

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 14:57:08
Data source version	GOMOS/6.01
Start time of products	03-09-2010 (03SEP2010 00:00:00)
Stop time of products	04-09-2010 (04SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	264
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100903_000040_000000402092_00345_44487_1096.N1	03-SEP-2010 00:00:40	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44487	No
2	GOM_NL__2PRFIN20100903_000336_000000592092_00345_44487_1097.N1	03-SEP-2010 00:03:36	Twi_and_stray	58.500	151	13Mu Gem	2.8900	3000.0	117	44487	No
3	GOM_NL__2PRFIN20100903_000523_000000502092_00345_44487_1098.N1	03-SEP-2010 00:05:23	Twi_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	44487	No
4	GOM_NL__2PRFIN20100903_000724_000000452092_00345_44487_1099.N1	03-SEP-2010 00:07:24	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	44487	No
5	GOM_NL__2PRFIN20100903_001511_000000502092_00345_44487_1100.N1	03-SEP-2010 00:15:11	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44487	No
6	GOM_NL__2PRFIN20100903_001754_000000452092_00345_44487_1101.N1	03-SEP-2010 00:17:54	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44487	No
7	GOM_NL__2PRFIN20100903_001934_000000552092_00345_44487_1102.N1	03-SEP-2010 00:19:34	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44487	No
8	GOM_NL__2PRFIN20100903_003458_000000422092_00346_44488_1095.N1	03-SEP-2010 00:34:58	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44488	No
9	GOM_NL__2PRFIN20100903_003616_000000462092_00346_44488_1096.N1	03-SEP-2010 00:36:16	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44488	No
10	GOM_NL__2PRFIN20100903_004213_000000482092_00346_44488_1097.N1	03-SEP-2010 00:42:13	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	44488	No
11	GOM_NL__2PRFIN20100903_004813_000000492092_00346_44488_1098.N1	03-SEP-2010 00:48:13	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44488	No
12	GOM_NL__2PRFIN20100903_005732_000000412092_00346_44488_1099.N1	03-SEP-2010 00:57:32	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44488	No
13	GOM_NL__2PRFIN20100903_010031_000000392092_00346_44488_1100.N1	03-SEP-2010 01:00:31	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44488	No
14	GOM_NL__2PRFIN20100903_010314_000000462092_00346_44488_1101.N1	03-SEP-2010 01:03:14	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44488	No
15	GOM_NL__2PRFIN20100903_010727_000000442092_00346_44488_1102.N1	03-SEP-2010 01:07:27	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44488	No
16	GOM_NL__2PRFIN20100903_011804_000000412092_00346_44488_1103.N1	03-SEP-2010 01:18:04	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44488	No
17	GOM_NL__2PRFIN20100903_012011_000000432092_00346_44488_1104.N1	03-SEP-2010 01:20:11	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44488	No
18	GOM_NL__2PRFIN20100903_013856_000000522092_00346_44488_1105.N1	03-SEP-2010 01:38:56	Bright	52.000	107	37The Aur	2.6490	11000.	104	44488	No
19	GOM_NL__2PRFIN20100903_014116_000000382092_00346_44488_1106.N1	03-SEP-2010 01:41:16	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44488	No
20	GOM_NL__2PRFIN20100903_014412_000000592092_00346_44488_1107.N1	03-SEP-2010 01:44:12	Twi_and_stray	58.500	151	13Mu Gem	2.8900	3000.0	117	44488	No
21	GOM_NL__2PRFIN20100903_014559_000000522092_00346_44488_1108.N1	03-SEP-2010 01:45:59	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	44488	No
22	GOM_NL__2PRFIN20100903_014800_000000452092_00346_44488_1109.N1	03-SEP-2010 01:48:00	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	44488	No
23	GOM_NL__2PRFIN20100903_015547_000000532092_00346_44488_1110.N1	03-SEP-2010 01:55:47	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44488	No
24	GOM_NL__2PRFIN20100903_015830_000000452092_00346_44488_1111.N1	03-SEP-2010 01:58:30	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44488	No
25	GOM_NL__2PRFIN20100903_020011_000000562092_00346_44488_1112.N1	03-SEP-2010 02:00:11	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44488	No
26	GOM_NL__2PRFIN20100903_021535_000000402092_00347_44489_1105.N1	03-SEP-2010 02:15:35	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44489	No
27	GOM_NL__2PRFIN20100903_021653_000000482092_00347_44489_1106.N1	03-SEP-2010 02:16:53	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44489	No
28	GOM_NL__2PRFIN20100903_022250_000000472092_00347_44489_1107.N1	03-SEP-2010 02:22:50	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	44489	No
29	GOM_NL__2PRFIN20100903_022849_000000502092_00347_44489_1108.N1	03-SEP-2010 02:28:49	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44489	No
30	GOM_NL__2PRFIN20100903_023808_000000412092_00347_44489_1109.N1	03-SEP-2010 02:38:08	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44489	No
31	GOM_NL__2PRFIN20100903_024107_000000392092_00347_44489_1110.N1	03-SEP-2010 02:41:07	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44489	No
32	GOM_NL__2PRFIN20100903_024350_000000492092_00347_44489_1111.N1	03-SEP-2010 02:43:50	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	44489	No
33	GOM_NL__2PRFIN20100903_024802_000000412092_00347_44489_1112.N1	03-SEP-2010 02:48:02	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44489	No
34	GOM_NL__2PRFIN20100903_025840_000000442092_00347_44489_1113.N1	03-SEP-2010 02:58:40	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44489	No
35	GOM_NL__2PRFIN20100903_030046_000000442092_00347_44489_1114.N1	03-SEP-2010 03:00:46	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44489	No
36	GOM_NL__2PRFIN20100903_031637_000000492092_00347_44489_1115.N1	03-SEP-2010 03:16:37	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44489	No
37	GOM_NL__2PRFIN20100903_031931_000000492092_00347_44489_1116.N1	03-SEP-2010 03:19:31	Bright	49.000	107	37The Aur	2.6490	11000.	98	44489	No
38	GOM_NL__2PRFIN20100903_032152_000000552092_00347_44489_1117.N1	03-SEP-2010 03:21:52	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	44489	No
39	GOM_NL__2PRFIN20100903_032448_000000542092_00347_44489_1118.N1	03-SEP-2010 03:24:48	Twi_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	44489	No
40	GOM_NL__2PRFIN20100903_032636_000000482092_00347_44489_1119.N1	03-SEP-2010 03:26:36	Twi_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	44489	No
41	GOM_NL__2PRFIN20100903_032836_000000532092_00347_44489_1120.N1	03-SEP-2010 03:28:36	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44489	No
42	GOM_NL__2PRFIN20100903_033624_000000512092_00347_44489_1121.N1	03-SEP-2010 03:36:24	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44489	No

43	GOM_NL__2PRFIN20100903_033907_000000412092_00347_44489_1122.N1	03-SEP-2010 03:39:07	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	44489	No
44	GOM_NL__2PRFIN20100903_035611_000000402092_00348_44490_1121.N1	03-SEP-2010 03:56:11	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44490	No
45	GOM_NL__2PRFIN20100903_035729_000000452092_00348_44490_1122.N1	03-SEP-2010 03:57:29	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44490	No
46	GOM_NL__2PRFIN20100903_040327_000000462092_00348_44490_1123.N1	03-SEP-2010 04:03:27	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44490	No
47	GOM_NL__2PRFIN20100903_040926_000000472092_00348_44490_1124.N1	03-SEP-2010 04:09:26	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44490	No
48	GOM_NL__2PRFIN20100903_041844_000000402092_00348_44490_1125.N1	03-SEP-2010 04:18:44	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44490	No
49	GOM_NL__2PRFIN20100903_042143_000000392092_00348_44490_1126.N1	03-SEP-2010 04:21:43	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44490	No
50	GOM_NL__2PRFIN20100903_042426_000000482092_00348_44490_1127.N1	03-SEP-2010 04:24:26	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44490	No
51	GOM_NL__2PRFIN20100903_042838_000000452092_00348_44490_1128.N1	03-SEP-2010 04:28:38	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44490	No
52	GOM_NL__2PRFIN20100903_043915_000000432092_00348_44490_1129.N1	03-SEP-2010 04:39:15	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44490	No
53	GOM_NL__2PRFIN20100903_044121_000000462092_00348_44490_1130.N1	03-SEP-2010 04:41:21	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44490	No
54	GOM_NL__2PRFIN20100903_045713_000000472092_00348_44490_1131.N1	03-SEP-2010 04:57:13	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44490	No
55	GOM_NL__2PRFIN20100903_050007_000000642092_00348_44490_1132.N1	03-SEP-2010 05:00:07	Bright	64.000	107	37The Aur	2.6490	11000.	128	44490	No
56	GOM_NL__2PRFIN20100903_050228_000000392092_00348_44490_1133.N1	03-SEP-2010 05:02:28	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	44490	No
57	GOM_NL__2PRFIN20100903_050525_000000612092_00348_44490_1134.N1	03-SEP-2010 05:05:25	Twilight	61.000	151	13Mu Gem	2.8900	3000.0	122	44490	No
58	GOM_NL__2PRFIN20100903_050712_000000542092_00348_44490_1135.N1	03-SEP-2010 05:07:12	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	44490	No
59	GOM_NL__2PRFIN20100903_050913_000000492092_00348_44490_1136.N1	03-SEP-2010 05:09:13	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	44490	No
60	GOM_NL__2PRFIN20100903_051701_000000562092_00348_44490_1137.N1	03-SEP-2010 05:17:01	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44490	No
61	GOM_NL__2PRFIN20100903_051943_000000462092_00348_44490_1138.N1	03-SEP-2010 05:19:43	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44490	No
62	GOM_NL__2PRFIN20100903_052125_000000562092_00348_44490_1139.N1	03-SEP-2010 05:21:25	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44490	No
63	GOM_NL__2PRFIN20100903_053648_000000392092_00349_44491_1155.N1	03-SEP-2010 05:36:48	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44491	No
64	GOM_NL__2PRFIN20100903_053806_000000462092_00349_44491_1156.N1	03-SEP-2010 05:38:06	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44491	No
65	GOM_NL__2PRFIN20100903_054403_000000462092_00349_44491_1157.N1	03-SEP-2010 05:44:03	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44491	No
66	GOM_NL__2PRFIN20100903_055002_000000482092_00349_44491_1158.N1	03-SEP-2010 05:50:02	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44491	No
67	GOM_NL__2PRFIN20100903_055920_000000412092_00349_44491_1159.N1	03-SEP-2010 05:59:20	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44491	No
68	GOM_NL__2PRFIN20100903_060220_000000372092_00349_44491_1160.N1	03-SEP-2010 06:02:20	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44491	No
69	GOM_NL__2PRFIN20100903_060501_000000452092_00349_44491_1161.N1	03-SEP-2010 06:05:01	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44491	No
70	GOM_NL__2PRFIN20100903_060913_000000422092_00349_44491_1162.N1	03-SEP-2010 06:09:13	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44491	No
71	GOM_NL__2PRFIN20100903_061951_000000452092_00349_44491_1163.N1	03-SEP-2010 06:19:51	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44491	No
72	GOM_NL__2PRFIN20100903_062156_000000482092_00349_44491_1164.N1	03-SEP-2010 06:21:56	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	44491	No
73	GOM_NL__2PRFIN20100903_063749_000000472092_00349_44491_1165.N1	03-SEP-2010 06:37:49	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44491	No
74	GOM_NL__2PRFIN20100903_064044_000000492092_00349_44491_1166.N1	03-SEP-2010 06:40:44	Bright	48.500	107	37The Aur	2.6490	11000.	97	44491	No
75	GOM_NL__2PRFIN20100903_064304_000000392092_00349_44491_1167.N1	03-SEP-2010 06:43:04	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44491	No
76	GOM_NL__2PRFIN20100903_064601_000000672092_00349_44491_1168.N1	03-SEP-2010 06:46:01	Twilight	67.000	151	13Mu Gem	2.8900	3000.0	134	44491	No
77	GOM_NL__2PRFIN20100903_064749_000000532092_00349_44491_1169.N1	03-SEP-2010 06:47:49	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44491	No
78	GOM_NL__2PRFIN20100903_064949_000000432092_00349_44491_1170.N1	03-SEP-2010 06:49:49	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	44491	No
79	GOM_NL__2PRFIN20100903_065737_000000532092_00349_44491_1171.N1	03-SEP-2010 06:57:37	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44491	No
80	GOM_NL__2PRFIN20100903_070020_000000442092_00349_44491_1172.N1	03-SEP-2010 07:00:20	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44491	No
81	GOM_NL__2PRFIN20100903_070203_000000582092_00349_44491_1173.N1	03-SEP-2010 07:02:03	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44491	No
82	GOM_NL__2PRFIN20100903_071725_000000402092_00350_44492_1184.N1	03-SEP-2010 07:17:25	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44492	No
83	GOM_NL__2PRFIN20100903_071843_000000542092_00350_44492_1185.N1	03-SEP-2010 07:18:43	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44492	No
84	GOM_NL__2PRFIN20100903_072439_000000542092_00350_44492_1186.N1	03-SEP-2010 07:24:39	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44492	No
85	GOM_NL__2PRFIN20100903_073038_000000492092_00350_44492_1187.N1	03-SEP-2010 07:30:38	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44492	No
86	GOM_NL__2PRFIN20100903_073956_000000402092_00350_44492_1188.N1	03-SEP-2010 07:39:56	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44492	No
87	GOM_NL__2PRFIN20100903_074255_000000432092_00350_44492_1189.N1	03-SEP-2010 07:42:55	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44492	No
88	GOM_NL__2PRFIN20100903_074536_000000472092_00350_44492_1190.N1	03-SEP-2010 07:45:36	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	44492	No
89	GOM_NL__2PRFIN20100903_074949_000000432092_00350_44492_1191.N1	03-SEP-2010 07:49:49	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44492	No
90	GOM_NL__2PRFIN20100903_080026_000000422092_00350_44492_1192.N1	03-SEP-2010 08:00:26	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44492	No
91	GOM_NL__2PRFIN20100903_080232_000000442092_00350_44492_1193.N1	03-SEP-2010 08:02:32	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44492	No
92	GOM_NL__2PRFIN20100903_081825_000000672092_00350_44492_1194.N1	03-SEP-2010 08:18:25	Bright	67.000	42	34Bet Aur	1.9000	10200.	134	44492	No
93	GOM_NL__2PRFIN20100903_082120_000000712092_00350_44492_1195.N1	03-SEP-2010 08:21:20	Bright	71.000	107	37The Aur	2.6490	11000.	142	44492	No
94	GOM_NL__2PRFIN20100903_082341_000000392092_00350_44492_1196.N1	03-SEP-2010 08:23:41	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44492	No
95	GOM_NL__2PRFIN20100903_082637_000000592092_00350_44492_1197.N1	03-SEP-2010 08:26:37	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44492	No
96	GOM_NL__2PRFIN20100903_082825_000000502092_00350_44492_1198.N1	03-SEP-2010 08:28:25	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	44492	No
97	GOM_NL__2PRFIN20100903_083025_000000512092_00350_44492_1199.N1	03-SEP-2010 08:30:25	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	44492	No
98	GOM_NL__2PRFIN20100903_083814_000000472092_00350_44492_1200.N1	03-SEP-2010 08:38:14	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	44492	No
99	GOM_NL__2PRFIN20100903_084056_000000452092_00350_44492_1201.N1	03-SEP-2010 08:40:56	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44492	No
100	GOM_NL__2PRFIN20100903_084240_000000542092_00350_44492_1202.N1	03-SEP-2010 08:42:40	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44492	No
101	GOM_NL__2PRFIN20100903_085801_000000392092_00351_44493_1222.N1	03-SEP-2010 08:58:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44493	No

102	GOM_NL__2PRFIN20100903_085919_000000512092_00351_44493_1223.N1	03-SEP-2010 08:59:19	Dark	50.500	9	Alp Eri	0.45300	24000.	101	44493	No
103	GOM_NL__2PRFIN20100903_090516_000000502092_00351_44493_1224.N1	03-SEP-2010 09:05:16	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44493	No
104	GOM_NL__2PRFIN20100903_091114_000000462092_00351_44493_1225.N1	03-SEP-2010 09:11:14	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44493	No
105	GOM_NL__2PRFIN20100903_092032_000000412092_00351_44493_1226.N1	03-SEP-2010 09:20:32	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44493	No
106	GOM_NL__2PRFIN20100903_092331_000000382092_00351_44493_1227.N1	03-SEP-2010 09:23:31	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44493	No
107	GOM_NL__2PRFIN20100903_092612_000000482092_00351_44493_1228.N1	03-SEP-2010 09:26:12	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44493	No
108	GOM_NL__2PRFIN20100903_093024_000000432092_00351_44493_1229.N1	03-SEP-2010 09:30:24	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44493	No
109	GOM_NL__2PRFIN20100903_094101_000000432092_00351_44493_1230.N1	03-SEP-2010 09:41:01	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44493	No
110	GOM_NL__2PRFIN20100903_094307_000000462092_00351_44493_1231.N1	03-SEP-2010 09:43:07	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44493	No
111	GOM_NL__2PRFIN20100903_095901_000000482092_00351_44493_1232.N1	03-SEP-2010 09:59:01	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44493	No
112	GOM_NL__2PRFIN20100903_100155_000000492092_00351_44493_1233.N1	03-SEP-2010 10:01:55	Bright	48.500	107	37The Aur	2.6490	11000.	97	44493	No
113	GOM_NL__2PRFIN20100903_100417_000000552092_00351_44493_1234.N1	03-SEP-2010 10:04:17	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	44493	No
114	GOM_NL__2PRFIN20100903_100714_000000592092_00351_44493_1235.N1	03-SEP-2010 10:07:14	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44493	No
115	GOM_NL__2PRFIN20100903_100902_000000532092_00351_44493_1236.N1	03-SEP-2010 10:09:02	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44493	No
116	GOM_NL__2PRFIN20100903_101101_000000552092_00351_44493_1237.N1	03-SEP-2010 10:11:01	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44493	No
117	GOM_NL__2PRFIN20100903_101850_000000522092_00351_44493_1238.N1	03-SEP-2010 10:18:50	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44493	No
118	GOM_NL__2PRFIN20100903_102133_000000412092_00351_44493_1239.N1	03-SEP-2010 10:21:33	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	44493	No
119	GOM_NL__2PRFIN20100903_102317_000000552092_00351_44493_1240.N1	03-SEP-2010 10:23:17	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44493	No
120	GOM_NL__2PRFIN20100903_103837_000000402092_00352_44494_1257.N1	03-SEP-2010 10:38:37	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44494	No
121	GOM_NL__2PRFIN20100903_103956_000000532092_00352_44494_1258.N1	03-SEP-2010 10:39:56	Dark	52.500	9	Alp Eri	0.45300	24000.	105	44494	No
122	GOM_NL__2PRFIN20100903_104552_000000492092_00352_44494_1259.N1	03-SEP-2010 10:45:52	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44494	No
123	GOM_NL__2PRFIN20100903_105150_000000462092_00352_44494_1260.N1	03-SEP-2010 10:51:50	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44494	No
124	GOM_NL__2PRFIN20100903_110108_000000402092_00352_44494_1261.N1	03-SEP-2010 11:01:08	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44494	No
125	GOM_NL__2PRFIN20100903_110407_000000392092_00352_44494_1262.N1	03-SEP-2010 11:04:07	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44494	No
126	GOM_NL__2PRFIN20100903_110647_000000452092_00352_44494_1263.N1	03-SEP-2010 11:06:47	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44494	No
127	GOM_NL__2PRFIN20100903_111059_000000452092_00352_44494_1264.N1	03-SEP-2010 11:10:59	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44494	No
128	GOM_NL__2PRFIN20100903_112136_000000442092_00352_44494_1265.N1	03-SEP-2010 11:21:36	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44494	No
129	GOM_NL__2PRFIN20100903_112342_000000442092_00352_44494_1266.N1	03-SEP-2010 11:23:42	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44494	No
130	GOM_NL__2PRFIN20100903_113936_000000502092_00352_44494_1267.N1	03-SEP-2010 11:39:36	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44494	No
131	GOM_NL__2PRFIN20100903_114231_000000502092_00352_44494_1268.N1	03-SEP-2010 11:42:31	Bright	49.500	107	37The Aur	2.6490	11000.	99	44494	No
132	GOM_NL__2PRFIN20100903_114453_000000402092_00352_44494_1269.N1	03-SEP-2010 11:44:53	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44494	No
133	GOM_NL__2PRFIN20100903_114750_000000652092_00352_44494_1270.N1	03-SEP-2010 11:47:50	Twilight	65.000	151	13Mu Gem	2.8900	3000.0	130	44494	No
134	GOM_NL__2PRFIN20100903_114938_000000512092_00352_44494_1271.N1	03-SEP-2010 11:49:38	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	44494	No
135	GOM_NL__2PRFIN20100903_115138_000000552092_00352_44494_1272.N1	03-SEP-2010 11:51:38	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	44494	No
136	GOM_NL__2PRFIN20100903_115927_000000522092_00352_44494_1273.N1	03-SEP-2010 11:59:27	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44494	No
137	GOM_NL__2PRFIN20100903_120209_000000452092_00352_44494_1274.N1	03-SEP-2010 12:02:09	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44494	No
138	GOM_NL__2PRFIN20100903_120354_000000562092_00352_44494_1275.N1	03-SEP-2010 12:03:54	Dark	55.500	101	11Alp Lep	2.5820	7000.0	111	44494	No
139	GOM_NL__2PRFIN20100903_121914_000000412092_00353_44495_1288.N1	03-SEP-2010 12:19:14	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44495	No
140	GOM_NL__2PRFIN20100903_122032_000000462092_00353_44495_1289.N1	03-SEP-2010 12:20:32	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44495	No
141	GOM_NL__2PRFIN20100903_122629_000000482092_00353_44495_1290.N1	03-SEP-2010 12:26:29	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44495	No
142	GOM_NL__2PRFIN20100903_123227_000000482092_00353_44495_1291.N1	03-SEP-2010 12:32:27	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44495	No
143	GOM_NL__2PRFIN20100903_124143_000000402092_00353_44495_1292.N1	03-SEP-2010 12:41:43	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44495	No
144	GOM_NL__2PRFIN20100903_124443_000000372092_00353_44495_1293.N1	03-SEP-2010 12:44:43	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44495	No
145	GOM_NL__2PRFIN20100903_124723_000000452092_00353_44495_1294.N1	03-SEP-2010 12:47:23	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44495	No
146	GOM_NL__2PRFIN20100903_125135_000000452092_00353_44495_1295.N1	03-SEP-2010 12:51:35	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44495	No
147	GOM_NL__2PRFIN20100903_130212_000000452092_00353_44495_1296.N1	03-SEP-2010 13:02:12	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44495	No
148	GOM_NL__2PRFIN20100903_130417_000000452092_00353_44495_1297.N1	03-SEP-2010 13:04:17	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44495	No
149	GOM_NL__2PRFIN20100903_132012_000000472092_00353_44495_1298.N1	03-SEP-2010 13:20:12	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44495	No
150	GOM_NL__2PRFIN20100903_132307_000000712092_00353_44495_1299.N1	03-SEP-2010 13:23:07	Bright	71.000	107	37The Aur	2.6490	11000.	142	44495	No
151	GOM_NL__2PRFIN20100903_132529_000000402092_00353_44495_1300.N1	03-SEP-2010 13:25:29	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44495	No
152	GOM_NL__2PRFIN20100903_132826_000000562092_00353_44495_1301.N1	03-SEP-2010 13:28:26	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	44495	No
153	GOM_NL__2PRFIN20100903_133014_000000502092_00353_44495_1302.N1	03-SEP-2010 13:30:14	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	44495	No
154	GOM_NL__2PRFIN20100903_133214_000000512092_00353_44495_1303.N1	03-SEP-2010 13:32:14	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	44495	No
155	GOM_NL__2PRFIN20100903_134004_000000512092_00353_44495_1304.N1	03-SEP-2010 13:40:04	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	44495	No
156	GOM_NL__2PRFIN20100903_134246_000000432092_00353_44495_1305.N1	03-SEP-2010 13:42:46	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	44495	No
157	GOM_NL__2PRFIN20100903_134431_000000572092_00353_44495_1306.N1	03-SEP-2010 13:44:31	Dark	56.500	101	11Alp Lep	2.5820	7000.0	113	44495	No
158	GOM_NL__2PRFIN20100903_135950_000000412092_00354_44496_1316.N1	03-SEP-2010 13:59:50	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44496	No
159	GOM_NL__2PRFIN20100903_140108_000000452092_00354_44496_1317.N1	03-SEP-2010 14:01:08	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44496	No
160	GOM_NL__2PRFIN20100903_140705_000000492092_00354_44496_1318.N1	03-SEP-2010 14:07:05	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44496	No

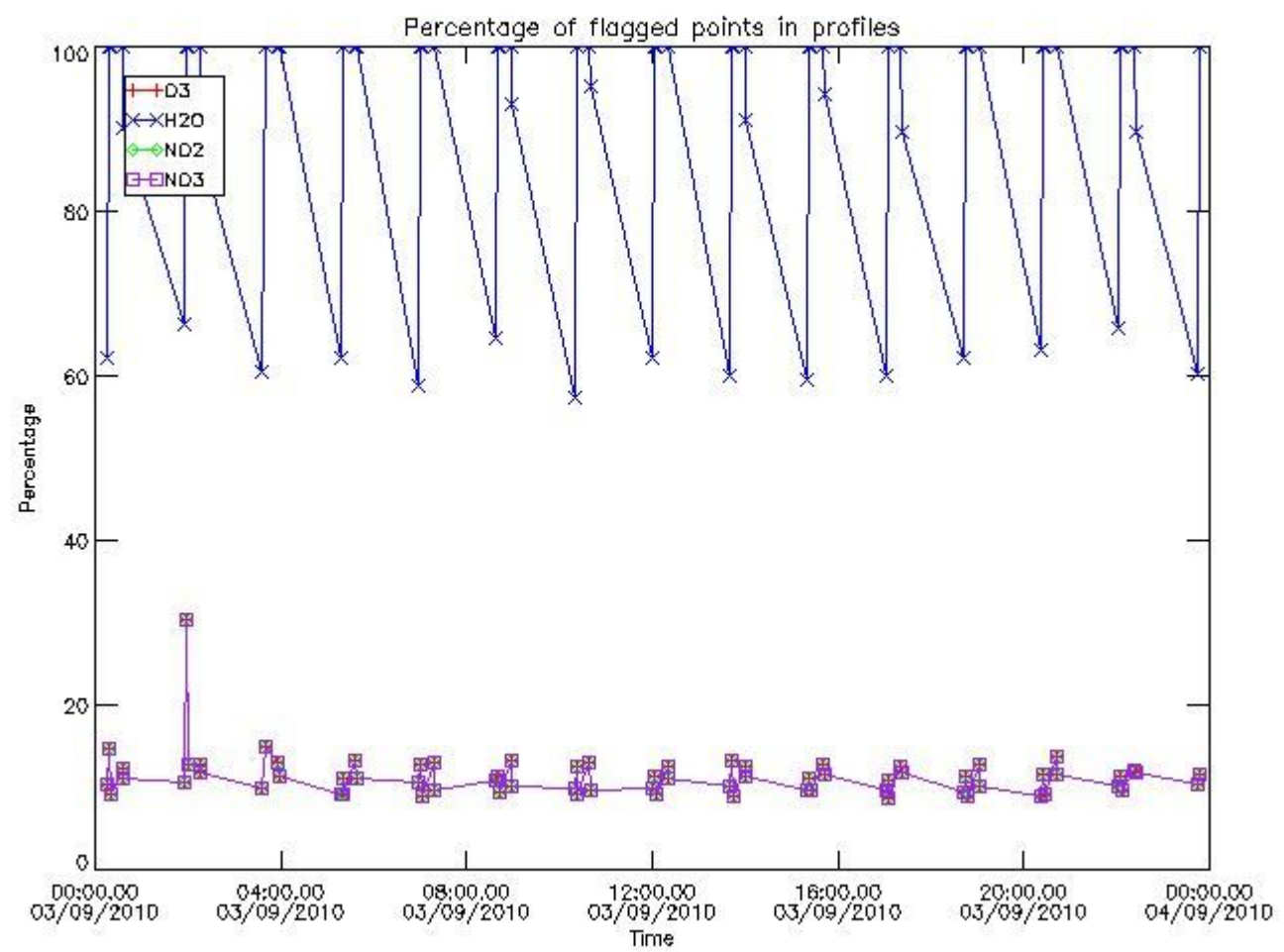
161	GOM_NL__2PRFIN20100903_141303_000000522092_00354_44496_1319.N1	03-SEP-2010 14:13:03	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	44496	No
162	GOM_NL__2PRFIN20100903_142220_000000392092_00354_44496_1320.N1	03-SEP-2010 14:22:20	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44496	No
163	GOM_NL__2PRFIN20100903_142519_000000372092_00354_44496_1321.N1	03-SEP-2010 14:25:19	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44496	No
164	GOM_NL__2PRFIN20100903_142758_000000482092_00354_44496_1322.N1	03-SEP-2010 14:27:58	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44496	No
165	GOM_NL__2PRFIN20100903_143211_000000412092_00354_44496_1323.N1	03-SEP-2010 14:32:11	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44496	No
166	GOM_NL__2PRFIN20100903_144247_000000452092_00354_44496_1324.N1	03-SEP-2010 14:42:47	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44496	No
167	GOM_NL__2PRFIN20100903_144453_000000462092_00354_44496_1325.N1	03-SEP-2010 14:44:53	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44496	No
168	GOM_NL__2PRFIN20100903_150048_000000482092_00354_44496_1326.N1	03-SEP-2010 15:00:48	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44496	No
169	GOM_NL__2PRFIN20100903_150501_000000392092_00354_44496_1327.N1	03-SEP-2010 15:05:01	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	44496	No
170	GOM_NL__2PRFIN20100903_150902_000000582092_00354_44496_1328.N1	03-SEP-2010 15:09:02	Twi_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44496	No
171	GOM_NL__2PRFIN20100903_151050_000000512092_00354_44496_1329.N1	03-SEP-2010 15:10:50	Twi_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	44496	No
172	GOM_NL__2PRFIN20100903_151250_000000552092_00354_44496_1330.N1	03-SEP-2010 15:12:50	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44496	No
173	GOM_NL__2PRFIN20100903_152040_000000542092_00354_44496_1331.N1	03-SEP-2010 15:20:40	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	44496	No
174	GOM_NL__2PRFIN20100903_152322_000000462092_00354_44496_1332.N1	03-SEP-2010 15:23:22	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44496	No
175	GOM_NL__2PRFIN20100903_152508_000000542092_00354_44496_1333.N1	03-SEP-2010 15:25:08	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44496	No
176	GOM_NL__2PRFIN20100903_154027_000000402092_00355_44497_1333.N1	03-SEP-2010 15:40:27	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44497	No
177	GOM_NL__2PRFIN20100903_154145_000000442092_00355_44497_1334.N1	03-SEP-2010 15:41:45	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44497	No
178	GOM_NL__2PRFIN20100903_154742_000000572092_00355_44497_1335.N1	03-SEP-2010 15:47:42	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44497	No
179	GOM_NL__2PRFIN20100903_155339_000000482092_00355_44497_1336.N1	03-SEP-2010 15:53:39	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44497	No
180	GOM_NL__2PRFIN20100903_160255_000000402092_00355_44497_1337.N1	03-SEP-2010 16:02:55	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44497	No
181	GOM_NL__2PRFIN20100903_160555_000000382092_00355_44497_1338.N1	03-SEP-2010 16:05:55	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44497	No
182	GOM_NL__2PRFIN20100903_160834_000000492092_00355_44497_1339.N1	03-SEP-2010 16:08:34	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	44497	No
183	GOM_NL__2PRFIN20100903_161246_000000432092_00355_44497_1340.N1	03-SEP-2010 16:12:46	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44497	No
184	GOM_NL__2PRFIN20100903_162323_000000422092_00355_44497_1341.N1	03-SEP-2010 16:23:23	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44497	No
185	GOM_NL__2PRFIN20100903_162528_000000462092_00355_44497_1342.N1	03-SEP-2010 16:25:28	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44497	No
186	GOM_NL__2PRFIN20100903_164124_000000492092_00355_44497_1343.N1	03-SEP-2010 16:41:24	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44497	No
187	GOM_NL__2PRFIN20100903_164537_000000392092_00355_44497_1344.N1	03-SEP-2010 16:45:37	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44497	No
188	GOM_NL__2PRFIN20100903_164939_000000602092_00355_44497_1345.N1	03-SEP-2010 16:49:39	Twi_and_stray	59.500	151	13Mu Gem	2.8900	3000.0	119	44497	No
189	GOM_NL__2PRFIN20100903_165127_000000522092_00355_44497_1346.N1	03-SEP-2010 16:51:27	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	44497	No
190	GOM_NL__2PRFIN20100903_165327_000000552092_00355_44497_1347.N1	03-SEP-2010 16:53:27	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44497	No
191	GOM_NL__2PRFIN20100903_170117_000000532092_00355_44497_1348.N1	03-SEP-2010 17:01:17	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	44497	No
192	GOM_NL__2PRFIN20100903_170358_000000472092_00355_44497_1349.N1	03-SEP-2010 17:03:58	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44497	No
193	GOM_NL__2PRFIN20100903_170546_000000592092_00355_44497_1350.N1	03-SEP-2010 17:05:46	Dark	59.000	101	11Alp Lep	2.5820	7000.0	118	44497	No
194	GOM_NL__2PRFIN20100903_172103_000000412092_00356_44498_1400.N1	03-SEP-2010 17:21:03	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44498	No
195	GOM_NL__2PRFIN20100903_172222_000000442092_00356_44498_1401.N1	03-SEP-2010 17:22:22	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44498	No
196	GOM_NL__2PRFIN20100903_172818_000000552092_00356_44498_1402.N1	03-SEP-2010 17:28:18	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44498	No
197	GOM_NL__2PRFIN20100903_173415_000000472092_00356_44498_1403.N1	03-SEP-2010 17:34:15	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44498	No
198	GOM_NL__2PRFIN20100903_174331_000000412092_00356_44498_1404.N1	03-SEP-2010 17:43:31	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44498	No
199	GOM_NL__2PRFIN20100903_174630_000000382092_00356_44498_1405.N1	03-SEP-2010 17:46:30	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	44498	No
200	GOM_NL__2PRFIN20100903_174909_000000482092_00356_44498_1406.N1	03-SEP-2010 17:49:09	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44498	No
201	GOM_NL__2PRFIN20100903_175322_000000432092_00356_44498_1407.N1	03-SEP-2010 17:53:22	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44498	No
202	GOM_NL__2PRFIN20100903_180358_000000442092_00356_44498_1408.N1	03-SEP-2010 18:03:58	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44498	No
203	GOM_NL__2PRFIN20100903_180603_000000452092_00356_44498_1409.N1	03-SEP-2010 18:06:03	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44498	No
204	GOM_NL__2PRFIN20100903_182200_000000492092_00356_44498_1410.N1	03-SEP-2010 18:22:00	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44498	No
205	GOM_NL__2PRFIN20100903_182614_000000382092_00356_44498_1411.N1	03-SEP-2010 18:26:14	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	44498	No
206	GOM_NL__2PRFIN20100903_183015_000000662092_00356_44498_1412.N1	03-SEP-2010 18:30:15	Twi_and_stray	65.500	151	13Mu Gem	2.8900	3000.0	131	44498	No
207	GOM_NL__2PRFIN20100903_183203_000000542092_00356_44498_1413.N1	03-SEP-2010 18:32:03	Twi_and_stray	53.500	44	24Gam Gem	1.9280	11000.	107	44498	No
208	GOM_NL__2PRFIN20100903_183403_000000542092_00356_44498_1414.N1	03-SEP-2010 18:34:03	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	44498	No
209	GOM_NL__2PRFIN20100903_184154_000000552092_00356_44498_1415.N1	03-SEP-2010 18:41:54	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44498	No
210	GOM_NL__2PRFIN20100903_184435_000000452092_00356_44498_1416.N1	03-SEP-2010 18:44:35	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44498	No
211	GOM_NL__2PRFIN20100903_184623_000000582092_00356_44498_1417.N1	03-SEP-2010 18:46:23	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44498	No
212	GOM_NL__2PRFIN20100903_190140_000000402092_00357_44499_1428.N1	03-SEP-2010 19:01:40	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44499	No
213	GOM_NL__2PRFIN20100903_190258_000000502092_00357_44499_1429.N1	03-SEP-2010 19:02:58	Dark	50.000	9	Alp Eri	0.45300	24000.	100	44499	No
214	GOM_NL__2PRFIN20100903_190855_000000532092_00357_44499_1430.N1	03-SEP-2010 19:08:55	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44499	No
215	GOM_NL__2PRFIN20100903_191452_000000472092_00357_44499_1431.N1	03-SEP-2010 19:14:52	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44499	No
216	GOM_NL__2PRFIN20100903_192407_000000402092_00357_44499_1432.N1	03-SEP-2010 19:24:07	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44499	No
217	GOM_NL__2PRFIN20100903_192706_000000392092_00357_44499_1433.N1	03-SEP-2010 19:27:06	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44499	No
218	GOM_NL__2PRFIN20100903_192945_000000482092_00357_44499_1434.N1	03-SEP-2010 19:29:45	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44499	No
219	GOM_NL__2PRFIN20100903_193357_000000412092_00357_44499_1435.N1	03-SEP-2010 19:33:57	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44499	No

220	GOM_NL__2PRFIN20100903_194433_000000452092_00357_44499_1436.N1	03-SEP-2010 19:44:33	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44499	No
221	GOM_NL__2PRFIN20100903_194638_000000452092_00357_44499_1437.N1	03-SEP-2010 19:46:38	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44499	No
222	GOM_NL__2PRFIN20100903_200235_000000492092_00357_44499_1438.N1	03-SEP-2010 20:02:35	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44499	No
223	GOM_NL__2PRFIN20100903_200650_000000392092_00357_44499_1439.N1	03-SEP-2010 20:06:50	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44499	No
224	GOM_NL__2PRFIN20100903_201051_000000582092_00357_44499_1440.N1	03-SEP-2010 20:10:51	Twi_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44499	No
225	GOM_NL__2PRFIN20100903_201240_000000522092_00357_44499_1441.N1	03-SEP-2010 20:12:40	Twi_and_stray	52.000	44	24Gam Gem	1.9280	11000.	104	44499	No
226	GOM_NL__2PRFIN20100903_201439_000000532092_00357_44499_1442.N1	03-SEP-2010 20:14:39	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	44499	No
227	GOM_NL__2PRFIN20100903_202230_000000582092_00357_44499_1443.N1	03-SEP-2010 20:22:30	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	44499	No
228	GOM_NL__2PRFIN20100903_202511_000000452092_00357_44499_1444.N1	03-SEP-2010 20:25:11	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	44499	No
229	GOM_NL__2PRFIN20100903_202700_000000562092_00357_44499_1445.N1	03-SEP-2010 20:27:00	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44499	No
230	GOM_NL__2PRFIN20100903_204216_000000412092_00358_44500_1463.N1	03-SEP-2010 20:42:16	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44500	No
231	GOM_NL__2PRFIN20100903_204335_000000442092_00358_44500_1464.N1	03-SEP-2010 20:43:35	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44500	No
232	GOM_NL__2PRFIN20100903_204931_000000512092_00358_44500_1465.N1	03-SEP-2010 20:49:31	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44500	No
233	GOM_NL__2PRFIN20100903_205528_000000492092_00358_44500_1466.N1	03-SEP-2010 20:55:28	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44500	No
234	GOM_NL__2PRFIN20100903_210443_000000402092_00358_44500_1467.N1	03-SEP-2010 21:04:43	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44500	No
235	GOM_NL__2PRFIN20100903_210742_000000402092_00358_44500_1468.N1	03-SEP-2010 21:07:42	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44500	No
236	GOM_NL__2PRFIN20100903_211020_000000462092_00358_44500_1469.N1	03-SEP-2010 21:10:20	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44500	No
237	GOM_NL__2PRFIN20100903_211433_000000432092_00358_44500_1470.N1	03-SEP-2010 21:14:33	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44500	No
238	GOM_NL__2PRFIN20100903_212509_000000482092_00358_44500_1471.N1	03-SEP-2010 21:25:09	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	44500	No
239	GOM_NL__2PRFIN20100903_212714_000000432092_00358_44500_1472.N1	03-SEP-2010 21:27:14	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44500	No
240	GOM_NL__2PRFIN20100903_214311_000000482092_00358_44500_1473.N1	03-SEP-2010 21:43:11	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44500	No
241	GOM_NL__2PRFIN20100903_214726_000000502092_00358_44500_1474.N1	03-SEP-2010 21:47:26	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	44500	No
242	GOM_NL__2PRFIN20100903_215128_000000622092_00358_44500_1475.N1	03-SEP-2010 21:51:28	Twi_and_stray	62.000	151	13Mu Gem	2.8900	3000.0	124	44500	No
243	GOM_NL__2PRFIN20100903_215316_000000532092_00358_44500_1476.N1	03-SEP-2010 21:53:16	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	44500	No
244	GOM_NL__2PRFIN20100903_215515_000000472092_00358_44500_1477.N1	03-SEP-2010 21:55:15	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	44500	No
245	GOM_NL__2PRFIN20100903_220307_000000502092_00358_44500_1478.N1	03-SEP-2010 22:03:07	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44500	No
246	GOM_NL__2PRFIN20100903_220548_000000452092_00358_44500_1479.N1	03-SEP-2010 22:05:48	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44500	No
247	GOM_NL__2PRFIN20100903_220738_000000582092_00358_44500_1480.N1	03-SEP-2010 22:07:38	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44500	No
248	GOM_NL__2PRFIN20100903_222252_000000432092_00359_44501_1497.N1	03-SEP-2010 22:22:52	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	44501	No
249	GOM_NL__2PRFIN20100903_222412_000000442092_00359_44501_1498.N1	03-SEP-2010 22:24:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44501	No
250	GOM_NL__2PRFIN20100903_223008_000000532092_00359_44501_1499.N1	03-SEP-2010 22:30:08	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44501	No
251	GOM_NL__2PRFIN20100903_223604_000000552092_00359_44501_1500.N1	03-SEP-2010 22:36:04	Straylight	54.500	18	24Alp PsA	1.1660	9700.0	109	44501	No
252	GOM_NL__2PRFIN20100903_224519_000000392092_00359_44501_1501.N1	03-SEP-2010 22:45:19	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44501	No
253	GOM_NL__2PRFIN20100903_224818_000000372092_00359_44501_1502.N1	03-SEP-2010 22:48:18	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44501	No
254	GOM_NL__2PRFIN20100903_225056_000000482092_00359_44501_1503.N1	03-SEP-2010 22:50:56	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44501	No
255	GOM_NL__2PRFIN20100903_225508_000000442092_00359_44501_1504.N1	03-SEP-2010 22:55:08	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44501	No
256	GOM_NL__2PRFIN20100903_230544_000000502092_00359_44501_1505.N1	03-SEP-2010 23:05:44	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	44501	No
257	GOM_NL__2PRFIN20100903_230749_000000462092_00359_44501_1506.N1	03-SEP-2010 23:07:49	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44501	No
258	GOM_NL__2PRFIN20100903_232347_000000482092_00359_44501_1507.N1	03-SEP-2010 23:23:47	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44501	No
259	GOM_NL__2PRFIN20100903_232802_000000382092_00359_44501_1508.N1	03-SEP-2010 23:28:02	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	44501	No
260	GOM_NL__2PRFIN20100903_233204_000000642092_00359_44501_1509.N1	03-SEP-2010 23:32:04	Twi_and_stray	64.000	151	13Mu Gem	2.8900	3000.0	128	44501	No
261	GOM_NL__2PRFIN20100903_233352_000000532092_00359_44501_1510.N1	03-SEP-2010 23:33:52	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	44501	No
262	GOM_NL__2PRFIN20100903_233551_000000552092_00359_44501_1511.N1	03-SEP-2010 23:35:51	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44501	No
263	GOM_NL__2PRFIN20100903_234343_000000502092_00359_44501_1512.N1	03-SEP-2010 23:43:43	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44501	No
264	GOM_NL__2PRFIN20100903_234625_000000442092_00359_44501_1513.N1	03-SEP-2010 23:46:25	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44501	No

### 3. Quality information per product

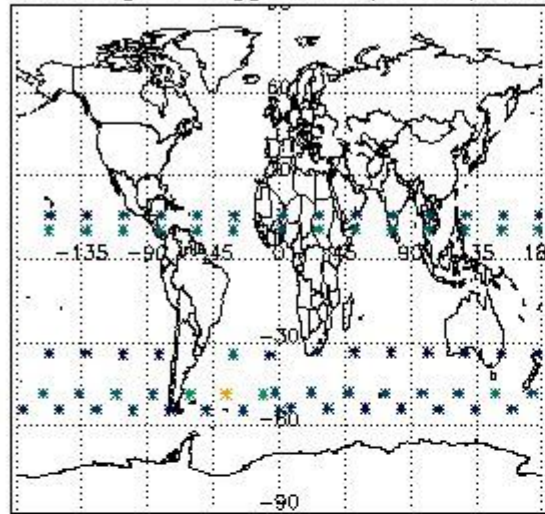
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

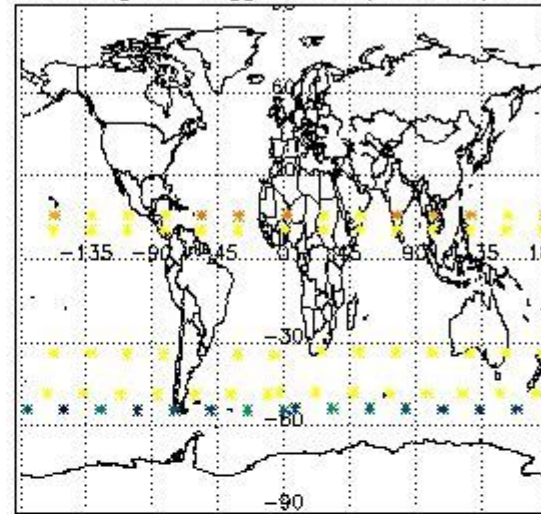


3.2 Plot quality information per product (world map)

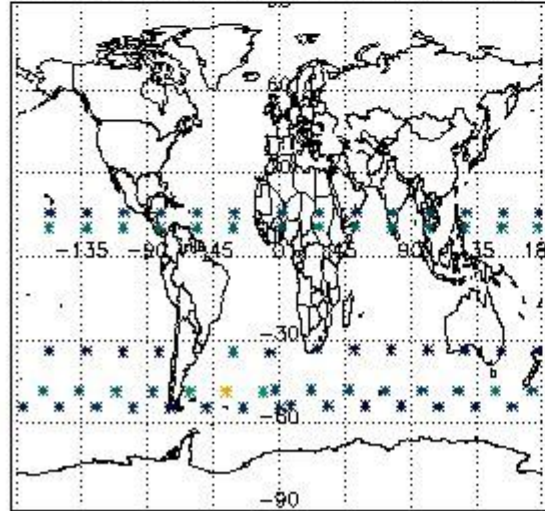
Percentage of flagged data per O3 profile



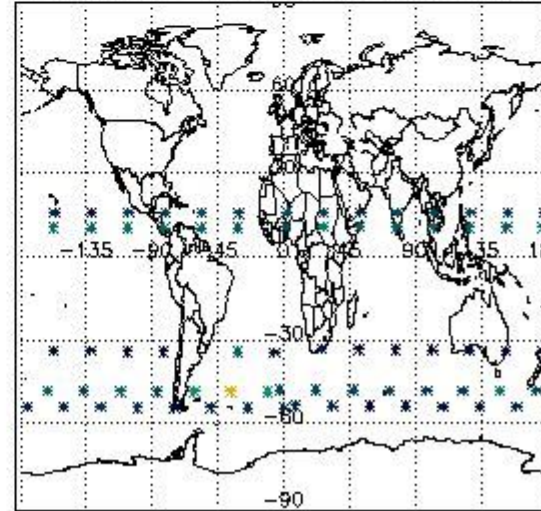
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



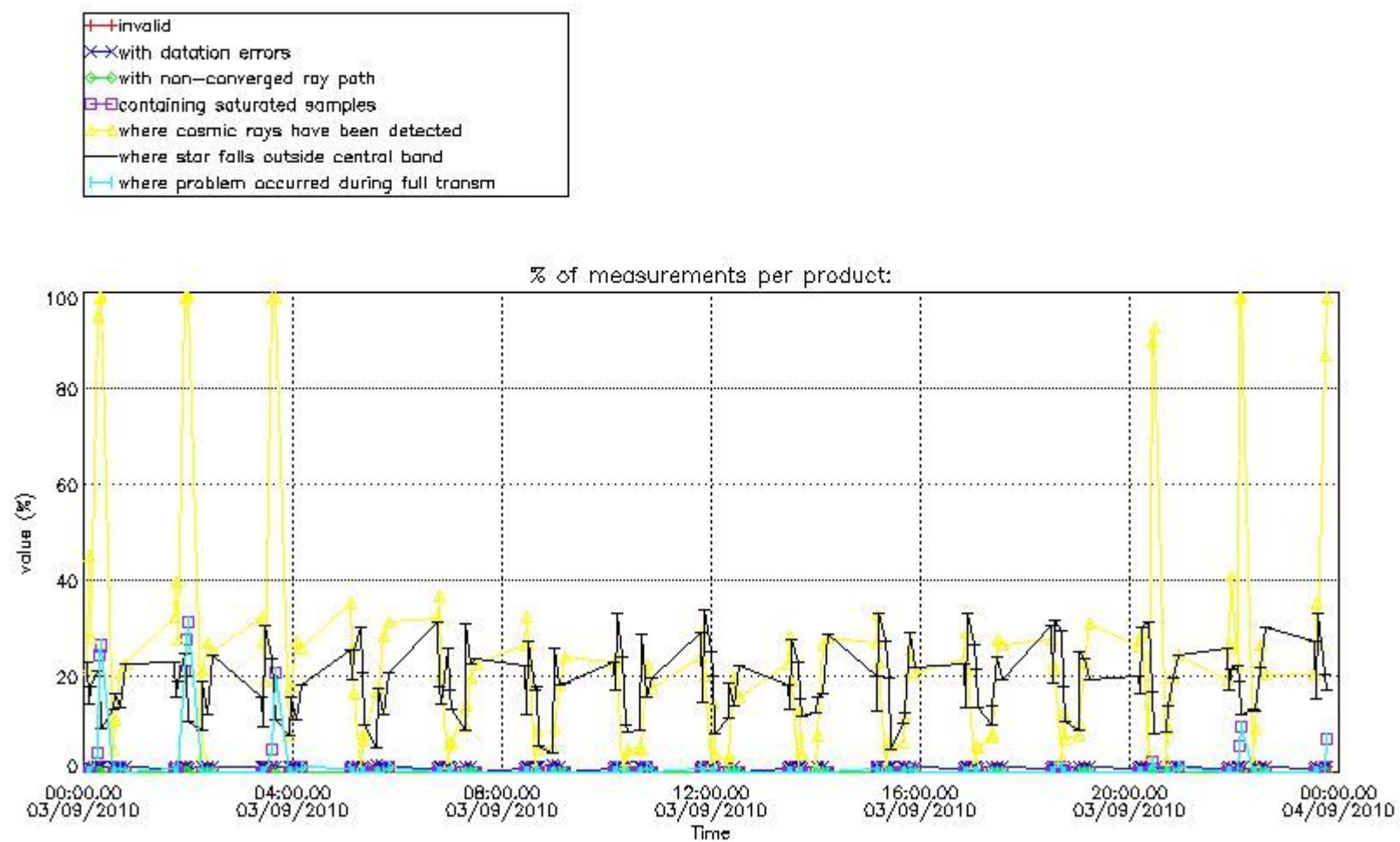
#### 4. Level 1 quality information per product

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

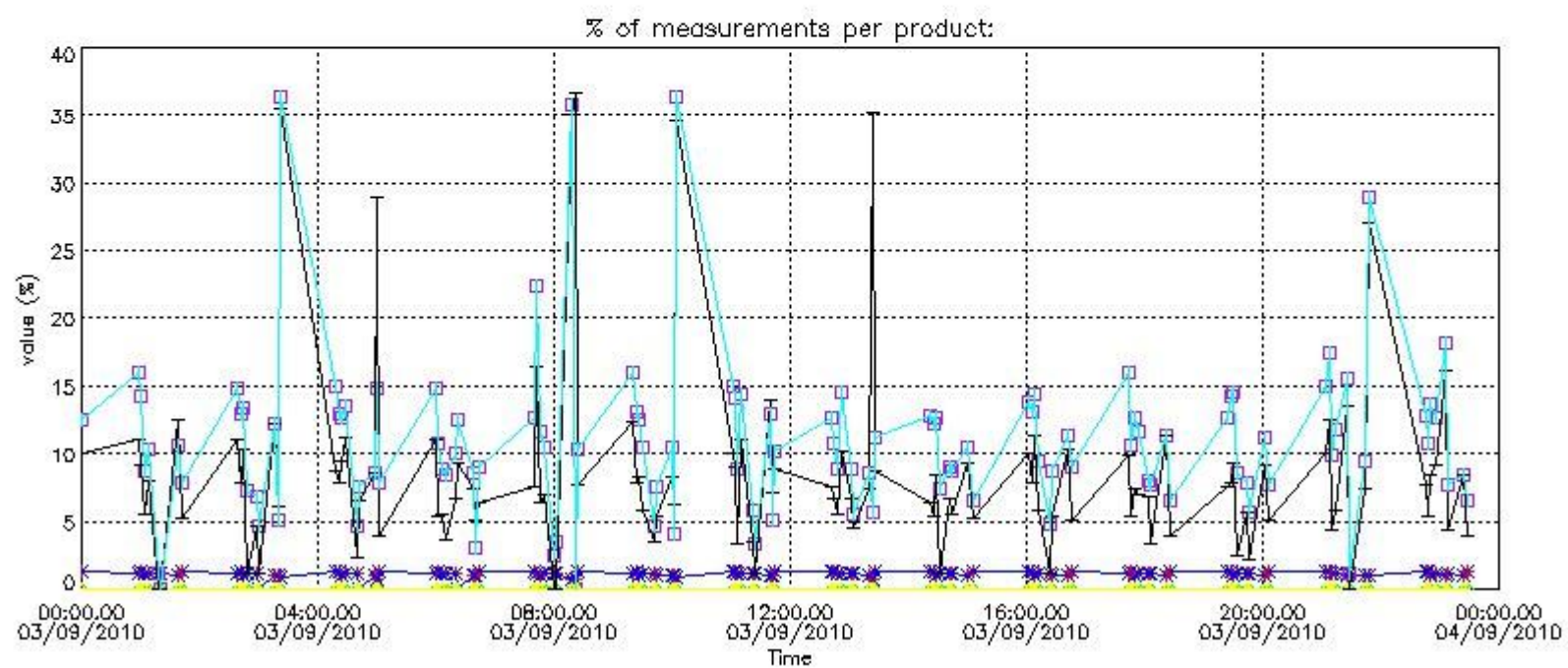
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



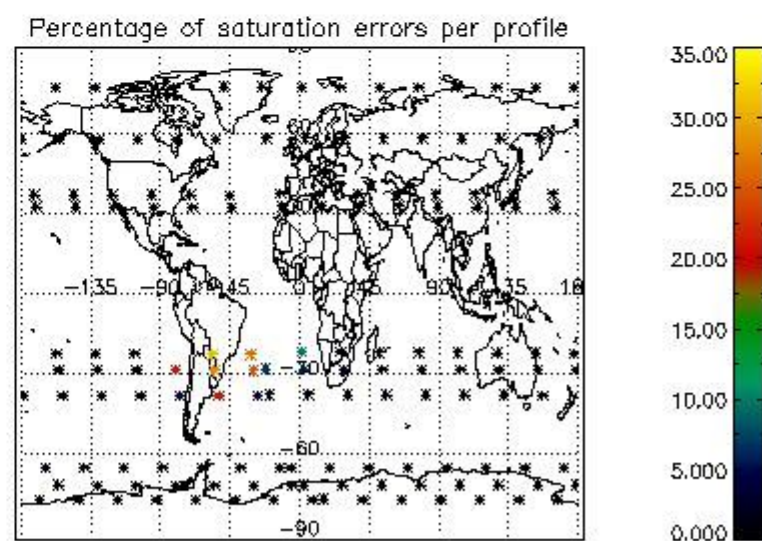
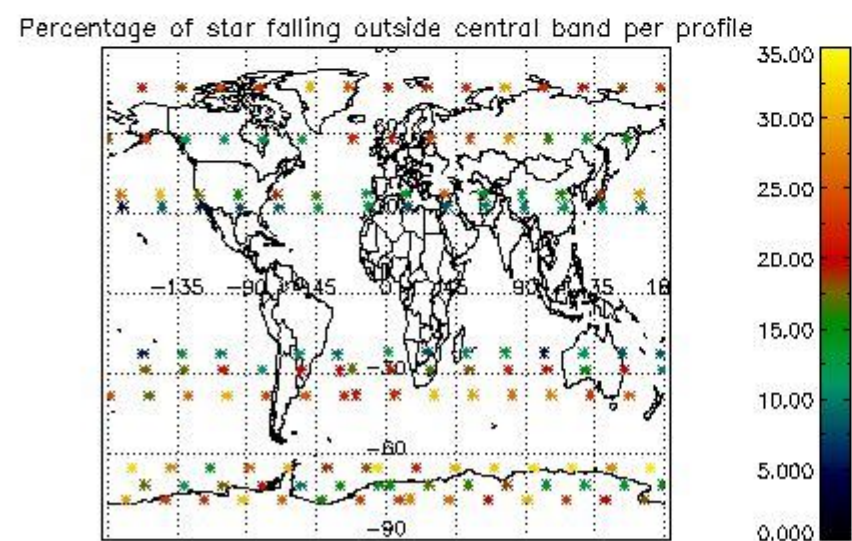
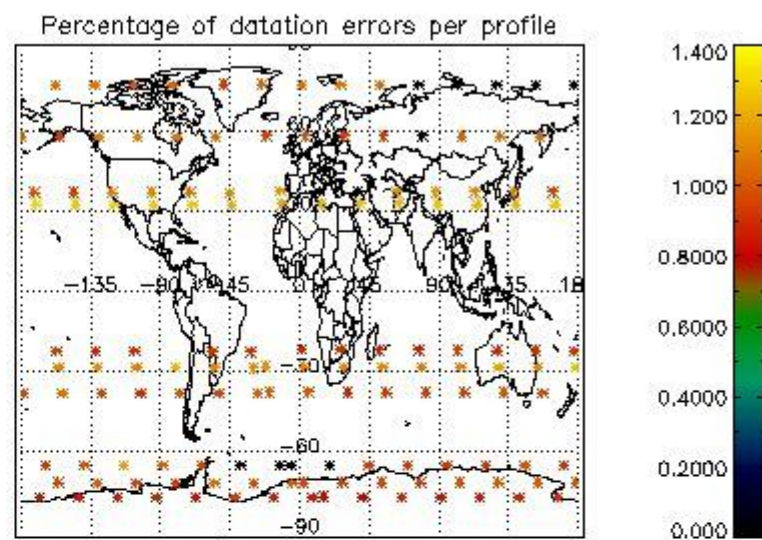
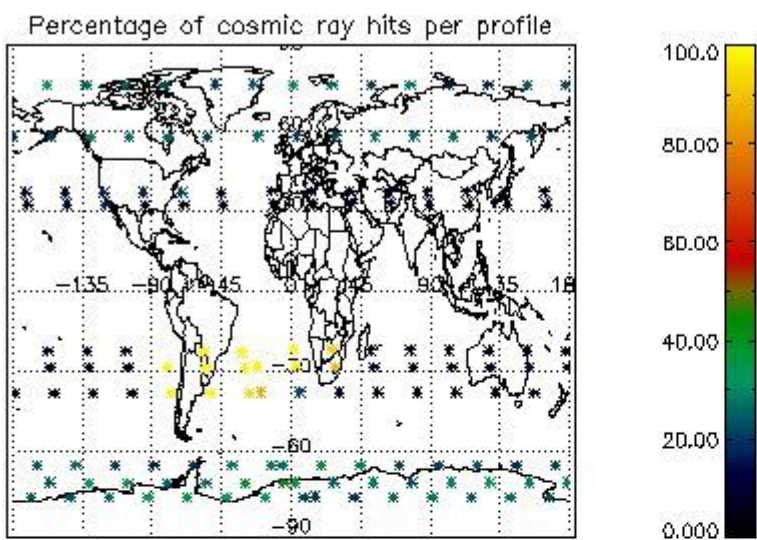


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

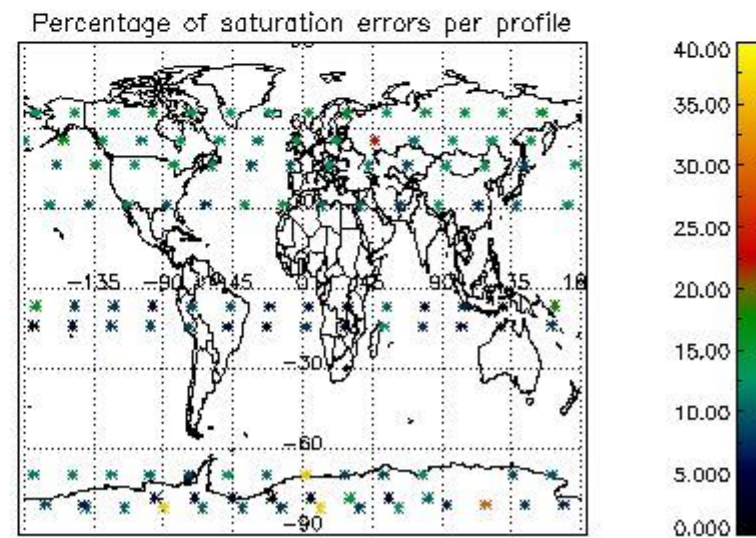
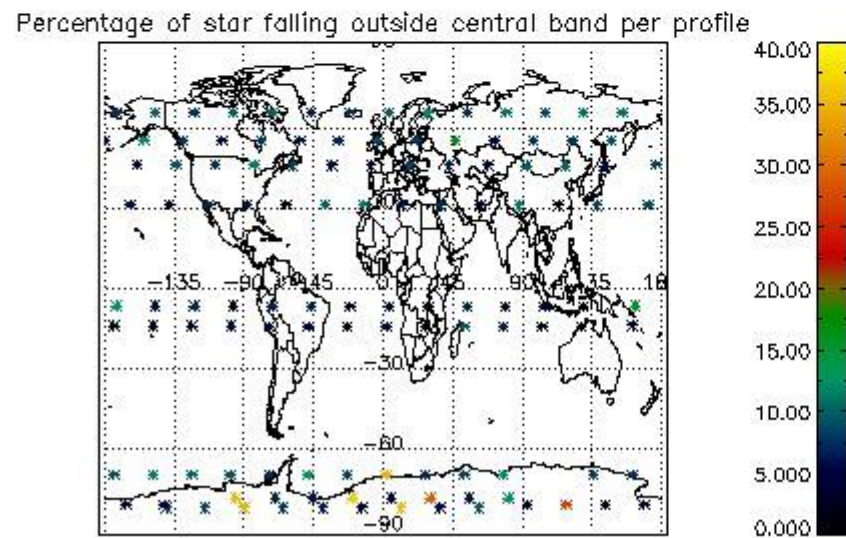
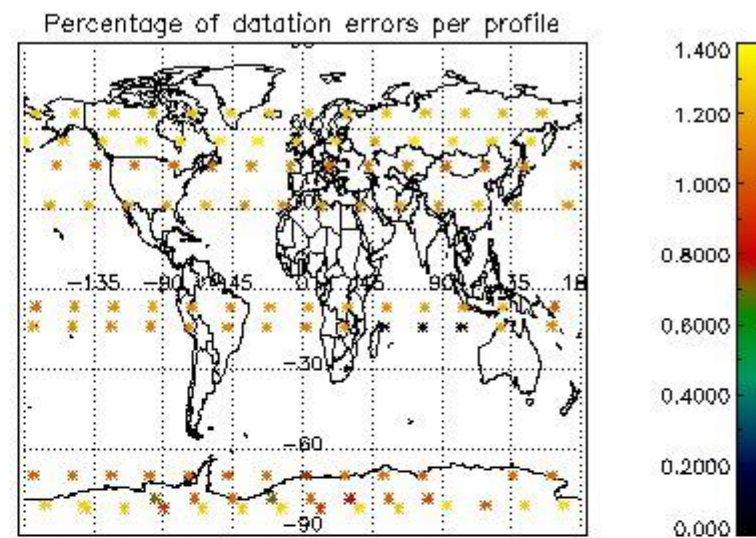
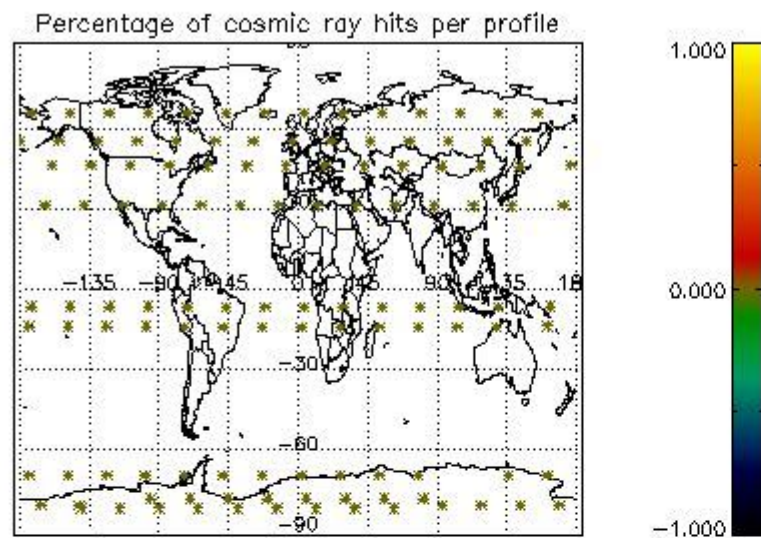


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

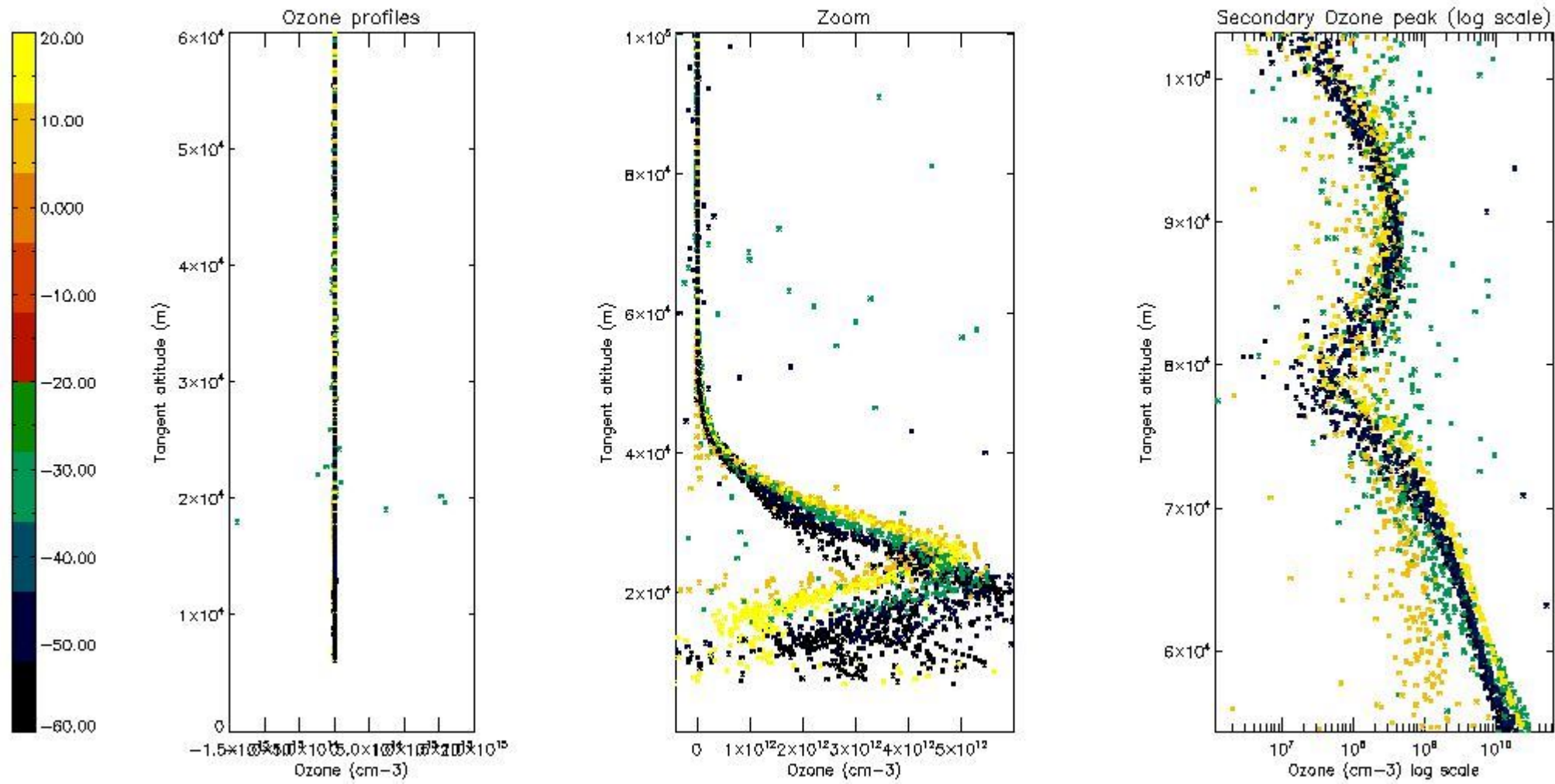
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	16

STD < 10	13
STD < 5	9

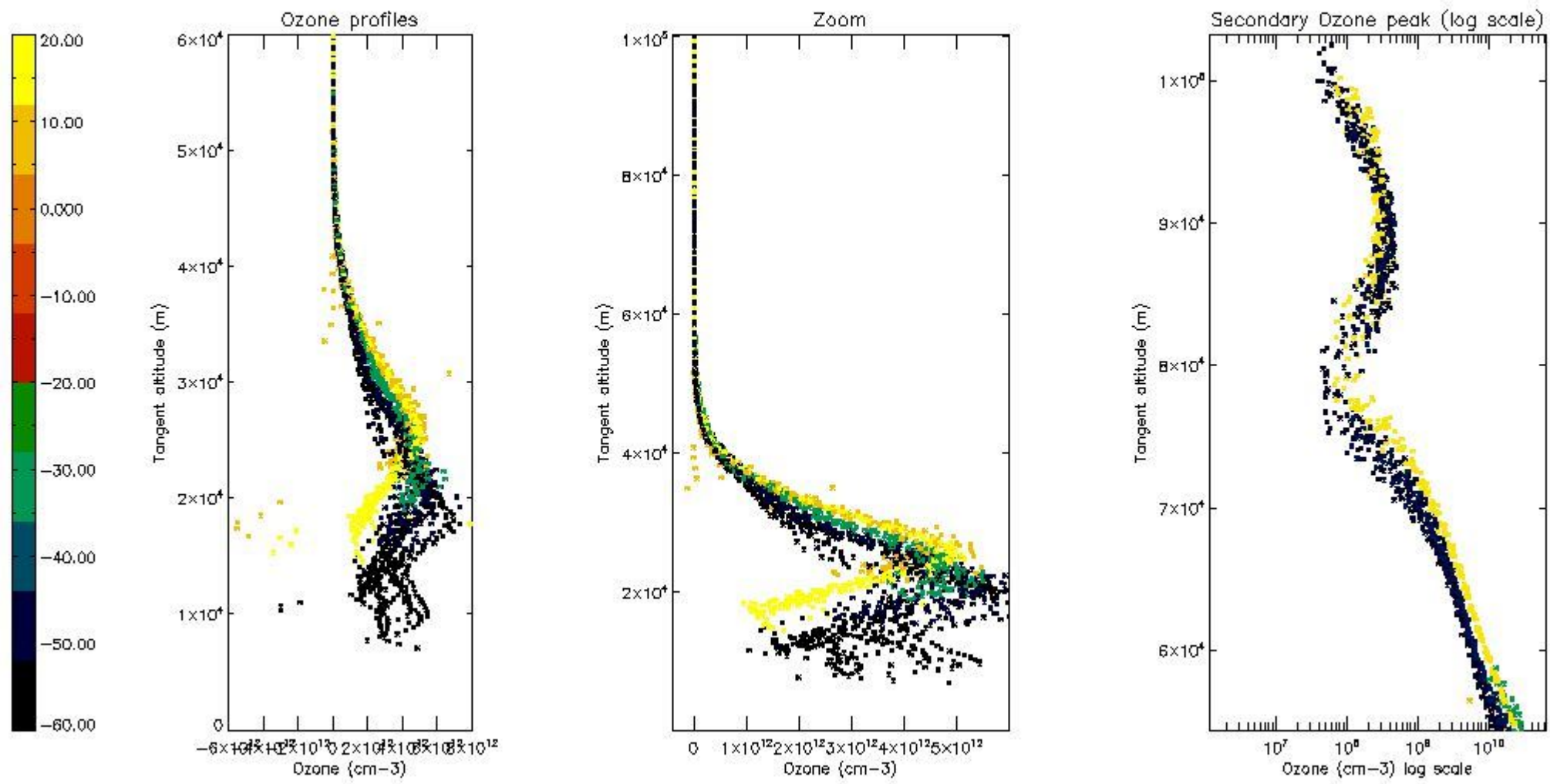
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



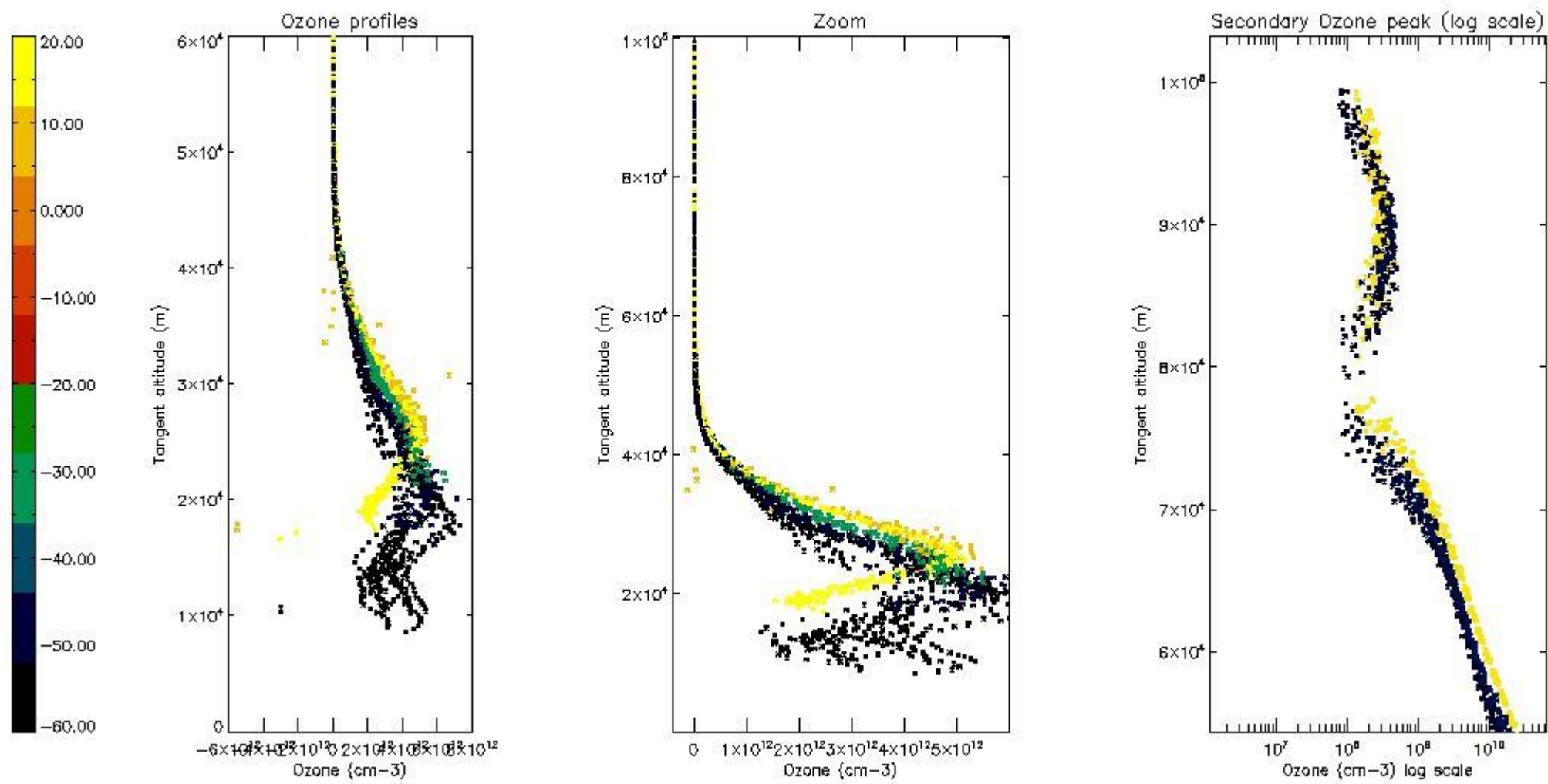
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



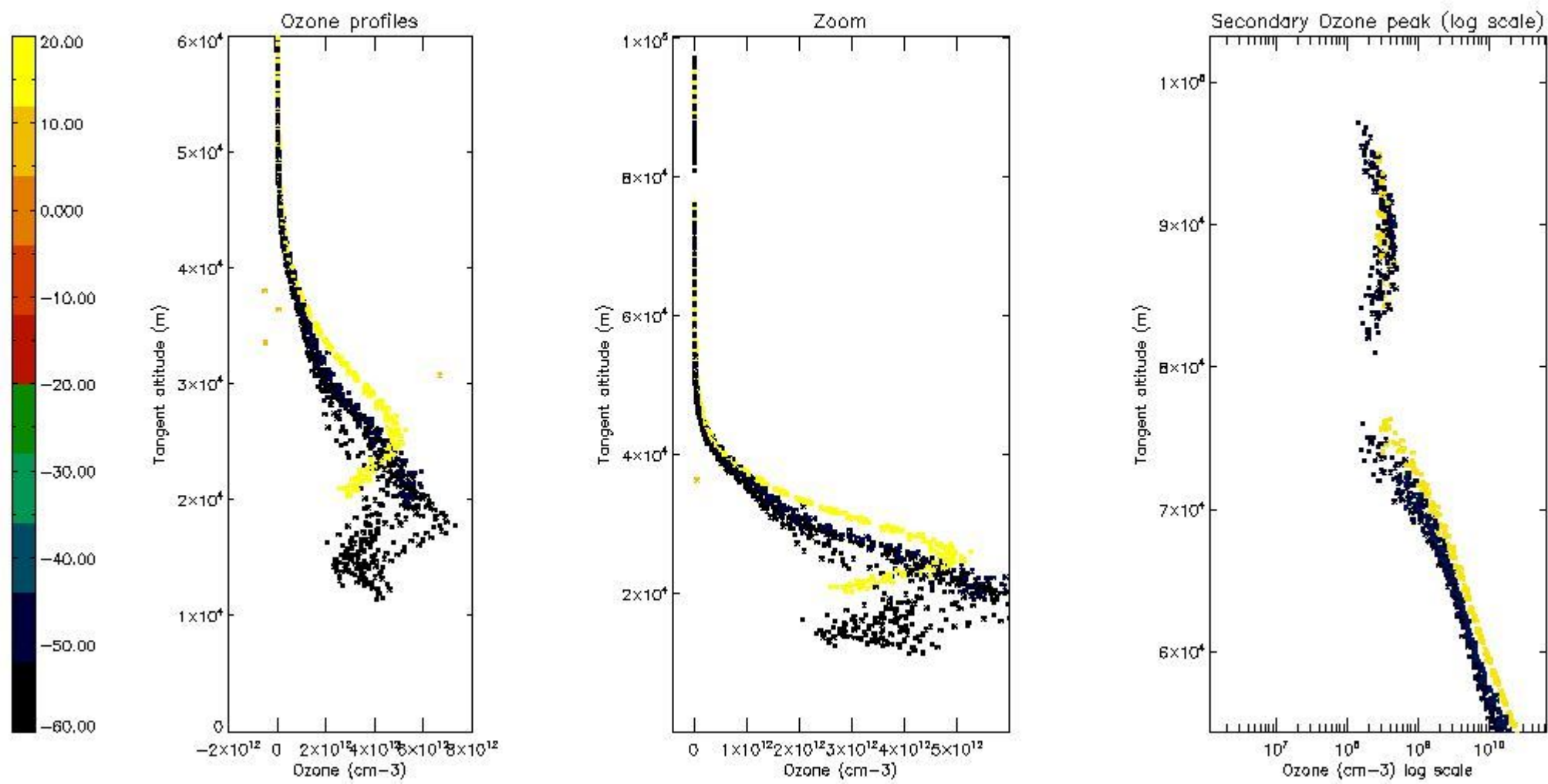
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

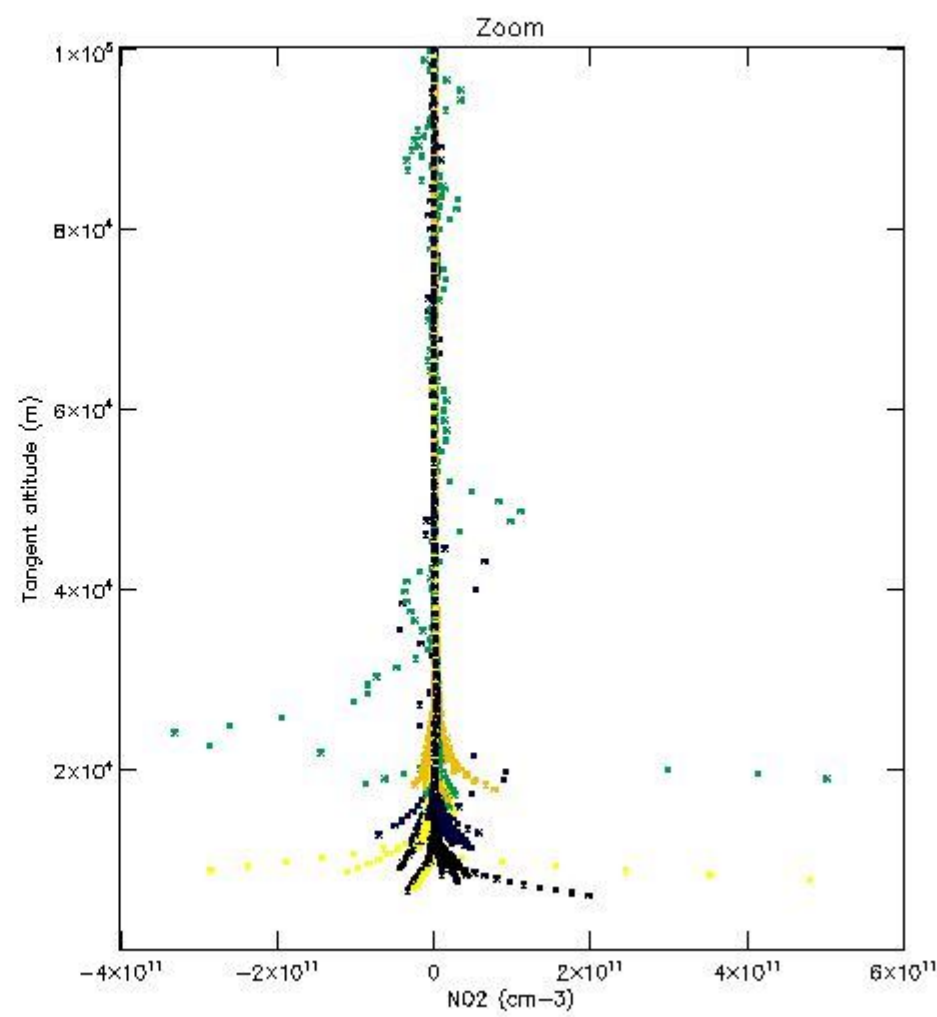
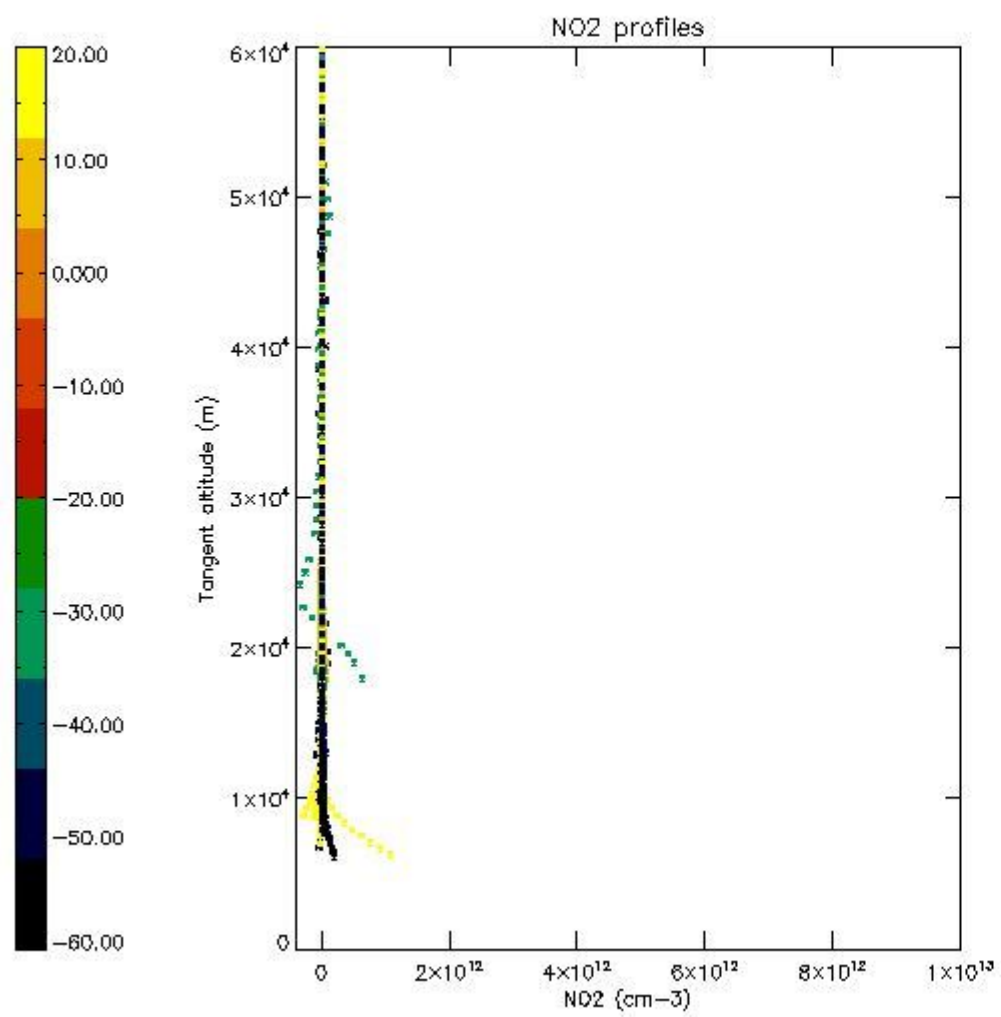
The colorbar represents the latitude.



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

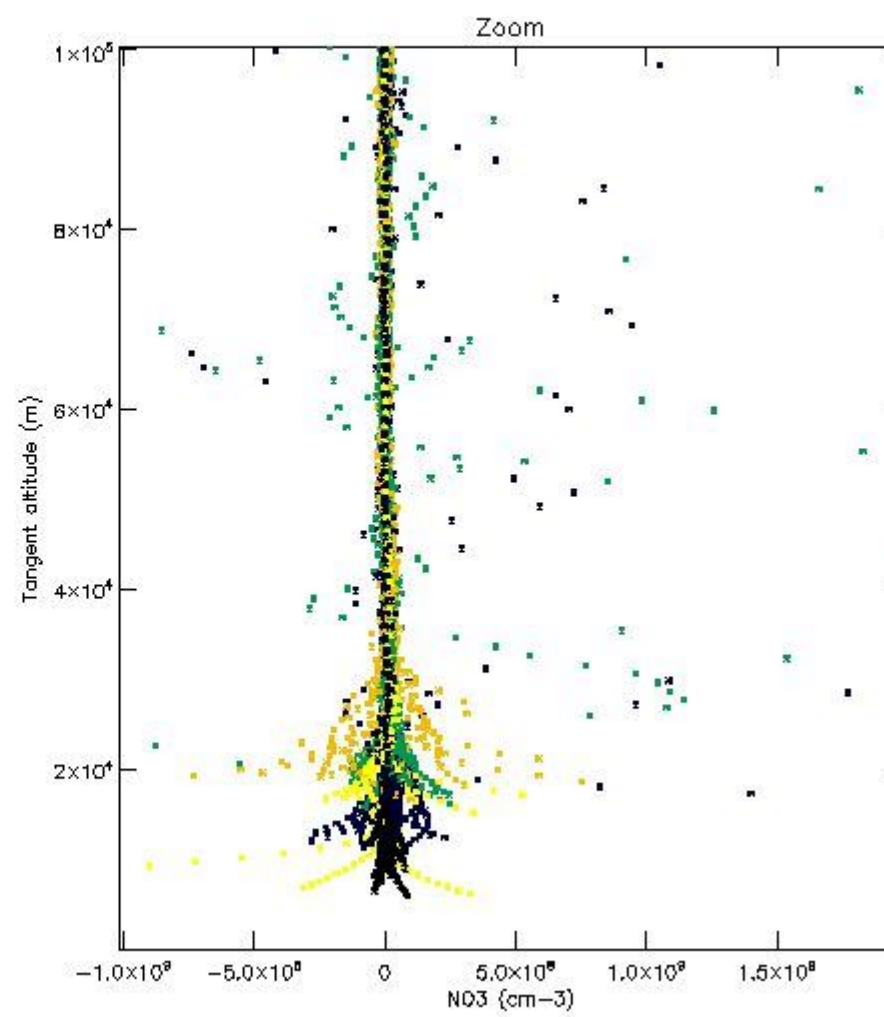
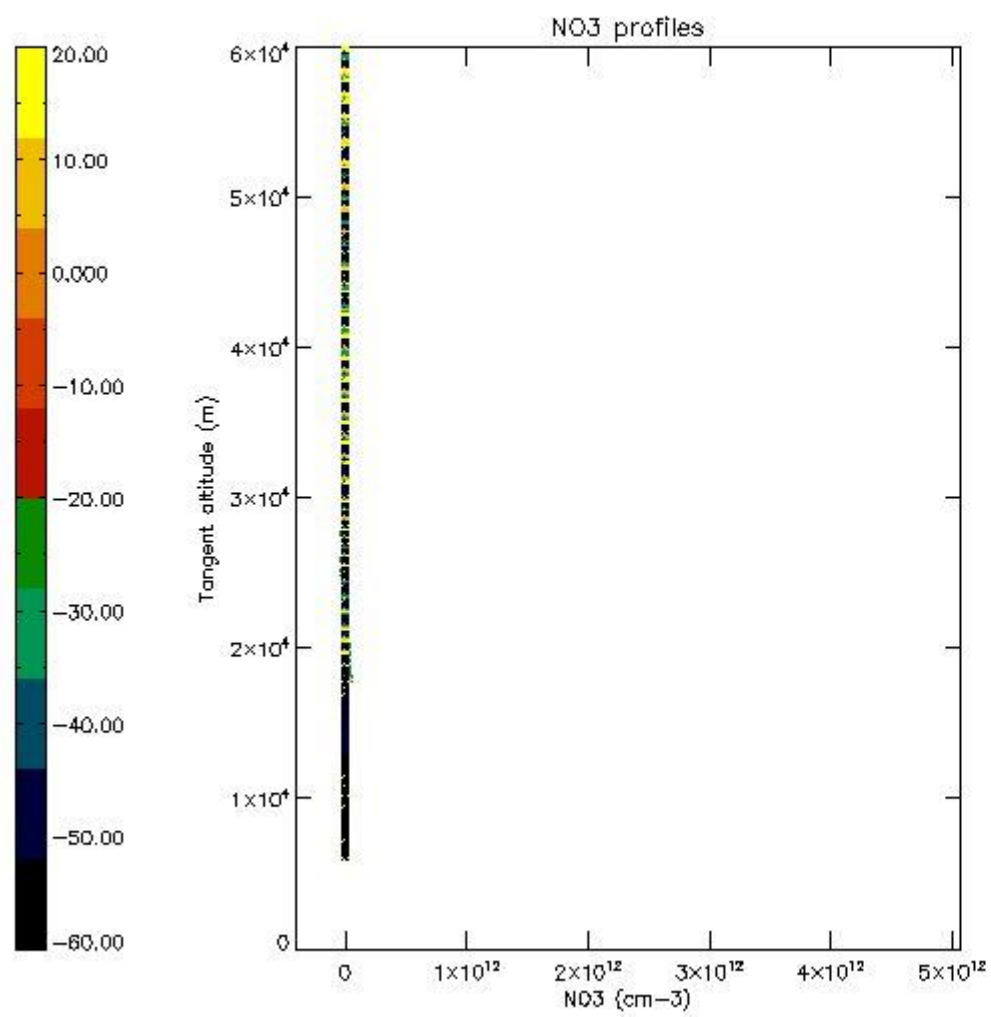
The colorbar represents the latitude.





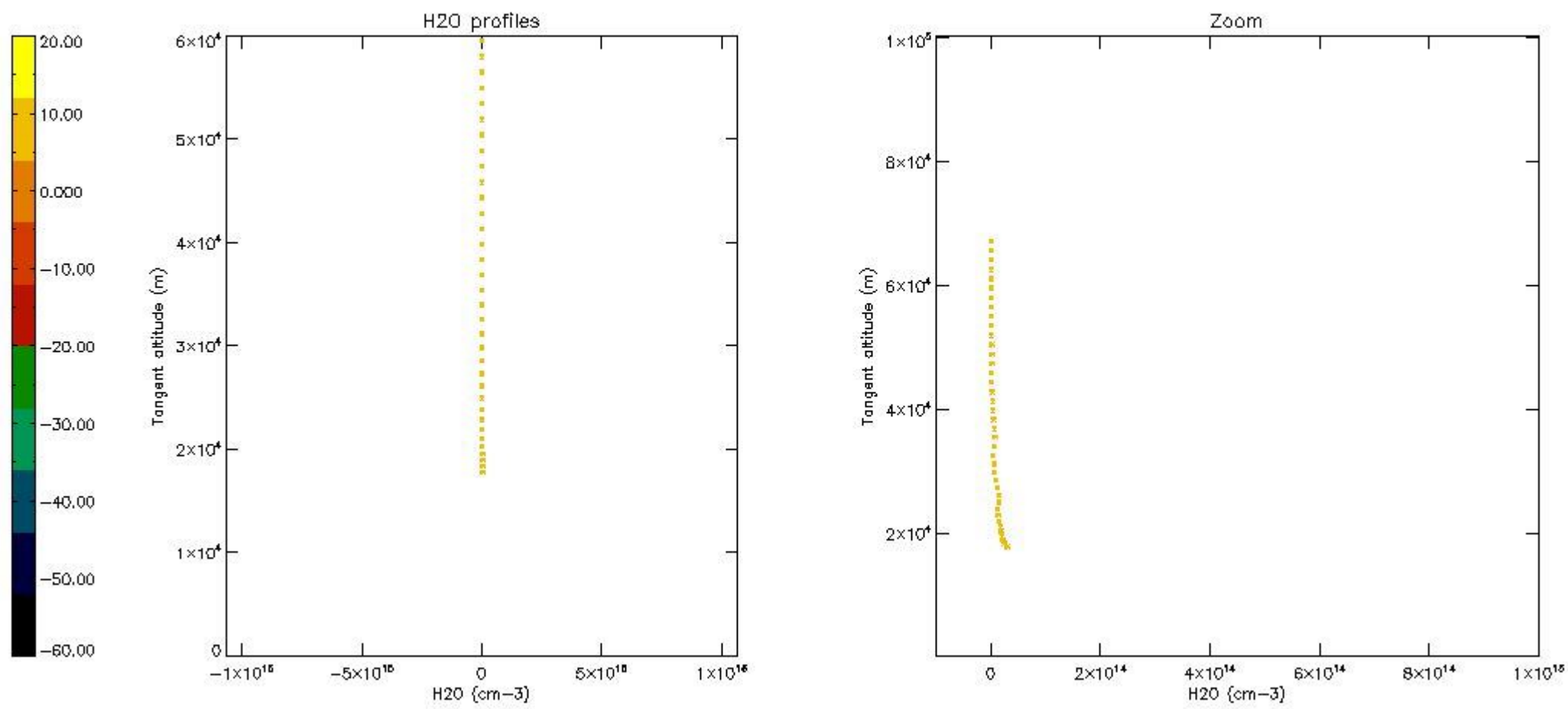
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-SEP-2010 00:00:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-SEP-2010 00:00:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-SEP-2010 00:00:40

# GOMOS Level 2 Daily Report

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### [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	29APR2013 14:57:08
Data source version	GOMOS/6.01
Start time of products	03-09-2010 (03SEP2010 00:00:00)
Stop time of products	04-09-2010 (04SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	264
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100903_000040_000000402092_00345_44487_1096.N1	03-SEP-2010 00:00:40	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44487	No
2	GOM_NL__2PRFIN20100903_000336_000000592092_00345_44487_1097.N1	03-SEP-2010 00:03:36	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44487	No
3	GOM_NL__2PRFIN20100903_000523_000000502092_00345_44487_1098.N1	03-SEP-2010 00:05:23	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	44487	No
4	GOM_NL__2PRFIN20100903_000724_000000452092_00345_44487_1099.N1	03-SEP-2010 00:07:24	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	44487	No
5	GOM_NL__2PRFIN20100903_001511_000000502092_00345_44487_1100.N1	03-SEP-2010 00:15:11	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44487	No
6	GOM_NL__2PRFIN20100903_001754_000000452092_00345_44487_1101.N1	03-SEP-2010 00:17:54	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44487	No
7	GOM_NL__2PRFIN20100903_001934_000000552092_00345_44487_1102.N1	03-SEP-2010 00:19:34	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44487	No
8	GOM_NL__2PRFIN20100903_003458_000000422092_00346_44488_1095.N1	03-SEP-2010 00:34:58	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44488	No
9	GOM_NL__2PRFIN20100903_003616_000000462092_00346_44488_1096.N1	03-SEP-2010 00:36:16	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44488	No
10	GOM_NL__2PRFIN20100903_004213_000000482092_00346_44488_1097.N1	03-SEP-2010 00:42:13	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	44488	No
11	GOM_NL__2PRFIN20100903_004813_000000492092_00346_44488_1098.N1	03-SEP-2010 00:48:13	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44488	No
12	GOM_NL__2PRFIN20100903_005732_000000412092_00346_44488_1099.N1	03-SEP-2010 00:57:32	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44488	No
13	GOM_NL__2PRFIN20100903_010031_000000392092_00346_44488_1100.N1	03-SEP-2010 01:00:31	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44488	No
14	GOM_NL__2PRFIN20100903_010314_000000462092_00346_44488_1101.N1	03-SEP-2010 01:03:14	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44488	No
15	GOM_NL__2PRFIN20100903_010727_000000442092_00346_44488_1102.N1	03-SEP-2010 01:07:27	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44488	No
16	GOM_NL__2PRFIN20100903_011804_000000412092_00346_44488_1103.N1	03-SEP-2010 01:18:04	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44488	No
17	GOM_NL__2PRFIN20100903_012011_000000432092_00346_44488_1104.N1	03-SEP-2010 01:20:11	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44488	No
18	GOM_NL__2PRFIN20100903_013856_000000522092_00346_44488_1105.N1	03-SEP-2010 01:38:56	Bright	52.000	107	37The Aur	2.6490	11000.	104	44488	No
19	GOM_NL__2PRFIN20100903_014116_000000382092_00346_44488_1106.N1	03-SEP-2010 01:41:16	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44488	No
20	GOM_NL__2PRFIN20100903_014412_000000592092_00346_44488_1107.N1	03-SEP-2010 01:44:12	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44488	No
21	GOM_NL__2PRFIN20100903_014559_000000522092_00346_44488_1108.N1	03-SEP-2010 01:45:59	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	44488	No
22	GOM_NL__2PRFIN20100903_014800_000000452092_00346_44488_1109.N1	03-SEP-2010 01:48:00	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	44488	No
23	GOM_NL__2PRFIN20100903_015547_000000532092_00346_44488_1110.N1	03-SEP-2010 01:55:47	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44488	No
24	GOM_NL__2PRFIN20100903_015830_000000452092_00346_44488_1111.N1	03-SEP-2010 01:58:30	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44488	No
25	GOM_NL__2PRFIN20100903_020011_000000562092_00346_44488_1112.N1	03-SEP-2010 02:00:11	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44488	No
26	GOM_NL__2PRFIN20100903_021535_000000402092_00347_44489_1105.N1	03-SEP-2010 02:15:35	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44489	No
27	GOM_NL__2PRFIN20100903_021653_000000482092_00347_44489_1106.N1	03-SEP-2010 02:16:53	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44489	No
28	GOM_NL__2PRFIN20100903_022250_000000472092_00347_44489_1107.N1	03-SEP-2010 02:22:50	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	44489	No
29	GOM_NL__2PRFIN20100903_022849_000000502092_00347_44489_1108.N1	03-SEP-2010 02:28:49	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44489	No
30	GOM_NL__2PRFIN20100903_023808_000000412092_00347_44489_1109.N1	03-SEP-2010 02:38:08	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44489	No
31	GOM_NL__2PRFIN20100903_024107_000000392092_00347_44489_1110.N1	03-SEP-2010 02:41:07	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44489	No
32	GOM_NL__2PRFIN20100903_024350_000000492092_00347_44489_1111.N1	03-SEP-2010 02:43:50	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	44489	No
33	GOM_NL__2PRFIN20100903_024802_000000412092_00347_44489_1112.N1	03-SEP-2010 02:48:02	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44489	No
34	GOM_NL__2PRFIN20100903_025840_000000442092_00347_44489_1113.N1	03-SEP-2010 02:58:40	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44489	No
35	GOM_NL__2PRFIN20100903_030046_000000442092_00347_44489_1114.N1	03-SEP-2010 03:00:46	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44489	No
36	GOM_NL__2PRFIN20100903_031637_000000492092_00347_44489_1115.N1	03-SEP-2010 03:16:37	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44489	No
37	GOM_NL__2PRFIN20100903_031931_000000492092_00347_44489_1116.N1	03-SEP-2010 03:19:31	Bright	49.000	107	37The Aur	2.6490	11000.	98	44489	No
38	GOM_NL__2PRFIN20100903_032152_000000552092_00347_44489_1117.N1	03-SEP-2010 03:21:52	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	44489	No
39	GOM_NL__2PRFIN20100903_032448_000000542092_00347_44489_1118.N1	03-SEP-2010 03:24:48	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44489	No
40	GOM_NL__2PRFIN20100903_032636_000000482092_00347_44489_1119.N1	03-SEP-2010 03:26:36	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	44489	No
41	GOM_NL__2PRFIN20100903_032836_000000532092_00347_44489_1120.N1	03-SEP-2010 03:28:36	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44489	No
42	GOM_NL__2PRFIN20100903_033624_000000512092_00347_44489_1121.N1	03-SEP-2010 03:36:24	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44489	No

43	GOM_NL__2PRFIN20100903_033907_000000412092_00347_44489_1122.N1	03-SEP-2010 03:39:07	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	44489	No
44	GOM_NL__2PRFIN20100903_035611_000000402092_00348_44490_1121.N1	03-SEP-2010 03:56:11	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44490	No
45	GOM_NL__2PRFIN20100903_035729_000000452092_00348_44490_1122.N1	03-SEP-2010 03:57:29	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44490	No
46	GOM_NL__2PRFIN20100903_040327_000000462092_00348_44490_1123.N1	03-SEP-2010 04:03:27	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44490	No
47	GOM_NL__2PRFIN20100903_040926_000000472092_00348_44490_1124.N1	03-SEP-2010 04:09:26	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44490	No
48	GOM_NL__2PRFIN20100903_041844_000000402092_00348_44490_1125.N1	03-SEP-2010 04:18:44	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44490	No
49	GOM_NL__2PRFIN20100903_042143_000000392092_00348_44490_1126.N1	03-SEP-2010 04:21:43	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44490	No
50	GOM_NL__2PRFIN20100903_042426_000000482092_00348_44490_1127.N1	03-SEP-2010 04:24:26	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44490	No
51	GOM_NL__2PRFIN20100903_042838_000000452092_00348_44490_1128.N1	03-SEP-2010 04:28:38	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44490	No
52	GOM_NL__2PRFIN20100903_043915_000000432092_00348_44490_1129.N1	03-SEP-2010 04:39:15	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44490	No
53	GOM_NL__2PRFIN20100903_044121_000000462092_00348_44490_1130.N1	03-SEP-2010 04:41:21	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44490	No
54	GOM_NL__2PRFIN20100903_045713_000000472092_00348_44490_1131.N1	03-SEP-2010 04:57:13	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44490	No
55	GOM_NL__2PRFIN20100903_050007_000000642092_00348_44490_1132.N1	03-SEP-2010 05:00:07	Bright	64.000	107	37The Aur	2.6490	11000.	128	44490	No
56	GOM_NL__2PRFIN20100903_050228_000000392092_00348_44490_1133.N1	03-SEP-2010 05:02:28	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	44490	No
57	GOM_NL__2PRFIN20100903_050525_000000612092_00348_44490_1134.N1	03-SEP-2010 05:05:25	Twi_and_stray	61.000	151	13Mu Gem	2.8900	3000.0	122	44490	No
58	GOM_NL__2PRFIN20100903_050712_000000542092_00348_44490_1135.N1	03-SEP-2010 05:07:12	Twi_and_stray	54.000	44	24Gam Gem	1.9280	11000.	108	44490	No
59	GOM_NL__2PRFIN20100903_050913_000000492092_00348_44490_1136.N1	03-SEP-2010 05:09:13	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	44490	No
60	GOM_NL__2PRFIN20100903_051701_000000562092_00348_44490_1137.N1	03-SEP-2010 05:17:01	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44490	No
61	GOM_NL__2PRFIN20100903_051943_000000462092_00348_44490_1138.N1	03-SEP-2010 05:19:43	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44490	No
62	GOM_NL__2PRFIN20100903_052125_000000562092_00348_44490_1139.N1	03-SEP-2010 05:21:25	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44490	No
63	GOM_NL__2PRFIN20100903_053648_000000392092_00349_44491_1155.N1	03-SEP-2010 05:36:48	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44491	No
64	GOM_NL__2PRFIN20100903_053806_000000462092_00349_44491_1156.N1	03-SEP-2010 05:38:06	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44491	No
65	GOM_NL__2PRFIN20100903_054403_000000462092_00349_44491_1157.N1	03-SEP-2010 05:44:03	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44491	No
66	GOM_NL__2PRFIN20100903_055002_000000482092_00349_44491_1158.N1	03-SEP-2010 05:50:02	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44491	No
67	GOM_NL__2PRFIN20100903_055920_000000412092_00349_44491_1159.N1	03-SEP-2010 05:59:20	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44491	No
68	GOM_NL__2PRFIN20100903_060220_000000372092_00349_44491_1160.N1	03-SEP-2010 06:02:20	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44491	No
69	GOM_NL__2PRFIN20100903_060501_000000452092_00349_44491_1161.N1	03-SEP-2010 06:05:01	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44491	No
70	GOM_NL__2PRFIN20100903_060913_000000422092_00349_44491_1162.N1	03-SEP-2010 06:09:13	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44491	No
71	GOM_NL__2PRFIN20100903_061951_000000452092_00349_44491_1163.N1	03-SEP-2010 06:19:51	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44491	No
72	GOM_NL__2PRFIN20100903_062156_000000482092_00349_44491_1164.N1	03-SEP-2010 06:21:56	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	44491	No
73	GOM_NL__2PRFIN20100903_063749_000000472092_00349_44491_1165.N1	03-SEP-2010 06:37:49	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44491	No
74	GOM_NL__2PRFIN20100903_064044_000000492092_00349_44491_1166.N1	03-SEP-2010 06:40:44	Bright	48.500	107	37The Aur	2.6490	11000.	97	44491	No
75	GOM_NL__2PRFIN20100903_064304_000000392092_00349_44491_1167.N1	03-SEP-2010 06:43:04	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44491	No
76	GOM_NL__2PRFIN20100903_064601_000000672092_00349_44491_1168.N1	03-SEP-2010 06:46:01	Twi_and_stray	67.000	151	13Mu Gem	2.8900	3000.0	134	44491	No
77	GOM_NL__2PRFIN20100903_064749_000000532092_00349_44491_1169.N1	03-SEP-2010 06:47:49	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	44491	No
78	GOM_NL__2PRFIN20100903_064949_000000432092_00349_44491_1170.N1	03-SEP-2010 06:49:49	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	44491	No
79	GOM_NL__2PRFIN20100903_065737_000000532092_00349_44491_1171.N1	03-SEP-2010 06:57:37	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44491	No
80	GOM_NL__2PRFIN20100903_070020_000000442092_00349_44491_1172.N1	03-SEP-2010 07:00:20	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44491	No
81	GOM_NL__2PRFIN20100903_070203_000000582092_00349_44491_1173.N1	03-SEP-2010 07:02:03	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44491	No
82	GOM_NL__2PRFIN20100903_071725_000000402092_00350_44492_1184.N1	03-SEP-2010 07:17:25	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44492	No
83	GOM_NL__2PRFIN20100903_071843_000000542092_00350_44492_1185.N1	03-SEP-2010 07:18:43	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44492	No
84	GOM_NL__2PRFIN20100903_072439_000000542092_00350_44492_1186.N1	03-SEP-2010 07:24:39	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44492	No
85	GOM_NL__2PRFIN20100903_073038_000000492092_00350_44492_1187.N1	03-SEP-2010 07:30:38	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44492	No
86	GOM_NL__2PRFIN20100903_073956_000000402092_00350_44492_1188.N1	03-SEP-2010 07:39:56	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44492	No
87	GOM_NL__2PRFIN20100903_074255_000000432092_00350_44492_1189.N1	03-SEP-2010 07:42:55	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44492	No
88	GOM_NL__2PRFIN20100903_074536_000000472092_00350_44492_1190.N1	03-SEP-2010 07:45:36	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	44492	No
89	GOM_NL__2PRFIN20100903_074949_000000432092_00350_44492_1191.N1	03-SEP-2010 07:49:49	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44492	No
90	GOM_NL__2PRFIN20100903_080026_000000422092_00350_44492_1192.N1	03-SEP-2010 08:00:26	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44492	No
91	GOM_NL__2PRFIN20100903_080232_000000442092_00350_44492_1193.N1	03-SEP-2010 08:02:32	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44492	No
92	GOM_NL__2PRFIN20100903_081825_000000672092_00350_44492_1194.N1	03-SEP-2010 08:18:25	Bright	67.000	42	34Bet Aur	1.9000	10200.	134	44492	No
93	GOM_NL__2PRFIN20100903_082120_000000712092_00350_44492_1195.N1	03-SEP-2010 08:21:20	Bright	71.000	107	37The Aur	2.6490	11000.	142	44492	No
94	GOM_NL__2PRFIN20100903_082341_000000392092_00350_44492_1196.N1	03-SEP-2010 08:23:41	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44492	No
95	GOM_NL__2PRFIN20100903_082637_000000592092_00350_44492_1197.N1	03-SEP-2010 08:26:37	Twi_and_stray	58.500	151	13Mu Gem	2.8900	3000.0	117	44492	No
96	GOM_NL__2PRFIN20100903_082825_000000502092_00350_44492_1198.N1	03-SEP-2010 08:28:25	Twi_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44492	No
97	GOM_NL__2PRFIN20100903_083025_000000512092_00350_44492_1199.N1	03-SEP-2010 08:30:25	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	44492	No
98	GOM_NL__2PRFIN20100903_083814_000000472092_00350_44492_1200.N1	03-SEP-2010 08:38:14	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	44492	No
99	GOM_NL__2PRFIN20100903_084056_000000452092_00350_44492_1201.N1	03-SEP-2010 08:40:56	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44492	No
100	GOM_NL__2PRFIN20100903_084240_000000542092_00350_44492_1202.N1	03-SEP-2010 08:42:40	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44492	No
101	GOM_NL__2PRFIN20100903_085801_000000392092_00351_44493_1222.N1	03-SEP-2010 08:58:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44493	No

102	GOM_NL__2PRFIN20100903_085919_000000512092_00351_44493_1223.N1	03-SEP-2010 08:59:19	Dark	50.500	9	Alp Eri	0.45300	24000.	101	44493	No
103	GOM_NL__2PRFIN20100903_090516_000000502092_00351_44493_1224.N1	03-SEP-2010 09:05:16	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44493	No
104	GOM_NL__2PRFIN20100903_091114_000000462092_00351_44493_1225.N1	03-SEP-2010 09:11:14	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44493	No
105	GOM_NL__2PRFIN20100903_092032_000000412092_00351_44493_1226.N1	03-SEP-2010 09:20:32	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44493	No
106	GOM_NL__2PRFIN20100903_092331_000000382092_00351_44493_1227.N1	03-SEP-2010 09:23:31	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44493	No
107	GOM_NL__2PRFIN20100903_092612_000000482092_00351_44493_1228.N1	03-SEP-2010 09:26:12	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44493	No
108	GOM_NL__2PRFIN20100903_093024_000000432092_00351_44493_1229.N1	03-SEP-2010 09:30:24	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44493	No
109	GOM_NL__2PRFIN20100903_094101_000000432092_00351_44493_1230.N1	03-SEP-2010 09:41:01	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44493	No
110	GOM_NL__2PRFIN20100903_094307_000000462092_00351_44493_1231.N1	03-SEP-2010 09:43:07	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44493	No
111	GOM_NL__2PRFIN20100903_095901_000000482092_00351_44493_1232.N1	03-SEP-2010 09:59:01	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44493	No
112	GOM_NL__2PRFIN20100903_100155_000000492092_00351_44493_1233.N1	03-SEP-2010 10:01:55	Bright	48.500	107	37The Aur	2.6490	11000.	97	44493	No
113	GOM_NL__2PRFIN20100903_100417_000000552092_00351_44493_1234.N1	03-SEP-2010 10:04:17	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	44493	No
114	GOM_NL__2PRFIN20100903_100714_000000592092_00351_44493_1235.N1	03-SEP-2010 10:07:14	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44493	No
115	GOM_NL__2PRFIN20100903_100902_000000532092_00351_44493_1236.N1	03-SEP-2010 10:09:02	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44493	No
116	GOM_NL__2PRFIN20100903_101101_000000552092_00351_44493_1237.N1	03-SEP-2010 10:11:01	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44493	No
117	GOM_NL__2PRFIN20100903_101850_000000522092_00351_44493_1238.N1	03-SEP-2010 10:18:50	Dark	52.000	1	9Alp CMA	-1.4400	11000.	104	44493	No
118	GOM_NL__2PRFIN20100903_102133_000000412092_00351_44493_1239.N1	03-SEP-2010 10:21:33	Dark	40.500	23	21Eps CMA	1.5020	26000.	81	44493	No
119	GOM_NL__2PRFIN20100903_102317_000000552092_00351_44493_1240.N1	03-SEP-2010 10:23:17	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44493	No
120	GOM_NL__2PRFIN20100903_103837_000000402092_00352_44494_1257.N1	03-SEP-2010 10:38:37	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44494	No
121	GOM_NL__2PRFIN20100903_103956_000000532092_00352_44494_1258.N1	03-SEP-2010 10:39:56	Dark	52.500	9	Alp Eri	0.45300	24000.	105	44494	No
122	GOM_NL__2PRFIN20100903_104552_000000492092_00352_44494_1259.N1	03-SEP-2010 10:45:52	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44494	No
123	GOM_NL__2PRFIN20100903_105150_000000462092_00352_44494_1260.N1	03-SEP-2010 10:51:50	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44494	No
124	GOM_NL__2PRFIN20100903_110108_000000402092_00352_44494_1261.N1	03-SEP-2010 11:01:08	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44494	No
125	GOM_NL__2PRFIN20100903_110407_000000392092_00352_44494_1262.N1	03-SEP-2010 11:04:07	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44494	No
126	GOM_NL__2PRFIN20100903_110647_000000452092_00352_44494_1263.N1	03-SEP-2010 11:06:47	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44494	No
127	GOM_NL__2PRFIN20100903_111059_000000452092_00352_44494_1264.N1	03-SEP-2010 11:10:59	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44494	No
128	GOM_NL__2PRFIN20100903_112136_000000442092_00352_44494_1265.N1	03-SEP-2010 11:21:36	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44494	No
129	GOM_NL__2PRFIN20100903_112342_000000442092_00352_44494_1266.N1	03-SEP-2010 11:23:42	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44494	No
130	GOM_NL__2PRFIN20100903_113936_000000502092_00352_44494_1267.N1	03-SEP-2010 11:39:36	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44494	No
131	GOM_NL__2PRFIN20100903_114231_000000502092_00352_44494_1268.N1	03-SEP-2010 11:42:31	Bright	49.500	107	37The Aur	2.6490	11000.	99	44494	No
132	GOM_NL__2PRFIN20100903_114453_000000402092_00352_44494_1269.N1	03-SEP-2010 11:44:53	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44494	No
133	GOM_NL__2PRFIN20100903_114750_000000652092_00352_44494_1270.N1	03-SEP-2010 11:47:50	Twilight	65.000	151	13Mu Gem	2.8900	3000.0	130	44494	No
134	GOM_NL__2PRFIN20100903_114938_000000512092_00352_44494_1271.N1	03-SEP-2010 11:49:38	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	44494	No
135	GOM_NL__2PRFIN20100903_115138_000000552092_00352_44494_1272.N1	03-SEP-2010 11:51:38	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	44494	No
136	GOM_NL__2PRFIN20100903_115927_000000522092_00352_44494_1273.N1	03-SEP-2010 11:59:27	Dark	52.000	1	9Alp CMA	-1.4400	11000.	104	44494	No
137	GOM_NL__2PRFIN20100903_120209_000000452092_00352_44494_1274.N1	03-SEP-2010 12:02:09	Dark	45.000	23	21Eps CMA	1.5020	26000.	90	44494	No
138	GOM_NL__2PRFIN20100903_120354_000000562092_00352_44494_1275.N1	03-SEP-2010 12:03:54	Dark	55.500	101	11Alp Lep	2.5820	7000.0	111	44494	No
139	GOM_NL__2PRFIN20100903_121914_000000412092_00353_44495_1288.N1	03-SEP-2010 12:19:14	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44495	No
140	GOM_NL__2PRFIN20100903_122032_000000462092_00353_44495_1289.N1	03-SEP-2010 12:20:32	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44495	No
141	GOM_NL__2PRFIN20100903_122629_000000482092_00353_44495_1290.N1	03-SEP-2010 12:26:29	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44495	No
142	GOM_NL__2PRFIN20100903_123227_000000482092_00353_44495_1291.N1	03-SEP-2010 12:32:27	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44495	No
143	GOM_NL__2PRFIN20100903_124143_000000402092_00353_44495_1292.N1	03-SEP-2010 12:41:43	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44495	No
144	GOM_NL__2PRFIN20100903_124443_000000372092_00353_44495_1293.N1	03-SEP-2010 12:44:43	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44495	No
145	GOM_NL__2PRFIN20100903_124723_000000452092_00353_44495_1294.N1	03-SEP-2010 12:47:23	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44495	No
146	GOM_NL__2PRFIN20100903_125135_000000452092_00353_44495_1295.N1	03-SEP-2010 12:51:35	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44495	No
147	GOM_NL__2PRFIN20100903_130212_000000452092_00353_44495_1296.N1	03-SEP-2010 13:02:12	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44495	No
148	GOM_NL__2PRFIN20100903_130417_000000452092_00353_44495_1297.N1	03-SEP-2010 13:04:17	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44495	No
149	GOM_NL__2PRFIN20100903_132012_000000472092_00353_44495_1298.N1	03-SEP-2010 13:20:12	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44495	No
150	GOM_NL__2PRFIN20100903_132307_000000712092_00353_44495_1299.N1	03-SEP-2010 13:23:07	Bright	71.000	107	37The Aur	2.6490	11000.	142	44495	No
151	GOM_NL__2PRFIN20100903_132529_000000402092_00353_44495_1300.N1	03-SEP-2010 13:25:29	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44495	No
152	GOM_NL__2PRFIN20100903_132826_000000562092_00353_44495_1301.N1	03-SEP-2010 13:28:26	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	44495	No
153	GOM_NL__2PRFIN20100903_133014_000000502092_00353_44495_1302.N1	03-SEP-2010 13:30:14	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	44495	No
154	GOM_NL__2PRFIN20100903_133214_000000512092_00353_44495_1303.N1	03-SEP-2010 13:32:14	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	44495	No
155	GOM_NL__2PRFIN20100903_134004_000000512092_00353_44495_1304.N1	03-SEP-2010 13:40:04	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	44495	No
156	GOM_NL__2PRFIN20100903_134246_000000432092_00353_44495_1305.N1	03-SEP-2010 13:42:46	Dark	42.500	23	21Eps CMA	1.5020	26000.	85	44495	No
157	GOM_NL__2PRFIN20100903_134431_000000572092_00353_44495_1306.N1	03-SEP-2010 13:44:31	Dark	56.500	101	11Alp Lep	2.5820	7000.0	113	44495	No
158	GOM_NL__2PRFIN20100903_135950_000000412092_00354_44496_1316.N1	03-SEP-2010 13:59:50	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44496	No
159	GOM_NL__2PRFIN20100903_140108_000000452092_00354_44496_1317.N1	03-SEP-2010 14:01:08	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44496	No
160	GOM_NL__2PRFIN20100903_140705_000000492092_00354_44496_1318.N1	03-SEP-2010 14:07:05	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44496	No

161	GOM_NL__2PRFIN20100903_141303_000000522092_00354_44496_1319.N1	03-SEP-2010 14:13:03	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	44496	No
162	GOM_NL__2PRFIN20100903_142220_000000392092_00354_44496_1320.N1	03-SEP-2010 14:22:20	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44496	No
163	GOM_NL__2PRFIN20100903_142519_000000372092_00354_44496_1321.N1	03-SEP-2010 14:25:19	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44496	No
164	GOM_NL__2PRFIN20100903_142758_000000482092_00354_44496_1322.N1	03-SEP-2010 14:27:58	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44496	No
165	GOM_NL__2PRFIN20100903_143211_000000412092_00354_44496_1323.N1	03-SEP-2010 14:32:11	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44496	No
166	GOM_NL__2PRFIN20100903_144247_000000452092_00354_44496_1324.N1	03-SEP-2010 14:42:47	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44496	No
167	GOM_NL__2PRFIN20100903_144453_000000462092_00354_44496_1325.N1	03-SEP-2010 14:44:53	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44496	No
168	GOM_NL__2PRFIN20100903_150048_000000482092_00354_44496_1326.N1	03-SEP-2010 15:00:48	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44496	No
169	GOM_NL__2PRFIN20100903_150501_000000392092_00354_44496_1327.N1	03-SEP-2010 15:05:01	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	44496	No
170	GOM_NL__2PRFIN20100903_150902_000000582092_00354_44496_1328.N1	03-SEP-2010 15:09:02	Twi_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44496	No
171	GOM_NL__2PRFIN20100903_151050_000000512092_00354_44496_1329.N1	03-SEP-2010 15:10:50	Twi_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	44496	No
172	GOM_NL__2PRFIN20100903_151250_000000552092_00354_44496_1330.N1	03-SEP-2010 15:12:50	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44496	No
173	GOM_NL__2PRFIN20100903_152040_000000542092_00354_44496_1331.N1	03-SEP-2010 15:20:40	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	44496	No
174	GOM_NL__2PRFIN20100903_152322_000000462092_00354_44496_1332.N1	03-SEP-2010 15:23:22	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44496	No
175	GOM_NL__2PRFIN20100903_152508_000000542092_00354_44496_1333.N1	03-SEP-2010 15:25:08	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44496	No
176	GOM_NL__2PRFIN20100903_154027_000000402092_00355_44497_1333.N1	03-SEP-2010 15:40:27	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44497	No
177	GOM_NL__2PRFIN20100903_154145_000000442092_00355_44497_1334.N1	03-SEP-2010 15:41:45	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44497	No
178	GOM_NL__2PRFIN20100903_154742_000000572092_00355_44497_1335.N1	03-SEP-2010 15:47:42	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44497	No
179	GOM_NL__2PRFIN20100903_155339_000000482092_00355_44497_1336.N1	03-SEP-2010 15:53:39	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44497	No
180	GOM_NL__2PRFIN20100903_160255_000000402092_00355_44497_1337.N1	03-SEP-2010 16:02:55	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44497	No
181	GOM_NL__2PRFIN20100903_160555_000000382092_00355_44497_1338.N1	03-SEP-2010 16:05:55	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44497	No
182	GOM_NL__2PRFIN20100903_160834_000000492092_00355_44497_1339.N1	03-SEP-2010 16:08:34	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	44497	No
183	GOM_NL__2PRFIN20100903_161246_000000432092_00355_44497_1340.N1	03-SEP-2010 16:12:46	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44497	No
184	GOM_NL__2PRFIN20100903_162323_000000422092_00355_44497_1341.N1	03-SEP-2010 16:23:23	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44497	No
185	GOM_NL__2PRFIN20100903_162528_000000462092_00355_44497_1342.N1	03-SEP-2010 16:25:28	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44497	No
186	GOM_NL__2PRFIN20100903_164124_000000492092_00355_44497_1343.N1	03-SEP-2010 16:41:24	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44497	No
187	GOM_NL__2PRFIN20100903_164537_000000392092_00355_44497_1344.N1	03-SEP-2010 16:45:37	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44497	No
188	GOM_NL__2PRFIN20100903_164939_000000602092_00355_44497_1345.N1	03-SEP-2010 16:49:39	Twi_and_stray	59.500	151	13Mu Gem	2.8900	3000.0	119	44497	No
189	GOM_NL__2PRFIN20100903_165127_000000522092_00355_44497_1346.N1	03-SEP-2010 16:51:27	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	44497	No
190	GOM_NL__2PRFIN20100903_165327_000000552092_00355_44497_1347.N1	03-SEP-2010 16:53:27	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44497	No
191	GOM_NL__2PRFIN20100903_170117_000000532092_00355_44497_1348.N1	03-SEP-2010 17:01:17	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	44497	No
192	GOM_NL__2PRFIN20100903_170358_000000472092_00355_44497_1349.N1	03-SEP-2010 17:03:58	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44497	No
193	GOM_NL__2PRFIN20100903_170546_000000592092_00355_44497_1350.N1	03-SEP-2010 17:05:46	Dark	59.000	101	11Alp Lep	2.5820	7000.0	118	44497	No
194	GOM_NL__2PRFIN20100903_172103_000000412092_00356_44498_1400.N1	03-SEP-2010 17:21:03	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44498	No
195	GOM_NL__2PRFIN20100903_172222_000000442092_00356_44498_1401.N1	03-SEP-2010 17:22:22	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44498	No
196	GOM_NL__2PRFIN20100903_172818_000000552092_00356_44498_1402.N1	03-SEP-2010 17:28:18	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44498	No
197	GOM_NL__2PRFIN20100903_173415_000000472092_00356_44498_1403.N1	03-SEP-2010 17:34:15	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44498	No
198	GOM_NL__2PRFIN20100903_174331_000000412092_00356_44498_1404.N1	03-SEP-2010 17:43:31	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44498	No
199	GOM_NL__2PRFIN20100903_174630_000000382092_00356_44498_1405.N1	03-SEP-2010 17:46:30	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	44498	No
200	GOM_NL__2PRFIN20100903_174909_000000482092_00356_44498_1406.N1	03-SEP-2010 17:49:09	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44498	No
201	GOM_NL__2PRFIN20100903_175322_000000432092_00356_44498_1407.N1	03-SEP-2010 17:53:22	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44498	No
202	GOM_NL__2PRFIN20100903_180358_000000442092_00356_44498_1408.N1	03-SEP-2010 18:03:58	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44498	No
203	GOM_NL__2PRFIN20100903_180603_000000452092_00356_44498_1409.N1	03-SEP-2010 18:06:03	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44498	No
204	GOM_NL__2PRFIN20100903_182200_000000492092_00356_44498_1410.N1	03-SEP-2010 18:22:00	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44498	No
205	GOM_NL__2PRFIN20100903_182614_000000382092_00356_44498_1411.N1	03-SEP-2010 18:26:14	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	44498	No
206	GOM_NL__2PRFIN20100903_183015_000000662092_00356_44498_1412.N1	03-SEP-2010 18:30:15	Twi_and_stray	65.500	151	13Mu Gem	2.8900	3000.0	131	44498	No
207	GOM_NL__2PRFIN20100903_183203_000000542092_00356_44498_1413.N1	03-SEP-2010 18:32:03	Twi_and_stray	53.500	44	24Gam Gem	1.9280	11000.	107	44498	No
208	GOM_NL__2PRFIN20100903_183403_000000542092_00356_44498_1414.N1	03-SEP-2010 18:34:03	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	44498	No
209	GOM_NL__2PRFIN20100903_184154_000000552092_00356_44498_1415.N1	03-SEP-2010 18:41:54	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44498	No
210	GOM_NL__2PRFIN20100903_184435_000000452092_00356_44498_1416.N1	03-SEP-2010 18:44:35	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44498	No
211	GOM_NL__2PRFIN20100903_184623_000000582092_00356_44498_1417.N1	03-SEP-2010 18:46:23	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44498	No
212	GOM_NL__2PRFIN20100903_190140_000000402092_00357_44499_1428.N1	03-SEP-2010 19:01:40	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44499	No
213	GOM_NL__2PRFIN20100903_190258_000000502092_00357_44499_1429.N1	03-SEP-2010 19:02:58	Dark	50.000	9	Alp Eri	0.45300	24000.	100	44499	No
214	GOM_NL__2PRFIN20100903_190855_000000532092_00357_44499_1430.N1	03-SEP-2010 19:08:55	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44499	No
215	GOM_NL__2PRFIN20100903_191452_000000472092_00357_44499_1431.N1	03-SEP-2010 19:14:52	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44499	No
216	GOM_NL__2PRFIN20100903_192407_000000402092_00357_44499_1432.N1	03-SEP-2010 19:24:07	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44499	No
217	GOM_NL__2PRFIN20100903_192706_000000392092_00357_44499_1433.N1	03-SEP-2010 19:27:06	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44499	No
218	GOM_NL__2PRFIN20100903_192945_000000482092_00357_44499_1434.N1	03-SEP-2010 19:29:45	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44499	No
219	GOM_NL__2PRFIN20100903_193357_000000412092_00357_44499_1435.N1	03-SEP-2010 19:33:57	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44499	No

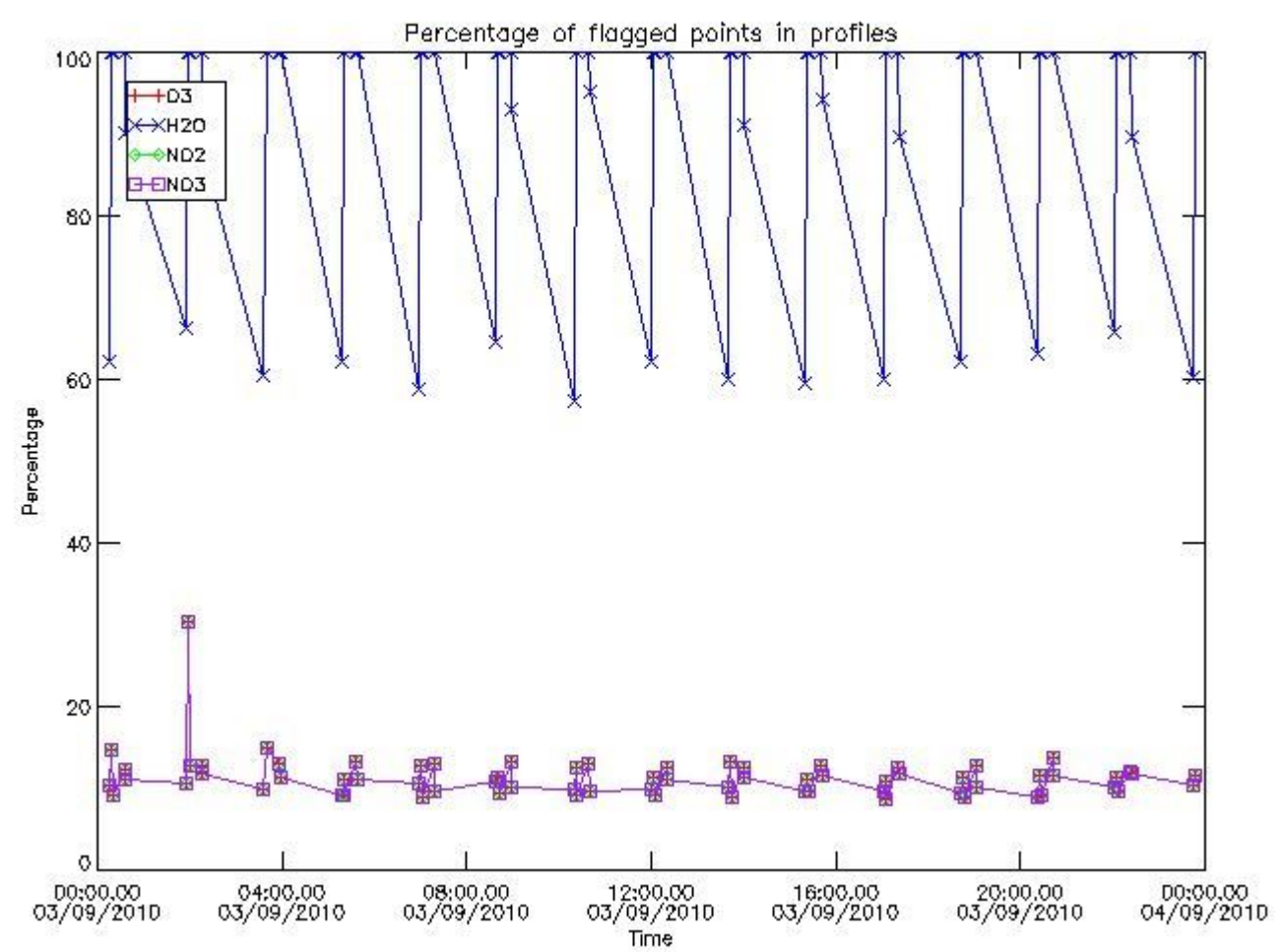


220	GOM_NL__2PRFIN20100903_194433_000000452092_00357_44499_1436.N1	03-SEP-2010 19:44:33	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44499	No
221	GOM_NL__2PRFIN20100903_194638_000000452092_00357_44499_1437.N1	03-SEP-2010 19:46:38	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44499	No
222	GOM_NL__2PRFIN20100903_200235_000000492092_00357_44499_1438.N1	03-SEP-2010 20:02:35	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44499	No
223	GOM_NL__2PRFIN20100903_200650_000000392092_00357_44499_1439.N1	03-SEP-2010 20:06:50	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44499	No
224	GOM_NL__2PRFIN20100903_201051_000000582092_00357_44499_1440.N1	03-SEP-2010 20:10:51	Twi_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44499	No
225	GOM_NL__2PRFIN20100903_201240_000000522092_00357_44499_1441.N1	03-SEP-2010 20:12:40	Twi_and_stray	52.000	44	24Gam Gem	1.9280	11000.	104	44499	No
226	GOM_NL__2PRFIN20100903_201439_000000532092_00357_44499_1442.N1	03-SEP-2010 20:14:39	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	44499	No
227	GOM_NL__2PRFIN20100903_202230_000000582092_00357_44499_1443.N1	03-SEP-2010 20:22:30	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	44499	No
228	GOM_NL__2PRFIN20100903_202511_000000452092_00357_44499_1444.N1	03-SEP-2010 20:25:11	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	44499	No
229	GOM_NL__2PRFIN20100903_202700_000000562092_00357_44499_1445.N1	03-SEP-2010 20:27:00	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44499	No
230	GOM_NL__2PRFIN20100903_204216_000000412092_00358_44500_1463.N1	03-SEP-2010 20:42:16	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44500	No
231	GOM_NL__2PRFIN20100903_204335_000000442092_00358_44500_1464.N1	03-SEP-2010 20:43:35	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44500	No
232	GOM_NL__2PRFIN20100903_204931_000000512092_00358_44500_1465.N1	03-SEP-2010 20:49:31	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44500	No
233	GOM_NL__2PRFIN20100903_205528_000000492092_00358_44500_1466.N1	03-SEP-2010 20:55:28	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44500	No
234	GOM_NL__2PRFIN20100903_210443_000000402092_00358_44500_1467.N1	03-SEP-2010 21:04:43	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44500	No
235	GOM_NL__2PRFIN20100903_210742_000000402092_00358_44500_1468.N1	03-SEP-2010 21:07:42	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44500	No
236	GOM_NL__2PRFIN20100903_211020_000000462092_00358_44500_1469.N1	03-SEP-2010 21:10:20	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44500	No
237	GOM_NL__2PRFIN20100903_211433_000000432092_00358_44500_1470.N1	03-SEP-2010 21:14:33	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44500	No
238	GOM_NL__2PRFIN20100903_212509_000000482092_00358_44500_1471.N1	03-SEP-2010 21:25:09	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	44500	No
239	GOM_NL__2PRFIN20100903_212714_000000432092_00358_44500_1472.N1	03-SEP-2010 21:27:14	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44500	No
240	GOM_NL__2PRFIN20100903_214311_000000482092_00358_44500_1473.N1	03-SEP-2010 21:43:11	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44500	No
241	GOM_NL__2PRFIN20100903_214726_000000502092_00358_44500_1474.N1	03-SEP-2010 21:47:26	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	44500	No
242	GOM_NL__2PRFIN20100903_215128_000000622092_00358_44500_1475.N1	03-SEP-2010 21:51:28	Twi_and_stray	62.000	151	13Mu Gem	2.8900	3000.0	124	44500	No
243	GOM_NL__2PRFIN20100903_215316_000000532092_00358_44500_1476.N1	03-SEP-2010 21:53:16	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	44500	No
244	GOM_NL__2PRFIN20100903_215515_000000472092_00358_44500_1477.N1	03-SEP-2010 21:55:15	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	44500	No
245	GOM_NL__2PRFIN20100903_220307_000000502092_00358_44500_1478.N1	03-SEP-2010 22:03:07	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44500	No
246	GOM_NL__2PRFIN20100903_220548_000000452092_00358_44500_1479.N1	03-SEP-2010 22:05:48	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44500	No
247	GOM_NL__2PRFIN20100903_220738_000000582092_00358_44500_1480.N1	03-SEP-2010 22:07:38	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44500	No
248	GOM_NL__2PRFIN20100903_222252_000000432092_00359_44501_1497.N1	03-SEP-2010 22:22:52	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	44501	No
249	GOM_NL__2PRFIN20100903_222412_000000442092_00359_44501_1498.N1	03-SEP-2010 22:24:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44501	No
250	GOM_NL__2PRFIN20100903_223008_000000532092_00359_44501_1499.N1	03-SEP-2010 22:30:08	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44501	No
251	GOM_NL__2PRFIN20100903_223604_000000552092_00359_44501_1500.N1	03-SEP-2010 22:36:04	Straylight	54.500	18	24Alp PsA	1.1660	9700.0	109	44501	No
252	GOM_NL__2PRFIN20100903_224519_000000392092_00359_44501_1501.N1	03-SEP-2010 22:45:19	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44501	No
253	GOM_NL__2PRFIN20100903_224818_000000372092_00359_44501_1502.N1	03-SEP-2010 22:48:18	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44501	No
254	GOM_NL__2PRFIN20100903_225056_000000482092_00359_44501_1503.N1	03-SEP-2010 22:50:56	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44501	No
255	GOM_NL__2PRFIN20100903_225508_000000442092_00359_44501_1504.N1	03-SEP-2010 22:55:08	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44501	No
256	GOM_NL__2PRFIN20100903_230544_000000502092_00359_44501_1505.N1	03-SEP-2010 23:05:44	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	44501	No
257	GOM_NL__2PRFIN20100903_230749_000000462092_00359_44501_1506.N1	03-SEP-2010 23:07:49	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44501	No
258	GOM_NL__2PRFIN20100903_232347_000000482092_00359_44501_1507.N1	03-SEP-2010 23:23:47	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44501	No
259	GOM_NL__2PRFIN20100903_232802_000000382092_00359_44501_1508.N1	03-SEP-2010 23:28:02	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	44501	No
260	GOM_NL__2PRFIN20100903_233204_000000642092_00359_44501_1509.N1	03-SEP-2010 23:32:04	Twi_and_stray	64.000	151	13Mu Gem	2.8900	3000.0	128	44501	No
261	GOM_NL__2PRFIN20100903_233352_000000532092_00359_44501_1510.N1	03-SEP-2010 23:33:52	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	44501	No
262	GOM_NL__2PRFIN20100903_233551_000000552092_00359_44501_1511.N1	03-SEP-2010 23:35:51	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44501	No
263	GOM_NL__2PRFIN20100903_234343_000000502092_00359_44501_1512.N1	03-SEP-2010 23:43:43	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44501	No
264	GOM_NL__2PRFIN20100903_234625_000000442092_00359_44501_1513.N1	03-SEP-2010 23:46:25	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44501	No

### 3. Quality information per product

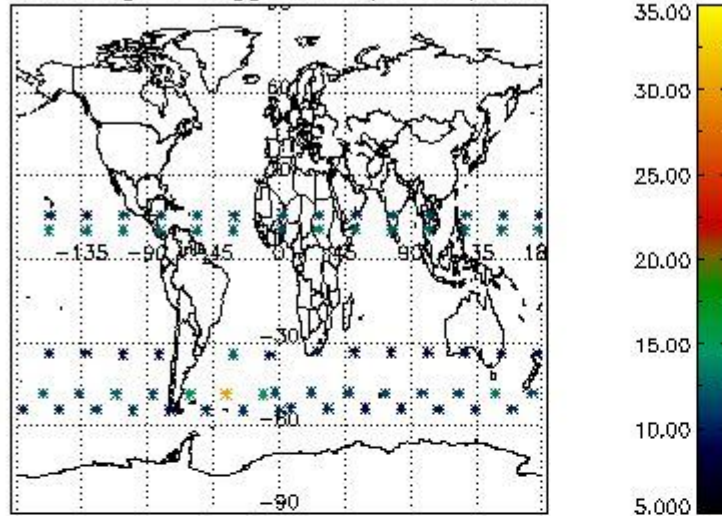
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

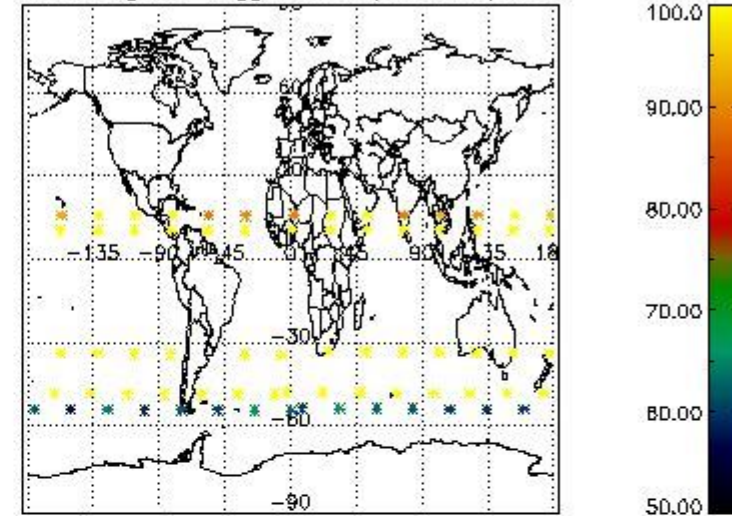


3.2 Plot quality information per product (world map)

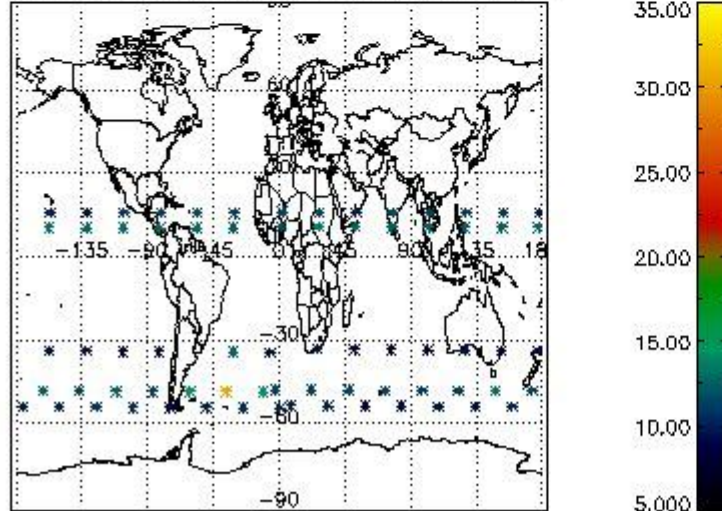
Percentage of flagged data per O3 profile



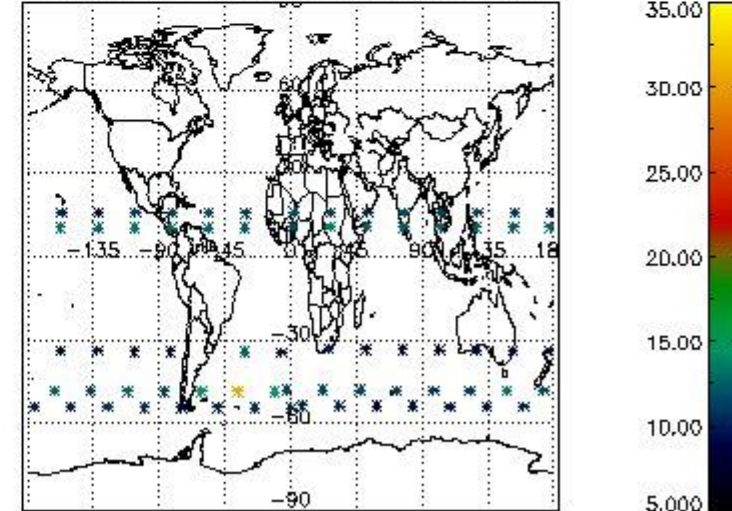
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

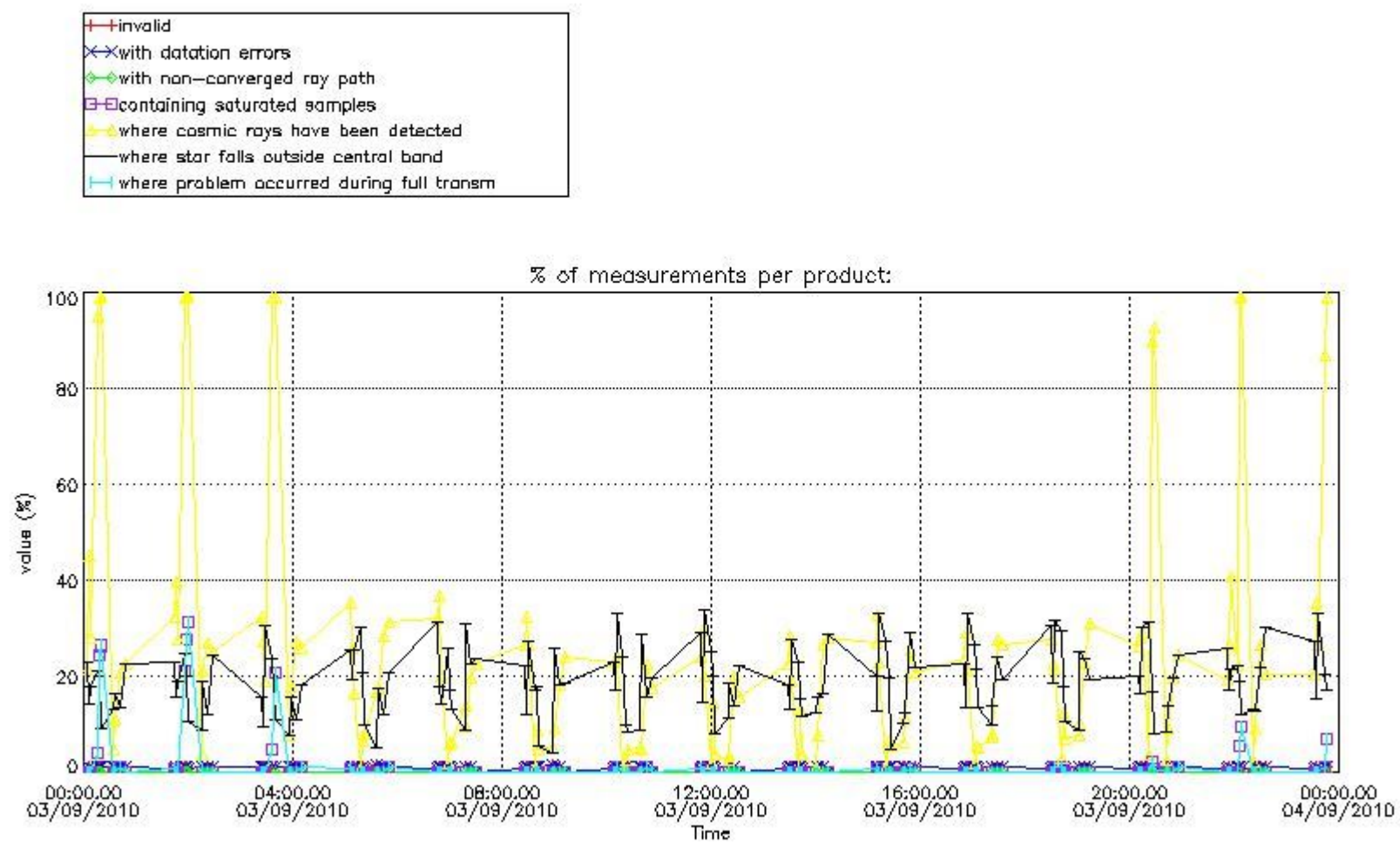


#### 4. Level 1 quality information per product

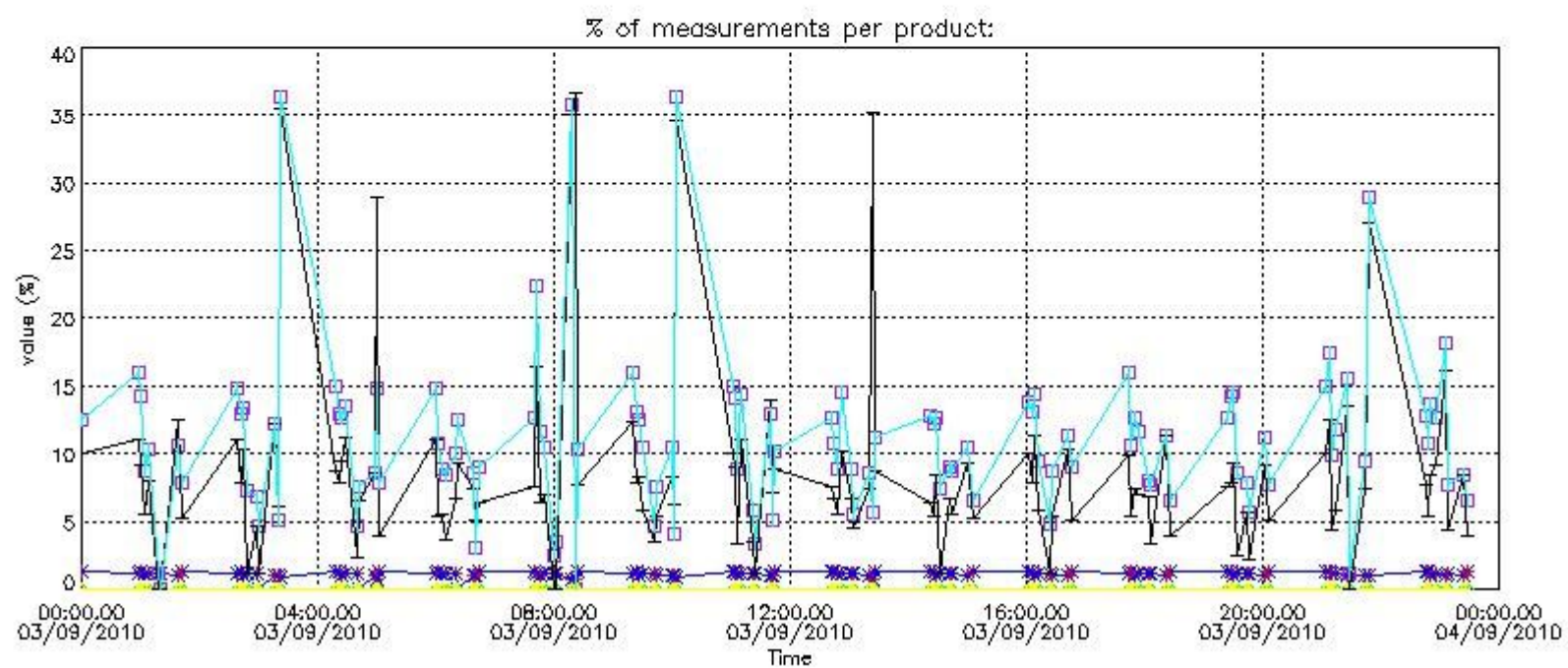
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

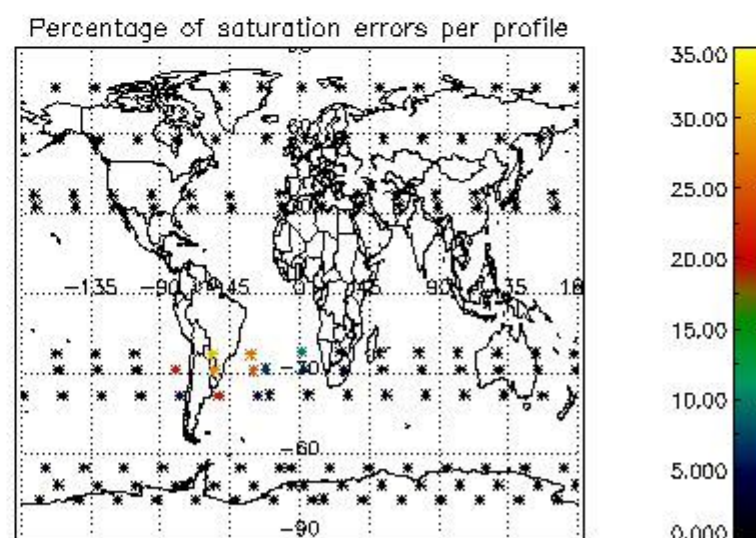
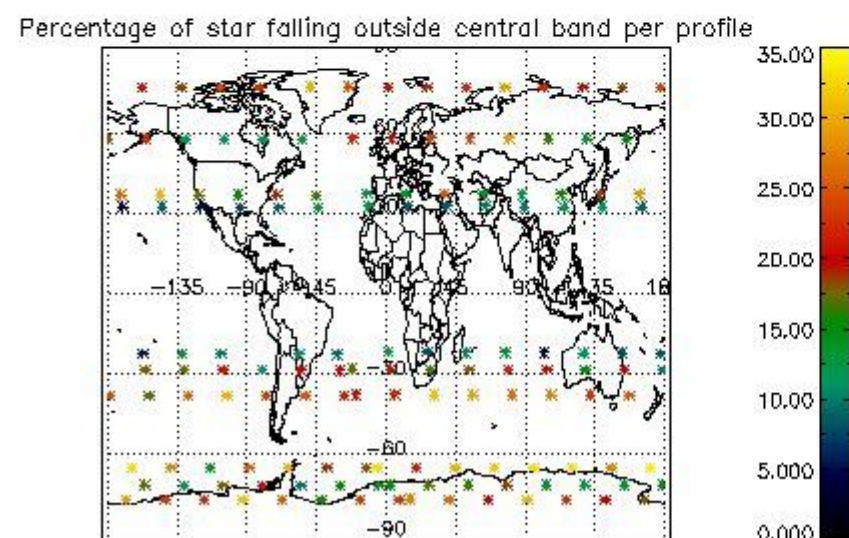
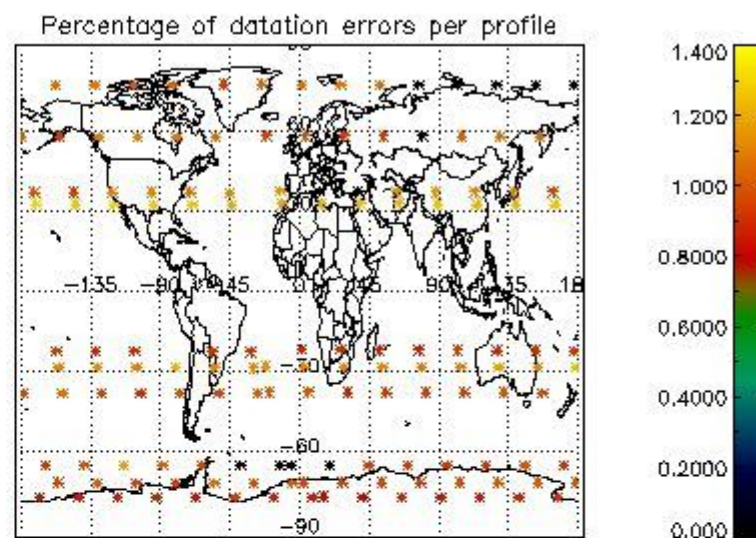
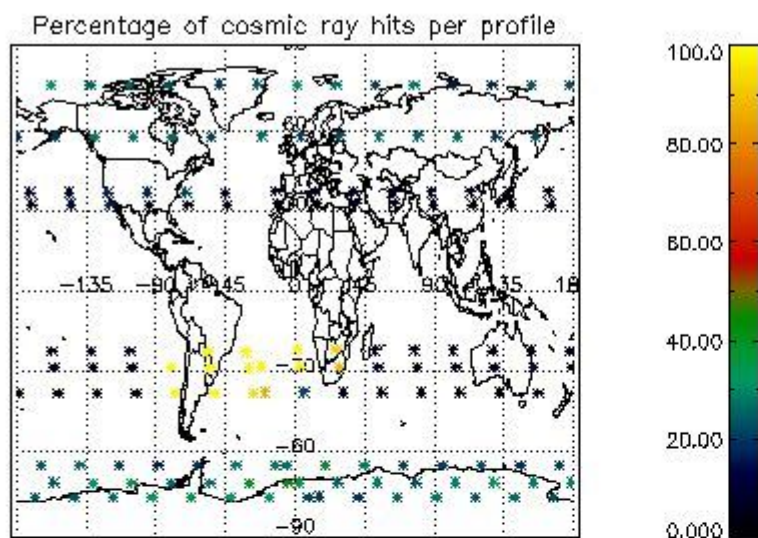


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

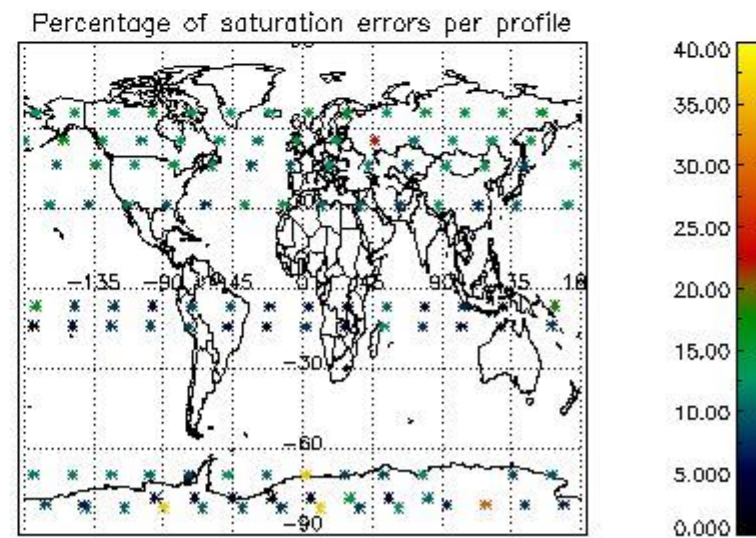
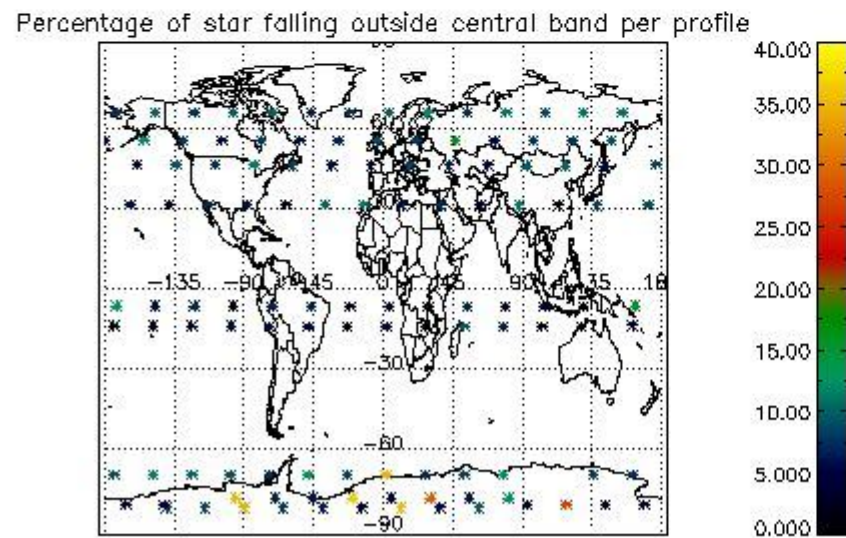
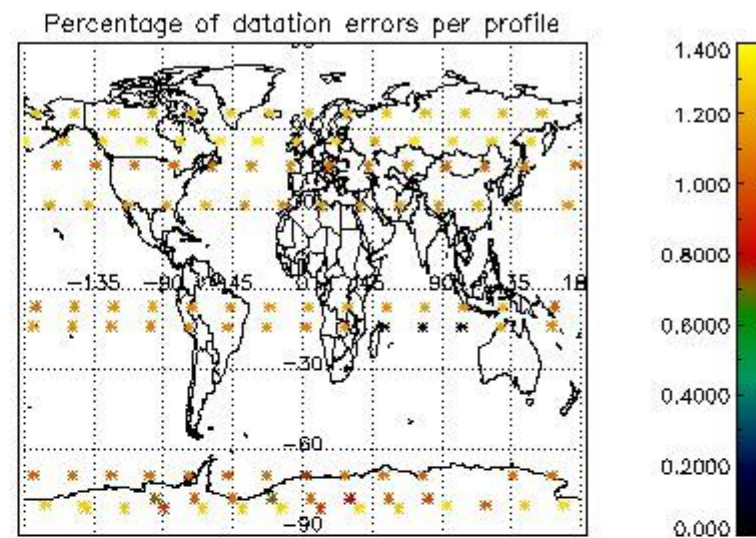
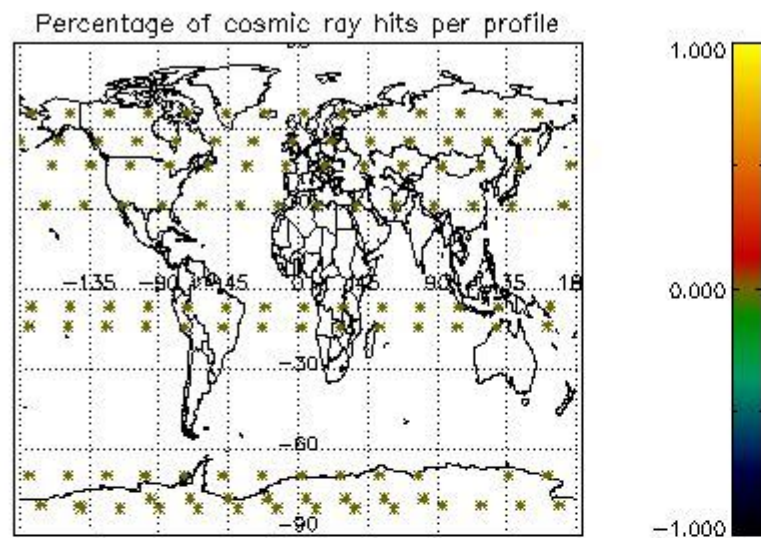


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

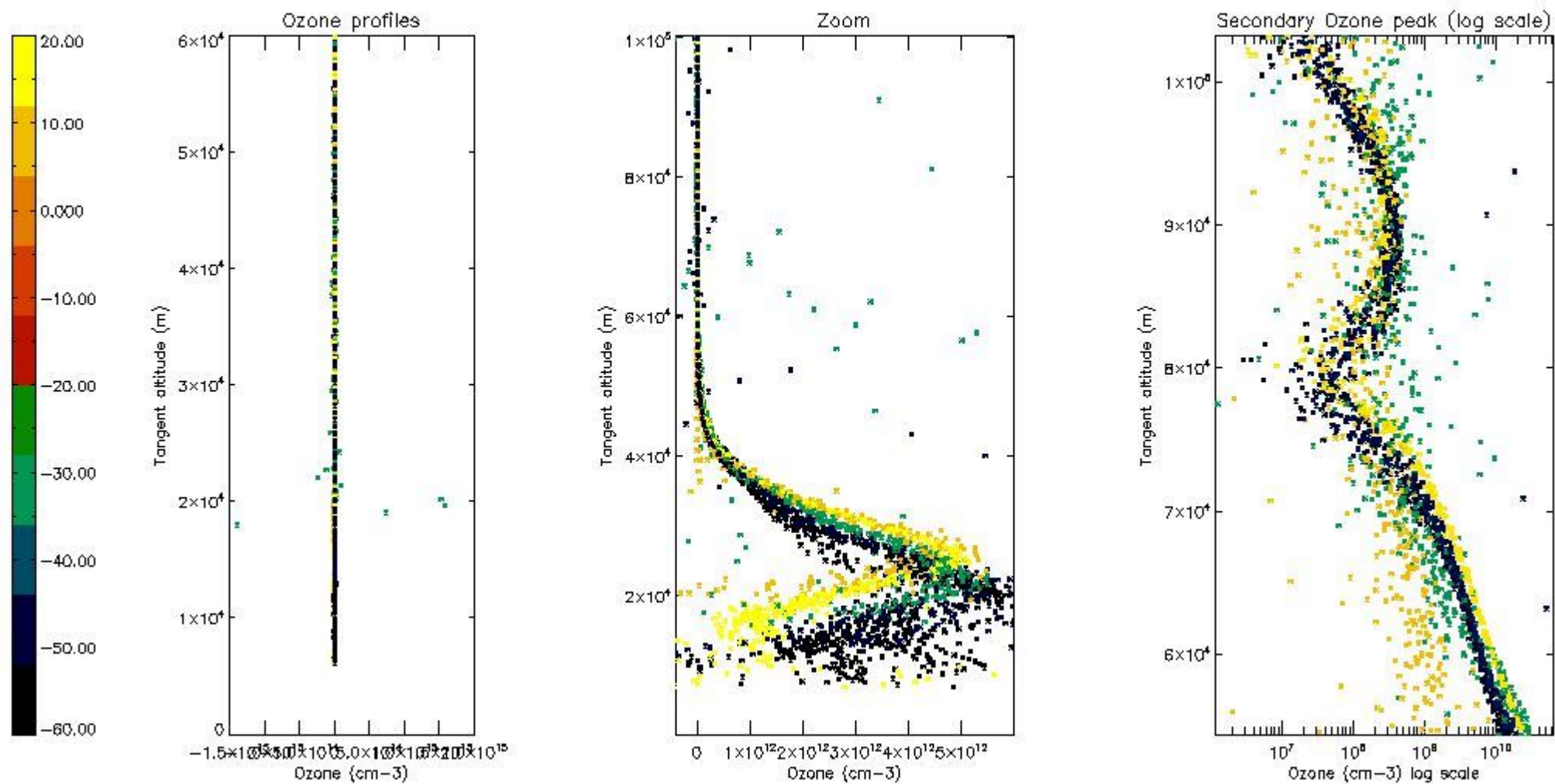
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	16

STD < 10	13
STD < 5	9

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

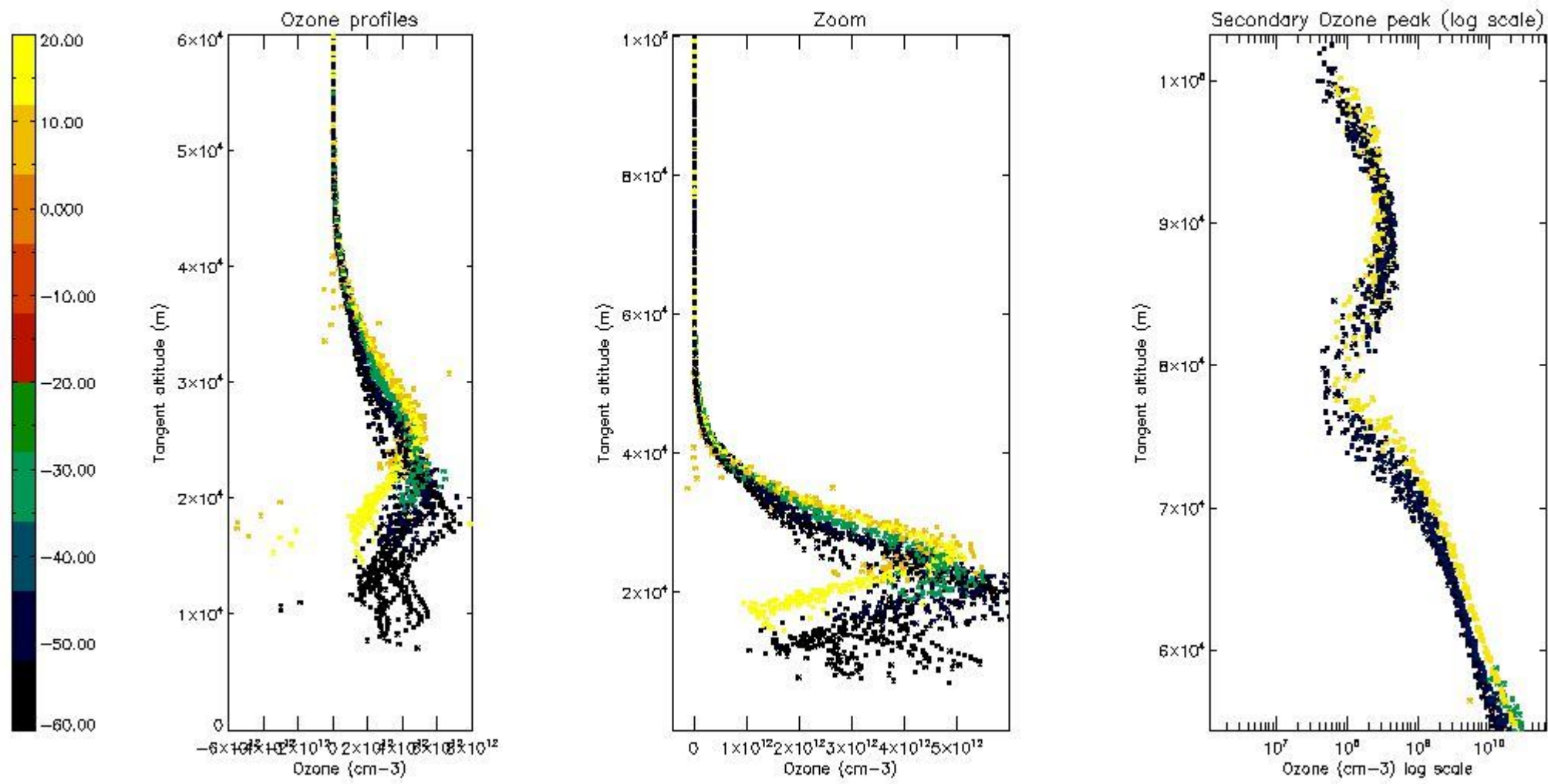
The colorbar represents the latitude.



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

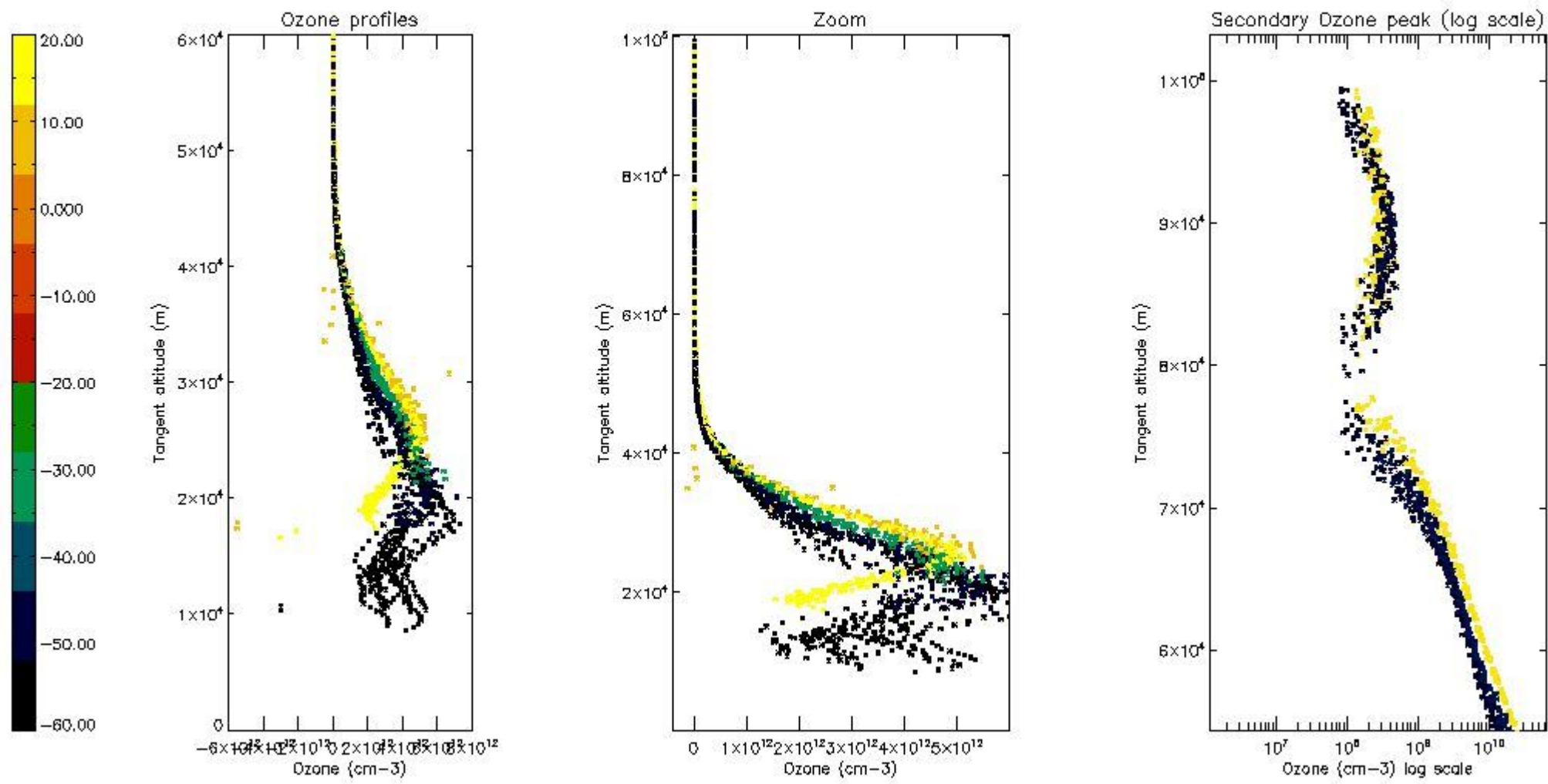
The colorbar represents the latitude.





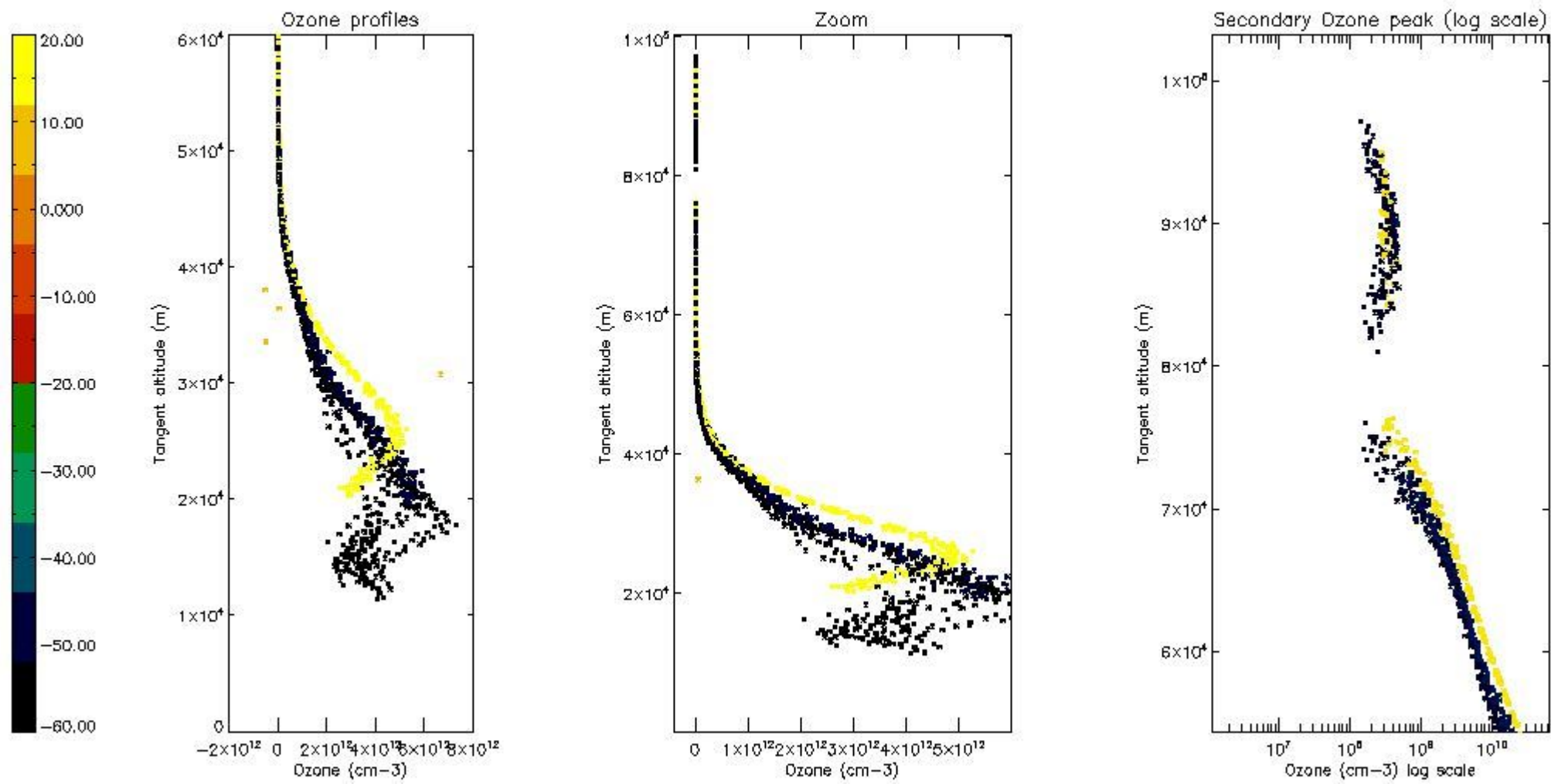
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



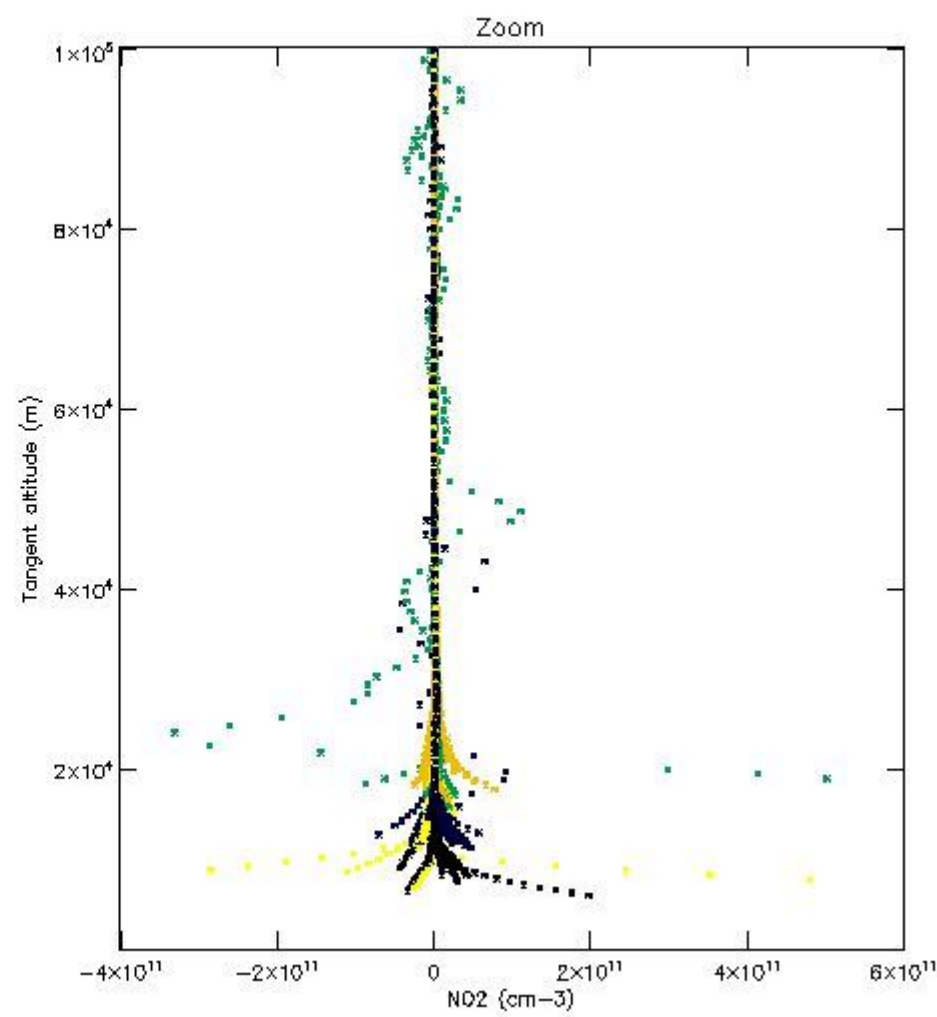
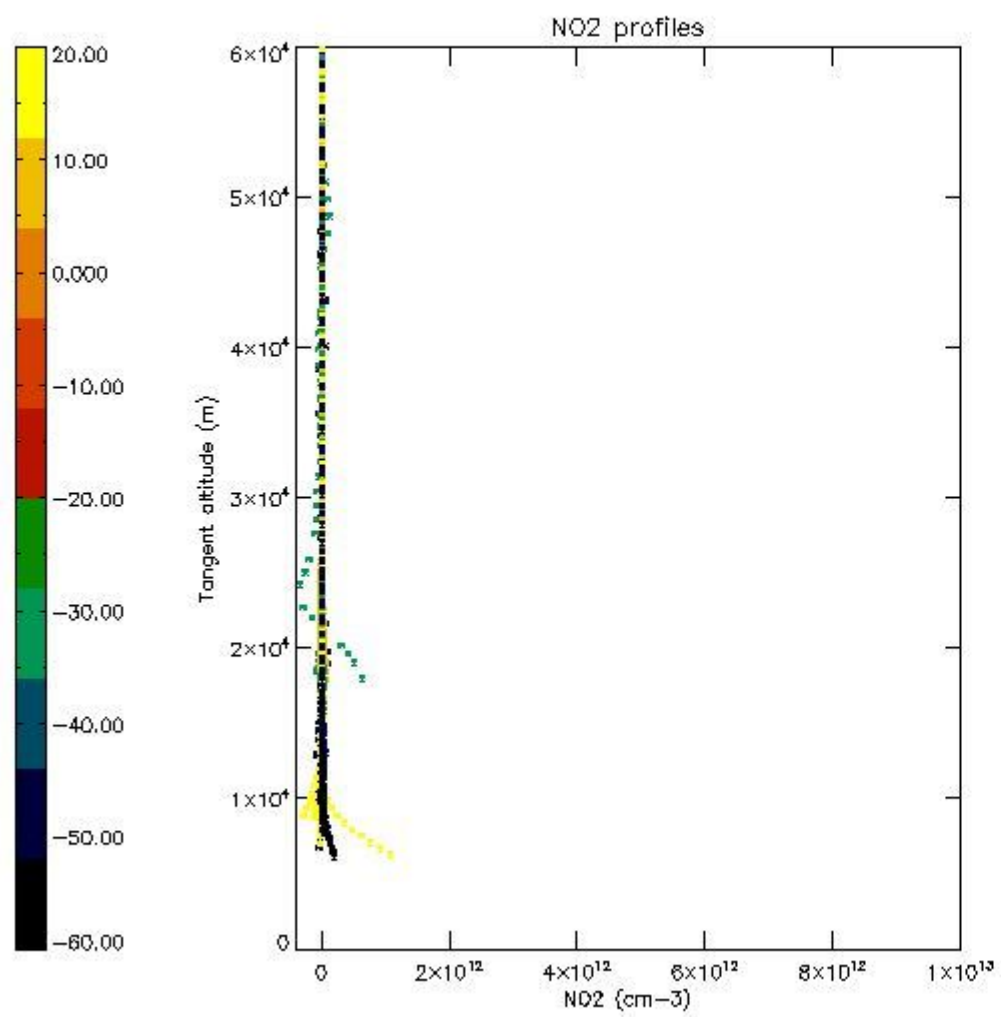
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



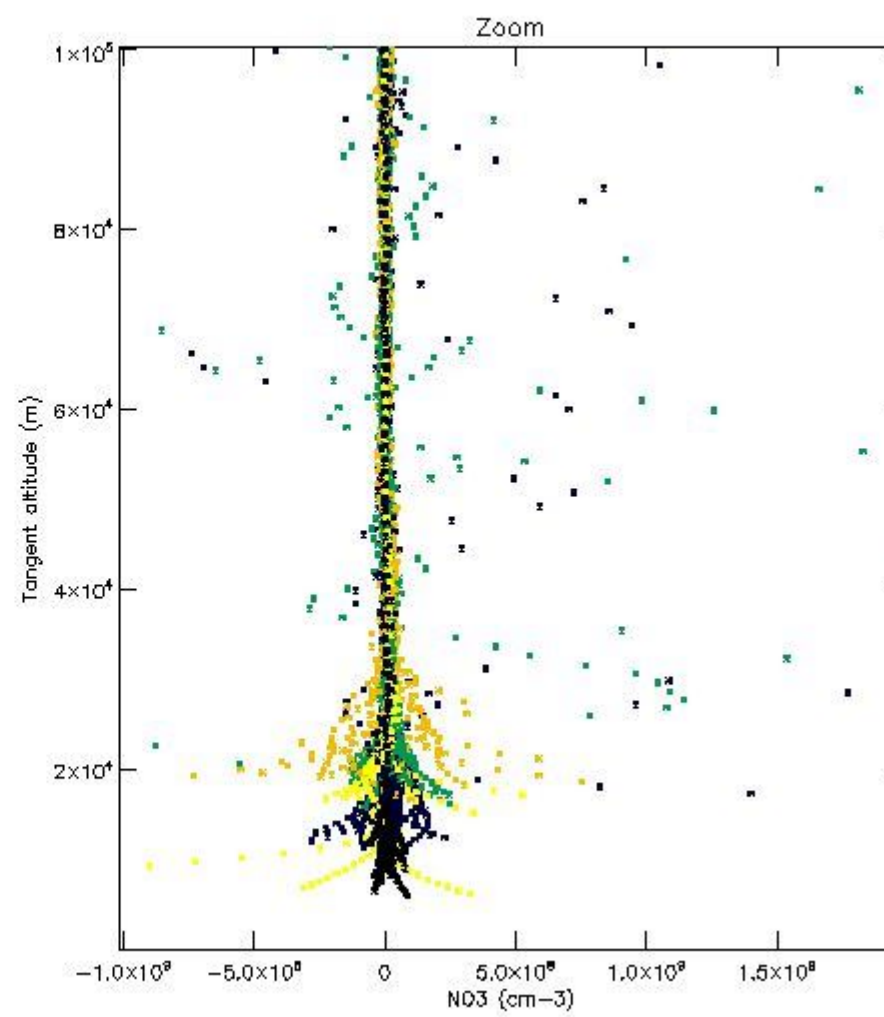
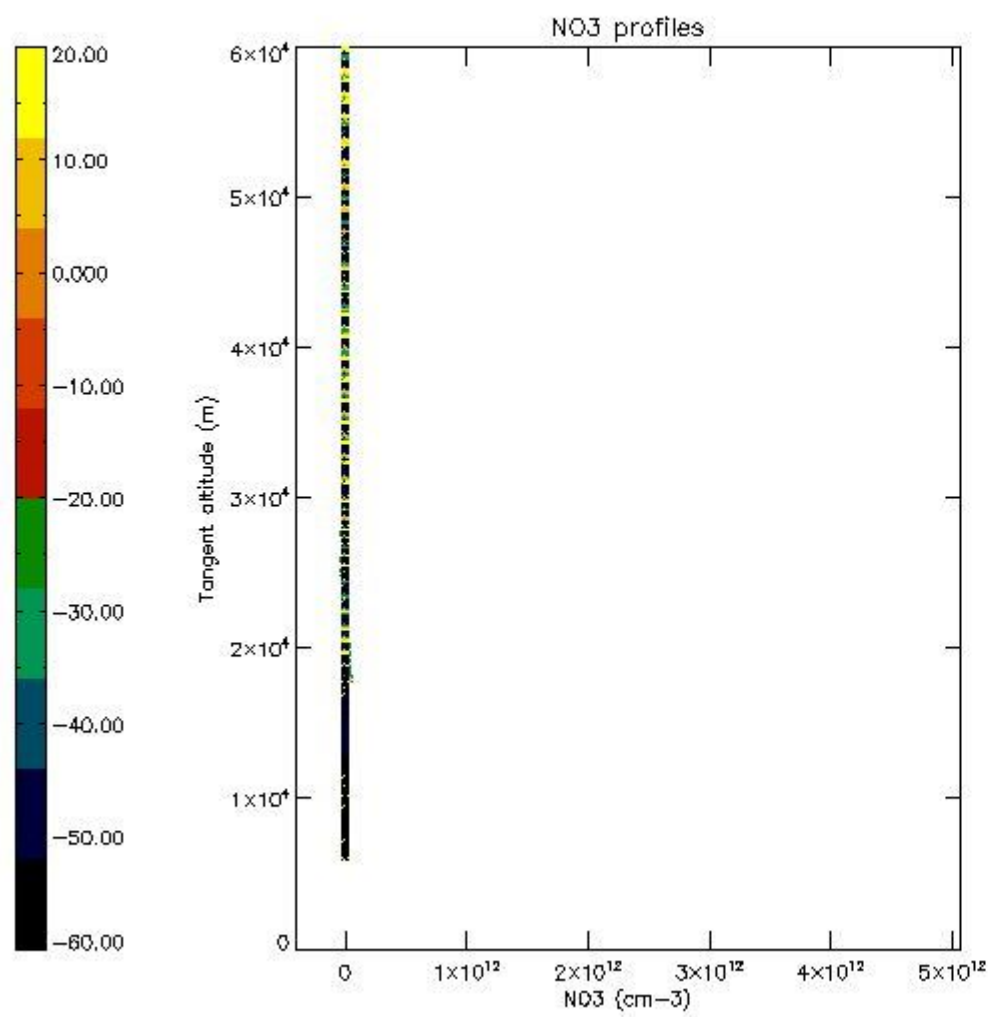
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



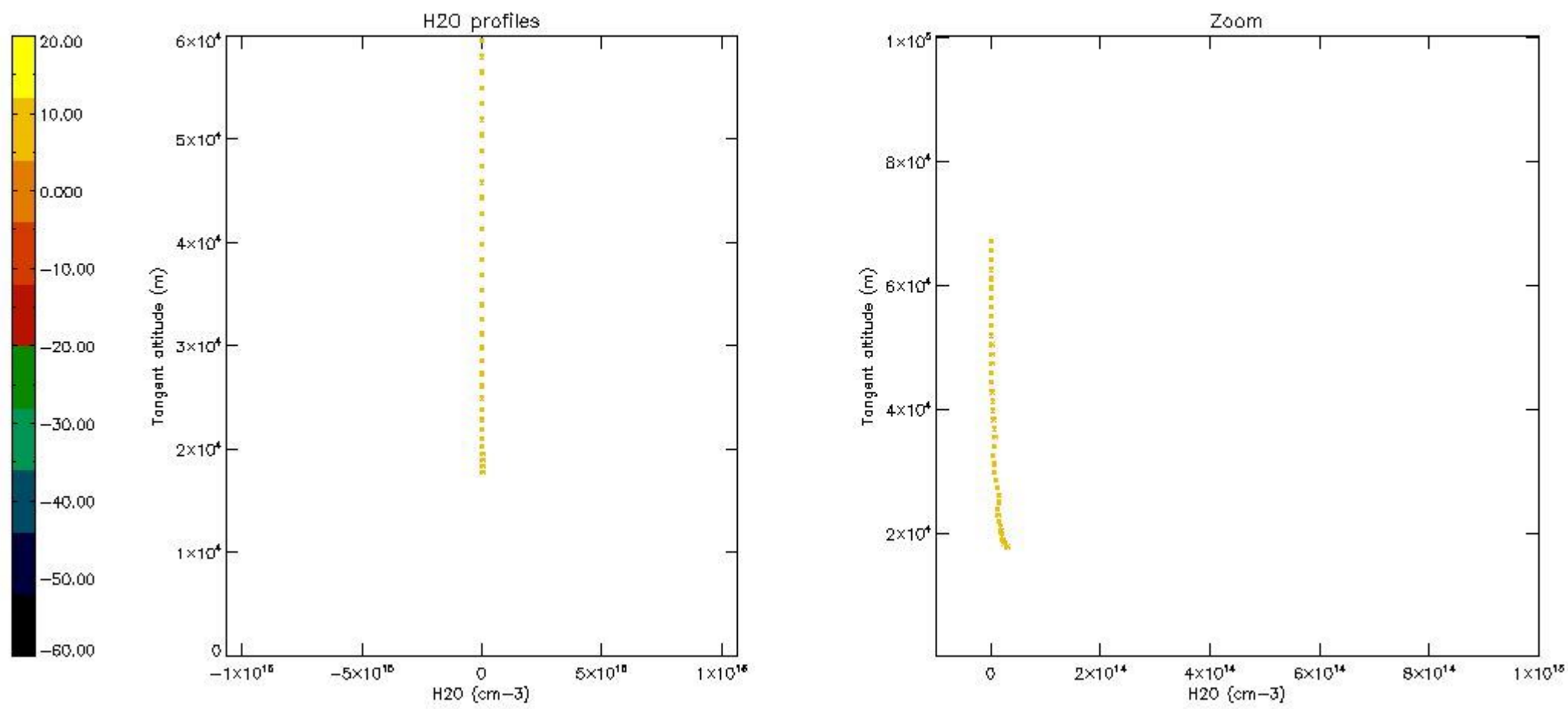
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

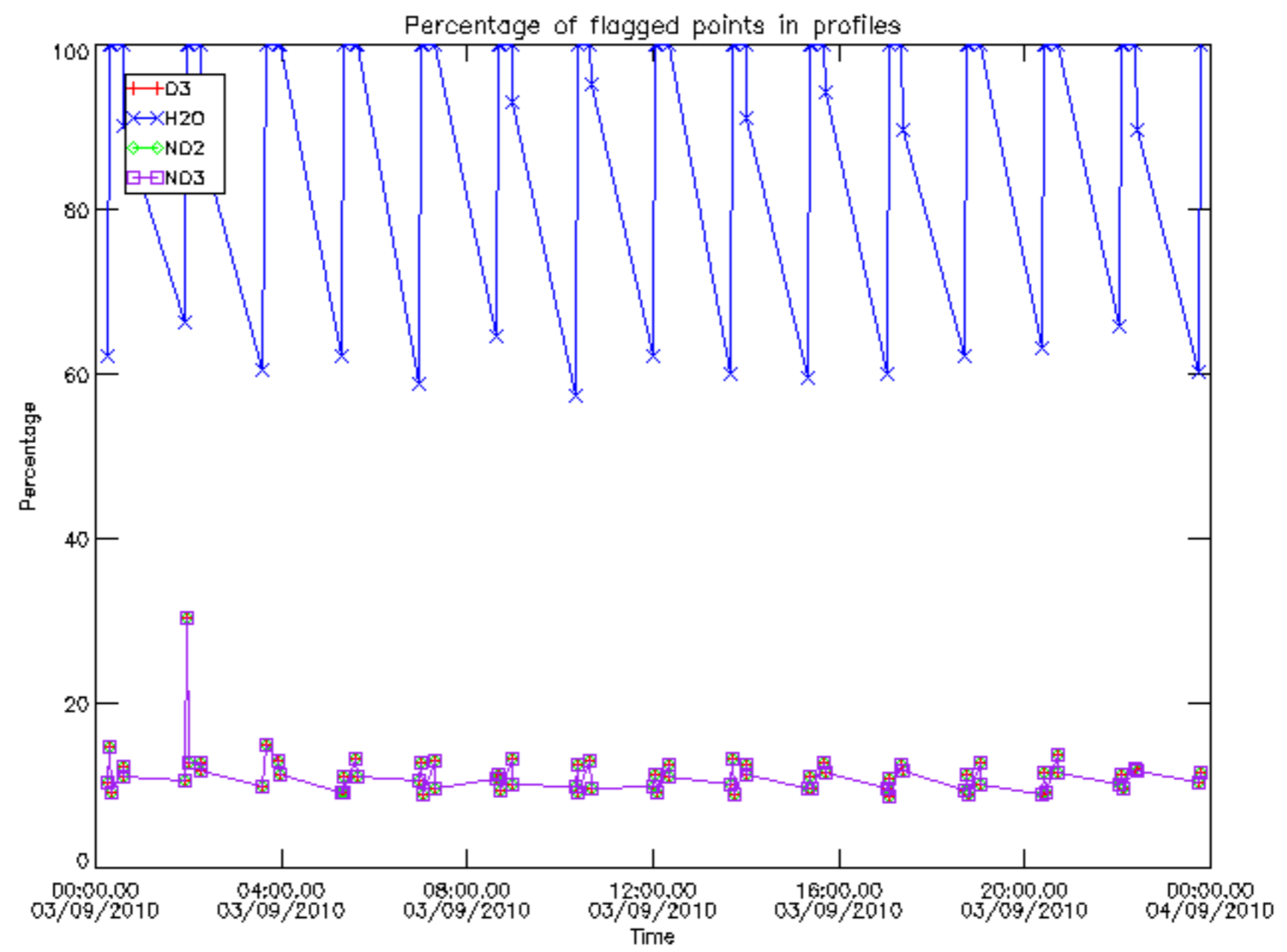
The colorbar represents the latitude.



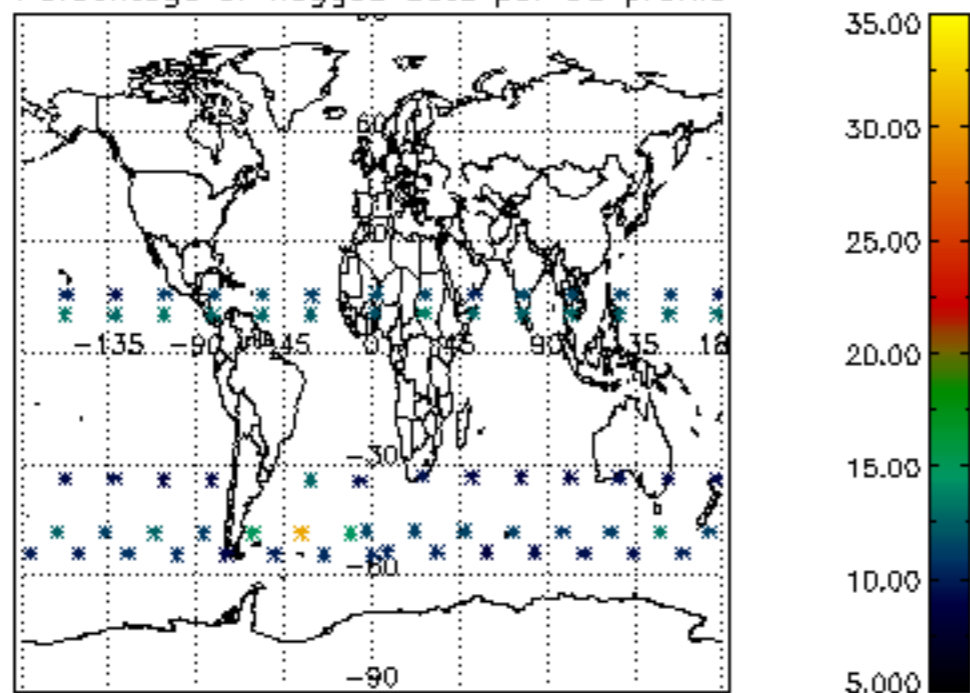
## 6. Auxiliary Data Files used for the production reported in section 2

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

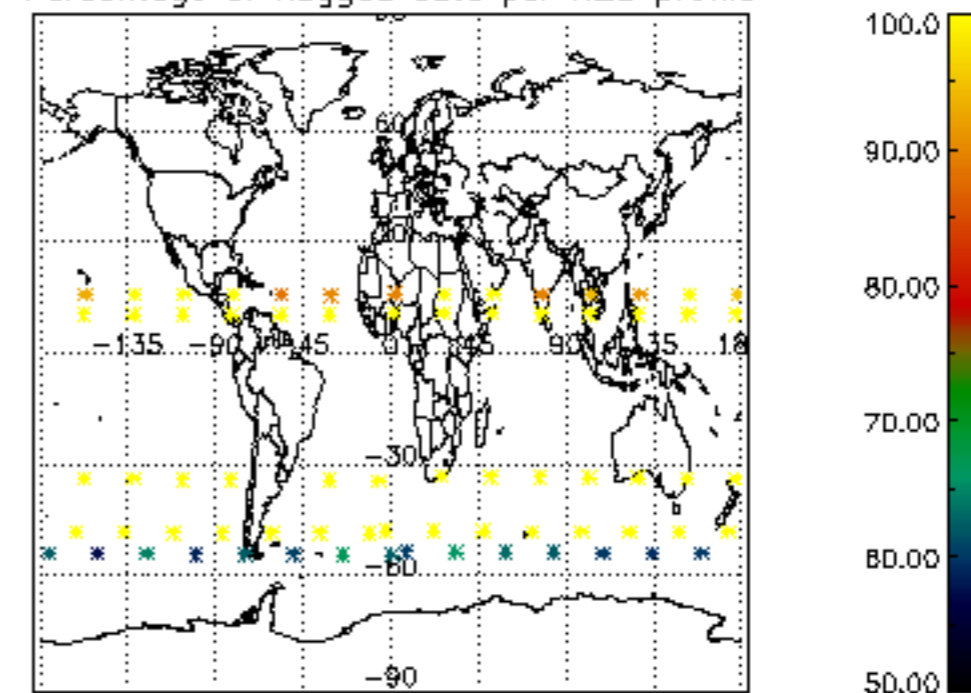
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-SEP-2010 00:00:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-SEP-2010 00:00:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-SEP-2010 00:00:40



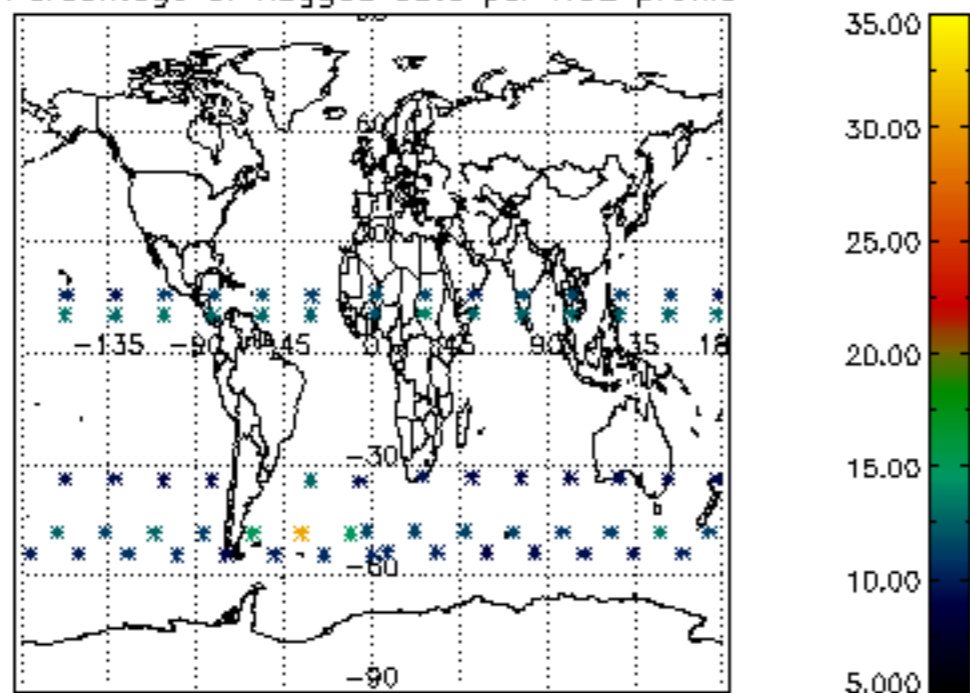
Percentage of flagged data per D3 profile



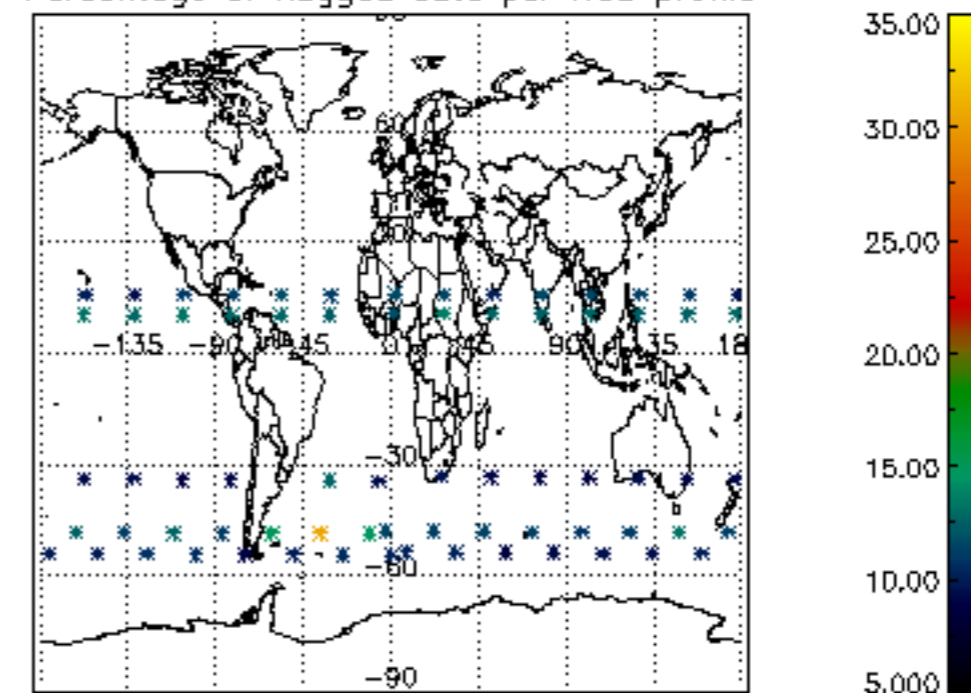
Percentage of flagged data per H2O profile



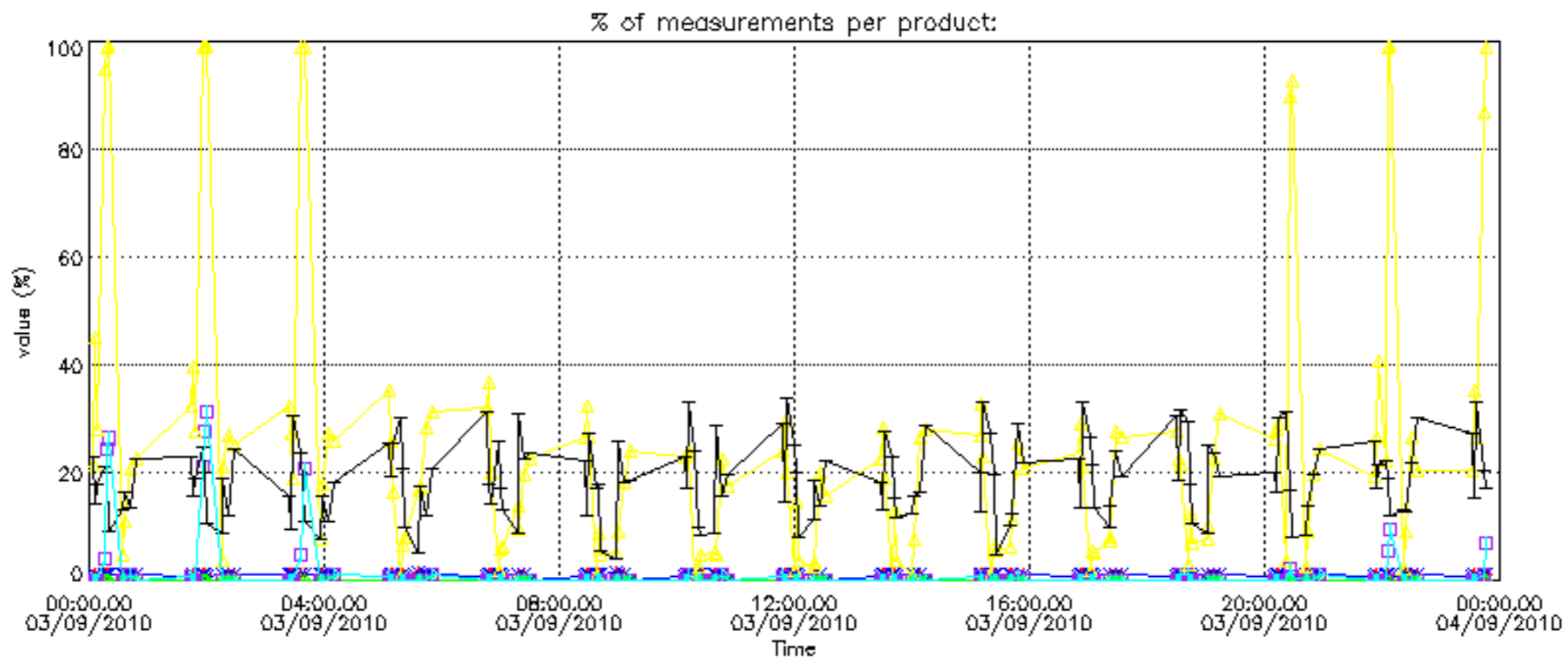
Percentage of flagged data per NO2 profile

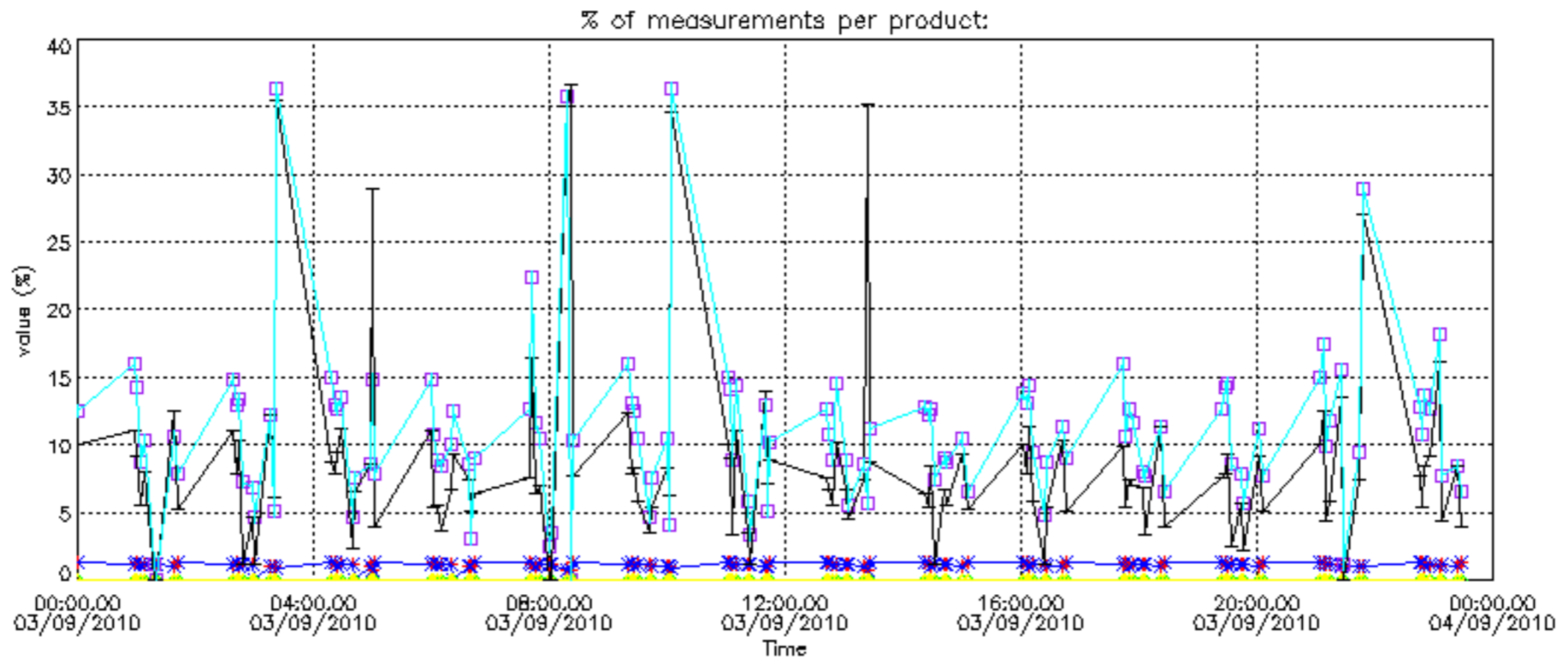


Percentage of flagged data per NO3 profile

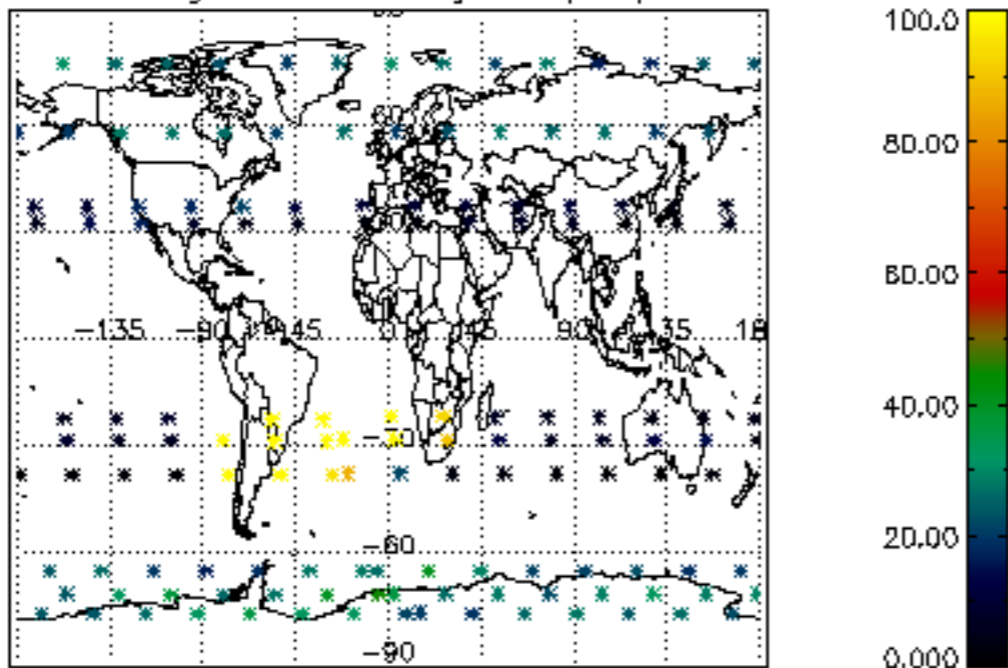




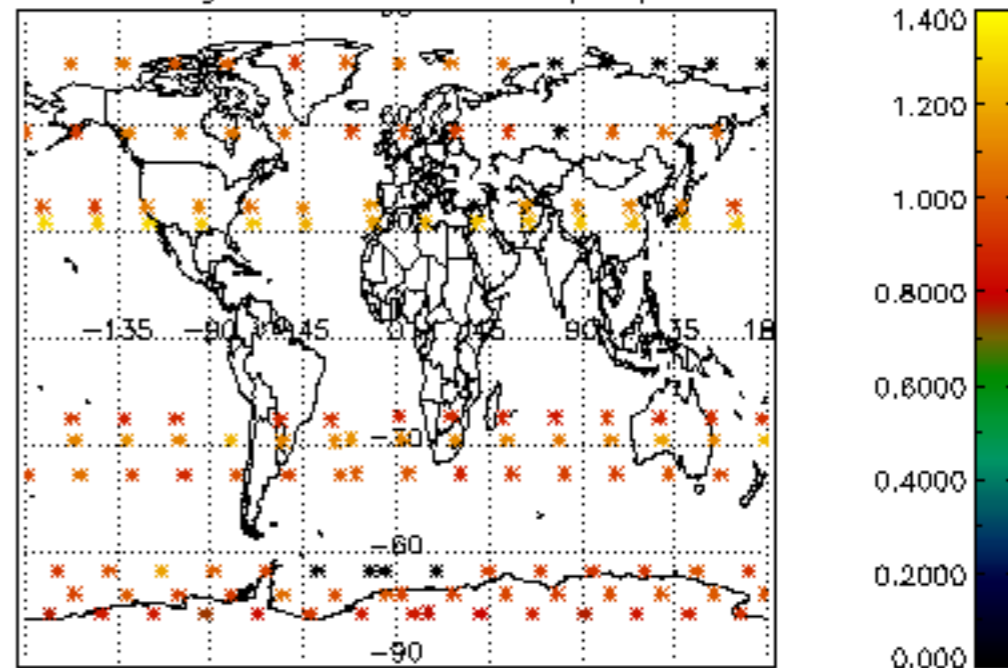




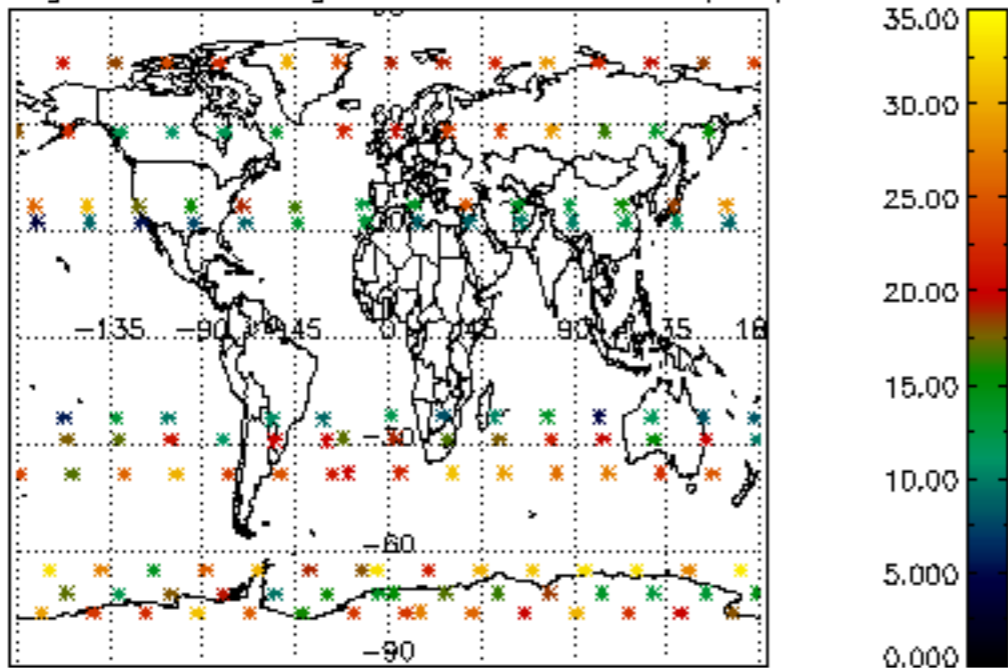
Percentage of cosmic ray hits per profile



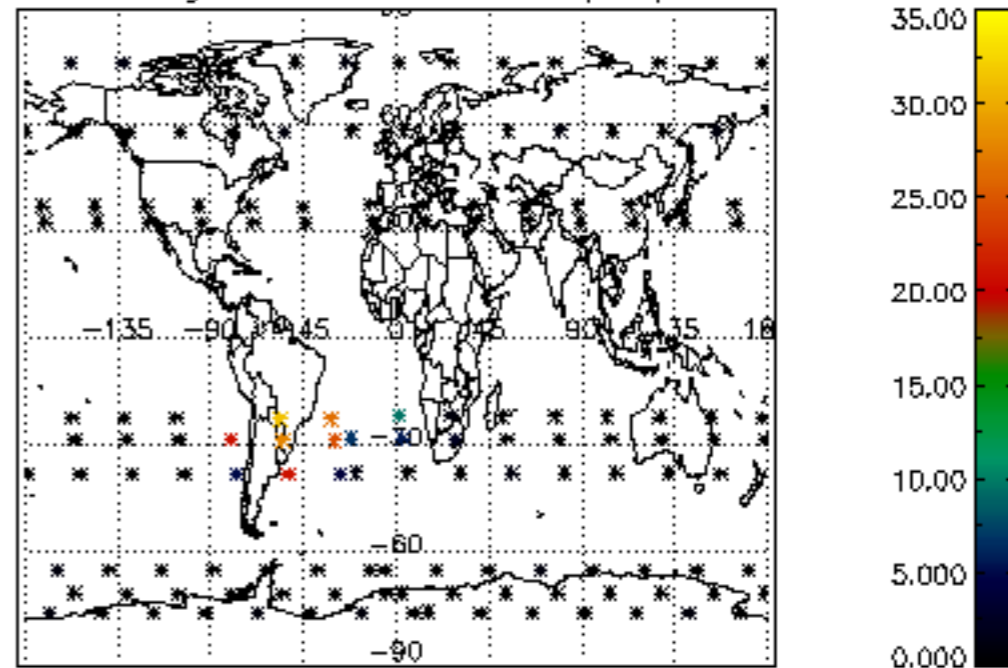
Percentage of datation errors per profile



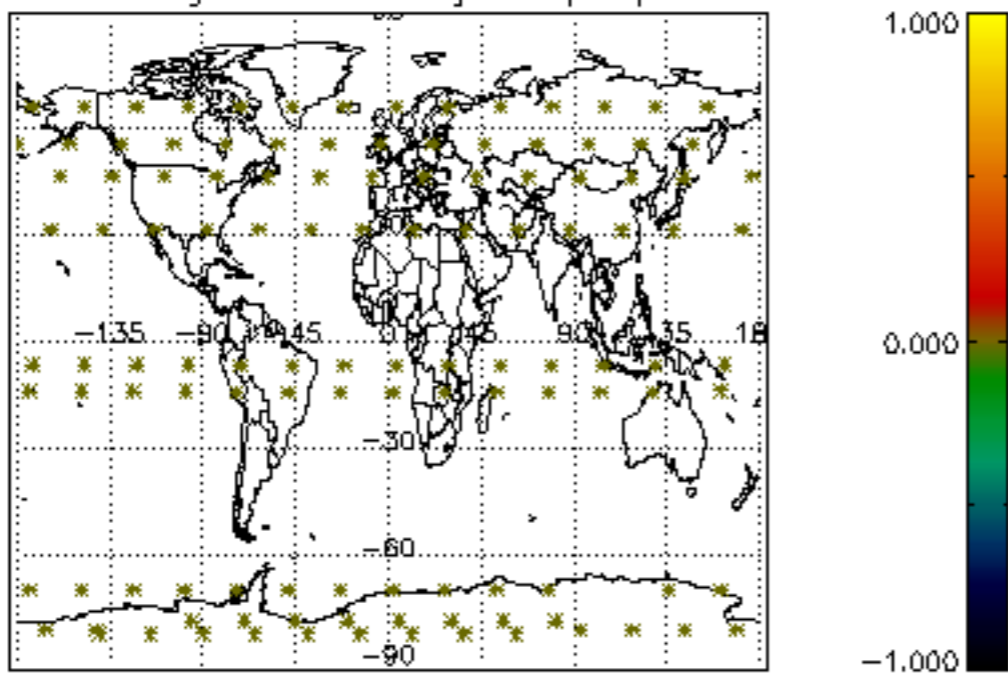
Percentage of star falling outside central band per profile



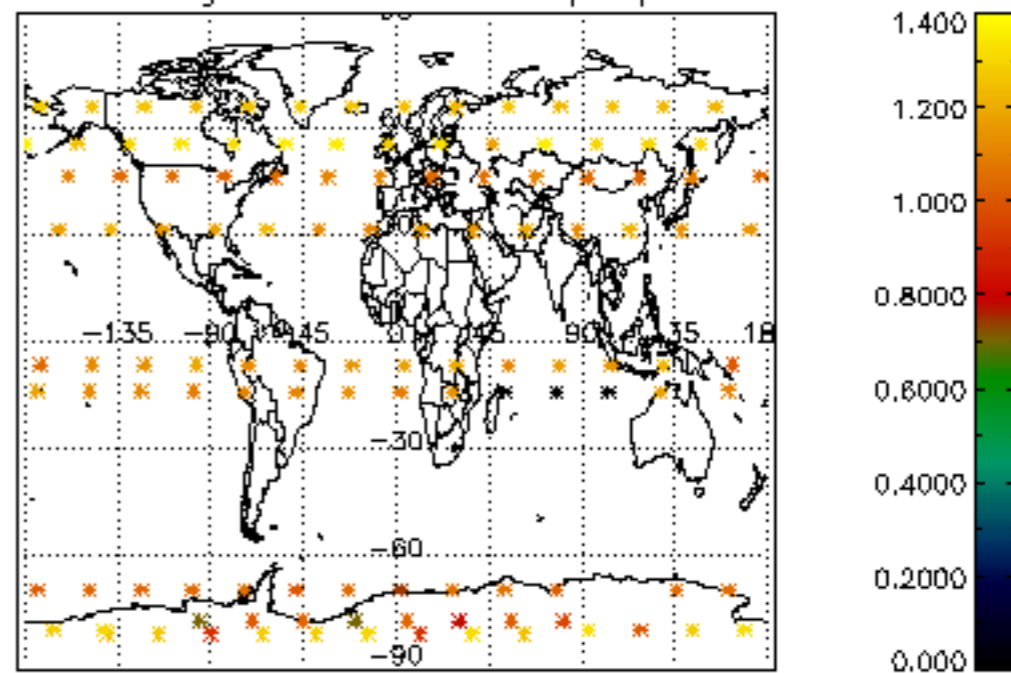
Percentage of saturation errors per profile



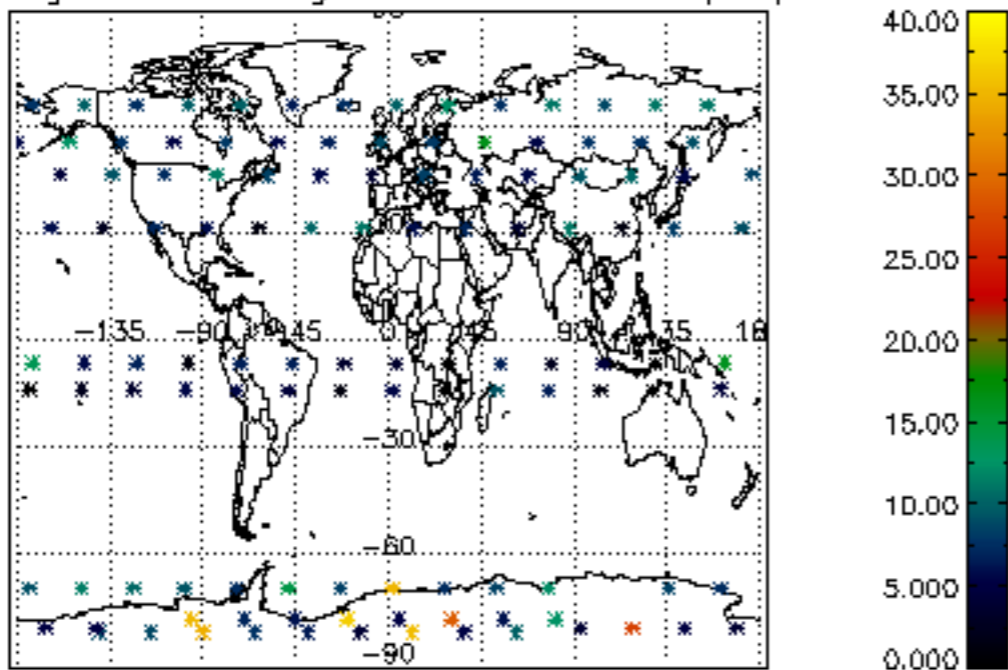
Percentage of cosmic ray hits per profile



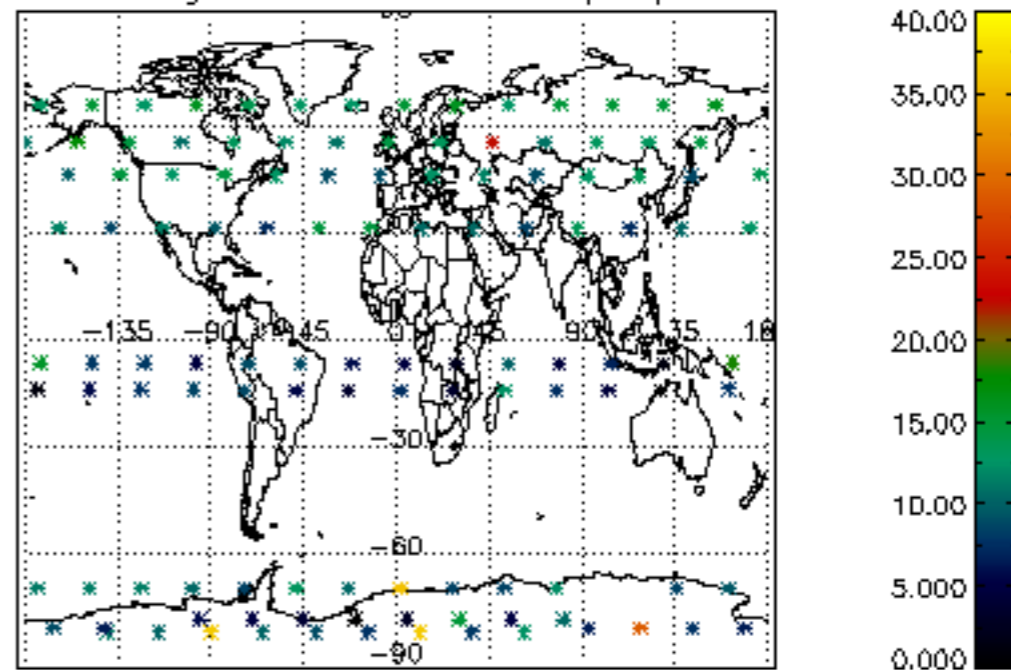
Percentage of datation errors per profile

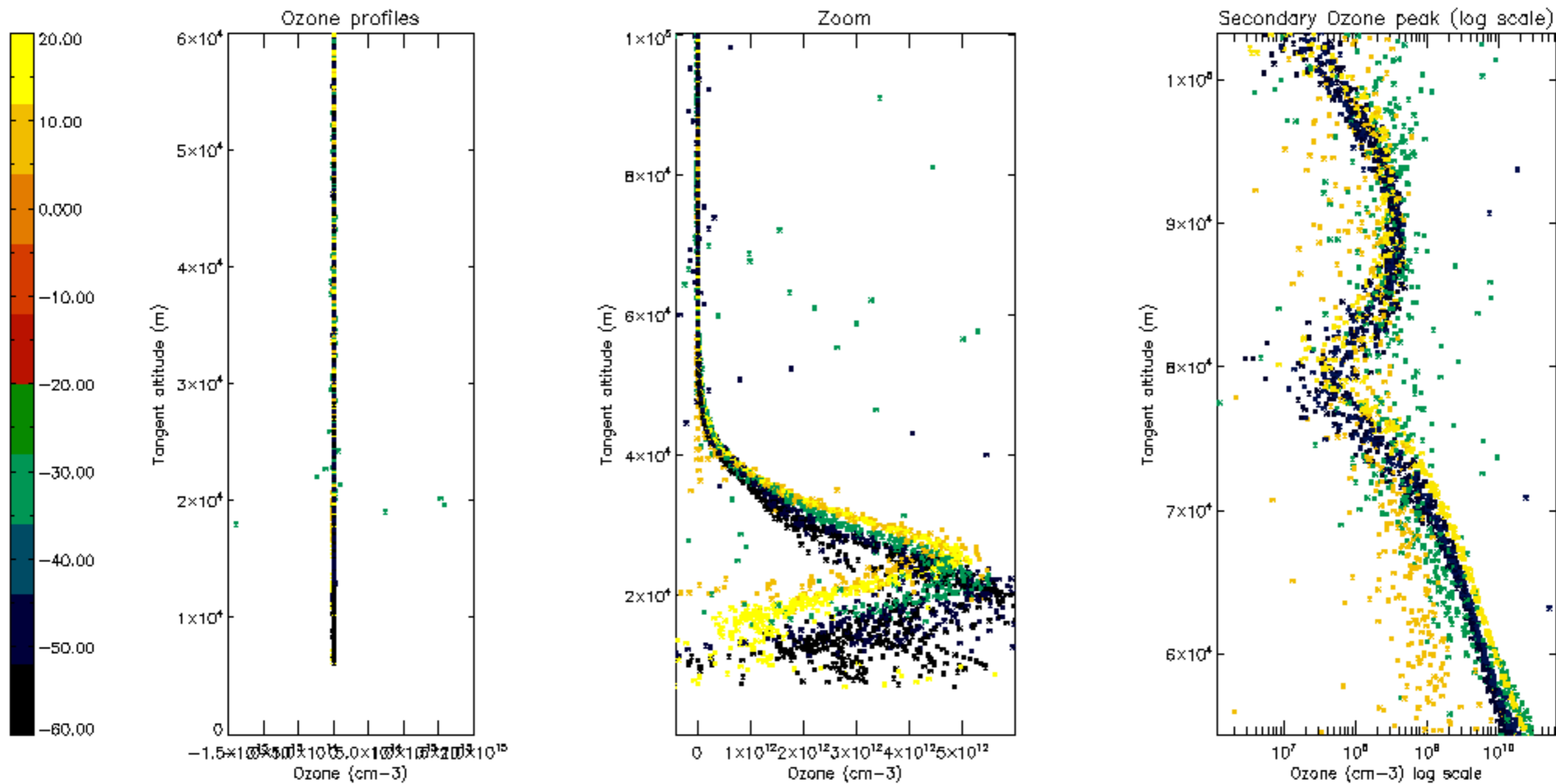


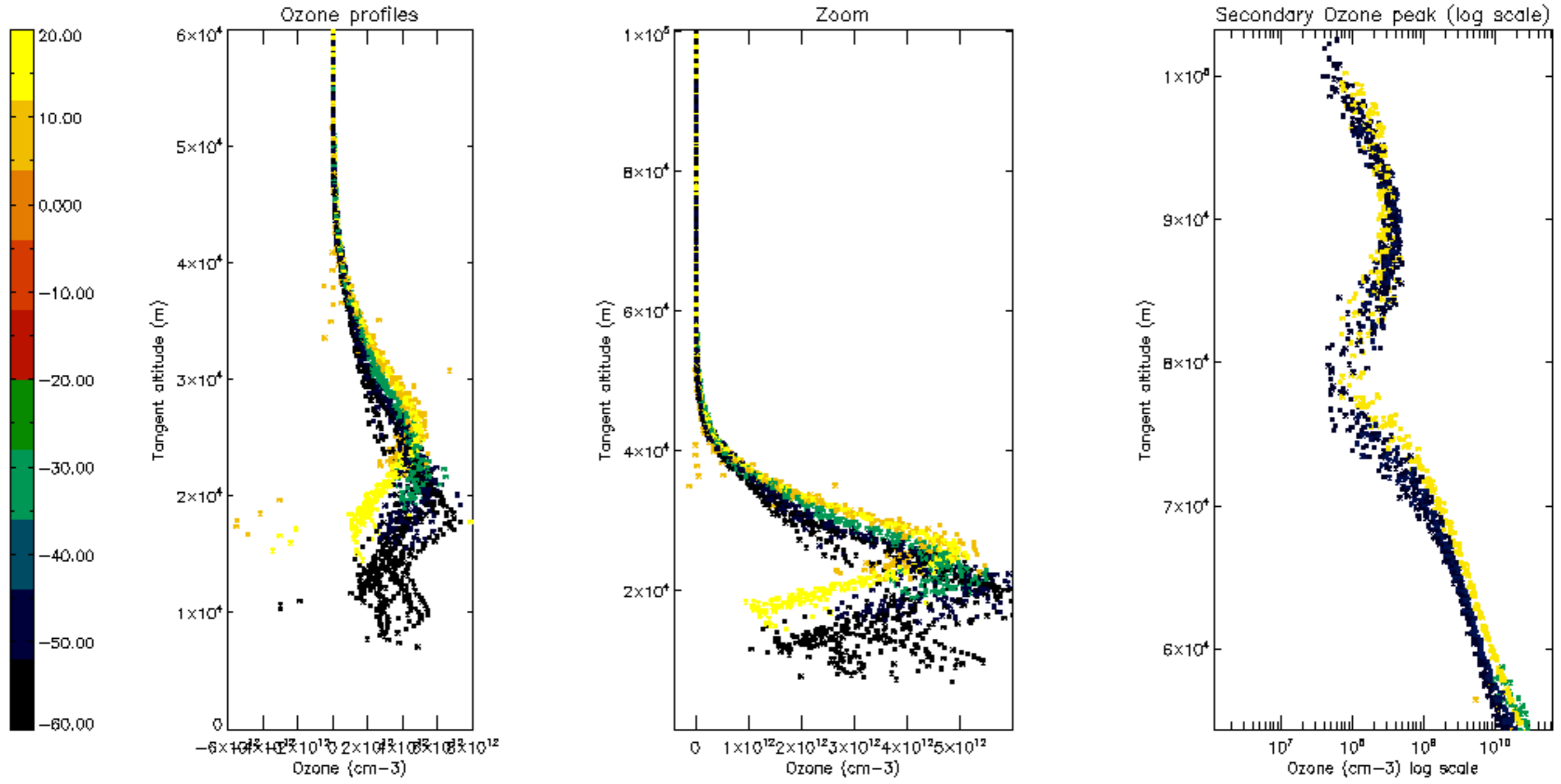
Percentage of star falling outside central band per profile

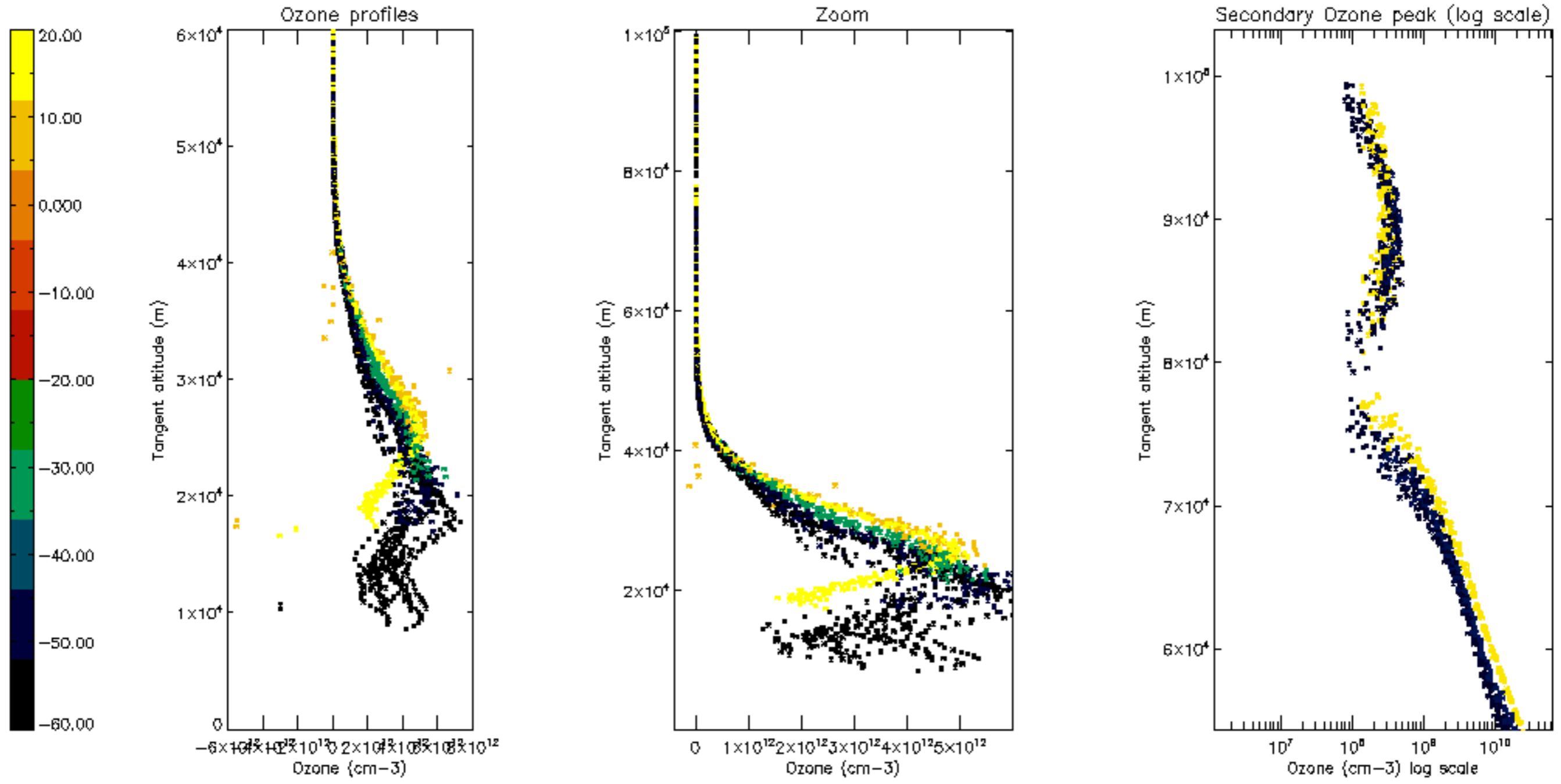


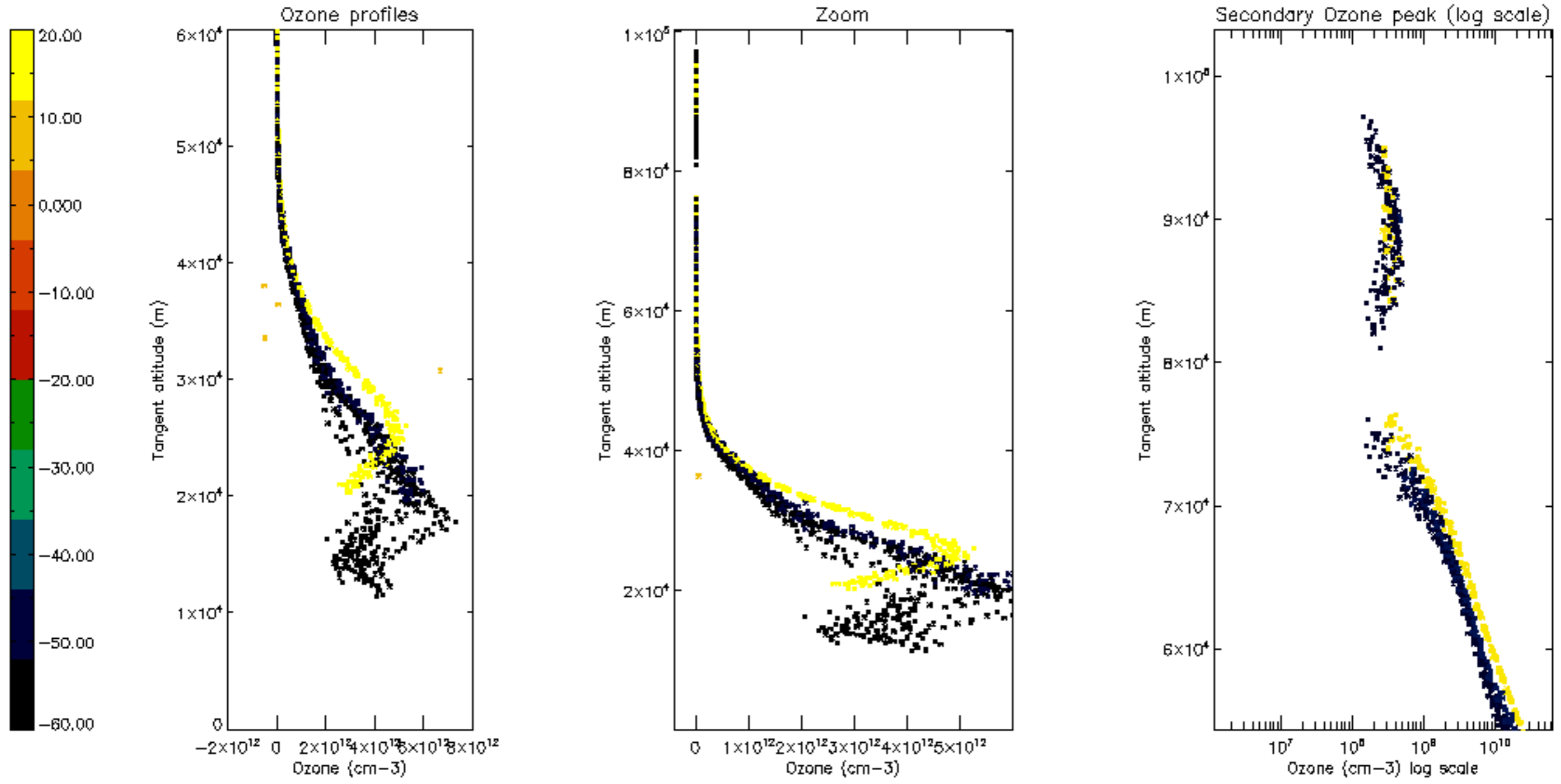
Percentage of saturation errors per profile



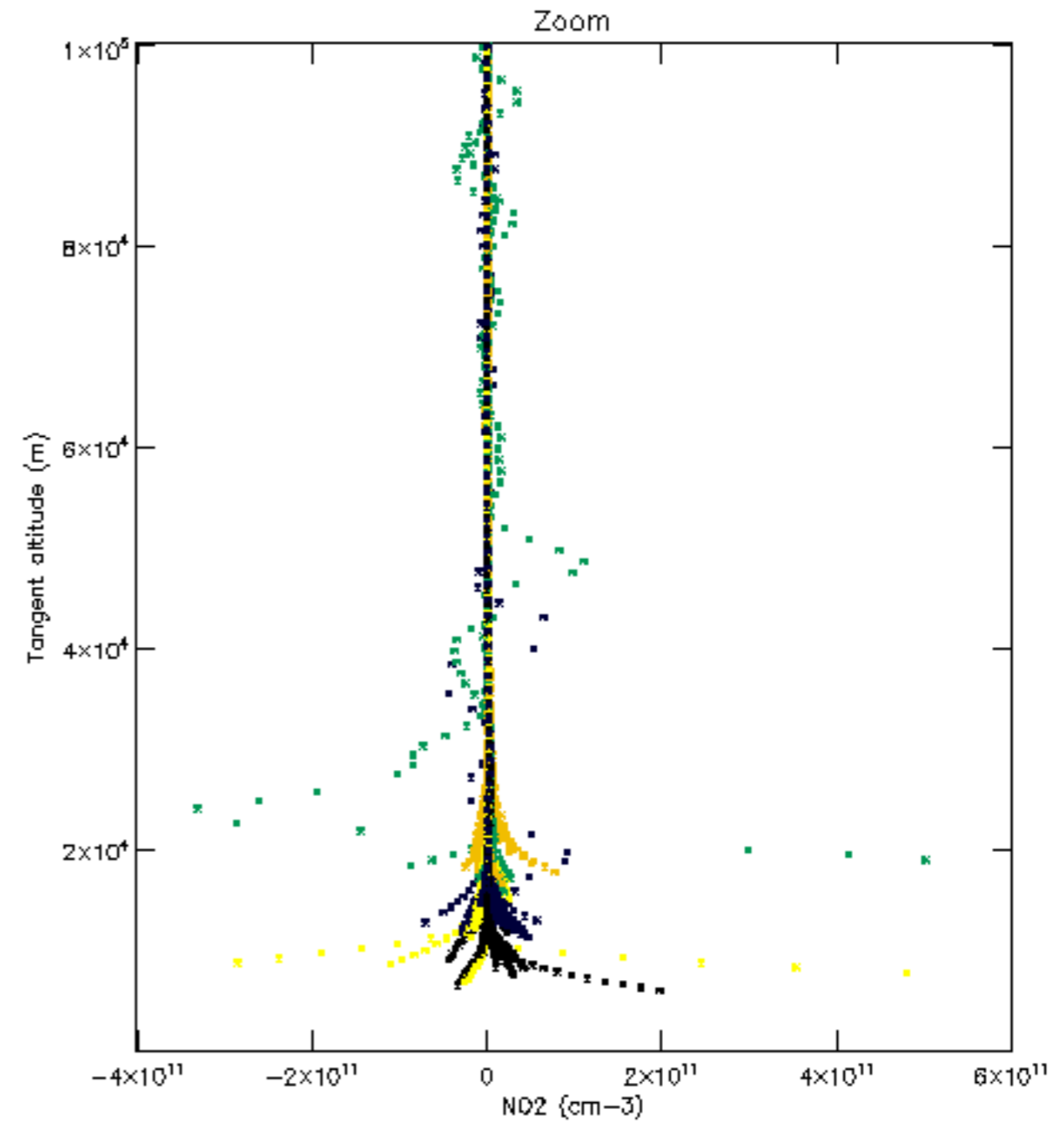
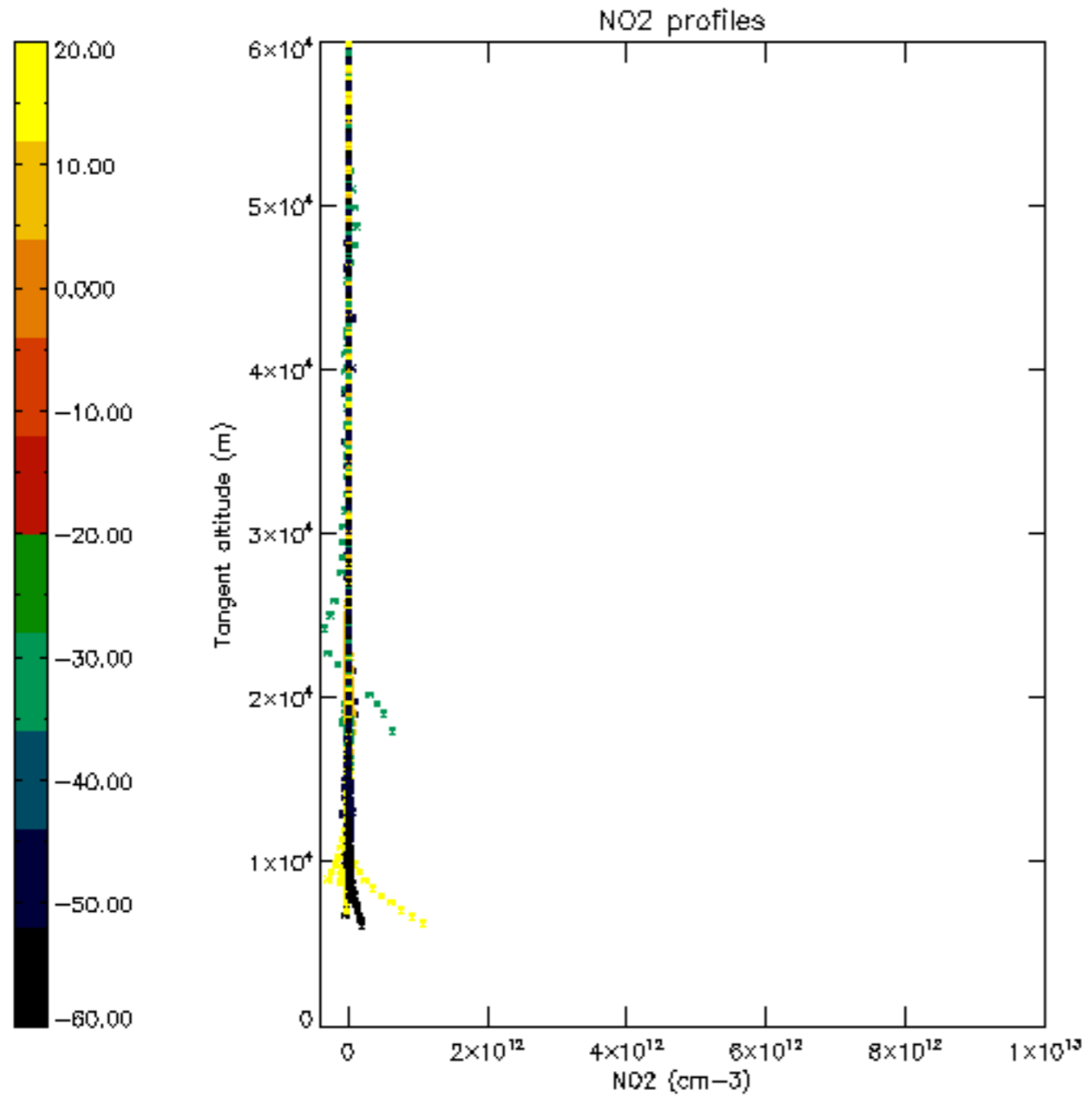


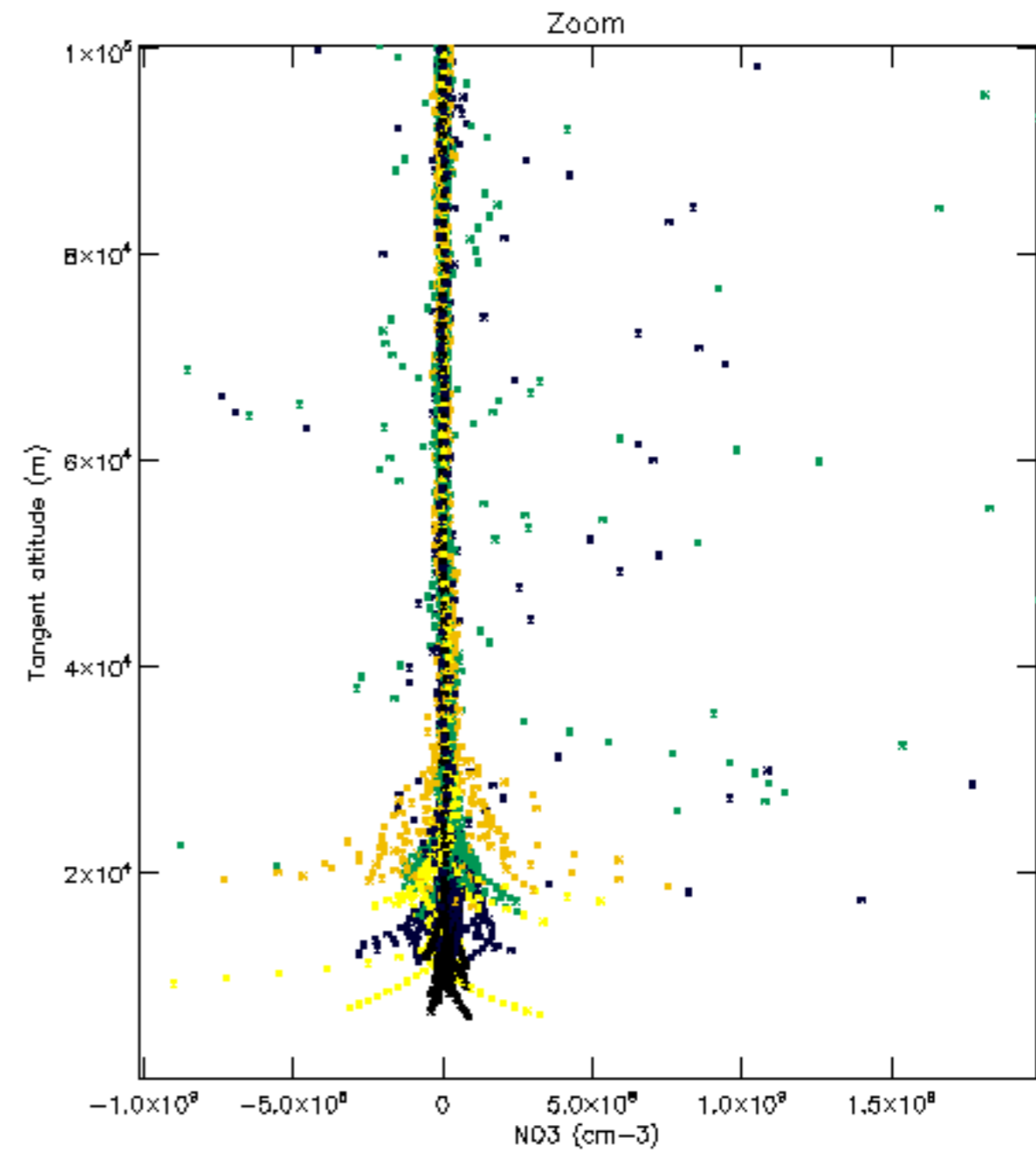
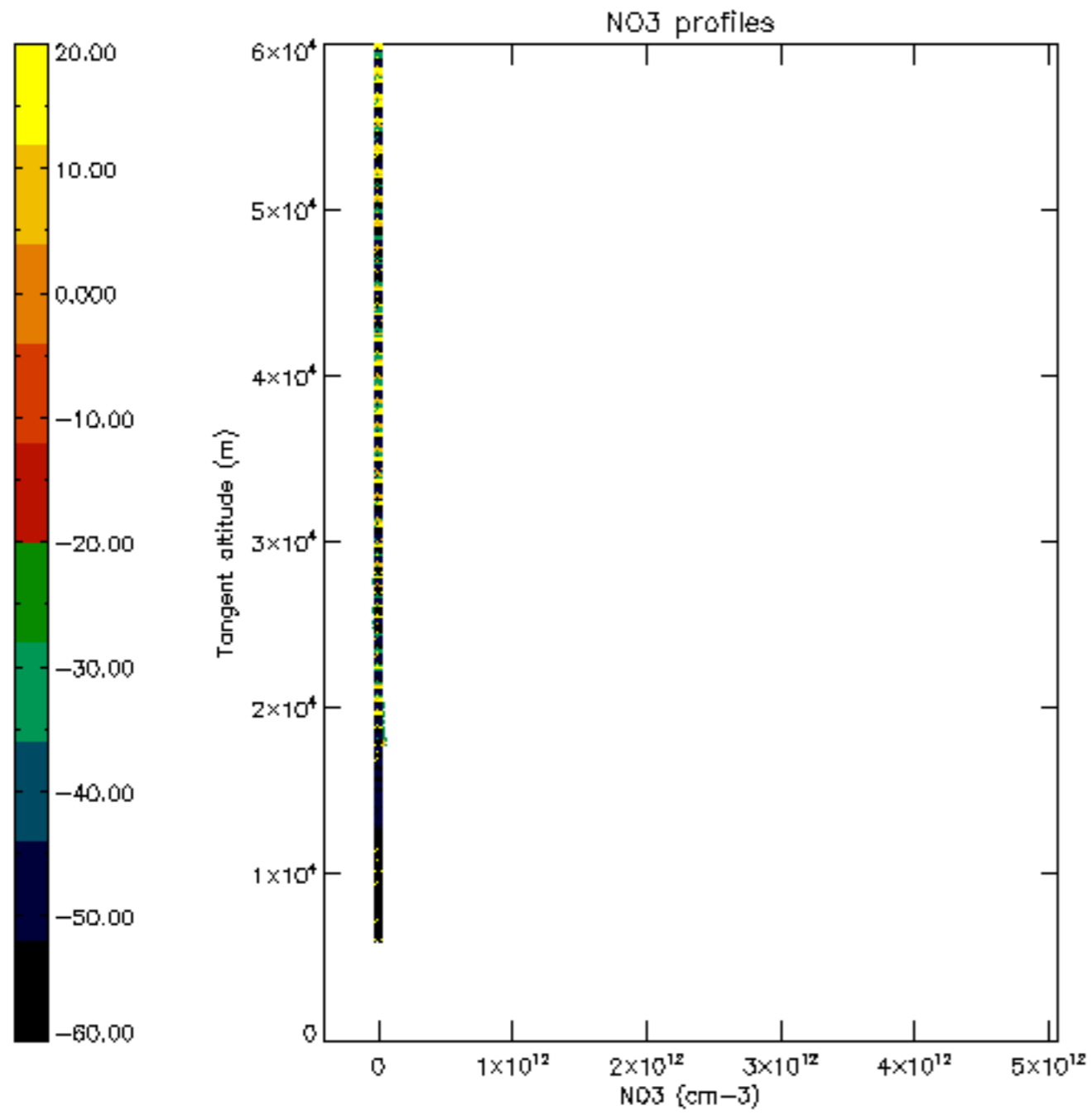


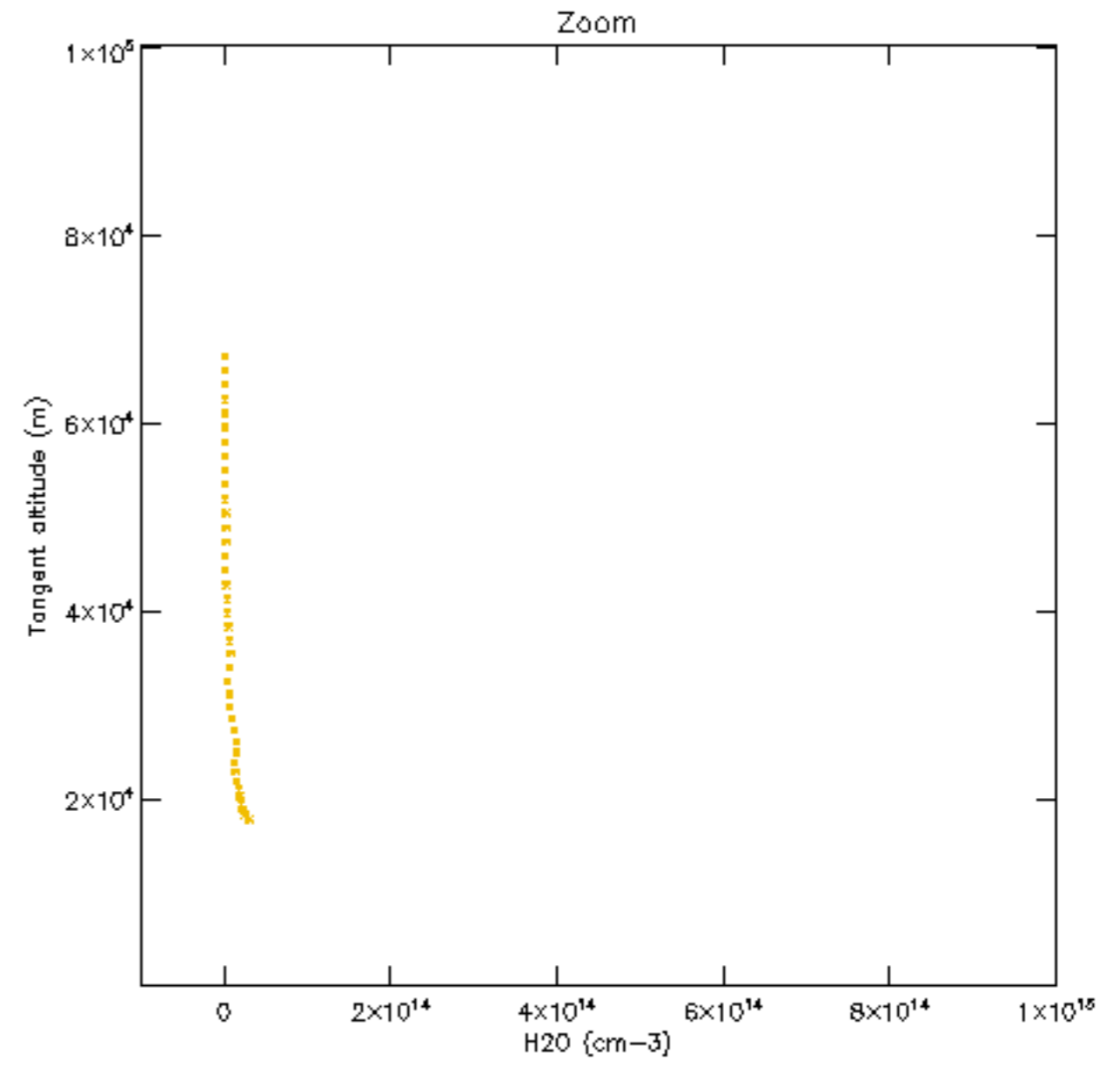
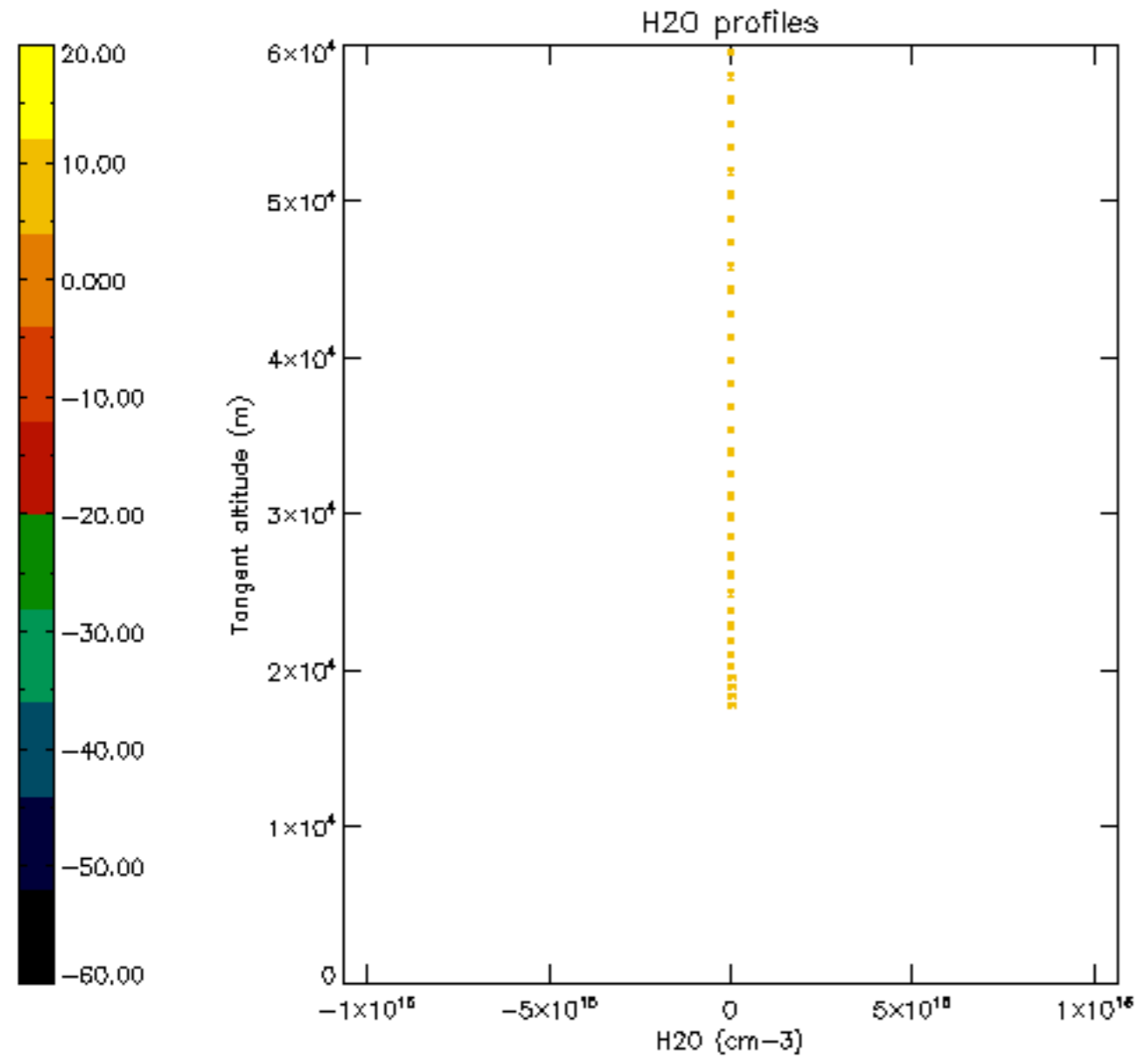


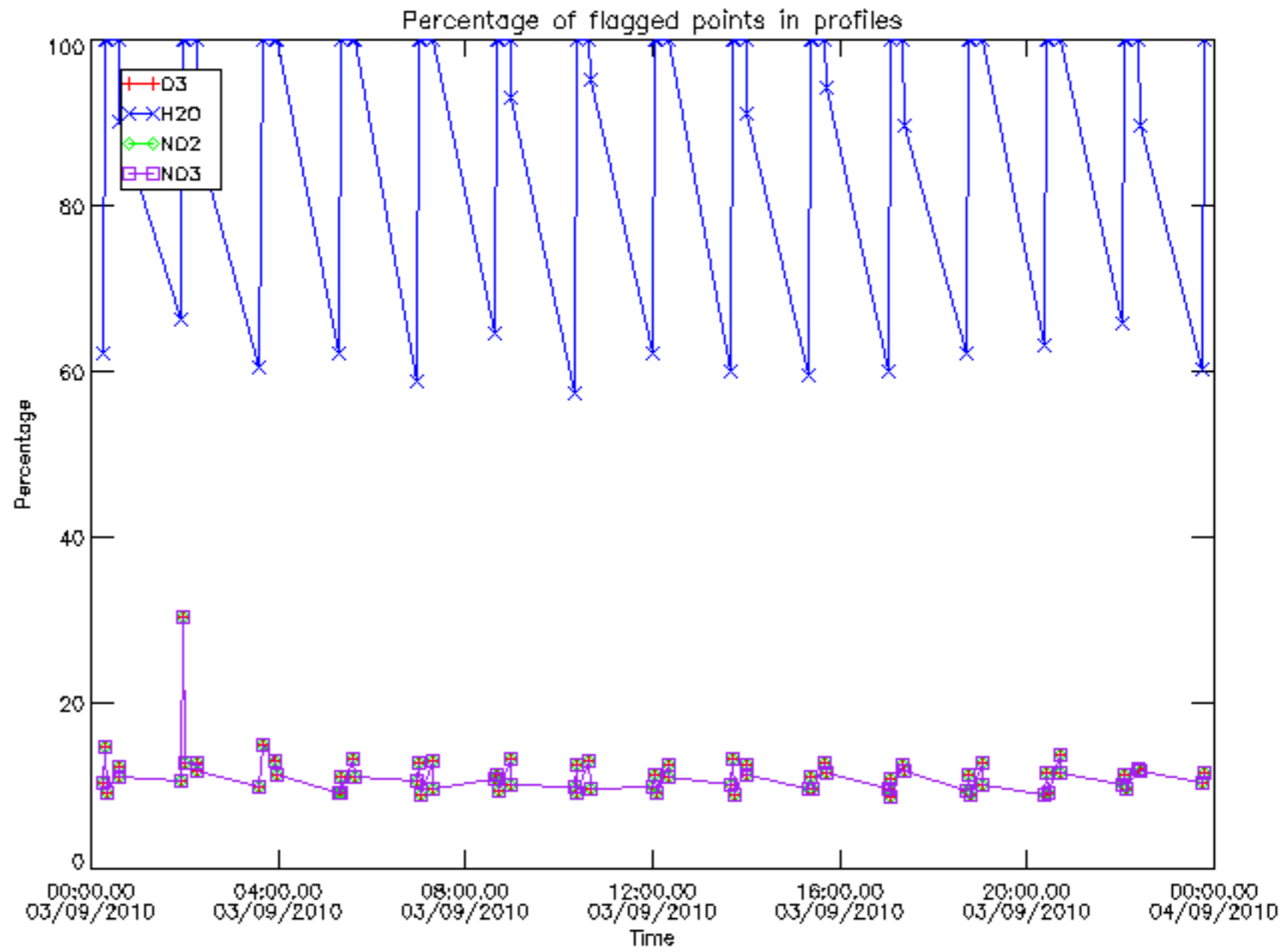




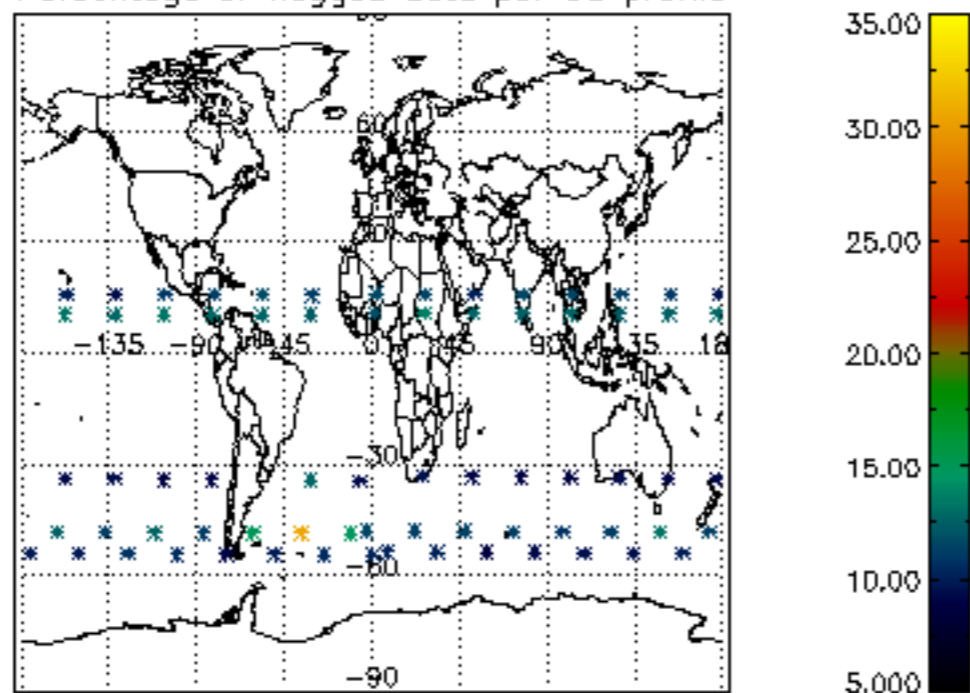




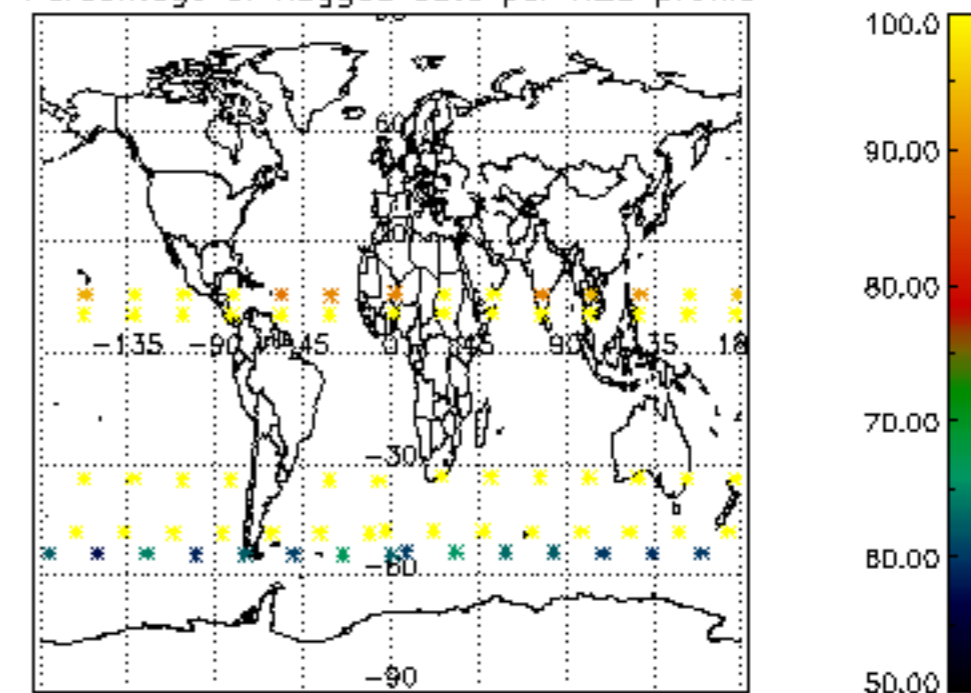




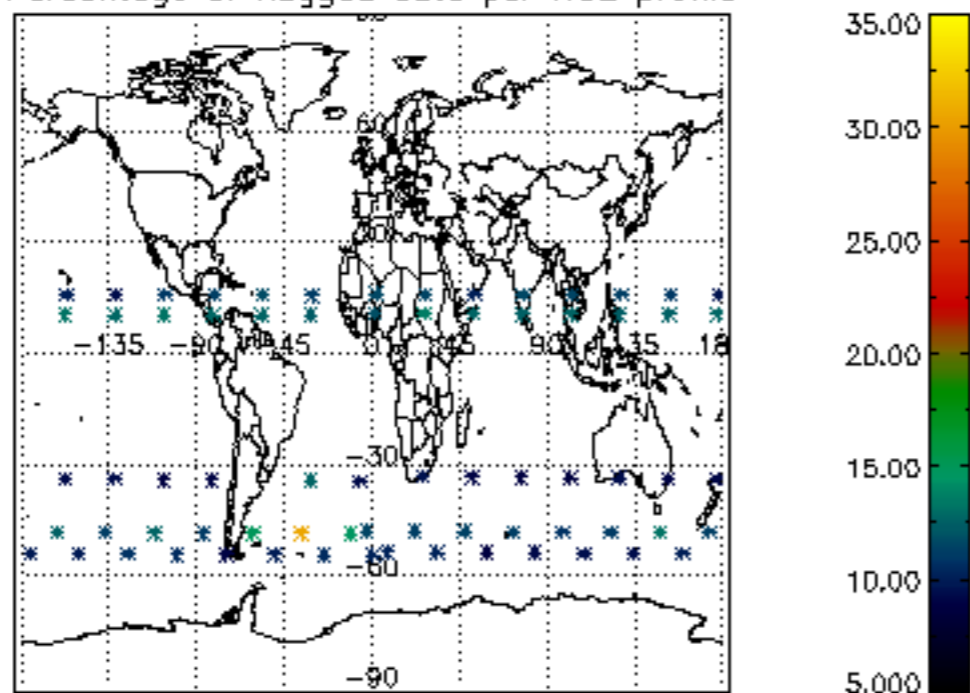
Percentage of flagged data per D3 profile



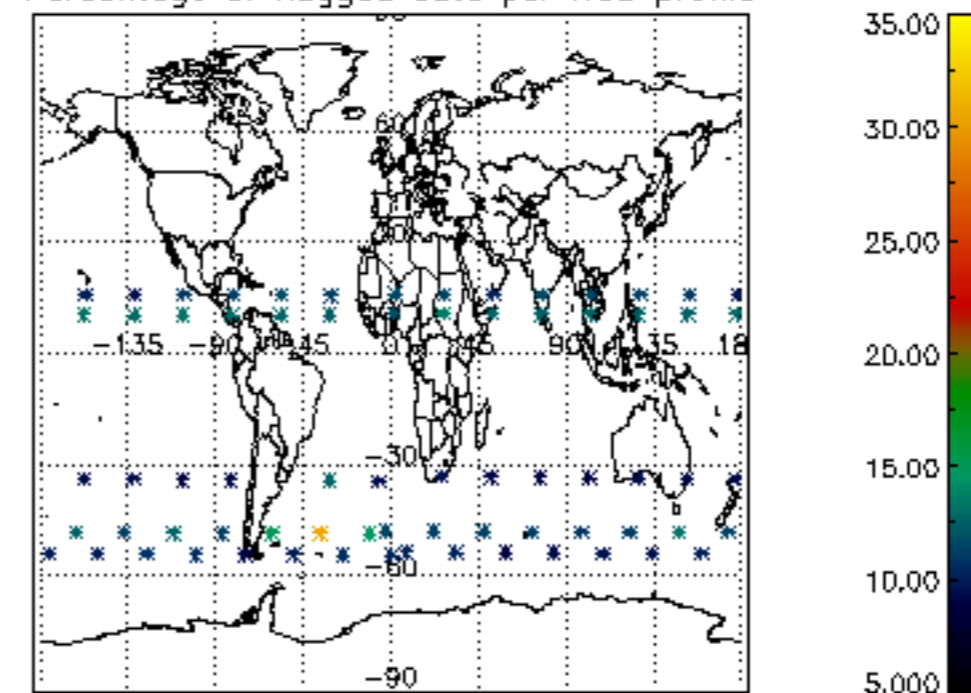
Percentage of flagged data per H2O profile

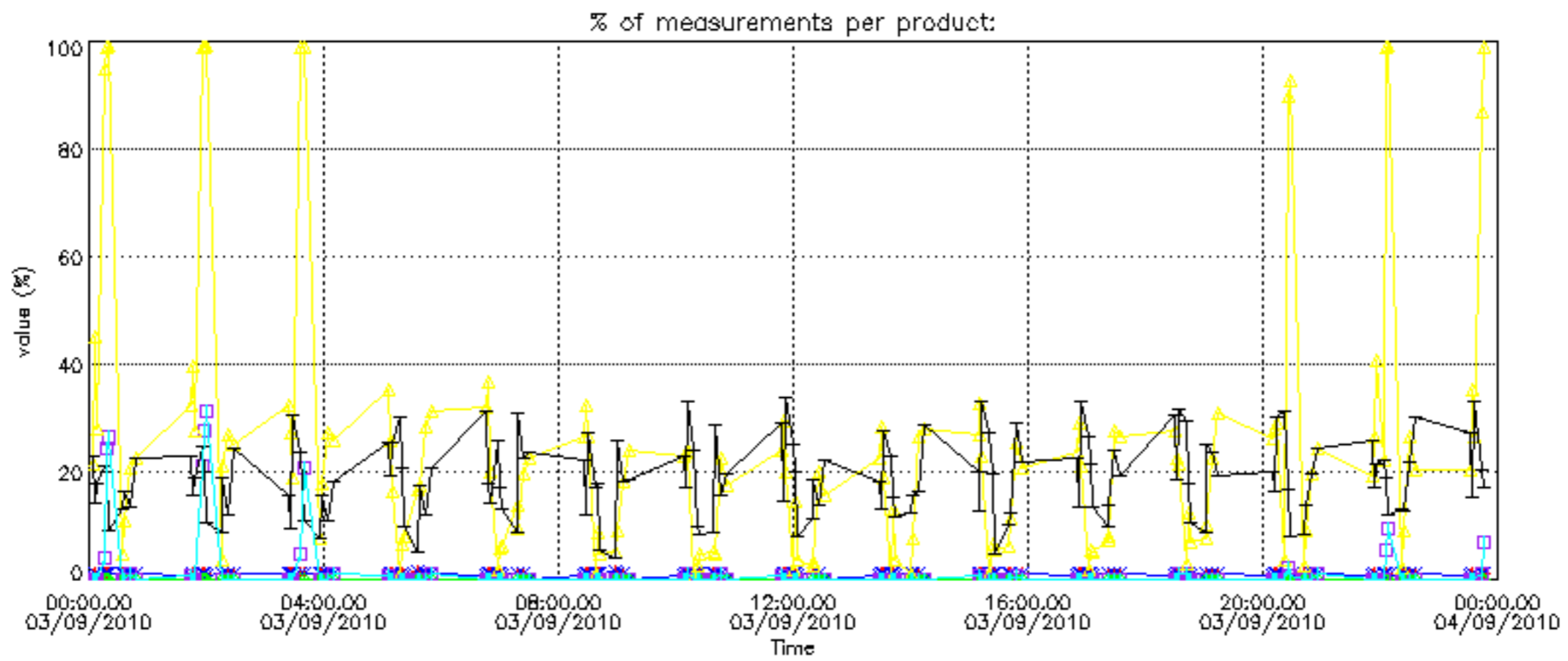


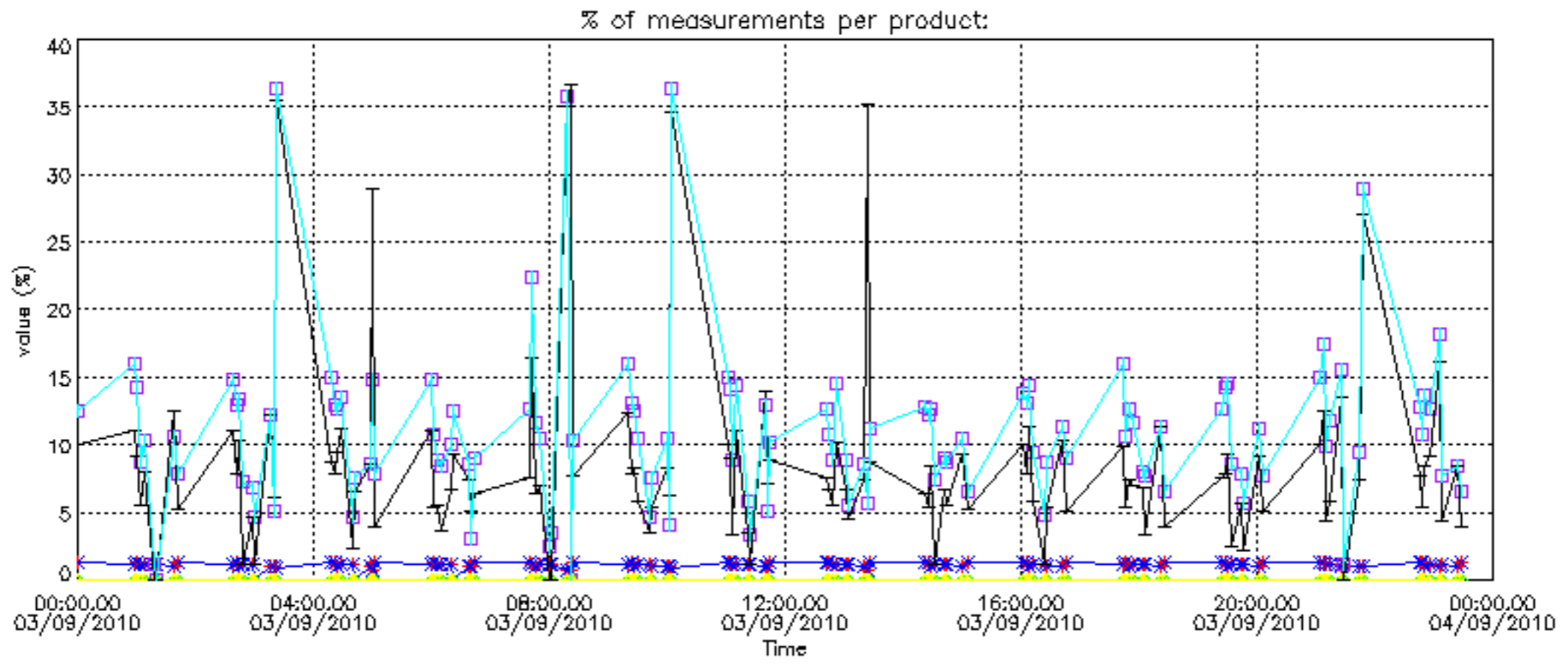
Percentage of flagged data per NO2 profile



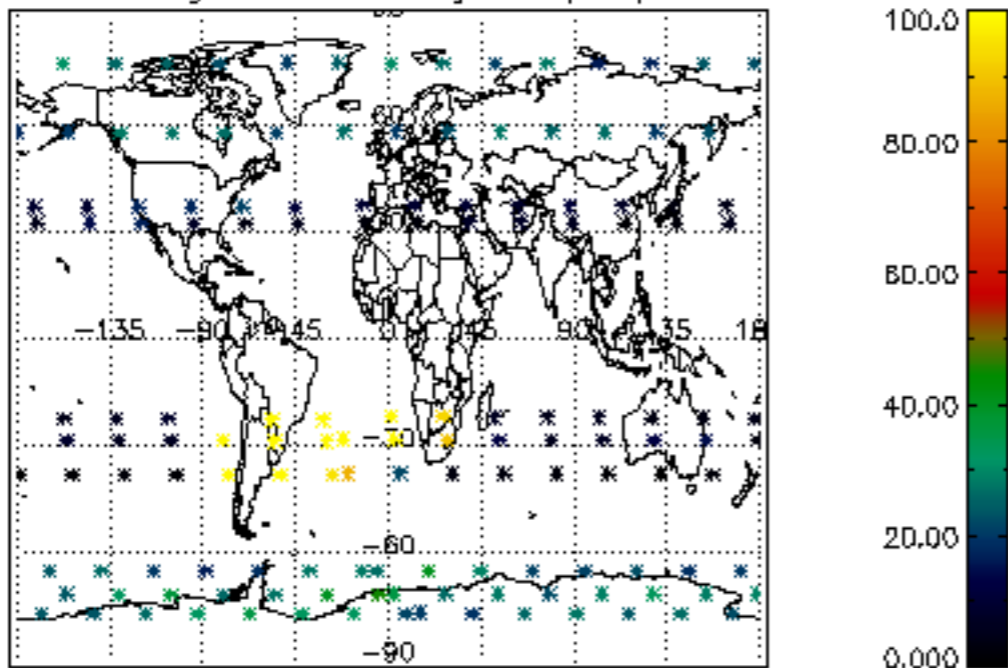
Percentage of flagged data per NO3 profile



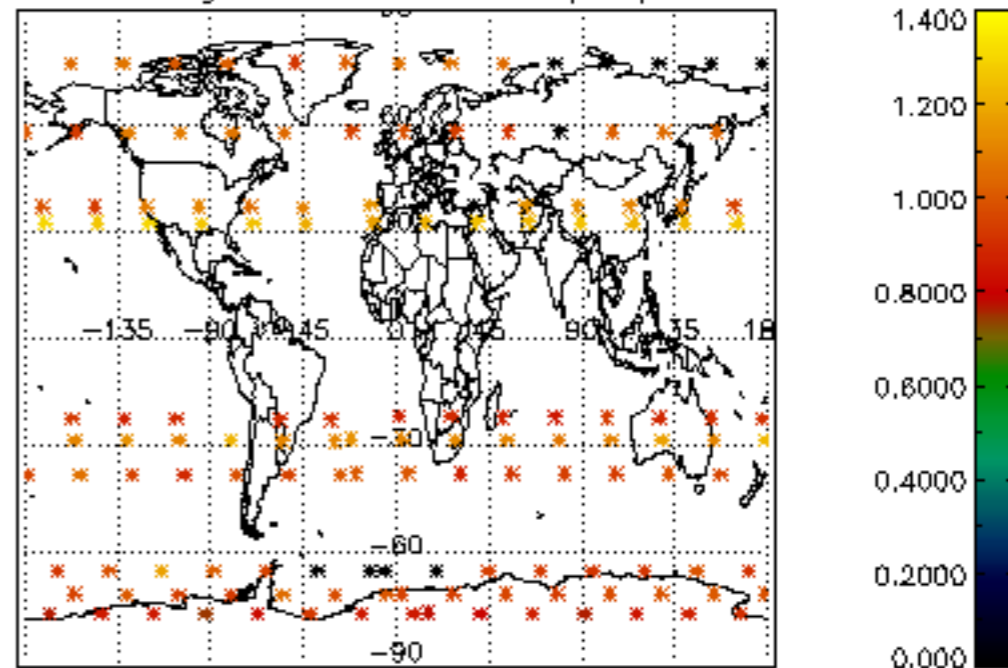




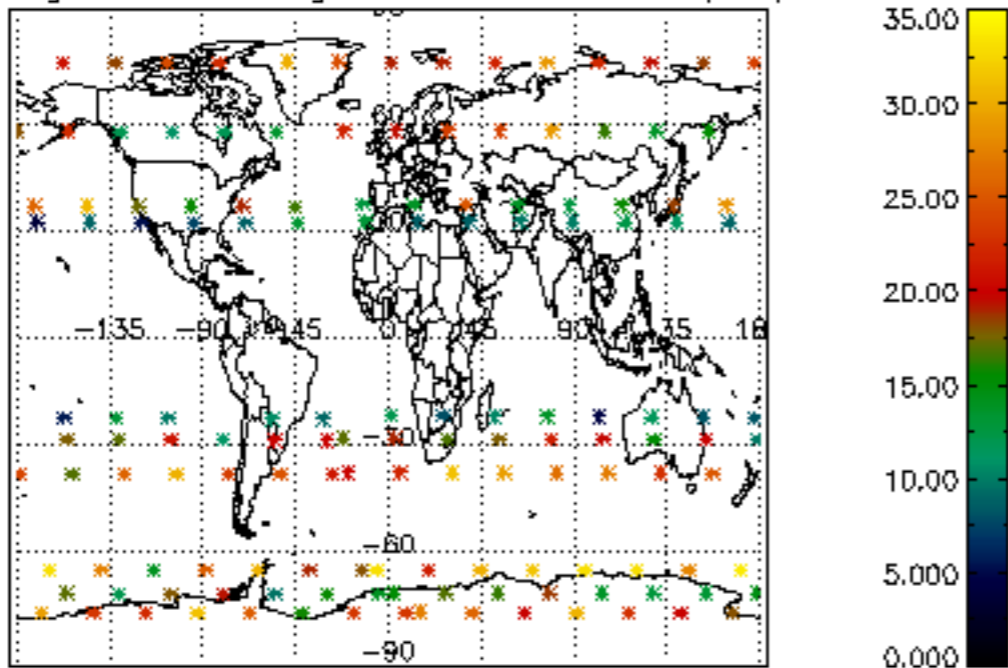
Percentage of cosmic ray hits per profile



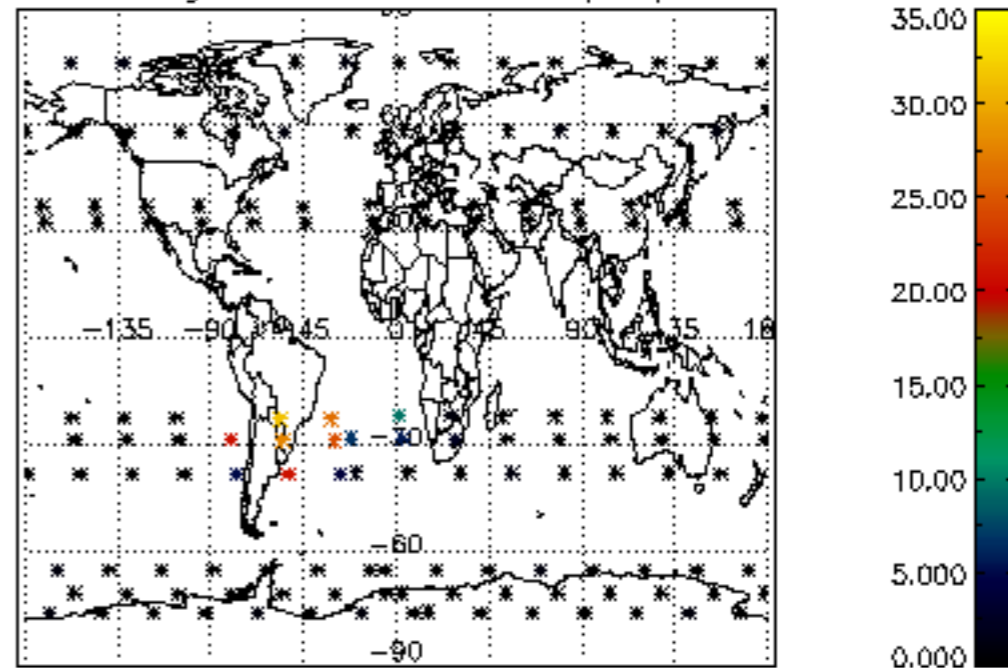
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

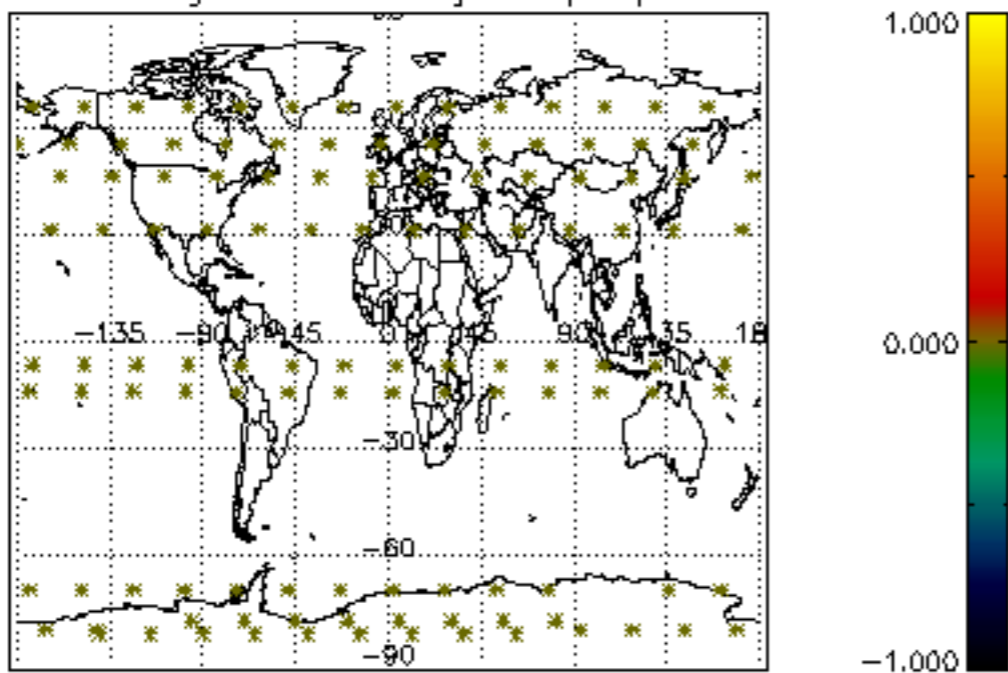


Percentage of saturation errors per profile

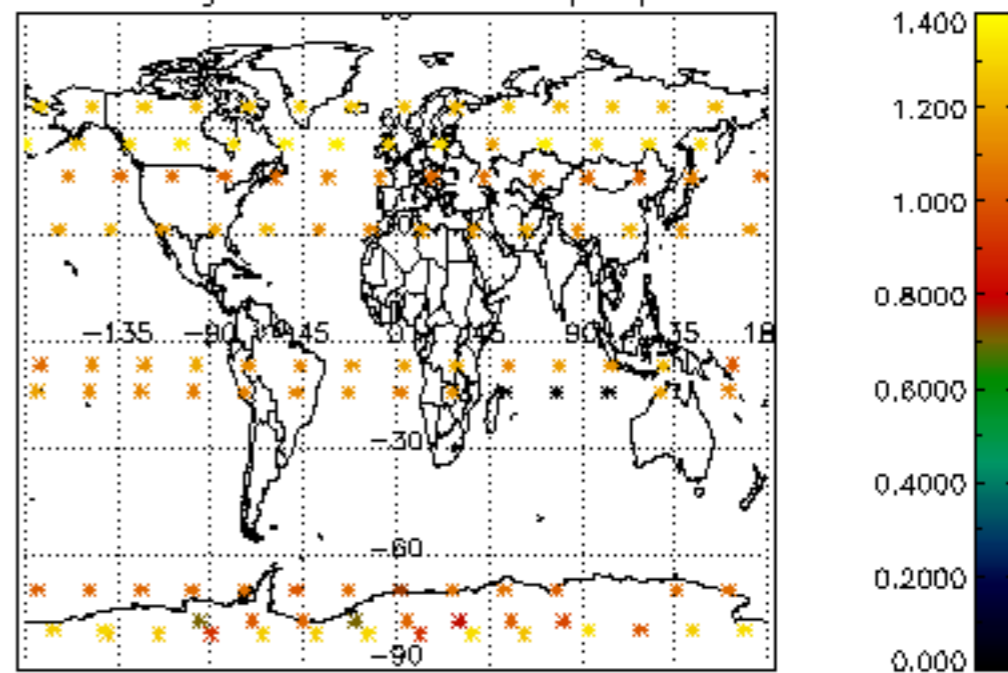




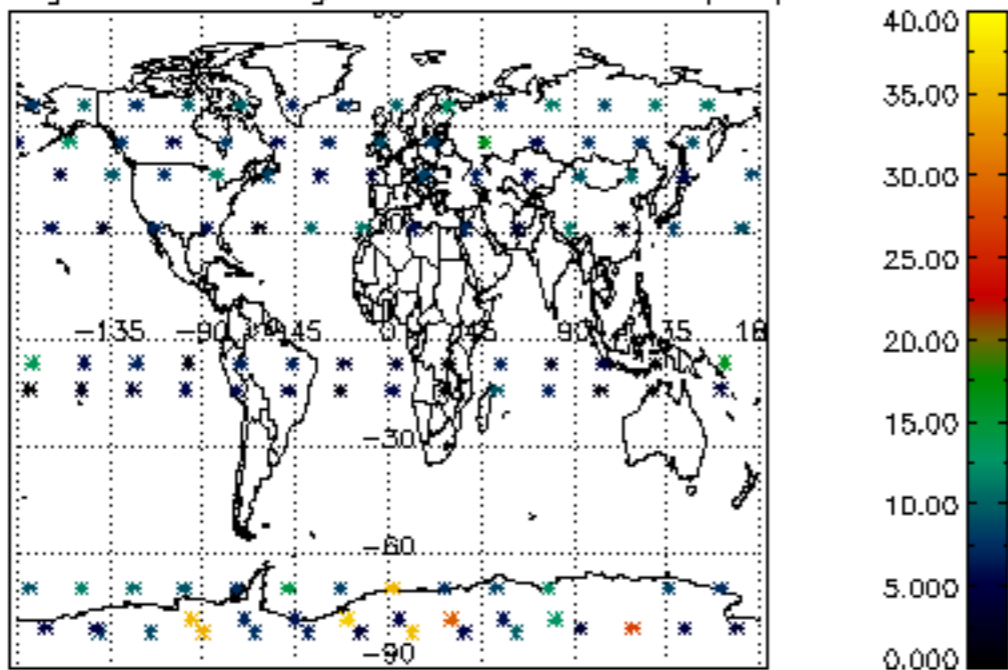
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

