

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 15:42:41
Data source version	GOMOS/6.01
Start time of products	03-06-2008 (03JUN2008 00:00:00)
Stop time of products	04-06-2008 (04JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	324
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__2PRFIN20080603_000152_000000432069_00102_32721_4420.N1	03-JUN-2008 00:01:52	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32721	No
2	GOM_NL__2PRFIN20080603_000955_000000382069_00102_32721_4421.N1	03-JUN-2008 00:09:55	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32721	No
3	GOM_NL__2PRFIN20080603_002009_000000472069_00102_32721_4422.N1	03-JUN-2008 00:20:09	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32721	No
4	GOM_NL__2PRFIN20080603_002525_000000492069_00102_32721_4423.N1	03-JUN-2008 00:25:25	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	32721	No
5	GOM_NL__2PRFIN20080603_003316_000000452069_00102_32721_4424.N1	03-JUN-2008 00:33:16	Bright	44.500	53	43Bet And	2.0480	3300.0	89	32721	No
6	GOM_NL__2PRFIN20080603_003602_000000562069_00102_32721_4425.N1	03-JUN-2008 00:36:02	Twi_and_stray	56.000	58	21Alp And	2.0730	11000.	112	32721	No
7	GOM_NL__2PRFIN20080603_004109_000000542069_00102_32721_4426.N1	03-JUN-2008 00:41:09	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	32721	No
8	GOM_NL__2PRFIN20080603_005012_000000472069_00102_32721_4427.N1	03-JUN-2008 00:50:12	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32721	No
9	GOM_NL__2PRFIN20080603_005652_000000432069_00102_32721_4428.N1	03-JUN-2008 00:56:52	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32721	No
10	GOM_NL__2PRFIN20080603_005916_000000682069_00102_32721_4429.N1	03-JUN-2008 00:59:16	Dark	67.500	18	24Alp PsA	1.1660	9700.0	135	32721	No
11	GOM_NL__2PRFIN20080603_010221_000000502069_00103_32722_4417.N1	03-JUN-2008 01:02:21	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32722	No
12	GOM_NL__2PRFIN20080603_010416_000000482069_00103_32722_4418.N1	03-JUN-2008 01:04:16	Dark	48.000	31	Alp Gru	1.7340	15200.	96	32722	No
13	GOM_NL__2PRFIN20080603_010906_000000432069_00103_32722_4419.N1	03-JUN-2008 01:09:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32722	No
14	GOM_NL__2PRFIN20080603_011624_000000412069_00103_32722_4420.N1	03-JUN-2008 01:16:24	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	32722	No
15	GOM_NL__2PRFIN20080603_011806_000000432069_00103_32722_4421.N1	03-JUN-2008 01:18:06	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32722	No
16	GOM_NL__2PRFIN20080603_011953_000000472069_00103_32722_4422.N1	03-JUN-2008 01:19:53	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32722	No
17	GOM_NL__2PRFIN20080603_012135_000000452069_00103_32722_4423.N1	03-JUN-2008 01:21:35	Twi_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	32722	No
18	GOM_NL__2PRFIN20080603_012336_000000492069_00103_32722_4424.N1	03-JUN-2008 01:23:36	Bright	49.000	136	23Tau Sco	2.8220	30000.	98	32722	No
19	GOM_NL__2PRFIN20080603_012709_000000452069_00103_32722_4425.N1	03-JUN-2008 01:27:09	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	32722	No
20	GOM_NL__2PRFIN20080603_012859_000000582069_00103_32722_4426.N1	03-JUN-2008 01:28:59	Bright	58.000	98	13Zet Oph	2.5710	30000.	116	32722	No
21	GOM_NL__2PRFIN20080603_013109_000000392069_00103_32722_4427.N1	03-JUN-2008 01:31:09	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	32722	No
22	GOM_NL__2PRFIN20080603_013409_000000362069_00103_32722_4428.N1	03-JUN-2008 01:34:09	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	32722	No
23	GOM_NL__2PRFIN20080603_013906_000000422069_00103_32722_4429.N1	03-JUN-2008 01:39:06	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	32722	No
24	GOM_NL__2PRFIN20080603_014228_000000422069_00103_32722_4430.N1	03-JUN-2008 01:42:28	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	32722	No
25	GOM_NL__2PRFIN20080603_015031_000000352069_00103_32722_4431.N1	03-JUN-2008 01:50:31	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	32722	No
26	GOM_NL__2PRFIN20080603_020044_000000462069_00103_32722_4432.N1	03-JUN-2008 02:00:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32722	No
27	GOM_NL__2PRFIN20080603_020601_000000562069_00103_32722_4433.N1	03-JUN-2008 02:06:01	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	32722	No
28	GOM_NL__2PRFIN20080603_021352_000000482069_00103_32722_4434.N1	03-JUN-2008 02:13:52	Bright	48.000	53	43Bet And	2.0480	3300.0	96	32722	No
29	GOM_NL__2PRFIN20080603_021638_000000562069_00103_32722_4435.N1	03-JUN-2008 02:16:38	Twi_and_stray	55.500	58	21Alp And	2.0730	11000.	111	32722	No
30	GOM_NL__2PRFIN20080603_022145_000000542069_00103_32722_4436.N1	03-JUN-2008 02:21:45	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	32722	No
31	GOM_NL__2PRFIN20080603_023049_000000492069_00103_32722_4437.N1	03-JUN-2008 02:30:49	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	32722	No
32	GOM_NL__2PRFIN20080603_023728_000000462069_00103_32722_4438.N1	03-JUN-2008 02:37:28	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32722	No
33	GOM_NL__2PRFIN20080603_023953_000000592069_00103_32722_4439.N1	03-JUN-2008 02:39:53	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	32722	No
34	GOM_NL__2PRFIN20080603_024258_000000572069_00104_32723_4425.N1	03-JUN-2008 02:42:58	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32723	No
35	GOM_NL__2PRFIN20080603_024453_000000472069_00104_32723_4426.N1	03-JUN-2008 02:44:53	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32723	No
36	GOM_NL__2PRFIN20080603_024942_000000422069_00104_32723_4427.N1	03-JUN-2008 02:49:42	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32723	No
37	GOM_NL__2PRFIN20080603_025700_000000392069_00104_32723_4428.N1	03-JUN-2008 02:57:00	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	32723	No
38	GOM_NL__2PRFIN20080603_025842_000000462069_00104_32723_4429.N1	03-JUN-2008 02:58:42	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32723	No
39	GOM_NL__2PRFIN20080603_030029_000000472069_00104_32723_4430.N1	03-JUN-2008 03:00:29	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32723	No
40	GOM_NL__2PRFIN20080603_030212_000000462069_00104_32723_4431.N1	03-JUN-2008 03:02:12	Twi_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32723	No
41	GOM_NL__2PRFIN20080603_030412_000000512069_00104_32723_4432.N1	03-JUN-2008 03:04:12	Bright	50.500	136	23Tau Sco	2.8220	30000.	101	32723	No
42	GOM_NL__2PRFIN20080603_030745_000000452069_00104_32723_4433.N1	03-JUN-2008 03:07:45	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	32723	No







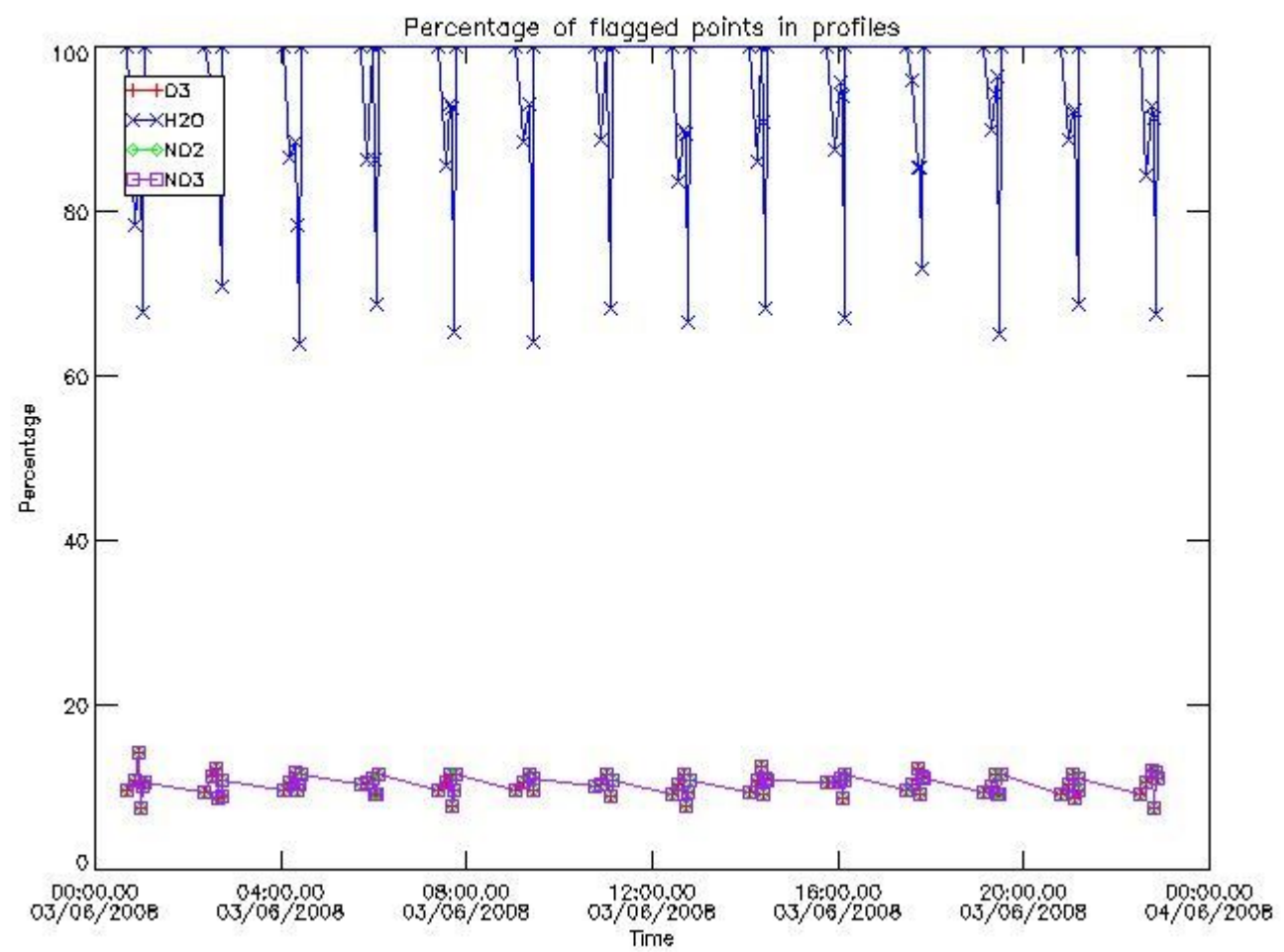


279	GOM_NL__2PRFIN20080603_204029_000000472069_00114_32733_5085.N1	03-JUN-2008 20:40:29	Bright	47.000	53	43Bet And	2.0480	3300.0	94	32733	No
280	GOM_NL__2PRFIN20080603_204316_000000562069_00114_32733_5086.N1	03-JUN-2008 20:43:16	Twilight	56.000	58	21Alp And	2.0730	11000.	112	32733	No
281	GOM_NL__2PRFIN20080603_204827_000000562069_00114_32733_5087.N1	03-JUN-2008 20:48:27	Dark	55.500	140	88Gam Peg	2.8340	26000.	111	32733	No
282	GOM_NL__2PRFIN20080603_205731_000000502069_00114_32733_5088.N1	03-JUN-2008 20:57:31	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	32733	No
283	GOM_NL__2PRFIN20080603_210410_000000452069_00114_32733_5089.N1	03-JUN-2008 21:04:10	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32733	No
284	GOM_NL__2PRFIN20080603_210643_000000712069_00114_32733_5090.N1	03-JUN-2008 21:06:43	Dark	71.000	18	24Alp PsA	1.1660	9700.0	142	32733	No
285	GOM_NL__2PRFIN20080603_210943_000000582069_00115_32734_5077.N1	03-JUN-2008 21:09:43	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32734	No
286	GOM_NL__2PRFIN20080603_211139_000000462069_00115_32734_5078.N1	03-JUN-2008 21:11:39	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32734	No
287	GOM_NL__2PRFIN20080603_211625_000000412069_00115_32734_5079.N1	03-JUN-2008 21:16:25	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32734	No
288	GOM_NL__2PRFIN20080603_212340_000000392069_00115_32734_5080.N1	03-JUN-2008 21:23:40	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	32734	No
289	GOM_NL__2PRFIN20080603_212522_000000462069_00115_32734_5081.N1	03-JUN-2008 21:25:22	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32734	No
290	GOM_NL__2PRFIN20080603_212709_000000472069_00115_32734_5082.N1	03-JUN-2008 21:27:09	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	32734	No
291	GOM_NL__2PRFIN20080603_212850_000000452069_00115_32734_5083.N1	03-JUN-2008 21:28:50	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	32734	No
292	GOM_NL__2PRFIN20080603_213050_000000452069_00115_32734_5084.N1	03-JUN-2008 21:30:50	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	32734	No
293	GOM_NL__2PRFIN20080603_213422_000000432069_00115_32734_5085.N1	03-JUN-2008 21:34:22	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	32734	No
294	GOM_NL__2PRFIN20080603_213611_000000582069_00115_32734_5086.N1	03-JUN-2008 21:36:11	Bright	58.000	98	13Zet Oph	2.5710	30000.	116	32734	No
295	GOM_NL__2PRFIN20080603_213820_000000392069_00115_32734_5087.N1	03-JUN-2008 21:38:20	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	32734	No
296	GOM_NL__2PRFIN20080603_214121_000000362069_00115_32734_5088.N1	03-JUN-2008 21:41:21	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	32734	No
297	GOM_NL__2PRFIN20080603_214614_000000402069_00115_32734_5089.N1	03-JUN-2008 21:46:14	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	32734	No
298	GOM_NL__2PRFIN20080603_214934_000000422069_00115_32734_5090.N1	03-JUN-2008 21:49:34	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	32734	No
299	GOM_NL__2PRFIN20080603_215655_000000442069_00115_32734_5091.N1	03-JUN-2008 21:56:55	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	32734	No
300	GOM_NL__2PRFIN20080603_220748_000000472069_00115_32734_5092.N1	03-JUN-2008 22:07:48	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32734	No
301	GOM_NL__2PRFIN20080603_221311_000000362069_00115_32734_5093.N1	03-JUN-2008 22:13:11	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	32734	No
302	GOM_NL__2PRFIN20080603_222105_000000472069_00115_32734_5094.N1	03-JUN-2008 22:21:05	Bright	46.500	53	43Bet And	2.0480	3300.0	93	32734	No
303	GOM_NL__2PRFIN20080603_222352_000000592069_00115_32734_5095.N1	03-JUN-2008 22:23:52	Twilight	58.500	58	21Alp And	2.0730	11000.	117	32734	No
304	GOM_NL__2PRFIN20080603_222904_000000552069_00115_32734_5096.N1	03-JUN-2008 22:29:04	Dark	55.000	140	88Gam Peg	2.8340	26000.	110	32734	No
305	GOM_NL__2PRFIN20080603_223808_000000482069_00115_32734_5097.N1	03-JUN-2008 22:38:08	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32734	No
306	GOM_NL__2PRFIN20080603_224447_000000432069_00115_32734_5098.N1	03-JUN-2008 22:44:47	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	32734	No
307	GOM_NL__2PRFIN20080603_224720_000000692069_00115_32734_5099.N1	03-JUN-2008 22:47:20	Dark	69.000	18	24Alp PsA	1.1660	9700.0	138	32734	No
308	GOM_NL__2PRFIN20080603_225019_000000612069_00116_32735_5092.N1	03-JUN-2008 22:50:19	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	32735	No
309	GOM_NL__2PRFIN20080603_225216_000000462069_00116_32735_5093.N1	03-JUN-2008 22:52:16	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32735	No
310	GOM_NL__2PRFIN20080603_225702_000000432069_00116_32735_5094.N1	03-JUN-2008 22:57:02	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32735	No
311	GOM_NL__2PRFIN20080603_230416_000000422069_00116_32735_5095.N1	03-JUN-2008 23:04:16	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	32735	No
312	GOM_NL__2PRFIN20080603_230558_000000462069_00116_32735_5096.N1	03-JUN-2008 23:05:58	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32735	No
313	GOM_NL__2PRFIN20080603_230745_000000462069_00116_32735_5097.N1	03-JUN-2008 23:07:45	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	32735	No
314	GOM_NL__2PRFIN20080603_230926_000000462069_00116_32735_5098.N1	03-JUN-2008 23:09:26	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	32735	No
315	GOM_NL__2PRFIN20080603_231126_000000452069_00116_32735_5099.N1	03-JUN-2008 23:11:26	Bright	44.500	136	23Tau Sco	2.8220	30000.	89	32735	No
316	GOM_NL__2PRFIN20080603_231458_000000442069_00116_32735_5100.N1	03-JUN-2008 23:14:58	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	32735	No
317	GOM_NL__2PRFIN20080603_231647_000000402069_00116_32735_5101.N1	03-JUN-2008 23:16:47	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	32735	No
318	GOM_NL__2PRFIN20080603_231856_000000392069_00116_32735_5102.N1	03-JUN-2008 23:18:56	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	32735	No
319	GOM_NL__2PRFIN20080603_232157_000000362069_00116_32735_5103.N1	03-JUN-2008 23:21:57	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	32735	No
320	GOM_NL__2PRFIN20080603_232649_000000422069_00116_32735_5104.N1	03-JUN-2008 23:26:49	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	32735	No
321	GOM_NL__2PRFIN20080603_233010_000000432069_00116_32735_5105.N1	03-JUN-2008 23:30:10	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32735	No
322	GOM_NL__2PRFIN20080603_233731_000000442069_00116_32735_5106.N1	03-JUN-2008 23:37:31	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	32735	No
323	GOM_NL__2PRFIN20080603_234823_000000462069_00116_32735_5107.N1	03-JUN-2008 23:48:23	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32735	No
324	GOM_NL__2PRFIN20080603_235346_000000562069_00116_32735_5108.N1	03-JUN-2008 23:53:46	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	32735	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.

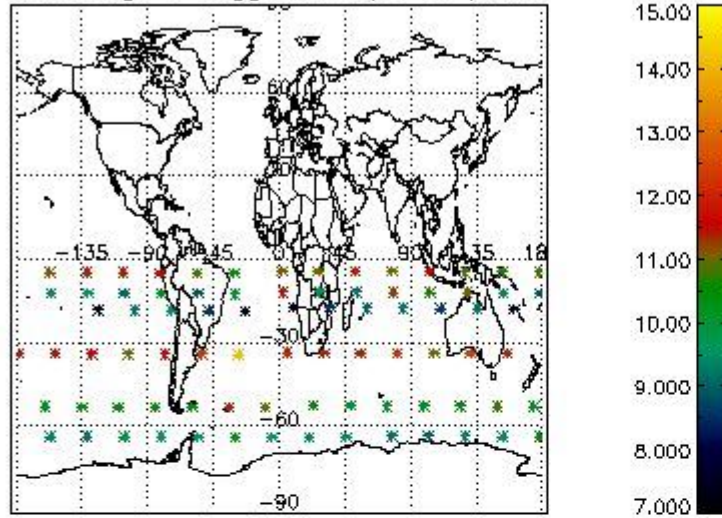
#### 3.1 Plot quality information per product (time dependant)



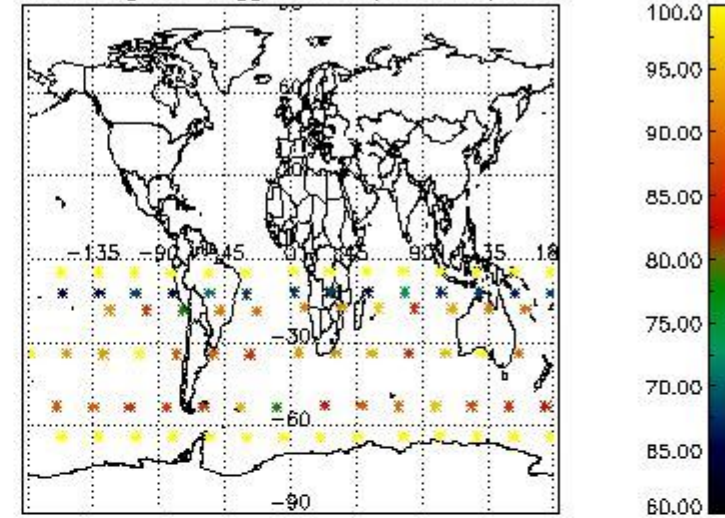
*3.2 Plot quality information per product (world map)*



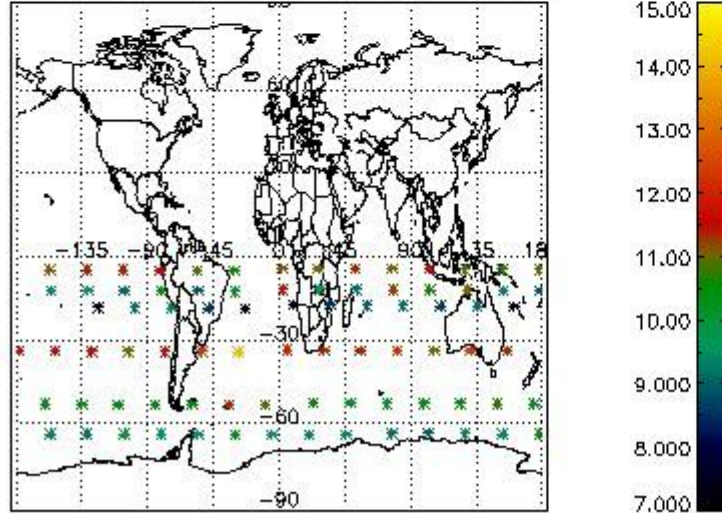
Percentage of flagged data per O3 profile



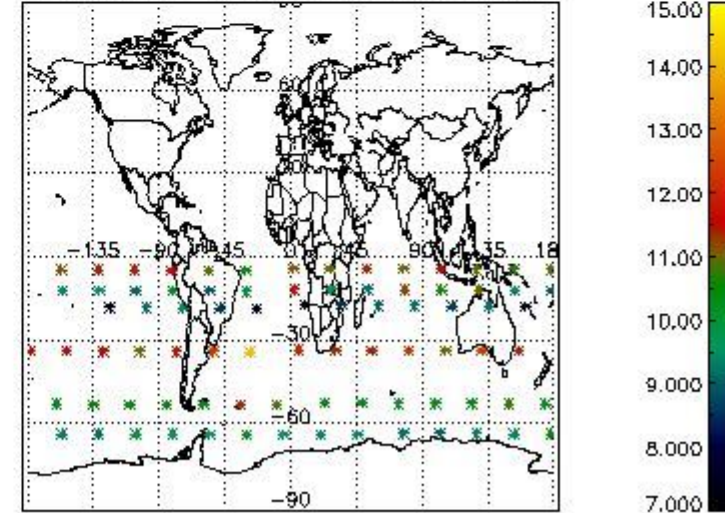
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

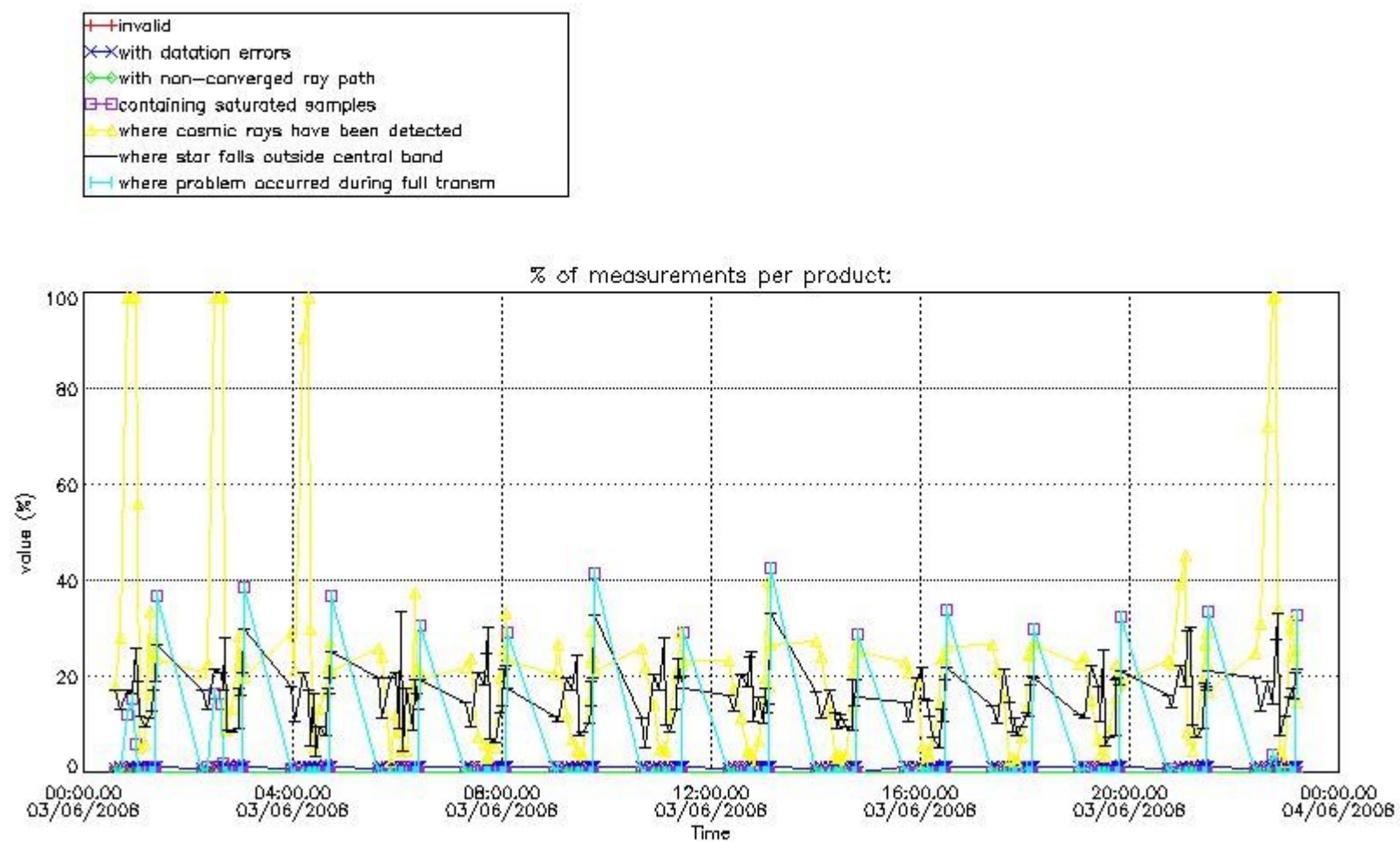


#### 4. Level 1 quality information per product

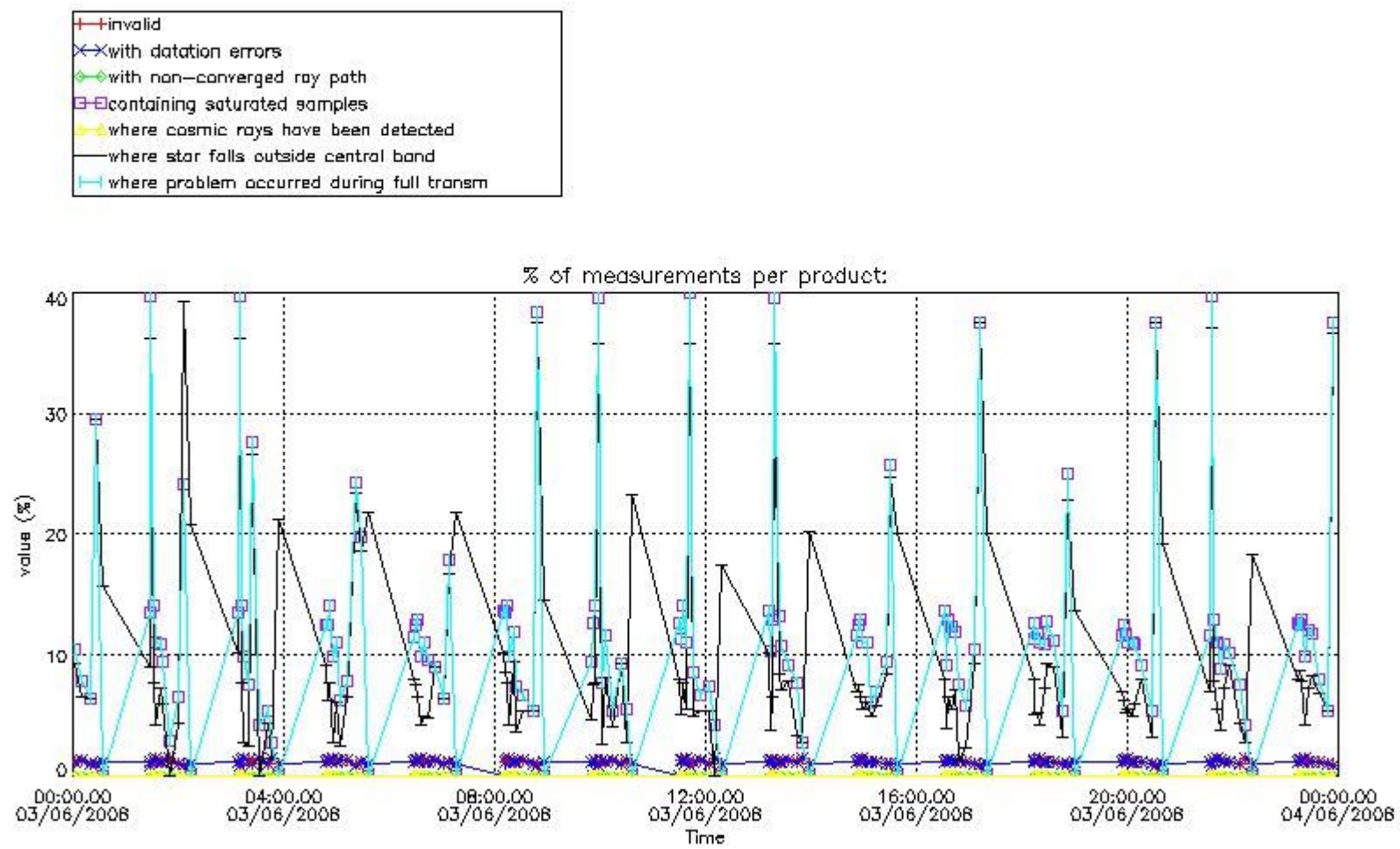
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

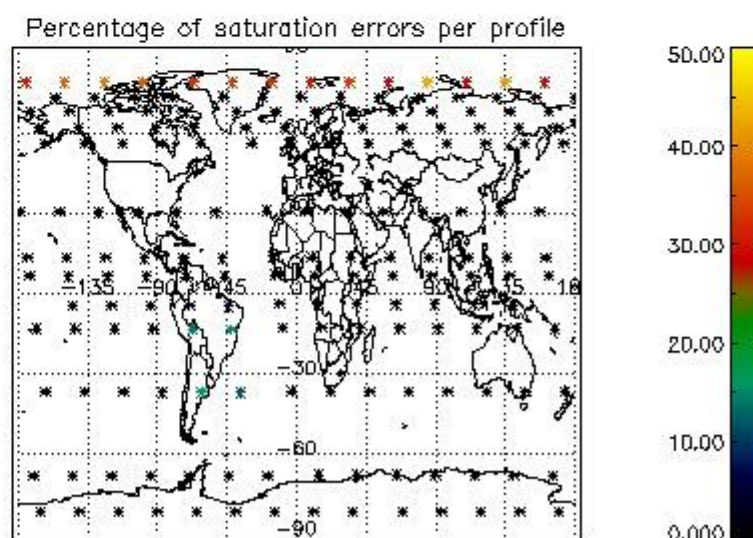
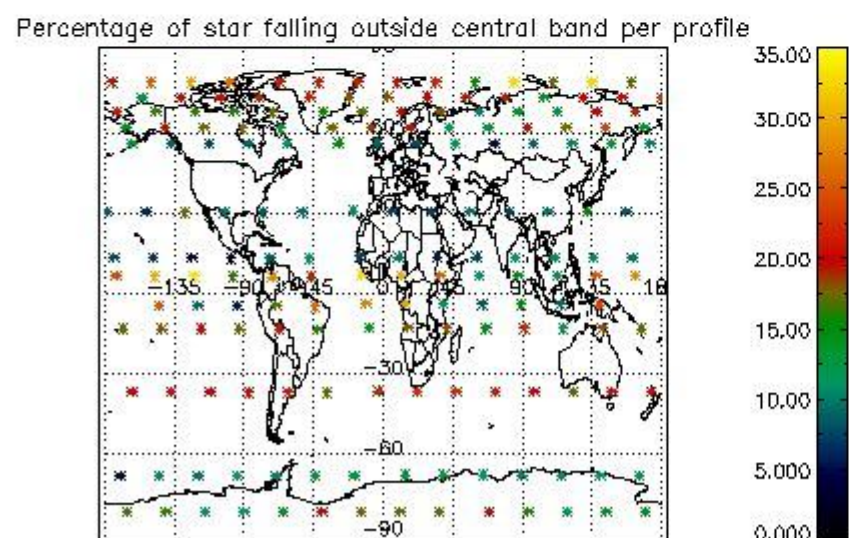
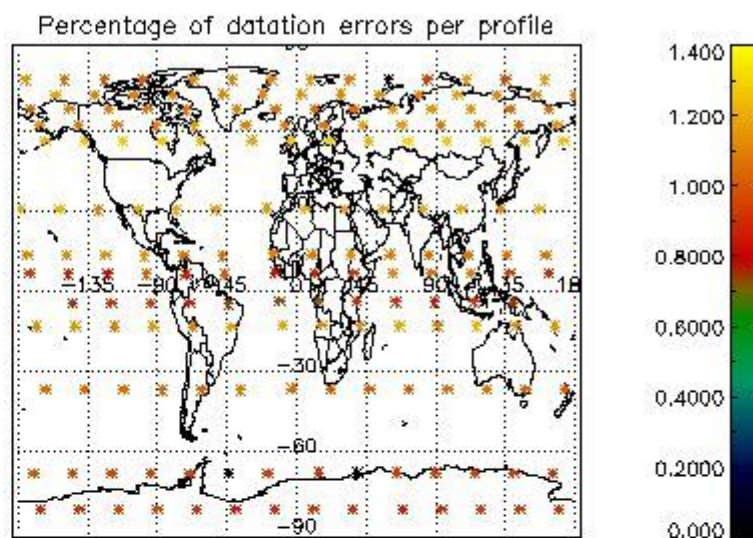
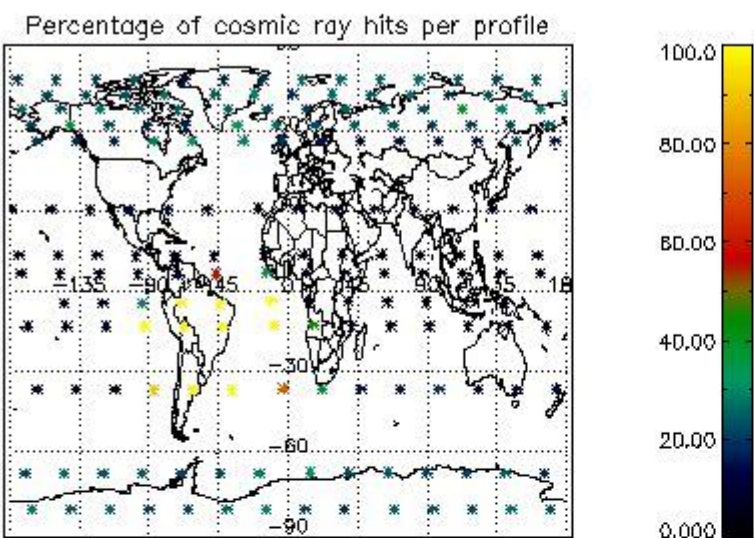


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

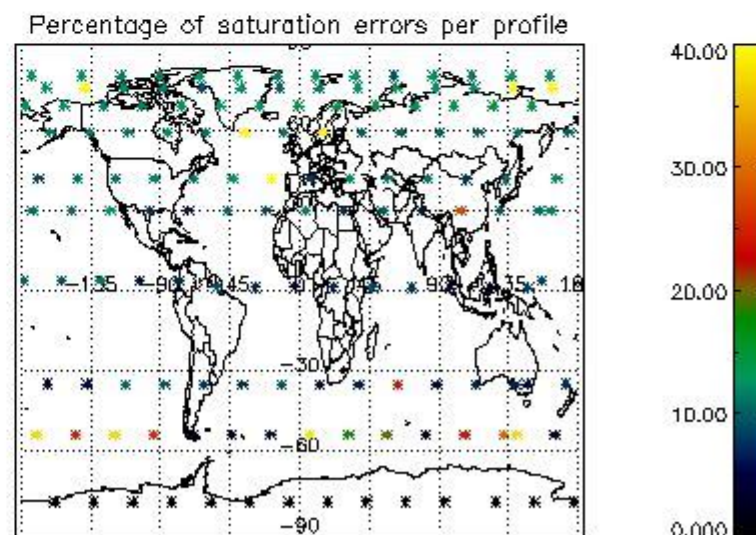
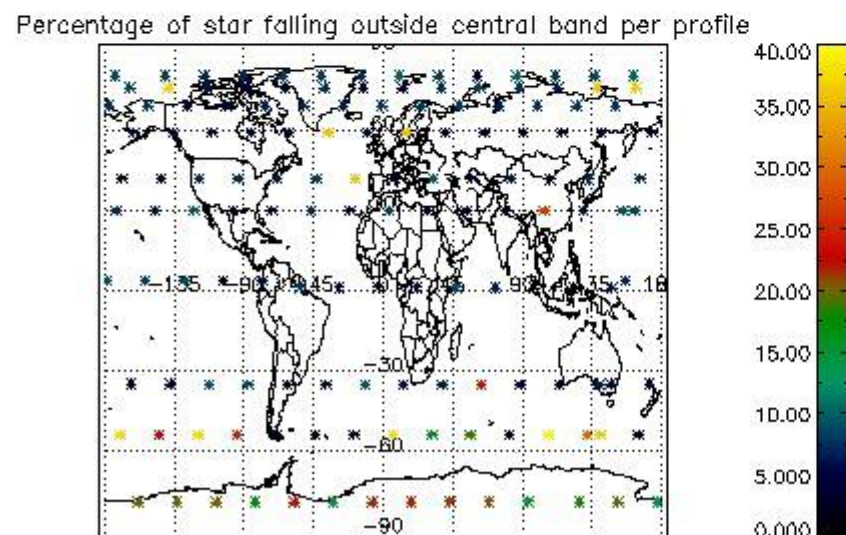
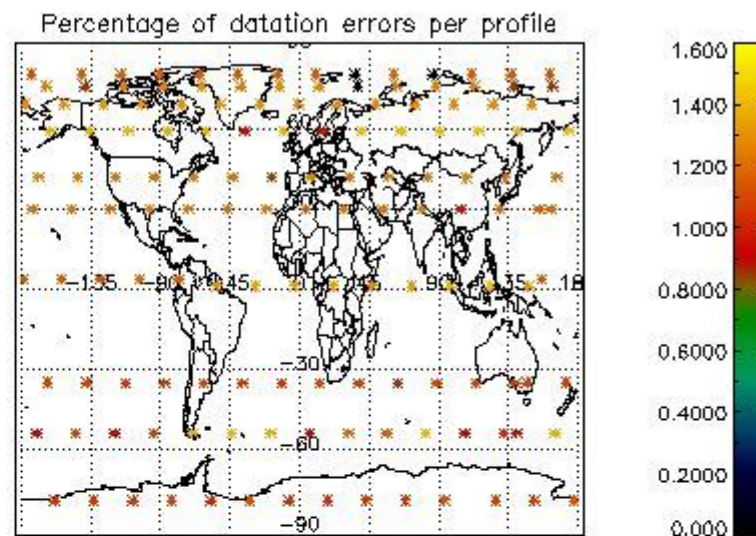
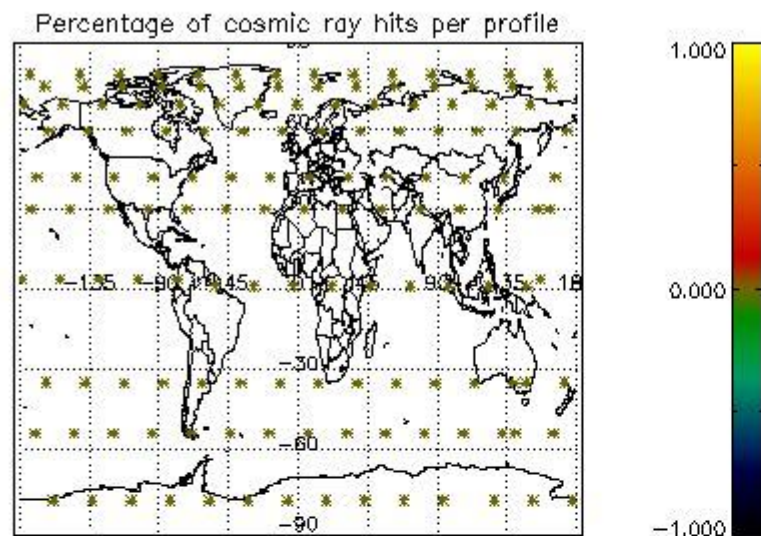


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 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

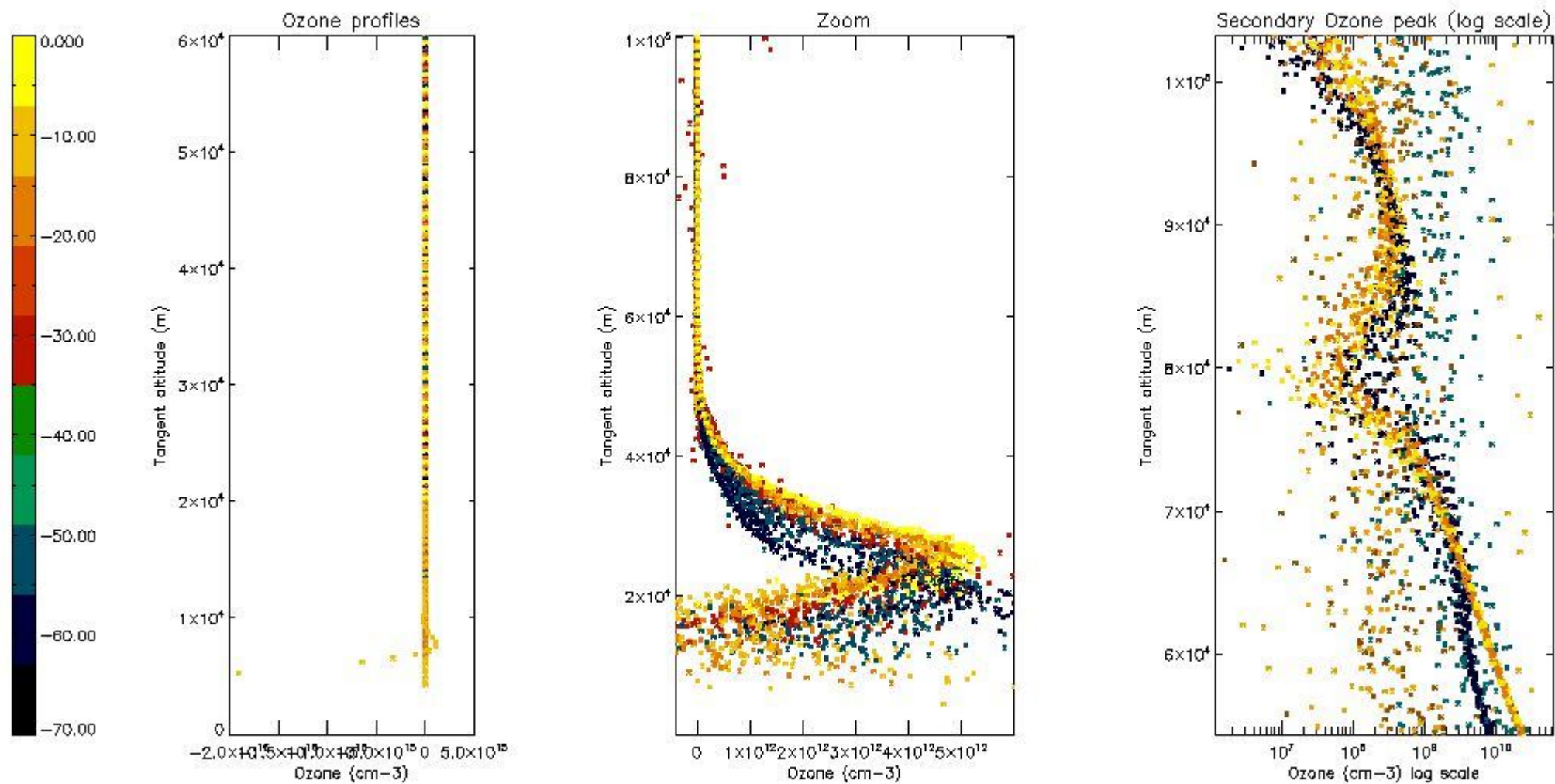
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	14

STD < 10	10
STD < 5	7

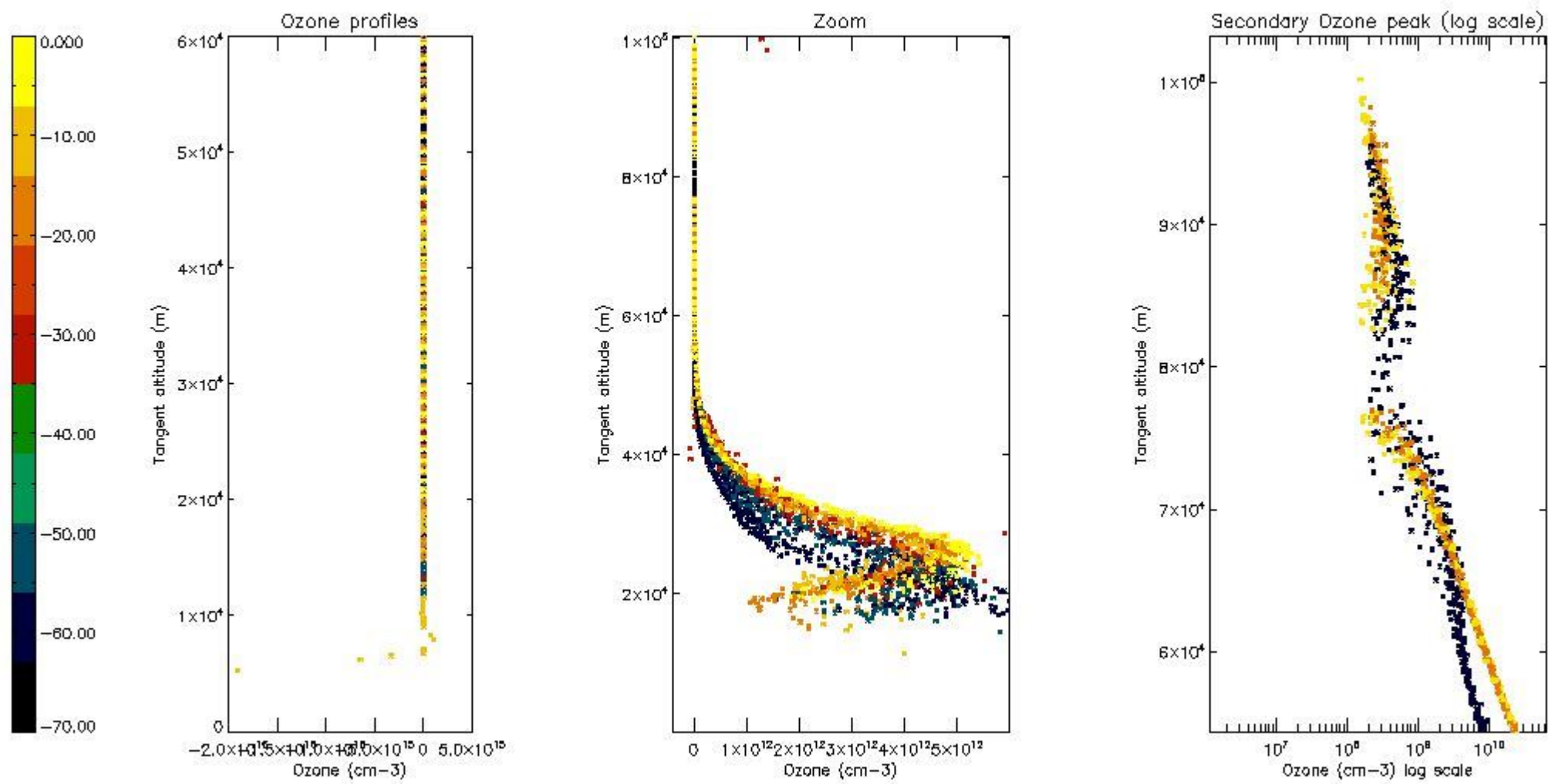
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



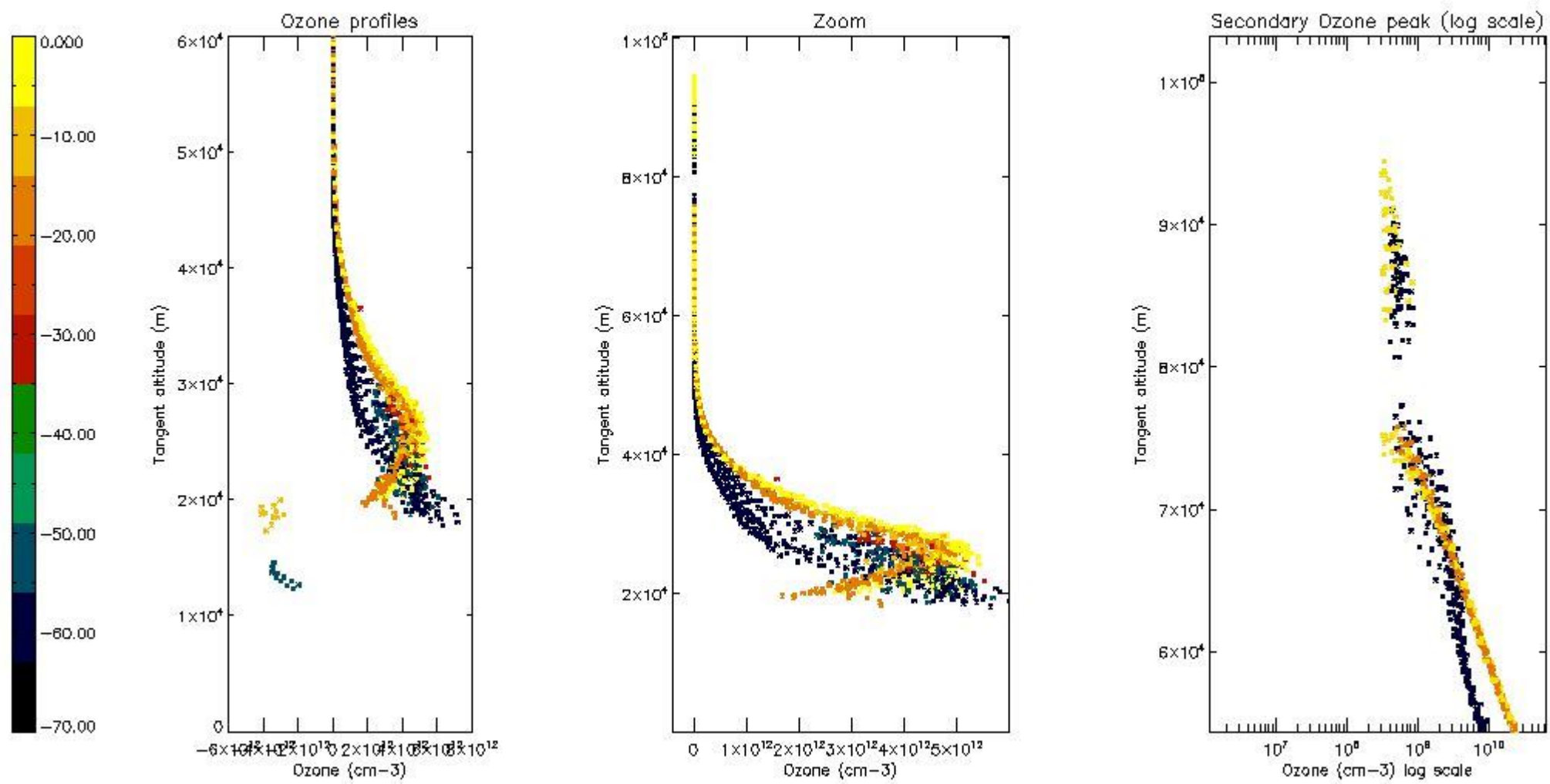
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

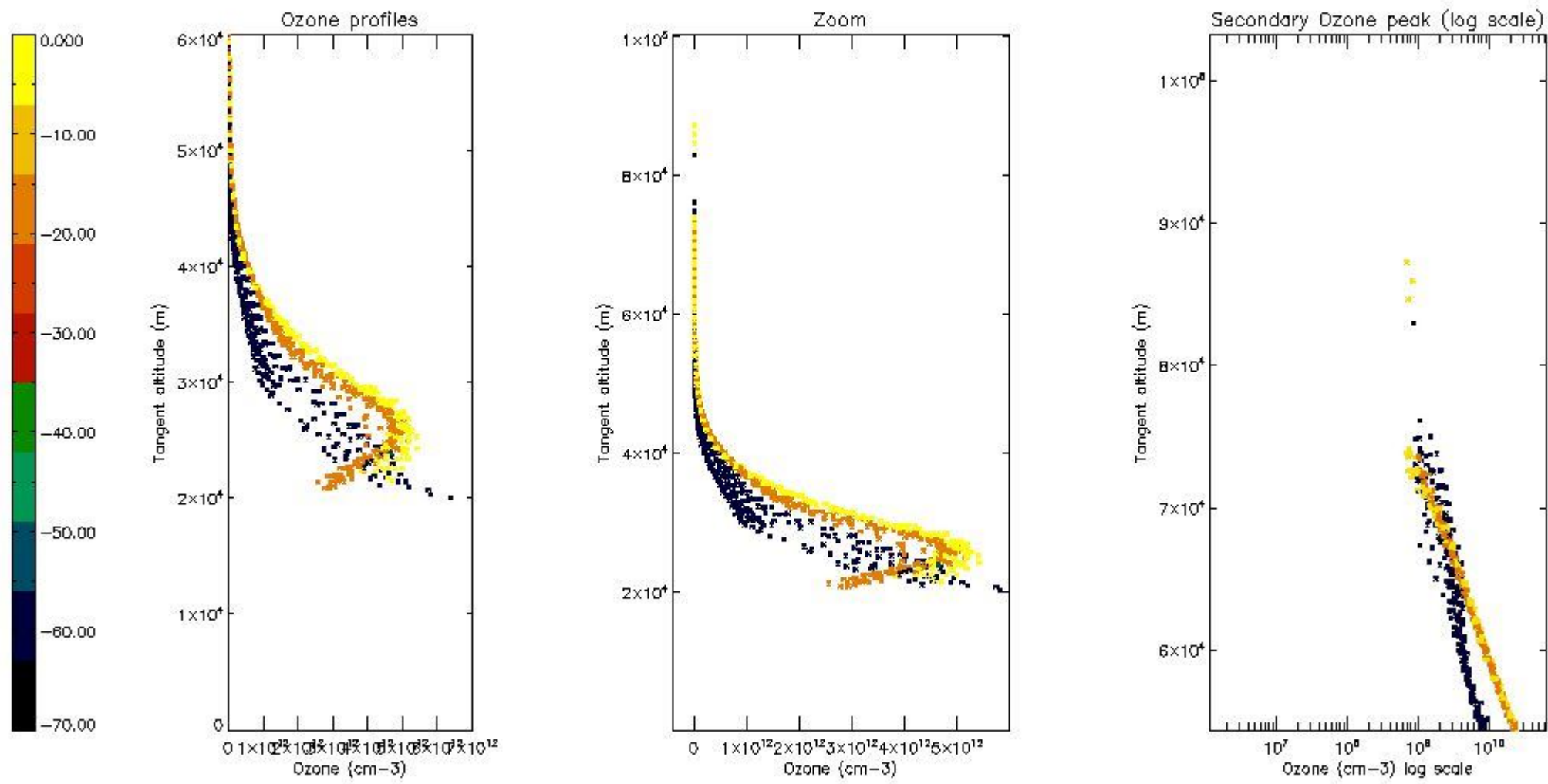
The colorbar represents the latitude.



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

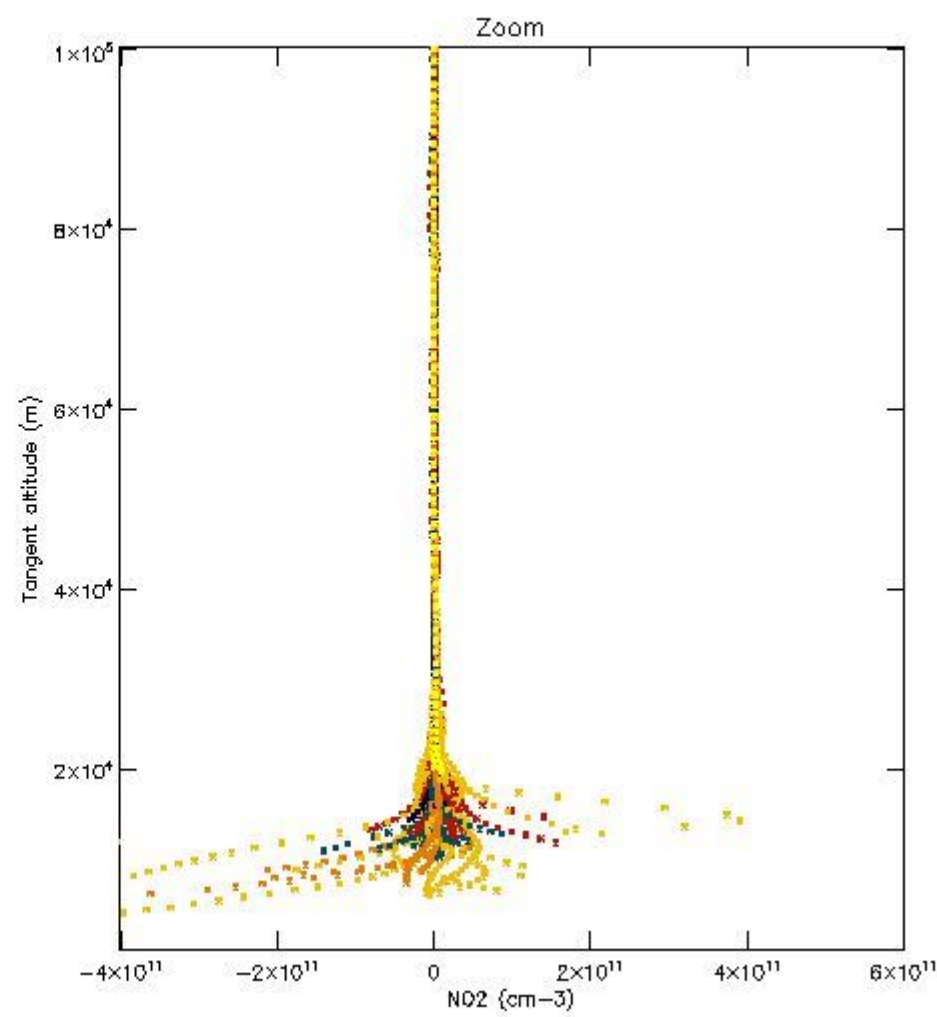
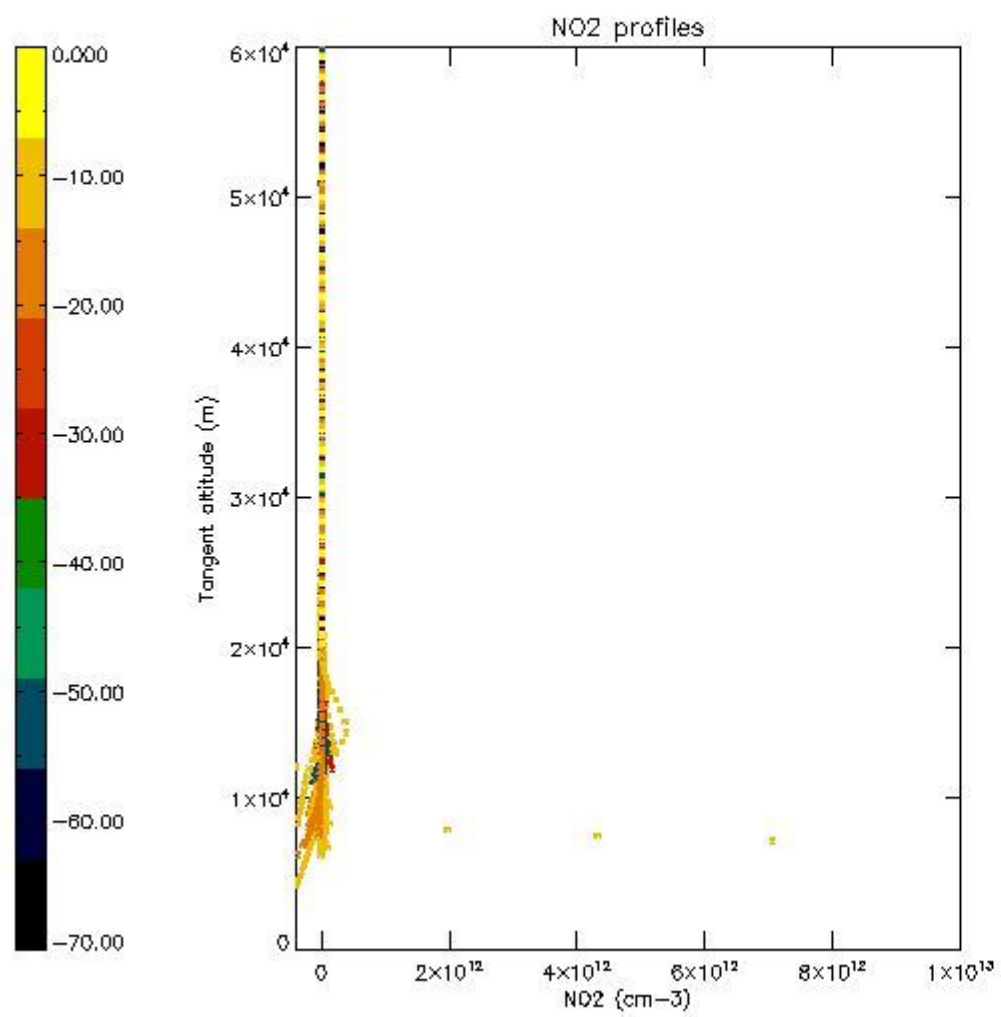
The colorbar represents the latitude.





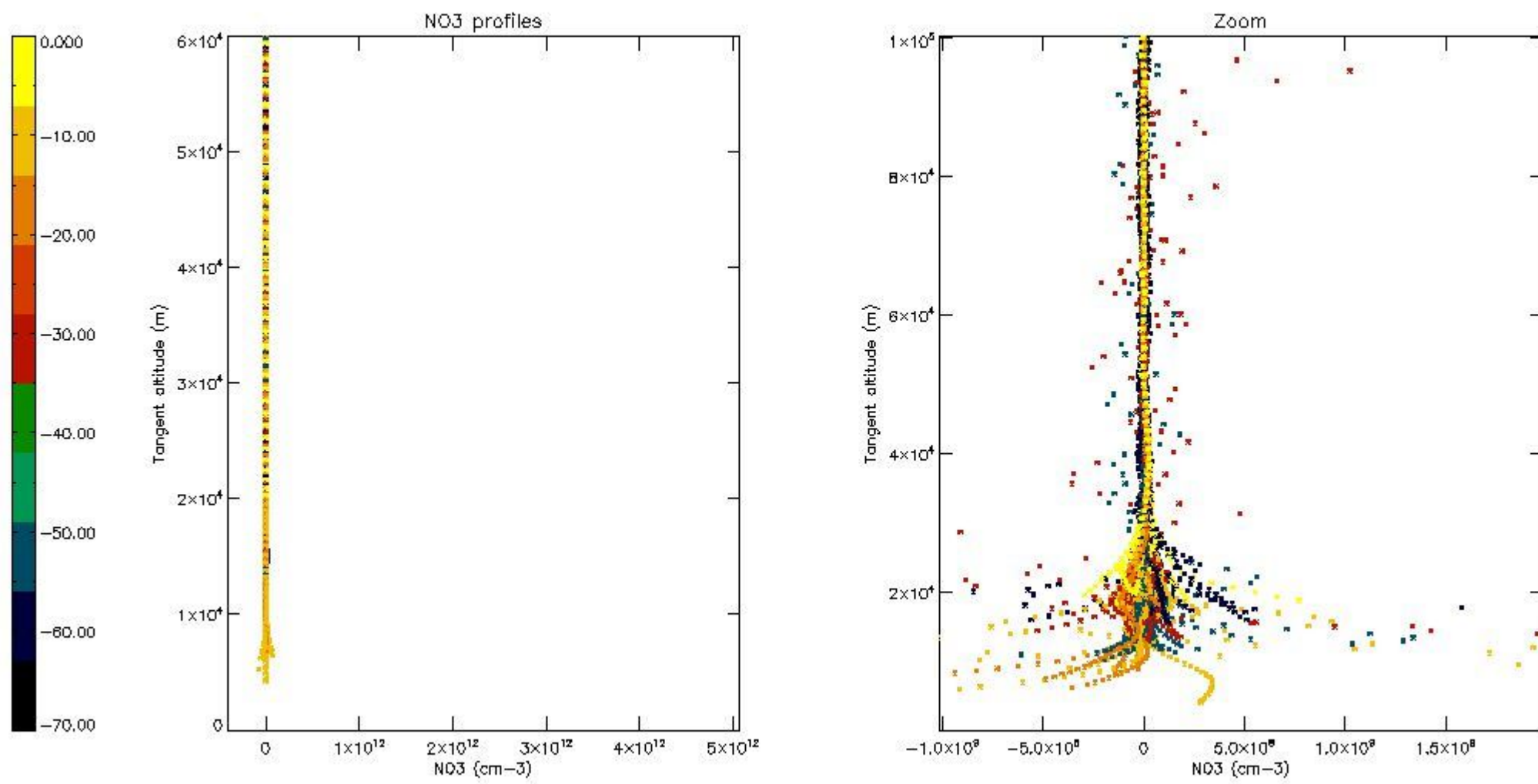
5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)

The colorbar represents the latitude.



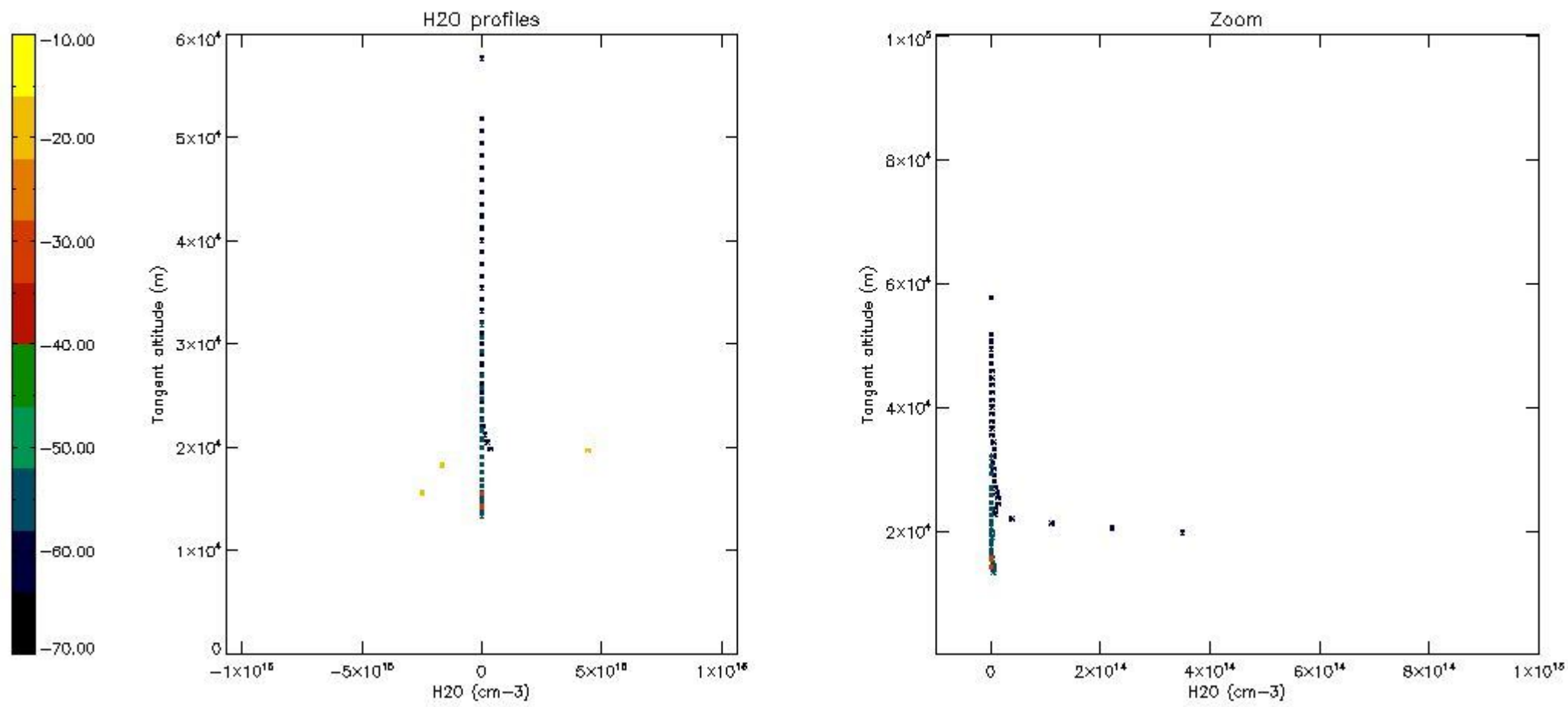
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUN-2008 00:01:52
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUN-2008 00:01:52
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUN-2008 00:01:52

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

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### [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 \(time dependant\)](#)

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 15:42:41
Data source version	GOMOS/6.01
Start time of products	03-06-2008 (03JUN2008 00:00:00)
Stop time of products	04-06-2008 (04JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	324
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__2PRFIN20080603_000152_000000432069_00102_32721_4420.N1	03-JUN-2008 00:01:52	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32721	No
2	GOM_NL__2PRFIN20080603_000955_000000382069_00102_32721_4421.N1	03-JUN-2008 00:09:55	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32721	No
3	GOM_NL__2PRFIN20080603_002009_000000472069_00102_32721_4422.N1	03-JUN-2008 00:20:09	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32721	No
4	GOM_NL__2PRFIN20080603_002525_000000492069_00102_32721_4423.N1	03-JUN-2008 00:25:25	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	32721	No
5	GOM_NL__2PRFIN20080603_003316_000000452069_00102_32721_4424.N1	03-JUN-2008 00:33:16	Bright	44.500	53	43Bet And	2.0480	3300.0	89	32721	No
6	GOM_NL__2PRFIN20080603_003602_000000562069_00102_32721_4425.N1	03-JUN-2008 00:36:02	Twilight	56.000	58	21Alp And	2.0730	11000.	112	32721	No
7	GOM_NL__2PRFIN20080603_004109_000000542069_00102_32721_4426.N1	03-JUN-2008 00:41:09	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	32721	No
8	GOM_NL__2PRFIN20080603_005012_000000472069_00102_32721_4427.N1	03-JUN-2008 00:50:12	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32721	No
9	GOM_NL__2PRFIN20080603_005652_000000432069_00102_32721_4428.N1	03-JUN-2008 00:56:52	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32721	No
10	GOM_NL__2PRFIN20080603_005916_000000682069_00102_32721_4429.N1	03-JUN-2008 00:59:16	Dark	67.500	18	24Alp PsA	1.1660	9700.0	135	32721	No
11	GOM_NL__2PRFIN20080603_010221_000000502069_00103_32722_4417.N1	03-JUN-2008 01:02:21	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32722	No
12	GOM_NL__2PRFIN20080603_010416_000000482069_00103_32722_4418.N1	03-JUN-2008 01:04:16	Dark	48.000	31	Alp Gru	1.7340	15200.	96	32722	No
13	GOM_NL__2PRFIN20080603_010906_000000432069_00103_32722_4419.N1	03-JUN-2008 01:09:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32722	No
14	GOM_NL__2PRFIN20080603_011624_000000412069_00103_32722_4420.N1	03-JUN-2008 01:16:24	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	32722	No
15	GOM_NL__2PRFIN20080603_011806_000000432069_00103_32722_4421.N1	03-JUN-2008 01:18:06	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32722	No
16	GOM_NL__2PRFIN20080603_011953_000000472069_00103_32722_4422.N1	03-JUN-2008 01:19:53	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	32722	No
17	GOM_NL__2PRFIN20080603_012135_000000452069_00103_32722_4423.N1	03-JUN-2008 01:21:35	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	32722	No
18	GOM_NL__2PRFIN20080603_012336_000000492069_00103_32722_4424.N1	03-JUN-2008 01:23:36	Bright	49.000	136	23Tau Sco	2.8220	30000.	98	32722	No
19	GOM_NL__2PRFIN20080603_012709_000000452069_00103_32722_4425.N1	03-JUN-2008 01:27:09	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	32722	No
20	GOM_NL__2PRFIN20080603_012859_000000582069_00103_32722_4426.N1	03-JUN-2008 01:28:59	Bright	58.000	98	13Zet Oph	2.5710	30000.	116	32722	No
21	GOM_NL__2PRFIN20080603_013109_000000392069_00103_32722_4427.N1	03-JUN-2008 01:31:09	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	32722	No
22	GOM_NL__2PRFIN20080603_013409_000000362069_00103_32722_4428.N1	03-JUN-2008 01:34:09	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	32722	No
23	GOM_NL__2PRFIN20080603_013906_000000422069_00103_32722_4429.N1	03-JUN-2008 01:39:06	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	32722	No
24	GOM_NL__2PRFIN20080603_014228_000000422069_00103_32722_4430.N1	03-JUN-2008 01:42:28	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	32722	No
25	GOM_NL__2PRFIN20080603_015031_000000352069_00103_32722_4431.N1	03-JUN-2008 01:50:31	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	32722	No
26	GOM_NL__2PRFIN20080603_020044_000000462069_00103_32722_4432.N1	03-JUN-2008 02:00:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32722	No
27	GOM_NL__2PRFIN20080603_020601_000000562069_00103_32722_4433.N1	03-JUN-2008 02:06:01	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	32722	No
28	GOM_NL__2PRFIN20080603_021352_000000482069_00103_32722_4434.N1	03-JUN-2008 02:13:52	Bright	48.000	53	43Bet And	2.0480	3300.0	96	32722	No
29	GOM_NL__2PRFIN20080603_021638_000000562069_00103_32722_4435.N1	03-JUN-2008 02:16:38	Twilight	55.500	58	21Alp And	2.0730	11000.	111	32722	No
30	GOM_NL__2PRFIN20080603_022145_000000542069_00103_32722_4436.N1	03-JUN-2008 02:21:45	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	32722	No
31	GOM_NL__2PRFIN20080603_023049_000000492069_00103_32722_4437.N1	03-JUN-2008 02:30:49	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	32722	No
32	GOM_NL__2PRFIN20080603_023728_000000462069_00103_32722_4438.N1	03-JUN-2008 02:37:28	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32722	No
33	GOM_NL__2PRFIN20080603_023953_000000592069_00103_32722_4439.N1	03-JUN-2008 02:39:53	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	32722	No
34	GOM_NL__2PRFIN20080603_024258_000000572069_00104_32723_4425.N1	03-JUN-2008 02:42:58	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32723	No
35	GOM_NL__2PRFIN20080603_024453_000000472069_00104_32723_4426.N1	03-JUN-2008 02:44:53	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32723	No
36	GOM_NL__2PRFIN20080603_024942_000000422069_00104_32723_4427.N1	03-JUN-2008 02:49:42	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32723	No
37	GOM_NL__2PRFIN20080603_025700_000000392069_00104_32723_4428.N1	03-JUN-2008 02:57:00	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	32723	No
38	GOM_NL__2PRFIN20080603_025842_000000462069_00104_32723_4429.N1	03-JUN-2008 02:58:42	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32723	No
39	GOM_NL__2PRFIN20080603_030029_000000472069_00104_32723_4430.N1	03-JUN-2008 03:00:29	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	32723	No
40	GOM_NL__2PRFIN20080603_030212_000000462069_00104_32723_4431.N1	03-JUN-2008 03:02:12	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	32723	No
41	GOM_NL__2PRFIN20080603_030412_000000512069_00104_32723_4432.N1	03-JUN-2008 03:04:12	Bright	50.500	136	23Tau Sco	2.8220	30000.	101	32723	No
42	GOM_NL__2PRFIN20080603_030745_000000452069_00104_32723_4433.N1	03-JUN-2008 03:07:45	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	32723	No









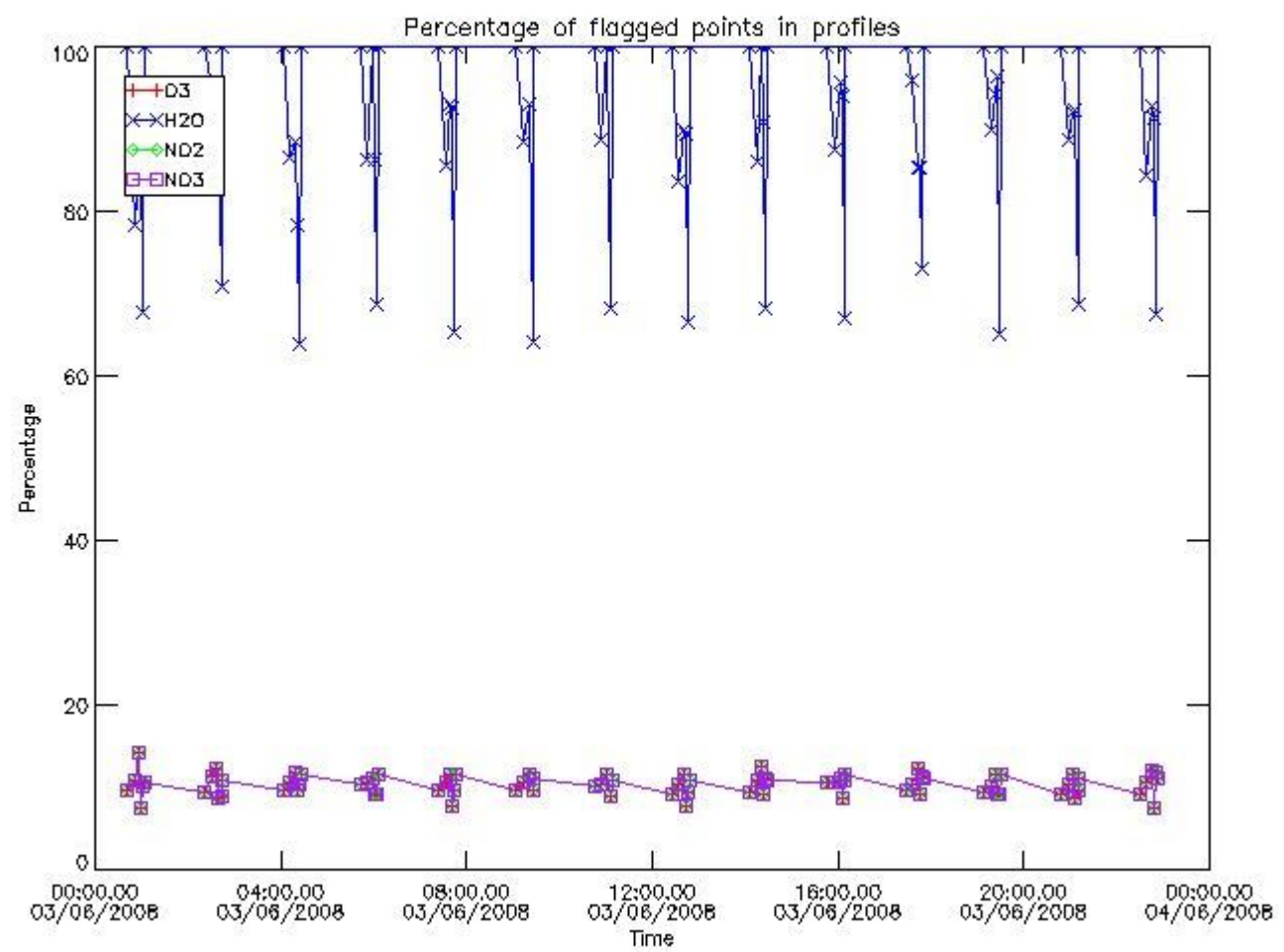


279	GOM_NL__2PRFIN20080603_204029_000000472069_00114_32733_5085.N1	03-JUN-2008 20:40:29	Bright	47.000	53	43Bet And	2.0480	3300.0	94	32733	No
280	GOM_NL__2PRFIN20080603_204316_000000562069_00114_32733_5086.N1	03-JUN-2008 20:43:16	Twilight	56.000	58	21Alp And	2.0730	11000.	112	32733	No
281	GOM_NL__2PRFIN20080603_204827_000000562069_00114_32733_5087.N1	03-JUN-2008 20:48:27	Dark	55.500	140	88Gam Peg	2.8340	26000.	111	32733	No
282	GOM_NL__2PRFIN20080603_205731_000000502069_00114_32733_5088.N1	03-JUN-2008 20:57:31	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	32733	No
283	GOM_NL__2PRFIN20080603_210410_000000452069_00114_32733_5089.N1	03-JUN-2008 21:04:10	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32733	No
284	GOM_NL__2PRFIN20080603_210643_000000712069_00114_32733_5090.N1	03-JUN-2008 21:06:43	Dark	71.000	18	24Alp PsA	1.1660	9700.0	142	32733	No
285	GOM_NL__2PRFIN20080603_210943_000000582069_00115_32734_5077.N1	03-JUN-2008 21:09:43	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32734	No
286	GOM_NL__2PRFIN20080603_211139_000000462069_00115_32734_5078.N1	03-JUN-2008 21:11:39	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32734	No
287	GOM_NL__2PRFIN20080603_211625_000000412069_00115_32734_5079.N1	03-JUN-2008 21:16:25	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32734	No
288	GOM_NL__2PRFIN20080603_212340_000000392069_00115_32734_5080.N1	03-JUN-2008 21:23:40	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	32734	No
289	GOM_NL__2PRFIN20080603_212522_000000462069_00115_32734_5081.N1	03-JUN-2008 21:25:22	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32734	No
290	GOM_NL__2PRFIN20080603_212709_000000472069_00115_32734_5082.N1	03-JUN-2008 21:27:09	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	32734	No
291	GOM_NL__2PRFIN20080603_212850_000000452069_00115_32734_5083.N1	03-JUN-2008 21:28:50	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	32734	No
292	GOM_NL__2PRFIN20080603_213050_000000452069_00115_32734_5084.N1	03-JUN-2008 21:30:50	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	32734	No
293	GOM_NL__2PRFIN20080603_213422_000000432069_00115_32734_5085.N1	03-JUN-2008 21:34:22	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	32734	No
294	GOM_NL__2PRFIN20080603_213611_000000582069_00115_32734_5086.N1	03-JUN-2008 21:36:11	Bright	58.000	98	13Zet Oph	2.5710	30000.	116	32734	No
295	GOM_NL__2PRFIN20080603_213820_000000392069_00115_32734_5087.N1	03-JUN-2008 21:38:20	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	32734	No
296	GOM_NL__2PRFIN20080603_214121_000000362069_00115_32734_5088.N1	03-JUN-2008 21:41:21	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	32734	No
297	GOM_NL__2PRFIN20080603_214614_000000402069_00115_32734_5089.N1	03-JUN-2008 21:46:14	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	32734	No
298	GOM_NL__2PRFIN20080603_214934_000000422069_00115_32734_5090.N1	03-JUN-2008 21:49:34	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	32734	No
299	GOM_NL__2PRFIN20080603_215655_000000442069_00115_32734_5091.N1	03-JUN-2008 21:56:55	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	32734	No
300	GOM_NL__2PRFIN20080603_220748_000000472069_00115_32734_5092.N1	03-JUN-2008 22:07:48	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32734	No
301	GOM_NL__2PRFIN20080603_221311_000000362069_00115_32734_5093.N1	03-JUN-2008 22:13:11	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	32734	No
302	GOM_NL__2PRFIN20080603_222105_000000472069_00115_32734_5094.N1	03-JUN-2008 22:21:05	Bright	46.500	53	43Bet And	2.0480	3300.0	93	32734	No
303	GOM_NL__2PRFIN20080603_222352_000000592069_00115_32734_5095.N1	03-JUN-2008 22:23:52	Twilight	58.500	58	21Alp And	2.0730	11000.	117	32734	No
304	GOM_NL__2PRFIN20080603_222904_000000552069_00115_32734_5096.N1	03-JUN-2008 22:29:04	Dark	55.000	140	88Gam Peg	2.8340	26000.	110	32734	No
305	GOM_NL__2PRFIN20080603_223808_000000482069_00115_32734_5097.N1	03-JUN-2008 22:38:08	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32734	No
306	GOM_NL__2PRFIN20080603_224447_000000432069_00115_32734_5098.N1	03-JUN-2008 22:44:47	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	32734	No
307	GOM_NL__2PRFIN20080603_224720_000000692069_00115_32734_5099.N1	03-JUN-2008 22:47:20	Dark	69.000	18	24Alp PsA	1.1660	9700.0	138	32734	No
308	GOM_NL__2PRFIN20080603_225019_000000612069_00116_32735_5092.N1	03-JUN-2008 22:50:19	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	32735	No
309	GOM_NL__2PRFIN20080603_225216_000000462069_00116_32735_5093.N1	03-JUN-2008 22:52:16	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32735	No
310	GOM_NL__2PRFIN20080603_225702_000000432069_00116_32735_5094.N1	03-JUN-2008 22:57:02	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32735	No
311	GOM_NL__2PRFIN20080603_230416_000000422069_00116_32735_5095.N1	03-JUN-2008 23:04:16	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	32735	No
312	GOM_NL__2PRFIN20080603_230558_000000462069_00116_32735_5096.N1	03-JUN-2008 23:05:58	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32735	No
313	GOM_NL__2PRFIN20080603_230745_000000462069_00116_32735_5097.N1	03-JUN-2008 23:07:45	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	32735	No
314	GOM_NL__2PRFIN20080603_230926_000000462069_00116_32735_5098.N1	03-JUN-2008 23:09:26	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	32735	No
315	GOM_NL__2PRFIN20080603_231126_000000452069_00116_32735_5099.N1	03-JUN-2008 23:11:26	Bright	44.500	136	23Tau Sco	2.8220	30000.	89	32735	No
316	GOM_NL__2PRFIN20080603_231458_000000442069_00116_32735_5100.N1	03-JUN-2008 23:14:58	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	32735	No
317	GOM_NL__2PRFIN20080603_231647_000000402069_00116_32735_5101.N1	03-JUN-2008 23:16:47	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	32735	No
318	GOM_NL__2PRFIN20080603_231856_000000392069_00116_32735_5102.N1	03-JUN-2008 23:18:56	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	32735	No
319	GOM_NL__2PRFIN20080603_232157_000000362069_00116_32735_5103.N1	03-JUN-2008 23:21:57	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	32735	No
320	GOM_NL__2PRFIN20080603_232649_000000422069_00116_32735_5104.N1	03-JUN-2008 23:26:49	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	32735	No
321	GOM_NL__2PRFIN20080603_233010_000000432069_00116_32735_5105.N1	03-JUN-2008 23:30:10	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32735	No
322	GOM_NL__2PRFIN20080603_233731_000000442069_00116_32735_5106.N1	03-JUN-2008 23:37:31	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	32735	No
323	GOM_NL__2PRFIN20080603_234823_000000462069_00116_32735_5107.N1	03-JUN-2008 23:48:23	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32735	No
324	GOM_NL__2PRFIN20080603_235346_000000562069_00116_32735_5108.N1	03-JUN-2008 23:53:46	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	32735	No

### 3. Quality information per product

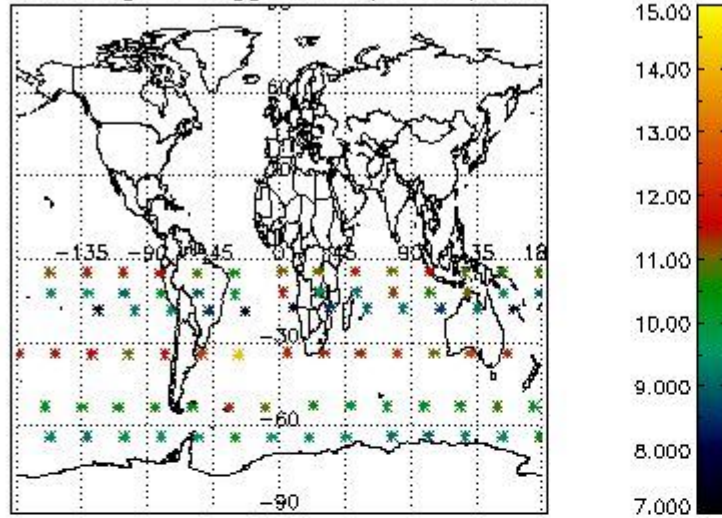
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

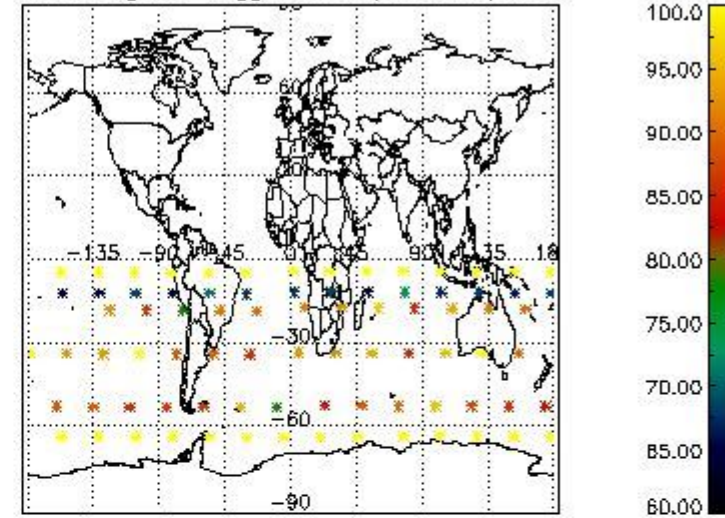


3.2 Plot quality information per product (world map)

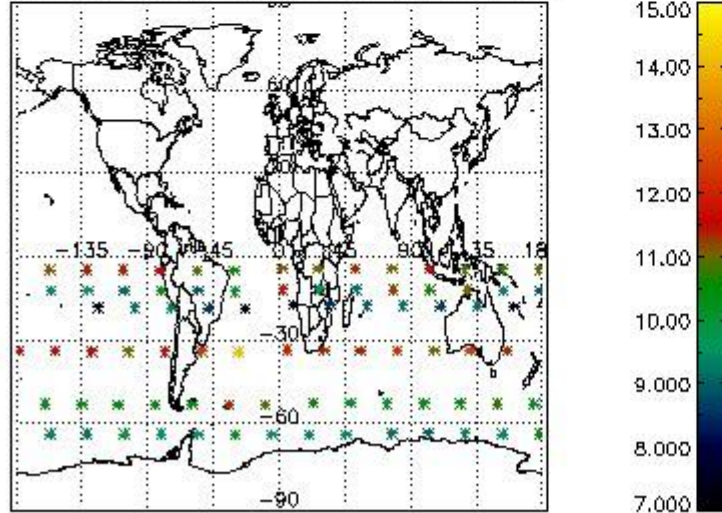
Percentage of flagged data per O3 profile



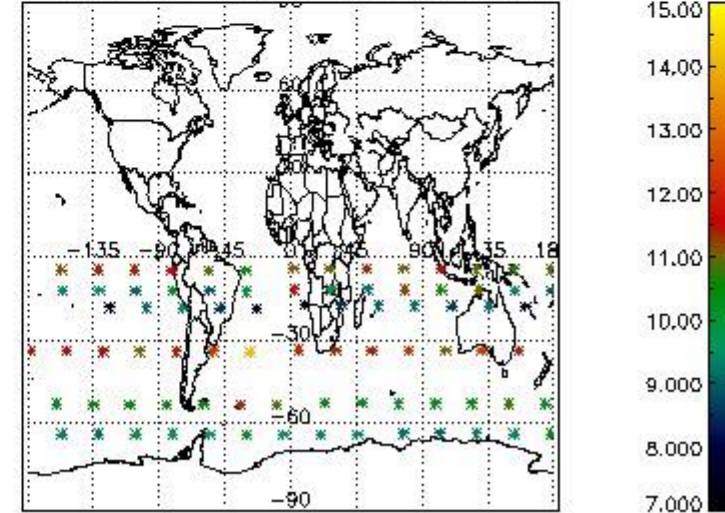
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

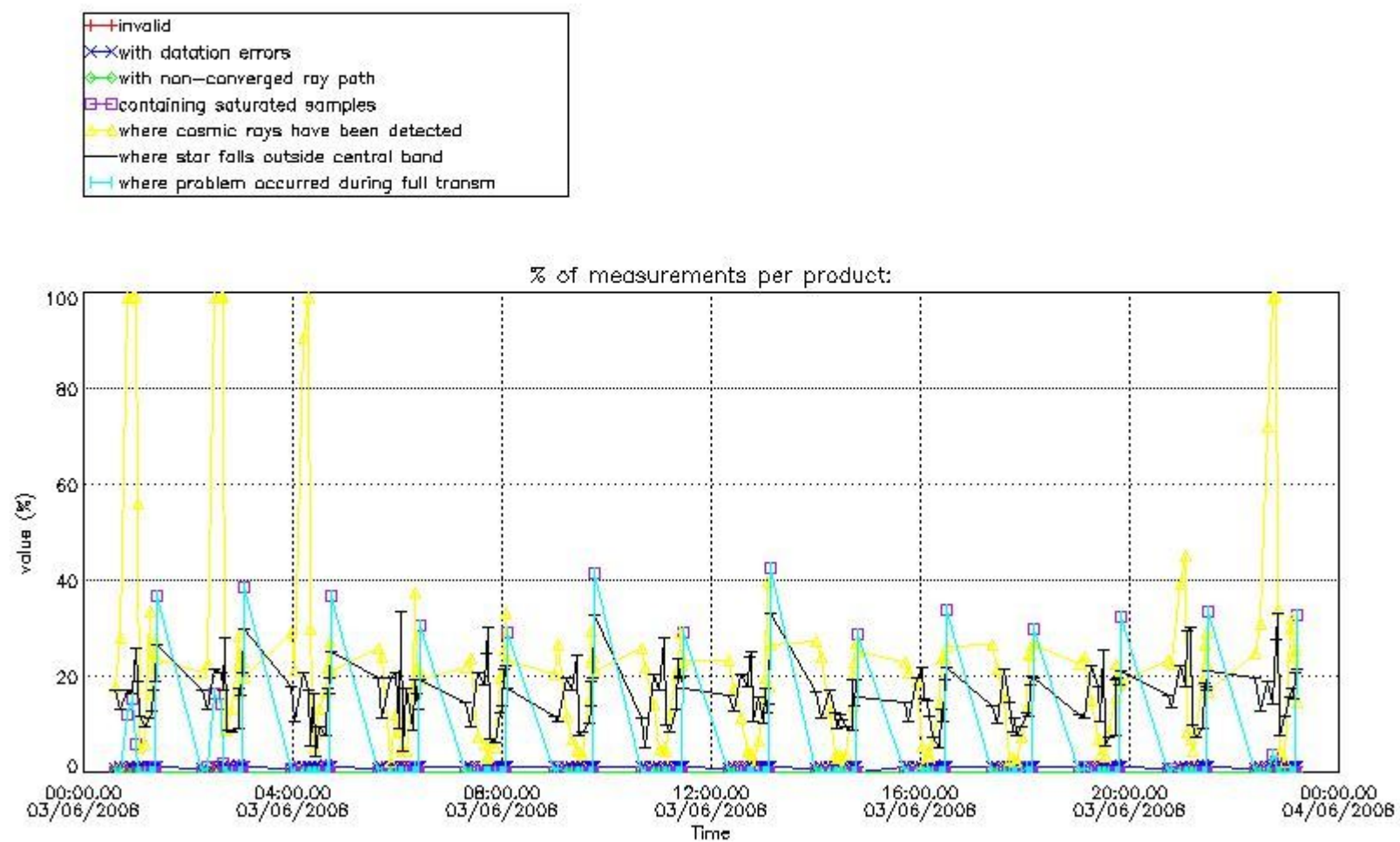


#### 4. Level 1 quality information per product

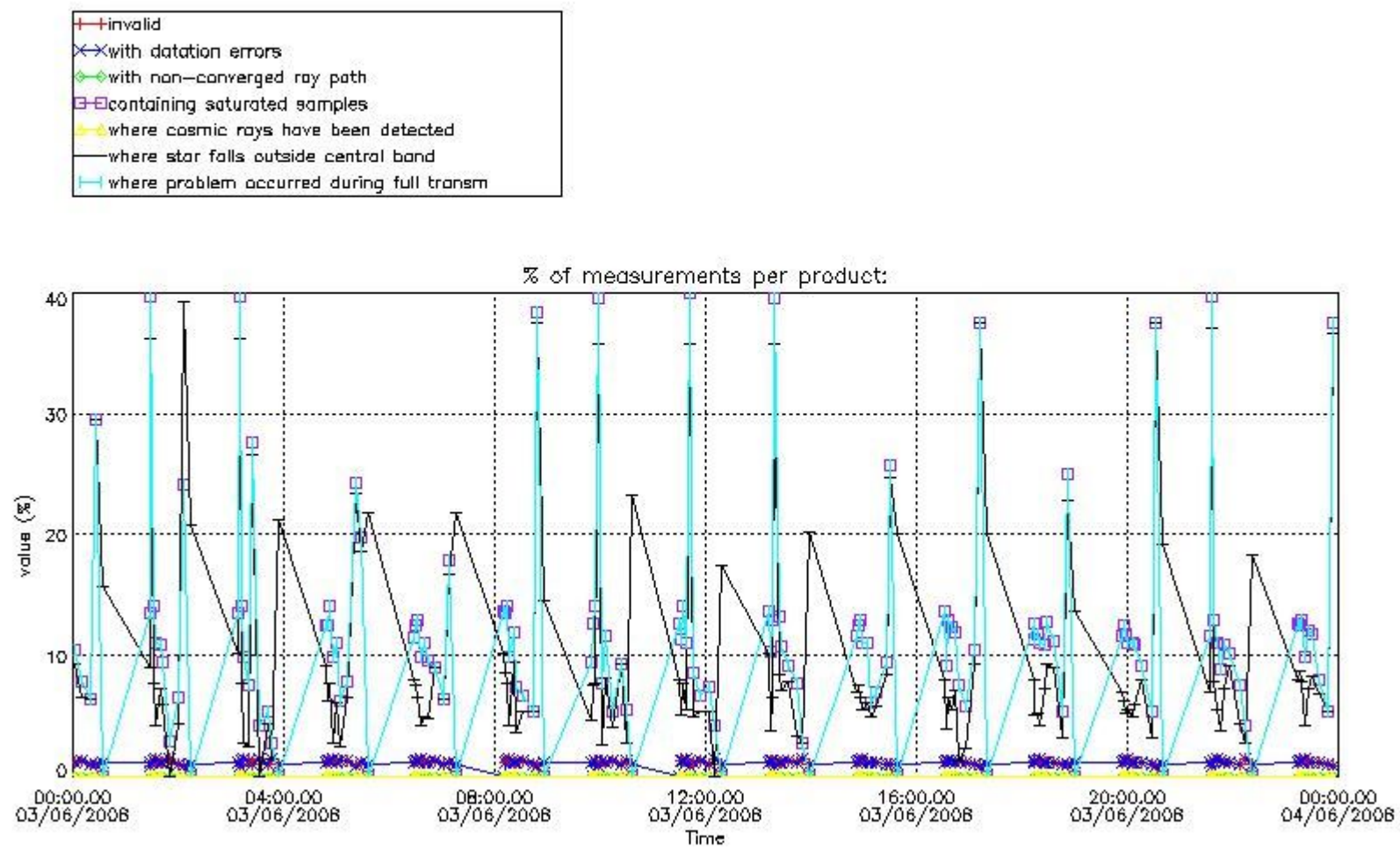
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

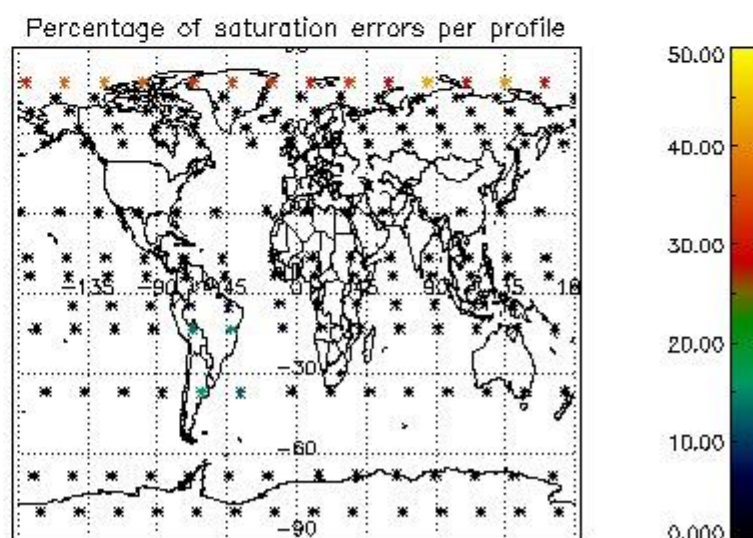
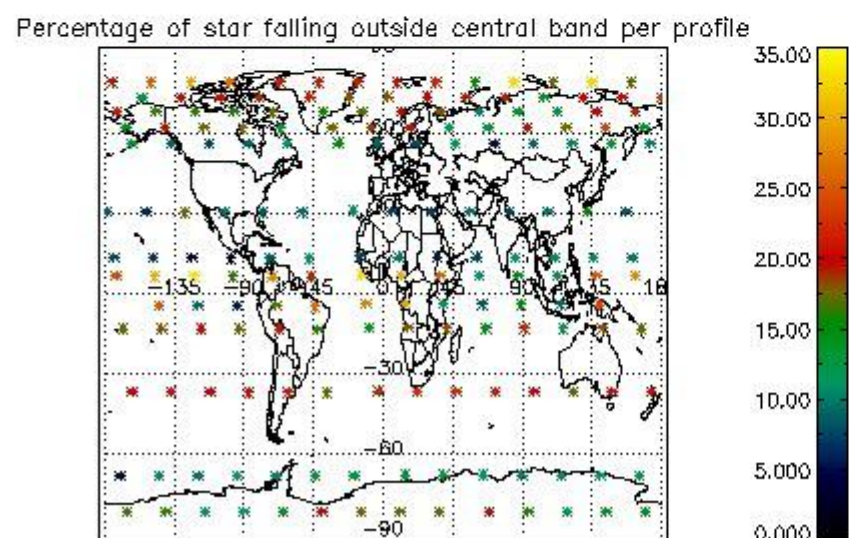
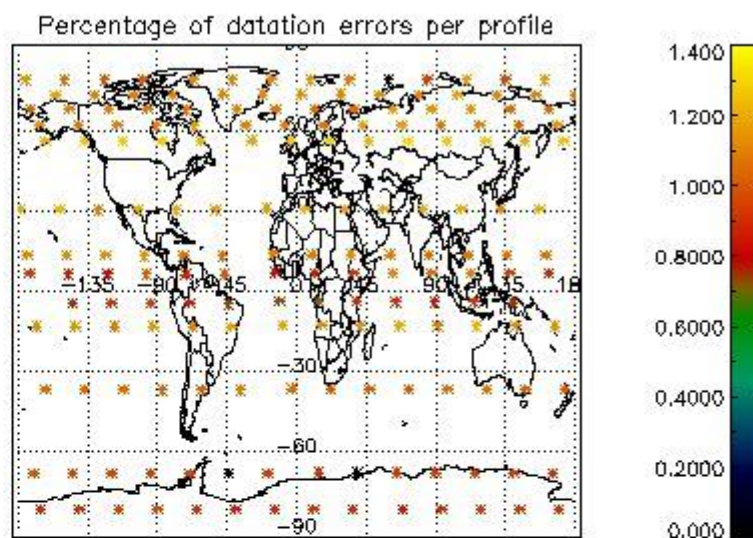
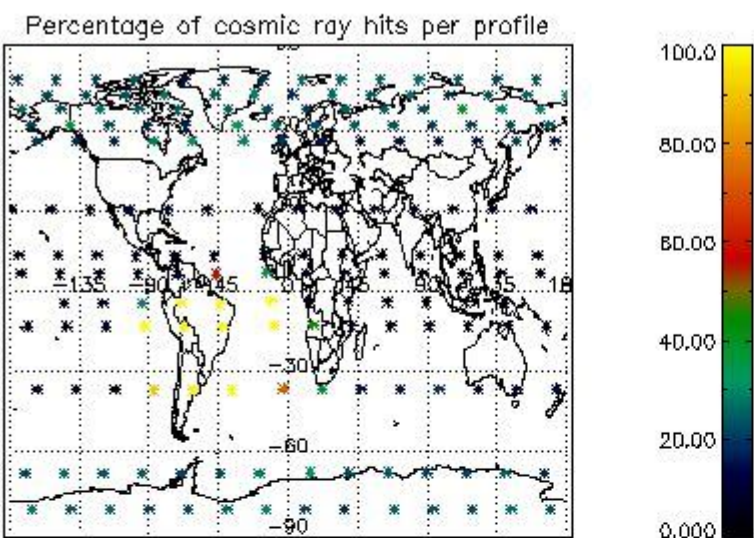


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



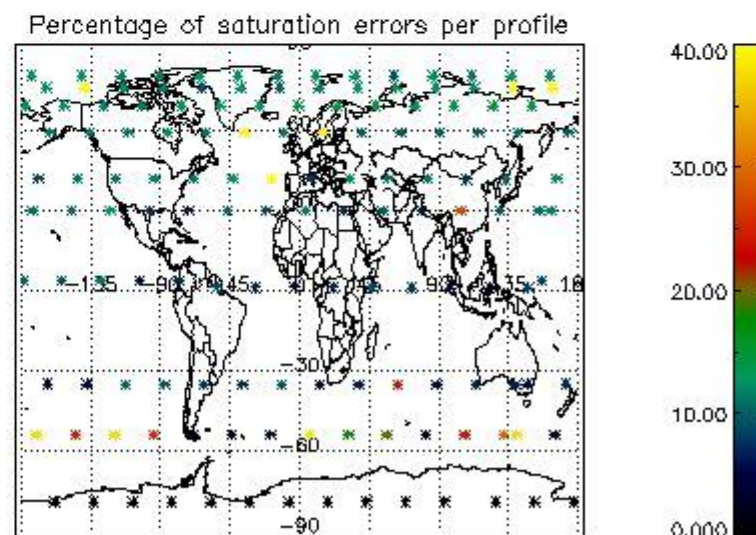
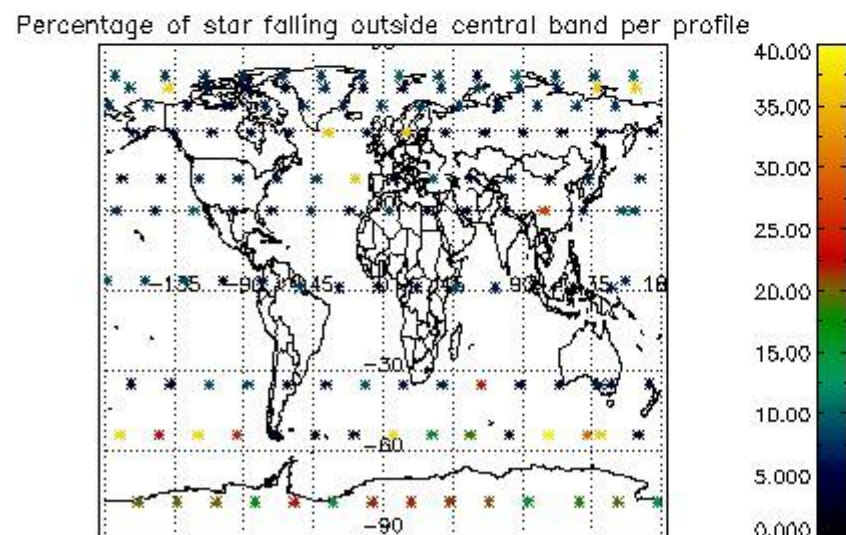
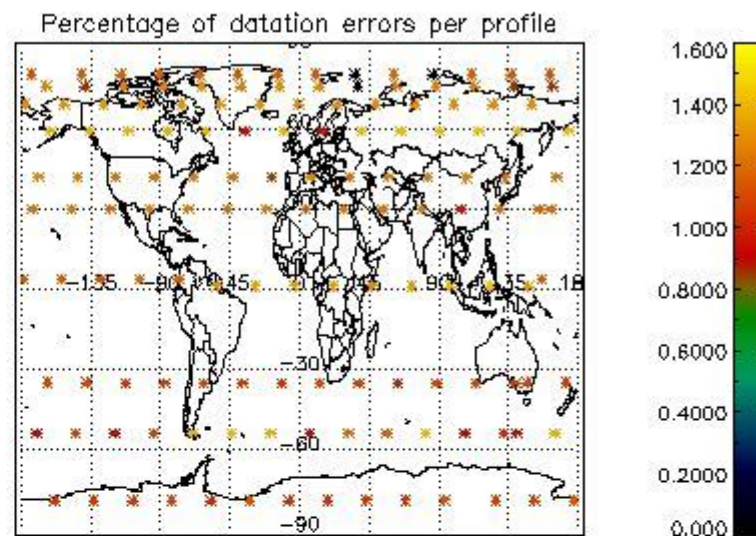
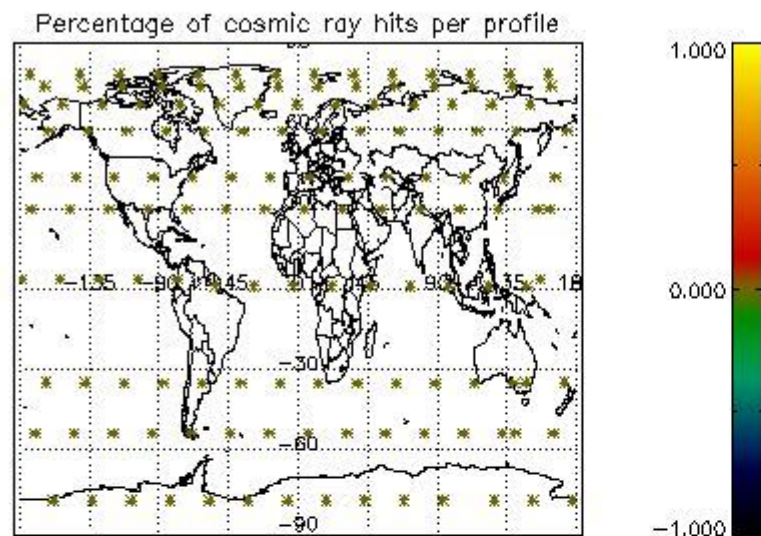
4.2 Plot quality information per product coming from level 1b processing (world map)

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

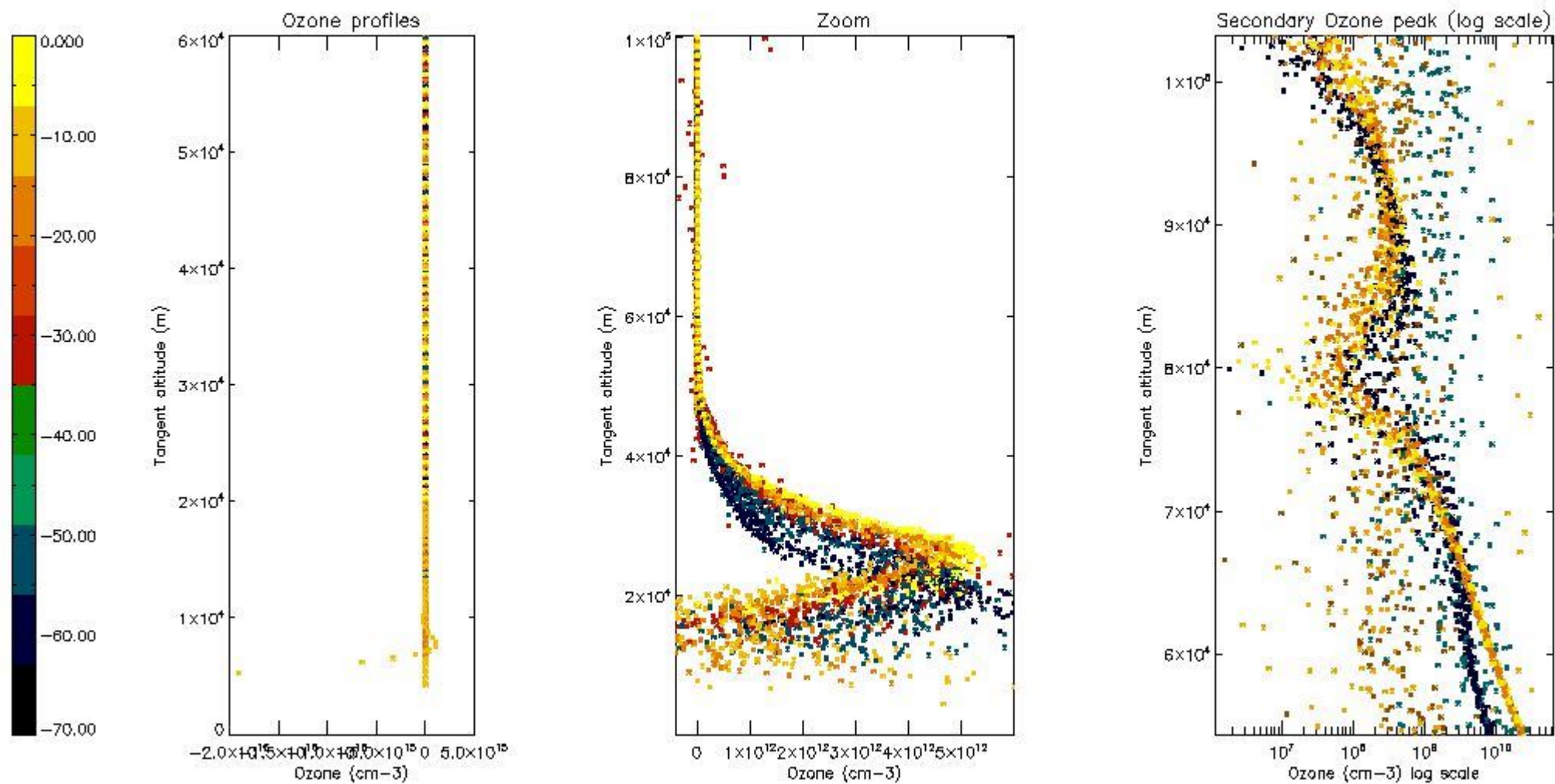
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	14

STD < 10	10
STD < 5	7

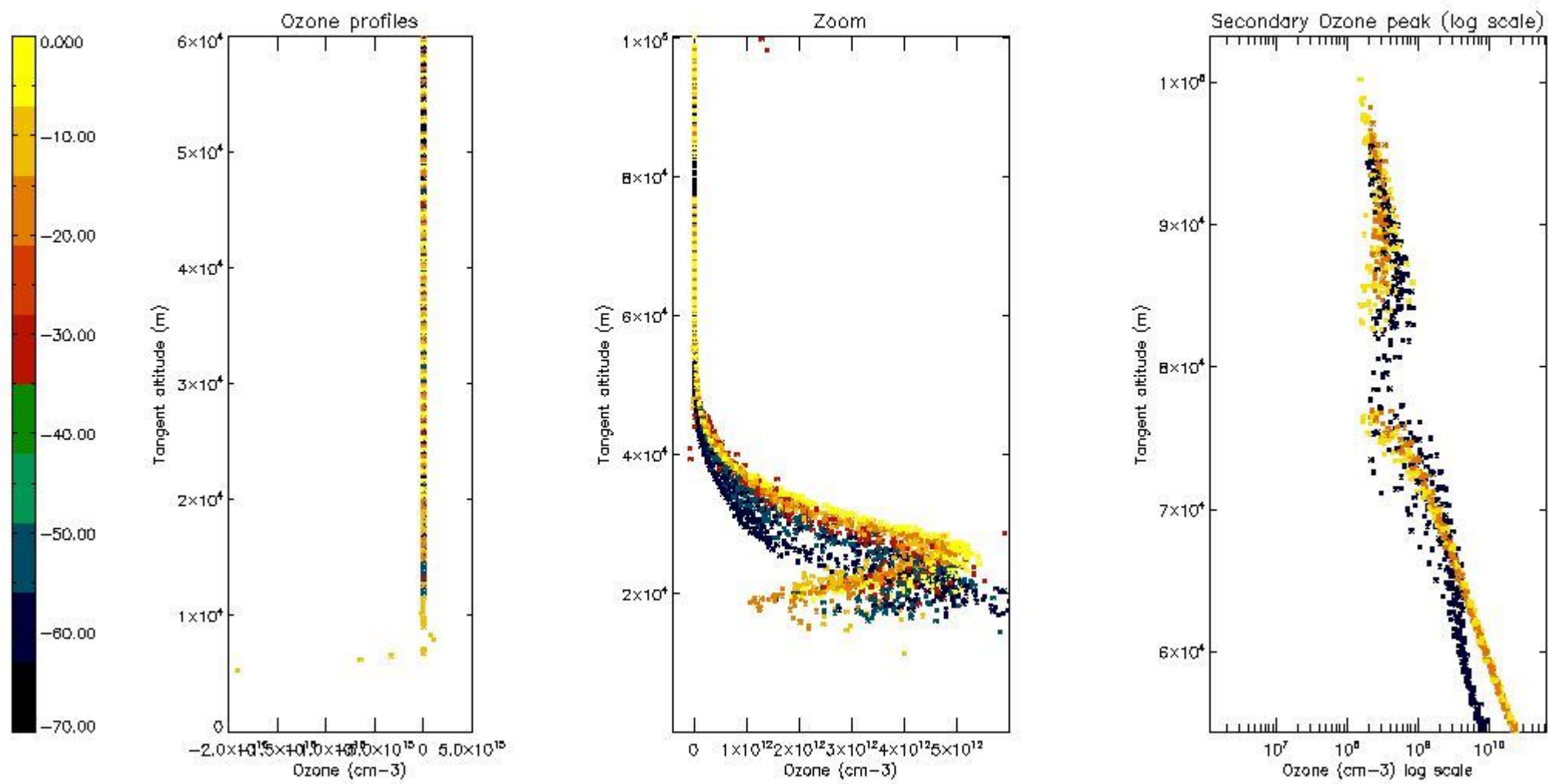
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



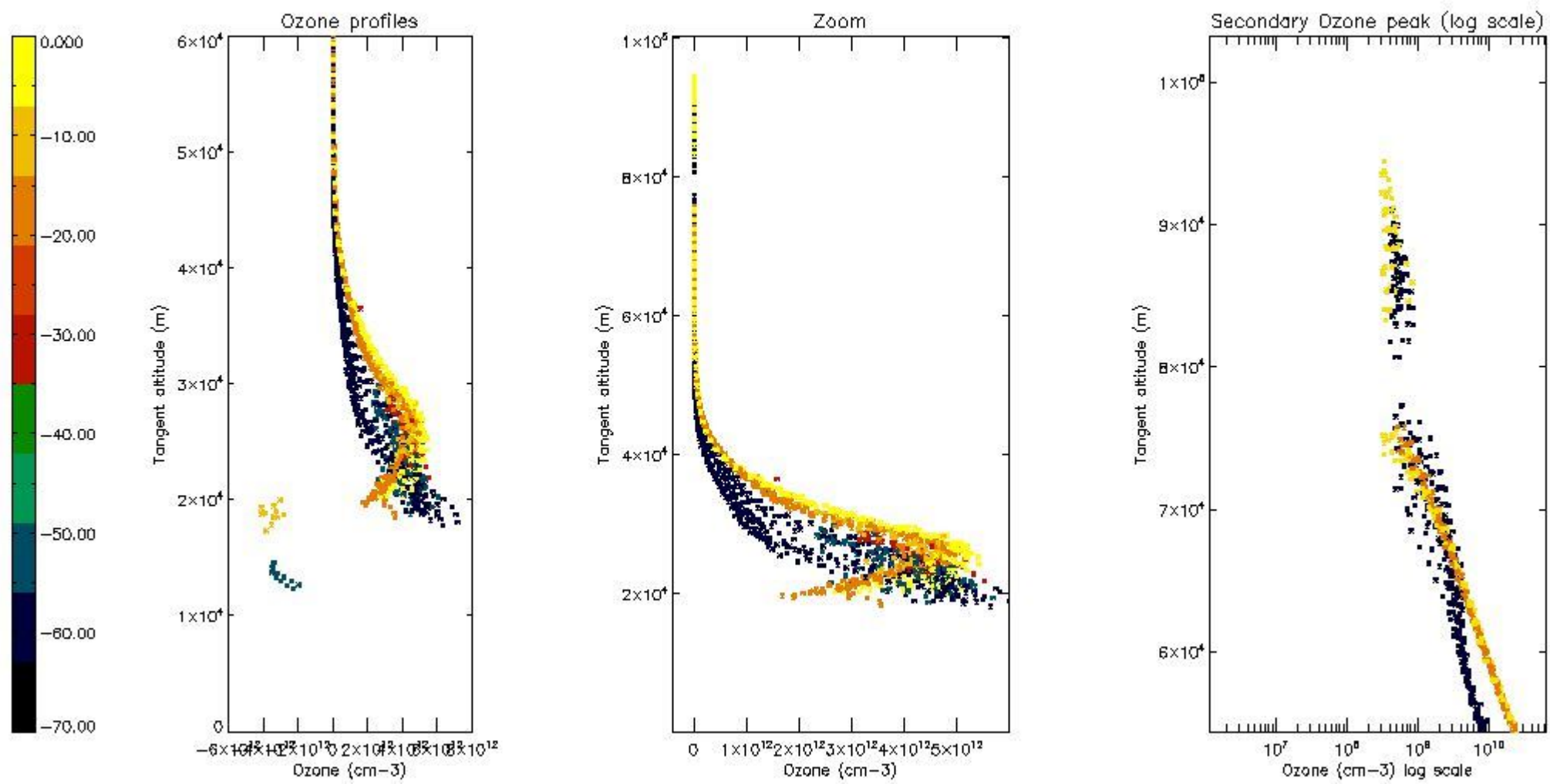
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



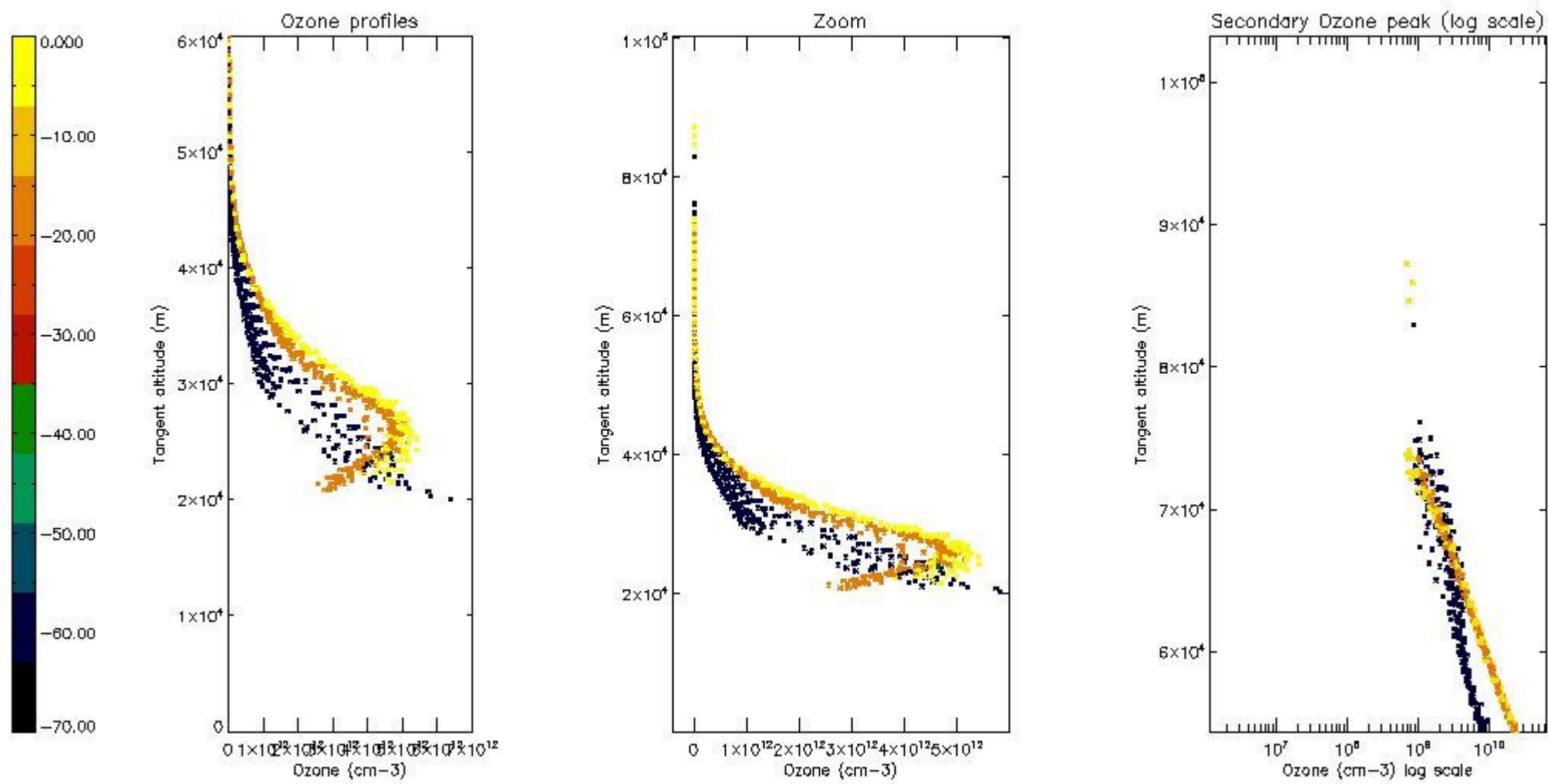
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



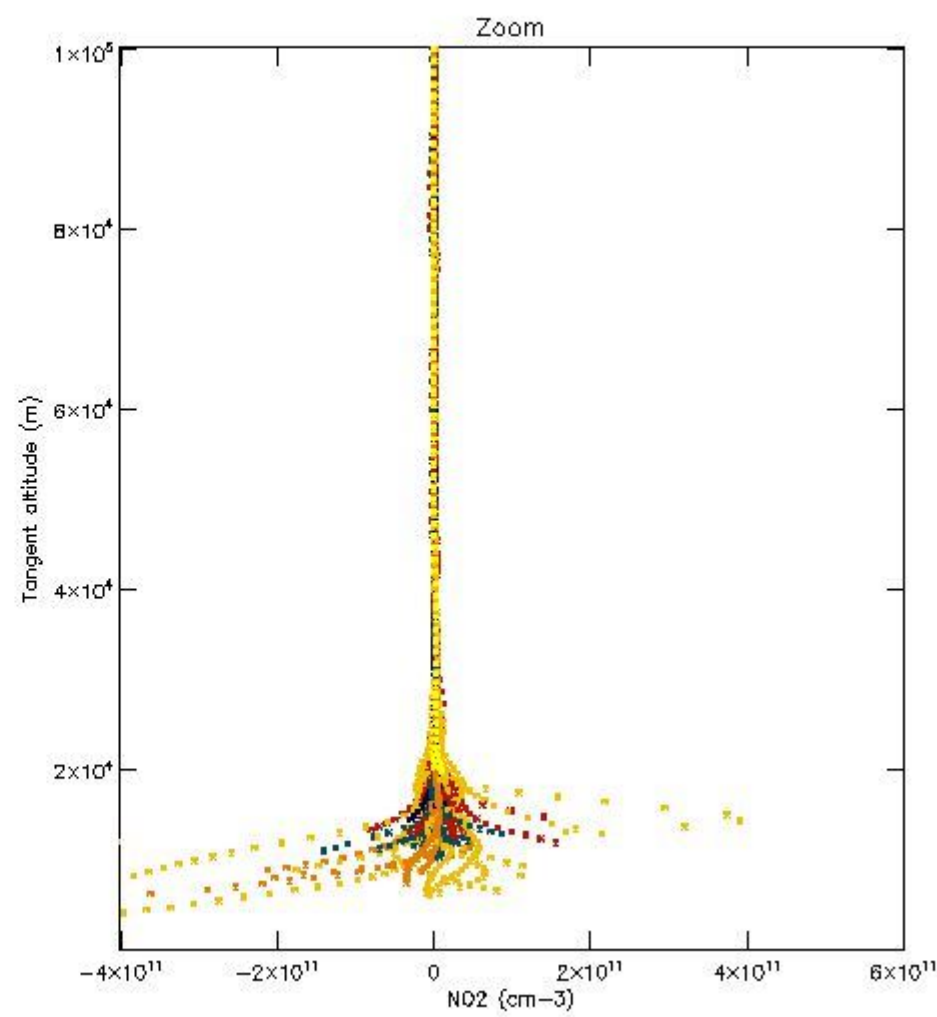
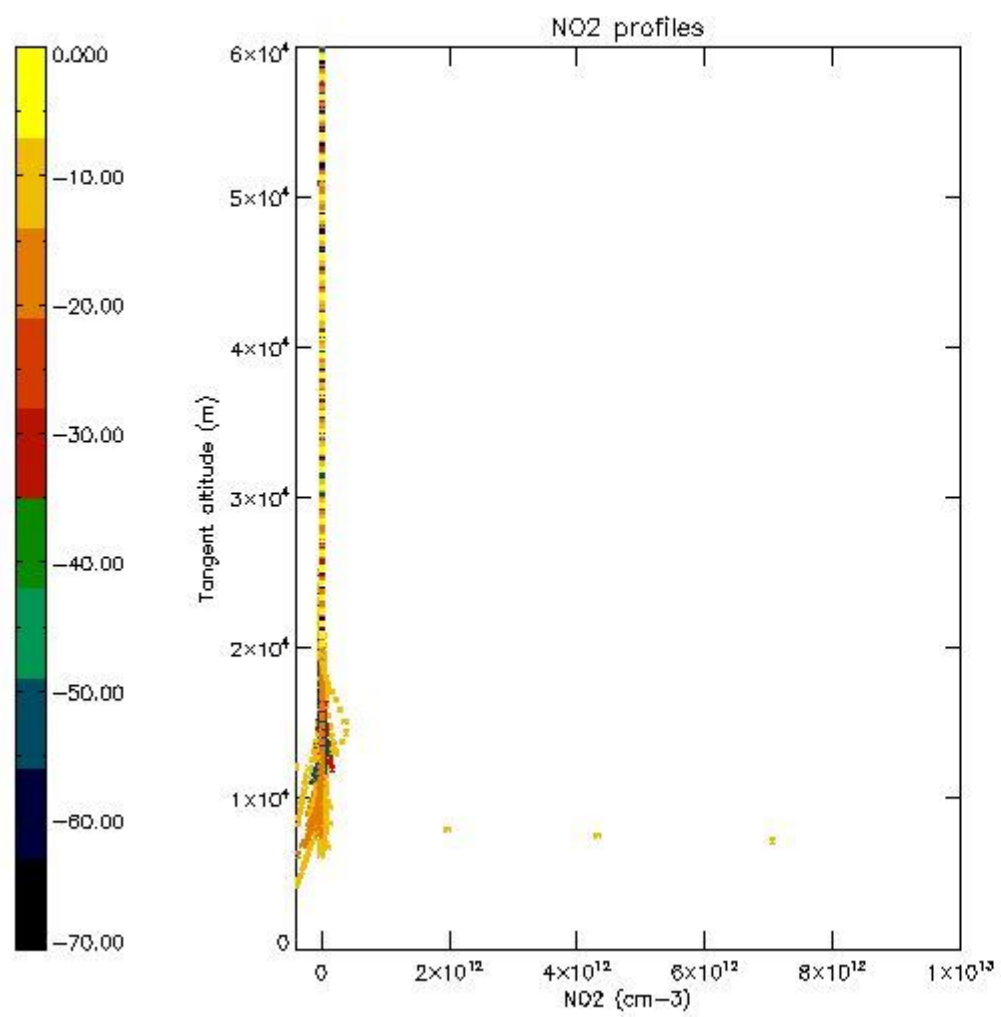
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



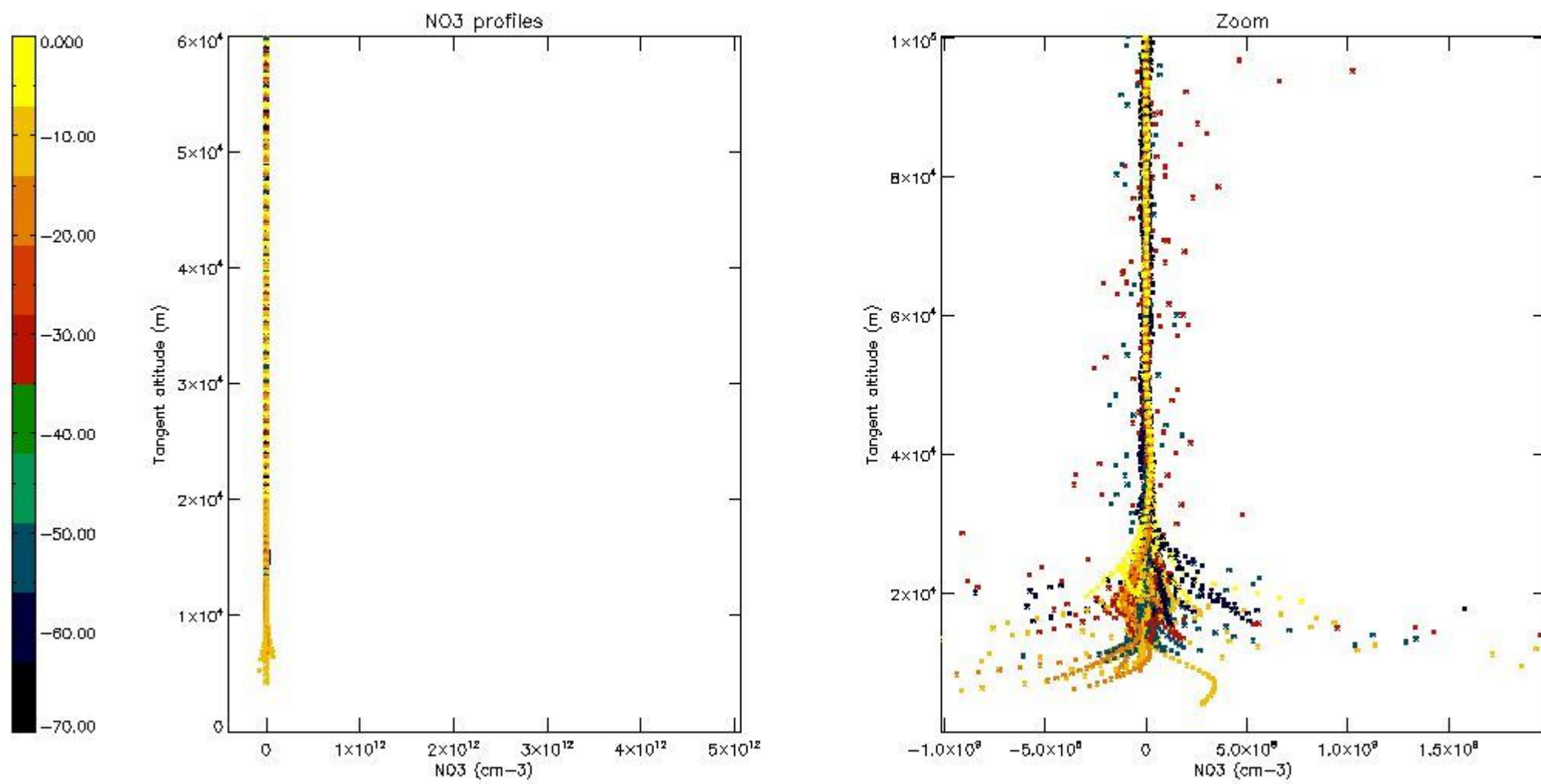
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



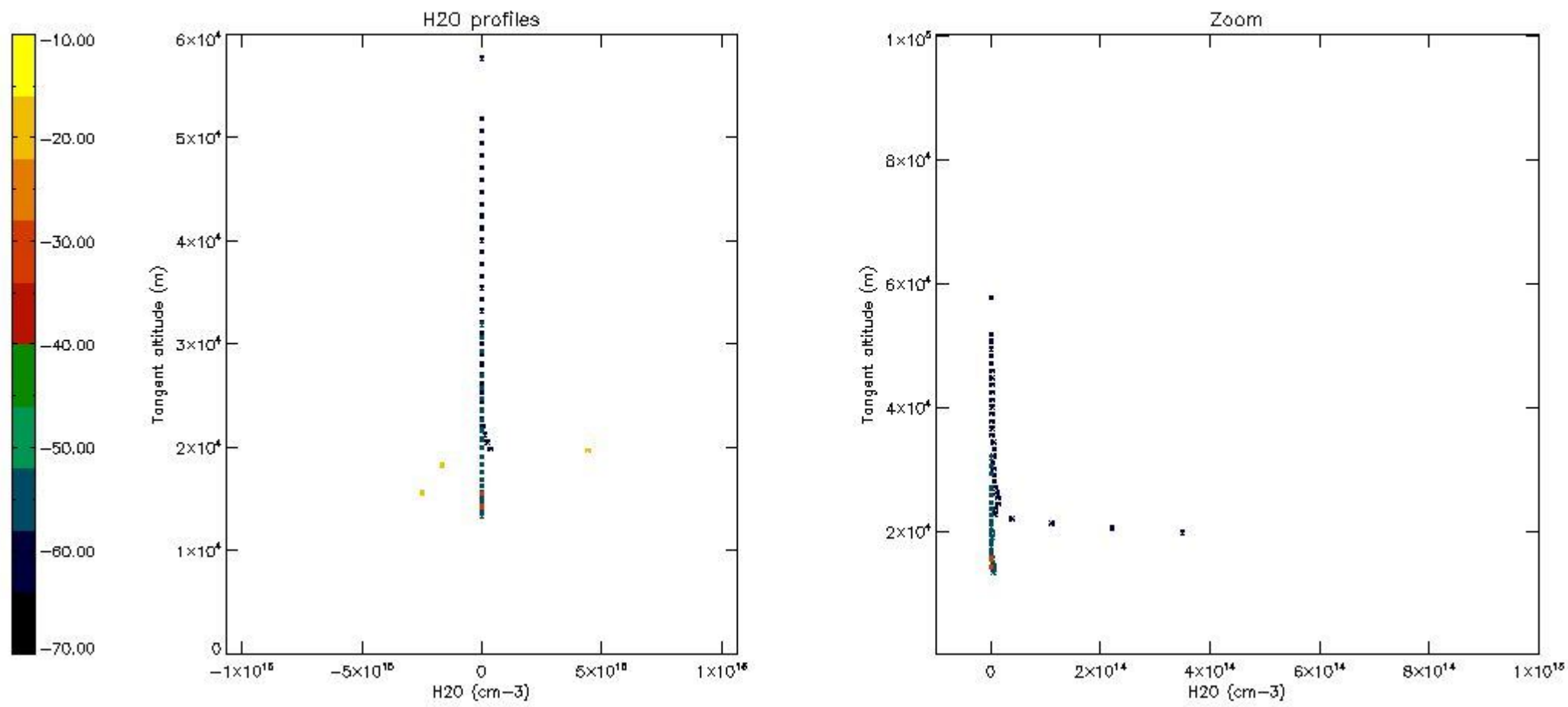
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

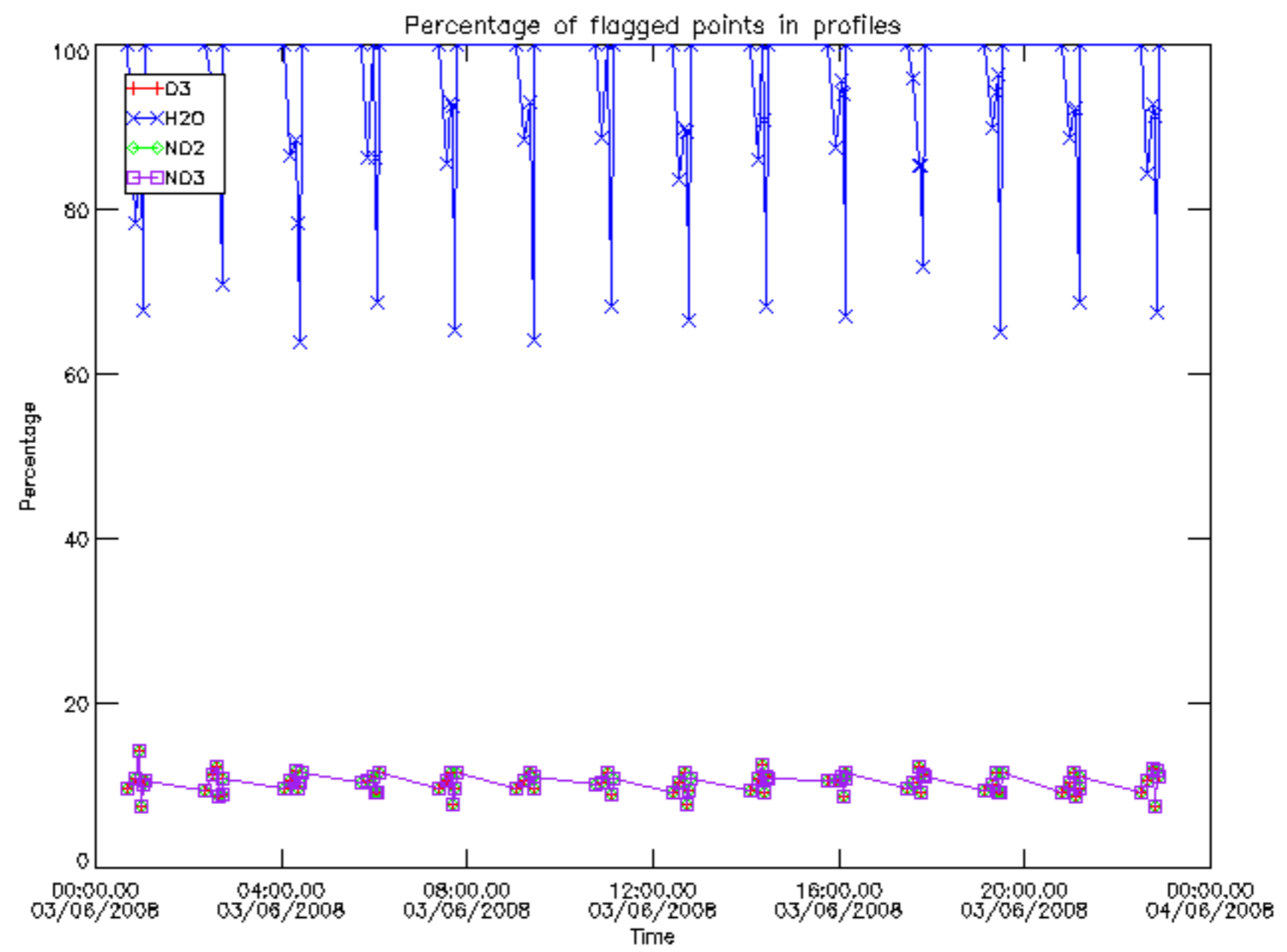


## 6. Auxiliary Data Files used for the production reported in section 2

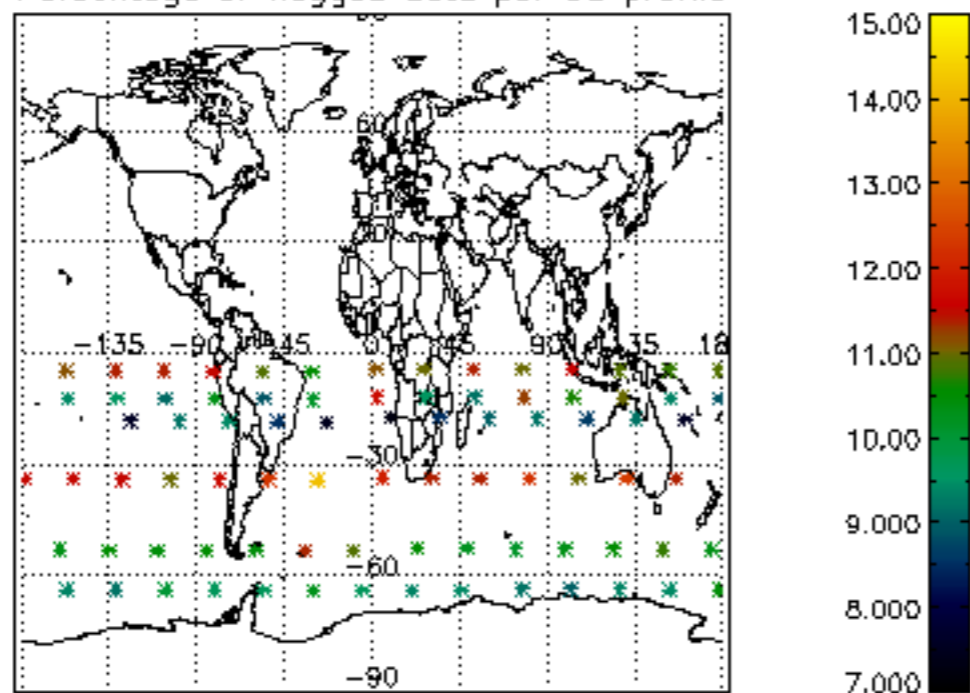
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUN-2008 00:01:52
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUN-2008 00:01:52
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUN-2008 00:01:52

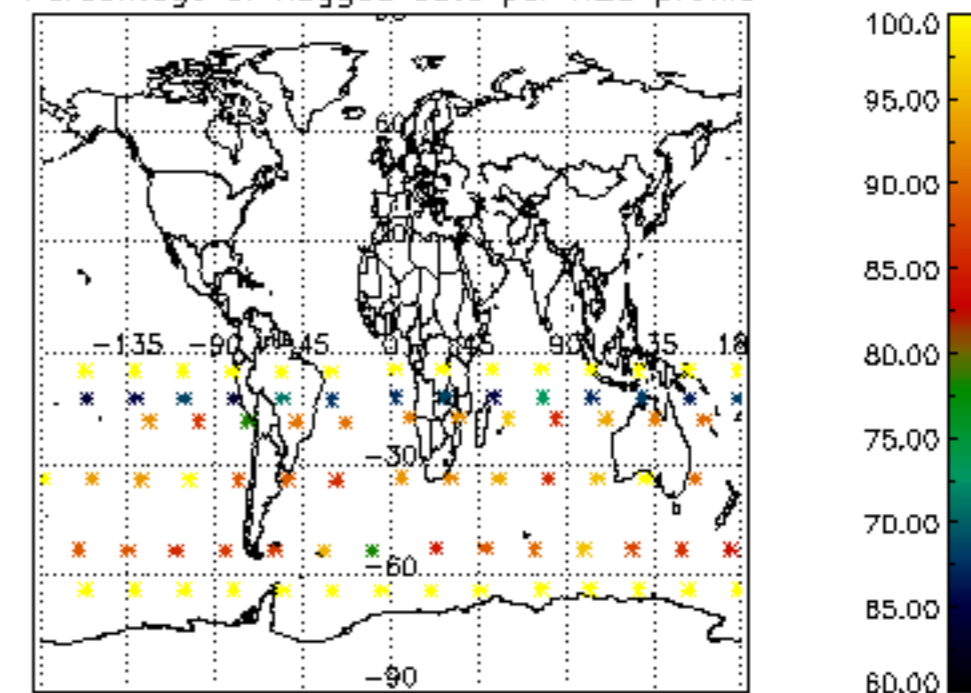




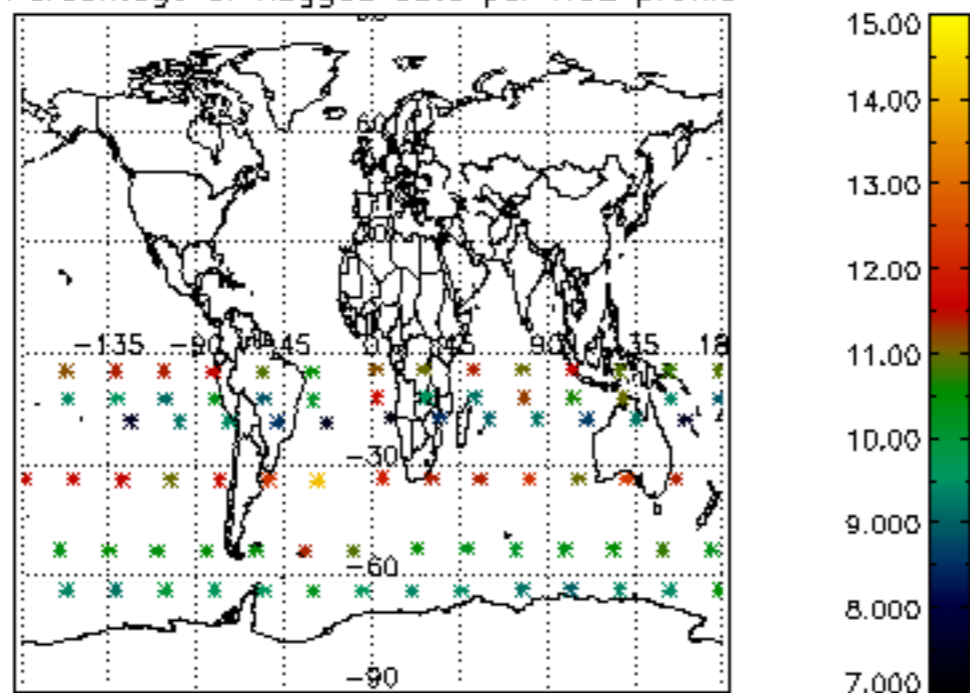
Percentage of flagged data per D3 profile



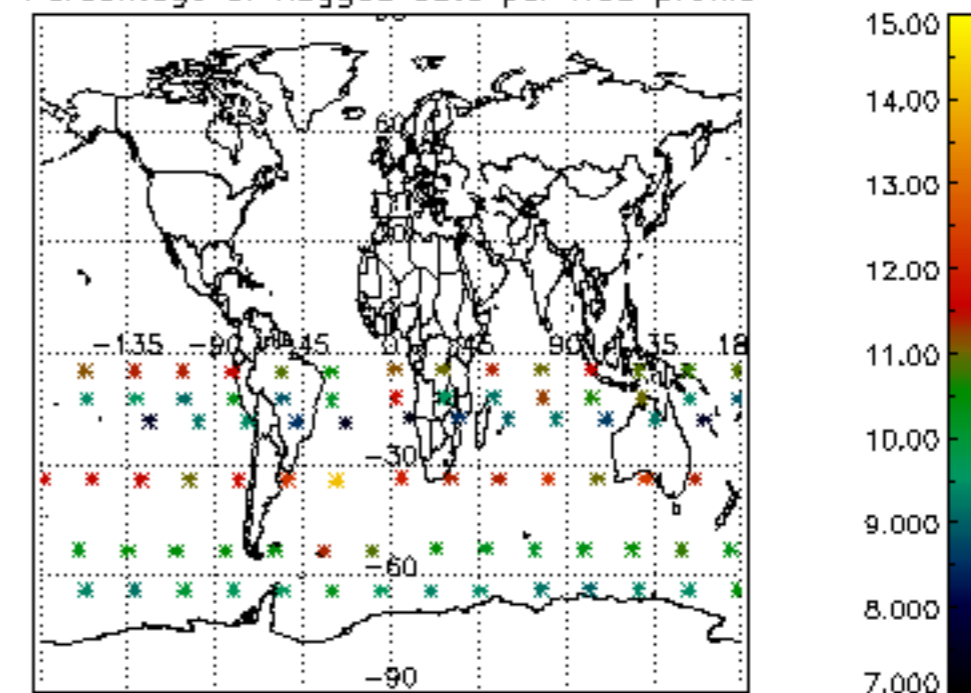
Percentage of flagged data per H2O profile

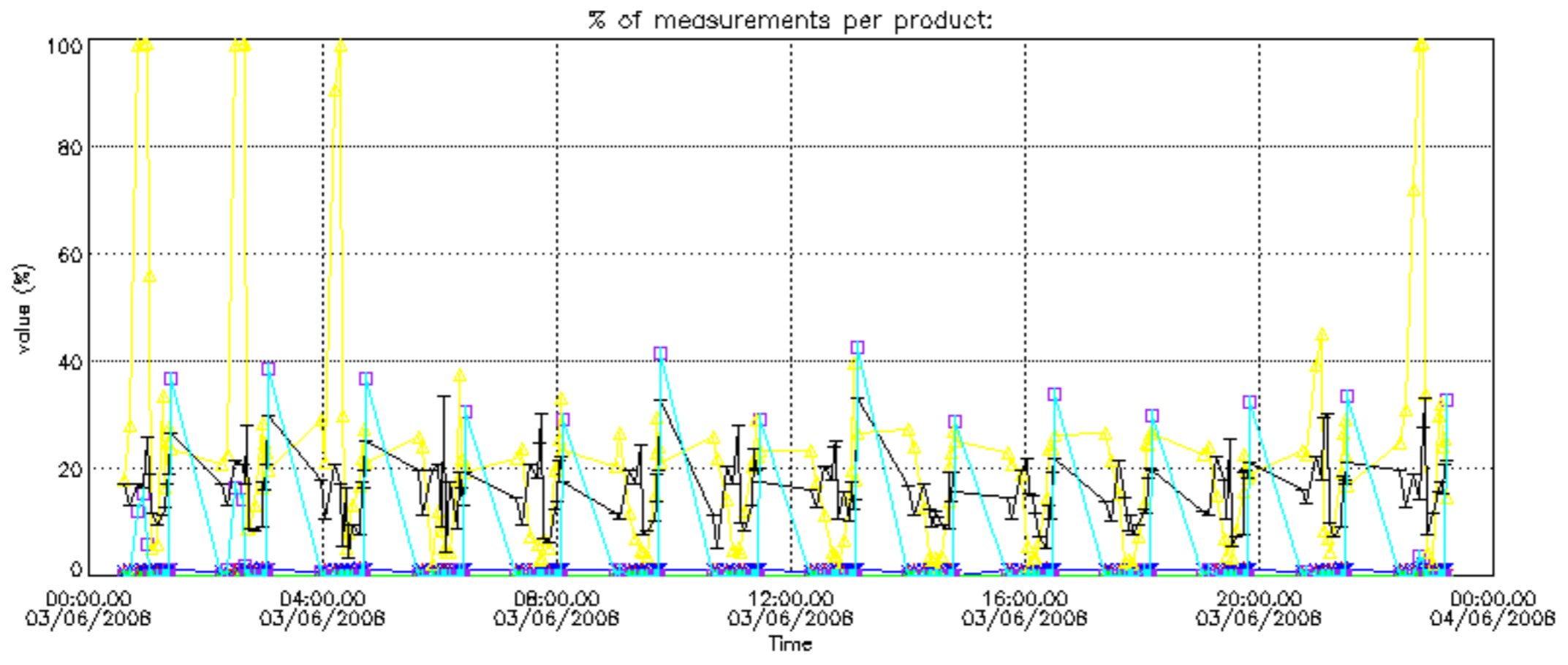


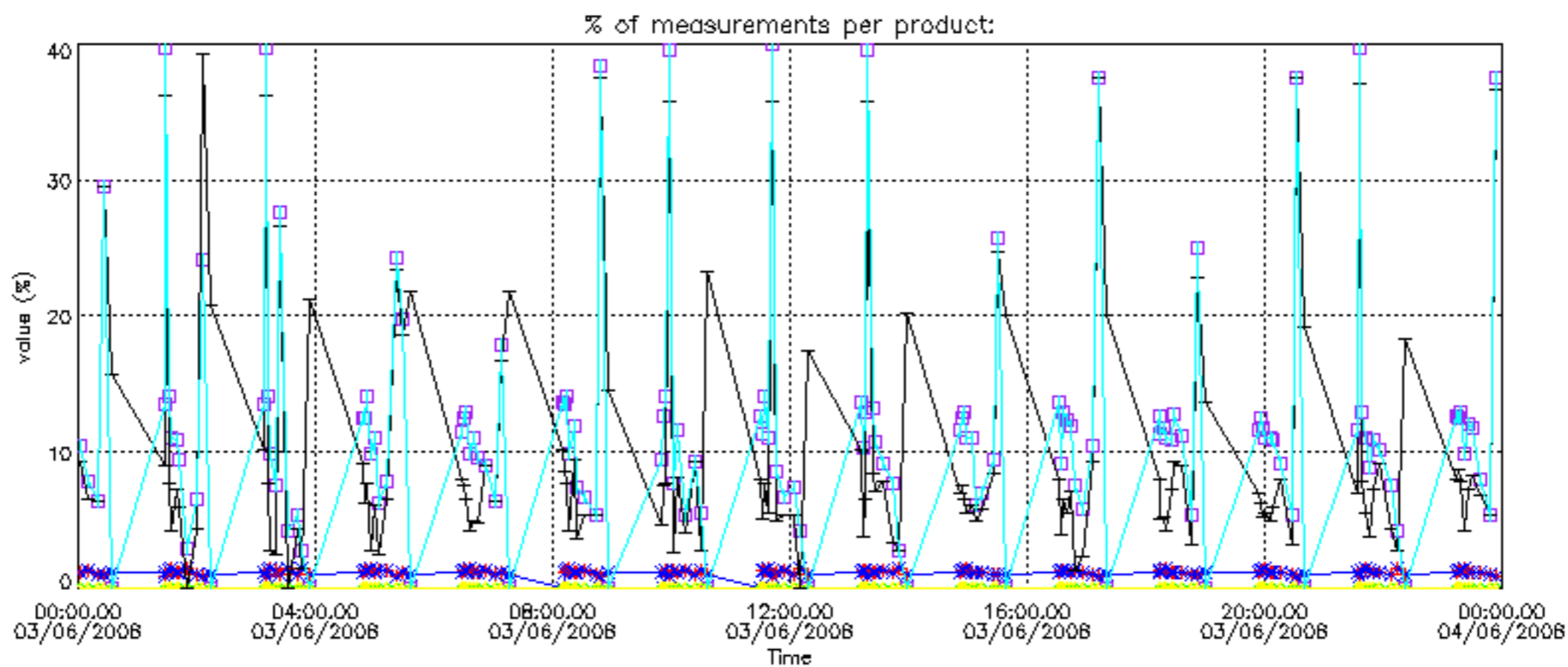
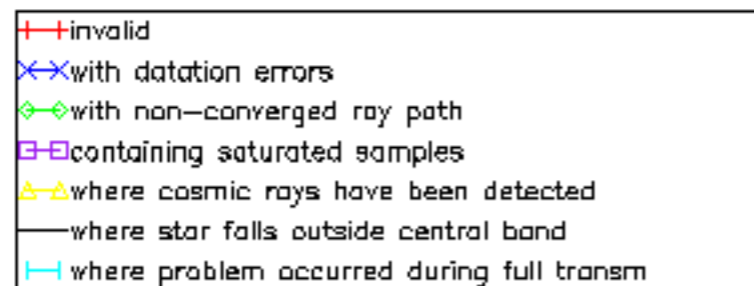
Percentage of flagged data per NO2 profile



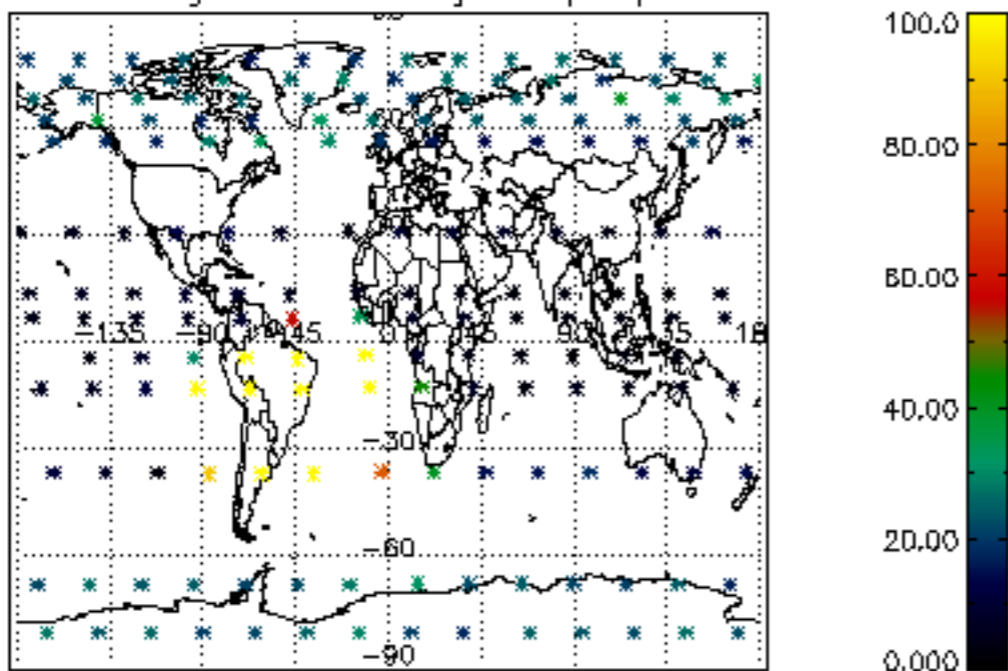
Percentage of flagged data per NO3 profile



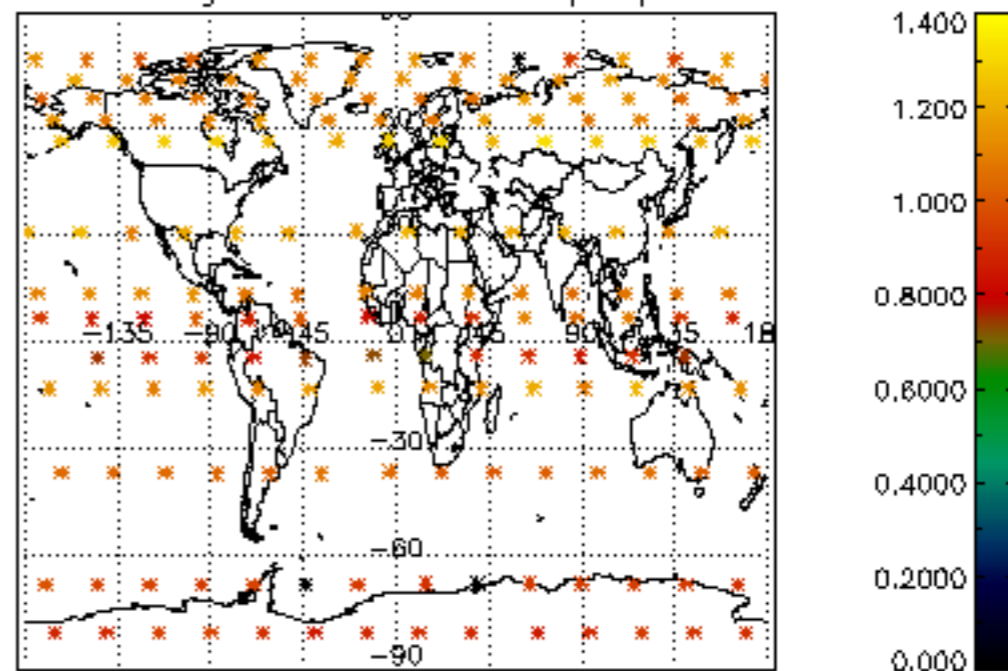




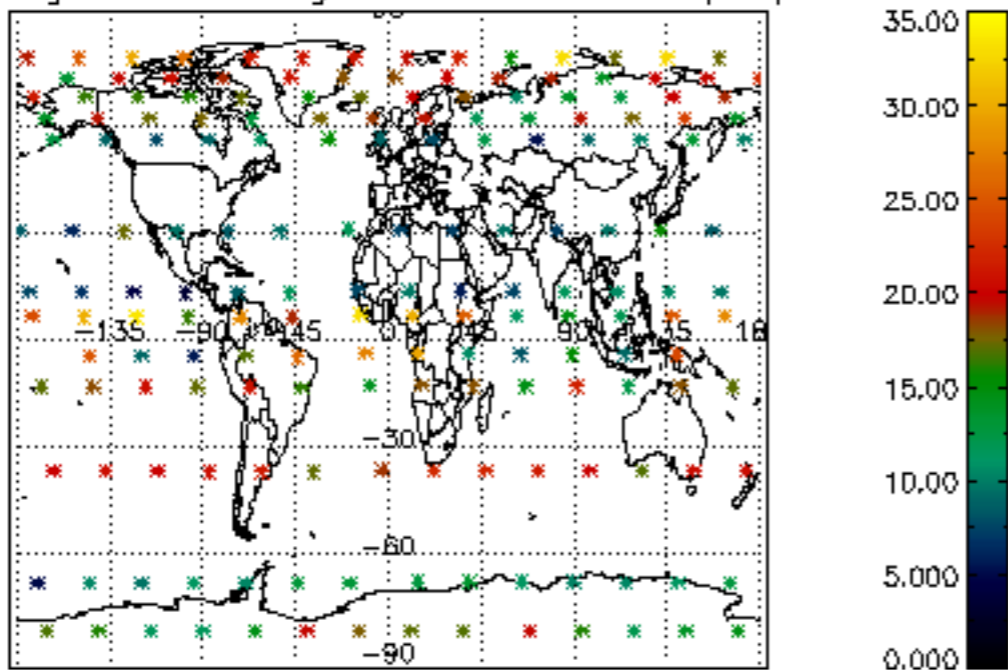
Percentage of cosmic ray hits per profile



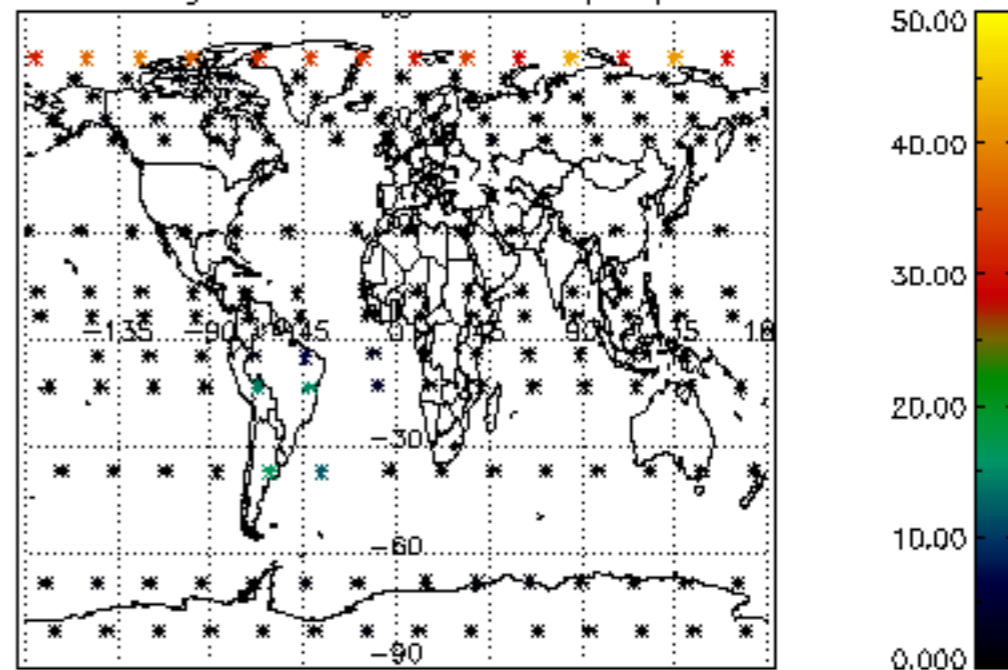
Percentage of datation errors per profile



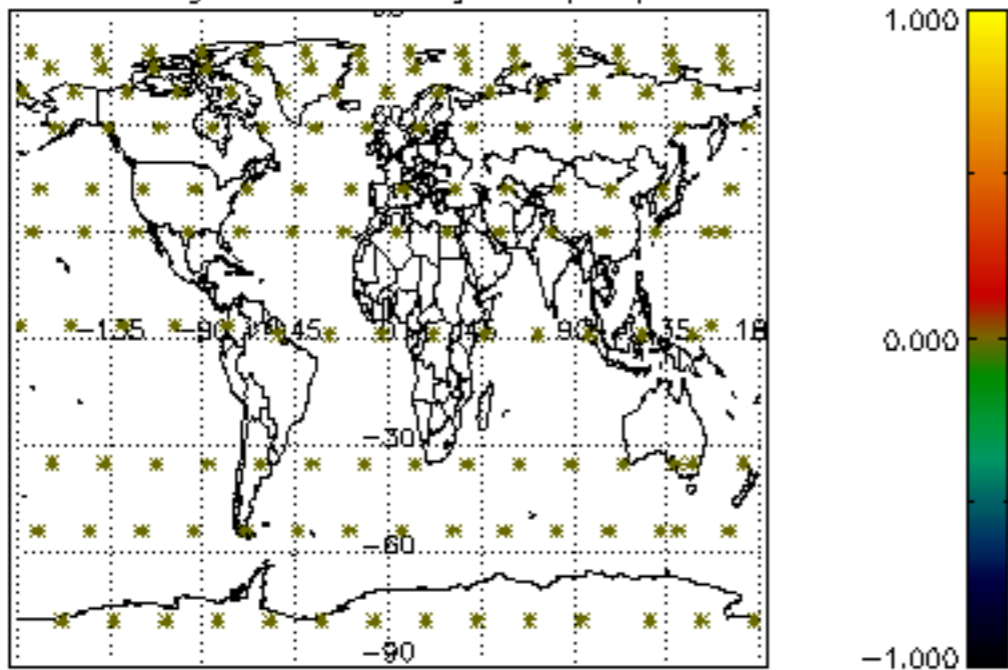
Percentage of star falling outside central band per profile



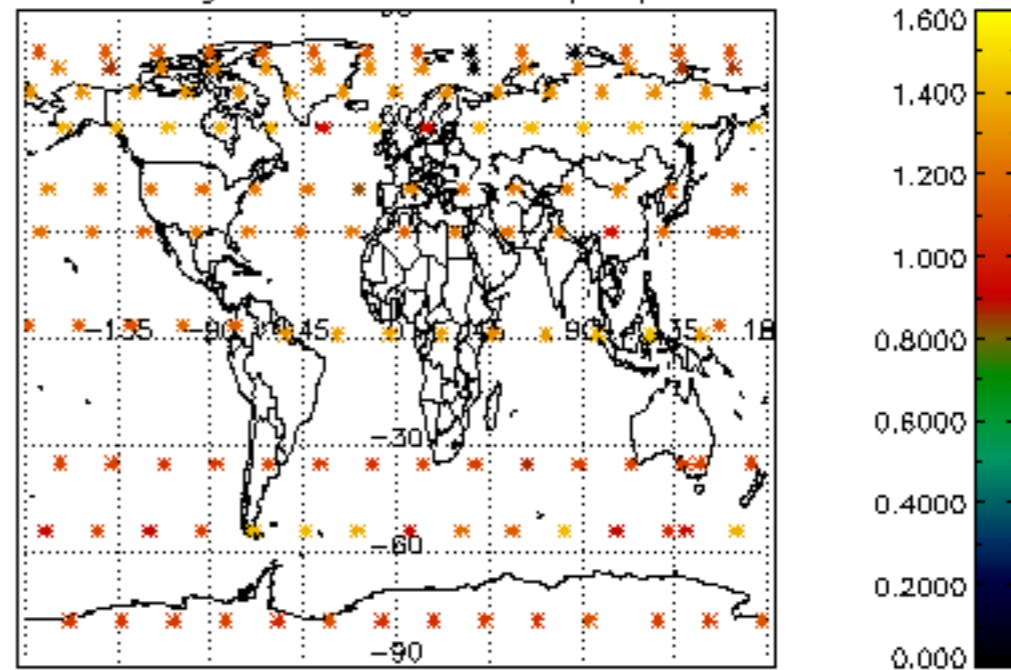
Percentage of saturation errors per profile



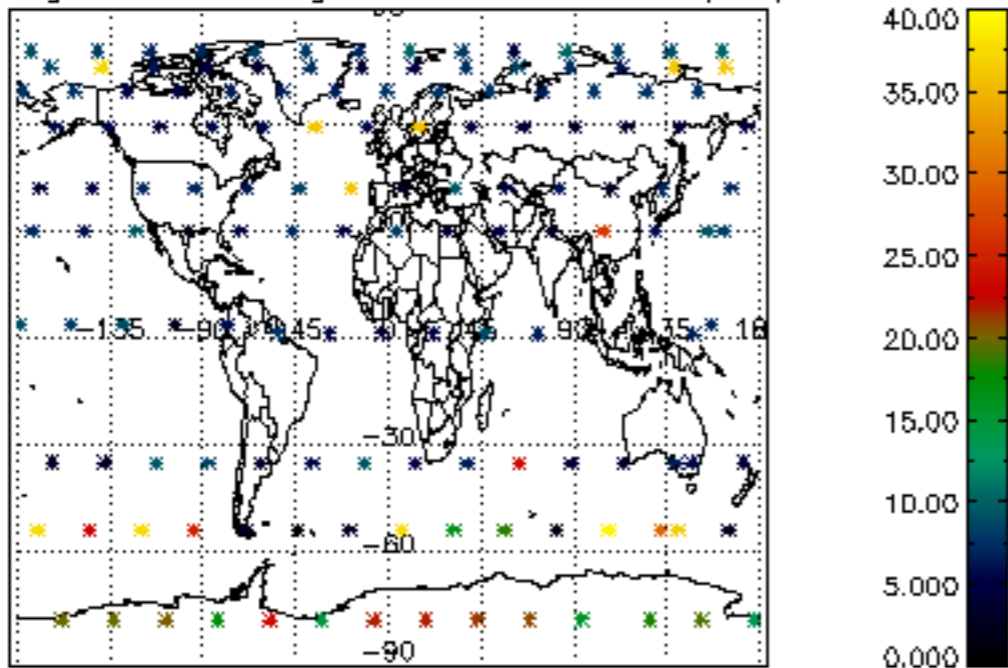
Percentage of cosmic ray hits per profile



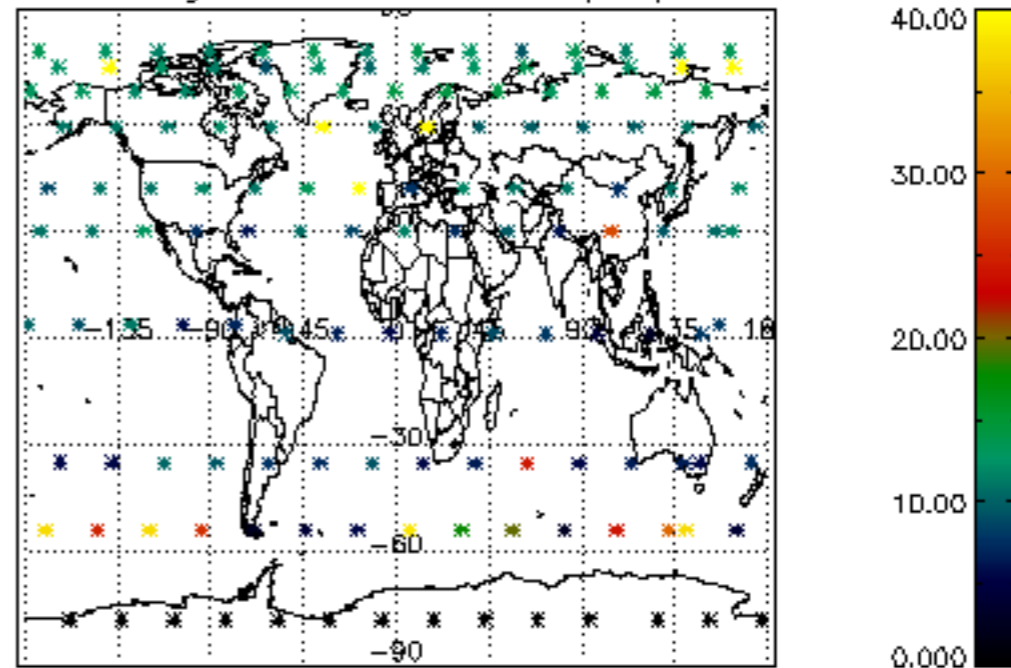
Percentage of datation errors per profile

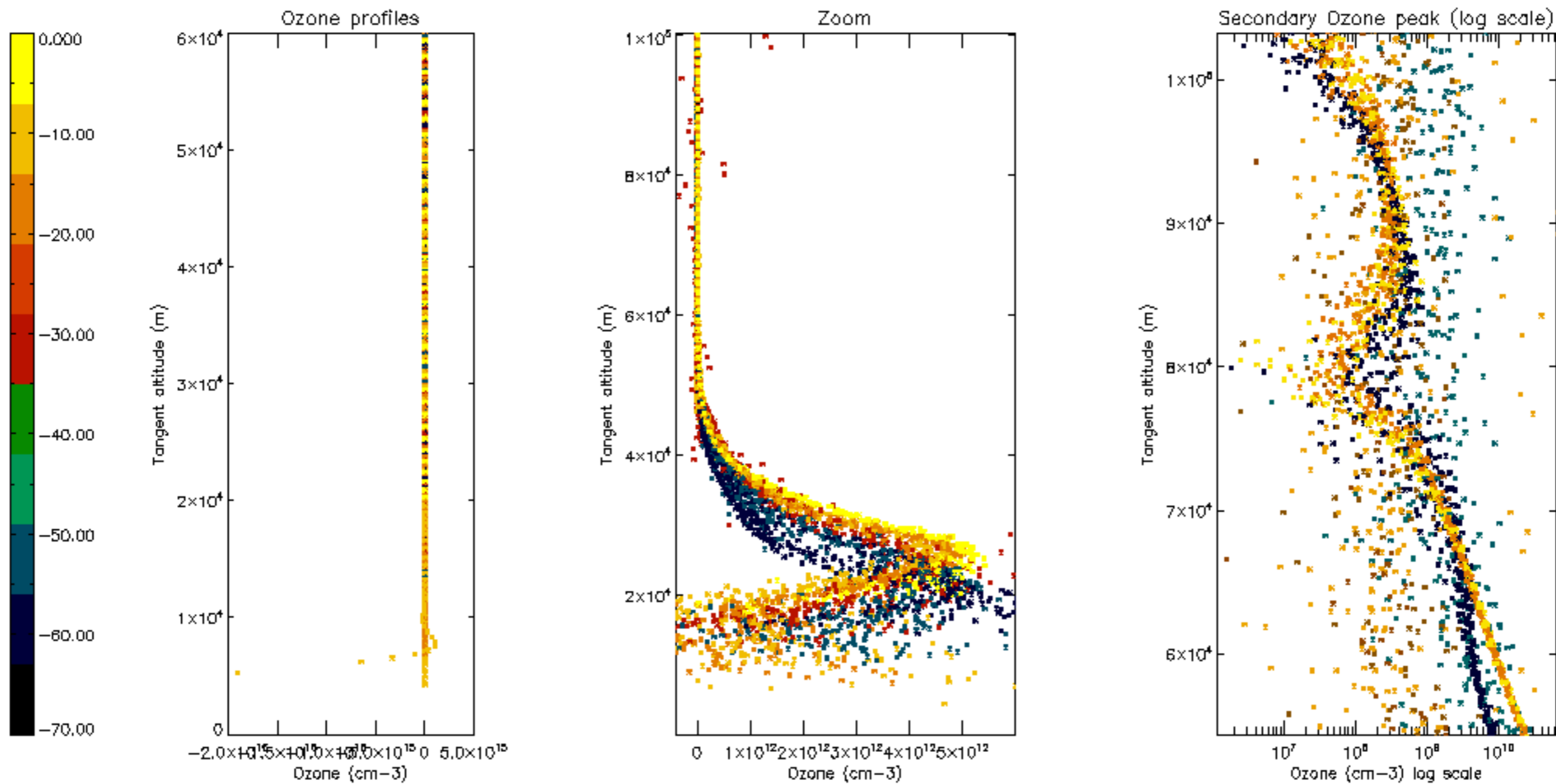


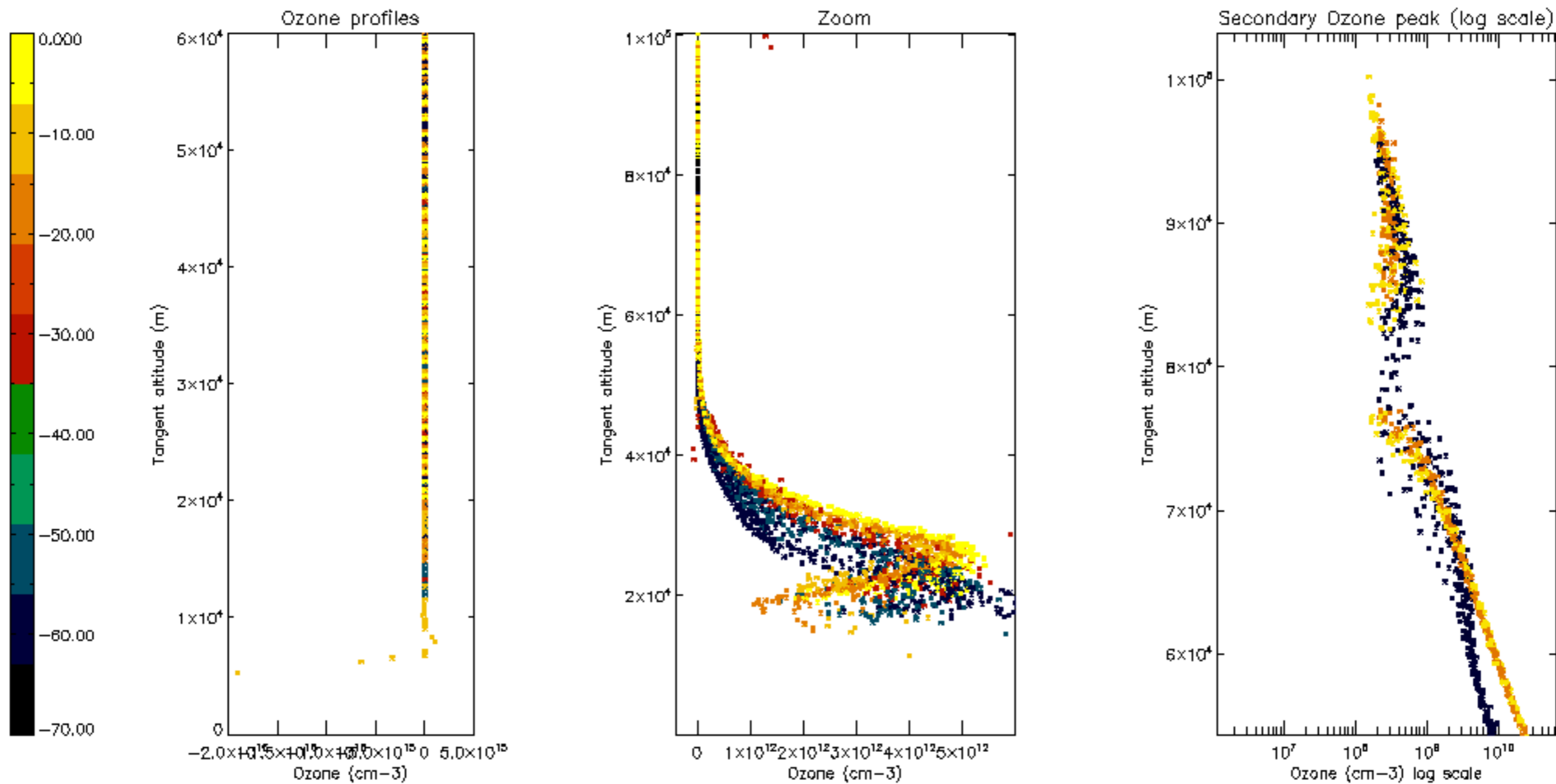
Percentage of star falling outside central band per profile



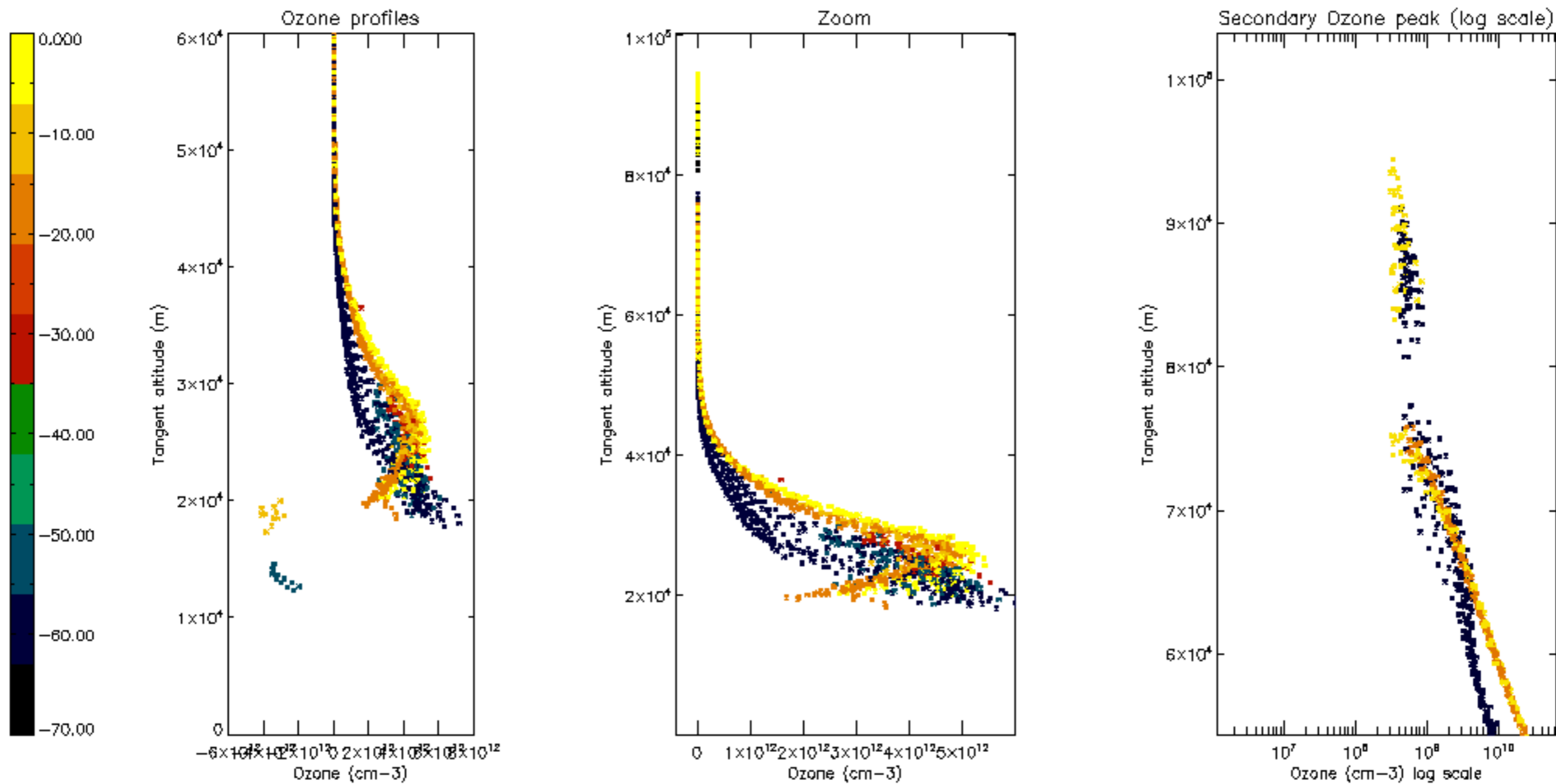
Percentage of saturation errors per profile

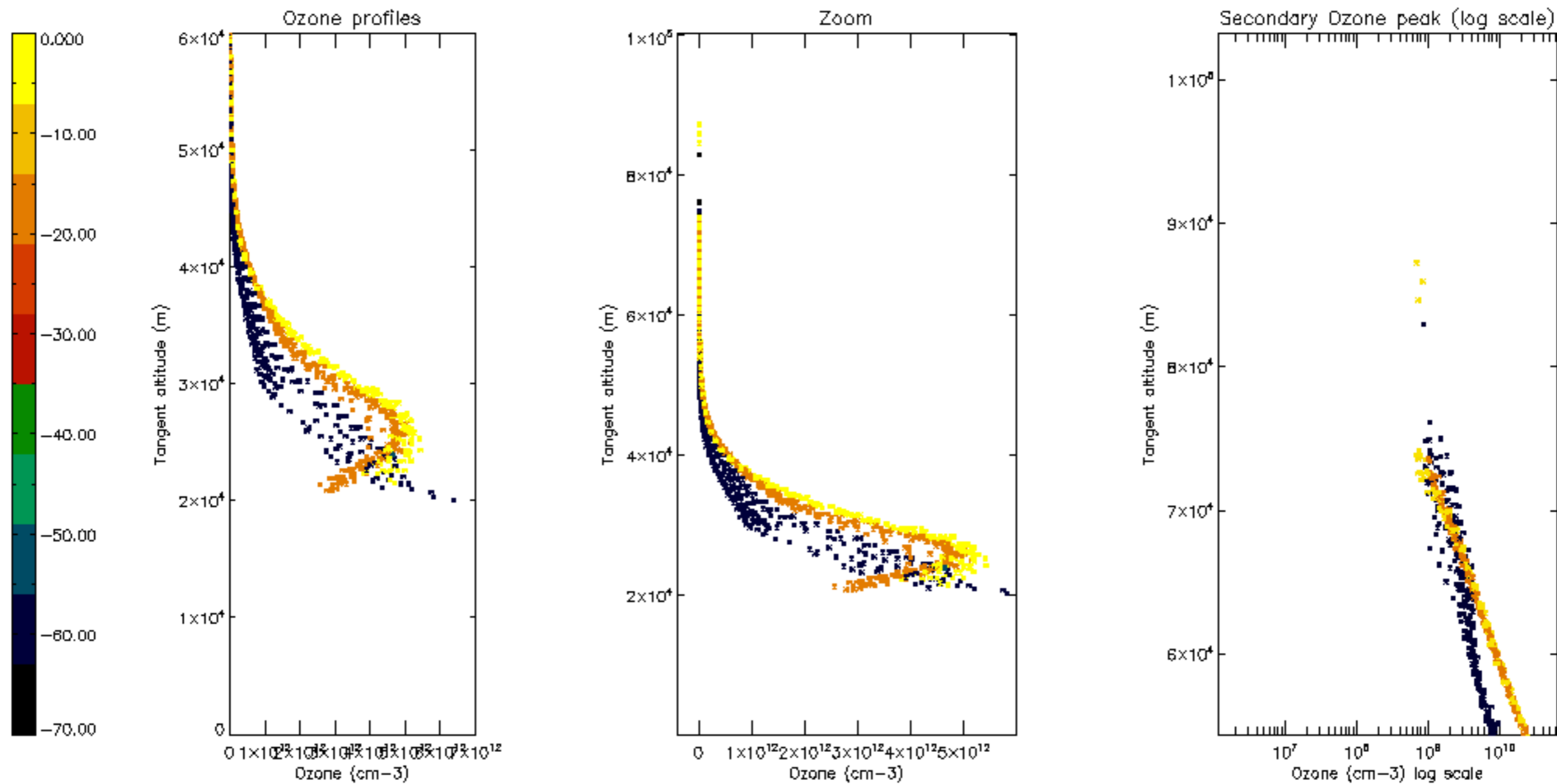


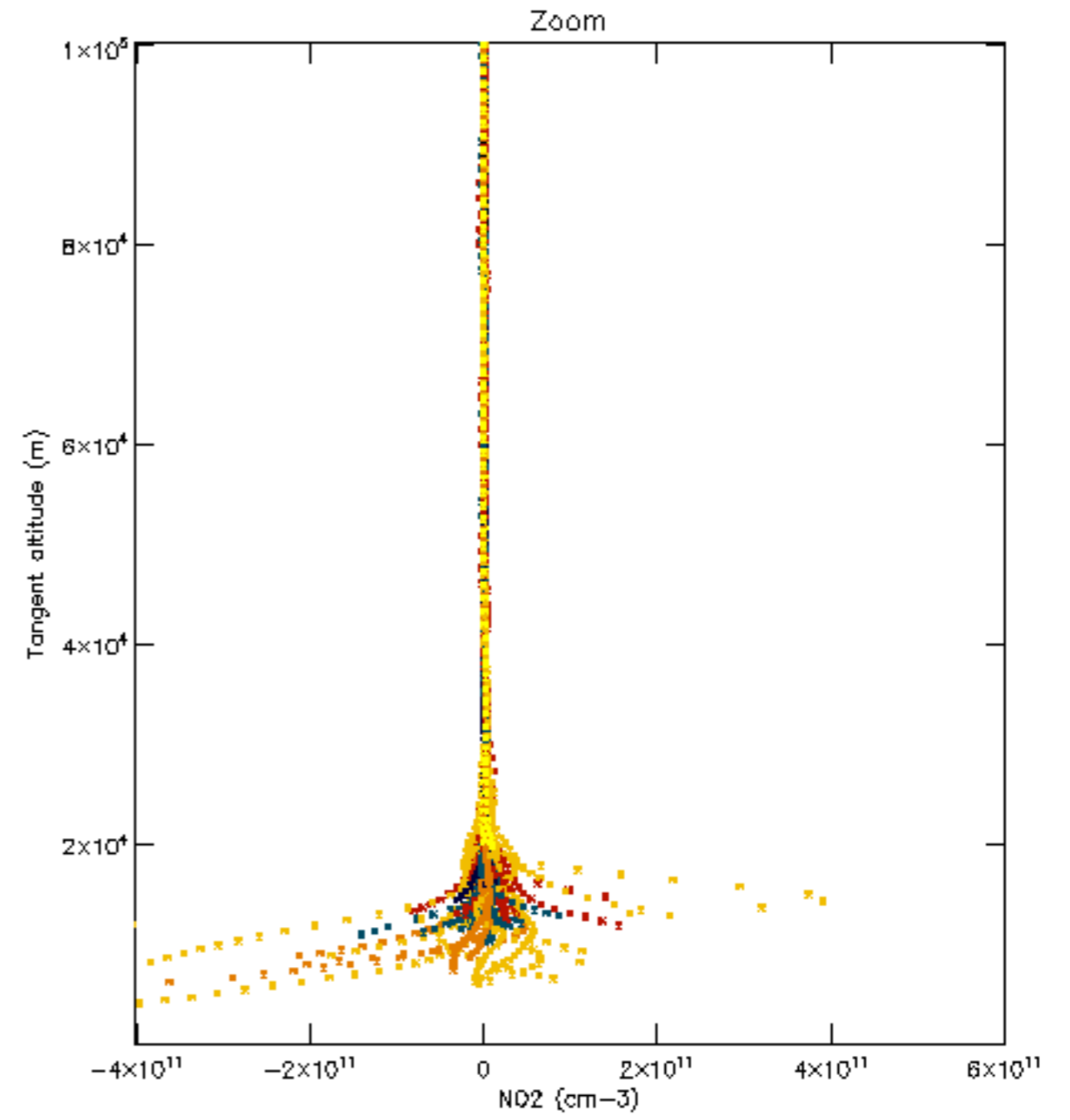
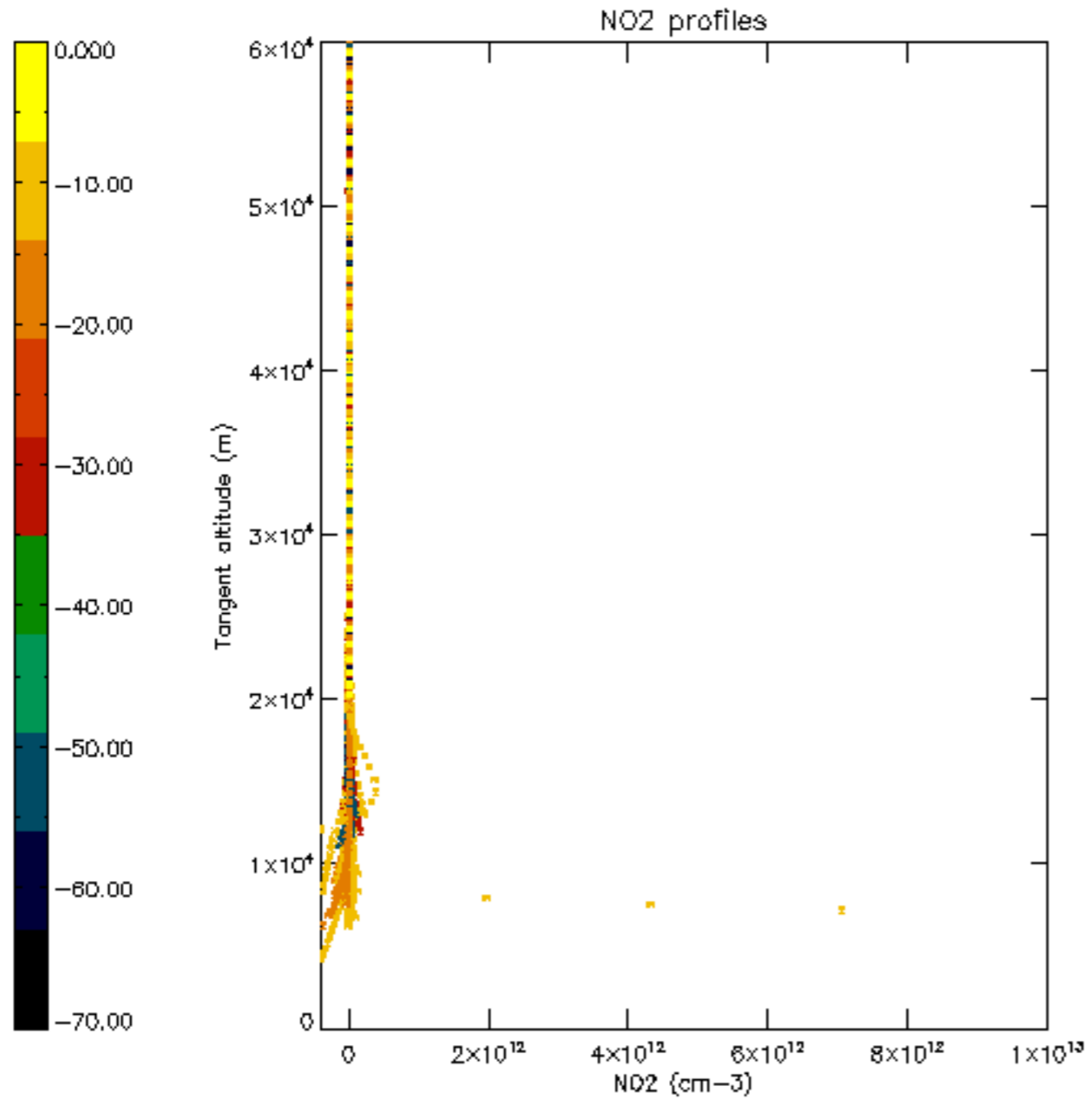


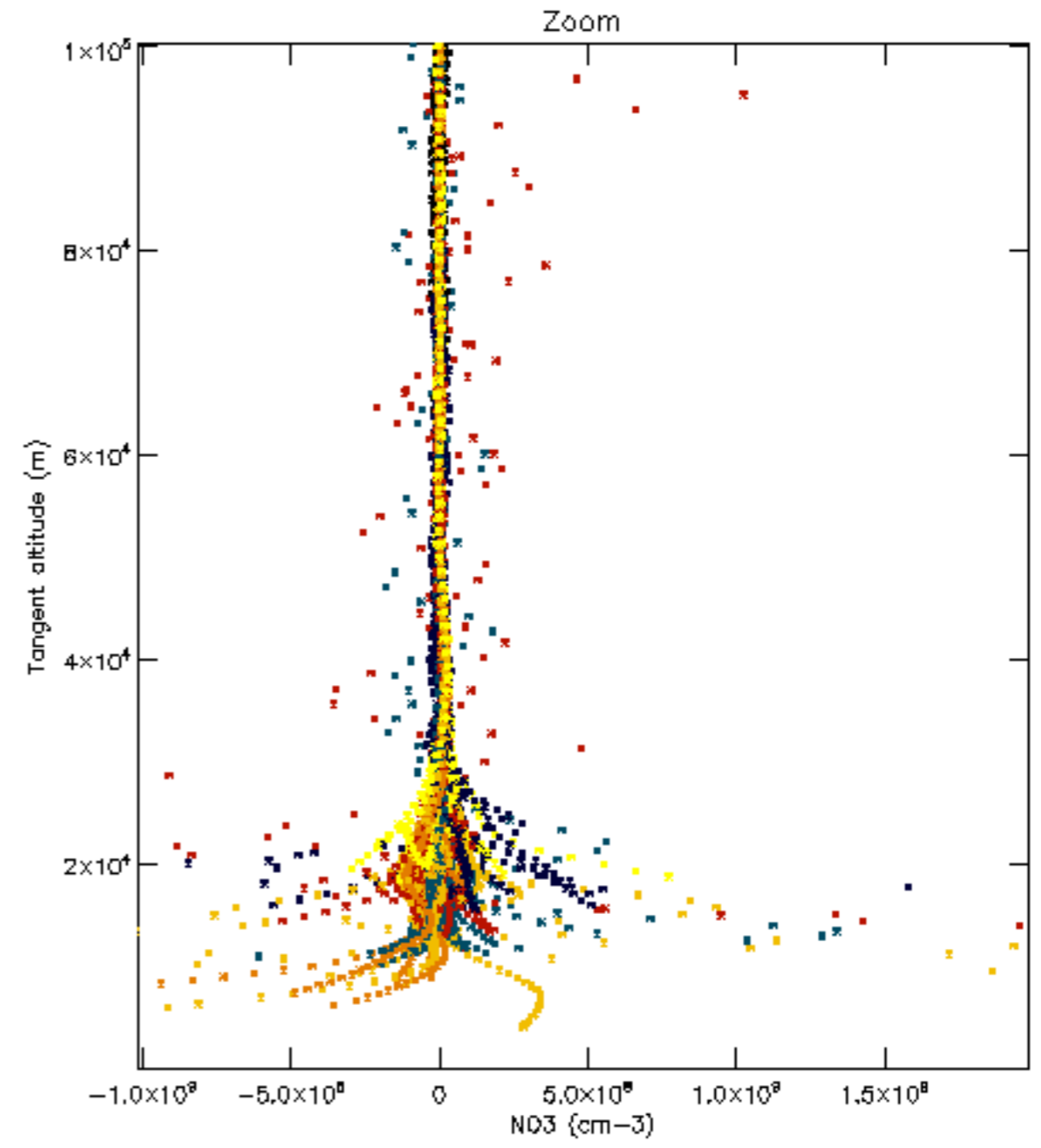
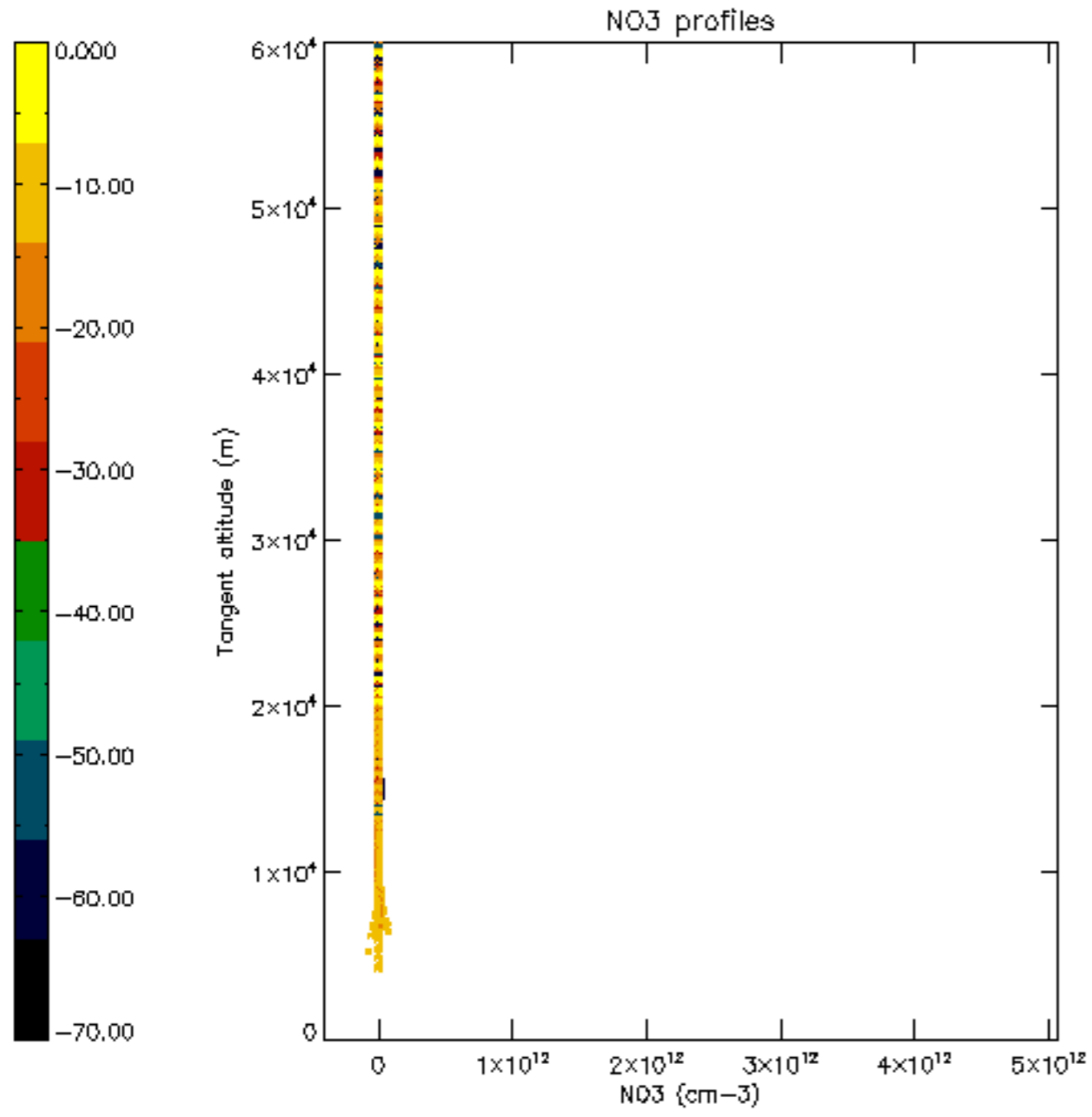


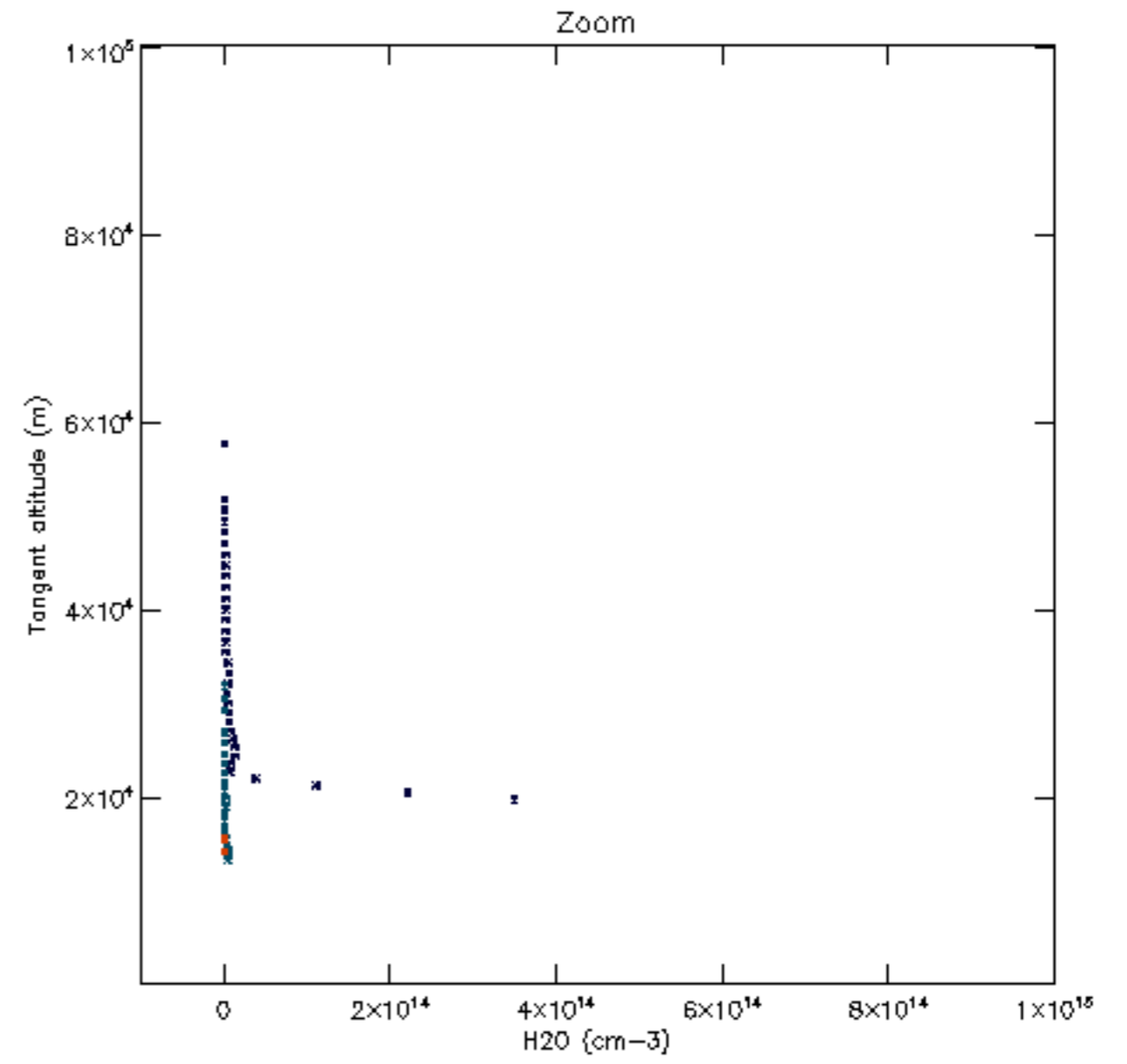
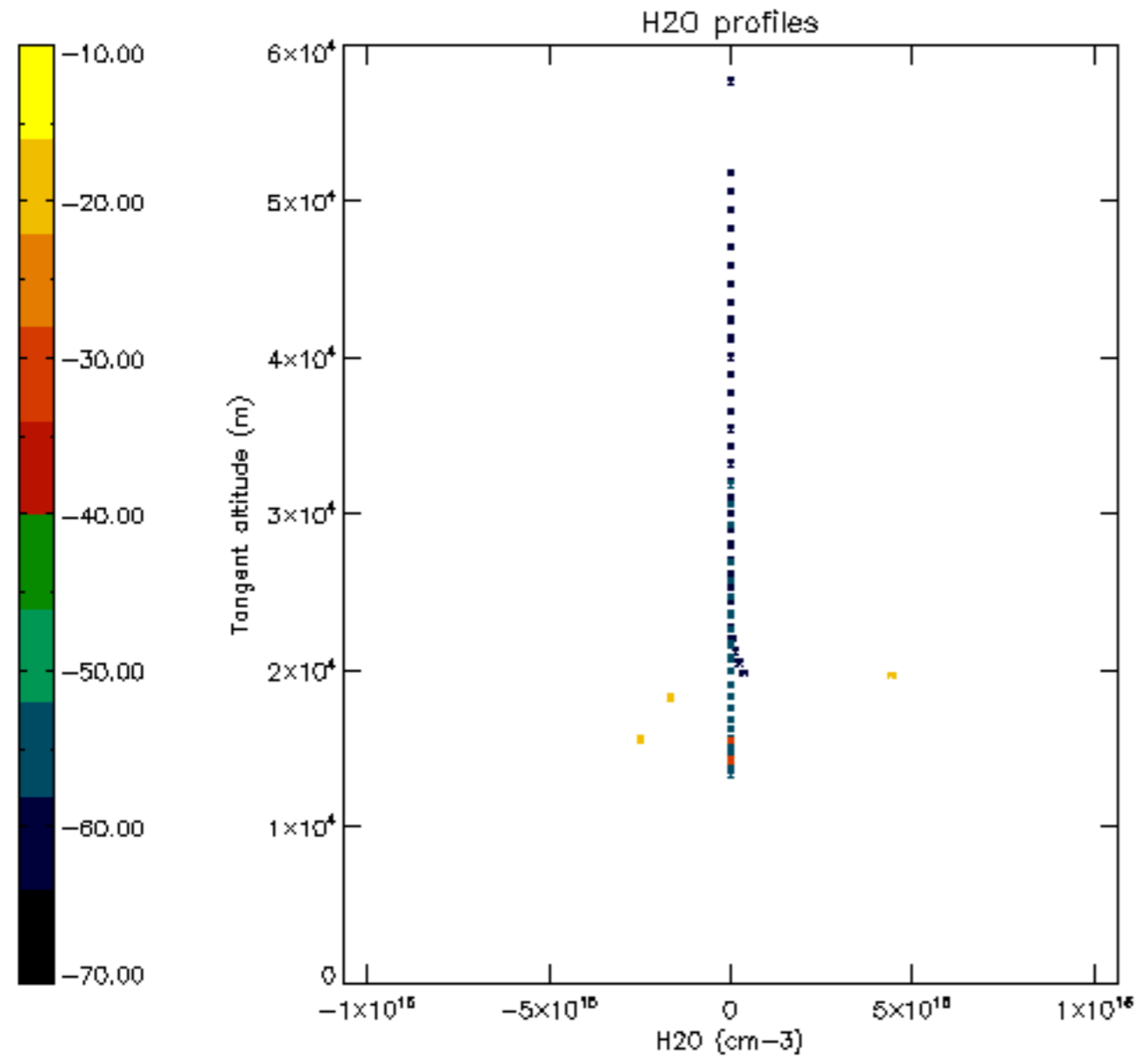


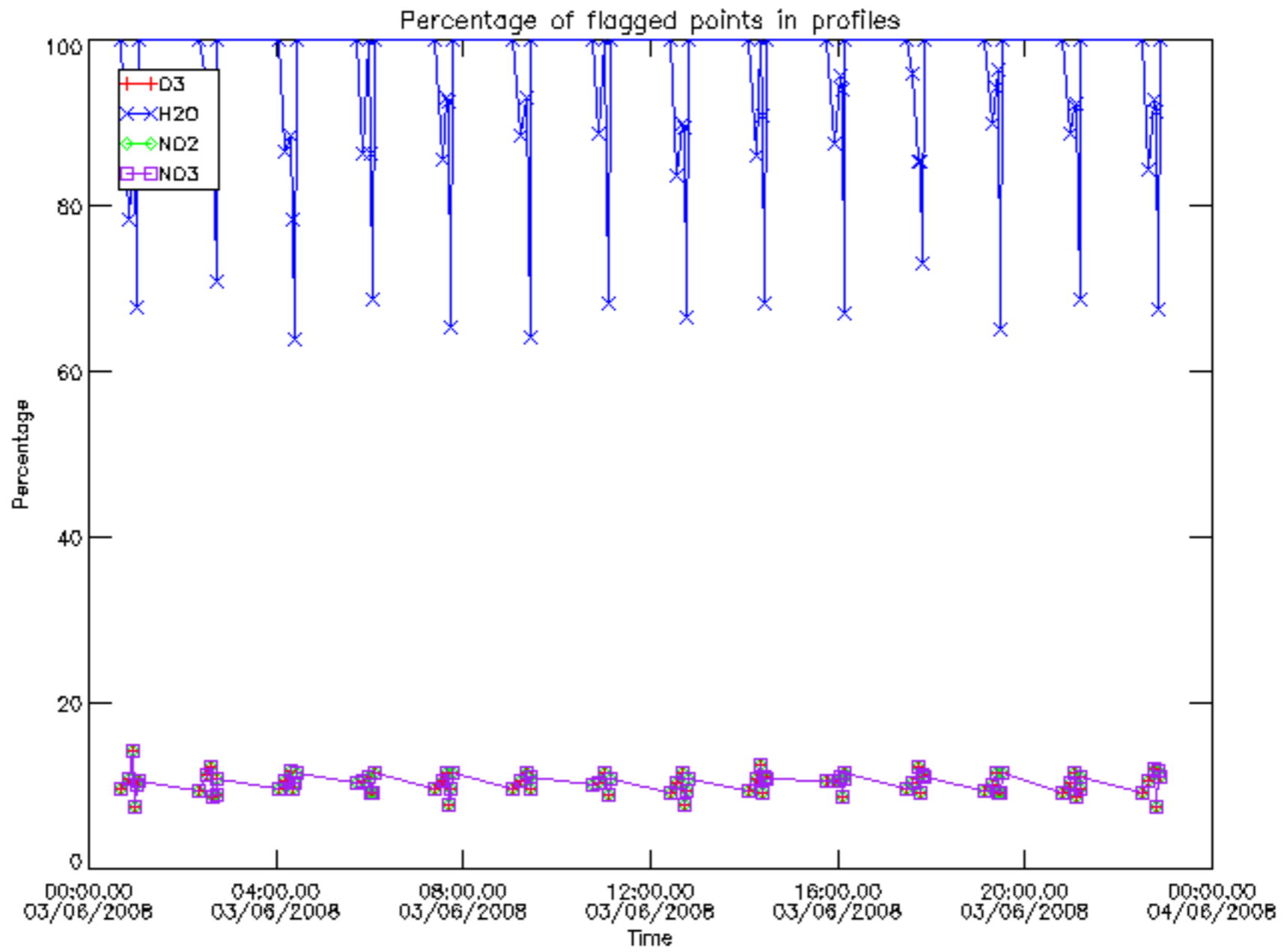




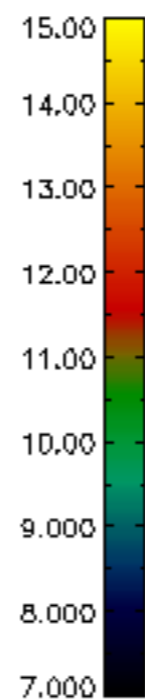
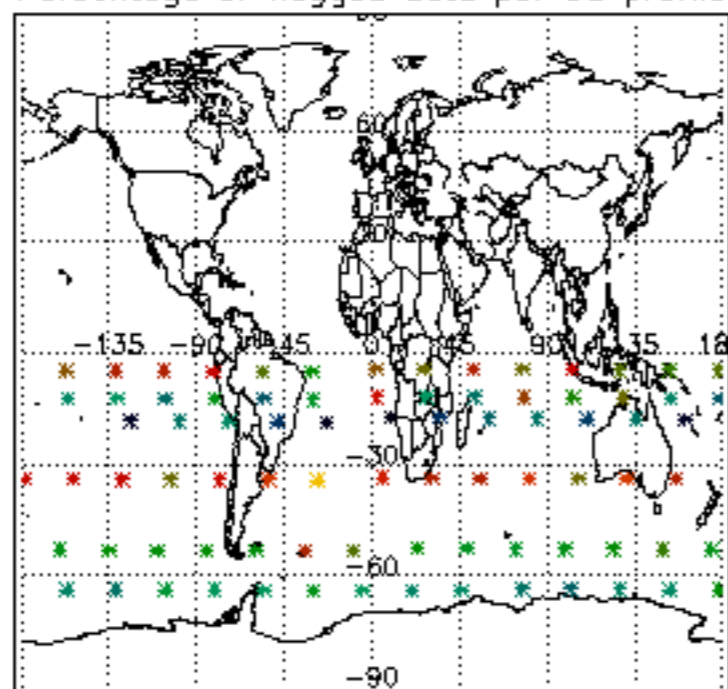




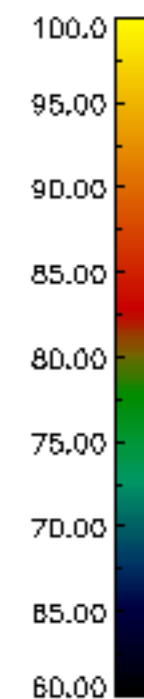
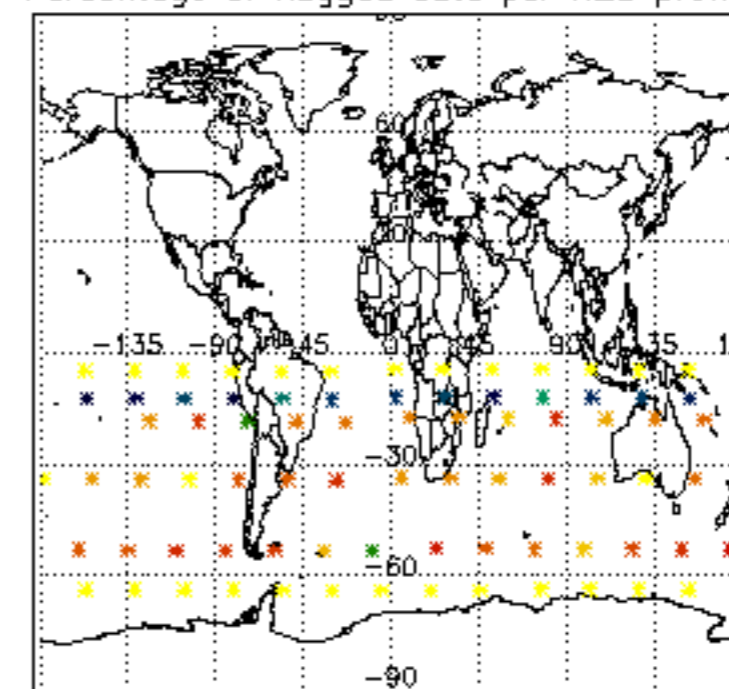




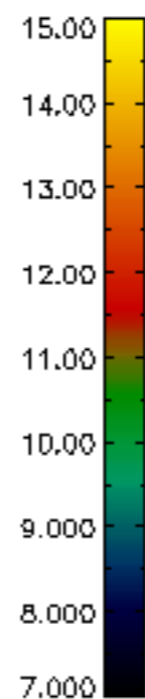
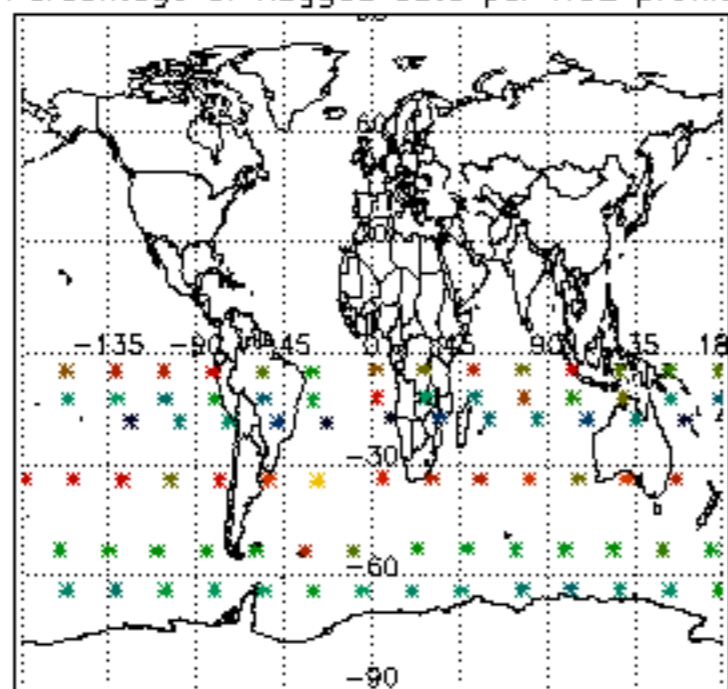
Percentage of flagged data per D3 profile



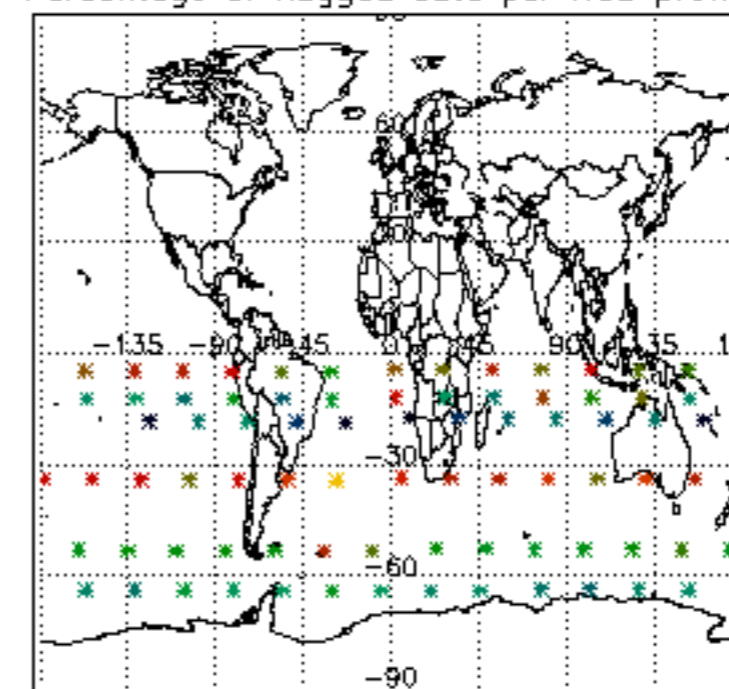
Percentage of flagged data per H2O profile

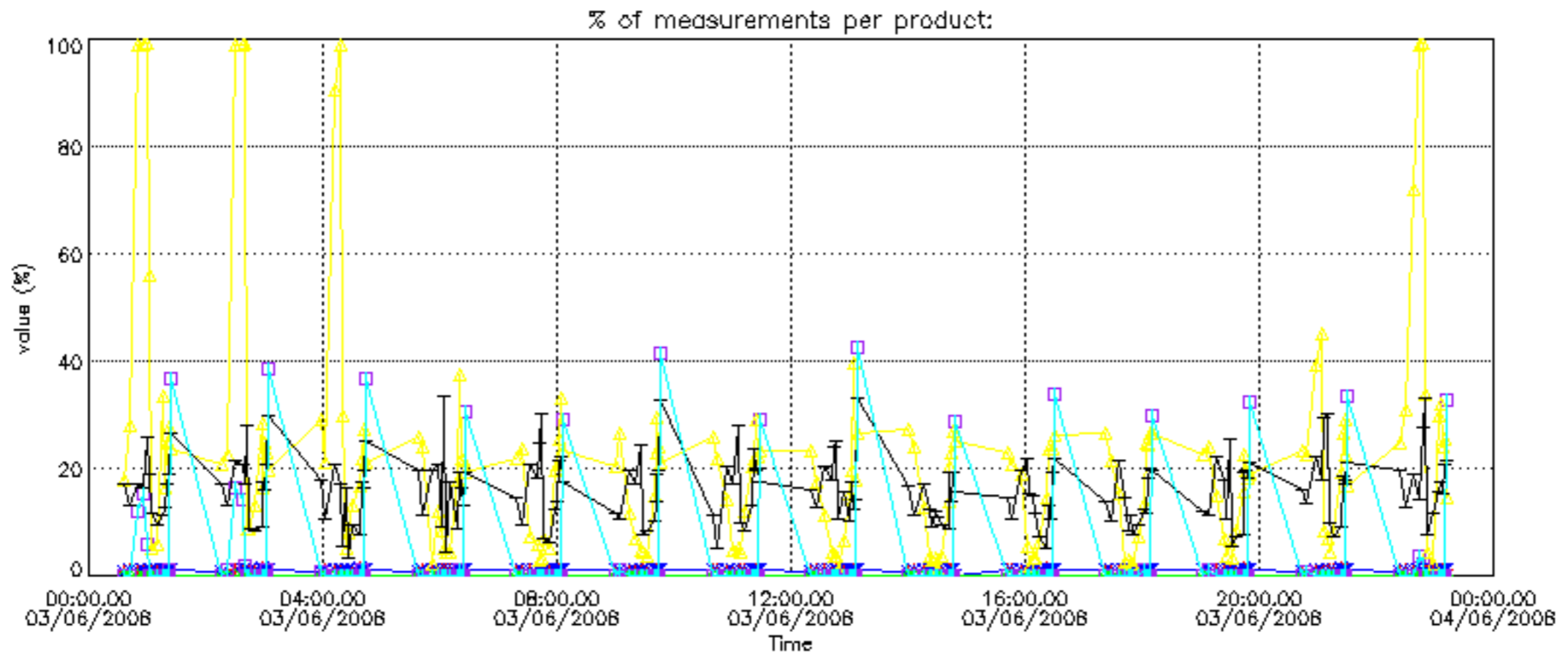


Percentage of flagged data per NO2 profile

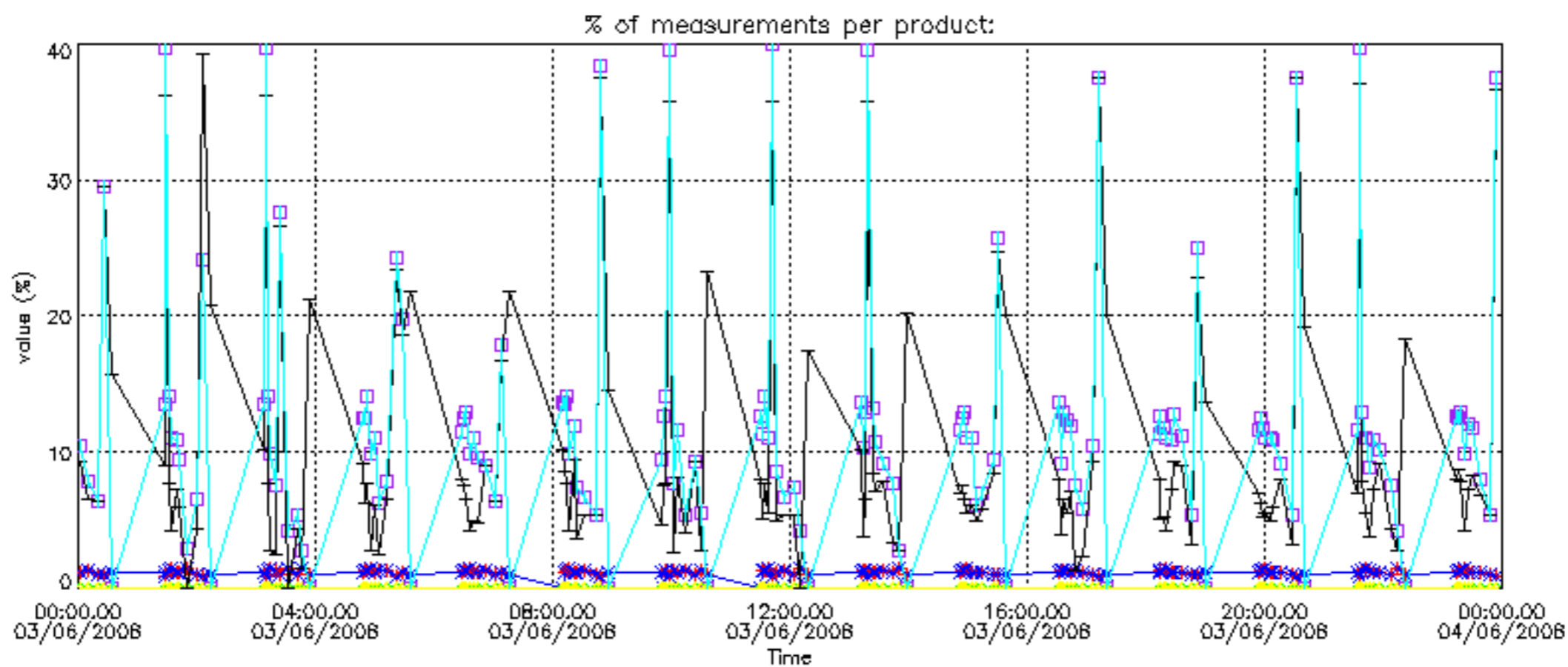


Percentage of flagged data per NO3 profile

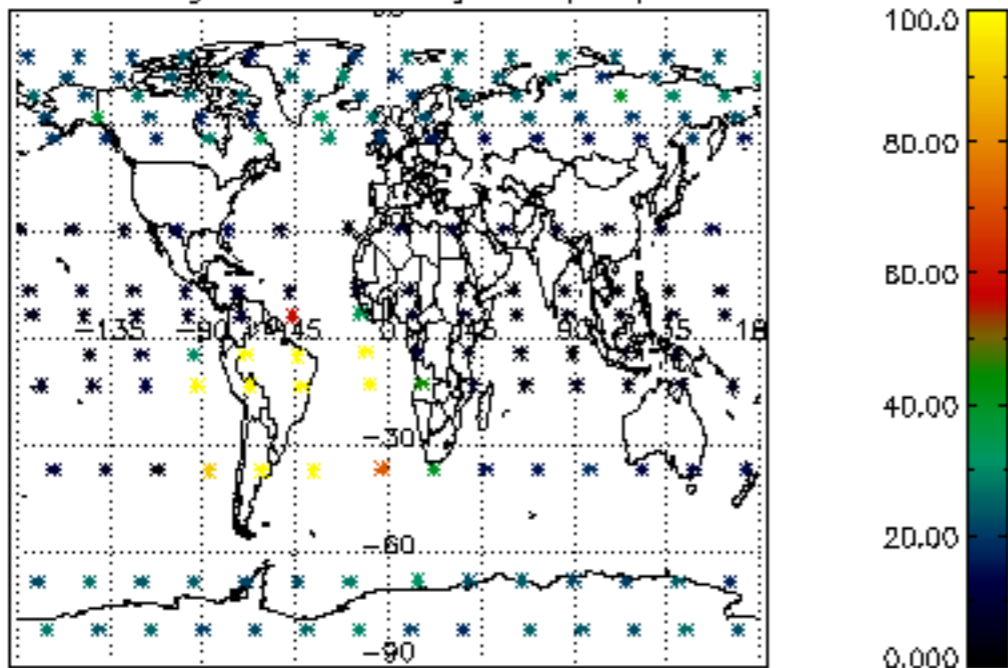




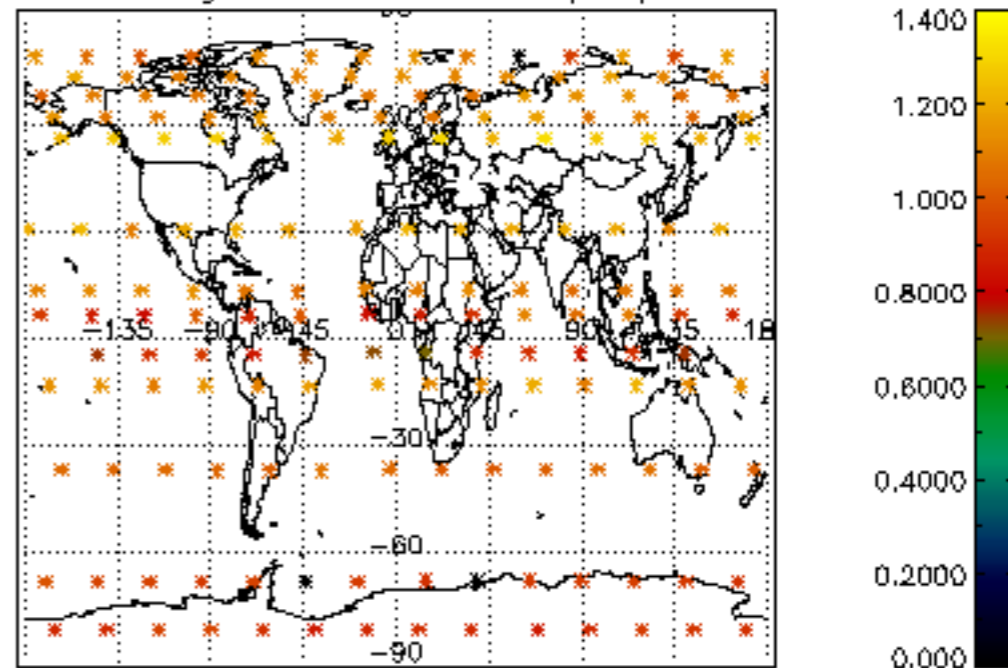




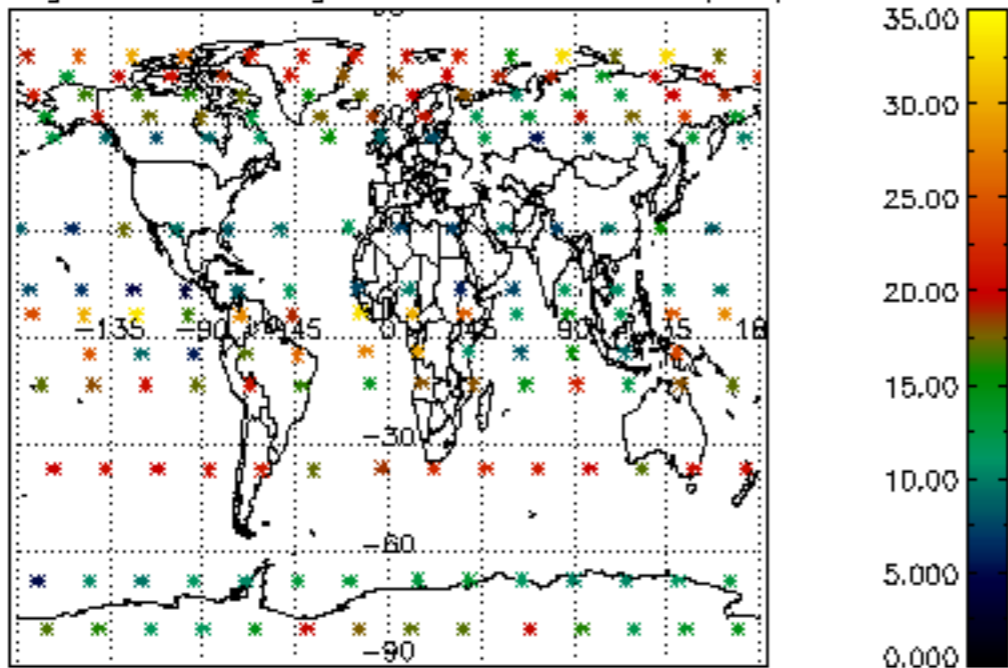
Percentage of cosmic ray hits per profile



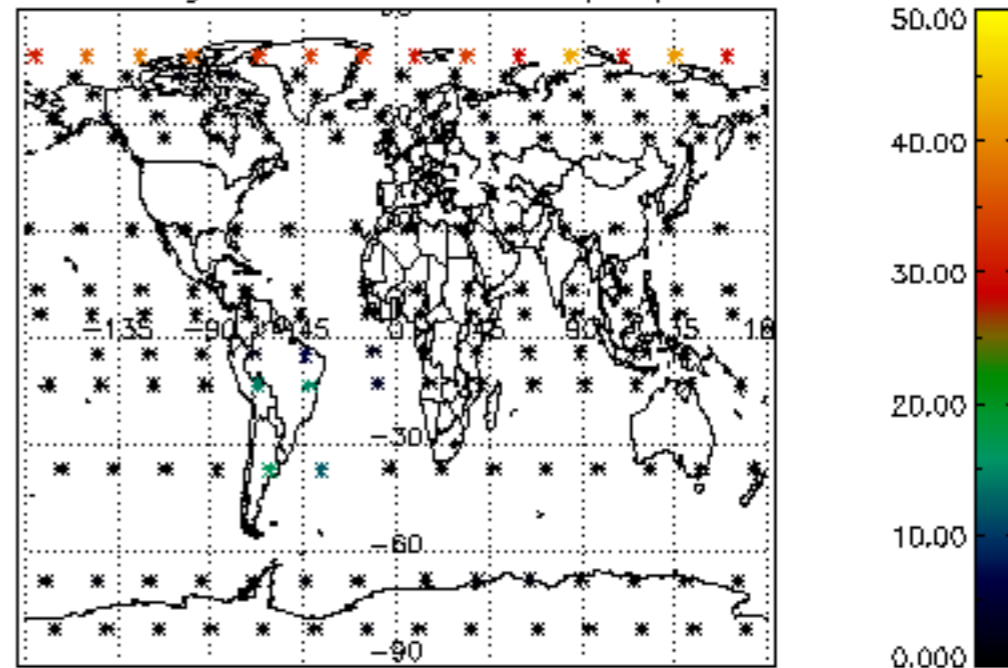
Percentage of datation errors per profile



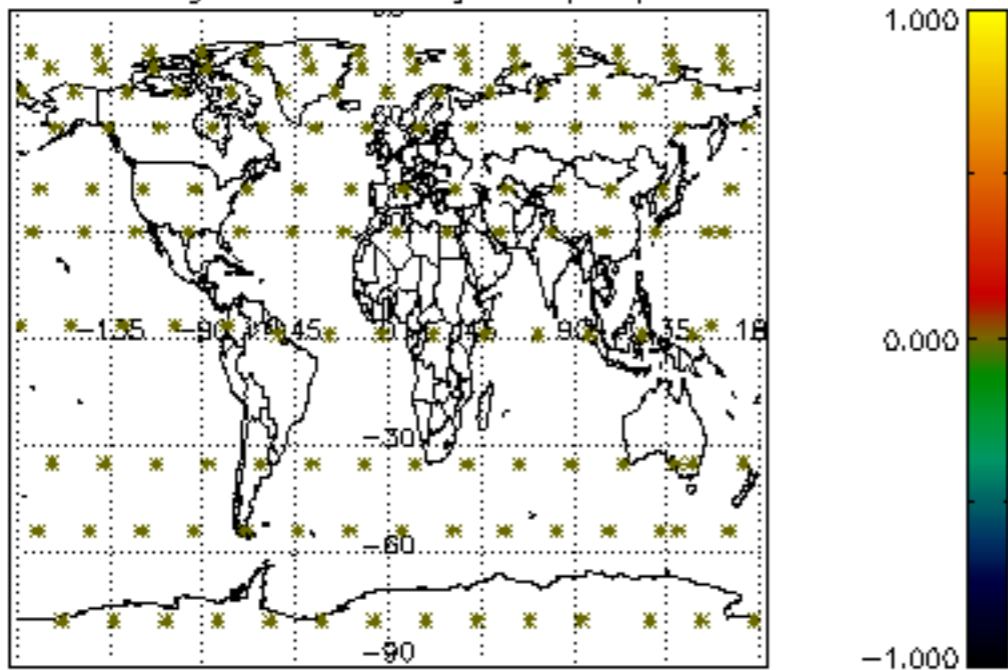
Percentage of star falling outside central band per profile



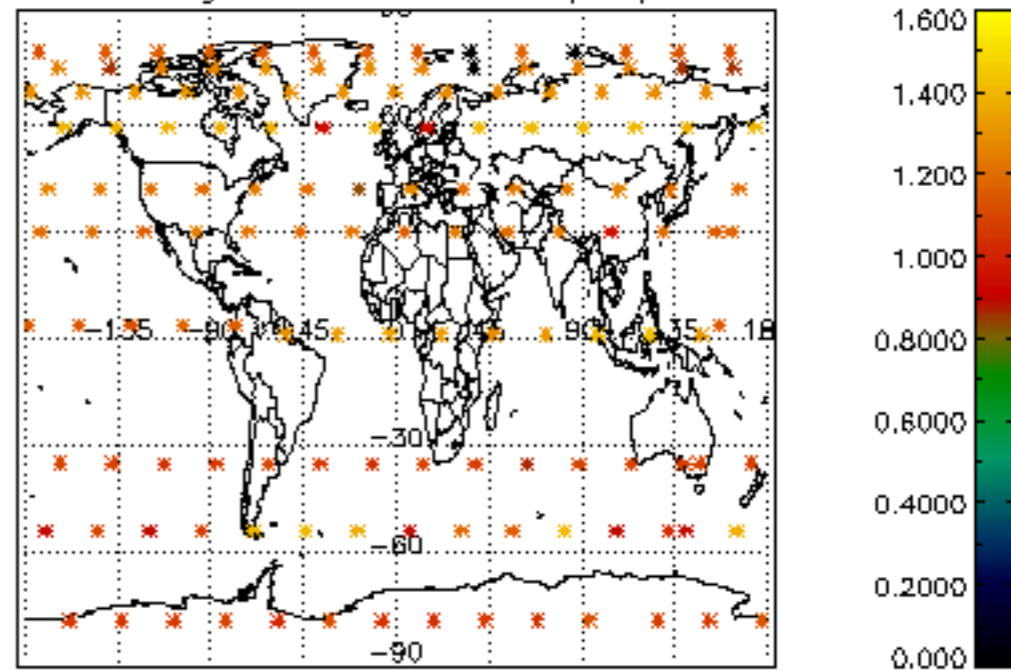
Percentage of saturation errors per profile



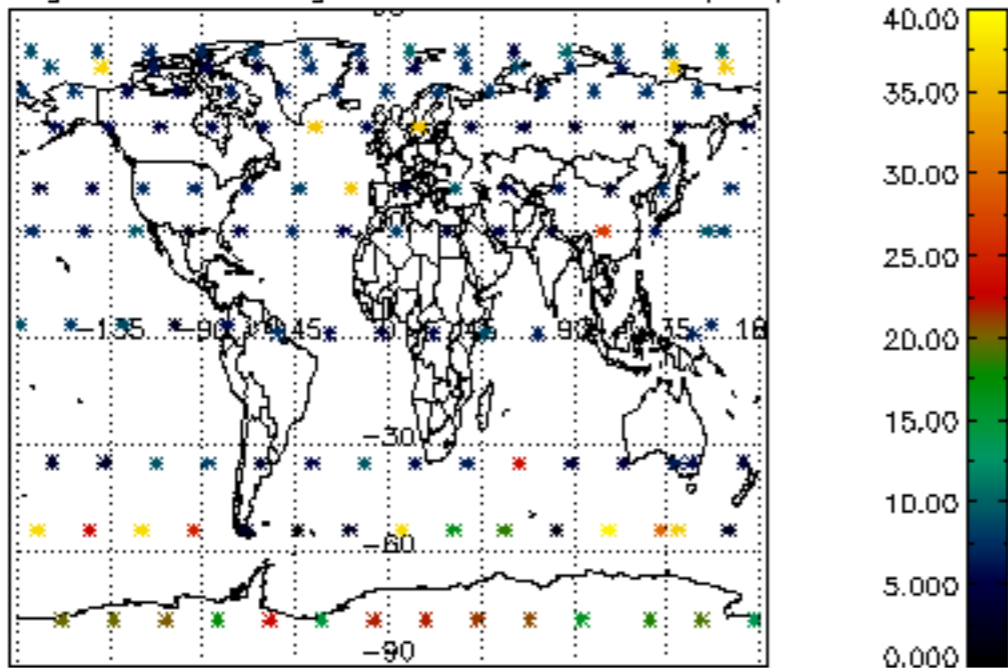
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

