

# 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	26APR2013 14:13:38
Data source version	GOMOS/6.01
Start time of products	24-11-2009 (24NOV2009 00:00:00)
Stop time of products	25-11-2009 (25NOV2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	294
Nb of prods with errors	1

## 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__2PRFIN20091124_000040_000000272084_00302_40436_2169.N1	24-NOV-2009 00:00:40	Twilight	26.500	62	94Bet Leo	2.1360	9700.0	53	40436	No
2	GOM_NL__2PRFIN20091124_0000406_000000572084_00302_40436_2170.N1	24-NOV-2009 00:04:06	Bright	56.500	121	29Gam Vir	2.7400	7200.0	113	40436	No
3	GOM_NL__2PRFIN20091124_001100_000000412084_00302_40436_2171.N1	24-NOV-2009 00:11:00	Twilight	40.500	171	2Eps Crv	3.0010	4250.0	81	40436	No
4	GOM_NL__2PRFIN20091124_002027_000000272084_00303_40437_2162.N1	24-NOV-2009 00:20:27	Dark	27.000	113	Mu Vel	2.6920	5000.0	54	40437	No
5	GOM_NL__2PRFIN20091124_002716_000000402084_00303_40437_2163.N1	24-NOV-2009 00:27:16	Dark	40.000	41	Eps Car	1.8600	4100.0	80	40437	No
6	GOM_NL__2PRFIN20091124_002847_000000502084_00303_40437_2164.N1	24-NOV-2009 00:28:47	Dark	50.000	34	Gam2Vel	1.7930	23000.0	100	40437	No
7	GOM_NL__2PRFIN20091124_003245_000000512084_00303_40437_2165.N1	24-NOV-2009 00:32:45	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	40437	No
8	GOM_NL__2PRFIN20091124_003920_000000482084_00303_40437_2166.N1	24-NOV-2009 00:39:20	Dark	48.000	108	Alp Col	2.6520	15200.0	96	40437	No
9	GOM_NL__2PRFIN20091124_004742_000000472084_00303_40437_2167.N1	24-NOV-2009 00:47:42	Straylight	47.000	165	34Gam Eri	2.9500	3200.0	94	40437	No
10	GOM_NL__2PRFIN20091124_005307_000000462084_00303_40437_2168.N1	24-NOV-2009 00:53:07	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40437	No
11	GOM_NL__2PRFIN20091124_005924_000000432084_00303_40437_2169.N1	24-NOV-2009 00:59:24	Bright	42.500	146	25Eta Tau	2.8730	15200.0	85	40437	No
12	GOM_NL__2PRFIN20091124_010154_000000412084_00303_40437_2170.N1	24-NOV-2009 01:01:54	Bright	41.000	150	44Zet Per	2.8900	28000.0	82	40437	No
13	GOM_NL__2PRFIN20091124_010349_000000392084_00303_40437_2171.N1	24-NOV-2009 01:03:49	Bright	38.500	79	26Bet Per	2.3100	13100.0	77	40437	No
14	GOM_NL__2PRFIN20091124_010616_000000392084_00303_40437_2172.N1	24-NOV-2009 01:06:16	Bright	39.000	175	39Del Per	3.0100	19400.0	78	40437	No
15	GOM_NL__2PRFIN20091124_012426_000000502084_00303_40437_2173.N1	24-NOV-2009 01:24:26	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40437	No
16	GOM_NL__2PRFIN20091124_012604_000000462084_00303_40437_2174.N1	24-NOV-2009 01:26:04	Bright	46.000	82	48Bet UMa	2.3650	10600.0	92	40437	No
17	GOM_NL__2PRFIN20091124_012737_000000392084_00303_40437_2175.N1	24-NOV-2009 01:27:37	Bright	39.000	87	64Gam UMa	2.4330	11000.0	78	40437	No
18	GOM_NL__2PRFIN20091124_013021_000000522084_00303_40437_2176.N1	24-NOV-2009 01:30:21	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	40437	No
19	GOM_NL__2PRFIN20091124_013234_000000392084_00303_40437_2177.N1	24-NOV-2009 01:32:34	Bright	39.000	152	12Alp2CVn	2.8900	11000.0	78	40437	No
20	GOM_NL__2PRFIN20091124_014116_000000502084_00303_40437_2178.N1	24-NOV-2009 01:41:16	Bright	50.000	62	94Bet Leo	2.1360	9700.0	100	40437	No
21	GOM_NL__2PRFIN20091124_014443_000000212084_00303_40437_2179.N1	24-NOV-2009 01:44:43	Twilight	21.000	121	29Gam Vir	2.7400	7200.0	42	40437	No
22	GOM_NL__2PRFIN20091124_015003_000000452084_00303_40437_2180.N1	24-NOV-2009 01:50:03	Twilight	45.000	100	4Gam Crv	2.5800	13100.0	90	40437	No
23	GOM_NL__2PRFIN20091124_015136_000000472084_00303_40437_2181.N1	24-NOV-2009 01:51:36	Twilight	47.000	171	2Eps Crv	3.0010	4250.0	94	40437	No
24	GOM_NL__2PRFIN20091124_020103_000000462084_00304_40438_2171.N1	24-NOV-2009 02:01:03	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40438	No
25	GOM_NL__2PRFIN20091124_020753_000000262084_00304_40438_2172.N1	24-NOV-2009 02:07:53	Dark	26.000	41	Eps Car	1.8600	4100.0	52	40438	No
26	GOM_NL__2PRFIN20091124_020924_000000532084_00304_40438_2173.N1	24-NOV-2009 02:09:24	Dark	52.500	34	Gam2Vel	1.7930	23000.0	105	40438	No
27	GOM_NL__2PRFIN20091124_021321_000000502084_00304_40438_2174.N1	24-NOV-2009 02:13:21	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	40438	No
28	GOM_NL__2PRFIN20091124_021957_000000292084_00304_40438_2175.N1	24-NOV-2009 02:19:57	Dark	28.500	108	Alp Col	2.6520	15200.0	57	40438	No
29	GOM_NL__2PRFIN20091124_022818_000000492084_00304_40438_2176.N1	24-NOV-2009 02:28:18	Straylight	49.000	165	34Gam Eri	2.9500	3200.0	98	40438	No
30	GOM_NL__2PRFIN20091124_023343_000000452084_00304_40438_2177.N1	24-NOV-2009 02:33:43	Twilight	45.000	94	92Alp Cet	2.5260	3100.0	90	40438	No
31	GOM_NL__2PRFIN20091124_024000_000000272084_00304_40438_2178.N1	24-NOV-2009 02:40:00	Twilight	26.500	146	25Eta Tau	2.8730	15200.0	53	40438	No
32	GOM_NL__2PRFIN20091124_024229_000000422084_00304_40438_2179.N1	24-NOV-2009 02:42:29	Bright	41.500	150	44Zet Per	2.8900	28000.0	83	40438	No
33	GOM_NL__2PRFIN20091124_024425_000000392084_00304_40438_2180.N1	24-NOV-2009 02:44:25	Bright	39.000	79	26Bet Per	2.3100	13100.0	78	40438	No
34	GOM_NL__2PRFIN20091124_024652_000000262084_00304_40438_2181.N1	24-NOV-2009 02:46:52	Twilight	26.000	175	39Del Per	3.0100	19400.0	52	40438	No
35	GOM_NL__2PRFIN20091124_030502_000000472084_00304_40438_2182.N1	24-NOV-2009 03:05:02	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40438	No
36	GOM_NL__2PRFIN20091124_030640_000000452084_00304_40438_2183.N1	24-NOV-2009 03:06:40	Bright	44.500	82	48Bet UMa	2.3650	10600.0	89	40438	No
37	GOM_NL__2PRFIN20091124_030813_000000212084_00304_40438_2184.N1	24-NOV-2009 03:08:13	Twilight	20.500	87	64Gam UMa	2.4330	11000.0	41	40438	No
38	GOM_NL__2PRFIN20091124_031057_000000532084_00304_40438_2185.N1	24-NOV-2009 03:10:57	Bright	52.500	174	52Psi UMa	3.0040	4400.0	105	40438	No
39	GOM_NL__2PRFIN20091124_031310_000000182084_00304_40438_2186.N1	24-NOV-2009 03:13:10	Twilight	18.000	152	12Alp2CVn	2.8900	11000.0	36	40438	No
40	GOM_NL__2PRFIN20091124_032153_000000242084_00304_40438_2187.N1	24-NOV-2009 03:21:53	Twilight	23.500	62	94Bet Leo	2.1360	9700.0	47	40438	No
41	GOM_NL__2PRFIN20091124_032519_000000212084_00304_40438_2188.N1	24-NOV-2009 03:25:19	Twilight	20.500	121	29Gam Vir	2.7400	7200.0	41	40438	No
42	GOM_NL__2PRFIN20091124_033040_000000232084_00304_40438_2189.N1	24-NOV-2009 03:30:40	Twilight	23.000	100	4Gam Crv	2.5800	13100.0	46	40438	No

43	GOM_NL__2PRFIN20091124_034140_000000262084_00305_40439_2180.N1	24-NOV-2009 03:41:40	Dark	25.500	113	Mu Vel	2.6920	5000.0	51	40439	No
44	GOM_NL__2PRFIN20091124_034829_000000442084_00305_40439_2181.N1	24-NOV-2009 03:48:29	Dark	44.000	41	Eps Car	1.8600	4100.0	88	40439	No
45	GOM_NL__2PRFIN20091124_035001_000000302084_00305_40439_2182.N1	24-NOV-2009 03:50:01	Dark	30.000	34	Gam2Vel	1.7930	23000.	60	40439	No
46	GOM_NL__2PRFIN20091124_035358_000000482084_00305_40439_2183.N1	24-NOV-2009 03:53:58	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40439	No
47	GOM_NL__2PRFIN20091124_040033_000000292084_00305_40439_2184.N1	24-NOV-2009 04:00:33	Dark	28.500	108	Alp Col	2.6520	15200.	57	40439	No
48	GOM_NL__2PRFIN20091124_040855_000000252084_00305_40439_2185.N1	24-NOV-2009 04:08:55	Straylight	24.500	165	34Gam Eri	2.9500	3200.0	49	40439	No
49	GOM_NL__2PRFIN20091124_041419_000000432084_00305_40439_2186.N1	24-NOV-2009 04:14:19	Twilight	42.500	94	92Alp Cet	2.5260	3100.0	85	40439	No
50	GOM_NL__2PRFIN20091124_042036_000000272084_00305_40439_2187.N1	24-NOV-2009 04:20:36	Twilight	26.500	146	25Eta Tau	2.8730	15200.	53	40439	No
51	GOM_NL__2PRFIN20091124_042305_000000272084_00305_40439_2188.N1	24-NOV-2009 04:23:05	Twilight	26.500	150	44Zet Per	2.8900	28000.	53	40439	No
52	GOM_NL__2PRFIN20091124_042501_000000252084_00305_40439_2189.N1	24-NOV-2009 04:25:01	Twilight	24.500	79	26Bet Per	2.3100	13100.	49	40439	No
53	GOM_NL__2PRFIN20091124_042728_000000252084_00305_40439_2190.N1	24-NOV-2009 04:27:28	Twilight	25.000	175	39Del Per	3.0100	19400.	50	40439	No
54	GOM_NL__2PRFIN20091124_044538_000000222084_00305_40439_2191.N1	24-NOV-2009 04:45:38	Twilight	21.500	36	50Alp UMa	1.8000	6300.0	43	40439	No
55	GOM_NL__2PRFIN20091124_044715_000000232084_00305_40439_2192.N1	24-NOV-2009 04:47:15	Twilight	22.500	82	48Bet UMa	2.3650	10600.	45	40439	No
56	GOM_NL__2PRFIN20091124_044849_000000212084_00305_40439_2193.N1	24-NOV-2009 04:48:49	Twilight	20.500	87	64Gam UMa	2.4330	11000.	41	40439	No
57	GOM_NL__2PRFIN20091124_045133_000000232084_00305_40439_2194.N1	24-NOV-2009 04:51:33	Twilight	23.000	174	52Psi UMa	3.0040	4400.0	46	40439	No
58	GOM_NL__2PRFIN20091124_045346_000000552084_00305_40439_2195.N1	24-NOV-2009 04:53:46	Bright	55.000	152	12Alp2CVn	2.8900	11000.	110	40439	No
59	GOM_NL__2PRFIN20091124_050229_000000692084_00305_40439_2196.N1	24-NOV-2009 05:02:29	Bright	69.000	62	94Bet Leo	2.1360	9700.0	138	40439	No
60	GOM_NL__2PRFIN20091124_050555_000000372084_00305_40439_2197.N1	24-NOV-2009 05:05:55	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	40439	No
61	GOM_NL__2PRFIN20091124_051116_000000442084_00305_40439_2198.N1	24-NOV-2009 05:11:16	Twilight	44.000	100	4Gam Crv	2.5800	13100.	88	40439	No
62	GOM_NL__2PRFIN20091124_051250_000000462084_00305_40439_2199.N1	24-NOV-2009 05:12:50	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	40439	No
63	GOM_NL__2PRFIN20091124_052217_000000262084_00306_40440_2189.N1	24-NOV-2009 05:22:17	Dark	26.000	113	Mu Vel	2.6920	5000.0	52	40440	No
64	GOM_NL__2PRFIN20091124_052906_000000472084_00306_40440_2190.N1	24-NOV-2009 05:29:06	Dark	46.500	41	Eps Car	1.8600	4100.0	93	40440	No
65	GOM_NL__2PRFIN20091124_053038_000000542084_00306_40440_2191.N1	24-NOV-2009 05:30:38	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	40440	No
66	GOM_NL__2PRFIN20091124_053435_000000592084_00306_40440_2192.N1	24-NOV-2009 05:34:35	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	40440	No
67	GOM_NL__2PRFIN20091124_054110_000000532084_00306_40440_2193.N1	24-NOV-2009 05:41:10	Dark	52.500	108	Alp Col	2.6520	15200.	105	40440	No
68	GOM_NL__2PRFIN20091124_054931_000000472084_00306_40440_2194.N1	24-NOV-2009 05:49:31	Straylight	46.500	165	34Gam Eri	2.9500	3200.0	93	40440	No
69	GOM_NL__2PRFIN20091124_055455_000000462084_00306_40440_2195.N1	24-NOV-2009 05:54:55	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40440	No
70	GOM_NL__2PRFIN20091124_055956_000000292084_00306_40440_2196.N1	24-NOV-2009 05:59:56	Twilight	29.000	13	87Alp Tau	0.86700	3800.0	58	40440	No
71	GOM_NL__2PRFIN20091124_060111_000000412084_00306_40440_2197.N1	24-NOV-2009 06:01:11	Bright	41.000	146	25Eta Tau	2.8730	15200.	82	40440	No
72	GOM_NL__2PRFIN20091124_060340_000000392084_00306_40440_2198.N1	24-NOV-2009 06:03:40	Bright	39.000	150	44Zet Per	2.8900	28000.	78	40440	No
73	GOM_NL__2PRFIN20091124_060537_000000382084_00306_40440_2199.N1	24-NOV-2009 06:05:37	Bright	37.500	79	26Bet Per	2.3100	13100.	75	40440	No
74	GOM_NL__2PRFIN20091124_060804_000000382084_00306_40440_2200.N1	24-NOV-2009 06:08:04	Bright	37.500	175	39Del Per	3.0100	19400.	75	40440	No
75	GOM_NL__2PRFIN20091124_062614_000000472084_00306_40440_2201.N1	24-NOV-2009 06:26:14	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40440	No
76	GOM_NL__2PRFIN20091124_062751_000000452084_00306_40440_2202.N1	24-NOV-2009 06:27:51	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	40440	No
77	GOM_NL__2PRFIN20091124_062925_000000412084_00306_40440_2203.N1	24-NOV-2009 06:29:25	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	40440	No
78	GOM_NL__2PRFIN20091124_063209_000000482084_00306_40440_2204.N1	24-NOV-2009 06:32:09	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	40440	No
79	GOM_NL__2PRFIN20091124_063422_000000562084_00306_40440_2205.N1	24-NOV-2009 06:34:22	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40440	No
80	GOM_NL__2PRFIN20091124_064306_000000502084_00306_40440_2206.N1	24-NOV-2009 06:43:06	Bright	49.500	62	94Bet Leo	2.1360	9700.0	99	40440	No
81	GOM_NL__2PRFIN20091124_064632_000000402084_00306_40440_2207.N1	24-NOV-2009 06:46:32	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	40440	No
82	GOM_NL__2PRFIN20091124_065153_000000462084_00306_40440_2208.N1	24-NOV-2009 06:51:53	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	40440	No
83	GOM_NL__2PRFIN20091124_065326_000000542084_00306_40440_2209.N1	24-NOV-2009 06:53:26	Twilight	54.000	171	2Eps Crv	3.0010	4250.0	108	40440	No
84	GOM_NL__2PRFIN20091124_070253_000000432084_00307_40441_2199.N1	24-NOV-2009 07:02:53	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	40441	No
85	GOM_NL__2PRFIN20091124_070942_000000542084_00307_40441_2200.N1	24-NOV-2009 07:09:42	Dark	54.000	41	Eps Car	1.8600	4100.0	108	40441	No
86	GOM_NL__2PRFIN20091124_071115_000000482084_00307_40441_2201.N1	24-NOV-2009 07:11:15	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40441	No
87	GOM_NL__2PRFIN20091124_071511_000000482084_00307_40441_2202.N1	24-NOV-2009 07:15:11	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40441	No
88	GOM_NL__2PRFIN20091124_072146_000000492084_00307_40441_2203.N1	24-NOV-2009 07:21:46	Dark	48.500	108	Alp Col	2.6520	15200.	97	40441	No
89	GOM_NL__2PRFIN20091124_073006_000000492084_00307_40441_2204.N1	24-NOV-2009 07:30:06	Straylight	48.500	165	34Gam Eri	2.9500	3200.0	97	40441	No
90	GOM_NL__2PRFIN20091124_073531_000000462084_00307_40441_2205.N1	24-NOV-2009 07:35:31	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40441	No
91	GOM_NL__2PRFIN20091124_074031_000000292084_00307_40441_2206.N1	24-NOV-2009 07:40:31	Twilight	29.000	13	87Alp Tau	0.86700	3800.0	58	40441	No
92	GOM_NL__2PRFIN20091124_074147_000000412084_00307_40441_2207.N1	24-NOV-2009 07:41:47	Bright	41.000	146	25Eta Tau	2.8730	15200.	82	40441	No
93	GOM_NL__2PRFIN20091124_074416_000000422084_00307_40441_2208.N1	24-NOV-2009 07:44:16	Bright	41.500	150	44Zet Per	2.8900	28000.	83	40441	No
94	GOM_NL__2PRFIN20091124_074612_000000392084_00307_40441_2209.N1	24-NOV-2009 07:46:12	Bright	38.500	79	26Bet Per	2.3100	13100.	77	40441	No
95	GOM_NL__2PRFIN20091124_074839_000000382084_00307_40441_2210.N1	24-NOV-2009 07:48:39	Bright	37.500	175	39Del Per	3.0100	19400.	75	40441	No
96	GOM_NL__2PRFIN20091124_080649_000000442084_00307_40441_2211.N1	24-NOV-2009 08:06:49	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40441	No
97	GOM_NL__2PRFIN20091124_080827_000000442084_00307_40441_2212.N1	24-NOV-2009 08:08:27	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	40441	No
98	GOM_NL__2PRFIN20091124_081001_000000442084_00307_40441_2213.N1	24-NOV-2009 08:10:01	Bright	44.000	87	64Gam UMa	2.4330	11000.	88	40441	No
99	GOM_NL__2PRFIN20091124_081245_000000472084_00307_40441_2214.N1	24-NOV-2009 08:12:45	Bright	46.500	174	52Psi UMa	3.0040	4400.0	93	40441	No
100	GOM_NL__2PRFIN20091124_081458_000000562084_00307_40441_2215.N1	24-NOV-2009 08:14:58	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40441	No
101	GOM_NL__2PRFIN20091124_082342_000000502084_00307_40441_2216.N1	24-NOV-2009 08:23:42	Bright	49.500	62	94Bet Leo	2.1360	9700.0	99	40441	No

102	GOM_NL__2PRFIN20091124_082708_000000412084_00307_40441_2217.N1	24-NOV-2009 08:27:08	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	40441	No
103	GOM_NL__2PRFIN20091124_083230_000000462084_00307_40441_2218.N1	24-NOV-2009 08:32:30	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	40441	No
104	GOM_NL__2PRFIN20091124_083403_000000482084_00307_40441_2219.N1	24-NOV-2009 08:34:03	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40441	No
105	GOM_NL__2PRFIN20091124_084330_000000452084_00308_40442_2208.N1	24-NOV-2009 08:43:30	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40442	No
106	GOM_NL__2PRFIN20091124_085019_000000452084_00308_40442_2209.N1	24-NOV-2009 08:50:19	Dark	44.500	41	Eps Car	1.8600	4100.0	89	40442	No
107	GOM_NL__2PRFIN20091124_085152_000000472084_00308_40442_2210.N1	24-NOV-2009 08:51:52	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40442	No
108	GOM_NL__2PRFIN20091124_085548_000000592084_00308_40442_2211.N1	24-NOV-2009 08:55:48	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	40442	No
109	GOM_NL__2PRFIN20091124_090223_000000502084_00308_40442_2212.N1	24-NOV-2009 09:02:23	Dark	50.000	108	Alp Col	2.6520	15200.	100	40442	No
110	GOM_NL__2PRFIN20091124_091043_000000502084_00308_40442_2213.N1	24-NOV-2009 09:10:43	Straylight	49.500	165	34Gam Eri	2.9500	3200.0	99	40442	No
111	GOM_NL__2PRFIN20091124_091607_000000462084_00308_40442_2214.N1	24-NOV-2009 09:16:07	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40442	No
112	GOM_NL__2PRFIN20091124_092107_000000362084_00308_40442_2215.N1	24-NOV-2009 09:21:07	Bright	36.000	13	87Alp Tau	0.86700	3800.0	72	40442	No
113	GOM_NL__2PRFIN20091124_092223_000000392084_00308_40442_2216.N1	24-NOV-2009 09:22:23	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	40442	No
114	GOM_NL__2PRFIN20091124_092452_000000412084_00308_40442_2217.N1	24-NOV-2009 09:24:52	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40442	No
115	GOM_NL__2PRFIN20091124_092648_000000372084_00308_40442_2218.N1	24-NOV-2009 09:26:48	Bright	36.500	79	26Bet Per	2.3100	13100.	73	40442	No
116	GOM_NL__2PRFIN20091124_092915_000000392084_00308_40442_2219.N1	24-NOV-2009 09:29:15	Bright	39.000	175	39Del Per	3.0100	19400.	78	40442	No
117	GOM_NL__2PRFIN20091124_094725_000000402084_00308_40442_2220.N1	24-NOV-2009 09:47:25	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	40442	No
118	GOM_NL__2PRFIN20091124_094902_000000422084_00308_40442_2221.N1	24-NOV-2009 09:49:02	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	40442	No
119	GOM_NL__2PRFIN20091124_095036_000000392084_00308_40442_2222.N1	24-NOV-2009 09:50:36	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	40442	No
120	GOM_NL__2PRFIN20091124_095320_000000492084_00308_40442_2223.N1	24-NOV-2009 09:53:20	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	40442	No
121	GOM_NL__2PRFIN20091124_095534_000000382084_00308_40442_2224.N1	24-NOV-2009 09:55:34	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	40442	No
122	GOM_NL__2PRFIN20091124_100418_000000502084_00308_40442_2225.N1	24-NOV-2009 10:04:18	Bright	49.500	62	94Bet Leo	2.1360	9700.0	99	40442	No
123	GOM_NL__2PRFIN20091124_100745_000000402084_00308_40442_2226.N1	24-NOV-2009 10:07:45	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	40442	No
124	GOM_NL__2PRFIN20091124_101306_000000442084_00308_40442_2227.N1	24-NOV-2009 10:13:06	Twilight	44.000	100	4Gam Crv	2.5800	13100.	88	40442	No
125	GOM_NL__2PRFIN20091124_101439_000000462084_00308_40442_2228.N1	24-NOV-2009 10:14:39	Twilight	46.000	171	2Eps Crv	3.0010	4250.0	92	40442	No
126	GOM_NL__2PRFIN20091124_102407_000000422084_00309_40443_2224.N1	24-NOV-2009 10:24:07	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	40443	No
127	GOM_NL__2PRFIN20091124_103056_000000432084_00309_40443_2225.N1	24-NOV-2009 10:30:56	Dark	43.000	41	Eps Car	1.8600	4100.0	86	40443	No
128	GOM_NL__2PRFIN20091124_103228_000000472084_00309_40443_2226.N1	24-NOV-2009 10:32:28	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40443	No
129	GOM_NL__2PRFIN20091124_103624_000000492084_00309_40443_2227.N1	24-NOV-2009 10:36:24	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	40443	No
130	GOM_NL__2PRFIN20091124_104259_000000492084_00309_40443_2228.N1	24-NOV-2009 10:42:59	Dark	49.000	108	Alp Col	2.6520	15200.	98	40443	No
131	GOM_NL__2PRFIN20091124_105119_000000502084_00309_40443_2229.N1	24-NOV-2009 10:51:19	Straylight	49.500	165	34Gam Eri	2.9500	3200.0	99	40443	No
132	GOM_NL__2PRFIN20091124_105643_000000462084_00309_40443_2230.N1	24-NOV-2009 10:56:43	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40443	No
133	GOM_NL__2PRFIN20091124_110142_000000362084_00309_40443_2231.N1	24-NOV-2009 11:01:42	Bright	36.000	13	87Alp Tau	0.86700	3800.0	72	40443	No
134	GOM_NL__2PRFIN20091124_110258_000000422084_00309_40443_2232.N1	24-NOV-2009 11:02:58	Bright	41.500	146	25Eta Tau	2.8730	15200.	83	40443	No
135	GOM_NL__2PRFIN20091124_110527_000000412084_00309_40443_2233.N1	24-NOV-2009 11:05:27	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40443	No
136	GOM_NL__2PRFIN20091124_110724_000000372084_00309_40443_2234.N1	24-NOV-2009 11:07:24	Bright	37.000	79	26Bet Per	2.3100	13100.	74	40443	No
137	GOM_NL__2PRFIN20091124_110950_000000422084_00309_40443_2235.N1	24-NOV-2009 11:09:50	Bright	41.500	175	39Del Per	3.0100	19400.	83	40443	No
138	GOM_NL__2PRFIN20091124_112800_000000452084_00309_40443_2236.N1	24-NOV-2009 11:28:00	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	40443	No
139	GOM_NL__2PRFIN20091124_112938_000000462084_00309_40443_2237.N1	24-NOV-2009 11:29:38	Bright	45.500	82	48Bet UMa	2.3650	10600.	91	40443	No
140	GOM_NL__2PRFIN20091124_113112_000000412084_00309_40443_2238.N1	24-NOV-2009 11:31:12	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	40443	No
141	GOM_NL__2PRFIN20091124_113356_000000492084_00309_40443_2239.N1	24-NOV-2009 11:33:56	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	40443	No
142	GOM_NL__2PRFIN20091124_113610_000000372084_00309_40443_2240.N1	24-NOV-2009 11:36:10	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	40443	No
143	GOM_NL__2PRFIN20091124_114455_000000512084_00309_40443_2241.N1	24-NOV-2009 11:44:55	Bright	50.500	62	94Bet Leo	2.1360	9700.0	101	40443	No
144	GOM_NL__2PRFIN20091124_114821_000000572084_00309_40443_2242.N1	24-NOV-2009 11:48:21	Bright	57.000	121	29Gam Vir	2.7400	7200.0	114	40443	No
145	GOM_NL__2PRFIN20091124_115342_000000432084_00309_40443_2243.N1	24-NOV-2009 11:53:42	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	40443	No
146	GOM_NL__2PRFIN20091124_115516_000000482084_00309_40443_2244.N1	24-NOV-2009 11:55:16	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40443	No
147	GOM_NL__2PRFIN20091124_120443_000000442084_00310_40444_2234.N1	24-NOV-2009 12:04:43	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40444	No
148	GOM_NL__2PRFIN20091124_121132_000000482084_00310_40444_2235.N1	24-NOV-2009 12:11:32	Dark	48.000	41	Eps Car	1.8600	4100.0	96	40444	No
149	GOM_NL__2PRFIN20091124_121305_000000532084_00310_40444_2236.N1	24-NOV-2009 12:13:05	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	40444	No
150	GOM_NL__2PRFIN20091124_121700_000000592084_00310_40444_2237.N1	24-NOV-2009 12:17:00	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	40444	No
151	GOM_NL__2PRFIN20091124_122335_000000492084_00310_40444_2238.N1	24-NOV-2009 12:23:35	Dark	49.000	108	Alp Col	2.6520	15200.	98	40444	No
152	GOM_NL__2PRFIN20091124_123155_000000472084_00310_40444_2239.N1	24-NOV-2009 12:31:55	Straylight	47.000	165	34Gam Eri	2.9500	3200.0	94	40444	No
153	GOM_NL__2PRFIN20091124_123719_000000472084_00310_40444_2240.N1	24-NOV-2009 12:37:19	Twilight	46.500	94	92Alp Cet	2.5260	3100.0	93	40444	No
154	GOM_NL__2PRFIN20091124_124217_000000432084_00310_40444_2241.N1	24-NOV-2009 12:42:17	Bright	43.000	13	87Alp Tau	0.86700	3800.0	86	40444	No
155	GOM_NL__2PRFIN20091124_124334_000000402084_00310_40444_2242.N1	24-NOV-2009 12:43:34	Bright	40.000	146	25Eta Tau	2.8730	15200.	80	40444	No
156	GOM_NL__2PRFIN20091124_124603_000000412084_00310_40444_2243.N1	24-NOV-2009 12:46:03	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40444	No
157	GOM_NL__2PRFIN20091124_124800_000000372084_00310_40444_2244.N1	24-NOV-2009 12:48:00	Bright	37.000	79	26Bet Per	2.3100	13100.	74	40444	No
158	GOM_NL__2PRFIN20091124_125026_000000372084_00310_40444_2245.N1	24-NOV-2009 12:50:26	Bright	37.000	175	39Del Per	3.0100	19400.	74	40444	No
159	GOM_NL__2PRFIN20091124_130836_000000452084_00310_40444_2246.N1	24-NOV-2009 13:08:36	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	40444	No
160	GOM_NL__2PRFIN20091124_131014_000000452084_00310_40444_2247.N1	24-NOV-2009 13:10:14	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	40444	No



161	GOM_NL__2PRFIN20091124_131148_000000402084_00310_40444_2248.N1	24-NOV-2009 13:11:48	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	40444	No
162	GOM_NL__2PRFIN20091124_131432_000000432084_00310_40444_2249.N1	24-NOV-2009 13:14:32	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	40444	No
163	GOM_NL__2PRFIN20091124_131646_000000532084_00310_40444_2250.N1	24-NOV-2009 13:16:46	Bright	52.500	152	12Alp2CVn	2.8900	11000.	105	40444	No
164	GOM_NL__2PRFIN20091124_132531_000000482084_00310_40444_2251.N1	24-NOV-2009 13:25:31	Bright	48.000	62	94Bet Leo	2.1360	9700.0	96	40444	No
165	GOM_NL__2PRFIN20091124_132858_000000522084_00310_40444_2252.N1	24-NOV-2009 13:28:58	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40444	No
166	GOM_NL__2PRFIN20091124_133419_000000462084_00310_40444_2253.N1	24-NOV-2009 13:34:19	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	40444	No
167	GOM_NL__2PRFIN20091124_133553_000000482084_00310_40444_2254.N1	24-NOV-2009 13:35:53	Twilight	48.000	171	2Eps Crv	3.0010	4250.0	96	40444	No
168	GOM_NL__2PRFIN20091124_134520_000000482084_00311_40445_2264.N1	24-NOV-2009 13:45:20	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40445	No
169	GOM_NL__2PRFIN20091124_135208_000000452084_00311_40445_2265.N1	24-NOV-2009 13:52:08	Dark	44.500	41	Eps Car	1.8600	4100.0	89	40445	No
170	GOM_NL__2PRFIN20091124_135342_000000472084_00311_40445_2266.N1	24-NOV-2009 13:53:42	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40445	No
171	GOM_NL__2PRFIN20091124_135737_000000442084_00311_40445_2267.N1	24-NOV-2009 13:57:37	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	40445	No
172	GOM_NL__2PRFIN20091124_140412_000000502084_00311_40445_2268.N1	24-NOV-2009 14:04:12	Dark	50.000	108	Alp Col	2.6520	15200.	100	40445	No
173	GOM_NL__2PRFIN20091124_141230_000000492084_00311_40445_2269.N1	24-NOV-2009 14:12:30	Straylight	48.500	165	34Gam Eri	2.9500	3200.0	97	40445	No
174	GOM_NL__2PRFIN20091124_141755_000000462084_00311_40445_2270.N1	24-NOV-2009 14:17:55	Twilight	45.500	94	92Alp Cet	2.5260	3100.0	91	40445	No
175	GOM_NL__2PRFIN20091124_142253_000000432084_00311_40445_2271.N1	24-NOV-2009 14:22:53	Bright	43.000	13	87Alp Tau	0.86700	3800.0	86	40445	No
176	GOM_NL__2PRFIN20091124_142409_000000412084_00311_40445_2272.N1	24-NOV-2009 14:24:09	Bright	40.500	146	25Eta Tau	2.8730	15200.	81	40445	No
177	GOM_NL__2PRFIN20091124_142638_000000412084_00311_40445_2273.N1	24-NOV-2009 14:26:38	Bright	41.000	150	44Zet Per	2.8900	28000.	82	40445	No
178	GOM_NL__2PRFIN20091124_142835_000000382084_00311_40445_2274.N1	24-NOV-2009 14:28:35	Bright	37.500	79	26Bet Per	2.3100	13100.	75	40445	No
179	GOM_NL__2PRFIN20091124_143102_000000382084_00311_40445_2275.N1	24-NOV-2009 14:31:02	Bright	38.000	175	39Del Per	3.0100	19400.	76	40445	No
180	GOM_NL__2PRFIN20091124_144911_000000462084_00311_40445_2276.N1	24-NOV-2009 14:49:11	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40445	No
181	GOM_NL__2PRFIN20091124_145049_000000432084_00311_40445_2277.N1	24-NOV-2009 14:50:49	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	40445	No
182	GOM_NL__2PRFIN20091124_145223_000000602084_00311_40445_2278.N1	24-NOV-2009 14:52:23	Bright	60.000	87	64Gam UMa	2.4330	11000.	120	40445	No
183	GOM_NL__2PRFIN20091124_145508_000000432084_00311_40445_2279.N1	24-NOV-2009 14:55:08	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	40445	No
184	GOM_NL__2PRFIN20091124_145722_000000372084_00311_40445_2280.N1	24-NOV-2009 14:57:22	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	40445	No
185	GOM_NL__2PRFIN20091124_150608_000000512084_00311_40445_2281.N1	24-NOV-2009 15:06:08	Bright	51.000	62	94Bet Leo	2.1360	9700.0	102	40445	No
186	GOM_NL__2PRFIN20091124_150934_000000472084_00311_40445_2282.N1	24-NOV-2009 15:09:34	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	40445	No
187	GOM_NL__2PRFIN20091124_151456_000000482084_00311_40445_2283.N1	24-NOV-2009 15:14:56	Twilight	48.000	100	4Gam Crv	2.5800	13100.	96	40445	No
188	GOM_NL__2PRFIN20091124_151629_000000452084_00311_40445_2284.N1	24-NOV-2009 15:16:29	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	40445	No
189	GOM_NL__2PRFIN20091124_152556_000000402084_00312_40446_2274.N1	24-NOV-2009 15:25:56	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	40446	No
190	GOM_NL__2PRFIN20091124_153245_000000442084_00312_40446_2275.N1	24-NOV-2009 15:32:45	Dark	44.000	41	Eps Car	1.8600	4100.0	88	40446	No
191	GOM_NL__2PRFIN20091124_153419_000000492084_00312_40446_2276.N1	24-NOV-2009 15:34:19	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40446	No
192	GOM_NL__2PRFIN20091124_153814_000000582084_00312_40446_2277.N1	24-NOV-2009 15:38:14	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	40446	No
193	GOM_NL__2PRFIN20091124_154448_000000512084_00312_40446_2278.N1	24-NOV-2009 15:44:48	Dark	51.000	108	Alp Col	2.6520	15200.	102	40446	No
194	GOM_NL__2PRFIN20091124_155307_000000492084_00312_40446_2279.N1	24-NOV-2009 15:53:07	Straylight	49.000	165	34Gam Eri	2.9500	3200.0	98	40446	No
195	GOM_NL__2PRFIN20091124_155831_000000452084_00312_40446_2280.N1	24-NOV-2009 15:58:31	Twilight	44.500	94	92Alp Cet	2.5260	3100.0	89	40446	No
196	GOM_NL__2PRFIN20091124_160328_000000502084_00312_40446_2281.N1	24-NOV-2009 16:03:28	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40446	No
197	GOM_NL__2PRFIN20091124_160445_000000412084_00312_40446_2282.N1	24-NOV-2009 16:04:45	Bright	40.500	146	25Eta Tau	2.8730	15200.	81	40446	No
198	GOM_NL__2PRFIN20091124_160714_000000392084_00312_40446_2283.N1	24-NOV-2009 16:07:14	Bright	39.000	150	44Zet Per	2.8900	28000.	78	40446	No
199	GOM_NL__2PRFIN20091124_160911_000000392084_00312_40446_2284.N1	24-NOV-2009 16:09:11	Bright	38.500	79	26Bet Per	2.3100	13100.	77	40446	No
200	GOM_NL__2PRFIN20091124_161137_000000382084_00312_40446_2285.N1	24-NOV-2009 16:11:37	Bright	38.000	175	39Del Per	3.0100	19400.	76	40446	No
201	GOM_NL__2PRFIN20091124_162947_000000392084_00312_40446_2286.N1	24-NOV-2009 16:29:47	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	40446	No
202	GOM_NL__2PRFIN20091124_163125_000000412084_00312_40446_2287.N1	24-NOV-2009 16:31:25	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40446	No
203	GOM_NL__2PRFIN20091124_163259_000000602084_00312_40446_2288.N1	24-NOV-2009 16:32:59	Bright	60.000	87	64Gam UMa	2.4330	11000.	120	40446	No
204	GOM_NL__2PRFIN20091124_163544_000000372084_00312_40446_2289.N1	24-NOV-2009 16:35:44	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	40446	No
205	GOM_NL__2PRFIN20091124_163758_000000362084_00312_40446_2290.N1	24-NOV-2009 16:37:58	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	40446	No
206	GOM_NL__2PRFIN20091124_164645_000000542084_00312_40446_2291.N1	24-NOV-2009 16:46:45	Bright	53.500	62	94Bet Leo	2.1360	9700.0	107	40446	No
207	GOM_NL__2PRFIN20091124_165010_000000462084_00312_40446_2292.N1	24-NOV-2009 16:50:10	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	40446	No
208	GOM_NL__2PRFIN20091124_165532_000000462084_00312_40446_2293.N1	24-NOV-2009 16:55:32	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	40446	No
209	GOM_NL__2PRFIN20091124_165706_000000482084_00312_40446_2294.N1	24-NOV-2009 16:57:06	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40446	No
210	GOM_NL__2PRFIN20091124_170633_000000522084_00313_40447_2297.N1	24-NOV-2009 17:06:33	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40447	No
211	GOM_NL__2PRFIN20091124_171322_000000472084_00313_40447_2298.N1	24-NOV-2009 17:13:22	Dark	47.000	41	Eps Car	1.8600	4100.0	94	40447	No
212	GOM_NL__2PRFIN20091124_171456_000000522084_00313_40447_2299.N1	24-NOV-2009 17:14:56	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40447	No
213	GOM_NL__2PRFIN20091124_171850_000000592084_00313_40447_2300.N1	24-NOV-2009 17:18:50	Dark	58.500	2	Alp Car	-0.73600	7000.0	117	40447	No
214	GOM_NL__2PRFIN20091124_172524_000000502084_00313_40447_2301.N1	24-NOV-2009 17:25:24	Dark	50.000	108	Alp Col	2.6520	15200.	100	40447	No
215	GOM_NL__2PRFIN20091124_173343_000000482084_00313_40447_2302.N1	24-NOV-2009 17:33:43	Straylight	48.000	165	34Gam Eri	2.9500	3200.0	96	40447	No
216	GOM_NL__2PRFIN20091124_173907_000000452084_00313_40447_2303.N1	24-NOV-2009 17:39:07	Twilight	45.000	94	92Alp Cet	2.5260	3100.0	90	40447	No
217	GOM_NL__2PRFIN20091124_174404_000000502084_00313_40447_2304.N1	24-NOV-2009 17:44:04	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40447	No
218	GOM_NL__2PRFIN20091124_174521_000000402084_00313_40447_2305.N1	24-NOV-2009 17:45:21	Bright	40.000	146	25Eta Tau	2.8730	15200.	80	40447	No
219	GOM_NL__2PRFIN20091124_174749_000000592084_00313_40447_2306.N1	24-NOV-2009 17:47:49	Bright	59.000	150	44Zet Per	2.8900	28000.	118	40447	No

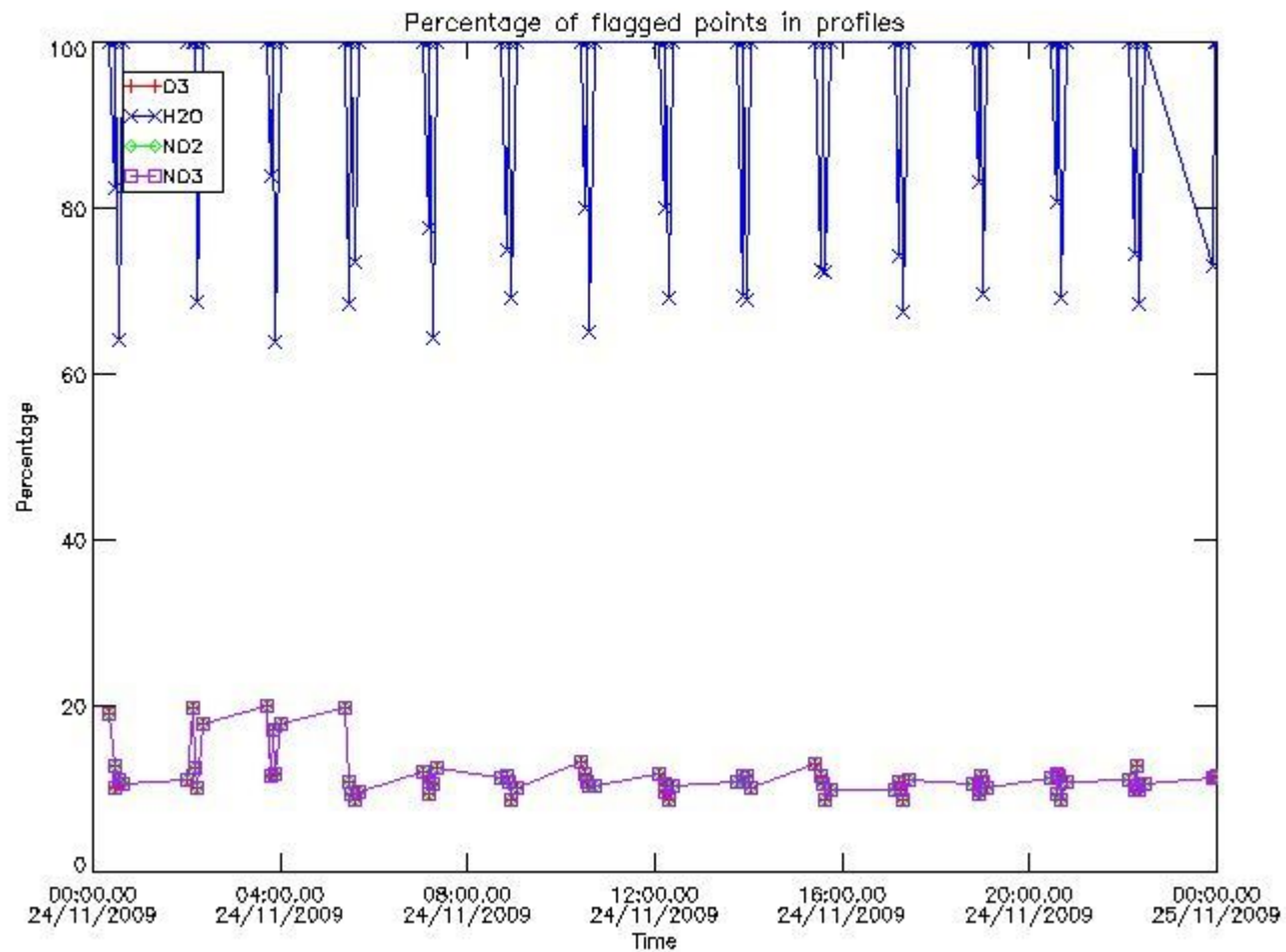
220	GOM_NL__2PRFIN20091124_174947_000000542084_00313_40447_2307.N1	24-NOV-2009 17:49:47	Bright	54.000	79	26Bet Per	2.3100	13100.	108	40447	No
221	GOM_NL__2PRFIN20091124_175213_000000382084_00313_40447_2308.N1	24-NOV-2009 17:52:13	Bright	38.000	175	39Del Per	3.0100	19400.	76	40447	No
222	GOM_NL__2PRFIN20091124_181023_000000392084_00313_40447_2309.N1	24-NOV-2009 18:10:23	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	40447	No
223	GOM_NL__2PRFIN20091124_181201_000000412084_00313_40447_2310.N1	24-NOV-2009 18:12:01	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40447	No
224	GOM_NL__2PRFIN20091124_181335_000000402084_00313_40447_2311.N1	24-NOV-2009 18:13:35	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	40447	No
225	GOM_NL__2PRFIN20091124_181619_000000372084_00313_40447_2312.N1	24-NOV-2009 18:16:19	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	40447	No
226	GOM_NL__2PRFIN20091124_181834_000000472084_00313_40447_2313.N1	24-NOV-2009 18:18:34	Bright	46.500	152	12Alp2CVn	2.8900	11000.	93	40447	No
227	GOM_NL__2PRFIN20091124_182721_000000542084_00313_40447_2314.N1	24-NOV-2009 18:27:21	Bright	53.500	62	94Bet Leo	2.1360	9700.0	107	40447	No
228	GOM_NL__2PRFIN20091124_183046_000000412084_00313_40447_2315.N1	24-NOV-2009 18:30:46	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	40447	No
229	GOM_NL__2PRFIN20091124_183609_000000462084_00313_40447_2316.N1	24-NOV-2009 18:36:09	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	40447	No
230	GOM_NL__2PRFIN20091124_183742_000000482084_00313_40447_2317.N1	24-NOV-2009 18:37:42	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40447	No
231	GOM_NL__2PRFIN20091124_184710_000000482084_00314_40448_2301.N1	24-NOV-2009 18:47:10	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	40448	No
232	GOM_NL__2PRFIN20091124_185358_000000542084_00314_40448_2302.N1	24-NOV-2009 18:53:58	Dark	54.000	41	Eps Car	1.8600	4100.0	108	40448	No
233	GOM_NL__2PRFIN20091124_185533_000000512084_00314_40448_2303.N1	24-NOV-2009 18:55:33	Dark	51.000	34	Gam2Vel	1.7930	23000.	102	40448	No
234	GOM_NL__2PRFIN20091124_185702_000000442084_00314_40448_2304.N1	24-NOV-2009 18:57:02	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40448	No
235	GOM_NL__2PRFIN20091124_185927_000000462084_00314_40448_2305.N1	24-NOV-2009 18:59:27	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40448	No
236	GOM_NL__2PRFIN20091124_190601_000000512084_00314_40448_2306.N1	24-NOV-2009 19:06:01	Dark	50.500	108	Alp Col	2.6520	15200.	101	40448	No
237	GOM_NL__2PRFIN20091124_191419_000000462084_00314_40448_2307.N1	24-NOV-2009 19:14:19	Straylight	46.000	165	34Gam Eri	2.9500	3200.0	92	40448	No
238	GOM_NL__2PRFIN20091124_191943_000000452084_00314_40448_2308.N1	24-NOV-2009 19:19:43	Twilight	45.000	94	92Alp Cet	2.5260	3100.0	90	40448	No
239	GOM_NL__2PRFIN20091124_192439_000000572084_00314_40448_2309.N1	24-NOV-2009 19:24:39	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40448	No
240	GOM_NL__2PRFIN20091124_192825_000000422084_00314_40448_2310.N1	24-NOV-2009 19:28:25	Bright	41.500	150	44Zet Per	2.8900	28000.	83	40448	No
241	GOM_NL__2PRFIN20091124_193023_000000392084_00314_40448_2311.N1	24-NOV-2009 19:30:23	Bright	39.000	79	26Bet Per	2.3100	13100.	78	40448	No
242	GOM_NL__2PRFIN20091124_193248_000000382084_00314_40448_2312.N1	24-NOV-2009 19:32:48	Bright	37.500	175	39Del Per	3.0100	19400.	75	40448	No
243	GOM_NL__2PRFIN20091124_195059_000000462084_00314_40448_2313.N1	24-NOV-2009 19:50:59	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40448	No
244	GOM_NL__2PRFIN20091124_195236_000000452084_00314_40448_2314.N1	24-NOV-2009 19:52:36	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	40448	No
245	GOM_NL__2PRFIN20091124_195408_000000352084_00314_40448_2315.N1	24-NOV-2009 19:54:08	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	40448	No
246	GOM_NL__2PRFIN20091124_195655_000000302084_00314_40448_2316.N1	24-NOV-2009 19:56:55	Twilight	30.000	174	52Psi UMa	3.0040	4400.0	60	40448	No
247	GOM_NL__2PRFIN20091124_195911_000000532084_00314_40448_2317.N1	24-NOV-2009 19:59:11	Bright	53.000	152	12Alp2CVn	2.8900	11000.	106	40448	No
248	GOM_NL__2PRFIN20091124_200758_000000522084_00314_40448_2318.N1	24-NOV-2009 20:07:58	Bright	52.000	62	94Bet Leo	2.1360	9700.0	104	40448	No
249	GOM_NL__2PRFIN20091124_201123_000000572084_00314_40448_2319.N1	24-NOV-2009 20:11:23	Bright	57.000	121	29Gam Vir	2.7400	7200.0	114	40448	No
250	GOM_NL__2PRFIN20091124_201645_000000462084_00314_40448_2320.N1	24-NOV-2009 20:16:45	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	40448	No
251	GOM_NL__2PRFIN20091124_201819_000000462084_00314_40448_2321.N1	24-NOV-2009 20:18:19	Twilight	46.000	171	2Eps Crv	3.0010	4250.0	92	40448	No
252	GOM_NL__2PRFIN20091124_202746_000000452084_00315_40449_2311.N1	24-NOV-2009 20:27:46	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40449	No
253	GOM_NL__2PRFIN20091124_203435_000000472084_00315_40449_2312.N1	24-NOV-2009 20:34:35	Dark	47.000	41	Eps Car	1.8600	4100.0	94	40449	No
254	GOM_NL__2PRFIN20091124_203609_000000542084_00315_40449_2313.N1	24-NOV-2009 20:36:09	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	40449	No
255	GOM_NL__2PRFIN20091124_203739_000000442084_00315_40449_2314.N1	24-NOV-2009 20:37:39	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40449	No
256	GOM_NL__2PRFIN20091124_204003_000000592084_00315_40449_2315.N1	24-NOV-2009 20:40:03	Dark	58.500	2	Alp Car	-0.73600	7000.0	117	40449	No
257	GOM_NL__2PRFIN20091124_204637_000000482084_00315_40449_2316.N1	24-NOV-2009 20:46:37	Dark	47.500	108	Alp Col	2.6520	15200.	95	40449	No
258	GOM_NL__2PRFIN20091124_205455_000000472084_00315_40449_2317.N1	24-NOV-2009 20:54:55	Straylight	46.500	165	34Gam Eri	2.9500	3200.0	93	40449	No
259	GOM_NL__2PRFIN20091124_210026_000000392084_00315_40449_2318.N1	24-NOV-2009 21:00:26	Dark	38.500	94	92Alp Cet	2.5260	3100.0	77	40449	Yes
260	GOM_NL__2PRFIN20091124_210514_000000572084_00315_40449_2319.N1	24-NOV-2009 21:05:14	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40449	No
261	GOM_NL__2PRFIN20091124_210901_000000402084_00315_40449_2320.N1	24-NOV-2009 21:09:01	Bright	39.500	150	44Zet Per	2.8900	28000.	79	40449	No
262	GOM_NL__2PRFIN20091124_211059_000000392084_00315_40449_2321.N1	24-NOV-2009 21:10:59	Bright	39.000	79	26Bet Per	2.3100	13100.	78	40449	No
263	GOM_NL__2PRFIN20091124_211324_000000372084_00315_40449_2322.N1	24-NOV-2009 21:13:24	Bright	37.000	175	39Del Per	3.0100	19400.	74	40449	No
264	GOM_NL__2PRFIN20091124_213134_000000432084_00315_40449_2323.N1	24-NOV-2009 21:31:34	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40449	No
265	GOM_NL__2PRFIN20091124_213312_000000422084_00315_40449_2324.N1	24-NOV-2009 21:33:12	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	40449	No
266	GOM_NL__2PRFIN20091124_213445_000000372084_00315_40449_2325.N1	24-NOV-2009 21:34:45	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	40449	No
267	GOM_NL__2PRFIN20091124_213731_000000302084_00315_40449_2326.N1	24-NOV-2009 21:37:31	Twilight	30.000	174	52Psi UMa	3.0040	4400.0	60	40449	No
268	GOM_NL__2PRFIN20091124_213947_000000562084_00315_40449_2327.N1	24-NOV-2009 21:39:47	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40449	No
269	GOM_NL__2PRFIN20091124_214834_000000702084_00315_40449_2328.N1	24-NOV-2009 21:48:34	Bright	70.000	62	94Bet Leo	2.1360	9700.0	140	40449	No
270	GOM_NL__2PRFIN20091124_215159_000000402084_00315_40449_2329.N1	24-NOV-2009 21:51:59	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	40449	No
271	GOM_NL__2PRFIN20091124_215722_000000452084_00315_40449_2330.N1	24-NOV-2009 21:57:22	Twilight	44.500	100	4Gam Crv	2.5800	13100.	89	40449	No
272	GOM_NL__2PRFIN20091124_215856_000000462084_00315_40449_2331.N1	24-NOV-2009 21:58:56	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	40449	No
273	GOM_NL__2PRFIN20091124_220823_000000462084_00316_40450_2320.N1	24-NOV-2009 22:08:23	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40450	No
274	GOM_NL__2PRFIN20091124_221511_000000522084_00316_40450_2321.N1	24-NOV-2009 22:15:11	Dark	51.500	41	Eps Car	1.8600	4100.0	103	40450	No
275	GOM_NL__2PRFIN20091124_221646_000000552084_00316_40450_2322.N1	24-NOV-2009 22:16:46	Dark	54.500	34	Gam2Vel	1.7930	23000.	109	40450	No
276	GOM_NL__2PRFIN20091124_221816_000000442084_00316_40450_2323.N1	24-NOV-2009 22:18:16	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40450	No
277	GOM_NL__2PRFIN20091124_222039_000000512084_00316_40450_2324.N1	24-NOV-2009 22:20:39	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	40450	No
278	GOM_NL__2PRFIN20091124_222714_000000482084_00316_40450_2325.N1	24-NOV-2009 22:27:14	Dark	48.000	108	Alp Col	2.6520	15200.	96	40450	No

279	GOM_NL__2PRFIN20091124_223531_000000462084_00316_40450_2326.N1	24-NOV-2009 22:35:31	Straylight	45.500	165	34Gam Eri	2.9500	3200.0	91	40450	No
280	GOM_NL__2PRFIN20091124_224550_000000642084_00316_40450_2327.N1	24-NOV-2009 22:45:50	Bright	64.000	13	87Alp Tau	0.86700	3800.0	128	40450	No
281	GOM_NL__2PRFIN20091124_224936_000000412084_00316_40450_2328.N1	24-NOV-2009 22:49:36	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40450	No
282	GOM_NL__2PRFIN20091124_225134_000000382084_00316_40450_2329.N1	24-NOV-2009 22:51:34	Bright	38.000	79	26Bet Per	2.3100	13100.	76	40450	No
283	GOM_NL__2PRFIN20091124_225400_000000372084_00316_40450_2330.N1	24-NOV-2009 22:54:00	Bright	37.000	175	39Del Per	3.0100	19400.	74	40450	No
284	GOM_NL__2PRFIN20091124_231210_000000412084_00316_40450_2331.N1	24-NOV-2009 23:12:10	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	40450	No
285	GOM_NL__2PRFIN20091124_231348_000000652084_00316_40450_2332.N1	24-NOV-2009 23:13:48	Bright	65.000	82	48Bet UMa	2.3650	10600.	130	40450	No
286	GOM_NL__2PRFIN20091124_231521_000000532084_00316_40450_2333.N1	24-NOV-2009 23:15:21	Bright	53.000	55	79Zet UMa	2.0600	10200.	106	40450	No
287	GOM_NL__2PRFIN20091124_232022_000000562084_00316_40450_2334.N1	24-NOV-2009 23:20:22	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40450	No
288	GOM_NL__2PRFIN20091124_232910_000000452084_00316_40450_2335.N1	24-NOV-2009 23:29:10	Bright	44.500	62	94Bet Leo	2.1360	9700.0	89	40450	No
289	GOM_NL__2PRFIN20091124_233236_000000572084_00316_40450_2336.N1	24-NOV-2009 23:32:36	Bright	57.000	121	29Gam Vir	2.7400	7200.0	114	40450	No
290	GOM_NL__2PRFIN20091124_233758_000000442084_00316_40450_2337.N1	24-NOV-2009 23:37:58	Twilight	44.000	100	4Gam Crv	2.5800	13100.	88	40450	No
291	GOM_NL__2PRFIN20091124_233932_000000452084_00316_40450_2338.N1	24-NOV-2009 23:39:32	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	40450	No
292	GOM_NL__2PRFIN20091124_235548_000000452084_00317_40451_2330.N1	24-NOV-2009 23:55:48	Dark	45.000	41	Eps Car	1.8600	4100.0	90	40451	No
293	GOM_NL__2PRFIN20091124_235723_000000492084_00317_40451_2331.N1	24-NOV-2009 23:57:23	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40451	No
294	GOM_NL__2PRFIN20091124_235853_000000442084_00317_40451_2332.N1	24-NOV-2009 23:58:53	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40451	No

### 3. Quality information per product

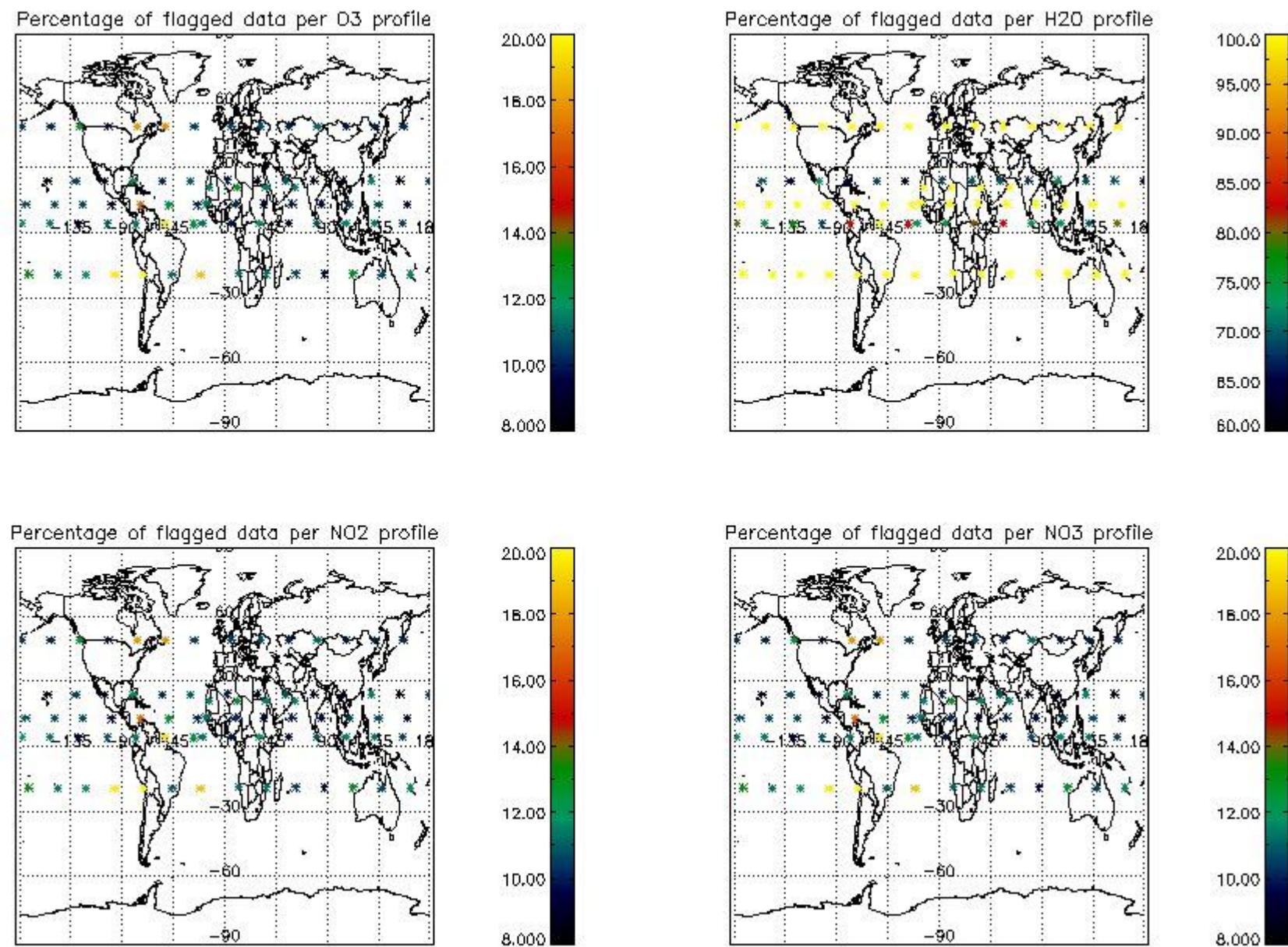
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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





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



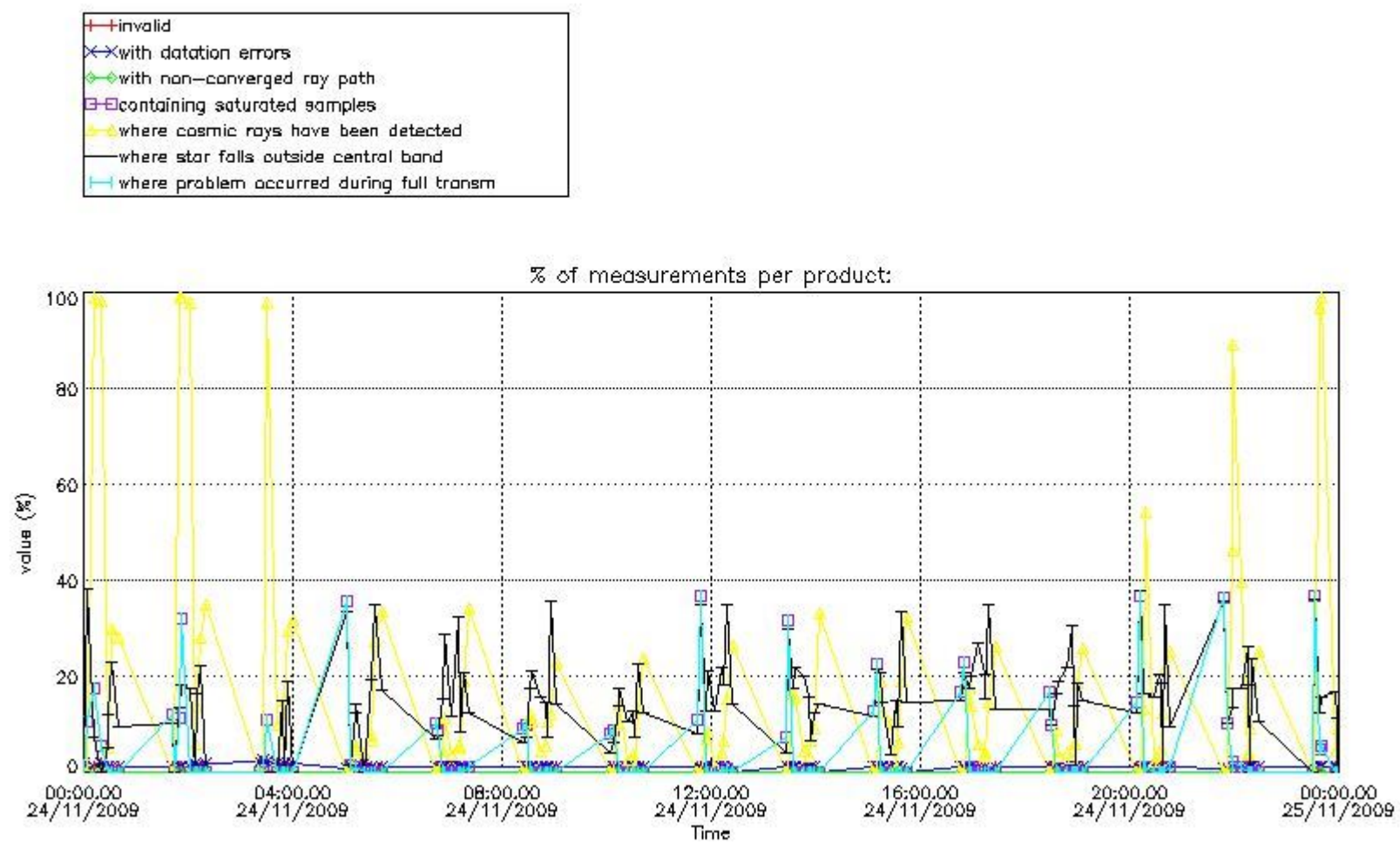
### 4. Level 1 quality information per product

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.

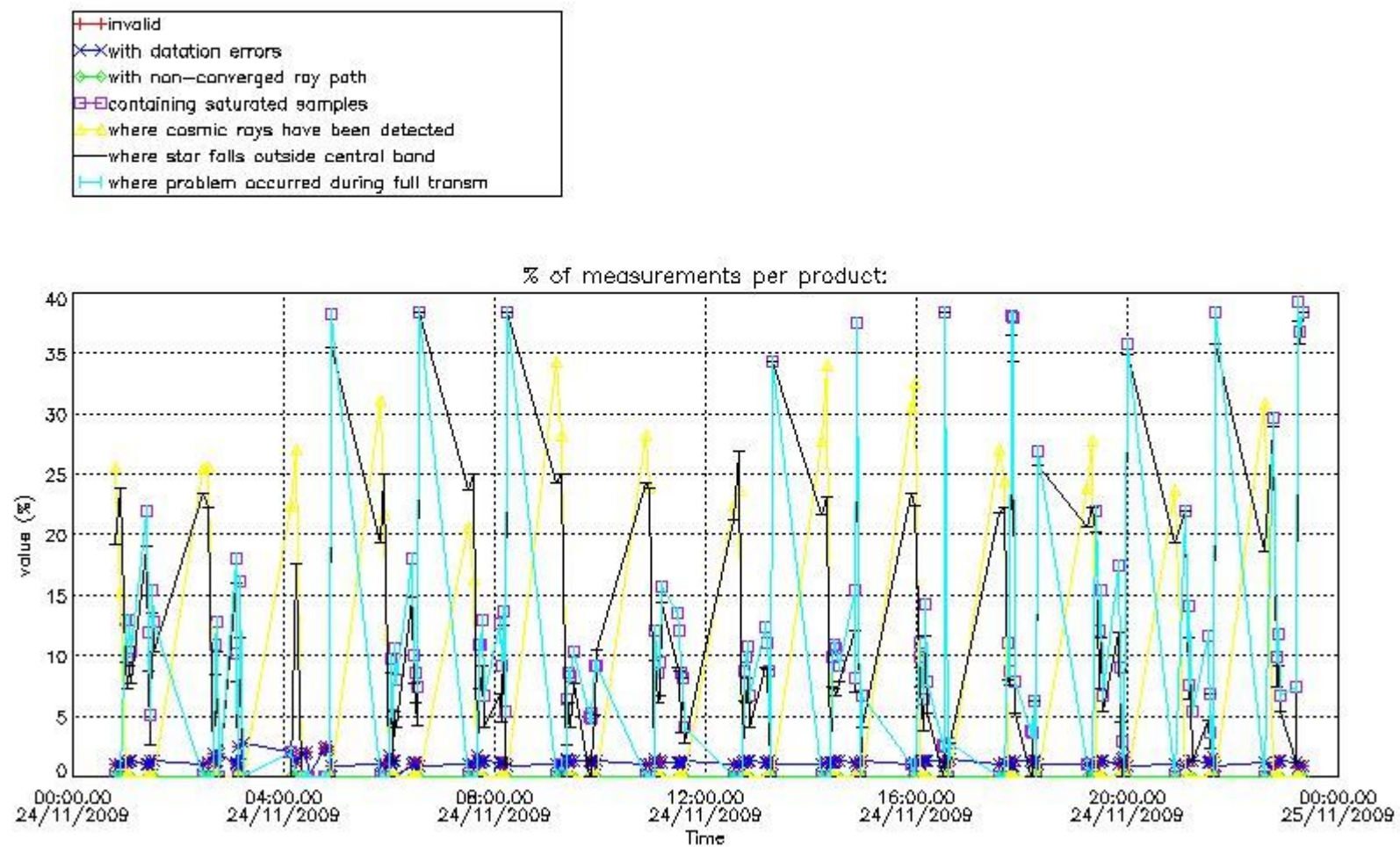
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





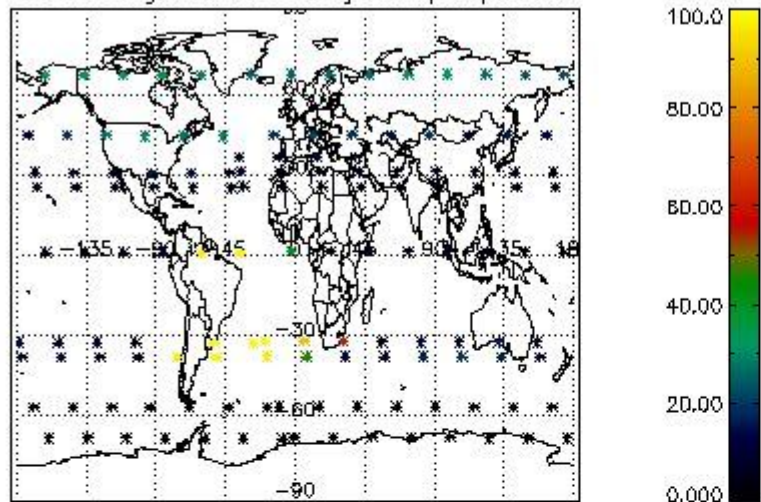
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



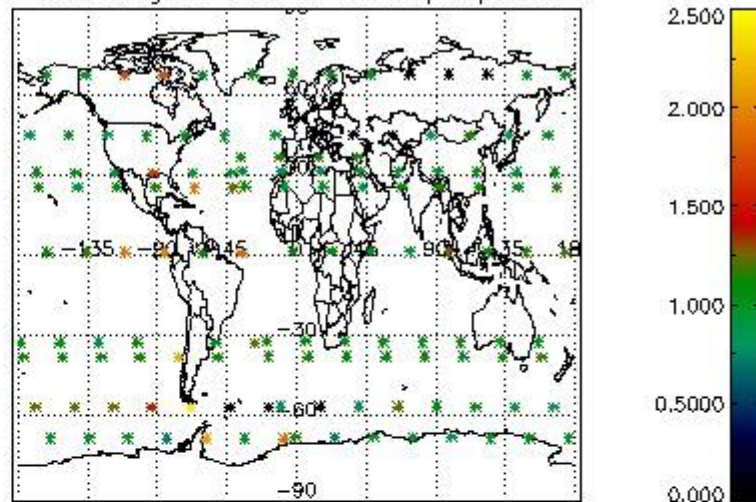
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

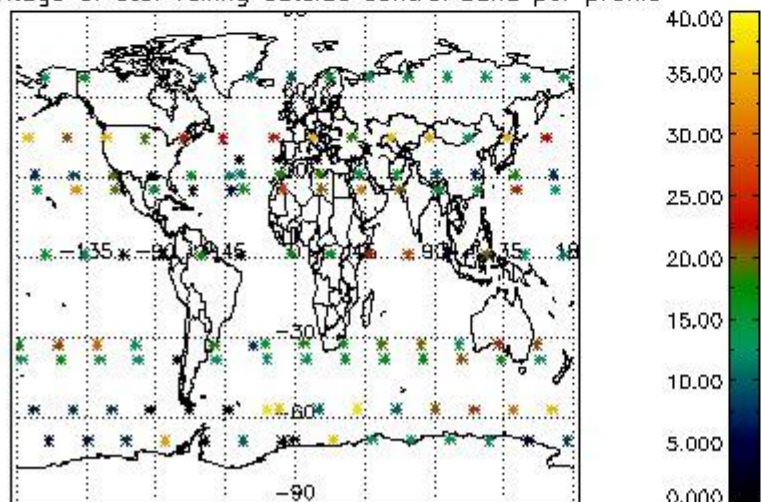
Percentage of cosmic ray hits per profile



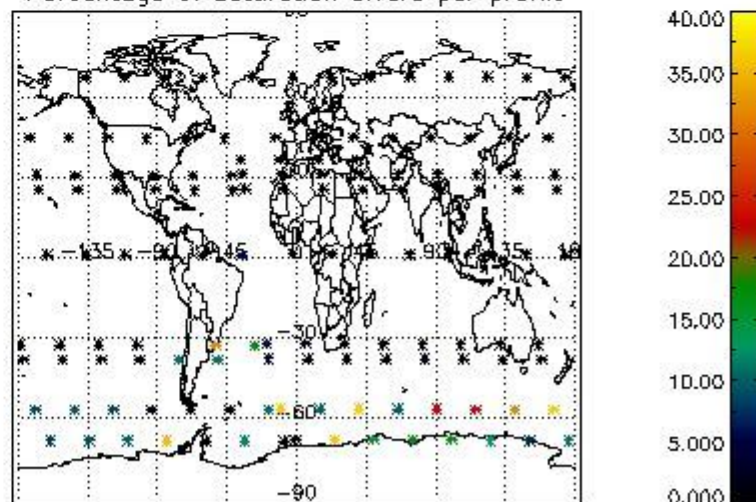
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

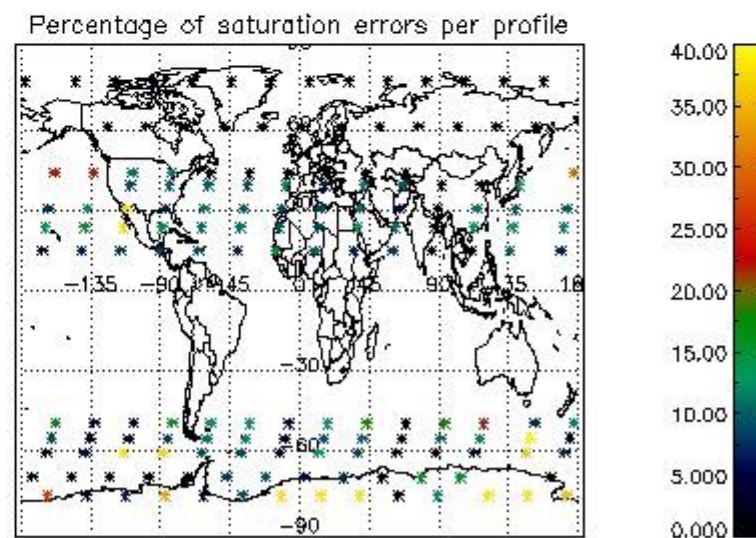
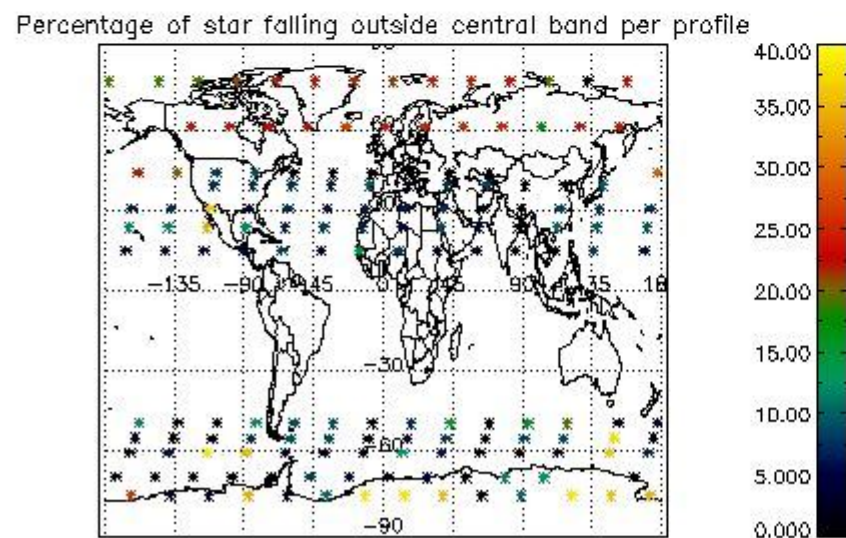
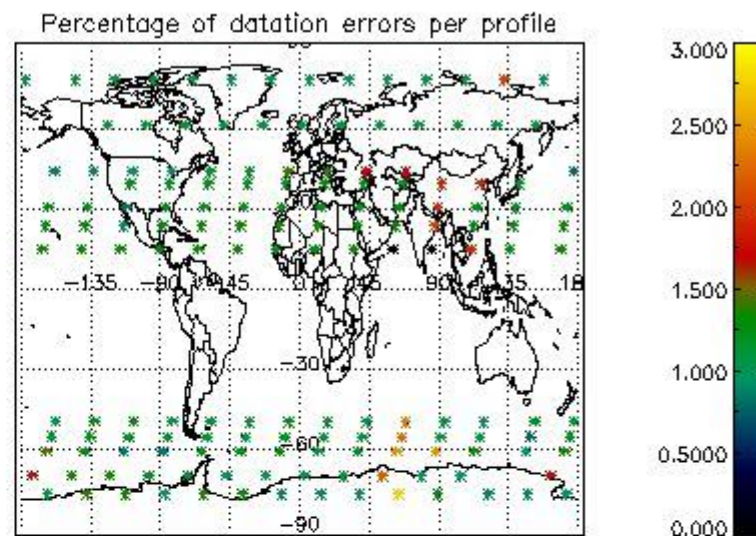
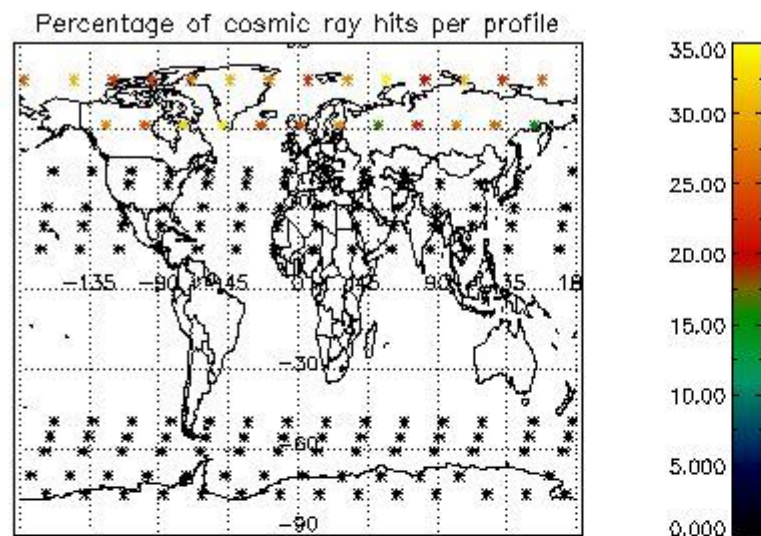


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

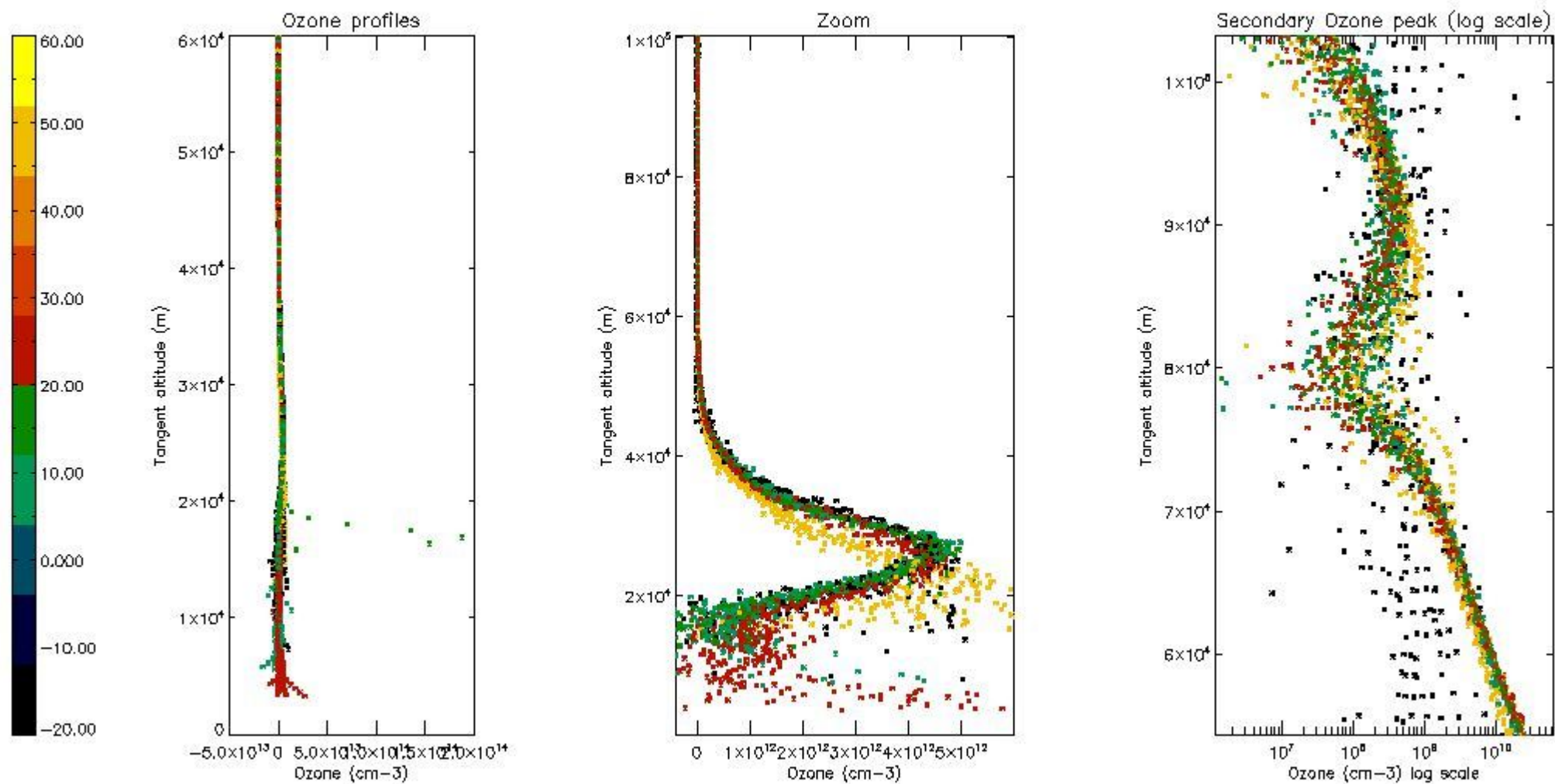
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	12
STD < 5	7

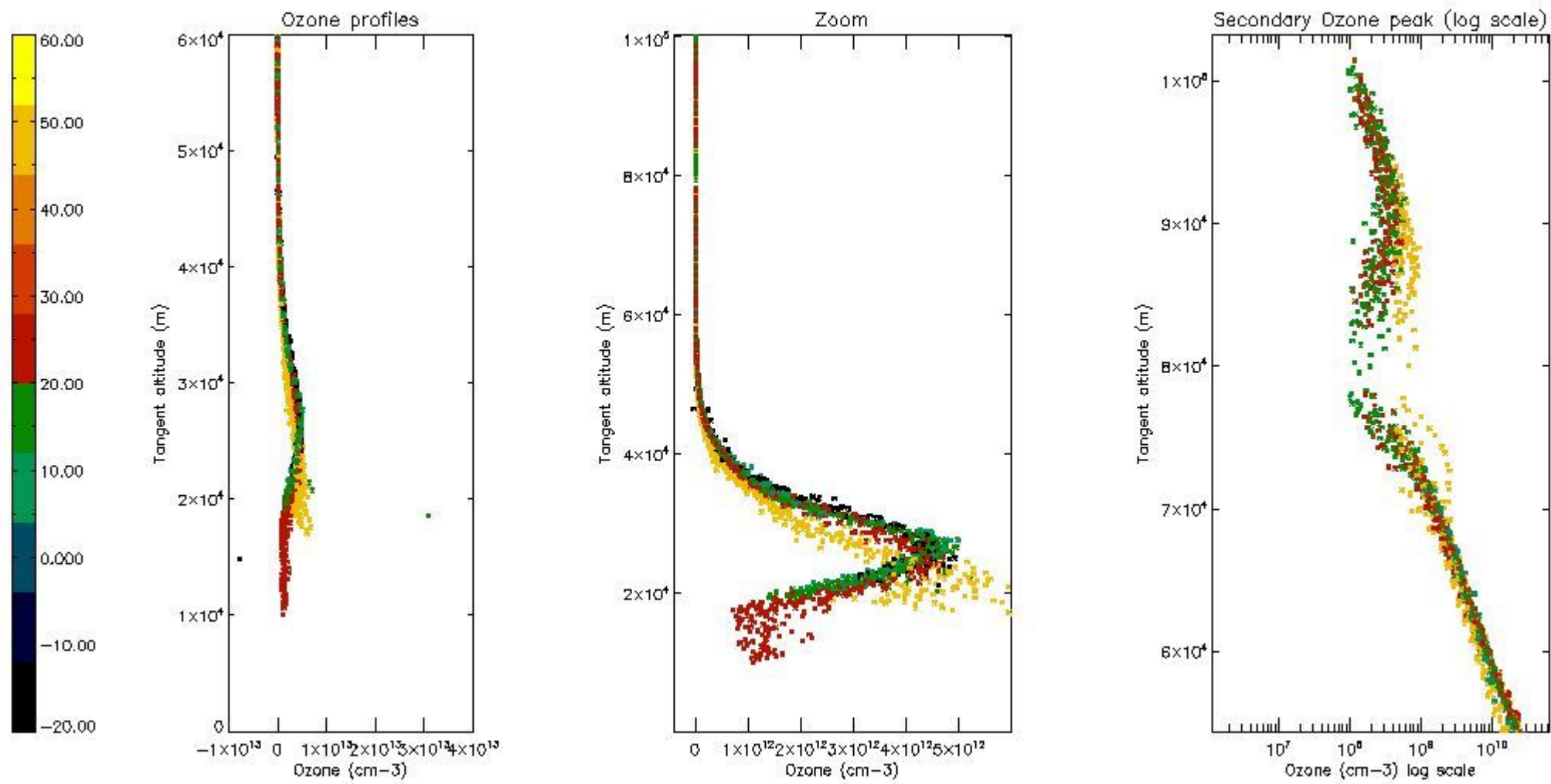
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

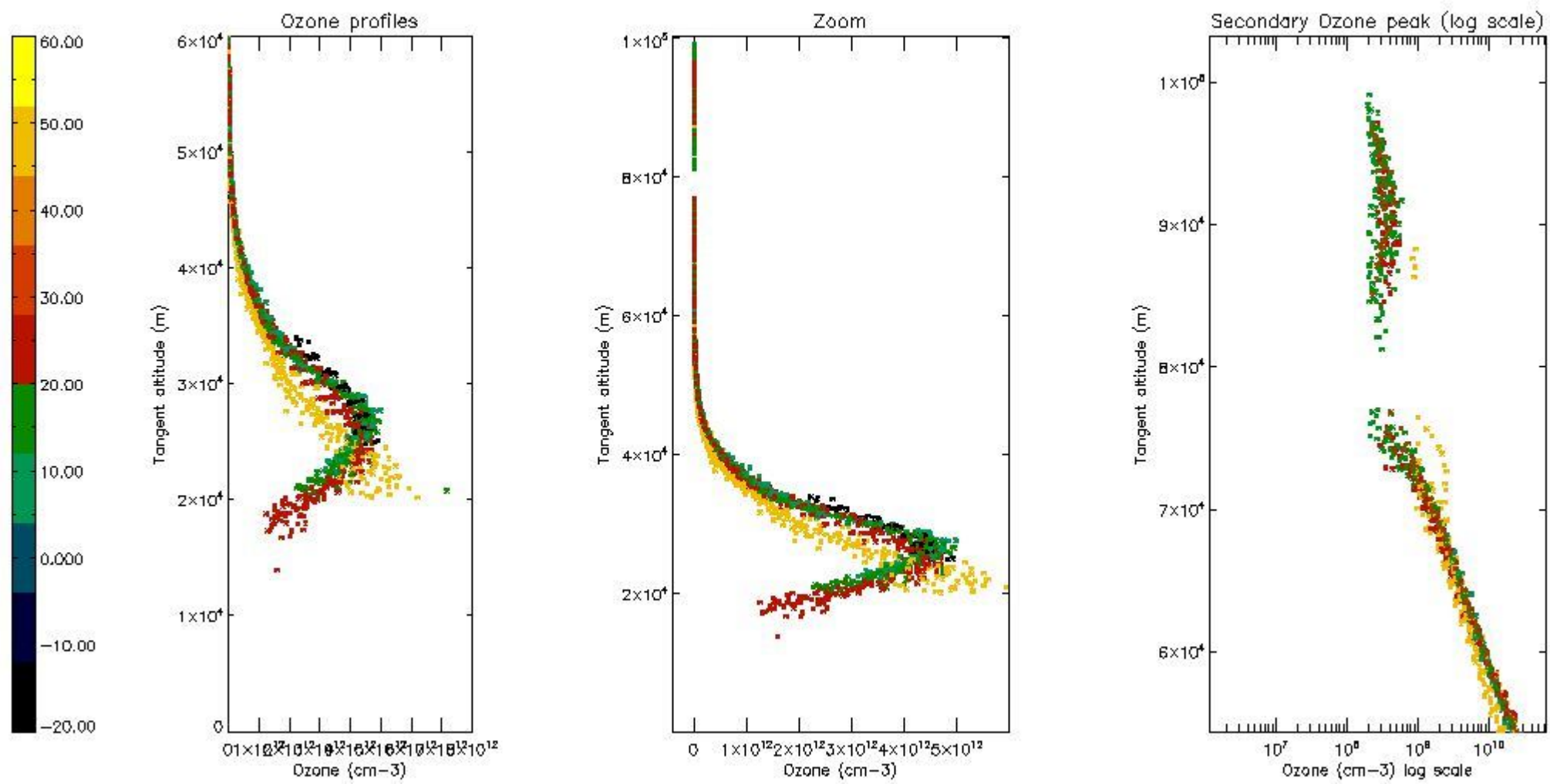
The colorbar represents the latitude.



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

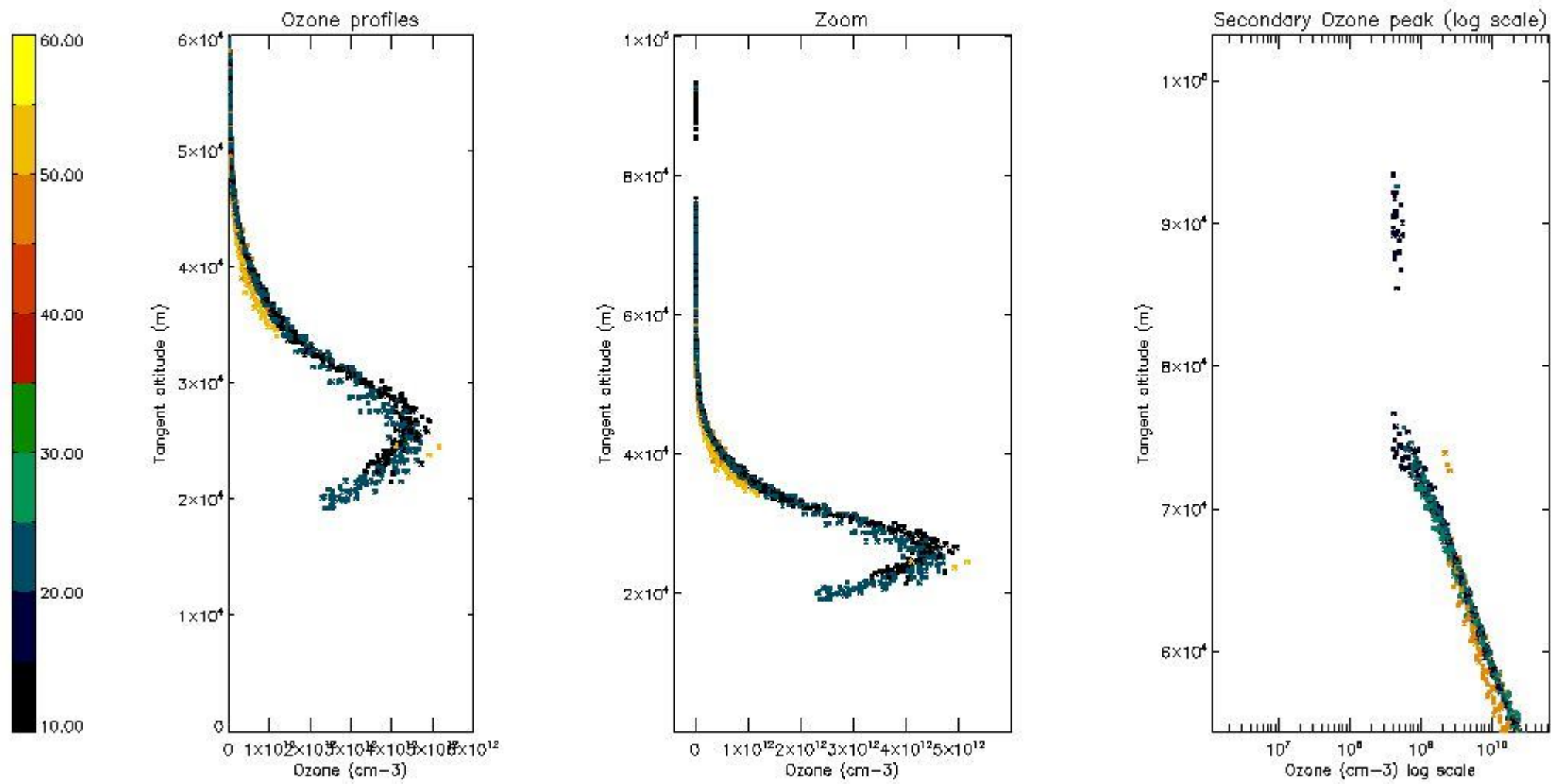
The colorbar represents the latitude.





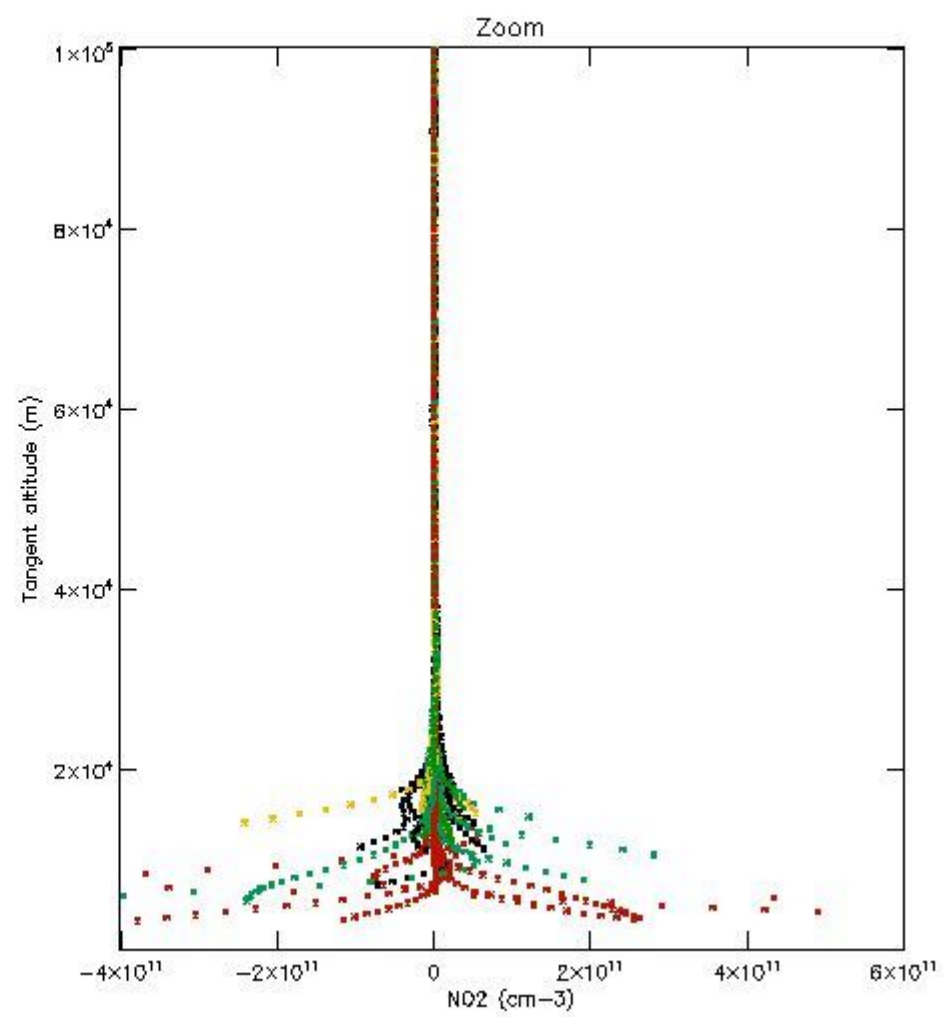
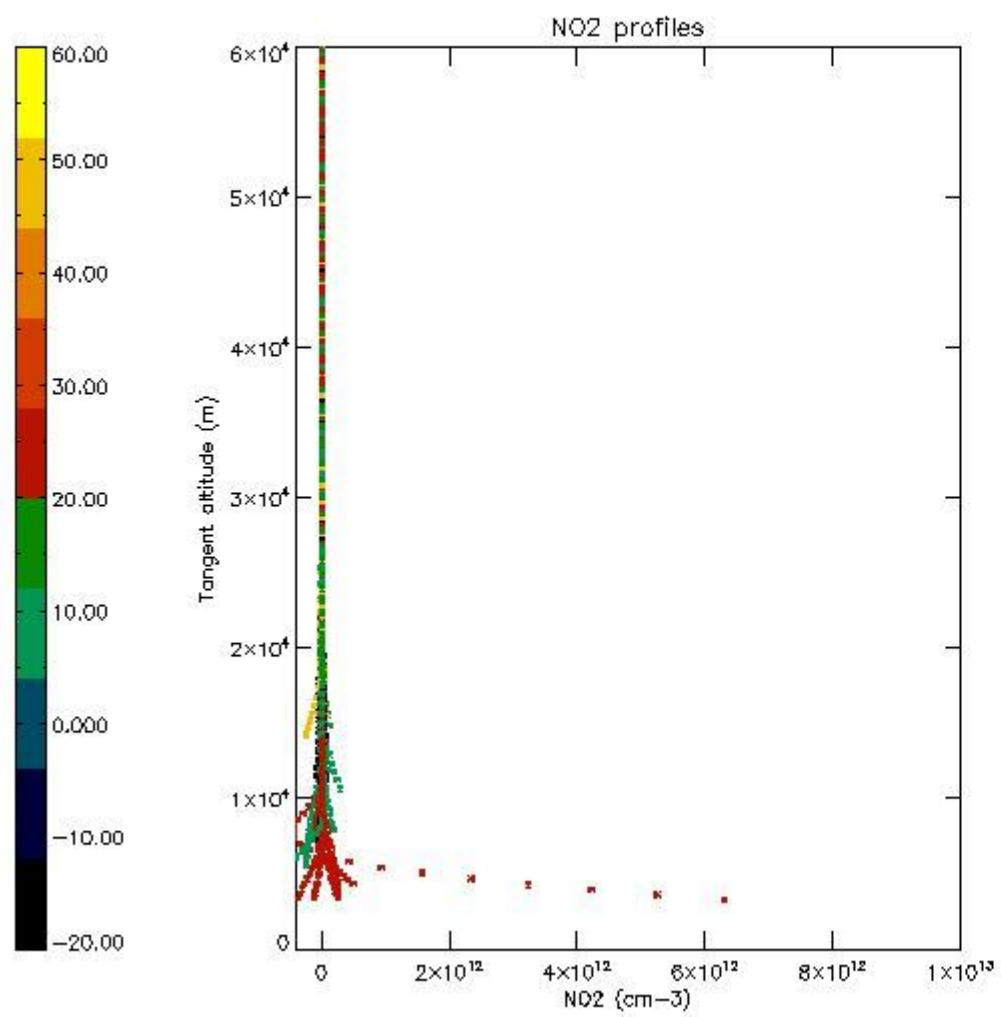
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

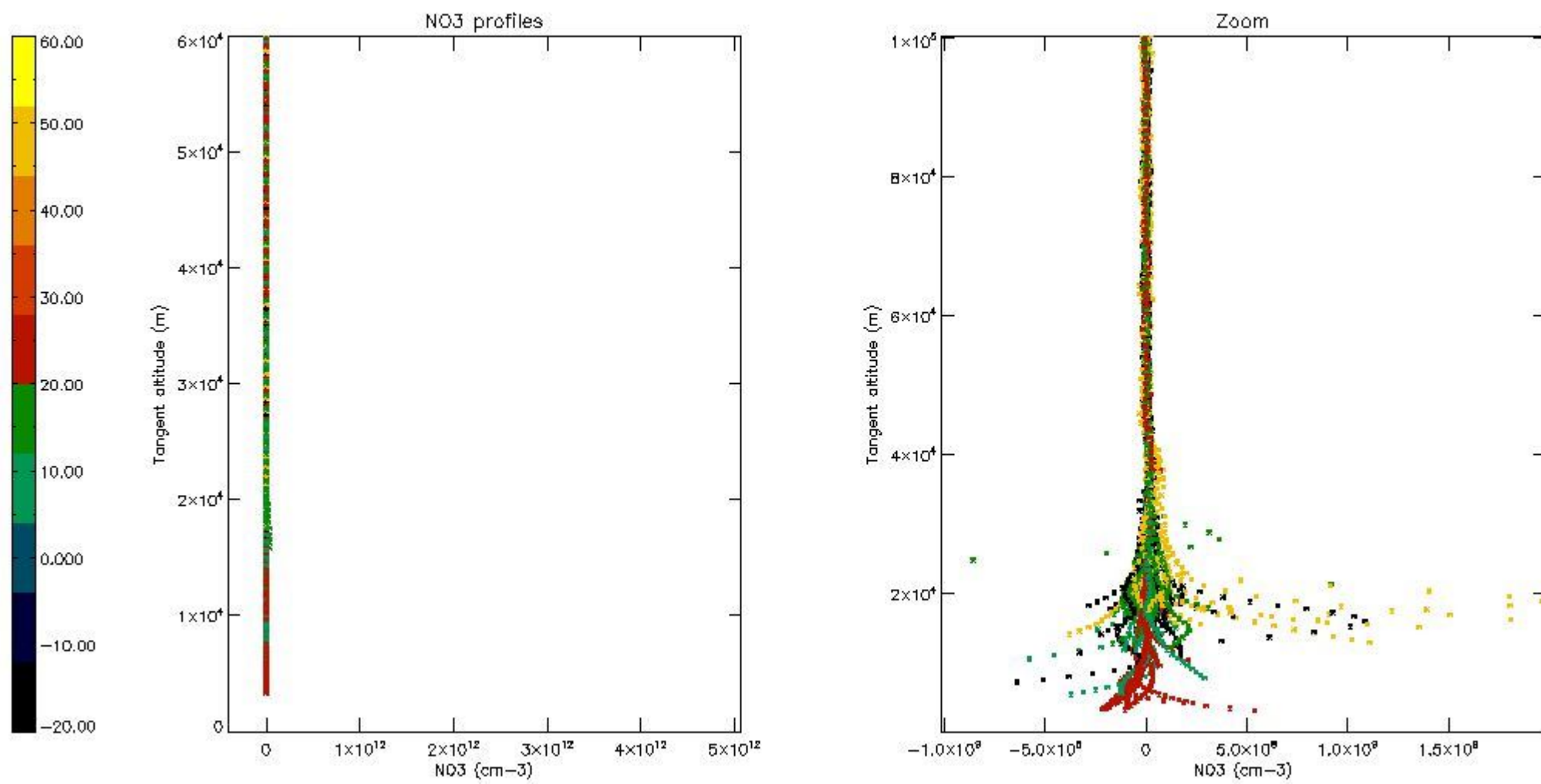
The colorbar represents the latitude.



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

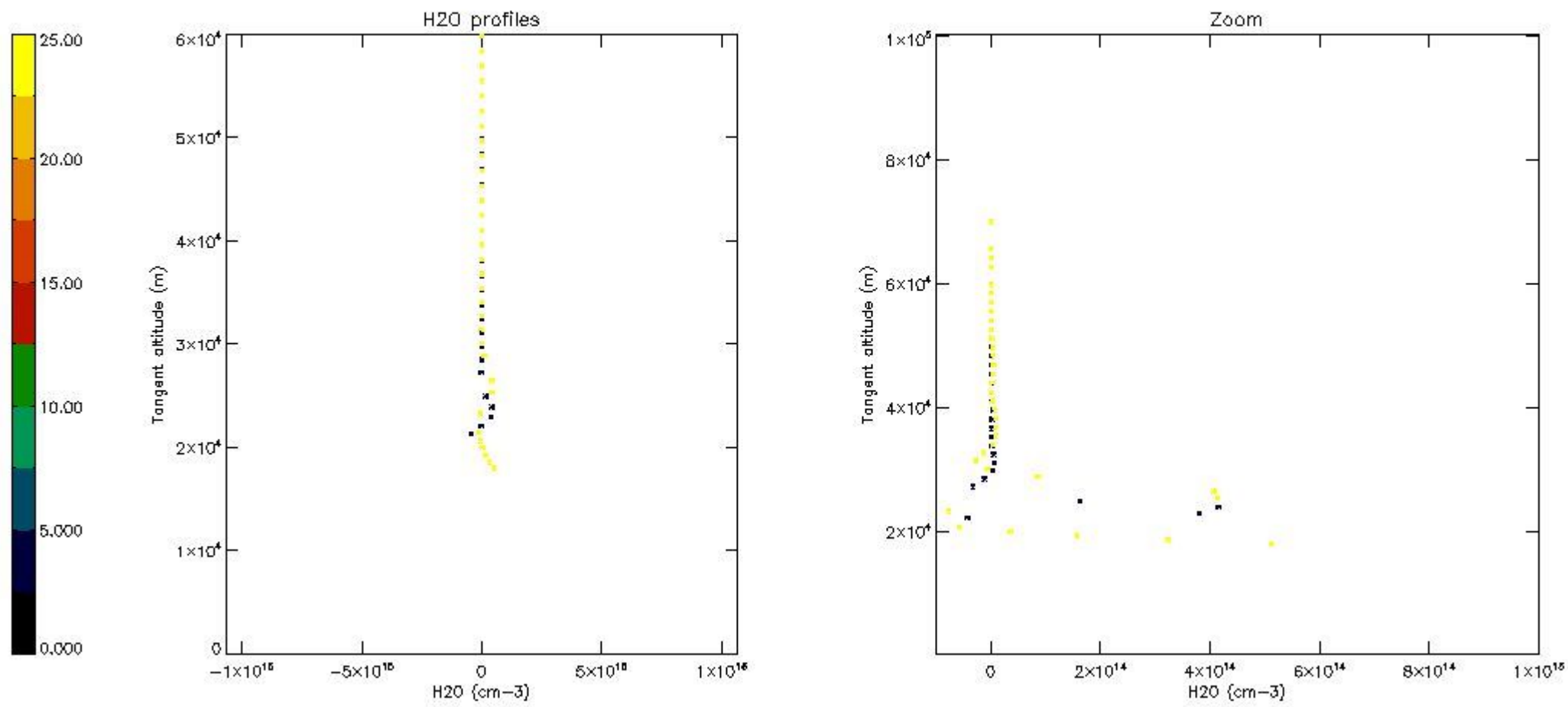
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-NOV-2009 00:00:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-NOV-2009 00:00:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-NOV-2009 00:00:40

# 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	26APR2013 14:13:38
Data source version	GOMOS/6.01
Start time of products	24-11-2009 (24NOV2009 00:00:00)
Stop time of products	25-11-2009 (25NOV2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	294
Nb of prods with errors	1

## 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__2PRFIN20091124_000040_000000272084_00302_40436_2169.N1	24-NOV-2009 00:00:40	Twilight	26.500	62	94Bet Leo	2.1360	9700.0	53	40436	No
2	GOM_NL__2PRFIN20091124_0000406_000000572084_00302_40436_2170.N1	24-NOV-2009 00:04:06	Bright	56.500	121	29Gam Vir	2.7400	7200.0	113	40436	No
3	GOM_NL__2PRFIN20091124_001100_000000412084_00302_40436_2171.N1	24-NOV-2009 00:11:00	Twilight	40.500	171	2Eps Crv	3.0010	4250.0	81	40436	No
4	GOM_NL__2PRFIN20091124_002027_000000272084_00303_40437_2162.N1	24-NOV-2009 00:20:27	Dark	27.000	113	Mu Vel	2.6920	5000.0	54	40437	No
5	GOM_NL__2PRFIN20091124_002716_000000402084_00303_40437_2163.N1	24-NOV-2009 00:27:16	Dark	40.000	41	Eps Car	1.8600	4100.0	80	40437	No
6	GOM_NL__2PRFIN20091124_002847_000000502084_00303_40437_2164.N1	24-NOV-2009 00:28:47	Dark	50.000	34	Gam2Vel	1.7930	23000.0	100	40437	No
7	GOM_NL__2PRFIN20091124_003245_000000512084_00303_40437_2165.N1	24-NOV-2009 00:32:45	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	40437	No
8	GOM_NL__2PRFIN20091124_003920_000000482084_00303_40437_2166.N1	24-NOV-2009 00:39:20	Dark	48.000	108	Alp Col	2.6520	15200.0	96	40437	No
9	GOM_NL__2PRFIN20091124_004742_000000472084_00303_40437_2167.N1	24-NOV-2009 00:47:42	Straylight	47.000	165	34Gam Eri	2.9500	3200.0	94	40437	No
10	GOM_NL__2PRFIN20091124_005307_000000462084_00303_40437_2168.N1	24-NOV-2009 00:53:07	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40437	No
11	GOM_NL__2PRFIN20091124_005924_000000432084_00303_40437_2169.N1	24-NOV-2009 00:59:24	Bright	42.500	146	25Eta Tau	2.8730	15200.0	85	40437	No
12	GOM_NL__2PRFIN20091124_010154_000000412084_00303_40437_2170.N1	24-NOV-2009 01:01:54	Bright	41.000	150	44Zet Per	2.8900	28000.0	82	40437	No
13	GOM_NL__2PRFIN20091124_010349_000000392084_00303_40437_2171.N1	24-NOV-2009 01:03:49	Bright	38.500	79	26Bet Per	2.3100	13100.0	77	40437	No
14	GOM_NL__2PRFIN20091124_010616_000000392084_00303_40437_2172.N1	24-NOV-2009 01:06:16	Bright	39.000	175	39Del Per	3.0100	19400.0	78	40437	No
15	GOM_NL__2PRFIN20091124_012426_000000502084_00303_40437_2173.N1	24-NOV-2009 01:24:26	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40437	No
16	GOM_NL__2PRFIN20091124_012604_000000462084_00303_40437_2174.N1	24-NOV-2009 01:26:04	Bright	46.000	82	48Bet UMa	2.3650	10600.0	92	40437	No
17	GOM_NL__2PRFIN20091124_012737_000000392084_00303_40437_2175.N1	24-NOV-2009 01:27:37	Bright	39.000	87	64Gam UMa	2.4330	11000.0	78	40437	No
18	GOM_NL__2PRFIN20091124_013021_000000522084_00303_40437_2176.N1	24-NOV-2009 01:30:21	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	40437	No
19	GOM_NL__2PRFIN20091124_013234_000000392084_00303_40437_2177.N1	24-NOV-2009 01:32:34	Bright	39.000	152	12Alp2CVn	2.8900	11000.0	78	40437	No
20	GOM_NL__2PRFIN20091124_014116_000000502084_00303_40437_2178.N1	24-NOV-2009 01:41:16	Bright	50.000	62	94Bet Leo	2.1360	9700.0	100	40437	No
21	GOM_NL__2PRFIN20091124_014443_000000212084_00303_40437_2179.N1	24-NOV-2009 01:44:43	Twilight	21.000	121	29Gam Vir	2.7400	7200.0	42	40437	No
22	GOM_NL__2PRFIN20091124_015003_000000452084_00303_40437_2180.N1	24-NOV-2009 01:50:03	Twilight	45.000	100	4Gam Crv	2.5800	13100.0	90	40437	No
23	GOM_NL__2PRFIN20091124_015136_000000472084_00303_40437_2181.N1	24-NOV-2009 01:51:36	Twilight	47.000	171	2Eps Crv	3.0010	4250.0	94	40437	No
24	GOM_NL__2PRFIN20091124_020103_000000462084_00304_40438_2171.N1	24-NOV-2009 02:01:03	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40438	No
25	GOM_NL__2PRFIN20091124_020753_000000262084_00304_40438_2172.N1	24-NOV-2009 02:07:53	Dark	26.000	41	Eps Car	1.8600	4100.0	52	40438	No
26	GOM_NL__2PRFIN20091124_020924_000000532084_00304_40438_2173.N1	24-NOV-2009 02:09:24	Dark	52.500	34	Gam2Vel	1.7930	23000.0	105	40438	No
27	GOM_NL__2PRFIN20091124_021321_000000502084_00304_40438_2174.N1	24-NOV-2009 02:13:21	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	40438	No
28	GOM_NL__2PRFIN20091124_021957_000000292084_00304_40438_2175.N1	24-NOV-2009 02:19:57	Dark	28.500	108	Alp Col	2.6520	15200.0	57	40438	No
29	GOM_NL__2PRFIN20091124_022818_000000492084_00304_40438_2176.N1	24-NOV-2009 02:28:18	Straylight	49.000	165	34Gam Eri	2.9500	3200.0	98	40438	No
30	GOM_NL__2PRFIN20091124_023343_000000452084_00304_40438_2177.N1	24-NOV-2009 02:33:43	Twilight	45.000	94	92Alp Cet	2.5260	3100.0	90	40438	No
31	GOM_NL__2PRFIN20091124_024000_000000272084_00304_40438_2178.N1	24-NOV-2009 02:40:00	Twilight	26.500	146	25Eta Tau	2.8730	15200.0	53	40438	No
32	GOM_NL__2PRFIN20091124_024229_000000422084_00304_40438_2179.N1	24-NOV-2009 02:42:29	Bright	41.500	150	44Zet Per	2.8900	28000.0	83	40438	No
33	GOM_NL__2PRFIN20091124_024425_000000392084_00304_40438_2180.N1	24-NOV-2009 02:44:25	Bright	39.000	79	26Bet Per	2.3100	13100.0	78	40438	No
34	GOM_NL__2PRFIN20091124_024652_000000262084_00304_40438_2181.N1	24-NOV-2009 02:46:52	Twilight	26.000	175	39Del Per	3.0100	19400.0	52	40438	No
35	GOM_NL__2PRFIN20091124_030502_000000472084_00304_40438_2182.N1	24-NOV-2009 03:05:02	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40438	No
36	GOM_NL__2PRFIN20091124_030640_000000452084_00304_40438_2183.N1	24-NOV-2009 03:06:40	Bright	44.500	82	48Bet UMa	2.3650	10600.0	89	40438	No
37	GOM_NL__2PRFIN20091124_030813_000000212084_00304_40438_2184.N1	24-NOV-2009 03:08:13	Twilight	20.500	87	64Gam UMa	2.4330	11000.0	41	40438	No
38	GOM_NL__2PRFIN20091124_031057_000000532084_00304_40438_2185.N1	24-NOV-2009 03:10:57	Bright	52.500	174	52Psi UMa	3.0040	4400.0	105	40438	No
39	GOM_NL__2PRFIN20091124_031310_000000182084_00304_40438_2186.N1	24-NOV-2009 03:13:10	Twilight	18.000	152	12Alp2CVn	2.8900	11000.0	36	40438	No
40	GOM_NL__2PRFIN20091124_032153_000000242084_00304_40438_2187.N1	24-NOV-2009 03:21:53	Twilight	23.500	62	94Bet Leo	2.1360	9700.0	47	40438	No
41	GOM_NL__2PRFIN20091124_032519_000000212084_00304_40438_2188.N1	24-NOV-2009 03:25:19	Twilight	20.500	121	29Gam Vir	2.7400	7200.0	41	40438	No
42	GOM_NL__2PRFIN20091124_033040_000000232084_00304_40438_2189.N1	24-NOV-2009 03:30:40	Twilight	23.000	100	4Gam Crv	2.5800	13100.0	46	40438	No

43	GOM_NL__2PRFIN20091124_034140_000000262084_00305_40439_2180.N1	24-NOV-2009 03:41:40	Dark	25.500	113	Mu Vel	2.6920	5000.0	51	40439	No
44	GOM_NL__2PRFIN20091124_034829_000000442084_00305_40439_2181.N1	24-NOV-2009 03:48:29	Dark	44.000	41	Eps Car	1.8600	4100.0	88	40439	No
45	GOM_NL__2PRFIN20091124_035001_000000302084_00305_40439_2182.N1	24-NOV-2009 03:50:01	Dark	30.000	34	Gam2Vel	1.7930	23000.	60	40439	No
46	GOM_NL__2PRFIN20091124_035358_000000482084_00305_40439_2183.N1	24-NOV-2009 03:53:58	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40439	No
47	GOM_NL__2PRFIN20091124_040033_000000292084_00305_40439_2184.N1	24-NOV-2009 04:00:33	Dark	28.500	108	Alp Col	2.6520	15200.	57	40439	No
48	GOM_NL__2PRFIN20091124_040855_000000252084_00305_40439_2185.N1	24-NOV-2009 04:08:55	Straylight	24.500	165	34Gam Eri	2.9500	3200.0	49	40439	No
49	GOM_NL__2PRFIN20091124_041419_000000432084_00305_40439_2186.N1	24-NOV-2009 04:14:19	Twilight	42.500	94	92Alp Cet	2.5260	3100.0	85	40439	No
50	GOM_NL__2PRFIN20091124_042036_000000272084_00305_40439_2187.N1	24-NOV-2009 04:20:36	Twilight	26.500	146	25Eta Tau	2.8730	15200.	53	40439	No
51	GOM_NL__2PRFIN20091124_042305_000000272084_00305_40439_2188.N1	24-NOV-2009 04:23:05	Twilight	26.500	150	44Zet Per	2.8900	28000.	53	40439	No
52	GOM_NL__2PRFIN20091124_042501_000000252084_00305_40439_2189.N1	24-NOV-2009 04:25:01	Twilight	24.500	79	26Bet Per	2.3100	13100.	49	40439	No
53	GOM_NL__2PRFIN20091124_042728_000000252084_00305_40439_2190.N1	24-NOV-2009 04:27:28	Twilight	25.000	175	39Del Per	3.0100	19400.	50	40439	No
54	GOM_NL__2PRFIN20091124_044538_000000222084_00305_40439_2191.N1	24-NOV-2009 04:45:38	Twilight	21.500	36	50Alp UMa	1.8000	6300.0	43	40439	No
55	GOM_NL__2PRFIN20091124_044715_000000232084_00305_40439_2192.N1	24-NOV-2009 04:47:15	Twilight	22.500	82	48Bet UMa	2.3650	10600.	45	40439	No
56	GOM_NL__2PRFIN20091124_044849_000000212084_00305_40439_2193.N1	24-NOV-2009 04:48:49	Twilight	20.500	87	64Gam UMa	2.4330	11000.	41	40439	No
57	GOM_NL__2PRFIN20091124_045133_000000232084_00305_40439_2194.N1	24-NOV-2009 04:51:33	Twilight	23.000	174	52Psi UMa	3.0040	4400.0	46	40439	No
58	GOM_NL__2PRFIN20091124_045346_000000552084_00305_40439_2195.N1	24-NOV-2009 04:53:46	Bright	55.000	152	12Alp2CVn	2.8900	11000.	110	40439	No
59	GOM_NL__2PRFIN20091124_050229_000000692084_00305_40439_2196.N1	24-NOV-2009 05:02:29	Bright	69.000	62	94Bet Leo	2.1360	9700.0	138	40439	No
60	GOM_NL__2PRFIN20091124_050555_000000372084_00305_40439_2197.N1	24-NOV-2009 05:05:55	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	40439	No
61	GOM_NL__2PRFIN20091124_051116_000000442084_00305_40439_2198.N1	24-NOV-2009 05:11:16	Twilight	44.000	100	4Gam Crv	2.5800	13100.	88	40439	No
62	GOM_NL__2PRFIN20091124_051250_000000462084_00305_40439_2199.N1	24-NOV-2009 05:12:50	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	40439	No
63	GOM_NL__2PRFIN20091124_052217_000000262084_00306_40440_2189.N1	24-NOV-2009 05:22:17	Dark	26.000	113	Mu Vel	2.6920	5000.0	52	40440	No
64	GOM_NL__2PRFIN20091124_052906_000000472084_00306_40440_2190.N1	24-NOV-2009 05:29:06	Dark	46.500	41	Eps Car	1.8600	4100.0	93	40440	No
65	GOM_NL__2PRFIN20091124_053038_000000542084_00306_40440_2191.N1	24-NOV-2009 05:30:38	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	40440	No
66	GOM_NL__2PRFIN20091124_053435_000000592084_00306_40440_2192.N1	24-NOV-2009 05:34:35	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	40440	No
67	GOM_NL__2PRFIN20091124_054110_000000532084_00306_40440_2193.N1	24-NOV-2009 05:41:10	Dark	52.500	108	Alp Col	2.6520	15200.	105	40440	No
68	GOM_NL__2PRFIN20091124_054931_000000472084_00306_40440_2194.N1	24-NOV-2009 05:49:31	Straylight	46.500	165	34Gam Eri	2.9500	3200.0	93	40440	No
69	GOM_NL__2PRFIN20091124_055455_000000462084_00306_40440_2195.N1	24-NOV-2009 05:54:55	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40440	No
70	GOM_NL__2PRFIN20091124_055956_000000292084_00306_40440_2196.N1	24-NOV-2009 05:59:56	Twilight	29.000	13	87Alp Tau	0.86700	3800.0	58	40440	No
71	GOM_NL__2PRFIN20091124_060111_000000412084_00306_40440_2197.N1	24-NOV-2009 06:01:11	Bright	41.000	146	25Eta Tau	2.8730	15200.	82	40440	No
72	GOM_NL__2PRFIN20091124_060340_000000392084_00306_40440_2198.N1	24-NOV-2009 06:03:40	Bright	39.000	150	44Zet Per	2.8900	28000.	78	40440	No
73	GOM_NL__2PRFIN20091124_060537_000000382084_00306_40440_2199.N1	24-NOV-2009 06:05:37	Bright	37.500	79	26Bet Per	2.3100	13100.	75	40440	No
74	GOM_NL__2PRFIN20091124_060804_000000382084_00306_40440_2200.N1	24-NOV-2009 06:08:04	Bright	37.500	175	39Del Per	3.0100	19400.	75	40440	No
75	GOM_NL__2PRFIN20091124_062614_000000472084_00306_40440_2201.N1	24-NOV-2009 06:26:14	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40440	No
76	GOM_NL__2PRFIN20091124_062751_000000452084_00306_40440_2202.N1	24-NOV-2009 06:27:51	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	40440	No
77	GOM_NL__2PRFIN20091124_062925_000000412084_00306_40440_2203.N1	24-NOV-2009 06:29:25	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	40440	No
78	GOM_NL__2PRFIN20091124_063209_000000482084_00306_40440_2204.N1	24-NOV-2009 06:32:09	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	40440	No
79	GOM_NL__2PRFIN20091124_063422_000000562084_00306_40440_2205.N1	24-NOV-2009 06:34:22	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40440	No
80	GOM_NL__2PRFIN20091124_064306_000000502084_00306_40440_2206.N1	24-NOV-2009 06:43:06	Bright	49.500	62	94Bet Leo	2.1360	9700.0	99	40440	No
81	GOM_NL__2PRFIN20091124_064632_000000402084_00306_40440_2207.N1	24-NOV-2009 06:46:32	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	40440	No
82	GOM_NL__2PRFIN20091124_065153_000000462084_00306_40440_2208.N1	24-NOV-2009 06:51:53	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	40440	No
83	GOM_NL__2PRFIN20091124_065326_000000542084_00306_40440_2209.N1	24-NOV-2009 06:53:26	Twilight	54.000	171	2Eps Crv	3.0010	4250.0	108	40440	No
84	GOM_NL__2PRFIN20091124_070253_000000432084_00307_40441_2199.N1	24-NOV-2009 07:02:53	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	40441	No
85	GOM_NL__2PRFIN20091124_070942_000000542084_00307_40441_2200.N1	24-NOV-2009 07:09:42	Dark	54.000	41	Eps Car	1.8600	4100.0	108	40441	No
86	GOM_NL__2PRFIN20091124_071115_000000482084_00307_40441_2201.N1	24-NOV-2009 07:11:15	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40441	No
87	GOM_NL__2PRFIN20091124_071511_000000482084_00307_40441_2202.N1	24-NOV-2009 07:15:11	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40441	No
88	GOM_NL__2PRFIN20091124_072146_000000492084_00307_40441_2203.N1	24-NOV-2009 07:21:46	Dark	48.500	108	Alp Col	2.6520	15200.	97	40441	No
89	GOM_NL__2PRFIN20091124_073006_000000492084_00307_40441_2204.N1	24-NOV-2009 07:30:06	Straylight	48.500	165	34Gam Eri	2.9500	3200.0	97	40441	No
90	GOM_NL__2PRFIN20091124_073531_000000462084_00307_40441_2205.N1	24-NOV-2009 07:35:31	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40441	No
91	GOM_NL__2PRFIN20091124_074031_000000292084_00307_40441_2206.N1	24-NOV-2009 07:40:31	Twilight	29.000	13	87Alp Tau	0.86700	3800.0	58	40441	No
92	GOM_NL__2PRFIN20091124_074147_000000412084_00307_40441_2207.N1	24-NOV-2009 07:41:47	Bright	41.000	146	25Eta Tau	2.8730	15200.	82	40441	No
93	GOM_NL__2PRFIN20091124_074416_000000422084_00307_40441_2208.N1	24-NOV-2009 07:44:16	Bright	41.500	150	44Zet Per	2.8900	28000.	83	40441	No
94	GOM_NL__2PRFIN20091124_074612_000000392084_00307_40441_2209.N1	24-NOV-2009 07:46:12	Bright	38.500	79	26Bet Per	2.3100	13100.	77	40441	No
95	GOM_NL__2PRFIN20091124_074839_000000382084_00307_40441_2210.N1	24-NOV-2009 07:48:39	Bright	37.500	175	39Del Per	3.0100	19400.	75	40441	No
96	GOM_NL__2PRFIN20091124_080649_000000442084_00307_40441_2211.N1	24-NOV-2009 08:06:49	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40441	No
97	GOM_NL__2PRFIN20091124_080827_000000442084_00307_40441_2212.N1	24-NOV-2009 08:08:27	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	40441	No
98	GOM_NL__2PRFIN20091124_081001_000000442084_00307_40441_2213.N1	24-NOV-2009 08:10:01	Bright	44.000	87	64Gam UMa	2.4330	11000.	88	40441	No
99	GOM_NL__2PRFIN20091124_081245_000000472084_00307_40441_2214.N1	24-NOV-2009 08:12:45	Bright	46.500	174	52Psi UMa	3.0040	4400.0	93	40441	No
100	GOM_NL__2PRFIN20091124_081458_000000562084_00307_40441_2215.N1	24-NOV-2009 08:14:58	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40441	No
101	GOM_NL__2PRFIN20091124_082342_000000502084_00307_40441_2216.N1	24-NOV-2009 08:23:42	Bright	49.500	62	94Bet Leo	2.1360	9700.0	99	40441	No

102	GOM_NL__2PRFIN20091124_082708_000000412084_00307_40441_2217.N1	24-NOV-2009 08:27:08	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	40441	No
103	GOM_NL__2PRFIN20091124_083230_000000462084_00307_40441_2218.N1	24-NOV-2009 08:32:30	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	40441	No
104	GOM_NL__2PRFIN20091124_083403_000000482084_00307_40441_2219.N1	24-NOV-2009 08:34:03	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40441	No
105	GOM_NL__2PRFIN20091124_084330_000000452084_00308_40442_2208.N1	24-NOV-2009 08:43:30	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40442	No
106	GOM_NL__2PRFIN20091124_085019_000000452084_00308_40442_2209.N1	24-NOV-2009 08:50:19	Dark	44.500	41	Eps Car	1.8600	4100.0	89	40442	No
107	GOM_NL__2PRFIN20091124_085152_000000472084_00308_40442_2210.N1	24-NOV-2009 08:51:52	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40442	No
108	GOM_NL__2PRFIN20091124_085548_000000592084_00308_40442_2211.N1	24-NOV-2009 08:55:48	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	40442	No
109	GOM_NL__2PRFIN20091124_090223_000000502084_00308_40442_2212.N1	24-NOV-2009 09:02:23	Dark	50.000	108	Alp Col	2.6520	15200.	100	40442	No
110	GOM_NL__2PRFIN20091124_091043_000000502084_00308_40442_2213.N1	24-NOV-2009 09:10:43	Straylight	49.500	165	34Gam Eri	2.9500	3200.0	99	40442	No
111	GOM_NL__2PRFIN20091124_091607_000000462084_00308_40442_2214.N1	24-NOV-2009 09:16:07	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40442	No
112	GOM_NL__2PRFIN20091124_092107_000000362084_00308_40442_2215.N1	24-NOV-2009 09:21:07	Bright	36.000	13	87Alp Tau	0.86700	3800.0	72	40442	No
113	GOM_NL__2PRFIN20091124_092223_000000392084_00308_40442_2216.N1	24-NOV-2009 09:22:23	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	40442	No
114	GOM_NL__2PRFIN20091124_092452_000000412084_00308_40442_2217.N1	24-NOV-2009 09:24:52	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40442	No
115	GOM_NL__2PRFIN20091124_092648_000000372084_00308_40442_2218.N1	24-NOV-2009 09:26:48	Bright	36.500	79	26Bet Per	2.3100	13100.	73	40442	No
116	GOM_NL__2PRFIN20091124_092915_000000392084_00308_40442_2219.N1	24-NOV-2009 09:29:15	Bright	39.000	175	39Del Per	3.0100	19400.	78	40442	No
117	GOM_NL__2PRFIN20091124_094725_000000402084_00308_40442_2220.N1	24-NOV-2009 09:47:25	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	40442	No
118	GOM_NL__2PRFIN20091124_094902_000000422084_00308_40442_2221.N1	24-NOV-2009 09:49:02	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	40442	No
119	GOM_NL__2PRFIN20091124_095036_000000392084_00308_40442_2222.N1	24-NOV-2009 09:50:36	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	40442	No
120	GOM_NL__2PRFIN20091124_095320_000000492084_00308_40442_2223.N1	24-NOV-2009 09:53:20	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	40442	No
121	GOM_NL__2PRFIN20091124_095534_000000382084_00308_40442_2224.N1	24-NOV-2009 09:55:34	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	40442	No
122	GOM_NL__2PRFIN20091124_100418_000000502084_00308_40442_2225.N1	24-NOV-2009 10:04:18	Bright	49.500	62	94Bet Leo	2.1360	9700.0	99	40442	No
123	GOM_NL__2PRFIN20091124_100745_000000402084_00308_40442_2226.N1	24-NOV-2009 10:07:45	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	40442	No
124	GOM_NL__2PRFIN20091124_101306_000000442084_00308_40442_2227.N1	24-NOV-2009 10:13:06	Twilight	44.000	100	4Gam Crv	2.5800	13100.	88	40442	No
125	GOM_NL__2PRFIN20091124_101439_000000462084_00308_40442_2228.N1	24-NOV-2009 10:14:39	Twilight	46.000	171	2Eps Crv	3.0010	4250.0	92	40442	No
126	GOM_NL__2PRFIN20091124_102407_000000422084_00309_40443_2224.N1	24-NOV-2009 10:24:07	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	40443	No
127	GOM_NL__2PRFIN20091124_103056_000000432084_00309_40443_2225.N1	24-NOV-2009 10:30:56	Dark	43.000	41	Eps Car	1.8600	4100.0	86	40443	No
128	GOM_NL__2PRFIN20091124_103228_000000472084_00309_40443_2226.N1	24-NOV-2009 10:32:28	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40443	No
129	GOM_NL__2PRFIN20091124_103624_000000492084_00309_40443_2227.N1	24-NOV-2009 10:36:24	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	40443	No
130	GOM_NL__2PRFIN20091124_104259_000000492084_00309_40443_2228.N1	24-NOV-2009 10:42:59	Dark	49.000	108	Alp Col	2.6520	15200.	98	40443	No
131	GOM_NL__2PRFIN20091124_105119_000000502084_00309_40443_2229.N1	24-NOV-2009 10:51:19	Straylight	49.500	165	34Gam Eri	2.9500	3200.0	99	40443	No
132	GOM_NL__2PRFIN20091124_105643_000000462084_00309_40443_2230.N1	24-NOV-2009 10:56:43	Twilight	46.000	94	92Alp Cet	2.5260	3100.0	92	40443	No
133	GOM_NL__2PRFIN20091124_110142_000000362084_00309_40443_2231.N1	24-NOV-2009 11:01:42	Bright	36.000	13	87Alp Tau	0.86700	3800.0	72	40443	No
134	GOM_NL__2PRFIN20091124_110258_000000422084_00309_40443_2232.N1	24-NOV-2009 11:02:58	Bright	41.500	146	25Eta Tau	2.8730	15200.	83	40443	No
135	GOM_NL__2PRFIN20091124_110527_000000412084_00309_40443_2233.N1	24-NOV-2009 11:05:27	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40443	No
136	GOM_NL__2PRFIN20091124_110724_000000372084_00309_40443_2234.N1	24-NOV-2009 11:07:24	Bright	37.000	79	26Bet Per	2.3100	13100.	74	40443	No
137	GOM_NL__2PRFIN20091124_110950_000000422084_00309_40443_2235.N1	24-NOV-2009 11:09:50	Bright	41.500	175	39Del Per	3.0100	19400.	83	40443	No
138	GOM_NL__2PRFIN20091124_112800_000000452084_00309_40443_2236.N1	24-NOV-2009 11:28:00	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	40443	No
139	GOM_NL__2PRFIN20091124_112938_000000462084_00309_40443_2237.N1	24-NOV-2009 11:29:38	Bright	45.500	82	48Bet UMa	2.3650	10600.	91	40443	No
140	GOM_NL__2PRFIN20091124_113112_000000412084_00309_40443_2238.N1	24-NOV-2009 11:31:12	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	40443	No
141	GOM_NL__2PRFIN20091124_113356_000000492084_00309_40443_2239.N1	24-NOV-2009 11:33:56	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	40443	No
142	GOM_NL__2PRFIN20091124_113610_000000372084_00309_40443_2240.N1	24-NOV-2009 11:36:10	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	40443	No
143	GOM_NL__2PRFIN20091124_114455_000000512084_00309_40443_2241.N1	24-NOV-2009 11:44:55	Bright	50.500	62	94Bet Leo	2.1360	9700.0	101	40443	No
144	GOM_NL__2PRFIN20091124_114821_000000572084_00309_40443_2242.N1	24-NOV-2009 11:48:21	Bright	57.000	121	29Gam Vir	2.7400	7200.0	114	40443	No
145	GOM_NL__2PRFIN20091124_115342_000000432084_00309_40443_2243.N1	24-NOV-2009 11:53:42	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	40443	No
146	GOM_NL__2PRFIN20091124_115516_000000482084_00309_40443_2244.N1	24-NOV-2009 11:55:16	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40443	No
147	GOM_NL__2PRFIN20091124_120443_000000442084_00310_40444_2234.N1	24-NOV-2009 12:04:43	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40444	No
148	GOM_NL__2PRFIN20091124_121132_000000482084_00310_40444_2235.N1	24-NOV-2009 12:11:32	Dark	48.000	41	Eps Car	1.8600	4100.0	96	40444	No
149	GOM_NL__2PRFIN20091124_121305_000000532084_00310_40444_2236.N1	24-NOV-2009 12:13:05	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	40444	No
150	GOM_NL__2PRFIN20091124_121700_000000592084_00310_40444_2237.N1	24-NOV-2009 12:17:00	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	40444	No
151	GOM_NL__2PRFIN20091124_122335_000000492084_00310_40444_2238.N1	24-NOV-2009 12:23:35	Dark	49.000	108	Alp Col	2.6520	15200.	98	40444	No
152	GOM_NL__2PRFIN20091124_123155_000000472084_00310_40444_2239.N1	24-NOV-2009 12:31:55	Straylight	47.000	165	34Gam Eri	2.9500	3200.0	94	40444	No
153	GOM_NL__2PRFIN20091124_123719_000000472084_00310_40444_2240.N1	24-NOV-2009 12:37:19	Twilight	46.500	94	92Alp Cet	2.5260	3100.0	93	40444	No
154	GOM_NL__2PRFIN20091124_124217_000000432084_00310_40444_2241.N1	24-NOV-2009 12:42:17	Bright	43.000	13	87Alp Tau	0.86700	3800.0	86	40444	No
155	GOM_NL__2PRFIN20091124_124334_000000402084_00310_40444_2242.N1	24-NOV-2009 12:43:34	Bright	40.000	146	25Eta Tau	2.8730	15200.	80	40444	No
156	GOM_NL__2PRFIN20091124_124603_000000412084_00310_40444_2243.N1	24-NOV-2009 12:46:03	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40444	No
157	GOM_NL__2PRFIN20091124_124800_000000372084_00310_40444_2244.N1	24-NOV-2009 12:48:00	Bright	37.000	79	26Bet Per	2.3100	13100.	74	40444	No
158	GOM_NL__2PRFIN20091124_125026_000000372084_00310_40444_2245.N1	24-NOV-2009 12:50:26	Bright	37.000	175	39Del Per	3.0100	19400.	74	40444	No
159	GOM_NL__2PRFIN20091124_130836_000000452084_00310_40444_2246.N1	24-NOV-2009 13:08:36	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	40444	No
160	GOM_NL__2PRFIN20091124_131014_000000452084_00310_40444_2247.N1	24-NOV-2009 13:10:14	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	40444	No



161	GOM_NL__2PRFIN20091124_131148_000000402084_00310_40444_2248.N1	24-NOV-2009 13:11:48	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	40444	No
162	GOM_NL__2PRFIN20091124_131432_000000432084_00310_40444_2249.N1	24-NOV-2009 13:14:32	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	40444	No
163	GOM_NL__2PRFIN20091124_131646_000000532084_00310_40444_2250.N1	24-NOV-2009 13:16:46	Bright	52.500	152	12Alp2CVn	2.8900	11000.	105	40444	No
164	GOM_NL__2PRFIN20091124_132531_000000482084_00310_40444_2251.N1	24-NOV-2009 13:25:31	Bright	48.000	62	94Bet Leo	2.1360	9700.0	96	40444	No
165	GOM_NL__2PRFIN20091124_132858_000000522084_00310_40444_2252.N1	24-NOV-2009 13:28:58	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40444	No
166	GOM_NL__2PRFIN20091124_133419_000000462084_00310_40444_2253.N1	24-NOV-2009 13:34:19	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	40444	No
167	GOM_NL__2PRFIN20091124_133553_000000482084_00310_40444_2254.N1	24-NOV-2009 13:35:53	Twilight	48.000	171	2Eps Crv	3.0010	4250.0	96	40444	No
168	GOM_NL__2PRFIN20091124_134520_000000482084_00311_40445_2264.N1	24-NOV-2009 13:45:20	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40445	No
169	GOM_NL__2PRFIN20091124_135208_000000452084_00311_40445_2265.N1	24-NOV-2009 13:52:08	Dark	44.500	41	Eps Car	1.8600	4100.0	89	40445	No
170	GOM_NL__2PRFIN20091124_135342_000000472084_00311_40445_2266.N1	24-NOV-2009 13:53:42	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40445	No
171	GOM_NL__2PRFIN20091124_135737_000000442084_00311_40445_2267.N1	24-NOV-2009 13:57:37	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	40445	No
172	GOM_NL__2PRFIN20091124_140412_000000502084_00311_40445_2268.N1	24-NOV-2009 14:04:12	Dark	50.000	108	Alp Col	2.6520	15200.	100	40445	No
173	GOM_NL__2PRFIN20091124_141230_000000492084_00311_40445_2269.N1	24-NOV-2009 14:12:30	Straylight	48.500	165	34Gam Eri	2.9500	3200.0	97	40445	No
174	GOM_NL__2PRFIN20091124_141755_000000462084_00311_40445_2270.N1	24-NOV-2009 14:17:55	Twilight	45.500	94	92Alp Cet	2.5260	3100.0	91	40445	No
175	GOM_NL__2PRFIN20091124_142253_000000432084_00311_40445_2271.N1	24-NOV-2009 14:22:53	Bright	43.000	13	87Alp Tau	0.86700	3800.0	86	40445	No
176	GOM_NL__2PRFIN20091124_142409_000000412084_00311_40445_2272.N1	24-NOV-2009 14:24:09	Bright	40.500	146	25Eta Tau	2.8730	15200.	81	40445	No
177	GOM_NL__2PRFIN20091124_142638_000000412084_00311_40445_2273.N1	24-NOV-2009 14:26:38	Bright	41.000	150	44Zet Per	2.8900	28000.	82	40445	No
178	GOM_NL__2PRFIN20091124_142835_000000382084_00311_40445_2274.N1	24-NOV-2009 14:28:35	Bright	37.500	79	26Bet Per	2.3100	13100.	75	40445	No
179	GOM_NL__2PRFIN20091124_143102_000000382084_00311_40445_2275.N1	24-NOV-2009 14:31:02	Bright	38.000	175	39Del Per	3.0100	19400.	76	40445	No
180	GOM_NL__2PRFIN20091124_144911_000000462084_00311_40445_2276.N1	24-NOV-2009 14:49:11	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40445	No
181	GOM_NL__2PRFIN20091124_145049_000000432084_00311_40445_2277.N1	24-NOV-2009 14:50:49	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	40445	No
182	GOM_NL__2PRFIN20091124_145223_000000602084_00311_40445_2278.N1	24-NOV-2009 14:52:23	Bright	60.000	87	64Gam UMa	2.4330	11000.	120	40445	No
183	GOM_NL__2PRFIN20091124_145508_000000432084_00311_40445_2279.N1	24-NOV-2009 14:55:08	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	40445	No
184	GOM_NL__2PRFIN20091124_145722_000000372084_00311_40445_2280.N1	24-NOV-2009 14:57:22	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	40445	No
185	GOM_NL__2PRFIN20091124_150608_000000512084_00311_40445_2281.N1	24-NOV-2009 15:06:08	Bright	51.000	62	94Bet Leo	2.1360	9700.0	102	40445	No
186	GOM_NL__2PRFIN20091124_150934_000000472084_00311_40445_2282.N1	24-NOV-2009 15:09:34	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	40445	No
187	GOM_NL__2PRFIN20091124_151456_000000482084_00311_40445_2283.N1	24-NOV-2009 15:14:56	Twilight	48.000	100	4Gam Crv	2.5800	13100.	96	40445	No
188	GOM_NL__2PRFIN20091124_151629_000000452084_00311_40445_2284.N1	24-NOV-2009 15:16:29	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	40445	No
189	GOM_NL__2PRFIN20091124_152556_000000402084_00312_40446_2274.N1	24-NOV-2009 15:25:56	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	40446	No
190	GOM_NL__2PRFIN20091124_153245_000000442084_00312_40446_2275.N1	24-NOV-2009 15:32:45	Dark	44.000	41	Eps Car	1.8600	4100.0	88	40446	No
191	GOM_NL__2PRFIN20091124_153419_000000492084_00312_40446_2276.N1	24-NOV-2009 15:34:19	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40446	No
192	GOM_NL__2PRFIN20091124_153814_000000582084_00312_40446_2277.N1	24-NOV-2009 15:38:14	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	40446	No
193	GOM_NL__2PRFIN20091124_154448_000000512084_00312_40446_2278.N1	24-NOV-2009 15:44:48	Dark	51.000	108	Alp Col	2.6520	15200.	102	40446	No
194	GOM_NL__2PRFIN20091124_155307_000000492084_00312_40446_2279.N1	24-NOV-2009 15:53:07	Straylight	49.000	165	34Gam Eri	2.9500	3200.0	98	40446	No
195	GOM_NL__2PRFIN20091124_155831_000000452084_00312_40446_2280.N1	24-NOV-2009 15:58:31	Twilight	44.500	94	92Alp Cet	2.5260	3100.0	89	40446	No
196	GOM_NL__2PRFIN20091124_160328_000000502084_00312_40446_2281.N1	24-NOV-2009 16:03:28	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40446	No
197	GOM_NL__2PRFIN20091124_160445_000000412084_00312_40446_2282.N1	24-NOV-2009 16:04:45	Bright	40.500	146	25Eta Tau	2.8730	15200.	81	40446	No
198	GOM_NL__2PRFIN20091124_160714_000000392084_00312_40446_2283.N1	24-NOV-2009 16:07:14	Bright	39.000	150	44Zet Per	2.8900	28000.	78	40446	No
199	GOM_NL__2PRFIN20091124_160911_000000392084_00312_40446_2284.N1	24-NOV-2009 16:09:11	Bright	38.500	79	26Bet Per	2.3100	13100.	77	40446	No
200	GOM_NL__2PRFIN20091124_161137_000000382084_00312_40446_2285.N1	24-NOV-2009 16:11:37	Bright	38.000	175	39Del Per	3.0100	19400.	76	40446	No
201	GOM_NL__2PRFIN20091124_162947_000000392084_00312_40446_2286.N1	24-NOV-2009 16:29:47	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	40446	No
202	GOM_NL__2PRFIN20091124_163125_000000412084_00312_40446_2287.N1	24-NOV-2009 16:31:25	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40446	No
203	GOM_NL__2PRFIN20091124_163259_000000602084_00312_40446_2288.N1	24-NOV-2009 16:32:59	Bright	60.000	87	64Gam UMa	2.4330	11000.	120	40446	No
204	GOM_NL__2PRFIN20091124_163544_000000372084_00312_40446_2289.N1	24-NOV-2009 16:35:44	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	40446	No
205	GOM_NL__2PRFIN20091124_163758_000000362084_00312_40446_2290.N1	24-NOV-2009 16:37:58	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	40446	No
206	GOM_NL__2PRFIN20091124_164645_000000542084_00312_40446_2291.N1	24-NOV-2009 16:46:45	Bright	53.500	62	94Bet Leo	2.1360	9700.0	107	40446	No
207	GOM_NL__2PRFIN20091124_165010_000000462084_00312_40446_2292.N1	24-NOV-2009 16:50:10	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	40446	No
208	GOM_NL__2PRFIN20091124_165532_000000462084_00312_40446_2293.N1	24-NOV-2009 16:55:32	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	40446	No
209	GOM_NL__2PRFIN20091124_165706_000000482084_00312_40446_2294.N1	24-NOV-2009 16:57:06	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40446	No
210	GOM_NL__2PRFIN20091124_170633_000000522084_00313_40447_2297.N1	24-NOV-2009 17:06:33	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40447	No
211	GOM_NL__2PRFIN20091124_171322_000000472084_00313_40447_2298.N1	24-NOV-2009 17:13:22	Dark	47.000	41	Eps Car	1.8600	4100.0	94	40447	No
212	GOM_NL__2PRFIN20091124_171456_000000522084_00313_40447_2299.N1	24-NOV-2009 17:14:56	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40447	No
213	GOM_NL__2PRFIN20091124_171850_000000592084_00313_40447_2300.N1	24-NOV-2009 17:18:50	Dark	58.500	2	Alp Car	-0.73600	7000.0	117	40447	No
214	GOM_NL__2PRFIN20091124_172524_000000502084_00313_40447_2301.N1	24-NOV-2009 17:25:24	Dark	50.000	108	Alp Col	2.6520	15200.	100	40447	No
215	GOM_NL__2PRFIN20091124_173343_000000482084_00313_40447_2302.N1	24-NOV-2009 17:33:43	Straylight	48.000	165	34Gam Eri	2.9500	3200.0	96	40447	No
216	GOM_NL__2PRFIN20091124_173907_000000452084_00313_40447_2303.N1	24-NOV-2009 17:39:07	Twilight	45.000	94	92Alp Cet	2.5260	3100.0	90	40447	No
217	GOM_NL__2PRFIN20091124_174404_000000502084_00313_40447_2304.N1	24-NOV-2009 17:44:04	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40447	No
218	GOM_NL__2PRFIN20091124_174521_000000402084_00313_40447_2305.N1	24-NOV-2009 17:45:21	Bright	40.000	146	25Eta Tau	2.8730	15200.	80	40447	No
219	GOM_NL__2PRFIN20091124_174749_000000592084_00313_40447_2306.N1	24-NOV-2009 17:47:49	Bright	59.000	150	44Zet Per	2.8900	28000.	118	40447	No

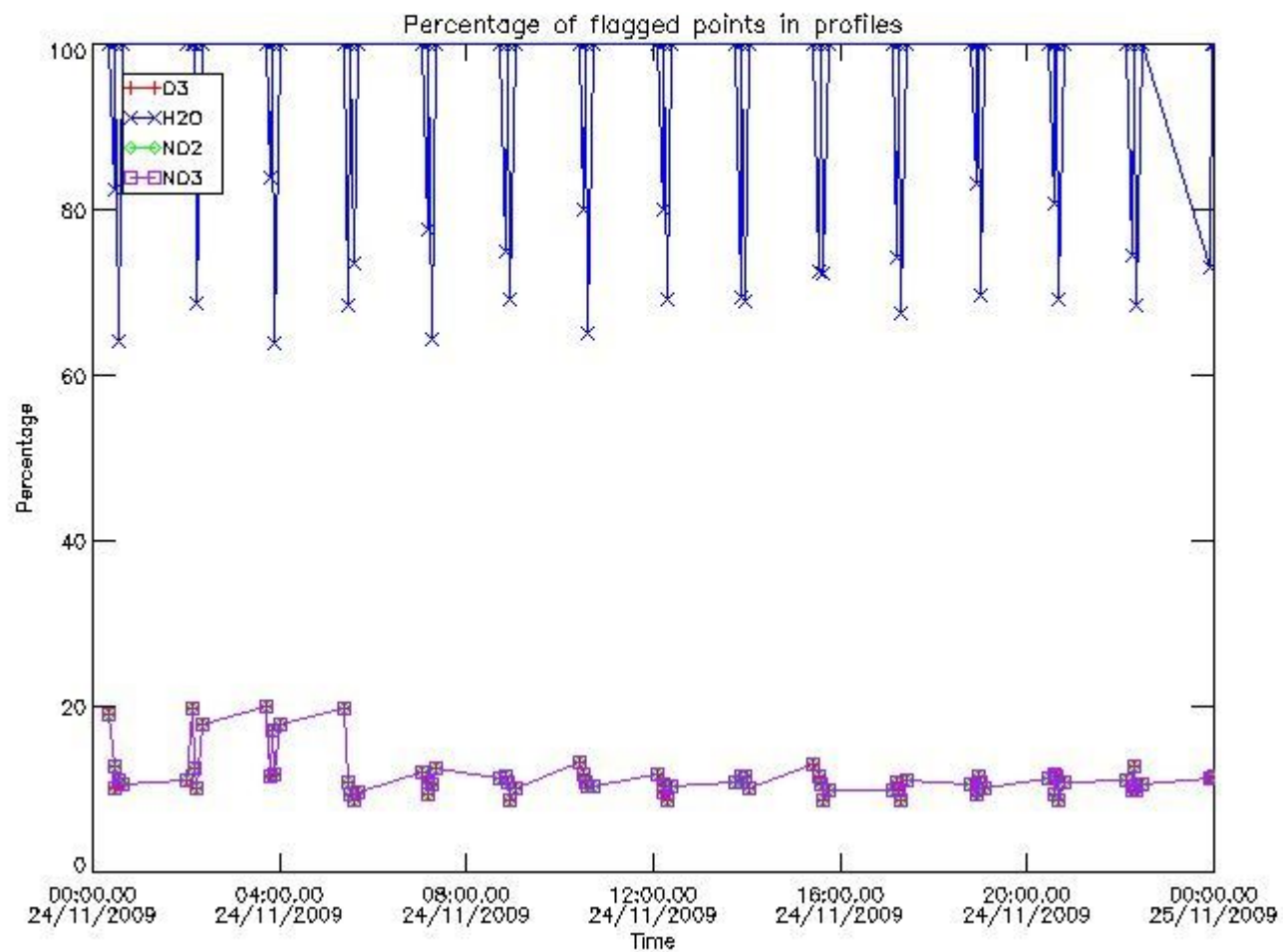
220	GOM_NL__2PRFIN20091124_174947_000000542084_00313_40447_2307.N1	24-NOV-2009 17:49:47	Bright	54.000	79	26Bet Per	2.3100	13100.	108	40447	No
221	GOM_NL__2PRFIN20091124_175213_000000382084_00313_40447_2308.N1	24-NOV-2009 17:52:13	Bright	38.000	175	39Del Per	3.0100	19400.	76	40447	No
222	GOM_NL__2PRFIN20091124_181023_000000392084_00313_40447_2309.N1	24-NOV-2009 18:10:23	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	40447	No
223	GOM_NL__2PRFIN20091124_181201_000000412084_00313_40447_2310.N1	24-NOV-2009 18:12:01	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40447	No
224	GOM_NL__2PRFIN20091124_181335_000000402084_00313_40447_2311.N1	24-NOV-2009 18:13:35	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	40447	No
225	GOM_NL__2PRFIN20091124_181619_000000372084_00313_40447_2312.N1	24-NOV-2009 18:16:19	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	40447	No
226	GOM_NL__2PRFIN20091124_181834_000000472084_00313_40447_2313.N1	24-NOV-2009 18:18:34	Bright	46.500	152	12Alp2CVn	2.8900	11000.	93	40447	No
227	GOM_NL__2PRFIN20091124_182721_000000542084_00313_40447_2314.N1	24-NOV-2009 18:27:21	Bright	53.500	62	94Bet Leo	2.1360	9700.0	107	40447	No
228	GOM_NL__2PRFIN20091124_183046_000000412084_00313_40447_2315.N1	24-NOV-2009 18:30:46	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	40447	No
229	GOM_NL__2PRFIN20091124_183609_000000462084_00313_40447_2316.N1	24-NOV-2009 18:36:09	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	40447	No
230	GOM_NL__2PRFIN20091124_183742_000000482084_00313_40447_2317.N1	24-NOV-2009 18:37:42	Twilight	47.500	171	2Eps Crv	3.0010	4250.0	95	40447	No
231	GOM_NL__2PRFIN20091124_184710_000000482084_00314_40448_2301.N1	24-NOV-2009 18:47:10	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	40448	No
232	GOM_NL__2PRFIN20091124_185358_000000542084_00314_40448_2302.N1	24-NOV-2009 18:53:58	Dark	54.000	41	Eps Car	1.8600	4100.0	108	40448	No
233	GOM_NL__2PRFIN20091124_185533_000000512084_00314_40448_2303.N1	24-NOV-2009 18:55:33	Dark	51.000	34	Gam2Vel	1.7930	23000.	102	40448	No
234	GOM_NL__2PRFIN20091124_185702_000000442084_00314_40448_2304.N1	24-NOV-2009 18:57:02	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40448	No
235	GOM_NL__2PRFIN20091124_185927_000000462084_00314_40448_2305.N1	24-NOV-2009 18:59:27	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40448	No
236	GOM_NL__2PRFIN20091124_190601_000000512084_00314_40448_2306.N1	24-NOV-2009 19:06:01	Dark	50.500	108	Alp Col	2.6520	15200.	101	40448	No
237	GOM_NL__2PRFIN20091124_191419_000000462084_00314_40448_2307.N1	24-NOV-2009 19:14:19	Straylight	46.000	165	34Gam Eri	2.9500	3200.0	92	40448	No
238	GOM_NL__2PRFIN20091124_191943_000000452084_00314_40448_2308.N1	24-NOV-2009 19:19:43	Twilight	45.000	94	92Alp Cet	2.5260	3100.0	90	40448	No
239	GOM_NL__2PRFIN20091124_192439_000000572084_00314_40448_2309.N1	24-NOV-2009 19:24:39	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40448	No
240	GOM_NL__2PRFIN20091124_192825_000000422084_00314_40448_2310.N1	24-NOV-2009 19:28:25	Bright	41.500	150	44Zet Per	2.8900	28000.	83	40448	No
241	GOM_NL__2PRFIN20091124_193023_000000392084_00314_40448_2311.N1	24-NOV-2009 19:30:23	Bright	39.000	79	26Bet Per	2.3100	13100.	78	40448	No
242	GOM_NL__2PRFIN20091124_193248_000000382084_00314_40448_2312.N1	24-NOV-2009 19:32:48	Bright	37.500	175	39Del Per	3.0100	19400.	75	40448	No
243	GOM_NL__2PRFIN20091124_195059_000000462084_00314_40448_2313.N1	24-NOV-2009 19:50:59	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40448	No
244	GOM_NL__2PRFIN20091124_195236_000000452084_00314_40448_2314.N1	24-NOV-2009 19:52:36	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	40448	No
245	GOM_NL__2PRFIN20091124_195408_000000352084_00314_40448_2315.N1	24-NOV-2009 19:54:08	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	40448	No
246	GOM_NL__2PRFIN20091124_195655_000000302084_00314_40448_2316.N1	24-NOV-2009 19:56:55	Twilight	30.000	174	52Psi UMa	3.0040	4400.0	60	40448	No
247	GOM_NL__2PRFIN20091124_195911_000000532084_00314_40448_2317.N1	24-NOV-2009 19:59:11	Bright	53.000	152	12Alp2CVn	2.8900	11000.	106	40448	No
248	GOM_NL__2PRFIN20091124_200758_000000522084_00314_40448_2318.N1	24-NOV-2009 20:07:58	Bright	52.000	62	94Bet Leo	2.1360	9700.0	104	40448	No
249	GOM_NL__2PRFIN20091124_201123_000000572084_00314_40448_2319.N1	24-NOV-2009 20:11:23	Bright	57.000	121	29Gam Vir	2.7400	7200.0	114	40448	No
250	GOM_NL__2PRFIN20091124_201645_000000462084_00314_40448_2320.N1	24-NOV-2009 20:16:45	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	40448	No
251	GOM_NL__2PRFIN20091124_201819_000000462084_00314_40448_2321.N1	24-NOV-2009 20:18:19	Twilight	46.000	171	2Eps Crv	3.0010	4250.0	92	40448	No
252	GOM_NL__2PRFIN20091124_202746_000000452084_00315_40449_2311.N1	24-NOV-2009 20:27:46	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40449	No
253	GOM_NL__2PRFIN20091124_203435_000000472084_00315_40449_2312.N1	24-NOV-2009 20:34:35	Dark	47.000	41	Eps Car	1.8600	4100.0	94	40449	No
254	GOM_NL__2PRFIN20091124_203609_000000542084_00315_40449_2313.N1	24-NOV-2009 20:36:09	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	40449	No
255	GOM_NL__2PRFIN20091124_203739_000000442084_00315_40449_2314.N1	24-NOV-2009 20:37:39	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40449	No
256	GOM_NL__2PRFIN20091124_204003_000000592084_00315_40449_2315.N1	24-NOV-2009 20:40:03	Dark	58.500	2	Alp Car	-0.73600	7000.0	117	40449	No
257	GOM_NL__2PRFIN20091124_204637_000000482084_00315_40449_2316.N1	24-NOV-2009 20:46:37	Dark	47.500	108	Alp Col	2.6520	15200.	95	40449	No
258	GOM_NL__2PRFIN20091124_205455_000000472084_00315_40449_2317.N1	24-NOV-2009 20:54:55	Straylight	46.500	165	34Gam Eri	2.9500	3200.0	93	40449	No
259	GOM_NL__2PRFIN20091124_210026_000000392084_00315_40449_2318.N1	24-NOV-2009 21:00:26	Dark	38.500	94	92Alp Cet	2.5260	3100.0	77	40449	Yes
260	GOM_NL__2PRFIN20091124_210514_000000572084_00315_40449_2319.N1	24-NOV-2009 21:05:14	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40449	No
261	GOM_NL__2PRFIN20091124_210901_000000402084_00315_40449_2320.N1	24-NOV-2009 21:09:01	Bright	39.500	150	44Zet Per	2.8900	28000.	79	40449	No
262	GOM_NL__2PRFIN20091124_211059_000000392084_00315_40449_2321.N1	24-NOV-2009 21:10:59	Bright	39.000	79	26Bet Per	2.3100	13100.	78	40449	No
263	GOM_NL__2PRFIN20091124_211324_000000372084_00315_40449_2322.N1	24-NOV-2009 21:13:24	Bright	37.000	175	39Del Per	3.0100	19400.	74	40449	No
264	GOM_NL__2PRFIN20091124_213134_000000432084_00315_40449_2323.N1	24-NOV-2009 21:31:34	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40449	No
265	GOM_NL__2PRFIN20091124_213312_000000422084_00315_40449_2324.N1	24-NOV-2009 21:33:12	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	40449	No
266	GOM_NL__2PRFIN20091124_213445_000000372084_00315_40449_2325.N1	24-NOV-2009 21:34:45	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	40449	No
267	GOM_NL__2PRFIN20091124_213731_000000302084_00315_40449_2326.N1	24-NOV-2009 21:37:31	Twilight	30.000	174	52Psi UMa	3.0040	4400.0	60	40449	No
268	GOM_NL__2PRFIN20091124_213947_000000562084_00315_40449_2327.N1	24-NOV-2009 21:39:47	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40449	No
269	GOM_NL__2PRFIN20091124_214834_000000702084_00315_40449_2328.N1	24-NOV-2009 21:48:34	Bright	70.000	62	94Bet Leo	2.1360	9700.0	140	40449	No
270	GOM_NL__2PRFIN20091124_215159_000000402084_00315_40449_2329.N1	24-NOV-2009 21:51:59	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	40449	No
271	GOM_NL__2PRFIN20091124_215722_000000452084_00315_40449_2330.N1	24-NOV-2009 21:57:22	Twilight	44.500	100	4Gam Crv	2.5800	13100.	89	40449	No
272	GOM_NL__2PRFIN20091124_215856_000000462084_00315_40449_2331.N1	24-NOV-2009 21:58:56	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	40449	No
273	GOM_NL__2PRFIN20091124_220823_000000462084_00316_40450_2320.N1	24-NOV-2009 22:08:23	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40450	No
274	GOM_NL__2PRFIN20091124_221511_000000522084_00316_40450_2321.N1	24-NOV-2009 22:15:11	Dark	51.500	41	Eps Car	1.8600	4100.0	103	40450	No
275	GOM_NL__2PRFIN20091124_221646_000000552084_00316_40450_2322.N1	24-NOV-2009 22:16:46	Dark	54.500	34	Gam2Vel	1.7930	23000.	109	40450	No
276	GOM_NL__2PRFIN20091124_221816_000000442084_00316_40450_2323.N1	24-NOV-2009 22:18:16	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40450	No
277	GOM_NL__2PRFIN20091124_222039_000000512084_00316_40450_2324.N1	24-NOV-2009 22:20:39	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	40450	No
278	GOM_NL__2PRFIN20091124_222714_000000482084_00316_40450_2325.N1	24-NOV-2009 22:27:14	Dark	48.000	108	Alp Col	2.6520	15200.	96	40450	No

279	GOM_NL__2PRFIN20091124_223531_000000462084_00316_40450_2326.N1	24-NOV-2009 22:35:31	Straylight	45.500	165	34Gam Eri	2.9500	3200.0	91	40450	No
280	GOM_NL__2PRFIN20091124_224550_000000642084_00316_40450_2327.N1	24-NOV-2009 22:45:50	Bright	64.000	13	87Alp Tau	0.86700	3800.0	128	40450	No
281	GOM_NL__2PRFIN20091124_224936_000000412084_00316_40450_2328.N1	24-NOV-2009 22:49:36	Bright	40.500	150	44Zet Per	2.8900	28000.	81	40450	No
282	GOM_NL__2PRFIN20091124_225134_000000382084_00316_40450_2329.N1	24-NOV-2009 22:51:34	Bright	38.000	79	26Bet Per	2.3100	13100.	76	40450	No
283	GOM_NL__2PRFIN20091124_225400_000000372084_00316_40450_2330.N1	24-NOV-2009 22:54:00	Bright	37.000	175	39Del Per	3.0100	19400.	74	40450	No
284	GOM_NL__2PRFIN20091124_231210_000000412084_00316_40450_2331.N1	24-NOV-2009 23:12:10	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	40450	No
285	GOM_NL__2PRFIN20091124_231348_000000652084_00316_40450_2332.N1	24-NOV-2009 23:13:48	Bright	65.000	82	48Bet UMa	2.3650	10600.	130	40450	No
286	GOM_NL__2PRFIN20091124_231521_000000532084_00316_40450_2333.N1	24-NOV-2009 23:15:21	Bright	53.000	55	79Zet UMa	2.0600	10200.	106	40450	No
287	GOM_NL__2PRFIN20091124_232022_000000562084_00316_40450_2334.N1	24-NOV-2009 23:20:22	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	40450	No
288	GOM_NL__2PRFIN20091124_232910_000000452084_00316_40450_2335.N1	24-NOV-2009 23:29:10	Bright	44.500	62	94Bet Leo	2.1360	9700.0	89	40450	No
289	GOM_NL__2PRFIN20091124_233236_000000572084_00316_40450_2336.N1	24-NOV-2009 23:32:36	Bright	57.000	121	29Gam Vir	2.7400	7200.0	114	40450	No
290	GOM_NL__2PRFIN20091124_233758_000000442084_00316_40450_2337.N1	24-NOV-2009 23:37:58	Twilight	44.000	100	4Gam Crv	2.5800	13100.	88	40450	No
291	GOM_NL__2PRFIN20091124_233932_000000452084_00316_40450_2338.N1	24-NOV-2009 23:39:32	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	40450	No
292	GOM_NL__2PRFIN20091124_235548_000000452084_00317_40451_2330.N1	24-NOV-2009 23:55:48	Dark	45.000	41	Eps Car	1.8600	4100.0	90	40451	No
293	GOM_NL__2PRFIN20091124_235723_000000492084_00317_40451_2331.N1	24-NOV-2009 23:57:23	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40451	No
294	GOM_NL__2PRFIN20091124_235853_000000442084_00317_40451_2332.N1	24-NOV-2009 23:58:53	Dark	44.000	70	Zet Pup	2.2460	39000.	88	40451	No

### 3. Quality information per product

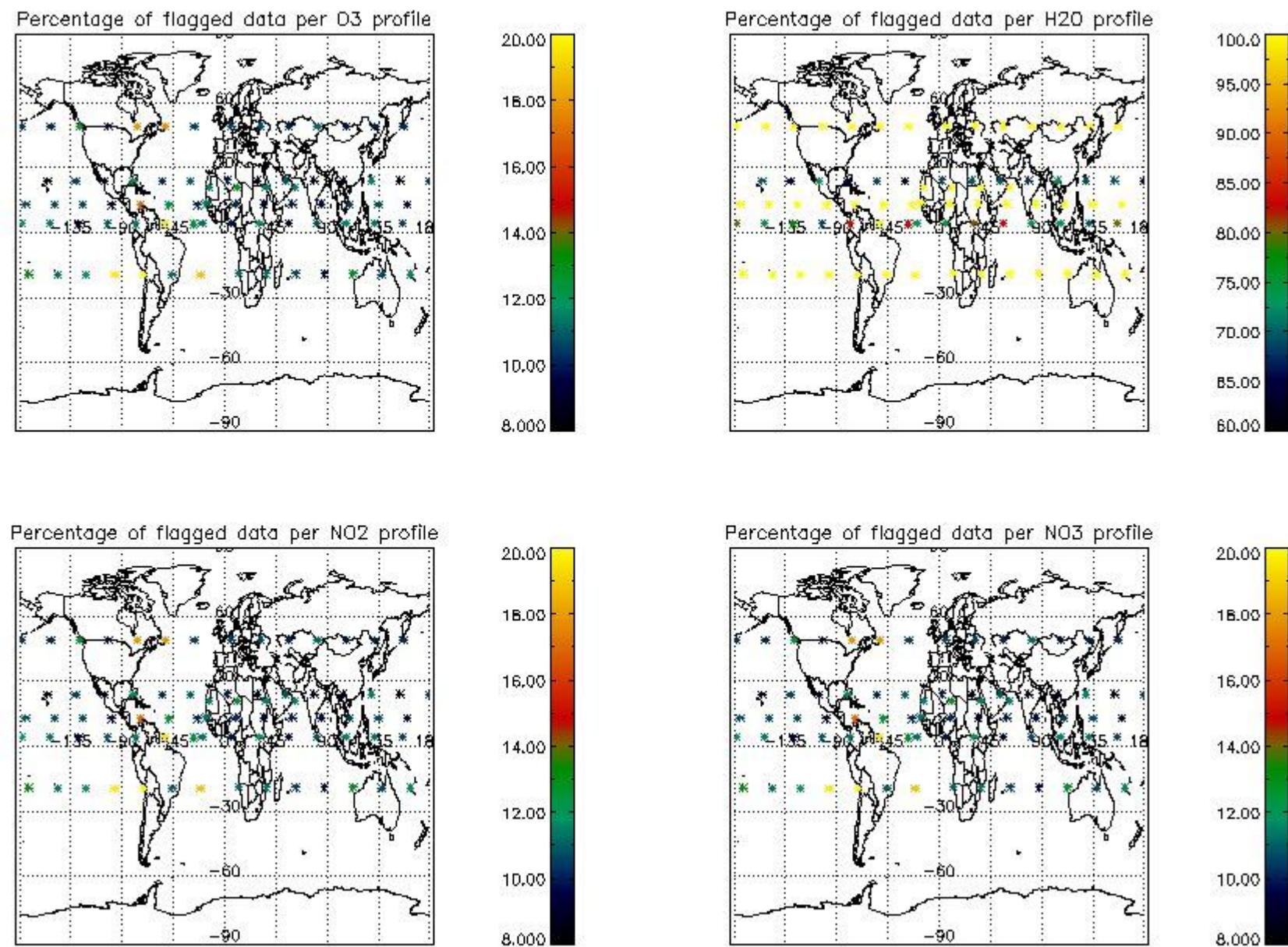
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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





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

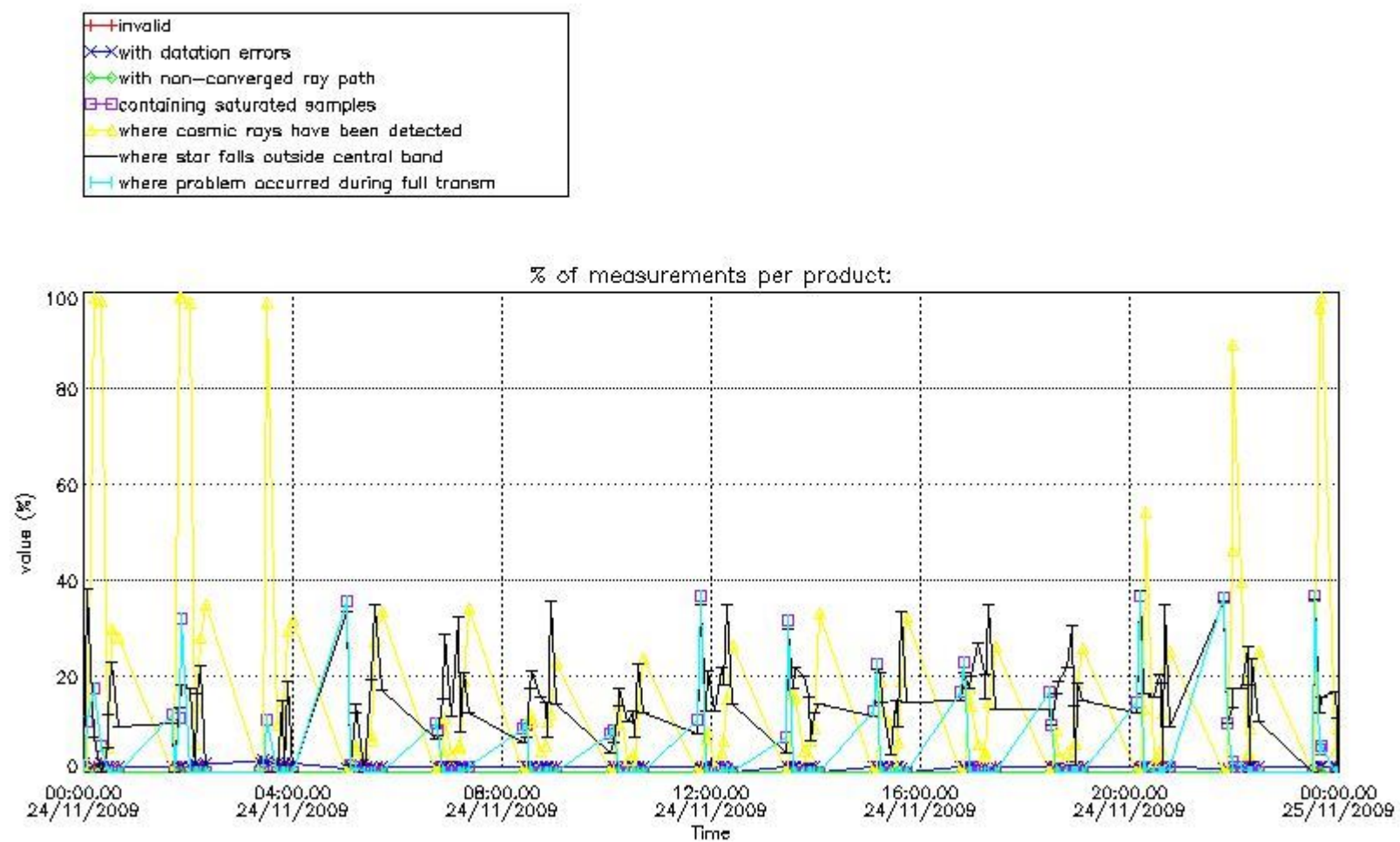


### 4. Level 1 quality information per product

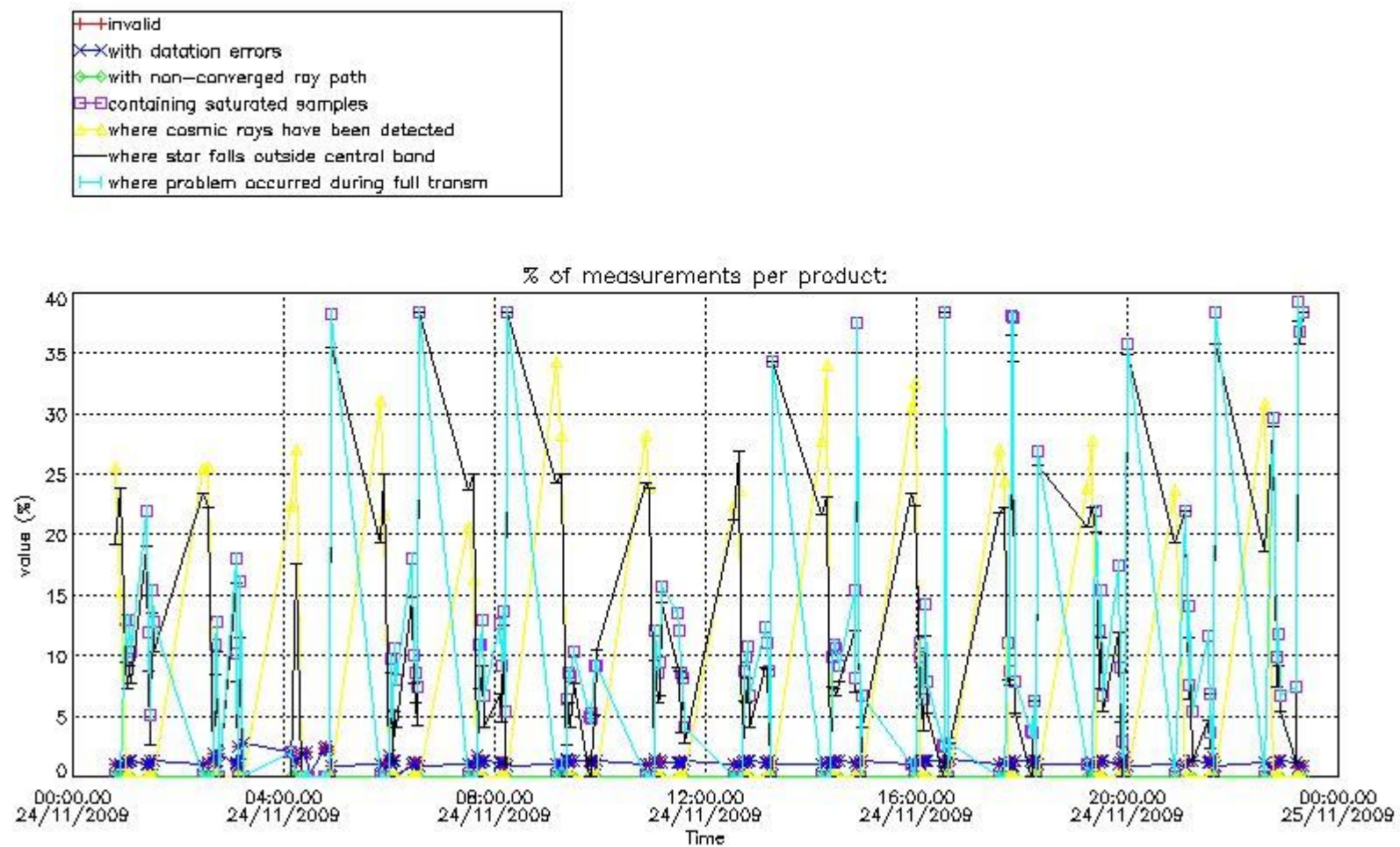
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

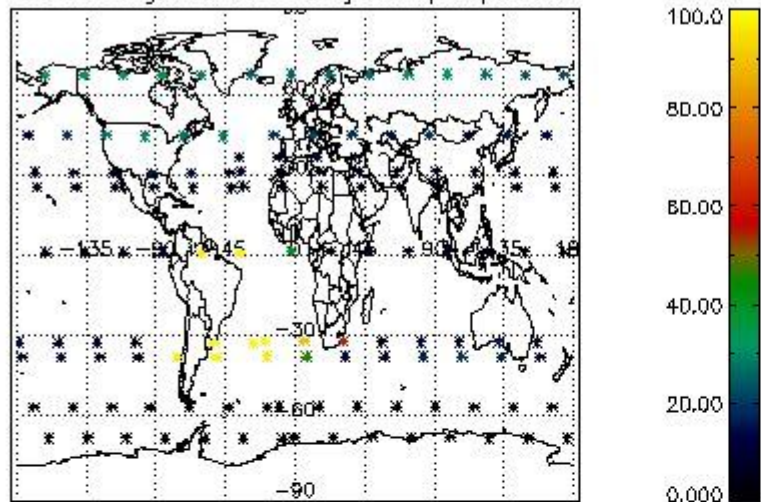


*4.2 Plot quality information per product coming from level 1b processing (world map)*

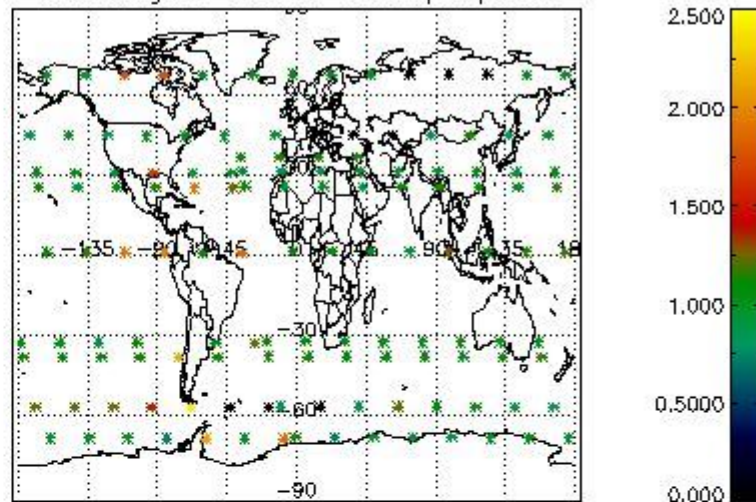
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*



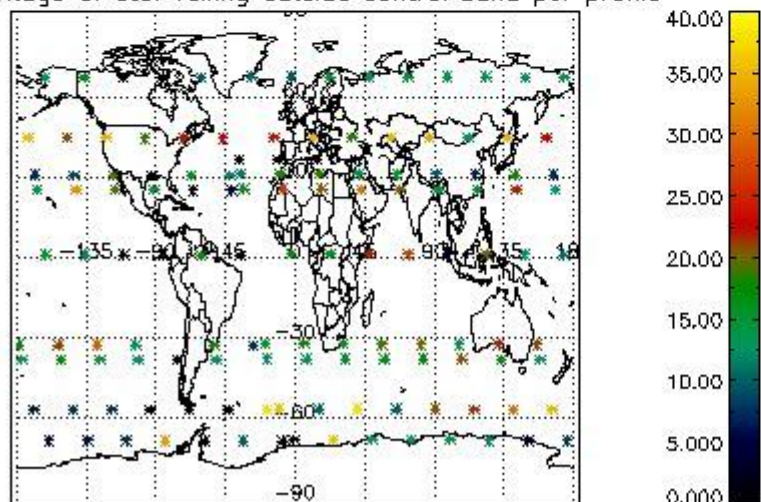
Percentage of cosmic ray hits per profile



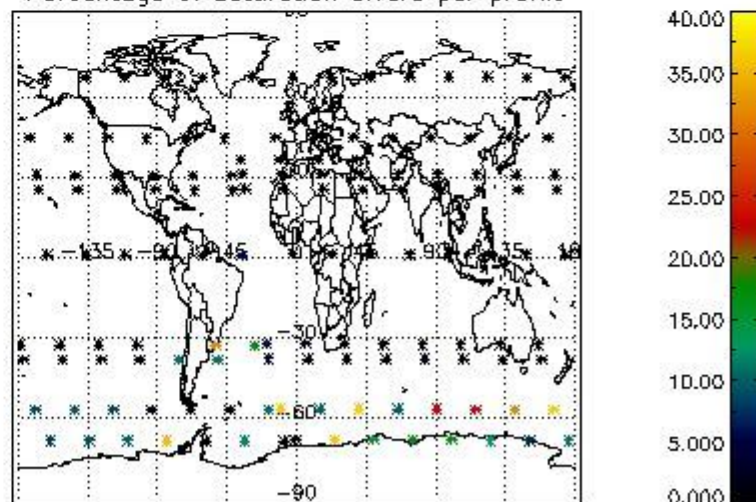
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

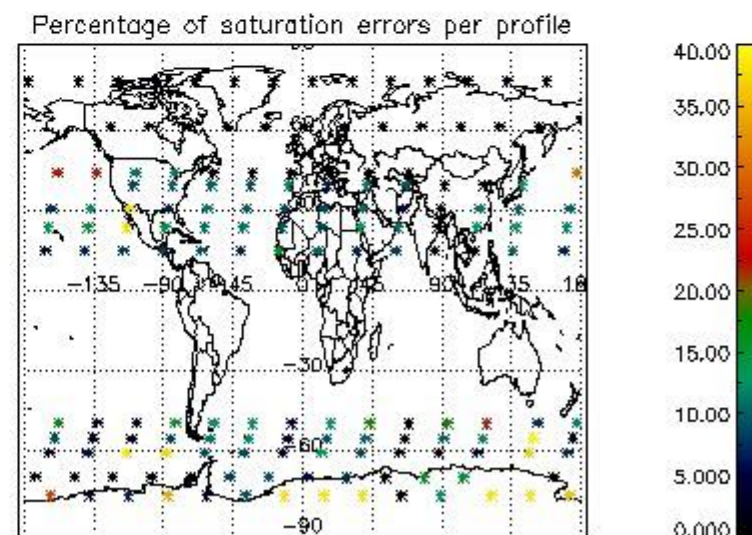
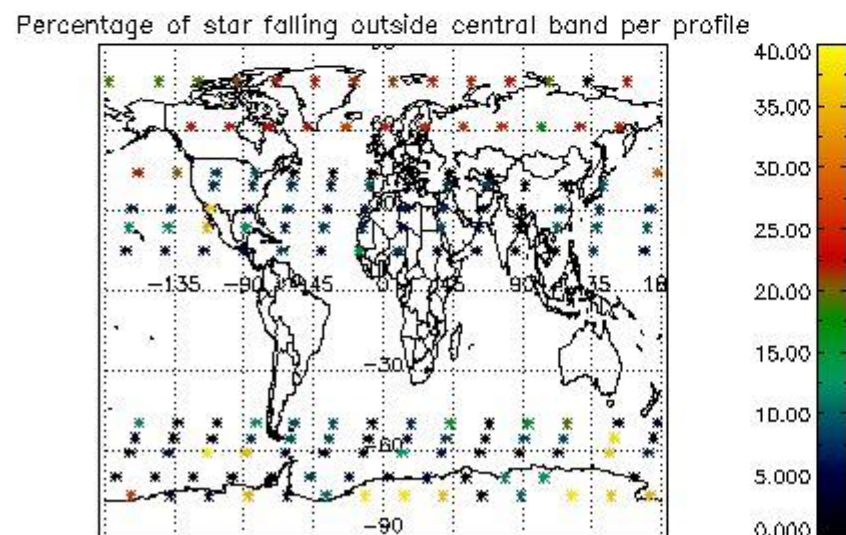
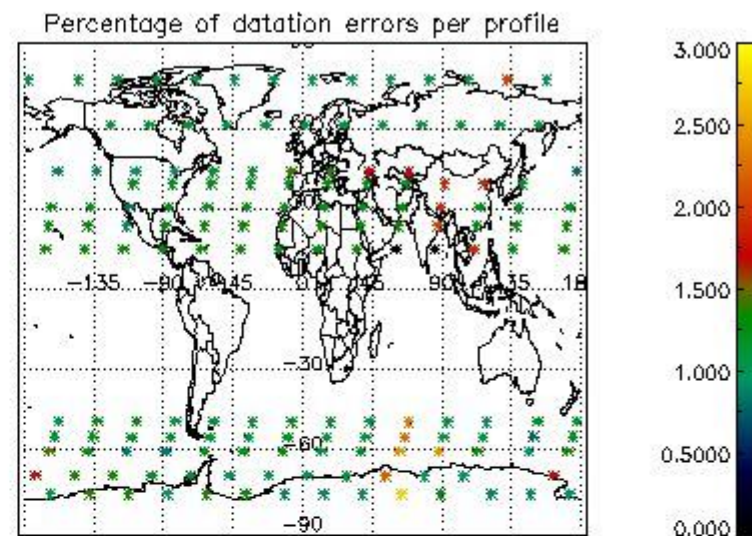
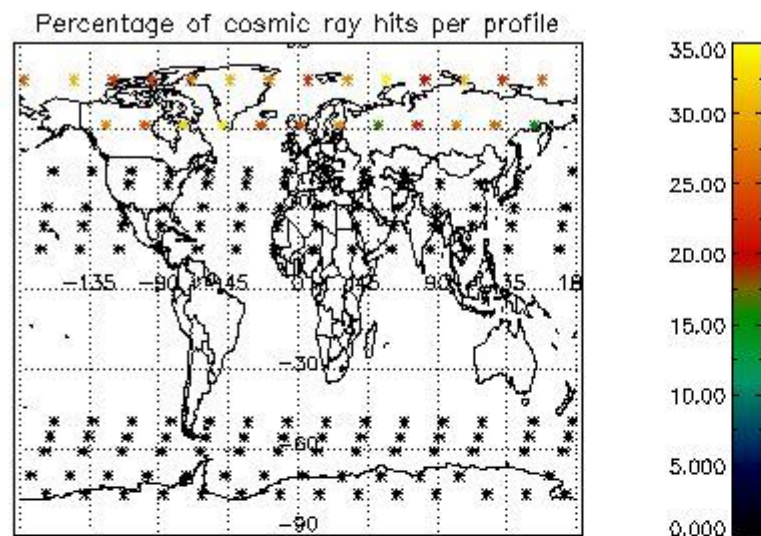


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

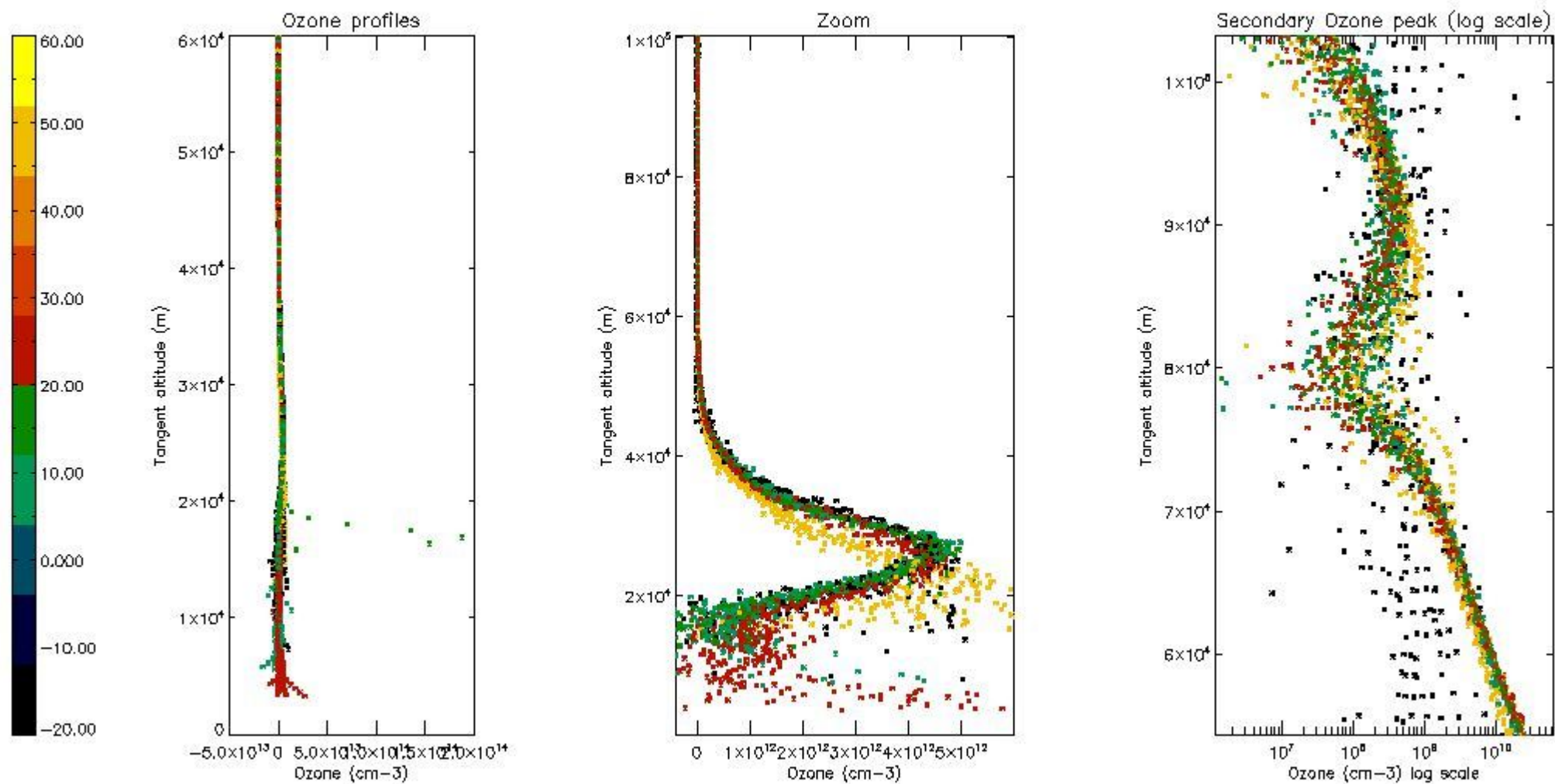
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	12
STD < 5	7

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

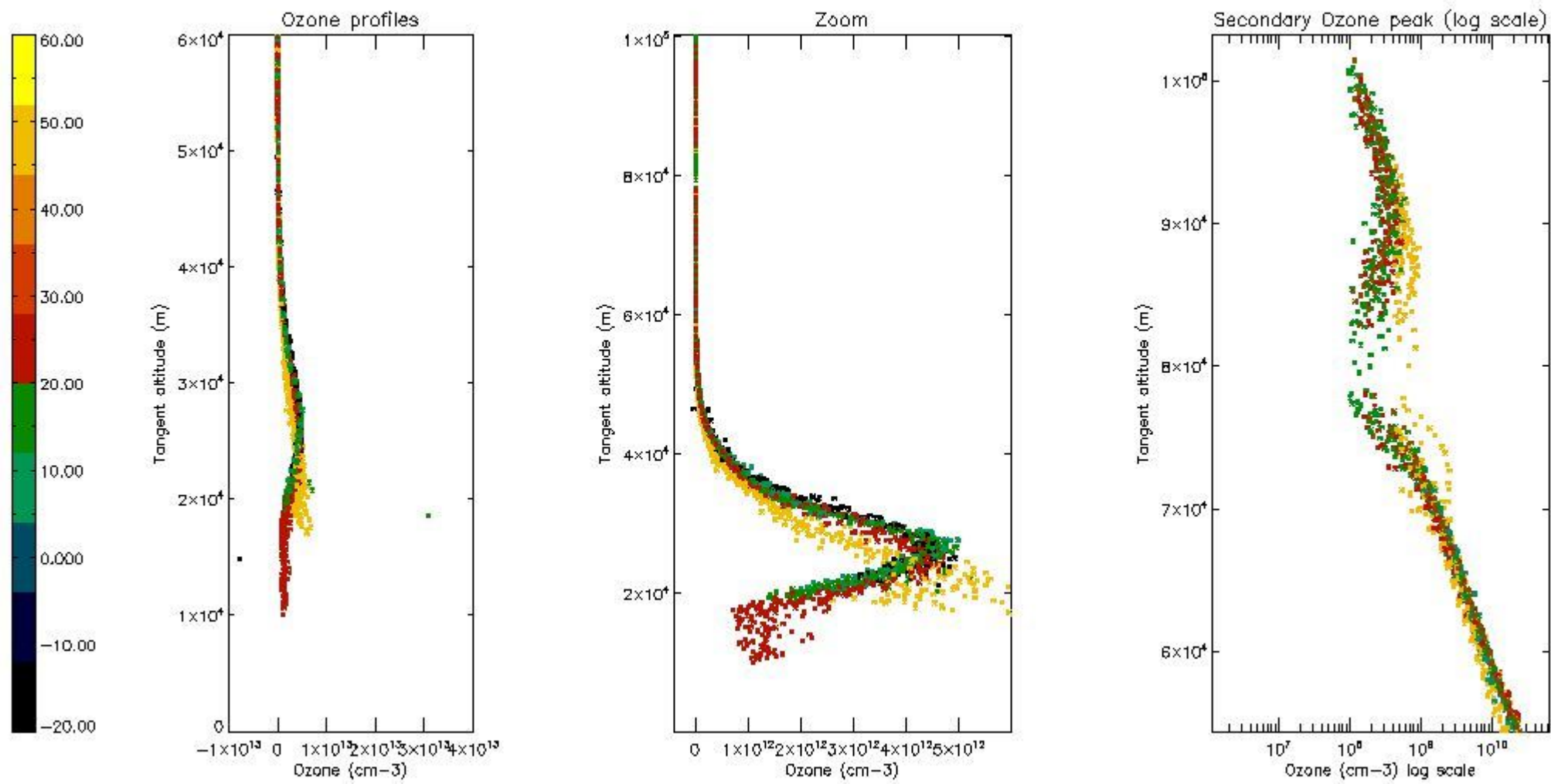
The colorbar represents the latitude.



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

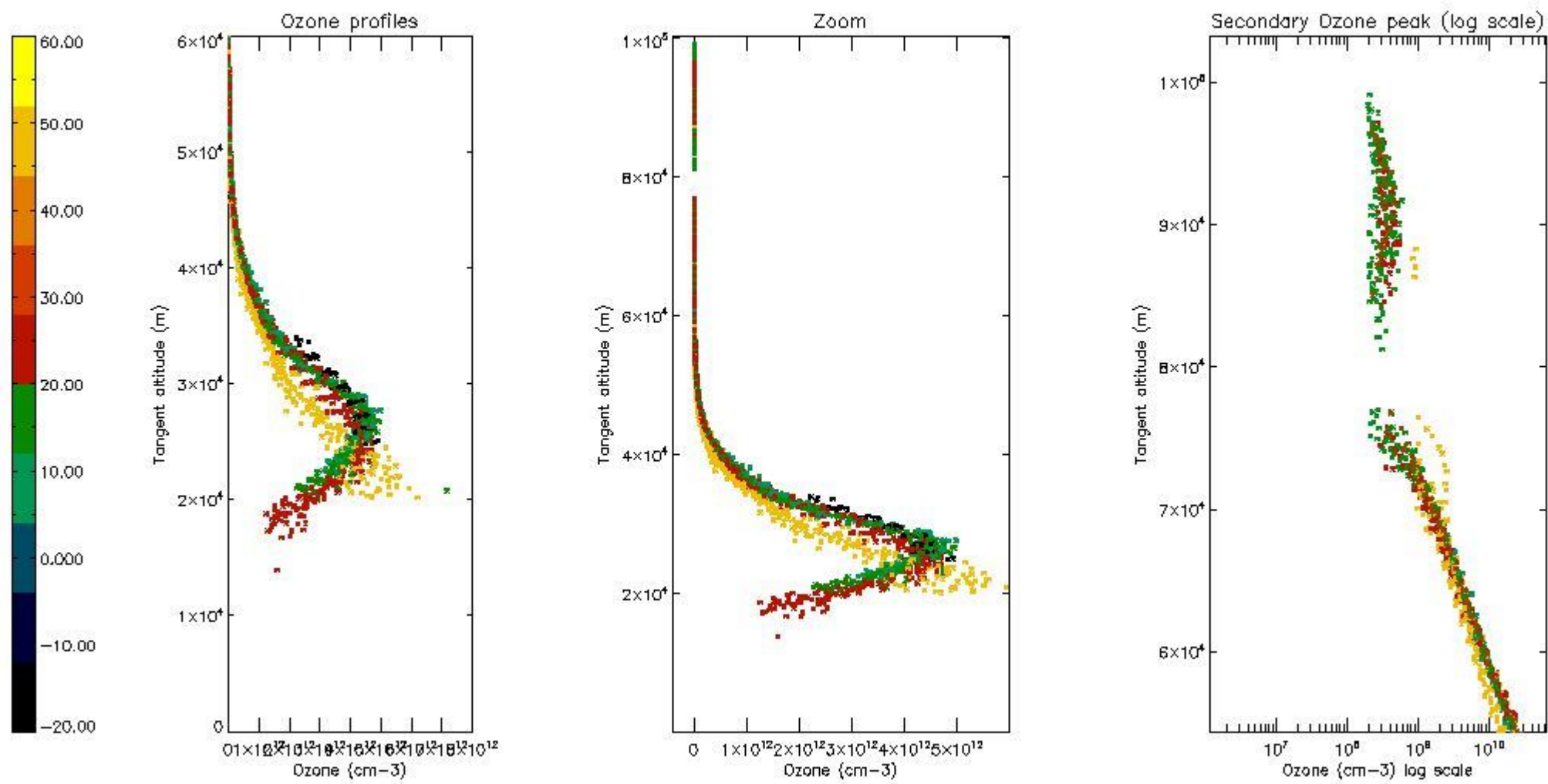
The colorbar represents the latitude.





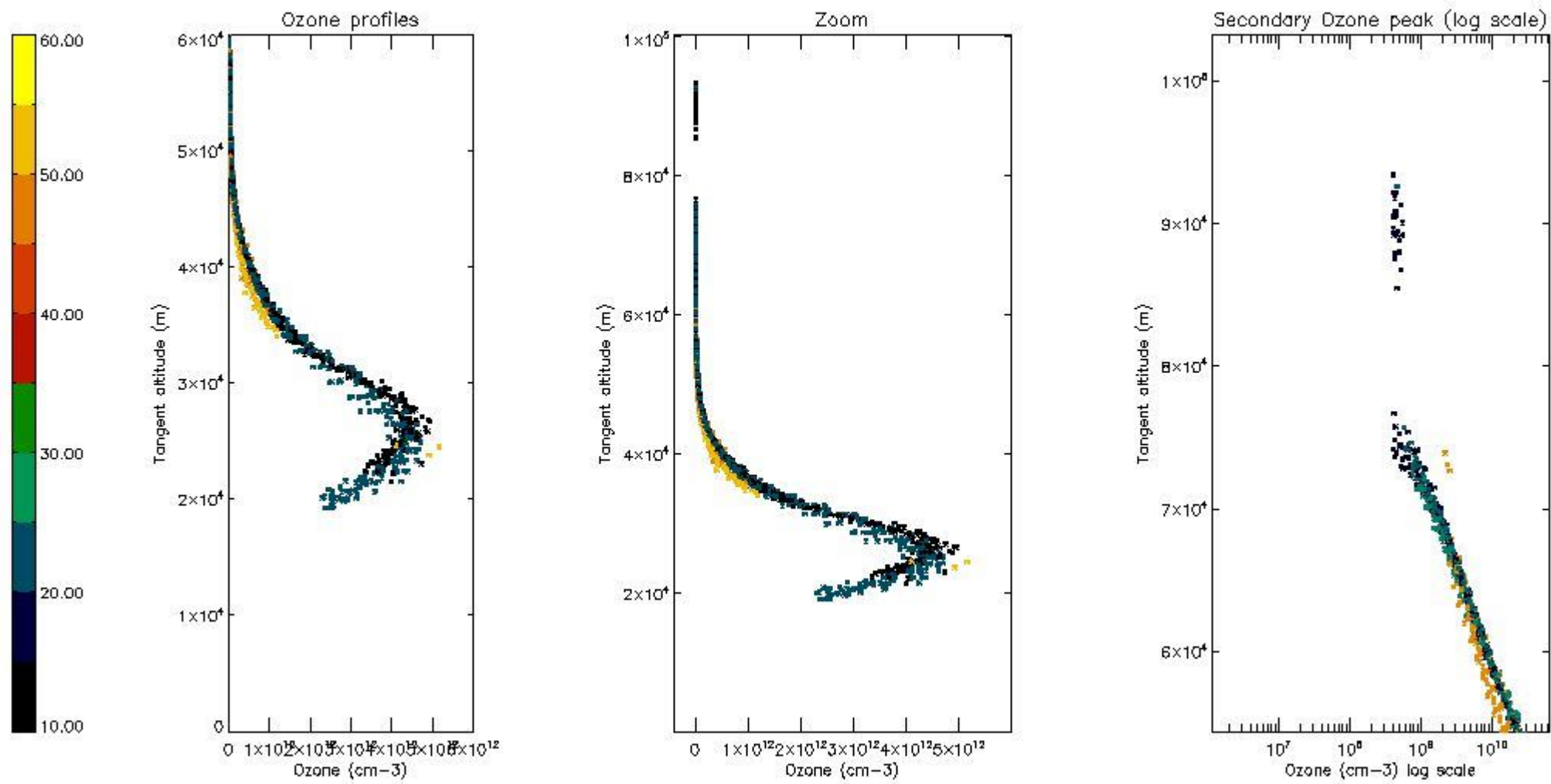
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

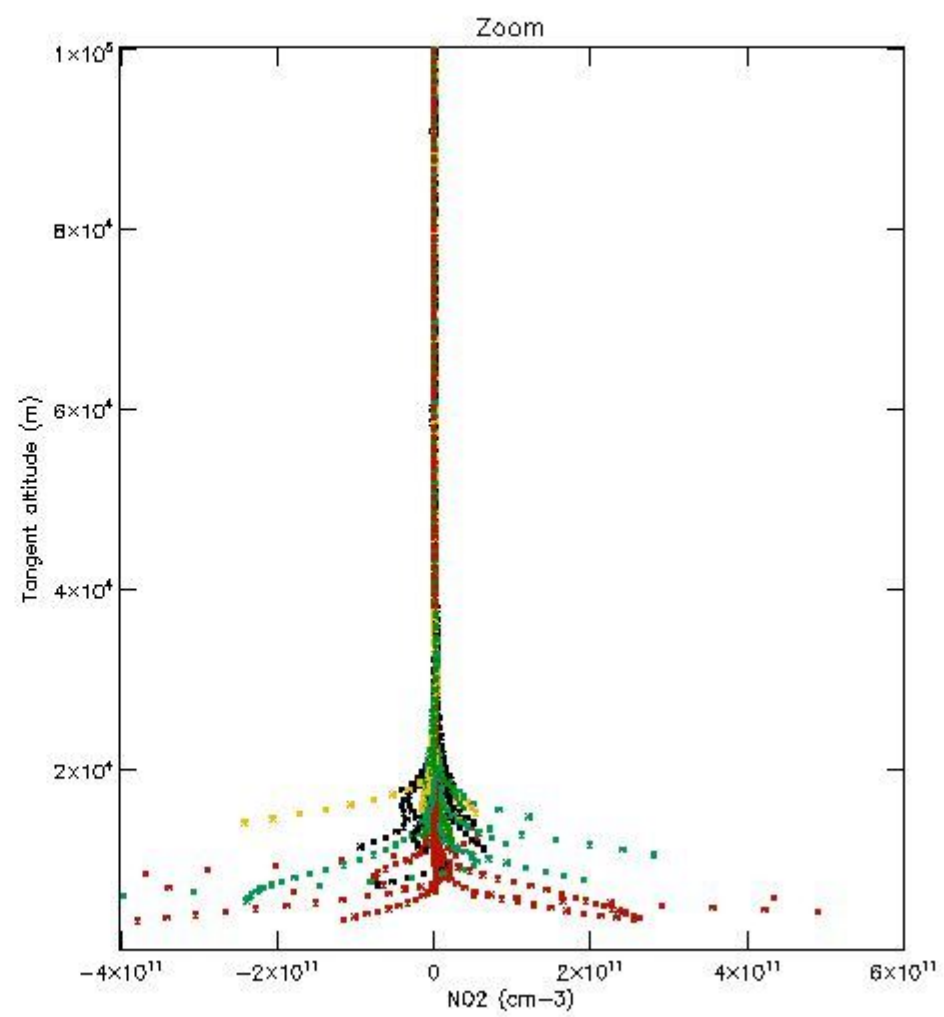
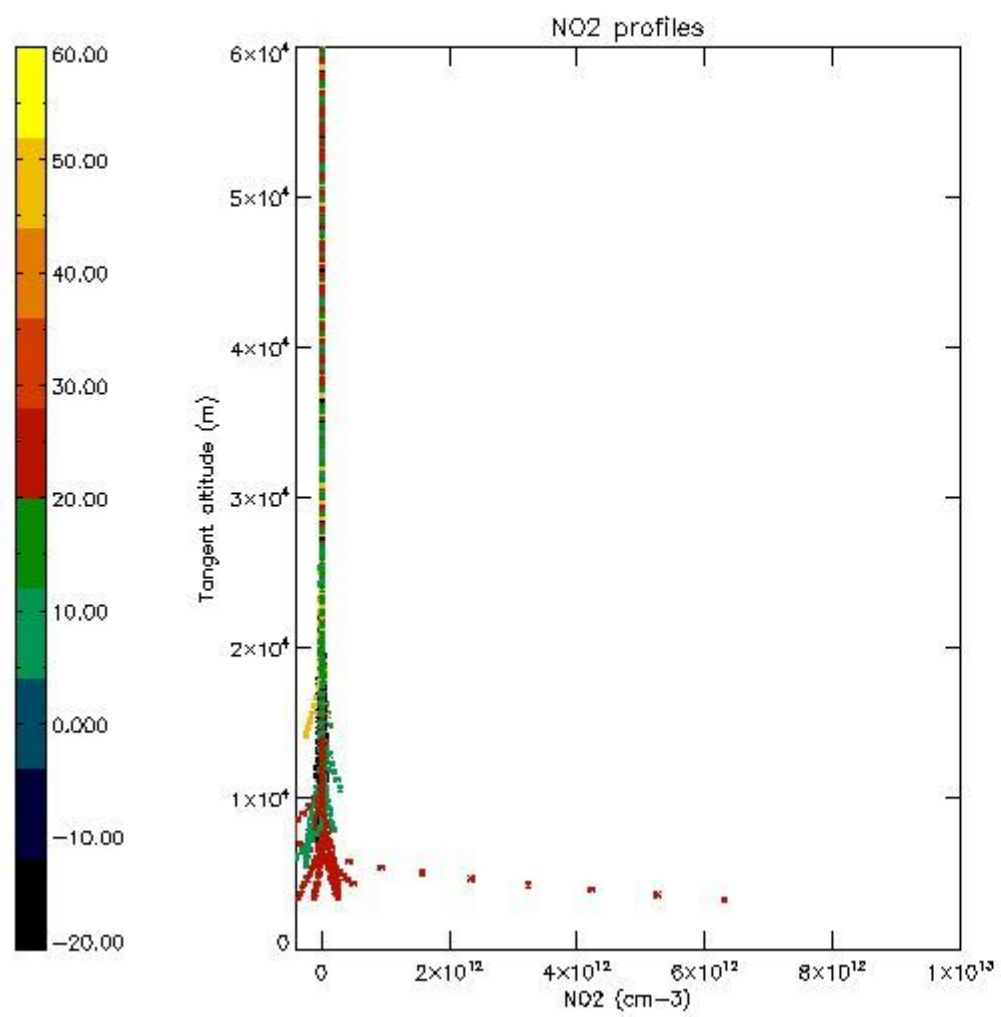
The colorbar represents the latitude.



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

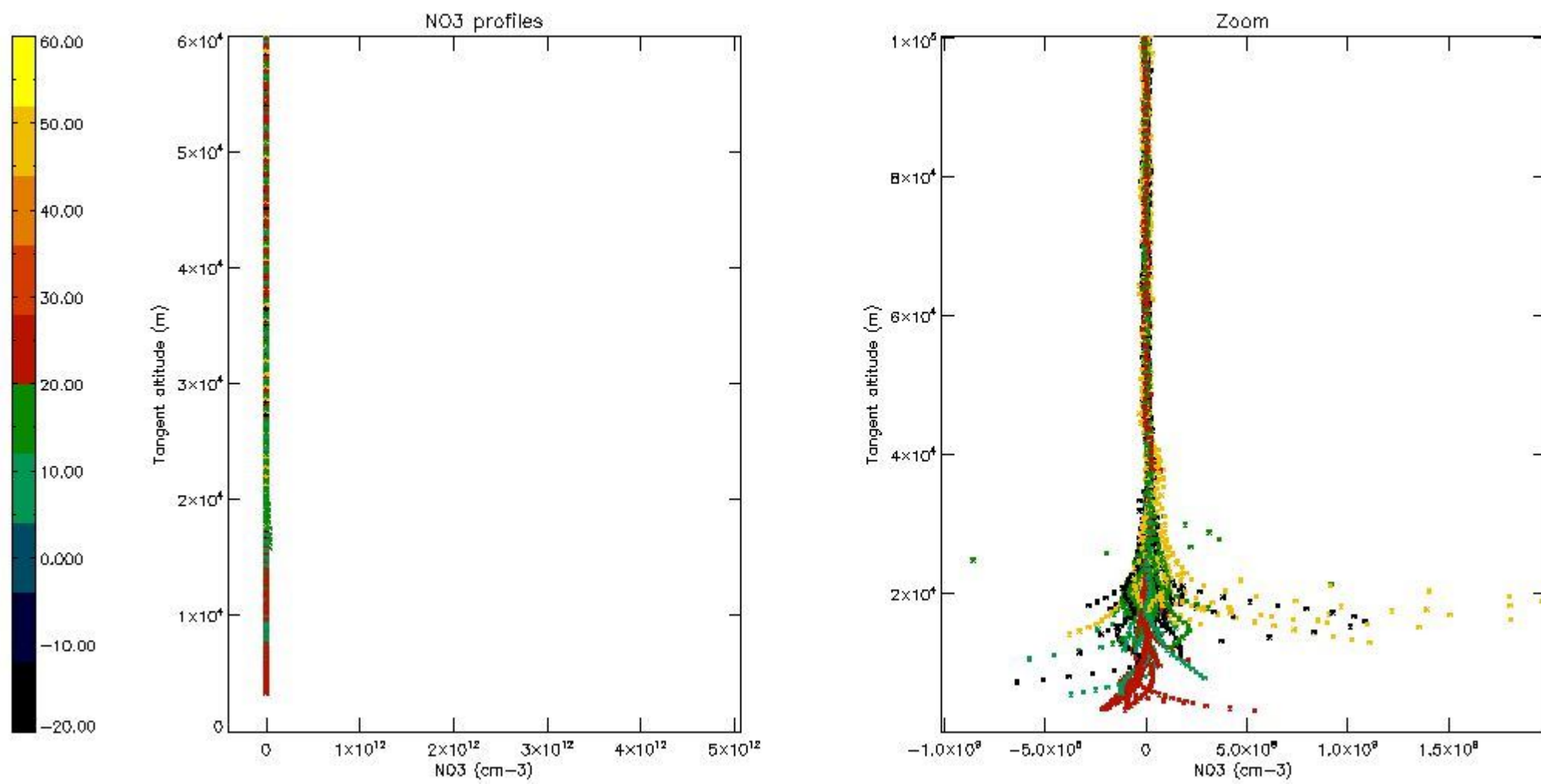
The colorbar represents the latitude.





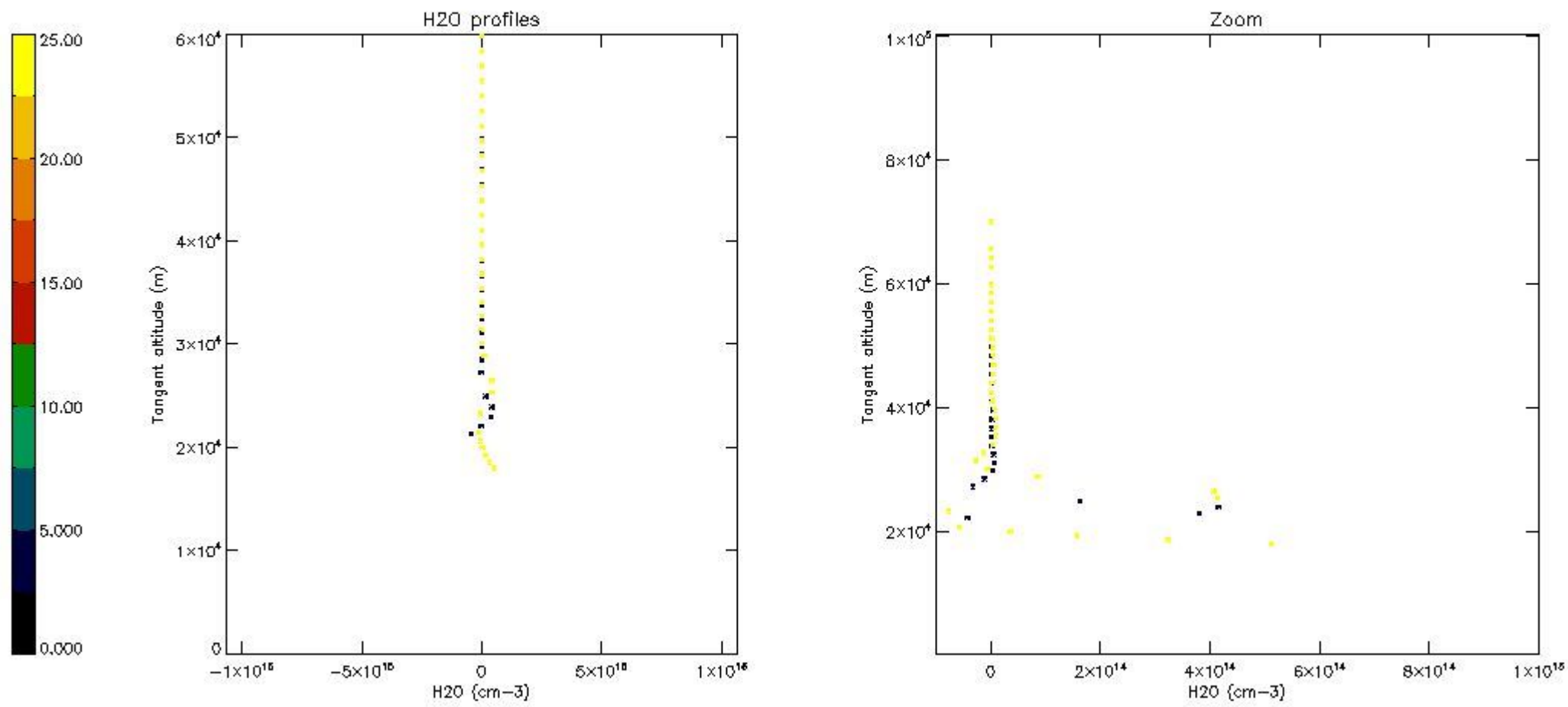
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

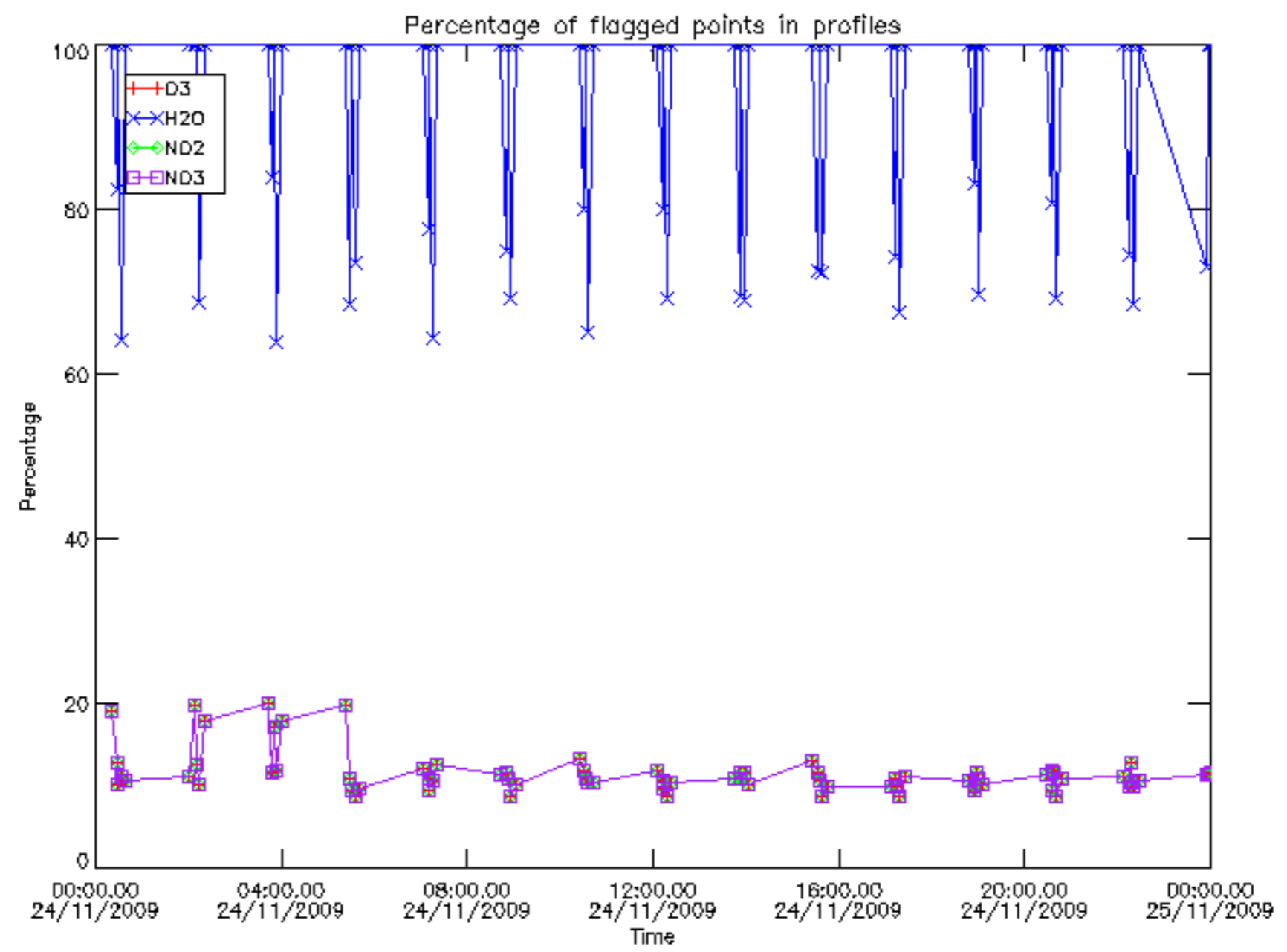


## 6. Auxiliary Data Files used for the production reported in section 2

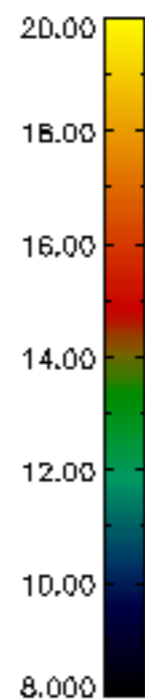
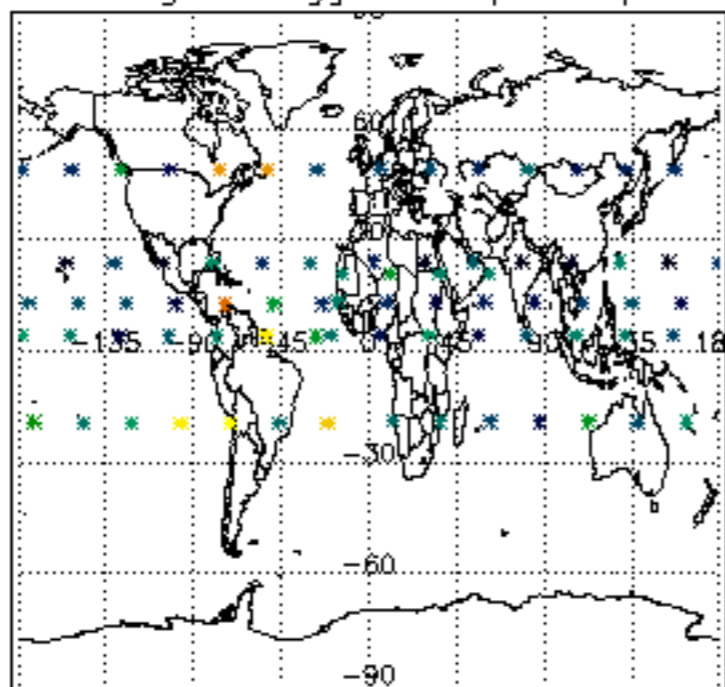
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-NOV-2009 00:00:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-NOV-2009 00:00:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-NOV-2009 00:00:40

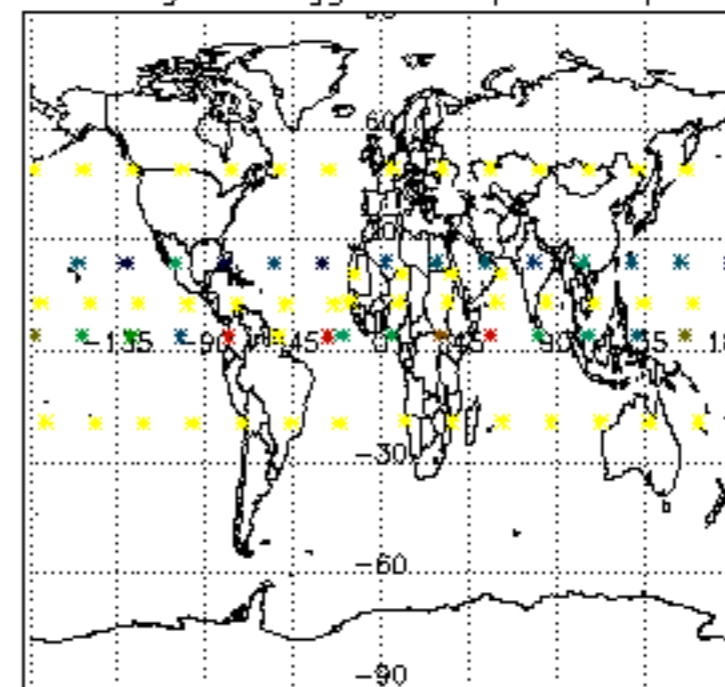




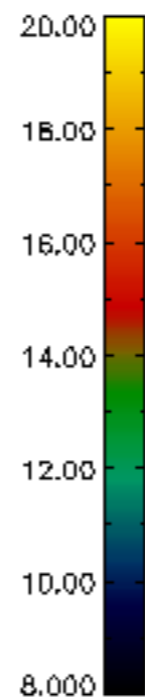
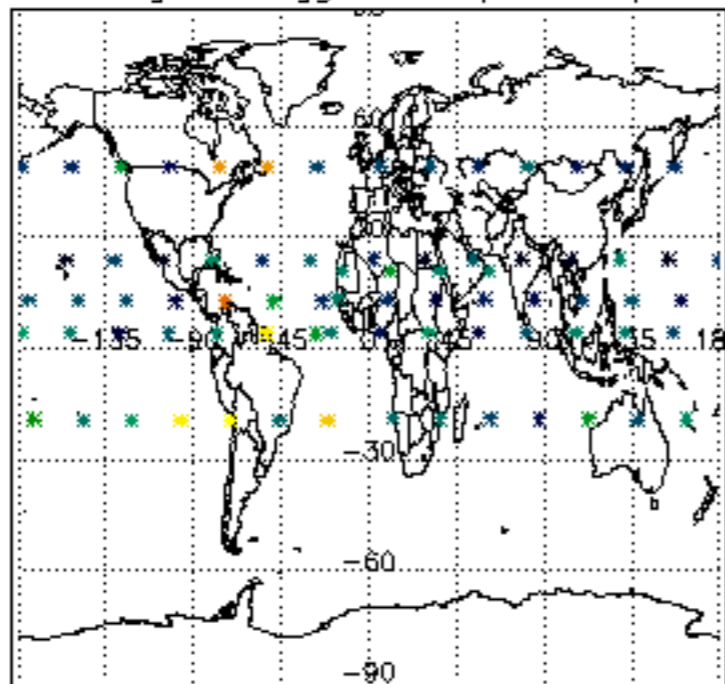
Percentage of flagged data per D3 profile



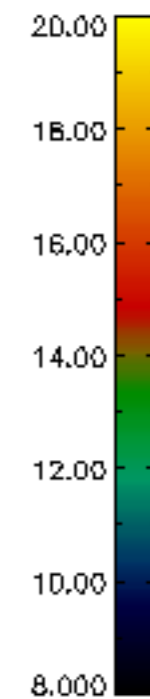
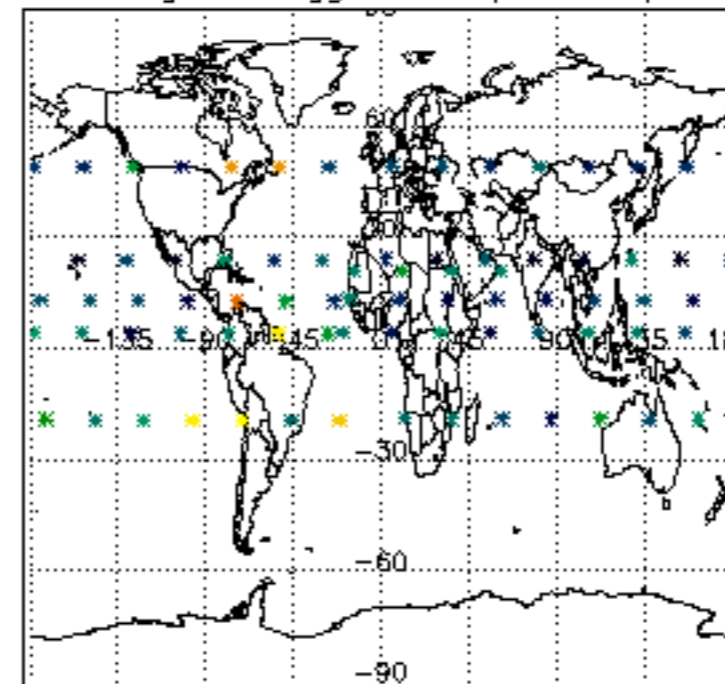
Percentage of flagged data per H2O profile

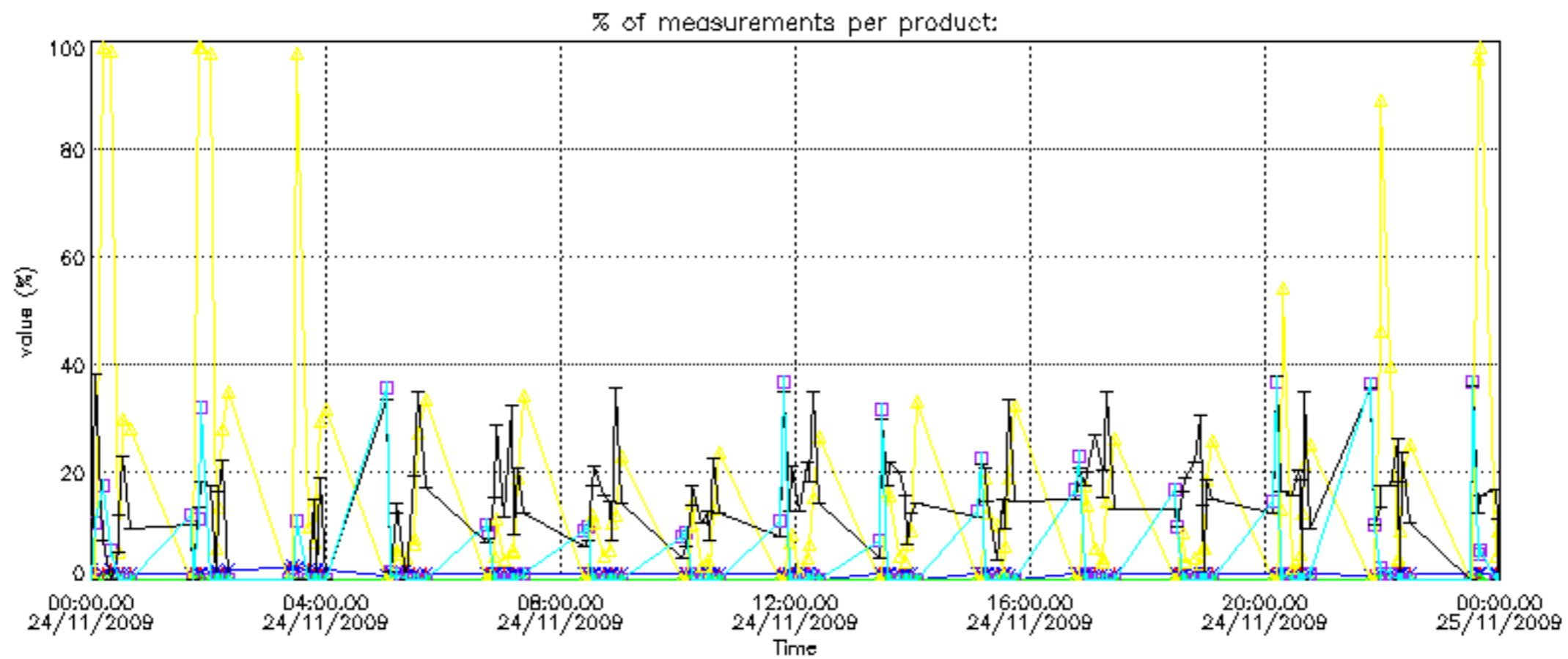


Percentage of flagged data per NO2 profile

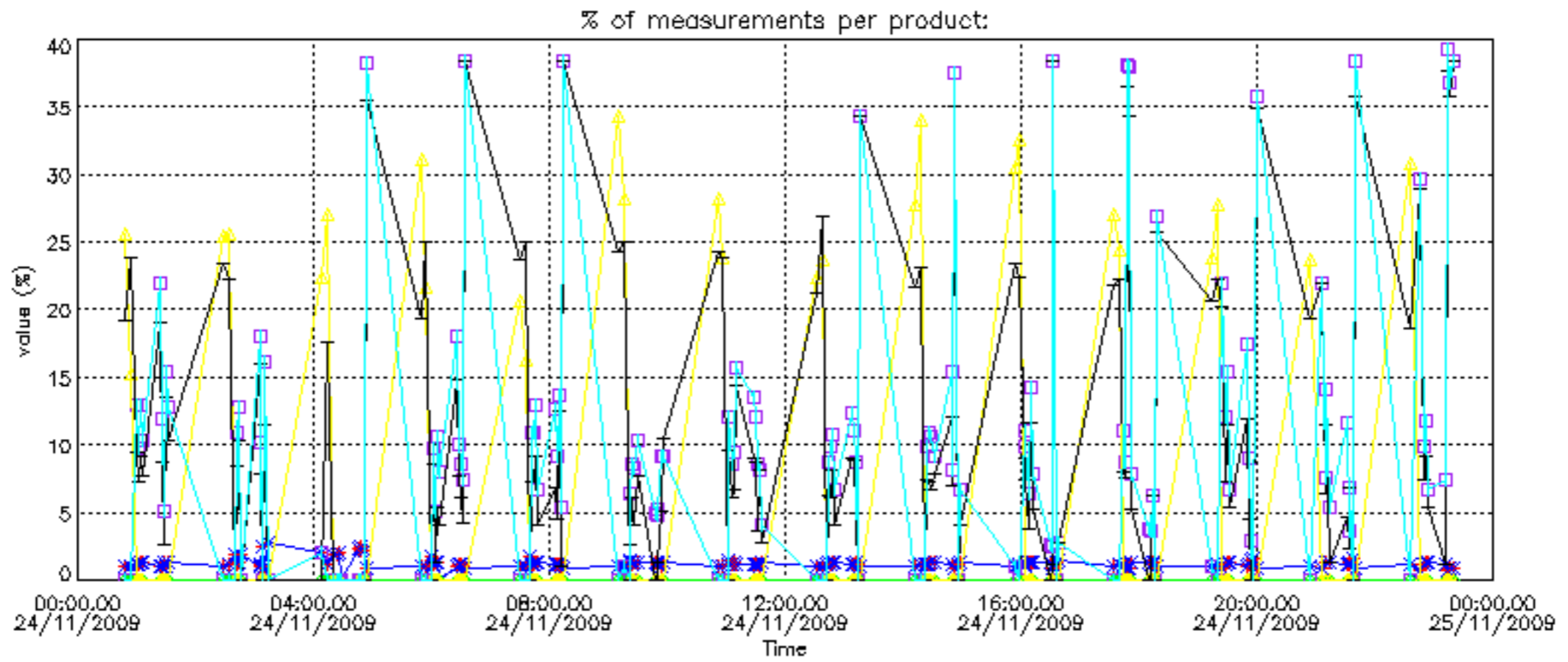


Percentage of flagged data per NO3 profile

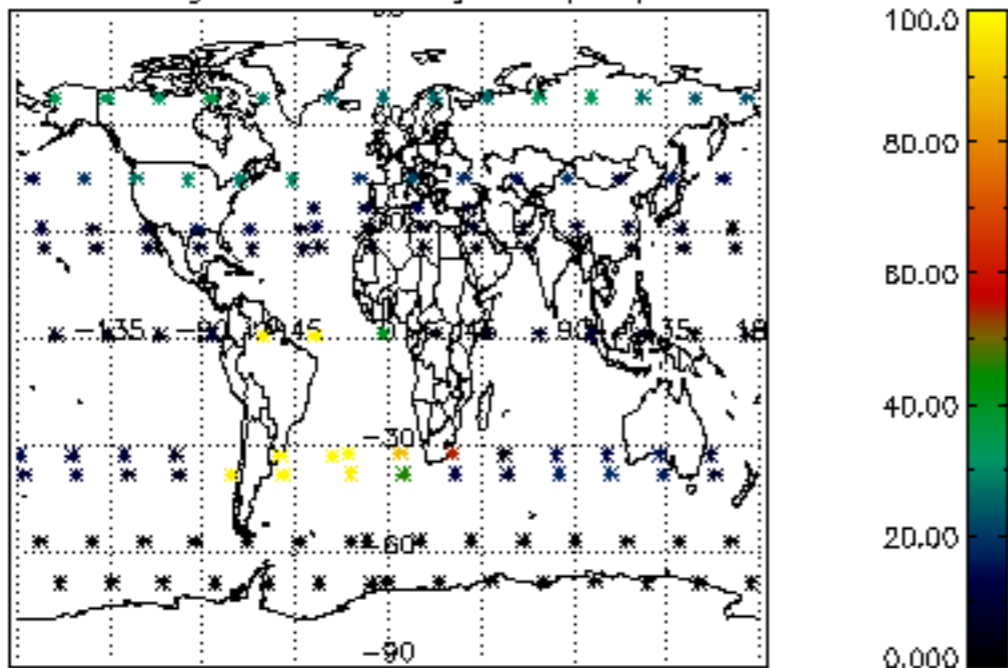




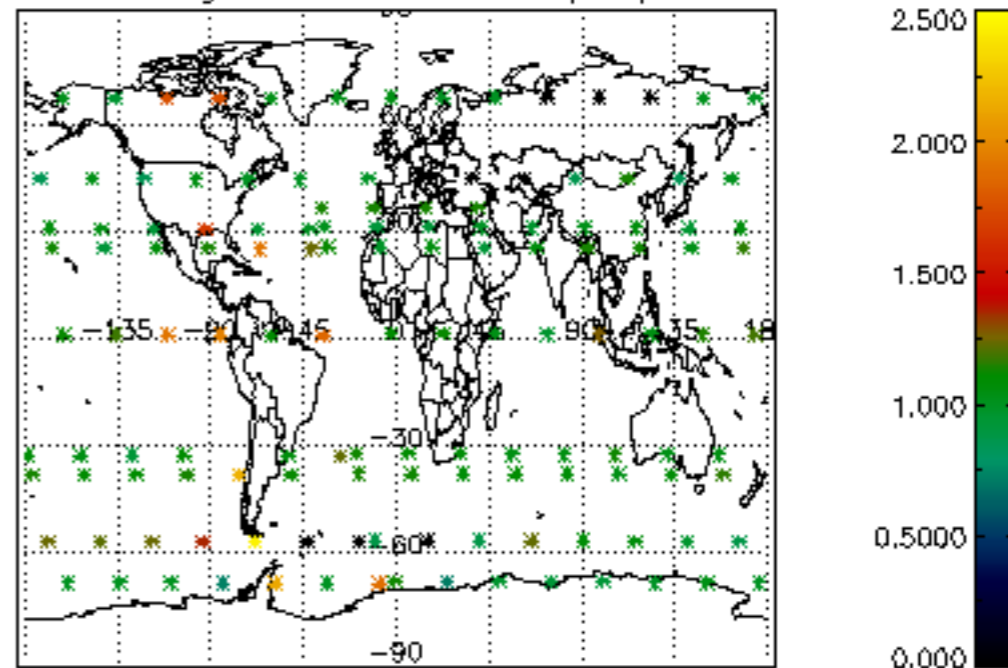




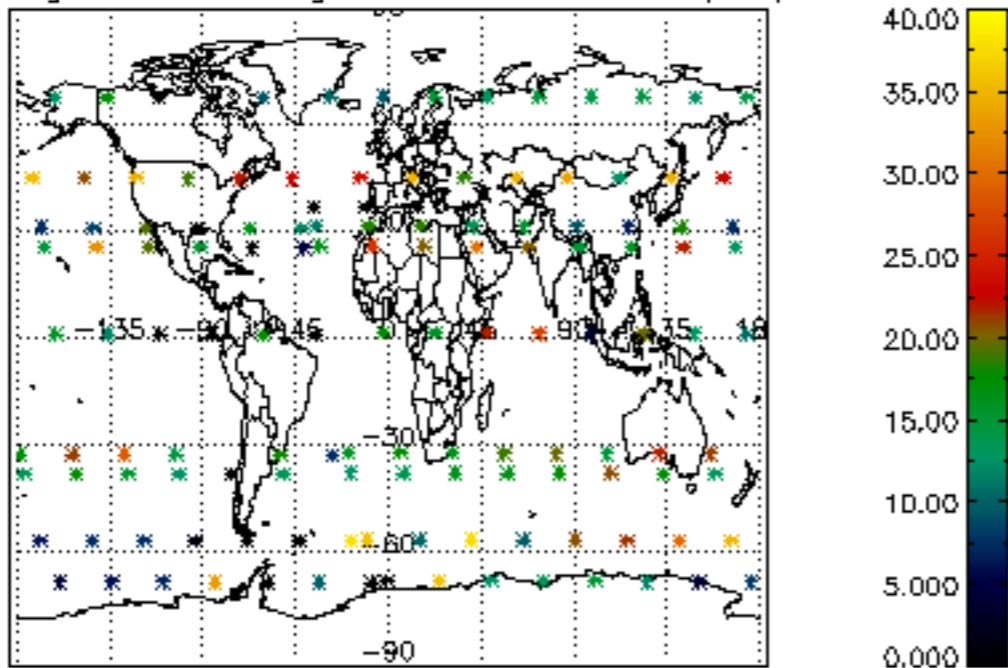
Percentage of cosmic ray hits per profile



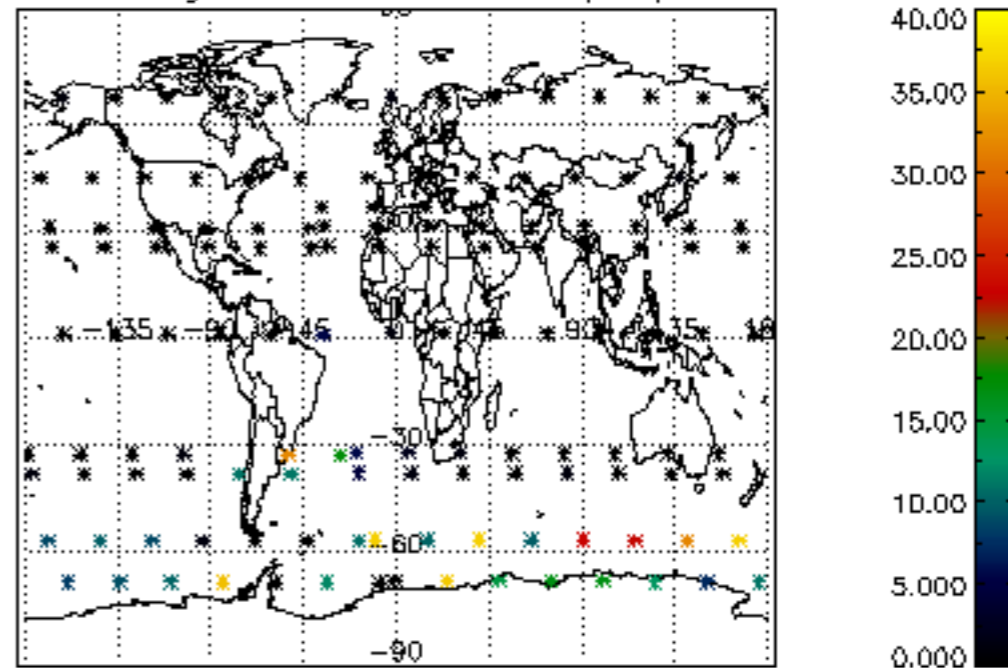
Percentage of datation errors per profile



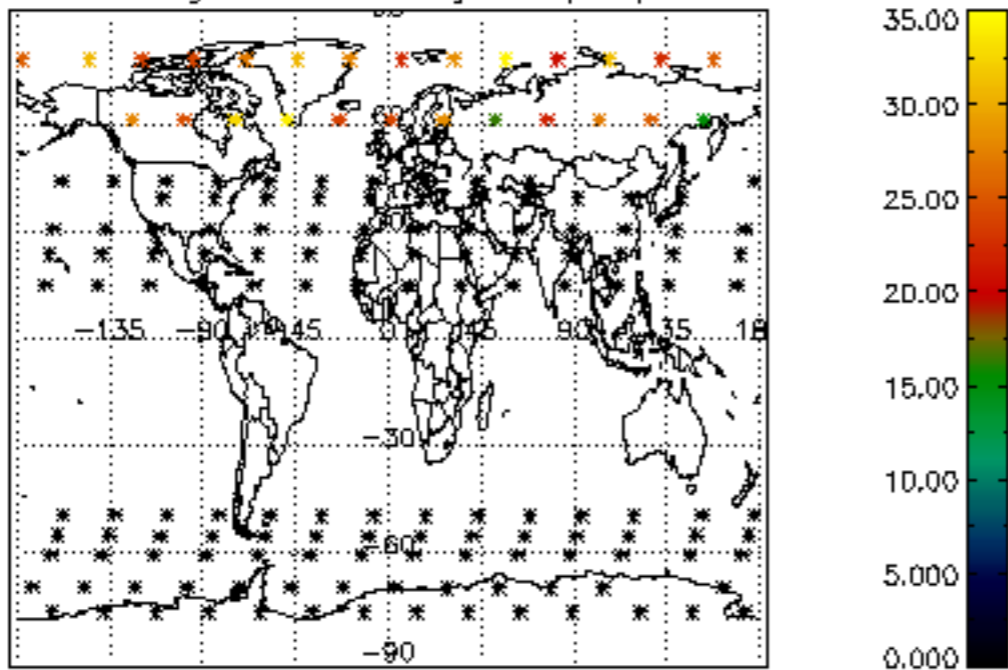
Percentage of star falling outside central band per profile



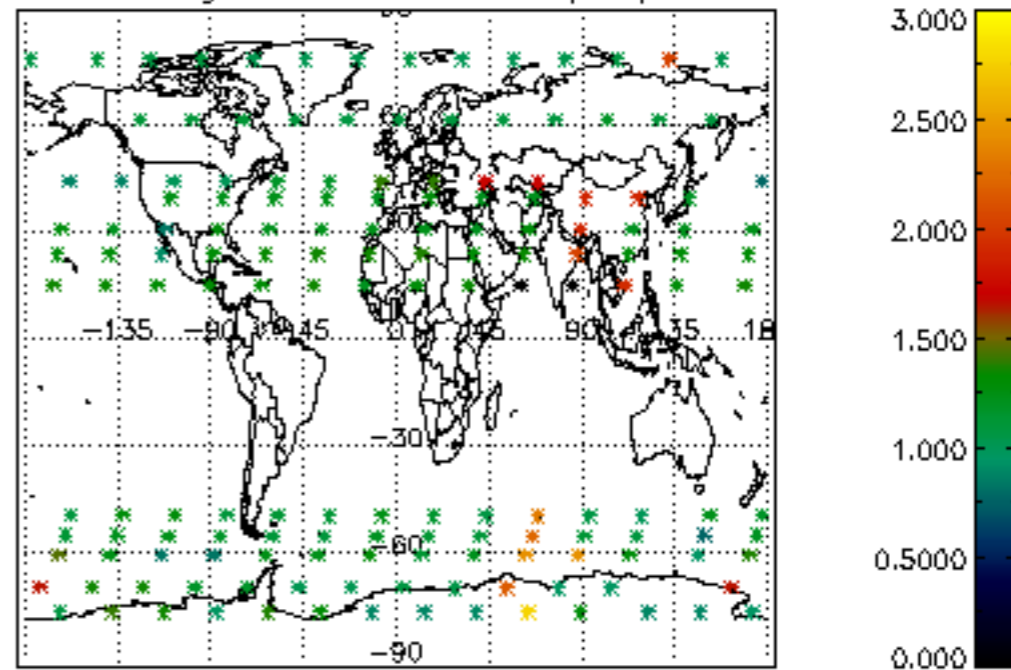
Percentage of saturation errors per profile



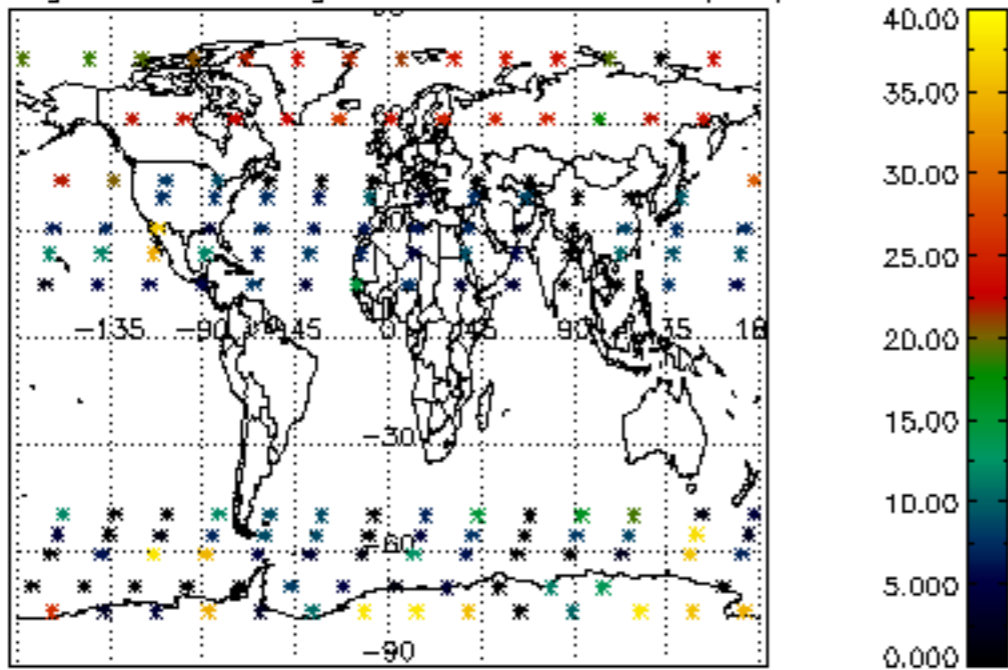
Percentage of cosmic ray hits per profile



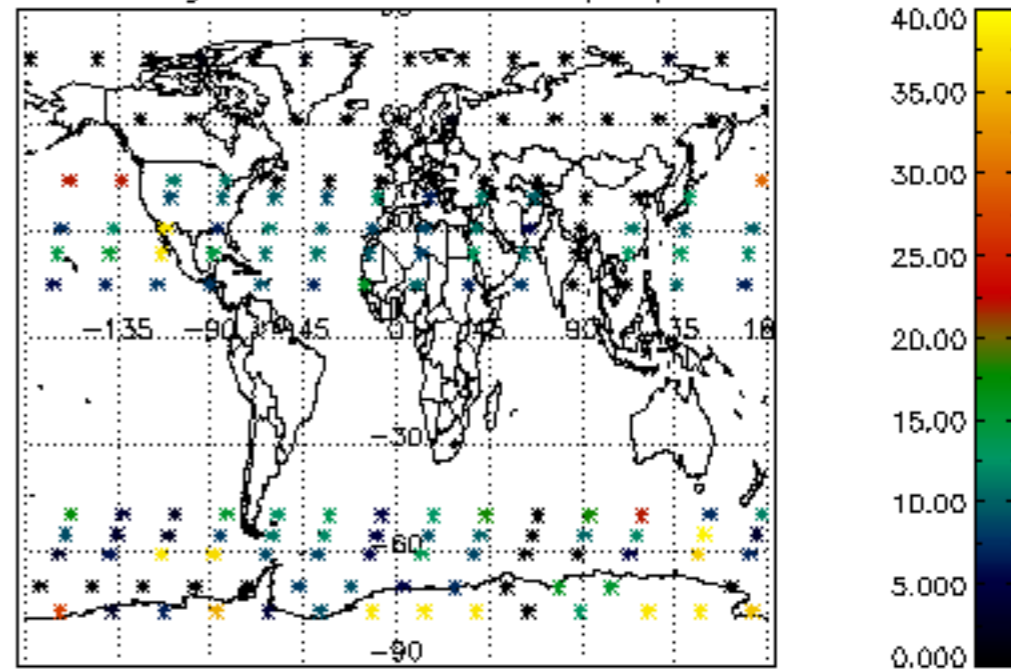
Percentage of datation errors per profile



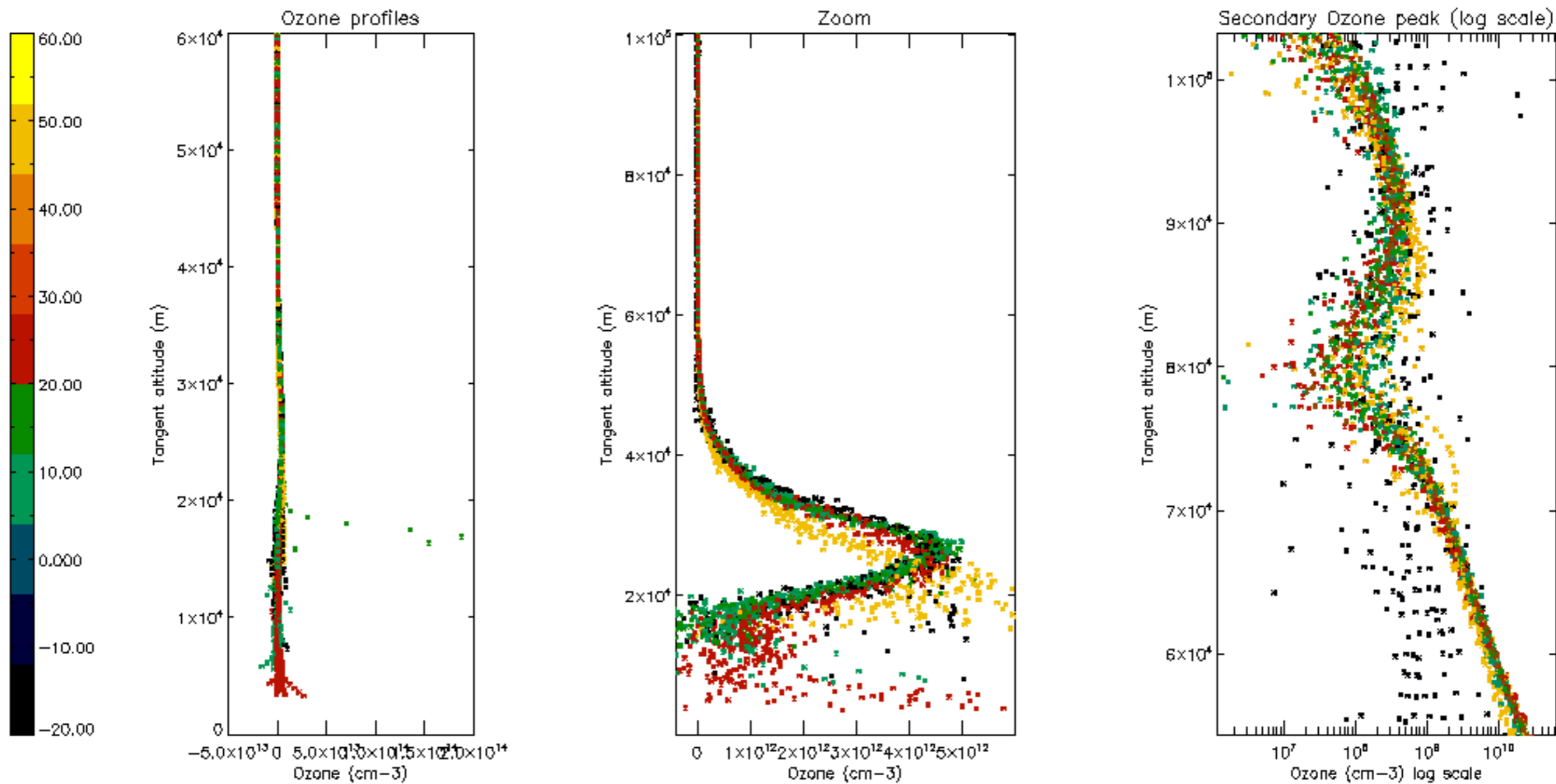
Percentage of star falling outside central band per profile

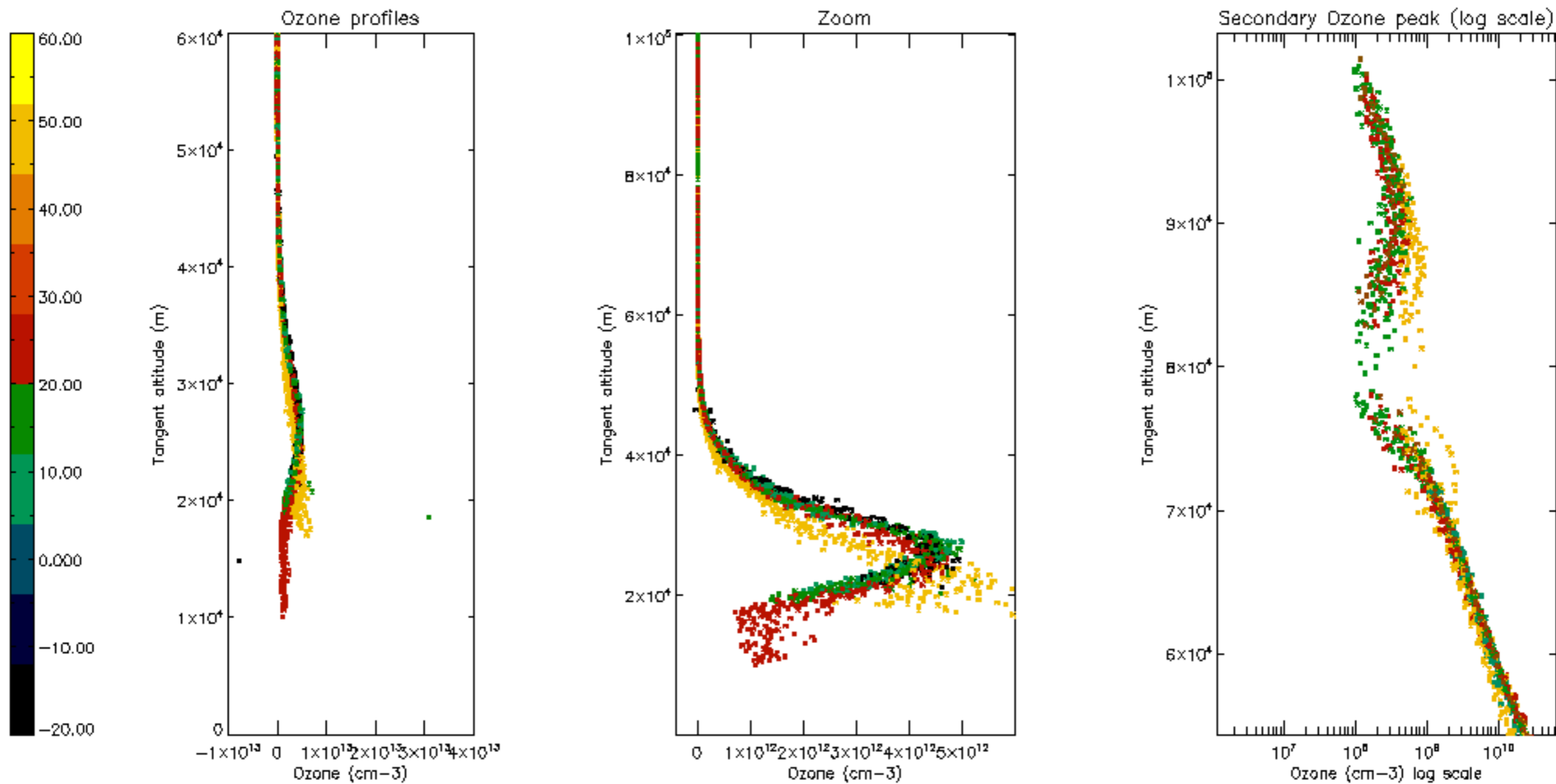


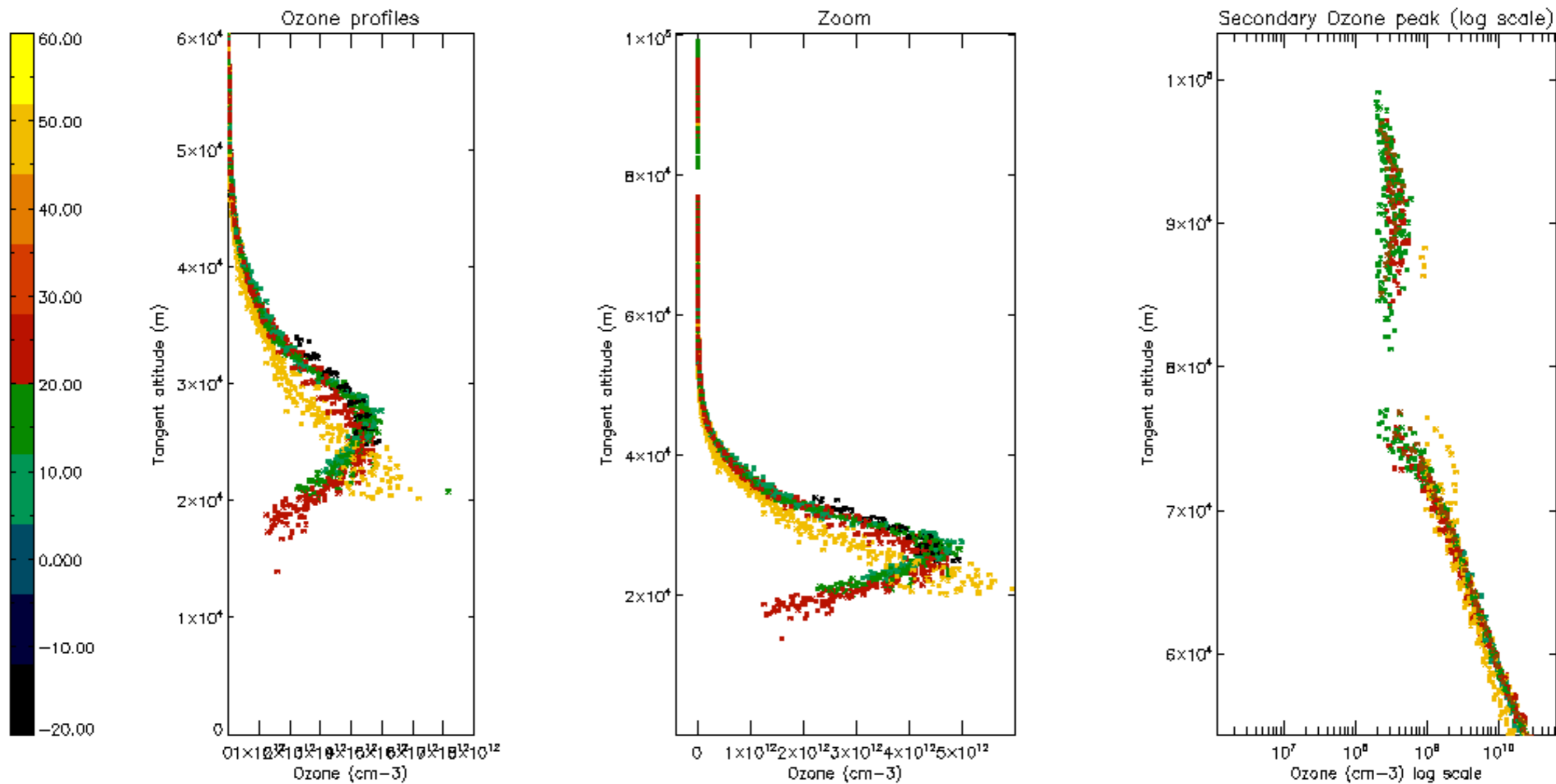
Percentage of saturation errors per profile



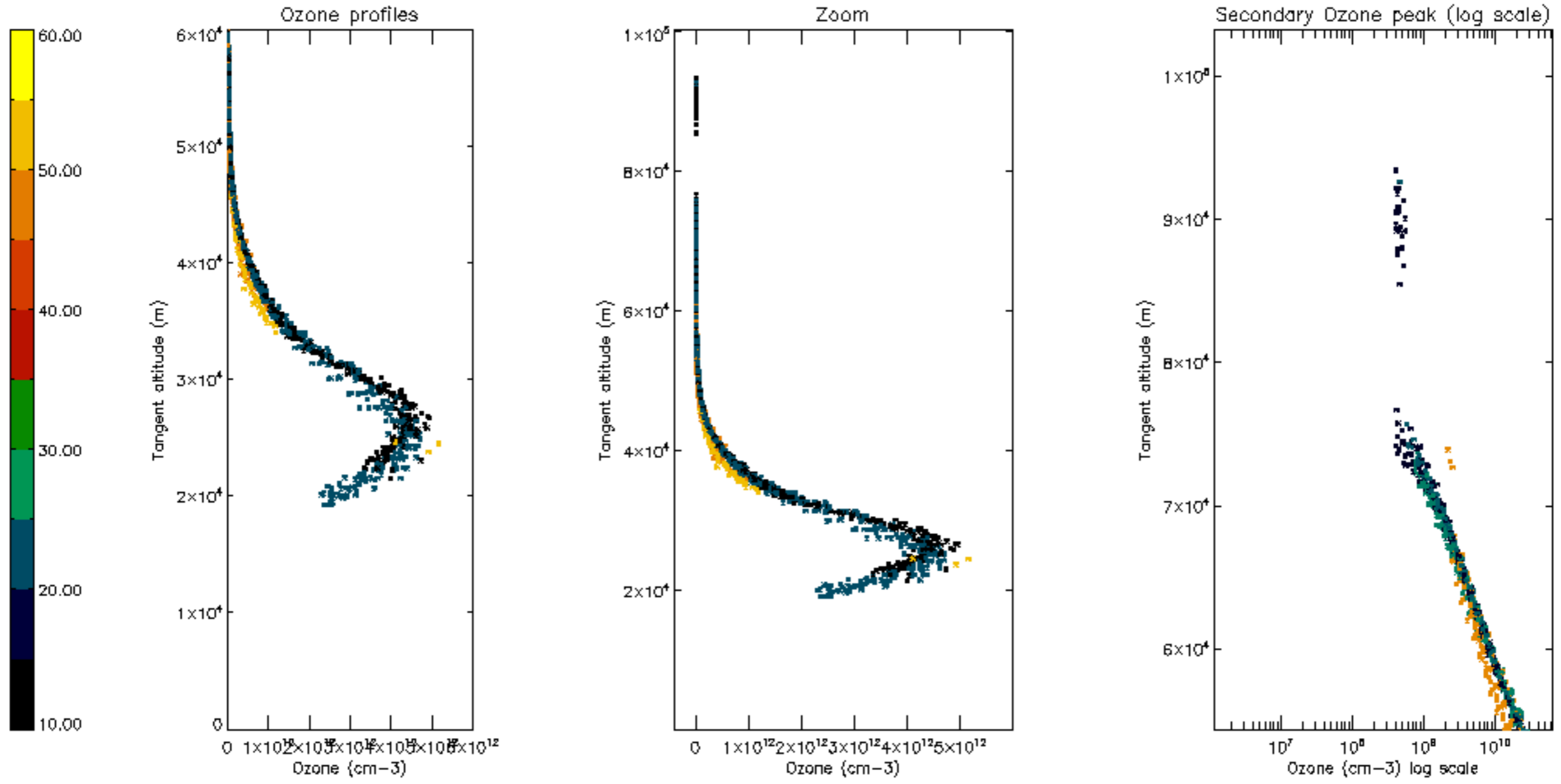


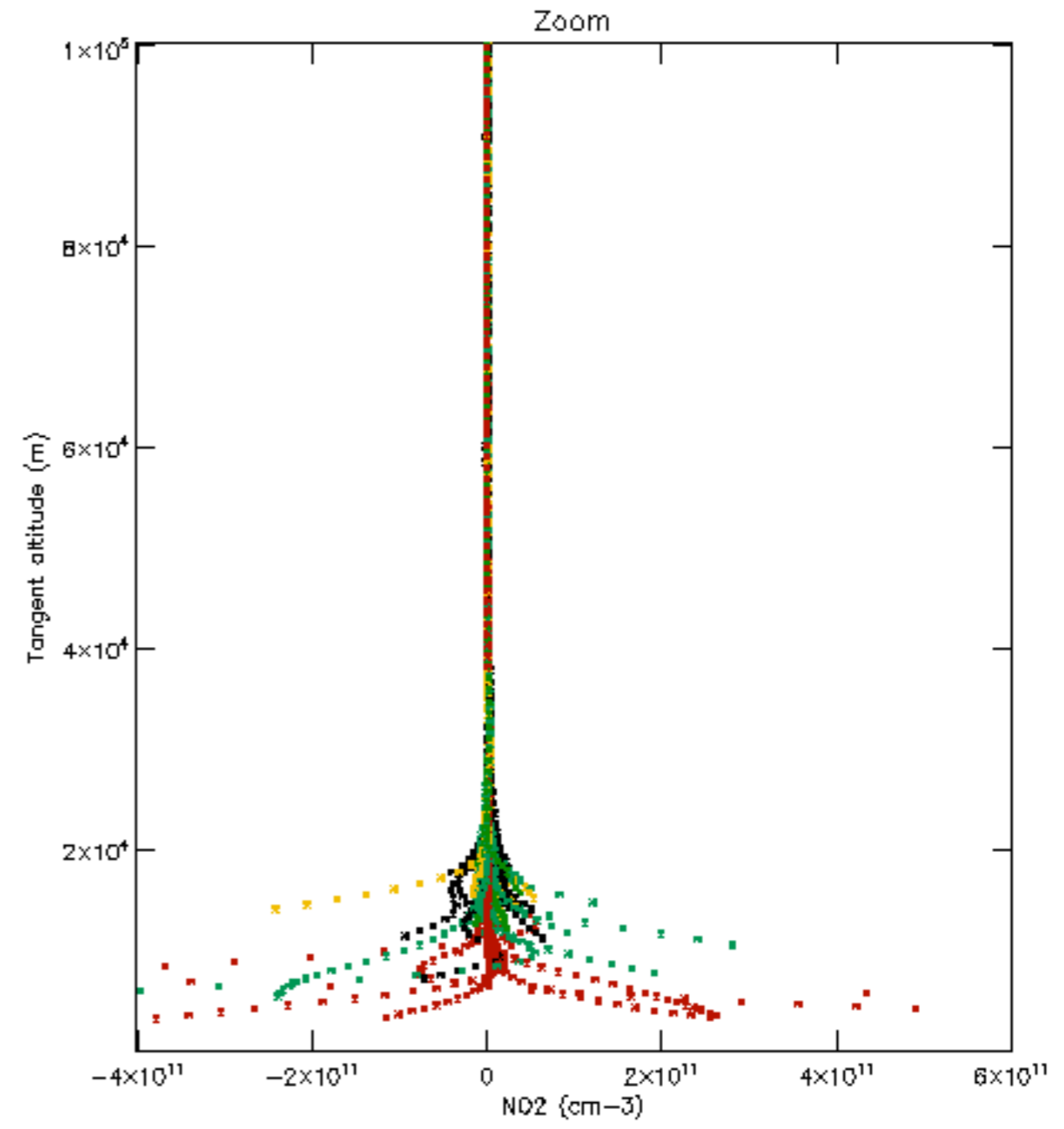
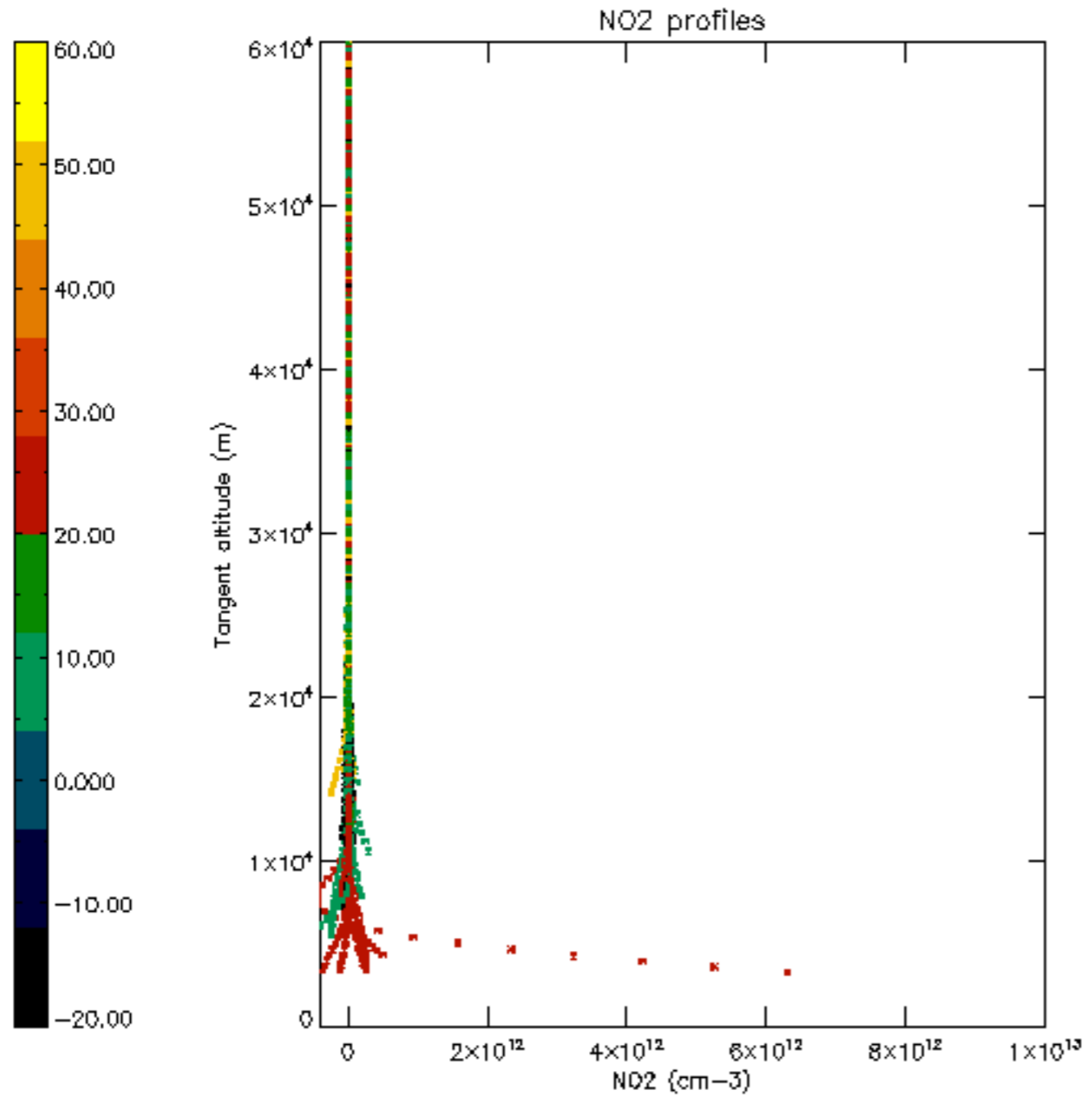


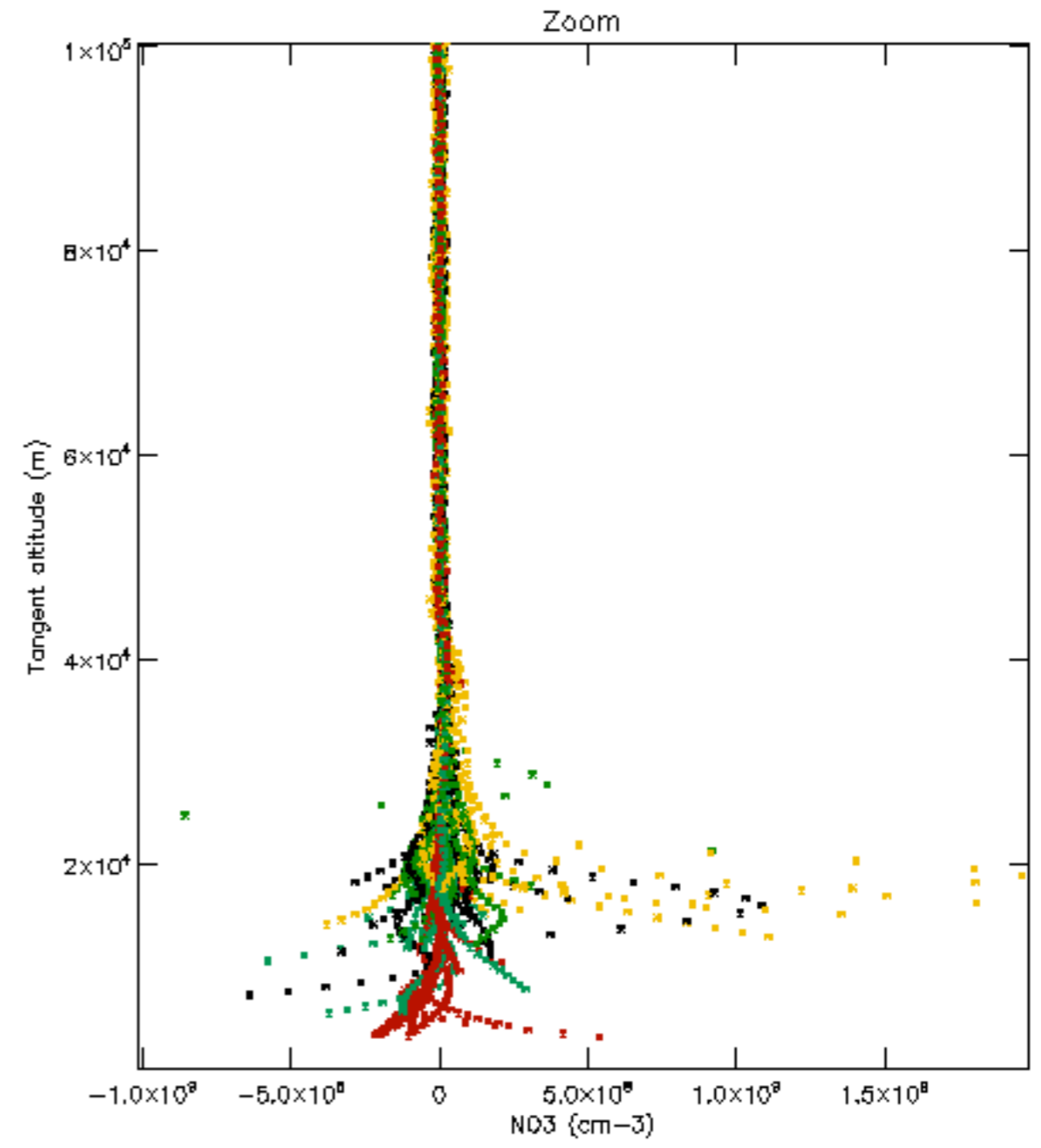
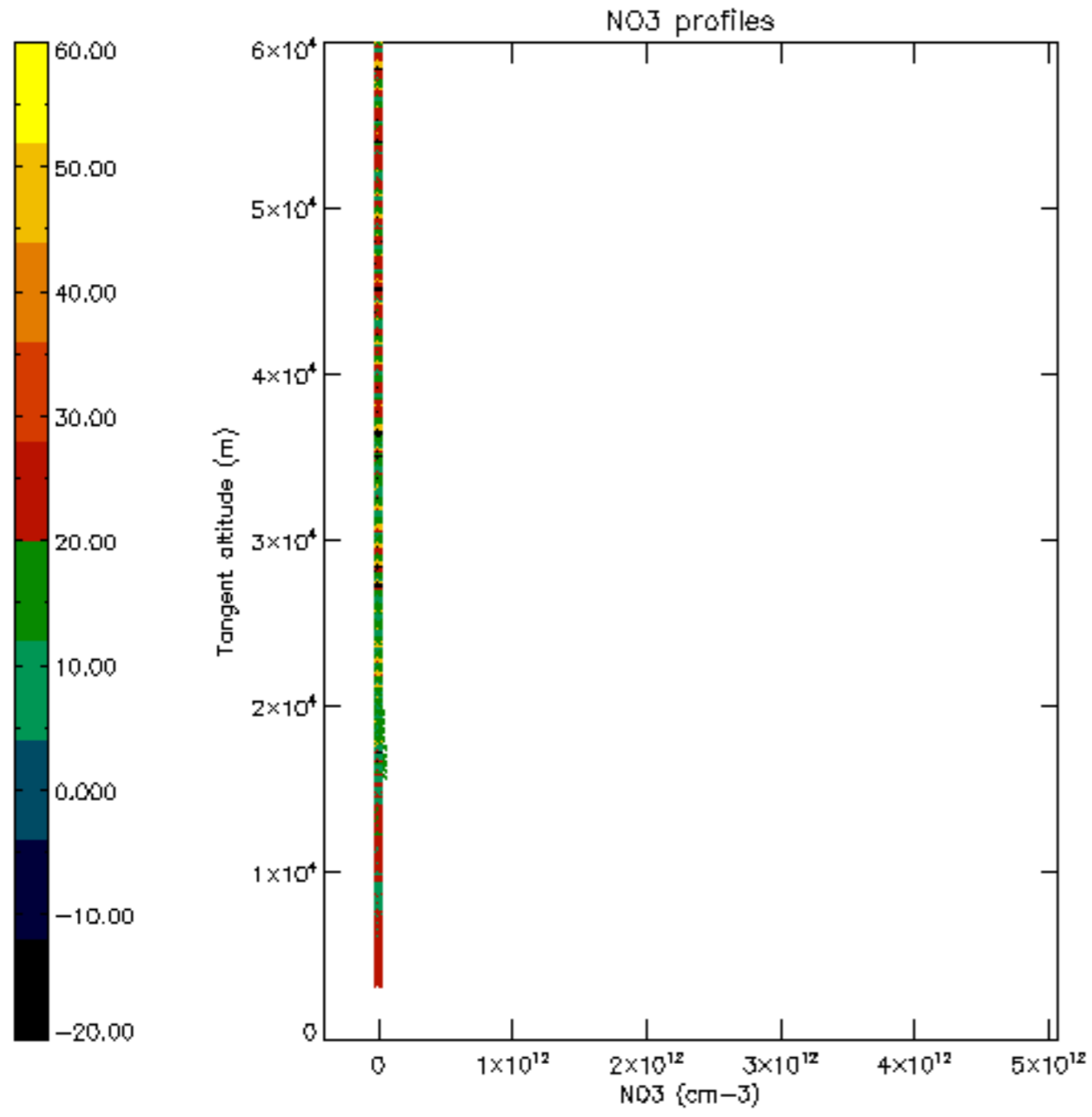


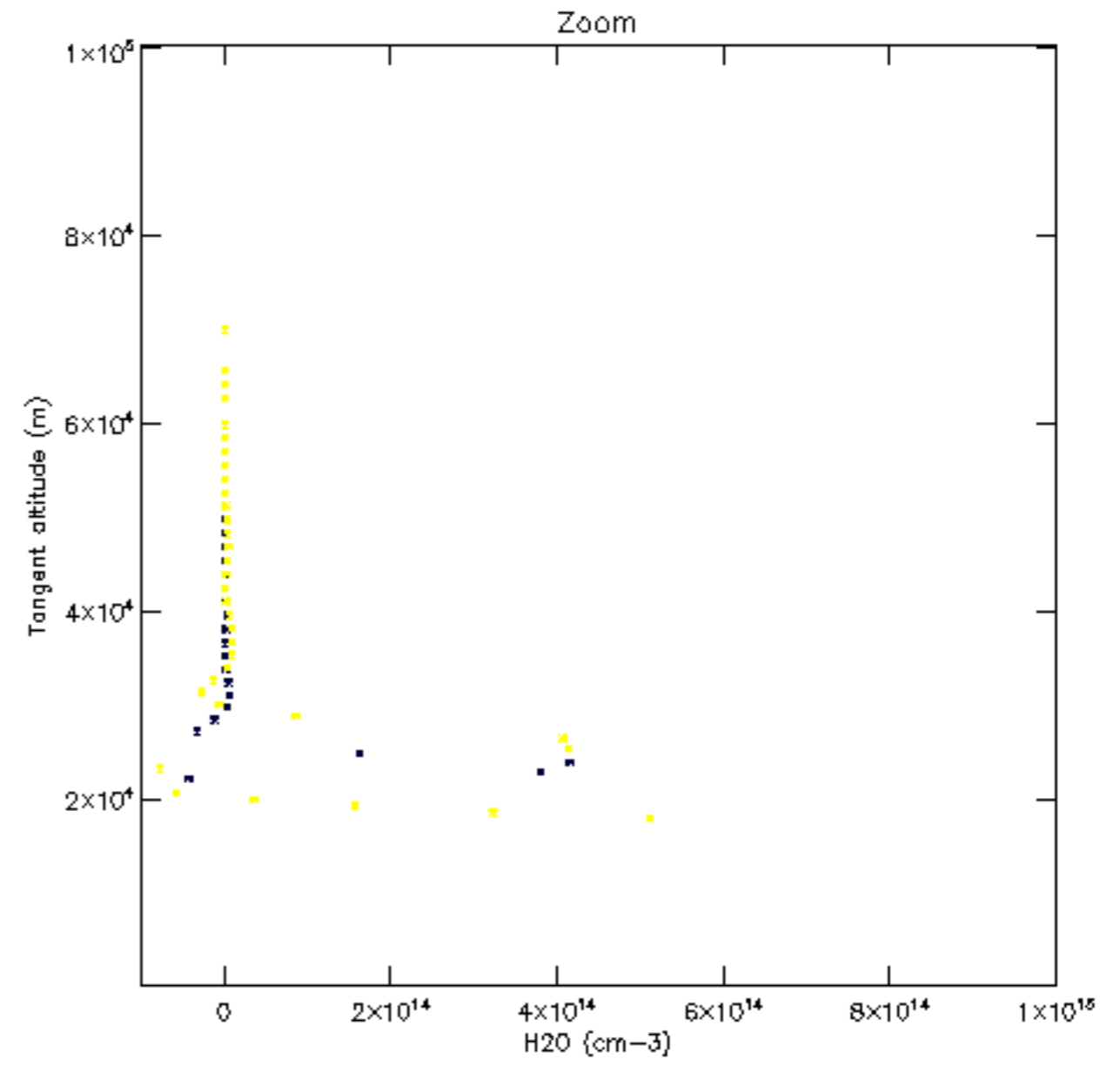
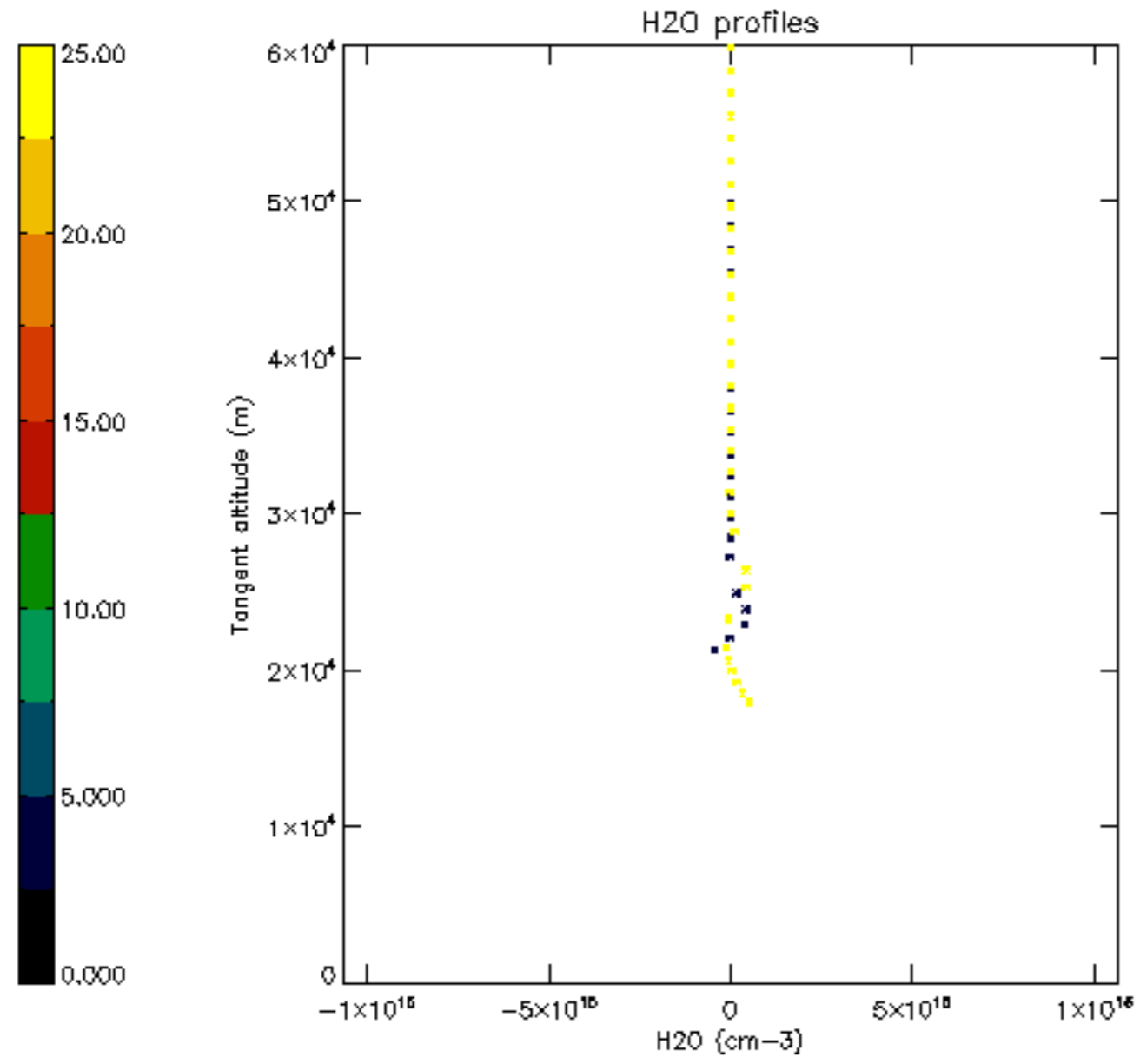




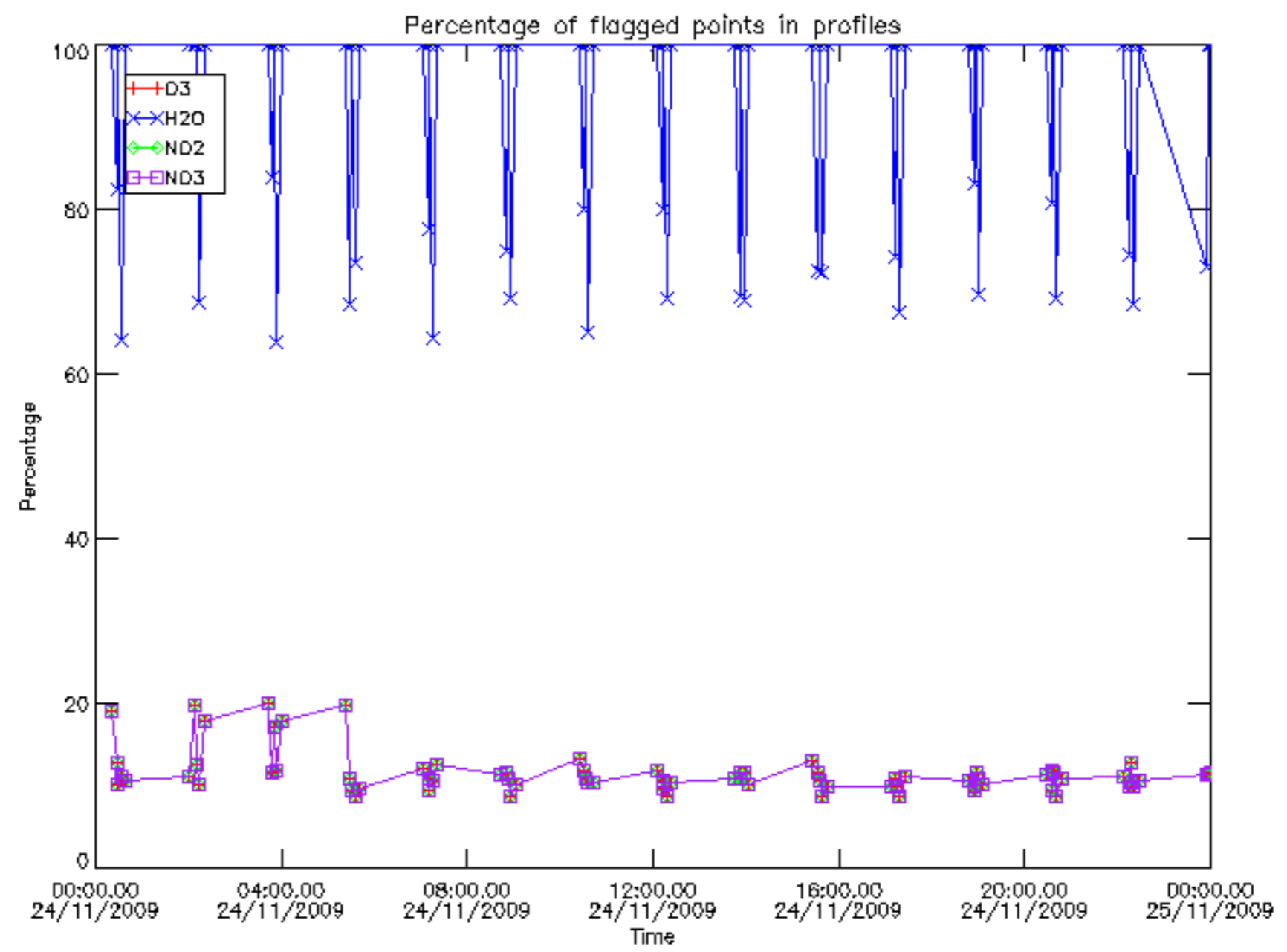




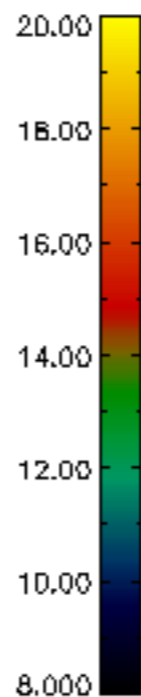
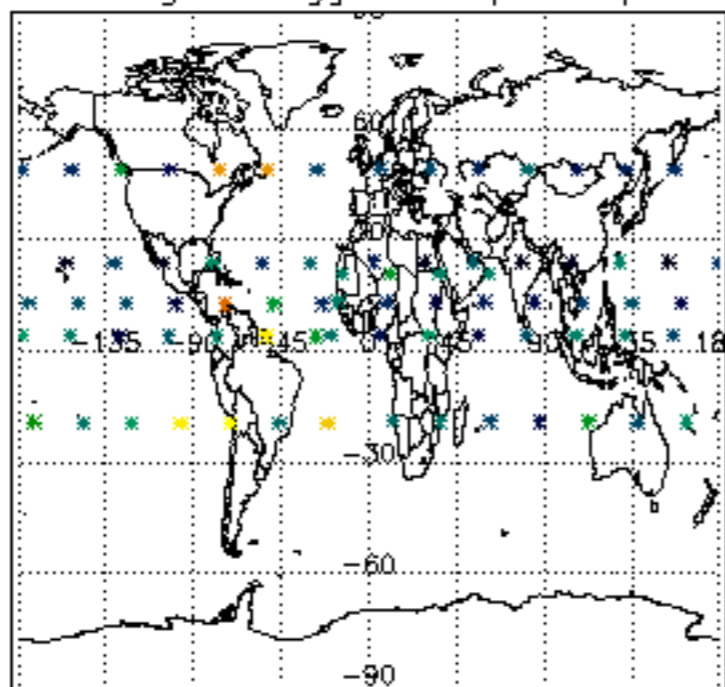




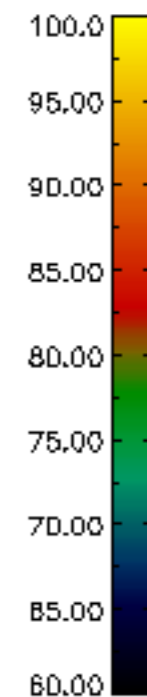
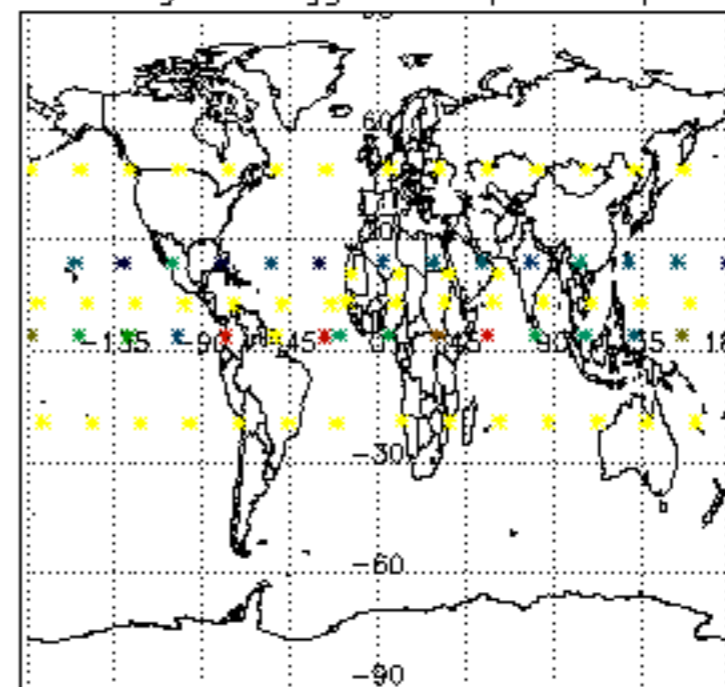




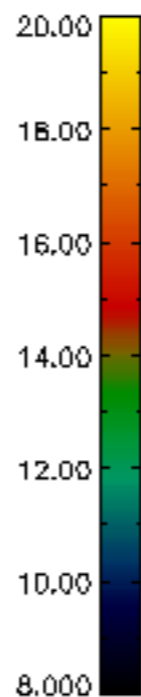
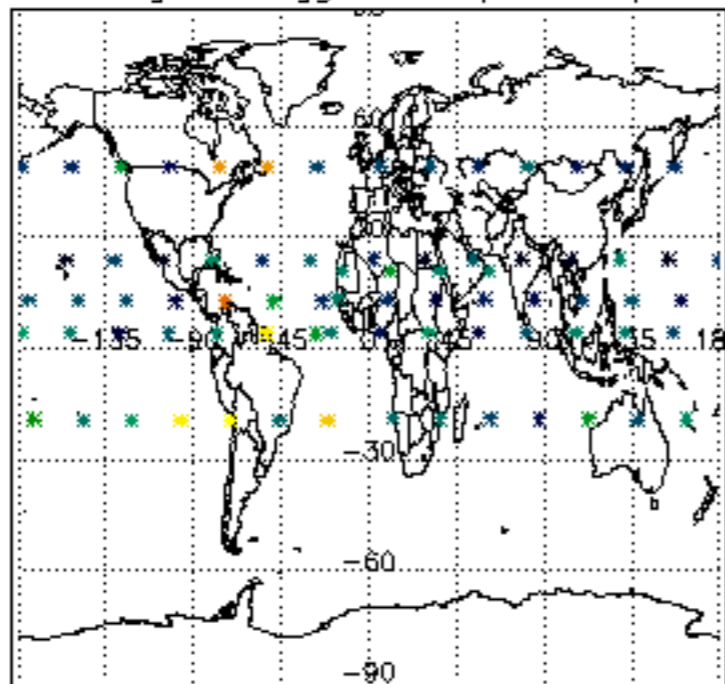
Percentage of flagged data per D3 profile



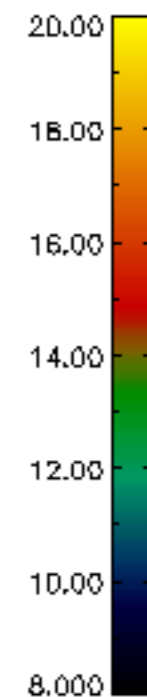
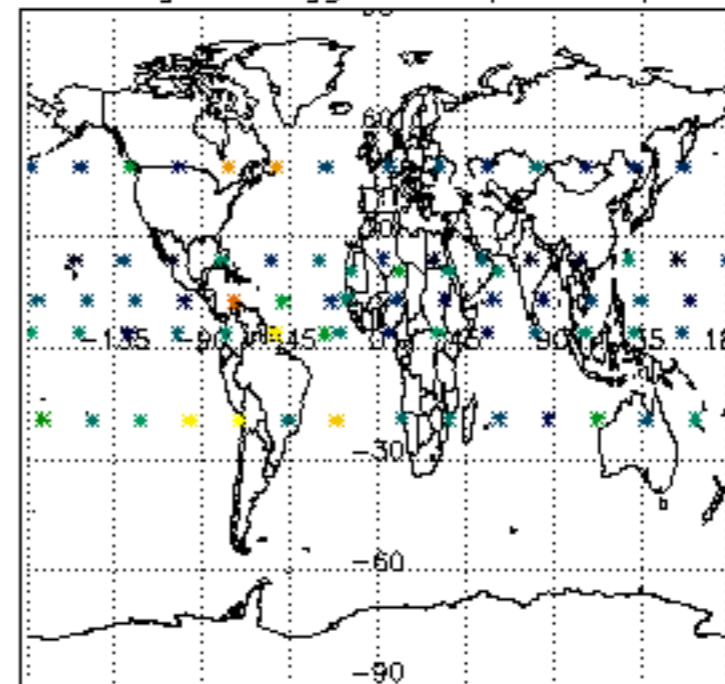
Percentage of flagged data per H2O profile

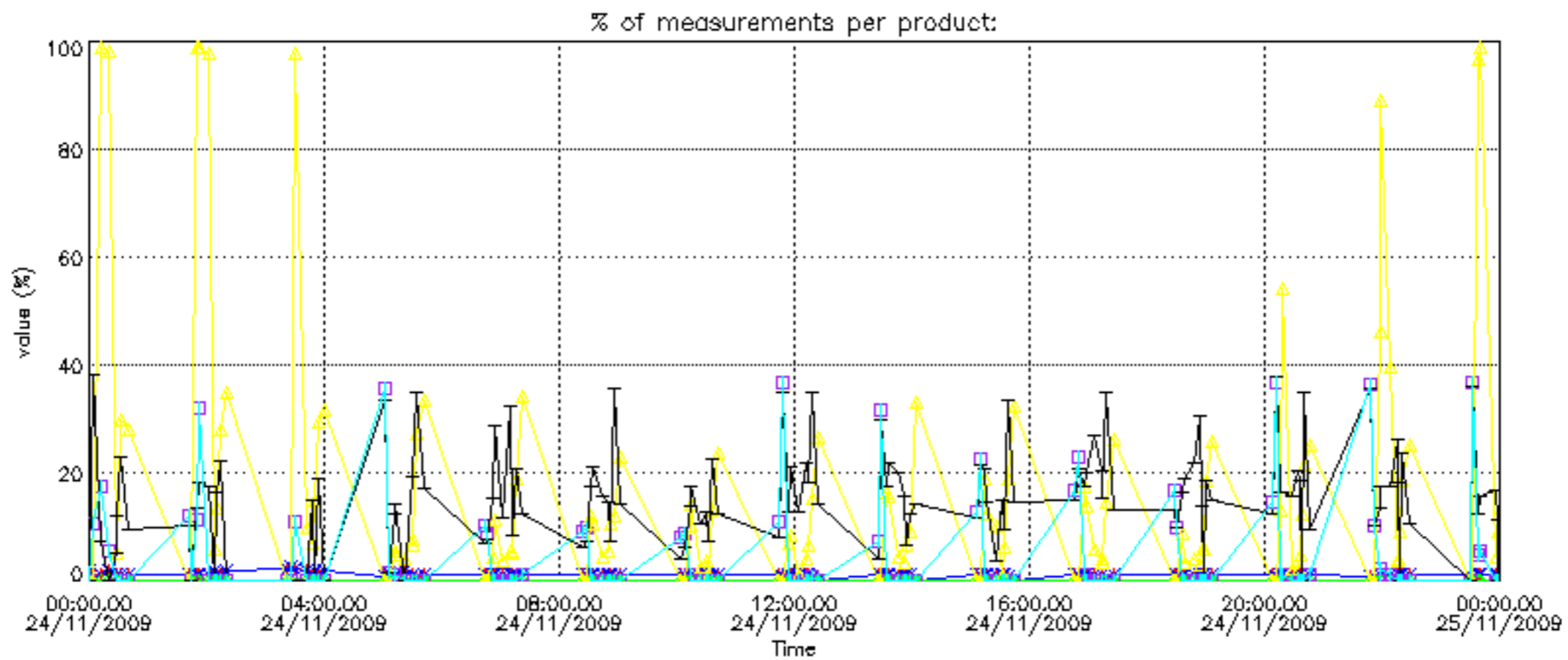


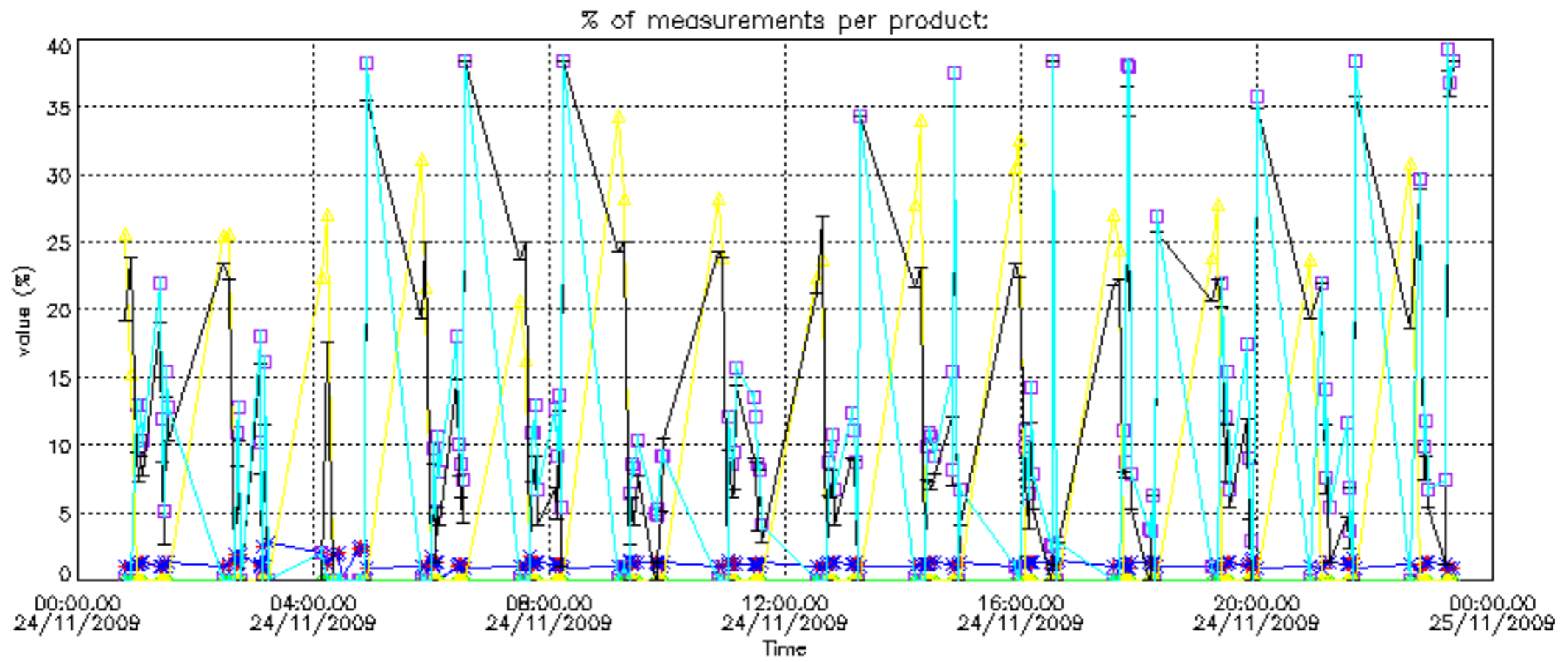
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

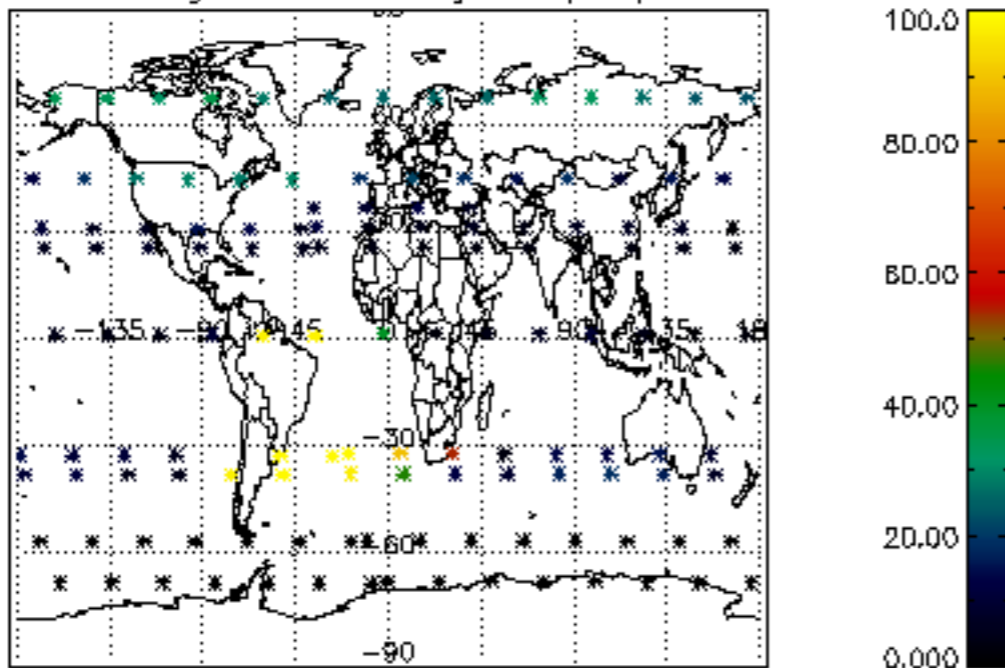




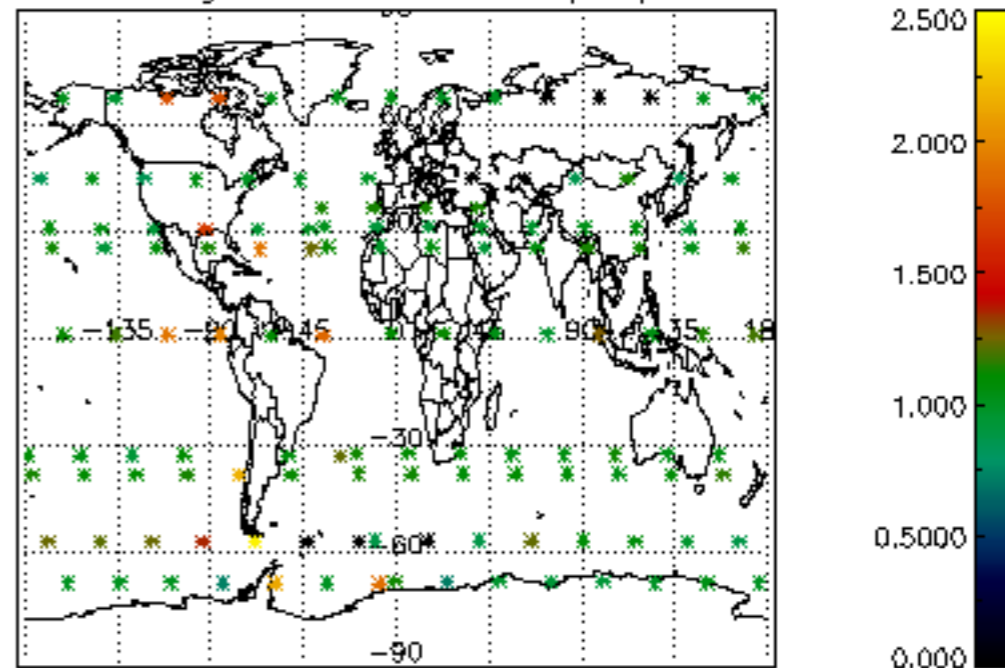




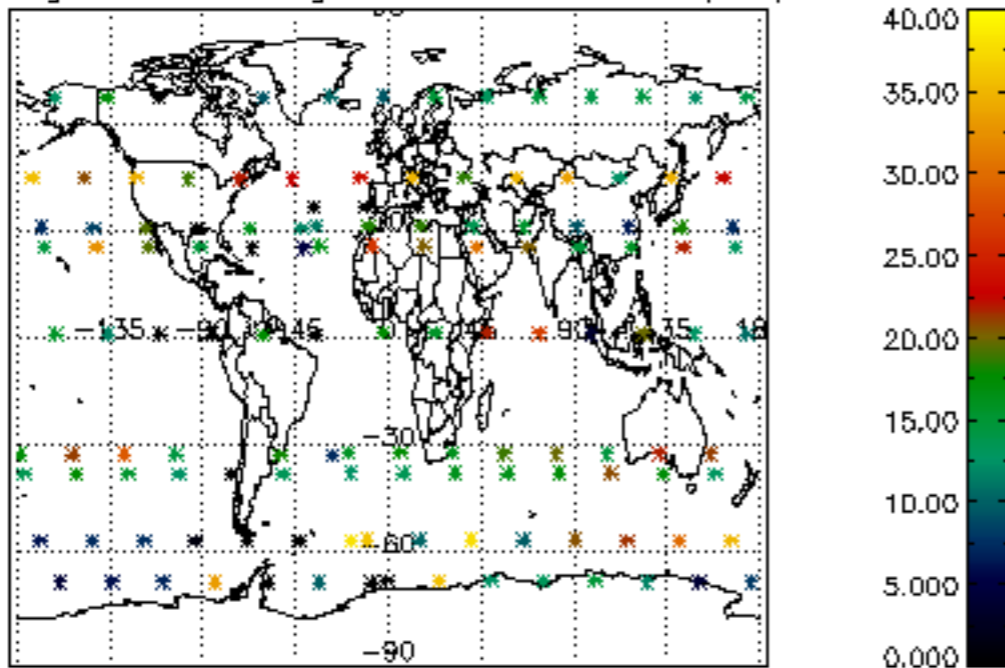
Percentage of cosmic ray hits per profile



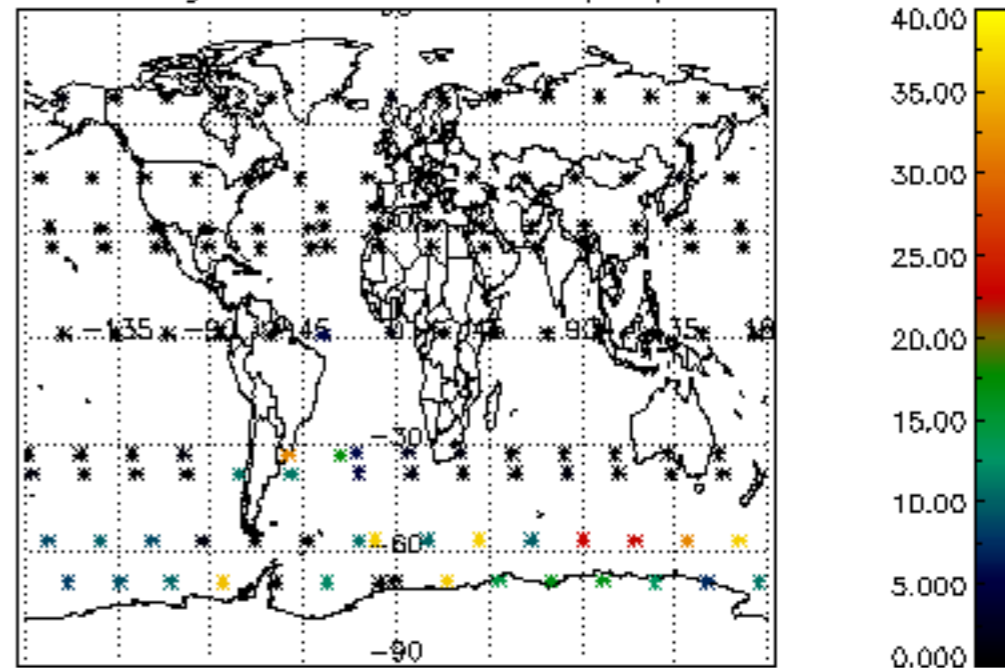
Percentage of datation errors per profile



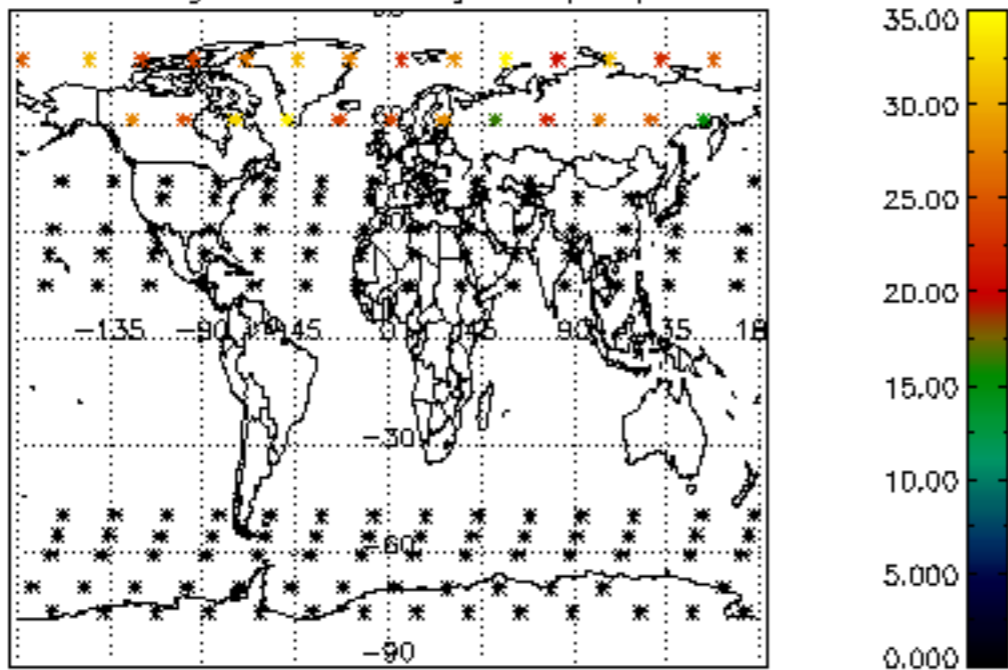
Percentage of star falling outside central band per profile



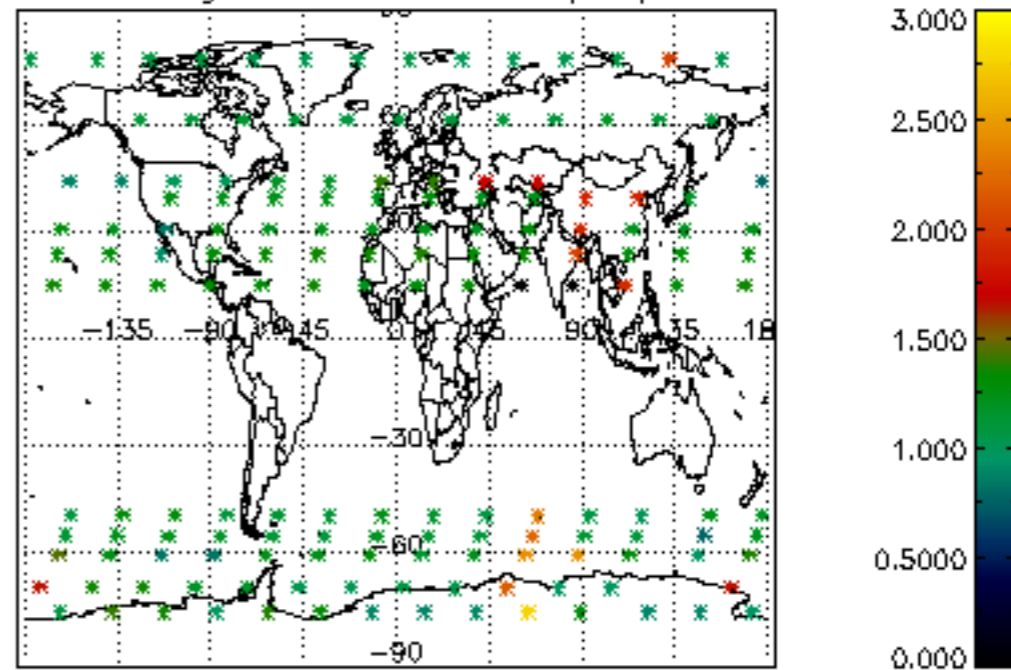
Percentage of saturation errors per profile



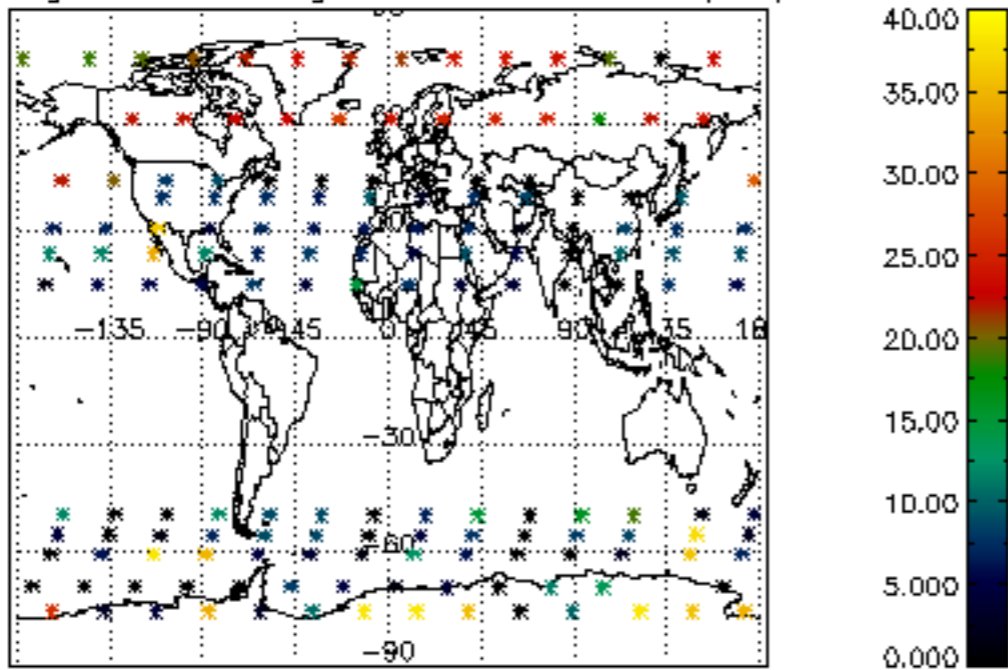
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

