

# GOMOS Level 2 Daily Report

## SUMMARY

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

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

### [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 15:32:23
Data source version	GOMOS/6.01
Start time of products	09-02-2006 (09FEB2006 00:00:00)
Stop time of products	10-02-2006 (10FEB2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	345
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__2PRFIN20060209_000657_000000402045_00030_20625_8566.N1	09-FEB-2006 00:06:57	Twilight	40.000	137	22Lam Sgr	2.8240	4400.0	80	20625	No
2	GOM_NL__2PRFIN20060209_000816_000000422045_00030_20625_8567.N1	09-FEB-2006 00:08:16	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	20625	No
3	GOM_NL__2PRFIN20060209_000925_000000422045_00030_20625_8568.N1	09-FEB-2006 00:09:25	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20625	No
4	GOM_NL__2PRFIN20060209_001116_000000412045_00030_20625_8569.N1	09-FEB-2006 00:11:16	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	20625	No
5	GOM_NL__2PRFIN20060209_001238_000000442045_00030_20625_8570.N1	09-FEB-2006 00:12:38	Dark	43.500	40	The Sco	1.8590	7100.0	87	20625	No
6	GOM_NL__2PRFIN20060209_001558_000000482045_00030_20625_8571.N1	09-FEB-2006 00:15:58	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	20625	No
7	GOM_NL__2PRFIN20060209_002148_000000442045_00031_20626_8592.N1	09-FEB-2006 00:21:48	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	20626	No
8	GOM_NL__2PRFIN20060209_002305_000000442045_00031_20626_8593.N1	09-FEB-2006 00:23:05	Dark	44.000	10	Bet Cen	0.61000	28000.	88	20626	No
9	GOM_NL__2PRFIN20060209_002620_000000452045_00031_20626_8594.N1	09-FEB-2006 00:26:20	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	20626	No
10	GOM_NL__2PRFIN20060209_002916_000000422045_00031_20626_8595.N1	09-FEB-2006 00:29:16	Dark	42.000	29	Bet Car	1.6720	10200.	84	20626	No
11	GOM_NL__2PRFIN20060209_003147_000000392045_00031_20626_8596.N1	09-FEB-2006 00:31:47	Dark	38.500	71	lot Car	2.2460	7700.0	77	20626	No
12	GOM_NL__2PRFIN20060209_003327_000000412045_00031_20626_8597.N1	09-FEB-2006 00:33:27	Dark	41.000	46	Del Vel	1.9540	10600.	82	20626	No
13	GOM_NL__2PRFIN20060209_003554_000000372045_00031_20626_8598.N1	09-FEB-2006 00:35:54	Straylight	37.000	34	Gam2Vel	1.7930	23000.	74	20626	No
14	GOM_NL__2PRFIN20060209_003758_000000412045_00031_20626_8599.N1	09-FEB-2006 00:37:58	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	20626	No
15	GOM_NL__2PRFIN20060209_004121_000000402045_00031_20626_8600.N1	09-FEB-2006 00:41:21	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	20626	No
16	GOM_NL__2PRFIN20060209_005048_000000452045_00031_20626_8601.N1	09-FEB-2006 00:50:48	Tw_and_stray	44.500	8	10Alp CMi	0.40000	6500.0	89	20626	No
17	GOM_NL__2PRFIN20060209_005432_000000332045_00031_20626_8602.N1	09-FEB-2006 00:54:32	Bright	33.000	44	24Gam Gem	1.9280	11000.	66	20626	No
18	GOM_NL__2PRFIN20060209_005649_000000452045_00031_20626_8603.N1	09-FEB-2006 00:56:49	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	20626	No
19	GOM_NL__2PRFIN20060209_005819_000000362045_00031_20626_8604.N1	09-FEB-2006 00:58:19	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20626	No
20	GOM_NL__2PRFIN20060209_010251_000000352045_00031_20626_8605.N1	09-FEB-2006 01:02:51	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	20626	No
21	GOM_NL__2PRFIN20060209_011438_000000372045_00031_20626_8606.N1	09-FEB-2006 01:14:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	20626	No
22	GOM_NL__2PRFIN20060209_012115_000000362045_00031_20626_8607.N1	09-FEB-2006 01:21:15	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20626	No
23	GOM_NL__2PRFIN20060209_012928_000000362045_00031_20626_8608.N1	09-FEB-2006 01:29:28	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	20626	No
24	GOM_NL__2PRFIN20060209_013613_000000322045_00031_20626_8609.N1	09-FEB-2006 01:36:13	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	20626	No
25	GOM_NL__2PRFIN20060209_014734_000000402045_00031_20626_8610.N1	09-FEB-2006 01:47:34	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	20626	No
26	GOM_NL__2PRFIN20060209_014852_000000382045_00031_20626_8611.N1	09-FEB-2006 01:48:52	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	20626	No
27	GOM_NL__2PRFIN20060209_015002_000000402045_00031_20626_8612.N1	09-FEB-2006 01:50:02	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	20626	No
28	GOM_NL__2PRFIN20060209_015152_000000442045_00031_20626_8613.N1	09-FEB-2006 01:51:52	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	20626	No
29	GOM_NL__2PRFIN20060209_015504_000000372045_00031_20626_8614.N1	09-FEB-2006 01:55:04	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20626	No
30	GOM_NL__2PRFIN20060209_015635_000000372045_00031_20626_8615.N1	09-FEB-2006 01:56:35	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	20626	No
31	GOM_NL__2PRFIN20060209_020225_000000432045_00032_20627_8620.N1	09-FEB-2006 02:02:25	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20627	No
32	GOM_NL__2PRFIN20060209_020341_000000412045_00032_20627_8621.N1	09-FEB-2006 02:03:41	Dark	41.000	10	Bet Cen	0.61000	28000.	82	20627	No
33	GOM_NL__2PRFIN20060209_020656_000000402045_00032_20627_8622.N1	09-FEB-2006 02:06:56	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	20627	No
34	GOM_NL__2PRFIN20060209_020952_000000392045_00032_20627_8623.N1	09-FEB-2006 02:09:52	Dark	39.000	29	Bet Car	1.6720	10200.	78	20627	No
35	GOM_NL__2PRFIN20060209_021223_000000402045_00032_20627_8624.N1	09-FEB-2006 02:12:23	Dark	39.500	71	lot Car	2.2460	7700.0	79	20627	No
36	GOM_NL__2PRFIN20060209_021404_000000372045_00032_20627_8625.N1	09-FEB-2006 02:14:04	Dark	37.000	46	Del Vel	1.9540	10600.	74	20627	No
37	GOM_NL__2PRFIN20060209_021630_000000412045_00032_20627_8626.N1	09-FEB-2006 02:16:30	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	20627	No
38	GOM_NL__2PRFIN20060209_021834_000000402045_00032_20627_8627.N1	09-FEB-2006 02:18:34	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	20627	No
39	GOM_NL__2PRFIN20060209_022157_000000402045_00032_20627_8628.N1	09-FEB-2006 02:21:57	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	20627	No
40	GOM_NL__2PRFIN20060209_023124_000000522045_00032_20627_8629.N1	09-FEB-2006 02:31:24	Tw_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	20627	No
41	GOM_NL__2PRFIN20060209_023508_000000332045_00032_20627_8630.N1	09-FEB-2006 02:35:08	Bright	33.000	44	24Gam Gem	1.9280	11000.	66	20627	No
42	GOM_NL__2PRFIN20060209_023725_000000362045_00032_20627_8631.N1	09-FEB-2006 02:37:25	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	20627	No







161	GOM_NL__2PRFIN20060209_104458_000000382045_00037_20632_8554.N1	09-FEB-2006 10:44:58	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	20632	No
162	GOM_NL__2PRFIN20060209_105424_000000472045_00037_20632_8555.N1	09-FEB-2006 10:54:24	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	20632	No
163	GOM_NL__2PRFIN20060209_110049_000000382045_00037_20632_8556.N1	09-FEB-2006 11:00:49	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20632	No
164	GOM_NL__2PRFIN20060209_110629_000000372045_00037_20632_8557.N1	09-FEB-2006 11:06:29	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	20632	No
165	GOM_NL__2PRFIN20060209_111814_000000382045_00037_20632_8558.N1	09-FEB-2006 11:18:14	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	20632	No
166	GOM_NL__2PRFIN20060209_112452_000000362045_00037_20632_8559.N1	09-FEB-2006 11:24:52	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20632	No
167	GOM_NL__2PRFIN20060209_113044_000000342045_00037_20632_8560.N1	09-FEB-2006 11:30:44	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	20632	No
168	GOM_NL__2PRFIN20060209_113304_000000372045_00037_20632_8561.N1	09-FEB-2006 11:33:04	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	20632	No
169	GOM_NL__2PRFIN20060209_113950_000000332045_00037_20632_8562.N1	09-FEB-2006 11:39:50	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	20632	No
170	GOM_NL__2PRFIN20060209_115111_000000402045_00037_20632_8563.N1	09-FEB-2006 11:51:11	Twilight	40.000	137	22Lam Sgr	2.8240	4400.0	80	20632	No
171	GOM_NL__2PRFIN20060209_115229_000000412045_00037_20632_8564.N1	09-FEB-2006 11:52:29	Twilight	40.500	116	19Del Sgr	2.7000	4100.0	81	20632	No
172	GOM_NL__2PRFIN20060209_115339_000000382045_00037_20632_8565.N1	09-FEB-2006 11:53:39	Dark	37.500	38	20Eps Sgr	1.8360	11000.	75	20632	No
173	GOM_NL__2PRFIN20060209_115531_000000392045_00037_20632_8566.N1	09-FEB-2006 11:55:31	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	20632	No
174	GOM_NL__2PRFIN20060209_115653_000000432045_00037_20632_8567.N1	09-FEB-2006 11:56:53	Dark	43.000	40	The Sco	1.8590	7100.0	86	20632	No
175	GOM_NL__2PRFIN20060209_115842_000000382045_00037_20632_8568.N1	09-FEB-2006 11:58:42	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20632	No
176	GOM_NL__2PRFIN20060209_120013_000000372045_00037_20632_8569.N1	09-FEB-2006 12:00:13	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	20632	No
177	GOM_NL__2PRFIN20060209_120604_000000442045_00038_20633_8566.N1	09-FEB-2006 12:06:04	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	20633	No
178	GOM_NL__2PRFIN20060209_120721_000000452045_00038_20633_8567.N1	09-FEB-2006 12:07:21	Dark	44.500	10	Bet Cen	0.61000	28000.	89	20633	No
179	GOM_NL__2PRFIN20060209_121035_000000422045_00038_20633_8568.N1	09-FEB-2006 12:10:35	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	20633	No
180	GOM_NL__2PRFIN20060209_121329_000000372045_00038_20633_8569.N1	09-FEB-2006 12:13:29	Dark	36.500	29	Bet Car	1.6720	10200.	73	20633	No
181	GOM_NL__2PRFIN20060209_121600_000000402045_00038_20633_8570.N1	09-FEB-2006 12:16:00	Dark	40.000	71	lot Car	2.2460	7700.0	80	20633	No
182	GOM_NL__2PRFIN20060209_121741_000000352045_00038_20633_8571.N1	09-FEB-2006 12:17:41	Dark	35.000	46	Del Vel	1.9540	10600.	70	20633	No
183	GOM_NL__2PRFIN20060209_122007_000000412045_00038_20633_8572.N1	09-FEB-2006 12:20:07	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	20633	No
184	GOM_NL__2PRFIN20060209_122211_000000382045_00038_20633_8573.N1	09-FEB-2006 12:22:11	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	20633	No
185	GOM_NL__2PRFIN20060209_122534_000000402045_00038_20633_8574.N1	09-FEB-2006 12:25:34	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	20633	No
186	GOM_NL__2PRFIN20060209_123500_000000492045_00038_20633_8575.N1	09-FEB-2006 12:35:00	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	20633	No
187	GOM_NL__2PRFIN20060209_124125_000000392045_00038_20633_8576.N1	09-FEB-2006 12:41:25	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20633	No
188	GOM_NL__2PRFIN20060209_124705_000000372045_00038_20633_8577.N1	09-FEB-2006 12:47:05	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	20633	No
189	GOM_NL__2PRFIN20060209_125849_000000352045_00038_20633_8578.N1	09-FEB-2006 12:58:49	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20633	No
190	GOM_NL__2PRFIN20060209_130528_000000332045_00038_20633_8579.N1	09-FEB-2006 13:05:28	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	20633	No
191	GOM_NL__2PRFIN20060209_131120_000000342045_00038_20633_8580.N1	09-FEB-2006 13:11:20	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20633	No
192	GOM_NL__2PRFIN20060209_131340_000000342045_00038_20633_8581.N1	09-FEB-2006 13:13:40	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	20633	No
193	GOM_NL__2PRFIN20060209_132026_000000332045_00038_20633_8582.N1	09-FEB-2006 13:20:26	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	20633	No
194	GOM_NL__2PRFIN20060209_133147_000000402045_00038_20633_8583.N1	09-FEB-2006 13:31:47	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	20633	No
195	GOM_NL__2PRFIN20060209_133306_000000402045_00038_20633_8584.N1	09-FEB-2006 13:33:06	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	20633	No
196	GOM_NL__2PRFIN20060209_133415_000000392045_00038_20633_8585.N1	09-FEB-2006 13:34:15	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	20633	No
197	GOM_NL__2PRFIN20060209_133607_000000392045_00038_20633_8586.N1	09-FEB-2006 13:36:07	Dark	39.000	25	35Lam Sco	1.6200	28000.	78	20633	No
198	GOM_NL__2PRFIN20060209_133729_000000382045_00038_20633_8587.N1	09-FEB-2006 13:37:29	Dark	37.500	40	The Sco	1.8590	7100.0	75	20633	No
199	GOM_NL__2PRFIN20060209_133919_000000372045_00038_20633_8588.N1	09-FEB-2006 13:39:19	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20633	No
200	GOM_NL__2PRFIN20060209_134049_000000392045_00038_20633_8589.N1	09-FEB-2006 13:40:49	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20633	No
201	GOM_NL__2PRFIN20060209_134640_000000432045_00039_20634_8566.N1	09-FEB-2006 13:46:40	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	20634	No
202	GOM_NL__2PRFIN20060209_134757_000000432045_00039_20634_8567.N1	09-FEB-2006 13:47:57	Dark	42.500	10	Bet Cen	0.61000	28000.	85	20634	No
203	GOM_NL__2PRFIN20060209_135111_000000432045_00039_20634_8568.N1	09-FEB-2006 13:51:11	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	20634	No
204	GOM_NL__2PRFIN20060209_135405_000000372045_00039_20634_8569.N1	09-FEB-2006 13:54:05	Dark	36.500	29	Bet Car	1.6720	10200.	73	20634	No
205	GOM_NL__2PRFIN20060209_135636_000000412045_00039_20634_8570.N1	09-FEB-2006 13:56:36	Dark	40.500	71	lot Car	2.2460	7700.0	81	20634	No
206	GOM_NL__2PRFIN20060209_135817_000000412045_00039_20634_8571.N1	09-FEB-2006 13:58:17	Dark	40.500	46	Del Vel	1.9540	10600.	81	20634	No
207	GOM_NL__2PRFIN20060209_140043_000000402045_00039_20634_8572.N1	09-FEB-2006 14:00:43	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	20634	No
208	GOM_NL__2PRFIN20060209_140247_000000402045_00039_20634_8573.N1	09-FEB-2006 14:02:47	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	20634	No
209	GOM_NL__2PRFIN20060209_140610_000000392045_00039_20634_8574.N1	09-FEB-2006 14:06:10	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	20634	No
210	GOM_NL__2PRFIN20060209_141536_000000502045_00039_20634_8575.N1	09-FEB-2006 14:15:36	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	20634	No
211	GOM_NL__2PRFIN20060209_142201_000000392045_00039_20634_8576.N1	09-FEB-2006 14:22:01	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20634	No
212	GOM_NL__2PRFIN20060209_142741_000000362045_00039_20634_8577.N1	09-FEB-2006 14:27:41	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	20634	No
213	GOM_NL__2PRFIN20060209_143926_000000352045_00039_20634_8578.N1	09-FEB-2006 14:39:26	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20634	No
214	GOM_NL__2PRFIN20060209_144604_000000342045_00039_20634_8579.N1	09-FEB-2006 14:46:04	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	20634	No
215	GOM_NL__2PRFIN20060209_145156_000000352045_00039_20634_8580.N1	09-FEB-2006 14:51:56	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	20634	No
216	GOM_NL__2PRFIN20060209_145416_000000342045_00039_20634_8581.N1	09-FEB-2006 14:54:16	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	20634	No
217	GOM_NL__2PRFIN20060209_150102_000000342045_00039_20634_8582.N1	09-FEB-2006 15:01:02	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20634	No
218	GOM_NL__2PRFIN20060209_151223_000000412045_00039_20634_8583.N1	09-FEB-2006 15:12:23	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	20634	No
219	GOM_NL__2PRFIN20060209_151342_000000452045_00039_20634_8584.N1	09-FEB-2006 15:13:42	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	20634	No

220	GOM_NL__2PRFIN20060209_151451_000000422045_00039_20634_8585.N1	09-FEB-2006 15:14:51	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20634	No
221	GOM_NL__2PRFIN20060209_151644_000000392045_00039_20634_8586.N1	09-FEB-2006 15:16:44	Dark	39.000	25	35Lam Sco	1.6200	28000.	78	20634	No
222	GOM_NL__2PRFIN20060209_151806_000000452045_00039_20634_8587.N1	09-FEB-2006 15:18:06	Dark	45.000	40	The Sco	1.8590	7100.0	90	20634	No
223	GOM_NL__2PRFIN20060209_151955_000000372045_00039_20634_8588.N1	09-FEB-2006 15:19:55	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20634	No
224	GOM_NL__2PRFIN20060209_152125_000000432045_00039_20634_8589.N1	09-FEB-2006 15:21:25	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	20634	No
225	GOM_NL__2PRFIN20060209_152717_000000422045_00040_20635_8566.N1	09-FEB-2006 15:27:17	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20635	No
226	GOM_NL__2PRFIN20060209_152834_000000422045_00040_20635_8567.N1	09-FEB-2006 15:28:34	Dark	42.000	10	Bet Cen	0.61000	28000.	84	20635	No
227	GOM_NL__2PRFIN20060209_153148_000000492045_00040_20635_8568.N1	09-FEB-2006 15:31:48	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	20635	No
228	GOM_NL__2PRFIN20060209_153441_000000412045_00040_20635_8569.N1	09-FEB-2006 15:34:41	Dark	41.000	29	Bet Car	1.6720	10200.	82	20635	No
229	GOM_NL__2PRFIN20060209_153713_000000362045_00040_20635_8570.N1	09-FEB-2006 15:37:13	Dark	36.000	71	lot Car	2.2460	7700.0	72	20635	No
230	GOM_NL__2PRFIN20060209_153853_000000402045_00040_20635_8571.N1	09-FEB-2006 15:38:53	Dark	39.500	46	Del Vel	1.9540	10600.	79	20635	No
231	GOM_NL__2PRFIN20060209_154119_000000382045_00040_20635_8572.N1	09-FEB-2006 15:41:19	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	20635	No
232	GOM_NL__2PRFIN20060209_154324_000000382045_00040_20635_8573.N1	09-FEB-2006 15:43:24	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	20635	No
233	GOM_NL__2PRFIN20060209_154646_000000392045_00040_20635_8574.N1	09-FEB-2006 15:46:46	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	20635	No
234	GOM_NL__2PRFIN20060209_155612_000000512045_00040_20635_8575.N1	09-FEB-2006 15:56:12	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	20635	No
235	GOM_NL__2PRFIN20060209_160237_000000392045_00040_20635_8576.N1	09-FEB-2006 16:02:37	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20635	No
236	GOM_NL__2PRFIN20060209_160817_000000362045_00040_20635_8577.N1	09-FEB-2006 16:08:17	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	20635	No
237	GOM_NL__2PRFIN20060209_162001_000000362045_00040_20635_8578.N1	09-FEB-2006 16:20:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20635	No
238	GOM_NL__2PRFIN20060209_162641_000000372045_00040_20635_8579.N1	09-FEB-2006 16:26:41	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20635	No
239	GOM_NL__2PRFIN20060209_163232_000000342045_00040_20635_8580.N1	09-FEB-2006 16:32:32	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20635	No
240	GOM_NL__2PRFIN20060209_163452_000000372045_00040_20635_8581.N1	09-FEB-2006 16:34:52	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	20635	No
241	GOM_NL__2PRFIN20060209_164139_000000342045_00040_20635_8582.N1	09-FEB-2006 16:41:39	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20635	No
242	GOM_NL__2PRFIN20060209_165300_000000412045_00040_20635_8583.N1	09-FEB-2006 16:53:00	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	20635	No
243	GOM_NL__2PRFIN20060209_165418_000000412045_00040_20635_8584.N1	09-FEB-2006 16:54:18	Twilight	41.000	116	19Del Sgr	2.7000	4100.0	82	20635	No
244	GOM_NL__2PRFIN20060209_165528_000000392045_00040_20635_8585.N1	09-FEB-2006 16:55:28	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	20635	No
245	GOM_NL__2PRFIN20060209_165720_000000422045_00040_20635_8586.N1	09-FEB-2006 16:57:20	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	20635	No
246	GOM_NL__2PRFIN20060209_165842_000000392045_00040_20635_8587.N1	09-FEB-2006 16:58:42	Dark	39.000	40	The Sco	1.8590	7100.0	78	20635	No
247	GOM_NL__2PRFIN20060209_170031_000000392045_00040_20635_8588.N1	09-FEB-2006 17:00:31	Dark	38.500	147	Alp Ara	2.8770	26000.	77	20635	No
248	GOM_NL__2PRFIN20060209_170201_000000412045_00040_20635_8589.N1	09-FEB-2006 17:02:01	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20635	No
249	GOM_NL__2PRFIN20060209_170753_000000462045_00041_20636_8566.N1	09-FEB-2006 17:07:53	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	20636	No
250	GOM_NL__2PRFIN20060209_170910_000000442045_00041_20636_8567.N1	09-FEB-2006 17:09:10	Dark	44.000	10	Bet Cen	0.61000	28000.	88	20636	No
251	GOM_NL__2PRFIN20060209_171224_000000392045_00041_20636_8568.N1	09-FEB-2006 17:12:24	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	20636	No
252	GOM_NL__2PRFIN20060209_171517_000000422045_00041_20636_8569.N1	09-FEB-2006 17:15:17	Dark	41.500	29	Bet Car	1.6720	10200.	83	20636	No
253	GOM_NL__2PRFIN20060209_171749_000000412045_00041_20636_8570.N1	09-FEB-2006 17:17:49	Dark	40.500	71	lot Car	2.2460	7700.0	81	20636	No
254	GOM_NL__2PRFIN20060209_171929_000000382045_00041_20636_8571.N1	09-FEB-2006 17:19:29	Dark	37.500	46	Del Vel	1.9540	10600.	75	20636	No
255	GOM_NL__2PRFIN20060209_172155_000000382045_00041_20636_8572.N1	09-FEB-2006 17:21:55	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	20636	No
256	GOM_NL__2PRFIN20060209_172400_000000412045_00041_20636_8573.N1	09-FEB-2006 17:24:00	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	20636	No
257	GOM_NL__2PRFIN20060209_172722_000000402045_00041_20636_8574.N1	09-FEB-2006 17:27:22	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	20636	No
258	GOM_NL__2PRFIN20060209_173648_000000482045_00041_20636_8575.N1	09-FEB-2006 17:36:48	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	20636	No
259	GOM_NL__2PRFIN20060209_174313_000000392045_00041_20636_8576.N1	09-FEB-2006 17:43:13	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20636	No
260	GOM_NL__2PRFIN20060209_174854_000000262045_00041_20636_8577.N1	09-FEB-2006 17:48:54	Bright	26.000	42	34Bet Aur	1.9000	10200.	52	20636	No
261	GOM_NL__2PRFIN20060209_180037_000000362045_00041_20636_8578.N1	09-FEB-2006 18:00:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20636	No
262	GOM_NL__2PRFIN20060209_180717_000000372045_00041_20636_8579.N1	09-FEB-2006 18:07:17	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20636	No
263	GOM_NL__2PRFIN20060209_181309_000000342045_00041_20636_8580.N1	09-FEB-2006 18:13:09	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20636	No
264	GOM_NL__2PRFIN20060209_181528_000000362045_00041_20636_8581.N1	09-FEB-2006 18:15:28	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	20636	No
265	GOM_NL__2PRFIN20060209_182215_000000522045_00041_20636_8582.N1	09-FEB-2006 18:22:15	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	20636	No
266	GOM_NL__2PRFIN20060209_183336_000000442045_00041_20636_8583.N1	09-FEB-2006 18:33:36	Twilight	43.500	137	22Lam Sgr	2.8240	4400.0	87	20636	No
267	GOM_NL__2PRFIN20060209_183455_000000432045_00041_20636_8584.N1	09-FEB-2006 18:34:55	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	20636	No
268	GOM_NL__2PRFIN20060209_183604_000000392045_00041_20636_8585.N1	09-FEB-2006 18:36:04	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	20636	No
269	GOM_NL__2PRFIN20060209_183757_000000412045_00041_20636_8586.N1	09-FEB-2006 18:37:57	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	20636	No
270	GOM_NL__2PRFIN20060209_183918_000000402045_00041_20636_8587.N1	09-FEB-2006 18:39:18	Dark	40.000	40	The Sco	1.8590	7100.0	80	20636	No
271	GOM_NL__2PRFIN20060209_184108_000000382045_00041_20636_8588.N1	09-FEB-2006 18:41:08	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20636	No
272	GOM_NL__2PRFIN20060209_184238_000000472045_00041_20636_8589.N1	09-FEB-2006 18:42:38	Dark	46.500	141	Bet Ara	2.8400	4600.0	93	20636	No
273	GOM_NL__2PRFIN20060209_184830_000000432045_00042_20637_8566.N1	09-FEB-2006 18:48:30	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20637	No
274	GOM_NL__2PRFIN20060209_184947_000000412045_00042_20637_8567.N1	09-FEB-2006 18:49:47	Dark	40.500	10	Bet Cen	0.61000	28000.	81	20637	No
275	GOM_NL__2PRFIN20060209_185301_000000402045_00042_20637_8568.N1	09-FEB-2006 18:53:01	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20637	No
276	GOM_NL__2PRFIN20060209_185553_000000432045_00042_20637_8569.N1	09-FEB-2006 18:55:53	Dark	42.500	29	Bet Car	1.6720	10200.	85	20637	No
277	GOM_NL__2PRFIN20060209_185825_000000392045_00042_20637_8570.N1	09-FEB-2006 18:58:25	Dark	38.500	71	lot Car	2.2460	7700.0	77	20637	No
278	GOM_NL__2PRFIN20060209_190006_000000412045_00042_20637_8571.N1	09-FEB-2006 19:00:06	Dark	41.000	46	Del Vel	1.9540	10600.	82	20637	No

279	GOM_NL__2PRFIN20060209_190232_000000402045_00042_20637_8572.N1	09-FEB-2006 19:02:32	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	20637	No
280	GOM_NL__2PRFIN20060209_190436_000000402045_00042_20637_8573.N1	09-FEB-2006 19:04:36	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	20637	No
281	GOM_NL__2PRFIN20060209_190758_000000392045_00042_20637_8574.N1	09-FEB-2006 19:07:58	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	20637	No
282	GOM_NL__2PRFIN20060209_191725_000000442045_00042_20637_8575.N1	09-FEB-2006 19:17:25	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	20637	No
283	GOM_NL__2PRFIN20060209_192349_000000382045_00042_20637_8576.N1	09-FEB-2006 19:23:49	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20637	No
284	GOM_NL__2PRFIN20060209_192930_000000262045_00042_20637_8577.N1	09-FEB-2006 19:29:30	Bright	26.000	42	34Bet Aur	1.9000	10200.	52	20637	No
285	GOM_NL__2PRFIN20060209_194113_000000372045_00042_20637_8578.N1	09-FEB-2006 19:41:13	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	20637	No
286	GOM_NL__2PRFIN20060209_194753_000000372045_00042_20637_8579.N1	09-FEB-2006 19:47:53	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	20637	No
287	GOM_NL__2PRFIN20060209_195345_000000352045_00042_20637_8580.N1	09-FEB-2006 19:53:45	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	20637	No
288	GOM_NL__2PRFIN20060209_195604_000000352045_00042_20637_8581.N1	09-FEB-2006 19:56:04	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	20637	No
289	GOM_NL__2PRFIN20060209_200251_000000332045_00042_20637_8582.N1	09-FEB-2006 20:02:51	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	20637	No
290	GOM_NL__2PRFIN20060209_201412_000000432045_00042_20637_8583.N1	09-FEB-2006 20:14:12	Twilight	43.000	137	22Lam Sgr	2.8240	4400.0	86	20637	No
291	GOM_NL__2PRFIN20060209_201531_000000452045_00042_20637_8584.N1	09-FEB-2006 20:15:31	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	20637	No
292	GOM_NL__2PRFIN20060209_201640_000000422045_00042_20637_8585.N1	09-FEB-2006 20:16:40	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20637	No
293	GOM_NL__2PRFIN20060209_201833_000000392045_00042_20637_8586.N1	09-FEB-2006 20:18:33	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	20637	No
294	GOM_NL__2PRFIN20060209_201955_000000382045_00042_20637_8587.N1	09-FEB-2006 20:19:55	Dark	38.000	40	The Sco	1.8590	7100.0	76	20637	No
295	GOM_NL__2PRFIN20060209_202144_000000372045_00042_20637_8588.N1	09-FEB-2006 20:21:44	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20637	No
296	GOM_NL__2PRFIN20060209_202314_000000392045_00042_20637_8589.N1	09-FEB-2006 20:23:14	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20637	No
297	GOM_NL__2PRFIN20060209_202907_000000462045_00043_20638_8566.N1	09-FEB-2006 20:29:07	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	20638	No
298	GOM_NL__2PRFIN20060209_203023_000000412045_00043_20638_8567.N1	09-FEB-2006 20:30:23	Dark	41.000	10	Bet Cen	0.61000	28000.	82	20638	No
299	GOM_NL__2PRFIN20060209_203337_000000412045_00043_20638_8568.N1	09-FEB-2006 20:33:37	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	20638	No
300	GOM_NL__2PRFIN20060209_203629_000000392045_00043_20638_8569.N1	09-FEB-2006 20:36:29	Dark	39.000	29	Bet Car	1.6720	10200.	78	20638	No
301	GOM_NL__2PRFIN20060209_203901_000000402045_00043_20638_8570.N1	09-FEB-2006 20:39:01	Dark	40.000	71	lot Car	2.2460	7700.0	80	20638	No
302	GOM_NL__2PRFIN20060209_204042_000000422045_00043_20638_8571.N1	09-FEB-2006 20:40:42	Dark	42.000	46	Del Vel	1.9540	10600.	84	20638	No
303	GOM_NL__2PRFIN20060209_204308_000000372045_00043_20638_8572.N1	09-FEB-2006 20:43:08	Straylight	37.000	34	Gam2Vel	1.7930	23000.	74	20638	No
304	GOM_NL__2PRFIN20060209_204512_000000412045_00043_20638_8573.N1	09-FEB-2006 20:45:12	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	20638	No
305	GOM_NL__2PRFIN20060209_204834_000000392045_00043_20638_8574.N1	09-FEB-2006 20:48:34	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	20638	No
306	GOM_NL__2PRFIN20060209_205801_000000422045_00043_20638_8575.N1	09-FEB-2006 20:58:01	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	20638	No
307	GOM_NL__2PRFIN20060209_210425_000000392045_00043_20638_8576.N1	09-FEB-2006 21:04:25	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20638	No
308	GOM_NL__2PRFIN20060209_212149_000000352045_00043_20638_8577.N1	09-FEB-2006 21:21:49	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20638	No
309	GOM_NL__2PRFIN20060209_212829_000000362045_00043_20638_8578.N1	09-FEB-2006 21:28:29	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20638	No
310	GOM_NL__2PRFIN20060209_213421_000000352045_00043_20638_8579.N1	09-FEB-2006 21:34:21	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	20638	No
311	GOM_NL__2PRFIN20060209_213640_000000382045_00043_20638_8580.N1	09-FEB-2006 21:36:40	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	20638	No
312	GOM_NL__2PRFIN20060209_214327_000000332045_00043_20638_8581.N1	09-FEB-2006 21:43:27	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	20638	No
313	GOM_NL__2PRFIN20060209_215448_000000442045_00043_20638_8582.N1	09-FEB-2006 21:54:48	Twilight	44.000	137	22Lam Sgr	2.8240	4400.0	88	20638	No
314	GOM_NL__2PRFIN20060209_215607_000000422045_00043_20638_8583.N1	09-FEB-2006 21:56:07	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	20638	No
315	GOM_NL__2PRFIN20060209_215716_000000412045_00043_20638_8584.N1	09-FEB-2006 21:57:16	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20638	No
316	GOM_NL__2PRFIN20060209_215909_000000412045_00043_20638_8585.N1	09-FEB-2006 21:59:09	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	20638	No
317	GOM_NL__2PRFIN20060209_220031_000000422045_00043_20638_8586.N1	09-FEB-2006 22:00:31	Dark	41.500	40	The Sco	1.8590	7100.0	83	20638	No
318	GOM_NL__2PRFIN20060209_220220_000000372045_00043_20638_8587.N1	09-FEB-2006 22:02:20	Dark	36.500	147	Alp Ara	2.8770	26000.	73	20638	No
319	GOM_NL__2PRFIN20060209_220350_000000422045_00043_20638_8588.N1	09-FEB-2006 22:03:50	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	20638	No
320	GOM_NL__2PRFIN20060209_220943_000000422045_00044_20639_8566.N1	09-FEB-2006 22:09:43	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20639	No
321	GOM_NL__2PRFIN20060209_221100_000000432045_00044_20639_8567.N1	09-FEB-2006 22:11:00	Dark	42.500	10	Bet Cen	0.61000	28000.	85	20639	No
322	GOM_NL__2PRFIN20060209_221413_000000422045_00044_20639_8568.N1	09-FEB-2006 22:14:13	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	20639	No
323	GOM_NL__2PRFIN20060209_221705_000000422045_00044_20639_8569.N1	09-FEB-2006 22:17:05	Dark	42.000	29	Bet Car	1.6720	10200.	84	20639	No
324	GOM_NL__2PRFIN20060209_221937_000000372045_00044_20639_8570.N1	09-FEB-2006 22:19:37	Dark	37.000	71	lot Car	2.2460	7700.0	74	20639	No
325	GOM_NL__2PRFIN20060209_222118_000000372045_00044_20639_8571.N1	09-FEB-2006 22:21:18	Dark	36.500	46	Del Vel	1.9540	10600.	73	20639	No
326	GOM_NL__2PRFIN20060209_222344_000000402045_00044_20639_8572.N1	09-FEB-2006 22:23:44	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	20639	No
327	GOM_NL__2PRFIN20060209_222548_000000392045_00044_20639_8573.N1	09-FEB-2006 22:25:48	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	20639	No
328	GOM_NL__2PRFIN20060209_222910_000000412045_00044_20639_8574.N1	09-FEB-2006 22:29:10	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	20639	No
329	GOM_NL__2PRFIN20060209_223837_000000472045_00044_20639_8575.N1	09-FEB-2006 22:38:37	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	20639	No
330	GOM_NL__2PRFIN20060209_224501_000000392045_00044_20639_8576.N1	09-FEB-2006 22:45:01	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20639	No
331	GOM_NL__2PRFIN20060209_230225_000000352045_00044_20639_8577.N1	09-FEB-2006 23:02:25	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20639	No
332	GOM_NL__2PRFIN20060209_230905_000000372045_00044_20639_8578.N1	09-FEB-2006 23:09:05	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20639	No
333	GOM_NL__2PRFIN20060209_231457_000000342045_00044_20639_8579.N1	09-FEB-2006 23:14:57	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20639	No
334	GOM_NL__2PRFIN20060209_231716_000000372045_00044_20639_8580.N1	09-FEB-2006 23:17:16	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	20639	No
335	GOM_NL__2PRFIN20060209_232403_000000342045_00044_20639_8581.N1	09-FEB-2006 23:24:03	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20639	No
336	GOM_NL__2PRFIN20060209_233524_000000402045_00044_20639_8582.N1	09-FEB-2006 23:35:24	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	20639	No
337	GOM_NL__2PRFIN20060209_233643_000000422045_00044_20639_8583.N1	09-FEB-2006 23:36:43	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	20639	No

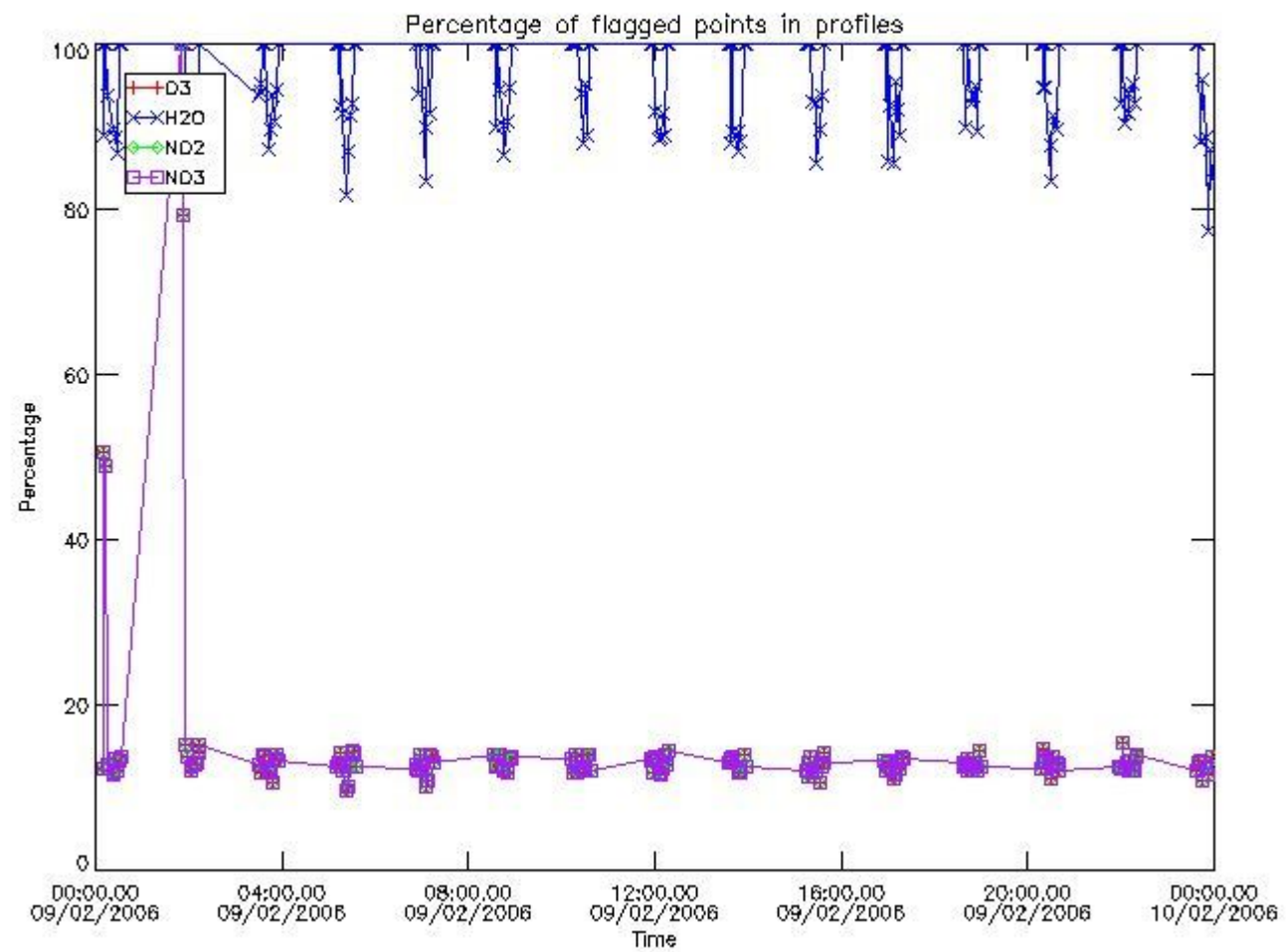


338	GOM_NL__2PRFIN20060209_233753_000000422045_00044_20639_8584.N1	09-FEB-2006 23:37:53	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20639	No
339	GOM_NL__2PRFIN20060209_233946_000000402045_00044_20639_8585.N1	09-FEB-2006 23:39:46	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	20639	No
340	GOM_NL__2PRFIN20060209_234107_000000432045_00044_20639_8586.N1	09-FEB-2006 23:41:07	Dark	42.500	40	The Sco	1.8590	7100.0	85	20639	No
341	GOM_NL__2PRFIN20060209_234426_000000472045_00044_20639_8587.N1	09-FEB-2006 23:44:26	Dark	47.000	141	Bet Ara	2.8400	4600.0	94	20639	No
342	GOM_NL__2PRFIN20060209_235019_000000452045_00045_20640_8566.N1	09-FEB-2006 23:50:19	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	20640	No
343	GOM_NL__2PRFIN20060209_235136_000000452045_00045_20640_8567.N1	09-FEB-2006 23:51:36	Dark	44.500	10	Bet Cen	0.61000	28000.	89	20640	No
344	GOM_NL__2PRFIN20060209_235450_000000402045_00045_20640_8568.N1	09-FEB-2006 23:54:50	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20640	No
345	GOM_NL__2PRFIN20060209_235742_000000372045_00045_20640_8569.N1	09-FEB-2006 23:57:42	Dark	37.000	29	Bet Car	1.6720	10200.	74	20640	No

### 3. Quality information per product

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

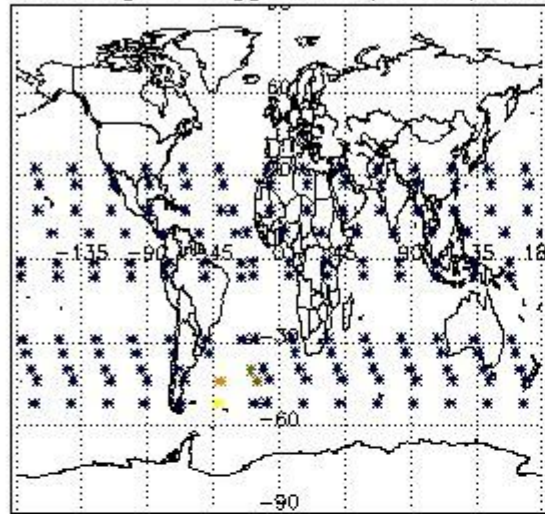
#### 3.1 Plot quality information per product (time dependant)



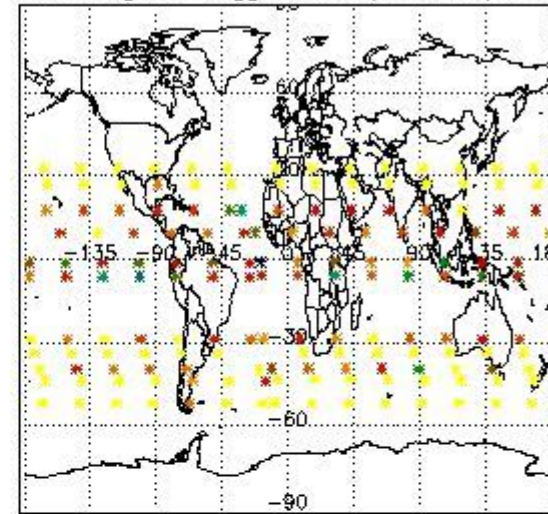
#### 3.2 Plot quality information per product (world map)



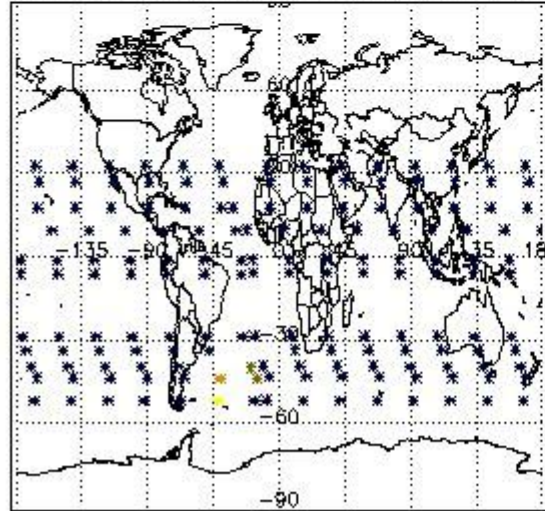
Percentage of flagged data per O3 profile



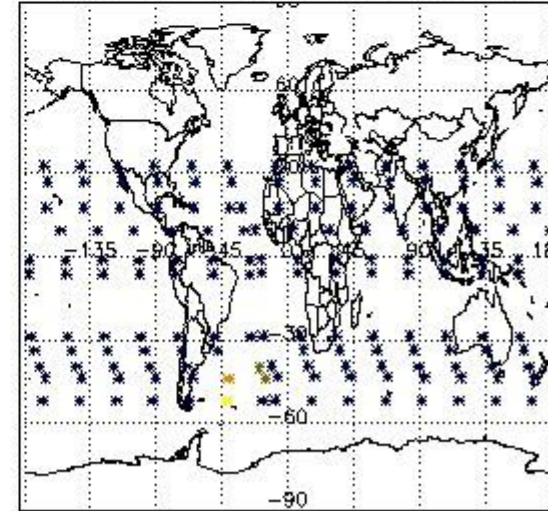
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

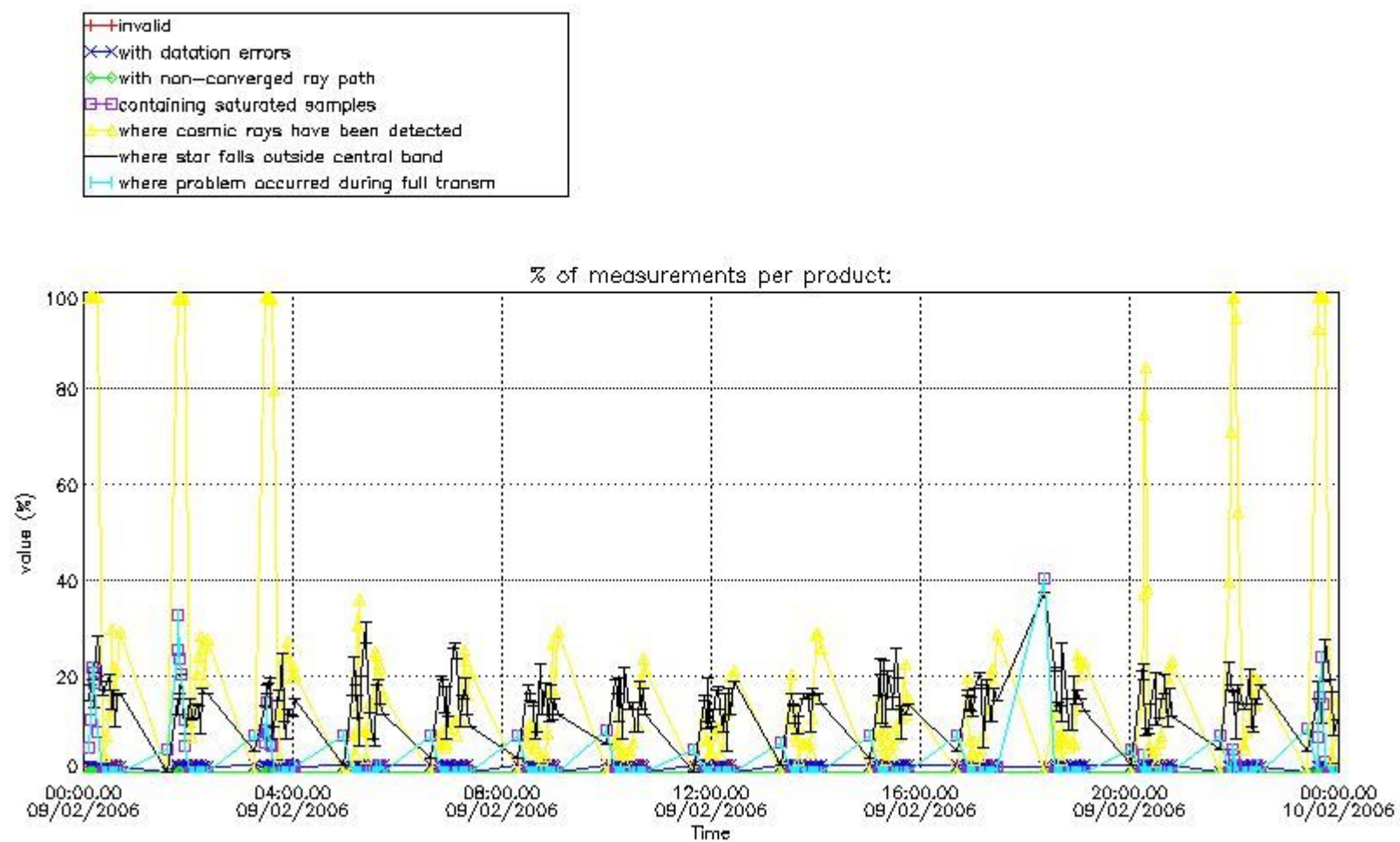


#### 4. Level 1 quality information per product

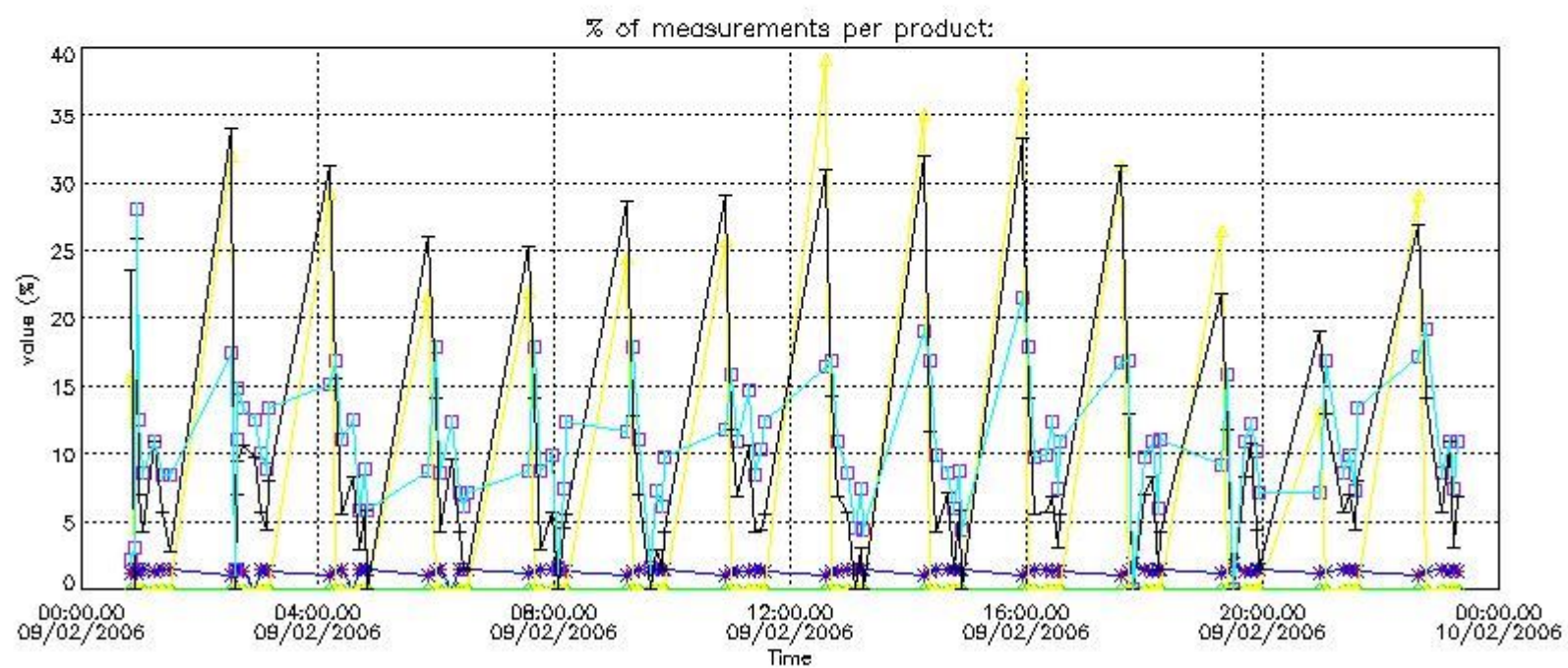
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

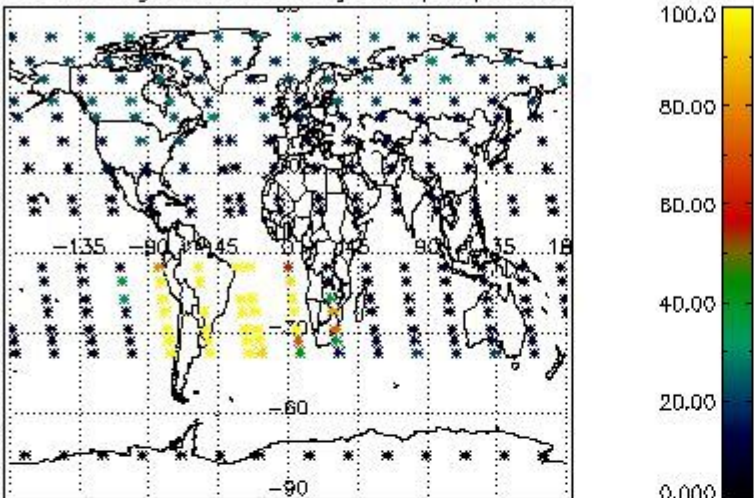


4.2 Plot quality information per product coming from level 1b processing (world map)

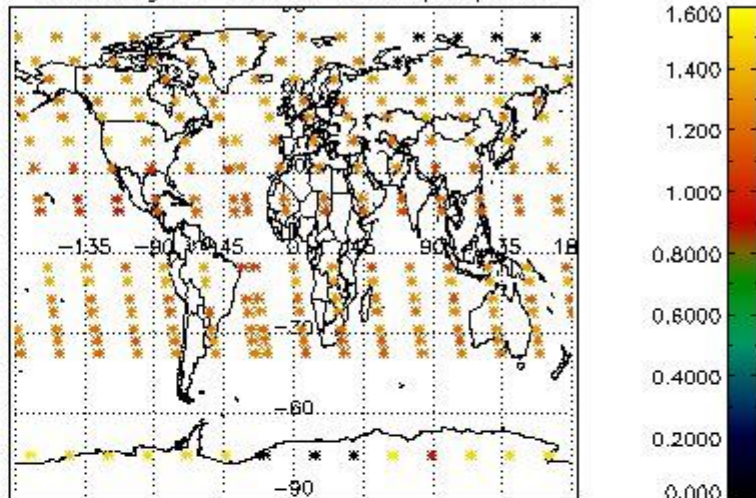
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



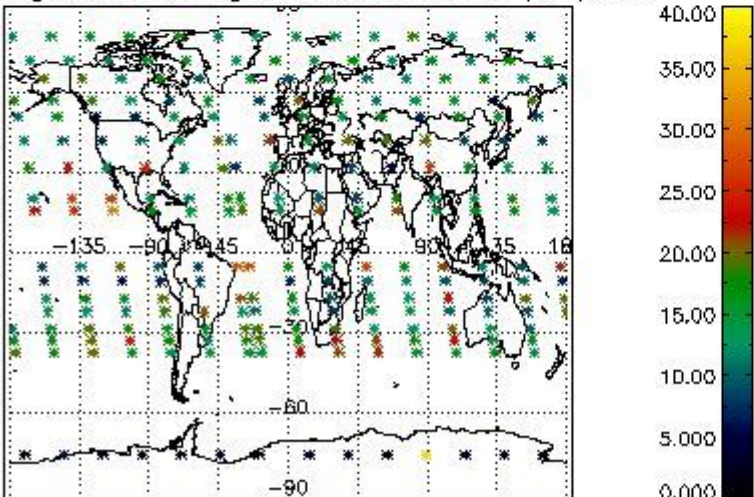
Percentage of cosmic ray hits per profile



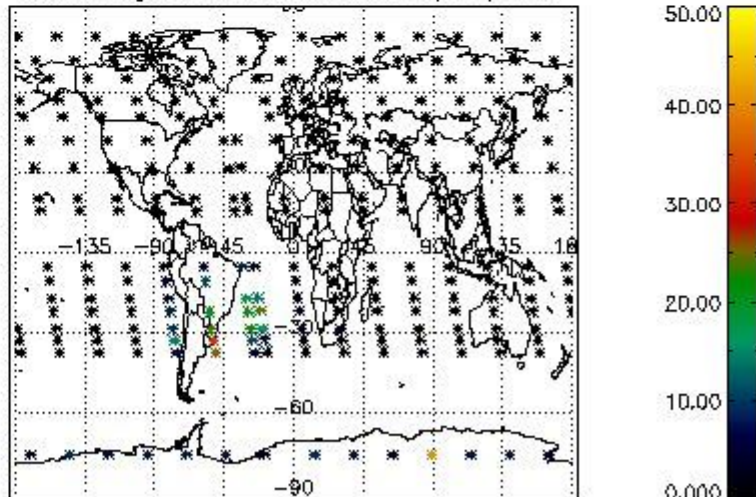
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



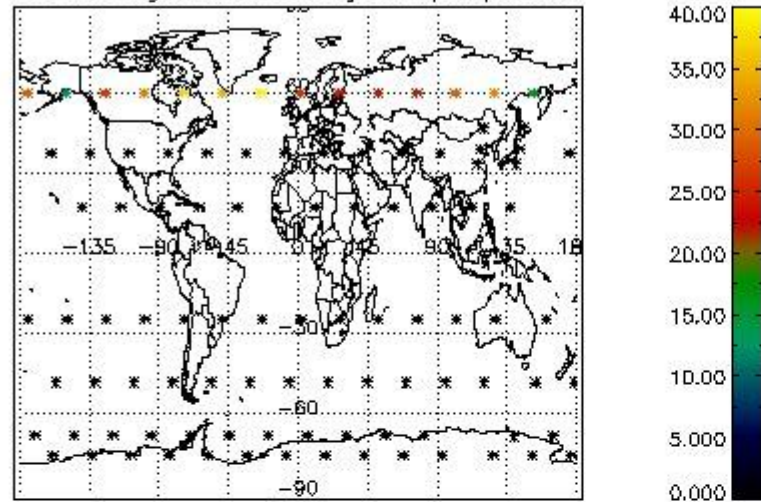
Percentage of saturation errors per profile



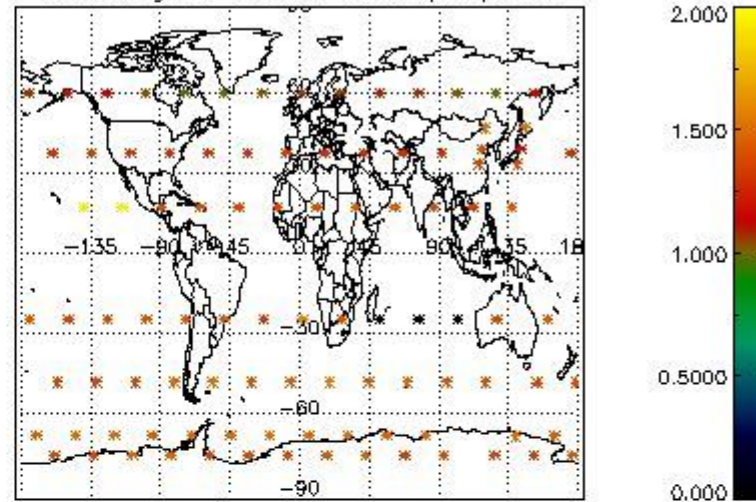
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



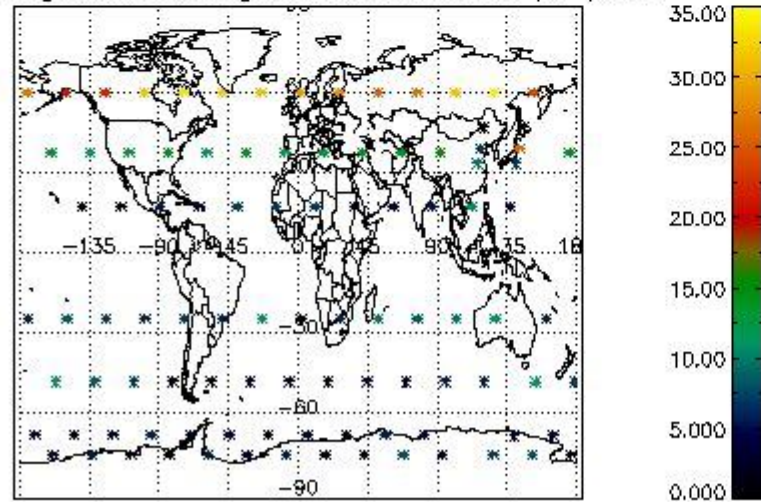
Percentage of cosmic ray hits per profile



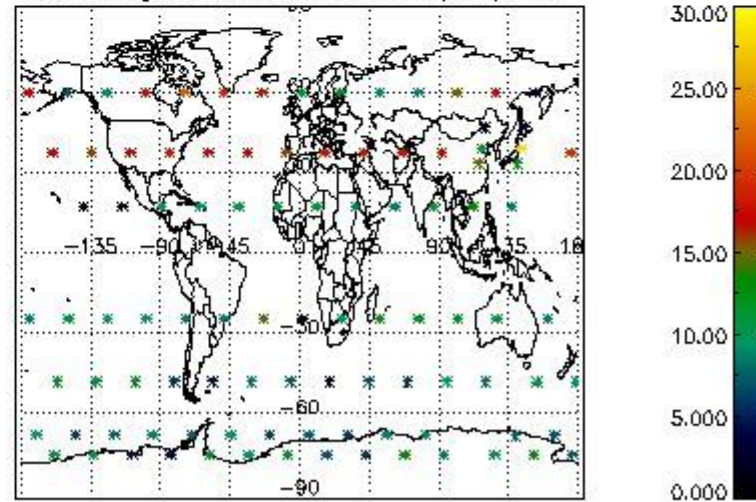
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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

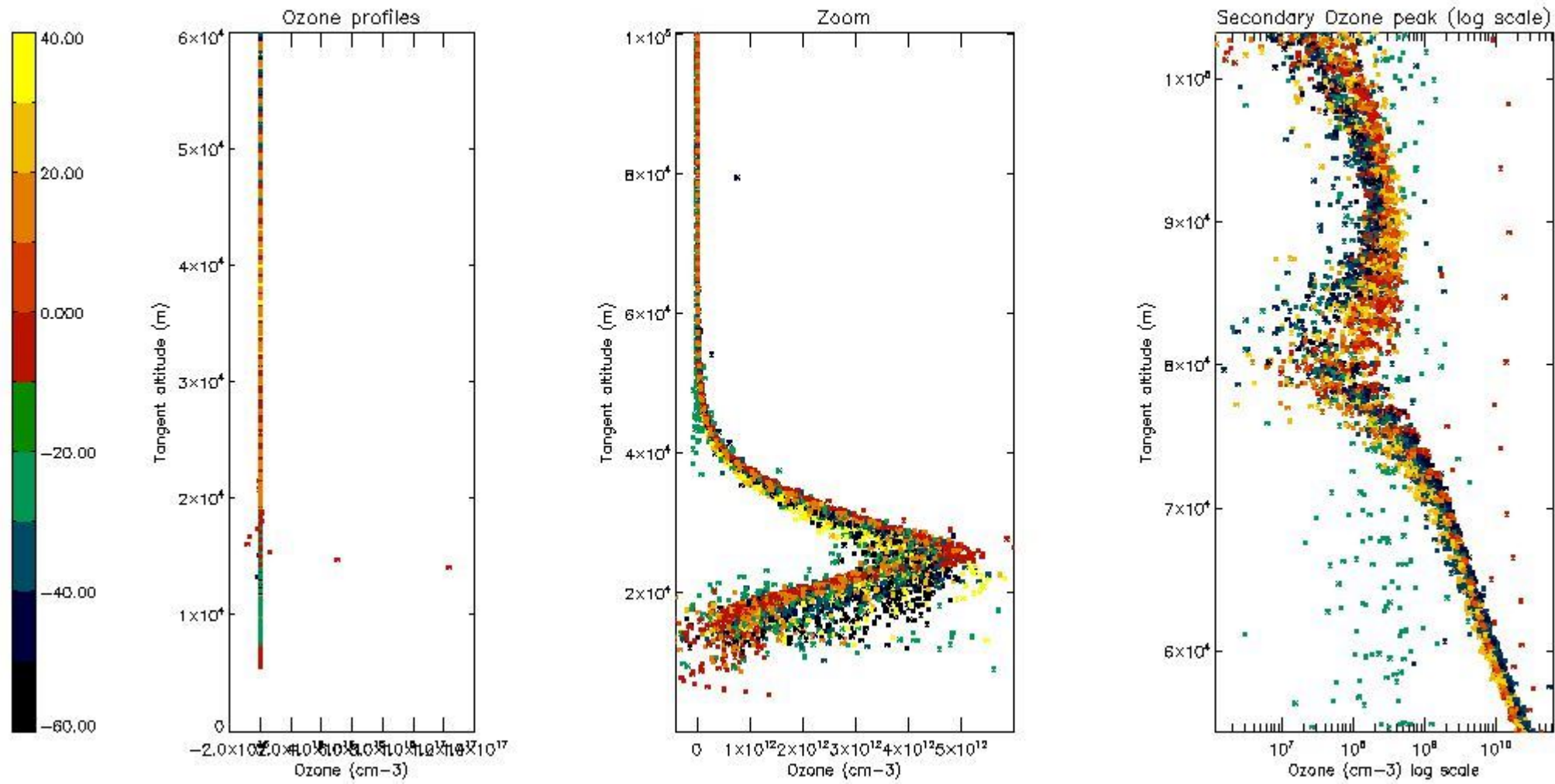
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	29

STD < 10	24
STD < 5	17

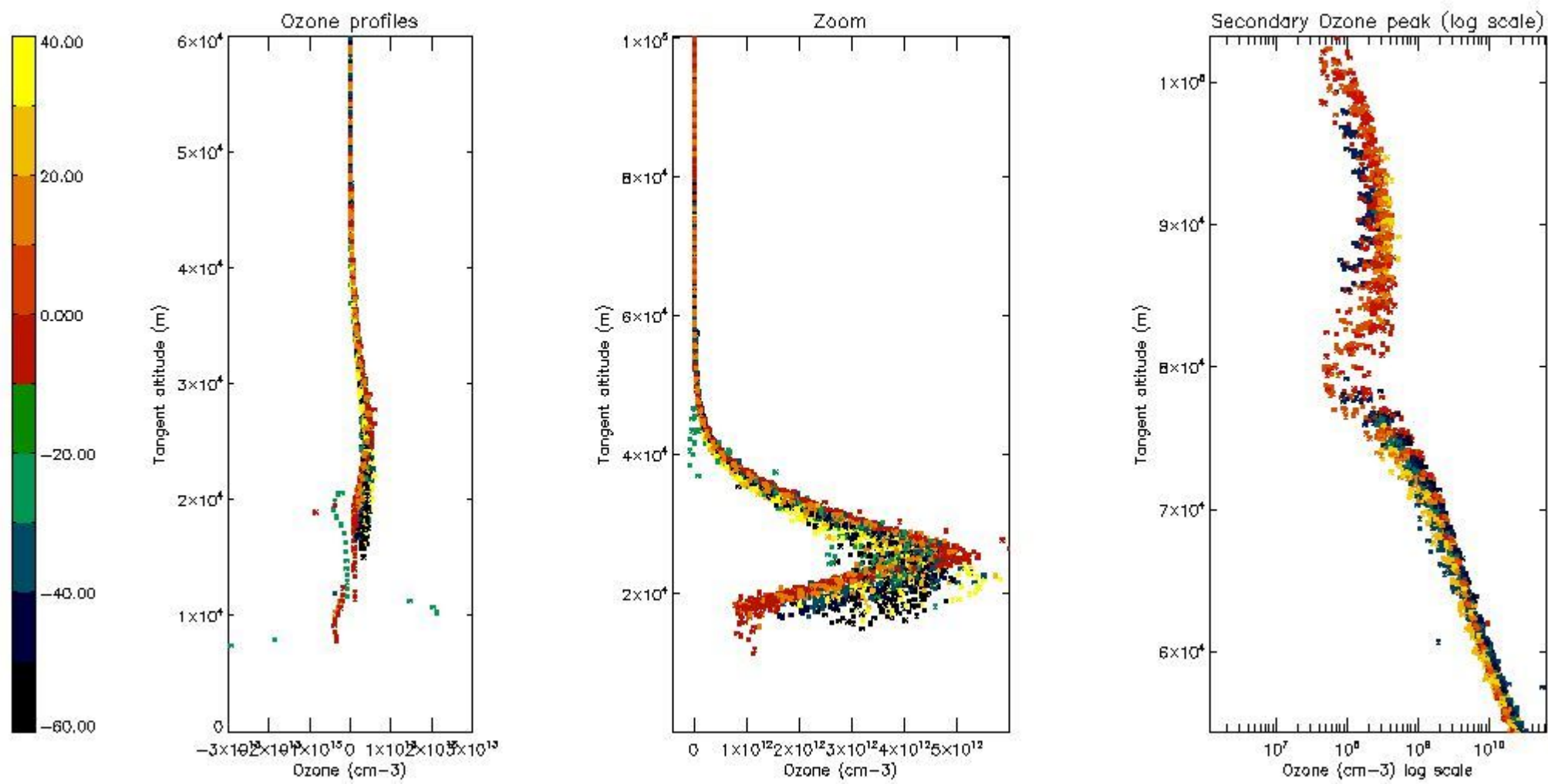
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

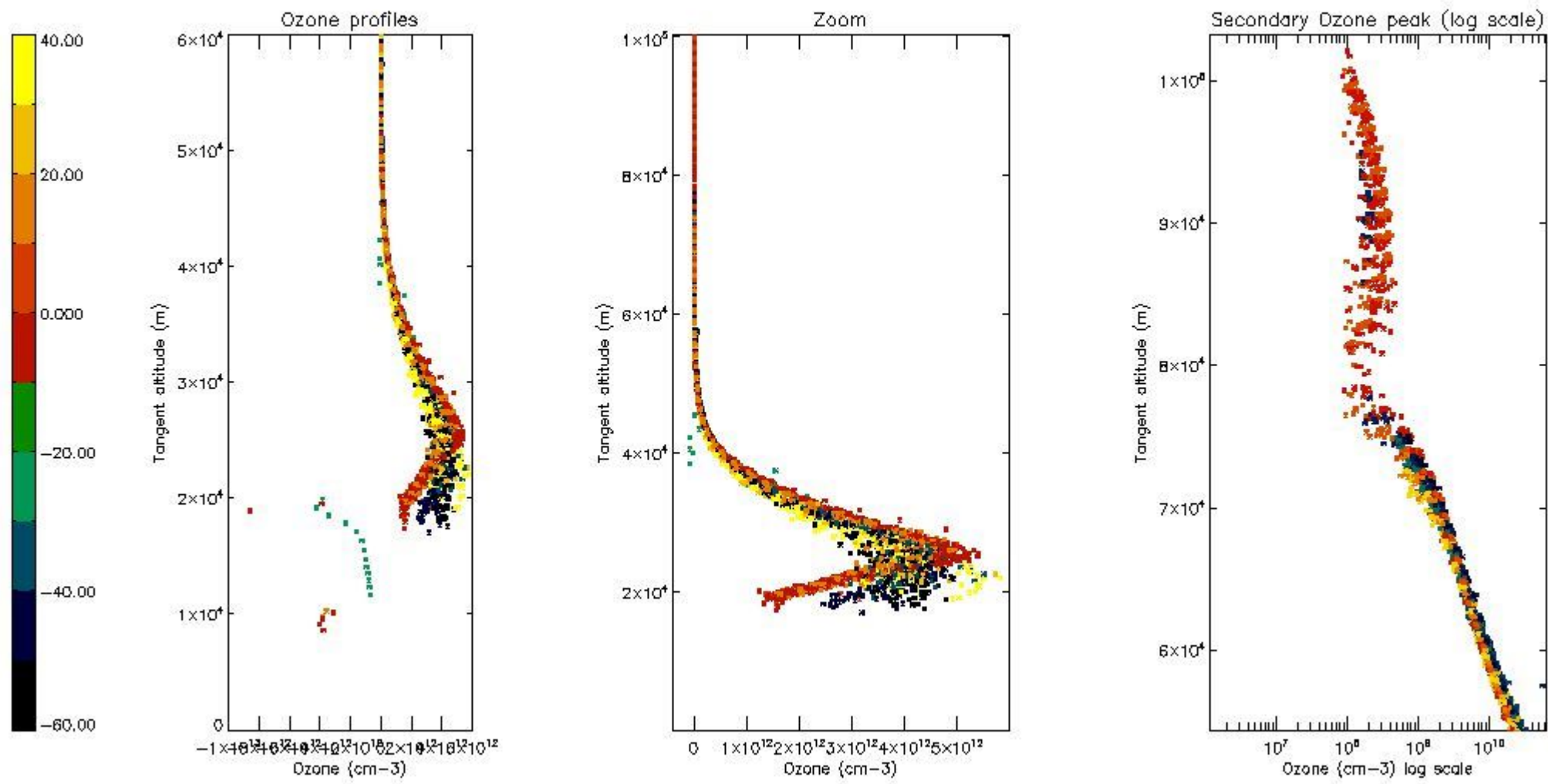
The colorbar represents the latitude.



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

The colorbar represents the latitude.

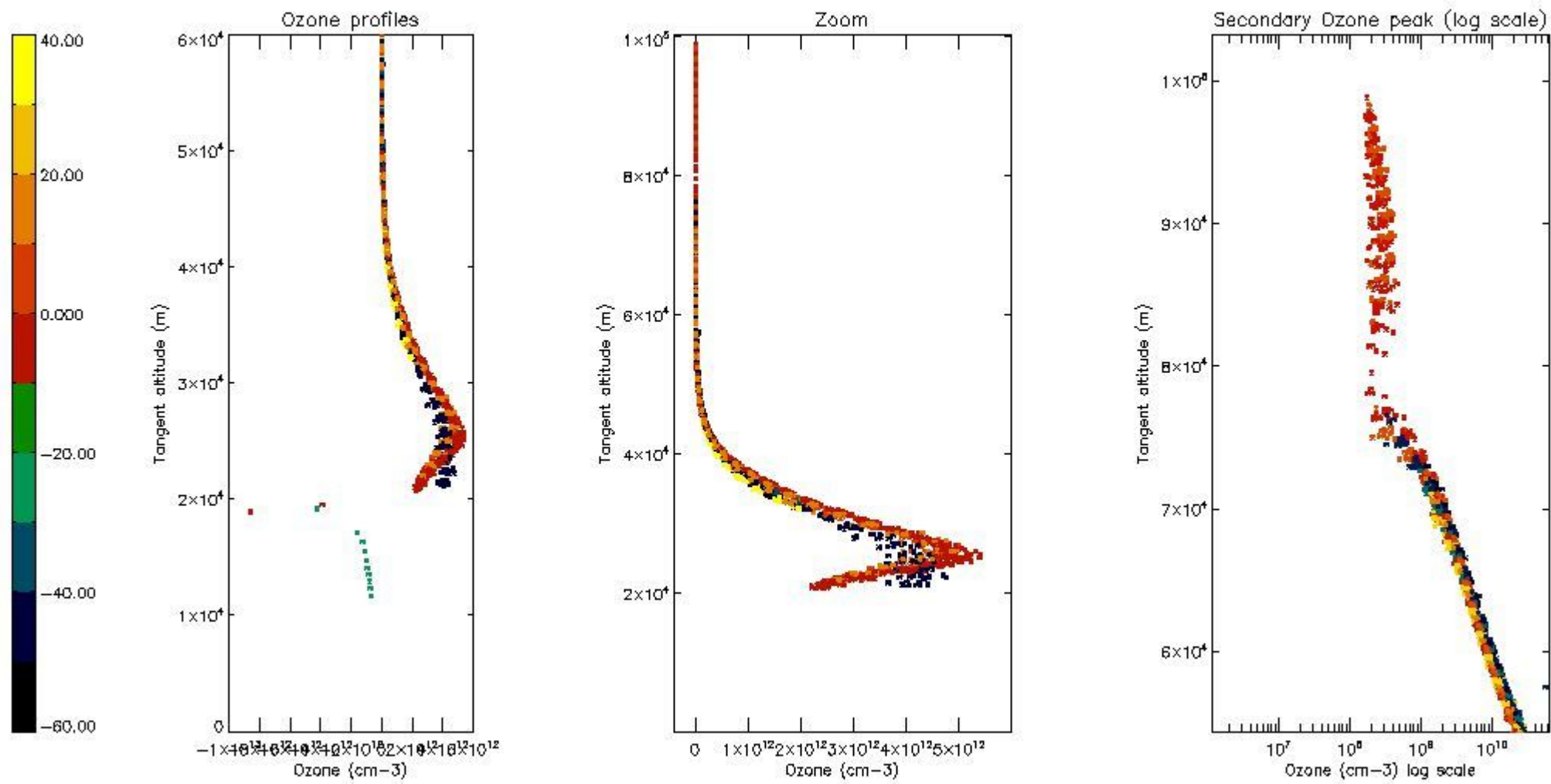




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

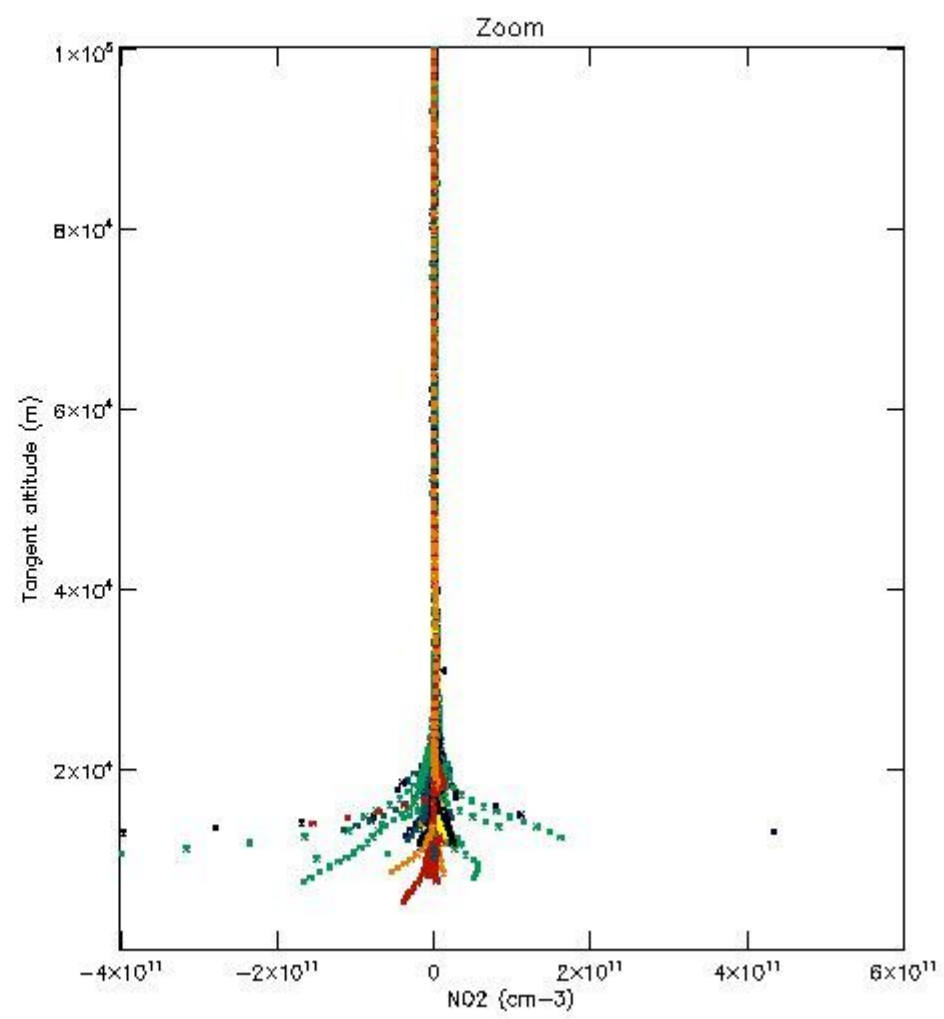
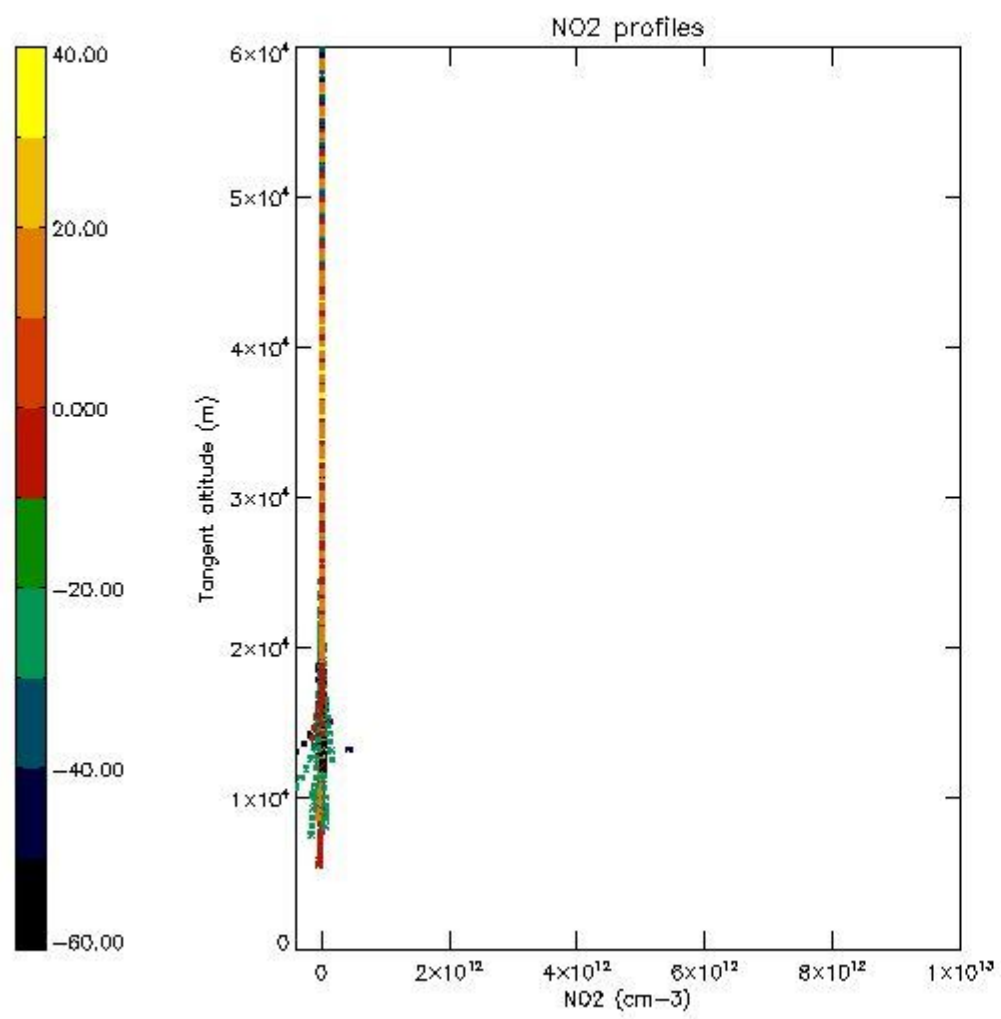
The colorbar represents the latitude.





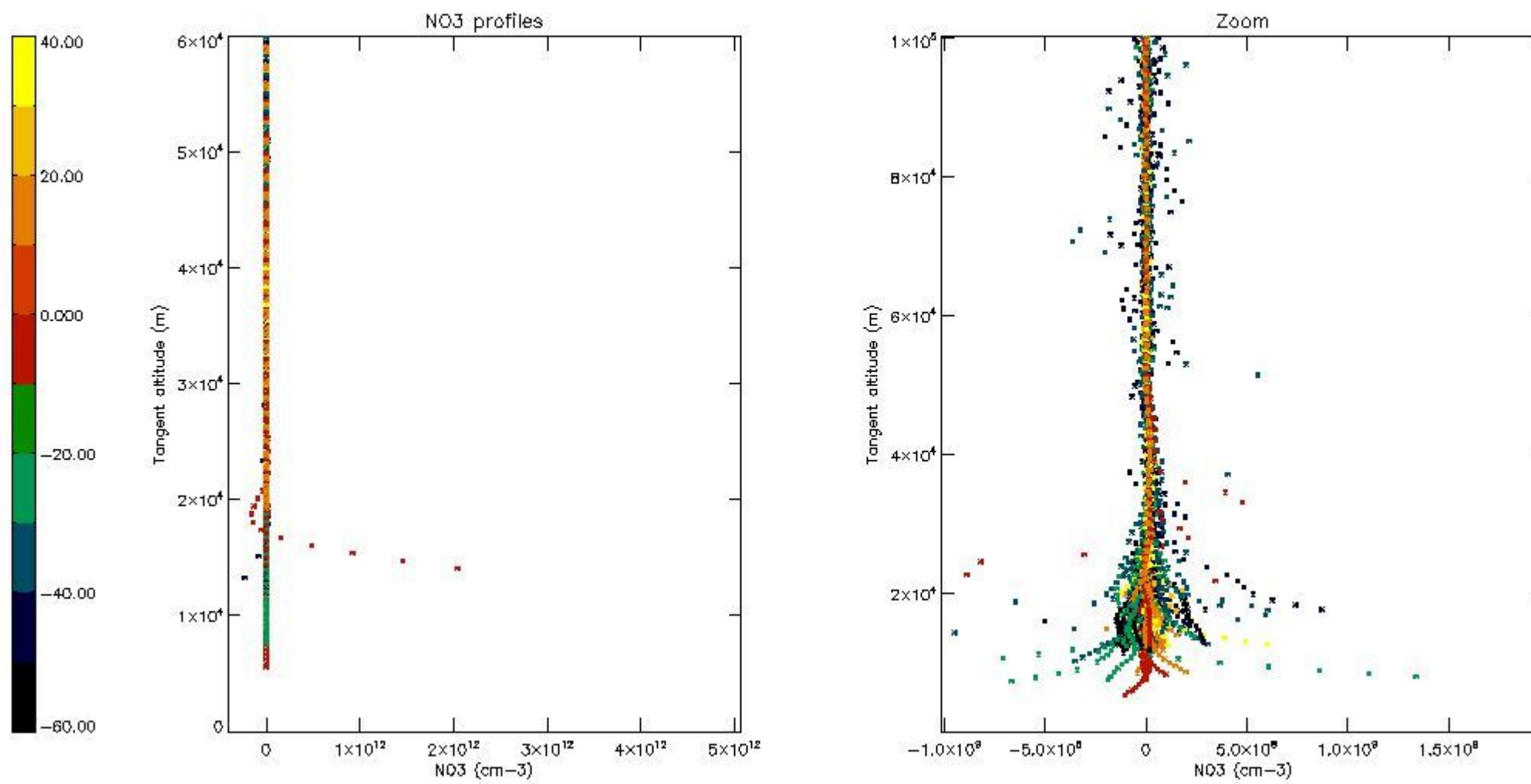
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



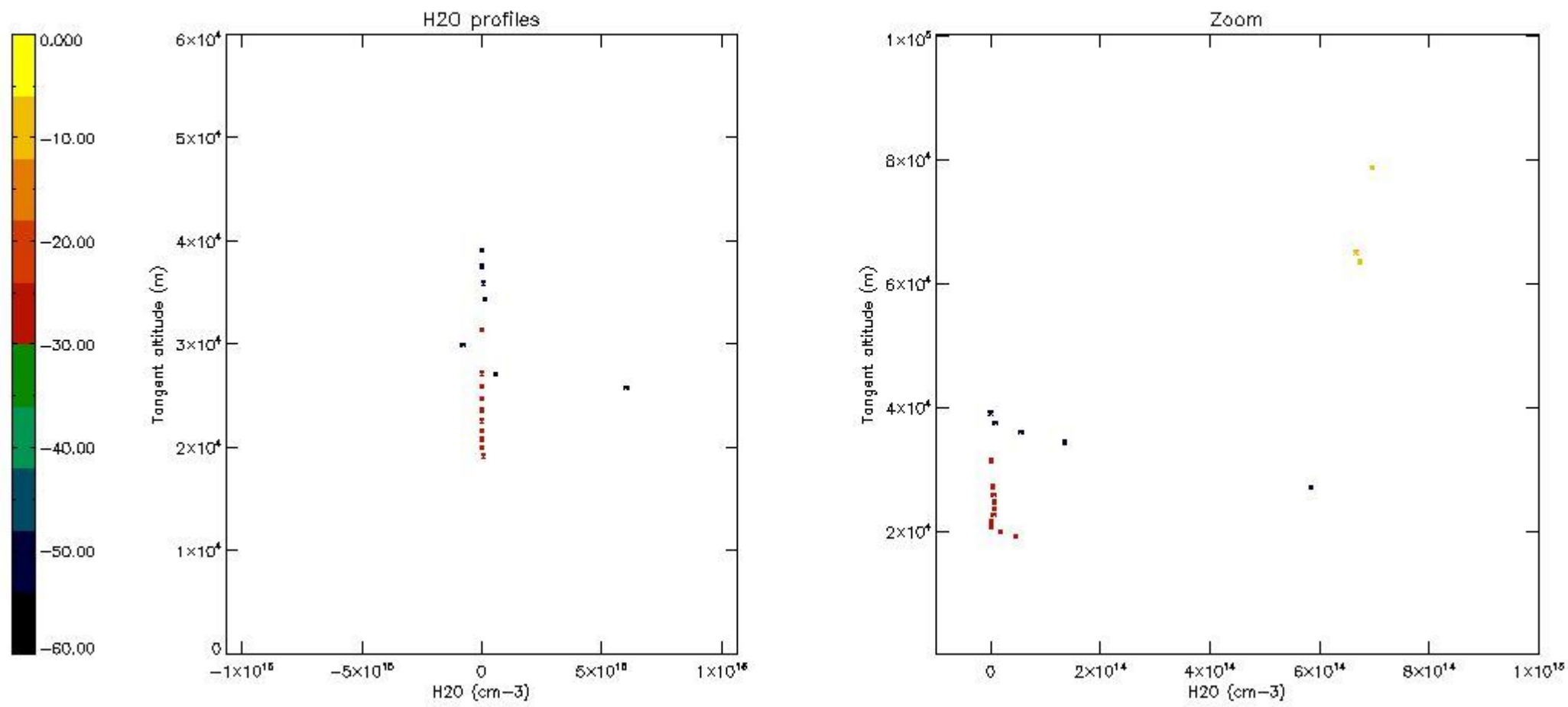
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	09-FEB-2006 00:06:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-FEB-2006 00:06:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-FEB-2006 00:06:57



# GOMOS Level 2 Daily Report

## SUMMARY

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

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

### [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 15:32:23
Data source version	GOMOS/6.01
Start time of products	09-02-2006 (09FEB2006 00:00:00)
Stop time of products	10-02-2006 (10FEB2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	345
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__2PRFIN20060209_000657_000000402045_00030_20625_8566.N1	09-FEB-2006 00:06:57	Twilight	40.000	137	22Lam Sgr	2.8240	4400.0	80	20625	No
2	GOM_NL__2PRFIN20060209_000816_000000422045_00030_20625_8567.N1	09-FEB-2006 00:08:16	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	20625	No
3	GOM_NL__2PRFIN20060209_000925_000000422045_00030_20625_8568.N1	09-FEB-2006 00:09:25	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20625	No
4	GOM_NL__2PRFIN20060209_001116_000000412045_00030_20625_8569.N1	09-FEB-2006 00:11:16	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	20625	No
5	GOM_NL__2PRFIN20060209_001238_000000442045_00030_20625_8570.N1	09-FEB-2006 00:12:38	Dark	43.500	40	The Sco	1.8590	7100.0	87	20625	No
6	GOM_NL__2PRFIN20060209_001558_000000482045_00030_20625_8571.N1	09-FEB-2006 00:15:58	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	20625	No
7	GOM_NL__2PRFIN20060209_002148_000000442045_00031_20626_8592.N1	09-FEB-2006 00:21:48	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	20626	No
8	GOM_NL__2PRFIN20060209_002305_000000442045_00031_20626_8593.N1	09-FEB-2006 00:23:05	Dark	44.000	10	Bet Cen	0.61000	28000.	88	20626	No
9	GOM_NL__2PRFIN20060209_002620_000000452045_00031_20626_8594.N1	09-FEB-2006 00:26:20	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	20626	No
10	GOM_NL__2PRFIN20060209_002916_000000422045_00031_20626_8595.N1	09-FEB-2006 00:29:16	Dark	42.000	29	Bet Car	1.6720	10200.	84	20626	No
11	GOM_NL__2PRFIN20060209_003147_000000392045_00031_20626_8596.N1	09-FEB-2006 00:31:47	Dark	38.500	71	lot Car	2.2460	7700.0	77	20626	No
12	GOM_NL__2PRFIN20060209_003327_000000412045_00031_20626_8597.N1	09-FEB-2006 00:33:27	Dark	41.000	46	Del Vel	1.9540	10600.	82	20626	No
13	GOM_NL__2PRFIN20060209_003554_000000372045_00031_20626_8598.N1	09-FEB-2006 00:35:54	Straylight	37.000	34	Gam2Vel	1.7930	23000.	74	20626	No
14	GOM_NL__2PRFIN20060209_003758_000000412045_00031_20626_8599.N1	09-FEB-2006 00:37:58	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	20626	No
15	GOM_NL__2PRFIN20060209_004121_000000402045_00031_20626_8600.N1	09-FEB-2006 00:41:21	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	20626	No
16	GOM_NL__2PRFIN20060209_005048_000000452045_00031_20626_8601.N1	09-FEB-2006 00:50:48	Tw_and_stray	44.500	8	10Alp CMi	0.40000	6500.0	89	20626	No
17	GOM_NL__2PRFIN20060209_005432_000000332045_00031_20626_8602.N1	09-FEB-2006 00:54:32	Bright	33.000	44	24Gam Gem	1.9280	11000.	66	20626	No
18	GOM_NL__2PRFIN20060209_005649_000000452045_00031_20626_8603.N1	09-FEB-2006 00:56:49	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	20626	No
19	GOM_NL__2PRFIN20060209_005819_000000362045_00031_20626_8604.N1	09-FEB-2006 00:58:19	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20626	No
20	GOM_NL__2PRFIN20060209_010251_000000352045_00031_20626_8605.N1	09-FEB-2006 01:02:51	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	20626	No
21	GOM_NL__2PRFIN20060209_011438_000000372045_00031_20626_8606.N1	09-FEB-2006 01:14:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	20626	No
22	GOM_NL__2PRFIN20060209_012115_000000362045_00031_20626_8607.N1	09-FEB-2006 01:21:15	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20626	No
23	GOM_NL__2PRFIN20060209_012928_000000362045_00031_20626_8608.N1	09-FEB-2006 01:29:28	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	20626	No
24	GOM_NL__2PRFIN20060209_013613_000000322045_00031_20626_8609.N1	09-FEB-2006 01:36:13	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	20626	No
25	GOM_NL__2PRFIN20060209_014734_000000402045_00031_20626_8610.N1	09-FEB-2006 01:47:34	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	20626	No
26	GOM_NL__2PRFIN20060209_014852_000000382045_00031_20626_8611.N1	09-FEB-2006 01:48:52	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	20626	No
27	GOM_NL__2PRFIN20060209_015002_000000402045_00031_20626_8612.N1	09-FEB-2006 01:50:02	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	20626	No
28	GOM_NL__2PRFIN20060209_015152_000000442045_00031_20626_8613.N1	09-FEB-2006 01:51:52	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	20626	No
29	GOM_NL__2PRFIN20060209_015504_000000372045_00031_20626_8614.N1	09-FEB-2006 01:55:04	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20626	No
30	GOM_NL__2PRFIN20060209_015635_000000372045_00031_20626_8615.N1	09-FEB-2006 01:56:35	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	20626	No
31	GOM_NL__2PRFIN20060209_020225_000000432045_00032_20627_8620.N1	09-FEB-2006 02:02:25	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20627	No
32	GOM_NL__2PRFIN20060209_020341_000000412045_00032_20627_8621.N1	09-FEB-2006 02:03:41	Dark	41.000	10	Bet Cen	0.61000	28000.	82	20627	No
33	GOM_NL__2PRFIN20060209_020656_000000402045_00032_20627_8622.N1	09-FEB-2006 02:06:56	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	20627	No
34	GOM_NL__2PRFIN20060209_020952_000000392045_00032_20627_8623.N1	09-FEB-2006 02:09:52	Dark	39.000	29	Bet Car	1.6720	10200.	78	20627	No
35	GOM_NL__2PRFIN20060209_021223_000000402045_00032_20627_8624.N1	09-FEB-2006 02:12:23	Dark	39.500	71	lot Car	2.2460	7700.0	79	20627	No
36	GOM_NL__2PRFIN20060209_021404_000000372045_00032_20627_8625.N1	09-FEB-2006 02:14:04	Dark	37.000	46	Del Vel	1.9540	10600.	74	20627	No
37	GOM_NL__2PRFIN20060209_021630_000000412045_00032_20627_8626.N1	09-FEB-2006 02:16:30	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	20627	No
38	GOM_NL__2PRFIN20060209_021834_000000402045_00032_20627_8627.N1	09-FEB-2006 02:18:34	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	20627	No
39	GOM_NL__2PRFIN20060209_022157_000000402045_00032_20627_8628.N1	09-FEB-2006 02:21:57	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	20627	No
40	GOM_NL__2PRFIN20060209_023124_000000522045_00032_20627_8629.N1	09-FEB-2006 02:31:24	Tw_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	20627	No
41	GOM_NL__2PRFIN20060209_023508_000000332045_00032_20627_8630.N1	09-FEB-2006 02:35:08	Bright	33.000	44	24Gam Gem	1.9280	11000.	66	20627	No
42	GOM_NL__2PRFIN20060209_023725_000000362045_00032_20627_8631.N1	09-FEB-2006 02:37:25	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	20627	No

43	GOM_NL__2PRFIN20060209_023855_000000372045_00032_20627_8632.N1	09-FEB-2006 02:38:55	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	20627	No
44	GOM_NL__2PRFIN20060209_024328_000000382045_00032_20627_8633.N1	09-FEB-2006 02:43:28	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	20627	No
45	GOM_NL__2PRFIN20060209_025514_000000362045_00032_20627_8634.N1	09-FEB-2006 02:55:14	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20627	No
46	GOM_NL__2PRFIN20060209_030151_000000352045_00032_20627_8635.N1	09-FEB-2006 03:01:51	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20627	No
47	GOM_NL__2PRFIN20060209_030743_000000342045_00032_20627_8636.N1	09-FEB-2006 03:07:43	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	20627	No
48	GOM_NL__2PRFIN20060209_031004_000000382045_00032_20627_8637.N1	09-FEB-2006 03:10:04	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	20627	No
49	GOM_NL__2PRFIN20060209_031649_000000342045_00032_20627_8638.N1	09-FEB-2006 03:16:49	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20627	No
50	GOM_NL__2PRFIN20060209_032810_000000402045_00032_20627_8639.N1	09-FEB-2006 03:28:10	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	20627	No
51	GOM_NL__2PRFIN20060209_032928_000000422045_00032_20627_8640.N1	09-FEB-2006 03:29:28	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	20627	No
52	GOM_NL__2PRFIN20060209_033038_000000402045_00032_20627_8641.N1	09-FEB-2006 03:30:38	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	20627	No
53	GOM_NL__2PRFIN20060209_033229_000000432045_00032_20627_8642.N1	09-FEB-2006 03:32:29	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	20627	No
54	GOM_NL__2PRFIN20060209_033351_000000432045_00032_20627_8643.N1	09-FEB-2006 03:33:51	Dark	43.000	40	The Sco	1.8590	7100.0	86	20627	No
55	GOM_NL__2PRFIN20060209_033541_000000372045_00032_20627_8644.N1	09-FEB-2006 03:35:41	Dark	36.500	147	Alp Ara	2.8770	26000.	73	20627	No
56	GOM_NL__2PRFIN20060209_033711_000000372045_00032_20627_8645.N1	09-FEB-2006 03:37:11	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	20627	No
57	GOM_NL__2PRFIN20060209_034301_000000442045_00033_20628_8546.N1	09-FEB-2006 03:43:01	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	20628	No
58	GOM_NL__2PRFIN20060209_034418_000000442045_00033_20628_8547.N1	09-FEB-2006 03:44:18	Dark	43.500	10	Bet Cen	0.61000	28000.	87	20628	No
59	GOM_NL__2PRFIN20060209_034733_000000492045_00033_20628_8548.N1	09-FEB-2006 03:47:33	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	20628	No
60	GOM_NL__2PRFIN20060209_035028_000000382045_00033_20628_8549.N1	09-FEB-2006 03:50:28	Dark	37.500	29	Bet Car	1.6720	10200.	75	20628	No
61	GOM_NL__2PRFIN20060209_035259_000000372045_00033_20628_8550.N1	09-FEB-2006 03:52:59	Dark	36.500	71	lot Car	2.2460	7700.0	73	20628	No
62	GOM_NL__2PRFIN20060209_035440_000000392045_00033_20628_8551.N1	09-FEB-2006 03:54:40	Dark	38.500	46	Del Vel	1.9540	10600.	77	20628	No
63	GOM_NL__2PRFIN20060209_035706_000000382045_00033_20628_8552.N1	09-FEB-2006 03:57:06	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	20628	No
64	GOM_NL__2PRFIN20060209_035911_000000392045_00033_20628_8553.N1	09-FEB-2006 03:59:11	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	20628	No
65	GOM_NL__2PRFIN20060209_040233_000000402045_00033_20628_8554.N1	09-FEB-2006 04:02:33	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	20628	No
66	GOM_NL__2PRFIN20060209_041200_000000502045_00033_20628_8555.N1	09-FEB-2006 04:12:00	Tw_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	20628	No
67	GOM_NL__2PRFIN20060209_041825_000000392045_00033_20628_8556.N1	09-FEB-2006 04:18:25	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20628	No
68	GOM_NL__2PRFIN20060209_042404_000000362045_00033_20628_8557.N1	09-FEB-2006 04:24:04	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	20628	No
69	GOM_NL__2PRFIN20060209_043550_000000362045_00033_20628_8558.N1	09-FEB-2006 04:35:50	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20628	No
70	GOM_NL__2PRFIN20060209_044227_000000342045_00033_20628_8559.N1	09-FEB-2006 04:42:27	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	20628	No
71	GOM_NL__2PRFIN20060209_044820_000000342045_00033_20628_8560.N1	09-FEB-2006 04:48:20	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	20628	No
72	GOM_NL__2PRFIN20060209_045040_000000352045_00033_20628_8561.N1	09-FEB-2006 04:50:40	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	20628	No
73	GOM_NL__2PRFIN20060209_045726_000000342045_00033_20628_8562.N1	09-FEB-2006 04:57:26	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20628	No
74	GOM_NL__2PRFIN20060209_050846_000000412045_00033_20628_8563.N1	09-FEB-2006 05:08:46	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	20628	No
75	GOM_NL__2PRFIN20060209_051004_000000442045_00033_20628_8564.N1	09-FEB-2006 05:10:04	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	20628	No
76	GOM_NL__2PRFIN20060209_051114_000000412045_00033_20628_8565.N1	09-FEB-2006 05:11:14	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20628	No
77	GOM_NL__2PRFIN20060209_051305_000000402045_00033_20628_8566.N1	09-FEB-2006 05:13:05	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	20628	No
78	GOM_NL__2PRFIN20060209_051427_000000412045_00033_20628_8567.N1	09-FEB-2006 05:14:27	Dark	41.000	40	The Sco	1.8590	7100.0	82	20628	No
79	GOM_NL__2PRFIN20060209_051617_000000362045_00033_20628_8568.N1	09-FEB-2006 05:16:17	Dark	36.000	147	Alp Ara	2.8770	26000.	72	20628	No
80	GOM_NL__2PRFIN20060209_051747_000000432045_00033_20628_8569.N1	09-FEB-2006 05:17:47	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	20628	No
81	GOM_NL__2PRFIN20060209_052338_000000532045_00034_20629_8546.N1	09-FEB-2006 05:23:38	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	20629	No
82	GOM_NL__2PRFIN20060209_052455_000000512045_00034_20629_8547.N1	09-FEB-2006 05:24:55	Dark	50.500	10	Bet Cen	0.61000	28000.	101	20629	No
83	GOM_NL__2PRFIN20060209_052809_000000412045_00034_20629_8548.N1	09-FEB-2006 05:28:09	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	20629	No
84	GOM_NL__2PRFIN20060209_053104_000000362045_00034_20629_8549.N1	09-FEB-2006 05:31:04	Dark	35.500	29	Bet Car	1.6720	10200.	71	20629	No
85	GOM_NL__2PRFIN20060209_053336_000000362045_00034_20629_8550.N1	09-FEB-2006 05:33:36	Dark	36.000	71	lot Car	2.2460	7700.0	72	20629	No
86	GOM_NL__2PRFIN20060209_053516_000000412045_00034_20629_8551.N1	09-FEB-2006 05:35:16	Dark	41.000	46	Del Vel	1.9540	10600.	82	20629	No
87	GOM_NL__2PRFIN20060209_053742_000000422045_00034_20629_8552.N1	09-FEB-2006 05:37:42	Straylight	41.500	34	Gam2Vel	1.7930	23000.	83	20629	No
88	GOM_NL__2PRFIN20060209_053947_000000392045_00034_20629_8553.N1	09-FEB-2006 05:39:47	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	20629	No
89	GOM_NL__2PRFIN20060209_054309_000000382045_00034_20629_8554.N1	09-FEB-2006 05:43:09	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	20629	No
90	GOM_NL__2PRFIN20060209_055236_000000462045_00034_20629_8555.N1	09-FEB-2006 05:52:36	Tw_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	20629	No
91	GOM_NL__2PRFIN20060209_055901_000000392045_00034_20629_8556.N1	09-FEB-2006 05:59:01	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20629	No
92	GOM_NL__2PRFIN20060209_060440_000000352045_00034_20629_8557.N1	09-FEB-2006 06:04:40	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	20629	No
93	GOM_NL__2PRFIN20060209_061626_000000372045_00034_20629_8558.N1	09-FEB-2006 06:16:26	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	20629	No
94	GOM_NL__2PRFIN20060209_062303_000000352045_00034_20629_8559.N1	09-FEB-2006 06:23:03	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20629	No
95	GOM_NL__2PRFIN20060209_062856_000000332045_00034_20629_8560.N1	09-FEB-2006 06:28:56	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	20629	No
96	GOM_NL__2PRFIN20060209_063116_000000352045_00034_20629_8561.N1	09-FEB-2006 06:31:16	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	20629	No
97	GOM_NL__2PRFIN20060209_063802_000000342045_00034_20629_8562.N1	09-FEB-2006 06:38:02	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20629	No
98	GOM_NL__2PRFIN20060209_064922_000000432045_00034_20629_8563.N1	09-FEB-2006 06:49:22	Twilight	42.500	137	22Lam Sgr	2.8240	4400.0	85	20629	No
99	GOM_NL__2PRFIN20060209_065041_000000432045_00034_20629_8564.N1	09-FEB-2006 06:50:41	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	20629	No
100	GOM_NL__2PRFIN20060209_065150_000000422045_00034_20629_8565.N1	09-FEB-2006 06:51:50	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20629	No
101	GOM_NL__2PRFIN20060209_065342_000000402045_00034_20629_8566.N1	09-FEB-2006 06:53:42	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	20629	No



102	GOM_NL__2PRFIN20060209_065504_000000422045_00034_20629_8567.N1	09-FEB-2006 06:55:04	Dark	42.000	40	The Sco	1.8590	7100.0	84	20629	No
103	GOM_NL__2PRFIN20060209_065654_000000372045_00034_20629_8568.N1	09-FEB-2006 06:56:54	Dark	36.500	147	Alp Ara	2.8770	26000.	73	20629	No
104	GOM_NL__2PRFIN20060209_065824_000000392045_00034_20629_8569.N1	09-FEB-2006 06:58:24	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20629	No
105	GOM_NL__2PRFIN20060209_070414_000000492045_00035_20630_8546.N1	09-FEB-2006 07:04:14	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	20630	No
106	GOM_NL__2PRFIN20060209_070531_000000502045_00035_20630_8547.N1	09-FEB-2006 07:05:31	Dark	50.000	10	Bet Cen	0.61000	28000.	100	20630	No
107	GOM_NL__2PRFIN20060209_070846_000000472045_00035_20630_8548.N1	09-FEB-2006 07:08:46	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	20630	No
108	GOM_NL__2PRFIN20060209_071140_000000372045_00035_20630_8549.N1	09-FEB-2006 07:11:40	Dark	36.500	29	Bet Car	1.6720	10200.	73	20630	No
109	GOM_NL__2PRFIN20060209_071412_000000412045_00035_20630_8550.N1	09-FEB-2006 07:14:12	Dark	40.500	71	lot Car	2.2460	7700.0	81	20630	No
110	GOM_NL__2PRFIN20060209_071552_000000402045_00035_20630_8551.N1	09-FEB-2006 07:15:52	Dark	39.500	46	Del Vel	1.9540	10600.	79	20630	No
111	GOM_NL__2PRFIN20060209_071819_000000412045_00035_20630_8552.N1	09-FEB-2006 07:18:19	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	20630	No
112	GOM_NL__2PRFIN20060209_072023_000000382045_00035_20630_8553.N1	09-FEB-2006 07:20:23	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	20630	No
113	GOM_NL__2PRFIN20060209_072345_000000372045_00035_20630_8554.N1	09-FEB-2006 07:23:45	Straylight	36.500	88	31Eta CMa	2.4480	20000.	73	20630	No
114	GOM_NL__2PRFIN20060209_073312_000000462045_00035_20630_8555.N1	09-FEB-2006 07:33:12	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	20630	No
115	GOM_NL__2PRFIN20060209_073937_000000392045_00035_20630_8556.N1	09-FEB-2006 07:39:37	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20630	No
116	GOM_NL__2PRFIN20060209_074516_000000352045_00035_20630_8557.N1	09-FEB-2006 07:45:16	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	20630	No
117	GOM_NL__2PRFIN20060209_075702_000000362045_00035_20630_8558.N1	09-FEB-2006 07:57:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20630	No
118	GOM_NL__2PRFIN20060209_080340_000000322045_00035_20630_8559.N1	09-FEB-2006 08:03:40	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	20630	No
119	GOM_NL__2PRFIN20060209_080932_000000342045_00035_20630_8560.N1	09-FEB-2006 08:09:32	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20630	No
120	GOM_NL__2PRFIN20060209_081152_000000372045_00035_20630_8561.N1	09-FEB-2006 08:11:52	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	20630	No
121	GOM_NL__2PRFIN20060209_081838_000000342045_00035_20630_8562.N1	09-FEB-2006 08:18:38	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20630	No
122	GOM_NL__2PRFIN20060209_082959_000000422045_00035_20630_8563.N1	09-FEB-2006 08:29:59	Twilight	41.500	137	22Lam Sgr	2.8240	4400.0	83	20630	No
123	GOM_NL__2PRFIN20060209_083117_000000402045_00035_20630_8564.N1	09-FEB-2006 08:31:17	Twilight	40.000	116	19Del Sgr	2.7000	4100.0	80	20630	No
124	GOM_NL__2PRFIN20060209_083227_000000402045_00035_20630_8565.N1	09-FEB-2006 08:32:27	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	20630	No
125	GOM_NL__2PRFIN20060209_083418_000000412045_00035_20630_8566.N1	09-FEB-2006 08:34:18	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	20630	No
126	GOM_NL__2PRFIN20060209_083540_000000402045_00035_20630_8567.N1	09-FEB-2006 08:35:40	Dark	40.000	40	The Sco	1.8590	7100.0	80	20630	No
127	GOM_NL__2PRFIN20060209_083730_000000372045_00035_20630_8568.N1	09-FEB-2006 08:37:30	Dark	36.500	147	Alp Ara	2.8770	26000.	73	20630	No
128	GOM_NL__2PRFIN20060209_083900_000000372045_00035_20630_8569.N1	09-FEB-2006 08:39:00	Dark	36.500	141	Bet Ara	2.8400	4600.0	73	20630	No
129	GOM_NL__2PRFIN20060209_084451_000000472045_00036_20631_8546.N1	09-FEB-2006 08:44:51	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	20631	No
130	GOM_NL__2PRFIN20060209_084608_000000422045_00036_20631_8547.N1	09-FEB-2006 08:46:08	Dark	41.500	10	Bet Cen	0.61000	28000.	83	20631	No
131	GOM_NL__2PRFIN20060209_084922_000000442045_00036_20631_8548.N1	09-FEB-2006 08:49:22	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	20631	No
132	GOM_NL__2PRFIN20060209_085217_000000382045_00036_20631_8549.N1	09-FEB-2006 08:52:17	Dark	38.000	29	Bet Car	1.6720	10200.	76	20631	No
133	GOM_NL__2PRFIN20060209_085448_000000382045_00036_20631_8550.N1	09-FEB-2006 08:54:48	Dark	37.500	71	lot Car	2.2460	7700.0	75	20631	No
134	GOM_NL__2PRFIN20060209_085629_000000412045_00036_20631_8551.N1	09-FEB-2006 08:56:29	Dark	41.000	46	Del Vel	1.9540	10600.	82	20631	No
135	GOM_NL__2PRFIN20060209_085855_000000372045_00036_20631_8552.N1	09-FEB-2006 08:58:55	Straylight	37.000	34	Gam2Vel	1.7930	23000.	74	20631	No
136	GOM_NL__2PRFIN20060209_090059_000000402045_00036_20631_8553.N1	09-FEB-2006 09:00:59	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	20631	No
137	GOM_NL__2PRFIN20060209_090422_000000382045_00036_20631_8554.N1	09-FEB-2006 09:04:22	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	20631	No
138	GOM_NL__2PRFIN20060209_091348_000000472045_00036_20631_8555.N1	09-FEB-2006 09:13:48	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	20631	No
139	GOM_NL__2PRFIN20060209_092013_000000392045_00036_20631_8556.N1	09-FEB-2006 09:20:13	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20631	No
140	GOM_NL__2PRFIN20060209_092553_000000362045_00036_20631_8557.N1	09-FEB-2006 09:25:53	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	20631	No
141	GOM_NL__2PRFIN20060209_093738_000000322045_00036_20631_8558.N1	09-FEB-2006 09:37:38	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	20631	No
142	GOM_NL__2PRFIN20060209_094416_000000352045_00036_20631_8559.N1	09-FEB-2006 09:44:16	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20631	No
143	GOM_NL__2PRFIN20060209_095008_000000332045_00036_20631_8560.N1	09-FEB-2006 09:50:08	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	20631	No
144	GOM_NL__2PRFIN20060209_095228_000000362045_00036_20631_8561.N1	09-FEB-2006 09:52:28	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	20631	No
145	GOM_NL__2PRFIN20060209_095914_000000342045_00036_20631_8562.N1	09-FEB-2006 09:59:14	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	20631	No
146	GOM_NL__2PRFIN20060209_101035_000000422045_00036_20631_8563.N1	09-FEB-2006 10:10:35	Twilight	41.500	137	22Lam Sgr	2.8240	4400.0	83	20631	No
147	GOM_NL__2PRFIN20060209_101153_000000402045_00036_20631_8564.N1	09-FEB-2006 10:11:53	Twilight	40.000	116	19Del Sgr	2.7000	4100.0	80	20631	No
148	GOM_NL__2PRFIN20060209_101303_000000382045_00036_20631_8565.N1	09-FEB-2006 10:13:03	Dark	37.500	38	20Eps Sgr	1.8360	11000.	75	20631	No
149	GOM_NL__2PRFIN20060209_101455_000000432045_00036_20631_8566.N1	09-FEB-2006 10:14:55	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	20631	No
150	GOM_NL__2PRFIN20060209_101617_000000432045_00036_20631_8567.N1	09-FEB-2006 10:16:17	Dark	43.000	40	The Sco	1.8590	7100.0	86	20631	No
151	GOM_NL__2PRFIN20060209_101806_000000372045_00036_20631_8568.N1	09-FEB-2006 10:18:06	Dark	36.500	147	Alp Ara	2.8770	26000.	73	20631	No
152	GOM_NL__2PRFIN20060209_101936_000000442045_00036_20631_8569.N1	09-FEB-2006 10:19:36	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	20631	No
153	GOM_NL__2PRFIN20060209_102527_000000422045_00037_20632_8546.N1	09-FEB-2006 10:25:27	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	20632	No
154	GOM_NL__2PRFIN20060209_102644_000000422045_00037_20632_8547.N1	09-FEB-2006 10:26:44	Dark	42.000	10	Bet Cen	0.61000	28000.	84	20632	No
155	GOM_NL__2PRFIN20060209_102958_000000422045_00037_20632_8548.N1	09-FEB-2006 10:29:58	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	20632	No
156	GOM_NL__2PRFIN20060209_103253_000000372045_00037_20632_8549.N1	09-FEB-2006 10:32:53	Dark	36.500	29	Bet Car	1.6720	10200.	73	20632	No
157	GOM_NL__2PRFIN20060209_103524_000000372045_00037_20632_8550.N1	09-FEB-2006 10:35:24	Dark	36.500	71	lot Car	2.2460	7700.0	73	20632	No
158	GOM_NL__2PRFIN20060209_103705_000000422045_00037_20632_8551.N1	09-FEB-2006 10:37:05	Dark	42.000	46	Del Vel	1.9540	10600.	84	20632	No
159	GOM_NL__2PRFIN20060209_103931_000000392045_00037_20632_8552.N1	09-FEB-2006 10:39:31	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	20632	No
160	GOM_NL__2PRFIN20060209_104135_000000402045_00037_20632_8553.N1	09-FEB-2006 10:41:35	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	20632	No

161	GOM_NL__2PRFIN20060209_104458_000000382045_00037_20632_8554.N1	09-FEB-2006 10:44:58	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	20632	No
162	GOM_NL__2PRFIN20060209_105424_000000472045_00037_20632_8555.N1	09-FEB-2006 10:54:24	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	20632	No
163	GOM_NL__2PRFIN20060209_110049_000000382045_00037_20632_8556.N1	09-FEB-2006 11:00:49	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20632	No
164	GOM_NL__2PRFIN20060209_110629_000000372045_00037_20632_8557.N1	09-FEB-2006 11:06:29	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	20632	No
165	GOM_NL__2PRFIN20060209_111814_000000382045_00037_20632_8558.N1	09-FEB-2006 11:18:14	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	20632	No
166	GOM_NL__2PRFIN20060209_112452_000000362045_00037_20632_8559.N1	09-FEB-2006 11:24:52	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20632	No
167	GOM_NL__2PRFIN20060209_113044_000000342045_00037_20632_8560.N1	09-FEB-2006 11:30:44	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	20632	No
168	GOM_NL__2PRFIN20060209_113304_000000372045_00037_20632_8561.N1	09-FEB-2006 11:33:04	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	20632	No
169	GOM_NL__2PRFIN20060209_113950_000000332045_00037_20632_8562.N1	09-FEB-2006 11:39:50	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	20632	No
170	GOM_NL__2PRFIN20060209_115111_000000402045_00037_20632_8563.N1	09-FEB-2006 11:51:11	Twilight	40.000	137	22Lam Sgr	2.8240	4400.0	80	20632	No
171	GOM_NL__2PRFIN20060209_115229_000000412045_00037_20632_8564.N1	09-FEB-2006 11:52:29	Twilight	40.500	116	19Del Sgr	2.7000	4100.0	81	20632	No
172	GOM_NL__2PRFIN20060209_115339_000000382045_00037_20632_8565.N1	09-FEB-2006 11:53:39	Dark	37.500	38	20Eps Sgr	1.8360	11000.	75	20632	No
173	GOM_NL__2PRFIN20060209_115531_000000392045_00037_20632_8566.N1	09-FEB-2006 11:55:31	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	20632	No
174	GOM_NL__2PRFIN20060209_115653_000000432045_00037_20632_8567.N1	09-FEB-2006 11:56:53	Dark	43.000	40	The Sco	1.8590	7100.0	86	20632	No
175	GOM_NL__2PRFIN20060209_115842_000000382045_00037_20632_8568.N1	09-FEB-2006 11:58:42	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20632	No
176	GOM_NL__2PRFIN20060209_120013_000000372045_00037_20632_8569.N1	09-FEB-2006 12:00:13	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	20632	No
177	GOM_NL__2PRFIN20060209_120604_000000442045_00038_20633_8566.N1	09-FEB-2006 12:06:04	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	20633	No
178	GOM_NL__2PRFIN20060209_120721_000000452045_00038_20633_8567.N1	09-FEB-2006 12:07:21	Dark	44.500	10	Bet Cen	0.61000	28000.	89	20633	No
179	GOM_NL__2PRFIN20060209_121035_000000422045_00038_20633_8568.N1	09-FEB-2006 12:10:35	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	20633	No
180	GOM_NL__2PRFIN20060209_121329_000000372045_00038_20633_8569.N1	09-FEB-2006 12:13:29	Dark	36.500	29	Bet Car	1.6720	10200.	73	20633	No
181	GOM_NL__2PRFIN20060209_121600_000000402045_00038_20633_8570.N1	09-FEB-2006 12:16:00	Dark	40.000	71	lot Car	2.2460	7700.0	80	20633	No
182	GOM_NL__2PRFIN20060209_121741_000000352045_00038_20633_8571.N1	09-FEB-2006 12:17:41	Dark	35.000	46	Del Vel	1.9540	10600.	70	20633	No
183	GOM_NL__2PRFIN20060209_122007_000000412045_00038_20633_8572.N1	09-FEB-2006 12:20:07	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	20633	No
184	GOM_NL__2PRFIN20060209_122211_000000382045_00038_20633_8573.N1	09-FEB-2006 12:22:11	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	20633	No
185	GOM_NL__2PRFIN20060209_122534_000000402045_00038_20633_8574.N1	09-FEB-2006 12:25:34	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	20633	No
186	GOM_NL__2PRFIN20060209_123500_000000492045_00038_20633_8575.N1	09-FEB-2006 12:35:00	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	20633	No
187	GOM_NL__2PRFIN20060209_124125_000000392045_00038_20633_8576.N1	09-FEB-2006 12:41:25	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20633	No
188	GOM_NL__2PRFIN20060209_124705_000000372045_00038_20633_8577.N1	09-FEB-2006 12:47:05	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	20633	No
189	GOM_NL__2PRFIN20060209_125849_000000352045_00038_20633_8578.N1	09-FEB-2006 12:58:49	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20633	No
190	GOM_NL__2PRFIN20060209_130528_000000332045_00038_20633_8579.N1	09-FEB-2006 13:05:28	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	20633	No
191	GOM_NL__2PRFIN20060209_131120_000000342045_00038_20633_8580.N1	09-FEB-2006 13:11:20	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20633	No
192	GOM_NL__2PRFIN20060209_131340_000000342045_00038_20633_8581.N1	09-FEB-2006 13:13:40	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	20633	No
193	GOM_NL__2PRFIN20060209_132026_000000332045_00038_20633_8582.N1	09-FEB-2006 13:20:26	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	20633	No
194	GOM_NL__2PRFIN20060209_133147_000000402045_00038_20633_8583.N1	09-FEB-2006 13:31:47	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	20633	No
195	GOM_NL__2PRFIN20060209_133306_000000402045_00038_20633_8584.N1	09-FEB-2006 13:33:06	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	20633	No
196	GOM_NL__2PRFIN20060209_133415_000000392045_00038_20633_8585.N1	09-FEB-2006 13:34:15	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	20633	No
197	GOM_NL__2PRFIN20060209_133607_000000392045_00038_20633_8586.N1	09-FEB-2006 13:36:07	Dark	39.000	25	35Lam Sco	1.6200	28000.	78	20633	No
198	GOM_NL__2PRFIN20060209_133729_000000382045_00038_20633_8587.N1	09-FEB-2006 13:37:29	Dark	37.500	40	The Sco	1.8590	7100.0	75	20633	No
199	GOM_NL__2PRFIN20060209_133919_000000372045_00038_20633_8588.N1	09-FEB-2006 13:39:19	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20633	No
200	GOM_NL__2PRFIN20060209_134049_000000392045_00038_20633_8589.N1	09-FEB-2006 13:40:49	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20633	No
201	GOM_NL__2PRFIN20060209_134640_000000432045_00039_20634_8566.N1	09-FEB-2006 13:46:40	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	20634	No
202	GOM_NL__2PRFIN20060209_134757_000000432045_00039_20634_8567.N1	09-FEB-2006 13:47:57	Dark	42.500	10	Bet Cen	0.61000	28000.	85	20634	No
203	GOM_NL__2PRFIN20060209_135111_000000432045_00039_20634_8568.N1	09-FEB-2006 13:51:11	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	20634	No
204	GOM_NL__2PRFIN20060209_135405_000000372045_00039_20634_8569.N1	09-FEB-2006 13:54:05	Dark	36.500	29	Bet Car	1.6720	10200.	73	20634	No
205	GOM_NL__2PRFIN20060209_135636_000000412045_00039_20634_8570.N1	09-FEB-2006 13:56:36	Dark	40.500	71	lot Car	2.2460	7700.0	81	20634	No
206	GOM_NL__2PRFIN20060209_135817_000000412045_00039_20634_8571.N1	09-FEB-2006 13:58:17	Dark	40.500	46	Del Vel	1.9540	10600.	81	20634	No
207	GOM_NL__2PRFIN20060209_140043_000000402045_00039_20634_8572.N1	09-FEB-2006 14:00:43	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	20634	No
208	GOM_NL__2PRFIN20060209_140247_000000402045_00039_20634_8573.N1	09-FEB-2006 14:02:47	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	20634	No
209	GOM_NL__2PRFIN20060209_140610_000000392045_00039_20634_8574.N1	09-FEB-2006 14:06:10	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	20634	No
210	GOM_NL__2PRFIN20060209_141536_000000502045_00039_20634_8575.N1	09-FEB-2006 14:15:36	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	20634	No
211	GOM_NL__2PRFIN20060209_142201_000000392045_00039_20634_8576.N1	09-FEB-2006 14:22:01	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20634	No
212	GOM_NL__2PRFIN20060209_142741_000000362045_00039_20634_8577.N1	09-FEB-2006 14:27:41	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	20634	No
213	GOM_NL__2PRFIN20060209_143926_000000352045_00039_20634_8578.N1	09-FEB-2006 14:39:26	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20634	No
214	GOM_NL__2PRFIN20060209_144604_000000342045_00039_20634_8579.N1	09-FEB-2006 14:46:04	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	20634	No
215	GOM_NL__2PRFIN20060209_145156_000000352045_00039_20634_8580.N1	09-FEB-2006 14:51:56	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	20634	No
216	GOM_NL__2PRFIN20060209_145416_000000342045_00039_20634_8581.N1	09-FEB-2006 14:54:16	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	20634	No
217	GOM_NL__2PRFIN20060209_150102_000000342045_00039_20634_8582.N1	09-FEB-2006 15:01:02	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20634	No
218	GOM_NL__2PRFIN20060209_151223_000000412045_00039_20634_8583.N1	09-FEB-2006 15:12:23	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	20634	No
219	GOM_NL__2PRFIN20060209_151342_000000452045_00039_20634_8584.N1	09-FEB-2006 15:13:42	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	20634	No

220	GOM_NL__2PRFIN20060209_151451_000000422045_00039_20634_8585.N1	09-FEB-2006 15:14:51	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20634	No
221	GOM_NL__2PRFIN20060209_151644_000000392045_00039_20634_8586.N1	09-FEB-2006 15:16:44	Dark	39.000	25	35Lam Sco	1.6200	28000.	78	20634	No
222	GOM_NL__2PRFIN20060209_151806_000000452045_00039_20634_8587.N1	09-FEB-2006 15:18:06	Dark	45.000	40	The Sco	1.8590	7100.0	90	20634	No
223	GOM_NL__2PRFIN20060209_151955_000000372045_00039_20634_8588.N1	09-FEB-2006 15:19:55	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20634	No
224	GOM_NL__2PRFIN20060209_152125_000000432045_00039_20634_8589.N1	09-FEB-2006 15:21:25	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	20634	No
225	GOM_NL__2PRFIN20060209_152717_000000422045_00040_20635_8566.N1	09-FEB-2006 15:27:17	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20635	No
226	GOM_NL__2PRFIN20060209_152834_000000422045_00040_20635_8567.N1	09-FEB-2006 15:28:34	Dark	42.000	10	Bet Cen	0.61000	28000.	84	20635	No
227	GOM_NL__2PRFIN20060209_153148_000000492045_00040_20635_8568.N1	09-FEB-2006 15:31:48	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	20635	No
228	GOM_NL__2PRFIN20060209_153441_000000412045_00040_20635_8569.N1	09-FEB-2006 15:34:41	Dark	41.000	29	Bet Car	1.6720	10200.	82	20635	No
229	GOM_NL__2PRFIN20060209_153713_000000362045_00040_20635_8570.N1	09-FEB-2006 15:37:13	Dark	36.000	71	lot Car	2.2460	7700.0	72	20635	No
230	GOM_NL__2PRFIN20060209_153853_000000402045_00040_20635_8571.N1	09-FEB-2006 15:38:53	Dark	39.500	46	Del Vel	1.9540	10600.	79	20635	No
231	GOM_NL__2PRFIN20060209_154119_000000382045_00040_20635_8572.N1	09-FEB-2006 15:41:19	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	20635	No
232	GOM_NL__2PRFIN20060209_154324_000000382045_00040_20635_8573.N1	09-FEB-2006 15:43:24	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	20635	No
233	GOM_NL__2PRFIN20060209_154646_000000392045_00040_20635_8574.N1	09-FEB-2006 15:46:46	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	20635	No
234	GOM_NL__2PRFIN20060209_155612_000000512045_00040_20635_8575.N1	09-FEB-2006 15:56:12	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	20635	No
235	GOM_NL__2PRFIN20060209_160237_000000392045_00040_20635_8576.N1	09-FEB-2006 16:02:37	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20635	No
236	GOM_NL__2PRFIN20060209_160817_000000362045_00040_20635_8577.N1	09-FEB-2006 16:08:17	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	20635	No
237	GOM_NL__2PRFIN20060209_162001_000000362045_00040_20635_8578.N1	09-FEB-2006 16:20:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20635	No
238	GOM_NL__2PRFIN20060209_162641_000000372045_00040_20635_8579.N1	09-FEB-2006 16:26:41	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20635	No
239	GOM_NL__2PRFIN20060209_163232_000000342045_00040_20635_8580.N1	09-FEB-2006 16:32:32	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20635	No
240	GOM_NL__2PRFIN20060209_163452_000000372045_00040_20635_8581.N1	09-FEB-2006 16:34:52	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	20635	No
241	GOM_NL__2PRFIN20060209_164139_000000342045_00040_20635_8582.N1	09-FEB-2006 16:41:39	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20635	No
242	GOM_NL__2PRFIN20060209_165300_000000412045_00040_20635_8583.N1	09-FEB-2006 16:53:00	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	20635	No
243	GOM_NL__2PRFIN20060209_165418_000000412045_00040_20635_8584.N1	09-FEB-2006 16:54:18	Twilight	41.000	116	19Del Sgr	2.7000	4100.0	82	20635	No
244	GOM_NL__2PRFIN20060209_165528_000000392045_00040_20635_8585.N1	09-FEB-2006 16:55:28	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	20635	No
245	GOM_NL__2PRFIN20060209_165720_000000422045_00040_20635_8586.N1	09-FEB-2006 16:57:20	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	20635	No
246	GOM_NL__2PRFIN20060209_165842_000000392045_00040_20635_8587.N1	09-FEB-2006 16:58:42	Dark	39.000	40	The Sco	1.8590	7100.0	78	20635	No
247	GOM_NL__2PRFIN20060209_170031_000000392045_00040_20635_8588.N1	09-FEB-2006 17:00:31	Dark	38.500	147	Alp Ara	2.8770	26000.	77	20635	No
248	GOM_NL__2PRFIN20060209_170201_000000412045_00040_20635_8589.N1	09-FEB-2006 17:02:01	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20635	No
249	GOM_NL__2PRFIN20060209_170753_000000462045_00041_20636_8566.N1	09-FEB-2006 17:07:53	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	20636	No
250	GOM_NL__2PRFIN20060209_170910_000000442045_00041_20636_8567.N1	09-FEB-2006 17:09:10	Dark	44.000	10	Bet Cen	0.61000	28000.	88	20636	No
251	GOM_NL__2PRFIN20060209_171224_000000392045_00041_20636_8568.N1	09-FEB-2006 17:12:24	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	20636	No
252	GOM_NL__2PRFIN20060209_171517_000000422045_00041_20636_8569.N1	09-FEB-2006 17:15:17	Dark	41.500	29	Bet Car	1.6720	10200.	83	20636	No
253	GOM_NL__2PRFIN20060209_171749_000000412045_00041_20636_8570.N1	09-FEB-2006 17:17:49	Dark	40.500	71	lot Car	2.2460	7700.0	81	20636	No
254	GOM_NL__2PRFIN20060209_171929_000000382045_00041_20636_8571.N1	09-FEB-2006 17:19:29	Dark	37.500	46	Del Vel	1.9540	10600.	75	20636	No
255	GOM_NL__2PRFIN20060209_172155_000000382045_00041_20636_8572.N1	09-FEB-2006 17:21:55	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	20636	No
256	GOM_NL__2PRFIN20060209_172400_000000412045_00041_20636_8573.N1	09-FEB-2006 17:24:00	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	20636	No
257	GOM_NL__2PRFIN20060209_172722_000000402045_00041_20636_8574.N1	09-FEB-2006 17:27:22	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	20636	No
258	GOM_NL__2PRFIN20060209_173648_000000482045_00041_20636_8575.N1	09-FEB-2006 17:36:48	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	20636	No
259	GOM_NL__2PRFIN20060209_174313_000000392045_00041_20636_8576.N1	09-FEB-2006 17:43:13	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20636	No
260	GOM_NL__2PRFIN20060209_174854_000000262045_00041_20636_8577.N1	09-FEB-2006 17:48:54	Bright	26.000	42	34Bet Aur	1.9000	10200.	52	20636	No
261	GOM_NL__2PRFIN20060209_180037_000000362045_00041_20636_8578.N1	09-FEB-2006 18:00:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20636	No
262	GOM_NL__2PRFIN20060209_180717_000000372045_00041_20636_8579.N1	09-FEB-2006 18:07:17	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20636	No
263	GOM_NL__2PRFIN20060209_181309_000000342045_00041_20636_8580.N1	09-FEB-2006 18:13:09	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20636	No
264	GOM_NL__2PRFIN20060209_181528_000000362045_00041_20636_8581.N1	09-FEB-2006 18:15:28	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	20636	No
265	GOM_NL__2PRFIN20060209_182215_000000522045_00041_20636_8582.N1	09-FEB-2006 18:22:15	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	20636	No
266	GOM_NL__2PRFIN20060209_183336_000000442045_00041_20636_8583.N1	09-FEB-2006 18:33:36	Twilight	43.500	137	22Lam Sgr	2.8240	4400.0	87	20636	No
267	GOM_NL__2PRFIN20060209_183455_000000432045_00041_20636_8584.N1	09-FEB-2006 18:34:55	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	20636	No
268	GOM_NL__2PRFIN20060209_183604_000000392045_00041_20636_8585.N1	09-FEB-2006 18:36:04	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	20636	No
269	GOM_NL__2PRFIN20060209_183757_000000412045_00041_20636_8586.N1	09-FEB-2006 18:37:57	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	20636	No
270	GOM_NL__2PRFIN20060209_183918_000000402045_00041_20636_8587.N1	09-FEB-2006 18:39:18	Dark	40.000	40	The Sco	1.8590	7100.0	80	20636	No
271	GOM_NL__2PRFIN20060209_184108_000000382045_00041_20636_8588.N1	09-FEB-2006 18:41:08	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20636	No
272	GOM_NL__2PRFIN20060209_184238_000000472045_00041_20636_8589.N1	09-FEB-2006 18:42:38	Dark	46.500	141	Bet Ara	2.8400	4600.0	93	20636	No
273	GOM_NL__2PRFIN20060209_184830_000000432045_00042_20637_8566.N1	09-FEB-2006 18:48:30	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20637	No
274	GOM_NL__2PRFIN20060209_184947_000000412045_00042_20637_8567.N1	09-FEB-2006 18:49:47	Dark	40.500	10	Bet Cen	0.61000	28000.	81	20637	No
275	GOM_NL__2PRFIN20060209_185301_000000402045_00042_20637_8568.N1	09-FEB-2006 18:53:01	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20637	No
276	GOM_NL__2PRFIN20060209_185553_000000432045_00042_20637_8569.N1	09-FEB-2006 18:55:53	Dark	42.500	29	Bet Car	1.6720	10200.	85	20637	No
277	GOM_NL__2PRFIN20060209_185825_000000392045_00042_20637_8570.N1	09-FEB-2006 18:58:25	Dark	38.500	71	lot Car	2.2460	7700.0	77	20637	No
278	GOM_NL__2PRFIN20060209_190006_000000412045_00042_20637_8571.N1	09-FEB-2006 19:00:06	Dark	41.000	46	Del Vel	1.9540	10600.	82	20637	No



279	GOM_NL__2PRFIN20060209_190232_000000402045_00042_20637_8572.N1	09-FEB-2006 19:02:32	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	20637	No
280	GOM_NL__2PRFIN20060209_190436_000000402045_00042_20637_8573.N1	09-FEB-2006 19:04:36	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	20637	No
281	GOM_NL__2PRFIN20060209_190758_000000392045_00042_20637_8574.N1	09-FEB-2006 19:07:58	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	20637	No
282	GOM_NL__2PRFIN20060209_191725_000000442045_00042_20637_8575.N1	09-FEB-2006 19:17:25	Twl_and_stray	43.500	8	10Alp CMi	0.40000	6500.0	87	20637	No
283	GOM_NL__2PRFIN20060209_192349_000000382045_00042_20637_8576.N1	09-FEB-2006 19:23:49	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20637	No
284	GOM_NL__2PRFIN20060209_192930_000000262045_00042_20637_8577.N1	09-FEB-2006 19:29:30	Bright	26.000	42	34Bet Aur	1.9000	10200.	52	20637	No
285	GOM_NL__2PRFIN20060209_194113_000000372045_00042_20637_8578.N1	09-FEB-2006 19:41:13	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	20637	No
286	GOM_NL__2PRFIN20060209_194753_000000372045_00042_20637_8579.N1	09-FEB-2006 19:47:53	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	20637	No
287	GOM_NL__2PRFIN20060209_195345_000000352045_00042_20637_8580.N1	09-FEB-2006 19:53:45	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	20637	No
288	GOM_NL__2PRFIN20060209_195604_000000352045_00042_20637_8581.N1	09-FEB-2006 19:56:04	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	20637	No
289	GOM_NL__2PRFIN20060209_200251_000000332045_00042_20637_8582.N1	09-FEB-2006 20:02:51	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	20637	No
290	GOM_NL__2PRFIN20060209_201412_000000432045_00042_20637_8583.N1	09-FEB-2006 20:14:12	Twilight	43.000	137	22Lam Sgr	2.8240	4400.0	86	20637	No
291	GOM_NL__2PRFIN20060209_201531_000000452045_00042_20637_8584.N1	09-FEB-2006 20:15:31	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	20637	No
292	GOM_NL__2PRFIN20060209_201640_000000422045_00042_20637_8585.N1	09-FEB-2006 20:16:40	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20637	No
293	GOM_NL__2PRFIN20060209_201833_000000392045_00042_20637_8586.N1	09-FEB-2006 20:18:33	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	20637	No
294	GOM_NL__2PRFIN20060209_201955_000000382045_00042_20637_8587.N1	09-FEB-2006 20:19:55	Dark	38.000	40	The Sco	1.8590	7100.0	76	20637	No
295	GOM_NL__2PRFIN20060209_202144_000000372045_00042_20637_8588.N1	09-FEB-2006 20:21:44	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20637	No
296	GOM_NL__2PRFIN20060209_202314_000000392045_00042_20637_8589.N1	09-FEB-2006 20:23:14	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20637	No
297	GOM_NL__2PRFIN20060209_202907_000000462045_00043_20638_8566.N1	09-FEB-2006 20:29:07	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	20638	No
298	GOM_NL__2PRFIN20060209_203023_000000412045_00043_20638_8567.N1	09-FEB-2006 20:30:23	Dark	41.000	10	Bet Cen	0.61000	28000.	82	20638	No
299	GOM_NL__2PRFIN20060209_203337_000000412045_00043_20638_8568.N1	09-FEB-2006 20:33:37	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	20638	No
300	GOM_NL__2PRFIN20060209_203629_000000392045_00043_20638_8569.N1	09-FEB-2006 20:36:29	Dark	39.000	29	Bet Car	1.6720	10200.	78	20638	No
301	GOM_NL__2PRFIN20060209_203901_000000402045_00043_20638_8570.N1	09-FEB-2006 20:39:01	Dark	40.000	71	lot Car	2.2460	7700.0	80	20638	No
302	GOM_NL__2PRFIN20060209_204042_000000422045_00043_20638_8571.N1	09-FEB-2006 20:40:42	Dark	42.000	46	Del Vel	1.9540	10600.	84	20638	No
303	GOM_NL__2PRFIN20060209_204308_000000372045_00043_20638_8572.N1	09-FEB-2006 20:43:08	Straylight	37.000	34	Gam2Vel	1.7930	23000.	74	20638	No
304	GOM_NL__2PRFIN20060209_204512_000000412045_00043_20638_8573.N1	09-FEB-2006 20:45:12	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	20638	No
305	GOM_NL__2PRFIN20060209_204834_000000392045_00043_20638_8574.N1	09-FEB-2006 20:48:34	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	20638	No
306	GOM_NL__2PRFIN20060209_205801_000000422045_00043_20638_8575.N1	09-FEB-2006 20:58:01	Twl_and_stray	42.000	8	10Alp CMi	0.40000	6500.0	84	20638	No
307	GOM_NL__2PRFIN20060209_210425_000000392045_00043_20638_8576.N1	09-FEB-2006 21:04:25	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20638	No
308	GOM_NL__2PRFIN20060209_212149_000000352045_00043_20638_8577.N1	09-FEB-2006 21:21:49	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20638	No
309	GOM_NL__2PRFIN20060209_212829_000000362045_00043_20638_8578.N1	09-FEB-2006 21:28:29	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20638	No
310	GOM_NL__2PRFIN20060209_213421_000000352045_00043_20638_8579.N1	09-FEB-2006 21:34:21	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	20638	No
311	GOM_NL__2PRFIN20060209_213640_000000382045_00043_20638_8580.N1	09-FEB-2006 21:36:40	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	20638	No
312	GOM_NL__2PRFIN20060209_214327_000000332045_00043_20638_8581.N1	09-FEB-2006 21:43:27	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	20638	No
313	GOM_NL__2PRFIN20060209_215448_000000442045_00043_20638_8582.N1	09-FEB-2006 21:54:48	Twilight	44.000	137	22Lam Sgr	2.8240	4400.0	88	20638	No
314	GOM_NL__2PRFIN20060209_215607_000000422045_00043_20638_8583.N1	09-FEB-2006 21:56:07	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	20638	No
315	GOM_NL__2PRFIN20060209_215716_000000412045_00043_20638_8584.N1	09-FEB-2006 21:57:16	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20638	No
316	GOM_NL__2PRFIN20060209_215909_000000412045_00043_20638_8585.N1	09-FEB-2006 21:59:09	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	20638	No
317	GOM_NL__2PRFIN20060209_220031_000000422045_00043_20638_8586.N1	09-FEB-2006 22:00:31	Dark	41.500	40	The Sco	1.8590	7100.0	83	20638	No
318	GOM_NL__2PRFIN20060209_220220_000000372045_00043_20638_8587.N1	09-FEB-2006 22:02:20	Dark	36.500	147	Alp Ara	2.8770	26000.	73	20638	No
319	GOM_NL__2PRFIN20060209_220350_000000422045_00043_20638_8588.N1	09-FEB-2006 22:03:50	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	20638	No
320	GOM_NL__2PRFIN20060209_220943_000000422045_00044_20639_8566.N1	09-FEB-2006 22:09:43	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20639	No
321	GOM_NL__2PRFIN20060209_221100_000000432045_00044_20639_8567.N1	09-FEB-2006 22:11:00	Dark	42.500	10	Bet Cen	0.61000	28000.	85	20639	No
322	GOM_NL__2PRFIN20060209_221413_000000422045_00044_20639_8568.N1	09-FEB-2006 22:14:13	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	20639	No
323	GOM_NL__2PRFIN20060209_221705_000000422045_00044_20639_8569.N1	09-FEB-2006 22:17:05	Dark	42.000	29	Bet Car	1.6720	10200.	84	20639	No
324	GOM_NL__2PRFIN20060209_221937_000000372045_00044_20639_8570.N1	09-FEB-2006 22:19:37	Dark	37.000	71	lot Car	2.2460	7700.0	74	20639	No
325	GOM_NL__2PRFIN20060209_222118_000000372045_00044_20639_8571.N1	09-FEB-2006 22:21:18	Dark	36.500	46	Del Vel	1.9540	10600.	73	20639	No
326	GOM_NL__2PRFIN20060209_222344_000000402045_00044_20639_8572.N1	09-FEB-2006 22:23:44	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	20639	No
327	GOM_NL__2PRFIN20060209_222548_000000392045_00044_20639_8573.N1	09-FEB-2006 22:25:48	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	20639	No
328	GOM_NL__2PRFIN20060209_222910_000000412045_00044_20639_8574.N1	09-FEB-2006 22:29:10	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	20639	No
329	GOM_NL__2PRFIN20060209_223837_000000472045_00044_20639_8575.N1	09-FEB-2006 22:38:37	Twl_and_stray	46.500	8	10Alp CMi	0.40000	6500.0	93	20639	No
330	GOM_NL__2PRFIN20060209_224501_000000392045_00044_20639_8576.N1	09-FEB-2006 22:45:01	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20639	No
331	GOM_NL__2PRFIN20060209_230225_000000352045_00044_20639_8577.N1	09-FEB-2006 23:02:25	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20639	No
332	GOM_NL__2PRFIN20060209_230905_000000372045_00044_20639_8578.N1	09-FEB-2006 23:09:05	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20639	No
333	GOM_NL__2PRFIN20060209_231457_000000342045_00044_20639_8579.N1	09-FEB-2006 23:14:57	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	20639	No
334	GOM_NL__2PRFIN20060209_231716_000000372045_00044_20639_8580.N1	09-FEB-2006 23:17:16	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	20639	No
335	GOM_NL__2PRFIN20060209_232403_000000342045_00044_20639_8581.N1	09-FEB-2006 23:24:03	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	20639	No
336	GOM_NL__2PRFIN20060209_233524_000000402045_00044_20639_8582.N1	09-FEB-2006 23:35:24	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	20639	No
337	GOM_NL__2PRFIN20060209_233643_000000422045_00044_20639_8583.N1	09-FEB-2006 23:36:43	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	20639	No

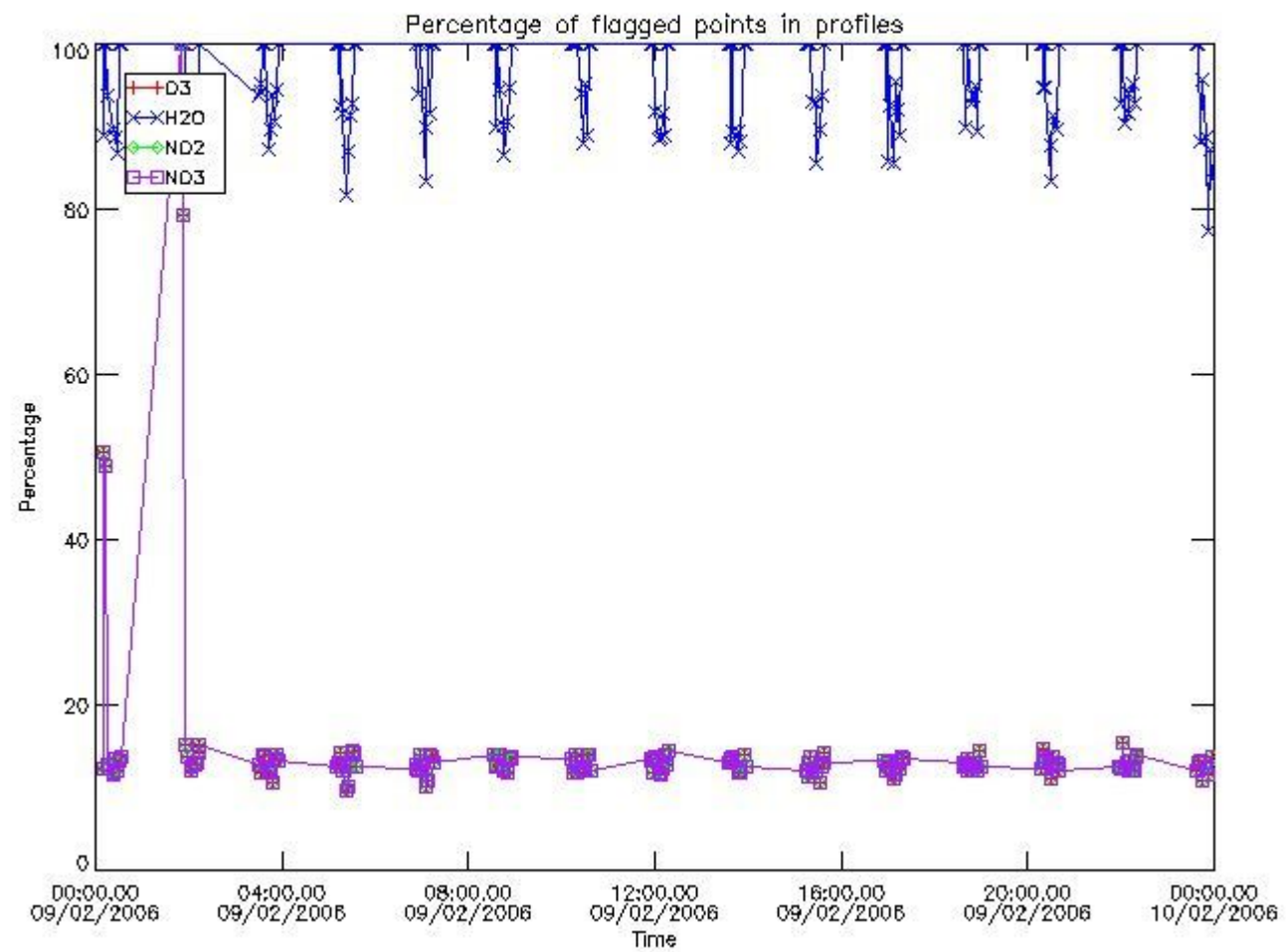


338	GOM_NL__2PRFIN20060209_233753_000000422045_00044_20639_8584.N1	09-FEB-2006 23:37:53	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20639	No
339	GOM_NL__2PRFIN20060209_233946_000000402045_00044_20639_8585.N1	09-FEB-2006 23:39:46	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	20639	No
340	GOM_NL__2PRFIN20060209_234107_000000432045_00044_20639_8586.N1	09-FEB-2006 23:41:07	Dark	42.500	40	The Sco	1.8590	7100.0	85	20639	No
341	GOM_NL__2PRFIN20060209_234426_000000472045_00044_20639_8587.N1	09-FEB-2006 23:44:26	Dark	47.000	141	Bet Ara	2.8400	4600.0	94	20639	No
342	GOM_NL__2PRFIN20060209_235019_000000452045_00045_20640_8566.N1	09-FEB-2006 23:50:19	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	20640	No
343	GOM_NL__2PRFIN20060209_235136_000000452045_00045_20640_8567.N1	09-FEB-2006 23:51:36	Dark	44.500	10	Bet Cen	0.61000	28000.	89	20640	No
344	GOM_NL__2PRFIN20060209_235450_000000402045_00045_20640_8568.N1	09-FEB-2006 23:54:50	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20640	No
345	GOM_NL__2PRFIN20060209_235742_000000372045_00045_20640_8569.N1	09-FEB-2006 23:57:42	Dark	37.000	29	Bet Car	1.6720	10200.	74	20640	No

### 3. Quality information per product

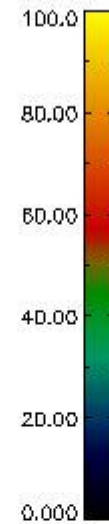
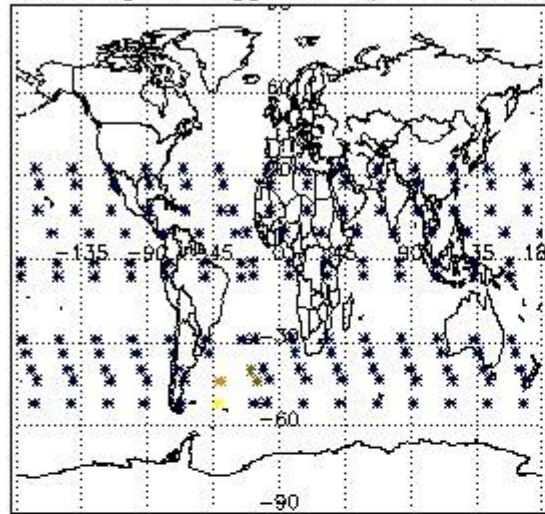
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

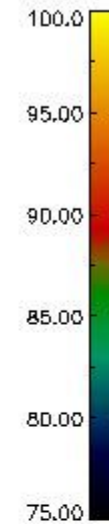
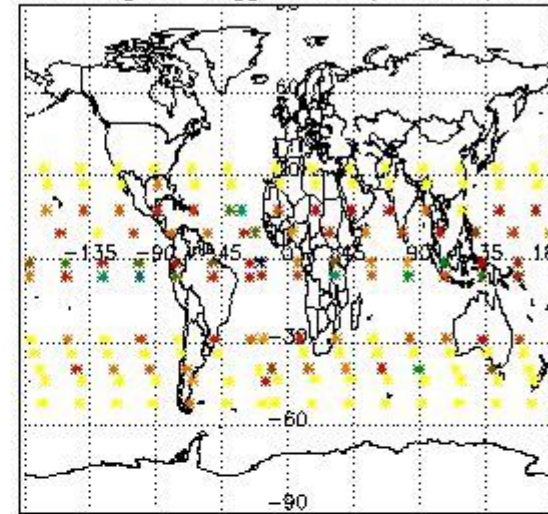


#### 3.2 Plot quality information per product (world map)

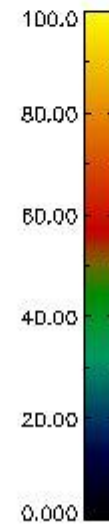
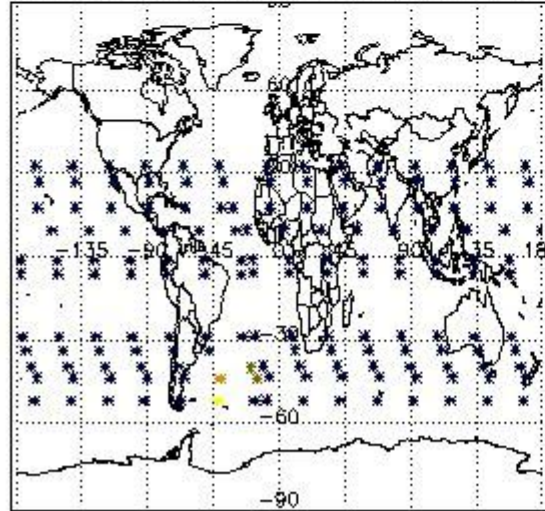
Percentage of flagged data per O3 profile



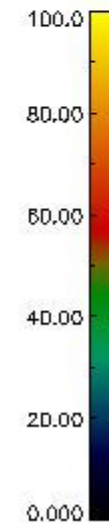
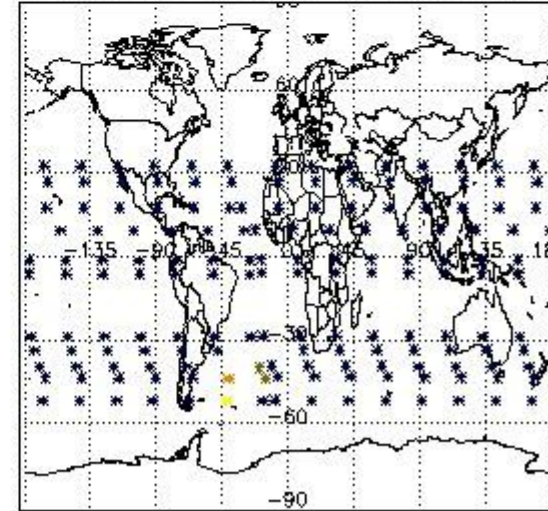
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

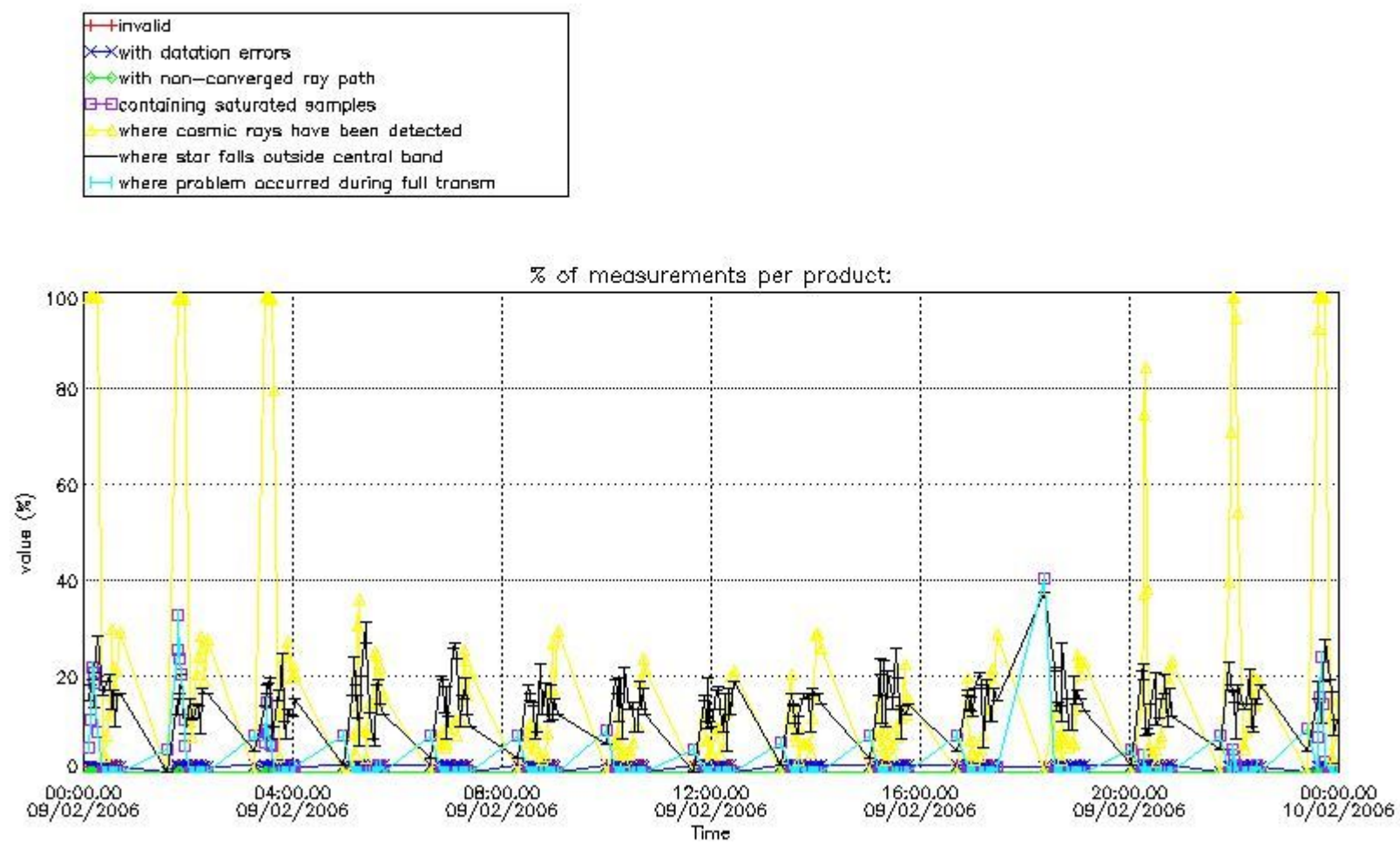


#### 4. Level 1 quality information per product

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

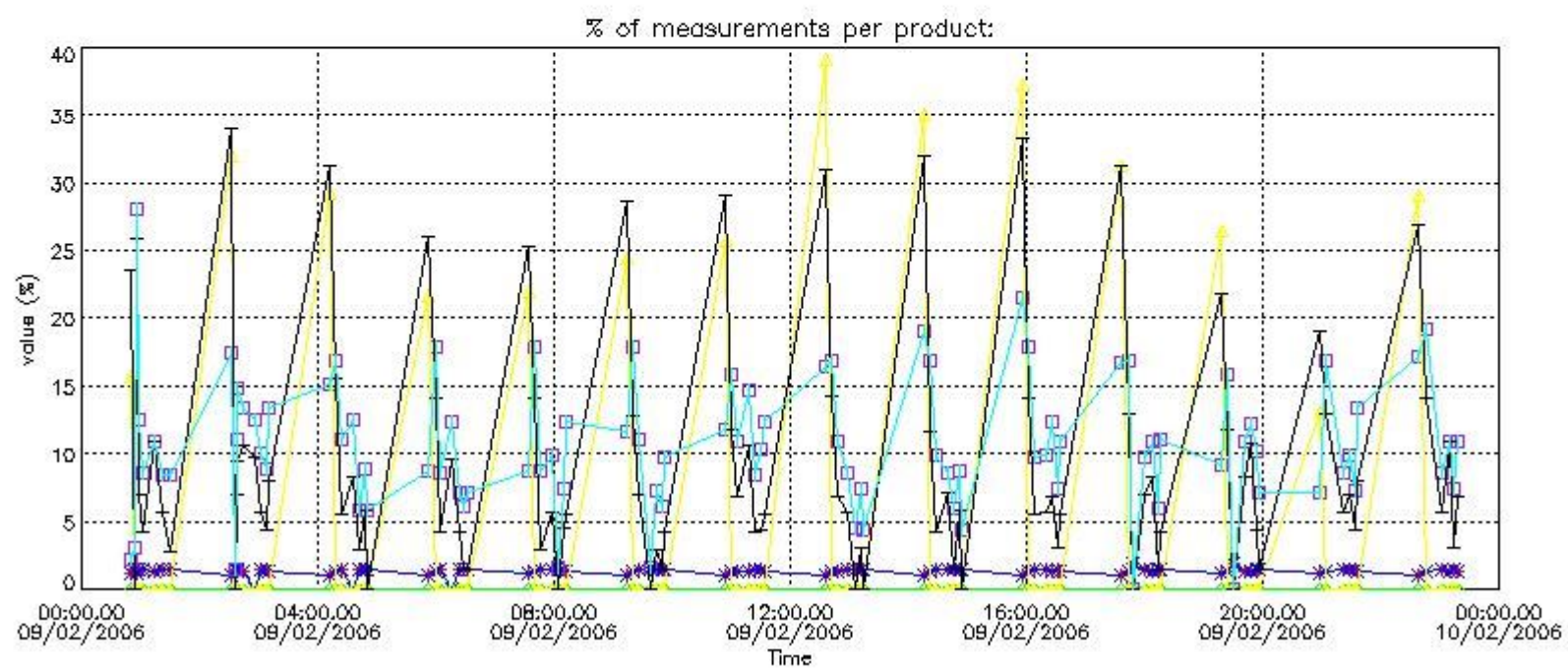
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



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



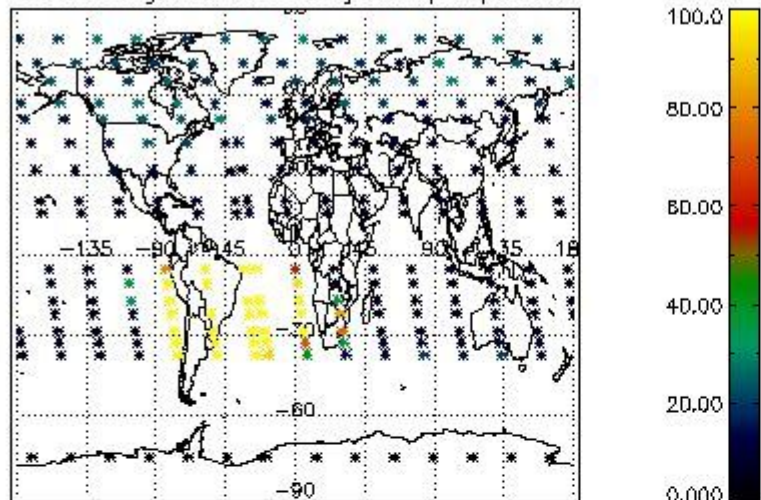


4.2 Plot quality information per product coming from level 1b processing (world map)

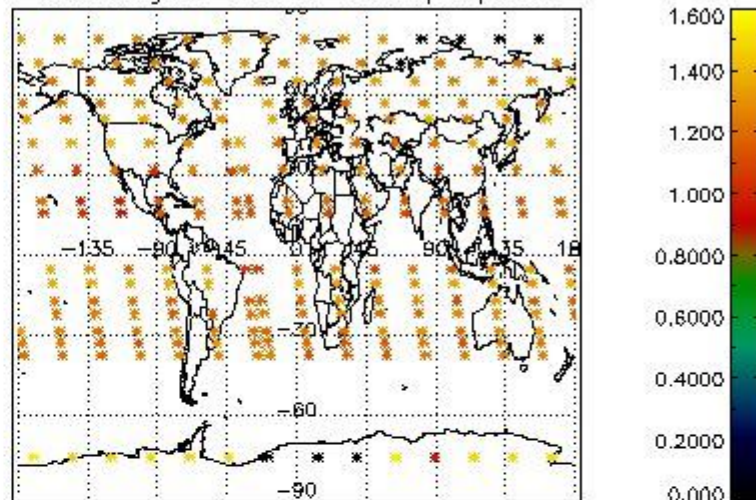
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



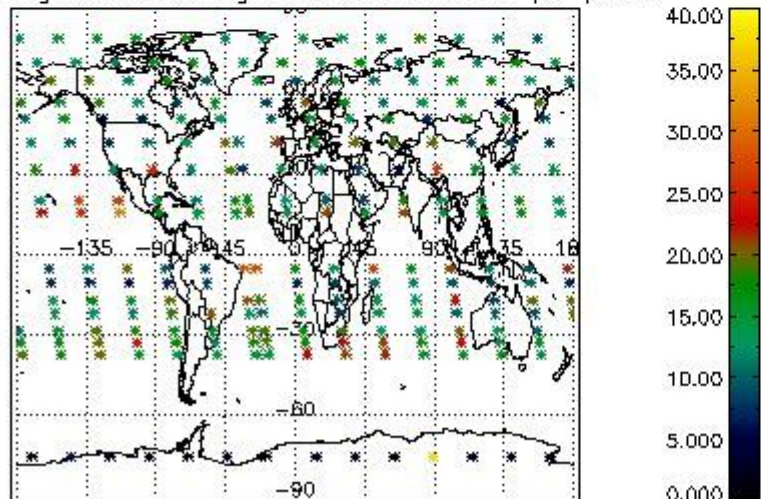
Percentage of cosmic ray hits per profile



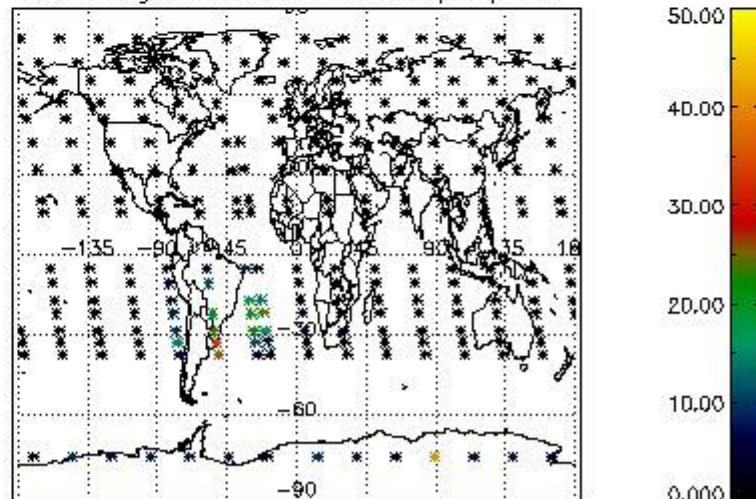
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



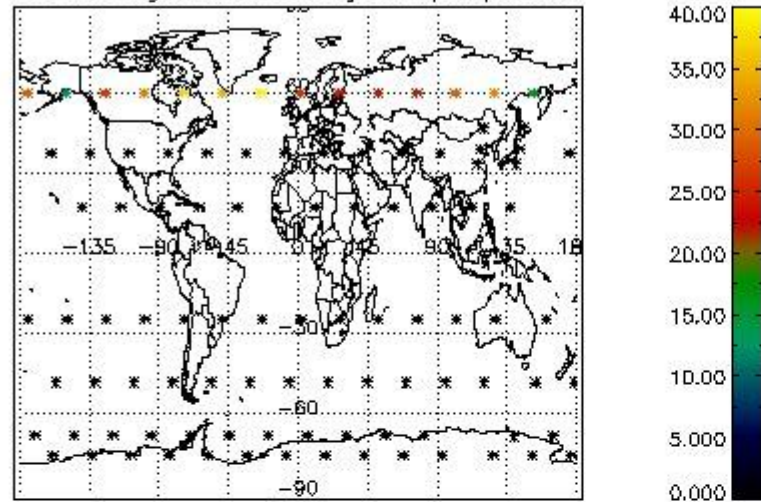
Percentage of saturation errors per profile



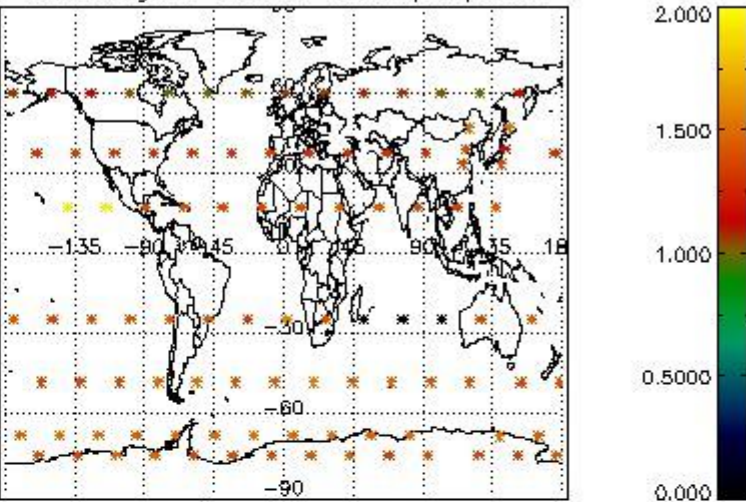
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



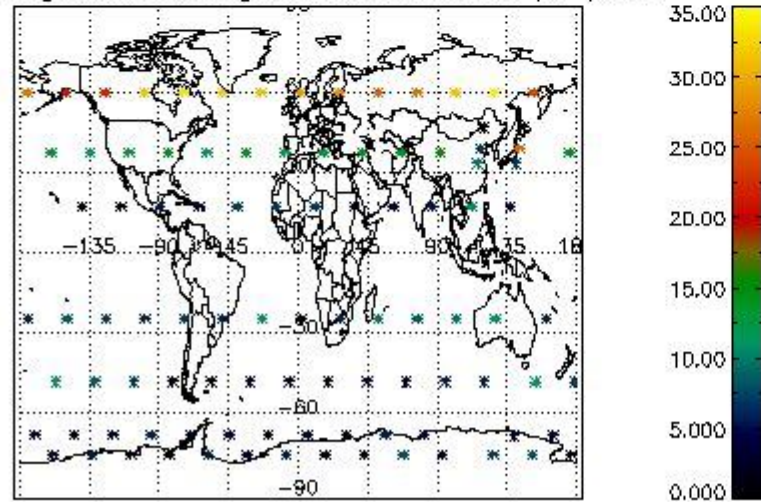
Percentage of cosmic ray hits per profile



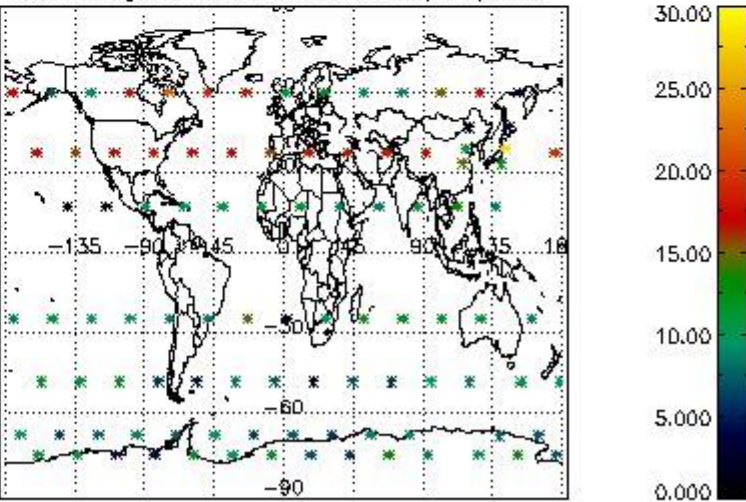
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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

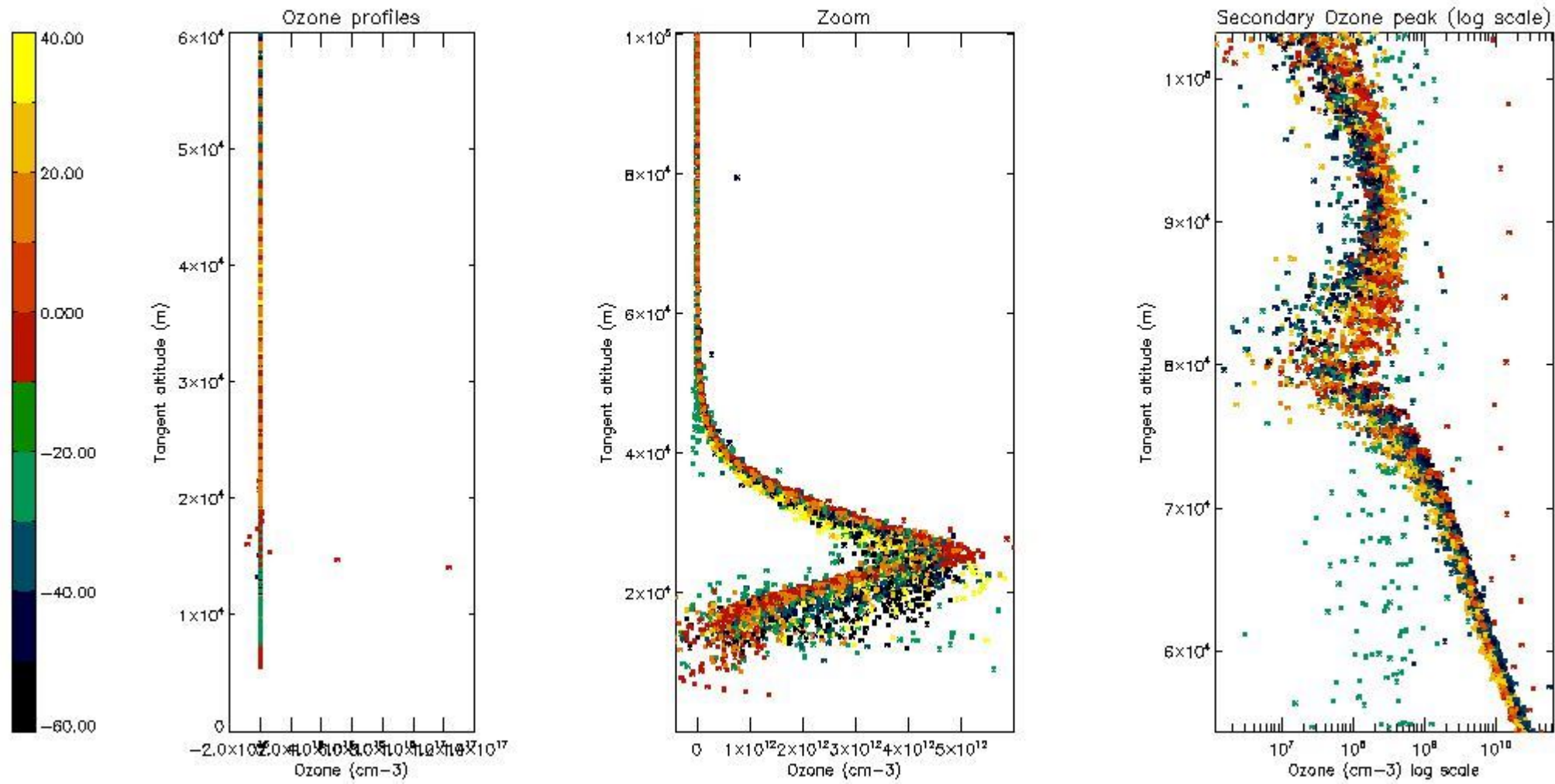
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	29

STD < 10	24
STD < 5	17

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

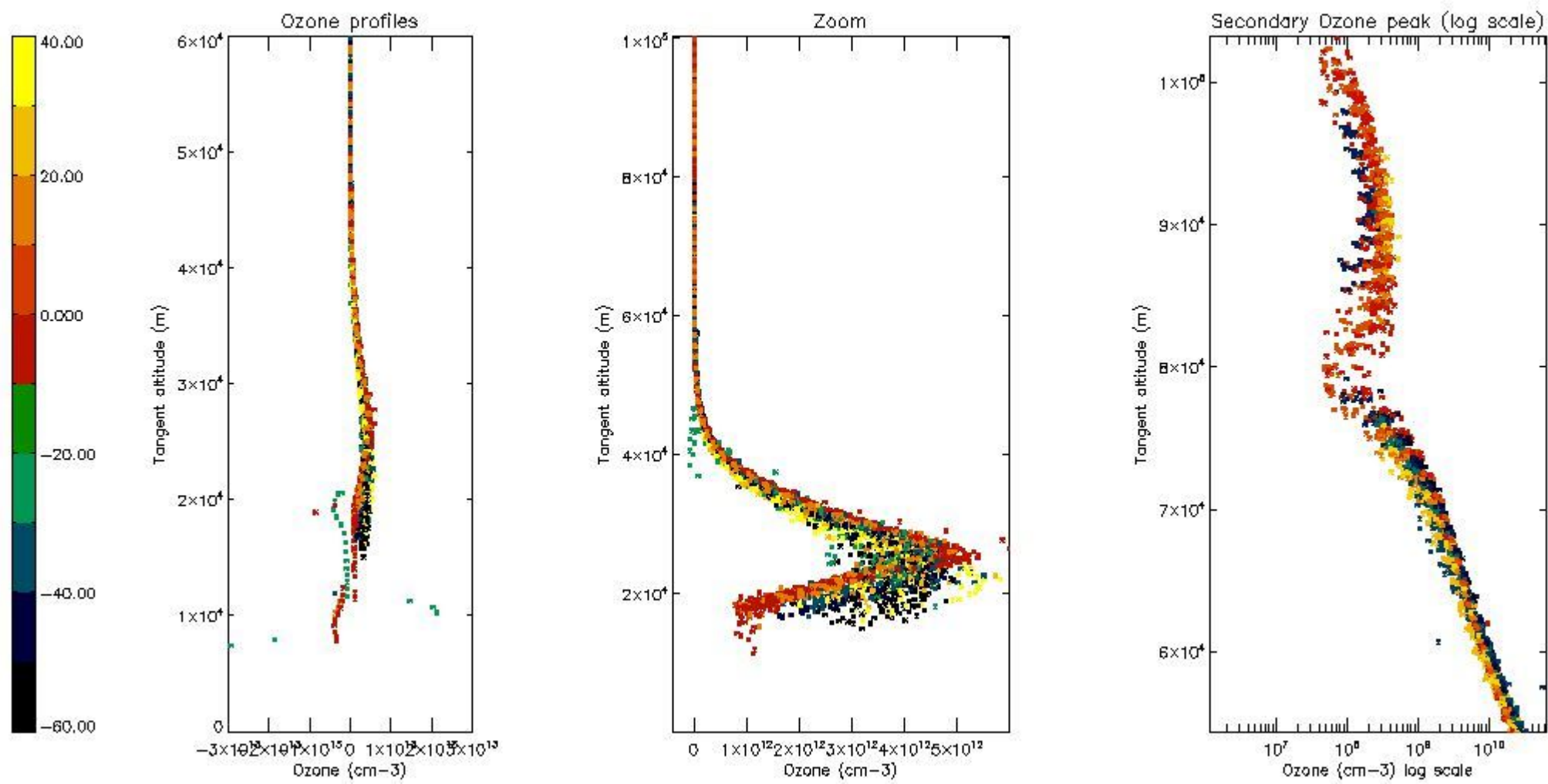
The colorbar represents the latitude.



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

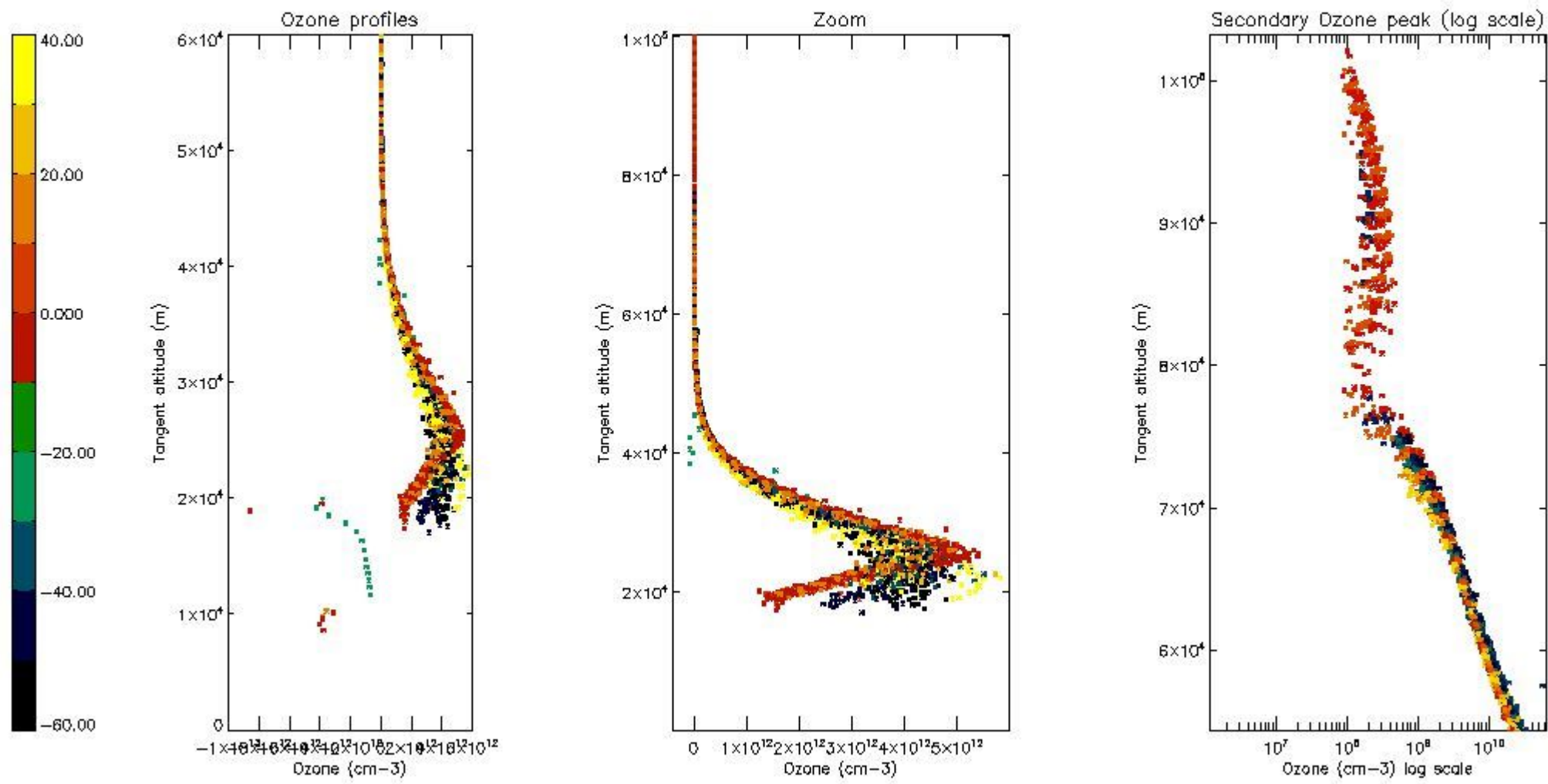
The colorbar represents the latitude.





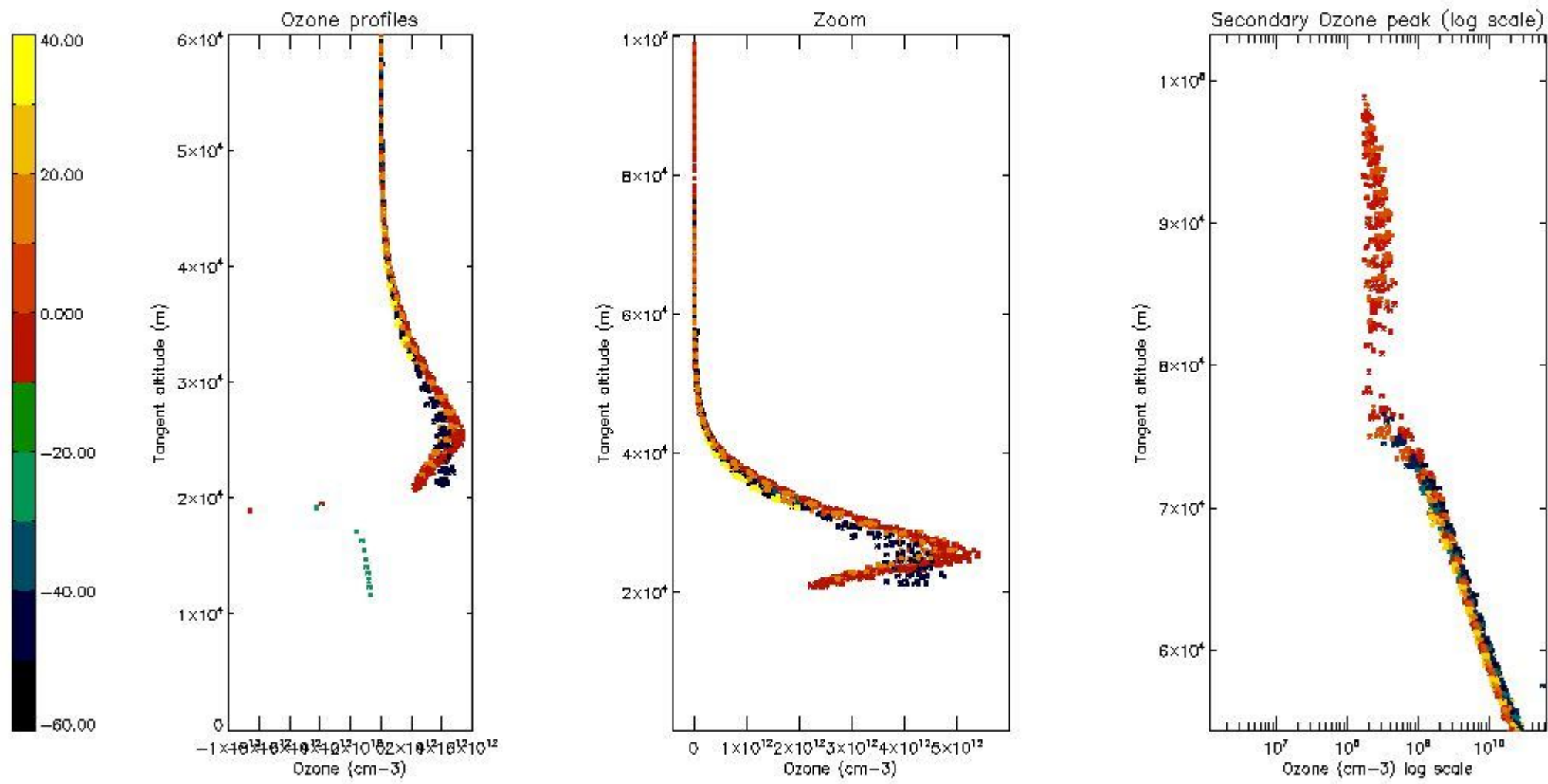
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

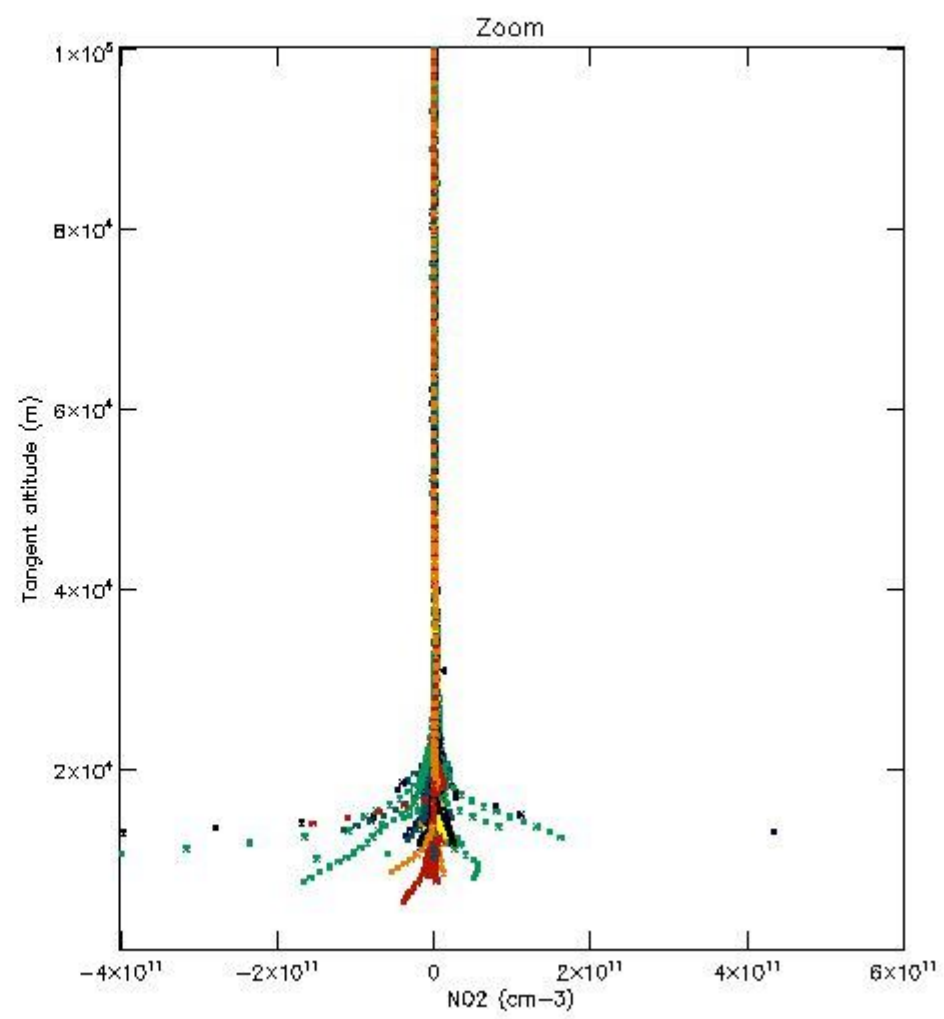
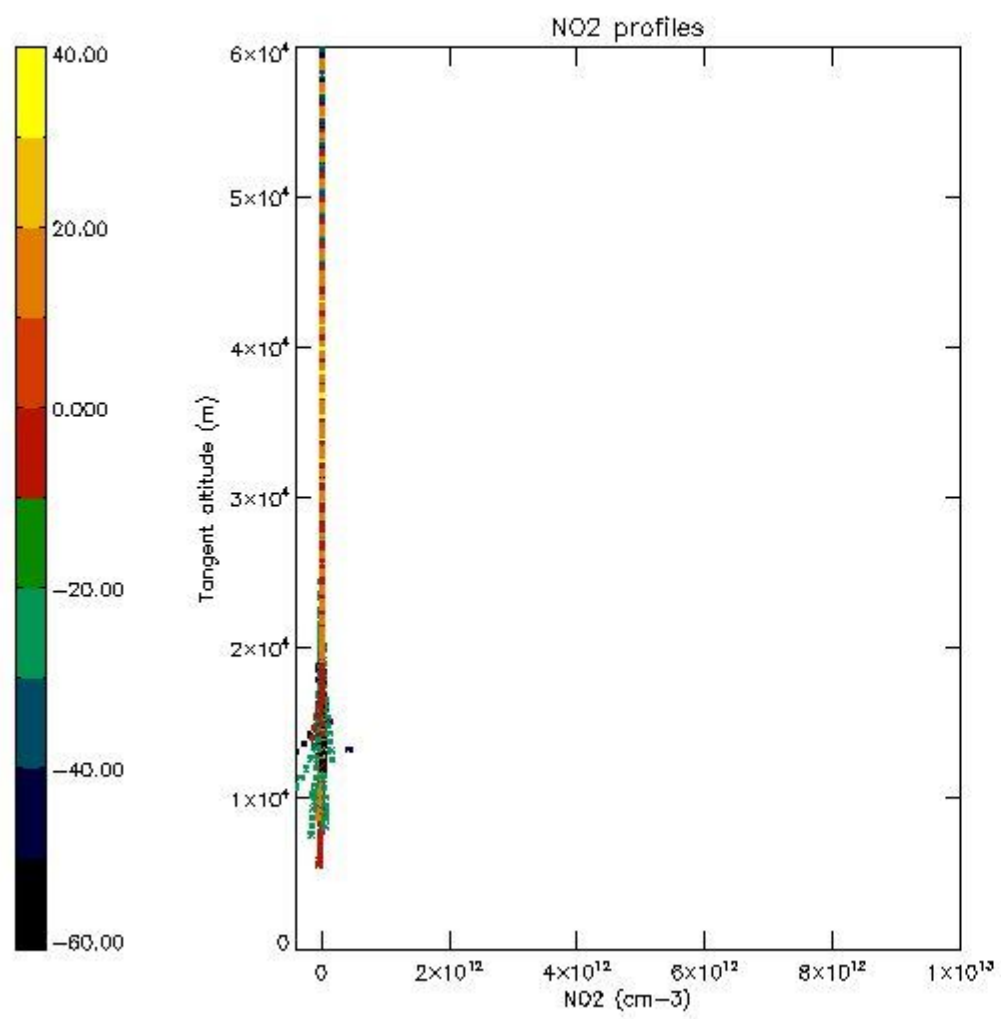
The colorbar represents the latitude.



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

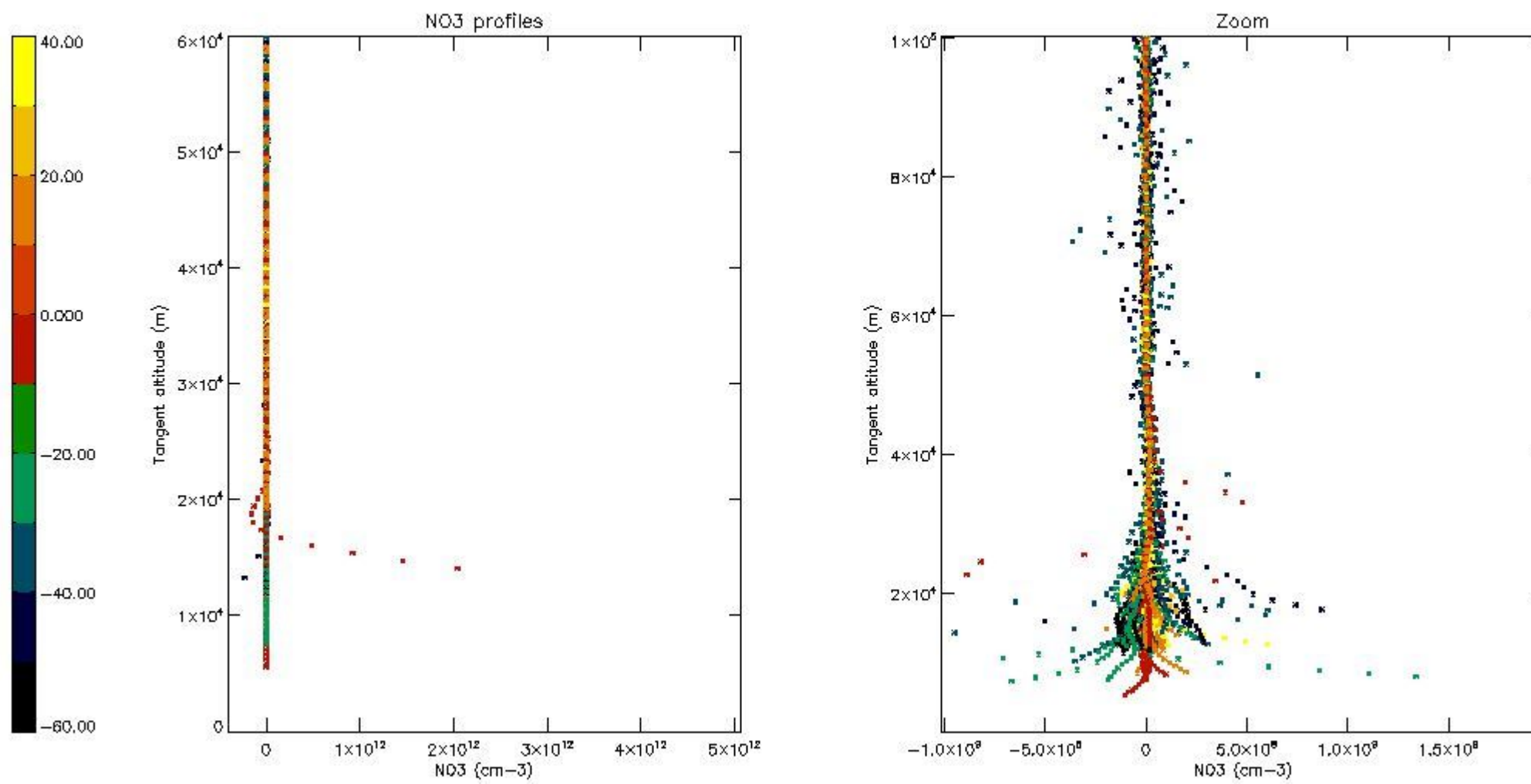
The colorbar represents the latitude.





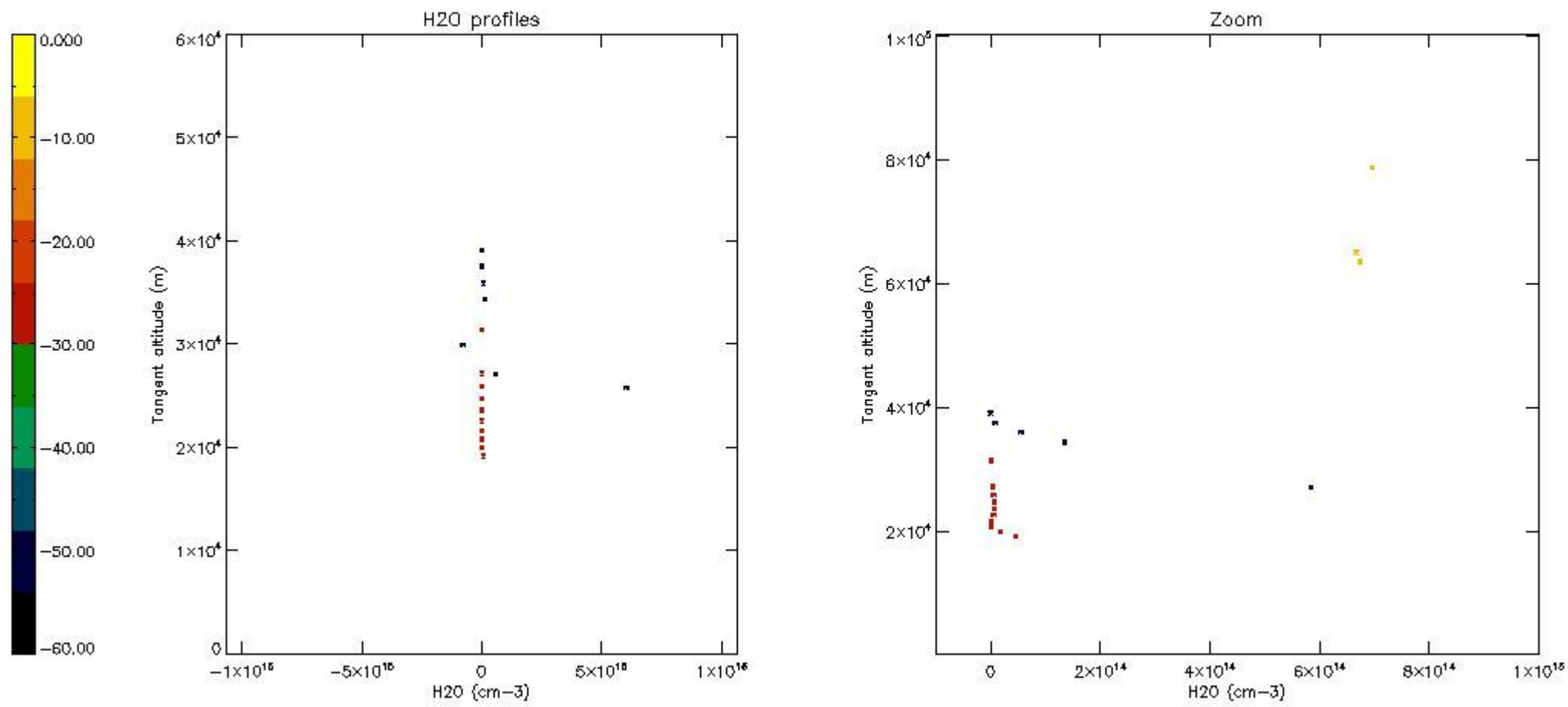
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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.

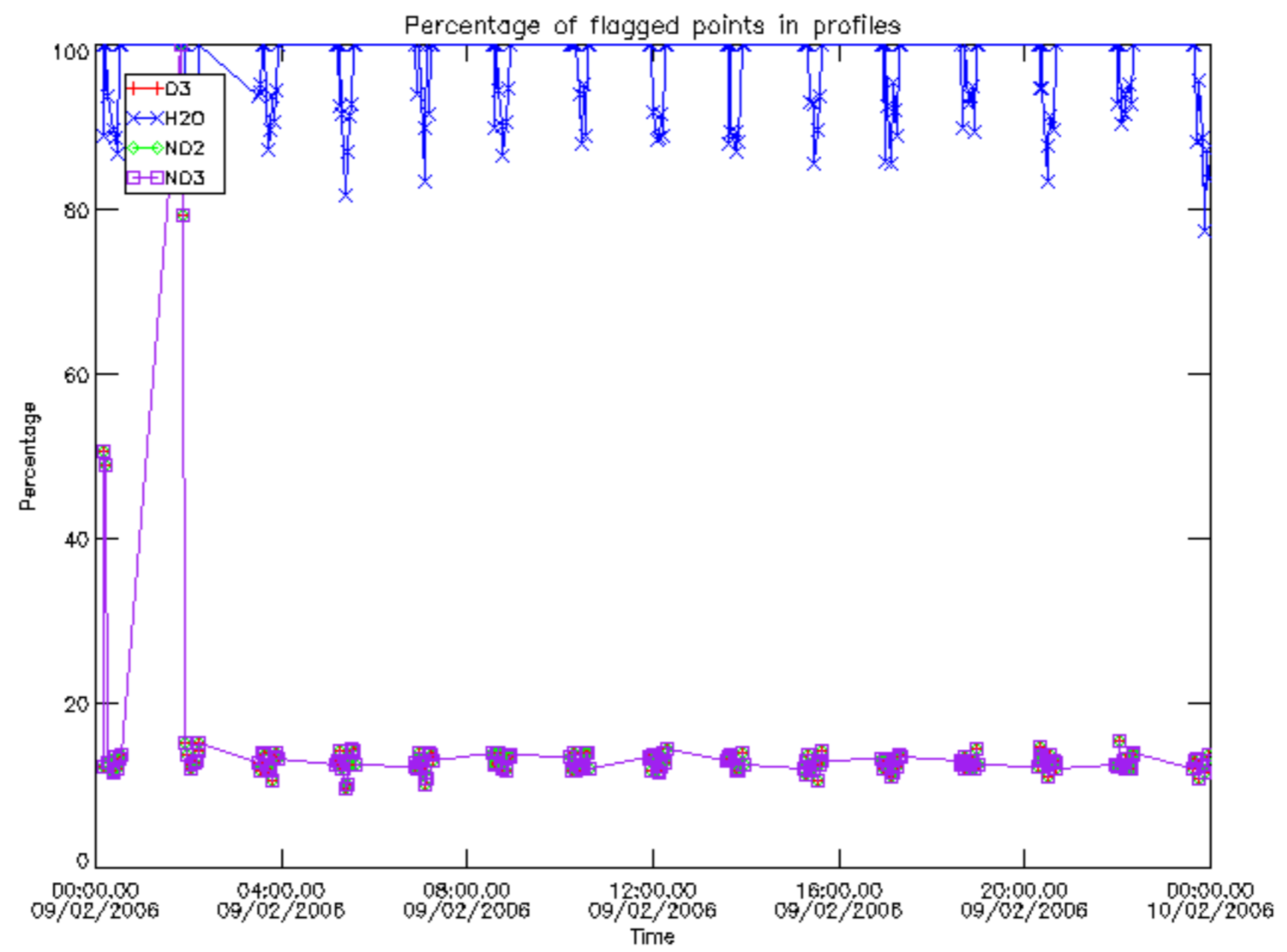


## 6. Auxiliary Data Files used for the production reported in section 2

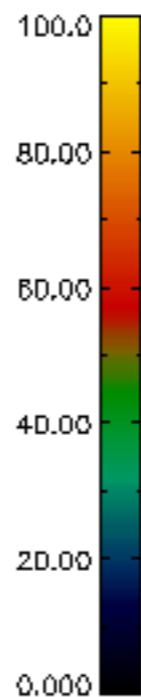
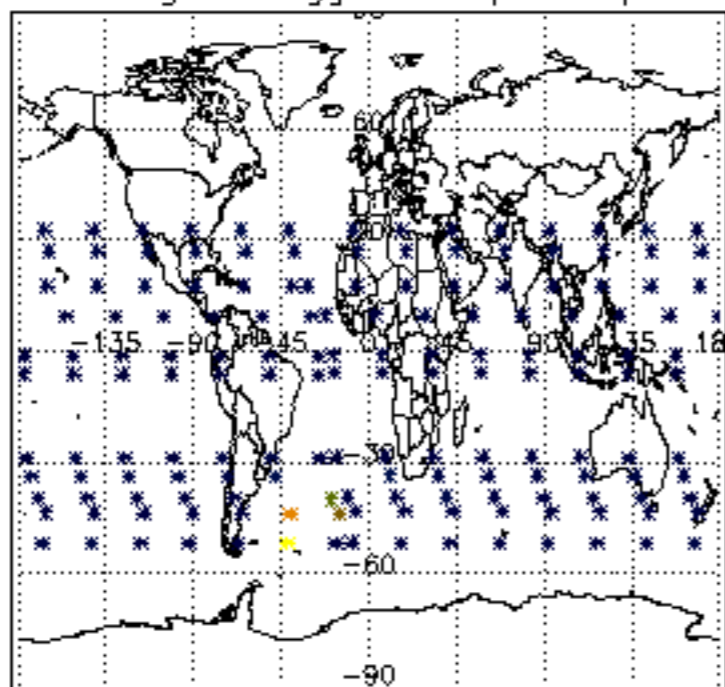
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-FEB-2006 00:06:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-FEB-2006 00:06:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-FEB-2006 00:06:57

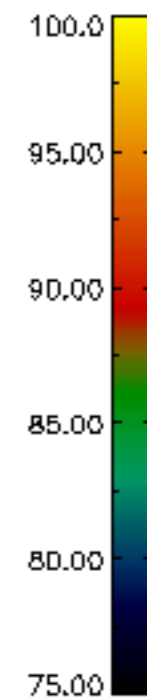
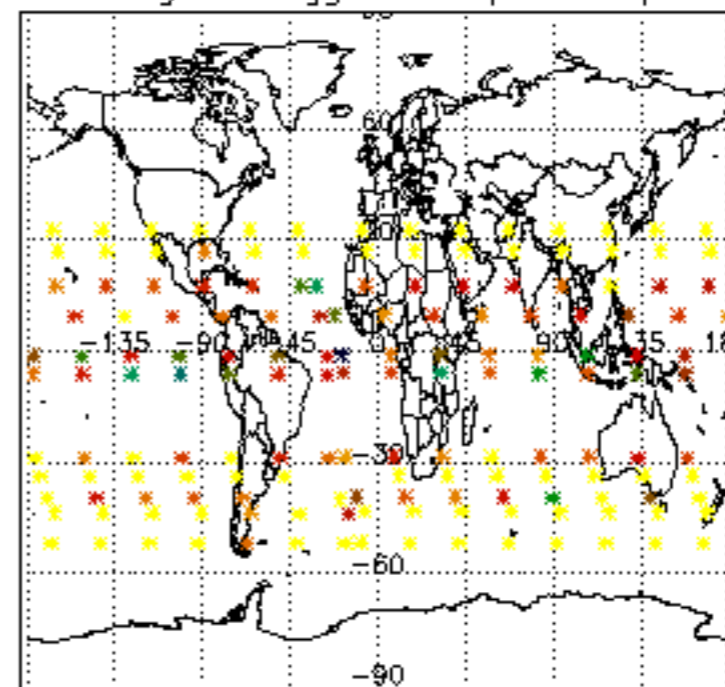




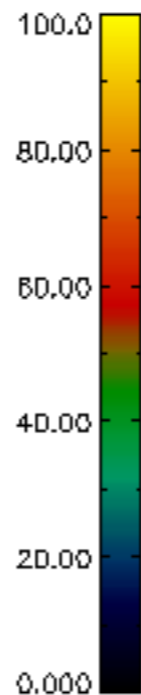
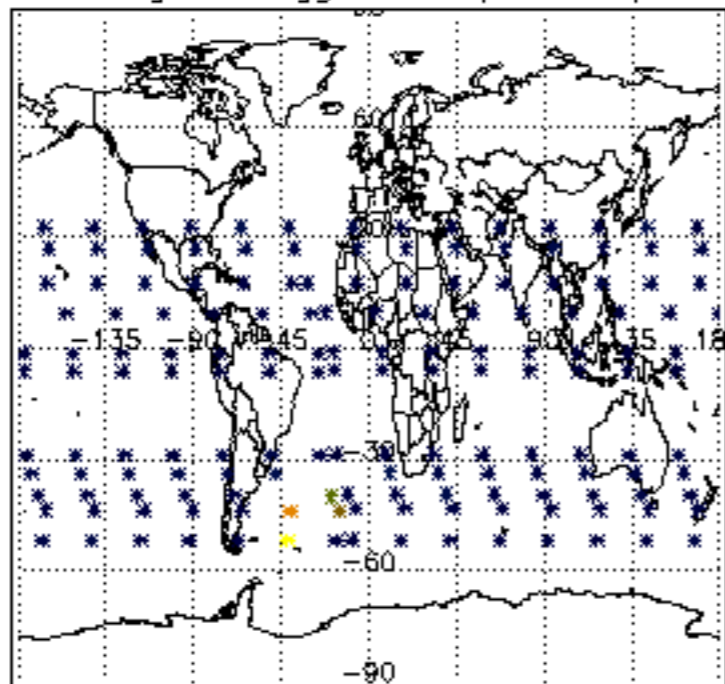
Percentage of flagged data per D3 profile



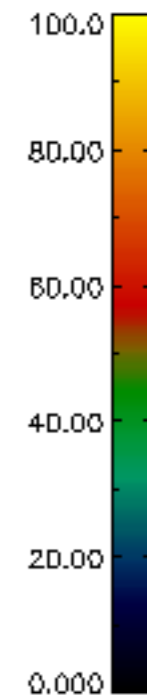
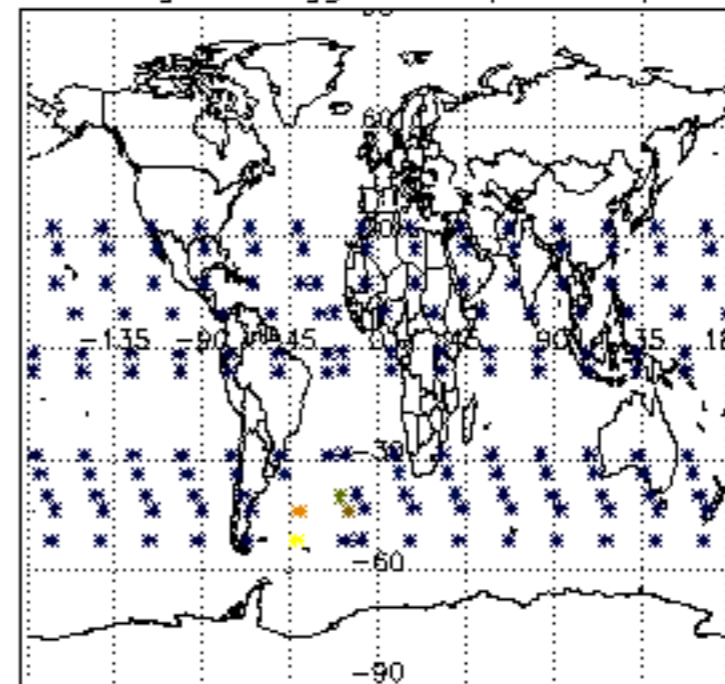
Percentage of flagged data per H2O profile

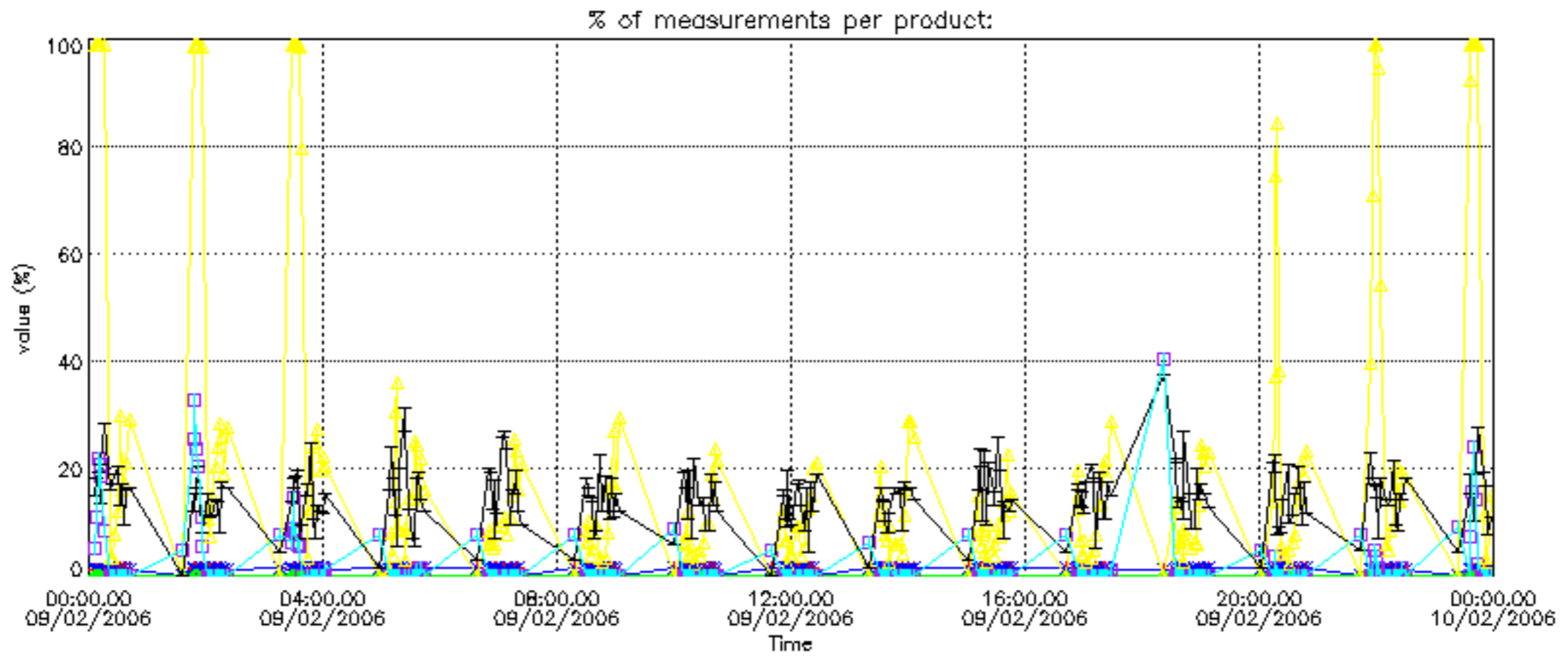


Percentage of flagged data per NO2 profile

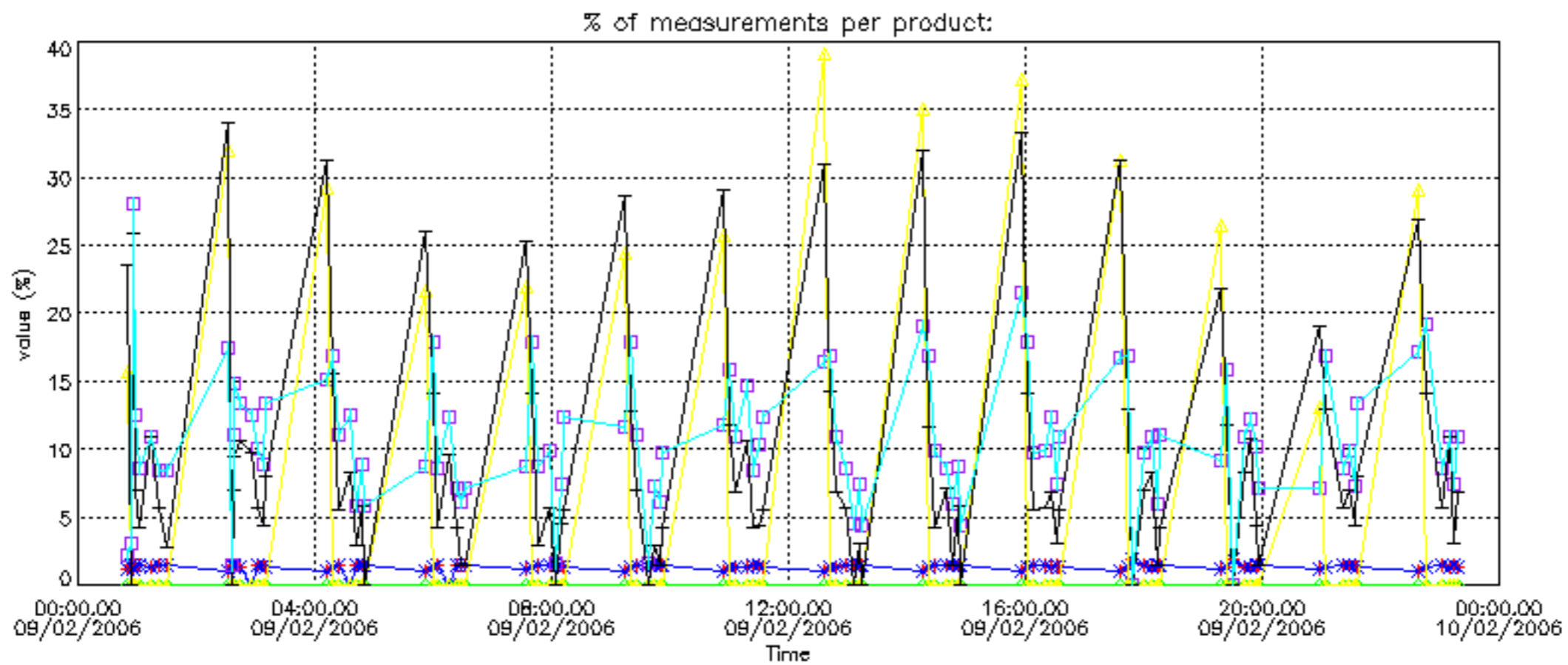


Percentage of flagged data per NO3 profile

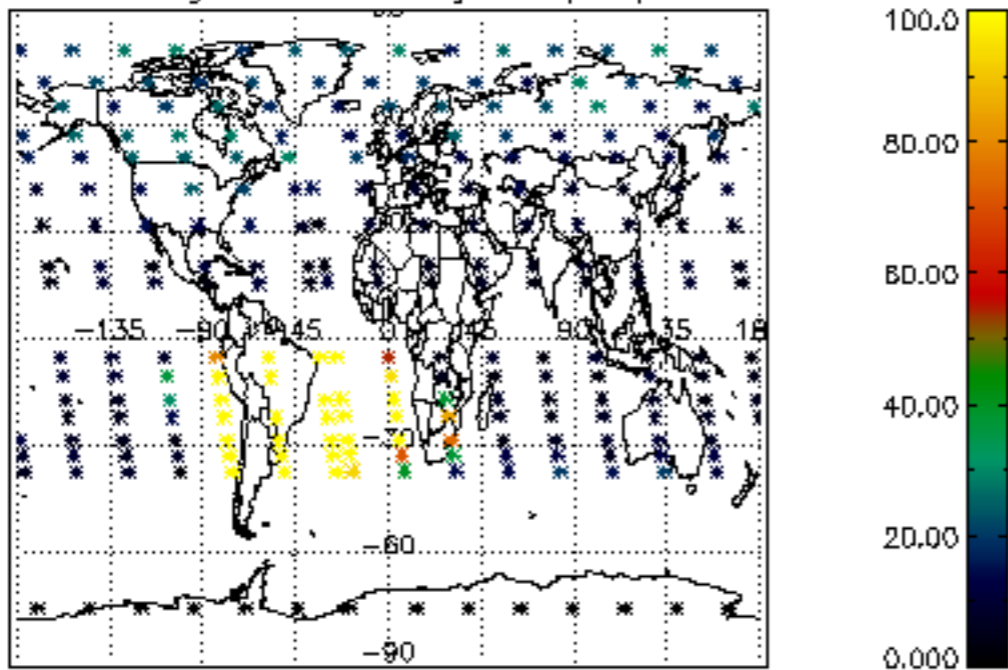




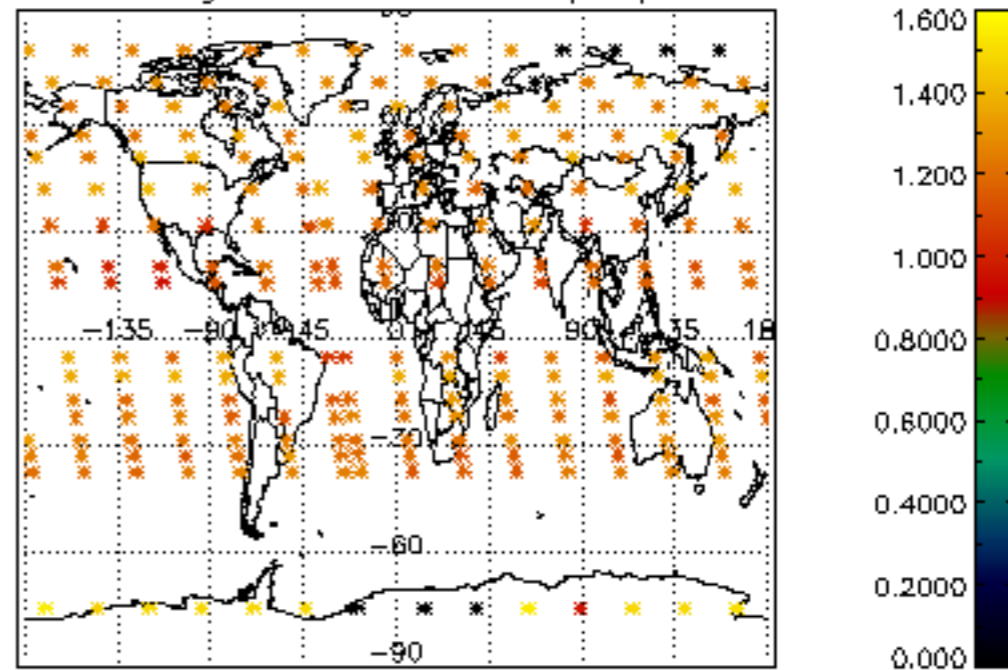




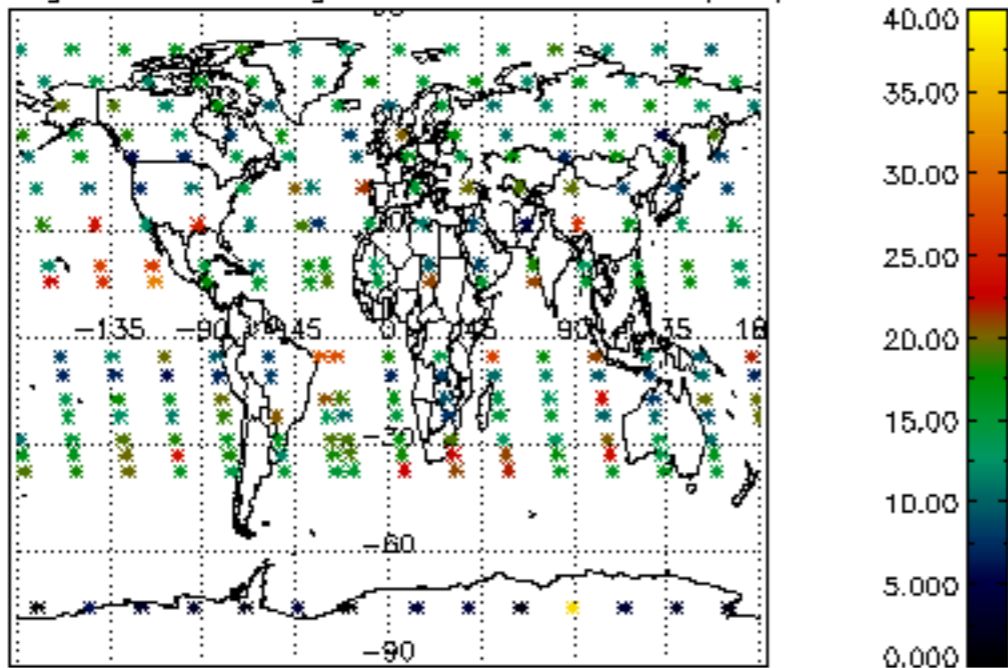
Percentage of cosmic ray hits per profile



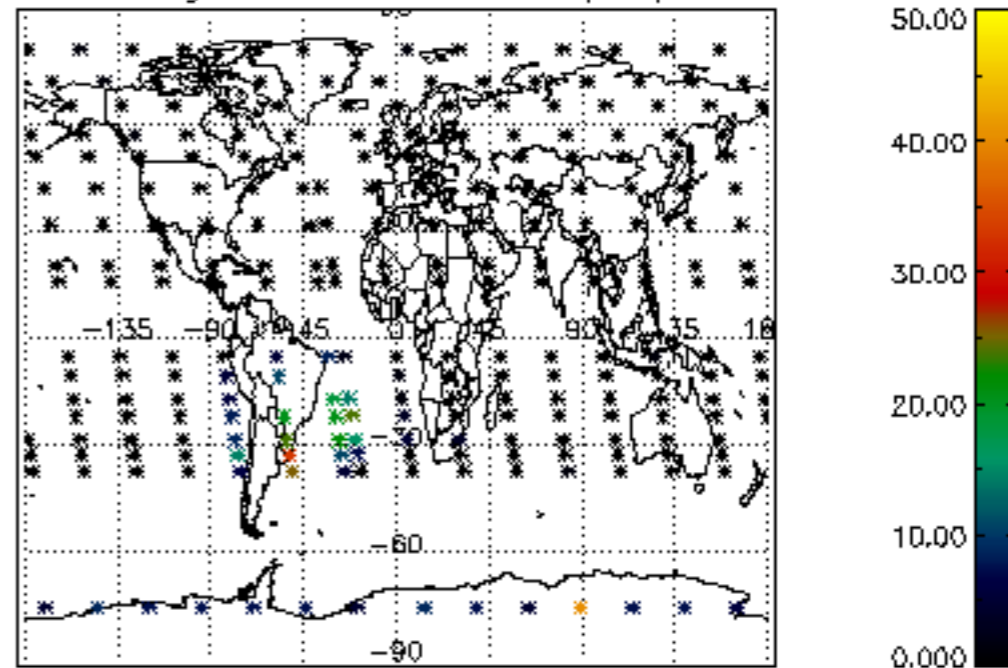
Percentage of datation errors per profile



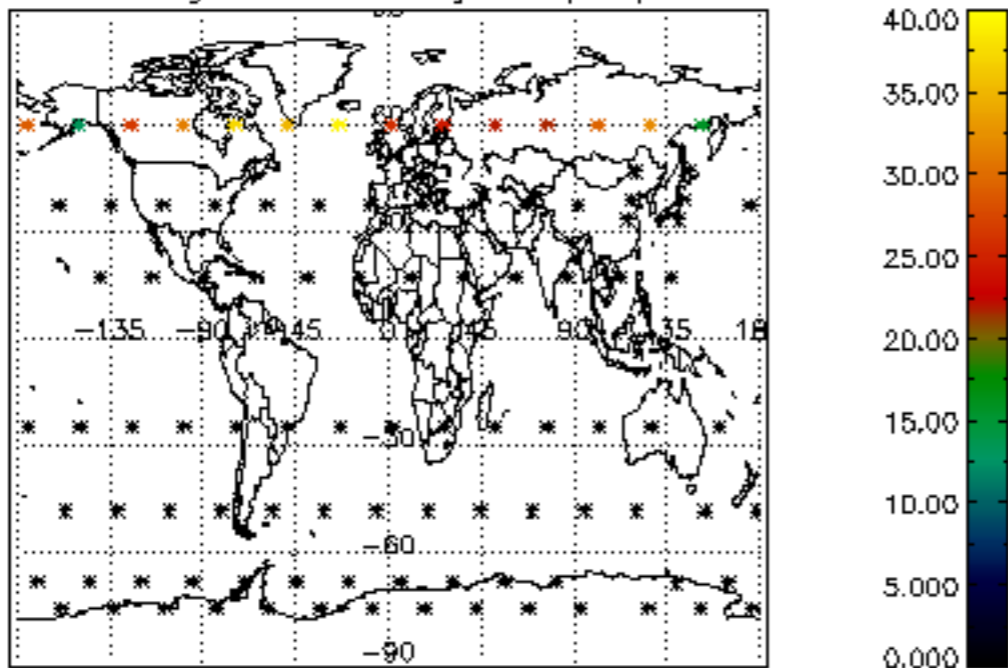
Percentage of star falling outside central band per profile



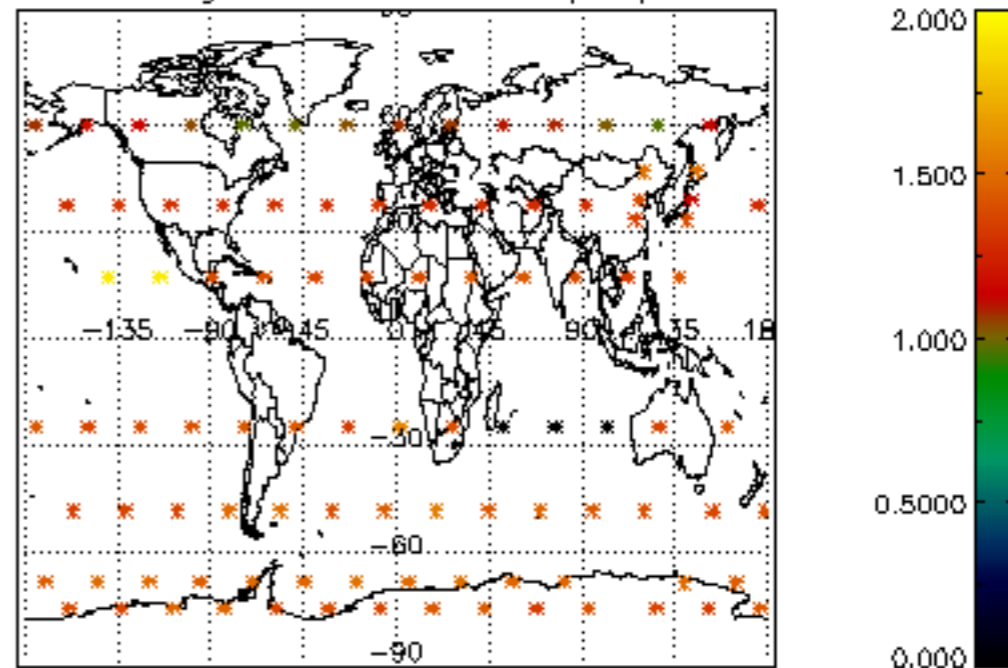
Percentage of saturation errors per profile



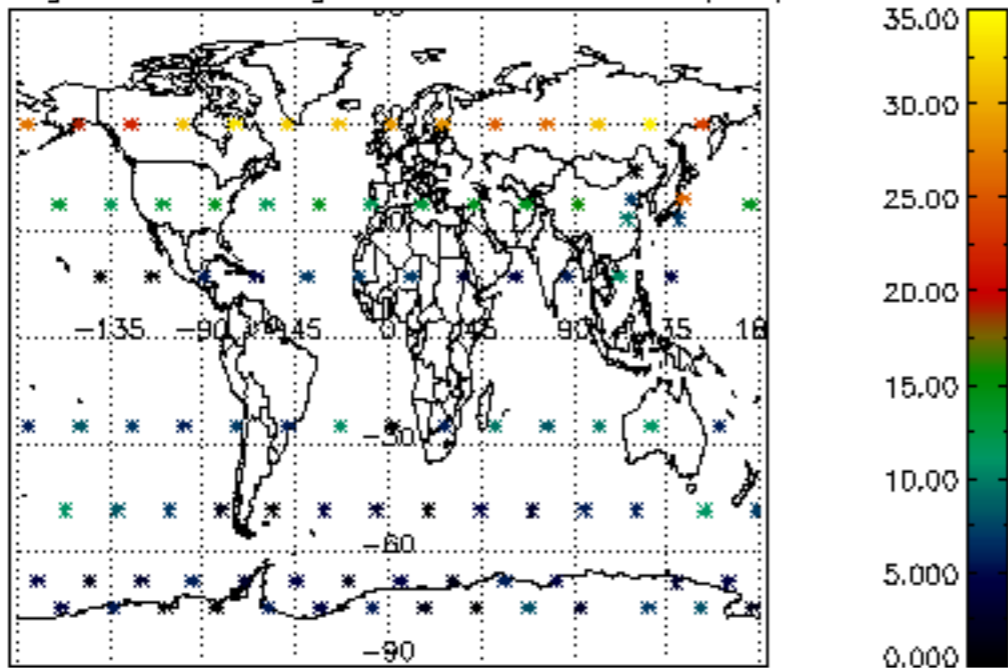
Percentage of cosmic ray hits per profile



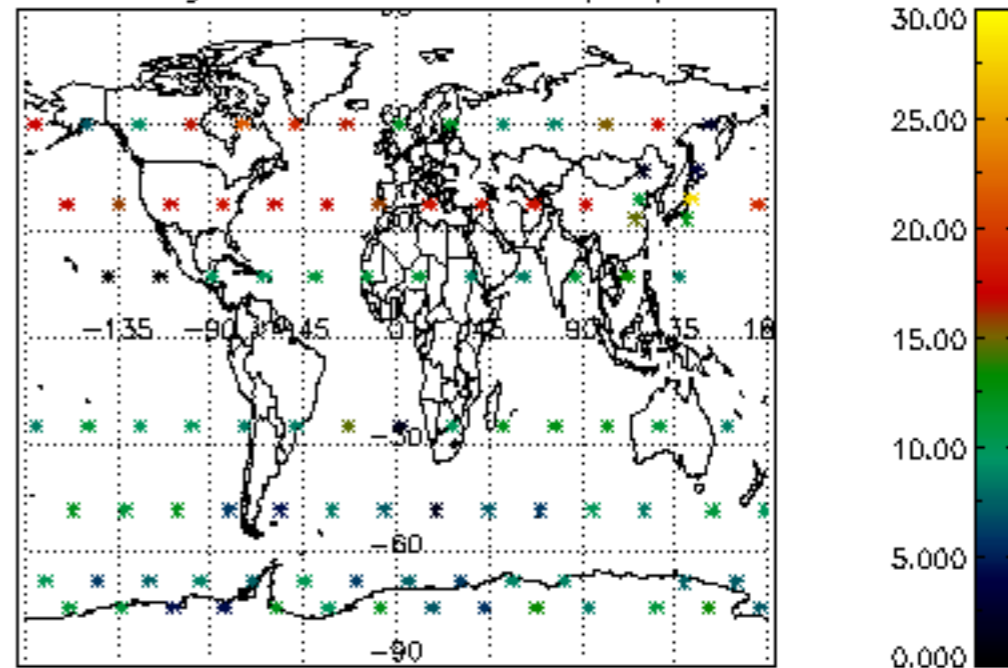
Percentage of datation errors per profile



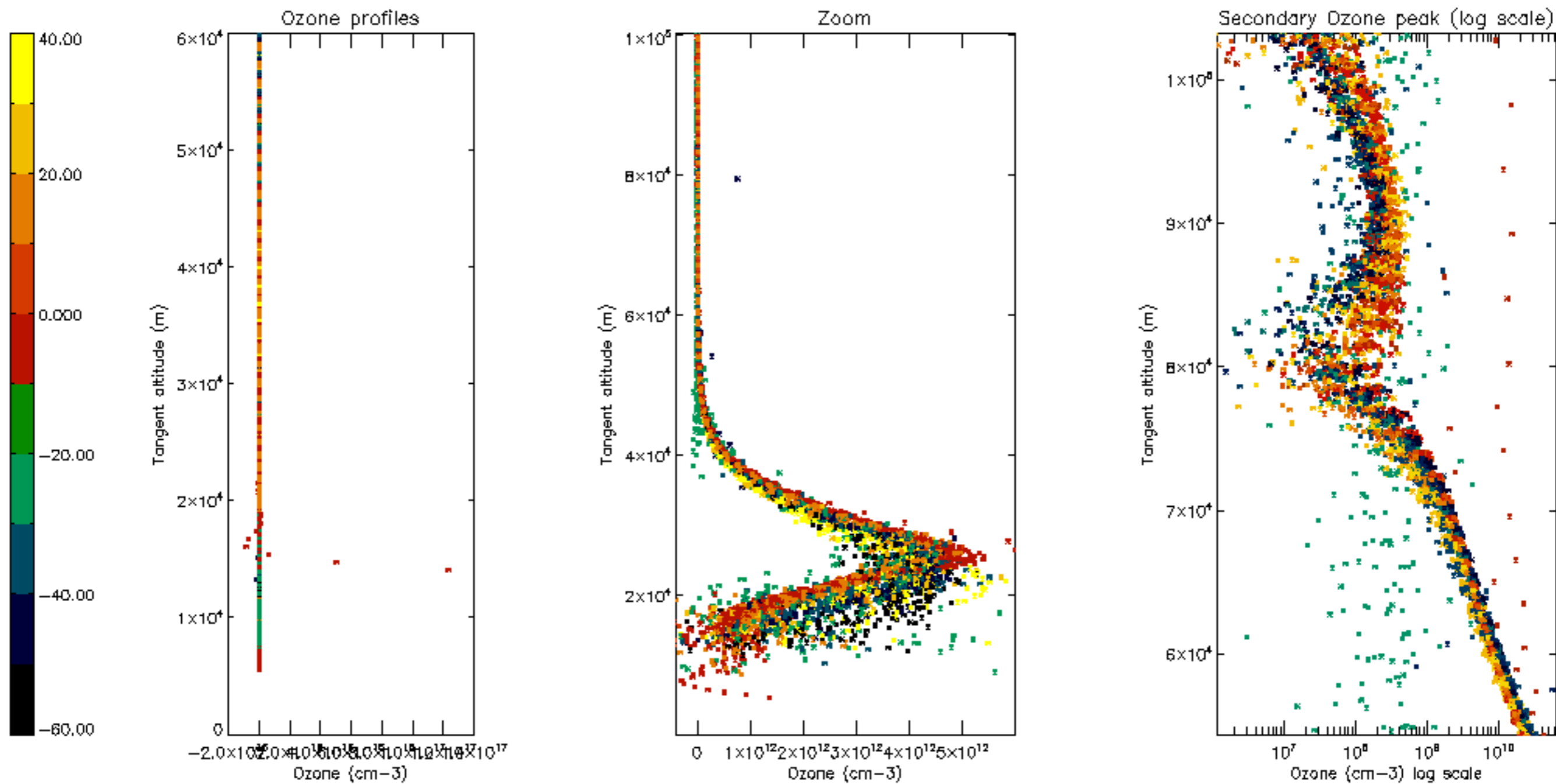
Percentage of star falling outside central band per profile

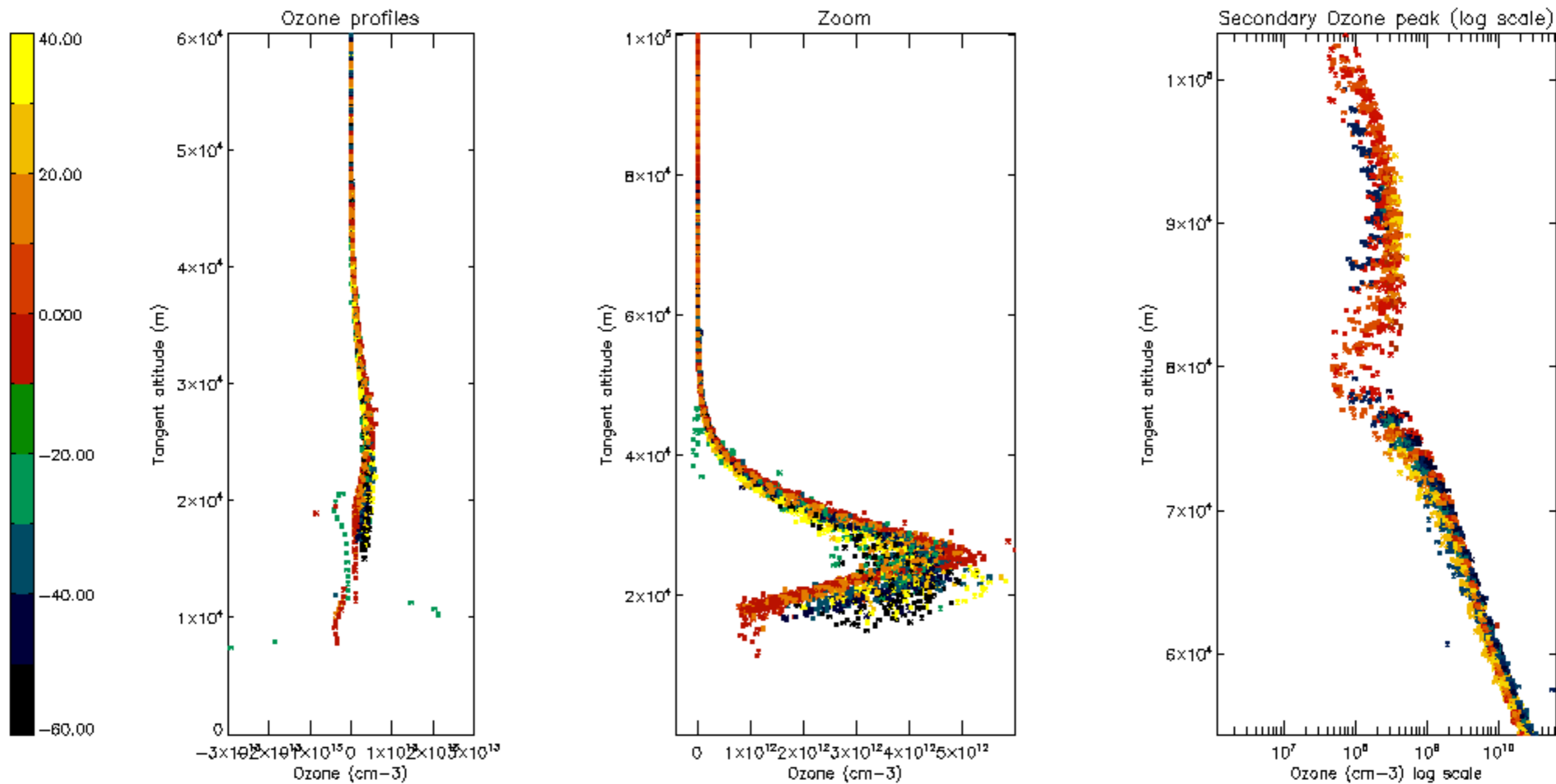


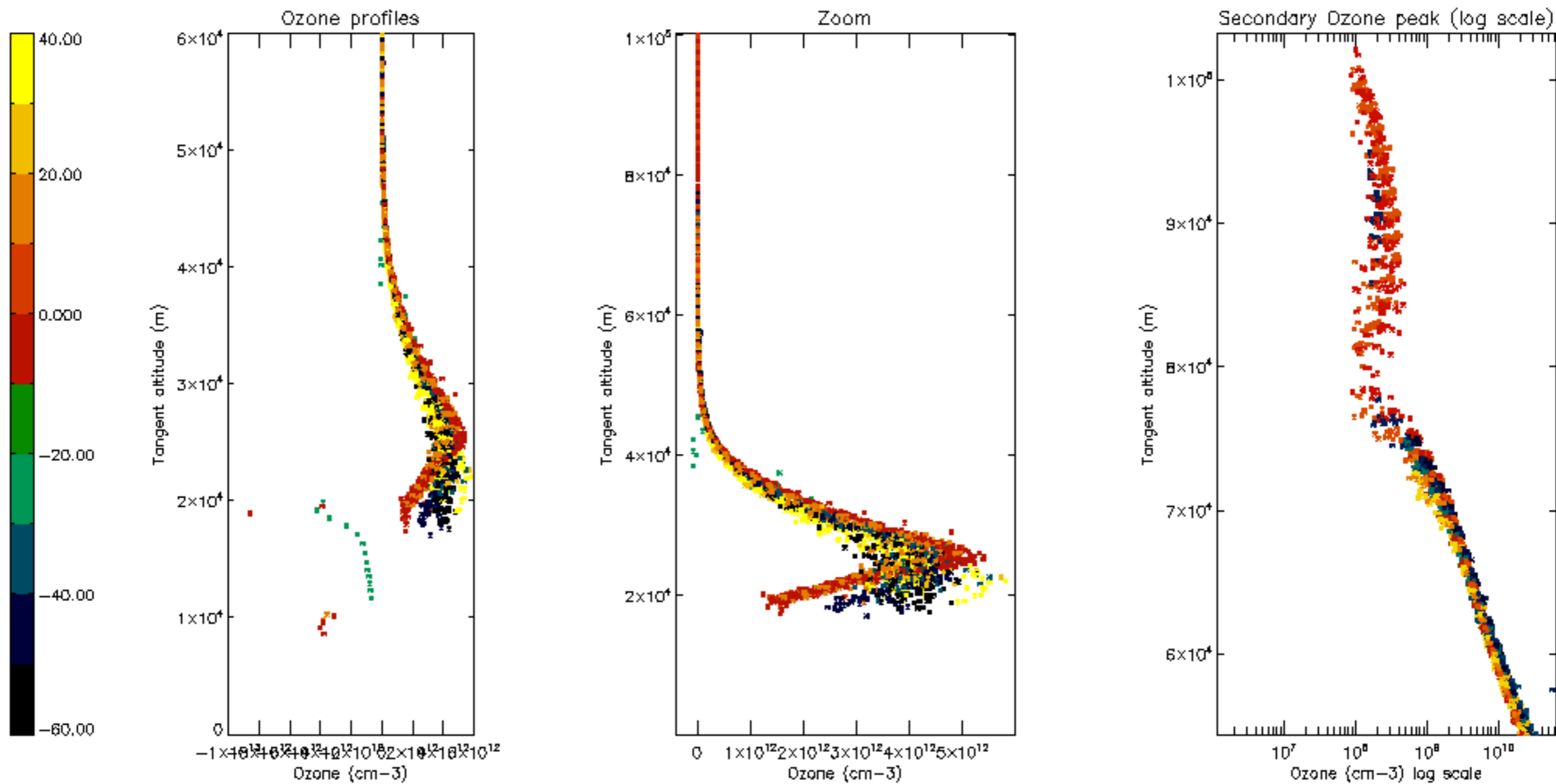
Percentage of saturation errors per profile

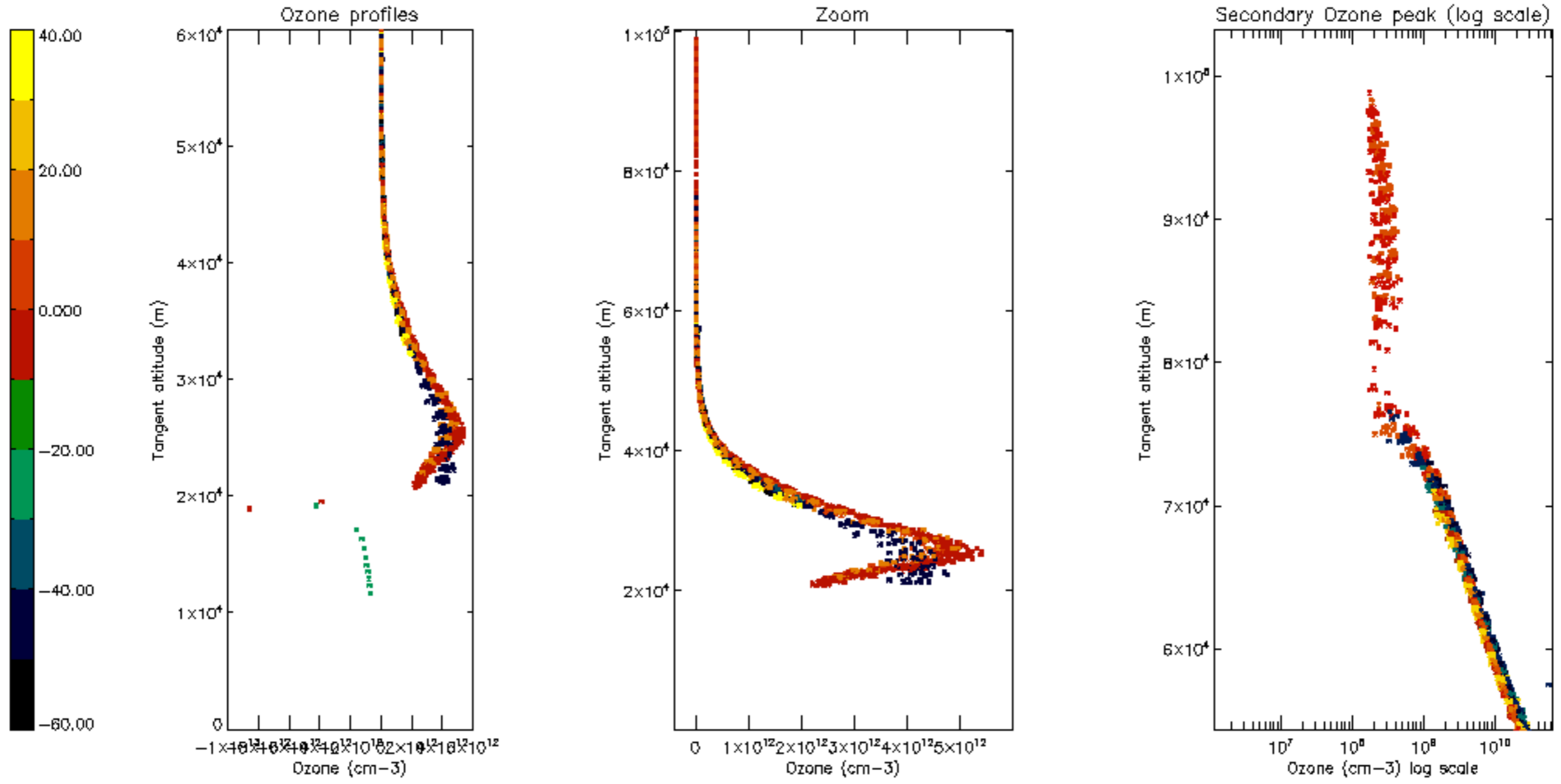




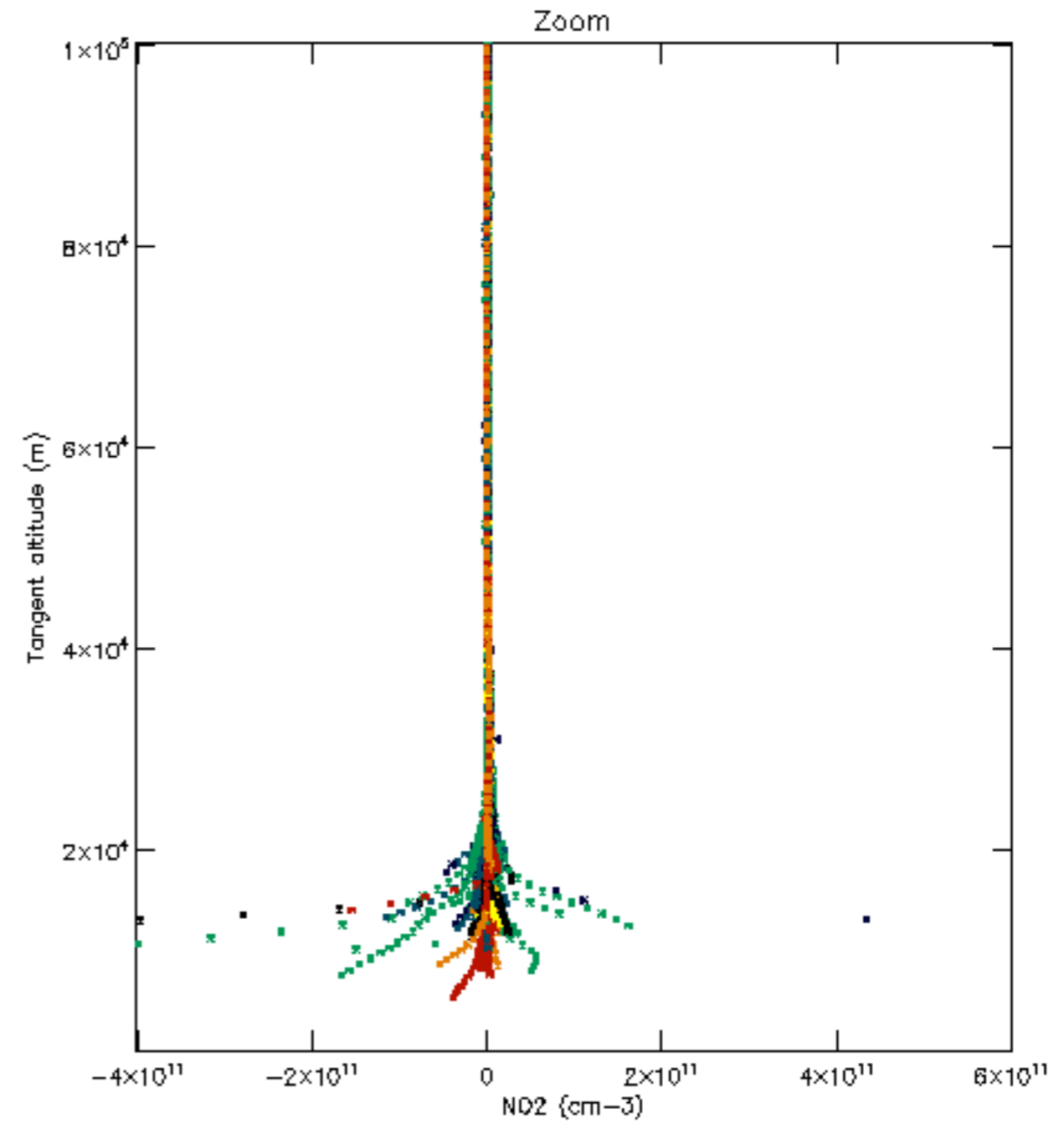
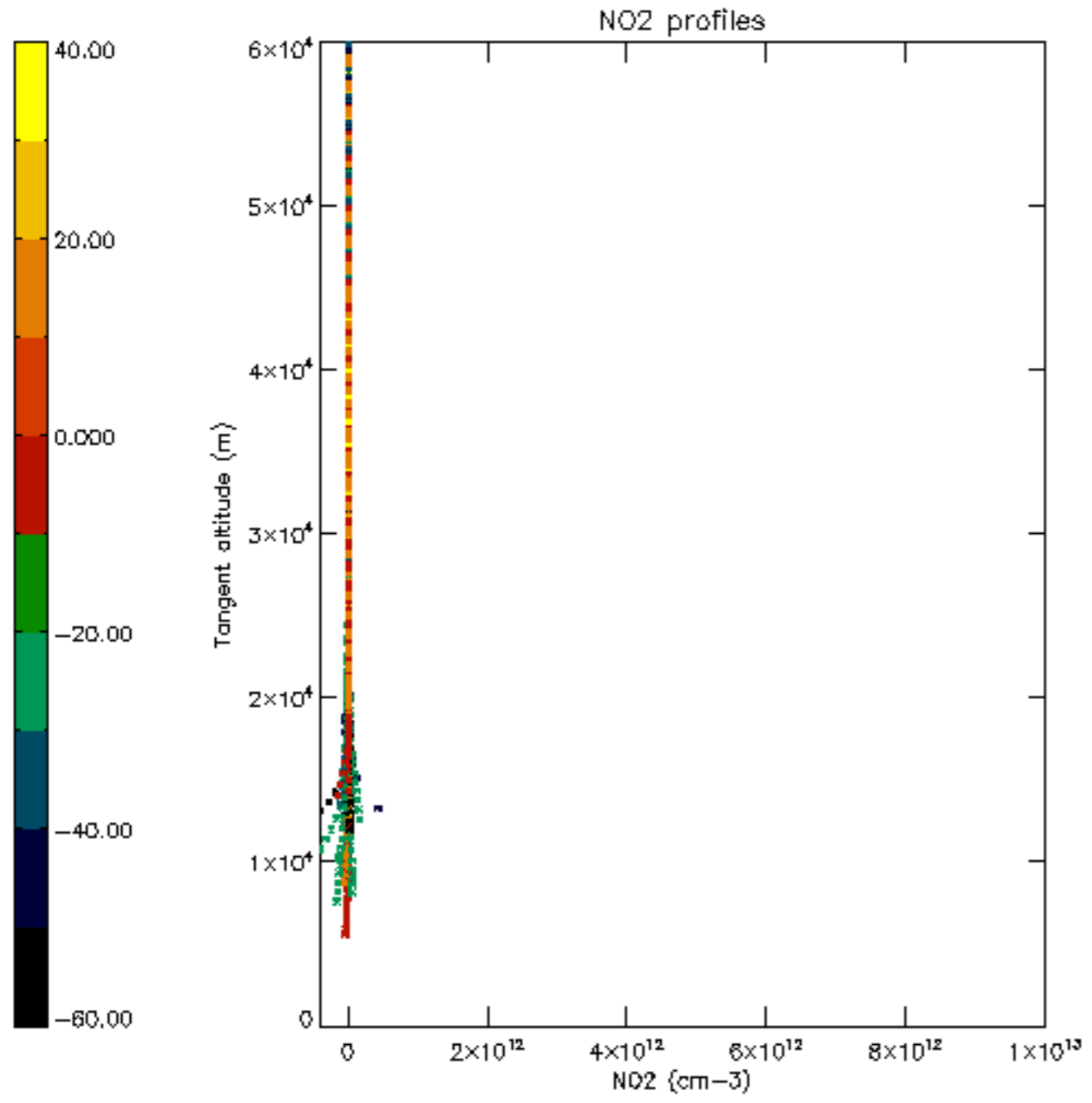


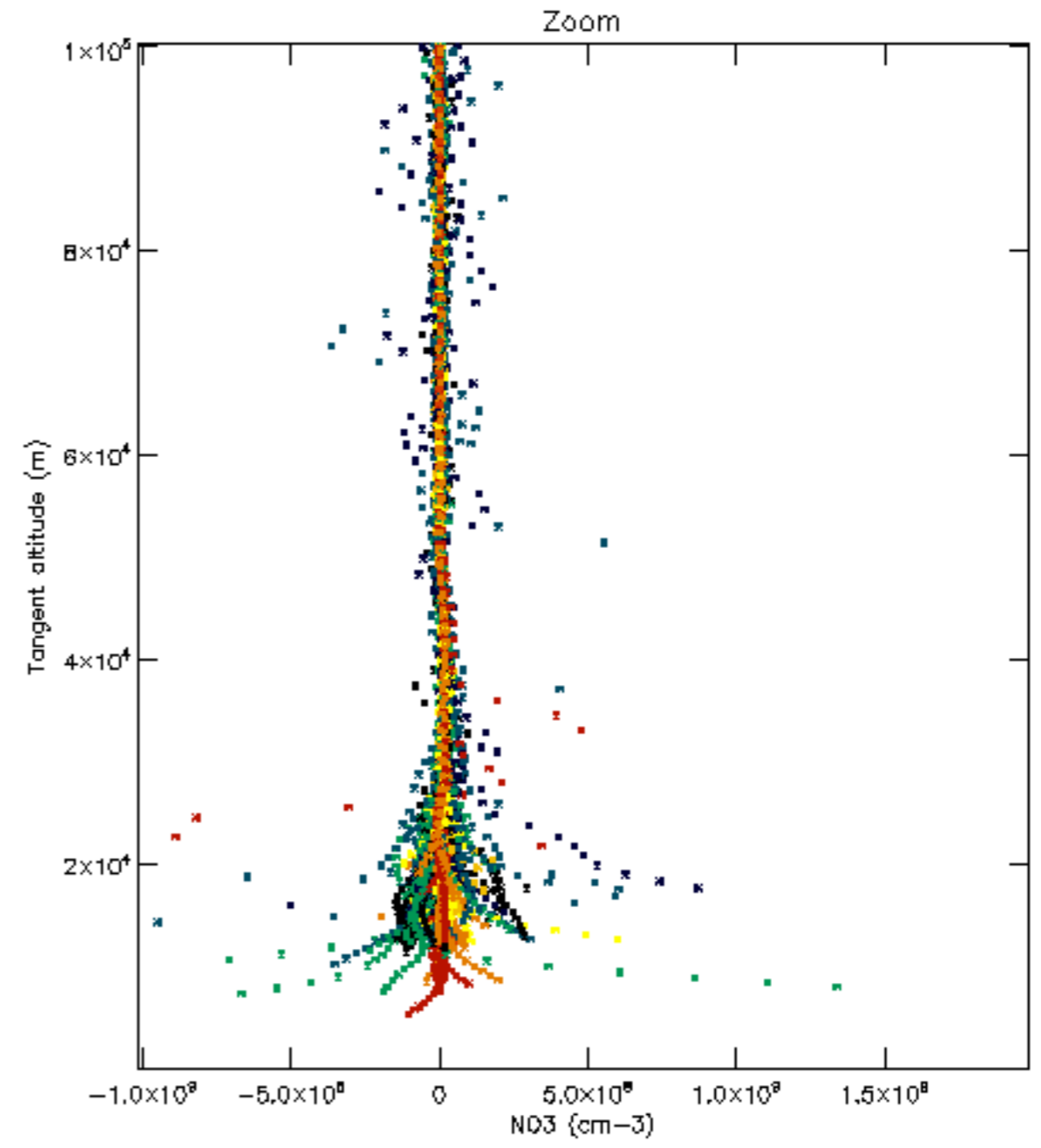
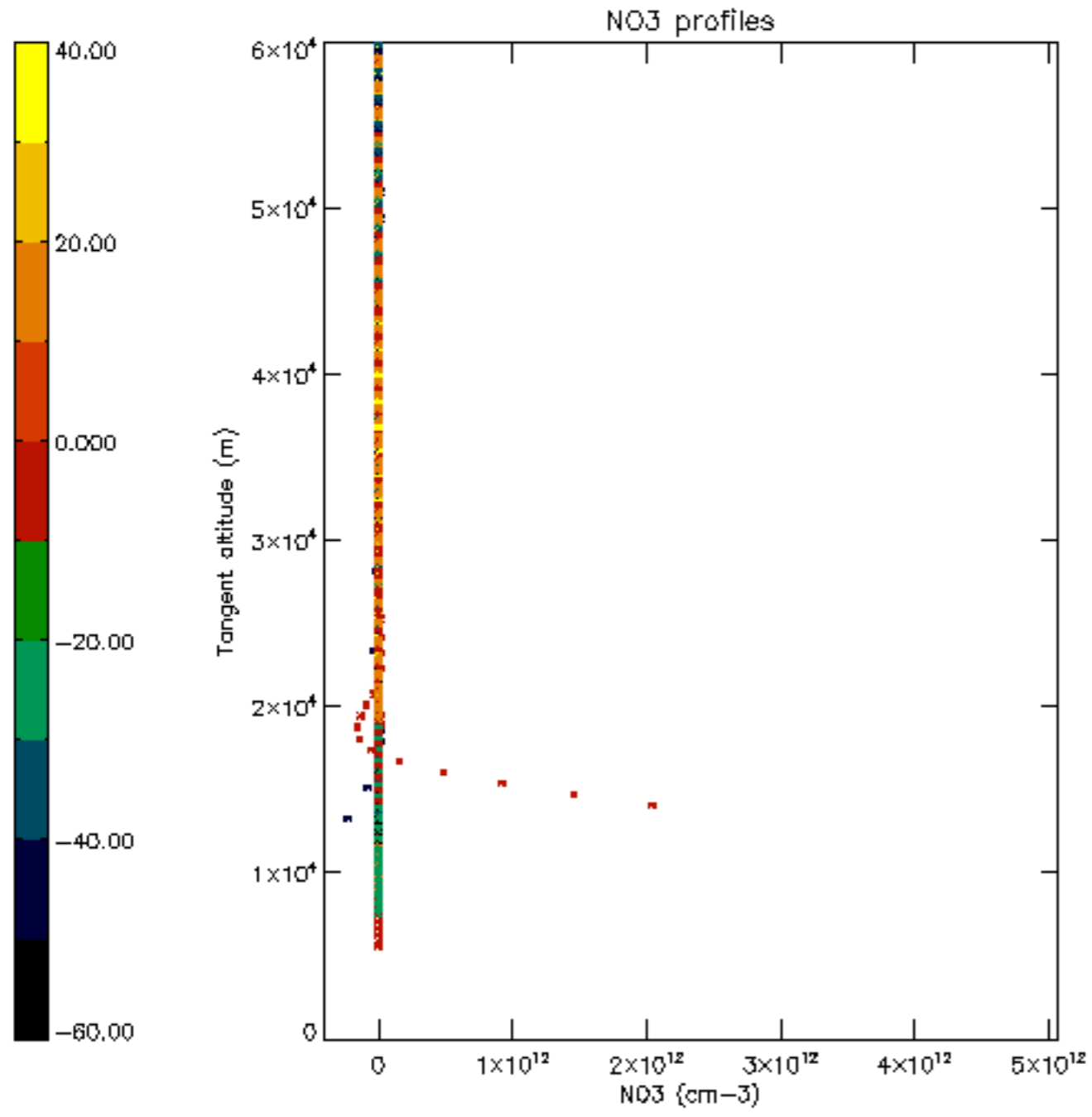


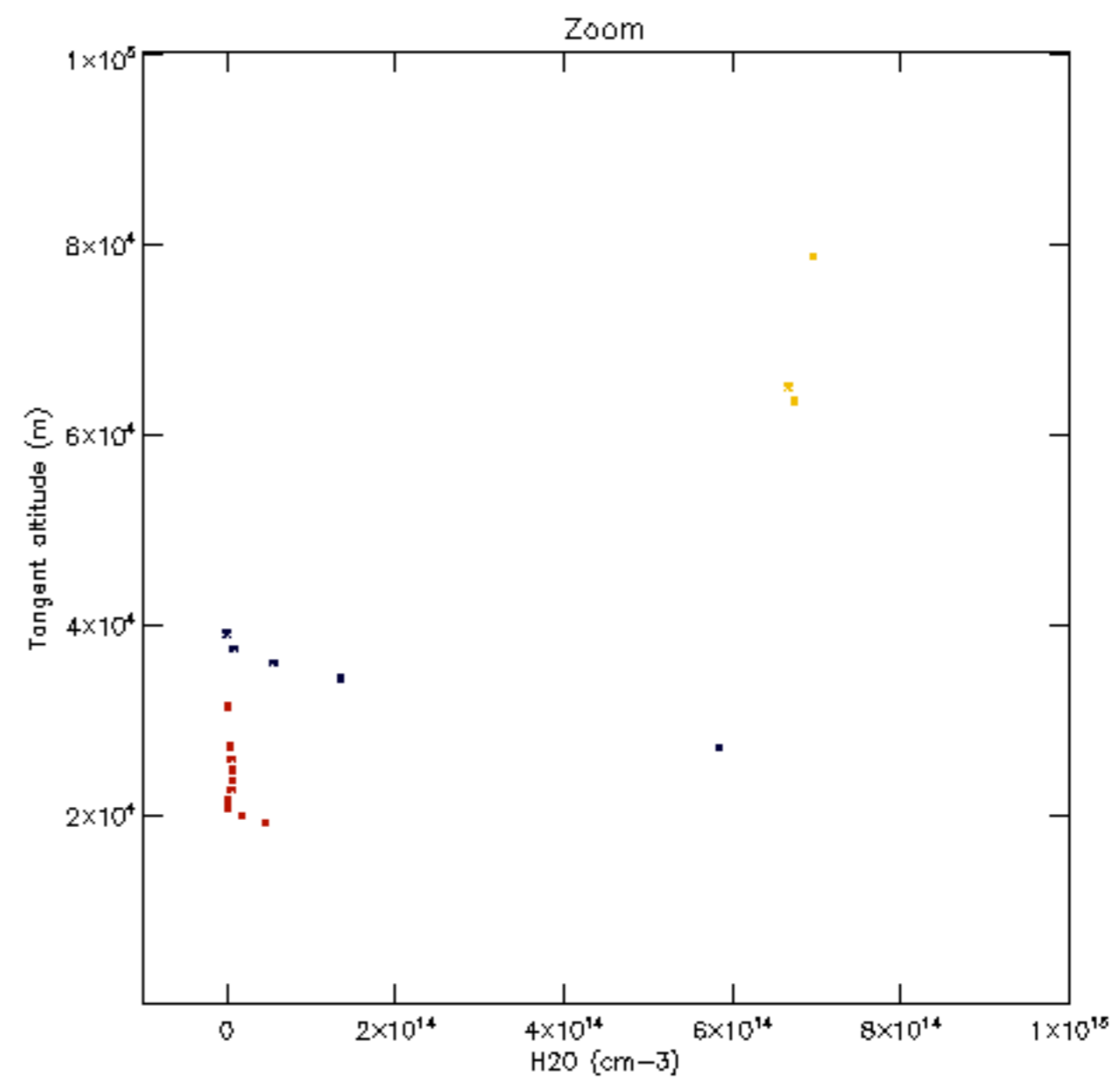
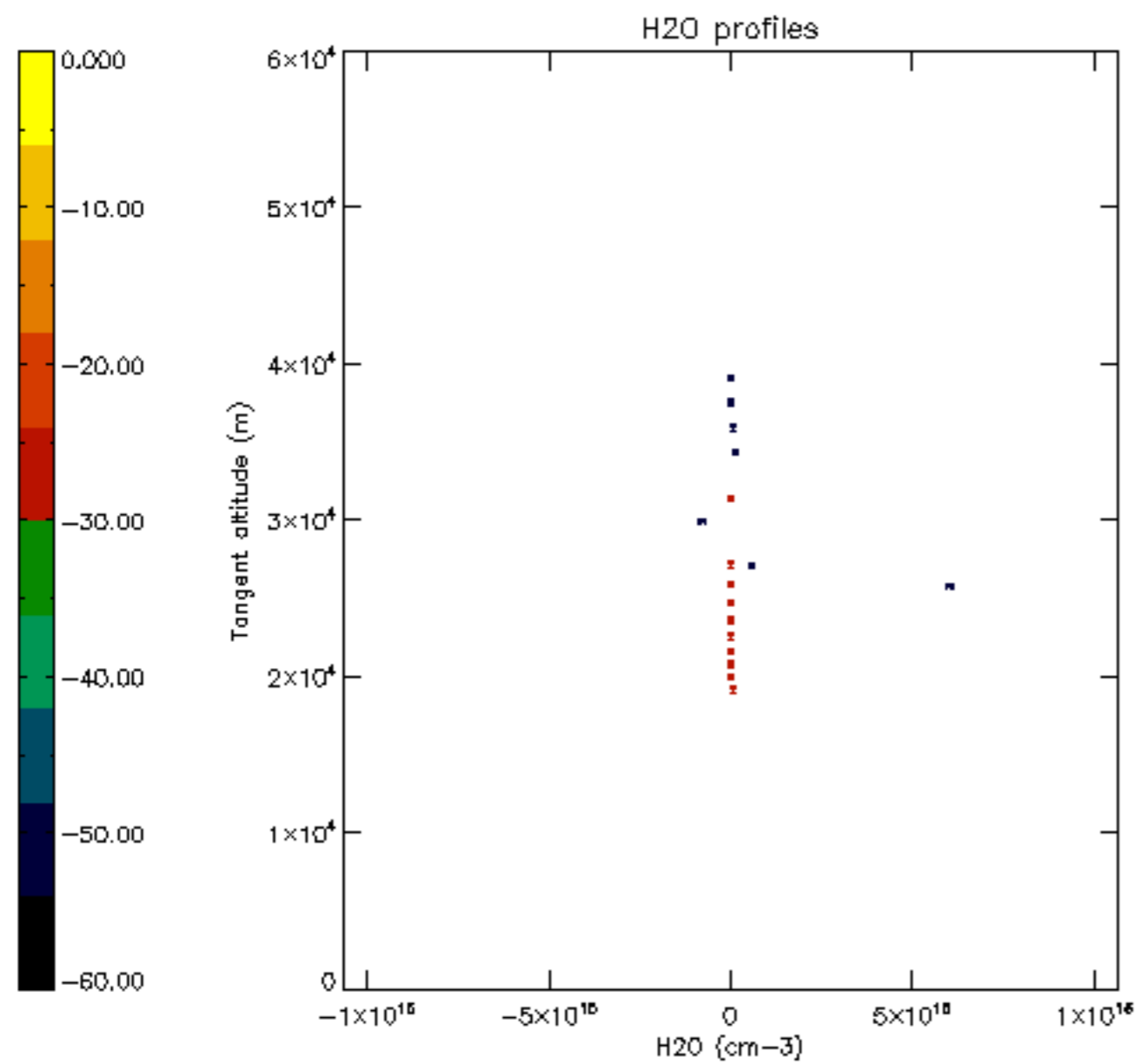


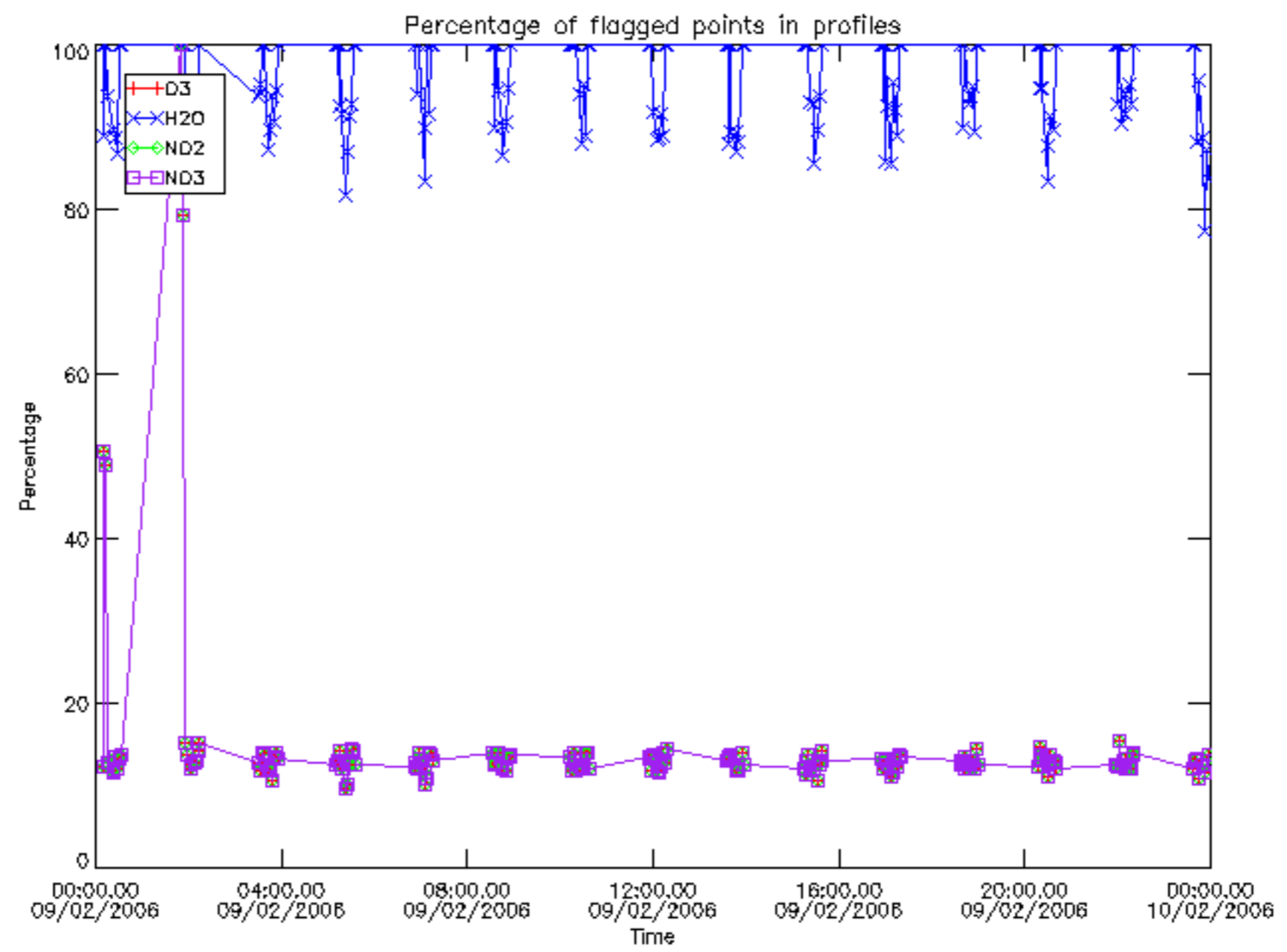






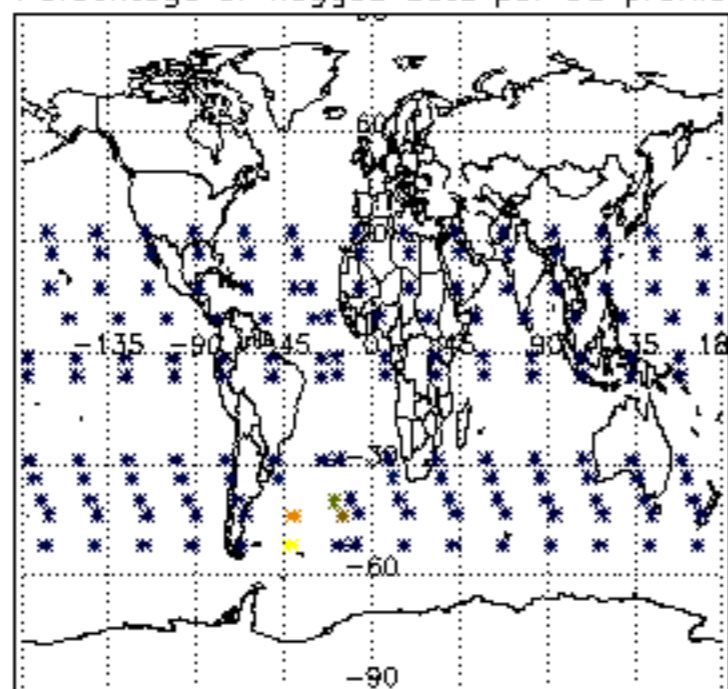




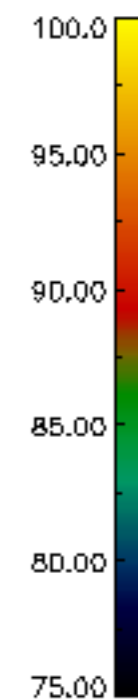
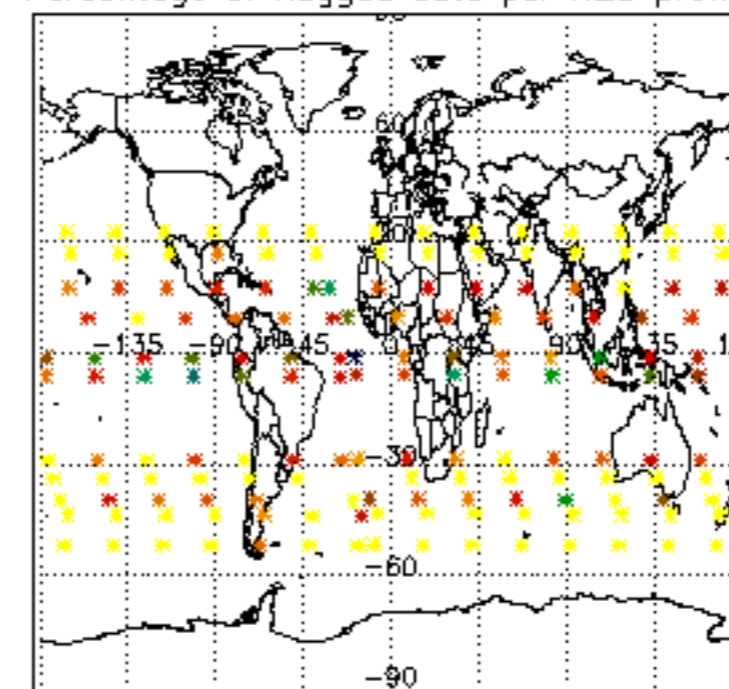




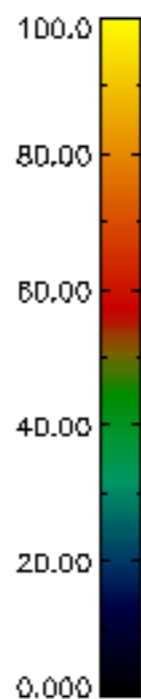
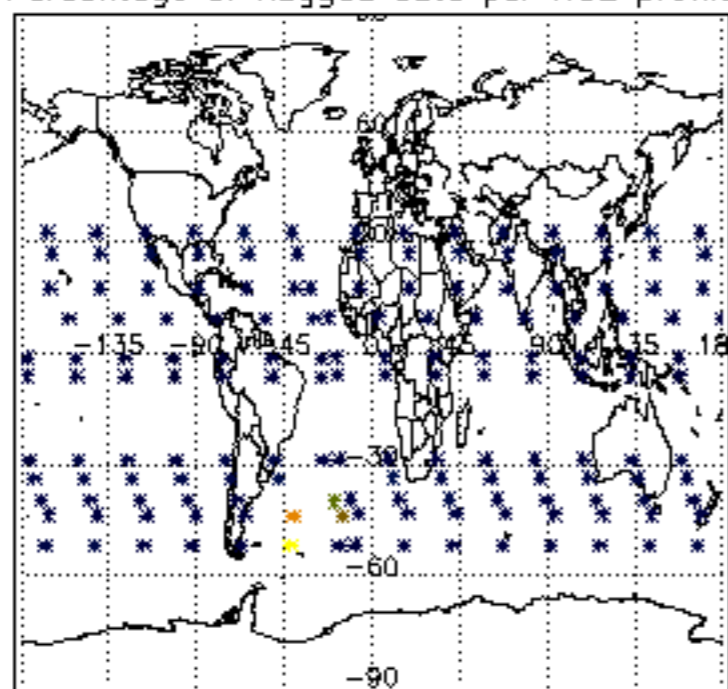
Percentage of flagged data per D3 profile



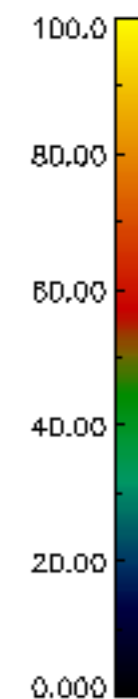
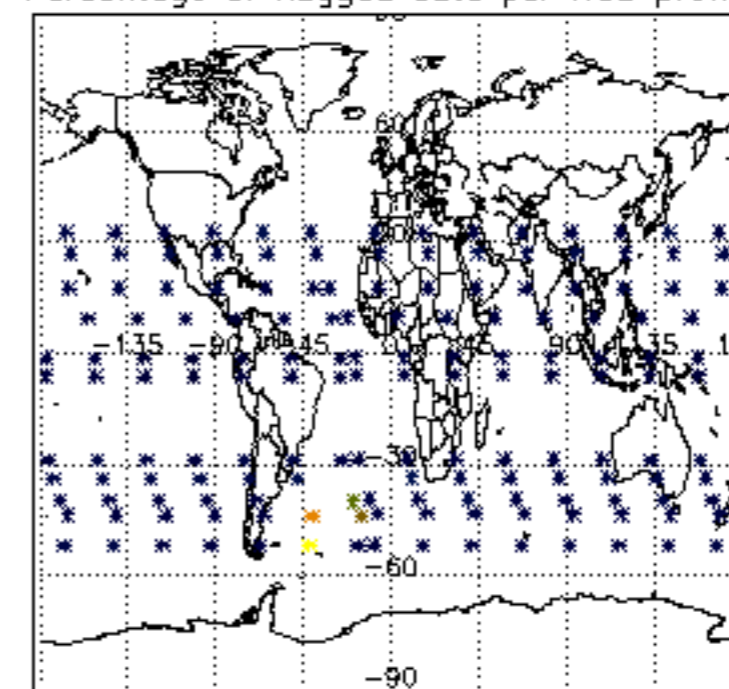
Percentage of flagged data per H2O profile

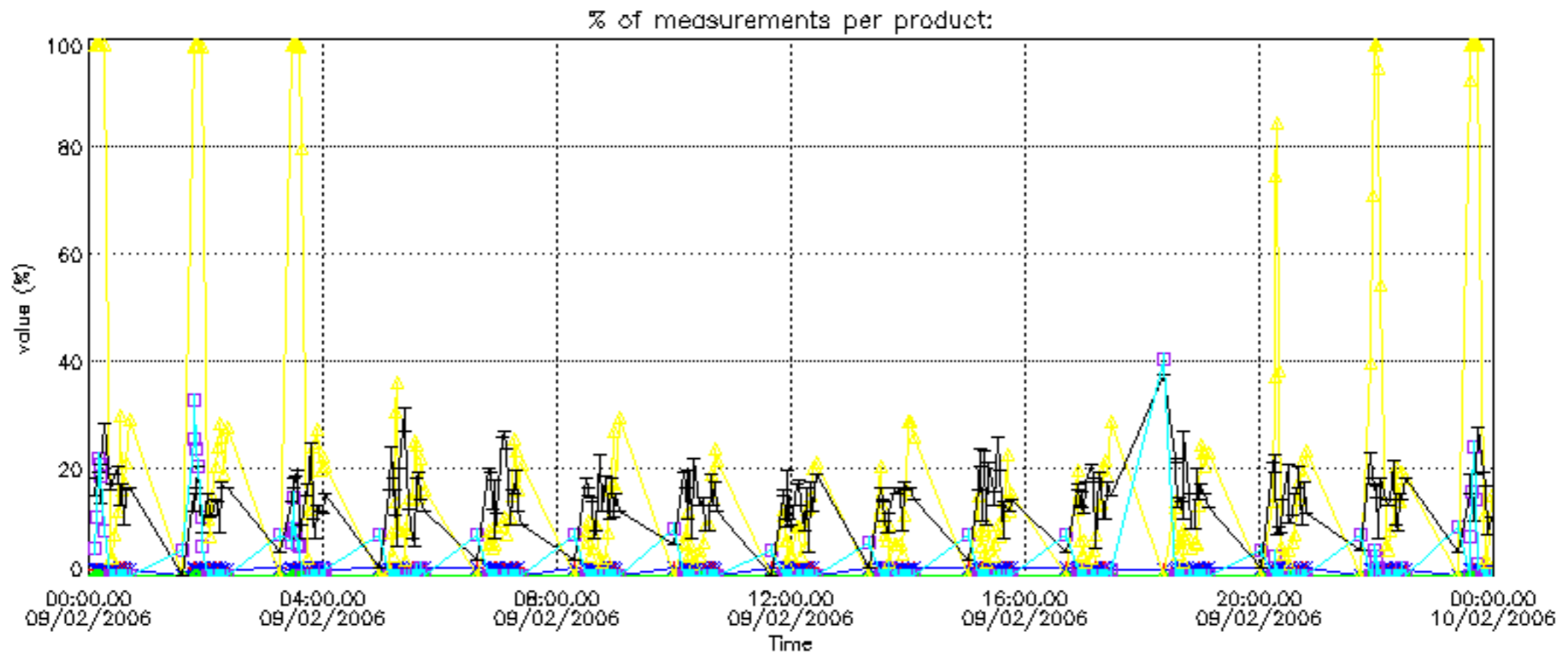


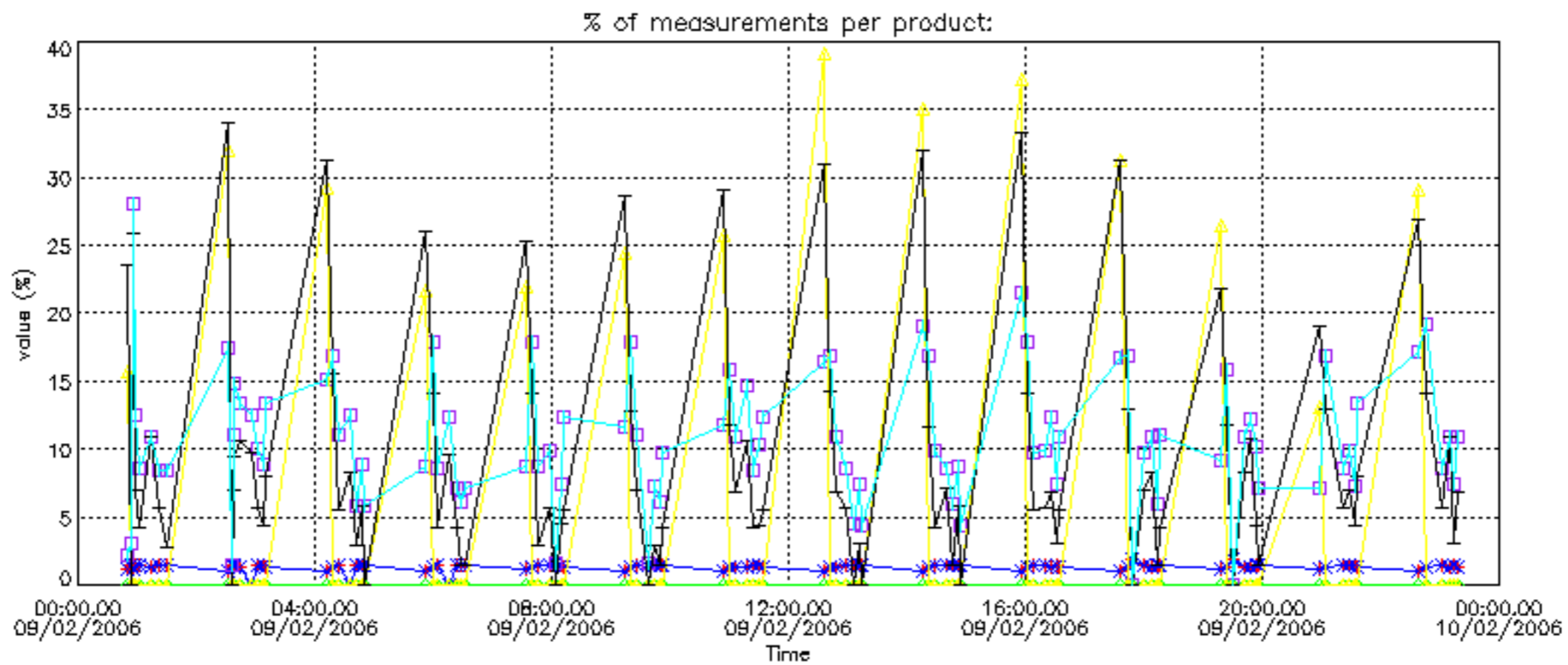
Percentage of flagged data per NO2 profile



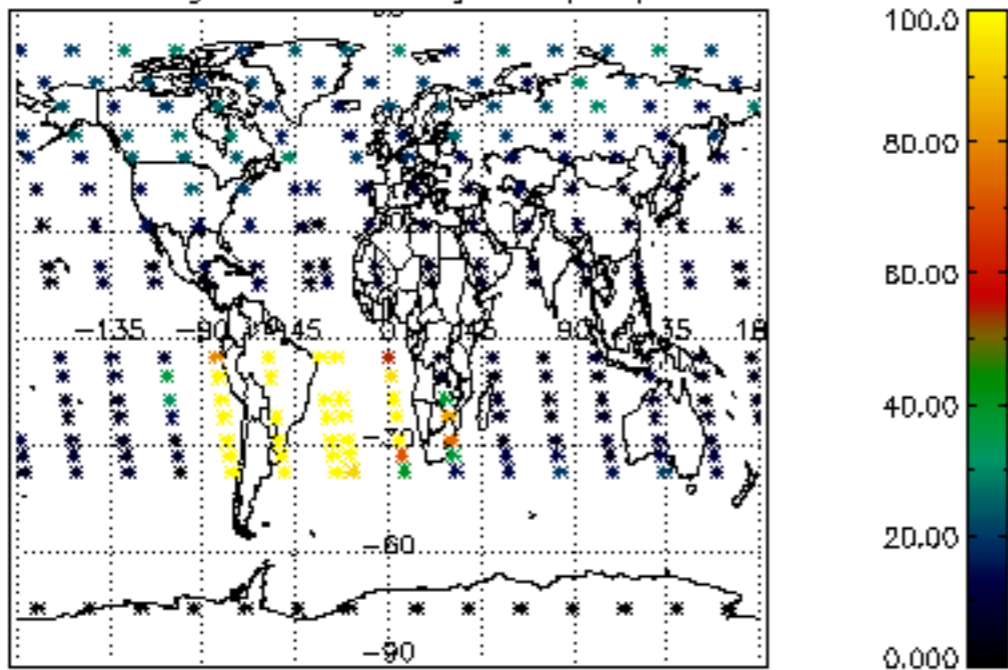
Percentage of flagged data per NO3 profile



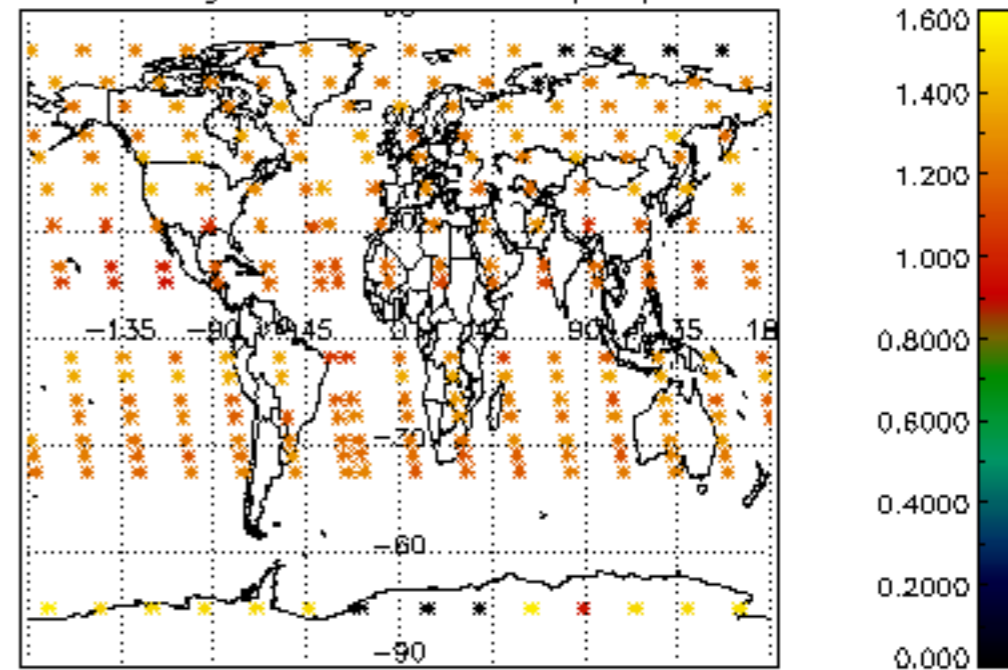




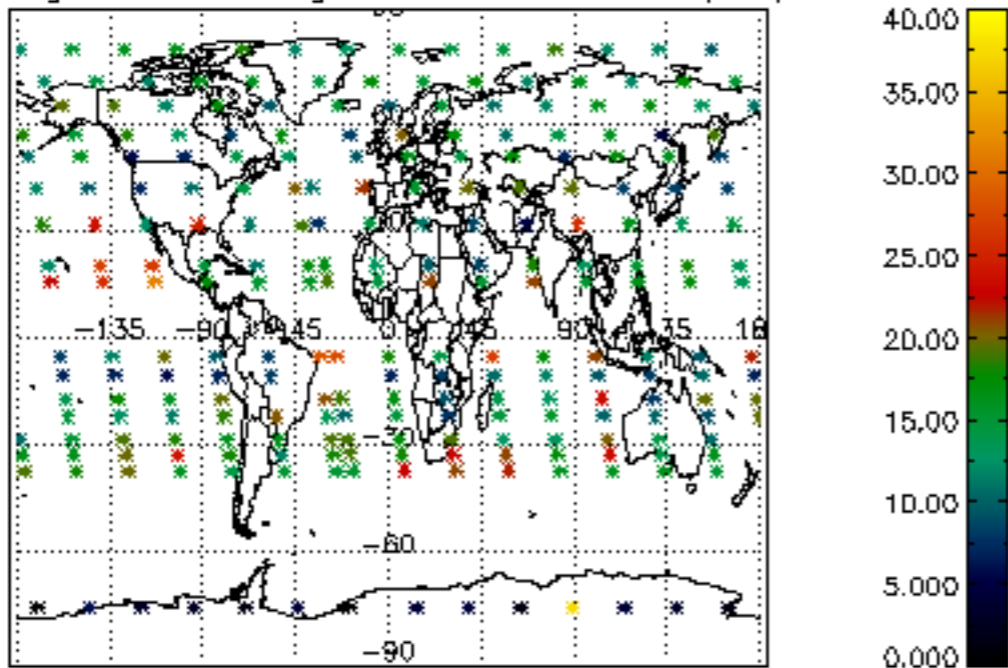
Percentage of cosmic ray hits per profile



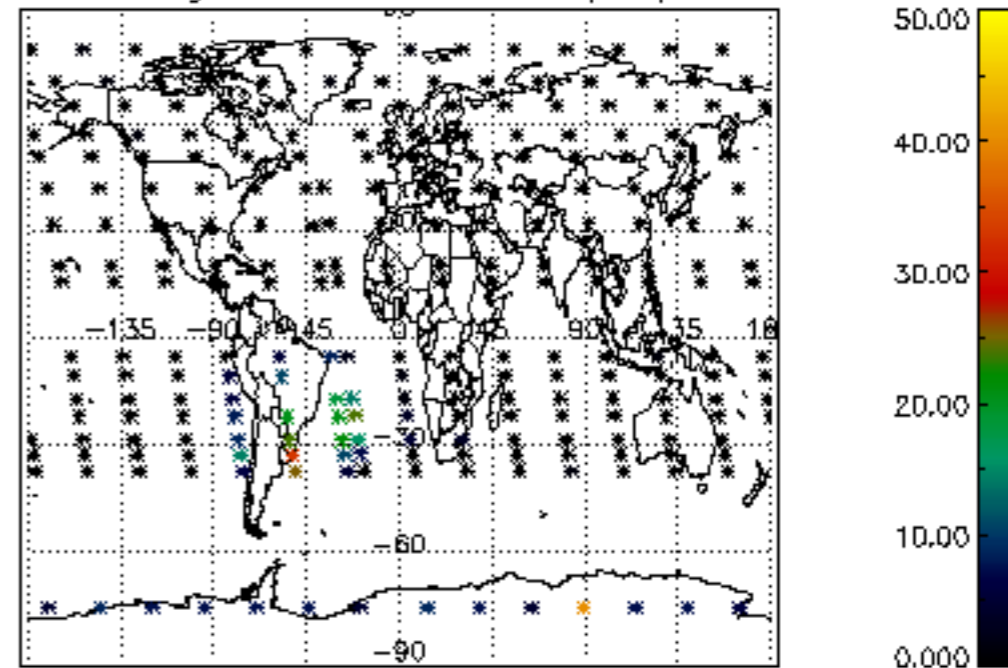
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

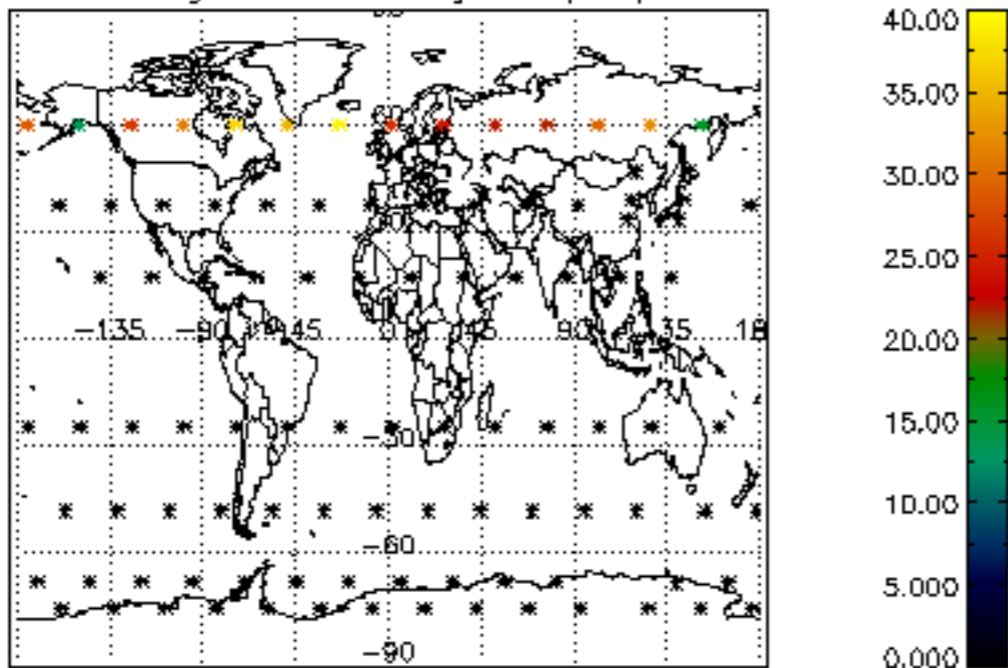


Percentage of saturation errors per profile

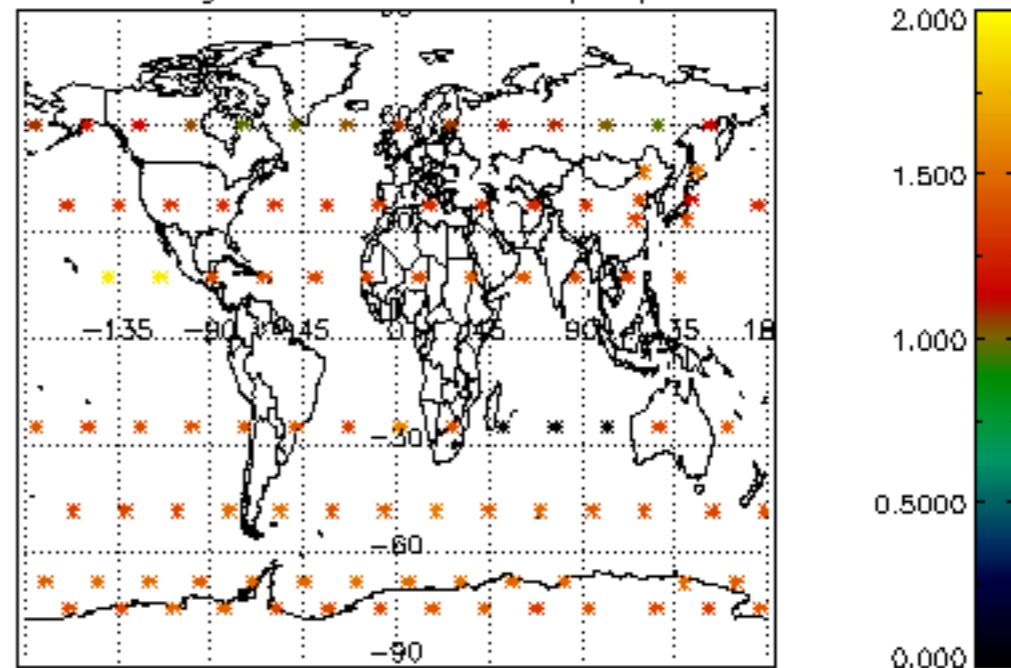




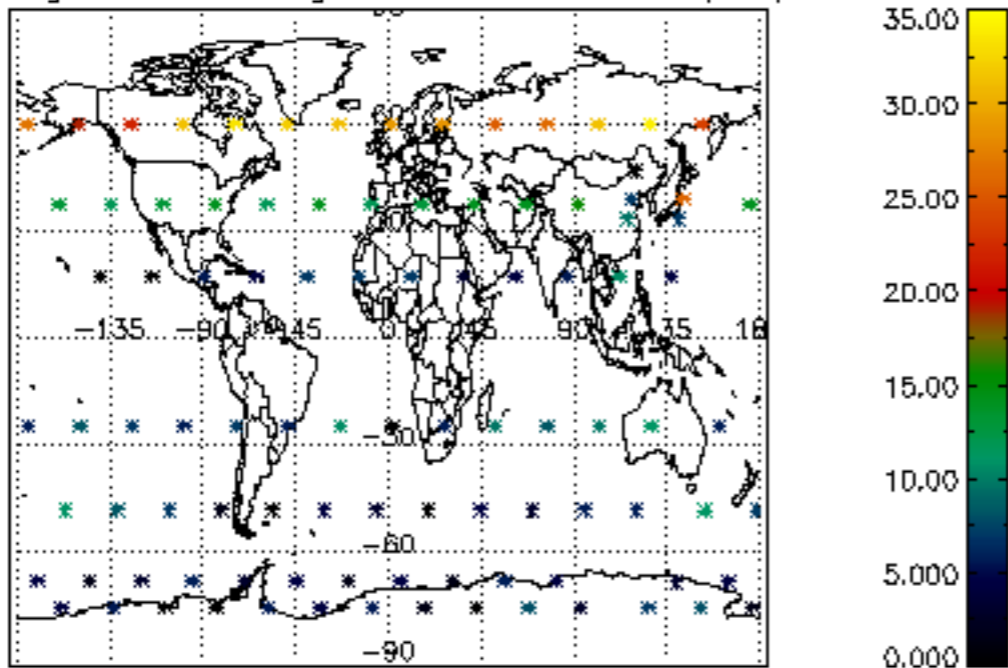
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

