

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	22APR2013 18:18:36
Data source version	GOMOS/6.01
Start time of products	11-04-2007 (11APR2007 00:00:00)
Stop time of products	12-04-2007 (12APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	325
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__2PRFIN20070411_000247_000000332057_00116_26723_9164.N1	11-APR-2007 00:02:47	Bright	33.000	164	44Eta Peg	2.9480	5400.0	66	26723	No
2	GOM_NL__2PRFIN20070411_000934_000000492057_00116_26723_9165.N1	11-APR-2007 00:09:34	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	26723	No
3	GOM_NL__2PRFIN20070411_001202_000000432057_00116_26723_9166.N1	11-APR-2007 00:12:02	Dark	42.500	162	34Alp Aqr	2.9440	5350.0	85	26723	No
4	GOM_NL__2PRFIN20070411_001426_000000482057_00116_26723_9167.N1	11-APR-2007 00:14:26	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	26723	No
5	GOM_NL__2PRFIN20070411_001654_000000432057_00116_26723_9168.N1	11-APR-2007 00:16:54	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	26723	No
6	GOM_NL__2PRFIN20070411_002914_000000392057_00117_26724_9008.N1	11-APR-2007 00:29:14	Dark	39.000	45	Alp Pav	1.9400	26000.0	78	26724	No
7	GOM_NL__2PRFIN20070411_003614_000000452057_00117_26724_9009.N1	11-APR-2007 00:36:14	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	26724	No
8	GOM_NL__2PRFIN20070411_003844_000000402057_00117_26724_9010.N1	11-APR-2007 00:38:44	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26724	No
9	GOM_NL__2PRFIN20070411_004113_000000472057_00117_26724_9011.N1	11-APR-2007 00:41:13	Straylight	46.500	4	Alp1Cen	-0.010000	5800.0	93	26724	No
10	GOM_NL__2PRFIN20070411_004416_000000432057_00117_26724_9012.N1	11-APR-2007 00:44:16	Straylight	42.500	78	Alp Lup	2.3040	28000.0	85	26724	No
11	GOM_NL__2PRFIN20070411_004553_000000442057_00117_26724_9013.N1	11-APR-2007 00:45:53	Straylight	44.000	81	Eta Cen	2.3560	28000.0	88	26724	No
12	GOM_NL__2PRFIN20070411_004822_000000492057_00117_26724_9014.N1	11-APR-2007 00:48:22	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	26724	No
13	GOM_NL__2PRFIN20070411_005345_000000422057_00117_26724_9015.N1	11-APR-2007 00:53:45	Tw_and_stray	41.500	106	9Bet Crv	2.6480	5600.0	83	26724	No
14	GOM_NL__2PRFIN20070411_005537_000000392057_00117_26724_9016.N1	11-APR-2007 00:55:37	Tw_and_stray	39.000	100	4Gam Crv	2.5800	13100.0	78	26724	No
15	GOM_NL__2PRFIN20070411_005708_000000452057_00117_26724_9017.N1	11-APR-2007 00:57:08	Bright	45.000	15	67Alp Vir	0.97600	28000.0	90	26724	No
16	GOM_NL__2PRFIN20070411_010014_000000392057_00117_26724_9018.N1	11-APR-2007 01:00:14	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	26724	No
17	GOM_NL__2PRFIN20070411_010455_000000362057_00117_26724_9019.N1	11-APR-2007 01:04:55	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	26724	No
18	GOM_NL__2PRFIN20070411_011232_000000412057_00117_26724_9020.N1	11-APR-2007 01:12:32	Bright	40.500	152	12Alp2CVn	2.8900	11000.0	81	26724	No
19	GOM_NL__2PRFIN20070411_011604_000000532057_00117_26724_9021.N1	11-APR-2007 01:16:04	Bright	53.000	87	64Gam UMa	2.4330	11000.0	106	26724	No
20	GOM_NL__2PRFIN20070411_011727_000000412057_00117_26724_9022.N1	11-APR-2007 01:17:27	Bright	40.500	32	77Eps UMa	1.7630	11000.0	81	26724	No
21	GOM_NL__2PRFIN20070411_012353_000000382057_00117_26724_9023.N1	11-APR-2007 01:23:53	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	26724	No
22	GOM_NL__2PRFIN20070411_012621_000000342057_00117_26724_9024.N1	11-APR-2007 01:26:21	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26724	No
23	GOM_NL__2PRFIN20070411_013349_000000372057_00117_26724_9025.N1	11-APR-2007 01:33:49	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	26724	No
24	GOM_NL__2PRFIN20070411_014323_000000352057_00117_26724_9026.N1	11-APR-2007 01:43:23	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	26724	No
25	GOM_NL__2PRFIN20070411_015010_000000502057_00117_26724_9027.N1	11-APR-2007 01:50:10	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	26724	No
26	GOM_NL__2PRFIN20070411_015238_000000432057_00117_26724_9028.N1	11-APR-2007 01:52:38	Dark	42.500	162	34Alp Aqr	2.9440	5350.0	85	26724	No
27	GOM_NL__2PRFIN20070411_015502_000000482057_00117_26724_9029.N1	11-APR-2007 01:55:02	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	26724	No
28	GOM_NL__2PRFIN20070411_015730_000000432057_00117_26724_9030.N1	11-APR-2007 01:57:30	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	26724	No
29	GOM_NL__2PRFIN20070411_020950_000000392057_00118_26725_8697.N1	11-APR-2007 02:09:50	Dark	38.500	45	Alp Pav	1.9400	26000.0	77	26725	No
30	GOM_NL__2PRFIN20070411_021651_000000432057_00118_26725_8698.N1	11-APR-2007 02:16:51	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	26725	No
31	GOM_NL__2PRFIN20070411_021920_000000402057_00118_26725_8699.N1	11-APR-2007 02:19:20	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26725	No
32	GOM_NL__2PRFIN20070411_022150_000000492057_00118_26725_8700.N1	11-APR-2007 02:21:50	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	26725	No
33	GOM_NL__2PRFIN20070411_022453_000000422057_00118_26725_8701.N1	11-APR-2007 02:24:53	Straylight	41.500	78	Alp Lup	2.3040	28000.0	83	26725	No
34	GOM_NL__2PRFIN20070411_022629_000000452057_00118_26725_8702.N1	11-APR-2007 02:26:29	Straylight	45.000	81	Eta Cen	2.3560	28000.0	90	26725	No
35	GOM_NL__2PRFIN20070411_022858_000000492057_00118_26725_8703.N1	11-APR-2007 02:28:58	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	26725	No
36	GOM_NL__2PRFIN20070411_023421_000000442057_00118_26725_8704.N1	11-APR-2007 02:34:21	Tw_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	26725	No
37	GOM_NL__2PRFIN20070411_023613_000000382057_00118_26725_8705.N1	11-APR-2007 02:36:13	Tw_and_stray	37.500	100	4Gam Crv	2.5800	13100.0	75	26725	No
38	GOM_NL__2PRFIN20070411_023744_000000452057_00118_26725_8706.N1	11-APR-2007 02:37:44	Bright	45.000	15	67Alp Vir	0.97600	28000.0	90	26725	No
39	GOM_NL__2PRFIN20070411_024049_000000392057_00118_26725_8707.N1	11-APR-2007 02:40:49	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	26725	No
40	GOM_NL__2PRFIN20070411_024530_000000362057_00118_26725_8708.N1	11-APR-2007 02:45:30	Bright	36.000	62	94Bet Leo	2.1360	9700.0	72	26725	No
41	GOM_NL__2PRFIN20070411_025307_000000402057_00118_26725_8709.N1	11-APR-2007 02:53:07	Bright	40.000	152	12Alp2CVn	2.8900	11000.0	80	26725	No
42	GOM_NL__2PRFIN20070411_025640_000000372057_00118_26725_8710.N1	11-APR-2007 02:56:40	Bright	36.500	87	64Gam UMa	2.4330	11000.0	73	26725	No







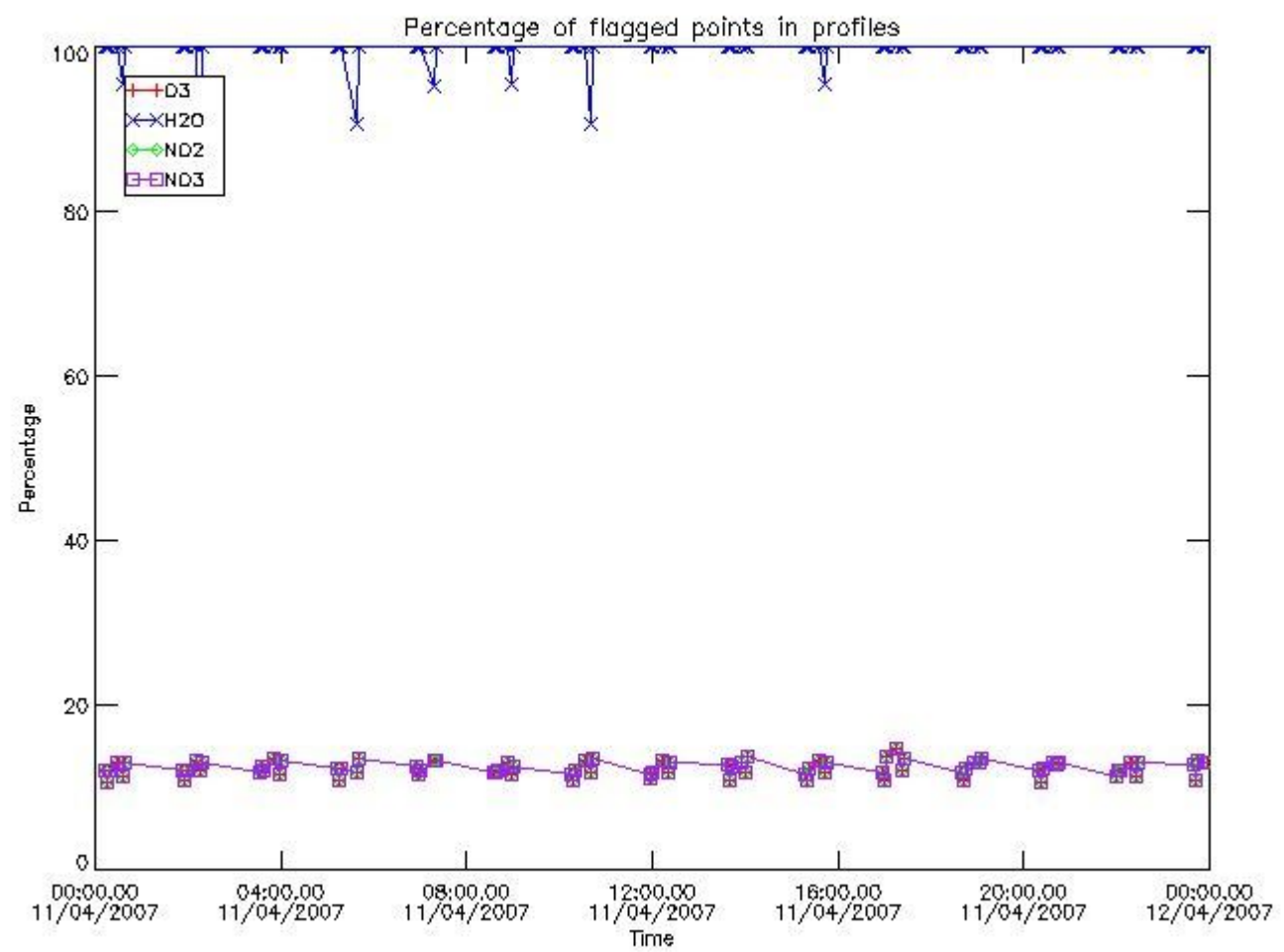


279	GOM_NL__2PRFIN20070411_203631_000000402057_00129_26736_8974.N1	11-APR-2007 20:36:31	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26736	No
280	GOM_NL__2PRFIN20070411_204334_000000442057_00129_26736_8975.N1	11-APR-2007 20:43:34	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	26736	No
281	GOM_NL__2PRFIN20070411_204601_000000392057_00129_26736_8976.N1	11-APR-2007 20:46:01	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	26736	No
282	GOM_NL__2PRFIN20070411_204830_000000492057_00129_26736_8977.N1	11-APR-2007 20:48:30	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	26736	No
283	GOM_NL__2PRFIN20070411_205134_000000452057_00129_26736_8978.N1	11-APR-2007 20:51:34	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	26736	No
284	GOM_NL__2PRFIN20070411_205310_000000432057_00129_26736_8979.N1	11-APR-2007 20:53:10	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	26736	No
285	GOM_NL__2PRFIN20070411_205539_000000472057_00129_26736_8980.N1	11-APR-2007 20:55:39	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	26736	No
286	GOM_NL__2PRFIN20070411_210059_000000452057_00129_26736_8981.N1	11-APR-2007 21:00:59	Twl_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	26736	No
287	GOM_NL__2PRFIN20070411_210250_000000422057_00129_26736_8982.N1	11-APR-2007 21:02:50	Bright	41.500	100	4Gam Crv	2.5800	13100.	83	26736	No
288	GOM_NL__2PRFIN20070411_210420_000000522057_00129_26736_8983.N1	11-APR-2007 21:04:20	Bright	51.500	15	67Alp Vir	0.97600	28000.	103	26736	No
289	GOM_NL__2PRFIN20070411_210725_000000392057_00129_26736_8984.N1	11-APR-2007 21:07:25	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	26736	No
290	GOM_NL__2PRFIN20070411_211206_000000362057_00129_26736_8985.N1	11-APR-2007 21:12:06	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	26736	No
291	GOM_NL__2PRFIN20070411_211939_000000402057_00129_26736_8986.N1	11-APR-2007 21:19:39	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	26736	No
292	GOM_NL__2PRFIN20070411_212314_000000362057_00129_26736_8987.N1	11-APR-2007 21:23:14	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	26736	No
293	GOM_NL__2PRFIN20070411_212435_000000382057_00129_26736_8988.N1	11-APR-2007 21:24:35	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	26736	No
294	GOM_NL__2PRFIN20070411_213101_000000392057_00129_26736_8989.N1	11-APR-2007 21:31:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	26736	No
295	GOM_NL__2PRFIN20070411_213332_000000352057_00129_26736_8990.N1	11-APR-2007 21:33:32	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26736	No
296	GOM_NL__2PRFIN20070411_214058_000000382057_00129_26736_8991.N1	11-APR-2007 21:40:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	26736	No
297	GOM_NL__2PRFIN20070411_215036_000000352057_00129_26736_8992.N1	11-APR-2007 21:50:36	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	26736	No
298	GOM_NL__2PRFIN20070411_215726_000000492057_00129_26736_8993.N1	11-APR-2007 21:57:26	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	26736	No
299	GOM_NL__2PRFIN20070411_215954_000000452057_00129_26736_8994.N1	11-APR-2007 21:59:54	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	26736	No
300	GOM_NL__2PRFIN20070411_220220_000000472057_00129_26736_8995.N1	11-APR-2007 22:02:20	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	26736	No
301	GOM_NL__2PRFIN20070411_220447_000000422057_00129_26736_8996.N1	11-APR-2007 22:04:47	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	26736	No
302	GOM_NL__2PRFIN20070411_221707_000000392057_00130_26737_9005.N1	11-APR-2007 22:17:07	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26737	No
303	GOM_NL__2PRFIN20070411_222411_000000452057_00130_26737_9006.N1	11-APR-2007 22:24:11	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	26737	No
304	GOM_NL__2PRFIN20070411_222637_000000402057_00130_26737_9007.N1	11-APR-2007 22:26:37	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26737	No
305	GOM_NL__2PRFIN20070411_222906_000000442057_00130_26737_9008.N1	11-APR-2007 22:29:06	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	26737	No
306	GOM_NL__2PRFIN20070411_223210_000000412057_00130_26737_9009.N1	11-APR-2007 22:32:10	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26737	No
307	GOM_NL__2PRFIN20070411_223347_000000472057_00130_26737_9010.N1	11-APR-2007 22:33:47	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	26737	No
308	GOM_NL__2PRFIN20070411_223615_000000482057_00130_26737_9011.N1	11-APR-2007 22:36:15	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	26737	No
309	GOM_NL__2PRFIN20070411_224135_000000422057_00130_26737_9012.N1	11-APR-2007 22:41:35	Twl_and_stray	41.500	106	9Bet Crv	2.6480	5600.0	83	26737	No
310	GOM_NL__2PRFIN20070411_224326_000000392057_00130_26737_9013.N1	11-APR-2007 22:43:26	Bright	39.000	100	4Gam Crv	2.5800	13100.	78	26737	No
311	GOM_NL__2PRFIN20070411_224456_000000482057_00130_26737_9014.N1	11-APR-2007 22:44:56	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	26737	No
312	GOM_NL__2PRFIN20070411_224801_000000362057_00130_26737_9015.N1	11-APR-2007 22:48:01	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26737	No
313	GOM_NL__2PRFIN20070411_225242_000000362057_00130_26737_9016.N1	11-APR-2007 22:52:42	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	26737	No
314	GOM_NL__2PRFIN20070411_230014_000000392057_00130_26737_9017.N1	11-APR-2007 23:00:14	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	26737	No
315	GOM_NL__2PRFIN20070411_230350_000000342057_00130_26737_9018.N1	11-APR-2007 23:03:50	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26737	No
316	GOM_NL__2PRFIN20070411_230510_000000372057_00130_26737_9019.N1	11-APR-2007 23:05:10	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	26737	No
317	GOM_NL__2PRFIN20070411_231137_000000402057_00130_26737_9020.N1	11-APR-2007 23:11:37	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	26737	No
318	GOM_NL__2PRFIN20070411_231408_000000362057_00130_26737_9021.N1	11-APR-2007 23:14:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26737	No
319	GOM_NL__2PRFIN20070411_232134_000000382057_00130_26737_9022.N1	11-APR-2007 23:21:34	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	26737	No
320	GOM_NL__2PRFIN20070411_233112_000000342057_00130_26737_9023.N1	11-APR-2007 23:31:12	Bright	34.000	164	44Eta Peg	2.9480	5400.0	68	26737	No
321	GOM_NL__2PRFIN20070411_233802_000000492057_00130_26737_9024.N1	11-APR-2007 23:38:02	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	26737	No
322	GOM_NL__2PRFIN20070411_234030_000000442057_00130_26737_9025.N1	11-APR-2007 23:40:30	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	26737	No
323	GOM_NL__2PRFIN20070411_234257_000000482057_00130_26737_9026.N1	11-APR-2007 23:42:57	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	26737	No
324	GOM_NL__2PRFIN20070411_234524_000000432057_00130_26737_9027.N1	11-APR-2007 23:45:24	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	26737	No
325	GOM_NL__2PRFIN20070411_235743_000000402057_00131_26738_9066.N1	11-APR-2007 23:57:43	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26738	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.

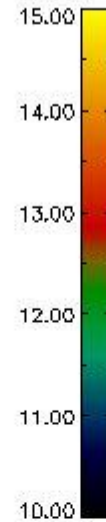
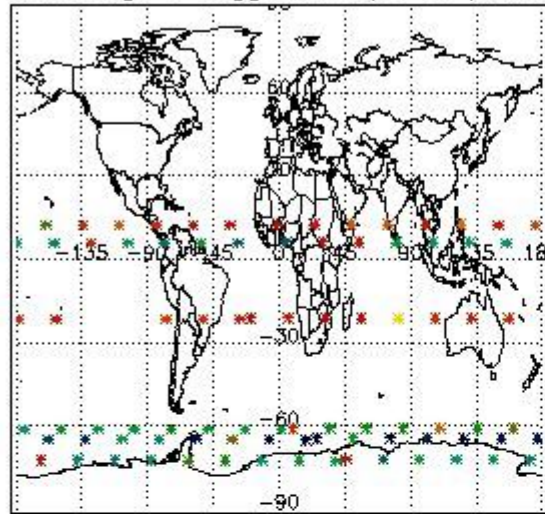
#### 3.1 Plot quality information per product (time dependant)



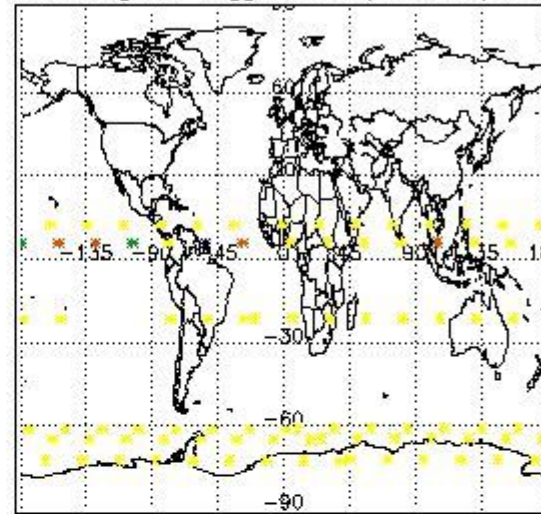
*3.2 Plot quality information per product (world map)*



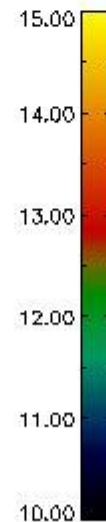
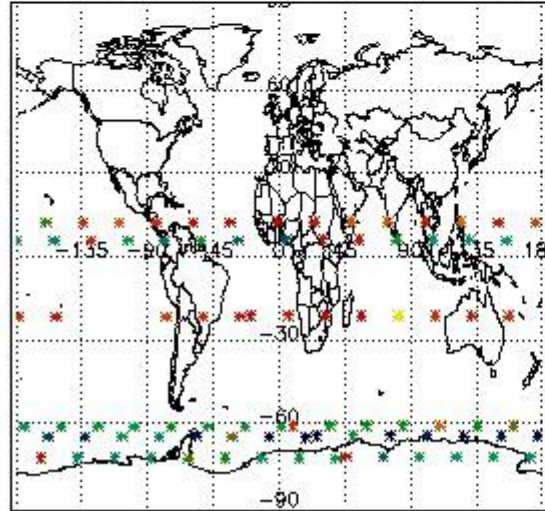
Percentage of flagged data per O3 profile



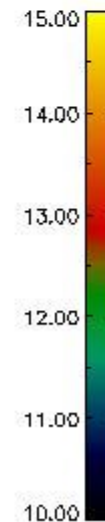
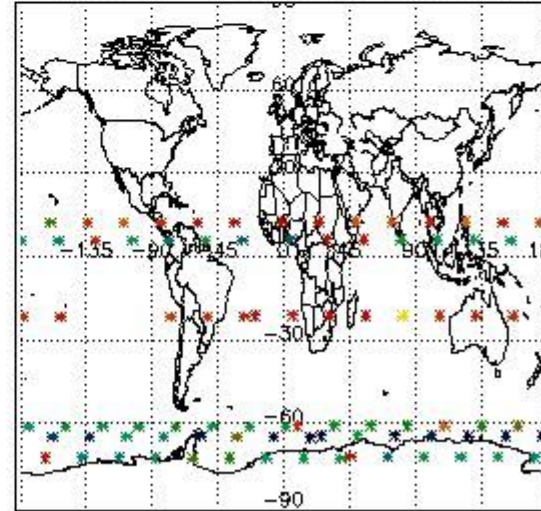
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

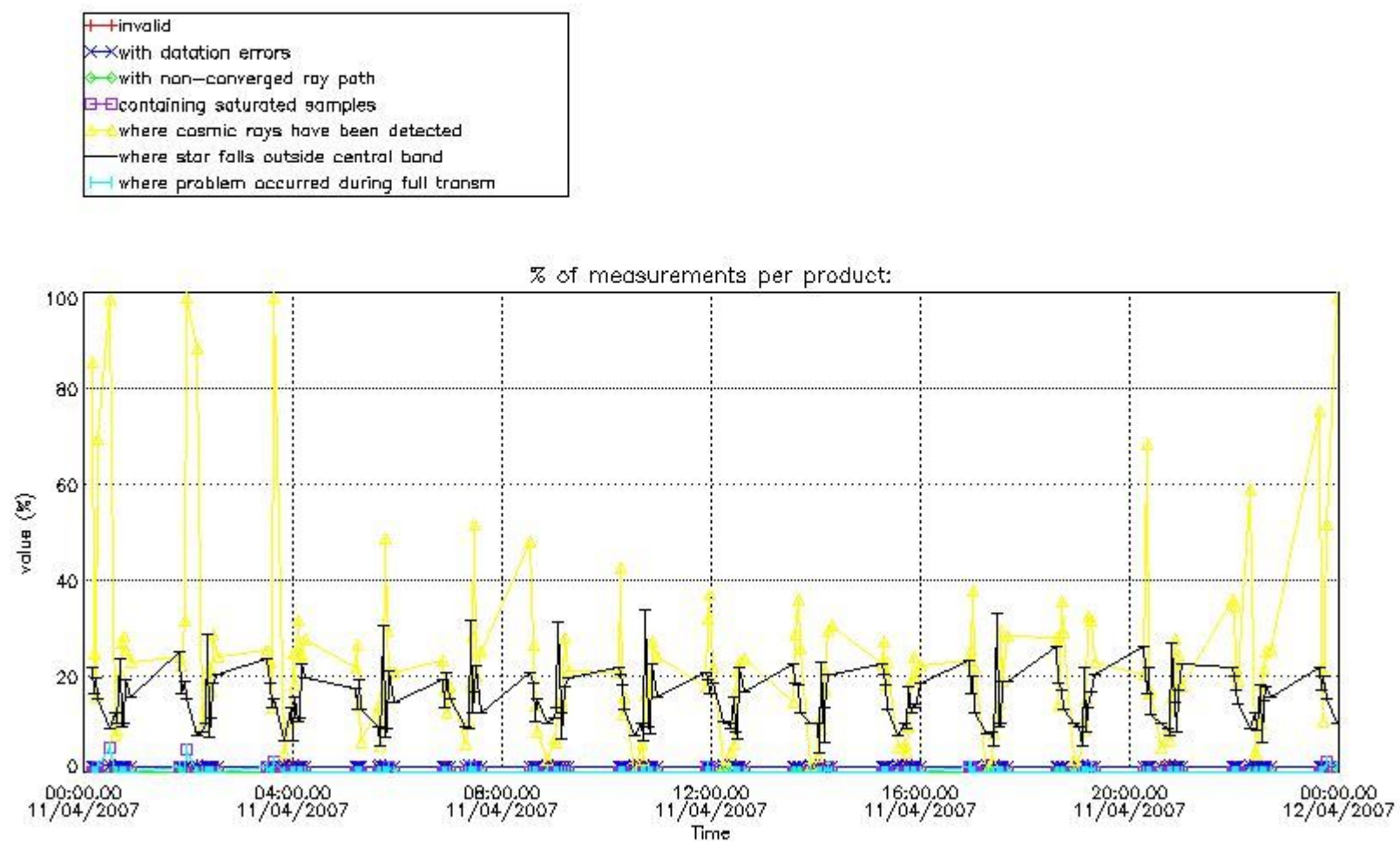


#### 4. Level 1 quality information per product

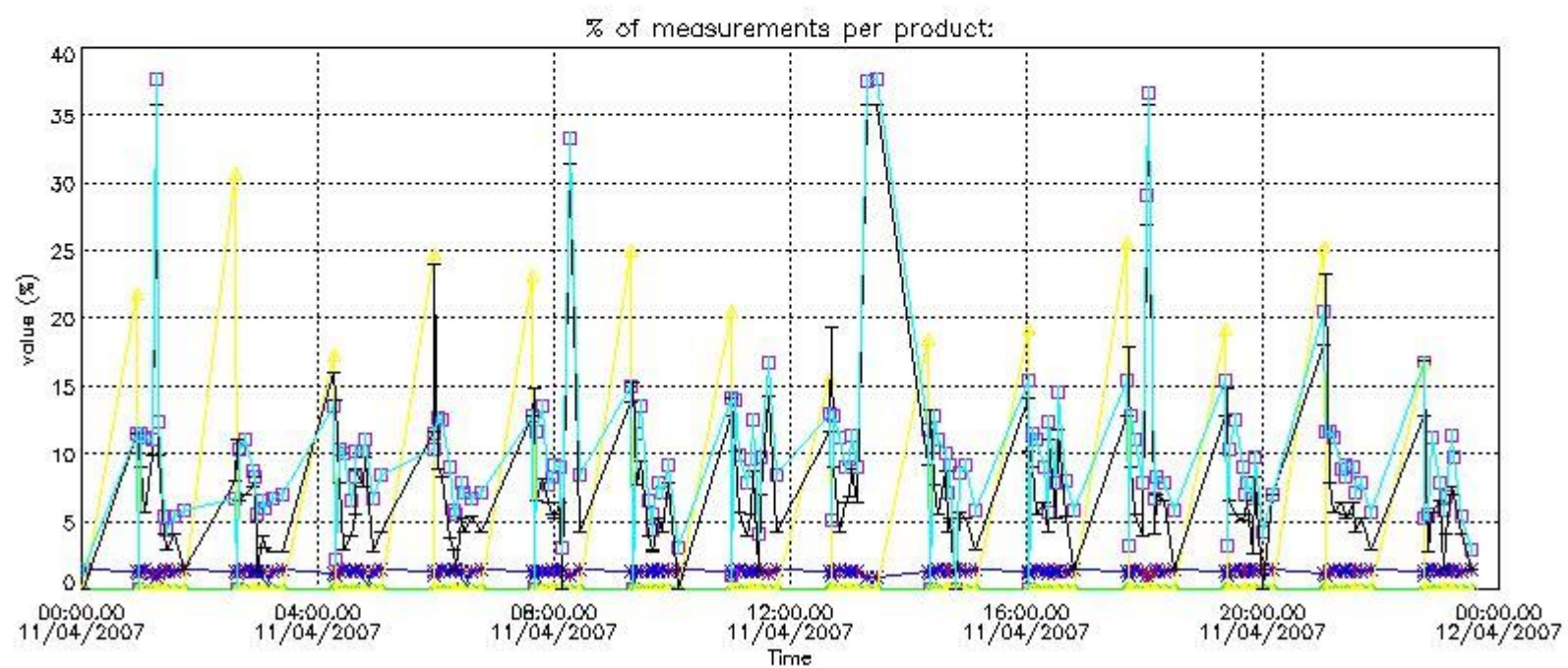
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

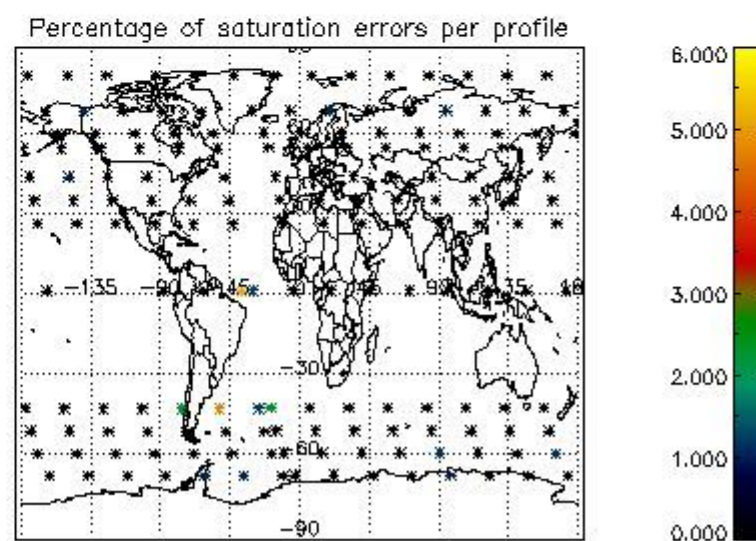
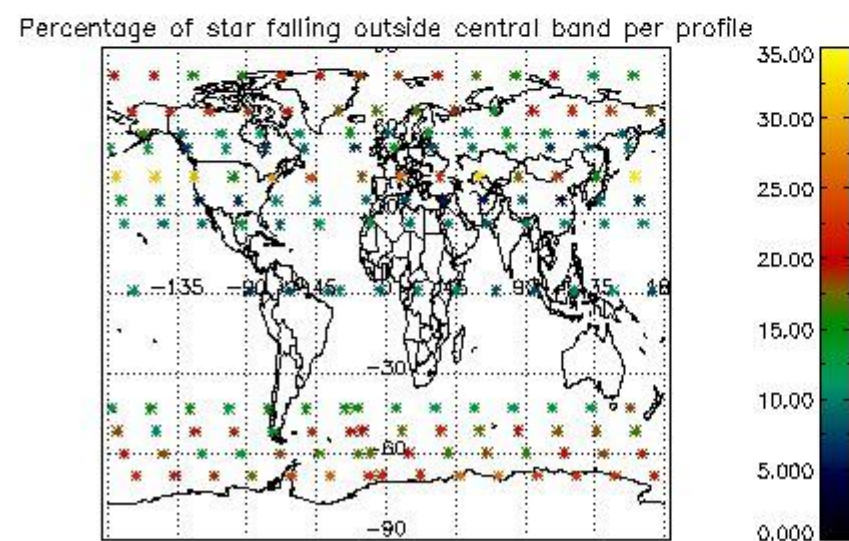
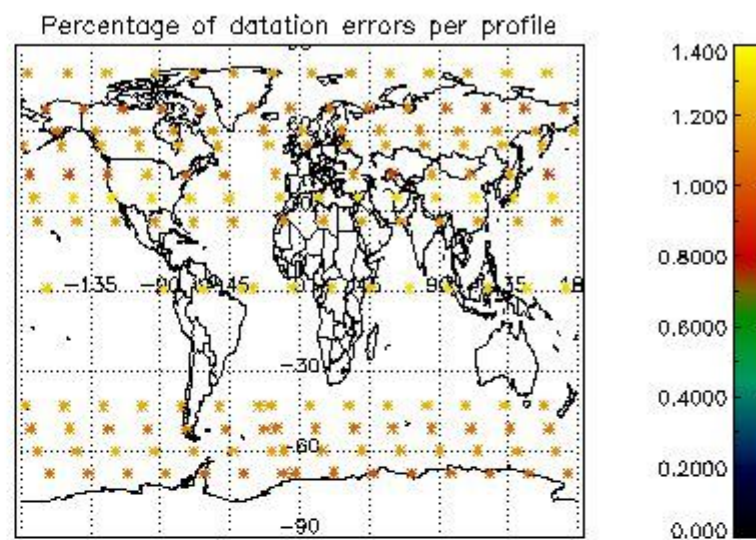
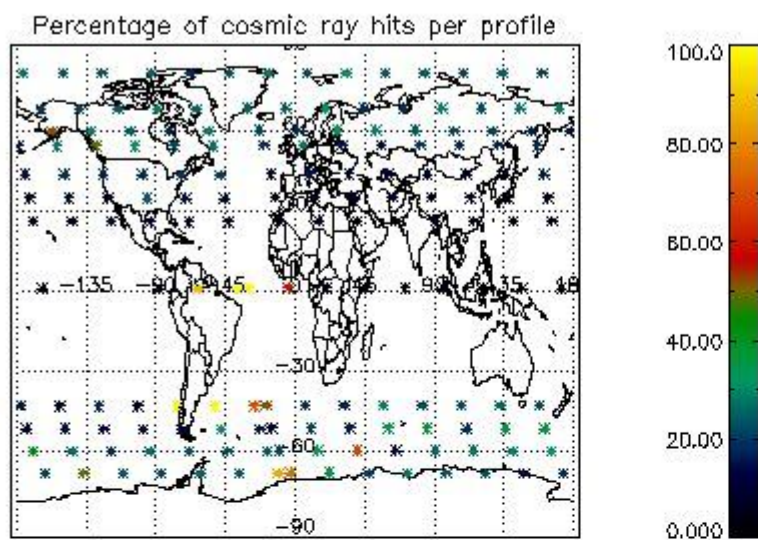


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

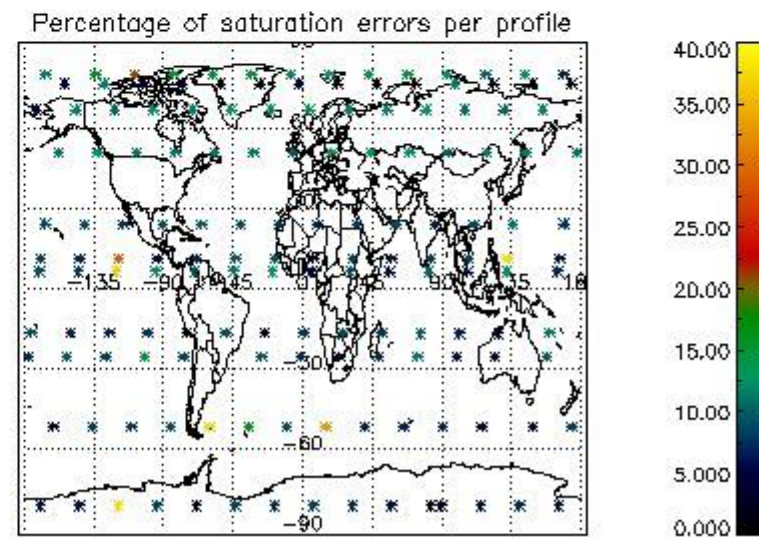
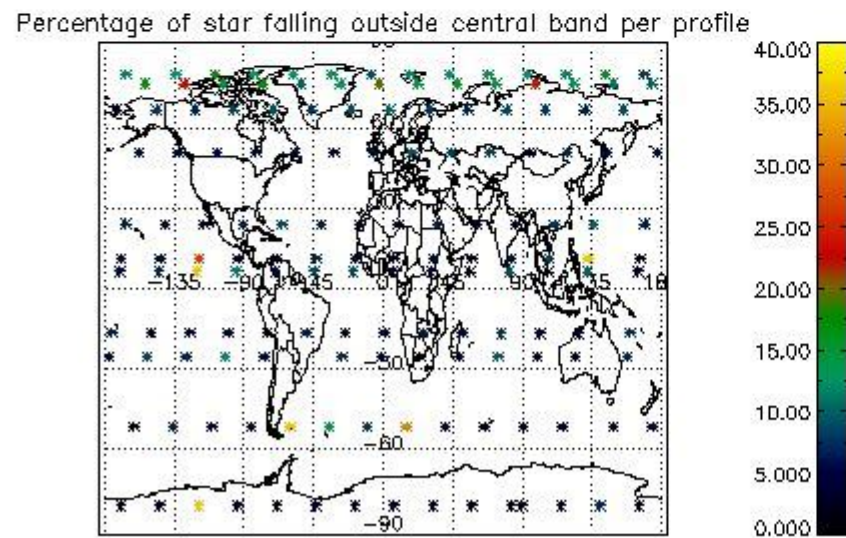
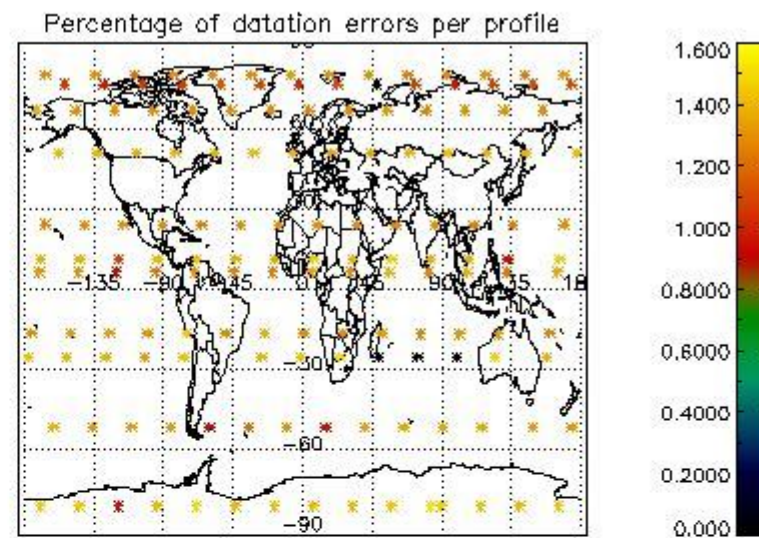
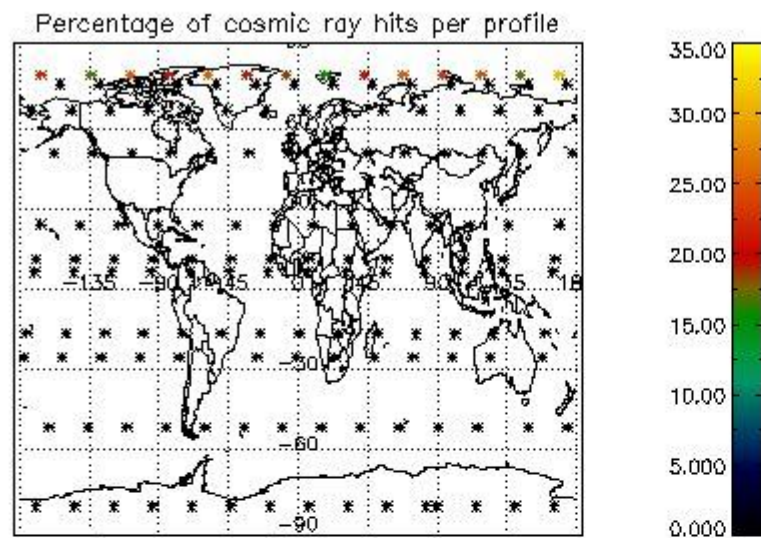


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 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

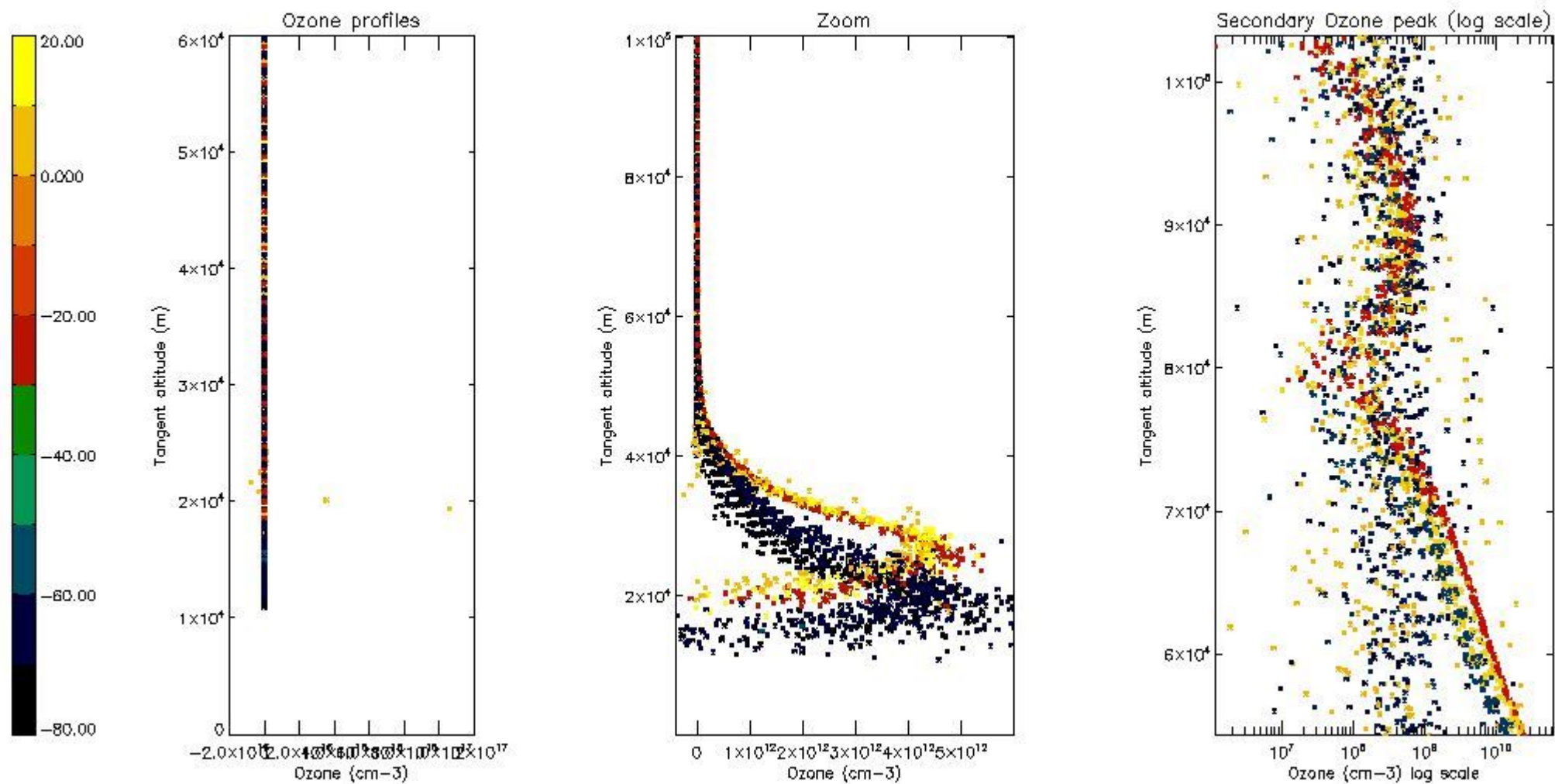
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	10

STD < 10	6
STD < 5	2

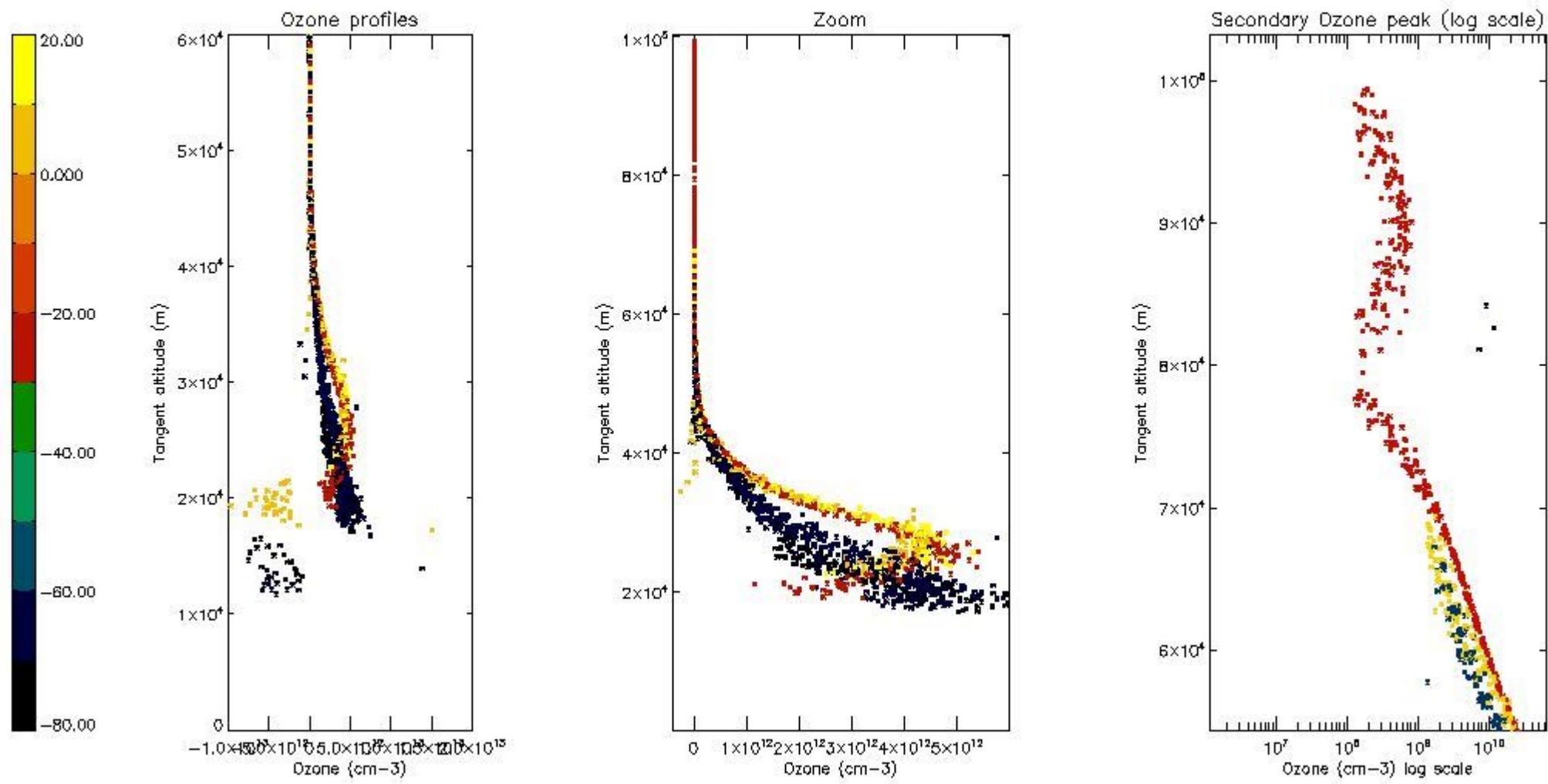
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



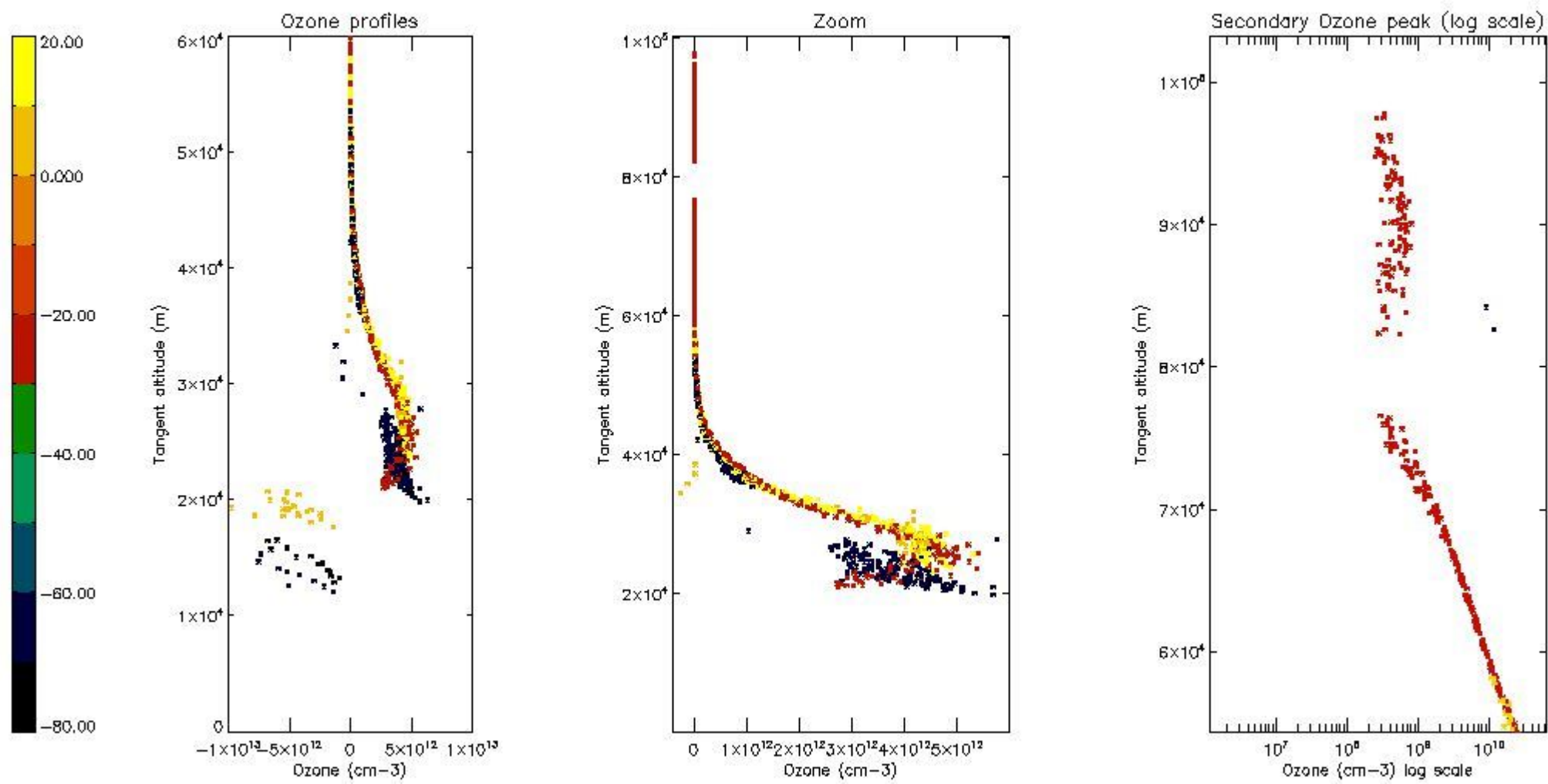
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

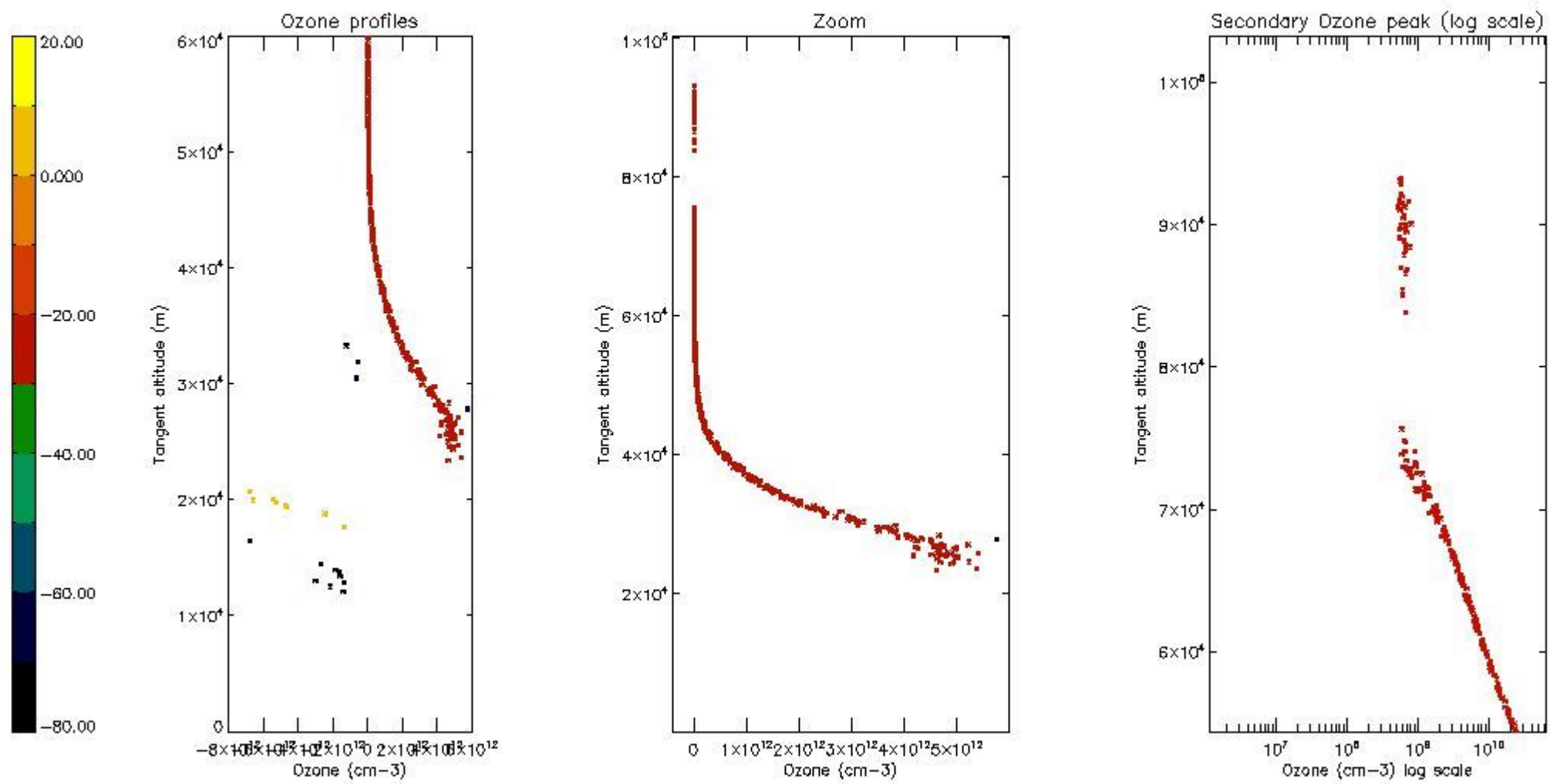
The colorbar represents the latitude.



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

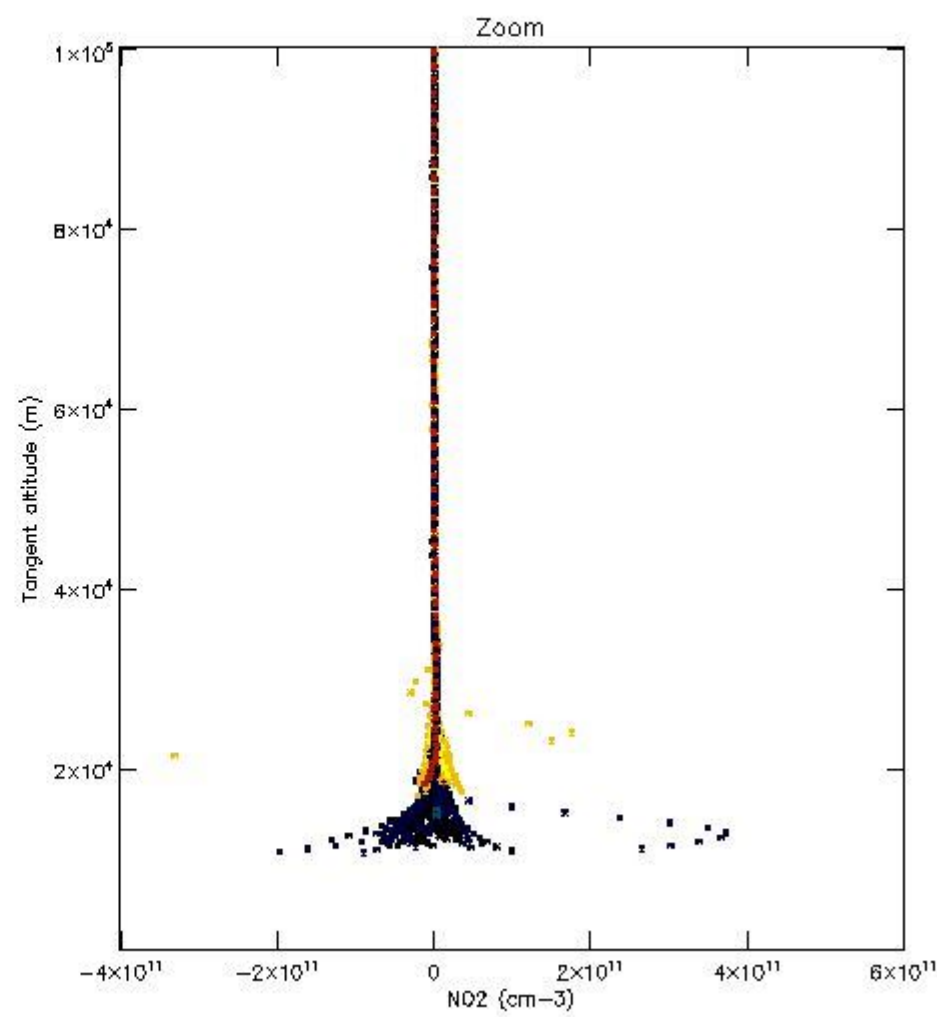
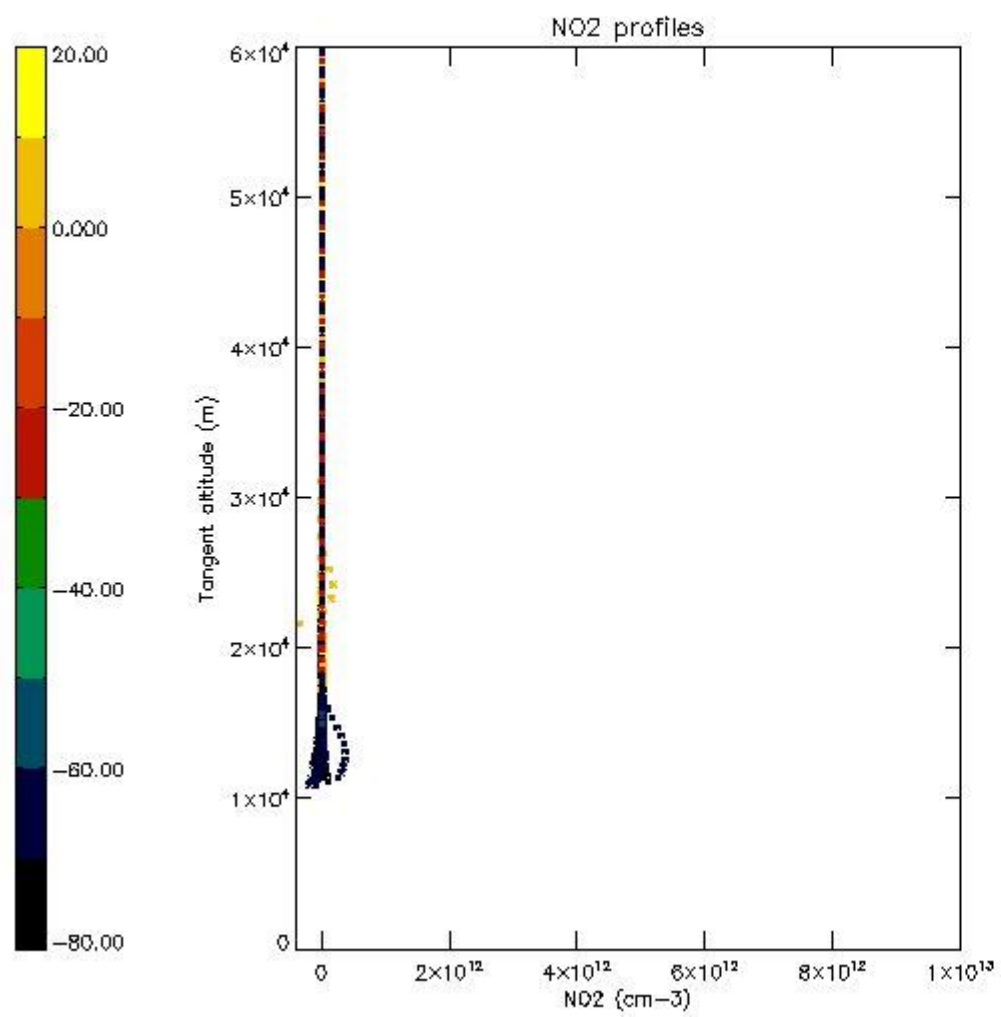
The colorbar represents the latitude.





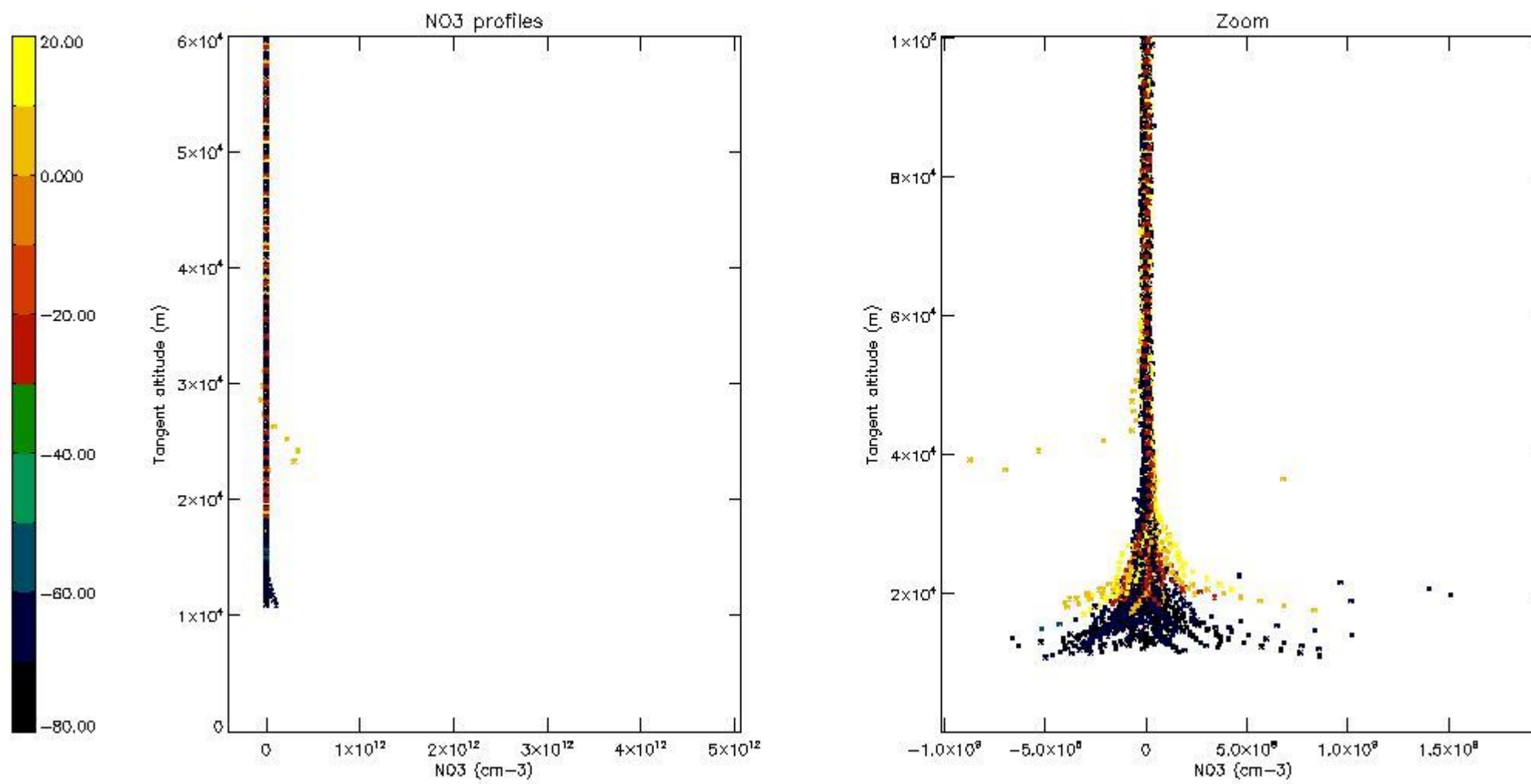
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



## 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	11-APR-2007 00:02:47
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-APR-2007 00:02:47
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-APR-2007 00:02:47

# GOMOS Level 2 Daily Report

## SUMMARY

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#### [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	22APR2013 18:18:36
Data source version	GOMOS/6.01
Start time of products	11-04-2007 (11APR2007 00:00:00)
Stop time of products	12-04-2007 (12APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	325
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__2PRFIN20070411_000247_000000332057_00116_26723_9164.N1	11-APR-2007 00:02:47	Bright	33.000	164	44Eta Peg	2.9480	5400.0	66	26723	No
2	GOM_NL__2PRFIN20070411_000934_000000492057_00116_26723_9165.N1	11-APR-2007 00:09:34	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	26723	No
3	GOM_NL__2PRFIN20070411_001202_000000432057_00116_26723_9166.N1	11-APR-2007 00:12:02	Dark	42.500	162	34Alp Aqr	2.9440	5350.0	85	26723	No
4	GOM_NL__2PRFIN20070411_001426_000000482057_00116_26723_9167.N1	11-APR-2007 00:14:26	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	26723	No
5	GOM_NL__2PRFIN20070411_001654_000000432057_00116_26723_9168.N1	11-APR-2007 00:16:54	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	26723	No
6	GOM_NL__2PRFIN20070411_002914_000000392057_00117_26724_9008.N1	11-APR-2007 00:29:14	Dark	39.000	45	Alp Pav	1.9400	26000.0	78	26724	No
7	GOM_NL__2PRFIN20070411_003614_000000452057_00117_26724_9009.N1	11-APR-2007 00:36:14	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	26724	No
8	GOM_NL__2PRFIN20070411_003844_000000402057_00117_26724_9010.N1	11-APR-2007 00:38:44	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26724	No
9	GOM_NL__2PRFIN20070411_004113_000000472057_00117_26724_9011.N1	11-APR-2007 00:41:13	Straylight	46.500	4	Alp1Cen	-0.010000	5800.0	93	26724	No
10	GOM_NL__2PRFIN20070411_004416_000000432057_00117_26724_9012.N1	11-APR-2007 00:44:16	Straylight	42.500	78	Alp Lup	2.3040	28000.0	85	26724	No
11	GOM_NL__2PRFIN20070411_004553_000000442057_00117_26724_9013.N1	11-APR-2007 00:45:53	Straylight	44.000	81	Eta Cen	2.3560	28000.0	88	26724	No
12	GOM_NL__2PRFIN20070411_004822_000000492057_00117_26724_9014.N1	11-APR-2007 00:48:22	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	26724	No
13	GOM_NL__2PRFIN20070411_005345_000000422057_00117_26724_9015.N1	11-APR-2007 00:53:45	Tw_and_stray	41.500	106	9Bet Crv	2.6480	5600.0	83	26724	No
14	GOM_NL__2PRFIN20070411_005537_000000392057_00117_26724_9016.N1	11-APR-2007 00:55:37	Tw_and_stray	39.000	100	4Gam Crv	2.5800	13100.0	78	26724	No
15	GOM_NL__2PRFIN20070411_005708_000000452057_00117_26724_9017.N1	11-APR-2007 00:57:08	Bright	45.000	15	67Alp Vir	0.97600	28000.0	90	26724	No
16	GOM_NL__2PRFIN20070411_010014_000000392057_00117_26724_9018.N1	11-APR-2007 01:00:14	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	26724	No
17	GOM_NL__2PRFIN20070411_010455_000000362057_00117_26724_9019.N1	11-APR-2007 01:04:55	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	26724	No
18	GOM_NL__2PRFIN20070411_011232_000000412057_00117_26724_9020.N1	11-APR-2007 01:12:32	Bright	40.500	152	12Alp2CVn	2.8900	11000.0	81	26724	No
19	GOM_NL__2PRFIN20070411_011604_000000532057_00117_26724_9021.N1	11-APR-2007 01:16:04	Bright	53.000	87	64Gam UMa	2.4330	11000.0	106	26724	No
20	GOM_NL__2PRFIN20070411_011727_000000412057_00117_26724_9022.N1	11-APR-2007 01:17:27	Bright	40.500	32	77Eps UMa	1.7630	11000.0	81	26724	No
21	GOM_NL__2PRFIN20070411_012353_000000382057_00117_26724_9023.N1	11-APR-2007 01:23:53	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	26724	No
22	GOM_NL__2PRFIN20070411_012621_000000342057_00117_26724_9024.N1	11-APR-2007 01:26:21	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26724	No
23	GOM_NL__2PRFIN20070411_013349_000000372057_00117_26724_9025.N1	11-APR-2007 01:33:49	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	26724	No
24	GOM_NL__2PRFIN20070411_014323_000000352057_00117_26724_9026.N1	11-APR-2007 01:43:23	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	26724	No
25	GOM_NL__2PRFIN20070411_015010_000000502057_00117_26724_9027.N1	11-APR-2007 01:50:10	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	26724	No
26	GOM_NL__2PRFIN20070411_015238_000000432057_00117_26724_9028.N1	11-APR-2007 01:52:38	Dark	42.500	162	34Alp Aqr	2.9440	5350.0	85	26724	No
27	GOM_NL__2PRFIN20070411_015502_000000482057_00117_26724_9029.N1	11-APR-2007 01:55:02	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	26724	No
28	GOM_NL__2PRFIN20070411_015730_000000432057_00117_26724_9030.N1	11-APR-2007 01:57:30	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	26724	No
29	GOM_NL__2PRFIN20070411_020950_000000392057_00118_26725_8697.N1	11-APR-2007 02:09:50	Dark	38.500	45	Alp Pav	1.9400	26000.0	77	26725	No
30	GOM_NL__2PRFIN20070411_021651_000000432057_00118_26725_8698.N1	11-APR-2007 02:16:51	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	26725	No
31	GOM_NL__2PRFIN20070411_021920_000000402057_00118_26725_8699.N1	11-APR-2007 02:19:20	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26725	No
32	GOM_NL__2PRFIN20070411_022150_000000492057_00118_26725_8700.N1	11-APR-2007 02:21:50	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	26725	No
33	GOM_NL__2PRFIN20070411_022453_000000422057_00118_26725_8701.N1	11-APR-2007 02:24:53	Straylight	41.500	78	Alp Lup	2.3040	28000.0	83	26725	No
34	GOM_NL__2PRFIN20070411_022629_000000452057_00118_26725_8702.N1	11-APR-2007 02:26:29	Straylight	45.000	81	Eta Cen	2.3560	28000.0	90	26725	No
35	GOM_NL__2PRFIN20070411_022858_000000492057_00118_26725_8703.N1	11-APR-2007 02:28:58	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	26725	No
36	GOM_NL__2PRFIN20070411_023421_000000442057_00118_26725_8704.N1	11-APR-2007 02:34:21	Tw_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	26725	No
37	GOM_NL__2PRFIN20070411_023613_000000382057_00118_26725_8705.N1	11-APR-2007 02:36:13	Tw_and_stray	37.500	100	4Gam Crv	2.5800	13100.0	75	26725	No
38	GOM_NL__2PRFIN20070411_023744_000000452057_00118_26725_8706.N1	11-APR-2007 02:37:44	Bright	45.000	15	67Alp Vir	0.97600	28000.0	90	26725	No
39	GOM_NL__2PRFIN20070411_024049_000000392057_00118_26725_8707.N1	11-APR-2007 02:40:49	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	26725	No
40	GOM_NL__2PRFIN20070411_024530_000000362057_00118_26725_8708.N1	11-APR-2007 02:45:30	Bright	36.000	62	94Bet Leo	2.1360	9700.0	72	26725	No
41	GOM_NL__2PRFIN20070411_025307_000000402057_00118_26725_8709.N1	11-APR-2007 02:53:07	Bright	40.000	152	12Alp2CVn	2.8900	11000.0	80	26725	No
42	GOM_NL__2PRFIN20070411_025640_000000372057_00118_26725_8710.N1	11-APR-2007 02:56:40	Bright	36.500	87	64Gam UMa	2.4330	11000.0	73	26725	No









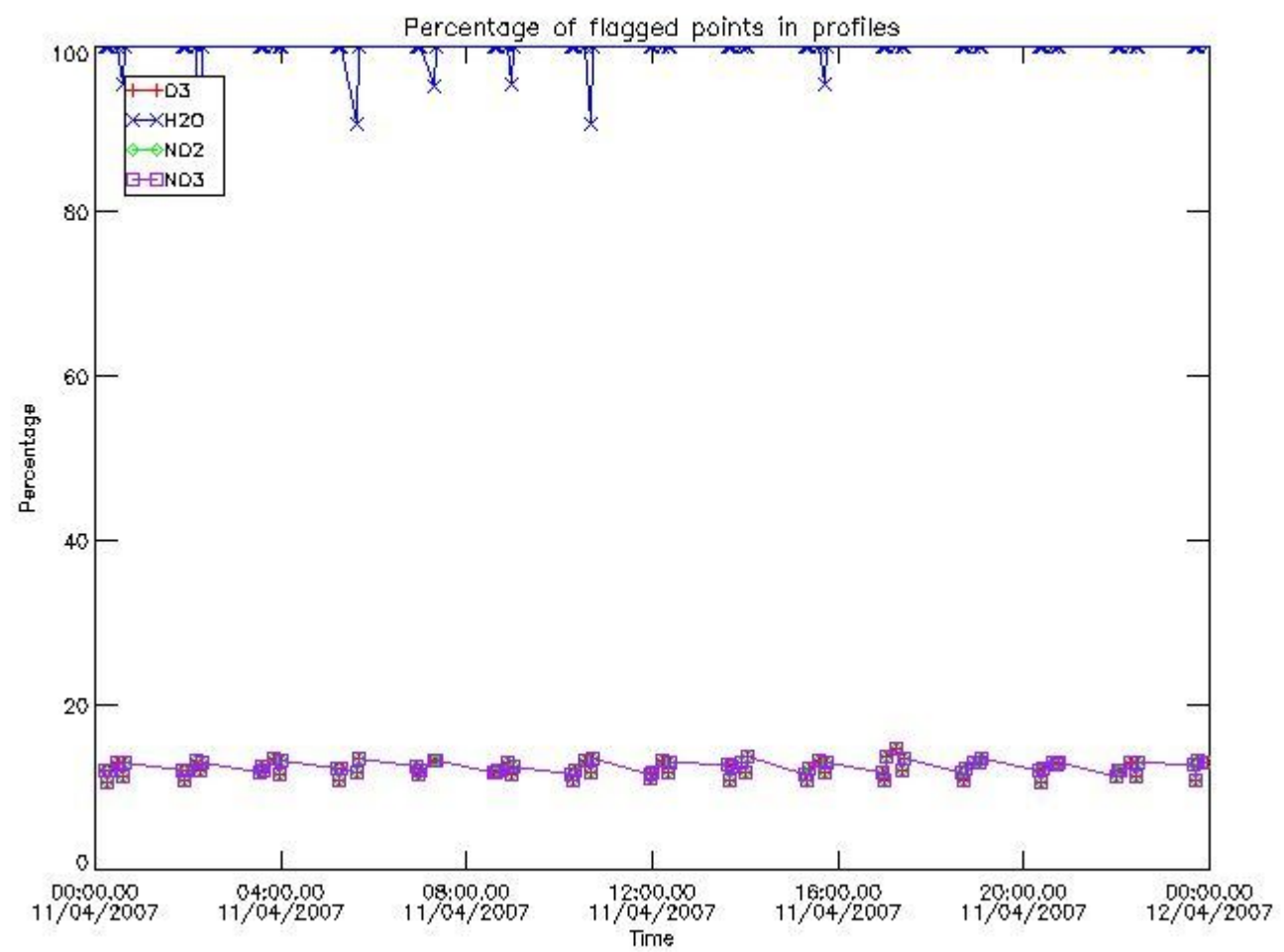


279	GOM_NL__2PRFIN20070411_203631_000000402057_00129_26736_8974.N1	11-APR-2007 20:36:31	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26736	No
280	GOM_NL__2PRFIN20070411_204334_000000442057_00129_26736_8975.N1	11-APR-2007 20:43:34	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	26736	No
281	GOM_NL__2PRFIN20070411_204601_000000392057_00129_26736_8976.N1	11-APR-2007 20:46:01	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	26736	No
282	GOM_NL__2PRFIN20070411_204830_000000492057_00129_26736_8977.N1	11-APR-2007 20:48:30	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	26736	No
283	GOM_NL__2PRFIN20070411_205134_000000452057_00129_26736_8978.N1	11-APR-2007 20:51:34	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	26736	No
284	GOM_NL__2PRFIN20070411_205310_000000432057_00129_26736_8979.N1	11-APR-2007 20:53:10	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	26736	No
285	GOM_NL__2PRFIN20070411_205539_000000472057_00129_26736_8980.N1	11-APR-2007 20:55:39	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	26736	No
286	GOM_NL__2PRFIN20070411_210059_000000452057_00129_26736_8981.N1	11-APR-2007 21:00:59	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	26736	No
287	GOM_NL__2PRFIN20070411_210250_000000422057_00129_26736_8982.N1	11-APR-2007 21:02:50	Bright	41.500	100	4Gam Crv	2.5800	13100.	83	26736	No
288	GOM_NL__2PRFIN20070411_210420_000000522057_00129_26736_8983.N1	11-APR-2007 21:04:20	Bright	51.500	15	67Alp Vir	0.97600	28000.	103	26736	No
289	GOM_NL__2PRFIN20070411_210725_000000392057_00129_26736_8984.N1	11-APR-2007 21:07:25	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	26736	No
290	GOM_NL__2PRFIN20070411_211206_000000362057_00129_26736_8985.N1	11-APR-2007 21:12:06	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	26736	No
291	GOM_NL__2PRFIN20070411_211939_000000402057_00129_26736_8986.N1	11-APR-2007 21:19:39	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	26736	No
292	GOM_NL__2PRFIN20070411_212314_000000362057_00129_26736_8987.N1	11-APR-2007 21:23:14	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	26736	No
293	GOM_NL__2PRFIN20070411_212435_000000382057_00129_26736_8988.N1	11-APR-2007 21:24:35	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	26736	No
294	GOM_NL__2PRFIN20070411_213101_000000392057_00129_26736_8989.N1	11-APR-2007 21:31:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	26736	No
295	GOM_NL__2PRFIN20070411_213332_000000352057_00129_26736_8990.N1	11-APR-2007 21:33:32	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26736	No
296	GOM_NL__2PRFIN20070411_214058_000000382057_00129_26736_8991.N1	11-APR-2007 21:40:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	26736	No
297	GOM_NL__2PRFIN20070411_215036_000000352057_00129_26736_8992.N1	11-APR-2007 21:50:36	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	26736	No
298	GOM_NL__2PRFIN20070411_215726_000000492057_00129_26736_8993.N1	11-APR-2007 21:57:26	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	26736	No
299	GOM_NL__2PRFIN20070411_215954_000000452057_00129_26736_8994.N1	11-APR-2007 21:59:54	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	26736	No
300	GOM_NL__2PRFIN20070411_220220_000000472057_00129_26736_8995.N1	11-APR-2007 22:02:20	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	26736	No
301	GOM_NL__2PRFIN20070411_220447_000000422057_00129_26736_8996.N1	11-APR-2007 22:04:47	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	26736	No
302	GOM_NL__2PRFIN20070411_221707_000000392057_00130_26737_9005.N1	11-APR-2007 22:17:07	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26737	No
303	GOM_NL__2PRFIN20070411_222411_000000452057_00130_26737_9006.N1	11-APR-2007 22:24:11	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	26737	No
304	GOM_NL__2PRFIN20070411_222637_000000402057_00130_26737_9007.N1	11-APR-2007 22:26:37	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	26737	No
305	GOM_NL__2PRFIN20070411_222906_000000442057_00130_26737_9008.N1	11-APR-2007 22:29:06	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	26737	No
306	GOM_NL__2PRFIN20070411_223210_000000412057_00130_26737_9009.N1	11-APR-2007 22:32:10	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26737	No
307	GOM_NL__2PRFIN20070411_223347_000000472057_00130_26737_9010.N1	11-APR-2007 22:33:47	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	26737	No
308	GOM_NL__2PRFIN20070411_223615_000000482057_00130_26737_9011.N1	11-APR-2007 22:36:15	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	26737	No
309	GOM_NL__2PRFIN20070411_224135_000000422057_00130_26737_9012.N1	11-APR-2007 22:41:35	Tw_i_and_stray	41.500	106	9Bet Crv	2.6480	5600.0	83	26737	No
310	GOM_NL__2PRFIN20070411_224326_000000392057_00130_26737_9013.N1	11-APR-2007 22:43:26	Bright	39.000	100	4Gam Crv	2.5800	13100.	78	26737	No
311	GOM_NL__2PRFIN20070411_224456_000000482057_00130_26737_9014.N1	11-APR-2007 22:44:56	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	26737	No
312	GOM_NL__2PRFIN20070411_224801_000000362057_00130_26737_9015.N1	11-APR-2007 22:48:01	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26737	No
313	GOM_NL__2PRFIN20070411_225242_000000362057_00130_26737_9016.N1	11-APR-2007 22:52:42	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	26737	No
314	GOM_NL__2PRFIN20070411_230014_000000392057_00130_26737_9017.N1	11-APR-2007 23:00:14	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	26737	No
315	GOM_NL__2PRFIN20070411_230350_000000342057_00130_26737_9018.N1	11-APR-2007 23:03:50	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26737	No
316	GOM_NL__2PRFIN20070411_230510_000000372057_00130_26737_9019.N1	11-APR-2007 23:05:10	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	26737	No
317	GOM_NL__2PRFIN20070411_231137_000000402057_00130_26737_9020.N1	11-APR-2007 23:11:37	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	26737	No
318	GOM_NL__2PRFIN20070411_231408_000000362057_00130_26737_9021.N1	11-APR-2007 23:14:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26737	No
319	GOM_NL__2PRFIN20070411_232134_000000382057_00130_26737_9022.N1	11-APR-2007 23:21:34	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	26737	No
320	GOM_NL__2PRFIN20070411_233112_000000342057_00130_26737_9023.N1	11-APR-2007 23:31:12	Bright	34.000	164	44Eta Peg	2.9480	5400.0	68	26737	No
321	GOM_NL__2PRFIN20070411_233802_000000492057_00130_26737_9024.N1	11-APR-2007 23:38:02	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	26737	No
322	GOM_NL__2PRFIN20070411_234030_000000442057_00130_26737_9025.N1	11-APR-2007 23:40:30	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	26737	No
323	GOM_NL__2PRFIN20070411_234257_000000482057_00130_26737_9026.N1	11-APR-2007 23:42:57	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	26737	No
324	GOM_NL__2PRFIN20070411_234524_000000432057_00130_26737_9027.N1	11-APR-2007 23:45:24	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	26737	No
325	GOM_NL__2PRFIN20070411_235743_000000402057_00131_26738_9066.N1	11-APR-2007 23:57:43	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26738	No

### 3. Quality information per product

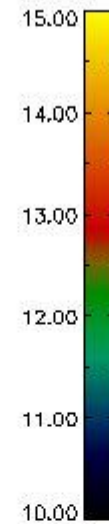
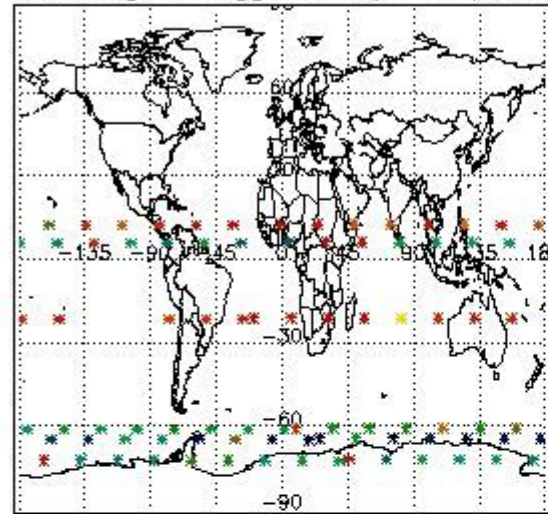
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

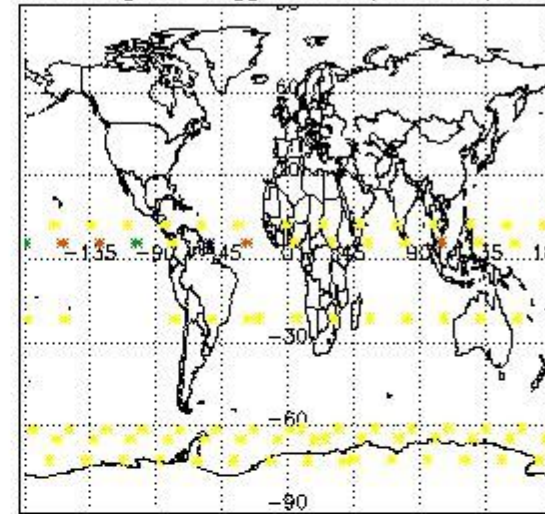


*3.2 Plot quality information per product (world map)*

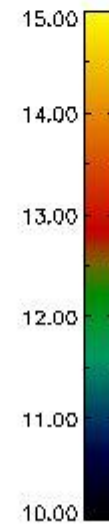
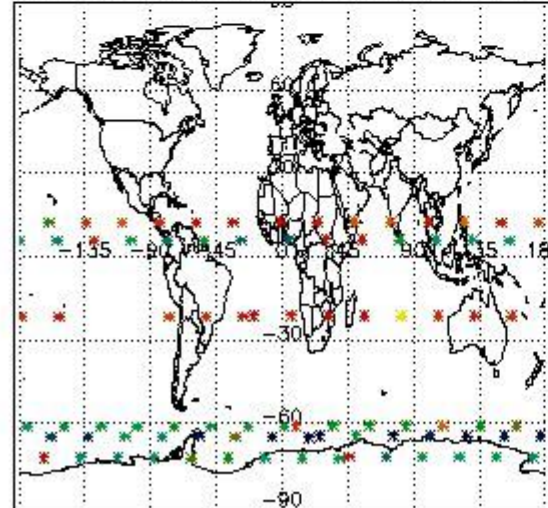
Percentage of flagged data per O3 profile



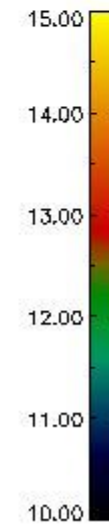
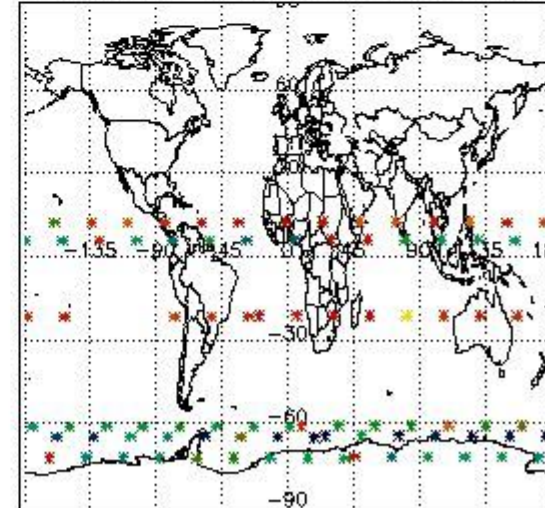
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

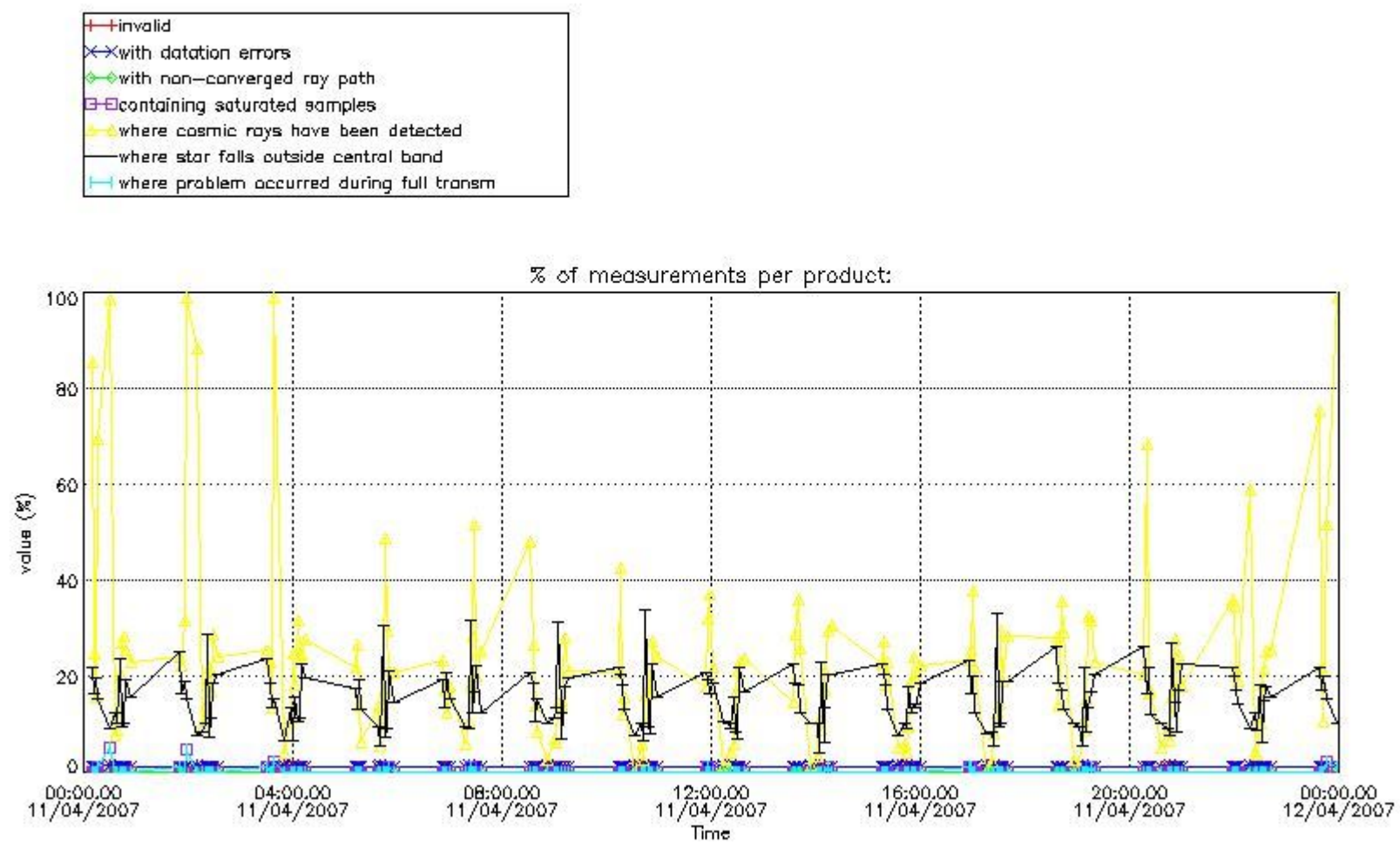


#### 4. Level 1 quality information per product

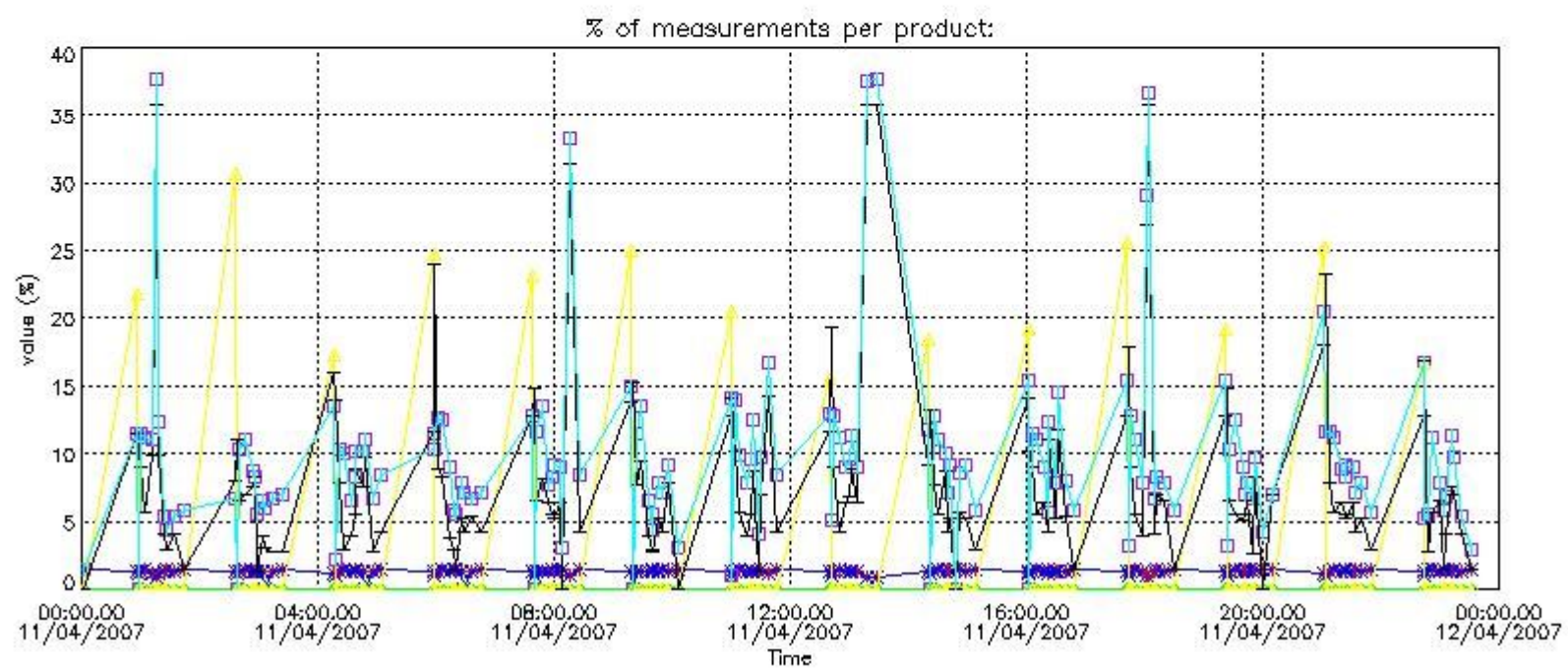
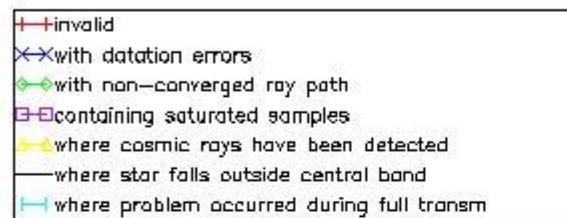
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

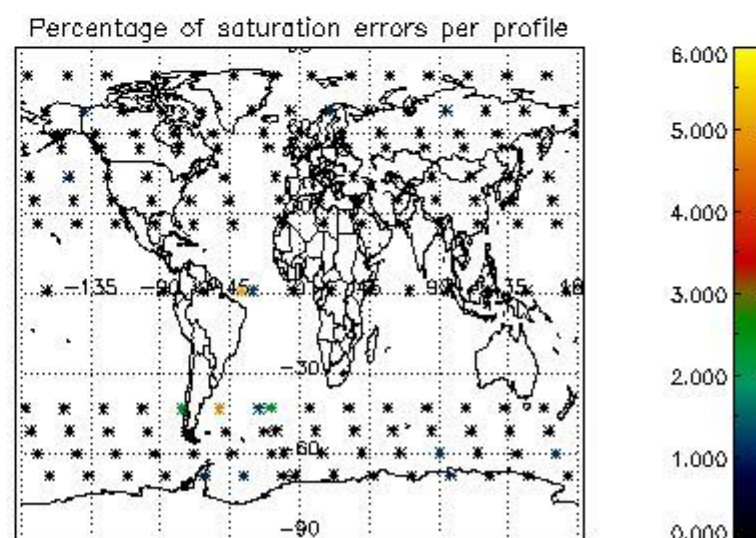
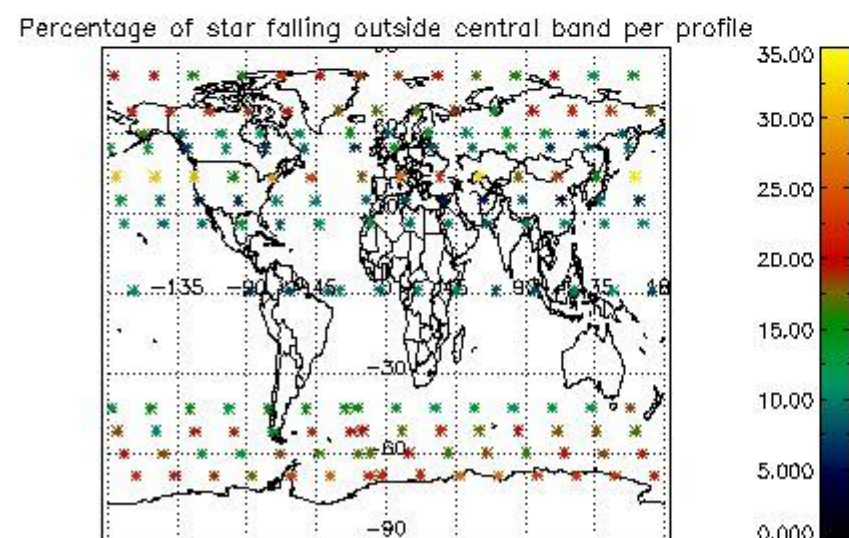
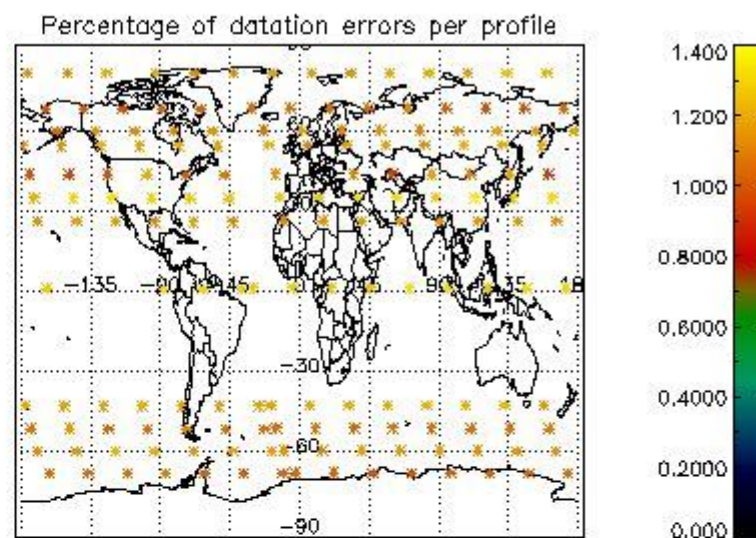
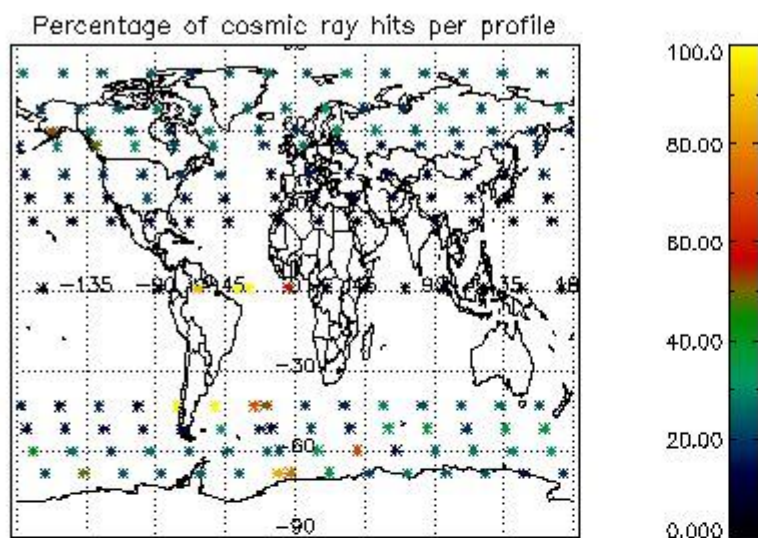


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

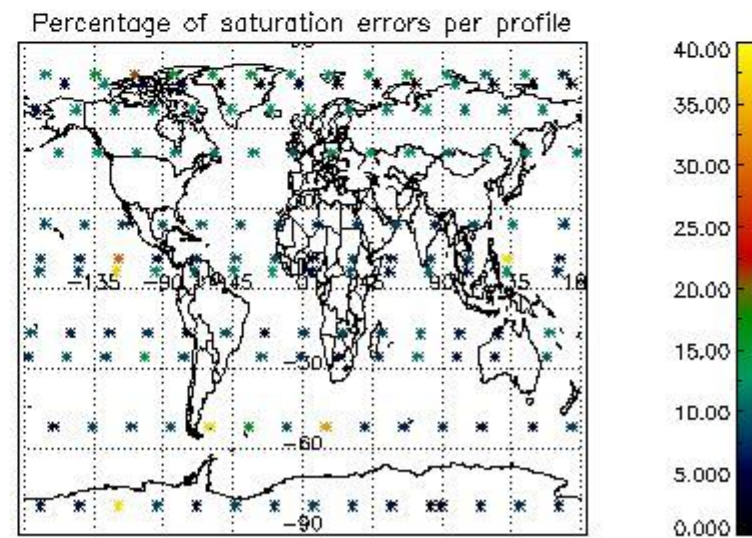
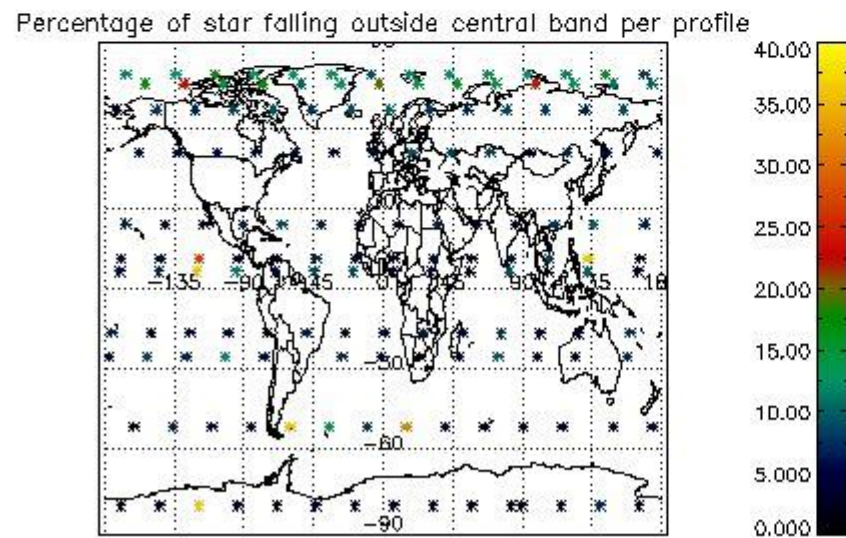
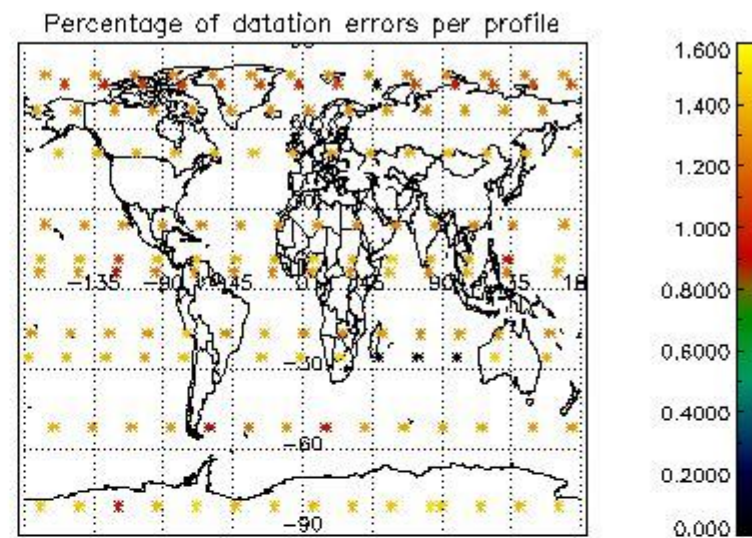
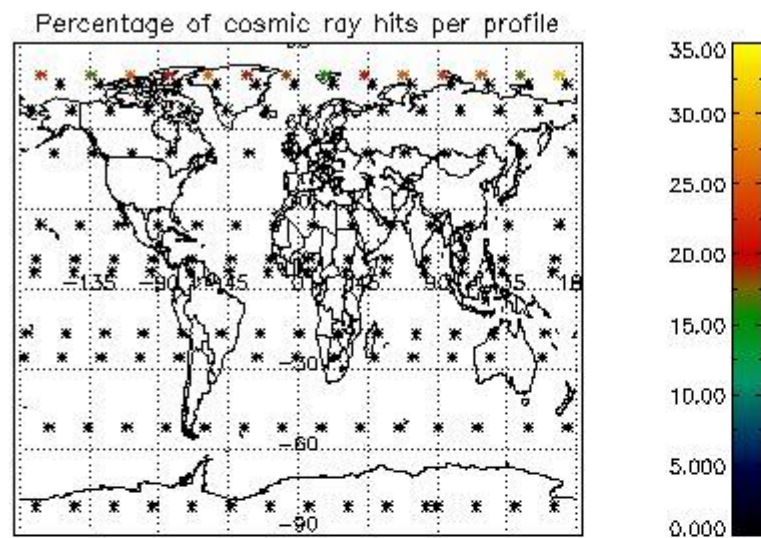


*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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.

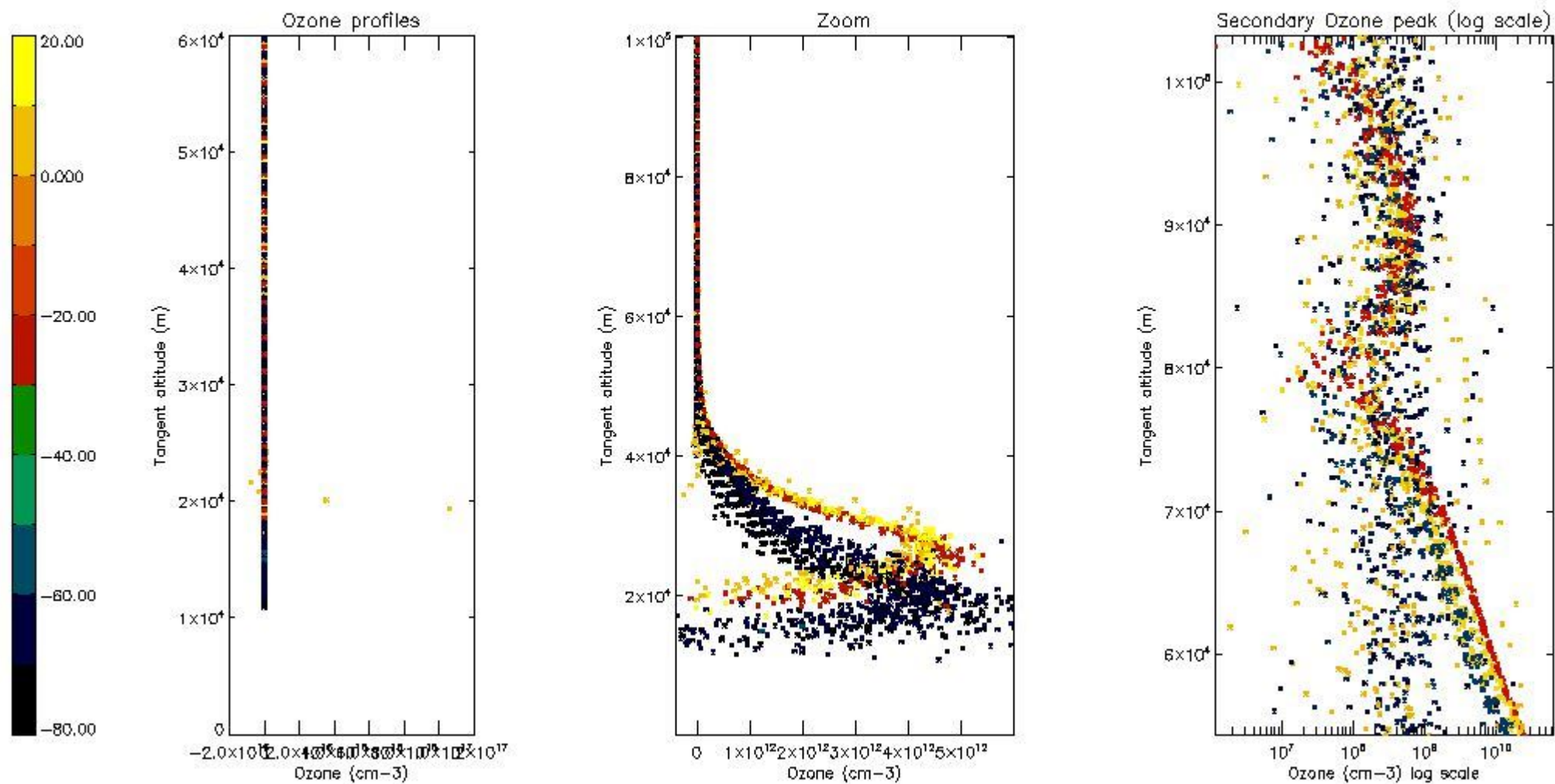
Criteria	% of total production
All STD	27
STD < 20	10



STD < 10	6
STD < 5	2

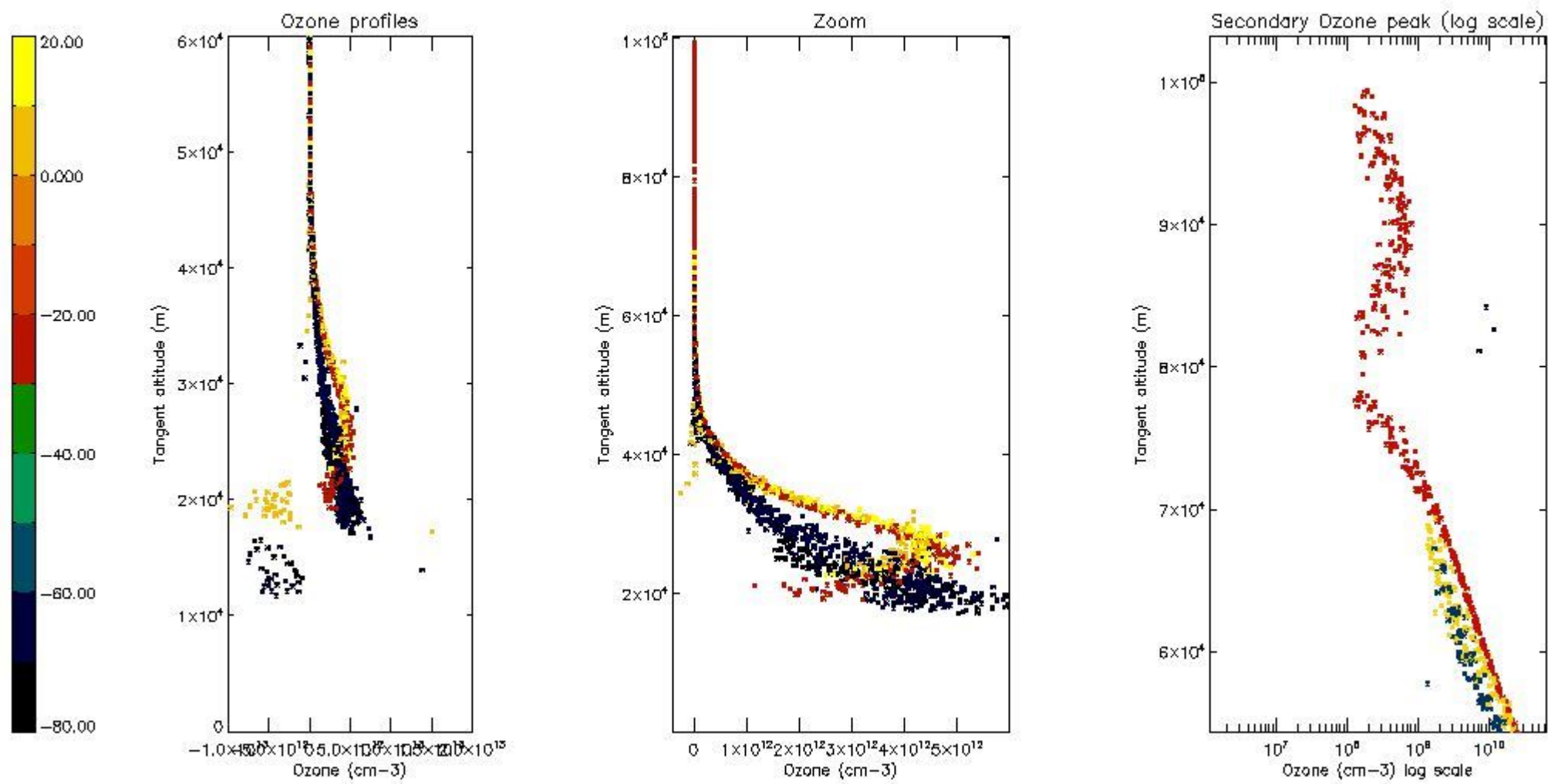
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



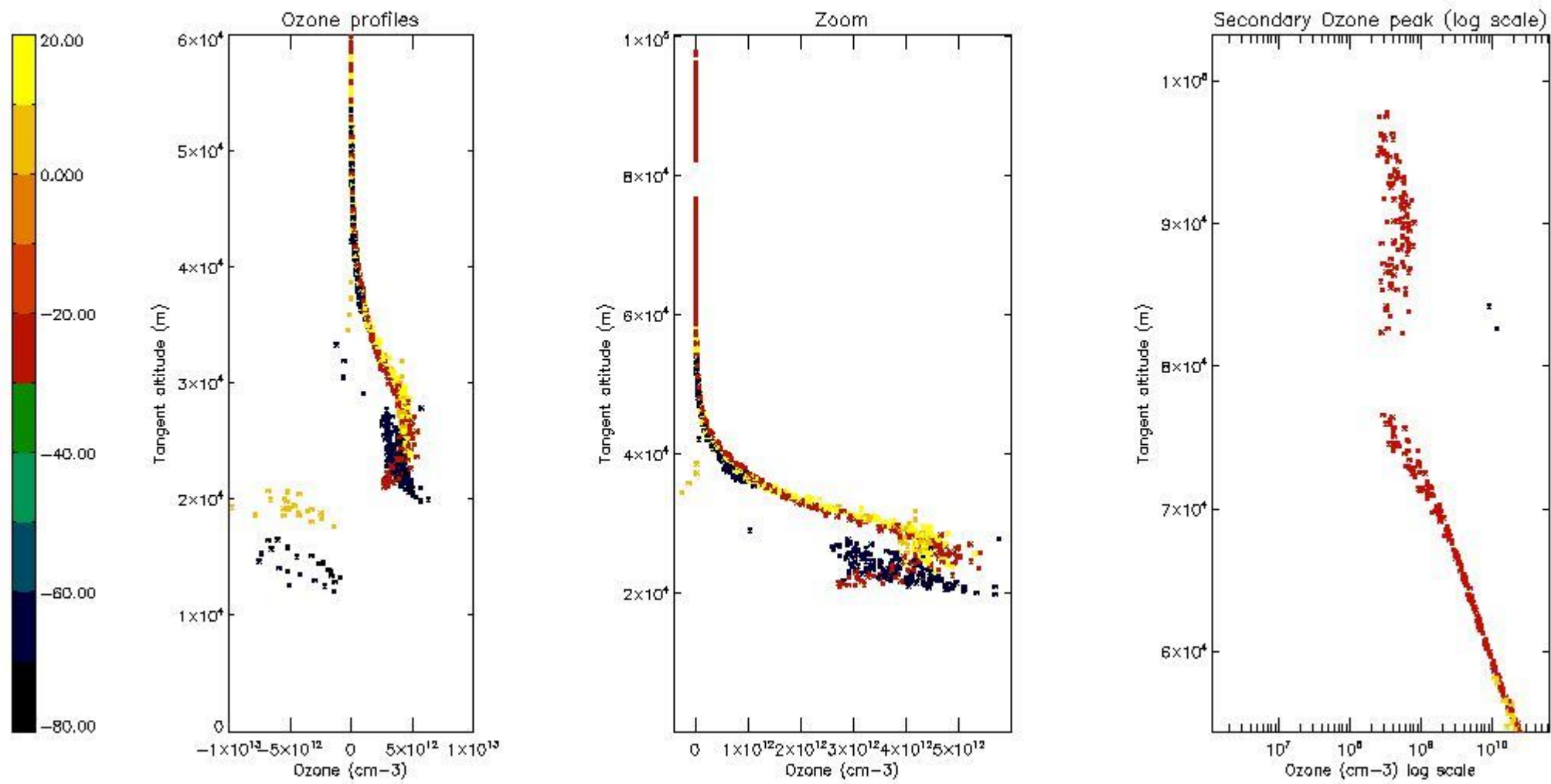
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



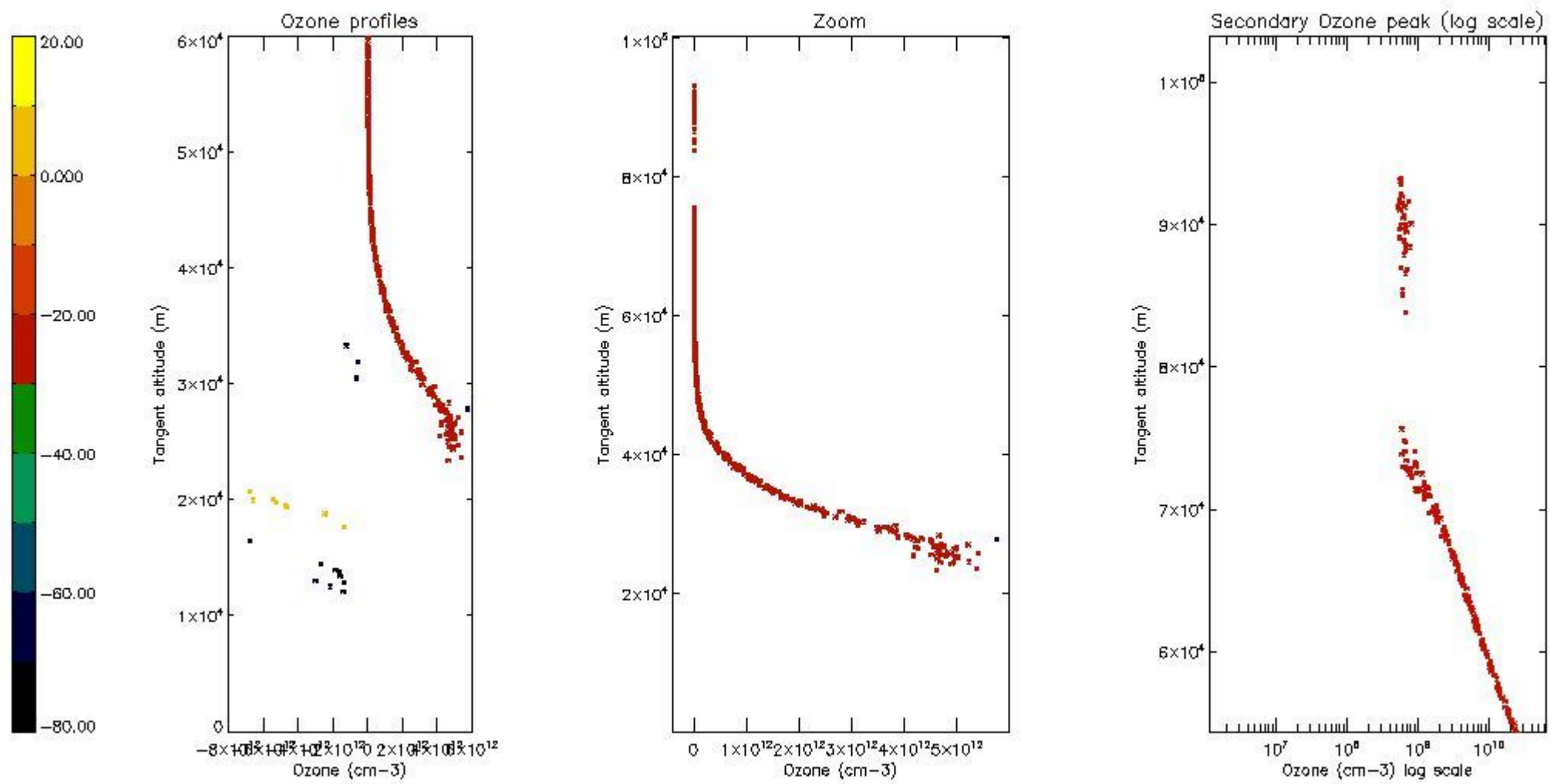
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



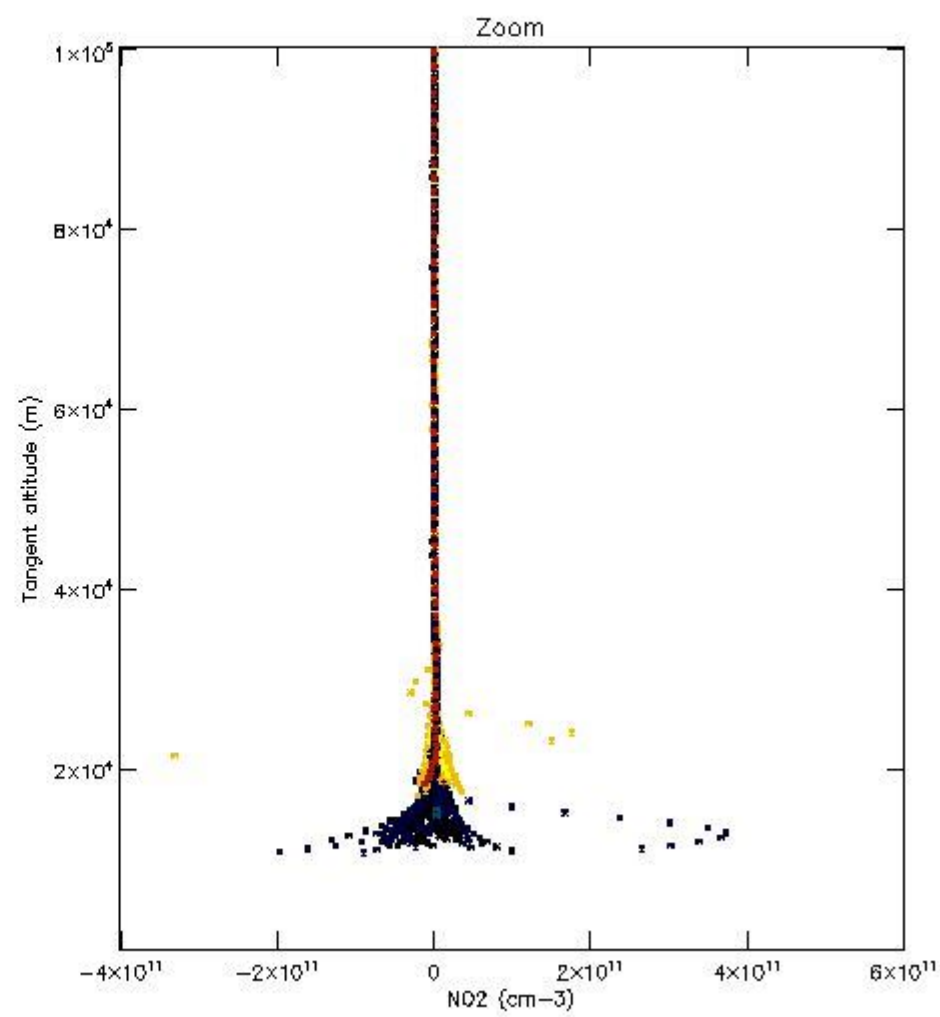
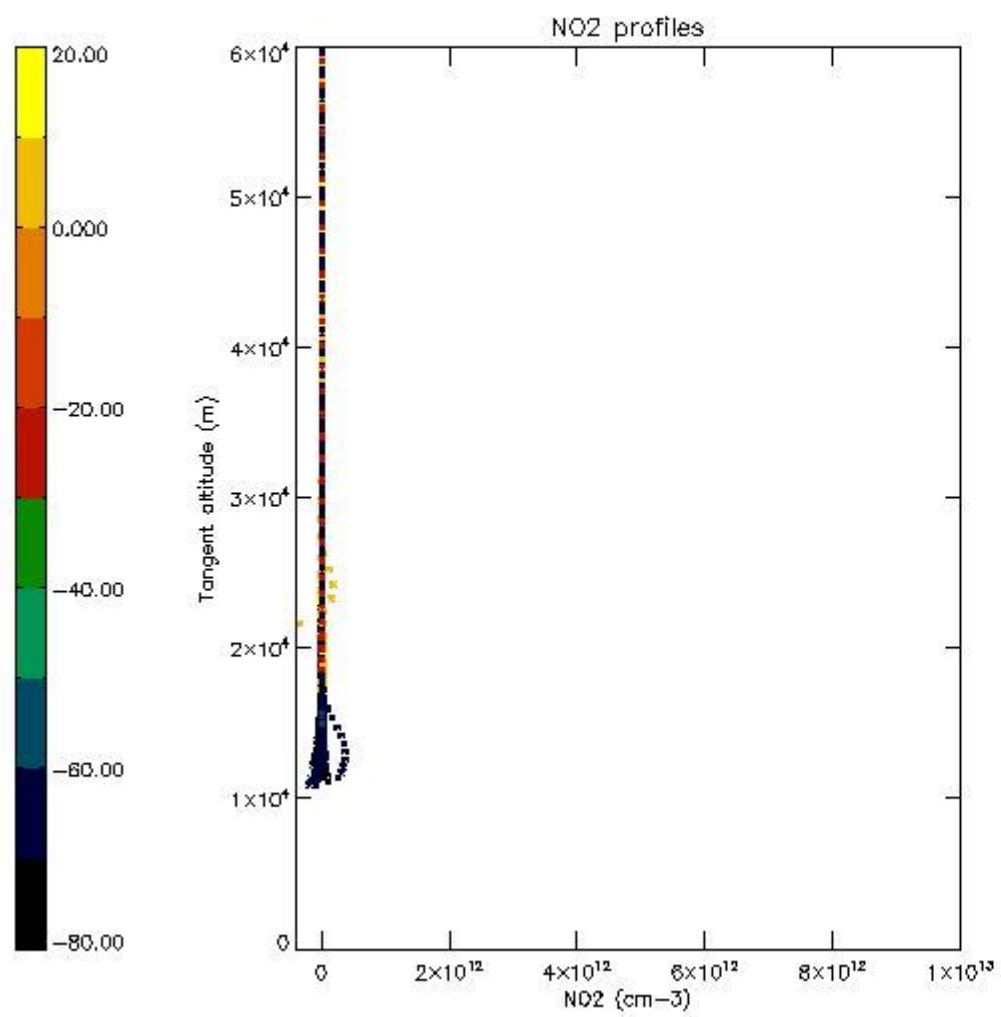
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



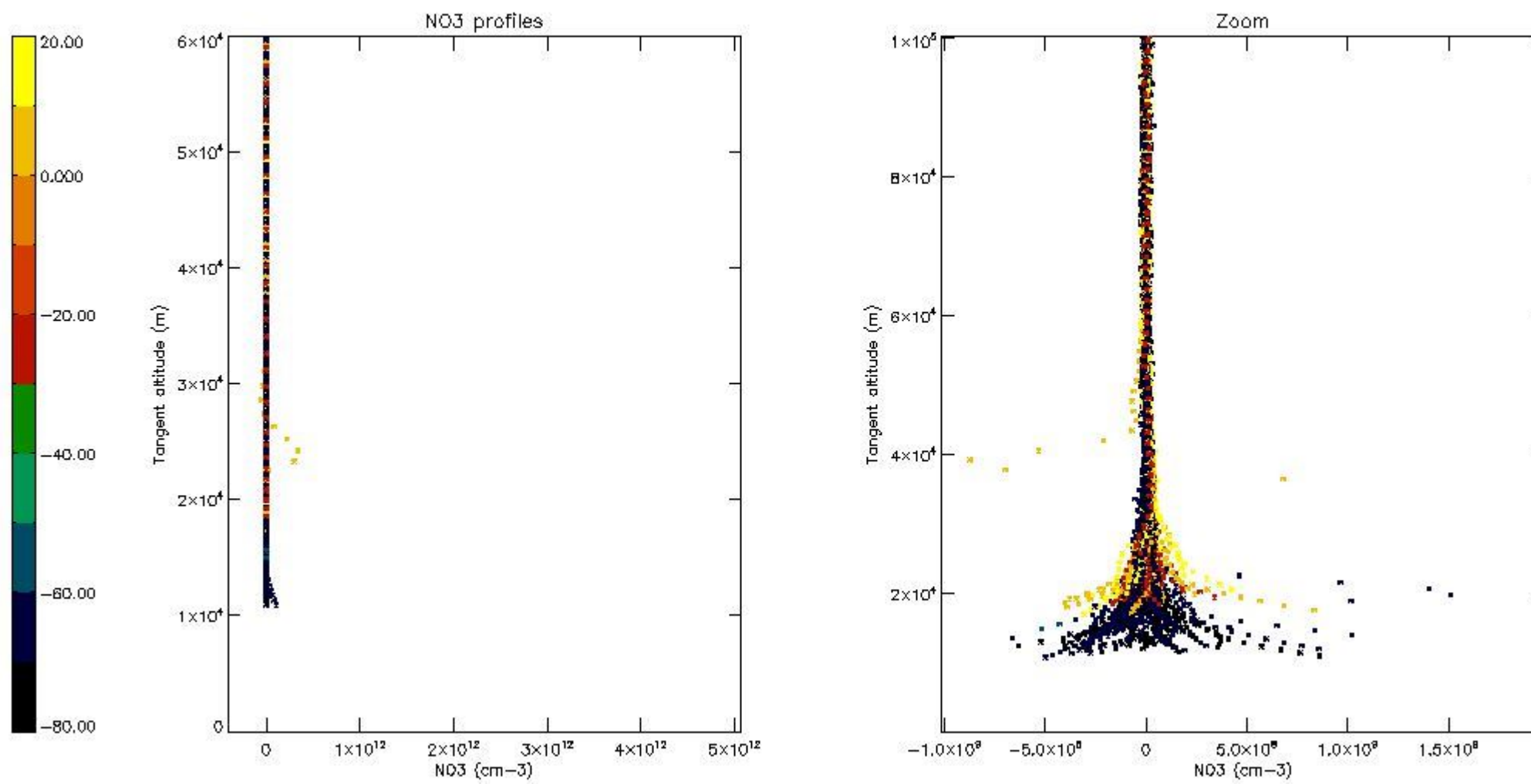
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

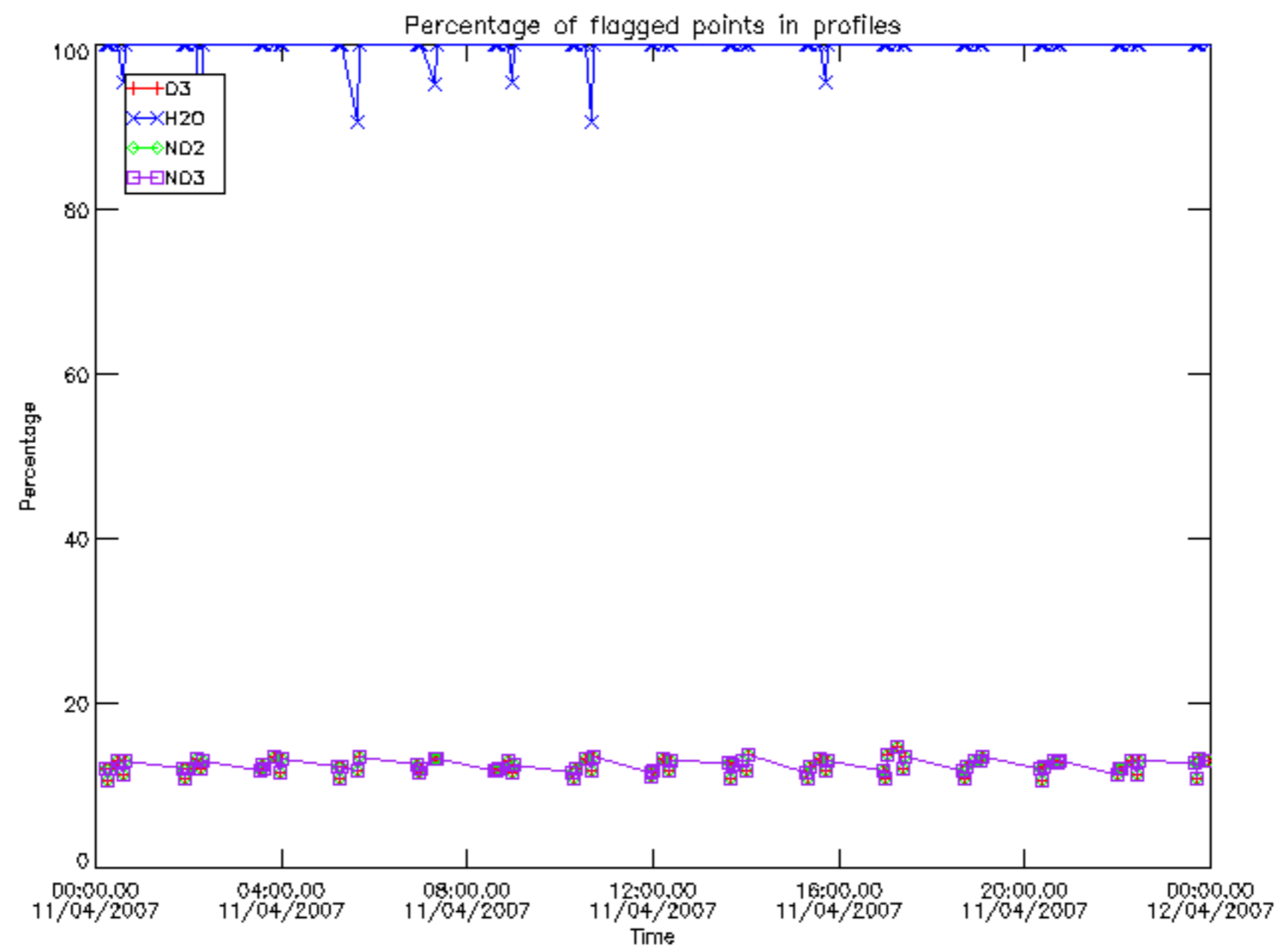
The colorbar represents the latitude.



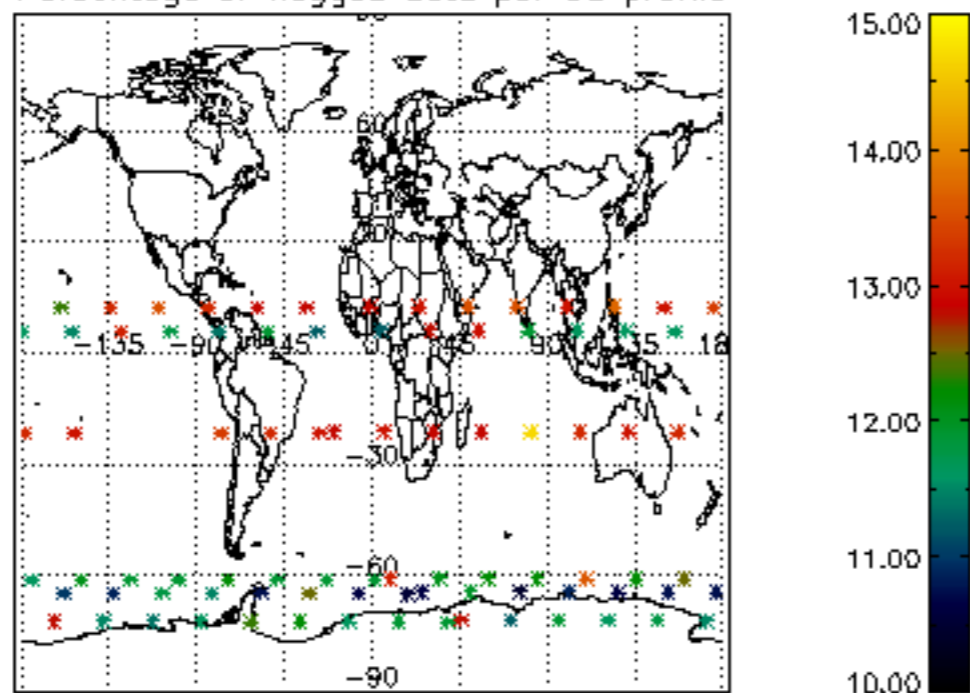
## 6. Auxiliary Data Files used for the production reported in section 2

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.

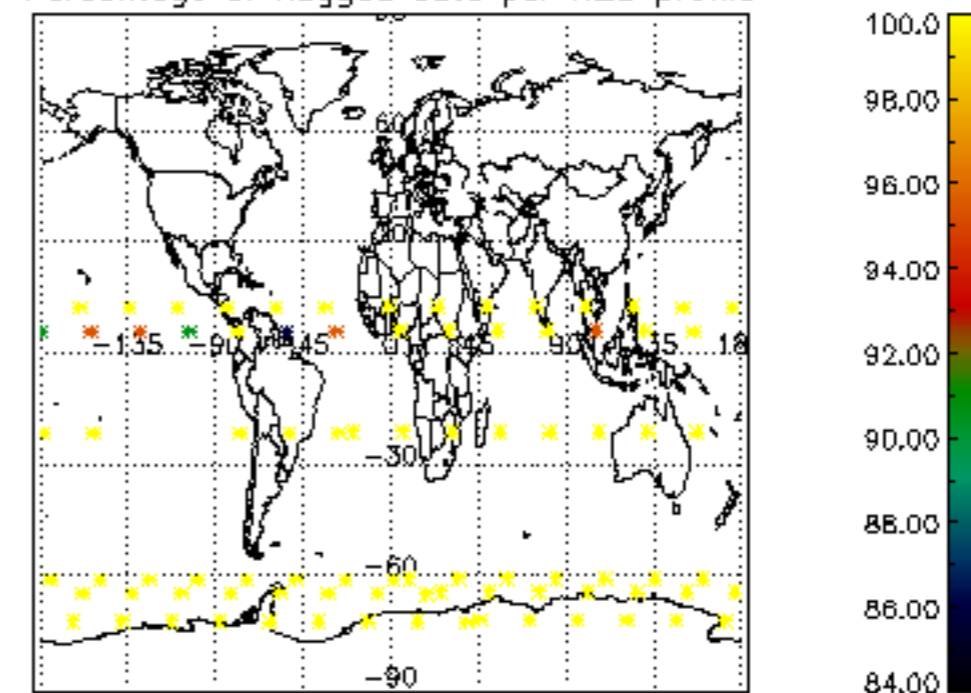
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-APR-2007 00:02:47
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-APR-2007 00:02:47
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-APR-2007 00:02:47



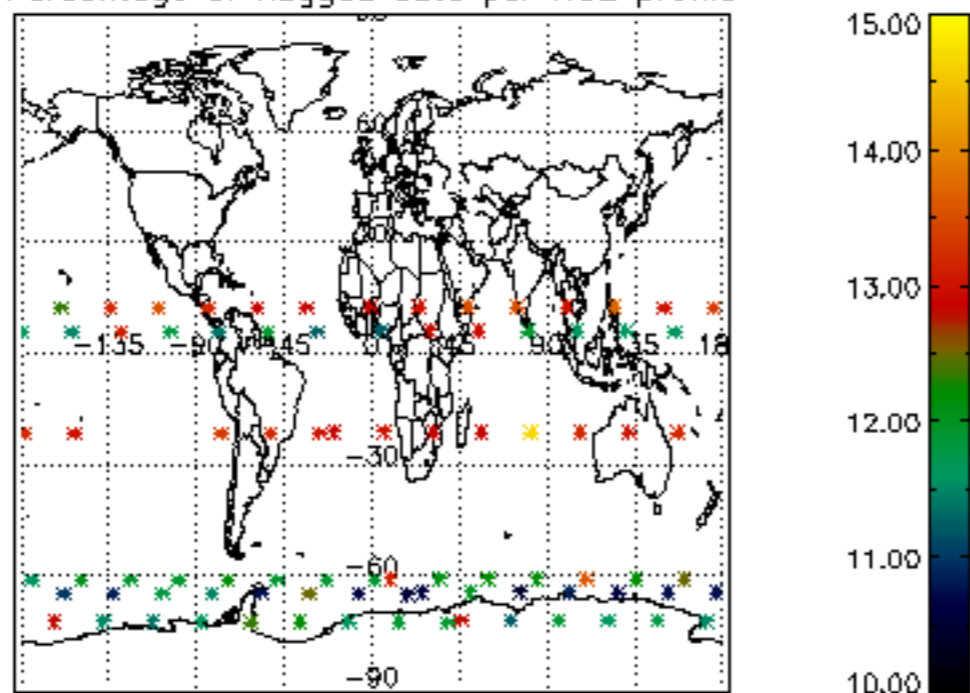
Percentage of flagged data per D3 profile



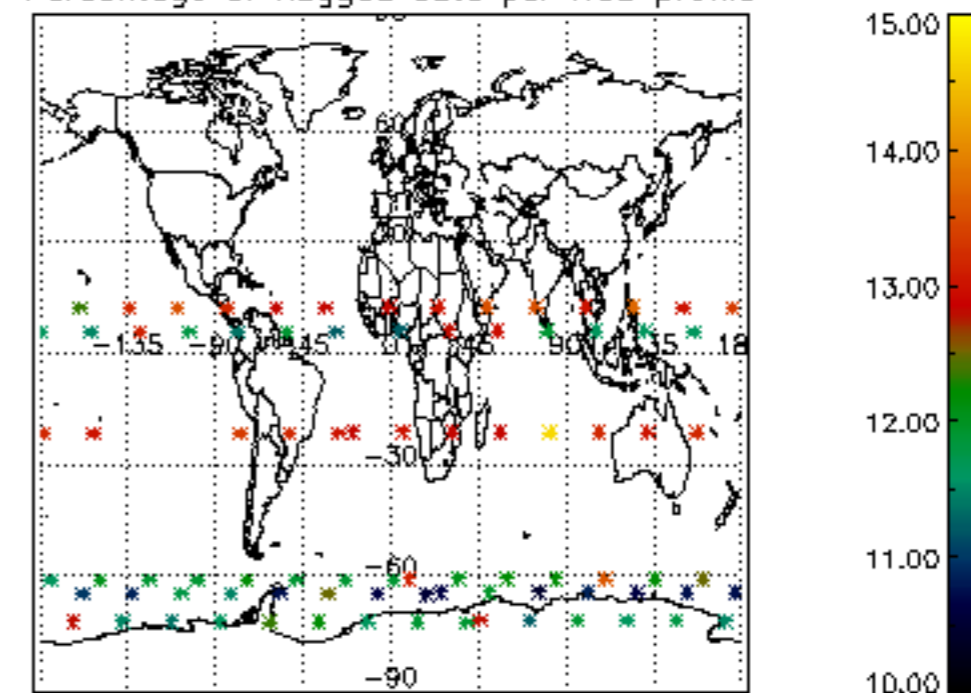
Percentage of flagged data per H2O profile



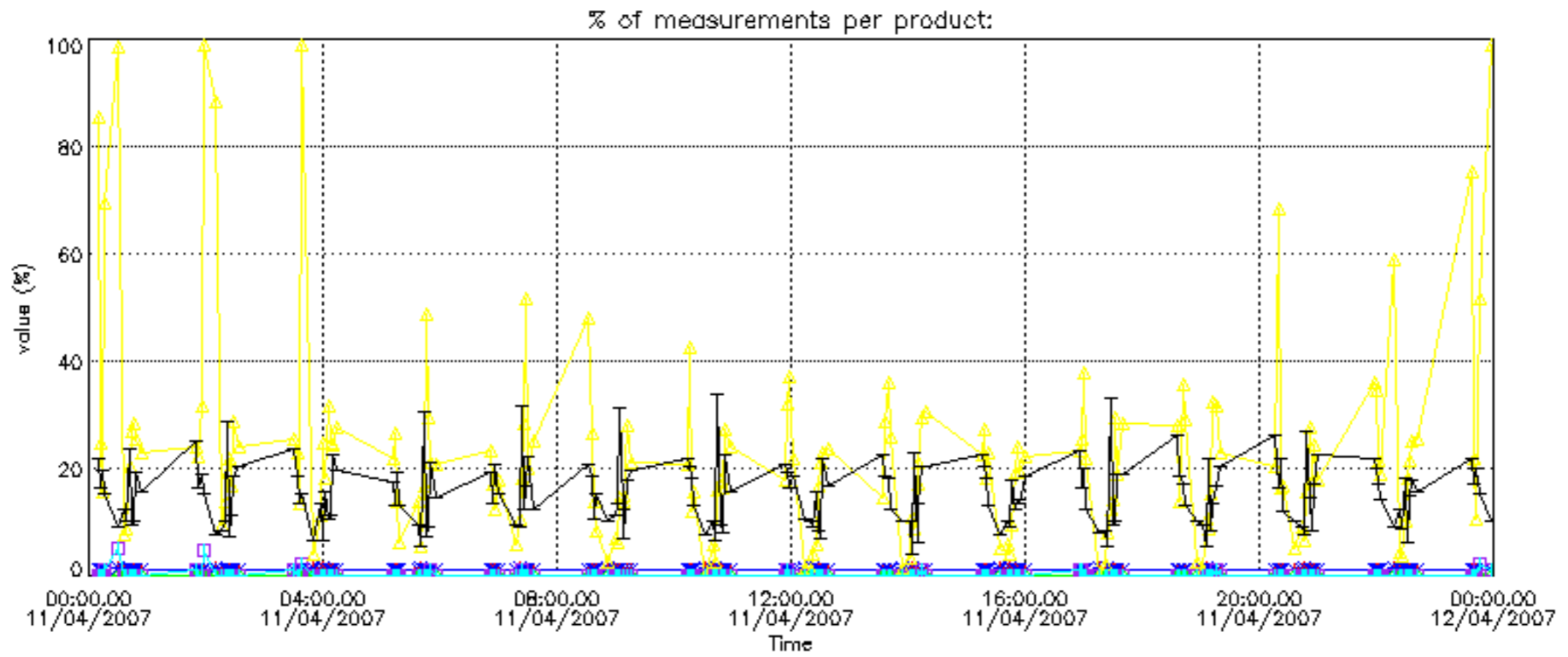
Percentage of flagged data per NO2 profile

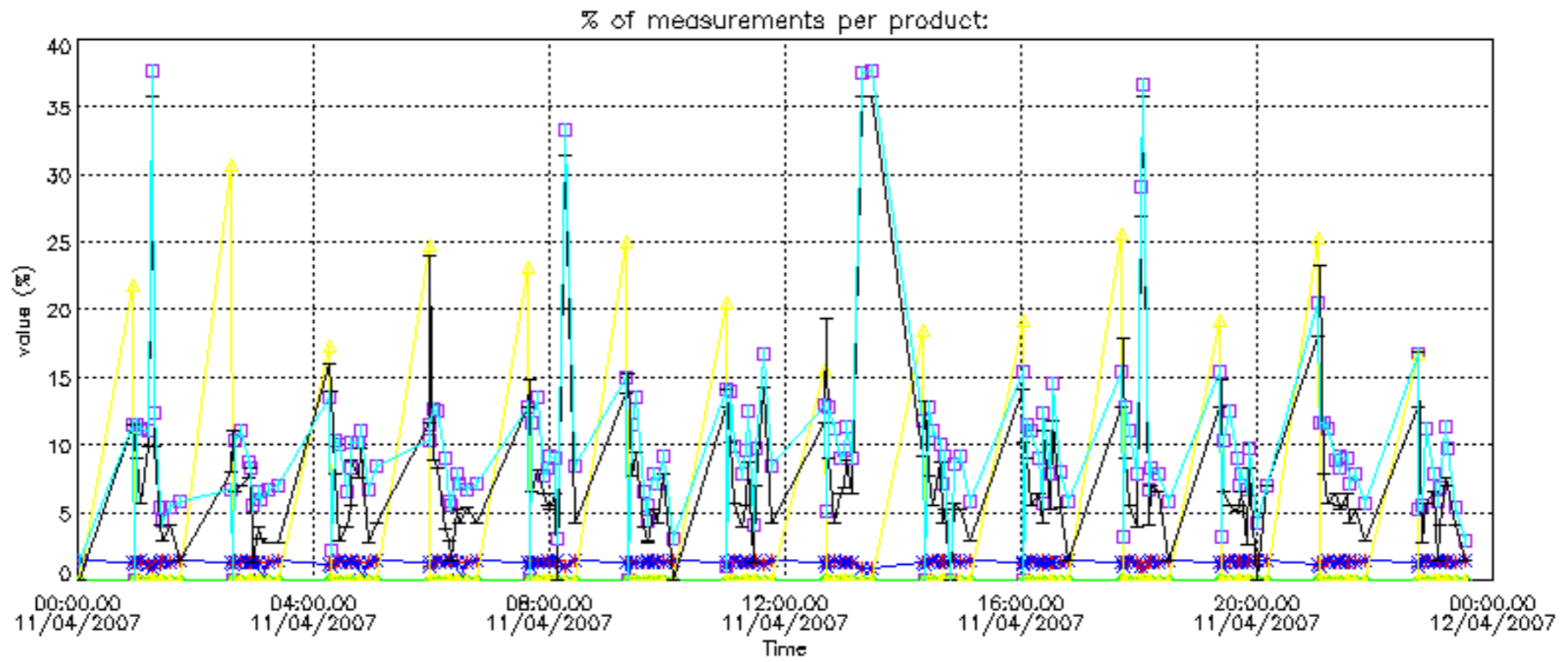


Percentage of flagged data per NO3 profile

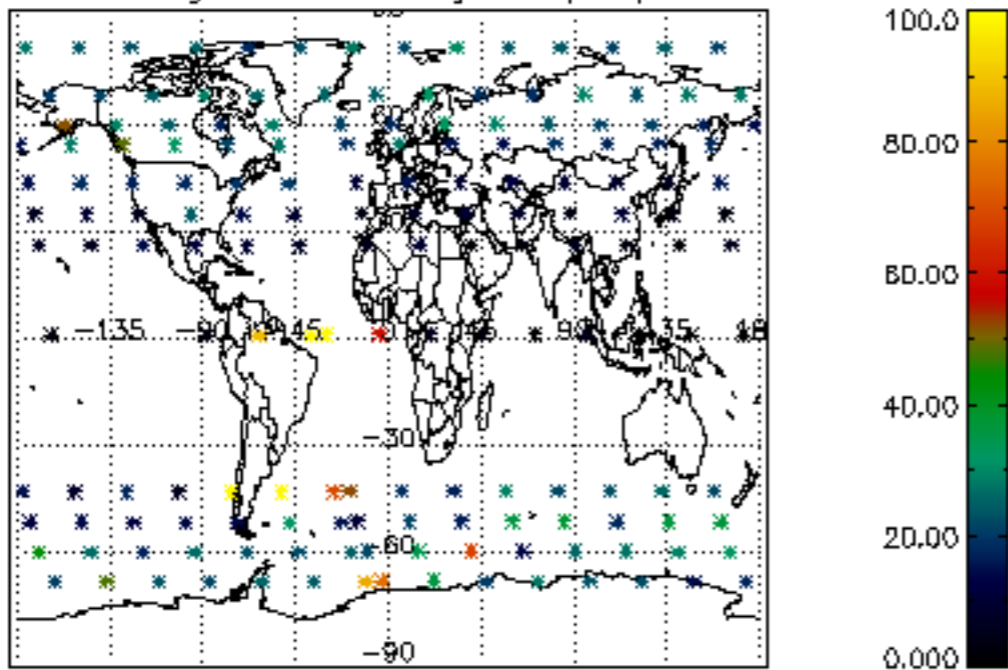




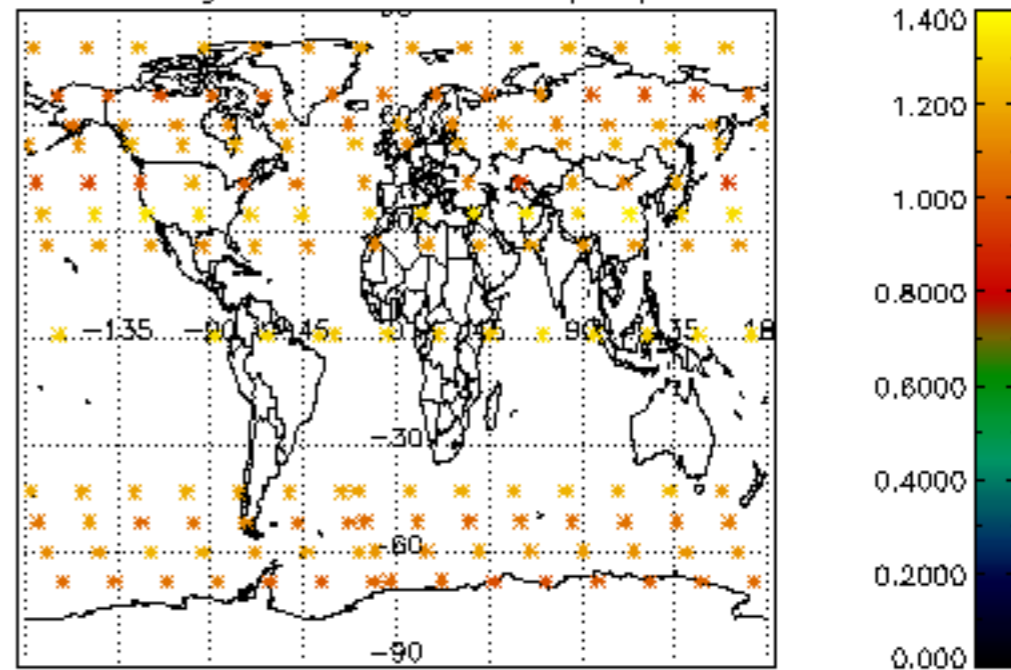




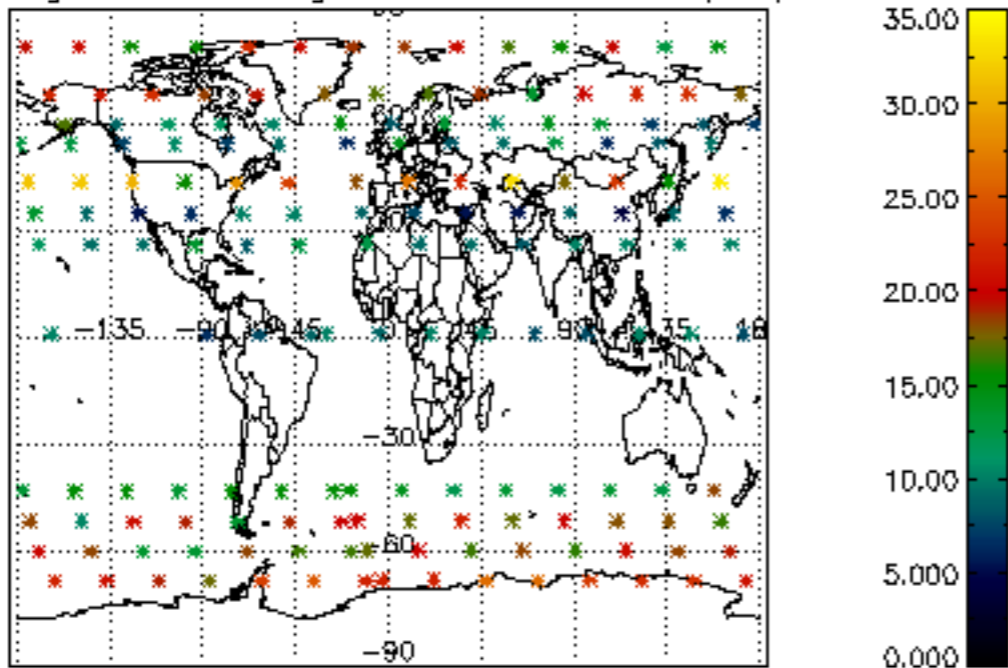
Percentage of cosmic ray hits per profile



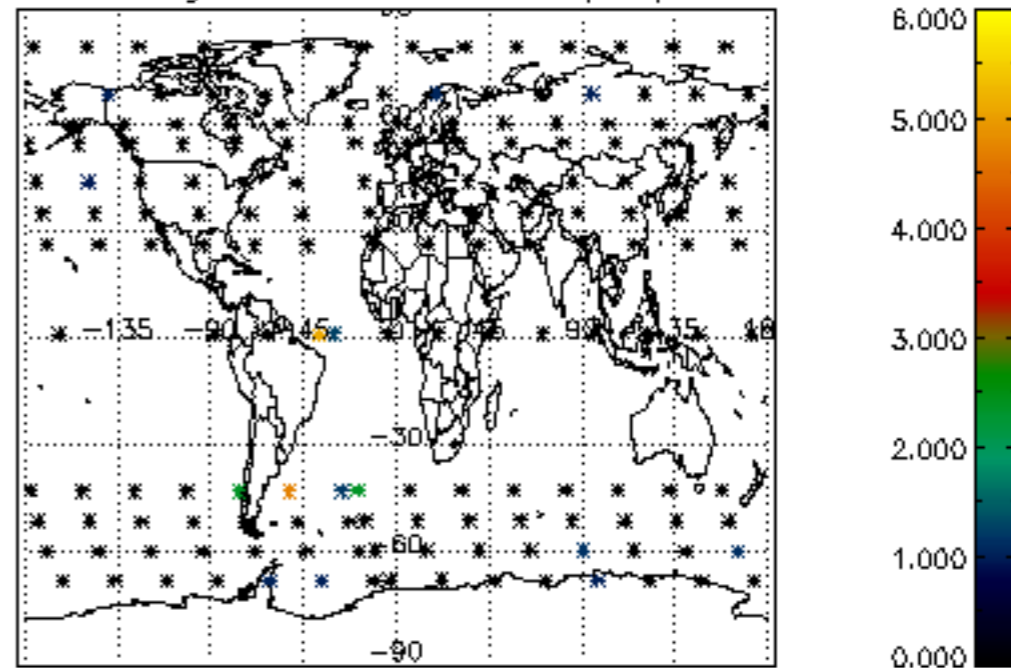
Percentage of datation errors per profile



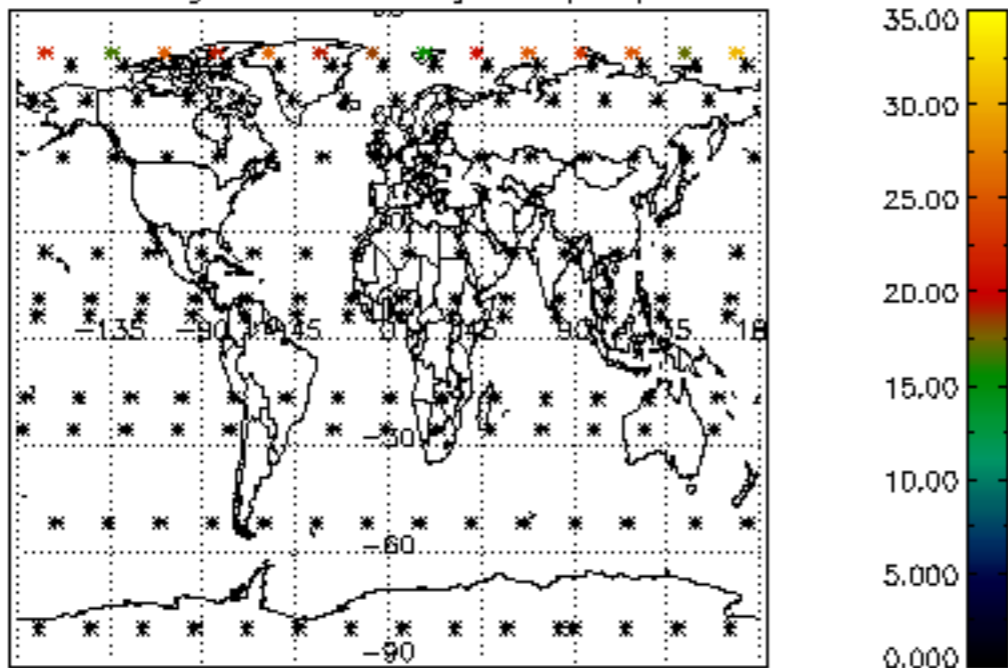
Percentage of star falling outside central band per profile



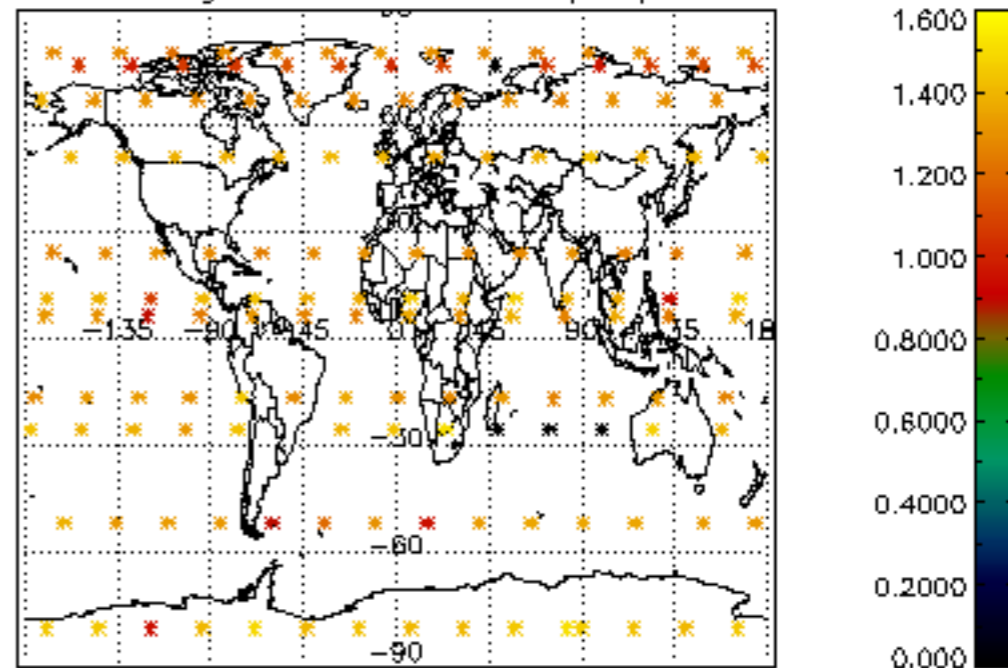
Percentage of saturation errors per profile



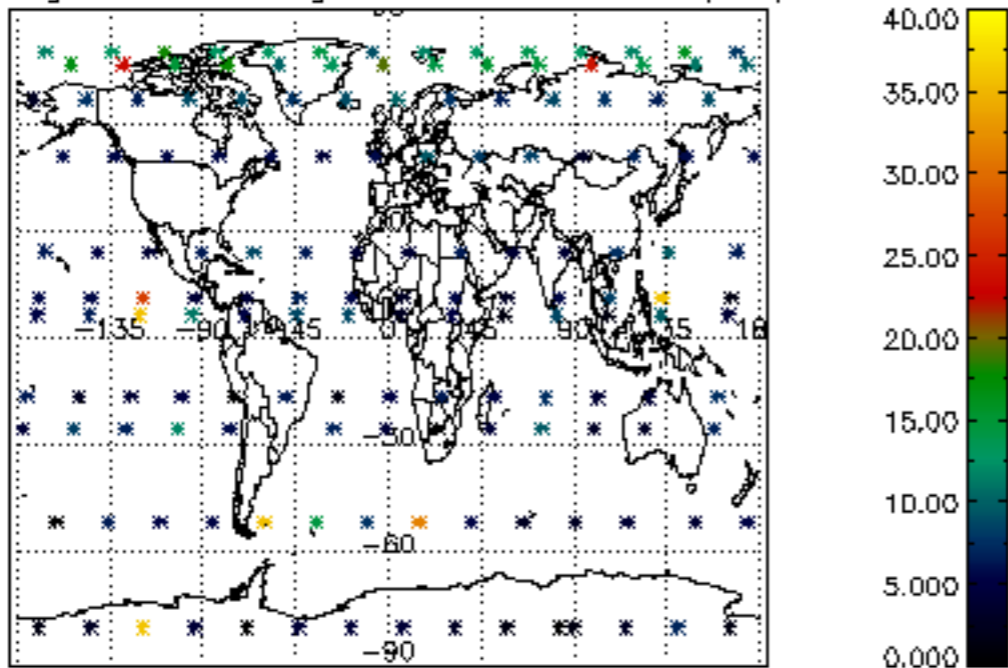
Percentage of cosmic ray hits per profile



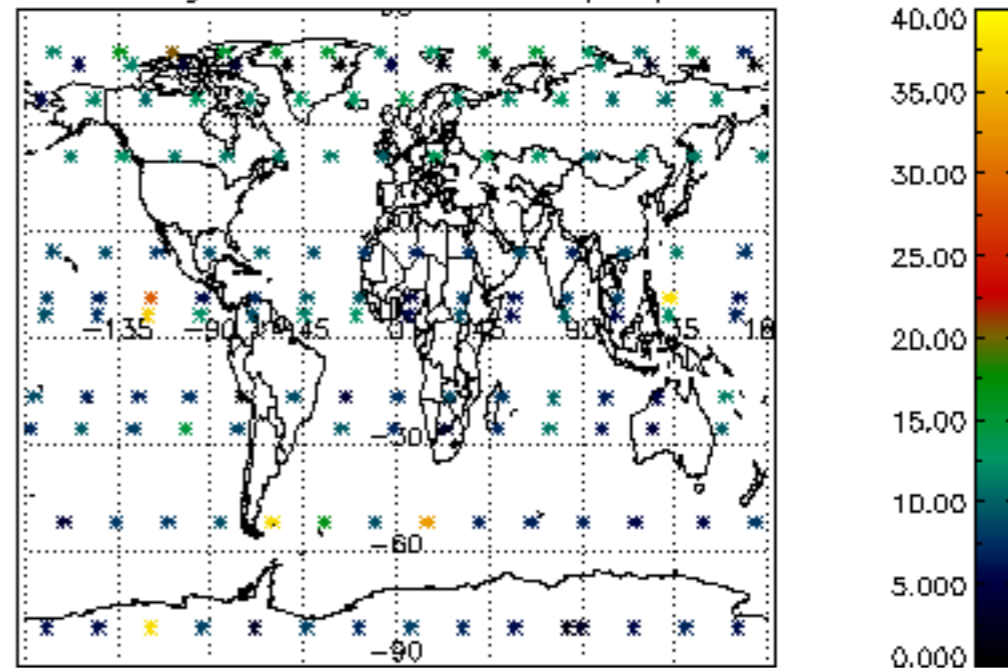
Percentage of datation errors per profile

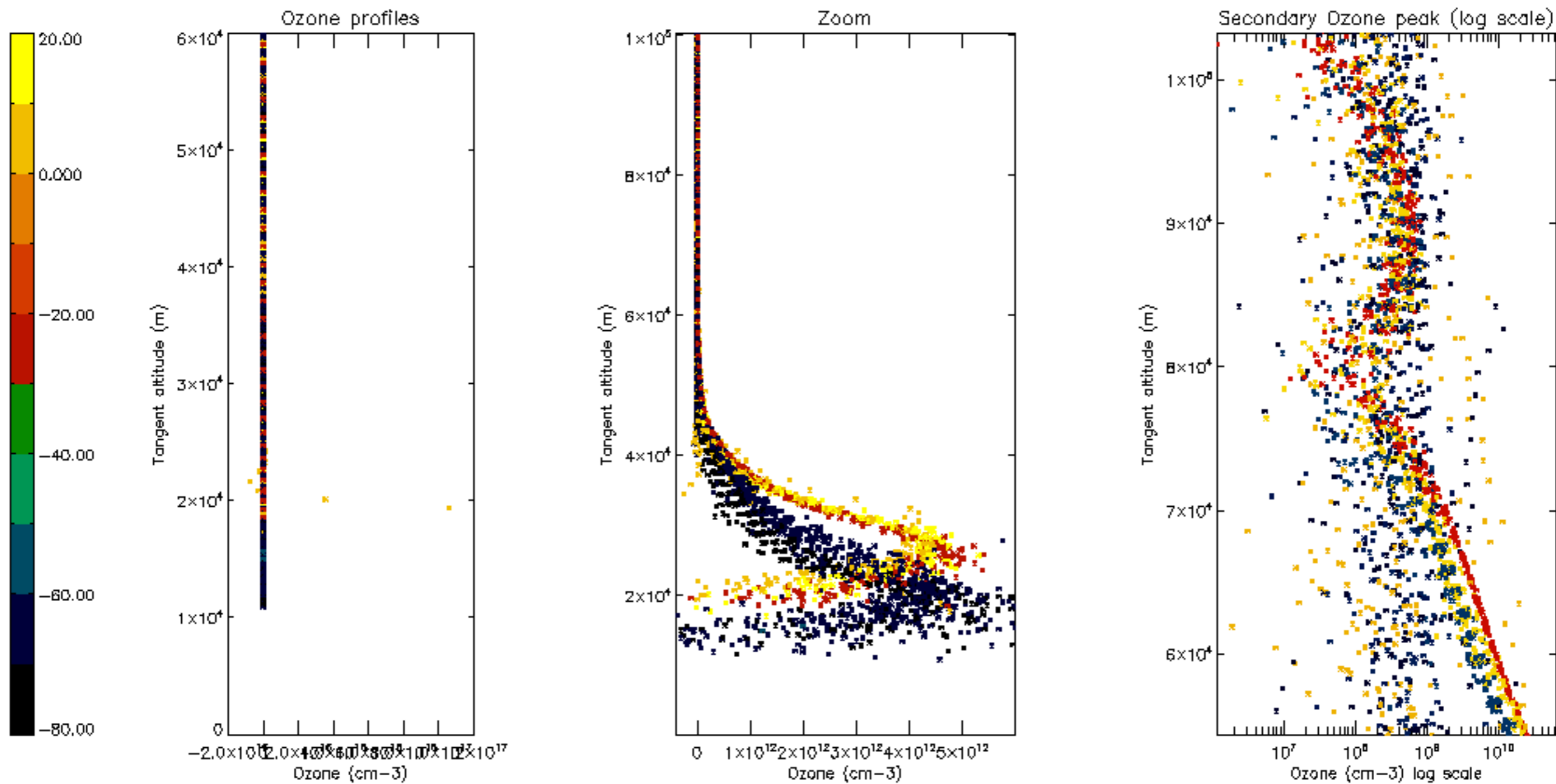


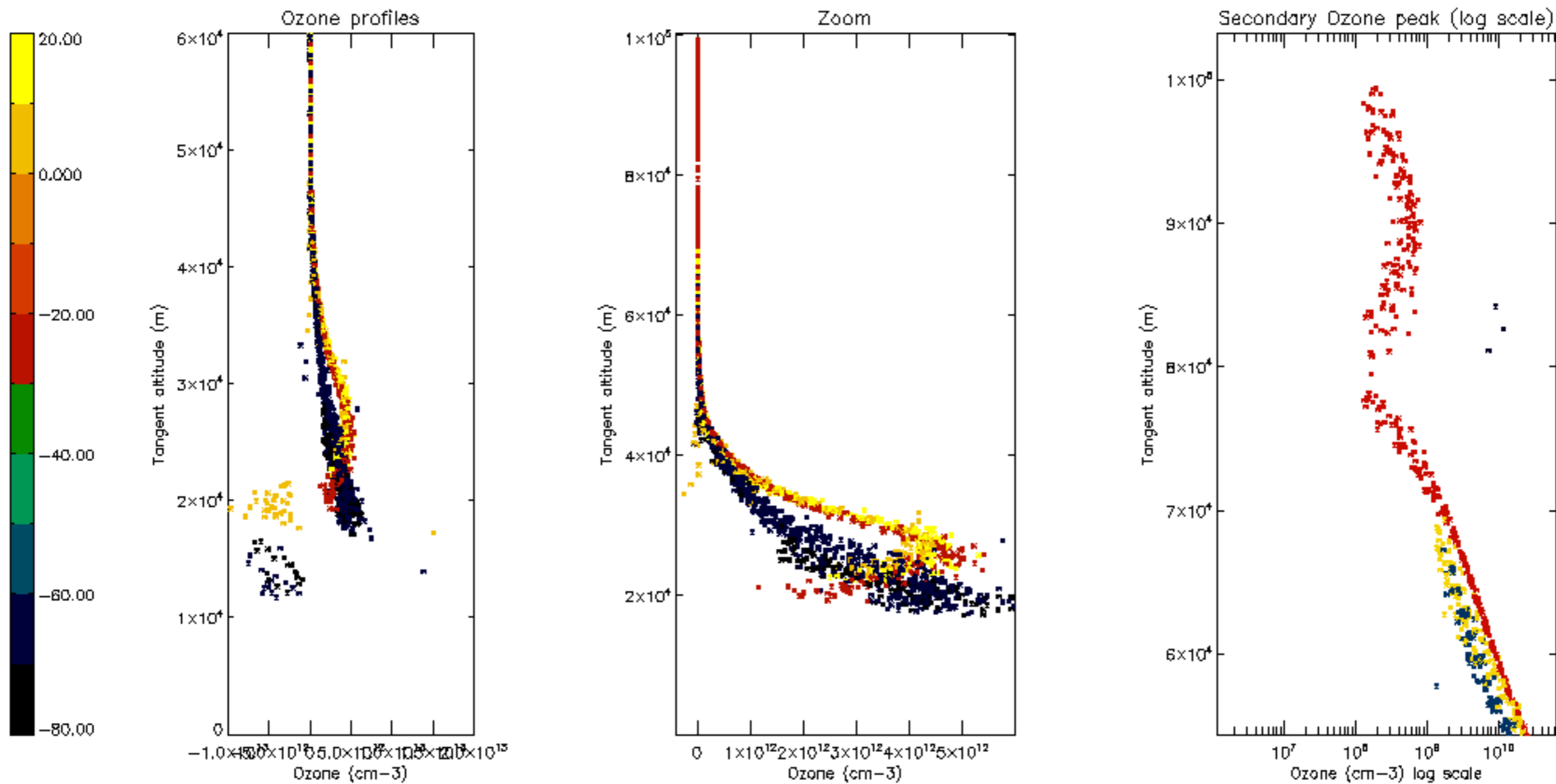
Percentage of star falling outside central band per profile

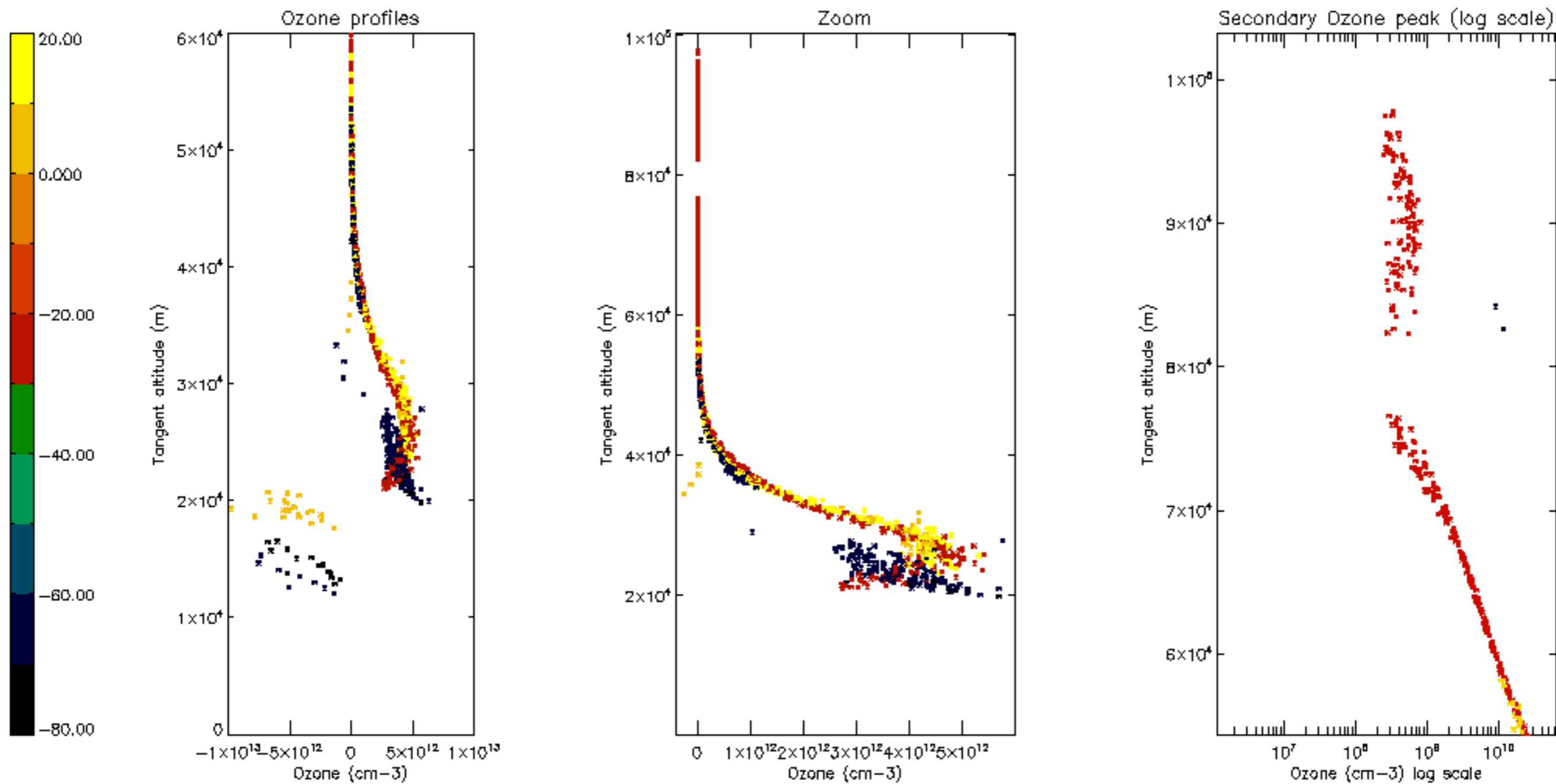


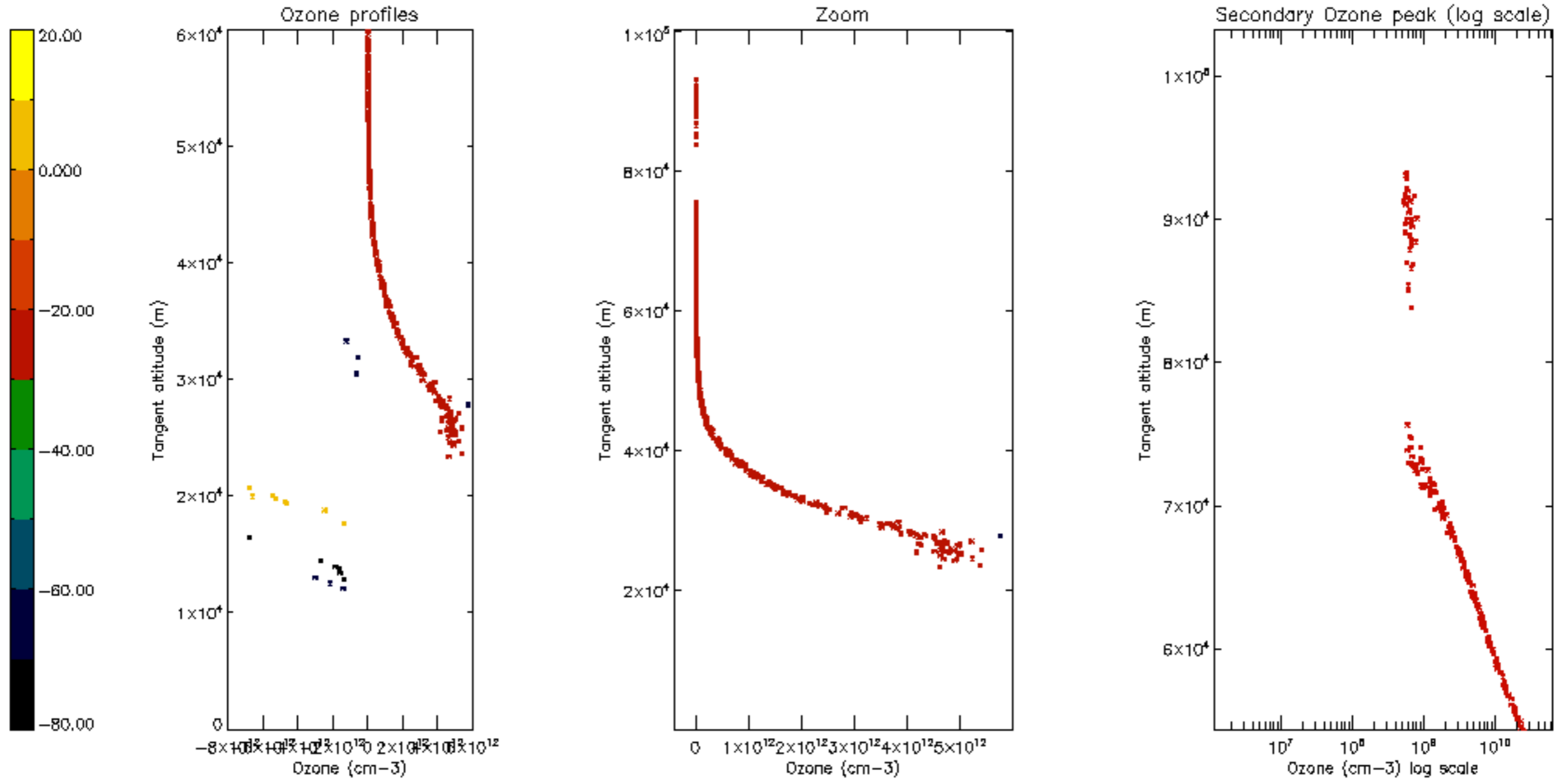
Percentage of saturation errors per profile



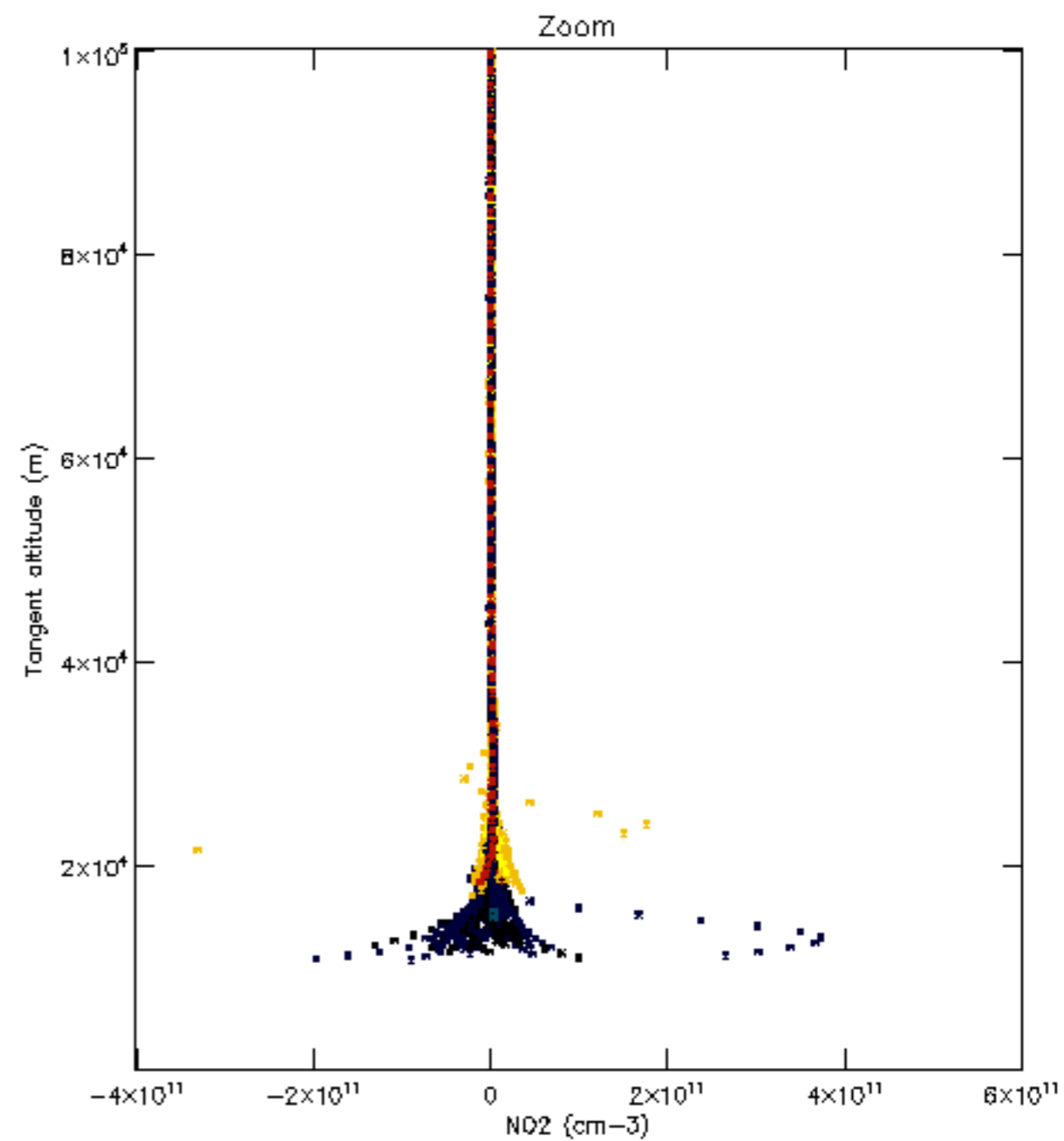
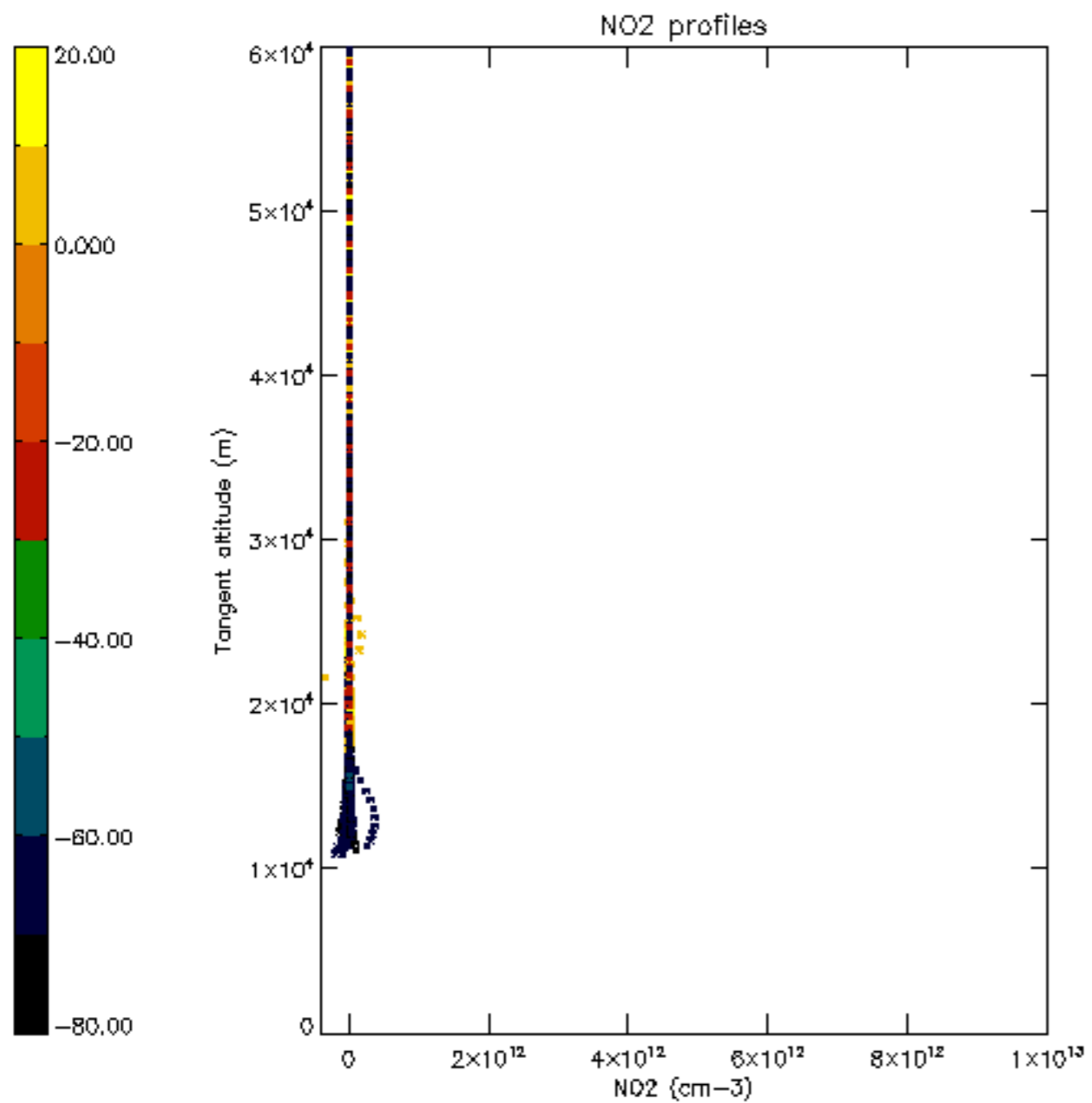


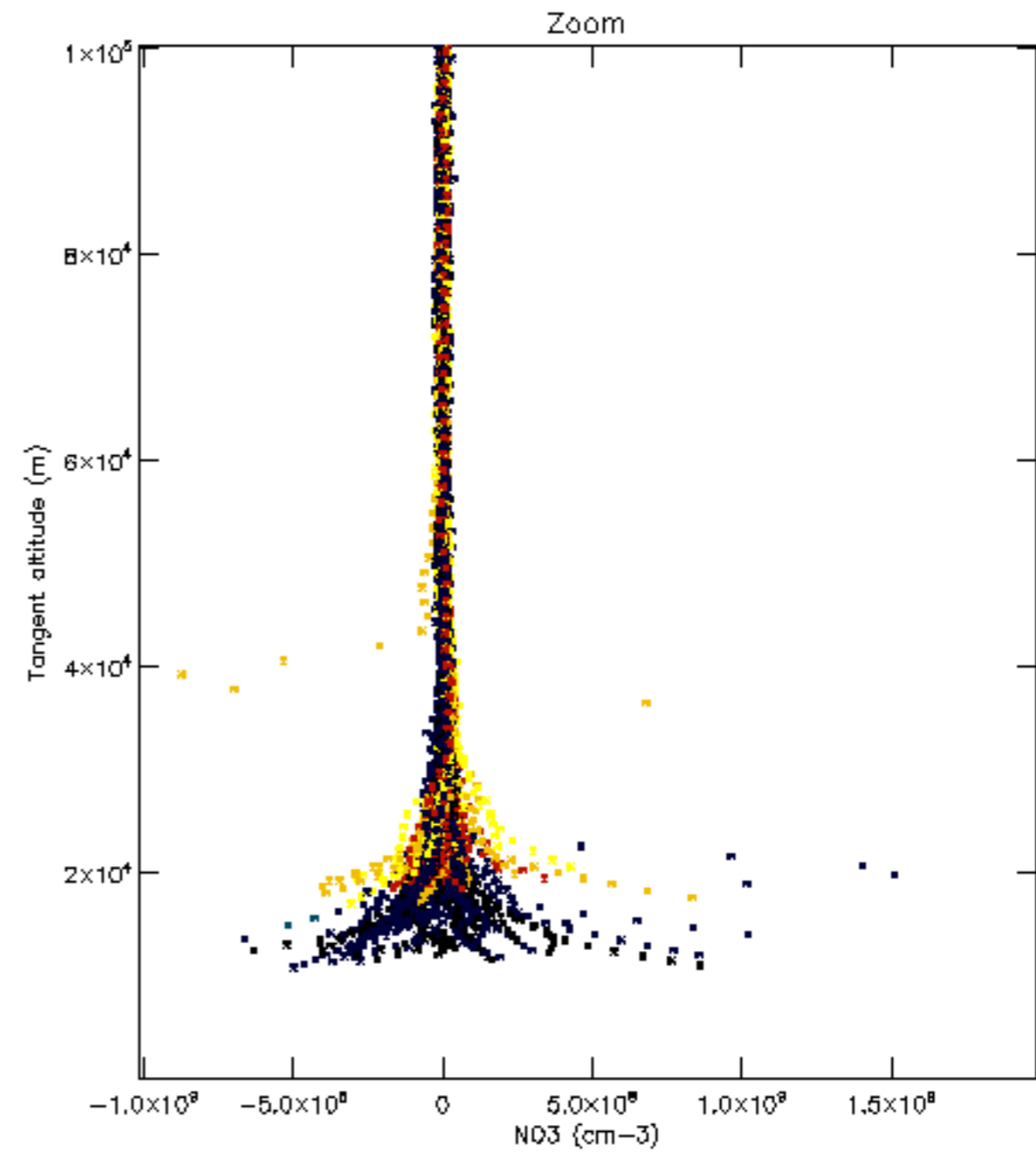
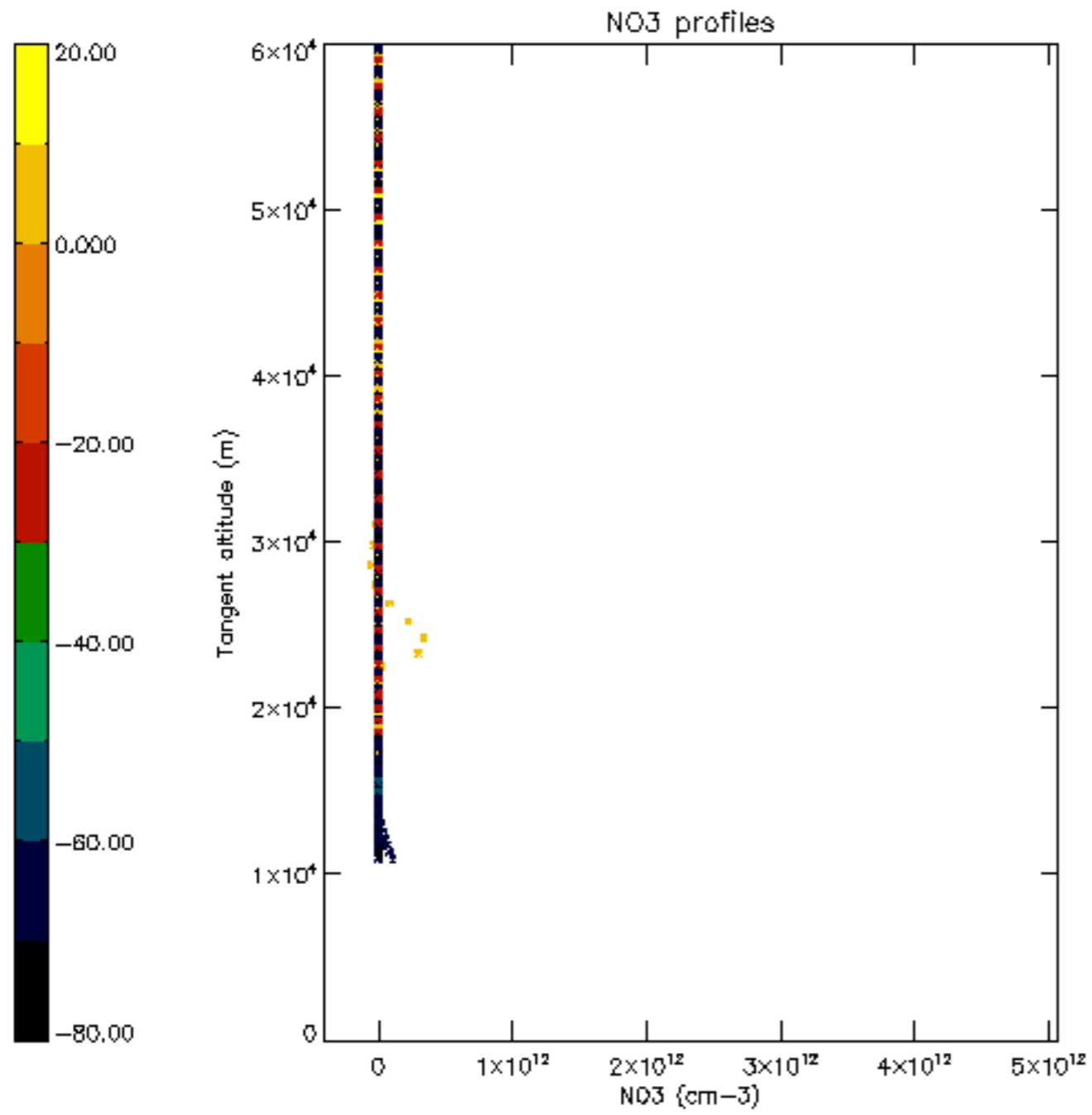


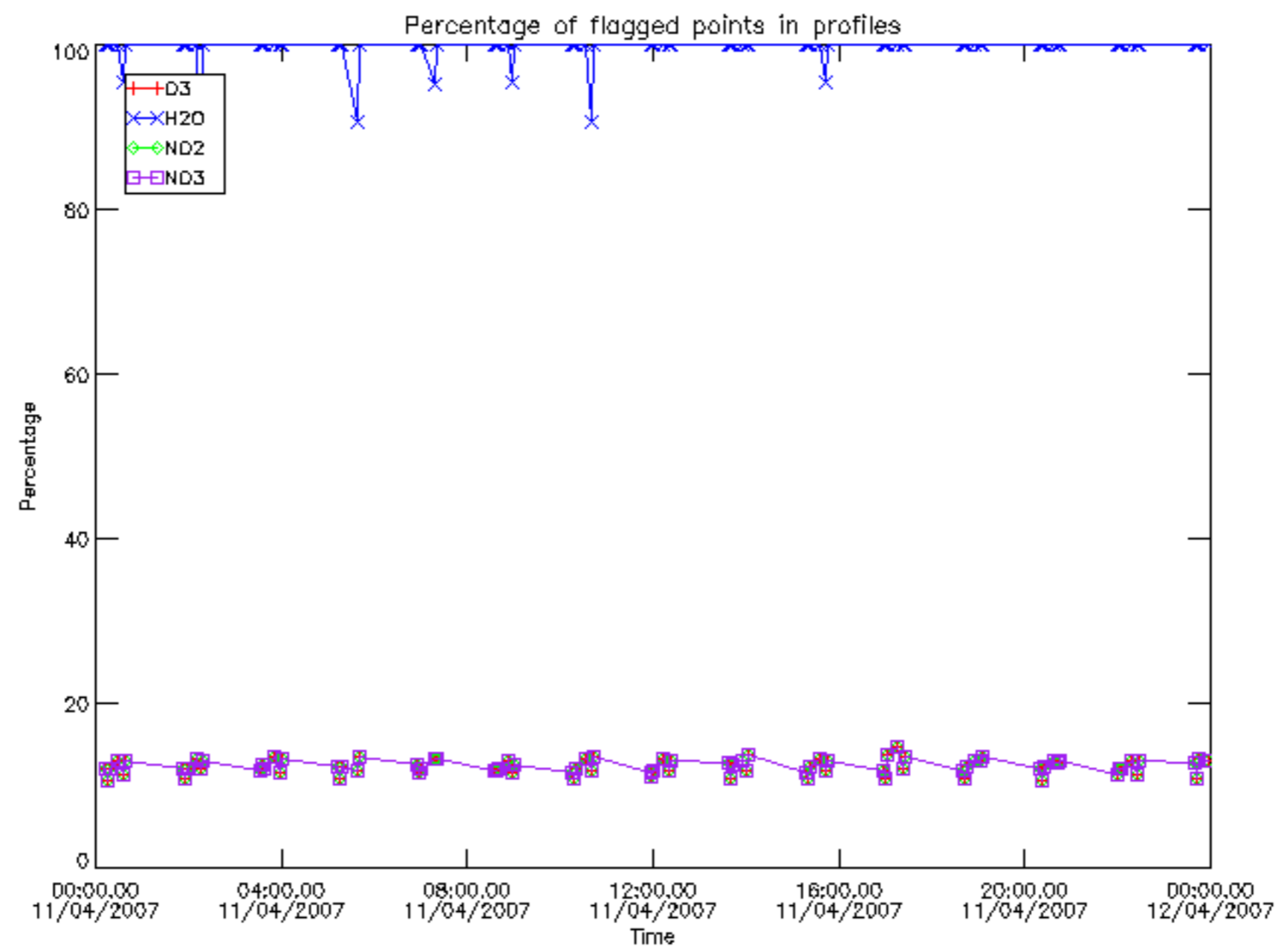




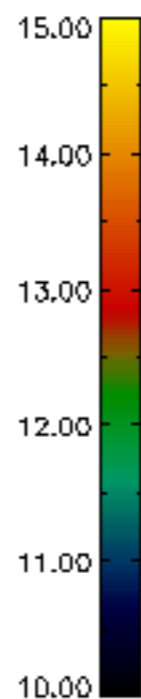
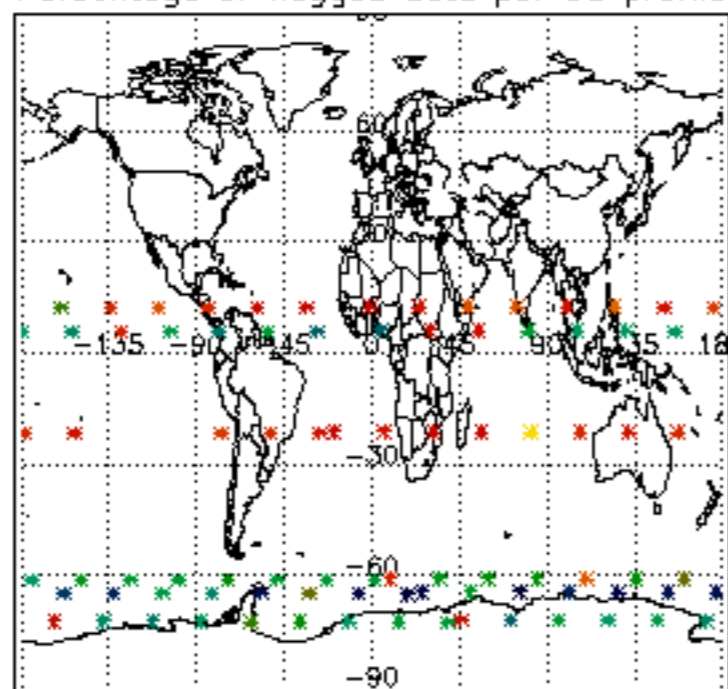




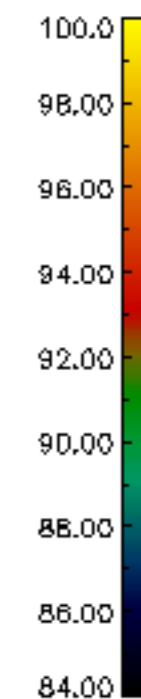
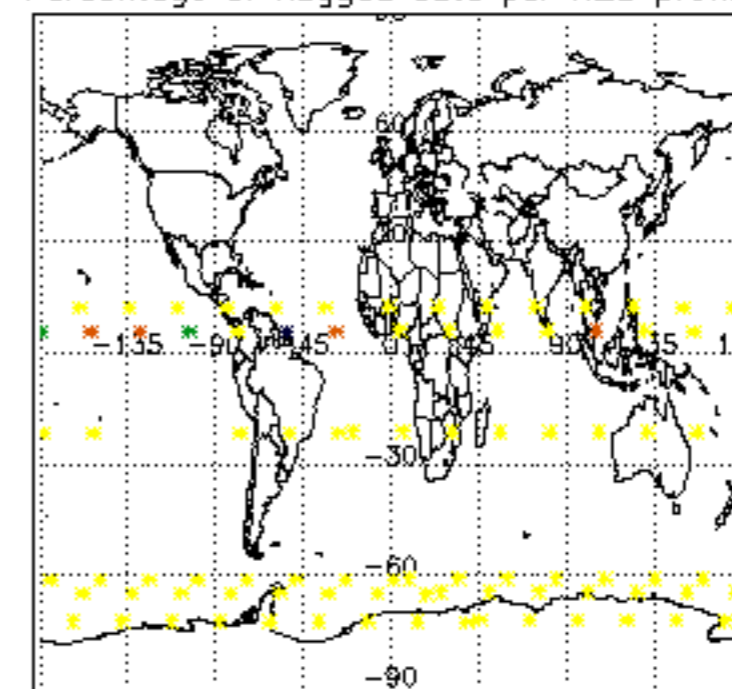




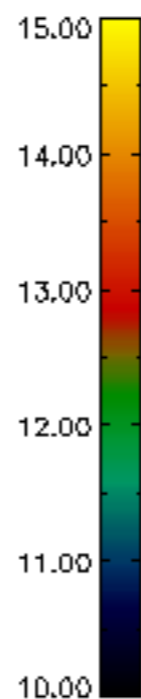
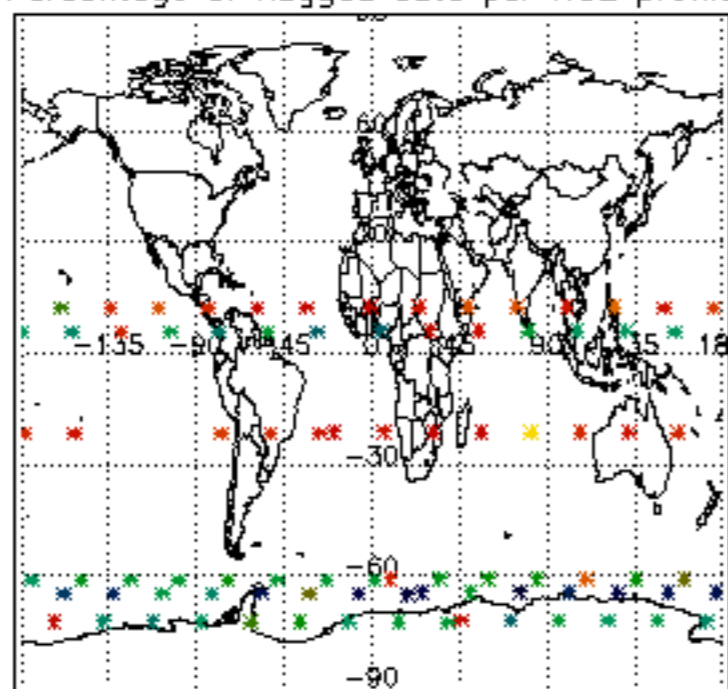
Percentage of flagged data per D3 profile



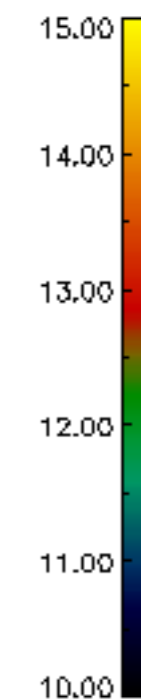
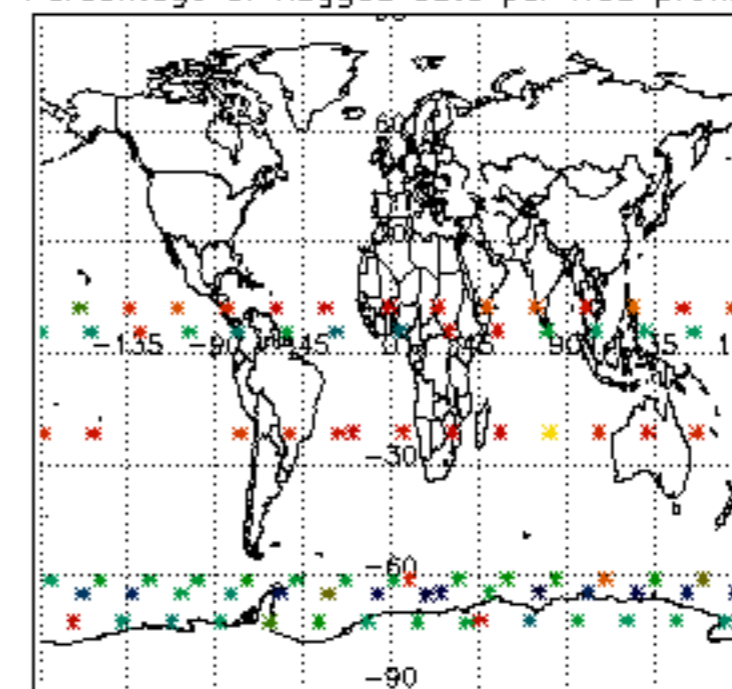
Percentage of flagged data per H2O profile

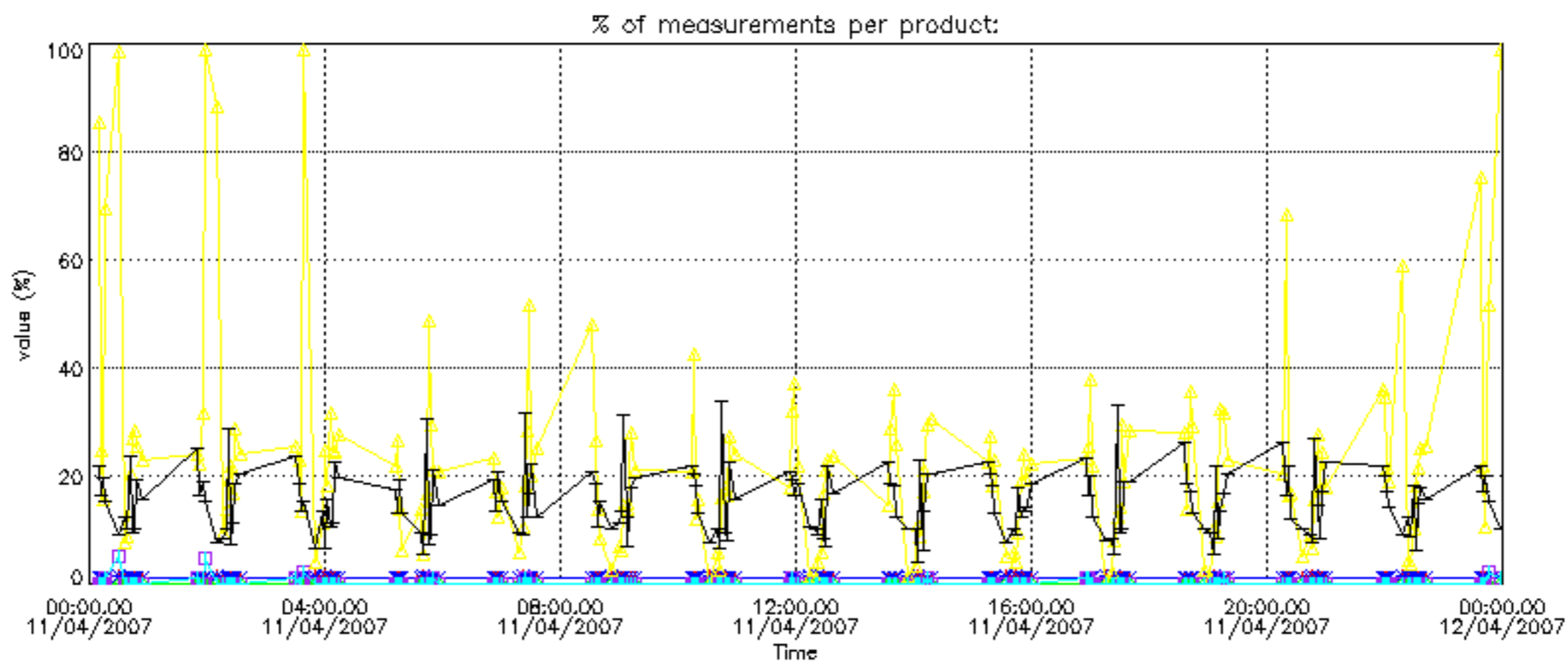


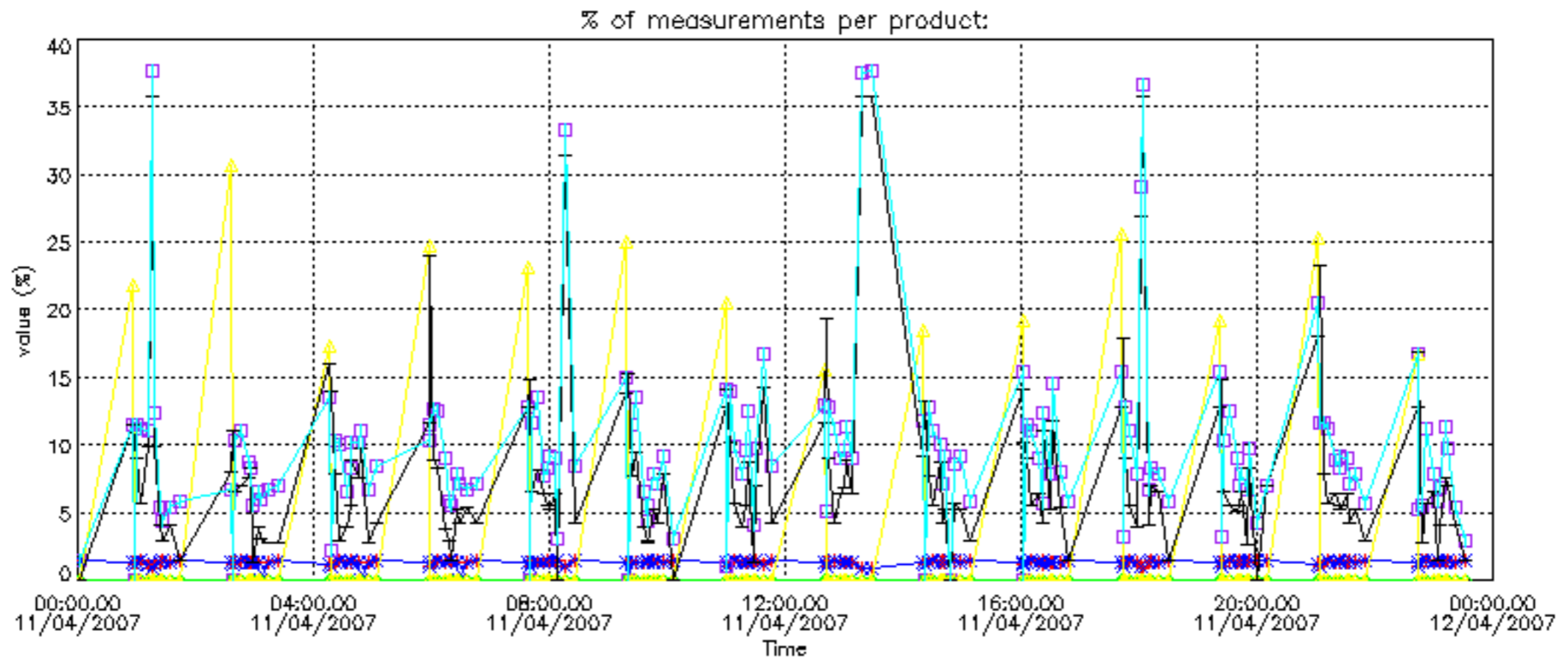
Percentage of flagged data per NO2 profile



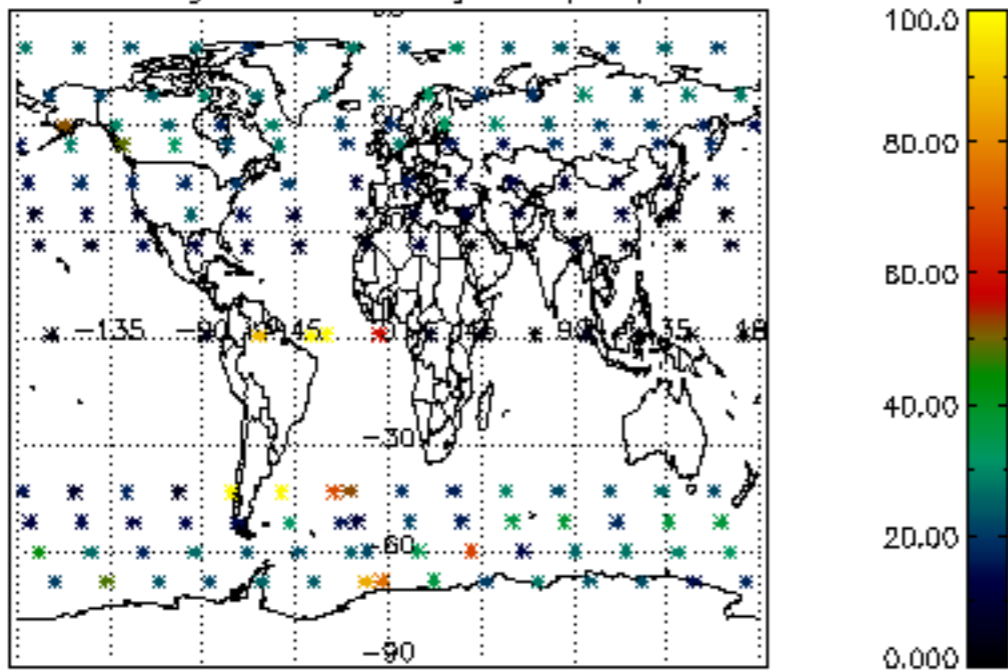
Percentage of flagged data per NO3 profile



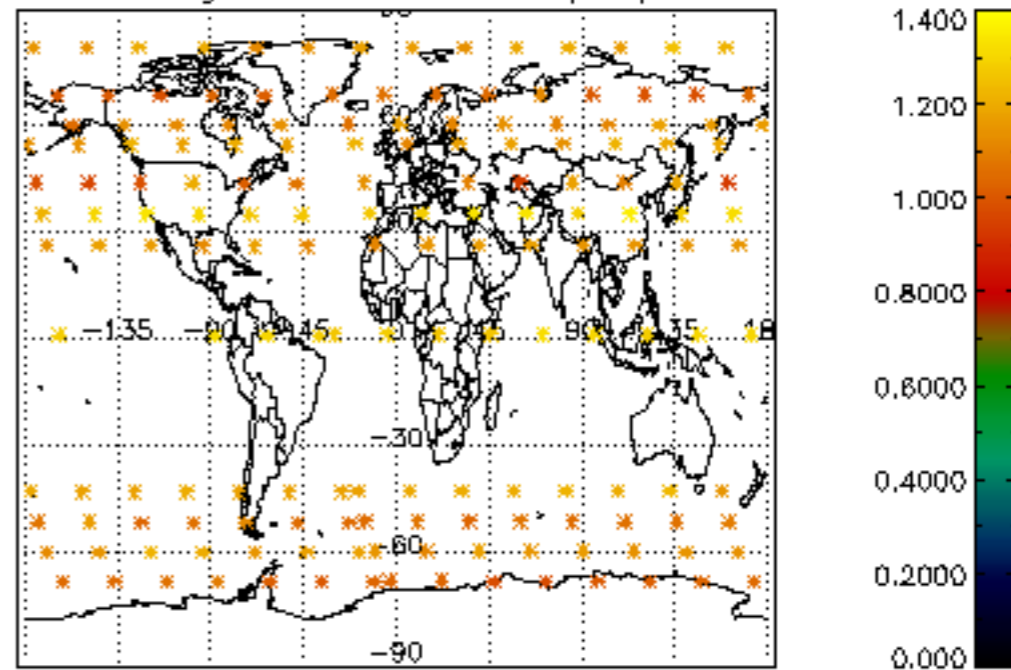




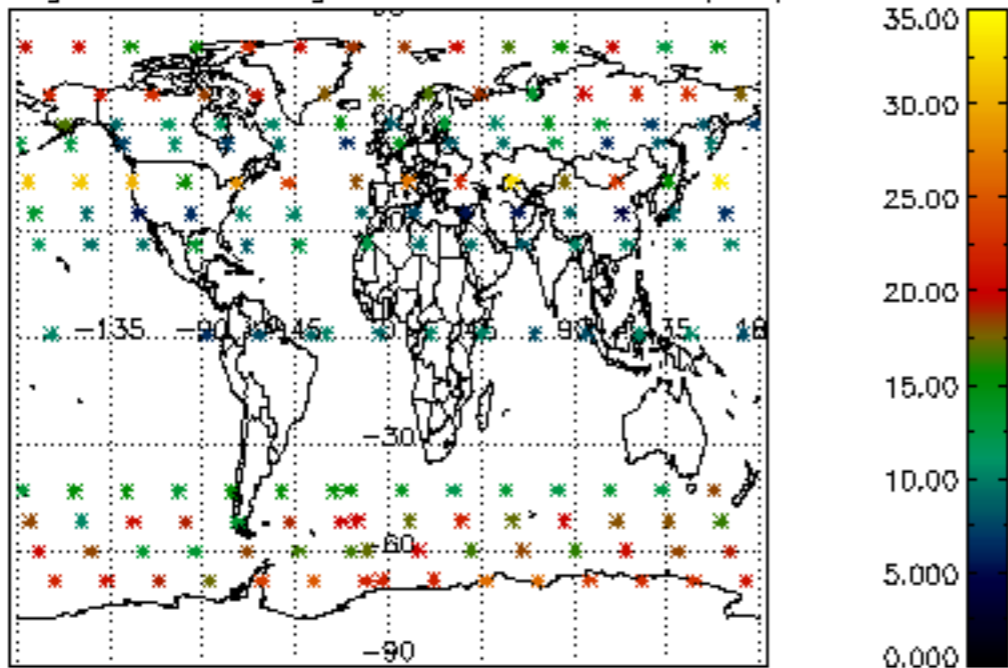
Percentage of cosmic ray hits per profile



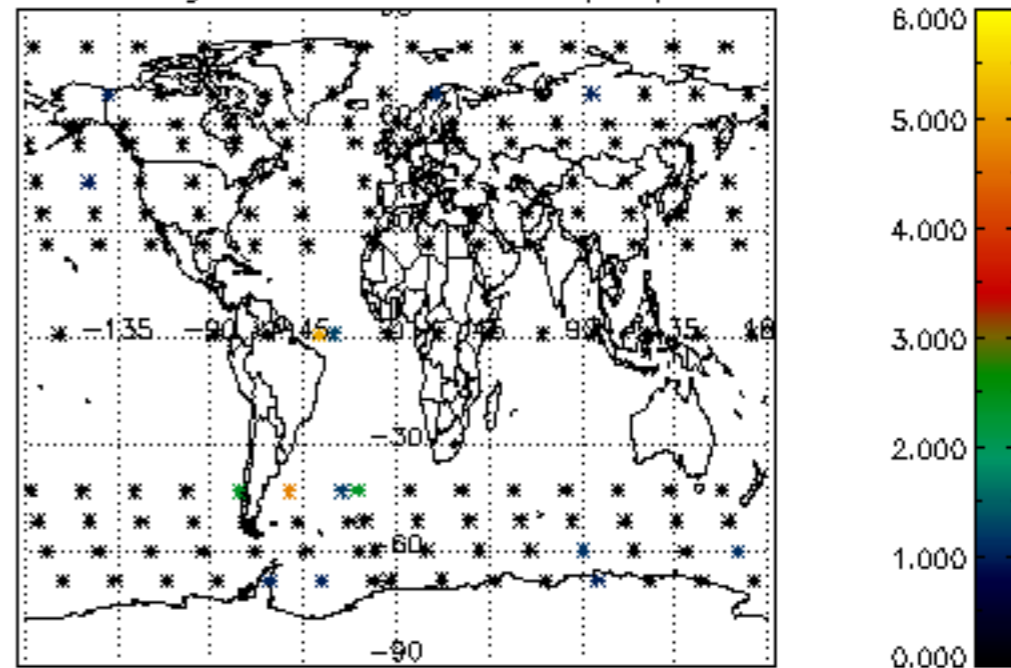
Percentage of datation errors per profile



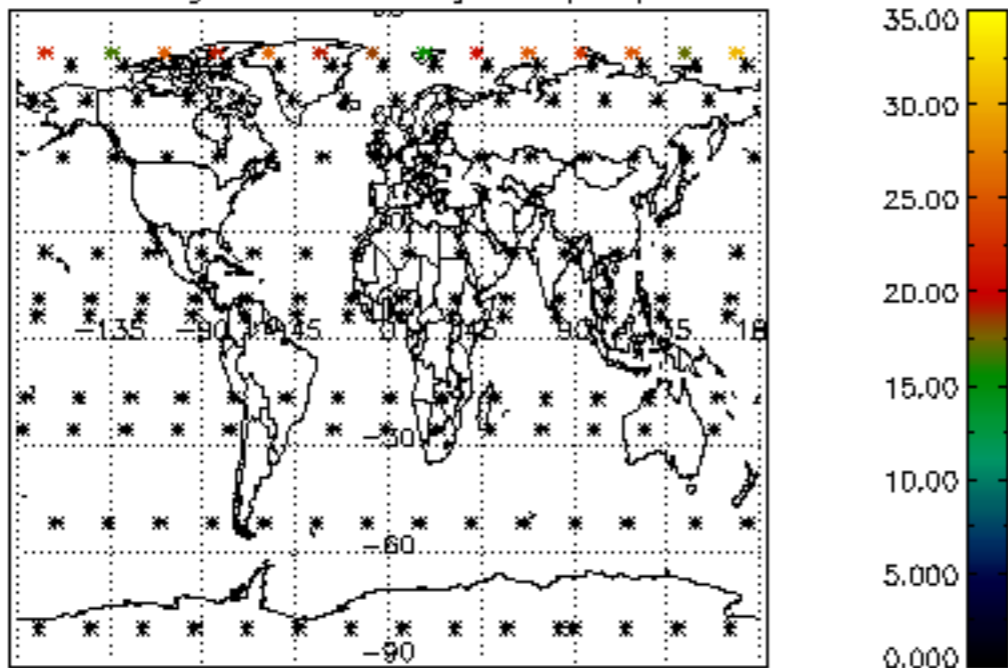
Percentage of star falling outside central band per profile



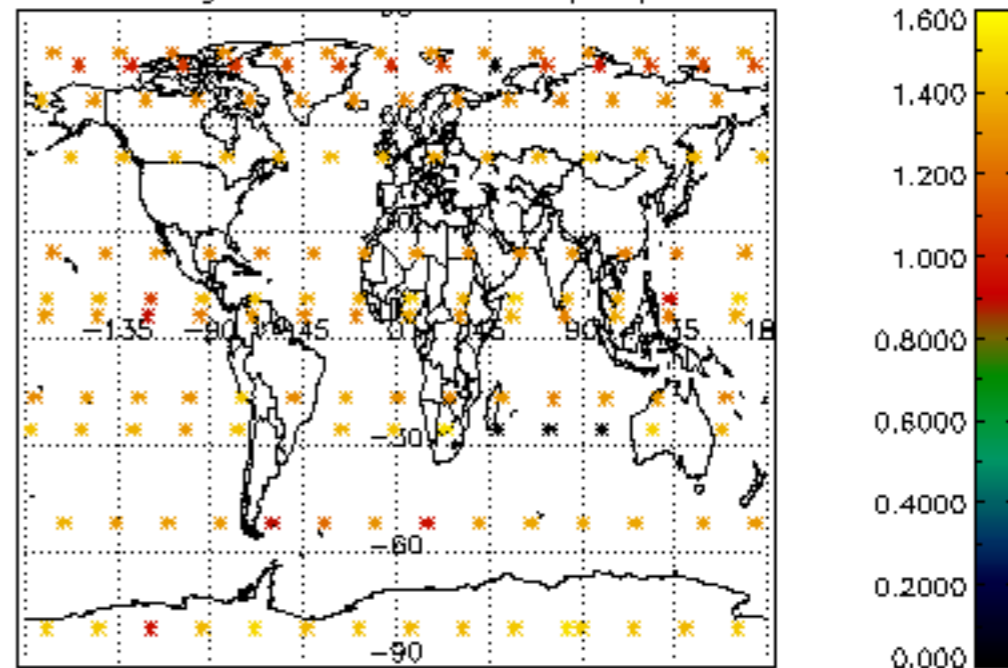
Percentage of saturation errors per profile



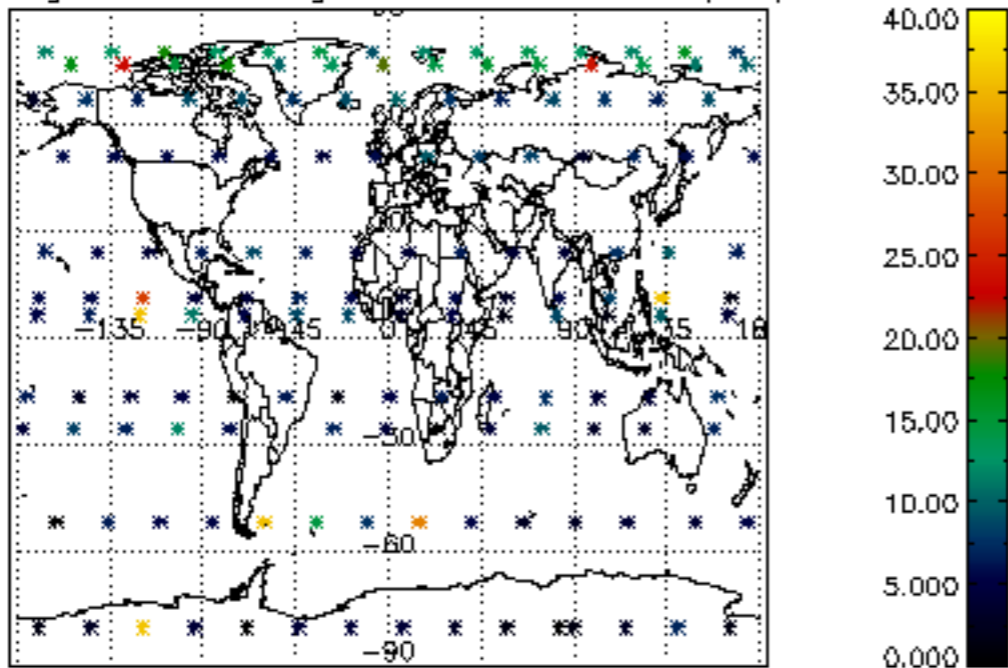
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

