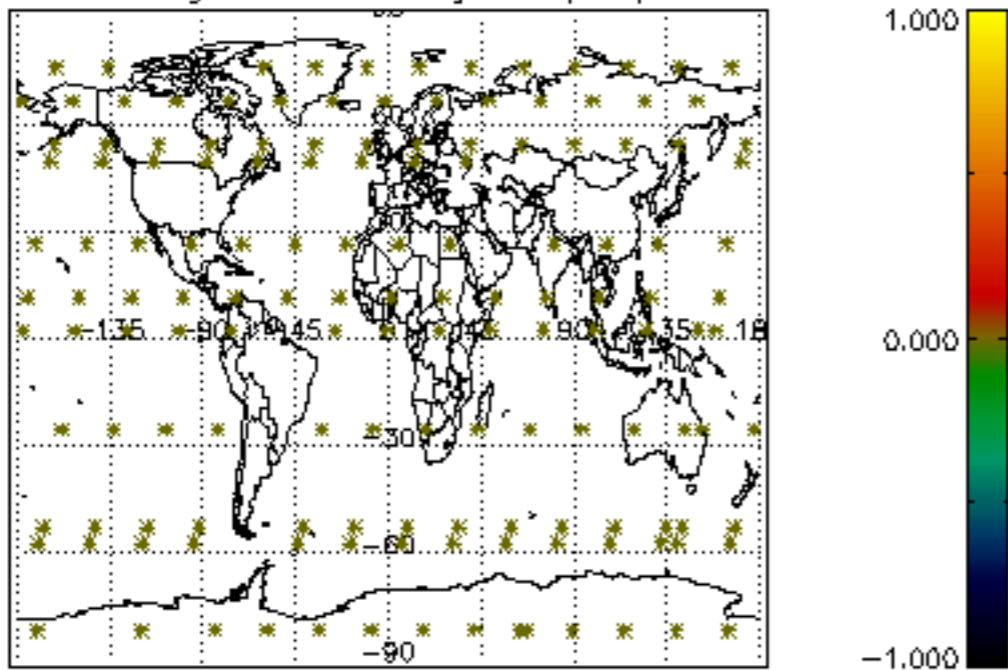
Percentage of star falling outside central band per profile



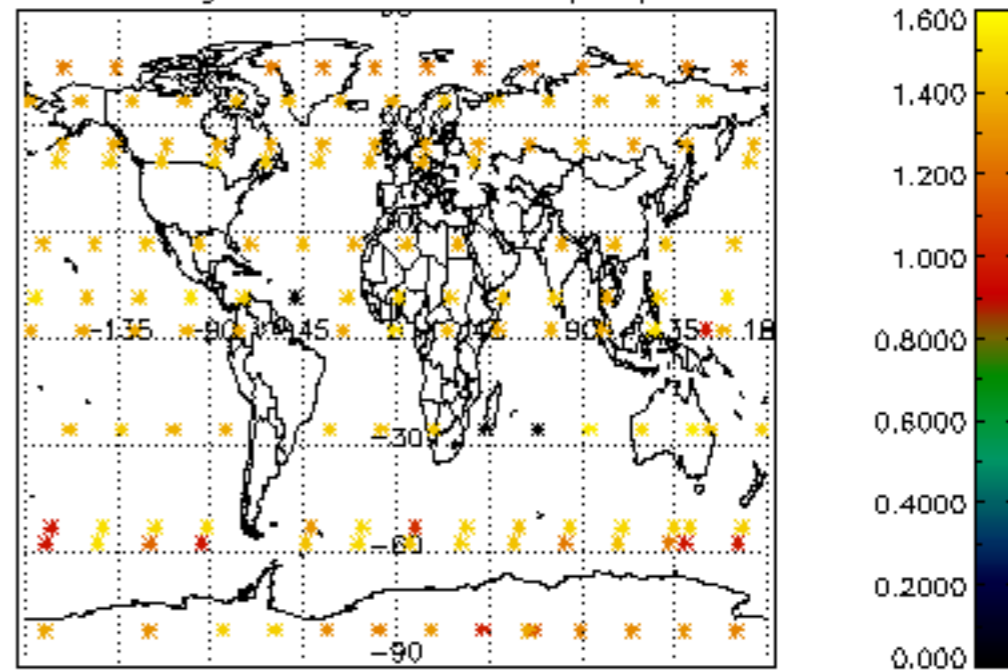
Percentage of saturation errors per profile



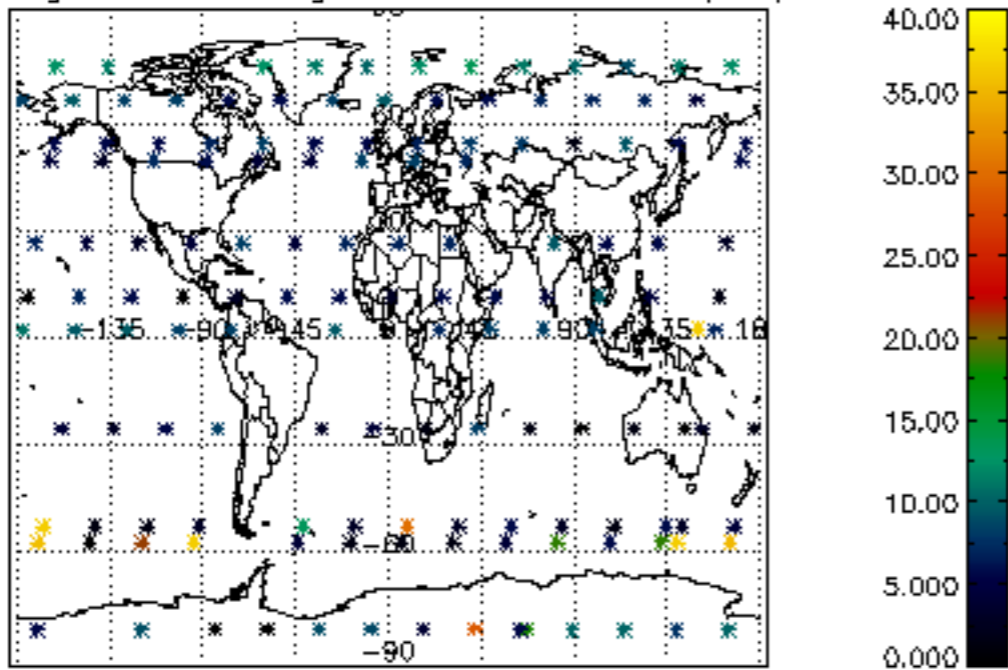
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

