

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	18APR2013 12:01:54
Data source version	GOMOS/6.01
Start time of products	23-10-2005 (23OCT2005 00:00:00)
Stop time of products	24-10-2005 (24OCT2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	203
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

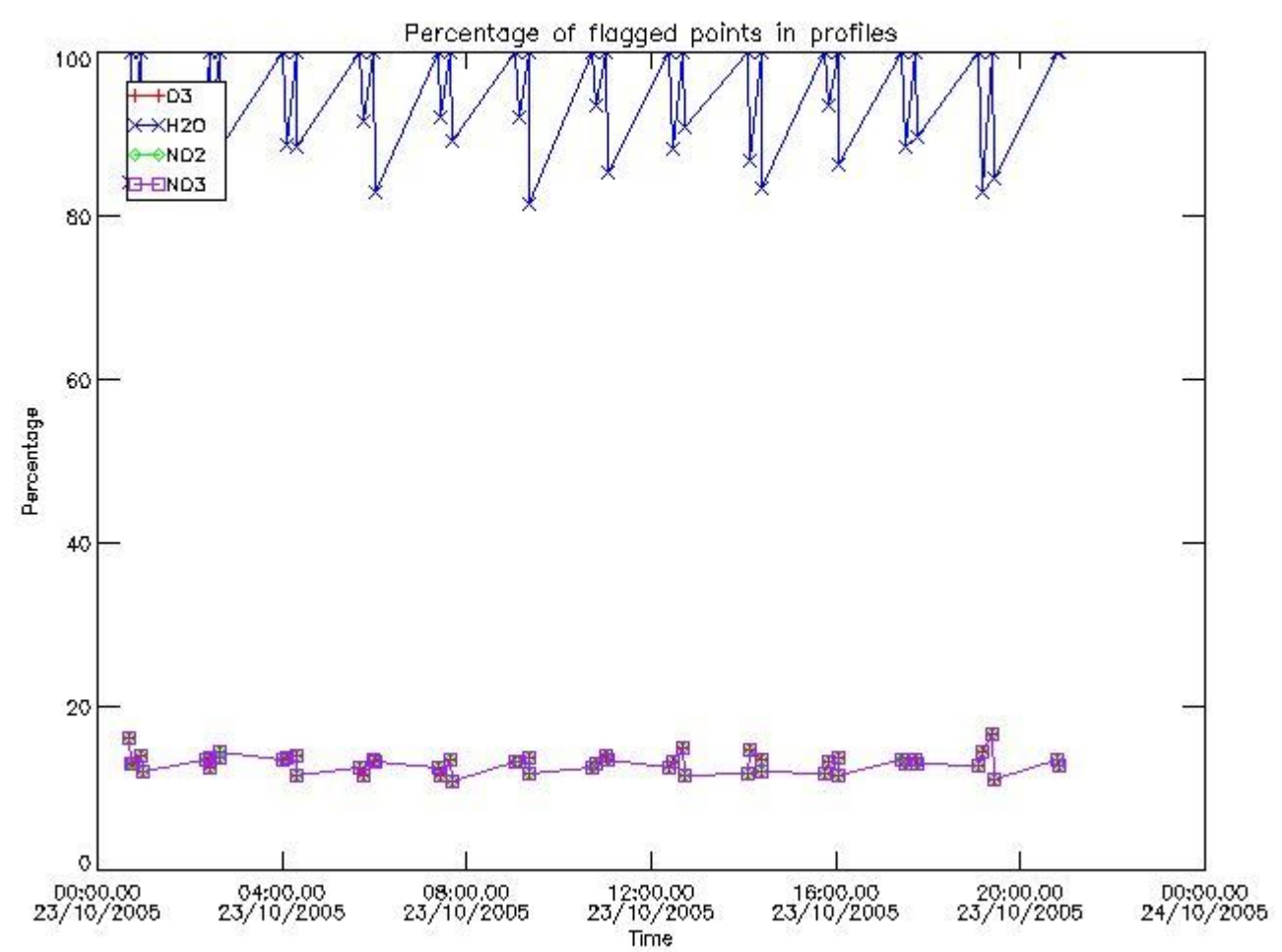
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20051023_000001_000000362041_00474_19065_7854.N1	23-OCT-2005 00:00:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19065	No
2	GOM_NL__2PRFIN20051023_000325_000000372041_00474_19065_7855.N1	23-OCT-2005 00:03:25	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19065	No
3	GOM_NL__2PRFIN20051023_000816_000000382041_00474_19065_7856.N1	23-OCT-2005 00:08:16	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	19065	No
4	GOM_NL__2PRFIN20051023_001031_000000512041_00474_19065_7857.N1	23-OCT-2005 00:10:31	Bright	51.000	87	64Gam UMa	2.4330	11000.	102	19065	No
5	GOM_NL__2PRFIN20051023_001321_000000362041_00474_19065_7858.N1	23-OCT-2005 00:13:21	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	19065	No
6	GOM_NL__2PRFIN20051023_002020_000000382041_00474_19065_7859.N1	23-OCT-2005 00:20:20	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	19065	No
7	GOM_NL__2PRFIN20051023_003955_000000382041_00474_19065_7860.N1	23-OCT-2005 00:39:55	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	19065	No
8	GOM_NL__2PRFIN20051023_004427_000000402041_00475_19066_7844.N1	23-OCT-2005 00:44:27	Dark	39.500	46	Del Vel	1.9540	10600.	79	19066	No
9	GOM_NL__2PRFIN20051023_004622_000000392041_00475_19066_7845.N1	23-OCT-2005 00:46:22	Dark	39.000	29	Bet Car	1.6720	10200.	78	19066	No
10	GOM_NL__2PRFIN20051023_005724_000000372041_00475_19066_7846.N1	23-OCT-2005 00:57:24	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19066	No
11	GOM_NL__2PRFIN20051023_005849_000000422041_00475_19066_7847.N1	23-OCT-2005 00:58:49	Dark	42.000	9	Alp Eri	0.45300	24000.	84	19066	No
12	GOM_NL__2PRFIN20051023_010342_000000412041_00475_19066_7848.N1	23-OCT-2005 01:03:42	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	19066	No
13	GOM_NL__2PRFIN20051023_011015_000000432041_00475_19066_7849.N1	23-OCT-2005 01:10:15	Straylight	42.500	52	16Bet Cet	2.0370	4500.0	85	19066	No
14	GOM_NL__2PRFIN20051023_011945_000000352041_00475_19066_7850.N1	23-OCT-2005 01:19:45	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	19066	No
15	GOM_NL__2PRFIN20051023_012339_000000362041_00475_19066_7851.N1	23-OCT-2005 01:23:39	Bright	35.500	58	21Alp And	2.0730	11000.	71	19066	No
16	GOM_NL__2PRFIN20051023_013125_000000362041_00475_19066_7852.N1	23-OCT-2005 01:31:25	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19066	No
17	GOM_NL__2PRFIN20051023_013242_000000352041_00475_19066_7853.N1	23-OCT-2005 01:32:42	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	19066	No
18	GOM_NL__2PRFIN20051023_014037_000000352041_00475_19066_7854.N1	23-OCT-2005 01:40:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19066	No
19	GOM_NL__2PRFIN20051023_014401_000000372041_00475_19066_7855.N1	23-OCT-2005 01:44:01	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19066	No
20	GOM_NL__2PRFIN20051023_014852_000000392041_00475_19066_7856.N1	23-OCT-2005 01:48:52	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	19066	No
21	GOM_NL__2PRFIN20051023_015107_000000522041_00475_19066_7857.N1	23-OCT-2005 01:51:07	Bright	52.000	87	64Gam UMa	2.4330	11000.	104	19066	No
22	GOM_NL__2PRFIN20051023_015357_000000382041_00475_19066_7858.N1	23-OCT-2005 01:53:57	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	19066	No
23	GOM_NL__2PRFIN20051023_020056_000000352041_00475_19066_7859.N1	23-OCT-2005 02:00:56	Bright	34.500	96	68Del Leo	2.5600	9300.0	69	19066	No
24	GOM_NL__2PRFIN20051023_022031_000000382041_00475_19066_7860.N1	23-OCT-2005 02:20:31	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	19066	No
25	GOM_NL__2PRFIN20051023_022504_000000412041_00476_19067_7844.N1	23-OCT-2005 02:25:04	Dark	40.500	46	Del Vel	1.9540	10600.	81	19067	No
26	GOM_NL__2PRFIN20051023_022658_000000372041_00476_19067_7845.N1	23-OCT-2005 02:26:58	Dark	37.000	29	Bet Car	1.6720	10200.	74	19067	No
27	GOM_NL__2PRFIN20051023_023801_000000372041_00476_19067_7846.N1	23-OCT-2005 02:38:01	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19067	No
28	GOM_NL__2PRFIN20051023_023926_000000392041_00476_19067_7847.N1	23-OCT-2005 02:39:26	Dark	38.500	9	Alp Eri	0.45300	24000.	77	19067	No
29	GOM_NL__2PRFIN20051023_024418_000000422041_00476_19067_7848.N1	23-OCT-2005 02:44:18	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	19067	No
30	GOM_NL__2PRFIN20051023_025051_000000432041_00476_19067_7849.N1	23-OCT-2005 02:50:51	Straylight	42.500	52	16Bet Cet	2.0370	4500.0	85	19067	No
31	GOM_NL__2PRFIN20051023_030022_000000352041_00476_19067_7850.N1	23-OCT-2005 03:00:22	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19067	No
32	GOM_NL__2PRFIN20051023_030415_000000362041_00476_19067_7851.N1	23-OCT-2005 03:04:15	Bright	36.000	58	21Alp And	2.0730	11000.	72	19067	No
33	GOM_NL__2PRFIN20051023_031200_000000342041_00476_19067_7852.N1	23-OCT-2005 03:12:00	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	19067	No
34	GOM_NL__2PRFIN20051023_031318_000000342041_00476_19067_7853.N1	23-OCT-2005 03:13:18	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	19067	No
35	GOM_NL__2PRFIN20051023_032113_000000342041_00476_19067_7854.N1	23-OCT-2005 03:21:13	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	19067	No
36	GOM_NL__2PRFIN20051023_032438_000000362041_00476_19067_7855.N1	23-OCT-2005 03:24:38	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19067	No
37	GOM_NL__2PRFIN20051023_032928_000000392041_00476_19067_7856.N1	23-OCT-2005 03:29:28	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	19067	No
38	GOM_NL__2PRFIN20051023_033143_000000362041_00476_19067_7857.N1	23-OCT-2005 03:31:43	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	19067	No
39	GOM_NL__2PRFIN20051023_033433_000000362041_00476_19067_7858.N1	23-OCT-2005 03:34:33	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	19067	No
40	GOM_NL__2PRFIN20051023_034132_000000352041_00476_19067_7859.N1	23-OCT-2005 03:41:32	Bright	35.000	96	68Del Leo	2.5600	9300.0	70	19067	No
41	GOM_NL__2PRFIN20051023_040108_000000422041_00476_19067_7860.N1	23-OCT-2005 04:01:08	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	19067	No
42	GOM_NL__2PRFIN20051023_040540_000000412041_00477_19068_7844.N1	23-OCT-2005 04:05:40	Dark	40.500	46	Del Vel	1.9540	10600.	81	19068	No

161	GOM_NL__2PRFIN20051023_163647_000000362041_00484_19075_7871.N1	23-OCT-2005 16:36:47	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19075	No
162	GOM_NL__2PRFIN20051023_163804_000000372041_00484_19075_7872.N1	23-OCT-2005 16:38:04	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	19075	No
163	GOM_NL__2PRFIN20051023_164601_000000362041_00484_19075_7873.N1	23-OCT-2005 16:46:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19075	No
164	GOM_NL__2PRFIN20051023_164927_000000382041_00484_19075_7874.N1	23-OCT-2005 16:49:27	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19075	No
165	GOM_NL__2PRFIN20051023_165415_000000342041_00484_19075_7875.N1	23-OCT-2005 16:54:15	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	19075	No
166	GOM_NL__2PRFIN20051023_165631_000000382041_00484_19075_7876.N1	23-OCT-2005 16:56:31	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	19075	No
167	GOM_NL__2PRFIN20051023_165921_000000312041_00484_19075_7877.N1	23-OCT-2005 16:59:21	Bright	31.000	174	52Psi UMa	3.0040	4400.0	62	19075	No
168	GOM_NL__2PRFIN20051023_170621_000000362041_00484_19075_7878.N1	23-OCT-2005 17:06:21	Bright	35.500	96	68Del Leo	2.5600	9300.0	71	19075	No
169	GOM_NL__2PRFIN20051023_172558_000000382041_00484_19075_7879.N1	23-OCT-2005 17:25:58	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	19075	No
170	GOM_NL__2PRFIN20051023_173020_000000402041_00485_19076_7864.N1	23-OCT-2005 17:30:20	Dark	39.500	71	Iot Car	2.2460	7700.0	79	19076	No
171	GOM_NL__2PRFIN20051023_174326_000000382041_00485_19076_7865.N1	23-OCT-2005 17:43:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19076	No
172	GOM_NL__2PRFIN20051023_174451_000000392041_00485_19076_7866.N1	23-OCT-2005 17:44:51	Dark	39.000	9	Alp Eri	0.45300	24000.	78	19076	No
173	GOM_NL__2PRFIN20051023_174943_000000482041_00485_19076_7867.N1	23-OCT-2005 17:49:43	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	19076	No
174	GOM_NL__2PRFIN20051023_175617_000000432041_00485_19076_7868.N1	23-OCT-2005 17:56:17	Straylight	43.000	52	16Bet Cet	2.0370	4500.0	86	19076	No
175	GOM_NL__2PRFIN20051023_180546_000000362041_00485_19076_7869.N1	23-OCT-2005 18:05:46	Bright	36.000	140	88Gam Peg	2.8340	26000.	72	19076	No
176	GOM_NL__2PRFIN20051023_180940_000000362041_00485_19076_7870.N1	23-OCT-2005 18:09:40	Bright	35.500	58	21Alp And	2.0730	11000.	71	19076	No
177	GOM_NL__2PRFIN20051023_181723_000000382041_00485_19076_7871.N1	23-OCT-2005 18:17:23	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19076	No
178	GOM_NL__2PRFIN20051023_181840_000000372041_00485_19076_7872.N1	23-OCT-2005 18:18:40	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	19076	No
179	GOM_NL__2PRFIN20051023_182637_000000362041_00485_19076_7873.N1	23-OCT-2005 18:26:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19076	No
180	GOM_NL__2PRFIN20051023_183003_000000362041_00485_19076_7874.N1	23-OCT-2005 18:30:03	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19076	No
181	GOM_NL__2PRFIN20051023_183451_000000392041_00485_19076_7875.N1	23-OCT-2005 18:34:51	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	19076	No
182	GOM_NL__2PRFIN20051023_183707_000000332041_00485_19076_7876.N1	23-OCT-2005 18:37:07	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	19076	No
183	GOM_NL__2PRFIN20051023_183957_000000102041_00485_19076_7877.N1	23-OCT-2005 18:39:57	Straylight	10.000	174	52Psi UMa	3.0040	4400.0	20	19076	No
184	GOM_NL__2PRFIN20051023_184657_000000362041_00485_19076_7878.N1	23-OCT-2005 18:46:57	Bright	35.500	96	68Del Leo	2.5600	9300.0	71	19076	No
185	GOM_NL__2PRFIN20051023_190634_000000402041_00485_19076_7879.N1	23-OCT-2005 19:06:34	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	19076	No
186	GOM_NL__2PRFIN20051023_191056_000000392041_00486_19077_7864.N1	23-OCT-2005 19:10:56	Dark	38.500	71	Iot Car	2.2460	7700.0	77	19077	No
187	GOM_NL__2PRFIN20051023_192403_000000372041_00486_19077_7865.N1	23-OCT-2005 19:24:03	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19077	No
188	GOM_NL__2PRFIN20051023_192528_000000462041_00486_19077_7866.N1	23-OCT-2005 19:25:28	Dark	45.500	9	Alp Eri	0.45300	24000.	91	19077	No
189	GOM_NL__2PRFIN20051023_193019_000000432041_00486_19077_7867.N1	23-OCT-2005 19:30:19	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	19077	No
190	GOM_NL__2PRFIN20051023_193653_000000432041_00486_19077_7868.N1	23-OCT-2005 19:36:53	Straylight	43.000	52	16Bet Cet	2.0370	4500.0	86	19077	No
191	GOM_NL__2PRFIN20051023_194622_000000352041_00486_19077_7869.N1	23-OCT-2005 19:46:22	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19077	No
192	GOM_NL__2PRFIN20051023_195016_000000352041_00486_19077_7870.N1	23-OCT-2005 19:50:16	Bright	35.000	58	21Alp And	2.0730	11000.	70	19077	No
193	GOM_NL__2PRFIN20051023_195759_000000392041_00486_19077_7871.N1	23-OCT-2005 19:57:59	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	19077	No
194	GOM_NL__2PRFIN20051023_195916_000000382041_00486_19077_7872.N1	23-OCT-2005 19:59:16	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	19077	No
195	GOM_NL__2PRFIN20051023_200713_000000352041_00486_19077_7873.N1	23-OCT-2005 20:07:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19077	No
196	GOM_NL__2PRFIN20051023_201039_000000372041_00486_19077_7874.N1	23-OCT-2005 20:10:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19077	No
197	GOM_NL__2PRFIN20051023_201527_000000392041_00486_19077_7875.N1	23-OCT-2005 20:15:27	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	19077	No
198	GOM_NL__2PRFIN20051023_201743_000000342041_00486_19077_7876.N1	23-OCT-2005 20:17:43	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	19077	No
199	GOM_NL__2PRFIN20051023_202033_000000102041_00486_19077_7877.N1	23-OCT-2005 20:20:33	Twilight_and_stray	10.000	174	52Psi UMa	3.0040	4400.0	20	19077	No
200	GOM_NL__2PRFIN20051023_202128_000000352041_00486_19077_7878.N1	23-OCT-2005 20:21:28	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	19077	No
201	GOM_NL__2PRFIN20051023_202734_000000382041_00486_19077_7879.N1	23-OCT-2005 20:27:34	Bright	38.000	96	68Del Leo	2.5600	9300.0	76	19077	No
202	GOM_NL__2PRFIN20051023_204710_000000382041_00486_19077_7880.N1	23-OCT-2005 20:47:10	Dark	37.500	113	Mu Vel	2.6920	5000.0	75	19077	No
203	GOM_NL__2PRFIN20051023_205132_000000402041_00487_19078_7864.N1	23-OCT-2005 20:51:32	Dark	39.500	71	Iot Car	2.2460	7700.0	79	19078	No

3. Quality information per product

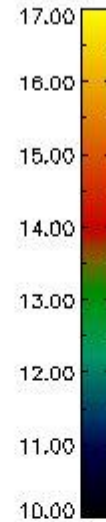
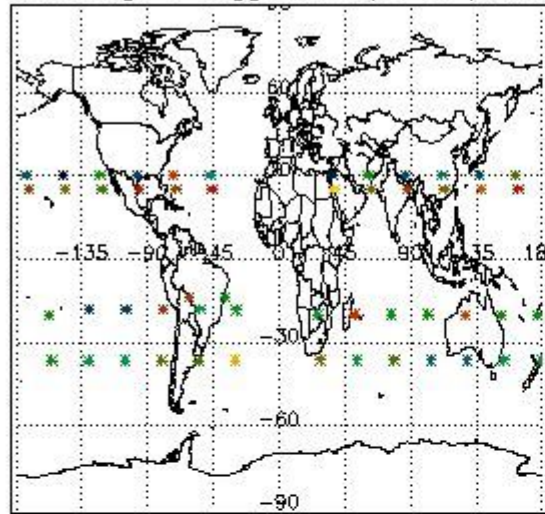
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

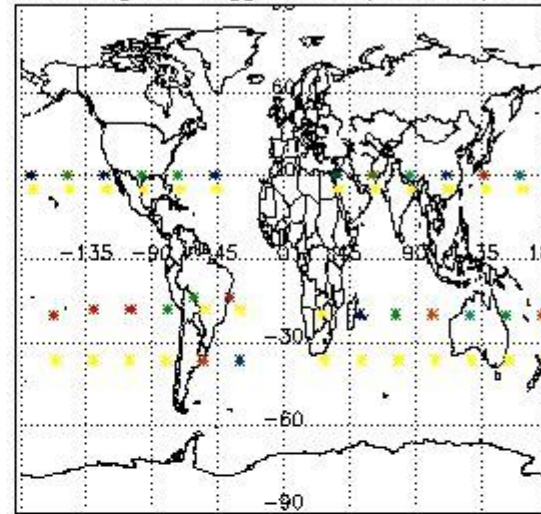


3.2 Plot quality information per product (world map)

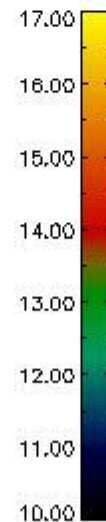
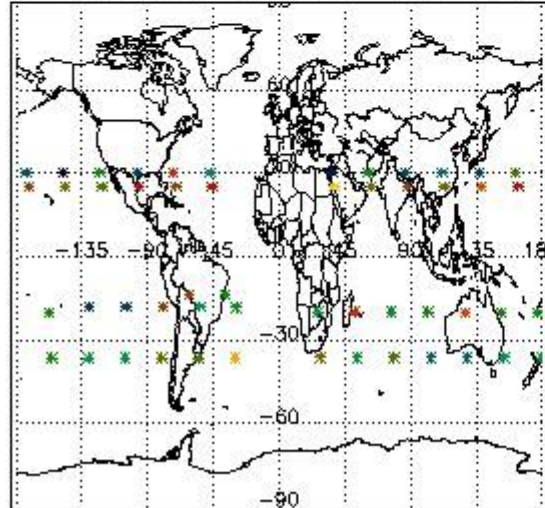
Percentage of flagged data per O3 profile



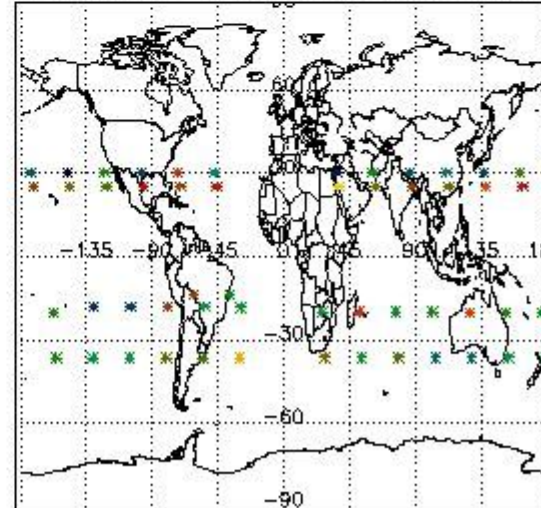
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

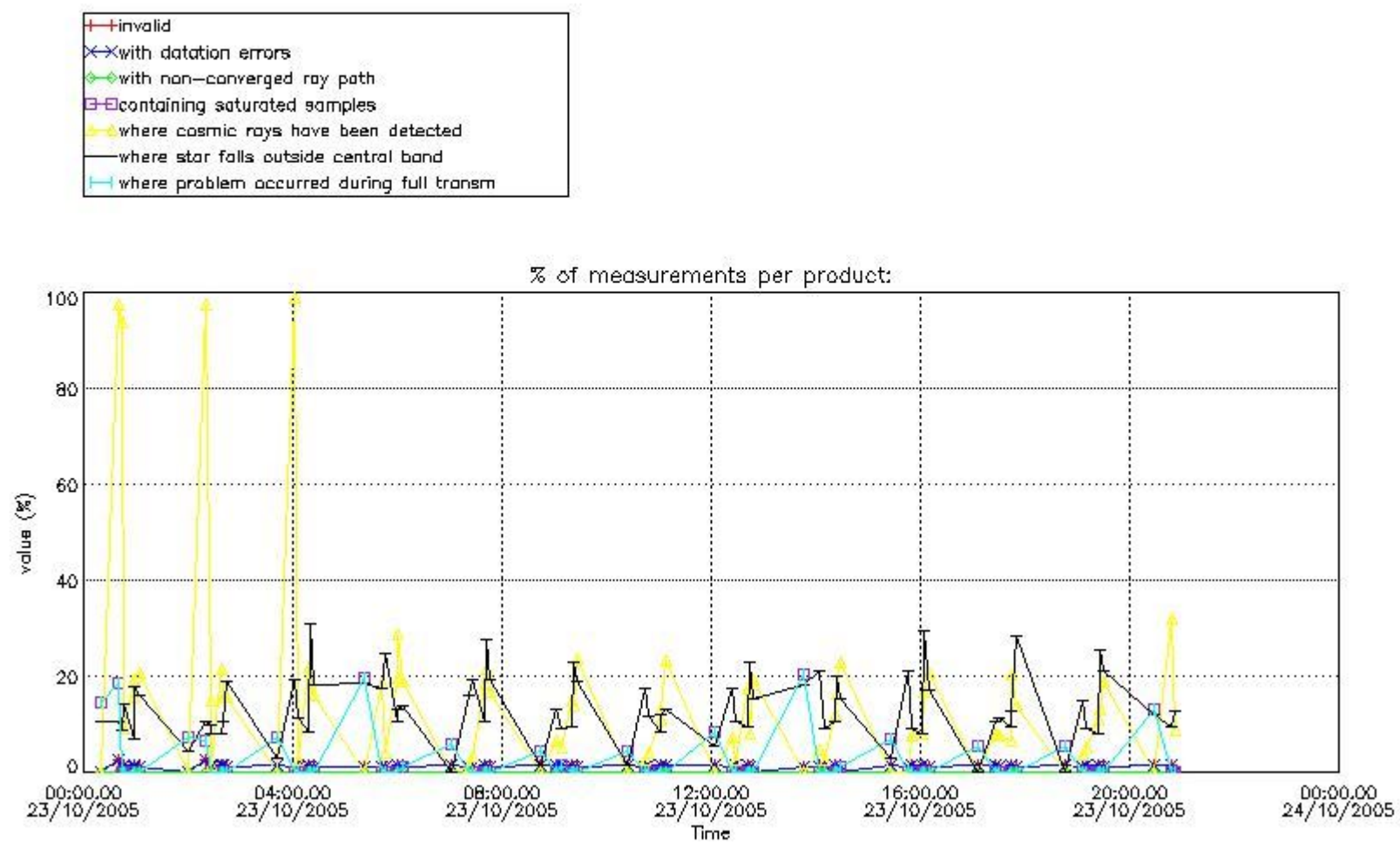


4. Level 1 quality information per product

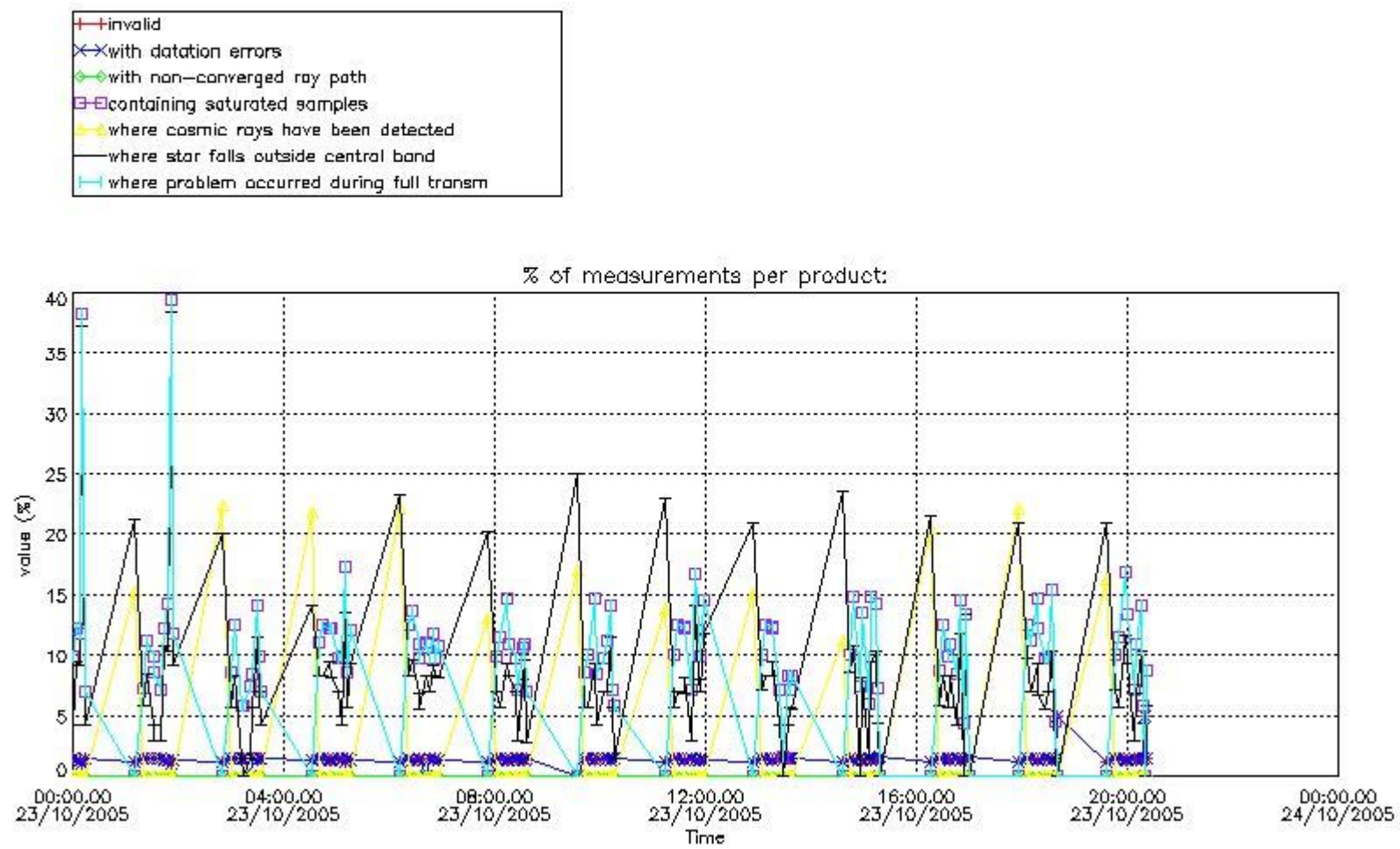
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



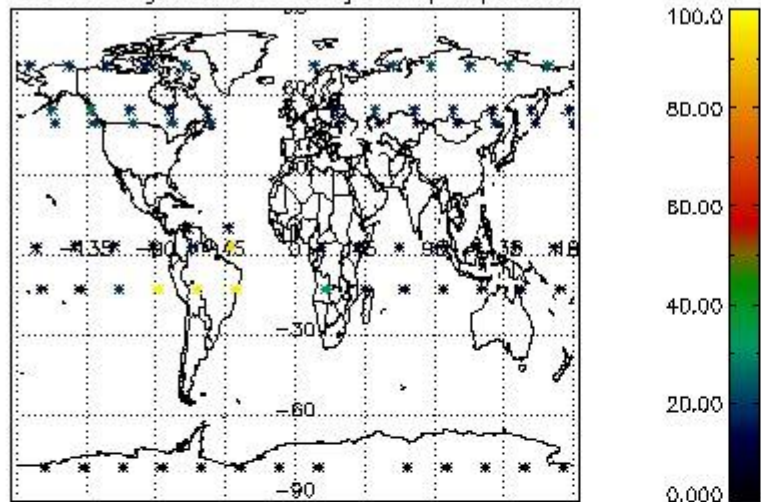
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



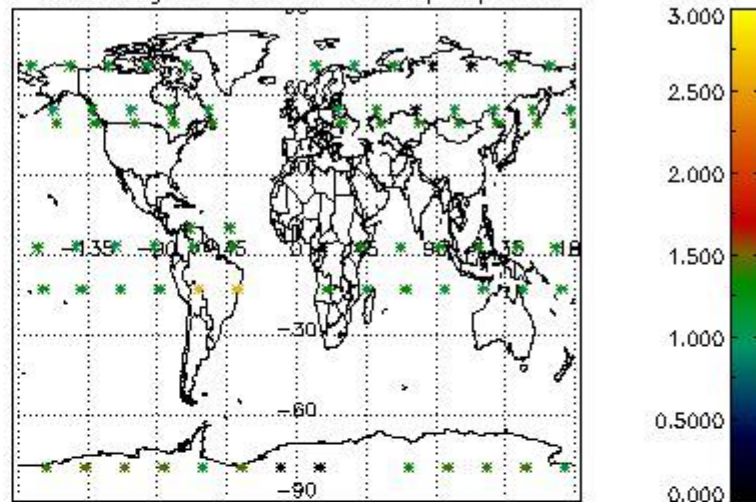
4.2 Plot quality information per product coming from level 1b processing (world map)

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

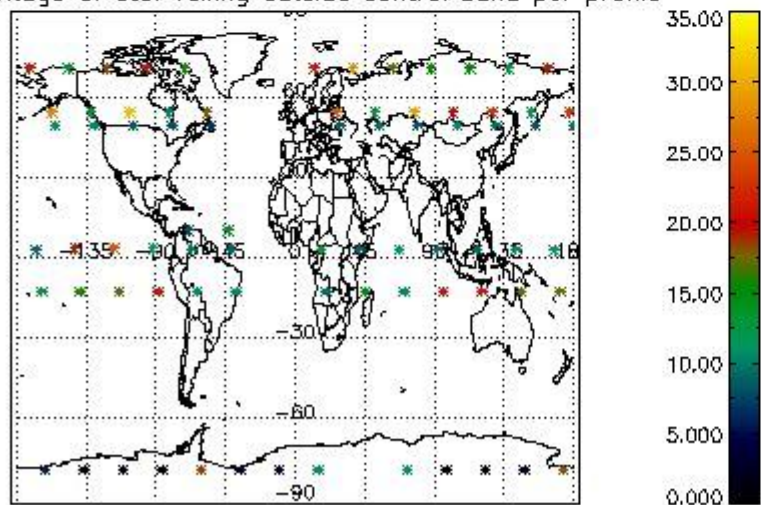
Percentage of cosmic ray hits per profile



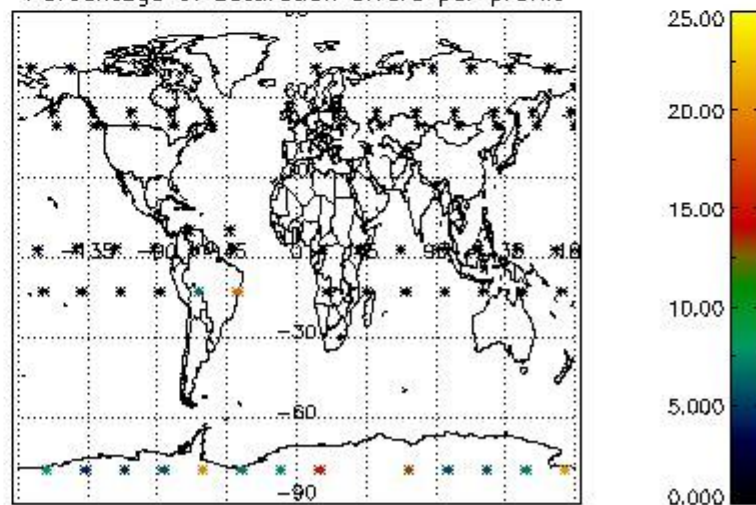
Percentage of datation errors per profile



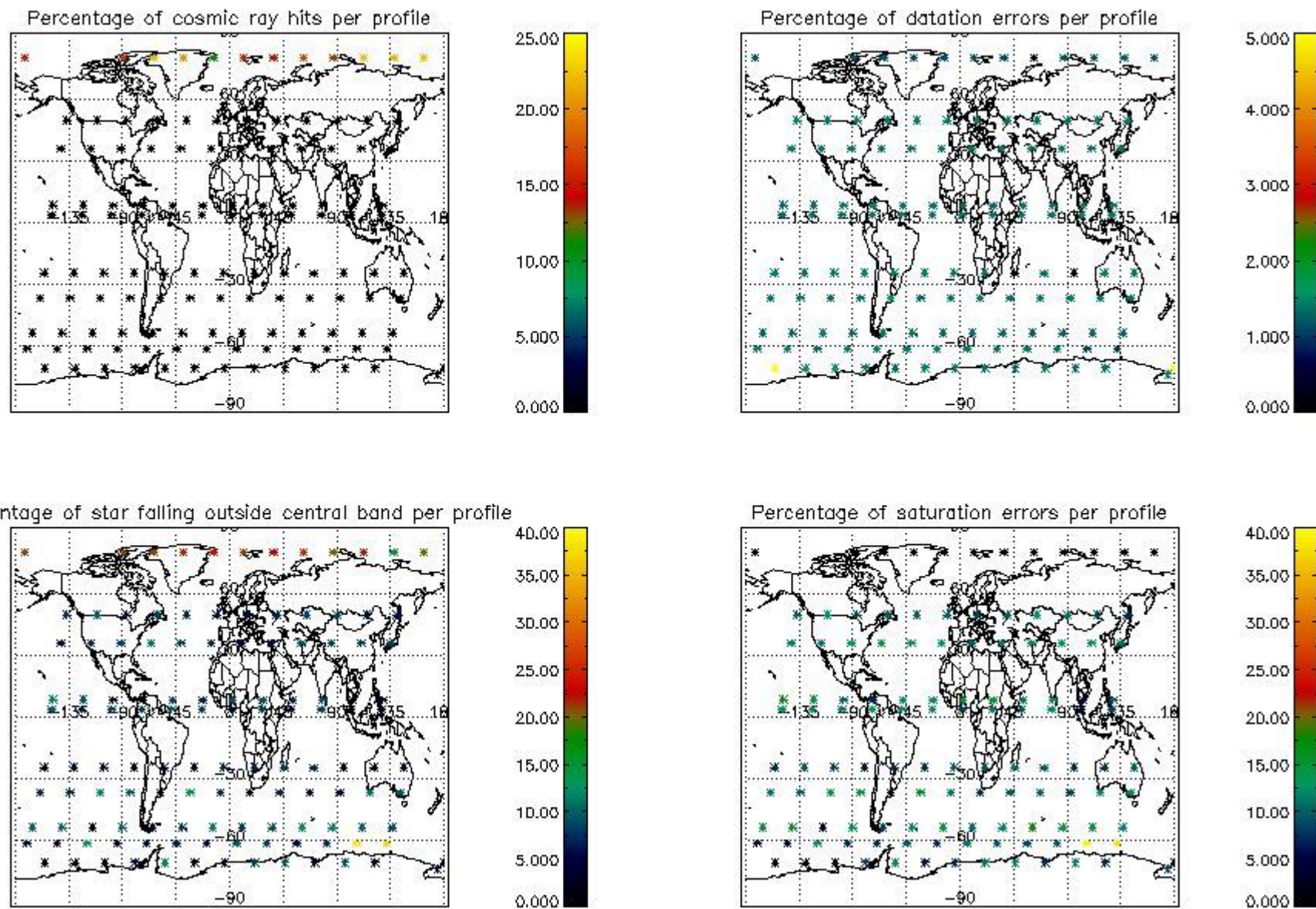
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

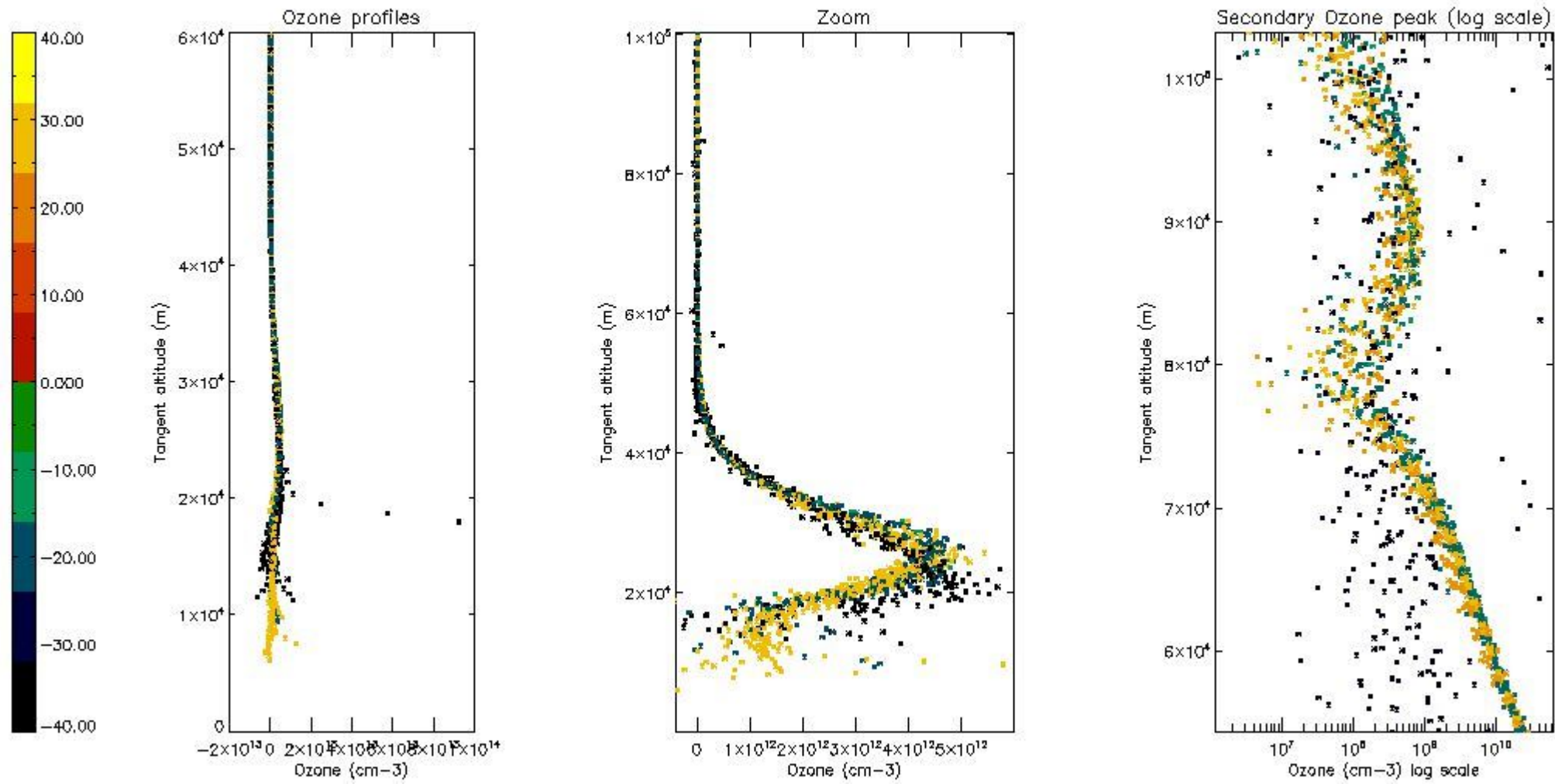
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	15

STD < 10	11
STD < 5	5

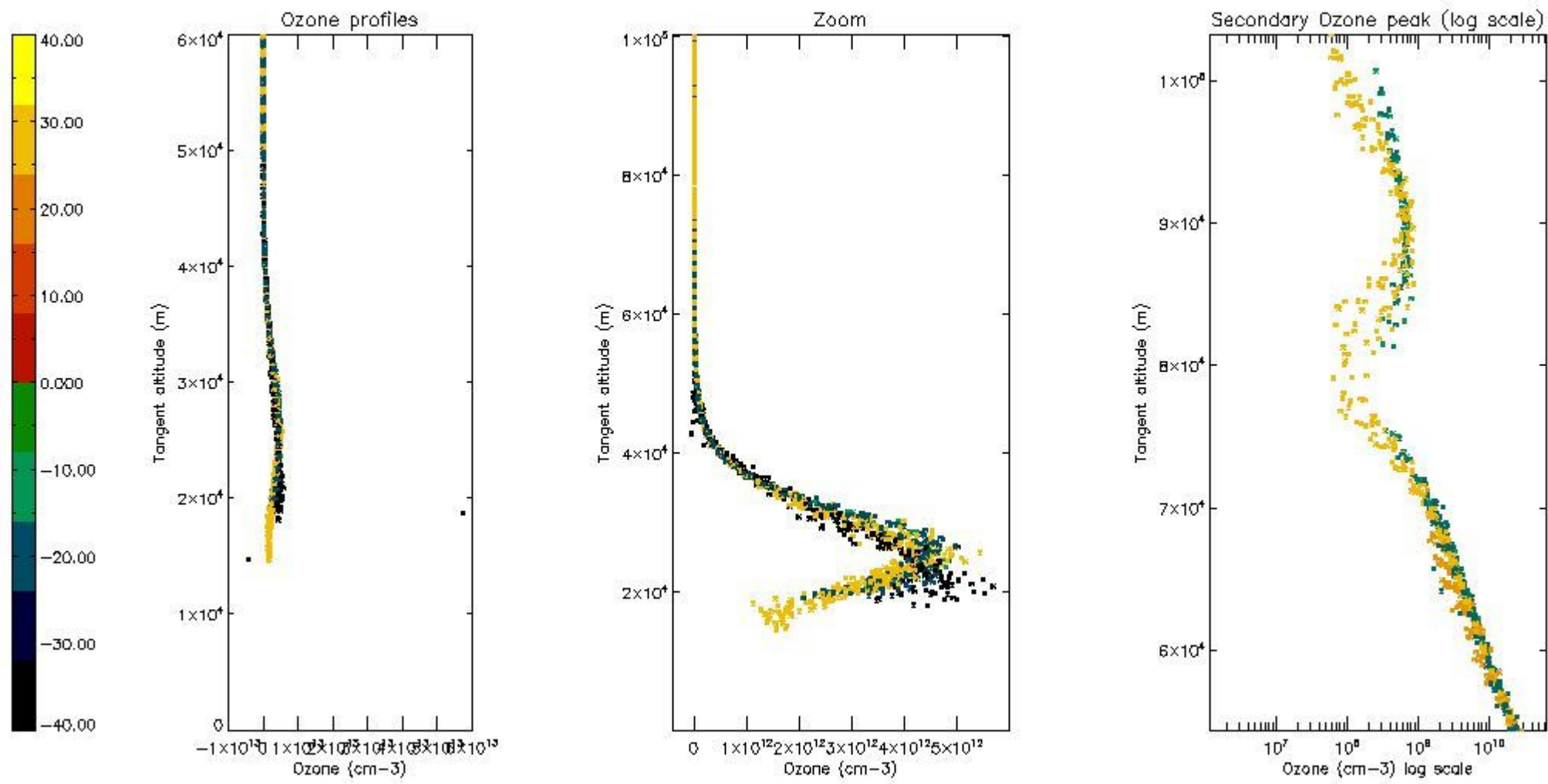
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



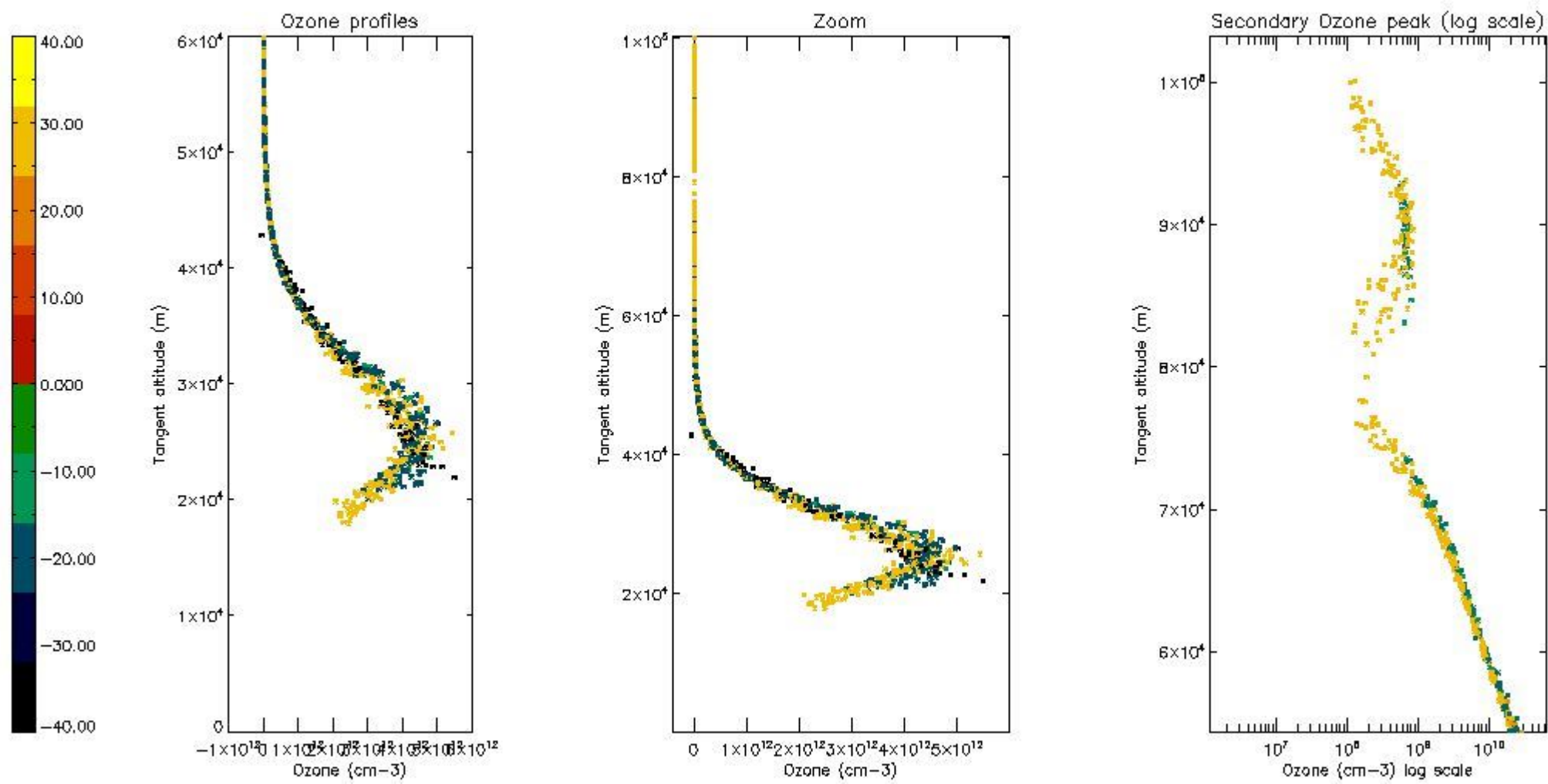
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



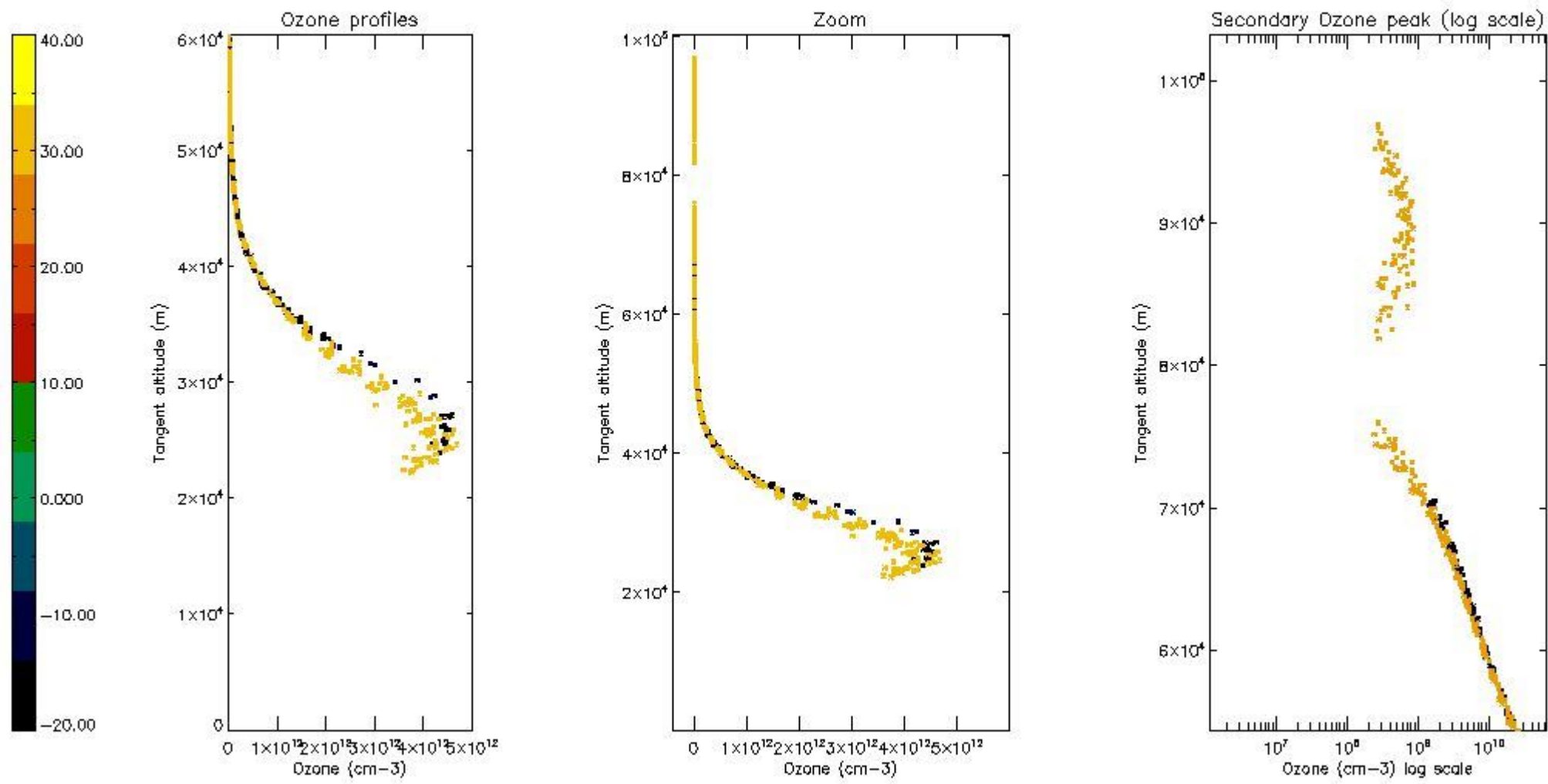
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



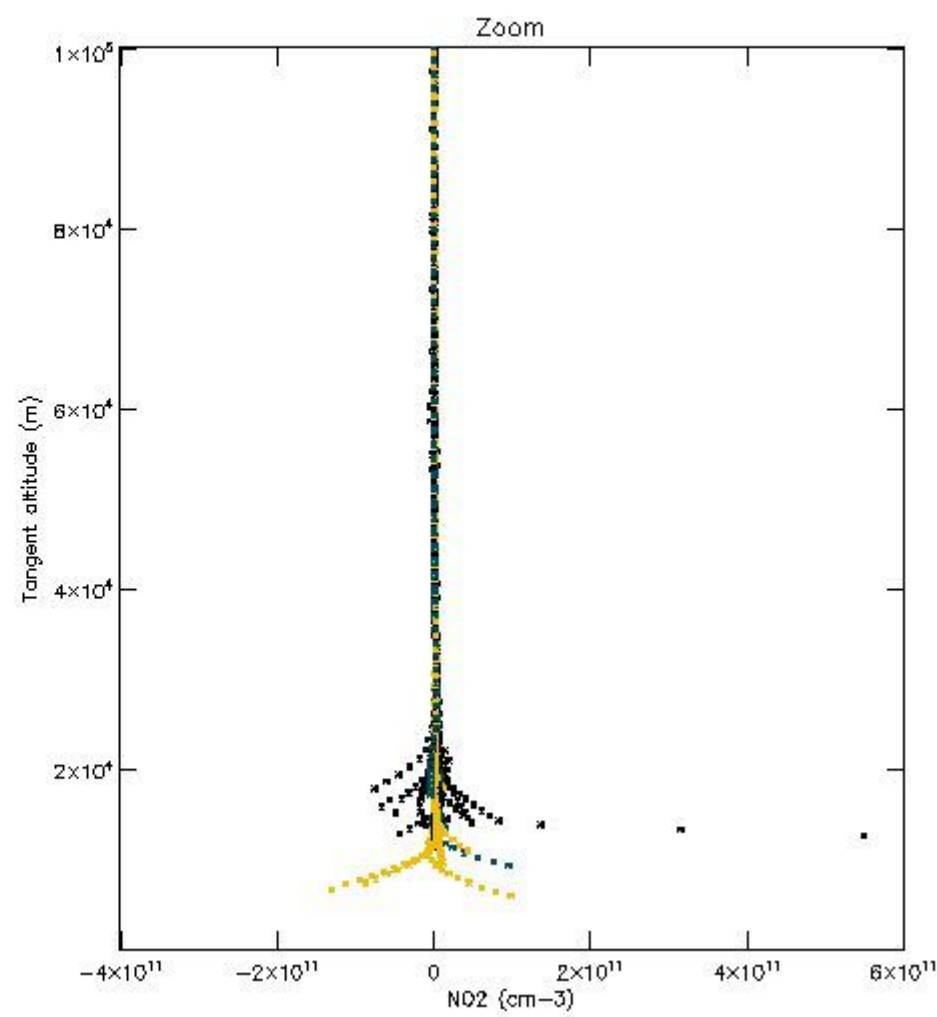
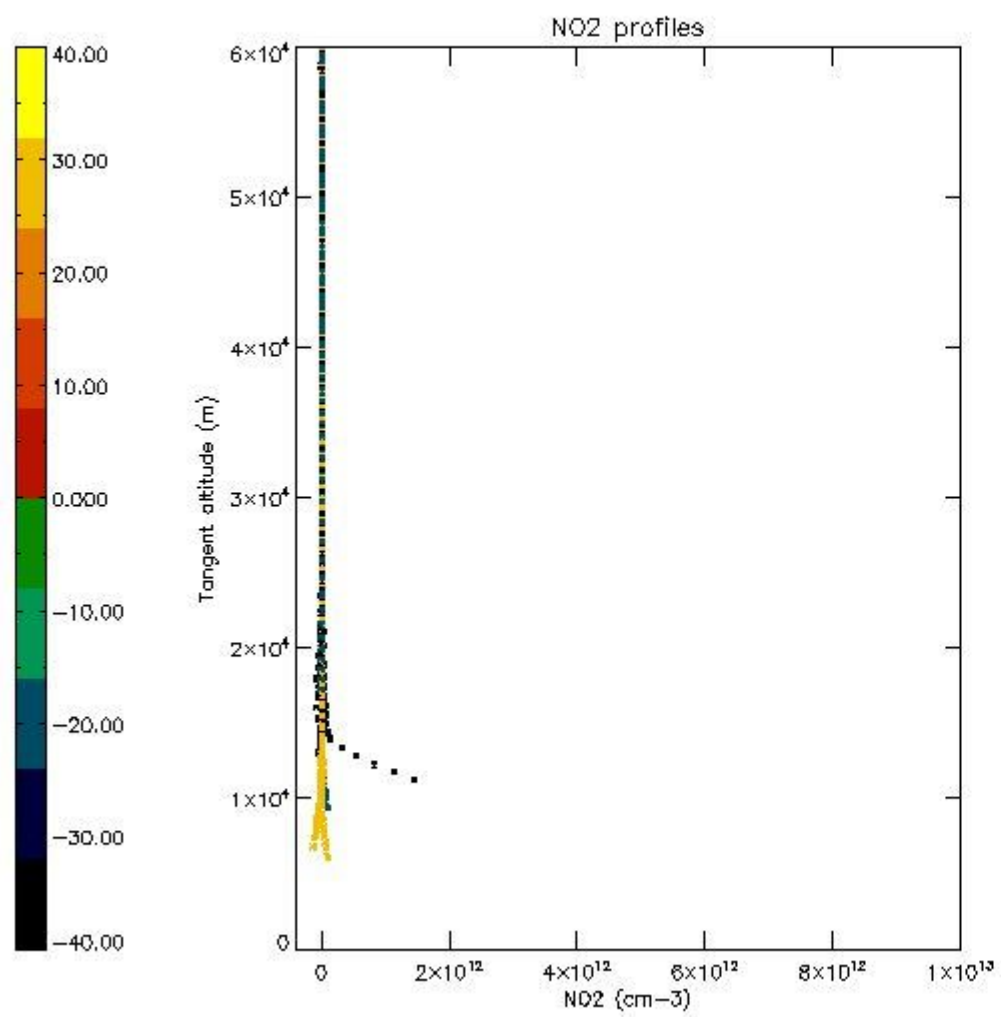
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



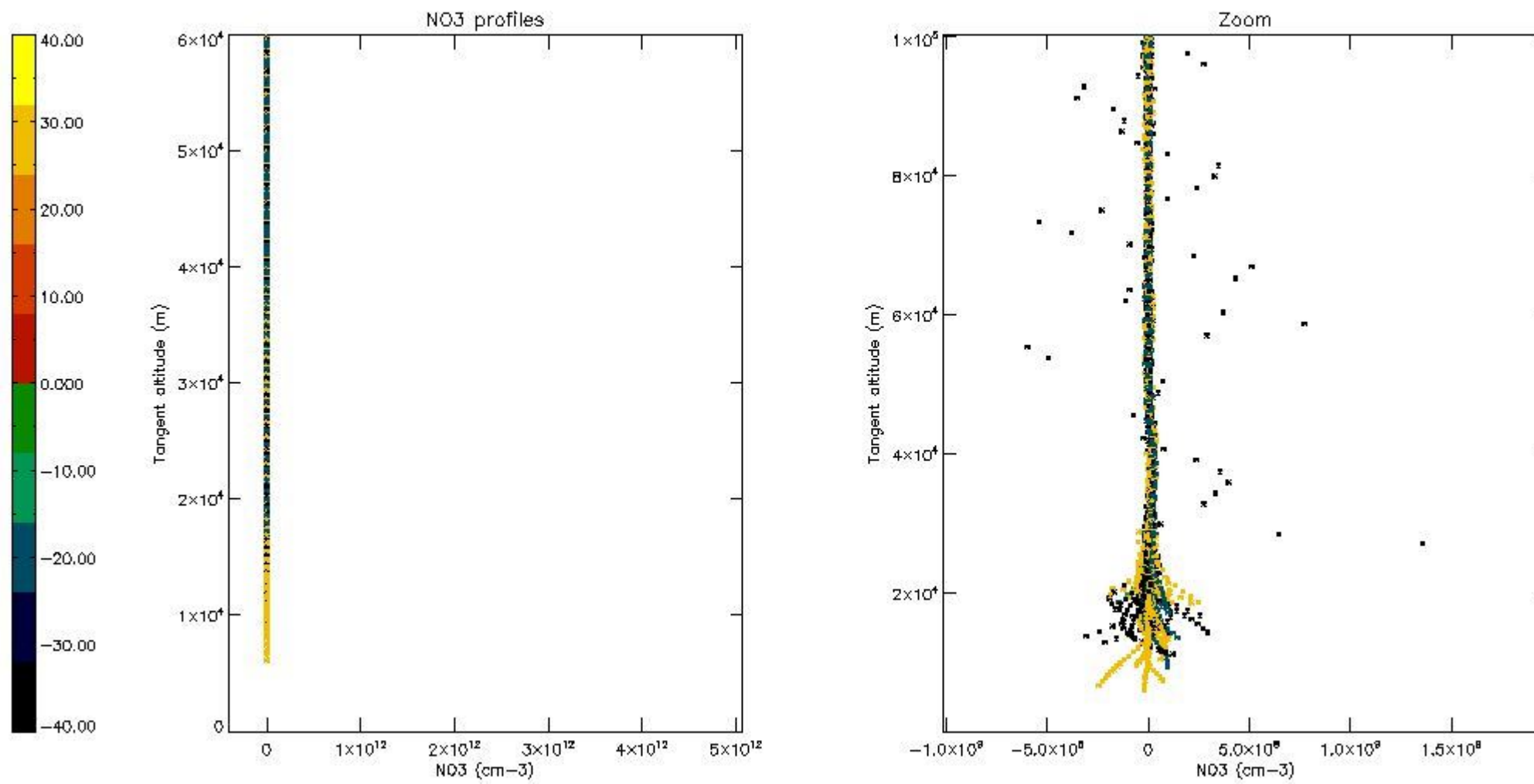
5.6 Plot NO₂ profiles for all STD (dark without errors)

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-OCT-2005 00:00:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-OCT-2005 00:00:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-OCT-2005 00:00:01

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[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](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	18APR2013 12:01:54
Data source version	GOMOS/6.01
Start time of products	23-10-2005 (23OCT2005 00:00:00)
Stop time of products	24-10-2005 (24OCT2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	203
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__2PRFIN20051023_000001_000000362041_00474_19065_7854.N1	23-OCT-2005 00:00:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19065	No
2	GOM_NL__2PRFIN20051023_000325_000000372041_00474_19065_7855.N1	23-OCT-2005 00:03:25	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19065	No
3	GOM_NL__2PRFIN20051023_000816_000000382041_00474_19065_7856.N1	23-OCT-2005 00:08:16	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	19065	No
4	GOM_NL__2PRFIN20051023_001031_000000512041_00474_19065_7857.N1	23-OCT-2005 00:10:31	Bright	51.000	87	64Gam UMa	2.4330	11000.	102	19065	No
5	GOM_NL__2PRFIN20051023_001321_000000362041_00474_19065_7858.N1	23-OCT-2005 00:13:21	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	19065	No
6	GOM_NL__2PRFIN20051023_002020_000000382041_00474_19065_7859.N1	23-OCT-2005 00:20:20	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	19065	No
7	GOM_NL__2PRFIN20051023_003955_000000382041_00474_19065_7860.N1	23-OCT-2005 00:39:55	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	19065	No
8	GOM_NL__2PRFIN20051023_004427_000000402041_00475_19066_7844.N1	23-OCT-2005 00:44:27	Dark	39.500	46	Del Vel	1.9540	10600.	79	19066	No
9	GOM_NL__2PRFIN20051023_004622_000000392041_00475_19066_7845.N1	23-OCT-2005 00:46:22	Dark	39.000	29	Bet Car	1.6720	10200.	78	19066	No
10	GOM_NL__2PRFIN20051023_005724_000000372041_00475_19066_7846.N1	23-OCT-2005 00:57:24	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19066	No
11	GOM_NL__2PRFIN20051023_005849_000000422041_00475_19066_7847.N1	23-OCT-2005 00:58:49	Dark	42.000	9	Alp Eri	0.45300	24000.	84	19066	No
12	GOM_NL__2PRFIN20051023_010342_000000412041_00475_19066_7848.N1	23-OCT-2005 01:03:42	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	19066	No
13	GOM_NL__2PRFIN20051023_011015_000000432041_00475_19066_7849.N1	23-OCT-2005 01:10:15	Straylight	42.500	52	16Bet Cet	2.0370	4500.0	85	19066	No
14	GOM_NL__2PRFIN20051023_011945_000000352041_00475_19066_7850.N1	23-OCT-2005 01:19:45	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	19066	No
15	GOM_NL__2PRFIN20051023_012339_000000362041_00475_19066_7851.N1	23-OCT-2005 01:23:39	Bright	35.500	58	21Alp And	2.0730	11000.	71	19066	No
16	GOM_NL__2PRFIN20051023_013125_000000362041_00475_19066_7852.N1	23-OCT-2005 01:31:25	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19066	No
17	GOM_NL__2PRFIN20051023_013242_000000352041_00475_19066_7853.N1	23-OCT-2005 01:32:42	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	19066	No
18	GOM_NL__2PRFIN20051023_014037_000000352041_00475_19066_7854.N1	23-OCT-2005 01:40:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19066	No
19	GOM_NL__2PRFIN20051023_014401_000000372041_00475_19066_7855.N1	23-OCT-2005 01:44:01	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19066	No
20	GOM_NL__2PRFIN20051023_014852_000000392041_00475_19066_7856.N1	23-OCT-2005 01:48:52	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	19066	No
21	GOM_NL__2PRFIN20051023_015107_000000522041_00475_19066_7857.N1	23-OCT-2005 01:51:07	Bright	52.000	87	64Gam UMa	2.4330	11000.	104	19066	No
22	GOM_NL__2PRFIN20051023_015357_000000382041_00475_19066_7858.N1	23-OCT-2005 01:53:57	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	19066	No
23	GOM_NL__2PRFIN20051023_020056_000000352041_00475_19066_7859.N1	23-OCT-2005 02:00:56	Bright	34.500	96	68Del Leo	2.5600	9300.0	69	19066	No
24	GOM_NL__2PRFIN20051023_022031_000000382041_00475_19066_7860.N1	23-OCT-2005 02:20:31	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	19066	No
25	GOM_NL__2PRFIN20051023_022504_000000412041_00476_19067_7844.N1	23-OCT-2005 02:25:04	Dark	40.500	46	Del Vel	1.9540	10600.	81	19067	No
26	GOM_NL__2PRFIN20051023_022658_000000372041_00476_19067_7845.N1	23-OCT-2005 02:26:58	Dark	37.000	29	Bet Car	1.6720	10200.	74	19067	No
27	GOM_NL__2PRFIN20051023_023801_000000372041_00476_19067_7846.N1	23-OCT-2005 02:38:01	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19067	No
28	GOM_NL__2PRFIN20051023_023926_000000392041_00476_19067_7847.N1	23-OCT-2005 02:39:26	Dark	38.500	9	Alp Eri	0.45300	24000.	77	19067	No
29	GOM_NL__2PRFIN20051023_024418_000000422041_00476_19067_7848.N1	23-OCT-2005 02:44:18	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	19067	No
30	GOM_NL__2PRFIN20051023_025051_000000432041_00476_19067_7849.N1	23-OCT-2005 02:50:51	Straylight	42.500	52	16Bet Cet	2.0370	4500.0	85	19067	No
31	GOM_NL__2PRFIN20051023_030022_000000352041_00476_19067_7850.N1	23-OCT-2005 03:00:22	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19067	No
32	GOM_NL__2PRFIN20051023_030415_000000362041_00476_19067_7851.N1	23-OCT-2005 03:04:15	Bright	36.000	58	21Alp And	2.0730	11000.	72	19067	No
33	GOM_NL__2PRFIN20051023_031200_000000342041_00476_19067_7852.N1	23-OCT-2005 03:12:00	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	19067	No
34	GOM_NL__2PRFIN20051023_031318_000000342041_00476_19067_7853.N1	23-OCT-2005 03:13:18	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	19067	No
35	GOM_NL__2PRFIN20051023_032113_000000342041_00476_19067_7854.N1	23-OCT-2005 03:21:13	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	19067	No
36	GOM_NL__2PRFIN20051023_032438_000000362041_00476_19067_7855.N1	23-OCT-2005 03:24:38	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19067	No
37	GOM_NL__2PRFIN20051023_032928_000000392041_00476_19067_7856.N1	23-OCT-2005 03:29:28	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	19067	No
38	GOM_NL__2PRFIN20051023_033143_000000362041_00476_19067_7857.N1	23-OCT-2005 03:31:43	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	19067	No
39	GOM_NL__2PRFIN20051023_033433_000000362041_00476_19067_7858.N1	23-OCT-2005 03:34:33	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	19067	No
40	GOM_NL__2PRFIN20051023_034132_000000352041_00476_19067_7859.N1	23-OCT-2005 03:41:32	Bright	35.000	96	68Del Leo	2.5600	9300.0	70	19067	No
41	GOM_NL__2PRFIN20051023_040108_000000422041_00476_19067_7860.N1	23-OCT-2005 04:01:08	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	19067	No
42	GOM_NL__2PRFIN20051023_040540_000000412041_00477_19068_7844.N1	23-OCT-2005 04:05:40	Dark	40.500	46	Del Vel	1.9540	10600.	81	19068	No

43	GOM_NL__2PRFIN20051023_041837_000000372041_00477_19068_7845.N1	23-OCT-2005 04:18:37	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19068	No
44	GOM_NL__2PRFIN20051023_042002_000000492041_00477_19068_7846.N1	23-OCT-2005 04:20:02	Dark	48.500	9	Alp Eri	0.45300	24000.	97	19068	No
45	GOM_NL__2PRFIN20051023_042454_000000412041_00477_19068_7847.N1	23-OCT-2005 04:24:54	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	19068	No
46	GOM_NL__2PRFIN20051023_043128_000000392041_00477_19068_7848.N1	23-OCT-2005 04:31:28	Straylight	39.000	52	16Bet Cet	2.0370	4500.0	78	19068	No
47	GOM_NL__2PRFIN20051023_044058_000000362041_00477_19068_7849.N1	23-OCT-2005 04:40:58	Bright	36.000	140	88Gam Peg	2.8340	26000.	72	19068	No
48	GOM_NL__2PRFIN20051023_044452_000000362041_00477_19068_7850.N1	23-OCT-2005 04:44:52	Bright	36.000	58	21Alp And	2.0730	11000.	72	19068	No
49	GOM_NL__2PRFIN20051023_045236_000000372041_00477_19068_7851.N1	23-OCT-2005 04:52:36	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19068	No
50	GOM_NL__2PRFIN20051023_045354_000000372041_00477_19068_7852.N1	23-OCT-2005 04:53:54	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	19068	No
51	GOM_NL__2PRFIN20051023_050149_000000362041_00477_19068_7853.N1	23-OCT-2005 05:01:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19068	No
52	GOM_NL__2PRFIN20051023_050514_000000362041_00477_19068_7854.N1	23-OCT-2005 05:05:14	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19068	No
53	GOM_NL__2PRFIN20051023_051004_000000412041_00477_19068_7855.N1	23-OCT-2005 05:10:04	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	19068	No
54	GOM_NL__2PRFIN20051023_051219_000000352041_00477_19068_7856.N1	23-OCT-2005 05:12:19	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	19068	No
55	GOM_NL__2PRFIN20051023_051509_000000382041_00477_19068_7857.N1	23-OCT-2005 05:15:09	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	19068	No
56	GOM_NL__2PRFIN20051023_052208_000000412041_00477_19068_7858.N1	23-OCT-2005 05:22:08	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	19068	No
57	GOM_NL__2PRFIN20051023_054144_000000412041_00477_19068_7859.N1	23-OCT-2005 05:41:44	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	19068	No
58	GOM_NL__2PRFIN20051023_054617_000000492041_00478_19069_7844.N1	23-OCT-2005 05:46:17	Dark	48.500	46	Del Vel	1.9540	10600.	97	19069	No
59	GOM_NL__2PRFIN20051023_055913_000000382041_00478_19069_7845.N1	23-OCT-2005 05:59:13	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	19069	No
60	GOM_NL__2PRFIN20051023_060038_000000392041_00478_19069_7846.N1	23-OCT-2005 06:00:38	Dark	38.500	9	Alp Eri	0.45300	24000.	77	19069	No
61	GOM_NL__2PRFIN20051023_060531_000000402041_00478_19069_7847.N1	23-OCT-2005 06:05:31	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	19069	No
62	GOM_NL__2PRFIN20051023_061204_000000432041_00478_19069_7848.N1	23-OCT-2005 06:12:04	Straylight	43.000	52	16Bet Cet	2.0370	4500.0	86	19069	No
63	GOM_NL__2PRFIN20051023_062134_000000362041_00478_19069_7849.N1	23-OCT-2005 06:21:34	Bright	36.000	140	88Gam Peg	2.8340	26000.	72	19069	No
64	GOM_NL__2PRFIN20051023_062528_000000372041_00478_19069_7850.N1	23-OCT-2005 06:25:28	Bright	36.500	58	21Alp And	2.0730	11000.	73	19069	No
65	GOM_NL__2PRFIN20051023_063312_000000372041_00478_19069_7851.N1	23-OCT-2005 06:33:12	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19069	No
66	GOM_NL__2PRFIN20051023_063430_000000362041_00478_19069_7852.N1	23-OCT-2005 06:34:30	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	19069	No
67	GOM_NL__2PRFIN20051023_064225_000000362041_00478_19069_7853.N1	23-OCT-2005 06:42:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19069	No
68	GOM_NL__2PRFIN20051023_064550_000000362041_00478_19069_7854.N1	23-OCT-2005 06:45:50	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19069	No
69	GOM_NL__2PRFIN20051023_065040_000000382041_00478_19069_7855.N1	23-OCT-2005 06:50:40	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	19069	No
70	GOM_NL__2PRFIN20051023_065255_000000362041_00478_19069_7856.N1	23-OCT-2005 06:52:55	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	19069	No
71	GOM_NL__2PRFIN20051023_065545_000000372041_00478_19069_7857.N1	23-OCT-2005 06:55:45	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	19069	No
72	GOM_NL__2PRFIN20051023_070245_000000352041_00478_19069_7858.N1	23-OCT-2005 07:02:45	Bright	35.000	96	68Del Leo	2.5600	9300.0	70	19069	No
73	GOM_NL__2PRFIN20051023_072220_000000412041_00478_19069_7859.N1	23-OCT-2005 07:22:20	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	19069	No
74	GOM_NL__2PRFIN20051023_072654_000000452041_00479_19070_7844.N1	23-OCT-2005 07:26:54	Dark	44.500	46	Del Vel	1.9540	10600.	89	19070	No
75	GOM_NL__2PRFIN20051023_073949_000000382041_00479_19070_7845.N1	23-OCT-2005 07:39:49	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19070	No
76	GOM_NL__2PRFIN20051023_074114_000000472041_00479_19070_7846.N1	23-OCT-2005 07:41:14	Dark	47.000	9	Alp Eri	0.45300	24000.	94	19070	No
77	GOM_NL__2PRFIN20051023_074607_000000422041_00479_19070_7847.N1	23-OCT-2005 07:46:07	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	19070	No
78	GOM_NL__2PRFIN20051023_075240_000000422041_00479_19070_7848.N1	23-OCT-2005 07:52:40	Straylight	42.000	52	16Bet Cet	2.0370	4500.0	84	19070	No
79	GOM_NL__2PRFIN20051023_080210_000000362041_00479_19070_7849.N1	23-OCT-2005 08:02:10	Bright	35.500	140	88Gam Peg	2.8340	26000.	71	19070	No
80	GOM_NL__2PRFIN20051023_080604_000000352041_00479_19070_7850.N1	23-OCT-2005 08:06:04	Bright	35.000	58	21Alp And	2.0730	11000.	70	19070	No
81	GOM_NL__2PRFIN20051023_081348_000000382041_00479_19070_7851.N1	23-OCT-2005 08:13:48	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19070	No
82	GOM_NL__2PRFIN20051023_081505_000000372041_00479_19070_7852.N1	23-OCT-2005 08:15:05	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	19070	No
83	GOM_NL__2PRFIN20051023_082301_000000362041_00479_19070_7853.N1	23-OCT-2005 08:23:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19070	No
84	GOM_NL__2PRFIN20051023_082626_000000352041_00479_19070_7854.N1	23-OCT-2005 08:26:26	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	19070	No
85	GOM_NL__2PRFIN20051023_083116_000000382041_00479_19070_7855.N1	23-OCT-2005 08:31:16	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	19070	No
86	GOM_NL__2PRFIN20051023_083331_000000372041_00479_19070_7856.N1	23-OCT-2005 08:33:31	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	19070	No
87	GOM_NL__2PRFIN20051023_083621_000000362041_00479_19070_7857.N1	23-OCT-2005 08:36:21	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	19070	No
88	GOM_NL__2PRFIN20051023_084321_000000352041_00479_19070_7858.N1	23-OCT-2005 08:43:21	Bright	34.500	96	68Del Leo	2.5600	9300.0	69	19070	No
89	GOM_NL__2PRFIN20051023_090257_000000392041_00479_19070_7859.N1	23-OCT-2005 09:02:57	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	19070	No
90	GOM_NL__2PRFIN20051023_090718_000000392041_00480_19071_7844.N1	23-OCT-2005 09:07:18	Dark	38.500	71	lot Car	2.2460	7700.0	77	19071	No
91	GOM_NL__2PRFIN20051023_092026_000000372041_00480_19071_7845.N1	23-OCT-2005 09:20:26	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19071	No
92	GOM_NL__2PRFIN20051023_092151_000000442041_00480_19071_7846.N1	23-OCT-2005 09:21:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	19071	No
93	GOM_NL__2PRFIN20051023_092643_000000422041_00480_19071_7847.N1	23-OCT-2005 09:26:43	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	19071	No
94	GOM_NL__2PRFIN20051023_093316_000000442041_00480_19071_7848.N1	23-OCT-2005 09:33:16	Straylight	44.000	52	16Bet Cet	2.0370	4500.0	88	19071	No
95	GOM_NL__2PRFIN20051023_094246_000000352041_00480_19071_7849.N1	23-OCT-2005 09:42:46	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19071	No
96	GOM_NL__2PRFIN20051023_094640_000000352041_00480_19071_7850.N1	23-OCT-2005 09:46:40	Bright	35.000	58	21Alp And	2.0730	11000.	70	19071	No
97	GOM_NL__2PRFIN20051023_095424_000000382041_00480_19071_7851.N1	23-OCT-2005 09:54:24	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19071	No
98	GOM_NL__2PRFIN20051023_095541_000000362041_00480_19071_7852.N1	23-OCT-2005 09:55:41	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	19071	No
99	GOM_NL__2PRFIN20051023_100337_000000362041_00480_19071_7853.N1	23-OCT-2005 10:03:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19071	No
100	GOM_NL__2PRFIN20051023_100702_000000362041_00480_19071_7854.N1	23-OCT-2005 10:07:02	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19071	No
101	GOM_NL__2PRFIN20051023_101151_000000392041_00480_19071_7855.N1	23-OCT-2005 10:11:51	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	19071	No

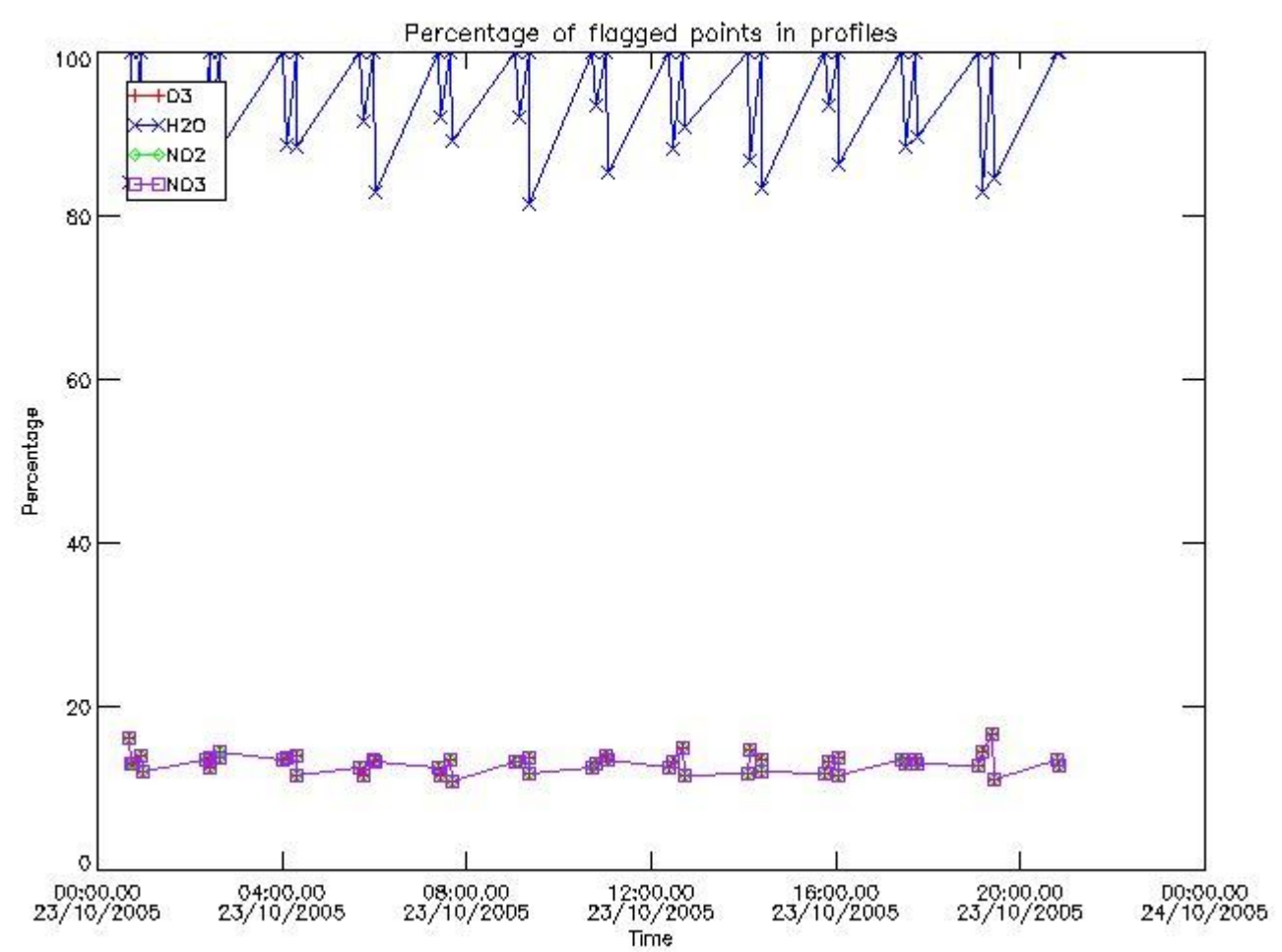
102	GOM_NL__2PRFIN20051023_101407_000000352041_00480_19071_7856.N1	23-OCT-2005 10:14:07	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	19071	No
103	GOM_NL__2PRFIN20051023_101657_000000352041_00480_19071_7857.N1	23-OCT-2005 10:16:57	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	19071	No
104	GOM_NL__2PRFIN20051023_102357_000000352041_00480_19071_7858.N1	23-OCT-2005 10:23:57	Bright	34.500	96	68Del Leo	2.5600	9300.0	69	19071	No
105	GOM_NL__2PRFIN20051023_104333_000000412041_00480_19071_7859.N1	23-OCT-2005 10:43:33	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	19071	No
106	GOM_NL__2PRFIN20051023_104754_000000392041_00481_19072_7864.N1	23-OCT-2005 10:47:54	Dark	39.000	71	Iot Car	2.2460	7700.0	78	19072	No
107	GOM_NL__2PRFIN20051023_110102_000000372041_00481_19072_7865.N1	23-OCT-2005 11:01:02	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19072	No
108	GOM_NL__2PRFIN20051023_110227_000000382041_00481_19072_7866.N1	23-OCT-2005 11:02:27	Dark	38.000	9	Alp Eri	0.45300	24000.	76	19072	No
109	GOM_NL__2PRFIN20051023_110719_000000392041_00481_19072_7867.N1	23-OCT-2005 11:07:19	Straylight	38.500	84	Alp Phe	2.3970	4500.0	77	19072	No
110	GOM_NL__2PRFIN20051023_111352_000000442041_00481_19072_7868.N1	23-OCT-2005 11:13:52	Straylight	43.500	52	16Bet Cet	2.0370	4500.0	87	19072	No
111	GOM_NL__2PRFIN20051023_112322_000000352041_00481_19072_7869.N1	23-OCT-2005 11:23:22	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19072	No
112	GOM_NL__2PRFIN20051023_112715_000000362041_00481_19072_7870.N1	23-OCT-2005 11:27:15	Bright	36.000	58	21Alp And	2.0730	11000.	72	19072	No
113	GOM_NL__2PRFIN20051023_113500_000000372041_00481_19072_7871.N1	23-OCT-2005 11:35:00	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19072	No
114	GOM_NL__2PRFIN20051023_113617_000000372041_00481_19072_7872.N1	23-OCT-2005 11:36:17	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	19072	No
115	GOM_NL__2PRFIN20051023_114413_000000352041_00481_19072_7873.N1	23-OCT-2005 11:44:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19072	No
116	GOM_NL__2PRFIN20051023_114738_000000392041_00481_19072_7874.N1	23-OCT-2005 11:47:38	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	19072	No
117	GOM_NL__2PRFIN20051023_115227_000000382041_00481_19072_7875.N1	23-OCT-2005 11:52:27	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	19072	No
118	GOM_NL__2PRFIN20051023_115443_000000362041_00481_19072_7876.N1	23-OCT-2005 11:54:43	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	19072	No
119	GOM_NL__2PRFIN20051023_115733_000000382041_00481_19072_7877.N1	23-OCT-2005 11:57:33	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	19072	No
120	GOM_NL__2PRFIN20051023_120433_000000362041_00481_19072_7878.N1	23-OCT-2005 12:04:33	Bright	36.000	96	68Del Leo	2.5600	9300.0	72	19072	No
121	GOM_NL__2PRFIN20051023_122409_000000412041_00481_19072_7879.N1	23-OCT-2005 12:24:09	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	19072	No
122	GOM_NL__2PRFIN20051023_122830_000000392041_00482_19073_7864.N1	23-OCT-2005 12:28:30	Dark	38.500	71	Iot Car	2.2460	7700.0	77	19073	No
123	GOM_NL__2PRFIN20051023_124138_000000382041_00482_19073_7865.N1	23-OCT-2005 12:41:38	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19073	No
124	GOM_NL__2PRFIN20051023_124303_000000442041_00482_19073_7866.N1	23-OCT-2005 12:43:03	Dark	44.000	9	Alp Eri	0.45300	24000.	88	19073	No
125	GOM_NL__2PRFIN20051023_124755_000000392041_00482_19073_7867.N1	23-OCT-2005 12:47:55	Straylight	39.000	84	Alp Phe	2.3970	4500.0	78	19073	No
126	GOM_NL__2PRFIN20051023_125428_000000432041_00482_19073_7868.N1	23-OCT-2005 12:54:28	Straylight	43.000	52	16Bet Cet	2.0370	4500.0	86	19073	No
127	GOM_NL__2PRFIN20051023_130358_000000352041_00482_19073_7869.N1	23-OCT-2005 13:03:58	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19073	No
128	GOM_NL__2PRFIN20051023_130751_000000362041_00482_19073_7870.N1	23-OCT-2005 13:07:51	Bright	36.000	58	21Alp And	2.0730	11000.	72	19073	No
129	GOM_NL__2PRFIN20051023_131536_000000372041_00482_19073_7871.N1	23-OCT-2005 13:15:36	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19073	No
130	GOM_NL__2PRFIN20051023_131653_000000372041_00482_19073_7872.N1	23-OCT-2005 13:16:53	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	19073	No
131	GOM_NL__2PRFIN20051023_132449_000000352041_00482_19073_7873.N1	23-OCT-2005 13:24:49	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19073	No
132	GOM_NL__2PRFIN20051023_132815_000000322041_00482_19073_7874.N1	23-OCT-2005 13:28:15	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	19073	No
133	GOM_NL__2PRFIN20051023_133303_000000362041_00482_19073_7875.N1	23-OCT-2005 13:33:03	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	19073	No
134	GOM_NL__2PRFIN20051023_133519_000000352041_00482_19073_7876.N1	23-OCT-2005 13:35:19	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	19073	No
135	GOM_NL__2PRFIN20051023_133809_000000362041_00482_19073_7877.N1	23-OCT-2005 13:38:09	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	19073	No
136	GOM_NL__2PRFIN20051023_134509_000000422041_00482_19073_7878.N1	23-OCT-2005 13:45:09	Bright	41.500	96	68Del Leo	2.5600	9300.0	83	19073	No
137	GOM_NL__2PRFIN20051023_140445_000000432041_00482_19073_7879.N1	23-OCT-2005 14:04:45	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	19073	No
138	GOM_NL__2PRFIN20051023_140907_000000382041_00483_19074_7864.N1	23-OCT-2005 14:09:07	Dark	38.000	71	Iot Car	2.2460	7700.0	76	19074	No
139	GOM_NL__2PRFIN20051023_142214_000000382041_00483_19074_7865.N1	23-OCT-2005 14:22:14	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19074	No
140	GOM_NL__2PRFIN20051023_142339_000000432041_00483_19074_7866.N1	23-OCT-2005 14:23:39	Dark	42.500	9	Alp Eri	0.45300	24000.	85	19074	No
141	GOM_NL__2PRFIN20051023_142831_000000402041_00483_19074_7867.N1	23-OCT-2005 14:28:31	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	19074	No
142	GOM_NL__2PRFIN20051023_143504_000000452041_00483_19074_7868.N1	23-OCT-2005 14:35:04	Straylight	44.500	52	16Bet Cet	2.0370	4500.0	89	19074	No
143	GOM_NL__2PRFIN20051023_144434_000000352041_00483_19074_7869.N1	23-OCT-2005 14:44:34	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19074	No
144	GOM_NL__2PRFIN20051023_144827_000000372041_00483_19074_7870.N1	23-OCT-2005 14:48:27	Bright	37.000	58	21Alp And	2.0730	11000.	74	19074	No
145	GOM_NL__2PRFIN20051023_145611_000000342041_00483_19074_7871.N1	23-OCT-2005 14:56:11	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	19074	No
146	GOM_NL__2PRFIN20051023_145729_000000372041_00483_19074_7872.N1	23-OCT-2005 14:57:29	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	19074	No
147	GOM_NL__2PRFIN20051023_150525_000000342041_00483_19074_7873.N1	23-OCT-2005 15:05:25	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	19074	No
148	GOM_NL__2PRFIN20051023_150851_000000372041_00483_19074_7874.N1	23-OCT-2005 15:08:51	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19074	No
149	GOM_NL__2PRFIN20051023_151339_000000392041_00483_19074_7875.N1	23-OCT-2005 15:13:39	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	19074	No
150	GOM_NL__2PRFIN20051023_151555_000000352041_00483_19074_7876.N1	23-OCT-2005 15:15:55	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	19074	No
151	GOM_NL__2PRFIN20051023_151845_000000312041_00483_19074_7877.N1	23-OCT-2005 15:18:45	Bright	31.000	174	52Psi UMa	3.0040	4400.0	62	19074	No
152	GOM_NL__2PRFIN20051023_152545_000000362041_00483_19074_7878.N1	23-OCT-2005 15:25:45	Bright	35.500	96	68Del Leo	2.5600	9300.0	71	19074	No
153	GOM_NL__2PRFIN20051023_154521_000000432041_00483_19074_7879.N1	23-OCT-2005 15:45:21	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	19074	No
154	GOM_NL__2PRFIN20051023_154943_000000392041_00484_19075_7864.N1	23-OCT-2005 15:49:43	Dark	38.500	71	Iot Car	2.2460	7700.0	77	19075	No
155	GOM_NL__2PRFIN20051023_160250_000000372041_00484_19075_7865.N1	23-OCT-2005 16:02:50	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19075	No
156	GOM_NL__2PRFIN20051023_160415_000000482041_00484_19075_7866.N1	23-OCT-2005 16:04:15	Dark	47.500	9	Alp Eri	0.45300	24000.	95	19075	No
157	GOM_NL__2PRFIN20051023_160907_000000412041_00484_19075_7867.N1	23-OCT-2005 16:09:07	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	19075	No
158	GOM_NL__2PRFIN20051023_161540_000000442041_00484_19075_7868.N1	23-OCT-2005 16:15:40	Straylight	44.000	52	16Bet Cet	2.0370	4500.0	88	19075	No
159	GOM_NL__2PRFIN20051023_162510_000000352041_00484_19075_7869.N1	23-OCT-2005 16:25:10	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	19075	No
160	GOM_NL__2PRFIN20051023_162903_000000362041_00484_19075_7870.N1	23-OCT-2005 16:29:03	Bright	36.000	58	21Alp And	2.0730	11000.	72	19075	No

161	GOM_NL__2PRFIN20051023_163647_000000362041_00484_19075_7871.N1	23-OCT-2005 16:36:47	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19075	No
162	GOM_NL__2PRFIN20051023_163804_000000372041_00484_19075_7872.N1	23-OCT-2005 16:38:04	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	19075	No
163	GOM_NL__2PRFIN20051023_164601_000000362041_00484_19075_7873.N1	23-OCT-2005 16:46:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19075	No
164	GOM_NL__2PRFIN20051023_164927_000000382041_00484_19075_7874.N1	23-OCT-2005 16:49:27	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19075	No
165	GOM_NL__2PRFIN20051023_165415_000000342041_00484_19075_7875.N1	23-OCT-2005 16:54:15	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	19075	No
166	GOM_NL__2PRFIN20051023_165631_000000382041_00484_19075_7876.N1	23-OCT-2005 16:56:31	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	19075	No
167	GOM_NL__2PRFIN20051023_165921_000000312041_00484_19075_7877.N1	23-OCT-2005 16:59:21	Bright	31.000	174	52Psi UMa	3.0040	4400.0	62	19075	No
168	GOM_NL__2PRFIN20051023_170621_000000362041_00484_19075_7878.N1	23-OCT-2005 17:06:21	Bright	35.500	96	68Del Leo	2.5600	9300.0	71	19075	No
169	GOM_NL__2PRFIN20051023_172558_000000382041_00484_19075_7879.N1	23-OCT-2005 17:25:58	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	19075	No
170	GOM_NL__2PRFIN20051023_173020_000000402041_00485_19076_7864.N1	23-OCT-2005 17:30:20	Dark	39.500	71	lot Car	2.2460	7700.0	79	19076	No
171	GOM_NL__2PRFIN20051023_174326_000000382041_00485_19076_7865.N1	23-OCT-2005 17:43:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19076	No
172	GOM_NL__2PRFIN20051023_174451_000000392041_00485_19076_7866.N1	23-OCT-2005 17:44:51	Dark	39.000	9	Alp Eri	0.45300	24000.	78	19076	No
173	GOM_NL__2PRFIN20051023_174943_000000482041_00485_19076_7867.N1	23-OCT-2005 17:49:43	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	19076	No
174	GOM_NL__2PRFIN20051023_175617_000000432041_00485_19076_7868.N1	23-OCT-2005 17:56:17	Straylight	43.000	52	16Bet Cet	2.0370	4500.0	86	19076	No
175	GOM_NL__2PRFIN20051023_180546_000000362041_00485_19076_7869.N1	23-OCT-2005 18:05:46	Bright	36.000	140	88Gam Peg	2.8340	26000.	72	19076	No
176	GOM_NL__2PRFIN20051023_180940_000000362041_00485_19076_7870.N1	23-OCT-2005 18:09:40	Bright	35.500	58	21Alp And	2.0730	11000.	71	19076	No
177	GOM_NL__2PRFIN20051023_181723_000000382041_00485_19076_7871.N1	23-OCT-2005 18:17:23	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19076	No
178	GOM_NL__2PRFIN20051023_181840_000000372041_00485_19076_7872.N1	23-OCT-2005 18:18:40	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	19076	No
179	GOM_NL__2PRFIN20051023_182637_000000362041_00485_19076_7873.N1	23-OCT-2005 18:26:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19076	No
180	GOM_NL__2PRFIN20051023_183003_000000362041_00485_19076_7874.N1	23-OCT-2005 18:30:03	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19076	No
181	GOM_NL__2PRFIN20051023_183451_000000392041_00485_19076_7875.N1	23-OCT-2005 18:34:51	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	19076	No
182	GOM_NL__2PRFIN20051023_183707_000000332041_00485_19076_7876.N1	23-OCT-2005 18:37:07	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	19076	No
183	GOM_NL__2PRFIN20051023_183957_000000102041_00485_19076_7877.N1	23-OCT-2005 18:39:57	Straylight	10.000	174	52Psi UMa	3.0040	4400.0	20	19076	No
184	GOM_NL__2PRFIN20051023_184657_000000362041_00485_19076_7878.N1	23-OCT-2005 18:46:57	Bright	35.500	96	68Del Leo	2.5600	9300.0	71	19076	No
185	GOM_NL__2PRFIN20051023_190634_000000402041_00485_19076_7879.N1	23-OCT-2005 19:06:34	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	19076	No
186	GOM_NL__2PRFIN20051023_191056_000000392041_00486_19077_7864.N1	23-OCT-2005 19:10:56	Dark	38.500	71	lot Car	2.2460	7700.0	77	19077	No
187	GOM_NL__2PRFIN20051023_192403_000000372041_00486_19077_7865.N1	23-OCT-2005 19:24:03	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19077	No
188	GOM_NL__2PRFIN20051023_192528_000000462041_00486_19077_7866.N1	23-OCT-2005 19:25:28	Dark	45.500	9	Alp Eri	0.45300	24000.	91	19077	No
189	GOM_NL__2PRFIN20051023_193019_000000432041_00486_19077_7867.N1	23-OCT-2005 19:30:19	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	19077	No
190	GOM_NL__2PRFIN20051023_193653_000000432041_00486_19077_7868.N1	23-OCT-2005 19:36:53	Straylight	43.000	52	16Bet Cet	2.0370	4500.0	86	19077	No
191	GOM_NL__2PRFIN20051023_194622_000000352041_00486_19077_7869.N1	23-OCT-2005 19:46:22	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	19077	No
192	GOM_NL__2PRFIN20051023_195016_000000352041_00486_19077_7870.N1	23-OCT-2005 19:50:16	Bright	35.000	58	21Alp And	2.0730	11000.	70	19077	No
193	GOM_NL__2PRFIN20051023_195759_000000392041_00486_19077_7871.N1	23-OCT-2005 19:57:59	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	19077	No
194	GOM_NL__2PRFIN20051023_195916_000000382041_00486_19077_7872.N1	23-OCT-2005 19:59:16	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	19077	No
195	GOM_NL__2PRFIN20051023_200713_000000352041_00486_19077_7873.N1	23-OCT-2005 20:07:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19077	No
196	GOM_NL__2PRFIN20051023_201039_000000372041_00486_19077_7874.N1	23-OCT-2005 20:10:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19077	No
197	GOM_NL__2PRFIN20051023_201527_000000392041_00486_19077_7875.N1	23-OCT-2005 20:15:27	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	19077	No
198	GOM_NL__2PRFIN20051023_201743_000000342041_00486_19077_7876.N1	23-OCT-2005 20:17:43	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	19077	No
199	GOM_NL__2PRFIN20051023_202033_000000102041_00486_19077_7877.N1	23-OCT-2005 20:20:33	Twilight_and_stray	10.000	174	52Psi UMa	3.0040	4400.0	20	19077	No
200	GOM_NL__2PRFIN20051023_202128_000000352041_00486_19077_7878.N1	23-OCT-2005 20:21:28	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	19077	No
201	GOM_NL__2PRFIN20051023_202734_000000382041_00486_19077_7879.N1	23-OCT-2005 20:27:34	Bright	38.000	96	68Del Leo	2.5600	9300.0	76	19077	No
202	GOM_NL__2PRFIN20051023_204710_000000382041_00486_19077_7880.N1	23-OCT-2005 20:47:10	Dark	37.500	113	Mu Vel	2.6920	5000.0	75	19077	No
203	GOM_NL__2PRFIN20051023_205132_000000402041_00487_19078_7864.N1	23-OCT-2005 20:51:32	Dark	39.500	71	lot Car	2.2460	7700.0	79	19078	No

3. Quality information per product

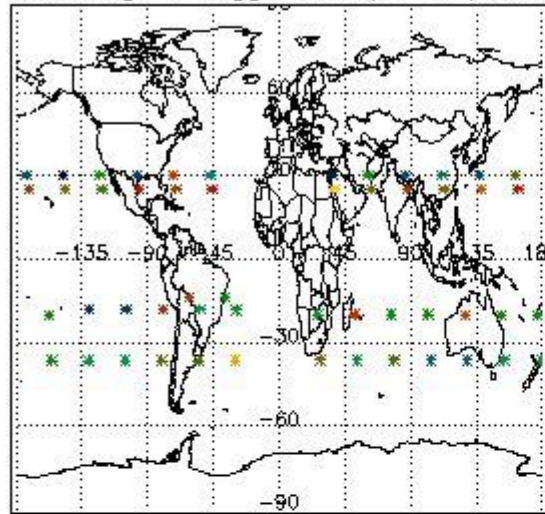
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

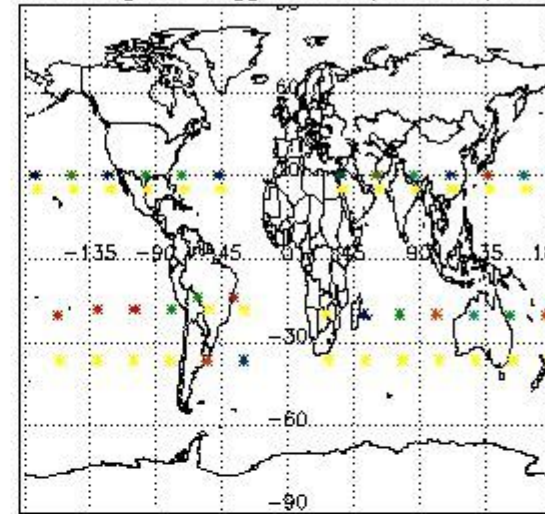


3.2 Plot quality information per product (world map)

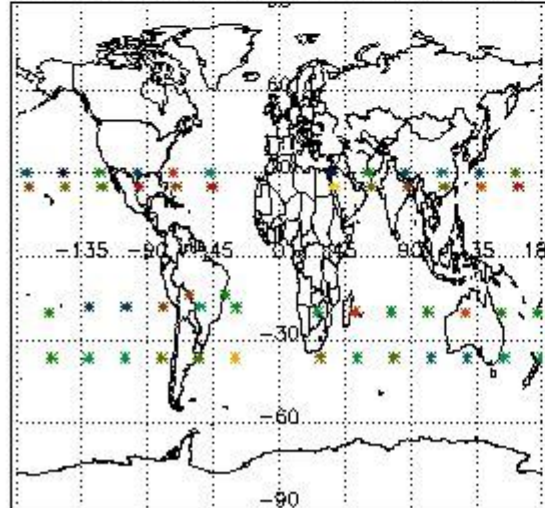
Percentage of flagged data per O3 profile



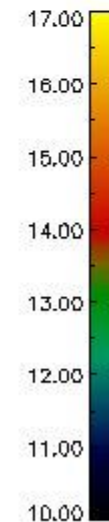
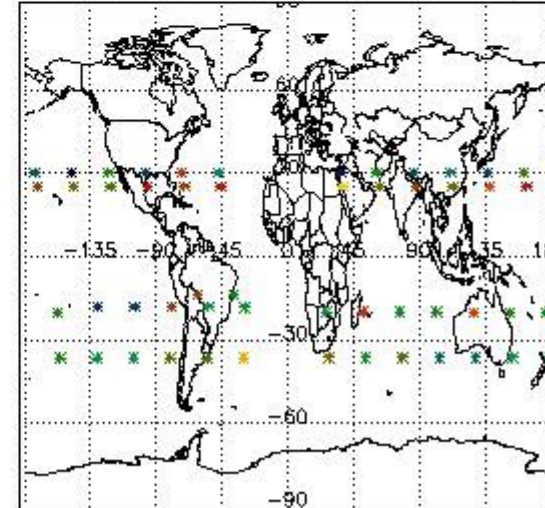
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

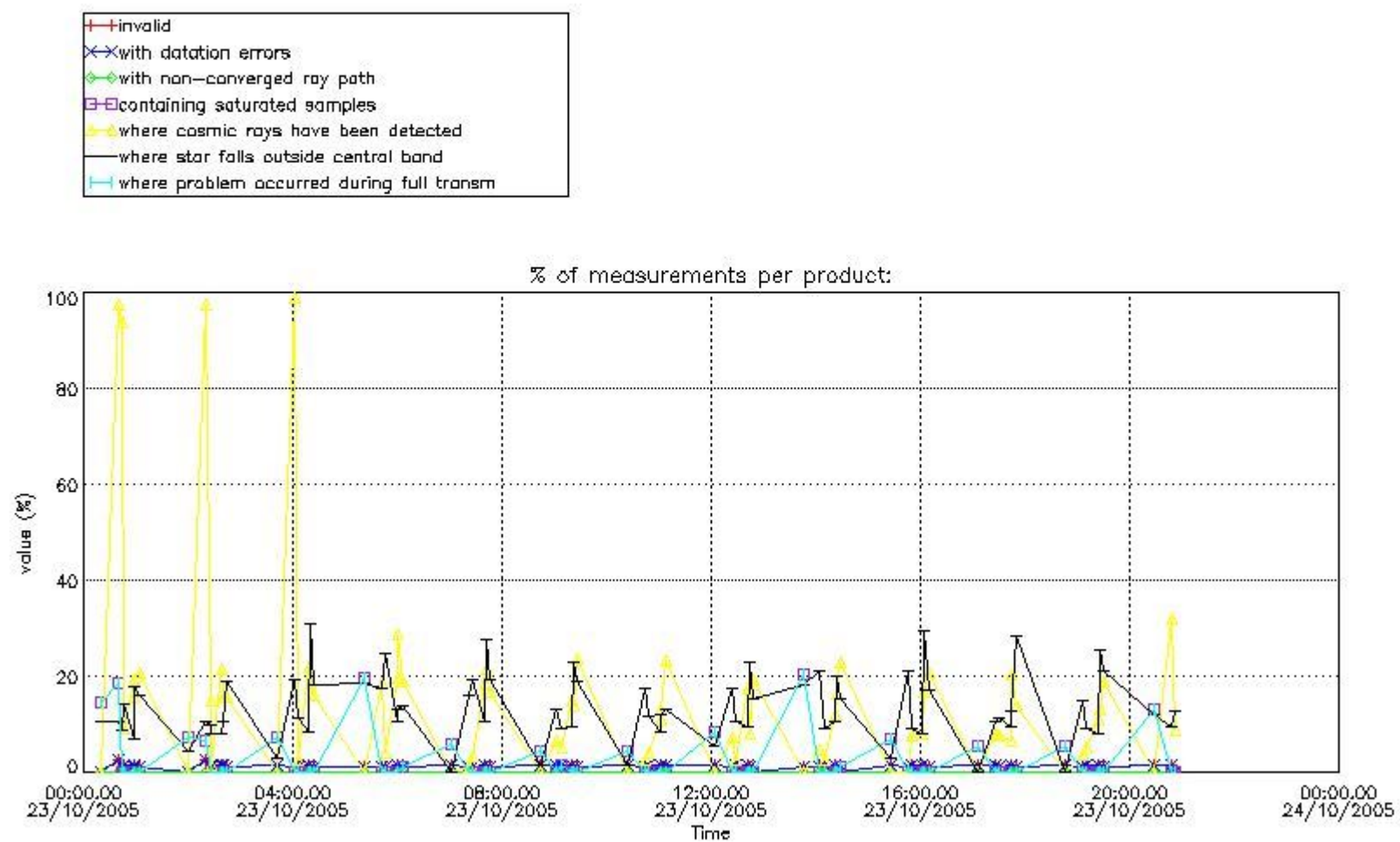


4. Level 1 quality information per product

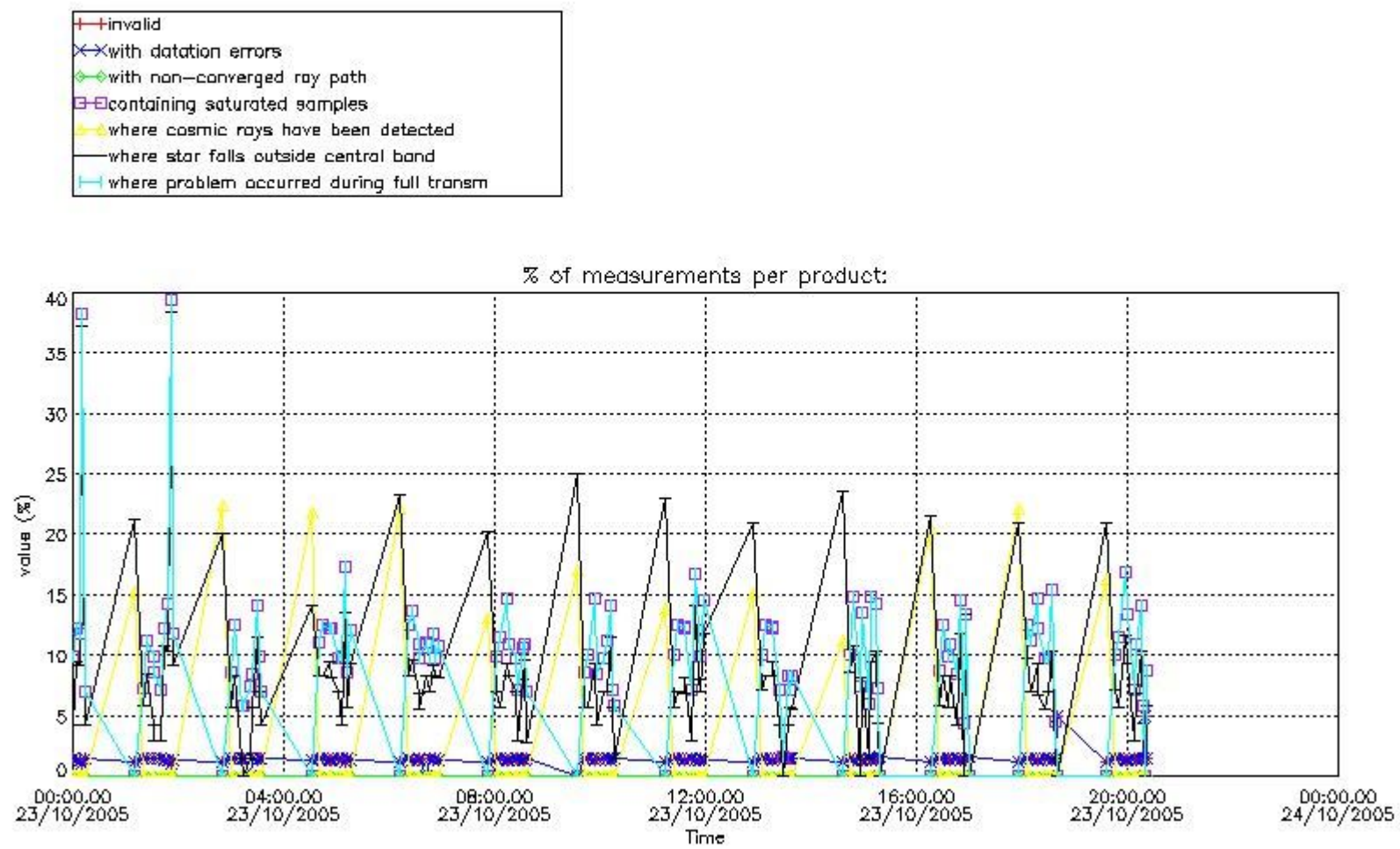
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



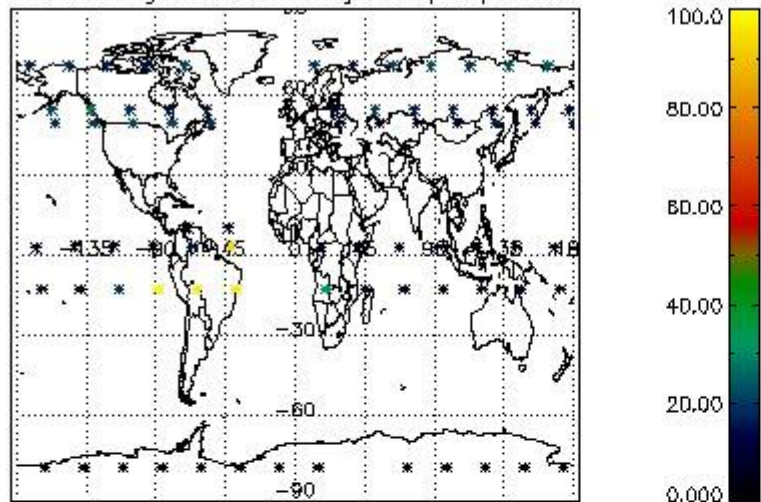
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



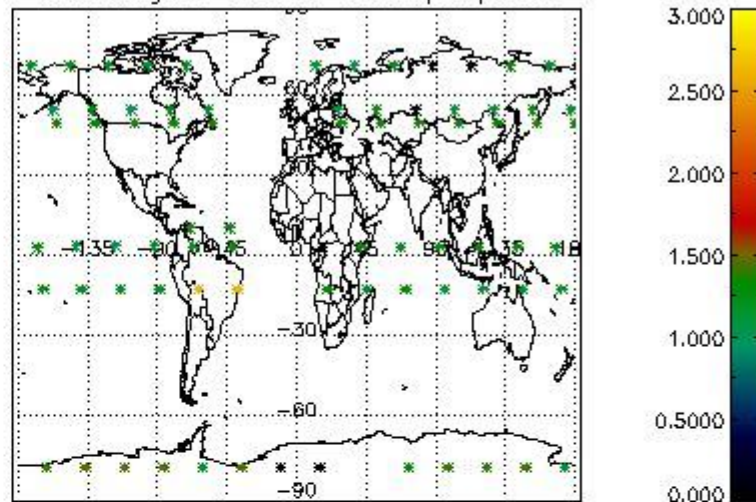
4.2 Plot quality information per product coming from level 1b processing (world map)

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

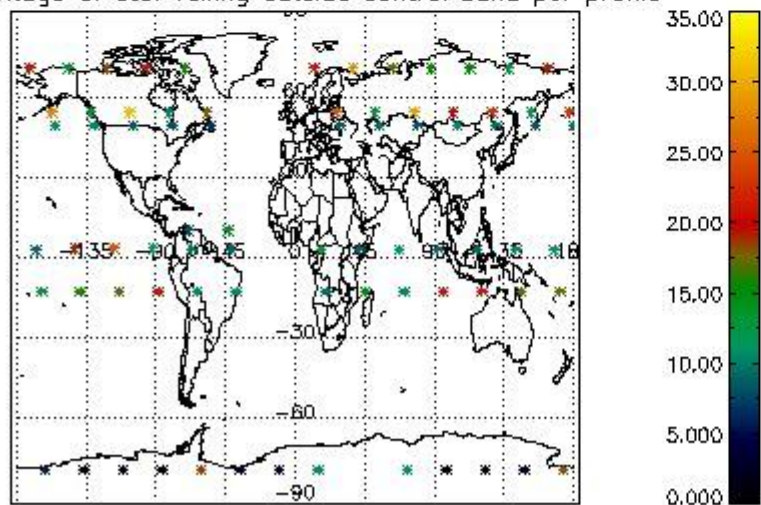
Percentage of cosmic ray hits per profile



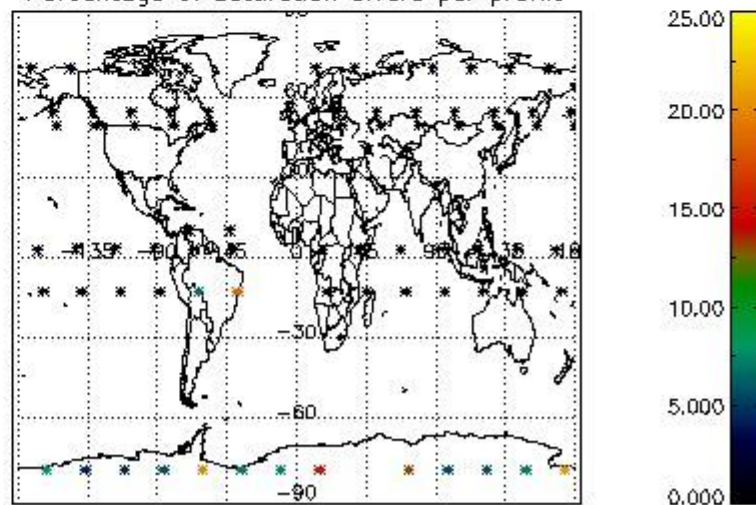
Percentage of datation errors per profile



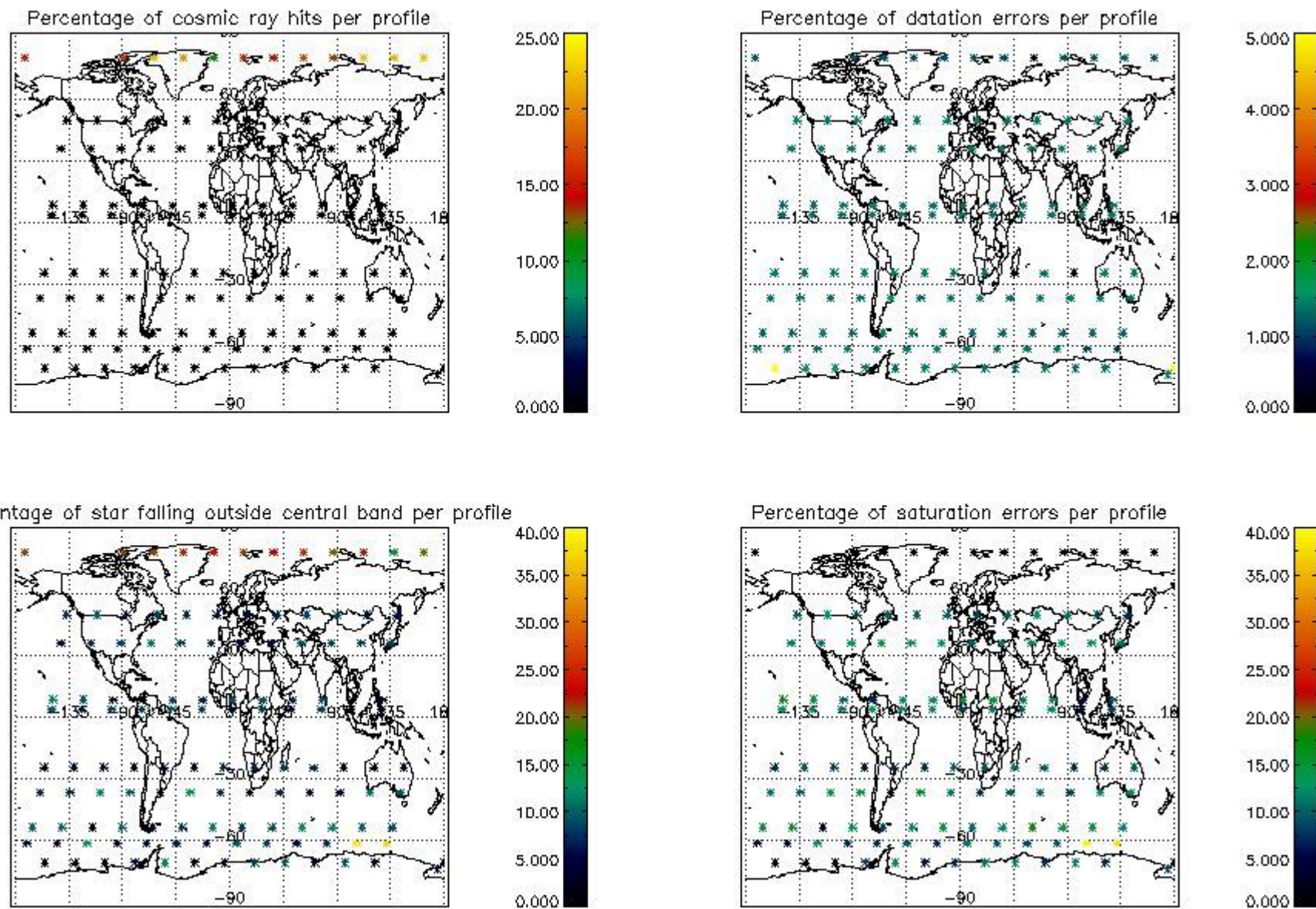
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

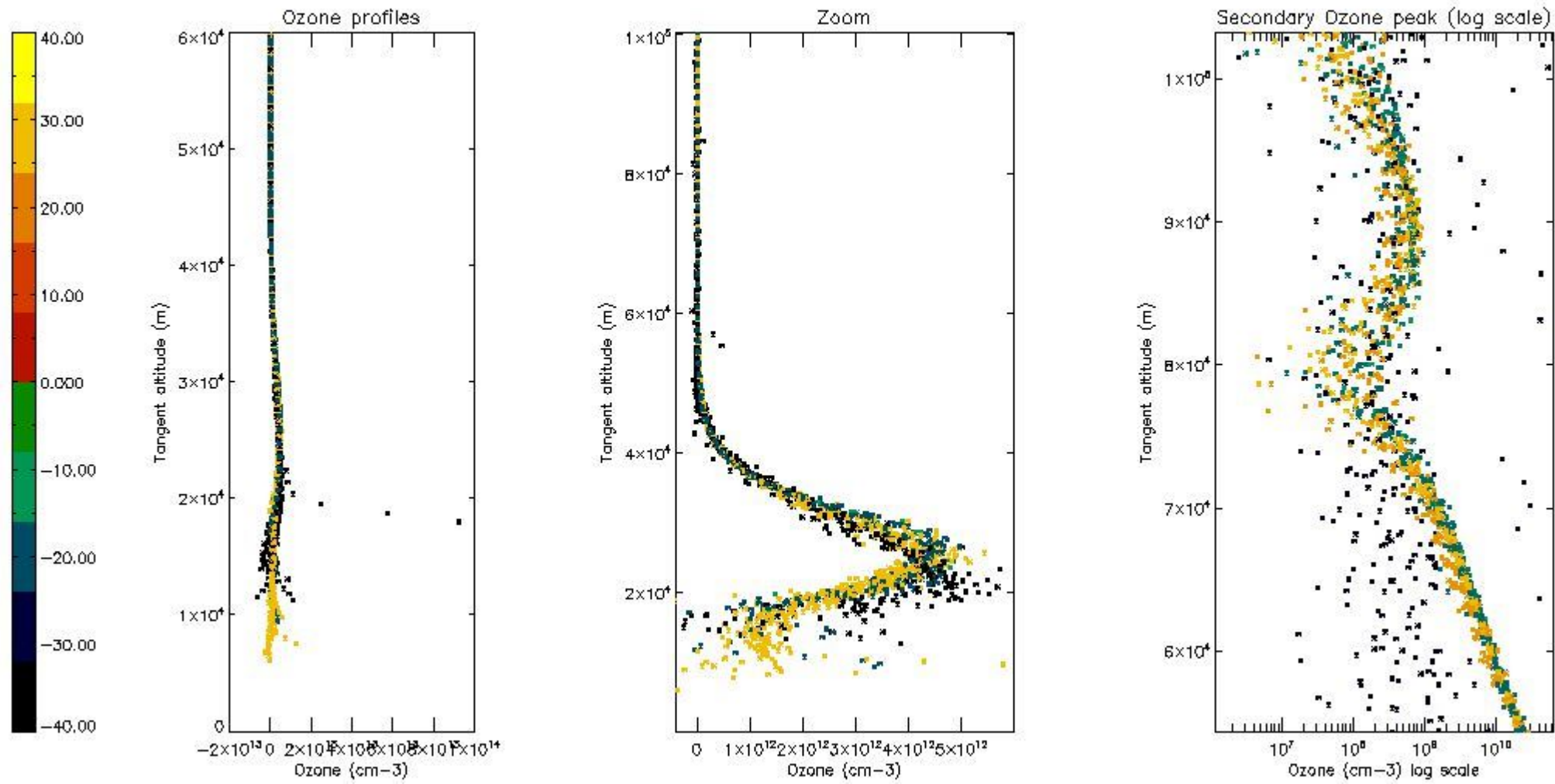
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	15

STD < 10	11
STD < 5	5

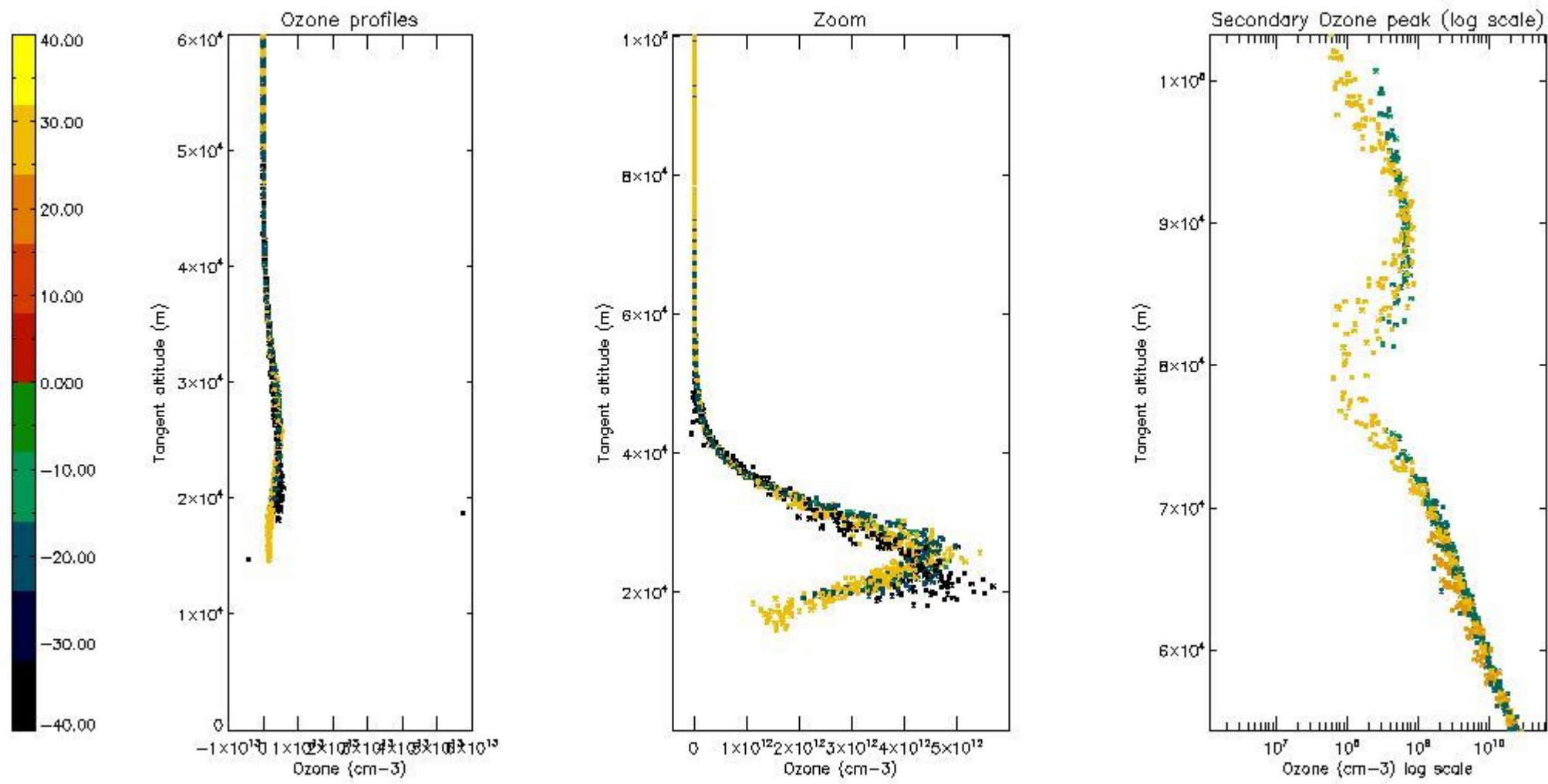
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



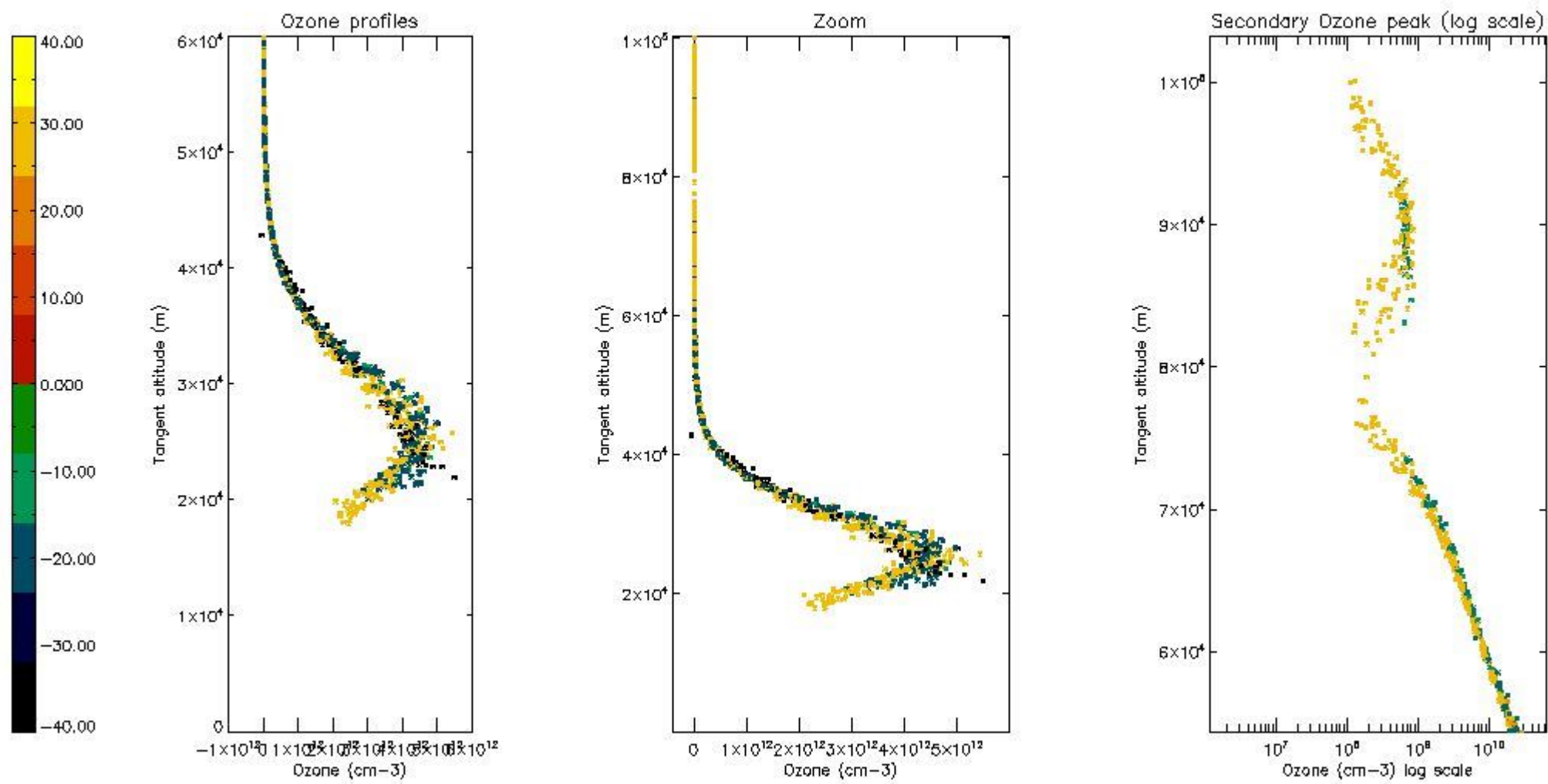
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



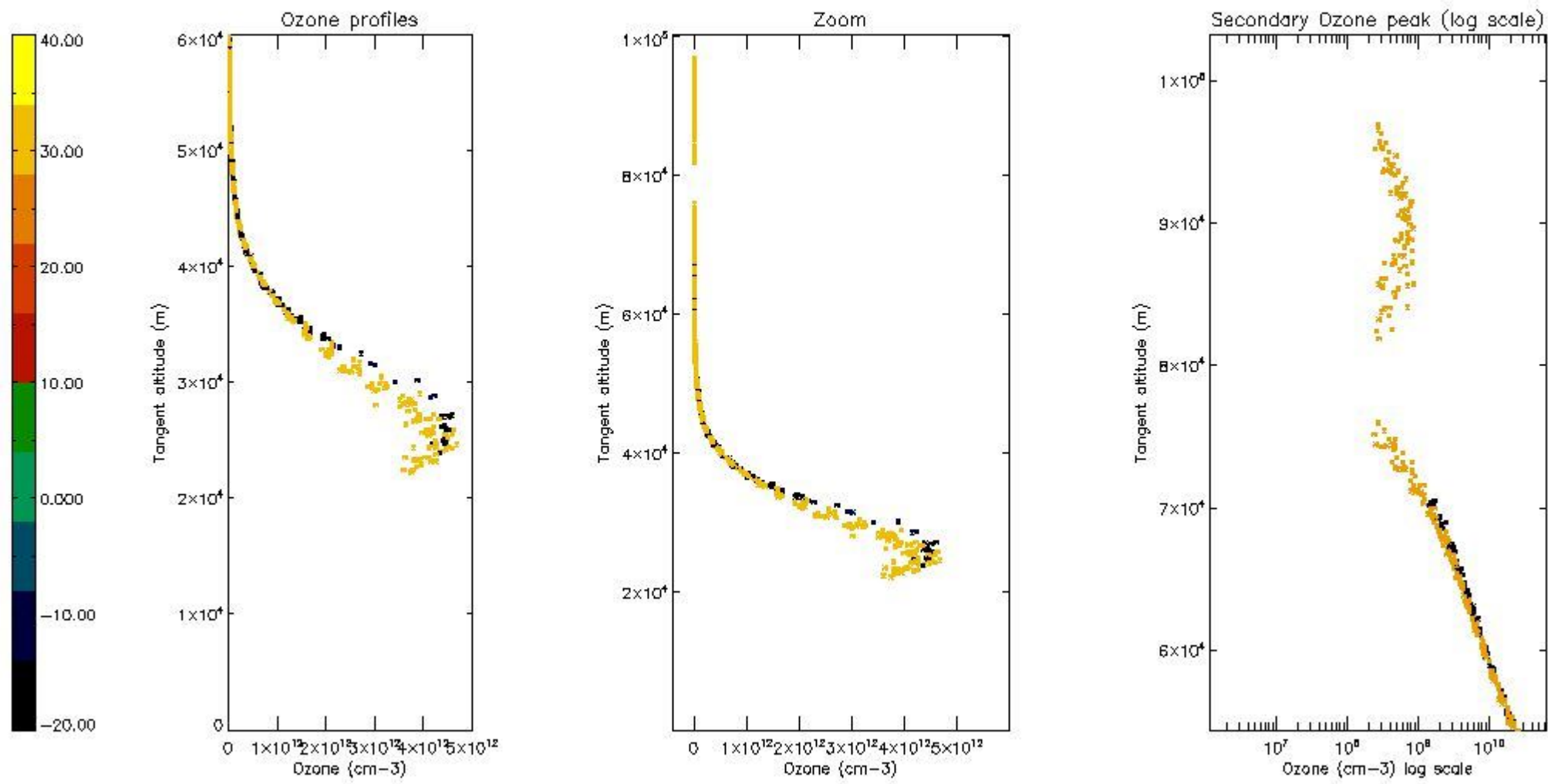
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



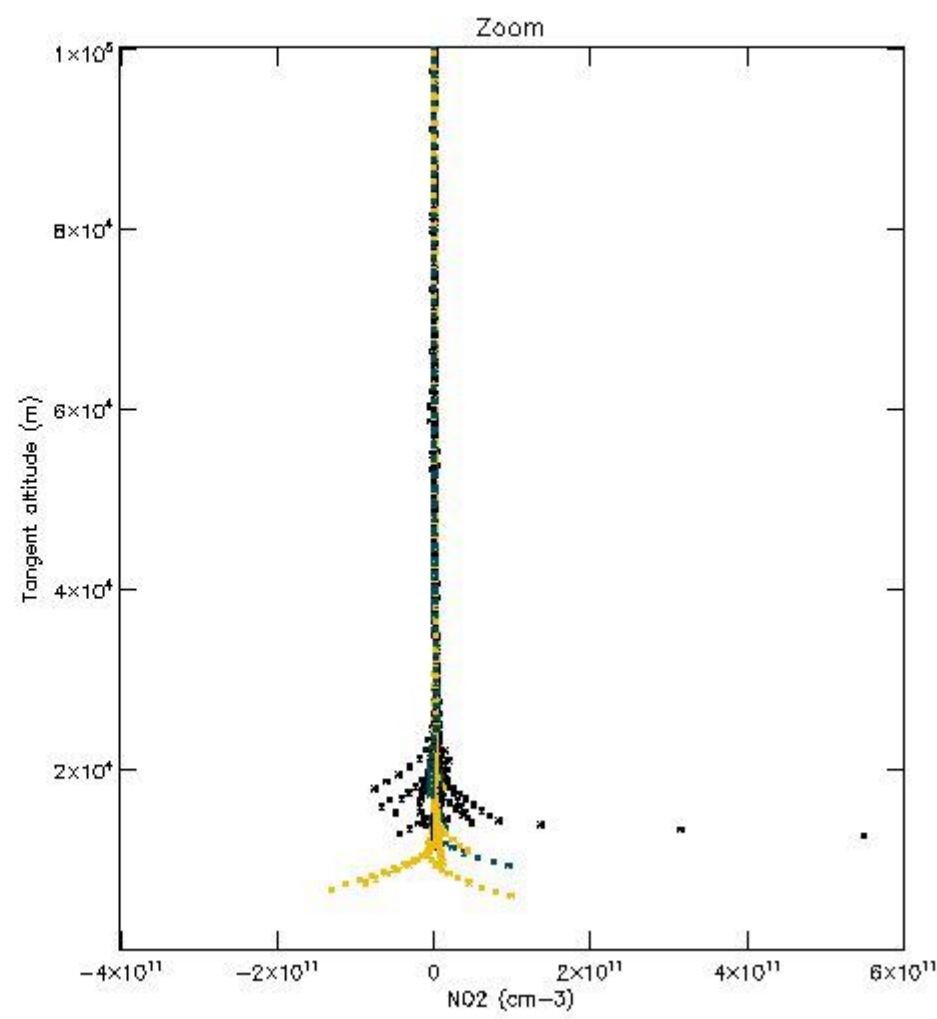
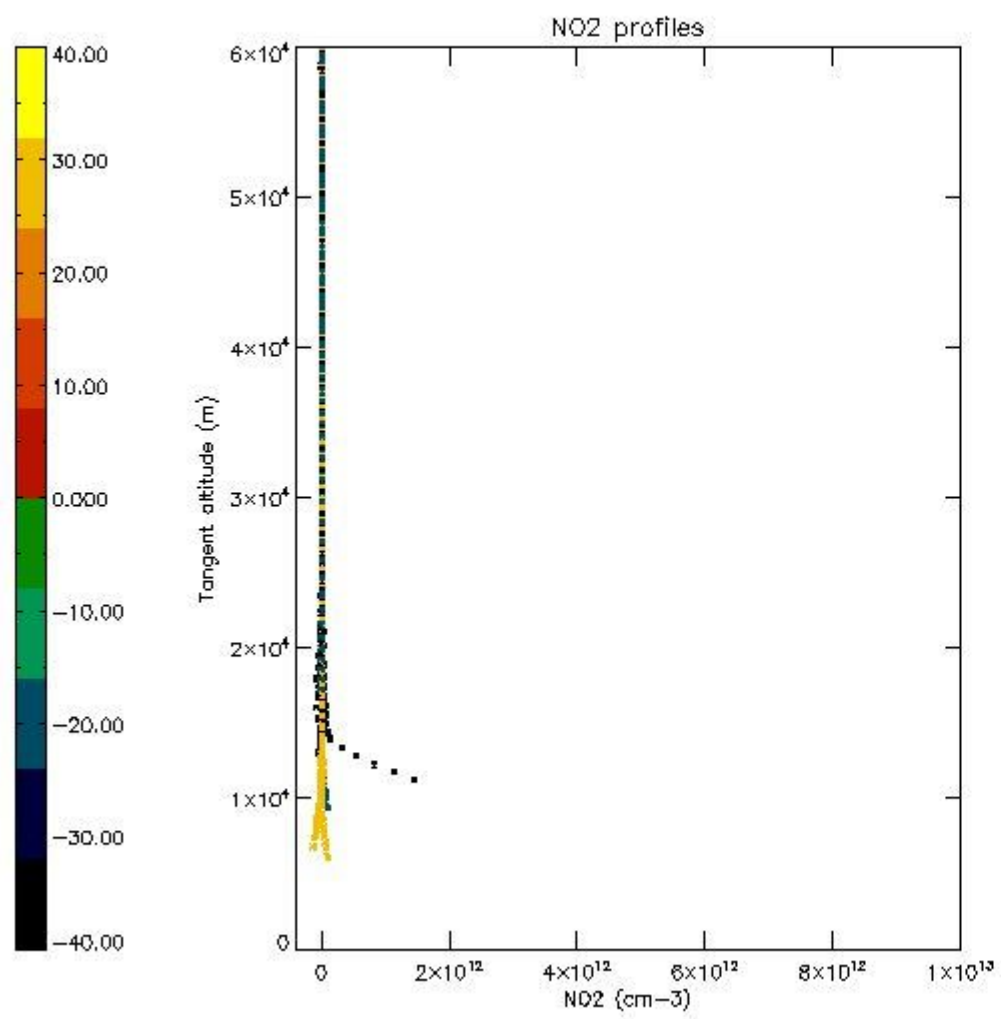
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



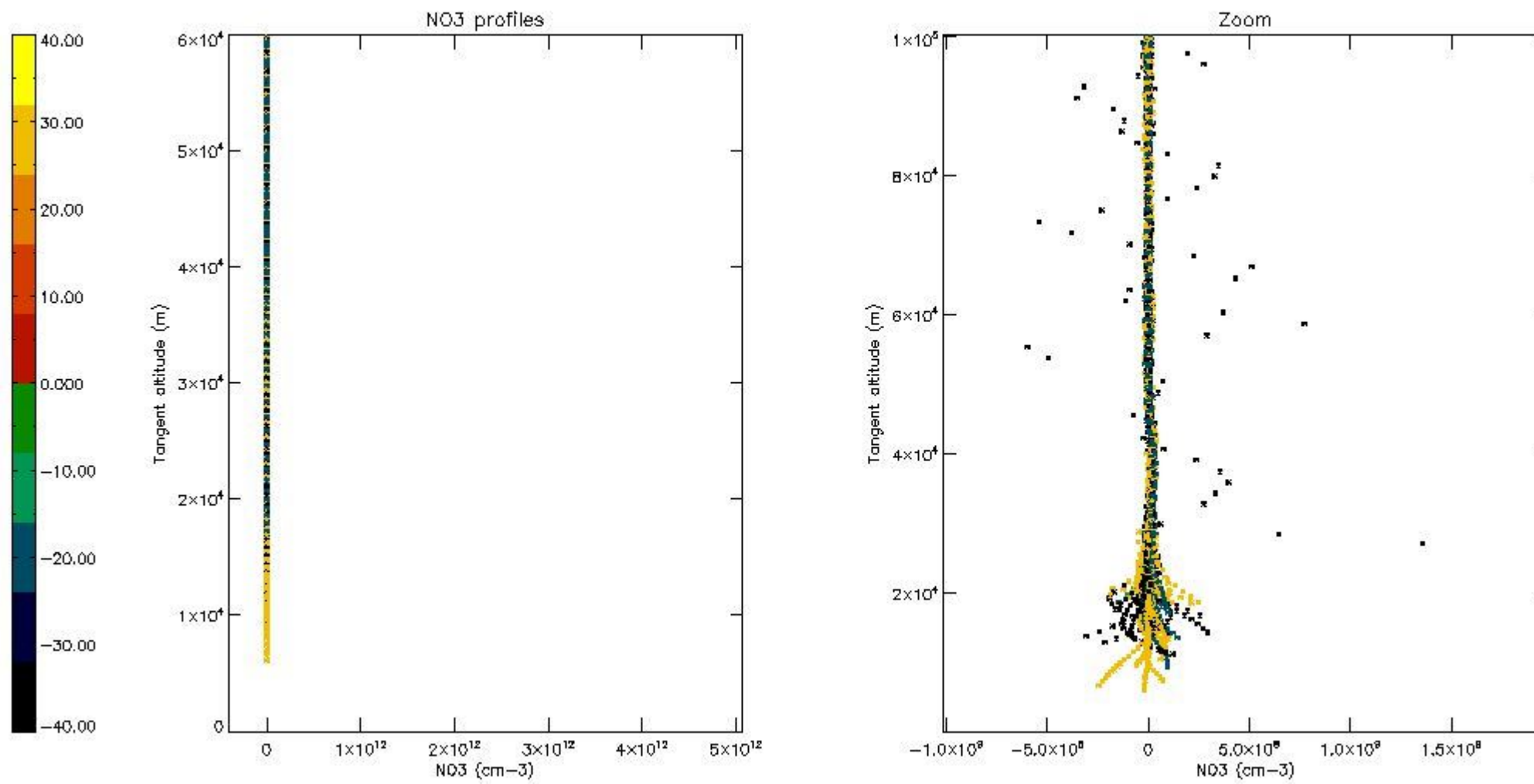
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

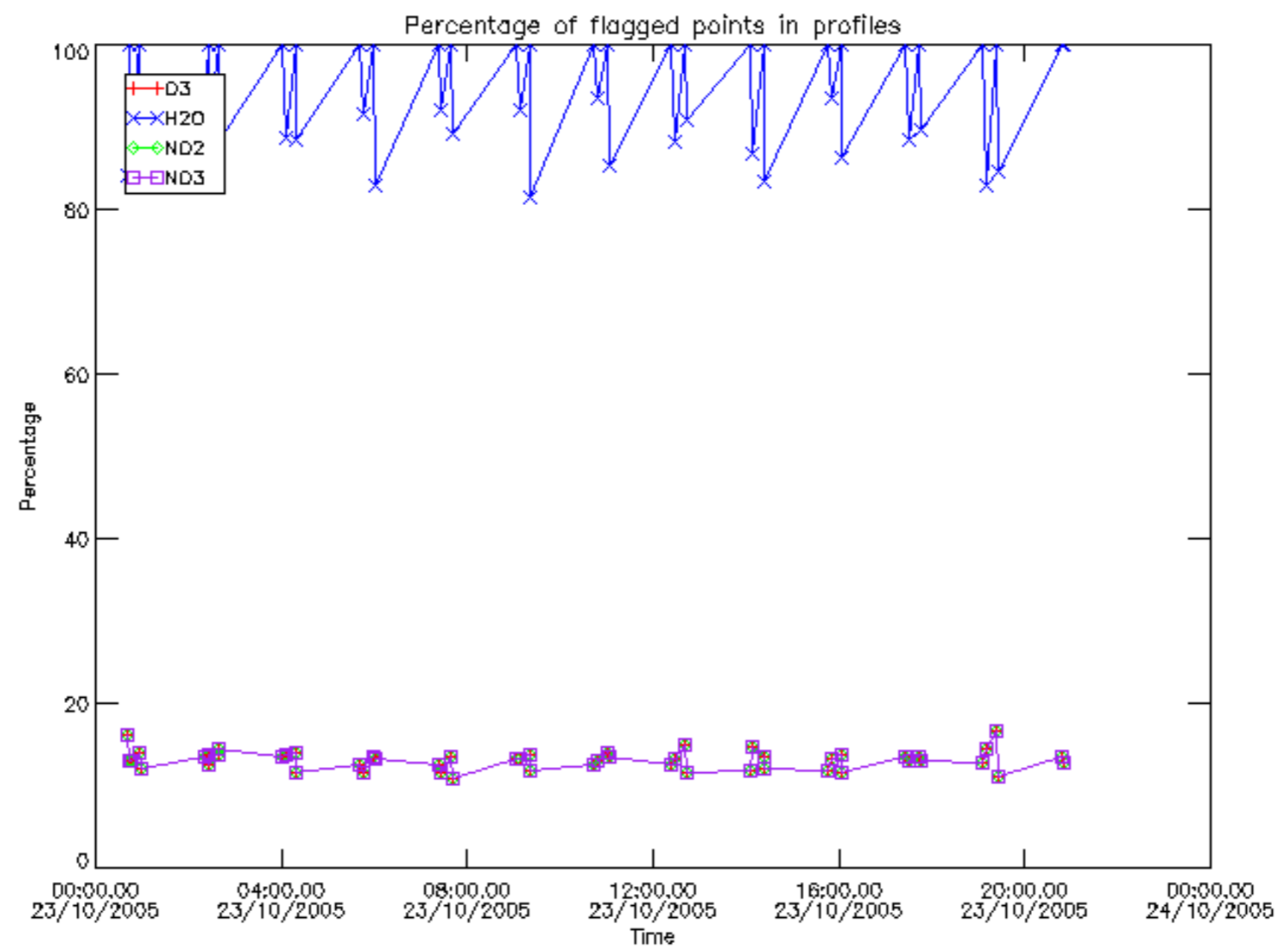
The colorbar represents the latitude.



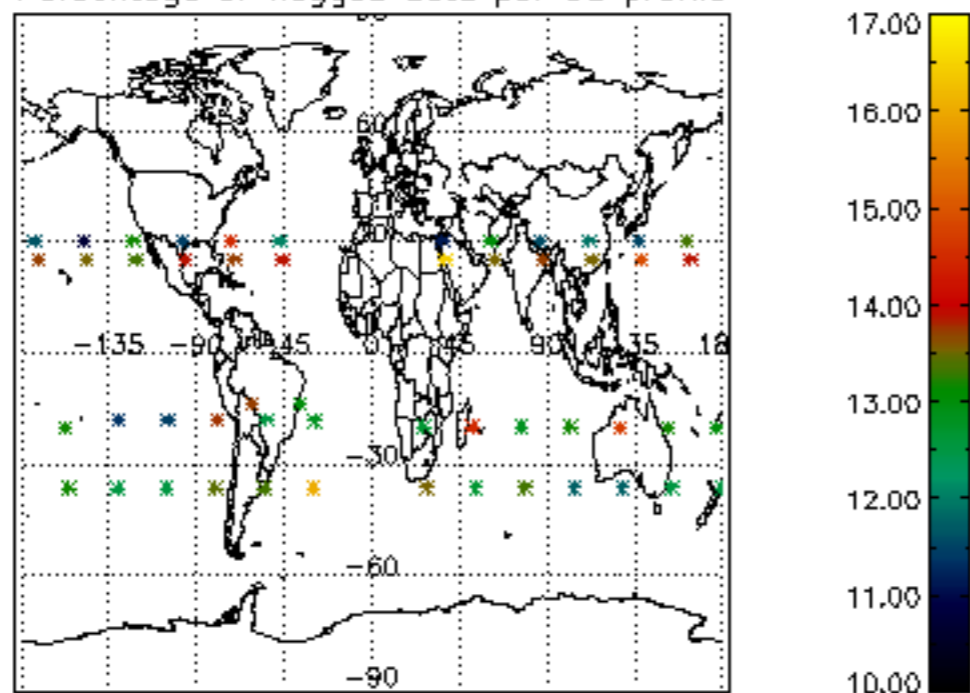
6. Auxiliary Data Files used for the production reported in section 2

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.

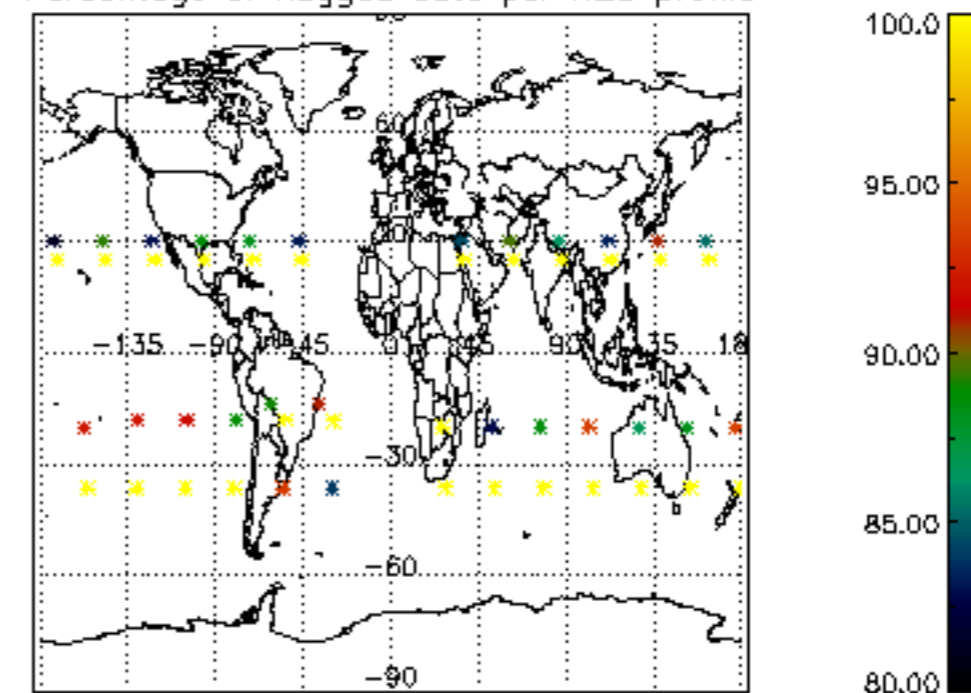
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-OCT-2005 00:00:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-OCT-2005 00:00:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-OCT-2005 00:00:01



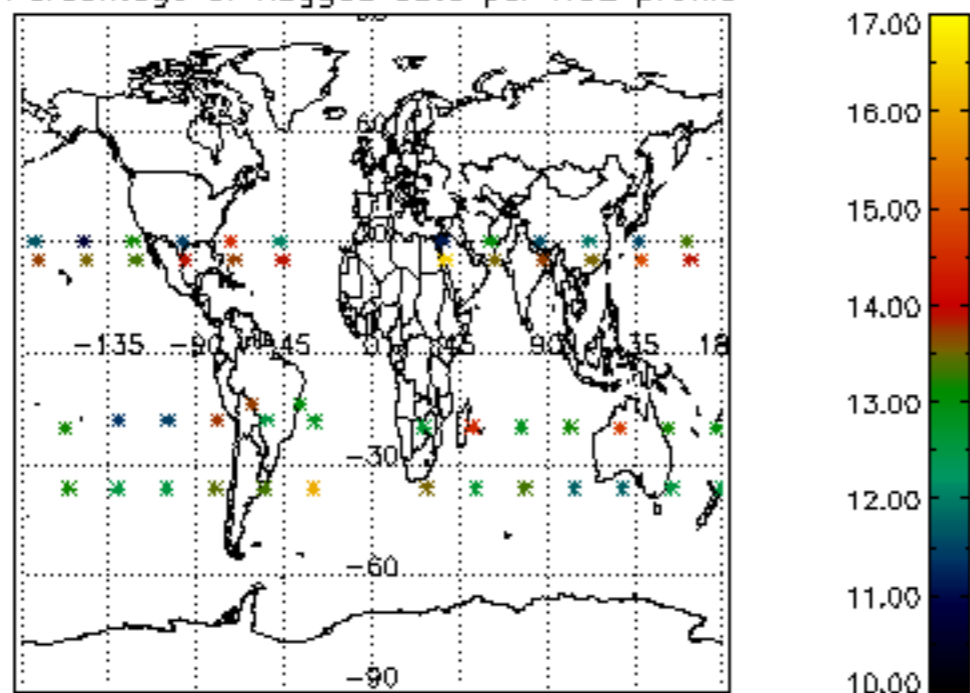
Percentage of flagged data per D3 profile



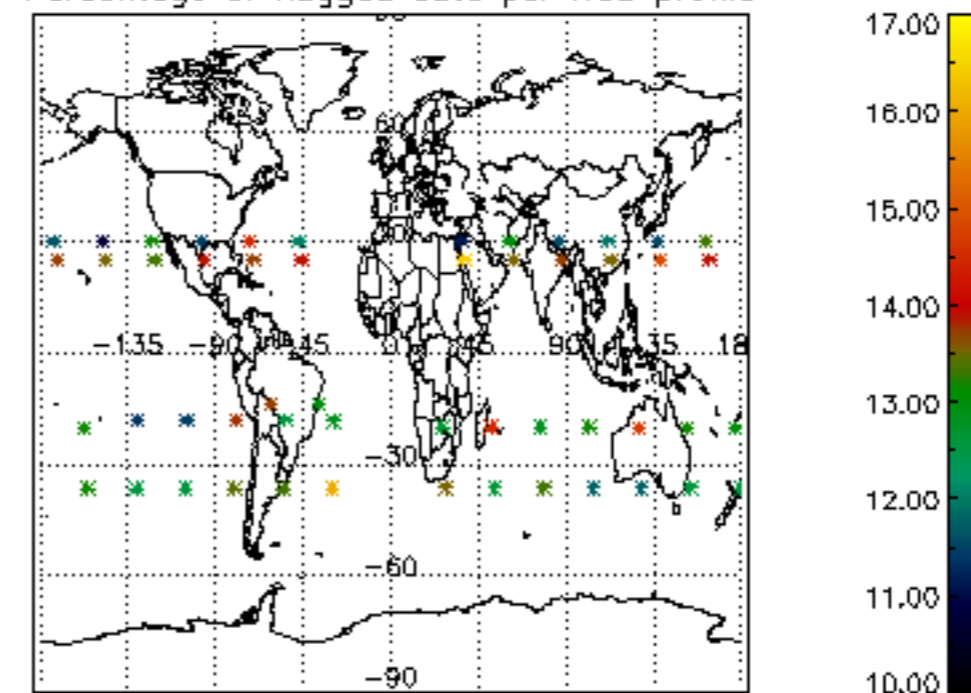
Percentage of flagged data per H2O profile

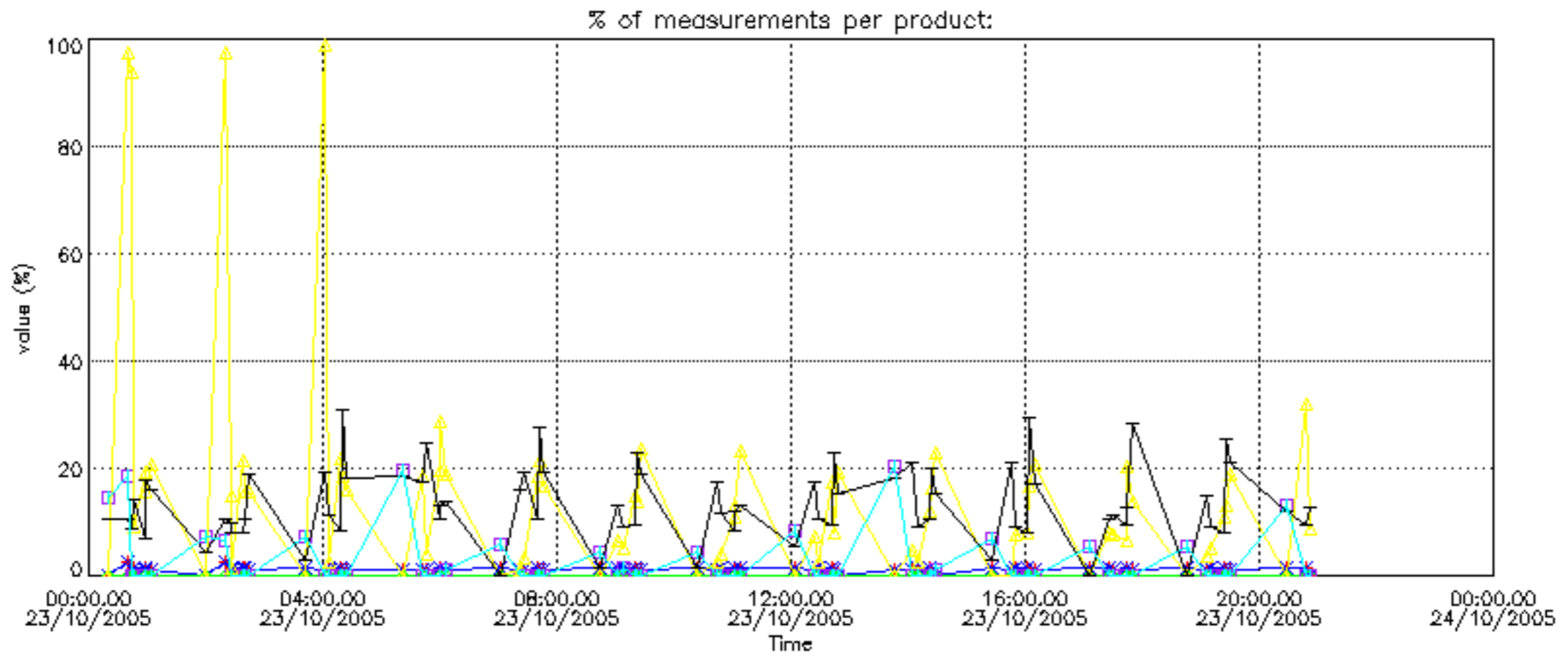


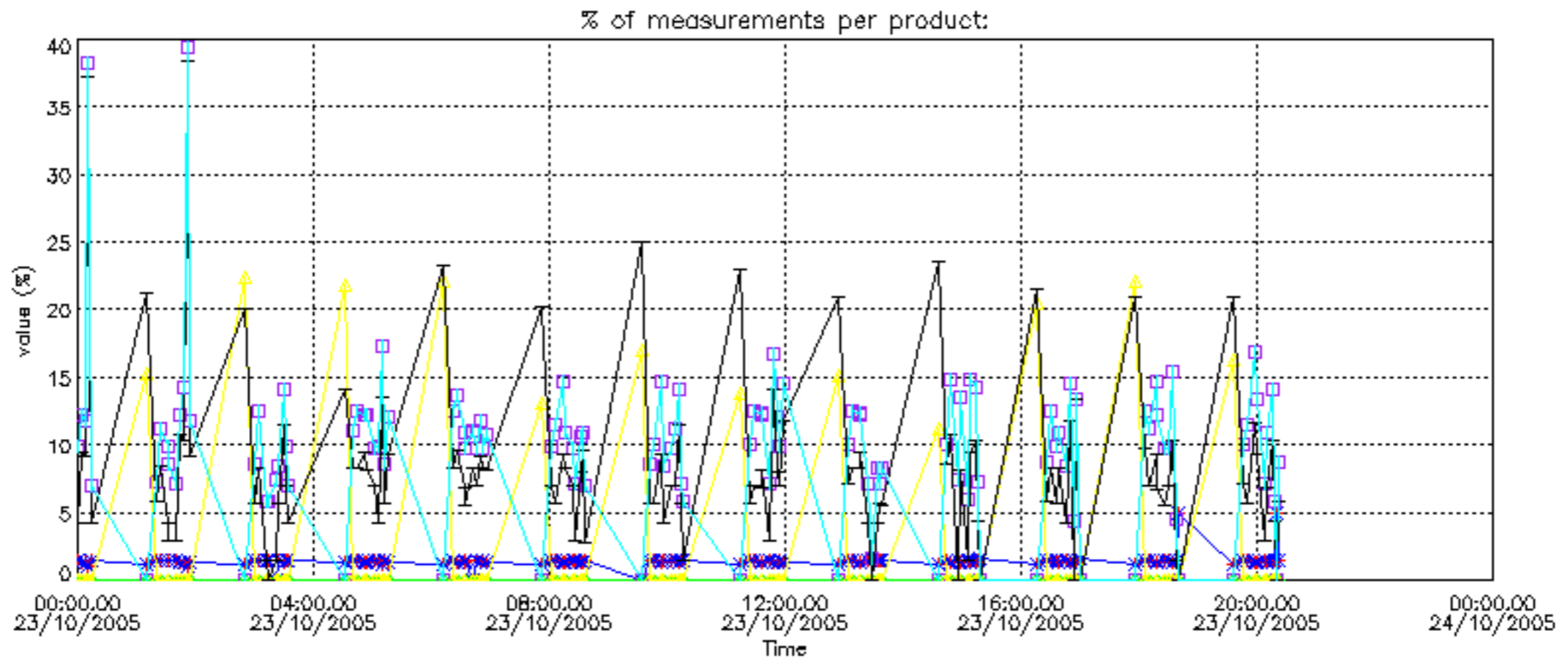
Percentage of flagged data per NO2 profile



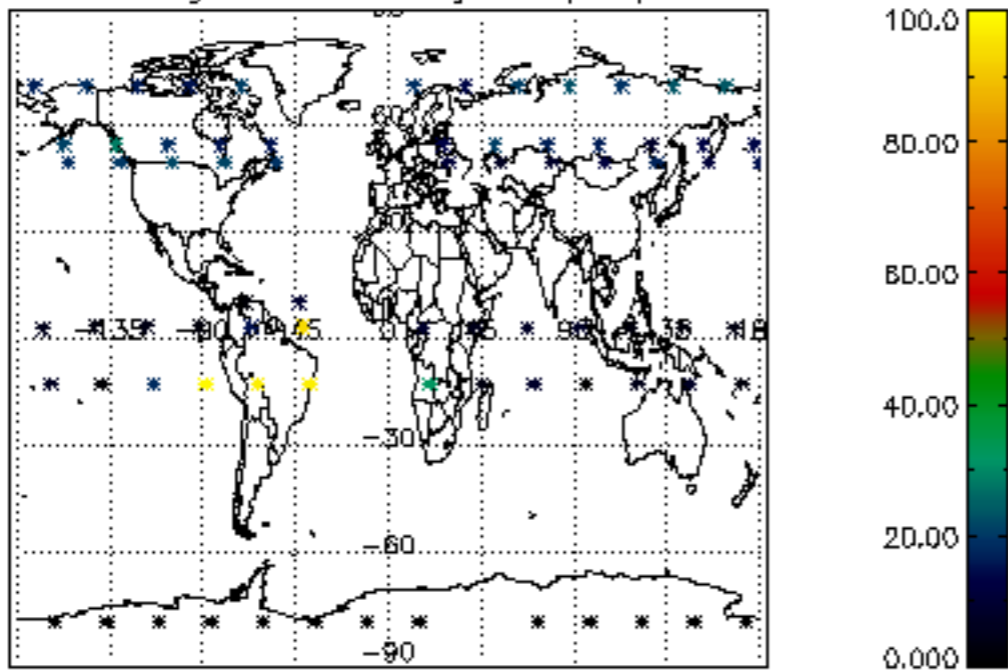
Percentage of flagged data per NO3 profile



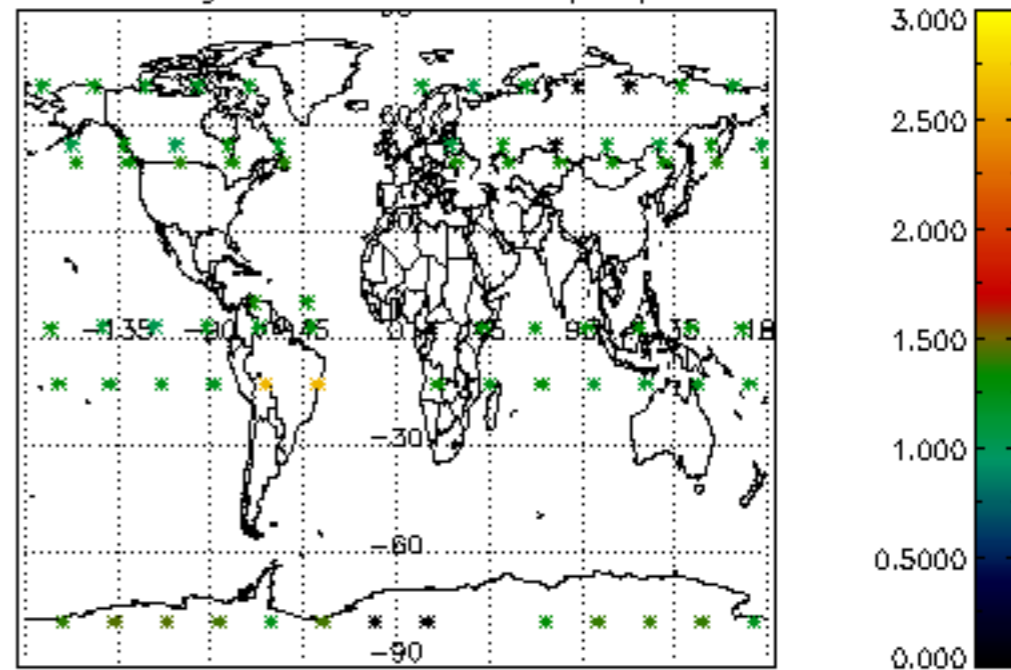




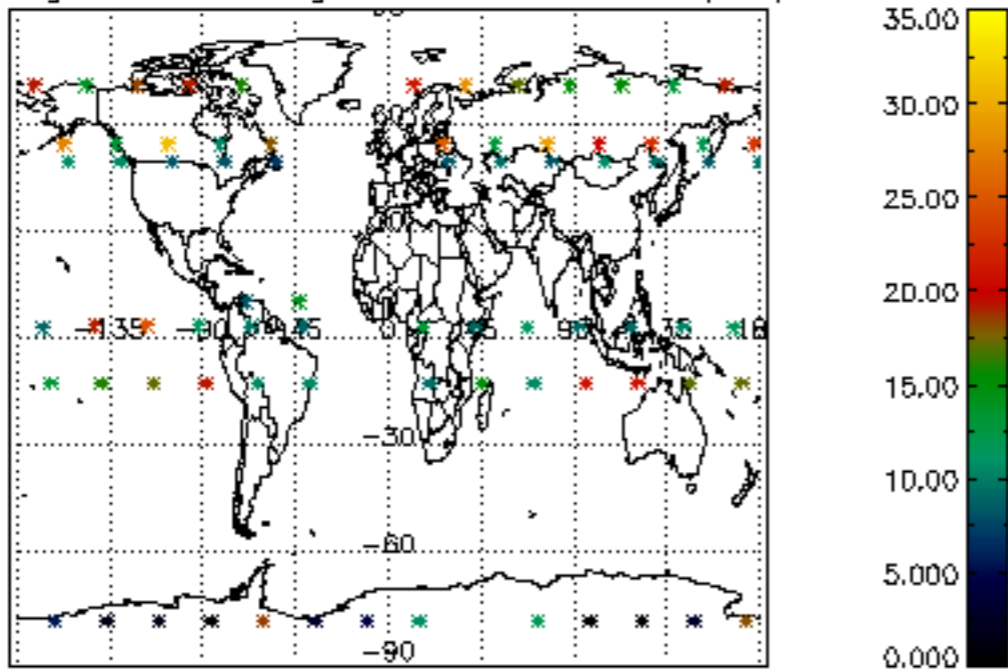
Percentage of cosmic ray hits per profile



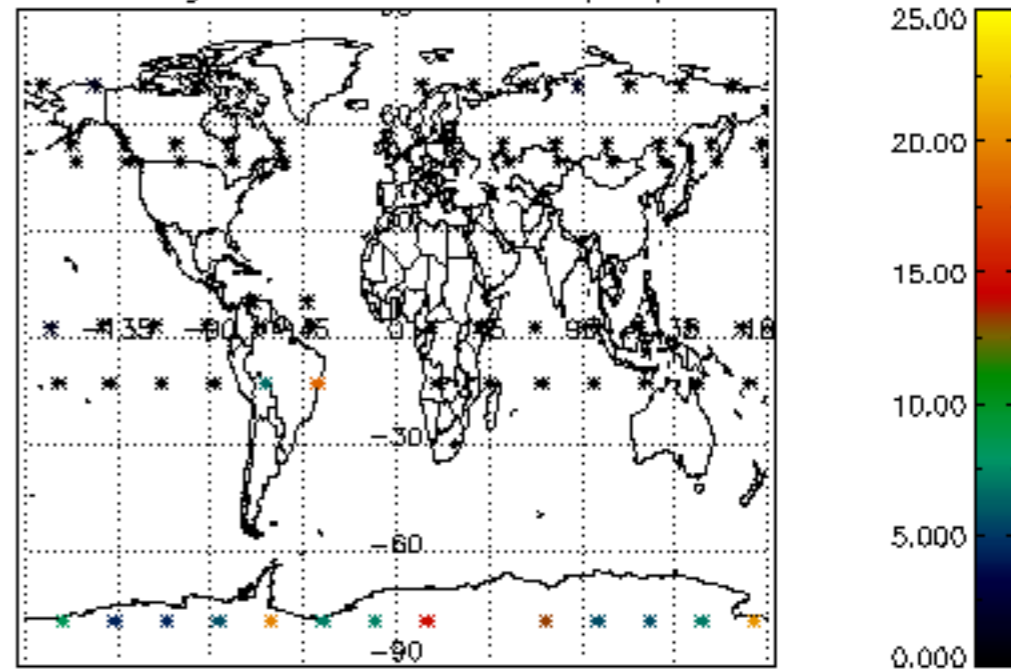
Percentage of datation errors per profile



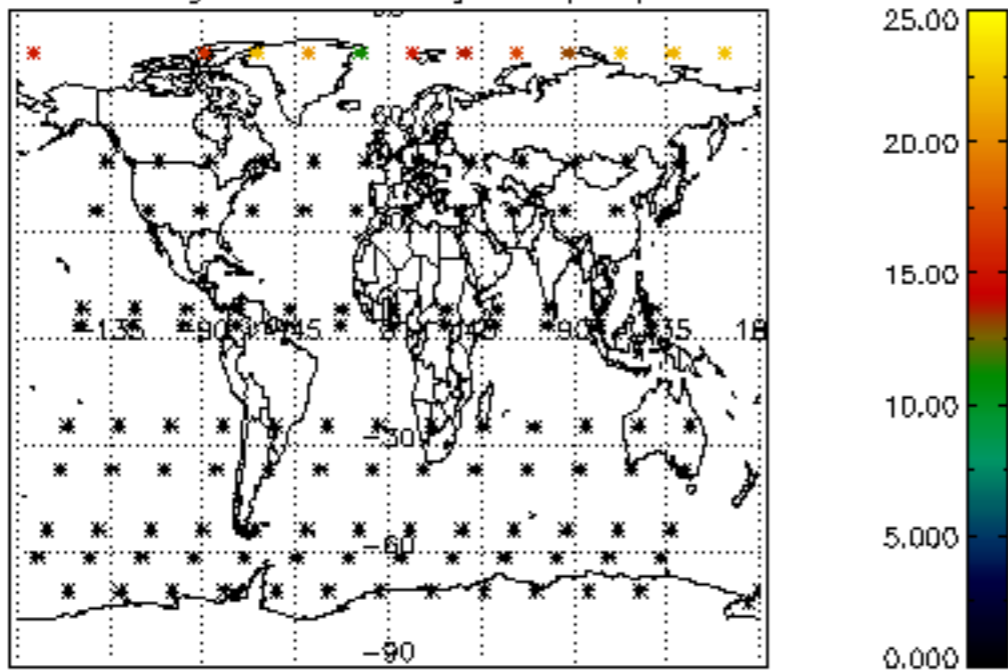
Percentage of star falling outside central band per profile



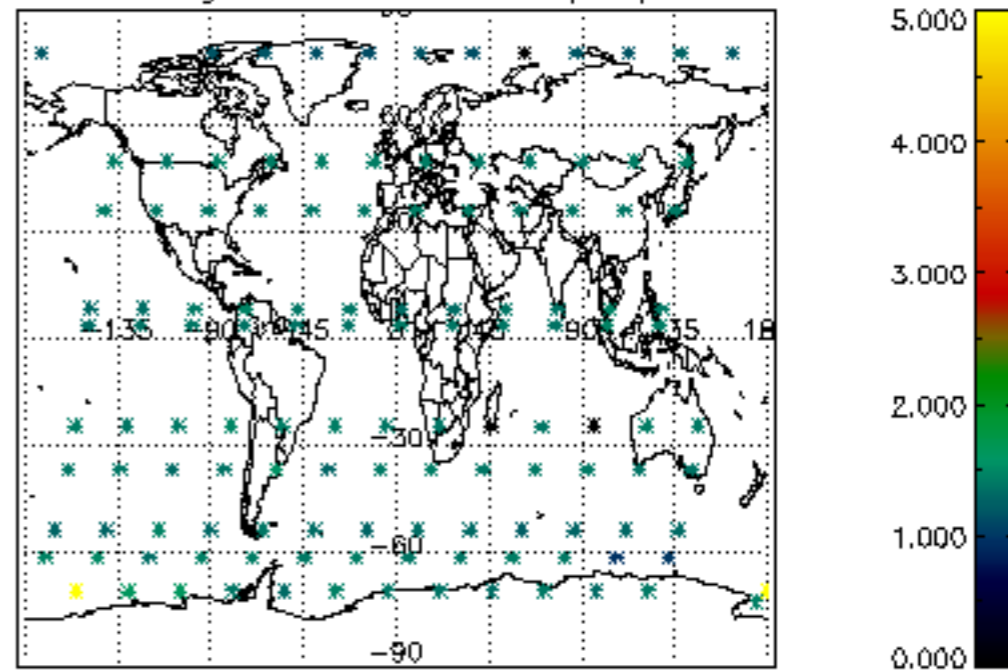
Percentage of saturation errors per profile



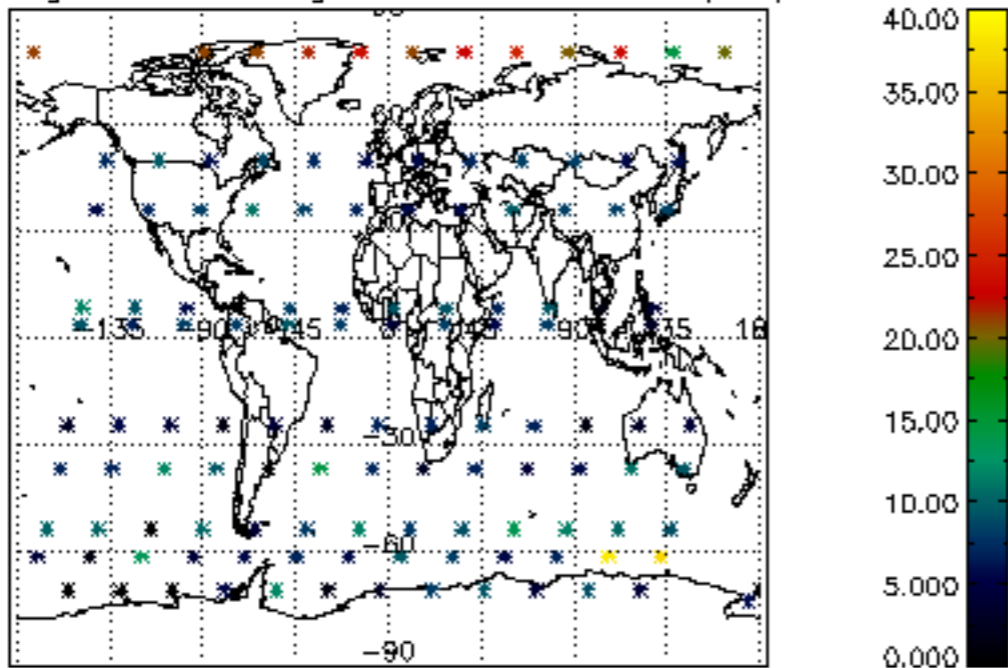
Percentage of cosmic ray hits per profile



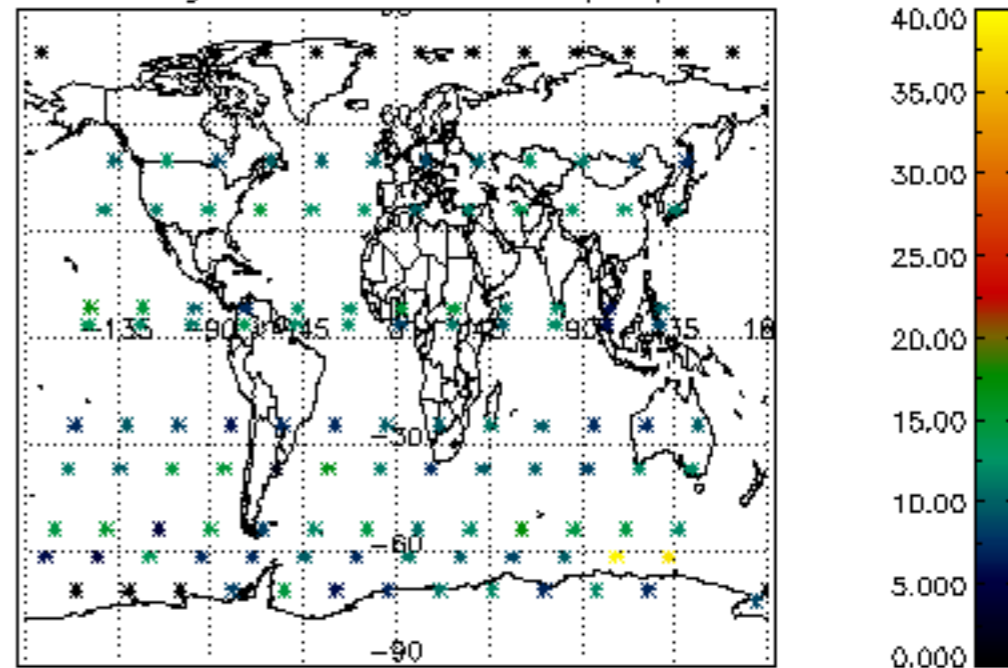
Percentage of datation errors per profile

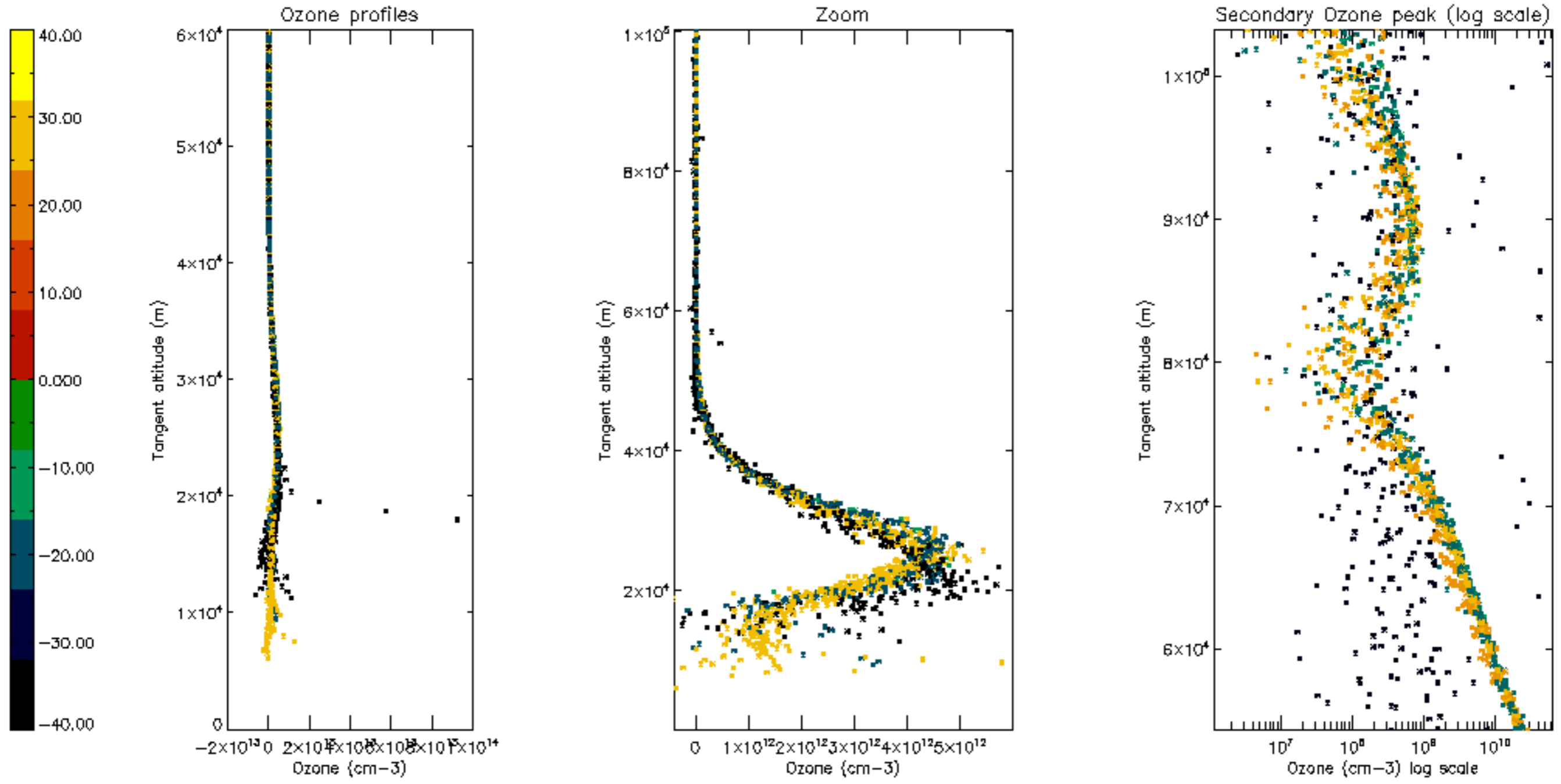


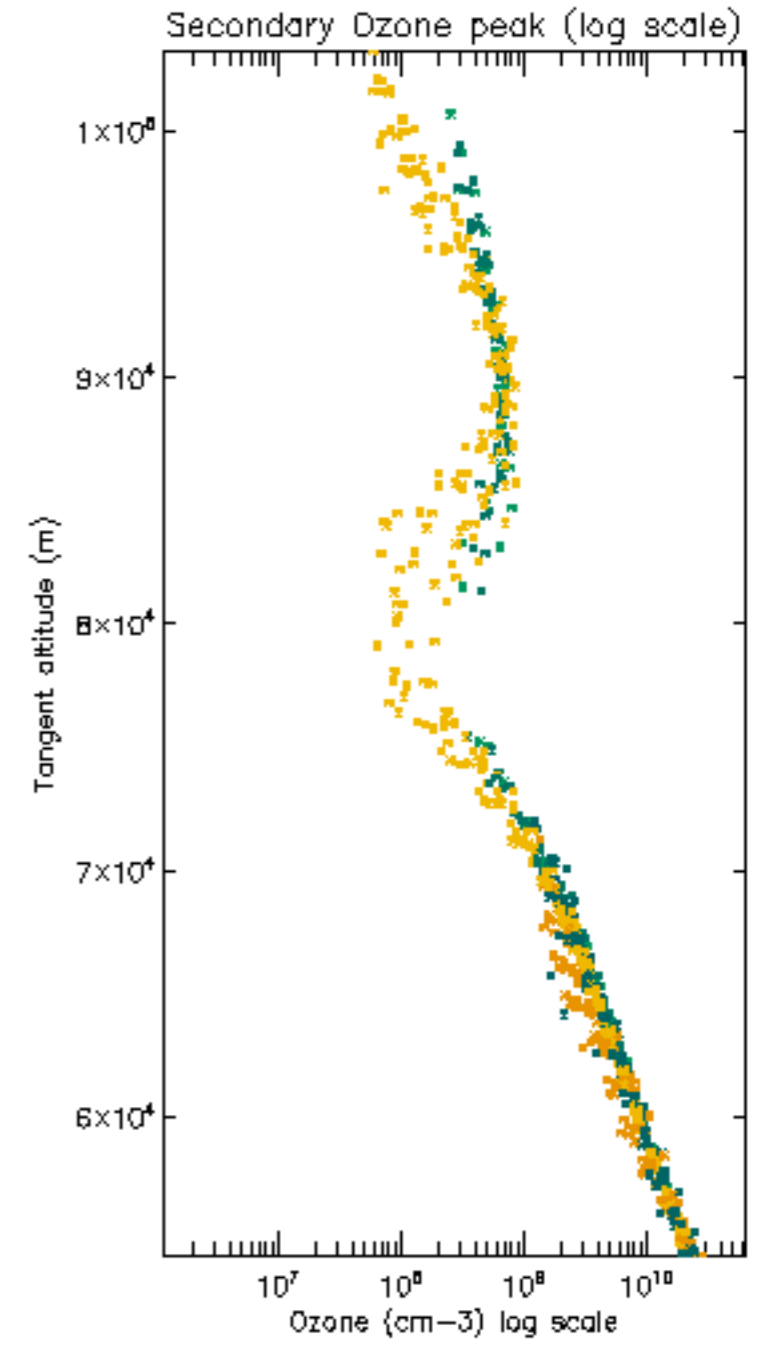
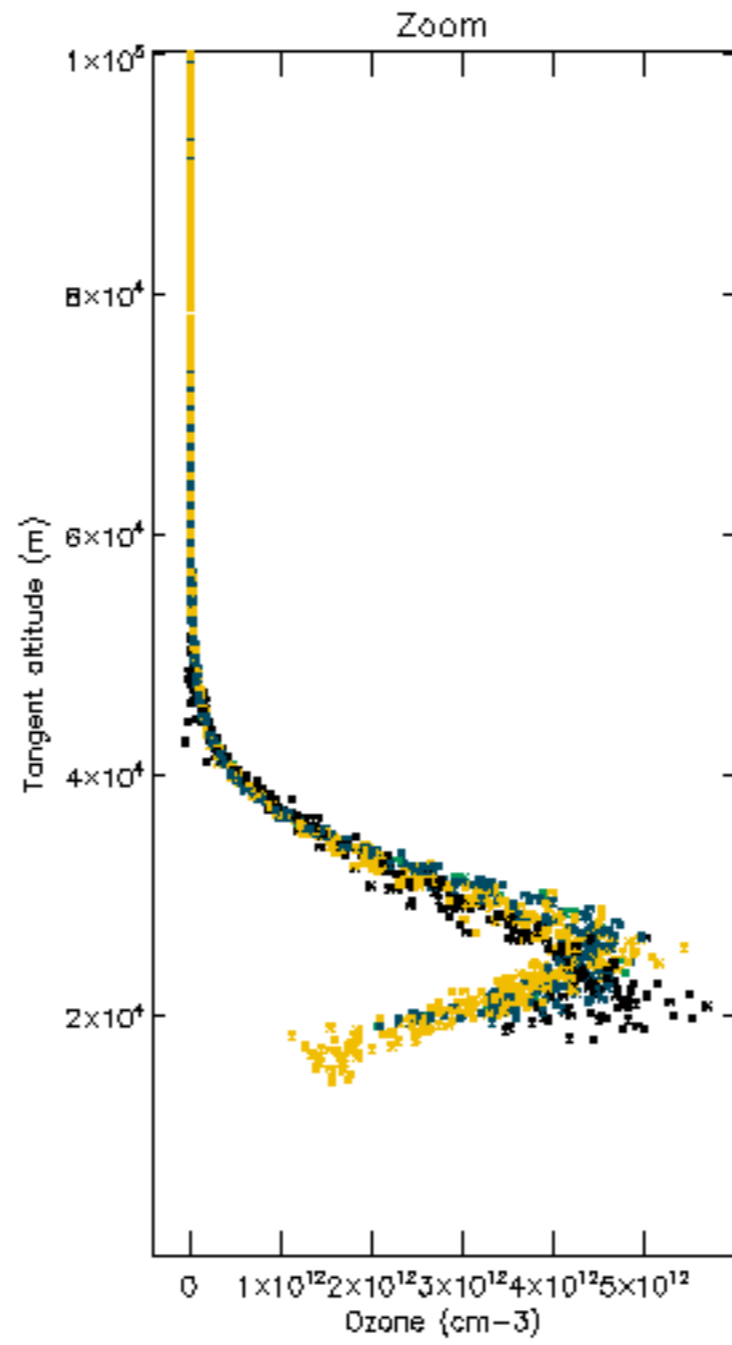
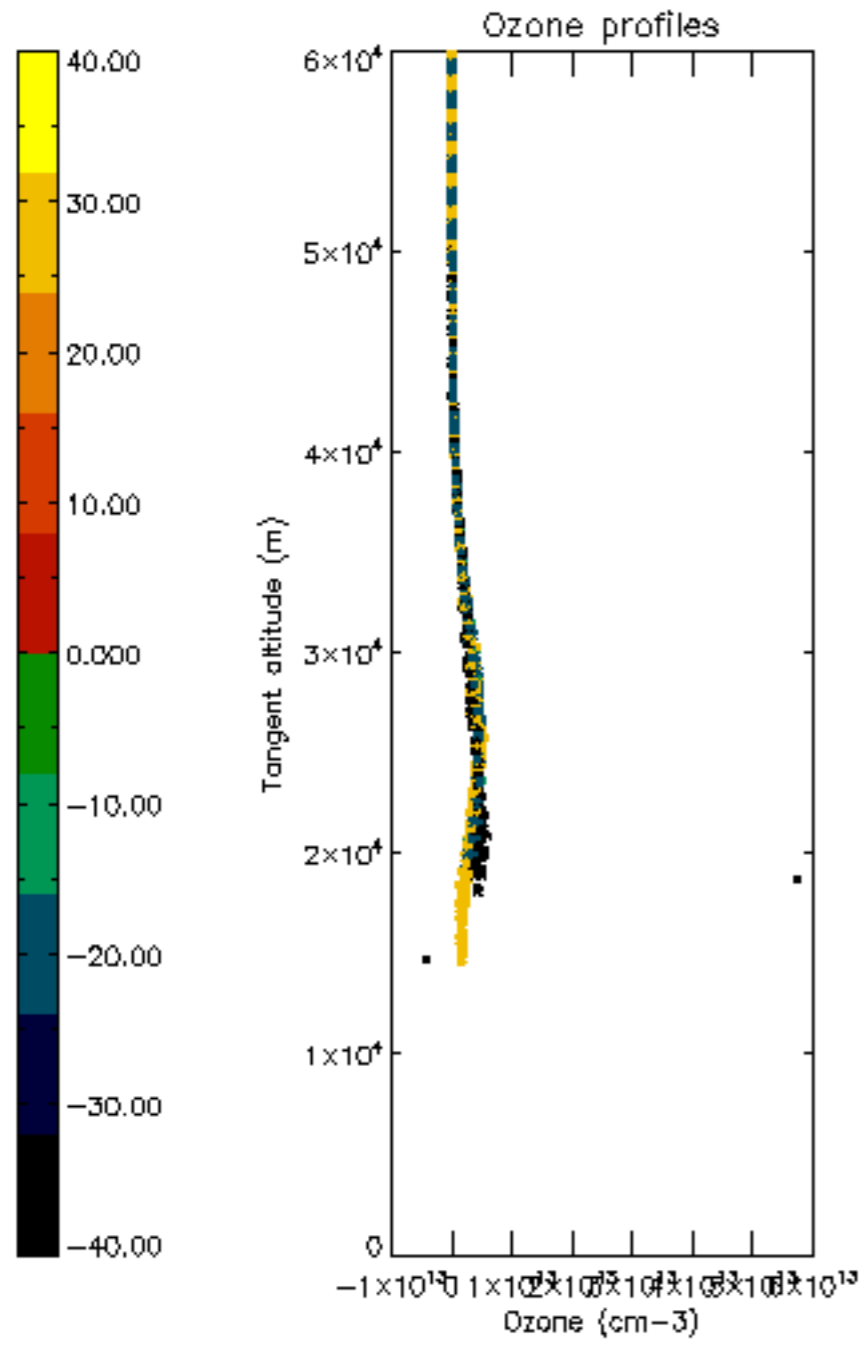
Percentage of star falling outside central band per profile

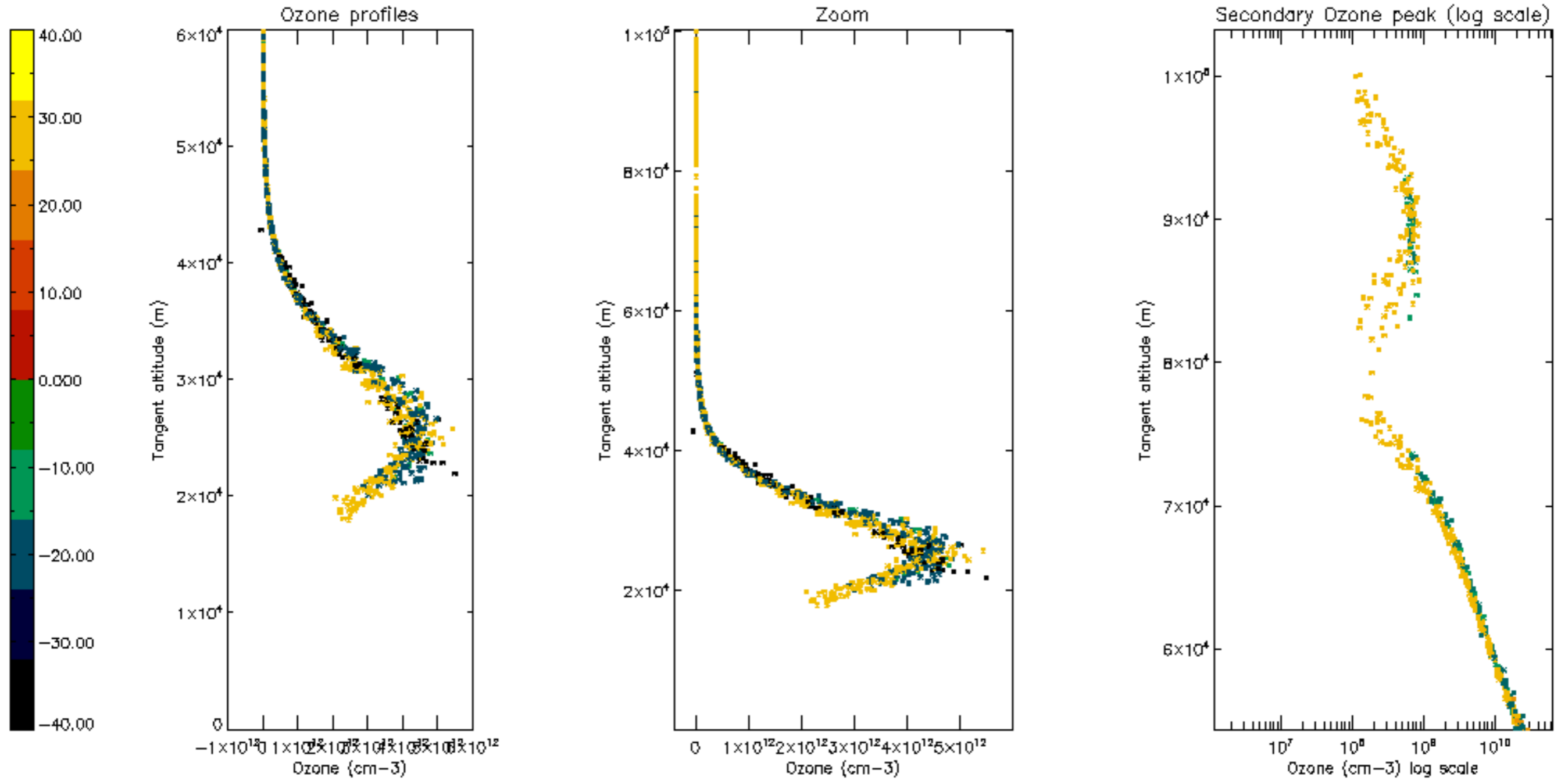


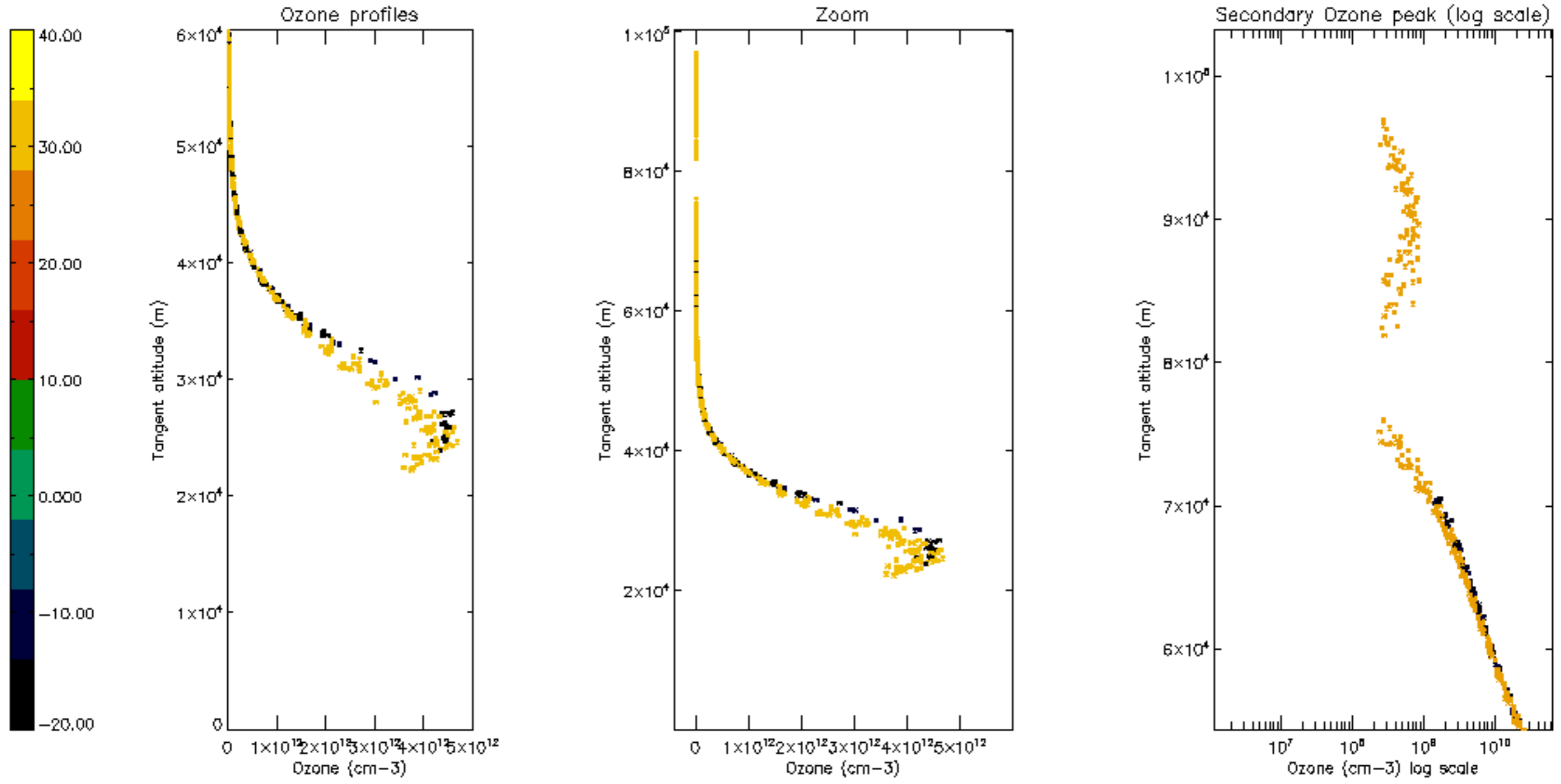
Percentage of saturation errors per profile

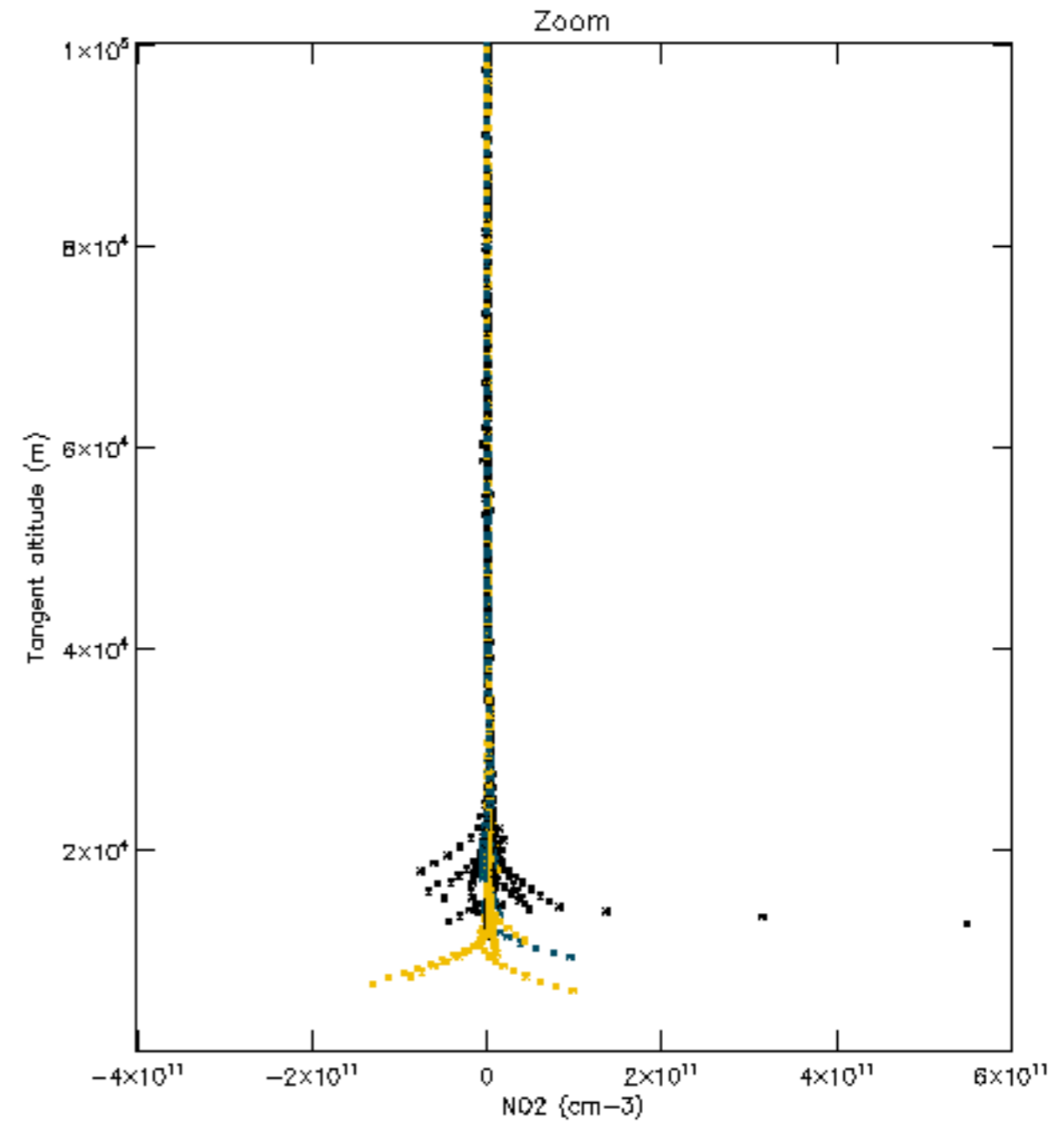
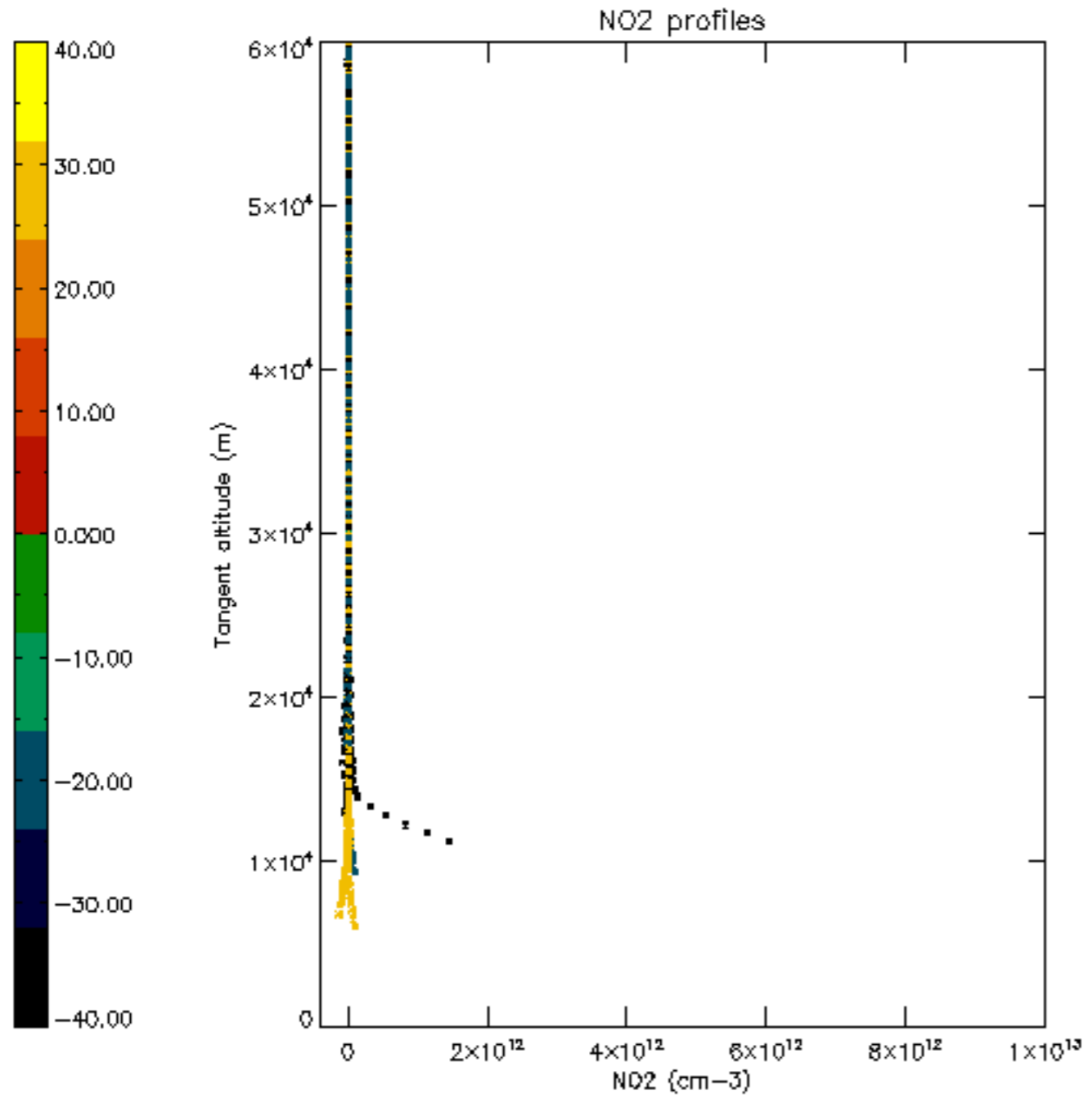


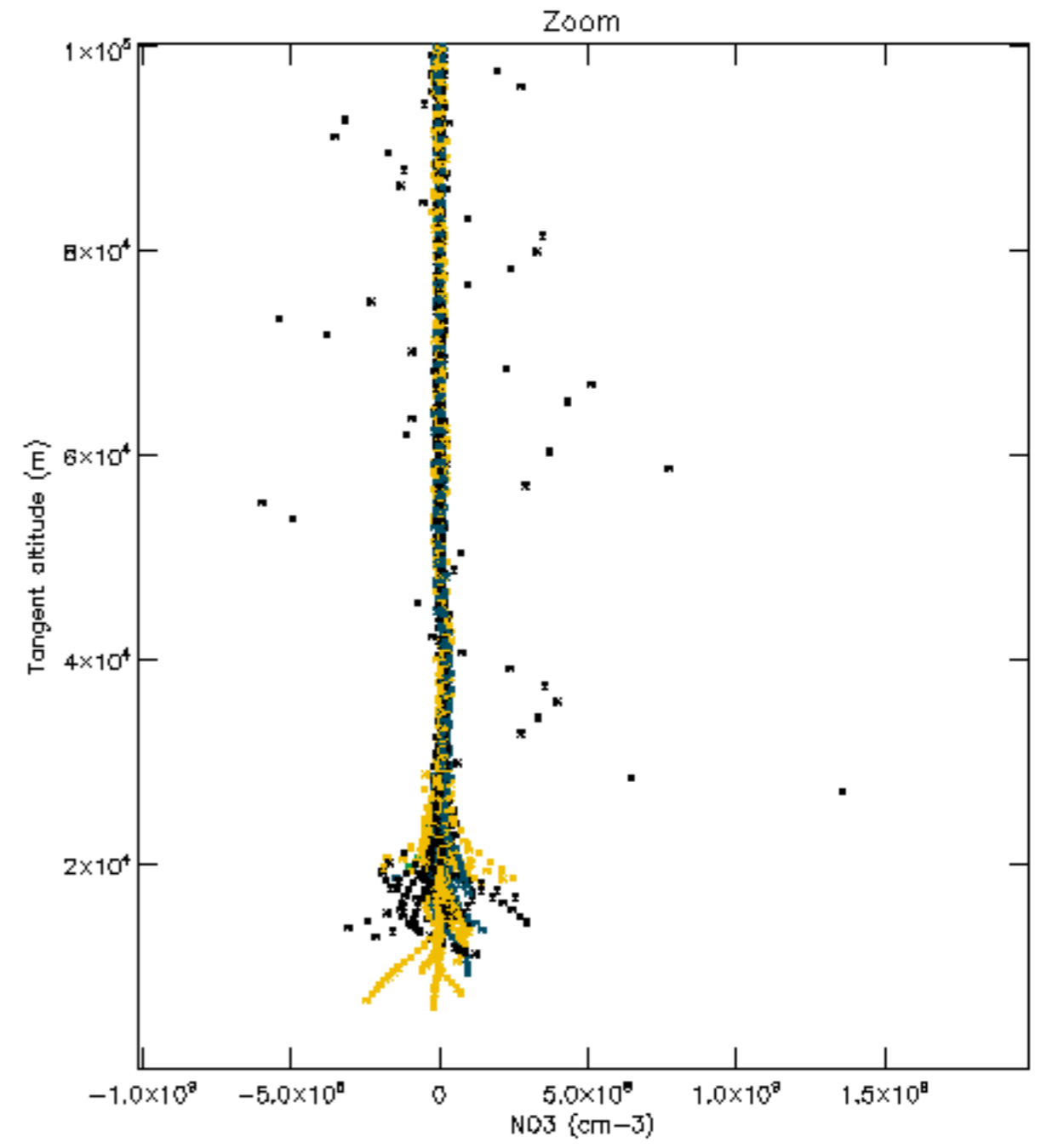
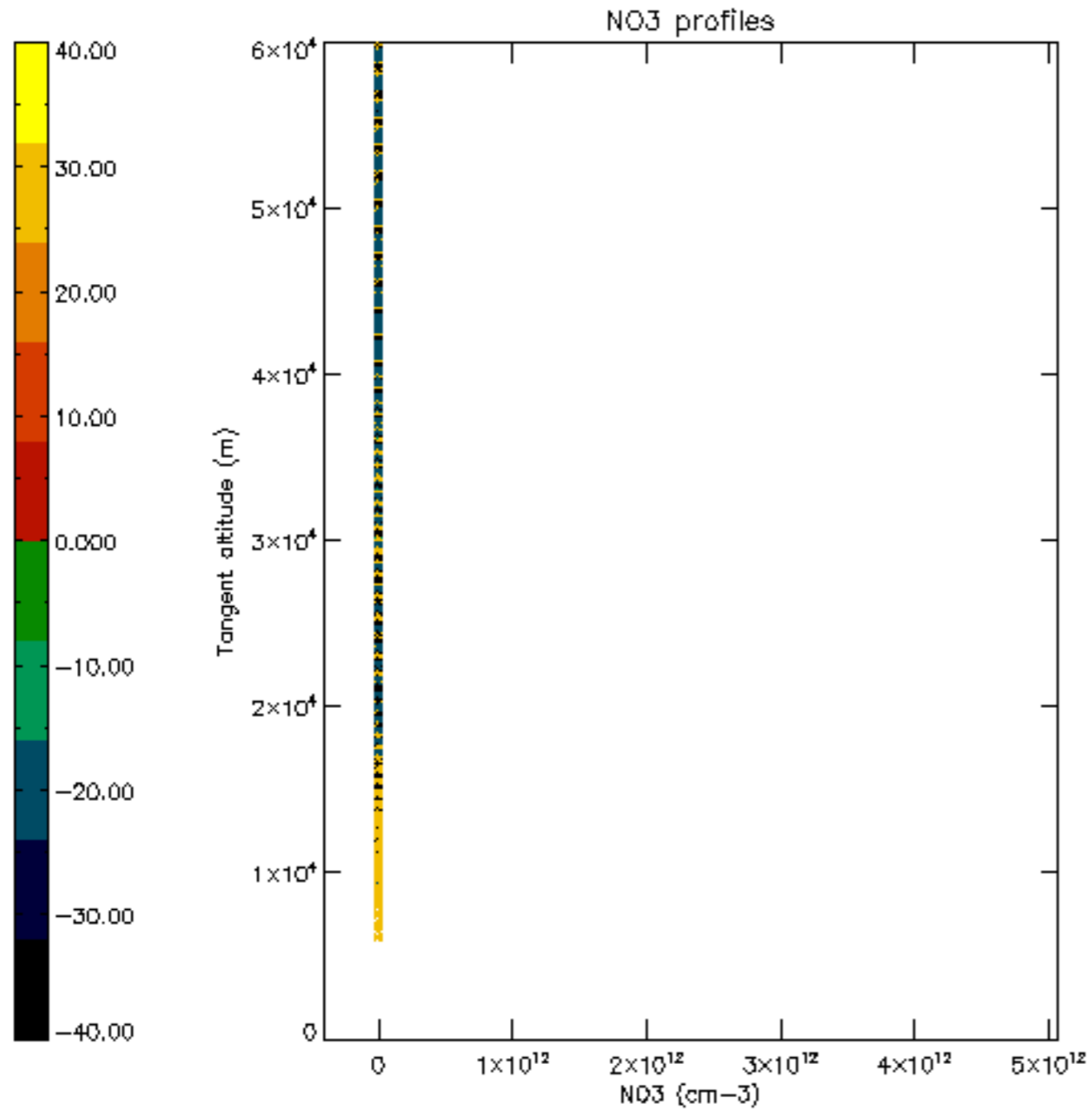


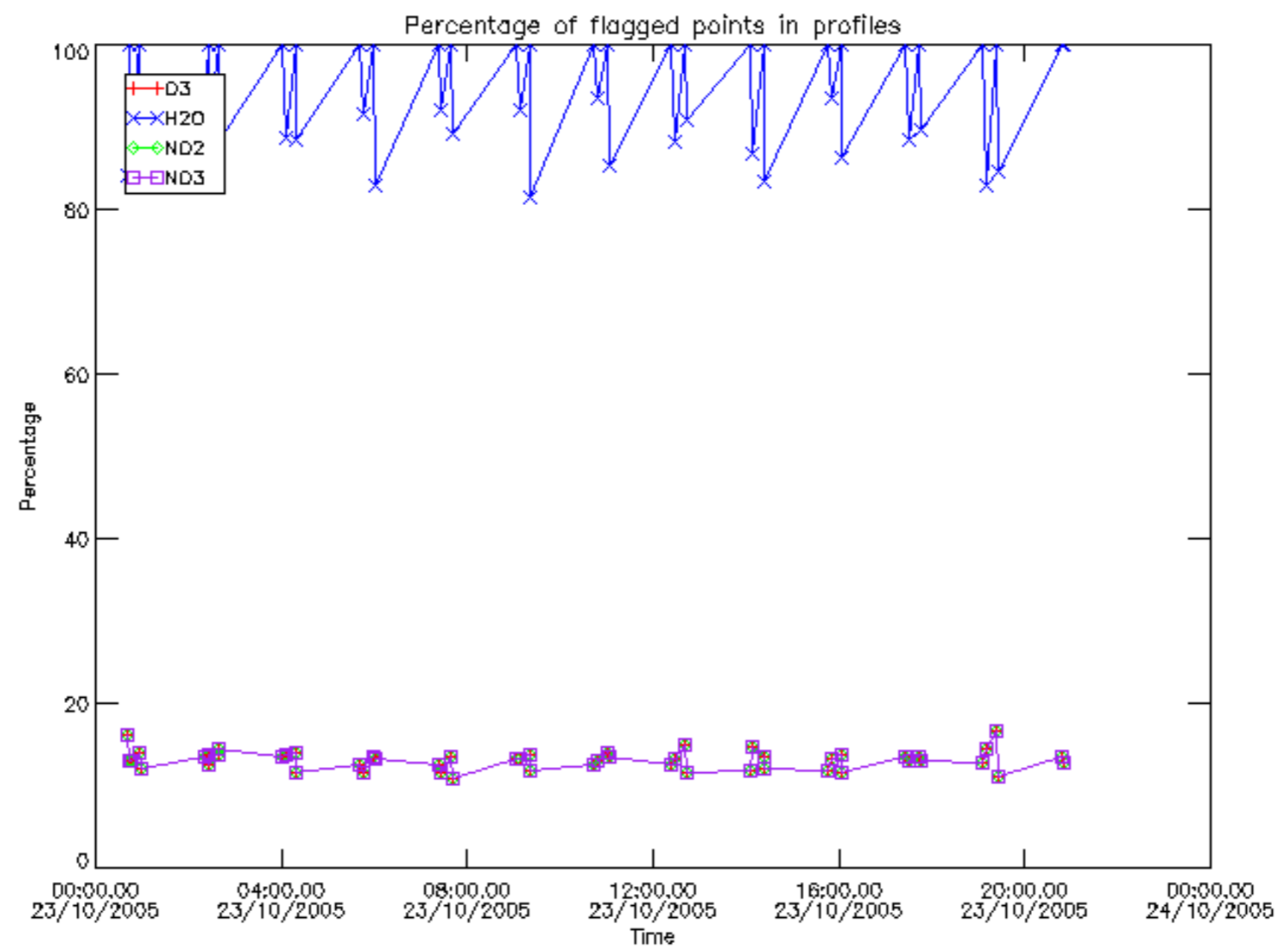




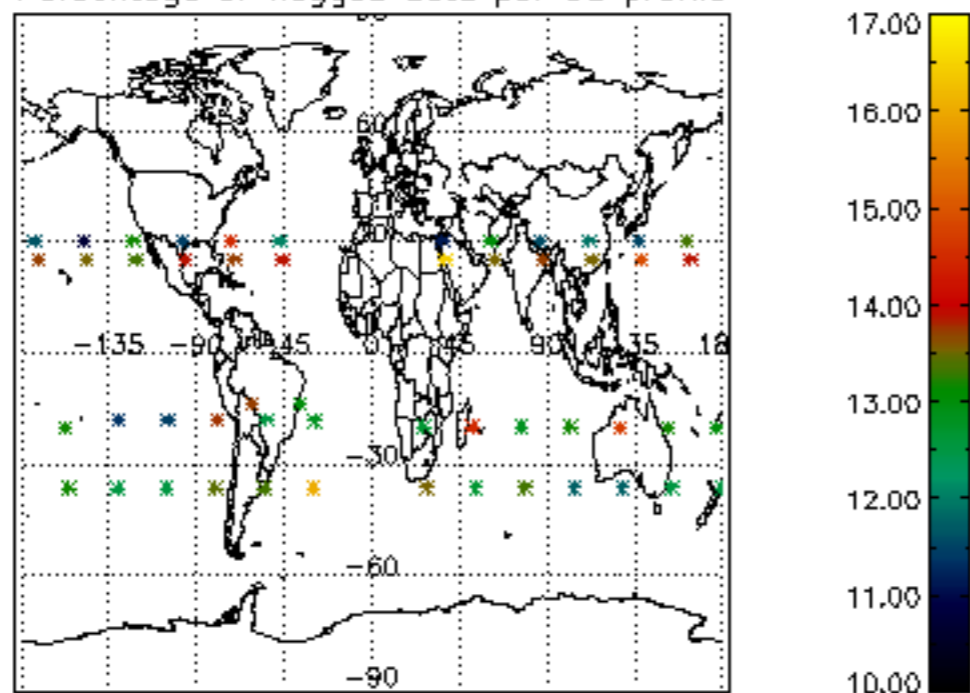




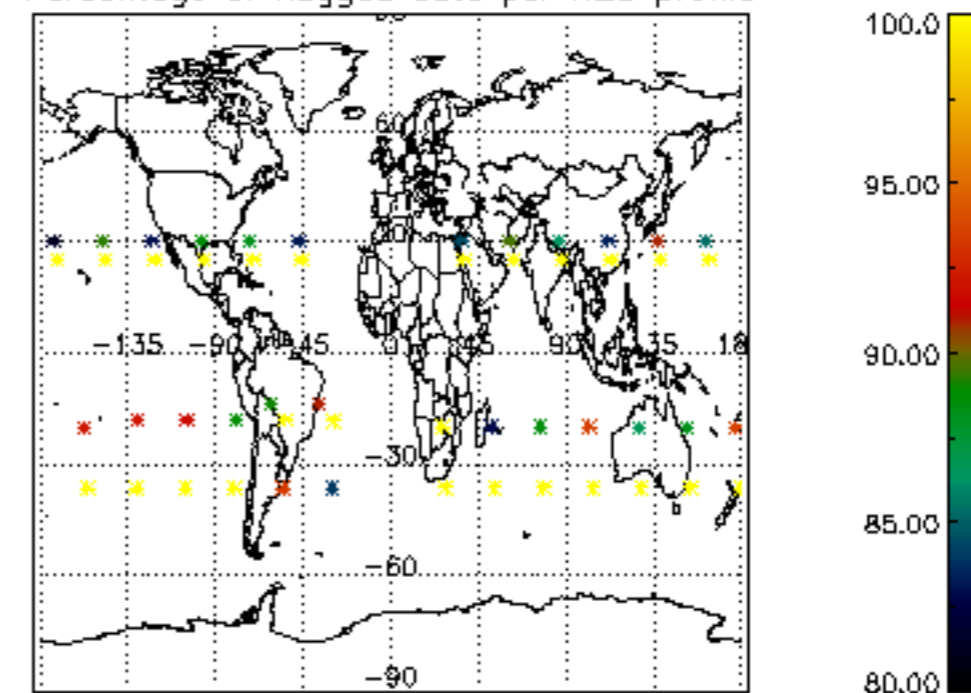




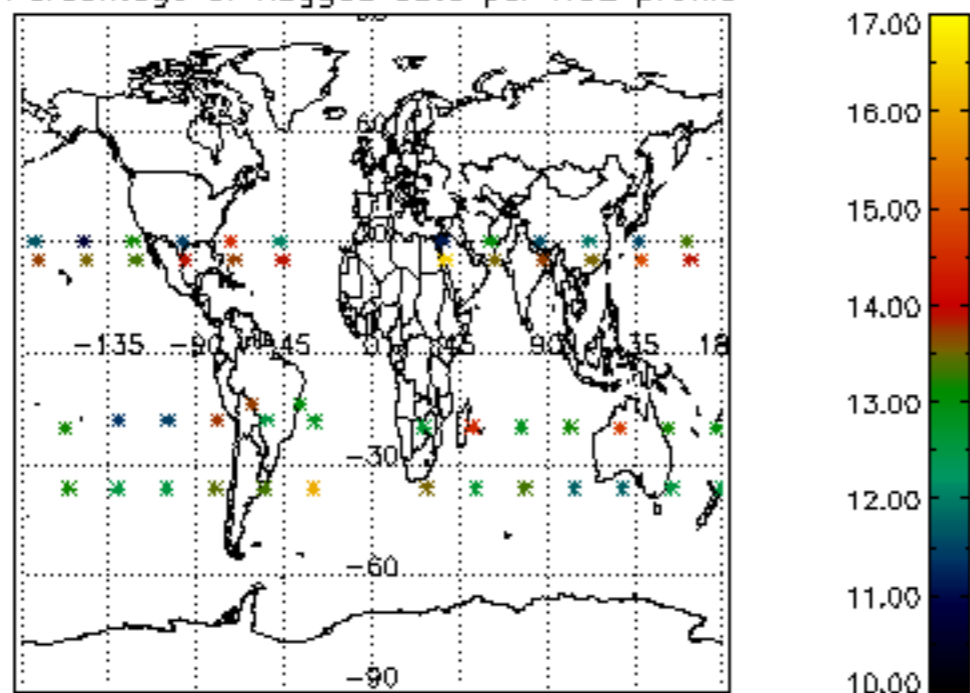
Percentage of flagged data per D3 profile



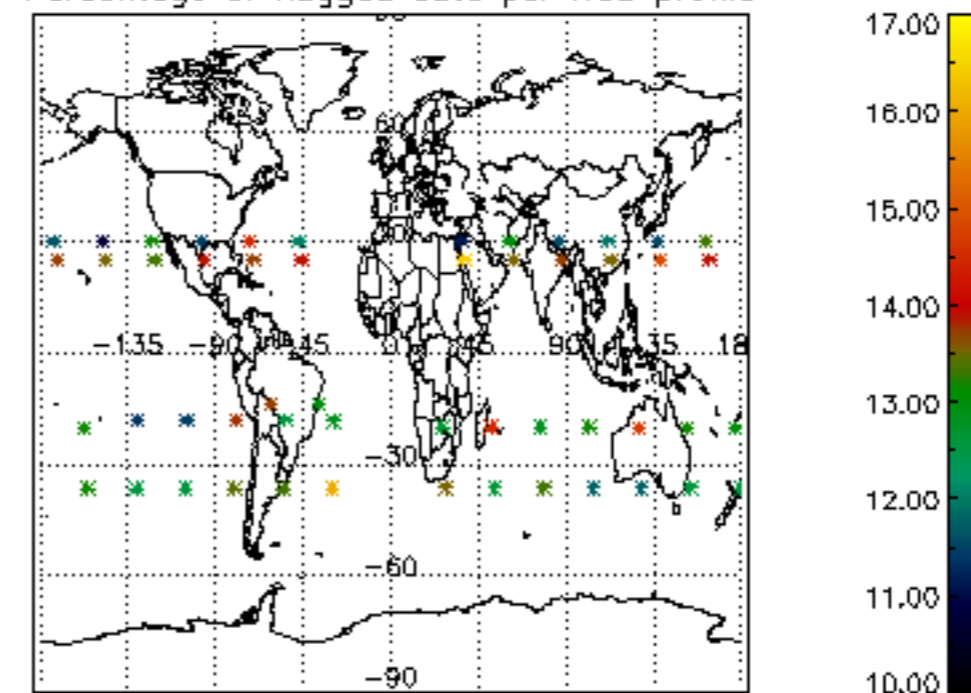
Percentage of flagged data per H2O profile

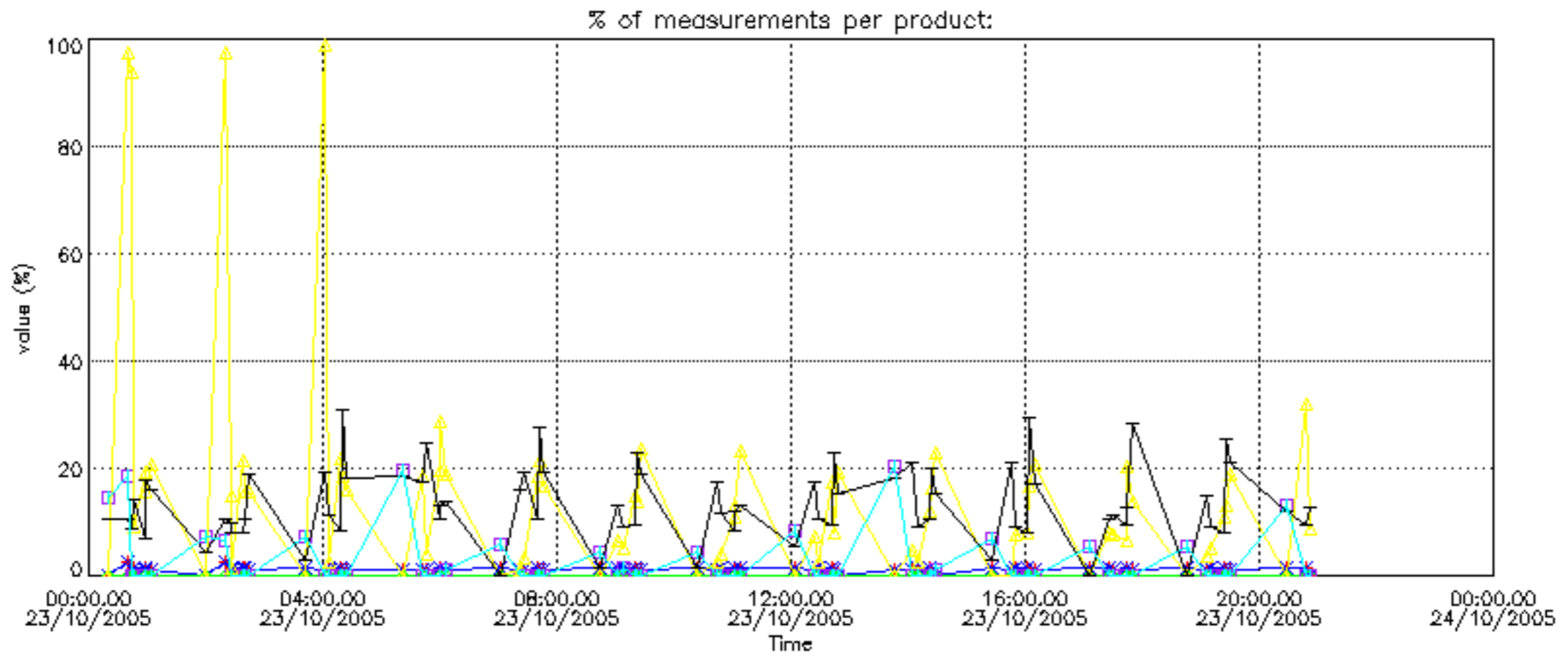


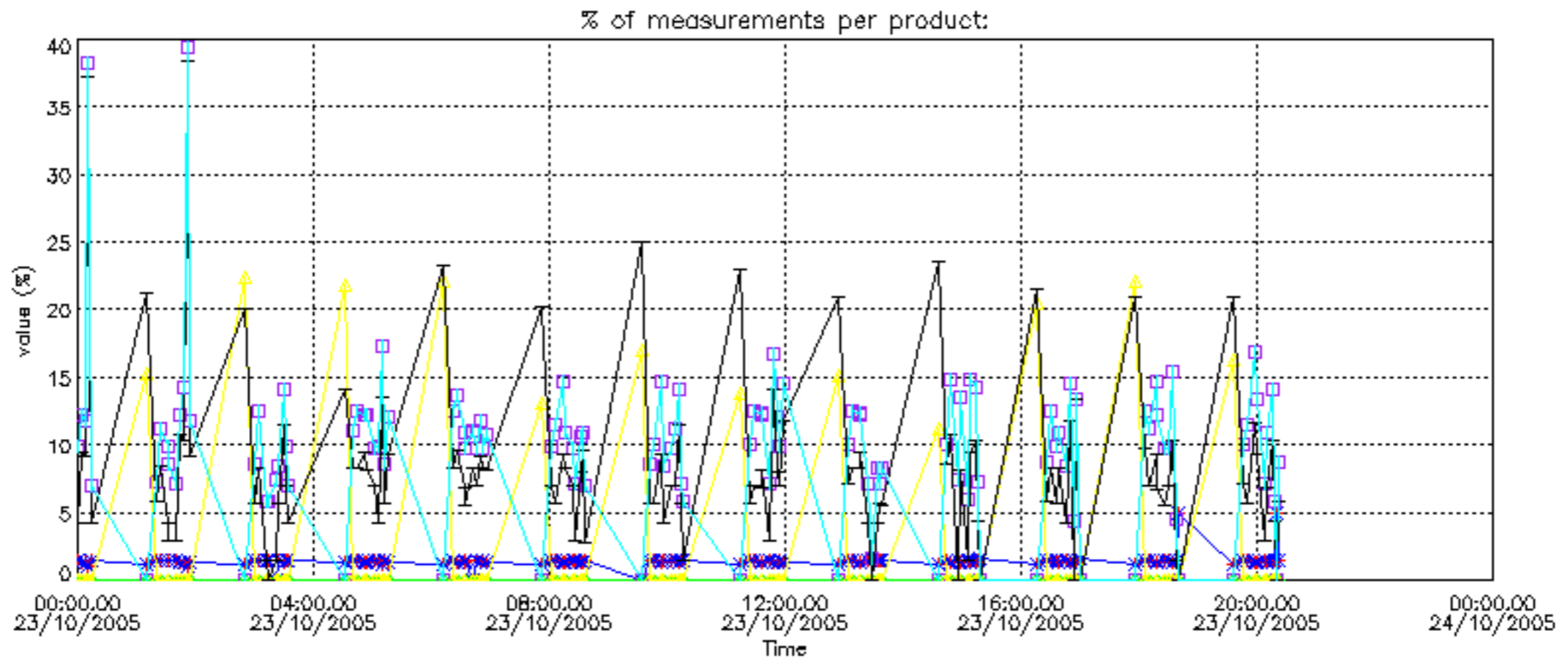
Percentage of flagged data per NO2 profile



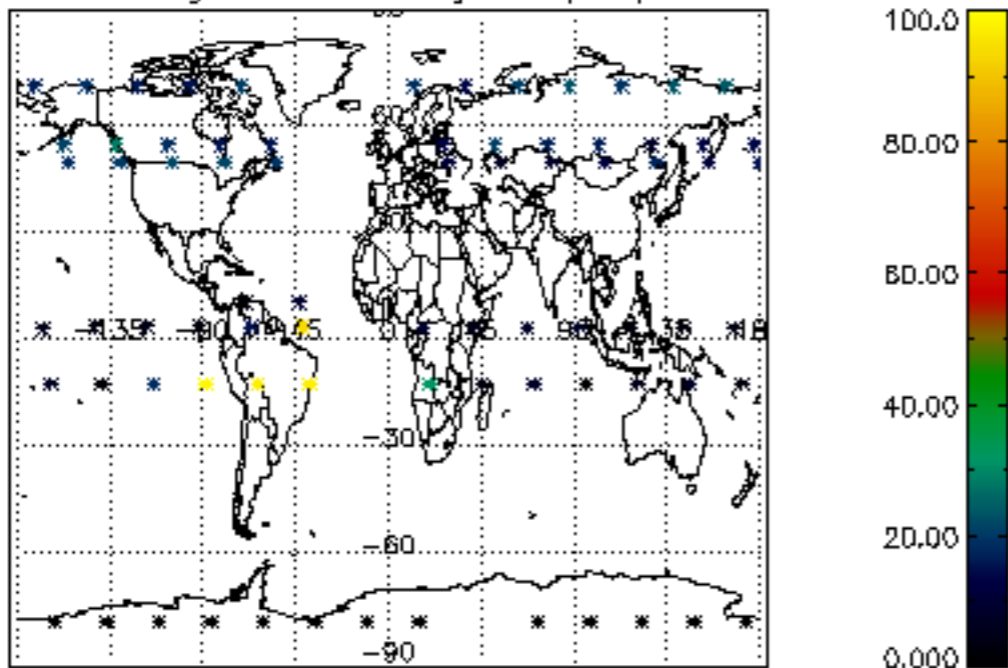
Percentage of flagged data per NO3 profile



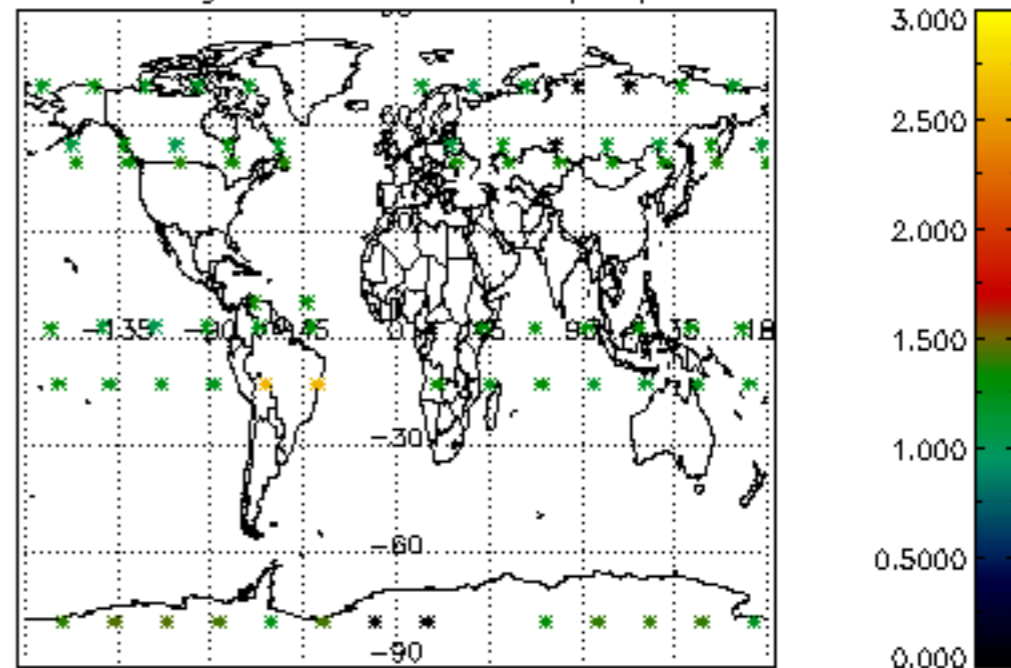




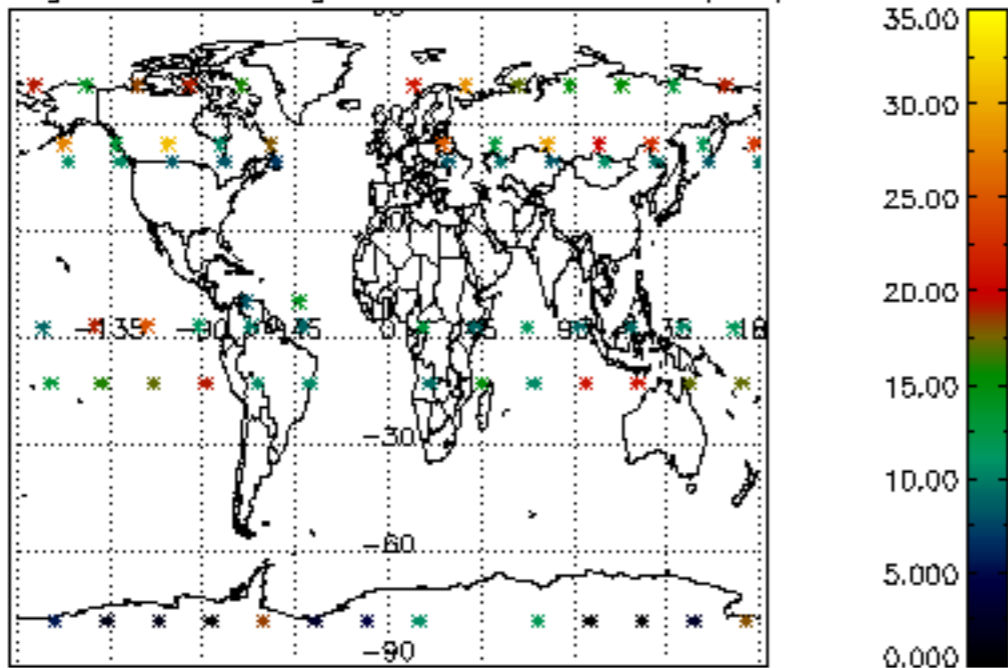
Percentage of cosmic ray hits per profile



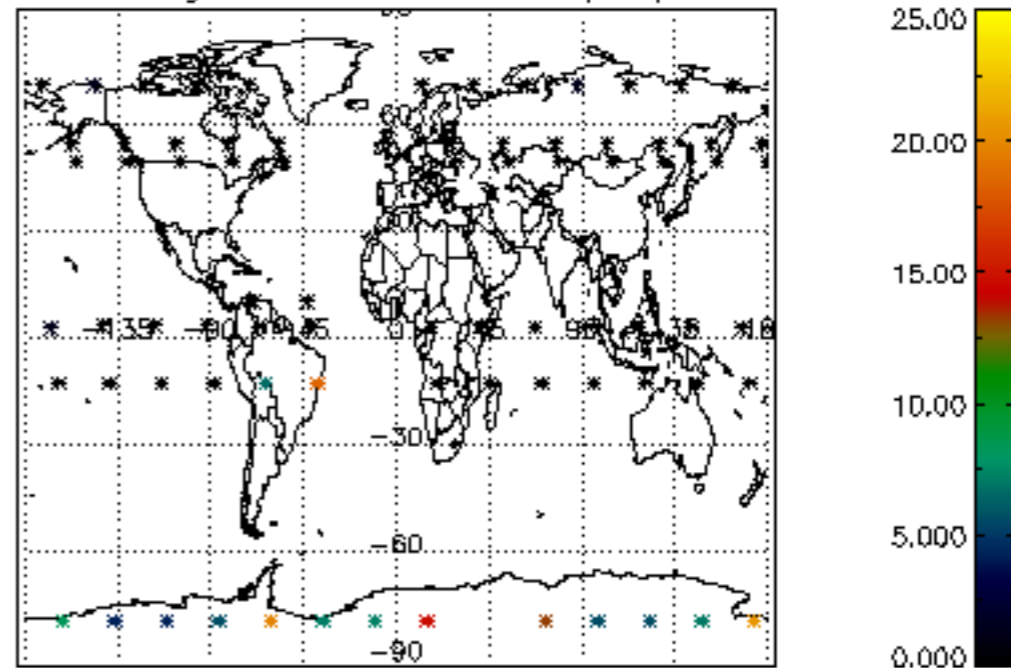
Percentage of datation errors per profile



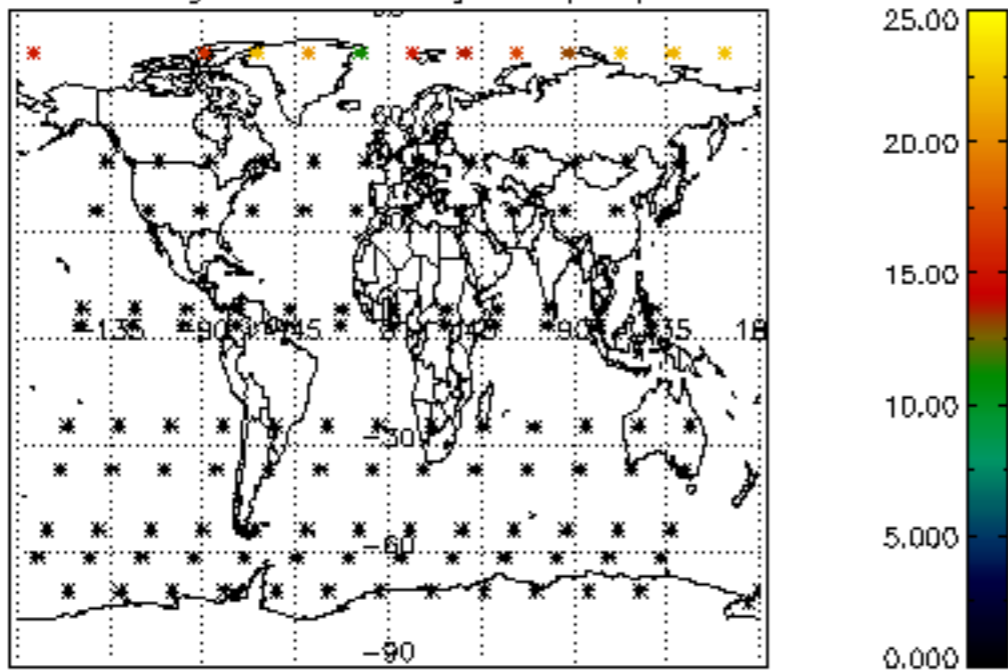
Percentage of star falling outside central band per profile



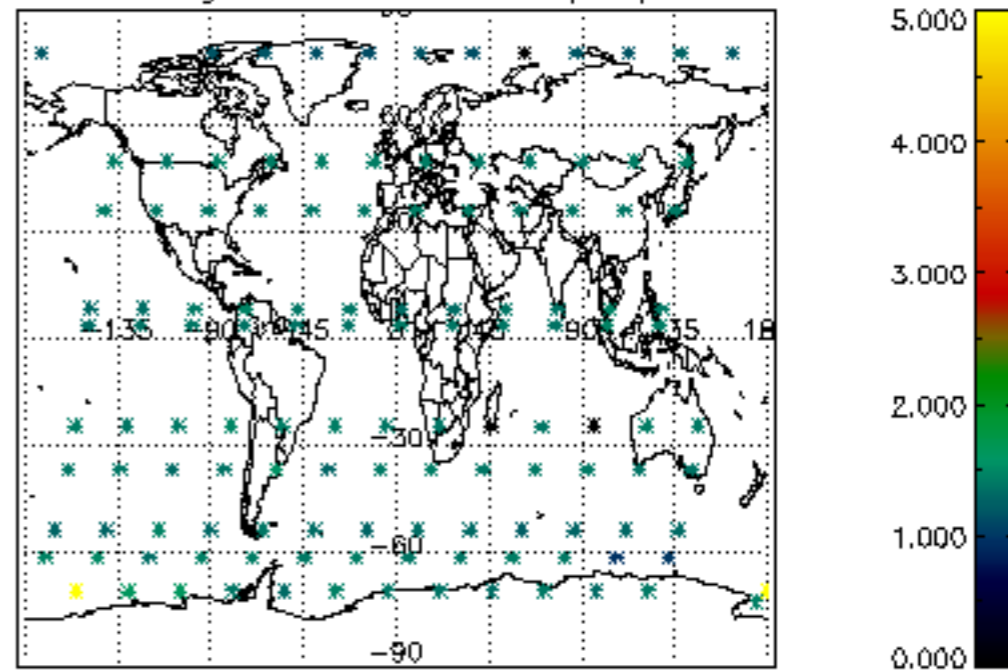
Percentage of saturation errors per profile



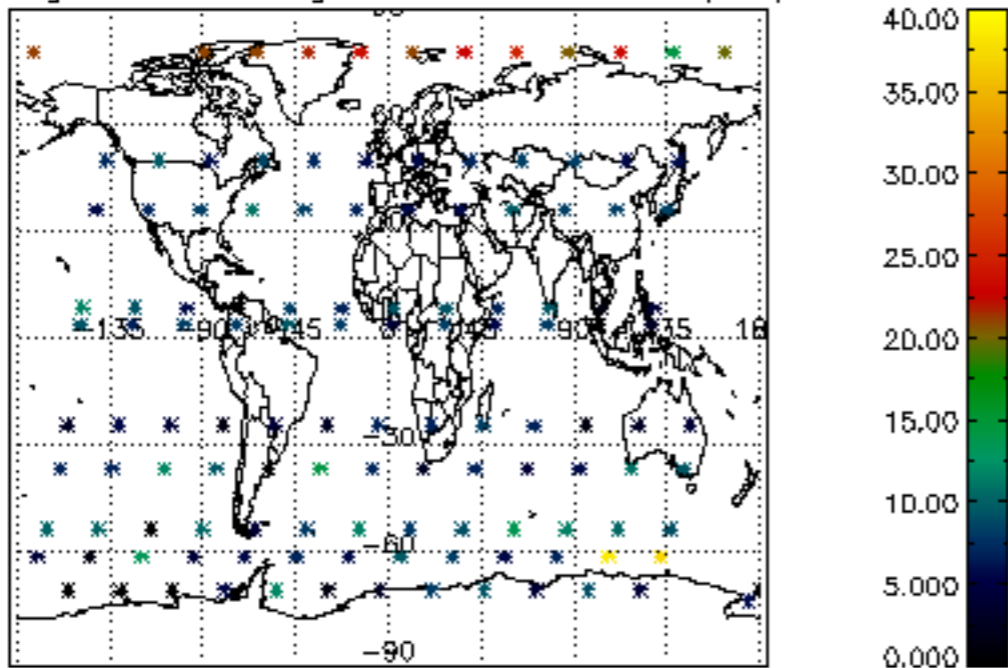
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

